Table S19. Results of the BayPass BF statistic for *Bombus terrestris*. For each SNP, land-use contrast tested, Bayes Factor (BF), Pearson and Spearman correlation coe IS) and its standard deviation, empirical Bayesian posterior inclusion probability (e the significance criteria described in the Methods section.

CHR	POS	SNP ID	Contrast Name	BF statistic	Mean Pearson	SD Pearson
CHR1	1000519	CHR1:1000519	SSF x LoA	-9,930	0,079	0,272
CHR1	1E+07	CHR1:10037261	SSF x LoA	-7,575	-0,099	0,289
CHR1	1E+07	CHR1:10037387	SSF x LoA	-10,342	-0,073	0,288
CHR1	1E+07	CHR1:10037456	SSF x LoA	-8,988	0,052	0,283
CHR1	1E+07	CHR1:10053338	SSF x LoA	-6,639	0,047	0,294
CHR1	1E+07	CHR1:10053439	SSF x LoA	-8,554	0,041	0,280
CHR1	1E+07	CHR1:10059095	SSF x LoA	-8,324	-0,037	0,289
CHR1	1E+07	CHR1:10059096	SSF x LoA	-3,747	-0,055	0,267
CHR1	1E+07	CHR1:10059243	SSF x LoA	-8,262	0,101	0,291
CHR1	1E+07	CHR1:10059283	SSF x LoA	-9,782	0,046	0,298
CHR1	1E+07	CHR1:10059284	SSF x LoA	-8,100	0,055	0,298
CHR1	1E+07	CHR1:10059309	SSF x LoA	-7,969	0,046	0,304
CHR1	1E+07	CHR1:10072000	SSF x LoA	-8,517	0,020	0,301
CHR1	1E+07	CHR1:10072018	SSF x LoA	-8,758	-0,076	0,294
CHR1	1E+07	CHR1:10072160	SSF x LoA	-6,984	0,139	0,303
CHR1	1E+07	CHR1:10084964	SSF x LoA	-9,860	0,101	0,289
CHR1	1E+07	CHR1:10084994	SSF x LoA	0,173	-0,207	0,262
CHR1	1E+07	CHR1:10091083	SSF x LoA	-10,023	-0,009	0,283
CHR1	1E+07	CHR1:10091162	SSF x LoA	-9,599	0,018	0,282
CHR1	1E+07	CHR1:10091173	SSF x LoA	-6,761	-0,128	0,277
CHR1	1E+07	CHR1:10091216	SSF x LoA	-5,372	-0,174	0,280
CHR1	1E+07	CHR1:10113535	SSF x LoA	-7,223	-0,174	0,256
CHR1	1E+07	CHR1:10119068	SSF x LoA	-8,170	0,091	0,284
CHR1	1E+07	CHR1:10119104	SSF x LoA	-8,152	0,035	0,292
CHR1	1E+07	CHR1:10119109	SSF x LoA	-9,670	0,028	0,296
CHR1	1E+07	CHR1:10143002	SSF x LoA	-7,077	-0,061	0,288
CHR1	1E+07	CHR1:10144058	SSF x LoA	-6,688	-0,087	0,292
CHR1	1E+07	CHR1:10144114	SSF x LoA	-9,523	-0,039	0,280
CHR1	1E+07	CHR1:10144143	SSF x LoA	-6,715	0,025	0,285
CHR1	1E+07	CHR1:10155681	SSF x LoA	-8,617	0,037	0,283
CHR1	1E+07	CHR1:10155733	SSF x LoA	-9,232	0,002	0,293
CHR1	1E+07	CHR1:10177688	SSF x LoA	-6,072	0,075	0,312
CHR1	1E+07	CHR1:10177689	SSF x LoA	-10,269	0,102	0,293
CHR1	1E+07	CHR1:10229739	SSF x LoA	-5,811	0,087	0,283
CHR1	1E+07	CHR1:10229896	SSF x LoA	-6,885	0,086	0,298
CHR1	1E+07	CHR1:10229923	SSF x LoA	-8,088	0,050	0,301
CHR1	1E+07	CHR1:10232364	SSF x LoA	-10,868	-0,025	0,277
CHR1	1E+07	CHR1:10239819	SSF x LoA	-7,628	-0,125	0,284
CHR1	1E+07	CHR1:10247656	SSF x LoA	-1,394	0,207	0,287
CHR1	1E+07	CHR1:10253500	SSF x LoA	0,036	0,042	0,286
CHR1	1E+07	CHR1:10254348	SSF x LoA	-11,045	0,086	0,293
CHR1	1E+07	CHR1:10254371	SSF x LoA	-7,925	-0,033	0,299
CHR1	1E+07	CHR1:10254372	SSF x LoA	-7,930	-0,062	0,274
CHR1	1E+07	CHR1:10298065	SSF x LoA	-9,392	-0,104	0,280
CHR1	1E+07	CHR1:10298201	SSF x LoA	-10,136	0,013	0,286
CHR1	1E+07	CHR1:10349737	SSF x LoA	-9,166	0,118	0,293
CHR1	1E+07	CHR1:10349928	SSF x LoA	-9,666	0,008	0,303
CHR1	1E+07	CHR1:10353561	SSF x LoA	-5,913	-0,164	0,274

CHR1	1E+07	CHR1:10354311	SSF x LoA	-9,705	0,046	0,297
CHR1	1E+07	CHR1:10354362	SSF x LoA	-9,576	-0,089	0,276
CHR1	1E+07	CHR1:10354366	SSF x LoA	-11,243	0,010	0,304
CHR1	1036489	CHR1:1036489	SSF x LoA	-9,234	0,131	0,282
CHR1	1036513	CHR1:1036513	SSF x LoA	-8,561	-0,114	0,271
CHR1	1036519	CHR1:1036519	SSF x LoA	-6,004	-0,143	0,269
CHR1	1036562	CHR1:1036562	SSF x LoA	-9,301	0,029	0,296
CHR1	1036573	CHR1:1036573	SSF x LoA	-0,744	-0,179	0,261
CHR1	1037838	CHR1:1037838	SSF x LoA	-10,817	0,005	0,290
CHR1	1038023	CHR1:1038023	SSF x LoA	-9,159	0,057	0,311
CHR1	1038584	CHR1:1038584	SSF x LoA	-4,326	0,027	0,300
CHR1	1038586	CHR1:1038586	SSF x LoA	-10,771	0,062	0,300
CHR1	1040797	CHR1:1040797	SSF x LoA	-6,669	-0,043	0,279
CHR1	1041036	CHR1:1041036	SSF x LoA	-10,709	-0,052	0,290
CHR1	1041110	CHR1:1041110	SSF x LoA	-8,633	-0,113	0,281
CHR1	1E+07	CHR1:10415386	SSF x LoA	-9,388	-0,009	0,272
CHR1	1E+07	CHR1:10441031	SSF x LoA	-8,636	-0,125	0,294
CHR1	1E+07	CHR1:10453060	SSF x LoA	-10,995	-0,025	0,282
CHR1	1E+07	CHR1:10462509	SSF x LoA	-9,068	0,056	0,300
CHR1	1E+07	CHR1:10472765	SSF x LoA	-10,498	0,038	0,287
CHR1	10503142	CHR1:10503142	SSF x LoA	-7,664	-0,093	0,289
CHR1	10503144	CHR1:10503144	SSF x LoA	-9,670	-0,109	0,276
CHR1	10503201	CHR1:10503201	SSF x LoA	-11,032	0,054	0,275
CHR1	10503270	CHR1:10503270	SSF x LoA	-6,100	-0,099	0,279
CHR1	10503334	CHR1:10503334	SSF x LoA	-10,039	-0,054	0,300
CHR1	10503410	CHR1:10503410	SSF x LoA	-7,695	-0,183	0,282
CHR1	10503444	CHR1:10503444	SSF x LoA	-9,267	0,148	0,275
CHR1	10508911	CHR1:10508911	SSF x LoA	-9,208	0,058	0,284
CHR1	1051624	CHR1:1051624	SSF x LoA	-9,569	-0,082	0,287
CHR1	1051814	CHR1:1051814	SSF x LoA	-8,967	0,035	0,284
CHR1	1051832	CHR1:1051832	SSF x LoA	-9,906	0,064	0,291
CHR1	1051885	CHR1:1051885	SSF x LoA	-9,754	-0,045	0,297
CHR1	10533247	CHR1:10533247	SSF x LoA	-8,130	0,028	0,289
CHR1	10544746	CHR1:10544746	SSF x LoA	-8,605	0,118	0,297
CHR1	10544767	CHR1:10544767	SSF x LoA	-8,399	0,081	0,292
CHR1	10544973	CHR1:10544973	SSF x LoA	-9,001	0,116	0,286
CHR1	10562426	CHR1:10562426	SSF x LoA	-7,555	-0,139	0,290
CHR1	10562433	CHR1:10562433	SSF x LoA	-0,601	0,249	0,271
CHR1	10562538	CHR1:10562538	SSF x LoA	-10,739	-0,023	0,287
CHR1	10562569	CHR1:10562569	SSF x LoA	-9,805	-0,032	0,298
CHR1	10562688	CHR1:10562688	SSF x LoA	-10,007	0,056	0,295
CHR1	10562690	CHR1:10562690	SSF x LoA	-10,055	-0,040	0,299
CHR1	10567687	CHR1:10567687	SSF x LoA	-7,339	0,015	0,289
CHR1	10572838	CHR1:10572838	SSF x LoA	-11,233	0,021	0,282
CHR1	10578084	CHR1:10578084	SSF x LoA	-7,758	-0,013	0,283
CHR1	10578090	CHR1:10578090	SSF x LoA	-8,403	-0,010	0,280
CHR1	10578102	CHR1:10578102	SSF x LoA	-5,730	0,056	0,274
CHR1	10578121	CHR1:10578121	SSF x LoA	-9,157	-0,063	0,278
CHR1	10578127	CHR1:10578127	SSF x LoA	-10,139	-0,089	0,290
CHR1	10578139	CHR1:10578139	SSF x LoA	-10,705	-0,033	0,294
CHR1	10585321	CHR1:10585321	SSF x LoA	-8,422	-0,120	0,280
CHR1	10600984	CHR1:10600984	SSF x LoA	-9,579	-0,010	0,299
CHR1	10600987	CHR1:10600987	SSF x LoA	-10,573	0,045	0,276

CHR1	10600988	CHR1:10600988	SSF x LoA	-6,200	-0,105	0,300
CHR1	10602036	CHR1:10602036	SSF x LoA	-11,194	0,014	0,285
CHR1	1060474	CHR1:1060474	SSF x LoA	-9,892	-0,009	0,274
CHR1	1060612	CHR1:1060612	SSF x LoA	-7,352	-0,169	0,276
CHR1	10606253	CHR1:10606253	SSF x LoA	-7,387	0,117	0,278
CHR1	10606324	CHR1:10606324	SSF x LoA	-8,370	0,025	0,304
CHR1	10606378	CHR1:10606378	SSF x LoA	-7,659	0,055	0,300
CHR1	10606448	CHR1:10606448	SSF x LoA	-8,907	-0,001	0,286
CHR1	10606490	CHR1:10606490	SSF x LoA	-6,695	-0,071	0,298
CHR1	10617299	CHR1:10617299	SSF x LoA	-7,929	0,007	0,281
CHR1	10626283	CHR1:10626283	SSF x LoA	-9,473	0,059	0,305
CHR1	10626528	CHR1:10626528	SSF x LoA	-8,444	-0,139	0,292
CHR1	10626636	CHR1:10626636	SSF x LoA	-9,634	0,048	0,270
CHR1	10626646	CHR1:10626646	SSF x LoA	-7,862	0,031	0,275
CHR1	10631622	CHR1:10631622	SSF x LoA	-6,363	-0,161	0,278
CHR1	10631708	CHR1:10631708	SSF x LoA	-9,403	-0,148	0,283
CHR1	10647919	CHR1:10647919	SSF x LoA	-0,102	-0,250	0,274
CHR1	10647940	CHR1:10647940	SSF x LoA	-9,184	-0,078	0,283
CHR1	10647959	CHR1:10647959	SSF x LoA	-9,751	-0,029	0,299
CHR1	10648025	CHR1:10648025	SSF x LoA	-9,203	0,094	0,272
CHR1	10660085	CHR1:10660085	SSF x LoA	-9,362	0,001	0,301
CHR1	10660123	CHR1:10660123	SSF x LoA	-10,001	-0,099	0,292
CHR1	10660174	CHR1:10660174	SSF x LoA	-4,081	-0,214	0,272
CHR1	10660177	CHR1:10660177	SSF x LoA	-6,120	0,215	0,284
CHR1	10698309	CHR1:10698309	SSF x LoA	-10,470	-0,111	0,271
CHR1	10698357	CHR1:10698357	SSF x LoA	-8,680	-0,067	0,287
CHR1	10705500	CHR1:10705500	SSF x LoA	-8,282	-0,091	0,271
CHR1	10705583	CHR1:10705583	SSF x LoA	-5,825	-0,144	0,296
CHR1	10709904	CHR1:10709904	SSF x LoA	-7,578	-0,113	0,291
CHR1	10709909	CHR1:10709909	SSF x LoA	-7,484	-0,121	0,293
CHR1	10709979	CHR1:10709979	SSF x LoA	-4,973	0,089	0,290
CHR1	10710064	CHR1:10710064	SSF x LoA	-8,590	0,038	0,281
CHR1	10735047	CHR1:10735047	SSF x LoA	-8,829	-0,126	0,275
CHR1	10735062	CHR1:10735062	SSF x LoA	-8,408	0,018	0,288
CHR1	10735124	CHR1:10735124	SSF x LoA	-7,246	0,103	0,284
CHR1	10744740	CHR1:10744740	SSF x LoA	-4,928	0,089	0,302
CHR1	10744990	CHR1:10744990	SSF x LoA	-9,779	0,066	0,274
CHR1	10758323	CHR1:10758323	SSF x LoA	-9,643	-0,110	0,289
CHR1	10760380	CHR1:10760380	SSF x LoA	-3,789	-0,108	0,300
CHR1	10760460	CHR1:10760460	SSF x LoA	-9,169	-0,070	0,293
CHR1	10760623	CHR1:10760623	SSF x LoA	-7,696	-0,083	0,294
CHR1	10774712	CHR1:10774712	SSF x LoA	-9,201	0,024	0,270
CHR1	10774797	CHR1:10774797	SSF x LoA	-10,861	0,006	0,277
CHR1	10786051	CHR1:10786051	SSF x LoA	-7,347	0,068	0,294
CHR1	10786542	CHR1:10786542	SSF x LoA	-9,055	0,115	0,304
CHR1	10787337	CHR1:10787337	SSF x LoA	-9,946	-0,111	0,293
CHR1	10787430	CHR1:10787430	SSF x LoA	-8,229	0,044	0,289
CHR1	10804858	CHR1:10804858	SSF x LoA	-7,208	0,127	0,279
CHR1	10804859	CHR1:10804859	SSF x LoA	-7,445	0,105	0,286
CHR1	10804947	CHR1:10804947	SSF x LoA	-5,307	-0,045	0,297
CHR1	10804952	CHR1:10804952	SSF x LoA	-8,419	-0,028	0,284
CHR1	10804974	CHR1:10804974	SSF x LoA	-8,558	-0,072	0,284
CHR1	10804978	CHR1:10804978	SSF x LoA	-8,299	-0,055	0,289

CHR1	10805021	CHR1:10805021	SSF x LoA	-10,223	-0,054	0,300
CHR1	10809487	CHR1:10809487	SSF x LoA	-8,409	0,059	0,289
CHR1	10813309	CHR1:10813309	SSF x LoA	-7,527	-0,052	0,294
CHR1	10813313	CHR1:10813313	SSF x LoA	-1,724	-0,167	0,293
CHR1	10813394	CHR1:10813394	SSF x LoA	-9,573	-0,022	0,288
CHR1	10816299	CHR1:10816299	SSF x LoA	-7,687	-0,022	0,300
CHR1	10816305	CHR1:10816305	SSF x LoA	-7,948	0,079	0,295
CHR1	10816345	CHR1:10816345	SSF x LoA	-7,280	-0,128	0,289
CHR1	10816422	CHR1:10816422	SSF x LoA	-8,222	-0,037	0,288
CHR1	10816493	CHR1:10816493	SSF x LoA	-6,923	0,057	0,266
CHR1	10819338	CHR1:10819338	SSF x LoA	-9,826	-0,113	0,293
CHR1	10831127	CHR1:10831127	SSF x LoA	-10,903	0,012	0,303
CHR1	10831129	CHR1:10831129	SSF x LoA	-6,614	0,016	0,294
CHR1	10831166	CHR1:10831166	SSF x LoA	-8,219	-0,090	0,255
CHR1	10831292	CHR1:10831292	SSF x LoA	-6,536	-0,057	0,289
CHR1	10831302	CHR1:10831302	SSF x LoA	-11,346	0,036	0,284
CHR1	10831394	CHR1:10831394	SSF x LoA	-10,425	-0,105	0,288
CHR1	10884070	CHR1:10884070	SSF x LoA	-8,241	0,060	0,288
CHR1	10884130	CHR1:10884130	SSF x LoA	-9,755	0,058	0,275
CHR1	10884193	CHR1:10884193	SSF x LoA	-7,674	0,062	0,299
CHR1	10885725	CHR1:10885725	SSF x LoA	-9,602	0,069	0,292
CHR1	10885904	CHR1:10885904	SSF x LoA	-9,597	-0,007	0,291
CHR1	10885912	CHR1:10885912	SSF x LoA	-9,884	0,041	0,289
CHR1	10886053	CHR1:10886053	SSF x LoA	-8,830	-0,129	0,282
CHR1	10888962	CHR1:10888962	SSF x LoA	-9,127	-0,040	0,285
CHR1	10888964	CHR1:10888964	SSF x LoA	-10,590	-0,012	0,288
CHR1	10888975	CHR1:10888975	SSF x LoA	-10,066	-0,022	0,276
CHR1	10888994	CHR1:10888994	SSF x LoA	-8,334	0,035	0,277
CHR1	10889154	CHR1:10889154	SSF x LoA	-4,467	0,147	0,285
CHR1	10889161	CHR1:10889161	SSF x LoA	-8,741	-0,039	0,282
CHR1	10893044	CHR1:10893044	SSF x LoA	-10,433	0,051	0,297
CHR1	10906761	CHR1:10906761	SSF x LoA	-9,963	-0,037	0,291
CHR1	10912269	CHR1:10912269	SSF x LoA	-10,689	0,067	0,276
CHR1	10924355	CHR1:10924355	SSF x LoA	-7,243	0,104	0,287
CHR1	10924414	CHR1:10924414	SSF x LoA	-8,712	0,014	0,289
CHR1	10924503	CHR1:10924503	SSF x LoA	-7,998	0,035	0,285
CHR1	10924514	CHR1:10924514	SSF x LoA	-10,410	0,040	0,300
CHR1	10924666	CHR1:10924666	SSF x LoA	-7,060	-0,147	0,302
CHR1	10932089	CHR1:10932089	SSF x LoA	-9,454	-0,043	0,268
CHR1	1093210	CHR1:1093210	SSF x LoA	-7,453	-0,168	0,270
CHR1	10932117	CHR1:10932117	SSF x LoA	-11,166	0,010	0,284
CHR1	1093229	CHR1:1093229	SSF x LoA	-8,598	-0,147	0,276
CHR1	1093239	CHR1:1093239	SSF x LoA	-5,731	-0,148	0,274
CHR1	10936469	CHR1:10936469	SSF x LoA	-9,533	-0,049	0,292
CHR1	10938554	CHR1:10938554	SSF x LoA	-7,266	0,107	0,299
CHR1	10957455	CHR1:10957455	SSF x LoA	-6,956	0,072	0,296
CHR1	10957489	CHR1:10957489	SSF x LoA	-8,016	0,073	0,286
CHR1	10957496	CHR1:10957496	SSF x LoA	-8,892	0,087	0,289
CHR1	10957770	CHR1:10957770	SSF x LoA	-9,478	0,038	0,283
CHR1	1096486	CHR1:1096486	SSF x LoA	-10,534	0,005	0,299
CHR1	10983958	CHR1:10983958	SSF x LoA	-8,778	0,012	0,280
CHR1	10991234	CHR1:10991234	SSF x LoA	-11,442	0,033	0,276
CHR1	10996976	CHR1:10996976	SSF x LoA	-9,369	-0,073	0,285

CHR1	11009300	CHR1:11009300	SSF x LoA	-8,284	0,049	0,280
CHR1	11009306	CHR1:11009306	SSF x LoA	-10,556	0,072	0,280
CHR1	11009337	CHR1:11009337	SSF x LoA	-7,773	0,053	0,280
CHR1	11013221	CHR1:11013221	SSF x LoA	-10,705	-0,073	0,288
CHR1	11048567	CHR1:11048567	SSF x LoA	-5,817	0,055	0,297
CHR1	11048574	CHR1:11048574	SSF x LoA	-9,515	0,018	0,288
CHR1	11048598	CHR1:11048598	SSF x LoA	-10,522	0,014	0,289
CHR1	11048599	CHR1:11048599	SSF x LoA	-7,056	0,153	0,278
CHR1	11048616	CHR1:11048616	SSF x LoA	-9,665	0,063	0,287
CHR1	11048617	CHR1:11048617	SSF x LoA	-10,273	0,076	0,290
CHR1	11048626	CHR1:11048626	SSF x LoA	-10,552	0,045	0,281
CHR1	11048633	CHR1:11048633	SSF x LoA	-10,643	0,063	0,275
CHR1	11048634	CHR1:11048634	SSF x LoA	-10,183	0,031	0,285
CHR1	11048635	CHR1:11048635	SSF x LoA	-10,390	0,054	0,288
CHR1	11048669	CHR1:11048669	SSF x LoA	-10,295	0,015	0,292
CHR1	11048745	CHR1:11048745	SSF x LoA	-10,037	-0,013	0,278
CHR1	11048793	CHR1:11048793	SSF x LoA	-11,785	-0,007	0,281
CHR1	11048802	CHR1:11048802	SSF x LoA	-9,814	-0,021	0,288
CHR1	11048816	CHR1:11048816	SSF x LoA	-4,970	-0,079	0,287
CHR1	11048819	CHR1:11048819	SSF x LoA	-8,698	0,106	0,282
CHR1	11048822	CHR1:11048822	SSF x LoA	-10,039	-0,075	0,304
CHR1	11048824	CHR1:11048824	SSF x LoA	-10,720	-0,051	0,282
CHR1	11048828	CHR1:11048828	SSF x LoA	-9,659	-0,056	0,302
CHR1	11048832	CHR1:11048832	SSF x LoA	-9,795	-0,036	0,282
CHR1	11048836	CHR1:11048836	SSF x LoA	-10,183	-0,048	0,295
CHR1	11048852	CHR1:11048852	SSF x LoA	-8,992	-0,044	0,295
CHR1	11048855	CHR1:11048855	SSF x LoA	-11,362	-0,052	0,285
CHR1	11048856	CHR1:11048856	SSF x LoA	-8,499	0,068	0,289
CHR1	11048862	CHR1:11048862	SSF x LoA	-9,038	0,110	0,276
CHR1	11048865	CHR1:11048865	SSF x LoA	-9,886	-0,045	0,283
CHR1	11073556	CHR1:11073556	SSF x LoA	-7,420	-0,070	0,288
CHR1	11073576	CHR1:11073576	SSF x LoA	-8,988	0,063	0,287
CHR1	11073598	CHR1:11073598	SSF x LoA	-5,968	0,105	0,285
CHR1	11073797	CHR1:11073797	SSF x LoA	-10,043	-0,009	0,291
CHR1	11074748	CHR1:11074748	SSF x LoA	-9,009	0,040	0,279
CHR1	11074756	CHR1:11074756	SSF x LoA	-8,093	-0,054	0,296
CHR1	11074788	CHR1:11074788	SSF x LoA	-8,748	-0,005	0,302
CHR1	11082369	CHR1:11082369	SSF x LoA	-11,533	0,040	0,292
CHR1	11091166	CHR1:11091166	SSF x LoA	-6,410	0,010	0,312
CHR1	11100337	CHR1:11100337	SSF x LoA	-8,347	0,029	0,301
CHR1	11100350	CHR1:11100350	SSF x LoA	-7,021	0,019	0,291
CHR1	1112630	CHR1:1112630	SSF x LoA	-9,395	-0,063	0,287
CHR1	11127195	CHR1:11127195	SSF x LoA	-10,164	0,063	0,296
CHR1	1112763	CHR1:1112763	SSF x LoA	-8,597	-0,005	0,284
CHR1	1113008	CHR1:1113008	SSF x LoA	-1,951	-0,081	0,295
CHR1	11155916	CHR1:11155916	SSF x LoA	-9,237	0,010	0,288
CHR1	11171417	CHR1:11171417	SSF x LoA	-8,740	-0,059	0,284
CHR1	11171435	CHR1:11171435	SSF x LoA	-5,185	-0,184	0,272
CHR1	11201692	CHR1:11201692	SSF x LoA	-9,201	0,112	0,302
CHR1	11201714	CHR1:11201714	SSF x LoA	-9,669	-0,116	0,286
CHR1	11201867	CHR1:11201867	SSF x LoA	-9,057	-0,162	0,282
CHR1	11202041	CHR1:11202041	SSF x LoA	-7,830	-0,075	0,284
CHR1	11202043	CHR1:11202043	SSF x LoA	-8,116	-0,039	0,305

CHR1	11209004	CHR1:11209004	SSF x LoA	-9,656	-0,057	0,303
CHR1	1122354	CHR1:1122354	SSF x LoA	-9,205	0,127	0,295
CHR1	1122360	CHR1:1122360	SSF x LoA	-7,015	0,133	0,283
CHR1	11223685	CHR1:11223685	SSF x LoA	-9,990	-0,042	0,292
CHR1	11224312	CHR1:11224312	SSF x LoA	-6,724	0,010	0,313
CHR1	11228654	CHR1:11228654	SSF x LoA	-8,499	0,130	0,285
CHR1	11228702	CHR1:11228702	SSF x LoA	-7,490	0,098	0,298
CHR1	11228855	CHR1:11228855	SSF x LoA	-8,841	-0,005	0,283
CHR1	11228860	CHR1:11228860	SSF x LoA	-7,056	0,166	0,278
CHR1	11243213	CHR1:11243213	SSF x LoA	-11,371	-0,003	0,281
CHR1	11243318	CHR1:11243318	SSF x LoA	3,222	-0,120	0,285
CHR1	11249708	CHR1:11249708	SSF x LoA	-10,681	0,080	0,284
CHR1	11249865	CHR1:11249865	SSF x LoA	-6,576	-0,031	0,290
CHR1	11249870	CHR1:11249870	SSF x LoA	-9,520	0,023	0,301
CHR1	11256575	CHR1:11256575	SSF x LoA	-7,311	-0,011	0,298
CHR1	11265177	CHR1:11265177	SSF x LoA	-8,480	-0,027	0,292
CHR1	11266728	CHR1:11266728	SSF x LoA	-5,354	-0,083	0,275
CHR1	11266953	CHR1:11266953	SSF x LoA	-8,621	-0,049	0,279
CHR1	11271653	CHR1:11271653	SSF x LoA	-8,344	0,023	0,286
CHR1	11280493	CHR1:11280493	SSF x LoA	-10,199	-0,044	0,289
CHR1	11280519	CHR1:11280519	SSF x LoA	-9,280	-0,143	0,298
CHR1	11280555	CHR1:11280555	SSF x LoA	-10,247	-0,045	0,293
CHR1	11283354	CHR1:11283354	SSF x LoA	-7,226	-0,193	0,298
CHR1	11300969	CHR1:11300969	SSF x LoA	-5,817	-0,199	0,280
CHR1	11301061	CHR1:11301061	SSF x LoA	-5,401	-0,130	0,285
CHR1	11301255	CHR1:11301255	SSF x LoA	-10,272	0,101	0,281
CHR1	11301301	CHR1:11301301	SSF x LoA	-5,633	0,201	0,294
CHR1	11301304	CHR1:11301304	SSF x LoA	-10,437	-0,047	0,287
CHR1	11301374	CHR1:11301374	SSF x LoA	-10,920	-0,056	0,290
CHR1	11304001	CHR1:11304001	SSF x LoA	-10,286	0,011	0,287
CHR1	11304084	CHR1:11304084	SSF x LoA	-8,752	0,092	0,288
CHR1	11314719	CHR1:11314719	SSF x LoA	0,809	-0,223	0,279
CHR1	11314839	CHR1:11314839	SSF x LoA	-8,845	0,088	0,290
CHR1	11323757	CHR1:11323757	SSF x LoA	-8,904	0,003	0,288
CHR1	11325037	CHR1:11325037	SSF x LoA	-8,920	-0,003	0,290
CHR1	11325039	CHR1:11325039	SSF x LoA	-6,535	-0,130	0,288
CHR1	11339649	CHR1:11339649	SSF x LoA	-10,452	0,050	0,295
CHR1	11347239	CHR1:11347239	SSF x LoA	-10,322	0,015	0,286
CHR1	11347284	CHR1:11347284	SSF x LoA	-3,231	-0,109	0,291
CHR1	11355439	CHR1:11355439	SSF x LoA	-6,239	0,104	0,293
CHR1	11355493	CHR1:11355493	SSF x LoA	-6,225	0,056	0,293
CHR1	11355532	CHR1:11355532	SSF x LoA	-9,563	0,011	0,300
CHR1	11367601	CHR1:11367601	SSF x LoA	-10,078	0,069	0,281
CHR1	11367741	CHR1:11367741	SSF x LoA	-8,347	0,118	0,296
CHR1	1136941	CHR1:1136941	SSF x LoA	-7,564	-0,148	0,285
CHR1	1137058	CHR1:1137058	SSF x LoA	-9,714	-0,031	0,308
CHR1	1137198	CHR1:1137198	SSF x LoA	-6,401	-0,062	0,287
CHR1	11379164	CHR1:11379164	SSF x LoA	-8,059	0,149	0,279
CHR1	11390736	CHR1:11390736	SSF x LoA	-7,742	-0,038	0,304
CHR1	11399106	CHR1:11399106	SSF x LoA	-7,536	-0,012	0,306
CHR1	11399125	CHR1:11399125	SSF x LoA	-8,813	-0,049	0,297
CHR1	11404516	CHR1:11404516	SSF x LoA	-10,203	0,010	0,284
CHR1	11407568	CHR1:11407568	SSF x LoA	-8,772	0,003	0,274

CHR1	11407664	CHR1:11407664	SSF x LoA	-10,855	-0,001	0,281
CHR1	11411880	CHR1:11411880	SSF x LoA	-10,049	0,081	0,284
CHR1	11411915	CHR1:11411915	SSF x LoA	-7,084	0,131	0,294
CHR1	11411938	CHR1:11411938	SSF x LoA	-7,293	0,113	0,288
CHR1	11412021	CHR1:11412021	SSF x LoA	-9,654	-0,065	0,290
CHR1	11429307	CHR1:11429307	SSF x LoA	-10,618	0,033	0,302
CHR1	11429471	CHR1:11429471	SSF x LoA	-6,668	-0,097	0,297
CHR1	11456106	CHR1:11456106	SSF x LoA	-8,094	0,064	0,288
CHR1	11456125	CHR1:11456125	SSF x LoA	-8,684	0,049	0,288
CHR1	1145960	CHR1:1145960	SSF x LoA	-5,631	0,145	0,290
CHR1	11461020	CHR1:11461020	SSF x LoA	-9,327	0,048	0,267
CHR1	11480344	CHR1:11480344	SSF x LoA	-8,767	-0,102	0,279
CHR1	11480456	CHR1:11480456	SSF x LoA	-9,238	0,110	0,294
CHR1	11493516	CHR1:11493516	SSF x LoA	-9,920	-0,120	0,278
CHR1	11493723	CHR1:11493723	SSF x LoA	-8,570	0,062	0,282
CHR1	1149662	CHR1:1149662	SSF x LoA	-8,008	0,088	0,297
CHR1	1149791	CHR1:1149791	SSF x LoA	-7,937	-0,044	0,285
CHR1	11503047	CHR1:11503047	SSF x LoA	-10,457	0,005	0,291
CHR1	11506505	CHR1:11506505	SSF x LoA	-11,840	-0,006	0,283
CHR1	11513930	CHR1:11513930	SSF x LoA	-11,686	-0,036	0,290
CHR1	11514111	CHR1:11514111	SSF x LoA	-9,435	0,022	0,293
CHR1	1170977	CHR1:1170977	SSF x LoA	-11,248	0,059	0,285
CHR1	1222967	CHR1:1222967	SSF x LoA	-10,095	-0,015	0,296
CHR1	1223147	CHR1:1223147	SSF x LoA	-8,600	-0,028	0,303
CHR1	1230945	CHR1:1230945	SSF x LoA	-8,386	-0,050	0,288
CHR1	1230967	CHR1:1230967	SSF x LoA	-7,839	-0,109	0,292
CHR1	1235948	CHR1:1235948	SSF x LoA	-9,779	0,107	0,276
CHR1	1236225	CHR1:1236225	SSF x LoA	-10,116	0,010	0,286
CHR1	12451878	CHR1:12451878	SSF x LoA	5,621	-0,099	0,285
CHR1	12451978	CHR1:12451978	SSF x LoA	-8,546	0,065	0,297
CHR1	12465155	CHR1:12465155	SSF x LoA	-6,244	0,077	0,306
CHR1	12465409	CHR1:12465409	SSF x LoA	-10,701	-0,003	0,289
CHR1	12475759	CHR1:12475759	SSF x LoA	-9,037	-0,089	0,299
CHR1	12476001	CHR1:12476001	SSF x LoA	-8,171	0,017	0,290
CHR1	12476007	CHR1:12476007	SSF x LoA	-7,736	0,086	0,281
CHR1	12478421	CHR1:12478421	SSF x LoA	-8,650	0,047	0,296
CHR1	12478676	CHR1:12478676	SSF x LoA	-9,332	-0,141	0,272
CHR1	1247888	CHR1:1247888	SSF x LoA	-9,070	-0,042	0,292
CHR1	12508564	CHR1:12508564	SSF x LoA	-9,454	0,005	0,296
CHR1	12510169	CHR1:12510169	SSF x LoA	-9,307	0,047	0,300
CHR1	12510228	CHR1:12510228	SSF x LoA	-8,868	0,091	0,278
CHR1	12517607	CHR1:12517607	SSF x LoA	-8,651	-0,013	0,286
CHR1	12535315	CHR1:12535315	SSF x LoA	-5,709	0,041	0,306
CHR1	12544981	CHR1:12544981	SSF x LoA	-7,247	-0,008	0,283
CHR1	12557437	CHR1:12557437	SSF x LoA	-11,448	0,023	0,289
CHR1	12557516	CHR1:12557516	SSF x LoA	-8,153	-0,078	0,301
CHR1	1256520	CHR1:1256520	SSF x LoA	-2,120	-0,125	0,271
CHR1	1256576	CHR1:1256576	SSF x LoA	-6,384	-0,027	0,283
CHR1	12570612	CHR1:12570612	SSF x LoA	-10,426	-0,027	0,287
CHR1	12599832	CHR1:12599832	SSF x LoA	-7,394	0,193	0,286
CHR1	12649709	CHR1:12649709	SSF x LoA	-6,084	-0,197	0,287
CHR1	12649717	CHR1:12649717	SSF x LoA	-9,180	0,134	0,275
CHR1	12651552	CHR1:12651552	SSF x LoA	-8,689	0,043	0,282

CHR1	12667752	CHR1:12667752	SSF x LoA	-8,226	0,116	0,290
CHR1	12667788	CHR1:12667788	SSF x LoA	-12,088	0,010	0,278
CHR1	12695069	CHR1:12695069	SSF x LoA	-9,999	-0,060	0,278
CHR1	12695362	CHR1:12695362	SSF x LoA	-11,062	-0,029	0,290
CHR1	12695364	CHR1:12695364	SSF x LoA	-8,021	-0,086	0,275
CHR1	12730016	CHR1:12730016	SSF x LoA	-9,249	0,017	0,287
CHR1	12745700	CHR1:12745700	SSF x LoA	-9,292	0,105	0,303
CHR1	12745873	CHR1:12745873	SSF x LoA	-8,022	-0,052	0,306
CHR1	1275751	CHR1:1275751	SSF x LoA	-8,369	-0,031	0,303
CHR1	1275822	CHR1:1275822	SSF x LoA	-10,404	0,018	0,293
CHR1	1275828	CHR1:1275828	SSF x LoA	-8,267	0,004	0,289
CHR1	1275873	CHR1:1275873	SSF x LoA	-9,121	0,026	0,296
CHR1	1275882	CHR1:1275882	SSF x LoA	-7,752	0,137	0,269
CHR1	1275957	CHR1:1275957	SSF x LoA	-9,474	-0,006	0,295
CHR1	1276153	CHR1:1276153	SSF x LoA	-7,219	0,034	0,282
CHR1	12766340	CHR1:12766340	SSF x LoA	-6,880	-0,059	0,289
CHR1	12766341	CHR1:12766341	SSF x LoA	-2,748	0,089	0,283
CHR1	12766396	CHR1:12766396	SSF x LoA	-8,539	0,005	0,288
CHR1	12766621	CHR1:12766621	SSF x LoA	-7,552	-0,118	0,276
CHR1	12769505	CHR1:12769505	SSF x LoA	-7,637	0,115	0,289
CHR1	1278583	CHR1:1278583	SSF x LoA	-10,599	0,001	0,275
CHR1	1278590	CHR1:1278590	SSF x LoA	-9,991	-0,010	0,279
CHR1	1278612	CHR1:1278612	SSF x LoA	-9,568	0,012	0,289
CHR1	1278626	CHR1:1278626	SSF x LoA	-11,393	-0,073	0,284
CHR1	12788161	CHR1:12788161	SSF x LoA	-10,932	0,085	0,286
CHR1	12824486	CHR1:12824486	SSF x LoA	-10,058	0,001	0,279
CHR1	12837397	CHR1:12837397	SSF x LoA	-10,568	0,082	0,294
CHR1	12842699	CHR1:12842699	SSF x LoA	-8,511	-0,053	0,297
CHR1	12842747	CHR1:12842747	SSF x LoA	-9,977	0,100	0,281
CHR1	12842779	CHR1:12842779	SSF x LoA	-10,004	0,097	0,289
CHR1	12842829	CHR1:12842829	SSF x LoA	-11,430	-0,046	0,284
CHR1	12843097	CHR1:12843097	SSF x LoA	-8,951	-0,174	0,279
CHR1	12844270	CHR1:12844270	SSF x LoA	-6,842	0,023	0,303
CHR1	12855160	CHR1:12855160	SSF x LoA	-8,550	-0,029	0,304
CHR1	12855182	CHR1:12855182	SSF x LoA	-9,032	0,059	0,284
CHR1	12855279	CHR1:12855279	SSF x LoA	-7,161	-0,139	0,297
CHR1	12855424	CHR1:12855424	SSF x LoA	-5,764	0,070	0,284
CHR1	12855447	CHR1:12855447	SSF x LoA	-9,333	0,006	0,311
CHR1	12883713	CHR1:12883713	SSF x LoA	-6,256	0,148	0,282
CHR1	12883971	CHR1:12883971	SSF x LoA	-9,177	0,004	0,294
CHR1	12884043	CHR1:12884043	SSF x LoA	-7,333	-0,001	0,294
CHR1	12884052	CHR1:12884052	SSF x LoA	-7,995	0,027	0,278
CHR1	12895277	CHR1:12895277	SSF x LoA	-9,991	-0,088	0,287
CHR1	12910365	CHR1:12910365	SSF x LoA	-9,478	-0,081	0,298
CHR1	12910409	CHR1:12910409	SSF x LoA	-10,407	-0,126	0,274
CHR1	12910494	CHR1:12910494	SSF x LoA	-8,057	0,043	0,293
CHR1	12910496	CHR1:12910496	SSF x LoA	-8,895	0,068	0,300
CHR1	12910497	CHR1:12910497	SSF x LoA	-8,587	0,022	0,297
CHR1	12910528	CHR1:12910528	SSF x LoA	-8,445	0,026	0,294
CHR1	12910536	CHR1:12910536	SSF x LoA	-10,487	0,019	0,284
CHR1	12911644	CHR1:12911644	SSF x LoA	-7,359	-0,078	0,291
CHR1	12912964	CHR1:12912964	SSF x LoA	-8,840	0,061	0,298
CHR1	12913169	CHR1:12913169	SSF x LoA	-9,613	0,020	0,282

CHR1	12935044	CHR1:12935044	SSF x LoA	-7,809	0,129	0,281
CHR1	12978698	CHR1:12978698	SSF x LoA	-8,976	0,100	0,295
CHR1	12986426	CHR1:12986426	SSF x LoA	-11,468	-0,049	0,288
CHR1	12986524	CHR1:12986524	SSF x LoA	-8,156	-0,009	0,291
CHR1	12986558	CHR1:12986558	SSF x LoA	-8,021	0,065	0,290
CHR1	12986731	CHR1:12986731	SSF x LoA	-7,613	0,032	0,297
CHR1	13002452	CHR1:13002452	SSF x LoA	-7,505	-0,050	0,304
CHR1	13002601	CHR1:13002601	SSF x LoA	-10,533	0,108	0,286
CHR1	13002602	CHR1:13002602	SSF x LoA	-10,089	-0,122	0,279
CHR1	13018846	CHR1:13018846	SSF x LoA	-8,673	0,090	0,286
CHR1	13026234	CHR1:13026234	SSF x LoA	-8,361	0,144	0,289
CHR1	13030206	CHR1:13030206	SSF x LoA	-7,847	-0,079	0,272
CHR1	13046429	CHR1:13046429	SSF x LoA	-10,092	0,017	0,289
CHR1	13046518	CHR1:13046518	SSF x LoA	-9,511	-0,021	0,284
CHR1	13068867	CHR1:13068867	SSF x LoA	-8,915	-0,034	0,298
CHR1	1308561	CHR1:1308561	SSF x LoA	-11,776	-0,031	0,270
CHR1	1308777	CHR1:1308777	SSF x LoA	-7,456	0,053	0,292
CHR1	1308789	CHR1:1308789	SSF x LoA	-2,352	-0,125	0,296
CHR1	1308892	CHR1:1308892	SSF x LoA	-8,804	0,052	0,270
CHR1	1308903	CHR1:1308903	SSF x LoA	-5,717	0,224	0,261
CHR1	1308920	CHR1:1308920	SSF x LoA	-5,839	0,136	0,287
CHR1	13104439	CHR1:13104439	SSF x LoA	-9,025	0,100	0,296
CHR1	13104711	CHR1:13104711	SSF x LoA	-6,977	0,108	0,281
CHR1	13110850	CHR1:13110850	SSF x LoA	-10,097	0,034	0,291
CHR1	13115197	CHR1:13115197	SSF x LoA	-6,092	0,088	0,279
CHR1	13127181	CHR1:13127181	SSF x LoA	-5,834	0,105	0,293
CHR1	13127185	CHR1:13127185	SSF x LoA	-11,141	-0,031	0,295
CHR1	13127366	CHR1:13127366	SSF x LoA	-11,458	-0,049	0,289
CHR1	13127383	CHR1:13127383	SSF x LoA	-8,093	-0,058	0,293
CHR1	13149141	CHR1:13149141	SSF x LoA	-9,352	-0,027	0,271
CHR1	13150609	CHR1:13150609	SSF x LoA	-7,021	0,095	0,285
CHR1	13150636	CHR1:13150636	SSF x LoA	-7,907	0,050	0,288
CHR1	13152062	CHR1:13152062	SSF x LoA	-4,073	-0,046	0,294
CHR1	13152067	CHR1:13152067	SSF x LoA	-8,172	-0,041	0,293
CHR1	13152099	CHR1:13152099	SSF x LoA	-9,155	-0,067	0,291
CHR1	1320475	CHR1:1320475	SSF x LoA	-4,031	0,105	0,282
CHR1	13205358	CHR1:13205358	SSF x LoA	-10,211	0,025	0,286
CHR1	13222387	CHR1:13222387	SSF x LoA	-9,044	-0,081	0,304
CHR1	13222411	CHR1:13222411	SSF x LoA	-9,575	-0,105	0,272
CHR1	13222457	CHR1:13222457	SSF x LoA	-9,420	0,095	0,295
CHR1	13222644	CHR1:13222644	SSF x LoA	-10,856	0,017	0,283
CHR1	13222849	CHR1:13222849	SSF x LoA	-9,891	0,043	0,279
CHR1	13229356	CHR1:13229356	SSF x LoA	-9,395	0,066	0,292
CHR1	13229462	CHR1:13229462	SSF x LoA	-8,305	0,016	0,299
CHR1	13234745	CHR1:13234745	SSF x LoA	-9,899	-0,021	0,284
CHR1	13237735	CHR1:13237735	SSF x LoA	-8,633	0,054	0,289
CHR1	13238053	CHR1:13238053	SSF x LoA	-6,962	-0,026	0,296
CHR1	13238141	CHR1:13238141	SSF x LoA	-9,859	-0,017	0,293
CHR1	13252435	CHR1:13252435	SSF x LoA	-10,085	0,114	0,297
CHR1	13260712	CHR1:13260712	SSF x LoA	-7,925	0,097	0,289
CHR1	13261034	CHR1:13261034	SSF x LoA	-9,336	-0,004	0,300
CHR1	13273050	CHR1:13273050	SSF x LoA	-1,572	0,149	0,289
CHR1	13283503	CHR1:13283503	SSF x LoA	-6,838	0,084	0,284

CHR1	13291844	CHR1:13291844	SSF x LoA	-8,610	0,045	0,287
CHR1	13311144	CHR1:13311144	SSF x LoA	-9,441	0,044	0,292
CHR1	13324891	CHR1:13324891	SSF x LoA	-7,749	-0,059	0,294
CHR1	13337758	CHR1:13337758	SSF x LoA	-9,600	-0,005	0,300
CHR1	13337950	CHR1:13337950	SSF x LoA	-5,170	0,112	0,290
CHR1	13341860	CHR1:13341860	SSF x LoA	-5,432	0,001	0,293
CHR1	1334402	CHR1:1334402	SSF x LoA	-8,051	0,045	0,277
CHR1	1334495	CHR1:1334495	SSF x LoA	-10,213	-0,102	0,290
CHR1	13348318	CHR1:13348318	SSF x LoA	-8,744	-0,046	0,306
CHR1	13350695	CHR1:13350695	SSF x LoA	-8,732	-0,062	0,278
CHR1	1335459	CHR1:1335459	SSF x LoA	-10,416	0,034	0,304
CHR1	1335904	CHR1:1335904	SSF x LoA	-8,234	0,035	0,290
CHR1	13372473	CHR1:13372473	SSF x LoA	-10,864	-0,011	0,286
CHR1	13372522	CHR1:13372522	SSF x LoA	-7,968	-0,029	0,290
CHR1	13372549	CHR1:13372549	SSF x LoA	-8,160	0,132	0,289
CHR1	13372631	CHR1:13372631	SSF x LoA	-7,195	0,094	0,283
CHR1	13372688	CHR1:13372688	SSF x LoA	-9,992	0,075	0,292
CHR1	13379164	CHR1:13379164	SSF x LoA	7,950	-0,237	0,288
CHR1	13379178	CHR1:13379178	SSF x LoA	-9,504	0,024	0,302
CHR1	13379261	CHR1:13379261	SSF x LoA	-9,522	-0,025	0,292
CHR1	1338125	CHR1:1338125	SSF x LoA	-10,718	0,061	0,286
CHR1	1338326	CHR1:1338326	SSF x LoA	-8,497	-0,107	0,288
CHR1	13392824	CHR1:13392824	SSF x LoA	-9,715	0,088	0,295
CHR1	13392888	CHR1:13392888	SSF x LoA	-9,719	0,030	0,293
CHR1	13403947	CHR1:13403947	SSF x LoA	3,605	0,130	0,291
CHR1	13404031	CHR1:13404031	SSF x LoA	-9,052	0,092	0,283
CHR1	13404038	CHR1:13404038	SSF x LoA	-7,676	0,088	0,305
CHR1	13418287	CHR1:13418287	SSF x LoA	-8,257	-0,042	0,297
CHR1	13419755	CHR1:13419755	SSF x LoA	1,112	-0,142	0,273
CHR1	13431021	CHR1:13431021	SSF x LoA	-11,520	0,103	0,269
CHR1	1343852	CHR1:1343852	SSF x LoA	-10,215	-0,008	0,290
CHR1	13439617	CHR1:13439617	SSF x LoA	-8,577	-0,057	0,293
CHR1	1343995	CHR1:1343995	SSF x LoA	-8,224	-0,156	0,285
CHR1	1344008	CHR1:1344008	SSF x LoA	-4,707	0,178	0,293
CHR1	1344029	CHR1:1344029	SSF x LoA	-5,053	0,113	0,294
CHR1	13444957	CHR1:13444957	SSF x LoA	-9,602	-0,008	0,289
CHR1	13460868	CHR1:13460868	SSF x LoA	-8,419	-0,093	0,282
CHR1	13461089	CHR1:13461089	SSF x LoA	-9,152	0,020	0,273
CHR1	13465950	CHR1:13465950	SSF x LoA	-7,675	0,112	0,256
CHR1	13466056	CHR1:13466056	SSF x LoA	-6,414	-0,097	0,293
CHR1	13466079	CHR1:13466079	SSF x LoA	-4,516	0,166	0,262
CHR1	13466172	CHR1:13466172	SSF x LoA	-9,423	-0,012	0,287
CHR1	13466224	CHR1:13466224	SSF x LoA	-8,837	0,058	0,287
CHR1	13479123	CHR1:13479123	SSF x LoA	-10,595	0,055	0,299
CHR1	13519533	CHR1:13519533	SSF x LoA	-3,755	-0,218	0,270
CHR1	13548806	CHR1:13548806	SSF x LoA	-10,713	-0,039	0,299
CHR1	13548814	CHR1:13548814	SSF x LoA	-6,989	0,142	0,280
CHR1	13549101	CHR1:13549101	SSF x LoA	-10,917	0,041	0,289
CHR1	13549122	CHR1:13549122	SSF x LoA	-7,235	0,151	0,284
CHR1	13572138	CHR1:13572138	SSF x LoA	-9,347	0,099	0,282
CHR1	1357943	CHR1:1357943	SSF x LoA	-8,222	-0,073	0,294
CHR1	1358003	CHR1:1358003	SSF x LoA	-8,754	0,007	0,287
CHR1	13581286	CHR1:13581286	SSF x LoA	-8,954	-0,123	0,277

CHR1	13611578	CHR1:13611578	SSF x LoA	-10,036	0,046	0,290
CHR1	13611605	CHR1:13611605	SSF x LoA	-10,720	-0,021	0,298
CHR1	13611623	CHR1:13611623	SSF x LoA	-6,490	0,095	0,284
CHR1	13611762	CHR1:13611762	SSF x LoA	-8,669	0,014	0,294
CHR1	13611810	CHR1:13611810	SSF x LoA	-10,355	0,061	0,299
CHR1	1361849	CHR1:1361849	SSF x LoA	-7,613	0,093	0,275
CHR1	13636894	CHR1:13636894	SSF x LoA	-8,541	0,103	0,281
CHR1	13651382	CHR1:13651382	SSF x LoA	-6,904	-0,124	0,285
CHR1	13651433	CHR1:13651433	SSF x LoA	-4,495	-0,119	0,280
CHR1	13651454	CHR1:13651454	SSF x LoA	-10,072	-0,061	0,295
CHR1	13665301	CHR1:13665301	SSF x LoA	-8,694	-0,038	0,292
CHR1	13668009	CHR1:13668009	SSF x LoA	-9,108	0,117	0,300
CHR1	13680463	CHR1:13680463	SSF x LoA	-5,949	0,076	0,277
CHR1	13680481	CHR1:13680481	SSF x LoA	-9,743	0,080	0,292
CHR1	13681547	CHR1:13681547	SSF x LoA	-9,010	-0,123	0,283
CHR1	13690946	CHR1:13690946	SSF x LoA	-9,720	-0,036	0,285
CHR1	13712245	CHR1:13712245	SSF x LoA	-7,967	0,055	0,298
CHR1	13720297	CHR1:13720297	SSF x LoA	-8,525	0,010	0,295
CHR1	13724445	CHR1:13724445	SSF x LoA	-8,157	-0,056	0,275
CHR1	13724471	CHR1:13724471	SSF x LoA	-10,031	-0,005	0,284
CHR1	13733789	CHR1:13733789	SSF x LoA	-10,138	-0,105	0,296
CHR1	13751006	CHR1:13751006	SSF x LoA	-4,835	0,104	0,275
CHR1	13751068	CHR1:13751068	SSF x LoA	-9,294	0,076	0,294
CHR1	13757607	CHR1:13757607	SSF x LoA	-9,271	0,048	0,296
CHR1	13757625	CHR1:13757625	SSF x LoA	-7,306	0,083	0,295
CHR1	13757676	CHR1:13757676	SSF x LoA	-8,071	-0,021	0,297
CHR1	13757847	CHR1:13757847	SSF x LoA	-10,823	-0,045	0,290
CHR1	1376874	CHR1:1376874	SSF x LoA	0,386	0,161	0,288
CHR1	1376875	CHR1:1376875	SSF x LoA	-7,861	0,180	0,274
CHR1	1376940	CHR1:1376940	SSF x LoA	-9,415	0,025	0,303
CHR1	1376972	CHR1:1376972	SSF x LoA	-3,095	-0,206	0,277
CHR1	1377011	CHR1:1377011	SSF x LoA	-7,062	-0,149	0,302
CHR1	1377024	CHR1:1377024	SSF x LoA	-8,500	0,030	0,283
CHR1	1377045	CHR1:1377045	SSF x LoA	-8,454	0,062	0,278
CHR1	13780907	CHR1:13780907	SSF x LoA	-5,793	0,156	0,303
CHR1	13781023	CHR1:13781023	SSF x LoA	-8,474	0,084	0,292
CHR1	13781048	CHR1:13781048	SSF x LoA	-10,872	-0,080	0,284
CHR1	13810352	CHR1:13810352	SSF x LoA	-7,984	-0,054	0,275
CHR1	13810377	CHR1:13810377	SSF x LoA	-9,155	0,050	0,288
CHR1	13810547	CHR1:13810547	SSF x LoA	-8,317	0,057	0,279
CHR1	13810595	CHR1:13810595	SSF x LoA	-9,079	0,042	0,281
CHR1	13872156	CHR1:13872156	SSF x LoA	-8,740	0,088	0,279
CHR1	13897616	CHR1:13897616	SSF x LoA	-6,741	0,070	0,299
CHR1	13897741	CHR1:13897741	SSF x LoA	-10,428	0,022	0,278
CHR1	13897851	CHR1:13897851	SSF x LoA	-8,639	0,086	0,293
CHR1	13905579	CHR1:13905579	SSF x LoA	-9,233	0,039	0,291
CHR1	13916463	CHR1:13916463	SSF x LoA	-9,887	0,016	0,286
CHR1	13916561	CHR1:13916561	SSF x LoA	-9,102	0,093	0,286
CHR1	13916644	CHR1:13916644	SSF x LoA	-7,885	-0,005	0,281
CHR1	13916657	CHR1:13916657	SSF x LoA	-9,418	-0,002	0,284
CHR1	13940596	CHR1:13940596	SSF x LoA	-9,269	0,127	0,301
CHR1	13945865	CHR1:13945865	SSF x LoA	-3,969	-0,015	0,300
CHR1	13945877	CHR1:13945877	SSF x LoA	-7,833	-0,027	0,311

CHR1	13959791	CHR1:13959791	SSF x LoA	-10,793	0,038	0,283
CHR1	13990458	CHR1:13990458	SSF x LoA	-10,118	0,076	0,288
CHR1	13995750	CHR1:13995750	SSF x LoA	-8,883	0,041	0,297
CHR1	13995845	CHR1:13995845	SSF x LoA	-10,249	0,081	0,295
CHR1	1400924	CHR1:1400924	SSF x LoA	-9,261	0,101	0,295
CHR1	14012883	CHR1:14012883	SSF x LoA	-7,855	0,059	0,295
CHR1	14012900	CHR1:14012900	SSF x LoA	-1,881	0,063	0,299
CHR1	14012940	CHR1:14012940	SSF x LoA	-8,015	0,072	0,296
CHR1	14013053	CHR1:14013053	SSF x LoA	-7,562	0,124	0,291
CHR1	14013119	CHR1:14013119	SSF x LoA	-7,784	0,118	0,288
CHR1	14030156	CHR1:14030156	SSF x LoA	-8,541	0,046	0,298
CHR1	14030273	CHR1:14030273	SSF x LoA	-8,903	0,031	0,294
CHR1	14044558	CHR1:14044558	SSF x LoA	-5,460	0,244	0,285
CHR1	14050317	CHR1:14050317	SSF x LoA	-11,353	-0,037	0,280
CHR1	14070053	CHR1:14070053	SSF x LoA	-8,155	-0,100	0,285
CHR1	14070095	CHR1:14070095	SSF x LoA	-8,890	-0,003	0,279
CHR1	14070139	CHR1:14070139	SSF x LoA	-8,615	0,028	0,287
CHR1	14079747	CHR1:14079747	SSF x LoA	-8,964	-0,092	0,281
CHR1	14079934	CHR1:14079934	SSF x LoA	-7,663	0,095	0,275
CHR1	14082446	CHR1:14082446	SSF x LoA	-5,984	-0,166	0,277
CHR1	14114399	CHR1:14114399	SSF x LoA	-7,777	-0,056	0,282
CHR1	1412822	CHR1:1412822	SSF x LoA	-7,251	-0,133	0,290
CHR1	1413003	CHR1:1413003	SSF x LoA	-6,009	-0,126	0,278
CHR1	14146760	CHR1:14146760	SSF x LoA	-9,318	-0,056	0,281
CHR1	14171261	CHR1:14171261	SSF x LoA	-8,080	-0,072	0,287
CHR1	14181838	CHR1:14181838	SSF x LoA	-7,129	0,126	0,294
CHR1	14197568	CHR1:14197568	SSF x LoA	-10,373	0,070	0,296
CHR1	14205747	CHR1:14205747	SSF x LoA	-7,956	0,042	0,301
CHR1	14209584	CHR1:14209584	SSF x LoA	-8,812	-0,047	0,288
CHR1	14209594	CHR1:14209594	SSF x LoA	-8,468	-0,018	0,285
CHR1	1424983	CHR1:1424983	SSF x LoA	-8,167	-0,003	0,300
CHR1	1424987	CHR1:1424987	SSF x LoA	-8,287	-0,007	0,299
CHR1	1424988	CHR1:1424988	SSF x LoA	-8,508	0,013	0,299
CHR1	1425024	CHR1:1425024	SSF x LoA	-8,824	0,129	0,281
CHR1	1425325	CHR1:1425325	SSF x LoA	-10,830	-0,014	0,302
CHR1	1425340	CHR1:1425340	SSF x LoA	-4,128	-0,111	0,292
CHR1	14274838	CHR1:14274838	SSF x LoA	-11,357	0,053	0,286
CHR1	14291889	CHR1:14291889	SSF x LoA	-10,090	0,029	0,295
CHR1	14292062	CHR1:14292062	SSF x LoA	-9,599	-0,002	0,289
CHR1	14308375	CHR1:14308375	SSF x LoA	-9,916	0,121	0,293
CHR1	14329363	CHR1:14329363	SSF x LoA	-8,181	-0,064	0,296
CHR1	14329776	CHR1:14329776	SSF x LoA	-9,407	-0,117	0,290
CHR1	14341808	CHR1:14341808	SSF x LoA	-10,257	-0,110	0,290
CHR1	14389720	CHR1:14389720	SSF x LoA	-5,282	0,135	0,296
CHR1	14389775	CHR1:14389775	SSF x LoA	-3,281	0,141	0,300
CHR1	14389853	CHR1:14389853	SSF x LoA	-8,583	-0,007	0,298
CHR1	14427836	CHR1:14427836	SSF x LoA	-10,125	-0,056	0,294
CHR1	14427900	CHR1:14427900	SSF x LoA	-7,453	-0,183	0,278
CHR1	14428004	CHR1:14428004	SSF x LoA	-9,404	0,039	0,302
CHR1	14428020	CHR1:14428020	SSF x LoA	-9,014	0,067	0,285
CHR1	14428657	CHR1:14428657	SSF x LoA	-6,265	-0,200	0,271
CHR1	14428699	CHR1:14428699	SSF x LoA	-7,974	0,037	0,301
CHR1	14428753	CHR1:14428753	SSF x LoA	-9,633	0,063	0,302

CHR1	14437499	CHR1:14437499	SSF x LoA	-10,293	0,062	0,290
CHR1	14437674	CHR1:14437674	SSF x LoA	-6,560	0,088	0,306
CHR1	14455251	CHR1:14455251	SSF x LoA	-7,508	0,099	0,306
CHR1	1445820	CHR1:1445820	SSF x LoA	-5,172	0,118	0,300
CHR1	1445982	CHR1:1445982	SSF x LoA	-9,934	-0,036	0,287
CHR1	1446030	CHR1:1446030	SSF x LoA	-9,820	-0,037	0,281
CHR1	14481850	CHR1:14481850	SSF x LoA	-6,971	0,130	0,288
CHR1	14497487	CHR1:14497487	SSF x LoA	-7,878	-0,044	0,293
CHR1	14509773	CHR1:14509773	SSF x LoA	-9,050	-0,031	0,289
CHR1	14510050	CHR1:14510050	SSF x LoA	-7,920	0,095	0,296
CHR1	14520646	CHR1:14520646	SSF x LoA	-7,893	0,073	0,302
CHR1	14520793	CHR1:14520793	SSF x LoA	-6,961	0,079	0,313
CHR1	14558894	CHR1:14558894	SSF x LoA	-8,515	0,028	0,288
CHR1	14567302	CHR1:14567302	SSF x LoA	-3,453	0,102	0,281
CHR1	14567337	CHR1:14567337	SSF x LoA	-7,411	0,096	0,297
CHR1	14576100	CHR1:14576100	SSF x LoA	-6,543	0,038	0,295
CHR1	14576101	CHR1:14576101	SSF x LoA	-8,458	0,020	0,290
CHR1	14576105	CHR1:14576105	SSF x LoA	-8,424	0,005	0,275
CHR1	14576125	CHR1:14576125	SSF x LoA	-7,604	-0,152	0,265
CHR1	14590011	CHR1:14590011	SSF x LoA	-7,054	0,116	0,285
CHR1	14605859	CHR1:14605859	SSF x LoA	-8,057	-0,158	0,290
CHR1	14605963	CHR1:14605963	SSF x LoA	-7,741	-0,091	0,281
CHR1	14606027	CHR1:14606027	SSF x LoA	-8,342	-0,128	0,275
CHR1	14627142	CHR1:14627142	SSF x LoA	-9,361	-0,076	0,282
CHR1	14689213	CHR1:14689213	SSF x LoA	-10,199	0,027	0,286
CHR1	14689222	CHR1:14689222	SSF x LoA	-9,160	0,030	0,296
CHR1	14692199	CHR1:14692199	SSF x LoA	-8,188	0,027	0,289
CHR1	14707692	CHR1:14707692	SSF x LoA	-7,836	0,043	0,297
CHR1	1472479	CHR1:1472479	SSF x LoA	-3,320	-0,132	0,283
CHR1	1476277	CHR1:1476277	SSF x LoA	-11,168	-0,035	0,282
CHR1	14765870	CHR1:14765870	SSF x LoA	-6,048	0,211	0,267
CHR1	14794376	CHR1:14794376	SSF x LoA	-10,847	0,010	0,283
CHR1	14794465	CHR1:14794465	SSF x LoA	-6,606	0,176	0,287
CHR1	14794470	CHR1:14794470	SSF x LoA	-8,288	0,186	0,280
CHR1	14794502	CHR1:14794502	SSF x LoA	-7,506	0,093	0,285
CHR1	14794507	CHR1:14794507	SSF x LoA	-10,129	-0,099	0,284
CHR1	14794586	CHR1:14794586	SSF x LoA	-8,942	0,024	0,289
CHR1	14794665	CHR1:14794665	SSF x LoA	-7,223	-0,023	0,293
CHR1	14820307	CHR1:14820307	SSF x LoA	-8,326	-0,120	0,287
CHR1	14820342	CHR1:14820342	SSF x LoA	-11,133	0,051	0,279
CHR1	14820388	CHR1:14820388	SSF x LoA	-11,038	0,031	0,255
CHR1	14827088	CHR1:14827088	SSF x LoA	-9,072	0,018	0,299
CHR1	14827256	CHR1:14827256	SSF x LoA	-7,679	-0,092	0,282
CHR1	14827262	CHR1:14827262	SSF x LoA	-8,151	-0,061	0,289
CHR1	14827269	CHR1:14827269	SSF x LoA	-7,730	-0,036	0,299
CHR1	14827297	CHR1:14827297	SSF x LoA	-8,681	0,097	0,285
CHR1	14829865	CHR1:14829865	SSF x LoA	-8,729	-0,021	0,297
CHR1	14842941	CHR1:14842941	SSF x LoA	-9,030	-0,035	0,284
CHR1	14843029	CHR1:14843029	SSF x LoA	-8,077	0,031	0,287
CHR1	14843044	CHR1:14843044	SSF x LoA	-8,429	0,068	0,274
CHR1	14843075	CHR1:14843075	SSF x LoA	-8,936	-0,117	0,288
CHR1	14843112	CHR1:14843112	SSF x LoA	-10,736	-0,087	0,289
CHR1	14843115	CHR1:14843115	SSF x LoA	-7,916	-0,136	0,281

CHR1	14852068	CHR1:14852068	SSF x LoA	-9,068	-0,059	0,293
CHR1	14853093	CHR1:14853093	SSF x LoA	-9,360	0,002	0,284
CHR1	14853114	CHR1:14853114	SSF x LoA	-3,044	0,103	0,303
CHR1	14853121	CHR1:14853121	SSF x LoA	-8,165	-0,077	0,290
CHR1	14853122	CHR1:14853122	SSF x LoA	-6,762	-0,046	0,290
CHR1	14853140	CHR1:14853140	SSF x LoA	-9,422	-0,003	0,283
CHR1	14853149	CHR1:14853149	SSF x LoA	-7,923	-0,016	0,291
CHR1	14859264	CHR1:14859264	SSF x LoA	-9,984	0,036	0,286
CHR1	14859299	CHR1:14859299	SSF x LoA	-10,884	0,023	0,289
CHR1	14859313	CHR1:14859313	SSF x LoA	-9,314	-0,062	0,290
CHR1	14859358	CHR1:14859358	SSF x LoA	-8,208	0,090	0,290
CHR1	14859369	CHR1:14859369	SSF x LoA	-6,844	0,064	0,299
CHR1	14859387	CHR1:14859387	SSF x LoA	-7,531	0,067	0,303
CHR1	14859423	CHR1:14859423	SSF x LoA	-6,118	0,063	0,303
CHR1	14878271	CHR1:14878271	SSF x LoA	-7,783	-0,013	0,287
CHR1	14893857	CHR1:14893857	SSF x LoA	-8,896	0,115	0,288
CHR1	14903681	CHR1:14903681	SSF x LoA	-10,555	-0,050	0,287
CHR1	14921721	CHR1:14921721	SSF x LoA	-8,134	0,036	0,294
CHR1	14968131	CHR1:14968131	SSF x LoA	-7,265	-0,136	0,279
CHR1	14968288	CHR1:14968288	SSF x LoA	-9,570	0,078	0,283
CHR1	14968362	CHR1:14968362	SSF x LoA	-9,159	-0,018	0,303
CHR1	14968493	CHR1:14968493	SSF x LoA	-7,244	-0,085	0,271
CHR1	14973633	CHR1:14973633	SSF x LoA	-7,709	-0,069	0,290
CHR1	14973657	CHR1:14973657	SSF x LoA	-8,613	-0,095	0,286
CHR1	14973666	CHR1:14973666	SSF x LoA	-8,853	-0,077	0,291
CHR1	14973690	CHR1:14973690	SSF x LoA	-4,393	-0,067	0,300
CHR1	14988232	CHR1:14988232	SSF x LoA	-9,696	0,020	0,297
CHR1	14990029	CHR1:14990029	SSF x LoA	-10,041	-0,009	0,280
CHR1	14990030	CHR1:14990030	SSF x LoA	-8,744	-0,041	0,288
CHR1	14990041	CHR1:14990041	SSF x LoA	-8,750	-0,001	0,274
CHR1	14990099	CHR1:14990099	SSF x LoA	-7,551	0,026	0,284
CHR1	14991585	CHR1:14991585	SSF x LoA	-7,644	-0,013	0,302
CHR1	14996381	CHR1:14996381	SSF x LoA	-10,203	-0,075	0,285
CHR1	15007073	CHR1:15007073	SSF x LoA	-2,113	-0,284	0,263
CHR1	15020730	CHR1:15020730	SSF x LoA	-5,580	-0,012	0,285
CHR1	15020793	CHR1:15020793	SSF x LoA	-2,849	0,168	0,294
CHR1	15020797	CHR1:15020797	SSF x LoA	-4,440	0,155	0,298
CHR1	15020845	CHR1:15020845	SSF x LoA	-10,043	0,037	0,291
CHR1	15020846	CHR1:15020846	SSF x LoA	-10,272	0,004	0,288
CHR1	15020870	CHR1:15020870	SSF x LoA	-8,320	0,117	0,293
CHR1	15020886	CHR1:15020886	SSF x LoA	-7,649	0,138	0,283
CHR1	15020898	CHR1:15020898	SSF x LoA	-6,560	0,173	0,284
CHR1	15028937	CHR1:15028937	SSF x LoA	-9,353	0,024	0,286
CHR1	15046038	CHR1:15046038	SSF x LoA	-8,563	-0,016	0,292
CHR1	15046071	CHR1:15046071	SSF x LoA	-10,043	-0,034	0,301
CHR1	15046092	CHR1:15046092	SSF x LoA	-10,903	-0,021	0,284
CHR1	15046104	CHR1:15046104	SSF x LoA	-8,342	0,012	0,290
CHR1	15046120	CHR1:15046120	SSF x LoA	-7,912	-0,058	0,293
CHR1	15046149	CHR1:15046149	SSF x LoA	-8,923	-0,056	0,275
CHR1	15046173	CHR1:15046173	SSF x LoA	-7,528	-0,009	0,302
CHR1	15046187	CHR1:15046187	SSF x LoA	-7,640	-0,019	0,305
CHR1	15053082	CHR1:15053082	SSF x LoA	-7,977	0,061	0,292
CHR1	15053135	CHR1:15053135	SSF x LoA	-6,539	-0,141	0,284

CHR1	15053179	CHR1:15053179	SSF x LoA	-7,776	0,037	0,290
CHR1	15053209	CHR1:15053209	SSF x LoA	-10,479	-0,038	0,293
CHR1	15053247	CHR1:15053247	SSF x LoA	-8,711	-0,030	0,294
CHR1	15103387	CHR1:15103387	SSF x LoA	-10,253	-0,080	0,297
CHR1	15103392	CHR1:15103392	SSF x LoA	-1,865	0,084	0,295
CHR1	15103441	CHR1:15103441	SSF x LoA	-9,821	-0,086	0,297
CHR1	15103470	CHR1:15103470	SSF x LoA	-10,992	-0,079	0,286
CHR1	15103484	CHR1:15103484	SSF x LoA	-7,065	0,055	0,288
CHR1	15109003	CHR1:15109003	SSF x LoA	-5,658	-0,039	0,310
CHR1	15109030	CHR1:15109030	SSF x LoA	-7,576	-0,059	0,292
CHR1	15110624	CHR1:15110624	SSF x LoA	-7,280	0,054	0,303
CHR1	15112858	CHR1:15112858	SSF x LoA	-5,949	-0,082	0,283
CHR1	15115288	CHR1:15115288	SSF x LoA	-10,528	-0,130	0,288
CHR1	15115303	CHR1:15115303	SSF x LoA	-8,794	0,001	0,303
CHR1	15115341	CHR1:15115341	SSF x LoA	-7,256	-0,002	0,298
CHR1	15115417	CHR1:15115417	SSF x LoA	-8,358	-0,044	0,287
CHR1	15139065	CHR1:15139065	SSF x LoA	-11,019	-0,043	0,279
CHR1	15139101	CHR1:15139101	SSF x LoA	-7,465	-0,112	0,277
CHR1	15139310	CHR1:15139310	SSF x LoA	-8,820	-0,058	0,293
CHR1	15168158	CHR1:15168158	SSF x LoA	-8,884	0,019	0,293
CHR1	15168194	CHR1:15168194	SSF x LoA	-7,326	0,032	0,298
CHR1	15168297	CHR1:15168297	SSF x LoA	-9,585	0,079	0,288
CHR1	15168374	CHR1:15168374	SSF x LoA	-10,321	-0,003	0,289
CHR1	15168375	CHR1:15168375	SSF x LoA	-11,569	-0,031	0,290
CHR1	15168383	CHR1:15168383	SSF x LoA	-9,111	0,063	0,295
CHR1	15168446	CHR1:15168446	SSF x LoA	-4,175	-0,161	0,282
CHR1	15189409	CHR1:15189409	SSF x LoA	-11,122	-0,040	0,285
CHR1	15189424	CHR1:15189424	SSF x LoA	-7,727	-0,042	0,300
CHR1	15189426	CHR1:15189426	SSF x LoA	-7,898	-0,036	0,299
CHR1	15194548	CHR1:15194548	SSF x LoA	-6,933	-0,091	0,307
CHR1	15204061	CHR1:15204061	SSF x LoA	-7,457	0,047	0,302
CHR1	15204117	CHR1:15204117	SSF x LoA	-7,036	-0,101	0,301
CHR1	15204293	CHR1:15204293	SSF x LoA	-8,370	-0,093	0,294
CHR1	15204315	CHR1:15204315	SSF x LoA	-8,964	-0,029	0,297
CHR1	15204338	CHR1:15204338	SSF x LoA	-5,958	0,212	0,268
CHR1	15204341	CHR1:15204341	SSF x LoA	-7,360	0,089	0,297
CHR1	15204348	CHR1:15204348	SSF x LoA	-8,084	-0,082	0,278
CHR1	15204371	CHR1:15204371	SSF x LoA	-6,409	-0,127	0,280
CHR1	15204379	CHR1:15204379	SSF x LoA	-7,106	-0,069	0,289
CHR1	15204395	CHR1:15204395	SSF x LoA	4,887	0,246	0,279
CHR1	15207505	CHR1:15207505	SSF x LoA	-9,089	0,031	0,298
CHR1	15207510	CHR1:15207510	SSF x LoA	-6,144	-0,120	0,273
CHR1	15207543	CHR1:15207543	SSF x LoA	-10,387	0,009	0,282
CHR1	15207560	CHR1:15207560	SSF x LoA	-8,876	-0,019	0,283
CHR1	15207566	CHR1:15207566	SSF x LoA	-7,289	0,137	0,297
CHR1	15218242	CHR1:15218242	SSF x LoA	-8,863	0,092	0,294
CHR1	15218274	CHR1:15218274	SSF x LoA	-10,336	0,023	0,283
CHR1	15218331	CHR1:15218331	SSF x LoA	-4,872	-0,078	0,295
CHR1	15218377	CHR1:15218377	SSF x LoA	-7,087	-0,068	0,292
CHR1	15218527	CHR1:15218527	SSF x LoA	-8,013	-0,016	0,286
CHR1	15220102	CHR1:15220102	SSF x LoA	-7,247	-0,031	0,276
CHR1	15220341	CHR1:15220341	SSF x LoA	-9,080	-0,076	0,297
CHR1	15245990	CHR1:15245990	SSF x LoA	-8,033	-0,065	0,278

CHR1	15246026	CHR1:15246026	SSF x LoA	-9,665	0,009	0,289
CHR1	15246044	CHR1:15246044	SSF x LoA	-7,242	0,101	0,276
CHR1	15246205	CHR1:15246205	SSF x LoA	-9,489	0,086	0,272
CHR1	15246284	CHR1:15246284	SSF x LoA	-9,057	0,139	0,285
CHR1	15250846	CHR1:15250846	SSF x LoA	-8,544	0,014	0,286
CHR1	15250852	CHR1:15250852	SSF x LoA	-6,527	0,014	0,298
CHR1	15250853	CHR1:15250853	SSF x LoA	-7,931	0,021	0,295
CHR1	15265064	CHR1:15265064	SSF x LoA	-10,475	0,027	0,298
CHR1	15265108	CHR1:15265108	SSF x LoA	-9,796	-0,014	0,298
CHR1	15265147	CHR1:15265147	SSF x LoA	-8,805	-0,047	0,277
CHR1	15265156	CHR1:15265156	SSF x LoA	-7,894	-0,057	0,285
CHR1	15265177	CHR1:15265177	SSF x LoA	-9,248	-0,028	0,273
CHR1	15267688	CHR1:15267688	SSF x LoA	-7,806	0,137	0,293
CHR1	15267729	CHR1:15267729	SSF x LoA	-9,886	-0,118	0,290
CHR1	15267879	CHR1:15267879	SSF x LoA	-8,556	-0,062	0,292
CHR1	15267901	CHR1:15267901	SSF x LoA	-8,734	0,016	0,282
CHR1	15286135	CHR1:15286135	SSF x LoA	-7,539	-0,087	0,304
CHR1	15286230	CHR1:15286230	SSF x LoA	-5,367	-0,195	0,281
CHR1	15286253	CHR1:15286253	SSF x LoA	-8,171	-0,001	0,292
CHR1	15286263	CHR1:15286263	SSF x LoA	-8,528	0,070	0,290
CHR1	15286265	CHR1:15286265	SSF x LoA	-8,584	-0,002	0,282
CHR1	15286294	CHR1:15286294	SSF x LoA	-9,177	0,037	0,299
CHR1	15301447	CHR1:15301447	SSF x LoA	-7,237	0,178	0,279
CHR1	15325411	CHR1:15325411	SSF x LoA	-9,126	-0,045	0,293
CHR1	15326027	CHR1:15326027	SSF x LoA	-9,047	-0,018	0,290
CHR1	15330490	CHR1:15330490	SSF x LoA	-9,616	-0,080	0,285
CHR1	15337794	CHR1:15337794	SSF x LoA	-8,704	-0,069	0,290
CHR1	15337828	CHR1:15337828	SSF x LoA	-8,853	-0,062	0,274
CHR1	15339260	CHR1:15339260	SSF x LoA	-7,429	-0,068	0,284
CHR1	15339261	CHR1:15339261	SSF x LoA	-7,549	0,006	0,300
CHR1	15339299	CHR1:15339299	SSF x LoA	-7,109	0,006	0,284
CHR1	15339304	CHR1:15339304	SSF x LoA	-3,817	-0,010	0,279
CHR1	15339340	CHR1:15339340	SSF x LoA	-8,359	-0,003	0,282
CHR1	15339343	CHR1:15339343	SSF x LoA	-5,424	-0,196	0,283
CHR1	15360927	CHR1:15360927	SSF x LoA	-8,089	0,104	0,271
CHR1	15361094	CHR1:15361094	SSF x LoA	-7,971	0,064	0,297
CHR1	1536125	CHR1:1536125	SSF x LoA	-11,748	0,027	0,283
CHR1	15382066	CHR1:15382066	SSF x LoA	-5,566	0,122	0,284
CHR1	15384252	CHR1:15384252	SSF x LoA	-9,458	0,003	0,303
CHR1	15384334	CHR1:15384334	SSF x LoA	-9,563	-0,097	0,291
CHR1	1542054	CHR1:1542054	SSF x LoA	-7,949	0,066	0,286
CHR1	1542055	CHR1:1542055	SSF x LoA	-6,820	0,082	0,294
CHR1	1542194	CHR1:1542194	SSF x LoA	-8,975	0,165	0,274
CHR1	1542286	CHR1:1542286	SSF x LoA	-10,607	-0,030	0,286
CHR1	1542303	CHR1:1542303	SSF x LoA	-5,515	0,184	0,282
CHR1	1542310	CHR1:1542310	SSF x LoA	-7,419	0,061	0,295
CHR1	15425937	CHR1:15425937	SSF x LoA	-10,936	0,063	0,271
CHR1	15426674	CHR1:15426674	SSF x LoA	-10,996	-0,078	0,287
CHR1	15460068	CHR1:15460068	SSF x LoA	-8,240	-0,137	0,279
CHR1	15460111	CHR1:15460111	SSF x LoA	-8,773	0,079	0,288
CHR1	15460145	CHR1:15460145	SSF x LoA	-7,754	0,077	0,291
CHR1	15460154	CHR1:15460154	SSF x LoA	-9,014	-0,058	0,291
CHR1	15460228	CHR1:15460228	SSF x LoA	-7,226	0,074	0,292

CHR1	15460247	CHR1:15460247	SSF x LoA	-9,706	0,082	0,296
CHR1	15479674	CHR1:15479674	SSF x LoA	-9,143	-0,026	0,291
CHR1	15479733	CHR1:15479733	SSF x LoA	-9,847	0,015	0,296
CHR1	15479740	CHR1:15479740	SSF x LoA	-5,779	-0,140	0,271
CHR1	15484270	CHR1:15484270	SSF x LoA	-3,457	0,095	0,282
CHR1	15484280	CHR1:15484280	SSF x LoA	-9,032	0,049	0,270
CHR1	15484313	CHR1:15484313	SSF x LoA	-6,918	-0,112	0,279
CHR1	15484314	CHR1:15484314	SSF x LoA	-10,454	-0,046	0,288
CHR1	15491434	CHR1:15491434	SSF x LoA	-9,362	-0,072	0,291
CHR1	15491614	CHR1:15491614	SSF x LoA	-4,696	0,112	0,289
CHR1	15498340	CHR1:15498340	SSF x LoA	-9,766	-0,023	0,284
CHR1	15498365	CHR1:15498365	SSF x LoA	-11,111	0,020	0,290
CHR1	15498408	CHR1:15498408	SSF x LoA	-11,230	-0,014	0,289
CHR1	15498540	CHR1:15498540	SSF x LoA	-5,148	0,013	0,293
CHR1	15498543	CHR1:15498543	SSF x LoA	-8,252	-0,126	0,289
CHR1	15498550	CHR1:15498550	SSF x LoA	-8,289	0,055	0,291
CHR1	15509265	CHR1:15509265	SSF x LoA	-5,595	-0,060	0,291
CHR1	15515653	CHR1:15515653	SSF x LoA	-0,179	-0,042	0,291
CHR1	15515801	CHR1:15515801	SSF x LoA	-8,470	0,069	0,294
CHR1	1551975	CHR1:1551975	SSF x LoA	-10,288	-0,107	0,284
CHR1	15536389	CHR1:15536389	SSF x LoA	-3,595	-0,198	0,291
CHR1	15536395	CHR1:15536395	SSF x LoA	-6,947	-0,223	0,270
CHR1	15536402	CHR1:15536402	SSF x LoA	-0,583	-0,238	0,273
CHR1	15536407	CHR1:15536407	SSF x LoA	-4,978	-0,223	0,276
CHR1	15536495	CHR1:15536495	SSF x LoA	-11,096	-0,005	0,296
CHR1	15536546	CHR1:15536546	SSF x LoA	-9,112	-0,146	0,286
CHR1	15536593	CHR1:15536593	SSF x LoA	-10,407	-0,052	0,293
CHR1	15550407	CHR1:15550407	SSF x LoA	-9,697	0,011	0,285
CHR1	15550434	CHR1:15550434	SSF x LoA	-10,749	-0,029	0,286
CHR1	15550439	CHR1:15550439	SSF x LoA	-11,328	-0,049	0,292
CHR1	15550482	CHR1:15550482	SSF x LoA	-7,461	0,046	0,286
CHR1	15550487	CHR1:15550487	SSF x LoA	-8,692	0,018	0,296
CHR1	15550602	CHR1:15550602	SSF x LoA	-7,743	-0,035	0,298
CHR1	15561235	CHR1:15561235	SSF x LoA	-8,346	-0,045	0,291
CHR1	15561302	CHR1:15561302	SSF x LoA	-6,417	0,123	0,287
CHR1	15561529	CHR1:15561529	SSF x LoA	-10,999	0,001	0,283
CHR1	15566034	CHR1:15566034	SSF x LoA	-9,523	0,032	0,287
CHR1	15566066	CHR1:15566066	SSF x LoA	-8,695	-0,134	0,283
CHR1	15570252	CHR1:15570252	SSF x LoA	-9,487	-0,031	0,281
CHR1	15570348	CHR1:15570348	SSF x LoA	-8,392	0,058	0,294
CHR1	15591150	CHR1:15591150	SSF x LoA	-9,899	0,007	0,283
CHR1	15591152	CHR1:15591152	SSF x LoA	-8,728	0,018	0,290
CHR1	15591204	CHR1:15591204	SSF x LoA	-8,346	0,127	0,293
CHR1	15608012	CHR1:15608012	SSF x LoA	-8,975	-0,042	0,288
CHR1	15613614	CHR1:15613614	SSF x LoA	-11,082	-0,013	0,284
CHR1	15613778	CHR1:15613778	SSF x LoA	-9,212	-0,006	0,289
CHR1	15613779	CHR1:15613779	SSF x LoA	-3,267	0,015	0,301
CHR1	15613797	CHR1:15613797	SSF x LoA	-10,370	0,062	0,283
CHR1	15622670	CHR1:15622670	SSF x LoA	-7,333	0,132	0,279
CHR1	15622673	CHR1:15622673	SSF x LoA	-7,859	0,041	0,309
CHR1	15622675	CHR1:15622675	SSF x LoA	-6,110	-0,021	0,292
CHR1	15622678	CHR1:15622678	SSF x LoA	-8,399	0,057	0,295
CHR1	15622705	CHR1:15622705	SSF x LoA	-7,890	-0,031	0,291

CHR1	15622708	CHR1:15622708	SSF x LoA	-7,443	-0,097	0,305
CHR1	15638279	CHR1:15638279	SSF x LoA	-8,710	0,068	0,291
CHR1	15638509	CHR1:15638509	SSF x LoA	-7,023	-0,120	0,291
CHR1	15646223	CHR1:15646223	SSF x LoA	-8,481	0,071	0,286
CHR1	15646226	CHR1:15646226	SSF x LoA	-7,236	0,040	0,296
CHR1	15646388	CHR1:15646388	SSF x LoA	-5,990	-0,060	0,294
CHR1	15652455	CHR1:15652455	SSF x LoA	-10,541	0,047	0,293
CHR1	15657899	CHR1:15657899	SSF x LoA	-9,342	0,080	0,310
CHR1	15657951	CHR1:15657951	SSF x LoA	-3,523	-0,054	0,282
CHR1	15657955	CHR1:15657955	SSF x LoA	-8,105	-0,027	0,288
CHR1	15657956	CHR1:15657956	SSF x LoA	-8,567	-0,022	0,281
CHR1	15658034	CHR1:15658034	SSF x LoA	-8,803	-0,062	0,283
CHR1	15658043	CHR1:15658043	SSF x LoA	-7,965	-0,071	0,300
CHR1	15667453	CHR1:15667453	SSF x LoA	-9,835	-0,056	0,286
CHR1	15667532	CHR1:15667532	SSF x LoA	-7,558	0,100	0,302
CHR1	15667605	CHR1:15667605	SSF x LoA	-7,064	-0,095	0,292
CHR1	15667611	CHR1:15667611	SSF x LoA	-9,595	-0,080	0,301
CHR1	15667613	CHR1:15667613	SSF x LoA	-9,084	-0,071	0,284
CHR1	15667667	CHR1:15667667	SSF x LoA	-9,973	-0,038	0,296
CHR1	15672603	CHR1:15672603	SSF x LoA	-9,500	-0,159	0,284
CHR1	15683378	CHR1:15683378	SSF x LoA	-5,146	0,254	0,275
CHR1	15683405	CHR1:15683405	SSF x LoA	-5,922	0,155	0,284
CHR1	15683440	CHR1:15683440	SSF x LoA	-7,226	0,025	0,303
CHR1	15683474	CHR1:15683474	SSF x LoA	-8,038	0,035	0,296
CHR1	15683478	CHR1:15683478	SSF x LoA	-10,331	0,105	0,290
CHR1	15683480	CHR1:15683480	SSF x LoA	-7,515	0,012	0,307
CHR1	15683505	CHR1:15683505	SSF x LoA	-8,418	0,001	0,282
CHR1	15683548	CHR1:15683548	SSF x LoA	-9,321	-0,121	0,283
CHR1	15683639	CHR1:15683639	SSF x LoA	-8,398	-0,059	0,300
CHR1	15696491	CHR1:15696491	SSF x LoA	-7,942	-0,144	0,271
CHR1	15703721	CHR1:15703721	SSF x LoA	-8,137	-0,032	0,292
CHR1	15703769	CHR1:15703769	SSF x LoA	-8,656	0,025	0,286
CHR1	15703779	CHR1:15703779	SSF x LoA	-9,398	0,068	0,282
CHR1	15707101	CHR1:15707101	SSF x LoA	-6,958	0,081	0,285
CHR1	15707125	CHR1:15707125	SSF x LoA	-9,332	0,002	0,295
CHR1	15707159	CHR1:15707159	SSF x LoA	-8,718	0,060	0,289
CHR1	15707162	CHR1:15707162	SSF x LoA	-9,993	0,037	0,288
CHR1	15707176	CHR1:15707176	SSF x LoA	-10,973	0,040	0,279
CHR1	15717719	CHR1:15717719	SSF x LoA	-9,044	-0,098	0,283
CHR1	15722222	CHR1:15722222	SSF x LoA	-9,101	-0,027	0,304
CHR1	15722383	CHR1:15722383	SSF x LoA	-8,065	0,057	0,294
CHR1	15723054	CHR1:15723054	SSF x LoA	-11,092	0,071	0,293
CHR1	15735471	CHR1:15735471	SSF x LoA	-7,485	-0,033	0,281
CHR1	15735504	CHR1:15735504	SSF x LoA	-7,687	-0,063	0,298
CHR1	15735537	CHR1:15735537	SSF x LoA	-8,701	-0,050	0,289
CHR1	15735581	CHR1:15735581	SSF x LoA	-4,167	0,138	0,277
CHR1	15735619	CHR1:15735619	SSF x LoA	-5,962	0,113	0,296
CHR1	15735640	CHR1:15735640	SSF x LoA	-6,360	-0,027	0,321
CHR1	15737554	CHR1:15737554	SSF x LoA	-7,660	-0,075	0,298
CHR1	15737604	CHR1:15737604	SSF x LoA	-9,196	-0,142	0,294
CHR1	15737673	CHR1:15737673	SSF x LoA	-7,939	-0,110	0,293
CHR1	15737726	CHR1:15737726	SSF x LoA	-4,577	0,016	0,294
CHR1	15753710	CHR1:15753710	SSF x LoA	-10,288	-0,042	0,281

CHR1	15753719	CHR1:15753719	SSF x LoA	-9,203	-0,039	0,289
CHR1	15753723	CHR1:15753723	SSF x LoA	-10,360	0,041	0,301
CHR1	15753759	CHR1:15753759	SSF x LoA	-6,855	-0,186	0,278
CHR1	15753791	CHR1:15753791	SSF x LoA	-7,279	0,161	0,289
CHR1	15754205	CHR1:15754205	SSF x LoA	-9,102	-0,010	0,298
CHR1	15761513	CHR1:15761513	SSF x LoA	-7,703	0,080	0,288
CHR1	15761566	CHR1:15761566	SSF x LoA	-8,715	-0,009	0,283
CHR1	15766368	CHR1:15766368	SSF x LoA	-9,143	0,030	0,295
CHR1	15766393	CHR1:15766393	SSF x LoA	-9,325	-0,052	0,285
CHR1	15766395	CHR1:15766395	SSF x LoA	-7,238	-0,018	0,290
CHR1	15771494	CHR1:15771494	SSF x LoA	-8,801	0,040	0,291
CHR1	15771650	CHR1:15771650	SSF x LoA	-5,934	-0,077	0,286
CHR1	15771836	CHR1:15771836	SSF x LoA	-8,070	-0,079	0,289
CHR1	1577407	CHR1:1577407	SSF x LoA	-2,191	-0,169	0,297
CHR1	15791384	CHR1:15791384	SSF x LoA	-10,371	0,032	0,289
CHR1	15791443	CHR1:15791443	SSF x LoA	-4,447	-0,123	0,281
CHR1	15791463	CHR1:15791463	SSF x LoA	-8,300	-0,087	0,290
CHR1	15791583	CHR1:15791583	SSF x LoA	-8,408	-0,116	0,286
CHR1	15791590	CHR1:15791590	SSF x LoA	-6,602	0,132	0,290
CHR1	15791865	CHR1:15791865	SSF x LoA	-10,501	-0,151	0,288
CHR1	1579340	CHR1:1579340	SSF x LoA	-12,015	0,041	0,283
CHR1	1579423	CHR1:1579423	SSF x LoA	-8,505	0,029	0,276
CHR1	15795572	CHR1:15795572	SSF x LoA	-10,654	-0,042	0,288
CHR1	15801644	CHR1:15801644	SSF x LoA	-8,586	-0,125	0,288
CHR1	15801798	CHR1:15801798	SSF x LoA	-7,031	-0,186	0,284
CHR1	15801814	CHR1:15801814	SSF x LoA	-5,596	0,184	0,301
CHR1	15801825	CHR1:15801825	SSF x LoA	-6,738	-0,178	0,292
CHR1	15801831	CHR1:15801831	SSF x LoA	-7,112	-0,205	0,288
CHR1	15801834	CHR1:15801834	SSF x LoA	-8,655	-0,171	0,282
CHR1	15801912	CHR1:15801912	SSF x LoA	-2,725	0,130	0,273
CHR1	15811283	CHR1:15811283	SSF x LoA	-10,832	-0,016	0,284
CHR1	15811337	CHR1:15811337	SSF x LoA	-7,191	0,003	0,312
CHR1	15828326	CHR1:15828326	SSF x LoA	-9,487	0,094	0,285
CHR1	15828501	CHR1:15828501	SSF x LoA	-8,935	0,004	0,295
CHR1	15828925	CHR1:15828925	SSF x LoA	-10,210	0,075	0,281
CHR1	15843026	CHR1:15843026	SSF x LoA	-8,679	0,062	0,287
CHR1	1584782	CHR1:1584782	SSF x LoA	-10,363	-0,061	0,282
CHR1	15852498	CHR1:15852498	SSF x LoA	-7,630	0,089	0,286
CHR1	15852633	CHR1:15852633	SSF x LoA	-7,372	0,121	0,284
CHR1	15852640	CHR1:15852640	SSF x LoA	-7,824	-0,084	0,280
CHR1	15852686	CHR1:15852686	SSF x LoA	-9,220	0,043	0,290
CHR1	15867293	CHR1:15867293	SSF x LoA	-6,756	-0,119	0,288
CHR1	15867319	CHR1:15867319	SSF x LoA	-10,427	-0,059	0,295
CHR1	15867321	CHR1:15867321	SSF x LoA	-8,844	-0,048	0,285
CHR1	15867411	CHR1:15867411	SSF x LoA	-8,755	0,011	0,287
CHR1	15869653	CHR1:15869653	SSF x LoA	-10,202	-0,081	0,289
CHR1	15869684	CHR1:15869684	SSF x LoA	-11,304	0,019	0,284
CHR1	1587653	CHR1:1587653	SSF x LoA	-7,687	0,110	0,308
CHR1	1587680	CHR1:1587680	SSF x LoA	-10,646	0,050	0,286
CHR1	1587698	CHR1:1587698	SSF x LoA	-5,561	-0,146	0,272
CHR1	15879971	CHR1:15879971	SSF x LoA	-7,389	-0,042	0,295
CHR1	15882921	CHR1:15882921	SSF x LoA	-7,536	-0,168	0,273
CHR1	15882986	CHR1:15882986	SSF x LoA	-7,257	0,000	0,280

CHR1	15897459	CHR1:15897459	SSF x LoA	-8,128	0,035	0,302
CHR1	15900053	CHR1:15900053	SSF x LoA	-7,653	-0,050	0,289
CHR1	15900274	CHR1:15900274	SSF x LoA	-10,454	-0,005	0,301
CHR1	15900290	CHR1:15900290	SSF x LoA	-10,977	0,020	0,275
CHR1	15900360	CHR1:15900360	SSF x LoA	-9,724	0,004	0,308
CHR1	15930316	CHR1:15930316	SSF x LoA	-9,132	-0,050	0,291
CHR1	15930448	CHR1:15930448	SSF x LoA	-8,971	0,069	0,286
CHR1	15930484	CHR1:15930484	SSF x LoA	-10,206	0,015	0,281
CHR1	15945222	CHR1:15945222	SSF x LoA	-9,239	-0,067	0,291
CHR1	15945435	CHR1:15945435	SSF x LoA	-7,034	-0,064	0,290
CHR1	15945457	CHR1:15945457	SSF x LoA	-8,372	-0,028	0,292
CHR1	15949500	CHR1:15949500	SSF x LoA	-11,277	0,007	0,280
CHR1	1595456	CHR1:1595456	SSF x LoA	-5,661	-0,132	0,293
CHR1	15980742	CHR1:15980742	SSF x LoA	-10,205	-0,050	0,285
CHR1	15980795	CHR1:15980795	SSF x LoA	-10,094	-0,049	0,285
CHR1	15980853	CHR1:15980853	SSF x LoA	-8,293	-0,041	0,295
CHR1	15981539	CHR1:15981539	SSF x LoA	-9,012	-0,047	0,288
CHR1	15986897	CHR1:15986897	SSF x LoA	-9,075	-0,060	0,283
CHR1	15986968	CHR1:15986968	SSF x LoA	-10,781	0,026	0,302
CHR1	15987130	CHR1:15987130	SSF x LoA	-8,934	-0,032	0,285
CHR1	15998206	CHR1:15998206	SSF x LoA	-5,791	0,190	0,289
CHR1	15998245	CHR1:15998245	SSF x LoA	-10,128	0,054	0,282
CHR1	15998255	CHR1:15998255	SSF x LoA	-8,282	0,087	0,296
CHR1	15998362	CHR1:15998362	SSF x LoA	-2,269	0,176	0,288
CHR1	15998423	CHR1:15998423	SSF x LoA	-8,560	-0,004	0,287
CHR1	16001821	CHR1:16001821	SSF x LoA	-9,696	-0,143	0,285
CHR1	16003815	CHR1:16003815	SSF x LoA	-8,068	0,016	0,281
CHR1	16021793	CHR1:16021793	SSF x LoA	-6,269	-0,087	0,286
CHR1	16030939	CHR1:16030939	SSF x LoA	-8,452	-0,098	0,303
CHR1	1604491	CHR1:1604491	SSF x LoA	-6,955	0,187	0,274
CHR1	1604504	CHR1:1604504	SSF x LoA	-0,703	0,205	0,260
CHR1	1604589	CHR1:1604589	SSF x LoA	-8,694	0,085	0,292
CHR1	16069024	CHR1:16069024	SSF x LoA	-8,458	-0,072	0,292
CHR1	16069410	CHR1:16069410	SSF x LoA	-8,396	0,084	0,285
CHR1	16069480	CHR1:16069480	SSF x LoA	-9,313	0,001	0,270
CHR1	16093432	CHR1:16093432	SSF x LoA	-7,653	-0,033	0,296
CHR1	16102688	CHR1:16102688	SSF x LoA	-8,366	0,005	0,294
CHR1	16104831	CHR1:16104831	SSF x LoA	-2,163	-0,038	0,291
CHR1	16104863	CHR1:16104863	SSF x LoA	-4,851	0,198	0,299
CHR1	16107493	CHR1:16107493	SSF x LoA	-11,092	-0,010	0,293
CHR1	16119518	CHR1:16119518	SSF x LoA	-10,380	-0,011	0,294
CHR1	16137047	CHR1:16137047	SSF x LoA	-8,653	-0,171	0,274
CHR1	16137095	CHR1:16137095	SSF x LoA	-7,921	-0,125	0,300
CHR1	16137150	CHR1:16137150	SSF x LoA	-5,971	0,159	0,284
CHR1	16142068	CHR1:16142068	SSF x LoA	-4,500	0,146	0,273
CHR1	16142096	CHR1:16142096	SSF x LoA	-9,136	-0,011	0,296
CHR1	16142182	CHR1:16142182	SSF x LoA	-4,001	-0,020	0,298
CHR1	16142189	CHR1:16142189	SSF x LoA	-9,677	-0,058	0,293
CHR1	16152380	CHR1:16152380	SSF x LoA	-9,398	-0,051	0,290
CHR1	16152395	CHR1:16152395	SSF x LoA	-4,648	-0,051	0,293
CHR1	16161619	CHR1:16161619	SSF x LoA	-10,080	0,049	0,287
CHR1	1616323	CHR1:1616323	SSF x LoA	-7,714	0,078	0,288
CHR1	16165524	CHR1:16165524	SSF x LoA	-9,201	0,026	0,287

CHR1	16165552	CHR1:16165552	SSF x LoA	-8,956	-0,076	0,291
CHR1	16165656	CHR1:16165656	SSF x LoA	-8,408	0,001	0,287
CHR1	16189415	CHR1:16189415	SSF x LoA	-10,403	0,030	0,280
CHR1	16189537	CHR1:16189537	SSF x LoA	-7,447	-0,050	0,295
CHR1	16189564	CHR1:16189564	SSF x LoA	-9,963	0,117	0,287
CHR1	16191254	CHR1:16191254	SSF x LoA	-7,959	-0,079	0,303
CHR1	16191290	CHR1:16191290	SSF x LoA	-11,090	0,039	0,300
CHR1	16198728	CHR1:16198728	SSF x LoA	-10,204	-0,060	0,291
CHR1	16198830	CHR1:16198830	SSF x LoA	-8,062	0,088	0,290
CHR1	16200018	CHR1:16200018	SSF x LoA	-9,307	-0,035	0,293
CHR1	16200076	CHR1:16200076	SSF x LoA	-6,478	-0,006	0,292
CHR1	16200159	CHR1:16200159	SSF x LoA	-8,212	-0,086	0,292
CHR1	16200229	CHR1:16200229	SSF x LoA	-5,062	0,199	0,285
CHR1	1621790	CHR1:1621790	SSF x LoA	-7,811	0,052	0,294
CHR1	1621893	CHR1:1621893	SSF x LoA	-10,263	0,028	0,288
CHR1	1621904	CHR1:1621904	SSF x LoA	-6,789	-0,122	0,291
CHR1	16226771	CHR1:16226771	SSF x LoA	-7,630	-0,094	0,297
CHR1	16231868	CHR1:16231868	SSF x LoA	-8,149	0,040	0,291
CHR1	16231941	CHR1:16231941	SSF x LoA	-8,628	0,006	0,291
CHR1	16231962	CHR1:16231962	SSF x LoA	-10,754	-0,036	0,290
CHR1	16231985	CHR1:16231985	SSF x LoA	-8,313	0,044	0,281
CHR1	16231990	CHR1:16231990	SSF x LoA	-9,555	0,004	0,282
CHR1	16232030	CHR1:16232030	SSF x LoA	-7,235	0,073	0,287
CHR1	16232036	CHR1:16232036	SSF x LoA	-11,320	-0,025	0,294
CHR1	16232066	CHR1:16232066	SSF x LoA	-1,095	0,149	0,282
CHR1	16260379	CHR1:16260379	SSF x LoA	-5,392	0,050	0,295
CHR1	16260438	CHR1:16260438	SSF x LoA	-8,664	0,010	0,302
CHR1	16260445	CHR1:16260445	SSF x LoA	-8,941	0,149	0,284
CHR1	16260597	CHR1:16260597	SSF x LoA	-8,642	-0,095	0,295
CHR1	16260612	CHR1:16260612	SSF x LoA	-8,084	-0,087	0,291
CHR1	16291742	CHR1:16291742	SSF x LoA	-7,646	0,055	0,297
CHR1	16312207	CHR1:16312207	SSF x LoA	-11,102	0,070	0,297
CHR1	16312247	CHR1:16312247	SSF x LoA	-7,633	0,031	0,297
CHR1	16313236	CHR1:16313236	SSF x LoA	-10,617	0,096	0,288
CHR1	1631730	CHR1:1631730	SSF x LoA	-11,707	-0,048	0,275
CHR1	1631924	CHR1:1631924	SSF x LoA	-9,462	-0,022	0,279
CHR1	1632090	CHR1:1632090	SSF x LoA	-6,559	0,185	0,272
CHR1	16332225	CHR1:16332225	SSF x LoA	-8,410	-0,043	0,283
CHR1	16335671	CHR1:16335671	SSF x LoA	-9,011	0,000	0,280
CHR1	16335681	CHR1:16335681	SSF x LoA	-10,676	-0,048	0,285
CHR1	16339222	CHR1:16339222	SSF x LoA	-8,588	0,017	0,294
CHR1	16339231	CHR1:16339231	SSF x LoA	-9,393	0,018	0,291
CHR1	16339281	CHR1:16339281	SSF x LoA	-8,163	-0,033	0,297
CHR1	16344464	CHR1:16344464	SSF x LoA	-8,622	-0,039	0,295
CHR1	16344468	CHR1:16344468	SSF x LoA	-7,319	0,108	0,301
CHR1	16344551	CHR1:16344551	SSF x LoA	-6,296	0,094	0,305
CHR1	16344568	CHR1:16344568	SSF x LoA	-6,971	-0,139	0,285
CHR1	16344729	CHR1:16344729	SSF x LoA	-10,028	-0,050	0,285
CHR1	16347670	CHR1:16347670	SSF x LoA	-10,343	0,097	0,287
CHR1	16349978	CHR1:16349978	SSF x LoA	-9,485	-0,032	0,277
CHR1	16350135	CHR1:16350135	SSF x LoA	-8,804	-0,016	0,297
CHR1	16355673	CHR1:16355673	SSF x LoA	-5,019	0,166	0,273
CHR1	16355716	CHR1:16355716	SSF x LoA	-2,922	-0,137	0,278

CHR1	16355746	CHR1:16355746	SSF x LoA	-9,110	0,110	0,280
CHR1	16355756	CHR1:16355756	SSF x LoA	-8,108	-0,004	0,294
CHR1	16355808	CHR1:16355808	SSF x LoA	-8,237	0,123	0,288
CHR1	16361947	CHR1:16361947	SSF x LoA	-7,872	0,080	0,305
CHR1	1637488	CHR1:1637488	SSF x LoA	-9,179	0,055	0,294
CHR1	1637491	CHR1:1637491	SSF x LoA	-7,525	0,126	0,281
CHR1	1637566	CHR1:1637566	SSF x LoA	-7,698	-0,065	0,281
CHR1	16401248	CHR1:16401248	SSF x LoA	-8,028	0,107	0,280
CHR1	1646970	CHR1:1646970	SSF x LoA	-9,337	-0,092	0,275
CHR1	1647114	CHR1:1647114	SSF x LoA	-7,588	0,032	0,295
CHR1	1649409	CHR1:1649409	SSF x LoA	-7,754	-0,056	0,289
CHR1	1652128	CHR1:1652128	SSF x LoA	-8,068	0,097	0,295
CHR1	1652839	CHR1:1652839	SSF x LoA	-10,391	-0,023	0,281
CHR1	1652854	CHR1:1652854	SSF x LoA	-10,233	0,005	0,294
CHR1	1654246	CHR1:1654246	SSF x LoA	-8,752	-0,072	0,286
CHR1	1654253	CHR1:1654253	SSF x LoA	-7,596	-0,076	0,292
CHR1	1654264	CHR1:1654264	SSF x LoA	-8,944	-0,063	0,298
CHR1	1654268	CHR1:1654268	SSF x LoA	-2,006	-0,043	0,303
CHR1	1654310	CHR1:1654310	SSF x LoA	-8,056	0,010	0,299
CHR1	1654325	CHR1:1654325	SSF x LoA	-8,637	0,015	0,294
CHR1	1654343	CHR1:1654343	SSF x LoA	-6,724	0,043	0,302
CHR1	1654517	CHR1:1654517	SSF x LoA	-8,940	-0,053	0,295
CHR1	1659598	CHR1:1659598	SSF x LoA	-8,555	-0,035	0,291
CHR1	1659716	CHR1:1659716	SSF x LoA	-8,692	-0,114	0,280
CHR1	1659816	CHR1:1659816	SSF x LoA	-11,286	-0,013	0,287
CHR1	1659817	CHR1:1659817	SSF x LoA	-7,092	0,111	0,284
CHR1	1659820	CHR1:1659820	SSF x LoA	-8,906	0,112	0,288
CHR1	1663751	CHR1:1663751	SSF x LoA	-8,854	0,082	0,289
CHR1	1663824	CHR1:1663824	SSF x LoA	-5,335	0,148	0,288
CHR1	1663844	CHR1:1663844	SSF x LoA	-0,234	0,050	0,290
CHR1	1664044	CHR1:1664044	SSF x LoA	-8,763	0,033	0,288
CHR1	1664051	CHR1:1664051	SSF x LoA	-10,246	-0,084	0,283
CHR1	1669972	CHR1:1669972	SSF x LoA	-10,505	-0,031	0,286
CHR1	1672360	CHR1:1672360	SSF x LoA	-10,139	-0,005	0,286
CHR1	1672487	CHR1:1672487	SSF x LoA	-7,252	-0,164	0,278
CHR1	1672512	CHR1:1672512	SSF x LoA	-10,117	0,047	0,283
CHR1	1672576	CHR1:1672576	SSF x LoA	-9,559	0,087	0,282
CHR1	1672665	CHR1:1672665	SSF x LoA	-10,562	0,022	0,289
CHR1	1672773	CHR1:1672773	SSF x LoA	-8,839	0,050	0,294
CHR1	1672830	CHR1:1672830	SSF x LoA	-9,010	0,025	0,296
CHR1	1687457	CHR1:1687457	SSF x LoA	-10,808	-0,066	0,295
CHR1	1692230	CHR1:1692230	SSF x LoA	-10,288	-0,121	0,286
CHR1	1695566	CHR1:1695566	SSF x LoA	-10,612	0,038	0,296
CHR1	1695570	CHR1:1695570	SSF x LoA	-8,414	0,083	0,292
CHR1	1695608	CHR1:1695608	SSF x LoA	-8,929	-0,035	0,275
CHR1	1695638	CHR1:1695638	SSF x LoA	-7,765	0,087	0,312
CHR1	1695719	CHR1:1695719	SSF x LoA	-6,176	-0,016	0,285
CHR1	1703691	CHR1:1703691	SSF x LoA	-9,464	0,013	0,283
CHR1	1712581	CHR1:1712581	SSF x LoA	-7,895	-0,043	0,288
CHR1	1712692	CHR1:1712692	SSF x LoA	-7,460	0,112	0,285
CHR1	1712788	CHR1:1712788	SSF x LoA	-8,279	0,097	0,300
CHR1	1715257	CHR1:1715257	SSF x LoA	-9,111	0,104	0,286
CHR1	1715307	CHR1:1715307	SSF x LoA	-5,428	-0,223	0,272

CHR1	1715459	CHR1:1715459	SSF x LoA	-9,890	-0,011	0,293
CHR1	1719118	CHR1:1719118	SSF x LoA	-8,814	0,092	0,289
CHR1	1719258	CHR1:1719258	SSF x LoA	-8,027	-0,034	0,297
CHR1	1720196	CHR1:1720196	SSF x LoA	-6,165	0,027	0,291
CHR1	1720233	CHR1:1720233	SSF x LoA	-6,205	0,044	0,298
CHR1	1727537	CHR1:1727537	SSF x LoA	-8,002	-0,017	0,299
CHR1	1727547	CHR1:1727547	SSF x LoA	-9,329	-0,041	0,284
CHR1	1727572	CHR1:1727572	SSF x LoA	-9,222	-0,028	0,292
CHR1	1727598	CHR1:1727598	SSF x LoA	-8,510	0,029	0,290
CHR1	1727688	CHR1:1727688	SSF x LoA	-6,715	0,024	0,278
CHR1	1727689	CHR1:1727689	SSF x LoA	-7,504	-0,039	0,299
CHR1	1727746	CHR1:1727746	SSF x LoA	-7,645	0,004	0,301
CHR1	1733290	CHR1:1733290	SSF x LoA	-9,753	-0,087	0,279
CHR1	1733428	CHR1:1733428	SSF x LoA	-5,127	-0,062	0,297
CHR1	1733430	CHR1:1733430	SSF x LoA	-7,522	-0,035	0,297
CHR1	1735268	CHR1:1735268	SSF x LoA	-10,925	-0,002	0,295
CHR1	1735425	CHR1:1735425	SSF x LoA	-9,373	0,025	0,279
CHR1	1740034	CHR1:1740034	SSF x LoA	-9,818	-0,074	0,281
CHR1	1740050	CHR1:1740050	SSF x LoA	-7,782	-0,018	0,291
CHR1	1740064	CHR1:1740064	SSF x LoA	-10,615	-0,014	0,282
CHR1	1767290	CHR1:1767290	SSF x LoA	-9,399	-0,147	0,279
CHR1	1767397	CHR1:1767397	SSF x LoA	-10,566	-0,001	0,290
CHR1	1768587	CHR1:1768587	SSF x LoA	-9,990	0,111	0,285
CHR1	1768590	CHR1:1768590	SSF x LoA	-11,312	-0,042	0,291
CHR1	1775383	CHR1:1775383	SSF x LoA	-9,472	0,022	0,293
CHR1	1775740	CHR1:1775740	SSF x LoA	-5,941	-0,053	0,299
CHR1	1811151	CHR1:1811151	SSF x LoA	-9,149	0,026	0,294
CHR1	1811221	CHR1:1811221	SSF x LoA	-9,231	0,113	0,277
CHR1	1811223	CHR1:1811223	SSF x LoA	-2,709	0,109	0,287
CHR1	1821509	CHR1:1821509	SSF x LoA	-11,066	-0,002	0,281
CHR1	1821551	CHR1:1821551	SSF x LoA	-9,237	-0,025	0,297
CHR1	1821556	CHR1:1821556	SSF x LoA	-9,970	-0,019	0,285
CHR1	1821557	CHR1:1821557	SSF x LoA	-9,283	-0,006	0,289
CHR1	1821648	CHR1:1821648	SSF x LoA	-9,073	-0,021	0,288
CHR1	1821750	CHR1:1821750	SSF x LoA	-6,864	-0,097	0,292
CHR1	1821763	CHR1:1821763	SSF x LoA	-10,050	-0,039	0,280
CHR1	1823538	CHR1:1823538	SSF x LoA	-3,868	0,192	0,286
CHR1	1826407	CHR1:1826407	SSF x LoA	-9,048	0,030	0,304
CHR1	1827922	CHR1:1827922	SSF x LoA	-10,354	-0,042	0,296
CHR1	1830776	CHR1:1830776	SSF x LoA	-2,602	-0,202	0,263
CHR1	1830777	CHR1:1830777	SSF x LoA	-5,569	0,181	0,276
CHR1	1830803	CHR1:1830803	SSF x LoA	-6,208	0,163	0,289
CHR1	1830955	CHR1:1830955	SSF x LoA	-5,157	-0,041	0,299
CHR1	1830993	CHR1:1830993	SSF x LoA	-7,778	-0,043	0,298
CHR1	1831020	CHR1:1831020	SSF x LoA	-8,618	0,091	0,288
CHR1	1831124	CHR1:1831124	SSF x LoA	-5,151	0,154	0,284
CHR1	1831146	CHR1:1831146	SSF x LoA	-5,435	-0,133	0,281
CHR1	1831152	CHR1:1831152	SSF x LoA	-8,942	0,077	0,298
CHR1	1831178	CHR1:1831178	SSF x LoA	-7,644	0,117	0,282
CHR1	1831202	CHR1:1831202	SSF x LoA	-6,548	0,013	0,296
CHR1	1831231	CHR1:1831231	SSF x LoA	-8,651	0,006	0,303
CHR1	1842675	CHR1:1842675	SSF x LoA	-5,819	-0,134	0,275
CHR1	1842782	CHR1:1842782	SSF x LoA	-7,439	-0,078	0,275

CHR1	1842885	CHR1:1842885	SSF x LoA	-7,804	-0,090	0,276
CHR1	1843073	CHR1:1843073	SSF x LoA	-8,585	-0,066	0,292
CHR1	1846837	CHR1:1846837	SSF x LoA	-10,334	-0,069	0,269
CHR1	1846893	CHR1:1846893	SSF x LoA	-8,284	-0,006	0,271
CHR1	1846915	CHR1:1846915	SSF x LoA	-9,541	-0,079	0,278
CHR1	1848396	CHR1:1848396	SSF x LoA	-10,212	0,020	0,297
CHR1	1848399	CHR1:1848399	SSF x LoA	-7,992	0,057	0,291
CHR1	1848402	CHR1:1848402	SSF x LoA	-8,850	0,007	0,304
CHR1	1848440	CHR1:1848440	SSF x LoA	-10,259	-0,101	0,285
CHR1	1858150	CHR1:1858150	SSF x LoA	-7,741	-0,032	0,284
CHR1	1858165	CHR1:1858165	SSF x LoA	-7,201	-0,078	0,289
CHR1	1858167	CHR1:1858167	SSF x LoA	-8,765	0,004	0,280
CHR1	1858208	CHR1:1858208	SSF x LoA	-4,292	0,231	0,276
CHR1	1858224	CHR1:1858224	SSF x LoA	-8,164	0,078	0,277
CHR1	1858245	CHR1:1858245	SSF x LoA	-5,959	-0,035	0,267
CHR1	1858285	CHR1:1858285	SSF x LoA	-7,713	-0,070	0,280
CHR1	1858353	CHR1:1858353	SSF x LoA	-8,831	-0,084	0,268
CHR1	1890619	CHR1:1890619	SSF x LoA	-8,827	0,130	0,288
CHR1	1890686	CHR1:1890686	SSF x LoA	-9,097	-0,035	0,283
CHR1	1890696	CHR1:1890696	SSF x LoA	-8,468	-0,051	0,290
CHR1	1890835	CHR1:1890835	SSF x LoA	-9,539	0,037	0,280
CHR1	1891867	CHR1:1891867	SSF x LoA	-6,604	0,069	0,297
CHR1	1891876	CHR1:1891876	SSF x LoA	-11,298	0,001	0,279
CHR1	1902482	CHR1:1902482	SSF x LoA	-8,070	-0,085	0,289
CHR1	1902609	CHR1:1902609	SSF x LoA	-7,703	0,096	0,284
CHR1	1902644	CHR1:1902644	SSF x LoA	-6,977	-0,096	0,289
CHR1	1902647	CHR1:1902647	SSF x LoA	-10,640	-0,004	0,283
CHR1	1902650	CHR1:1902650	SSF x LoA	-7,637	0,091	0,287
CHR1	1902653	CHR1:1902653	SSF x LoA	-7,247	-0,113	0,297
CHR1	1902685	CHR1:1902685	SSF x LoA	-0,568	-0,014	0,288
CHR1	1930989	CHR1:1930989	SSF x LoA	-8,923	0,055	0,296
CHR1	1946283	CHR1:1946283	SSF x LoA	-10,220	-0,004	0,289
CHR1	1946288	CHR1:1946288	SSF x LoA	-8,822	0,105	0,284
CHR1	1946335	CHR1:1946335	SSF x LoA	-5,949	0,016	0,294
CHR1	1952969	CHR1:1952969	SSF x LoA	-1,028	0,165	0,298
CHR1	1977401	CHR1:1977401	SSF x LoA	-6,977	0,128	0,282
CHR1	1977423	CHR1:1977423	SSF x LoA	-10,705	0,095	0,286
CHR1	1977510	CHR1:1977510	SSF x LoA	-5,202	0,215	0,258
CHR1	1977599	CHR1:1977599	SSF x LoA	-6,245	-0,085	0,294
CHR1	1977642	CHR1:1977642	SSF x LoA	-1,378	0,123	0,290
CHR1	1980386	CHR1:1980386	SSF x LoA	-9,400	0,020	0,293
CHR1	1980797	CHR1:1980797	SSF x LoA	-10,736	-0,021	0,285
CHR1	1996773	CHR1:1996773	SSF x LoA	-8,632	-0,083	0,277
CHR1	1996900	CHR1:1996900	SSF x LoA	-11,099	0,034	0,291
CHR1	1996901	CHR1:1996901	SSF x LoA	-11,360	0,009	0,286
CHR1	1996907	CHR1:1996907	SSF x LoA	-8,310	-0,108	0,292
CHR1	1996974	CHR1:1996974	SSF x LoA	-10,917	-0,113	0,285
CHR1	1997050	CHR1:1997050	SSF x LoA	-5,374	0,155	0,285
CHR1	2019946	CHR1:2019946	SSF x LoA	-10,303	-0,032	0,299
CHR1	2020070	CHR1:2020070	SSF x LoA	-5,676	0,171	0,283
CHR1	2020148	CHR1:2020148	SSF x LoA	-10,453	-0,053	0,296
CHR1	2020171	CHR1:2020171	SSF x LoA	-10,928	0,059	0,282
CHR1	2020222	CHR1:2020222	SSF x LoA	-10,436	0,000	0,296

CHR1	2030671	CHR1:2030671	SSF x LoA	-10,246	0,068	0,284
CHR1	2030811	CHR1:2030811	SSF x LoA	-2,996	0,101	0,290
CHR1	2033865	CHR1:2033865	SSF x LoA	-11,064	-0,062	0,298
CHR1	2033867	CHR1:2033867	SSF x LoA	-8,954	-0,060	0,289
CHR1	2033898	CHR1:2033898	SSF x LoA	-8,348	-0,030	0,288
CHR1	2034007	CHR1:2034007	SSF x LoA	-11,548	0,025	0,279
CHR1	2034204	CHR1:2034204	SSF x LoA	-10,493	0,072	0,295
CHR1	2037841	CHR1:2037841	SSF x LoA	-7,973	-0,163	0,274
CHR1	2044571	CHR1:2044571	SSF x LoA	-9,625	-0,083	0,291
CHR1	2044586	CHR1:2044586	SSF x LoA	-10,880	-0,020	0,287
CHR1	2044659	CHR1:2044659	SSF x LoA	-10,072	0,063	0,295
CHR1	2044720	CHR1:2044720	SSF x LoA	-2,393	-0,257	0,281
CHR1	2044765	CHR1:2044765	SSF x LoA	-8,096	-0,116	0,272
CHR1	2044769	CHR1:2044769	SSF x LoA	-5,491	-0,148	0,273
CHR1	2044793	CHR1:2044793	SSF x LoA	-6,362	0,193	0,286
CHR1	2044802	CHR1:2044802	SSF x LoA	-7,126	-0,043	0,296
CHR1	2044859	CHR1:2044859	SSF x LoA	-8,729	-0,118	0,286
CHR1	2054137	CHR1:2054137	SSF x LoA	-9,382	-0,133	0,280
CHR1	2054675	CHR1:2054675	SSF x LoA	-9,896	-0,036	0,277
CHR1	2092513	CHR1:2092513	SSF x LoA	-10,839	0,059	0,295
CHR1	2092553	CHR1:2092553	SSF x LoA	-7,648	-0,092	0,300
CHR1	2092558	CHR1:2092558	SSF x LoA	-4,717	-0,091	0,293
CHR1	2092600	CHR1:2092600	SSF x LoA	-9,410	0,038	0,291
CHR1	2092685	CHR1:2092685	SSF x LoA	-7,059	-0,019	0,309
CHR1	2093859	CHR1:2093859	SSF x LoA	-9,421	0,050	0,283
CHR1	2093920	CHR1:2093920	SSF x LoA	-9,788	0,048	0,290
CHR1	2097747	CHR1:2097747	SSF x LoA	-7,548	0,077	0,293
CHR1	2097748	CHR1:2097748	SSF x LoA	-7,747	0,082	0,292
CHR1	2097833	CHR1:2097833	SSF x LoA	-7,654	0,047	0,298
CHR1	2102441	CHR1:2102441	SSF x LoA	-9,938	0,082	0,291
CHR1	2102486	CHR1:2102486	SSF x LoA	-8,287	0,062	0,280
CHR1	2102517	CHR1:2102517	SSF x LoA	-7,629	-0,099	0,277
CHR1	2118035	CHR1:2118035	SSF x LoA	-9,964	0,018	0,295
CHR1	2122223	CHR1:2122223	SSF x LoA	-8,864	-0,063	0,285
CHR1	2129494	CHR1:2129494	SSF x LoA	-3,477	0,178	0,296
CHR1	2148399	CHR1:2148399	SSF x LoA	-7,348	0,002	0,267
CHR1	2178531	CHR1:2178531	SSF x LoA	-8,353	0,037	0,285
CHR1	2185733	CHR1:2185733	SSF x LoA	-8,552	0,065	0,294
CHR1	2185952	CHR1:2185952	SSF x LoA	-7,504	-0,047	0,278
CHR1	2185985	CHR1:2185985	SSF x LoA	-7,967	-0,073	0,281
CHR1	2187596	CHR1:2187596	SSF x LoA	-9,506	-0,050	0,289
CHR1	2187747	CHR1:2187747	SSF x LoA	-9,434	-0,057	0,282
CHR1	2212233	CHR1:2212233	SSF x LoA	-9,143	0,163	0,286
CHR1	2212310	CHR1:2212310	SSF x LoA	-9,749	0,091	0,295
CHR1	2212424	CHR1:2212424	SSF x LoA	-7,917	0,059	0,288
CHR1	2214237	CHR1:2214237	SSF x LoA	-6,445	0,102	0,288
CHR1	2217209	CHR1:2217209	SSF x LoA	-6,671	-0,097	0,280
CHR1	2242059	CHR1:2242059	SSF x LoA	-10,062	-0,074	0,290
CHR1	2245454	CHR1:2245454	SSF x LoA	-8,884	-0,090	0,285
CHR1	2245533	CHR1:2245533	SSF x LoA	-7,235	-0,095	0,295
CHR1	2245801	CHR1:2245801	SSF x LoA	-9,654	0,064	0,263
CHR1	2245814	CHR1:2245814	SSF x LoA	-8,033	-0,036	0,302
CHR1	2245819	CHR1:2245819	SSF x LoA	-11,621	-0,054	0,284

CHR1	2259304	CHR1:2259304	SSF x LoA	-8,868	0,055	0,301
CHR1	2259551	CHR1:2259551	SSF x LoA	-9,243	0,051	0,286
CHR1	2259561	CHR1:2259561	SSF x LoA	-7,805	-0,048	0,289
CHR1	2259588	CHR1:2259588	SSF x LoA	-4,252	0,193	0,288
CHR1	2265514	CHR1:2265514	SSF x LoA	-7,489	0,031	0,303
CHR1	2265622	CHR1:2265622	SSF x LoA	-8,227	0,101	0,291
CHR1	2265647	CHR1:2265647	SSF x LoA	-9,768	0,052	0,283
CHR1	2265664	CHR1:2265664	SSF x LoA	-9,394	-0,125	0,290
CHR1	2265665	CHR1:2265665	SSF x LoA	-11,054	-0,057	0,289
CHR1	2267313	CHR1:2267313	SSF x LoA	-5,578	0,116	0,289
CHR1	2267346	CHR1:2267346	SSF x LoA	-9,392	0,026	0,295
CHR1	2267387	CHR1:2267387	SSF x LoA	-10,703	0,096	0,282
CHR1	2268602	CHR1:2268602	SSF x LoA	-11,336	-0,024	0,286
CHR1	2268860	CHR1:2268860	SSF x LoA	-8,884	-0,032	0,286
CHR1	2289438	CHR1:2289438	SSF x LoA	-7,690	-0,154	0,276
CHR1	2294241	CHR1:2294241	SSF x LoA	-10,853	-0,075	0,270
CHR1	2294354	CHR1:2294354	SSF x LoA	-5,922	0,082	0,283
CHR1	2294498	CHR1:2294498	SSF x LoA	-7,516	-0,074	0,288
CHR1	2294522	CHR1:2294522	SSF x LoA	-10,236	-0,059	0,282
CHR1	2294551	CHR1:2294551	SSF x LoA	-11,143	0,023	0,276
CHR1	2306131	CHR1:2306131	SSF x LoA	-9,334	0,014	0,289
CHR1	2306328	CHR1:2306328	SSF x LoA	-10,151	-0,027	0,290
CHR1	2306478	CHR1:2306478	SSF x LoA	-10,337	0,033	0,289
CHR1	2306479	CHR1:2306479	SSF x LoA	-10,065	0,030	0,286
CHR1	2306522	CHR1:2306522	SSF x LoA	-7,258	-0,105	0,287
CHR1	2338458	CHR1:2338458	SSF x LoA	-9,837	-0,003	0,300
CHR1	2342591	CHR1:2342591	SSF x LoA	-9,917	0,000	0,286
CHR1	2342653	CHR1:2342653	SSF x LoA	-7,992	0,038	0,294
CHR1	2342669	CHR1:2342669	SSF x LoA	-6,134	0,094	0,287
CHR1	2342745	CHR1:2342745	SSF x LoA	-10,771	-0,037	0,288
CHR1	2342795	CHR1:2342795	SSF x LoA	-4,383	-0,179	0,267
CHR1	2342823	CHR1:2342823	SSF x LoA	-0,795	0,100	0,279
CHR1	2342900	CHR1:2342900	SSF x LoA	-9,408	0,077	0,304
CHR1	2346289	CHR1:2346289	SSF x LoA	-9,675	-0,040	0,291
CHR1	2346472	CHR1:2346472	SSF x LoA	-8,152	-0,081	0,298
CHR1	2346490	CHR1:2346490	SSF x LoA	-7,118	0,047	0,296
CHR1	2346517	CHR1:2346517	SSF x LoA	-9,220	-0,046	0,303
CHR1	2367170	CHR1:2367170	SSF x LoA	-10,753	0,007	0,289
CHR1	2367279	CHR1:2367279	SSF x LoA	-9,085	-0,071	0,286
CHR1	2367427	CHR1:2367427	SSF x LoA	-9,193	-0,130	0,302
CHR1	2371539	CHR1:2371539	SSF x LoA	-9,332	0,030	0,307
CHR1	2371672	CHR1:2371672	SSF x LoA	-8,697	-0,040	0,277
CHR1	2387207	CHR1:2387207	SSF x LoA	-8,725	-0,015	0,271
CHR1	2387266	CHR1:2387266	SSF x LoA	-10,837	-0,076	0,273
CHR1	2387403	CHR1:2387403	SSF x LoA	-8,568	0,108	0,290
CHR1	2387609	CHR1:2387609	SSF x LoA	-6,818	-0,099	0,279
CHR1	2402726	CHR1:2402726	SSF x LoA	-8,269	-0,070	0,288
CHR1	2402999	CHR1:2402999	SSF x LoA	-8,138	0,042	0,302
CHR1	2403068	CHR1:2403068	SSF x LoA	-11,775	-0,035	0,276
CHR1	2412258	CHR1:2412258	SSF x LoA	-5,588	0,091	0,282
CHR1	2414517	CHR1:2414517	SSF x LoA	-10,039	0,017	0,289
CHR1	2414689	CHR1:2414689	SSF x LoA	-11,264	-0,052	0,289
CHR1	2414721	CHR1:2414721	SSF x LoA	-5,960	-0,086	0,286

CHR1	2429833	CHR1:2429833	SSF x LoA	-7,052	0,137	0,279
CHR1	2430515	CHR1:2430515	SSF x LoA	-7,197	-0,109	0,288
CHR1	2430527	CHR1:2430527	SSF x LoA	-7,376	-0,054	0,293
CHR1	2430535	CHR1:2430535	SSF x LoA	-9,081	-0,058	0,274
CHR1	2456193	CHR1:2456193	SSF x LoA	-7,333	-0,082	0,289
CHR1	2473536	CHR1:2473536	SSF x LoA	-9,218	0,066	0,288
CHR1	2473545	CHR1:2473545	SSF x LoA	-11,109	-0,057	0,285
CHR1	2473613	CHR1:2473613	SSF x LoA	-7,345	-0,111	0,276
CHR1	2473671	CHR1:2473671	SSF x LoA	-6,295	0,209	0,301
CHR1	2480387	CHR1:2480387	SSF x LoA	-9,640	-0,024	0,290
CHR1	2480446	CHR1:2480446	SSF x LoA	-9,501	0,037	0,294
CHR1	2480451	CHR1:2480451	SSF x LoA	-8,419	-0,023	0,281
CHR1	2480467	CHR1:2480467	SSF x LoA	-10,345	-0,032	0,291
CHR1	2480468	CHR1:2480468	SSF x LoA	-10,132	-0,053	0,288
CHR1	2480473	CHR1:2480473	SSF x LoA	-9,754	-0,023	0,288
CHR1	2480598	CHR1:2480598	SSF x LoA	-6,964	-0,145	0,278
CHR1	2488268	CHR1:2488268	SSF x LoA	-8,150	0,002	0,282
CHR1	2488289	CHR1:2488289	SSF x LoA	-10,435	0,012	0,287
CHR1	2488323	CHR1:2488323	SSF x LoA	-9,631	-0,029	0,291
CHR1	2488325	CHR1:2488325	SSF x LoA	-9,598	-0,027	0,275
CHR1	2488351	CHR1:2488351	SSF x LoA	-10,411	-0,093	0,286
CHR1	2488416	CHR1:2488416	SSF x LoA	-7,611	0,039	0,307
CHR1	2488455	CHR1:2488455	SSF x LoA	-8,152	0,133	0,293
CHR1	2488470	CHR1:2488470	SSF x LoA	-9,049	0,027	0,286
CHR1	2493056	CHR1:2493056	SSF x LoA	-11,069	0,047	0,293
CHR1	2493076	CHR1:2493076	SSF x LoA	-8,413	-0,029	0,283
CHR1	2493098	CHR1:2493098	SSF x LoA	-8,513	-0,054	0,282
CHR1	2493114	CHR1:2493114	SSF x LoA	-10,166	0,118	0,283
CHR1	2493167	CHR1:2493167	SSF x LoA	-10,966	0,020	0,302
CHR1	2493196	CHR1:2493196	SSF x LoA	-7,080	0,181	0,280
CHR1	2493253	CHR1:2493253	SSF x LoA	-8,963	0,022	0,298
CHR1	2497732	CHR1:2497732	SSF x LoA	-11,267	0,021	0,278
CHR1	2497867	CHR1:2497867	SSF x LoA	-10,348	-0,042	0,292
CHR1	2497910	CHR1:2497910	SSF x LoA	-8,020	0,010	0,301
CHR1	2497958	CHR1:2497958	SSF x LoA	-8,414	0,015	0,298
CHR1	2497970	CHR1:2497970	SSF x LoA	-9,568	0,034	0,282
CHR1	2497981	CHR1:2497981	SSF x LoA	-7,755	0,135	0,290
CHR1	2498002	CHR1:2498002	SSF x LoA	-6,492	0,148	0,289
CHR1	2504872	CHR1:2504872	SSF x LoA	-7,443	0,180	0,278
CHR1	2505835	CHR1:2505835	SSF x LoA	-9,913	-0,008	0,279
CHR1	2505939	CHR1:2505939	SSF x LoA	-10,538	-0,013	0,297
CHR1	2505947	CHR1:2505947	SSF x LoA	-10,264	0,052	0,297
CHR1	2505978	CHR1:2505978	SSF x LoA	-11,214	0,051	0,283
CHR1	2505992	CHR1:2505992	SSF x LoA	-10,605	-0,079	0,273
CHR1	2506019	CHR1:2506019	SSF x LoA	-7,232	0,009	0,293
CHR1	2506092	CHR1:2506092	SSF x LoA	-8,909	0,005	0,288
CHR1	2514173	CHR1:2514173	SSF x LoA	-10,743	-0,057	0,289
CHR1	2514329	CHR1:2514329	SSF x LoA	-6,179	0,065	0,301
CHR1	2514368	CHR1:2514368	SSF x LoA	-9,381	-0,032	0,280
CHR1	2522920	CHR1:2522920	SSF x LoA	-7,756	0,041	0,286
CHR1	2522934	CHR1:2522934	SSF x LoA	-8,636	-0,046	0,289
CHR1	2522937	CHR1:2522937	SSF x LoA	-9,590	-0,181	0,271
CHR1	2522967	CHR1:2522967	SSF x LoA	-11,302	-0,031	0,280

CHR1	2523025	CHR1:2523025	SSF x LoA	-8,766	-0,082	0,283
CHR1	2523124	CHR1:2523124	SSF x LoA	-8,133	-0,086	0,284
CHR1	2527595	CHR1:2527595	SSF x LoA	-7,740	0,158	0,288
CHR1	2527609	CHR1:2527609	SSF x LoA	-10,451	0,053	0,289
CHR1	2527662	CHR1:2527662	SSF x LoA	-10,476	0,036	0,297
CHR1	2542712	CHR1:2542712	SSF x LoA	-7,503	0,118	0,301
CHR1	2542726	CHR1:2542726	SSF x LoA	-9,160	0,083	0,306
CHR1	2542727	CHR1:2542727	SSF x LoA	-8,909	0,056	0,310
CHR1	2542982	CHR1:2542982	SSF x LoA	-7,675	-0,188	0,276
CHR1	2543012	CHR1:2543012	SSF x LoA	-10,353	0,027	0,297
CHR1	2543013	CHR1:2543013	SSF x LoA	-11,167	0,028	0,297
CHR1	2548543	CHR1:2548543	SSF x LoA	-8,403	0,004	0,286
CHR1	2563889	CHR1:2563889	SSF x LoA	-10,287	0,068	0,296
CHR1	2563932	CHR1:2563932	SSF x LoA	-10,510	-0,024	0,283
CHR1	2565491	CHR1:2565491	SSF x LoA	-9,277	-0,013	0,278
CHR1	2565500	CHR1:2565500	SSF x LoA	-9,594	-0,005	0,286
CHR1	2565509	CHR1:2565509	SSF x LoA	-9,788	-0,045	0,276
CHR1	2565538	CHR1:2565538	SSF x LoA	-10,490	-0,025	0,289
CHR1	2573322	CHR1:2573322	SSF x LoA	-9,553	-0,073	0,306
CHR1	2575832	CHR1:2575832	SSF x LoA	-10,288	0,083	0,283
CHR1	2575998	CHR1:2575998	SSF x LoA	-6,475	0,107	0,300
CHR1	2576117	CHR1:2576117	SSF x LoA	-9,451	0,003	0,310
CHR1	2593867	CHR1:2593867	SSF x LoA	-5,185	0,127	0,292
CHR1	2593949	CHR1:2593949	SSF x LoA	-9,405	-0,120	0,277
CHR1	2593974	CHR1:2593974	SSF x LoA	-9,835	-0,036	0,287
CHR1	2593989	CHR1:2593989	SSF x LoA	-9,327	-0,030	0,305
CHR1	2594032	CHR1:2594032	SSF x LoA	-7,324	-0,045	0,290
CHR1	2606134	CHR1:2606134	SSF x LoA	-9,891	-0,036	0,288
CHR1	2606414	CHR1:2606414	SSF x LoA	-9,247	-0,146	0,281
CHR1	2606417	CHR1:2606417	SSF x LoA	-7,891	-0,085	0,292
CHR1	2606424	CHR1:2606424	SSF x LoA	-8,762	0,082	0,294
CHR1	2606468	CHR1:2606468	SSF x LoA	-8,245	-0,048	0,304
CHR1	2606486	CHR1:2606486	SSF x LoA	-10,520	-0,136	0,279
CHR1	2606504	CHR1:2606504	SSF x LoA	-9,701	-0,102	0,293
CHR1	2614437	CHR1:2614437	SSF x LoA	-10,624	0,035	0,285
CHR1	2630655	CHR1:2630655	SSF x LoA	-11,177	-0,005	0,308
CHR1	2661414	CHR1:2661414	SSF x LoA	-7,403	-0,176	0,275
CHR1	2661532	CHR1:2661532	SSF x LoA	-9,893	0,125	0,292
CHR1	2661668	CHR1:2661668	SSF x LoA	-8,664	-0,030	0,279
CHR1	2661684	CHR1:2661684	SSF x LoA	-8,724	0,065	0,262
CHR1	2678135	CHR1:2678135	SSF x LoA	-10,613	0,057	0,300
CHR1	2687267	CHR1:2687267	SSF x LoA	-3,630	-0,121	0,276
CHR1	2687599	CHR1:2687599	SSF x LoA	-8,166	-0,142	0,292
CHR1	2688843	CHR1:2688843	SSF x LoA	-7,657	-0,177	0,274
CHR1	2688864	CHR1:2688864	SSF x LoA	-10,959	-0,018	0,293
CHR1	2688939	CHR1:2688939	SSF x LoA	-4,441	0,203	0,280
CHR1	2688942	CHR1:2688942	SSF x LoA	-1,797	0,212	0,271
CHR1	2688957	CHR1:2688957	SSF x LoA	-10,795	-0,055	0,289
CHR1	2689044	CHR1:2689044	SSF x LoA	-7,583	0,069	0,299
CHR1	2708349	CHR1:2708349	SSF x LoA	-10,220	-0,029	0,287
CHR1	2708543	CHR1:2708543	SSF x LoA	-8,450	0,054	0,287
CHR1	2734503	CHR1:2734503	SSF x LoA	-8,540	0,047	0,279
CHR1	2734561	CHR1:2734561	SSF x LoA	-7,566	-0,029	0,291

CHR1	2769044	CHR1:2769044	SSF x LoA	-10,141	0,025	0,306
CHR1	2769118	CHR1:2769118	SSF x LoA	-9,263	-0,078	0,297
CHR1	2769261	CHR1:2769261	SSF x LoA	-9,579	-0,121	0,277
CHR1	2769304	CHR1:2769304	SSF x LoA	-8,645	0,046	0,290
CHR1	2780255	CHR1:2780255	SSF x LoA	-8,845	-0,110	0,283
CHR1	2781523	CHR1:2781523	SSF x LoA	-7,969	-0,153	0,261
CHR1	2782456	CHR1:2782456	SSF x LoA	-11,365	0,060	0,298
CHR1	2782461	CHR1:2782461	SSF x LoA	-4,493	-0,191	0,290
CHR1	2782475	CHR1:2782475	SSF x LoA	-6,162	0,123	0,273
CHR1	2782521	CHR1:2782521	SSF x LoA	-11,314	0,062	0,268
CHR1	2782523	CHR1:2782523	SSF x LoA	-10,363	-0,036	0,277
CHR1	2782616	CHR1:2782616	SSF x LoA	-8,899	0,014	0,284
CHR1	2782621	CHR1:2782621	SSF x LoA	-8,416	-0,038	0,308
CHR1	2788289	CHR1:2788289	SSF x LoA	-7,470	0,049	0,296
CHR1	2788296	CHR1:2788296	SSF x LoA	-7,902	0,052	0,294
CHR1	2788369	CHR1:2788369	SSF x LoA	-6,986	-0,096	0,284
CHR1	2788370	CHR1:2788370	SSF x LoA	-11,957	0,017	0,285
CHR1	2788613	CHR1:2788613	SSF x LoA	-11,033	-0,022	0,289
CHR1	2791169	CHR1:2791169	SSF x LoA	-5,326	-0,177	0,291
CHR1	2791527	CHR1:2791527	SSF x LoA	-10,150	-0,072	0,290
CHR1	2792693	CHR1:2792693	SSF x LoA	-11,378	0,065	0,279
CHR1	2792765	CHR1:2792765	SSF x LoA	-9,031	0,082	0,299
CHR1	2792774	CHR1:2792774	SSF x LoA	-8,286	-0,054	0,281
CHR1	2793504	CHR1:2793504	SSF x LoA	-7,672	0,020	0,295
CHR1	2793580	CHR1:2793580	SSF x LoA	-1,581	0,109	0,281
CHR1	2793770	CHR1:2793770	SSF x LoA	-10,627	0,027	0,297
CHR1	2797109	CHR1:2797109	SSF x LoA	-9,404	0,022	0,294
CHR1	2815788	CHR1:2815788	SSF x LoA	-7,180	-0,180	0,278
CHR1	2834005	CHR1:2834005	SSF x LoA	-7,153	-0,039	0,290
CHR1	2834068	CHR1:2834068	SSF x LoA	-10,862	0,058	0,288
CHR1	2834129	CHR1:2834129	SSF x LoA	-8,084	0,112	0,292
CHR1	2834214	CHR1:2834214	SSF x LoA	-10,052	0,014	0,277
CHR1	2846352	CHR1:2846352	SSF x LoA	-8,893	-0,048	0,295
CHR1	2846448	CHR1:2846448	SSF x LoA	-9,415	0,003	0,286
CHR1	2846553	CHR1:2846553	SSF x LoA	-11,762	-0,016	0,287
CHR1	2858668	CHR1:2858668	SSF x LoA	-8,118	-0,076	0,286
CHR1	2858671	CHR1:2858671	SSF x LoA	-7,672	-0,091	0,275
CHR1	2858719	CHR1:2858719	SSF x LoA	-7,279	-0,050	0,291
CHR1	2858755	CHR1:2858755	SSF x LoA	-7,494	-0,039	0,289
CHR1	2858828	CHR1:2858828	SSF x LoA	-5,688	0,171	0,280
CHR1	2858854	CHR1:2858854	SSF x LoA	-8,174	0,070	0,284
CHR1	2860776	CHR1:2860776	SSF x LoA	-9,096	0,068	0,306
CHR1	2860810	CHR1:2860810	SSF x LoA	-10,510	-0,039	0,287
CHR1	2860844	CHR1:2860844	SSF x LoA	-7,438	-0,158	0,274
CHR1	2860862	CHR1:2860862	SSF x LoA	-10,286	-0,072	0,292
CHR1	2893593	CHR1:2893593	SSF x LoA	-10,548	-0,066	0,294
CHR1	2893676	CHR1:2893676	SSF x LoA	-6,159	0,158	0,296
CHR1	2900278	CHR1:2900278	SSF x LoA	-8,574	0,082	0,291
CHR1	2900291	CHR1:2900291	SSF x LoA	-9,802	0,108	0,280
CHR1	2900359	CHR1:2900359	SSF x LoA	-10,900	-0,047	0,294
CHR1	2900451	CHR1:2900451	SSF x LoA	-9,103	-0,009	0,283
CHR1	2900486	CHR1:2900486	SSF x LoA	-8,006	-0,183	0,274
CHR1	2900517	CHR1:2900517	SSF x LoA	-10,578	0,099	0,287

CHR1	2900548	CHR1:2900548	SSF x LoA	-9,873	-0,106	0,280
CHR1	2900598	CHR1:2900598	SSF x LoA	-8,312	0,005	0,284
CHR1	2904376	CHR1:2904376	SSF x LoA	-9,936	-0,076	0,277
CHR1	2904436	CHR1:2904436	SSF x LoA	-8,788	0,072	0,299
CHR1	2904510	CHR1:2904510	SSF x LoA	-6,935	-0,159	0,295
CHR1	2908867	CHR1:2908867	SSF x LoA	-9,178	0,015	0,292
CHR1	2908951	CHR1:2908951	SSF x LoA	-9,039	0,122	0,293
CHR1	2908977	CHR1:2908977	SSF x LoA	-5,563	-0,094	0,286
CHR1	2909009	CHR1:2909009	SSF x LoA	-11,093	-0,028	0,290
CHR1	2927020	CHR1:2927020	SSF x LoA	-10,117	-0,015	0,292
CHR1	2927123	CHR1:2927123	SSF x LoA	-9,395	-0,093	0,287
CHR1	2927126	CHR1:2927126	SSF x LoA	-8,747	-0,015	0,291
CHR1	2927196	CHR1:2927196	SSF x LoA	-6,073	-0,137	0,284
CHR1	2927225	CHR1:2927225	SSF x LoA	-2,106	-0,104	0,294
CHR1	2927386	CHR1:2927386	SSF x LoA	-10,882	-0,006	0,291
CHR1	2939466	CHR1:2939466	SSF x LoA	-8,129	-0,008	0,300
CHR1	2939601	CHR1:2939601	SSF x LoA	-9,089	0,101	0,281
CHR1	2939646	CHR1:2939646	SSF x LoA	-7,610	-0,077	0,289
CHR1	2944420	CHR1:2944420	SSF x LoA	-7,716	-0,129	0,292
CHR1	2944447	CHR1:2944447	SSF x LoA	-9,091	-0,086	0,298
CHR1	2944469	CHR1:2944469	SSF x LoA	-8,727	-0,075	0,296
CHR1	2944527	CHR1:2944527	SSF x LoA	-9,862	0,006	0,294
CHR1	2944543	CHR1:2944543	SSF x LoA	-7,421	0,003	0,297
CHR1	2954875	CHR1:2954875	SSF x LoA	-6,190	0,149	0,287
CHR1	2954924	CHR1:2954924	SSF x LoA	-7,628	0,087	0,297
CHR1	2954975	CHR1:2954975	SSF x LoA	-10,891	-0,054	0,280
CHR1	2958227	CHR1:2958227	SSF x LoA	-10,669	-0,025	0,287
CHR1	2958295	CHR1:2958295	SSF x LoA	-9,904	-0,025	0,289
CHR1	2958333	CHR1:2958333	SSF x LoA	-11,078	0,057	0,294
CHR1	2958342	CHR1:2958342	SSF x LoA	-10,684	-0,016	0,278
CHR1	2958359	CHR1:2958359	SSF x LoA	-6,487	-0,130	0,296
CHR1	2959483	CHR1:2959483	SSF x LoA	-9,465	0,051	0,284
CHR1	2969922	CHR1:2969922	SSF x LoA	-7,483	0,057	0,309
CHR1	2978426	CHR1:2978426	SSF x LoA	-9,149	0,151	0,284
CHR1	2978559	CHR1:2978559	SSF x LoA	-9,885	0,052	0,297
CHR1	2979261	CHR1:2979261	SSF x LoA	-7,901	0,129	0,288
CHR1	2979409	CHR1:2979409	SSF x LoA	-7,695	0,107	0,289
CHR1	2979506	CHR1:2979506	SSF x LoA	-8,601	0,018	0,272
CHR1	2979518	CHR1:2979518	SSF x LoA	-10,509	-0,018	0,296
CHR1	2989868	CHR1:2989868	SSF x LoA	-10,238	0,026	0,293
CHR1	2989973	CHR1:2989973	SSF x LoA	-10,137	-0,120	0,287
CHR1	3022072	CHR1:3022072	SSF x LoA	-11,703	0,011	0,290
CHR1	3022081	CHR1:3022081	SSF x LoA	-9,574	0,077	0,284
CHR1	3022353	CHR1:3022353	SSF x LoA	-10,593	0,035	0,280
CHR1	3022354	CHR1:3022354	SSF x LoA	-10,467	-0,022	0,284
CHR1	3022431	CHR1:3022431	SSF x LoA	-9,993	-0,004	0,290
CHR1	3025193	CHR1:3025193	SSF x LoA	-10,015	0,060	0,289
CHR1	3025308	CHR1:3025308	SSF x LoA	-9,296	0,049	0,291
CHR1	3025370	CHR1:3025370	SSF x LoA	-9,131	-0,033	0,298
CHR1	3051383	CHR1:3051383	SSF x LoA	-9,231	-0,031	0,284
CHR1	3051399	CHR1:3051399	SSF x LoA	-9,808	-0,117	0,286
CHR1	3051465	CHR1:3051465	SSF x LoA	-8,050	-0,103	0,281
CHR1	3054637	CHR1:3054637	SSF x LoA	-10,778	-0,118	0,278

CHR1	3059581	CHR1:3059581	SSF x LoA	-8,877	-0,050	0,284
CHR1	3091893	CHR1:3091893	SSF x LoA	-8,021	-0,038	0,295
CHR1	3102942	CHR1:3102942	SSF x LoA	-10,558	-0,004	0,298
CHR1	3110776	CHR1:3110776	SSF x LoA	-9,624	-0,060	0,275
CHR1	3110777	CHR1:3110777	SSF x LoA	-8,822	-0,079	0,284
CHR1	3110858	CHR1:3110858	SSF x LoA	-7,553	0,172	0,293
CHR1	3110896	CHR1:3110896	SSF x LoA	-6,318	-0,091	0,289
CHR1	3111949	CHR1:3111949	SSF x LoA	-6,447	0,129	0,302
CHR1	3114736	CHR1:3114736	SSF x LoA	-3,282	0,226	0,285
CHR1	3114949	CHR1:3114949	SSF x LoA	-7,369	-0,139	0,283
CHR1	3118217	CHR1:3118217	SSF x LoA	-10,515	-0,116	0,278
CHR1	3121494	CHR1:3121494	SSF x LoA	-10,867	-0,025	0,291
CHR1	3121682	CHR1:3121682	SSF x LoA	-6,259	-0,172	0,282
CHR1	3122838	CHR1:3122838	SSF x LoA	-8,274	0,124	0,286
CHR1	3122870	CHR1:3122870	SSF x LoA	-7,664	-0,018	0,278
CHR1	3122887	CHR1:3122887	SSF x LoA	-10,928	-0,020	0,286
CHR1	3122889	CHR1:3122889	SSF x LoA	-5,362	0,202	0,278
CHR1	3122953	CHR1:3122953	SSF x LoA	-6,195	-0,131	0,292
CHR1	3123165	CHR1:3123165	SSF x LoA	-8,677	-0,039	0,282
CHR1	3126293	CHR1:3126293	SSF x LoA	-10,409	-0,008	0,286
CHR1	3126382	CHR1:3126382	SSF x LoA	-10,042	-0,119	0,288
CHR1	3126469	CHR1:3126469	SSF x LoA	-10,662	-0,005	0,288
CHR1	3126512	CHR1:3126512	SSF x LoA	-6,366	-0,219	0,273
CHR1	3127930	CHR1:3127930	SSF x LoA	-9,879	0,064	0,306
CHR1	3127947	CHR1:3127947	SSF x LoA	-9,200	0,080	0,294
CHR1	3130974	CHR1:3130974	SSF x LoA	-9,811	0,054	0,287
CHR1	3131085	CHR1:3131085	SSF x LoA	-8,178	0,063	0,285
CHR1	3131090	CHR1:3131090	SSF x LoA	4,124	0,044	0,300
CHR1	3131138	CHR1:3131138	SSF x LoA	-8,515	-0,067	0,287
CHR1	3136689	CHR1:3136689	SSF x LoA	-7,495	-0,050	0,289
CHR1	3136816	CHR1:3136816	SSF x LoA	-9,037	-0,037	0,293
CHR1	3136962	CHR1:3136962	SSF x LoA	-8,102	-0,192	0,280
CHR1	3138260	CHR1:3138260	SSF x LoA	-6,330	-0,020	0,303
CHR1	3138346	CHR1:3138346	SSF x LoA	-11,650	0,063	0,278
CHR1	3138445	CHR1:3138445	SSF x LoA	-9,806	-0,074	0,292
CHR1	3138533	CHR1:3138533	SSF x LoA	-6,984	0,073	0,292
CHR1	3143780	CHR1:3143780	SSF x LoA	-4,966	0,232	0,262
CHR1	3155843	CHR1:3155843	SSF x LoA	-8,258	-0,052	0,286
CHR1	3155872	CHR1:3155872	SSF x LoA	-6,129	0,162	0,295
CHR1	3166953	CHR1:3166953	SSF x LoA	-5,326	0,179	0,287
CHR1	3167008	CHR1:3167008	SSF x LoA	-11,178	0,065	0,286
CHR1	3167049	CHR1:3167049	SSF x LoA	-5,452	-0,175	0,281
CHR1	3167064	CHR1:3167064	SSF x LoA	-6,009	-0,146	0,276
CHR1	3177250	CHR1:3177250	SSF x LoA	-7,782	0,001	0,306
CHR1	3177855	CHR1:3177855	SSF x LoA	1,048	-0,209	0,269
CHR1	3177868	CHR1:3177868	SSF x LoA	-4,620	0,121	0,298
CHR1	3177905	CHR1:3177905	SSF x LoA	-9,427	-0,040	0,281
CHR1	3186110	CHR1:3186110	SSF x LoA	-5,972	-0,124	0,298
CHR1	3186272	CHR1:3186272	SSF x LoA	-7,654	-0,115	0,299
CHR1	3186278	CHR1:3186278	SSF x LoA	-7,563	-0,125	0,276
CHR1	3186281	CHR1:3186281	SSF x LoA	-9,595	-0,183	0,280
CHR1	3188658	CHR1:3188658	SSF x LoA	-7,948	-0,013	0,279
CHR1	3188720	CHR1:3188720	SSF x LoA	-8,910	0,105	0,283

CHR1	3188826	CHR1:3188826	SSF x LoA	-11,115	-0,004	0,296
CHR1	3192774	CHR1:3192774	SSF x LoA	-7,667	-0,125	0,263
CHR1	3197243	CHR1:3197243	SSF x LoA	-0,645	-0,113	0,289
CHR1	3202842	CHR1:3202842	SSF x LoA	-7,601	-0,134	0,267
CHR1	3202916	CHR1:3202916	SSF x LoA	-5,363	0,153	0,294
CHR1	3202942	CHR1:3202942	SSF x LoA	-4,788	0,159	0,281
CHR1	3202986	CHR1:3202986	SSF x LoA	-6,191	0,085	0,280
CHR1	3202988	CHR1:3202988	SSF x LoA	-7,589	0,092	0,291
CHR1	3202992	CHR1:3202992	SSF x LoA	-8,112	0,104	0,287
CHR1	3219249	CHR1:3219249	SSF x LoA	-9,667	-0,016	0,303
CHR1	3227896	CHR1:3227896	SSF x LoA	-4,281	0,179	0,295
CHR1	3259245	CHR1:3259245	SSF x LoA	-9,605	-0,037	0,284
CHR1	3259279	CHR1:3259279	SSF x LoA	-7,642	0,023	0,292
CHR1	3260963	CHR1:3260963	SSF x LoA	-9,955	0,028	0,280
CHR1	3260970	CHR1:3260970	SSF x LoA	-6,564	0,031	0,287
CHR1	3261020	CHR1:3261020	SSF x LoA	-8,052	0,020	0,292
CHR1	3261085	CHR1:3261085	SSF x LoA	-8,223	0,094	0,295
CHR1	3261127	CHR1:3261127	SSF x LoA	-8,043	0,078	0,289
CHR1	3261161	CHR1:3261161	SSF x LoA	-6,312	-0,088	0,290
CHR1	3261198	CHR1:3261198	SSF x LoA	2,293	0,212	0,286
CHR1	3261267	CHR1:3261267	SSF x LoA	-7,507	-0,142	0,270
CHR1	3266508	CHR1:3266508	SSF x LoA	-8,093	0,067	0,296
CHR1	3285538	CHR1:3285538	SSF x LoA	-9,237	-0,008	0,294
CHR1	3285670	CHR1:3285670	SSF x LoA	-7,990	0,010	0,281
CHR1	3287149	CHR1:3287149	SSF x LoA	-10,837	-0,038	0,281
CHR1	3287214	CHR1:3287214	SSF x LoA	-9,488	-0,116	0,284
CHR1	3295344	CHR1:3295344	SSF x LoA	-3,847	0,117	0,280
CHR1	3306066	CHR1:3306066	SSF x LoA	-9,627	0,041	0,262
CHR1	3306142	CHR1:3306142	SSF x LoA	-11,173	-0,037	0,293
CHR1	3306148	CHR1:3306148	SSF x LoA	-9,463	-0,082	0,277
CHR1	3306545	CHR1:3306545	SSF x LoA	-6,140	0,049	0,275
CHR1	3315116	CHR1:3315116	SSF x LoA	-8,239	0,036	0,292
CHR1	3317357	CHR1:3317357	SSF x LoA	-5,168	0,161	0,307
CHR1	3317366	CHR1:3317366	SSF x LoA	-10,022	0,031	0,290
CHR1	3340269	CHR1:3340269	SSF x LoA	-9,377	-0,101	0,292
CHR1	3346503	CHR1:3346503	SSF x LoA	-6,562	0,101	0,297
CHR1	3346516	CHR1:3346516	SSF x LoA	-8,323	0,028	0,292
CHR1	3350859	CHR1:3350859	SSF x LoA	-7,858	-0,085	0,285
CHR1	3350962	CHR1:3350962	SSF x LoA	-8,096	-0,029	0,280
CHR1	3377232	CHR1:3377232	SSF x LoA	-6,849	0,100	0,276
CHR1	3406478	CHR1:3406478	SSF x LoA	-11,248	0,067	0,286
CHR1	3406487	CHR1:3406487	SSF x LoA	-8,889	-0,068	0,302
CHR1	3406633	CHR1:3406633	SSF x LoA	-9,487	-0,013	0,288
CHR1	3406649	CHR1:3406649	SSF x LoA	-10,323	0,044	0,290
CHR1	3412143	CHR1:3412143	SSF x LoA	-10,315	0,024	0,284
CHR1	3412167	CHR1:3412167	SSF x LoA	-9,794	-0,082	0,298
CHR1	3429999	CHR1:3429999	SSF x LoA	-5,678	0,180	0,297
CHR1	3430177	CHR1:3430177	SSF x LoA	-7,090	0,050	0,275
CHR1	343906	CHR1:343906	SSF x LoA	-4,860	-0,135	0,289
CHR1	3439242	CHR1:3439242	SSF x LoA	-7,536	-0,122	0,295
CHR1	3439291	CHR1:3439291	SSF x LoA	-9,951	0,122	0,268
CHR1	3439309	CHR1:3439309	SSF x LoA	-6,167	-0,048	0,293
CHR1	3451532	CHR1:3451532	SSF x LoA	-9,067	-0,039	0,300

CHR1	3451621	CHR1:3451621	SSF x LoA	-9,397	-0,065	0,280
CHR1	3454305	CHR1:3454305	SSF x LoA	-10,912	-0,085	0,292
CHR1	3454633	CHR1:3454633	SSF x LoA	-11,254	0,000	0,284
CHR1	3469446	CHR1:3469446	SSF x LoA	-8,916	0,156	0,291
CHR1	3469581	CHR1:3469581	SSF x LoA	-8,595	0,076	0,284
CHR1	3469585	CHR1:3469585	SSF x LoA	-7,821	0,099	0,284
CHR1	3469625	CHR1:3469625	SSF x LoA	-10,118	0,055	0,294
CHR1	3469675	CHR1:3469675	SSF x LoA	-8,143	0,038	0,299
CHR1	3483332	CHR1:3483332	SSF x LoA	-7,046	0,110	0,268
CHR1	3514928	CHR1:3514928	SSF x LoA	-6,325	0,159	0,282
CHR1	3514938	CHR1:3514938	SSF x LoA	-10,089	0,066	0,288
CHR1	3515077	CHR1:3515077	SSF x LoA	-11,137	-0,085	0,270
CHR1	3519880	CHR1:3519880	SSF x LoA	-6,691	0,154	0,282
CHR1	3520260	CHR1:3520260	SSF x LoA	-4,692	-0,103	0,287
CHR1	3520262	CHR1:3520262	SSF x LoA	-7,441	-0,085	0,288
CHR1	3525713	CHR1:3525713	SSF x LoA	-9,394	0,125	0,276
CHR1	3539885	CHR1:3539885	SSF x LoA	-11,226	-0,082	0,293
CHR1	3543352	CHR1:3543352	SSF x LoA	-7,910	0,082	0,289
CHR1	3543520	CHR1:3543520	SSF x LoA	-8,198	-0,102	0,284
CHR1	3557490	CHR1:3557490	SSF x LoA	-10,866	-0,102	0,280
CHR1	3557512	CHR1:3557512	SSF x LoA	-10,090	-0,081	0,285
CHR1	3560130	CHR1:3560130	SSF x LoA	-8,168	-0,109	0,290
CHR1	3560214	CHR1:3560214	SSF x LoA	-9,016	0,086	0,291
CHR1	3560258	CHR1:3560258	SSF x LoA	-10,911	-0,046	0,281
CHR1	3560359	CHR1:3560359	SSF x LoA	-7,479	0,096	0,292
CHR1	3574160	CHR1:3574160	SSF x LoA	-9,530	0,025	0,293
CHR1	3574166	CHR1:3574166	SSF x LoA	-7,268	-0,024	0,303
CHR1	3574182	CHR1:3574182	SSF x LoA	-8,669	-0,027	0,287
CHR1	3574188	CHR1:3574188	SSF x LoA	-9,455	-0,045	0,284
CHR1	3574194	CHR1:3574194	SSF x LoA	-8,745	-0,033	0,290
CHR1	3574200	CHR1:3574200	SSF x LoA	-8,711	0,001	0,296
CHR1	3574243	CHR1:3574243	SSF x LoA	-9,807	0,011	0,282
CHR1	3574256	CHR1:3574256	SSF x LoA	-8,201	0,045	0,281
CHR1	3592226	CHR1:3592226	SSF x LoA	-7,921	0,030	0,289
CHR1	3624753	CHR1:3624753	SSF x LoA	-8,484	-0,104	0,291
CHR1	3629166	CHR1:3629166	SSF x LoA	-8,747	-0,016	0,280
CHR1	3629205	CHR1:3629205	SSF x LoA	-9,373	0,050	0,287
CHR1	3629307	CHR1:3629307	SSF x LoA	-8,088	0,120	0,272
CHR1	3629317	CHR1:3629317	SSF x LoA	-7,969	-0,053	0,301
CHR1	3629339	CHR1:3629339	SSF x LoA	2,472	-0,150	0,285
CHR1	3629349	CHR1:3629349	SSF x LoA	-4,504	0,142	0,261
CHR1	3630332	CHR1:3630332	SSF x LoA	-7,210	-0,001	0,293
CHR1	3630554	CHR1:3630554	SSF x LoA	-9,775	0,112	0,280
CHR1	3632498	CHR1:3632498	SSF x LoA	-9,448	-0,016	0,276
CHR1	3632509	CHR1:3632509	SSF x LoA	-9,043	-0,063	0,298
CHR1	3632549	CHR1:3632549	SSF x LoA	-8,877	-0,092	0,277
CHR1	3632576	CHR1:3632576	SSF x LoA	-9,824	0,066	0,292
CHR1	3634556	CHR1:3634556	SSF x LoA	-11,232	0,000	0,281
CHR1	3638545	CHR1:3638545	SSF x LoA	-9,213	-0,062	0,273
CHR1	3658428	CHR1:3658428	SSF x LoA	-9,933	-0,107	0,282
CHR1	3658501	CHR1:3658501	SSF x LoA	-7,145	0,162	0,281
CHR1	3658601	CHR1:3658601	SSF x LoA	-9,788	-0,054	0,283
CHR1	3664673	CHR1:3664673	SSF x LoA	-7,496	-0,020	0,282

CHR1	3664681	CHR1:3664681	SSF x LoA	-8,877	0,078	0,282
CHR1	3664703	CHR1:3664703	SSF x LoA	-4,468	0,018	0,282
CHR1	3664708	CHR1:3664708	SSF x LoA	-7,080	0,032	0,286
CHR1	3707515	CHR1:3707515	SSF x LoA	-7,622	-0,056	0,283
CHR1	3707975	CHR1:3707975	SSF x LoA	-9,019	-0,011	0,286
CHR1	3752863	CHR1:3752863	SSF x LoA	-6,957	0,008	0,295
CHR1	3791721	CHR1:3791721	SSF x LoA	-10,332	-0,002	0,276
CHR1	3802746	CHR1:3802746	SSF x LoA	-5,665	0,061	0,282
CHR1	3802821	CHR1:3802821	SSF x LoA	-10,750	-0,054	0,277
CHR1	3806315	CHR1:3806315	SSF x LoA	-8,066	-0,061	0,289
CHR1	3806319	CHR1:3806319	SSF x LoA	-9,497	-0,020	0,281
CHR1	3808308	CHR1:3808308	SSF x LoA	-9,318	-0,075	0,279
CHR1	380924	CHR1:380924	SSF x LoA	-7,952	0,105	0,301
CHR1	3824309	CHR1:3824309	SSF x LoA	-8,761	0,007	0,277
CHR1	3824556	CHR1:3824556	SSF x LoA	-8,243	-0,094	0,294
CHR1	3824558	CHR1:3824558	SSF x LoA	-7,776	-0,140	0,294
CHR1	3824559	CHR1:3824559	SSF x LoA	-7,635	-0,120	0,297
CHR1	3824571	CHR1:3824571	SSF x LoA	-2,233	0,194	0,282
CHR1	3827239	CHR1:3827239	SSF x LoA	-6,715	0,147	0,273
CHR1	3827307	CHR1:3827307	SSF x LoA	-8,972	-0,042	0,288
CHR1	3827308	CHR1:3827308	SSF x LoA	-7,452	0,005	0,305
CHR1	3827345	CHR1:3827345	SSF x LoA	-7,276	0,038	0,297
CHR1	3827371	CHR1:3827371	SSF x LoA	-8,747	-0,112	0,295
CHR1	3827379	CHR1:3827379	SSF x LoA	-8,947	-0,087	0,298
CHR1	383570	CHR1:383570	SSF x LoA	-8,826	-0,022	0,287
CHR1	383657	CHR1:383657	SSF x LoA	-6,657	0,184	0,290
CHR1	383953	CHR1:383953	SSF x LoA	-7,697	-0,096	0,283
CHR1	3848946	CHR1:3848946	SSF x LoA	-7,895	-0,056	0,300
CHR1	3848953	CHR1:3848953	SSF x LoA	-10,432	-0,049	0,295
CHR1	3849249	CHR1:3849249	SSF x LoA	-7,855	-0,007	0,289
CHR1	3849355	CHR1:3849355	SSF x LoA	-10,631	-0,044	0,285
CHR1	3866384	CHR1:3866384	SSF x LoA	-8,508	-0,045	0,281
CHR1	3866389	CHR1:3866389	SSF x LoA	-5,679	0,142	0,276
CHR1	3866433	CHR1:3866433	SSF x LoA	-11,307	0,001	0,284
CHR1	3866442	CHR1:3866442	SSF x LoA	-9,765	-0,005	0,285
CHR1	3866605	CHR1:3866605	SSF x LoA	-9,784	0,026	0,301
CHR1	3869858	CHR1:3869858	SSF x LoA	1,743	0,114	0,291
CHR1	3869907	CHR1:3869907	SSF x LoA	-8,682	-0,043	0,290
CHR1	3887430	CHR1:3887430	SSF x LoA	-10,107	-0,017	0,280
CHR1	3893100	CHR1:3893100	SSF x LoA	-8,544	0,026	0,278
CHR1	3893196	CHR1:3893196	SSF x LoA	-9,156	0,098	0,293
CHR1	3893243	CHR1:3893243	SSF x LoA	-10,115	0,071	0,289
CHR1	3893264	CHR1:3893264	SSF x LoA	-8,623	0,020	0,296
CHR1	3893312	CHR1:3893312	SSF x LoA	-10,533	0,006	0,305
CHR1	3895305	CHR1:3895305	SSF x LoA	-7,771	0,032	0,297
CHR1	3895346	CHR1:3895346	SSF x LoA	-7,473	0,103	0,293
CHR1	3895414	CHR1:3895414	SSF x LoA	-8,478	0,074	0,289
CHR1	3906238	CHR1:3906238	SSF x LoA	-7,713	0,030	0,290
CHR1	3906299	CHR1:3906299	SSF x LoA	-8,348	-0,007	0,292
CHR1	3906542	CHR1:3906542	SSF x LoA	-10,040	-0,066	0,281
CHR1	3906574	CHR1:3906574	SSF x LoA	-9,605	-0,101	0,278
CHR1	3907152	CHR1:3907152	SSF x LoA	-4,444	-0,148	0,297
CHR1	3909184	CHR1:3909184	SSF x LoA	-8,768	-0,069	0,284

CHR1	3909361	CHR1:3909361	SSF x LoA	-8,526	-0,017	0,289
CHR1	3911900	CHR1:3911900	SSF x LoA	-7,323	-0,050	0,300
CHR1	3921907	CHR1:3921907	SSF x LoA	-6,871	-0,187	0,283
CHR1	3921910	CHR1:3921910	SSF x LoA	-10,222	-0,050	0,296
CHR1	3921998	CHR1:3921998	SSF x LoA	-8,238	-0,103	0,291
CHR1	3922043	CHR1:3922043	SSF x LoA	-8,087	0,023	0,300
CHR1	3922052	CHR1:3922052	SSF x LoA	-9,940	-0,063	0,288
CHR1	3922056	CHR1:3922056	SSF x LoA	-7,383	-0,115	0,292
CHR1	3926359	CHR1:3926359	SSF x LoA	-7,861	0,045	0,292
CHR1	3926397	CHR1:3926397	SSF x LoA	-8,514	0,015	0,289
CHR1	3926430	CHR1:3926430	SSF x LoA	-3,297	-0,044	0,290
CHR1	3926501	CHR1:3926501	SSF x LoA	-9,841	0,040	0,288
CHR1	3926532	CHR1:3926532	SSF x LoA	-9,019	-0,063	0,288
CHR1	3944254	CHR1:3944254	SSF x LoA	-10,142	0,038	0,286
CHR1	3955131	CHR1:3955131	SSF x LoA	-5,273	0,145	0,276
CHR1	3955481	CHR1:3955481	SSF x LoA	-0,402	-0,070	0,276
CHR1	3961971	CHR1:3961971	SSF x LoA	-10,549	0,011	0,286
CHR1	3962035	CHR1:3962035	SSF x LoA	-11,258	-0,040	0,294
CHR1	3962040	CHR1:3962040	SSF x LoA	-10,710	-0,032	0,295
CHR1	3962079	CHR1:3962079	SSF x LoA	-7,549	-0,056	0,288
CHR1	3962090	CHR1:3962090	SSF x LoA	-10,193	-0,007	0,289
CHR1	3962110	CHR1:3962110	SSF x LoA	-7,140	0,188	0,284
CHR1	3962120	CHR1:3962120	SSF x LoA	-7,689	0,001	0,287
CHR1	3962941	CHR1:3962941	SSF x LoA	-5,503	-0,202	0,279
CHR1	3965448	CHR1:3965448	SSF x LoA	-3,005	0,056	0,299
CHR1	3965461	CHR1:3965461	SSF x LoA	-9,564	0,070	0,292
CHR1	3965471	CHR1:3965471	SSF x LoA	-8,940	-0,132	0,274
CHR1	3975258	CHR1:3975258	SSF x LoA	-7,209	0,108	0,291
CHR1	3975379	CHR1:3975379	SSF x LoA	-9,659	-0,055	0,284
CHR1	3975424	CHR1:3975424	SSF x LoA	-6,365	0,153	0,276
CHR1	3984779	CHR1:3984779	SSF x LoA	-5,845	-0,200	0,277
CHR1	3984792	CHR1:3984792	SSF x LoA	-11,162	0,036	0,288
CHR1	3984928	CHR1:3984928	SSF x LoA	-9,564	0,018	0,267
CHR1	4008373	CHR1:4008373	SSF x LoA	-8,157	-0,015	0,299
CHR1	4008424	CHR1:4008424	SSF x LoA	-10,716	0,038	0,299
CHR1	4019786	CHR1:4019786	SSF x LoA	-6,247	-0,058	0,298
CHR1	4019803	CHR1:4019803	SSF x LoA	-8,871	-0,100	0,288
CHR1	4019835	CHR1:4019835	SSF x LoA	-9,218	0,060	0,282
CHR1	4019988	CHR1:4019988	SSF x LoA	-10,071	0,015	0,287
CHR1	4021175	CHR1:4021175	SSF x LoA	-0,630	0,079	0,301
CHR1	4026790	CHR1:4026790	SSF x LoA	-7,570	-0,157	0,299
CHR1	4026892	CHR1:4026892	SSF x LoA	-8,348	-0,155	0,298
CHR1	4027706	CHR1:4027706	SSF x LoA	-8,801	0,169	0,267
CHR1	4037665	CHR1:4037665	SSF x LoA	-5,998	0,106	0,296
CHR1	4037860	CHR1:4037860	SSF x LoA	-7,376	-0,042	0,284
CHR1	4052813	CHR1:4052813	SSF x LoA	-10,068	0,050	0,295
CHR1	4052839	CHR1:4052839	SSF x LoA	-6,149	-0,192	0,285
CHR1	4052840	CHR1:4052840	SSF x LoA	-3,151	-0,063	0,279
CHR1	4052856	CHR1:4052856	SSF x LoA	-10,074	-0,022	0,311
CHR1	4052869	CHR1:4052869	SSF x LoA	-9,360	-0,056	0,291
CHR1	4052896	CHR1:4052896	SSF x LoA	-5,393	-0,144	0,276
CHR1	4052957	CHR1:4052957	SSF x LoA	-6,011	-0,028	0,270
CHR1	407264	CHR1:407264	SSF x LoA	-8,038	-0,095	0,282

CHR1	4075270	CHR1:4075270	SSF x LoA	-8,853	0,009	0,295
CHR1	4075271	CHR1:4075271	SSF x LoA	-8,035	0,019	0,299
CHR1	4075303	CHR1:4075303	SSF x LoA	-3,129	0,013	0,306
CHR1	4075431	CHR1:4075431	SSF x LoA	-8,806	0,082	0,289
CHR1	4076658	CHR1:4076658	SSF x LoA	-7,249	0,023	0,294
CHR1	4078065	CHR1:4078065	SSF x LoA	0,286	0,011	0,297
CHR1	4078071	CHR1:4078071	SSF x LoA	-11,178	-0,046	0,275
CHR1	4078102	CHR1:4078102	SSF x LoA	-10,499	-0,067	0,293
CHR1	4078131	CHR1:4078131	SSF x LoA	-8,742	0,003	0,290
CHR1	4086330	CHR1:4086330	SSF x LoA	-7,563	0,067	0,273
CHR1	4100533	CHR1:4100533	SSF x LoA	-7,760	0,155	0,268
CHR1	4105243	CHR1:4105243	SSF x LoA	-10,784	-0,049	0,283
CHR1	4105310	CHR1:4105310	SSF x LoA	-9,826	0,085	0,290
CHR1	4105345	CHR1:4105345	SSF x LoA	-7,325	-0,084	0,300
CHR1	4121343	CHR1:4121343	SSF x LoA	-9,017	-0,058	0,280
CHR1	4121413	CHR1:4121413	SSF x LoA	-8,269	-0,044	0,299
CHR1	4121420	CHR1:4121420	SSF x LoA	-9,030	-0,003	0,283
CHR1	4121494	CHR1:4121494	SSF x LoA	-8,508	-0,051	0,287
CHR1	4121538	CHR1:4121538	SSF x LoA	-8,200	-0,073	0,280
CHR1	4134725	CHR1:4134725	SSF x LoA	-11,056	0,020	0,303
CHR1	4134884	CHR1:4134884	SSF x LoA	-8,652	-0,036	0,285
CHR1	4149821	CHR1:4149821	SSF x LoA	-8,047	-0,020	0,288
CHR1	4149830	CHR1:4149830	SSF x LoA	-2,036	-0,088	0,289
CHR1	4149844	CHR1:4149844	SSF x LoA	-4,483	-0,086	0,278
CHR1	4149950	CHR1:4149950	SSF x LoA	-7,236	0,164	0,274
CHR1	4152059	CHR1:4152059	SSF x LoA	-10,097	-0,111	0,288
CHR1	4152152	CHR1:4152152	SSF x LoA	-8,194	-0,043	0,289
CHR1	4152276	CHR1:4152276	SSF x LoA	-7,264	0,009	0,304
CHR1	4173460	CHR1:4173460	SSF x LoA	-9,833	-0,013	0,284
CHR1	4173554	CHR1:4173554	SSF x LoA	-8,872	0,081	0,293
CHR1	4178511	CHR1:4178511	SSF x LoA	-7,683	-0,007	0,294
CHR1	4178665	CHR1:4178665	SSF x LoA	-11,619	-0,037	0,282
CHR1	418581	CHR1:418581	SSF x LoA	-8,914	0,042	0,298
CHR1	418634	CHR1:418634	SSF x LoA	-10,978	0,043	0,289
CHR1	4202646	CHR1:4202646	SSF x LoA	-7,294	0,138	0,288
CHR1	4202665	CHR1:4202665	SSF x LoA	-9,254	-0,037	0,303
CHR1	4202700	CHR1:4202700	SSF x LoA	-10,798	-0,089	0,276
CHR1	4202726	CHR1:4202726	SSF x LoA	-7,370	-0,161	0,280
CHR1	4202731	CHR1:4202731	SSF x LoA	-2,383	-0,170	0,277
CHR1	4202734	CHR1:4202734	SSF x LoA	-9,399	0,019	0,270
CHR1	4202766	CHR1:4202766	SSF x LoA	-6,013	-0,186	0,279
CHR1	4202800	CHR1:4202800	SSF x LoA	-9,909	0,090	0,282
CHR1	4213191	CHR1:4213191	SSF x LoA	-6,023	0,123	0,279
CHR1	4232655	CHR1:4232655	SSF x LoA	-3,009	0,137	0,286
CHR1	4232805	CHR1:4232805	SSF x LoA	-9,458	-0,006	0,284
CHR1	4232823	CHR1:4232823	SSF x LoA	-7,367	0,048	0,299
CHR1	4232921	CHR1:4232921	SSF x LoA	-8,734	-0,096	0,293
CHR1	4249529	CHR1:4249529	SSF x LoA	-4,267	0,085	0,284
CHR1	4249559	CHR1:4249559	SSF x LoA	-7,917	0,073	0,288
CHR1	4249565	CHR1:4249565	SSF x LoA	-7,989	0,107	0,291
CHR1	4252138	CHR1:4252138	SSF x LoA	-7,523	-0,091	0,279
CHR1	4317980	CHR1:4317980	SSF x LoA	-8,901	-0,033	0,281
CHR1	4319145	CHR1:4319145	SSF x LoA	-9,074	-0,039	0,273

CHR1	4319153	CHR1:4319153	SSF x LoA	-7,598	0,090	0,277
CHR1	4319369	CHR1:4319369	SSF x LoA	-9,168	-0,022	0,287
CHR1	4319418	CHR1:4319418	SSF x LoA	-10,231	0,020	0,296
CHR1	4325975	CHR1:4325975	SSF x LoA	-10,522	-0,004	0,294
CHR1	4326001	CHR1:4326001	SSF x LoA	-1,300	0,159	0,285
CHR1	4326049	CHR1:4326049	SSF x LoA	-9,389	-0,026	0,289
CHR1	4333679	CHR1:4333679	SSF x LoA	-9,142	-0,013	0,294
CHR1	4333822	CHR1:4333822	SSF x LoA	-10,336	-0,086	0,303
CHR1	434214	CHR1:434214	SSF x LoA	-8,816	0,017	0,281
CHR1	4344112	CHR1:4344112	SSF x LoA	-9,467	-0,045	0,289
CHR1	4344171	CHR1:4344171	SSF x LoA	-7,498	-0,110	0,281
CHR1	4355361	CHR1:4355361	SSF x LoA	-8,287	-0,006	0,299
CHR1	4355426	CHR1:4355426	SSF x LoA	-8,991	-0,113	0,294
CHR1	4355448	CHR1:4355448	SSF x LoA	-6,520	-0,056	0,288
CHR1	4355449	CHR1:4355449	SSF x LoA	-7,206	-0,016	0,288
CHR1	4355457	CHR1:4355457	SSF x LoA	-9,604	-0,019	0,284
CHR1	4355465	CHR1:4355465	SSF x LoA	-8,907	-0,001	0,280
CHR1	4355466	CHR1:4355466	SSF x LoA	-9,154	-0,004	0,284
CHR1	4355551	CHR1:4355551	SSF x LoA	-3,448	-0,076	0,287
CHR1	4355553	CHR1:4355553	SSF x LoA	-6,031	0,090	0,282
CHR1	4355554	CHR1:4355554	SSF x LoA	-7,788	-0,102	0,284
CHR1	4355592	CHR1:4355592	SSF x LoA	-9,411	0,111	0,289
CHR1	4355599	CHR1:4355599	SSF x LoA	-7,459	0,222	0,262
CHR1	4355603	CHR1:4355603	SSF x LoA	-10,751	0,049	0,282
CHR1	4355622	CHR1:4355622	SSF x LoA	-8,918	0,002	0,301
CHR1	4355627	CHR1:4355627	SSF x LoA	-6,336	0,009	0,292
CHR1	4355628	CHR1:4355628	SSF x LoA	-9,735	0,001	0,292
CHR1	4363132	CHR1:4363132	SSF x LoA	-11,315	-0,046	0,292
CHR1	4363205	CHR1:4363205	SSF x LoA	-9,433	-0,038	0,294
CHR1	4374590	CHR1:4374590	SSF x LoA	-3,965	0,147	0,299
CHR1	4374608	CHR1:4374608	SSF x LoA	-8,141	-0,048	0,290
CHR1	4374671	CHR1:4374671	SSF x LoA	-6,136	0,114	0,283
CHR1	4374733	CHR1:4374733	SSF x LoA	8,881	0,122	0,281
CHR1	4374736	CHR1:4374736	SSF x LoA	-10,380	0,041	0,297
CHR1	4374776	CHR1:4374776	SSF x LoA	-8,406	0,059	0,285
CHR1	437896	CHR1:437896	SSF x LoA	-8,780	0,051	0,290
CHR1	4379023	CHR1:4379023	SSF x LoA	-4,683	-0,109	0,283
CHR1	4379025	CHR1:4379025	SSF x LoA	-10,004	0,047	0,286
CHR1	4379282	CHR1:4379282	SSF x LoA	-8,747	0,061	0,282
CHR1	4379286	CHR1:4379286	SSF x LoA	-11,469	0,010	0,296
CHR1	4379324	CHR1:4379324	SSF x LoA	-9,240	-0,053	0,286
CHR1	4379360	CHR1:4379360	SSF x LoA	-10,948	-0,105	0,281
CHR1	4379415	CHR1:4379415	SSF x LoA	-8,203	0,098	0,284
CHR1	4383797	CHR1:4383797	SSF x LoA	-8,581	0,123	0,298
CHR1	4386749	CHR1:4386749	SSF x LoA	-7,199	-0,059	0,281
CHR1	4386952	CHR1:4386952	SSF x LoA	-7,278	-0,017	0,298
CHR1	4386974	CHR1:4386974	SSF x LoA	-7,476	-0,046	0,295
CHR1	4387050	CHR1:4387050	SSF x LoA	-2,465	0,130	0,284
CHR1	4389600	CHR1:4389600	SSF x LoA	-7,162	-0,068	0,278
CHR1	4391292	CHR1:4391292	SSF x LoA	-11,406	-0,085	0,285
CHR1	4391293	CHR1:4391293	SSF x LoA	-9,642	-0,041	0,284
CHR1	4391388	CHR1:4391388	SSF x LoA	-5,848	-0,070	0,295
CHR1	4393369	CHR1:4393369	SSF x LoA	-9,691	-0,006	0,299

CHR1	4393386	CHR1:4393386	SSF x LoA	-9,785	0,014	0,282
CHR1	4393415	CHR1:4393415	SSF x LoA	-8,226	0,021	0,282
CHR1	4393433	CHR1:4393433	SSF x LoA	-8,036	-0,035	0,297
CHR1	4393446	CHR1:4393446	SSF x LoA	-8,900	-0,002	0,288
CHR1	4393462	CHR1:4393462	SSF x LoA	-11,023	-0,046	0,292
CHR1	4393500	CHR1:4393500	SSF x LoA	-9,417	-0,036	0,304
CHR1	4393547	CHR1:4393547	SSF x LoA	-9,017	0,022	0,282
CHR1	4393568	CHR1:4393568	SSF x LoA	-8,427	0,072	0,310
CHR1	4393574	CHR1:4393574	SSF x LoA	-10,100	-0,027	0,277
CHR1	441310	CHR1:441310	SSF x LoA	-10,481	-0,078	0,266
CHR1	441437	CHR1:441437	SSF x LoA	-10,885	-0,023	0,299
CHR1	4430416	CHR1:4430416	SSF x LoA	-7,654	0,089	0,294
CHR1	4430459	CHR1:4430459	SSF x LoA	-6,865	0,169	0,275
CHR1	4430469	CHR1:4430469	SSF x LoA	-9,573	0,064	0,290
CHR1	4434359	CHR1:4434359	SSF x LoA	-6,716	0,051	0,286
CHR1	4434405	CHR1:4434405	SSF x LoA	-8,383	-0,086	0,310
CHR1	4449294	CHR1:4449294	SSF x LoA	-9,687	-0,037	0,289
CHR1	4449350	CHR1:4449350	SSF x LoA	1,309	-0,010	0,297
CHR1	4449353	CHR1:4449353	SSF x LoA	-8,617	-0,028	0,304
CHR1	4449354	CHR1:4449354	SSF x LoA	-8,003	-0,054	0,291
CHR1	4450764	CHR1:4450764	SSF x LoA	-9,991	0,074	0,277
CHR1	4450843	CHR1:4450843	SSF x LoA	-7,364	0,108	0,285
CHR1	4450857	CHR1:4450857	SSF x LoA	-5,867	-0,199	0,272
CHR1	4450915	CHR1:4450915	SSF x LoA	-9,009	0,021	0,292
CHR1	4451719	CHR1:4451719	SSF x LoA	-8,779	-0,039	0,292
CHR1	4451735	CHR1:4451735	SSF x LoA	-8,372	0,007	0,302
CHR1	4451834	CHR1:4451834	SSF x LoA	-8,455	-0,095	0,290
CHR1	4452012	CHR1:4452012	SSF x LoA	-6,560	0,113	0,294
CHR1	4463516	CHR1:4463516	SSF x LoA	-11,755	-0,037	0,284
CHR1	4473462	CHR1:4473462	SSF x LoA	-9,988	-0,099	0,283
CHR1	4474114	CHR1:4474114	SSF x LoA	-7,569	0,008	0,291
CHR1	4484507	CHR1:4484507	SSF x LoA	-8,590	0,110	0,297
CHR1	4484519	CHR1:4484519	SSF x LoA	-9,126	0,000	0,278
CHR1	4484525	CHR1:4484525	SSF x LoA	-9,068	-0,110	0,288
CHR1	4489291	CHR1:4489291	SSF x LoA	-7,783	-0,073	0,281
CHR1	4489293	CHR1:4489293	SSF x LoA	-9,759	0,032	0,282
CHR1	4489360	CHR1:4489360	SSF x LoA	-8,067	0,039	0,296
CHR1	4490819	CHR1:4490819	SSF x LoA	-7,585	0,050	0,294
CHR1	4627706	CHR1:4627706	SSF x LoA	-8,460	0,023	0,293
CHR1	4631224	CHR1:4631224	SSF x LoA	-8,574	0,064	0,289
CHR1	4638749	CHR1:4638749	SSF x LoA	-0,989	0,267	0,276
CHR1	4638771	CHR1:4638771	SSF x LoA	-2,243	0,256	0,276
CHR1	4644544	CHR1:4644544	SSF x LoA	-8,824	-0,047	0,289
CHR1	4670574	CHR1:4670574	SSF x LoA	-9,181	0,061	0,290
CHR1	4684171	CHR1:4684171	SSF x LoA	-9,152	0,109	0,292
CHR1	4684184	CHR1:4684184	SSF x LoA	-8,178	-0,015	0,283
CHR1	4684302	CHR1:4684302	SSF x LoA	-10,017	-0,120	0,288
CHR1	4684483	CHR1:4684483	SSF x LoA	-8,845	-0,141	0,278
CHR1	4684495	CHR1:4684495	SSF x LoA	-7,083	-0,128	0,298
CHR1	4691509	CHR1:4691509	SSF x LoA	-8,082	0,038	0,292
CHR1	4696398	CHR1:4696398	SSF x LoA	-10,770	0,027	0,298
CHR1	4725234	CHR1:4725234	SSF x LoA	-10,269	-0,045	0,285
CHR1	4725336	CHR1:4725336	SSF x LoA	-10,645	0,009	0,296

CHR1	4728708	CHR1:4728708	SSF x LoA	-8,654	-0,026	0,289
CHR1	4731268	CHR1:4731268	SSF x LoA	-8,068	-0,073	0,282
CHR1	4767433	CHR1:4767433	SSF x LoA	-8,021	-0,080	0,307
CHR1	4767457	CHR1:4767457	SSF x LoA	-9,675	-0,092	0,294
CHR1	4769144	CHR1:4769144	SSF x LoA	-10,356	-0,079	0,285
CHR1	4769341	CHR1:4769341	SSF x LoA	-8,592	-0,085	0,289
CHR1	477451	CHR1:477451	SSF x LoA	-7,837	0,134	0,305
CHR1	4792781	CHR1:4792781	SSF x LoA	-9,997	-0,061	0,291
CHR1	4792823	CHR1:4792823	SSF x LoA	-7,241	0,068	0,295
CHR1	4805711	CHR1:4805711	SSF x LoA	-9,468	0,051	0,291
CHR1	4805921	CHR1:4805921	SSF x LoA	-8,691	-0,026	0,302
CHR1	4811033	CHR1:4811033	SSF x LoA	-6,562	0,062	0,296
CHR1	4811435	CHR1:4811435	SSF x LoA	-4,092	0,103	0,301
CHR1	4811441	CHR1:4811441	SSF x LoA	-5,449	0,114	0,291
CHR1	4848781	CHR1:4848781	SSF x LoA	-8,985	-0,062	0,307
CHR1	4923398	CHR1:4923398	SSF x LoA	-5,611	0,117	0,278
CHR1	4923516	CHR1:4923516	SSF x LoA	-7,075	-0,093	0,297
CHR1	4941281	CHR1:4941281	SSF x LoA	-9,217	-0,003	0,279
CHR1	4949694	CHR1:4949694	SSF x LoA	-10,531	0,009	0,294
CHR1	4949697	CHR1:4949697	SSF x LoA	-8,339	-0,110	0,285
CHR1	4959679	CHR1:4959679	SSF x LoA	-8,197	0,092	0,293
CHR1	4959944	CHR1:4959944	SSF x LoA	-7,886	0,056	0,291
CHR1	4960004	CHR1:4960004	SSF x LoA	-8,755	-0,033	0,287
CHR1	4979711	CHR1:4979711	SSF x LoA	-9,449	0,110	0,294
CHR1	4979721	CHR1:4979721	SSF x LoA	-8,047	-0,158	0,279
CHR1	4979737	CHR1:4979737	SSF x LoA	-8,621	-0,166	0,275
CHR1	499362	CHR1:499362	SSF x LoA	-10,522	-0,024	0,291
CHR1	4999923	CHR1:4999923	SSF x LoA	-10,787	-0,030	0,299
CHR1	4999972	CHR1:4999972	SSF x LoA	-10,787	-0,018	0,271
CHR1	5000176	CHR1:5000176	SSF x LoA	-8,747	-0,002	0,297
CHR1	5008308	CHR1:5008308	SSF x LoA	-8,613	-0,093	0,290
CHR1	5008380	CHR1:5008380	SSF x LoA	-7,771	0,115	0,286
CHR1	5008429	CHR1:5008429	SSF x LoA	-10,134	0,069	0,279
CHR1	5018764	CHR1:5018764	SSF x LoA	-10,652	0,062	0,292
CHR1	5018785	CHR1:5018785	SSF x LoA	-8,194	-0,035	0,282
CHR1	5018914	CHR1:5018914	SSF x LoA	-10,248	0,101	0,291
CHR1	5019019	CHR1:5019019	SSF x LoA	-8,171	-0,017	0,287
CHR1	5019029	CHR1:5019029	SSF x LoA	-9,797	-0,037	0,278
CHR1	5022383	CHR1:5022383	SSF x LoA	-7,530	0,119	0,279
CHR1	5022430	CHR1:5022430	SSF x LoA	-8,942	0,102	0,289
CHR1	5022431	CHR1:5022431	SSF x LoA	-7,466	0,065	0,292
CHR1	5022495	CHR1:5022495	SSF x LoA	-8,787	0,110	0,285
CHR1	5022521	CHR1:5022521	SSF x LoA	-4,441	0,235	0,274
CHR1	5022532	CHR1:5022532	SSF x LoA	-10,561	0,025	0,290
CHR1	5022541	CHR1:5022541	SSF x LoA	-8,966	0,119	0,303
CHR1	5022728	CHR1:5022728	SSF x LoA	-9,946	-0,031	0,301
CHR1	5030927	CHR1:5030927	SSF x LoA	-9,187	-0,095	0,296
CHR1	5030987	CHR1:5030987	SSF x LoA	-10,936	-0,012	0,286
CHR1	5031045	CHR1:5031045	SSF x LoA	-8,173	-0,117	0,284
CHR1	5031147	CHR1:5031147	SSF x LoA	-6,833	-0,126	0,283
CHR1	5031210	CHR1:5031210	SSF x LoA	-7,009	-0,059	0,292
CHR1	5035716	CHR1:5035716	SSF x LoA	-7,150	0,004	0,287
CHR1	5035719	CHR1:5035719	SSF x LoA	-10,031	0,091	0,273

CHR1	5035787	CHR1:5035787	SSF x LoA	-7,517	0,100	0,282
CHR1	5035882	CHR1:5035882	SSF x LoA	-7,164	-0,042	0,293
CHR1	5035903	CHR1:5035903	SSF x LoA	-8,074	0,028	0,274
CHR1	5036080	CHR1:5036080	SSF x LoA	-10,564	0,042	0,289
CHR1	5036771	CHR1:5036771	SSF x LoA	-10,689	0,045	0,301
CHR1	5068162	CHR1:5068162	SSF x LoA	-8,900	-0,069	0,281
CHR1	5085366	CHR1:5085366	SSF x LoA	-5,264	-0,164	0,287
CHR1	5088177	CHR1:5088177	SSF x LoA	-10,073	0,012	0,273
CHR1	5088210	CHR1:5088210	SSF x LoA	-7,477	-0,033	0,272
CHR1	5088434	CHR1:5088434	SSF x LoA	-6,855	-0,108	0,299
CHR1	5088452	CHR1:5088452	SSF x LoA	-10,900	-0,080	0,282
CHR1	5088456	CHR1:5088456	SSF x LoA	-6,053	0,133	0,283
CHR1	5088462	CHR1:5088462	SSF x LoA	-6,264	-0,130	0,283
CHR1	5103219	CHR1:5103219	SSF x LoA	-9,980	-0,014	0,288
CHR1	5103476	CHR1:5103476	SSF x LoA	-12,138	-0,044	0,279
CHR1	5103531	CHR1:5103531	SSF x LoA	-8,315	-0,145	0,279
CHR1	5103689	CHR1:5103689	SSF x LoA	-7,078	-0,062	0,295
CHR1	5107795	CHR1:5107795	SSF x LoA	-8,982	0,089	0,292
CHR1	5107810	CHR1:5107810	SSF x LoA	-5,018	0,195	0,276
CHR1	5107867	CHR1:5107867	SSF x LoA	-9,552	-0,050	0,275
CHR1	5130482	CHR1:5130482	SSF x LoA	-11,275	-0,029	0,283
CHR1	5130568	CHR1:5130568	SSF x LoA	-7,537	-0,036	0,292
CHR1	5130741	CHR1:5130741	SSF x LoA	-8,454	-0,038	0,305
CHR1	5134291	CHR1:5134291	SSF x LoA	-10,632	-0,076	0,272
CHR1	5134392	CHR1:5134392	SSF x LoA	-9,194	-0,005	0,294
CHR1	5135259	CHR1:5135259	SSF x LoA	-10,159	-0,001	0,281
CHR1	5135263	CHR1:5135263	SSF x LoA	-4,235	-0,052	0,286
CHR1	5135266	CHR1:5135266	SSF x LoA	-6,957	-0,038	0,283
CHR1	5138743	CHR1:5138743	SSF x LoA	-7,230	0,030	0,291
CHR1	5138818	CHR1:5138818	SSF x LoA	-8,442	-0,022	0,276
CHR1	5138886	CHR1:5138886	SSF x LoA	-9,476	-0,083	0,280
CHR1	5145240	CHR1:5145240	SSF x LoA	-8,616	0,067	0,288
CHR1	5153430	CHR1:5153430	SSF x LoA	-4,642	-0,073	0,302
CHR1	5153555	CHR1:5153555	SSF x LoA	-11,075	0,026	0,297
CHR1	5153574	CHR1:5153574	SSF x LoA	-9,657	0,073	0,293
CHR1	5191726	CHR1:5191726	SSF x LoA	-6,318	-0,170	0,284
CHR1	5191763	CHR1:5191763	SSF x LoA	-2,792	-0,013	0,303
CHR1	5212699	CHR1:5212699	SSF x LoA	-9,777	0,102	0,293
CHR1	5212840	CHR1:5212840	SSF x LoA	-8,995	-0,026	0,306
CHR1	5212971	CHR1:5212971	SSF x LoA	-7,461	-0,156	0,289
CHR1	5224481	CHR1:5224481	SSF x LoA	-9,892	0,043	0,278
CHR1	5224743	CHR1:5224743	SSF x LoA	-8,718	-0,120	0,283
CHR1	5229878	CHR1:5229878	SSF x LoA	-10,423	0,062	0,293
CHR1	5230020	CHR1:5230020	SSF x LoA	-8,930	0,199	0,286
CHR1	5231540	CHR1:5231540	SSF x LoA	-9,080	-0,125	0,284
CHR1	5231603	CHR1:5231603	SSF x LoA	-10,279	-0,079	0,276
CHR1	5231717	CHR1:5231717	SSF x LoA	-8,084	0,001	0,293
CHR1	5237801	CHR1:5237801	SSF x LoA	-4,410	0,230	0,288
CHR1	5243133	CHR1:5243133	SSF x LoA	-10,033	0,024	0,288
CHR1	5243197	CHR1:5243197	SSF x LoA	-9,773	-0,017	0,298
CHR1	5243570	CHR1:5243570	SSF x LoA	-6,469	-0,153	0,282
CHR1	5243617	CHR1:5243617	SSF x LoA	-9,113	-0,108	0,276
CHR1	525795	CHR1:525795	SSF x LoA	-4,703	-0,144	0,278

CHR1	5266514	CHR1:5266514	SSF x LoA	-9,318	-0,007	0,293
CHR1	5266557	CHR1:5266557	SSF x LoA	-7,747	0,038	0,286
CHR1	5266605	CHR1:5266605	SSF x LoA	-9,851	-0,058	0,277
CHR1	5266606	CHR1:5266606	SSF x LoA	-8,311	-0,072	0,284
CHR1	5266720	CHR1:5266720	SSF x LoA	-9,487	-0,072	0,291
CHR1	5266789	CHR1:5266789	SSF x LoA	-8,112	-0,026	0,286
CHR1	5266807	CHR1:5266807	SSF x LoA	-8,807	0,100	0,287
CHR1	5272463	CHR1:5272463	SSF x LoA	-6,712	-0,093	0,296
CHR1	5272532	CHR1:5272532	SSF x LoA	-10,054	0,059	0,296
CHR1	5272552	CHR1:5272552	SSF x LoA	-11,257	0,055	0,277
CHR1	5297780	CHR1:5297780	SSF x LoA	-2,659	-0,149	0,287
CHR1	5298108	CHR1:5298108	SSF x LoA	-8,562	-0,041	0,289
CHR1	5302101	CHR1:5302101	SSF x LoA	-10,644	-0,064	0,290
CHR1	5302128	CHR1:5302128	SSF x LoA	-6,558	0,093	0,279
CHR1	5302340	CHR1:5302340	SSF x LoA	-10,197	0,096	0,290
CHR1	5302365	CHR1:5302365	SSF x LoA	-8,225	-0,147	0,286
CHR1	5304161	CHR1:5304161	SSF x LoA	-5,184	0,167	0,287
CHR1	5304442	CHR1:5304442	SSF x LoA	-4,938	0,139	0,286
CHR1	5311273	CHR1:5311273	SSF x LoA	-10,707	-0,044	0,283
CHR1	5311482	CHR1:5311482	SSF x LoA	-10,326	0,087	0,280
CHR1	5322061	CHR1:5322061	SSF x LoA	-7,986	-0,045	0,292
CHR1	5322299	CHR1:5322299	SSF x LoA	-4,884	-0,216	0,258
CHR1	5323553	CHR1:5323553	SSF x LoA	-9,759	-0,071	0,278
CHR1	5324416	CHR1:5324416	SSF x LoA	-9,589	-0,055	0,288
CHR1	5324632	CHR1:5324632	SSF x LoA	-6,492	-0,030	0,289
CHR1	5324650	CHR1:5324650	SSF x LoA	-6,337	-0,020	0,277
CHR1	5329549	CHR1:5329549	SSF x LoA	-8,400	-0,037	0,279
CHR1	5332244	CHR1:5332244	SSF x LoA	-9,939	-0,060	0,291
CHR1	5335596	CHR1:5335596	SSF x LoA	-9,511	-0,075	0,283
CHR1	5336223	CHR1:5336223	SSF x LoA	-10,119	0,042	0,283
CHR1	5349407	CHR1:5349407	SSF x LoA	-8,130	-0,097	0,283
CHR1	5363562	CHR1:5363562	SSF x LoA	-8,892	-0,038	0,298
CHR1	5363577	CHR1:5363577	SSF x LoA	-7,359	0,130	0,282
CHR1	5363580	CHR1:5363580	SSF x LoA	-8,118	0,125	0,271
CHR1	5376030	CHR1:5376030	SSF x LoA	-6,129	0,145	0,280
CHR1	5376083	CHR1:5376083	SSF x LoA	-8,997	0,077	0,269
CHR1	5376213	CHR1:5376213	SSF x LoA	-10,898	0,008	0,285
CHR1	5378351	CHR1:5378351	SSF x LoA	-4,174	-0,136	0,289
CHR1	5390413	CHR1:5390413	SSF x LoA	-8,724	-0,102	0,292
CHR1	5410107	CHR1:5410107	SSF x LoA	-9,342	-0,023	0,283
CHR1	5412866	CHR1:5412866	SSF x LoA	-7,190	-0,024	0,293
CHR1	5418112	CHR1:5418112	SSF x LoA	-9,365	-0,005	0,287
CHR1	5424977	CHR1:5424977	SSF x LoA	-9,754	0,025	0,291
CHR1	5433899	CHR1:5433899	SSF x LoA	-10,327	-0,014	0,300
CHR1	5437034	CHR1:5437034	SSF x LoA	-9,009	-0,060	0,288
CHR1	5437050	CHR1:5437050	SSF x LoA	-7,821	-0,037	0,293
CHR1	5437084	CHR1:5437084	SSF x LoA	-8,517	0,209	0,300
CHR1	5437104	CHR1:5437104	SSF x LoA	-10,185	0,057	0,279
CHR1	5437106	CHR1:5437106	SSF x LoA	-11,280	0,004	0,289
CHR1	5441824	CHR1:5441824	SSF x LoA	-8,516	-0,055	0,286
CHR1	5441867	CHR1:5441867	SSF x LoA	-10,519	-0,076	0,282
CHR1	5443288	CHR1:5443288	SSF x LoA	-11,242	0,013	0,293
CHR1	5443399	CHR1:5443399	SSF x LoA	-7,001	-0,070	0,281

CHR1	5443451	CHR1:5443451	SSF x LoA	-8,798	0,059	0,301
CHR1	5448773	CHR1:5448773	SSF x LoA	-10,072	0,021	0,300
CHR1	5448809	CHR1:5448809	SSF x LoA	-9,737	0,026	0,283
CHR1	5501940	CHR1:5501940	SSF x LoA	-8,698	0,048	0,299
CHR1	5502154	CHR1:5502154	SSF x LoA	-8,353	0,003	0,272
CHR1	5510135	CHR1:5510135	SSF x LoA	-7,624	0,081	0,283
CHR1	5550466	CHR1:5550466	SSF x LoA	2,126	-0,119	0,284
CHR1	5550564	CHR1:5550564	SSF x LoA	-7,640	0,036	0,289
CHR1	5560944	CHR1:5560944	SSF x LoA	-9,300	-0,066	0,291
CHR1	5560987	CHR1:5560987	SSF x LoA	-10,925	0,000	0,304
CHR1	5561005	CHR1:5561005	SSF x LoA	-10,206	-0,030	0,299
CHR1	5561109	CHR1:5561109	SSF x LoA	-7,779	-0,036	0,299
CHR1	5561138	CHR1:5561138	SSF x LoA	-8,297	-0,031	0,297
CHR1	5568296	CHR1:5568296	SSF x LoA	-11,043	-0,025	0,286
CHR1	5568465	CHR1:5568465	SSF x LoA	-1,832	0,031	0,288
CHR1	5579909	CHR1:5579909	SSF x LoA	-7,464	-0,161	0,282
CHR1	5579969	CHR1:5579969	SSF x LoA	-7,096	-0,150	0,295
CHR1	5580005	CHR1:5580005	SSF x LoA	-9,702	-0,084	0,285
CHR1	5584524	CHR1:5584524	SSF x LoA	-6,322	-0,083	0,293
CHR1	5584534	CHR1:5584534	SSF x LoA	-8,476	-0,011	0,292
CHR1	563544	CHR1:563544	SSF x LoA	-10,256	-0,020	0,270
CHR1	5717517	CHR1:5717517	SSF x LoA	-1,981	-0,110	0,282
CHR1	5717605	CHR1:5717605	SSF x LoA	-9,701	-0,064	0,279
CHR1	5717674	CHR1:5717674	SSF x LoA	-7,909	0,092	0,293
CHR1	5717706	CHR1:5717706	SSF x LoA	-7,206	0,052	0,290
CHR1	5717709	CHR1:5717709	SSF x LoA	-8,959	0,035	0,290
CHR1	5717725	CHR1:5717725	SSF x LoA	-8,630	0,034	0,300
CHR1	5717733	CHR1:5717733	SSF x LoA	-7,008	-0,097	0,290
CHR1	5726089	CHR1:5726089	SSF x LoA	-7,253	-0,033	0,304
CHR1	5726313	CHR1:5726313	SSF x LoA	-9,232	-0,099	0,282
CHR1	5733428	CHR1:5733428	SSF x LoA	-10,822	0,104	0,290
CHR1	5733494	CHR1:5733494	SSF x LoA	-9,690	0,104	0,314
CHR1	5744636	CHR1:5744636	SSF x LoA	-4,245	0,096	0,290
CHR1	5744714	CHR1:5744714	SSF x LoA	-7,230	0,115	0,277
CHR1	5744845	CHR1:5744845	SSF x LoA	-10,135	-0,033	0,291
CHR1	5747879	CHR1:5747879	SSF x LoA	-11,578	-0,099	0,290
CHR1	5747898	CHR1:5747898	SSF x LoA	5,007	0,111	0,274
CHR1	5747952	CHR1:5747952	SSF x LoA	-10,382	-0,082	0,297
CHR1	5747975	CHR1:5747975	SSF x LoA	-10,135	-0,084	0,282
CHR1	5748019	CHR1:5748019	SSF x LoA	-8,872	-0,116	0,296
CHR1	5750973	CHR1:5750973	SSF x LoA	-9,691	-0,081	0,279
CHR1	5751173	CHR1:5751173	SSF x LoA	-9,335	0,079	0,270
CHR1	5768339	CHR1:5768339	SSF x LoA	-5,084	-0,078	0,286
CHR1	5768343	CHR1:5768343	SSF x LoA	-8,464	0,058	0,288
CHR1	5768409	CHR1:5768409	SSF x LoA	-9,200	-0,003	0,292
CHR1	5784448	CHR1:5784448	SSF x LoA	-10,389	0,012	0,296
CHR1	5784467	CHR1:5784467	SSF x LoA	-10,612	0,029	0,298
CHR1	5784727	CHR1:5784727	SSF x LoA	-8,387	-0,061	0,278
CHR1	5820096	CHR1:5820096	SSF x LoA	-10,784	-0,035	0,292
CHR1	5821389	CHR1:5821389	SSF x LoA	-6,004	0,071	0,285
CHR1	5837993	CHR1:5837993	SSF x LoA	-8,393	0,002	0,288
CHR1	5916605	CHR1:5916605	SSF x LoA	-8,698	0,038	0,306
CHR1	5921864	CHR1:5921864	SSF x LoA	-10,287	-0,017	0,288

CHR1	594624	CHR1:594624	SSF x LoA	-7,807	-0,084	0,291
CHR1	594636	CHR1:594636	SSF x LoA	-9,078	0,090	0,294
CHR1	594684	CHR1:594684	SSF x LoA	-9,123	-0,093	0,280
CHR1	5954447	CHR1:5954447	SSF x LoA	-8,298	0,043	0,284
CHR1	5954479	CHR1:5954479	SSF x LoA	-8,184	0,047	0,295
CHR1	5954525	CHR1:5954525	SSF x LoA	-9,465	0,009	0,268
CHR1	5954682	CHR1:5954682	SSF x LoA	-7,635	0,004	0,294
CHR1	5975473	CHR1:5975473	SSF x LoA	-9,074	0,137	0,283
CHR1	5975477	CHR1:5975477	SSF x LoA	-9,087	-0,024	0,278
CHR1	6006122	CHR1:6006122	SSF x LoA	-4,972	0,043	0,305
CHR1	6006233	CHR1:6006233	SSF x LoA	-8,328	-0,179	0,279
CHR1	6029640	CHR1:6029640	SSF x LoA	-10,015	-0,095	0,288
CHR1	6029643	CHR1:6029643	SSF x LoA	-8,706	0,025	0,289
CHR1	6029790	CHR1:6029790	SSF x LoA	-8,388	0,010	0,306
CHR1	6029902	CHR1:6029902	SSF x LoA	5,725	-0,206	0,278
CHR1	6030035	CHR1:6030035	SSF x LoA	-10,939	-0,040	0,284
CHR1	6030054	CHR1:6030054	SSF x LoA	-9,856	-0,035	0,285
CHR1	6056907	CHR1:6056907	SSF x LoA	-9,297	0,049	0,288
CHR1	6056908	CHR1:6056908	SSF x LoA	-10,144	0,011	0,295
CHR1	6057037	CHR1:6057037	SSF x LoA	-9,700	-0,085	0,276
CHR1	6071577	CHR1:6071577	SSF x LoA	-10,450	0,014	0,303
CHR1	6071807	CHR1:6071807	SSF x LoA	-9,789	0,119	0,294
CHR1	6071904	CHR1:6071904	SSF x LoA	-10,922	0,022	0,284
CHR1	6075146	CHR1:6075146	SSF x LoA	-8,032	0,059	0,281
CHR1	6075207	CHR1:6075207	SSF x LoA	-5,431	-0,090	0,297
CHR1	6075378	CHR1:6075378	SSF x LoA	-9,668	-0,022	0,296
CHR1	6075458	CHR1:6075458	SSF x LoA	-8,830	-0,032	0,301
CHR1	6079532	CHR1:6079532	SSF x LoA	-8,288	-0,029	0,285
CHR1	6081034	CHR1:6081034	SSF x LoA	-6,508	-0,082	0,298
CHR1	6081145	CHR1:6081145	SSF x LoA	-8,356	0,172	0,278
CHR1	6090438	CHR1:6090438	SSF x LoA	-9,198	-0,016	0,294
CHR1	6090503	CHR1:6090503	SSF x LoA	-7,573	0,041	0,301
CHR1	6090683	CHR1:6090683	SSF x LoA	-11,097	0,002	0,280
CHR1	6090719	CHR1:6090719	SSF x LoA	-10,708	0,010	0,283
CHR1	6090781	CHR1:6090781	SSF x LoA	-9,528	0,057	0,282
CHR1	6090864	CHR1:6090864	SSF x LoA	-7,377	-0,125	0,279
CHR1	6090887	CHR1:6090887	SSF x LoA	-8,330	0,030	0,293
CHR1	6118334	CHR1:6118334	SSF x LoA	-11,208	-0,029	0,301
CHR1	6118639	CHR1:6118639	SSF x LoA	-7,317	0,186	0,298
CHR1	6148021	CHR1:6148021	SSF x LoA	-7,571	-0,083	0,300
CHR1	6148142	CHR1:6148142	SSF x LoA	-8,565	0,010	0,285
CHR1	6148278	CHR1:6148278	SSF x LoA	-10,399	-0,028	0,291
CHR1	6164491	CHR1:6164491	SSF x LoA	-8,185	0,105	0,304
CHR1	6166650	CHR1:6166650	SSF x LoA	-8,941	-0,156	0,286
CHR1	6166652	CHR1:6166652	SSF x LoA	-4,869	0,113	0,254
CHR1	6166711	CHR1:6166711	SSF x LoA	-11,172	-0,011	0,296
CHR1	6166721	CHR1:6166721	SSF x LoA	-11,130	0,008	0,308
CHR1	6180319	CHR1:6180319	SSF x LoA	-11,890	0,033	0,286
CHR1	6180608	CHR1:6180608	SSF x LoA	-6,384	0,097	0,294
CHR1	6186647	CHR1:6186647	SSF x LoA	-9,859	-0,075	0,287
CHR1	6186719	CHR1:6186719	SSF x LoA	-10,615	-0,112	0,295
CHR1	6201941	CHR1:6201941	SSF x LoA	-7,994	-0,081	0,289
CHR1	6201957	CHR1:6201957	SSF x LoA	-5,250	-0,149	0,278

CHR1	6201992	CHR1:6201992	SSF x LoA	-6,074	-0,096	0,275
CHR1	6201998	CHR1:6201998	SSF x LoA	-6,662	-0,131	0,275
CHR1	6202131	CHR1:6202131	SSF x LoA	-8,560	-0,063	0,288
CHR1	6203532	CHR1:6203532	SSF x LoA	-8,598	0,071	0,285
CHR1	6203620	CHR1:6203620	SSF x LoA	-8,231	0,059	0,285
CHR1	6206904	CHR1:6206904	SSF x LoA	-8,507	0,062	0,276
CHR1	6206972	CHR1:6206972	SSF x LoA	-5,718	-0,161	0,265
CHR1	6216893	CHR1:6216893	SSF x LoA	-10,825	-0,041	0,293
CHR1	6217015	CHR1:6217015	SSF x LoA	-8,015	-0,072	0,300
CHR1	6217225	CHR1:6217225	SSF x LoA	-7,864	0,092	0,292
CHR1	6217257	CHR1:6217257	SSF x LoA	-8,189	0,029	0,288
CHR1	6217265	CHR1:6217265	SSF x LoA	-9,409	0,055	0,283
CHR1	6217321	CHR1:6217321	SSF x LoA	-11,749	0,037	0,274
CHR1	6221737	CHR1:6221737	SSF x LoA	-5,669	-0,161	0,284
CHR1	6221901	CHR1:6221901	SSF x LoA	-6,036	0,107	0,291
CHR1	6221902	CHR1:6221902	SSF x LoA	-3,810	-0,185	0,277
CHR1	6222067	CHR1:6222067	SSF x LoA	-6,949	-0,062	0,270
CHR1	6225124	CHR1:6225124	SSF x LoA	-6,662	-0,023	0,301
CHR1	6225319	CHR1:6225319	SSF x LoA	-10,138	0,015	0,300
CHR1	6225429	CHR1:6225429	SSF x LoA	-7,525	-0,080	0,273
CHR1	6232607	CHR1:6232607	SSF x LoA	-9,312	0,063	0,296
CHR1	6232715	CHR1:6232715	SSF x LoA	-8,508	-0,063	0,292
CHR1	6232761	CHR1:6232761	SSF x LoA	-8,396	-0,110	0,303
CHR1	6232766	CHR1:6232766	SSF x LoA	-8,389	-0,091	0,296
CHR1	6232803	CHR1:6232803	SSF x LoA	-8,135	0,061	0,291
CHR1	6258917	CHR1:6258917	SSF x LoA	-9,195	-0,104	0,299
CHR1	6258970	CHR1:6258970	SSF x LoA	-8,950	0,124	0,303
CHR1	6278952	CHR1:6278952	SSF x LoA	-10,513	-0,005	0,278
CHR1	6279004	CHR1:6279004	SSF x LoA	-9,343	0,088	0,282
CHR1	6293029	CHR1:6293029	SSF x LoA	-3,559	0,093	0,292
CHR1	6293047	CHR1:6293047	SSF x LoA	-5,203	-0,089	0,287
CHR1	6294958	CHR1:6294958	SSF x LoA	-11,392	0,024	0,288
CHR1	6308916	CHR1:6308916	SSF x LoA	-10,433	-0,018	0,299
CHR1	6309154	CHR1:6309154	SSF x LoA	-8,345	-0,046	0,302
CHR1	6309263	CHR1:6309263	SSF x LoA	-9,261	-0,135	0,298
CHR1	6309299	CHR1:6309299	SSF x LoA	-7,619	0,013	0,290
CHR1	6309300	CHR1:6309300	SSF x LoA	-8,235	0,022	0,307
CHR1	6309307	CHR1:6309307	SSF x LoA	-5,445	0,218	0,281
CHR1	6309342	CHR1:6309342	SSF x LoA	-5,096	0,008	0,307
CHR1	6314947	CHR1:6314947	SSF x LoA	-10,501	-0,091	0,291
CHR1	6315069	CHR1:6315069	SSF x LoA	-7,870	0,116	0,301
CHR1	6315148	CHR1:6315148	SSF x LoA	-7,233	0,149	0,276
CHR1	6315304	CHR1:6315304	SSF x LoA	-10,640	-0,020	0,286
CHR1	6315336	CHR1:6315336	SSF x LoA	-2,316	0,250	0,283
CHR1	6315350	CHR1:6315350	SSF x LoA	-3,948	0,121	0,275
CHR1	6315367	CHR1:6315367	SSF x LoA	-11,384	-0,077	0,295
CHR1	6328769	CHR1:6328769	SSF x LoA	-7,061	-0,124	0,270
CHR1	6328967	CHR1:6328967	SSF x LoA	-10,949	0,066	0,291
CHR1	6328984	CHR1:6328984	SSF x LoA	-8,082	0,069	0,297
CHR1	6329063	CHR1:6329063	SSF x LoA	-11,057	0,046	0,279
CHR1	6337203	CHR1:6337203	SSF x LoA	-6,581	0,108	0,274
CHR1	6337315	CHR1:6337315	SSF x LoA	-1,911	0,108	0,298
CHR1	6337331	CHR1:6337331	SSF x LoA	-9,762	0,062	0,280

CHR1	6345215	CHR1:6345215	SSF x LoA	-7,146	0,024	0,280
CHR1	6345262	CHR1:6345262	SSF x LoA	1,923	-0,218	0,271
CHR1	6345292	CHR1:6345292	SSF x LoA	-7,898	0,106	0,292
CHR1	6345403	CHR1:6345403	SSF x LoA	-8,388	0,076	0,288
CHR1	6345580	CHR1:6345580	SSF x LoA	-4,157	-0,128	0,302
CHR1	6345581	CHR1:6345581	SSF x LoA	-5,621	-0,132	0,290
CHR1	6345600	CHR1:6345600	SSF x LoA	-9,714	0,076	0,295
CHR1	6355971	CHR1:6355971	SSF x LoA	-8,344	0,126	0,308
CHR1	6356068	CHR1:6356068	SSF x LoA	-8,867	0,023	0,280
CHR1	6356105	CHR1:6356105	SSF x LoA	-8,933	-0,074	0,297
CHR1	6356144	CHR1:6356144	SSF x LoA	-5,264	-0,158	0,284
CHR1	6356156	CHR1:6356156	SSF x LoA	-9,464	-0,153	0,270
CHR1	6356161	CHR1:6356161	SSF x LoA	-9,291	0,002	0,286
CHR1	6356176	CHR1:6356176	SSF x LoA	-11,080	0,035	0,284
CHR1	6356246	CHR1:6356246	SSF x LoA	-7,236	0,132	0,292
CHR1	6360933	CHR1:6360933	SSF x LoA	-3,755	0,171	0,275
CHR1	6361044	CHR1:6361044	SSF x LoA	-5,997	0,203	0,264
CHR1	6361050	CHR1:6361050	SSF x LoA	-10,126	-0,062	0,279
CHR1	6361065	CHR1:6361065	SSF x LoA	-9,101	-0,096	0,268
CHR1	6361277	CHR1:6361277	SSF x LoA	-8,599	-0,004	0,284
CHR1	6361306	CHR1:6361306	SSF x LoA	-8,188	0,001	0,283
CHR1	6364833	CHR1:6364833	SSF x LoA	-7,851	0,179	0,274
CHR1	6364956	CHR1:6364956	SSF x LoA	-9,812	0,114	0,273
CHR1	6364959	CHR1:6364959	SSF x LoA	-8,603	0,150	0,277
CHR1	6365166	CHR1:6365166	SSF x LoA	-11,056	-0,053	0,276
CHR1	6374533	CHR1:6374533	SSF x LoA	-6,266	-0,119	0,294
CHR1	6374640	CHR1:6374640	SSF x LoA	-8,851	0,036	0,303
CHR1	6378104	CHR1:6378104	SSF x LoA	-8,789	-0,085	0,278
CHR1	6378363	CHR1:6378363	SSF x LoA	-10,878	0,027	0,286
CHR1	6390727	CHR1:6390727	SSF x LoA	-9,876	0,011	0,297
CHR1	6391057	CHR1:6391057	SSF x LoA	-10,186	0,006	0,294
CHR1	6408714	CHR1:6408714	SSF x LoA	-8,265	-0,161	0,267
CHR1	6409010	CHR1:6409010	SSF x LoA	-9,115	0,055	0,291
CHR1	6424025	CHR1:6424025	SSF x LoA	-7,172	0,046	0,275
CHR1	6424969	CHR1:6424969	SSF x LoA	-9,153	-0,045	0,282
CHR1	6429088	CHR1:6429088	SSF x LoA	-9,617	0,050	0,288
CHR1	6429169	CHR1:6429169	SSF x LoA	-3,816	-0,070	0,280
CHR1	6429307	CHR1:6429307	SSF x LoA	-6,807	-0,086	0,298
CHR1	6429328	CHR1:6429328	SSF x LoA	-8,632	0,013	0,297
CHR1	6429384	CHR1:6429384	SSF x LoA	-9,064	-0,071	0,299
CHR1	6439558	CHR1:6439558	SSF x LoA	-9,581	0,013	0,287
CHR1	6527217	CHR1:6527217	SSF x LoA	-8,558	0,018	0,293
CHR1	6539022	CHR1:6539022	SSF x LoA	-6,680	0,123	0,292
CHR1	6539042	CHR1:6539042	SSF x LoA	-9,372	0,015	0,296
CHR1	6539058	CHR1:6539058	SSF x LoA	-8,289	0,142	0,281
CHR1	6539168	CHR1:6539168	SSF x LoA	-7,439	0,049	0,292
CHR1	6539177	CHR1:6539177	SSF x LoA	-10,531	0,011	0,291
CHR1	6539198	CHR1:6539198	SSF x LoA	-9,280	-0,020	0,288
CHR1	6539208	CHR1:6539208	SSF x LoA	-9,697	0,122	0,268
CHR1	6539224	CHR1:6539224	SSF x LoA	-9,220	-0,067	0,293
CHR1	6541129	CHR1:6541129	SSF x LoA	-9,043	-0,077	0,279
CHR1	6555678	CHR1:6555678	SSF x LoA	-7,633	-0,007	0,280
CHR1	6559198	CHR1:6559198	SSF x LoA	-9,181	0,146	0,283

CHR1	6559203	CHR1:6559203	SSF x LoA	-8,352	0,062	0,286
CHR1	6559206	CHR1:6559206	SSF x LoA	-10,576	-0,086	0,291
CHR1	6570402	CHR1:6570402	SSF x LoA	-5,941	0,031	0,274
CHR1	6570412	CHR1:6570412	SSF x LoA	-6,668	-0,056	0,284
CHR1	6570429	CHR1:6570429	SSF x LoA	-7,185	0,045	0,295
CHR1	6570435	CHR1:6570435	SSF x LoA	-7,982	0,002	0,296
CHR1	6570480	CHR1:6570480	SSF x LoA	-7,758	0,026	0,303
CHR1	6570482	CHR1:6570482	SSF x LoA	-7,578	0,163	0,304
CHR1	6570486	CHR1:6570486	SSF x LoA	-8,377	0,197	0,290
CHR1	6570509	CHR1:6570509	SSF x LoA	-8,708	-0,013	0,281
CHR1	6570550	CHR1:6570550	SSF x LoA	-9,784	0,128	0,298
CHR1	6570552	CHR1:6570552	SSF x LoA	-4,505	-0,186	0,291
CHR1	6570587	CHR1:6570587	SSF x LoA	-8,254	-0,063	0,287
CHR1	6570617	CHR1:6570617	SSF x LoA	-4,483	-0,082	0,304
CHR1	6570686	CHR1:6570686	SSF x LoA	-9,612	-0,122	0,287
CHR1	6570694	CHR1:6570694	SSF x LoA	-9,665	0,106	0,291
CHR1	6575186	CHR1:6575186	SSF x LoA	-10,469	0,010	0,287
CHR1	6575229	CHR1:6575229	SSF x LoA	-8,599	-0,020	0,305
CHR1	6575231	CHR1:6575231	SSF x LoA	-8,904	-0,041	0,290
CHR1	6575374	CHR1:6575374	SSF x LoA	-10,691	0,019	0,287
CHR1	6575409	CHR1:6575409	SSF x LoA	-6,635	-0,063	0,287
CHR1	6575504	CHR1:6575504	SSF x LoA	-9,448	0,019	0,277
CHR1	6583457	CHR1:6583457	SSF x LoA	-10,763	0,018	0,291
CHR1	6583720	CHR1:6583720	SSF x LoA	-10,080	0,081	0,284
CHR1	6583746	CHR1:6583746	SSF x LoA	-6,956	-0,121	0,285
CHR1	6589499	CHR1:6589499	SSF x LoA	-10,322	0,009	0,288
CHR1	6589659	CHR1:6589659	SSF x LoA	-8,420	-0,075	0,270
CHR1	6590838	CHR1:6590838	SSF x LoA	-11,047	0,051	0,285
CHR1	6590908	CHR1:6590908	SSF x LoA	-8,703	0,164	0,274
CHR1	6601625	CHR1:6601625	SSF x LoA	-8,302	-0,013	0,299
CHR1	6601639	CHR1:6601639	SSF x LoA	-9,684	-0,075	0,275
CHR1	6601685	CHR1:6601685	SSF x LoA	-7,123	0,002	0,314
CHR1	6601694	CHR1:6601694	SSF x LoA	-8,039	0,041	0,303
CHR1	6601702	CHR1:6601702	SSF x LoA	-8,208	-0,063	0,284
CHR1	6601706	CHR1:6601706	SSF x LoA	-7,470	0,114	0,285
CHR1	6601716	CHR1:6601716	SSF x LoA	-9,795	0,032	0,286
CHR1	6601727	CHR1:6601727	SSF x LoA	-7,971	0,146	0,283
CHR1	6601741	CHR1:6601741	SSF x LoA	-7,884	-0,099	0,292
CHR1	6601749	CHR1:6601749	SSF x LoA	-7,572	0,145	0,303
CHR1	6601757	CHR1:6601757	SSF x LoA	-8,392	-0,037	0,287
CHR1	6601778	CHR1:6601778	SSF x LoA	-8,928	0,075	0,284
CHR1	6601813	CHR1:6601813	SSF x LoA	-7,249	0,041	0,302
CHR1	6601849	CHR1:6601849	SSF x LoA	-6,407	-0,103	0,292
CHR1	6601882	CHR1:6601882	SSF x LoA	-8,093	0,015	0,298
CHR1	6612844	CHR1:6612844	SSF x LoA	-9,431	-0,013	0,275
CHR1	6612863	CHR1:6612863	SSF x LoA	-10,674	-0,037	0,283
CHR1	6612987	CHR1:6612987	SSF x LoA	-9,808	-0,101	0,285
CHR1	6613096	CHR1:6613096	SSF x LoA	-9,270	0,107	0,276
CHR1	6623791	CHR1:6623791	SSF x LoA	-8,312	-0,127	0,288
CHR1	6699869	CHR1:6699869	SSF x LoA	-8,825	0,083	0,291
CHR1	6699980	CHR1:6699980	SSF x LoA	-8,056	-0,055	0,302
CHR1	6739833	CHR1:6739833	SSF x LoA	-7,926	0,112	0,295
CHR1	6739852	CHR1:6739852	SSF x LoA	-7,397	-0,019	0,316

CHR1	6739936	CHR1:6739936	SSF x LoA	-10,741	0,000	0,293
CHR1	6758418	CHR1:6758418	SSF x LoA	-8,783	-0,011	0,284
CHR1	6758439	CHR1:6758439	SSF x LoA	-9,249	-0,023	0,298
CHR1	6758566	CHR1:6758566	SSF x LoA	-9,461	-0,002	0,293
CHR1	6758594	CHR1:6758594	SSF x LoA	-9,754	-0,029	0,298
CHR1	6758609	CHR1:6758609	SSF x LoA	-8,050	-0,097	0,298
CHR1	6765818	CHR1:6765818	SSF x LoA	-9,664	-0,006	0,301
CHR1	6765828	CHR1:6765828	SSF x LoA	-10,362	0,069	0,286
CHR1	6777177	CHR1:6777177	SSF x LoA	-7,713	-0,021	0,303
CHR1	6777183	CHR1:6777183	SSF x LoA	-9,317	-0,108	0,277
CHR1	6777248	CHR1:6777248	SSF x LoA	-11,094	-0,038	0,288
CHR1	6790341	CHR1:6790341	SSF x LoA	-9,384	-0,010	0,291
CHR1	6791728	CHR1:6791728	SSF x LoA	-8,600	0,038	0,288
CHR1	6813620	CHR1:6813620	SSF x LoA	-1,404	0,190	0,278
CHR1	6813804	CHR1:6813804	SSF x LoA	-9,486	0,024	0,285
CHR1	6823521	CHR1:6823521	SSF x LoA	-9,023	-0,105	0,284
CHR1	6823644	CHR1:6823644	SSF x LoA	-10,863	-0,004	0,276
CHR1	6827047	CHR1:6827047	SSF x LoA	-8,926	-0,042	0,294
CHR1	6827057	CHR1:6827057	SSF x LoA	-5,717	0,164	0,276
CHR1	6840508	CHR1:6840508	SSF x LoA	-7,946	-0,016	0,286
CHR1	6840510	CHR1:6840510	SSF x LoA	-7,863	-0,012	0,305
CHR1	6840543	CHR1:6840543	SSF x LoA	-9,367	0,009	0,279
CHR1	6840562	CHR1:6840562	SSF x LoA	-9,318	-0,001	0,277
CHR1	6840707	CHR1:6840707	SSF x LoA	-8,516	-0,054	0,285
CHR1	6840711	CHR1:6840711	SSF x LoA	-8,279	-0,020	0,299
CHR1	6840750	CHR1:6840750	SSF x LoA	-9,107	0,134	0,285
CHR1	6840903	CHR1:6840903	SSF x LoA	-10,559	-0,151	0,276
CHR1	6852657	CHR1:6852657	SSF x LoA	-9,837	0,114	0,288
CHR1	6852732	CHR1:6852732	SSF x LoA	-10,282	-0,076	0,269
CHR1	6854801	CHR1:6854801	SSF x LoA	-9,670	-0,002	0,296
CHR1	6854816	CHR1:6854816	SSF x LoA	-8,125	-0,065	0,290
CHR1	6854849	CHR1:6854849	SSF x LoA	-7,620	-0,020	0,289
CHR1	6854872	CHR1:6854872	SSF x LoA	-2,502	0,047	0,289
CHR1	6854897	CHR1:6854897	SSF x LoA	-8,339	0,033	0,295
CHR1	6854900	CHR1:6854900	SSF x LoA	-6,723	0,057	0,306
CHR1	6854941	CHR1:6854941	SSF x LoA	-5,893	0,118	0,276
CHR1	6854974	CHR1:6854974	SSF x LoA	-9,885	0,065	0,280
CHR1	6886598	CHR1:6886598	SSF x LoA	-5,356	0,088	0,280
CHR1	6886637	CHR1:6886637	SSF x LoA	-9,111	-0,175	0,289
CHR1	6886837	CHR1:6886837	SSF x LoA	-10,295	0,002	0,285
CHR1	6888713	CHR1:6888713	SSF x LoA	-10,870	-0,062	0,292
CHR1	6892547	CHR1:6892547	SSF x LoA	-10,241	-0,017	0,283
CHR1	6892636	CHR1:6892636	SSF x LoA	-9,594	-0,023	0,289
CHR1	6892644	CHR1:6892644	SSF x LoA	-9,072	-0,008	0,279
CHR1	6892805	CHR1:6892805	SSF x LoA	-7,889	0,031	0,293
CHR1	6892807	CHR1:6892807	SSF x LoA	-8,513	0,030	0,290
CHR1	6895530	CHR1:6895530	SSF x LoA	-11,344	-0,067	0,298
CHR1	6895594	CHR1:6895594	SSF x LoA	-7,298	-0,016	0,284
CHR1	6896873	CHR1:6896873	SSF x LoA	-10,500	0,057	0,300
CHR1	6976755	CHR1:6976755	SSF x LoA	-8,504	-0,043	0,293
CHR1	6976809	CHR1:6976809	SSF x LoA	-9,647	-0,148	0,277
CHR1	6976827	CHR1:6976827	SSF x LoA	-8,036	0,071	0,286
CHR1	6976834	CHR1:6976834	SSF x LoA	-9,276	0,089	0,277

CHR1	6976846	CHR1:6976846	SSF x LoA	-7,440	0,014	0,281
CHR1	6976883	CHR1:6976883	SSF x LoA	-8,995	0,028	0,297
CHR1	6976928	CHR1:6976928	SSF x LoA	-10,469	-0,050	0,274
CHR1	6976933	CHR1:6976933	SSF x LoA	-6,761	0,096	0,280
CHR1	6976934	CHR1:6976934	SSF x LoA	-9,395	0,086	0,284
CHR1	6976936	CHR1:6976936	SSF x LoA	-8,107	0,064	0,279
CHR1	6976951	CHR1:6976951	SSF x LoA	-7,571	0,204	0,284
CHR1	6976966	CHR1:6976966	SSF x LoA	-8,532	0,006	0,301
CHR1	6976971	CHR1:6976971	SSF x LoA	-8,390	-0,018	0,300
CHR1	6977015	CHR1:6977015	SSF x LoA	-10,112	0,019	0,284
CHR1	6977058	CHR1:6977058	SSF x LoA	-9,712	-0,034	0,285
CHR1	6977070	CHR1:6977070	SSF x LoA	-7,064	0,159	0,283
CHR1	6977099	CHR1:6977099	SSF x LoA	-8,963	-0,133	0,284
CHR1	6977125	CHR1:6977125	SSF x LoA	-9,256	-0,010	0,294
CHR1	6987650	CHR1:6987650	SSF x LoA	-10,703	0,031	0,292
CHR1	6987678	CHR1:6987678	SSF x LoA	-9,571	0,107	0,280
CHR1	7000662	CHR1:7000662	SSF x LoA	-5,217	-0,158	0,286
CHR1	7000679	CHR1:7000679	SSF x LoA	-6,999	0,102	0,292
CHR1	7000685	CHR1:7000685	SSF x LoA	-8,610	-0,143	0,274
CHR1	7000718	CHR1:7000718	SSF x LoA	-6,895	0,106	0,297
CHR1	7000749	CHR1:7000749	SSF x LoA	-9,385	0,068	0,286
CHR1	7000789	CHR1:7000789	SSF x LoA	-7,957	-0,047	0,280
CHR1	7002705	CHR1:7002705	SSF x LoA	-6,863	0,103	0,290
CHR1	7002726	CHR1:7002726	SSF x LoA	-6,058	0,162	0,293
CHR1	7006607	CHR1:7006607	SSF x LoA	-7,641	0,139	0,280
CHR1	7006658	CHR1:7006658	SSF x LoA	-8,630	0,098	0,289
CHR1	7006676	CHR1:7006676	SSF x LoA	-10,456	0,046	0,293
CHR1	7006703	CHR1:7006703	SSF x LoA	-9,262	-0,011	0,296
CHR1	7014926	CHR1:7014926	SSF x LoA	-9,419	0,018	0,288
CHR1	7015036	CHR1:7015036	SSF x LoA	-9,694	-0,012	0,290
CHR1	7015056	CHR1:7015056	SSF x LoA	-7,763	-0,074	0,291
CHR1	7015058	CHR1:7015058	SSF x LoA	-8,660	-0,077	0,288
CHR1	7015080	CHR1:7015080	SSF x LoA	-8,788	-0,108	0,288
CHR1	7015138	CHR1:7015138	SSF x LoA	-5,206	-0,171	0,302
CHR1	7015166	CHR1:7015166	SSF x LoA	-7,642	0,058	0,292
CHR1	7015167	CHR1:7015167	SSF x LoA	-7,347	0,151	0,281
CHR1	7015183	CHR1:7015183	SSF x LoA	-4,814	0,177	0,286
CHR1	7015185	CHR1:7015185	SSF x LoA	-9,736	-0,040	0,300
CHR1	7015203	CHR1:7015203	SSF x LoA	-9,740	0,015	0,282
CHR1	7015204	CHR1:7015204	SSF x LoA	-7,336	0,124	0,293
CHR1	7022229	CHR1:7022229	SSF x LoA	-9,760	0,130	0,279
CHR1	7023055	CHR1:7023055	SSF x LoA	-9,854	-0,008	0,288
CHR1	7023084	CHR1:7023084	SSF x LoA	-9,533	0,136	0,288
CHR1	7041041	CHR1:7041041	SSF x LoA	-11,372	-0,124	0,268
CHR1	7041152	CHR1:7041152	SSF x LoA	-9,286	-0,082	0,294
CHR1	7048297	CHR1:7048297	SSF x LoA	-7,315	-0,115	0,282
CHR1	7048332	CHR1:7048332	SSF x LoA	-7,698	0,199	0,276
CHR1	7048370	CHR1:7048370	SSF x LoA	-3,384	0,202	0,290
CHR1	7048382	CHR1:7048382	SSF x LoA	-3,072	0,184	0,285
CHR1	7048422	CHR1:7048422	SSF x LoA	-5,738	-0,177	0,290
CHR1	7063775	CHR1:7063775	SSF x LoA	-9,788	0,110	0,285
CHR1	7063810	CHR1:7063810	SSF x LoA	-8,583	0,104	0,280
CHR1	7064014	CHR1:7064014	SSF x LoA	-7,955	0,066	0,300

CHR1	7089171	CHR1:7089171	SSF x LoA	-7,141	-0,054	0,284
CHR1	7089209	CHR1:7089209	SSF x LoA	-4,209	0,154	0,278
CHR1	7089400	CHR1:7089400	SSF x LoA	-9,651	-0,064	0,288
CHR1	7089401	CHR1:7089401	SSF x LoA	-7,703	-0,045	0,298
CHR1	7106285	CHR1:7106285	SSF x LoA	-7,604	-0,109	0,274
CHR1	7106301	CHR1:7106301	SSF x LoA	-7,581	0,011	0,295
CHR1	7106315	CHR1:7106315	SSF x LoA	-7,427	-0,101	0,300
CHR1	7106333	CHR1:7106333	SSF x LoA	-7,929	0,026	0,303
CHR1	7106353	CHR1:7106353	SSF x LoA	-8,151	-0,102	0,283
CHR1	7106354	CHR1:7106354	SSF x LoA	-7,819	-0,106	0,294
CHR1	7114390	CHR1:7114390	SSF x LoA	-7,357	-0,097	0,279
CHR1	7114414	CHR1:7114414	SSF x LoA	-7,362	-0,091	0,282
CHR1	7143734	CHR1:7143734	SSF x LoA	-8,264	-0,015	0,290
CHR1	7143928	CHR1:7143928	SSF x LoA	-8,680	-0,058	0,294
CHR1	7143935	CHR1:7143935	SSF x LoA	-8,433	-0,002	0,283
CHR1	7143942	CHR1:7143942	SSF x LoA	-6,461	-0,083	0,279
CHR1	7143956	CHR1:7143956	SSF x LoA	-6,988	-0,069	0,297
CHR1	7151147	CHR1:7151147	SSF x LoA	-7,431	-0,081	0,290
CHR1	7151280	CHR1:7151280	SSF x LoA	-11,116	0,053	0,285
CHR1	7151360	CHR1:7151360	SSF x LoA	-7,985	0,030	0,301
CHR1	7154616	CHR1:7154616	SSF x LoA	-7,416	0,038	0,295
CHR1	7154663	CHR1:7154663	SSF x LoA	-8,557	-0,013	0,298
CHR1	7154780	CHR1:7154780	SSF x LoA	-5,532	0,134	0,302
CHR1	7154794	CHR1:7154794	SSF x LoA	-6,962	0,110	0,294
CHR1	7154799	CHR1:7154799	SSF x LoA	-10,029	0,032	0,300
CHR1	7154831	CHR1:7154831	SSF x LoA	-7,345	0,107	0,279
CHR1	7154887	CHR1:7154887	SSF x LoA	-3,049	-0,177	0,271
CHR1	7154892	CHR1:7154892	SSF x LoA	-5,179	0,188	0,289
CHR1	7159949	CHR1:7159949	SSF x LoA	-5,644	0,088	0,286
CHR1	7159952	CHR1:7159952	SSF x LoA	-9,925	-0,026	0,277
CHR1	7160045	CHR1:7160045	SSF x LoA	-11,518	0,003	0,280
CHR1	7166719	CHR1:7166719	SSF x LoA	-8,597	0,031	0,274
CHR1	7166935	CHR1:7166935	SSF x LoA	-8,118	-0,091	0,295
CHR1	7198022	CHR1:7198022	SSF x LoA	-10,885	-0,007	0,292
CHR1	7198035	CHR1:7198035	SSF x LoA	-5,479	0,052	0,291
CHR1	7198046	CHR1:7198046	SSF x LoA	-11,299	0,000	0,279
CHR1	7198058	CHR1:7198058	SSF x LoA	-8,016	-0,131	0,272
CHR1	7198182	CHR1:7198182	SSF x LoA	-7,419	-0,125	0,274
CHR1	7203320	CHR1:7203320	SSF x LoA	-8,376	-0,160	0,270
CHR1	7203334	CHR1:7203334	SSF x LoA	-6,761	0,110	0,291
CHR1	7203368	CHR1:7203368	SSF x LoA	-7,619	0,089	0,284
CHR1	7231793	CHR1:7231793	SSF x LoA	-5,214	0,096	0,292
CHR1	7231808	CHR1:7231808	SSF x LoA	-6,064	0,137	0,275
CHR1	7231970	CHR1:7231970	SSF x LoA	-9,541	-0,024	0,279
CHR1	7232068	CHR1:7232068	SSF x LoA	-8,960	0,016	0,284
CHR1	7232150	CHR1:7232150	SSF x LoA	-8,616	0,041	0,283
CHR1	7232189	CHR1:7232189	SSF x LoA	-7,460	0,025	0,297
CHR1	7232257	CHR1:7232257	SSF x LoA	-8,693	0,079	0,286
CHR1	7245590	CHR1:7245590	SSF x LoA	-8,398	0,074	0,288
CHR1	7245591	CHR1:7245591	SSF x LoA	-9,624	0,115	0,302
CHR1	7245604	CHR1:7245604	SSF x LoA	-9,760	-0,047	0,266
CHR1	7275035	CHR1:7275035	SSF x LoA	-10,101	-0,017	0,283
CHR1	7275043	CHR1:7275043	SSF x LoA	-9,077	-0,018	0,281

CHR1	7275100	CHR1:7275100	SSF x LoA	-8,010	0,084	0,280
CHR1	7275209	CHR1:7275209	SSF x LoA	-8,808	-0,064	0,299
CHR1	7275262	CHR1:7275262	SSF x LoA	-8,475	-0,050	0,280
CHR1	7275385	CHR1:7275385	SSF x LoA	-10,531	-0,048	0,292
CHR1	7275400	CHR1:7275400	SSF x LoA	-8,955	0,006	0,283
CHR1	7275419	CHR1:7275419	SSF x LoA	-7,648	0,083	0,291
CHR1	7296028	CHR1:7296028	SSF x LoA	-12,102	-0,031	0,275
CHR1	7305838	CHR1:7305838	SSF x LoA	-5,678	-0,025	0,287
CHR1	7305915	CHR1:7305915	SSF x LoA	-7,500	0,111	0,278
CHR1	7307482	CHR1:7307482	SSF x LoA	-9,662	0,093	0,277
CHR1	7307646	CHR1:7307646	SSF x LoA	-11,570	-0,028	0,272
CHR1	7315795	CHR1:7315795	SSF x LoA	-6,878	-0,193	0,270
CHR1	7315820	CHR1:7315820	SSF x LoA	-7,781	-0,016	0,292
CHR1	7315876	CHR1:7315876	SSF x LoA	-7,118	-0,005	0,294
CHR1	7315943	CHR1:7315943	SSF x LoA	-8,752	0,041	0,289
CHR1	7315951	CHR1:7315951	SSF x LoA	-7,298	0,089	0,275
CHR1	7315957	CHR1:7315957	SSF x LoA	-10,239	0,056	0,274
CHR1	7316026	CHR1:7316026	SSF x LoA	-6,349	0,034	0,269
CHR1	7317750	CHR1:7317750	SSF x LoA	-7,428	-0,087	0,290
CHR1	7317796	CHR1:7317796	SSF x LoA	-6,832	-0,084	0,289
CHR1	7317798	CHR1:7317798	SSF x LoA	-7,364	-0,142	0,285
CHR1	7318106	CHR1:7318106	SSF x LoA	-11,205	-0,051	0,303
CHR1	7318187	CHR1:7318187	SSF x LoA	-11,035	-0,044	0,287
CHR1	7329375	CHR1:7329375	SSF x LoA	-9,990	-0,019	0,287
CHR1	7329379	CHR1:7329379	SSF x LoA	-10,450	0,040	0,282
CHR1	7351968	CHR1:7351968	SSF x LoA	-8,468	-0,021	0,286
CHR1	7430916	CHR1:7430916	SSF x LoA	-9,901	-0,106	0,280
CHR1	7503977	CHR1:7503977	SSF x LoA	-7,919	-0,008	0,287
CHR1	7511874	CHR1:7511874	SSF x LoA	-8,124	0,001	0,289
CHR1	7511876	CHR1:7511876	SSF x LoA	-8,836	-0,002	0,293
CHR1	7511889	CHR1:7511889	SSF x LoA	-6,780	0,082	0,287
CHR1	7512000	CHR1:7512000	SSF x LoA	-9,342	-0,070	0,307
CHR1	7512130	CHR1:7512130	SSF x LoA	-5,257	-0,158	0,280
CHR1	7514402	CHR1:7514402	SSF x LoA	-4,250	0,044	0,293
CHR1	7514458	CHR1:7514458	SSF x LoA	-9,138	-0,195	0,267
CHR1	7514486	CHR1:7514486	SSF x LoA	-8,194	-0,180	0,283
CHR1	7536017	CHR1:7536017	SSF x LoA	-8,517	0,082	0,292
CHR1	7536176	CHR1:7536176	SSF x LoA	-9,702	-0,014	0,289
CHR1	7536218	CHR1:7536218	SSF x LoA	-10,843	-0,046	0,272
CHR1	7536268	CHR1:7536268	SSF x LoA	-8,256	0,062	0,283
CHR1	7538455	CHR1:7538455	SSF x LoA	-7,529	0,094	0,297
CHR1	7538701	CHR1:7538701	SSF x LoA	-8,503	0,050	0,291
CHR1	7593849	CHR1:7593849	SSF x LoA	-9,578	0,027	0,284
CHR1	7593936	CHR1:7593936	SSF x LoA	-8,991	0,137	0,281
CHR1	7595039	CHR1:7595039	SSF x LoA	-10,392	0,060	0,295
CHR1	7595072	CHR1:7595072	SSF x LoA	-10,417	0,079	0,290
CHR1	7595146	CHR1:7595146	SSF x LoA	-10,396	0,006	0,288
CHR1	7606251	CHR1:7606251	SSF x LoA	-10,181	-0,090	0,298
CHR1	7606346	CHR1:7606346	SSF x LoA	-8,180	0,094	0,290
CHR1	7622305	CHR1:7622305	SSF x LoA	-8,271	-0,050	0,286
CHR1	7624566	CHR1:7624566	SSF x LoA	-1,999	-0,204	0,279
CHR1	7624671	CHR1:7624671	SSF x LoA	-10,251	0,001	0,286
CHR1	7624746	CHR1:7624746	SSF x LoA	-8,511	-0,075	0,281

CHR1	7630422	CHR1:7630422	SSF x LoA	-10,669	0,115	0,286
CHR1	7662183	CHR1:7662183	SSF x LoA	-11,383	0,016	0,288
CHR1	7662187	CHR1:7662187	SSF x LoA	-9,912	-0,088	0,293
CHR1	7662207	CHR1:7662207	SSF x LoA	-10,135	-0,002	0,299
CHR1	7662208	CHR1:7662208	SSF x LoA	-7,584	-0,169	0,289
CHR1	7662219	CHR1:7662219	SSF x LoA	-4,353	-0,229	0,279
CHR1	7662222	CHR1:7662222	SSF x LoA	-10,039	-0,083	0,296
CHR1	7662225	CHR1:7662225	SSF x LoA	-7,821	-0,101	0,290
CHR1	7662231	CHR1:7662231	SSF x LoA	-8,462	0,083	0,289
CHR1	7677986	CHR1:7677986	SSF x LoA	-9,041	0,082	0,267
CHR1	7678017	CHR1:7678017	SSF x LoA	-10,136	0,019	0,306
CHR1	7678086	CHR1:7678086	SSF x LoA	-8,178	-0,021	0,288
CHR1	7678188	CHR1:7678188	SSF x LoA	-9,775	0,126	0,290
CHR1	7678213	CHR1:7678213	SSF x LoA	-6,758	-0,033	0,287
CHR1	7678244	CHR1:7678244	SSF x LoA	-8,920	-0,071	0,274
CHR1	7693695	CHR1:7693695	SSF x LoA	-8,606	-0,009	0,289
CHR1	7705440	CHR1:7705440	SSF x LoA	-8,525	0,067	0,295
CHR1	7705468	CHR1:7705468	SSF x LoA	-10,165	0,043	0,284
CHR1	7710381	CHR1:7710381	SSF x LoA	-11,350	-0,036	0,277
CHR1	7710474	CHR1:7710474	SSF x LoA	-8,908	-0,078	0,295
CHR1	7711176	CHR1:7711176	SSF x LoA	-8,930	0,086	0,295
CHR1	7711177	CHR1:7711177	SSF x LoA	-6,530	0,102	0,288
CHR1	7711184	CHR1:7711184	SSF x LoA	-7,773	0,072	0,299
CHR1	7711212	CHR1:7711212	SSF x LoA	-8,881	-0,108	0,285
CHR1	7718749	CHR1:7718749	SSF x LoA	-6,105	-0,061	0,295
CHR1	7718792	CHR1:7718792	SSF x LoA	-8,909	0,114	0,302
CHR1	7722237	CHR1:7722237	SSF x LoA	-5,926	-0,121	0,283
CHR1	7722258	CHR1:7722258	SSF x LoA	-6,027	-0,119	0,287
CHR1	7722278	CHR1:7722278	SSF x LoA	-7,874	-0,100	0,274
CHR1	7722419	CHR1:7722419	SSF x LoA	-8,022	0,036	0,294
CHR1	7760699	CHR1:7760699	SSF x LoA	-8,913	0,032	0,290
CHR1	7760758	CHR1:7760758	SSF x LoA	-5,236	-0,103	0,294
CHR1	7760851	CHR1:7760851	SSF x LoA	-6,852	-0,086	0,304
CHR1	7760853	CHR1:7760853	SSF x LoA	-9,727	-0,044	0,287
CHR1	7769768	CHR1:7769768	SSF x LoA	-10,879	0,028	0,288
CHR1	7769789	CHR1:7769789	SSF x LoA	-10,287	0,029	0,290
CHR1	7770884	CHR1:7770884	SSF x LoA	-7,425	0,063	0,297
CHR1	7770888	CHR1:7770888	SSF x LoA	-8,509	0,071	0,286
CHR1	7770889	CHR1:7770889	SSF x LoA	-9,094	0,136	0,272
CHR1	7770930	CHR1:7770930	SSF x LoA	-4,845	-0,006	0,284
CHR1	7774411	CHR1:7774411	SSF x LoA	-7,059	-0,032	0,282
CHR1	7774424	CHR1:7774424	SSF x LoA	-8,859	-0,017	0,278
CHR1	7774459	CHR1:7774459	SSF x LoA	-5,695	-0,030	0,285
CHR1	7774504	CHR1:7774504	SSF x LoA	-9,185	-0,070	0,282
CHR1	7776906	CHR1:7776906	SSF x LoA	-9,084	-0,083	0,292
CHR1	7805518	CHR1:7805518	SSF x LoA	-8,976	-0,056	0,302
CHR1	7805589	CHR1:7805589	SSF x LoA	-11,732	-0,008	0,287
CHR1	7805675	CHR1:7805675	SSF x LoA	-8,132	0,113	0,287
CHR1	7805706	CHR1:7805706	SSF x LoA	-8,396	-0,001	0,297
CHR1	7805741	CHR1:7805741	SSF x LoA	-9,844	0,025	0,284
CHR1	7810125	CHR1:7810125	SSF x LoA	-9,529	0,057	0,295
CHR1	7831239	CHR1:7831239	SSF x LoA	-10,137	-0,065	0,299
CHR1	7833770	CHR1:7833770	SSF x LoA	-9,609	-0,013	0,286

CHR1	7833784	CHR1:7833784	SSF x LoA	-7,493	-0,025	0,287
CHR1	7833792	CHR1:7833792	SSF x LoA	-8,368	-0,024	0,282
CHR1	7836888	CHR1:7836888	SSF x LoA	-9,217	-0,037	0,284
CHR1	7849255	CHR1:7849255	SSF x LoA	-7,198	-0,157	0,284
CHR1	7854487	CHR1:7854487	SSF x LoA	-5,727	0,026	0,297
CHR1	7869507	CHR1:7869507	SSF x LoA	-6,060	0,062	0,292
CHR1	7869587	CHR1:7869587	SSF x LoA	-6,531	-0,089	0,295
CHR1	7869596	CHR1:7869596	SSF x LoA	-8,487	0,035	0,300
CHR1	7881752	CHR1:7881752	SSF x LoA	-11,010	-0,012	0,282
CHR1	7881781	CHR1:7881781	SSF x LoA	-9,538	0,094	0,282
CHR1	7894785	CHR1:7894785	SSF x LoA	-10,078	0,015	0,293
CHR1	7894838	CHR1:7894838	SSF x LoA	-9,514	0,081	0,278
CHR1	7894934	CHR1:7894934	SSF x LoA	-9,490	0,026	0,291
CHR1	7904169	CHR1:7904169	SSF x LoA	-8,524	-0,032	0,272
CHR1	7922532	CHR1:7922532	SSF x LoA	-10,221	0,033	0,288
CHR1	7922658	CHR1:7922658	SSF x LoA	-8,958	-0,010	0,273
CHR1	7929472	CHR1:7929472	SSF x LoA	-9,390	0,100	0,284
CHR1	7929582	CHR1:7929582	SSF x LoA	-7,671	0,063	0,298
CHR1	7929669	CHR1:7929669	SSF x LoA	-10,211	-0,003	0,301
CHR1	7942770	CHR1:7942770	SSF x LoA	-9,385	0,061	0,280
CHR1	7942824	CHR1:7942824	SSF x LoA	-8,273	-0,192	0,280
CHR1	7943854	CHR1:7943854	SSF x LoA	-8,292	0,059	0,268
CHR1	7943874	CHR1:7943874	SSF x LoA	-4,517	0,021	0,291
CHR1	7959365	CHR1:7959365	SSF x LoA	-3,848	0,198	0,293
CHR1	7959378	CHR1:7959378	SSF x LoA	-8,121	0,038	0,294
CHR1	7967797	CHR1:7967797	SSF x LoA	-7,501	-0,069	0,291
CHR1	7970012	CHR1:7970012	SSF x LoA	-6,013	0,113	0,282
CHR1	7970134	CHR1:7970134	SSF x LoA	-5,182	0,046	0,291
CHR1	7988119	CHR1:7988119	SSF x LoA	-8,006	0,064	0,287
CHR1	7988139	CHR1:7988139	SSF x LoA	-8,098	-0,005	0,291
CHR1	7988158	CHR1:7988158	SSF x LoA	-8,033	0,049	0,291
CHR1	7988185	CHR1:7988185	SSF x LoA	-8,127	0,035	0,279
CHR1	7990808	CHR1:7990808	SSF x LoA	-7,751	0,105	0,301
CHR1	7996539	CHR1:7996539	SSF x LoA	-9,142	0,059	0,285
CHR1	7996544	CHR1:7996544	SSF x LoA	-9,863	0,031	0,284
CHR1	7996640	CHR1:7996640	SSF x LoA	-9,441	0,046	0,284
CHR1	7999809	CHR1:7999809	SSF x LoA	-8,938	-0,031	0,283
CHR1	7999867	CHR1:7999867	SSF x LoA	-8,564	0,027	0,294
CHR1	7999919	CHR1:7999919	SSF x LoA	-9,538	-0,009	0,282
CHR1	7999992	CHR1:7999992	SSF x LoA	-10,150	-0,084	0,286
CHR1	8007983	CHR1:8007983	SSF x LoA	-9,673	0,028	0,295
CHR1	8008259	CHR1:8008259	SSF x LoA	-9,785	-0,103	0,286
CHR1	8008262	CHR1:8008262	SSF x LoA	-10,387	-0,137	0,284
CHR1	8008302	CHR1:8008302	SSF x LoA	-7,573	-0,176	0,278
CHR1	8008322	CHR1:8008322	SSF x LoA	-5,925	-0,146	0,297
CHR1	8008343	CHR1:8008343	SSF x LoA	-2,505	-0,011	0,301
CHR1	8012253	CHR1:8012253	SSF x LoA	-8,034	0,080	0,308
CHR1	8012261	CHR1:8012261	SSF x LoA	-7,373	-0,064	0,288
CHR1	8012287	CHR1:8012287	SSF x LoA	-5,762	0,129	0,297
CHR1	8012300	CHR1:8012300	SSF x LoA	-5,890	0,142	0,280
CHR1	8012319	CHR1:8012319	SSF x LoA	-10,854	-0,069	0,279
CHR1	8012395	CHR1:8012395	SSF x LoA	-7,036	0,087	0,294
CHR1	8012420	CHR1:8012420	SSF x LoA	-6,296	-0,106	0,282

CHR1	8016362	CHR1:8016362	SSF x LoA	-11,445	-0,024	0,286
CHR1	8025746	CHR1:8025746	SSF x LoA	-7,480	-0,105	0,298
CHR1	8025763	CHR1:8025763	SSF x LoA	-7,750	-0,013	0,280
CHR1	8025832	CHR1:8025832	SSF x LoA	-9,921	-0,014	0,300
CHR1	8025842	CHR1:8025842	SSF x LoA	-10,101	-0,044	0,291
CHR1	8025985	CHR1:8025985	SSF x LoA	-10,820	-0,075	0,292
CHR1	8050469	CHR1:8050469	SSF x LoA	-10,978	0,040	0,286
CHR1	8054050	CHR1:8054050	SSF x LoA	-8,920	0,021	0,288
CHR1	8054214	CHR1:8054214	SSF x LoA	-10,608	0,041	0,295
CHR1	8066414	CHR1:8066414	SSF x LoA	-9,550	-0,047	0,284
CHR1	8066429	CHR1:8066429	SSF x LoA	-7,438	0,104	0,297
CHR1	8066551	CHR1:8066551	SSF x LoA	-8,883	-0,002	0,275
CHR1	8066609	CHR1:8066609	SSF x LoA	-7,753	-0,072	0,288
CHR1	8066622	CHR1:8066622	SSF x LoA	-6,939	0,014	0,289
CHR1	8066638	CHR1:8066638	SSF x LoA	-7,506	-0,090	0,283
CHR1	8066710	CHR1:8066710	SSF x LoA	-4,906	0,020	0,299
CHR1	8073890	CHR1:8073890	SSF x LoA	-8,422	0,054	0,294
CHR1	8087949	CHR1:8087949	SSF x LoA	-9,429	-0,039	0,285
CHR1	8127148	CHR1:8127148	SSF x LoA	-10,006	0,029	0,292
CHR1	8127152	CHR1:8127152	SSF x LoA	-1,883	-0,191	0,274
CHR1	8127367	CHR1:8127367	SSF x LoA	0,928	0,215	0,282
CHR1	8127385	CHR1:8127385	SSF x LoA	-3,423	0,232	0,280
CHR1	8127469	CHR1:8127469	SSF x LoA	-10,618	-0,067	0,270
CHR1	8127473	CHR1:8127473	SSF x LoA	-10,477	0,031	0,279
CHR1	8127529	CHR1:8127529	SSF x LoA	-8,383	0,110	0,281
CHR1	8163303	CHR1:8163303	SSF x LoA	-9,037	-0,075	0,289
CHR1	8163397	CHR1:8163397	SSF x LoA	-8,048	0,002	0,275
CHR1	8163398	CHR1:8163398	SSF x LoA	-9,779	-0,042	0,292
CHR1	8163410	CHR1:8163410	SSF x LoA	-10,050	-0,035	0,279
CHR1	8163417	CHR1:8163417	SSF x LoA	-7,890	0,069	0,290
CHR1	8163499	CHR1:8163499	SSF x LoA	-9,422	-0,002	0,294
CHR1	8166756	CHR1:8166756	SSF x LoA	-11,343	-0,042	0,295
CHR1	8167705	CHR1:8167705	SSF x LoA	-11,443	0,028	0,281
CHR1	8167820	CHR1:8167820	SSF x LoA	-6,341	-0,126	0,277
CHR1	8167852	CHR1:8167852	SSF x LoA	-6,276	-0,164	0,286
CHR1	8184814	CHR1:8184814	SSF x LoA	-10,523	-0,081	0,296
CHR1	8207417	CHR1:8207417	SSF x LoA	-8,141	-0,082	0,274
CHR1	8207419	CHR1:8207419	SSF x LoA	-8,487	0,038	0,297
CHR1	8207423	CHR1:8207423	SSF x LoA	-10,178	0,005	0,272
CHR1	8207464	CHR1:8207464	SSF x LoA	-10,647	0,010	0,288
CHR1	8207513	CHR1:8207513	SSF x LoA	-8,728	0,024	0,284
CHR1	8210948	CHR1:8210948	SSF x LoA	-7,110	-0,051	0,299
CHR1	8211002	CHR1:8211002	SSF x LoA	-9,601	-0,044	0,297
CHR1	8211045	CHR1:8211045	SSF x LoA	-9,872	-0,002	0,293
CHR1	8211085	CHR1:8211085	SSF x LoA	-9,809	0,135	0,276
CHR1	8211117	CHR1:8211117	SSF x LoA	-6,117	0,179	0,288
CHR1	8211128	CHR1:8211128	SSF x LoA	5,046	0,203	0,274
CHR1	8211132	CHR1:8211132	SSF x LoA	-6,619	0,176	0,286
CHR1	8233684	CHR1:8233684	SSF x LoA	-9,235	0,119	0,279
CHR1	8233695	CHR1:8233695	SSF x LoA	-9,552	-0,095	0,280
CHR1	8233745	CHR1:8233745	SSF x LoA	-10,079	-0,019	0,293
CHR1	8233777	CHR1:8233777	SSF x LoA	-9,691	0,041	0,288
CHR1	8233859	CHR1:8233859	SSF x LoA	-8,192	0,134	0,281

CHR1	8241861	CHR1:8241861	SSF x LoA	-6,395	0,092	0,290
CHR1	8248710	CHR1:8248710	SSF x LoA	-11,233	-0,065	0,287
CHR1	8274278	CHR1:8274278	SSF x LoA	-9,025	0,045	0,295
CHR1	8278013	CHR1:8278013	SSF x LoA	-9,478	-0,117	0,280
CHR1	8278074	CHR1:8278074	SSF x LoA	-8,339	0,095	0,295
CHR1	8278186	CHR1:8278186	SSF x LoA	-8,648	-0,131	0,291
CHR1	8283803	CHR1:8283803	SSF x LoA	-9,065	0,103	0,299
CHR1	8283987	CHR1:8283987	SSF x LoA	-7,592	-0,020	0,292
CHR1	8295792	CHR1:8295792	SSF x LoA	-7,215	-0,158	0,291
CHR1	8306189	CHR1:8306189	SSF x LoA	-6,421	0,028	0,301
CHR1	8306262	CHR1:8306262	SSF x LoA	0,770	-0,210	0,264
CHR1	8306296	CHR1:8306296	SSF x LoA	-11,195	0,020	0,279
CHR1	8307280	CHR1:8307280	SSF x LoA	-6,796	-0,125	0,280
CHR1	8317000	CHR1:8317000	SSF x LoA	-6,192	0,094	0,295
CHR1	8317093	CHR1:8317093	SSF x LoA	-10,082	-0,060	0,274
CHR1	8317114	CHR1:8317114	SSF x LoA	-9,909	0,041	0,293
CHR1	8330039	CHR1:8330039	SSF x LoA	-6,784	0,101	0,270
CHR1	8330041	CHR1:8330041	SSF x LoA	-7,874	0,096	0,274
CHR1	8330076	CHR1:8330076	SSF x LoA	-6,942	0,027	0,291
CHR1	8330150	CHR1:8330150	SSF x LoA	-9,586	-0,042	0,287
CHR1	8332575	CHR1:8332575	SSF x LoA	-6,750	0,151	0,300
CHR1	8332722	CHR1:8332722	SSF x LoA	-6,555	0,129	0,291
CHR1	8343971	CHR1:8343971	SSF x LoA	-8,999	0,030	0,290
CHR1	8343984	CHR1:8343984	SSF x LoA	-10,579	-0,048	0,289
CHR1	8344032	CHR1:8344032	SSF x LoA	-8,905	0,013	0,284
CHR1	8344036	CHR1:8344036	SSF x LoA	-6,457	-0,023	0,299
CHR1	8344049	CHR1:8344049	SSF x LoA	-9,108	-0,047	0,281
CHR1	8344068	CHR1:8344068	SSF x LoA	1,401	0,176	0,269
CHR1	8344136	CHR1:8344136	SSF x LoA	-7,494	-0,015	0,295
CHR1	8344140	CHR1:8344140	SSF x LoA	-7,256	0,030	0,290
CHR1	8344169	CHR1:8344169	SSF x LoA	-6,848	0,017	0,301
CHR1	8344188	CHR1:8344188	SSF x LoA	-4,432	-0,018	0,295
CHR1	8344192	CHR1:8344192	SSF x LoA	-8,676	0,006	0,285
CHR1	8346820	CHR1:8346820	SSF x LoA	-8,012	0,088	0,288
CHR1	8347720	CHR1:8347720	SSF x LoA	-9,872	-0,041	0,285
CHR1	8355930	CHR1:8355930	SSF x LoA	-9,927	-0,048	0,285
CHR1	8356015	CHR1:8356015	SSF x LoA	-10,256	-0,007	0,294
CHR1	8356053	CHR1:8356053	SSF x LoA	-6,726	-0,098	0,280
CHR1	8356124	CHR1:8356124	SSF x LoA	-9,254	0,063	0,305
CHR1	8356166	CHR1:8356166	SSF x LoA	-9,004	0,028	0,289
CHR1	8389354	CHR1:8389354	SSF x LoA	-7,357	0,075	0,291
CHR1	8389389	CHR1:8389389	SSF x LoA	-4,685	-0,173	0,267
CHR1	8389410	CHR1:8389410	SSF x LoA	-6,485	-0,134	0,262
CHR1	8389411	CHR1:8389411	SSF x LoA	-5,632	-0,157	0,274
CHR1	8389424	CHR1:8389424	SSF x LoA	-2,330	-0,131	0,270
CHR1	8394102	CHR1:8394102	SSF x LoA	-9,318	0,029	0,282
CHR1	8394132	CHR1:8394132	SSF x LoA	-9,532	-0,049	0,294
CHR1	8394154	CHR1:8394154	SSF x LoA	-3,233	-0,161	0,277
CHR1	8401881	CHR1:8401881	SSF x LoA	-6,879	-0,041	0,297
CHR1	8402090	CHR1:8402090	SSF x LoA	-7,586	-0,083	0,290
CHR1	8402199	CHR1:8402199	SSF x LoA	-7,160	0,004	0,297
CHR1	8402215	CHR1:8402215	SSF x LoA	-4,630	-0,106	0,270
CHR1	8402310	CHR1:8402310	SSF x LoA	-9,828	-0,095	0,291

CHR1	8402343	CHR1:8402343	SSF x LoA	-8,820	-0,015	0,285
CHR1	8452328	CHR1:8452328	SSF x LoA	-7,325	-0,164	0,278
CHR1	8452477	CHR1:8452477	SSF x LoA	-7,913	0,145	0,287
CHR1	8464870	CHR1:8464870	SSF x LoA	-4,793	-0,188	0,278
CHR1	8464919	CHR1:8464919	SSF x LoA	-10,351	-0,041	0,304
CHR1	8469664	CHR1:8469664	SSF x LoA	-8,059	-0,125	0,273
CHR1	8469793	CHR1:8469793	SSF x LoA	-7,284	-0,183	0,278
CHR1	8482403	CHR1:8482403	SSF x LoA	-9,786	-0,002	0,292
CHR1	8494098	CHR1:8494098	SSF x LoA	-7,180	0,087	0,299
CHR1	8494102	CHR1:8494102	SSF x LoA	-9,099	-0,067	0,280
CHR1	8494105	CHR1:8494105	SSF x LoA	-7,653	-0,046	0,295
CHR1	8494114	CHR1:8494114	SSF x LoA	-9,820	-0,044	0,298
CHR1	8494156	CHR1:8494156	SSF x LoA	-6,385	-0,121	0,291
CHR1	8494181	CHR1:8494181	SSF x LoA	-10,034	-0,038	0,304
CHR1	8494214	CHR1:8494214	SSF x LoA	-9,092	-0,059	0,294
CHR1	8494249	CHR1:8494249	SSF x LoA	-10,246	-0,059	0,293
CHR1	8494254	CHR1:8494254	SSF x LoA	-5,376	-0,145	0,285
CHR1	850226	CHR1:850226	SSF x LoA	-8,510	0,013	0,292
CHR1	8502294	CHR1:8502294	SSF x LoA	-7,736	0,117	0,284
CHR1	8502313	CHR1:8502313	SSF x LoA	-9,728	-0,037	0,305
CHR1	8503281	CHR1:8503281	SSF x LoA	-9,819	0,044	0,286
CHR1	8503315	CHR1:8503315	SSF x LoA	-10,331	-0,038	0,291
CHR1	8508142	CHR1:8508142	SSF x LoA	-8,913	-0,017	0,270
CHR1	8508180	CHR1:8508180	SSF x LoA	-9,259	-0,004	0,299
CHR1	8511612	CHR1:8511612	SSF x LoA	-10,786	-0,038	0,292
CHR1	8511652	CHR1:8511652	SSF x LoA	-8,277	0,045	0,297
CHR1	8511660	CHR1:8511660	SSF x LoA	-10,709	-0,015	0,280
CHR1	8511671	CHR1:8511671	SSF x LoA	-7,728	-0,018	0,307
CHR1	8511673	CHR1:8511673	SSF x LoA	-8,910	-0,059	0,289
CHR1	8514828	CHR1:8514828	SSF x LoA	7,567	0,091	0,296
CHR1	8514983	CHR1:8514983	SSF x LoA	-11,799	0,036	0,282
CHR1	8514990	CHR1:8514990	SSF x LoA	-9,720	-0,065	0,294
CHR1	8515082	CHR1:8515082	SSF x LoA	-8,947	0,009	0,291
CHR1	8553729	CHR1:8553729	SSF x LoA	-9,318	-0,023	0,295
CHR1	8555218	CHR1:8555218	SSF x LoA	-8,383	0,017	0,288
CHR1	8555285	CHR1:8555285	SSF x LoA	-9,137	-0,008	0,286
CHR1	8555320	CHR1:8555320	SSF x LoA	-8,048	-0,027	0,302
CHR1	8561022	CHR1:8561022	SSF x LoA	-7,726	0,068	0,291
CHR1	8561156	CHR1:8561156	SSF x LoA	-10,224	0,042	0,304
CHR1	8561186	CHR1:8561186	SSF x LoA	-9,516	0,082	0,298
CHR1	8561208	CHR1:8561208	SSF x LoA	-7,999	0,028	0,295
CHR1	8561212	CHR1:8561212	SSF x LoA	-3,987	-0,067	0,287
CHR1	8561236	CHR1:8561236	SSF x LoA	-9,749	0,035	0,281
CHR1	8561242	CHR1:8561242	SSF x LoA	-7,471	-0,068	0,299
CHR1	8573905	CHR1:8573905	SSF x LoA	-10,493	-0,020	0,280
CHR1	8574110	CHR1:8574110	SSF x LoA	-9,460	0,068	0,266
CHR1	8577799	CHR1:8577799	SSF x LoA	-11,117	0,026	0,293
CHR1	8584672	CHR1:8584672	SSF x LoA	-7,620	0,064	0,281
CHR1	8584731	CHR1:8584731	SSF x LoA	-6,446	0,070	0,284
CHR1	8584829	CHR1:8584829	SSF x LoA	-10,271	0,061	0,303
CHR1	8626222	CHR1:8626222	SSF x LoA	-7,251	0,006	0,271
CHR1	8626309	CHR1:8626309	SSF x LoA	-9,294	-0,043	0,283
CHR1	8626327	CHR1:8626327	SSF x LoA	-11,930	0,007	0,287

CHR1	8626378	CHR1:8626378	SSF x LoA	-7,870	-0,020	0,294
CHR1	8626382	CHR1:8626382	SSF x LoA	-2,703	0,102	0,307
CHR1	8626439	CHR1:8626439	SSF x LoA	-5,383	-0,077	0,269
CHR1	8627354	CHR1:8627354	SSF x LoA	-7,379	-0,100	0,288
CHR1	8627420	CHR1:8627420	SSF x LoA	-6,738	0,008	0,300
CHR1	8628599	CHR1:8628599	SSF x LoA	-9,423	0,037	0,296
CHR1	8628600	CHR1:8628600	SSF x LoA	-9,925	-0,005	0,292
CHR1	8651419	CHR1:8651419	SSF x LoA	-5,259	-0,219	0,276
CHR1	8651437	CHR1:8651437	SSF x LoA	-4,065	-0,199	0,278
CHR1	8651477	CHR1:8651477	SSF x LoA	-10,236	0,026	0,281
CHR1	8651525	CHR1:8651525	SSF x LoA	-9,247	0,178	0,288
CHR1	8661445	CHR1:8661445	SSF x LoA	-9,597	0,051	0,290
CHR1	8661501	CHR1:8661501	SSF x LoA	-9,155	0,037	0,306
CHR1	8661505	CHR1:8661505	SSF x LoA	-9,606	0,025	0,303
CHR1	8661513	CHR1:8661513	SSF x LoA	-5,303	0,021	0,299
CHR1	8661532	CHR1:8661532	SSF x LoA	-9,583	0,102	0,306
CHR1	8661575	CHR1:8661575	SSF x LoA	-9,275	0,046	0,294
CHR1	8661582	CHR1:8661582	SSF x LoA	-8,402	0,032	0,285
CHR1	8712858	CHR1:8712858	SSF x LoA	-6,542	-0,139	0,283
CHR1	8712869	CHR1:8712869	SSF x LoA	-4,734	-0,195	0,262
CHR1	8712877	CHR1:8712877	SSF x LoA	-9,682	-0,089	0,298
CHR1	8712971	CHR1:8712971	SSF x LoA	-5,655	-0,247	0,267
CHR1	8712984	CHR1:8712984	SSF x LoA	-4,426	-0,187	0,271
CHR1	8713006	CHR1:8713006	SSF x LoA	-3,107	0,072	0,296
CHR1	872152	CHR1:872152	SSF x LoA	-8,187	-0,042	0,291
CHR1	872159	CHR1:872159	SSF x LoA	-11,645	-0,025	0,279
CHR1	8741103	CHR1:8741103	SSF x LoA	-8,707	-0,004	0,310
CHR1	8751909	CHR1:8751909	SSF x LoA	-1,878	0,156	0,259
CHR1	8751947	CHR1:8751947	SSF x LoA	-9,424	-0,089	0,278
CHR1	8759194	CHR1:8759194	SSF x LoA	-9,051	-0,057	0,276
CHR1	8759226	CHR1:8759226	SSF x LoA	-11,142	0,046	0,291
CHR1	8759289	CHR1:8759289	SSF x LoA	-9,270	-0,079	0,281
CHR1	8759308	CHR1:8759308	SSF x LoA	-8,443	-0,077	0,288
CHR1	8759984	CHR1:8759984	SSF x LoA	-11,604	0,024	0,292
CHR1	8765380	CHR1:8765380	SSF x LoA	-7,283	-0,012	0,280
CHR1	8778196	CHR1:8778196	SSF x LoA	-5,860	0,175	0,290
CHR1	8778209	CHR1:8778209	SSF x LoA	-8,271	0,141	0,287
CHR1	8791460	CHR1:8791460	SSF x LoA	-2,120	-0,051	0,304
CHR1	8791476	CHR1:8791476	SSF x LoA	-6,088	-0,079	0,292
CHR1	8791479	CHR1:8791479	SSF x LoA	-7,592	-0,100	0,289
CHR1	8791480	CHR1:8791480	SSF x LoA	-8,705	-0,020	0,287
CHR1	8791501	CHR1:8791501	SSF x LoA	-10,195	0,116	0,276
CHR1	8791629	CHR1:8791629	SSF x LoA	-7,853	-0,119	0,286
CHR1	8823579	CHR1:8823579	SSF x LoA	-8,429	-0,005	0,303
CHR1	8825230	CHR1:8825230	SSF x LoA	-7,981	0,046	0,288
CHR1	883420	CHR1:883420	SSF x LoA	-7,081	0,052	0,293
CHR1	8845374	CHR1:8845374	SSF x LoA	-5,743	-0,015	0,300
CHR1	8845375	CHR1:8845375	SSF x LoA	-3,947	-0,105	0,283
CHR1	8845524	CHR1:8845524	SSF x LoA	-5,979	-0,057	0,303
CHR1	8845525	CHR1:8845525	SSF x LoA	-7,797	-0,063	0,280
CHR1	8857160	CHR1:8857160	SSF x LoA	-7,490	0,137	0,288
CHR1	8857209	CHR1:8857209	SSF x LoA	-9,323	-0,093	0,290
CHR1	8859877	CHR1:8859877	SSF x LoA	2,460	0,122	0,291

CHR1	8859882	CHR1:8859882	SSF x LoA	-8,630	-0,094	0,279
CHR1	8859888	CHR1:8859888	SSF x LoA	-5,338	-0,190	0,282
CHR1	8859902	CHR1:8859902	SSF x LoA	-9,234	0,117	0,284
CHR1	8859906	CHR1:8859906	SSF x LoA	-8,773	-0,082	0,301
CHR1	8859931	CHR1:8859931	SSF x LoA	-8,691	-0,102	0,291
CHR1	8859956	CHR1:8859956	SSF x LoA	-7,811	0,034	0,312
CHR1	8859972	CHR1:8859972	SSF x LoA	-8,570	0,139	0,284
CHR1	8860037	CHR1:8860037	SSF x LoA	-10,138	0,125	0,281
CHR1	8860114	CHR1:8860114	SSF x LoA	-9,366	-0,050	0,280
CHR1	8869008	CHR1:8869008	SSF x LoA	-8,731	-0,011	0,280
CHR1	8886535	CHR1:8886535	SSF x LoA	-8,480	0,011	0,278
CHR1	8893759	CHR1:8893759	SSF x LoA	-8,859	-0,003	0,284
CHR1	8893853	CHR1:8893853	SSF x LoA	-10,780	0,033	0,289
CHR1	8899305	CHR1:8899305	SSF x LoA	-6,300	-0,149	0,287
CHR1	8899332	CHR1:8899332	SSF x LoA	-5,481	-0,136	0,291
CHR1	8899386	CHR1:8899386	SSF x LoA	-10,224	0,077	0,289
CHR1	8899410	CHR1:8899410	SSF x LoA	-9,893	-0,064	0,288
CHR1	8899414	CHR1:8899414	SSF x LoA	-10,200	-0,069	0,284
CHR1	8899480	CHR1:8899480	SSF x LoA	-9,198	0,032	0,302
CHR1	8899509	CHR1:8899509	SSF x LoA	-8,699	-0,042	0,307
CHR1	8899524	CHR1:8899524	SSF x LoA	-8,608	-0,085	0,290
CHR1	8899544	CHR1:8899544	SSF x LoA	-11,486	-0,002	0,287
CHR1	8899557	CHR1:8899557	SSF x LoA	-8,956	0,056	0,301
CHR1	8925792	CHR1:8925792	SSF x LoA	-8,834	0,122	0,290
CHR1	8926007	CHR1:8926007	SSF x LoA	-8,632	0,088	0,285
CHR1	8926014	CHR1:8926014	SSF x LoA	-9,564	-0,086	0,292
CHR1	895501	CHR1:895501	SSF x LoA	-9,349	0,124	0,308
CHR1	895528	CHR1:895528	SSF x LoA	-10,039	-0,055	0,276
CHR1	895536	CHR1:895536	SSF x LoA	-9,008	-0,073	0,270
CHR1	895592	CHR1:895592	SSF x LoA	-7,927	-0,016	0,303
CHR1	895645	CHR1:895645	SSF x LoA	-10,310	0,046	0,291
CHR1	895683	CHR1:895683	SSF x LoA	-8,406	0,022	0,289
CHR1	895684	CHR1:895684	SSF x LoA	-7,889	0,016	0,288
CHR1	8964125	CHR1:8964125	SSF x LoA	-4,993	-0,168	0,286
CHR1	8979937	CHR1:8979937	SSF x LoA	-8,990	-0,076	0,297
CHR1	8979938	CHR1:8979938	SSF x LoA	-9,265	-0,065	0,285
CHR1	8984920	CHR1:8984920	SSF x LoA	-8,510	0,085	0,283
CHR1	8985039	CHR1:8985039	SSF x LoA	0,105	-0,153	0,283
CHR1	8985136	CHR1:8985136	SSF x LoA	-6,440	-0,176	0,276
CHR1	8989809	CHR1:8989809	SSF x LoA	-1,437	0,177	0,279
CHR1	8990837	CHR1:8990837	SSF x LoA	-8,285	0,000	0,289
CHR1	9013205	CHR1:9013205	SSF x LoA	0,086	-0,085	0,282
CHR1	9013219	CHR1:9013219	SSF x LoA	-6,776	-0,025	0,310
CHR1	9013292	CHR1:9013292	SSF x LoA	-9,474	0,083	0,281
CHR1	9013510	CHR1:9013510	SSF x LoA	-11,204	-0,019	0,291
CHR1	9013534	CHR1:9013534	SSF x LoA	-9,074	0,075	0,294
CHR1	9052172	CHR1:9052172	SSF x LoA	-8,654	0,032	0,303
CHR1	9052196	CHR1:9052196	SSF x LoA	-8,212	0,059	0,289
CHR1	9052295	CHR1:9052295	SSF x LoA	-9,721	-0,012	0,289
CHR1	9078538	CHR1:9078538	SSF x LoA	-7,412	0,116	0,286
CHR1	9080955	CHR1:9080955	SSF x LoA	-8,121	-0,124	0,283
CHR1	9080991	CHR1:9080991	SSF x LoA	-7,887	0,016	0,294
CHR1	9080999	CHR1:9080999	SSF x LoA	-7,951	0,122	0,307

CHR1	9081133	CHR1:9081133	SSF x LoA	-10,869	-0,024	0,294
CHR1	9086501	CHR1:9086501	SSF x LoA	-9,419	-0,071	0,292
CHR1	9086686	CHR1:9086686	SSF x LoA	-3,613	-0,046	0,293
CHR1	9092655	CHR1:9092655	SSF x LoA	-10,565	0,064	0,282
CHR1	9092781	CHR1:9092781	SSF x LoA	-8,693	-0,053	0,289
CHR1	9103644	CHR1:9103644	SSF x LoA	-7,609	0,047	0,286
CHR1	9103698	CHR1:9103698	SSF x LoA	-8,585	0,077	0,305
CHR1	9103709	CHR1:9103709	SSF x LoA	-9,973	-0,030	0,289
CHR1	9103711	CHR1:9103711	SSF x LoA	-6,731	-0,028	0,292
CHR1	9103718	CHR1:9103718	SSF x LoA	-8,813	0,036	0,291
CHR1	9103815	CHR1:9103815	SSF x LoA	-8,038	-0,092	0,278
CHR1	9108024	CHR1:9108024	SSF x LoA	-10,288	-0,117	0,285
CHR1	9108062	CHR1:9108062	SSF x LoA	-10,372	-0,089	0,287
CHR1	9109647	CHR1:9109647	SSF x LoA	-5,941	-0,147	0,277
CHR1	9109674	CHR1:9109674	SSF x LoA	-9,747	0,117	0,300
CHR1	9117816	CHR1:9117816	SSF x LoA	-5,464	0,052	0,304
CHR1	9117844	CHR1:9117844	SSF x LoA	-8,476	0,061	0,296
CHR1	9117849	CHR1:9117849	SSF x LoA	-6,737	0,130	0,297
CHR1	9117930	CHR1:9117930	SSF x LoA	-6,694	-0,154	0,275
CHR1	9117940	CHR1:9117940	SSF x LoA	-6,302	-0,186	0,273
CHR1	9117950	CHR1:9117950	SSF x LoA	-7,495	-0,161	0,270
CHR1	9122923	CHR1:9122923	SSF x LoA	-7,359	0,072	0,287
CHR1	9122954	CHR1:9122954	SSF x LoA	-9,362	-0,066	0,283
CHR1	9122965	CHR1:9122965	SSF x LoA	-7,242	0,085	0,288
CHR1	9133358	CHR1:9133358	SSF x LoA	-10,356	-0,041	0,271
CHR1	9133362	CHR1:9133362	SSF x LoA	-7,963	-0,085	0,290
CHR1	9133377	CHR1:9133377	SSF x LoA	-6,059	-0,048	0,273
CHR1	9133378	CHR1:9133378	SSF x LoA	-9,867	-0,080	0,271
CHR1	9133471	CHR1:9133471	SSF x LoA	0,208	-0,192	0,272
CHR1	9133531	CHR1:9133531	SSF x LoA	-11,032	-0,047	0,271
CHR1	9147680	CHR1:9147680	SSF x LoA	-10,252	-0,039	0,290
CHR1	9147743	CHR1:9147743	SSF x LoA	-10,612	-0,074	0,273
CHR1	9150687	CHR1:9150687	SSF x LoA	-9,016	0,047	0,304
CHR1	9158227	CHR1:9158227	SSF x LoA	-10,603	-0,059	0,299
CHR1	9158282	CHR1:9158282	SSF x LoA	-4,526	-0,036	0,290
CHR1	9158726	CHR1:9158726	SSF x LoA	-8,134	0,120	0,285
CHR1	9158740	CHR1:9158740	SSF x LoA	-7,621	-0,138	0,270
CHR1	9162783	CHR1:9162783	SSF x LoA	-9,366	0,009	0,283
CHR1	9162850	CHR1:9162850	SSF x LoA	-9,079	-0,039	0,285
CHR1	9162955	CHR1:9162955	SSF x LoA	-8,785	0,014	0,272
CHR1	9162961	CHR1:9162961	SSF x LoA	-7,323	0,133	0,284
CHR1	9174808	CHR1:9174808	SSF x LoA	-9,649	0,092	0,288
CHR1	9174968	CHR1:9174968	SSF x LoA	-10,940	-0,008	0,282
CHR1	9185478	CHR1:9185478	SSF x LoA	-7,235	0,022	0,286
CHR1	9185529	CHR1:9185529	SSF x LoA	-5,007	0,103	0,301
CHR1	9185611	CHR1:9185611	SSF x LoA	-9,526	-0,129	0,269
CHR1	9185712	CHR1:9185712	SSF x LoA	-8,277	0,124	0,266
CHR1	9205337	CHR1:9205337	SSF x LoA	-11,014	-0,057	0,293
CHR1	9212265	CHR1:9212265	SSF x LoA	-6,044	0,094	0,280
CHR1	9216605	CHR1:9216605	SSF x LoA	-2,944	-0,110	0,277
CHR1	9216696	CHR1:9216696	SSF x LoA	-9,371	0,082	0,284
CHR1	9225149	CHR1:9225149	SSF x LoA	-10,795	0,092	0,284
CHR1	9235875	CHR1:9235875	SSF x LoA	-8,170	-0,096	0,286

CHR1	9237284	CHR1:9237284	SSF x LoA	-8,711	0,061	0,288
CHR1	9237293	CHR1:9237293	SSF x LoA	-11,286	-0,032	0,286
CHR1	9237413	CHR1:9237413	SSF x LoA	-5,105	0,099	0,278
CHR1	9237415	CHR1:9237415	SSF x LoA	-6,551	-0,108	0,286
CHR1	9237422	CHR1:9237422	SSF x LoA	-10,119	0,082	0,280
CHR1	9237513	CHR1:9237513	SSF x LoA	-10,315	0,009	0,290
CHR1	9241148	CHR1:9241148	SSF x LoA	-8,601	0,133	0,290
CHR1	924839	CHR1:924839	SSF x LoA	-8,040	-0,182	0,271
CHR1	924933	CHR1:924933	SSF x LoA	-7,798	-0,112	0,278
CHR1	924996	CHR1:924996	SSF x LoA	-10,210	-0,012	0,291
CHR1	925031	CHR1:925031	SSF x LoA	-9,767	-0,086	0,287
CHR1	925192	CHR1:925192	SSF x LoA	-7,135	-0,101	0,292
CHR1	9260078	CHR1:9260078	SSF x LoA	-7,146	0,100	0,289
CHR1	9267777	CHR1:9267777	SSF x LoA	-6,667	-0,099	0,290
CHR1	9267824	CHR1:9267824	SSF x LoA	-5,743	0,092	0,291
CHR1	9267825	CHR1:9267825	SSF x LoA	-8,484	0,105	0,283
CHR1	9280176	CHR1:9280176	SSF x LoA	-8,013	0,011	0,282
CHR1	9280211	CHR1:9280211	SSF x LoA	-7,581	0,088	0,290
CHR1	9280231	CHR1:9280231	SSF x LoA	-8,421	0,087	0,297
CHR1	9284342	CHR1:9284342	SSF x LoA	-9,492	0,054	0,300
CHR1	9284346	CHR1:9284346	SSF x LoA	-11,648	0,046	0,287
CHR1	9290110	CHR1:9290110	SSF x LoA	-7,873	0,065	0,303
CHR1	9290180	CHR1:9290180	SSF x LoA	-8,635	-0,005	0,291
CHR1	9290218	CHR1:9290218	SSF x LoA	-8,591	0,048	0,304
CHR1	9290266	CHR1:9290266	SSF x LoA	-9,222	-0,052	0,294
CHR1	9290277	CHR1:9290277	SSF x LoA	-8,339	0,049	0,301
CHR1	9307627	CHR1:9307627	SSF x LoA	-7,154	0,123	0,285
CHR1	9307714	CHR1:9307714	SSF x LoA	-1,244	0,179	0,277
CHR1	9307733	CHR1:9307733	SSF x LoA	-10,062	0,096	0,290
CHR1	9307806	CHR1:9307806	SSF x LoA	-5,246	0,032	0,308
CHR1	9307823	CHR1:9307823	SSF x LoA	-7,999	0,119	0,282
CHR1	9307873	CHR1:9307873	SSF x LoA	-8,199	0,055	0,287
CHR1	9307903	CHR1:9307903	SSF x LoA	-6,166	-0,046	0,291
CHR1	9307917	CHR1:9307917	SSF x LoA	-9,987	0,054	0,271
CHR1	9307960	CHR1:9307960	SSF x LoA	-8,637	0,072	0,296
CHR1	9328716	CHR1:9328716	SSF x LoA	-6,831	-0,146	0,291
CHR1	9340616	CHR1:9340616	SSF x LoA	-8,627	0,177	0,280
CHR1	9340891	CHR1:9340891	SSF x LoA	-9,839	0,061	0,297
CHR1	9340912	CHR1:9340912	SSF x LoA	-8,623	-0,050	0,274
CHR1	9348029	CHR1:9348029	SSF x LoA	-5,443	-0,113	0,296
CHR1	9348227	CHR1:9348227	SSF x LoA	-8,535	-0,079	0,271
CHR1	9354203	CHR1:9354203	SSF x LoA	-9,685	-0,068	0,304
CHR1	9355894	CHR1:9355894	SSF x LoA	-8,441	-0,022	0,297
CHR1	9356029	CHR1:9356029	SSF x LoA	-5,886	0,174	0,275
CHR1	9356037	CHR1:9356037	SSF x LoA	-0,716	0,125	0,280
CHR1	9356063	CHR1:9356063	SSF x LoA	-5,371	0,226	0,273
CHR1	9371447	CHR1:9371447	SSF x LoA	-8,801	0,067	0,283
CHR1	9373205	CHR1:9373205	SSF x LoA	-8,444	-0,018	0,301
CHR1	9373255	CHR1:9373255	SSF x LoA	-9,462	0,033	0,290
CHR1	9373258	CHR1:9373258	SSF x LoA	-5,099	0,078	0,293
CHR1	9373272	CHR1:9373272	SSF x LoA	-7,823	0,094	0,287
CHR1	9377480	CHR1:9377480	SSF x LoA	-9,329	0,132	0,293
CHR1	9409295	CHR1:9409295	SSF x LoA	-10,818	0,010	0,276

CHR1	941061	CHR1:941061	SSF x LoA	-10,642	-0,073	0,290
CHR1	941087	CHR1:941087	SSF x LoA	-5,962	0,190	0,270
CHR1	941103	CHR1:941103	SSF x LoA	-7,508	0,123	0,284
CHR1	941114	CHR1:941114	SSF x LoA	0,073	0,111	0,296
CHR1	941138	CHR1:941138	SSF x LoA	-9,540	-0,045	0,306
CHR1	941143	CHR1:941143	SSF x LoA	-10,985	0,035	0,294
CHR1	941235	CHR1:941235	SSF x LoA	-11,133	0,071	0,300
CHR1	941302	CHR1:941302	SSF x LoA	-7,677	-0,203	0,270
CHR1	941362	CHR1:941362	SSF x LoA	-5,888	0,092	0,288
CHR1	941365	CHR1:941365	SSF x LoA	-10,274	-0,134	0,272
CHR1	941440	CHR1:941440	SSF x LoA	-7,629	-0,147	0,272
CHR1	9420204	CHR1:9420204	SSF x LoA	-11,275	0,040	0,290
CHR1	9476436	CHR1:9476436	SSF x LoA	-8,443	-0,115	0,284
CHR1	9476445	CHR1:9476445	SSF x LoA	-9,326	-0,083	0,289
CHR1	9488389	CHR1:9488389	SSF x LoA	-8,009	-0,058	0,285
CHR1	9488438	CHR1:9488438	SSF x LoA	-6,539	0,121	0,294
CHR1	9488457	CHR1:9488457	SSF x LoA	-5,809	0,025	0,292
CHR1	9488480	CHR1:9488480	SSF x LoA	-7,952	0,091	0,294
CHR1	9488495	CHR1:9488495	SSF x LoA	-7,851	-0,065	0,293
CHR1	9488507	CHR1:9488507	SSF x LoA	-7,777	0,010	0,289
CHR1	9488511	CHR1:9488511	SSF x LoA	-11,271	-0,069	0,286
CHR1	9488519	CHR1:9488519	SSF x LoA	-6,668	0,045	0,290
CHR1	9490702	CHR1:9490702	SSF x LoA	-9,651	0,028	0,306
CHR1	9490950	CHR1:9490950	SSF x LoA	-9,547	-0,082	0,290
CHR1	9507940	CHR1:9507940	SSF x LoA	-8,628	-0,138	0,284
CHR1	9507967	CHR1:9507967	SSF x LoA	-8,983	-0,021	0,306
CHR1	9508011	CHR1:9508011	SSF x LoA	-10,540	-0,021	0,288
CHR1	9508026	CHR1:9508026	SSF x LoA	-6,232	0,051	0,297
CHR1	9508157	CHR1:9508157	SSF x LoA	-7,330	-0,029	0,293
CHR1	9519746	CHR1:9519746	SSF x LoA	-8,436	-0,044	0,301
CHR1	9519763	CHR1:9519763	SSF x LoA	-8,492	0,026	0,290
CHR1	9519767	CHR1:9519767	SSF x LoA	-11,133	-0,058	0,285
CHR1	9519786	CHR1:9519786	SSF x LoA	-9,186	0,064	0,274
CHR1	9519854	CHR1:9519854	SSF x LoA	-7,806	-0,149	0,282
CHR1	9520000	CHR1:9520000	SSF x LoA	-9,337	-0,025	0,290
CHR1	9522348	CHR1:9522348	SSF x LoA	-10,259	0,068	0,294
CHR1	9522464	CHR1:9522464	SSF x LoA	-8,396	0,045	0,290
CHR1	9528151	CHR1:9528151	SSF x LoA	-6,750	0,031	0,301
CHR1	9528339	CHR1:9528339	SSF x LoA	-6,394	0,057	0,298
CHR1	9528417	CHR1:9528417	SSF x LoA	-8,761	0,070	0,282
CHR1	9528462	CHR1:9528462	SSF x LoA	-8,741	0,085	0,287
CHR1	9528464	CHR1:9528464	SSF x LoA	-9,194	-0,017	0,297
CHR1	9528490	CHR1:9528490	SSF x LoA	-8,312	-0,103	0,287
CHR1	9528526	CHR1:9528526	SSF x LoA	-6,790	0,096	0,301
CHR1	9539625	CHR1:9539625	SSF x LoA	-9,203	0,034	0,282
CHR1	9543052	CHR1:9543052	SSF x LoA	-9,634	0,022	0,303
CHR1	9543055	CHR1:9543055	SSF x LoA	-10,990	0,029	0,279
CHR1	9543057	CHR1:9543057	SSF x LoA	-8,501	-0,091	0,293
CHR1	9543143	CHR1:9543143	SSF x LoA	-7,262	0,141	0,293
CHR1	9543211	CHR1:9543211	SSF x LoA	-9,921	-0,074	0,283
CHR1	955670	CHR1:955670	SSF x LoA	-7,892	-0,092	0,301
CHR1	955734	CHR1:955734	SSF x LoA	-7,272	-0,082	0,290
CHR1	9557373	CHR1:9557373	SSF x LoA	-9,429	0,012	0,268

CHR1	956040	CHR1:956040	SSF x LoA	-10,296	-0,037	0,281
CHR1	956055	CHR1:956055	SSF x LoA	-8,734	-0,029	0,284
CHR1	956068	CHR1:956068	SSF x LoA	-9,229	0,014	0,278
CHR1	9571160	CHR1:9571160	SSF x LoA	-8,901	0,049	0,288
CHR1	9626386	CHR1:9626386	SSF x LoA	-7,211	0,016	0,285
CHR1	9640679	CHR1:9640679	SSF x LoA	-6,641	0,120	0,290
CHR1	9669189	CHR1:9669189	SSF x LoA	-8,490	0,045	0,287
CHR1	9672946	CHR1:9672946	SSF x LoA	-7,696	-0,048	0,292
CHR1	9672961	CHR1:9672961	SSF x LoA	-7,952	-0,004	0,303
CHR1	9672989	CHR1:9672989	SSF x LoA	-11,491	0,033	0,281
CHR1	9672992	CHR1:9672992	SSF x LoA	-10,911	-0,006	0,293
CHR1	9673005	CHR1:9673005	SSF x LoA	-9,436	-0,050	0,288
CHR1	9673010	CHR1:9673010	SSF x LoA	-9,313	0,070	0,275
CHR1	9673038	CHR1:9673038	SSF x LoA	-7,759	-0,023	0,277
CHR1	9673086	CHR1:9673086	SSF x LoA	-8,805	0,099	0,296
CHR1	9690196	CHR1:9690196	SSF x LoA	-10,354	0,048	0,287
CHR1	9696284	CHR1:9696284	SSF x LoA	-9,037	-0,003	0,285
CHR1	9698856	CHR1:9698856	SSF x LoA	-9,865	0,053	0,279
CHR1	9698885	CHR1:9698885	SSF x LoA	-9,295	0,046	0,300
CHR1	9698899	CHR1:9698899	SSF x LoA	-6,532	-0,184	0,282
CHR1	9708003	CHR1:9708003	SSF x LoA	-7,131	-0,075	0,297
CHR1	9708152	CHR1:9708152	SSF x LoA	-6,488	0,151	0,285
CHR1	9708301	CHR1:9708301	SSF x LoA	-8,278	0,018	0,291
CHR1	9725976	CHR1:9725976	SSF x LoA	-7,734	0,063	0,295
CHR1	9725978	CHR1:9725978	SSF x LoA	-9,540	0,049	0,287
CHR1	9725990	CHR1:9725990	SSF x LoA	-9,968	0,049	0,276
CHR1	9726018	CHR1:9726018	SSF x LoA	-4,207	0,212	0,271
CHR1	9726042	CHR1:9726042	SSF x LoA	-6,311	0,155	0,291
CHR1	9730084	CHR1:9730084	SSF x LoA	-9,359	-0,112	0,283
CHR1	9730199	CHR1:9730199	SSF x LoA	-10,138	-0,034	0,294
CHR1	9756438	CHR1:9756438	SSF x LoA	-8,899	0,069	0,294
CHR1	9756638	CHR1:9756638	SSF x LoA	-10,106	0,002	0,282
CHR1	9776527	CHR1:9776527	SSF x LoA	-4,816	-0,147	0,305
CHR1	9776531	CHR1:9776531	SSF x LoA	-3,224	-0,114	0,281
CHR1	9776546	CHR1:9776546	SSF x LoA	-10,898	0,094	0,279
CHR1	9776567	CHR1:9776567	SSF x LoA	-6,959	-0,098	0,290
CHR1	9776610	CHR1:9776610	SSF x LoA	-6,909	-0,111	0,288
CHR1	9780754	CHR1:9780754	SSF x LoA	-7,978	-0,033	0,308
CHR1	9780787	CHR1:9780787	SSF x LoA	-9,943	-0,035	0,281
CHR1	9780943	CHR1:9780943	SSF x LoA	-9,683	-0,114	0,286
CHR1	9795779	CHR1:9795779	SSF x LoA	-9,127	-0,001	0,277
CHR1	9795823	CHR1:9795823	SSF x LoA	-9,191	-0,055	0,300
CHR1	9795840	CHR1:9795840	SSF x LoA	-7,354	0,086	0,288
CHR1	9795851	CHR1:9795851	SSF x LoA	-7,915	0,074	0,295
CHR1	9797281	CHR1:9797281	SSF x LoA	-7,641	-0,173	0,276
CHR1	9797298	CHR1:9797298	SSF x LoA	-11,181	-0,014	0,292
CHR1	9798433	CHR1:9798433	SSF x LoA	-8,176	0,006	0,295
CHR1	9823260	CHR1:9823260	SSF x LoA	-9,285	-0,087	0,280
CHR1	9823270	CHR1:9823270	SSF x LoA	-9,815	-0,032	0,284
CHR1	9823348	CHR1:9823348	SSF x LoA	-4,390	0,060	0,282
CHR1	9828992	CHR1:9828992	SSF x LoA	-10,017	-0,061	0,286
CHR1	9829003	CHR1:9829003	SSF x LoA	-8,829	-0,118	0,275
CHR1	9867794	CHR1:9867794	SSF x LoA	-9,064	0,070	0,291

CHR1	9867815	CHR1:9867815	SSF x LoA	-6,284	-0,074	0,280
CHR1	9867863	CHR1:9867863	SSF x LoA	-9,629	0,032	0,281
CHR1	9867896	CHR1:9867896	SSF x LoA	-10,902	0,000	0,292
CHR1	9867900	CHR1:9867900	SSF x LoA	-10,147	-0,029	0,284
CHR1	9867949	CHR1:9867949	SSF x LoA	-10,111	-0,014	0,285
CHR1	9874740	CHR1:9874740	SSF x LoA	-7,849	-0,037	0,280
CHR1	9874750	CHR1:9874750	SSF x LoA	-7,751	0,016	0,278
CHR1	9874761	CHR1:9874761	SSF x LoA	-9,088	-0,020	0,300
CHR1	9874767	CHR1:9874767	SSF x LoA	-6,887	-0,033	0,285
CHR1	9874788	CHR1:9874788	SSF x LoA	-9,671	0,069	0,294
CHR1	9879311	CHR1:9879311	SSF x LoA	-8,133	0,049	0,290
CHR1	991189	CHR1:991189	SSF x LoA	-4,263	-0,122	0,289
CHR1	9919507	CHR1:9919507	SSF x LoA	-6,142	-0,042	0,282
CHR1	9919565	CHR1:9919565	SSF x LoA	-9,052	0,051	0,269
CHR1	9919660	CHR1:9919660	SSF x LoA	-6,863	-0,179	0,268
CHR1	9919663	CHR1:9919663	SSF x LoA	-6,811	0,107	0,269
CHR1	9919671	CHR1:9919671	SSF x LoA	-7,888	-0,160	0,276
CHR1	9919767	CHR1:9919767	SSF x LoA	-7,205	-0,022	0,302
CHR1	9924723	CHR1:9924723	SSF x LoA	-7,052	0,101	0,294
CHR1	9924737	CHR1:9924737	SSF x LoA	-10,732	0,080	0,288
CHR1	9924760	CHR1:9924760	SSF x LoA	-6,813	0,117	0,292
CHR1	9924842	CHR1:9924842	SSF x LoA	-8,548	0,091	0,296
CHR1	9924848	CHR1:9924848	SSF x LoA	-10,702	-0,007	0,280
CHR1	9924863	CHR1:9924863	SSF x LoA	-6,022	0,120	0,287
CHR1	9924887	CHR1:9924887	SSF x LoA	-10,075	-0,037	0,286
CHR1	9948113	CHR1:9948113	SSF x LoA	-7,788	-0,097	0,295
CHR1	9960397	CHR1:9960397	SSF x LoA	-9,111	0,090	0,281
CHR1	9960406	CHR1:9960406	SSF x LoA	-7,945	-0,122	0,292
CHR1	9960499	CHR1:9960499	SSF x LoA	-8,355	-0,058	0,276
CHR1	9960527	CHR1:9960527	SSF x LoA	-10,972	-0,012	0,298
CHR1	9975523	CHR1:9975523	SSF x LoA	-11,451	-0,037	0,292
CHR1	9975556	CHR1:9975556	SSF x LoA	-9,291	0,052	0,282
CHR1	9980347	CHR1:9980347	SSF x LoA	-7,422	-0,050	0,288
CHR1	9980377	CHR1:9980377	SSF x LoA	-3,293	-0,213	0,275
CHR1	9991876	CHR1:9991876	SSF x LoA	-5,514	-0,086	0,284
CHR1	9991889	CHR1:9991889	SSF x LoA	-10,206	-0,070	0,289
CHR1	9991923	CHR1:9991923	SSF x LoA	-5,966	0,097	0,288
CHR1	9992098	CHR1:9992098	SSF x LoA	-10,005	-0,003	0,297
CHR1	9993162	CHR1:9993162	SSF x LoA	-9,185	-0,042	0,287
CHR1	9993300	CHR1:9993300	SSF x LoA	-6,983	0,110	0,282
CHR2	1E+07	CHR2:10084278	SSF x LoA	-8,158	0,059	0,300
CHR2	1E+07	CHR2:10108939	SSF x LoA	-10,743	-0,001	0,281
CHR2	1E+07	CHR2:10110794	SSF x LoA	-7,275	0,173	0,289
CHR2	1E+07	CHR2:10116068	SSF x LoA	-5,964	-0,047	0,296
CHR2	1E+07	CHR2:10116094	SSF x LoA	-8,584	-0,056	0,296
CHR2	1E+07	CHR2:10116280	SSF x LoA	-9,345	0,088	0,286
CHR2	1E+07	CHR2:10118345	SSF x LoA	-10,302	-0,073	0,289
CHR2	1012026	CHR2:1012026	SSF x LoA	-9,435	0,056	0,277
CHR2	1012153	CHR2:1012153	SSF x LoA	-10,443	0,047	0,294
CHR2	1012180	CHR2:1012180	SSF x LoA	-9,473	0,029	0,296
CHR2	1E+07	CHR2:10122079	SSF x LoA	-9,573	-0,099	0,275
CHR2	1E+07	CHR2:10122127	SSF x LoA	-9,204	0,060	0,302
CHR2	1E+07	CHR2:10122268	SSF x LoA	-9,017	-0,109	0,285

CHR2	1E+07	CHR2:10122315	SSF x LoA	-8,283	0,088	0,286
CHR2	1E+07	CHR2:10122334	SSF x LoA	-7,797	0,022	0,282
CHR2	1E+07	CHR2:10122395	SSF x LoA	-9,237	0,019	0,288
CHR2	1E+07	CHR2:10131562	SSF x LoA	-9,087	-0,114	0,281
CHR2	1E+07	CHR2:10131596	SSF x LoA	-8,864	-0,093	0,291
CHR2	1E+07	CHR2:10131640	SSF x LoA	-8,748	-0,107	0,289
CHR2	1E+07	CHR2:10131926	SSF x LoA	-8,822	-0,162	0,285
CHR2	1E+07	CHR2:10136329	SSF x LoA	-8,606	0,140	0,295
CHR2	1E+07	CHR2:10136627	SSF x LoA	-9,110	0,083	0,296
CHR2	1013866	CHR2:1013866	SSF x LoA	-7,113	-0,020	0,299
CHR2	1013883	CHR2:1013883	SSF x LoA	-6,351	0,095	0,285
CHR2	1E+07	CHR2:10139408	SSF x LoA	-9,891	0,033	0,279
CHR2	1013941	CHR2:1013941	SSF x LoA	-8,242	0,069	0,289
CHR2	1013947	CHR2:1013947	SSF x LoA	-9,003	0,077	0,279
CHR2	1E+07	CHR2:10139554	SSF x LoA	-10,352	0,081	0,284
CHR2	1E+07	CHR2:10139750	SSF x LoA	-8,208	0,050	0,292
CHR2	1E+07	CHR2:10153656	SSF x LoA	-11,210	0,029	0,279
CHR2	1E+07	CHR2:10153816	SSF x LoA	-11,185	-0,020	0,289
CHR2	1E+07	CHR2:10153859	SSF x LoA	-8,905	-0,072	0,293
CHR2	1015630	CHR2:1015630	SSF x LoA	-8,214	-0,136	0,284
CHR2	1015678	CHR2:1015678	SSF x LoA	-7,278	0,147	0,271
CHR2	1015733	CHR2:1015733	SSF x LoA	-4,053	0,220	0,283
CHR2	1015752	CHR2:1015752	SSF x LoA	-8,127	-0,136	0,298
CHR2	1015758	CHR2:1015758	SSF x LoA	-10,591	0,022	0,287
CHR2	1015765	CHR2:1015765	SSF x LoA	-8,361	-0,136	0,282
CHR2	1E+07	CHR2:10178794	SSF x LoA	-6,751	-0,155	0,280
CHR2	1E+07	CHR2:10178877	SSF x LoA	-9,055	-0,121	0,287
CHR2	1E+07	CHR2:10178892	SSF x LoA	-9,935	-0,063	0,286
CHR2	1E+07	CHR2:10178925	SSF x LoA	-5,856	-0,132	0,280
CHR2	1E+07	CHR2:10188558	SSF x LoA	-11,562	-0,031	0,291
CHR2	1E+07	CHR2:10188561	SSF x LoA	-8,227	0,077	0,298
CHR2	1E+07	CHR2:10188603	SSF x LoA	-8,154	0,114	0,285
CHR2	1E+07	CHR2:10190047	SSF x LoA	-8,557	0,087	0,277
CHR2	1E+07	CHR2:10190069	SSF x LoA	-9,363	0,051	0,296
CHR2	1E+07	CHR2:10190141	SSF x LoA	-5,059	-0,078	0,298
CHR2	1E+07	CHR2:10190151	SSF x LoA	-7,915	-0,045	0,284
CHR2	1E+07	CHR2:10190164	SSF x LoA	-8,058	-0,080	0,294
CHR2	1E+07	CHR2:10190200	SSF x LoA	-7,787	0,103	0,290
CHR2	1E+07	CHR2:10190226	SSF x LoA	-4,301	0,052	0,288
CHR2	1E+07	CHR2:10190241	SSF x LoA	-7,861	-0,008	0,299
CHR2	1E+07	CHR2:10190243	SSF x LoA	-9,691	-0,098	0,276
CHR2	1E+07	CHR2:10190257	SSF x LoA	-7,711	0,013	0,294
CHR2	1E+07	CHR2:10190296	SSF x LoA	-8,708	-0,090	0,288
CHR2	1E+07	CHR2:10195011	SSF x LoA	-9,911	-0,048	0,278
CHR2	1E+07	CHR2:10195033	SSF x LoA	-9,074	0,004	0,282
CHR2	1E+07	CHR2:10195037	SSF x LoA	-10,931	-0,030	0,284
CHR2	1E+07	CHR2:10195045	SSF x LoA	-6,725	0,075	0,291
CHR2	1E+07	CHR2:10195230	SSF x LoA	-9,835	-0,085	0,293
CHR2	1E+07	CHR2:10205272	SSF x LoA	-8,492	-0,051	0,290
CHR2	1E+07	CHR2:10205414	SSF x LoA	-8,120	-0,086	0,264
CHR2	1E+07	CHR2:10205422	SSF x LoA	-7,934	-0,051	0,274
CHR2	1E+07	CHR2:10210002	SSF x LoA	-8,505	0,104	0,282
CHR2	1E+07	CHR2:10210004	SSF x LoA	-8,758	-0,045	0,289

CHR2	1E+07	CHR2:10213122	SSF x LoA	-11,188	-0,047	0,308
CHR2	1E+07	CHR2:10213339	SSF x LoA	-10,400	-0,033	0,295
CHR2	1E+07	CHR2:10217098	SSF x LoA	-9,521	-0,079	0,288
CHR2	1E+07	CHR2:10217120	SSF x LoA	-9,011	-0,001	0,300
CHR2	1E+07	CHR2:10219887	SSF x LoA	-6,830	-0,133	0,288
CHR2	1E+07	CHR2:10219954	SSF x LoA	-3,876	0,157	0,274
CHR2	1E+07	CHR2:10219998	SSF x LoA	-6,328	-0,107	0,287
CHR2	1E+07	CHR2:10226260	SSF x LoA	-8,878	-0,024	0,290
CHR2	1E+07	CHR2:10226272	SSF x LoA	-7,383	-0,014	0,289
CHR2	1E+07	CHR2:10226357	SSF x LoA	-7,777	-0,114	0,291
CHR2	1E+07	CHR2:10226393	SSF x LoA	-8,975	0,011	0,279
CHR2	1E+07	CHR2:10226431	SSF x LoA	-8,709	0,093	0,285
CHR2	1E+07	CHR2:10228300	SSF x LoA	-8,103	-0,004	0,296
CHR2	1E+07	CHR2:10230372	SSF x LoA	-10,224	0,005	0,288
CHR2	1E+07	CHR2:10230417	SSF x LoA	-8,687	-0,110	0,289
CHR2	1E+07	CHR2:10230421	SSF x LoA	-9,652	-0,090	0,286
CHR2	1E+07	CHR2:10230440	SSF x LoA	-5,448	-0,183	0,275
CHR2	1E+07	CHR2:10230459	SSF x LoA	-9,105	-0,062	0,296
CHR2	1E+07	CHR2:10230525	SSF x LoA	-1,514	0,091	0,309
CHR2	1E+07	CHR2:10230531	SSF x LoA	-8,689	0,081	0,287
CHR2	1E+07	CHR2:10230539	SSF x LoA	-7,751	0,084	0,297
CHR2	1E+07	CHR2:10237109	SSF x LoA	-4,214	0,044	0,287
CHR2	1E+07	CHR2:10244199	SSF x LoA	-9,652	-0,077	0,295
CHR2	1E+07	CHR2:10244394	SSF x LoA	-9,907	0,026	0,300
CHR2	1E+07	CHR2:10244442	SSF x LoA	-11,163	-0,046	0,282
CHR2	1E+07	CHR2:10249911	SSF x LoA	-9,223	-0,036	0,292
CHR2	1E+07	CHR2:10249917	SSF x LoA	-7,563	0,204	0,281
CHR2	1E+07	CHR2:10250035	SSF x LoA	-8,587	0,002	0,297
CHR2	1E+07	CHR2:10250086	SSF x LoA	-8,967	-0,080	0,304
CHR2	1E+07	CHR2:10278083	SSF x LoA	-10,005	-0,068	0,273
CHR2	1E+07	CHR2:10282179	SSF x LoA	-4,985	-0,187	0,287
CHR2	1E+07	CHR2:10282193	SSF x LoA	-8,880	0,049	0,268
CHR2	1E+07	CHR2:10282248	SSF x LoA	-10,040	0,026	0,279
CHR2	1E+07	CHR2:10285900	SSF x LoA	-9,207	0,101	0,299
CHR2	1E+07	CHR2:10287542	SSF x LoA	-6,712	-0,112	0,290
CHR2	1E+07	CHR2:10287557	SSF x LoA	-4,298	-0,119	0,297
CHR2	1E+07	CHR2:10287608	SSF x LoA	-9,221	0,127	0,287
CHR2	1E+07	CHR2:10288705	SSF x LoA	2,280	0,095	0,275
CHR2	1E+07	CHR2:10288724	SSF x LoA	-8,820	0,090	0,271
CHR2	1E+07	CHR2:10288736	SSF x LoA	-7,992	0,098	0,268
CHR2	1E+07	CHR2:10288940	SSF x LoA	-10,488	0,043	0,303
CHR2	1E+07	CHR2:10288970	SSF x LoA	-8,234	-0,078	0,278
CHR2	1E+07	CHR2:10288990	SSF x LoA	-4,604	0,162	0,300
CHR2	1E+07	CHR2:10289026	SSF x LoA	-9,162	0,040	0,293
CHR2	1E+07	CHR2:10289041	SSF x LoA	-3,156	0,147	0,282
CHR2	1E+07	CHR2:10294859	SSF x LoA	-4,799	0,224	0,284
CHR2	1E+07	CHR2:10295727	SSF x LoA	-6,356	0,079	0,293
CHR2	1E+07	CHR2:10312995	SSF x LoA	-7,986	-0,032	0,290
CHR2	1E+07	CHR2:10434136	SSF x LoA	-10,989	-0,027	0,279
CHR2	1E+07	CHR2:10434371	SSF x LoA	-8,584	-0,026	0,280
CHR2	1E+07	CHR2:10445320	SSF x LoA	-7,987	-0,046	0,305
CHR2	1E+07	CHR2:10452186	SSF x LoA	-9,643	0,017	0,290
CHR2	1E+07	CHR2:10453030	SSF x LoA	-8,393	-0,093	0,286

CHR2	1E+07	CHR2:10453070	SSF x LoA	-8,006	-0,061	0,285
CHR2	1E+07	CHR2:10454815	SSF x LoA	-6,690	0,063	0,287
CHR2	1E+07	CHR2:10455181	SSF x LoA	-7,342	0,140	0,294
CHR2	1E+07	CHR2:10455186	SSF x LoA	-7,528	0,154	0,289
CHR2	1E+07	CHR2:10463423	SSF x LoA	-9,914	-0,012	0,301
CHR2	1E+07	CHR2:10463453	SSF x LoA	-5,577	0,166	0,298
CHR2	10516389	CHR2:10516389	SSF x LoA	-4,337	0,216	0,281
CHR2	10516414	CHR2:10516414	SSF x LoA	-5,901	0,116	0,278
CHR2	10516507	CHR2:10516507	SSF x LoA	-6,995	0,051	0,279
CHR2	10538364	CHR2:10538364	SSF x LoA	-7,381	0,111	0,288
CHR2	1054449	CHR2:1054449	SSF x LoA	-8,988	-0,082	0,287
CHR2	10553663	CHR2:10553663	SSF x LoA	-8,583	0,033	0,290
CHR2	10553729	CHR2:10553729	SSF x LoA	-7,526	0,023	0,312
CHR2	10553760	CHR2:10553760	SSF x LoA	4,239	0,080	0,296
CHR2	10578390	CHR2:10578390	SSF x LoA	-7,903	0,019	0,303
CHR2	10583633	CHR2:10583633	SSF x LoA	-8,074	-0,022	0,285
CHR2	10583727	CHR2:10583727	SSF x LoA	-9,321	0,047	0,293
CHR2	10585381	CHR2:10585381	SSF x LoA	-8,660	-0,020	0,294
CHR2	10585981	CHR2:10585981	SSF x LoA	-10,493	-0,125	0,284
CHR2	10585992	CHR2:10585992	SSF x LoA	-8,202	-0,091	0,290
CHR2	10586047	CHR2:10586047	SSF x LoA	-6,943	0,048	0,287
CHR2	10586067	CHR2:10586067	SSF x LoA	-7,549	0,095	0,273
CHR2	10586073	CHR2:10586073	SSF x LoA	-8,462	0,032	0,267
CHR2	10612746	CHR2:10612746	SSF x LoA	-8,822	0,057	0,315
CHR2	10612828	CHR2:10612828	SSF x LoA	-7,815	-0,070	0,295
CHR2	10612854	CHR2:10612854	SSF x LoA	-10,607	-0,050	0,280
CHR2	10612864	CHR2:10612864	SSF x LoA	-11,742	-0,078	0,280
CHR2	10613072	CHR2:10613072	SSF x LoA	-9,050	0,128	0,286
CHR2	10613095	CHR2:10613095	SSF x LoA	-8,449	0,048	0,295
CHR2	10620927	CHR2:10620927	SSF x LoA	-8,416	-0,077	0,272
CHR2	10621118	CHR2:10621118	SSF x LoA	-8,231	0,071	0,272
CHR2	10621168	CHR2:10621168	SSF x LoA	-8,325	0,093	0,282
CHR2	10621991	CHR2:10621991	SSF x LoA	2,262	-0,144	0,290
CHR2	10634541	CHR2:10634541	SSF x LoA	-10,606	0,011	0,284
CHR2	10634611	CHR2:10634611	SSF x LoA	-11,353	-0,007	0,299
CHR2	10634616	CHR2:10634616	SSF x LoA	-8,975	-0,075	0,286
CHR2	10634787	CHR2:10634787	SSF x LoA	-10,672	0,060	0,299
CHR2	10635026	CHR2:10635026	SSF x LoA	-8,141	-0,063	0,290
CHR2	10638546	CHR2:10638546	SSF x LoA	-8,575	-0,056	0,279
CHR2	10638549	CHR2:10638549	SSF x LoA	-7,194	0,124	0,303
CHR2	10638639	CHR2:10638639	SSF x LoA	-9,380	-0,085	0,289
CHR2	10638641	CHR2:10638641	SSF x LoA	-7,139	0,086	0,299
CHR2	10638669	CHR2:10638669	SSF x LoA	-10,159	0,013	0,278
CHR2	10638692	CHR2:10638692	SSF x LoA	-8,974	-0,039	0,288
CHR2	10638754	CHR2:10638754	SSF x LoA	-7,363	0,111	0,295
CHR2	10638818	CHR2:10638818	SSF x LoA	-1,763	-0,199	0,273
CHR2	10638821	CHR2:10638821	SSF x LoA	-9,386	-0,010	0,286
CHR2	10638840	CHR2:10638840	SSF x LoA	-7,671	-0,111	0,289
CHR2	10638844	CHR2:10638844	SSF x LoA	-4,465	-0,199	0,274
CHR2	10658085	CHR2:10658085	SSF x LoA	-10,598	0,009	0,280
CHR2	10658118	CHR2:10658118	SSF x LoA	-8,739	-0,008	0,292
CHR2	10658127	CHR2:10658127	SSF x LoA	-2,548	-0,094	0,290
CHR2	10671055	CHR2:10671055	SSF x LoA	-8,726	-0,110	0,289

CHR2	10683276	CHR2:10683276	SSF x LoA	-8,679	-0,091	0,293
CHR2	10683482	CHR2:10683482	SSF x LoA	-7,509	-0,004	0,289
CHR2	10683585	CHR2:10683585	SSF x LoA	-9,125	-0,049	0,290
CHR2	10705055	CHR2:10705055	SSF x LoA	-8,838	0,045	0,286
CHR2	10708458	CHR2:10708458	SSF x LoA	-9,223	-0,149	0,287
CHR2	10708509	CHR2:10708509	SSF x LoA	-9,077	-0,090	0,291
CHR2	10708595	CHR2:10708595	SSF x LoA	-11,537	0,056	0,278
CHR2	10708691	CHR2:10708691	SSF x LoA	-9,394	0,017	0,301
CHR2	10719844	CHR2:10719844	SSF x LoA	-9,669	0,110	0,268
CHR2	10727868	CHR2:10727868	SSF x LoA	-11,439	0,016	0,285
CHR2	10728286	CHR2:10728286	SSF x LoA	-8,290	-0,020	0,287
CHR2	10756431	CHR2:10756431	SSF x LoA	-8,845	0,009	0,277
CHR2	10756483	CHR2:10756483	SSF x LoA	-8,219	0,064	0,295
CHR2	10756484	CHR2:10756484	SSF x LoA	-7,961	0,002	0,291
CHR2	10756597	CHR2:10756597	SSF x LoA	-8,962	-0,058	0,293
CHR2	10756712	CHR2:10756712	SSF x LoA	-10,720	-0,101	0,274
CHR2	10756735	CHR2:10756735	SSF x LoA	-5,276	-0,116	0,312
CHR2	10756768	CHR2:10756768	SSF x LoA	-8,801	-0,103	0,299
CHR2	10756770	CHR2:10756770	SSF x LoA	-8,897	0,000	0,286
CHR2	10756823	CHR2:10756823	SSF x LoA	-8,872	-0,067	0,281
CHR2	1076685	CHR2:1076685	SSF x LoA	-7,155	0,018	0,301
CHR2	10771503	CHR2:10771503	SSF x LoA	-8,230	0,000	0,288
CHR2	10771517	CHR2:10771517	SSF x LoA	-7,672	0,033	0,304
CHR2	10771527	CHR2:10771527	SSF x LoA	-9,846	-0,018	0,295
CHR2	10771546	CHR2:10771546	SSF x LoA	-8,005	-0,038	0,286
CHR2	10771548	CHR2:10771548	SSF x LoA	-7,094	-0,079	0,289
CHR2	10771570	CHR2:10771570	SSF x LoA	-9,297	-0,051	0,285
CHR2	10771572	CHR2:10771572	SSF x LoA	-8,585	-0,088	0,277
CHR2	10771594	CHR2:10771594	SSF x LoA	-9,942	-0,041	0,298
CHR2	10771619	CHR2:10771619	SSF x LoA	-9,677	0,050	0,296
CHR2	10771637	CHR2:10771637	SSF x LoA	-9,968	0,022	0,292
CHR2	10776833	CHR2:10776833	SSF x LoA	-7,330	-0,172	0,272
CHR2	10776963	CHR2:10776963	SSF x LoA	-6,010	-0,106	0,290
CHR2	10777014	CHR2:10777014	SSF x LoA	-8,662	0,042	0,289
CHR2	10777033	CHR2:10777033	SSF x LoA	-3,911	0,106	0,293
CHR2	1078531	CHR2:1078531	SSF x LoA	-6,193	0,179	0,277
CHR2	10785630	CHR2:10785630	SSF x LoA	-7,188	0,126	0,300
CHR2	10785640	CHR2:10785640	SSF x LoA	-8,653	-0,067	0,276
CHR2	10785642	CHR2:10785642	SSF x LoA	-6,370	0,027	0,283
CHR2	10786462	CHR2:10786462	SSF x LoA	-8,914	-0,073	0,290
CHR2	10786501	CHR2:10786501	SSF x LoA	-9,914	0,019	0,275
CHR2	1078680	CHR2:1078680	SSF x LoA	-6,055	0,156	0,285
CHR2	1078683	CHR2:1078683	SSF x LoA	-6,918	0,142	0,283
CHR2	1078686	CHR2:1078686	SSF x LoA	-7,468	0,153	0,288
CHR2	1078718	CHR2:1078718	SSF x LoA	-7,539	-0,095	0,269
CHR2	1078728	CHR2:1078728	SSF x LoA	-7,861	0,057	0,297
CHR2	1078733	CHR2:1078733	SSF x LoA	-10,140	-0,004	0,272
CHR2	1078753	CHR2:1078753	SSF x LoA	-10,739	0,005	0,275
CHR2	1078762	CHR2:1078762	SSF x LoA	-9,910	0,002	0,277
CHR2	10793621	CHR2:10793621	SSF x LoA	-8,416	-0,155	0,283
CHR2	10808067	CHR2:10808067	SSF x LoA	-7,868	0,117	0,284
CHR2	10808169	CHR2:10808169	SSF x LoA	-9,156	-0,012	0,264
CHR2	10808234	CHR2:10808234	SSF x LoA	-9,372	-0,008	0,300

CHR2	10811790	CHR2:10811790	SSF x LoA	-6,794	0,063	0,280
CHR2	10811948	CHR2:10811948	SSF x LoA	-8,833	-0,073	0,277
CHR2	10812026	CHR2:10812026	SSF x LoA	-8,216	0,026	0,285
CHR2	10812048	CHR2:10812048	SSF x LoA	-10,375	0,052	0,288
CHR2	10832089	CHR2:10832089	SSF x LoA	-10,294	0,020	0,286
CHR2	10832123	CHR2:10832123	SSF x LoA	-2,563	-0,078	0,287
CHR2	10832191	CHR2:10832191	SSF x LoA	-7,423	-0,103	0,302
CHR2	10844291	CHR2:10844291	SSF x LoA	-7,949	0,070	0,272
CHR2	10844361	CHR2:10844361	SSF x LoA	-9,531	0,044	0,298
CHR2	10844391	CHR2:10844391	SSF x LoA	-8,670	0,156	0,278
CHR2	10844404	CHR2:10844404	SSF x LoA	-9,720	-0,017	0,296
CHR2	10849790	CHR2:10849790	SSF x LoA	-7,701	0,032	0,295
CHR2	10849799	CHR2:10849799	SSF x LoA	-8,401	0,024	0,292
CHR2	10849940	CHR2:10849940	SSF x LoA	-8,154	-0,048	0,292
CHR2	1085695	CHR2:1085695	SSF x LoA	-8,849	0,010	0,298
CHR2	10858983	CHR2:10858983	SSF x LoA	-11,374	-0,028	0,291
CHR2	10858991	CHR2:10858991	SSF x LoA	-8,430	0,097	0,300
CHR2	10859004	CHR2:10859004	SSF x LoA	-9,391	0,019	0,290
CHR2	10859033	CHR2:10859033	SSF x LoA	-7,234	-0,121	0,290
CHR2	10860011	CHR2:10860011	SSF x LoA	-8,889	-0,019	0,291
CHR2	10860157	CHR2:10860157	SSF x LoA	-8,065	0,092	0,289
CHR2	10860164	CHR2:10860164	SSF x LoA	-7,899	0,144	0,275
CHR2	10860194	CHR2:10860194	SSF x LoA	-10,507	-0,011	0,286
CHR2	10860211	CHR2:10860211	SSF x LoA	-5,235	-0,203	0,285
CHR2	10867016	CHR2:10867016	SSF x LoA	-10,238	-0,090	0,291
CHR2	10867025	CHR2:10867025	SSF x LoA	-8,181	-0,069	0,278
CHR2	10867027	CHR2:10867027	SSF x LoA	-8,728	-0,087	0,282
CHR2	10867141	CHR2:10867141	SSF x LoA	-6,792	0,033	0,288
CHR2	10870202	CHR2:10870202	SSF x LoA	-9,836	0,062	0,276
CHR2	10870287	CHR2:10870287	SSF x LoA	-8,442	0,032	0,304
CHR2	10870321	CHR2:10870321	SSF x LoA	-8,115	0,005	0,298
CHR2	10870353	CHR2:10870353	SSF x LoA	-10,650	0,037	0,277
CHR2	10870373	CHR2:10870373	SSF x LoA	-8,928	0,029	0,287
CHR2	10870395	CHR2:10870395	SSF x LoA	-6,914	-0,143	0,279
CHR2	10870445	CHR2:10870445	SSF x LoA	-9,201	0,037	0,294
CHR2	10870482	CHR2:10870482	SSF x LoA	-8,628	-0,064	0,300
CHR2	10893771	CHR2:10893771	SSF x LoA	-11,309	-0,028	0,279
CHR2	10893830	CHR2:10893830	SSF x LoA	-8,100	-0,031	0,288
CHR2	10924968	CHR2:10924968	SSF x LoA	-6,640	-0,178	0,277
CHR2	10929252	CHR2:10929252	SSF x LoA	-9,373	-0,064	0,283
CHR2	10962808	CHR2:10962808	SSF x LoA	-8,538	-0,068	0,292
CHR2	10962817	CHR2:10962817	SSF x LoA	-7,507	0,034	0,293
CHR2	10962958	CHR2:10962958	SSF x LoA	-9,148	0,025	0,289
CHR2	10962964	CHR2:10962964	SSF x LoA	-8,000	-0,055	0,299
CHR2	10962965	CHR2:10962965	SSF x LoA	-8,796	0,012	0,294
CHR2	10964670	CHR2:10964670	SSF x LoA	-10,947	0,054	0,295
CHR2	10964990	CHR2:10964990	SSF x LoA	-10,216	-0,056	0,283
CHR2	10968080	CHR2:10968080	SSF x LoA	-7,115	0,020	0,295
CHR2	10968105	CHR2:10968105	SSF x LoA	-4,534	-0,186	0,277
CHR2	10968182	CHR2:10968182	SSF x LoA	-9,797	0,051	0,296
CHR2	10972478	CHR2:10972478	SSF x LoA	-9,372	-0,140	0,270
CHR2	10973298	CHR2:10973298	SSF x LoA	-8,902	0,088	0,287
CHR2	10973391	CHR2:10973391	SSF x LoA	-8,274	-0,122	0,295

CHR2	10973505	CHR2:10973505	SSF x LoA	-11,151	0,036	0,291
CHR2	1097542	CHR2:1097542	SSF x LoA	-7,797	-0,039	0,306
CHR2	10988872	CHR2:10988872	SSF x LoA	-7,552	0,043	0,307
CHR2	10988933	CHR2:10988933	SSF x LoA	-9,663	0,057	0,275
CHR2	10989265	CHR2:10989265	SSF x LoA	-9,229	0,073	0,285
CHR2	10992264	CHR2:10992264	SSF x LoA	-7,810	-0,064	0,286
CHR2	10992505	CHR2:10992505	SSF x LoA	-9,886	-0,038	0,295
CHR2	11002954	CHR2:11002954	SSF x LoA	-10,274	-0,060	0,277
CHR2	11002959	CHR2:11002959	SSF x LoA	-9,470	-0,081	0,287
CHR2	11002976	CHR2:11002976	SSF x LoA	-10,970	-0,006	0,290
CHR2	11003055	CHR2:11003055	SSF x LoA	-4,680	0,161	0,274
CHR2	11003139	CHR2:11003139	SSF x LoA	-10,785	0,076	0,286
CHR2	11003185	CHR2:11003185	SSF x LoA	-5,007	0,107	0,281
CHR2	11013007	CHR2:11013007	SSF x LoA	-9,275	-0,101	0,290
CHR2	11025750	CHR2:11025750	SSF x LoA	-6,494	0,186	0,292
CHR2	11026091	CHR2:11026091	SSF x LoA	-6,750	-0,060	0,295
CHR2	11026103	CHR2:11026103	SSF x LoA	-9,975	0,065	0,284
CHR2	11026138	CHR2:11026138	SSF x LoA	-9,676	0,030	0,299
CHR2	11031224	CHR2:11031224	SSF x LoA	-7,748	0,025	0,290
CHR2	11031279	CHR2:11031279	SSF x LoA	-10,385	0,025	0,302
CHR2	11031364	CHR2:11031364	SSF x LoA	-10,009	0,048	0,292
CHR2	11031412	CHR2:11031412	SSF x LoA	-5,201	0,151	0,290
CHR2	11031431	CHR2:11031431	SSF x LoA	-7,882	0,091	0,296
CHR2	11031443	CHR2:11031443	SSF x LoA	-8,266	0,018	0,291
CHR2	11031446	CHR2:11031446	SSF x LoA	-4,344	0,100	0,294
CHR2	11035059	CHR2:11035059	SSF x LoA	-7,480	0,106	0,277
CHR2	11035119	CHR2:11035119	SSF x LoA	-8,567	0,118	0,298
CHR2	11055065	CHR2:11055065	SSF x LoA	-9,905	-0,048	0,284
CHR2	11055168	CHR2:11055168	SSF x LoA	-4,554	-0,222	0,293
CHR2	11055349	CHR2:11055349	SSF x LoA	-9,734	-0,026	0,294
CHR2	1106091	CHR2:1106091	SSF x LoA	-9,836	0,140	0,295
CHR2	1106244	CHR2:1106244	SSF x LoA	-10,619	0,021	0,294
CHR2	1106376	CHR2:1106376	SSF x LoA	-10,929	-0,018	0,286
CHR2	11069219	CHR2:11069219	SSF x LoA	-11,686	-0,020	0,278
CHR2	11074735	CHR2:11074735	SSF x LoA	-8,201	0,041	0,281
CHR2	11075059	CHR2:11075059	SSF x LoA	-7,436	0,091	0,299
CHR2	11082560	CHR2:11082560	SSF x LoA	-10,428	-0,011	0,291
CHR2	11097602	CHR2:11097602	SSF x LoA	-9,126	0,029	0,292
CHR2	11097605	CHR2:11097605	SSF x LoA	-9,079	0,011	0,308
CHR2	11097612	CHR2:11097612	SSF x LoA	-8,445	0,071	0,289
CHR2	11097734	CHR2:11097734	SSF x LoA	-10,020	0,088	0,295
CHR2	11100245	CHR2:11100245	SSF x LoA	-10,255	-0,085	0,276
CHR2	11100354	CHR2:11100354	SSF x LoA	-8,346	0,003	0,277
CHR2	11100410	CHR2:11100410	SSF x LoA	-8,614	0,002	0,282
CHR2	11115882	CHR2:11115882	SSF x LoA	-8,026	-0,049	0,296
CHR2	11115942	CHR2:11115942	SSF x LoA	-10,217	-0,022	0,300
CHR2	11123328	CHR2:11123328	SSF x LoA	-8,632	0,057	0,293
CHR2	11123333	CHR2:11123333	SSF x LoA	-9,227	0,068	0,289
CHR2	11123338	CHR2:11123338	SSF x LoA	-8,912	0,088	0,287
CHR2	11123351	CHR2:11123351	SSF x LoA	-8,497	-0,066	0,276
CHR2	11123950	CHR2:11123950	SSF x LoA	-7,628	-0,172	0,270
CHR2	11124007	CHR2:11124007	SSF x LoA	-9,746	-0,071	0,291
CHR2	11124040	CHR2:11124040	SSF x LoA	-8,815	-0,070	0,281

CHR2	11124074	CHR2:11124074	SSF x LoA	-8,372	0,040	0,299
CHR2	11152737	CHR2:11152737	SSF x LoA	-8,790	0,073	0,269
CHR2	11152758	CHR2:11152758	SSF x LoA	-8,072	0,108	0,296
CHR2	11157332	CHR2:11157332	SSF x LoA	-9,588	-0,072	0,293
CHR2	11157380	CHR2:11157380	SSF x LoA	-9,965	-0,065	0,282
CHR2	11157474	CHR2:11157474	SSF x LoA	-8,408	0,077	0,291
CHR2	11157521	CHR2:11157521	SSF x LoA	-5,131	-0,220	0,284
CHR2	11170576	CHR2:11170576	SSF x LoA	-8,054	0,083	0,273
CHR2	11170583	CHR2:11170583	SSF x LoA	-8,387	0,094	0,279
CHR2	11170638	CHR2:11170638	SSF x LoA	-7,660	0,026	0,286
CHR2	11170660	CHR2:11170660	SSF x LoA	-6,229	0,046	0,285
CHR2	11199809	CHR2:11199809	SSF x LoA	-5,489	-0,102	0,291
CHR2	11200112	CHR2:11200112	SSF x LoA	-6,266	0,047	0,292
CHR2	11200205	CHR2:11200205	SSF x LoA	-1,232	0,227	0,279
CHR2	11217237	CHR2:11217237	SSF x LoA	-5,094	0,072	0,282
CHR2	11217337	CHR2:11217337	SSF x LoA	-8,604	-0,051	0,293
CHR2	11233307	CHR2:11233307	SSF x LoA	-11,036	0,003	0,291
CHR2	11238875	CHR2:11238875	SSF x LoA	-7,143	0,100	0,293
CHR2	11238912	CHR2:11238912	SSF x LoA	-7,133	-0,122	0,287
CHR2	11259180	CHR2:11259180	SSF x LoA	-9,268	-0,014	0,296
CHR2	11259194	CHR2:11259194	SSF x LoA	-6,768	0,037	0,281
CHR2	11259211	CHR2:11259211	SSF x LoA	-10,627	0,022	0,287
CHR2	11259453	CHR2:11259453	SSF x LoA	-3,432	-0,244	0,256
CHR2	11259496	CHR2:11259496	SSF x LoA	-2,782	-0,152	0,285
CHR2	11269646	CHR2:11269646	SSF x LoA	-11,356	0,013	0,288
CHR2	11279716	CHR2:11279716	SSF x LoA	-10,565	0,007	0,286
CHR2	11281749	CHR2:11281749	SSF x LoA	-8,629	0,060	0,286
CHR2	11282018	CHR2:11282018	SSF x LoA	-10,025	-0,004	0,286
CHR2	11298357	CHR2:11298357	SSF x LoA	0,216	-0,174	0,285
CHR2	11320935	CHR2:11320935	SSF x LoA	-3,849	-0,243	0,279
CHR2	11321087	CHR2:11321087	SSF x LoA	-10,722	-0,055	0,282
CHR2	11325960	CHR2:11325960	SSF x LoA	-8,321	-0,028	0,297
CHR2	11325976	CHR2:11325976	SSF x LoA	-8,325	-0,055	0,303
CHR2	11326129	CHR2:11326129	SSF x LoA	-9,369	0,074	0,285
CHR2	11341718	CHR2:11341718	SSF x LoA	-5,372	0,019	0,298
CHR2	11341752	CHR2:11341752	SSF x LoA	-8,538	-0,003	0,294
CHR2	1134229	CHR2:1134229	SSF x LoA	-6,255	-0,067	0,287
CHR2	1134289	CHR2:1134289	SSF x LoA	-8,426	0,000	0,285
CHR2	11353226	CHR2:11353226	SSF x LoA	-8,330	0,095	0,283
CHR2	11353344	CHR2:11353344	SSF x LoA	-2,928	-0,188	0,286
CHR2	11373338	CHR2:11373338	SSF x LoA	-8,689	0,073	0,300
CHR2	11388537	CHR2:11388537	SSF x LoA	-7,269	0,066	0,295
CHR2	11388568	CHR2:11388568	SSF x LoA	-11,486	-0,022	0,288
CHR2	1139923	CHR2:1139923	SSF x LoA	-9,504	-0,060	0,295
CHR2	1139965	CHR2:1139965	SSF x LoA	-9,905	0,011	0,289
CHR2	1140002	CHR2:1140002	SSF x LoA	-8,801	-0,035	0,287
CHR2	11405436	CHR2:11405436	SSF x LoA	-9,501	-0,078	0,291
CHR2	11405494	CHR2:11405494	SSF x LoA	-4,236	0,088	0,299
CHR2	11414268	CHR2:11414268	SSF x LoA	-10,374	0,026	0,288
CHR2	1141438	CHR2:1141438	SSF x LoA	-11,109	-0,025	0,282
CHR2	11414589	CHR2:11414589	SSF x LoA	-7,364	0,156	0,290
CHR2	11422883	CHR2:11422883	SSF x LoA	-5,073	-0,231	0,267
CHR2	11423137	CHR2:11423137	SSF x LoA	5,070	0,169	0,291

CHR2	11427578	CHR2:11427578	SSF x LoA	-8,237	0,029	0,276
CHR2	11427685	CHR2:11427685	SSF x LoA	-9,143	0,041	0,279
CHR2	11452355	CHR2:11452355	SSF x LoA	-8,547	-0,076	0,295
CHR2	11456774	CHR2:11456774	SSF x LoA	-10,389	0,025	0,292
CHR2	11456785	CHR2:11456785	SSF x LoA	-8,449	-0,113	0,280
CHR2	11456946	CHR2:11456946	SSF x LoA	-9,134	-0,054	0,291
CHR2	11457046	CHR2:11457046	SSF x LoA	-8,290	-0,077	0,282
CHR2	11473614	CHR2:11473614	SSF x LoA	-5,877	-0,042	0,288
CHR2	11473940	CHR2:11473940	SSF x LoA	-7,545	-0,095	0,288
CHR2	11473943	CHR2:11473943	SSF x LoA	-10,184	0,044	0,286
CHR2	11473952	CHR2:11473952	SSF x LoA	-10,018	0,031	0,295
CHR2	11479063	CHR2:11479063	SSF x LoA	-8,428	-0,009	0,295
CHR2	11479144	CHR2:11479144	SSF x LoA	-8,625	0,008	0,271
CHR2	11479316	CHR2:11479316	SSF x LoA	-11,626	0,020	0,278
CHR2	11479357	CHR2:11479357	SSF x LoA	-8,967	-0,003	0,289
CHR2	11486668	CHR2:11486668	SSF x LoA	-9,530	0,098	0,294
CHR2	11486937	CHR2:11486937	SSF x LoA	-10,906	0,000	0,270
CHR2	11487005	CHR2:11487005	SSF x LoA	-9,646	0,017	0,287
CHR2	11487056	CHR2:11487056	SSF x LoA	-10,504	-0,064	0,293
CHR2	11487091	CHR2:11487091	SSF x LoA	-10,377	0,106	0,289
CHR2	11492441	CHR2:11492441	SSF x LoA	-9,735	0,086	0,282
CHR2	11492508	CHR2:11492508	SSF x LoA	-7,605	-0,163	0,264
CHR2	11492600	CHR2:11492600	SSF x LoA	-11,135	-0,057	0,284
CHR2	11492633	CHR2:11492633	SSF x LoA	-6,396	-0,145	0,280
CHR2	1149311	CHR2:1149311	SSF x LoA	-10,641	-0,032	0,285
CHR2	1149381	CHR2:1149381	SSF x LoA	-9,151	0,049	0,306
CHR2	1149454	CHR2:1149454	SSF x LoA	-8,229	0,056	0,294
CHR2	1149488	CHR2:1149488	SSF x LoA	-6,421	0,097	0,292
CHR2	1149540	CHR2:1149540	SSF x LoA	-9,220	0,125	0,286
CHR2	1149541	CHR2:1149541	SSF x LoA	-9,065	-0,107	0,292
CHR2	1149562	CHR2:1149562	SSF x LoA	-10,317	0,107	0,278
CHR2	11507262	CHR2:11507262	SSF x LoA	0,211	-0,173	0,289
CHR2	11507416	CHR2:11507416	SSF x LoA	-6,698	-0,159	0,284
CHR2	11513673	CHR2:11513673	SSF x LoA	-5,197	-0,020	0,293
CHR2	11531502	CHR2:11531502	SSF x LoA	-10,666	-0,057	0,293
CHR2	11542588	CHR2:11542588	SSF x LoA	6,441	0,089	0,303
CHR2	11542679	CHR2:11542679	SSF x LoA	-8,723	-0,060	0,282
CHR2	11542724	CHR2:11542724	SSF x LoA	-9,818	0,005	0,286
CHR2	11542877	CHR2:11542877	SSF x LoA	-9,370	-0,045	0,298
CHR2	11542901	CHR2:11542901	SSF x LoA	-6,776	-0,046	0,289
CHR2	11571494	CHR2:11571494	SSF x LoA	-8,635	0,090	0,287
CHR2	11571498	CHR2:11571498	SSF x LoA	-10,136	-0,001	0,285
CHR2	11571547	CHR2:11571547	SSF x LoA	-9,704	0,020	0,288
CHR2	1157795	CHR2:1157795	SSF x LoA	-8,330	-0,031	0,288
CHR2	11578139	CHR2:11578139	SSF x LoA	-8,345	-0,091	0,273
CHR2	11578528	CHR2:11578528	SSF x LoA	-8,744	0,074	0,277
CHR2	1157894	CHR2:1157894	SSF x LoA	-6,954	0,088	0,300
CHR2	1157895	CHR2:1157895	SSF x LoA	-6,733	0,080	0,290
CHR2	1157921	CHR2:1157921	SSF x LoA	-9,778	0,010	0,282
CHR2	1157957	CHR2:1157957	SSF x LoA	-6,582	-0,116	0,298
CHR2	11602227	CHR2:11602227	SSF x LoA	-7,418	-0,083	0,296
CHR2	11605759	CHR2:11605759	SSF x LoA	-8,006	-0,086	0,299
CHR2	11611434	CHR2:11611434	SSF x LoA	-9,015	0,028	0,289

CHR2	11611590	CHR2:11611590	SSF x LoA	-9,868	0,087	0,272
CHR2	11618025	CHR2:11618025	SSF x LoA	-5,512	-0,142	0,292
CHR2	11618143	CHR2:11618143	SSF x LoA	-5,127	-0,147	0,288
CHR2	11618170	CHR2:11618170	SSF x LoA	-4,424	-0,145	0,291
CHR2	11630759	CHR2:11630759	SSF x LoA	-9,493	0,023	0,283
CHR2	11630795	CHR2:11630795	SSF x LoA	-1,491	-0,146	0,284
CHR2	11631045	CHR2:11631045	SSF x LoA	-6,549	0,068	0,301
CHR2	1163279	CHR2:1163279	SSF x LoA	-10,552	-0,033	0,296
CHR2	1163555	CHR2:1163555	SSF x LoA	-8,236	0,070	0,308
CHR2	1163640	CHR2:1163640	SSF x LoA	-9,212	0,046	0,292
CHR2	11649010	CHR2:11649010	SSF x LoA	-10,868	0,000	0,287
CHR2	11649220	CHR2:11649220	SSF x LoA	-5,482	0,047	0,267
CHR2	11649429	CHR2:11649429	SSF x LoA	-6,456	-0,078	0,286
CHR2	11657945	CHR2:11657945	SSF x LoA	-8,696	-0,052	0,290
CHR2	1165990	CHR2:1165990	SSF x LoA	-11,193	0,017	0,290
CHR2	1166125	CHR2:1166125	SSF x LoA	-7,973	-0,166	0,284
CHR2	11680610	CHR2:11680610	SSF x LoA	-6,748	0,050	0,306
CHR2	11680638	CHR2:11680638	SSF x LoA	-8,808	-0,062	0,288
CHR2	1172922	CHR2:1172922	SSF x LoA	-7,982	0,019	0,282
CHR2	1172985	CHR2:1172985	SSF x LoA	-8,798	0,073	0,283
CHR2	1172990	CHR2:1172990	SSF x LoA	-10,180	0,010	0,307
CHR2	1173023	CHR2:1173023	SSF x LoA	-8,368	0,090	0,289
CHR2	1173028	CHR2:1173028	SSF x LoA	-9,466	0,083	0,282
CHR2	11744458	CHR2:11744458	SSF x LoA	-8,361	-0,041	0,284
CHR2	11744505	CHR2:11744505	SSF x LoA	-10,869	-0,092	0,292
CHR2	1175163	CHR2:1175163	SSF x LoA	-4,451	0,035	0,297
CHR2	1175195	CHR2:1175195	SSF x LoA	-7,929	0,060	0,282
CHR2	1175249	CHR2:1175249	SSF x LoA	-6,040	-0,094	0,286
CHR2	1175254	CHR2:1175254	SSF x LoA	-8,406	-0,085	0,267
CHR2	1178020	CHR2:1178020	SSF x LoA	-10,313	-0,123	0,294
CHR2	1178276	CHR2:1178276	SSF x LoA	-10,574	-0,019	0,298
CHR2	11793632	CHR2:11793632	SSF x LoA	-0,026	0,133	0,294
CHR2	11822156	CHR2:11822156	SSF x LoA	-6,102	0,078	0,278
CHR2	11822158	CHR2:11822158	SSF x LoA	-7,549	0,044	0,302
CHR2	11822188	CHR2:11822188	SSF x LoA	-9,611	0,035	0,279
CHR2	11822199	CHR2:11822199	SSF x LoA	-9,067	0,018	0,289
CHR2	11825069	CHR2:11825069	SSF x LoA	-6,603	0,033	0,281
CHR2	11825101	CHR2:11825101	SSF x LoA	-8,228	0,042	0,301
CHR2	11834438	CHR2:11834438	SSF x LoA	-9,166	0,106	0,283
CHR2	11849745	CHR2:11849745	SSF x LoA	-8,523	0,018	0,300
CHR2	11870702	CHR2:11870702	SSF x LoA	-9,278	0,120	0,287
CHR2	11870729	CHR2:11870729	SSF x LoA	24,202	-0,174	0,285
CHR2	11870731	CHR2:11870731	SSF x LoA	-8,218	0,025	0,301
CHR2	11870744	CHR2:11870744	SSF x LoA	-7,450	-0,183	0,277
CHR2	11870746	CHR2:11870746	SSF x LoA	-5,505	-0,187	0,280
CHR2	11870767	CHR2:11870767	SSF x LoA	-7,799	-0,036	0,292
CHR2	11870778	CHR2:11870778	SSF x LoA	-6,453	-0,154	0,285
CHR2	11904935	CHR2:11904935	SSF x LoA	-5,665	0,168	0,278
CHR2	11904979	CHR2:11904979	SSF x LoA	-8,746	-0,066	0,292
CHR2	11905048	CHR2:11905048	SSF x LoA	-9,227	0,004	0,298
CHR2	11905070	CHR2:11905070	SSF x LoA	-10,456	0,004	0,290
CHR2	11905076	CHR2:11905076	SSF x LoA	-10,129	0,017	0,294
CHR2	11907058	CHR2:11907058	SSF x LoA	-6,605	0,014	0,299

CHR2	11907266	CHR2:11907266	SSF x LoA	-4,253	-0,179	0,275
CHR2	1191273	CHR2:1191273	SSF x LoA	-9,014	-0,050	0,281
CHR2	11913239	CHR2:11913239	SSF x LoA	-10,721	-0,006	0,287
CHR2	11913297	CHR2:11913297	SSF x LoA	-10,204	-0,002	0,287
CHR2	1191484	CHR2:1191484	SSF x LoA	-10,543	-0,021	0,286
CHR2	11914931	CHR2:11914931	SSF x LoA	-7,602	0,062	0,291
CHR2	11933651	CHR2:11933651	SSF x LoA	-7,109	0,017	0,300
CHR2	11933694	CHR2:11933694	SSF x LoA	-8,711	0,004	0,298
CHR2	11933846	CHR2:11933846	SSF x LoA	-10,458	-0,024	0,282
CHR2	11933954	CHR2:11933954	SSF x LoA	-9,631	-0,068	0,294
CHR2	11933998	CHR2:11933998	SSF x LoA	-6,560	0,059	0,278
CHR2	11934128	CHR2:11934128	SSF x LoA	-1,591	-0,166	0,285
CHR2	11947133	CHR2:11947133	SSF x LoA	-10,851	0,025	0,289
CHR2	11947140	CHR2:11947140	SSF x LoA	-9,292	-0,018	0,285
CHR2	11947142	CHR2:11947142	SSF x LoA	-9,984	-0,035	0,289
CHR2	11947159	CHR2:11947159	SSF x LoA	-8,681	-0,004	0,288
CHR2	11947348	CHR2:11947348	SSF x LoA	-7,886	0,045	0,274
CHR2	11947402	CHR2:11947402	SSF x LoA	-6,172	0,117	0,289
CHR2	11947431	CHR2:11947431	SSF x LoA	-9,591	-0,147	0,282
CHR2	11947469	CHR2:11947469	SSF x LoA	-7,066	0,066	0,301
CHR2	11947510	CHR2:11947510	SSF x LoA	-7,274	-0,029	0,285
CHR2	11947517	CHR2:11947517	SSF x LoA	-8,753	0,062	0,292
CHR2	11957450	CHR2:11957450	SSF x LoA	-7,728	0,062	0,286
CHR2	11957635	CHR2:11957635	SSF x LoA	-8,057	-0,039	0,283
CHR2	11969496	CHR2:11969496	SSF x LoA	-10,597	-0,131	0,275
CHR2	11969537	CHR2:11969537	SSF x LoA	-6,917	0,085	0,285
CHR2	11969737	CHR2:11969737	SSF x LoA	-7,677	-0,128	0,291
CHR2	11987271	CHR2:11987271	SSF x LoA	-8,149	0,078	0,301
CHR2	11987278	CHR2:11987278	SSF x LoA	-5,967	0,224	0,299
CHR2	11987336	CHR2:11987336	SSF x LoA	-10,746	-0,042	0,291
CHR2	11987356	CHR2:11987356	SSF x LoA	-8,911	0,001	0,302
CHR2	11987443	CHR2:11987443	SSF x LoA	-9,758	0,076	0,295
CHR2	11987445	CHR2:11987445	SSF x LoA	-4,574	-0,097	0,294
CHR2	12003721	CHR2:12003721	SSF x LoA	-7,810	0,076	0,285
CHR2	12003729	CHR2:12003729	SSF x LoA	-10,749	-0,109	0,291
CHR2	12003741	CHR2:12003741	SSF x LoA	-11,293	-0,021	0,277
CHR2	12004002	CHR2:12004002	SSF x LoA	-9,053	-0,095	0,284
CHR2	12016179	CHR2:12016179	SSF x LoA	-10,699	-0,035	0,283
CHR2	12016305	CHR2:12016305	SSF x LoA	-8,199	0,039	0,299
CHR2	12016324	CHR2:12016324	SSF x LoA	-8,524	0,040	0,300
CHR2	12016351	CHR2:12016351	SSF x LoA	-8,129	0,111	0,292
CHR2	12022591	CHR2:12022591	SSF x LoA	-8,557	-0,049	0,296
CHR2	12022846	CHR2:12022846	SSF x LoA	-7,231	-0,151	0,290
CHR2	12022884	CHR2:12022884	SSF x LoA	-8,779	-0,014	0,287
CHR2	12031319	CHR2:12031319	SSF x LoA	-7,927	0,051	0,286
CHR2	12034613	CHR2:12034613	SSF x LoA	-11,290	-0,013	0,277
CHR2	12038818	CHR2:12038818	SSF x LoA	-7,901	0,137	0,288
CHR2	12056153	CHR2:12056153	SSF x LoA	-6,971	-0,051	0,291
CHR2	12056273	CHR2:12056273	SSF x LoA	-11,401	0,031	0,288
CHR2	12058860	CHR2:12058860	SSF x LoA	-6,594	0,003	0,292
CHR2	12058862	CHR2:12058862	SSF x LoA	-6,498	0,000	0,309
CHR2	12059035	CHR2:12059035	SSF x LoA	-8,340	0,009	0,303
CHR2	12059060	CHR2:12059060	SSF x LoA	-10,644	-0,001	0,292

CHR2	12067645	CHR2:12067645	SSF x LoA	-8,199	0,083	0,311
CHR2	12070477	CHR2:12070477	SSF x LoA	-10,649	0,042	0,293
CHR2	12070610	CHR2:12070610	SSF x LoA	-5,992	-0,155	0,291
CHR2	12070637	CHR2:12070637	SSF x LoA	-9,484	-0,083	0,276
CHR2	1207511	CHR2:1207511	SSF x LoA	-10,200	0,026	0,295
CHR2	12075146	CHR2:12075146	SSF x LoA	-9,627	0,043	0,290
CHR2	12075258	CHR2:12075258	SSF x LoA	-4,967	-0,112	0,287
CHR2	12075476	CHR2:12075476	SSF x LoA	-9,544	0,068	0,302
CHR2	1207586	CHR2:1207586	SSF x LoA	-9,524	0,038	0,289
CHR2	1207726	CHR2:1207726	SSF x LoA	-10,524	0,019	0,278
CHR2	12077796	CHR2:12077796	SSF x LoA	-9,499	-0,076	0,298
CHR2	12102449	CHR2:12102449	SSF x LoA	-8,635	-0,066	0,300
CHR2	12129788	CHR2:12129788	SSF x LoA	-9,340	-0,001	0,279
CHR2	12132149	CHR2:12132149	SSF x LoA	-7,036	-0,102	0,288
CHR2	12145305	CHR2:12145305	SSF x LoA	-9,838	0,109	0,277
CHR2	12159819	CHR2:12159819	SSF x LoA	-6,522	0,171	0,280
CHR2	12159825	CHR2:12159825	SSF x LoA	-9,646	0,051	0,301
CHR2	12159853	CHR2:12159853	SSF x LoA	-8,142	0,002	0,283
CHR2	12177330	CHR2:12177330	SSF x LoA	-7,447	0,013	0,286
CHR2	1217825	CHR2:1217825	SSF x LoA	-6,863	0,050	0,280
CHR2	1217884	CHR2:1217884	SSF x LoA	-6,668	0,033	0,298
CHR2	12180022	CHR2:12180022	SSF x LoA	-8,750	-0,037	0,268
CHR2	12202677	CHR2:12202677	SSF x LoA	-9,695	0,029	0,276
CHR2	12202679	CHR2:12202679	SSF x LoA	-7,980	0,083	0,290
CHR2	12202682	CHR2:12202682	SSF x LoA	-8,391	0,002	0,282
CHR2	12202742	CHR2:12202742	SSF x LoA	-7,450	-0,220	0,276
CHR2	12202756	CHR2:12202756	SSF x LoA	-8,800	-0,076	0,275
CHR2	12202763	CHR2:12202763	SSF x LoA	-5,756	-0,229	0,290
CHR2	12202790	CHR2:12202790	SSF x LoA	-7,862	-0,001	0,303
CHR2	12202800	CHR2:12202800	SSF x LoA	-7,321	-0,147	0,279
CHR2	12214953	CHR2:12214953	SSF x LoA	-8,948	0,089	0,275
CHR2	12215017	CHR2:12215017	SSF x LoA	-8,843	-0,004	0,273
CHR2	12215043	CHR2:12215043	SSF x LoA	-8,990	-0,013	0,287
CHR2	12220737	CHR2:12220737	SSF x LoA	-7,767	-0,005	0,284
CHR2	12220767	CHR2:12220767	SSF x LoA	-7,835	-0,004	0,290
CHR2	12220887	CHR2:12220887	SSF x LoA	-3,691	-0,188	0,271
CHR2	12220930	CHR2:12220930	SSF x LoA	-8,023	-0,063	0,269
CHR2	12226108	CHR2:12226108	SSF x LoA	-9,705	0,125	0,296
CHR2	12226178	CHR2:12226178	SSF x LoA	-10,562	0,082	0,274
CHR2	12232871	CHR2:12232871	SSF x LoA	-10,087	-0,069	0,296
CHR2	12232890	CHR2:12232890	SSF x LoA	-9,901	-0,073	0,278
CHR2	12232976	CHR2:12232976	SSF x LoA	-11,787	0,001	0,276
CHR2	12233060	CHR2:12233060	SSF x LoA	-9,186	-0,015	0,294
CHR2	12233287	CHR2:12233287	SSF x LoA	-10,913	-0,049	0,287
CHR2	12236954	CHR2:12236954	SSF x LoA	-9,440	-0,068	0,266
CHR2	12236959	CHR2:12236959	SSF x LoA	-8,569	0,060	0,280
CHR2	12236993	CHR2:12236993	SSF x LoA	-9,706	0,043	0,301
CHR2	12250440	CHR2:12250440	SSF x LoA	-7,518	0,117	0,292
CHR2	12258462	CHR2:12258462	SSF x LoA	-9,165	0,084	0,288
CHR2	12258474	CHR2:12258474	SSF x LoA	-5,208	0,132	0,290
CHR2	12258528	CHR2:12258528	SSF x LoA	-9,547	-0,072	0,286
CHR2	12260091	CHR2:12260091	SSF x LoA	-9,028	-0,035	0,275
CHR2	12260196	CHR2:12260196	SSF x LoA	-3,385	0,138	0,291

CHR2	12265308	CHR2:12265308	SSF x LoA	-10,373	0,061	0,274
CHR2	12265327	CHR2:12265327	SSF x LoA	-8,445	0,008	0,304
CHR2	12265374	CHR2:12265374	SSF x LoA	-9,311	0,038	0,305
CHR2	12265572	CHR2:12265572	SSF x LoA	-7,460	-0,109	0,287
CHR2	12265589	CHR2:12265589	SSF x LoA	0,151	-0,226	0,279
CHR2	12290941	CHR2:12290941	SSF x LoA	-9,453	0,091	0,295
CHR2	12295196	CHR2:12295196	SSF x LoA	-9,338	-0,068	0,287
CHR2	12295416	CHR2:12295416	SSF x LoA	-8,414	0,160	0,274
CHR2	12296894	CHR2:12296894	SSF x LoA	-9,680	-0,107	0,279
CHR2	12296993	CHR2:12296993	SSF x LoA	-7,989	0,093	0,283
CHR2	12299793	CHR2:12299793	SSF x LoA	-10,636	-0,056	0,291
CHR2	12299845	CHR2:12299845	SSF x LoA	-10,664	-0,043	0,288
CHR2	12299928	CHR2:12299928	SSF x LoA	-7,919	-0,117	0,287
CHR2	12299989	CHR2:12299989	SSF x LoA	-6,936	-0,095	0,292
CHR2	12299992	CHR2:12299992	SSF x LoA	-8,868	0,039	0,301
CHR2	12300067	CHR2:12300067	SSF x LoA	-9,185	-0,067	0,292
CHR2	12300094	CHR2:12300094	SSF x LoA	-6,896	-0,148	0,279
CHR2	12300096	CHR2:12300096	SSF x LoA	-11,359	0,036	0,277
CHR2	12300113	CHR2:12300113	SSF x LoA	-6,061	0,169	0,278
CHR2	12300117	CHR2:12300117	SSF x LoA	-6,001	-0,155	0,282
CHR2	12300118	CHR2:12300118	SSF x LoA	-6,532	-0,139	0,290
CHR2	12300217	CHR2:12300217	SSF x LoA	-9,618	-0,060	0,295
CHR2	1230069	CHR2:1230069	SSF x LoA	-10,602	-0,088	0,264
CHR2	1230294	CHR2:1230294	SSF x LoA	-8,722	0,122	0,290
CHR2	1230375	CHR2:1230375	SSF x LoA	-9,755	0,039	0,293
CHR2	12309384	CHR2:12309384	SSF x LoA	-9,190	0,022	0,294
CHR2	12335891	CHR2:12335891	SSF x LoA	-10,045	-0,049	0,303
CHR2	12336046	CHR2:12336046	SSF x LoA	-9,136	-0,045	0,285
CHR2	12337452	CHR2:12337452	SSF x LoA	-9,093	-0,003	0,292
CHR2	12337588	CHR2:12337588	SSF x LoA	-7,261	-0,103	0,293
CHR2	12337614	CHR2:12337614	SSF x LoA	-4,182	-0,136	0,290
CHR2	12345993	CHR2:12345993	SSF x LoA	-5,696	-0,142	0,263
CHR2	12346000	CHR2:12346000	SSF x LoA	-6,616	-0,082	0,274
CHR2	12346025	CHR2:12346025	SSF x LoA	-8,102	0,023	0,281
CHR2	12346100	CHR2:12346100	SSF x LoA	-7,133	-0,058	0,304
CHR2	12346246	CHR2:12346246	SSF x LoA	-10,215	0,089	0,292
CHR2	12349633	CHR2:12349633	SSF x LoA	-10,382	0,055	0,272
CHR2	12367202	CHR2:12367202	SSF x LoA	-10,437	-0,126	0,272
CHR2	12367203	CHR2:12367203	SSF x LoA	-2,665	-0,121	0,303
CHR2	12367274	CHR2:12367274	SSF x LoA	-9,871	-0,006	0,295
CHR2	12373734	CHR2:12373734	SSF x LoA	-8,783	0,135	0,300
CHR2	12378165	CHR2:12378165	SSF x LoA	-7,082	0,065	0,283
CHR2	12380729	CHR2:12380729	SSF x LoA	-8,470	0,056	0,290
CHR2	12381017	CHR2:12381017	SSF x LoA	-10,387	-0,063	0,291
CHR2	1238358	CHR2:1238358	SSF x LoA	-8,892	-0,036	0,282
CHR2	1238363	CHR2:1238363	SSF x LoA	-7,947	-0,132	0,281
CHR2	1238453	CHR2:1238453	SSF x LoA	-8,597	0,060	0,291
CHR2	1238551	CHR2:1238551	SSF x LoA	-10,174	0,022	0,303
CHR2	1238554	CHR2:1238554	SSF x LoA	-6,826	-0,074	0,272
CHR2	12390850	CHR2:12390850	SSF x LoA	-10,747	-0,018	0,287
CHR2	12390856	CHR2:12390856	SSF x LoA	-5,075	0,200	0,293
CHR2	12391055	CHR2:12391055	SSF x LoA	-6,022	-0,102	0,299
CHR2	12402449	CHR2:12402449	SSF x LoA	-7,522	-0,042	0,297

CHR2	12402589	CHR2:12402589	SSF x LoA	-8,212	0,138	0,271
CHR2	12402606	CHR2:12402606	SSF x LoA	-4,501	-0,045	0,285
CHR2	12459801	CHR2:12459801	SSF x LoA	-9,611	0,042	0,286
CHR2	12507734	CHR2:12507734	SSF x LoA	-7,599	0,097	0,301
CHR2	12507735	CHR2:12507735	SSF x LoA	-7,884	0,123	0,307
CHR2	12507761	CHR2:12507761	SSF x LoA	-1,553	-0,169	0,269
CHR2	12533935	CHR2:12533935	SSF x LoA	-10,063	-0,026	0,298
CHR2	12534024	CHR2:12534024	SSF x LoA	-7,557	0,040	0,316
CHR2	12534049	CHR2:12534049	SSF x LoA	-6,660	0,135	0,292
CHR2	12565269	CHR2:12565269	SSF x LoA	-8,813	-0,009	0,275
CHR2	12565376	CHR2:12565376	SSF x LoA	-7,892	0,134	0,286
CHR2	12575312	CHR2:12575312	SSF x LoA	-9,099	-0,055	0,285
CHR2	12590241	CHR2:12590241	SSF x LoA	-8,178	-0,014	0,301
CHR2	12590339	CHR2:12590339	SSF x LoA	-9,781	0,130	0,301
CHR2	12590341	CHR2:12590341	SSF x LoA	-10,515	0,038	0,291
CHR2	12597681	CHR2:12597681	SSF x LoA	-9,836	0,109	0,290
CHR2	12597829	CHR2:12597829	SSF x LoA	-7,202	0,136	0,282
CHR2	12598557	CHR2:12598557	SSF x LoA	-9,730	0,119	0,275
CHR2	12598560	CHR2:12598560	SSF x LoA	-9,061	-0,164	0,286
CHR2	12598567	CHR2:12598567	SSF x LoA	-8,485	-0,070	0,297
CHR2	12598600	CHR2:12598600	SSF x LoA	-8,590	-0,101	0,277
CHR2	12598626	CHR2:12598626	SSF x LoA	-9,848	0,032	0,281
CHR2	12608993	CHR2:12608993	SSF x LoA	-11,136	-0,079	0,274
CHR2	12609062	CHR2:12609062	SSF x LoA	-6,982	-0,087	0,272
CHR2	12609099	CHR2:12609099	SSF x LoA	-6,633	-0,097	0,284
CHR2	12609105	CHR2:12609105	SSF x LoA	-2,780	-0,188	0,297
CHR2	12609148	CHR2:12609148	SSF x LoA	-5,489	-0,127	0,293
CHR2	12635583	CHR2:12635583	SSF x LoA	-7,818	0,064	0,286
CHR2	12641457	CHR2:12641457	SSF x LoA	-11,250	-0,118	0,269
CHR2	12641520	CHR2:12641520	SSF x LoA	-10,615	-0,141	0,288
CHR2	12642015	CHR2:12642015	SSF x LoA	-9,149	0,027	0,295
CHR2	12642050	CHR2:12642050	SSF x LoA	-7,401	-0,079	0,280
CHR2	12642154	CHR2:12642154	SSF x LoA	-8,166	0,003	0,298
CHR2	1264767	CHR2:1264767	SSF x LoA	-9,032	0,055	0,303
CHR2	12656233	CHR2:12656233	SSF x LoA	-8,491	0,046	0,289
CHR2	12656242	CHR2:12656242	SSF x LoA	-4,950	-0,025	0,293
CHR2	12656255	CHR2:12656255	SSF x LoA	-7,959	0,137	0,289
CHR2	12656262	CHR2:12656262	SSF x LoA	-8,088	0,008	0,291
CHR2	12656287	CHR2:12656287	SSF x LoA	-6,920	-0,004	0,290
CHR2	12656307	CHR2:12656307	SSF x LoA	-9,042	-0,058	0,291
CHR2	12656328	CHR2:12656328	SSF x LoA	-10,227	0,004	0,292
CHR2	12656329	CHR2:12656329	SSF x LoA	-10,260	0,065	0,290
CHR2	12656337	CHR2:12656337	SSF x LoA	-6,090	-0,135	0,295
CHR2	12661606	CHR2:12661606	SSF x LoA	-10,329	-0,050	0,278
CHR2	12661654	CHR2:12661654	SSF x LoA	-9,478	-0,111	0,296
CHR2	12661793	CHR2:12661793	SSF x LoA	-6,792	-0,023	0,300
CHR2	12705992	CHR2:12705992	SSF x LoA	-7,837	-0,064	0,293
CHR2	12706021	CHR2:12706021	SSF x LoA	-8,429	0,003	0,288
CHR2	12706272	CHR2:12706272	SSF x LoA	-6,730	-0,124	0,282
CHR2	12706387	CHR2:12706387	SSF x LoA	-10,306	0,019	0,307
CHR2	12706405	CHR2:12706405	SSF x LoA	-7,334	0,020	0,296
CHR2	12706421	CHR2:12706421	SSF x LoA	-8,515	0,036	0,293
CHR2	12731600	CHR2:12731600	SSF x LoA	-9,424	0,012	0,289

CHR2	12736663	CHR2:12736663	SSF x LoA	-1,053	0,042	0,296
CHR2	12736719	CHR2:12736719	SSF x LoA	-8,998	0,142	0,281
CHR2	12737059	CHR2:12737059	SSF x LoA	-11,422	-0,040	0,281
CHR2	12737067	CHR2:12737067	SSF x LoA	-3,250	0,026	0,297
CHR2	12799236	CHR2:12799236	SSF x LoA	-9,862	-0,102	0,286
CHR2	12799311	CHR2:12799311	SSF x LoA	-8,738	0,009	0,286
CHR2	12799329	CHR2:12799329	SSF x LoA	-5,412	-0,139	0,274
CHR2	12799379	CHR2:12799379	SSF x LoA	-7,264	-0,031	0,288
CHR2	12799486	CHR2:12799486	SSF x LoA	-7,680	-0,057	0,281
CHR2	12801111	CHR2:12801111	SSF x LoA	-7,532	0,119	0,298
CHR2	12809132	CHR2:12809132	SSF x LoA	-7,718	-0,002	0,304
CHR2	12809136	CHR2:12809136	SSF x LoA	-8,734	-0,008	0,299
CHR2	12809243	CHR2:12809243	SSF x LoA	-6,789	0,000	0,272
CHR2	12812536	CHR2:12812536	SSF x LoA	-5,469	0,115	0,278
CHR2	12812598	CHR2:12812598	SSF x LoA	-3,276	0,105	0,293
CHR2	12812599	CHR2:12812599	SSF x LoA	-5,279	0,120	0,283
CHR2	12812600	CHR2:12812600	SSF x LoA	-6,781	0,112	0,281
CHR2	12812687	CHR2:12812687	SSF x LoA	-6,055	-0,191	0,275
CHR2	12812697	CHR2:12812697	SSF x LoA	-9,594	-0,040	0,287
CHR2	12814233	CHR2:12814233	SSF x LoA	-8,726	-0,069	0,288
CHR2	12814317	CHR2:12814317	SSF x LoA	-8,854	-0,015	0,293
CHR2	12814339	CHR2:12814339	SSF x LoA	-5,251	-0,138	0,301
CHR2	12819278	CHR2:12819278	SSF x LoA	-9,743	-0,087	0,282
CHR2	12819342	CHR2:12819342	SSF x LoA	-6,149	0,142	0,304
CHR2	12848549	CHR2:12848549	SSF x LoA	-9,989	0,005	0,301
CHR2	12851771	CHR2:12851771	SSF x LoA	-9,282	0,093	0,289
CHR2	12852003	CHR2:12852003	SSF x LoA	-9,107	-0,010	0,289
CHR2	12865310	CHR2:12865310	SSF x LoA	-10,134	0,003	0,285
CHR2	12865418	CHR2:12865418	SSF x LoA	-3,437	0,081	0,302
CHR2	12865448	CHR2:12865448	SSF x LoA	-10,539	-0,068	0,288
CHR2	12865454	CHR2:12865454	SSF x LoA	-9,007	-0,078	0,296
CHR2	12867700	CHR2:12867700	SSF x LoA	-7,064	-0,110	0,278
CHR2	12872637	CHR2:12872637	SSF x LoA	-9,353	-0,004	0,299
CHR2	12872664	CHR2:12872664	SSF x LoA	-9,456	0,071	0,302
CHR2	12872848	CHR2:12872848	SSF x LoA	-9,363	-0,060	0,290
CHR2	12875075	CHR2:12875075	SSF x LoA	-7,802	0,133	0,288
CHR2	12876532	CHR2:12876532	SSF x LoA	-9,606	0,104	0,294
CHR2	12876604	CHR2:12876604	SSF x LoA	-7,243	0,046	0,298
CHR2	12925598	CHR2:12925598	SSF x LoA	-8,542	-0,041	0,294
CHR2	12925610	CHR2:12925610	SSF x LoA	-2,231	0,104	0,287
CHR2	12925646	CHR2:12925646	SSF x LoA	-2,846	0,078	0,275
CHR2	12925647	CHR2:12925647	SSF x LoA	-10,528	0,075	0,260
CHR2	12925725	CHR2:12925725	SSF x LoA	-7,137	-0,089	0,266
CHR2	12925733	CHR2:12925733	SSF x LoA	-6,335	0,196	0,258
CHR2	12925747	CHR2:12925747	SSF x LoA	-8,781	0,055	0,276
CHR2	12925976	CHR2:12925976	SSF x LoA	-7,761	-0,117	0,278
CHR2	12942973	CHR2:12942973	SSF x LoA	-6,714	0,033	0,295
CHR2	12943002	CHR2:12943002	SSF x LoA	-9,344	-0,020	0,300
CHR2	12943134	CHR2:12943134	SSF x LoA	-9,220	-0,020	0,295
CHR2	12943288	CHR2:12943288	SSF x LoA	-9,338	0,038	0,278
CHR2	12946927	CHR2:12946927	SSF x LoA	-8,487	0,025	0,280
CHR2	1295140	CHR2:1295140	SSF x LoA	-9,146	0,019	0,291
CHR2	1295173	CHR2:1295173	SSF x LoA	-9,308	-0,061	0,299

CHR2	1295327	CHR2:1295327	SSF x LoA	-7,087	-0,069	0,302
CHR2	12953689	CHR2:12953689	SSF x LoA	-8,570	0,103	0,277
CHR2	12953935	CHR2:12953935	SSF x LoA	-9,997	-0,008	0,292
CHR2	1295475	CHR2:1295475	SSF x LoA	-8,838	-0,104	0,280
CHR2	12985265	CHR2:12985265	SSF x LoA	-10,620	0,098	0,282
CHR2	1300263	CHR2:1300263	SSF x LoA	-9,232	-0,051	0,298
CHR2	1300341	CHR2:1300341	SSF x LoA	-7,923	-0,047	0,305
CHR2	1300360	CHR2:1300360	SSF x LoA	-8,806	-0,007	0,311
CHR2	1300385	CHR2:1300385	SSF x LoA	-8,085	-0,017	0,300
CHR2	1300386	CHR2:1300386	SSF x LoA	-7,998	0,037	0,302
CHR2	1300489	CHR2:1300489	SSF x LoA	-6,396	-0,087	0,277
CHR2	1300536	CHR2:1300536	SSF x LoA	-8,339	0,155	0,273
CHR2	13011303	CHR2:13011303	SSF x LoA	-9,374	0,076	0,285
CHR2	13016993	CHR2:13016993	SSF x LoA	-9,215	0,094	0,285
CHR2	13020806	CHR2:13020806	SSF x LoA	-10,639	0,025	0,289
CHR2	13021733	CHR2:13021733	SSF x LoA	-9,349	-0,174	0,282
CHR2	13050274	CHR2:13050274	SSF x LoA	-7,550	0,031	0,296
CHR2	13050316	CHR2:13050316	SSF x LoA	-9,079	-0,013	0,278
CHR2	13050346	CHR2:13050346	SSF x LoA	-9,661	-0,027	0,298
CHR2	13052637	CHR2:13052637	SSF x LoA	-8,478	-0,036	0,291
CHR2	13052661	CHR2:13052661	SSF x LoA	-8,255	0,045	0,289
CHR2	13058969	CHR2:13058969	SSF x LoA	-10,166	0,026	0,286
CHR2	13059119	CHR2:13059119	SSF x LoA	-7,261	0,122	0,295
CHR2	13059141	CHR2:13059141	SSF x LoA	-9,410	0,012	0,281
CHR2	1307598	CHR2:1307598	SSF x LoA	-6,988	0,018	0,293
CHR2	1307666	CHR2:1307666	SSF x LoA	-7,049	0,053	0,284
CHR2	13088307	CHR2:13088307	SSF x LoA	-10,289	0,042	0,294
CHR2	13089951	CHR2:13089951	SSF x LoA	-6,602	0,159	0,294
CHR2	13091140	CHR2:13091140	SSF x LoA	-9,168	0,093	0,285
CHR2	13091325	CHR2:13091325	SSF x LoA	-9,849	-0,072	0,300
CHR2	13098780	CHR2:13098780	SSF x LoA	-10,862	0,093	0,264
CHR2	13098844	CHR2:13098844	SSF x LoA	-11,279	0,006	0,300
CHR2	13098871	CHR2:13098871	SSF x LoA	-7,281	0,032	0,298
CHR2	13112571	CHR2:13112571	SSF x LoA	-10,897	-0,051	0,292
CHR2	13118257	CHR2:13118257	SSF x LoA	-8,390	-0,117	0,298
CHR2	1311897	CHR2:1311897	SSF x LoA	-8,882	0,080	0,289
CHR2	1311901	CHR2:1311901	SSF x LoA	-8,731	0,073	0,288
CHR2	1311914	CHR2:1311914	SSF x LoA	-7,125	0,079	0,299
CHR2	1311916	CHR2:1311916	SSF x LoA	-8,555	0,032	0,286
CHR2	1311917	CHR2:1311917	SSF x LoA	-9,143	0,072	0,285
CHR2	1311918	CHR2:1311918	SSF x LoA	-8,868	0,073	0,289
CHR2	1311944	CHR2:1311944	SSF x LoA	-8,849	0,060	0,288
CHR2	1311946	CHR2:1311946	SSF x LoA	-5,229	0,177	0,278
CHR2	1311947	CHR2:1311947	SSF x LoA	-8,311	0,076	0,293
CHR2	13119829	CHR2:13119829	SSF x LoA	-10,263	-0,142	0,281
CHR2	13120066	CHR2:13120066	SSF x LoA	-9,917	-0,025	0,283
CHR2	1312009	CHR2:1312009	SSF x LoA	-8,178	0,053	0,265
CHR2	1312011	CHR2:1312011	SSF x LoA	-7,472	-0,024	0,282
CHR2	1312018	CHR2:1312018	SSF x LoA	-9,407	0,097	0,295
CHR2	13121555	CHR2:13121555	SSF x LoA	-8,284	-0,048	0,276
CHR2	13123344	CHR2:13123344	SSF x LoA	-5,698	0,134	0,290
CHR2	13133703	CHR2:13133703	SSF x LoA	-9,712	0,003	0,282
CHR2	13133762	CHR2:13133762	SSF x LoA	-10,818	-0,034	0,284

CHR2	13140428	CHR2:13140428	SSF x LoA	-8,668	0,130	0,278
CHR2	13147536	CHR2:13147536	SSF x LoA	-5,525	0,177	0,278
CHR2	13174235	CHR2:13174235	SSF x LoA	-10,239	0,071	0,292
CHR2	13174240	CHR2:13174240	SSF x LoA	-10,107	0,068	0,295
CHR2	13174288	CHR2:13174288	SSF x LoA	-9,787	0,002	0,272
CHR2	13175399	CHR2:13175399	SSF x LoA	-10,454	-0,027	0,297
CHR2	13184924	CHR2:13184924	SSF x LoA	-8,803	-0,026	0,279
CHR2	13184925	CHR2:13184925	SSF x LoA	-8,909	0,099	0,283
CHR2	13185039	CHR2:13185039	SSF x LoA	-7,377	0,065	0,289
CHR2	13191018	CHR2:13191018	SSF x LoA	-6,771	0,173	0,276
CHR2	13191059	CHR2:13191059	SSF x LoA	-11,574	0,036	0,299
CHR2	13191159	CHR2:13191159	SSF x LoA	-8,321	0,005	0,291
CHR2	13203349	CHR2:13203349	SSF x LoA	-6,582	0,068	0,296
CHR2	13203437	CHR2:13203437	SSF x LoA	-8,694	-0,088	0,297
CHR2	13203488	CHR2:13203488	SSF x LoA	-9,309	-0,058	0,297
CHR2	1320757	CHR2:1320757	SSF x LoA	-9,647	-0,107	0,283
CHR2	13219224	CHR2:13219224	SSF x LoA	-2,257	0,040	0,300
CHR2	13219260	CHR2:13219260	SSF x LoA	-8,941	-0,001	0,294
CHR2	13222521	CHR2:13222521	SSF x LoA	-8,843	0,034	0,299
CHR2	13222656	CHR2:13222656	SSF x LoA	-9,753	0,024	0,292
CHR2	13238589	CHR2:13238589	SSF x LoA	-7,060	-0,056	0,296
CHR2	13238615	CHR2:13238615	SSF x LoA	-5,361	0,223	0,284
CHR2	13238719	CHR2:13238719	SSF x LoA	-8,582	-0,068	0,289
CHR2	13238791	CHR2:13238791	SSF x LoA	-9,732	-0,009	0,277
CHR2	13285105	CHR2:13285105	SSF x LoA	-11,229	-0,036	0,294
CHR2	13285131	CHR2:13285131	SSF x LoA	-6,995	-0,042	0,291
CHR2	1328792	CHR2:1328792	SSF x LoA	-8,140	0,195	0,298
CHR2	1328870	CHR2:1328870	SSF x LoA	-4,023	0,145	0,293
CHR2	1328895	CHR2:1328895	SSF x LoA	-10,325	0,161	0,288
CHR2	1329022	CHR2:1329022	SSF x LoA	-6,086	-0,159	0,283
CHR2	13297638	CHR2:13297638	SSF x LoA	-7,668	0,020	0,291
CHR2	13297727	CHR2:13297727	SSF x LoA	-3,120	-0,108	0,299
CHR2	13298658	CHR2:13298658	SSF x LoA	-6,775	0,222	0,276
CHR2	13300968	CHR2:13300968	SSF x LoA	-8,237	-0,087	0,283
CHR2	1330720	CHR2:1330720	SSF x LoA	-6,003	-0,134	0,287
CHR2	1330774	CHR2:1330774	SSF x LoA	-9,534	0,052	0,283
CHR2	1330903	CHR2:1330903	SSF x LoA	-10,371	-0,009	0,305
CHR2	1330913	CHR2:1330913	SSF x LoA	-8,650	-0,012	0,287
CHR2	13311681	CHR2:13311681	SSF x LoA	-9,699	0,033	0,299
CHR2	13332852	CHR2:13332852	SSF x LoA	-8,758	-0,010	0,290
CHR2	13333187	CHR2:13333187	SSF x LoA	-8,129	-0,080	0,284
CHR2	13344809	CHR2:13344809	SSF x LoA	-8,674	-0,055	0,300
CHR2	13344820	CHR2:13344820	SSF x LoA	-7,848	0,100	0,307
CHR2	13345084	CHR2:13345084	SSF x LoA	-9,723	-0,007	0,296
CHR2	13351806	CHR2:13351806	SSF x LoA	-7,592	-0,041	0,301
CHR2	13359510	CHR2:13359510	SSF x LoA	0,113	-0,028	0,295
CHR2	13359533	CHR2:13359533	SSF x LoA	-10,273	0,084	0,284
CHR2	13359549	CHR2:13359549	SSF x LoA	-9,935	0,075	0,303
CHR2	13359595	CHR2:13359595	SSF x LoA	-7,507	0,050	0,295
CHR2	13360680	CHR2:13360680	SSF x LoA	-8,235	0,014	0,313
CHR2	13360834	CHR2:13360834	SSF x LoA	-8,147	-0,058	0,287
CHR2	13360868	CHR2:13360868	SSF x LoA	-8,257	-0,088	0,297
CHR2	13373891	CHR2:13373891	SSF x LoA	-10,735	-0,018	0,281

CHR2	13374129	CHR2:13374129	SSF x LoA	-7,931	0,058	0,293
CHR2	13386245	CHR2:13386245	SSF x LoA	-10,180	-0,006	0,292
CHR2	13398800	CHR2:13398800	SSF x LoA	-6,199	0,122	0,281
CHR2	13398882	CHR2:13398882	SSF x LoA	-7,622	0,046	0,293
CHR2	13399029	CHR2:13399029	SSF x LoA	-10,579	0,032	0,308
CHR2	13399042	CHR2:13399042	SSF x LoA	-10,255	0,050	0,293
CHR2	13399114	CHR2:13399114	SSF x LoA	-6,720	-0,070	0,291
CHR2	13418479	CHR2:13418479	SSF x LoA	-7,590	-0,134	0,290
CHR2	13431660	CHR2:13431660	SSF x LoA	-9,034	0,067	0,284
CHR2	13434049	CHR2:13434049	SSF x LoA	-8,143	0,027	0,284
CHR2	13452871	CHR2:13452871	SSF x LoA	-9,798	0,129	0,288
CHR2	13452975	CHR2:13452975	SSF x LoA	-10,206	0,021	0,293
CHR2	13453038	CHR2:13453038	SSF x LoA	-11,149	0,057	0,295
CHR2	13453080	CHR2:13453080	SSF x LoA	-8,360	-0,053	0,286
CHR2	13453779	CHR2:13453779	SSF x LoA	-9,587	-0,034	0,287
CHR2	13453991	CHR2:13453991	SSF x LoA	-6,000	0,002	0,312
CHR2	13453994	CHR2:13453994	SSF x LoA	-9,994	-0,070	0,281
CHR2	13454007	CHR2:13454007	SSF x LoA	-9,271	0,036	0,281
CHR2	13454054	CHR2:13454054	SSF x LoA	9,634	-0,040	0,290
CHR2	13463417	CHR2:13463417	SSF x LoA	-8,601	-0,015	0,288
CHR2	13464364	CHR2:13464364	SSF x LoA	-4,552	0,193	0,278
CHR2	13464411	CHR2:13464411	SSF x LoA	-8,517	-0,069	0,287
CHR2	13464511	CHR2:13464511	SSF x LoA	-4,988	0,199	0,270
CHR2	13464585	CHR2:13464585	SSF x LoA	-2,403	0,242	0,265
CHR2	13464680	CHR2:13464680	SSF x LoA	-10,617	0,055	0,282
CHR2	13473545	CHR2:13473545	SSF x LoA	-7,559	-0,114	0,275
CHR2	13473562	CHR2:13473562	SSF x LoA	-4,519	-0,182	0,275
CHR2	13473639	CHR2:13473639	SSF x LoA	-10,056	-0,017	0,293
CHR2	13473695	CHR2:13473695	SSF x LoA	-8,619	-0,073	0,290
CHR2	13473969	CHR2:13473969	SSF x LoA	-11,527	-0,017	0,293
CHR2	13484353	CHR2:13484353	SSF x LoA	-8,365	0,078	0,275
CHR2	13548039	CHR2:13548039	SSF x LoA	-9,708	0,083	0,291
CHR2	13548125	CHR2:13548125	SSF x LoA	-8,556	-0,057	0,286
CHR2	13548130	CHR2:13548130	SSF x LoA	-7,995	-0,033	0,294
CHR2	13548142	CHR2:13548142	SSF x LoA	-9,743	-0,072	0,277
CHR2	13548207	CHR2:13548207	SSF x LoA	-10,986	-0,082	0,280
CHR2	13548214	CHR2:13548214	SSF x LoA	-6,797	-0,085	0,299
CHR2	13551121	CHR2:13551121	SSF x LoA	-9,160	-0,100	0,291
CHR2	13551187	CHR2:13551187	SSF x LoA	-7,167	0,132	0,289
CHR2	13551247	CHR2:13551247	SSF x LoA	-7,682	0,050	0,275
CHR2	13568114	CHR2:13568114	SSF x LoA	-6,713	0,119	0,284
CHR2	13576488	CHR2:13576488	SSF x LoA	-10,119	-0,013	0,283
CHR2	13576551	CHR2:13576551	SSF x LoA	-11,087	0,075	0,284
CHR2	13577777	CHR2:13577777	SSF x LoA	-9,910	-0,117	0,274
CHR2	13577992	CHR2:13577992	SSF x LoA	-8,786	-0,038	0,279
CHR2	1359276	CHR2:1359276	SSF x LoA	-1,467	-0,225	0,281
CHR2	1359335	CHR2:1359335	SSF x LoA	-10,375	0,022	0,277
CHR2	13607012	CHR2:13607012	SSF x LoA	-9,236	-0,039	0,280
CHR2	13607342	CHR2:13607342	SSF x LoA	-9,637	0,069	0,305
CHR2	13607461	CHR2:13607461	SSF x LoA	-9,914	-0,054	0,285
CHR2	13607462	CHR2:13607462	SSF x LoA	-10,660	0,072	0,306
CHR2	13607464	CHR2:13607464	SSF x LoA	-7,465	-0,035	0,315
CHR2	13607469	CHR2:13607469	SSF x LoA	-8,254	0,057	0,304

CHR2	13613706	CHR2:13613706	SSF x LoA	-9,762	0,020	0,284
CHR2	13613733	CHR2:13613733	SSF x LoA	-8,358	-0,004	0,288
CHR2	13615297	CHR2:13615297	SSF x LoA	-7,332	0,023	0,293
CHR2	13615334	CHR2:13615334	SSF x LoA	-9,152	0,071	0,281
CHR2	13615340	CHR2:13615340	SSF x LoA	-7,679	0,019	0,285
CHR2	13615409	CHR2:13615409	SSF x LoA	-5,298	0,078	0,295
CHR2	13632796	CHR2:13632796	SSF x LoA	-10,528	-0,022	0,299
CHR2	13657109	CHR2:13657109	SSF x LoA	-9,791	-0,017	0,296
CHR2	13657126	CHR2:13657126	SSF x LoA	-10,727	0,016	0,280
CHR2	13657148	CHR2:13657148	SSF x LoA	-9,984	0,038	0,298
CHR2	13657342	CHR2:13657342	SSF x LoA	-8,685	-0,103	0,280
CHR2	13665205	CHR2:13665205	SSF x LoA	-10,070	0,002	0,301
CHR2	13665221	CHR2:13665221	SSF x LoA	-8,180	-0,011	0,275
CHR2	13673911	CHR2:13673911	SSF x LoA	-10,230	0,053	0,291
CHR2	13678442	CHR2:13678442	SSF x LoA	-8,702	0,103	0,293
CHR2	13678468	CHR2:13678468	SSF x LoA	-11,009	-0,027	0,285
CHR2	13678503	CHR2:13678503	SSF x LoA	-6,590	-0,139	0,280
CHR2	13678515	CHR2:13678515	SSF x LoA	-9,784	0,008	0,280
CHR2	13678661	CHR2:13678661	SSF x LoA	-9,402	0,101	0,291
CHR2	13678767	CHR2:13678767	SSF x LoA	-6,747	0,131	0,280
CHR2	13678775	CHR2:13678775	SSF x LoA	-5,829	-0,210	0,277
CHR2	13678827	CHR2:13678827	SSF x LoA	-8,899	-0,007	0,287
CHR2	13678847	CHR2:13678847	SSF x LoA	-8,602	-0,065	0,297
CHR2	13702065	CHR2:13702065	SSF x LoA	-8,891	-0,019	0,279
CHR2	13702116	CHR2:13702116	SSF x LoA	-6,521	-0,090	0,281
CHR2	13702138	CHR2:13702138	SSF x LoA	-8,989	0,131	0,277
CHR2	13703989	CHR2:13703989	SSF x LoA	-5,413	0,016	0,284
CHR2	13707441	CHR2:13707441	SSF x LoA	-9,603	0,153	0,272
CHR2	13707462	CHR2:13707462	SSF x LoA	-7,336	0,057	0,287
CHR2	13707537	CHR2:13707537	SSF x LoA	-3,176	-0,157	0,287
CHR2	13707572	CHR2:13707572	SSF x LoA	-9,871	-0,042	0,280
CHR2	13707597	CHR2:13707597	SSF x LoA	-7,643	0,055	0,296
CHR2	13707607	CHR2:13707607	SSF x LoA	-5,528	-0,134	0,286
CHR2	13717237	CHR2:13717237	SSF x LoA	-4,031	0,067	0,296
CHR2	13717250	CHR2:13717250	SSF x LoA	-11,127	-0,025	0,296
CHR2	13717252	CHR2:13717252	SSF x LoA	-7,497	0,088	0,301
CHR2	13717271	CHR2:13717271	SSF x LoA	-10,721	-0,004	0,281
CHR2	13723640	CHR2:13723640	SSF x LoA	-10,733	-0,019	0,291
CHR2	13723749	CHR2:13723749	SSF x LoA	-9,009	0,033	0,293
CHR2	13747242	CHR2:13747242	SSF x LoA	-8,896	0,003	0,283
CHR2	13747247	CHR2:13747247	SSF x LoA	-8,292	0,004	0,291
CHR2	13779888	CHR2:13779888	SSF x LoA	-7,007	0,126	0,277
CHR2	13779976	CHR2:13779976	SSF x LoA	-10,520	0,069	0,289
CHR2	13792535	CHR2:13792535	SSF x LoA	-9,824	-0,035	0,290
CHR2	13802624	CHR2:13802624	SSF x LoA	-5,690	-0,099	0,284
CHR2	13805423	CHR2:13805423	SSF x LoA	-7,941	0,162	0,282
CHR2	13805439	CHR2:13805439	SSF x LoA	-8,712	0,006	0,294
CHR2	13805657	CHR2:13805657	SSF x LoA	-6,409	-0,133	0,276
CHR2	13805880	CHR2:13805880	SSF x LoA	-5,594	-0,055	0,307
CHR2	13817170	CHR2:13817170	SSF x LoA	-8,177	-0,015	0,306
CHR2	13818438	CHR2:13818438	SSF x LoA	-10,311	0,059	0,277
CHR2	13821266	CHR2:13821266	SSF x LoA	-10,989	0,017	0,295
CHR2	13821295	CHR2:13821295	SSF x LoA	-8,462	0,004	0,281

CHR2	13844333	CHR2:13844333	SSF x LoA	-9,004	0,114	0,288
CHR2	13878008	CHR2:13878008	SSF x LoA	-8,706	-0,046	0,281
CHR2	13904484	CHR2:13904484	SSF x LoA	-11,390	0,021	0,289
CHR2	13908890	CHR2:13908890	SSF x LoA	-11,141	0,050	0,280
CHR2	13908934	CHR2:13908934	SSF x LoA	-11,442	0,041	0,298
CHR2	13909232	CHR2:13909232	SSF x LoA	-7,034	-0,112	0,299
CHR2	13946011	CHR2:13946011	SSF x LoA	-9,193	0,052	0,288
CHR2	13957095	CHR2:13957095	SSF x LoA	-9,996	-0,091	0,284
CHR2	13957114	CHR2:13957114	SSF x LoA	-7,869	0,063	0,273
CHR2	13957126	CHR2:13957126	SSF x LoA	-7,186	-0,031	0,288
CHR2	13957311	CHR2:13957311	SSF x LoA	-7,777	0,016	0,297
CHR2	13957327	CHR2:13957327	SSF x LoA	-10,180	0,009	0,293
CHR2	13957331	CHR2:13957331	SSF x LoA	-10,027	0,024	0,286
CHR2	13957366	CHR2:13957366	SSF x LoA	-9,864	0,031	0,284
CHR2	13975176	CHR2:13975176	SSF x LoA	-4,996	0,170	0,289
CHR2	13975178	CHR2:13975178	SSF x LoA	-6,750	0,200	0,282
CHR2	13983286	CHR2:13983286	SSF x LoA	-9,791	-0,068	0,291
CHR2	13983353	CHR2:13983353	SSF x LoA	-8,794	0,072	0,280
CHR2	13985786	CHR2:13985786	SSF x LoA	-11,443	0,019	0,288
CHR2	13985985	CHR2:13985985	SSF x LoA	-9,228	0,020	0,294
CHR2	13986003	CHR2:13986003	SSF x LoA	-10,743	-0,022	0,288
CHR2	13986063	CHR2:13986063	SSF x LoA	-10,201	-0,043	0,274
CHR2	13988606	CHR2:13988606	SSF x LoA	-9,057	-0,097	0,285
CHR2	13991766	CHR2:13991766	SSF x LoA	-6,668	-0,082	0,292
CHR2	13991786	CHR2:13991786	SSF x LoA	-8,334	0,038	0,292
CHR2	14001353	CHR2:14001353	SSF x LoA	-7,067	0,173	0,283
CHR2	14001454	CHR2:14001454	SSF x LoA	-8,094	-0,055	0,284
CHR2	14002782	CHR2:14002782	SSF x LoA	-10,872	-0,067	0,293
CHR2	14002916	CHR2:14002916	SSF x LoA	-5,530	-0,130	0,283
CHR2	1400739	CHR2:1400739	SSF x LoA	-1,514	-0,198	0,297
CHR2	1400746	CHR2:1400746	SSF x LoA	-8,478	0,138	0,270
CHR2	1400834	CHR2:1400834	SSF x LoA	-8,873	-0,054	0,286
CHR2	14033445	CHR2:14033445	SSF x LoA	-7,429	0,071	0,304
CHR2	14034679	CHR2:14034679	SSF x LoA	-7,724	-0,055	0,285
CHR2	14034707	CHR2:14034707	SSF x LoA	-5,017	-0,057	0,295
CHR2	14034816	CHR2:14034816	SSF x LoA	-9,799	-0,090	0,295
CHR2	14038915	CHR2:14038915	SSF x LoA	-8,211	-0,080	0,290
CHR2	1404422	CHR2:1404422	SSF x LoA	-6,753	-0,160	0,285
CHR2	1404492	CHR2:1404492	SSF x LoA	-6,882	-0,038	0,289
CHR2	14048170	CHR2:14048170	SSF x LoA	-11,335	0,044	0,281
CHR2	14048200	CHR2:14048200	SSF x LoA	-11,348	0,000	0,289
CHR2	14048230	CHR2:14048230	SSF x LoA	-9,643	0,103	0,296
CHR2	14048268	CHR2:14048268	SSF x LoA	-10,797	0,030	0,303
CHR2	14048389	CHR2:14048389	SSF x LoA	-7,687	0,072	0,307
CHR2	14059464	CHR2:14059464	SSF x LoA	-10,168	-0,103	0,282
CHR2	14059475	CHR2:14059475	SSF x LoA	-9,571	-0,085	0,288
CHR2	14082318	CHR2:14082318	SSF x LoA	-4,237	0,216	0,275
CHR2	14091630	CHR2:14091630	SSF x LoA	-9,868	-0,008	0,292
CHR2	14091705	CHR2:14091705	SSF x LoA	-9,036	-0,015	0,295
CHR2	14091730	CHR2:14091730	SSF x LoA	-10,832	-0,055	0,286
CHR2	14094813	CHR2:14094813	SSF x LoA	-8,225	0,026	0,281
CHR2	1411172	CHR2:1411172	SSF x LoA	-10,286	0,041	0,287
CHR2	1411240	CHR2:1411240	SSF x LoA	-7,831	0,108	0,282

CHR2	1411248	CHR2:1411248	SSF x LoA	-4,373	-0,190	0,269
CHR2	14115122	CHR2:14115122	SSF x LoA	-10,044	-0,070	0,292
CHR2	14115175	CHR2:14115175	SSF x LoA	-5,323	0,131	0,288
CHR2	14115246	CHR2:14115246	SSF x LoA	-10,116	0,089	0,294
CHR2	14115262	CHR2:14115262	SSF x LoA	-4,030	0,134	0,297
CHR2	14120959	CHR2:14120959	SSF x LoA	-9,342	0,028	0,295
CHR2	14129511	CHR2:14129511	SSF x LoA	8,780	-0,151	0,294
CHR2	14129531	CHR2:14129531	SSF x LoA	-5,061	-0,140	0,275
CHR2	14129543	CHR2:14129543	SSF x LoA	-6,078	-0,147	0,278
CHR2	14135086	CHR2:14135086	SSF x LoA	-8,117	-0,035	0,289
CHR2	14135245	CHR2:14135245	SSF x LoA	-10,385	0,001	0,292
CHR2	14156928	CHR2:14156928	SSF x LoA	-9,436	0,053	0,296
CHR2	14156984	CHR2:14156984	SSF x LoA	-9,661	0,004	0,290
CHR2	14157013	CHR2:14157013	SSF x LoA	-9,173	-0,034	0,293
CHR2	14157022	CHR2:14157022	SSF x LoA	-9,620	-0,065	0,288
CHR2	14157056	CHR2:14157056	SSF x LoA	-7,811	-0,020	0,295
CHR2	14157214	CHR2:14157214	SSF x LoA	-6,686	-0,094	0,307
CHR2	14157222	CHR2:14157222	SSF x LoA	-7,190	0,108	0,297
CHR2	14173894	CHR2:14173894	SSF x LoA	-9,472	0,040	0,293
CHR2	14183298	CHR2:14183298	SSF x LoA	-1,746	0,139	0,293
CHR2	14183511	CHR2:14183511	SSF x LoA	-9,567	-0,097	0,278
CHR2	14183583	CHR2:14183583	SSF x LoA	-8,862	0,061	0,295
CHR2	14183683	CHR2:14183683	SSF x LoA	-9,250	-0,065	0,293
CHR2	1419789	CHR2:1419789	SSF x LoA	-6,737	0,037	0,283
CHR2	1419820	CHR2:1419820	SSF x LoA	-9,728	0,102	0,288
CHR2	1419857	CHR2:1419857	SSF x LoA	-5,993	0,137	0,288
CHR2	1419874	CHR2:1419874	SSF x LoA	1,278	-0,212	0,284
CHR2	1419876	CHR2:1419876	SSF x LoA	-8,800	0,148	0,292
CHR2	1419913	CHR2:1419913	SSF x LoA	-4,056	0,203	0,290
CHR2	14199170	CHR2:14199170	SSF x LoA	-4,912	-0,139	0,292
CHR2	14199222	CHR2:14199222	SSF x LoA	-7,326	0,198	0,278
CHR2	14199279	CHR2:14199279	SSF x LoA	-7,230	-0,107	0,285
CHR2	14199286	CHR2:14199286	SSF x LoA	-8,419	-0,044	0,284
CHR2	1419929	CHR2:1419929	SSF x LoA	-6,523	-0,100	0,291
CHR2	1420225	CHR2:1420225	SSF x LoA	-10,364	0,052	0,291
CHR2	14204115	CHR2:14204115	SSF x LoA	-2,889	-0,092	0,293
CHR2	14204194	CHR2:14204194	SSF x LoA	-8,233	0,131	0,282
CHR2	14204227	CHR2:14204227	SSF x LoA	-8,347	-0,099	0,289
CHR2	14204283	CHR2:14204283	SSF x LoA	-8,155	0,052	0,289
CHR2	14204288	CHR2:14204288	SSF x LoA	-7,518	0,065	0,287
CHR2	14204299	CHR2:14204299	SSF x LoA	-6,618	0,124	0,279
CHR2	14209384	CHR2:14209384	SSF x LoA	-10,386	-0,027	0,276
CHR2	14209508	CHR2:14209508	SSF x LoA	-10,634	-0,003	0,302
CHR2	14233949	CHR2:14233949	SSF x LoA	-7,433	0,079	0,299
CHR2	14233987	CHR2:14233987	SSF x LoA	-6,262	0,135	0,297
CHR2	14234043	CHR2:14234043	SSF x LoA	-1,707	-0,065	0,288
CHR2	14258509	CHR2:14258509	SSF x LoA	-7,178	-0,076	0,280
CHR2	14258559	CHR2:14258559	SSF x LoA	-7,419	0,084	0,259
CHR2	14258574	CHR2:14258574	SSF x LoA	-7,650	0,046	0,283
CHR2	14258683	CHR2:14258683	SSF x LoA	-10,566	-0,017	0,289
CHR2	14262224	CHR2:14262224	SSF x LoA	-10,048	0,061	0,277
CHR2	14264941	CHR2:14264941	SSF x LoA	-8,536	-0,095	0,284
CHR2	14265056	CHR2:14265056	SSF x LoA	-9,308	-0,091	0,297

CHR2	14265086	CHR2:14265086	SSF x LoA	-9,291	-0,108	0,298
CHR2	14285742	CHR2:14285742	SSF x LoA	-9,531	0,010	0,290
CHR2	14285850	CHR2:14285850	SSF x LoA	-9,429	-0,031	0,277
CHR2	14285898	CHR2:14285898	SSF x LoA	-7,417	-0,074	0,292
CHR2	14285903	CHR2:14285903	SSF x LoA	-8,620	-0,074	0,283
CHR2	14285904	CHR2:14285904	SSF x LoA	-5,723	-0,070	0,292
CHR2	14285913	CHR2:14285913	SSF x LoA	-7,892	-0,067	0,292
CHR2	14285914	CHR2:14285914	SSF x LoA	-6,243	-0,076	0,283
CHR2	14285924	CHR2:14285924	SSF x LoA	-8,256	-0,077	0,292
CHR2	14285954	CHR2:14285954	SSF x LoA	-8,495	-0,062	0,286
CHR2	14287691	CHR2:14287691	SSF x LoA	-9,275	-0,062	0,288
CHR2	14289041	CHR2:14289041	SSF x LoA	-6,645	0,035	0,283
CHR2	14289105	CHR2:14289105	SSF x LoA	-8,496	0,111	0,287
CHR2	14289153	CHR2:14289153	SSF x LoA	-8,473	0,084	0,259
CHR2	14301171	CHR2:14301171	SSF x LoA	-8,697	0,030	0,306
CHR2	14318981	CHR2:14318981	SSF x LoA	-6,567	0,146	0,277
CHR2	14334844	CHR2:14334844	SSF x LoA	-10,360	-0,053	0,286
CHR2	14334845	CHR2:14334845	SSF x LoA	-8,750	-0,055	0,295
CHR2	14334856	CHR2:14334856	SSF x LoA	-7,635	-0,077	0,285
CHR2	14344130	CHR2:14344130	SSF x LoA	-5,964	0,094	0,300
CHR2	14344257	CHR2:14344257	SSF x LoA	-8,794	-0,004	0,300
CHR2	14347415	CHR2:14347415	SSF x LoA	-7,046	-0,039	0,291
CHR2	14347594	CHR2:14347594	SSF x LoA	-10,087	0,038	0,288
CHR2	14347664	CHR2:14347664	SSF x LoA	-7,932	-0,038	0,299
CHR2	14347743	CHR2:14347743	SSF x LoA	-9,483	0,124	0,299
CHR2	14366440	CHR2:14366440	SSF x LoA	-9,458	-0,010	0,294
CHR2	14372184	CHR2:14372184	SSF x LoA	-9,020	0,000	0,279
CHR2	14372218	CHR2:14372218	SSF x LoA	-10,657	0,028	0,292
CHR2	14372311	CHR2:14372311	SSF x LoA	-11,297	-0,052	0,289
CHR2	14372366	CHR2:14372366	SSF x LoA	-10,652	-0,023	0,293
CHR2	14372382	CHR2:14372382	SSF x LoA	-10,470	-0,056	0,297
CHR2	14390524	CHR2:14390524	SSF x LoA	-10,377	0,033	0,296
CHR2	14390615	CHR2:14390615	SSF x LoA	-6,696	0,061	0,292
CHR2	14395954	CHR2:14395954	SSF x LoA	-6,545	0,180	0,280
CHR2	14396722	CHR2:14396722	SSF x LoA	-7,318	0,065	0,296
CHR2	14401497	CHR2:14401497	SSF x LoA	-6,111	-0,095	0,298
CHR2	14401685	CHR2:14401685	SSF x LoA	-9,152	-0,104	0,286
CHR2	14401710	CHR2:14401710	SSF x LoA	-9,321	0,055	0,303
CHR2	14401913	CHR2:14401913	SSF x LoA	-9,273	0,037	0,281
CHR2	14407209	CHR2:14407209	SSF x LoA	-9,218	-0,054	0,284
CHR2	14407508	CHR2:14407508	SSF x LoA	-8,123	-0,030	0,269
CHR2	14407576	CHR2:14407576	SSF x LoA	-6,901	0,159	0,291
CHR2	14441801	CHR2:14441801	SSF x LoA	-7,783	0,085	0,288
CHR2	14441826	CHR2:14441826	SSF x LoA	-8,416	0,045	0,284
CHR2	14441905	CHR2:14441905	SSF x LoA	-11,186	-0,025	0,275
CHR2	14441932	CHR2:14441932	SSF x LoA	-7,007	0,005	0,294
CHR2	14442063	CHR2:14442063	SSF x LoA	-10,338	-0,012	0,290
CHR2	14442180	CHR2:14442180	SSF x LoA	-7,548	-0,019	0,273
CHR2	14452455	CHR2:14452455	SSF x LoA	-3,348	0,196	0,287
CHR2	14452456	CHR2:14452456	SSF x LoA	-4,629	0,171	0,287
CHR2	14452465	CHR2:14452465	SSF x LoA	-4,411	0,214	0,284
CHR2	14452645	CHR2:14452645	SSF x LoA	-6,640	-0,127	0,294
CHR2	14458830	CHR2:14458830	SSF x LoA	-10,627	-0,027	0,279

CHR2	14458881	CHR2:14458881	SSF x LoA	-8,580	0,096	0,292
CHR2	14459556	CHR2:14459556	SSF x LoA	-8,437	0,128	0,292
CHR2	14467809	CHR2:14467809	SSF x LoA	-11,141	-0,029	0,296
CHR2	14470925	CHR2:14470925	SSF x LoA	-8,924	-0,081	0,307
CHR2	14473048	CHR2:14473048	SSF x LoA	-10,540	0,114	0,277
CHR2	14512356	CHR2:14512356	SSF x LoA	-7,095	0,142	0,303
CHR2	14512380	CHR2:14512380	SSF x LoA	-8,987	-0,007	0,286
CHR2	14535259	CHR2:14535259	SSF x LoA	-9,106	0,036	0,300
CHR2	14547421	CHR2:14547421	SSF x LoA	-10,097	-0,064	0,293
CHR2	14547454	CHR2:14547454	SSF x LoA	-10,648	-0,072	0,296
CHR2	14547458	CHR2:14547458	SSF x LoA	-5,001	-0,024	0,301
CHR2	14551691	CHR2:14551691	SSF x LoA	-6,356	0,127	0,289
CHR2	14552393	CHR2:14552393	SSF x LoA	-8,627	-0,045	0,296
CHR2	1457362	CHR2:1457362	SSF x LoA	-10,604	0,010	0,284
CHR2	1457422	CHR2:1457422	SSF x LoA	-0,634	0,211	0,275
CHR2	1457450	CHR2:1457450	SSF x LoA	-6,041	-0,146	0,294
CHR2	1457452	CHR2:1457452	SSF x LoA	5,753	-0,161	0,285
CHR2	1457455	CHR2:1457455	SSF x LoA	-6,522	-0,193	0,295
CHR2	1457457	CHR2:1457457	SSF x LoA	-6,547	-0,194	0,283
CHR2	1457460	CHR2:1457460	SSF x LoA	-3,860	-0,135	0,298
CHR2	14587598	CHR2:14587598	SSF x LoA	-11,097	-0,061	0,273
CHR2	1460299	CHR2:1460299	SSF x LoA	-8,169	0,085	0,292
CHR2	1460303	CHR2:1460303	SSF x LoA	-6,527	0,125	0,276
CHR2	1460345	CHR2:1460345	SSF x LoA	-9,150	0,023	0,266
CHR2	1460351	CHR2:1460351	SSF x LoA	-7,360	0,105	0,277
CHR2	14653415	CHR2:14653415	SSF x LoA	-9,823	0,067	0,282
CHR2	14653587	CHR2:14653587	SSF x LoA	-7,738	0,065	0,283
CHR2	14657417	CHR2:14657417	SSF x LoA	-8,774	0,020	0,281
CHR2	14659653	CHR2:14659653	SSF x LoA	-8,583	-0,029	0,284
CHR2	14659722	CHR2:14659722	SSF x LoA	-9,594	0,025	0,280
CHR2	14659755	CHR2:14659755	SSF x LoA	-11,338	-0,034	0,279
CHR2	14659821	CHR2:14659821	SSF x LoA	-6,694	-0,068	0,292
CHR2	14659854	CHR2:14659854	SSF x LoA	-7,621	-0,033	0,293
CHR2	14682751	CHR2:14682751	SSF x LoA	-9,104	0,056	0,281
CHR2	1470139	CHR2:1470139	SSF x LoA	-12,015	-0,023	0,286
CHR2	1470543	CHR2:1470543	SSF x LoA	-9,307	-0,103	0,275
CHR2	14716111	CHR2:14716111	SSF x LoA	-7,748	-0,051	0,301
CHR2	14718421	CHR2:14718421	SSF x LoA	-4,125	0,155	0,286
CHR2	14718432	CHR2:14718432	SSF x LoA	-7,319	0,077	0,282
CHR2	14718490	CHR2:14718490	SSF x LoA	-6,678	-0,056	0,288
CHR2	14718520	CHR2:14718520	SSF x LoA	-4,123	0,054	0,303
CHR2	14718557	CHR2:14718557	SSF x LoA	-7,202	0,077	0,287
CHR2	14718558	CHR2:14718558	SSF x LoA	-9,081	0,118	0,295
CHR2	14733342	CHR2:14733342	SSF x LoA	-6,852	0,160	0,283
CHR2	14733362	CHR2:14733362	SSF x LoA	-7,377	-0,153	0,282
CHR2	14733379	CHR2:14733379	SSF x LoA	-6,715	0,096	0,292
CHR2	14733475	CHR2:14733475	SSF x LoA	-9,534	-0,021	0,285
CHR2	14733501	CHR2:14733501	SSF x LoA	-7,754	-0,065	0,292
CHR2	14733502	CHR2:14733502	SSF x LoA	-9,570	-0,056	0,274
CHR2	14753104	CHR2:14753104	SSF x LoA	-4,637	0,149	0,302
CHR2	14754370	CHR2:14754370	SSF x LoA	-10,802	0,046	0,279
CHR2	14754480	CHR2:14754480	SSF x LoA	-8,245	-0,057	0,295
CHR2	14756292	CHR2:14756292	SSF x LoA	-9,169	-0,114	0,278

CHR2	14768679	CHR2:14768679	SSF x LoA	-10,347	-0,057	0,300
CHR2	14768729	CHR2:14768729	SSF x LoA	-7,239	-0,081	0,285
CHR2	14768731	CHR2:14768731	SSF x LoA	-9,303	0,020	0,281
CHR2	14768761	CHR2:14768761	SSF x LoA	-6,199	0,109	0,292
CHR2	14768802	CHR2:14768802	SSF x LoA	-11,637	-0,036	0,294
CHR2	14769019	CHR2:14769019	SSF x LoA	-8,604	-0,048	0,285
CHR2	14780995	CHR2:14780995	SSF x LoA	-8,619	-0,006	0,282
CHR2	14781135	CHR2:14781135	SSF x LoA	-9,153	-0,056	0,269
CHR2	14784711	CHR2:14784711	SSF x LoA	-7,874	-0,129	0,291
CHR2	14784717	CHR2:14784717	SSF x LoA	-9,407	-0,096	0,272
CHR2	14801774	CHR2:14801774	SSF x LoA	-8,280	0,099	0,289
CHR2	14801874	CHR2:14801874	SSF x LoA	-8,303	-0,059	0,283
CHR2	14812194	CHR2:14812194	SSF x LoA	-10,485	-0,084	0,286
CHR2	14812297	CHR2:14812297	SSF x LoA	-7,498	-0,201	0,292
CHR2	14812307	CHR2:14812307	SSF x LoA	-5,664	-0,036	0,281
CHR2	14818998	CHR2:14818998	SSF x LoA	-6,719	0,048	0,295
CHR2	14823482	CHR2:14823482	SSF x LoA	-8,991	-0,043	0,283
CHR2	14827547	CHR2:14827547	SSF x LoA	-6,066	0,158	0,298
CHR2	14827554	CHR2:14827554	SSF x LoA	-9,928	-0,051	0,284
CHR2	14840400	CHR2:14840400	SSF x LoA	-11,041	-0,086	0,281
CHR2	14840412	CHR2:14840412	SSF x LoA	-7,134	0,080	0,301
CHR2	14840429	CHR2:14840429	SSF x LoA	-7,734	0,071	0,286
CHR2	14840459	CHR2:14840459	SSF x LoA	-6,937	0,057	0,301
CHR2	14840468	CHR2:14840468	SSF x LoA	-4,850	0,045	0,292
CHR2	14840507	CHR2:14840507	SSF x LoA	-7,322	0,025	0,273
CHR2	14840681	CHR2:14840681	SSF x LoA	-7,301	0,013	0,284
CHR2	14840741	CHR2:14840741	SSF x LoA	-8,476	-0,006	0,294
CHR2	14840756	CHR2:14840756	SSF x LoA	-8,519	0,052	0,291
CHR2	14840816	CHR2:14840816	SSF x LoA	-8,206	0,043	0,303
CHR2	1484345	CHR2:1484345	SSF x LoA	-8,954	0,167	0,267
CHR2	1484527	CHR2:1484527	SSF x LoA	-9,339	-0,116	0,281
CHR2	1484568	CHR2:1484568	SSF x LoA	-9,482	-0,069	0,275
CHR2	1484667	CHR2:1484667	SSF x LoA	-7,124	0,100	0,293
CHR2	14855245	CHR2:14855245	SSF x LoA	-9,576	-0,137	0,282
CHR2	14855377	CHR2:14855377	SSF x LoA	-8,803	0,063	0,282
CHR2	14855389	CHR2:14855389	SSF x LoA	-11,565	-0,001	0,297
CHR2	14861126	CHR2:14861126	SSF x LoA	-10,402	-0,014	0,286
CHR2	14861138	CHR2:14861138	SSF x LoA	-9,368	-0,024	0,280
CHR2	14861308	CHR2:14861308	SSF x LoA	-7,219	0,054	0,302
CHR2	14861457	CHR2:14861457	SSF x LoA	-7,136	0,010	0,285
CHR2	14872062	CHR2:14872062	SSF x LoA	-10,885	-0,066	0,287
CHR2	14872073	CHR2:14872073	SSF x LoA	-4,203	0,004	0,298
CHR2	14872094	CHR2:14872094	SSF x LoA	-9,225	-0,042	0,280
CHR2	14872203	CHR2:14872203	SSF x LoA	-7,792	0,103	0,283
CHR2	14872308	CHR2:14872308	SSF x LoA	-0,597	0,157	0,295
CHR2	14872324	CHR2:14872324	SSF x LoA	-9,921	-0,063	0,289
CHR2	14872360	CHR2:14872360	SSF x LoA	-9,406	0,146	0,280
CHR2	14878415	CHR2:14878415	SSF x LoA	-9,522	-0,162	0,265
CHR2	14878434	CHR2:14878434	SSF x LoA	-8,840	-0,050	0,294
CHR2	14878521	CHR2:14878521	SSF x LoA	-10,811	-0,001	0,286
CHR2	14878526	CHR2:14878526	SSF x LoA	-8,933	0,088	0,286
CHR2	14921401	CHR2:14921401	SSF x LoA	-6,580	0,105	0,304
CHR2	14921431	CHR2:14921431	SSF x LoA	-7,633	0,016	0,300

CHR2	14939219	CHR2:14939219	SSF x LoA	-11,918	-0,016	0,292
CHR2	14939237	CHR2:14939237	SSF x LoA	-9,125	0,004	0,282
CHR2	14939314	CHR2:14939314	SSF x LoA	-8,086	-0,020	0,290
CHR2	14941969	CHR2:14941969	SSF x LoA	-8,821	-0,042	0,295
CHR2	14942069	CHR2:14942069	SSF x LoA	-7,879	-0,046	0,286
CHR2	14942244	CHR2:14942244	SSF x LoA	-7,748	0,002	0,291
CHR2	14954367	CHR2:14954367	SSF x LoA	-9,775	0,004	0,286
CHR2	14954428	CHR2:14954428	SSF x LoA	-7,304	0,088	0,288
CHR2	14954448	CHR2:14954448	SSF x LoA	-5,455	-0,220	0,272
CHR2	14961722	CHR2:14961722	SSF x LoA	-8,568	0,004	0,295
CHR2	1496696	CHR2:1496696	SSF x LoA	-9,950	-0,014	0,281
CHR2	1496879	CHR2:1496879	SSF x LoA	-9,634	0,002	0,294
CHR2	14970666	CHR2:14970666	SSF x LoA	-7,230	-0,049	0,285
CHR2	14970694	CHR2:14970694	SSF x LoA	-10,659	0,013	0,276
CHR2	14970870	CHR2:14970870	SSF x LoA	-9,045	0,122	0,300
CHR2	14976552	CHR2:14976552	SSF x LoA	-8,959	0,011	0,303
CHR2	14976553	CHR2:14976553	SSF x LoA	-8,526	0,015	0,291
CHR2	14976704	CHR2:14976704	SSF x LoA	-7,775	0,083	0,284
CHR2	15005392	CHR2:15005392	SSF x LoA	-9,665	-0,057	0,287
CHR2	1502051	CHR2:1502051	SSF x LoA	-9,874	-0,034	0,291
CHR2	15046934	CHR2:15046934	SSF x LoA	-9,645	0,094	0,283
CHR2	15047169	CHR2:15047169	SSF x LoA	-6,981	-0,078	0,286
CHR2	15055208	CHR2:15055208	SSF x LoA	-8,711	0,030	0,293
CHR2	15055252	CHR2:15055252	SSF x LoA	-9,345	-0,021	0,301
CHR2	15055261	CHR2:15055261	SSF x LoA	-8,293	0,050	0,299
CHR2	15055270	CHR2:15055270	SSF x LoA	-8,650	-0,002	0,295
CHR2	15055330	CHR2:15055330	SSF x LoA	-9,693	0,026	0,282
CHR2	15055519	CHR2:15055519	SSF x LoA	-10,912	-0,068	0,285
CHR2	15069655	CHR2:15069655	SSF x LoA	-1,020	0,054	0,308
CHR2	15071846	CHR2:15071846	SSF x LoA	-9,864	0,046	0,291
CHR2	15082803	CHR2:15082803	SSF x LoA	-8,560	-0,035	0,285
CHR2	15095646	CHR2:15095646	SSF x LoA	-9,456	0,065	0,298
CHR2	15095697	CHR2:15095697	SSF x LoA	-9,761	0,003	0,284
CHR2	15095732	CHR2:15095732	SSF x LoA	-8,948	-0,056	0,299
CHR2	15095858	CHR2:15095858	SSF x LoA	-11,394	-0,003	0,279
CHR2	15111374	CHR2:15111374	SSF x LoA	-2,886	-0,133	0,282
CHR2	15111441	CHR2:15111441	SSF x LoA	-8,278	0,017	0,291
CHR2	15115137	CHR2:15115137	SSF x LoA	-10,082	-0,008	0,300
CHR2	15115138	CHR2:15115138	SSF x LoA	-3,377	0,168	0,288
CHR2	15115167	CHR2:15115167	SSF x LoA	-10,232	0,038	0,300
CHR2	15115168	CHR2:15115168	SSF x LoA	-9,616	-0,149	0,290
CHR2	15115209	CHR2:15115209	SSF x LoA	-10,979	0,033	0,291
CHR2	15115217	CHR2:15115217	SSF x LoA	-8,498	-0,110	0,277
CHR2	15115263	CHR2:15115263	SSF x LoA	-8,174	-0,116	0,287
CHR2	15128939	CHR2:15128939	SSF x LoA	-8,255	0,119	0,294
CHR2	15132293	CHR2:15132293	SSF x LoA	-6,435	0,045	0,280
CHR2	15133834	CHR2:15133834	SSF x LoA	-10,765	-0,062	0,279
CHR2	15133891	CHR2:15133891	SSF x LoA	-7,551	0,018	0,291
CHR2	15133939	CHR2:15133939	SSF x LoA	-9,242	0,086	0,300
CHR2	15134219	CHR2:15134219	SSF x LoA	-8,597	-0,085	0,301
CHR2	15142621	CHR2:15142621	SSF x LoA	-7,358	-0,086	0,282
CHR2	15142658	CHR2:15142658	SSF x LoA	-7,928	-0,097	0,282
CHR2	15146741	CHR2:15146741	SSF x LoA	-8,179	0,075	0,302

CHR2	15146752	CHR2:15146752	SSF x LoA	-9,746	0,046	0,292
CHR2	15146764	CHR2:15146764	SSF x LoA	-9,687	0,026	0,289
CHR2	15149368	CHR2:15149368	SSF x LoA	-7,839	0,051	0,291
CHR2	15159496	CHR2:15159496	SSF x LoA	-10,509	-0,005	0,285
CHR2	15172288	CHR2:15172288	SSF x LoA	-9,193	0,042	0,291
CHR2	15172377	CHR2:15172377	SSF x LoA	-8,705	0,026	0,278
CHR2	15172409	CHR2:15172409	SSF x LoA	-7,885	-0,077	0,291
CHR2	15172411	CHR2:15172411	SSF x LoA	-7,252	-0,101	0,299
CHR2	15172420	CHR2:15172420	SSF x LoA	-9,325	-0,157	0,281
CHR2	15208569	CHR2:15208569	SSF x LoA	-6,251	-0,211	0,281
CHR2	15208609	CHR2:15208609	SSF x LoA	-8,782	-0,035	0,285
CHR2	15210638	CHR2:15210638	SSF x LoA	-9,123	0,109	0,294
CHR2	15222483	CHR2:15222483	SSF x LoA	-8,876	0,001	0,299
CHR2	15225608	CHR2:15225608	SSF x LoA	-8,202	0,157	0,283
CHR2	15225757	CHR2:15225757	SSF x LoA	-10,181	0,075	0,276
CHR2	15225768	CHR2:15225768	SSF x LoA	-8,046	0,130	0,281
CHR2	1523746	CHR2:1523746	SSF x LoA	-10,484	0,058	0,287
CHR2	1523805	CHR2:1523805	SSF x LoA	-11,443	-0,029	0,276
CHR2	1523823	CHR2:1523823	SSF x LoA	-9,357	0,015	0,307
CHR2	15240959	CHR2:15240959	SSF x LoA	-8,500	0,098	0,298
CHR2	15243373	CHR2:15243373	SSF x LoA	-9,599	-0,151	0,279
CHR2	15243382	CHR2:15243382	SSF x LoA	-8,056	-0,145	0,284
CHR2	15243394	CHR2:15243394	SSF x LoA	-7,567	0,029	0,289
CHR2	15243395	CHR2:15243395	SSF x LoA	-8,029	0,024	0,275
CHR2	15243437	CHR2:15243437	SSF x LoA	-6,703	0,132	0,290
CHR2	15244835	CHR2:15244835	SSF x LoA	-6,345	-0,123	0,272
CHR2	15252097	CHR2:15252097	SSF x LoA	-9,664	-0,025	0,284
CHR2	15252129	CHR2:15252129	SSF x LoA	-9,873	-0,026	0,286
CHR2	15252211	CHR2:15252211	SSF x LoA	-10,821	0,001	0,295
CHR2	15253068	CHR2:15253068	SSF x LoA	-7,252	-0,101	0,288
CHR2	1525308	CHR2:1525308	SSF x LoA	-4,441	0,223	0,292
CHR2	15253164	CHR2:15253164	SSF x LoA	-9,598	0,047	0,302
CHR2	15267225	CHR2:15267225	SSF x LoA	-6,802	0,127	0,292
CHR2	15267267	CHR2:15267267	SSF x LoA	-8,967	0,006	0,286
CHR2	15270140	CHR2:15270140	SSF x LoA	-9,526	-0,069	0,304
CHR2	15270159	CHR2:15270159	SSF x LoA	-7,126	0,151	0,277
CHR2	15270205	CHR2:15270205	SSF x LoA	-7,373	0,124	0,269
CHR2	15272514	CHR2:15272514	SSF x LoA	-4,650	-0,070	0,294
CHR2	15272584	CHR2:15272584	SSF x LoA	-7,888	-0,015	0,304
CHR2	15272600	CHR2:15272600	SSF x LoA	-3,521	0,073	0,318
CHR2	15289155	CHR2:15289155	SSF x LoA	-8,090	-0,073	0,279
CHR2	15289208	CHR2:15289208	SSF x LoA	-9,528	0,125	0,290
CHR2	15289256	CHR2:15289256	SSF x LoA	-9,597	-0,089	0,305
CHR2	15289265	CHR2:15289265	SSF x LoA	-9,003	0,068	0,280
CHR2	15295730	CHR2:15295730	SSF x LoA	-9,288	0,075	0,284
CHR2	15295741	CHR2:15295741	SSF x LoA	-10,374	-0,042	0,284
CHR2	15295747	CHR2:15295747	SSF x LoA	-8,233	-0,027	0,307
CHR2	15295755	CHR2:15295755	SSF x LoA	-7,850	0,045	0,288
CHR2	15295797	CHR2:15295797	SSF x LoA	-7,881	0,078	0,291
CHR2	15295911	CHR2:15295911	SSF x LoA	-9,709	0,033	0,297
CHR2	15304426	CHR2:15304426	SSF x LoA	-10,260	0,042	0,289
CHR2	15304504	CHR2:15304504	SSF x LoA	-6,677	-0,113	0,293
CHR2	15304505	CHR2:15304505	SSF x LoA	-9,259	0,016	0,285

CHR2	15315090	CHR2:15315090	SSF x LoA	-10,754	-0,030	0,281
CHR2	15315144	CHR2:15315144	SSF x LoA	-8,077	0,077	0,268
CHR2	15315148	CHR2:15315148	SSF x LoA	-8,200	0,089	0,252
CHR2	15315199	CHR2:15315199	SSF x LoA	-11,874	-0,049	0,284
CHR2	15315332	CHR2:15315332	SSF x LoA	-4,194	-0,081	0,271
CHR2	15315450	CHR2:15315450	SSF x LoA	-3,836	0,122	0,283
CHR2	15323922	CHR2:15323922	SSF x LoA	-10,522	0,017	0,297
CHR2	15324056	CHR2:15324056	SSF x LoA	-10,464	-0,066	0,284
CHR2	15325130	CHR2:15325130	SSF x LoA	-8,303	0,085	0,300
CHR2	15325182	CHR2:15325182	SSF x LoA	-2,273	0,201	0,281
CHR2	15325200	CHR2:15325200	SSF x LoA	-4,939	0,193	0,280
CHR2	15325215	CHR2:15325215	SSF x LoA	-7,967	0,025	0,283
CHR2	15329622	CHR2:15329622	SSF x LoA	-11,109	-0,063	0,277
CHR2	15329681	CHR2:15329681	SSF x LoA	-10,689	-0,086	0,291
CHR2	1532982	CHR2:1532982	SSF x LoA	-8,462	0,096	0,271
CHR2	15330685	CHR2:15330685	SSF x LoA	-8,598	-0,096	0,278
CHR2	15330772	CHR2:15330772	SSF x LoA	-8,823	0,038	0,291
CHR2	1533125	CHR2:1533125	SSF x LoA	-7,597	0,085	0,284
CHR2	1533129	CHR2:1533129	SSF x LoA	-8,098	0,058	0,299
CHR2	1533141	CHR2:1533141	SSF x LoA	-8,146	-0,069	0,291
CHR2	15332204	CHR2:15332204	SSF x LoA	-9,033	-0,010	0,279
CHR2	15332211	CHR2:15332211	SSF x LoA	-8,882	-0,033	0,281
CHR2	15332234	CHR2:15332234	SSF x LoA	-9,930	-0,139	0,279
CHR2	15332411	CHR2:15332411	SSF x LoA	-10,544	0,010	0,295
CHR2	15332518	CHR2:15332518	SSF x LoA	-8,989	0,004	0,294
CHR2	15335411	CHR2:15335411	SSF x LoA	-9,090	-0,035	0,284
CHR2	15335451	CHR2:15335451	SSF x LoA	-8,274	0,038	0,291
CHR2	15343761	CHR2:15343761	SSF x LoA	-5,912	0,062	0,286
CHR2	15343834	CHR2:15343834	SSF x LoA	-10,834	0,055	0,289
CHR2	15350250	CHR2:15350250	SSF x LoA	-5,517	0,161	0,287
CHR2	15350312	CHR2:15350312	SSF x LoA	-7,184	0,004	0,288
CHR2	15358627	CHR2:15358627	SSF x LoA	-10,863	-0,026	0,282
CHR2	15358659	CHR2:15358659	SSF x LoA	-9,354	0,021	0,282
CHR2	15366102	CHR2:15366102	SSF x LoA	-10,284	0,069	0,300
CHR2	15368068	CHR2:15368068	SSF x LoA	-10,155	-0,018	0,296
CHR2	15368130	CHR2:15368130	SSF x LoA	-9,281	-0,130	0,284
CHR2	15368258	CHR2:15368258	SSF x LoA	-4,139	-0,144	0,281
CHR2	15368361	CHR2:15368361	SSF x LoA	-6,525	0,201	0,285
CHR2	15384300	CHR2:15384300	SSF x LoA	-8,995	-0,026	0,288
CHR2	15392035	CHR2:15392035	SSF x LoA	-7,352	-0,100	0,287
CHR2	15392053	CHR2:15392053	SSF x LoA	-10,087	0,057	0,293
CHR2	15392075	CHR2:15392075	SSF x LoA	-9,151	-0,004	0,300
CHR2	15392309	CHR2:15392309	SSF x LoA	-8,251	-0,050	0,293
CHR2	15392378	CHR2:15392378	SSF x LoA	-9,981	-0,080	0,294
CHR2	15392475	CHR2:15392475	SSF x LoA	-6,320	0,014	0,278
CHR2	15413363	CHR2:15413363	SSF x LoA	-10,104	-0,039	0,297
CHR2	15433315	CHR2:15433315	SSF x LoA	-1,154	-0,157	0,283
CHR2	15433428	CHR2:15433428	SSF x LoA	-8,935	-0,073	0,296
CHR2	15439653	CHR2:15439653	SSF x LoA	-9,407	0,064	0,289
CHR2	15439684	CHR2:15439684	SSF x LoA	-8,056	0,062	0,299
CHR2	15439788	CHR2:15439788	SSF x LoA	-10,664	0,120	0,288
CHR2	15445139	CHR2:15445139	SSF x LoA	-6,066	-0,168	0,286
CHR2	15449923	CHR2:15449923	SSF x LoA	-8,113	-0,053	0,276

CHR2	15449927	CHR2:15449927	SSF x LoA	-5,418	-0,035	0,287
CHR2	15457254	CHR2:15457254	SSF x LoA	-8,087	0,029	0,289
CHR2	15457423	CHR2:15457423	SSF x LoA	-10,684	0,072	0,299
CHR2	15464201	CHR2:15464201	SSF x LoA	-9,983	0,056	0,299
CHR2	15464222	CHR2:15464222	SSF x LoA	-7,226	0,103	0,285
CHR2	15464224	CHR2:15464224	SSF x LoA	-8,858	-0,080	0,279
CHR2	15464288	CHR2:15464288	SSF x LoA	-8,572	0,003	0,294
CHR2	15464336	CHR2:15464336	SSF x LoA	-8,625	0,113	0,298
CHR2	15476695	CHR2:15476695	SSF x LoA	-9,958	0,088	0,288
CHR2	15491089	CHR2:15491089	SSF x LoA	-9,421	-0,146	0,292
CHR2	15491296	CHR2:15491296	SSF x LoA	-7,411	-0,054	0,299
CHR2	15508368	CHR2:15508368	SSF x LoA	-9,855	-0,071	0,300
CHR2	15514108	CHR2:15514108	SSF x LoA	-7,823	-0,070	0,279
CHR2	15518168	CHR2:15518168	SSF x LoA	-10,068	-0,013	0,286
CHR2	15526229	CHR2:15526229	SSF x LoA	-7,871	0,044	0,290
CHR2	15526315	CHR2:15526315	SSF x LoA	-7,498	0,138	0,295
CHR2	15526339	CHR2:15526339	SSF x LoA	-7,406	-0,065	0,272
CHR2	15545746	CHR2:15545746	SSF x LoA	-6,233	0,064	0,287
CHR2	15545852	CHR2:15545852	SSF x LoA	-9,865	0,038	0,277
CHR2	15549342	CHR2:15549342	SSF x LoA	-11,033	-0,014	0,294
CHR2	15549348	CHR2:15549348	SSF x LoA	-8,704	-0,006	0,301
CHR2	15549429	CHR2:15549429	SSF x LoA	-11,727	-0,045	0,292
CHR2	15549518	CHR2:15549518	SSF x LoA	-10,956	-0,043	0,293
CHR2	15549579	CHR2:15549579	SSF x LoA	-10,313	0,014	0,302
CHR2	15549612	CHR2:15549612	SSF x LoA	-8,091	-0,048	0,292
CHR2	15551005	CHR2:15551005	SSF x LoA	-8,873	0,119	0,283
CHR2	15561158	CHR2:15561158	SSF x LoA	-10,931	0,068	0,287
CHR2	15561315	CHR2:15561315	SSF x LoA	-9,075	0,060	0,295
CHR2	15561361	CHR2:15561361	SSF x LoA	-10,901	-0,047	0,284
CHR2	15568567	CHR2:15568567	SSF x LoA	-8,543	0,035	0,286
CHR2	15575245	CHR2:15575245	SSF x LoA	-10,465	0,096	0,278
CHR2	15584690	CHR2:15584690	SSF x LoA	-8,412	0,006	0,286
CHR2	15595354	CHR2:15595354	SSF x LoA	-8,099	0,152	0,280
CHR2	15595599	CHR2:15595599	SSF x LoA	-7,232	-0,039	0,300
CHR2	15595710	CHR2:15595710	SSF x LoA	-11,092	-0,011	0,291
CHR2	15596661	CHR2:15596661	SSF x LoA	-3,805	-0,058	0,297
CHR2	15596674	CHR2:15596674	SSF x LoA	-10,953	0,070	0,299
CHR2	15596679	CHR2:15596679	SSF x LoA	-10,993	0,039	0,286
CHR2	15596689	CHR2:15596689	SSF x LoA	-6,415	-0,168	0,285
CHR2	15596783	CHR2:15596783	SSF x LoA	-7,234	0,121	0,295
CHR2	15596791	CHR2:15596791	SSF x LoA	-10,871	-0,035	0,296
CHR2	15596794	CHR2:15596794	SSF x LoA	-8,579	0,018	0,301
CHR2	15596856	CHR2:15596856	SSF x LoA	-9,477	0,076	0,279
CHR2	1559722	CHR2:1559722	SSF x LoA	-10,512	0,035	0,283
CHR2	1559842	CHR2:1559842	SSF x LoA	-8,515	0,071	0,296
CHR2	1559862	CHR2:1559862	SSF x LoA	-9,928	0,032	0,282
CHR2	1559959	CHR2:1559959	SSF x LoA	-8,625	-0,077	0,297
CHR2	15600559	CHR2:15600559	SSF x LoA	-9,523	-0,095	0,290
CHR2	15603160	CHR2:15603160	SSF x LoA	-9,150	0,006	0,299
CHR2	15603163	CHR2:15603163	SSF x LoA	-7,575	-0,080	0,283
CHR2	15603169	CHR2:15603169	SSF x LoA	-9,158	-0,043	0,281
CHR2	15603174	CHR2:15603174	SSF x LoA	-4,797	-0,007	0,295
CHR2	15619092	CHR2:15619092	SSF x LoA	-8,997	-0,001	0,282

CHR2	15619279	CHR2:15619279	SSF x LoA	-9,931	-0,011	0,290
CHR2	15632259	CHR2:15632259	SSF x LoA	-6,146	0,149	0,280
CHR2	15632277	CHR2:15632277	SSF x LoA	-9,658	-0,011	0,290
CHR2	15632362	CHR2:15632362	SSF x LoA	-11,165	0,004	0,301
CHR2	15632387	CHR2:15632387	SSF x LoA	-9,261	-0,033	0,290
CHR2	15641371	CHR2:15641371	SSF x LoA	-7,697	-0,134	0,269
CHR2	15652172	CHR2:15652172	SSF x LoA	-8,962	-0,110	0,293
CHR2	15667546	CHR2:15667546	SSF x LoA	-4,316	-0,101	0,288
CHR2	15696792	CHR2:15696792	SSF x LoA	-6,631	-0,054	0,283
CHR2	15696805	CHR2:15696805	SSF x LoA	-5,213	0,033	0,290
CHR2	15696889	CHR2:15696889	SSF x LoA	-5,981	0,145	0,276
CHR2	15700488	CHR2:15700488	SSF x LoA	-3,795	-0,029	0,295
CHR2	15700640	CHR2:15700640	SSF x LoA	-9,272	-0,085	0,293
CHR2	15714685	CHR2:15714685	SSF x LoA	-9,692	-0,086	0,299
CHR2	15714695	CHR2:15714695	SSF x LoA	-2,765	0,170	0,279
CHR2	15714737	CHR2:15714737	SSF x LoA	-8,204	0,116	0,284
CHR2	15714740	CHR2:15714740	SSF x LoA	-10,266	0,041	0,287
CHR2	15714805	CHR2:15714805	SSF x LoA	-9,512	0,064	0,275
CHR2	15743354	CHR2:15743354	SSF x LoA	-8,620	-0,066	0,292
CHR2	15743358	CHR2:15743358	SSF x LoA	-6,690	0,092	0,303
CHR2	15743410	CHR2:15743410	SSF x LoA	-1,782	0,278	0,249
CHR2	15744503	CHR2:15744503	SSF x LoA	-9,239	0,003	0,291
CHR2	15744587	CHR2:15744587	SSF x LoA	-3,516	0,173	0,282
CHR2	15747812	CHR2:15747812	SSF x LoA	-7,855	0,090	0,268
CHR2	15747816	CHR2:15747816	SSF x LoA	-8,574	-0,029	0,290
CHR2	15759378	CHR2:15759378	SSF x LoA	-6,616	0,134	0,279
CHR2	15759390	CHR2:15759390	SSF x LoA	-6,844	-0,057	0,293
CHR2	15759449	CHR2:15759449	SSF x LoA	-3,009	-0,162	0,274
CHR2	15759542	CHR2:15759542	SSF x LoA	-10,091	0,030	0,286
CHR2	15762097	CHR2:15762097	SSF x LoA	-8,454	0,007	0,283
CHR2	15768662	CHR2:15768662	SSF x LoA	-7,268	-0,123	0,305
CHR2	15768694	CHR2:15768694	SSF x LoA	-10,132	0,042	0,298
CHR2	15768695	CHR2:15768695	SSF x LoA	-8,456	0,072	0,295
CHR2	15768706	CHR2:15768706	SSF x LoA	-8,194	-0,059	0,298
CHR2	15768729	CHR2:15768729	SSF x LoA	-8,280	0,082	0,279
CHR2	15768738	CHR2:15768738	SSF x LoA	-8,617	0,028	0,293
CHR2	15768744	CHR2:15768744	SSF x LoA	-7,554	0,060	0,309
CHR2	15771554	CHR2:15771554	SSF x LoA	-8,604	-0,089	0,293
CHR2	15772270	CHR2:15772270	SSF x LoA	-11,217	0,013	0,283
CHR2	15772361	CHR2:15772361	SSF x LoA	-9,047	-0,096	0,276
CHR2	15793071	CHR2:15793071	SSF x LoA	-6,746	0,053	0,295
CHR2	15801019	CHR2:15801019	SSF x LoA	-8,770	0,057	0,293
CHR2	1580909	CHR2:1580909	SSF x LoA	-5,702	0,128	0,297
CHR2	15810262	CHR2:15810262	SSF x LoA	-6,039	0,059	0,293
CHR2	15810287	CHR2:15810287	SSF x LoA	-9,221	0,020	0,285
CHR2	15810405	CHR2:15810405	SSF x LoA	-6,475	0,133	0,271
CHR2	1581057	CHR2:1581057	SSF x LoA	-11,499	0,002	0,280
CHR2	15816762	CHR2:15816762	SSF x LoA	-9,879	0,019	0,280
CHR2	15816782	CHR2:15816782	SSF x LoA	-9,629	0,032	0,288
CHR2	15816804	CHR2:15816804	SSF x LoA	-3,031	-0,070	0,274
CHR2	15816821	CHR2:15816821	SSF x LoA	-9,025	-0,009	0,283
CHR2	15820769	CHR2:15820769	SSF x LoA	-8,983	0,033	0,279
CHR2	15820801	CHR2:15820801	SSF x LoA	-9,690	0,030	0,288

CHR2	15829829	CHR2:15829829	SSF x LoA	-8,136	-0,110	0,299
CHR2	15829844	CHR2:15829844	SSF x LoA	-7,940	0,169	0,292
CHR2	15829852	CHR2:15829852	SSF x LoA	-8,415	-0,071	0,291
CHR2	15829899	CHR2:15829899	SSF x LoA	-8,952	-0,060	0,295
CHR2	15829905	CHR2:15829905	SSF x LoA	-7,094	0,123	0,303
CHR2	15829986	CHR2:15829986	SSF x LoA	-9,844	-0,060	0,294
CHR2	15830067	CHR2:15830067	SSF x LoA	-9,056	-0,094	0,301
CHR2	15830151	CHR2:15830151	SSF x LoA	-7,178	-0,123	0,277
CHR2	15830155	CHR2:15830155	SSF x LoA	-6,091	0,154	0,290
CHR2	15830160	CHR2:15830160	SSF x LoA	-6,842	-0,090	0,296
CHR2	15832921	CHR2:15832921	SSF x LoA	-9,104	0,082	0,283
CHR2	15832936	CHR2:15832936	SSF x LoA	-7,404	-0,029	0,290
CHR2	15832957	CHR2:15832957	SSF x LoA	-10,254	0,109	0,278
CHR2	15833029	CHR2:15833029	SSF x LoA	-10,188	0,130	0,284
CHR2	15833077	CHR2:15833077	SSF x LoA	-12,123	0,033	0,285
CHR2	15837075	CHR2:15837075	SSF x LoA	-7,544	0,083	0,276
CHR2	15839720	CHR2:15839720	SSF x LoA	-8,302	0,012	0,297
CHR2	15841176	CHR2:15841176	SSF x LoA	-8,675	0,005	0,274
CHR2	15841227	CHR2:15841227	SSF x LoA	-8,265	0,022	0,281
CHR2	15841287	CHR2:15841287	SSF x LoA	-8,603	-0,131	0,286
CHR2	15855657	CHR2:15855657	SSF x LoA	-7,966	0,123	0,276
CHR2	15863541	CHR2:15863541	SSF x LoA	0,203	-0,101	0,280
CHR2	15865843	CHR2:15865843	SSF x LoA	-9,034	0,119	0,287
CHR2	15869033	CHR2:15869033	SSF x LoA	-10,116	0,032	0,290
CHR2	15869103	CHR2:15869103	SSF x LoA	-7,326	-0,092	0,286
CHR2	15869109	CHR2:15869109	SSF x LoA	-7,446	0,148	0,291
CHR2	15872350	CHR2:15872350	SSF x LoA	-2,434	-0,119	0,296
CHR2	15872356	CHR2:15872356	SSF x LoA	-8,536	-0,069	0,290
CHR2	15872359	CHR2:15872359	SSF x LoA	-8,227	-0,078	0,286
CHR2	15872386	CHR2:15872386	SSF x LoA	-7,927	0,077	0,289
CHR2	15872405	CHR2:15872405	SSF x LoA	-8,948	0,089	0,281
CHR2	15872428	CHR2:15872428	SSF x LoA	-8,453	0,108	0,285
CHR2	15872445	CHR2:15872445	SSF x LoA	-5,969	-0,131	0,282
CHR2	15874874	CHR2:15874874	SSF x LoA	-10,747	0,017	0,288
CHR2	15874979	CHR2:15874979	SSF x LoA	-9,820	-0,035	0,287
CHR2	15874992	CHR2:15874992	SSF x LoA	-8,996	-0,036	0,295
CHR2	15879162	CHR2:15879162	SSF x LoA	-9,335	-0,043	0,287
CHR2	15884283	CHR2:15884283	SSF x LoA	-10,851	0,004	0,278
CHR2	15884350	CHR2:15884350	SSF x LoA	-6,326	0,193	0,291
CHR2	15884464	CHR2:15884464	SSF x LoA	-10,430	-0,080	0,276
CHR2	15884627	CHR2:15884627	SSF x LoA	-8,243	-0,112	0,270
CHR2	15884634	CHR2:15884634	SSF x LoA	-9,253	0,024	0,292
CHR2	15884659	CHR2:15884659	SSF x LoA	-9,014	-0,056	0,296
CHR2	15884689	CHR2:15884689	SSF x LoA	-9,971	-0,038	0,289
CHR2	15891345	CHR2:15891345	SSF x LoA	-11,214	0,007	0,283
CHR2	15894480	CHR2:15894480	SSF x LoA	-10,341	-0,087	0,281
CHR2	15894514	CHR2:15894514	SSF x LoA	-7,862	0,142	0,295
CHR2	15894542	CHR2:15894542	SSF x LoA	-9,990	-0,006	0,279
CHR2	15899049	CHR2:15899049	SSF x LoA	-8,313	-0,030	0,289
CHR2	15899082	CHR2:15899082	SSF x LoA	-6,857	0,077	0,305
CHR2	15906498	CHR2:15906498	SSF x LoA	-8,314	0,041	0,294
CHR2	15906502	CHR2:15906502	SSF x LoA	-10,439	0,045	0,282
CHR2	15907361	CHR2:15907361	SSF x LoA	-8,041	-0,054	0,301

CHR2	15907411	CHR2:15907411	SSF x LoA	-8,897	-0,068	0,285
CHR2	15909954	CHR2:15909954	SSF x LoA	-9,131	-0,078	0,291
CHR2	15909980	CHR2:15909980	SSF x LoA	-9,853	-0,001	0,285
CHR2	15910712	CHR2:15910712	SSF x LoA	-8,485	0,033	0,284
CHR2	15913144	CHR2:15913144	SSF x LoA	-8,255	-0,026	0,300
CHR2	15913884	CHR2:15913884	SSF x LoA	-6,979	-0,114	0,298
CHR2	15913890	CHR2:15913890	SSF x LoA	-9,784	-0,012	0,297
CHR2	15913914	CHR2:15913914	SSF x LoA	-8,371	-0,045	0,271
CHR2	15920213	CHR2:15920213	SSF x LoA	-11,240	0,035	0,296
CHR2	15932846	CHR2:15932846	SSF x LoA	-9,537	0,103	0,292
CHR2	15932971	CHR2:15932971	SSF x LoA	-8,674	0,015	0,292
CHR2	15932985	CHR2:15932985	SSF x LoA	-9,111	-0,092	0,300
CHR2	16002228	CHR2:16002228	SSF x LoA	-10,413	0,014	0,296
CHR2	16002284	CHR2:16002284	SSF x LoA	-6,553	-0,162	0,268
CHR2	16002503	CHR2:16002503	SSF x LoA	-2,527	0,164	0,281
CHR2	16002577	CHR2:16002577	SSF x LoA	-10,803	-0,110	0,285
CHR2	16049828	CHR2:16049828	SSF x LoA	-8,869	-0,019	0,297
CHR2	1605240	CHR2:1605240	SSF x LoA	-9,899	0,067	0,295
CHR2	1605299	CHR2:1605299	SSF x LoA	-11,241	0,045	0,284
CHR2	1605325	CHR2:1605325	SSF x LoA	-7,727	0,055	0,292
CHR2	1605334	CHR2:1605334	SSF x LoA	-8,275	-0,076	0,283
CHR2	1605409	CHR2:1605409	SSF x LoA	-8,480	-0,028	0,278
CHR2	1605435	CHR2:1605435	SSF x LoA	-11,727	0,042	0,282
CHR2	16061313	CHR2:16061313	SSF x LoA	-11,067	-0,022	0,290
CHR2	16061406	CHR2:16061406	SSF x LoA	-6,793	-0,054	0,299
CHR2	16061430	CHR2:16061430	SSF x LoA	-8,640	0,059	0,295
CHR2	16063247	CHR2:16063247	SSF x LoA	-4,227	-0,047	0,288
CHR2	16063251	CHR2:16063251	SSF x LoA	-3,740	-0,242	0,262
CHR2	16063259	CHR2:16063259	SSF x LoA	-10,310	-0,007	0,289
CHR2	16063268	CHR2:16063268	SSF x LoA	-7,455	-0,076	0,283
CHR2	16063365	CHR2:16063365	SSF x LoA	-9,140	-0,037	0,290
CHR2	16087144	CHR2:16087144	SSF x LoA	-8,616	-0,018	0,294
CHR2	16087148	CHR2:16087148	SSF x LoA	-9,735	0,069	0,277
CHR2	16087161	CHR2:16087161	SSF x LoA	-7,918	-0,017	0,291
CHR2	16087198	CHR2:16087198	SSF x LoA	-4,407	0,201	0,278
CHR2	16087203	CHR2:16087203	SSF x LoA	-8,317	0,083	0,267
CHR2	16087208	CHR2:16087208	SSF x LoA	-5,285	-0,189	0,276
CHR2	16087238	CHR2:16087238	SSF x LoA	-3,864	0,057	0,292
CHR2	16087250	CHR2:16087250	SSF x LoA	-9,015	0,058	0,272
CHR2	16087315	CHR2:16087315	SSF x LoA	-8,927	-0,041	0,297
CHR2	16087342	CHR2:16087342	SSF x LoA	-7,645	-0,034	0,289
CHR2	16087350	CHR2:16087350	SSF x LoA	-9,031	-0,015	0,301
CHR2	16087371	CHR2:16087371	SSF x LoA	-7,249	-0,107	0,276
CHR2	16087384	CHR2:16087384	SSF x LoA	-8,242	-0,074	0,290
CHR2	16087394	CHR2:16087394	SSF x LoA	-9,745	0,116	0,272
CHR2	16095689	CHR2:16095689	SSF x LoA	-8,163	-0,125	0,277
CHR2	16095704	CHR2:16095704	SSF x LoA	-7,022	0,105	0,290
CHR2	16095717	CHR2:16095717	SSF x LoA	-9,335	-0,092	0,282
CHR2	16095720	CHR2:16095720	SSF x LoA	-9,079	-0,064	0,295
CHR2	16095826	CHR2:16095826	SSF x LoA	-6,897	0,046	0,287
CHR2	16095829	CHR2:16095829	SSF x LoA	-8,096	-0,075	0,299
CHR2	16095904	CHR2:16095904	SSF x LoA	-9,403	-0,058	0,286
CHR2	16095985	CHR2:16095985	SSF x LoA	-7,424	-0,085	0,291

CHR2	16096030	CHR2:16096030	SSF x LoA	-6,103	-0,173	0,281
CHR2	16098124	CHR2:16098124	SSF x LoA	-7,800	-0,080	0,285
CHR2	16098191	CHR2:16098191	SSF x LoA	-7,521	-0,126	0,285
CHR2	16098195	CHR2:16098195	SSF x LoA	-6,890	-0,108	0,291
CHR2	16098890	CHR2:16098890	SSF x LoA	-6,067	-0,117	0,279
CHR2	16113440	CHR2:16113440	SSF x LoA	-8,112	0,068	0,279
CHR2	16113636	CHR2:16113636	SSF x LoA	-8,056	-0,081	0,288
CHR2	16117038	CHR2:16117038	SSF x LoA	-8,336	0,052	0,285
CHR2	16133436	CHR2:16133436	SSF x LoA	-9,537	-0,133	0,293
CHR2	1613712	CHR2:1613712	SSF x LoA	-7,975	0,063	0,273
CHR2	1613791	CHR2:1613791	SSF x LoA	-9,204	0,084	0,293
CHR2	1613810	CHR2:1613810	SSF x LoA	-9,839	0,109	0,279
CHR2	1613836	CHR2:1613836	SSF x LoA	-7,054	0,215	0,284
CHR2	16148331	CHR2:16148331	SSF x LoA	-9,760	0,081	0,287
CHR2	16148359	CHR2:16148359	SSF x LoA	-7,884	0,038	0,295
CHR2	16148364	CHR2:16148364	SSF x LoA	-8,683	-0,154	0,287
CHR2	16148377	CHR2:16148377	SSF x LoA	-7,152	0,054	0,285
CHR2	16148386	CHR2:16148386	SSF x LoA	-6,849	-0,139	0,294
CHR2	16148513	CHR2:16148513	SSF x LoA	-7,444	-0,100	0,275
CHR2	16148574	CHR2:16148574	SSF x LoA	-4,081	0,056	0,296
CHR2	16193757	CHR2:16193757	SSF x LoA	-2,189	0,075	0,297
CHR2	16193789	CHR2:16193789	SSF x LoA	-8,274	0,069	0,289
CHR2	16193883	CHR2:16193883	SSF x LoA	-7,863	0,014	0,305
CHR2	16195112	CHR2:16195112	SSF x LoA	-4,988	-0,148	0,280
CHR2	16202692	CHR2:16202692	SSF x LoA	-10,871	-0,025	0,290
CHR2	16202713	CHR2:16202713	SSF x LoA	-7,315	0,058	0,299
CHR2	16217383	CHR2:16217383	SSF x LoA	-3,690	0,183	0,300
CHR2	16224945	CHR2:16224945	SSF x LoA	-10,271	-0,083	0,292
CHR2	16225030	CHR2:16225030	SSF x LoA	-11,459	-0,054	0,285
CHR2	16225051	CHR2:16225051	SSF x LoA	-7,957	0,100	0,294
CHR2	16225055	CHR2:16225055	SSF x LoA	-9,920	-0,120	0,290
CHR2	16225153	CHR2:16225153	SSF x LoA	-8,741	-0,086	0,297
CHR2	16225154	CHR2:16225154	SSF x LoA	-8,872	-0,069	0,300
CHR2	16225175	CHR2:16225175	SSF x LoA	-5,350	-0,151	0,285
CHR2	16228391	CHR2:16228391	SSF x LoA	-8,949	0,076	0,295
CHR2	16243921	CHR2:16243921	SSF x LoA	-6,578	0,096	0,270
CHR2	16243922	CHR2:16243922	SSF x LoA	-6,143	0,079	0,280
CHR2	16243927	CHR2:16243927	SSF x LoA	-5,354	0,093	0,289
CHR2	16243938	CHR2:16243938	SSF x LoA	-9,249	0,090	0,269
CHR2	16243995	CHR2:16243995	SSF x LoA	-8,336	-0,099	0,288
CHR2	16243996	CHR2:16243996	SSF x LoA	-8,746	-0,080	0,279
CHR2	16269411	CHR2:16269411	SSF x LoA	-11,452	-0,054	0,280
CHR2	16269437	CHR2:16269437	SSF x LoA	-7,070	-0,159	0,291
CHR2	16269459	CHR2:16269459	SSF x LoA	-9,381	-0,002	0,309
CHR2	16269546	CHR2:16269546	SSF x LoA	-6,740	0,025	0,301
CHR2	16269554	CHR2:16269554	SSF x LoA	-8,520	0,057	0,286
CHR2	16269566	CHR2:16269566	SSF x LoA	-10,364	-0,068	0,293
CHR2	16269627	CHR2:16269627	SSF x LoA	-9,131	-0,111	0,302
CHR2	1628824	CHR2:1628824	SSF x LoA	-7,926	-0,089	0,286
CHR2	16301437	CHR2:16301437	SSF x LoA	-6,442	-0,052	0,294
CHR2	16306854	CHR2:16306854	SSF x LoA	-10,429	0,009	0,279
CHR2	16306914	CHR2:16306914	SSF x LoA	-6,577	-0,176	0,285
CHR2	16306966	CHR2:16306966	SSF x LoA	-8,816	0,119	0,293

CHR2	16307011	CHR2:16307011	SSF x LoA	-7,592	-0,135	0,274
CHR2	1630935	CHR2:1630935	SSF x LoA	-8,225	0,067	0,272
CHR2	16331080	CHR2:16331080	SSF x LoA	0,438	-0,125	0,281
CHR2	1634778	CHR2:1634778	SSF x LoA	-7,607	-0,046	0,292
CHR2	1634898	CHR2:1634898	SSF x LoA	-5,071	-0,128	0,275
CHR2	16349104	CHR2:16349104	SSF x LoA	-9,738	-0,068	0,288
CHR2	1634918	CHR2:1634918	SSF x LoA	-6,465	-0,144	0,279
CHR2	1634919	CHR2:1634919	SSF x LoA	-5,377	-0,132	0,281
CHR2	16349228	CHR2:16349228	SSF x LoA	-4,752	-0,151	0,274
CHR2	16349283	CHR2:16349283	SSF x LoA	-5,604	-0,115	0,290
CHR2	16349307	CHR2:16349307	SSF x LoA	-8,655	-0,073	0,274
CHR2	1634932	CHR2:1634932	SSF x LoA	-9,635	0,061	0,261
CHR2	1634933	CHR2:1634933	SSF x LoA	-6,567	-0,110	0,265
CHR2	16349336	CHR2:16349336	SSF x LoA	-7,959	-0,167	0,276
CHR2	16349337	CHR2:16349337	SSF x LoA	-6,197	-0,187	0,278
CHR2	16349376	CHR2:16349376	SSF x LoA	-8,739	0,039	0,298
CHR2	16357208	CHR2:16357208	SSF x LoA	-9,710	-0,040	0,283
CHR2	16357209	CHR2:16357209	SSF x LoA	-5,749	-0,043	0,287
CHR2	16357214	CHR2:16357214	SSF x LoA	-8,199	-0,064	0,305
CHR2	16357300	CHR2:16357300	SSF x LoA	-10,258	-0,040	0,294
CHR2	16357391	CHR2:16357391	SSF x LoA	-7,881	0,167	0,283
CHR2	16357471	CHR2:16357471	SSF x LoA	-11,203	0,017	0,290
CHR2	16357507	CHR2:16357507	SSF x LoA	-7,817	-0,128	0,285
CHR2	16368077	CHR2:16368077	SSF x LoA	-9,034	0,054	0,292
CHR2	16376015	CHR2:16376015	SSF x LoA	-8,249	0,174	0,288
CHR2	16376062	CHR2:16376062	SSF x LoA	-10,722	-0,009	0,281
CHR2	16376129	CHR2:16376129	SSF x LoA	-8,967	0,020	0,289
CHR2	16378672	CHR2:16378672	SSF x LoA	-6,600	-0,098	0,292
CHR2	16378679	CHR2:16378679	SSF x LoA	-7,208	-0,084	0,296
CHR2	16378773	CHR2:16378773	SSF x LoA	-3,252	-0,296	0,268
CHR2	16378780	CHR2:16378780	SSF x LoA	-9,440	-0,089	0,299
CHR2	16378954	CHR2:16378954	SSF x LoA	-9,411	-0,009	0,300
CHR2	16391053	CHR2:16391053	SSF x LoA	-8,826	-0,037	0,287
CHR2	16391094	CHR2:16391094	SSF x LoA	-10,029	-0,079	0,303
CHR2	16391127	CHR2:16391127	SSF x LoA	-9,827	0,003	0,281
CHR2	16392275	CHR2:16392275	SSF x LoA	-4,722	-0,043	0,295
CHR2	16392362	CHR2:16392362	SSF x LoA	-6,121	0,131	0,296
CHR2	16392366	CHR2:16392366	SSF x LoA	-0,193	-0,153	0,293
CHR2	16392405	CHR2:16392405	SSF x LoA	-7,176	0,105	0,270
CHR2	16398988	CHR2:16398988	SSF x LoA	-7,261	0,097	0,279
CHR2	16399058	CHR2:16399058	SSF x LoA	-9,543	0,028	0,278
CHR2	16399060	CHR2:16399060	SSF x LoA	-6,620	-0,075	0,279
CHR2	16399311	CHR2:16399311	SSF x LoA	-7,855	-0,001	0,309
CHR2	16403875	CHR2:16403875	SSF x LoA	-8,015	0,054	0,312
CHR2	16407050	CHR2:16407050	SSF x LoA	-6,114	0,121	0,285
CHR2	16417534	CHR2:16417534	SSF x LoA	-10,602	0,026	0,301
CHR2	16417583	CHR2:16417583	SSF x LoA	-8,509	0,100	0,274
CHR2	16417603	CHR2:16417603	SSF x LoA	-7,994	0,116	0,262
CHR2	16420835	CHR2:16420835	SSF x LoA	-7,307	-0,052	0,296
CHR2	16421026	CHR2:16421026	SSF x LoA	-5,510	-0,071	0,281
CHR2	16421092	CHR2:16421092	SSF x LoA	-9,860	0,053	0,290
CHR2	16425326	CHR2:16425326	SSF x LoA	-7,454	0,007	0,302
CHR2	16425339	CHR2:16425339	SSF x LoA	-7,449	0,081	0,297

CHR2	16425344	CHR2:16425344	SSF x LoA	-6,719	-0,137	0,291
CHR2	16475060	CHR2:16475060	SSF x LoA	-2,664	0,059	0,297
CHR2	16475895	CHR2:16475895	SSF x LoA	-9,893	0,120	0,281
CHR2	16479234	CHR2:16479234	SSF x LoA	-9,830	-0,092	0,274
CHR2	16479314	CHR2:16479314	SSF x LoA	-8,259	0,037	0,280
CHR2	16479372	CHR2:16479372	SSF x LoA	-8,230	0,026	0,282
CHR2	16488938	CHR2:16488938	SSF x LoA	-9,859	0,094	0,295
CHR2	16504061	CHR2:16504061	SSF x LoA	-10,382	-0,081	0,286
CHR2	16505464	CHR2:16505464	SSF x LoA	-9,490	0,085	0,289
CHR2	16505503	CHR2:16505503	SSF x LoA	-8,637	-0,092	0,295
CHR2	16524007	CHR2:16524007	SSF x LoA	-11,539	-0,082	0,279
CHR2	16527542	CHR2:16527542	SSF x LoA	-9,728	-0,014	0,295
CHR2	16527631	CHR2:16527631	SSF x LoA	-7,515	0,165	0,293
CHR2	16536642	CHR2:16536642	SSF x LoA	-10,781	0,051	0,302
CHR2	16536891	CHR2:16536891	SSF x LoA	-8,654	-0,008	0,299
CHR2	16536944	CHR2:16536944	SSF x LoA	-11,681	-0,055	0,278
CHR2	16537029	CHR2:16537029	SSF x LoA	-9,513	-0,041	0,291
CHR2	16540869	CHR2:16540869	SSF x LoA	-7,823	0,173	0,282
CHR2	16540897	CHR2:16540897	SSF x LoA	-6,614	0,125	0,296
CHR2	16540952	CHR2:16540952	SSF x LoA	-6,101	-0,197	0,271
CHR2	1654274	CHR2:1654274	SSF x LoA	-8,187	0,095	0,294
CHR2	1654294	CHR2:1654294	SSF x LoA	-5,931	0,160	0,282
CHR2	16556453	CHR2:16556453	SSF x LoA	-9,412	0,039	0,300
CHR2	16556642	CHR2:16556642	SSF x LoA	-8,456	-0,064	0,287
CHR2	16557480	CHR2:16557480	SSF x LoA	-8,666	0,041	0,279
CHR2	16557529	CHR2:16557529	SSF x LoA	-10,191	-0,083	0,262
CHR2	16565546	CHR2:16565546	SSF x LoA	-8,782	0,109	0,302
CHR2	16565581	CHR2:16565581	SSF x LoA	-9,031	-0,029	0,304
CHR2	16565887	CHR2:16565887	SSF x LoA	-2,990	-0,230	0,280
CHR2	16572536	CHR2:16572536	SSF x LoA	-9,900	-0,017	0,280
CHR2	16574494	CHR2:16574494	SSF x LoA	-9,695	-0,173	0,275
CHR2	16574535	CHR2:16574535	SSF x LoA	-5,653	0,161	0,286
CHR2	16574593	CHR2:16574593	SSF x LoA	-4,481	-0,195	0,278
CHR2	16574607	CHR2:16574607	SSF x LoA	-7,989	0,036	0,288
CHR2	16574683	CHR2:16574683	SSF x LoA	-9,396	-0,091	0,292
CHR2	16590539	CHR2:16590539	SSF x LoA	-9,134	-0,045	0,301
CHR2	16590809	CHR2:16590809	SSF x LoA	-6,010	0,144	0,292
CHR2	16592063	CHR2:16592063	SSF x LoA	-9,796	-0,082	0,263
CHR2	16598583	CHR2:16598583	SSF x LoA	-2,234	-0,231	0,265
CHR2	16598644	CHR2:16598644	SSF x LoA	-8,042	-0,061	0,284
CHR2	16598696	CHR2:16598696	SSF x LoA	-9,618	-0,032	0,279
CHR2	16598715	CHR2:16598715	SSF x LoA	-9,887	0,022	0,285
CHR2	16598717	CHR2:16598717	SSF x LoA	-8,914	0,001	0,287
CHR2	16601200	CHR2:16601200	SSF x LoA	-4,909	-0,114	0,271
CHR2	16601369	CHR2:16601369	SSF x LoA	-5,434	0,158	0,302
CHR2	16601580	CHR2:16601580	SSF x LoA	-10,369	-0,030	0,292
CHR2	16601612	CHR2:16601612	SSF x LoA	-11,828	0,006	0,277
CHR2	16624178	CHR2:16624178	SSF x LoA	-10,490	-0,116	0,293
CHR2	16624215	CHR2:16624215	SSF x LoA	-9,093	0,070	0,282
CHR2	16624225	CHR2:16624225	SSF x LoA	-9,223	0,118	0,292
CHR2	16627133	CHR2:16627133	SSF x LoA	-8,469	0,072	0,288
CHR2	16627135	CHR2:16627135	SSF x LoA	-9,348	0,031	0,287
CHR2	16627146	CHR2:16627146	SSF x LoA	-8,619	0,022	0,296

CHR2	16627220	CHR2:16627220	SSF x LoA	-7,530	0,096	0,283
CHR2	16627235	CHR2:16627235	SSF x LoA	-8,195	0,110	0,272
CHR2	16627272	CHR2:16627272	SSF x LoA	-7,922	0,065	0,302
CHR2	16627313	CHR2:16627313	SSF x LoA	-8,291	0,035	0,299
CHR2	16627326	CHR2:16627326	SSF x LoA	-5,158	0,059	0,291
CHR2	16627328	CHR2:16627328	SSF x LoA	-8,025	-0,079	0,281
CHR2	16627334	CHR2:16627334	SSF x LoA	-7,103	-0,047	0,303
CHR2	16641354	CHR2:16641354	SSF x LoA	-8,635	0,136	0,279
CHR2	16641450	CHR2:16641450	SSF x LoA	-6,081	-0,033	0,310
CHR2	16646241	CHR2:16646241	SSF x LoA	-5,434	-0,161	0,274
CHR2	16646247	CHR2:16646247	SSF x LoA	-8,435	-0,078	0,280
CHR2	16646256	CHR2:16646256	SSF x LoA	-4,224	0,064	0,284
CHR2	16646266	CHR2:16646266	SSF x LoA	-7,144	-0,082	0,287
CHR2	16646278	CHR2:16646278	SSF x LoA	-7,924	-0,103	0,285
CHR2	16646347	CHR2:16646347	SSF x LoA	-6,792	0,124	0,291
CHR2	16646357	CHR2:16646357	SSF x LoA	-9,954	0,001	0,297
CHR2	16646360	CHR2:16646360	SSF x LoA	-9,113	0,053	0,307
CHR2	16646363	CHR2:16646363	SSF x LoA	-9,508	0,052	0,297
CHR2	16650260	CHR2:16650260	SSF x LoA	-11,132	0,043	0,296
CHR2	16650562	CHR2:16650562	SSF x LoA	-9,682	0,079	0,293
CHR2	16657201	CHR2:16657201	SSF x LoA	-8,432	-0,115	0,288
CHR2	16657203	CHR2:16657203	SSF x LoA	-1,215	-0,161	0,284
CHR2	16657382	CHR2:16657382	SSF x LoA	-4,083	0,127	0,284
CHR2	16657395	CHR2:16657395	SSF x LoA	-6,959	0,033	0,294
CHR2	16657426	CHR2:16657426	SSF x LoA	-8,930	0,030	0,288
CHR2	16657434	CHR2:16657434	SSF x LoA	-6,441	-0,023	0,296
CHR2	16657512	CHR2:16657512	SSF x LoA	-5,990	0,121	0,287
CHR2	16660433	CHR2:16660433	SSF x LoA	-6,176	0,091	0,299
CHR2	16661816	CHR2:16661816	SSF x LoA	-7,431	0,176	0,281
CHR2	16661847	CHR2:16661847	SSF x LoA	-10,685	-0,099	0,289
CHR2	16661848	CHR2:16661848	SSF x LoA	-9,478	-0,121	0,286
CHR2	16661862	CHR2:16661862	SSF x LoA	-8,846	-0,043	0,282
CHR2	16661863	CHR2:16661863	SSF x LoA	-8,766	0,110	0,285
CHR2	16684425	CHR2:16684425	SSF x LoA	-7,809	-0,073	0,299
CHR2	16684635	CHR2:16684635	SSF x LoA	-8,153	0,026	0,302
CHR2	16685775	CHR2:16685775	SSF x LoA	-7,524	0,047	0,282
CHR2	16685786	CHR2:16685786	SSF x LoA	-9,010	0,073	0,271
CHR2	16685845	CHR2:16685845	SSF x LoA	-11,217	-0,003	0,281
CHR2	16685851	CHR2:16685851	SSF x LoA	-8,377	0,027	0,273
CHR2	16685869	CHR2:16685869	SSF x LoA	1,745	-0,115	0,304
CHR2	16685970	CHR2:16685970	SSF x LoA	-7,398	0,141	0,301
CHR2	16685972	CHR2:16685972	SSF x LoA	-4,792	0,143	0,313
CHR2	16690741	CHR2:16690741	SSF x LoA	-2,122	0,233	0,289
CHR2	16690787	CHR2:16690787	SSF x LoA	-10,791	-0,089	0,285
CHR2	16690805	CHR2:16690805	SSF x LoA	-5,986	0,237	0,289
CHR2	16706548	CHR2:16706548	SSF x LoA	-9,838	0,017	0,291
CHR2	16706612	CHR2:16706612	SSF x LoA	-11,044	0,012	0,279
CHR2	16706625	CHR2:16706625	SSF x LoA	-0,584	0,004	0,278
CHR2	16706627	CHR2:16706627	SSF x LoA	-7,089	-0,014	0,281
CHR2	16728425	CHR2:16728425	SSF x LoA	-8,060	0,047	0,291
CHR2	16728445	CHR2:16728445	SSF x LoA	-8,768	0,005	0,295
CHR2	16728448	CHR2:16728448	SSF x LoA	-9,138	0,039	0,309
CHR2	16728460	CHR2:16728460	SSF x LoA	-7,767	0,022	0,292

CHR2	16728471	CHR2:16728471	SSF x LoA	-8,146	0,047	0,298
CHR2	16750785	CHR2:16750785	SSF x LoA	-6,620	-0,173	0,282
CHR2	16752261	CHR2:16752261	SSF x LoA	-9,631	0,097	0,291
CHR2	16752293	CHR2:16752293	SSF x LoA	-6,173	-0,156	0,277
CHR2	16752300	CHR2:16752300	SSF x LoA	-8,658	-0,011	0,291
CHR2	16752323	CHR2:16752323	SSF x LoA	-8,164	0,055	0,299
CHR2	16752328	CHR2:16752328	SSF x LoA	-10,270	-0,033	0,280
CHR2	16766372	CHR2:16766372	SSF x LoA	-8,173	-0,116	0,285
CHR2	16766567	CHR2:16766567	SSF x LoA	-5,017	0,179	0,282
CHR2	16766615	CHR2:16766615	SSF x LoA	-10,311	-0,098	0,289
CHR2	16767178	CHR2:16767178	SSF x LoA	-7,087	0,026	0,303
CHR2	16767234	CHR2:16767234	SSF x LoA	-9,468	-0,069	0,286
CHR2	16767330	CHR2:16767330	SSF x LoA	-6,676	0,077	0,291
CHR2	1676813	CHR2:1676813	SSF x LoA	-5,380	-0,018	0,295
CHR2	16773886	CHR2:16773886	SSF x LoA	-6,739	0,151	0,281
CHR2	16773929	CHR2:16773929	SSF x LoA	-9,168	-0,010	0,288
CHR2	16777508	CHR2:16777508	SSF x LoA	-7,316	0,159	0,284
CHR2	16777524	CHR2:16777524	SSF x LoA	-8,752	-0,072	0,296
CHR2	16777790	CHR2:16777790	SSF x LoA	-10,017	-0,031	0,306
CHR2	16784882	CHR2:16784882	SSF x LoA	-9,414	0,151	0,271
CHR2	16784885	CHR2:16784885	SSF x LoA	-8,772	-0,069	0,288
CHR2	16784922	CHR2:16784922	SSF x LoA	-4,009	-0,161	0,291
CHR2	16784954	CHR2:16784954	SSF x LoA	-7,691	-0,167	0,271
CHR2	16784977	CHR2:16784977	SSF x LoA	-9,860	-0,110	0,296
CHR2	16785020	CHR2:16785020	SSF x LoA	-6,769	0,061	0,299
CHR2	16798457	CHR2:16798457	SSF x LoA	-0,830	0,177	0,290
CHR2	16798484	CHR2:16798484	SSF x LoA	-8,262	0,165	0,277
CHR2	16798501	CHR2:16798501	SSF x LoA	-8,354	0,138	0,281
CHR2	16798597	CHR2:16798597	SSF x LoA	-5,682	-0,193	0,277
CHR2	16798612	CHR2:16798612	SSF x LoA	-9,218	0,050	0,283
CHR2	16798739	CHR2:16798739	SSF x LoA	-9,619	0,037	0,291
CHR2	16808127	CHR2:16808127	SSF x LoA	-7,366	-0,110	0,275
CHR2	16808196	CHR2:16808196	SSF x LoA	-9,330	-0,013	0,274
CHR2	16808244	CHR2:16808244	SSF x LoA	-8,601	-0,042	0,286
CHR2	16810923	CHR2:16810923	SSF x LoA	-8,314	0,079	0,288
CHR2	16813012	CHR2:16813012	SSF x LoA	-8,295	-0,054	0,307
CHR2	16813019	CHR2:16813019	SSF x LoA	-10,644	0,011	0,307
CHR2	16815412	CHR2:16815412	SSF x LoA	-11,086	0,055	0,277
CHR2	16815622	CHR2:16815622	SSF x LoA	-8,876	-0,103	0,286
CHR2	16818318	CHR2:16818318	SSF x LoA	-10,342	-0,002	0,297
CHR2	16818551	CHR2:16818551	SSF x LoA	-8,394	-0,053	0,293
CHR2	16818641	CHR2:16818641	SSF x LoA	-2,751	0,156	0,281
CHR2	16834718	CHR2:16834718	SSF x LoA	-8,801	-0,035	0,288
CHR2	16835155	CHR2:16835155	SSF x LoA	-7,763	0,091	0,300
CHR2	16843233	CHR2:16843233	SSF x LoA	-8,048	0,083	0,302
CHR2	16871725	CHR2:16871725	SSF x LoA	-6,963	-0,087	0,289
CHR2	16872070	CHR2:16872070	SSF x LoA	-8,952	-0,019	0,277
CHR2	16876600	CHR2:16876600	SSF x LoA	-7,883	0,046	0,297
CHR2	16876646	CHR2:16876646	SSF x LoA	-10,559	0,085	0,286
CHR2	16876662	CHR2:16876662	SSF x LoA	-9,409	0,142	0,285
CHR2	16876679	CHR2:16876679	SSF x LoA	-7,070	-0,028	0,299
CHR2	16876746	CHR2:16876746	SSF x LoA	-6,510	0,199	0,261
CHR2	16876774	CHR2:16876774	SSF x LoA	-10,134	0,006	0,292

CHR2	16876846	CHR2:16876846	SSF x LoA	-6,230	-0,058	0,298
CHR2	16876865	CHR2:16876865	SSF x LoA	-10,655	-0,025	0,297
CHR2	16876870	CHR2:16876870	SSF x LoA	-6,838	-0,009	0,290
CHR2	16896401	CHR2:16896401	SSF x LoA	-9,129	0,017	0,298
CHR2	16896402	CHR2:16896402	SSF x LoA	-9,357	0,008	0,283
CHR2	16900271	CHR2:16900271	SSF x LoA	-9,354	0,049	0,293
CHR2	16900275	CHR2:16900275	SSF x LoA	-9,548	-0,018	0,267
CHR2	16900486	CHR2:16900486	SSF x LoA	-8,400	-0,105	0,282
CHR2	16900550	CHR2:16900550	SSF x LoA	-6,905	0,139	0,281
CHR2	16900559	CHR2:16900559	SSF x LoA	-7,745	-0,084	0,280
CHR2	16900606	CHR2:16900606	SSF x LoA	-7,431	0,082	0,270
CHR2	16911465	CHR2:16911465	SSF x LoA	-8,251	0,006	0,301
CHR2	16911503	CHR2:16911503	SSF x LoA	-9,708	0,068	0,280
CHR2	16911510	CHR2:16911510	SSF x LoA	-7,656	-0,088	0,294
CHR2	16911814	CHR2:16911814	SSF x LoA	-8,749	0,083	0,291
CHR2	1691372	CHR2:1691372	SSF x LoA	-7,664	0,071	0,292
CHR2	1691389	CHR2:1691389	SSF x LoA	-7,655	-0,034	0,291
CHR2	1691391	CHR2:1691391	SSF x LoA	-7,325	0,080	0,271
CHR2	16914267	CHR2:16914267	SSF x LoA	-6,746	0,186	0,285
CHR2	16914272	CHR2:16914272	SSF x LoA	-8,502	0,111	0,304
CHR2	16914321	CHR2:16914321	SSF x LoA	-9,295	-0,030	0,289
CHR2	16914329	CHR2:16914329	SSF x LoA	-9,501	0,016	0,288
CHR2	1691434	CHR2:1691434	SSF x LoA	-10,125	0,076	0,268
CHR2	16914344	CHR2:16914344	SSF x LoA	-9,781	-0,123	0,280
CHR2	16914377	CHR2:16914377	SSF x LoA	-9,773	-0,032	0,285
CHR2	16914394	CHR2:16914394	SSF x LoA	-7,616	0,152	0,280
CHR2	16914458	CHR2:16914458	SSF x LoA	-10,085	0,063	0,285
CHR2	16914472	CHR2:16914472	SSF x LoA	-4,780	0,205	0,296
CHR2	1691465	CHR2:1691465	SSF x LoA	-10,328	-0,066	0,294
CHR2	1691468	CHR2:1691468	SSF x LoA	-10,430	-0,049	0,291
CHR2	16917183	CHR2:16917183	SSF x LoA	-7,470	0,013	0,290
CHR2	16917186	CHR2:16917186	SSF x LoA	-9,691	-0,113	0,275
CHR2	16917279	CHR2:16917279	SSF x LoA	-9,206	0,022	0,297
CHR2	16917358	CHR2:16917358	SSF x LoA	-5,029	-0,116	0,272
CHR2	16917373	CHR2:16917373	SSF x LoA	-11,770	-0,038	0,289
CHR2	16917376	CHR2:16917376	SSF x LoA	-9,716	-0,015	0,288
CHR2	1691755	CHR2:1691755	SSF x LoA	-9,337	-0,092	0,289
CHR2	16936178	CHR2:16936178	SSF x LoA	-8,663	-0,064	0,290
CHR2	16936203	CHR2:16936203	SSF x LoA	-7,730	0,128	0,279
CHR2	16936205	CHR2:16936205	SSF x LoA	-4,202	0,031	0,295
CHR2	16936281	CHR2:16936281	SSF x LoA	-8,162	-0,024	0,299
CHR2	16943096	CHR2:16943096	SSF x LoA	-7,036	-0,107	0,275
CHR2	16943177	CHR2:16943177	SSF x LoA	-8,458	0,000	0,287
CHR2	16943207	CHR2:16943207	SSF x LoA	-8,243	-0,064	0,299
CHR2	16943208	CHR2:16943208	SSF x LoA	-5,331	-0,097	0,285
CHR2	16943264	CHR2:16943264	SSF x LoA	-3,624	-0,188	0,283
CHR2	16955174	CHR2:16955174	SSF x LoA	-10,866	-0,011	0,284
CHR2	16955842	CHR2:16955842	SSF x LoA	-10,255	0,099	0,289
CHR2	16955959	CHR2:16955959	SSF x LoA	-7,670	0,111	0,277
CHR2	16957851	CHR2:16957851	SSF x LoA	-7,819	-0,123	0,278
CHR2	16957867	CHR2:16957867	SSF x LoA	-9,737	0,045	0,281
CHR2	16957933	CHR2:16957933	SSF x LoA	-8,377	0,086	0,298
CHR2	16958036	CHR2:16958036	SSF x LoA	-8,684	-0,036	0,288

CHR2	16958037	CHR2:16958037	SSF x LoA	-9,844	0,078	0,285
CHR2	16958038	CHR2:16958038	SSF x LoA	-8,202	-0,021	0,286
CHR2	16961045	CHR2:16961045	SSF x LoA	-8,344	0,034	0,302
CHR2	16965354	CHR2:16965354	SSF x LoA	-8,259	0,093	0,295
CHR2	16965398	CHR2:16965398	SSF x LoA	-1,457	-0,100	0,291
CHR2	16965498	CHR2:16965498	SSF x LoA	-7,957	0,029	0,288
CHR2	16965499	CHR2:16965499	SSF x LoA	-9,076	0,046	0,298
CHR2	16965523	CHR2:16965523	SSF x LoA	-9,714	0,028	0,283
CHR2	16965527	CHR2:16965527	SSF x LoA	-8,864	0,035	0,279
CHR2	16965536	CHR2:16965536	SSF x LoA	-8,939	0,016	0,294
CHR2	16965539	CHR2:16965539	SSF x LoA	-9,289	0,073	0,281
CHR2	16965555	CHR2:16965555	SSF x LoA	-10,356	-0,056	0,293
CHR2	16965576	CHR2:16965576	SSF x LoA	-9,259	0,106	0,285
CHR2	16965577	CHR2:16965577	SSF x LoA	-11,256	-0,062	0,279
CHR2	16965583	CHR2:16965583	SSF x LoA	-7,805	0,039	0,308
CHR2	16974156	CHR2:16974156	SSF x LoA	-8,745	-0,066	0,287
CHR2	16974178	CHR2:16974178	SSF x LoA	-9,731	-0,115	0,282
CHR2	16974243	CHR2:16974243	SSF x LoA	-10,943	-0,088	0,278
CHR2	16974257	CHR2:16974257	SSF x LoA	-4,815	-0,218	0,278
CHR2	16974259	CHR2:16974259	SSF x LoA	-3,530	0,192	0,282
CHR2	16974322	CHR2:16974322	SSF x LoA	-6,724	-0,112	0,292
CHR2	16974328	CHR2:16974328	SSF x LoA	-10,147	0,028	0,296
CHR2	16983169	CHR2:16983169	SSF x LoA	-6,980	-0,120	0,279
CHR2	16983173	CHR2:16983173	SSF x LoA	-7,759	0,132	0,277
CHR2	16983184	CHR2:16983184	SSF x LoA	-6,152	0,011	0,302
CHR2	16983229	CHR2:16983229	SSF x LoA	-8,031	0,137	0,281
CHR2	16983337	CHR2:16983337	SSF x LoA	-10,002	0,063	0,292
CHR2	16983341	CHR2:16983341	SSF x LoA	-8,084	0,019	0,298
CHR2	16983403	CHR2:16983403	SSF x LoA	-9,702	-0,048	0,291
CHR2	16983441	CHR2:16983441	SSF x LoA	-8,821	-0,061	0,285
CHR2	16983449	CHR2:16983449	SSF x LoA	-9,489	0,011	0,290
CHR2	16983456	CHR2:16983456	SSF x LoA	-9,936	0,014	0,281
CHR2	16985415	CHR2:16985415	SSF x LoA	-8,789	0,002	0,293
CHR2	16985420	CHR2:16985420	SSF x LoA	-8,602	0,038	0,299
CHR2	16985423	CHR2:16985423	SSF x LoA	-7,897	-0,041	0,294
CHR2	16985471	CHR2:16985471	SSF x LoA	-6,686	0,129	0,287
CHR2	16985483	CHR2:16985483	SSF x LoA	-10,017	-0,020	0,295
CHR2	16985496	CHR2:16985496	SSF x LoA	-8,172	0,034	0,291
CHR2	16985562	CHR2:16985562	SSF x LoA	-9,614	0,019	0,266
CHR2	16985698	CHR2:16985698	SSF x LoA	-10,865	0,077	0,276
CHR2	16994474	CHR2:16994474	SSF x LoA	-8,933	0,007	0,300
CHR2	16994486	CHR2:16994486	SSF x LoA	-8,662	0,130	0,303
CHR2	16994638	CHR2:16994638	SSF x LoA	-7,397	-0,127	0,283
CHR2	16994651	CHR2:16994651	SSF x LoA	-9,166	0,063	0,303
CHR2	17008313	CHR2:17008313	SSF x LoA	-7,954	0,029	0,293
CHR2	17008314	CHR2:17008314	SSF x LoA	-7,937	0,009	0,292
CHR2	17008925	CHR2:17008925	SSF x LoA	-3,741	0,155	0,294
CHR2	17008980	CHR2:17008980	SSF x LoA	-11,480	-0,006	0,282
CHR2	17015621	CHR2:17015621	SSF x LoA	-7,419	-0,126	0,294
CHR2	17015788	CHR2:17015788	SSF x LoA	-10,645	0,014	0,280
CHR2	17015795	CHR2:17015795	SSF x LoA	-7,118	-0,049	0,290
CHR2	17015850	CHR2:17015850	SSF x LoA	-7,606	-0,076	0,289
CHR2	17027150	CHR2:17027150	SSF x LoA	-7,976	0,111	0,289

CHR2	17027232	CHR2:17027232	SSF x LoA	-7,669	-0,168	0,276
CHR2	1704601	CHR2:1704601	SSF x LoA	-10,419	-0,074	0,287
CHR2	17070396	CHR2:17070396	SSF x LoA	-8,380	0,046	0,282
CHR2	17078129	CHR2:17078129	SSF x LoA	-10,389	-0,027	0,286
CHR2	17128711	CHR2:17128711	SSF x LoA	-9,008	0,078	0,303
CHR2	1713006	CHR2:1713006	SSF x LoA	-9,421	-0,038	0,285
CHR2	1713026	CHR2:1713026	SSF x LoA	-7,236	-0,083	0,308
CHR2	1713159	CHR2:1713159	SSF x LoA	-11,147	0,045	0,284
CHR2	17131676	CHR2:17131676	SSF x LoA	-3,925	-0,192	0,287
CHR2	17133706	CHR2:17133706	SSF x LoA	-10,507	-0,034	0,286
CHR2	17151435	CHR2:17151435	SSF x LoA	-10,426	0,054	0,304
CHR2	17159710	CHR2:17159710	SSF x LoA	-8,658	0,039	0,301
CHR2	17159728	CHR2:17159728	SSF x LoA	-6,172	0,173	0,286
CHR2	17159787	CHR2:17159787	SSF x LoA	-6,682	-0,142	0,286
CHR2	17159808	CHR2:17159808	SSF x LoA	-7,584	0,148	0,276
CHR2	17159838	CHR2:17159838	SSF x LoA	-6,455	0,180	0,278
CHR2	17159857	CHR2:17159857	SSF x LoA	-9,608	0,135	0,280
CHR2	17159878	CHR2:17159878	SSF x LoA	-10,177	-0,032	0,289
CHR2	17159982	CHR2:17159982	SSF x LoA	-8,273	-0,078	0,285
CHR2	17160032	CHR2:17160032	SSF x LoA	-8,862	-0,096	0,296
CHR2	17160045	CHR2:17160045	SSF x LoA	-8,136	0,002	0,284
CHR2	17175635	CHR2:17175635	SSF x LoA	-11,432	0,038	0,298
CHR2	17180524	CHR2:17180524	SSF x LoA	-4,863	-0,185	0,289
CHR2	17180525	CHR2:17180525	SSF x LoA	-11,106	0,045	0,280
CHR2	17180651	CHR2:17180651	SSF x LoA	-9,761	-0,067	0,278
CHR2	17190378	CHR2:17190378	SSF x LoA	-8,777	0,013	0,297
CHR2	17190442	CHR2:17190442	SSF x LoA	-10,581	0,009	0,293
CHR2	17190464	CHR2:17190464	SSF x LoA	-9,265	0,018	0,285
CHR2	17190475	CHR2:17190475	SSF x LoA	-9,377	-0,055	0,280
CHR2	17190539	CHR2:17190539	SSF x LoA	-7,687	-0,039	0,298
CHR2	17199498	CHR2:17199498	SSF x LoA	-8,134	0,098	0,299
CHR2	17199664	CHR2:17199664	SSF x LoA	-9,439	0,078	0,287
CHR2	17199680	CHR2:17199680	SSF x LoA	-7,606	0,090	0,273
CHR2	17199760	CHR2:17199760	SSF x LoA	-8,103	0,064	0,291
CHR2	17199820	CHR2:17199820	SSF x LoA	-7,898	-0,009	0,282
CHR2	1722124	CHR2:1722124	SSF x LoA	-7,621	0,004	0,305
CHR2	1722461	CHR2:1722461	SSF x LoA	-7,849	-0,032	0,291
CHR2	17229770	CHR2:17229770	SSF x LoA	-9,680	-0,008	0,295
CHR2	17229807	CHR2:17229807	SSF x LoA	-8,347	0,007	0,293
CHR2	17253378	CHR2:17253378	SSF x LoA	-5,902	0,127	0,277
CHR2	17258533	CHR2:17258533	SSF x LoA	-7,914	-0,119	0,292
CHR2	17264469	CHR2:17264469	SSF x LoA	-7,796	0,092	0,290
CHR2	17264505	CHR2:17264505	SSF x LoA	-9,875	0,016	0,299
CHR2	17323748	CHR2:17323748	SSF x LoA	-11,115	0,051	0,292
CHR2	17391208	CHR2:17391208	SSF x LoA	-8,160	-0,097	0,284
CHR2	17391209	CHR2:17391209	SSF x LoA	-7,344	-0,052	0,293
CHR2	17398250	CHR2:17398250	SSF x LoA	-5,013	-0,233	0,281
CHR2	17398367	CHR2:17398367	SSF x LoA	-8,559	-0,044	0,298
CHR2	17411110	CHR2:17411110	SSF x LoA	-7,956	0,077	0,278
CHR2	17411169	CHR2:17411169	SSF x LoA	-9,274	-0,068	0,298
CHR2	1741389	CHR2:1741389	SSF x LoA	-9,088	0,019	0,289
CHR2	17432956	CHR2:17432956	SSF x LoA	-7,783	0,079	0,290
CHR2	17460146	CHR2:17460146	SSF x LoA	-10,314	0,008	0,282

CHR2	17460310	CHR2:17460310	SSF x LoA	-8,006	0,068	0,268
CHR2	17461278	CHR2:17461278	SSF x LoA	-9,363	0,106	0,288
CHR2	17471095	CHR2:17471095	SSF x LoA	-10,809	-0,062	0,297
CHR2	17477619	CHR2:17477619	SSF x LoA	-9,881	0,008	0,287
CHR2	17477706	CHR2:17477706	SSF x LoA	-9,176	-0,031	0,281
CHR2	17477757	CHR2:17477757	SSF x LoA	-10,519	0,095	0,286
CHR2	17477790	CHR2:17477790	SSF x LoA	-7,412	0,039	0,291
CHR2	17482643	CHR2:17482643	SSF x LoA	-9,960	-0,047	0,285
CHR2	17492850	CHR2:17492850	SSF x LoA	-5,675	0,024	0,301
CHR2	17493265	CHR2:17493265	SSF x LoA	-7,750	0,165	0,278
CHR2	1754681	CHR2:1754681	SSF x LoA	-5,332	0,054	0,319
CHR2	1754729	CHR2:1754729	SSF x LoA	-0,094	0,184	0,273
CHR2	17548438	CHR2:17548438	SSF x LoA	-8,470	0,014	0,282
CHR2	17548523	CHR2:17548523	SSF x LoA	-5,812	-0,202	0,281
CHR2	17548536	CHR2:17548536	SSF x LoA	-10,272	0,012	0,301
CHR2	17548554	CHR2:17548554	SSF x LoA	-7,266	-0,187	0,263
CHR2	17551589	CHR2:17551589	SSF x LoA	-7,526	0,140	0,286
CHR2	17586532	CHR2:17586532	SSF x LoA	-8,802	0,075	0,284
CHR2	17586549	CHR2:17586549	SSF x LoA	-6,759	0,089	0,296
CHR2	17586561	CHR2:17586561	SSF x LoA	-6,630	0,073	0,294
CHR2	17586568	CHR2:17586568	SSF x LoA	-8,347	0,080	0,294
CHR2	17586570	CHR2:17586570	SSF x LoA	-7,199	0,081	0,289
CHR2	17586616	CHR2:17586616	SSF x LoA	1,310	0,108	0,279
CHR2	17599592	CHR2:17599592	SSF x LoA	2,263	0,104	0,293
CHR2	17606316	CHR2:17606316	SSF x LoA	-3,434	0,136	0,292
CHR2	17623612	CHR2:17623612	SSF x LoA	-7,820	-0,110	0,285
CHR2	1762810	CHR2:1762810	SSF x LoA	-8,340	-0,117	0,283
CHR2	17629096	CHR2:17629096	SSF x LoA	-8,502	-0,023	0,286
CHR2	1762914	CHR2:1762914	SSF x LoA	-9,283	0,078	0,289
CHR2	17629209	CHR2:17629209	SSF x LoA	-10,112	0,008	0,295
CHR2	17649755	CHR2:17649755	SSF x LoA	-10,237	-0,007	0,291
CHR2	17649792	CHR2:17649792	SSF x LoA	-10,478	0,057	0,301
CHR2	17649825	CHR2:17649825	SSF x LoA	-9,407	-0,005	0,287
CHR2	17649959	CHR2:17649959	SSF x LoA	-10,650	0,040	0,294
CHR2	1766279	CHR2:1766279	SSF x LoA	-9,481	-0,096	0,278
CHR2	17671481	CHR2:17671481	SSF x LoA	-6,173	0,100	0,287
CHR2	17674427	CHR2:17674427	SSF x LoA	-2,238	0,211	0,287
CHR2	17674437	CHR2:17674437	SSF x LoA	-9,460	0,086	0,283
CHR2	17674533	CHR2:17674533	SSF x LoA	-6,604	-0,080	0,286
CHR2	17686076	CHR2:17686076	SSF x LoA	-4,696	0,207	0,289
CHR2	17686098	CHR2:17686098	SSF x LoA	-7,099	0,171	0,267
CHR2	17686107	CHR2:17686107	SSF x LoA	-4,803	-0,125	0,295
CHR2	17686145	CHR2:17686145	SSF x LoA	-8,615	-0,013	0,291
CHR2	17686347	CHR2:17686347	SSF x LoA	-9,291	-0,010	0,285
CHR2	17703828	CHR2:17703828	SSF x LoA	-9,255	-0,043	0,283
CHR2	17710859	CHR2:17710859	SSF x LoA	-8,495	-0,044	0,282
CHR2	17711746	CHR2:17711746	SSF x LoA	-10,388	-0,125	0,286
CHR2	17711763	CHR2:17711763	SSF x LoA	-10,159	-0,123	0,286
CHR2	17711887	CHR2:17711887	SSF x LoA	-8,378	-0,103	0,292
CHR2	17733675	CHR2:17733675	SSF x LoA	-9,355	-0,047	0,286
CHR2	17733676	CHR2:17733676	SSF x LoA	-5,280	0,142	0,290
CHR2	17733722	CHR2:17733722	SSF x LoA	-9,618	-0,035	0,307
CHR2	17733755	CHR2:17733755	SSF x LoA	-9,628	0,095	0,281

CHR2	17733760	CHR2:17733760	SSF x LoA	-9,649	-0,043	0,287
CHR2	17733851	CHR2:17733851	SSF x LoA	-6,949	-0,045	0,297
CHR2	17734140	CHR2:17734140	SSF x LoA	-9,561	0,059	0,300
CHR2	17761691	CHR2:17761691	SSF x LoA	-9,918	-0,032	0,292
CHR2	17768028	CHR2:17768028	SSF x LoA	-6,536	0,142	0,293
CHR2	17768126	CHR2:17768126	SSF x LoA	-4,138	-0,209	0,271
CHR2	17768128	CHR2:17768128	SSF x LoA	-6,150	-0,209	0,277
CHR2	17768160	CHR2:17768160	SSF x LoA	-7,776	-0,170	0,292
CHR2	17768240	CHR2:17768240	SSF x LoA	-8,566	-0,042	0,303
CHR2	17768253	CHR2:17768253	SSF x LoA	-11,450	-0,024	0,296
CHR2	17768281	CHR2:17768281	SSF x LoA	-7,383	0,191	0,303
CHR2	17772727	CHR2:17772727	SSF x LoA	-8,061	-0,141	0,283
CHR2	17772755	CHR2:17772755	SSF x LoA	-4,161	-0,149	0,289
CHR2	17772763	CHR2:17772763	SSF x LoA	-7,363	-0,131	0,295
CHR2	17772768	CHR2:17772768	SSF x LoA	-7,933	-0,120	0,292
CHR2	17772814	CHR2:17772814	SSF x LoA	-5,288	-0,165	0,291
CHR2	17772833	CHR2:17772833	SSF x LoA	-7,637	-0,162	0,279
CHR2	17773797	CHR2:17773797	SSF x LoA	-8,078	0,109	0,291
CHR2	17773865	CHR2:17773865	SSF x LoA	-8,615	-0,085	0,283
CHR2	17801060	CHR2:17801060	SSF x LoA	-9,681	-0,066	0,285
CHR2	17801196	CHR2:17801196	SSF x LoA	-5,470	0,204	0,272
CHR2	17812587	CHR2:17812587	SSF x LoA	-8,947	0,072	0,276
CHR2	17814402	CHR2:17814402	SSF x LoA	-7,850	-0,035	0,280
CHR2	17814676	CHR2:17814676	SSF x LoA	-8,219	0,091	0,279
CHR2	17814707	CHR2:17814707	SSF x LoA	-4,435	-0,231	0,269
CHR2	17820271	CHR2:17820271	SSF x LoA	-9,693	0,090	0,283
CHR2	17824015	CHR2:17824015	SSF x LoA	-4,566	0,187	0,280
CHR2	17829816	CHR2:17829816	SSF x LoA	-8,352	-0,025	0,281
CHR2	1783793	CHR2:1783793	SSF x LoA	-6,431	-0,059	0,287
CHR2	1783817	CHR2:1783817	SSF x LoA	-9,922	-0,011	0,296
CHR2	1783828	CHR2:1783828	SSF x LoA	-6,868	0,037	0,277
CHR2	1783830	CHR2:1783830	SSF x LoA	-8,240	0,007	0,254
CHR2	17845533	CHR2:17845533	SSF x LoA	-7,755	-0,097	0,306
CHR2	17845705	CHR2:17845705	SSF x LoA	-9,744	0,010	0,292
CHR2	17845758	CHR2:17845758	SSF x LoA	-10,470	-0,078	0,286
CHR2	17867065	CHR2:17867065	SSF x LoA	-8,653	-0,011	0,287
CHR2	17867905	CHR2:17867905	SSF x LoA	-6,495	-0,004	0,288
CHR2	17867918	CHR2:17867918	SSF x LoA	-8,554	0,034	0,277
CHR2	17871794	CHR2:17871794	SSF x LoA	-9,519	-0,070	0,280
CHR2	1787956	CHR2:1787956	SSF x LoA	-5,081	0,143	0,289
CHR2	1787994	CHR2:1787994	SSF x LoA	-10,706	0,002	0,285
CHR2	1788072	CHR2:1788072	SSF x LoA	-10,772	0,116	0,286
CHR2	17881865	CHR2:17881865	SSF x LoA	-9,613	-0,033	0,284
CHR2	1788190	CHR2:1788190	SSF x LoA	-10,352	0,016	0,294
CHR2	17883826	CHR2:17883826	SSF x LoA	-10,915	-0,023	0,291
CHR2	17884028	CHR2:17884028	SSF x LoA	-7,081	0,147	0,288
CHR2	17890886	CHR2:17890886	SSF x LoA	-10,197	0,104	0,290
CHR2	17890906	CHR2:17890906	SSF x LoA	-7,905	-0,079	0,281
CHR2	17891040	CHR2:17891040	SSF x LoA	-11,369	0,026	0,288
CHR2	17891177	CHR2:17891177	SSF x LoA	-9,390	0,086	0,281
CHR2	17891191	CHR2:17891191	SSF x LoA	-8,478	-0,064	0,293
CHR2	17894846	CHR2:17894846	SSF x LoA	-10,173	0,057	0,291
CHR2	17895514	CHR2:17895514	SSF x LoA	-9,748	0,008	0,291

CHR2	17900896	CHR2:17900896	SSF x LoA	-10,209	0,013	0,282
CHR2	17900962	CHR2:17900962	SSF x LoA	-7,237	0,099	0,298
CHR2	17911942	CHR2:17911942	SSF x LoA	-11,470	-0,099	0,291
CHR2	17912031	CHR2:17912031	SSF x LoA	-7,827	0,086	0,292
CHR2	17912815	CHR2:17912815	SSF x LoA	-6,826	0,105	0,284
CHR2	17912880	CHR2:17912880	SSF x LoA	-8,897	-0,038	0,303
CHR2	17912881	CHR2:17912881	SSF x LoA	-10,306	0,064	0,284
CHR2	17912925	CHR2:17912925	SSF x LoA	-8,037	0,081	0,285
CHR2	17916128	CHR2:17916128	SSF x LoA	-9,022	0,088	0,302
CHR2	17916397	CHR2:17916397	SSF x LoA	-8,263	0,099	0,297
CHR2	17916402	CHR2:17916402	SSF x LoA	-9,866	0,122	0,290
CHR2	17919277	CHR2:17919277	SSF x LoA	-8,374	-0,077	0,285
CHR2	17919292	CHR2:17919292	SSF x LoA	-6,176	-0,124	0,287
CHR2	17919310	CHR2:17919310	SSF x LoA	-7,765	-0,127	0,276
CHR2	17919316	CHR2:17919316	SSF x LoA	-5,416	-0,060	0,292
CHR2	17919330	CHR2:17919330	SSF x LoA	-7,509	-0,105	0,279
CHR2	17919424	CHR2:17919424	SSF x LoA	-8,245	-0,004	0,289
CHR2	17927640	CHR2:17927640	SSF x LoA	-9,393	-0,007	0,307
CHR2	17935371	CHR2:17935371	SSF x LoA	-8,170	0,073	0,295
CHR2	17935462	CHR2:17935462	SSF x LoA	-10,460	0,002	0,291
CHR2	17935634	CHR2:17935634	SSF x LoA	-9,237	-0,070	0,283
CHR2	17935635	CHR2:17935635	SSF x LoA	-8,583	-0,078	0,293
CHR2	17935637	CHR2:17935637	SSF x LoA	-3,445	0,025	0,284
CHR2	1794560	CHR2:1794560	SSF x LoA	-9,191	-0,013	0,290
CHR2	1794658	CHR2:1794658	SSF x LoA	-9,656	0,021	0,291
CHR2	17962121	CHR2:17962121	SSF x LoA	-10,640	-0,020	0,285
CHR2	17962150	CHR2:17962150	SSF x LoA	-9,150	0,053	0,291
CHR2	17968841	CHR2:17968841	SSF x LoA	-6,618	-0,060	0,290
CHR2	17968855	CHR2:17968855	SSF x LoA	-7,273	0,102	0,283
CHR2	17968893	CHR2:17968893	SSF x LoA	-9,985	0,088	0,298
CHR2	1797000	CHR2:1797000	SSF x LoA	-11,354	0,055	0,283
CHR2	1797021	CHR2:1797021	SSF x LoA	-8,049	-0,057	0,298
CHR2	1797027	CHR2:1797027	SSF x LoA	-8,253	-0,075	0,304
CHR2	1798807	CHR2:1798807	SSF x LoA	-10,750	0,008	0,282
CHR2	1798823	CHR2:1798823	SSF x LoA	-9,817	0,015	0,293
CHR2	1798881	CHR2:1798881	SSF x LoA	-9,205	-0,146	0,279
CHR2	18011668	CHR2:18011668	SSF x LoA	-10,006	0,037	0,295
CHR2	18014644	CHR2:18014644	SSF x LoA	-8,793	0,067	0,291
CHR2	18023895	CHR2:18023895	SSF x LoA	-7,870	-0,056	0,278
CHR2	18024088	CHR2:18024088	SSF x LoA	-8,187	-0,007	0,306
CHR2	18035801	CHR2:18035801	SSF x LoA	-10,671	-0,004	0,300
CHR2	18039704	CHR2:18039704	SSF x LoA	-4,246	-0,215	0,267
CHR2	18039720	CHR2:18039720	SSF x LoA	-9,609	0,043	0,282
CHR2	18039725	CHR2:18039725	SSF x LoA	-9,874	-0,001	0,294
CHR2	18039782	CHR2:18039782	SSF x LoA	-8,591	-0,085	0,285
CHR2	18039790	CHR2:18039790	SSF x LoA	-4,789	0,111	0,298
CHR2	18039828	CHR2:18039828	SSF x LoA	-9,807	-0,051	0,295
CHR2	18040348	CHR2:18040348	SSF x LoA	-7,408	-0,180	0,296
CHR2	18040419	CHR2:18040419	SSF x LoA	-8,126	-0,035	0,286
CHR2	18041724	CHR2:18041724	SSF x LoA	-8,697	0,000	0,290
CHR2	18041879	CHR2:18041879	SSF x LoA	-6,451	-0,145	0,292
CHR2	18041993	CHR2:18041993	SSF x LoA	-5,316	0,228	0,277
CHR2	18054160	CHR2:18054160	SSF x LoA	-7,849	-0,079	0,299

CHR2	18054161	CHR2:18054161	SSF x LoA	-10,163	-0,063	0,292
CHR2	18054166	CHR2:18054166	SSF x LoA	-8,349	-0,015	0,297
CHR2	18054264	CHR2:18054264	SSF x LoA	-10,499	0,060	0,282
CHR2	18054594	CHR2:18054594	SSF x LoA	-10,031	-0,032	0,291
CHR2	18054599	CHR2:18054599	SSF x LoA	-9,402	-0,113	0,285
CHR2	18058014	CHR2:18058014	SSF x LoA	-7,484	0,138	0,286
CHR2	18058037	CHR2:18058037	SSF x LoA	-7,755	0,137	0,286
CHR2	18058067	CHR2:18058067	SSF x LoA	-6,561	-0,184	0,282
CHR2	18059352	CHR2:18059352	SSF x LoA	-11,037	0,060	0,280
CHR2	18059388	CHR2:18059388	SSF x LoA	-9,676	-0,029	0,299
CHR2	18083481	CHR2:18083481	SSF x LoA	-9,158	0,090	0,290
CHR2	18083512	CHR2:18083512	SSF x LoA	-9,070	-0,084	0,297
CHR2	18084966	CHR2:18084966	SSF x LoA	-9,982	-0,065	0,269
CHR2	18104999	CHR2:18104999	SSF x LoA	-7,814	0,059	0,288
CHR2	18112316	CHR2:18112316	SSF x LoA	-9,150	0,016	0,287
CHR2	18112326	CHR2:18112326	SSF x LoA	-7,921	-0,051	0,275
CHR2	18120728	CHR2:18120728	SSF x LoA	-10,738	-0,017	0,293
CHR2	18120762	CHR2:18120762	SSF x LoA	-6,544	-0,063	0,289
CHR2	18120794	CHR2:18120794	SSF x LoA	-10,185	0,008	0,299
CHR2	18120839	CHR2:18120839	SSF x LoA	-10,625	-0,044	0,286
CHR2	18120905	CHR2:18120905	SSF x LoA	-9,735	-0,039	0,273
CHR2	18120927	CHR2:18120927	SSF x LoA	-6,688	-0,067	0,280
CHR2	18120928	CHR2:18120928	SSF x LoA	-8,131	-0,063	0,281
CHR2	18120931	CHR2:18120931	SSF x LoA	-9,308	-0,070	0,279
CHR2	18120941	CHR2:18120941	SSF x LoA	-6,413	-0,132	0,278
CHR2	18120944	CHR2:18120944	SSF x LoA	-8,586	-0,065	0,271
CHR2	18120951	CHR2:18120951	SSF x LoA	-7,114	-0,044	0,283
CHR2	18120963	CHR2:18120963	SSF x LoA	-6,498	-0,100	0,280
CHR2	18139525	CHR2:18139525	SSF x LoA	-9,045	0,104	0,285
CHR2	18139547	CHR2:18139547	SSF x LoA	-8,063	0,042	0,279
CHR2	18139557	CHR2:18139557	SSF x LoA	-9,877	-0,004	0,285
CHR2	18139563	CHR2:18139563	SSF x LoA	-9,807	0,079	0,290
CHR2	18144856	CHR2:18144856	SSF x LoA	-9,738	0,087	0,292
CHR2	1815149	CHR2:1815149	SSF x LoA	-8,953	0,087	0,293
CHR2	1815150	CHR2:1815150	SSF x LoA	-7,024	-0,017	0,307
CHR2	18157666	CHR2:18157666	SSF x LoA	-5,083	0,006	0,294
CHR2	18157801	CHR2:18157801	SSF x LoA	-10,977	0,026	0,289
CHR2	18157807	CHR2:18157807	SSF x LoA	-8,774	-0,061	0,280
CHR2	18158789	CHR2:18158789	SSF x LoA	-9,248	-0,043	0,280
CHR2	18158851	CHR2:18158851	SSF x LoA	-7,785	0,016	0,291
CHR2	18159012	CHR2:18159012	SSF x LoA	-9,533	-0,036	0,291
CHR2	18159068	CHR2:18159068	SSF x LoA	-9,036	0,072	0,278
CHR2	18168622	CHR2:18168622	SSF x LoA	-10,644	-0,066	0,286
CHR2	18174261	CHR2:18174261	SSF x LoA	-10,534	-0,062	0,289
CHR2	18174262	CHR2:18174262	SSF x LoA	-4,633	0,155	0,299
CHR2	18176278	CHR2:18176278	SSF x LoA	-9,128	0,077	0,280
CHR2	18176300	CHR2:18176300	SSF x LoA	-7,354	-0,042	0,288
CHR2	18176439	CHR2:18176439	SSF x LoA	-9,155	-0,062	0,285
CHR2	18199814	CHR2:18199814	SSF x LoA	-7,663	0,048	0,300
CHR2	18199821	CHR2:18199821	SSF x LoA	-7,960	-0,094	0,277
CHR2	18199827	CHR2:18199827	SSF x LoA	-8,184	-0,059	0,302
CHR2	18200195	CHR2:18200195	SSF x LoA	-9,623	-0,037	0,284
CHR2	1820089	CHR2:1820089	SSF x LoA	-6,909	0,056	0,291

CHR2	1820096	CHR2:1820096	SSF x LoA	-7,768	0,057	0,302
CHR2	1820166	CHR2:1820166	SSF x LoA	-8,524	0,067	0,283
CHR2	18211711	CHR2:18211711	SSF x LoA	-8,966	0,047	0,281
CHR2	18211738	CHR2:18211738	SSF x LoA	-7,044	0,052	0,290
CHR2	18214965	CHR2:18214965	SSF x LoA	-6,914	0,128	0,274
CHR2	18215085	CHR2:18215085	SSF x LoA	-8,735	0,182	0,288
CHR2	18215114	CHR2:18215114	SSF x LoA	-10,005	0,064	0,280
CHR2	18215158	CHR2:18215158	SSF x LoA	-8,608	0,086	0,283
CHR2	18231193	CHR2:18231193	SSF x LoA	-10,152	-0,024	0,283
CHR2	18231488	CHR2:18231488	SSF x LoA	-10,875	-0,042	0,297
CHR2	18240185	CHR2:18240185	SSF x LoA	-10,890	0,035	0,292
CHR2	18240315	CHR2:18240315	SSF x LoA	-9,364	-0,128	0,286
CHR2	18240326	CHR2:18240326	SSF x LoA	-11,296	-0,006	0,295
CHR2	18240437	CHR2:18240437	SSF x LoA	-9,746	0,089	0,285
CHR2	1824568	CHR2:1824568	SSF x LoA	-10,983	0,045	0,281
CHR2	18255940	CHR2:18255940	SSF x LoA	-9,509	0,016	0,294
CHR2	18256944	CHR2:18256944	SSF x LoA	-8,517	0,019	0,284
CHR2	18266400	CHR2:18266400	SSF x LoA	0,564	-0,194	0,284
CHR2	18266486	CHR2:18266486	SSF x LoA	-7,142	-0,054	0,284
CHR2	18284944	CHR2:18284944	SSF x LoA	-8,602	0,030	0,288
CHR2	18296686	CHR2:18296686	SSF x LoA	-6,645	0,134	0,285
CHR2	18296823	CHR2:18296823	SSF x LoA	-8,447	-0,074	0,266
CHR2	18296832	CHR2:18296832	SSF x LoA	-8,488	-0,007	0,282
CHR2	18297119	CHR2:18297119	SSF x LoA	-9,000	-0,075	0,287
CHR2	18303331	CHR2:18303331	SSF x LoA	-7,798	0,019	0,306
CHR2	18303401	CHR2:18303401	SSF x LoA	-9,005	0,110	0,293
CHR2	18303440	CHR2:18303440	SSF x LoA	-7,495	-0,067	0,297
CHR2	18309130	CHR2:18309130	SSF x LoA	-11,092	0,061	0,292
CHR2	18309215	CHR2:18309215	SSF x LoA	-8,515	0,096	0,277
CHR2	18315640	CHR2:18315640	SSF x LoA	-5,430	0,174	0,288
CHR2	18315661	CHR2:18315661	SSF x LoA	-8,668	-0,013	0,278
CHR2	18322830	CHR2:18322830	SSF x LoA	-8,988	-0,063	0,303
CHR2	18322845	CHR2:18322845	SSF x LoA	-7,339	-0,044	0,300
CHR2	18327428	CHR2:18327428	SSF x LoA	-11,279	0,036	0,298
CHR2	18327488	CHR2:18327488	SSF x LoA	-7,323	0,014	0,310
CHR2	18336858	CHR2:18336858	SSF x LoA	-9,855	-0,059	0,280
CHR2	18337059	CHR2:18337059	SSF x LoA	-10,705	-0,004	0,282
CHR2	18337112	CHR2:18337112	SSF x LoA	-6,240	-0,142	0,302
CHR2	18337116	CHR2:18337116	SSF x LoA	-11,854	0,010	0,292
CHR2	18337146	CHR2:18337146	SSF x LoA	-4,050	-0,121	0,289
CHR2	18337148	CHR2:18337148	SSF x LoA	-7,431	-0,103	0,275
CHR2	18354530	CHR2:18354530	SSF x LoA	-10,966	-0,002	0,285
CHR2	18354592	CHR2:18354592	SSF x LoA	-8,825	-0,009	0,287
CHR2	18355134	CHR2:18355134	SSF x LoA	-8,080	0,163	0,288
CHR2	18355144	CHR2:18355144	SSF x LoA	-7,738	0,147	0,297
CHR2	18355327	CHR2:18355327	SSF x LoA	-5,443	0,193	0,289
CHR2	18355373	CHR2:18355373	SSF x LoA	-5,909	0,151	0,288
CHR2	18359577	CHR2:18359577	SSF x LoA	-8,677	0,030	0,285
CHR2	18359641	CHR2:18359641	SSF x LoA	-9,519	-0,099	0,292
CHR2	18359643	CHR2:18359643	SSF x LoA	-9,637	-0,012	0,292
CHR2	18359728	CHR2:18359728	SSF x LoA	-10,848	0,025	0,296
CHR2	18359791	CHR2:18359791	SSF x LoA	-8,312	0,058	0,295
CHR2	18368129	CHR2:18368129	SSF x LoA	-8,979	0,013	0,286

CHR2	18368168	CHR2:18368168	SSF x LoA	-6,668	0,121	0,290
CHR2	18369265	CHR2:18369265	SSF x LoA	-9,262	-0,105	0,290
CHR2	18369316	CHR2:18369316	SSF x LoA	-10,168	0,033	0,293
CHR2	18378086	CHR2:18378086	SSF x LoA	-11,233	-0,054	0,277
CHR2	18378145	CHR2:18378145	SSF x LoA	-8,536	-0,061	0,294
CHR2	18378210	CHR2:18378210	SSF x LoA	-10,430	-0,017	0,280
CHR2	18378297	CHR2:18378297	SSF x LoA	-6,944	-0,126	0,280
CHR2	18378340	CHR2:18378340	SSF x LoA	-5,568	-0,216	0,270
CHR2	18378390	CHR2:18378390	SSF x LoA	-9,236	0,077	0,272
CHR2	18380853	CHR2:18380853	SSF x LoA	-6,667	0,000	0,287
CHR2	1838122	CHR2:1838122	SSF x LoA	-9,744	-0,058	0,286
CHR2	18398746	CHR2:18398746	SSF x LoA	-8,392	0,046	0,286
CHR2	18398837	CHR2:18398837	SSF x LoA	-11,128	-0,043	0,295
CHR2	18403210	CHR2:18403210	SSF x LoA	-9,983	-0,033	0,285
CHR2	18403235	CHR2:18403235	SSF x LoA	-10,770	-0,027	0,283
CHR2	18403293	CHR2:18403293	SSF x LoA	-7,852	0,043	0,293
CHR2	18412431	CHR2:18412431	SSF x LoA	-9,933	0,033	0,297
CHR2	18412559	CHR2:18412559	SSF x LoA	-9,680	-0,038	0,298
CHR2	18425400	CHR2:18425400	SSF x LoA	-10,858	0,013	0,284
CHR2	18425529	CHR2:18425529	SSF x LoA	-8,960	0,118	0,289
CHR2	18425637	CHR2:18425637	SSF x LoA	-9,512	0,062	0,292
CHR2	18427386	CHR2:18427386	SSF x LoA	-6,160	-0,203	0,280
CHR2	18427395	CHR2:18427395	SSF x LoA	-6,086	-0,169	0,275
CHR2	18427460	CHR2:18427460	SSF x LoA	-8,109	-0,172	0,279
CHR2	18427583	CHR2:18427583	SSF x LoA	-9,354	-0,101	0,289
CHR2	18427645	CHR2:18427645	SSF x LoA	-6,867	0,120	0,287
CHR2	18427654	CHR2:18427654	SSF x LoA	-3,639	-0,214	0,265
CHR2	18435933	CHR2:18435933	SSF x LoA	-10,410	-0,033	0,287
CHR2	18435934	CHR2:18435934	SSF x LoA	-11,362	-0,044	0,279
CHR2	18435950	CHR2:18435950	SSF x LoA	-9,654	-0,014	0,298
CHR2	18435952	CHR2:18435952	SSF x LoA	-11,215	-0,048	0,291
CHR2	18436097	CHR2:18436097	SSF x LoA	-11,111	0,013	0,278
CHR2	18467803	CHR2:18467803	SSF x LoA	-5,444	0,181	0,283
CHR2	18468067	CHR2:18468067	SSF x LoA	-8,287	-0,098	0,289
CHR2	18479434	CHR2:18479434	SSF x LoA	-10,276	-0,130	0,279
CHR2	18480495	CHR2:18480495	SSF x LoA	-8,199	0,043	0,280
CHR2	18480555	CHR2:18480555	SSF x LoA	-8,713	0,023	0,297
CHR2	18480571	CHR2:18480571	SSF x LoA	-8,420	0,031	0,281
CHR2	18480608	CHR2:18480608	SSF x LoA	-8,739	-0,062	0,285
CHR2	18480654	CHR2:18480654	SSF x LoA	-6,534	-0,013	0,306
CHR2	18488710	CHR2:18488710	SSF x LoA	-9,883	-0,020	0,290
CHR2	18488927	CHR2:18488927	SSF x LoA	-10,087	0,017	0,294
CHR2	18494320	CHR2:18494320	SSF x LoA	-9,791	-0,038	0,281
CHR2	18494695	CHR2:18494695	SSF x LoA	-7,647	0,043	0,292
CHR2	18528100	CHR2:18528100	SSF x LoA	-3,559	0,191	0,275
CHR2	18528183	CHR2:18528183	SSF x LoA	-9,250	-0,021	0,274
CHR2	18528203	CHR2:18528203	SSF x LoA	-1,471	0,175	0,262
CHR2	18543710	CHR2:18543710	SSF x LoA	-8,550	-0,064	0,311
CHR2	18543749	CHR2:18543749	SSF x LoA	-10,519	0,020	0,288
CHR2	18556790	CHR2:18556790	SSF x LoA	-10,370	-0,081	0,292
CHR2	18556837	CHR2:18556837	SSF x LoA	-6,562	0,144	0,287
CHR2	18556838	CHR2:18556838	SSF x LoA	-6,582	0,122	0,289
CHR2	18556888	CHR2:18556888	SSF x LoA	-10,663	-0,059	0,291

CHR2	18556911	CHR2:18556911	SSF x LoA	-11,149	0,035	0,296
CHR2	18559995	CHR2:18559995	SSF x LoA	-6,303	-0,160	0,290
CHR2	18560362	CHR2:18560362	SSF x LoA	-9,209	0,142	0,291
CHR2	18577029	CHR2:18577029	SSF x LoA	-7,552	0,126	0,291
CHR2	18577183	CHR2:18577183	SSF x LoA	-8,308	0,040	0,299
CHR2	18577214	CHR2:18577214	SSF x LoA	-8,827	-0,047	0,287
CHR2	18581534	CHR2:18581534	SSF x LoA	-9,855	-0,013	0,292
CHR2	18586493	CHR2:18586493	SSF x LoA	-9,753	0,042	0,290
CHR2	18591508	CHR2:18591508	SSF x LoA	-10,567	-0,100	0,284
CHR2	18605695	CHR2:18605695	SSF x LoA	-5,778	0,149	0,288
CHR2	18605778	CHR2:18605778	SSF x LoA	6,575	-0,270	0,267
CHR2	18605827	CHR2:18605827	SSF x LoA	-4,211	-0,210	0,280
CHR2	18605828	CHR2:18605828	SSF x LoA	-3,516	-0,223	0,286
CHR2	18606374	CHR2:18606374	SSF x LoA	-8,843	-0,107	0,282
CHR2	1862817	CHR2:1862817	SSF x LoA	-9,913	-0,131	0,282
CHR2	1862851	CHR2:1862851	SSF x LoA	4,166	-0,091	0,290
CHR2	1862863	CHR2:1862863	SSF x LoA	-7,119	-0,034	0,301
CHR2	1862867	CHR2:1862867	SSF x LoA	-7,952	-0,029	0,283
CHR2	1862888	CHR2:1862888	SSF x LoA	-6,676	-0,019	0,293
CHR2	18631706	CHR2:18631706	SSF x LoA	-5,788	-0,064	0,282
CHR2	18642837	CHR2:18642837	SSF x LoA	-6,721	-0,116	0,289
CHR2	18667271	CHR2:18667271	SSF x LoA	-7,036	-0,156	0,283
CHR2	18667408	CHR2:18667408	SSF x LoA	-8,281	-0,159	0,267
CHR2	18682627	CHR2:18682627	SSF x LoA	-10,754	-0,077	0,285
CHR2	18699100	CHR2:18699100	SSF x LoA	-8,581	-0,119	0,289
CHR2	18699138	CHR2:18699138	SSF x LoA	-2,673	-0,114	0,285
CHR2	18699146	CHR2:18699146	SSF x LoA	-8,481	-0,032	0,280
CHR2	18699173	CHR2:18699173	SSF x LoA	-8,424	0,020	0,284
CHR2	18699224	CHR2:18699224	SSF x LoA	-7,792	0,017	0,292
CHR2	18703402	CHR2:18703402	SSF x LoA	-9,582	-0,035	0,288
CHR2	18703415	CHR2:18703415	SSF x LoA	-8,300	0,050	0,296
CHR2	18703423	CHR2:18703423	SSF x LoA	-10,679	0,092	0,298
CHR2	18703514	CHR2:18703514	SSF x LoA	-10,346	0,008	0,289
CHR2	18719377	CHR2:18719377	SSF x LoA	-8,010	-0,157	0,289
CHR2	18719692	CHR2:18719692	SSF x LoA	-8,912	-0,178	0,283
CHR2	18719716	CHR2:18719716	SSF x LoA	-10,729	-0,004	0,287
CHR2	18719770	CHR2:18719770	SSF x LoA	-6,563	0,111	0,305
CHR2	1874724	CHR2:1874724	SSF x LoA	-7,669	0,074	0,300
CHR2	1874774	CHR2:1874774	SSF x LoA	-9,461	-0,041	0,291
CHR2	1875946	CHR2:1875946	SSF x LoA	-10,241	-0,040	0,273
CHR2	18797593	CHR2:18797593	SSF x LoA	-7,423	-0,076	0,282
CHR2	18797613	CHR2:18797613	SSF x LoA	-9,637	0,090	0,270
CHR2	18797869	CHR2:18797869	SSF x LoA	-6,671	-0,152	0,284
CHR2	18797877	CHR2:18797877	SSF x LoA	-11,136	0,009	0,287
CHR2	18797976	CHR2:18797976	SSF x LoA	-10,352	0,024	0,289
CHR2	18815048	CHR2:18815048	SSF x LoA	-9,056	0,011	0,292
CHR2	18815098	CHR2:18815098	SSF x LoA	-7,933	0,064	0,297
CHR2	18815222	CHR2:18815222	SSF x LoA	-9,025	0,029	0,288
CHR2	18815229	CHR2:18815229	SSF x LoA	-8,405	0,037	0,283
CHR2	18815250	CHR2:18815250	SSF x LoA	-8,494	0,096	0,303
CHR2	18818550	CHR2:18818550	SSF x LoA	-8,684	0,116	0,286
CHR2	18839215	CHR2:18839215	SSF x LoA	-7,323	0,070	0,296
CHR2	18854772	CHR2:18854772	SSF x LoA	-7,408	0,090	0,290

CHR2	18854811	CHR2:18854811	SSF x LoA	-6,392	-0,140	0,283
CHR2	18855746	CHR2:18855746	SSF x LoA	-8,396	-0,035	0,283
CHR2	18855797	CHR2:18855797	SSF x LoA	-10,438	-0,012	0,288
CHR2	18855905	CHR2:18855905	SSF x LoA	-9,170	-0,015	0,276
CHR2	1887584	CHR2:1887584	SSF x LoA	-7,131	-0,080	0,280
CHR2	1887597	CHR2:1887597	SSF x LoA	-8,535	-0,016	0,290
CHR2	1887599	CHR2:1887599	SSF x LoA	-7,171	0,009	0,293
CHR2	1887672	CHR2:1887672	SSF x LoA	-10,764	0,001	0,283
CHR2	1887682	CHR2:1887682	SSF x LoA	-9,732	-0,075	0,284
CHR2	1887703	CHR2:1887703	SSF x LoA	-8,503	-0,110	0,294
CHR2	1887781	CHR2:1887781	SSF x LoA	-7,891	0,127	0,281
CHR2	18890206	CHR2:18890206	SSF x LoA	-5,151	-0,165	0,293
CHR2	1891724	CHR2:1891724	SSF x LoA	-9,804	0,072	0,283
CHR2	1891758	CHR2:1891758	SSF x LoA	-8,492	-0,020	0,296
CHR2	18921256	CHR2:18921256	SSF x LoA	-8,229	0,118	0,282
CHR2	18977046	CHR2:18977046	SSF x LoA	-10,936	-0,111	0,299
CHR2	18983326	CHR2:18983326	SSF x LoA	-6,885	-0,100	0,290
CHR2	18983381	CHR2:18983381	SSF x LoA	-9,779	-0,078	0,284
CHR2	18983405	CHR2:18983405	SSF x LoA	-11,380	0,014	0,275
CHR2	18987172	CHR2:18987172	SSF x LoA	-7,138	0,179	0,287
CHR2	18995809	CHR2:18995809	SSF x LoA	-9,435	0,074	0,276
CHR2	1904224	CHR2:1904224	SSF x LoA	-8,652	0,007	0,289
CHR2	19050082	CHR2:19050082	SSF x LoA	-10,783	-0,053	0,287
CHR2	19090188	CHR2:19090188	SSF x LoA	-6,805	-0,072	0,292
CHR2	19090519	CHR2:19090519	SSF x LoA	-10,628	-0,006	0,284
CHR2	19140239	CHR2:19140239	SSF x LoA	-6,396	-0,074	0,290
CHR2	19147622	CHR2:19147622	SSF x LoA	-7,719	-0,138	0,280
CHR2	19147833	CHR2:19147833	SSF x LoA	-10,490	-0,014	0,287
CHR2	19186312	CHR2:19186312	SSF x LoA	-9,136	0,081	0,295
CHR2	19201494	CHR2:19201494	SSF x LoA	-7,160	-0,148	0,284
CHR2	19201611	CHR2:19201611	SSF x LoA	-7,959	-0,009	0,277
CHR2	1949433	CHR2:1949433	SSF x LoA	-10,862	0,078	0,289
CHR2	1949599	CHR2:1949599	SSF x LoA	-7,885	-0,051	0,299
CHR2	1951840	CHR2:1951840	SSF x LoA	-9,946	0,016	0,293
CHR2	1979330	CHR2:1979330	SSF x LoA	-10,215	0,012	0,287
CHR2	1979392	CHR2:1979392	SSF x LoA	-8,050	-0,070	0,280
CHR2	1983930	CHR2:1983930	SSF x LoA	-3,586	-0,191	0,267
CHR2	1984024	CHR2:1984024	SSF x LoA	-11,317	0,010	0,282
CHR2	1994318	CHR2:1994318	SSF x LoA	-4,430	0,191	0,293
CHR2	1994493	CHR2:1994493	SSF x LoA	-7,850	0,111	0,288
CHR2	2004968	CHR2:2004968	SSF x LoA	-9,887	0,066	0,280
CHR2	2004984	CHR2:2004984	SSF x LoA	-8,672	0,083	0,275
CHR2	2004995	CHR2:2004995	SSF x LoA	-10,263	0,110	0,281
CHR2	2005207	CHR2:2005207	SSF x LoA	-9,490	-0,110	0,283
CHR2	2034869	CHR2:2034869	SSF x LoA	-11,133	-0,031	0,277
CHR2	2034876	CHR2:2034876	SSF x LoA	-5,437	0,176	0,284
CHR2	2039716	CHR2:2039716	SSF x LoA	-9,809	-0,028	0,299
CHR2	2066886	CHR2:2066886	SSF x LoA	-7,520	-0,016	0,289
CHR2	2066887	CHR2:2066887	SSF x LoA	-6,332	-0,072	0,296
CHR2	2066925	CHR2:2066925	SSF x LoA	-7,675	0,091	0,296
CHR2	2066938	CHR2:2066938	SSF x LoA	-9,858	0,021	0,282
CHR2	2067130	CHR2:2067130	SSF x LoA	-10,685	0,062	0,285
CHR2	2079306	CHR2:2079306	SSF x LoA	-7,574	0,010	0,295

CHR2	2088666	CHR2:2088666	SSF x LoA	-5,910	0,175	0,290
CHR2	2088683	CHR2:2088683	SSF x LoA	-8,865	-0,033	0,298
CHR2	2088694	CHR2:2088694	SSF x LoA	-7,461	0,040	0,295
CHR2	2090804	CHR2:2090804	SSF x LoA	-9,035	0,105	0,288
CHR2	2090931	CHR2:2090931	SSF x LoA	-6,060	-0,146	0,272
CHR2	2090933	CHR2:2090933	SSF x LoA	-6,934	0,132	0,267
CHR2	2090936	CHR2:2090936	SSF x LoA	-6,338	0,191	0,264
CHR2	2138917	CHR2:2138917	SSF x LoA	-10,985	-0,024	0,285
CHR2	2138960	CHR2:2138960	SSF x LoA	-6,424	0,018	0,296
CHR2	2138981	CHR2:2138981	SSF x LoA	-7,711	0,003	0,297
CHR2	2138983	CHR2:2138983	SSF x LoA	-10,007	0,017	0,292
CHR2	2138987	CHR2:2138987	SSF x LoA	-9,837	-0,093	0,283
CHR2	2138995	CHR2:2138995	SSF x LoA	-9,246	0,085	0,299
CHR2	2139018	CHR2:2139018	SSF x LoA	-9,361	0,007	0,296
CHR2	2139078	CHR2:2139078	SSF x LoA	-7,270	0,016	0,303
CHR2	2139081	CHR2:2139081	SSF x LoA	-7,679	0,043	0,293
CHR2	2139082	CHR2:2139082	SSF x LoA	-6,832	0,019	0,295
CHR2	2148437	CHR2:2148437	SSF x LoA	-6,623	0,015	0,299
CHR2	2148468	CHR2:2148468	SSF x LoA	-6,069	0,181	0,292
CHR2	2154921	CHR2:2154921	SSF x LoA	-10,995	0,103	0,284
CHR2	2155035	CHR2:2155035	SSF x LoA	-8,327	-0,074	0,288
CHR2	2155051	CHR2:2155051	SSF x LoA	-8,330	-0,020	0,276
CHR2	2155087	CHR2:2155087	SSF x LoA	-7,509	0,059	0,286
CHR2	2161643	CHR2:2161643	SSF x LoA	-6,890	0,132	0,267
CHR2	2161668	CHR2:2161668	SSF x LoA	-9,641	0,012	0,292
CHR2	2161677	CHR2:2161677	SSF x LoA	-6,336	-0,089	0,287
CHR2	2161707	CHR2:2161707	SSF x LoA	-8,615	0,109	0,291
CHR2	2161737	CHR2:2161737	SSF x LoA	-5,915	-0,123	0,275
CHR2	2161738	CHR2:2161738	SSF x LoA	-11,328	0,015	0,294
CHR2	2161745	CHR2:2161745	SSF x LoA	-11,230	-0,068	0,277
CHR2	2162971	CHR2:2162971	SSF x LoA	-10,348	-0,002	0,268
CHR2	2162988	CHR2:2162988	SSF x LoA	-9,350	0,059	0,291
CHR2	2162989	CHR2:2162989	SSF x LoA	-8,837	0,136	0,303
CHR2	2163005	CHR2:2163005	SSF x LoA	-6,213	0,038	0,302
CHR2	2163009	CHR2:2163009	SSF x LoA	-6,955	0,142	0,290
CHR2	2163082	CHR2:2163082	SSF x LoA	-9,344	-0,050	0,287
CHR2	2163132	CHR2:2163132	SSF x LoA	-10,650	0,002	0,280
CHR2	2167047	CHR2:2167047	SSF x LoA	-6,583	-0,025	0,301
CHR2	2167048	CHR2:2167048	SSF x LoA	-6,973	-0,010	0,312
CHR2	2167049	CHR2:2167049	SSF x LoA	-7,984	-0,020	0,297
CHR2	2167063	CHR2:2167063	SSF x LoA	-9,031	-0,047	0,280
CHR2	2167076	CHR2:2167076	SSF x LoA	-7,267	-0,009	0,296
CHR2	2172544	CHR2:2172544	SSF x LoA	-7,038	0,152	0,282
CHR2	2172564	CHR2:2172564	SSF x LoA	-8,446	0,060	0,279
CHR2	2173468	CHR2:2173468	SSF x LoA	-9,496	-0,070	0,289
CHR2	2173509	CHR2:2173509	SSF x LoA	-8,258	0,063	0,287
CHR2	2173515	CHR2:2173515	SSF x LoA	14,963	0,094	0,300
CHR2	2173584	CHR2:2173584	SSF x LoA	-5,874	0,081	0,284
CHR2	2187885	CHR2:2187885	SSF x LoA	-9,278	-0,010	0,297
CHR2	2188060	CHR2:2188060	SSF x LoA	-8,927	0,041	0,297
CHR2	2212366	CHR2:2212366	SSF x LoA	-8,800	-0,044	0,292
CHR2	2231727	CHR2:2231727	SSF x LoA	-7,027	-0,104	0,296
CHR2	2236771	CHR2:2236771	SSF x LoA	-10,081	0,096	0,294

CHR2	2236927	CHR2:2236927	SSF x LoA	-8,228	-0,196	0,269
CHR2	2241622	CHR2:2241622	SSF x LoA	-10,058	-0,046	0,284
CHR2	2241684	CHR2:2241684	SSF x LoA	-8,475	0,117	0,287
CHR2	2241821	CHR2:2241821	SSF x LoA	-10,596	-0,089	0,281
CHR2	2251261	CHR2:2251261	SSF x LoA	-6,641	0,015	0,295
CHR2	2251268	CHR2:2251268	SSF x LoA	-8,028	0,002	0,297
CHR2	2251664	CHR2:2251664	SSF x LoA	-10,245	-0,072	0,275
CHR2	225799	CHR2:225799	SSF x LoA	-7,577	-0,044	0,292
CHR2	2263514	CHR2:2263514	SSF x LoA	-8,291	0,029	0,304
CHR2	2263656	CHR2:2263656	SSF x LoA	-8,303	0,051	0,283
CHR2	2263661	CHR2:2263661	SSF x LoA	-7,138	0,076	0,290
CHR2	2278190	CHR2:2278190	SSF x LoA	-7,143	-0,103	0,293
CHR2	2278269	CHR2:2278269	SSF x LoA	-8,895	-0,067	0,308
CHR2	2278302	CHR2:2278302	SSF x LoA	-9,513	-0,069	0,291
CHR2	2284228	CHR2:2284228	SSF x LoA	-6,916	-0,091	0,284
CHR2	2284320	CHR2:2284320	SSF x LoA	-8,676	-0,001	0,306
CHR2	2284513	CHR2:2284513	SSF x LoA	-5,805	0,047	0,295
CHR2	2284530	CHR2:2284530	SSF x LoA	-8,308	-0,027	0,284
CHR2	2284543	CHR2:2284543	SSF x LoA	-10,481	0,056	0,278
CHR2	2284571	CHR2:2284571	SSF x LoA	-8,311	0,047	0,289
CHR2	2284604	CHR2:2284604	SSF x LoA	-8,312	0,006	0,297
CHR2	2284658	CHR2:2284658	SSF x LoA	-10,614	-0,018	0,295
CHR2	229574	CHR2:229574	SSF x LoA	-9,575	-0,046	0,277
CHR2	229732	CHR2:229732	SSF x LoA	-9,404	-0,113	0,292
CHR2	2308455	CHR2:2308455	SSF x LoA	-9,777	0,010	0,300
CHR2	2308547	CHR2:2308547	SSF x LoA	-8,816	0,048	0,291
CHR2	2308557	CHR2:2308557	SSF x LoA	-10,271	0,066	0,281
CHR2	2308590	CHR2:2308590	SSF x LoA	-1,037	0,002	0,295
CHR2	2308629	CHR2:2308629	SSF x LoA	-9,832	-0,010	0,296
CHR2	2308662	CHR2:2308662	SSF x LoA	-8,871	0,024	0,309
CHR2	2308808	CHR2:2308808	SSF x LoA	-9,723	-0,004	0,288
CHR2	2308845	CHR2:2308845	SSF x LoA	-10,857	0,019	0,285
CHR2	2308846	CHR2:2308846	SSF x LoA	-7,973	-0,058	0,291
CHR2	2308865	CHR2:2308865	SSF x LoA	-8,845	-0,002	0,289
CHR2	2308876	CHR2:2308876	SSF x LoA	-6,199	0,042	0,288
CHR2	2308880	CHR2:2308880	SSF x LoA	-9,788	-0,015	0,291
CHR2	2308918	CHR2:2308918	SSF x LoA	-8,203	-0,015	0,294
CHR2	2308921	CHR2:2308921	SSF x LoA	-10,041	-0,007	0,291
CHR2	2308923	CHR2:2308923	SSF x LoA	-9,014	-0,002	0,286
CHR2	2310392	CHR2:2310392	SSF x LoA	-8,134	0,060	0,296
CHR2	2310411	CHR2:2310411	SSF x LoA	-10,241	-0,034	0,289
CHR2	2310427	CHR2:2310427	SSF x LoA	-9,350	-0,036	0,275
CHR2	2310436	CHR2:2310436	SSF x LoA	-10,228	-0,050	0,286
CHR2	2310518	CHR2:2310518	SSF x LoA	-7,656	-0,055	0,278
CHR2	2310615	CHR2:2310615	SSF x LoA	-10,135	-0,001	0,289
CHR2	2325753	CHR2:2325753	SSF x LoA	-9,428	-0,020	0,296
CHR2	2325765	CHR2:2325765	SSF x LoA	-8,115	0,050	0,288
CHR2	2328335	CHR2:2328335	SSF x LoA	-9,272	-0,056	0,291
CHR2	2332091	CHR2:2332091	SSF x LoA	-11,014	-0,083	0,286
CHR2	2332346	CHR2:2332346	SSF x LoA	-8,952	0,030	0,291
CHR2	2334949	CHR2:2334949	SSF x LoA	-8,894	0,047	0,294
CHR2	2339030	CHR2:2339030	SSF x LoA	-9,988	-0,112	0,296
CHR2	2339058	CHR2:2339058	SSF x LoA	-10,573	-0,132	0,283

CHR2	2339356	CHR2:2339356	SSF x LoA	-8,649	-0,181	0,279
CHR2	236206	CHR2:236206	SSF x LoA	-8,008	0,090	0,298
CHR2	2391012	CHR2:2391012	SSF x LoA	-8,116	-0,078	0,277
CHR2	2391028	CHR2:2391028	SSF x LoA	-7,992	-0,104	0,278
CHR2	2391152	CHR2:2391152	SSF x LoA	-9,181	-0,106	0,291
CHR2	243108	CHR2:243108	SSF x LoA	-10,419	-0,096	0,268
CHR2	2433507	CHR2:2433507	SSF x LoA	-8,035	-0,023	0,282
CHR2	2433511	CHR2:2433511	SSF x LoA	-10,682	-0,038	0,280
CHR2	2433529	CHR2:2433529	SSF x LoA	-10,899	-0,033	0,280
CHR2	2433555	CHR2:2433555	SSF x LoA	-10,282	-0,004	0,289
CHR2	2433598	CHR2:2433598	SSF x LoA	-9,796	-0,028	0,291
CHR2	2433599	CHR2:2433599	SSF x LoA	-10,039	-0,009	0,299
CHR2	2437931	CHR2:2437931	SSF x LoA	-11,002	0,049	0,297
CHR2	2437987	CHR2:2437987	SSF x LoA	-7,956	0,052	0,303
CHR2	2437994	CHR2:2437994	SSF x LoA	-11,050	0,049	0,298
CHR2	2451470	CHR2:2451470	SSF x LoA	-7,540	0,152	0,299
CHR2	2456118	CHR2:2456118	SSF x LoA	-9,544	0,140	0,272
CHR2	2458284	CHR2:2458284	SSF x LoA	-3,089	0,185	0,285
CHR2	2458601	CHR2:2458601	SSF x LoA	-9,760	0,046	0,292
CHR2	2458642	CHR2:2458642	SSF x LoA	-11,016	0,068	0,276
CHR2	2497090	CHR2:2497090	SSF x LoA	-10,249	-0,024	0,270
CHR2	2497161	CHR2:2497161	SSF x LoA	-8,212	0,113	0,281
CHR2	2497308	CHR2:2497308	SSF x LoA	-9,315	0,065	0,288
CHR2	2502925	CHR2:2502925	SSF x LoA	-7,430	0,020	0,304
CHR2	2502927	CHR2:2502927	SSF x LoA	-6,916	0,053	0,292
CHR2	2503067	CHR2:2503067	SSF x LoA	-11,088	0,043	0,295
CHR2	2503075	CHR2:2503075	SSF x LoA	-7,121	-0,126	0,292
CHR2	2503119	CHR2:2503119	SSF x LoA	-7,784	0,013	0,283
CHR2	2508671	CHR2:2508671	SSF x LoA	-10,533	0,093	0,273
CHR2	2508745	CHR2:2508745	SSF x LoA	-1,377	0,174	0,278
CHR2	2510381	CHR2:2510381	SSF x LoA	-7,716	0,151	0,286
CHR2	2518068	CHR2:2518068	SSF x LoA	-9,670	0,046	0,293
CHR2	2518469	CHR2:2518469	SSF x LoA	-8,037	0,125	0,278
CHR2	2528827	CHR2:2528827	SSF x LoA	-5,614	0,173	0,283
CHR2	2541695	CHR2:2541695	SSF x LoA	-8,430	-0,051	0,288
CHR2	2547193	CHR2:2547193	SSF x LoA	-8,444	-0,033	0,291
CHR2	2547228	CHR2:2547228	SSF x LoA	-5,499	-0,114	0,275
CHR2	2547277	CHR2:2547277	SSF x LoA	-8,637	-0,003	0,271
CHR2	2547293	CHR2:2547293	SSF x LoA	-10,552	-0,053	0,284
CHR2	2547299	CHR2:2547299	SSF x LoA	-11,115	-0,029	0,291
CHR2	2547319	CHR2:2547319	SSF x LoA	-8,037	-0,019	0,281
CHR2	2547328	CHR2:2547328	SSF x LoA	-10,095	-0,024	0,286
CHR2	2547372	CHR2:2547372	SSF x LoA	-8,778	0,022	0,280
CHR2	2552887	CHR2:2552887	SSF x LoA	-11,026	0,019	0,287
CHR2	2552895	CHR2:2552895	SSF x LoA	-7,751	0,096	0,297
CHR2	2574392	CHR2:2574392	SSF x LoA	-6,496	-0,117	0,291
CHR2	2574447	CHR2:2574447	SSF x LoA	-6,715	-0,023	0,303
CHR2	2574665	CHR2:2574665	SSF x LoA	-10,552	0,078	0,296
CHR2	2582640	CHR2:2582640	SSF x LoA	-7,856	-0,037	0,297
CHR2	2582650	CHR2:2582650	SSF x LoA	-8,042	0,016	0,291
CHR2	2582666	CHR2:2582666	SSF x LoA	-8,310	-0,016	0,297
CHR2	2593110	CHR2:2593110	SSF x LoA	-3,561	0,065	0,288
CHR2	2593201	CHR2:2593201	SSF x LoA	-7,795	-0,017	0,297

CHR2	2593247	CHR2:2593247	SSF x LoA	-5,478	-0,139	0,283
CHR2	2611292	CHR2:2611292	SSF x LoA	-8,687	-0,006	0,282
CHR2	2611346	CHR2:2611346	SSF x LoA	-9,841	0,117	0,304
CHR2	2611350	CHR2:2611350	SSF x LoA	-9,944	-0,106	0,289
CHR2	2611590	CHR2:2611590	SSF x LoA	-8,448	0,003	0,292
CHR2	2629087	CHR2:2629087	SSF x LoA	-8,481	-0,015	0,279
CHR2	2646933	CHR2:2646933	SSF x LoA	-9,046	-0,149	0,283
CHR2	2646989	CHR2:2646989	SSF x LoA	-8,006	-0,115	0,270
CHR2	2647039	CHR2:2647039	SSF x LoA	-8,511	0,139	0,297
CHR2	2652918	CHR2:2652918	SSF x LoA	-8,437	-0,047	0,304
CHR2	2652944	CHR2:2652944	SSF x LoA	-9,286	-0,049	0,293
CHR2	2653004	CHR2:2653004	SSF x LoA	-10,249	-0,023	0,294
CHR2	2663377	CHR2:2663377	SSF x LoA	-8,582	0,117	0,294
CHR2	2663420	CHR2:2663420	SSF x LoA	-9,322	0,037	0,293
CHR2	2663557	CHR2:2663557	SSF x LoA	-8,698	0,128	0,288
CHR2	2663637	CHR2:2663637	SSF x LoA	-10,838	0,024	0,300
CHR2	2671272	CHR2:2671272	SSF x LoA	-10,305	0,002	0,288
CHR2	2671282	CHR2:2671282	SSF x LoA	-7,162	-0,085	0,300
CHR2	2671313	CHR2:2671313	SSF x LoA	-9,650	0,034	0,290
CHR2	2684852	CHR2:2684852	SSF x LoA	-7,637	-0,027	0,315
CHR2	2690713	CHR2:2690713	SSF x LoA	-9,094	-0,012	0,288
CHR2	2697762	CHR2:2697762	SSF x LoA	-8,837	-0,031	0,279
CHR2	2697786	CHR2:2697786	SSF x LoA	-8,444	0,092	0,290
CHR2	2697853	CHR2:2697853	SSF x LoA	-10,303	-0,105	0,288
CHR2	2699759	CHR2:2699759	SSF x LoA	-6,544	0,178	0,264
CHR2	2699761	CHR2:2699761	SSF x LoA	-6,351	0,170	0,278
CHR2	2699820	CHR2:2699820	SSF x LoA	-7,533	-0,095	0,300
CHR2	2699826	CHR2:2699826	SSF x LoA	-3,741	0,061	0,286
CHR2	2705624	CHR2:2705624	SSF x LoA	-8,301	0,106	0,291
CHR2	2729079	CHR2:2729079	SSF x LoA	-8,549	-0,131	0,274
CHR2	2729122	CHR2:2729122	SSF x LoA	-7,889	-0,060	0,297
CHR2	2729176	CHR2:2729176	SSF x LoA	-8,015	0,137	0,315
CHR2	2729244	CHR2:2729244	SSF x LoA	-7,656	0,086	0,299
CHR2	2729395	CHR2:2729395	SSF x LoA	-6,908	-0,067	0,274
CHR2	2761541	CHR2:2761541	SSF x LoA	-9,980	-0,050	0,285
CHR2	2761743	CHR2:2761743	SSF x LoA	-9,708	0,088	0,296
CHR2	2764200	CHR2:2764200	SSF x LoA	-5,338	0,117	0,286
CHR2	278833	CHR2:278833	SSF x LoA	-7,878	-0,132	0,293
CHR2	278897	CHR2:278897	SSF x LoA	-9,613	0,135	0,299
CHR2	278971	CHR2:278971	SSF x LoA	-8,813	0,082	0,310
CHR2	278974	CHR2:278974	SSF x LoA	-7,701	0,154	0,297
CHR2	2802270	CHR2:2802270	SSF x LoA	-9,407	0,147	0,296
CHR2	2802317	CHR2:2802317	SSF x LoA	-9,403	0,138	0,305
CHR2	2802380	CHR2:2802380	SSF x LoA	-5,362	-0,143	0,274
CHR2	2802395	CHR2:2802395	SSF x LoA	-8,874	0,037	0,278
CHR2	2802439	CHR2:2802439	SSF x LoA	-5,664	0,034	0,281
CHR2	2802447	CHR2:2802447	SSF x LoA	-9,416	0,002	0,277
CHR2	2802450	CHR2:2802450	SSF x LoA	-8,985	-0,006	0,295
CHR2	2802453	CHR2:2802453	SSF x LoA	-11,096	0,017	0,276
CHR2	2802460	CHR2:2802460	SSF x LoA	-8,446	0,021	0,292
CHR2	2802463	CHR2:2802463	SSF x LoA	-8,307	-0,007	0,282
CHR2	2802475	CHR2:2802475	SSF x LoA	-10,468	-0,035	0,280
CHR2	2802501	CHR2:2802501	SSF x LoA	-8,495	0,029	0,287

CHR2	282288	CHR2:282288	SSF x LoA	-6,759	-0,129	0,286
CHR2	282516	CHR2:282516	SSF x LoA	-7,144	0,001	0,307
CHR2	2825939	CHR2:2825939	SSF x LoA	-7,950	-0,099	0,290
CHR2	2826044	CHR2:2826044	SSF x LoA	-8,838	0,054	0,291
CHR2	2826045	CHR2:2826045	SSF x LoA	-9,596	0,025	0,290
CHR2	2829733	CHR2:2829733	SSF x LoA	-4,034	-0,165	0,299
CHR2	2829745	CHR2:2829745	SSF x LoA	-8,626	0,029	0,286
CHR2	2829778	CHR2:2829778	SSF x LoA	-9,217	0,027	0,295
CHR2	2829842	CHR2:2829842	SSF x LoA	-8,327	0,136	0,280
CHR2	2850722	CHR2:2850722	SSF x LoA	-9,431	-0,065	0,283
CHR2	2850725	CHR2:2850725	SSF x LoA	-5,391	-0,089	0,304
CHR2	2850786	CHR2:2850786	SSF x LoA	-10,009	-0,073	0,281
CHR2	2850882	CHR2:2850882	SSF x LoA	-5,467	0,199	0,264
CHR2	2852921	CHR2:2852921	SSF x LoA	-5,523	0,114	0,283
CHR2	2853266	CHR2:2853266	SSF x LoA	-9,103	-0,016	0,277
CHR2	2853268	CHR2:2853268	SSF x LoA	-7,923	0,109	0,273
CHR2	2853303	CHR2:2853303	SSF x LoA	-9,424	0,037	0,305
CHR2	2853315	CHR2:2853315	SSF x LoA	-7,039	-0,061	0,287
CHR2	2853345	CHR2:2853345	SSF x LoA	-8,744	-0,025	0,288
CHR2	2857354	CHR2:2857354	SSF x LoA	-10,366	0,058	0,287
CHR2	2857419	CHR2:2857419	SSF x LoA	-8,270	0,028	0,282
CHR2	2857420	CHR2:2857420	SSF x LoA	-8,228	-0,125	0,298
CHR2	2857453	CHR2:2857453	SSF x LoA	-8,820	-0,064	0,284
CHR2	2857454	CHR2:2857454	SSF x LoA	-7,230	-0,058	0,289
CHR2	2857461	CHR2:2857461	SSF x LoA	-6,898	-0,014	0,288
CHR2	2857499	CHR2:2857499	SSF x LoA	-9,831	0,079	0,294
CHR2	2870276	CHR2:2870276	SSF x LoA	-8,439	-0,074	0,292
CHR2	2870294	CHR2:2870294	SSF x LoA	-9,925	-0,094	0,293
CHR2	2874681	CHR2:2874681	SSF x LoA	-10,096	0,009	0,285
CHR2	2874746	CHR2:2874746	SSF x LoA	-7,672	-0,083	0,284
CHR2	2877896	CHR2:2877896	SSF x LoA	-7,593	-0,018	0,290
CHR2	2878103	CHR2:2878103	SSF x LoA	-6,632	-0,124	0,278
CHR2	2878163	CHR2:2878163	SSF x LoA	-9,074	-0,121	0,279
CHR2	2884610	CHR2:2884610	SSF x LoA	-10,815	-0,039	0,280
CHR2	2884622	CHR2:2884622	SSF x LoA	-7,640	-0,103	0,296
CHR2	2903224	CHR2:2903224	SSF x LoA	-6,242	0,020	0,287
CHR2	2914543	CHR2:2914543	SSF x LoA	-11,103	-0,033	0,287
CHR2	2914646	CHR2:2914646	SSF x LoA	-2,507	-0,116	0,289
CHR2	2957976	CHR2:2957976	SSF x LoA	-7,528	0,097	0,299
CHR2	2958069	CHR2:2958069	SSF x LoA	-11,150	-0,089	0,284
CHR2	2958203	CHR2:2958203	SSF x LoA	-8,657	-0,060	0,300
CHR2	2992045	CHR2:2992045	SSF x LoA	-4,932	0,172	0,297
CHR2	2992069	CHR2:2992069	SSF x LoA	-10,045	-0,030	0,283
CHR2	2992108	CHR2:2992108	SSF x LoA	-8,501	-0,007	0,289
CHR2	2992145	CHR2:2992145	SSF x LoA	-10,256	0,005	0,278
CHR2	2992160	CHR2:2992160	SSF x LoA	-11,404	-0,024	0,280
CHR2	2992602	CHR2:2992602	SSF x LoA	-9,532	-0,019	0,287
CHR2	299384	CHR2:299384	SSF x LoA	-7,644	0,126	0,284
CHR2	2995405	CHR2:2995405	SSF x LoA	-9,012	-0,024	0,287
CHR2	2995468	CHR2:2995468	SSF x LoA	-11,511	0,017	0,288
CHR2	2995477	CHR2:2995477	SSF x LoA	-10,088	0,029	0,289
CHR2	2995491	CHR2:2995491	SSF x LoA	-11,109	0,036	0,290
CHR2	300142	CHR2:300142	SSF x LoA	-9,910	0,064	0,289

CHR2	300200	CHR2:300200	SSF x LoA	-9,930	0,135	0,284
CHR2	3016054	CHR2:3016054	SSF x LoA	-4,834	0,108	0,290
CHR2	3016118	CHR2:3016118	SSF x LoA	-10,025	0,025	0,292
CHR2	3016138	CHR2:3016138	SSF x LoA	-7,704	0,006	0,288
CHR2	3027498	CHR2:3027498	SSF x LoA	-7,131	0,008	0,299
CHR2	3027548	CHR2:3027548	SSF x LoA	-8,672	-0,073	0,287
CHR2	3027572	CHR2:3027572	SSF x LoA	-8,565	-0,011	0,295
CHR2	3027607	CHR2:3027607	SSF x LoA	-8,830	0,098	0,289
CHR2	3027670	CHR2:3027670	SSF x LoA	-7,828	0,100	0,295
CHR2	3027697	CHR2:3027697	SSF x LoA	-9,377	-0,045	0,303
CHR2	3029658	CHR2:3029658	SSF x LoA	-7,724	0,086	0,287
CHR2	3029690	CHR2:3029690	SSF x LoA	-10,439	-0,090	0,290
CHR2	3029766	CHR2:3029766	SSF x LoA	-9,699	-0,019	0,286
CHR2	3029772	CHR2:3029772	SSF x LoA	-8,554	0,078	0,272
CHR2	3029775	CHR2:3029775	SSF x LoA	-7,992	-0,069	0,285
CHR2	3029799	CHR2:3029799	SSF x LoA	-5,992	0,006	0,281
CHR2	3029811	CHR2:3029811	SSF x LoA	-8,153	0,059	0,298
CHR2	3033322	CHR2:3033322	SSF x LoA	-5,854	0,125	0,290
CHR2	3033365	CHR2:3033365	SSF x LoA	-10,188	0,011	0,300
CHR2	3036947	CHR2:3036947	SSF x LoA	-10,438	0,010	0,276
CHR2	3036974	CHR2:3036974	SSF x LoA	-6,616	-0,194	0,283
CHR2	3036981	CHR2:3036981	SSF x LoA	-9,704	-0,046	0,289
CHR2	3036984	CHR2:3036984	SSF x LoA	-8,105	0,103	0,300
CHR2	3037041	CHR2:3037041	SSF x LoA	2,040	0,102	0,294
CHR2	3037044	CHR2:3037044	SSF x LoA	-10,900	0,001	0,286
CHR2	3037061	CHR2:3037061	SSF x LoA	-7,291	0,142	0,291
CHR2	3037089	CHR2:3037089	SSF x LoA	-8,732	-0,078	0,300
CHR2	3037109	CHR2:3037109	SSF x LoA	-8,845	-0,056	0,301
CHR2	3037152	CHR2:3037152	SSF x LoA	-10,150	0,069	0,296
CHR2	3040160	CHR2:3040160	SSF x LoA	-8,914	-0,066	0,284
CHR2	3040171	CHR2:3040171	SSF x LoA	-2,150	0,224	0,257
CHR2	3040173	CHR2:3040173	SSF x LoA	-9,665	0,099	0,295
CHR2	3040186	CHR2:3040186	SSF x LoA	-8,728	-0,076	0,285
CHR2	3040188	CHR2:3040188	SSF x LoA	-8,873	0,075	0,295
CHR2	3040190	CHR2:3040190	SSF x LoA	-10,197	-0,028	0,297
CHR2	3040340	CHR2:3040340	SSF x LoA	-11,209	0,019	0,280
CHR2	3040351	CHR2:3040351	SSF x LoA	-7,650	0,021	0,293
CHR2	3042175	CHR2:3042175	SSF x LoA	-7,984	-0,128	0,293
CHR2	3042281	CHR2:3042281	SSF x LoA	-10,656	-0,120	0,285
CHR2	3042469	CHR2:3042469	SSF x LoA	-6,923	0,074	0,296
CHR2	304903	CHR2:304903	SSF x LoA	-9,033	-0,118	0,283
CHR2	3065965	CHR2:3065965	SSF x LoA	-6,865	0,169	0,279
CHR2	3081223	CHR2:3081223	SSF x LoA	-7,310	-0,091	0,283
CHR2	3081273	CHR2:3081273	SSF x LoA	-9,528	-0,067	0,296
CHR2	3081304	CHR2:3081304	SSF x LoA	-10,826	-0,036	0,283
CHR2	3081403	CHR2:3081403	SSF x LoA	-5,699	-0,113	0,282
CHR2	3081422	CHR2:3081422	SSF x LoA	-9,456	0,088	0,287
CHR2	3081424	CHR2:3081424	SSF x LoA	-10,631	-0,020	0,285
CHR2	3081441	CHR2:3081441	SSF x LoA	-11,471	0,011	0,291
CHR2	308839	CHR2:308839	SSF x LoA	-9,994	0,023	0,293
CHR2	308949	CHR2:308949	SSF x LoA	-9,861	0,018	0,289
CHR2	3091439	CHR2:3091439	SSF x LoA	-7,997	0,054	0,303
CHR2	3091614	CHR2:3091614	SSF x LoA	-10,650	-0,030	0,282

CHR2	3091645	CHR2:3091645	SSF x LoA	-9,888	0,037	0,296
CHR2	3091667	CHR2:3091667	SSF x LoA	-9,078	-0,051	0,287
CHR2	3094659	CHR2:3094659	SSF x LoA	-9,534	0,054	0,285
CHR2	3094777	CHR2:3094777	SSF x LoA	-5,512	0,151	0,284
CHR2	3094912	CHR2:3094912	SSF x LoA	-11,028	0,061	0,290
CHR2	3097789	CHR2:3097789	SSF x LoA	-8,064	-0,050	0,290
CHR2	3110918	CHR2:3110918	SSF x LoA	-10,460	0,037	0,290
CHR2	3110923	CHR2:3110923	SSF x LoA	-8,527	-0,003	0,285
CHR2	3110924	CHR2:3110924	SSF x LoA	-4,963	-0,164	0,271
CHR2	3111022	CHR2:3111022	SSF x LoA	-9,722	0,044	0,300
CHR2	3111045	CHR2:3111045	SSF x LoA	-7,456	-0,006	0,295
CHR2	3112769	CHR2:3112769	SSF x LoA	-11,139	-0,065	0,286
CHR2	3117307	CHR2:3117307	SSF x LoA	-9,655	-0,011	0,288
CHR2	3122217	CHR2:3122217	SSF x LoA	-8,741	-0,135	0,290
CHR2	3122234	CHR2:3122234	SSF x LoA	-7,216	-0,130	0,287
CHR2	3122293	CHR2:3122293	SSF x LoA	-7,445	-0,058	0,289
CHR2	3122428	CHR2:3122428	SSF x LoA	-8,395	0,079	0,294
CHR2	3132858	CHR2:3132858	SSF x LoA	-8,419	-0,101	0,285
CHR2	3140866	CHR2:3140866	SSF x LoA	-6,038	0,030	0,312
CHR2	3140878	CHR2:3140878	SSF x LoA	-7,850	-0,035	0,299
CHR2	3140898	CHR2:3140898	SSF x LoA	-4,061	0,098	0,287
CHR2	3140902	CHR2:3140902	SSF x LoA	-7,590	0,106	0,297
CHR2	3140915	CHR2:3140915	SSF x LoA	-4,298	0,005	0,311
CHR2	3140942	CHR2:3140942	SSF x LoA	-7,900	0,022	0,300
CHR2	3140959	CHR2:3140959	SSF x LoA	-7,796	-0,001	0,299
CHR2	3140985	CHR2:3140985	SSF x LoA	-6,621	0,022	0,302
CHR2	3140994	CHR2:3140994	SSF x LoA	-8,470	0,010	0,296
CHR2	3141063	CHR2:3141063	SSF x LoA	-2,319	-0,119	0,296
CHR2	3143602	CHR2:3143602	SSF x LoA	-6,626	0,018	0,296
CHR2	343245	CHR2:343245	SSF x LoA	-7,609	-0,085	0,293
CHR2	343297	CHR2:343297	SSF x LoA	-10,067	0,034	0,287
CHR2	3548960	CHR2:3548960	SSF x LoA	-10,011	0,015	0,297
CHR2	3551024	CHR2:3551024	SSF x LoA	-10,942	0,033	0,289
CHR2	3604217	CHR2:3604217	SSF x LoA	-8,930	0,097	0,282
CHR2	365476	CHR2:365476	SSF x LoA	-9,535	-0,045	0,304
CHR2	365521	CHR2:365521	SSF x LoA	-9,563	-0,060	0,303
CHR2	365578	CHR2:365578	SSF x LoA	-7,060	0,070	0,287
CHR2	3664647	CHR2:3664647	SSF x LoA	-8,016	0,019	0,306
CHR2	3673288	CHR2:3673288	SSF x LoA	-11,003	0,051	0,287
CHR2	3673349	CHR2:3673349	SSF x LoA	-5,342	0,029	0,292
CHR2	3679088	CHR2:3679088	SSF x LoA	-5,924	0,011	0,294
CHR2	3679154	CHR2:3679154	SSF x LoA	-10,067	0,112	0,288
CHR2	368379	CHR2:368379	SSF x LoA	-9,436	-0,079	0,277
CHR2	3687655	CHR2:3687655	SSF x LoA	-5,645	-0,057	0,292
CHR2	3687667	CHR2:3687667	SSF x LoA	-8,190	0,015	0,290
CHR2	3723400	CHR2:3723400	SSF x LoA	-9,566	-0,114	0,288
CHR2	3723407	CHR2:3723407	SSF x LoA	-9,010	0,067	0,272
CHR2	3723525	CHR2:3723525	SSF x LoA	-8,525	0,025	0,288
CHR2	3745404	CHR2:3745404	SSF x LoA	-8,856	-0,039	0,281
CHR2	377725	CHR2:377725	SSF x LoA	-6,850	0,046	0,286
CHR2	377744	CHR2:377744	SSF x LoA	-8,641	-0,008	0,292
CHR2	3788223	CHR2:3788223	SSF x LoA	-7,083	0,049	0,305
CHR2	3788313	CHR2:3788313	SSF x LoA	-10,059	-0,097	0,299

CHR2	3788427	CHR2:3788427	SSF x LoA	-7,976	0,041	0,284
CHR2	3788437	CHR2:3788437	SSF x LoA	-6,989	-0,046	0,278
CHR2	3788466	CHR2:3788466	SSF x LoA	-8,005	0,010	0,283
CHR2	3808376	CHR2:3808376	SSF x LoA	-9,566	-0,098	0,295
CHR2	3826946	CHR2:3826946	SSF x LoA	-8,139	-0,031	0,298
CHR2	385039	CHR2:385039	SSF x LoA	-8,889	0,056	0,275
CHR2	385128	CHR2:385128	SSF x LoA	-8,014	0,025	0,291
CHR2	3866159	CHR2:3866159	SSF x LoA	-10,330	-0,032	0,278
CHR2	3874711	CHR2:3874711	SSF x LoA	-7,117	-0,002	0,289
CHR2	3874781	CHR2:3874781	SSF x LoA	-10,142	-0,047	0,283
CHR2	3874794	CHR2:3874794	SSF x LoA	-8,060	0,083	0,284
CHR2	3894300	CHR2:3894300	SSF x LoA	-5,144	-0,106	0,284
CHR2	3894460	CHR2:3894460	SSF x LoA	-9,587	0,176	0,264
CHR2	3896163	CHR2:3896163	SSF x LoA	-8,089	0,127	0,282
CHR2	3896245	CHR2:3896245	SSF x LoA	-10,469	0,010	0,280
CHR2	3957836	CHR2:3957836	SSF x LoA	-7,838	0,026	0,300
CHR2	397029	CHR2:397029	SSF x LoA	-8,021	0,068	0,291
CHR2	397110	CHR2:397110	SSF x LoA	-7,670	0,000	0,296
CHR2	397139	CHR2:397139	SSF x LoA	-8,283	-0,013	0,289
CHR2	401691	CHR2:401691	SSF x LoA	-7,845	-0,047	0,286
CHR2	421292	CHR2:421292	SSF x LoA	-9,859	0,096	0,279
CHR2	421386	CHR2:421386	SSF x LoA	-6,590	-0,005	0,289
CHR2	445611	CHR2:445611	SSF x LoA	-10,706	0,047	0,289
CHR2	445838	CHR2:445838	SSF x LoA	-7,928	-0,035	0,289
CHR2	453865	CHR2:453865	SSF x LoA	-8,721	0,014	0,299
CHR2	453879	CHR2:453879	SSF x LoA	-4,363	0,130	0,294
CHR2	454222	CHR2:454222	SSF x LoA	-8,850	-0,012	0,290
CHR2	465760	CHR2:465760	SSF x LoA	-9,725	0,030	0,282
CHR2	465786	CHR2:465786	SSF x LoA	-7,685	0,069	0,297
CHR2	472128	CHR2:472128	SSF x LoA	-10,504	0,056	0,293
CHR2	472202	CHR2:472202	SSF x LoA	-6,269	0,206	0,275
CHR2	472261	CHR2:472261	SSF x LoA	-6,074	0,170	0,295
CHR2	514443	CHR2:514443	SSF x LoA	-5,922	-0,186	0,278
CHR2	523147	CHR2:523147	SSF x LoA	-10,536	-0,012	0,293
CHR2	523200	CHR2:523200	SSF x LoA	-9,246	-0,005	0,296
CHR2	523213	CHR2:523213	SSF x LoA	-6,344	-0,143	0,291
CHR2	523255	CHR2:523255	SSF x LoA	-9,166	-0,124	0,282
CHR2	523267	CHR2:523267	SSF x LoA	-8,180	-0,129	0,286
CHR2	523321	CHR2:523321	SSF x LoA	-9,656	-0,055	0,280
CHR2	535439	CHR2:535439	SSF x LoA	-7,849	-0,111	0,285
CHR2	547909	CHR2:547909	SSF x LoA	-8,320	0,121	0,298
CHR2	578974	CHR2:578974	SSF x LoA	-9,797	0,129	0,292
CHR2	579190	CHR2:579190	SSF x LoA	-7,744	0,035	0,291
CHR2	581016	CHR2:581016	SSF x LoA	-11,543	0,022	0,274
CHR2	584039	CHR2:584039	SSF x LoA	-6,397	0,162	0,288
CHR2	584041	CHR2:584041	SSF x LoA	-10,161	0,044	0,282
CHR2	604021	CHR2:604021	SSF x LoA	-10,453	0,024	0,282
CHR2	604055	CHR2:604055	SSF x LoA	-7,506	0,076	0,293
CHR2	616666	CHR2:616666	SSF x LoA	-4,890	0,128	0,298
CHR2	616686	CHR2:616686	SSF x LoA	-9,964	-0,027	0,302
CHR2	616718	CHR2:616718	SSF x LoA	-5,443	0,034	0,303
CHR2	618478	CHR2:618478	SSF x LoA	-8,881	-0,042	0,297
CHR2	618685	CHR2:618685	SSF x LoA	-8,882	-0,075	0,276

CHR2	618795	CHR2:618795	SSF x LoA	-9,112	0,066	0,296
CHR2	627112	CHR2:627112	SSF x LoA	-10,565	0,080	0,292
CHR2	650987	CHR2:650987	SSF x LoA	-8,718	-0,079	0,287
CHR2	651011	CHR2:651011	SSF x LoA	-9,965	0,026	0,274
CHR2	651012	CHR2:651012	SSF x LoA	-8,545	-0,003	0,294
CHR2	651036	CHR2:651036	SSF x LoA	-5,964	-0,004	0,291
CHR2	651042	CHR2:651042	SSF x LoA	-8,011	-0,002	0,288
CHR2	651146	CHR2:651146	SSF x LoA	-9,630	0,008	0,290
CHR2	651193	CHR2:651193	SSF x LoA	-9,974	0,026	0,282
CHR2	653382	CHR2:653382	SSF x LoA	-10,250	0,030	0,295
CHR2	654267	CHR2:654267	SSF x LoA	-7,677	0,042	0,295
CHR2	656608	CHR2:656608	SSF x LoA	-8,992	-0,036	0,303
CHR2	656887	CHR2:656887	SSF x LoA	-10,944	-0,035	0,289
CHR2	6730510	CHR2:6730510	SSF x LoA	-7,782	0,041	0,299
CHR2	6732382	CHR2:6732382	SSF x LoA	-6,931	0,121	0,280
CHR2	6787146	CHR2:6787146	SSF x LoA	-6,514	-0,177	0,264
CHR2	6838590	CHR2:6838590	SSF x LoA	-9,885	0,056	0,308
CHR2	6838655	CHR2:6838655	SSF x LoA	-7,624	0,056	0,286
CHR2	6861170	CHR2:6861170	SSF x LoA	-8,009	-0,072	0,283
CHR2	687274	CHR2:687274	SSF x LoA	-8,404	-0,046	0,300
CHR2	6875708	CHR2:6875708	SSF x LoA	-8,090	-0,032	0,287
CHR2	6915596	CHR2:6915596	SSF x LoA	-8,304	-0,018	0,290
CHR2	6915874	CHR2:6915874	SSF x LoA	-11,201	0,052	0,301
CHR2	6920674	CHR2:6920674	SSF x LoA	-10,099	0,041	0,282
CHR2	6927363	CHR2:6927363	SSF x LoA	-8,450	0,024	0,285
CHR2	6935283	CHR2:6935283	SSF x LoA	-7,688	-0,055	0,280
CHR2	6937488	CHR2:6937488	SSF x LoA	-11,839	0,000	0,283
CHR2	6937548	CHR2:6937548	SSF x LoA	-7,801	0,052	0,283
CHR2	6937650	CHR2:6937650	SSF x LoA	-8,887	-0,045	0,295
CHR2	6951512	CHR2:6951512	SSF x LoA	-9,552	0,044	0,299
CHR2	6951709	CHR2:6951709	SSF x LoA	-10,055	0,102	0,288
CHR2	6960850	CHR2:6960850	SSF x LoA	-8,173	-0,133	0,284
CHR2	6972673	CHR2:6972673	SSF x LoA	-8,115	0,048	0,305
CHR2	6972688	CHR2:6972688	SSF x LoA	-8,868	-0,046	0,292
CHR2	6974641	CHR2:6974641	SSF x LoA	-7,056	-0,148	0,268
CHR2	6974865	CHR2:6974865	SSF x LoA	-6,244	-0,060	0,292
CHR2	699358	CHR2:699358	SSF x LoA	-8,192	-0,003	0,290
CHR2	699366	CHR2:699366	SSF x LoA	-9,873	-0,058	0,284
CHR2	6996443	CHR2:6996443	SSF x LoA	-7,019	-0,102	0,296
CHR2	6996449	CHR2:6996449	SSF x LoA	-10,488	0,026	0,287
CHR2	6996483	CHR2:6996483	SSF x LoA	-5,431	-0,086	0,300
CHR2	6996489	CHR2:6996489	SSF x LoA	-2,799	-0,097	0,302
CHR2	6996531	CHR2:6996531	SSF x LoA	-9,374	0,029	0,292
CHR2	7014460	CHR2:7014460	SSF x LoA	-10,191	0,028	0,295
CHR2	703321	CHR2:703321	SSF x LoA	-10,991	-0,009	0,296
CHR2	703633	CHR2:703633	SSF x LoA	-7,657	-0,066	0,280
CHR2	703655	CHR2:703655	SSF x LoA	-9,081	0,048	0,286
CHR2	703661	CHR2:703661	SSF x LoA	-9,259	-0,028	0,286
CHR2	703683	CHR2:703683	SSF x LoA	-8,078	-0,093	0,284
CHR2	703699	CHR2:703699	SSF x LoA	-8,713	-0,035	0,266
CHR2	7048314	CHR2:7048314	SSF x LoA	-9,155	0,025	0,277
CHR2	7048322	CHR2:7048322	SSF x LoA	-8,630	-0,029	0,269
CHR2	7048403	CHR2:7048403	SSF x LoA	-9,277	0,055	0,296

CHR2	7062456	CHR2:7062456	SSF x LoA	-9,237	-0,004	0,292
CHR2	7070605	CHR2:7070605	SSF x LoA	-10,994	0,012	0,291
CHR2	7070658	CHR2:7070658	SSF x LoA	-8,007	-0,138	0,284
CHR2	7070698	CHR2:7070698	SSF x LoA	-9,837	0,014	0,288
CHR2	7070806	CHR2:7070806	SSF x LoA	-8,115	-0,015	0,296
CHR2	7072670	CHR2:7072670	SSF x LoA	-9,266	-0,054	0,307
CHR2	7077139	CHR2:7077139	SSF x LoA	-9,271	-0,006	0,302
CHR2	7077392	CHR2:7077392	SSF x LoA	-8,589	-0,005	0,291
CHR2	7080080	CHR2:7080080	SSF x LoA	-9,666	0,073	0,282
CHR2	7080095	CHR2:7080095	SSF x LoA	-6,134	0,147	0,286
CHR2	708045	CHR2:708045	SSF x LoA	-8,940	-0,104	0,274
CHR2	708113	CHR2:708113	SSF x LoA	-10,175	-0,029	0,281
CHR2	7097494	CHR2:7097494	SSF x LoA	-8,123	-0,070	0,281
CHR2	7097495	CHR2:7097495	SSF x LoA	-9,358	-0,023	0,284
CHR2	7107333	CHR2:7107333	SSF x LoA	-10,878	-0,004	0,301
CHR2	711546	CHR2:711546	SSF x LoA	-11,029	0,038	0,274
CHR2	714683	CHR2:714683	SSF x LoA	-8,727	0,011	0,287
CHR2	7150166	CHR2:7150166	SSF x LoA	-9,513	0,026	0,274
CHR2	7150354	CHR2:7150354	SSF x LoA	-10,008	-0,155	0,278
CHR2	7150366	CHR2:7150366	SSF x LoA	-8,662	-0,191	0,284
CHR2	7153563	CHR2:7153563	SSF x LoA	-8,321	-0,012	0,291
CHR2	7153580	CHR2:7153580	SSF x LoA	-7,762	0,089	0,291
CHR2	7155641	CHR2:7155641	SSF x LoA	-8,209	0,026	0,282
CHR2	7159685	CHR2:7159685	SSF x LoA	-10,024	-0,032	0,273
CHR2	7163473	CHR2:7163473	SSF x LoA	-7,771	0,046	0,291
CHR2	7166505	CHR2:7166505	SSF x LoA	-9,140	-0,090	0,287
CHR2	7166506	CHR2:7166506	SSF x LoA	-8,994	-0,060	0,291
CHR2	7166625	CHR2:7166625	SSF x LoA	-10,418	-0,079	0,287
CHR2	7166628	CHR2:7166628	SSF x LoA	-9,739	-0,078	0,303
CHR2	7176547	CHR2:7176547	SSF x LoA	-9,720	-0,029	0,292
CHR2	7176563	CHR2:7176563	SSF x LoA	-10,645	0,002	0,283
CHR2	7179627	CHR2:7179627	SSF x LoA	-9,591	0,059	0,292
CHR2	7179693	CHR2:7179693	SSF x LoA	-11,243	-0,042	0,286
CHR2	7179778	CHR2:7179778	SSF x LoA	-7,791	0,047	0,276
CHR2	7179917	CHR2:7179917	SSF x LoA	-9,448	0,025	0,282
CHR2	7193622	CHR2:7193622	SSF x LoA	-6,383	-0,008	0,308
CHR2	7220209	CHR2:7220209	SSF x LoA	-10,694	0,038	0,287
CHR2	7220354	CHR2:7220354	SSF x LoA	-9,288	-0,094	0,281
CHR2	7220355	CHR2:7220355	SSF x LoA	-8,711	-0,044	0,273
CHR2	7220356	CHR2:7220356	SSF x LoA	-9,759	0,055	0,283
CHR2	7220528	CHR2:7220528	SSF x LoA	-9,379	0,025	0,290
CHR2	7220529	CHR2:7220529	SSF x LoA	-8,710	-0,105	0,289
CHR2	7254985	CHR2:7254985	SSF x LoA	-8,927	0,143	0,280
CHR2	7265598	CHR2:7265598	SSF x LoA	-10,744	0,026	0,295
CHR2	7265619	CHR2:7265619	SSF x LoA	-10,581	0,029	0,296
CHR2	7266785	CHR2:7266785	SSF x LoA	-9,782	0,027	0,276
CHR2	7266795	CHR2:7266795	SSF x LoA	-8,482	0,120	0,276
CHR2	7266816	CHR2:7266816	SSF x LoA	-9,839	-0,121	0,297
CHR2	7266859	CHR2:7266859	SSF x LoA	-6,232	0,101	0,277
CHR2	7266896	CHR2:7266896	SSF x LoA	-7,500	0,110	0,283
CHR2	7266900	CHR2:7266900	SSF x LoA	-7,183	0,058	0,289
CHR2	7266947	CHR2:7266947	SSF x LoA	-9,407	0,074	0,274
CHR2	7269268	CHR2:7269268	SSF x LoA	-9,016	0,001	0,295

CHR2	7269303	CHR2:7269303	SSF x LoA	-10,406	0,002	0,304
CHR2	7273345	CHR2:7273345	SSF x LoA	-8,183	-0,178	0,282
CHR2	7277748	CHR2:7277748	SSF x LoA	-7,880	-0,060	0,287
CHR2	7277856	CHR2:7277856	SSF x LoA	-8,929	-0,024	0,292
CHR2	7277957	CHR2:7277957	SSF x LoA	-9,150	-0,005	0,304
CHR2	7277961	CHR2:7277961	SSF x LoA	-9,514	-0,031	0,291
CHR2	7277990	CHR2:7277990	SSF x LoA	-7,584	-0,145	0,283
CHR2	7282759	CHR2:7282759	SSF x LoA	-8,669	-0,024	0,295
CHR2	7282775	CHR2:7282775	SSF x LoA	-7,608	0,002	0,293
CHR2	7283327	CHR2:7283327	SSF x LoA	-7,285	0,057	0,278
CHR2	7283412	CHR2:7283412	SSF x LoA	-10,676	-0,001	0,303
CHR2	7283423	CHR2:7283423	SSF x LoA	-10,852	-0,039	0,290
CHR2	7289128	CHR2:7289128	SSF x LoA	-7,602	0,011	0,288
CHR2	7289131	CHR2:7289131	SSF x LoA	-2,121	-0,147	0,280
CHR2	7297248	CHR2:7297248	SSF x LoA	-8,285	0,020	0,294
CHR2	7297263	CHR2:7297263	SSF x LoA	-4,177	0,076	0,289
CHR2	7297371	CHR2:7297371	SSF x LoA	-8,343	0,020	0,300
CHR2	7337181	CHR2:7337181	SSF x LoA	2,072	0,054	0,292
CHR2	7337183	CHR2:7337183	SSF x LoA	-8,220	-0,144	0,293
CHR2	7355693	CHR2:7355693	SSF x LoA	-9,350	-0,007	0,294
CHR2	7355925	CHR2:7355925	SSF x LoA	-9,825	0,087	0,291
CHR2	7363432	CHR2:7363432	SSF x LoA	-8,036	-0,102	0,293
CHR2	7363449	CHR2:7363449	SSF x LoA	-10,422	0,018	0,302
CHR2	7363497	CHR2:7363497	SSF x LoA	-8,790	0,038	0,288
CHR2	7363623	CHR2:7363623	SSF x LoA	-9,271	0,050	0,298
CHR2	7363724	CHR2:7363724	SSF x LoA	-8,970	-0,107	0,289
CHR2	7363776	CHR2:7363776	SSF x LoA	-10,175	0,098	0,264
CHR2	7363781	CHR2:7363781	SSF x LoA	-8,549	-0,022	0,282
CHR2	7363817	CHR2:7363817	SSF x LoA	-7,918	0,041	0,286
CHR2	7363819	CHR2:7363819	SSF x LoA	-7,250	0,066	0,287
CHR2	7378542	CHR2:7378542	SSF x LoA	-8,723	-0,039	0,294
CHR2	7378547	CHR2:7378547	SSF x LoA	-8,784	-0,031	0,294
CHR2	7378613	CHR2:7378613	SSF x LoA	-7,019	-0,049	0,311
CHR2	7396989	CHR2:7396989	SSF x LoA	-8,786	-0,003	0,283
CHR2	7397022	CHR2:7397022	SSF x LoA	-8,717	0,042	0,292
CHR2	7397027	CHR2:7397027	SSF x LoA	-9,280	-0,009	0,293
CHR2	7397030	CHR2:7397030	SSF x LoA	-7,566	0,077	0,293
CHR2	7397055	CHR2:7397055	SSF x LoA	-7,517	0,070	0,286
CHR2	740465	CHR2:740465	SSF x LoA	-10,489	-0,087	0,289
CHR2	740787	CHR2:740787	SSF x LoA	-8,147	0,037	0,295
CHR2	7411587	CHR2:7411587	SSF x LoA	-9,178	0,063	0,295
CHR2	7415684	CHR2:7415684	SSF x LoA	-10,825	0,004	0,301
CHR2	7415696	CHR2:7415696	SSF x LoA	-8,611	-0,008	0,280
CHR2	7432452	CHR2:7432452	SSF x LoA	-1,860	0,118	0,293
CHR2	744638	CHR2:744638	SSF x LoA	-8,223	0,105	0,294
CHR2	746074	CHR2:746074	SSF x LoA	-10,013	-0,025	0,302
CHR2	746122	CHR2:746122	SSF x LoA	-7,783	-0,047	0,297
CHR2	746132	CHR2:746132	SSF x LoA	-7,150	-0,074	0,295
CHR2	7484919	CHR2:7484919	SSF x LoA	-10,476	0,064	0,283
CHR2	7484976	CHR2:7484976	SSF x LoA	-7,947	-0,159	0,292
CHR2	757911	CHR2:757911	SSF x LoA	-10,206	-0,057	0,286
CHR2	758049	CHR2:758049	SSF x LoA	-6,621	-0,104	0,286
CHR2	758092	CHR2:758092	SSF x LoA	-5,893	0,156	0,279

CHR2	758098	CHR2:758098	SSF x LoA	-5,748	0,090	0,294
CHR2	758120	CHR2:758120	SSF x LoA	-1,807	-0,157	0,288
CHR2	758145	CHR2:758145	SSF x LoA	-8,684	0,064	0,273
CHR2	758151	CHR2:758151	SSF x LoA	-6,860	-0,131	0,286
CHR2	7593718	CHR2:7593718	SSF x LoA	-7,010	0,140	0,283
CHR2	7593749	CHR2:7593749	SSF x LoA	-7,956	0,125	0,291
CHR2	7593765	CHR2:7593765	SSF x LoA	-7,862	0,111	0,285
CHR2	7593851	CHR2:7593851	SSF x LoA	-8,458	-0,130	0,278
CHR2	7597166	CHR2:7597166	SSF x LoA	-8,702	0,017	0,284
CHR2	7610797	CHR2:7610797	SSF x LoA	-8,002	-0,073	0,293
CHR2	7629389	CHR2:7629389	SSF x LoA	-7,762	-0,080	0,295
CHR2	7629418	CHR2:7629418	SSF x LoA	-6,867	-0,046	0,286
CHR2	7629478	CHR2:7629478	SSF x LoA	-7,750	0,160	0,278
CHR2	7629596	CHR2:7629596	SSF x LoA	-6,777	-0,145	0,285
CHR2	7649041	CHR2:7649041	SSF x LoA	-5,748	-0,105	0,289
CHR2	7649072	CHR2:7649072	SSF x LoA	-9,700	-0,024	0,296
CHR2	7649136	CHR2:7649136	SSF x LoA	-10,011	-0,048	0,287
CHR2	7649990	CHR2:7649990	SSF x LoA	-7,501	0,069	0,304
CHR2	7673945	CHR2:7673945	SSF x LoA	-6,478	-0,112	0,302
CHR2	7683398	CHR2:7683398	SSF x LoA	-9,323	-0,040	0,294
CHR2	7695476	CHR2:7695476	SSF x LoA	-10,841	-0,051	0,289
CHR2	7697903	CHR2:7697903	SSF x LoA	-10,738	0,030	0,283
CHR2	7697970	CHR2:7697970	SSF x LoA	-7,004	-0,112	0,292
CHR2	772359	CHR2:772359	SSF x LoA	-9,670	-0,004	0,293
CHR2	772384	CHR2:772384	SSF x LoA	-10,640	-0,122	0,274
CHR2	7729847	CHR2:7729847	SSF x LoA	-7,853	0,124	0,290
CHR2	7729990	CHR2:7729990	SSF x LoA	-9,298	0,014	0,287
CHR2	7730092	CHR2:7730092	SSF x LoA	-8,747	0,113	0,287
CHR2	7730134	CHR2:7730134	SSF x LoA	-8,418	-0,033	0,291
CHR2	7730173	CHR2:7730173	SSF x LoA	-6,645	0,129	0,287
CHR2	7735828	CHR2:7735828	SSF x LoA	-4,231	-0,004	0,283
CHR2	7735858	CHR2:7735858	SSF x LoA	-7,368	-0,059	0,282
CHR2	7735869	CHR2:7735869	SSF x LoA	-8,044	-0,050	0,282
CHR2	7735871	CHR2:7735871	SSF x LoA	-8,299	-0,039	0,278
CHR2	7735894	CHR2:7735894	SSF x LoA	-10,264	-0,003	0,275
CHR2	7735996	CHR2:7735996	SSF x LoA	-8,961	0,145	0,274
CHR2	7740643	CHR2:7740643	SSF x LoA	-7,221	-0,119	0,288
CHR2	7740702	CHR2:7740702	SSF x LoA	-6,278	0,068	0,273
CHR2	7740731	CHR2:7740731	SSF x LoA	-9,662	-0,014	0,296
CHR2	7740839	CHR2:7740839	SSF x LoA	-10,969	0,037	0,278
CHR2	7740853	CHR2:7740853	SSF x LoA	-9,897	0,038	0,281
CHR2	7743786	CHR2:7743786	SSF x LoA	-8,952	0,003	0,292
CHR2	7743802	CHR2:7743802	SSF x LoA	-8,490	0,122	0,288
CHR2	7743843	CHR2:7743843	SSF x LoA	-10,868	0,022	0,272
CHR2	7758270	CHR2:7758270	SSF x LoA	-9,447	0,115	0,287
CHR2	7775748	CHR2:7775748	SSF x LoA	-8,761	0,035	0,287
CHR2	7775753	CHR2:7775753	SSF x LoA	-8,520	0,025	0,297
CHR2	7775773	CHR2:7775773	SSF x LoA	-5,906	0,029	0,297
CHR2	7775801	CHR2:7775801	SSF x LoA	-6,342	-0,130	0,282
CHR2	7775830	CHR2:7775830	SSF x LoA	3,272	-0,195	0,262
CHR2	7775891	CHR2:7775891	SSF x LoA	-8,458	0,052	0,281
CHR2	7775935	CHR2:7775935	SSF x LoA	-8,331	0,063	0,282
CHR2	7775987	CHR2:7775987	SSF x LoA	-9,600	-0,069	0,271

CHR2	7775990	CHR2:7775990	SSF x LoA	-8,375	-0,083	0,276
CHR2	7803033	CHR2:7803033	SSF x LoA	-7,949	-0,090	0,281
CHR2	7803034	CHR2:7803034	SSF x LoA	-9,969	0,058	0,281
CHR2	7803211	CHR2:7803211	SSF x LoA	-11,618	0,024	0,276
CHR2	7812758	CHR2:7812758	SSF x LoA	-0,489	-0,053	0,304
CHR2	7812796	CHR2:7812796	SSF x LoA	-8,216	-0,097	0,302
CHR2	7812861	CHR2:7812861	SSF x LoA	-8,123	-0,092	0,287
CHR2	7812890	CHR2:7812890	SSF x LoA	-8,498	0,119	0,287
CHR2	7812935	CHR2:7812935	SSF x LoA	-9,205	-0,059	0,293
CHR2	7820027	CHR2:7820027	SSF x LoA	-10,589	0,012	0,292
CHR2	7840841	CHR2:7840841	SSF x LoA	-9,730	0,115	0,287
CHR2	7840944	CHR2:7840944	SSF x LoA	-10,773	-0,029	0,298
CHR2	7862988	CHR2:7862988	SSF x LoA	-9,609	-0,105	0,278
CHR2	7863041	CHR2:7863041	SSF x LoA	-10,592	-0,041	0,274
CHR2	7863061	CHR2:7863061	SSF x LoA	-7,315	-0,114	0,293
CHR2	7863064	CHR2:7863064	SSF x LoA	-8,802	-0,104	0,300
CHR2	7863084	CHR2:7863084	SSF x LoA	-6,844	-0,158	0,275
CHR2	7863106	CHR2:7863106	SSF x LoA	-9,081	-0,097	0,291
CHR2	7863126	CHR2:7863126	SSF x LoA	-6,195	0,090	0,277
CHR2	786679	CHR2:786679	SSF x LoA	-9,802	0,045	0,289
CHR2	786709	CHR2:786709	SSF x LoA	-9,433	-0,035	0,289
CHR2	786816	CHR2:786816	SSF x LoA	-3,260	-0,061	0,283
CHR2	786967	CHR2:786967	SSF x LoA	-10,232	0,002	0,283
CHR2	7895941	CHR2:7895941	SSF x LoA	-7,485	-0,127	0,273
CHR2	7903984	CHR2:7903984	SSF x LoA	-9,503	0,052	0,291
CHR2	790779	CHR2:790779	SSF x LoA	-9,156	-0,119	0,286
CHR2	791408	CHR2:791408	SSF x LoA	-3,774	-0,081	0,283
CHR2	7914416	CHR2:7914416	SSF x LoA	-9,712	0,061	0,287
CHR2	7914561	CHR2:7914561	SSF x LoA	-10,510	-0,024	0,285
CHR2	7914574	CHR2:7914574	SSF x LoA	-7,756	0,048	0,277
CHR2	7922680	CHR2:7922680	SSF x LoA	-8,602	0,113	0,305
CHR2	7922904	CHR2:7922904	SSF x LoA	-7,151	-0,094	0,288
CHR2	7922909	CHR2:7922909	SSF x LoA	-8,628	-0,069	0,305
CHR2	7922921	CHR2:7922921	SSF x LoA	-8,109	-0,065	0,290
CHR2	7922956	CHR2:7922956	SSF x LoA	-7,648	0,055	0,304
CHR2	7923002	CHR2:7923002	SSF x LoA	-11,036	0,006	0,288
CHR2	7923018	CHR2:7923018	SSF x LoA	-8,610	0,059	0,278
CHR2	7923044	CHR2:7923044	SSF x LoA	-11,126	0,000	0,285
CHR2	7923135	CHR2:7923135	SSF x LoA	-8,716	0,110	0,285
CHR2	793761	CHR2:793761	SSF x LoA	-9,259	-0,099	0,283
CHR2	793765	CHR2:793765	SSF x LoA	-6,596	-0,153	0,283
CHR2	793872	CHR2:793872	SSF x LoA	-6,792	-0,063	0,297
CHR2	793938	CHR2:793938	SSF x LoA	-8,946	-0,060	0,287
CHR2	793974	CHR2:793974	SSF x LoA	-9,788	-0,034	0,302
CHR2	7948515	CHR2:7948515	SSF x LoA	-10,710	0,085	0,278
CHR2	7948569	CHR2:7948569	SSF x LoA	-8,371	-0,023	0,288
CHR2	7952996	CHR2:7952996	SSF x LoA	-11,166	0,035	0,281
CHR2	7953008	CHR2:7953008	SSF x LoA	-9,535	0,078	0,273
CHR2	7953113	CHR2:7953113	SSF x LoA	-9,939	-0,053	0,282
CHR2	795530	CHR2:795530	SSF x LoA	-8,303	0,093	0,281
CHR2	795567	CHR2:795567	SSF x LoA	-6,677	-0,071	0,300
CHR2	795603	CHR2:795603	SSF x LoA	-7,923	0,132	0,296
CHR2	7956569	CHR2:7956569	SSF x LoA	-10,291	0,128	0,290

CHR2	7956617	CHR2:7956617	SSF x LoA	-8,875	0,025	0,288
CHR2	7956819	CHR2:7956819	SSF x LoA	-10,588	-0,020	0,289
CHR2	7956990	CHR2:7956990	SSF x LoA	-8,515	0,154	0,276
CHR2	7957002	CHR2:7957002	SSF x LoA	-8,835	0,043	0,279
CHR2	7960635	CHR2:7960635	SSF x LoA	-2,440	0,159	0,290
CHR2	7960725	CHR2:7960725	SSF x LoA	-10,504	0,006	0,289
CHR2	7960756	CHR2:7960756	SSF x LoA	-7,986	0,022	0,297
CHR2	7969879	CHR2:7969879	SSF x LoA	-7,992	0,090	0,291
CHR2	7969899	CHR2:7969899	SSF x LoA	-5,936	0,096	0,297
CHR2	7969996	CHR2:7969996	SSF x LoA	-9,339	-0,137	0,288
CHR2	7970112	CHR2:7970112	SSF x LoA	-8,086	0,035	0,296
CHR2	7970152	CHR2:7970152	SSF x LoA	-10,849	-0,065	0,291
CHR2	7981727	CHR2:7981727	SSF x LoA	-8,145	0,091	0,282
CHR2	7986096	CHR2:7986096	SSF x LoA	-8,702	0,000	0,279
CHR2	804760	CHR2:804760	SSF x LoA	-9,488	-0,047	0,285
CHR2	804830	CHR2:804830	SSF x LoA	-6,705	-0,005	0,276
CHR2	804848	CHR2:804848	SSF x LoA	-8,737	-0,073	0,294
CHR2	804852	CHR2:804852	SSF x LoA	-7,144	0,000	0,298
CHR2	8080190	CHR2:8080190	SSF x LoA	-6,243	-0,207	0,281
CHR2	8082035	CHR2:8082035	SSF x LoA	-8,178	0,048	0,294
CHR2	8084091	CHR2:8084091	SSF x LoA	-7,305	0,023	0,286
CHR2	808496	CHR2:808496	SSF x LoA	-8,005	0,002	0,294
CHR2	8085302	CHR2:8085302	SSF x LoA	-8,376	0,090	0,287
CHR2	808682	CHR2:808682	SSF x LoA	-9,513	0,030	0,287
CHR2	8087701	CHR2:8087701	SSF x LoA	-10,187	0,039	0,296
CHR2	8087705	CHR2:8087705	SSF x LoA	-9,803	-0,081	0,282
CHR2	808917	CHR2:808917	SSF x LoA	-9,024	0,016	0,285
CHR2	808947	CHR2:808947	SSF x LoA	-3,476	0,096	0,282
CHR2	8091523	CHR2:8091523	SSF x LoA	-7,490	-0,096	0,285
CHR2	8100263	CHR2:8100263	SSF x LoA	-8,063	-0,076	0,304
CHR2	8100526	CHR2:8100526	SSF x LoA	-7,059	0,084	0,293
CHR2	8110706	CHR2:8110706	SSF x LoA	-9,740	-0,069	0,284
CHR2	8110771	CHR2:8110771	SSF x LoA	-6,994	0,133	0,286
CHR2	8110884	CHR2:8110884	SSF x LoA	-3,451	0,077	0,286
CHR2	8110975	CHR2:8110975	SSF x LoA	-7,981	0,129	0,283
CHR2	8119602	CHR2:8119602	SSF x LoA	-8,688	-0,054	0,285
CHR2	8120227	CHR2:8120227	SSF x LoA	-10,482	0,017	0,293
CHR2	8120240	CHR2:8120240	SSF x LoA	-10,455	0,023	0,289
CHR2	8143061	CHR2:8143061	SSF x LoA	-5,637	0,107	0,288
CHR2	816110	CHR2:816110	SSF x LoA	-9,739	-0,100	0,271
CHR2	816201	CHR2:816201	SSF x LoA	-8,778	-0,059	0,299
CHR2	816204	CHR2:816204	SSF x LoA	-10,297	-0,060	0,289
CHR2	8162351	CHR2:8162351	SSF x LoA	-6,306	0,119	0,273
CHR2	8162656	CHR2:8162656	SSF x LoA	-7,629	-0,183	0,279
CHR2	816306	CHR2:816306	SSF x LoA	-7,509	0,003	0,300
CHR2	8187191	CHR2:8187191	SSF x LoA	-8,652	0,147	0,283
CHR2	8187199	CHR2:8187199	SSF x LoA	-5,087	0,128	0,286
CHR2	8187203	CHR2:8187203	SSF x LoA	-8,719	0,147	0,289
CHR2	8187263	CHR2:8187263	SSF x LoA	-10,167	-0,121	0,281
CHR2	8193343	CHR2:8193343	SSF x LoA	4,214	-0,043	0,288
CHR2	8193375	CHR2:8193375	SSF x LoA	-7,086	0,027	0,294
CHR2	8193417	CHR2:8193417	SSF x LoA	-8,152	0,056	0,257
CHR2	8193451	CHR2:8193451	SSF x LoA	-8,465	-0,076	0,302

CHR2	8211526	CHR2:8211526	SSF x LoA	-8,607	0,121	0,265
CHR2	8211549	CHR2:8211549	SSF x LoA	-5,971	0,147	0,292
CHR2	8211564	CHR2:8211564	SSF x LoA	-7,846	-0,004	0,300
CHR2	8211591	CHR2:8211591	SSF x LoA	-7,606	-0,066	0,305
CHR2	8211691	CHR2:8211691	SSF x LoA	-9,102	-0,082	0,290
CHR2	8211713	CHR2:8211713	SSF x LoA	-9,315	-0,068	0,292
CHR2	8214181	CHR2:8214181	SSF x LoA	-10,560	0,091	0,296
CHR2	8238506	CHR2:8238506	SSF x LoA	-1,077	0,076	0,278
CHR2	8238511	CHR2:8238511	SSF x LoA	-7,360	-0,144	0,283
CHR2	8238578	CHR2:8238578	SSF x LoA	-10,058	0,068	0,287
CHR2	8238606	CHR2:8238606	SSF x LoA	-9,351	0,074	0,279
CHR2	8238614	CHR2:8238614	SSF x LoA	-10,602	-0,038	0,288
CHR2	8238730	CHR2:8238730	SSF x LoA	-9,493	-0,010	0,274
CHR2	8245842	CHR2:8245842	SSF x LoA	-11,297	-0,046	0,280
CHR2	8245880	CHR2:8245880	SSF x LoA	-8,725	-0,046	0,290
CHR2	8245916	CHR2:8245916	SSF x LoA	-10,561	-0,013	0,297
CHR2	825438	CHR2:825438	SSF x LoA	-8,856	0,140	0,287
CHR2	825493	CHR2:825493	SSF x LoA	-7,863	0,161	0,283
CHR2	825498	CHR2:825498	SSF x LoA	-9,509	0,086	0,306
CHR2	8289240	CHR2:8289240	SSF x LoA	-9,940	0,047	0,292
CHR2	8291209	CHR2:8291209	SSF x LoA	-6,440	0,132	0,284
CHR2	8296230	CHR2:8296230	SSF x LoA	-9,661	0,050	0,299
CHR2	8296594	CHR2:8296594	SSF x LoA	-10,437	0,079	0,288
CHR2	8346519	CHR2:8346519	SSF x LoA	-9,861	0,027	0,300
CHR2	8346552	CHR2:8346552	SSF x LoA	-8,541	0,052	0,298
CHR2	8351809	CHR2:8351809	SSF x LoA	-4,802	0,079	0,288
CHR2	8351837	CHR2:8351837	SSF x LoA	-6,858	0,031	0,286
CHR2	8353133	CHR2:8353133	SSF x LoA	-11,239	0,007	0,290
CHR2	8359248	CHR2:8359248	SSF x LoA	-7,544	-0,062	0,291
CHR2	8359406	CHR2:8359406	SSF x LoA	-10,037	-0,099	0,277
CHR2	8359430	CHR2:8359430	SSF x LoA	-6,419	-0,044	0,293
CHR2	8359443	CHR2:8359443	SSF x LoA	-9,597	-0,052	0,288
CHR2	8359495	CHR2:8359495	SSF x LoA	-10,285	-0,036	0,285
CHR2	8359500	CHR2:8359500	SSF x LoA	-8,789	0,112	0,285
CHR2	8359507	CHR2:8359507	SSF x LoA	-10,798	0,026	0,275
CHR2	8359532	CHR2:8359532	SSF x LoA	-6,456	-0,108	0,288
CHR2	836299	CHR2:836299	SSF x LoA	-9,916	-0,036	0,281
CHR2	837330	CHR2:837330	SSF x LoA	-6,145	-0,011	0,295
CHR2	837352	CHR2:837352	SSF x LoA	-8,940	0,062	0,272
CHR2	837449	CHR2:837449	SSF x LoA	-9,533	-0,009	0,276
CHR2	8377180	CHR2:8377180	SSF x LoA	-9,016	0,043	0,287
CHR2	8378367	CHR2:8378367	SSF x LoA	-4,033	0,176	0,302
CHR2	8378556	CHR2:8378556	SSF x LoA	0,326	0,138	0,277
CHR2	8385260	CHR2:8385260	SSF x LoA	-8,052	-0,011	0,310
CHR2	8385302	CHR2:8385302	SSF x LoA	-7,458	-0,096	0,277
CHR2	8385493	CHR2:8385493	SSF x LoA	-6,463	0,201	0,277
CHR2	8404758	CHR2:8404758	SSF x LoA	-9,506	-0,014	0,289
CHR2	8412531	CHR2:8412531	SSF x LoA	-9,569	0,118	0,274
CHR2	8412576	CHR2:8412576	SSF x LoA	-4,978	-0,079	0,304
CHR2	8412976	CHR2:8412976	SSF x LoA	-10,643	-0,063	0,281
CHR2	8416412	CHR2:8416412	SSF x LoA	-11,117	0,101	0,274
CHR2	8416418	CHR2:8416418	SSF x LoA	-7,145	-0,154	0,283
CHR2	8416438	CHR2:8416438	SSF x LoA	-11,572	0,000	0,292

CHR2	8416452	CHR2:8416452	SSF x LoA	-11,560	-0,051	0,295
CHR2	8416609	CHR2:8416609	SSF x LoA	-7,827	0,080	0,289
CHR2	8416614	CHR2:8416614	SSF x LoA	-5,163	-0,005	0,290
CHR2	841820	CHR2:841820	SSF x LoA	-4,641	0,196	0,294
CHR2	8433194	CHR2:8433194	SSF x LoA	-8,861	0,015	0,297
CHR2	8433284	CHR2:8433284	SSF x LoA	-8,335	-0,141	0,278
CHR2	8439296	CHR2:8439296	SSF x LoA	-10,225	-0,034	0,260
CHR2	8451202	CHR2:8451202	SSF x LoA	-10,418	0,087	0,278
CHR2	845186	CHR2:845186	SSF x LoA	-9,005	0,088	0,292
CHR2	845224	CHR2:845224	SSF x LoA	-8,328	0,078	0,263
CHR2	8455743	CHR2:8455743	SSF x LoA	-9,389	-0,084	0,305
CHR2	8455941	CHR2:8455941	SSF x LoA	-9,948	0,017	0,294
CHR2	8456026	CHR2:8456026	SSF x LoA	-7,664	0,000	0,292
CHR2	8460274	CHR2:8460274	SSF x LoA	-10,344	-0,046	0,287
CHR2	8460294	CHR2:8460294	SSF x LoA	-5,731	0,062	0,297
CHR2	8460306	CHR2:8460306	SSF x LoA	-11,769	-0,072	0,281
CHR2	8483934	CHR2:8483934	SSF x LoA	-9,221	0,004	0,289
CHR2	8484269	CHR2:8484269	SSF x LoA	-7,134	-0,079	0,287
CHR2	8500516	CHR2:8500516	SSF x LoA	-9,551	-0,034	0,294
CHR2	8505320	CHR2:8505320	SSF x LoA	-7,757	0,097	0,309
CHR2	8506680	CHR2:8506680	SSF x LoA	-9,263	-0,035	0,314
CHR2	8506716	CHR2:8506716	SSF x LoA	-8,100	-0,093	0,299
CHR2	8507897	CHR2:8507897	SSF x LoA	-9,981	-0,004	0,287
CHR2	8507931	CHR2:8507931	SSF x LoA	-9,897	-0,022	0,304
CHR2	8508143	CHR2:8508143	SSF x LoA	-8,075	0,015	0,302
CHR2	8533921	CHR2:8533921	SSF x LoA	-3,983	0,157	0,294
CHR2	8534164	CHR2:8534164	SSF x LoA	-10,743	0,024	0,280
CHR2	8534165	CHR2:8534165	SSF x LoA	-7,917	0,019	0,296
CHR2	8534171	CHR2:8534171	SSF x LoA	-10,237	0,077	0,286
CHR2	8534299	CHR2:8534299	SSF x LoA	-8,274	0,075	0,289
CHR2	8541056	CHR2:8541056	SSF x LoA	-9,046	0,008	0,276
CHR2	8541096	CHR2:8541096	SSF x LoA	-4,721	-0,097	0,285
CHR2	8541200	CHR2:8541200	SSF x LoA	-7,562	0,130	0,286
CHR2	8584616	CHR2:8584616	SSF x LoA	-7,286	-0,119	0,287
CHR2	8587955	CHR2:8587955	SSF x LoA	-7,604	0,140	0,290
CHR2	8587978	CHR2:8587978	SSF x LoA	-10,792	-0,013	0,286
CHR2	8587992	CHR2:8587992	SSF x LoA	-10,982	-0,028	0,292
CHR2	8588047	CHR2:8588047	SSF x LoA	-9,118	-0,034	0,293
CHR2	8592919	CHR2:8592919	SSF x LoA	-11,274	-0,018	0,282
CHR2	8592920	CHR2:8592920	SSF x LoA	-11,468	-0,025	0,275
CHR2	8615328	CHR2:8615328	SSF x LoA	-9,885	0,027	0,291
CHR2	8615364	CHR2:8615364	SSF x LoA	-10,890	-0,085	0,276
CHR2	8615388	CHR2:8615388	SSF x LoA	-9,911	-0,029	0,282
CHR2	8615580	CHR2:8615580	SSF x LoA	-11,461	-0,025	0,271
CHR2	8637925	CHR2:8637925	SSF x LoA	-5,263	-0,179	0,269
CHR2	8638073	CHR2:8638073	SSF x LoA	-8,458	0,086	0,284
CHR2	8638223	CHR2:8638223	SSF x LoA	-11,107	0,014	0,293
CHR2	8638289	CHR2:8638289	SSF x LoA	-9,636	0,035	0,289
CHR2	8644989	CHR2:8644989	SSF x LoA	-8,618	0,056	0,299
CHR2	8645104	CHR2:8645104	SSF x LoA	-6,297	-0,165	0,279
CHR2	8645183	CHR2:8645183	SSF x LoA	-9,275	0,022	0,274
CHR2	8645219	CHR2:8645219	SSF x LoA	-9,311	-0,003	0,290
CHR2	8650490	CHR2:8650490	SSF x LoA	-9,329	0,020	0,283

CHR2	8650545	CHR2:8650545	SSF x LoA	-8,593	0,044	0,293
CHR2	8651901	CHR2:8651901	SSF x LoA	-8,781	-0,010	0,286
CHR2	865488	CHR2:865488	SSF x LoA	-10,402	-0,066	0,267
CHR2	865608	CHR2:865608	SSF x LoA	-5,807	0,032	0,305
CHR2	865643	CHR2:865643	SSF x LoA	-8,506	-0,004	0,286
CHR2	8657146	CHR2:8657146	SSF x LoA	-7,603	0,129	0,268
CHR2	8657192	CHR2:8657192	SSF x LoA	-9,156	0,129	0,275
CHR2	8657349	CHR2:8657349	SSF x LoA	-8,443	0,121	0,287
CHR2	8661182	CHR2:8661182	SSF x LoA	-10,748	-0,013	0,295
CHR2	8661255	CHR2:8661255	SSF x LoA	-5,827	-0,186	0,282
CHR2	8661345	CHR2:8661345	SSF x LoA	-9,213	0,036	0,289
CHR2	8661354	CHR2:8661354	SSF x LoA	1,583	0,017	0,292
CHR2	8661384	CHR2:8661384	SSF x LoA	-5,660	0,076	0,295
CHR2	8661398	CHR2:8661398	SSF x LoA	-7,575	0,039	0,291
CHR2	8661406	CHR2:8661406	SSF x LoA	-8,480	0,048	0,279
CHR2	8661434	CHR2:8661434	SSF x LoA	-8,646	-0,125	0,281
CHR2	8673951	CHR2:8673951	SSF x LoA	-11,282	-0,020	0,272
CHR2	8673970	CHR2:8673970	SSF x LoA	-9,051	-0,028	0,276
CHR2	8674080	CHR2:8674080	SSF x LoA	-8,496	-0,004	0,300
CHR2	8674291	CHR2:8674291	SSF x LoA	-4,107	-0,073	0,283
CHR2	8677342	CHR2:8677342	SSF x LoA	-8,352	-0,070	0,284
CHR2	8687354	CHR2:8687354	SSF x LoA	-9,781	-0,127	0,288
CHR2	8687395	CHR2:8687395	SSF x LoA	-9,639	-0,081	0,265
CHR2	8687403	CHR2:8687403	SSF x LoA	-8,493	-0,062	0,278
CHR2	8687490	CHR2:8687490	SSF x LoA	-8,489	0,006	0,274
CHR2	8687507	CHR2:8687507	SSF x LoA	-10,642	-0,021	0,286
CHR2	8687583	CHR2:8687583	SSF x LoA	-8,094	0,047	0,284
CHR2	8705466	CHR2:8705466	SSF x LoA	-8,901	-0,060	0,301
CHR2	8707601	CHR2:8707601	SSF x LoA	-11,700	-0,059	0,278
CHR2	8707618	CHR2:8707618	SSF x LoA	-8,689	-0,007	0,288
CHR2	8707633	CHR2:8707633	SSF x LoA	-7,205	0,011	0,289
CHR2	8707636	CHR2:8707636	SSF x LoA	-8,510	-0,022	0,283
CHR2	8707640	CHR2:8707640	SSF x LoA	-7,584	0,006	0,285
CHR2	8707657	CHR2:8707657	SSF x LoA	-7,061	0,005	0,296
CHR2	8707665	CHR2:8707665	SSF x LoA	-8,496	-0,015	0,287
CHR2	8707670	CHR2:8707670	SSF x LoA	-9,744	-0,061	0,292
CHR2	8707671	CHR2:8707671	SSF x LoA	-10,499	-0,045	0,292
CHR2	8707672	CHR2:8707672	SSF x LoA	-9,531	0,006	0,277
CHR2	8707690	CHR2:8707690	SSF x LoA	-8,307	-0,006	0,281
CHR2	8707702	CHR2:8707702	SSF x LoA	-10,360	0,003	0,286
CHR2	8721022	CHR2:8721022	SSF x LoA	-8,155	-0,037	0,298
CHR2	8721148	CHR2:8721148	SSF x LoA	-9,244	-0,063	0,286
CHR2	873683	CHR2:873683	SSF x LoA	-8,515	0,051	0,283
CHR2	873689	CHR2:873689	SSF x LoA	-6,579	-0,057	0,298
CHR2	873704	CHR2:873704	SSF x LoA	-7,363	-0,025	0,295
CHR2	8738978	CHR2:8738978	SSF x LoA	-10,150	0,034	0,293
CHR2	8739126	CHR2:8739126	SSF x LoA	-8,900	-0,114	0,284
CHR2	8739226	CHR2:8739226	SSF x LoA	-6,633	0,081	0,280
CHR2	8739240	CHR2:8739240	SSF x LoA	-10,432	0,042	0,278
CHR2	8739271	CHR2:8739271	SSF x LoA	-7,896	0,001	0,272
CHR2	8739340	CHR2:8739340	SSF x LoA	-8,565	-0,086	0,281
CHR2	874319	CHR2:874319	SSF x LoA	-8,989	-0,110	0,278
CHR2	8751555	CHR2:8751555	SSF x LoA	-10,082	0,100	0,274

CHR2	8751623	CHR2:8751623	SSF x LoA	-6,960	0,157	0,285
CHR2	8751766	CHR2:8751766	SSF x LoA	-10,122	0,014	0,284
CHR2	8780242	CHR2:8780242	SSF x LoA	-10,387	-0,096	0,288
CHR2	8780425	CHR2:8780425	SSF x LoA	-9,201	0,016	0,292
CHR2	8781301	CHR2:8781301	SSF x LoA	-9,659	-0,037	0,279
CHR2	8781343	CHR2:8781343	SSF x LoA	-6,515	-0,080	0,293
CHR2	8781366	CHR2:8781366	SSF x LoA	-7,868	-0,081	0,299
CHR2	8781519	CHR2:8781519	SSF x LoA	-6,580	-0,139	0,282
CHR2	8781535	CHR2:8781535	SSF x LoA	2,741	-0,167	0,287
CHR2	8783796	CHR2:8783796	SSF x LoA	-6,451	-0,069	0,285
CHR2	8784042	CHR2:8784042	SSF x LoA	-8,856	0,005	0,288
CHR2	8784100	CHR2:8784100	SSF x LoA	-8,361	-0,016	0,290
CHR2	8805477	CHR2:8805477	SSF x LoA	-8,793	0,046	0,296
CHR2	8840368	CHR2:8840368	SSF x LoA	-8,985	0,152	0,285
CHR2	8855964	CHR2:8855964	SSF x LoA	-6,288	-0,097	0,289
CHR2	8855967	CHR2:8855967	SSF x LoA	-4,744	-0,179	0,281
CHR2	8868158	CHR2:8868158	SSF x LoA	-10,121	-0,007	0,299
CHR2	8868326	CHR2:8868326	SSF x LoA	-9,410	0,050	0,295
CHR2	8868335	CHR2:8868335	SSF x LoA	-9,721	0,101	0,292
CHR2	8868399	CHR2:8868399	SSF x LoA	-7,909	-0,115	0,292
CHR2	8868442	CHR2:8868442	SSF x LoA	-9,087	-0,013	0,283
CHR2	8868448	CHR2:8868448	SSF x LoA	-9,119	-0,106	0,288
CHR2	8868483	CHR2:8868483	SSF x LoA	-4,884	-0,175	0,283
CHR2	888988	CHR2:888988	SSF x LoA	-5,205	0,028	0,297
CHR2	8890323	CHR2:8890323	SSF x LoA	-3,071	0,209	0,287
CHR2	8890400	CHR2:8890400	SSF x LoA	-7,873	0,126	0,301
CHR2	8890418	CHR2:8890418	SSF x LoA	-4,353	0,111	0,278
CHR2	889262	CHR2:889262	SSF x LoA	-11,503	0,037	0,295
CHR2	889335	CHR2:889335	SSF x LoA	-8,020	0,124	0,291
CHR2	8900540	CHR2:8900540	SSF x LoA	-6,120	-0,007	0,291
CHR2	8900581	CHR2:8900581	SSF x LoA	-9,338	-0,005	0,301
CHR2	8906603	CHR2:8906603	SSF x LoA	-8,030	-0,091	0,283
CHR2	8926141	CHR2:8926141	SSF x LoA	-7,740	-0,057	0,286
CHR2	8926154	CHR2:8926154	SSF x LoA	-7,211	-0,069	0,288
CHR2	8926166	CHR2:8926166	SSF x LoA	-8,011	0,081	0,274
CHR2	8926248	CHR2:8926248	SSF x LoA	-8,080	-0,103	0,277
CHR2	8935613	CHR2:8935613	SSF x LoA	-6,508	0,119	0,290
CHR2	8938902	CHR2:8938902	SSF x LoA	-10,348	0,050	0,291
CHR2	894280	CHR2:894280	SSF x LoA	-8,462	-0,067	0,279
CHR2	8943618	CHR2:8943618	SSF x LoA	-8,196	0,111	0,296
CHR2	8943670	CHR2:8943670	SSF x LoA	-7,553	-0,076	0,300
CHR2	8943693	CHR2:8943693	SSF x LoA	-6,211	0,177	0,285
CHR2	8943749	CHR2:8943749	SSF x LoA	-7,211	0,053	0,308
CHR2	894855	CHR2:894855	SSF x LoA	-7,693	0,048	0,299
CHR2	894908	CHR2:894908	SSF x LoA	-9,459	0,060	0,287
CHR2	894913	CHR2:894913	SSF x LoA	-10,862	-0,074	0,279
CHR2	899020	CHR2:899020	SSF x LoA	-7,630	-0,024	0,276
CHR2	9007309	CHR2:9007309	SSF x LoA	-8,345	-0,085	0,283
CHR2	9007448	CHR2:9007448	SSF x LoA	-4,739	0,036	0,284
CHR2	9010948	CHR2:9010948	SSF x LoA	-6,163	0,081	0,285
CHR2	9016615	CHR2:9016615	SSF x LoA	-8,899	0,002	0,288
CHR2	9016701	CHR2:9016701	SSF x LoA	-10,142	0,040	0,292
CHR2	9016730	CHR2:9016730	SSF x LoA	-8,099	-0,017	0,295

CHR2	9016764	CHR2:9016764	SSF x LoA	-11,541	0,045	0,294
CHR2	9016823	CHR2:9016823	SSF x LoA	-9,722	0,018	0,287
CHR2	9016830	CHR2:9016830	SSF x LoA	-9,173	-0,008	0,298
CHR2	9020323	CHR2:9020323	SSF x LoA	-9,396	-0,020	0,277
CHR2	9020372	CHR2:9020372	SSF x LoA	-8,384	-0,054	0,301
CHR2	9020423	CHR2:9020423	SSF x LoA	-7,830	0,090	0,282
CHR2	9020429	CHR2:9020429	SSF x LoA	-8,459	-0,010	0,297
CHR2	9020463	CHR2:9020463	SSF x LoA	-6,309	-0,120	0,285
CHR2	9020502	CHR2:9020502	SSF x LoA	-5,903	-0,055	0,301
CHR2	9020533	CHR2:9020533	SSF x LoA	-8,931	0,024	0,281
CHR2	9020579	CHR2:9020579	SSF x LoA	-8,268	0,059	0,292
CHR2	9020583	CHR2:9020583	SSF x LoA	-9,216	0,069	0,288
CHR2	902081	CHR2:902081	SSF x LoA	-9,172	0,003	0,296
CHR2	9023214	CHR2:9023214	SSF x LoA	-5,568	-0,084	0,288
CHR2	9023361	CHR2:9023361	SSF x LoA	-8,530	-0,062	0,297
CHR2	9023486	CHR2:9023486	SSF x LoA	-8,238	0,115	0,292
CHR2	9023501	CHR2:9023501	SSF x LoA	-8,435	-0,036	0,291
CHR2	9033409	CHR2:9033409	SSF x LoA	-10,092	-0,074	0,282
CHR2	9033414	CHR2:9033414	SSF x LoA	-8,928	-0,106	0,291
CHR2	9033465	CHR2:9033465	SSF x LoA	-9,648	-0,107	0,282
CHR2	9038509	CHR2:9038509	SSF x LoA	-5,031	0,011	0,295
CHR2	905666	CHR2:905666	SSF x LoA	-8,321	0,101	0,287
CHR2	9057699	CHR2:9057699	SSF x LoA	-4,607	-0,046	0,295
CHR2	905771	CHR2:905771	SSF x LoA	-4,549	0,135	0,281
CHR2	905788	CHR2:905788	SSF x LoA	-6,833	0,196	0,290
CHR2	905794	CHR2:905794	SSF x LoA	-8,658	-0,010	0,288
CHR2	905847	CHR2:905847	SSF x LoA	-6,830	0,212	0,289
CHR2	9076515	CHR2:9076515	SSF x LoA	-9,988	-0,021	0,290
CHR2	9078386	CHR2:9078386	SSF x LoA	-9,965	0,021	0,275
CHR2	9080804	CHR2:9080804	SSF x LoA	-7,259	0,075	0,293
CHR2	9080822	CHR2:9080822	SSF x LoA	-8,695	0,195	0,272
CHR2	9091491	CHR2:9091491	SSF x LoA	-9,268	-0,027	0,282
CHR2	9091519	CHR2:9091519	SSF x LoA	-10,857	0,046	0,282
CHR2	9091536	CHR2:9091536	SSF x LoA	-8,529	-0,004	0,294
CHR2	9106632	CHR2:9106632	SSF x LoA	-7,487	0,170	0,273
CHR2	9106672	CHR2:9106672	SSF x LoA	-9,734	0,105	0,290
CHR2	9106753	CHR2:9106753	SSF x LoA	-9,499	-0,017	0,292
CHR2	9106754	CHR2:9106754	SSF x LoA	-8,667	-0,009	0,292
CHR2	9115449	CHR2:9115449	SSF x LoA	-9,639	0,036	0,291
CHR2	9118677	CHR2:9118677	SSF x LoA	-10,928	0,005	0,279
CHR2	9118895	CHR2:9118895	SSF x LoA	-9,324	0,015	0,286
CHR2	9122668	CHR2:9122668	SSF x LoA	-10,181	0,001	0,297
CHR2	9122705	CHR2:9122705	SSF x LoA	-9,757	-0,079	0,292
CHR2	914233	CHR2:914233	SSF x LoA	-9,349	0,107	0,296
CHR2	9147229	CHR2:9147229	SSF x LoA	-10,053	0,038	0,296
CHR2	9147260	CHR2:9147260	SSF x LoA	-4,707	-0,106	0,281
CHR2	9148954	CHR2:9148954	SSF x LoA	-8,319	0,007	0,299
CHR2	9149404	CHR2:9149404	SSF x LoA	-7,717	0,004	0,271
CHR2	9173205	CHR2:9173205	SSF x LoA	-7,799	0,109	0,303
CHR2	9173443	CHR2:9173443	SSF x LoA	-9,053	0,096	0,298
CHR2	9173444	CHR2:9173444	SSF x LoA	-8,961	0,084	0,305
CHR2	9187407	CHR2:9187407	SSF x LoA	-10,965	-0,086	0,283
CHR2	9187414	CHR2:9187414	SSF x LoA	-8,023	-0,117	0,271

CHR2	9187435	CHR2:9187435	SSF x LoA	-4,176	0,146	0,273
CHR2	9228108	CHR2:9228108	SSF x LoA	-7,031	-0,061	0,299
CHR2	9232241	CHR2:9232241	SSF x LoA	-9,064	0,027	0,284
CHR2	9232433	CHR2:9232433	SSF x LoA	-6,664	-0,118	0,277
CHR2	9239529	CHR2:9239529	SSF x LoA	-8,829	-0,174	0,273
CHR2	9239700	CHR2:9239700	SSF x LoA	-9,190	-0,020	0,291
CHR2	9244613	CHR2:9244613	SSF x LoA	-8,103	-0,010	0,305
CHR2	9244799	CHR2:9244799	SSF x LoA	-9,688	0,021	0,299
CHR2	9248021	CHR2:9248021	SSF x LoA	-2,026	-0,088	0,295
CHR2	9273959	CHR2:9273959	SSF x LoA	-8,786	-0,135	0,293
CHR2	9274070	CHR2:9274070	SSF x LoA	-10,540	-0,113	0,276
CHR2	9274087	CHR2:9274087	SSF x LoA	-6,785	-0,001	0,279
CHR2	9276072	CHR2:9276072	SSF x LoA	-5,983	0,000	0,291
CHR2	9276084	CHR2:9276084	SSF x LoA	-9,151	-0,068	0,294
CHR2	9276096	CHR2:9276096	SSF x LoA	-8,843	-0,079	0,287
CHR2	9276102	CHR2:9276102	SSF x LoA	-8,090	0,187	0,262
CHR2	9276105	CHR2:9276105	SSF x LoA	-8,667	-0,004	0,291
CHR2	9276148	CHR2:9276148	SSF x LoA	-9,264	0,037	0,285
CHR2	9276151	CHR2:9276151	SSF x LoA	-9,400	0,132	0,274
CHR2	9283723	CHR2:9283723	SSF x LoA	-5,224	0,154	0,294
CHR2	9283743	CHR2:9283743	SSF x LoA	-8,797	-0,059	0,265
CHR2	9284173	CHR2:9284173	SSF x LoA	-9,890	0,106	0,292
CHR2	929075	CHR2:929075	SSF x LoA	-9,117	0,109	0,282
CHR2	929127	CHR2:929127	SSF x LoA	-9,806	-0,059	0,293
CHR2	929239	CHR2:929239	SSF x LoA	-7,890	-0,034	0,292
CHR2	929390	CHR2:929390	SSF x LoA	-4,054	-0,132	0,277
CHR2	929410	CHR2:929410	SSF x LoA	-10,636	-0,051	0,294
CHR2	929442	CHR2:929442	SSF x LoA	-7,816	-0,113	0,287
CHR2	929459	CHR2:929459	SSF x LoA	-8,629	0,062	0,294
CHR2	9296546	CHR2:9296546	SSF x LoA	-0,486	-0,101	0,284
CHR2	9296562	CHR2:9296562	SSF x LoA	-5,733	-0,128	0,290
CHR2	9316737	CHR2:9316737	SSF x LoA	-9,236	-0,117	0,291
CHR2	9317058	CHR2:9317058	SSF x LoA	-9,671	-0,083	0,297
CHR2	9327635	CHR2:9327635	SSF x LoA	-7,454	-0,059	0,276
CHR2	9327644	CHR2:9327644	SSF x LoA	-8,858	-0,062	0,286
CHR2	9327668	CHR2:9327668	SSF x LoA	-8,581	-0,073	0,298
CHR2	9327671	CHR2:9327671	SSF x LoA	-9,339	-0,046	0,298
CHR2	9327731	CHR2:9327731	SSF x LoA	-7,830	-0,082	0,286
CHR2	9327839	CHR2:9327839	SSF x LoA	-5,608	-0,119	0,290
CHR2	9327878	CHR2:9327878	SSF x LoA	-10,634	0,005	0,281
CHR2	9356563	CHR2:9356563	SSF x LoA	-4,839	0,105	0,292
CHR2	9356622	CHR2:9356622	SSF x LoA	-8,400	-0,079	0,297
CHR2	9356646	CHR2:9356646	SSF x LoA	-7,588	0,203	0,278
CHR2	9356655	CHR2:9356655	SSF x LoA	-7,984	-0,149	0,303
CHR2	9356663	CHR2:9356663	SSF x LoA	-7,601	-0,155	0,299
CHR2	9356671	CHR2:9356671	SSF x LoA	-9,093	0,091	0,303
CHR2	9356680	CHR2:9356680	SSF x LoA	-9,081	-0,124	0,288
CHR2	9361743	CHR2:9361743	SSF x LoA	-9,024	0,027	0,302
CHR2	9361822	CHR2:9361822	SSF x LoA	8,568	0,137	0,290
CHR2	9361827	CHR2:9361827	SSF x LoA	-10,085	0,034	0,288
CHR2	9363430	CHR2:9363430	SSF x LoA	-8,305	-0,044	0,290
CHR2	9363712	CHR2:9363712	SSF x LoA	-9,082	0,142	0,273
CHR2	9363759	CHR2:9363759	SSF x LoA	-6,252	0,048	0,292

CHR2	9363777	CHR2:9363777	SSF x LoA	-9,604	0,085	0,288
CHR2	9367819	CHR2:9367819	SSF x LoA	-6,846	-0,097	0,274
CHR2	9367843	CHR2:9367843	SSF x LoA	-6,428	0,086	0,301
CHR2	9371058	CHR2:9371058	SSF x LoA	-10,630	0,041	0,295
CHR2	9371157	CHR2:9371157	SSF x LoA	-7,901	0,073	0,295
CHR2	9425888	CHR2:9425888	SSF x LoA	-7,910	-0,134	0,281
CHR2	9425915	CHR2:9425915	SSF x LoA	-8,701	0,085	0,289
CHR2	9426014	CHR2:9426014	SSF x LoA	-9,004	-0,049	0,292
CHR2	9447645	CHR2:9447645	SSF x LoA	-9,182	-0,135	0,284
CHR2	9451421	CHR2:9451421	SSF x LoA	-7,028	-0,172	0,286
CHR2	9451586	CHR2:9451586	SSF x LoA	-7,311	-0,090	0,280
CHR2	9452099	CHR2:9452099	SSF x LoA	-8,788	-0,131	0,282
CHR2	9516833	CHR2:9516833	SSF x LoA	-8,585	-0,026	0,297
CHR2	9519335	CHR2:9519335	SSF x LoA	-9,164	0,062	0,289
CHR2	9522511	CHR2:9522511	SSF x LoA	-5,183	0,157	0,292
CHR2	9522512	CHR2:9522512	SSF x LoA	-6,412	0,141	0,290
CHR2	9522590	CHR2:9522590	SSF x LoA	-9,266	-0,111	0,289
CHR2	9529611	CHR2:9529611	SSF x LoA	-9,792	-0,025	0,302
CHR2	9529882	CHR2:9529882	SSF x LoA	-10,107	-0,076	0,295
CHR2	9534147	CHR2:9534147	SSF x LoA	-10,405	0,111	0,289
CHR2	9534482	CHR2:9534482	SSF x LoA	-10,091	0,084	0,286
CHR2	9540395	CHR2:9540395	SSF x LoA	-11,056	0,000	0,292
CHR2	954623	CHR2:954623	SSF x LoA	-7,612	0,014	0,309
CHR2	954795	CHR2:954795	SSF x LoA	-8,595	-0,069	0,284
CHR2	955000	CHR2:955000	SSF x LoA	-5,145	0,100	0,307
CHR2	955010	CHR2:955010	SSF x LoA	-7,557	0,170	0,294
CHR2	9554265	CHR2:9554265	SSF x LoA	-8,366	0,032	0,295
CHR2	9554271	CHR2:9554271	SSF x LoA	-5,913	0,136	0,292
CHR2	9554313	CHR2:9554313	SSF x LoA	-10,208	0,043	0,298
CHR2	9554480	CHR2:9554480	SSF x LoA	-9,931	-0,093	0,281
CHR2	9565004	CHR2:9565004	SSF x LoA	-8,544	0,017	0,274
CHR2	9565025	CHR2:9565025	SSF x LoA	-10,973	-0,045	0,301
CHR2	9565169	CHR2:9565169	SSF x LoA	-6,248	0,145	0,277
CHR2	9611215	CHR2:9611215	SSF x LoA	-10,311	-0,012	0,299
CHR2	9611292	CHR2:9611292	SSF x LoA	-7,799	0,138	0,291
CHR2	9633204	CHR2:9633204	SSF x LoA	-9,437	0,029	0,282
CHR2	9643259	CHR2:9643259	SSF x LoA	-9,645	0,122	0,284
CHR2	9648970	CHR2:9648970	SSF x LoA	-7,727	0,090	0,303
CHR2	9649137	CHR2:9649137	SSF x LoA	-8,650	-0,067	0,272
CHR2	9652054	CHR2:9652054	SSF x LoA	-10,054	-0,062	0,281
CHR2	9652197	CHR2:9652197	SSF x LoA	-4,688	-0,060	0,283
CHR2	9652202	CHR2:9652202	SSF x LoA	-10,887	-0,065	0,289
CHR2	9652311	CHR2:9652311	SSF x LoA	-8,939	-0,037	0,274
CHR2	969556	CHR2:969556	SSF x LoA	-8,588	0,013	0,290
CHR2	992518	CHR2:992518	SSF x LoA	15,818	0,159	0,291
CHR2	992559	CHR2:992559	SSF x LoA	-8,270	-0,062	0,294
CHR2	992707	CHR2:992707	SSF x LoA	-10,725	-0,106	0,279
CHR2	992721	CHR2:992721	SSF x LoA	-7,931	-0,004	0,289
CHR2	992763	CHR2:992763	SSF x LoA	-9,133	-0,179	0,276
CHR2	992785	CHR2:992785	SSF x LoA	-8,201	-0,161	0,282
CHR2	992921	CHR2:992921	SSF x LoA	-9,728	-0,146	0,289
CHR2	998553	CHR2:998553	SSF x LoA	-8,188	0,028	0,294
CHR2	998631	CHR2:998631	SSF x LoA	-8,543	0,020	0,294

CHR3	1E+07	CHR3:10008084	SSF x LoA	-7,554	0,059	0,292
CHR3	1E+07	CHR3:10008085	SSF x LoA	-9,581	0,052	0,295
CHR3	1E+07	CHR3:10008202	SSF x LoA	-8,603	-0,009	0,289
CHR3	1E+07	CHR3:10008210	SSF x LoA	11,326	-0,180	0,279
CHR3	1E+07	CHR3:10008224	SSF x LoA	-5,403	-0,170	0,278
CHR3	1E+07	CHR3:10008248	SSF x LoA	-6,997	0,121	0,295
CHR3	1E+07	CHR3:10008349	SSF x LoA	-9,821	0,053	0,276
CHR3	1E+07	CHR3:10012413	SSF x LoA	-9,567	-0,047	0,291
CHR3	1E+07	CHR3:10026302	SSF x LoA	-7,268	-0,105	0,285
CHR3	1E+07	CHR3:10026346	SSF x LoA	-8,865	-0,153	0,267
CHR3	1E+07	CHR3:10026417	SSF x LoA	-9,911	0,076	0,278
CHR3	1E+07	CHR3:10034012	SSF x LoA	-9,128	0,085	0,304
CHR3	1E+07	CHR3:10034022	SSF x LoA	-7,837	0,102	0,301
CHR3	1E+07	CHR3:10034041	SSF x LoA	-9,408	0,059	0,285
CHR3	1E+07	CHR3:10034050	SSF x LoA	-8,979	-0,043	0,290
CHR3	1E+07	CHR3:10034080	SSF x LoA	-10,399	-0,001	0,279
CHR3	1E+07	CHR3:10034182	SSF x LoA	-7,117	0,023	0,276
CHR3	1E+07	CHR3:10034242	SSF x LoA	-9,218	0,018	0,289
CHR3	1E+07	CHR3:10045865	SSF x LoA	-10,636	0,019	0,304
CHR3	1E+07	CHR3:10045878	SSF x LoA	-4,744	-0,170	0,291
CHR3	1E+07	CHR3:10059142	SSF x LoA	-9,781	-0,004	0,296
CHR3	1E+07	CHR3:10059222	SSF x LoA	-11,017	-0,055	0,291
CHR3	1E+07	CHR3:10061667	SSF x LoA	-10,279	0,089	0,294
CHR3	1E+07	CHR3:10061679	SSF x LoA	-9,069	0,055	0,289
CHR3	1E+07	CHR3:10061708	SSF x LoA	-7,302	-0,047	0,308
CHR3	1E+07	CHR3:10061722	SSF x LoA	-8,860	0,073	0,308
CHR3	1E+07	CHR3:10061726	SSF x LoA	-8,461	0,073	0,298
CHR3	1006591	CHR3:1006591	SSF x LoA	-9,976	-0,064	0,291
CHR3	1006646	CHR3:1006646	SSF x LoA	-5,955	-0,146	0,281
CHR3	1006725	CHR3:1006725	SSF x LoA	-7,153	-0,055	0,289
CHR3	1006839	CHR3:1006839	SSF x LoA	-10,919	-0,017	0,286
CHR3	1006922	CHR3:1006922	SSF x LoA	-8,547	0,157	0,282
CHR3	1E+07	CHR3:10074657	SSF x LoA	-6,094	0,151	0,285
CHR3	1E+07	CHR3:10091406	SSF x LoA	-9,253	-0,131	0,293
CHR3	1E+07	CHR3:10091468	SSF x LoA	-8,452	-0,012	0,298
CHR3	1E+07	CHR3:10093520	SSF x LoA	-10,293	0,003	0,288
CHR3	1E+07	CHR3:10093532	SSF x LoA	-10,280	-0,056	0,293
CHR3	1E+07	CHR3:10093533	SSF x LoA	-10,419	-0,056	0,300
CHR3	1E+07	CHR3:10093565	SSF x LoA	-9,235	-0,142	0,277
CHR3	1E+07	CHR3:10094457	SSF x LoA	-5,416	-0,145	0,293
CHR3	1E+07	CHR3:10094497	SSF x LoA	-10,582	-0,050	0,287
CHR3	1E+07	CHR3:10094507	SSF x LoA	-7,715	-0,120	0,283
CHR3	1E+07	CHR3:10094521	SSF x LoA	-9,596	-0,056	0,282
CHR3	1E+07	CHR3:10094607	SSF x LoA	-9,750	-0,065	0,291
CHR3	1010368	CHR3:1010368	SSF x LoA	-7,020	0,059	0,297
CHR3	1010392	CHR3:1010392	SSF x LoA	-9,384	-0,100	0,286
CHR3	1010393	CHR3:1010393	SSF x LoA	-10,276	-0,078	0,290
CHR3	1010435	CHR3:1010435	SSF x LoA	-6,772	0,086	0,299
CHR3	1E+07	CHR3:10110186	SSF x LoA	-9,774	0,046	0,278
CHR3	1E+07	CHR3:10123062	SSF x LoA	-2,645	0,167	0,289
CHR3	1E+07	CHR3:10123081	SSF x LoA	-8,834	0,179	0,274
CHR3	1E+07	CHR3:10123271	SSF x LoA	-8,626	-0,058	0,285
CHR3	1E+07	CHR3:10135468	SSF x LoA	-11,211	0,029	0,286

CHR3	1E+07	CHR3:10135645	SSF x LoA	-9,520	-0,018	0,289
CHR3	1E+07	CHR3:10135663	SSF x LoA	-11,269	-0,069	0,287
CHR3	1E+07	CHR3:10135665	SSF x LoA	-6,211	-0,186	0,287
CHR3	1E+07	CHR3:10137461	SSF x LoA	-8,686	0,006	0,298
CHR3	1E+07	CHR3:10144910	SSF x LoA	-8,916	-0,026	0,290
CHR3	1E+07	CHR3:10153702	SSF x LoA	-10,841	0,055	0,289
CHR3	1E+07	CHR3:10183248	SSF x LoA	-8,499	0,179	0,278
CHR3	1E+07	CHR3:10183260	SSF x LoA	-10,025	0,096	0,282
CHR3	1E+07	CHR3:10184176	SSF x LoA	-7,236	0,120	0,292
CHR3	1E+07	CHR3:10184200	SSF x LoA	-9,786	-0,029	0,293
CHR3	1E+07	CHR3:10184211	SSF x LoA	-5,256	0,113	0,279
CHR3	1020644	CHR3:1020644	SSF x LoA	-2,236	-0,167	0,293
CHR3	1E+07	CHR3:10212631	SSF x LoA	-8,475	0,033	0,309
CHR3	1E+07	CHR3:10212755	SSF x LoA	-7,561	0,081	0,290
CHR3	1E+07	CHR3:10212863	SSF x LoA	-8,022	-0,058	0,288
CHR3	1E+07	CHR3:10212872	SSF x LoA	-10,228	-0,008	0,293
CHR3	1E+07	CHR3:10218361	SSF x LoA	-7,597	0,087	0,281
CHR3	1E+07	CHR3:10220457	SSF x LoA	-6,838	-0,082	0,288
CHR3	1E+07	CHR3:10220460	SSF x LoA	-8,205	-0,088	0,283
CHR3	1E+07	CHR3:10220469	SSF x LoA	-6,676	-0,055	0,280
CHR3	1E+07	CHR3:10220496	SSF x LoA	-8,026	-0,091	0,293
CHR3	1E+07	CHR3:10220573	SSF x LoA	-6,650	0,043	0,279
CHR3	1E+07	CHR3:10220607	SSF x LoA	-9,075	0,105	0,286
CHR3	1E+07	CHR3:10220647	SSF x LoA	-8,942	-0,040	0,297
CHR3	1E+07	CHR3:10220656	SSF x LoA	-6,235	0,145	0,277
CHR3	1E+07	CHR3:10220676	SSF x LoA	-8,951	0,116	0,289
CHR3	1E+07	CHR3:10220683	SSF x LoA	-10,642	-0,047	0,287
CHR3	1E+07	CHR3:10220736	SSF x LoA	-8,027	-0,101	0,282
CHR3	1E+07	CHR3:10247625	SSF x LoA	-10,033	-0,049	0,281
CHR3	1E+07	CHR3:10247626	SSF x LoA	-10,864	-0,097	0,289
CHR3	1E+07	CHR3:10247695	SSF x LoA	-7,801	-0,048	0,294
CHR3	1E+07	CHR3:10247713	SSF x LoA	-9,104	-0,052	0,308
CHR3	1E+07	CHR3:10247783	SSF x LoA	-10,924	0,028	0,287
CHR3	1E+07	CHR3:10247796	SSF x LoA	-7,723	0,101	0,294
CHR3	1E+07	CHR3:10259873	SSF x LoA	-10,523	0,003	0,297
CHR3	1E+07	CHR3:10259918	SSF x LoA	-10,484	0,018	0,296
CHR3	1E+07	CHR3:10260334	SSF x LoA	-8,382	-0,008	0,283
CHR3	1E+07	CHR3:10260339	SSF x LoA	-7,887	0,016	0,291
CHR3	1E+07	CHR3:10267582	SSF x LoA	-10,562	-0,001	0,288
CHR3	1E+07	CHR3:10267655	SSF x LoA	-7,945	0,006	0,277
CHR3	1026804	CHR3:1026804	SSF x LoA	-10,604	0,081	0,299
CHR3	1E+07	CHR3:10268968	SSF x LoA	-8,501	-0,048	0,300
CHR3	1E+07	CHR3:10268988	SSF x LoA	-8,059	0,002	0,294
CHR3	1E+07	CHR3:10268995	SSF x LoA	-9,391	-0,053	0,290
CHR3	1E+07	CHR3:10269007	SSF x LoA	-8,338	0,075	0,299
CHR3	1E+07	CHR3:10269078	SSF x LoA	-4,567	0,188	0,286
CHR3	1E+07	CHR3:10269102	SSF x LoA	-11,126	-0,012	0,282
CHR3	1E+07	CHR3:10269121	SSF x LoA	-10,810	-0,037	0,293
CHR3	1E+07	CHR3:10269159	SSF x LoA	-9,324	0,006	0,297
CHR3	1E+07	CHR3:10269172	SSF x LoA	-3,769	-0,061	0,295
CHR3	1E+07	CHR3:10272995	SSF x LoA	-8,513	-0,013	0,285
CHR3	1E+07	CHR3:10273020	SSF x LoA	-7,938	0,103	0,294
CHR3	1E+07	CHR3:10273035	SSF x LoA	-7,551	-0,104	0,285

CHR3	1E+07	CHR3:10273036	SSF x LoA	-6,887	0,062	0,279
CHR3	1E+07	CHR3:10293890	SSF x LoA	-10,169	0,049	0,299
CHR3	1E+07	CHR3:10293905	SSF x LoA	-7,359	0,148	0,277
CHR3	1E+07	CHR3:10293983	SSF x LoA	-6,930	-0,142	0,291
CHR3	1031519	CHR3:1031519	SSF x LoA	-8,054	0,058	0,291
CHR3	1E+07	CHR3:10337705	SSF x LoA	-6,426	-0,136	0,285
CHR3	1E+07	CHR3:10341563	SSF x LoA	-6,078	-0,221	0,277
CHR3	1E+07	CHR3:10345379	SSF x LoA	-10,745	0,035	0,297
CHR3	1E+07	CHR3:10356458	SSF x LoA	-8,120	-0,040	0,282
CHR3	1E+07	CHR3:10361695	SSF x LoA	-8,806	0,015	0,279
CHR3	1E+07	CHR3:10361704	SSF x LoA	-9,143	-0,002	0,301
CHR3	1E+07	CHR3:10361723	SSF x LoA	-7,361	0,087	0,278
CHR3	1E+07	CHR3:10361791	SSF x LoA	-7,846	-0,065	0,291
CHR3	1E+07	CHR3:10361821	SSF x LoA	-4,926	0,187	0,272
CHR3	1E+07	CHR3:10361826	SSF x LoA	-4,343	0,188	0,273
CHR3	1E+07	CHR3:10361871	SSF x LoA	-4,288	-0,145	0,300
CHR3	1E+07	CHR3:10361875	SSF x LoA	-9,709	-0,036	0,294
CHR3	1039660	CHR3:1039660	SSF x LoA	-8,481	-0,058	0,294
CHR3	1E+07	CHR3:10406691	SSF x LoA	-10,466	-0,009	0,302
CHR3	1E+07	CHR3:10406797	SSF x LoA	-10,443	-0,033	0,299
CHR3	1E+07	CHR3:10406970	SSF x LoA	-9,202	-0,007	0,291
CHR3	1E+07	CHR3:10406995	SSF x LoA	-7,497	0,107	0,288
CHR3	1E+07	CHR3:10407025	SSF x LoA	-10,799	-0,029	0,289
CHR3	1E+07	CHR3:10407033	SSF x LoA	-9,934	0,000	0,291
CHR3	1041925	CHR3:1041925	SSF x LoA	-8,765	0,038	0,283
CHR3	1042039	CHR3:1042039	SSF x LoA	-4,544	-0,058	0,286
CHR3	1E+07	CHR3:10432489	SSF x LoA	-10,216	-0,069	0,276
CHR3	1E+07	CHR3:10432531	SSF x LoA	-8,845	-0,107	0,282
CHR3	1E+07	CHR3:10432532	SSF x LoA	-7,189	0,079	0,293
CHR3	1E+07	CHR3:10432546	SSF x LoA	-11,624	0,006	0,295
CHR3	1E+07	CHR3:10432566	SSF x LoA	-7,533	-0,026	0,309
CHR3	1E+07	CHR3:10432567	SSF x LoA	-7,113	0,017	0,301
CHR3	1E+07	CHR3:10432636	SSF x LoA	-9,447	-0,013	0,283
CHR3	1E+07	CHR3:10432769	SSF x LoA	-11,780	-0,016	0,268
CHR3	1E+07	CHR3:10435157	SSF x LoA	-8,159	0,098	0,305
CHR3	1E+07	CHR3:10435176	SSF x LoA	-8,271	0,097	0,288
CHR3	1E+07	CHR3:10435186	SSF x LoA	-7,007	0,039	0,310
CHR3	1E+07	CHR3:10435208	SSF x LoA	-6,713	0,059	0,293
CHR3	1E+07	CHR3:10444928	SSF x LoA	-10,739	0,050	0,300
CHR3	1E+07	CHR3:10444944	SSF x LoA	-9,499	0,031	0,310
CHR3	1E+07	CHR3:10464083	SSF x LoA	-6,570	-0,092	0,296
CHR3	1E+07	CHR3:10464134	SSF x LoA	-9,160	-0,140	0,288
CHR3	1E+07	CHR3:10464214	SSF x LoA	-9,066	-0,080	0,291
CHR3	1E+07	CHR3:10464546	SSF x LoA	0,868	0,145	0,287
CHR3	1E+07	CHR3:10471779	SSF x LoA	-8,054	0,053	0,265
CHR3	1E+07	CHR3:10471934	SSF x LoA	-10,090	-0,013	0,296
CHR3	1048550	CHR3:1048550	SSF x LoA	-11,075	0,036	0,285
CHR3	1E+07	CHR3:10499801	SSF x LoA	-8,059	-0,112	0,288
CHR3	10500124	CHR3:10500124	SSF x LoA	-8,543	0,038	0,291
CHR3	10501510	CHR3:10501510	SSF x LoA	-7,847	0,133	0,297
CHR3	10501601	CHR3:10501601	SSF x LoA	-8,280	0,066	0,294
CHR3	10537797	CHR3:10537797	SSF x LoA	-8,549	0,021	0,301
CHR3	10537874	CHR3:10537874	SSF x LoA	-8,677	0,022	0,294

CHR3	10537883	CHR3:10537883	SSF x LoA	-10,476	-0,010	0,290
CHR3	10542334	CHR3:10542334	SSF x LoA	-8,946	-0,036	0,293
CHR3	10542360	CHR3:10542360	SSF x LoA	-9,728	-0,089	0,287
CHR3	10542429	CHR3:10542429	SSF x LoA	-7,596	-0,001	0,302
CHR3	10542441	CHR3:10542441	SSF x LoA	-9,611	-0,010	0,298
CHR3	10542470	CHR3:10542470	SSF x LoA	-8,570	0,086	0,299
CHR3	10545647	CHR3:10545647	SSF x LoA	-9,859	-0,031	0,285
CHR3	10545697	CHR3:10545697	SSF x LoA	-10,144	-0,007	0,297
CHR3	10551662	CHR3:10551662	SSF x LoA	-7,881	0,096	0,294
CHR3	10551711	CHR3:10551711	SSF x LoA	-11,118	-0,052	0,283
CHR3	10551751	CHR3:10551751	SSF x LoA	-8,496	0,160	0,278
CHR3	10551768	CHR3:10551768	SSF x LoA	-8,965	0,071	0,301
CHR3	10559155	CHR3:10559155	SSF x LoA	-9,647	-0,035	0,280
CHR3	10569667	CHR3:10569667	SSF x LoA	-9,072	-0,008	0,293
CHR3	10569766	CHR3:10569766	SSF x LoA	-6,980	-0,124	0,292
CHR3	10569804	CHR3:10569804	SSF x LoA	-9,750	0,016	0,290
CHR3	10569821	CHR3:10569821	SSF x LoA	-8,891	-0,040	0,285
CHR3	10569833	CHR3:10569833	SSF x LoA	-8,617	-0,039	0,293
CHR3	10569840	CHR3:10569840	SSF x LoA	-8,897	-0,026	0,293
CHR3	10569842	CHR3:10569842	SSF x LoA	-8,830	-0,040	0,291
CHR3	10569969	CHR3:10569969	SSF x LoA	-9,735	0,059	0,285
CHR3	10569996	CHR3:10569996	SSF x LoA	-9,706	0,050	0,295
CHR3	10598921	CHR3:10598921	SSF x LoA	-4,496	0,151	0,288
CHR3	10598927	CHR3:10598927	SSF x LoA	-11,188	0,015	0,274
CHR3	10598976	CHR3:10598976	SSF x LoA	-9,743	-0,129	0,278
CHR3	10598979	CHR3:10598979	SSF x LoA	-10,736	-0,087	0,289
CHR3	10599015	CHR3:10599015	SSF x LoA	-7,629	-0,136	0,293
CHR3	10599021	CHR3:10599021	SSF x LoA	-7,953	-0,119	0,288
CHR3	10599037	CHR3:10599037	SSF x LoA	-5,254	0,065	0,288
CHR3	10599163	CHR3:10599163	SSF x LoA	-8,654	-0,055	0,284
CHR3	10608137	CHR3:10608137	SSF x LoA	-9,892	0,089	0,276
CHR3	10608193	CHR3:10608193	SSF x LoA	-8,813	0,061	0,279
CHR3	10608262	CHR3:10608262	SSF x LoA	-9,385	0,004	0,282
CHR3	10608375	CHR3:10608375	SSF x LoA	-8,664	-0,083	0,283
CHR3	10612026	CHR3:10612026	SSF x LoA	-7,376	-0,026	0,297
CHR3	10612077	CHR3:10612077	SSF x LoA	-6,233	0,119	0,291
CHR3	10612097	CHR3:10612097	SSF x LoA	-6,819	0,092	0,286
CHR3	10612141	CHR3:10612141	SSF x LoA	-8,099	0,051	0,291
CHR3	10612196	CHR3:10612196	SSF x LoA	-7,555	-0,074	0,289
CHR3	10613705	CHR3:10613705	SSF x LoA	-9,966	-0,100	0,292
CHR3	10613732	CHR3:10613732	SSF x LoA	-6,986	-0,072	0,285
CHR3	10613748	CHR3:10613748	SSF x LoA	-10,202	0,047	0,278
CHR3	10613773	CHR3:10613773	SSF x LoA	-7,926	0,073	0,288
CHR3	10613888	CHR3:10613888	SSF x LoA	-6,616	0,142	0,284
CHR3	10626843	CHR3:10626843	SSF x LoA	0,130	-0,115	0,275
CHR3	10628130	CHR3:10628130	SSF x LoA	-8,668	0,001	0,285
CHR3	10648180	CHR3:10648180	SSF x LoA	-8,194	0,073	0,296
CHR3	10648249	CHR3:10648249	SSF x LoA	-8,533	-0,036	0,289
CHR3	10648264	CHR3:10648264	SSF x LoA	-7,775	-0,189	0,277
CHR3	10648326	CHR3:10648326	SSF x LoA	2,255	-0,163	0,263
CHR3	10648333	CHR3:10648333	SSF x LoA	-6,933	0,201	0,266
CHR3	10648335	CHR3:10648335	SSF x LoA	-5,091	-0,123	0,284
CHR3	10648342	CHR3:10648342	SSF x LoA	-10,227	-0,039	0,292

CHR3	10648349	CHR3:10648349	SSF x LoA	-9,496	-0,023	0,286
CHR3	10648373	CHR3:10648373	SSF x LoA	-9,321	-0,025	0,288
CHR3	10675404	CHR3:10675404	SSF x LoA	-5,835	0,016	0,295
CHR3	10723177	CHR3:10723177	SSF x LoA	-3,063	0,225	0,270
CHR3	10723217	CHR3:10723217	SSF x LoA	-9,726	0,093	0,289
CHR3	10723225	CHR3:10723225	SSF x LoA	-5,227	0,131	0,290
CHR3	10723246	CHR3:10723246	SSF x LoA	-8,302	0,115	0,276
CHR3	10723298	CHR3:10723298	SSF x LoA	-7,441	0,200	0,277
CHR3	10723379	CHR3:10723379	SSF x LoA	-8,051	0,091	0,292
CHR3	10742231	CHR3:10742231	SSF x LoA	-8,515	-0,036	0,289
CHR3	10759598	CHR3:10759598	SSF x LoA	-8,179	0,012	0,295
CHR3	10759631	CHR3:10759631	SSF x LoA	-8,653	0,039	0,290
CHR3	10783989	CHR3:10783989	SSF x LoA	-8,094	0,006	0,292
CHR3	10784034	CHR3:10784034	SSF x LoA	-8,857	0,006	0,284
CHR3	10817693	CHR3:10817693	SSF x LoA	-8,931	-0,016	0,305
CHR3	10817723	CHR3:10817723	SSF x LoA	-3,911	0,151	0,304
CHR3	10817817	CHR3:10817817	SSF x LoA	-6,759	-0,081	0,284
CHR3	10819305	CHR3:10819305	SSF x LoA	-9,652	-0,050	0,292
CHR3	10828628	CHR3:10828628	SSF x LoA	-8,313	-0,004	0,284
CHR3	10840428	CHR3:10840428	SSF x LoA	-2,428	0,011	0,305
CHR3	10840852	CHR3:10840852	SSF x LoA	-9,221	0,068	0,289
CHR3	10840853	CHR3:10840853	SSF x LoA	-9,766	-0,006	0,296
CHR3	10861360	CHR3:10861360	SSF x LoA	-10,165	-0,067	0,281
CHR3	10866421	CHR3:10866421	SSF x LoA	-11,567	-0,059	0,292
CHR3	10873784	CHR3:10873784	SSF x LoA	-7,670	0,103	0,290
CHR3	10873788	CHR3:10873788	SSF x LoA	-7,744	0,104	0,293
CHR3	10873958	CHR3:10873958	SSF x LoA	-8,763	0,030	0,296
CHR3	10886427	CHR3:10886427	SSF x LoA	-9,791	0,087	0,289
CHR3	10886594	CHR3:10886594	SSF x LoA	-7,475	0,108	0,296
CHR3	10886611	CHR3:10886611	SSF x LoA	-6,995	0,115	0,277
CHR3	10886628	CHR3:10886628	SSF x LoA	-7,551	0,093	0,285
CHR3	1090516	CHR3:1090516	SSF x LoA	-8,199	-0,064	0,306
CHR3	1090523	CHR3:1090523	SSF x LoA	-8,402	-0,074	0,285
CHR3	10905339	CHR3:10905339	SSF x LoA	-8,666	0,038	0,277
CHR3	10905487	CHR3:10905487	SSF x LoA	-9,896	0,033	0,290
CHR3	1092538	CHR3:1092538	SSF x LoA	-8,496	-0,077	0,284
CHR3	1092655	CHR3:1092655	SSF x LoA	-6,970	0,070	0,286
CHR3	10930599	CHR3:10930599	SSF x LoA	-8,800	-0,014	0,294
CHR3	10930618	CHR3:10930618	SSF x LoA	-9,268	0,031	0,271
CHR3	10930826	CHR3:10930826	SSF x LoA	-8,580	-0,013	0,285
CHR3	10936293	CHR3:10936293	SSF x LoA	-7,685	-0,045	0,277
CHR3	10936308	CHR3:10936308	SSF x LoA	-8,802	-0,035	0,284
CHR3	10943438	CHR3:10943438	SSF x LoA	-7,778	0,091	0,293
CHR3	10943459	CHR3:10943459	SSF x LoA	-9,471	0,035	0,284
CHR3	10972211	CHR3:10972211	SSF x LoA	-9,468	0,084	0,294
CHR3	10993330	CHR3:10993330	SSF x LoA	-9,557	-0,060	0,281
CHR3	10993331	CHR3:10993331	SSF x LoA	-6,842	0,056	0,297
CHR3	11008960	CHR3:11008960	SSF x LoA	-4,407	0,159	0,286
CHR3	11008966	CHR3:11008966	SSF x LoA	-1,049	0,173	0,285
CHR3	11010541	CHR3:11010541	SSF x LoA	-10,076	-0,070	0,287
CHR3	11010696	CHR3:11010696	SSF x LoA	-10,482	0,054	0,278
CHR3	11010716	CHR3:11010716	SSF x LoA	-8,161	0,014	0,303
CHR3	1101844	CHR3:1101844	SSF x LoA	-4,088	0,074	0,304

CHR3	11025081	CHR3:11025081	SSF x LoA	-9,389	-0,028	0,289
CHR3	11082426	CHR3:11082426	SSF x LoA	-10,552	0,074	0,298
CHR3	11082491	CHR3:11082491	SSF x LoA	-9,252	-0,003	0,291
CHR3	11130848	CHR3:11130848	SSF x LoA	-8,819	0,107	0,291
CHR3	11130891	CHR3:11130891	SSF x LoA	-8,010	0,044	0,287
CHR3	11130903	CHR3:11130903	SSF x LoA	-5,539	0,037	0,289
CHR3	11141746	CHR3:11141746	SSF x LoA	-11,055	0,008	0,284
CHR3	11141749	CHR3:11141749	SSF x LoA	-10,153	0,047	0,279
CHR3	11141983	CHR3:11141983	SSF x LoA	-11,068	0,037	0,290
CHR3	11162566	CHR3:11162566	SSF x LoA	-9,831	-0,063	0,287
CHR3	11162860	CHR3:11162860	SSF x LoA	-10,585	-0,105	0,289
CHR3	11166619	CHR3:11166619	SSF x LoA	-8,533	-0,061	0,272
CHR3	1116773	CHR3:1116773	SSF x LoA	-7,033	-0,067	0,293
CHR3	11168055	CHR3:11168055	SSF x LoA	-5,874	-0,062	0,279
CHR3	11168060	CHR3:11168060	SSF x LoA	-8,072	0,014	0,294
CHR3	11168069	CHR3:11168069	SSF x LoA	-7,964	-0,089	0,282
CHR3	1116816	CHR3:1116816	SSF x LoA	-9,850	-0,026	0,304
CHR3	11168210	CHR3:11168210	SSF x LoA	-7,750	0,132	0,284
CHR3	1116824	CHR3:1116824	SSF x LoA	-8,469	0,052	0,290
CHR3	11176882	CHR3:11176882	SSF x LoA	-9,617	0,043	0,274
CHR3	11176899	CHR3:11176899	SSF x LoA	-9,739	-0,007	0,280
CHR3	11176960	CHR3:11176960	SSF x LoA	-6,076	0,154	0,288
CHR3	11176972	CHR3:11176972	SSF x LoA	-8,603	0,116	0,293
CHR3	11176986	CHR3:11176986	SSF x LoA	-8,834	0,160	0,293
CHR3	11176994	CHR3:11176994	SSF x LoA	-7,132	-0,116	0,294
CHR3	11176996	CHR3:11176996	SSF x LoA	-7,388	0,027	0,298
CHR3	11177014	CHR3:11177014	SSF x LoA	-9,488	-0,086	0,283
CHR3	11177034	CHR3:11177034	SSF x LoA	-9,141	-0,063	0,288
CHR3	11177073	CHR3:11177073	SSF x LoA	-8,051	0,108	0,290
CHR3	11184313	CHR3:11184313	SSF x LoA	-4,459	0,062	0,285
CHR3	11184345	CHR3:11184345	SSF x LoA	-7,778	-0,153	0,276
CHR3	11184349	CHR3:11184349	SSF x LoA	-9,343	0,141	0,272
CHR3	11184470	CHR3:11184470	SSF x LoA	-6,044	-0,040	0,312
CHR3	11184471	CHR3:11184471	SSF x LoA	-4,709	0,159	0,276
CHR3	11184513	CHR3:11184513	SSF x LoA	-8,711	-0,063	0,296
CHR3	11188152	CHR3:11188152	SSF x LoA	-7,864	-0,134	0,287
CHR3	11188239	CHR3:11188239	SSF x LoA	-11,842	-0,033	0,286
CHR3	11188254	CHR3:11188254	SSF x LoA	-8,541	-0,069	0,286
CHR3	11200512	CHR3:11200512	SSF x LoA	-9,601	0,013	0,298
CHR3	11200748	CHR3:11200748	SSF x LoA	-10,707	-0,007	0,290
CHR3	11208102	CHR3:11208102	SSF x LoA	1,078	0,162	0,296
CHR3	11208315	CHR3:11208315	SSF x LoA	-8,124	-0,181	0,272
CHR3	11208322	CHR3:11208322	SSF x LoA	-5,794	-0,108	0,308
CHR3	11213718	CHR3:11213718	SSF x LoA	-10,482	0,109	0,285
CHR3	11213774	CHR3:11213774	SSF x LoA	-5,585	-0,108	0,290
CHR3	11213775	CHR3:11213775	SSF x LoA	-8,572	0,122	0,295
CHR3	11213785	CHR3:11213785	SSF x LoA	-7,760	0,080	0,275
CHR3	11213826	CHR3:11213826	SSF x LoA	-6,248	0,104	0,284
CHR3	11213827	CHR3:11213827	SSF x LoA	-5,645	0,123	0,285
CHR3	11213839	CHR3:11213839	SSF x LoA	-8,073	0,116	0,293
CHR3	11213852	CHR3:11213852	SSF x LoA	-6,124	0,060	0,296
CHR3	11213856	CHR3:11213856	SSF x LoA	-7,382	0,035	0,282
CHR3	11213934	CHR3:11213934	SSF x LoA	-9,730	-0,012	0,301

CHR3	11214012	CHR3:11214012	SSF x LoA	-8,320	-0,103	0,286
CHR3	11234882	CHR3:11234882	SSF x LoA	-9,402	0,048	0,294
CHR3	11234945	CHR3:11234945	SSF x LoA	-10,864	-0,036	0,281
CHR3	11234953	CHR3:11234953	SSF x LoA	-10,808	-0,004	0,289
CHR3	11234956	CHR3:11234956	SSF x LoA	-9,258	-0,017	0,288
CHR3	11234972	CHR3:11234972	SSF x LoA	-9,186	0,008	0,295
CHR3	11234978	CHR3:11234978	SSF x LoA	-9,463	-0,004	0,305
CHR3	11235016	CHR3:11235016	SSF x LoA	-8,252	-0,048	0,290
CHR3	11235027	CHR3:11235027	SSF x LoA	-9,901	0,020	0,287
CHR3	11235042	CHR3:11235042	SSF x LoA	-8,529	0,047	0,285
CHR3	11235049	CHR3:11235049	SSF x LoA	-10,121	0,018	0,304
CHR3	11235065	CHR3:11235065	SSF x LoA	-7,834	0,004	0,301
CHR3	11235092	CHR3:11235092	SSF x LoA	-7,845	-0,063	0,305
CHR3	11235131	CHR3:11235131	SSF x LoA	-11,086	0,043	0,289
CHR3	11235144	CHR3:11235144	SSF x LoA	-9,385	-0,040	0,295
CHR3	11235172	CHR3:11235172	SSF x LoA	-9,308	0,037	0,287
CHR3	11245225	CHR3:11245225	SSF x LoA	-11,775	-0,006	0,285
CHR3	11245226	CHR3:11245226	SSF x LoA	-8,955	-0,070	0,300
CHR3	11247275	CHR3:11247275	SSF x LoA	-8,757	0,107	0,278
CHR3	11247315	CHR3:11247315	SSF x LoA	-9,931	-0,117	0,282
CHR3	1125221	CHR3:1125221	SSF x LoA	-9,766	-0,060	0,289
CHR3	1125375	CHR3:1125375	SSF x LoA	-11,062	0,031	0,281
CHR3	1126410	CHR3:1126410	SSF x LoA	-8,754	-0,006	0,282
CHR3	11290348	CHR3:11290348	SSF x LoA	-9,765	0,039	0,303
CHR3	11290363	CHR3:11290363	SSF x LoA	-9,051	-0,094	0,280
CHR3	11290489	CHR3:11290489	SSF x LoA	-10,485	0,008	0,298
CHR3	11304708	CHR3:11304708	SSF x LoA	-9,763	-0,093	0,295
CHR3	11304817	CHR3:11304817	SSF x LoA	-9,635	-0,079	0,289
CHR3	11305665	CHR3:11305665	SSF x LoA	-7,582	-0,136	0,282
CHR3	11305847	CHR3:11305847	SSF x LoA	-11,126	-0,060	0,281
CHR3	11317836	CHR3:11317836	SSF x LoA	-5,797	-0,002	0,289
CHR3	11317858	CHR3:11317858	SSF x LoA	-9,872	-0,047	0,291
CHR3	11324412	CHR3:11324412	SSF x LoA	-9,275	0,078	0,293
CHR3	11324732	CHR3:11324732	SSF x LoA	-6,221	-0,052	0,292
CHR3	11334884	CHR3:11334884	SSF x LoA	-8,861	0,022	0,296
CHR3	11334891	CHR3:11334891	SSF x LoA	-4,124	0,078	0,285
CHR3	11334909	CHR3:11334909	SSF x LoA	-7,106	-0,096	0,292
CHR3	11334946	CHR3:11334946	SSF x LoA	-7,335	-0,091	0,296
CHR3	11334978	CHR3:11334978	SSF x LoA	-8,092	0,087	0,293
CHR3	11335015	CHR3:11335015	SSF x LoA	-7,951	0,059	0,297
CHR3	11335016	CHR3:11335016	SSF x LoA	-7,505	0,023	0,295
CHR3	11335062	CHR3:11335062	SSF x LoA	-7,414	0,052	0,293
CHR3	11369364	CHR3:11369364	SSF x LoA	-10,594	-0,020	0,290
CHR3	11369379	CHR3:11369379	SSF x LoA	-10,095	-0,011	0,276
CHR3	11369407	CHR3:11369407	SSF x LoA	-6,832	0,172	0,295
CHR3	11369437	CHR3:11369437	SSF x LoA	-6,899	0,045	0,285
CHR3	11369459	CHR3:11369459	SSF x LoA	-7,003	-0,043	0,271
CHR3	1137677	CHR3:1137677	SSF x LoA	-8,119	0,002	0,299
CHR3	1137761	CHR3:1137761	SSF x LoA	-8,048	-0,038	0,292
CHR3	1137791	CHR3:1137791	SSF x LoA	-8,362	-0,053	0,297
CHR3	11378798	CHR3:11378798	SSF x LoA	-9,197	-0,133	0,299
CHR3	11378877	CHR3:11378877	SSF x LoA	-9,158	-0,049	0,298
CHR3	11378887	CHR3:11378887	SSF x LoA	18,642	-0,112	0,281

CHR3	11378908	CHR3:11378908	SSF x LoA	-6,050	-0,071	0,297
CHR3	11378910	CHR3:11378910	SSF x LoA	-7,587	-0,082	0,281
CHR3	11389111	CHR3:11389111	SSF x LoA	-6,687	0,078	0,298
CHR3	11412708	CHR3:11412708	SSF x LoA	-8,855	0,029	0,277
CHR3	11412841	CHR3:11412841	SSF x LoA	-7,946	0,049	0,295
CHR3	11412911	CHR3:11412911	SSF x LoA	-5,440	-0,198	0,287
CHR3	11417672	CHR3:11417672	SSF x LoA	-5,638	-0,169	0,292
CHR3	11417750	CHR3:11417750	SSF x LoA	-5,107	0,138	0,281
CHR3	11417789	CHR3:11417789	SSF x LoA	-6,760	-0,125	0,287
CHR3	11417902	CHR3:11417902	SSF x LoA	-9,883	0,006	0,284
CHR3	11417912	CHR3:11417912	SSF x LoA	-9,771	0,039	0,299
CHR3	11425237	CHR3:11425237	SSF x LoA	-9,229	-0,063	0,292
CHR3	11428829	CHR3:11428829	SSF x LoA	-7,553	0,097	0,291
CHR3	11429038	CHR3:11429038	SSF x LoA	-10,539	0,053	0,296
CHR3	11434786	CHR3:11434786	SSF x LoA	-6,577	0,097	0,289
CHR3	11434795	CHR3:11434795	SSF x LoA	-7,976	0,000	0,302
CHR3	11434831	CHR3:11434831	SSF x LoA	-6,858	-0,105	0,306
CHR3	11434834	CHR3:11434834	SSF x LoA	0,986	0,142	0,299
CHR3	11435010	CHR3:11435010	SSF x LoA	-7,732	0,021	0,293
CHR3	11450075	CHR3:11450075	SSF x LoA	-7,978	-0,089	0,278
CHR3	11502046	CHR3:11502046	SSF x LoA	-8,241	-0,045	0,296
CHR3	11502059	CHR3:11502059	SSF x LoA	-1,499	-0,167	0,294
CHR3	11502237	CHR3:11502237	SSF x LoA	-10,255	-0,004	0,296
CHR3	11506393	CHR3:11506393	SSF x LoA	-9,941	0,043	0,305
CHR3	11506528	CHR3:11506528	SSF x LoA	-7,603	-0,023	0,276
CHR3	11510206	CHR3:11510206	SSF x LoA	-10,432	0,100	0,276
CHR3	11510267	CHR3:11510267	SSF x LoA	-9,218	-0,042	0,287
CHR3	11510312	CHR3:11510312	SSF x LoA	-10,700	0,035	0,294
CHR3	11510337	CHR3:11510337	SSF x LoA	-8,614	0,033	0,298
CHR3	11510415	CHR3:11510415	SSF x LoA	-9,575	-0,070	0,276
CHR3	11510451	CHR3:11510451	SSF x LoA	-8,356	0,073	0,303
CHR3	11518328	CHR3:11518328	SSF x LoA	-9,395	0,031	0,297
CHR3	11518514	CHR3:11518514	SSF x LoA	-8,212	0,152	0,289
CHR3	11518538	CHR3:11518538	SSF x LoA	-9,235	0,036	0,284
CHR3	11545663	CHR3:11545663	SSF x LoA	-5,351	0,216	0,276
CHR3	11545892	CHR3:11545892	SSF x LoA	-6,023	-0,220	0,253
CHR3	11552882	CHR3:11552882	SSF x LoA	-7,804	0,075	0,300
CHR3	11552948	CHR3:11552948	SSF x LoA	-9,243	0,086	0,288
CHR3	11552960	CHR3:11552960	SSF x LoA	-6,112	0,163	0,286
CHR3	11553027	CHR3:11553027	SSF x LoA	-4,963	-0,043	0,300
CHR3	11553044	CHR3:11553044	SSF x LoA	-8,669	-0,057	0,289
CHR3	11553110	CHR3:11553110	SSF x LoA	-7,096	0,182	0,275
CHR3	11560517	CHR3:11560517	SSF x LoA	-5,869	0,165	0,287
CHR3	11560537	CHR3:11560537	SSF x LoA	-9,272	-0,011	0,272
CHR3	11560673	CHR3:11560673	SSF x LoA	-5,274	0,220	0,287
CHR3	11560731	CHR3:11560731	SSF x LoA	-9,204	-0,062	0,279
CHR3	11560749	CHR3:11560749	SSF x LoA	-10,898	-0,016	0,289
CHR3	11560758	CHR3:11560758	SSF x LoA	-3,423	-0,232	0,275
CHR3	11588158	CHR3:11588158	SSF x LoA	-7,703	-0,048	0,302
CHR3	11588159	CHR3:11588159	SSF x LoA	-8,051	-0,015	0,295
CHR3	11609563	CHR3:11609563	SSF x LoA	-9,499	-0,004	0,301
CHR3	11612441	CHR3:11612441	SSF x LoA	-10,501	-0,040	0,287
CHR3	11620073	CHR3:11620073	SSF x LoA	-10,264	0,096	0,287

CHR3	11621057	CHR3:11621057	SSF x LoA	-9,279	0,006	0,300
CHR3	11621090	CHR3:11621090	SSF x LoA	-7,308	-0,038	0,289
CHR3	11621161	CHR3:11621161	SSF x LoA	-5,254	-0,167	0,293
CHR3	11621195	CHR3:11621195	SSF x LoA	-9,660	0,008	0,280
CHR3	11625926	CHR3:11625926	SSF x LoA	-6,658	-0,041	0,289
CHR3	11638905	CHR3:11638905	SSF x LoA	-7,759	0,114	0,296
CHR3	11639266	CHR3:11639266	SSF x LoA	-9,351	0,025	0,281
CHR3	11640996	CHR3:11640996	SSF x LoA	-8,565	0,009	0,274
CHR3	11644955	CHR3:11644955	SSF x LoA	-7,824	0,105	0,285
CHR3	11661237	CHR3:11661237	SSF x LoA	-11,047	0,000	0,287
CHR3	11661296	CHR3:11661296	SSF x LoA	-7,340	-0,062	0,281
CHR3	11661401	CHR3:11661401	SSF x LoA	-8,853	0,030	0,276
CHR3	11664087	CHR3:11664087	SSF x LoA	-8,100	0,068	0,295
CHR3	11672005	CHR3:11672005	SSF x LoA	-8,204	0,108	0,274
CHR3	11672012	CHR3:11672012	SSF x LoA	-7,838	-0,007	0,283
CHR3	11672116	CHR3:11672116	SSF x LoA	-6,190	0,146	0,271
CHR3	11672126	CHR3:11672126	SSF x LoA	-8,206	-0,069	0,260
CHR3	11672408	CHR3:11672408	SSF x LoA	-10,395	-0,088	0,288
CHR3	11698700	CHR3:11698700	SSF x LoA	-6,442	0,102	0,297
CHR3	11698929	CHR3:11698929	SSF x LoA	-7,601	-0,074	0,295
CHR3	11698938	CHR3:11698938	SSF x LoA	-6,858	0,116	0,286
CHR3	11698957	CHR3:11698957	SSF x LoA	-7,874	-0,057	0,288
CHR3	11705042	CHR3:11705042	SSF x LoA	-9,794	0,022	0,296
CHR3	11705083	CHR3:11705083	SSF x LoA	-8,129	0,035	0,298
CHR3	11732146	CHR3:11732146	SSF x LoA	-9,079	0,076	0,300
CHR3	11732303	CHR3:11732303	SSF x LoA	-7,926	0,126	0,281
CHR3	11732347	CHR3:11732347	SSF x LoA	-6,385	-0,102	0,273
CHR3	11741677	CHR3:11741677	SSF x LoA	-9,179	-0,009	0,282
CHR3	11741689	CHR3:11741689	SSF x LoA	-4,074	-0,005	0,272
CHR3	11741727	CHR3:11741727	SSF x LoA	-8,367	-0,059	0,299
CHR3	11741829	CHR3:11741829	SSF x LoA	-7,789	0,020	0,274
CHR3	11741843	CHR3:11741843	SSF x LoA	-8,169	0,067	0,293
CHR3	11741877	CHR3:11741877	SSF x LoA	-9,947	0,035	0,287
CHR3	11744252	CHR3:11744252	SSF x LoA	-8,862	0,097	0,292
CHR3	11744255	CHR3:11744255	SSF x LoA	-7,157	0,100	0,278
CHR3	11744283	CHR3:11744283	SSF x LoA	-9,302	-0,027	0,302
CHR3	11744376	CHR3:11744376	SSF x LoA	-9,267	0,010	0,275
CHR3	11744535	CHR3:11744535	SSF x LoA	-10,607	0,015	0,286
CHR3	11751639	CHR3:11751639	SSF x LoA	-7,494	-0,025	0,302
CHR3	11751692	CHR3:11751692	SSF x LoA	-8,289	-0,055	0,296
CHR3	11770672	CHR3:11770672	SSF x LoA	-11,079	0,036	0,292
CHR3	11770816	CHR3:11770816	SSF x LoA	-5,518	0,095	0,296
CHR3	11770896	CHR3:11770896	SSF x LoA	-8,924	0,040	0,299
CHR3	11770931	CHR3:11770931	SSF x LoA	-10,806	-0,085	0,289
CHR3	11770964	CHR3:11770964	SSF x LoA	-8,329	0,069	0,296
CHR3	11783281	CHR3:11783281	SSF x LoA	-10,368	0,081	0,298
CHR3	11783416	CHR3:11783416	SSF x LoA	-7,747	0,109	0,286
CHR3	11783610	CHR3:11783610	SSF x LoA	-10,733	-0,044	0,285
CHR3	11798802	CHR3:11798802	SSF x LoA	-8,930	-0,031	0,314
CHR3	11798818	CHR3:11798818	SSF x LoA	-7,651	-0,052	0,296
CHR3	11798944	CHR3:11798944	SSF x LoA	-9,799	-0,082	0,298
CHR3	11798965	CHR3:11798965	SSF x LoA	-9,903	-0,006	0,291
CHR3	11798970	CHR3:11798970	SSF x LoA	-11,451	0,011	0,290

CHR3	11799084	CHR3:11799084	SSF x LoA	-8,223	0,044	0,296
CHR3	11799094	CHR3:11799094	SSF x LoA	-3,945	0,011	0,311
CHR3	11799144	CHR3:11799144	SSF x LoA	-10,610	0,065	0,291
CHR3	11802169	CHR3:11802169	SSF x LoA	-7,886	-0,034	0,290
CHR3	11802183	CHR3:11802183	SSF x LoA	-9,982	-0,074	0,276
CHR3	11802194	CHR3:11802194	SSF x LoA	-10,701	-0,053	0,277
CHR3	11802218	CHR3:11802218	SSF x LoA	-10,279	-0,056	0,287
CHR3	11802286	CHR3:11802286	SSF x LoA	-6,041	-0,117	0,296
CHR3	11802386	CHR3:11802386	SSF x LoA	-9,456	-0,031	0,297
CHR3	11809746	CHR3:11809746	SSF x LoA	-9,540	0,031	0,280
CHR3	11809757	CHR3:11809757	SSF x LoA	-7,363	0,107	0,292
CHR3	11809880	CHR3:11809880	SSF x LoA	-10,254	0,018	0,279
CHR3	11811410	CHR3:11811410	SSF x LoA	-10,830	-0,062	0,284
CHR3	11822647	CHR3:11822647	SSF x LoA	-8,876	-0,023	0,281
CHR3	11822673	CHR3:11822673	SSF x LoA	-9,023	0,032	0,299
CHR3	11835602	CHR3:11835602	SSF x LoA	-6,269	0,084	0,282
CHR3	11835878	CHR3:11835878	SSF x LoA	-8,704	-0,046	0,291
CHR3	11835885	CHR3:11835885	SSF x LoA	-7,788	-0,009	0,289
CHR3	11835907	CHR3:11835907	SSF x LoA	-8,016	-0,034	0,293
CHR3	11835943	CHR3:11835943	SSF x LoA	-1,942	0,118	0,293
CHR3	11854856	CHR3:11854856	SSF x LoA	-8,586	-0,010	0,278
CHR3	11872226	CHR3:11872226	SSF x LoA	-5,975	-0,174	0,286
CHR3	11872251	CHR3:11872251	SSF x LoA	-7,868	-0,088	0,288
CHR3	11872311	CHR3:11872311	SSF x LoA	-7,311	0,144	0,299
CHR3	11872345	CHR3:11872345	SSF x LoA	-7,112	-0,063	0,300
CHR3	11881562	CHR3:11881562	SSF x LoA	-7,620	0,046	0,282
CHR3	11881593	CHR3:11881593	SSF x LoA	-6,616	-0,004	0,297
CHR3	11881715	CHR3:11881715	SSF x LoA	-6,367	-0,144	0,284
CHR3	1188447	CHR3:1188447	SSF x LoA	-9,021	-0,109	0,300
CHR3	11889582	CHR3:11889582	SSF x LoA	-8,860	0,046	0,284
CHR3	11889593	CHR3:11889593	SSF x LoA	-8,993	-0,016	0,299
CHR3	11889723	CHR3:11889723	SSF x LoA	-9,605	-0,041	0,291
CHR3	11905890	CHR3:11905890	SSF x LoA	-1,384	0,205	0,288
CHR3	11905966	CHR3:11905966	SSF x LoA	-8,340	-0,012	0,299
CHR3	11906009	CHR3:11906009	SSF x LoA	-8,240	0,025	0,286
CHR3	11906018	CHR3:11906018	SSF x LoA	-7,436	-0,014	0,281
CHR3	11923605	CHR3:11923605	SSF x LoA	-9,972	-0,100	0,291
CHR3	11923733	CHR3:11923733	SSF x LoA	-8,586	-0,033	0,278
CHR3	11923774	CHR3:11923774	SSF x LoA	-9,287	0,127	0,293
CHR3	11923783	CHR3:11923783	SSF x LoA	-4,528	-0,140	0,283
CHR3	11923814	CHR3:11923814	SSF x LoA	-7,763	-0,051	0,290
CHR3	11927870	CHR3:11927870	SSF x LoA	-7,789	-0,150	0,283
CHR3	11928340	CHR3:11928340	SSF x LoA	-8,606	-0,023	0,288
CHR3	11928389	CHR3:11928389	SSF x LoA	-9,114	-0,026	0,286
CHR3	1195618	CHR3:1195618	SSF x LoA	-11,242	0,073	0,287
CHR3	1195621	CHR3:1195621	SSF x LoA	-9,182	0,045	0,302
CHR3	1195622	CHR3:1195622	SSF x LoA	-9,689	0,067	0,293
CHR3	11966755	CHR3:11966755	SSF x LoA	-7,312	0,159	0,285
CHR3	11966763	CHR3:11966763	SSF x LoA	-6,747	0,146	0,277
CHR3	11966884	CHR3:11966884	SSF x LoA	-6,342	0,018	0,289
CHR3	11971241	CHR3:11971241	SSF x LoA	-7,842	-0,112	0,285
CHR3	11971262	CHR3:11971262	SSF x LoA	-11,591	-0,014	0,278
CHR3	11973470	CHR3:11973470	SSF x LoA	-5,322	-0,114	0,295

CHR3	11980248	CHR3:11980248	SSF x LoA	-7,871	0,014	0,293
CHR3	11980294	CHR3:11980294	SSF x LoA	-8,021	-0,164	0,282
CHR3	11984216	CHR3:11984216	SSF x LoA	-10,168	-0,039	0,276
CHR3	11984361	CHR3:11984361	SSF x LoA	-8,807	-0,105	0,282
CHR3	11985722	CHR3:11985722	SSF x LoA	-12,072	-0,027	0,281
CHR3	11985749	CHR3:11985749	SSF x LoA	-8,767	0,126	0,276
CHR3	11985903	CHR3:11985903	SSF x LoA	-9,669	0,026	0,277
CHR3	11988182	CHR3:11988182	SSF x LoA	-7,790	0,085	0,274
CHR3	11988223	CHR3:11988223	SSF x LoA	-8,091	0,035	0,307
CHR3	11999322	CHR3:11999322	SSF x LoA	-8,208	0,028	0,295
CHR3	11999357	CHR3:11999357	SSF x LoA	-8,232	0,013	0,304
CHR3	11999471	CHR3:11999471	SSF x LoA	-10,458	-0,035	0,287
CHR3	11999496	CHR3:11999496	SSF x LoA	-10,471	0,101	0,289
CHR3	11999525	CHR3:11999525	SSF x LoA	-8,001	-0,050	0,287
CHR3	11999550	CHR3:11999550	SSF x LoA	-10,792	-0,059	0,287
CHR3	12001997	CHR3:12001997	SSF x LoA	-9,470	-0,043	0,291
CHR3	12002126	CHR3:12002126	SSF x LoA	-10,237	-0,060	0,281
CHR3	12011211	CHR3:12011211	SSF x LoA	-4,806	-0,037	0,296
CHR3	12011216	CHR3:12011216	SSF x LoA	-5,501	0,127	0,300
CHR3	12011299	CHR3:12011299	SSF x LoA	-8,092	0,101	0,287
CHR3	12011438	CHR3:12011438	SSF x LoA	-8,927	0,038	0,278
CHR3	12011439	CHR3:12011439	SSF x LoA	-7,808	-0,102	0,291
CHR3	12011550	CHR3:12011550	SSF x LoA	-11,635	0,022	0,288
CHR3	12019233	CHR3:12019233	SSF x LoA	-10,009	-0,064	0,285
CHR3	12026548	CHR3:12026548	SSF x LoA	-6,931	0,217	0,289
CHR3	12030398	CHR3:12030398	SSF x LoA	-9,394	0,018	0,304
CHR3	12033935	CHR3:12033935	SSF x LoA	-9,153	0,004	0,295
CHR3	12033993	CHR3:12033993	SSF x LoA	-8,467	0,045	0,282
CHR3	12034002	CHR3:12034002	SSF x LoA	-7,881	-0,061	0,296
CHR3	12034013	CHR3:12034013	SSF x LoA	-7,943	-0,136	0,294
CHR3	12034038	CHR3:12034038	SSF x LoA	-10,443	0,010	0,283
CHR3	12034073	CHR3:12034073	SSF x LoA	-5,911	0,122	0,308
CHR3	12034145	CHR3:12034145	SSF x LoA	-9,939	-0,110	0,286
CHR3	12049298	CHR3:12049298	SSF x LoA	-9,531	-0,009	0,266
CHR3	12049618	CHR3:12049618	SSF x LoA	-4,548	0,174	0,272
CHR3	12065416	CHR3:12065416	SSF x LoA	-10,840	0,038	0,279
CHR3	12065480	CHR3:12065480	SSF x LoA	-11,173	-0,020	0,287
CHR3	12065602	CHR3:12065602	SSF x LoA	-4,098	-0,280	0,259
CHR3	12065612	CHR3:12065612	SSF x LoA	-11,294	0,038	0,290
CHR3	12065626	CHR3:12065626	SSF x LoA	-11,575	0,039	0,280
CHR3	12065757	CHR3:12065757	SSF x LoA	-10,203	-0,005	0,291
CHR3	12087019	CHR3:12087019	SSF x LoA	-9,420	0,104	0,287
CHR3	12087135	CHR3:12087135	SSF x LoA	-9,168	-0,029	0,302
CHR3	12097647	CHR3:12097647	SSF x LoA	-7,780	-0,047	0,292
CHR3	12100527	CHR3:12100527	SSF x LoA	-10,147	-0,054	0,311
CHR3	12100536	CHR3:12100536	SSF x LoA	-9,322	-0,001	0,303
CHR3	12109110	CHR3:12109110	SSF x LoA	-8,686	-0,101	0,288
CHR3	12109153	CHR3:12109153	SSF x LoA	-8,704	-0,099	0,271
CHR3	12109171	CHR3:12109171	SSF x LoA	-7,877	-0,086	0,298
CHR3	12109294	CHR3:12109294	SSF x LoA	-10,851	0,017	0,290
CHR3	12109315	CHR3:12109315	SSF x LoA	-4,585	0,140	0,289
CHR3	12109333	CHR3:12109333	SSF x LoA	-8,563	-0,044	0,290
CHR3	12125354	CHR3:12125354	SSF x LoA	-11,676	-0,017	0,291

CHR3	12136854	CHR3:12136854	SSF x LoA	-9,491	0,000	0,274
CHR3	12136884	CHR3:12136884	SSF x LoA	-9,336	-0,041	0,282
CHR3	12138670	CHR3:12138670	SSF x LoA	-8,495	-0,077	0,277
CHR3	12138740	CHR3:12138740	SSF x LoA	-8,544	0,017	0,293
CHR3	12138749	CHR3:12138749	SSF x LoA	-7,373	0,058	0,280
CHR3	12138805	CHR3:12138805	SSF x LoA	-6,840	-0,042	0,289
CHR3	12147958	CHR3:12147958	SSF x LoA	-8,481	0,061	0,289
CHR3	12147979	CHR3:12147979	SSF x LoA	-9,649	-0,073	0,283
CHR3	12147998	CHR3:12147998	SSF x LoA	-9,656	-0,061	0,294
CHR3	12148081	CHR3:12148081	SSF x LoA	-9,088	0,047	0,295
CHR3	12148100	CHR3:12148100	SSF x LoA	-7,366	-0,040	0,304
CHR3	12148106	CHR3:12148106	SSF x LoA	-6,980	-0,098	0,293
CHR3	12172106	CHR3:12172106	SSF x LoA	-8,311	0,058	0,295
CHR3	12172271	CHR3:12172271	SSF x LoA	-7,693	0,019	0,299
CHR3	12172342	CHR3:12172342	SSF x LoA	-10,362	-0,035	0,302
CHR3	12194142	CHR3:12194142	SSF x LoA	-9,769	0,028	0,299
CHR3	12194157	CHR3:12194157	SSF x LoA	-6,456	0,030	0,295
CHR3	12194280	CHR3:12194280	SSF x LoA	-8,343	0,050	0,303
CHR3	12194297	CHR3:12194297	SSF x LoA	-8,497	0,103	0,304
CHR3	12197650	CHR3:12197650	SSF x LoA	-5,211	0,146	0,300
CHR3	12197695	CHR3:12197695	SSF x LoA	-10,328	-0,100	0,280
CHR3	12197978	CHR3:12197978	SSF x LoA	-7,108	0,081	0,288
CHR3	12214641	CHR3:12214641	SSF x LoA	-7,785	0,020	0,302
CHR3	12220930	CHR3:12220930	SSF x LoA	-8,086	0,056	0,297
CHR3	12221049	CHR3:12221049	SSF x LoA	-8,061	0,058	0,290
CHR3	12221109	CHR3:12221109	SSF x LoA	-8,166	0,012	0,288
CHR3	12221121	CHR3:12221121	SSF x LoA	-4,155	-0,023	0,282
CHR3	12232655	CHR3:12232655	SSF x LoA	-7,512	0,063	0,294
CHR3	12232669	CHR3:12232669	SSF x LoA	-6,957	0,101	0,282
CHR3	12232731	CHR3:12232731	SSF x LoA	-8,066	0,070	0,288
CHR3	12232760	CHR3:12232760	SSF x LoA	-10,587	0,029	0,302
CHR3	12232802	CHR3:12232802	SSF x LoA	-6,426	0,074	0,306
CHR3	12232885	CHR3:12232885	SSF x LoA	-8,101	0,029	0,296
CHR3	12257775	CHR3:12257775	SSF x LoA	-2,499	0,249	0,272
CHR3	12257817	CHR3:12257817	SSF x LoA	-9,631	-0,093	0,280
CHR3	12265896	CHR3:12265896	SSF x LoA	-7,726	0,140	0,283
CHR3	1227829	CHR3:1227829	SSF x LoA	-9,313	-0,015	0,282
CHR3	1227856	CHR3:1227856	SSF x LoA	-9,097	-0,032	0,284
CHR3	1227884	CHR3:1227884	SSF x LoA	-7,996	0,100	0,276
CHR3	1228024	CHR3:1228024	SSF x LoA	-6,968	0,140	0,272
CHR3	1228025	CHR3:1228025	SSF x LoA	5,939	0,073	0,293
CHR3	1228028	CHR3:1228028	SSF x LoA	-5,547	0,040	0,294
CHR3	1228106	CHR3:1228106	SSF x LoA	-5,129	0,067	0,299
CHR3	1228198	CHR3:1228198	SSF x LoA	-8,938	0,040	0,271
CHR3	1229046	CHR3:1229046	SSF x LoA	-6,847	0,033	0,287
CHR3	1229067	CHR3:1229067	SSF x LoA	-8,624	-0,007	0,276
CHR3	1229174	CHR3:1229174	SSF x LoA	-6,946	-0,113	0,278
CHR3	1229548	CHR3:1229548	SSF x LoA	-6,287	-0,031	0,285
CHR3	12296557	CHR3:12296557	SSF x LoA	-11,152	-0,002	0,293
CHR3	12296585	CHR3:12296585	SSF x LoA	-10,198	-0,024	0,285
CHR3	12316732	CHR3:12316732	SSF x LoA	-9,424	-0,004	0,282
CHR3	12316927	CHR3:12316927	SSF x LoA	-5,855	0,183	0,285
CHR3	12317026	CHR3:12317026	SSF x LoA	-7,517	-0,045	0,293

CHR3	12317089	CHR3:12317089	SSF x LoA	-8,573	-0,070	0,298
CHR3	12320235	CHR3:12320235	SSF x LoA	-8,570	-0,054	0,298
CHR3	12320265	CHR3:12320265	SSF x LoA	-9,131	0,026	0,287
CHR3	12326108	CHR3:12326108	SSF x LoA	-6,869	-0,015	0,305
CHR3	12326112	CHR3:12326112	SSF x LoA	-10,233	0,021	0,294
CHR3	12326216	CHR3:12326216	SSF x LoA	-8,888	0,136	0,301
CHR3	12336937	CHR3:12336937	SSF x LoA	-9,900	-0,015	0,297
CHR3	12360579	CHR3:12360579	SSF x LoA	-6,015	0,167	0,278
CHR3	12360580	CHR3:12360580	SSF x LoA	-1,068	-0,144	0,291
CHR3	12360636	CHR3:12360636	SSF x LoA	-8,492	0,006	0,303
CHR3	12360654	CHR3:12360654	SSF x LoA	-7,071	0,007	0,291
CHR3	12360766	CHR3:12360766	SSF x LoA	-9,293	0,031	0,306
CHR3	12360773	CHR3:12360773	SSF x LoA	-10,302	-0,062	0,292
CHR3	12401202	CHR3:12401202	SSF x LoA	-9,887	-0,037	0,287
CHR3	12401273	CHR3:12401273	SSF x LoA	-5,840	-0,069	0,289
CHR3	12401383	CHR3:12401383	SSF x LoA	-8,053	0,150	0,278
CHR3	12401385	CHR3:12401385	SSF x LoA	-7,300	0,154	0,288
CHR3	12403958	CHR3:12403958	SSF x LoA	-9,727	0,135	0,288
CHR3	12405007	CHR3:12405007	SSF x LoA	-11,180	0,015	0,293
CHR3	12410935	CHR3:12410935	SSF x LoA	-8,201	0,043	0,291
CHR3	12410993	CHR3:12410993	SSF x LoA	-7,497	-0,142	0,289
CHR3	12410999	CHR3:12410999	SSF x LoA	-8,025	-0,182	0,274
CHR3	12411059	CHR3:12411059	SSF x LoA	-7,236	-0,057	0,287
CHR3	12411060	CHR3:12411060	SSF x LoA	-7,284	0,092	0,303
CHR3	12411065	CHR3:12411065	SSF x LoA	-5,877	0,160	0,317
CHR3	12411099	CHR3:12411099	SSF x LoA	-7,171	0,147	0,289
CHR3	12411172	CHR3:12411172	SSF x LoA	-2,999	-0,092	0,286
CHR3	12420832	CHR3:12420832	SSF x LoA	-9,192	-0,099	0,291
CHR3	12423528	CHR3:12423528	SSF x LoA	-9,750	-0,140	0,280
CHR3	12423588	CHR3:12423588	SSF x LoA	-9,182	0,049	0,290
CHR3	12423605	CHR3:12423605	SSF x LoA	-8,645	0,033	0,310
CHR3	12423651	CHR3:12423651	SSF x LoA	-10,706	-0,025	0,295
CHR3	12423656	CHR3:12423656	SSF x LoA	-9,312	-0,020	0,297
CHR3	12423728	CHR3:12423728	SSF x LoA	-8,186	0,016	0,285
CHR3	12423776	CHR3:12423776	SSF x LoA	-3,637	0,051	0,309
CHR3	12465875	CHR3:12465875	SSF x LoA	-6,552	-0,021	0,299
CHR3	12465967	CHR3:12465967	SSF x LoA	-8,729	0,036	0,279
CHR3	12482762	CHR3:12482762	SSF x LoA	-8,889	-0,107	0,297
CHR3	12482782	CHR3:12482782	SSF x LoA	-8,600	0,139	0,283
CHR3	12482794	CHR3:12482794	SSF x LoA	-9,355	-0,013	0,277
CHR3	12482831	CHR3:12482831	SSF x LoA	-9,082	-0,020	0,290
CHR3	12487731	CHR3:12487731	SSF x LoA	-4,620	0,183	0,281
CHR3	12487836	CHR3:12487836	SSF x LoA	-8,634	-0,159	0,276
CHR3	12487871	CHR3:12487871	SSF x LoA	-5,602	-0,148	0,288
CHR3	12487877	CHR3:12487877	SSF x LoA	-9,423	0,039	0,300
CHR3	12487917	CHR3:12487917	SSF x LoA	-8,702	-0,146	0,289
CHR3	12487954	CHR3:12487954	SSF x LoA	-8,810	-0,071	0,281
CHR3	12487990	CHR3:12487990	SSF x LoA	-7,448	-0,159	0,277
CHR3	12496023	CHR3:12496023	SSF x LoA	-10,828	0,001	0,270
CHR3	12496211	CHR3:12496211	SSF x LoA	-10,672	-0,059	0,294
CHR3	12498045	CHR3:12498045	SSF x LoA	-9,206	-0,050	0,287
CHR3	12501175	CHR3:12501175	SSF x LoA	-9,766	0,059	0,289
CHR3	12502320	CHR3:12502320	SSF x LoA	-7,585	0,043	0,307

CHR3	12502339	CHR3:12502339	SSF x LoA	-10,234	-0,069	0,287
CHR3	12502363	CHR3:12502363	SSF x LoA	-9,957	-0,035	0,307
CHR3	12502509	CHR3:12502509	SSF x LoA	-6,601	0,086	0,298
CHR3	12504275	CHR3:12504275	SSF x LoA	-9,400	0,112	0,277
CHR3	12504418	CHR3:12504418	SSF x LoA	-8,507	0,045	0,299
CHR3	12504489	CHR3:12504489	SSF x LoA	-8,969	0,030	0,307
CHR3	12505276	CHR3:12505276	SSF x LoA	-10,057	-0,128	0,290
CHR3	12505337	CHR3:12505337	SSF x LoA	-7,316	0,101	0,285
CHR3	12505386	CHR3:12505386	SSF x LoA	-8,428	-0,071	0,291
CHR3	12537013	CHR3:12537013	SSF x LoA	-1,744	-0,117	0,287
CHR3	12548038	CHR3:12548038	SSF x LoA	-9,137	-0,156	0,277
CHR3	12548146	CHR3:12548146	SSF x LoA	-10,629	0,033	0,293
CHR3	12548189	CHR3:12548189	SSF x LoA	-8,235	-0,104	0,290
CHR3	12548221	CHR3:12548221	SSF x LoA	-10,072	0,032	0,284
CHR3	12548339	CHR3:12548339	SSF x LoA	-10,681	0,032	0,282
CHR3	1255594	CHR3:1255594	SSF x LoA	-11,100	-0,030	0,291
CHR3	1255675	CHR3:1255675	SSF x LoA	-10,672	-0,028	0,281
CHR3	1258466	CHR3:1258466	SSF x LoA	0,494	-0,144	0,279
CHR3	12595284	CHR3:12595284	SSF x LoA	-9,746	-0,120	0,289
CHR3	12595320	CHR3:12595320	SSF x LoA	-9,613	0,029	0,293
CHR3	12595340	CHR3:12595340	SSF x LoA	-9,062	-0,130	0,287
CHR3	12595892	CHR3:12595892	SSF x LoA	-9,216	0,015	0,293
CHR3	12595958	CHR3:12595958	SSF x LoA	-4,786	0,128	0,276
CHR3	12604891	CHR3:12604891	SSF x LoA	-8,277	-0,042	0,286
CHR3	12604905	CHR3:12604905	SSF x LoA	-8,773	0,066	0,296
CHR3	12604940	CHR3:12604940	SSF x LoA	-6,983	0,081	0,289
CHR3	12604976	CHR3:12604976	SSF x LoA	-7,237	0,097	0,292
CHR3	12604995	CHR3:12604995	SSF x LoA	-7,407	0,065	0,290
CHR3	12605011	CHR3:12605011	SSF x LoA	-8,300	0,060	0,288
CHR3	12605105	CHR3:12605105	SSF x LoA	-5,257	-0,174	0,279
CHR3	12631028	CHR3:12631028	SSF x LoA	-7,472	0,127	0,275
CHR3	12633682	CHR3:12633682	SSF x LoA	-7,978	-0,067	0,273
CHR3	12633685	CHR3:12633685	SSF x LoA	-5,591	-0,125	0,266
CHR3	12633693	CHR3:12633693	SSF x LoA	-1,614	-0,122	0,274
CHR3	12633719	CHR3:12633719	SSF x LoA	-9,045	-0,099	0,278
CHR3	12634961	CHR3:12634961	SSF x LoA	-1,613	0,116	0,288
CHR3	12635027	CHR3:12635027	SSF x LoA	-10,071	-0,131	0,281
CHR3	1266603	CHR3:1266603	SSF x LoA	-9,655	0,000	0,271
CHR3	1266850	CHR3:1266850	SSF x LoA	-8,203	-0,029	0,285
CHR3	1266897	CHR3:1266897	SSF x LoA	-5,560	-0,075	0,289
CHR3	12669163	CHR3:12669163	SSF x LoA	-8,778	-0,087	0,290
CHR3	12669172	CHR3:12669172	SSF x LoA	-6,207	-0,151	0,288
CHR3	12673889	CHR3:12673889	SSF x LoA	-8,666	0,067	0,290
CHR3	12682078	CHR3:12682078	SSF x LoA	-9,097	-0,043	0,295
CHR3	12682087	CHR3:12682087	SSF x LoA	-8,792	-0,038	0,291
CHR3	12682125	CHR3:12682125	SSF x LoA	-8,800	0,027	0,290
CHR3	12696955	CHR3:12696955	SSF x LoA	-10,986	-0,041	0,292
CHR3	12699360	CHR3:12699360	SSF x LoA	-9,718	-0,048	0,312
CHR3	12699397	CHR3:12699397	SSF x LoA	-7,044	-0,102	0,284
CHR3	12699470	CHR3:12699470	SSF x LoA	-4,893	-0,086	0,277
CHR3	12732099	CHR3:12732099	SSF x LoA	-7,250	-0,022	0,297
CHR3	12735552	CHR3:12735552	SSF x LoA	-9,835	-0,093	0,287
CHR3	12735867	CHR3:12735867	SSF x LoA	-7,342	0,033	0,291

CHR3	12739837	CHR3:12739837	SSF x LoA	-5,301	0,048	0,296
CHR3	12742450	CHR3:12742450	SSF x LoA	-3,431	-0,163	0,300
CHR3	12767505	CHR3:12767505	SSF x LoA	-10,366	0,019	0,276
CHR3	12767600	CHR3:12767600	SSF x LoA	-8,626	-0,041	0,290
CHR3	12767689	CHR3:12767689	SSF x LoA	-8,539	-0,013	0,289
CHR3	12767697	CHR3:12767697	SSF x LoA	-7,510	-0,042	0,283
CHR3	12767737	CHR3:12767737	SSF x LoA	-8,007	-0,025	0,308
CHR3	12780622	CHR3:12780622	SSF x LoA	-6,651	0,121	0,292
CHR3	12780714	CHR3:12780714	SSF x LoA	-7,844	-0,006	0,300
CHR3	12780766	CHR3:12780766	SSF x LoA	-6,861	0,060	0,296
CHR3	12780931	CHR3:12780931	SSF x LoA	-8,313	0,039	0,292
CHR3	12783168	CHR3:12783168	SSF x LoA	-9,176	0,152	0,272
CHR3	12783267	CHR3:12783267	SSF x LoA	-7,325	-0,016	0,301
CHR3	12783311	CHR3:12783311	SSF x LoA	-8,489	0,113	0,284
CHR3	12783339	CHR3:12783339	SSF x LoA	-9,379	0,073	0,299
CHR3	12790279	CHR3:12790279	SSF x LoA	-8,330	-0,080	0,287
CHR3	12790282	CHR3:12790282	SSF x LoA	-9,461	-0,042	0,270
CHR3	12790315	CHR3:12790315	SSF x LoA	-9,480	-0,013	0,279
CHR3	12790354	CHR3:12790354	SSF x LoA	-7,757	-0,167	0,275
CHR3	12790392	CHR3:12790392	SSF x LoA	-0,658	0,126	0,279
CHR3	12790438	CHR3:12790438	SSF x LoA	-8,124	-0,109	0,302
CHR3	12794087	CHR3:12794087	SSF x LoA	-9,306	-0,063	0,309
CHR3	12794142	CHR3:12794142	SSF x LoA	-7,955	0,026	0,297
CHR3	12794236	CHR3:12794236	SSF x LoA	-9,420	0,018	0,293
CHR3	12800889	CHR3:12800889	SSF x LoA	-8,747	0,070	0,283
CHR3	1281179	CHR3:1281179	SSF x LoA	-9,678	0,090	0,294
CHR3	1281300	CHR3:1281300	SSF x LoA	-9,482	-0,144	0,286
CHR3	12818606	CHR3:12818606	SSF x LoA	-6,755	0,064	0,290
CHR3	12818619	CHR3:12818619	SSF x LoA	-9,339	0,043	0,291
CHR3	12818644	CHR3:12818644	SSF x LoA	-10,934	0,067	0,294
CHR3	12818659	CHR3:12818659	SSF x LoA	-3,464	0,047	0,283
CHR3	12818678	CHR3:12818678	SSF x LoA	-7,887	0,160	0,288
CHR3	12819129	CHR3:12819129	SSF x LoA	-9,287	0,023	0,269
CHR3	12819203	CHR3:12819203	SSF x LoA	-9,706	0,009	0,282
CHR3	12826619	CHR3:12826619	SSF x LoA	-10,137	0,060	0,295
CHR3	12826630	CHR3:12826630	SSF x LoA	-10,216	0,042	0,294
CHR3	12826706	CHR3:12826706	SSF x LoA	-10,609	0,037	0,297
CHR3	12826754	CHR3:12826754	SSF x LoA	-9,376	0,004	0,291
CHR3	12826759	CHR3:12826759	SSF x LoA	-8,359	-0,011	0,300
CHR3	12826804	CHR3:12826804	SSF x LoA	-9,437	0,091	0,283
CHR3	12826810	CHR3:12826810	SSF x LoA	-5,517	-0,113	0,292
CHR3	12828571	CHR3:12828571	SSF x LoA	-7,301	-0,113	0,275
CHR3	12828577	CHR3:12828577	SSF x LoA	-5,478	0,190	0,281
CHR3	12828603	CHR3:12828603	SSF x LoA	-7,948	0,117	0,288
CHR3	12833101	CHR3:12833101	SSF x LoA	-6,284	-0,071	0,290
CHR3	12833107	CHR3:12833107	SSF x LoA	-7,945	-0,009	0,304
CHR3	12833118	CHR3:12833118	SSF x LoA	-8,559	0,001	0,290
CHR3	12833138	CHR3:12833138	SSF x LoA	-8,481	0,053	0,288
CHR3	12833155	CHR3:12833155	SSF x LoA	-7,289	-0,002	0,290
CHR3	1283438	CHR3:1283438	SSF x LoA	-7,013	0,075	0,295
CHR3	1283595	CHR3:1283595	SSF x LoA	-9,935	0,026	0,296
CHR3	12836157	CHR3:12836157	SSF x LoA	-11,221	-0,018	0,287
CHR3	12836308	CHR3:12836308	SSF x LoA	-8,954	0,111	0,283

CHR3	12836316	CHR3:12836316	SSF x LoA	-6,332	0,112	0,293
CHR3	12836390	CHR3:12836390	SSF x LoA	-9,530	-0,144	0,276
CHR3	12836463	CHR3:12836463	SSF x LoA	-10,905	-0,052	0,282
CHR3	12836507	CHR3:12836507	SSF x LoA	-6,320	0,117	0,296
CHR3	12844055	CHR3:12844055	SSF x LoA	-11,449	0,066	0,276
CHR3	12844070	CHR3:12844070	SSF x LoA	-10,238	0,063	0,288
CHR3	12844158	CHR3:12844158	SSF x LoA	-4,174	-0,216	0,286
CHR3	12848069	CHR3:12848069	SSF x LoA	-6,785	0,035	0,283
CHR3	12848072	CHR3:12848072	SSF x LoA	-8,605	0,030	0,292
CHR3	12848074	CHR3:12848074	SSF x LoA	-10,754	-0,007	0,289
CHR3	12848089	CHR3:12848089	SSF x LoA	-8,187	-0,106	0,268
CHR3	12848151	CHR3:12848151	SSF x LoA	-5,249	-0,040	0,301
CHR3	12848152	CHR3:12848152	SSF x LoA	-6,241	-0,130	0,281
CHR3	12848160	CHR3:12848160	SSF x LoA	-5,741	0,099	0,287
CHR3	12848173	CHR3:12848173	SSF x LoA	-6,713	-0,123	0,294
CHR3	12848234	CHR3:12848234	SSF x LoA	-4,725	-0,068	0,275
CHR3	12848249	CHR3:12848249	SSF x LoA	-11,478	-0,031	0,277
CHR3	12848291	CHR3:12848291	SSF x LoA	-7,718	0,033	0,302
CHR3	12848307	CHR3:12848307	SSF x LoA	-9,426	-0,022	0,297
CHR3	12848345	CHR3:12848345	SSF x LoA	-10,466	-0,077	0,293
CHR3	12848347	CHR3:12848347	SSF x LoA	-9,910	-0,077	0,291
CHR3	12848421	CHR3:12848421	SSF x LoA	-6,568	-0,138	0,291
CHR3	12859516	CHR3:12859516	SSF x LoA	-8,054	0,078	0,289
CHR3	12859538	CHR3:12859538	SSF x LoA	-8,782	0,029	0,288
CHR3	12885239	CHR3:12885239	SSF x LoA	-8,425	0,052	0,289
CHR3	12885287	CHR3:12885287	SSF x LoA	-8,136	-0,024	0,290
CHR3	12885344	CHR3:12885344	SSF x LoA	-7,207	-0,122	0,289
CHR3	12885370	CHR3:12885370	SSF x LoA	-10,791	0,044	0,286
CHR3	12885415	CHR3:12885415	SSF x LoA	-8,066	0,069	0,288
CHR3	12948661	CHR3:12948661	SSF x LoA	-8,896	-0,068	0,289
CHR3	12955036	CHR3:12955036	SSF x LoA	-9,434	0,062	0,299
CHR3	12961422	CHR3:12961422	SSF x LoA	-8,953	0,022	0,274
CHR3	12961433	CHR3:12961433	SSF x LoA	-3,924	0,105	0,301
CHR3	12961443	CHR3:12961443	SSF x LoA	-11,008	-0,010	0,281
CHR3	12961510	CHR3:12961510	SSF x LoA	-10,018	-0,013	0,289
CHR3	12961575	CHR3:12961575	SSF x LoA	-8,520	0,012	0,285
CHR3	13001466	CHR3:13001466	SSF x LoA	-8,233	0,092	0,291
CHR3	13001486	CHR3:13001486	SSF x LoA	-9,383	-0,004	0,310
CHR3	13001495	CHR3:13001495	SSF x LoA	-5,583	-0,035	0,307
CHR3	13001501	CHR3:13001501	SSF x LoA	-6,793	-0,025	0,305
CHR3	13001509	CHR3:13001509	SSF x LoA	-10,167	-0,038	0,290
CHR3	13001511	CHR3:13001511	SSF x LoA	-9,462	0,056	0,293
CHR3	13001512	CHR3:13001512	SSF x LoA	-9,269	0,062	0,295
CHR3	13001582	CHR3:13001582	SSF x LoA	-9,941	-0,025	0,284
CHR3	13001589	CHR3:13001589	SSF x LoA	-8,399	-0,023	0,285
CHR3	13001593	CHR3:13001593	SSF x LoA	-10,090	-0,037	0,288
CHR3	13001624	CHR3:13001624	SSF x LoA	-6,921	0,122	0,293
CHR3	13021912	CHR3:13021912	SSF x LoA	-7,283	0,199	0,281
CHR3	13022122	CHR3:13022122	SSF x LoA	-7,315	-0,008	0,294
CHR3	13040976	CHR3:13040976	SSF x LoA	-11,031	-0,031	0,286
CHR3	13040990	CHR3:13040990	SSF x LoA	-6,696	-0,007	0,296
CHR3	13041006	CHR3:13041006	SSF x LoA	-9,230	0,014	0,302
CHR3	13041015	CHR3:13041015	SSF x LoA	-10,439	-0,069	0,294

CHR3	13041099	CHR3:13041099	SSF x LoA	-7,798	0,025	0,293
CHR3	13048404	CHR3:13048404	SSF x LoA	-5,587	0,107	0,307
CHR3	13048475	CHR3:13048475	SSF x LoA	-10,414	-0,002	0,284
CHR3	13048482	CHR3:13048482	SSF x LoA	2,192	0,114	0,282
CHR3	13048547	CHR3:13048547	SSF x LoA	-8,285	-0,022	0,292
CHR3	13048575	CHR3:13048575	SSF x LoA	-10,854	0,024	0,274
CHR3	13056146	CHR3:13056146	SSF x LoA	-8,537	-0,034	0,271
CHR3	13056165	CHR3:13056165	SSF x LoA	-8,111	-0,016	0,289
CHR3	13062178	CHR3:13062178	SSF x LoA	-8,915	0,052	0,290
CHR3	13071806	CHR3:13071806	SSF x LoA	-2,604	-0,053	0,291
CHR3	13071888	CHR3:13071888	SSF x LoA	-3,324	0,220	0,272
CHR3	13086431	CHR3:13086431	SSF x LoA	-8,442	-0,061	0,298
CHR3	13086477	CHR3:13086477	SSF x LoA	-7,816	0,091	0,285
CHR3	13087473	CHR3:13087473	SSF x LoA	-7,274	0,091	0,287
CHR3	13087615	CHR3:13087615	SSF x LoA	-8,046	-0,143	0,279
CHR3	13087815	CHR3:13087815	SSF x LoA	-7,203	-0,056	0,290
CHR3	13098289	CHR3:13098289	SSF x LoA	-11,112	-0,062	0,295
CHR3	13101430	CHR3:13101430	SSF x LoA	-9,958	-0,071	0,282
CHR3	13101445	CHR3:13101445	SSF x LoA	-8,668	-0,060	0,292
CHR3	13101776	CHR3:13101776	SSF x LoA	-10,639	0,042	0,290
CHR3	13101804	CHR3:13101804	SSF x LoA	-7,427	0,077	0,288
CHR3	13109027	CHR3:13109027	SSF x LoA	-7,700	-0,030	0,295
CHR3	13134115	CHR3:13134115	SSF x LoA	-8,361	0,000	0,287
CHR3	13134161	CHR3:13134161	SSF x LoA	-9,747	0,026	0,289
CHR3	13137053	CHR3:13137053	SSF x LoA	-8,838	0,051	0,306
CHR3	13137136	CHR3:13137136	SSF x LoA	-9,136	0,097	0,291
CHR3	13173111	CHR3:13173111	SSF x LoA	-9,549	0,059	0,288
CHR3	13173197	CHR3:13173197	SSF x LoA	-8,135	0,038	0,302
CHR3	13173396	CHR3:13173396	SSF x LoA	-9,558	0,051	0,283
CHR3	13173401	CHR3:13173401	SSF x LoA	-7,856	-0,083	0,287
CHR3	13173408	CHR3:13173408	SSF x LoA	-8,701	0,033	0,298
CHR3	13175445	CHR3:13175445	SSF x LoA	-9,966	0,114	0,292
CHR3	13175464	CHR3:13175464	SSF x LoA	-10,049	-0,029	0,277
CHR3	13175545	CHR3:13175545	SSF x LoA	-8,918	0,040	0,301
CHR3	13175558	CHR3:13175558	SSF x LoA	-10,185	0,015	0,280
CHR3	13187961	CHR3:13187961	SSF x LoA	-9,434	-0,051	0,284
CHR3	13188066	CHR3:13188066	SSF x LoA	-10,280	-0,002	0,302
CHR3	13188108	CHR3:13188108	SSF x LoA	-4,376	-0,144	0,289
CHR3	1321106	CHR3:1321106	SSF x LoA	-8,603	-0,087	0,283
CHR3	1321142	CHR3:1321142	SSF x LoA	-11,356	0,046	0,280
CHR3	13232057	CHR3:13232057	SSF x LoA	-11,271	-0,016	0,296
CHR3	13258690	CHR3:13258690	SSF x LoA	-7,358	-0,113	0,300
CHR3	13268947	CHR3:13268947	SSF x LoA	-9,748	0,051	0,296
CHR3	13269020	CHR3:13269020	SSF x LoA	-8,937	-0,054	0,300
CHR3	13274942	CHR3:13274942	SSF x LoA	-9,606	-0,042	0,291
CHR3	13274948	CHR3:13274948	SSF x LoA	-8,398	-0,015	0,288
CHR3	13279773	CHR3:13279773	SSF x LoA	-10,930	-0,006	0,291
CHR3	13279833	CHR3:13279833	SSF x LoA	-8,711	0,034	0,298
CHR3	13280000	CHR3:13280000	SSF x LoA	-6,935	0,104	0,292
CHR3	13280141	CHR3:13280141	SSF x LoA	6,006	-0,119	0,273
CHR3	13280144	CHR3:13280144	SSF x LoA	-7,426	-0,154	0,282
CHR3	1333342	CHR3:1333342	SSF x LoA	-10,087	0,045	0,277
CHR3	1333344	CHR3:1333344	SSF x LoA	-8,405	0,052	0,294

CHR3	1333358	CHR3:1333358	SSF x LoA	-9,549	-0,134	0,291
CHR3	1333690	CHR3:1333690	SSF x LoA	-7,209	-0,156	0,261
CHR3	13345570	CHR3:13345570	SSF x LoA	-8,888	0,088	0,297
CHR3	13351513	CHR3:13351513	SSF x LoA	-10,176	0,041	0,294
CHR3	13351519	CHR3:13351519	SSF x LoA	-9,367	0,031	0,298
CHR3	13363084	CHR3:13363084	SSF x LoA	-10,793	-0,024	0,284
CHR3	13371574	CHR3:13371574	SSF x LoA	-10,206	0,147	0,277
CHR3	13371580	CHR3:13371580	SSF x LoA	-7,972	0,050	0,282
CHR3	13377906	CHR3:13377906	SSF x LoA	-8,502	-0,124	0,273
CHR3	13378077	CHR3:13378077	SSF x LoA	-2,972	-0,204	0,277
CHR3	13378082	CHR3:13378082	SSF x LoA	-5,337	-0,180	0,271
CHR3	13378191	CHR3:13378191	SSF x LoA	-11,260	-0,030	0,274
CHR3	13384751	CHR3:13384751	SSF x LoA	-8,666	-0,062	0,278
CHR3	13397490	CHR3:13397490	SSF x LoA	-9,239	0,019	0,304
CHR3	13397501	CHR3:13397501	SSF x LoA	-9,811	-0,057	0,287
CHR3	13397518	CHR3:13397518	SSF x LoA	-7,409	0,031	0,284
CHR3	13397747	CHR3:13397747	SSF x LoA	-9,491	0,060	0,292
CHR3	13397779	CHR3:13397779	SSF x LoA	-9,831	0,113	0,294
CHR3	13408119	CHR3:13408119	SSF x LoA	-4,587	-0,116	0,284
CHR3	13408135	CHR3:13408135	SSF x LoA	-7,293	0,131	0,277
CHR3	13408166	CHR3:13408166	SSF x LoA	-9,410	-0,046	0,288
CHR3	13408187	CHR3:13408187	SSF x LoA	-8,311	0,017	0,290
CHR3	13408199	CHR3:13408199	SSF x LoA	-4,107	0,085	0,286
CHR3	13408213	CHR3:13408213	SSF x LoA	-2,298	0,117	0,287
CHR3	13410818	CHR3:13410818	SSF x LoA	-6,929	-0,031	0,292
CHR3	13410832	CHR3:13410832	SSF x LoA	-8,043	0,013	0,284
CHR3	13410954	CHR3:13410954	SSF x LoA	-8,088	-0,021	0,298
CHR3	13410990	CHR3:13410990	SSF x LoA	-8,529	-0,028	0,294
CHR3	13411104	CHR3:13411104	SSF x LoA	-10,217	-0,024	0,297
CHR3	13417802	CHR3:13417802	SSF x LoA	1,673	0,084	0,289
CHR3	13446613	CHR3:13446613	SSF x LoA	-10,722	0,093	0,296
CHR3	13446673	CHR3:13446673	SSF x LoA	-8,111	-0,114	0,284
CHR3	13447606	CHR3:13447606	SSF x LoA	-8,589	-0,038	0,288
CHR3	13471105	CHR3:13471105	SSF x LoA	-7,030	-0,003	0,291
CHR3	13471111	CHR3:13471111	SSF x LoA	-3,780	-0,014	0,302
CHR3	13471116	CHR3:13471116	SSF x LoA	-7,844	-0,026	0,292
CHR3	13471127	CHR3:13471127	SSF x LoA	-7,018	-0,010	0,299
CHR3	13471155	CHR3:13471155	SSF x LoA	-9,334	-0,008	0,287
CHR3	13471213	CHR3:13471213	SSF x LoA	-10,006	-0,027	0,279
CHR3	13471220	CHR3:13471220	SSF x LoA	-9,351	-0,039	0,299
CHR3	13471234	CHR3:13471234	SSF x LoA	-7,854	-0,024	0,285
CHR3	13471240	CHR3:13471240	SSF x LoA	-10,015	-0,005	0,285
CHR3	13471329	CHR3:13471329	SSF x LoA	-10,039	0,060	0,301
CHR3	13476539	CHR3:13476539	SSF x LoA	-10,589	-0,020	0,292
CHR3	13476605	CHR3:13476605	SSF x LoA	-11,079	0,011	0,278
CHR3	13515907	CHR3:13515907	SSF x LoA	-8,884	-0,096	0,291
CHR3	13515909	CHR3:13515909	SSF x LoA	-9,889	-0,045	0,278
CHR3	13515980	CHR3:13515980	SSF x LoA	-10,435	-0,090	0,293
CHR3	13515991	CHR3:13515991	SSF x LoA	-11,345	0,051	0,283
CHR3	13530704	CHR3:13530704	SSF x LoA	-8,398	0,050	0,289
CHR3	1354389	CHR3:1354389	SSF x LoA	2,892	-0,247	0,272
CHR3	13544501	CHR3:13544501	SSF x LoA	-8,800	-0,014	0,295
CHR3	13544506	CHR3:13544506	SSF x LoA	-9,711	-0,009	0,287

CHR3	13544546	CHR3:13544546	SSF x LoA	-9,611	0,098	0,290
CHR3	13544561	CHR3:13544561	SSF x LoA	-7,561	-0,042	0,297
CHR3	13544568	CHR3:13544568	SSF x LoA	-9,441	0,101	0,293
CHR3	13544574	CHR3:13544574	SSF x LoA	-8,968	0,086	0,295
CHR3	13544580	CHR3:13544580	SSF x LoA	-6,647	0,094	0,289
CHR3	13544581	CHR3:13544581	SSF x LoA	-9,024	0,100	0,293
CHR3	13544582	CHR3:13544582	SSF x LoA	-8,919	0,104	0,299
CHR3	13544584	CHR3:13544584	SSF x LoA	-9,239	0,101	0,287
CHR3	13544878	CHR3:13544878	SSF x LoA	-8,465	-0,003	0,284
CHR3	13544879	CHR3:13544879	SSF x LoA	-9,002	-0,026	0,287
CHR3	13544898	CHR3:13544898	SSF x LoA	-9,320	0,006	0,290
CHR3	13544901	CHR3:13544901	SSF x LoA	-8,880	-0,002	0,280
CHR3	13544903	CHR3:13544903	SSF x LoA	-9,421	-0,014	0,281
CHR3	1354514	CHR3:1354514	SSF x LoA	-8,854	-0,085	0,289
CHR3	1354551	CHR3:1354551	SSF x LoA	-9,156	-0,082	0,295
CHR3	13589020	CHR3:13589020	SSF x LoA	-9,678	-0,053	0,285
CHR3	13589035	CHR3:13589035	SSF x LoA	-9,199	-0,041	0,299
CHR3	13608503	CHR3:13608503	SSF x LoA	-10,668	-0,007	0,298
CHR3	13613078	CHR3:13613078	SSF x LoA	-7,505	0,044	0,287
CHR3	13656589	CHR3:13656589	SSF x LoA	-10,369	-0,002	0,297
CHR3	13656597	CHR3:13656597	SSF x LoA	-7,729	0,078	0,275
CHR3	13656684	CHR3:13656684	SSF x LoA	-8,094	0,011	0,292
CHR3	13656690	CHR3:13656690	SSF x LoA	-8,824	0,084	0,290
CHR3	13656740	CHR3:13656740	SSF x LoA	-10,415	0,093	0,291
CHR3	13656819	CHR3:13656819	SSF x LoA	-6,859	0,089	0,289
CHR3	1367898	CHR3:1367898	SSF x LoA	-9,499	-0,125	0,281
CHR3	1367909	CHR3:1367909	SSF x LoA	-7,343	0,067	0,289
CHR3	1367921	CHR3:1367921	SSF x LoA	-8,007	-0,036	0,289
CHR3	13679271	CHR3:13679271	SSF x LoA	-4,210	0,002	0,287
CHR3	1367936	CHR3:1367936	SSF x LoA	-9,240	-0,040	0,295
CHR3	1368008	CHR3:1368008	SSF x LoA	-8,150	-0,044	0,291
CHR3	1368062	CHR3:1368062	SSF x LoA	-8,647	0,015	0,298
CHR3	1368110	CHR3:1368110	SSF x LoA	-9,455	-0,047	0,291
CHR3	1368208	CHR3:1368208	SSF x LoA	-7,503	0,105	0,286
CHR3	1368233	CHR3:1368233	SSF x LoA	-8,174	0,052	0,287
CHR3	1370148	CHR3:1370148	SSF x LoA	-8,543	0,050	0,301
CHR3	1370220	CHR3:1370220	SSF x LoA	-10,235	-0,046	0,295
CHR3	1370251	CHR3:1370251	SSF x LoA	-8,960	-0,037	0,296
CHR3	1370365	CHR3:1370365	SSF x LoA	-7,789	0,016	0,303
CHR3	13706473	CHR3:13706473	SSF x LoA	-9,150	0,115	0,302
CHR3	13707022	CHR3:13707022	SSF x LoA	-8,166	0,091	0,292
CHR3	13707054	CHR3:13707054	SSF x LoA	-8,348	-0,019	0,294
CHR3	13707116	CHR3:13707116	SSF x LoA	-7,233	0,154	0,292
CHR3	13712928	CHR3:13712928	SSF x LoA	-9,730	0,137	0,284
CHR3	13714803	CHR3:13714803	SSF x LoA	-7,322	0,087	0,289
CHR3	13714879	CHR3:13714879	SSF x LoA	-7,074	0,096	0,299
CHR3	13717834	CHR3:13717834	SSF x LoA	-10,471	-0,042	0,295
CHR3	13729645	CHR3:13729645	SSF x LoA	-8,642	-0,145	0,283
CHR3	13729648	CHR3:13729648	SSF x LoA	-8,639	-0,031	0,287
CHR3	13729659	CHR3:13729659	SSF x LoA	-8,379	-0,136	0,288
CHR3	13729679	CHR3:13729679	SSF x LoA	-9,593	0,008	0,295
CHR3	13729765	CHR3:13729765	SSF x LoA	-7,315	0,156	0,266
CHR3	13729854	CHR3:13729854	SSF x LoA	-8,760	0,040	0,279

CHR3	13729865	CHR3:13729865	SSF x LoA	-7,356	0,147	0,288
CHR3	13729955	CHR3:13729955	SSF x LoA	-9,756	0,030	0,289
CHR3	1373567	CHR3:1373567	SSF x LoA	-10,321	-0,006	0,292
CHR3	1373751	CHR3:1373751	SSF x LoA	-9,449	-0,123	0,289
CHR3	13751839	CHR3:13751839	SSF x LoA	-8,973	-0,046	0,298
CHR3	13751956	CHR3:13751956	SSF x LoA	-8,267	-0,108	0,285
CHR3	13751981	CHR3:13751981	SSF x LoA	-8,422	-0,100	0,286
CHR3	13752012	CHR3:13752012	SSF x LoA	-8,025	-0,136	0,296
CHR3	13752020	CHR3:13752020	SSF x LoA	-8,628	-0,101	0,287
CHR3	1375358	CHR3:1375358	SSF x LoA	-10,662	0,079	0,280
CHR3	1375387	CHR3:1375387	SSF x LoA	-9,146	-0,007	0,284
CHR3	1376186	CHR3:1376186	SSF x LoA	-11,437	-0,071	0,292
CHR3	1376223	CHR3:1376223	SSF x LoA	-9,993	0,103	0,292
CHR3	1376391	CHR3:1376391	SSF x LoA	-11,598	-0,043	0,283
CHR3	13789910	CHR3:13789910	SSF x LoA	-11,703	0,008	0,281
CHR3	13814367	CHR3:13814367	SSF x LoA	-6,445	0,119	0,292
CHR3	13818284	CHR3:13818284	SSF x LoA	-10,177	-0,001	0,294
CHR3	13818294	CHR3:13818294	SSF x LoA	-8,458	-0,085	0,287
CHR3	13818336	CHR3:13818336	SSF x LoA	-7,424	-0,081	0,286
CHR3	13818350	CHR3:13818350	SSF x LoA	-6,543	0,174	0,286
CHR3	13818351	CHR3:13818351	SSF x LoA	-9,109	-0,120	0,278
CHR3	13818438	CHR3:13818438	SSF x LoA	-10,531	-0,094	0,292
CHR3	13818492	CHR3:13818492	SSF x LoA	-7,083	-0,058	0,301
CHR3	13845688	CHR3:13845688	SSF x LoA	-9,158	-0,095	0,301
CHR3	13847485	CHR3:13847485	SSF x LoA	-7,609	-0,088	0,291
CHR3	13847495	CHR3:13847495	SSF x LoA	-8,836	-0,055	0,288
CHR3	13855630	CHR3:13855630	SSF x LoA	-8,890	0,002	0,299
CHR3	13862388	CHR3:13862388	SSF x LoA	-6,945	-0,016	0,293
CHR3	13862413	CHR3:13862413	SSF x LoA	-6,155	-0,141	0,283
CHR3	13862429	CHR3:13862429	SSF x LoA	-5,793	-0,177	0,277
CHR3	13862462	CHR3:13862462	SSF x LoA	-7,228	0,118	0,276
CHR3	13862524	CHR3:13862524	SSF x LoA	-8,347	-0,024	0,284
CHR3	13862623	CHR3:13862623	SSF x LoA	-9,017	0,128	0,283
CHR3	13862653	CHR3:13862653	SSF x LoA	-7,746	0,109	0,291
CHR3	13868896	CHR3:13868896	SSF x LoA	-9,741	-0,112	0,290
CHR3	13875364	CHR3:13875364	SSF x LoA	-7,895	-0,020	0,287
CHR3	13875369	CHR3:13875369	SSF x LoA	-9,488	0,063	0,289
CHR3	13875377	CHR3:13875377	SSF x LoA	-7,120	-0,048	0,296
CHR3	13875443	CHR3:13875443	SSF x LoA	-6,968	0,048	0,292
CHR3	13875482	CHR3:13875482	SSF x LoA	-10,085	0,017	0,283
CHR3	13889074	CHR3:13889074	SSF x LoA	-8,067	-0,143	0,286
CHR3	13889151	CHR3:13889151	SSF x LoA	-8,473	0,081	0,273
CHR3	13894842	CHR3:13894842	SSF x LoA	-6,562	0,124	0,283
CHR3	13900154	CHR3:13900154	SSF x LoA	0,735	0,211	0,275
CHR3	13900165	CHR3:13900165	SSF x LoA	-9,293	0,009	0,296
CHR3	13911986	CHR3:13911986	SSF x LoA	-8,860	-0,047	0,280
CHR3	13912068	CHR3:13912068	SSF x LoA	-1,696	0,155	0,299
CHR3	13912116	CHR3:13912116	SSF x LoA	-10,255	0,023	0,284
CHR3	13912155	CHR3:13912155	SSF x LoA	-9,394	0,001	0,301
CHR3	13914471	CHR3:13914471	SSF x LoA	-8,132	0,058	0,300
CHR3	13943908	CHR3:13943908	SSF x LoA	-8,761	-0,052	0,276
CHR3	1395541	CHR3:1395541	SSF x LoA	-10,726	-0,041	0,290
CHR3	1395565	CHR3:1395565	SSF x LoA	-3,462	-0,202	0,259

CHR3	1395621	CHR3:1395621	SSF x LoA	-9,384	-0,021	0,285
CHR3	1395625	CHR3:1395625	SSF x LoA	-8,088	0,085	0,289
CHR3	1395635	CHR3:1395635	SSF x LoA	-10,725	0,016	0,286
CHR3	13957116	CHR3:13957116	SSF x LoA	-8,762	0,024	0,293
CHR3	13958008	CHR3:13958008	SSF x LoA	-8,510	0,001	0,294
CHR3	13964600	CHR3:13964600	SSF x LoA	-8,986	-0,028	0,286
CHR3	13964604	CHR3:13964604	SSF x LoA	-7,930	-0,015	0,289
CHR3	13964629	CHR3:13964629	SSF x LoA	-10,162	-0,129	0,272
CHR3	13964653	CHR3:13964653	SSF x LoA	-8,531	-0,023	0,299
CHR3	13964742	CHR3:13964742	SSF x LoA	-9,185	-0,004	0,280
CHR3	13964809	CHR3:13964809	SSF x LoA	-8,104	0,075	0,274
CHR3	1399127	CHR3:1399127	SSF x LoA	-9,817	0,048	0,288
CHR3	1399143	CHR3:1399143	SSF x LoA	-8,406	-0,176	0,284
CHR3	1399150	CHR3:1399150	SSF x LoA	-8,692	-0,190	0,268
CHR3	1399164	CHR3:1399164	SSF x LoA	-9,647	-0,055	0,267
CHR3	1399207	CHR3:1399207	SSF x LoA	-6,396	-0,226	0,254
CHR3	1399254	CHR3:1399254	SSF x LoA	-8,500	0,056	0,298
CHR3	1399271	CHR3:1399271	SSF x LoA	-5,388	-0,146	0,285
CHR3	1399293	CHR3:1399293	SSF x LoA	-9,347	0,068	0,279
CHR3	14002119	CHR3:14002119	SSF x LoA	-7,165	0,031	0,289
CHR3	14002125	CHR3:14002125	SSF x LoA	-7,613	0,091	0,288
CHR3	14002157	CHR3:14002157	SSF x LoA	-7,370	0,025	0,309
CHR3	1401096	CHR3:1401096	SSF x LoA	-7,312	0,071	0,294
CHR3	14024295	CHR3:14024295	SSF x LoA	-9,806	-0,049	0,292
CHR3	14024298	CHR3:14024298	SSF x LoA	-9,639	-0,030	0,291
CHR3	14024311	CHR3:14024311	SSF x LoA	-9,543	-0,041	0,290
CHR3	14024324	CHR3:14024324	SSF x LoA	-7,727	-0,048	0,294
CHR3	14024467	CHR3:14024467	SSF x LoA	-11,170	0,036	0,279
CHR3	14024470	CHR3:14024470	SSF x LoA	-9,759	0,015	0,302
CHR3	14024508	CHR3:14024508	SSF x LoA	-10,085	0,024	0,285
CHR3	14037776	CHR3:14037776	SSF x LoA	-8,266	-0,076	0,289
CHR3	14037827	CHR3:14037827	SSF x LoA	-8,763	-0,008	0,288
CHR3	14037885	CHR3:14037885	SSF x LoA	-9,912	0,006	0,287
CHR3	14044634	CHR3:14044634	SSF x LoA	-10,656	0,045	0,285
CHR3	14064301	CHR3:14064301	SSF x LoA	-9,650	0,092	0,283
CHR3	14088228	CHR3:14088228	SSF x LoA	-8,489	0,081	0,281
CHR3	14088295	CHR3:14088295	SSF x LoA	-6,577	-0,102	0,280
CHR3	14093657	CHR3:14093657	SSF x LoA	-7,364	0,113	0,296
CHR3	14093747	CHR3:14093747	SSF x LoA	-7,459	-0,100	0,276
CHR3	14093795	CHR3:14093795	SSF x LoA	-7,252	-0,097	0,285
CHR3	14096402	CHR3:14096402	SSF x LoA	-9,339	-0,089	0,289
CHR3	14109653	CHR3:14109653	SSF x LoA	-8,313	0,056	0,290
CHR3	14208261	CHR3:14208261	SSF x LoA	-7,026	-0,127	0,278
CHR3	1421799	CHR3:1421799	SSF x LoA	-9,065	-0,025	0,285
CHR3	14218301	CHR3:14218301	SSF x LoA	-8,456	-0,010	0,290
CHR3	14218338	CHR3:14218338	SSF x LoA	-5,735	-0,106	0,295
CHR3	14218365	CHR3:14218365	SSF x LoA	-10,331	0,101	0,268
CHR3	1421859	CHR3:1421859	SSF x LoA	-7,620	0,139	0,297
CHR3	1421977	CHR3:1421977	SSF x LoA	-8,584	0,053	0,293
CHR3	1421982	CHR3:1421982	SSF x LoA	-10,326	0,029	0,279
CHR3	1422081	CHR3:1422081	SSF x LoA	-8,319	0,126	0,285
CHR3	1422154	CHR3:1422154	SSF x LoA	-5,843	0,222	0,275
CHR3	14267445	CHR3:14267445	SSF x LoA	-11,023	0,004	0,288

CHR3	14267538	CHR3:14267538	SSF x LoA	-9,885	0,017	0,311
CHR3	14279922	CHR3:14279922	SSF x LoA	-7,058	-0,134	0,285
CHR3	14279938	CHR3:14279938	SSF x LoA	-8,303	-0,004	0,295
CHR3	14279986	CHR3:14279986	SSF x LoA	-9,256	-0,047	0,281
CHR3	14297758	CHR3:14297758	SSF x LoA	-8,369	0,132	0,273
CHR3	14297967	CHR3:14297967	SSF x LoA	-10,794	0,047	0,296
CHR3	14307619	CHR3:14307619	SSF x LoA	-6,265	-0,184	0,291
CHR3	14307680	CHR3:14307680	SSF x LoA	-7,939	0,013	0,306
CHR3	14307788	CHR3:14307788	SSF x LoA	-8,704	-0,081	0,286
CHR3	14307823	CHR3:14307823	SSF x LoA	-10,163	0,065	0,292
CHR3	14325181	CHR3:14325181	SSF x LoA	-8,687	0,054	0,306
CHR3	14325252	CHR3:14325252	SSF x LoA	-10,494	-0,025	0,285
CHR3	14346907	CHR3:14346907	SSF x LoA	-9,378	0,019	0,278
CHR3	1436902	CHR3:1436902	SSF x LoA	-9,892	0,039	0,290
CHR3	1437125	CHR3:1437125	SSF x LoA	-7,840	-0,099	0,292
CHR3	1437293	CHR3:1437293	SSF x LoA	-10,058	0,073	0,293
CHR3	14381864	CHR3:14381864	SSF x LoA	-2,695	0,188	0,298
CHR3	1440227	CHR3:1440227	SSF x LoA	-8,017	-0,095	0,282
CHR3	1440239	CHR3:1440239	SSF x LoA	-9,307	-0,075	0,274
CHR3	1440254	CHR3:1440254	SSF x LoA	-9,518	-0,048	0,301
CHR3	1440264	CHR3:1440264	SSF x LoA	-9,335	-0,088	0,279
CHR3	1440319	CHR3:1440319	SSF x LoA	-1,368	-0,116	0,298
CHR3	1440334	CHR3:1440334	SSF x LoA	-9,683	0,015	0,285
CHR3	1440340	CHR3:1440340	SSF x LoA	-7,561	-0,020	0,290
CHR3	1440348	CHR3:1440348	SSF x LoA	-8,981	-0,004	0,300
CHR3	1440350	CHR3:1440350	SSF x LoA	-8,252	-0,097	0,277
CHR3	1440355	CHR3:1440355	SSF x LoA	-8,269	-0,013	0,286
CHR3	1440375	CHR3:1440375	SSF x LoA	-9,357	0,077	0,295
CHR3	1440404	CHR3:1440404	SSF x LoA	-8,998	0,076	0,296
CHR3	14419273	CHR3:14419273	SSF x LoA	-9,948	0,083	0,295
CHR3	14419368	CHR3:14419368	SSF x LoA	-7,347	-0,036	0,287
CHR3	14419371	CHR3:14419371	SSF x LoA	-10,564	0,036	0,297
CHR3	14419374	CHR3:14419374	SSF x LoA	-11,646	0,017	0,276
CHR3	14419424	CHR3:14419424	SSF x LoA	-7,210	-0,033	0,281
CHR3	14419437	CHR3:14419437	SSF x LoA	-11,169	-0,025	0,291
CHR3	14419469	CHR3:14419469	SSF x LoA	-8,554	-0,019	0,284
CHR3	14419516	CHR3:14419516	SSF x LoA	-10,064	0,020	0,273
CHR3	14419523	CHR3:14419523	SSF x LoA	-8,984	0,040	0,280
CHR3	14419534	CHR3:14419534	SSF x LoA	-8,574	0,089	0,296
CHR3	14419565	CHR3:14419565	SSF x LoA	-8,913	-0,099	0,282
CHR3	14444897	CHR3:14444897	SSF x LoA	-10,407	-0,022	0,291
CHR3	14444974	CHR3:14444974	SSF x LoA	-5,077	-0,078	0,285
CHR3	14458688	CHR3:14458688	SSF x LoA	-6,043	0,121	0,281
CHR3	14458817	CHR3:14458817	SSF x LoA	-8,778	0,019	0,295
CHR3	14461105	CHR3:14461105	SSF x LoA	-6,641	-0,207	0,270
CHR3	14466103	CHR3:14466103	SSF x LoA	-5,030	-0,087	0,292
CHR3	14470688	CHR3:14470688	SSF x LoA	-9,738	-0,121	0,292
CHR3	14476021	CHR3:14476021	SSF x LoA	-7,996	-0,025	0,289
CHR3	14476171	CHR3:14476171	SSF x LoA	-8,037	0,044	0,299
CHR3	14480289	CHR3:14480289	SSF x LoA	-3,128	0,076	0,288
CHR3	14509298	CHR3:14509298	SSF x LoA	-10,041	-0,028	0,296
CHR3	14509377	CHR3:14509377	SSF x LoA	-7,711	0,143	0,278
CHR3	14519679	CHR3:14519679	SSF x LoA	-10,701	-0,067	0,296

CHR3	14528646	CHR3:14528646	SSF x LoA	-11,278	0,005	0,282
CHR3	14537192	CHR3:14537192	SSF x LoA	-8,451	0,058	0,297
CHR3	14537214	CHR3:14537214	SSF x LoA	-9,886	0,051	0,281
CHR3	14537244	CHR3:14537244	SSF x LoA	-9,406	0,022	0,291
CHR3	1455375	CHR3:1455375	SSF x LoA	-7,430	-0,104	0,298
CHR3	1455433	CHR3:1455433	SSF x LoA	-11,043	-0,018	0,296
CHR3	1455549	CHR3:1455549	SSF x LoA	-7,915	-0,065	0,275
CHR3	1455614	CHR3:1455614	SSF x LoA	-9,231	0,059	0,274
CHR3	1455679	CHR3:1455679	SSF x LoA	-7,065	0,100	0,286
CHR3	1455681	CHR3:1455681	SSF x LoA	-6,434	-0,165	0,278
CHR3	1455709	CHR3:1455709	SSF x LoA	-5,411	0,128	0,293
CHR3	1455741	CHR3:1455741	SSF x LoA	-7,656	-0,072	0,285
CHR3	14566322	CHR3:14566322	SSF x LoA	-8,360	0,057	0,302
CHR3	14566346	CHR3:14566346	SSF x LoA	-10,636	-0,127	0,265
CHR3	14566366	CHR3:14566366	SSF x LoA	-7,861	-0,173	0,285
CHR3	14670742	CHR3:14670742	SSF x LoA	-3,608	-0,072	0,291
CHR3	14670896	CHR3:14670896	SSF x LoA	-8,437	0,060	0,287
CHR3	14679826	CHR3:14679826	SSF x LoA	-8,903	-0,054	0,284
CHR3	14680017	CHR3:14680017	SSF x LoA	-8,311	-0,031	0,283
CHR3	14695134	CHR3:14695134	SSF x LoA	-9,180	-0,073	0,296
CHR3	1471522	CHR3:1471522	SSF x LoA	-10,291	-0,028	0,285
CHR3	14721170	CHR3:14721170	SSF x LoA	-8,000	0,006	0,291
CHR3	1475190	CHR3:1475190	SSF x LoA	-9,714	-0,096	0,285
CHR3	1475434	CHR3:1475434	SSF x LoA	-11,241	0,034	0,300
CHR3	1475483	CHR3:1475483	SSF x LoA	-8,167	0,040	0,274
CHR3	14774037	CHR3:14774037	SSF x LoA	-10,463	-0,021	0,287
CHR3	14779764	CHR3:14779764	SSF x LoA	1,347	-0,223	0,281
CHR3	14779841	CHR3:14779841	SSF x LoA	-5,849	-0,236	0,273
CHR3	14783035	CHR3:14783035	SSF x LoA	-8,947	-0,044	0,293
CHR3	14783134	CHR3:14783134	SSF x LoA	-10,674	-0,027	0,291
CHR3	14783202	CHR3:14783202	SSF x LoA	-7,681	0,012	0,302
CHR3	14816611	CHR3:14816611	SSF x LoA	-7,571	-0,172	0,284
CHR3	14824368	CHR3:14824368	SSF x LoA	-9,557	0,117	0,286
CHR3	1482989	CHR3:1482989	SSF x LoA	-9,348	0,023	0,298
CHR3	1483009	CHR3:1483009	SSF x LoA	-9,257	0,074	0,298
CHR3	14838496	CHR3:14838496	SSF x LoA	-11,598	0,045	0,287
CHR3	14838549	CHR3:14838549	SSF x LoA	-6,933	0,126	0,279
CHR3	14838603	CHR3:14838603	SSF x LoA	-6,672	0,098	0,287
CHR3	14838630	CHR3:14838630	SSF x LoA	-10,502	0,000	0,285
CHR3	14848987	CHR3:14848987	SSF x LoA	-8,820	0,085	0,281
CHR3	14849009	CHR3:14849009	SSF x LoA	-10,006	0,059	0,276
CHR3	14870571	CHR3:14870571	SSF x LoA	-9,059	-0,083	0,287
CHR3	14870598	CHR3:14870598	SSF x LoA	-9,871	-0,024	0,293
CHR3	14870618	CHR3:14870618	SSF x LoA	-9,794	-0,012	0,290
CHR3	14875468	CHR3:14875468	SSF x LoA	-7,985	0,123	0,286
CHR3	14875589	CHR3:14875589	SSF x LoA	-9,421	-0,097	0,285
CHR3	14875696	CHR3:14875696	SSF x LoA	-9,938	0,102	0,294
CHR3	14886179	CHR3:14886179	SSF x LoA	8,446	-0,114	0,287
CHR3	14892936	CHR3:14892936	SSF x LoA	-10,642	-0,014	0,288
CHR3	14897285	CHR3:14897285	SSF x LoA	-8,301	0,021	0,298
CHR3	14904025	CHR3:14904025	SSF x LoA	-8,103	-0,045	0,296
CHR3	14906824	CHR3:14906824	SSF x LoA	-8,939	-0,083	0,287
CHR3	14906825	CHR3:14906825	SSF x LoA	-9,080	-0,064	0,282

CHR3	14906851	CHR3:14906851	SSF x LoA	-4,346	0,165	0,287
CHR3	14906873	CHR3:14906873	SSF x LoA	-4,170	0,174	0,281
CHR3	14922542	CHR3:14922542	SSF x LoA	-10,142	-0,026	0,301
CHR3	14922700	CHR3:14922700	SSF x LoA	-8,743	0,133	0,293
CHR3	14922849	CHR3:14922849	SSF x LoA	-8,607	-0,088	0,295
CHR3	14930853	CHR3:14930853	SSF x LoA	-7,644	0,123	0,287
CHR3	14945258	CHR3:14945258	SSF x LoA	-9,036	-0,028	0,304
CHR3	1494932	CHR3:1494932	SSF x LoA	-7,981	-0,066	0,278
CHR3	14986142	CHR3:14986142	SSF x LoA	-9,901	-0,037	0,285
CHR3	14986304	CHR3:14986304	SSF x LoA	-10,345	-0,060	0,297
CHR3	14986324	CHR3:14986324	SSF x LoA	-7,307	-0,134	0,267
CHR3	14986361	CHR3:14986361	SSF x LoA	-7,513	0,149	0,289
CHR3	14986386	CHR3:14986386	SSF x LoA	-9,004	-0,126	0,298
CHR3	14986449	CHR3:14986449	SSF x LoA	-11,093	0,004	0,301
CHR3	14997292	CHR3:14997292	SSF x LoA	-6,884	-0,019	0,296
CHR3	14997374	CHR3:14997374	SSF x LoA	-9,589	-0,063	0,299
CHR3	14997469	CHR3:14997469	SSF x LoA	-8,690	-0,092	0,281
CHR3	14997475	CHR3:14997475	SSF x LoA	-8,820	-0,012	0,290
CHR3	1501692	CHR3:1501692	SSF x LoA	-10,615	-0,041	0,286
CHR3	15045469	CHR3:15045469	SSF x LoA	-8,145	0,113	0,287
CHR3	15078621	CHR3:15078621	SSF x LoA	-7,697	0,088	0,259
CHR3	15078807	CHR3:15078807	SSF x LoA	-7,769	-0,173	0,284
CHR3	15082085	CHR3:15082085	SSF x LoA	-8,448	-0,055	0,291
CHR3	15082132	CHR3:15082132	SSF x LoA	-9,170	0,152	0,301
CHR3	15082143	CHR3:15082143	SSF x LoA	-7,998	-0,054	0,294
CHR3	15082249	CHR3:15082249	SSF x LoA	-8,105	0,047	0,298
CHR3	15096483	CHR3:15096483	SSF x LoA	-8,497	0,011	0,298
CHR3	15096535	CHR3:15096535	SSF x LoA	-10,086	-0,132	0,285
CHR3	15096593	CHR3:15096593	SSF x LoA	-7,885	-0,040	0,272
CHR3	15096637	CHR3:15096637	SSF x LoA	-9,548	0,014	0,287
CHR3	15096669	CHR3:15096669	SSF x LoA	-10,884	0,012	0,298
CHR3	15131693	CHR3:15131693	SSF x LoA	-9,021	-0,001	0,298
CHR3	15149069	CHR3:15149069	SSF x LoA	-7,400	-0,108	0,288
CHR3	1556424	CHR3:1556424	SSF x LoA	-6,214	0,003	0,293
CHR3	1566063	CHR3:1566063	SSF x LoA	-10,544	0,011	0,293
CHR3	1586748	CHR3:1586748	SSF x LoA	-9,374	0,041	0,272
CHR3	1586981	CHR3:1586981	SSF x LoA	-6,904	0,046	0,290
CHR3	1596093	CHR3:1596093	SSF x LoA	-9,312	0,100	0,280
CHR3	1596189	CHR3:1596189	SSF x LoA	-9,772	0,046	0,296
CHR3	1596278	CHR3:1596278	SSF x LoA	-7,522	0,075	0,276
CHR3	1596289	CHR3:1596289	SSF x LoA	-6,231	0,082	0,306
CHR3	1596335	CHR3:1596335	SSF x LoA	-11,576	-0,010	0,288
CHR3	1596361	CHR3:1596361	SSF x LoA	-7,366	-0,008	0,299
CHR3	1618784	CHR3:1618784	SSF x LoA	-10,482	-0,040	0,285
CHR3	1618901	CHR3:1618901	SSF x LoA	-9,273	-0,037	0,295
CHR3	1618915	CHR3:1618915	SSF x LoA	-10,058	-0,037	0,290
CHR3	1619002	CHR3:1619002	SSF x LoA	-7,262	0,062	0,294
CHR3	1619023	CHR3:1619023	SSF x LoA	-7,983	0,084	0,270
CHR3	1619055	CHR3:1619055	SSF x LoA	-9,372	0,057	0,288
CHR3	1619063	CHR3:1619063	SSF x LoA	-8,715	0,000	0,297
CHR3	1619126	CHR3:1619126	SSF x LoA	-9,695	-0,031	0,281
CHR3	1621841	CHR3:1621841	SSF x LoA	-6,627	0,126	0,301
CHR3	1621896	CHR3:1621896	SSF x LoA	-4,325	-0,131	0,276

CHR3	1621925	CHR3:1621925	SSF x LoA	-10,053	0,020	0,289
CHR3	1621936	CHR3:1621936	SSF x LoA	-4,111	-0,117	0,289
CHR3	1622083	CHR3:1622083	SSF x LoA	-6,609	-0,072	0,296
CHR3	1642338	CHR3:1642338	SSF x LoA	-10,207	0,024	0,288
CHR3	1642393	CHR3:1642393	SSF x LoA	-9,644	0,033	0,287
CHR3	1642492	CHR3:1642492	SSF x LoA	-6,744	0,080	0,298
CHR3	1642517	CHR3:1642517	SSF x LoA	-9,651	0,064	0,291
CHR3	1642530	CHR3:1642530	SSF x LoA	-10,103	0,021	0,282
CHR3	1642531	CHR3:1642531	SSF x LoA	-5,162	-0,165	0,264
CHR3	1642559	CHR3:1642559	SSF x LoA	-5,569	-0,137	0,279
CHR3	1642657	CHR3:1642657	SSF x LoA	-8,982	0,043	0,292
CHR3	1645609	CHR3:1645609	SSF x LoA	-7,669	-0,170	0,282
CHR3	1645619	CHR3:1645619	SSF x LoA	-7,765	-0,083	0,301
CHR3	1656016	CHR3:1656016	SSF x LoA	-7,945	-0,081	0,283
CHR3	1656327	CHR3:1656327	SSF x LoA	-7,267	0,020	0,290
CHR3	1659266	CHR3:1659266	SSF x LoA	-6,780	0,076	0,290
CHR3	1659267	CHR3:1659267	SSF x LoA	-7,897	-0,004	0,297
CHR3	1659295	CHR3:1659295	SSF x LoA	-8,878	0,056	0,299
CHR3	1659330	CHR3:1659330	SSF x LoA	-9,157	0,016	0,295
CHR3	1671709	CHR3:1671709	SSF x LoA	-8,344	-0,004	0,306
CHR3	1674489	CHR3:1674489	SSF x LoA	-8,773	-0,123	0,286
CHR3	1674559	CHR3:1674559	SSF x LoA	-9,807	0,035	0,287
CHR3	1687143	CHR3:1687143	SSF x LoA	-7,716	0,038	0,280
CHR3	1687348	CHR3:1687348	SSF x LoA	-8,731	-0,020	0,297
CHR3	1692469	CHR3:1692469	SSF x LoA	-2,663	0,066	0,299
CHR3	1692484	CHR3:1692484	SSF x LoA	-10,284	-0,089	0,289
CHR3	1717239	CHR3:1717239	SSF x LoA	-5,641	0,009	0,287
CHR3	1717244	CHR3:1717244	SSF x LoA	-10,831	0,040	0,305
CHR3	1717246	CHR3:1717246	SSF x LoA	-8,881	0,020	0,305
CHR3	1718305	CHR3:1718305	SSF x LoA	-10,563	-0,029	0,299
CHR3	1718310	CHR3:1718310	SSF x LoA	-10,093	-0,010	0,312
CHR3	1720042	CHR3:1720042	SSF x LoA	-9,428	0,048	0,296
CHR3	1720044	CHR3:1720044	SSF x LoA	-8,768	-0,141	0,289
CHR3	1720056	CHR3:1720056	SSF x LoA	-9,150	0,005	0,291
CHR3	1720057	CHR3:1720057	SSF x LoA	-6,668	-0,053	0,301
CHR3	1720150	CHR3:1720150	SSF x LoA	-8,707	0,046	0,313
CHR3	1720158	CHR3:1720158	SSF x LoA	-9,553	-0,004	0,283
CHR3	1720180	CHR3:1720180	SSF x LoA	-8,229	-0,033	0,299
CHR3	17225268	CHR3:17225268	SSF x LoA	-10,590	0,098	0,284
CHR3	17225361	CHR3:17225361	SSF x LoA	-8,142	0,084	0,288
CHR3	17225377	CHR3:17225377	SSF x LoA	-10,459	0,072	0,297
CHR3	17243391	CHR3:17243391	SSF x LoA	-3,171	-0,017	0,306
CHR3	17261021	CHR3:17261021	SSF x LoA	-8,383	0,019	0,299
CHR3	17340141	CHR3:17340141	SSF x LoA	-8,763	-0,047	0,286
CHR3	17398766	CHR3:17398766	SSF x LoA	-10,035	-0,103	0,296
CHR3	17398833	CHR3:17398833	SSF x LoA	-6,514	-0,126	0,288
CHR3	17409540	CHR3:17409540	SSF x LoA	-7,748	-0,122	0,275
CHR3	17409809	CHR3:17409809	SSF x LoA	-8,397	-0,126	0,288
CHR3	17409841	CHR3:17409841	SSF x LoA	-11,074	-0,053	0,278
CHR3	17431854	CHR3:17431854	SSF x LoA	-6,682	0,101	0,291
CHR3	17431998	CHR3:17431998	SSF x LoA	-6,727	-0,114	0,302
CHR3	17432127	CHR3:17432127	SSF x LoA	-9,193	0,115	0,270
CHR3	1743478	CHR3:1743478	SSF x LoA	-8,220	0,039	0,283

CHR3	17460590	CHR3:17460590	SSF x LoA	-8,324	-0,063	0,287
CHR3	17468557	CHR3:17468557	SSF x LoA	-8,124	-0,015	0,303
CHR3	17484719	CHR3:17484719	SSF x LoA	-7,357	-0,082	0,298
CHR3	17484736	CHR3:17484736	SSF x LoA	-8,225	-0,077	0,294
CHR3	17498987	CHR3:17498987	SSF x LoA	-9,645	-0,032	0,294
CHR3	17522106	CHR3:17522106	SSF x LoA	-7,191	-0,146	0,282
CHR3	17526232	CHR3:17526232	SSF x LoA	-10,393	-0,039	0,284
CHR3	17526264	CHR3:17526264	SSF x LoA	-9,290	-0,009	0,287
CHR3	17560707	CHR3:17560707	SSF x LoA	-5,667	0,121	0,293
CHR3	17586546	CHR3:17586546	SSF x LoA	-9,631	-0,039	0,301
CHR3	17590570	CHR3:17590570	SSF x LoA	-7,726	0,187	0,298
CHR3	17594867	CHR3:17594867	SSF x LoA	-8,091	0,060	0,289
CHR3	17595055	CHR3:17595055	SSF x LoA	-6,884	0,065	0,279
CHR3	17629195	CHR3:17629195	SSF x LoA	-9,688	0,006	0,290
CHR3	17629196	CHR3:17629196	SSF x LoA	-9,188	0,007	0,297
CHR3	17638677	CHR3:17638677	SSF x LoA	-6,231	-0,004	0,294
CHR3	17638831	CHR3:17638831	SSF x LoA	-9,456	-0,045	0,300
CHR3	17643297	CHR3:17643297	SSF x LoA	-8,892	0,109	0,288
CHR3	17643343	CHR3:17643343	SSF x LoA	-8,164	-0,038	0,295
CHR3	17643346	CHR3:17643346	SSF x LoA	-5,305	0,062	0,293
CHR3	17650710	CHR3:17650710	SSF x LoA	-7,311	-0,135	0,265
CHR3	17675335	CHR3:17675335	SSF x LoA	-9,746	0,116	0,292
CHR3	17675357	CHR3:17675357	SSF x LoA	-8,770	0,111	0,275
CHR3	17675574	CHR3:17675574	SSF x LoA	-8,022	-0,070	0,287
CHR3	17679726	CHR3:17679726	SSF x LoA	-9,970	-0,006	0,293
CHR3	17700072	CHR3:17700072	SSF x LoA	-10,171	0,011	0,280
CHR3	17700355	CHR3:17700355	SSF x LoA	-10,353	-0,057	0,292
CHR3	17700357	CHR3:17700357	SSF x LoA	-10,110	-0,051	0,279
CHR3	17700363	CHR3:17700363	SSF x LoA	-8,037	-0,126	0,281
CHR3	17700368	CHR3:17700368	SSF x LoA	-10,010	0,058	0,281
CHR3	17715022	CHR3:17715022	SSF x LoA	-7,378	-0,076	0,292
CHR3	17717456	CHR3:17717456	SSF x LoA	-6,191	-0,215	0,273
CHR3	17717478	CHR3:17717478	SSF x LoA	-8,773	0,060	0,297
CHR3	17717481	CHR3:17717481	SSF x LoA	-8,568	0,008	0,308
CHR3	17717520	CHR3:17717520	SSF x LoA	-9,879	-0,076	0,281
CHR3	17717578	CHR3:17717578	SSF x LoA	-4,771	-0,150	0,278
CHR3	17732268	CHR3:17732268	SSF x LoA	-9,647	-0,059	0,287
CHR3	17732440	CHR3:17732440	SSF x LoA	-7,334	0,094	0,276
CHR3	17732657	CHR3:17732657	SSF x LoA	-9,269	0,144	0,288
CHR3	17732703	CHR3:17732703	SSF x LoA	-8,011	0,054	0,297
CHR3	17746465	CHR3:17746465	SSF x LoA	-6,774	0,119	0,288
CHR3	17746559	CHR3:17746559	SSF x LoA	-8,771	-0,103	0,290
CHR3	17746571	CHR3:17746571	SSF x LoA	-9,702	0,029	0,285
CHR3	17746577	CHR3:17746577	SSF x LoA	-10,447	0,015	0,288
CHR3	1775982	CHR3:1775982	SSF x LoA	-7,154	-0,053	0,291
CHR3	1776089	CHR3:1776089	SSF x LoA	-8,805	0,100	0,286
CHR3	17766204	CHR3:17766204	SSF x LoA	-7,261	0,108	0,296
CHR3	17766650	CHR3:17766650	SSF x LoA	-9,123	-0,106	0,295
CHR3	17843313	CHR3:17843313	SSF x LoA	-10,700	0,040	0,281
CHR3	17843416	CHR3:17843416	SSF x LoA	-10,385	0,045	0,284
CHR3	17843426	CHR3:17843426	SSF x LoA	-10,900	0,059	0,289
CHR3	17843465	CHR3:17843465	SSF x LoA	-8,512	0,126	0,292
CHR3	17856294	CHR3:17856294	SSF x LoA	1,358	-0,113	0,295

CHR3	17865809	CHR3:17865809	SSF x LoA	-8,851	-0,105	0,277
CHR3	17881515	CHR3:17881515	SSF x LoA	-11,559	0,052	0,286
CHR3	17881566	CHR3:17881566	SSF x LoA	-11,145	0,028	0,287
CHR3	17881669	CHR3:17881669	SSF x LoA	-8,661	0,035	0,301
CHR3	17912100	CHR3:17912100	SSF x LoA	-2,478	0,161	0,291
CHR3	17912125	CHR3:17912125	SSF x LoA	-6,708	-0,078	0,305
CHR3	17912149	CHR3:17912149	SSF x LoA	-9,355	-0,104	0,279
CHR3	17938843	CHR3:17938843	SSF x LoA	-7,433	-0,027	0,296
CHR3	17938966	CHR3:17938966	SSF x LoA	-10,463	0,024	0,285
CHR3	17938974	CHR3:17938974	SSF x LoA	-10,128	-0,061	0,274
CHR3	17938984	CHR3:17938984	SSF x LoA	-11,457	0,015	0,293
CHR3	17939052	CHR3:17939052	SSF x LoA	-7,841	-0,042	0,291
CHR3	17939072	CHR3:17939072	SSF x LoA	-10,771	-0,060	0,278
CHR3	17940515	CHR3:17940515	SSF x LoA	-9,751	0,026	0,299
CHR3	17952922	CHR3:17952922	SSF x LoA	-7,292	-0,107	0,288
CHR3	17994281	CHR3:17994281	SSF x LoA	-7,339	0,024	0,294
CHR3	17994347	CHR3:17994347	SSF x LoA	-7,970	0,101	0,287
CHR3	17997653	CHR3:17997653	SSF x LoA	-8,054	-0,101	0,290
CHR3	17997753	CHR3:17997753	SSF x LoA	-8,267	-0,029	0,285
CHR3	18011906	CHR3:18011906	SSF x LoA	-10,113	0,038	0,296
CHR3	18011973	CHR3:18011973	SSF x LoA	-8,375	-0,158	0,286
CHR3	18012008	CHR3:18012008	SSF x LoA	-7,268	-0,126	0,283
CHR3	18012029	CHR3:18012029	SSF x LoA	-9,789	0,008	0,289
CHR3	18029232	CHR3:18029232	SSF x LoA	-7,176	0,007	0,280
CHR3	18029260	CHR3:18029260	SSF x LoA	-8,916	0,008	0,272
CHR3	18029263	CHR3:18029263	SSF x LoA	-9,051	-0,011	0,273
CHR3	18029298	CHR3:18029298	SSF x LoA	-7,622	-0,004	0,273
CHR3	18029335	CHR3:18029335	SSF x LoA	-4,803	-0,031	0,281
CHR3	18029352	CHR3:18029352	SSF x LoA	-8,454	0,051	0,296
CHR3	18062418	CHR3:18062418	SSF x LoA	-7,289	0,038	0,289
CHR3	18062890	CHR3:18062890	SSF x LoA	-9,558	0,170	0,282
CHR3	18076917	CHR3:18076917	SSF x LoA	-10,768	0,048	0,285
CHR3	18076934	CHR3:18076934	SSF x LoA	-7,790	-0,193	0,279
CHR3	18080016	CHR3:18080016	SSF x LoA	-7,127	-0,045	0,274
CHR3	18080022	CHR3:18080022	SSF x LoA	-7,672	0,004	0,294
CHR3	18080238	CHR3:18080238	SSF x LoA	-11,717	-0,055	0,287
CHR3	18097785	CHR3:18097785	SSF x LoA	-9,273	0,148	0,304
CHR3	18097836	CHR3:18097836	SSF x LoA	-10,701	0,056	0,291
CHR3	18098024	CHR3:18098024	SSF x LoA	-11,287	-0,034	0,275
CHR3	18108100	CHR3:18108100	SSF x LoA	-10,427	0,050	0,276
CHR3	18124645	CHR3:18124645	SSF x LoA	-9,237	0,016	0,289
CHR3	18130340	CHR3:18130340	SSF x LoA	-10,774	0,029	0,303
CHR3	18142571	CHR3:18142571	SSF x LoA	-6,540	-0,138	0,288
CHR3	18142586	CHR3:18142586	SSF x LoA	-6,175	0,170	0,280
CHR3	18143442	CHR3:18143442	SSF x LoA	-5,397	0,068	0,282
CHR3	18143528	CHR3:18143528	SSF x LoA	-1,246	-0,081	0,276
CHR3	18147438	CHR3:18147438	SSF x LoA	-10,529	-0,080	0,292
CHR3	18147530	CHR3:18147530	SSF x LoA	-7,979	0,094	0,281
CHR3	18147568	CHR3:18147568	SSF x LoA	-8,756	0,085	0,283
CHR3	18147595	CHR3:18147595	SSF x LoA	-10,494	0,095	0,298
CHR3	18147607	CHR3:18147607	SSF x LoA	-9,676	0,002	0,295
CHR3	18149305	CHR3:18149305	SSF x LoA	-7,780	0,052	0,292
CHR3	18151842	CHR3:18151842	SSF x LoA	-7,704	0,192	0,295

CHR3	18151859	CHR3:18151859	SSF x LoA	-7,184	0,198	0,282
CHR3	18151889	CHR3:18151889	SSF x LoA	-6,775	-0,091	0,293
CHR3	18165159	CHR3:18165159	SSF x LoA	-9,414	-0,010	0,270
CHR3	18165206	CHR3:18165206	SSF x LoA	-8,491	0,025	0,299
CHR3	18176718	CHR3:18176718	SSF x LoA	-7,030	-0,144	0,276
CHR3	18200614	CHR3:18200614	SSF x LoA	-7,407	-0,135	0,282
CHR3	18200812	CHR3:18200812	SSF x LoA	-7,491	-0,108	0,300
CHR3	18206816	CHR3:18206816	SSF x LoA	-9,911	0,041	0,283
CHR3	18206936	CHR3:18206936	SSF x LoA	-6,649	-0,070	0,291
CHR3	18212907	CHR3:18212907	SSF x LoA	-6,595	0,175	0,286
CHR3	18248999	CHR3:18248999	SSF x LoA	-9,612	0,063	0,279
CHR3	18328571	CHR3:18328571	SSF x LoA	-8,301	0,090	0,299
CHR3	18342358	CHR3:18342358	SSF x LoA	-10,812	-0,040	0,286
CHR3	18342486	CHR3:18342486	SSF x LoA	-8,820	-0,039	0,300
CHR3	18342534	CHR3:18342534	SSF x LoA	-4,729	-0,029	0,298
CHR3	18344204	CHR3:18344204	SSF x LoA	-9,131	0,093	0,296
CHR3	18344227	CHR3:18344227	SSF x LoA	-8,289	0,021	0,313
CHR3	18387370	CHR3:18387370	SSF x LoA	-10,280	0,047	0,298
CHR3	18397082	CHR3:18397082	SSF x LoA	-10,092	0,033	0,313
CHR3	18397094	CHR3:18397094	SSF x LoA	-7,219	-0,101	0,295
CHR3	18397324	CHR3:18397324	SSF x LoA	-7,025	-0,006	0,292
CHR3	18397468	CHR3:18397468	SSF x LoA	-8,715	0,046	0,287
CHR3	18413884	CHR3:18413884	SSF x LoA	-5,931	-0,211	0,275
CHR3	18413910	CHR3:18413910	SSF x LoA	-9,330	0,187	0,273
CHR3	18420513	CHR3:18420513	SSF x LoA	-1,431	-0,150	0,293
CHR3	18422693	CHR3:18422693	SSF x LoA	-9,128	0,035	0,305
CHR3	18422700	CHR3:18422700	SSF x LoA	-2,669	0,045	0,269
CHR3	18422766	CHR3:18422766	SSF x LoA	-11,277	-0,002	0,285
CHR3	18425111	CHR3:18425111	SSF x LoA	-8,766	0,069	0,283
CHR3	18437548	CHR3:18437548	SSF x LoA	-9,972	0,084	0,296
CHR3	18437550	CHR3:18437550	SSF x LoA	-8,071	0,002	0,302
CHR3	18437784	CHR3:18437784	SSF x LoA	-8,286	-0,138	0,269
CHR3	18472520	CHR3:18472520	SSF x LoA	-8,340	-0,079	0,286
CHR3	18472535	CHR3:18472535	SSF x LoA	-10,146	0,074	0,280
CHR3	18472985	CHR3:18472985	SSF x LoA	-11,529	0,058	0,276
CHR3	18473705	CHR3:18473705	SSF x LoA	-10,548	0,084	0,286
CHR3	18490263	CHR3:18490263	SSF x LoA	-8,434	0,002	0,282
CHR3	18497150	CHR3:18497150	SSF x LoA	-9,222	-0,067	0,284
CHR3	18497296	CHR3:18497296	SSF x LoA	-8,931	-0,036	0,283
CHR3	18502286	CHR3:18502286	SSF x LoA	-9,380	0,087	0,288
CHR3	18511025	CHR3:18511025	SSF x LoA	5,348	-0,153	0,284
CHR3	18511046	CHR3:18511046	SSF x LoA	-9,262	0,102	0,290
CHR3	18511058	CHR3:18511058	SSF x LoA	-8,703	-0,135	0,278
CHR3	18511131	CHR3:18511131	SSF x LoA	-7,626	0,031	0,291
CHR3	18513474	CHR3:18513474	SSF x LoA	-6,247	0,055	0,293
CHR3	18513519	CHR3:18513519	SSF x LoA	-9,920	-0,074	0,281
CHR3	18574135	CHR3:18574135	SSF x LoA	-9,766	0,054	0,293
CHR3	18584659	CHR3:18584659	SSF x LoA	-7,731	0,060	0,291
CHR3	18584675	CHR3:18584675	SSF x LoA	-10,367	-0,062	0,290
CHR3	18589154	CHR3:18589154	SSF x LoA	-10,199	0,061	0,287
CHR3	18589209	CHR3:18589209	SSF x LoA	-9,550	-0,009	0,281
CHR3	18592705	CHR3:18592705	SSF x LoA	-5,821	-0,042	0,288
CHR3	18596892	CHR3:18596892	SSF x LoA	-9,921	-0,027	0,292

CHR3	18604365	CHR3:18604365	SSF x LoA	-8,840	0,006	0,279
CHR3	18604398	CHR3:18604398	SSF x LoA	-7,775	-0,045	0,286
CHR3	1860481	CHR3:1860481	SSF x LoA	-8,548	0,045	0,257
CHR3	18613710	CHR3:18613710	SSF x LoA	-7,433	-0,003	0,289
CHR3	18613720	CHR3:18613720	SSF x LoA	-9,855	-0,014	0,289
CHR3	18613775	CHR3:18613775	SSF x LoA	-9,919	0,116	0,278
CHR3	18627695	CHR3:18627695	SSF x LoA	-10,735	0,058	0,294
CHR3	18627729	CHR3:18627729	SSF x LoA	-9,333	0,125	0,284
CHR3	18636943	CHR3:18636943	SSF x LoA	-6,200	0,123	0,281
CHR3	18636945	CHR3:18636945	SSF x LoA	-7,929	0,112	0,283
CHR3	18637374	CHR3:18637374	SSF x LoA	-9,049	-0,029	0,286
CHR3	18637397	CHR3:18637397	SSF x LoA	-8,663	0,009	0,288
CHR3	18637430	CHR3:18637430	SSF x LoA	-7,442	-0,083	0,295
CHR3	18662824	CHR3:18662824	SSF x LoA	-6,555	0,046	0,288
CHR3	18675807	CHR3:18675807	SSF x LoA	-7,235	-0,011	0,287
CHR3	18685821	CHR3:18685821	SSF x LoA	-10,750	-0,033	0,285
CHR3	18685949	CHR3:18685949	SSF x LoA	-8,218	-0,119	0,280
CHR3	18687467	CHR3:18687467	SSF x LoA	-8,106	0,153	0,286
CHR3	18687497	CHR3:18687497	SSF x LoA	-7,971	-0,073	0,281
CHR3	18687507	CHR3:18687507	SSF x LoA	-6,460	-0,076	0,284
CHR3	18687527	CHR3:18687527	SSF x LoA	-7,258	0,110	0,293
CHR3	18702910	CHR3:18702910	SSF x LoA	-10,326	0,127	0,279
CHR3	18720804	CHR3:18720804	SSF x LoA	-4,090	0,261	0,263
CHR3	18720885	CHR3:18720885	SSF x LoA	4,662	0,269	0,275
CHR3	18723732	CHR3:18723732	SSF x LoA	-9,735	-0,096	0,303
CHR3	18723775	CHR3:18723775	SSF x LoA	-8,065	-0,053	0,285
CHR3	18723869	CHR3:18723869	SSF x LoA	-10,210	0,017	0,297
CHR3	18729777	CHR3:18729777	SSF x LoA	-7,055	-0,121	0,290
CHR3	1873525	CHR3:1873525	SSF x LoA	-6,257	0,148	0,290
CHR3	1873614	CHR3:1873614	SSF x LoA	-10,935	-0,035	0,286
CHR3	1873620	CHR3:1873620	SSF x LoA	-4,830	-0,030	0,304
CHR3	1873740	CHR3:1873740	SSF x LoA	-10,353	-0,021	0,288
CHR3	18737420	CHR3:18737420	SSF x LoA	-10,321	0,086	0,290
CHR3	18737421	CHR3:18737421	SSF x LoA	-9,153	0,078	0,285
CHR3	18738380	CHR3:18738380	SSF x LoA	-10,561	0,056	0,286
CHR3	18757808	CHR3:18757808	SSF x LoA	0,017	-0,221	0,277
CHR3	18757839	CHR3:18757839	SSF x LoA	-9,527	0,051	0,290
CHR3	18757905	CHR3:18757905	SSF x LoA	-10,248	0,097	0,284
CHR3	18757925	CHR3:18757925	SSF x LoA	-10,283	0,033	0,296
CHR3	18757926	CHR3:18757926	SSF x LoA	-9,357	0,081	0,291
CHR3	18758018	CHR3:18758018	SSF x LoA	-10,055	0,068	0,287
CHR3	18758021	CHR3:18758021	SSF x LoA	-5,101	0,148	0,272
CHR3	18758065	CHR3:18758065	SSF x LoA	-6,966	0,117	0,289
CHR3	18758150	CHR3:18758150	SSF x LoA	-6,477	-0,011	0,301
CHR3	18758162	CHR3:18758162	SSF x LoA	-8,158	0,124	0,282
CHR3	18758189	CHR3:18758189	SSF x LoA	-9,597	0,084	0,291
CHR3	18760462	CHR3:18760462	SSF x LoA	-9,352	0,024	0,295
CHR3	18760495	CHR3:18760495	SSF x LoA	-10,901	0,027	0,287
CHR3	18763410	CHR3:18763410	SSF x LoA	-9,881	0,038	0,294
CHR3	18763422	CHR3:18763422	SSF x LoA	-10,086	-0,062	0,283
CHR3	18763477	CHR3:18763477	SSF x LoA	-10,594	0,040	0,277
CHR3	18763519	CHR3:18763519	SSF x LoA	-7,531	-0,053	0,295
CHR3	18773989	CHR3:18773989	SSF x LoA	-8,030	0,109	0,292

CHR3	18774093	CHR3:18774093	SSF x LoA	-0,723	0,090	0,283
CHR3	1877802	CHR3:1877802	SSF x LoA	-4,622	-0,171	0,286
CHR3	1877824	CHR3:1877824	SSF x LoA	-8,115	0,062	0,288
CHR3	1877850	CHR3:1877850	SSF x LoA	-10,566	-0,078	0,289
CHR3	1877863	CHR3:1877863	SSF x LoA	-7,598	0,092	0,270
CHR3	1877865	CHR3:1877865	SSF x LoA	-8,093	0,057	0,279
CHR3	1877872	CHR3:1877872	SSF x LoA	-7,734	0,027	0,299
CHR3	1878064	CHR3:1878064	SSF x LoA	-9,733	0,032	0,299
CHR3	1878107	CHR3:1878107	SSF x LoA	-6,235	-0,168	0,272
CHR3	1878144	CHR3:1878144	SSF x LoA	-0,272	0,165	0,289
CHR3	1879510	CHR3:1879510	SSF x LoA	-7,474	0,049	0,291
CHR3	18799089	CHR3:18799089	SSF x LoA	-10,632	0,054	0,293
CHR3	18799137	CHR3:18799137	SSF x LoA	-10,169	0,071	0,291
CHR3	18799188	CHR3:18799188	SSF x LoA	-9,626	-0,122	0,285
CHR3	18799253	CHR3:18799253	SSF x LoA	-9,351	-0,003	0,290
CHR3	18799297	CHR3:18799297	SSF x LoA	-8,642	0,016	0,310
CHR3	18814971	CHR3:18814971	SSF x LoA	-5,791	0,054	0,290
CHR3	18815117	CHR3:18815117	SSF x LoA	-3,819	0,111	0,290
CHR3	18831145	CHR3:18831145	SSF x LoA	-10,262	0,035	0,287
CHR3	18831531	CHR3:18831531	SSF x LoA	-1,635	-0,244	0,276
CHR3	18831549	CHR3:18831549	SSF x LoA	-4,818	0,030	0,305
CHR3	18849684	CHR3:18849684	SSF x LoA	-5,264	-0,099	0,286
CHR3	18849882	CHR3:18849882	SSF x LoA	-8,461	0,051	0,292
CHR3	18849901	CHR3:18849901	SSF x LoA	-8,860	-0,025	0,291
CHR3	18849919	CHR3:18849919	SSF x LoA	-7,787	0,026	0,285
CHR3	18849947	CHR3:18849947	SSF x LoA	-4,072	0,098	0,278
CHR3	18849952	CHR3:18849952	SSF x LoA	-10,181	0,107	0,292
CHR3	18883103	CHR3:18883103	SSF x LoA	-5,931	0,086	0,301
CHR3	18883196	CHR3:18883196	SSF x LoA	-5,933	0,083	0,287
CHR3	18905533	CHR3:18905533	SSF x LoA	-8,173	0,057	0,285
CHR3	18905609	CHR3:18905609	SSF x LoA	-8,237	0,062	0,281
CHR3	18905657	CHR3:18905657	SSF x LoA	-8,920	-0,002	0,292
CHR3	18905811	CHR3:18905811	SSF x LoA	-8,702	0,021	0,285
CHR3	18905840	CHR3:18905840	SSF x LoA	-11,634	0,015	0,295
CHR3	18905853	CHR3:18905853	SSF x LoA	-6,499	0,050	0,307
CHR3	18930948	CHR3:18930948	SSF x LoA	-7,847	0,004	0,293
CHR3	18931019	CHR3:18931019	SSF x LoA	-8,882	0,029	0,265
CHR3	18931022	CHR3:18931022	SSF x LoA	-7,620	0,057	0,281
CHR3	18932641	CHR3:18932641	SSF x LoA	-8,241	0,093	0,279
CHR3	18932709	CHR3:18932709	SSF x LoA	-11,207	-0,060	0,277
CHR3	18949010	CHR3:18949010	SSF x LoA	-6,525	-0,093	0,284
CHR3	18949122	CHR3:18949122	SSF x LoA	-6,904	0,144	0,294
CHR3	18975187	CHR3:18975187	SSF x LoA	-4,168	-0,183	0,284
CHR3	18978728	CHR3:18978728	SSF x LoA	-6,627	0,090	0,300
CHR3	18994484	CHR3:18994484	SSF x LoA	-9,877	-0,119	0,277
CHR3	18996288	CHR3:18996288	SSF x LoA	-8,307	-0,037	0,293
CHR3	18996289	CHR3:18996289	SSF x LoA	-5,537	0,006	0,298
CHR3	19000609	CHR3:19000609	SSF x LoA	-6,362	0,159	0,287
CHR3	19017596	CHR3:19017596	SSF x LoA	-11,501	0,015	0,294
CHR3	19017689	CHR3:19017689	SSF x LoA	-8,930	-0,015	0,291
CHR3	19017731	CHR3:19017731	SSF x LoA	-7,998	0,022	0,282
CHR3	19017733	CHR3:19017733	SSF x LoA	-9,803	0,086	0,270
CHR3	19017753	CHR3:19017753	SSF x LoA	-9,111	0,008	0,275

CHR3	19017907	CHR3:19017907	SSF x LoA	-8,948	0,007	0,298
CHR3	19018003	CHR3:19018003	SSF x LoA	-8,728	-0,036	0,296
CHR3	19050357	CHR3:19050357	SSF x LoA	-8,496	-0,023	0,287
CHR3	19050433	CHR3:19050433	SSF x LoA	-6,627	0,070	0,284
CHR3	19050444	CHR3:19050444	SSF x LoA	-10,878	0,077	0,275
CHR3	19060107	CHR3:19060107	SSF x LoA	-9,414	0,058	0,297
CHR3	19060257	CHR3:19060257	SSF x LoA	-10,773	0,028	0,286
CHR3	19078421	CHR3:19078421	SSF x LoA	-6,944	-0,123	0,285
CHR3	19081671	CHR3:19081671	SSF x LoA	-6,307	0,037	0,294
CHR3	19086544	CHR3:19086544	SSF x LoA	-9,364	-0,036	0,303
CHR3	19119874	CHR3:19119874	SSF x LoA	-7,755	-0,089	0,295
CHR3	19120079	CHR3:19120079	SSF x LoA	-0,230	0,053	0,287
CHR3	19120088	CHR3:19120088	SSF x LoA	-7,608	0,027	0,298
CHR3	19120091	CHR3:19120091	SSF x LoA	-9,879	0,035	0,287
CHR3	19133892	CHR3:19133892	SSF x LoA	-10,252	0,121	0,284
CHR3	19133951	CHR3:19133951	SSF x LoA	-7,092	0,118	0,272
CHR3	19141092	CHR3:19141092	SSF x LoA	-5,504	-0,018	0,290
CHR3	19141179	CHR3:19141179	SSF x LoA	-7,107	-0,223	0,271
CHR3	19151513	CHR3:19151513	SSF x LoA	-8,111	-0,031	0,300
CHR3	19162433	CHR3:19162433	SSF x LoA	-10,646	-0,052	0,284
CHR3	19178469	CHR3:19178469	SSF x LoA	-8,392	-0,004	0,286
CHR3	19178498	CHR3:19178498	SSF x LoA	-7,561	-0,016	0,288
CHR3	19178567	CHR3:19178567	SSF x LoA	-10,118	-0,076	0,292
CHR3	19178681	CHR3:19178681	SSF x LoA	-10,454	-0,095	0,288
CHR3	19178839	CHR3:19178839	SSF x LoA	-9,107	-0,028	0,305
CHR3	19178840	CHR3:19178840	SSF x LoA	-9,160	-0,102	0,295
CHR3	19188470	CHR3:19188470	SSF x LoA	-9,795	-0,010	0,312
CHR3	19188551	CHR3:19188551	SSF x LoA	-8,431	0,091	0,294
CHR3	19188556	CHR3:19188556	SSF x LoA	-9,888	-0,023	0,293
CHR3	19188570	CHR3:19188570	SSF x LoA	-8,492	-0,069	0,275
CHR3	19192684	CHR3:19192684	SSF x LoA	-8,650	-0,103	0,284
CHR3	19192778	CHR3:19192778	SSF x LoA	-9,623	0,099	0,291
CHR3	19192816	CHR3:19192816	SSF x LoA	-9,231	-0,036	0,301
CHR3	19192998	CHR3:19192998	SSF x LoA	-7,462	-0,100	0,292
CHR3	19197807	CHR3:19197807	SSF x LoA	-8,490	-0,065	0,283
CHR3	19197820	CHR3:19197820	SSF x LoA	-7,962	-0,038	0,290
CHR3	19198057	CHR3:19198057	SSF x LoA	-10,799	0,095	0,282
CHR3	19212522	CHR3:19212522	SSF x LoA	-7,192	-0,142	0,278
CHR3	19212600	CHR3:19212600	SSF x LoA	-9,646	-0,071	0,284
CHR3	1922691	CHR3:1922691	SSF x LoA	-10,671	0,095	0,295
CHR3	19239797	CHR3:19239797	SSF x LoA	-7,527	0,017	0,293
CHR3	19239967	CHR3:19239967	SSF x LoA	-8,181	0,036	0,288
CHR3	19247164	CHR3:19247164	SSF x LoA	-7,047	-0,037	0,282
CHR3	19247195	CHR3:19247195	SSF x LoA	-9,036	0,011	0,280
CHR3	19247272	CHR3:19247272	SSF x LoA	-10,151	-0,022	0,288
CHR3	19247411	CHR3:19247411	SSF x LoA	-10,466	0,048	0,290
CHR3	19247477	CHR3:19247477	SSF x LoA	-12,063	0,084	0,281
CHR3	19247511	CHR3:19247511	SSF x LoA	-5,185	0,044	0,297
CHR3	19247542	CHR3:19247542	SSF x LoA	-9,869	-0,013	0,303
CHR3	19254161	CHR3:19254161	SSF x LoA	-9,418	0,014	0,287
CHR3	19254248	CHR3:19254248	SSF x LoA	-8,252	-0,080	0,294
CHR3	19254289	CHR3:19254289	SSF x LoA	-5,662	-0,133	0,298
CHR3	19259937	CHR3:19259937	SSF x LoA	-9,461	-0,067	0,294

CHR3	19259994	CHR3:19259994	SSF x LoA	-7,560	-0,078	0,299
CHR3	19260145	CHR3:19260145	SSF x LoA	-7,592	-0,107	0,287
CHR3	19260159	CHR3:19260159	SSF x LoA	-9,694	0,006	0,295
CHR3	19260169	CHR3:19260169	SSF x LoA	-8,965	0,167	0,296
CHR3	19260231	CHR3:19260231	SSF x LoA	-6,439	-0,055	0,295
CHR3	19271300	CHR3:19271300	SSF x LoA	-4,900	0,123	0,277
CHR3	19275239	CHR3:19275239	SSF x LoA	-7,811	-0,079	0,299
CHR3	19281759	CHR3:19281759	SSF x LoA	-8,709	-0,166	0,280
CHR3	1930663	CHR3:1930663	SSF x LoA	-9,961	-0,042	0,282
CHR3	19381245	CHR3:19381245	SSF x LoA	-9,943	0,040	0,305
CHR3	1940748	CHR3:1940748	SSF x LoA	1,034	0,045	0,288
CHR3	1940777	CHR3:1940777	SSF x LoA	-8,160	0,046	0,288
CHR3	1940819	CHR3:1940819	SSF x LoA	-10,910	-0,006	0,273
CHR3	1940872	CHR3:1940872	SSF x LoA	-9,024	0,064	0,290
CHR3	1946352	CHR3:1946352	SSF x LoA	-8,818	-0,050	0,293
CHR3	1946363	CHR3:1946363	SSF x LoA	-8,246	0,147	0,289
CHR3	1946387	CHR3:1946387	SSF x LoA	-5,677	-0,053	0,288
CHR3	1949108	CHR3:1949108	SSF x LoA	-8,945	0,106	0,281
CHR3	1949151	CHR3:1949151	SSF x LoA	-1,864	-0,194	0,272
CHR3	1949165	CHR3:1949165	SSF x LoA	-3,733	0,203	0,273
CHR3	1949266	CHR3:1949266	SSF x LoA	-8,158	0,056	0,295
CHR3	1950943	CHR3:1950943	SSF x LoA	-6,337	-0,187	0,278
CHR3	1950960	CHR3:1950960	SSF x LoA	-10,039	0,037	0,291
CHR3	1951019	CHR3:1951019	SSF x LoA	-11,067	0,040	0,288
CHR3	2005851	CHR3:2005851	SSF x LoA	-2,169	-0,102	0,256
CHR3	2005894	CHR3:2005894	SSF x LoA	-9,548	-0,096	0,285
CHR3	2005985	CHR3:2005985	SSF x LoA	-10,396	-0,028	0,279
CHR3	2014183	CHR3:2014183	SSF x LoA	-8,881	-0,099	0,299
CHR3	2014209	CHR3:2014209	SSF x LoA	-11,761	0,012	0,278
CHR3	2014235	CHR3:2014235	SSF x LoA	-8,875	0,054	0,297
CHR3	2014272	CHR3:2014272	SSF x LoA	-7,953	-0,034	0,294
CHR3	2014367	CHR3:2014367	SSF x LoA	-6,379	-0,110	0,288
CHR3	2014388	CHR3:2014388	SSF x LoA	-6,899	-0,069	0,291
CHR3	2014405	CHR3:2014405	SSF x LoA	-8,439	-0,054	0,303
CHR3	2014428	CHR3:2014428	SSF x LoA	-10,207	0,020	0,279
CHR3	2014438	CHR3:2014438	SSF x LoA	-11,328	-0,045	0,283
CHR3	2023216	CHR3:2023216	SSF x LoA	-9,244	-0,058	0,305
CHR3	2023449	CHR3:2023449	SSF x LoA	-8,883	-0,060	0,304
CHR3	2024435	CHR3:2024435	SSF x LoA	-7,470	-0,067	0,267
CHR3	2024497	CHR3:2024497	SSF x LoA	-9,639	0,074	0,284
CHR3	2026049	CHR3:2026049	SSF x LoA	-9,474	-0,117	0,274
CHR3	2050445	CHR3:2050445	SSF x LoA	-7,577	-0,039	0,293
CHR3	2050755	CHR3:2050755	SSF x LoA	-5,950	0,056	0,289
CHR3	2103187	CHR3:2103187	SSF x LoA	-8,185	0,190	0,290
CHR3	2103197	CHR3:2103197	SSF x LoA	-6,928	0,163	0,294
CHR3	2104840	CHR3:2104840	SSF x LoA	-10,698	0,067	0,288
CHR3	2142880	CHR3:2142880	SSF x LoA	-7,882	0,178	0,285
CHR3	2142889	CHR3:2142889	SSF x LoA	-6,084	-0,161	0,266
CHR3	2142902	CHR3:2142902	SSF x LoA	-5,873	-0,003	0,299
CHR3	2142953	CHR3:2142953	SSF x LoA	-4,366	0,133	0,295
CHR3	2142963	CHR3:2142963	SSF x LoA	-6,714	0,115	0,285
CHR3	2142964	CHR3:2142964	SSF x LoA	-0,963	0,106	0,287
CHR3	2142989	CHR3:2142989	SSF x LoA	-7,616	0,092	0,288

CHR3	2144775	CHR3:2144775	SSF x LoA	-4,989	-0,077	0,293
CHR3	2144828	CHR3:2144828	SSF x LoA	-9,712	0,004	0,283
CHR3	2144855	CHR3:2144855	SSF x LoA	-9,488	-0,045	0,300
CHR3	2144875	CHR3:2144875	SSF x LoA	-9,534	-0,057	0,280
CHR3	2144920	CHR3:2144920	SSF x LoA	-10,624	-0,040	0,284
CHR3	2144971	CHR3:2144971	SSF x LoA	-7,554	-0,066	0,294
CHR3	2160733	CHR3:2160733	SSF x LoA	-6,974	0,086	0,295
CHR3	2160764	CHR3:2160764	SSF x LoA	-9,725	0,098	0,293
CHR3	2160968	CHR3:2160968	SSF x LoA	-8,628	0,106	0,291
CHR3	2161025	CHR3:2161025	SSF x LoA	-10,856	0,029	0,280
CHR3	2161064	CHR3:2161064	SSF x LoA	-9,939	-0,015	0,288
CHR3	2161109	CHR3:2161109	SSF x LoA	-8,718	-0,067	0,291
CHR3	2167250	CHR3:2167250	SSF x LoA	-9,178	-0,064	0,282
CHR3	2167265	CHR3:2167265	SSF x LoA	-11,669	-0,007	0,305
CHR3	2167408	CHR3:2167408	SSF x LoA	-4,417	0,245	0,277
CHR3	2168246	CHR3:2168246	SSF x LoA	-9,398	-0,075	0,274
CHR3	2177221	CHR3:2177221	SSF x LoA	-9,086	-0,038	0,297
CHR3	2177275	CHR3:2177275	SSF x LoA	-8,507	0,010	0,305
CHR3	2177326	CHR3:2177326	SSF x LoA	-10,201	0,050	0,288
CHR3	2177627	CHR3:2177627	SSF x LoA	-9,662	0,012	0,278
CHR3	2177637	CHR3:2177637	SSF x LoA	-7,079	-0,001	0,287
CHR3	2177643	CHR3:2177643	SSF x LoA	-8,884	-0,036	0,275
CHR3	2177745	CHR3:2177745	SSF x LoA	-10,146	0,031	0,307
CHR3	2177765	CHR3:2177765	SSF x LoA	-10,131	-0,075	0,292
CHR3	2189020	CHR3:2189020	SSF x LoA	-7,489	0,029	0,295
CHR3	2189064	CHR3:2189064	SSF x LoA	-5,531	-0,047	0,284
CHR3	2191304	CHR3:2191304	SSF x LoA	-6,889	0,076	0,293
CHR3	2198777	CHR3:2198777	SSF x LoA	-9,356	-0,102	0,291
CHR3	2198916	CHR3:2198916	SSF x LoA	-10,623	0,040	0,287
CHR3	2202112	CHR3:2202112	SSF x LoA	-10,001	-0,085	0,280
CHR3	2202131	CHR3:2202131	SSF x LoA	-10,531	-0,030	0,292
CHR3	2203163	CHR3:2203163	SSF x LoA	-9,844	-0,039	0,281
CHR3	2205311	CHR3:2205311	SSF x LoA	-7,376	0,169	0,282
CHR3	2205477	CHR3:2205477	SSF x LoA	-11,404	-0,041	0,267
CHR3	2212442	CHR3:2212442	SSF x LoA	-9,783	0,015	0,285
CHR3	2216444	CHR3:2216444	SSF x LoA	-9,197	0,045	0,278
CHR3	2216513	CHR3:2216513	SSF x LoA	-9,239	0,054	0,298
CHR3	2216568	CHR3:2216568	SSF x LoA	-4,216	-0,156	0,282
CHR3	2216623	CHR3:2216623	SSF x LoA	-9,065	-0,164	0,270
CHR3	2222792	CHR3:2222792	SSF x LoA	-7,929	0,094	0,285
CHR3	2222911	CHR3:2222911	SSF x LoA	-8,891	-0,025	0,284
CHR3	2223307	CHR3:2223307	SSF x LoA	-6,574	-0,033	0,263
CHR3	2223391	CHR3:2223391	SSF x LoA	-8,009	-0,105	0,280
CHR3	2223396	CHR3:2223396	SSF x LoA	-10,288	-0,073	0,282
CHR3	2226977	CHR3:2226977	SSF x LoA	-10,006	0,021	0,294
CHR3	2227205	CHR3:2227205	SSF x LoA	-8,183	0,012	0,285
CHR3	2251710	CHR3:2251710	SSF x LoA	-9,064	0,073	0,297
CHR3	2251824	CHR3:2251824	SSF x LoA	-8,011	0,053	0,286
CHR3	2251841	CHR3:2251841	SSF x LoA	-8,527	0,056	0,282
CHR3	2251842	CHR3:2251842	SSF x LoA	-7,886	0,066	0,286
CHR3	2251871	CHR3:2251871	SSF x LoA	-5,708	0,013	0,285
CHR3	2251886	CHR3:2251886	SSF x LoA	-7,528	-0,011	0,293
CHR3	2251898	CHR3:2251898	SSF x LoA	-6,193	-0,162	0,287

CHR3	2284910	CHR3:2284910	SSF x LoA	-10,405	0,085	0,294
CHR3	2285005	CHR3:2285005	SSF x LoA	-5,743	0,056	0,288
CHR3	2285020	CHR3:2285020	SSF x LoA	-8,110	0,105	0,288
CHR3	2285076	CHR3:2285076	SSF x LoA	-8,163	0,123	0,275
CHR3	2285165	CHR3:2285165	SSF x LoA	-8,693	0,101	0,284
CHR3	2329484	CHR3:2329484	SSF x LoA	-9,076	-0,057	0,301
CHR3	2329568	CHR3:2329568	SSF x LoA	-11,233	-0,018	0,282
CHR3	2329812	CHR3:2329812	SSF x LoA	-8,241	0,001	0,304
CHR3	2336160	CHR3:2336160	SSF x LoA	-9,200	-0,032	0,276
CHR3	2336185	CHR3:2336185	SSF x LoA	-7,777	0,064	0,289
CHR3	2336301	CHR3:2336301	SSF x LoA	3,352	-0,236	0,263
CHR3	2358709	CHR3:2358709	SSF x LoA	-6,209	0,147	0,279
CHR3	2358766	CHR3:2358766	SSF x LoA	-9,090	-0,050	0,277
CHR3	2358794	CHR3:2358794	SSF x LoA	-1,905	-0,070	0,283
CHR3	2358812	CHR3:2358812	SSF x LoA	-6,193	-0,129	0,286
CHR3	2358915	CHR3:2358915	SSF x LoA	-7,315	-0,185	0,280
CHR3	2359018	CHR3:2359018	SSF x LoA	-8,743	-0,002	0,293
CHR3	2376689	CHR3:2376689	SSF x LoA	-10,061	0,006	0,285
CHR3	2376819	CHR3:2376819	SSF x LoA	-9,277	0,075	0,301
CHR3	2376972	CHR3:2376972	SSF x LoA	-6,445	-0,096	0,291
CHR3	2376985	CHR3:2376985	SSF x LoA	-7,858	0,074	0,281
CHR3	2377046	CHR3:2377046	SSF x LoA	-8,309	-0,168	0,278
CHR3	2403724	CHR3:2403724	SSF x LoA	-7,868	0,028	0,305
CHR3	2403784	CHR3:2403784	SSF x LoA	-2,937	0,090	0,302
CHR3	2423702	CHR3:2423702	SSF x LoA	-7,552	0,087	0,289
CHR3	2423887	CHR3:2423887	SSF x LoA	-7,105	-0,108	0,286
CHR3	2424023	CHR3:2424023	SSF x LoA	-6,796	-0,215	0,259
CHR3	2458073	CHR3:2458073	SSF x LoA	-10,030	0,018	0,302
CHR3	2458120	CHR3:2458120	SSF x LoA	-7,698	0,022	0,300
CHR3	2458131	CHR3:2458131	SSF x LoA	-9,610	0,085	0,293
CHR3	2458176	CHR3:2458176	SSF x LoA	-5,149	0,051	0,298
CHR3	2477538	CHR3:2477538	SSF x LoA	-10,576	-0,110	0,290
CHR3	2489464	CHR3:2489464	SSF x LoA	-10,770	0,051	0,293
CHR3	2489515	CHR3:2489515	SSF x LoA	-10,315	-0,107	0,291
CHR3	2493855	CHR3:2493855	SSF x LoA	-10,770	0,086	0,277
CHR3	2493873	CHR3:2493873	SSF x LoA	-8,551	0,064	0,289
CHR3	2511839	CHR3:2511839	SSF x LoA	-10,517	-0,040	0,284
CHR3	2512156	CHR3:2512156	SSF x LoA	-10,037	0,140	0,286
CHR3	2518267	CHR3:2518267	SSF x LoA	-9,128	0,177	0,278
CHR3	2538325	CHR3:2538325	SSF x LoA	-7,342	0,048	0,299
CHR3	2553902	CHR3:2553902	SSF x LoA	-7,235	-0,170	0,276
CHR3	2553917	CHR3:2553917	SSF x LoA	-7,569	-0,161	0,284
CHR3	2563183	CHR3:2563183	SSF x LoA	-8,107	-0,032	0,293
CHR3	2563237	CHR3:2563237	SSF x LoA	-4,748	-0,077	0,284
CHR3	2563259	CHR3:2563259	SSF x LoA	-7,443	0,093	0,278
CHR3	2563260	CHR3:2563260	SSF x LoA	-6,924	0,108	0,274
CHR3	2570254	CHR3:2570254	SSF x LoA	-10,175	-0,080	0,283
CHR3	2570295	CHR3:2570295	SSF x LoA	-7,803	0,094	0,285
CHR3	2570306	CHR3:2570306	SSF x LoA	-11,264	-0,029	0,290
CHR3	2570322	CHR3:2570322	SSF x LoA	-8,608	-0,052	0,289
CHR3	2570436	CHR3:2570436	SSF x LoA	-9,387	-0,105	0,286
CHR3	2570455	CHR3:2570455	SSF x LoA	-10,142	-0,014	0,287
CHR3	2578195	CHR3:2578195	SSF x LoA	-6,873	-0,104	0,296

CHR3	2578266	CHR3:2578266	SSF x LoA	-8,786	0,099	0,287
CHR3	2578317	CHR3:2578317	SSF x LoA	-9,576	-0,019	0,286
CHR3	2578333	CHR3:2578333	SSF x LoA	-6,457	-0,110	0,299
CHR3	2578334	CHR3:2578334	SSF x LoA	-10,562	-0,081	0,292
CHR3	2606237	CHR3:2606237	SSF x LoA	-8,144	0,017	0,285
CHR3	2629261	CHR3:2629261	SSF x LoA	-9,750	0,135	0,283
CHR3	2629368	CHR3:2629368	SSF x LoA	-10,314	0,070	0,286
CHR3	2629389	CHR3:2629389	SSF x LoA	-7,573	0,052	0,288
CHR3	2640121	CHR3:2640121	SSF x LoA	-7,386	0,013	0,284
CHR3	2643872	CHR3:2643872	SSF x LoA	-8,096	0,077	0,302
CHR3	2663072	CHR3:2663072	SSF x LoA	-11,300	0,032	0,285
CHR3	2663076	CHR3:2663076	SSF x LoA	-8,038	0,139	0,296
CHR3	2663122	CHR3:2663122	SSF x LoA	-11,413	0,020	0,294
CHR3	2663138	CHR3:2663138	SSF x LoA	0,265	-0,152	0,290
CHR3	2663328	CHR3:2663328	SSF x LoA	-6,383	0,038	0,299
CHR3	2663346	CHR3:2663346	SSF x LoA	-5,390	0,190	0,283
CHR3	2672581	CHR3:2672581	SSF x LoA	-6,238	-0,136	0,296
CHR3	2672608	CHR3:2672608	SSF x LoA	-8,369	-0,108	0,297
CHR3	2672649	CHR3:2672649	SSF x LoA	-9,544	0,046	0,301
CHR3	2672772	CHR3:2672772	SSF x LoA	-10,688	0,011	0,295
CHR3	2672883	CHR3:2672883	SSF x LoA	-10,460	-0,090	0,291
CHR3	2680319	CHR3:2680319	SSF x LoA	-8,117	0,062	0,296
CHR3	2680357	CHR3:2680357	SSF x LoA	-8,606	0,050	0,293
CHR3	2680421	CHR3:2680421	SSF x LoA	-7,119	0,127	0,303
CHR3	2683756	CHR3:2683756	SSF x LoA	-7,418	0,049	0,305
CHR3	2683820	CHR3:2683820	SSF x LoA	-5,789	0,165	0,280
CHR3	2683877	CHR3:2683877	SSF x LoA	-4,106	0,157	0,283
CHR3	2691713	CHR3:2691713	SSF x LoA	-11,119	-0,015	0,300
CHR3	2700339	CHR3:2700339	SSF x LoA	-10,078	-0,003	0,276
CHR3	2700340	CHR3:2700340	SSF x LoA	-10,863	0,002	0,290
CHR3	2700379	CHR3:2700379	SSF x LoA	-5,686	-0,015	0,291
CHR3	2700480	CHR3:2700480	SSF x LoA	-7,428	-0,086	0,277
CHR3	2700488	CHR3:2700488	SSF x LoA	-7,527	0,061	0,289
CHR3	2700496	CHR3:2700496	SSF x LoA	-9,135	-0,024	0,288
CHR3	2700563	CHR3:2700563	SSF x LoA	-7,365	-0,009	0,295
CHR3	2700628	CHR3:2700628	SSF x LoA	-7,350	0,002	0,300
CHR3	2700629	CHR3:2700629	SSF x LoA	-9,046	0,006	0,284
CHR3	2700709	CHR3:2700709	SSF x LoA	-10,240	-0,018	0,293
CHR3	2708236	CHR3:2708236	SSF x LoA	-7,220	0,087	0,296
CHR3	2708261	CHR3:2708261	SSF x LoA	-6,664	-0,067	0,295
CHR3	2708264	CHR3:2708264	SSF x LoA	-10,236	0,049	0,298
CHR3	2708309	CHR3:2708309	SSF x LoA	-9,142	-0,074	0,283
CHR3	2708311	CHR3:2708311	SSF x LoA	-6,600	0,055	0,276
CHR3	2708455	CHR3:2708455	SSF x LoA	-2,810	-0,067	0,288
CHR3	2708495	CHR3:2708495	SSF x LoA	-9,408	-0,020	0,277
CHR3	2719849	CHR3:2719849	SSF x LoA	-9,592	0,015	0,269
CHR3	2719908	CHR3:2719908	SSF x LoA	-9,290	-0,108	0,288
CHR3	2719918	CHR3:2719918	SSF x LoA	-6,465	0,087	0,277
CHR3	2719931	CHR3:2719931	SSF x LoA	-10,071	0,051	0,291
CHR3	2719994	CHR3:2719994	SSF x LoA	-7,659	0,019	0,310
CHR3	2742883	CHR3:2742883	SSF x LoA	-9,498	-0,035	0,280
CHR3	2743081	CHR3:2743081	SSF x LoA	-6,296	-0,069	0,288
CHR3	2767150	CHR3:2767150	SSF x LoA	-11,350	0,039	0,285

CHR3	2767441	CHR3:2767441	SSF x LoA	-10,978	0,023	0,283
CHR3	2771106	CHR3:2771106	SSF x LoA	-5,348	-0,146	0,293
CHR3	2771149	CHR3:2771149	SSF x LoA	-9,081	-0,028	0,294
CHR3	2771196	CHR3:2771196	SSF x LoA	-8,571	0,088	0,289
CHR3	2771205	CHR3:2771205	SSF x LoA	-8,198	0,008	0,275
CHR3	2771277	CHR3:2771277	SSF x LoA	-4,204	-0,149	0,279
CHR3	2771331	CHR3:2771331	SSF x LoA	-3,636	-0,201	0,258
CHR3	2774294	CHR3:2774294	SSF x LoA	-9,896	-0,097	0,283
CHR3	2776579	CHR3:2776579	SSF x LoA	-9,803	0,069	0,281
CHR3	2776580	CHR3:2776580	SSF x LoA	-11,009	0,003	0,286
CHR3	2776720	CHR3:2776720	SSF x LoA	-7,953	0,118	0,284
CHR3	2776736	CHR3:2776736	SSF x LoA	-8,142	0,094	0,288
CHR3	2808638	CHR3:2808638	SSF x LoA	-10,718	-0,001	0,293
CHR3	2809570	CHR3:2809570	SSF x LoA	-2,244	0,154	0,280
CHR3	2813823	CHR3:2813823	SSF x LoA	-8,036	0,085	0,303
CHR3	2825489	CHR3:2825489	SSF x LoA	-9,020	-0,025	0,293
CHR3	2825653	CHR3:2825653	SSF x LoA	-9,265	-0,064	0,299
CHR3	2827008	CHR3:2827008	SSF x LoA	-8,604	0,030	0,295
CHR3	2854443	CHR3:2854443	SSF x LoA	-10,193	-0,067	0,295
CHR3	2854518	CHR3:2854518	SSF x LoA	-9,821	0,013	0,286
CHR3	2854553	CHR3:2854553	SSF x LoA	-9,748	0,068	0,300
CHR3	2854589	CHR3:2854589	SSF x LoA	-7,343	-0,060	0,279
CHR3	2854626	CHR3:2854626	SSF x LoA	-8,374	0,005	0,279
CHR3	2854636	CHR3:2854636	SSF x LoA	-10,759	-0,019	0,291
CHR3	2854643	CHR3:2854643	SSF x LoA	-10,723	-0,015	0,299
CHR3	2854660	CHR3:2854660	SSF x LoA	-9,801	0,073	0,273
CHR3	2861056	CHR3:2861056	SSF x LoA	-10,035	-0,096	0,279
CHR3	2861057	CHR3:2861057	SSF x LoA	-8,541	0,168	0,278
CHR3	2861228	CHR3:2861228	SSF x LoA	-6,679	0,092	0,293
CHR3	2861230	CHR3:2861230	SSF x LoA	-8,013	0,059	0,303
CHR3	2861252	CHR3:2861252	SSF x LoA	-8,285	0,102	0,282
CHR3	2861266	CHR3:2861266	SSF x LoA	-5,087	0,136	0,277
CHR3	2861280	CHR3:2861280	SSF x LoA	-9,666	0,026	0,289
CHR3	2861318	CHR3:2861318	SSF x LoA	-8,032	-0,020	0,291
CHR3	2861387	CHR3:2861387	SSF x LoA	-7,532	0,085	0,294
CHR3	2861401	CHR3:2861401	SSF x LoA	-8,607	-0,023	0,295
CHR3	2866769	CHR3:2866769	SSF x LoA	-9,854	0,139	0,282
CHR3	2866823	CHR3:2866823	SSF x LoA	-3,022	0,217	0,273
CHR3	2866887	CHR3:2866887	SSF x LoA	-8,622	0,137	0,282
CHR3	2866909	CHR3:2866909	SSF x LoA	-7,968	0,135	0,288
CHR3	2866965	CHR3:2866965	SSF x LoA	-3,009	0,161	0,277
CHR3	2867049	CHR3:2867049	SSF x LoA	-9,134	0,022	0,293
CHR3	2872289	CHR3:2872289	SSF x LoA	-4,578	-0,177	0,271
CHR3	2872300	CHR3:2872300	SSF x LoA	-4,820	-0,190	0,286
CHR3	2872323	CHR3:2872323	SSF x LoA	-6,808	0,171	0,282
CHR3	2872341	CHR3:2872341	SSF x LoA	-6,700	-0,191	0,284
CHR3	2872353	CHR3:2872353	SSF x LoA	-9,452	-0,063	0,286
CHR3	2872804	CHR3:2872804	SSF x LoA	-7,593	-0,071	0,299
CHR3	2881787	CHR3:2881787	SSF x LoA	-8,017	0,092	0,278
CHR3	2896737	CHR3:2896737	SSF x LoA	-8,129	0,037	0,293
CHR3	2896773	CHR3:2896773	SSF x LoA	-10,774	0,074	0,292
CHR3	2896869	CHR3:2896869	SSF x LoA	-6,903	-0,067	0,298
CHR3	2897939	CHR3:2897939	SSF x LoA	-7,860	0,149	0,287

CHR3	2897957	CHR3:2897957	SSF x LoA	-8,685	0,147	0,283
CHR3	2897973	CHR3:2897973	SSF x LoA	-11,129	-0,077	0,284
CHR3	2897992	CHR3:2897992	SSF x LoA	-9,344	-0,049	0,296
CHR3	2897996	CHR3:2897996	SSF x LoA	-3,534	0,141	0,279
CHR3	2898018	CHR3:2898018	SSF x LoA	-8,195	-0,060	0,297
CHR3	2900443	CHR3:2900443	SSF x LoA	-7,749	-0,036	0,300
CHR3	2904589	CHR3:2904589	SSF x LoA	4,627	-0,208	0,277
CHR3	2904597	CHR3:2904597	SSF x LoA	-8,271	0,155	0,280
CHR3	2912714	CHR3:2912714	SSF x LoA	-7,758	0,065	0,291
CHR3	2912749	CHR3:2912749	SSF x LoA	-9,911	0,092	0,297
CHR3	2912754	CHR3:2912754	SSF x LoA	-7,050	0,136	0,299
CHR3	2913064	CHR3:2913064	SSF x LoA	-10,872	0,046	0,273
CHR3	2913081	CHR3:2913081	SSF x LoA	-9,834	0,085	0,281
CHR3	2922428	CHR3:2922428	SSF x LoA	-10,093	-0,139	0,290
CHR3	2922670	CHR3:2922670	SSF x LoA	-9,704	-0,085	0,294
CHR3	2924274	CHR3:2924274	SSF x LoA	-8,439	0,034	0,292
CHR3	2931304	CHR3:2931304	SSF x LoA	-9,294	-0,054	0,279
CHR3	2931345	CHR3:2931345	SSF x LoA	-7,762	-0,096	0,289
CHR3	2931408	CHR3:2931408	SSF x LoA	-7,771	0,074	0,295
CHR3	2931498	CHR3:2931498	SSF x LoA	-7,897	-0,023	0,293
CHR3	2934005	CHR3:2934005	SSF x LoA	-7,981	0,040	0,301
CHR3	2938367	CHR3:2938367	SSF x LoA	-6,182	-0,030	0,296
CHR3	2938382	CHR3:2938382	SSF x LoA	-9,258	-0,022	0,278
CHR3	2952142	CHR3:2952142	SSF x LoA	-10,223	-0,038	0,287
CHR3	2970753	CHR3:2970753	SSF x LoA	-8,060	-0,033	0,291
CHR3	2970805	CHR3:2970805	SSF x LoA	-7,804	-0,032	0,285
CHR3	2970820	CHR3:2970820	SSF x LoA	-8,981	-0,061	0,289
CHR3	2970885	CHR3:2970885	SSF x LoA	-7,624	-0,156	0,285
CHR3	2971052	CHR3:2971052	SSF x LoA	-9,336	0,081	0,294
CHR3	3008561	CHR3:3008561	SSF x LoA	-9,872	0,058	0,294
CHR3	3043719	CHR3:3043719	SSF x LoA	-8,974	0,096	0,294
CHR3	3043942	CHR3:3043942	SSF x LoA	-2,123	0,120	0,293
CHR3	3044004	CHR3:3044004	SSF x LoA	-9,789	0,019	0,302
CHR3	3057514	CHR3:3057514	SSF x LoA	-5,858	0,047	0,299
CHR3	3061314	CHR3:3061314	SSF x LoA	-10,207	-0,040	0,300
CHR3	3061323	CHR3:3061323	SSF x LoA	-10,175	-0,003	0,291
CHR3	3061359	CHR3:3061359	SSF x LoA	-9,858	-0,040	0,291
CHR3	3061364	CHR3:3061364	SSF x LoA	-9,809	0,025	0,288
CHR3	3061416	CHR3:3061416	SSF x LoA	-8,718	-0,004	0,298
CHR3	3061429	CHR3:3061429	SSF x LoA	-8,600	-0,028	0,299
CHR3	3061430	CHR3:3061430	SSF x LoA	-9,096	0,017	0,302
CHR3	3061450	CHR3:3061450	SSF x LoA	-8,128	0,011	0,295
CHR3	3061481	CHR3:3061481	SSF x LoA	-11,038	0,004	0,304
CHR3	3061535	CHR3:3061535	SSF x LoA	-3,550	0,052	0,282
CHR3	3072885	CHR3:3072885	SSF x LoA	-8,781	0,034	0,284
CHR3	3072918	CHR3:3072918	SSF x LoA	-10,218	-0,072	0,299
CHR3	3073033	CHR3:3073033	SSF x LoA	-9,992	-0,075	0,290
CHR3	3077781	CHR3:3077781	SSF x LoA	-10,865	0,077	0,296
CHR3	3077803	CHR3:3077803	SSF x LoA	-8,375	-0,031	0,295
CHR3	3098460	CHR3:3098460	SSF x LoA	-9,384	0,082	0,296
CHR3	3098498	CHR3:3098498	SSF x LoA	-7,646	0,053	0,287
CHR3	3098535	CHR3:3098535	SSF x LoA	-11,434	0,038	0,304
CHR3	3098599	CHR3:3098599	SSF x LoA	-11,600	0,028	0,286

CHR3	3103675	CHR3:3103675	SSF x LoA	-8,428	0,001	0,286
CHR3	3110069	CHR3:3110069	SSF x LoA	-8,103	-0,105	0,290
CHR3	3110075	CHR3:3110075	SSF x LoA	-11,217	-0,121	0,277
CHR3	3115318	CHR3:3115318	SSF x LoA	-11,088	-0,043	0,296
CHR3	3115439	CHR3:3115439	SSF x LoA	-9,796	0,087	0,287
CHR3	3115669	CHR3:3115669	SSF x LoA	-7,808	-0,091	0,288
CHR3	3120850	CHR3:3120850	SSF x LoA	-9,807	-0,130	0,289
CHR3	3121023	CHR3:3121023	SSF x LoA	-11,777	0,020	0,285
CHR3	3121157	CHR3:3121157	SSF x LoA	-10,006	0,101	0,300
CHR3	3126518	CHR3:3126518	SSF x LoA	-3,479	0,157	0,285
CHR3	3126558	CHR3:3126558	SSF x LoA	-8,020	0,023	0,295
CHR3	3126576	CHR3:3126576	SSF x LoA	-8,690	0,029	0,293
CHR3	3126920	CHR3:3126920	SSF x LoA	-7,122	-0,013	0,293
CHR3	3130552	CHR3:3130552	SSF x LoA	-7,867	-0,086	0,284
CHR3	3130589	CHR3:3130589	SSF x LoA	-10,481	0,091	0,272
CHR3	3130825	CHR3:3130825	SSF x LoA	-8,416	0,109	0,291
CHR3	3139226	CHR3:3139226	SSF x LoA	-10,330	-0,049	0,288
CHR3	3144838	CHR3:3144838	SSF x LoA	-8,698	0,027	0,285
CHR3	3144988	CHR3:3144988	SSF x LoA	-9,231	-0,051	0,288
CHR3	3144990	CHR3:3144990	SSF x LoA	-7,430	-0,081	0,282
CHR3	3144999	CHR3:3144999	SSF x LoA	-8,670	-0,036	0,289
CHR3	3145011	CHR3:3145011	SSF x LoA	-8,596	-0,067	0,303
CHR3	3145115	CHR3:3145115	SSF x LoA	-10,959	0,066	0,288
CHR3	3152294	CHR3:3152294	SSF x LoA	-8,576	0,015	0,296
CHR3	3152370	CHR3:3152370	SSF x LoA	-7,908	-0,044	0,302
CHR3	3158142	CHR3:3158142	SSF x LoA	-9,093	0,034	0,265
CHR3	3158143	CHR3:3158143	SSF x LoA	-10,488	-0,058	0,295
CHR3	3158146	CHR3:3158146	SSF x LoA	-7,261	0,060	0,275
CHR3	3158279	CHR3:3158279	SSF x LoA	-7,739	0,101	0,283
CHR3	3158297	CHR3:3158297	SSF x LoA	-12,062	-0,026	0,288
CHR3	3158320	CHR3:3158320	SSF x LoA	-7,471	-0,038	0,285
CHR3	3158343	CHR3:3158343	SSF x LoA	13,877	0,052	0,303
CHR3	3158346	CHR3:3158346	SSF x LoA	-7,818	0,056	0,292
CHR3	3158349	CHR3:3158349	SSF x LoA	-6,976	0,073	0,303
CHR3	3176878	CHR3:3176878	SSF x LoA	-8,288	-0,034	0,273
CHR3	3177066	CHR3:3177066	SSF x LoA	-10,934	0,048	0,286
CHR3	3194685	CHR3:3194685	SSF x LoA	-9,075	-0,030	0,302
CHR3	3194715	CHR3:3194715	SSF x LoA	-5,435	-0,015	0,300
CHR3	3201905	CHR3:3201905	SSF x LoA	-9,558	0,043	0,274
CHR3	3201916	CHR3:3201916	SSF x LoA	-7,041	0,054	0,297
CHR3	3210756	CHR3:3210756	SSF x LoA	-8,854	-0,054	0,287
CHR3	3221429	CHR3:3221429	SSF x LoA	-9,529	-0,062	0,294
CHR3	3223347	CHR3:3223347	SSF x LoA	-7,805	0,061	0,288
CHR3	3223395	CHR3:3223395	SSF x LoA	-12,049	0,045	0,282
CHR3	3223438	CHR3:3223438	SSF x LoA	-8,181	0,050	0,288
CHR3	3223441	CHR3:3223441	SSF x LoA	-8,540	-0,019	0,283
CHR3	3223731	CHR3:3223731	SSF x LoA	-5,014	0,165	0,288
CHR3	3223831	CHR3:3223831	SSF x LoA	7,592	0,207	0,278
CHR3	3223844	CHR3:3223844	SSF x LoA	-6,863	0,154	0,280
CHR3	3253684	CHR3:3253684	SSF x LoA	-9,831	0,093	0,292
CHR3	3265986	CHR3:3265986	SSF x LoA	-9,260	0,053	0,277
CHR3	3266207	CHR3:3266207	SSF x LoA	-9,436	0,001	0,281
CHR3	3266272	CHR3:3266272	SSF x LoA	-9,135	0,051	0,292

CHR3	3276047	CHR3:3276047	SSF x LoA	-8,975	-0,012	0,296
CHR3	3276057	CHR3:3276057	SSF x LoA	-8,883	-0,057	0,295
CHR3	3280867	CHR3:3280867	SSF x LoA	-10,835	0,006	0,296
CHR3	3280906	CHR3:3280906	SSF x LoA	-8,898	0,064	0,301
CHR3	3281148	CHR3:3281148	SSF x LoA	-9,898	0,034	0,293
CHR3	3281170	CHR3:3281170	SSF x LoA	-8,766	0,166	0,285
CHR3	3281174	CHR3:3281174	SSF x LoA	-9,474	0,171	0,284
CHR3	3285769	CHR3:3285769	SSF x LoA	-9,822	0,104	0,302
CHR3	3285916	CHR3:3285916	SSF x LoA	-6,630	-0,135	0,272
CHR3	3285951	CHR3:3285951	SSF x LoA	-7,457	0,139	0,285
CHR3	3286004	CHR3:3286004	SSF x LoA	-5,661	0,161	0,298
CHR3	3287981	CHR3:3287981	SSF x LoA	-9,957	0,097	0,279
CHR3	3296646	CHR3:3296646	SSF x LoA	-8,263	0,055	0,290
CHR3	3296682	CHR3:3296682	SSF x LoA	-7,378	0,134	0,285
CHR3	3296750	CHR3:3296750	SSF x LoA	-6,625	0,216	0,291
CHR3	3298742	CHR3:3298742	SSF x LoA	-9,952	-0,008	0,293
CHR3	3298783	CHR3:3298783	SSF x LoA	-9,030	0,069	0,282
CHR3	3298821	CHR3:3298821	SSF x LoA	-9,213	-0,135	0,291
CHR3	3298912	CHR3:3298912	SSF x LoA	-8,834	-0,014	0,301
CHR3	3298919	CHR3:3298919	SSF x LoA	-8,075	-0,067	0,267
CHR3	3298920	CHR3:3298920	SSF x LoA	-8,123	-0,082	0,267
CHR3	3301772	CHR3:3301772	SSF x LoA	-7,363	-0,046	0,300
CHR3	3301960	CHR3:3301960	SSF x LoA	-4,505	-0,045	0,300
CHR3	3301963	CHR3:3301963	SSF x LoA	-10,869	-0,079	0,293
CHR3	3301985	CHR3:3301985	SSF x LoA	-8,618	-0,040	0,300
CHR3	3303282	CHR3:3303282	SSF x LoA	-9,307	0,011	0,299
CHR3	3312802	CHR3:3312802	SSF x LoA	-9,224	0,045	0,293
CHR3	3312826	CHR3:3312826	SSF x LoA	-8,721	0,012	0,300
CHR3	3312834	CHR3:3312834	SSF x LoA	-9,692	0,092	0,291
CHR3	3312843	CHR3:3312843	SSF x LoA	-0,384	-0,183	0,270
CHR3	3312850	CHR3:3312850	SSF x LoA	-11,113	0,089	0,277
CHR3	3319384	CHR3:3319384	SSF x LoA	-0,198	-0,215	0,260
CHR3	3319385	CHR3:3319385	SSF x LoA	-2,209	-0,202	0,267
CHR3	3326704	CHR3:3326704	SSF x LoA	-8,263	-0,062	0,298
CHR3	3326705	CHR3:3326705	SSF x LoA	-4,234	-0,248	0,263
CHR3	3326934	CHR3:3326934	SSF x LoA	-8,538	-0,028	0,281
CHR3	3328567	CHR3:3328567	SSF x LoA	-7,550	-0,091	0,292
CHR3	3332142	CHR3:3332142	SSF x LoA	-9,059	-0,025	0,289
CHR3	3332170	CHR3:3332170	SSF x LoA	-9,072	0,039	0,288
CHR3	3332309	CHR3:3332309	SSF x LoA	-6,838	0,007	0,297
CHR3	3338558	CHR3:3338558	SSF x LoA	-2,377	0,171	0,278
CHR3	3338635	CHR3:3338635	SSF x LoA	-10,553	-0,038	0,295
CHR3	3338669	CHR3:3338669	SSF x LoA	-10,338	-0,041	0,293
CHR3	3339556	CHR3:3339556	SSF x LoA	-9,658	-0,046	0,300
CHR3	3362423	CHR3:3362423	SSF x LoA	-7,989	-0,022	0,285
CHR3	3362524	CHR3:3362524	SSF x LoA	-9,707	-0,073	0,280
CHR3	3362725	CHR3:3362725	SSF x LoA	-6,947	-0,081	0,291
CHR3	3362745	CHR3:3362745	SSF x LoA	-8,503	0,020	0,293
CHR3	3367187	CHR3:3367187	SSF x LoA	-9,598	-0,010	0,299
CHR3	3367273	CHR3:3367273	SSF x LoA	-8,291	0,077	0,297
CHR3	3367367	CHR3:3367367	SSF x LoA	-8,148	-0,102	0,283
CHR3	3389548	CHR3:3389548	SSF x LoA	-3,051	0,092	0,284
CHR3	3389614	CHR3:3389614	SSF x LoA	-7,280	-0,195	0,273

CHR3	3389619	CHR3:3389619	SSF x LoA	-11,097	-0,024	0,285
CHR3	3392723	CHR3:3392723	SSF x LoA	-7,023	0,009	0,276
CHR3	3392725	CHR3:3392725	SSF x LoA	-5,278	-0,012	0,295
CHR3	3392820	CHR3:3392820	SSF x LoA	-8,459	-0,047	0,287
CHR3	3406269	CHR3:3406269	SSF x LoA	-9,021	0,077	0,294
CHR3	3406271	CHR3:3406271	SSF x LoA	-9,769	-0,111	0,282
CHR3	3412400	CHR3:3412400	SSF x LoA	-8,714	0,071	0,286
CHR3	3412641	CHR3:3412641	SSF x LoA	-10,104	0,067	0,287
CHR3	3416848	CHR3:3416848	SSF x LoA	-11,359	-0,041	0,288
CHR3	3416899	CHR3:3416899	SSF x LoA	-9,500	-0,013	0,281
CHR3	3419920	CHR3:3419920	SSF x LoA	-9,058	0,013	0,301
CHR3	3419962	CHR3:3419962	SSF x LoA	-8,543	-0,014	0,294
CHR3	3420043	CHR3:3420043	SSF x LoA	-8,798	0,051	0,291
CHR3	3420130	CHR3:3420130	SSF x LoA	-10,139	0,038	0,296
CHR3	3420151	CHR3:3420151	SSF x LoA	-9,970	-0,019	0,288
CHR3	3420187	CHR3:3420187	SSF x LoA	-8,566	0,075	0,291
CHR3	3420228	CHR3:3420228	SSF x LoA	-8,402	0,024	0,292
CHR3	345376	CHR3:345376	SSF x LoA	-8,021	-0,011	0,280
CHR3	345380	CHR3:345380	SSF x LoA	-7,699	-0,029	0,280
CHR3	3463571	CHR3:3463571	SSF x LoA	-8,517	-0,001	0,275
CHR3	3470452	CHR3:3470452	SSF x LoA	-9,823	0,033	0,311
CHR3	3470474	CHR3:3470474	SSF x LoA	-11,312	0,037	0,297
CHR3	3470505	CHR3:3470505	SSF x LoA	-6,086	0,104	0,290
CHR3	3470574	CHR3:3470574	SSF x LoA	-7,958	-0,123	0,285
CHR3	3475007	CHR3:3475007	SSF x LoA	-9,947	0,081	0,284
CHR3	3475049	CHR3:3475049	SSF x LoA	-9,980	0,044	0,283
CHR3	3477919	CHR3:3477919	SSF x LoA	-10,345	-0,018	0,301
CHR3	3477981	CHR3:3477981	SSF x LoA	-4,800	-0,168	0,281
CHR3	3478201	CHR3:3478201	SSF x LoA	-8,344	0,083	0,282
CHR3	3478237	CHR3:3478237	SSF x LoA	-5,650	0,139	0,289
CHR3	3478304	CHR3:3478304	SSF x LoA	-10,290	0,075	0,287
CHR3	3483932	CHR3:3483932	SSF x LoA	-5,074	-0,068	0,276
CHR3	3484046	CHR3:3484046	SSF x LoA	-5,308	0,057	0,294
CHR3	3484100	CHR3:3484100	SSF x LoA	-4,091	-0,151	0,295
CHR3	3486075	CHR3:3486075	SSF x LoA	-2,883	0,177	0,277
CHR3	3486085	CHR3:3486085	SSF x LoA	-8,230	0,044	0,287
CHR3	3486204	CHR3:3486204	SSF x LoA	-9,313	0,074	0,283
CHR3	3495586	CHR3:3495586	SSF x LoA	-10,509	0,062	0,301
CHR3	3495692	CHR3:3495692	SSF x LoA	-10,921	-0,003	0,293
CHR3	3510525	CHR3:3510525	SSF x LoA	-9,989	0,073	0,274
CHR3	3510536	CHR3:3510536	SSF x LoA	-11,098	0,067	0,272
CHR3	3510576	CHR3:3510576	SSF x LoA	-6,721	0,165	0,271
CHR3	3510583	CHR3:3510583	SSF x LoA	-5,557	0,135	0,285
CHR3	3510712	CHR3:3510712	SSF x LoA	-9,383	-0,059	0,290
CHR3	3543090	CHR3:3543090	SSF x LoA	-9,153	-0,018	0,273
CHR3	3552546	CHR3:3552546	SSF x LoA	-10,892	-0,021	0,288
CHR3	3552550	CHR3:3552550	SSF x LoA	-8,881	0,086	0,301
CHR3	3552567	CHR3:3552567	SSF x LoA	-7,653	0,010	0,295
CHR3	3558473	CHR3:3558473	SSF x LoA	0,744	0,242	0,276
CHR3	3558796	CHR3:3558796	SSF x LoA	-1,585	0,127	0,284
CHR3	3558828	CHR3:3558828	SSF x LoA	-6,944	0,033	0,288
CHR3	3567779	CHR3:3567779	SSF x LoA	-6,605	0,192	0,289
CHR3	3567804	CHR3:3567804	SSF x LoA	-7,307	-0,160	0,282

CHR3	3567826	CHR3:3567826	SSF x LoA	-9,401	0,123	0,282
CHR3	3567835	CHR3:3567835	SSF x LoA	-4,570	0,215	0,280
CHR3	3567892	CHR3:3567892	SSF x LoA	-6,814	0,190	0,287
CHR3	3567895	CHR3:3567895	SSF x LoA	-9,485	-0,021	0,297
CHR3	3567947	CHR3:3567947	SSF x LoA	-8,265	-0,047	0,301
CHR3	3567992	CHR3:3567992	SSF x LoA	-11,005	-0,011	0,294
CHR3	3568670	CHR3:3568670	SSF x LoA	-8,640	-0,003	0,301
CHR3	3568871	CHR3:3568871	SSF x LoA	-11,662	-0,019	0,287
CHR3	3578920	CHR3:3578920	SSF x LoA	-8,819	0,042	0,284
CHR3	3578964	CHR3:3578964	SSF x LoA	-10,895	-0,009	0,292
CHR3	3581441	CHR3:3581441	SSF x LoA	-9,060	-0,013	0,293
CHR3	3581662	CHR3:3581662	SSF x LoA	-6,613	0,047	0,298
CHR3	3587836	CHR3:3587836	SSF x LoA	-6,728	-0,094	0,276
CHR3	3588051	CHR3:3588051	SSF x LoA	-5,936	0,059	0,288
CHR3	3597375	CHR3:3597375	SSF x LoA	-11,582	-0,067	0,283
CHR3	3597556	CHR3:3597556	SSF x LoA	-10,666	-0,099	0,291
CHR3	3597633	CHR3:3597633	SSF x LoA	-7,834	0,012	0,312
CHR3	3597637	CHR3:3597637	SSF x LoA	-8,810	0,076	0,298
CHR3	3602050	CHR3:3602050	SSF x LoA	-8,285	-0,053	0,284
CHR3	3602339	CHR3:3602339	SSF x LoA	-2,917	-0,111	0,287
CHR3	3606956	CHR3:3606956	SSF x LoA	-6,352	-0,026	0,289
CHR3	3606959	CHR3:3606959	SSF x LoA	-8,561	-0,048	0,303
CHR3	3606964	CHR3:3606964	SSF x LoA	-8,252	-0,008	0,300
CHR3	3607055	CHR3:3607055	SSF x LoA	-6,787	-0,043	0,302
CHR3	3607183	CHR3:3607183	SSF x LoA	-6,274	-0,137	0,292
CHR3	3607286	CHR3:3607286	SSF x LoA	-7,880	-0,100	0,279
CHR3	3614053	CHR3:3614053	SSF x LoA	-8,348	-0,138	0,289
CHR3	3614071	CHR3:3614071	SSF x LoA	-6,996	-0,083	0,309
CHR3	3614124	CHR3:3614124	SSF x LoA	-8,698	-0,009	0,292
CHR3	3615569	CHR3:3615569	SSF x LoA	-7,336	0,036	0,283
CHR3	3615697	CHR3:3615697	SSF x LoA	-7,811	0,084	0,288
CHR3	3618294	CHR3:3618294	SSF x LoA	-8,118	-0,029	0,293
CHR3	3618421	CHR3:3618421	SSF x LoA	-6,175	0,015	0,314
CHR3	3618434	CHR3:3618434	SSF x LoA	-11,197	0,010	0,285
CHR3	3618452	CHR3:3618452	SSF x LoA	-9,072	0,044	0,297
CHR3	3618457	CHR3:3618457	SSF x LoA	-9,772	-0,006	0,290
CHR3	3618462	CHR3:3618462	SSF x LoA	-11,300	-0,017	0,286
CHR3	3618543	CHR3:3618543	SSF x LoA	-8,328	0,014	0,284
CHR3	3641735	CHR3:3641735	SSF x LoA	-10,468	-0,094	0,283
CHR3	3648332	CHR3:3648332	SSF x LoA	-8,739	-0,052	0,290
CHR3	3652311	CHR3:3652311	SSF x LoA	-4,848	0,212	0,291
CHR3	3652973	CHR3:3652973	SSF x LoA	-3,116	-0,006	0,297
CHR3	3653027	CHR3:3653027	SSF x LoA	-6,709	0,027	0,301
CHR3	3658621	CHR3:3658621	SSF x LoA	-6,794	0,086	0,293
CHR3	3658639	CHR3:3658639	SSF x LoA	-7,749	0,011	0,294
CHR3	3658645	CHR3:3658645	SSF x LoA	-9,590	-0,083	0,303
CHR3	3661051	CHR3:3661051	SSF x LoA	-7,137	0,124	0,274
CHR3	3661070	CHR3:3661070	SSF x LoA	-10,480	-0,057	0,288
CHR3	3661074	CHR3:3661074	SSF x LoA	-9,685	0,012	0,284
CHR3	3661125	CHR3:3661125	SSF x LoA	4,984	0,132	0,278
CHR3	3661171	CHR3:3661171	SSF x LoA	-8,270	0,054	0,298
CHR3	3662326	CHR3:3662326	SSF x LoA	-10,809	0,017	0,299
CHR3	3662405	CHR3:3662405	SSF x LoA	-3,103	-0,092	0,281

CHR3	3662419	CHR3:3662419	SSF x LoA	-8,964	0,020	0,281
CHR3	3663576	CHR3:3663576	SSF x LoA	-10,869	0,025	0,290
CHR3	3663628	CHR3:3663628	SSF x LoA	-6,110	-0,145	0,268
CHR3	3663689	CHR3:3663689	SSF x LoA	-11,040	-0,028	0,292
CHR3	3668313	CHR3:3668313	SSF x LoA	-7,759	0,130	0,294
CHR3	3675924	CHR3:3675924	SSF x LoA	-10,625	0,024	0,288
CHR3	3676840	CHR3:3676840	SSF x LoA	-10,251	0,079	0,306
CHR3	3676902	CHR3:3676902	SSF x LoA	-7,705	0,067	0,290
CHR3	3679053	CHR3:3679053	SSF x LoA	-7,548	0,118	0,290
CHR3	3683754	CHR3:3683754	SSF x LoA	-7,898	-0,001	0,287
CHR3	3683807	CHR3:3683807	SSF x LoA	-8,639	0,048	0,287
CHR3	3686495	CHR3:3686495	SSF x LoA	-8,010	0,012	0,299
CHR3	3686554	CHR3:3686554	SSF x LoA	-8,681	0,132	0,284
CHR3	3688944	CHR3:3688944	SSF x LoA	-6,702	-0,073	0,275
CHR3	3689064	CHR3:3689064	SSF x LoA	-9,191	-0,020	0,301
CHR3	3689099	CHR3:3689099	SSF x LoA	-9,503	0,063	0,284
CHR3	3689139	CHR3:3689139	SSF x LoA	-8,513	-0,070	0,295
CHR3	3691470	CHR3:3691470	SSF x LoA	-6,545	0,072	0,305
CHR3	3691523	CHR3:3691523	SSF x LoA	-9,593	0,044	0,299
CHR3	3691560	CHR3:3691560	SSF x LoA	-1,329	0,095	0,299
CHR3	3705853	CHR3:3705853	SSF x LoA	-5,687	0,081	0,282
CHR3	3719401	CHR3:3719401	SSF x LoA	-8,276	-0,062	0,283
CHR3	3719433	CHR3:3719433	SSF x LoA	-6,066	-0,165	0,268
CHR3	3719465	CHR3:3719465	SSF x LoA	1,062	0,145	0,278
CHR3	3725699	CHR3:3725699	SSF x LoA	-8,099	0,092	0,294
CHR3	3725702	CHR3:3725702	SSF x LoA	-1,629	-0,187	0,298
CHR3	3725711	CHR3:3725711	SSF x LoA	-6,712	0,102	0,279
CHR3	3725720	CHR3:3725720	SSF x LoA	-9,177	0,091	0,292
CHR3	3727682	CHR3:3727682	SSF x LoA	-8,599	-0,047	0,278
CHR3	3727773	CHR3:3727773	SSF x LoA	-6,623	0,060	0,286
CHR3	3727777	CHR3:3727777	SSF x LoA	-9,400	-0,023	0,294
CHR3	3729305	CHR3:3729305	SSF x LoA	-8,123	-0,052	0,295
CHR3	3729308	CHR3:3729308	SSF x LoA	-6,276	-0,107	0,289
CHR3	3729533	CHR3:3729533	SSF x LoA	-8,992	-0,093	0,284
CHR3	3729559	CHR3:3729559	SSF x LoA	-10,969	0,046	0,273
CHR3	3729614	CHR3:3729614	SSF x LoA	-7,930	-0,074	0,289
CHR3	3729628	CHR3:3729628	SSF x LoA	-8,257	-0,062	0,278
CHR3	3734166	CHR3:3734166	SSF x LoA	-10,956	0,004	0,291
CHR3	3734214	CHR3:3734214	SSF x LoA	-11,232	0,021	0,285
CHR3	374309	CHR3:374309	SSF x LoA	-8,575	-0,033	0,305
CHR3	374413	CHR3:374413	SSF x LoA	-9,961	0,004	0,287
CHR3	3747560	CHR3:3747560	SSF x LoA	-11,320	-0,007	0,294
CHR3	3747658	CHR3:3747658	SSF x LoA	-8,142	-0,006	0,303
CHR3	3751529	CHR3:3751529	SSF x LoA	-5,767	0,143	0,301
CHR3	3753057	CHR3:3753057	SSF x LoA	-10,035	0,047	0,293
CHR3	3754491	CHR3:3754491	SSF x LoA	-8,398	0,085	0,280
CHR3	3754576	CHR3:3754576	SSF x LoA	-3,415	-0,065	0,290
CHR3	377503	CHR3:377503	SSF x LoA	-8,002	0,097	0,287
CHR3	3817878	CHR3:3817878	SSF x LoA	-8,587	-0,074	0,278
CHR3	3831831	CHR3:3831831	SSF x LoA	-9,362	0,083	0,295
CHR3	3832007	CHR3:3832007	SSF x LoA	-8,580	0,104	0,295
CHR3	3835357	CHR3:3835357	SSF x LoA	-10,106	0,001	0,287
CHR3	3842513	CHR3:3842513	SSF x LoA	-8,310	0,002	0,302

CHR3	3859452	CHR3:3859452	SSF x LoA	-9,629	0,080	0,286
CHR3	3859485	CHR3:3859485	SSF x LoA	-9,805	0,076	0,275
CHR3	3859490	CHR3:3859490	SSF x LoA	-8,255	-0,126	0,279
CHR3	3859551	CHR3:3859551	SSF x LoA	-6,881	-0,066	0,286
CHR3	3859731	CHR3:3859731	SSF x LoA	-8,970	0,052	0,299
CHR3	3864716	CHR3:3864716	SSF x LoA	2,298	0,135	0,289
CHR3	3864741	CHR3:3864741	SSF x LoA	-8,288	-0,093	0,296
CHR3	3876065	CHR3:3876065	SSF x LoA	-11,488	-0,034	0,287
CHR3	3880488	CHR3:3880488	SSF x LoA	-3,649	0,166	0,280
CHR3	3880643	CHR3:3880643	SSF x LoA	-5,194	-0,108	0,305
CHR3	3881855	CHR3:3881855	SSF x LoA	-8,733	0,101	0,292
CHR3	3881955	CHR3:3881955	SSF x LoA	-8,242	0,004	0,288
CHR3	3889899	CHR3:3889899	SSF x LoA	-2,250	0,229	0,275
CHR3	3889931	CHR3:3889931	SSF x LoA	-8,726	-0,108	0,283
CHR3	3889948	CHR3:3889948	SSF x LoA	-9,912	-0,024	0,287
CHR3	3890424	CHR3:3890424	SSF x LoA	-9,933	-0,073	0,288
CHR3	3906874	CHR3:3906874	SSF x LoA	-8,333	0,051	0,299
CHR3	3906891	CHR3:3906891	SSF x LoA	-7,137	0,043	0,287
CHR3	3906907	CHR3:3906907	SSF x LoA	-9,612	-0,009	0,293
CHR3	3906919	CHR3:3906919	SSF x LoA	-3,860	0,119	0,289
CHR3	3907244	CHR3:3907244	SSF x LoA	-10,759	0,010	0,287
CHR3	3915673	CHR3:3915673	SSF x LoA	-7,568	0,079	0,280
CHR3	3915691	CHR3:3915691	SSF x LoA	-8,175	-0,067	0,307
CHR3	3915699	CHR3:3915699	SSF x LoA	-8,247	-0,001	0,302
CHR3	3917525	CHR3:3917525	SSF x LoA	-6,935	-0,017	0,286
CHR3	3919018	CHR3:3919018	SSF x LoA	-3,419	-0,199	0,293
CHR3	3927703	CHR3:3927703	SSF x LoA	-9,454	0,009	0,290
CHR3	3927935	CHR3:3927935	SSF x LoA	-9,456	-0,018	0,293
CHR3	3941688	CHR3:3941688	SSF x LoA	-7,116	-0,089	0,300
CHR3	3941949	CHR3:3941949	SSF x LoA	-5,366	-0,088	0,286
CHR3	3941966	CHR3:3941966	SSF x LoA	-6,687	0,125	0,267
CHR3	3945443	CHR3:3945443	SSF x LoA	-8,948	-0,026	0,295
CHR3	3945489	CHR3:3945489	SSF x LoA	-8,210	0,079	0,282
CHR3	3945506	CHR3:3945506	SSF x LoA	-8,705	0,166	0,276
CHR3	3945512	CHR3:3945512	SSF x LoA	-8,353	0,008	0,288
CHR3	3955791	CHR3:3955791	SSF x LoA	-8,405	0,070	0,291
CHR3	397711	CHR3:397711	SSF x LoA	-9,142	-0,041	0,283
CHR3	397856	CHR3:397856	SSF x LoA	-10,710	0,016	0,300
CHR3	397861	CHR3:397861	SSF x LoA	-10,340	0,013	0,285
CHR3	3981923	CHR3:3981923	SSF x LoA	-10,633	-0,031	0,280
CHR3	3988987	CHR3:3988987	SSF x LoA	-8,282	0,084	0,288
CHR3	4037114	CHR3:4037114	SSF x LoA	-8,226	-0,187	0,272
CHR3	4050129	CHR3:4050129	SSF x LoA	-6,348	0,146	0,289
CHR3	4050131	CHR3:4050131	SSF x LoA	-5,709	-0,176	0,277
CHR3	4050226	CHR3:4050226	SSF x LoA	-3,665	-0,230	0,268
CHR3	4050299	CHR3:4050299	SSF x LoA	-8,367	0,154	0,294
CHR3	4050331	CHR3:4050331	SSF x LoA	-9,786	-0,068	0,299
CHR3	4074417	CHR3:4074417	SSF x LoA	-9,308	0,007	0,290
CHR3	4074432	CHR3:4074432	SSF x LoA	-8,781	-0,058	0,282
CHR3	4074556	CHR3:4074556	SSF x LoA	-7,999	0,102	0,297
CHR3	4087134	CHR3:4087134	SSF x LoA	-6,869	0,037	0,286
CHR3	4087256	CHR3:4087256	SSF x LoA	-11,904	-0,018	0,277
CHR3	4087275	CHR3:4087275	SSF x LoA	-7,259	-0,062	0,303

CHR3	4110167	CHR3:4110167	SSF x LoA	-8,102	0,097	0,289
CHR3	4110417	CHR3:4110417	SSF x LoA	-10,085	-0,028	0,302
CHR3	4111940	CHR3:4111940	SSF x LoA	-9,191	0,077	0,292
CHR3	4129130	CHR3:4129130	SSF x LoA	-8,378	0,062	0,291
CHR3	4129154	CHR3:4129154	SSF x LoA	-8,488	0,048	0,291
CHR3	4129156	CHR3:4129156	SSF x LoA	-8,848	0,021	0,290
CHR3	4132689	CHR3:4132689	SSF x LoA	-10,871	0,074	0,286
CHR3	4132702	CHR3:4132702	SSF x LoA	-9,133	0,039	0,290
CHR3	4132752	CHR3:4132752	SSF x LoA	-7,103	-0,044	0,281
CHR3	4132764	CHR3:4132764	SSF x LoA	-8,282	0,012	0,307
CHR3	4132878	CHR3:4132878	SSF x LoA	-8,521	-0,060	0,294
CHR3	4132896	CHR3:4132896	SSF x LoA	-7,506	0,110	0,287
CHR3	4132906	CHR3:4132906	SSF x LoA	-8,394	-0,076	0,283
CHR3	4132957	CHR3:4132957	SSF x LoA	-7,591	0,112	0,287
CHR3	4137514	CHR3:4137514	SSF x LoA	-9,571	0,057	0,307
CHR3	4137625	CHR3:4137625	SSF x LoA	-9,389	-0,033	0,284
CHR3	4137633	CHR3:4137633	SSF x LoA	-8,561	-0,034	0,284
CHR3	4137656	CHR3:4137656	SSF x LoA	-10,867	-0,026	0,298
CHR3	4137676	CHR3:4137676	SSF x LoA	-10,134	-0,048	0,296
CHR3	4137678	CHR3:4137678	SSF x LoA	-10,241	-0,018	0,296
CHR3	4147503	CHR3:4147503	SSF x LoA	-8,971	0,035	0,298
CHR3	4147662	CHR3:4147662	SSF x LoA	-8,785	-0,030	0,297
CHR3	4155741	CHR3:4155741	SSF x LoA	-10,629	-0,020	0,306
CHR3	4168526	CHR3:4168526	SSF x LoA	-9,596	-0,059	0,291
CHR3	4168545	CHR3:4168545	SSF x LoA	-8,649	-0,048	0,286
CHR3	4168727	CHR3:4168727	SSF x LoA	-9,151	-0,074	0,280
CHR3	4172374	CHR3:4172374	SSF x LoA	-10,540	0,010	0,283
CHR3	4172375	CHR3:4172375	SSF x LoA	-7,815	0,068	0,289
CHR3	4172412	CHR3:4172412	SSF x LoA	-9,530	-0,068	0,279
CHR3	4172452	CHR3:4172452	SSF x LoA	-9,595	0,071	0,288
CHR3	4179308	CHR3:4179308	SSF x LoA	-9,154	0,052	0,291
CHR3	4179674	CHR3:4179674	SSF x LoA	-9,552	-0,033	0,287
CHR3	4218049	CHR3:4218049	SSF x LoA	-9,239	-0,081	0,280
CHR3	4218368	CHR3:4218368	SSF x LoA	-3,276	0,183	0,295
CHR3	4218450	CHR3:4218450	SSF x LoA	-7,045	-0,064	0,312
CHR3	4227033	CHR3:4227033	SSF x LoA	-7,258	-0,137	0,281
CHR3	4227096	CHR3:4227096	SSF x LoA	-10,247	-0,027	0,296
CHR3	4229738	CHR3:4229738	SSF x LoA	-8,355	-0,066	0,285
CHR3	4235783	CHR3:4235783	SSF x LoA	-8,884	-0,005	0,295
CHR3	4240922	CHR3:4240922	SSF x LoA	-10,610	-0,086	0,292
CHR3	4240961	CHR3:4240961	SSF x LoA	-7,702	-0,070	0,295
CHR3	4241150	CHR3:4241150	SSF x LoA	-8,263	0,016	0,283
CHR3	4241171	CHR3:4241171	SSF x LoA	-9,453	0,066	0,278
CHR3	4241204	CHR3:4241204	SSF x LoA	-10,792	-0,017	0,296
CHR3	4249229	CHR3:4249229	SSF x LoA	-6,679	-0,139	0,286
CHR3	4249298	CHR3:4249298	SSF x LoA	-11,098	0,013	0,289
CHR3	4249310	CHR3:4249310	SSF x LoA	-9,993	0,012	0,307
CHR3	4249340	CHR3:4249340	SSF x LoA	-10,462	-0,053	0,288
CHR3	4249361	CHR3:4249361	SSF x LoA	-4,087	0,165	0,273
CHR3	4249407	CHR3:4249407	SSF x LoA	-3,388	-0,099	0,291
CHR3	4249608	CHR3:4249608	SSF x LoA	-8,147	0,149	0,283
CHR3	4253607	CHR3:4253607	SSF x LoA	-7,921	0,129	0,285
CHR3	4253623	CHR3:4253623	SSF x LoA	1,212	0,029	0,278

CHR3	4253962	CHR3:4253962	SSF x LoA	-8,327	0,075	0,291
CHR3	4258359	CHR3:4258359	SSF x LoA	-4,605	0,215	0,278
CHR3	4258414	CHR3:4258414	SSF x LoA	-6,588	0,110	0,274
CHR3	4258474	CHR3:4258474	SSF x LoA	-8,786	-0,130	0,286
CHR3	4258525	CHR3:4258525	SSF x LoA	-10,221	0,109	0,274
CHR3	4258549	CHR3:4258549	SSF x LoA	-9,789	-0,053	0,291
CHR3	4258598	CHR3:4258598	SSF x LoA	-7,806	-0,215	0,277
CHR3	426064	CHR3:426064	SSF x LoA	-9,890	0,010	0,278
CHR3	4260911	CHR3:4260911	SSF x LoA	-8,376	-0,054	0,284
CHR3	4260935	CHR3:4260935	SSF x LoA	-10,200	0,009	0,288
CHR3	4260954	CHR3:4260954	SSF x LoA	-8,584	-0,011	0,286
CHR3	4260995	CHR3:4260995	SSF x LoA	-7,205	-0,102	0,282
CHR3	4264978	CHR3:4264978	SSF x LoA	-10,740	-0,034	0,284
CHR3	4278735	CHR3:4278735	SSF x LoA	-6,462	-0,172	0,275
CHR3	4278949	CHR3:4278949	SSF x LoA	-7,437	-0,109	0,267
CHR3	4278999	CHR3:4278999	SSF x LoA	-6,318	0,192	0,280
CHR3	4279056	CHR3:4279056	SSF x LoA	0,482	-0,234	0,283
CHR3	4279061	CHR3:4279061	SSF x LoA	-8,860	-0,088	0,288
CHR3	4283148	CHR3:4283148	SSF x LoA	-1,743	0,119	0,297
CHR3	4283259	CHR3:4283259	SSF x LoA	-9,446	0,038	0,297
CHR3	4283274	CHR3:4283274	SSF x LoA	-4,143	0,171	0,279
CHR3	4283441	CHR3:4283441	SSF x LoA	-8,207	0,043	0,295
CHR3	4299051	CHR3:4299051	SSF x LoA	-11,340	-0,056	0,291
CHR3	4299091	CHR3:4299091	SSF x LoA	-10,275	-0,050	0,285
CHR3	4299165	CHR3:4299165	SSF x LoA	-8,483	0,065	0,299
CHR3	4312255	CHR3:4312255	SSF x LoA	-10,864	-0,021	0,287
CHR3	4312386	CHR3:4312386	SSF x LoA	-7,376	0,061	0,290
CHR3	4312393	CHR3:4312393	SSF x LoA	-0,576	-0,144	0,296
CHR3	4312406	CHR3:4312406	SSF x LoA	-10,941	0,047	0,279
CHR3	4312529	CHR3:4312529	SSF x LoA	-9,549	0,024	0,293
CHR3	4312540	CHR3:4312540	SSF x LoA	-4,708	-0,173	0,298
CHR3	4316921	CHR3:4316921	SSF x LoA	-8,507	0,040	0,277
CHR3	4316948	CHR3:4316948	SSF x LoA	-9,639	0,054	0,287
CHR3	4316955	CHR3:4316955	SSF x LoA	-8,997	-0,025	0,292
CHR3	4317009	CHR3:4317009	SSF x LoA	-10,443	0,017	0,296
CHR3	4327575	CHR3:4327575	SSF x LoA	-11,405	0,089	0,274
CHR3	4327615	CHR3:4327615	SSF x LoA	-7,054	0,034	0,295
CHR3	4327620	CHR3:4327620	SSF x LoA	-9,252	0,014	0,284
CHR3	4327647	CHR3:4327647	SSF x LoA	-8,991	-0,024	0,270
CHR3	4327670	CHR3:4327670	SSF x LoA	-9,175	0,051	0,285
CHR3	4327740	CHR3:4327740	SSF x LoA	-10,882	0,019	0,287
CHR3	4327794	CHR3:4327794	SSF x LoA	-11,088	0,011	0,284
CHR3	4340417	CHR3:4340417	SSF x LoA	-10,459	0,005	0,287
CHR3	4340477	CHR3:4340477	SSF x LoA	-9,364	0,133	0,278
CHR3	4340543	CHR3:4340543	SSF x LoA	-8,685	0,104	0,292
CHR3	4340575	CHR3:4340575	SSF x LoA	-7,749	0,045	0,283
CHR3	4340591	CHR3:4340591	SSF x LoA	-6,956	0,150	0,276
CHR3	4342878	CHR3:4342878	SSF x LoA	-8,995	-0,015	0,271
CHR3	4345628	CHR3:4345628	SSF x LoA	-4,763	0,221	0,269
CHR3	4345635	CHR3:4345635	SSF x LoA	-10,767	-0,033	0,301
CHR3	4345720	CHR3:4345720	SSF x LoA	-10,479	-0,032	0,293
CHR3	4345893	CHR3:4345893	SSF x LoA	-6,261	-0,155	0,280
CHR3	4345900	CHR3:4345900	SSF x LoA	-9,192	0,128	0,292

CHR3	4345931	CHR3:4345931	SSF x LoA	-9,190	0,134	0,282
CHR3	4353167	CHR3:4353167	SSF x LoA	-3,863	-0,157	0,297
CHR3	436769	CHR3:436769	SSF x LoA	-8,506	0,043	0,286
CHR3	436795	CHR3:436795	SSF x LoA	-8,021	0,066	0,287
CHR3	437406	CHR3:437406	SSF x LoA	-8,194	-0,043	0,286
CHR3	4382081	CHR3:4382081	SSF x LoA	-8,079	-0,034	0,295
CHR3	4382095	CHR3:4382095	SSF x LoA	-8,726	-0,116	0,279
CHR3	4382113	CHR3:4382113	SSF x LoA	-7,753	-0,073	0,293
CHR3	4382119	CHR3:4382119	SSF x LoA	-4,808	0,097	0,289
CHR3	4382185	CHR3:4382185	SSF x LoA	-6,601	-0,130	0,295
CHR3	4382220	CHR3:4382220	SSF x LoA	-4,322	0,222	0,280
CHR3	4382237	CHR3:4382237	SSF x LoA	-8,300	-0,077	0,297
CHR3	4409965	CHR3:4409965	SSF x LoA	-5,797	-0,021	0,293
CHR3	4410026	CHR3:4410026	SSF x LoA	-6,716	-0,092	0,288
CHR3	4410027	CHR3:4410027	SSF x LoA	-7,527	-0,091	0,300
CHR3	4410506	CHR3:4410506	SSF x LoA	-6,338	0,115	0,280
CHR3	4410613	CHR3:4410613	SSF x LoA	-5,789	0,135	0,299
CHR3	441259	CHR3:441259	SSF x LoA	-8,262	-0,078	0,274
CHR3	442328	CHR3:442328	SSF x LoA	-9,683	0,011	0,294
CHR3	4437514	CHR3:4437514	SSF x LoA	-11,698	0,001	0,274
CHR3	4465420	CHR3:4465420	SSF x LoA	-10,310	0,027	0,288
CHR3	4484865	CHR3:4484865	SSF x LoA	-9,412	0,070	0,300
CHR3	4485117	CHR3:4485117	SSF x LoA	-5,932	0,072	0,316
CHR3	4488960	CHR3:4488960	SSF x LoA	-10,615	0,014	0,297
CHR3	4504164	CHR3:4504164	SSF x LoA	-10,262	-0,062	0,301
CHR3	4517553	CHR3:4517553	SSF x LoA	-6,208	-0,104	0,293
CHR3	4517744	CHR3:4517744	SSF x LoA	-6,945	-0,093	0,287
CHR3	4519626	CHR3:4519626	SSF x LoA	-9,457	0,020	0,291
CHR3	4520007	CHR3:4520007	SSF x LoA	-8,809	0,038	0,291
CHR3	4548206	CHR3:4548206	SSF x LoA	-8,194	0,056	0,301
CHR3	4548208	CHR3:4548208	SSF x LoA	-7,628	0,081	0,286
CHR3	4548313	CHR3:4548313	SSF x LoA	-9,871	-0,035	0,275
CHR3	4548353	CHR3:4548353	SSF x LoA	-6,854	-0,059	0,300
CHR3	4555616	CHR3:4555616	SSF x LoA	-8,981	0,050	0,295
CHR3	4561609	CHR3:4561609	SSF x LoA	-9,513	-0,043	0,270
CHR3	4561761	CHR3:4561761	SSF x LoA	-8,470	-0,022	0,290
CHR3	4561768	CHR3:4561768	SSF x LoA	-8,584	-0,029	0,290
CHR3	4561841	CHR3:4561841	SSF x LoA	-8,935	-0,020	0,294
CHR3	4603125	CHR3:4603125	SSF x LoA	-8,151	0,062	0,293
CHR3	4603157	CHR3:4603157	SSF x LoA	-8,682	-0,121	0,299
CHR3	4603199	CHR3:4603199	SSF x LoA	-7,361	0,064	0,291
CHR3	4619626	CHR3:4619626	SSF x LoA	-9,663	0,051	0,298
CHR3	4619628	CHR3:4619628	SSF x LoA	-9,061	0,085	0,273
CHR3	4619680	CHR3:4619680	SSF x LoA	-8,857	-0,030	0,293
CHR3	4619741	CHR3:4619741	SSF x LoA	-7,673	0,078	0,309
CHR3	4621606	CHR3:4621606	SSF x LoA	-8,660	0,061	0,301
CHR3	4621617	CHR3:4621617	SSF x LoA	-9,176	0,092	0,288
CHR3	4621756	CHR3:4621756	SSF x LoA	-7,884	-0,121	0,281
CHR3	4621823	CHR3:4621823	SSF x LoA	-7,540	-0,131	0,283
CHR3	4638416	CHR3:4638416	SSF x LoA	-8,369	-0,013	0,292
CHR3	4638418	CHR3:4638418	SSF x LoA	-8,045	0,121	0,287
CHR3	4639868	CHR3:4639868	SSF x LoA	-6,971	0,145	0,282
CHR3	4639910	CHR3:4639910	SSF x LoA	-10,820	-0,023	0,275

CHR3	4640023	CHR3:4640023	SSF x LoA	-6,463	0,026	0,282
CHR3	4656811	CHR3:4656811	SSF x LoA	-10,669	-0,051	0,297
CHR3	4656888	CHR3:4656888	SSF x LoA	-4,151	-0,158	0,273
CHR3	4657162	CHR3:4657162	SSF x LoA	-8,568	0,086	0,290
CHR3	4657166	CHR3:4657166	SSF x LoA	-11,681	0,025	0,295
CHR3	4662019	CHR3:4662019	SSF x LoA	-7,209	-0,067	0,291
CHR3	4662138	CHR3:4662138	SSF x LoA	-7,760	0,034	0,297
CHR3	4662196	CHR3:4662196	SSF x LoA	-8,926	0,032	0,283
CHR3	4662287	CHR3:4662287	SSF x LoA	-6,916	0,173	0,293
CHR3	466298	CHR3:466298	SSF x LoA	-10,111	-0,043	0,283
CHR3	466534	CHR3:466534	SSF x LoA	-8,168	-0,001	0,295
CHR3	4676312	CHR3:4676312	SSF x LoA	-8,215	-0,033	0,294
CHR3	4676339	CHR3:4676339	SSF x LoA	-8,059	-0,085	0,286
CHR3	4690068	CHR3:4690068	SSF x LoA	-10,111	-0,071	0,288
CHR3	4696949	CHR3:4696949	SSF x LoA	-9,743	0,019	0,293
CHR3	4696966	CHR3:4696966	SSF x LoA	-5,925	-0,173	0,261
CHR3	4696989	CHR3:4696989	SSF x LoA	1,793	-0,172	0,282
CHR3	4702093	CHR3:4702093	SSF x LoA	-8,760	0,025	0,277
CHR3	4702096	CHR3:4702096	SSF x LoA	-7,901	-0,126	0,292
CHR3	4702255	CHR3:4702255	SSF x LoA	-8,316	0,054	0,289
CHR3	4702257	CHR3:4702257	SSF x LoA	-10,498	0,029	0,293
CHR3	4702265	CHR3:4702265	SSF x LoA	-8,829	0,035	0,292
CHR3	4705836	CHR3:4705836	SSF x LoA	-10,174	-0,060	0,293
CHR3	4705951	CHR3:4705951	SSF x LoA	-7,555	-0,071	0,302
CHR3	4706075	CHR3:4706075	SSF x LoA	-7,797	0,133	0,292
CHR3	4715537	CHR3:4715537	SSF x LoA	-10,763	0,018	0,288
CHR3	4715918	CHR3:4715918	SSF x LoA	-10,944	-0,021	0,278
CHR3	4715923	CHR3:4715923	SSF x LoA	-10,741	0,077	0,284
CHR3	4715993	CHR3:4715993	SSF x LoA	-7,833	0,063	0,306
CHR3	4715994	CHR3:4715994	SSF x LoA	-8,057	0,017	0,298
CHR3	4722929	CHR3:4722929	SSF x LoA	-9,272	0,088	0,280
CHR3	4723015	CHR3:4723015	SSF x LoA	-8,099	-0,026	0,291
CHR3	4723116	CHR3:4723116	SSF x LoA	-5,651	-0,081	0,295
CHR3	4723265	CHR3:4723265	SSF x LoA	-9,493	0,051	0,290
CHR3	4723295	CHR3:4723295	SSF x LoA	-3,893	0,006	0,282
CHR3	4728317	CHR3:4728317	SSF x LoA	-7,830	0,005	0,306
CHR3	4728497	CHR3:4728497	SSF x LoA	-7,234	0,115	0,289
CHR3	4728520	CHR3:4728520	SSF x LoA	-7,953	-0,027	0,296
CHR3	4728552	CHR3:4728552	SSF x LoA	-8,827	-0,126	0,273
CHR3	4728553	CHR3:4728553	SSF x LoA	-9,371	0,102	0,291
CHR3	4728614	CHR3:4728614	SSF x LoA	-10,153	0,063	0,300
CHR3	4728632	CHR3:4728632	SSF x LoA	-10,212	0,053	0,303
CHR3	4728636	CHR3:4728636	SSF x LoA	-10,803	0,028	0,289
CHR3	4728715	CHR3:4728715	SSF x LoA	-10,335	-0,099	0,291
CHR3	4759680	CHR3:4759680	SSF x LoA	-7,525	0,151	0,283
CHR3	4764116	CHR3:4764116	SSF x LoA	-7,410	0,119	0,289
CHR3	4764119	CHR3:4764119	SSF x LoA	-7,495	0,098	0,287
CHR3	4764281	CHR3:4764281	SSF x LoA	-9,686	0,021	0,295
CHR3	4764323	CHR3:4764323	SSF x LoA	-11,414	-0,054	0,280
CHR3	4764332	CHR3:4764332	SSF x LoA	-7,453	-0,006	0,280
CHR3	4764375	CHR3:4764375	SSF x LoA	-7,995	-0,086	0,281
CHR3	4790563	CHR3:4790563	SSF x LoA	-10,433	-0,032	0,283
CHR3	4790606	CHR3:4790606	SSF x LoA	-11,477	-0,013	0,280

CHR3	4790847	CHR3:4790847	SSF x LoA	-5,937	0,182	0,280
CHR3	4790887	CHR3:4790887	SSF x LoA	-8,183	0,091	0,299
CHR3	4791567	CHR3:4791567	SSF x LoA	-10,419	-0,051	0,303
CHR3	4791601	CHR3:4791601	SSF x LoA	-5,565	-0,038	0,282
CHR3	4791670	CHR3:4791670	SSF x LoA	-9,439	-0,016	0,289
CHR3	4791830	CHR3:4791830	SSF x LoA	-6,962	-0,114	0,294
CHR3	4791883	CHR3:4791883	SSF x LoA	-7,346	-0,018	0,303
CHR3	4799672	CHR3:4799672	SSF x LoA	-5,900	-0,152	0,283
CHR3	4799702	CHR3:4799702	SSF x LoA	-7,588	-0,075	0,291
CHR3	4799750	CHR3:4799750	SSF x LoA	-10,014	-0,057	0,285
CHR3	4808093	CHR3:4808093	SSF x LoA	-9,591	0,001	0,293
CHR3	4808152	CHR3:4808152	SSF x LoA	4,101	0,022	0,286
CHR3	4808219	CHR3:4808219	SSF x LoA	-6,236	-0,047	0,293
CHR3	4824650	CHR3:4824650	SSF x LoA	-9,774	-0,037	0,297
CHR3	4824657	CHR3:4824657	SSF x LoA	-9,449	0,020	0,288
CHR3	4824700	CHR3:4824700	SSF x LoA	-9,959	0,041	0,285
CHR3	4827058	CHR3:4827058	SSF x LoA	-10,011	-0,075	0,289
CHR3	483453	CHR3:483453	SSF x LoA	-6,560	0,208	0,285
CHR3	4836934	CHR3:4836934	SSF x LoA	-10,090	-0,066	0,268
CHR3	4836957	CHR3:4836957	SSF x LoA	-7,511	-0,064	0,282
CHR3	4850251	CHR3:4850251	SSF x LoA	-10,002	-0,036	0,295
CHR3	4850291	CHR3:4850291	SSF x LoA	-9,051	-0,066	0,296
CHR3	487943	CHR3:487943	SSF x LoA	-5,045	0,137	0,303
CHR3	4901397	CHR3:4901397	SSF x LoA	-9,567	-0,068	0,287
CHR3	4901461	CHR3:4901461	SSF x LoA	-8,648	0,051	0,284
CHR3	4901467	CHR3:4901467	SSF x LoA	-9,234	0,012	0,284
CHR3	4901494	CHR3:4901494	SSF x LoA	-11,443	0,005	0,276
CHR3	4901550	CHR3:4901550	SSF x LoA	-8,388	0,035	0,296
CHR3	4901565	CHR3:4901565	SSF x LoA	-10,347	-0,073	0,281
CHR3	4901947	CHR3:4901947	SSF x LoA	-5,493	-0,066	0,308
CHR3	4901958	CHR3:4901958	SSF x LoA	-10,540	0,032	0,286
CHR3	4902004	CHR3:4902004	SSF x LoA	-9,067	0,075	0,309
CHR3	4902022	CHR3:4902022	SSF x LoA	-9,008	0,003	0,291
CHR3	4902030	CHR3:4902030	SSF x LoA	-8,976	0,003	0,292
CHR3	4919970	CHR3:4919970	SSF x LoA	-10,624	0,006	0,285
CHR3	4934142	CHR3:4934142	SSF x LoA	-7,189	0,154	0,295
CHR3	4952625	CHR3:4952625	SSF x LoA	-5,127	0,079	0,293
CHR3	4952663	CHR3:4952663	SSF x LoA	-8,985	0,088	0,268
CHR3	496167	CHR3:496167	SSF x LoA	-6,375	0,122	0,290
CHR3	4982044	CHR3:4982044	SSF x LoA	-7,501	0,143	0,289
CHR3	4982065	CHR3:4982065	SSF x LoA	-10,265	-0,018	0,284
CHR3	4982186	CHR3:4982186	SSF x LoA	-2,780	0,037	0,296
CHR3	5044746	CHR3:5044746	SSF x LoA	-7,939	-0,041	0,300
CHR3	5055579	CHR3:5055579	SSF x LoA	-7,969	-0,057	0,294
CHR3	5055799	CHR3:5055799	SSF x LoA	-6,487	0,049	0,313
CHR3	5055859	CHR3:5055859	SSF x LoA	-8,394	0,147	0,289
CHR3	5055881	CHR3:5055881	SSF x LoA	-7,865	0,061	0,288
CHR3	5055905	CHR3:5055905	SSF x LoA	-10,368	0,038	0,284
CHR3	5055925	CHR3:5055925	SSF x LoA	-5,771	-0,188	0,283
CHR3	5055928	CHR3:5055928	SSF x LoA	-9,308	0,006	0,291
CHR3	510690	CHR3:510690	SSF x LoA	-10,608	-0,029	0,287
CHR3	5113085	CHR3:5113085	SSF x LoA	-9,756	0,079	0,285
CHR3	5140715	CHR3:5140715	SSF x LoA	-9,383	-0,148	0,277

CHR3	5140984	CHR3:5140984	SSF x LoA	-11,818	-0,020	0,280
CHR3	5141024	CHR3:5141024	SSF x LoA	-12,022	0,003	0,288
CHR3	5141120	CHR3:5141120	SSF x LoA	-8,689	0,021	0,297
CHR3	5146218	CHR3:5146218	SSF x LoA	-9,560	-0,042	0,276
CHR3	5146300	CHR3:5146300	SSF x LoA	-8,312	-0,171	0,285
CHR3	5146357	CHR3:5146357	SSF x LoA	-10,363	0,039	0,282
CHR3	5147785	CHR3:5147785	SSF x LoA	-7,837	-0,059	0,296
CHR3	5161956	CHR3:5161956	SSF x LoA	-7,568	0,095	0,287
CHR3	5161996	CHR3:5161996	SSF x LoA	-9,535	-0,105	0,297
CHR3	5162031	CHR3:5162031	SSF x LoA	-10,529	-0,016	0,293
CHR3	5162103	CHR3:5162103	SSF x LoA	-10,321	-0,074	0,306
CHR3	5173288	CHR3:5173288	SSF x LoA	-7,245	0,170	0,282
CHR3	5175117	CHR3:5175117	SSF x LoA	-9,005	0,045	0,281
CHR3	5175128	CHR3:5175128	SSF x LoA	-8,868	0,051	0,279
CHR3	5175164	CHR3:5175164	SSF x LoA	-8,822	0,103	0,282
CHR3	5191187	CHR3:5191187	SSF x LoA	-6,439	-0,145	0,276
CHR3	5191276	CHR3:5191276	SSF x LoA	-8,028	0,125	0,292
CHR3	519623	CHR3:519623	SSF x LoA	-10,011	0,037	0,273
CHR3	5205028	CHR3:5205028	SSF x LoA	-7,998	-0,021	0,285
CHR3	5205030	CHR3:5205030	SSF x LoA	-8,872	0,086	0,287
CHR3	5205230	CHR3:5205230	SSF x LoA	-9,981	-0,045	0,286
CHR3	5205232	CHR3:5205232	SSF x LoA	-9,080	-0,071	0,298
CHR3	522582	CHR3:522582	SSF x LoA	-3,984	0,020	0,296
CHR3	5228652	CHR3:5228652	SSF x LoA	-7,139	0,002	0,294
CHR3	5228963	CHR3:5228963	SSF x LoA	-8,034	0,159	0,285
CHR3	5230446	CHR3:5230446	SSF x LoA	-8,385	0,013	0,297
CHR3	5230604	CHR3:5230604	SSF x LoA	-11,612	-0,040	0,288
CHR3	5230618	CHR3:5230618	SSF x LoA	-6,981	0,133	0,291
CHR3	5253735	CHR3:5253735	SSF x LoA	-10,526	0,056	0,273
CHR3	5253822	CHR3:5253822	SSF x LoA	-7,140	0,023	0,293
CHR3	5259656	CHR3:5259656	SSF x LoA	-9,502	-0,027	0,308
CHR3	5259726	CHR3:5259726	SSF x LoA	-10,314	0,101	0,290
CHR3	5259803	CHR3:5259803	SSF x LoA	-6,219	0,171	0,276
CHR3	5268146	CHR3:5268146	SSF x LoA	-11,024	0,072	0,285
CHR3	5268173	CHR3:5268173	SSF x LoA	-9,027	0,081	0,290
CHR3	5268178	CHR3:5268178	SSF x LoA	-8,012	-0,003	0,282
CHR3	5268193	CHR3:5268193	SSF x LoA	-7,937	0,084	0,304
CHR3	5268243	CHR3:5268243	SSF x LoA	-8,077	0,027	0,259
CHR3	5268266	CHR3:5268266	SSF x LoA	-8,392	0,040	0,295
CHR3	5268282	CHR3:5268282	SSF x LoA	-6,729	0,033	0,308
CHR3	5268291	CHR3:5268291	SSF x LoA	-7,013	0,051	0,295
CHR3	5268320	CHR3:5268320	SSF x LoA	-9,366	0,032	0,281
CHR3	5268342	CHR3:5268342	SSF x LoA	-5,807	0,108	0,293
CHR3	5268380	CHR3:5268380	SSF x LoA	-8,756	-0,053	0,287
CHR3	5276448	CHR3:5276448	SSF x LoA	-6,647	0,133	0,281
CHR3	5276548	CHR3:5276548	SSF x LoA	-9,088	-0,105	0,291
CHR3	5286378	CHR3:5286378	SSF x LoA	-8,754	-0,027	0,297
CHR3	5286681	CHR3:5286681	SSF x LoA	-7,700	-0,158	0,289
CHR3	5291834	CHR3:5291834	SSF x LoA	-8,221	0,029	0,289
CHR3	5294558	CHR3:5294558	SSF x LoA	-9,496	-0,026	0,296
CHR3	5294615	CHR3:5294615	SSF x LoA	-7,027	0,089	0,276
CHR3	5294715	CHR3:5294715	SSF x LoA	-7,776	-0,065	0,291
CHR3	5294775	CHR3:5294775	SSF x LoA	-9,883	-0,094	0,288

CHR3	5301905	CHR3:5301905	SSF x LoA	-10,860	-0,019	0,292
CHR3	5303136	CHR3:5303136	SSF x LoA	-8,475	-0,077	0,292
CHR3	5303165	CHR3:5303165	SSF x LoA	-10,273	-0,009	0,297
CHR3	5305643	CHR3:5305643	SSF x LoA	-8,024	-0,016	0,288
CHR3	5305650	CHR3:5305650	SSF x LoA	-8,291	-0,029	0,292
CHR3	5326114	CHR3:5326114	SSF x LoA	-6,800	-0,108	0,296
CHR3	5326153	CHR3:5326153	SSF x LoA	-8,581	0,081	0,298
CHR3	5326185	CHR3:5326185	SSF x LoA	-8,815	0,090	0,293
CHR3	5326221	CHR3:5326221	SSF x LoA	-5,944	0,107	0,302
CHR3	536195	CHR3:536195	SSF x LoA	-8,097	0,000	0,288
CHR3	536221	CHR3:536221	SSF x LoA	-8,705	0,018	0,295
CHR3	536277	CHR3:536277	SSF x LoA	-9,953	-0,083	0,285
CHR3	536328	CHR3:536328	SSF x LoA	-10,838	0,037	0,295
CHR3	5365386	CHR3:5365386	SSF x LoA	-9,154	-0,042	0,291
CHR3	5369613	CHR3:5369613	SSF x LoA	-9,853	0,011	0,291
CHR3	5379029	CHR3:5379029	SSF x LoA	-7,718	-0,048	0,283
CHR3	5379133	CHR3:5379133	SSF x LoA	-11,788	0,047	0,285
CHR3	5379175	CHR3:5379175	SSF x LoA	-7,354	-0,028	0,296
CHR3	5385209	CHR3:5385209	SSF x LoA	-5,017	0,049	0,291
CHR3	5385324	CHR3:5385324	SSF x LoA	-8,399	-0,038	0,276
CHR3	5386759	CHR3:5386759	SSF x LoA	-8,923	-0,044	0,274
CHR3	5386777	CHR3:5386777	SSF x LoA	-10,163	-0,024	0,288
CHR3	539478	CHR3:539478	SSF x LoA	-10,866	0,017	0,301
CHR3	539482	CHR3:539482	SSF x LoA	-10,597	0,003	0,282
CHR3	5410190	CHR3:5410190	SSF x LoA	-8,946	-0,045	0,287
CHR3	5419738	CHR3:5419738	SSF x LoA	-9,877	0,100	0,288
CHR3	542502	CHR3:542502	SSF x LoA	-8,329	0,021	0,293
CHR3	542552	CHR3:542552	SSF x LoA	-8,970	0,042	0,296
CHR3	542572	CHR3:542572	SSF x LoA	-11,507	-0,027	0,278
CHR3	542574	CHR3:542574	SSF x LoA	-10,129	-0,053	0,295
CHR3	542583	CHR3:542583	SSF x LoA	-8,635	0,029	0,312
CHR3	542670	CHR3:542670	SSF x LoA	-8,233	-0,011	0,303
CHR3	542689	CHR3:542689	SSF x LoA	-10,889	0,030	0,298
CHR3	5453010	CHR3:5453010	SSF x LoA	-8,527	-0,009	0,266
CHR3	5453047	CHR3:5453047	SSF x LoA	-7,893	-0,151	0,282
CHR3	5463432	CHR3:5463432	SSF x LoA	-11,588	0,032	0,282
CHR3	5463503	CHR3:5463503	SSF x LoA	-8,862	0,056	0,288
CHR3	5463517	CHR3:5463517	SSF x LoA	-8,536	-0,038	0,288
CHR3	5463527	CHR3:5463527	SSF x LoA	-1,541	-0,006	0,287
CHR3	5474373	CHR3:5474373	SSF x LoA	-9,772	-0,036	0,285
CHR3	5474378	CHR3:5474378	SSF x LoA	-7,487	-0,010	0,298
CHR3	5474447	CHR3:5474447	SSF x LoA	-8,317	-0,099	0,290
CHR3	5474488	CHR3:5474488	SSF x LoA	-6,895	0,131	0,290
CHR3	5474493	CHR3:5474493	SSF x LoA	-8,182	-0,110	0,279
CHR3	5477422	CHR3:5477422	SSF x LoA	-11,121	0,023	0,295
CHR3	5477426	CHR3:5477426	SSF x LoA	-6,793	0,062	0,286
CHR3	5477499	CHR3:5477499	SSF x LoA	-10,799	0,013	0,270
CHR3	5477694	CHR3:5477694	SSF x LoA	-7,714	0,115	0,300
CHR3	5477708	CHR3:5477708	SSF x LoA	-8,984	0,057	0,306
CHR3	5477719	CHR3:5477719	SSF x LoA	-10,453	0,052	0,283
CHR3	5479092	CHR3:5479092	SSF x LoA	-10,626	0,034	0,281
CHR3	5479166	CHR3:5479166	SSF x LoA	-8,792	0,008	0,303
CHR3	5487667	CHR3:5487667	SSF x LoA	-9,081	-0,008	0,282

CHR3	5487688	CHR3:5487688	SSF x LoA	-7,007	-0,092	0,301
CHR3	5487715	CHR3:5487715	SSF x LoA	-8,327	0,007	0,306
CHR3	5487730	CHR3:5487730	SSF x LoA	-8,504	-0,065	0,282
CHR3	5487732	CHR3:5487732	SSF x LoA	-11,407	-0,087	0,279
CHR3	5487754	CHR3:5487754	SSF x LoA	-6,214	0,083	0,300
CHR3	5487757	CHR3:5487757	SSF x LoA	-8,188	0,063	0,298
CHR3	5487790	CHR3:5487790	SSF x LoA	-10,045	-0,005	0,301
CHR3	5487802	CHR3:5487802	SSF x LoA	-6,496	0,022	0,280
CHR3	5487803	CHR3:5487803	SSF x LoA	-7,957	-0,037	0,289
CHR3	5487808	CHR3:5487808	SSF x LoA	-7,656	-0,067	0,297
CHR3	549141	CHR3:549141	SSF x LoA	-9,867	-0,030	0,292
CHR3	5503954	CHR3:5503954	SSF x LoA	-8,566	-0,081	0,291
CHR3	5533106	CHR3:5533106	SSF x LoA	-8,913	0,022	0,277
CHR3	5535261	CHR3:5535261	SSF x LoA	-9,662	0,028	0,301
CHR3	5543177	CHR3:5543177	SSF x LoA	-11,527	-0,025	0,285
CHR3	5547583	CHR3:5547583	SSF x LoA	-9,412	-0,040	0,285
CHR3	5548229	CHR3:5548229	SSF x LoA	-10,421	0,079	0,290
CHR3	5548345	CHR3:5548345	SSF x LoA	-10,788	-0,020	0,302
CHR3	5548369	CHR3:5548369	SSF x LoA	-6,854	0,008	0,285
CHR3	5551946	CHR3:5551946	SSF x LoA	-9,127	0,002	0,281
CHR3	5552205	CHR3:5552205	SSF x LoA	-7,326	-0,086	0,285
CHR3	5562936	CHR3:5562936	SSF x LoA	-6,039	0,180	0,275
CHR3	5562945	CHR3:5562945	SSF x LoA	-6,775	-0,017	0,292
CHR3	5563042	CHR3:5563042	SSF x LoA	-7,649	0,048	0,309
CHR3	5563126	CHR3:5563126	SSF x LoA	-10,237	0,106	0,282
CHR3	5563139	CHR3:5563139	SSF x LoA	-9,472	0,049	0,283
CHR3	5593351	CHR3:5593351	SSF x LoA	-8,819	0,146	0,296
CHR3	5593479	CHR3:5593479	SSF x LoA	-11,807	0,052	0,277
CHR3	5599217	CHR3:5599217	SSF x LoA	-7,812	-0,051	0,295
CHR3	5599316	CHR3:5599316	SSF x LoA	-8,766	-0,031	0,283
CHR3	5599982	CHR3:5599982	SSF x LoA	-8,238	0,003	0,289
CHR3	5606919	CHR3:5606919	SSF x LoA	-7,048	-0,143	0,281
CHR3	5607049	CHR3:5607049	SSF x LoA	-9,230	0,088	0,292
CHR3	5607050	CHR3:5607050	SSF x LoA	-6,729	-0,175	0,277
CHR3	5607054	CHR3:5607054	SSF x LoA	-5,239	-0,164	0,274
CHR3	5615225	CHR3:5615225	SSF x LoA	-8,125	-0,136	0,276
CHR3	5622129	CHR3:5622129	SSF x LoA	-10,154	0,014	0,293
CHR3	5622151	CHR3:5622151	SSF x LoA	-7,169	-0,177	0,276
CHR3	5623388	CHR3:5623388	SSF x LoA	-3,371	0,107	0,291
CHR3	5623411	CHR3:5623411	SSF x LoA	-8,017	0,075	0,317
CHR3	5623506	CHR3:5623506	SSF x LoA	-9,047	0,057	0,284
CHR3	5628159	CHR3:5628159	SSF x LoA	-9,568	-0,039	0,288
CHR3	5631344	CHR3:5631344	SSF x LoA	-9,624	0,098	0,298
CHR3	5631449	CHR3:5631449	SSF x LoA	-10,712	0,046	0,296
CHR3	5642623	CHR3:5642623	SSF x LoA	-9,722	-0,129	0,295
CHR3	5642686	CHR3:5642686	SSF x LoA	-9,720	0,071	0,279
CHR3	5642795	CHR3:5642795	SSF x LoA	-8,240	0,014	0,300
CHR3	5655223	CHR3:5655223	SSF x LoA	-10,924	-0,003	0,299
CHR3	5655424	CHR3:5655424	SSF x LoA	-9,753	0,047	0,287
CHR3	566285	CHR3:566285	SSF x LoA	-8,284	0,111	0,295
CHR3	5664881	CHR3:5664881	SSF x LoA	-7,707	-0,096	0,283
CHR3	5665019	CHR3:5665019	SSF x LoA	-10,656	0,044	0,298
CHR3	5665037	CHR3:5665037	SSF x LoA	-8,063	-0,093	0,295

CHR3	5665148	CHR3:5665148	SSF x LoA	-9,918	-0,002	0,284
CHR3	5681046	CHR3:5681046	SSF x LoA	-5,248	0,123	0,291
CHR3	5682299	CHR3:5682299	SSF x LoA	-3,694	-0,090	0,293
CHR3	5682451	CHR3:5682451	SSF x LoA	-8,039	-0,078	0,294
CHR3	5682504	CHR3:5682504	SSF x LoA	-6,898	0,133	0,305
CHR3	5682510	CHR3:5682510	SSF x LoA	-9,946	-0,044	0,299
CHR3	5683446	CHR3:5683446	SSF x LoA	-8,731	-0,116	0,293
CHR3	5683475	CHR3:5683475	SSF x LoA	-9,738	-0,087	0,276
CHR3	5683914	CHR3:5683914	SSF x LoA	-1,667	-0,184	0,286
CHR3	5704622	CHR3:5704622	SSF x LoA	-6,964	-0,145	0,289
CHR3	5704652	CHR3:5704652	SSF x LoA	-6,076	-0,152	0,284
CHR3	5704698	CHR3:5704698	SSF x LoA	-7,007	0,118	0,292
CHR3	5710099	CHR3:5710099	SSF x LoA	-6,368	-0,145	0,283
CHR3	5710150	CHR3:5710150	SSF x LoA	-4,255	-0,190	0,257
CHR3	5710272	CHR3:5710272	SSF x LoA	-6,194	-0,077	0,302
CHR3	5710348	CHR3:5710348	SSF x LoA	-9,220	-0,099	0,271
CHR3	5717582	CHR3:5717582	SSF x LoA	-11,675	-0,032	0,281
CHR3	5717631	CHR3:5717631	SSF x LoA	-10,032	-0,051	0,302
CHR3	5717675	CHR3:5717675	SSF x LoA	-9,371	0,001	0,305
CHR3	5717685	CHR3:5717685	SSF x LoA	-9,895	0,077	0,289
CHR3	5719103	CHR3:5719103	SSF x LoA	-7,752	0,044	0,294
CHR3	5719216	CHR3:5719216	SSF x LoA	-10,193	0,104	0,282
CHR3	5719278	CHR3:5719278	SSF x LoA	-6,616	-0,067	0,298
CHR3	5719293	CHR3:5719293	SSF x LoA	-8,814	-0,039	0,294
CHR3	5723160	CHR3:5723160	SSF x LoA	-8,731	0,041	0,283
CHR3	5723281	CHR3:5723281	SSF x LoA	-8,506	0,110	0,289
CHR3	5752060	CHR3:5752060	SSF x LoA	-9,962	0,145	0,268
CHR3	5752093	CHR3:5752093	SSF x LoA	-8,373	-0,064	0,293
CHR3	5752144	CHR3:5752144	SSF x LoA	-8,070	-0,002	0,281
CHR3	5752150	CHR3:5752150	SSF x LoA	-8,925	-0,019	0,297
CHR3	5755300	CHR3:5755300	SSF x LoA	-7,021	-0,176	0,280
CHR3	5755303	CHR3:5755303	SSF x LoA	-7,796	-0,149	0,280
CHR3	5755330	CHR3:5755330	SSF x LoA	-7,530	-0,085	0,302
CHR3	5755339	CHR3:5755339	SSF x LoA	-7,588	-0,090	0,285
CHR3	5755384	CHR3:5755384	SSF x LoA	-4,794	0,170	0,281
CHR3	5761042	CHR3:5761042	SSF x LoA	-8,728	-0,071	0,295
CHR3	5765499	CHR3:5765499	SSF x LoA	-7,791	-0,239	0,265
CHR3	5765730	CHR3:5765730	SSF x LoA	-10,211	0,030	0,296
CHR3	5768635	CHR3:5768635	SSF x LoA	-9,211	-0,046	0,280
CHR3	5775393	CHR3:5775393	SSF x LoA	-10,794	0,007	0,283
CHR3	5775428	CHR3:5775428	SSF x LoA	-1,944	0,188	0,278
CHR3	5775591	CHR3:5775591	SSF x LoA	-9,771	0,014	0,267
CHR3	5784769	CHR3:5784769	SSF x LoA	-10,447	-0,082	0,283
CHR3	5784817	CHR3:5784817	SSF x LoA	-11,136	-0,016	0,291
CHR3	5792518	CHR3:5792518	SSF x LoA	-7,204	-0,018	0,301
CHR3	5792564	CHR3:5792564	SSF x LoA	-11,492	0,024	0,294
CHR3	5792593	CHR3:5792593	SSF x LoA	-3,854	0,149	0,278
CHR3	5792702	CHR3:5792702	SSF x LoA	-7,204	0,108	0,294
CHR3	5792732	CHR3:5792732	SSF x LoA	-8,303	-0,024	0,303
CHR3	5792808	CHR3:5792808	SSF x LoA	-8,227	-0,002	0,284
CHR3	5792819	CHR3:5792819	SSF x LoA	-4,783	-0,093	0,283
CHR3	5809046	CHR3:5809046	SSF x LoA	-8,275	-0,067	0,292
CHR3	5814606	CHR3:5814606	SSF x LoA	-9,409	-0,060	0,280

CHR3	5814748	CHR3:5814748	SSF x LoA	-10,293	0,117	0,284
CHR3	5815693	CHR3:5815693	SSF x LoA	-9,989	-0,065	0,287
CHR3	5818011	CHR3:5818011	SSF x LoA	-9,888	0,010	0,305
CHR3	5818089	CHR3:5818089	SSF x LoA	-8,765	-0,014	0,296
CHR3	5820710	CHR3:5820710	SSF x LoA	-10,525	0,045	0,301
CHR3	5843277	CHR3:5843277	SSF x LoA	-9,186	0,039	0,269
CHR3	5850959	CHR3:5850959	SSF x LoA	-11,180	0,090	0,280
CHR3	5850988	CHR3:5850988	SSF x LoA	-10,753	-0,051	0,286
CHR3	5851026	CHR3:5851026	SSF x LoA	-9,249	-0,076	0,287
CHR3	5851041	CHR3:5851041	SSF x LoA	-7,706	-0,038	0,294
CHR3	5851042	CHR3:5851042	SSF x LoA	-7,531	-0,043	0,292
CHR3	5851068	CHR3:5851068	SSF x LoA	-9,372	0,020	0,287
CHR3	5851093	CHR3:5851093	SSF x LoA	-10,997	0,005	0,286
CHR3	5851096	CHR3:5851096	SSF x LoA	-9,591	0,054	0,282
CHR3	5851102	CHR3:5851102	SSF x LoA	1,253	-0,088	0,292
CHR3	5851108	CHR3:5851108	SSF x LoA	-8,753	-0,051	0,302
CHR3	5851142	CHR3:5851142	SSF x LoA	-10,090	-0,137	0,271
CHR3	5855240	CHR3:5855240	SSF x LoA	-4,348	-0,025	0,306
CHR3	5855359	CHR3:5855359	SSF x LoA	-11,090	-0,039	0,288
CHR3	5855649	CHR3:5855649	SSF x LoA	-8,863	0,075	0,287
CHR3	5869654	CHR3:5869654	SSF x LoA	-11,856	-0,074	0,268
CHR3	5869873	CHR3:5869873	SSF x LoA	-11,338	-0,051	0,275
CHR3	5869917	CHR3:5869917	SSF x LoA	-10,020	-0,041	0,282
CHR3	5877055	CHR3:5877055	SSF x LoA	-7,255	0,126	0,282
CHR3	5880183	CHR3:5880183	SSF x LoA	-8,353	0,074	0,297
CHR3	5882777	CHR3:5882777	SSF x LoA	-7,821	-0,004	0,282
CHR3	5882781	CHR3:5882781	SSF x LoA	-9,318	-0,038	0,298
CHR3	5882810	CHR3:5882810	SSF x LoA	-5,288	-0,079	0,290
CHR3	5882859	CHR3:5882859	SSF x LoA	-6,021	0,162	0,279
CHR3	5882920	CHR3:5882920	SSF x LoA	-9,398	0,064	0,292
CHR3	5882946	CHR3:5882946	SSF x LoA	-11,464	0,029	0,292
CHR3	5883026	CHR3:5883026	SSF x LoA	-9,711	0,055	0,292
CHR3	5893171	CHR3:5893171	SSF x LoA	-9,347	-0,022	0,271
CHR3	5893222	CHR3:5893222	SSF x LoA	-7,531	0,076	0,295
CHR3	5893396	CHR3:5893396	SSF x LoA	-8,157	0,083	0,276
CHR3	5893414	CHR3:5893414	SSF x LoA	-11,276	0,032	0,285
CHR3	589795	CHR3:589795	SSF x LoA	-6,383	0,127	0,280
CHR3	5907683	CHR3:5907683	SSF x LoA	-1,999	-0,015	0,286
CHR3	5907849	CHR3:5907849	SSF x LoA	-10,324	-0,010	0,298
CHR3	5908946	CHR3:5908946	SSF x LoA	-9,608	-0,013	0,299
CHR3	5909029	CHR3:5909029	SSF x LoA	-8,598	0,102	0,284
CHR3	5918383	CHR3:5918383	SSF x LoA	-9,829	0,051	0,272
CHR3	5923828	CHR3:5923828	SSF x LoA	-9,318	0,017	0,302
CHR3	5925626	CHR3:5925626	SSF x LoA	0,269	-0,016	0,285
CHR3	5940856	CHR3:5940856	SSF x LoA	-8,091	-0,171	0,271
CHR3	5952351	CHR3:5952351	SSF x LoA	-10,460	-0,035	0,287
CHR3	5952394	CHR3:5952394	SSF x LoA	-8,556	-0,102	0,304
CHR3	5961956	CHR3:5961956	SSF x LoA	-7,584	0,088	0,296
CHR3	5961977	CHR3:5961977	SSF x LoA	-6,743	0,150	0,299
CHR3	5963442	CHR3:5963442	SSF x LoA	-7,637	-0,071	0,287
CHR3	5981095	CHR3:5981095	SSF x LoA	-7,808	-0,004	0,276
CHR3	5981112	CHR3:5981112	SSF x LoA	-9,268	0,046	0,299
CHR3	5981113	CHR3:5981113	SSF x LoA	-9,887	0,024	0,298

CHR3	5981300	CHR3:5981300	SSF x LoA	-7,046	0,053	0,267
CHR3	5981418	CHR3:5981418	SSF x LoA	-7,014	-0,142	0,287
CHR3	5981426	CHR3:5981426	SSF x LoA	-10,787	-0,053	0,280
CHR3	5981448	CHR3:5981448	SSF x LoA	-8,021	0,089	0,293
CHR3	5997825	CHR3:5997825	SSF x LoA	-9,367	0,021	0,282
CHR3	5997907	CHR3:5997907	SSF x LoA	-6,736	0,002	0,296
CHR3	5997940	CHR3:5997940	SSF x LoA	-9,070	-0,062	0,294
CHR3	600642	CHR3:600642	SSF x LoA	-9,112	0,087	0,293
CHR3	6033585	CHR3:6033585	SSF x LoA	-5,034	-0,185	0,263
CHR3	6033603	CHR3:6033603	SSF x LoA	-7,813	0,073	0,264
CHR3	6033711	CHR3:6033711	SSF x LoA	-9,635	-0,080	0,288
CHR3	6033720	CHR3:6033720	SSF x LoA	-9,329	-0,009	0,288
CHR3	6033728	CHR3:6033728	SSF x LoA	-10,181	-0,039	0,283
CHR3	6033758	CHR3:6033758	SSF x LoA	7,718	-0,025	0,298
CHR3	6033767	CHR3:6033767	SSF x LoA	-8,441	0,094	0,290
CHR3	6033768	CHR3:6033768	SSF x LoA	-7,136	-0,125	0,295
CHR3	6042630	CHR3:6042630	SSF x LoA	-6,087	-0,169	0,279
CHR3	6042804	CHR3:6042804	SSF x LoA	-7,308	0,129	0,269
CHR3	6042816	CHR3:6042816	SSF x LoA	-5,513	0,129	0,276
CHR3	6046980	CHR3:6046980	SSF x LoA	-8,378	-0,055	0,295
CHR3	6052455	CHR3:6052455	SSF x LoA	-7,984	0,075	0,297
CHR3	6052458	CHR3:6052458	SSF x LoA	-9,286	-0,063	0,307
CHR3	6052466	CHR3:6052466	SSF x LoA	-6,613	0,051	0,296
CHR3	6052471	CHR3:6052471	SSF x LoA	-8,155	0,018	0,300
CHR3	6052528	CHR3:6052528	SSF x LoA	-7,746	-0,054	0,295
CHR3	6052529	CHR3:6052529	SSF x LoA	-8,973	-0,073	0,294
CHR3	6052581	CHR3:6052581	SSF x LoA	-11,885	-0,061	0,286
CHR3	6052685	CHR3:6052685	SSF x LoA	-6,426	-0,165	0,295
CHR3	6052734	CHR3:6052734	SSF x LoA	-6,361	-0,168	0,280
CHR3	6063533	CHR3:6063533	SSF x LoA	-6,336	-0,028	0,283
CHR3	6063552	CHR3:6063552	SSF x LoA	-9,054	0,127	0,273
CHR3	6063564	CHR3:6063564	SSF x LoA	-8,778	0,019	0,292
CHR3	6063638	CHR3:6063638	SSF x LoA	-6,938	0,103	0,282
CHR3	6063650	CHR3:6063650	SSF x LoA	-9,426	-0,001	0,295
CHR3	6063678	CHR3:6063678	SSF x LoA	-9,308	-0,011	0,300
CHR3	6063823	CHR3:6063823	SSF x LoA	-9,207	-0,038	0,296
CHR3	6063874	CHR3:6063874	SSF x LoA	-7,111	-0,105	0,294
CHR3	6096032	CHR3:6096032	SSF x LoA	-7,850	-0,071	0,298
CHR3	6096122	CHR3:6096122	SSF x LoA	-9,001	0,000	0,301
CHR3	6101393	CHR3:6101393	SSF x LoA	-5,078	-0,159	0,269
CHR3	6143346	CHR3:6143346	SSF x LoA	-8,854	-0,101	0,268
CHR3	6149567	CHR3:6149567	SSF x LoA	-8,628	-0,159	0,274
CHR3	6149963	CHR3:6149963	SSF x LoA	-7,201	-0,052	0,283
CHR3	6149983	CHR3:6149983	SSF x LoA	-6,524	-0,062	0,309
CHR3	6149984	CHR3:6149984	SSF x LoA	-9,082	0,065	0,304
CHR3	6150003	CHR3:6150003	SSF x LoA	5,742	-0,172	0,266
CHR3	6150038	CHR3:6150038	SSF x LoA	-5,452	0,162	0,295
CHR3	6150063	CHR3:6150063	SSF x LoA	-4,796	-0,245	0,253
CHR3	6154530	CHR3:6154530	SSF x LoA	-0,695	-0,194	0,273
CHR3	6154597	CHR3:6154597	SSF x LoA	-7,826	0,060	0,292
CHR3	6156971	CHR3:6156971	SSF x LoA	-8,534	0,076	0,274
CHR3	6173997	CHR3:6173997	SSF x LoA	-6,692	-0,052	0,287
CHR3	6174067	CHR3:6174067	SSF x LoA	-10,516	-0,022	0,278

CHR3	6174081	CHR3:6174081	SSF x LoA	-7,767	0,133	0,281
CHR3	6174098	CHR3:6174098	SSF x LoA	-11,110	0,019	0,295
CHR3	6174103	CHR3:6174103	SSF x LoA	-8,098	0,130	0,276
CHR3	6174168	CHR3:6174168	SSF x LoA	-9,679	-0,157	0,274
CHR3	6185909	CHR3:6185909	SSF x LoA	-9,898	0,069	0,280
CHR3	6185939	CHR3:6185939	SSF x LoA	-10,142	-0,116	0,278
CHR3	6189793	CHR3:6189793	SSF x LoA	-7,539	-0,081	0,289
CHR3	6189794	CHR3:6189794	SSF x LoA	-6,746	-0,096	0,305
CHR3	6190082	CHR3:6190082	SSF x LoA	-4,990	0,127	0,288
CHR3	6202610	CHR3:6202610	SSF x LoA	-8,027	0,043	0,263
CHR3	6202719	CHR3:6202719	SSF x LoA	-10,796	0,009	0,277
CHR3	6202758	CHR3:6202758	SSF x LoA	-10,350	0,030	0,299
CHR3	6202821	CHR3:6202821	SSF x LoA	-9,230	0,029	0,291
CHR3	6202843	CHR3:6202843	SSF x LoA	-7,603	-0,041	0,284
CHR3	6211027	CHR3:6211027	SSF x LoA	-11,004	0,002	0,286
CHR3	6211031	CHR3:6211031	SSF x LoA	-10,620	0,007	0,306
CHR3	6219376	CHR3:6219376	SSF x LoA	-5,006	0,111	0,266
CHR3	6219463	CHR3:6219463	SSF x LoA	-8,451	-0,070	0,282
CHR3	6219565	CHR3:6219565	SSF x LoA	-7,905	-0,114	0,273
CHR3	6219567	CHR3:6219567	SSF x LoA	-6,197	-0,137	0,291
CHR3	6219588	CHR3:6219588	SSF x LoA	-6,839	-0,138	0,279
CHR3	6219608	CHR3:6219608	SSF x LoA	-9,057	0,023	0,277
CHR3	6226399	CHR3:6226399	SSF x LoA	-6,134	0,099	0,297
CHR3	6226493	CHR3:6226493	SSF x LoA	-8,221	0,056	0,294
CHR3	6234944	CHR3:6234944	SSF x LoA	-9,630	0,021	0,297
CHR3	6237056	CHR3:6237056	SSF x LoA	-8,831	0,039	0,289
CHR3	6237064	CHR3:6237064	SSF x LoA	-8,759	0,069	0,276
CHR3	6237079	CHR3:6237079	SSF x LoA	-8,739	-0,081	0,291
CHR3	6237123	CHR3:6237123	SSF x LoA	-7,811	-0,141	0,287
CHR3	6244000	CHR3:6244000	SSF x LoA	-10,214	0,076	0,295
CHR3	6244045	CHR3:6244045	SSF x LoA	-8,615	0,021	0,292
CHR3	6244076	CHR3:6244076	SSF x LoA	-9,071	0,033	0,295
CHR3	6244088	CHR3:6244088	SSF x LoA	-8,178	0,032	0,300
CHR3	6244123	CHR3:6244123	SSF x LoA	-8,894	-0,067	0,287
CHR3	6244162	CHR3:6244162	SSF x LoA	-9,005	-0,032	0,297
CHR3	6244257	CHR3:6244257	SSF x LoA	-10,345	-0,009	0,286
CHR3	6247313	CHR3:6247313	SSF x LoA	-11,114	0,074	0,273
CHR3	6247458	CHR3:6247458	SSF x LoA	-10,278	-0,100	0,291
CHR3	6247465	CHR3:6247465	SSF x LoA	-6,407	-0,199	0,266
CHR3	6248199	CHR3:6248199	SSF x LoA	-8,338	0,066	0,302
CHR3	6254026	CHR3:6254026	SSF x LoA	-8,685	-0,019	0,302
CHR3	6273763	CHR3:6273763	SSF x LoA	-9,816	-0,060	0,276
CHR3	6285123	CHR3:6285123	SSF x LoA	-6,819	0,029	0,300
CHR3	6289414	CHR3:6289414	SSF x LoA	-9,389	0,061	0,283
CHR3	6299388	CHR3:6299388	SSF x LoA	-8,139	0,106	0,285
CHR3	6299397	CHR3:6299397	SSF x LoA	-11,302	-0,009	0,285
CHR3	6299544	CHR3:6299544	SSF x LoA	-7,696	-0,077	0,291
CHR3	6311019	CHR3:6311019	SSF x LoA	-8,165	-0,119	0,274
CHR3	6311062	CHR3:6311062	SSF x LoA	-6,910	-0,004	0,277
CHR3	6311426	CHR3:6311426	SSF x LoA	-7,147	-0,053	0,299
CHR3	6311469	CHR3:6311469	SSF x LoA	-9,505	-0,037	0,296
CHR3	6385013	CHR3:6385013	SSF x LoA	-8,101	-0,040	0,287
CHR3	6385018	CHR3:6385018	SSF x LoA	-8,919	0,017	0,290

CHR3	6390901	CHR3:6390901	SSF x LoA	-9,218	-0,122	0,280
CHR3	6393345	CHR3:6393345	SSF x LoA	-10,379	-0,044	0,291
CHR3	6393352	CHR3:6393352	SSF x LoA	-11,033	0,012	0,291
CHR3	6393358	CHR3:6393358	SSF x LoA	-10,845	-0,012	0,291
CHR3	6393405	CHR3:6393405	SSF x LoA	-7,411	0,022	0,290
CHR3	6393470	CHR3:6393470	SSF x LoA	-8,021	-0,097	0,279
CHR3	6405452	CHR3:6405452	SSF x LoA	-8,115	0,066	0,273
CHR3	6445463	CHR3:6445463	SSF x LoA	-4,860	-0,193	0,285
CHR3	6445488	CHR3:6445488	SSF x LoA	-11,098	-0,027	0,283
CHR3	6445620	CHR3:6445620	SSF x LoA	-10,781	0,077	0,289
CHR3	6473995	CHR3:6473995	SSF x LoA	-8,116	0,005	0,292
CHR3	6474046	CHR3:6474046	SSF x LoA	-8,296	-0,011	0,297
CHR3	6474060	CHR3:6474060	SSF x LoA	-9,052	-0,027	0,294
CHR3	6483913	CHR3:6483913	SSF x LoA	-6,206	-0,101	0,282
CHR3	6483914	CHR3:6483914	SSF x LoA	-10,960	0,069	0,290
CHR3	6484089	CHR3:6484089	SSF x LoA	-10,678	-0,051	0,300
CHR3	6488968	CHR3:6488968	SSF x LoA	-9,222	-0,013	0,295
CHR3	6491280	CHR3:6491280	SSF x LoA	-12,027	0,008	0,290
CHR3	6491284	CHR3:6491284	SSF x LoA	-8,308	-0,081	0,299
CHR3	6491288	CHR3:6491288	SSF x LoA	-7,930	0,050	0,292
CHR3	6491443	CHR3:6491443	SSF x LoA	-7,641	0,066	0,286
CHR3	6515847	CHR3:6515847	SSF x LoA	-11,075	-0,005	0,288
CHR3	6515912	CHR3:6515912	SSF x LoA	-8,767	-0,099	0,297
CHR3	6515944	CHR3:6515944	SSF x LoA	-10,677	-0,035	0,283
CHR3	6515948	CHR3:6515948	SSF x LoA	-8,022	-0,123	0,274
CHR3	6515991	CHR3:6515991	SSF x LoA	-7,711	0,026	0,287
CHR3	6515995	CHR3:6515995	SSF x LoA	-10,039	0,058	0,275
CHR3	6516080	CHR3:6516080	SSF x LoA	-4,597	0,155	0,291
CHR3	6521305	CHR3:6521305	SSF x LoA	-7,552	0,109	0,285
CHR3	6521529	CHR3:6521529	SSF x LoA	-8,869	-0,020	0,270
CHR3	6521535	CHR3:6521535	SSF x LoA	-7,265	0,112	0,278
CHR3	6523918	CHR3:6523918	SSF x LoA	-10,253	-0,061	0,283
CHR3	6529537	CHR3:6529537	SSF x LoA	-6,311	0,096	0,303
CHR3	6529563	CHR3:6529563	SSF x LoA	-8,143	0,084	0,291
CHR3	6529713	CHR3:6529713	SSF x LoA	-8,603	0,073	0,288
CHR3	6531543	CHR3:6531543	SSF x LoA	-9,428	0,054	0,289
CHR3	6531556	CHR3:6531556	SSF x LoA	-10,332	0,037	0,287
CHR3	6535446	CHR3:6535446	SSF x LoA	-7,932	-0,171	0,284
CHR3	6550892	CHR3:6550892	SSF x LoA	-9,547	-0,119	0,279
CHR3	6551035	CHR3:6551035	SSF x LoA	-2,602	-0,116	0,294
CHR3	6567184	CHR3:6567184	SSF x LoA	-8,297	-0,109	0,289
CHR3	6567307	CHR3:6567307	SSF x LoA	-9,975	0,104	0,299
CHR3	6569267	CHR3:6569267	SSF x LoA	-11,098	0,032	0,281
CHR3	6569447	CHR3:6569447	SSF x LoA	-7,131	0,165	0,289
CHR3	6569455	CHR3:6569455	SSF x LoA	-6,920	-0,083	0,268
CHR3	6569456	CHR3:6569456	SSF x LoA	-8,356	-0,071	0,270
CHR3	6569726	CHR3:6569726	SSF x LoA	-7,333	0,060	0,284
CHR3	6569728	CHR3:6569728	SSF x LoA	-9,837	-0,034	0,269
CHR3	6569741	CHR3:6569741	SSF x LoA	-7,738	-0,032	0,267
CHR3	6569742	CHR3:6569742	SSF x LoA	-9,377	-0,045	0,279
CHR3	6576064	CHR3:6576064	SSF x LoA	-7,914	0,047	0,313
CHR3	6576947	CHR3:6576947	SSF x LoA	-9,481	-0,042	0,291
CHR3	6578070	CHR3:6578070	SSF x LoA	-8,518	0,169	0,276

CHR3	6578071	CHR3:6578071	SSF x LoA	-7,550	-0,153	0,279
CHR3	6625877	CHR3:6625877	SSF x LoA	-4,683	0,245	0,283
CHR3	6625935	CHR3:6625935	SSF x LoA	-2,386	0,230	0,289
CHR3	6641810	CHR3:6641810	SSF x LoA	-7,490	-0,053	0,275
CHR3	6641821	CHR3:6641821	SSF x LoA	-7,679	-0,095	0,275
CHR3	6641843	CHR3:6641843	SSF x LoA	-7,808	0,032	0,301
CHR3	6649789	CHR3:6649789	SSF x LoA	-10,669	0,001	0,289
CHR3	6649792	CHR3:6649792	SSF x LoA	-8,801	-0,023	0,285
CHR3	6649820	CHR3:6649820	SSF x LoA	-9,613	-0,076	0,284
CHR3	6649884	CHR3:6649884	SSF x LoA	-8,071	-0,072	0,301
CHR3	6665723	CHR3:6665723	SSF x LoA	-8,293	0,009	0,278
CHR3	6665810	CHR3:6665810	SSF x LoA	-7,656	0,046	0,281
CHR3	6670764	CHR3:6670764	SSF x LoA	-9,610	-0,048	0,276
CHR3	6698195	CHR3:6698195	SSF x LoA	-9,954	0,005	0,296
CHR3	6701516	CHR3:6701516	SSF x LoA	-10,468	-0,009	0,286
CHR3	6701517	CHR3:6701517	SSF x LoA	-9,923	0,083	0,282
CHR3	675372	CHR3:675372	SSF x LoA	-7,067	-0,244	0,274
CHR3	675377	CHR3:675377	SSF x LoA	-2,318	-0,260	0,278
CHR3	6753913	CHR3:6753913	SSF x LoA	-7,216	0,077	0,282
CHR3	6753960	CHR3:6753960	SSF x LoA	-8,400	0,057	0,276
CHR3	6754657	CHR3:6754657	SSF x LoA	-3,495	0,160	0,285
CHR3	6754662	CHR3:6754662	SSF x LoA	-7,233	0,101	0,294
CHR3	6754727	CHR3:6754727	SSF x LoA	-9,509	0,086	0,290
CHR3	676209	CHR3:676209	SSF x LoA	-9,829	0,069	0,294
CHR3	676308	CHR3:676308	SSF x LoA	-5,468	-0,219	0,277
CHR3	6764084	CHR3:6764084	SSF x LoA	-6,734	0,072	0,314
CHR3	6764331	CHR3:6764331	SSF x LoA	-9,762	-0,014	0,298
CHR3	6764346	CHR3:6764346	SSF x LoA	-10,122	-0,063	0,277
CHR3	6764372	CHR3:6764372	SSF x LoA	-9,543	0,006	0,291
CHR3	6769782	CHR3:6769782	SSF x LoA	-8,915	0,003	0,277
CHR3	6775577	CHR3:6775577	SSF x LoA	-6,797	0,118	0,291
CHR3	6775622	CHR3:6775622	SSF x LoA	-9,767	-0,034	0,293
CHR3	6775691	CHR3:6775691	SSF x LoA	-10,268	-0,041	0,307
CHR3	6775737	CHR3:6775737	SSF x LoA	-8,669	0,070	0,308
CHR3	6775769	CHR3:6775769	SSF x LoA	-10,084	-0,038	0,294
CHR3	678033	CHR3:678033	SSF x LoA	-8,762	-0,142	0,292
CHR3	678110	CHR3:678110	SSF x LoA	-10,366	-0,120	0,292
CHR3	678140	CHR3:678140	SSF x LoA	-11,114	-0,091	0,291
CHR3	6791978	CHR3:6791978	SSF x LoA	-9,869	0,079	0,289
CHR3	6791986	CHR3:6791986	SSF x LoA	-9,974	0,092	0,283
CHR3	6792004	CHR3:6792004	SSF x LoA	-8,668	0,010	0,283
CHR3	6799746	CHR3:6799746	SSF x LoA	-7,778	0,059	0,308
CHR3	6837166	CHR3:6837166	SSF x LoA	-11,034	-0,028	0,292
CHR3	6837399	CHR3:6837399	SSF x LoA	-5,705	-0,133	0,277
CHR3	6842592	CHR3:6842592	SSF x LoA	-8,761	-0,034	0,284
CHR3	6875928	CHR3:6875928	SSF x LoA	-9,838	0,048	0,280
CHR3	6875952	CHR3:6875952	SSF x LoA	-10,755	0,072	0,293
CHR3	6875959	CHR3:6875959	SSF x LoA	-9,636	0,048	0,302
CHR3	6890092	CHR3:6890092	SSF x LoA	-5,555	-0,206	0,286
CHR3	6890095	CHR3:6890095	SSF x LoA	-9,650	0,081	0,287
CHR3	6890133	CHR3:6890133	SSF x LoA	-10,830	0,069	0,287
CHR3	6890141	CHR3:6890141	SSF x LoA	-9,793	0,088	0,282
CHR3	6890176	CHR3:6890176	SSF x LoA	-7,910	0,066	0,295

CHR3	6890182	CHR3:6890182	SSF x LoA	-9,050	0,099	0,291
CHR3	6890218	CHR3:6890218	SSF x LoA	-9,339	-0,105	0,277
CHR3	6890235	CHR3:6890235	SSF x LoA	-10,916	0,052	0,263
CHR3	6897884	CHR3:6897884	SSF x LoA	-10,187	0,084	0,292
CHR3	6897943	CHR3:6897943	SSF x LoA	-9,710	-0,008	0,283
CHR3	6897946	CHR3:6897946	SSF x LoA	-8,222	-0,026	0,297
CHR3	6897956	CHR3:6897956	SSF x LoA	-6,105	-0,048	0,294
CHR3	6897974	CHR3:6897974	SSF x LoA	-7,340	-0,060	0,267
CHR3	6897991	CHR3:6897991	SSF x LoA	-7,902	0,066	0,291
CHR3	6898220	CHR3:6898220	SSF x LoA	-10,885	-0,073	0,288
CHR3	690979	CHR3:690979	SSF x LoA	-10,429	-0,005	0,290
CHR3	6938914	CHR3:6938914	SSF x LoA	-8,437	-0,035	0,293
CHR3	6938921	CHR3:6938921	SSF x LoA	-9,265	0,069	0,283
CHR3	6939063	CHR3:6939063	SSF x LoA	-5,481	-0,181	0,263
CHR3	6947213	CHR3:6947213	SSF x LoA	-6,115	0,019	0,296
CHR3	6947344	CHR3:6947344	SSF x LoA	-8,233	-0,002	0,282
CHR3	6959843	CHR3:6959843	SSF x LoA	-9,489	-0,081	0,281
CHR3	6960024	CHR3:6960024	SSF x LoA	-8,522	0,079	0,282
CHR3	6960026	CHR3:6960026	SSF x LoA	-6,001	0,063	0,300
CHR3	6960057	CHR3:6960057	SSF x LoA	-7,750	-0,023	0,297
CHR3	6974286	CHR3:6974286	SSF x LoA	-8,785	-0,099	0,292
CHR3	6974366	CHR3:6974366	SSF x LoA	-8,882	-0,005	0,287
CHR3	6974390	CHR3:6974390	SSF x LoA	-7,139	0,092	0,286
CHR3	6974616	CHR3:6974616	SSF x LoA	-9,773	-0,021	0,298
CHR3	6974644	CHR3:6974644	SSF x LoA	-1,609	-0,014	0,304
CHR3	6974692	CHR3:6974692	SSF x LoA	-6,861	0,147	0,285
CHR3	6981415	CHR3:6981415	SSF x LoA	-8,798	-0,012	0,290
CHR3	6981438	CHR3:6981438	SSF x LoA	-8,602	0,055	0,304
CHR3	6981500	CHR3:6981500	SSF x LoA	-10,254	0,000	0,293
CHR3	6981501	CHR3:6981501	SSF x LoA	-9,836	-0,083	0,296
CHR3	6981735	CHR3:6981735	SSF x LoA	-9,329	0,043	0,283
CHR3	698403	CHR3:698403	SSF x LoA	-9,167	0,007	0,288
CHR3	698444	CHR3:698444	SSF x LoA	-9,605	-0,083	0,288
CHR3	698488	CHR3:698488	SSF x LoA	-11,036	0,025	0,281
CHR3	6986306	CHR3:6986306	SSF x LoA	-9,892	0,001	0,289
CHR3	6986385	CHR3:6986385	SSF x LoA	-9,707	-0,018	0,286
CHR3	6986436	CHR3:6986436	SSF x LoA	-8,806	-0,029	0,291
CHR3	6986763	CHR3:6986763	SSF x LoA	-8,016	-0,050	0,287
CHR3	6991343	CHR3:6991343	SSF x LoA	-10,251	-0,030	0,292
CHR3	6991412	CHR3:6991412	SSF x LoA	-10,776	-0,099	0,283
CHR3	6991442	CHR3:6991442	SSF x LoA	-8,384	0,005	0,303
CHR3	6991544	CHR3:6991544	SSF x LoA	-7,582	0,137	0,292
CHR3	6991643	CHR3:6991643	SSF x LoA	-8,245	0,092	0,280
CHR3	6991700	CHR3:6991700	SSF x LoA	-8,141	0,119	0,282
CHR3	6993244	CHR3:6993244	SSF x LoA	-9,873	-0,001	0,294
CHR3	6993470	CHR3:6993470	SSF x LoA	-10,189	-0,008	0,297
CHR3	710591	CHR3:710591	SSF x LoA	-9,566	0,046	0,287
CHR3	710634	CHR3:710634	SSF x LoA	-9,590	0,079	0,292
CHR3	710738	CHR3:710738	SSF x LoA	-7,220	0,144	0,294
CHR3	724624	CHR3:724624	SSF x LoA	-7,069	0,033	0,291
CHR3	7298956	CHR3:7298956	SSF x LoA	2,567	-0,064	0,288
CHR3	7298995	CHR3:7298995	SSF x LoA	-7,872	-0,049	0,280
CHR3	7299061	CHR3:7299061	SSF x LoA	-8,307	0,008	0,285

CHR3	7316146	CHR3:7316146	SSF x LoA	-9,729	-0,049	0,295
CHR3	7353781	CHR3:7353781	SSF x LoA	-6,775	-0,074	0,293
CHR3	7354044	CHR3:7354044	SSF x LoA	-8,828	0,014	0,294
CHR3	7363152	CHR3:7363152	SSF x LoA	-4,293	-0,195	0,291
CHR3	738004	CHR3:738004	SSF x LoA	-9,101	0,021	0,289
CHR3	738212	CHR3:738212	SSF x LoA	-8,650	0,031	0,305
CHR3	738228	CHR3:738228	SSF x LoA	-7,382	0,062	0,299
CHR3	740327	CHR3:740327	SSF x LoA	-5,620	-0,173	0,273
CHR3	7448734	CHR3:7448734	SSF x LoA	-5,891	0,040	0,293
CHR3	7465697	CHR3:7465697	SSF x LoA	-7,580	0,036	0,286
CHR3	7465754	CHR3:7465754	SSF x LoA	-8,672	-0,031	0,285
CHR3	7465785	CHR3:7465785	SSF x LoA	-7,915	-0,027	0,300
CHR3	7470480	CHR3:7470480	SSF x LoA	-8,642	-0,079	0,278
CHR3	7470681	CHR3:7470681	SSF x LoA	-7,460	0,092	0,292
CHR3	7470735	CHR3:7470735	SSF x LoA	-9,276	0,009	0,300
CHR3	751269	CHR3:751269	SSF x LoA	-8,320	0,052	0,292
CHR3	751321	CHR3:751321	SSF x LoA	-10,316	-0,036	0,293
CHR3	7519328	CHR3:7519328	SSF x LoA	-10,235	-0,101	0,288
CHR3	7519349	CHR3:7519349	SSF x LoA	-6,573	0,120	0,292
CHR3	7596915	CHR3:7596915	SSF x LoA	-10,301	-0,018	0,291
CHR3	7596916	CHR3:7596916	SSF x LoA	-6,506	0,086	0,295
CHR3	7596962	CHR3:7596962	SSF x LoA	-10,857	-0,042	0,300
CHR3	7596973	CHR3:7596973	SSF x LoA	-10,506	-0,109	0,286
CHR3	7598507	CHR3:7598507	SSF x LoA	-6,608	-0,097	0,294
CHR3	7613460	CHR3:7613460	SSF x LoA	-6,133	-0,166	0,284
CHR3	7632535	CHR3:7632535	SSF x LoA	-8,531	-0,037	0,260
CHR3	7632747	CHR3:7632747	SSF x LoA	-11,160	-0,058	0,286
CHR3	7638713	CHR3:7638713	SSF x LoA	-8,816	0,107	0,287
CHR3	7638714	CHR3:7638714	SSF x LoA	-8,509	-0,146	0,273
CHR3	764530	CHR3:764530	SSF x LoA	-5,925	-0,067	0,300
CHR3	764636	CHR3:764636	SSF x LoA	-8,662	0,129	0,300
CHR3	764778	CHR3:764778	SSF x LoA	-9,797	0,003	0,293
CHR3	7649586	CHR3:7649586	SSF x LoA	-8,541	-0,032	0,290
CHR3	7688330	CHR3:7688330	SSF x LoA	-6,372	0,149	0,284
CHR3	7694193	CHR3:7694193	SSF x LoA	-8,738	0,030	0,289
CHR3	7694443	CHR3:7694443	SSF x LoA	-10,516	-0,035	0,296
CHR3	769805	CHR3:769805	SSF x LoA	-10,499	0,006	0,288
CHR3	769845	CHR3:769845	SSF x LoA	-10,099	-0,009	0,298
CHR3	769890	CHR3:769890	SSF x LoA	-8,732	0,015	0,295
CHR3	769967	CHR3:769967	SSF x LoA	-8,692	0,004	0,280
CHR3	771473	CHR3:771473	SSF x LoA	-9,595	0,113	0,283
CHR3	771480	CHR3:771480	SSF x LoA	-8,099	0,047	0,298
CHR3	771672	CHR3:771672	SSF x LoA	-8,302	0,033	0,290
CHR3	771710	CHR3:771710	SSF x LoA	-6,499	0,065	0,288
CHR3	771714	CHR3:771714	SSF x LoA	-8,853	0,004	0,282
CHR3	7718785	CHR3:7718785	SSF x LoA	-8,556	0,061	0,296
CHR3	7718873	CHR3:7718873	SSF x LoA	-11,088	0,009	0,291
CHR3	7718925	CHR3:7718925	SSF x LoA	-7,258	0,021	0,287
CHR3	7719006	CHR3:7719006	SSF x LoA	-10,366	-0,065	0,290
CHR3	7719025	CHR3:7719025	SSF x LoA	-9,201	-0,147	0,283
CHR3	7735230	CHR3:7735230	SSF x LoA	-9,327	-0,071	0,276
CHR3	7735232	CHR3:7735232	SSF x LoA	-8,685	-0,094	0,267
CHR3	7735234	CHR3:7735234	SSF x LoA	-8,515	-0,089	0,274

CHR3	7735260	CHR3:7735260	SSF x LoA	-7,776	-0,078	0,278
CHR3	7735322	CHR3:7735322	SSF x LoA	-6,797	-0,033	0,289
CHR3	773850	CHR3:773850	SSF x LoA	-9,009	0,046	0,284
CHR3	773888	CHR3:773888	SSF x LoA	-10,896	0,050	0,298
CHR3	773954	CHR3:773954	SSF x LoA	-7,717	0,037	0,294
CHR3	774107	CHR3:774107	SSF x LoA	-10,113	-0,142	0,281
CHR3	774199	CHR3:774199	SSF x LoA	-9,514	-0,143	0,279
CHR3	774220	CHR3:774220	SSF x LoA	-10,511	-0,108	0,272
CHR3	774242	CHR3:774242	SSF x LoA	-9,671	-0,150	0,277
CHR3	774263	CHR3:774263	SSF x LoA	-10,000	0,031	0,278
CHR3	7742637	CHR3:7742637	SSF x LoA	-7,236	0,093	0,292
CHR3	7742790	CHR3:7742790	SSF x LoA	-8,121	-0,009	0,293
CHR3	7747521	CHR3:7747521	SSF x LoA	-9,754	-0,039	0,291
CHR3	7747637	CHR3:7747637	SSF x LoA	-7,540	-0,031	0,277
CHR3	7747677	CHR3:7747677	SSF x LoA	-8,475	-0,130	0,301
CHR3	7750833	CHR3:7750833	SSF x LoA	-7,847	0,020	0,293
CHR3	7750882	CHR3:7750882	SSF x LoA	-9,227	-0,131	0,292
CHR3	7750911	CHR3:7750911	SSF x LoA	-8,453	-0,026	0,280
CHR3	7750912	CHR3:7750912	SSF x LoA	-10,329	-0,013	0,268
CHR3	7751059	CHR3:7751059	SSF x LoA	-9,012	0,085	0,276
CHR3	7751114	CHR3:7751114	SSF x LoA	-8,450	0,038	0,291
CHR3	7751121	CHR3:7751121	SSF x LoA	-7,871	-0,198	0,275
CHR3	7751135	CHR3:7751135	SSF x LoA	-7,477	0,081	0,280
CHR3	7751167	CHR3:7751167	SSF x LoA	-9,412	0,024	0,286
CHR3	7751175	CHR3:7751175	SSF x LoA	9,965	0,111	0,289
CHR3	7763483	CHR3:7763483	SSF x LoA	-10,466	0,065	0,303
CHR3	7763498	CHR3:7763498	SSF x LoA	-6,459	-0,055	0,300
CHR3	7779145	CHR3:7779145	SSF x LoA	-6,802	0,039	0,299
CHR3	7779167	CHR3:7779167	SSF x LoA	-9,764	0,021	0,278
CHR3	7779179	CHR3:7779179	SSF x LoA	-8,570	0,026	0,289
CHR3	7779186	CHR3:7779186	SSF x LoA	-7,398	0,036	0,286
CHR3	7779202	CHR3:7779202	SSF x LoA	-6,947	0,049	0,292
CHR3	7779239	CHR3:7779239	SSF x LoA	-7,781	0,019	0,284
CHR3	7779296	CHR3:7779296	SSF x LoA	-8,945	0,010	0,285
CHR3	7779305	CHR3:7779305	SSF x LoA	-8,374	0,033	0,290
CHR3	7779331	CHR3:7779331	SSF x LoA	-8,514	0,002	0,293
CHR3	7843401	CHR3:7843401	SSF x LoA	-8,840	-0,139	0,296
CHR3	7843402	CHR3:7843402	SSF x LoA	-7,503	-0,154	0,294
CHR3	7843420	CHR3:7843420	SSF x LoA	-8,915	-0,018	0,269
CHR3	7843459	CHR3:7843459	SSF x LoA	-9,606	-0,005	0,282
CHR3	7843489	CHR3:7843489	SSF x LoA	-8,167	-0,029	0,290
CHR3	7843590	CHR3:7843590	SSF x LoA	-10,998	0,000	0,286
CHR3	7849096	CHR3:7849096	SSF x LoA	-10,393	0,007	0,289
CHR3	7849245	CHR3:7849245	SSF x LoA	-8,909	0,110	0,286
CHR3	7850436	CHR3:7850436	SSF x LoA	-9,261	-0,072	0,291
CHR3	7850481	CHR3:7850481	SSF x LoA	-11,163	0,015	0,278
CHR3	7850539	CHR3:7850539	SSF x LoA	-10,173	0,052	0,284
CHR3	7850566	CHR3:7850566	SSF x LoA	-8,904	0,061	0,276
CHR3	7850578	CHR3:7850578	SSF x LoA	-5,865	-0,143	0,286
CHR3	7850594	CHR3:7850594	SSF x LoA	-5,666	-0,107	0,277
CHR3	7850664	CHR3:7850664	SSF x LoA	-7,278	-0,066	0,285
CHR3	7876329	CHR3:7876329	SSF x LoA	-6,317	0,227	0,296
CHR3	7882086	CHR3:7882086	SSF x LoA	-10,198	-0,136	0,283

CHR3	7882105	CHR3:7882105	SSF x LoA	-9,092	-0,057	0,289
CHR3	7887363	CHR3:7887363	SSF x LoA	-5,083	-0,030	0,310
CHR3	7887435	CHR3:7887435	SSF x LoA	-10,298	0,037	0,293
CHR3	7887441	CHR3:7887441	SSF x LoA	-5,748	-0,177	0,285
CHR3	7887445	CHR3:7887445	SSF x LoA	-9,421	0,071	0,298
CHR3	7887470	CHR3:7887470	SSF x LoA	-9,966	0,070	0,290
CHR3	7887506	CHR3:7887506	SSF x LoA	-6,095	-0,141	0,301
CHR3	7887515	CHR3:7887515	SSF x LoA	-9,997	0,078	0,295
CHR3	7887534	CHR3:7887534	SSF x LoA	-9,034	-0,023	0,300
CHR3	7887547	CHR3:7887547	SSF x LoA	-8,673	0,039	0,309
CHR3	7887557	CHR3:7887557	SSF x LoA	-9,881	0,044	0,305
CHR3	7887558	CHR3:7887558	SSF x LoA	-11,628	0,052	0,295
CHR3	7887561	CHR3:7887561	SSF x LoA	-8,160	-0,023	0,296
CHR3	7887597	CHR3:7887597	SSF x LoA	-9,939	0,032	0,294
CHR3	7905051	CHR3:7905051	SSF x LoA	-7,765	-0,110	0,279
CHR3	7932953	CHR3:7932953	SSF x LoA	-10,441	-0,076	0,280
CHR3	7933979	CHR3:7933979	SSF x LoA	-11,058	-0,053	0,283
CHR3	7934015	CHR3:7934015	SSF x LoA	-11,882	-0,030	0,280
CHR3	7934048	CHR3:7934048	SSF x LoA	-9,214	-0,052	0,285
CHR3	7934074	CHR3:7934074	SSF x LoA	-11,183	-0,014	0,292
CHR3	7934084	CHR3:7934084	SSF x LoA	-10,587	-0,043	0,290
CHR3	7934112	CHR3:7934112	SSF x LoA	-8,322	0,065	0,301
CHR3	7934182	CHR3:7934182	SSF x LoA	-7,901	0,088	0,289
CHR3	7934187	CHR3:7934187	SSF x LoA	-8,300	0,063	0,294
CHR3	7946199	CHR3:7946199	SSF x LoA	-4,281	0,161	0,295
CHR3	7946263	CHR3:7946263	SSF x LoA	-8,063	-0,056	0,291
CHR3	795567	CHR3:795567	SSF x LoA	-7,758	0,002	0,292
CHR3	795712	CHR3:795712	SSF x LoA	-8,843	0,007	0,289
CHR3	7965111	CHR3:7965111	SSF x LoA	-9,258	0,052	0,288
CHR3	796557	CHR3:796557	SSF x LoA	-10,983	0,051	0,290
CHR3	7965697	CHR3:7965697	SSF x LoA	-8,972	0,010	0,292
CHR3	7965702	CHR3:7965702	SSF x LoA	-10,695	0,017	0,283
CHR3	7965703	CHR3:7965703	SSF x LoA	-11,152	0,035	0,294
CHR3	7965707	CHR3:7965707	SSF x LoA	-7,800	0,055	0,297
CHR3	7965725	CHR3:7965725	SSF x LoA	-8,254	-0,068	0,278
CHR3	7965748	CHR3:7965748	SSF x LoA	-8,661	0,031	0,288
CHR3	7965813	CHR3:7965813	SSF x LoA	-8,193	0,047	0,284
CHR3	796594	CHR3:796594	SSF x LoA	-7,390	0,122	0,301
CHR3	7978338	CHR3:7978338	SSF x LoA	-6,948	0,100	0,296
CHR3	7978377	CHR3:7978377	SSF x LoA	-8,566	-0,105	0,300
CHR3	7982187	CHR3:7982187	SSF x LoA	-8,443	0,068	0,278
CHR3	7986880	CHR3:7986880	SSF x LoA	-8,359	0,084	0,293
CHR3	8004999	CHR3:8004999	SSF x LoA	-8,880	0,041	0,290
CHR3	8009318	CHR3:8009318	SSF x LoA	-9,735	0,069	0,281
CHR3	8009395	CHR3:8009395	SSF x LoA	-10,476	0,073	0,306
CHR3	8009462	CHR3:8009462	SSF x LoA	-7,854	0,009	0,294
CHR3	8009510	CHR3:8009510	SSF x LoA	-7,503	0,019	0,308
CHR3	8009532	CHR3:8009532	SSF x LoA	-8,312	0,005	0,304
CHR3	8012286	CHR3:8012286	SSF x LoA	-6,617	0,006	0,290
CHR3	8012289	CHR3:8012289	SSF x LoA	-10,640	-0,007	0,268
CHR3	8012293	CHR3:8012293	SSF x LoA	-8,696	-0,026	0,284
CHR3	8030605	CHR3:8030605	SSF x LoA	-4,035	-0,241	0,280
CHR3	8030612	CHR3:8030612	SSF x LoA	-9,547	-0,150	0,290

CHR3	8031176	CHR3:8031176	SSF x LoA	-8,593	0,001	0,268
CHR3	8031206	CHR3:8031206	SSF x LoA	-9,587	-0,079	0,286
CHR3	8036812	CHR3:8036812	SSF x LoA	-7,122	-0,023	0,292
CHR3	8036899	CHR3:8036899	SSF x LoA	-3,345	-0,079	0,271
CHR3	8044379	CHR3:8044379	SSF x LoA	-9,455	0,026	0,284
CHR3	8044697	CHR3:8044697	SSF x LoA	-8,509	0,084	0,289
CHR3	8044708	CHR3:8044708	SSF x LoA	-11,715	0,035	0,289
CHR3	8044740	CHR3:8044740	SSF x LoA	-8,775	0,109	0,285
CHR3	8069245	CHR3:8069245	SSF x LoA	-5,837	-0,141	0,274
CHR3	808179	CHR3:808179	SSF x LoA	-8,220	-0,020	0,299
CHR3	8084088	CHR3:8084088	SSF x LoA	-10,585	0,035	0,301
CHR3	8084125	CHR3:8084125	SSF x LoA	-8,654	0,110	0,297
CHR3	8084132	CHR3:8084132	SSF x LoA	-7,920	-0,174	0,280
CHR3	8084174	CHR3:8084174	SSF x LoA	-9,701	-0,013	0,307
CHR3	8108532	CHR3:8108532	SSF x LoA	-9,565	0,130	0,291
CHR3	8108698	CHR3:8108698	SSF x LoA	-4,055	0,066	0,290
CHR3	8108705	CHR3:8108705	SSF x LoA	-9,924	-0,047	0,282
CHR3	8131254	CHR3:8131254	SSF x LoA	-5,202	-0,155	0,284
CHR3	8131311	CHR3:8131311	SSF x LoA	-9,986	0,020	0,291
CHR3	8147370	CHR3:8147370	SSF x LoA	-8,846	0,066	0,271
CHR3	8147420	CHR3:8147420	SSF x LoA	-9,747	0,028	0,292
CHR3	8147760	CHR3:8147760	SSF x LoA	-8,180	-0,109	0,279
CHR3	8156231	CHR3:8156231	SSF x LoA	-10,254	-0,018	0,288
CHR3	8170936	CHR3:8170936	SSF x LoA	-7,092	0,101	0,292
CHR3	8171225	CHR3:8171225	SSF x LoA	-7,491	0,066	0,289
CHR3	8183430	CHR3:8183430	SSF x LoA	-9,326	-0,139	0,275
CHR3	8183437	CHR3:8183437	SSF x LoA	-7,691	-0,007	0,299
CHR3	818602	CHR3:818602	SSF x LoA	-6,148	0,063	0,285
CHR3	8215921	CHR3:8215921	SSF x LoA	-11,092	-0,026	0,268
CHR3	8216001	CHR3:8216001	SSF x LoA	-7,399	-0,117	0,287
CHR3	8219875	CHR3:8219875	SSF x LoA	-5,929	-0,179	0,291
CHR3	8229014	CHR3:8229014	SSF x LoA	-11,144	-0,059	0,289
CHR3	8229168	CHR3:8229168	SSF x LoA	-10,426	-0,091	0,291
CHR3	8229175	CHR3:8229175	SSF x LoA	-8,915	-0,036	0,282
CHR3	8256791	CHR3:8256791	SSF x LoA	-9,059	-0,037	0,287
CHR3	8256837	CHR3:8256837	SSF x LoA	-7,955	-0,058	0,292
CHR3	8256900	CHR3:8256900	SSF x LoA	-8,899	-0,076	0,288
CHR3	8256910	CHR3:8256910	SSF x LoA	-8,915	0,151	0,286
CHR3	8257010	CHR3:8257010	SSF x LoA	-8,305	-0,081	0,290
CHR3	8257035	CHR3:8257035	SSF x LoA	-8,541	-0,193	0,275
CHR3	8257070	CHR3:8257070	SSF x LoA	-9,938	-0,045	0,301
CHR3	8268005	CHR3:8268005	SSF x LoA	-10,305	0,074	0,280
CHR3	8268086	CHR3:8268086	SSF x LoA	-8,755	-0,075	0,292
CHR3	8268101	CHR3:8268101	SSF x LoA	-7,473	0,071	0,303
CHR3	8268117	CHR3:8268117	SSF x LoA	-9,859	0,005	0,295
CHR3	8268118	CHR3:8268118	SSF x LoA	-8,601	0,001	0,293
CHR3	8268119	CHR3:8268119	SSF x LoA	-8,463	0,042	0,296
CHR3	8268125	CHR3:8268125	SSF x LoA	-9,869	-0,025	0,293
CHR3	8268126	CHR3:8268126	SSF x LoA	-7,392	-0,087	0,301
CHR3	8268148	CHR3:8268148	SSF x LoA	-6,638	-0,160	0,294
CHR3	8268193	CHR3:8268193	SSF x LoA	-10,637	0,058	0,298
CHR3	8268458	CHR3:8268458	SSF x LoA	-8,085	0,097	0,299
CHR3	8271276	CHR3:8271276	SSF x LoA	-8,435	0,064	0,275

CHR3	8271404	CHR3:8271404	SSF x LoA	-5,768	0,088	0,295
CHR3	8281234	CHR3:8281234	SSF x LoA	-11,227	-0,071	0,271
CHR3	8281385	CHR3:8281385	SSF x LoA	-4,055	0,174	0,294
CHR3	8284754	CHR3:8284754	SSF x LoA	-10,623	0,048	0,291
CHR3	8284997	CHR3:8284997	SSF x LoA	-7,548	0,128	0,282
CHR3	8301600	CHR3:8301600	SSF x LoA	-10,061	0,002	0,274
CHR3	8301616	CHR3:8301616	SSF x LoA	-9,935	0,026	0,289
CHR3	8301620	CHR3:8301620	SSF x LoA	-9,178	-0,069	0,288
CHR3	8301625	CHR3:8301625	SSF x LoA	-10,277	-0,028	0,293
CHR3	8301627	CHR3:8301627	SSF x LoA	-2,188	0,022	0,296
CHR3	8301726	CHR3:8301726	SSF x LoA	-8,760	0,028	0,310
CHR3	8301776	CHR3:8301776	SSF x LoA	-11,171	-0,058	0,292
CHR3	8301864	CHR3:8301864	SSF x LoA	-9,214	-0,068	0,302
CHR3	8317716	CHR3:8317716	SSF x LoA	-8,250	-0,169	0,286
CHR3	8329312	CHR3:8329312	SSF x LoA	-8,593	-0,002	0,293
CHR3	833204	CHR3:833204	SSF x LoA	-9,271	0,010	0,295
CHR3	8333205	CHR3:8333205	SSF x LoA	-8,319	-0,011	0,286
CHR3	8333210	CHR3:8333210	SSF x LoA	-11,158	0,093	0,290
CHR3	8333229	CHR3:8333229	SSF x LoA	-1,297	0,015	0,288
CHR3	8333258	CHR3:8333258	SSF x LoA	-10,001	0,085	0,292
CHR3	8333266	CHR3:8333266	SSF x LoA	-9,441	0,086	0,299
CHR3	8333279	CHR3:8333279	SSF x LoA	-10,492	-0,045	0,275
CHR3	8333300	CHR3:8333300	SSF x LoA	-11,837	-0,030	0,268
CHR3	8333315	CHR3:8333315	SSF x LoA	-7,898	0,061	0,288
CHR3	833333	CHR3:833333	SSF x LoA	1,148	-0,141	0,284
CHR3	8333330	CHR3:8333330	SSF x LoA	-7,915	0,079	0,290
CHR3	8333332	CHR3:8333332	SSF x LoA	-8,127	0,068	0,286
CHR3	8333334	CHR3:8333334	SSF x LoA	-8,161	-0,007	0,293
CHR3	833426	CHR3:833426	SSF x LoA	-9,570	-0,061	0,293
CHR3	833473	CHR3:833473	SSF x LoA	-10,932	0,022	0,298
CHR3	833513	CHR3:833513	SSF x LoA	-8,504	0,062	0,295
CHR3	833540	CHR3:833540	SSF x LoA	-7,566	0,078	0,288
CHR3	8349110	CHR3:8349110	SSF x LoA	-10,266	0,014	0,306
CHR3	8358739	CHR3:8358739	SSF x LoA	-6,214	-0,028	0,294
CHR3	8362575	CHR3:8362575	SSF x LoA	-8,119	-0,061	0,299
CHR3	8362580	CHR3:8362580	SSF x LoA	-7,056	0,009	0,287
CHR3	8362596	CHR3:8362596	SSF x LoA	-7,642	0,004	0,291
CHR3	8362608	CHR3:8362608	SSF x LoA	-8,066	0,032	0,277
CHR3	8362632	CHR3:8362632	SSF x LoA	-8,058	0,003	0,285
CHR3	8362858	CHR3:8362858	SSF x LoA	-11,404	0,000	0,295
CHR3	8388682	CHR3:8388682	SSF x LoA	-8,368	-0,031	0,281
CHR3	839511	CHR3:839511	SSF x LoA	-8,456	-0,147	0,290
CHR3	839527	CHR3:839527	SSF x LoA	-8,371	-0,188	0,274
CHR3	839532	CHR3:839532	SSF x LoA	-8,980	-0,080	0,285
CHR3	839539	CHR3:839539	SSF x LoA	-9,099	-0,012	0,285
CHR3	839579	CHR3:839579	SSF x LoA	-7,270	0,126	0,281
CHR3	839707	CHR3:839707	SSF x LoA	-6,487	0,210	0,292
CHR3	839760	CHR3:839760	SSF x LoA	-5,073	0,081	0,291
CHR3	8432818	CHR3:8432818	SSF x LoA	-9,146	-0,030	0,285
CHR3	8432875	CHR3:8432875	SSF x LoA	-4,994	0,230	0,281
CHR3	8441202	CHR3:8441202	SSF x LoA	-9,055	-0,077	0,295
CHR3	8441221	CHR3:8441221	SSF x LoA	-9,716	0,009	0,279
CHR3	8441283	CHR3:8441283	SSF x LoA	-7,148	0,197	0,271

CHR3	8441319	CHR3:8441319	SSF x LoA	-8,227	0,122	0,282
CHR3	8490765	CHR3:8490765	SSF x LoA	-2,561	0,158	0,301
CHR3	8497338	CHR3:8497338	SSF x LoA	-10,182	0,000	0,292
CHR3	8497372	CHR3:8497372	SSF x LoA	-8,938	-0,033	0,291
CHR3	8521152	CHR3:8521152	SSF x LoA	-7,415	0,070	0,299
CHR3	8521213	CHR3:8521213	SSF x LoA	-6,519	-0,149	0,306
CHR3	8521368	CHR3:8521368	SSF x LoA	-7,068	0,108	0,295
CHR3	8521379	CHR3:8521379	SSF x LoA	-8,265	0,063	0,278
CHR3	8521381	CHR3:8521381	SSF x LoA	-8,283	0,102	0,302
CHR3	8521403	CHR3:8521403	SSF x LoA	-5,533	0,070	0,306
CHR3	8525726	CHR3:8525726	SSF x LoA	-9,214	-0,137	0,286
CHR3	8553595	CHR3:8553595	SSF x LoA	-10,599	-0,002	0,281
CHR3	8564418	CHR3:8564418	SSF x LoA	-11,095	-0,047	0,291
CHR3	8564420	CHR3:8564420	SSF x LoA	-8,049	-0,041	0,281
CHR3	8564498	CHR3:8564498	SSF x LoA	-8,128	-0,017	0,300
CHR3	8564520	CHR3:8564520	SSF x LoA	-8,325	0,019	0,282
CHR3	8564521	CHR3:8564521	SSF x LoA	-8,309	0,045	0,292
CHR3	8564528	CHR3:8564528	SSF x LoA	-8,196	-0,002	0,297
CHR3	8564561	CHR3:8564561	SSF x LoA	-7,746	0,013	0,301
CHR3	8565245	CHR3:8565245	SSF x LoA	-10,653	-0,043	0,285
CHR3	8565278	CHR3:8565278	SSF x LoA	-8,843	-0,007	0,281
CHR3	8565286	CHR3:8565286	SSF x LoA	-9,120	0,116	0,301
CHR3	8565330	CHR3:8565330	SSF x LoA	-8,680	0,024	0,289
CHR3	8568768	CHR3:8568768	SSF x LoA	-7,674	0,099	0,289
CHR3	8568781	CHR3:8568781	SSF x LoA	-8,627	-0,021	0,293
CHR3	8568834	CHR3:8568834	SSF x LoA	-8,467	0,081	0,300
CHR3	8583456	CHR3:8583456	SSF x LoA	-10,849	-0,003	0,278
CHR3	8592734	CHR3:8592734	SSF x LoA	-7,796	0,059	0,304
CHR3	8592883	CHR3:8592883	SSF x LoA	-7,504	0,020	0,279
CHR3	8604577	CHR3:8604577	SSF x LoA	-9,009	-0,037	0,290
CHR3	8611330	CHR3:8611330	SSF x LoA	-9,574	-0,126	0,281
CHR3	8630320	CHR3:8630320	SSF x LoA	-7,928	-0,184	0,283
CHR3	8630337	CHR3:8630337	SSF x LoA	-6,908	0,021	0,298
CHR3	8630391	CHR3:8630391	SSF x LoA	-11,691	-0,017	0,294
CHR3	8630459	CHR3:8630459	SSF x LoA	-11,515	0,053	0,292
CHR3	8630460	CHR3:8630460	SSF x LoA	-3,632	0,155	0,288
CHR3	8630481	CHR3:8630481	SSF x LoA	-6,799	0,125	0,296
CHR3	8630665	CHR3:8630665	SSF x LoA	-8,775	0,057	0,298
CHR3	8637143	CHR3:8637143	SSF x LoA	-8,590	-0,005	0,287
CHR3	8653352	CHR3:8653352	SSF x LoA	-10,682	0,010	0,278
CHR3	8653409	CHR3:8653409	SSF x LoA	-8,378	-0,010	0,293
CHR3	8653417	CHR3:8653417	SSF x LoA	-7,718	0,088	0,285
CHR3	8653458	CHR3:8653458	SSF x LoA	-6,871	0,051	0,297
CHR3	8653527	CHR3:8653527	SSF x LoA	-7,428	-0,116	0,289
CHR3	8662470	CHR3:8662470	SSF x LoA	-8,209	0,060	0,279
CHR3	8662476	CHR3:8662476	SSF x LoA	-8,204	-0,020	0,311
CHR3	8663616	CHR3:8663616	SSF x LoA	-5,988	-0,101	0,287
CHR3	8663635	CHR3:8663635	SSF x LoA	-7,817	-0,093	0,285
CHR3	8663636	CHR3:8663636	SSF x LoA	-6,238	-0,100	0,291
CHR3	8663639	CHR3:8663639	SSF x LoA	-7,923	-0,078	0,266
CHR3	8663658	CHR3:8663658	SSF x LoA	-5,766	-0,092	0,286
CHR3	8663823	CHR3:8663823	SSF x LoA	-11,132	-0,034	0,305
CHR3	8664779	CHR3:8664779	SSF x LoA	-10,490	0,004	0,272

CHR3	8664827	CHR3:8664827	SSF x LoA	-10,911	0,092	0,269
CHR3	8664872	CHR3:8664872	SSF x LoA	-9,780	-0,003	0,275
CHR3	869206	CHR3:869206	SSF x LoA	-7,548	0,179	0,291
CHR3	869208	CHR3:869208	SSF x LoA	-10,043	0,010	0,286
CHR3	869218	CHR3:869218	SSF x LoA	-8,405	0,051	0,291
CHR3	869262	CHR3:869262	SSF x LoA	-9,716	0,028	0,302
CHR3	869277	CHR3:869277	SSF x LoA	-6,433	0,042	0,302
CHR3	869307	CHR3:869307	SSF x LoA	-7,242	0,101	0,302
CHR3	869312	CHR3:869312	SSF x LoA	-4,800	0,062	0,301
CHR3	869352	CHR3:869352	SSF x LoA	-8,631	-0,077	0,287
CHR3	8727832	CHR3:8727832	SSF x LoA	-8,137	0,024	0,295
CHR3	8727841	CHR3:8727841	SSF x LoA	-8,017	0,019	0,304
CHR3	8727844	CHR3:8727844	SSF x LoA	-8,173	0,016	0,301
CHR3	8727845	CHR3:8727845	SSF x LoA	-7,514	0,029	0,294
CHR3	8727876	CHR3:8727876	SSF x LoA	-10,039	0,015	0,286
CHR3	8727903	CHR3:8727903	SSF x LoA	-9,343	-0,019	0,275
CHR3	8727953	CHR3:8727953	SSF x LoA	-7,492	-0,043	0,294
CHR3	8728004	CHR3:8728004	SSF x LoA	-7,018	-0,032	0,293
CHR3	8730402	CHR3:8730402	SSF x LoA	-1,490	0,044	0,300
CHR3	8730450	CHR3:8730450	SSF x LoA	-8,551	-0,120	0,282
CHR3	8731035	CHR3:8731035	SSF x LoA	-8,559	-0,133	0,275
CHR3	8736885	CHR3:8736885	SSF x LoA	-2,713	-0,109	0,275
CHR3	8736945	CHR3:8736945	SSF x LoA	-8,900	-0,013	0,278
CHR3	8737038	CHR3:8737038	SSF x LoA	-8,199	0,055	0,302
CHR3	8746039	CHR3:8746039	SSF x LoA	-5,606	-0,183	0,282
CHR3	8793003	CHR3:8793003	SSF x LoA	-4,935	-0,015	0,315
CHR3	8793039	CHR3:8793039	SSF x LoA	-8,029	-0,022	0,286
CHR3	8849959	CHR3:8849959	SSF x LoA	-7,391	-0,062	0,299
CHR3	8868556	CHR3:8868556	SSF x LoA	-8,603	0,095	0,292
CHR3	8868645	CHR3:8868645	SSF x LoA	-10,803	-0,051	0,284
CHR3	8945318	CHR3:8945318	SSF x LoA	-9,923	0,118	0,295
CHR3	8968697	CHR3:8968697	SSF x LoA	-7,831	-0,102	0,299
CHR3	897184	CHR3:897184	SSF x LoA	-7,287	0,136	0,292
CHR3	9032597	CHR3:9032597	SSF x LoA	-10,027	-0,037	0,284
CHR3	9066243	CHR3:9066243	SSF x LoA	-7,468	-0,130	0,270
CHR3	907485	CHR3:907485	SSF x LoA	-8,855	0,013	0,290
CHR3	9098062	CHR3:9098062	SSF x LoA	-9,932	-0,039	0,284
CHR3	9099350	CHR3:9099350	SSF x LoA	-9,605	-0,033	0,279
CHR3	9116581	CHR3:9116581	SSF x LoA	-9,576	-0,061	0,278
CHR3	9137019	CHR3:9137019	SSF x LoA	-7,359	0,093	0,291
CHR3	9137259	CHR3:9137259	SSF x LoA	-8,151	0,048	0,280
CHR3	9151766	CHR3:9151766	SSF x LoA	-7,880	-0,158	0,281
CHR3	9153107	CHR3:9153107	SSF x LoA	-8,980	-0,100	0,273
CHR3	9167952	CHR3:9167952	SSF x LoA	-6,181	-0,084	0,290
CHR3	918112	CHR3:918112	SSF x LoA	-8,328	-0,099	0,280
CHR3	918196	CHR3:918196	SSF x LoA	-8,661	-0,026	0,299
CHR3	9188372	CHR3:9188372	SSF x LoA	-9,944	0,007	0,285
CHR3	9188468	CHR3:9188468	SSF x LoA	-7,905	-0,089	0,293
CHR3	9188487	CHR3:9188487	SSF x LoA	-8,114	-0,111	0,274
CHR3	9188586	CHR3:9188586	SSF x LoA	-6,693	-0,164	0,272
CHR3	9194887	CHR3:9194887	SSF x LoA	-5,582	-0,082	0,284
CHR3	9194966	CHR3:9194966	SSF x LoA	-7,743	0,069	0,289
CHR3	9197855	CHR3:9197855	SSF x LoA	-8,395	0,002	0,288

CHR3	9197970	CHR3:9197970	SSF x LoA	-4,580	-0,186	0,288
CHR3	9206349	CHR3:9206349	SSF x LoA	-6,681	-0,072	0,281
CHR3	9206394	CHR3:9206394	SSF x LoA	-6,691	0,162	0,268
CHR3	9206489	CHR3:9206489	SSF x LoA	-8,241	-0,063	0,287
CHR3	9206490	CHR3:9206490	SSF x LoA	-10,250	0,011	0,296
CHR3	9206520	CHR3:9206520	SSF x LoA	-9,366	-0,056	0,281
CHR3	9266448	CHR3:9266448	SSF x LoA	-8,715	-0,060	0,298
CHR3	9266451	CHR3:9266451	SSF x LoA	-7,762	-0,086	0,282
CHR3	9307237	CHR3:9307237	SSF x LoA	-0,063	-0,164	0,291
CHR3	9307355	CHR3:9307355	SSF x LoA	-10,209	0,068	0,297
CHR3	9316063	CHR3:9316063	SSF x LoA	-7,408	-0,151	0,274
CHR3	9322168	CHR3:9322168	SSF x LoA	-9,623	-0,004	0,271
CHR3	9341893	CHR3:9341893	SSF x LoA	-8,034	0,067	0,286
CHR3	9355594	CHR3:9355594	SSF x LoA	-8,781	0,116	0,294
CHR3	9355700	CHR3:9355700	SSF x LoA	-11,788	0,017	0,285
CHR3	9355755	CHR3:9355755	SSF x LoA	-10,151	0,005	0,284
CHR3	9355757	CHR3:9355757	SSF x LoA	-9,178	0,004	0,300
CHR3	9355772	CHR3:9355772	SSF x LoA	-10,136	-0,010	0,292
CHR3	9355780	CHR3:9355780	SSF x LoA	-7,530	-0,069	0,283
CHR3	9355799	CHR3:9355799	SSF x LoA	-6,626	0,105	0,295
CHR3	9355823	CHR3:9355823	SSF x LoA	-11,024	0,046	0,297
CHR3	9368581	CHR3:9368581	SSF x LoA	-9,108	0,041	0,287
CHR3	9368614	CHR3:9368614	SSF x LoA	-10,311	-0,021	0,286
CHR3	9371819	CHR3:9371819	SSF x LoA	-11,559	-0,023	0,284
CHR3	9371829	CHR3:9371829	SSF x LoA	-8,933	-0,020	0,289
CHR3	9371834	CHR3:9371834	SSF x LoA	-9,343	0,087	0,289
CHR3	9371876	CHR3:9371876	SSF x LoA	-8,381	0,008	0,286
CHR3	9396745	CHR3:9396745	SSF x LoA	-8,945	0,006	0,286
CHR3	9397005	CHR3:9397005	SSF x LoA	-9,955	0,046	0,291
CHR3	9434847	CHR3:9434847	SSF x LoA	-8,774	0,096	0,288
CHR3	9434928	CHR3:9434928	SSF x LoA	-9,470	0,130	0,288
CHR3	9435128	CHR3:9435128	SSF x LoA	-9,254	-0,036	0,298
CHR3	9435144	CHR3:9435144	SSF x LoA	-8,791	-0,012	0,289
CHR3	9437348	CHR3:9437348	SSF x LoA	-11,187	0,041	0,275
CHR3	9437590	CHR3:9437590	SSF x LoA	-6,388	-0,208	0,286
CHR3	9437638	CHR3:9437638	SSF x LoA	-4,336	0,101	0,291
CHR3	9439011	CHR3:9439011	SSF x LoA	-9,622	-0,003	0,284
CHR3	9439057	CHR3:9439057	SSF x LoA	-8,798	-0,056	0,295
CHR3	9439062	CHR3:9439062	SSF x LoA	-8,603	-0,018	0,301
CHR3	9439107	CHR3:9439107	SSF x LoA	-5,758	-0,154	0,283
CHR3	9439115	CHR3:9439115	SSF x LoA	-7,872	-0,032	0,300
CHR3	9439130	CHR3:9439130	SSF x LoA	-8,732	0,037	0,304
CHR3	9439144	CHR3:9439144	SSF x LoA	-7,735	0,033	0,283
CHR3	9439194	CHR3:9439194	SSF x LoA	-8,002	0,009	0,276
CHR3	9439199	CHR3:9439199	SSF x LoA	-8,736	-0,003	0,290
CHR3	9439218	CHR3:9439218	SSF x LoA	-8,916	-0,035	0,284
CHR3	9439229	CHR3:9439229	SSF x LoA	-8,215	0,021	0,286
CHR3	9439232	CHR3:9439232	SSF x LoA	-6,796	0,092	0,297
CHR3	9443592	CHR3:9443592	SSF x LoA	-7,493	-0,219	0,276
CHR3	9443597	CHR3:9443597	SSF x LoA	-8,576	0,078	0,280
CHR3	9443603	CHR3:9443603	SSF x LoA	-9,204	0,128	0,281
CHR3	9443606	CHR3:9443606	SSF x LoA	-6,269	0,100	0,306
CHR3	9443614	CHR3:9443614	SSF x LoA	-7,037	0,089	0,274

CHR3	9443626	CHR3:9443626	SSF x LoA	-7,902	0,110	0,288
CHR3	944550	CHR3:944550	SSF x LoA	-10,255	-0,029	0,275
CHR3	9445558	CHR3:9445558	SSF x LoA	-6,971	-0,101	0,283
CHR3	9445577	CHR3:9445577	SSF x LoA	-8,355	0,163	0,275
CHR3	9445634	CHR3:9445634	SSF x LoA	-8,156	0,114	0,270
CHR3	9445637	CHR3:9445637	SSF x LoA	-3,182	-0,003	0,287
CHR3	9445642	CHR3:9445642	SSF x LoA	-2,906	0,147	0,288
CHR3	9446489	CHR3:9446489	SSF x LoA	-6,988	-0,104	0,291
CHR3	9446491	CHR3:9446491	SSF x LoA	-9,987	-0,098	0,276
CHR3	944651	CHR3:944651	SSF x LoA	-7,800	-0,130	0,280
CHR3	9446604	CHR3:9446604	SSF x LoA	-8,390	-0,035	0,308
CHR3	9446673	CHR3:9446673	SSF x LoA	-8,959	-0,129	0,271
CHR3	9452453	CHR3:9452453	SSF x LoA	-9,757	-0,027	0,293
CHR3	9455691	CHR3:9455691	SSF x LoA	-8,800	-0,081	0,299
CHR3	9455700	CHR3:9455700	SSF x LoA	-7,991	0,095	0,288
CHR3	9459669	CHR3:9459669	SSF x LoA	-10,549	0,006	0,294
CHR3	9459723	CHR3:9459723	SSF x LoA	-10,536	-0,048	0,297
CHR3	9459729	CHR3:9459729	SSF x LoA	-9,119	0,005	0,304
CHR3	9459742	CHR3:9459742	SSF x LoA	-8,783	-0,011	0,276
CHR3	9467622	CHR3:9467622	SSF x LoA	-9,749	-0,056	0,285
CHR3	9467808	CHR3:9467808	SSF x LoA	-4,924	-0,014	0,283
CHR3	9467831	CHR3:9467831	SSF x LoA	-7,743	0,053	0,284
CHR3	9468056	CHR3:9468056	SSF x LoA	-8,520	0,106	0,289
CHR3	9471867	CHR3:9471867	SSF x LoA	-9,145	-0,076	0,299
CHR3	9471880	CHR3:9471880	SSF x LoA	-8,951	-0,066	0,271
CHR3	9471884	CHR3:9471884	SSF x LoA	-8,844	0,101	0,289
CHR3	9471890	CHR3:9471890	SSF x LoA	-9,021	-0,093	0,297
CHR3	9471926	CHR3:9471926	SSF x LoA	-9,457	0,073	0,287
CHR3	9471934	CHR3:9471934	SSF x LoA	-6,021	0,104	0,267
CHR3	9471942	CHR3:9471942	SSF x LoA	-8,145	0,023	0,295
CHR3	9471953	CHR3:9471953	SSF x LoA	-9,737	0,042	0,288
CHR3	9481121	CHR3:9481121	SSF x LoA	-8,324	-0,148	0,279
CHR3	9490943	CHR3:9490943	SSF x LoA	-7,192	-0,183	0,281
CHR3	9491021	CHR3:9491021	SSF x LoA	-10,581	-0,082	0,283
CHR3	9491029	CHR3:9491029	SSF x LoA	-6,853	0,083	0,292
CHR3	9491031	CHR3:9491031	SSF x LoA	-7,122	0,108	0,293
CHR3	9491039	CHR3:9491039	SSF x LoA	-9,885	-0,066	0,293
CHR3	9491066	CHR3:9491066	SSF x LoA	-11,039	-0,027	0,291
CHR3	9491077	CHR3:9491077	SSF x LoA	-7,750	-0,044	0,295
CHR3	9491080	CHR3:9491080	SSF x LoA	-5,525	-0,065	0,302
CHR3	9508990	CHR3:9508990	SSF x LoA	-8,695	-0,011	0,294
CHR3	9508997	CHR3:9508997	SSF x LoA	-8,891	0,033	0,303
CHR3	9509027	CHR3:9509027	SSF x LoA	-9,079	0,054	0,286
CHR3	9509066	CHR3:9509066	SSF x LoA	-11,032	-0,050	0,290
CHR3	953231	CHR3:953231	SSF x LoA	-8,491	0,065	0,282
CHR3	953237	CHR3:953237	SSF x LoA	-4,567	0,093	0,299
CHR3	9532802	CHR3:9532802	SSF x LoA	-8,093	0,043	0,287
CHR3	9549749	CHR3:9549749	SSF x LoA	-8,246	-0,021	0,288
CHR3	9554197	CHR3:9554197	SSF x LoA	-8,254	0,038	0,269
CHR3	957022	CHR3:957022	SSF x LoA	-11,017	0,062	0,299
CHR3	9571418	CHR3:9571418	SSF x LoA	-2,712	-0,048	0,298
CHR3	9593051	CHR3:9593051	SSF x LoA	-9,871	-0,079	0,286
CHR3	960067	CHR3:960067	SSF x LoA	-6,095	-0,163	0,283

CHR3	960206	CHR3:960206	SSF x LoA	-9,086	-0,046	0,300
CHR3	960270	CHR3:960270	SSF x LoA	-7,579	0,118	0,282
CHR3	960385	CHR3:960385	SSF x LoA	-7,054	0,022	0,275
CHR3	9631277	CHR3:9631277	SSF x LoA	-8,607	0,147	0,274
CHR3	9631347	CHR3:9631347	SSF x LoA	-8,814	0,027	0,296
CHR3	9631397	CHR3:9631397	SSF x LoA	-5,037	-0,242	0,286
CHR3	9631457	CHR3:9631457	SSF x LoA	-8,913	0,016	0,288
CHR3	9631493	CHR3:9631493	SSF x LoA	-9,405	0,047	0,293
CHR3	9639992	CHR3:9639992	SSF x LoA	-8,501	0,004	0,287
CHR3	9640341	CHR3:9640341	SSF x LoA	-8,541	-0,126	0,274
CHR3	9640399	CHR3:9640399	SSF x LoA	-10,455	0,026	0,278
CHR3	9666076	CHR3:9666076	SSF x LoA	-10,577	0,104	0,286
CHR3	9670228	CHR3:9670228	SSF x LoA	-10,094	-0,098	0,286
CHR3	9670473	CHR3:9670473	SSF x LoA	-3,285	-0,166	0,273
CHR3	9670496	CHR3:9670496	SSF x LoA	-6,654	0,099	0,287
CHR3	9679907	CHR3:9679907	SSF x LoA	-7,428	-0,140	0,285
CHR3	9679923	CHR3:9679923	SSF x LoA	-4,438	-0,107	0,295
CHR3	9683532	CHR3:9683532	SSF x LoA	-8,155	0,049	0,293
CHR3	9683534	CHR3:9683534	SSF x LoA	-10,629	-0,030	0,281
CHR3	9689704	CHR3:9689704	SSF x LoA	-9,488	0,045	0,304
CHR3	9689938	CHR3:9689938	SSF x LoA	-10,107	0,134	0,284
CHR3	9699163	CHR3:9699163	SSF x LoA	-8,364	0,021	0,292
CHR3	9699196	CHR3:9699196	SSF x LoA	-8,812	-0,069	0,274
CHR3	9699222	CHR3:9699222	SSF x LoA	-11,273	0,000	0,276
CHR3	9707075	CHR3:9707075	SSF x LoA	-9,768	-0,080	0,292
CHR3	9709196	CHR3:9709196	SSF x LoA	-5,536	-0,180	0,267
CHR3	9709224	CHR3:9709224	SSF x LoA	-10,691	-0,039	0,279
CHR3	9709339	CHR3:9709339	SSF x LoA	-8,062	-0,186	0,273
CHR3	9709350	CHR3:9709350	SSF x LoA	-5,810	-0,170	0,271
CHR3	9709375	CHR3:9709375	SSF x LoA	-7,261	-0,085	0,272
CHR3	9709387	CHR3:9709387	SSF x LoA	-8,033	0,058	0,273
CHR3	9709412	CHR3:9709412	SSF x LoA	-7,029	-0,076	0,288
CHR3	9717527	CHR3:9717527	SSF x LoA	-10,430	0,038	0,281
CHR3	9732646	CHR3:9732646	SSF x LoA	-6,646	0,053	0,291
CHR3	9732675	CHR3:9732675	SSF x LoA	-4,453	-0,212	0,270
CHR3	9732730	CHR3:9732730	SSF x LoA	-10,269	-0,100	0,281
CHR3	9732732	CHR3:9732732	SSF x LoA	-9,813	0,000	0,303
CHR3	9732744	CHR3:9732744	SSF x LoA	-7,169	0,091	0,281
CHR3	9750708	CHR3:9750708	SSF x LoA	-7,927	0,076	0,291
CHR3	9751053	CHR3:9751053	SSF x LoA	-7,333	-0,029	0,272
CHR3	9751054	CHR3:9751054	SSF x LoA	-5,430	0,147	0,292
CHR3	9757914	CHR3:9757914	SSF x LoA	-9,133	0,048	0,289
CHR3	9758110	CHR3:9758110	SSF x LoA	-7,991	0,024	0,296
CHR3	9758118	CHR3:9758118	SSF x LoA	-10,862	-0,005	0,287
CHR3	9758125	CHR3:9758125	SSF x LoA	-9,901	0,013	0,286
CHR3	9758127	CHR3:9758127	SSF x LoA	-10,337	-0,025	0,283
CHR3	9766411	CHR3:9766411	SSF x LoA	-9,066	-0,114	0,278
CHR3	9766556	CHR3:9766556	SSF x LoA	-8,058	-0,128	0,300
CHR3	9766587	CHR3:9766587	SSF x LoA	-1,605	-0,151	0,298
CHR3	9766629	CHR3:9766629	SSF x LoA	-8,192	-0,039	0,275
CHR3	978441	CHR3:978441	SSF x LoA	-10,171	-0,056	0,294
CHR3	9786906	CHR3:9786906	SSF x LoA	-7,670	-0,104	0,287
CHR3	9786908	CHR3:9786908	SSF x LoA	-9,068	-0,051	0,287

CHR3	978708	CHR3:978708	SSF x LoA	-7,823	0,106	0,277
CHR3	9788107	CHR3:9788107	SSF x LoA	-10,967	-0,100	0,279
CHR3	9789950	CHR3:9789950	SSF x LoA	-9,734	0,108	0,275
CHR3	9790010	CHR3:9790010	SSF x LoA	-5,890	-0,199	0,268
CHR3	9794249	CHR3:9794249	SSF x LoA	-8,807	0,051	0,292
CHR3	9794370	CHR3:9794370	SSF x LoA	-7,823	0,115	0,290
CHR3	9794390	CHR3:9794390	SSF x LoA	-7,967	-0,003	0,301
CHR3	9794410	CHR3:9794410	SSF x LoA	-2,984	-0,134	0,269
CHR3	9794412	CHR3:9794412	SSF x LoA	-7,457	-0,096	0,283
CHR3	9796760	CHR3:9796760	SSF x LoA	-10,091	-0,022	0,271
CHR3	9801341	CHR3:9801341	SSF x LoA	-4,194	0,073	0,293
CHR3	9801370	CHR3:9801370	SSF x LoA	-6,671	-0,082	0,286
CHR3	9801472	CHR3:9801472	SSF x LoA	-9,991	-0,074	0,283
CHR3	9802122	CHR3:9802122	SSF x LoA	-7,798	-0,082	0,281
CHR3	9802123	CHR3:9802123	SSF x LoA	-9,150	-0,051	0,284
CHR3	9802155	CHR3:9802155	SSF x LoA	-10,285	-0,051	0,284
CHR3	9802172	CHR3:9802172	SSF x LoA	-5,705	-0,015	0,277
CHR3	9802175	CHR3:9802175	SSF x LoA	7,986	0,009	0,307
CHR3	9813971	CHR3:9813971	SSF x LoA	-8,430	-0,102	0,278
CHR3	9814104	CHR3:9814104	SSF x LoA	-8,072	0,091	0,291
CHR3	9814119	CHR3:9814119	SSF x LoA	-7,144	0,114	0,285
CHR3	9816564	CHR3:9816564	SSF x LoA	-6,555	0,104	0,300
CHR3	982770	CHR3:982770	SSF x LoA	-9,622	-0,058	0,289
CHR3	9830095	CHR3:9830095	SSF x LoA	-8,599	-0,148	0,283
CHR3	983245	CHR3:983245	SSF x LoA	-10,505	-0,074	0,286
CHR3	9840968	CHR3:9840968	SSF x LoA	-8,310	0,035	0,283
CHR3	9841036	CHR3:9841036	SSF x LoA	-6,817	-0,190	0,286
CHR3	9841154	CHR3:9841154	SSF x LoA	-5,882	-0,135	0,280
CHR3	9857092	CHR3:9857092	SSF x LoA	-3,150	0,148	0,285
CHR3	9857194	CHR3:9857194	SSF x LoA	-7,785	0,028	0,297
CHR3	9867345	CHR3:9867345	SSF x LoA	-7,144	-0,033	0,272
CHR3	9867488	CHR3:9867488	SSF x LoA	-8,393	-0,022	0,292
CHR3	9867584	CHR3:9867584	SSF x LoA	-10,418	0,032	0,285
CHR3	987951	CHR3:987951	SSF x LoA	-7,886	0,002	0,294
CHR3	9919435	CHR3:9919435	SSF x LoA	-8,601	0,064	0,292
CHR3	9919512	CHR3:9919512	SSF x LoA	-7,380	0,079	0,279
CHR3	9919524	CHR3:9919524	SSF x LoA	-10,303	0,081	0,294
CHR3	9919527	CHR3:9919527	SSF x LoA	-7,959	0,046	0,285
CHR3	9930794	CHR3:9930794	SSF x LoA	-10,844	0,008	0,294
CHR3	9938241	CHR3:9938241	SSF x LoA	-7,754	-0,046	0,285
CHR3	9942165	CHR3:9942165	SSF x LoA	-6,549	-0,043	0,297
CHR3	9943018	CHR3:9943018	SSF x LoA	-7,590	-0,106	0,291
CHR3	9952967	CHR3:9952967	SSF x LoA	-10,931	0,064	0,281
CHR3	9953023	CHR3:9953023	SSF x LoA	-8,134	-0,053	0,296
CHR3	9953101	CHR3:9953101	SSF x LoA	-10,733	-0,086	0,297
CHR3	9953126	CHR3:9953126	SSF x LoA	-10,235	0,032	0,290
CHR3	9953143	CHR3:9953143	SSF x LoA	-5,077	0,031	0,293
CHR3	9953190	CHR3:9953190	SSF x LoA	-8,128	0,025	0,279
CHR3	9953214	CHR3:9953214	SSF x LoA	-10,485	-0,063	0,283
CHR3	9953226	CHR3:9953226	SSF x LoA	-9,067	-0,017	0,271
CHR3	9953227	CHR3:9953227	SSF x LoA	-8,045	-0,056	0,299
CHR3	9953301	CHR3:9953301	SSF x LoA	-6,074	0,100	0,285
CHR3	9953323	CHR3:9953323	SSF x LoA	-7,639	0,109	0,297

CHR3	9963027	CHR3:9963027	SSF x LoA	-5,976	-0,054	0,287
CHR3	9963144	CHR3:9963144	SSF x LoA	-7,359	-0,034	0,299
CHR3	9963257	CHR3:9963257	SSF x LoA	-8,724	0,032	0,283
CHR3	9976798	CHR3:9976798	SSF x LoA	-10,572	-0,067	0,268
CHR3	9981209	CHR3:9981209	SSF x LoA	-9,278	-0,116	0,286
CHR3	9981396	CHR3:9981396	SSF x LoA	-9,577	-0,037	0,285
CHR3	9981501	CHR3:9981501	SSF x LoA	-8,112	0,017	0,298
CHR3	9981533	CHR3:9981533	SSF x LoA	-6,268	-0,002	0,302
CHR3	9981601	CHR3:9981601	SSF x LoA	-9,739	-0,082	0,289
CHR3	9989486	CHR3:9989486	SSF x LoA	-10,836	-0,040	0,294
CHR3	9989487	CHR3:9989487	SSF x LoA	-5,877	-0,127	0,276
CHR3	9989488	CHR3:9989488	SSF x LoA	-7,451	-0,114	0,287
CHR3	9989497	CHR3:9989497	SSF x LoA	-9,121	-0,081	0,306
CHR4	1E+07	CHR4:10005100	SSF x LoA	-4,487	-0,162	0,286
CHR4	1E+07	CHR4:10005281	SSF x LoA	-6,936	0,160	0,260
CHR4	1E+07	CHR4:10005371	SSF x LoA	-10,180	0,026	0,282
CHR4	1E+07	CHR4:10008184	SSF x LoA	-6,776	-0,043	0,273
CHR4	1E+07	CHR4:10008491	SSF x LoA	-8,501	0,040	0,277
CHR4	1E+07	CHR4:10045845	SSF x LoA	-5,472	-0,071	0,301
CHR4	1E+07	CHR4:10045866	SSF x LoA	-4,933	0,214	0,280
CHR4	1E+07	CHR4:10048622	SSF x LoA	-7,956	-0,043	0,287
CHR4	1E+07	CHR4:10048638	SSF x LoA	-8,869	-0,062	0,278
CHR4	1E+07	CHR4:10048670	SSF x LoA	-10,725	0,045	0,292
CHR4	1E+07	CHR4:10048676	SSF x LoA	-10,573	0,058	0,293
CHR4	1E+07	CHR4:10048870	SSF x LoA	-7,519	-0,121	0,280
CHR4	1E+07	CHR4:10048890	SSF x LoA	-9,600	0,052	0,297
CHR4	1E+07	CHR4:10048953	SSF x LoA	-8,089	0,150	0,293
CHR4	1E+07	CHR4:10051543	SSF x LoA	-8,857	-0,001	0,280
CHR4	1E+07	CHR4:10051593	SSF x LoA	-9,353	-0,025	0,291
CHR4	1E+07	CHR4:10055157	SSF x LoA	-6,922	0,004	0,293
CHR4	1E+07	CHR4:10055269	SSF x LoA	-8,457	0,098	0,293
CHR4	1E+07	CHR4:10055323	SSF x LoA	-11,052	0,008	0,286
CHR4	1E+07	CHR4:10060485	SSF x LoA	-7,048	-0,171	0,274
CHR4	1E+07	CHR4:10060489	SSF x LoA	-6,476	-0,178	0,291
CHR4	1006810	CHR4:1006810	SSF x LoA	-4,822	-0,193	0,283
CHR4	1006825	CHR4:1006825	SSF x LoA	-6,605	-0,204	0,263
CHR4	1006826	CHR4:1006826	SSF x LoA	-5,895	-0,160	0,278
CHR4	1006838	CHR4:1006838	SSF x LoA	-10,377	-0,102	0,296
CHR4	1006887	CHR4:1006887	SSF x LoA	-8,754	-0,040	0,288
CHR4	1006912	CHR4:1006912	SSF x LoA	-9,725	-0,060	0,278
CHR4	1E+07	CHR4:10079296	SSF x LoA	-8,269	-0,108	0,293
CHR4	1E+07	CHR4:10079336	SSF x LoA	-9,495	-0,063	0,290
CHR4	1E+07	CHR4:10079339	SSF x LoA	-7,473	0,180	0,280
CHR4	1E+07	CHR4:10079350	SSF x LoA	-10,451	-0,050	0,293
CHR4	1E+07	CHR4:10079455	SSF x LoA	-7,946	-0,032	0,280
CHR4	1E+07	CHR4:10082403	SSF x LoA	-4,011	0,205	0,273
CHR4	1E+07	CHR4:10082404	SSF x LoA	-6,392	-0,082	0,301
CHR4	1E+07	CHR4:10082412	SSF x LoA	-7,438	0,023	0,294
CHR4	1E+07	CHR4:10082433	SSF x LoA	-8,683	0,079	0,282
CHR4	1E+07	CHR4:10082623	SSF x LoA	-7,003	-0,088	0,300
CHR4	1E+07	CHR4:10085715	SSF x LoA	-5,500	0,052	0,292
CHR4	1E+07	CHR4:10085741	SSF x LoA	-8,025	0,065	0,291
CHR4	1E+07	CHR4:10095122	SSF x LoA	-9,311	0,015	0,285

CHR4	1E+07	CHR4:10096907	SSF x LoA	-8,362	-0,063	0,281
CHR4	1E+07	CHR4:10097025	SSF x LoA	-9,301	-0,073	0,291
CHR4	1E+07	CHR4:10098441	SSF x LoA	-10,338	-0,057	0,301
CHR4	1E+07	CHR4:10098510	SSF x LoA	-8,693	0,056	0,285
CHR4	1E+07	CHR4:10098556	SSF x LoA	-8,133	0,004	0,289
CHR4	1E+07	CHR4:10114875	SSF x LoA	-9,937	0,000	0,301
CHR4	1E+07	CHR4:10118714	SSF x LoA	-8,478	0,193	0,289
CHR4	1E+07	CHR4:10118867	SSF x LoA	-9,770	-0,082	0,289
CHR4	1E+07	CHR4:10118917	SSF x LoA	-9,073	-0,043	0,290
CHR4	1E+07	CHR4:10118927	SSF x LoA	-10,013	0,027	0,292
CHR4	1E+07	CHR4:10124277	SSF x LoA	-6,216	-0,146	0,276
CHR4	1E+07	CHR4:10124382	SSF x LoA	-4,771	-0,100	0,288
CHR4	1E+07	CHR4:10124421	SSF x LoA	-5,160	0,127	0,281
CHR4	1E+07	CHR4:10131478	SSF x LoA	-10,953	0,025	0,293
CHR4	1E+07	CHR4:10131487	SSF x LoA	-8,139	-0,066	0,288
CHR4	1E+07	CHR4:10131503	SSF x LoA	-8,318	0,011	0,292
CHR4	1E+07	CHR4:10131541	SSF x LoA	-7,393	-0,093	0,285
CHR4	1E+07	CHR4:10131546	SSF x LoA	-7,696	-0,087	0,285
CHR4	1E+07	CHR4:10131584	SSF x LoA	-5,909	0,196	0,263
CHR4	1016335	CHR4:1016335	SSF x LoA	-10,441	0,096	0,281
CHR4	1016729	CHR4:1016729	SSF x LoA	-8,411	-0,098	0,288
CHR4	1E+07	CHR4:10180003	SSF x LoA	-5,921	0,143	0,275
CHR4	1E+07	CHR4:10180058	SSF x LoA	-7,262	-0,180	0,280
CHR4	1E+07	CHR4:10180097	SSF x LoA	-9,053	0,061	0,290
CHR4	1E+07	CHR4:10180142	SSF x LoA	-9,233	0,093	0,279
CHR4	1E+07	CHR4:10200754	SSF x LoA	-7,430	-0,026	0,300
CHR4	1E+07	CHR4:10202247	SSF x LoA	23,401	-0,041	0,286
CHR4	1E+07	CHR4:10202374	SSF x LoA	-7,442	0,096	0,287
CHR4	1E+07	CHR4:10246911	SSF x LoA	-8,722	0,091	0,290
CHR4	1E+07	CHR4:10248763	SSF x LoA	-8,190	0,056	0,298
CHR4	1E+07	CHR4:10248856	SSF x LoA	-10,800	0,064	0,292
CHR4	1E+07	CHR4:10256325	SSF x LoA	-11,244	-0,007	0,292
CHR4	1028720	CHR4:1028720	SSF x LoA	-10,224	0,018	0,292
CHR4	1E+07	CHR4:10289051	SSF x LoA	-10,376	-0,016	0,286
CHR4	1E+07	CHR4:10289443	SSF x LoA	-8,745	0,088	0,279
CHR4	1E+07	CHR4:10289499	SSF x LoA	-7,986	0,026	0,296
CHR4	1029033	CHR4:1029033	SSF x LoA	-9,377	-0,080	0,288
CHR4	1E+07	CHR4:10300837	SSF x LoA	-8,309	-0,052	0,292
CHR4	1E+07	CHR4:10341294	SSF x LoA	-10,064	0,049	0,291
CHR4	1E+07	CHR4:10341331	SSF x LoA	-7,444	-0,036	0,279
CHR4	1E+07	CHR4:10341344	SSF x LoA	-8,353	-0,104	0,275
CHR4	1E+07	CHR4:10344184	SSF x LoA	-11,107	0,008	0,279
CHR4	1E+07	CHR4:10344469	SSF x LoA	-9,882	0,012	0,287
CHR4	1E+07	CHR4:10348436	SSF x LoA	-9,138	-0,072	0,300
CHR4	1E+07	CHR4:10348437	SSF x LoA	0,767	0,154	0,288
CHR4	1E+07	CHR4:10348454	SSF x LoA	-7,971	0,139	0,299
CHR4	1E+07	CHR4:10348510	SSF x LoA	-8,224	-0,093	0,285
CHR4	1E+07	CHR4:10348716	SSF x LoA	-8,276	-0,062	0,295
CHR4	1E+07	CHR4:10348752	SSF x LoA	-10,040	-0,009	0,287
CHR4	1E+07	CHR4:10348778	SSF x LoA	-8,221	0,006	0,303
CHR4	1E+07	CHR4:10348784	SSF x LoA	-9,375	0,003	0,303
CHR4	1035198	CHR4:1035198	SSF x LoA	-1,217	0,146	0,277
CHR4	1035269	CHR4:1035269	SSF x LoA	-8,470	-0,103	0,287

CHR4	1E+07	CHR4:10355543	SSF x LoA	-0,712	0,185	0,267
CHR4	1E+07	CHR4:10370234	SSF x LoA	-10,759	-0,053	0,295
CHR4	1E+07	CHR4:10371114	SSF x LoA	-9,540	-0,018	0,302
CHR4	1E+07	CHR4:10371165	SSF x LoA	-4,264	0,073	0,284
CHR4	1E+07	CHR4:10372428	SSF x LoA	-10,099	0,011	0,307
CHR4	1E+07	CHR4:10372472	SSF x LoA	-8,890	0,065	0,273
CHR4	1E+07	CHR4:10372499	SSF x LoA	-9,650	0,032	0,303
CHR4	1E+07	CHR4:10372531	SSF x LoA	-8,864	-0,039	0,292
CHR4	1E+07	CHR4:10375535	SSF x LoA	-8,082	0,022	0,289
CHR4	1E+07	CHR4:10375572	SSF x LoA	-5,054	0,029	0,292
CHR4	1E+07	CHR4:10375638	SSF x LoA	-8,625	-0,052	0,288
CHR4	1E+07	CHR4:10375686	SSF x LoA	-11,365	0,050	0,272
CHR4	1E+07	CHR4:10386931	SSF x LoA	-10,721	-0,047	0,286
CHR4	1E+07	CHR4:10388614	SSF x LoA	-3,514	0,198	0,284
CHR4	1E+07	CHR4:10388643	SSF x LoA	-8,112	-0,089	0,291
CHR4	1E+07	CHR4:10388697	SSF x LoA	-4,519	-0,181	0,268
CHR4	1E+07	CHR4:10388862	SSF x LoA	-9,086	-0,009	0,295
CHR4	1E+07	CHR4:10391936	SSF x LoA	-10,537	-0,028	0,282
CHR4	1E+07	CHR4:10392035	SSF x LoA	-9,789	-0,011	0,281
CHR4	1E+07	CHR4:10395564	SSF x LoA	-3,012	-0,048	0,291
CHR4	1E+07	CHR4:10395730	SSF x LoA	-6,087	0,180	0,282
CHR4	1E+07	CHR4:10395774	SSF x LoA	-9,351	0,012	0,280
CHR4	1E+07	CHR4:10395808	SSF x LoA	-9,036	0,120	0,286
CHR4	1E+07	CHR4:10418669	SSF x LoA	-9,214	0,117	0,268
CHR4	1E+07	CHR4:10418779	SSF x LoA	-6,927	0,156	0,302
CHR4	1E+07	CHR4:10418822	SSF x LoA	-8,143	-0,025	0,298
CHR4	1E+07	CHR4:10418867	SSF x LoA	-7,043	0,078	0,302
CHR4	1E+07	CHR4:10418886	SSF x LoA	-6,673	0,130	0,291
CHR4	1E+07	CHR4:10418908	SSF x LoA	-10,617	0,009	0,283
CHR4	1E+07	CHR4:10418975	SSF x LoA	-8,412	0,043	0,288
CHR4	1E+07	CHR4:10420049	SSF x LoA	-7,308	-0,144	0,277
CHR4	1E+07	CHR4:10420111	SSF x LoA	-6,420	-0,075	0,295
CHR4	1E+07	CHR4:10422435	SSF x LoA	-9,611	0,113	0,292
CHR4	1E+07	CHR4:10422454	SSF x LoA	-9,544	-0,039	0,294
CHR4	1E+07	CHR4:10422671	SSF x LoA	-9,097	-0,025	0,283
CHR4	1043508	CHR4:1043508	SSF x LoA	-9,419	0,006	0,282
CHR4	1043547	CHR4:1043547	SSF x LoA	-10,538	-0,066	0,297
CHR4	1043588	CHR4:1043588	SSF x LoA	-10,662	-0,070	0,293
CHR4	104448	CHR4:104448	SSF x LoA	-3,708	-0,060	0,297
CHR4	1E+07	CHR4:10462184	SSF x LoA	-11,398	0,021	0,284
CHR4	1E+07	CHR4:10462352	SSF x LoA	-7,327	0,162	0,283
CHR4	1E+07	CHR4:10462442	SSF x LoA	-10,285	0,066	0,286
CHR4	10519530	CHR4:10519530	SSF x LoA	-9,561	0,060	0,280
CHR4	10519543	CHR4:10519543	SSF x LoA	0,813	-0,175	0,300
CHR4	10519612	CHR4:10519612	SSF x LoA	-8,403	-0,020	0,295
CHR4	10563236	CHR4:10563236	SSF x LoA	-9,261	-0,013	0,297
CHR4	10563255	CHR4:10563255	SSF x LoA	-8,285	0,017	0,302
CHR4	10563261	CHR4:10563261	SSF x LoA	-9,518	0,012	0,307
CHR4	10570414	CHR4:10570414	SSF x LoA	2,086	-0,172	0,286
CHR4	10570432	CHR4:10570432	SSF x LoA	-10,746	0,015	0,289
CHR4	10572007	CHR4:10572007	SSF x LoA	-7,701	-0,137	0,285
CHR4	10576915	CHR4:10576915	SSF x LoA	-8,926	-0,031	0,287
CHR4	10577055	CHR4:10577055	SSF x LoA	-11,849	0,025	0,287

CHR4	10577122	CHR4:10577122	SSF x LoA	-8,981	-0,009	0,292
CHR4	10578754	CHR4:10578754	SSF x LoA	-2,049	-0,063	0,280
CHR4	10578809	CHR4:10578809	SSF x LoA	-7,384	-0,185	0,277
CHR4	10578814	CHR4:10578814	SSF x LoA	-8,059	-0,040	0,313
CHR4	1059361	CHR4:1059361	SSF x LoA	-11,401	0,013	0,288
CHR4	1059578	CHR4:1059578	SSF x LoA	-6,609	-0,111	0,294
CHR4	10608006	CHR4:10608006	SSF x LoA	-10,505	0,008	0,285
CHR4	10623263	CHR4:10623263	SSF x LoA	-7,106	0,091	0,280
CHR4	10651089	CHR4:10651089	SSF x LoA	-6,857	0,035	0,301
CHR4	10651149	CHR4:10651149	SSF x LoA	4,463	-0,052	0,271
CHR4	10654315	CHR4:10654315	SSF x LoA	-10,438	-0,018	0,297
CHR4	10654324	CHR4:10654324	SSF x LoA	-9,696	0,022	0,293
CHR4	10677362	CHR4:10677362	SSF x LoA	-9,826	-0,101	0,287
CHR4	10677388	CHR4:10677388	SSF x LoA	-10,627	0,072	0,280
CHR4	10677438	CHR4:10677438	SSF x LoA	-10,391	0,048	0,280
CHR4	10677447	CHR4:10677447	SSF x LoA	-7,733	-0,076	0,291
CHR4	10677458	CHR4:10677458	SSF x LoA	-7,172	-0,113	0,293
CHR4	1070940	CHR4:1070940	SSF x LoA	-9,473	-0,052	0,293
CHR4	1070963	CHR4:1070963	SSF x LoA	-8,832	0,035	0,298
CHR4	10710559	CHR4:10710559	SSF x LoA	-9,439	-0,043	0,289
CHR4	10710624	CHR4:10710624	SSF x LoA	-5,858	0,159	0,273
CHR4	10710670	CHR4:10710670	SSF x LoA	-9,551	0,109	0,286
CHR4	10710674	CHR4:10710674	SSF x LoA	-9,554	0,090	0,303
CHR4	10710809	CHR4:10710809	SSF x LoA	-9,950	0,061	0,276
CHR4	10718859	CHR4:10718859	SSF x LoA	-9,669	0,037	0,283
CHR4	10718906	CHR4:10718906	SSF x LoA	-9,049	0,041	0,293
CHR4	10730749	CHR4:10730749	SSF x LoA	-10,082	0,037	0,292
CHR4	10756736	CHR4:10756736	SSF x LoA	-11,261	-0,018	0,289
CHR4	10756762	CHR4:10756762	SSF x LoA	-8,488	0,102	0,273
CHR4	10756893	CHR4:10756893	SSF x LoA	-5,742	0,074	0,289
CHR4	10756895	CHR4:10756895	SSF x LoA	-7,565	0,041	0,282
CHR4	10756934	CHR4:10756934	SSF x LoA	-11,088	0,022	0,287
CHR4	10757055	CHR4:10757055	SSF x LoA	-7,984	0,067	0,298
CHR4	10772751	CHR4:10772751	SSF x LoA	-10,775	-0,022	0,298
CHR4	10773928	CHR4:10773928	SSF x LoA	-7,402	0,015	0,289
CHR4	10773929	CHR4:10773929	SSF x LoA	-8,201	0,026	0,286
CHR4	10773936	CHR4:10773936	SSF x LoA	-4,735	0,033	0,287
CHR4	10839435	CHR4:10839435	SSF x LoA	-9,009	-0,074	0,292
CHR4	10839504	CHR4:10839504	SSF x LoA	-7,545	0,078	0,306
CHR4	10839511	CHR4:10839511	SSF x LoA	-9,345	-0,016	0,296
CHR4	10839521	CHR4:10839521	SSF x LoA	-8,704	-0,071	0,290
CHR4	10839525	CHR4:10839525	SSF x LoA	-8,748	0,001	0,311
CHR4	10839592	CHR4:10839592	SSF x LoA	-10,431	-0,125	0,280
CHR4	10846353	CHR4:10846353	SSF x LoA	-9,250	0,051	0,275
CHR4	10846489	CHR4:10846489	SSF x LoA	-10,019	0,091	0,266
CHR4	10846546	CHR4:10846546	SSF x LoA	-8,425	0,085	0,273
CHR4	10846944	CHR4:10846944	SSF x LoA	-8,751	0,019	0,293
CHR4	10846945	CHR4:10846945	SSF x LoA	-9,000	0,003	0,275
CHR4	10846946	CHR4:10846946	SSF x LoA	-8,842	-0,004	0,283
CHR4	10846947	CHR4:10846947	SSF x LoA	-9,293	0,074	0,278
CHR4	10846989	CHR4:10846989	SSF x LoA	0,164	0,019	0,293
CHR4	10846995	CHR4:10846995	SSF x LoA	-6,725	0,025	0,285
CHR4	10855284	CHR4:10855284	SSF x LoA	-9,342	-0,039	0,278

CHR4	10855300	CHR4:10855300	SSF x LoA	-0,256	0,102	0,276
CHR4	10861656	CHR4:10861656	SSF x LoA	-8,015	-0,072	0,274
CHR4	10861680	CHR4:10861680	SSF x LoA	-9,392	-0,127	0,285
CHR4	10861713	CHR4:10861713	SSF x LoA	-10,140	-0,013	0,288
CHR4	10861714	CHR4:10861714	SSF x LoA	-9,175	-0,094	0,282
CHR4	10861721	CHR4:10861721	SSF x LoA	-9,376	-0,074	0,285
CHR4	10864588	CHR4:10864588	SSF x LoA	0,994	-0,008	0,290
CHR4	10868504	CHR4:10868504	SSF x LoA	-8,479	0,006	0,288
CHR4	10868522	CHR4:10868522	SSF x LoA	-9,077	-0,088	0,287
CHR4	10868587	CHR4:10868587	SSF x LoA	-7,913	-0,067	0,283
CHR4	10868603	CHR4:10868603	SSF x LoA	-9,631	-0,053	0,281
CHR4	10868691	CHR4:10868691	SSF x LoA	-7,587	0,003	0,302
CHR4	10868702	CHR4:10868702	SSF x LoA	-9,565	-0,043	0,305
CHR4	10868719	CHR4:10868719	SSF x LoA	-4,132	-0,165	0,281
CHR4	10878454	CHR4:10878454	SSF x LoA	-8,982	-0,030	0,285
CHR4	10878550	CHR4:10878550	SSF x LoA	-9,428	-0,002	0,276
CHR4	10882537	CHR4:10882537	SSF x LoA	-10,843	0,000	0,289
CHR4	10884943	CHR4:10884943	SSF x LoA	-7,929	-0,011	0,299
CHR4	10884971	CHR4:10884971	SSF x LoA	-6,698	-0,110	0,296
CHR4	10890786	CHR4:10890786	SSF x LoA	-7,961	0,082	0,286
CHR4	10916871	CHR4:10916871	SSF x LoA	-7,396	-0,079	0,296
CHR4	10917060	CHR4:10917060	SSF x LoA	-9,474	0,063	0,280
CHR4	10917126	CHR4:10917126	SSF x LoA	-10,516	-0,035	0,288
CHR4	10922564	CHR4:10922564	SSF x LoA	-7,100	-0,097	0,295
CHR4	10957398	CHR4:10957398	SSF x LoA	-7,819	0,121	0,294
CHR4	10957637	CHR4:10957637	SSF x LoA	-4,052	0,174	0,290
CHR4	10958527	CHR4:10958527	SSF x LoA	-5,735	0,059	0,292
CHR4	10958549	CHR4:10958549	SSF x LoA	-10,814	0,005	0,279
CHR4	10958555	CHR4:10958555	SSF x LoA	-8,022	0,104	0,293
CHR4	10958659	CHR4:10958659	SSF x LoA	-9,932	0,033	0,286
CHR4	10958686	CHR4:10958686	SSF x LoA	-9,948	0,073	0,289
CHR4	10964462	CHR4:10964462	SSF x LoA	-10,452	-0,110	0,281
CHR4	10964567	CHR4:10964567	SSF x LoA	-8,230	-0,082	0,284
CHR4	10972782	CHR4:10972782	SSF x LoA	-9,388	-0,002	0,280
CHR4	10972855	CHR4:10972855	SSF x LoA	-8,968	0,089	0,292
CHR4	10972857	CHR4:10972857	SSF x LoA	-7,972	-0,088	0,288
CHR4	10972861	CHR4:10972861	SSF x LoA	-8,149	-0,063	0,294
CHR4	10972862	CHR4:10972862	SSF x LoA	-6,116	-0,061	0,286
CHR4	10972887	CHR4:10972887	SSF x LoA	-7,995	0,067	0,287
CHR4	10972901	CHR4:10972901	SSF x LoA	-8,326	-0,096	0,283
CHR4	10979903	CHR4:10979903	SSF x LoA	-7,898	-0,092	0,278
CHR4	10984831	CHR4:10984831	SSF x LoA	-10,220	0,010	0,291
CHR4	10990476	CHR4:10990476	SSF x LoA	-8,844	-0,124	0,291
CHR4	10990508	CHR4:10990508	SSF x LoA	-10,239	0,011	0,288
CHR4	10990541	CHR4:10990541	SSF x LoA	-6,479	-0,058	0,293
CHR4	10990566	CHR4:10990566	SSF x LoA	-7,346	-0,086	0,293
CHR4	10990733	CHR4:10990733	SSF x LoA	-7,502	-0,126	0,297
CHR4	10990744	CHR4:10990744	SSF x LoA	-6,870	0,129	0,299
CHR4	10990801	CHR4:10990801	SSF x LoA	-9,660	0,011	0,277
CHR4	11007360	CHR4:11007360	SSF x LoA	-4,741	-0,145	0,298
CHR4	11017792	CHR4:11017792	SSF x LoA	-10,647	-0,056	0,296
CHR4	11017805	CHR4:11017805	SSF x LoA	-9,669	-0,042	0,300
CHR4	11017922	CHR4:11017922	SSF x LoA	-8,471	0,051	0,295

CHR4	11035050	CHR4:11035050	SSF x LoA	-9,212	0,046	0,292
CHR4	11035130	CHR4:11035130	SSF x LoA	-8,989	-0,128	0,280
CHR4	11035220	CHR4:11035220	SSF x LoA	-10,191	0,046	0,301
CHR4	11035249	CHR4:11035249	SSF x LoA	-7,988	0,074	0,296
CHR4	1104204	CHR4:1104204	SSF x LoA	-9,694	0,000	0,279
CHR4	11045813	CHR4:11045813	SSF x LoA	-7,304	0,115	0,278
CHR4	1106797	CHR4:1106797	SSF x LoA	-8,910	0,035	0,291
CHR4	11070847	CHR4:11070847	SSF x LoA	-10,319	0,022	0,279
CHR4	11084430	CHR4:11084430	SSF x LoA	-5,521	0,087	0,303
CHR4	11084504	CHR4:11084504	SSF x LoA	-7,756	-0,094	0,276
CHR4	11091513	CHR4:11091513	SSF x LoA	-5,865	0,154	0,285
CHR4	11091796	CHR4:11091796	SSF x LoA	-1,961	0,116	0,295
CHR4	11103630	CHR4:11103630	SSF x LoA	-9,479	0,055	0,284
CHR4	11103641	CHR4:11103641	SSF x LoA	-8,693	-0,091	0,271
CHR4	11103643	CHR4:11103643	SSF x LoA	-7,646	0,123	0,278
CHR4	11103785	CHR4:11103785	SSF x LoA	-4,794	0,135	0,299
CHR4	11103814	CHR4:11103814	SSF x LoA	-7,345	-0,157	0,296
CHR4	11126542	CHR4:11126542	SSF x LoA	-10,757	0,060	0,284
CHR4	11126556	CHR4:11126556	SSF x LoA	-7,936	0,085	0,267
CHR4	11126661	CHR4:11126661	SSF x LoA	-8,758	-0,078	0,287
CHR4	11146649	CHR4:11146649	SSF x LoA	-6,355	-0,054	0,287
CHR4	11165215	CHR4:11165215	SSF x LoA	-3,720	0,222	0,280
CHR4	11222796	CHR4:11222796	SSF x LoA	-7,662	-0,086	0,292
CHR4	11222908	CHR4:11222908	SSF x LoA	-8,080	0,040	0,302
CHR4	11246241	CHR4:11246241	SSF x LoA	-6,878	-0,174	0,280
CHR4	11246280	CHR4:11246280	SSF x LoA	-9,916	-0,084	0,287
CHR4	11248568	CHR4:11248568	SSF x LoA	-7,943	-0,095	0,300
CHR4	1125061	CHR4:1125061	SSF x LoA	-7,239	-0,113	0,291
CHR4	1125080	CHR4:1125080	SSF x LoA	6,445	-0,150	0,280
CHR4	1125086	CHR4:1125086	SSF x LoA	-7,592	-0,149	0,297
CHR4	11263484	CHR4:11263484	SSF x LoA	-8,000	0,162	0,288
CHR4	11263548	CHR4:11263548	SSF x LoA	-10,445	0,020	0,279
CHR4	1126439	CHR4:1126439	SSF x LoA	-10,026	0,042	0,286
CHR4	11273422	CHR4:11273422	SSF x LoA	-9,003	-0,084	0,281
CHR4	11281642	CHR4:11281642	SSF x LoA	-8,973	-0,022	0,284
CHR4	11281771	CHR4:11281771	SSF x LoA	-9,152	-0,004	0,290
CHR4	11288323	CHR4:11288323	SSF x LoA	-8,589	0,087	0,291
CHR4	1130406	CHR4:1130406	SSF x LoA	-11,647	-0,022	0,278
CHR4	1130447	CHR4:1130447	SSF x LoA	-9,010	-0,035	0,284
CHR4	11308176	CHR4:11308176	SSF x LoA	-6,287	0,160	0,282
CHR4	11308276	CHR4:11308276	SSF x LoA	-8,225	-0,024	0,295
CHR4	11308361	CHR4:11308361	SSF x LoA	-7,801	0,175	0,281
CHR4	1131624	CHR4:1131624	SSF x LoA	-7,318	-0,125	0,284
CHR4	1131689	CHR4:1131689	SSF x LoA	-7,040	0,091	0,295
CHR4	1131732	CHR4:1131732	SSF x LoA	-8,292	0,023	0,290
CHR4	11361646	CHR4:11361646	SSF x LoA	-3,132	-0,057	0,303
CHR4	11361721	CHR4:11361721	SSF x LoA	-10,894	0,075	0,278
CHR4	11361794	CHR4:11361794	SSF x LoA	-10,829	-0,024	0,299
CHR4	11361796	CHR4:11361796	SSF x LoA	-6,928	-0,020	0,306
CHR4	11366914	CHR4:11366914	SSF x LoA	-7,589	-0,077	0,276
CHR4	11367159	CHR4:11367159	SSF x LoA	-7,925	0,160	0,276
CHR4	11371535	CHR4:11371535	SSF x LoA	-10,926	-0,115	0,279
CHR4	11371563	CHR4:11371563	SSF x LoA	-8,942	0,083	0,288

CHR4	11377713	CHR4:11377713	SSF x LoA	-9,976	-0,030	0,284
CHR4	11377738	CHR4:11377738	SSF x LoA	-9,145	0,098	0,291
CHR4	11377784	CHR4:11377784	SSF x LoA	-10,435	-0,128	0,280
CHR4	11381955	CHR4:11381955	SSF x LoA	-8,491	0,142	0,276
CHR4	11410822	CHR4:11410822	SSF x LoA	-11,558	-0,027	0,289
CHR4	11410827	CHR4:11410827	SSF x LoA	-8,724	0,014	0,299
CHR4	11425236	CHR4:11425236	SSF x LoA	-9,848	-0,013	0,287
CHR4	11425390	CHR4:11425390	SSF x LoA	-7,715	-0,025	0,285
CHR4	11438617	CHR4:11438617	SSF x LoA	-9,620	0,047	0,292
CHR4	11439481	CHR4:11439481	SSF x LoA	-2,134	0,224	0,273
CHR4	11439607	CHR4:11439607	SSF x LoA	-6,818	0,049	0,291
CHR4	11439622	CHR4:11439622	SSF x LoA	-7,100	0,135	0,282
CHR4	11439688	CHR4:11439688	SSF x LoA	-9,477	-0,019	0,280
CHR4	11456535	CHR4:11456535	SSF x LoA	-8,043	-0,110	0,286
CHR4	11456582	CHR4:11456582	SSF x LoA	-9,561	-0,107	0,298
CHR4	11456637	CHR4:11456637	SSF x LoA	-7,951	0,143	0,292
CHR4	11464944	CHR4:11464944	SSF x LoA	4,295	0,109	0,303
CHR4	11464994	CHR4:11464994	SSF x LoA	-9,599	-0,004	0,296
CHR4	11465028	CHR4:11465028	SSF x LoA	-10,724	0,113	0,282
CHR4	11465133	CHR4:11465133	SSF x LoA	-7,496	0,046	0,288
CHR4	1146748	CHR4:1146748	SSF x LoA	-6,977	0,079	0,303
CHR4	1146871	CHR4:1146871	SSF x LoA	-8,556	0,011	0,287
CHR4	1146895	CHR4:1146895	SSF x LoA	-7,561	-0,114	0,288
CHR4	11481719	CHR4:11481719	SSF x LoA	-10,319	-0,115	0,292
CHR4	11481784	CHR4:11481784	SSF x LoA	-6,414	0,187	0,273
CHR4	11481828	CHR4:11481828	SSF x LoA	-7,956	0,046	0,271
CHR4	1148505	CHR4:1148505	SSF x LoA	-9,890	-0,007	0,301
CHR4	11490269	CHR4:11490269	SSF x LoA	-6,096	-0,171	0,290
CHR4	11490315	CHR4:11490315	SSF x LoA	-6,927	-0,128	0,301
CHR4	11490394	CHR4:11490394	SSF x LoA	-7,616	-0,026	0,284
CHR4	11495317	CHR4:11495317	SSF x LoA	-6,747	-0,126	0,288
CHR4	11510863	CHR4:11510863	SSF x LoA	-6,759	-0,127	0,288
CHR4	11524134	CHR4:11524134	SSF x LoA	-11,095	0,073	0,287
CHR4	11524175	CHR4:11524175	SSF x LoA	-9,470	0,049	0,282
CHR4	11524192	CHR4:11524192	SSF x LoA	-8,654	-0,004	0,300
CHR4	11524227	CHR4:11524227	SSF x LoA	-11,994	-0,011	0,288
CHR4	11524425	CHR4:11524425	SSF x LoA	-8,266	-0,037	0,285
CHR4	11546182	CHR4:11546182	SSF x LoA	-5,774	0,098	0,277
CHR4	11546256	CHR4:11546256	SSF x LoA	-8,886	0,004	0,290
CHR4	11564922	CHR4:11564922	SSF x LoA	-8,465	-0,109	0,303
CHR4	11565014	CHR4:11565014	SSF x LoA	-7,475	0,116	0,284
CHR4	11565022	CHR4:11565022	SSF x LoA	-8,527	0,093	0,286
CHR4	11578008	CHR4:11578008	SSF x LoA	-9,350	-0,136	0,286
CHR4	11578166	CHR4:11578166	SSF x LoA	-9,343	-0,134	0,286
CHR4	11587080	CHR4:11587080	SSF x LoA	-6,031	-0,173	0,272
CHR4	11587167	CHR4:11587167	SSF x LoA	-8,210	-0,035	0,305
CHR4	11587274	CHR4:11587274	SSF x LoA	-7,742	-0,057	0,314
CHR4	11588256	CHR4:11588256	SSF x LoA	-10,570	0,014	0,293
CHR4	11598981	CHR4:11598981	SSF x LoA	-7,475	0,081	0,263
CHR4	11598983	CHR4:11598983	SSF x LoA	-8,421	0,031	0,275
CHR4	11606460	CHR4:11606460	SSF x LoA	-10,733	0,000	0,283
CHR4	11606555	CHR4:11606555	SSF x LoA	-9,957	0,086	0,278
CHR4	11606569	CHR4:11606569	SSF x LoA	-7,249	0,084	0,286

CHR4	11606612	CHR4:11606612	SSF x LoA	-3,489	-0,196	0,291
CHR4	11622891	CHR4:11622891	SSF x LoA	-5,904	-0,007	0,297
CHR4	11622898	CHR4:11622898	SSF x LoA	-9,285	-0,021	0,296
CHR4	11625496	CHR4:11625496	SSF x LoA	-10,223	0,018	0,290
CHR4	11625506	CHR4:11625506	SSF x LoA	-7,154	-0,032	0,294
CHR4	11625520	CHR4:11625520	SSF x LoA	-8,341	-0,050	0,286
CHR4	11625621	CHR4:11625621	SSF x LoA	-6,492	-0,095	0,301
CHR4	11625700	CHR4:11625700	SSF x LoA	-10,980	-0,002	0,284
CHR4	11645292	CHR4:11645292	SSF x LoA	-9,841	0,006	0,279
CHR4	11702548	CHR4:11702548	SSF x LoA	-10,462	-0,103	0,297
CHR4	11702705	CHR4:11702705	SSF x LoA	-7,471	0,030	0,277
CHR4	11702715	CHR4:11702715	SSF x LoA	-8,628	-0,057	0,290
CHR4	11702743	CHR4:11702743	SSF x LoA	-9,851	0,025	0,290
CHR4	11702745	CHR4:11702745	SSF x LoA	-8,057	0,002	0,298
CHR4	11702767	CHR4:11702767	SSF x LoA	-6,506	-0,163	0,270
CHR4	11724905	CHR4:11724905	SSF x LoA	-4,974	0,066	0,273
CHR4	11729788	CHR4:11729788	SSF x LoA	-7,323	0,151	0,300
CHR4	11729818	CHR4:11729818	SSF x LoA	-8,876	-0,008	0,277
CHR4	11734133	CHR4:11734133	SSF x LoA	-9,206	0,053	0,291
CHR4	11734165	CHR4:11734165	SSF x LoA	-7,757	-0,181	0,274
CHR4	11735407	CHR4:11735407	SSF x LoA	-8,713	-0,132	0,290
CHR4	11735409	CHR4:11735409	SSF x LoA	-10,036	-0,046	0,288
CHR4	11735436	CHR4:11735436	SSF x LoA	-10,609	0,030	0,294
CHR4	11739734	CHR4:11739734	SSF x LoA	-7,132	-0,048	0,295
CHR4	11739737	CHR4:11739737	SSF x LoA	-9,033	0,105	0,289
CHR4	11739777	CHR4:11739777	SSF x LoA	-2,836	-0,005	0,290
CHR4	11741583	CHR4:11741583	SSF x LoA	-11,289	-0,054	0,296
CHR4	11741600	CHR4:11741600	SSF x LoA	-10,357	0,039	0,294
CHR4	11741650	CHR4:11741650	SSF x LoA	-9,046	-0,175	0,294
CHR4	11791369	CHR4:11791369	SSF x LoA	-10,774	0,073	0,282
CHR4	11791423	CHR4:11791423	SSF x LoA	-9,385	-0,037	0,293
CHR4	11791441	CHR4:11791441	SSF x LoA	-10,538	-0,034	0,276
CHR4	11800578	CHR4:11800578	SSF x LoA	-6,278	0,099	0,300
CHR4	11800723	CHR4:11800723	SSF x LoA	-9,218	-0,063	0,290
CHR4	11800793	CHR4:11800793	SSF x LoA	-6,754	0,090	0,283
CHR4	11815390	CHR4:11815390	SSF x LoA	-5,210	0,085	0,293
CHR4	11815394	CHR4:11815394	SSF x LoA	-8,909	0,092	0,271
CHR4	11815476	CHR4:11815476	SSF x LoA	-6,824	0,025	0,311
CHR4	11817307	CHR4:11817307	SSF x LoA	-8,863	0,040	0,293
CHR4	11819421	CHR4:11819421	SSF x LoA	-8,401	-0,002	0,290
CHR4	11819458	CHR4:11819458	SSF x LoA	-8,242	-0,038	0,286
CHR4	11830466	CHR4:11830466	SSF x LoA	-7,515	-0,071	0,306
CHR4	11830477	CHR4:11830477	SSF x LoA	-3,397	-0,104	0,311
CHR4	11830526	CHR4:11830526	SSF x LoA	-9,645	0,006	0,290
CHR4	11830598	CHR4:11830598	SSF x LoA	-9,182	0,067	0,283
CHR4	11830605	CHR4:11830605	SSF x LoA	-9,929	0,091	0,289
CHR4	11830649	CHR4:11830649	SSF x LoA	-9,711	0,130	0,293
CHR4	11830691	CHR4:11830691	SSF x LoA	-8,241	-0,008	0,291
CHR4	11830717	CHR4:11830717	SSF x LoA	-7,772	0,063	0,303
CHR4	11837901	CHR4:11837901	SSF x LoA	-10,078	0,042	0,287
CHR4	11838058	CHR4:11838058	SSF x LoA	-8,674	0,018	0,298
CHR4	11841455	CHR4:11841455	SSF x LoA	-7,559	-0,090	0,296
CHR4	11841462	CHR4:11841462	SSF x LoA	-7,276	0,092	0,304

CHR4	11841467	CHR4:11841467	SSF x LoA	-8,394	-0,023	0,287
CHR4	11841541	CHR4:11841541	SSF x LoA	-4,526	-0,038	0,295
CHR4	1184546	CHR4:1184546	SSF x LoA	-5,558	-0,164	0,288
CHR4	1184705	CHR4:1184705	SSF x LoA	-9,532	0,030	0,296
CHR4	11854190	CHR4:11854190	SSF x LoA	-7,743	0,040	0,294
CHR4	11854222	CHR4:11854222	SSF x LoA	-9,511	0,041	0,291
CHR4	11854225	CHR4:11854225	SSF x LoA	-8,882	0,019	0,294
CHR4	11854244	CHR4:11854244	SSF x LoA	-11,142	0,000	0,301
CHR4	11854257	CHR4:11854257	SSF x LoA	-6,554	-0,147	0,281
CHR4	11854269	CHR4:11854269	SSF x LoA	-6,575	-0,169	0,287
CHR4	11854270	CHR4:11854270	SSF x LoA	-6,130	-0,149	0,297
CHR4	11854283	CHR4:11854283	SSF x LoA	-6,181	-0,188	0,287
CHR4	11859390	CHR4:11859390	SSF x LoA	-8,989	0,066	0,286
CHR4	11883654	CHR4:11883654	SSF x LoA	-10,397	0,017	0,292
CHR4	11883736	CHR4:11883736	SSF x LoA	-10,248	0,052	0,285
CHR4	11883811	CHR4:11883811	SSF x LoA	-7,430	0,006	0,287
CHR4	11883881	CHR4:11883881	SSF x LoA	-7,100	0,095	0,299
CHR4	11883896	CHR4:11883896	SSF x LoA	-9,078	-0,003	0,301
CHR4	11895498	CHR4:11895498	SSF x LoA	-4,762	-0,077	0,270
CHR4	11895513	CHR4:11895513	SSF x LoA	-10,706	-0,062	0,280
CHR4	11895524	CHR4:11895524	SSF x LoA	-10,857	-0,019	0,272
CHR4	11895664	CHR4:11895664	SSF x LoA	-7,155	0,050	0,297
CHR4	11895818	CHR4:11895818	SSF x LoA	-8,763	0,056	0,288
CHR4	11899138	CHR4:11899138	SSF x LoA	-11,385	-0,055	0,288
CHR4	11899190	CHR4:11899190	SSF x LoA	-9,366	0,064	0,275
CHR4	11903441	CHR4:11903441	SSF x LoA	-6,606	0,088	0,303
CHR4	11903617	CHR4:11903617	SSF x LoA	-5,094	0,138	0,294
CHR4	11908119	CHR4:11908119	SSF x LoA	-6,860	0,140	0,284
CHR4	11908150	CHR4:11908150	SSF x LoA	-9,637	-0,178	0,272
CHR4	11908302	CHR4:11908302	SSF x LoA	-9,665	-0,092	0,294
CHR4	11908312	CHR4:11908312	SSF x LoA	-7,614	-0,176	0,276
CHR4	11908344	CHR4:11908344	SSF x LoA	-7,799	0,054	0,291
CHR4	11908371	CHR4:11908371	SSF x LoA	-10,997	-0,019	0,284
CHR4	1193405	CHR4:1193405	SSF x LoA	-8,014	0,164	0,274
CHR4	1193452	CHR4:1193452	SSF x LoA	-8,175	0,082	0,290
CHR4	1193540	CHR4:1193540	SSF x LoA	-3,701	-0,105	0,294
CHR4	11960950	CHR4:11960950	SSF x LoA	-9,396	-0,033	0,281
CHR4	11962496	CHR4:11962496	SSF x LoA	-7,764	-0,017	0,281
CHR4	11962548	CHR4:11962548	SSF x LoA	-9,691	-0,031	0,299
CHR4	11962550	CHR4:11962550	SSF x LoA	-10,931	-0,017	0,296
CHR4	11966027	CHR4:11966027	SSF x LoA	-9,423	0,075	0,288
CHR4	11984221	CHR4:11984221	SSF x LoA	-8,305	0,012	0,292
CHR4	11984252	CHR4:11984252	SSF x LoA	-8,932	-0,012	0,283
CHR4	11984265	CHR4:11984265	SSF x LoA	-8,148	-0,006	0,298
CHR4	11984364	CHR4:11984364	SSF x LoA	-10,333	0,124	0,299
CHR4	11984457	CHR4:11984457	SSF x LoA	-7,642	-0,113	0,265
CHR4	12019964	CHR4:12019964	SSF x LoA	-9,346	0,018	0,291
CHR4	12020044	CHR4:12020044	SSF x LoA	-7,629	0,121	0,294
CHR4	12025030	CHR4:12025030	SSF x LoA	-8,230	-0,072	0,274
CHR4	1209808	CHR4:1209808	SSF x LoA	-6,997	0,072	0,295
CHR4	1209828	CHR4:1209828	SSF x LoA	-9,139	0,106	0,300
CHR4	1209840	CHR4:1209840	SSF x LoA	-10,504	-0,053	0,298
CHR4	1210043	CHR4:1210043	SSF x LoA	-5,898	-0,031	0,312

CHR4	1210044	CHR4:1210044	SSF x LoA	-10,630	-0,019	0,291
CHR4	12105082	CHR4:12105082	SSF x LoA	-8,648	0,013	0,292
CHR4	12105103	CHR4:12105103	SSF x LoA	-4,881	-0,222	0,268
CHR4	12114289	CHR4:12114289	SSF x LoA	-8,647	0,115	0,291
CHR4	12114339	CHR4:12114339	SSF x LoA	-10,508	-0,006	0,288
CHR4	12131889	CHR4:12131889	SSF x LoA	-9,008	-0,062	0,287
CHR4	12133245	CHR4:12133245	SSF x LoA	-9,965	0,072	0,302
CHR4	12133296	CHR4:12133296	SSF x LoA	-7,047	0,054	0,296
CHR4	12133307	CHR4:12133307	SSF x LoA	-8,875	0,045	0,286
CHR4	12140437	CHR4:12140437	SSF x LoA	-9,282	-0,017	0,293
CHR4	12153862	CHR4:12153862	SSF x LoA	-7,380	-0,145	0,282
CHR4	12153868	CHR4:12153868	SSF x LoA	-10,262	0,019	0,289
CHR4	12153889	CHR4:12153889	SSF x LoA	-9,548	0,013	0,297
CHR4	12153913	CHR4:12153913	SSF x LoA	-4,977	0,144	0,282
CHR4	12153924	CHR4:12153924	SSF x LoA	-10,272	-0,024	0,302
CHR4	12154054	CHR4:12154054	SSF x LoA	-8,954	-0,052	0,287
CHR4	12154069	CHR4:12154069	SSF x LoA	-9,852	0,000	0,285
CHR4	12154129	CHR4:12154129	SSF x LoA	-4,365	0,138	0,292
CHR4	12154136	CHR4:12154136	SSF x LoA	-10,663	0,005	0,286
CHR4	12175373	CHR4:12175373	SSF x LoA	-7,126	0,073	0,296
CHR4	12193784	CHR4:12193784	SSF x LoA	-6,732	-0,028	0,297
CHR4	12193950	CHR4:12193950	SSF x LoA	-10,563	0,039	0,286
CHR4	12193966	CHR4:12193966	SSF x LoA	-8,397	-0,117	0,294
CHR4	12193991	CHR4:12193991	SSF x LoA	-9,385	0,084	0,299
CHR4	12197876	CHR4:12197876	SSF x LoA	-9,412	0,031	0,284
CHR4	12198020	CHR4:12198020	SSF x LoA	-6,631	-0,076	0,299
CHR4	12198063	CHR4:12198063	SSF x LoA	-11,098	-0,080	0,276
CHR4	12198089	CHR4:12198089	SSF x LoA	-9,194	-0,022	0,292
CHR4	12215244	CHR4:12215244	SSF x LoA	-8,471	-0,078	0,293
CHR4	12217683	CHR4:12217683	SSF x LoA	-7,553	0,088	0,290
CHR4	12217688	CHR4:12217688	SSF x LoA	-9,586	-0,013	0,295
CHR4	12217753	CHR4:12217753	SSF x LoA	-8,656	0,020	0,296
CHR4	12224789	CHR4:12224789	SSF x LoA	-9,038	-0,079	0,295
CHR4	12224812	CHR4:12224812	SSF x LoA	1,406	-0,149	0,279
CHR4	12224988	CHR4:12224988	SSF x LoA	-10,790	0,012	0,285
CHR4	12225010	CHR4:12225010	SSF x LoA	-9,211	-0,035	0,296
CHR4	12226675	CHR4:12226675	SSF x LoA	-7,491	0,014	0,307
CHR4	12228960	CHR4:12228960	SSF x LoA	-3,991	-0,178	0,276
CHR4	12229075	CHR4:12229075	SSF x LoA	-10,390	-0,028	0,290
CHR4	12231672	CHR4:12231672	SSF x LoA	-6,458	0,045	0,279
CHR4	12238551	CHR4:12238551	SSF x LoA	-10,809	-0,023	0,289
CHR4	12247393	CHR4:12247393	SSF x LoA	-5,858	0,073	0,290
CHR4	12247435	CHR4:12247435	SSF x LoA	-5,539	0,015	0,291
CHR4	12247447	CHR4:12247447	SSF x LoA	-10,368	-0,057	0,290
CHR4	12247509	CHR4:12247509	SSF x LoA	-8,601	0,026	0,299
CHR4	12247542	CHR4:12247542	SSF x LoA	-8,371	-0,053	0,286
CHR4	1224819	CHR4:1224819	SSF x LoA	-7,860	-0,154	0,298
CHR4	1224824	CHR4:1224824	SSF x LoA	-9,804	-0,036	0,285
CHR4	12257853	CHR4:12257853	SSF x LoA	-9,050	-0,090	0,293
CHR4	12266290	CHR4:12266290	SSF x LoA	-11,942	0,016	0,294
CHR4	12266313	CHR4:12266313	SSF x LoA	-9,884	-0,154	0,282
CHR4	12266332	CHR4:12266332	SSF x LoA	-10,421	-0,001	0,285
CHR4	12266382	CHR4:12266382	SSF x LoA	-6,381	-0,191	0,268

CHR4	12266383	CHR4:12266383	SSF x LoA	-8,179	0,084	0,278
CHR4	12266386	CHR4:12266386	SSF x LoA	-8,331	0,088	0,281
CHR4	12266467	CHR4:12266467	SSF x LoA	-8,340	0,093	0,282
CHR4	12266469	CHR4:12266469	SSF x LoA	-9,924	-0,061	0,283
CHR4	12266475	CHR4:12266475	SSF x LoA	-9,471	-0,006	0,293
CHR4	12266522	CHR4:12266522	SSF x LoA	-7,237	-0,101	0,306
CHR4	12266533	CHR4:12266533	SSF x LoA	-8,233	-0,076	0,303
CHR4	12272762	CHR4:12272762	SSF x LoA	16,041	0,081	0,281
CHR4	12272783	CHR4:12272783	SSF x LoA	-10,171	0,015	0,290
CHR4	12284181	CHR4:12284181	SSF x LoA	-9,154	-0,099	0,286
CHR4	12284212	CHR4:12284212	SSF x LoA	-8,541	-0,016	0,274
CHR4	12284270	CHR4:12284270	SSF x LoA	-1,109	0,180	0,281
CHR4	12284286	CHR4:12284286	SSF x LoA	-9,866	-0,065	0,300
CHR4	12284358	CHR4:12284358	SSF x LoA	-9,767	-0,070	0,289
CHR4	12284385	CHR4:12284385	SSF x LoA	-8,174	-0,013	0,282
CHR4	12284387	CHR4:12284387	SSF x LoA	-11,253	-0,063	0,287
CHR4	1228672	CHR4:1228672	SSF x LoA	-10,497	0,026	0,294
CHR4	12295152	CHR4:12295152	SSF x LoA	-10,440	0,037	0,288
CHR4	12295175	CHR4:12295175	SSF x LoA	-10,382	0,046	0,289
CHR4	12295184	CHR4:12295184	SSF x LoA	-10,388	0,074	0,281
CHR4	12295188	CHR4:12295188	SSF x LoA	-9,330	-0,014	0,292
CHR4	12295195	CHR4:12295195	SSF x LoA	-11,256	0,025	0,280
CHR4	12295197	CHR4:12295197	SSF x LoA	-2,682	0,005	0,278
CHR4	12295234	CHR4:12295234	SSF x LoA	-10,835	0,018	0,286
CHR4	12295238	CHR4:12295238	SSF x LoA	-10,233	0,047	0,281
CHR4	12295421	CHR4:12295421	SSF x LoA	-10,772	0,001	0,296
CHR4	12298903	CHR4:12298903	SSF x LoA	-7,710	-0,030	0,295
CHR4	12299172	CHR4:12299172	SSF x LoA	-8,586	0,059	0,291
CHR4	12309722	CHR4:12309722	SSF x LoA	-9,375	-0,036	0,283
CHR4	12309765	CHR4:12309765	SSF x LoA	-8,202	-0,035	0,297
CHR4	12309791	CHR4:12309791	SSF x LoA	-8,609	-0,081	0,285
CHR4	12309797	CHR4:12309797	SSF x LoA	-3,185	-0,130	0,285
CHR4	12309811	CHR4:12309811	SSF x LoA	-11,139	0,088	0,280
CHR4	12309881	CHR4:12309881	SSF x LoA	-11,178	0,019	0,288
CHR4	12322608	CHR4:12322608	SSF x LoA	-7,570	0,044	0,292
CHR4	12322655	CHR4:12322655	SSF x LoA	-3,010	0,169	0,285
CHR4	12322681	CHR4:12322681	SSF x LoA	-8,835	0,012	0,294
CHR4	12328196	CHR4:12328196	SSF x LoA	-8,014	-0,080	0,289
CHR4	12328271	CHR4:12328271	SSF x LoA	-5,808	-0,168	0,282
CHR4	12328289	CHR4:12328289	SSF x LoA	-8,098	-0,136	0,283
CHR4	12328354	CHR4:12328354	SSF x LoA	-10,579	-0,035	0,291
CHR4	12342810	CHR4:12342810	SSF x LoA	-4,695	0,097	0,286
CHR4	12342884	CHR4:12342884	SSF x LoA	-9,981	-0,096	0,272
CHR4	12342892	CHR4:12342892	SSF x LoA	-9,963	0,012	0,299
CHR4	1234461	CHR4:1234461	SSF x LoA	-8,269	-0,059	0,292
CHR4	1234470	CHR4:1234470	SSF x LoA	-8,830	0,050	0,277
CHR4	1234609	CHR4:1234609	SSF x LoA	-10,833	0,038	0,291
CHR4	1234618	CHR4:1234618	SSF x LoA	-8,426	0,043	0,286
CHR4	12360539	CHR4:12360539	SSF x LoA	-8,322	0,190	0,286
CHR4	12360603	CHR4:12360603	SSF x LoA	-8,103	0,076	0,307
CHR4	12360668	CHR4:12360668	SSF x LoA	-9,249	0,020	0,296
CHR4	12360676	CHR4:12360676	SSF x LoA	-9,879	0,030	0,278
CHR4	12360683	CHR4:12360683	SSF x LoA	-6,042	0,193	0,284

CHR4	12360690	CHR4:12360690	SSF x LoA	-5,751	0,196	0,287
CHR4	12360691	CHR4:12360691	SSF x LoA	-3,892	0,150	0,279
CHR4	12360692	CHR4:12360692	SSF x LoA	-7,042	0,153	0,293
CHR4	12360693	CHR4:12360693	SSF x LoA	-4,974	0,162	0,284
CHR4	12360723	CHR4:12360723	SSF x LoA	-6,872	0,137	0,288
CHR4	12360731	CHR4:12360731	SSF x LoA	-7,815	-0,111	0,290
CHR4	12360798	CHR4:12360798	SSF x LoA	-8,601	-0,072	0,291
CHR4	123647	CHR4:123647	SSF x LoA	-9,368	-0,102	0,290
CHR4	12399235	CHR4:12399235	SSF x LoA	-8,746	-0,004	0,292
CHR4	12405014	CHR4:12405014	SSF x LoA	-6,905	-0,109	0,272
CHR4	12405136	CHR4:12405136	SSF x LoA	-7,032	0,152	0,282
CHR4	12405296	CHR4:12405296	SSF x LoA	-4,691	-0,100	0,279
CHR4	12413200	CHR4:12413200	SSF x LoA	-9,274	0,178	0,279
CHR4	12418477	CHR4:12418477	SSF x LoA	-8,544	-0,101	0,278
CHR4	12423470	CHR4:12423470	SSF x LoA	-10,683	-0,023	0,292
CHR4	12423517	CHR4:12423517	SSF x LoA	-7,919	0,041	0,289
CHR4	1243323	CHR4:1243323	SSF x LoA	-6,776	0,168	0,287
CHR4	12483230	CHR4:12483230	SSF x LoA	-10,038	-0,033	0,289
CHR4	12488373	CHR4:12488373	SSF x LoA	-6,399	0,130	0,290
CHR4	12488834	CHR4:12488834	SSF x LoA	-6,236	-0,154	0,269
CHR4	12503437	CHR4:12503437	SSF x LoA	-8,070	-0,063	0,290
CHR4	12508017	CHR4:12508017	SSF x LoA	-10,256	-0,093	0,288
CHR4	12508035	CHR4:12508035	SSF x LoA	-9,093	0,034	0,300
CHR4	12508153	CHR4:12508153	SSF x LoA	-7,931	0,047	0,275
CHR4	12512741	CHR4:12512741	SSF x LoA	-9,505	-0,051	0,286
CHR4	12512749	CHR4:12512749	SSF x LoA	-9,717	-0,061	0,295
CHR4	12512758	CHR4:12512758	SSF x LoA	-7,572	0,064	0,269
CHR4	12523015	CHR4:12523015	SSF x LoA	-8,928	-0,074	0,285
CHR4	12523096	CHR4:12523096	SSF x LoA	-9,422	-0,009	0,276
CHR4	12531034	CHR4:12531034	SSF x LoA	-8,483	-0,066	0,285
CHR4	12531048	CHR4:12531048	SSF x LoA	-10,836	0,038	0,296
CHR4	12540375	CHR4:12540375	SSF x LoA	-8,795	-0,052	0,284
CHR4	12543949	CHR4:12543949	SSF x LoA	-8,388	0,049	0,312
CHR4	12544027	CHR4:12544027	SSF x LoA	-9,954	-0,043	0,272
CHR4	12544132	CHR4:12544132	SSF x LoA	-10,310	0,033	0,286
CHR4	12544183	CHR4:12544183	SSF x LoA	-8,305	-0,017	0,290
CHR4	12544218	CHR4:12544218	SSF x LoA	-8,388	0,113	0,288
CHR4	125547	CHR4:125547	SSF x LoA	-9,063	-0,046	0,281
CHR4	1257760	CHR4:1257760	SSF x LoA	-7,656	0,070	0,291
CHR4	12578181	CHR4:12578181	SSF x LoA	-8,631	0,002	0,295
CHR4	12578345	CHR4:12578345	SSF x LoA	-7,285	-0,098	0,281
CHR4	12578347	CHR4:12578347	SSF x LoA	-6,704	-0,134	0,283
CHR4	12578366	CHR4:12578366	SSF x LoA	-7,208	-0,129	0,281
CHR4	12578394	CHR4:12578394	SSF x LoA	-9,544	0,005	0,292
CHR4	12588430	CHR4:12588430	SSF x LoA	-7,319	0,042	0,294
CHR4	12588665	CHR4:12588665	SSF x LoA	-9,527	0,174	0,285
CHR4	12592487	CHR4:12592487	SSF x LoA	-9,604	0,035	0,290
CHR4	12592572	CHR4:12592572	SSF x LoA	-8,073	-0,048	0,293
CHR4	12592616	CHR4:12592616	SSF x LoA	-8,610	0,035	0,285
CHR4	12592627	CHR4:12592627	SSF x LoA	-10,139	0,098	0,280
CHR4	12605310	CHR4:12605310	SSF x LoA	-7,421	-0,007	0,293
CHR4	12605380	CHR4:12605380	SSF x LoA	-8,902	-0,037	0,300
CHR4	12605505	CHR4:12605505	SSF x LoA	-10,017	0,029	0,295

CHR4	12609953	CHR4:12609953	SSF x LoA	-11,446	0,038	0,285
CHR4	12609988	CHR4:12609988	SSF x LoA	-8,446	0,148	0,299
CHR4	12626644	CHR4:12626644	SSF x LoA	-9,302	-0,106	0,288
CHR4	12627822	CHR4:12627822	SSF x LoA	-8,327	-0,052	0,284
CHR4	12627884	CHR4:12627884	SSF x LoA	-10,494	0,064	0,298
CHR4	12643924	CHR4:12643924	SSF x LoA	-6,301	0,100	0,291
CHR4	12644118	CHR4:12644118	SSF x LoA	-9,353	0,057	0,294
CHR4	12653350	CHR4:12653350	SSF x LoA	-7,447	-0,154	0,270
CHR4	12672377	CHR4:12672377	SSF x LoA	-9,752	-0,002	0,286
CHR4	12685923	CHR4:12685923	SSF x LoA	-11,396	-0,051	0,292
CHR4	12685951	CHR4:12685951	SSF x LoA	-9,720	0,012	0,296
CHR4	12685993	CHR4:12685993	SSF x LoA	-5,486	0,161	0,303
CHR4	12686075	CHR4:12686075	SSF x LoA	-8,073	0,004	0,287
CHR4	12686151	CHR4:12686151	SSF x LoA	-7,754	0,106	0,291
CHR4	12699412	CHR4:12699412	SSF x LoA	-7,481	0,122	0,285
CHR4	12765341	CHR4:12765341	SSF x LoA	-10,615	0,030	0,303
CHR4	12790684	CHR4:12790684	SSF x LoA	-9,853	0,040	0,290
CHR4	1280551	CHR4:1280551	SSF x LoA	-9,096	0,002	0,278
CHR4	1280713	CHR4:1280713	SSF x LoA	-7,261	-0,042	0,291
CHR4	1280777	CHR4:1280777	SSF x LoA	-10,993	0,035	0,288
CHR4	12824876	CHR4:12824876	SSF x LoA	-6,995	0,155	0,286
CHR4	12824899	CHR4:12824899	SSF x LoA	-9,160	-0,005	0,299
CHR4	12824900	CHR4:12824900	SSF x LoA	-7,248	-0,125	0,293
CHR4	12824957	CHR4:12824957	SSF x LoA	-9,536	0,084	0,292
CHR4	12827504	CHR4:12827504	SSF x LoA	-8,184	-0,051	0,288
CHR4	12827529	CHR4:12827529	SSF x LoA	-7,954	0,102	0,285
CHR4	12827562	CHR4:12827562	SSF x LoA	-10,356	-0,056	0,274
CHR4	12827685	CHR4:12827685	SSF x LoA	-7,312	-0,007	0,305
CHR4	12827693	CHR4:12827693	SSF x LoA	-10,029	0,021	0,284
CHR4	12827794	CHR4:12827794	SSF x LoA	-7,598	-0,098	0,287
CHR4	12827832	CHR4:12827832	SSF x LoA	-9,431	-0,097	0,295
CHR4	12835889	CHR4:12835889	SSF x LoA	-9,273	0,062	0,299
CHR4	12835931	CHR4:12835931	SSF x LoA	-8,580	-0,117	0,295
CHR4	12835960	CHR4:12835960	SSF x LoA	-8,127	-0,033	0,281
CHR4	12835970	CHR4:12835970	SSF x LoA	-7,818	-0,002	0,293
CHR4	12835992	CHR4:12835992	SSF x LoA	-10,214	-0,022	0,289
CHR4	12836041	CHR4:12836041	SSF x LoA	-10,435	0,087	0,272
CHR4	12846586	CHR4:12846586	SSF x LoA	-9,112	0,057	0,291
CHR4	12846622	CHR4:12846622	SSF x LoA	-9,068	0,087	0,281
CHR4	12846741	CHR4:12846741	SSF x LoA	-9,615	-0,065	0,293
CHR4	12846760	CHR4:12846760	SSF x LoA	-7,275	0,052	0,298
CHR4	12846761	CHR4:12846761	SSF x LoA	-9,527	-0,021	0,287
CHR4	12846762	CHR4:12846762	SSF x LoA	-11,305	-0,072	0,286
CHR4	12846765	CHR4:12846765	SSF x LoA	-11,623	0,020	0,280
CHR4	12869054	CHR4:12869054	SSF x LoA	-3,330	0,210	0,292
CHR4	12872571	CHR4:12872571	SSF x LoA	-8,174	0,046	0,290
CHR4	12879120	CHR4:12879120	SSF x LoA	-8,692	-0,073	0,283
CHR4	12879158	CHR4:12879158	SSF x LoA	-7,457	-0,048	0,285
CHR4	12879181	CHR4:12879181	SSF x LoA	-7,746	-0,056	0,311
CHR4	12879239	CHR4:12879239	SSF x LoA	-10,134	-0,060	0,285
CHR4	12885095	CHR4:12885095	SSF x LoA	-7,994	-0,162	0,281
CHR4	1290806	CHR4:1290806	SSF x LoA	-9,385	0,067	0,288
CHR4	1290820	CHR4:1290820	SSF x LoA	-6,999	-0,096	0,297

CHR4	1290832	CHR4:1290832	SSF x LoA	-9,124	-0,032	0,302
CHR4	1290884	CHR4:1290884	SSF x LoA	-8,671	-0,056	0,295
CHR4	1290948	CHR4:1290948	SSF x LoA	-7,796	0,102	0,274
CHR4	1290978	CHR4:1290978	SSF x LoA	-10,507	0,041	0,297
CHR4	12912148	CHR4:12912148	SSF x LoA	-10,404	0,009	0,283
CHR4	12912176	CHR4:12912176	SSF x LoA	-3,626	-0,157	0,292
CHR4	1291404	CHR4:1291404	SSF x LoA	-9,660	-0,081	0,281
CHR4	12915546	CHR4:12915546	SSF x LoA	-9,364	-0,142	0,285
CHR4	12915665	CHR4:12915665	SSF x LoA	-8,559	0,061	0,304
CHR4	12915700	CHR4:12915700	SSF x LoA	-4,584	0,248	0,258
CHR4	12915709	CHR4:12915709	SSF x LoA	-5,200	0,097	0,279
CHR4	12915712	CHR4:12915712	SSF x LoA	-4,952	0,006	0,296
CHR4	12915823	CHR4:12915823	SSF x LoA	-8,296	0,127	0,281
CHR4	12915835	CHR4:12915835	SSF x LoA	-7,700	0,104	0,284
CHR4	12915836	CHR4:12915836	SSF x LoA	-8,840	0,048	0,285
CHR4	12915966	CHR4:12915966	SSF x LoA	-9,609	-0,076	0,288
CHR4	12917720	CHR4:12917720	SSF x LoA	-10,534	-0,026	0,273
CHR4	12917724	CHR4:12917724	SSF x LoA	-6,691	-0,172	0,283
CHR4	12917739	CHR4:12917739	SSF x LoA	-5,754	0,031	0,295
CHR4	12917747	CHR4:12917747	SSF x LoA	-5,797	-0,178	0,279
CHR4	12917835	CHR4:12917835	SSF x LoA	-7,718	0,014	0,278
CHR4	12917840	CHR4:12917840	SSF x LoA	-8,807	0,025	0,298
CHR4	12917873	CHR4:12917873	SSF x LoA	-4,375	-0,133	0,281
CHR4	12917895	CHR4:12917895	SSF x LoA	-8,260	0,048	0,293
CHR4	12922516	CHR4:12922516	SSF x LoA	-9,516	-0,021	0,295
CHR4	12922535	CHR4:12922535	SSF x LoA	-7,230	-0,044	0,288
CHR4	12922667	CHR4:12922667	SSF x LoA	-7,819	0,124	0,282
CHR4	12922684	CHR4:12922684	SSF x LoA	-9,286	-0,021	0,292
CHR4	12934536	CHR4:12934536	SSF x LoA	-10,535	0,034	0,290
CHR4	12934561	CHR4:12934561	SSF x LoA	-7,998	0,004	0,299
CHR4	12942127	CHR4:12942127	SSF x LoA	-11,381	0,041	0,283
CHR4	12942142	CHR4:12942142	SSF x LoA	-9,317	0,076	0,289
CHR4	12942290	CHR4:12942290	SSF x LoA	-9,273	0,047	0,285
CHR4	12942323	CHR4:12942323	SSF x LoA	-10,175	0,070	0,289
CHR4	12961696	CHR4:12961696	SSF x LoA	-10,640	-0,132	0,280
CHR4	12967448	CHR4:12967448	SSF x LoA	-5,832	0,119	0,283
CHR4	12967573	CHR4:12967573	SSF x LoA	-11,156	-0,094	0,267
CHR4	12986503	CHR4:12986503	SSF x LoA	-6,142	0,148	0,285
CHR4	12996254	CHR4:12996254	SSF x LoA	-8,042	-0,081	0,274
CHR4	13000452	CHR4:13000452	SSF x LoA	-8,357	-0,023	0,300
CHR4	13061292	CHR4:13061292	SSF x LoA	-6,775	-0,004	0,294
CHR4	13066055	CHR4:13066055	SSF x LoA	-8,660	-0,006	0,276
CHR4	13067217	CHR4:13067217	SSF x LoA	-8,357	-0,011	0,298
CHR4	13067230	CHR4:13067230	SSF x LoA	-10,773	0,012	0,288
CHR4	13067270	CHR4:13067270	SSF x LoA	-10,385	-0,017	0,288
CHR4	13068330	CHR4:13068330	SSF x LoA	-8,869	-0,037	0,290
CHR4	13092033	CHR4:13092033	SSF x LoA	-9,923	-0,095	0,272
CHR4	13092103	CHR4:13092103	SSF x LoA	-7,031	0,066	0,301
CHR4	13092134	CHR4:13092134	SSF x LoA	-10,810	0,043	0,290
CHR4	13092148	CHR4:13092148	SSF x LoA	-8,129	0,067	0,294
CHR4	13092176	CHR4:13092176	SSF x LoA	-7,973	0,050	0,293
CHR4	13092181	CHR4:13092181	SSF x LoA	-8,664	0,020	0,280
CHR4	13092184	CHR4:13092184	SSF x LoA	-8,135	0,024	0,291

CHR4	13096954	CHR4:13096954	SSF x LoA	-9,293	-0,033	0,293
CHR4	13097285	CHR4:13097285	SSF x LoA	-4,101	0,178	0,279
CHR4	13115443	CHR4:13115443	SSF x LoA	-8,319	0,018	0,297
CHR4	13115457	CHR4:13115457	SSF x LoA	-9,727	0,037	0,296
CHR4	13123004	CHR4:13123004	SSF x LoA	-9,556	-0,001	0,304
CHR4	13123165	CHR4:13123165	SSF x LoA	-11,290	0,036	0,277
CHR4	13129538	CHR4:13129538	SSF x LoA	-9,719	-0,013	0,303
CHR4	13129897	CHR4:13129897	SSF x LoA	-7,493	-0,091	0,303
CHR4	13136128	CHR4:13136128	SSF x LoA	-10,972	0,061	0,274
CHR4	13136210	CHR4:13136210	SSF x LoA	-3,735	0,123	0,296
CHR4	13137654	CHR4:13137654	SSF x LoA	-8,495	-0,003	0,296
CHR4	13137660	CHR4:13137660	SSF x LoA	-10,596	-0,003	0,279
CHR4	13153156	CHR4:13153156	SSF x LoA	-4,952	0,183	0,293
CHR4	13153161	CHR4:13153161	SSF x LoA	-10,956	0,030	0,286
CHR4	13153218	CHR4:13153218	SSF x LoA	-8,540	-0,147	0,283
CHR4	1316334	CHR4:1316334	SSF x LoA	-8,843	-0,116	0,281
CHR4	1316473	CHR4:1316473	SSF x LoA	-10,548	-0,036	0,283
CHR4	13165279	CHR4:13165279	SSF x LoA	-7,088	0,158	0,294
CHR4	13165315	CHR4:13165315	SSF x LoA	-11,186	-0,063	0,288
CHR4	13165316	CHR4:13165316	SSF x LoA	-9,640	-0,049	0,289
CHR4	13165373	CHR4:13165373	SSF x LoA	-12,036	0,013	0,292
CHR4	13165476	CHR4:13165476	SSF x LoA	-7,450	-0,178	0,283
CHR4	13165553	CHR4:13165553	SSF x LoA	-4,997	0,049	0,282
CHR4	13180155	CHR4:13180155	SSF x LoA	-10,487	0,068	0,287
CHR4	13180162	CHR4:13180162	SSF x LoA	-6,738	-0,021	0,284
CHR4	13185278	CHR4:13185278	SSF x LoA	-3,769	-0,138	0,289
CHR4	13185392	CHR4:13185392	SSF x LoA	-8,680	0,111	0,289
CHR4	13185605	CHR4:13185605	SSF x LoA	-5,828	0,190	0,262
CHR4	13190297	CHR4:13190297	SSF x LoA	-10,962	-0,041	0,285
CHR4	13190351	CHR4:13190351	SSF x LoA	-8,705	-0,058	0,297
CHR4	13196469	CHR4:13196469	SSF x LoA	-8,670	-0,061	0,282
CHR4	13196846	CHR4:13196846	SSF x LoA	-9,510	0,013	0,278
CHR4	13200243	CHR4:13200243	SSF x LoA	-10,826	0,051	0,280
CHR4	13209001	CHR4:13209001	SSF x LoA	-11,062	0,025	0,282
CHR4	13211889	CHR4:13211889	SSF x LoA	-7,021	0,088	0,301
CHR4	13218853	CHR4:13218853	SSF x LoA	-10,206	0,024	0,290
CHR4	1322333	CHR4:1322333	SSF x LoA	-6,591	-0,024	0,304
CHR4	1322387	CHR4:1322387	SSF x LoA	-3,342	-0,146	0,288
CHR4	1322398	CHR4:1322398	SSF x LoA	-10,675	0,103	0,287
CHR4	1322465	CHR4:1322465	SSF x LoA	-6,443	-0,168	0,289
CHR4	13225146	CHR4:13225146	SSF x LoA	-9,832	0,028	0,287
CHR4	13232230	CHR4:13232230	SSF x LoA	-8,538	0,174	0,281
CHR4	13232426	CHR4:13232426	SSF x LoA	-6,475	0,102	0,292
CHR4	13232489	CHR4:13232489	SSF x LoA	-10,294	-0,031	0,274
CHR4	13232553	CHR4:13232553	SSF x LoA	-8,643	0,108	0,290
CHR4	13235520	CHR4:13235520	SSF x LoA	-10,438	-0,060	0,292
CHR4	1323780	CHR4:1323780	SSF x LoA	-8,505	0,081	0,274
CHR4	13248654	CHR4:13248654	SSF x LoA	-10,047	0,051	0,294
CHR4	13248697	CHR4:13248697	SSF x LoA	-3,423	-0,138	0,288
CHR4	13248764	CHR4:13248764	SSF x LoA	-9,879	0,082	0,292
CHR4	13248770	CHR4:13248770	SSF x LoA	-10,377	0,069	0,269
CHR4	13248806	CHR4:13248806	SSF x LoA	-9,240	0,086	0,265
CHR4	13248807	CHR4:13248807	SSF x LoA	-10,181	0,099	0,270

CHR4	13248828	CHR4:13248828	SSF x LoA	-6,174	0,130	0,288
CHR4	13248834	CHR4:13248834	SSF x LoA	-6,604	0,098	0,279
CHR4	13248886	CHR4:13248886	SSF x LoA	-10,095	0,105	0,271
CHR4	13255255	CHR4:13255255	SSF x LoA	-8,309	-0,089	0,302
CHR4	13255419	CHR4:13255419	SSF x LoA	-7,910	-0,014	0,302
CHR4	13255443	CHR4:13255443	SSF x LoA	-8,340	0,038	0,275
CHR4	13255446	CHR4:13255446	SSF x LoA	-8,239	0,028	0,292
CHR4	13255590	CHR4:13255590	SSF x LoA	-9,095	0,036	0,299
CHR4	13259398	CHR4:13259398	SSF x LoA	-8,645	0,076	0,297
CHR4	13259465	CHR4:13259465	SSF x LoA	-9,982	0,030	0,299
CHR4	13260249	CHR4:13260249	SSF x LoA	-9,730	-0,030	0,299
CHR4	13269445	CHR4:13269445	SSF x LoA	-9,261	-0,009	0,266
CHR4	13269606	CHR4:13269606	SSF x LoA	-8,417	0,038	0,274
CHR4	13269616	CHR4:13269616	SSF x LoA	-9,016	-0,023	0,293
CHR4	1327049	CHR4:1327049	SSF x LoA	-7,379	-0,118	0,289
CHR4	13271234	CHR4:13271234	SSF x LoA	-11,264	-0,007	0,284
CHR4	13271303	CHR4:13271303	SSF x LoA	-10,695	-0,029	0,285
CHR4	13271478	CHR4:13271478	SSF x LoA	-8,939	0,096	0,287
CHR4	13279356	CHR4:13279356	SSF x LoA	-10,474	0,017	0,281
CHR4	13279664	CHR4:13279664	SSF x LoA	-10,281	0,052	0,285
CHR4	13283087	CHR4:13283087	SSF x LoA	-9,670	0,024	0,296
CHR4	13283311	CHR4:13283311	SSF x LoA	-9,902	0,045	0,293
CHR4	13288620	CHR4:13288620	SSF x LoA	-8,816	0,033	0,307
CHR4	13314365	CHR4:13314365	SSF x LoA	-9,014	-0,051	0,287
CHR4	13314516	CHR4:13314516	SSF x LoA	-2,604	-0,162	0,293
CHR4	13315371	CHR4:13315371	SSF x LoA	-9,932	0,034	0,281
CHR4	13320422	CHR4:13320422	SSF x LoA	-6,554	-0,129	0,283
CHR4	13320428	CHR4:13320428	SSF x LoA	-9,161	0,044	0,290
CHR4	13320643	CHR4:13320643	SSF x LoA	-9,519	-0,067	0,279
CHR4	13320657	CHR4:13320657	SSF x LoA	-7,538	0,109	0,287
CHR4	13320695	CHR4:13320695	SSF x LoA	-11,153	-0,031	0,292
CHR4	13320756	CHR4:13320756	SSF x LoA	-10,888	-0,033	0,283
CHR4	13320770	CHR4:13320770	SSF x LoA	-11,449	0,040	0,305
CHR4	13320775	CHR4:13320775	SSF x LoA	-6,598	0,026	0,303
CHR4	13320806	CHR4:13320806	SSF x LoA	-6,255	0,068	0,300
CHR4	13320808	CHR4:13320808	SSF x LoA	-8,450	0,072	0,295
CHR4	13320848	CHR4:13320848	SSF x LoA	-8,586	0,017	0,290
CHR4	13327721	CHR4:13327721	SSF x LoA	-7,929	-0,165	0,269
CHR4	13335607	CHR4:13335607	SSF x LoA	-7,201	0,140	0,264
CHR4	13335823	CHR4:13335823	SSF x LoA	-11,085	0,030	0,294
CHR4	13340211	CHR4:13340211	SSF x LoA	-10,979	0,017	0,286
CHR4	13343687	CHR4:13343687	SSF x LoA	-6,606	0,114	0,285
CHR4	13343693	CHR4:13343693	SSF x LoA	-8,220	0,195	0,269
CHR4	13343747	CHR4:13343747	SSF x LoA	-6,470	0,161	0,283
CHR4	13343885	CHR4:13343885	SSF x LoA	-9,681	-0,072	0,294
CHR4	13345584	CHR4:13345584	SSF x LoA	-8,043	-0,107	0,285
CHR4	13345599	CHR4:13345599	SSF x LoA	-6,475	-0,153	0,291
CHR4	13345796	CHR4:13345796	SSF x LoA	-7,832	0,128	0,298
CHR4	13351008	CHR4:13351008	SSF x LoA	-10,362	-0,009	0,278
CHR4	13354602	CHR4:13354602	SSF x LoA	-8,146	-0,068	0,294
CHR4	13354659	CHR4:13354659	SSF x LoA	-8,997	0,072	0,275
CHR4	13354667	CHR4:13354667	SSF x LoA	-9,888	-0,020	0,286
CHR4	13354732	CHR4:13354732	SSF x LoA	-9,253	0,140	0,280

CHR4	13354744	CHR4:13354744	SSF x LoA	-9,127	0,095	0,288
CHR4	13354749	CHR4:13354749	SSF x LoA	-4,561	0,092	0,297
CHR4	13354780	CHR4:13354780	SSF x LoA	-9,051	0,018	0,286
CHR4	13355046	CHR4:13355046	SSF x LoA	-7,441	0,106	0,285
CHR4	1335887	CHR4:1335887	SSF x LoA	-9,189	0,037	0,296
CHR4	1336134	CHR4:1336134	SSF x LoA	-8,321	0,052	0,288
CHR4	13377890	CHR4:13377890	SSF x LoA	-10,774	-0,108	0,278
CHR4	13377903	CHR4:13377903	SSF x LoA	-8,443	-0,125	0,284
CHR4	13377973	CHR4:13377973	SSF x LoA	-10,578	-0,046	0,287
CHR4	13379345	CHR4:13379345	SSF x LoA	-8,260	-0,007	0,297
CHR4	13385255	CHR4:13385255	SSF x LoA	-9,251	-0,036	0,280
CHR4	13385321	CHR4:13385321	SSF x LoA	-9,041	-0,067	0,270
CHR4	13385363	CHR4:13385363	SSF x LoA	-7,474	0,164	0,290
CHR4	13398629	CHR4:13398629	SSF x LoA	-3,575	-0,025	0,291
CHR4	13398665	CHR4:13398665	SSF x LoA	-9,573	0,001	0,288
CHR4	13398677	CHR4:13398677	SSF x LoA	-10,349	-0,020	0,277
CHR4	13398678	CHR4:13398678	SSF x LoA	-10,743	-0,025	0,286
CHR4	13398679	CHR4:13398679	SSF x LoA	-8,081	-0,015	0,288
CHR4	13398721	CHR4:13398721	SSF x LoA	-10,425	-0,010	0,279
CHR4	13398752	CHR4:13398752	SSF x LoA	-10,102	0,011	0,295
CHR4	13403831	CHR4:13403831	SSF x LoA	-8,085	-0,008	0,283
CHR4	13403854	CHR4:13403854	SSF x LoA	-1,703	0,137	0,270
CHR4	13406710	CHR4:13406710	SSF x LoA	-1,421	-0,048	0,300
CHR4	13409212	CHR4:13409212	SSF x LoA	-6,063	0,093	0,288
CHR4	13409243	CHR4:13409243	SSF x LoA	-8,731	-0,088	0,283
CHR4	13409399	CHR4:13409399	SSF x LoA	-10,110	-0,014	0,291
CHR4	13463716	CHR4:13463716	SSF x LoA	-8,086	0,197	0,277
CHR4	13463818	CHR4:13463818	SSF x LoA	-10,557	0,004	0,283
CHR4	1346879	CHR4:1346879	SSF x LoA	-9,768	-0,110	0,286
CHR4	1346920	CHR4:1346920	SSF x LoA	-9,186	0,027	0,284
CHR4	1347144	CHR4:1347144	SSF x LoA	-8,857	0,092	0,280
CHR4	13488618	CHR4:13488618	SSF x LoA	-11,194	-0,043	0,298
CHR4	13488620	CHR4:13488620	SSF x LoA	-10,048	0,060	0,288
CHR4	13524920	CHR4:13524920	SSF x LoA	-8,024	0,042	0,277
CHR4	13538725	CHR4:13538725	SSF x LoA	-10,012	-0,071	0,287
CHR4	13544094	CHR4:13544094	SSF x LoA	-10,353	-0,005	0,278
CHR4	13544112	CHR4:13544112	SSF x LoA	-7,945	0,082	0,271
CHR4	1354487	CHR4:1354487	SSF x LoA	-5,509	0,197	0,273
CHR4	1354655	CHR4:1354655	SSF x LoA	-7,498	-0,116	0,271
CHR4	13551038	CHR4:13551038	SSF x LoA	-11,250	-0,004	0,282
CHR4	13551069	CHR4:13551069	SSF x LoA	-8,006	-0,049	0,299
CHR4	13552986	CHR4:13552986	SSF x LoA	-9,315	0,107	0,298
CHR4	13556710	CHR4:13556710	SSF x LoA	-11,386	-0,064	0,291
CHR4	13561342	CHR4:13561342	SSF x LoA	-8,954	-0,057	0,283
CHR4	13561420	CHR4:13561420	SSF x LoA	-7,574	0,101	0,300
CHR4	13561438	CHR4:13561438	SSF x LoA	-9,344	0,001	0,282
CHR4	13561540	CHR4:13561540	SSF x LoA	-10,143	0,087	0,298
CHR4	13561561	CHR4:13561561	SSF x LoA	-8,861	-0,091	0,287
CHR4	13561574	CHR4:13561574	SSF x LoA	-5,476	0,088	0,295
CHR4	13565918	CHR4:13565918	SSF x LoA	-10,072	0,009	0,294
CHR4	13569893	CHR4:13569893	SSF x LoA	-10,796	0,054	0,286
CHR4	13574911	CHR4:13574911	SSF x LoA	-7,344	-0,015	0,297
CHR4	13574913	CHR4:13574913	SSF x LoA	-10,067	0,089	0,293

CHR4	13583055	CHR4:13583055	SSF x LoA	-9,528	-0,080	0,284
CHR4	13583081	CHR4:13583081	SSF x LoA	-10,982	-0,062	0,278
CHR4	13594858	CHR4:13594858	SSF x LoA	-9,700	-0,133	0,285
CHR4	13594913	CHR4:13594913	SSF x LoA	-10,048	-0,034	0,292
CHR4	13595031	CHR4:13595031	SSF x LoA	-8,469	0,121	0,304
CHR4	13599568	CHR4:13599568	SSF x LoA	-7,987	0,109	0,285
CHR4	13599657	CHR4:13599657	SSF x LoA	-4,816	0,114	0,285
CHR4	1363300	CHR4:1363300	SSF x LoA	-8,423	0,019	0,279
CHR4	1363301	CHR4:1363301	SSF x LoA	-9,098	0,042	0,285
CHR4	1363429	CHR4:1363429	SSF x LoA	-10,339	0,053	0,299
CHR4	13635409	CHR4:13635409	SSF x LoA	-10,213	0,059	0,290
CHR4	13639875	CHR4:13639875	SSF x LoA	-2,916	0,131	0,296
CHR4	13639900	CHR4:13639900	SSF x LoA	-7,719	-0,111	0,276
CHR4	13639993	CHR4:13639993	SSF x LoA	-8,193	-0,075	0,289
CHR4	13643385	CHR4:13643385	SSF x LoA	-10,630	-0,088	0,284
CHR4	13643391	CHR4:13643391	SSF x LoA	-9,494	-0,099	0,295
CHR4	13643449	CHR4:13643449	SSF x LoA	-3,779	0,127	0,295
CHR4	13643454	CHR4:13643454	SSF x LoA	7,505	0,237	0,262
CHR4	13652379	CHR4:13652379	SSF x LoA	-9,031	0,111	0,284
CHR4	13652383	CHR4:13652383	SSF x LoA	13,339	0,149	0,288
CHR4	13658264	CHR4:13658264	SSF x LoA	-7,730	0,181	0,276
CHR4	13658506	CHR4:13658506	SSF x LoA	-9,115	-0,028	0,291
CHR4	13658537	CHR4:13658537	SSF x LoA	-3,425	0,090	0,265
CHR4	13666661	CHR4:13666661	SSF x LoA	-9,277	0,010	0,275
CHR4	13666794	CHR4:13666794	SSF x LoA	-9,382	0,019	0,306
CHR4	13670723	CHR4:13670723	SSF x LoA	-7,636	-0,128	0,277
CHR4	13671203	CHR4:13671203	SSF x LoA	-7,861	0,141	0,287
CHR4	13671204	CHR4:13671204	SSF x LoA	-7,736	0,073	0,280
CHR4	13680416	CHR4:13680416	SSF x LoA	-6,664	0,043	0,300
CHR4	13681445	CHR4:13681445	SSF x LoA	-8,202	0,015	0,281
CHR4	13682630	CHR4:13682630	SSF x LoA	-8,160	0,131	0,287
CHR4	13682699	CHR4:13682699	SSF x LoA	-3,331	0,232	0,289
CHR4	13682826	CHR4:13682826	SSF x LoA	-11,015	-0,007	0,276
CHR4	13685446	CHR4:13685446	SSF x LoA	-10,988	-0,030	0,290
CHR4	13685529	CHR4:13685529	SSF x LoA	-7,675	-0,041	0,300
CHR4	13691239	CHR4:13691239	SSF x LoA	-9,886	0,033	0,279
CHR4	13691311	CHR4:13691311	SSF x LoA	-6,997	-0,065	0,283
CHR4	13691409	CHR4:13691409	SSF x LoA	-9,595	-0,028	0,280
CHR4	13691560	CHR4:13691560	SSF x LoA	-9,550	-0,053	0,302
CHR4	13691561	CHR4:13691561	SSF x LoA	-10,590	-0,023	0,280
CHR4	13697766	CHR4:13697766	SSF x LoA	-9,264	0,091	0,287
CHR4	13697771	CHR4:13697771	SSF x LoA	-7,860	-0,021	0,296
CHR4	13697772	CHR4:13697772	SSF x LoA	-7,349	0,073	0,291
CHR4	13697781	CHR4:13697781	SSF x LoA	-8,650	0,087	0,273
CHR4	13697827	CHR4:13697827	SSF x LoA	-8,414	0,027	0,282
CHR4	13697970	CHR4:13697970	SSF x LoA	-8,437	-0,086	0,286
CHR4	13702064	CHR4:13702064	SSF x LoA	-9,615	0,087	0,274
CHR4	13702118	CHR4:13702118	SSF x LoA	-6,027	0,006	0,289
CHR4	13702119	CHR4:13702119	SSF x LoA	-7,155	-0,117	0,285
CHR4	13702213	CHR4:13702213	SSF x LoA	2,556	0,296	0,270
CHR4	13702229	CHR4:13702229	SSF x LoA	-8,653	-0,050	0,294
CHR4	13702259	CHR4:13702259	SSF x LoA	-6,689	0,139	0,295
CHR4	13702273	CHR4:13702273	SSF x LoA	2,402	0,288	0,278

CHR4	13702287	CHR4:13702287	SSF x LoA	-6,574	0,179	0,298
CHR4	1370291	CHR4:1370291	SSF x LoA	-9,336	0,088	0,289
CHR4	1370294	CHR4:1370294	SSF x LoA	-7,857	0,155	0,290
CHR4	1370311	CHR4:1370311	SSF x LoA	-10,605	-0,138	0,287
CHR4	13704078	CHR4:13704078	SSF x LoA	-10,969	-0,007	0,289
CHR4	13704100	CHR4:13704100	SSF x LoA	-9,502	0,072	0,297
CHR4	13704108	CHR4:13704108	SSF x LoA	-9,999	-0,090	0,289
CHR4	13704783	CHR4:13704783	SSF x LoA	-9,548	0,073	0,281
CHR4	13704792	CHR4:13704792	SSF x LoA	-8,913	-0,064	0,296
CHR4	13704828	CHR4:13704828	SSF x LoA	-9,156	0,016	0,296
CHR4	13704854	CHR4:13704854	SSF x LoA	-7,423	0,125	0,275
CHR4	13704901	CHR4:13704901	SSF x LoA	-9,608	-0,034	0,289
CHR4	13704909	CHR4:13704909	SSF x LoA	-10,413	0,094	0,295
CHR4	13704940	CHR4:13704940	SSF x LoA	-9,514	0,082	0,297
CHR4	13704963	CHR4:13704963	SSF x LoA	-8,044	0,109	0,285
CHR4	13704977	CHR4:13704977	SSF x LoA	-9,189	0,042	0,286
CHR4	13704992	CHR4:13704992	SSF x LoA	-9,878	0,078	0,277
CHR4	13705000	CHR4:13705000	SSF x LoA	-10,322	0,068	0,297
CHR4	13705003	CHR4:13705003	SSF x LoA	-8,198	0,068	0,285
CHR4	13705041	CHR4:13705041	SSF x LoA	-9,208	-0,097	0,297
CHR4	13709534	CHR4:13709534	SSF x LoA	-8,057	-0,088	0,293
CHR4	13709537	CHR4:13709537	SSF x LoA	-8,244	0,108	0,294
CHR4	13709552	CHR4:13709552	SSF x LoA	-9,832	0,001	0,287
CHR4	13709553	CHR4:13709553	SSF x LoA	-8,689	0,077	0,300
CHR4	13710145	CHR4:13710145	SSF x LoA	-9,492	0,123	0,291
CHR4	13710180	CHR4:13710180	SSF x LoA	-8,897	0,010	0,282
CHR4	13710182	CHR4:13710182	SSF x LoA	-7,943	-0,041	0,295
CHR4	13720953	CHR4:13720953	SSF x LoA	-5,874	0,142	0,294
CHR4	13720982	CHR4:13720982	SSF x LoA	-6,594	-0,150	0,287
CHR4	13720994	CHR4:13720994	SSF x LoA	-7,748	0,041	0,290
CHR4	13721034	CHR4:13721034	SSF x LoA	-5,634	-0,139	0,285
CHR4	13721056	CHR4:13721056	SSF x LoA	-7,458	0,065	0,302
CHR4	13721370	CHR4:13721370	SSF x LoA	-10,840	0,057	0,274
CHR4	13736859	CHR4:13736859	SSF x LoA	-10,158	0,090	0,284
CHR4	13743206	CHR4:13743206	SSF x LoA	-8,681	-0,086	0,288
CHR4	13744652	CHR4:13744652	SSF x LoA	-7,299	0,096	0,277
CHR4	13744673	CHR4:13744673	SSF x LoA	-7,005	0,094	0,278
CHR4	13744678	CHR4:13744678	SSF x LoA	-8,452	0,109	0,268
CHR4	13744684	CHR4:13744684	SSF x LoA	-5,732	0,117	0,282
CHR4	13750023	CHR4:13750023	SSF x LoA	-6,312	0,223	0,272
CHR4	13750039	CHR4:13750039	SSF x LoA	-5,915	0,239	0,283
CHR4	13750067	CHR4:13750067	SSF x LoA	-10,449	0,019	0,288
CHR4	13752388	CHR4:13752388	SSF x LoA	-8,865	0,025	0,302
CHR4	13752397	CHR4:13752397	SSF x LoA	-9,459	0,103	0,280
CHR4	13752420	CHR4:13752420	SSF x LoA	-9,021	0,043	0,299
CHR4	13752433	CHR4:13752433	SSF x LoA	-10,683	0,020	0,270
CHR4	13754366	CHR4:13754366	SSF x LoA	-9,107	0,006	0,306
CHR4	13754437	CHR4:13754437	SSF x LoA	-10,253	-0,010	0,296
CHR4	13754439	CHR4:13754439	SSF x LoA	-4,967	0,172	0,282
CHR4	1377292	CHR4:1377292	SSF x LoA	-6,834	-0,144	0,288
CHR4	1377354	CHR4:1377354	SSF x LoA	3,362	0,239	0,268
CHR4	1377367	CHR4:1377367	SSF x LoA	-9,234	0,090	0,302
CHR4	13778615	CHR4:13778615	SSF x LoA	-8,425	-0,087	0,284

CHR4	13778617	CHR4:13778617	SSF x LoA	-9,049	0,000	0,284
CHR4	13778755	CHR4:13778755	SSF x LoA	-11,209	0,003	0,275
CHR4	13781168	CHR4:13781168	SSF x LoA	-8,427	0,006	0,294
CHR4	13781234	CHR4:13781234	SSF x LoA	-8,276	0,059	0,289
CHR4	13809813	CHR4:13809813	SSF x LoA	-8,141	-0,028	0,291
CHR4	13810029	CHR4:13810029	SSF x LoA	-6,547	-0,111	0,273
CHR4	13826135	CHR4:13826135	SSF x LoA	-10,956	-0,059	0,275
CHR4	13831831	CHR4:13831831	SSF x LoA	-6,004	-0,024	0,283
CHR4	13831838	CHR4:13831838	SSF x LoA	-7,374	-0,006	0,295
CHR4	13831892	CHR4:13831892	SSF x LoA	-9,791	-0,083	0,281
CHR4	13835436	CHR4:13835436	SSF x LoA	-9,720	-0,033	0,308
CHR4	13835689	CHR4:13835689	SSF x LoA	-6,903	-0,108	0,292
CHR4	13835692	CHR4:13835692	SSF x LoA	-7,076	-0,058	0,292
CHR4	13835774	CHR4:13835774	SSF x LoA	-8,241	0,037	0,288
CHR4	13835775	CHR4:13835775	SSF x LoA	-8,028	0,061	0,309
CHR4	13845030	CHR4:13845030	SSF x LoA	-8,259	0,062	0,294
CHR4	13845283	CHR4:13845283	SSF x LoA	-8,113	-0,030	0,290
CHR4	13846541	CHR4:13846541	SSF x LoA	-10,768	-0,048	0,280
CHR4	13851121	CHR4:13851121	SSF x LoA	-8,862	-0,141	0,282
CHR4	13851313	CHR4:13851313	SSF x LoA	-5,919	0,051	0,294
CHR4	13871821	CHR4:13871821	SSF x LoA	-5,265	-0,162	0,281
CHR4	13871832	CHR4:13871832	SSF x LoA	-8,903	-0,089	0,283
CHR4	13879650	CHR4:13879650	SSF x LoA	-8,409	0,028	0,289
CHR4	13881987	CHR4:13881987	SSF x LoA	-4,572	0,117	0,282
CHR4	13883375	CHR4:13883375	SSF x LoA	-6,656	0,091	0,290
CHR4	13900900	CHR4:13900900	SSF x LoA	-9,336	-0,049	0,300
CHR4	13901055	CHR4:13901055	SSF x LoA	-8,125	0,109	0,298
CHR4	13901112	CHR4:13901112	SSF x LoA	-8,877	-0,001	0,270
CHR4	13906490	CHR4:13906490	SSF x LoA	-11,392	-0,051	0,287
CHR4	13906513	CHR4:13906513	SSF x LoA	-9,296	-0,054	0,289
CHR4	13906542	CHR4:13906542	SSF x LoA	-10,089	0,038	0,291
CHR4	13906550	CHR4:13906550	SSF x LoA	-9,292	0,001	0,279
CHR4	13906651	CHR4:13906651	SSF x LoA	-5,351	0,120	0,293
CHR4	13906656	CHR4:13906656	SSF x LoA	-8,483	-0,007	0,298
CHR4	13906717	CHR4:13906717	SSF x LoA	-10,889	0,019	0,296
CHR4	13906719	CHR4:13906719	SSF x LoA	-10,241	0,052	0,293
CHR4	13906760	CHR4:13906760	SSF x LoA	-8,426	-0,028	0,300
CHR4	13906802	CHR4:13906802	SSF x LoA	-10,198	-0,015	0,304
CHR4	13906832	CHR4:13906832	SSF x LoA	-8,552	0,005	0,283
CHR4	13908821	CHR4:13908821	SSF x LoA	-9,129	0,030	0,281
CHR4	13911730	CHR4:13911730	SSF x LoA	-7,555	0,180	0,292
CHR4	13913409	CHR4:13913409	SSF x LoA	-4,643	-0,079	0,291
CHR4	13913494	CHR4:13913494	SSF x LoA	-9,074	-0,005	0,292
CHR4	13918809	CHR4:13918809	SSF x LoA	-8,671	-0,109	0,290
CHR4	13918856	CHR4:13918856	SSF x LoA	-8,007	0,167	0,288
CHR4	13940585	CHR4:13940585	SSF x LoA	-1,849	0,158	0,288
CHR4	13940907	CHR4:13940907	SSF x LoA	-8,588	0,094	0,301
CHR4	13962096	CHR4:13962096	SSF x LoA	-10,677	-0,010	0,291
CHR4	13962122	CHR4:13962122	SSF x LoA	-8,738	-0,045	0,289
CHR4	13962123	CHR4:13962123	SSF x LoA	-6,806	-0,107	0,294
CHR4	13962143	CHR4:13962143	SSF x LoA	-8,867	-0,061	0,287
CHR4	13962184	CHR4:13962184	SSF x LoA	-9,493	-0,036	0,293
CHR4	13962190	CHR4:13962190	SSF x LoA	-8,336	-0,099	0,291

CHR4	13962247	CHR4:13962247	SSF x LoA	-5,893	0,129	0,285
CHR4	13962282	CHR4:13962282	SSF x LoA	-8,343	-0,016	0,298
CHR4	13965494	CHR4:13965494	SSF x LoA	-9,664	0,067	0,283
CHR4	13967771	CHR4:13967771	SSF x LoA	-6,996	0,127	0,288
CHR4	13977929	CHR4:13977929	SSF x LoA	-7,680	0,084	0,280
CHR4	13978023	CHR4:13978023	SSF x LoA	-6,520	0,107	0,293
CHR4	13978026	CHR4:13978026	SSF x LoA	-11,036	-0,004	0,287
CHR4	13978065	CHR4:13978065	SSF x LoA	-9,039	0,129	0,283
CHR4	13989110	CHR4:13989110	SSF x LoA	-8,189	-0,089	0,284
CHR4	13989136	CHR4:13989136	SSF x LoA	-11,418	-0,056	0,290
CHR4	13989210	CHR4:13989210	SSF x LoA	-11,049	-0,042	0,296
CHR4	13994628	CHR4:13994628	SSF x LoA	-9,454	0,014	0,300
CHR4	13994773	CHR4:13994773	SSF x LoA	-9,246	0,024	0,285
CHR4	13994844	CHR4:13994844	SSF x LoA	-9,625	0,126	0,279
CHR4	14021294	CHR4:14021294	SSF x LoA	-9,500	-0,059	0,282
CHR4	14021337	CHR4:14021337	SSF x LoA	-8,964	0,021	0,298
CHR4	14021376	CHR4:14021376	SSF x LoA	-9,984	-0,091	0,275
CHR4	14021467	CHR4:14021467	SSF x LoA	-9,350	-0,094	0,290
CHR4	14021473	CHR4:14021473	SSF x LoA	-4,351	-0,057	0,300
CHR4	1407525	CHR4:1407525	SSF x LoA	-8,344	0,063	0,297
CHR4	14089560	CHR4:14089560	SSF x LoA	-2,744	-0,166	0,277
CHR4	14089571	CHR4:14089571	SSF x LoA	-5,709	-0,090	0,287
CHR4	14089581	CHR4:14089581	SSF x LoA	-5,085	-0,175	0,290
CHR4	14089595	CHR4:14089595	SSF x LoA	-6,540	0,196	0,270
CHR4	14089650	CHR4:14089650	SSF x LoA	-7,616	-0,092	0,288
CHR4	14094135	CHR4:14094135	SSF x LoA	-10,044	-0,054	0,299
CHR4	14103389	CHR4:14103389	SSF x LoA	-9,388	0,046	0,280
CHR4	14125342	CHR4:14125342	SSF x LoA	-8,520	-0,067	0,284
CHR4	14125445	CHR4:14125445	SSF x LoA	-8,053	0,141	0,287
CHR4	14133218	CHR4:14133218	SSF x LoA	-8,232	0,070	0,288
CHR4	14133268	CHR4:14133268	SSF x LoA	-8,953	0,185	0,286
CHR4	14133489	CHR4:14133489	SSF x LoA	-7,243	0,127	0,274
CHR4	14133598	CHR4:14133598	SSF x LoA	-11,190	0,080	0,288
CHR4	14135363	CHR4:14135363	SSF x LoA	-6,884	-0,049	0,289
CHR4	14153922	CHR4:14153922	SSF x LoA	-7,971	-0,057	0,298
CHR4	1415399	CHR4:1415399	SSF x LoA	-10,196	0,024	0,300
CHR4	14156386	CHR4:14156386	SSF x LoA	-9,814	-0,060	0,282
CHR4	14166932	CHR4:14166932	SSF x LoA	-9,945	0,040	0,290
CHR4	14167149	CHR4:14167149	SSF x LoA	-9,650	0,044	0,275
CHR4	14169010	CHR4:14169010	SSF x LoA	4,764	-0,128	0,295
CHR4	14169069	CHR4:14169069	SSF x LoA	-10,310	0,012	0,278
CHR4	14178298	CHR4:14178298	SSF x LoA	-10,384	0,032	0,290
CHR4	14178321	CHR4:14178321	SSF x LoA	-9,269	0,099	0,305
CHR4	14178431	CHR4:14178431	SSF x LoA	-8,054	0,070	0,287
CHR4	14178539	CHR4:14178539	SSF x LoA	-11,235	0,046	0,277
CHR4	14186158	CHR4:14186158	SSF x LoA	-7,340	-0,105	0,286
CHR4	14190683	CHR4:14190683	SSF x LoA	-7,211	-0,006	0,292
CHR4	14190723	CHR4:14190723	SSF x LoA	-10,496	-0,067	0,300
CHR4	14191009	CHR4:14191009	SSF x LoA	-8,567	0,177	0,283
CHR4	14191012	CHR4:14191012	SSF x LoA	-7,400	0,069	0,289
CHR4	14191046	CHR4:14191046	SSF x LoA	-10,900	0,068	0,292
CHR4	14199388	CHR4:14199388	SSF x LoA	-8,268	-0,045	0,287
CHR4	14199486	CHR4:14199486	SSF x LoA	-7,483	-0,197	0,288

CHR4	14216164	CHR4:14216164	SSF x LoA	-10,119	0,007	0,292
CHR4	14219697	CHR4:14219697	SSF x LoA	-11,501	0,029	0,302
CHR4	14219709	CHR4:14219709	SSF x LoA	-8,977	0,130	0,271
CHR4	14219747	CHR4:14219747	SSF x LoA	-10,495	-0,041	0,285
CHR4	14219917	CHR4:14219917	SSF x LoA	-8,211	0,079	0,289
CHR4	14219921	CHR4:14219921	SSF x LoA	-6,807	0,107	0,291
CHR4	14224597	CHR4:14224597	SSF x LoA	-8,313	-0,153	0,275
CHR4	14224656	CHR4:14224656	SSF x LoA	-10,867	0,042	0,289
CHR4	14224685	CHR4:14224685	SSF x LoA	-7,552	0,055	0,295
CHR4	14224689	CHR4:14224689	SSF x LoA	-8,996	0,133	0,296
CHR4	14237265	CHR4:14237265	SSF x LoA	-8,523	0,079	0,290
CHR4	14237314	CHR4:14237314	SSF x LoA	-8,921	0,076	0,299
CHR4	14238820	CHR4:14238820	SSF x LoA	-8,180	-0,106	0,288
CHR4	14241266	CHR4:14241266	SSF x LoA	-6,639	0,157	0,283
CHR4	1425763	CHR4:1425763	SSF x LoA	-6,811	0,151	0,284
CHR4	1425764	CHR4:1425764	SSF x LoA	-6,408	0,121	0,280
CHR4	1425807	CHR4:1425807	SSF x LoA	-10,270	-0,027	0,282
CHR4	1426160	CHR4:1426160	SSF x LoA	-6,162	0,150	0,276
CHR4	14281560	CHR4:14281560	SSF x LoA	-7,625	-0,038	0,306
CHR4	14281572	CHR4:14281572	SSF x LoA	-8,861	-0,002	0,310
CHR4	14281702	CHR4:14281702	SSF x LoA	-8,529	-0,075	0,286
CHR4	14281706	CHR4:14281706	SSF x LoA	-8,463	0,006	0,302
CHR4	14288198	CHR4:14288198	SSF x LoA	-10,768	0,042	0,296
CHR4	14288210	CHR4:14288210	SSF x LoA	-8,840	-0,022	0,284
CHR4	14293352	CHR4:14293352	SSF x LoA	-8,884	-0,067	0,278
CHR4	14293354	CHR4:14293354	SSF x LoA	-9,277	0,018	0,302
CHR4	14297329	CHR4:14297329	SSF x LoA	-7,722	-0,143	0,287
CHR4	14297337	CHR4:14297337	SSF x LoA	-8,843	0,025	0,297
CHR4	14297346	CHR4:14297346	SSF x LoA	-9,945	-0,011	0,290
CHR4	14297350	CHR4:14297350	SSF x LoA	-7,795	0,049	0,279
CHR4	14300246	CHR4:14300246	SSF x LoA	-9,593	0,048	0,282
CHR4	14312033	CHR4:14312033	SSF x LoA	-8,106	0,112	0,282
CHR4	14312038	CHR4:14312038	SSF x LoA	-8,679	0,041	0,296
CHR4	14312347	CHR4:14312347	SSF x LoA	-8,758	0,005	0,287
CHR4	1432203	CHR4:1432203	SSF x LoA	-5,767	0,137	0,289
CHR4	1432301	CHR4:1432301	SSF x LoA	-8,493	0,128	0,289
CHR4	1432387	CHR4:1432387	SSF x LoA	-5,725	-0,143	0,302
CHR4	14326725	CHR4:14326725	SSF x LoA	-8,317	0,023	0,272
CHR4	14326832	CHR4:14326832	SSF x LoA	-10,724	0,037	0,280
CHR4	14326864	CHR4:14326864	SSF x LoA	-6,642	-0,131	0,300
CHR4	14331974	CHR4:14331974	SSF x LoA	1,956	-0,086	0,293
CHR4	14332206	CHR4:14332206	SSF x LoA	-9,540	0,001	0,298
CHR4	14332295	CHR4:14332295	SSF x LoA	3,874	0,155	0,297
CHR4	14332299	CHR4:14332299	SSF x LoA	-8,343	0,036	0,293
CHR4	14335846	CHR4:14335846	SSF x LoA	-8,778	0,131	0,283
CHR4	14335885	CHR4:14335885	SSF x LoA	-8,643	-0,023	0,271
CHR4	14335943	CHR4:14335943	SSF x LoA	-7,837	-0,032	0,301
CHR4	14339679	CHR4:14339679	SSF x LoA	-10,789	0,052	0,287
CHR4	14339927	CHR4:14339927	SSF x LoA	-4,376	-0,178	0,286
CHR4	14359288	CHR4:14359288	SSF x LoA	-10,369	0,024	0,291
CHR4	14359305	CHR4:14359305	SSF x LoA	-7,955	-0,014	0,289
CHR4	14359719	CHR4:14359719	SSF x LoA	-7,892	0,000	0,303
CHR4	14368090	CHR4:14368090	SSF x LoA	-8,339	0,039	0,302

CHR4	14373662	CHR4:14373662	SSF x LoA	-10,219	0,101	0,293
CHR4	14373731	CHR4:14373731	SSF x LoA	-10,479	0,026	0,287
CHR4	14385721	CHR4:14385721	SSF x LoA	-11,482	-0,020	0,285
CHR4	14385745	CHR4:14385745	SSF x LoA	-7,476	0,034	0,299
CHR4	14385750	CHR4:14385750	SSF x LoA	-8,958	0,024	0,295
CHR4	14385787	CHR4:14385787	SSF x LoA	-8,890	0,003	0,303
CHR4	14385817	CHR4:14385817	SSF x LoA	-9,389	-0,002	0,283
CHR4	14402112	CHR4:14402112	SSF x LoA	-7,907	-0,085	0,301
CHR4	14402133	CHR4:14402133	SSF x LoA	-8,756	0,092	0,303
CHR4	14402223	CHR4:14402223	SSF x LoA	-8,970	-0,103	0,289
CHR4	14402276	CHR4:14402276	SSF x LoA	-9,297	-0,001	0,303
CHR4	14402336	CHR4:14402336	SSF x LoA	-9,425	-0,084	0,290
CHR4	14402496	CHR4:14402496	SSF x LoA	-9,577	-0,092	0,287
CHR4	14421051	CHR4:14421051	SSF x LoA	-7,385	-0,130	0,287
CHR4	14421244	CHR4:14421244	SSF x LoA	-2,308	-0,097	0,271
CHR4	14421284	CHR4:14421284	SSF x LoA	-8,083	0,037	0,292
CHR4	14425755	CHR4:14425755	SSF x LoA	-9,743	-0,012	0,289
CHR4	14425810	CHR4:14425810	SSF x LoA	-10,970	0,012	0,287
CHR4	14425921	CHR4:14425921	SSF x LoA	-6,798	0,128	0,291
CHR4	14432797	CHR4:14432797	SSF x LoA	-8,213	0,024	0,291
CHR4	14432915	CHR4:14432915	SSF x LoA	-7,516	-0,109	0,293
CHR4	14432919	CHR4:14432919	SSF x LoA	-9,279	0,057	0,288
CHR4	14433772	CHR4:14433772	SSF x LoA	-5,057	0,062	0,298
CHR4	14442671	CHR4:14442671	SSF x LoA	-8,095	0,057	0,297
CHR4	14442678	CHR4:14442678	SSF x LoA	-8,523	0,090	0,282
CHR4	14442691	CHR4:14442691	SSF x LoA	-6,273	0,114	0,295
CHR4	14442695	CHR4:14442695	SSF x LoA	-6,459	0,094	0,300
CHR4	14442798	CHR4:14442798	SSF x LoA	-8,742	0,069	0,290
CHR4	14442841	CHR4:14442841	SSF x LoA	-7,366	0,167	0,292
CHR4	14442918	CHR4:14442918	SSF x LoA	-8,555	-0,013	0,291
CHR4	14442994	CHR4:14442994	SSF x LoA	-9,271	0,042	0,294
CHR4	14470854	CHR4:14470854	SSF x LoA	-9,704	-0,095	0,276
CHR4	14470972	CHR4:14470972	SSF x LoA	-10,901	-0,083	0,283
CHR4	14488268	CHR4:14488268	SSF x LoA	-6,289	-0,085	0,292
CHR4	14489435	CHR4:14489435	SSF x LoA	-8,992	-0,017	0,293
CHR4	14489450	CHR4:14489450	SSF x LoA	-8,941	-0,010	0,287
CHR4	14509356	CHR4:14509356	SSF x LoA	-9,695	-0,154	0,279
CHR4	14509360	CHR4:14509360	SSF x LoA	-5,703	-0,093	0,293
CHR4	14509411	CHR4:14509411	SSF x LoA	-7,960	-0,071	0,296
CHR4	14528693	CHR4:14528693	SSF x LoA	-8,747	0,098	0,297
CHR4	14528905	CHR4:14528905	SSF x LoA	-11,112	-0,055	0,283
CHR4	14529018	CHR4:14529018	SSF x LoA	-9,837	0,074	0,287
CHR4	14529083	CHR4:14529083	SSF x LoA	-7,103	-0,070	0,291
CHR4	14541077	CHR4:14541077	SSF x LoA	-8,843	0,041	0,284
CHR4	14546220	CHR4:14546220	SSF x LoA	-5,862	0,103	0,291
CHR4	14546294	CHR4:14546294	SSF x LoA	-6,726	0,138	0,303
CHR4	14546507	CHR4:14546507	SSF x LoA	-9,387	-0,104	0,290
CHR4	14546561	CHR4:14546561	SSF x LoA	1,014	0,078	0,291
CHR4	14546628	CHR4:14546628	SSF x LoA	-10,250	-0,027	0,272
CHR4	14546629	CHR4:14546629	SSF x LoA	-4,463	0,091	0,297
CHR4	14546635	CHR4:14546635	SSF x LoA	-6,389	0,046	0,294
CHR4	14546675	CHR4:14546675	SSF x LoA	-6,869	0,077	0,302
CHR4	14560899	CHR4:14560899	SSF x LoA	-7,507	0,063	0,299

CHR4	14561020	CHR4:14561020	SSF x LoA	-9,229	0,002	0,290
CHR4	14561042	CHR4:14561042	SSF x LoA	-9,988	-0,076	0,282
CHR4	14561065	CHR4:14561065	SSF x LoA	-8,411	0,036	0,298
CHR4	14564925	CHR4:14564925	SSF x LoA	-8,459	0,094	0,295
CHR4	14564973	CHR4:14564973	SSF x LoA	-8,303	-0,073	0,294
CHR4	14564976	CHR4:14564976	SSF x LoA	-5,327	-0,181	0,277
CHR4	14564997	CHR4:14564997	SSF x LoA	-6,663	0,177	0,280
CHR4	14565020	CHR4:14565020	SSF x LoA	-7,230	-0,114	0,299
CHR4	14565078	CHR4:14565078	SSF x LoA	-9,413	0,021	0,283
CHR4	14569213	CHR4:14569213	SSF x LoA	-7,465	0,046	0,302
CHR4	14569216	CHR4:14569216	SSF x LoA	-9,776	0,058	0,295
CHR4	14569218	CHR4:14569218	SSF x LoA	-9,078	0,039	0,300
CHR4	14569319	CHR4:14569319	SSF x LoA	-10,312	0,026	0,308
CHR4	14574909	CHR4:14574909	SSF x LoA	-8,092	0,040	0,272
CHR4	14574947	CHR4:14574947	SSF x LoA	-10,476	0,028	0,269
CHR4	14574950	CHR4:14574950	SSF x LoA	-7,662	0,047	0,291
CHR4	14593005	CHR4:14593005	SSF x LoA	-9,078	-0,023	0,285
CHR4	14593068	CHR4:14593068	SSF x LoA	-9,608	-0,027	0,294
CHR4	14593074	CHR4:14593074	SSF x LoA	-6,076	-0,034	0,284
CHR4	14613920	CHR4:14613920	SSF x LoA	-8,640	0,002	0,302
CHR4	14614010	CHR4:14614010	SSF x LoA	-10,535	0,044	0,295
CHR4	14614111	CHR4:14614111	SSF x LoA	-9,278	0,010	0,279
CHR4	14614181	CHR4:14614181	SSF x LoA	-4,576	0,036	0,278
CHR4	14614277	CHR4:14614277	SSF x LoA	-8,970	0,041	0,291
CHR4	14625045	CHR4:14625045	SSF x LoA	-8,070	0,019	0,284
CHR4	14625188	CHR4:14625188	SSF x LoA	-10,433	0,052	0,286
CHR4	14629907	CHR4:14629907	SSF x LoA	-8,227	0,111	0,305
CHR4	14630160	CHR4:14630160	SSF x LoA	-6,948	-0,088	0,297
CHR4	14630166	CHR4:14630166	SSF x LoA	-10,371	-0,119	0,278
CHR4	14644848	CHR4:14644848	SSF x LoA	-11,025	0,069	0,295
CHR4	14645066	CHR4:14645066	SSF x LoA	-10,554	-0,035	0,291
CHR4	14645185	CHR4:14645185	SSF x LoA	-7,292	0,003	0,290
CHR4	14652994	CHR4:14652994	SSF x LoA	-11,291	-0,022	0,286
CHR4	14653025	CHR4:14653025	SSF x LoA	-8,216	0,136	0,286
CHR4	14653042	CHR4:14653042	SSF x LoA	-8,736	-0,001	0,299
CHR4	14653075	CHR4:14653075	SSF x LoA	-7,857	0,088	0,285
CHR4	14660314	CHR4:14660314	SSF x LoA	-10,770	-0,119	0,280
CHR4	14660318	CHR4:14660318	SSF x LoA	-9,229	-0,155	0,277
CHR4	14660323	CHR4:14660323	SSF x LoA	-8,262	0,108	0,278
CHR4	14660430	CHR4:14660430	SSF x LoA	-9,793	0,027	0,305
CHR4	14682763	CHR4:14682763	SSF x LoA	-7,994	-0,055	0,299
CHR4	14683801	CHR4:14683801	SSF x LoA	-11,982	0,012	0,285
CHR4	14683894	CHR4:14683894	SSF x LoA	-8,604	-0,080	0,285
CHR4	14708298	CHR4:14708298	SSF x LoA	-8,033	-0,064	0,276
CHR4	14708370	CHR4:14708370	SSF x LoA	-8,742	0,051	0,307
CHR4	14725049	CHR4:14725049	SSF x LoA	-10,949	0,042	0,286
CHR4	14738228	CHR4:14738228	SSF x LoA	-6,378	-0,065	0,281
CHR4	14738254	CHR4:14738254	SSF x LoA	-8,494	-0,008	0,292
CHR4	14738313	CHR4:14738313	SSF x LoA	-8,384	0,119	0,296
CHR4	14738566	CHR4:14738566	SSF x LoA	-5,161	0,120	0,290
CHR4	14741698	CHR4:14741698	SSF x LoA	-8,287	-0,106	0,285
CHR4	14742879	CHR4:14742879	SSF x LoA	-10,723	-0,054	0,289
CHR4	14745561	CHR4:14745561	SSF x LoA	-10,587	0,084	0,279

CHR4	14745625	CHR4:14745625	SSF x LoA	-6,500	0,116	0,279
CHR4	14748144	CHR4:14748144	SSF x LoA	-10,156	-0,087	0,291
CHR4	14748162	CHR4:14748162	SSF x LoA	-7,147	-0,027	0,299
CHR4	14777917	CHR4:14777917	SSF x LoA	-8,413	-0,045	0,298
CHR4	14777926	CHR4:14777926	SSF x LoA	-8,712	-0,056	0,298
CHR4	14777969	CHR4:14777969	SSF x LoA	-6,300	0,002	0,284
CHR4	14778029	CHR4:14778029	SSF x LoA	-7,495	-0,081	0,286
CHR4	14778698	CHR4:14778698	SSF x LoA	-10,302	-0,024	0,274
CHR4	14778735	CHR4:14778735	SSF x LoA	-7,833	-0,113	0,292
CHR4	14783380	CHR4:14783380	SSF x LoA	-9,484	-0,059	0,280
CHR4	14783542	CHR4:14783542	SSF x LoA	-8,650	0,026	0,288
CHR4	14788805	CHR4:14788805	SSF x LoA	-10,222	-0,095	0,274
CHR4	14789060	CHR4:14789060	SSF x LoA	-10,776	0,026	0,288
CHR4	14789080	CHR4:14789080	SSF x LoA	-9,722	0,033	0,294
CHR4	1479136	CHR4:1479136	SSF x LoA	-9,340	-0,071	0,278
CHR4	1479171	CHR4:1479171	SSF x LoA	-9,072	-0,118	0,284
CHR4	1479178	CHR4:1479178	SSF x LoA	-5,567	-0,123	0,289
CHR4	14810233	CHR4:14810233	SSF x LoA	-7,622	-0,132	0,291
CHR4	14810237	CHR4:14810237	SSF x LoA	-8,280	-0,094	0,293
CHR4	14810239	CHR4:14810239	SSF x LoA	-6,156	-0,118	0,301
CHR4	14810293	CHR4:14810293	SSF x LoA	-8,410	0,098	0,286
CHR4	14810314	CHR4:14810314	SSF x LoA	-9,415	-0,014	0,298
CHR4	14820401	CHR4:14820401	SSF x LoA	-10,976	0,032	0,299
CHR4	14820542	CHR4:14820542	SSF x LoA	-8,901	-0,189	0,277
CHR4	14820572	CHR4:14820572	SSF x LoA	-8,916	0,051	0,281
CHR4	14820591	CHR4:14820591	SSF x LoA	-7,982	0,080	0,289
CHR4	14830321	CHR4:14830321	SSF x LoA	-7,962	-0,070	0,282
CHR4	14830517	CHR4:14830517	SSF x LoA	-8,385	0,077	0,277
CHR4	14846751	CHR4:14846751	SSF x LoA	-8,582	0,047	0,285
CHR4	14846854	CHR4:14846854	SSF x LoA	-8,924	0,015	0,286
CHR4	14848560	CHR4:14848560	SSF x LoA	-8,607	0,036	0,315
CHR4	14848584	CHR4:14848584	SSF x LoA	-6,592	0,103	0,296
CHR4	14848671	CHR4:14848671	SSF x LoA	-1,187	0,244	0,275
CHR4	14848679	CHR4:14848679	SSF x LoA	-9,333	0,061	0,303
CHR4	14848697	CHR4:14848697	SSF x LoA	-10,019	0,059	0,286
CHR4	14848740	CHR4:14848740	SSF x LoA	-6,237	0,198	0,275
CHR4	14852704	CHR4:14852704	SSF x LoA	-7,433	-0,085	0,277
CHR4	14852706	CHR4:14852706	SSF x LoA	-9,014	-0,019	0,282
CHR4	14852717	CHR4:14852717	SSF x LoA	-7,473	-0,011	0,281
CHR4	14852721	CHR4:14852721	SSF x LoA	-7,831	-0,062	0,274
CHR4	14852754	CHR4:14852754	SSF x LoA	-10,161	0,076	0,281
CHR4	14870361	CHR4:14870361	SSF x LoA	-9,084	0,019	0,303
CHR4	14870385	CHR4:14870385	SSF x LoA	-10,440	0,022	0,307
CHR4	14870416	CHR4:14870416	SSF x LoA	-9,601	0,050	0,306
CHR4	14870419	CHR4:14870419	SSF x LoA	-7,680	0,014	0,292
CHR4	14870442	CHR4:14870442	SSF x LoA	-10,340	0,012	0,304
CHR4	14870515	CHR4:14870515	SSF x LoA	-7,677	-0,065	0,299
CHR4	14870540	CHR4:14870540	SSF x LoA	-6,592	-0,066	0,294
CHR4	14870580	CHR4:14870580	SSF x LoA	-7,827	0,092	0,290
CHR4	14870634	CHR4:14870634	SSF x LoA	-8,525	-0,050	0,306
CHR4	14870649	CHR4:14870649	SSF x LoA	-6,192	-0,063	0,309
CHR4	14891704	CHR4:14891704	SSF x LoA	-9,436	-0,015	0,285
CHR4	14891781	CHR4:14891781	SSF x LoA	-6,059	0,022	0,283

CHR4	14891901	CHR4:14891901	SSF x LoA	-10,641	-0,025	0,295
CHR4	14893606	CHR4:14893606	SSF x LoA	-8,995	0,069	0,294
CHR4	14925570	CHR4:14925570	SSF x LoA	-9,209	0,079	0,278
CHR4	14925867	CHR4:14925867	SSF x LoA	-11,016	-0,075	0,294
CHR4	14925904	CHR4:14925904	SSF x LoA	-6,929	0,167	0,285
CHR4	14932100	CHR4:14932100	SSF x LoA	-4,361	0,190	0,279
CHR4	14932131	CHR4:14932131	SSF x LoA	-9,039	0,025	0,304
CHR4	14932235	CHR4:14932235	SSF x LoA	-9,902	-0,110	0,289
CHR4	14932338	CHR4:14932338	SSF x LoA	-9,165	0,056	0,297
CHR4	14932364	CHR4:14932364	SSF x LoA	-2,177	0,167	0,288
CHR4	14940458	CHR4:14940458	SSF x LoA	-7,502	-0,101	0,284
CHR4	14940552	CHR4:14940552	SSF x LoA	-8,363	0,119	0,291
CHR4	14940607	CHR4:14940607	SSF x LoA	-7,982	-0,067	0,284
CHR4	14940610	CHR4:14940610	SSF x LoA	-8,666	0,010	0,288
CHR4	14940721	CHR4:14940721	SSF x LoA	-8,095	0,065	0,308
CHR4	14950036	CHR4:14950036	SSF x LoA	-1,985	-0,269	0,262
CHR4	14950057	CHR4:14950057	SSF x LoA	-9,568	0,075	0,291
CHR4	14950075	CHR4:14950075	SSF x LoA	-8,886	0,059	0,296
CHR4	14952871	CHR4:14952871	SSF x LoA	-9,949	0,108	0,273
CHR4	14952934	CHR4:14952934	SSF x LoA	-6,744	0,128	0,298
CHR4	14952936	CHR4:14952936	SSF x LoA	-7,610	-0,018	0,295
CHR4	14953103	CHR4:14953103	SSF x LoA	-5,460	-0,055	0,307
CHR4	14963680	CHR4:14963680	SSF x LoA	-0,781	-0,159	0,280
CHR4	14963725	CHR4:14963725	SSF x LoA	-4,183	-0,082	0,287
CHR4	14963826	CHR4:14963826	SSF x LoA	-8,783	-0,047	0,302
CHR4	14963831	CHR4:14963831	SSF x LoA	-6,553	-0,043	0,295
CHR4	14968525	CHR4:14968525	SSF x LoA	-7,715	-0,021	0,304
CHR4	14968531	CHR4:14968531	SSF x LoA	-9,061	-0,065	0,300
CHR4	14994932	CHR4:14994932	SSF x LoA	-10,757	-0,027	0,288
CHR4	14994967	CHR4:14994967	SSF x LoA	-7,954	-0,081	0,281
CHR4	14996620	CHR4:14996620	SSF x LoA	-5,079	0,214	0,286
CHR4	14996859	CHR4:14996859	SSF x LoA	-8,969	0,103	0,283
CHR4	14996911	CHR4:14996911	SSF x LoA	-1,337	0,228	0,269
CHR4	14996963	CHR4:14996963	SSF x LoA	-0,598	0,226	0,280
CHR4	15015062	CHR4:15015062	SSF x LoA	-8,553	0,055	0,297
CHR4	15015106	CHR4:15015106	SSF x LoA	-10,179	-0,132	0,275
CHR4	15015497	CHR4:15015497	SSF x LoA	-10,709	-0,003	0,294
CHR4	1501642	CHR4:1501642	SSF x LoA	-8,375	-0,097	0,293
CHR4	1501665	CHR4:1501665	SSF x LoA	-10,627	0,072	0,291
CHR4	1501734	CHR4:1501734	SSF x LoA	-9,075	-0,065	0,294
CHR4	1501748	CHR4:1501748	SSF x LoA	-10,619	-0,074	0,300
CHR4	1501810	CHR4:1501810	SSF x LoA	-5,258	0,001	0,298
CHR4	1501828	CHR4:1501828	SSF x LoA	-10,343	0,013	0,283
CHR4	1501868	CHR4:1501868	SSF x LoA	-5,376	-0,134	0,283
CHR4	15021445	CHR4:15021445	SSF x LoA	-7,274	-0,139	0,272
CHR4	15021752	CHR4:15021752	SSF x LoA	-8,701	-0,010	0,284
CHR4	15042630	CHR4:15042630	SSF x LoA	-9,820	-0,027	0,295
CHR4	15042857	CHR4:15042857	SSF x LoA	-11,003	0,025	0,294
CHR4	15054719	CHR4:15054719	SSF x LoA	-10,707	0,018	0,295
CHR4	15054821	CHR4:15054821	SSF x LoA	-11,826	0,047	0,279
CHR4	15054851	CHR4:15054851	SSF x LoA	-10,331	0,026	0,292
CHR4	15054866	CHR4:15054866	SSF x LoA	-7,946	0,128	0,275
CHR4	15057487	CHR4:15057487	SSF x LoA	-9,956	-0,043	0,296

CHR4	15060360	CHR4:15060360	SSF x LoA	-10,189	0,006	0,289
CHR4	15060678	CHR4:15060678	SSF x LoA	-8,867	-0,005	0,291
CHR4	15087880	CHR4:15087880	SSF x LoA	-9,249	0,110	0,294
CHR4	15087924	CHR4:15087924	SSF x LoA	-9,886	0,042	0,287
CHR4	15087925	CHR4:15087925	SSF x LoA	-10,278	0,021	0,293
CHR4	15087939	CHR4:15087939	SSF x LoA	-4,543	0,209	0,270
CHR4	15087945	CHR4:15087945	SSF x LoA	-5,104	0,144	0,289
CHR4	15088046	CHR4:15088046	SSF x LoA	-8,538	-0,091	0,289
CHR4	15088103	CHR4:15088103	SSF x LoA	-8,978	-0,072	0,279
CHR4	15088175	CHR4:15088175	SSF x LoA	-10,092	0,068	0,294
CHR4	15094998	CHR4:15094998	SSF x LoA	-7,361	0,040	0,299
CHR4	15095012	CHR4:15095012	SSF x LoA	-9,376	0,023	0,301
CHR4	15095023	CHR4:15095023	SSF x LoA	-9,110	0,022	0,290
CHR4	15095035	CHR4:15095035	SSF x LoA	-8,932	-0,040	0,296
CHR4	15095039	CHR4:15095039	SSF x LoA	-11,006	0,026	0,296
CHR4	15095070	CHR4:15095070	SSF x LoA	-8,902	0,033	0,297
CHR4	15097114	CHR4:15097114	SSF x LoA	-7,101	0,054	0,296
CHR4	15097182	CHR4:15097182	SSF x LoA	-10,507	0,073	0,287
CHR4	15121740	CHR4:15121740	SSF x LoA	-8,309	-0,033	0,291
CHR4	15124805	CHR4:15124805	SSF x LoA	-6,905	0,157	0,284
CHR4	15124841	CHR4:15124841	SSF x LoA	-4,749	-0,185	0,277
CHR4	15125033	CHR4:15125033	SSF x LoA	-11,450	-0,113	0,276
CHR4	15125153	CHR4:15125153	SSF x LoA	-6,771	0,058	0,285
CHR4	15131123	CHR4:15131123	SSF x LoA	-10,368	-0,008	0,294
CHR4	15131127	CHR4:15131127	SSF x LoA	-10,897	0,041	0,282
CHR4	1513214	CHR4:1513214	SSF x LoA	-10,307	-0,092	0,281
CHR4	1513224	CHR4:1513224	SSF x LoA	-7,998	0,030	0,283
CHR4	1513274	CHR4:1513274	SSF x LoA	-9,724	-0,057	0,275
CHR4	1513375	CHR4:1513375	SSF x LoA	-9,587	0,030	0,299
CHR4	1513388	CHR4:1513388	SSF x LoA	-11,399	0,040	0,282
CHR4	15134108	CHR4:15134108	SSF x LoA	-8,387	-0,009	0,290
CHR4	15134185	CHR4:15134185	SSF x LoA	-10,000	0,122	0,285
CHR4	15134186	CHR4:15134186	SSF x LoA	-10,261	-0,010	0,280
CHR4	15139663	CHR4:15139663	SSF x LoA	-11,078	-0,001	0,281
CHR4	15139686	CHR4:15139686	SSF x LoA	-10,312	0,051	0,295
CHR4	15139950	CHR4:15139950	SSF x LoA	-5,195	0,132	0,298
CHR4	15139977	CHR4:15139977	SSF x LoA	-8,829	0,116	0,272
CHR4	15140031	CHR4:15140031	SSF x LoA	-8,393	0,030	0,303
CHR4	15140182	CHR4:15140182	SSF x LoA	-6,583	-0,135	0,261
CHR4	15151714	CHR4:15151714	SSF x LoA	-9,866	0,072	0,301
CHR4	15158628	CHR4:15158628	SSF x LoA	-9,762	-0,066	0,288
CHR4	15158636	CHR4:15158636	SSF x LoA	-10,287	-0,069	0,277
CHR4	15158704	CHR4:15158704	SSF x LoA	-9,322	0,106	0,293
CHR4	15158710	CHR4:15158710	SSF x LoA	-10,111	-0,039	0,289
CHR4	15163526	CHR4:15163526	SSF x LoA	-9,511	0,132	0,283
CHR4	15163533	CHR4:15163533	SSF x LoA	-8,975	-0,134	0,299
CHR4	15163759	CHR4:15163759	SSF x LoA	-7,969	0,112	0,296
CHR4	15163762	CHR4:15163762	SSF x LoA	-7,858	0,145	0,278
CHR4	1516874	CHR4:1516874	SSF x LoA	-7,791	0,057	0,297
CHR4	1516889	CHR4:1516889	SSF x LoA	-8,259	0,140	0,281
CHR4	1516893	CHR4:1516893	SSF x LoA	-9,100	0,016	0,298
CHR4	1516940	CHR4:1516940	SSF x LoA	-7,601	-0,077	0,290
CHR4	1516946	CHR4:1516946	SSF x LoA	-5,026	-0,004	0,306

CHR4	15176105	CHR4:15176105	SSF x LoA	-10,302	-0,093	0,288
CHR4	15181572	CHR4:15181572	SSF x LoA	-10,048	-0,048	0,297
CHR4	15181715	CHR4:15181715	SSF x LoA	-9,476	-0,030	0,283
CHR4	15181748	CHR4:15181748	SSF x LoA	-9,186	-0,037	0,278
CHR4	15182037	CHR4:15182037	SSF x LoA	-8,612	-0,053	0,283
CHR4	15189030	CHR4:15189030	SSF x LoA	-11,047	-0,063	0,296
CHR4	15189192	CHR4:15189192	SSF x LoA	-4,720	-0,072	0,282
CHR4	15189247	CHR4:15189247	SSF x LoA	-10,361	-0,061	0,284
CHR4	15189337	CHR4:15189337	SSF x LoA	-9,800	0,018	0,294
CHR4	15197757	CHR4:15197757	SSF x LoA	-6,255	0,167	0,298
CHR4	15197817	CHR4:15197817	SSF x LoA	-7,957	0,072	0,287
CHR4	15197932	CHR4:15197932	SSF x LoA	-9,882	0,045	0,289
CHR4	15197936	CHR4:15197936	SSF x LoA	-7,335	-0,180	0,278
CHR4	15198100	CHR4:15198100	SSF x LoA	-7,759	-0,001	0,297
CHR4	15198102	CHR4:15198102	SSF x LoA	-8,440	0,070	0,298
CHR4	15203838	CHR4:15203838	SSF x LoA	-6,077	-0,138	0,279
CHR4	15223742	CHR4:15223742	SSF x LoA	-7,260	0,083	0,289
CHR4	15224141	CHR4:15224141	SSF x LoA	-7,800	-0,116	0,282
CHR4	15229075	CHR4:15229075	SSF x LoA	-9,062	0,100	0,285
CHR4	15233191	CHR4:15233191	SSF x LoA	-6,313	-0,088	0,283
CHR4	15233222	CHR4:15233222	SSF x LoA	-11,556	-0,062	0,290
CHR4	15239558	CHR4:15239558	SSF x LoA	-11,245	-0,076	0,284
CHR4	15251558	CHR4:15251558	SSF x LoA	-9,739	0,109	0,284
CHR4	15279445	CHR4:15279445	SSF x LoA	-5,713	0,047	0,294
CHR4	15279698	CHR4:15279698	SSF x LoA	-10,889	-0,012	0,280
CHR4	15368060	CHR4:15368060	SSF x LoA	-7,479	-0,002	0,296
CHR4	15368107	CHR4:15368107	SSF x LoA	-8,376	-0,095	0,301
CHR4	15395417	CHR4:15395417	SSF x LoA	-7,584	-0,134	0,290
CHR4	15410225	CHR4:15410225	SSF x LoA	-8,376	-0,103	0,300
CHR4	15410248	CHR4:15410248	SSF x LoA	-8,678	-0,087	0,307
CHR4	15410291	CHR4:15410291	SSF x LoA	-8,653	0,046	0,300
CHR4	15422657	CHR4:15422657	SSF x LoA	-8,896	-0,018	0,283
CHR4	15423269	CHR4:15423269	SSF x LoA	-10,176	-0,059	0,296
CHR4	15428934	CHR4:15428934	SSF x LoA	-7,304	0,151	0,286
CHR4	15428936	CHR4:15428936	SSF x LoA	-8,422	-0,026	0,296
CHR4	15428939	CHR4:15428939	SSF x LoA	-6,333	-0,174	0,286
CHR4	15429039	CHR4:15429039	SSF x LoA	-10,227	0,023	0,288
CHR4	15429171	CHR4:15429171	SSF x LoA	-9,062	-0,032	0,296
CHR4	15444756	CHR4:15444756	SSF x LoA	-11,285	-0,047	0,284
CHR4	15445007	CHR4:15445007	SSF x LoA	-8,636	0,109	0,286
CHR4	15447376	CHR4:15447376	SSF x LoA	-4,983	-0,068	0,299
CHR4	15447431	CHR4:15447431	SSF x LoA	-3,089	-0,013	0,286
CHR4	15447453	CHR4:15447453	SSF x LoA	-8,272	-0,076	0,289
CHR4	15447501	CHR4:15447501	SSF x LoA	3,920	-0,148	0,281
CHR4	15447729	CHR4:15447729	SSF x LoA	-5,700	0,118	0,285
CHR4	15452693	CHR4:15452693	SSF x LoA	-2,270	-0,143	0,293
CHR4	15452777	CHR4:15452777	SSF x LoA	-10,783	-0,017	0,295
CHR4	15452912	CHR4:15452912	SSF x LoA	-10,302	-0,082	0,279
CHR4	15452927	CHR4:15452927	SSF x LoA	-6,665	0,014	0,289
CHR4	15453032	CHR4:15453032	SSF x LoA	-7,149	-0,099	0,287
CHR4	15455136	CHR4:15455136	SSF x LoA	-3,855	-0,111	0,293
CHR4	15455302	CHR4:15455302	SSF x LoA	-10,979	0,033	0,299
CHR4	15455318	CHR4:15455318	SSF x LoA	-6,750	-0,008	0,283

CHR4	15486918	CHR4:15486918	SSF x LoA	-8,473	-0,037	0,286
CHR4	15487080	CHR4:15487080	SSF x LoA	-7,555	-0,169	0,292
CHR4	15500320	CHR4:15500320	SSF x LoA	-8,796	-0,050	0,277
CHR4	15500372	CHR4:15500372	SSF x LoA	-6,831	-0,022	0,296
CHR4	15500373	CHR4:15500373	SSF x LoA	-7,785	-0,070	0,300
CHR4	15506903	CHR4:15506903	SSF x LoA	-6,374	0,122	0,287
CHR4	15525772	CHR4:15525772	SSF x LoA	-10,695	0,091	0,276
CHR4	15525821	CHR4:15525821	SSF x LoA	-11,492	0,036	0,287
CHR4	15528500	CHR4:15528500	SSF x LoA	-10,080	-0,051	0,286
CHR4	15528546	CHR4:15528546	SSF x LoA	-8,013	-0,079	0,288
CHR4	15550834	CHR4:15550834	SSF x LoA	-8,709	-0,086	0,284
CHR4	1556285	CHR4:1556285	SSF x LoA	-8,742	-0,029	0,289
CHR4	1556299	CHR4:1556299	SSF x LoA	-8,874	0,001	0,280
CHR4	1556316	CHR4:1556316	SSF x LoA	-9,893	-0,056	0,300
CHR4	1556327	CHR4:1556327	SSF x LoA	-6,765	-0,141	0,299
CHR4	1556364	CHR4:1556364	SSF x LoA	-9,859	0,121	0,280
CHR4	15569891	CHR4:15569891	SSF x LoA	-9,966	-0,104	0,278
CHR4	15583441	CHR4:15583441	SSF x LoA	-10,268	0,074	0,275
CHR4	15583467	CHR4:15583467	SSF x LoA	-8,567	-0,035	0,291
CHR4	15583595	CHR4:15583595	SSF x LoA	-4,779	0,177	0,291
CHR4	15594345	CHR4:15594345	SSF x LoA	-7,770	0,131	0,281
CHR4	15594527	CHR4:15594527	SSF x LoA	-6,589	-0,090	0,291
CHR4	15594670	CHR4:15594670	SSF x LoA	-5,078	0,107	0,275
CHR4	15596541	CHR4:15596541	SSF x LoA	-4,543	-0,040	0,309
CHR4	15596575	CHR4:15596575	SSF x LoA	-10,431	-0,031	0,303
CHR4	15596612	CHR4:15596612	SSF x LoA	-9,598	-0,016	0,291
CHR4	15612702	CHR4:15612702	SSF x LoA	-6,824	0,125	0,287
CHR4	1562460	CHR4:1562460	SSF x LoA	-9,315	0,076	0,278
CHR4	1562468	CHR4:1562468	SSF x LoA	-7,107	-0,178	0,284
CHR4	1562473	CHR4:1562473	SSF x LoA	-7,294	0,065	0,305
CHR4	1562504	CHR4:1562504	SSF x LoA	-8,675	0,049	0,286
CHR4	1562648	CHR4:1562648	SSF x LoA	-6,448	0,170	0,272
CHR4	1562661	CHR4:1562661	SSF x LoA	-7,193	0,134	0,293
CHR4	1565108	CHR4:1565108	SSF x LoA	-8,178	-0,127	0,280
CHR4	15667230	CHR4:15667230	SSF x LoA	-7,206	0,066	0,296
CHR4	15667249	CHR4:15667249	SSF x LoA	-3,106	-0,053	0,292
CHR4	15692063	CHR4:15692063	SSF x LoA	-9,875	0,064	0,280
CHR4	15693144	CHR4:15693144	SSF x LoA	-4,131	0,212	0,284
CHR4	15701068	CHR4:15701068	SSF x LoA	-9,588	0,032	0,288
CHR4	15701096	CHR4:15701096	SSF x LoA	-8,471	-0,006	0,294
CHR4	15749554	CHR4:15749554	SSF x LoA	-10,202	0,011	0,304
CHR4	15757238	CHR4:15757238	SSF x LoA	-4,838	0,019	0,300
CHR4	15757293	CHR4:15757293	SSF x LoA	-10,051	0,038	0,281
CHR4	15757321	CHR4:15757321	SSF x LoA	-9,690	-0,025	0,288
CHR4	15766263	CHR4:15766263	SSF x LoA	-4,769	0,022	0,285
CHR4	15766473	CHR4:15766473	SSF x LoA	-9,712	0,058	0,297
CHR4	15766604	CHR4:15766604	SSF x LoA	-9,944	0,070	0,292
CHR4	15766631	CHR4:15766631	SSF x LoA	-8,723	0,006	0,275
CHR4	15766652	CHR4:15766652	SSF x LoA	-8,089	0,043	0,285
CHR4	15766660	CHR4:15766660	SSF x LoA	-7,646	-0,015	0,280
CHR4	15772743	CHR4:15772743	SSF x LoA	1,909	0,117	0,301
CHR4	15772880	CHR4:15772880	SSF x LoA	-9,711	0,024	0,281
CHR4	15773543	CHR4:15773543	SSF x LoA	-11,052	0,060	0,290

CHR4	15773548	CHR4:15773548	SSF x LoA	-10,893	0,029	0,281
CHR4	15773645	CHR4:15773645	SSF x LoA	-8,277	-0,062	0,291
CHR4	15777020	CHR4:15777020	SSF x LoA	-9,307	0,093	0,285
CHR4	15777113	CHR4:15777113	SSF x LoA	-6,420	0,181	0,274
CHR4	15785069	CHR4:15785069	SSF x LoA	-3,328	0,233	0,275
CHR4	15785901	CHR4:15785901	SSF x LoA	-10,649	-0,026	0,299
CHR4	15792223	CHR4:15792223	SSF x LoA	-7,650	0,003	0,287
CHR4	15792309	CHR4:15792309	SSF x LoA	-6,901	-0,120	0,273
CHR4	15792371	CHR4:15792371	SSF x LoA	-6,618	-0,084	0,292
CHR4	15792437	CHR4:15792437	SSF x LoA	-8,451	0,156	0,286
CHR4	15792438	CHR4:15792438	SSF x LoA	-8,826	0,043	0,301
CHR4	15792459	CHR4:15792459	SSF x LoA	-9,271	0,154	0,283
CHR4	15804115	CHR4:15804115	SSF x LoA	-8,004	0,066	0,285
CHR4	15804135	CHR4:15804135	SSF x LoA	-10,550	-0,056	0,286
CHR4	15804169	CHR4:15804169	SSF x LoA	-7,959	0,056	0,294
CHR4	15804279	CHR4:15804279	SSF x LoA	-9,357	-0,128	0,274
CHR4	15811434	CHR4:15811434	SSF x LoA	-8,743	0,089	0,297
CHR4	15811527	CHR4:15811527	SSF x LoA	-9,777	0,030	0,293
CHR4	15824663	CHR4:15824663	SSF x LoA	-8,878	0,021	0,288
CHR4	15824681	CHR4:15824681	SSF x LoA	-7,191	0,068	0,287
CHR4	15834833	CHR4:15834833	SSF x LoA	-8,866	0,103	0,272
CHR4	15838983	CHR4:15838983	SSF x LoA	-8,554	-0,017	0,296
CHR4	15857338	CHR4:15857338	SSF x LoA	-8,512	0,145	0,274
CHR4	1586163	CHR4:1586163	SSF x LoA	-8,579	-0,034	0,278
CHR4	1586168	CHR4:1586168	SSF x LoA	-6,292	0,154	0,274
CHR4	1586181	CHR4:1586181	SSF x LoA	-6,877	-0,109	0,282
CHR4	1586202	CHR4:1586202	SSF x LoA	-8,849	-0,012	0,309
CHR4	1586213	CHR4:1586213	SSF x LoA	-5,249	0,140	0,290
CHR4	1586217	CHR4:1586217	SSF x LoA	-9,361	0,042	0,302
CHR4	1586259	CHR4:1586259	SSF x LoA	-8,246	-0,047	0,297
CHR4	1586262	CHR4:1586262	SSF x LoA	-10,424	-0,006	0,291
CHR4	15864029	CHR4:15864029	SSF x LoA	-9,092	0,053	0,273
CHR4	15864040	CHR4:15864040	SSF x LoA	-9,142	0,030	0,283
CHR4	15864178	CHR4:15864178	SSF x LoA	-5,188	-0,052	0,300
CHR4	15866471	CHR4:15866471	SSF x LoA	-8,672	0,010	0,287
CHR4	15866539	CHR4:15866539	SSF x LoA	-7,467	0,103	0,305
CHR4	15866557	CHR4:15866557	SSF x LoA	-8,712	0,046	0,299
CHR4	15867675	CHR4:15867675	SSF x LoA	-2,937	0,070	0,299
CHR4	15874653	CHR4:15874653	SSF x LoA	-7,753	0,096	0,302
CHR4	15874834	CHR4:15874834	SSF x LoA	-9,210	0,074	0,290
CHR4	15874891	CHR4:15874891	SSF x LoA	-7,747	0,033	0,295
CHR4	15898734	CHR4:15898734	SSF x LoA	-8,661	0,027	0,304
CHR4	15898776	CHR4:15898776	SSF x LoA	-7,323	-0,013	0,294
CHR4	15898787	CHR4:15898787	SSF x LoA	-8,113	-0,057	0,303
CHR4	15898825	CHR4:15898825	SSF x LoA	-8,520	0,002	0,307
CHR4	15906638	CHR4:15906638	SSF x LoA	-9,269	-0,178	0,286
CHR4	15906665	CHR4:15906665	SSF x LoA	-9,281	0,080	0,313
CHR4	15922669	CHR4:15922669	SSF x LoA	-9,124	0,023	0,294
CHR4	15922792	CHR4:15922792	SSF x LoA	-5,939	0,144	0,280
CHR4	15922800	CHR4:15922800	SSF x LoA	-6,772	-0,021	0,303
CHR4	15923065	CHR4:15923065	SSF x LoA	-4,382	0,232	0,268
CHR4	1592876	CHR4:1592876	SSF x LoA	-5,620	-0,054	0,288
CHR4	15931176	CHR4:15931176	SSF x LoA	-7,288	-0,142	0,277

CHR4	15931207	CHR4:15931207	SSF x LoA	-7,191	-0,064	0,285
CHR4	15931234	CHR4:15931234	SSF x LoA	-10,327	0,050	0,283
CHR4	15931235	CHR4:15931235	SSF x LoA	-8,937	0,022	0,281
CHR4	15931296	CHR4:15931296	SSF x LoA	-6,725	-0,063	0,300
CHR4	15931326	CHR4:15931326	SSF x LoA	-6,221	-0,108	0,295
CHR4	15931380	CHR4:15931380	SSF x LoA	-8,639	0,031	0,303
CHR4	15931416	CHR4:15931416	SSF x LoA	-7,620	0,075	0,289
CHR4	15935267	CHR4:15935267	SSF x LoA	-8,663	-0,067	0,292
CHR4	15935333	CHR4:15935333	SSF x LoA	-7,672	-0,083	0,296
CHR4	15935433	CHR4:15935433	SSF x LoA	-9,533	-0,090	0,298
CHR4	15940740	CHR4:15940740	SSF x LoA	-4,740	0,060	0,304
CHR4	15940805	CHR4:15940805	SSF x LoA	-8,250	-0,011	0,281
CHR4	15940856	CHR4:15940856	SSF x LoA	-9,306	-0,074	0,286
CHR4	15940910	CHR4:15940910	SSF x LoA	-4,517	0,157	0,284
CHR4	15944297	CHR4:15944297	SSF x LoA	-10,314	0,031	0,286
CHR4	15944469	CHR4:15944469	SSF x LoA	-7,828	0,111	0,292
CHR4	15949531	CHR4:15949531	SSF x LoA	-11,491	0,021	0,288
CHR4	15951474	CHR4:15951474	SSF x LoA	-4,643	-0,157	0,281
CHR4	15951642	CHR4:15951642	SSF x LoA	-8,647	0,001	0,267
CHR4	15951669	CHR4:15951669	SSF x LoA	-10,583	0,001	0,295
CHR4	15957500	CHR4:15957500	SSF x LoA	-9,577	-0,095	0,290
CHR4	15968990	CHR4:15968990	SSF x LoA	-7,036	0,123	0,283
CHR4	15969038	CHR4:15969038	SSF x LoA	-10,630	0,047	0,306
CHR4	15975372	CHR4:15975372	SSF x LoA	-9,544	0,035	0,292
CHR4	15975451	CHR4:15975451	SSF x LoA	-8,387	0,105	0,280
CHR4	15984041	CHR4:15984041	SSF x LoA	-8,740	-0,095	0,291
CHR4	15984373	CHR4:15984373	SSF x LoA	-8,137	-0,008	0,293
CHR4	15996122	CHR4:15996122	SSF x LoA	-8,519	-0,024	0,299
CHR4	15997508	CHR4:15997508	SSF x LoA	-7,604	0,096	0,272
CHR4	15997683	CHR4:15997683	SSF x LoA	-9,426	0,099	0,281
CHR4	16006621	CHR4:16006621	SSF x LoA	-4,181	-0,182	0,282
CHR4	16006642	CHR4:16006642	SSF x LoA	-4,183	-0,146	0,302
CHR4	16008372	CHR4:16008372	SSF x LoA	-8,920	-0,111	0,293
CHR4	16008464	CHR4:16008464	SSF x LoA	-6,640	-0,109	0,283
CHR4	16008498	CHR4:16008498	SSF x LoA	-8,731	-0,065	0,298
CHR4	16008515	CHR4:16008515	SSF x LoA	-7,591	0,106	0,295
CHR4	16013093	CHR4:16013093	SSF x LoA	-7,212	0,043	0,304
CHR4	16016154	CHR4:16016154	SSF x LoA	-8,042	-0,103	0,299
CHR4	16016173	CHR4:16016173	SSF x LoA	-9,830	0,009	0,305
CHR4	16036447	CHR4:16036447	SSF x LoA	-9,938	-0,087	0,281
CHR4	16036452	CHR4:16036452	SSF x LoA	-8,625	0,036	0,285
CHR4	16036525	CHR4:16036525	SSF x LoA	-9,846	0,052	0,287
CHR4	16036612	CHR4:16036612	SSF x LoA	-8,386	0,033	0,293
CHR4	16038422	CHR4:16038422	SSF x LoA	-7,592	0,095	0,299
CHR4	16046744	CHR4:16046744	SSF x LoA	-7,958	0,057	0,294
CHR4	16046751	CHR4:16046751	SSF x LoA	-7,634	0,047	0,297
CHR4	16046755	CHR4:16046755	SSF x LoA	-9,704	0,044	0,274
CHR4	16046792	CHR4:16046792	SSF x LoA	-9,092	-0,024	0,280
CHR4	16046931	CHR4:16046931	SSF x LoA	-8,868	0,102	0,283
CHR4	16046938	CHR4:16046938	SSF x LoA	-5,920	0,119	0,284
CHR4	16046986	CHR4:16046986	SSF x LoA	-7,033	0,105	0,283
CHR4	16046992	CHR4:16046992	SSF x LoA	-5,886	0,084	0,296
CHR4	1604850	CHR4:1604850	SSF x LoA	-10,301	-0,010	0,296

CHR4	1604875	CHR4:1604875	SSF x LoA	-11,107	-0,042	0,291
CHR4	16048899	CHR4:16048899	SSF x LoA	-4,994	0,159	0,283
CHR4	16048922	CHR4:16048922	SSF x LoA	-8,669	-0,098	0,303
CHR4	16048988	CHR4:16048988	SSF x LoA	-7,404	-0,124	0,283
CHR4	16049127	CHR4:16049127	SSF x LoA	-9,291	0,069	0,276
CHR4	16049240	CHR4:16049240	SSF x LoA	-5,285	-0,151	0,288
CHR4	1605026	CHR4:1605026	SSF x LoA	-9,482	-0,158	0,285
CHR4	1605050	CHR4:1605050	SSF x LoA	-8,023	0,141	0,301
CHR4	1605058	CHR4:1605058	SSF x LoA	-6,789	0,079	0,288
CHR4	16062123	CHR4:16062123	SSF x LoA	-9,510	-0,024	0,305
CHR4	16062316	CHR4:16062316	SSF x LoA	-11,982	0,051	0,268
CHR4	16062334	CHR4:16062334	SSF x LoA	-10,296	0,027	0,278
CHR4	16063778	CHR4:16063778	SSF x LoA	-6,827	0,100	0,295
CHR4	16108883	CHR4:16108883	SSF x LoA	-7,749	0,075	0,289
CHR4	16108906	CHR4:16108906	SSF x LoA	-6,572	0,135	0,283
CHR4	16109093	CHR4:16109093	SSF x LoA	-7,328	0,078	0,289
CHR4	16124797	CHR4:16124797	SSF x LoA	-10,006	0,020	0,282
CHR4	16125031	CHR4:16125031	SSF x LoA	-6,680	0,032	0,292
CHR4	16126391	CHR4:16126391	SSF x LoA	-9,372	0,040	0,288
CHR4	16126426	CHR4:16126426	SSF x LoA	-8,473	-0,037	0,290
CHR4	16126469	CHR4:16126469	SSF x LoA	-8,648	-0,027	0,293
CHR4	16126473	CHR4:16126473	SSF x LoA	-7,999	0,120	0,294
CHR4	16139376	CHR4:16139376	SSF x LoA	-10,579	0,035	0,287
CHR4	16139377	CHR4:16139377	SSF x LoA	-8,502	0,072	0,296
CHR4	16139382	CHR4:16139382	SSF x LoA	-8,752	0,100	0,284
CHR4	16139439	CHR4:16139439	SSF x LoA	-10,267	0,031	0,288
CHR4	16142491	CHR4:16142491	SSF x LoA	-3,073	-0,044	0,296
CHR4	16142760	CHR4:16142760	SSF x LoA	-11,133	0,030	0,292
CHR4	1614378	CHR4:1614378	SSF x LoA	-8,754	-0,042	0,294
CHR4	1614420	CHR4:1614420	SSF x LoA	-9,655	0,099	0,280
CHR4	1614469	CHR4:1614469	SSF x LoA	-8,342	-0,061	0,307
CHR4	16147653	CHR4:16147653	SSF x LoA	-8,597	-0,030	0,287
CHR4	16147655	CHR4:16147655	SSF x LoA	-8,329	0,017	0,296
CHR4	16149357	CHR4:16149357	SSF x LoA	-8,963	-0,063	0,296
CHR4	16158019	CHR4:16158019	SSF x LoA	-7,606	-0,107	0,293
CHR4	16158060	CHR4:16158060	SSF x LoA	-8,796	-0,061	0,303
CHR4	16163145	CHR4:16163145	SSF x LoA	-9,093	0,031	0,308
CHR4	16163269	CHR4:16163269	SSF x LoA	-11,091	0,033	0,299
CHR4	1625874	CHR4:1625874	SSF x LoA	-11,152	-0,016	0,292
CHR4	1625876	CHR4:1625876	SSF x LoA	-10,857	0,036	0,295
CHR4	16262089	CHR4:16262089	SSF x LoA	-9,034	0,020	0,286
CHR4	16262181	CHR4:16262181	SSF x LoA	-6,496	-0,063	0,295
CHR4	16262217	CHR4:16262217	SSF x LoA	-5,794	-0,020	0,306
CHR4	16271102	CHR4:16271102	SSF x LoA	-3,994	-0,177	0,283
CHR4	16271136	CHR4:16271136	SSF x LoA	-6,763	-0,119	0,286
CHR4	16271166	CHR4:16271166	SSF x LoA	-8,982	-0,028	0,293
CHR4	16271194	CHR4:16271194	SSF x LoA	-8,823	-0,012	0,288
CHR4	16282721	CHR4:16282721	SSF x LoA	-1,630	-0,107	0,269
CHR4	16282738	CHR4:16282738	SSF x LoA	-8,338	-0,058	0,290
CHR4	16282761	CHR4:16282761	SSF x LoA	-8,115	-0,040	0,289
CHR4	16287966	CHR4:16287966	SSF x LoA	-8,636	0,093	0,289
CHR4	16288187	CHR4:16288187	SSF x LoA	-7,405	0,091	0,296
CHR4	16288189	CHR4:16288189	SSF x LoA	-9,030	0,026	0,297

CHR4	16288270	CHR4:16288270	SSF x LoA	-9,182	-0,038	0,291
CHR4	16290397	CHR4:16290397	SSF x LoA	-10,297	0,011	0,286
CHR4	16304648	CHR4:16304648	SSF x LoA	-10,433	-0,042	0,307
CHR4	16305873	CHR4:16305873	SSF x LoA	-7,798	0,037	0,288
CHR4	16305898	CHR4:16305898	SSF x LoA	-8,989	0,069	0,301
CHR4	16308506	CHR4:16308506	SSF x LoA	-8,161	-0,026	0,294
CHR4	16308507	CHR4:16308507	SSF x LoA	-7,578	-0,002	0,293
CHR4	16308540	CHR4:16308540	SSF x LoA	-6,579	-0,123	0,287
CHR4	16308618	CHR4:16308618	SSF x LoA	-5,345	0,164	0,298
CHR4	16308649	CHR4:16308649	SSF x LoA	-7,411	-0,121	0,284
CHR4	16318764	CHR4:16318764	SSF x LoA	-8,982	0,124	0,286
CHR4	16320502	CHR4:16320502	SSF x LoA	-4,950	0,003	0,283
CHR4	16320538	CHR4:16320538	SSF x LoA	-9,362	-0,110	0,276
CHR4	16320661	CHR4:16320661	SSF x LoA	-9,683	-0,055	0,285
CHR4	16338670	CHR4:16338670	SSF x LoA	-8,221	0,063	0,287
CHR4	16338744	CHR4:16338744	SSF x LoA	-9,932	0,007	0,291
CHR4	16339206	CHR4:16339206	SSF x LoA	-10,176	0,043	0,297
CHR4	16344964	CHR4:16344964	SSF x LoA	-9,137	0,114	0,295
CHR4	16351850	CHR4:16351850	SSF x LoA	-9,269	-0,007	0,295
CHR4	16356115	CHR4:16356115	SSF x LoA	-7,681	0,031	0,281
CHR4	16356136	CHR4:16356136	SSF x LoA	-5,513	0,045	0,282
CHR4	1635759	CHR4:1635759	SSF x LoA	-9,295	0,080	0,285
CHR4	1635856	CHR4:1635856	SSF x LoA	-7,160	-0,001	0,283
CHR4	16362028	CHR4:16362028	SSF x LoA	-9,684	0,008	0,280
CHR4	16362061	CHR4:16362061	SSF x LoA	-8,709	0,046	0,285
CHR4	16421798	CHR4:16421798	SSF x LoA	-10,542	-0,077	0,289
CHR4	16431500	CHR4:16431500	SSF x LoA	-10,134	-0,017	0,299
CHR4	16431641	CHR4:16431641	SSF x LoA	0,669	0,063	0,294
CHR4	16431646	CHR4:16431646	SSF x LoA	-7,886	-0,087	0,288
CHR4	16440141	CHR4:16440141	SSF x LoA	-10,791	-0,085	0,289
CHR4	16440152	CHR4:16440152	SSF x LoA	-11,658	0,038	0,289
CHR4	16440221	CHR4:16440221	SSF x LoA	-6,412	0,186	0,281
CHR4	16445902	CHR4:16445902	SSF x LoA	-7,824	0,129	0,297
CHR4	16446037	CHR4:16446037	SSF x LoA	-3,374	-0,086	0,281
CHR4	16446051	CHR4:16446051	SSF x LoA	-10,163	-0,049	0,300
CHR4	16454291	CHR4:16454291	SSF x LoA	-8,654	0,041	0,285
CHR4	16454585	CHR4:16454585	SSF x LoA	-8,670	0,024	0,295
CHR4	16458268	CHR4:16458268	SSF x LoA	-6,402	0,157	0,286
CHR4	16458333	CHR4:16458333	SSF x LoA	-8,671	-0,112	0,285
CHR4	1647105	CHR4:1647105	SSF x LoA	-8,300	-0,008	0,278
CHR4	16478095	CHR4:16478095	SSF x LoA	-8,745	-0,038	0,298
CHR4	16478099	CHR4:16478099	SSF x LoA	-1,875	-0,047	0,292
CHR4	16478185	CHR4:16478185	SSF x LoA	-8,604	-0,124	0,282
CHR4	16478240	CHR4:16478240	SSF x LoA	-1,395	-0,170	0,286
CHR4	1649846	CHR4:1649846	SSF x LoA	-8,103	0,078	0,299
CHR4	1649861	CHR4:1649861	SSF x LoA	-10,421	-0,032	0,285
CHR4	1649926	CHR4:1649926	SSF x LoA	-10,358	-0,048	0,286
CHR4	1649931	CHR4:1649931	SSF x LoA	-8,792	-0,134	0,277
CHR4	1649952	CHR4:1649952	SSF x LoA	-9,138	0,050	0,287
CHR4	16515345	CHR4:16515345	SSF x LoA	-9,278	-0,047	0,288
CHR4	16522166	CHR4:16522166	SSF x LoA	-0,756	-0,123	0,285
CHR4	16524537	CHR4:16524537	SSF x LoA	-9,753	0,027	0,285
CHR4	16524639	CHR4:16524639	SSF x LoA	-6,419	-0,111	0,260

CHR4	16524642	CHR4:16524642	SSF x LoA	-10,372	0,072	0,302
CHR4	16524648	CHR4:16524648	SSF x LoA	-8,165	-0,017	0,304
CHR4	16524764	CHR4:16524764	SSF x LoA	-9,636	-0,019	0,280
CHR4	16524775	CHR4:16524775	SSF x LoA	-9,313	0,116	0,278
CHR4	16524782	CHR4:16524782	SSF x LoA	-8,333	0,095	0,292
CHR4	1652912	CHR4:1652912	SSF x LoA	-6,358	0,197	0,277
CHR4	1653121	CHR4:1653121	SSF x LoA	-6,180	0,050	0,301
CHR4	16531287	CHR4:16531287	SSF x LoA	-7,143	0,139	0,301
CHR4	1653133	CHR4:1653133	SSF x LoA	-10,291	0,015	0,288
CHR4	16531439	CHR4:16531439	SSF x LoA	-9,167	-0,106	0,292
CHR4	1653145	CHR4:1653145	SSF x LoA	-5,970	-0,203	0,283
CHR4	16538847	CHR4:16538847	SSF x LoA	-9,885	0,039	0,283
CHR4	16538967	CHR4:16538967	SSF x LoA	-8,846	-0,074	0,273
CHR4	16538985	CHR4:16538985	SSF x LoA	-10,678	0,017	0,270
CHR4	16554818	CHR4:16554818	SSF x LoA	-4,064	-0,078	0,288
CHR4	16554823	CHR4:16554823	SSF x LoA	-5,934	-0,112	0,286
CHR4	16614768	CHR4:16614768	SSF x LoA	-8,007	0,085	0,287
CHR4	16624177	CHR4:16624177	SSF x LoA	-9,488	-0,038	0,288
CHR4	16634566	CHR4:16634566	SSF x LoA	-8,431	-0,066	0,289
CHR4	16638313	CHR4:16638313	SSF x LoA	-2,470	0,009	0,303
CHR4	16642198	CHR4:16642198	SSF x LoA	-10,833	-0,008	0,291
CHR4	16655673	CHR4:16655673	SSF x LoA	-7,679	0,130	0,288
CHR4	16659939	CHR4:16659939	SSF x LoA	-5,159	0,034	0,302
CHR4	16659952	CHR4:16659952	SSF x LoA	-6,779	0,061	0,292
CHR4	16660028	CHR4:16660028	SSF x LoA	-8,009	0,112	0,291
CHR4	16663734	CHR4:16663734	SSF x LoA	-7,937	-0,118	0,291
CHR4	16663778	CHR4:16663778	SSF x LoA	-9,065	-0,073	0,264
CHR4	16682884	CHR4:16682884	SSF x LoA	-7,845	0,125	0,296
CHR4	16692782	CHR4:16692782	SSF x LoA	-9,090	0,070	0,290
CHR4	16692846	CHR4:16692846	SSF x LoA	-8,196	-0,132	0,296
CHR4	16695319	CHR4:16695319	SSF x LoA	-9,953	0,019	0,284
CHR4	16711621	CHR4:16711621	SSF x LoA	-9,096	-0,017	0,277
CHR4	16711722	CHR4:16711722	SSF x LoA	-9,933	0,020	0,292
CHR4	16711748	CHR4:16711748	SSF x LoA	-8,277	0,031	0,301
CHR4	16720181	CHR4:16720181	SSF x LoA	-6,950	0,154	0,281
CHR4	16720433	CHR4:16720433	SSF x LoA	-11,207	0,012	0,295
CHR4	16747652	CHR4:16747652	SSF x LoA	-7,127	0,009	0,254
CHR4	16747671	CHR4:16747671	SSF x LoA	-10,283	0,026	0,283
CHR4	16747755	CHR4:16747755	SSF x LoA	-8,555	-0,012	0,289
CHR4	16747764	CHR4:16747764	SSF x LoA	-10,238	-0,091	0,293
CHR4	1677179	CHR4:1677179	SSF x LoA	-1,398	0,184	0,282
CHR4	1677241	CHR4:1677241	SSF x LoA	-7,653	-0,019	0,291
CHR4	1677276	CHR4:1677276	SSF x LoA	-11,069	-0,088	0,273
CHR4	1677305	CHR4:1677305	SSF x LoA	-8,853	0,092	0,287
CHR4	1677309	CHR4:1677309	SSF x LoA	-6,124	0,135	0,287
CHR4	1677438	CHR4:1677438	SSF x LoA	-9,331	-0,073	0,291
CHR4	1677472	CHR4:1677472	SSF x LoA	-8,488	0,043	0,293
CHR4	1677474	CHR4:1677474	SSF x LoA	-7,943	-0,009	0,303
CHR4	1677485	CHR4:1677485	SSF x LoA	-8,459	0,038	0,279
CHR4	1677487	CHR4:1677487	SSF x LoA	-6,425	-0,066	0,281
CHR4	16777096	CHR4:16777096	SSF x LoA	-8,277	-0,099	0,290
CHR4	16777116	CHR4:16777116	SSF x LoA	-10,559	-0,116	0,272
CHR4	16777175	CHR4:16777175	SSF x LoA	-10,136	-0,062	0,291

CHR4	16777244	CHR4:16777244	SSF x LoA	-7,292	-0,085	0,286
CHR4	16777280	CHR4:16777280	SSF x LoA	-2,461	-0,037	0,294
CHR4	16777299	CHR4:16777299	SSF x LoA	-10,235	0,084	0,294
CHR4	16777310	CHR4:16777310	SSF x LoA	-9,007	0,022	0,278
CHR4	16781975	CHR4:16781975	SSF x LoA	-3,337	-0,095	0,304
CHR4	16782150	CHR4:16782150	SSF x LoA	-8,191	-0,043	0,292
CHR4	16790177	CHR4:16790177	SSF x LoA	-8,679	0,094	0,299
CHR4	16790212	CHR4:16790212	SSF x LoA	-8,360	0,091	0,296
CHR4	16790241	CHR4:16790241	SSF x LoA	-8,677	0,049	0,299
CHR4	16790441	CHR4:16790441	SSF x LoA	-9,382	0,075	0,294
CHR4	16790463	CHR4:16790463	SSF x LoA	-8,791	-0,007	0,298
CHR4	16792979	CHR4:16792979	SSF x LoA	-0,531	-0,086	0,287
CHR4	16792996	CHR4:16792996	SSF x LoA	-7,348	0,137	0,296
CHR4	16793005	CHR4:16793005	SSF x LoA	-10,607	-0,060	0,290
CHR4	16793010	CHR4:16793010	SSF x LoA	-7,350	-0,093	0,286
CHR4	16793084	CHR4:16793084	SSF x LoA	-9,608	-0,043	0,282
CHR4	16793088	CHR4:16793088	SSF x LoA	-7,733	0,020	0,284
CHR4	16794381	CHR4:16794381	SSF x LoA	-9,259	0,003	0,300
CHR4	16794501	CHR4:16794501	SSF x LoA	-6,779	-0,014	0,288
CHR4	16794502	CHR4:16794502	SSF x LoA	-9,018	-0,108	0,281
CHR4	16794503	CHR4:16794503	SSF x LoA	-9,418	-0,111	0,281
CHR4	16794540	CHR4:16794540	SSF x LoA	-6,963	0,138	0,293
CHR4	16797560	CHR4:16797560	SSF x LoA	-8,253	-0,034	0,299
CHR4	16797729	CHR4:16797729	SSF x LoA	-8,787	0,069	0,299
CHR4	16797763	CHR4:16797763	SSF x LoA	-10,338	-0,065	0,289
CHR4	16810703	CHR4:16810703	SSF x LoA	-8,094	-0,154	0,272
CHR4	16810772	CHR4:16810772	SSF x LoA	-5,017	0,111	0,289
CHR4	16811004	CHR4:16811004	SSF x LoA	-8,462	0,046	0,301
CHR4	16811057	CHR4:16811057	SSF x LoA	-4,203	0,014	0,298
CHR4	16811103	CHR4:16811103	SSF x LoA	-8,981	0,068	0,286
CHR4	16834860	CHR4:16834860	SSF x LoA	-9,599	0,128	0,275
CHR4	16834903	CHR4:16834903	SSF x LoA	-7,064	0,024	0,302
CHR4	16862987	CHR4:16862987	SSF x LoA	-7,929	0,041	0,286
CHR4	16863023	CHR4:16863023	SSF x LoA	-7,219	-0,028	0,289
CHR4	16863031	CHR4:16863031	SSF x LoA	-4,974	-0,062	0,290
CHR4	16863049	CHR4:16863049	SSF x LoA	-9,852	-0,064	0,272
CHR4	16863361	CHR4:16863361	SSF x LoA	-9,937	0,022	0,298
CHR4	1686706	CHR4:1686706	SSF x LoA	-7,531	0,049	0,297
CHR4	1686740	CHR4:1686740	SSF x LoA	-7,617	-0,044	0,302
CHR4	1686793	CHR4:1686793	SSF x LoA	-8,779	-0,003	0,294
CHR4	1686839	CHR4:1686839	SSF x LoA	-10,201	0,000	0,290
CHR4	1687012	CHR4:1687012	SSF x LoA	-11,313	0,032	0,294
CHR4	16871748	CHR4:16871748	SSF x LoA	-7,881	0,082	0,298
CHR4	16871797	CHR4:16871797	SSF x LoA	-8,248	-0,102	0,273
CHR4	16871984	CHR4:16871984	SSF x LoA	-9,550	0,046	0,306
CHR4	16873565	CHR4:16873565	SSF x LoA	-7,151	-0,162	0,282
CHR4	16873618	CHR4:16873618	SSF x LoA	-9,808	-0,021	0,286
CHR4	16873664	CHR4:16873664	SSF x LoA	-8,881	0,012	0,281
CHR4	16875238	CHR4:16875238	SSF x LoA	-8,799	0,025	0,294
CHR4	16875245	CHR4:16875245	SSF x LoA	-9,567	-0,045	0,296
CHR4	16875476	CHR4:16875476	SSF x LoA	-9,779	0,109	0,296
CHR4	16875654	CHR4:16875654	SSF x LoA	-8,416	0,043	0,303
CHR4	16875686	CHR4:16875686	SSF x LoA	-6,672	-0,134	0,282

CHR4	16888004	CHR4:16888004	SSF x LoA	-9,189	-0,084	0,295
CHR4	16902855	CHR4:16902855	SSF x LoA	-9,694	0,062	0,297
CHR4	16903483	CHR4:16903483	SSF x LoA	-10,949	-0,011	0,267
CHR4	16928269	CHR4:16928269	SSF x LoA	-9,982	-0,015	0,284
CHR4	16928320	CHR4:16928320	SSF x LoA	-10,134	0,005	0,287
CHR4	16928562	CHR4:16928562	SSF x LoA	-9,717	-0,001	0,284
CHR4	16928563	CHR4:16928563	SSF x LoA	-7,357	0,025	0,281
CHR4	16964299	CHR4:16964299	SSF x LoA	-8,748	0,004	0,286
CHR4	16964302	CHR4:16964302	SSF x LoA	-10,355	0,030	0,316
CHR4	16964433	CHR4:16964433	SSF x LoA	-8,249	-0,186	0,282
CHR4	16970446	CHR4:16970446	SSF x LoA	-8,690	0,039	0,274
CHR4	1697114	CHR4:1697114	SSF x LoA	-2,335	-0,177	0,265
CHR4	1697127	CHR4:1697127	SSF x LoA	-8,323	0,035	0,294
CHR4	16974748	CHR4:16974748	SSF x LoA	-10,416	0,114	0,280
CHR4	1698039	CHR4:1698039	SSF x LoA	-7,325	-0,075	0,302
CHR4	1698040	CHR4:1698040	SSF x LoA	-5,298	-0,099	0,310
CHR4	16989144	CHR4:16989144	SSF x LoA	-4,781	-0,034	0,298
CHR4	16989146	CHR4:16989146	SSF x LoA	-11,193	-0,048	0,283
CHR4	16989205	CHR4:16989205	SSF x LoA	-8,759	-0,027	0,296
CHR4	16991620	CHR4:16991620	SSF x LoA	-8,272	0,100	0,299
CHR4	17004578	CHR4:17004578	SSF x LoA	-7,053	-0,113	0,298
CHR4	17008053	CHR4:17008053	SSF x LoA	-7,473	0,001	0,296
CHR4	17008056	CHR4:17008056	SSF x LoA	-10,915	-0,054	0,295
CHR4	17008149	CHR4:17008149	SSF x LoA	-7,948	-0,105	0,282
CHR4	17008348	CHR4:17008348	SSF x LoA	-8,881	0,068	0,283
CHR4	1700935	CHR4:1700935	SSF x LoA	-9,138	0,037	0,302
CHR4	17030186	CHR4:17030186	SSF x LoA	-8,964	-0,062	0,284
CHR4	17030212	CHR4:17030212	SSF x LoA	-9,846	0,078	0,283
CHR4	17030258	CHR4:17030258	SSF x LoA	-8,246	0,144	0,275
CHR4	17030259	CHR4:17030259	SSF x LoA	-9,439	-0,098	0,296
CHR4	17030294	CHR4:17030294	SSF x LoA	-6,825	0,172	0,276
CHR4	17030338	CHR4:17030338	SSF x LoA	-7,431	-0,089	0,283
CHR4	17037082	CHR4:17037082	SSF x LoA	-9,756	0,105	0,293
CHR4	1704620	CHR4:1704620	SSF x LoA	-8,409	0,063	0,295
CHR4	1705777	CHR4:1705777	SSF x LoA	-7,526	-0,060	0,301
CHR4	1705781	CHR4:1705781	SSF x LoA	-8,847	0,028	0,293
CHR4	1705832	CHR4:1705832	SSF x LoA	-3,411	-0,222	0,289
CHR4	17101915	CHR4:17101915	SSF x LoA	-11,001	-0,047	0,296
CHR4	17112311	CHR4:17112311	SSF x LoA	-11,247	-0,004	0,282
CHR4	17112367	CHR4:17112367	SSF x LoA	-9,932	0,083	0,283
CHR4	17112448	CHR4:17112448	SSF x LoA	-11,463	0,048	0,287
CHR4	17112712	CHR4:17112712	SSF x LoA	-7,471	-0,094	0,288
CHR4	17112720	CHR4:17112720	SSF x LoA	-7,432	-0,132	0,297
CHR4	17112733	CHR4:17112733	SSF x LoA	-7,763	0,049	0,275
CHR4	17115597	CHR4:17115597	SSF x LoA	-9,482	-0,088	0,293
CHR4	17115610	CHR4:17115610	SSF x LoA	-9,370	-0,012	0,299
CHR4	17115642	CHR4:17115642	SSF x LoA	-9,073	0,056	0,274
CHR4	17115753	CHR4:17115753	SSF x LoA	-6,464	-0,072	0,289
CHR4	17116328	CHR4:17116328	SSF x LoA	-7,991	0,022	0,289
CHR4	17124880	CHR4:17124880	SSF x LoA	-9,929	-0,047	0,279
CHR4	17124918	CHR4:17124918	SSF x LoA	-8,002	-0,092	0,290
CHR4	17125016	CHR4:17125016	SSF x LoA	-10,520	-0,062	0,308
CHR4	17125244	CHR4:17125244	SSF x LoA	-8,471	0,126	0,291

CHR4	17127141	CHR4:17127141	SSF x LoA	-10,692	-0,010	0,290
CHR4	17127154	CHR4:17127154	SSF x LoA	-8,215	-0,074	0,292
CHR4	17127220	CHR4:17127220	SSF x LoA	-8,529	0,042	0,272
CHR4	17127221	CHR4:17127221	SSF x LoA	-5,806	0,023	0,293
CHR4	17127250	CHR4:17127250	SSF x LoA	-6,660	0,162	0,274
CHR4	17130323	CHR4:17130323	SSF x LoA	-9,453	-0,067	0,290
CHR4	17146855	CHR4:17146855	SSF x LoA	-9,034	-0,050	0,292
CHR4	17155919	CHR4:17155919	SSF x LoA	-0,998	-0,080	0,295
CHR4	17155979	CHR4:17155979	SSF x LoA	-8,379	0,108	0,298
CHR4	17156051	CHR4:17156051	SSF x LoA	-7,256	0,037	0,304
CHR4	17156069	CHR4:17156069	SSF x LoA	-7,563	0,077	0,282
CHR4	17156117	CHR4:17156117	SSF x LoA	-4,610	-0,142	0,286
CHR4	17156206	CHR4:17156206	SSF x LoA	-11,195	-0,030	0,285
CHR4	17168864	CHR4:17168864	SSF x LoA	-6,364	0,029	0,304
CHR4	17168934	CHR4:17168934	SSF x LoA	-8,977	0,052	0,291
CHR4	17168945	CHR4:17168945	SSF x LoA	-5,281	-0,175	0,272
CHR4	17169035	CHR4:17169035	SSF x LoA	-2,132	0,197	0,278
CHR4	17169050	CHR4:17169050	SSF x LoA	-5,078	0,155	0,269
CHR4	17190261	CHR4:17190261	SSF x LoA	-6,768	0,114	0,281
CHR4	17228562	CHR4:17228562	SSF x LoA	-7,726	-0,021	0,290
CHR4	17228608	CHR4:17228608	SSF x LoA	-11,061	-0,016	0,297
CHR4	17228675	CHR4:17228675	SSF x LoA	-7,137	-0,089	0,283
CHR4	17228731	CHR4:17228731	SSF x LoA	-6,422	0,208	0,282
CHR4	17228752	CHR4:17228752	SSF x LoA	-7,062	-0,045	0,286
CHR4	17246431	CHR4:17246431	SSF x LoA	-9,117	0,043	0,288
CHR4	17268035	CHR4:17268035	SSF x LoA	-8,692	-0,069	0,289
CHR4	17268070	CHR4:17268070	SSF x LoA	-11,062	-0,025	0,279
CHR4	17268152	CHR4:17268152	SSF x LoA	-6,685	0,152	0,284
CHR4	17268178	CHR4:17268178	SSF x LoA	-7,490	0,043	0,285
CHR4	17268223	CHR4:17268223	SSF x LoA	-8,213	-0,115	0,276
CHR4	17268289	CHR4:17268289	SSF x LoA	-5,526	0,055	0,295
CHR4	17268298	CHR4:17268298	SSF x LoA	-7,341	0,026	0,300
CHR4	17271684	CHR4:17271684	SSF x LoA	-9,103	0,073	0,300
CHR4	17271923	CHR4:17271923	SSF x LoA	-8,610	-0,041	0,284
CHR4	17271990	CHR4:17271990	SSF x LoA	-7,063	0,162	0,267
CHR4	17271991	CHR4:17271991	SSF x LoA	-5,372	0,145	0,276
CHR4	17271994	CHR4:17271994	SSF x LoA	-8,674	-0,072	0,299
CHR4	17272042	CHR4:17272042	SSF x LoA	-8,555	-0,173	0,275
CHR4	17320332	CHR4:17320332	SSF x LoA	-10,081	0,102	0,282
CHR4	17339518	CHR4:17339518	SSF x LoA	-10,611	0,008	0,291
CHR4	17339539	CHR4:17339539	SSF x LoA	-6,984	0,110	0,294
CHR4	17339711	CHR4:17339711	SSF x LoA	-9,782	0,062	0,283
CHR4	17339722	CHR4:17339722	SSF x LoA	-8,879	-0,027	0,290
CHR4	17339732	CHR4:17339732	SSF x LoA	-10,324	0,024	0,299
CHR4	17339762	CHR4:17339762	SSF x LoA	-6,342	0,040	0,289
CHR4	17339810	CHR4:17339810	SSF x LoA	-9,686	-0,006	0,279
CHR4	17350818	CHR4:17350818	SSF x LoA	-8,330	0,053	0,289
CHR4	17350971	CHR4:17350971	SSF x LoA	-9,160	-0,078	0,289
CHR4	17375335	CHR4:17375335	SSF x LoA	-9,217	0,087	0,289
CHR4	17410332	CHR4:17410332	SSF x LoA	-9,131	0,100	0,290
CHR4	17410368	CHR4:17410368	SSF x LoA	-7,345	0,069	0,291
CHR4	17410539	CHR4:17410539	SSF x LoA	-5,159	0,098	0,304
CHR4	17410598	CHR4:17410598	SSF x LoA	-5,344	-0,143	0,293

CHR4	17429659	CHR4:17429659	SSF x LoA	-7,743	0,095	0,292
CHR4	17429710	CHR4:17429710	SSF x LoA	-9,769	-0,062	0,279
CHR4	17435587	CHR4:17435587	SSF x LoA	-4,461	0,095	0,281
CHR4	17435601	CHR4:17435601	SSF x LoA	-8,032	0,109	0,293
CHR4	17435793	CHR4:17435793	SSF x LoA	-7,165	-0,077	0,283
CHR4	17435820	CHR4:17435820	SSF x LoA	-8,133	-0,058	0,283
CHR4	17441901	CHR4:17441901	SSF x LoA	-5,248	-0,085	0,278
CHR4	17441995	CHR4:17441995	SSF x LoA	-10,482	0,020	0,287
CHR4	17442055	CHR4:17442055	SSF x LoA	-7,936	-0,113	0,276
CHR4	17442057	CHR4:17442057	SSF x LoA	-9,311	-0,008	0,292
CHR4	17442104	CHR4:17442104	SSF x LoA	-9,337	0,124	0,302
CHR4	17442113	CHR4:17442113	SSF x LoA	-7,547	-0,078	0,288
CHR4	17442123	CHR4:17442123	SSF x LoA	-10,271	0,028	0,292
CHR4	17444666	CHR4:17444666	SSF x LoA	-8,403	0,049	0,289
CHR4	17485973	CHR4:17485973	SSF x LoA	-3,841	-0,158	0,267
CHR4	17486025	CHR4:17486025	SSF x LoA	-9,903	-0,121	0,286
CHR4	17486032	CHR4:17486032	SSF x LoA	-8,572	-0,063	0,272
CHR4	17486113	CHR4:17486113	SSF x LoA	-8,572	0,132	0,289
CHR4	17486198	CHR4:17486198	SSF x LoA	-8,485	-0,103	0,280
CHR4	17486293	CHR4:17486293	SSF x LoA	-8,530	-0,020	0,294
CHR4	17486347	CHR4:17486347	SSF x LoA	-6,851	-0,113	0,280
CHR4	17486352	CHR4:17486352	SSF x LoA	-6,736	0,178	0,270
CHR4	17486356	CHR4:17486356	SSF x LoA	-6,084	-0,166	0,282
CHR4	17486466	CHR4:17486466	SSF x LoA	-8,197	-0,081	0,289
CHR4	17556157	CHR4:17556157	SSF x LoA	-8,522	-0,153	0,291
CHR4	17563217	CHR4:17563217	SSF x LoA	-10,344	0,062	0,283
CHR4	17565880	CHR4:17565880	SSF x LoA	-6,240	0,135	0,275
CHR4	17565923	CHR4:17565923	SSF x LoA	-8,745	0,083	0,287
CHR4	17606173	CHR4:17606173	SSF x LoA	-9,302	0,153	0,303
CHR4	17616103	CHR4:17616103	SSF x LoA	-10,894	-0,010	0,293
CHR4	176213	CHR4:176213	SSF x LoA	-9,966	0,032	0,282
CHR4	17623725	CHR4:17623725	SSF x LoA	-8,701	-0,158	0,288
CHR4	17623774	CHR4:17623774	SSF x LoA	-8,113	0,011	0,298
CHR4	17623828	CHR4:17623828	SSF x LoA	-8,367	-0,076	0,301
CHR4	17623898	CHR4:17623898	SSF x LoA	-11,231	0,011	0,288
CHR4	17633482	CHR4:17633482	SSF x LoA	-8,623	0,023	0,285
CHR4	17639372	CHR4:17639372	SSF x LoA	-7,452	0,063	0,292
CHR4	176546	CHR4:176546	SSF x LoA	-8,134	0,055	0,300
CHR4	17676677	CHR4:17676677	SSF x LoA	-6,112	-0,093	0,291
CHR4	1768564	CHR4:1768564	SSF x LoA	-8,696	0,034	0,299
CHR4	17697478	CHR4:17697478	SSF x LoA	-9,524	0,002	0,285
CHR4	17720220	CHR4:17720220	SSF x LoA	-11,171	0,025	0,290
CHR4	17733371	CHR4:17733371	SSF x LoA	-6,104	0,100	0,296
CHR4	17733681	CHR4:17733681	SSF x LoA	-8,443	-0,029	0,274
CHR4	17739528	CHR4:17739528	SSF x LoA	-7,116	-0,053	0,294
CHR4	17739545	CHR4:17739545	SSF x LoA	-10,506	0,080	0,296
CHR4	17739599	CHR4:17739599	SSF x LoA	-11,114	-0,013	0,288
CHR4	17766679	CHR4:17766679	SSF x LoA	-8,802	-0,100	0,299
CHR4	17766723	CHR4:17766723	SSF x LoA	-4,906	0,095	0,307
CHR4	17788418	CHR4:17788418	SSF x LoA	-7,448	-0,099	0,293
CHR4	17804043	CHR4:17804043	SSF x LoA	-8,551	-0,002	0,291
CHR4	17819192	CHR4:17819192	SSF x LoA	-6,398	0,116	0,293
CHR4	17819342	CHR4:17819342	SSF x LoA	-11,111	0,039	0,299

CHR4	17841781	CHR4:17841781	SSF x LoA	-9,606	-0,013	0,288
CHR4	17891985	CHR4:17891985	SSF x LoA	-10,465	0,029	0,283
CHR4	17892055	CHR4:17892055	SSF x LoA	-8,634	0,045	0,293
CHR4	17892128	CHR4:17892128	SSF x LoA	-10,247	-0,006	0,278
CHR4	17904471	CHR4:17904471	SSF x LoA	-6,374	-0,108	0,299
CHR4	17909959	CHR4:17909959	SSF x LoA	-7,615	-0,154	0,281
CHR4	17957611	CHR4:17957611	SSF x LoA	-6,843	0,026	0,281
CHR4	17957755	CHR4:17957755	SSF x LoA	-7,877	0,125	0,301
CHR4	17957833	CHR4:17957833	SSF x LoA	-9,843	-0,029	0,293
CHR4	17965942	CHR4:17965942	SSF x LoA	-8,359	0,071	0,279
CHR4	17968119	CHR4:17968119	SSF x LoA	-8,298	-0,105	0,283
CHR4	17968438	CHR4:17968438	SSF x LoA	-4,067	0,123	0,283
CHR4	17984594	CHR4:17984594	SSF x LoA	-7,984	0,110	0,281
CHR4	17987169	CHR4:17987169	SSF x LoA	-7,026	0,126	0,286
CHR4	17987185	CHR4:17987185	SSF x LoA	-11,511	0,028	0,280
CHR4	18000185	CHR4:18000185	SSF x LoA	-10,472	-0,009	0,284
CHR4	18000265	CHR4:18000265	SSF x LoA	-10,793	0,084	0,290
CHR4	18000363	CHR4:18000363	SSF x LoA	-8,309	0,114	0,290
CHR4	18008794	CHR4:18008794	SSF x LoA	-7,484	0,107	0,298
CHR4	18008900	CHR4:18008900	SSF x LoA	-6,337	0,132	0,294
CHR4	18023786	CHR4:18023786	SSF x LoA	-8,919	0,030	0,299
CHR4	18024043	CHR4:18024043	SSF x LoA	-3,315	0,062	0,299
CHR4	18024153	CHR4:18024153	SSF x LoA	-7,941	0,027	0,306
CHR4	18030946	CHR4:18030946	SSF x LoA	-9,773	-0,110	0,283
CHR4	18031101	CHR4:18031101	SSF x LoA	-8,792	-0,008	0,286
CHR4	18047638	CHR4:18047638	SSF x LoA	-8,720	-0,066	0,292
CHR4	18047639	CHR4:18047639	SSF x LoA	-9,760	-0,023	0,289
CHR4	18047672	CHR4:18047672	SSF x LoA	-9,415	-0,016	0,298
CHR4	18047687	CHR4:18047687	SSF x LoA	-8,369	0,084	0,278
CHR4	18047727	CHR4:18047727	SSF x LoA	-6,823	0,042	0,287
CHR4	18078985	CHR4:18078985	SSF x LoA	-9,878	-0,082	0,279
CHR4	18079025	CHR4:18079025	SSF x LoA	-10,092	-0,057	0,286
CHR4	18086658	CHR4:18086658	SSF x LoA	-9,362	-0,101	0,281
CHR4	181140	CHR4:181140	SSF x LoA	-8,924	0,072	0,302
CHR4	18124101	CHR4:18124101	SSF x LoA	-7,399	0,072	0,276
CHR4	181346	CHR4:181346	SSF x LoA	-7,092	0,070	0,285
CHR4	181348	CHR4:181348	SSF x LoA	-7,706	0,108	0,278
CHR4	18137859	CHR4:18137859	SSF x LoA	-10,845	-0,043	0,290
CHR4	18269856	CHR4:18269856	SSF x LoA	-10,264	0,075	0,291
CHR4	18274694	CHR4:18274694	SSF x LoA	-8,700	0,063	0,290
CHR4	18277207	CHR4:18277207	SSF x LoA	-4,467	0,123	0,292
CHR4	18277291	CHR4:18277291	SSF x LoA	-8,031	0,004	0,300
CHR4	18277398	CHR4:18277398	SSF x LoA	-6,431	0,110	0,292
CHR4	18285311	CHR4:18285311	SSF x LoA	-7,987	0,044	0,288
CHR4	18285359	CHR4:18285359	SSF x LoA	-9,087	0,054	0,292
CHR4	18285366	CHR4:18285366	SSF x LoA	-8,207	-0,079	0,290
CHR4	18285533	CHR4:18285533	SSF x LoA	-7,865	0,035	0,297
CHR4	18287930	CHR4:18287930	SSF x LoA	-10,482	-0,098	0,294
CHR4	18307063	CHR4:18307063	SSF x LoA	-8,447	0,048	0,289
CHR4	18318199	CHR4:18318199	SSF x LoA	-6,147	-0,029	0,280
CHR4	18338781	CHR4:18338781	SSF x LoA	-10,171	-0,015	0,284
CHR4	18411303	CHR4:18411303	SSF x LoA	-8,442	-0,004	0,290
CHR4	18411483	CHR4:18411483	SSF x LoA	-2,676	-0,128	0,286

CHR4	18411519	CHR4:18411519	SSF x LoA	-8,328	0,005	0,296
CHR4	18468167	CHR4:18468167	SSF x LoA	-8,253	0,045	0,280
CHR4	18468221	CHR4:18468221	SSF x LoA	-8,124	-0,005	0,286
CHR4	18468317	CHR4:18468317	SSF x LoA	-8,530	0,019	0,288
CHR4	18478057	CHR4:18478057	SSF x LoA	-8,315	0,006	0,289
CHR4	18507154	CHR4:18507154	SSF x LoA	-10,845	0,016	0,285
CHR4	18510278	CHR4:18510278	SSF x LoA	-6,289	-0,183	0,286
CHR4	18511869	CHR4:18511869	SSF x LoA	-10,624	0,051	0,280
CHR4	18517302	CHR4:18517302	SSF x LoA	-9,208	-0,141	0,275
CHR4	18517307	CHR4:18517307	SSF x LoA	-9,501	-0,040	0,293
CHR4	18517564	CHR4:18517564	SSF x LoA	-9,198	0,159	0,275
CHR4	1868971	CHR4:1868971	SSF x LoA	-7,893	-0,010	0,294
CHR4	1869290	CHR4:1869290	SSF x LoA	-8,002	0,022	0,309
CHR4	193007	CHR4:193007	SSF x LoA	-8,874	-0,003	0,278
CHR4	193063	CHR4:193063	SSF x LoA	-6,516	-0,005	0,292
CHR4	193285	CHR4:193285	SSF x LoA	-7,046	-0,136	0,289
CHR4	193308	CHR4:193308	SSF x LoA	-8,474	-0,059	0,292
CHR4	195691	CHR4:195691	SSF x LoA	-9,096	0,000	0,287
CHR4	195773	CHR4:195773	SSF x LoA	-8,909	-0,096	0,294
CHR4	197742	CHR4:197742	SSF x LoA	-8,507	0,122	0,291
CHR4	212503	CHR4:212503	SSF x LoA	-6,721	-0,143	0,286
CHR4	2160824	CHR4:2160824	SSF x LoA	-8,210	0,023	0,288
CHR4	2317245	CHR4:2317245	SSF x LoA	-7,111	-0,008	0,308
CHR4	2327338	CHR4:2327338	SSF x LoA	-5,725	0,044	0,306
CHR4	2328168	CHR4:2328168	SSF x LoA	-8,225	-0,051	0,304
CHR4	2422316	CHR4:2422316	SSF x LoA	-7,936	0,002	0,310
CHR4	2612976	CHR4:2612976	SSF x LoA	-6,913	-0,042	0,312
CHR4	272774	CHR4:272774	SSF x LoA	-9,819	-0,012	0,289
CHR4	272887	CHR4:272887	SSF x LoA	-8,706	0,074	0,284
CHR4	273066	CHR4:273066	SSF x LoA	-8,965	-0,031	0,274
CHR4	282675	CHR4:282675	SSF x LoA	-10,643	0,050	0,284
CHR4	2859824	CHR4:2859824	SSF x LoA	-5,159	0,213	0,274
CHR4	2862671	CHR4:2862671	SSF x LoA	-9,659	0,061	0,301
CHR4	2916179	CHR4:2916179	SSF x LoA	-9,154	0,034	0,293
CHR4	295966	CHR4:295966	SSF x LoA	-8,808	0,093	0,290
CHR4	295989	CHR4:295989	SSF x LoA	-8,041	0,031	0,290
CHR4	303149	CHR4:303149	SSF x LoA	-9,877	-0,081	0,294
CHR4	306586	CHR4:306586	SSF x LoA	-9,377	0,080	0,302
CHR4	306602	CHR4:306602	SSF x LoA	-9,001	0,002	0,292
CHR4	306603	CHR4:306603	SSF x LoA	-9,845	-0,014	0,276
CHR4	3226620	CHR4:3226620	SSF x LoA	-8,804	-0,010	0,286
CHR4	3238956	CHR4:3238956	SSF x LoA	-8,084	0,066	0,284
CHR4	3239036	CHR4:3239036	SSF x LoA	-9,362	0,033	0,295
CHR4	3239115	CHR4:3239115	SSF x LoA	-6,942	-0,090	0,301
CHR4	3239302	CHR4:3239302	SSF x LoA	-8,090	0,054	0,287
CHR4	324664	CHR4:324664	SSF x LoA	-9,589	0,060	0,288
CHR4	3261786	CHR4:3261786	SSF x LoA	-8,175	-0,040	0,295
CHR4	3261791	CHR4:3261791	SSF x LoA	-10,970	0,047	0,295
CHR4	3267005	CHR4:3267005	SSF x LoA	-9,878	0,060	0,284
CHR4	3267058	CHR4:3267058	SSF x LoA	-6,703	-0,021	0,283
CHR4	3346433	CHR4:3346433	SSF x LoA	-8,442	-0,045	0,289
CHR4	3351797	CHR4:3351797	SSF x LoA	-9,205	0,022	0,288
CHR4	3351849	CHR4:3351849	SSF x LoA	-7,748	0,055	0,274

CHR4	3359523	CHR4:3359523	SSF x LoA	-4,957	-0,193	0,279
CHR4	3359544	CHR4:3359544	SSF x LoA	-6,452	0,106	0,285
CHR4	3361468	CHR4:3361468	SSF x LoA	-8,995	0,065	0,272
CHR4	3404343	CHR4:3404343	SSF x LoA	-7,301	0,072	0,281
CHR4	3424867	CHR4:3424867	SSF x LoA	-12,009	0,024	0,289
CHR4	3444805	CHR4:3444805	SSF x LoA	-9,492	0,017	0,299
CHR4	3449730	CHR4:3449730	SSF x LoA	-9,409	0,088	0,282
CHR4	3462584	CHR4:3462584	SSF x LoA	-7,537	0,156	0,280
CHR4	3470364	CHR4:3470364	SSF x LoA	-3,954	0,125	0,291
CHR4	3470376	CHR4:3470376	SSF x LoA	-9,090	-0,028	0,283
CHR4	3470563	CHR4:3470563	SSF x LoA	-9,216	0,005	0,292
CHR4	3479321	CHR4:3479321	SSF x LoA	-8,018	-0,104	0,287
CHR4	3479694	CHR4:3479694	SSF x LoA	-9,218	0,017	0,283
CHR4	3482721	CHR4:3482721	SSF x LoA	-9,007	0,083	0,284
CHR4	3495379	CHR4:3495379	SSF x LoA	-7,528	-0,032	0,274
CHR4	3504236	CHR4:3504236	SSF x LoA	-9,000	-0,066	0,277
CHR4	3504296	CHR4:3504296	SSF x LoA	-8,496	-0,155	0,274
CHR4	3504426	CHR4:3504426	SSF x LoA	-9,520	0,006	0,285
CHR4	3504470	CHR4:3504470	SSF x LoA	-7,823	-0,050	0,296
CHR4	352242	CHR4:352242	SSF x LoA	-7,987	0,002	0,290
CHR4	3529568	CHR4:3529568	SSF x LoA	-8,186	0,056	0,288
CHR4	3531315	CHR4:3531315	SSF x LoA	-8,982	-0,052	0,279
CHR4	3555046	CHR4:3555046	SSF x LoA	-8,645	-0,102	0,292
CHR4	357525	CHR4:357525	SSF x LoA	-8,066	0,150	0,289
CHR4	357616	CHR4:357616	SSF x LoA	-11,018	0,004	0,286
CHR4	357899	CHR4:357899	SSF x LoA	-8,423	-0,047	0,271
CHR4	3653095	CHR4:3653095	SSF x LoA	-9,046	-0,006	0,293
CHR4	3653108	CHR4:3653108	SSF x LoA	-8,960	0,001	0,276
CHR4	3653113	CHR4:3653113	SSF x LoA	-8,874	-0,006	0,291
CHR4	3745852	CHR4:3745852	SSF x LoA	-7,316	-0,055	0,309
CHR4	376024	CHR4:376024	SSF x LoA	-6,629	0,009	0,293
CHR4	376301	CHR4:376301	SSF x LoA	-7,575	0,116	0,279
CHR4	3781479	CHR4:3781479	SSF x LoA	-5,998	-0,001	0,291
CHR4	3794967	CHR4:3794967	SSF x LoA	-11,008	-0,066	0,294
CHR4	3795003	CHR4:3795003	SSF x LoA	-10,717	-0,070	0,294
CHR4	380350	CHR4:380350	SSF x LoA	-9,287	0,102	0,288
CHR4	380405	CHR4:380405	SSF x LoA	-6,713	-0,155	0,290
CHR4	380440	CHR4:380440	SSF x LoA	-5,308	-0,243	0,267
CHR4	380702	CHR4:380702	SSF x LoA	-8,648	0,181	0,267
CHR4	3813375	CHR4:3813375	SSF x LoA	-9,598	-0,053	0,294
CHR4	3813615	CHR4:3813615	SSF x LoA	-8,962	-0,028	0,295
CHR4	408484	CHR4:408484	SSF x LoA	-12,145	-0,051	0,276
CHR4	408611	CHR4:408611	SSF x LoA	-8,811	-0,122	0,285
CHR4	428080	CHR4:428080	SSF x LoA	-10,357	-0,094	0,281
CHR4	428148	CHR4:428148	SSF x LoA	-5,035	0,119	0,299
CHR4	429379	CHR4:429379	SSF x LoA	-7,644	-0,188	0,267
CHR4	429465	CHR4:429465	SSF x LoA	-8,998	0,018	0,301
CHR4	429475	CHR4:429475	SSF x LoA	-10,703	0,003	0,280
CHR4	429631	CHR4:429631	SSF x LoA	-7,580	0,067	0,293
CHR4	429634	CHR4:429634	SSF x LoA	-9,825	0,004	0,290
CHR4	429706	CHR4:429706	SSF x LoA	-10,365	0,034	0,293
CHR4	448807	CHR4:448807	SSF x LoA	-10,177	-0,023	0,295
CHR4	448817	CHR4:448817	SSF x LoA	-0,375	0,165	0,282

CHR4	461324	CHR4:461324	SSF x LoA	-9,903	0,024	0,281
CHR4	461477	CHR4:461477	SSF x LoA	-10,339	-0,002	0,285
CHR4	461517	CHR4:461517	SSF x LoA	-7,165	-0,152	0,286
CHR4	475808	CHR4:475808	SSF x LoA	-7,458	-0,005	0,288
CHR4	482908	CHR4:482908	SSF x LoA	-8,182	-0,115	0,283
CHR4	482952	CHR4:482952	SSF x LoA	-10,234	0,006	0,294
CHR4	483016	CHR4:483016	SSF x LoA	-9,658	-0,035	0,284
CHR4	483052	CHR4:483052	SSF x LoA	-6,445	0,149	0,291
CHR4	483129	CHR4:483129	SSF x LoA	-9,539	0,048	0,276
CHR4	483177	CHR4:483177	SSF x LoA	-7,058	-0,045	0,293
CHR4	487428	CHR4:487428	SSF x LoA	-5,652	-0,169	0,278
CHR4	487438	CHR4:487438	SSF x LoA	-9,889	-0,116	0,290
CHR4	487696	CHR4:487696	SSF x LoA	-7,764	-0,101	0,261
CHR4	487714	CHR4:487714	SSF x LoA	-9,263	-0,003	0,290
CHR4	487716	CHR4:487716	SSF x LoA	-10,111	-0,039	0,273
CHR4	487739	CHR4:487739	SSF x LoA	-10,456	0,075	0,289
CHR4	516830	CHR4:516830	SSF x LoA	-10,406	-0,082	0,285
CHR4	545287	CHR4:545287	SSF x LoA	-7,349	0,063	0,302
CHR4	545332	CHR4:545332	SSF x LoA	-7,255	-0,118	0,283
CHR4	545374	CHR4:545374	SSF x LoA	-8,523	-0,009	0,299
CHR4	55705	CHR4:55705	SSF x LoA	-7,157	-0,173	0,268
CHR4	560551	CHR4:560551	SSF x LoA	-6,562	-0,124	0,285
CHR4	562085	CHR4:562085	SSF x LoA	-8,042	0,051	0,295
CHR4	562161	CHR4:562161	SSF x LoA	-9,023	0,033	0,297
CHR4	562294	CHR4:562294	SSF x LoA	-8,931	0,123	0,281
CHR4	5759574	CHR4:5759574	SSF x LoA	-7,966	-0,059	0,278
CHR4	576621	CHR4:576621	SSF x LoA	-10,456	-0,078	0,283
CHR4	577741	CHR4:577741	SSF x LoA	-4,494	-0,158	0,275
CHR4	5778543	CHR4:5778543	SSF x LoA	-9,699	-0,033	0,296
CHR4	5795464	CHR4:5795464	SSF x LoA	-8,679	-0,043	0,281
CHR4	5795551	CHR4:5795551	SSF x LoA	-8,784	0,009	0,288
CHR4	5803119	CHR4:5803119	SSF x LoA	-8,134	-0,113	0,293
CHR4	5817379	CHR4:5817379	SSF x LoA	-7,801	-0,185	0,291
CHR4	58353	CHR4:58353	SSF x LoA	-10,942	0,011	0,283
CHR4	585073	CHR4:585073	SSF x LoA	-9,028	0,080	0,283
CHR4	585090	CHR4:585090	SSF x LoA	-9,353	-0,023	0,287
CHR4	5921963	CHR4:5921963	SSF x LoA	-9,274	0,053	0,274
CHR4	5927726	CHR4:5927726	SSF x LoA	-9,443	0,070	0,292
CHR4	5927923	CHR4:5927923	SSF x LoA	-8,200	0,006	0,301
CHR4	5953571	CHR4:5953571	SSF x LoA	-8,559	-0,069	0,285
CHR4	595562	CHR4:595562	SSF x LoA	-4,229	-0,200	0,277
CHR4	596033	CHR4:596033	SSF x LoA	-10,563	0,068	0,297
CHR4	596192	CHR4:596192	SSF x LoA	-6,453	0,163	0,277
CHR4	60038	CHR4:60038	SSF x LoA	-8,876	-0,124	0,283
CHR4	60087	CHR4:60087	SSF x LoA	-8,533	-0,073	0,281
CHR4	6009734	CHR4:6009734	SSF x LoA	-7,913	0,088	0,293
CHR4	6009750	CHR4:6009750	SSF x LoA	-9,966	-0,037	0,298
CHR4	6023975	CHR4:6023975	SSF x LoA	-8,408	-0,086	0,286
CHR4	6055744	CHR4:6055744	SSF x LoA	-9,721	0,075	0,294
CHR4	607407	CHR4:607407	SSF x LoA	-9,396	0,038	0,289
CHR4	607422	CHR4:607422	SSF x LoA	-8,680	0,066	0,296
CHR4	607428	CHR4:607428	SSF x LoA	-9,852	0,075	0,285
CHR4	6084122	CHR4:6084122	SSF x LoA	-11,027	0,069	0,277

CHR4	6095317	CHR4:6095317	SSF x LoA	-8,978	0,014	0,277
CHR4	6095344	CHR4:6095344	SSF x LoA	-3,947	-0,198	0,272
CHR4	6104532	CHR4:6104532	SSF x LoA	-8,774	-0,067	0,300
CHR4	6104533	CHR4:6104533	SSF x LoA	-8,338	-0,127	0,288
CHR4	611938	CHR4:611938	SSF x LoA	-7,880	-0,127	0,281
CHR4	612082	CHR4:612082	SSF x LoA	-7,102	-0,071	0,291
CHR4	613396	CHR4:613396	SSF x LoA	-11,099	-0,040	0,292
CHR4	6135301	CHR4:6135301	SSF x LoA	-7,298	0,068	0,299
CHR4	6143464	CHR4:6143464	SSF x LoA	-8,995	-0,027	0,290
CHR4	6145417	CHR4:6145417	SSF x LoA	-8,671	-0,005	0,282
CHR4	615609	CHR4:615609	SSF x LoA	-10,424	0,018	0,299
CHR4	6161399	CHR4:6161399	SSF x LoA	-10,578	-0,027	0,294
CHR4	6161449	CHR4:6161449	SSF x LoA	-8,032	0,075	0,280
CHR4	6161519	CHR4:6161519	SSF x LoA	-10,046	-0,014	0,291
CHR4	6169404	CHR4:6169404	SSF x LoA	-6,660	-0,029	0,299
CHR4	6169408	CHR4:6169408	SSF x LoA	-8,431	-0,139	0,270
CHR4	617349	CHR4:617349	SSF x LoA	-8,440	0,089	0,305
CHR4	617363	CHR4:617363	SSF x LoA	-9,013	-0,099	0,291
CHR4	617653	CHR4:617653	SSF x LoA	-7,350	0,037	0,306
CHR4	6180375	CHR4:6180375	SSF x LoA	-5,306	0,130	0,284
CHR4	6180414	CHR4:6180414	SSF x LoA	-8,753	0,103	0,287
CHR4	6181093	CHR4:6181093	SSF x LoA	-8,470	-0,024	0,286
CHR4	6181101	CHR4:6181101	SSF x LoA	-10,207	0,042	0,289
CHR4	6191246	CHR4:6191246	SSF x LoA	-9,322	-0,023	0,283
CHR4	6207136	CHR4:6207136	SSF x LoA	-10,049	-0,070	0,288
CHR4	624189	CHR4:624189	SSF x LoA	-8,744	0,038	0,292
CHR4	6281753	CHR4:6281753	SSF x LoA	-11,365	-0,001	0,297
CHR4	6281769	CHR4:6281769	SSF x LoA	-10,949	-0,047	0,286
CHR4	6281886	CHR4:6281886	SSF x LoA	-9,725	-0,017	0,299
CHR4	6281910	CHR4:6281910	SSF x LoA	-10,285	0,102	0,275
CHR4	6281911	CHR4:6281911	SSF x LoA	-9,029	-0,055	0,296
CHR4	6281912	CHR4:6281912	SSF x LoA	-9,707	-0,015	0,291
CHR4	6300353	CHR4:6300353	SSF x LoA	-4,804	-0,051	0,289
CHR4	6308102	CHR4:6308102	SSF x LoA	-4,645	0,167	0,286
CHR4	6308112	CHR4:6308112	SSF x LoA	-10,855	0,077	0,279
CHR4	6308297	CHR4:6308297	SSF x LoA	-3,398	-0,119	0,290
CHR4	6311062	CHR4:6311062	SSF x LoA	-8,599	-0,068	0,296
CHR4	6321805	CHR4:6321805	SSF x LoA	-7,749	0,028	0,301
CHR4	6335611	CHR4:6335611	SSF x LoA	-11,348	0,036	0,278
CHR4	6335824	CHR4:6335824	SSF x LoA	-8,682	-0,015	0,277
CHR4	6335851	CHR4:6335851	SSF x LoA	-10,646	0,021	0,288
CHR4	6339379	CHR4:6339379	SSF x LoA	-6,828	0,103	0,302
CHR4	6339397	CHR4:6339397	SSF x LoA	-8,692	0,039	0,293
CHR4	6343287	CHR4:6343287	SSF x LoA	-7,960	0,051	0,292
CHR4	6346180	CHR4:6346180	SSF x LoA	-0,340	-0,047	0,298
CHR4	6346196	CHR4:6346196	SSF x LoA	-5,841	0,027	0,278
CHR4	6351766	CHR4:6351766	SSF x LoA	-11,630	0,017	0,289
CHR4	6358248	CHR4:6358248	SSF x LoA	-8,284	-0,061	0,291
CHR4	6358354	CHR4:6358354	SSF x LoA	-9,949	0,045	0,287
CHR4	6365656	CHR4:6365656	SSF x LoA	-8,327	-0,045	0,294
CHR4	6375701	CHR4:6375701	SSF x LoA	-8,041	-0,031	0,299
CHR4	6375725	CHR4:6375725	SSF x LoA	-7,505	-0,072	0,290
CHR4	6375798	CHR4:6375798	SSF x LoA	-9,879	0,007	0,287

CHR4	6375926	CHR4:6375926	SSF x LoA	-8,846	-0,006	0,294
CHR4	6381296	CHR4:6381296	SSF x LoA	-8,956	0,009	0,279
CHR4	6383424	CHR4:6383424	SSF x LoA	-10,040	0,019	0,296
CHR4	6383505	CHR4:6383505	SSF x LoA	-1,921	-0,131	0,270
CHR4	6400063	CHR4:6400063	SSF x LoA	-7,517	0,042	0,295
CHR4	6434247	CHR4:6434247	SSF x LoA	-10,098	0,000	0,282
CHR4	6457754	CHR4:6457754	SSF x LoA	-10,657	-0,014	0,276
CHR4	6474224	CHR4:6474224	SSF x LoA	-6,740	-0,145	0,278
CHR4	6474453	CHR4:6474453	SSF x LoA	-5,628	-0,118	0,284
CHR4	6474470	CHR4:6474470	SSF x LoA	-4,919	0,214	0,289
CHR4	6474510	CHR4:6474510	SSF x LoA	-3,603	0,235	0,266
CHR4	6479906	CHR4:6479906	SSF x LoA	-5,822	0,229	0,284
CHR4	6483329	CHR4:6483329	SSF x LoA	-4,911	0,015	0,311
CHR4	6495524	CHR4:6495524	SSF x LoA	-9,011	-0,026	0,287
CHR4	6495647	CHR4:6495647	SSF x LoA	-11,027	0,042	0,282
CHR4	6495768	CHR4:6495768	SSF x LoA	-7,522	-0,113	0,279
CHR4	6500159	CHR4:6500159	SSF x LoA	-7,663	-0,135	0,305
CHR4	6500169	CHR4:6500169	SSF x LoA	-8,435	-0,051	0,297
CHR4	6500228	CHR4:6500228	SSF x LoA	-7,904	-0,055	0,291
CHR4	6500990	CHR4:6500990	SSF x LoA	-8,828	0,007	0,280
CHR4	6502609	CHR4:6502609	SSF x LoA	-6,946	0,028	0,296
CHR4	6502718	CHR4:6502718	SSF x LoA	-6,459	0,070	0,300
CHR4	6502729	CHR4:6502729	SSF x LoA	-6,790	0,013	0,295
CHR4	6502730	CHR4:6502730	SSF x LoA	-4,880	0,009	0,292
CHR4	6508802	CHR4:6508802	SSF x LoA	-3,153	-0,095	0,275
CHR4	6508805	CHR4:6508805	SSF x LoA	-9,643	-0,112	0,279
CHR4	6508823	CHR4:6508823	SSF x LoA	-10,350	-0,039	0,293
CHR4	6508963	CHR4:6508963	SSF x LoA	-10,137	-0,032	0,298
CHR4	6509580	CHR4:6509580	SSF x LoA	-7,388	-0,078	0,308
CHR4	6509732	CHR4:6509732	SSF x LoA	-8,007	-0,091	0,291
CHR4	6509762	CHR4:6509762	SSF x LoA	-8,340	-0,083	0,280
CHR4	6538963	CHR4:6538963	SSF x LoA	-8,245	-0,024	0,269
CHR4	6538976	CHR4:6538976	SSF x LoA	-8,330	-0,020	0,267
CHR4	6539122	CHR4:6539122	SSF x LoA	-10,341	0,057	0,301
CHR4	6539226	CHR4:6539226	SSF x LoA	-1,086	0,052	0,274
CHR4	654446	CHR4:654446	SSF x LoA	-8,583	0,033	0,299
CHR4	654486	CHR4:654486	SSF x LoA	-6,409	0,062	0,283
CHR4	654508	CHR4:654508	SSF x LoA	-8,938	-0,118	0,303
CHR4	6554115	CHR4:6554115	SSF x LoA	-10,290	0,061	0,282
CHR4	6554331	CHR4:6554331	SSF x LoA	-8,445	0,033	0,286
CHR4	6554349	CHR4:6554349	SSF x LoA	-10,146	0,062	0,292
CHR4	6554353	CHR4:6554353	SSF x LoA	-11,100	-0,087	0,279
CHR4	6563684	CHR4:6563684	SSF x LoA	-10,849	-0,038	0,288
CHR4	6569283	CHR4:6569283	SSF x LoA	-8,284	-0,032	0,286
CHR4	657078	CHR4:657078	SSF x LoA	-10,675	-0,022	0,287
CHR4	6589581	CHR4:6589581	SSF x LoA	-6,738	0,122	0,282
CHR4	659207	CHR4:659207	SSF x LoA	-8,826	0,051	0,293
CHR4	659332	CHR4:659332	SSF x LoA	-9,373	-0,065	0,295
CHR4	659362	CHR4:659362	SSF x LoA	-8,585	-0,124	0,283
CHR4	6597616	CHR4:6597616	SSF x LoA	-9,567	-0,026	0,288
CHR4	6597636	CHR4:6597636	SSF x LoA	-6,772	-0,148	0,282
CHR4	6597677	CHR4:6597677	SSF x LoA	-7,299	-0,193	0,288
CHR4	6605521	CHR4:6605521	SSF x LoA	-8,619	0,053	0,300

CHR4	6605729	CHR4:6605729	SSF x LoA	-8,509	-0,001	0,280
CHR4	6620541	CHR4:6620541	SSF x LoA	-7,610	-0,061	0,282
CHR4	6623650	CHR4:6623650	SSF x LoA	-9,188	0,044	0,286
CHR4	6623654	CHR4:6623654	SSF x LoA	-8,048	0,072	0,301
CHR4	6626487	CHR4:6626487	SSF x LoA	-9,290	0,022	0,278
CHR4	663934	CHR4:663934	SSF x LoA	-10,984	0,068	0,281
CHR4	663936	CHR4:663936	SSF x LoA	-10,415	0,063	0,274
CHR4	663950	CHR4:663950	SSF x LoA	-5,176	0,070	0,302
CHR4	663995	CHR4:663995	SSF x LoA	-10,847	0,020	0,278
CHR4	6644386	CHR4:6644386	SSF x LoA	-9,621	-0,016	0,283
CHR4	6644472	CHR4:6644472	SSF x LoA	-8,382	0,049	0,290
CHR4	6644483	CHR4:6644483	SSF x LoA	-9,562	0,005	0,303
CHR4	6650282	CHR4:6650282	SSF x LoA	-7,998	-0,112	0,283
CHR4	6650474	CHR4:6650474	SSF x LoA	-10,803	-0,056	0,287
CHR4	6651587	CHR4:6651587	SSF x LoA	-8,246	0,044	0,296
CHR4	6651613	CHR4:6651613	SSF x LoA	-8,398	0,040	0,295
CHR4	6651614	CHR4:6651614	SSF x LoA	-10,940	0,006	0,295
CHR4	6659544	CHR4:6659544	SSF x LoA	-9,128	0,094	0,285
CHR4	6659566	CHR4:6659566	SSF x LoA	-9,137	0,015	0,298
CHR4	670504	CHR4:670504	SSF x LoA	-8,973	-0,039	0,269
CHR4	6717587	CHR4:6717587	SSF x LoA	-9,849	0,078	0,286
CHR4	6717720	CHR4:6717720	SSF x LoA	-4,754	0,023	0,287
CHR4	6721224	CHR4:6721224	SSF x LoA	-10,567	-0,038	0,290
CHR4	6721426	CHR4:6721426	SSF x LoA	-10,573	0,033	0,288
CHR4	6734052	CHR4:6734052	SSF x LoA	-8,155	-0,118	0,294
CHR4	6738486	CHR4:6738486	SSF x LoA	-8,263	0,000	0,299
CHR4	6741133	CHR4:6741133	SSF x LoA	-7,946	0,028	0,278
CHR4	6741212	CHR4:6741212	SSF x LoA	-7,894	-0,005	0,287
CHR4	6741233	CHR4:6741233	SSF x LoA	-7,371	-0,006	0,314
CHR4	6746072	CHR4:6746072	SSF x LoA	-5,361	0,146	0,289
CHR4	6746261	CHR4:6746261	SSF x LoA	-8,044	0,065	0,288
CHR4	6746331	CHR4:6746331	SSF x LoA	-6,416	0,102	0,283
CHR4	6758374	CHR4:6758374	SSF x LoA	-8,941	0,002	0,304
CHR4	6758428	CHR4:6758428	SSF x LoA	-7,299	0,060	0,298
CHR4	6758505	CHR4:6758505	SSF x LoA	-9,273	0,053	0,297
CHR4	6758507	CHR4:6758507	SSF x LoA	-7,293	0,061	0,305
CHR4	6763530	CHR4:6763530	SSF x LoA	-8,773	-0,035	0,280
CHR4	6763742	CHR4:6763742	SSF x LoA	-10,828	0,073	0,289
CHR4	6766041	CHR4:6766041	SSF x LoA	-9,549	-0,114	0,286
CHR4	6766094	CHR4:6766094	SSF x LoA	-9,793	-0,012	0,287
CHR4	6766103	CHR4:6766103	SSF x LoA	-8,255	-0,056	0,289
CHR4	6766107	CHR4:6766107	SSF x LoA	-8,422	-0,119	0,303
CHR4	676820	CHR4:676820	SSF x LoA	-9,086	-0,101	0,288
CHR4	676935	CHR4:676935	SSF x LoA	-9,299	-0,127	0,285
CHR4	676939	CHR4:676939	SSF x LoA	-7,803	-0,116	0,300
CHR4	6773599	CHR4:6773599	SSF x LoA	-6,359	0,171	0,282
CHR4	6773752	CHR4:6773752	SSF x LoA	-10,460	0,064	0,281
CHR4	677901	CHR4:677901	SSF x LoA	-8,339	0,039	0,291
CHR4	6810277	CHR4:6810277	SSF x LoA	-10,981	0,070	0,298
CHR4	6810308	CHR4:6810308	SSF x LoA	-9,542	-0,037	0,294
CHR4	6810410	CHR4:6810410	SSF x LoA	-7,573	-0,113	0,302
CHR4	6810464	CHR4:6810464	SSF x LoA	-9,765	-0,004	0,284
CHR4	6810489	CHR4:6810489	SSF x LoA	-9,565	-0,184	0,275

CHR4	6829859	CHR4:6829859	SSF x LoA	-5,275	0,113	0,290
CHR4	6834361	CHR4:6834361	SSF x LoA	-10,731	0,060	0,284
CHR4	6854846	CHR4:6854846	SSF x LoA	-9,583	-0,040	0,292
CHR4	6862294	CHR4:6862294	SSF x LoA	-9,360	0,027	0,302
CHR4	6865701	CHR4:6865701	SSF x LoA	-10,104	0,050	0,296
CHR4	6865769	CHR4:6865769	SSF x LoA	-5,183	0,249	0,271
CHR4	6865790	CHR4:6865790	SSF x LoA	-5,733	0,213	0,280
CHR4	6867798	CHR4:6867798	SSF x LoA	-11,031	-0,017	0,308
CHR4	6877219	CHR4:6877219	SSF x LoA	-7,523	-0,093	0,279
CHR4	6877224	CHR4:6877224	SSF x LoA	-7,727	-0,045	0,298
CHR4	6877232	CHR4:6877232	SSF x LoA	-8,990	0,094	0,281
CHR4	687940	CHR4:687940	SSF x LoA	-7,677	-0,131	0,284
CHR4	688032	CHR4:688032	SSF x LoA	-7,844	-0,154	0,290
CHR4	688973	CHR4:688973	SSF x LoA	-4,386	0,182	0,263
CHR4	6891226	CHR4:6891226	SSF x LoA	-10,807	0,083	0,294
CHR4	689126	CHR4:689126	SSF x LoA	-8,502	0,042	0,276
CHR4	6891338	CHR4:6891338	SSF x LoA	-8,866	0,169	0,292
CHR4	6900449	CHR4:6900449	SSF x LoA	-11,343	0,050	0,288
CHR4	6900482	CHR4:6900482	SSF x LoA	-10,066	0,026	0,294
CHR4	6900485	CHR4:6900485	SSF x LoA	-10,338	-0,005	0,281
CHR4	6900746	CHR4:6900746	SSF x LoA	-8,828	0,053	0,262
CHR4	6905094	CHR4:6905094	SSF x LoA	-10,626	-0,065	0,287
CHR4	6905101	CHR4:6905101	SSF x LoA	-9,094	-0,002	0,304
CHR4	6905173	CHR4:6905173	SSF x LoA	-7,819	0,090	0,295
CHR4	6905366	CHR4:6905366	SSF x LoA	-9,796	0,039	0,278
CHR4	6905373	CHR4:6905373	SSF x LoA	-8,354	-0,009	0,284
CHR4	6905404	CHR4:6905404	SSF x LoA	-9,839	0,009	0,276
CHR4	6905416	CHR4:6905416	SSF x LoA	-7,610	0,031	0,289
CHR4	6910430	CHR4:6910430	SSF x LoA	-7,715	-0,015	0,300
CHR4	6917777	CHR4:6917777	SSF x LoA	-7,407	-0,118	0,279
CHR4	6917818	CHR4:6917818	SSF x LoA	-2,697	0,139	0,306
CHR4	692154	CHR4:692154	SSF x LoA	-7,815	-0,071	0,279
CHR4	6926249	CHR4:6926249	SSF x LoA	-10,641	-0,033	0,289
CHR4	6928336	CHR4:6928336	SSF x LoA	-10,261	-0,005	0,295
CHR4	6928669	CHR4:6928669	SSF x LoA	-9,190	-0,144	0,286
CHR4	6930129	CHR4:6930129	SSF x LoA	-8,504	0,087	0,296
CHR4	6931196	CHR4:6931196	SSF x LoA	-9,135	0,045	0,296
CHR4	6931488	CHR4:6931488	SSF x LoA	-8,776	0,112	0,279
CHR4	693492	CHR4:693492	SSF x LoA	-7,291	-0,101	0,281
CHR4	693629	CHR4:693629	SSF x LoA	-6,092	0,113	0,286
CHR4	6952997	CHR4:6952997	SSF x LoA	-9,508	-0,185	0,269
CHR4	7013818	CHR4:7013818	SSF x LoA	-8,567	-0,082	0,291
CHR4	7022365	CHR4:7022365	SSF x LoA	-11,096	0,003	0,287
CHR4	7032987	CHR4:7032987	SSF x LoA	-9,927	-0,068	0,290
CHR4	7033032	CHR4:7033032	SSF x LoA	-7,713	0,072	0,298
CHR4	7033058	CHR4:7033058	SSF x LoA	-6,509	0,021	0,301
CHR4	7051883	CHR4:7051883	SSF x LoA	-7,549	0,025	0,284
CHR4	7062004	CHR4:7062004	SSF x LoA	-5,578	-0,148	0,286
CHR4	7064662	CHR4:7064662	SSF x LoA	-8,006	-0,129	0,296
CHR4	7064723	CHR4:7064723	SSF x LoA	-7,264	-0,136	0,288
CHR4	7067198	CHR4:7067198	SSF x LoA	-8,068	0,053	0,301
CHR4	7067204	CHR4:7067204	SSF x LoA	-7,633	0,063	0,297
CHR4	7067211	CHR4:7067211	SSF x LoA	-7,153	0,058	0,301

CHR4	7067223	CHR4:7067223	SSF x LoA	-3,224	-0,096	0,297
CHR4	7067262	CHR4:7067262	SSF x LoA	-7,272	0,040	0,305
CHR4	7067280	CHR4:7067280	SSF x LoA	-10,226	0,063	0,305
CHR4	7067326	CHR4:7067326	SSF x LoA	-1,762	-0,047	0,292
CHR4	7067387	CHR4:7067387	SSF x LoA	-8,432	0,069	0,292
CHR4	7077718	CHR4:7077718	SSF x LoA	-7,893	0,019	0,293
CHR4	7079391	CHR4:7079391	SSF x LoA	-8,176	-0,064	0,294
CHR4	7079615	CHR4:7079615	SSF x LoA	-5,572	0,155	0,276
CHR4	7079795	CHR4:7079795	SSF x LoA	-8,195	0,004	0,291
CHR4	7079805	CHR4:7079805	SSF x LoA	-5,425	-0,009	0,296
CHR4	7089460	CHR4:7089460	SSF x LoA	-8,222	0,001	0,285
CHR4	7089463	CHR4:7089463	SSF x LoA	-8,966	0,037	0,289
CHR4	7089465	CHR4:7089465	SSF x LoA	-10,502	-0,064	0,286
CHR4	7089758	CHR4:7089758	SSF x LoA	-8,705	0,064	0,285
CHR4	7094575	CHR4:7094575	SSF x LoA	-8,809	0,002	0,304
CHR4	709475	CHR4:709475	SSF x LoA	-9,229	-0,110	0,273
CHR4	7108592	CHR4:7108592	SSF x LoA	-10,290	0,000	0,302
CHR4	7108596	CHR4:7108596	SSF x LoA	-8,416	0,073	0,288
CHR4	7108654	CHR4:7108654	SSF x LoA	-10,012	0,000	0,294
CHR4	7111106	CHR4:7111106	SSF x LoA	-10,280	0,062	0,299
CHR4	716600	CHR4:716600	SSF x LoA	-10,413	0,091	0,279
CHR4	716759	CHR4:716759	SSF x LoA	-9,127	-0,028	0,284
CHR4	719434	CHR4:719434	SSF x LoA	-8,743	-0,077	0,284
CHR4	719527	CHR4:719527	SSF x LoA	-4,759	-0,232	0,273
CHR4	7216900	CHR4:7216900	SSF x LoA	-7,698	0,161	0,270
CHR4	722079	CHR4:722079	SSF x LoA	-7,385	-0,083	0,267
CHR4	7224516	CHR4:7224516	SSF x LoA	-9,307	0,000	0,277
CHR4	7231376	CHR4:7231376	SSF x LoA	-6,357	-0,166	0,284
CHR4	7234604	CHR4:7234604	SSF x LoA	-11,552	0,049	0,287
CHR4	7236638	CHR4:7236638	SSF x LoA	-6,765	-0,039	0,276
CHR4	7236711	CHR4:7236711	SSF x LoA	-9,831	0,129	0,290
CHR4	7238862	CHR4:7238862	SSF x LoA	-11,043	-0,021	0,279
CHR4	7239002	CHR4:7239002	SSF x LoA	-9,978	-0,050	0,282
CHR4	7245755	CHR4:7245755	SSF x LoA	-9,343	0,000	0,286
CHR4	7245931	CHR4:7245931	SSF x LoA	-9,695	-0,067	0,281
CHR4	7246061	CHR4:7246061	SSF x LoA	-8,394	-0,043	0,290
CHR4	7254699	CHR4:7254699	SSF x LoA	-7,859	-0,167	0,285
CHR4	7254734	CHR4:7254734	SSF x LoA	-7,305	-0,086	0,290
CHR4	7254771	CHR4:7254771	SSF x LoA	-1,716	0,161	0,283
CHR4	7254817	CHR4:7254817	SSF x LoA	-10,066	0,001	0,281
CHR4	7254846	CHR4:7254846	SSF x LoA	-6,026	-0,121	0,281
CHR4	7266524	CHR4:7266524	SSF x LoA	-9,864	-0,107	0,274
CHR4	7266537	CHR4:7266537	SSF x LoA	-4,649	-0,162	0,271
CHR4	7266629	CHR4:7266629	SSF x LoA	-7,067	-0,139	0,280
CHR4	7266775	CHR4:7266775	SSF x LoA	-10,376	0,078	0,278
CHR4	7266778	CHR4:7266778	SSF x LoA	-10,116	-0,052	0,287
CHR4	7267964	CHR4:7267964	SSF x LoA	-8,233	0,028	0,289
CHR4	7268012	CHR4:7268012	SSF x LoA	-7,395	-0,080	0,300
CHR4	7277491	CHR4:7277491	SSF x LoA	-8,917	-0,005	0,295
CHR4	7277655	CHR4:7277655	SSF x LoA	-8,959	-0,034	0,301
CHR4	7277656	CHR4:7277656	SSF x LoA	-8,468	-0,020	0,293
CHR4	7281545	CHR4:7281545	SSF x LoA	-9,173	0,010	0,297
CHR4	7281577	CHR4:7281577	SSF x LoA	-7,333	-0,081	0,286

CHR4	7281622	CHR4:7281622	SSF x LoA	-7,950	0,078	0,287
CHR4	7281740	CHR4:7281740	SSF x LoA	-4,652	-0,177	0,276
CHR4	7281772	CHR4:7281772	SSF x LoA	-6,962	-0,128	0,285
CHR4	7293994	CHR4:7293994	SSF x LoA	-8,822	-0,049	0,285
CHR4	7302189	CHR4:7302189	SSF x LoA	-8,873	-0,043	0,297
CHR4	7302200	CHR4:7302200	SSF x LoA	-7,526	0,087	0,289
CHR4	7311165	CHR4:7311165	SSF x LoA	6,179	-0,160	0,291
CHR4	7311302	CHR4:7311302	SSF x LoA	-7,915	0,014	0,292
CHR4	7311541	CHR4:7311541	SSF x LoA	-9,760	0,043	0,282
CHR4	7336548	CHR4:7336548	SSF x LoA	-10,941	-0,064	0,297
CHR4	7340106	CHR4:7340106	SSF x LoA	-8,428	-0,029	0,305
CHR4	7340133	CHR4:7340133	SSF x LoA	-7,784	-0,146	0,289
CHR4	7381418	CHR4:7381418	SSF x LoA	-3,080	0,123	0,301
CHR4	7381492	CHR4:7381492	SSF x LoA	-5,620	0,110	0,278
CHR4	7381532	CHR4:7381532	SSF x LoA	-6,239	0,109	0,281
CHR4	7381547	CHR4:7381547	SSF x LoA	-9,425	0,070	0,306
CHR4	7391045	CHR4:7391045	SSF x LoA	-9,011	0,166	0,272
CHR4	7391237	CHR4:7391237	SSF x LoA	-6,253	0,106	0,279
CHR4	7391258	CHR4:7391258	SSF x LoA	-8,909	0,046	0,289
CHR4	7401505	CHR4:7401505	SSF x LoA	-9,936	-0,105	0,272
CHR4	741597	CHR4:741597	SSF x LoA	-9,175	0,103	0,282
CHR4	741726	CHR4:741726	SSF x LoA	-11,304	0,033	0,285
CHR4	742954	CHR4:742954	SSF x LoA	-7,881	0,001	0,295
CHR4	7433671	CHR4:7433671	SSF x LoA	-8,102	-0,026	0,289
CHR4	7433861	CHR4:7433861	SSF x LoA	-5,797	0,159	0,290
CHR4	7452178	CHR4:7452178	SSF x LoA	-6,096	-0,137	0,281
CHR4	7452250	CHR4:7452250	SSF x LoA	-8,575	-0,005	0,274
CHR4	7475343	CHR4:7475343	SSF x LoA	-8,210	0,086	0,285
CHR4	7475383	CHR4:7475383	SSF x LoA	-9,906	0,048	0,276
CHR4	7475486	CHR4:7475486	SSF x LoA	-9,454	-0,017	0,288
CHR4	7475543	CHR4:7475543	SSF x LoA	-8,054	-0,130	0,276
CHR4	7475600	CHR4:7475600	SSF x LoA	-8,233	-0,055	0,286
CHR4	7477890	CHR4:7477890	SSF x LoA	-6,868	-0,162	0,270
CHR4	7478155	CHR4:7478155	SSF x LoA	-9,847	0,088	0,292
CHR4	7498571	CHR4:7498571	SSF x LoA	-8,124	0,001	0,292
CHR4	7511372	CHR4:7511372	SSF x LoA	-8,871	0,035	0,269
CHR4	7511414	CHR4:7511414	SSF x LoA	-9,776	0,044	0,293
CHR4	7511475	CHR4:7511475	SSF x LoA	-8,993	0,012	0,280
CHR4	7511483	CHR4:7511483	SSF x LoA	-8,858	-0,113	0,295
CHR4	7511568	CHR4:7511568	SSF x LoA	-9,632	0,077	0,300
CHR4	7511608	CHR4:7511608	SSF x LoA	-7,721	-0,056	0,291
CHR4	7511615	CHR4:7511615	SSF x LoA	-8,918	-0,004	0,288
CHR4	7511640	CHR4:7511640	SSF x LoA	-8,531	0,001	0,280
CHR4	7524356	CHR4:7524356	SSF x LoA	-7,818	-0,035	0,305
CHR4	7524369	CHR4:7524369	SSF x LoA	-6,138	-0,034	0,300
CHR4	7524374	CHR4:7524374	SSF x LoA	-9,723	-0,016	0,290
CHR4	7524375	CHR4:7524375	SSF x LoA	-9,783	0,022	0,279
CHR4	7524420	CHR4:7524420	SSF x LoA	-8,757	0,012	0,298
CHR4	753308	CHR4:753308	SSF x LoA	-10,698	-0,088	0,279
CHR4	7536688	CHR4:7536688	SSF x LoA	-9,087	0,018	0,298
CHR4	7543724	CHR4:7543724	SSF x LoA	-9,269	-0,002	0,293
CHR4	7554917	CHR4:7554917	SSF x LoA	-10,230	-0,024	0,294
CHR4	7567107	CHR4:7567107	SSF x LoA	-7,660	-0,143	0,289

CHR4	7570846	CHR4:7570846	SSF x LoA	-9,416	0,095	0,266
CHR4	7570966	CHR4:7570966	SSF x LoA	-8,033	0,067	0,281
CHR4	7573418	CHR4:7573418	SSF x LoA	-9,542	0,069	0,266
CHR4	7573461	CHR4:7573461	SSF x LoA	-7,841	0,077	0,290
CHR4	758020	CHR4:758020	SSF x LoA	-7,519	0,104	0,293
CHR4	7586524	CHR4:7586524	SSF x LoA	-4,543	0,093	0,284
CHR4	7590426	CHR4:7590426	SSF x LoA	-9,222	0,007	0,295
CHR4	7590481	CHR4:7590481	SSF x LoA	-7,645	0,090	0,290
CHR4	7595402	CHR4:7595402	SSF x LoA	-9,933	-0,086	0,277
CHR4	7595478	CHR4:7595478	SSF x LoA	-9,670	-0,026	0,292
CHR4	7601340	CHR4:7601340	SSF x LoA	-9,229	0,004	0,291
CHR4	7601395	CHR4:7601395	SSF x LoA	-8,881	0,039	0,290
CHR4	7601398	CHR4:7601398	SSF x LoA	-8,134	-0,160	0,278
CHR4	7601410	CHR4:7601410	SSF x LoA	-9,779	-0,137	0,270
CHR4	7601519	CHR4:7601519	SSF x LoA	-6,164	0,110	0,283
CHR4	7601521	CHR4:7601521	SSF x LoA	-8,681	0,048	0,281
CHR4	7601526	CHR4:7601526	SSF x LoA	-10,480	0,074	0,282
CHR4	7604075	CHR4:7604075	SSF x LoA	-9,163	-0,029	0,280
CHR4	7604117	CHR4:7604117	SSF x LoA	-8,354	0,046	0,297
CHR4	7604195	CHR4:7604195	SSF x LoA	-10,189	0,081	0,286
CHR4	7604245	CHR4:7604245	SSF x LoA	-8,546	0,111	0,289
CHR4	7604259	CHR4:7604259	SSF x LoA	-9,030	0,048	0,294
CHR4	7613800	CHR4:7613800	SSF x LoA	-9,721	-0,150	0,276
CHR4	7613903	CHR4:7613903	SSF x LoA	-5,829	0,196	0,282
CHR4	7613908	CHR4:7613908	SSF x LoA	-1,997	0,162	0,288
CHR4	7613925	CHR4:7613925	SSF x LoA	-11,988	-0,006	0,275
CHR4	762703	CHR4:762703	SSF x LoA	-6,747	-0,154	0,286
CHR4	762755	CHR4:762755	SSF x LoA	-5,213	0,153	0,288
CHR4	7627852	CHR4:7627852	SSF x LoA	0,067	-0,163	0,278
CHR4	7627922	CHR4:7627922	SSF x LoA	-8,675	0,071	0,286
CHR4	762798	CHR4:762798	SSF x LoA	-7,005	0,065	0,287
CHR4	7633705	CHR4:7633705	SSF x LoA	-6,792	0,139	0,281
CHR4	7633947	CHR4:7633947	SSF x LoA	-7,246	-0,160	0,287
CHR4	7634004	CHR4:7634004	SSF x LoA	-0,689	-0,250	0,268
CHR4	7640194	CHR4:7640194	SSF x LoA	-8,545	-0,044	0,277
CHR4	7640270	CHR4:7640270	SSF x LoA	-10,181	0,010	0,281
CHR4	7640274	CHR4:7640274	SSF x LoA	-8,698	0,007	0,284
CHR4	7640357	CHR4:7640357	SSF x LoA	-8,786	-0,028	0,297
CHR4	7685628	CHR4:7685628	SSF x LoA	-10,145	-0,028	0,282
CHR4	7730804	CHR4:7730804	SSF x LoA	-9,366	0,050	0,297
CHR4	773330	CHR4:773330	SSF x LoA	-9,775	0,062	0,278
CHR4	7734559	CHR4:7734559	SSF x LoA	-7,806	-0,036	0,273
CHR4	7734652	CHR4:7734652	SSF x LoA	-10,142	-0,057	0,279
CHR4	7742816	CHR4:7742816	SSF x LoA	-8,393	0,029	0,293
CHR4	7742954	CHR4:7742954	SSF x LoA	-8,157	0,102	0,282
CHR4	7770627	CHR4:7770627	SSF x LoA	-9,227	-0,017	0,284
CHR4	7770634	CHR4:7770634	SSF x LoA	-7,662	-0,019	0,293
CHR4	7770731	CHR4:7770731	SSF x LoA	-3,638	-0,018	0,285
CHR4	7771608	CHR4:7771608	SSF x LoA	-9,963	0,017	0,295
CHR4	7771669	CHR4:7771669	SSF x LoA	-9,426	-0,057	0,294
CHR4	7776545	CHR4:7776545	SSF x LoA	-6,836	0,163	0,300
CHR4	7815040	CHR4:7815040	SSF x LoA	-0,973	0,234	0,288
CHR4	7815109	CHR4:7815109	SSF x LoA	-10,644	-0,021	0,279

CHR4	7819697	CHR4:7819697	SSF x LoA	-5,276	0,132	0,281
CHR4	7820579	CHR4:7820579	SSF x LoA	-10,605	-0,044	0,287
CHR4	7832761	CHR4:7832761	SSF x LoA	-9,058	-0,154	0,295
CHR4	7832821	CHR4:7832821	SSF x LoA	-7,681	-0,143	0,290
CHR4	7832837	CHR4:7832837	SSF x LoA	-9,582	-0,037	0,281
CHR4	7834746	CHR4:7834746	SSF x LoA	-4,094	-0,180	0,282
CHR4	7871231	CHR4:7871231	SSF x LoA	-9,989	-0,012	0,288
CHR4	7871289	CHR4:7871289	SSF x LoA	-7,997	-0,033	0,278
CHR4	7871354	CHR4:7871354	SSF x LoA	-11,336	-0,018	0,300
CHR4	7872844	CHR4:7872844	SSF x LoA	-5,612	0,044	0,292
CHR4	7879290	CHR4:7879290	SSF x LoA	-7,946	0,031	0,311
CHR4	7879365	CHR4:7879365	SSF x LoA	-9,317	0,053	0,296
CHR4	7894267	CHR4:7894267	SSF x LoA	-9,332	-0,041	0,282
CHR4	7894273	CHR4:7894273	SSF x LoA	-7,591	-0,062	0,288
CHR4	7894368	CHR4:7894368	SSF x LoA	-11,237	0,089	0,281
CHR4	7914129	CHR4:7914129	SSF x LoA	-10,450	0,018	0,284
CHR4	7914198	CHR4:7914198	SSF x LoA	-8,332	-0,076	0,292
CHR4	7914210	CHR4:7914210	SSF x LoA	-6,754	-0,020	0,298
CHR4	7925118	CHR4:7925118	SSF x LoA	-10,709	-0,001	0,288
CHR4	7925141	CHR4:7925141	SSF x LoA	-10,341	-0,049	0,290
CHR4	7929082	CHR4:7929082	SSF x LoA	-7,254	-0,046	0,284
CHR4	7929115	CHR4:7929115	SSF x LoA	-7,689	0,123	0,295
CHR4	7929224	CHR4:7929224	SSF x LoA	-6,760	0,101	0,306
CHR4	7940001	CHR4:7940001	SSF x LoA	-6,579	0,132	0,294
CHR4	7940149	CHR4:7940149	SSF x LoA	-2,562	0,234	0,284
CHR4	7940157	CHR4:7940157	SSF x LoA	-9,646	0,001	0,277
CHR4	7941194	CHR4:7941194	SSF x LoA	-7,615	0,151	0,297
CHR4	79426	CHR4:79426	SSF x LoA	-8,808	0,133	0,287
CHR4	7953502	CHR4:7953502	SSF x LoA	-9,311	-0,039	0,277
CHR4	7953513	CHR4:7953513	SSF x LoA	-2,169	-0,133	0,283
CHR4	7953540	CHR4:7953540	SSF x LoA	-9,877	0,034	0,281
CHR4	7953553	CHR4:7953553	SSF x LoA	-9,482	0,004	0,303
CHR4	7993145	CHR4:7993145	SSF x LoA	-6,601	0,099	0,295
CHR4	7993149	CHR4:7993149	SSF x LoA	-8,180	0,082	0,299
CHR4	7993182	CHR4:7993182	SSF x LoA	-8,226	0,065	0,296
CHR4	7993292	CHR4:7993292	SSF x LoA	-7,715	-0,094	0,288
CHR4	7993317	CHR4:7993317	SSF x LoA	-8,041	0,038	0,277
CHR4	7993337	CHR4:7993337	SSF x LoA	-7,645	-0,066	0,287
CHR4	801176	CHR4:801176	SSF x LoA	-6,888	0,120	0,298
CHR4	802458	CHR4:802458	SSF x LoA	-7,625	-0,144	0,292
CHR4	8025605	CHR4:8025605	SSF x LoA	-8,387	0,122	0,282
CHR4	8025608	CHR4:8025608	SSF x LoA	-5,346	0,106	0,285
CHR4	8025740	CHR4:8025740	SSF x LoA	-8,065	-0,025	0,284
CHR4	8051672	CHR4:8051672	SSF x LoA	-4,612	-0,218	0,264
CHR4	8051917	CHR4:8051917	SSF x LoA	-8,513	0,047	0,287
CHR4	8051930	CHR4:8051930	SSF x LoA	-8,610	-0,097	0,286
CHR4	8064153	CHR4:8064153	SSF x LoA	-9,020	0,079	0,291
CHR4	8064154	CHR4:8064154	SSF x LoA	-8,659	0,084	0,290
CHR4	8064178	CHR4:8064178	SSF x LoA	-9,378	-0,002	0,297
CHR4	8075288	CHR4:8075288	SSF x LoA	-2,995	0,120	0,292
CHR4	8075372	CHR4:8075372	SSF x LoA	-10,563	-0,048	0,293
CHR4	80833	CHR4:80833	SSF x LoA	-8,639	0,020	0,280
CHR4	8099179	CHR4:8099179	SSF x LoA	-2,257	0,212	0,280

CHR4	8099449	CHR4:8099449	SSF x LoA	-5,383	-0,165	0,287
CHR4	8148584	CHR4:8148584	SSF x LoA	-9,374	0,065	0,287
CHR4	8148687	CHR4:8148687	SSF x LoA	-9,409	-0,067	0,293
CHR4	8148711	CHR4:8148711	SSF x LoA	-8,464	-0,019	0,299
CHR4	8148723	CHR4:8148723	SSF x LoA	-9,633	0,057	0,282
CHR4	8148741	CHR4:8148741	SSF x LoA	-7,640	-0,064	0,291
CHR4	816198	CHR4:816198	SSF x LoA	-6,865	-0,144	0,287
CHR4	816306	CHR4:816306	SSF x LoA	-7,776	0,000	0,297
CHR4	817723	CHR4:817723	SSF x LoA	-5,126	0,164	0,291
CHR4	817775	CHR4:817775	SSF x LoA	-10,391	-0,085	0,289
CHR4	817801	CHR4:817801	SSF x LoA	-7,937	0,090	0,282
CHR4	817824	CHR4:817824	SSF x LoA	-10,034	0,085	0,293
CHR4	817916	CHR4:817916	SSF x LoA	-9,123	-0,002	0,281
CHR4	819077	CHR4:819077	SSF x LoA	-6,778	0,122	0,280
CHR4	819212	CHR4:819212	SSF x LoA	-7,099	0,006	0,298
CHR4	8198167	CHR4:8198167	SSF x LoA	-11,113	0,035	0,300
CHR4	8199968	CHR4:8199968	SSF x LoA	-10,079	0,007	0,285
CHR4	8200034	CHR4:8200034	SSF x LoA	-7,778	-0,068	0,307
CHR4	8200345	CHR4:8200345	SSF x LoA	-8,510	0,073	0,289
CHR4	8207636	CHR4:8207636	SSF x LoA	-5,920	0,030	0,282
CHR4	8207843	CHR4:8207843	SSF x LoA	-6,116	-0,056	0,305
CHR4	8207904	CHR4:8207904	SSF x LoA	-9,781	0,076	0,290
CHR4	8216892	CHR4:8216892	SSF x LoA	-10,893	-0,005	0,289
CHR4	8217063	CHR4:8217063	SSF x LoA	-5,635	-0,185	0,283
CHR4	8218176	CHR4:8218176	SSF x LoA	-8,979	0,113	0,282
CHR4	8218206	CHR4:8218206	SSF x LoA	-4,551	0,196	0,265
CHR4	8224010	CHR4:8224010	SSF x LoA	-7,888	-0,015	0,273
CHR4	8224037	CHR4:8224037	SSF x LoA	-8,765	0,086	0,291
CHR4	8224093	CHR4:8224093	SSF x LoA	-9,741	-0,053	0,286
CHR4	8224106	CHR4:8224106	SSF x LoA	-7,767	0,074	0,303
CHR4	8224240	CHR4:8224240	SSF x LoA	-10,414	-0,066	0,281
CHR4	8226063	CHR4:8226063	SSF x LoA	-2,985	-0,105	0,288
CHR4	8226083	CHR4:8226083	SSF x LoA	-9,972	0,066	0,286
CHR4	8226115	CHR4:8226115	SSF x LoA	-7,602	0,093	0,288
CHR4	8226228	CHR4:8226228	SSF x LoA	-7,694	0,080	0,283
CHR4	8226264	CHR4:8226264	SSF x LoA	-2,995	0,027	0,299
CHR4	8226339	CHR4:8226339	SSF x LoA	-8,309	0,011	0,287
CHR4	8226357	CHR4:8226357	SSF x LoA	-7,172	-0,016	0,298
CHR4	8226374	CHR4:8226374	SSF x LoA	-9,205	0,011	0,287
CHR4	8226375	CHR4:8226375	SSF x LoA	-8,700	0,036	0,299
CHR4	8238681	CHR4:8238681	SSF x LoA	-10,080	-0,016	0,285
CHR4	8238687	CHR4:8238687	SSF x LoA	-8,984	-0,006	0,285
CHR4	8238696	CHR4:8238696	SSF x LoA	-7,897	-0,044	0,287
CHR4	8238737	CHR4:8238737	SSF x LoA	-9,052	-0,039	0,296
CHR4	8249847	CHR4:8249847	SSF x LoA	-9,336	-0,097	0,279
CHR4	8252566	CHR4:8252566	SSF x LoA	-10,904	-0,030	0,288
CHR4	8252648	CHR4:8252648	SSF x LoA	-10,627	-0,037	0,289
CHR4	8270820	CHR4:8270820	SSF x LoA	-9,456	0,040	0,280
CHR4	8290434	CHR4:8290434	SSF x LoA	-10,727	-0,077	0,288
CHR4	8290450	CHR4:8290450	SSF x LoA	-9,604	0,050	0,291
CHR4	8290529	CHR4:8290529	SSF x LoA	-8,211	0,053	0,296
CHR4	8290530	CHR4:8290530	SSF x LoA	-8,635	0,039	0,273
CHR4	8290595	CHR4:8290595	SSF x LoA	-8,267	0,058	0,276

CHR4	8290692	CHR4:8290692	SSF x LoA	-8,308	0,025	0,286
CHR4	829873	CHR4:829873	SSF x LoA	-2,107	-0,061	0,279
CHR4	829882	CHR4:829882	SSF x LoA	-9,132	0,041	0,282
CHR4	829942	CHR4:829942	SSF x LoA	-9,958	-0,091	0,272
CHR4	829943	CHR4:829943	SSF x LoA	-8,964	-0,099	0,286
CHR4	829944	CHR4:829944	SSF x LoA	-8,170	-0,077	0,281
CHR4	829972	CHR4:829972	SSF x LoA	-9,408	-0,006	0,294
CHR4	8307117	CHR4:8307117	SSF x LoA	-8,516	-0,032	0,286
CHR4	8307286	CHR4:8307286	SSF x LoA	-7,751	-0,065	0,285
CHR4	8307359	CHR4:8307359	SSF x LoA	-7,383	0,072	0,292
CHR4	8307361	CHR4:8307361	SSF x LoA	-8,139	0,040	0,300
CHR4	8309121	CHR4:8309121	SSF x LoA	-9,205	-0,031	0,288
CHR4	8309127	CHR4:8309127	SSF x LoA	-10,861	0,034	0,286
CHR4	8309314	CHR4:8309314	SSF x LoA	-10,596	-0,093	0,283
CHR4	8312351	CHR4:8312351	SSF x LoA	-7,797	-0,153	0,274
CHR4	8312542	CHR4:8312542	SSF x LoA	-10,593	-0,051	0,290
CHR4	8312605	CHR4:8312605	SSF x LoA	-7,117	-0,160	0,267
CHR4	8319529	CHR4:8319529	SSF x LoA	-9,358	0,128	0,287
CHR4	8319588	CHR4:8319588	SSF x LoA	-11,065	0,090	0,283
CHR4	8319738	CHR4:8319738	SSF x LoA	-8,063	0,031	0,298
CHR4	8319955	CHR4:8319955	SSF x LoA	-7,819	0,030	0,288
CHR4	8319962	CHR4:8319962	SSF x LoA	-8,094	0,044	0,294
CHR4	8358810	CHR4:8358810	SSF x LoA	-5,458	0,100	0,294
CHR4	8359870	CHR4:8359870	SSF x LoA	-8,073	-0,012	0,296
CHR4	8359938	CHR4:8359938	SSF x LoA	-9,670	-0,004	0,304
CHR4	8360021	CHR4:8360021	SSF x LoA	-9,074	-0,125	0,272
CHR4	8366836	CHR4:8366836	SSF x LoA	-5,610	-0,177	0,275
CHR4	8366907	CHR4:8366907	SSF x LoA	-5,661	-0,175	0,282
CHR4	8366927	CHR4:8366927	SSF x LoA	-9,365	-0,035	0,295
CHR4	8366998	CHR4:8366998	SSF x LoA	-6,185	-0,177	0,282
CHR4	8373709	CHR4:8373709	SSF x LoA	-8,500	-0,062	0,275
CHR4	8373743	CHR4:8373743	SSF x LoA	-8,823	-0,024	0,285
CHR4	8373793	CHR4:8373793	SSF x LoA	-8,416	-0,097	0,289
CHR4	8373806	CHR4:8373806	SSF x LoA	-10,574	-0,046	0,278
CHR4	8373888	CHR4:8373888	SSF x LoA	-10,170	-0,032	0,301
CHR4	8373897	CHR4:8373897	SSF x LoA	-10,100	-0,012	0,287
CHR4	8378034	CHR4:8378034	SSF x LoA	-8,631	0,056	0,281
CHR4	8378042	CHR4:8378042	SSF x LoA	-8,920	0,006	0,283
CHR4	8378118	CHR4:8378118	SSF x LoA	-7,311	-0,046	0,292
CHR4	8378134	CHR4:8378134	SSF x LoA	-8,268	0,025	0,283
CHR4	8378135	CHR4:8378135	SSF x LoA	-11,261	-0,019	0,278
CHR4	8378154	CHR4:8378154	SSF x LoA	-6,271	0,099	0,299
CHR4	8378271	CHR4:8378271	SSF x LoA	-7,368	-0,055	0,301
CHR4	8383003	CHR4:8383003	SSF x LoA	-10,081	-0,031	0,286
CHR4	8383085	CHR4:8383085	SSF x LoA	-8,807	0,042	0,296
CHR4	8391200	CHR4:8391200	SSF x LoA	-9,802	-0,086	0,292
CHR4	8391201	CHR4:8391201	SSF x LoA	-6,556	-0,150	0,276
CHR4	8391263	CHR4:8391263	SSF x LoA	-10,204	0,088	0,293
CHR4	8391405	CHR4:8391405	SSF x LoA	-7,456	-0,062	0,279
CHR4	8391416	CHR4:8391416	SSF x LoA	-8,811	-0,022	0,280
CHR4	8391461	CHR4:8391461	SSF x LoA	-6,269	0,083	0,282
CHR4	8399369	CHR4:8399369	SSF x LoA	-9,446	-0,058	0,300
CHR4	8399467	CHR4:8399467	SSF x LoA	-7,817	0,058	0,299

CHR4	8403303	CHR4:8403303	SSF x LoA	-8,952	-0,040	0,298
CHR4	8403304	CHR4:8403304	SSF x LoA	-8,236	0,102	0,289
CHR4	8403316	CHR4:8403316	SSF x LoA	-2,608	0,258	0,270
CHR4	8403399	CHR4:8403399	SSF x LoA	-10,733	0,129	0,283
CHR4	8403408	CHR4:8403408	SSF x LoA	-10,162	0,102	0,287
CHR4	8403412	CHR4:8403412	SSF x LoA	-8,440	0,100	0,285
CHR4	8403453	CHR4:8403453	SSF x LoA	-8,963	0,082	0,276
CHR4	8403527	CHR4:8403527	SSF x LoA	-6,827	-0,168	0,293
CHR4	8403533	CHR4:8403533	SSF x LoA	-10,280	0,079	0,278
CHR4	8413707	CHR4:8413707	SSF x LoA	-10,898	0,031	0,282
CHR4	8416569	CHR4:8416569	SSF x LoA	-8,852	0,055	0,295
CHR4	8416641	CHR4:8416641	SSF x LoA	-8,399	0,141	0,293
CHR4	8416719	CHR4:8416719	SSF x LoA	-7,376	-0,011	0,291
CHR4	8420267	CHR4:8420267	SSF x LoA	-10,440	-0,108	0,291
CHR4	8420289	CHR4:8420289	SSF x LoA	-7,967	-0,030	0,303
CHR4	843232	CHR4:843232	SSF x LoA	-9,005	-0,016	0,294
CHR4	843460	CHR4:843460	SSF x LoA	-3,779	-0,024	0,302
CHR4	8441686	CHR4:8441686	SSF x LoA	-8,654	-0,155	0,285
CHR4	844560	CHR4:844560	SSF x LoA	-8,064	0,040	0,296
CHR4	844585	CHR4:844585	SSF x LoA	-8,116	-0,025	0,300
CHR4	8448953	CHR4:8448953	SSF x LoA	-6,833	0,106	0,301
CHR4	8448954	CHR4:8448954	SSF x LoA	-6,462	0,065	0,293
CHR4	8456244	CHR4:8456244	SSF x LoA	-7,740	0,207	0,278
CHR4	8470406	CHR4:8470406	SSF x LoA	-11,303	0,005	0,287
CHR4	8470450	CHR4:8470450	SSF x LoA	-4,900	0,106	0,289
CHR4	8470495	CHR4:8470495	SSF x LoA	-8,350	0,125	0,292
CHR4	8470505	CHR4:8470505	SSF x LoA	-8,851	0,134	0,299
CHR4	8470548	CHR4:8470548	SSF x LoA	-6,671	-0,143	0,285
CHR4	8482147	CHR4:8482147	SSF x LoA	-10,754	0,113	0,284
CHR4	8482223	CHR4:8482223	SSF x LoA	-7,621	-0,115	0,280
CHR4	8482235	CHR4:8482235	SSF x LoA	-10,116	0,075	0,286
CHR4	8490635	CHR4:8490635	SSF x LoA	-6,065	0,057	0,294
CHR4	8506895	CHR4:8506895	SSF x LoA	-7,370	-0,061	0,280
CHR4	8507090	CHR4:8507090	SSF x LoA	-8,627	0,061	0,284
CHR4	8507119	CHR4:8507119	SSF x LoA	-6,243	0,074	0,282
CHR4	8510641	CHR4:8510641	SSF x LoA	-2,809	0,148	0,280
CHR4	8510650	CHR4:8510650	SSF x LoA	-1,647	0,192	0,271
CHR4	8510773	CHR4:8510773	SSF x LoA	-5,801	0,120	0,269
CHR4	8510887	CHR4:8510887	SSF x LoA	-11,301	0,045	0,296
CHR4	8543318	CHR4:8543318	SSF x LoA	-8,640	-0,003	0,303
CHR4	8544899	CHR4:8544899	SSF x LoA	7,504	0,096	0,284
CHR4	8544926	CHR4:8544926	SSF x LoA	-7,870	-0,126	0,300
CHR4	8544934	CHR4:8544934	SSF x LoA	-5,333	0,135	0,280
CHR4	8560383	CHR4:8560383	SSF x LoA	-6,632	0,131	0,294
CHR4	8560450	CHR4:8560450	SSF x LoA	-8,457	0,086	0,291
CHR4	8560476	CHR4:8560476	SSF x LoA	-8,692	-0,024	0,288
CHR4	8560496	CHR4:8560496	SSF x LoA	-0,227	0,156	0,280
CHR4	8560527	CHR4:8560527	SSF x LoA	-9,964	0,020	0,279
CHR4	8560626	CHR4:8560626	SSF x LoA	-7,800	0,139	0,276
CHR4	8560632	CHR4:8560632	SSF x LoA	-10,250	0,028	0,287
CHR4	8560685	CHR4:8560685	SSF x LoA	-7,202	0,115	0,291
CHR4	8560690	CHR4:8560690	SSF x LoA	-9,030	-0,041	0,299
CHR4	8560698	CHR4:8560698	SSF x LoA	-6,104	0,109	0,301

CHR4	8560701	CHR4:8560701	SSF x LoA	-8,826	0,093	0,282
CHR4	8560709	CHR4:8560709	SSF x LoA	-9,027	0,076	0,294
CHR4	859297	CHR4:859297	SSF x LoA	-9,930	-0,037	0,284
CHR4	859308	CHR4:859308	SSF x LoA	-9,152	-0,024	0,282
CHR4	859427	CHR4:859427	SSF x LoA	-8,885	0,012	0,300
CHR4	859476	CHR4:859476	SSF x LoA	-7,420	-0,113	0,291
CHR4	861022	CHR4:861022	SSF x LoA	-6,862	-0,001	0,285
CHR4	8613315	CHR4:8613315	SSF x LoA	-6,906	-0,101	0,288
CHR4	8613417	CHR4:8613417	SSF x LoA	-10,923	-0,068	0,291
CHR4	8643068	CHR4:8643068	SSF x LoA	-10,112	-0,082	0,273
CHR4	8643163	CHR4:8643163	SSF x LoA	-10,788	0,011	0,290
CHR4	8643187	CHR4:8643187	SSF x LoA	-6,903	-0,053	0,297
CHR4	8647576	CHR4:8647576	SSF x LoA	-9,480	-0,043	0,292
CHR4	8647596	CHR4:8647596	SSF x LoA	-3,819	0,012	0,294
CHR4	8682310	CHR4:8682310	SSF x LoA	-8,599	-0,003	0,276
CHR4	8682495	CHR4:8682495	SSF x LoA	-10,372	0,057	0,298
CHR4	8682533	CHR4:8682533	SSF x LoA	-9,469	-0,091	0,282
CHR4	8687430	CHR4:8687430	SSF x LoA	-9,827	-0,012	0,292
CHR4	8687446	CHR4:8687446	SSF x LoA	-10,340	0,022	0,295
CHR4	8687466	CHR4:8687466	SSF x LoA	-8,541	0,030	0,290
CHR4	8687482	CHR4:8687482	SSF x LoA	-8,399	0,089	0,291
CHR4	8687494	CHR4:8687494	SSF x LoA	-8,090	0,037	0,296
CHR4	8687497	CHR4:8687497	SSF x LoA	-7,103	-0,047	0,285
CHR4	8687543	CHR4:8687543	SSF x LoA	-10,455	-0,010	0,286
CHR4	8687565	CHR4:8687565	SSF x LoA	-7,229	0,056	0,286
CHR4	8687574	CHR4:8687574	SSF x LoA	-9,170	0,024	0,282
CHR4	8687587	CHR4:8687587	SSF x LoA	-8,720	0,062	0,290
CHR4	8708875	CHR4:8708875	SSF x LoA	-9,205	-0,049	0,286
CHR4	8709016	CHR4:8709016	SSF x LoA	-9,014	0,159	0,275
CHR4	8709097	CHR4:8709097	SSF x LoA	-10,050	-0,019	0,288
CHR4	8709150	CHR4:8709150	SSF x LoA	-9,840	0,012	0,298
CHR4	8724727	CHR4:8724727	SSF x LoA	-11,143	-0,044	0,287
CHR4	872872	CHR4:872872	SSF x LoA	-10,632	0,036	0,288
CHR4	872876	CHR4:872876	SSF x LoA	-7,514	-0,106	0,278
CHR4	872903	CHR4:872903	SSF x LoA	-8,088	-0,177	0,289
CHR4	872961	CHR4:872961	SSF x LoA	-9,116	0,041	0,296
CHR4	8740945	CHR4:8740945	SSF x LoA	-8,175	0,014	0,278
CHR4	8740968	CHR4:8740968	SSF x LoA	-7,645	0,099	0,293
CHR4	8765052	CHR4:8765052	SSF x LoA	-10,522	-0,049	0,281
CHR4	8766253	CHR4:8766253	SSF x LoA	-9,787	-0,028	0,283
CHR4	8770836	CHR4:8770836	SSF x LoA	-10,058	0,067	0,281
CHR4	8783679	CHR4:8783679	SSF x LoA	-11,554	0,010	0,280
CHR4	8788041	CHR4:8788041	SSF x LoA	-8,599	-0,104	0,289
CHR4	8788064	CHR4:8788064	SSF x LoA	-9,704	-0,121	0,281
CHR4	8788212	CHR4:8788212	SSF x LoA	-9,843	0,000	0,306
CHR4	8790327	CHR4:8790327	SSF x LoA	-7,728	0,027	0,273
CHR4	8794322	CHR4:8794322	SSF x LoA	-6,968	0,126	0,289
CHR4	8827047	CHR4:8827047	SSF x LoA	-9,861	-0,103	0,280
CHR4	8830512	CHR4:8830512	SSF x LoA	-5,547	0,190	0,251
CHR4	8830560	CHR4:8830560	SSF x LoA	-8,228	0,026	0,274
CHR4	8830677	CHR4:8830677	SSF x LoA	-7,291	-0,109	0,294
CHR4	8830711	CHR4:8830711	SSF x LoA	-8,886	0,079	0,283
CHR4	8832476	CHR4:8832476	SSF x LoA	-8,638	-0,087	0,283

CHR4	8832490	CHR4:8832490	SSF x LoA	-4,772	-0,129	0,278
CHR4	8835517	CHR4:8835517	SSF x LoA	-11,336	0,012	0,285
CHR4	8835576	CHR4:8835576	SSF x LoA	-1,406	0,142	0,274
CHR4	8843674	CHR4:8843674	SSF x LoA	-9,818	-0,012	0,296
CHR4	8843677	CHR4:8843677	SSF x LoA	-8,605	0,124	0,285
CHR4	8843709	CHR4:8843709	SSF x LoA	-10,502	0,047	0,296
CHR4	8843764	CHR4:8843764	SSF x LoA	-11,034	-0,018	0,294
CHR4	8843956	CHR4:8843956	SSF x LoA	-6,233	0,042	0,300
CHR4	8847233	CHR4:8847233	SSF x LoA	-7,795	0,099	0,302
CHR4	8854785	CHR4:8854785	SSF x LoA	-7,919	-0,079	0,281
CHR4	8854815	CHR4:8854815	SSF x LoA	-10,465	0,021	0,290
CHR4	8855044	CHR4:8855044	SSF x LoA	-8,463	0,000	0,280
CHR4	8855128	CHR4:8855128	SSF x LoA	-8,066	0,078	0,287
CHR4	8868829	CHR4:8868829	SSF x LoA	-6,709	0,043	0,301
CHR4	8869033	CHR4:8869033	SSF x LoA	-8,790	-0,020	0,279
CHR4	8949913	CHR4:8949913	SSF x LoA	-9,006	-0,140	0,270
CHR4	8949963	CHR4:8949963	SSF x LoA	-10,665	-0,025	0,279
CHR4	8950048	CHR4:8950048	SSF x LoA	-11,018	-0,001	0,297
CHR4	8958219	CHR4:8958219	SSF x LoA	-1,684	-0,252	0,279
CHR4	8958232	CHR4:8958232	SSF x LoA	-9,841	0,057	0,291
CHR4	8958282	CHR4:8958282	SSF x LoA	1,857	-0,021	0,280
CHR4	8958285	CHR4:8958285	SSF x LoA	-7,968	0,172	0,284
CHR4	8958591	CHR4:8958591	SSF x LoA	-10,740	0,018	0,291
CHR4	8958610	CHR4:8958610	SSF x LoA	-8,610	0,099	0,282
CHR4	8969363	CHR4:8969363	SSF x LoA	-8,000	-0,098	0,302
CHR4	8969393	CHR4:8969393	SSF x LoA	-10,497	-0,003	0,306
CHR4	8969501	CHR4:8969501	SSF x LoA	-6,245	-0,085	0,278
CHR4	8972576	CHR4:8972576	SSF x LoA	-8,612	-0,009	0,292
CHR4	8972589	CHR4:8972589	SSF x LoA	-9,729	0,013	0,288
CHR4	8977370	CHR4:8977370	SSF x LoA	-8,345	0,072	0,291
CHR4	8977441	CHR4:8977441	SSF x LoA	-10,536	-0,071	0,283
CHR4	8977544	CHR4:8977544	SSF x LoA	-9,842	-0,021	0,296
CHR4	8982778	CHR4:8982778	SSF x LoA	-8,266	-0,031	0,295
CHR4	8982803	CHR4:8982803	SSF x LoA	-9,583	0,008	0,290
CHR4	8982817	CHR4:8982817	SSF x LoA	-8,342	-0,072	0,283
CHR4	8988632	CHR4:8988632	SSF x LoA	-4,270	-0,088	0,282
CHR4	9000258	CHR4:9000258	SSF x LoA	-5,728	0,168	0,276
CHR4	9000413	CHR4:9000413	SSF x LoA	-9,327	-0,006	0,298
CHR4	9000583	CHR4:9000583	SSF x LoA	-8,619	-0,006	0,288
CHR4	9004809	CHR4:9004809	SSF x LoA	-11,097	-0,060	0,290
CHR4	9004871	CHR4:9004871	SSF x LoA	-11,496	-0,049	0,286
CHR4	9004902	CHR4:9004902	SSF x LoA	-10,362	-0,035	0,272
CHR4	900952	CHR4:900952	SSF x LoA	-9,866	0,016	0,293
CHR4	900959	CHR4:900959	SSF x LoA	-9,199	0,026	0,278
CHR4	9018640	CHR4:9018640	SSF x LoA	-10,637	-0,045	0,282
CHR4	9018799	CHR4:9018799	SSF x LoA	0,715	-0,219	0,274
CHR4	9018806	CHR4:9018806	SSF x LoA	-10,446	-0,008	0,282
CHR4	904288	CHR4:904288	SSF x LoA	-5,909	-0,211	0,273
CHR4	904627	CHR4:904627	SSF x LoA	-4,307	-0,103	0,285
CHR4	9048023	CHR4:9048023	SSF x LoA	-8,890	-0,023	0,292
CHR4	9053483	CHR4:9053483	SSF x LoA	-6,820	-0,092	0,297
CHR4	9053700	CHR4:9053700	SSF x LoA	-8,789	-0,087	0,291
CHR4	9053703	CHR4:9053703	SSF x LoA	-6,953	-0,082	0,284

CHR4	9056952	CHR4:9056952	SSF x LoA	-8,697	0,021	0,278
CHR4	9056962	CHR4:9056962	SSF x LoA	-4,931	-0,137	0,285
CHR4	9056986	CHR4:9056986	SSF x LoA	-6,514	0,197	0,285
CHR4	9057012	CHR4:9057012	SSF x LoA	-5,832	0,146	0,293
CHR4	9057040	CHR4:9057040	SSF x LoA	-8,295	-0,022	0,289
CHR4	9057724	CHR4:9057724	SSF x LoA	-6,913	0,009	0,294
CHR4	9059814	CHR4:9059814	SSF x LoA	-10,603	-0,035	0,285
CHR4	9062306	CHR4:9062306	SSF x LoA	-7,064	0,140	0,284
CHR4	9062310	CHR4:9062310	SSF x LoA	-11,112	-0,003	0,274
CHR4	9069255	CHR4:9069255	SSF x LoA	-11,127	0,045	0,302
CHR4	9069264	CHR4:9069264	SSF x LoA	-6,239	0,051	0,286
CHR4	9069366	CHR4:9069366	SSF x LoA	-7,500	0,026	0,288
CHR4	9069420	CHR4:9069420	SSF x LoA	-9,097	0,059	0,282
CHR4	9073903	CHR4:9073903	SSF x LoA	-1,061	-0,099	0,289
CHR4	9073958	CHR4:9073958	SSF x LoA	-8,223	-0,055	0,297
CHR4	9082404	CHR4:9082404	SSF x LoA	-9,859	0,028	0,292
CHR4	9084599	CHR4:9084599	SSF x LoA	-9,359	-0,015	0,289
CHR4	9084657	CHR4:9084657	SSF x LoA	-10,201	0,036	0,277
CHR4	9084778	CHR4:9084778	SSF x LoA	-9,299	-0,017	0,285
CHR4	9084933	CHR4:9084933	SSF x LoA	-7,642	0,089	0,284
CHR4	9111610	CHR4:9111610	SSF x LoA	-10,921	-0,050	0,290
CHR4	9123059	CHR4:9123059	SSF x LoA	-9,252	-0,050	0,297
CHR4	9123077	CHR4:9123077	SSF x LoA	-9,967	-0,051	0,305
CHR4	9123344	CHR4:9123344	SSF x LoA	-3,676	-0,060	0,289
CHR4	9130466	CHR4:9130466	SSF x LoA	-6,750	0,182	0,283
CHR4	9130537	CHR4:9130537	SSF x LoA	-6,597	0,087	0,290
CHR4	9130565	CHR4:9130565	SSF x LoA	-8,330	0,054	0,292
CHR4	9132132	CHR4:9132132	SSF x LoA	-8,224	-0,162	0,279
CHR4	9132339	CHR4:9132339	SSF x LoA	-10,481	0,023	0,280
CHR4	9132825	CHR4:9132825	SSF x LoA	-9,542	-0,036	0,295
CHR4	9132957	CHR4:9132957	SSF x LoA	-6,399	-0,137	0,292
CHR4	9178379	CHR4:9178379	SSF x LoA	-2,691	-0,223	0,266
CHR4	9178444	CHR4:9178444	SSF x LoA	-10,221	0,051	0,298
CHR4	9178540	CHR4:9178540	SSF x LoA	-7,643	0,141	0,278
CHR4	9178606	CHR4:9178606	SSF x LoA	-7,168	0,079	0,292
CHR4	9194107	CHR4:9194107	SSF x LoA	-1,786	0,020	0,303
CHR4	9224403	CHR4:9224403	SSF x LoA	-8,727	0,083	0,295
CHR4	9266734	CHR4:9266734	SSF x LoA	-9,781	-0,019	0,290
CHR4	927632	CHR4:927632	SSF x LoA	-10,997	-0,080	0,271
CHR4	927747	CHR4:927747	SSF x LoA	-8,191	0,068	0,296
CHR4	927763	CHR4:927763	SSF x LoA	-8,020	0,072	0,295
CHR4	927788	CHR4:927788	SSF x LoA	-7,014	-0,103	0,282
CHR4	9279909	CHR4:9279909	SSF x LoA	-9,738	-0,013	0,290
CHR4	932383	CHR4:932383	SSF x LoA	-6,991	-0,104	0,286
CHR4	932401	CHR4:932401	SSF x LoA	-8,225	0,120	0,282
CHR4	932421	CHR4:932421	SSF x LoA	-4,044	0,182	0,293
CHR4	932587	CHR4:932587	SSF x LoA	-5,988	0,062	0,292
CHR4	932611	CHR4:932611	SSF x LoA	-10,836	0,085	0,280
CHR4	932674	CHR4:932674	SSF x LoA	-6,459	-0,105	0,291
CHR4	9381117	CHR4:9381117	SSF x LoA	-8,088	-0,067	0,289
CHR4	9386310	CHR4:9386310	SSF x LoA	-8,838	-0,062	0,282
CHR4	9386336	CHR4:9386336	SSF x LoA	-1,588	-0,192	0,280
CHR4	9386351	CHR4:9386351	SSF x LoA	-10,090	-0,039	0,288

CHR4	9420743	CHR4:9420743	SSF x LoA	-0,849	-0,083	0,273
CHR4	9424322	CHR4:9424322	SSF x LoA	-5,475	-0,111	0,275
CHR4	9430011	CHR4:9430011	SSF x LoA	-10,861	-0,043	0,291
CHR4	9430030	CHR4:9430030	SSF x LoA	-9,933	0,006	0,281
CHR4	9472876	CHR4:9472876	SSF x LoA	-9,956	0,090	0,283
CHR4	9472939	CHR4:9472939	SSF x LoA	-6,661	0,100	0,289
CHR4	9487615	CHR4:9487615	SSF x LoA	-6,903	0,195	0,278
CHR4	9487636	CHR4:9487636	SSF x LoA	-7,470	0,081	0,285
CHR4	9487861	CHR4:9487861	SSF x LoA	-8,409	-0,105	0,291
CHR4	9491150	CHR4:9491150	SSF x LoA	-7,818	0,161	0,291
CHR4	9491155	CHR4:9491155	SSF x LoA	-10,195	-0,044	0,286
CHR4	9491233	CHR4:9491233	SSF x LoA	-8,447	0,020	0,284
CHR4	9491234	CHR4:9491234	SSF x LoA	-8,102	0,007	0,288
CHR4	9491258	CHR4:9491258	SSF x LoA	-7,576	0,048	0,299
CHR4	9491279	CHR4:9491279	SSF x LoA	-10,473	0,050	0,287
CHR4	9491289	CHR4:9491289	SSF x LoA	-3,222	0,121	0,294
CHR4	9491316	CHR4:9491316	SSF x LoA	-5,953	-0,061	0,291
CHR4	949491	CHR4:949491	SSF x LoA	-8,855	0,000	0,294
CHR4	949530	CHR4:949530	SSF x LoA	-8,536	-0,104	0,297
CHR4	949555	CHR4:949555	SSF x LoA	-9,062	-0,148	0,272
CHR4	9497646	CHR4:9497646	SSF x LoA	-8,226	-0,121	0,284
CHR4	9497657	CHR4:9497657	SSF x LoA	-7,820	0,106	0,272
CHR4	9497695	CHR4:9497695	SSF x LoA	-4,382	0,171	0,276
CHR4	9497700	CHR4:9497700	SSF x LoA	-9,738	0,022	0,288
CHR4	9497711	CHR4:9497711	SSF x LoA	-6,264	0,077	0,296
CHR4	9519611	CHR4:9519611	SSF x LoA	-10,367	0,039	0,288
CHR4	9519636	CHR4:9519636	SSF x LoA	-8,043	-0,071	0,293
CHR4	9519649	CHR4:9519649	SSF x LoA	-6,074	-0,055	0,277
CHR4	9519752	CHR4:9519752	SSF x LoA	-8,084	0,089	0,287
CHR4	9519758	CHR4:9519758	SSF x LoA	-5,378	-0,121	0,279
CHR4	9519774	CHR4:9519774	SSF x LoA	-9,709	-0,056	0,301
CHR4	9519787	CHR4:9519787	SSF x LoA	-7,036	-0,093	0,285
CHR4	9519790	CHR4:9519790	SSF x LoA	-7,413	-0,082	0,299
CHR4	9537313	CHR4:9537313	SSF x LoA	-9,161	-0,068	0,282
CHR4	9537386	CHR4:9537386	SSF x LoA	-0,720	0,027	0,283
CHR4	9537608	CHR4:9537608	SSF x LoA	-7,497	0,086	0,293
CHR4	9548910	CHR4:9548910	SSF x LoA	2,991	0,189	0,295
CHR4	9548962	CHR4:9548962	SSF x LoA	-1,802	0,269	0,280
CHR4	9549270	CHR4:9549270	SSF x LoA	-9,659	-0,079	0,299
CHR4	9550415	CHR4:9550415	SSF x LoA	-6,579	-0,053	0,294
CHR4	9550437	CHR4:9550437	SSF x LoA	-7,954	0,005	0,304
CHR4	9550444	CHR4:9550444	SSF x LoA	-7,514	-0,010	0,295
CHR4	9550458	CHR4:9550458	SSF x LoA	-6,684	0,002	0,283
CHR4	9550493	CHR4:9550493	SSF x LoA	-8,802	-0,075	0,288
CHR4	9550605	CHR4:9550605	SSF x LoA	-6,967	-0,110	0,290
CHR4	9551780	CHR4:9551780	SSF x LoA	-5,543	-0,142	0,293
CHR4	9551786	CHR4:9551786	SSF x LoA	-8,111	0,027	0,284
CHR4	9551874	CHR4:9551874	SSF x LoA	-6,908	-0,126	0,279
CHR4	9551875	CHR4:9551875	SSF x LoA	-5,699	-0,116	0,292
CHR4	9551895	CHR4:9551895	SSF x LoA	-9,770	-0,001	0,293
CHR4	9551961	CHR4:9551961	SSF x LoA	-9,441	0,123	0,284
CHR4	9558144	CHR4:9558144	SSF x LoA	-6,729	0,082	0,307
CHR4	9558161	CHR4:9558161	SSF x LoA	-3,804	-0,004	0,309

CHR4	9558182	CHR4:9558182	SSF x LoA	-7,413	0,000	0,296
CHR4	9558255	CHR4:9558255	SSF x LoA	-10,334	-0,027	0,289
CHR4	9558300	CHR4:9558300	SSF x LoA	-6,141	0,021	0,296
CHR4	9559988	CHR4:9559988	SSF x LoA	-10,025	0,025	0,290
CHR4	9565123	CHR4:9565123	SSF x LoA	-9,182	-0,028	0,284
CHR4	9570700	CHR4:9570700	SSF x LoA	-8,153	0,080	0,303
CHR4	9571553	CHR4:9571553	SSF x LoA	-8,186	-0,098	0,286
CHR4	9571687	CHR4:9571687	SSF x LoA	-7,089	-0,036	0,301
CHR4	9574920	CHR4:9574920	SSF x LoA	-9,196	-0,089	0,282
CHR4	9575084	CHR4:9575084	SSF x LoA	-8,062	0,105	0,300
CHR4	9576805	CHR4:9576805	SSF x LoA	-7,214	-0,077	0,283
CHR4	9576946	CHR4:9576946	SSF x LoA	-7,698	0,110	0,284
CHR4	9582654	CHR4:9582654	SSF x LoA	-9,475	-0,123	0,288
CHR4	9603908	CHR4:9603908	SSF x LoA	-3,434	0,099	0,304
CHR4	9603928	CHR4:9603928	SSF x LoA	-9,320	0,019	0,294
CHR4	9603945	CHR4:9603945	SSF x LoA	-7,648	-0,003	0,309
CHR4	9604003	CHR4:9604003	SSF x LoA	-7,131	-0,058	0,304
CHR4	9604059	CHR4:9604059	SSF x LoA	-9,781	-0,032	0,290
CHR4	9613585	CHR4:9613585	SSF x LoA	-6,956	-0,026	0,288
CHR4	9613690	CHR4:9613690	SSF x LoA	-6,077	-0,094	0,301
CHR4	9621351	CHR4:9621351	SSF x LoA	-8,666	0,061	0,287
CHR4	9621368	CHR4:9621368	SSF x LoA	-10,485	-0,063	0,274
CHR4	9621384	CHR4:9621384	SSF x LoA	-8,098	0,095	0,283
CHR4	9621542	CHR4:9621542	SSF x LoA	-11,444	-0,001	0,276
CHR4	9630511	CHR4:9630511	SSF x LoA	-9,130	-0,053	0,295
CHR4	9630542	CHR4:9630542	SSF x LoA	-9,321	-0,076	0,293
CHR4	9630546	CHR4:9630546	SSF x LoA	-8,931	0,033	0,292
CHR4	9630613	CHR4:9630613	SSF x LoA	-8,011	0,035	0,303
CHR4	9636168	CHR4:9636168	SSF x LoA	-9,200	-0,043	0,274
CHR4	9636402	CHR4:9636402	SSF x LoA	-9,015	0,008	0,286
CHR4	96463	CHR4:96463	SSF x LoA	-8,252	0,070	0,284
CHR4	9661246	CHR4:9661246	SSF x LoA	-8,928	-0,005	0,291
CHR4	9661372	CHR4:9661372	SSF x LoA	-9,620	-0,010	0,279
CHR4	9661375	CHR4:9661375	SSF x LoA	-10,239	-0,009	0,298
CHR4	9661379	CHR4:9661379	SSF x LoA	-10,373	-0,003	0,302
CHR4	9661430	CHR4:9661430	SSF x LoA	-6,877	0,035	0,294
CHR4	9733516	CHR4:9733516	SSF x LoA	-7,542	0,056	0,302
CHR4	9733521	CHR4:9733521	SSF x LoA	-4,553	0,071	0,308
CHR4	9733545	CHR4:9733545	SSF x LoA	-5,014	0,133	0,290
CHR4	9733554	CHR4:9733554	SSF x LoA	-7,660	0,137	0,291
CHR4	9733556	CHR4:9733556	SSF x LoA	-8,422	0,118	0,289
CHR4	9733561	CHR4:9733561	SSF x LoA	-8,476	0,058	0,299
CHR4	9733563	CHR4:9733563	SSF x LoA	-8,471	0,100	0,290
CHR4	9733570	CHR4:9733570	SSF x LoA	-8,311	0,106	0,291
CHR4	9733582	CHR4:9733582	SSF x LoA	-9,444	0,087	0,283
CHR4	9733585	CHR4:9733585	SSF x LoA	-8,476	0,112	0,302
CHR4	9793055	CHR4:9793055	SSF x LoA	-8,056	-0,004	0,298
CHR4	9793257	CHR4:9793257	SSF x LoA	-10,093	-0,029	0,281
CHR4	9793322	CHR4:9793322	SSF x LoA	-9,639	0,065	0,294
CHR4	9810393	CHR4:9810393	SSF x LoA	-10,148	-0,100	0,282
CHR4	9810402	CHR4:9810402	SSF x LoA	-10,839	-0,017	0,274
CHR4	9810404	CHR4:9810404	SSF x LoA	-10,161	0,024	0,279
CHR4	9810412	CHR4:9810412	SSF x LoA	-5,753	-0,002	0,277

CHR4	9810420	CHR4:9810420	SSF x LoA	-8,255	0,000	0,286
CHR4	9810422	CHR4:9810422	SSF x LoA	-10,787	0,034	0,275
CHR4	9810434	CHR4:9810434	SSF x LoA	-9,834	0,028	0,275
CHR4	9812865	CHR4:9812865	SSF x LoA	-6,356	-0,034	0,299
CHR4	9813067	CHR4:9813067	SSF x LoA	-8,194	-0,050	0,295
CHR4	9820508	CHR4:9820508	SSF x LoA	-10,871	0,027	0,289
CHR4	9842248	CHR4:9842248	SSF x LoA	-7,399	0,007	0,288
CHR4	9842327	CHR4:9842327	SSF x LoA	-4,837	-0,082	0,294
CHR4	9842379	CHR4:9842379	SSF x LoA	-9,029	-0,013	0,283
CHR4	9842414	CHR4:9842414	SSF x LoA	-10,123	0,002	0,275
CHR4	9842573	CHR4:9842573	SSF x LoA	-10,953	-0,061	0,287
CHR4	9842584	CHR4:9842584	SSF x LoA	-8,928	-0,089	0,286
CHR4	9842586	CHR4:9842586	SSF x LoA	-10,088	-0,060	0,301
CHR4	9842632	CHR4:9842632	SSF x LoA	-11,807	-0,029	0,282
CHR4	986664	CHR4:986664	SSF x LoA	8,728	-0,060	0,278
CHR4	986767	CHR4:986767	SSF x LoA	-4,712	-0,069	0,294
CHR4	9867932	CHR4:9867932	SSF x LoA	-11,107	-0,010	0,281
CHR4	986816	CHR4:986816	SSF x LoA	-10,757	-0,018	0,289
CHR4	9869948	CHR4:9869948	SSF x LoA	-10,505	-0,046	0,284
CHR4	9870021	CHR4:9870021	SSF x LoA	-8,770	0,040	0,283
CHR4	9870036	CHR4:9870036	SSF x LoA	-10,505	-0,034	0,287
CHR4	9870122	CHR4:9870122	SSF x LoA	-7,777	-0,032	0,293
CHR4	9872006	CHR4:9872006	SSF x LoA	-9,988	0,064	0,287
CHR4	9880701	CHR4:9880701	SSF x LoA	-6,262	0,068	0,302
CHR4	9880912	CHR4:9880912	SSF x LoA	-9,486	0,014	0,299
CHR4	9884585	CHR4:9884585	SSF x LoA	-8,090	0,039	0,296
CHR4	9885728	CHR4:9885728	SSF x LoA	-9,418	-0,035	0,298
CHR4	9894675	CHR4:9894675	SSF x LoA	-8,894	0,038	0,288
CHR4	9894685	CHR4:9894685	SSF x LoA	-9,586	0,039	0,289
CHR4	9894708	CHR4:9894708	SSF x LoA	-9,948	0,054	0,286
CHR4	9894729	CHR4:9894729	SSF x LoA	-8,849	0,083	0,281
CHR4	9894744	CHR4:9894744	SSF x LoA	-9,642	-0,056	0,279
CHR4	9894858	CHR4:9894858	SSF x LoA	-6,856	0,163	0,262
CHR4	9894859	CHR4:9894859	SSF x LoA	-7,079	0,166	0,264
CHR4	9899137	CHR4:9899137	SSF x LoA	-10,109	-0,041	0,285
CHR4	9899148	CHR4:9899148	SSF x LoA	-8,082	0,052	0,277
CHR4	9899149	CHR4:9899149	SSF x LoA	-7,623	0,070	0,284
CHR4	9899165	CHR4:9899165	SSF x LoA	-6,777	0,087	0,286
CHR4	9899274	CHR4:9899274	SSF x LoA	-8,536	0,044	0,286
CHR4	9899276	CHR4:9899276	SSF x LoA	-6,079	0,121	0,305
CHR4	9899280	CHR4:9899280	SSF x LoA	-11,219	-0,055	0,279
CHR4	9899284	CHR4:9899284	SSF x LoA	-8,187	0,056	0,285
CHR4	9899370	CHR4:9899370	SSF x LoA	-11,433	-0,048	0,295
CHR4	990334	CHR4:990334	SSF x LoA	-9,961	-0,020	0,297
CHR4	990508	CHR4:990508	SSF x LoA	-6,733	-0,119	0,285
CHR4	990609	CHR4:990609	SSF x LoA	-9,958	0,126	0,283
CHR4	9920709	CHR4:9920709	SSF x LoA	-7,801	0,150	0,270
CHR4	9920868	CHR4:9920868	SSF x LoA	-10,004	0,046	0,295
CHR4	9920877	CHR4:9920877	SSF x LoA	-6,957	-0,131	0,274
CHR4	9928536	CHR4:9928536	SSF x LoA	-8,563	-0,126	0,292
CHR4	9928548	CHR4:9928548	SSF x LoA	-9,138	-0,024	0,289
CHR4	993785	CHR4:993785	SSF x LoA	-7,303	0,003	0,297
CHR4	993794	CHR4:993794	SSF x LoA	-6,622	-0,057	0,302

CHR4	9945557	CHR4:9945557	SSF x LoA	-8,498	-0,081	0,278
CHR4	9945583	CHR4:9945583	SSF x LoA	-10,016	-0,083	0,281
CHR4	9945648	CHR4:9945648	SSF x LoA	-7,705	-0,090	0,288
CHR4	9945703	CHR4:9945703	SSF x LoA	-8,050	-0,031	0,284
CHR4	996079	CHR4:996079	SSF x LoA	-8,901	0,058	0,309
CHR4	996149	CHR4:996149	SSF x LoA	-9,213	-0,055	0,277
CHR4	996194	CHR4:996194	SSF x LoA	-7,895	0,135	0,287
CHR4	996226	CHR4:996226	SSF x LoA	-3,842	0,154	0,278
CHR4	996256	CHR4:996256	SSF x LoA	-10,262	0,057	0,292
CHR4	9962654	CHR4:9962654	SSF x LoA	-7,828	-0,118	0,280
CHR4	9972028	CHR4:9972028	SSF x LoA	-5,479	0,119	0,284
CHR4	9972068	CHR4:9972068	SSF x LoA	-6,777	0,094	0,290
CHR4	9972071	CHR4:9972071	SSF x LoA	-7,222	0,084	0,295
CHR4	9972120	CHR4:9972120	SSF x LoA	-7,839	0,084	0,291
CHR4	9972234	CHR4:9972234	SSF x LoA	-8,680	-0,051	0,288
CHR4	9974518	CHR4:9974518	SSF x LoA	-6,579	-0,089	0,287
CHR4	9974523	CHR4:9974523	SSF x LoA	-1,544	-0,130	0,293
CHR4	9974571	CHR4:9974571	SSF x LoA	-8,046	0,010	0,295
CHR4	9974699	CHR4:9974699	SSF x LoA	-7,212	-0,034	0,296
CHR5	1E+07	CHR5:10019076	SSF x LoA	-11,841	-0,006	0,267
CHR5	1E+07	CHR5:10019373	SSF x LoA	-8,801	0,045	0,287
CHR5	1E+07	CHR5:10019374	SSF x LoA	-7,629	0,021	0,309
CHR5	1E+07	CHR5:10019384	SSF x LoA	-8,861	0,080	0,275
CHR5	1E+07	CHR5:10032221	SSF x LoA	-9,347	0,044	0,288
CHR5	1E+07	CHR5:10032238	SSF x LoA	-10,007	0,019	0,286
CHR5	1E+07	CHR5:10032246	SSF x LoA	-9,892	0,075	0,282
CHR5	1E+07	CHR5:10032441	SSF x LoA	-9,484	0,054	0,272
CHR5	1E+07	CHR5:10032640	SSF x LoA	-8,409	-0,081	0,301
CHR5	1E+07	CHR5:10038053	SSF x LoA	-9,267	0,040	0,287
CHR5	1E+07	CHR5:10038054	SSF x LoA	-6,904	0,067	0,289
CHR5	1E+07	CHR5:10038207	SSF x LoA	-9,618	0,023	0,281
CHR5	1E+07	CHR5:10039393	SSF x LoA	-7,799	-0,039	0,304
CHR5	1E+07	CHR5:10039426	SSF x LoA	-10,397	-0,024	0,289
CHR5	1E+07	CHR5:10039579	SSF x LoA	-7,462	0,002	0,292
CHR5	1E+07	CHR5:10057287	SSF x LoA	-8,183	-0,091	0,306
CHR5	1E+07	CHR5:10057312	SSF x LoA	-9,106	-0,017	0,291
CHR5	1E+07	CHR5:10060644	SSF x LoA	-8,246	0,022	0,296
CHR5	1E+07	CHR5:10063762	SSF x LoA	-9,278	-0,113	0,288
CHR5	1E+07	CHR5:10063928	SSF x LoA	-8,306	0,069	0,274
CHR5	1E+07	CHR5:10064061	SSF x LoA	-8,644	0,018	0,294
CHR5	1E+07	CHR5:10074339	SSF x LoA	-8,062	0,195	0,268
CHR5	1E+07	CHR5:10074640	SSF x LoA	-2,720	-0,124	0,291
CHR5	1E+07	CHR5:10077424	SSF x LoA	-10,975	-0,027	0,300
CHR5	1E+07	CHR5:10077457	SSF x LoA	-10,525	-0,030	0,301
CHR5	1E+07	CHR5:10079660	SSF x LoA	-8,585	0,029	0,289
CHR5	1E+07	CHR5:10100064	SSF x LoA	-8,035	0,028	0,298
CHR5	1E+07	CHR5:10100079	SSF x LoA	-11,086	-0,024	0,299
CHR5	1E+07	CHR5:10100087	SSF x LoA	-7,559	-0,141	0,296
CHR5	1E+07	CHR5:10107221	SSF x LoA	-8,519	-0,055	0,285
CHR5	1E+07	CHR5:10107222	SSF x LoA	-6,949	-0,032	0,302
CHR5	1E+07	CHR5:10108218	SSF x LoA	-10,182	-0,015	0,288
CHR5	1E+07	CHR5:10108300	SSF x LoA	-6,230	-0,147	0,278
CHR5	1E+07	CHR5:10108319	SSF x LoA	-8,330	-0,100	0,295

CHR5	1E+07	CHR5:10112002	SSF x LoA	-9,521	0,040	0,288
CHR5	1E+07	CHR5:10112004	SSF x LoA	-9,349	0,027	0,301
CHR5	1E+07	CHR5:10112238	SSF x LoA	-11,052	-0,018	0,283
CHR5	1E+07	CHR5:10112244	SSF x LoA	-9,328	0,019	0,287
CHR5	1E+07	CHR5:10127596	SSF x LoA	-8,880	-0,088	0,288
CHR5	1E+07	CHR5:10132626	SSF x LoA	-9,340	0,171	0,268
CHR5	1E+07	CHR5:10132677	SSF x LoA	-10,965	0,060	0,296
CHR5	1E+07	CHR5:10140177	SSF x LoA	-7,639	-0,010	0,300
CHR5	1E+07	CHR5:10157337	SSF x LoA	-10,733	0,088	0,302
CHR5	1E+07	CHR5:10157540	SSF x LoA	-10,866	0,022	0,286
CHR5	1E+07	CHR5:10157661	SSF x LoA	-5,991	0,145	0,286
CHR5	1E+07	CHR5:10162585	SSF x LoA	-11,000	0,033	0,304
CHR5	1E+07	CHR5:10162676	SSF x LoA	-5,304	0,170	0,294
CHR5	1E+07	CHR5:10162721	SSF x LoA	-10,166	-0,052	0,289
CHR5	1E+07	CHR5:10162833	SSF x LoA	-4,275	-0,094	0,291
CHR5	1E+07	CHR5:10162921	SSF x LoA	-7,619	-0,053	0,299
CHR5	1E+07	CHR5:10162931	SSF x LoA	-9,563	-0,110	0,274
CHR5	1E+07	CHR5:10177033	SSF x LoA	-7,236	0,105	0,284
CHR5	1E+07	CHR5:10177066	SSF x LoA	-9,119	0,092	0,310
CHR5	1E+07	CHR5:10177211	SSF x LoA	-10,540	0,102	0,291
CHR5	1E+07	CHR5:10177293	SSF x LoA	-7,195	-0,036	0,282
CHR5	1E+07	CHR5:10181134	SSF x LoA	-5,036	0,069	0,296
CHR5	1E+07	CHR5:10191262	SSF x LoA	-9,906	-0,088	0,299
CHR5	1E+07	CHR5:10191279	SSF x LoA	-9,203	-0,091	0,290
CHR5	1E+07	CHR5:10191463	SSF x LoA	-10,493	-0,066	0,282
CHR5	1E+07	CHR5:10191548	SSF x LoA	-10,499	0,016	0,291
CHR5	1E+07	CHR5:10193346	SSF x LoA	-9,472	-0,133	0,272
CHR5	1E+07	CHR5:10234316	SSF x LoA	-6,861	0,015	0,289
CHR5	1E+07	CHR5:10234348	SSF x LoA	-9,366	-0,125	0,283
CHR5	1E+07	CHR5:10234367	SSF x LoA	-8,444	-0,003	0,285
CHR5	1E+07	CHR5:10234469	SSF x LoA	-9,271	-0,095	0,300
CHR5	1E+07	CHR5:10234555	SSF x LoA	-11,061	0,029	0,278
CHR5	1E+07	CHR5:10247819	SSF x LoA	-10,726	0,042	0,281
CHR5	1E+07	CHR5:10263057	SSF x LoA	-8,081	-0,028	0,277
CHR5	1E+07	CHR5:10263103	SSF x LoA	-8,997	-0,047	0,286
CHR5	1E+07	CHR5:10263144	SSF x LoA	-10,380	-0,033	0,293
CHR5	1E+07	CHR5:10263147	SSF x LoA	-12,147	-0,008	0,273
CHR5	1E+07	CHR5:10266041	SSF x LoA	-10,589	0,031	0,277
CHR5	1E+07	CHR5:10266328	SSF x LoA	-9,328	0,068	0,282
CHR5	1E+07	CHR5:10272939	SSF x LoA	-2,950	0,163	0,287
CHR5	1E+07	CHR5:10280234	SSF x LoA	-11,098	0,008	0,289
CHR5	1E+07	CHR5:10280286	SSF x LoA	-9,288	0,047	0,293
CHR5	1E+07	CHR5:10280392	SSF x LoA	-10,328	-0,034	0,293
CHR5	1E+07	CHR5:10289539	SSF x LoA	-10,906	-0,021	0,292
CHR5	1E+07	CHR5:10289541	SSF x LoA	-7,784	-0,004	0,296
CHR5	1E+07	CHR5:10289670	SSF x LoA	-9,662	0,013	0,294
CHR5	1E+07	CHR5:10289683	SSF x LoA	-9,822	-0,054	0,288
CHR5	1E+07	CHR5:10305960	SSF x LoA	-11,445	0,028	0,282
CHR5	1E+07	CHR5:10318914	SSF x LoA	-5,933	-0,128	0,281
CHR5	1E+07	CHR5:10318986	SSF x LoA	-1,111	0,008	0,309
CHR5	1E+07	CHR5:10319070	SSF x LoA	-7,676	0,027	0,293
CHR5	1E+07	CHR5:10319102	SSF x LoA	-10,221	-0,046	0,284
CHR5	1E+07	CHR5:10319375	SSF x LoA	-7,010	-0,024	0,300

CHR5	1E+07	CHR5:10319491	SSF x LoA	-9,369	0,050	0,298
CHR5	1E+07	CHR5:10364094	SSF x LoA	-10,268	-0,054	0,288
CHR5	1E+07	CHR5:10364437	SSF x LoA	-10,153	0,031	0,291
CHR5	1E+07	CHR5:10370908	SSF x LoA	-8,440	0,026	0,296
CHR5	1E+07	CHR5:10370933	SSF x LoA	-6,192	0,021	0,301
CHR5	1E+07	CHR5:10375936	SSF x LoA	-10,726	-0,055	0,293
CHR5	1E+07	CHR5:10377415	SSF x LoA	-8,087	0,062	0,296
CHR5	1E+07	CHR5:10377439	SSF x LoA	-11,413	-0,006	0,281
CHR5	1E+07	CHR5:10386082	SSF x LoA	-10,788	0,014	0,290
CHR5	1E+07	CHR5:10419192	SSF x LoA	-11,043	0,057	0,279
CHR5	1E+07	CHR5:10419212	SSF x LoA	-10,889	0,065	0,284
CHR5	1E+07	CHR5:10419260	SSF x LoA	-10,834	-0,091	0,277
CHR5	1E+07	CHR5:10419319	SSF x LoA	-4,929	0,020	0,300
CHR5	1E+07	CHR5:10419361	SSF x LoA	-11,592	0,039	0,278
CHR5	1E+07	CHR5:10424672	SSF x LoA	-7,915	-0,132	0,269
CHR5	1043249	CHR5:1043249	SSF x LoA	-8,413	0,014	0,285
CHR5	1E+07	CHR5:10433555	SSF x LoA	-8,660	-0,068	0,280
CHR5	1E+07	CHR5:10433602	SSF x LoA	-9,174	-0,054	0,279
CHR5	1E+07	CHR5:10433637	SSF x LoA	-7,322	-0,047	0,298
CHR5	1E+07	CHR5:10433656	SSF x LoA	-8,028	-0,032	0,289
CHR5	1043366	CHR5:1043366	SSF x LoA	-10,294	0,089	0,288
CHR5	1E+07	CHR5:10433725	SSF x LoA	-7,889	0,042	0,302
CHR5	1E+07	CHR5:10433732	SSF x LoA	-10,976	-0,038	0,295
CHR5	1043446	CHR5:1043446	SSF x LoA	-9,071	-0,043	0,274
CHR5	1043449	CHR5:1043449	SSF x LoA	-7,965	0,013	0,298
CHR5	1E+07	CHR5:10446712	SSF x LoA	-8,378	-0,055	0,295
CHR5	1E+07	CHR5:10451894	SSF x LoA	-10,354	-0,017	0,283
CHR5	1E+07	CHR5:10451997	SSF x LoA	-8,317	0,055	0,290
CHR5	1E+07	CHR5:10472596	SSF x LoA	-9,508	0,021	0,299
CHR5	1E+07	CHR5:10472605	SSF x LoA	-9,804	0,068	0,289
CHR5	1E+07	CHR5:10472679	SSF x LoA	-8,807	-0,087	0,288
CHR5	1E+07	CHR5:10474233	SSF x LoA	-6,871	-0,185	0,286
CHR5	1E+07	CHR5:10474270	SSF x LoA	-8,259	0,040	0,301
CHR5	1E+07	CHR5:10474287	SSF x LoA	-8,059	0,013	0,276
CHR5	1E+07	CHR5:10482361	SSF x LoA	-9,538	0,072	0,290
CHR5	1049389	CHR5:1049389	SSF x LoA	-7,883	-0,161	0,285
CHR5	1049419	CHR5:1049419	SSF x LoA	-8,692	-0,011	0,281
CHR5	1051124	CHR5:1051124	SSF x LoA	-8,640	-0,081	0,287
CHR5	10515667	CHR5:10515667	SSF x LoA	-9,619	0,052	0,303
CHR5	10515671	CHR5:10515671	SSF x LoA	-10,252	0,035	0,306
CHR5	10515799	CHR5:10515799	SSF x LoA	-7,532	-0,090	0,285
CHR5	10521150	CHR5:10521150	SSF x LoA	-9,368	0,052	0,294
CHR5	10521181	CHR5:10521181	SSF x LoA	-8,690	-0,068	0,293
CHR5	10521265	CHR5:10521265	SSF x LoA	-8,102	-0,024	0,295
CHR5	10527183	CHR5:10527183	SSF x LoA	-7,693	0,068	0,280
CHR5	10527199	CHR5:10527199	SSF x LoA	-7,783	0,008	0,307
CHR5	10527315	CHR5:10527315	SSF x LoA	-7,124	-0,007	0,283
CHR5	10527403	CHR5:10527403	SSF x LoA	-10,702	-0,077	0,280
CHR5	10527427	CHR5:10527427	SSF x LoA	-7,037	-0,052	0,292
CHR5	10531469	CHR5:10531469	SSF x LoA	-4,782	0,063	0,288
CHR5	10531531	CHR5:10531531	SSF x LoA	-6,773	0,063	0,312
CHR5	10531560	CHR5:10531560	SSF x LoA	-7,346	-0,032	0,300
CHR5	1054004	CHR5:1054004	SSF x LoA	-6,731	0,111	0,277

CHR5	1054043	CHR5:1054043	SSF x LoA	-7,106	0,123	0,288
CHR5	1054127	CHR5:1054127	SSF x LoA	-10,393	0,095	0,274
CHR5	1056587	CHR5:1056587	SSF x LoA	-6,322	0,133	0,296
CHR5	1056628	CHR5:1056628	SSF x LoA	-7,682	0,148	0,292
CHR5	10566648	CHR5:10566648	SSF x LoA	-7,984	-0,009	0,275
CHR5	1056681	CHR5:1056681	SSF x LoA	-7,854	-0,102	0,283
CHR5	1056735	CHR5:1056735	SSF x LoA	-8,613	0,076	0,281
CHR5	10570259	CHR5:10570259	SSF x LoA	-8,553	-0,085	0,273
CHR5	10570308	CHR5:10570308	SSF x LoA	-9,219	-0,036	0,289
CHR5	10570516	CHR5:10570516	SSF x LoA	-8,025	-0,035	0,308
CHR5	10573970	CHR5:10573970	SSF x LoA	-10,827	0,049	0,286
CHR5	10574045	CHR5:10574045	SSF x LoA	-8,092	0,091	0,282
CHR5	10574090	CHR5:10574090	SSF x LoA	-7,661	0,047	0,293
CHR5	10574211	CHR5:10574211	SSF x LoA	-7,973	0,066	0,294
CHR5	10584837	CHR5:10584837	SSF x LoA	-9,438	-0,031	0,283
CHR5	10590606	CHR5:10590606	SSF x LoA	-10,325	0,027	0,295
CHR5	10590748	CHR5:10590748	SSF x LoA	-10,481	0,028	0,290
CHR5	10590780	CHR5:10590780	SSF x LoA	-10,675	-0,003	0,285
CHR5	10604507	CHR5:10604507	SSF x LoA	-8,505	0,013	0,300
CHR5	10638645	CHR5:10638645	SSF x LoA	-6,822	-0,134	0,288
CHR5	10638741	CHR5:10638741	SSF x LoA	-11,445	0,004	0,294
CHR5	10638762	CHR5:10638762	SSF x LoA	-8,226	-0,057	0,296
CHR5	10638903	CHR5:10638903	SSF x LoA	-8,239	-0,079	0,295
CHR5	10638994	CHR5:10638994	SSF x LoA	-8,869	-0,002	0,286
CHR5	10638999	CHR5:10638999	SSF x LoA	-9,574	0,028	0,284
CHR5	10656485	CHR5:10656485	SSF x LoA	-8,459	-0,038	0,286
CHR5	10656499	CHR5:10656499	SSF x LoA	-8,966	0,085	0,270
CHR5	10656508	CHR5:10656508	SSF x LoA	-9,021	-0,003	0,299
CHR5	10660055	CHR5:10660055	SSF x LoA	-7,044	-0,152	0,297
CHR5	10660056	CHR5:10660056	SSF x LoA	-7,561	-0,101	0,280
CHR5	10660057	CHR5:10660057	SSF x LoA	-8,885	-0,104	0,282
CHR5	10660058	CHR5:10660058	SSF x LoA	-7,098	0,177	0,285
CHR5	10660313	CHR5:10660313	SSF x LoA	-6,064	-0,222	0,269
CHR5	1067642	CHR5:1067642	SSF x LoA	-8,174	0,082	0,286
CHR5	1067665	CHR5:1067665	SSF x LoA	-6,487	-0,193	0,284
CHR5	1067672	CHR5:1067672	SSF x LoA	-8,187	0,102	0,288
CHR5	1067677	CHR5:1067677	SSF x LoA	-8,000	0,085	0,291
CHR5	1067683	CHR5:1067683	SSF x LoA	-9,610	-0,054	0,284
CHR5	1067731	CHR5:1067731	SSF x LoA	-6,939	0,136	0,279
CHR5	1067744	CHR5:1067744	SSF x LoA	-11,123	-0,068	0,298
CHR5	1067917	CHR5:1067917	SSF x LoA	-8,756	0,044	0,297
CHR5	1067937	CHR5:1067937	SSF x LoA	-9,997	0,043	0,296
CHR5	1067945	CHR5:1067945	SSF x LoA	-10,892	0,015	0,278
CHR5	10684902	CHR5:10684902	SSF x LoA	-10,216	0,048	0,298
CHR5	10685071	CHR5:10685071	SSF x LoA	-6,827	-0,077	0,279
CHR5	10685143	CHR5:10685143	SSF x LoA	-11,087	-0,006	0,292
CHR5	10715835	CHR5:10715835	SSF x LoA	-10,856	-0,014	0,291
CHR5	10715888	CHR5:10715888	SSF x LoA	-9,588	-0,015	0,302
CHR5	10715912	CHR5:10715912	SSF x LoA	-9,011	-0,019	0,303
CHR5	10715942	CHR5:10715942	SSF x LoA	-6,759	-0,158	0,274
CHR5	10715968	CHR5:10715968	SSF x LoA	-8,051	0,143	0,297
CHR5	10717340	CHR5:10717340	SSF x LoA	-10,079	-0,004	0,293
CHR5	10717484	CHR5:10717484	SSF x LoA	-11,797	-0,011	0,278

CHR5	1072540	CHR5:1072540	SSF x LoA	-1,247	0,097	0,290
CHR5	10728929	CHR5:10728929	SSF x LoA	-3,775	0,090	0,291
CHR5	10728966	CHR5:10728966	SSF x LoA	-9,079	0,036	0,290
CHR5	10740526	CHR5:10740526	SSF x LoA	-8,067	0,110	0,297
CHR5	10740553	CHR5:10740553	SSF x LoA	-10,615	-0,060	0,281
CHR5	10740716	CHR5:10740716	SSF x LoA	-8,791	0,064	0,299
CHR5	10740841	CHR5:10740841	SSF x LoA	-6,811	0,144	0,276
CHR5	10746196	CHR5:10746196	SSF x LoA	-11,507	-0,056	0,281
CHR5	10746463	CHR5:10746463	SSF x LoA	-11,976	-0,065	0,281
CHR5	10772824	CHR5:10772824	SSF x LoA	-10,054	0,067	0,300
CHR5	10773024	CHR5:10773024	SSF x LoA	-11,142	0,042	0,289
CHR5	10784900	CHR5:10784900	SSF x LoA	-7,996	-0,003	0,270
CHR5	10784908	CHR5:10784908	SSF x LoA	-10,536	-0,005	0,292
CHR5	10784927	CHR5:10784927	SSF x LoA	-9,823	-0,035	0,282
CHR5	10789296	CHR5:10789296	SSF x LoA	-10,364	-0,130	0,274
CHR5	10789368	CHR5:10789368	SSF x LoA	-6,968	-0,084	0,281
CHR5	10790852	CHR5:10790852	SSF x LoA	-9,586	-0,112	0,288
CHR5	10790874	CHR5:10790874	SSF x LoA	-8,475	0,045	0,294
CHR5	10790875	CHR5:10790875	SSF x LoA	-10,715	0,097	0,287
CHR5	10795816	CHR5:10795816	SSF x LoA	-10,517	-0,060	0,284
CHR5	10798796	CHR5:10798796	SSF x LoA	-10,709	-0,024	0,296
CHR5	10798932	CHR5:10798932	SSF x LoA	-7,944	-0,056	0,296
CHR5	10860486	CHR5:10860486	SSF x LoA	-4,718	0,111	0,283
CHR5	10860511	CHR5:10860511	SSF x LoA	-10,840	-0,064	0,307
CHR5	10860538	CHR5:10860538	SSF x LoA	-11,216	-0,017	0,283
CHR5	10878529	CHR5:10878529	SSF x LoA	-6,917	-0,108	0,289
CHR5	10878538	CHR5:10878538	SSF x LoA	-6,374	0,197	0,278
CHR5	10878560	CHR5:10878560	SSF x LoA	-8,753	-0,076	0,275
CHR5	10878577	CHR5:10878577	SSF x LoA	-7,361	-0,096	0,287
CHR5	10884735	CHR5:10884735	SSF x LoA	-8,700	0,035	0,273
CHR5	10884902	CHR5:10884902	SSF x LoA	-7,133	0,084	0,307
CHR5	10915598	CHR5:10915598	SSF x LoA	-7,404	0,145	0,290
CHR5	10925927	CHR5:10925927	SSF x LoA	-9,818	0,123	0,294
CHR5	10925945	CHR5:10925945	SSF x LoA	-8,157	0,040	0,277
CHR5	10926138	CHR5:10926138	SSF x LoA	-5,729	0,004	0,291
CHR5	10926139	CHR5:10926139	SSF x LoA	-9,750	0,068	0,282
CHR5	10929709	CHR5:10929709	SSF x LoA	-7,773	-0,003	0,295
CHR5	10929942	CHR5:10929942	SSF x LoA	-8,349	-0,110	0,288
CHR5	10929981	CHR5:10929981	SSF x LoA	-5,024	0,157	0,289
CHR5	10931408	CHR5:10931408	SSF x LoA	-7,941	0,097	0,271
CHR5	10938287	CHR5:10938287	SSF x LoA	-8,317	-0,082	0,286
CHR5	10938368	CHR5:10938368	SSF x LoA	-6,817	0,106	0,304
CHR5	10965631	CHR5:10965631	SSF x LoA	-10,642	0,054	0,297
CHR5	10982905	CHR5:10982905	SSF x LoA	-6,072	0,059	0,290
CHR5	10982909	CHR5:10982909	SSF x LoA	-9,892	-0,145	0,278
CHR5	10982966	CHR5:10982966	SSF x LoA	-9,658	-0,087	0,275
CHR5	10983042	CHR5:10983042	SSF x LoA	-7,793	-0,032	0,281
CHR5	10983044	CHR5:10983044	SSF x LoA	0,179	-0,137	0,268
CHR5	10983074	CHR5:10983074	SSF x LoA	-10,400	-0,123	0,275
CHR5	10983159	CHR5:10983159	SSF x LoA	-10,518	0,048	0,281
CHR5	10983181	CHR5:10983181	SSF x LoA	-9,542	-0,004	0,300
CHR5	10984273	CHR5:10984273	SSF x LoA	-9,921	0,049	0,300
CHR5	10984341	CHR5:10984341	SSF x LoA	-10,177	0,001	0,286

CHR5	1099874	CHR5:1099874	SSF x LoA	-9,940	-0,055	0,283
CHR5	11001121	CHR5:11001121	SSF x LoA	-6,675	0,095	0,291
CHR5	11001142	CHR5:11001142	SSF x LoA	-6,427	0,024	0,290
CHR5	11016516	CHR5:11016516	SSF x LoA	-10,111	0,008	0,283
CHR5	11016664	CHR5:11016664	SSF x LoA	-9,089	-0,038	0,297
CHR5	11016685	CHR5:11016685	SSF x LoA	-9,784	0,032	0,295
CHR5	11016689	CHR5:11016689	SSF x LoA	-6,651	-0,073	0,295
CHR5	11016727	CHR5:11016727	SSF x LoA	-8,078	-0,069	0,298
CHR5	11016768	CHR5:11016768	SSF x LoA	-8,731	-0,086	0,292
CHR5	11016801	CHR5:11016801	SSF x LoA	-11,351	-0,045	0,289
CHR5	11016807	CHR5:11016807	SSF x LoA	-10,722	-0,053	0,293
CHR5	11019827	CHR5:11019827	SSF x LoA	-6,246	-0,019	0,292
CHR5	11019904	CHR5:11019904	SSF x LoA	-8,343	0,097	0,290
CHR5	11051215	CHR5:11051215	SSF x LoA	-7,569	-0,015	0,301
CHR5	11051221	CHR5:11051221	SSF x LoA	-8,432	-0,020	0,315
CHR5	11063348	CHR5:11063348	SSF x LoA	-8,834	0,010	0,300
CHR5	11063369	CHR5:11063369	SSF x LoA	-10,221	-0,116	0,288
CHR5	11063435	CHR5:11063435	SSF x LoA	-8,886	-0,136	0,295
CHR5	11069728	CHR5:11069728	SSF x LoA	-7,572	-0,104	0,291
CHR5	11075674	CHR5:11075674	SSF x LoA	-5,841	0,262	0,272
CHR5	11075791	CHR5:11075791	SSF x LoA	-10,868	0,041	0,296
CHR5	11075837	CHR5:11075837	SSF x LoA	-10,711	-0,020	0,303
CHR5	11075934	CHR5:11075934	SSF x LoA	-6,240	0,007	0,295
CHR5	11093036	CHR5:11093036	SSF x LoA	-8,560	0,101	0,297
CHR5	11098221	CHR5:11098221	SSF x LoA	-8,172	0,014	0,281
CHR5	11098268	CHR5:11098268	SSF x LoA	-7,046	0,140	0,301
CHR5	11098284	CHR5:11098284	SSF x LoA	-1,055	0,129	0,285
CHR5	11110066	CHR5:11110066	SSF x LoA	-8,266	0,153	0,292
CHR5	11128670	CHR5:11128670	SSF x LoA	-8,608	-0,112	0,268
CHR5	11186865	CHR5:11186865	SSF x LoA	-8,481	-0,094	0,304
CHR5	11206066	CHR5:11206066	SSF x LoA	1,506	-0,044	0,274
CHR5	11217399	CHR5:11217399	SSF x LoA	-8,407	0,050	0,277
CHR5	11247784	CHR5:11247784	SSF x LoA	-8,151	0,057	0,284
CHR5	11255451	CHR5:11255451	SSF x LoA	-10,933	0,035	0,304
CHR5	11304229	CHR5:11304229	SSF x LoA	-7,730	-0,013	0,299
CHR5	11304488	CHR5:11304488	SSF x LoA	-6,388	0,052	0,303
CHR5	11304503	CHR5:11304503	SSF x LoA	-8,511	0,068	0,299
CHR5	11304526	CHR5:11304526	SSF x LoA	-8,193	0,032	0,293
CHR5	11322137	CHR5:11322137	SSF x LoA	-7,789	-0,089	0,284
CHR5	11322231	CHR5:11322231	SSF x LoA	-10,573	-0,109	0,270
CHR5	11339264	CHR5:11339264	SSF x LoA	-11,174	-0,062	0,289
CHR5	11343736	CHR5:11343736	SSF x LoA	-8,817	0,073	0,296
CHR5	11344062	CHR5:11344062	SSF x LoA	-7,732	-0,111	0,278
CHR5	11357792	CHR5:11357792	SSF x LoA	-7,572	0,222	0,281
CHR5	11357904	CHR5:11357904	SSF x LoA	-8,423	0,102	0,294
CHR5	11357956	CHR5:11357956	SSF x LoA	-9,826	0,057	0,272
CHR5	11373380	CHR5:11373380	SSF x LoA	-8,299	-0,130	0,283
CHR5	11373525	CHR5:11373525	SSF x LoA	-8,237	-0,047	0,282
CHR5	11373560	CHR5:11373560	SSF x LoA	-8,741	-0,087	0,292
CHR5	11377322	CHR5:11377322	SSF x LoA	-10,650	0,075	0,273
CHR5	11403025	CHR5:11403025	SSF x LoA	-10,060	0,008	0,299
CHR5	11403027	CHR5:11403027	SSF x LoA	-10,781	0,019	0,279
CHR5	11403195	CHR5:11403195	SSF x LoA	-7,661	0,109	0,294

CHR5	11403303	CHR5:11403303	SSF x LoA	-7,244	-0,026	0,282
CHR5	11408422	CHR5:11408422	SSF x LoA	-8,138	0,027	0,295
CHR5	11415129	CHR5:11415129	SSF x LoA	-8,726	0,070	0,301
CHR5	11415161	CHR5:11415161	SSF x LoA	-3,320	0,158	0,287
CHR5	11415168	CHR5:11415168	SSF x LoA	-7,882	-0,082	0,296
CHR5	11422895	CHR5:11422895	SSF x LoA	-9,811	-0,032	0,305
CHR5	11422977	CHR5:11422977	SSF x LoA	-10,466	-0,016	0,285
CHR5	11422995	CHR5:11422995	SSF x LoA	-0,600	-0,061	0,296
CHR5	11423088	CHR5:11423088	SSF x LoA	-9,711	-0,021	0,292
CHR5	11428592	CHR5:11428592	SSF x LoA	-7,728	-0,075	0,283
CHR5	11428662	CHR5:11428662	SSF x LoA	-8,361	0,089	0,299
CHR5	11430270	CHR5:11430270	SSF x LoA	-9,937	0,042	0,288
CHR5	11430545	CHR5:11430545	SSF x LoA	-11,363	0,027	0,272
CHR5	11437197	CHR5:11437197	SSF x LoA	-5,323	-0,210	0,281
CHR5	11446920	CHR5:11446920	SSF x LoA	-8,545	-0,062	0,290
CHR5	11446927	CHR5:11446927	SSF x LoA	-9,705	0,047	0,296
CHR5	11463526	CHR5:11463526	SSF x LoA	-5,928	0,201	0,262
CHR5	11463567	CHR5:11463567	SSF x LoA	-5,819	0,172	0,273
CHR5	11480622	CHR5:11480622	SSF x LoA	-10,524	0,005	0,290
CHR5	11480769	CHR5:11480769	SSF x LoA	-10,564	-0,084	0,281
CHR5	11523566	CHR5:11523566	SSF x LoA	-10,130	-0,014	0,298
CHR5	11523677	CHR5:11523677	SSF x LoA	-10,222	-0,007	0,300
CHR5	11530255	CHR5:11530255	SSF x LoA	-8,450	0,123	0,276
CHR5	11551305	CHR5:11551305	SSF x LoA	-10,145	0,062	0,290
CHR5	11583667	CHR5:11583667	SSF x LoA	-7,273	0,131	0,299
CHR5	11583732	CHR5:11583732	SSF x LoA	-10,257	0,033	0,287
CHR5	11583748	CHR5:11583748	SSF x LoA	-8,186	0,054	0,277
CHR5	11592204	CHR5:11592204	SSF x LoA	-9,845	0,032	0,287
CHR5	11593594	CHR5:11593594	SSF x LoA	-8,700	-0,061	0,263
CHR5	11593769	CHR5:11593769	SSF x LoA	-10,809	-0,031	0,285
CHR5	11606395	CHR5:11606395	SSF x LoA	-7,848	0,131	0,281
CHR5	11606461	CHR5:11606461	SSF x LoA	-9,824	0,038	0,281
CHR5	11606486	CHR5:11606486	SSF x LoA	-9,101	-0,021	0,291
CHR5	11611424	CHR5:11611424	SSF x LoA	-7,153	0,147	0,294
CHR5	11611493	CHR5:11611493	SSF x LoA	-9,748	0,044	0,293
CHR5	11611512	CHR5:11611512	SSF x LoA	-5,842	0,113	0,285
CHR5	11611616	CHR5:11611616	SSF x LoA	-8,059	0,047	0,284
CHR5	11630569	CHR5:11630569	SSF x LoA	-6,693	-0,200	0,292
CHR5	11632840	CHR5:11632840	SSF x LoA	-7,938	-0,015	0,296
CHR5	11632927	CHR5:11632927	SSF x LoA	-11,120	0,018	0,288
CHR5	11632991	CHR5:11632991	SSF x LoA	-8,222	-0,033	0,293
CHR5	11636821	CHR5:11636821	SSF x LoA	-10,472	-0,051	0,301
CHR5	11636916	CHR5:11636916	SSF x LoA	-6,201	-0,226	0,273
CHR5	11637000	CHR5:11637000	SSF x LoA	-2,966	0,188	0,285
CHR5	11644189	CHR5:11644189	SSF x LoA	-7,627	-0,120	0,281
CHR5	11644237	CHR5:11644237	SSF x LoA	-9,981	0,030	0,285
CHR5	11644298	CHR5:11644298	SSF x LoA	-7,520	0,083	0,303
CHR5	11644308	CHR5:11644308	SSF x LoA	-8,806	0,049	0,295
CHR5	11644310	CHR5:11644310	SSF x LoA	-9,486	-0,025	0,284
CHR5	11644334	CHR5:11644334	SSF x LoA	-7,979	-0,014	0,283
CHR5	11649793	CHR5:11649793	SSF x LoA	-10,990	-0,036	0,281
CHR5	11669646	CHR5:11669646	SSF x LoA	-9,621	0,118	0,294
CHR5	11673595	CHR5:11673595	SSF x LoA	-10,311	-0,041	0,284

CHR5	11673648	CHR5:11673648	SSF x LoA	-6,872	0,077	0,280
CHR5	11673676	CHR5:11673676	SSF x LoA	-8,617	-0,057	0,287
CHR5	11692960	CHR5:11692960	SSF x LoA	1,015	-0,088	0,288
CHR5	11693184	CHR5:11693184	SSF x LoA	-6,801	-0,188	0,280
CHR5	11695902	CHR5:11695902	SSF x LoA	-10,107	0,030	0,304
CHR5	11695988	CHR5:11695988	SSF x LoA	-11,316	0,047	0,281
CHR5	11701915	CHR5:11701915	SSF x LoA	-9,942	0,047	0,286
CHR5	11703479	CHR5:11703479	SSF x LoA	-9,390	0,075	0,280
CHR5	11720499	CHR5:11720499	SSF x LoA	-8,157	0,088	0,293
CHR5	11720604	CHR5:11720604	SSF x LoA	-9,367	0,098	0,298
CHR5	11720622	CHR5:11720622	SSF x LoA	-8,050	0,101	0,262
CHR5	11721876	CHR5:11721876	SSF x LoA	-7,849	0,036	0,302
CHR5	11721880	CHR5:11721880	SSF x LoA	-4,482	0,034	0,299
CHR5	11721930	CHR5:11721930	SSF x LoA	-8,234	-0,021	0,292
CHR5	11721948	CHR5:11721948	SSF x LoA	-5,792	-0,019	0,292
CHR5	11721954	CHR5:11721954	SSF x LoA	-10,519	0,066	0,293
CHR5	11732972	CHR5:11732972	SSF x LoA	-7,739	-0,102	0,292
CHR5	11745878	CHR5:11745878	SSF x LoA	-10,817	0,096	0,284
CHR5	11765929	CHR5:11765929	SSF x LoA	-8,144	-0,119	0,279
CHR5	11766035	CHR5:11766035	SSF x LoA	-10,833	0,091	0,285
CHR5	11766628	CHR5:11766628	SSF x LoA	-7,584	0,082	0,270
CHR5	11767704	CHR5:11767704	SSF x LoA	-8,997	-0,023	0,302
CHR5	11781037	CHR5:11781037	SSF x LoA	-9,861	0,055	0,291
CHR5	11808196	CHR5:11808196	SSF x LoA	-9,726	-0,036	0,291
CHR5	11808199	CHR5:11808199	SSF x LoA	-5,550	0,168	0,276
CHR5	11808388	CHR5:11808388	SSF x LoA	-6,294	0,087	0,294
CHR5	11821736	CHR5:11821736	SSF x LoA	-8,885	-0,026	0,292
CHR5	11821925	CHR5:11821925	SSF x LoA	-6,799	-0,187	0,278
CHR5	11839538	CHR5:11839538	SSF x LoA	-9,768	0,003	0,284
CHR5	11839715	CHR5:11839715	SSF x LoA	-6,036	-0,102	0,288
CHR5	11852668	CHR5:11852668	SSF x LoA	-10,904	-0,002	0,291
CHR5	11852737	CHR5:11852737	SSF x LoA	-7,726	-0,064	0,287
CHR5	11852771	CHR5:11852771	SSF x LoA	-9,733	-0,028	0,301
CHR5	11852937	CHR5:11852937	SSF x LoA	-9,447	0,051	0,288
CHR5	11873680	CHR5:11873680	SSF x LoA	-10,694	0,070	0,301
CHR5	11876570	CHR5:11876570	SSF x LoA	-8,419	-0,191	0,272
CHR5	11919823	CHR5:11919823	SSF x LoA	-9,706	-0,079	0,302
CHR5	11919974	CHR5:11919974	SSF x LoA	-9,838	-0,040	0,274
CHR5	11923665	CHR5:11923665	SSF x LoA	-5,426	-0,164	0,281
CHR5	11923686	CHR5:11923686	SSF x LoA	-10,972	-0,044	0,289
CHR5	11927674	CHR5:11927674	SSF x LoA	-8,666	-0,103	0,279
CHR5	11927822	CHR5:11927822	SSF x LoA	-4,289	-0,155	0,287
CHR5	11930581	CHR5:11930581	SSF x LoA	-5,064	0,218	0,271
CHR5	11946368	CHR5:11946368	SSF x LoA	-8,641	-0,115	0,278
CHR5	11946389	CHR5:11946389	SSF x LoA	-8,311	-0,013	0,289
CHR5	11946440	CHR5:11946440	SSF x LoA	-6,351	-0,041	0,294
CHR5	11991568	CHR5:11991568	SSF x LoA	-5,422	0,235	0,284
CHR5	11991745	CHR5:11991745	SSF x LoA	-7,710	-0,127	0,290
CHR5	11991764	CHR5:11991764	SSF x LoA	-9,390	-0,062	0,288
CHR5	12004925	CHR5:12004925	SSF x LoA	-8,713	-0,033	0,299
CHR5	12004932	CHR5:12004932	SSF x LoA	-6,999	-0,141	0,265
CHR5	12019533	CHR5:12019533	SSF x LoA	-10,144	-0,098	0,281
CHR5	12047434	CHR5:12047434	SSF x LoA	-7,996	0,054	0,299

CHR5	12052841	CHR5:12052841	SSF x LoA	-10,287	0,118	0,287
CHR5	12062754	CHR5:12062754	SSF x LoA	-8,049	-0,026	0,282
CHR5	12064590	CHR5:12064590	SSF x LoA	-7,181	-0,086	0,284
CHR5	12073917	CHR5:12073917	SSF x LoA	-8,928	0,055	0,288
CHR5	12083316	CHR5:12083316	SSF x LoA	-8,349	0,066	0,295
CHR5	12083509	CHR5:12083509	SSF x LoA	-8,744	-0,030	0,298
CHR5	12087069	CHR5:12087069	SSF x LoA	-7,408	0,182	0,282
CHR5	12087088	CHR5:12087088	SSF x LoA	-9,460	0,001	0,292
CHR5	12087230	CHR5:12087230	SSF x LoA	-7,631	-0,106	0,282
CHR5	12087248	CHR5:12087248	SSF x LoA	-6,232	0,249	0,274
CHR5	12088685	CHR5:12088685	SSF x LoA	-8,128	-0,101	0,270
CHR5	12088745	CHR5:12088745	SSF x LoA	-2,043	0,267	0,269
CHR5	12088852	CHR5:12088852	SSF x LoA	-10,964	-0,023	0,287
CHR5	12089692	CHR5:12089692	SSF x LoA	-5,863	0,130	0,284
CHR5	12089724	CHR5:12089724	SSF x LoA	-5,454	0,159	0,286
CHR5	12089848	CHR5:12089848	SSF x LoA	-5,704	-0,142	0,285
CHR5	12089887	CHR5:12089887	SSF x LoA	-8,244	-0,098	0,290
CHR5	12097566	CHR5:12097566	SSF x LoA	-6,199	-0,079	0,302
CHR5	12108562	CHR5:12108562	SSF x LoA	-11,170	0,024	0,280
CHR5	12129563	CHR5:12129563	SSF x LoA	-7,406	0,113	0,287
CHR5	12129662	CHR5:12129662	SSF x LoA	-9,088	0,026	0,283
CHR5	12129791	CHR5:12129791	SSF x LoA	-8,672	-0,038	0,283
CHR5	12138051	CHR5:12138051	SSF x LoA	-7,558	0,049	0,285
CHR5	12160209	CHR5:12160209	SSF x LoA	-11,724	-0,030	0,288
CHR5	12165022	CHR5:12165022	SSF x LoA	-10,451	0,071	0,287
CHR5	12165122	CHR5:12165122	SSF x LoA	-9,632	0,041	0,292
CHR5	12168320	CHR5:12168320	SSF x LoA	-8,745	-0,048	0,293
CHR5	12174438	CHR5:12174438	SSF x LoA	-7,958	0,064	0,288
CHR5	12174628	CHR5:12174628	SSF x LoA	-7,664	-0,065	0,295
CHR5	12181808	CHR5:12181808	SSF x LoA	-7,449	0,128	0,290
CHR5	12181825	CHR5:12181825	SSF x LoA	-8,172	0,140	0,283
CHR5	12184109	CHR5:12184109	SSF x LoA	-7,946	-0,032	0,294
CHR5	12184314	CHR5:12184314	SSF x LoA	-10,643	0,103	0,287
CHR5	12199332	CHR5:12199332	SSF x LoA	-5,425	0,038	0,299
CHR5	12225212	CHR5:12225212	SSF x LoA	-6,102	-0,166	0,282
CHR5	12270918	CHR5:12270918	SSF x LoA	-10,519	0,001	0,294
CHR5	12298772	CHR5:12298772	SSF x LoA	-8,072	-0,021	0,300
CHR5	12503683	CHR5:12503683	SSF x LoA	-7,921	0,005	0,300
CHR5	1258467	CHR5:1258467	SSF x LoA	-9,201	-0,082	0,292
CHR5	1288036	CHR5:1288036	SSF x LoA	-7,523	-0,038	0,290
CHR5	1288122	CHR5:1288122	SSF x LoA	-3,236	0,063	0,292
CHR5	1288144	CHR5:1288144	SSF x LoA	-8,599	0,066	0,301
CHR5	1288236	CHR5:1288236	SSF x LoA	-10,625	0,037	0,285
CHR5	1288244	CHR5:1288244	SSF x LoA	-8,517	0,091	0,288
CHR5	1288268	CHR5:1288268	SSF x LoA	-8,151	-0,034	0,299
CHR5	1288285	CHR5:1288285	SSF x LoA	-9,690	-0,022	0,290
CHR5	1288296	CHR5:1288296	SSF x LoA	-4,524	0,142	0,286
CHR5	1288313	CHR5:1288313	SSF x LoA	-3,175	-0,140	0,278
CHR5	1290703	CHR5:1290703	SSF x LoA	-10,289	0,089	0,287
CHR5	1290728	CHR5:1290728	SSF x LoA	-6,153	-0,146	0,268
CHR5	1290738	CHR5:1290738	SSF x LoA	-8,385	0,127	0,291
CHR5	1290750	CHR5:1290750	SSF x LoA	-4,283	-0,140	0,291
CHR5	1290965	CHR5:1290965	SSF x LoA	-8,893	0,022	0,277

CHR5	1291021	CHR5:1291021	SSF x LoA	-10,710	0,092	0,285
CHR5	1291056	CHR5:1291056	SSF x LoA	-9,002	0,079	0,275
CHR5	1300572	CHR5:1300572	SSF x LoA	-10,283	-0,017	0,283
CHR5	1326645	CHR5:1326645	SSF x LoA	-7,641	-0,086	0,287
CHR5	1326743	CHR5:1326743	SSF x LoA	-10,386	0,020	0,271
CHR5	1326786	CHR5:1326786	SSF x LoA	-8,768	0,131	0,289
CHR5	1372550	CHR5:1372550	SSF x LoA	-7,521	-0,139	0,300
CHR5	1380709	CHR5:1380709	SSF x LoA	-7,790	-0,019	0,281
CHR5	1515023	CHR5:1515023	SSF x LoA	-6,514	0,070	0,277
CHR5	1602608	CHR5:1602608	SSF x LoA	-6,263	0,003	0,284
CHR5	1602613	CHR5:1602613	SSF x LoA	-9,372	-0,014	0,298
CHR5	1602622	CHR5:1602622	SSF x LoA	-9,052	-0,110	0,296
CHR5	1611864	CHR5:1611864	SSF x LoA	-8,119	-0,144	0,297
CHR5	1616065	CHR5:1616065	SSF x LoA	-8,920	0,004	0,293
CHR5	1620738	CHR5:1620738	SSF x LoA	-6,141	0,030	0,295
CHR5	1620804	CHR5:1620804	SSF x LoA	-8,082	0,014	0,293
CHR5	1620841	CHR5:1620841	SSF x LoA	-9,623	-0,041	0,292
CHR5	1662702	CHR5:1662702	SSF x LoA	-6,804	0,052	0,268
CHR5	1662729	CHR5:1662729	SSF x LoA	-8,956	0,020	0,270
CHR5	1662730	CHR5:1662730	SSF x LoA	-5,585	0,010	0,269
CHR5	1686415	CHR5:1686415	SSF x LoA	-8,585	0,001	0,295
CHR5	1690551	CHR5:1690551	SSF x LoA	-8,499	-0,065	0,287
CHR5	1690661	CHR5:1690661	SSF x LoA	-9,578	0,143	0,289
CHR5	1690766	CHR5:1690766	SSF x LoA	-7,821	0,097	0,288
CHR5	1741473	CHR5:1741473	SSF x LoA	-8,176	-0,046	0,285
CHR5	1741623	CHR5:1741623	SSF x LoA	-6,188	-0,156	0,275
CHR5	1750201	CHR5:1750201	SSF x LoA	-8,956	0,030	0,294
CHR5	1750228	CHR5:1750228	SSF x LoA	-9,081	0,031	0,294
CHR5	1776439	CHR5:1776439	SSF x LoA	-8,129	-0,049	0,287
CHR5	1776495	CHR5:1776495	SSF x LoA	-5,629	-0,150	0,284
CHR5	1776590	CHR5:1776590	SSF x LoA	-7,935	-0,107	0,274
CHR5	1776720	CHR5:1776720	SSF x LoA	-6,062	-0,106	0,293
CHR5	1776739	CHR5:1776739	SSF x LoA	-9,467	-0,069	0,279
CHR5	1780161	CHR5:1780161	SSF x LoA	-10,947	-0,075	0,272
CHR5	1780175	CHR5:1780175	SSF x LoA	-9,663	0,018	0,287
CHR5	1780244	CHR5:1780244	SSF x LoA	-3,743	-0,199	0,277
CHR5	1780254	CHR5:1780254	SSF x LoA	-9,871	-0,121	0,287
CHR5	1780283	CHR5:1780283	SSF x LoA	-4,201	0,220	0,272
CHR5	1780359	CHR5:1780359	SSF x LoA	-7,831	-0,016	0,299
CHR5	1782143	CHR5:1782143	SSF x LoA	-7,990	0,095	0,276
CHR5	1785778	CHR5:1785778	SSF x LoA	-6,906	0,084	0,291
CHR5	1785961	CHR5:1785961	SSF x LoA	-7,492	-0,089	0,290
CHR5	1790478	CHR5:1790478	SSF x LoA	-8,266	0,125	0,285
CHR5	1840420	CHR5:1840420	SSF x LoA	-10,216	-0,074	0,282
CHR5	1845762	CHR5:1845762	SSF x LoA	-3,834	0,175	0,283
CHR5	1845848	CHR5:1845848	SSF x LoA	-8,100	-0,210	0,280
CHR5	1845850	CHR5:1845850	SSF x LoA	-6,355	0,110	0,293
CHR5	1845868	CHR5:1845868	SSF x LoA	-10,229	-0,062	0,277
CHR5	1845880	CHR5:1845880	SSF x LoA	-5,673	-0,165	0,288
CHR5	1845981	CHR5:1845981	SSF x LoA	-9,161	0,095	0,291
CHR5	1845988	CHR5:1845988	SSF x LoA	-4,031	0,223	0,285
CHR5	1845998	CHR5:1845998	SSF x LoA	-6,927	0,192	0,286
CHR5	1846029	CHR5:1846029	SSF x LoA	-2,539	0,223	0,274

CHR5	1871408	CHR5:1871408	SSF x LoA	-8,622	0,053	0,294
CHR5	1871681	CHR5:1871681	SSF x LoA	-8,679	0,006	0,289
CHR5	1871685	CHR5:1871685	SSF x LoA	-8,849	-0,008	0,284
CHR5	1871782	CHR5:1871782	SSF x LoA	-9,687	0,041	0,289
CHR5	1876570	CHR5:1876570	SSF x LoA	-7,801	-0,113	0,290
CHR5	1876619	CHR5:1876619	SSF x LoA	-6,339	0,188	0,282
CHR5	1882653	CHR5:1882653	SSF x LoA	-9,717	-0,065	0,276
CHR5	1882671	CHR5:1882671	SSF x LoA	-6,575	0,157	0,290
CHR5	1882706	CHR5:1882706	SSF x LoA	-9,421	0,126	0,293
CHR5	1882729	CHR5:1882729	SSF x LoA	-9,300	-0,076	0,281
CHR5	1885454	CHR5:1885454	SSF x LoA	-10,155	-0,053	0,295
CHR5	1885456	CHR5:1885456	SSF x LoA	-6,276	-0,025	0,304
CHR5	1885499	CHR5:1885499	SSF x LoA	-9,195	0,093	0,301
CHR5	1885504	CHR5:1885504	SSF x LoA	-8,681	0,024	0,292
CHR5	1885550	CHR5:1885550	SSF x LoA	-5,643	-0,103	0,295
CHR5	1885598	CHR5:1885598	SSF x LoA	-11,152	0,049	0,288
CHR5	1885613	CHR5:1885613	SSF x LoA	-7,741	-0,079	0,292
CHR5	1885633	CHR5:1885633	SSF x LoA	-8,568	-0,068	0,285
CHR5	1885660	CHR5:1885660	SSF x LoA	-10,389	-0,016	0,288
CHR5	1885670	CHR5:1885670	SSF x LoA	-9,333	-0,074	0,294
CHR5	1885755	CHR5:1885755	SSF x LoA	-7,619	0,101	0,291
CHR5	1885756	CHR5:1885756	SSF x LoA	-9,434	0,064	0,280
CHR5	1885757	CHR5:1885757	SSF x LoA	-5,944	0,126	0,278
CHR5	1885758	CHR5:1885758	SSF x LoA	-10,040	0,128	0,275
CHR5	1885773	CHR5:1885773	SSF x LoA	-7,832	-0,010	0,294
CHR5	1891272	CHR5:1891272	SSF x LoA	-10,175	-0,040	0,292
CHR5	1901773	CHR5:1901773	SSF x LoA	-10,691	-0,006	0,282
CHR5	1901973	CHR5:1901973	SSF x LoA	-9,617	-0,040	0,279
CHR5	1917255	CHR5:1917255	SSF x LoA	-9,638	-0,036	0,301
CHR5	1917268	CHR5:1917268	SSF x LoA	-10,305	0,063	0,289
CHR5	1917276	CHR5:1917276	SSF x LoA	-9,703	-0,004	0,283
CHR5	1917333	CHR5:1917333	SSF x LoA	-8,257	-0,026	0,291
CHR5	1925910	CHR5:1925910	SSF x LoA	-10,125	0,047	0,284
CHR5	1929413	CHR5:1929413	SSF x LoA	-3,855	-0,158	0,286
CHR5	1941327	CHR5:1941327	SSF x LoA	-8,046	-0,024	0,304
CHR5	1941329	CHR5:1941329	SSF x LoA	-8,108	-0,030	0,296
CHR5	1941344	CHR5:1941344	SSF x LoA	-7,993	-0,015	0,299
CHR5	1941538	CHR5:1941538	SSF x LoA	-12,164	0,023	0,285
CHR5	1949037	CHR5:1949037	SSF x LoA	-9,682	0,012	0,275
CHR5	1949185	CHR5:1949185	SSF x LoA	-7,406	0,002	0,295
CHR5	1949238	CHR5:1949238	SSF x LoA	-1,942	0,120	0,302
CHR5	1949296	CHR5:1949296	SSF x LoA	-9,345	0,119	0,295
CHR5	1962471	CHR5:1962471	SSF x LoA	-6,475	0,103	0,278
CHR5	1977552	CHR5:1977552	SSF x LoA	-10,729	-0,041	0,289
CHR5	1994273	CHR5:1994273	SSF x LoA	-10,769	-0,017	0,281
CHR5	1994328	CHR5:1994328	SSF x LoA	-8,354	-0,072	0,281
CHR5	1994352	CHR5:1994352	SSF x LoA	-9,222	-0,055	0,293
CHR5	1994421	CHR5:1994421	SSF x LoA	-8,528	0,008	0,299
CHR5	1994489	CHR5:1994489	SSF x LoA	-9,357	0,117	0,278
CHR5	1994490	CHR5:1994490	SSF x LoA	-7,446	-0,149	0,289
CHR5	2006306	CHR5:2006306	SSF x LoA	-10,112	-0,010	0,310
CHR5	2020499	CHR5:2020499	SSF x LoA	-7,580	0,079	0,300
CHR5	2020503	CHR5:2020503	SSF x LoA	-8,483	-0,031	0,288

CHR5	2020606	CHR5:2020606	SSF x LoA	-7,675	0,057	0,304
CHR5	2020617	CHR5:2020617	SSF x LoA	-10,185	0,070	0,302
CHR5	2020706	CHR5:2020706	SSF x LoA	-10,600	0,108	0,297
CHR5	2020708	CHR5:2020708	SSF x LoA	-9,285	0,103	0,310
CHR5	2020734	CHR5:2020734	SSF x LoA	-8,932	-0,045	0,296
CHR5	2020735	CHR5:2020735	SSF x LoA	-4,282	-0,051	0,285
CHR5	2020739	CHR5:2020739	SSF x LoA	-9,068	-0,027	0,289
CHR5	2020755	CHR5:2020755	SSF x LoA	-8,500	-0,070	0,282
CHR5	2020762	CHR5:2020762	SSF x LoA	-8,788	-0,057	0,283
CHR5	2024744	CHR5:2024744	SSF x LoA	-10,114	0,105	0,292
CHR5	2024783	CHR5:2024783	SSF x LoA	-10,697	0,002	0,278
CHR5	2033055	CHR5:2033055	SSF x LoA	-10,278	-0,115	0,290
CHR5	2033160	CHR5:2033160	SSF x LoA	-9,547	-0,038	0,281
CHR5	2033409	CHR5:2033409	SSF x LoA	-10,330	-0,093	0,290
CHR5	2033566	CHR5:2033566	SSF x LoA	-9,562	0,066	0,287
CHR5	2044785	CHR5:2044785	SSF x LoA	-8,346	-0,083	0,274
CHR5	2044820	CHR5:2044820	SSF x LoA	-8,252	0,012	0,298
CHR5	2044851	CHR5:2044851	SSF x LoA	-8,554	0,026	0,296
CHR5	2044870	CHR5:2044870	SSF x LoA	-7,574	-0,020	0,302
CHR5	2044919	CHR5:2044919	SSF x LoA	-9,787	0,086	0,285
CHR5	2049369	CHR5:2049369	SSF x LoA	-10,416	0,005	0,282
CHR5	2055810	CHR5:2055810	SSF x LoA	-8,070	-0,087	0,293
CHR5	2055987	CHR5:2055987	SSF x LoA	-6,731	-0,173	0,276
CHR5	2059079	CHR5:2059079	SSF x LoA	-7,117	0,089	0,278
CHR5	2059229	CHR5:2059229	SSF x LoA	-9,125	0,034	0,294
CHR5	2099692	CHR5:2099692	SSF x LoA	-8,913	0,050	0,290
CHR5	2099752	CHR5:2099752	SSF x LoA	0,311	-0,237	0,274
CHR5	2099851	CHR5:2099851	SSF x LoA	-5,576	0,007	0,283
CHR5	2099859	CHR5:2099859	SSF x LoA	-7,760	-0,166	0,282
CHR5	2099893	CHR5:2099893	SSF x LoA	-5,247	-0,214	0,272
CHR5	2099904	CHR5:2099904	SSF x LoA	-10,180	-0,118	0,278
CHR5	2099905	CHR5:2099905	SSF x LoA	-10,797	-0,121	0,278
CHR5	2128502	CHR5:2128502	SSF x LoA	-7,224	0,108	0,288
CHR5	2128566	CHR5:2128566	SSF x LoA	-10,653	0,049	0,289
CHR5	2128600	CHR5:2128600	SSF x LoA	-8,358	0,052	0,279
CHR5	2138872	CHR5:2138872	SSF x LoA	-8,616	0,036	0,302
CHR5	2138979	CHR5:2138979	SSF x LoA	-7,343	-0,090	0,302
CHR5	2138981	CHR5:2138981	SSF x LoA	-9,055	-0,058	0,280
CHR5	2139038	CHR5:2139038	SSF x LoA	-8,731	-0,182	0,271
CHR5	2144251	CHR5:2144251	SSF x LoA	-7,514	-0,153	0,287
CHR5	2144323	CHR5:2144323	SSF x LoA	-10,795	0,062	0,289
CHR5	2144476	CHR5:2144476	SSF x LoA	-4,895	0,150	0,286
CHR5	2147213	CHR5:2147213	SSF x LoA	-11,277	0,024	0,277
CHR5	2147267	CHR5:2147267	SSF x LoA	-9,959	-0,109	0,294
CHR5	2147287	CHR5:2147287	SSF x LoA	-7,686	-0,014	0,290
CHR5	2147304	CHR5:2147304	SSF x LoA	-10,296	-0,034	0,292
CHR5	2157262	CHR5:2157262	SSF x LoA	-8,756	0,036	0,290
CHR5	2157263	CHR5:2157263	SSF x LoA	-8,765	0,056	0,303
CHR5	2157438	CHR5:2157438	SSF x LoA	-8,426	-0,136	0,280
CHR5	2157575	CHR5:2157575	SSF x LoA	-7,866	-0,026	0,284
CHR5	2157592	CHR5:2157592	SSF x LoA	-10,358	-0,029	0,298
CHR5	2157593	CHR5:2157593	SSF x LoA	-10,071	-0,011	0,291
CHR5	2157599	CHR5:2157599	SSF x LoA	-9,204	-0,045	0,286

CHR5	2168702	CHR5:2168702	SSF x LoA	-7,157	0,010	0,308
CHR5	2168775	CHR5:2168775	SSF x LoA	-5,946	-0,091	0,281
CHR5	2168794	CHR5:2168794	SSF x LoA	-8,637	-0,019	0,290
CHR5	2168801	CHR5:2168801	SSF x LoA	-9,056	-0,047	0,295
CHR5	2168809	CHR5:2168809	SSF x LoA	-9,014	-0,046	0,257
CHR5	2168810	CHR5:2168810	SSF x LoA	-5,061	0,090	0,292
CHR5	2168812	CHR5:2168812	SSF x LoA	-6,924	0,082	0,284
CHR5	2168834	CHR5:2168834	SSF x LoA	-7,441	0,096	0,279
CHR5	2176124	CHR5:2176124	SSF x LoA	-8,518	0,024	0,278
CHR5	2176265	CHR5:2176265	SSF x LoA	-10,075	0,064	0,280
CHR5	2176341	CHR5:2176341	SSF x LoA	-8,369	-0,013	0,284
CHR5	2176345	CHR5:2176345	SSF x LoA	-8,522	0,047	0,290
CHR5	2176375	CHR5:2176375	SSF x LoA	-7,303	-0,073	0,286
CHR5	2187785	CHR5:2187785	SSF x LoA	-8,378	0,158	0,300
CHR5	2187904	CHR5:2187904	SSF x LoA	-5,423	-0,111	0,279
CHR5	2187918	CHR5:2187918	SSF x LoA	-8,266	-0,089	0,279
CHR5	2187946	CHR5:2187946	SSF x LoA	-5,286	-0,138	0,277
CHR5	2187974	CHR5:2187974	SSF x LoA	-7,552	-0,121	0,296
CHR5	2210798	CHR5:2210798	SSF x LoA	-9,563	-0,025	0,281
CHR5	2210917	CHR5:2210917	SSF x LoA	-8,318	0,032	0,291
CHR5	2211008	CHR5:2211008	SSF x LoA	-10,316	0,011	0,293
CHR5	2229100	CHR5:2229100	SSF x LoA	-6,650	0,147	0,290
CHR5	2229150	CHR5:2229150	SSF x LoA	-7,032	-0,029	0,297
CHR5	2229264	CHR5:2229264	SSF x LoA	-9,262	0,007	0,269
CHR5	2229281	CHR5:2229281	SSF x LoA	-4,866	-0,185	0,281
CHR5	2234894	CHR5:2234894	SSF x LoA	-8,600	0,026	0,290
CHR5	2234923	CHR5:2234923	SSF x LoA	-7,270	-0,038	0,293
CHR5	2235014	CHR5:2235014	SSF x LoA	-6,554	0,133	0,280
CHR5	2243240	CHR5:2243240	SSF x LoA	-8,436	0,045	0,289
CHR5	2243256	CHR5:2243256	SSF x LoA	-9,409	-0,017	0,294
CHR5	2243380	CHR5:2243380	SSF x LoA	-9,411	0,064	0,295
CHR5	2243397	CHR5:2243397	SSF x LoA	-10,380	0,030	0,292
CHR5	2248113	CHR5:2248113	SSF x LoA	-9,874	0,034	0,280
CHR5	2256013	CHR5:2256013	SSF x LoA	-8,804	-0,058	0,289
CHR5	2256092	CHR5:2256092	SSF x LoA	-8,603	-0,064	0,290
CHR5	2256161	CHR5:2256161	SSF x LoA	-9,282	0,008	0,300
CHR5	2256162	CHR5:2256162	SSF x LoA	-4,720	-0,003	0,294
CHR5	2257849	CHR5:2257849	SSF x LoA	-9,048	0,151	0,286
CHR5	2271181	CHR5:2271181	SSF x LoA	-8,317	0,057	0,297
CHR5	2271182	CHR5:2271182	SSF x LoA	-8,422	0,031	0,288
CHR5	2271202	CHR5:2271202	SSF x LoA	-8,826	-0,116	0,284
CHR5	2281920	CHR5:2281920	SSF x LoA	-9,638	0,002	0,287
CHR5	2282027	CHR5:2282027	SSF x LoA	-8,699	-0,002	0,282
CHR5	2282073	CHR5:2282073	SSF x LoA	-8,712	0,044	0,282
CHR5	2314361	CHR5:2314361	SSF x LoA	-6,167	-0,023	0,295
CHR5	2314412	CHR5:2314412	SSF x LoA	-8,368	0,111	0,283
CHR5	2314485	CHR5:2314485	SSF x LoA	-8,859	0,015	0,287
CHR5	2314589	CHR5:2314589	SSF x LoA	-11,468	0,015	0,279
CHR5	2314669	CHR5:2314669	SSF x LoA	-7,190	0,072	0,301
CHR5	2335672	CHR5:2335672	SSF x LoA	-8,596	-0,032	0,284
CHR5	2335802	CHR5:2335802	SSF x LoA	-6,639	0,119	0,273
CHR5	2335830	CHR5:2335830	SSF x LoA	-3,999	0,118	0,283
CHR5	2335868	CHR5:2335868	SSF x LoA	-8,389	0,049	0,291

CHR5	2337270	CHR5:2337270	SSF x LoA	-10,633	0,015	0,286
CHR5	2337343	CHR5:2337343	SSF x LoA	-8,020	-0,067	0,286
CHR5	2339008	CHR5:2339008	SSF x LoA	-7,658	-0,169	0,281
CHR5	2339040	CHR5:2339040	SSF x LoA	-9,143	-0,001	0,304
CHR5	2339097	CHR5:2339097	SSF x LoA	-7,113	0,091	0,294
CHR5	2339188	CHR5:2339188	SSF x LoA	-6,145	0,185	0,293
CHR5	2339218	CHR5:2339218	SSF x LoA	-4,082	-0,104	0,297
CHR5	2342506	CHR5:2342506	SSF x LoA	-10,903	-0,022	0,292
CHR5	2342536	CHR5:2342536	SSF x LoA	-7,907	0,064	0,285
CHR5	2342561	CHR5:2342561	SSF x LoA	-9,901	-0,081	0,276
CHR5	2343619	CHR5:2343619	SSF x LoA	-8,671	-0,089	0,294
CHR5	2351113	CHR5:2351113	SSF x LoA	-9,447	0,035	0,275
CHR5	2351212	CHR5:2351212	SSF x LoA	-9,120	0,051	0,285
CHR5	2361555	CHR5:2361555	SSF x LoA	-10,598	0,098	0,288
CHR5	2361646	CHR5:2361646	SSF x LoA	-8,735	0,004	0,286
CHR5	2361648	CHR5:2361648	SSF x LoA	-6,529	0,157	0,283
CHR5	2361844	CHR5:2361844	SSF x LoA	-8,132	0,125	0,288
CHR5	2363152	CHR5:2363152	SSF x LoA	-7,236	0,095	0,276
CHR5	2363159	CHR5:2363159	SSF x LoA	-7,332	-0,099	0,283
CHR5	2363176	CHR5:2363176	SSF x LoA	-7,464	-0,064	0,299
CHR5	2363220	CHR5:2363220	SSF x LoA	-8,357	0,127	0,275
CHR5	2363224	CHR5:2363224	SSF x LoA	-4,141	0,183	0,272
CHR5	2363241	CHR5:2363241	SSF x LoA	-9,512	-0,071	0,292
CHR5	2371118	CHR5:2371118	SSF x LoA	-8,695	0,072	0,289
CHR5	2371154	CHR5:2371154	SSF x LoA	-10,892	0,004	0,292
CHR5	2382489	CHR5:2382489	SSF x LoA	-8,616	0,077	0,285
CHR5	2382529	CHR5:2382529	SSF x LoA	-8,822	-0,094	0,288
CHR5	2382557	CHR5:2382557	SSF x LoA	-8,166	-0,044	0,293
CHR5	2382566	CHR5:2382566	SSF x LoA	-10,752	0,011	0,293
CHR5	2382593	CHR5:2382593	SSF x LoA	-4,433	0,015	0,278
CHR5	2384517	CHR5:2384517	SSF x LoA	-9,117	-0,040	0,289
CHR5	2401469	CHR5:2401469	SSF x LoA	-7,403	-0,151	0,291
CHR5	2401677	CHR5:2401677	SSF x LoA	-6,453	0,119	0,288
CHR5	2401749	CHR5:2401749	SSF x LoA	-8,708	0,019	0,304
CHR5	2401805	CHR5:2401805	SSF x LoA	-8,344	-0,048	0,285
CHR5	2403730	CHR5:2403730	SSF x LoA	-9,130	0,019	0,278
CHR5	2403748	CHR5:2403748	SSF x LoA	-6,644	0,099	0,288
CHR5	2403866	CHR5:2403866	SSF x LoA	-10,827	-0,003	0,280
CHR5	2403868	CHR5:2403868	SSF x LoA	-7,016	-0,139	0,284
CHR5	2416757	CHR5:2416757	SSF x LoA	-11,326	0,002	0,293
CHR5	2419077	CHR5:2419077	SSF x LoA	-7,850	-0,061	0,289
CHR5	2419208	CHR5:2419208	SSF x LoA	-8,285	0,001	0,302
CHR5	2419255	CHR5:2419255	SSF x LoA	-8,241	0,111	0,289
CHR5	2419311	CHR5:2419311	SSF x LoA	-9,267	0,039	0,279
CHR5	2421781	CHR5:2421781	SSF x LoA	-9,482	0,164	0,279
CHR5	2421798	CHR5:2421798	SSF x LoA	-8,705	-0,036	0,296
CHR5	2421822	CHR5:2421822	SSF x LoA	-7,801	-0,049	0,300
CHR5	2421832	CHR5:2421832	SSF x LoA	-8,140	0,059	0,280
CHR5	2425697	CHR5:2425697	SSF x LoA	-3,926	0,153	0,293
CHR5	2425698	CHR5:2425698	SSF x LoA	-3,052	0,150	0,291
CHR5	2425783	CHR5:2425783	SSF x LoA	-11,090	-0,034	0,284
CHR5	2425879	CHR5:2425879	SSF x LoA	-10,151	0,015	0,284
CHR5	2433650	CHR5:2433650	SSF x LoA	-7,481	0,079	0,299

CHR5	2442211	CHR5:2442211	SSF x LoA	-9,214	0,131	0,282
CHR5	2451138	CHR5:2451138	SSF x LoA	-6,731	-0,166	0,285
CHR5	2451144	CHR5:2451144	SSF x LoA	-4,494	-0,213	0,272
CHR5	2451191	CHR5:2451191	SSF x LoA	-8,029	-0,011	0,285
CHR5	2451199	CHR5:2451199	SSF x LoA	0,230	0,156	0,286
CHR5	2468255	CHR5:2468255	SSF x LoA	-5,614	0,023	0,292
CHR5	2468289	CHR5:2468289	SSF x LoA	-8,525	0,091	0,290
CHR5	2469149	CHR5:2469149	SSF x LoA	-10,801	-0,038	0,290
CHR5	2469183	CHR5:2469183	SSF x LoA	-8,167	-0,028	0,283
CHR5	2474633	CHR5:2474633	SSF x LoA	-9,388	-0,023	0,279
CHR5	2474694	CHR5:2474694	SSF x LoA	-9,370	0,105	0,297
CHR5	2474876	CHR5:2474876	SSF x LoA	-10,207	0,060	0,293
CHR5	2500077	CHR5:2500077	SSF x LoA	-8,417	-0,056	0,292
CHR5	2500203	CHR5:2500203	SSF x LoA	-5,270	0,141	0,288
CHR5	2500249	CHR5:2500249	SSF x LoA	-5,808	0,085	0,286
CHR5	2500257	CHR5:2500257	SSF x LoA	-9,125	0,063	0,306
CHR5	2500293	CHR5:2500293	SSF x LoA	-8,121	0,018	0,289
CHR5	2500307	CHR5:2500307	SSF x LoA	-6,024	-0,025	0,289
CHR5	2500310	CHR5:2500310	SSF x LoA	-5,448	-0,004	0,296
CHR5	2513700	CHR5:2513700	SSF x LoA	-8,994	-0,024	0,287
CHR5	2513772	CHR5:2513772	SSF x LoA	-7,610	0,110	0,285
CHR5	2513778	CHR5:2513778	SSF x LoA	-7,275	0,111	0,285
CHR5	2549374	CHR5:2549374	SSF x LoA	-8,744	0,021	0,294
CHR5	2549504	CHR5:2549504	SSF x LoA	-8,958	0,170	0,272
CHR5	2549506	CHR5:2549506	SSF x LoA	-6,512	-0,047	0,263
CHR5	2549518	CHR5:2549518	SSF x LoA	-9,282	-0,011	0,291
CHR5	2551199	CHR5:2551199	SSF x LoA	-7,454	-0,154	0,290
CHR5	2551444	CHR5:2551444	SSF x LoA	-9,065	0,097	0,289
CHR5	2564032	CHR5:2564032	SSF x LoA	-5,797	-0,093	0,307
CHR5	2564281	CHR5:2564281	SSF x LoA	-10,609	0,079	0,298
CHR5	2597690	CHR5:2597690	SSF x LoA	-10,484	-0,037	0,290
CHR5	2603917	CHR5:2603917	SSF x LoA	-5,652	0,014	0,290
CHR5	2604556	CHR5:2604556	SSF x LoA	-8,681	0,039	0,296
CHR5	2607157	CHR5:2607157	SSF x LoA	-8,031	0,154	0,286
CHR5	2607164	CHR5:2607164	SSF x LoA	-8,873	0,005	0,297
CHR5	2607320	CHR5:2607320	SSF x LoA	-10,534	0,026	0,289
CHR5	2652857	CHR5:2652857	SSF x LoA	-7,841	0,079	0,295
CHR5	2652878	CHR5:2652878	SSF x LoA	-7,877	0,005	0,295
CHR5	2652879	CHR5:2652879	SSF x LoA	-7,048	0,017	0,298
CHR5	2653688	CHR5:2653688	SSF x LoA	-10,789	0,037	0,265
CHR5	2653691	CHR5:2653691	SSF x LoA	-9,562	0,091	0,296
CHR5	2657212	CHR5:2657212	SSF x LoA	-9,424	-0,089	0,281
CHR5	2657217	CHR5:2657217	SSF x LoA	-6,978	0,210	0,282
CHR5	2672043	CHR5:2672043	SSF x LoA	-10,270	0,133	0,291
CHR5	2672060	CHR5:2672060	SSF x LoA	-11,270	0,059	0,280
CHR5	2730989	CHR5:2730989	SSF x LoA	-9,334	0,053	0,303
CHR5	2732842	CHR5:2732842	SSF x LoA	-7,315	-0,151	0,291
CHR5	2733030	CHR5:2733030	SSF x LoA	-7,415	0,122	0,285
CHR5	2733104	CHR5:2733104	SSF x LoA	-6,568	0,023	0,285
CHR5	2733133	CHR5:2733133	SSF x LoA	-10,268	0,052	0,284
CHR5	2733137	CHR5:2733137	SSF x LoA	-7,410	0,160	0,277
CHR5	2733177	CHR5:2733177	SSF x LoA	-9,712	0,049	0,305
CHR5	2733253	CHR5:2733253	SSF x LoA	-6,382	0,175	0,280

CHR5	2733263	CHR5:2733263	SSF x LoA	-5,078	0,170	0,301
CHR5	2733278	CHR5:2733278	SSF x LoA	-6,273	-0,192	0,287
CHR5	2775147	CHR5:2775147	SSF x LoA	-7,053	0,132	0,294
CHR5	2781560	CHR5:2781560	SSF x LoA	-12,011	-0,009	0,284
CHR5	2783149	CHR5:2783149	SSF x LoA	-9,579	0,037	0,290
CHR5	2783415	CHR5:2783415	SSF x LoA	-8,966	0,131	0,284
CHR5	2803734	CHR5:2803734	SSF x LoA	-7,206	0,082	0,294
CHR5	2817125	CHR5:2817125	SSF x LoA	-5,420	0,141	0,291
CHR5	2817131	CHR5:2817131	SSF x LoA	-6,154	0,125	0,302
CHR5	2817152	CHR5:2817152	SSF x LoA	-6,377	0,083	0,293
CHR5	2817718	CHR5:2817718	SSF x LoA	-3,989	-0,167	0,277
CHR5	2817742	CHR5:2817742	SSF x LoA	-10,400	-0,026	0,299
CHR5	2821024	CHR5:2821024	SSF x LoA	-9,348	-0,089	0,291
CHR5	2821034	CHR5:2821034	SSF x LoA	-8,340	-0,021	0,288
CHR5	2821210	CHR5:2821210	SSF x LoA	-8,424	-0,061	0,294
CHR5	2821214	CHR5:2821214	SSF x LoA	-6,148	-0,061	0,304
CHR5	2822374	CHR5:2822374	SSF x LoA	-6,429	0,027	0,290
CHR5	2857441	CHR5:2857441	SSF x LoA	-8,329	-0,027	0,275
CHR5	2857464	CHR5:2857464	SSF x LoA	-7,716	-0,037	0,296
CHR5	2857485	CHR5:2857485	SSF x LoA	-11,114	0,040	0,288
CHR5	2857546	CHR5:2857546	SSF x LoA	-10,481	0,046	0,292
CHR5	2857665	CHR5:2857665	SSF x LoA	-9,075	-0,005	0,286
CHR5	2857790	CHR5:2857790	SSF x LoA	-8,964	-0,020	0,294
CHR5	2869408	CHR5:2869408	SSF x LoA	-11,476	0,004	0,295
CHR5	2869479	CHR5:2869479	SSF x LoA	-9,401	0,133	0,288
CHR5	2869498	CHR5:2869498	SSF x LoA	-8,845	0,030	0,293
CHR5	2869633	CHR5:2869633	SSF x LoA	-5,897	0,033	0,288
CHR5	2903013	CHR5:2903013	SSF x LoA	-9,027	-0,145	0,287
CHR5	2903146	CHR5:2903146	SSF x LoA	-11,031	0,047	0,287
CHR5	2913443	CHR5:2913443	SSF x LoA	-7,512	0,115	0,295
CHR5	2913462	CHR5:2913462	SSF x LoA	-10,411	0,099	0,290
CHR5	2913663	CHR5:2913663	SSF x LoA	1,083	0,141	0,284
CHR5	2913827	CHR5:2913827	SSF x LoA	-8,378	0,035	0,294
CHR5	2913828	CHR5:2913828	SSF x LoA	-8,754	0,022	0,286
CHR5	2913863	CHR5:2913863	SSF x LoA	-6,129	0,176	0,271
CHR5	2913911	CHR5:2913911	SSF x LoA	-9,773	-0,055	0,279
CHR5	2942268	CHR5:2942268	SSF x LoA	-5,399	0,019	0,283
CHR5	2942645	CHR5:2942645	SSF x LoA	-9,000	0,008	0,303
CHR5	2942699	CHR5:2942699	SSF x LoA	-7,534	-0,032	0,285
CHR5	2945910	CHR5:2945910	SSF x LoA	-6,518	-0,177	0,265
CHR5	2948819	CHR5:2948819	SSF x LoA	-10,193	0,001	0,289
CHR5	2948832	CHR5:2948832	SSF x LoA	-4,094	-0,132	0,281
CHR5	2951669	CHR5:2951669	SSF x LoA	-9,949	-0,044	0,284
CHR5	2951676	CHR5:2951676	SSF x LoA	-8,484	-0,006	0,303
CHR5	2951677	CHR5:2951677	SSF x LoA	-8,556	-0,030	0,285
CHR5	2951684	CHR5:2951684	SSF x LoA	-8,485	0,129	0,290
CHR5	2951819	CHR5:2951819	SSF x LoA	-8,881	0,107	0,284
CHR5	2954734	CHR5:2954734	SSF x LoA	-10,489	-0,073	0,284
CHR5	2967011	CHR5:2967011	SSF x LoA	-6,803	-0,018	0,300
CHR5	2970209	CHR5:2970209	SSF x LoA	-10,856	0,011	0,288
CHR5	2978111	CHR5:2978111	SSF x LoA	-7,624	0,146	0,278
CHR5	2978152	CHR5:2978152	SSF x LoA	-9,941	-0,011	0,286
CHR5	2978156	CHR5:2978156	SSF x LoA	-3,704	-0,075	0,281

CHR5	2978167	CHR5:2978167	SSF x LoA	-9,120	-0,088	0,283
CHR5	2978298	CHR5:2978298	SSF x LoA	-5,678	0,064	0,278
CHR5	2978307	CHR5:2978307	SSF x LoA	-7,978	0,034	0,302
CHR5	2991184	CHR5:2991184	SSF x LoA	-7,150	0,118	0,284
CHR5	2995039	CHR5:2995039	SSF x LoA	-8,235	0,047	0,295
CHR5	2995255	CHR5:2995255	SSF x LoA	-6,352	0,191	0,275
CHR5	2996731	CHR5:2996731	SSF x LoA	-8,409	-0,159	0,288
CHR5	2996779	CHR5:2996779	SSF x LoA	-9,115	0,011	0,284
CHR5	2996823	CHR5:2996823	SSF x LoA	-4,630	0,107	0,285
CHR5	2996827	CHR5:2996827	SSF x LoA	-7,204	-0,083	0,291
CHR5	2996931	CHR5:2996931	SSF x LoA	-8,415	0,039	0,292
CHR5	2996954	CHR5:2996954	SSF x LoA	-7,046	-0,225	0,271
CHR5	3033256	CHR5:3033256	SSF x LoA	-7,797	0,062	0,279
CHR5	3033273	CHR5:3033273	SSF x LoA	-9,961	0,016	0,291
CHR5	3033342	CHR5:3033342	SSF x LoA	-9,470	-0,007	0,270
CHR5	3035173	CHR5:3035173	SSF x LoA	-8,979	0,052	0,285
CHR5	3035200	CHR5:3035200	SSF x LoA	-9,990	-0,062	0,298
CHR5	3035208	CHR5:3035208	SSF x LoA	-9,857	-0,072	0,298
CHR5	3035219	CHR5:3035219	SSF x LoA	-7,154	0,163	0,281
CHR5	3042059	CHR5:3042059	SSF x LoA	-7,305	0,009	0,302
CHR5	3042145	CHR5:3042145	SSF x LoA	-10,276	0,112	0,301
CHR5	3042267	CHR5:3042267	SSF x LoA	-9,731	-0,046	0,288
CHR5	3055404	CHR5:3055404	SSF x LoA	-8,078	0,067	0,284
CHR5	3067841	CHR5:3067841	SSF x LoA	-6,479	0,100	0,283
CHR5	3116132	CHR5:3116132	SSF x LoA	-9,611	-0,088	0,293
CHR5	3125554	CHR5:3125554	SSF x LoA	-9,023	-0,012	0,283
CHR5	3160448	CHR5:3160448	SSF x LoA	-6,394	-0,096	0,292
CHR5	3160516	CHR5:3160516	SSF x LoA	-8,407	-0,041	0,304
CHR5	3160539	CHR5:3160539	SSF x LoA	-10,274	0,060	0,281
CHR5	3171399	CHR5:3171399	SSF x LoA	-10,042	0,002	0,292
CHR5	3171450	CHR5:3171450	SSF x LoA	-9,195	0,033	0,287
CHR5	3171469	CHR5:3171469	SSF x LoA	-9,712	0,025	0,300
CHR5	3171482	CHR5:3171482	SSF x LoA	-9,075	0,095	0,285
CHR5	3171488	CHR5:3171488	SSF x LoA	-7,762	0,123	0,276
CHR5	3173124	CHR5:3173124	SSF x LoA	-8,074	-0,130	0,277
CHR5	3173139	CHR5:3173139	SSF x LoA	-8,198	0,095	0,275
CHR5	3173157	CHR5:3173157	SSF x LoA	-8,438	0,113	0,287
CHR5	3180382	CHR5:3180382	SSF x LoA	-11,828	-0,039	0,277
CHR5	3181511	CHR5:3181511	SSF x LoA	-8,472	0,029	0,298
CHR5	3198452	CHR5:3198452	SSF x LoA	-8,934	-0,008	0,290
CHR5	3198472	CHR5:3198472	SSF x LoA	-6,135	-0,039	0,286
CHR5	3198527	CHR5:3198527	SSF x LoA	-3,565	0,114	0,292
CHR5	3198541	CHR5:3198541	SSF x LoA	-8,897	-0,099	0,280
CHR5	3198577	CHR5:3198577	SSF x LoA	-9,144	-0,100	0,288
CHR5	3198661	CHR5:3198661	SSF x LoA	-3,627	-0,090	0,297
CHR5	3216348	CHR5:3216348	SSF x LoA	-7,701	0,088	0,292
CHR5	3216377	CHR5:3216377	SSF x LoA	-10,786	-0,003	0,284
CHR5	3216386	CHR5:3216386	SSF x LoA	-9,710	0,045	0,301
CHR5	3216408	CHR5:3216408	SSF x LoA	-11,314	-0,077	0,272
CHR5	3216419	CHR5:3216419	SSF x LoA	-10,191	0,065	0,292
CHR5	3218996	CHR5:3218996	SSF x LoA	-9,450	-0,128	0,277
CHR5	3219039	CHR5:3219039	SSF x LoA	-9,599	-0,095	0,282
CHR5	3224345	CHR5:3224345	SSF x LoA	-9,488	0,063	0,301

CHR5	3224371	CHR5:3224371	SSF x LoA	-10,198	-0,050	0,296
CHR5	3224404	CHR5:3224404	SSF x LoA	-10,378	-0,052	0,285
CHR5	3224423	CHR5:3224423	SSF x LoA	-5,866	-0,118	0,286
CHR5	3224442	CHR5:3224442	SSF x LoA	-6,926	0,051	0,295
CHR5	3224448	CHR5:3224448	SSF x LoA	-9,374	-0,015	0,294
CHR5	3243384	CHR5:3243384	SSF x LoA	-4,540	0,163	0,303
CHR5	3247998	CHR5:3247998	SSF x LoA	-7,576	0,026	0,291
CHR5	3248075	CHR5:3248075	SSF x LoA	-8,255	0,063	0,276
CHR5	3289103	CHR5:3289103	SSF x LoA	-6,884	-0,091	0,276
CHR5	3289133	CHR5:3289133	SSF x LoA	-6,486	0,071	0,287
CHR5	3289551	CHR5:3289551	SSF x LoA	-8,943	0,013	0,276
CHR5	3316769	CHR5:3316769	SSF x LoA	-8,839	0,053	0,289
CHR5	3316770	CHR5:3316770	SSF x LoA	-11,483	0,033	0,298
CHR5	3316771	CHR5:3316771	SSF x LoA	-10,023	0,045	0,293
CHR5	3316773	CHR5:3316773	SSF x LoA	-6,373	0,106	0,280
CHR5	3316842	CHR5:3316842	SSF x LoA	-10,219	0,020	0,293
CHR5	3343061	CHR5:3343061	SSF x LoA	-7,649	0,086	0,293
CHR5	3343089	CHR5:3343089	SSF x LoA	-6,865	-0,131	0,296
CHR5	3343198	CHR5:3343198	SSF x LoA	-10,378	-0,014	0,295
CHR5	3350166	CHR5:3350166	SSF x LoA	-7,326	0,153	0,281
CHR5	3350193	CHR5:3350193	SSF x LoA	-7,898	0,137	0,291
CHR5	3350213	CHR5:3350213	SSF x LoA	-8,612	-0,123	0,287
CHR5	3351581	CHR5:3351581	SSF x LoA	-9,227	-0,108	0,275
CHR5	3369007	CHR5:3369007	SSF x LoA	-8,899	-0,023	0,284
CHR5	3384959	CHR5:3384959	SSF x LoA	-10,191	-0,104	0,284
CHR5	3389854	CHR5:3389854	SSF x LoA	-10,740	-0,080	0,284
CHR5	3389860	CHR5:3389860	SSF x LoA	-10,329	0,080	0,287
CHR5	3390040	CHR5:3390040	SSF x LoA	-6,566	0,118	0,289
CHR5	3390220	CHR5:3390220	SSF x LoA	-7,519	-0,092	0,280
CHR5	3396477	CHR5:3396477	SSF x LoA	-10,640	-0,075	0,282
CHR5	3396479	CHR5:3396479	SSF x LoA	-7,977	0,101	0,287
CHR5	3396520	CHR5:3396520	SSF x LoA	-8,309	0,061	0,296
CHR5	3396537	CHR5:3396537	SSF x LoA	-8,424	0,051	0,296
CHR5	3396543	CHR5:3396543	SSF x LoA	-7,051	0,096	0,294
CHR5	3400578	CHR5:3400578	SSF x LoA	-7,870	-0,042	0,296
CHR5	3400580	CHR5:3400580	SSF x LoA	-3,519	0,165	0,283
CHR5	3413162	CHR5:3413162	SSF x LoA	-9,995	-0,094	0,287
CHR5	3413510	CHR5:3413510	SSF x LoA	-10,472	0,063	0,292
CHR5	3416732	CHR5:3416732	SSF x LoA	-9,795	-0,055	0,287
CHR5	3440401	CHR5:3440401	SSF x LoA	-10,437	-0,013	0,293
CHR5	3440547	CHR5:3440547	SSF x LoA	-8,155	0,170	0,272
CHR5	3440582	CHR5:3440582	SSF x LoA	-9,060	0,027	0,307
CHR5	3442512	CHR5:3442512	SSF x LoA	-7,944	-0,176	0,275
CHR5	3442527	CHR5:3442527	SSF x LoA	-8,533	-0,004	0,295
CHR5	3462990	CHR5:3462990	SSF x LoA	-8,374	0,016	0,282
CHR5	3463043	CHR5:3463043	SSF x LoA	-5,721	0,065	0,293
CHR5	3463172	CHR5:3463172	SSF x LoA	-9,121	-0,034	0,293
CHR5	3472439	CHR5:3472439	SSF x LoA	-2,445	-0,194	0,281
CHR5	3472467	CHR5:3472467	SSF x LoA	-2,415	-0,180	0,273
CHR5	3514865	CHR5:3514865	SSF x LoA	-7,417	-0,042	0,301
CHR5	3514867	CHR5:3514867	SSF x LoA	-7,535	-0,010	0,290
CHR5	3514965	CHR5:3514965	SSF x LoA	-8,906	0,100	0,274
CHR5	3515242	CHR5:3515242	SSF x LoA	-7,377	-0,103	0,301

CHR5	3518393	CHR5:3518393	SSF x LoA	-7,740	0,088	0,294
CHR5	3530959	CHR5:3530959	SSF x LoA	-9,473	0,055	0,285
CHR5	3531196	CHR5:3531196	SSF x LoA	-8,926	-0,048	0,297
CHR5	3531302	CHR5:3531302	SSF x LoA	-9,859	-0,030	0,289
CHR5	3532734	CHR5:3532734	SSF x LoA	-11,525	-0,037	0,287
CHR5	3549173	CHR5:3549173	SSF x LoA	-9,121	-0,089	0,286
CHR5	3549174	CHR5:3549174	SSF x LoA	-7,210	0,015	0,294
CHR5	3549206	CHR5:3549206	SSF x LoA	-7,446	0,165	0,276
CHR5	3549370	CHR5:3549370	SSF x LoA	-5,730	0,114	0,290
CHR5	3555209	CHR5:3555209	SSF x LoA	-6,804	-0,104	0,283
CHR5	3555232	CHR5:3555232	SSF x LoA	-9,922	-0,010	0,280
CHR5	3561908	CHR5:3561908	SSF x LoA	-8,473	0,035	0,279
CHR5	3561955	CHR5:3561955	SSF x LoA	-10,120	-0,071	0,282
CHR5	3561961	CHR5:3561961	SSF x LoA	-9,829	0,008	0,301
CHR5	3562136	CHR5:3562136	SSF x LoA	-9,584	-0,024	0,306
CHR5	3562226	CHR5:3562226	SSF x LoA	-10,691	-0,078	0,284
CHR5	3570956	CHR5:3570956	SSF x LoA	-5,268	-0,165	0,280
CHR5	3571130	CHR5:3571130	SSF x LoA	-9,720	0,021	0,293
CHR5	3571168	CHR5:3571168	SSF x LoA	-11,048	-0,035	0,299
CHR5	3571182	CHR5:3571182	SSF x LoA	-10,987	-0,059	0,281
CHR5	3573615	CHR5:3573615	SSF x LoA	-6,955	0,052	0,293
CHR5	3573616	CHR5:3573616	SSF x LoA	-10,542	0,013	0,303
CHR5	3579159	CHR5:3579159	SSF x LoA	-9,168	0,122	0,296
CHR5	3591343	CHR5:3591343	SSF x LoA	-5,144	0,118	0,293
CHR5	3608207	CHR5:3608207	SSF x LoA	-8,379	0,078	0,275
CHR5	3608244	CHR5:3608244	SSF x LoA	-7,704	0,104	0,279
CHR5	3608293	CHR5:3608293	SSF x LoA	-7,622	-0,130	0,288
CHR5	3630139	CHR5:3630139	SSF x LoA	-10,110	-0,020	0,297
CHR5	3630725	CHR5:3630725	SSF x LoA	-9,268	0,067	0,289
CHR5	3630760	CHR5:3630760	SSF x LoA	-9,795	0,032	0,300
CHR5	3631922	CHR5:3631922	SSF x LoA	-9,978	-0,093	0,285
CHR5	3631969	CHR5:3631969	SSF x LoA	-9,817	-0,099	0,288
CHR5	3632163	CHR5:3632163	SSF x LoA	-9,057	0,099	0,275
CHR5	3632254	CHR5:3632254	SSF x LoA	-8,691	0,061	0,297
CHR5	3632269	CHR5:3632269	SSF x LoA	-9,198	-0,043	0,287
CHR5	3636451	CHR5:3636451	SSF x LoA	-7,470	0,109	0,277
CHR5	3643336	CHR5:3643336	SSF x LoA	-9,581	0,040	0,292
CHR5	3650528	CHR5:3650528	SSF x LoA	-8,496	-0,046	0,290
CHR5	3650541	CHR5:3650541	SSF x LoA	-7,798	-0,024	0,286
CHR5	3650573	CHR5:3650573	SSF x LoA	-7,400	0,089	0,279
CHR5	3650581	CHR5:3650581	SSF x LoA	-6,865	0,031	0,285
CHR5	3650590	CHR5:3650590	SSF x LoA	-10,146	-0,008	0,284
CHR5	3671414	CHR5:3671414	SSF x LoA	-9,528	0,078	0,288
CHR5	3671506	CHR5:3671506	SSF x LoA	-8,910	0,001	0,291
CHR5	3677957	CHR5:3677957	SSF x LoA	-10,416	0,100	0,290
CHR5	3678264	CHR5:3678264	SSF x LoA	-5,598	-0,178	0,293
CHR5	3679380	CHR5:3679380	SSF x LoA	-10,438	-0,031	0,306
CHR5	3679463	CHR5:3679463	SSF x LoA	-9,034	0,025	0,300
CHR5	3679552	CHR5:3679552	SSF x LoA	-2,748	-0,048	0,307
CHR5	3686129	CHR5:3686129	SSF x LoA	-7,308	0,053	0,305
CHR5	3689013	CHR5:3689013	SSF x LoA	-8,852	0,042	0,287
CHR5	3689017	CHR5:3689017	SSF x LoA	-9,365	-0,022	0,290
CHR5	3689035	CHR5:3689035	SSF x LoA	-9,704	0,008	0,291

CHR5	3700499	CHR5:3700499	SSF x LoA	-9,880	0,008	0,293
CHR5	3700592	CHR5:3700592	SSF x LoA	-6,469	-0,118	0,286
CHR5	3722306	CHR5:3722306	SSF x LoA	-10,651	0,030	0,276
CHR5	3722471	CHR5:3722471	SSF x LoA	-6,080	-0,095	0,268
CHR5	3722503	CHR5:3722503	SSF x LoA	-8,902	0,051	0,274
CHR5	3722505	CHR5:3722505	SSF x LoA	-9,922	0,025	0,272
CHR5	3722538	CHR5:3722538	SSF x LoA	-8,783	0,080	0,288
CHR5	3734092	CHR5:3734092	SSF x LoA	-7,635	0,132	0,292
CHR5	3734319	CHR5:3734319	SSF x LoA	-8,357	-0,037	0,284
CHR5	3734364	CHR5:3734364	SSF x LoA	-9,613	0,058	0,302
CHR5	3748544	CHR5:3748544	SSF x LoA	-7,356	-0,117	0,278
CHR5	3748568	CHR5:3748568	SSF x LoA	-7,333	0,105	0,280
CHR5	3748578	CHR5:3748578	SSF x LoA	-6,931	0,078	0,276
CHR5	3748848	CHR5:3748848	SSF x LoA	-8,242	0,037	0,285
CHR5	3755944	CHR5:3755944	SSF x LoA	-8,293	-0,175	0,276
CHR5	3755956	CHR5:3755956	SSF x LoA	-6,242	0,101	0,298
CHR5	3756024	CHR5:3756024	SSF x LoA	-10,152	-0,092	0,291
CHR5	3756718	CHR5:3756718	SSF x LoA	-10,167	-0,024	0,293
CHR5	3756783	CHR5:3756783	SSF x LoA	-6,749	-0,100	0,298
CHR5	3756788	CHR5:3756788	SSF x LoA	-11,263	-0,018	0,271
CHR5	3764497	CHR5:3764497	SSF x LoA	-4,761	-0,152	0,274
CHR5	3764687	CHR5:3764687	SSF x LoA	-5,182	-0,323	0,248
CHR5	3785769	CHR5:3785769	SSF x LoA	-7,522	-0,041	0,278
CHR5	3785778	CHR5:3785778	SSF x LoA	-7,552	0,088	0,284
CHR5	3785830	CHR5:3785830	SSF x LoA	-7,625	0,008	0,290
CHR5	3785854	CHR5:3785854	SSF x LoA	-10,168	-0,025	0,286
CHR5	3785865	CHR5:3785865	SSF x LoA	-8,425	-0,060	0,288
CHR5	3785903	CHR5:3785903	SSF x LoA	-11,395	-0,014	0,285
CHR5	3785926	CHR5:3785926	SSF x LoA	-7,719	0,105	0,302
CHR5	3785978	CHR5:3785978	SSF x LoA	-9,827	-0,042	0,294
CHR5	3786012	CHR5:3786012	SSF x LoA	-10,821	0,037	0,302
CHR5	3786122	CHR5:3786122	SSF x LoA	-8,303	0,114	0,289
CHR5	3786153	CHR5:3786153	SSF x LoA	-10,641	-0,110	0,286
CHR5	3801999	CHR5:3801999	SSF x LoA	-9,886	-0,082	0,298
CHR5	3802204	CHR5:3802204	SSF x LoA	-9,656	0,034	0,266
CHR5	3812209	CHR5:3812209	SSF x LoA	-9,819	0,035	0,274
CHR5	3828708	CHR5:3828708	SSF x LoA	-9,458	0,071	0,293
CHR5	3829839	CHR5:3829839	SSF x LoA	-7,499	0,105	0,290
CHR5	3830013	CHR5:3830013	SSF x LoA	-8,818	-0,021	0,300
CHR5	3836683	CHR5:3836683	SSF x LoA	-6,128	0,153	0,294
CHR5	3864601	CHR5:3864601	SSF x LoA	-8,346	-0,005	0,295
CHR5	3864690	CHR5:3864690	SSF x LoA	-8,870	-0,027	0,302
CHR5	3864707	CHR5:3864707	SSF x LoA	-9,035	0,012	0,285
CHR5	3893616	CHR5:3893616	SSF x LoA	-7,943	-0,027	0,297
CHR5	3907090	CHR5:3907090	SSF x LoA	-8,982	-0,120	0,295
CHR5	3908677	CHR5:3908677	SSF x LoA	-0,984	0,062	0,292
CHR5	3908695	CHR5:3908695	SSF x LoA	-7,356	0,108	0,286
CHR5	3908746	CHR5:3908746	SSF x LoA	-8,625	0,014	0,296
CHR5	3908794	CHR5:3908794	SSF x LoA	-11,221	-0,058	0,281
CHR5	3911012	CHR5:3911012	SSF x LoA	-7,081	0,012	0,291
CHR5	3911078	CHR5:3911078	SSF x LoA	-6,861	-0,058	0,286
CHR5	3917395	CHR5:3917395	SSF x LoA	-5,109	0,127	0,284
CHR5	3917402	CHR5:3917402	SSF x LoA	-5,378	-0,180	0,282

CHR5	3934921	CHR5:3934921	SSF x LoA	-10,022	0,036	0,287
CHR5	3944828	CHR5:3944828	SSF x LoA	-7,940	0,081	0,276
CHR5	3944930	CHR5:3944930	SSF x LoA	-7,178	0,081	0,276
CHR5	3944948	CHR5:3944948	SSF x LoA	-10,225	-0,033	0,289
CHR5	3946362	CHR5:3946362	SSF x LoA	-10,907	-0,025	0,286
CHR5	3973663	CHR5:3973663	SSF x LoA	-10,262	-0,014	0,292
CHR5	3976174	CHR5:3976174	SSF x LoA	-7,981	0,047	0,288
CHR5	4003642	CHR5:4003642	SSF x LoA	-8,385	-0,130	0,285
CHR5	4003690	CHR5:4003690	SSF x LoA	-10,227	0,008	0,281
CHR5	4003796	CHR5:4003796	SSF x LoA	-10,428	0,111	0,280
CHR5	4003863	CHR5:4003863	SSF x LoA	-9,303	0,072	0,292
CHR5	4011470	CHR5:4011470	SSF x LoA	-7,093	0,149	0,295
CHR5	4011530	CHR5:4011530	SSF x LoA	-8,410	-0,097	0,266
CHR5	4011561	CHR5:4011561	SSF x LoA	-11,774	0,003	0,281
CHR5	4011570	CHR5:4011570	SSF x LoA	-8,876	0,047	0,288
CHR5	4011604	CHR5:4011604	SSF x LoA	-6,598	-0,090	0,291
CHR5	4011617	CHR5:4011617	SSF x LoA	-4,464	-0,168	0,297
CHR5	4011631	CHR5:4011631	SSF x LoA	-8,772	0,026	0,307
CHR5	4056234	CHR5:4056234	SSF x LoA	-8,433	0,044	0,286
CHR5	4060417	CHR5:4060417	SSF x LoA	-9,654	0,044	0,281
CHR5	4062811	CHR5:4062811	SSF x LoA	-8,572	0,055	0,300
CHR5	4062939	CHR5:4062939	SSF x LoA	-9,373	0,023	0,288
CHR5	4062976	CHR5:4062976	SSF x LoA	-7,504	-0,062	0,298
CHR5	4074416	CHR5:4074416	SSF x LoA	-6,278	-0,088	0,293
CHR5	4074723	CHR5:4074723	SSF x LoA	-8,388	-0,057	0,288
CHR5	4074765	CHR5:4074765	SSF x LoA	-9,984	-0,066	0,284
CHR5	4078089	CHR5:4078089	SSF x LoA	-10,063	0,047	0,292
CHR5	4078111	CHR5:4078111	SSF x LoA	-8,945	-0,113	0,279
CHR5	4078162	CHR5:4078162	SSF x LoA	-9,431	-0,031	0,280
CHR5	4078169	CHR5:4078169	SSF x LoA	-11,209	0,005	0,278
CHR5	4078239	CHR5:4078239	SSF x LoA	-10,181	-0,090	0,285
CHR5	4078259	CHR5:4078259	SSF x LoA	-5,952	-0,112	0,288
CHR5	4078828	CHR5:4078828	SSF x LoA	-9,526	-0,012	0,288
CHR5	4078834	CHR5:4078834	SSF x LoA	-6,443	-0,172	0,265
CHR5	4081671	CHR5:4081671	SSF x LoA	-11,519	-0,066	0,279
CHR5	4083002	CHR5:4083002	SSF x LoA	-5,716	0,052	0,295
CHR5	4083171	CHR5:4083171	SSF x LoA	-8,889	0,004	0,293
CHR5	4086318	CHR5:4086318	SSF x LoA	-8,715	0,042	0,289
CHR5	4103800	CHR5:4103800	SSF x LoA	-10,781	0,056	0,295
CHR5	4103826	CHR5:4103826	SSF x LoA	-9,345	-0,032	0,281
CHR5	4104139	CHR5:4104139	SSF x LoA	-9,491	-0,116	0,274
CHR5	4104141	CHR5:4104141	SSF x LoA	-5,400	-0,015	0,304
CHR5	4104240	CHR5:4104240	SSF x LoA	-9,038	-0,027	0,274
CHR5	4104271	CHR5:4104271	SSF x LoA	-10,900	-0,023	0,287
CHR5	4104274	CHR5:4104274	SSF x LoA	-11,177	0,009	0,290
CHR5	4115662	CHR5:4115662	SSF x LoA	-10,000	-0,001	0,299
CHR5	4115765	CHR5:4115765	SSF x LoA	-8,884	-0,059	0,287
CHR5	4115895	CHR5:4115895	SSF x LoA	-11,331	0,019	0,289
CHR5	4121766	CHR5:4121766	SSF x LoA	-9,884	-0,090	0,274
CHR5	4123499	CHR5:4123499	SSF x LoA	-7,353	-0,065	0,278
CHR5	4125386	CHR5:4125386	SSF x LoA	-8,032	-0,117	0,282
CHR5	4125421	CHR5:4125421	SSF x LoA	-7,929	-0,124	0,272
CHR5	4125458	CHR5:4125458	SSF x LoA	-6,884	-0,186	0,265

CHR5	4125662	CHR5:4125662	SSF x LoA	-11,027	0,023	0,283
CHR5	4125746	CHR5:4125746	SSF x LoA	-7,946	0,058	0,282
CHR5	4153575	CHR5:4153575	SSF x LoA	-0,687	-0,187	0,266
CHR5	4153611	CHR5:4153611	SSF x LoA	-2,208	0,174	0,269
CHR5	4153756	CHR5:4153756	SSF x LoA	-8,959	0,051	0,289
CHR5	4153763	CHR5:4153763	SSF x LoA	-10,605	0,051	0,284
CHR5	4153775	CHR5:4153775	SSF x LoA	-9,183	-0,129	0,288
CHR5	4153851	CHR5:4153851	SSF x LoA	-8,651	0,022	0,282
CHR5	4153892	CHR5:4153892	SSF x LoA	-9,371	0,114	0,294
CHR5	4208932	CHR5:4208932	SSF x LoA	-11,331	0,056	0,295
CHR5	4208936	CHR5:4208936	SSF x LoA	-8,130	-0,039	0,299
CHR5	4208963	CHR5:4208963	SSF x LoA	-9,841	-0,064	0,290
CHR5	4214698	CHR5:4214698	SSF x LoA	-7,823	-0,009	0,291
CHR5	4214788	CHR5:4214788	SSF x LoA	-8,006	-0,089	0,274
CHR5	4218150	CHR5:4218150	SSF x LoA	-8,556	-0,107	0,272
CHR5	4218375	CHR5:4218375	SSF x LoA	-9,707	0,075	0,265
CHR5	4223577	CHR5:4223577	SSF x LoA	-8,151	0,115	0,279
CHR5	4223590	CHR5:4223590	SSF x LoA	-9,071	0,117	0,291
CHR5	4223627	CHR5:4223627	SSF x LoA	-8,009	0,035	0,284
CHR5	4229106	CHR5:4229106	SSF x LoA	-9,474	0,004	0,289
CHR5	4229131	CHR5:4229131	SSF x LoA	-10,201	0,087	0,290
CHR5	4229197	CHR5:4229197	SSF x LoA	-7,657	0,071	0,298
CHR5	4235591	CHR5:4235591	SSF x LoA	-8,714	0,018	0,288
CHR5	4235767	CHR5:4235767	SSF x LoA	-7,443	0,116	0,289
CHR5	4235791	CHR5:4235791	SSF x LoA	-6,825	0,112	0,294
CHR5	4235846	CHR5:4235846	SSF x LoA	-7,794	-0,023	0,297
CHR5	4235850	CHR5:4235850	SSF x LoA	-5,418	-0,092	0,296
CHR5	4235855	CHR5:4235855	SSF x LoA	-9,656	0,117	0,292
CHR5	4235922	CHR5:4235922	SSF x LoA	-10,244	0,046	0,286
CHR5	4235941	CHR5:4235941	SSF x LoA	-10,502	-0,135	0,279
CHR5	4235969	CHR5:4235969	SSF x LoA	-10,689	-0,116	0,287
CHR5	4244640	CHR5:4244640	SSF x LoA	-7,963	0,090	0,295
CHR5	4244896	CHR5:4244896	SSF x LoA	-10,745	-0,053	0,293
CHR5	4255836	CHR5:4255836	SSF x LoA	-10,340	0,044	0,284
CHR5	4256067	CHR5:4256067	SSF x LoA	-7,612	0,008	0,306
CHR5	4256089	CHR5:4256089	SSF x LoA	-8,441	0,059	0,290
CHR5	4256122	CHR5:4256122	SSF x LoA	-8,889	-0,034	0,286
CHR5	4258224	CHR5:4258224	SSF x LoA	-4,205	-0,173	0,272
CHR5	4258354	CHR5:4258354	SSF x LoA	-9,613	-0,031	0,294
CHR5	4258390	CHR5:4258390	SSF x LoA	-8,380	-0,020	0,303
CHR5	4258515	CHR5:4258515	SSF x LoA	-6,940	-0,137	0,294
CHR5	4259506	CHR5:4259506	SSF x LoA	-9,693	-0,114	0,276
CHR5	4259524	CHR5:4259524	SSF x LoA	-10,417	0,121	0,286
CHR5	4259603	CHR5:4259603	SSF x LoA	-10,297	0,013	0,297
CHR5	4263890	CHR5:4263890	SSF x LoA	-9,836	-0,004	0,290
CHR5	4263920	CHR5:4263920	SSF x LoA	-8,256	0,012	0,289
CHR5	4263970	CHR5:4263970	SSF x LoA	-7,693	0,043	0,290
CHR5	4264000	CHR5:4264000	SSF x LoA	-6,726	0,048	0,298
CHR5	4264022	CHR5:4264022	SSF x LoA	-9,275	0,064	0,285
CHR5	4265419	CHR5:4265419	SSF x LoA	-8,744	0,130	0,292
CHR5	4265430	CHR5:4265430	SSF x LoA	-8,006	0,103	0,294
CHR5	4265463	CHR5:4265463	SSF x LoA	-7,908	0,030	0,280
CHR5	4299034	CHR5:4299034	SSF x LoA	-5,610	0,221	0,287

CHR5	4300841	CHR5:4300841	SSF x LoA	-11,502	0,088	0,282
CHR5	4301019	CHR5:4301019	SSF x LoA	-9,817	-0,020	0,294
CHR5	4301054	CHR5:4301054	SSF x LoA	-7,190	0,063	0,293
CHR5	4301066	CHR5:4301066	SSF x LoA	-3,999	0,049	0,294
CHR5	4302472	CHR5:4302472	SSF x LoA	-4,870	-0,213	0,293
CHR5	4302605	CHR5:4302605	SSF x LoA	-8,542	0,092	0,285
CHR5	4302702	CHR5:4302702	SSF x LoA	-7,019	0,114	0,290
CHR5	4302761	CHR5:4302761	SSF x LoA	-8,218	0,169	0,284
CHR5	4305458	CHR5:4305458	SSF x LoA	-5,989	0,139	0,281
CHR5	4310065	CHR5:4310065	SSF x LoA	-10,154	-0,003	0,285
CHR5	4310086	CHR5:4310086	SSF x LoA	-2,737	0,010	0,284
CHR5	4317659	CHR5:4317659	SSF x LoA	-11,249	-0,023	0,281
CHR5	4317739	CHR5:4317739	SSF x LoA	-8,398	-0,020	0,297
CHR5	4319168	CHR5:4319168	SSF x LoA	-7,661	0,031	0,287
CHR5	4328226	CHR5:4328226	SSF x LoA	-9,803	0,093	0,283
CHR5	4328253	CHR5:4328253	SSF x LoA	-6,017	0,007	0,277
CHR5	4328301	CHR5:4328301	SSF x LoA	-10,634	-0,070	0,280
CHR5	4329501	CHR5:4329501	SSF x LoA	-11,427	0,000	0,289
CHR5	4329502	CHR5:4329502	SSF x LoA	-10,615	0,069	0,285
CHR5	4329503	CHR5:4329503	SSF x LoA	-9,886	0,018	0,283
CHR5	4329565	CHR5:4329565	SSF x LoA	-10,625	0,083	0,292
CHR5	4329573	CHR5:4329573	SSF x LoA	-7,511	0,063	0,296
CHR5	4329753	CHR5:4329753	SSF x LoA	-8,476	0,126	0,264
CHR5	4338647	CHR5:4338647	SSF x LoA	-7,153	-0,186	0,285
CHR5	4338695	CHR5:4338695	SSF x LoA	-8,044	-0,123	0,301
CHR5	4340188	CHR5:4340188	SSF x LoA	-9,395	0,037	0,285
CHR5	4343813	CHR5:4343813	SSF x LoA	-8,759	0,032	0,290
CHR5	4343888	CHR5:4343888	SSF x LoA	-9,476	0,030	0,300
CHR5	4343953	CHR5:4343953	SSF x LoA	-8,518	0,045	0,282
CHR5	4343978	CHR5:4343978	SSF x LoA	-8,734	-0,002	0,291
CHR5	4360397	CHR5:4360397	SSF x LoA	-7,511	-0,118	0,287
CHR5	4360658	CHR5:4360658	SSF x LoA	-8,642	0,106	0,302
CHR5	4360683	CHR5:4360683	SSF x LoA	-8,947	0,043	0,295
CHR5	4360685	CHR5:4360685	SSF x LoA	-8,183	0,117	0,281
CHR5	4364449	CHR5:4364449	SSF x LoA	-9,712	-0,106	0,286
CHR5	4364465	CHR5:4364465	SSF x LoA	-6,379	0,012	0,291
CHR5	4364564	CHR5:4364564	SSF x LoA	-9,863	-0,013	0,302
CHR5	4364825	CHR5:4364825	SSF x LoA	-7,537	0,046	0,309
CHR5	4385030	CHR5:4385030	SSF x LoA	-7,602	0,142	0,298
CHR5	4386108	CHR5:4386108	SSF x LoA	-8,641	0,084	0,297
CHR5	4388430	CHR5:4388430	SSF x LoA	-8,891	0,123	0,294
CHR5	4401367	CHR5:4401367	SSF x LoA	-9,732	0,008	0,300
CHR5	4401389	CHR5:4401389	SSF x LoA	-11,017	0,076	0,284
CHR5	4401547	CHR5:4401547	SSF x LoA	-9,625	0,143	0,289
CHR5	4405487	CHR5:4405487	SSF x LoA	-11,303	0,095	0,294
CHR5	4405531	CHR5:4405531	SSF x LoA	-9,229	-0,055	0,270
CHR5	4419068	CHR5:4419068	SSF x LoA	-8,879	-0,013	0,298
CHR5	4419167	CHR5:4419167	SSF x LoA	-11,073	0,056	0,293
CHR5	4419186	CHR5:4419186	SSF x LoA	-9,795	0,001	0,296
CHR5	4419201	CHR5:4419201	SSF x LoA	-9,363	-0,118	0,280
CHR5	4419211	CHR5:4419211	SSF x LoA	-10,811	-0,016	0,282
CHR5	4419258	CHR5:4419258	SSF x LoA	-5,153	-0,103	0,304
CHR5	4419311	CHR5:4419311	SSF x LoA	-8,584	0,113	0,297

CHR5	4419322	CHR5:4419322	SSF x LoA	-8,232	-0,049	0,301
CHR5	4420953	CHR5:4420953	SSF x LoA	-4,733	0,037	0,295
CHR5	4423101	CHR5:4423101	SSF x LoA	-8,478	-0,115	0,286
CHR5	4423131	CHR5:4423131	SSF x LoA	-7,927	-0,093	0,293
CHR5	4423132	CHR5:4423132	SSF x LoA	-8,636	0,011	0,302
CHR5	4423396	CHR5:4423396	SSF x LoA	2,871	-0,003	0,293
CHR5	4426197	CHR5:4426197	SSF x LoA	-9,527	0,021	0,297
CHR5	4426310	CHR5:4426310	SSF x LoA	-6,652	-0,094	0,298
CHR5	4426335	CHR5:4426335	SSF x LoA	-8,249	-0,030	0,294
CHR5	4426406	CHR5:4426406	SSF x LoA	-11,091	0,026	0,287
CHR5	4426409	CHR5:4426409	SSF x LoA	-9,876	0,010	0,292
CHR5	4426517	CHR5:4426517	SSF x LoA	-6,256	-0,007	0,307
CHR5	4462312	CHR5:4462312	SSF x LoA	-9,597	-0,084	0,293
CHR5	4462317	CHR5:4462317	SSF x LoA	-7,417	-0,067	0,292
CHR5	4462454	CHR5:4462454	SSF x LoA	-7,114	0,057	0,291
CHR5	4465319	CHR5:4465319	SSF x LoA	-10,995	0,011	0,284
CHR5	4468216	CHR5:4468216	SSF x LoA	-7,860	-0,111	0,287
CHR5	4468255	CHR5:4468255	SSF x LoA	-10,335	0,024	0,297
CHR5	4468270	CHR5:4468270	SSF x LoA	-9,119	0,045	0,295
CHR5	4468516	CHR5:4468516	SSF x LoA	-6,226	-0,169	0,294
CHR5	4486799	CHR5:4486799	SSF x LoA	-6,343	0,091	0,286
CHR5	4486946	CHR5:4486946	SSF x LoA	-8,239	-0,067	0,295
CHR5	4486980	CHR5:4486980	SSF x LoA	-7,739	-0,097	0,287
CHR5	4487190	CHR5:4487190	SSF x LoA	-8,828	0,038	0,290
CHR5	4487217	CHR5:4487217	SSF x LoA	-10,967	-0,113	0,283
CHR5	4491361	CHR5:4491361	SSF x LoA	-7,197	0,153	0,276
CHR5	4518043	CHR5:4518043	SSF x LoA	-8,677	0,019	0,300
CHR5	4518092	CHR5:4518092	SSF x LoA	-8,947	-0,097	0,284
CHR5	4518131	CHR5:4518131	SSF x LoA	-10,204	-0,075	0,285
CHR5	4525856	CHR5:4525856	SSF x LoA	-6,173	-0,150	0,298
CHR5	4537842	CHR5:4537842	SSF x LoA	-9,017	0,022	0,293
CHR5	4537989	CHR5:4537989	SSF x LoA	-10,836	0,033	0,305
CHR5	4538116	CHR5:4538116	SSF x LoA	-9,489	0,044	0,292
CHR5	4538195	CHR5:4538195	SSF x LoA	-10,905	0,035	0,292
CHR5	4549217	CHR5:4549217	SSF x LoA	-10,571	0,028	0,291
CHR5	4549298	CHR5:4549298	SSF x LoA	-10,225	-0,046	0,281
CHR5	4558974	CHR5:4558974	SSF x LoA	-11,286	-0,028	0,285
CHR5	4558977	CHR5:4558977	SSF x LoA	-8,999	-0,028	0,299
CHR5	4558983	CHR5:4558983	SSF x LoA	-9,641	-0,070	0,295
CHR5	4558986	CHR5:4558986	SSF x LoA	-9,569	0,032	0,297
CHR5	4559012	CHR5:4559012	SSF x LoA	-10,566	-0,113	0,284
CHR5	4559036	CHR5:4559036	SSF x LoA	-7,981	-0,056	0,286
CHR5	4559068	CHR5:4559068	SSF x LoA	-8,424	-0,012	0,303
CHR5	4559108	CHR5:4559108	SSF x LoA	-8,757	-0,078	0,282
CHR5	4559111	CHR5:4559111	SSF x LoA	-10,420	-0,049	0,282
CHR5	4559118	CHR5:4559118	SSF x LoA	2,203	0,052	0,294
CHR5	4559148	CHR5:4559148	SSF x LoA	-8,721	-0,018	0,292
CHR5	4559239	CHR5:4559239	SSF x LoA	-6,668	0,051	0,285
CHR5	4559285	CHR5:4559285	SSF x LoA	-9,757	0,102	0,282
CHR5	4559340	CHR5:4559340	SSF x LoA	-9,096	-0,057	0,289
CHR5	4566110	CHR5:4566110	SSF x LoA	-6,657	-0,145	0,287
CHR5	4566145	CHR5:4566145	SSF x LoA	-5,754	-0,097	0,300
CHR5	4566464	CHR5:4566464	SSF x LoA	-10,431	0,011	0,289

CHR5	4567583	CHR5:4567583	SSF x LoA	-9,138	0,033	0,291
CHR5	4568245	CHR5:4568245	SSF x LoA	-11,299	-0,045	0,284
CHR5	4569774	CHR5:4569774	SSF x LoA	-9,843	0,043	0,285
CHR5	4569811	CHR5:4569811	SSF x LoA	-8,807	0,000	0,289
CHR5	4569813	CHR5:4569813	SSF x LoA	-8,982	-0,028	0,288
CHR5	4569815	CHR5:4569815	SSF x LoA	-8,540	-0,020	0,288
CHR5	4569856	CHR5:4569856	SSF x LoA	-9,688	-0,060	0,287
CHR5	4569916	CHR5:4569916	SSF x LoA	-8,905	-0,010	0,268
CHR5	4569974	CHR5:4569974	SSF x LoA	-7,689	-0,147	0,280
CHR5	4569999	CHR5:4569999	SSF x LoA	-10,415	-0,008	0,289
CHR5	4576305	CHR5:4576305	SSF x LoA	-8,500	-0,099	0,302
CHR5	4576332	CHR5:4576332	SSF x LoA	-9,039	0,027	0,294
CHR5	4582051	CHR5:4582051	SSF x LoA	-8,751	0,073	0,288
CHR5	4582785	CHR5:4582785	SSF x LoA	-8,890	0,142	0,288
CHR5	4586999	CHR5:4586999	SSF x LoA	-5,555	0,110	0,294
CHR5	4587015	CHR5:4587015	SSF x LoA	-10,297	0,001	0,287
CHR5	4587058	CHR5:4587058	SSF x LoA	-8,952	-0,023	0,300
CHR5	4587067	CHR5:4587067	SSF x LoA	-10,581	-0,047	0,280
CHR5	4601774	CHR5:4601774	SSF x LoA	-5,604	0,124	0,284
CHR5	4612814	CHR5:4612814	SSF x LoA	-8,370	0,074	0,291
CHR5	4627038	CHR5:4627038	SSF x LoA	-8,810	0,072	0,295
CHR5	4628910	CHR5:4628910	SSF x LoA	-7,399	-0,035	0,298
CHR5	4667280	CHR5:4667280	SSF x LoA	-7,902	-0,118	0,283
CHR5	4667494	CHR5:4667494	SSF x LoA	-7,973	-0,010	0,296
CHR5	4669798	CHR5:4669798	SSF x LoA	-9,260	-0,074	0,293
CHR5	4680103	CHR5:4680103	SSF x LoA	-6,111	0,130	0,287
CHR5	4690090	CHR5:4690090	SSF x LoA	-3,675	-0,144	0,293
CHR5	4695809	CHR5:4695809	SSF x LoA	-2,216	-0,254	0,260
CHR5	4695965	CHR5:4695965	SSF x LoA	-5,810	-0,200	0,270
CHR5	4696048	CHR5:4696048	SSF x LoA	-3,081	-0,214	0,267
CHR5	4770235	CHR5:4770235	SSF x LoA	-7,732	-0,078	0,296
CHR5	4781432	CHR5:4781432	SSF x LoA	-8,518	-0,120	0,276
CHR5	4781517	CHR5:4781517	SSF x LoA	-9,525	0,096	0,288
CHR5	4781550	CHR5:4781550	SSF x LoA	-8,472	0,057	0,287
CHR5	4781757	CHR5:4781757	SSF x LoA	-11,060	-0,073	0,288
CHR5	4784784	CHR5:4784784	SSF x LoA	-9,149	-0,093	0,296
CHR5	4784827	CHR5:4784827	SSF x LoA	-9,776	0,125	0,287
CHR5	4789924	CHR5:4789924	SSF x LoA	-2,745	0,016	0,275
CHR5	4789974	CHR5:4789974	SSF x LoA	-10,393	0,070	0,284
CHR5	4789978	CHR5:4789978	SSF x LoA	-8,454	-0,021	0,296
CHR5	4792639	CHR5:4792639	SSF x LoA	-7,906	-0,164	0,272
CHR5	4816742	CHR5:4816742	SSF x LoA	-8,420	0,063	0,295
CHR5	4816793	CHR5:4816793	SSF x LoA	-7,513	-0,023	0,286
CHR5	4825121	CHR5:4825121	SSF x LoA	-8,282	0,005	0,292
CHR5	4840916	CHR5:4840916	SSF x LoA	-8,701	-0,070	0,284
CHR5	4840994	CHR5:4840994	SSF x LoA	-2,778	0,246	0,270
CHR5	4841106	CHR5:4841106	SSF x LoA	-10,361	-0,007	0,297
CHR5	4841250	CHR5:4841250	SSF x LoA	-11,027	-0,003	0,287
CHR5	4841289	CHR5:4841289	SSF x LoA	-7,787	-0,087	0,288
CHR5	4845298	CHR5:4845298	SSF x LoA	-7,370	-0,087	0,283
CHR5	4851310	CHR5:4851310	SSF x LoA	-7,622	0,085	0,295
CHR5	4861285	CHR5:4861285	SSF x LoA	-7,002	-0,016	0,297
CHR5	4864527	CHR5:4864527	SSF x LoA	-7,906	0,009	0,299

CHR5	4866749	CHR5:4866749	SSF x LoA	-8,899	0,000	0,305
CHR5	4866830	CHR5:4866830	SSF x LoA	-7,406	0,122	0,278
CHR5	4867614	CHR5:4867614	SSF x LoA	-7,478	0,072	0,296
CHR5	4867677	CHR5:4867677	SSF x LoA	-6,630	-0,114	0,278
CHR5	4890093	CHR5:4890093	SSF x LoA	-7,286	-0,008	0,300
CHR5	4890140	CHR5:4890140	SSF x LoA	-9,237	-0,098	0,303
CHR5	4890169	CHR5:4890169	SSF x LoA	-11,211	-0,056	0,290
CHR5	4890297	CHR5:4890297	SSF x LoA	-9,905	-0,021	0,261
CHR5	4890304	CHR5:4890304	SSF x LoA	-9,949	0,041	0,298
CHR5	4898323	CHR5:4898323	SSF x LoA	-4,149	0,112	0,296
CHR5	4900303	CHR5:4900303	SSF x LoA	-9,057	-0,063	0,290
CHR5	4901271	CHR5:4901271	SSF x LoA	-8,796	-0,012	0,289
CHR5	4901348	CHR5:4901348	SSF x LoA	-10,696	0,094	0,291
CHR5	4901356	CHR5:4901356	SSF x LoA	-4,664	-0,170	0,280
CHR5	4915973	CHR5:4915973	SSF x LoA	-7,860	0,008	0,284
CHR5	4916384	CHR5:4916384	SSF x LoA	-10,188	0,020	0,300
CHR5	4933029	CHR5:4933029	SSF x LoA	-9,613	0,075	0,283
CHR5	4943708	CHR5:4943708	SSF x LoA	-11,102	-0,020	0,290
CHR5	4944580	CHR5:4944580	SSF x LoA	-8,318	0,041	0,297
CHR5	4944636	CHR5:4944636	SSF x LoA	-8,896	-0,062	0,293
CHR5	4944647	CHR5:4944647	SSF x LoA	-8,799	-0,081	0,304
CHR5	4959557	CHR5:4959557	SSF x LoA	-5,849	0,123	0,296
CHR5	4959562	CHR5:4959562	SSF x LoA	-8,573	-0,063	0,290
CHR5	4969173	CHR5:4969173	SSF x LoA	-9,077	-0,016	0,293
CHR5	4969290	CHR5:4969290	SSF x LoA	-9,246	-0,082	0,284
CHR5	4969386	CHR5:4969386	SSF x LoA	-8,726	0,155	0,284
CHR5	4970421	CHR5:4970421	SSF x LoA	-8,536	-0,043	0,280
CHR5	4970500	CHR5:4970500	SSF x LoA	-10,515	-0,055	0,285
CHR5	4970635	CHR5:4970635	SSF x LoA	-10,008	-0,082	0,292
CHR5	4970698	CHR5:4970698	SSF x LoA	-10,069	-0,059	0,280
CHR5	4976570	CHR5:4976570	SSF x LoA	-10,392	-0,092	0,288
CHR5	4976650	CHR5:4976650	SSF x LoA	-6,060	-0,026	0,292
CHR5	4989359	CHR5:4989359	SSF x LoA	-10,650	-0,024	0,292
CHR5	4989563	CHR5:4989563	SSF x LoA	-8,523	-0,057	0,281
CHR5	4999063	CHR5:4999063	SSF x LoA	-10,392	0,010	0,294
CHR5	4999099	CHR5:4999099	SSF x LoA	-9,589	0,055	0,292
CHR5	4999169	CHR5:4999169	SSF x LoA	1,941	-0,198	0,271
CHR5	4999422	CHR5:4999422	SSF x LoA	1,397	0,042	0,292
CHR5	5004138	CHR5:5004138	SSF x LoA	-8,879	0,010	0,279
CHR5	5004283	CHR5:5004283	SSF x LoA	-5,126	-0,116	0,278
CHR5	5006729	CHR5:5006729	SSF x LoA	-6,548	-0,194	0,277
CHR5	5006733	CHR5:5006733	SSF x LoA	-5,129	0,199	0,287
CHR5	5007047	CHR5:5007047	SSF x LoA	-7,925	0,095	0,301
CHR5	5007073	CHR5:5007073	SSF x LoA	-10,676	-0,105	0,286
CHR5	5008839	CHR5:5008839	SSF x LoA	-5,323	-0,204	0,269
CHR5	5009094	CHR5:5009094	SSF x LoA	-9,423	0,006	0,296
CHR5	5020159	CHR5:5020159	SSF x LoA	-8,389	-0,061	0,288
CHR5	5020333	CHR5:5020333	SSF x LoA	-6,589	0,127	0,278
CHR5	5048579	CHR5:5048579	SSF x LoA	-9,053	-0,051	0,288
CHR5	5048758	CHR5:5048758	SSF x LoA	-8,521	0,015	0,301
CHR5	5048783	CHR5:5048783	SSF x LoA	-8,001	-0,090	0,286
CHR5	5048828	CHR5:5048828	SSF x LoA	-5,821	-0,017	0,297
CHR5	5048903	CHR5:5048903	SSF x LoA	-7,669	0,139	0,284

CHR5	5048994	CHR5:5048994	SSF x LoA	-10,185	0,003	0,281
CHR5	5049010	CHR5:5049010	SSF x LoA	-7,991	0,063	0,291
CHR5	5061197	CHR5:5061197	SSF x LoA	-5,969	-0,164	0,284
CHR5	5061281	CHR5:5061281	SSF x LoA	-10,073	-0,062	0,278
CHR5	5061302	CHR5:5061302	SSF x LoA	-9,012	-0,041	0,270
CHR5	5061353	CHR5:5061353	SSF x LoA	-9,160	-0,036	0,291
CHR5	5069765	CHR5:5069765	SSF x LoA	-9,091	0,012	0,278
CHR5	5069812	CHR5:5069812	SSF x LoA	-10,451	-0,021	0,285
CHR5	5070837	CHR5:5070837	SSF x LoA	-7,481	-0,106	0,280
CHR5	5070877	CHR5:5070877	SSF x LoA	-9,933	0,054	0,292
CHR5	5079920	CHR5:5079920	SSF x LoA	-10,232	-0,065	0,286
CHR5	5079967	CHR5:5079967	SSF x LoA	-10,306	-0,016	0,287
CHR5	5080087	CHR5:5080087	SSF x LoA	-6,867	0,045	0,285
CHR5	5081875	CHR5:5081875	SSF x LoA	-9,488	0,040	0,283
CHR5	5081937	CHR5:5081937	SSF x LoA	-2,451	-0,183	0,275
CHR5	5134857	CHR5:5134857	SSF x LoA	-7,620	-0,039	0,290
CHR5	5139860	CHR5:5139860	SSF x LoA	-4,765	-0,095	0,311
CHR5	5139865	CHR5:5139865	SSF x LoA	-4,371	0,183	0,283
CHR5	5148005	CHR5:5148005	SSF x LoA	-3,267	0,009	0,319
CHR5	5167604	CHR5:5167604	SSF x LoA	-9,640	-0,045	0,260
CHR5	5167647	CHR5:5167647	SSF x LoA	-7,574	0,026	0,301
CHR5	5208037	CHR5:5208037	SSF x LoA	0,237	-0,184	0,283
CHR5	5208192	CHR5:5208192	SSF x LoA	-8,292	0,059	0,279
CHR5	5208206	CHR5:5208206	SSF x LoA	-8,477	-0,001	0,275
CHR5	5236892	CHR5:5236892	SSF x LoA	-8,588	-0,119	0,287
CHR5	5283180	CHR5:5283180	SSF x LoA	-6,955	0,150	0,284
CHR5	5283201	CHR5:5283201	SSF x LoA	-9,749	0,199	0,273
CHR5	5283384	CHR5:5283384	SSF x LoA	-8,365	-0,068	0,294
CHR5	5291070	CHR5:5291070	SSF x LoA	-7,736	0,094	0,288
CHR5	5328017	CHR5:5328017	SSF x LoA	-6,706	-0,098	0,305
CHR5	5344485	CHR5:5344485	SSF x LoA	-5,443	-0,004	0,284
CHR5	5346539	CHR5:5346539	SSF x LoA	-9,537	0,006	0,290
CHR5	5346602	CHR5:5346602	SSF x LoA	-7,115	-0,044	0,281
CHR5	5372222	CHR5:5372222	SSF x LoA	-6,623	0,006	0,308
CHR5	5372225	CHR5:5372225	SSF x LoA	-7,548	-0,064	0,296
CHR5	5372353	CHR5:5372353	SSF x LoA	-10,214	-0,092	0,284
CHR5	5403210	CHR5:5403210	SSF x LoA	-5,286	-0,077	0,290
CHR5	5403224	CHR5:5403224	SSF x LoA	-6,924	-0,097	0,295
CHR5	5403284	CHR5:5403284	SSF x LoA	-7,732	-0,143	0,285
CHR5	5445490	CHR5:5445490	SSF x LoA	-9,388	0,050	0,297
CHR5	5445542	CHR5:5445542	SSF x LoA	-7,656	0,058	0,297
CHR5	5445549	CHR5:5445549	SSF x LoA	-8,517	0,058	0,274
CHR5	5445605	CHR5:5445605	SSF x LoA	-6,086	-0,120	0,275
CHR5	5445777	CHR5:5445777	SSF x LoA	2,351	0,173	0,260
CHR5	5445778	CHR5:5445778	SSF x LoA	9,286	0,206	0,282
CHR5	5445819	CHR5:5445819	SSF x LoA	-11,063	-0,032	0,294
CHR5	5445875	CHR5:5445875	SSF x LoA	-8,687	0,027	0,286
CHR5	5445906	CHR5:5445906	SSF x LoA	-11,276	0,043	0,285
CHR5	5456700	CHR5:5456700	SSF x LoA	-6,059	-0,158	0,290
CHR5	5457792	CHR5:5457792	SSF x LoA	-7,053	0,071	0,304
CHR5	5463883	CHR5:5463883	SSF x LoA	-9,592	0,067	0,294
CHR5	5463948	CHR5:5463948	SSF x LoA	-7,558	-0,068	0,290
CHR5	5466332	CHR5:5466332	SSF x LoA	-7,214	-0,074	0,289

CHR5	5466450	CHR5:5466450	SSF x LoA	-8,511	-0,016	0,286
CHR5	5466476	CHR5:5466476	SSF x LoA	-9,713	-0,036	0,282
CHR5	5466491	CHR5:5466491	SSF x LoA	-8,857	-0,078	0,283
CHR5	5466596	CHR5:5466596	SSF x LoA	-9,233	0,011	0,288
CHR5	546949	CHR5:546949	SSF x LoA	-6,540	0,016	0,287
CHR5	5490395	CHR5:5490395	SSF x LoA	-8,049	0,089	0,283
CHR5	5490711	CHR5:5490711	SSF x LoA	-10,333	-0,054	0,294
CHR5	5492970	CHR5:5492970	SSF x LoA	-3,665	0,229	0,278
CHR5	5497475	CHR5:5497475	SSF x LoA	-10,251	-0,059	0,294
CHR5	5506465	CHR5:5506465	SSF x LoA	-9,658	-0,019	0,285
CHR5	5511772	CHR5:5511772	SSF x LoA	-9,811	-0,101	0,273
CHR5	5511984	CHR5:5511984	SSF x LoA	-9,564	-0,049	0,287
CHR5	5521288	CHR5:5521288	SSF x LoA	-10,333	0,038	0,283
CHR5	5535379	CHR5:5535379	SSF x LoA	-9,082	-0,062	0,289
CHR5	5535405	CHR5:5535405	SSF x LoA	-8,329	-0,019	0,304
CHR5	5549550	CHR5:5549550	SSF x LoA	-10,120	-0,035	0,282
CHR5	5549569	CHR5:5549569	SSF x LoA	-7,443	-0,035	0,306
CHR5	5549591	CHR5:5549591	SSF x LoA	-6,875	-0,036	0,302
CHR5	5557470	CHR5:5557470	SSF x LoA	-6,995	-0,099	0,310
CHR5	5557479	CHR5:5557479	SSF x LoA	-6,936	-0,136	0,291
CHR5	5557533	CHR5:5557533	SSF x LoA	-9,914	0,079	0,290
CHR5	5557556	CHR5:5557556	SSF x LoA	-0,895	-0,082	0,273
CHR5	5557559	CHR5:5557559	SSF x LoA	-7,858	-0,026	0,285
CHR5	5557578	CHR5:5557578	SSF x LoA	-7,097	-0,046	0,278
CHR5	5557638	CHR5:5557638	SSF x LoA	-6,139	0,152	0,284
CHR5	5557711	CHR5:5557711	SSF x LoA	-7,531	0,022	0,285
CHR5	5557854	CHR5:5557854	SSF x LoA	-8,542	0,110	0,284
CHR5	5595145	CHR5:5595145	SSF x LoA	-10,392	-0,066	0,285
CHR5	5595426	CHR5:5595426	SSF x LoA	-6,825	0,006	0,281
CHR5	5608461	CHR5:5608461	SSF x LoA	-8,765	-0,113	0,282
CHR5	5608509	CHR5:5608509	SSF x LoA	-8,547	0,117	0,277
CHR5	5608515	CHR5:5608515	SSF x LoA	-6,286	-0,100	0,289
CHR5	5614654	CHR5:5614654	SSF x LoA	-7,242	0,061	0,272
CHR5	5614672	CHR5:5614672	SSF x LoA	-7,103	0,217	0,273
CHR5	5614677	CHR5:5614677	SSF x LoA	-7,391	0,002	0,300
CHR5	5614808	CHR5:5614808	SSF x LoA	-8,331	-0,041	0,298
CHR5	5614831	CHR5:5614831	SSF x LoA	-8,792	-0,061	0,294
CHR5	5618518	CHR5:5618518	SSF x LoA	-7,379	0,005	0,268
CHR5	5629337	CHR5:5629337	SSF x LoA	-8,650	-0,016	0,285
CHR5	5631259	CHR5:5631259	SSF x LoA	-7,420	0,122	0,302
CHR5	5631303	CHR5:5631303	SSF x LoA	-5,874	0,216	0,286
CHR5	5631344	CHR5:5631344	SSF x LoA	-9,349	0,118	0,302
CHR5	5642451	CHR5:5642451	SSF x LoA	-9,354	-0,041	0,290
CHR5	5642568	CHR5:5642568	SSF x LoA	-7,944	-0,051	0,293
CHR5	5642719	CHR5:5642719	SSF x LoA	-8,074	0,086	0,281
CHR5	5666282	CHR5:5666282	SSF x LoA	-10,982	0,003	0,291
CHR5	5674310	CHR5:5674310	SSF x LoA	-2,379	-0,213	0,278
CHR5	5674441	CHR5:5674441	SSF x LoA	-9,284	0,096	0,287
CHR5	5674448	CHR5:5674448	SSF x LoA	-10,051	-0,087	0,286
CHR5	5674589	CHR5:5674589	SSF x LoA	-7,410	0,069	0,294
CHR5	5693808	CHR5:5693808	SSF x LoA	-10,614	-0,060	0,288
CHR5	5693834	CHR5:5693834	SSF x LoA	-9,738	-0,047	0,286
CHR5	5693965	CHR5:5693965	SSF x LoA	-7,825	0,067	0,289

CHR5	5694226	CHR5:5694226	SSF x LoA	-6,460	-0,168	0,284
CHR5	5694227	CHR5:5694227	SSF x LoA	-6,038	-0,174	0,288
CHR5	5694253	CHR5:5694253	SSF x LoA	-5,258	-0,038	0,285
CHR5	5702862	CHR5:5702862	SSF x LoA	-6,958	-0,113	0,281
CHR5	5769300	CHR5:5769300	SSF x LoA	-5,933	0,165	0,285
CHR5	5806930	CHR5:5806930	SSF x LoA	-8,614	-0,069	0,301
CHR5	5807161	CHR5:5807161	SSF x LoA	-9,506	0,000	0,295
CHR5	5807195	CHR5:5807195	SSF x LoA	-8,889	0,002	0,282
CHR5	5818363	CHR5:5818363	SSF x LoA	-9,790	-0,027	0,297
CHR5	5818386	CHR5:5818386	SSF x LoA	-10,960	0,015	0,296
CHR5	5818506	CHR5:5818506	SSF x LoA	-8,068	0,112	0,284
CHR5	5818608	CHR5:5818608	SSF x LoA	-5,061	-0,161	0,293
CHR5	5820816	CHR5:5820816	SSF x LoA	-10,221	-0,099	0,291
CHR5	5820889	CHR5:5820889	SSF x LoA	-10,370	-0,126	0,287
CHR5	5820898	CHR5:5820898	SSF x LoA	-9,585	-0,097	0,276
CHR5	5821813	CHR5:5821813	SSF x LoA	-7,142	-0,117	0,287
CHR5	5821939	CHR5:5821939	SSF x LoA	-8,400	-0,089	0,282
CHR5	5856302	CHR5:5856302	SSF x LoA	-9,754	0,027	0,277
CHR5	5856352	CHR5:5856352	SSF x LoA	-4,163	0,226	0,278
CHR5	5856400	CHR5:5856400	SSF x LoA	-7,540	-0,115	0,297
CHR5	5856537	CHR5:5856537	SSF x LoA	-8,633	0,007	0,278
CHR5	5860077	CHR5:5860077	SSF x LoA	-9,537	0,006	0,292
CHR5	5860094	CHR5:5860094	SSF x LoA	-8,975	-0,012	0,286
CHR5	5860131	CHR5:5860131	SSF x LoA	-7,467	-0,177	0,274
CHR5	5860226	CHR5:5860226	SSF x LoA	-8,797	0,159	0,278
CHR5	5860259	CHR5:5860259	SSF x LoA	-6,793	-0,137	0,289
CHR5	5862630	CHR5:5862630	SSF x LoA	-9,657	-0,056	0,287
CHR5	5862687	CHR5:5862687	SSF x LoA	-6,931	-0,128	0,287
CHR5	5862744	CHR5:5862744	SSF x LoA	-9,636	0,056	0,289
CHR5	5867175	CHR5:5867175	SSF x LoA	-6,861	-0,067	0,282
CHR5	5867202	CHR5:5867202	SSF x LoA	-6,825	-0,031	0,299
CHR5	5867299	CHR5:5867299	SSF x LoA	-8,494	-0,037	0,285
CHR5	5867328	CHR5:5867328	SSF x LoA	-7,433	0,030	0,289
CHR5	5875091	CHR5:5875091	SSF x LoA	-7,869	-0,027	0,303
CHR5	5875202	CHR5:5875202	SSF x LoA	-6,958	0,094	0,279
CHR5	5875462	CHR5:5875462	SSF x LoA	0,066	0,167	0,284
CHR5	5884965	CHR5:5884965	SSF x LoA	-9,677	-0,005	0,291
CHR5	5885223	CHR5:5885223	SSF x LoA	-9,285	0,092	0,296
CHR5	5893493	CHR5:5893493	SSF x LoA	-7,045	-0,045	0,282
CHR5	5893538	CHR5:5893538	SSF x LoA	-2,435	-0,092	0,302
CHR5	5893690	CHR5:5893690	SSF x LoA	-6,003	-0,175	0,282
CHR5	5893696	CHR5:5893696	SSF x LoA	-7,227	-0,160	0,276
CHR5	5901022	CHR5:5901022	SSF x LoA	-7,346	0,057	0,285
CHR5	5901125	CHR5:5901125	SSF x LoA	-9,501	0,110	0,294
CHR5	5901250	CHR5:5901250	SSF x LoA	-7,712	-0,080	0,289
CHR5	5901290	CHR5:5901290	SSF x LoA	-8,231	-0,052	0,294
CHR5	5903045	CHR5:5903045	SSF x LoA	-7,566	-0,026	0,301
CHR5	5903093	CHR5:5903093	SSF x LoA	-8,482	0,015	0,284
CHR5	5903397	CHR5:5903397	SSF x LoA	-9,850	-0,068	0,291
CHR5	5924958	CHR5:5924958	SSF x LoA	-1,082	0,085	0,289
CHR5	5924986	CHR5:5924986	SSF x LoA	-9,812	0,052	0,301
CHR5	5925021	CHR5:5925021	SSF x LoA	-10,650	-0,012	0,284
CHR5	5925107	CHR5:5925107	SSF x LoA	-6,856	0,075	0,296

CHR5	5925173	CHR5:5925173	SSF x LoA	-9,241	-0,020	0,302
CHR5	5926512	CHR5:5926512	SSF x LoA	-8,233	0,090	0,288
CHR5	5929987	CHR5:5929987	SSF x LoA	-9,192	-0,067	0,299
CHR5	5939265	CHR5:5939265	SSF x LoA	-8,942	-0,015	0,302
CHR5	5939631	CHR5:5939631	SSF x LoA	-8,713	0,116	0,300
CHR5	5947983	CHR5:5947983	SSF x LoA	-8,326	-0,045	0,276
CHR5	5950890	CHR5:5950890	SSF x LoA	-9,682	0,047	0,298
CHR5	5951004	CHR5:5951004	SSF x LoA	-9,293	0,012	0,306
CHR5	5951076	CHR5:5951076	SSF x LoA	-7,729	-0,118	0,290
CHR5	5951093	CHR5:5951093	SSF x LoA	-10,306	0,044	0,288
CHR5	5951122	CHR5:5951122	SSF x LoA	-8,501	0,143	0,293
CHR5	5951205	CHR5:5951205	SSF x LoA	-9,561	-0,041	0,292
CHR5	5958582	CHR5:5958582	SSF x LoA	-6,431	-0,121	0,281
CHR5	5958892	CHR5:5958892	SSF x LoA	-10,015	0,103	0,286
CHR5	5958933	CHR5:5958933	SSF x LoA	-8,911	0,020	0,306
CHR5	5958955	CHR5:5958955	SSF x LoA	-8,389	0,048	0,296
CHR5	5961487	CHR5:5961487	SSF x LoA	-10,452	0,038	0,285
CHR5	5961503	CHR5:5961503	SSF x LoA	-10,872	0,056	0,285
CHR5	5961586	CHR5:5961586	SSF x LoA	-9,608	-0,059	0,278
CHR5	5961635	CHR5:5961635	SSF x LoA	-8,069	-0,053	0,286
CHR5	5961654	CHR5:5961654	SSF x LoA	-9,583	0,008	0,285
CHR5	5962502	CHR5:5962502	SSF x LoA	-9,796	0,072	0,297
CHR5	5966720	CHR5:5966720	SSF x LoA	-10,356	0,125	0,279
CHR5	5967136	CHR5:5967136	SSF x LoA	-9,464	0,107	0,291
CHR5	5987496	CHR5:5987496	SSF x LoA	-7,282	0,021	0,295
CHR5	5987540	CHR5:5987540	SSF x LoA	-9,026	-0,067	0,270
CHR5	5987574	CHR5:5987574	SSF x LoA	-7,588	-0,053	0,299
CHR5	6011547	CHR5:6011547	SSF x LoA	-6,608	0,086	0,287
CHR5	6013934	CHR5:6013934	SSF x LoA	-8,077	0,033	0,288
CHR5	6014077	CHR5:6014077	SSF x LoA	-8,162	-0,119	0,301
CHR5	6014144	CHR5:6014144	SSF x LoA	-7,763	0,075	0,304
CHR5	6014173	CHR5:6014173	SSF x LoA	-9,419	0,067	0,295
CHR5	6018740	CHR5:6018740	SSF x LoA	-8,458	0,042	0,299
CHR5	6018951	CHR5:6018951	SSF x LoA	-10,702	0,047	0,297
CHR5	6018952	CHR5:6018952	SSF x LoA	-10,771	-0,027	0,294
CHR5	6018979	CHR5:6018979	SSF x LoA	-6,308	0,159	0,279
CHR5	6019036	CHR5:6019036	SSF x LoA	-7,312	0,131	0,282
CHR5	6019114	CHR5:6019114	SSF x LoA	-2,863	0,044	0,279
CHR5	6026568	CHR5:6026568	SSF x LoA	-7,329	-0,053	0,288
CHR5	6028912	CHR5:6028912	SSF x LoA	-11,050	-0,029	0,299
CHR5	6035936	CHR5:6035936	SSF x LoA	-9,189	-0,012	0,282
CHR5	6038964	CHR5:6038964	SSF x LoA	-8,173	0,032	0,297
CHR5	6039072	CHR5:6039072	SSF x LoA	-9,823	0,035	0,293
CHR5	6039189	CHR5:6039189	SSF x LoA	-5,521	-0,128	0,283
CHR5	6039243	CHR5:6039243	SSF x LoA	-6,494	-0,207	0,256
CHR5	6064602	CHR5:6064602	SSF x LoA	-9,443	-0,023	0,289
CHR5	6064791	CHR5:6064791	SSF x LoA	-9,948	-0,003	0,281
CHR5	6071204	CHR5:6071204	SSF x LoA	-5,774	0,127	0,295
CHR5	6071341	CHR5:6071341	SSF x LoA	-9,746	0,037	0,298
CHR5	6071402	CHR5:6071402	SSF x LoA	-11,315	0,045	0,292
CHR5	6071526	CHR5:6071526	SSF x LoA	-6,461	-0,101	0,290
CHR5	6077014	CHR5:6077014	SSF x LoA	-9,750	-0,064	0,289
CHR5	6077205	CHR5:6077205	SSF x LoA	-8,245	0,012	0,299

CHR5	6077257	CHR5:6077257	SSF x LoA	-7,121	0,063	0,310
CHR5	6077265	CHR5:6077265	SSF x LoA	-9,261	-0,034	0,280
CHR5	6080499	CHR5:6080499	SSF x LoA	-4,894	0,094	0,291
CHR5	6080569	CHR5:6080569	SSF x LoA	-7,445	0,057	0,284
CHR5	6098946	CHR5:6098946	SSF x LoA	-7,602	0,006	0,296
CHR5	6099050	CHR5:6099050	SSF x LoA	-8,977	-0,065	0,271
CHR5	6099112	CHR5:6099112	SSF x LoA	-3,984	0,037	0,276
CHR5	6101779	CHR5:6101779	SSF x LoA	-9,127	0,018	0,292
CHR5	6101799	CHR5:6101799	SSF x LoA	-9,539	0,022	0,297
CHR5	6101850	CHR5:6101850	SSF x LoA	-11,403	-0,048	0,296
CHR5	6101987	CHR5:6101987	SSF x LoA	-8,849	0,062	0,284
CHR5	6102004	CHR5:6102004	SSF x LoA	-10,370	0,018	0,284
CHR5	6103870	CHR5:6103870	SSF x LoA	-8,449	-0,104	0,288
CHR5	6103880	CHR5:6103880	SSF x LoA	-5,273	-0,155	0,286
CHR5	6103980	CHR5:6103980	SSF x LoA	-7,671	-0,106	0,271
CHR5	6103999	CHR5:6103999	SSF x LoA	-8,026	0,106	0,286
CHR5	6104103	CHR5:6104103	SSF x LoA	-9,459	-0,041	0,307
CHR5	6104257	CHR5:6104257	SSF x LoA	-7,648	-0,046	0,283
CHR5	6108636	CHR5:6108636	SSF x LoA	-9,329	0,075	0,292
CHR5	6110545	CHR5:6110545	SSF x LoA	-7,772	0,034	0,282
CHR5	6110578	CHR5:6110578	SSF x LoA	-8,058	0,117	0,289
CHR5	6135151	CHR5:6135151	SSF x LoA	-9,346	-0,137	0,282
CHR5	6135290	CHR5:6135290	SSF x LoA	-7,900	0,052	0,289
CHR5	6135500	CHR5:6135500	SSF x LoA	-8,236	-0,086	0,285
CHR5	6140717	CHR5:6140717	SSF x LoA	-8,499	-0,052	0,279
CHR5	6144223	CHR5:6144223	SSF x LoA	-9,578	-0,054	0,290
CHR5	6160637	CHR5:6160637	SSF x LoA	-8,365	0,075	0,306
CHR5	6160698	CHR5:6160698	SSF x LoA	-7,672	0,070	0,293
CHR5	6160701	CHR5:6160701	SSF x LoA	-9,884	0,021	0,272
CHR5	6160702	CHR5:6160702	SSF x LoA	-11,468	0,049	0,288
CHR5	6160892	CHR5:6160892	SSF x LoA	-10,250	-0,056	0,293
CHR5	6169754	CHR5:6169754	SSF x LoA	-7,053	-0,072	0,290
CHR5	6169768	CHR5:6169768	SSF x LoA	-7,300	-0,088	0,282
CHR5	6169825	CHR5:6169825	SSF x LoA	10,671	-0,076	0,292
CHR5	6169827	CHR5:6169827	SSF x LoA	-5,816	-0,151	0,273
CHR5	6170010	CHR5:6170010	SSF x LoA	-8,263	-0,067	0,286
CHR5	6191558	CHR5:6191558	SSF x LoA	-8,474	0,113	0,288
CHR5	6191569	CHR5:6191569	SSF x LoA	-8,087	0,017	0,291
CHR5	6200717	CHR5:6200717	SSF x LoA	-10,079	0,011	0,278
CHR5	6204742	CHR5:6204742	SSF x LoA	-9,916	-0,024	0,285
CHR5	6204938	CHR5:6204938	SSF x LoA	-9,471	0,065	0,285
CHR5	6207511	CHR5:6207511	SSF x LoA	-7,219	-0,060	0,292
CHR5	6207515	CHR5:6207515	SSF x LoA	-5,949	-0,041	0,288
CHR5	6217298	CHR5:6217298	SSF x LoA	-6,828	0,138	0,284
CHR5	6217534	CHR5:6217534	SSF x LoA	-11,171	-0,060	0,299
CHR5	6217553	CHR5:6217553	SSF x LoA	-10,134	0,016	0,301
CHR5	6217574	CHR5:6217574	SSF x LoA	-9,980	0,030	0,286
CHR5	6217744	CHR5:6217744	SSF x LoA	-9,914	0,027	0,291
CHR5	6264008	CHR5:6264008	SSF x LoA	-9,750	-0,047	0,298
CHR5	6264055	CHR5:6264055	SSF x LoA	-6,636	0,166	0,285
CHR5	6264297	CHR5:6264297	SSF x LoA	-11,451	0,026	0,288
CHR5	6268292	CHR5:6268292	SSF x LoA	-4,218	-0,125	0,279
CHR5	6268409	CHR5:6268409	SSF x LoA	-6,314	-0,187	0,283

CHR5	6268464	CHR5:6268464	SSF x LoA	-6,104	0,150	0,293
CHR5	6268513	CHR5:6268513	SSF x LoA	-11,263	-0,044	0,290
CHR5	6272561	CHR5:6272561	SSF x LoA	-9,196	0,118	0,287
CHR5	6272863	CHR5:6272863	SSF x LoA	-7,872	0,105	0,275
CHR5	6274725	CHR5:6274725	SSF x LoA	-9,960	-0,071	0,288
CHR5	6286051	CHR5:6286051	SSF x LoA	-10,285	-0,034	0,289
CHR5	6286216	CHR5:6286216	SSF x LoA	-7,376	0,129	0,282
CHR5	6286219	CHR5:6286219	SSF x LoA	-9,000	0,021	0,282
CHR5	6312090	CHR5:6312090	SSF x LoA	-7,816	-0,150	0,258
CHR5	6312294	CHR5:6312294	SSF x LoA	-7,645	-0,012	0,306
CHR5	6312316	CHR5:6312316	SSF x LoA	-10,375	0,004	0,282
CHR5	6312320	CHR5:6312320	SSF x LoA	-7,829	0,000	0,299
CHR5	6312343	CHR5:6312343	SSF x LoA	-8,624	0,006	0,280
CHR5	6312352	CHR5:6312352	SSF x LoA	-10,009	-0,049	0,281
CHR5	6322245	CHR5:6322245	SSF x LoA	14,767	0,143	0,283
CHR5	6322260	CHR5:6322260	SSF x LoA	-11,246	0,020	0,291
CHR5	6322412	CHR5:6322412	SSF x LoA	-3,789	0,220	0,291
CHR5	6324719	CHR5:6324719	SSF x LoA	-10,102	0,051	0,305
CHR5	6326478	CHR5:6326478	SSF x LoA	-8,591	-0,049	0,285
CHR5	6328728	CHR5:6328728	SSF x LoA	-10,235	-0,075	0,293
CHR5	6329536	CHR5:6329536	SSF x LoA	-6,178	-0,134	0,291
CHR5	6329563	CHR5:6329563	SSF x LoA	-10,075	-0,037	0,291
CHR5	6350264	CHR5:6350264	SSF x LoA	-9,576	-0,004	0,312
CHR5	6350292	CHR5:6350292	SSF x LoA	-8,434	0,000	0,285
CHR5	6350547	CHR5:6350547	SSF x LoA	-8,192	0,055	0,288
CHR5	636023	CHR5:636023	SSF x LoA	1,262	-0,094	0,287
CHR5	6361247	CHR5:6361247	SSF x LoA	-7,982	0,102	0,279
CHR5	6361257	CHR5:6361257	SSF x LoA	-7,697	0,122	0,289
CHR5	6361263	CHR5:6361263	SSF x LoA	-6,853	0,078	0,292
CHR5	6361448	CHR5:6361448	SSF x LoA	-7,049	0,085	0,302
CHR5	6361565	CHR5:6361565	SSF x LoA	-7,967	-0,100	0,280
CHR5	6361597	CHR5:6361597	SSF x LoA	-8,250	-0,036	0,299
CHR5	6377231	CHR5:6377231	SSF x LoA	-7,687	-0,013	0,316
CHR5	6377266	CHR5:6377266	SSF x LoA	-8,653	0,148	0,274
CHR5	6377385	CHR5:6377385	SSF x LoA	-7,469	0,081	0,287
CHR5	6380657	CHR5:6380657	SSF x LoA	-11,087	0,010	0,281
CHR5	6382741	CHR5:6382741	SSF x LoA	-6,612	0,001	0,305
CHR5	6382755	CHR5:6382755	SSF x LoA	-7,057	-0,046	0,305
CHR5	6382963	CHR5:6382963	SSF x LoA	-10,071	-0,017	0,288
CHR5	6409401	CHR5:6409401	SSF x LoA	-8,511	-0,018	0,310
CHR5	6417962	CHR5:6417962	SSF x LoA	-9,829	0,022	0,297
CHR5	6417977	CHR5:6417977	SSF x LoA	-5,782	0,036	0,302
CHR5	6418044	CHR5:6418044	SSF x LoA	-4,040	-0,037	0,290
CHR5	6418046	CHR5:6418046	SSF x LoA	-6,814	-0,027	0,298
CHR5	6418058	CHR5:6418058	SSF x LoA	-7,905	0,032	0,292
CHR5	6434336	CHR5:6434336	SSF x LoA	-8,687	-0,124	0,281
CHR5	6434594	CHR5:6434594	SSF x LoA	-7,388	-0,111	0,275
CHR5	6435266	CHR5:6435266	SSF x LoA	3,838	0,035	0,292
CHR5	6437060	CHR5:6437060	SSF x LoA	-10,333	0,092	0,280
CHR5	6437119	CHR5:6437119	SSF x LoA	-7,573	-0,013	0,303
CHR5	6449119	CHR5:6449119	SSF x LoA	3,287	0,106	0,303
CHR5	6449129	CHR5:6449129	SSF x LoA	-7,155	-0,142	0,289
CHR5	6449170	CHR5:6449170	SSF x LoA	-5,269	0,095	0,288

CHR5	6449457	CHR5:6449457	SSF x LoA	-11,426	0,014	0,291
CHR5	6450598	CHR5:6450598	SSF x LoA	-9,390	-0,060	0,284
CHR5	6450601	CHR5:6450601	SSF x LoA	-4,887	-0,047	0,296
CHR5	6451348	CHR5:6451348	SSF x LoA	-6,554	-0,025	0,286
CHR5	6464507	CHR5:6464507	SSF x LoA	-0,795	-0,103	0,290
CHR5	6465680	CHR5:6465680	SSF x LoA	-4,720	0,213	0,274
CHR5	6465689	CHR5:6465689	SSF x LoA	-3,645	-0,181	0,281
CHR5	6465752	CHR5:6465752	SSF x LoA	-5,451	-0,061	0,299
CHR5	6465768	CHR5:6465768	SSF x LoA	-5,254	0,207	0,273
CHR5	6465912	CHR5:6465912	SSF x LoA	-5,911	-0,012	0,283
CHR5	6465929	CHR5:6465929	SSF x LoA	-7,445	0,103	0,266
CHR5	6471214	CHR5:6471214	SSF x LoA	-8,375	-0,138	0,285
CHR5	6471633	CHR5:6471633	SSF x LoA	-10,739	-0,068	0,290
CHR5	6471686	CHR5:6471686	SSF x LoA	-7,945	-0,038	0,308
CHR5	6476942	CHR5:6476942	SSF x LoA	-6,754	-0,099	0,281
CHR5	6481228	CHR5:6481228	SSF x LoA	-8,275	0,028	0,295
CHR5	6483974	CHR5:6483974	SSF x LoA	-8,112	-0,050	0,282
CHR5	6486257	CHR5:6486257	SSF x LoA	-8,779	0,068	0,292
CHR5	6486366	CHR5:6486366	SSF x LoA	-6,924	0,081	0,301
CHR5	6486428	CHR5:6486428	SSF x LoA	-8,420	-0,047	0,291
CHR5	6487564	CHR5:6487564	SSF x LoA	-8,935	0,059	0,293
CHR5	6490086	CHR5:6490086	SSF x LoA	-10,247	0,021	0,300
CHR5	6490282	CHR5:6490282	SSF x LoA	-9,364	0,062	0,274
CHR5	6491615	CHR5:6491615	SSF x LoA	-9,856	0,038	0,300
CHR5	6491811	CHR5:6491811	SSF x LoA	-9,293	-0,075	0,280
CHR5	6491817	CHR5:6491817	SSF x LoA	-9,874	-0,038	0,299
CHR5	6491919	CHR5:6491919	SSF x LoA	-8,694	0,162	0,278
CHR5	6496544	CHR5:6496544	SSF x LoA	-10,717	-0,052	0,293
CHR5	6496664	CHR5:6496664	SSF x LoA	-7,159	-0,125	0,300
CHR5	6496711	CHR5:6496711	SSF x LoA	-10,703	-0,026	0,281
CHR5	6496829	CHR5:6496829	SSF x LoA	-9,060	-0,004	0,296
CHR5	6496868	CHR5:6496868	SSF x LoA	2,738	0,273	0,272
CHR5	6496897	CHR5:6496897	SSF x LoA	-5,154	0,115	0,274
CHR5	6504687	CHR5:6504687	SSF x LoA	-3,412	-0,244	0,270
CHR5	6504773	CHR5:6504773	SSF x LoA	-8,250	-0,014	0,283
CHR5	6504785	CHR5:6504785	SSF x LoA	-9,508	0,104	0,263
CHR5	6519952	CHR5:6519952	SSF x LoA	-9,985	-0,006	0,308
CHR5	6527561	CHR5:6527561	SSF x LoA	-8,992	-0,056	0,297
CHR5	6527567	CHR5:6527567	SSF x LoA	-7,411	-0,065	0,304
CHR5	6535703	CHR5:6535703	SSF x LoA	5,094	-0,168	0,292
CHR5	6535971	CHR5:6535971	SSF x LoA	-8,467	0,006	0,300
CHR5	6546795	CHR5:6546795	SSF x LoA	-4,765	-0,153	0,288
CHR5	6546846	CHR5:6546846	SSF x LoA	-8,810	0,089	0,299
CHR5	6546911	CHR5:6546911	SSF x LoA	-8,164	-0,055	0,290
CHR5	6547063	CHR5:6547063	SSF x LoA	-10,524	0,000	0,276
CHR5	6581788	CHR5:6581788	SSF x LoA	-9,881	-0,071	0,282
CHR5	6581844	CHR5:6581844	SSF x LoA	-11,078	0,025	0,277
CHR5	6581963	CHR5:6581963	SSF x LoA	-10,730	-0,047	0,289
CHR5	6582008	CHR5:6582008	SSF x LoA	-8,782	0,037	0,295
CHR5	6582108	CHR5:6582108	SSF x LoA	-8,941	0,121	0,288
CHR5	6582111	CHR5:6582111	SSF x LoA	-10,473	0,129	0,279
CHR5	6582163	CHR5:6582163	SSF x LoA	-8,258	-0,193	0,278
CHR5	6582173	CHR5:6582173	SSF x LoA	-7,850	0,174	0,285

CHR5	659084	CHR5:659084	SSF x LoA	-8,696	0,061	0,289
CHR5	6614927	CHR5:6614927	SSF x LoA	-8,413	0,062	0,296
CHR5	6622221	CHR5:6622221	SSF x LoA	-8,660	-0,031	0,301
CHR5	6622253	CHR5:6622253	SSF x LoA	-10,169	0,005	0,289
CHR5	6622295	CHR5:6622295	SSF x LoA	-9,872	-0,014	0,298
CHR5	6622324	CHR5:6622324	SSF x LoA	-10,859	-0,020	0,292
CHR5	6624568	CHR5:6624568	SSF x LoA	-7,424	-0,087	0,289
CHR5	6624799	CHR5:6624799	SSF x LoA	-8,125	0,074	0,296
CHR5	6652131	CHR5:6652131	SSF x LoA	-8,753	0,117	0,278
CHR5	6652145	CHR5:6652145	SSF x LoA	-10,437	0,074	0,292
CHR5	6652158	CHR5:6652158	SSF x LoA	-9,098	-0,081	0,281
CHR5	6652204	CHR5:6652204	SSF x LoA	-6,295	-0,193	0,289
CHR5	6652236	CHR5:6652236	SSF x LoA	1,014	0,227	0,292
CHR5	6652260	CHR5:6652260	SSF x LoA	-7,779	-0,109	0,292
CHR5	6652262	CHR5:6652262	SSF x LoA	-9,071	-0,049	0,292
CHR5	6652327	CHR5:6652327	SSF x LoA	-8,710	-0,073	0,296
CHR5	6652334	CHR5:6652334	SSF x LoA	-10,744	-0,026	0,281
CHR5	6655776	CHR5:6655776	SSF x LoA	-7,188	-0,062	0,275
CHR5	6655931	CHR5:6655931	SSF x LoA	-7,445	-0,084	0,288
CHR5	6655936	CHR5:6655936	SSF x LoA	-7,483	-0,114	0,274
CHR5	6664340	CHR5:6664340	SSF x LoA	-10,099	-0,143	0,281
CHR5	6664362	CHR5:6664362	SSF x LoA	-10,389	-0,068	0,291
CHR5	6664389	CHR5:6664389	SSF x LoA	-8,304	-0,039	0,295
CHR5	6664433	CHR5:6664433	SSF x LoA	-7,822	0,052	0,296
CHR5	6666915	CHR5:6666915	SSF x LoA	-1,332	0,081	0,301
CHR5	6668473	CHR5:6668473	SSF x LoA	-7,927	0,040	0,307
CHR5	6668516	CHR5:6668516	SSF x LoA	-7,497	0,139	0,270
CHR5	6672785	CHR5:6672785	SSF x LoA	-10,088	0,020	0,293
CHR5	6673944	CHR5:6673944	SSF x LoA	-11,379	-0,031	0,283
CHR5	6677835	CHR5:6677835	SSF x LoA	-4,449	-0,108	0,281
CHR5	6677906	CHR5:6677906	SSF x LoA	-8,214	0,055	0,276
CHR5	6677910	CHR5:6677910	SSF x LoA	-7,830	0,053	0,298
CHR5	6677978	CHR5:6677978	SSF x LoA	-6,497	0,144	0,282
CHR5	6679755	CHR5:6679755	SSF x LoA	-10,256	-0,005	0,275
CHR5	6688753	CHR5:6688753	SSF x LoA	-9,530	-0,116	0,276
CHR5	6689279	CHR5:6689279	SSF x LoA	-8,791	0,000	0,275
CHR5	6695860	CHR5:6695860	SSF x LoA	-10,164	0,021	0,292
CHR5	6705579	CHR5:6705579	SSF x LoA	-8,638	-0,112	0,286
CHR5	6759006	CHR5:6759006	SSF x LoA	-5,150	0,148	0,280
CHR5	6759186	CHR5:6759186	SSF x LoA	-9,302	-0,084	0,285
CHR5	6759289	CHR5:6759289	SSF x LoA	-8,171	-0,155	0,286
CHR5	6759406	CHR5:6759406	SSF x LoA	-8,966	0,044	0,283
CHR5	6772047	CHR5:6772047	SSF x LoA	-9,366	0,047	0,283
CHR5	6772057	CHR5:6772057	SSF x LoA	-8,559	-0,063	0,280
CHR5	6772075	CHR5:6772075	SSF x LoA	-8,929	-0,051	0,296
CHR5	6772234	CHR5:6772234	SSF x LoA	-9,864	-0,007	0,290
CHR5	6772241	CHR5:6772241	SSF x LoA	-7,677	-0,047	0,290
CHR5	6784751	CHR5:6784751	SSF x LoA	-8,671	0,133	0,288
CHR5	6787929	CHR5:6787929	SSF x LoA	-10,325	-0,054	0,282
CHR5	6787967	CHR5:6787967	SSF x LoA	-9,205	-0,049	0,294
CHR5	6788032	CHR5:6788032	SSF x LoA	-5,482	-0,112	0,282
CHR5	6788040	CHR5:6788040	SSF x LoA	-8,146	0,088	0,293
CHR5	6788174	CHR5:6788174	SSF x LoA	-10,872	-0,058	0,282

CHR5	6798250	CHR5:6798250	SSF x LoA	-9,529	0,056	0,286
CHR5	6798253	CHR5:6798253	SSF x LoA	-6,848	0,072	0,300
CHR5	6798266	CHR5:6798266	SSF x LoA	-8,019	0,110	0,310
CHR5	6798273	CHR5:6798273	SSF x LoA	-9,531	0,135	0,284
CHR5	6798357	CHR5:6798357	SSF x LoA	-10,237	0,009	0,304
CHR5	6798548	CHR5:6798548	SSF x LoA	-11,114	0,046	0,291
CHR5	6798622	CHR5:6798622	SSF x LoA	-8,063	0,072	0,285
CHR5	6798646	CHR5:6798646	SSF x LoA	-11,691	-0,003	0,291
CHR5	6803362	CHR5:6803362	SSF x LoA	-4,707	-0,147	0,290
CHR5	6803385	CHR5:6803385	SSF x LoA	-6,766	-0,101	0,285
CHR5	6803450	CHR5:6803450	SSF x LoA	-2,852	-0,162	0,287
CHR5	6803479	CHR5:6803479	SSF x LoA	-7,310	0,182	0,271
CHR5	6806667	CHR5:6806667	SSF x LoA	-8,157	-0,041	0,288
CHR5	6806700	CHR5:6806700	SSF x LoA	-10,112	-0,058	0,286
CHR5	6806775	CHR5:6806775	SSF x LoA	-8,221	-0,109	0,282
CHR5	6806974	CHR5:6806974	SSF x LoA	-9,024	0,028	0,269
CHR5	6806991	CHR5:6806991	SSF x LoA	-5,171	0,067	0,294
CHR5	6821108	CHR5:6821108	SSF x LoA	-4,895	-0,197	0,288
CHR5	6836167	CHR5:6836167	SSF x LoA	-9,083	0,083	0,293
CHR5	6836337	CHR5:6836337	SSF x LoA	-8,207	0,039	0,300
CHR5	6836385	CHR5:6836385	SSF x LoA	-8,612	0,064	0,277
CHR5	6836536	CHR5:6836536	SSF x LoA	-9,015	-0,008	0,303
CHR5	6836575	CHR5:6836575	SSF x LoA	-7,281	0,060	0,281
CHR5	6836616	CHR5:6836616	SSF x LoA	-10,544	0,035	0,275
CHR5	6848539	CHR5:6848539	SSF x LoA	-11,425	-0,019	0,286
CHR5	6848586	CHR5:6848586	SSF x LoA	-10,722	-0,022	0,289
CHR5	6848682	CHR5:6848682	SSF x LoA	-9,237	0,065	0,297
CHR5	6854557	CHR5:6854557	SSF x LoA	-11,305	-0,105	0,270
CHR5	6854594	CHR5:6854594	SSF x LoA	-10,089	-0,060	0,301
CHR5	6854733	CHR5:6854733	SSF x LoA	-9,660	-0,008	0,303
CHR5	6854816	CHR5:6854816	SSF x LoA	-9,200	-0,032	0,287
CHR5	6854830	CHR5:6854830	SSF x LoA	-11,168	0,000	0,286
CHR5	6861714	CHR5:6861714	SSF x LoA	-6,267	-0,055	0,299
CHR5	6861742	CHR5:6861742	SSF x LoA	-7,905	-0,073	0,288
CHR5	6878801	CHR5:6878801	SSF x LoA	-8,682	-0,058	0,296
CHR5	6878902	CHR5:6878902	SSF x LoA	-10,659	-0,026	0,282
CHR5	6879129	CHR5:6879129	SSF x LoA	-7,033	0,001	0,297
CHR5	6884628	CHR5:6884628	SSF x LoA	-9,491	0,053	0,285
CHR5	6916003	CHR5:6916003	SSF x LoA	-10,225	0,042	0,300
CHR5	6916081	CHR5:6916081	SSF x LoA	-8,265	-0,135	0,286
CHR5	6916192	CHR5:6916192	SSF x LoA	-7,564	-0,091	0,285
CHR5	6919959	CHR5:6919959	SSF x LoA	-10,155	0,078	0,284
CHR5	6919977	CHR5:6919977	SSF x LoA	-4,679	0,026	0,300
CHR5	6920055	CHR5:6920055	SSF x LoA	-8,067	0,108	0,287
CHR5	6920074	CHR5:6920074	SSF x LoA	-9,529	0,013	0,292
CHR5	6920251	CHR5:6920251	SSF x LoA	-8,989	0,085	0,299
CHR5	6920268	CHR5:6920268	SSF x LoA	-7,569	0,138	0,285
CHR5	6920284	CHR5:6920284	SSF x LoA	-5,141	0,130	0,279
CHR5	6920290	CHR5:6920290	SSF x LoA	-5,412	0,137	0,288
CHR5	6924852	CHR5:6924852	SSF x LoA	-4,259	0,182	0,286
CHR5	6930200	CHR5:6930200	SSF x LoA	-8,234	-0,061	0,295
CHR5	6930235	CHR5:6930235	SSF x LoA	-10,384	0,043	0,309
CHR5	6930272	CHR5:6930272	SSF x LoA	-8,673	0,076	0,298

CHR5	6969408	CHR5:6969408	SSF x LoA	-6,588	0,080	0,291
CHR5	6980385	CHR5:6980385	SSF x LoA	-7,888	0,007	0,283
CHR5	6980413	CHR5:6980413	SSF x LoA	-9,040	0,002	0,283
CHR5	6980501	CHR5:6980501	SSF x LoA	-7,668	0,037	0,278
CHR5	6990296	CHR5:6990296	SSF x LoA	0,675	0,240	0,269
CHR5	6990297	CHR5:6990297	SSF x LoA	-10,227	-0,146	0,284
CHR5	6990305	CHR5:6990305	SSF x LoA	-9,435	0,100	0,270
CHR5	6990348	CHR5:6990348	SSF x LoA	-4,731	-0,207	0,275
CHR5	6990349	CHR5:6990349	SSF x LoA	-3,763	-0,221	0,276
CHR5	6991979	CHR5:6991979	SSF x LoA	-7,775	0,114	0,304
CHR5	6997506	CHR5:6997506	SSF x LoA	-7,228	-0,031	0,299
CHR5	6997526	CHR5:6997526	SSF x LoA	-5,676	0,032	0,284
CHR5	6997637	CHR5:6997637	SSF x LoA	-7,605	0,107	0,297
CHR5	6997651	CHR5:6997651	SSF x LoA	-6,810	0,111	0,302
CHR5	6997667	CHR5:6997667	SSF x LoA	-8,351	0,097	0,288
CHR5	6997680	CHR5:6997680	SSF x LoA	-7,509	-0,091	0,285
CHR5	6997880	CHR5:6997880	SSF x LoA	-9,397	-0,082	0,289
CHR5	7002002	CHR5:7002002	SSF x LoA	-9,683	0,043	0,284
CHR5	7046535	CHR5:7046535	SSF x LoA	-7,937	0,018	0,294
CHR5	7046542	CHR5:7046542	SSF x LoA	-8,574	0,010	0,281
CHR5	7046639	CHR5:7046639	SSF x LoA	-8,070	-0,035	0,294
CHR5	7046671	CHR5:7046671	SSF x LoA	-8,775	-0,004	0,290
CHR5	7056667	CHR5:7056667	SSF x LoA	-8,796	0,062	0,299
CHR5	7056684	CHR5:7056684	SSF x LoA	-7,897	-0,031	0,297
CHR5	7056729	CHR5:7056729	SSF x LoA	-5,262	0,034	0,301
CHR5	7056773	CHR5:7056773	SSF x LoA	-8,240	0,013	0,302
CHR5	7056912	CHR5:7056912	SSF x LoA	-10,178	-0,035	0,305
CHR5	7141170	CHR5:7141170	SSF x LoA	-7,194	0,186	0,285
CHR5	7141251	CHR5:7141251	SSF x LoA	-9,605	-0,031	0,279
CHR5	7152820	CHR5:7152820	SSF x LoA	-8,504	-0,047	0,286
CHR5	7165127	CHR5:7165127	SSF x LoA	-9,774	-0,049	0,289
CHR5	7177519	CHR5:7177519	SSF x LoA	-9,823	-0,143	0,273
CHR5	7180190	CHR5:7180190	SSF x LoA	-6,127	-0,118	0,273
CHR5	7180911	CHR5:7180911	SSF x LoA	-8,613	-0,059	0,290
CHR5	7180969	CHR5:7180969	SSF x LoA	-10,841	0,076	0,274
CHR5	7181044	CHR5:7181044	SSF x LoA	-8,965	-0,143	0,282
CHR5	7185789	CHR5:7185789	SSF x LoA	-7,719	0,118	0,267
CHR5	7186017	CHR5:7186017	SSF x LoA	-7,775	-0,016	0,310
CHR5	7199817	CHR5:7199817	SSF x LoA	-9,043	0,052	0,276
CHR5	7203902	CHR5:7203902	SSF x LoA	-10,972	0,028	0,292
CHR5	7210640	CHR5:7210640	SSF x LoA	-8,751	0,100	0,289
CHR5	7215712	CHR5:7215712	SSF x LoA	-8,702	0,052	0,294
CHR5	7215799	CHR5:7215799	SSF x LoA	-7,523	0,120	0,293
CHR5	7215805	CHR5:7215805	SSF x LoA	-9,129	-0,051	0,290
CHR5	7220219	CHR5:7220219	SSF x LoA	-11,466	0,014	0,294
CHR5	7236043	CHR5:7236043	SSF x LoA	-8,037	0,045	0,296
CHR5	7236068	CHR5:7236068	SSF x LoA	-9,961	0,003	0,295
CHR5	7236071	CHR5:7236071	SSF x LoA	-6,009	0,128	0,291
CHR5	7236151	CHR5:7236151	SSF x LoA	-8,302	0,179	0,290
CHR5	7249514	CHR5:7249514	SSF x LoA	-8,163	0,022	0,301
CHR5	7249544	CHR5:7249544	SSF x LoA	-8,626	0,002	0,288
CHR5	7249725	CHR5:7249725	SSF x LoA	0,454	-0,010	0,295
CHR5	7252816	CHR5:7252816	SSF x LoA	-7,330	0,101	0,296

CHR5	7252916	CHR5:7252916	SSF x LoA	-7,863	0,006	0,291
CHR5	7252918	CHR5:7252918	SSF x LoA	-8,201	0,034	0,287
CHR5	7252944	CHR5:7252944	SSF x LoA	-7,759	0,031	0,285
CHR5	7252958	CHR5:7252958	SSF x LoA	-10,282	0,048	0,286
CHR5	7252978	CHR5:7252978	SSF x LoA	-5,417	-0,074	0,298
CHR5	7253135	CHR5:7253135	SSF x LoA	-7,114	-0,142	0,286
CHR5	7396820	CHR5:7396820	SSF x LoA	-7,537	-0,103	0,293
CHR5	7397184	CHR5:7397184	SSF x LoA	-10,910	-0,005	0,278
CHR5	7397201	CHR5:7397201	SSF x LoA	-9,888	0,000	0,283
CHR5	7397225	CHR5:7397225	SSF x LoA	-8,585	0,007	0,306
CHR5	7397227	CHR5:7397227	SSF x LoA	-8,391	0,084	0,291
CHR5	7402338	CHR5:7402338	SSF x LoA	-10,252	0,036	0,294
CHR5	7402391	CHR5:7402391	SSF x LoA	-10,593	0,001	0,292
CHR5	7402415	CHR5:7402415	SSF x LoA	-10,164	-0,004	0,289
CHR5	7403073	CHR5:7403073	SSF x LoA	-9,315	-0,046	0,284
CHR5	7403081	CHR5:7403081	SSF x LoA	-9,916	0,090	0,295
CHR5	7403154	CHR5:7403154	SSF x LoA	-10,408	-0,007	0,288
CHR5	7403167	CHR5:7403167	SSF x LoA	-8,927	-0,028	0,291
CHR5	7403186	CHR5:7403186	SSF x LoA	-7,910	-0,092	0,287
CHR5	7403214	CHR5:7403214	SSF x LoA	-6,751	0,005	0,295
CHR5	7411477	CHR5:7411477	SSF x LoA	-10,381	0,011	0,287
CHR5	7411556	CHR5:7411556	SSF x LoA	-9,110	-0,012	0,294
CHR5	7415364	CHR5:7415364	SSF x LoA	-9,417	0,075	0,293
CHR5	7420815	CHR5:7420815	SSF x LoA	-10,434	-0,067	0,283
CHR5	7425948	CHR5:7425948	SSF x LoA	-7,610	-0,025	0,303
CHR5	7426093	CHR5:7426093	SSF x LoA	-6,269	0,136	0,300
CHR5	7429477	CHR5:7429477	SSF x LoA	-8,953	0,057	0,297
CHR5	7429480	CHR5:7429480	SSF x LoA	-11,170	0,045	0,281
CHR5	7429494	CHR5:7429494	SSF x LoA	-7,940	-0,134	0,275
CHR5	7429515	CHR5:7429515	SSF x LoA	-8,176	0,034	0,278
CHR5	7429520	CHR5:7429520	SSF x LoA	-4,904	0,189	0,258
CHR5	7429546	CHR5:7429546	SSF x LoA	-7,271	0,027	0,269
CHR5	7429716	CHR5:7429716	SSF x LoA	-5,658	0,183	0,266
CHR5	7429932	CHR5:7429932	SSF x LoA	-10,295	0,008	0,286
CHR5	7440577	CHR5:7440577	SSF x LoA	-11,168	-0,068	0,287
CHR5	7440628	CHR5:7440628	SSF x LoA	-6,576	0,127	0,295
CHR5	7440757	CHR5:7440757	SSF x LoA	-10,346	0,090	0,286
CHR5	7441613	CHR5:7441613	SSF x LoA	-2,414	-0,163	0,276
CHR5	7441748	CHR5:7441748	SSF x LoA	-8,423	0,058	0,286
CHR5	7441759	CHR5:7441759	SSF x LoA	-8,422	0,152	0,301
CHR5	7441769	CHR5:7441769	SSF x LoA	-9,552	0,044	0,290
CHR5	7450992	CHR5:7450992	SSF x LoA	-4,225	-0,201	0,274
CHR5	7451032	CHR5:7451032	SSF x LoA	-10,887	-0,005	0,287
CHR5	7451041	CHR5:7451041	SSF x LoA	-9,721	0,023	0,306
CHR5	7451099	CHR5:7451099	SSF x LoA	-8,905	-0,039	0,291
CHR5	7451127	CHR5:7451127	SSF x LoA	-10,861	-0,038	0,278
CHR5	7451140	CHR5:7451140	SSF x LoA	-8,654	-0,007	0,284
CHR5	7453153	CHR5:7453153	SSF x LoA	-9,156	0,045	0,282
CHR5	7453179	CHR5:7453179	SSF x LoA	-8,858	-0,060	0,286
CHR5	7453281	CHR5:7453281	SSF x LoA	-10,594	-0,025	0,285
CHR5	7453283	CHR5:7453283	SSF x LoA	-10,178	-0,013	0,301
CHR5	7453288	CHR5:7453288	SSF x LoA	-8,616	0,015	0,292
CHR5	7459633	CHR5:7459633	SSF x LoA	-9,355	-0,112	0,283

CHR5	7461121	CHR5:7461121	SSF x LoA	-4,017	0,225	0,251
CHR5	7461122	CHR5:7461122	SSF x LoA	-2,551	0,199	0,266
CHR5	7461197	CHR5:7461197	SSF x LoA	-7,971	0,146	0,288
CHR5	7461259	CHR5:7461259	SSF x LoA	-8,052	-0,125	0,272
CHR5	7461271	CHR5:7461271	SSF x LoA	-10,663	0,099	0,278
CHR5	7469356	CHR5:7469356	SSF x LoA	-9,326	0,018	0,292
CHR5	7475055	CHR5:7475055	SSF x LoA	-7,400	-0,055	0,311
CHR5	7475163	CHR5:7475163	SSF x LoA	-8,772	-0,081	0,281
CHR5	7488031	CHR5:7488031	SSF x LoA	-8,197	-0,080	0,296
CHR5	7488071	CHR5:7488071	SSF x LoA	-9,140	0,047	0,298
CHR5	7488195	CHR5:7488195	SSF x LoA	-6,679	0,020	0,285
CHR5	7488221	CHR5:7488221	SSF x LoA	-8,618	-0,012	0,280
CHR5	7488306	CHR5:7488306	SSF x LoA	-9,986	-0,123	0,287
CHR5	7488330	CHR5:7488330	SSF x LoA	-9,618	-0,084	0,290
CHR5	7488333	CHR5:7488333	SSF x LoA	-9,097	0,038	0,282
CHR5	7488353	CHR5:7488353	SSF x LoA	-8,234	0,051	0,297
CHR5	7488391	CHR5:7488391	SSF x LoA	-7,486	-0,004	0,301
CHR5	7493144	CHR5:7493144	SSF x LoA	-8,174	-0,153	0,286
CHR5	7493199	CHR5:7493199	SSF x LoA	-8,578	-0,015	0,278
CHR5	7495425	CHR5:7495425	SSF x LoA	-8,555	-0,086	0,280
CHR5	7495635	CHR5:7495635	SSF x LoA	-7,754	0,063	0,285
CHR5	7496669	CHR5:7496669	SSF x LoA	-9,799	0,038	0,294
CHR5	7496768	CHR5:7496768	SSF x LoA	-8,138	0,150	0,295
CHR5	7496872	CHR5:7496872	SSF x LoA	-5,490	-0,073	0,289
CHR5	7496898	CHR5:7496898	SSF x LoA	-9,690	0,120	0,293
CHR5	7502890	CHR5:7502890	SSF x LoA	-7,772	-0,096	0,291
CHR5	7513513	CHR5:7513513	SSF x LoA	-10,294	-0,022	0,282
CHR5	7513531	CHR5:7513531	SSF x LoA	-10,498	0,037	0,290
CHR5	7513573	CHR5:7513573	SSF x LoA	-9,863	0,032	0,301
CHR5	7513758	CHR5:7513758	SSF x LoA	-9,808	0,034	0,301
CHR5	7517750	CHR5:7517750	SSF x LoA	-7,717	-0,063	0,277
CHR5	7518776	CHR5:7518776	SSF x LoA	-8,333	-0,055	0,300
CHR5	7530129	CHR5:7530129	SSF x LoA	-9,857	-0,031	0,299
CHR5	7530138	CHR5:7530138	SSF x LoA	-9,783	-0,032	0,286
CHR5	7530349	CHR5:7530349	SSF x LoA	-9,417	0,126	0,297
CHR5	7540933	CHR5:7540933	SSF x LoA	-10,358	0,057	0,293
CHR5	7541016	CHR5:7541016	SSF x LoA	-8,188	0,125	0,274
CHR5	7541024	CHR5:7541024	SSF x LoA	-9,871	0,020	0,282
CHR5	7541029	CHR5:7541029	SSF x LoA	-2,278	-0,101	0,281
CHR5	7541106	CHR5:7541106	SSF x LoA	-10,176	0,081	0,274
CHR5	7541179	CHR5:7541179	SSF x LoA	-8,286	-0,059	0,288
CHR5	7541204	CHR5:7541204	SSF x LoA	-8,249	-0,073	0,291
CHR5	7541251	CHR5:7541251	SSF x LoA	-9,542	-0,116	0,286
CHR5	7563176	CHR5:7563176	SSF x LoA	-10,238	0,001	0,289
CHR5	7563250	CHR5:7563250	SSF x LoA	-5,915	0,154	0,276
CHR5	7583070	CHR5:7583070	SSF x LoA	-8,754	0,001	0,287
CHR5	7599246	CHR5:7599246	SSF x LoA	-8,651	0,076	0,300
CHR5	7599372	CHR5:7599372	SSF x LoA	-11,597	-0,061	0,277
CHR5	7599636	CHR5:7599636	SSF x LoA	-7,925	-0,036	0,283
CHR5	7611386	CHR5:7611386	SSF x LoA	-8,590	0,037	0,282
CHR5	7611455	CHR5:7611455	SSF x LoA	-10,914	0,034	0,264
CHR5	7613856	CHR5:7613856	SSF x LoA	-9,055	-0,054	0,289
CHR5	7613951	CHR5:7613951	SSF x LoA	-10,932	-0,019	0,292

CHR5	7614099	CHR5:7614099	SSF x LoA	-9,946	-0,147	0,285
CHR5	7616865	CHR5:7616865	SSF x LoA	-7,274	-0,044	0,298
CHR5	7616905	CHR5:7616905	SSF x LoA	-9,664	0,174	0,281
CHR5	7617068	CHR5:7617068	SSF x LoA	-8,293	0,101	0,294
CHR5	7639606	CHR5:7639606	SSF x LoA	-9,350	0,024	0,272
CHR5	7639694	CHR5:7639694	SSF x LoA	-11,642	0,015	0,283
CHR5	7641352	CHR5:7641352	SSF x LoA	-8,067	-0,032	0,290
CHR5	7641359	CHR5:7641359	SSF x LoA	-7,955	0,020	0,305
CHR5	7641380	CHR5:7641380	SSF x LoA	-11,215	-0,008	0,300
CHR5	7641492	CHR5:7641492	SSF x LoA	-7,843	-0,003	0,296
CHR5	7641509	CHR5:7641509	SSF x LoA	-11,148	0,005	0,283
CHR5	7644019	CHR5:7644019	SSF x LoA	-9,863	-0,120	0,286
CHR5	7644060	CHR5:7644060	SSF x LoA	-11,050	-0,036	0,286
CHR5	7648733	CHR5:7648733	SSF x LoA	-6,264	0,074	0,297
CHR5	7648901	CHR5:7648901	SSF x LoA	-6,798	-0,051	0,298
CHR5	7652182	CHR5:7652182	SSF x LoA	-9,560	0,031	0,295
CHR5	7652280	CHR5:7652280	SSF x LoA	-11,855	-0,030	0,277
CHR5	7654667	CHR5:7654667	SSF x LoA	-10,435	0,063	0,278
CHR5	7654691	CHR5:7654691	SSF x LoA	-6,312	-0,144	0,282
CHR5	7654758	CHR5:7654758	SSF x LoA	-10,852	0,024	0,288
CHR5	7655864	CHR5:7655864	SSF x LoA	-8,393	-0,049	0,276
CHR5	7655965	CHR5:7655965	SSF x LoA	-8,480	0,042	0,286
CHR5	7656884	CHR5:7656884	SSF x LoA	-6,617	0,156	0,274
CHR5	7656885	CHR5:7656885	SSF x LoA	-5,795	0,056	0,291
CHR5	7657054	CHR5:7657054	SSF x LoA	-10,077	0,005	0,278
CHR5	7661795	CHR5:7661795	SSF x LoA	-11,058	-0,035	0,291
CHR5	7661804	CHR5:7661804	SSF x LoA	-7,146	-0,092	0,287
CHR5	7669402	CHR5:7669402	SSF x LoA	-10,506	0,026	0,277
CHR5	7700584	CHR5:7700584	SSF x LoA	-8,459	-0,133	0,287
CHR5	7700801	CHR5:7700801	SSF x LoA	-5,618	-0,038	0,294
CHR5	7715378	CHR5:7715378	SSF x LoA	-9,857	-0,040	0,301
CHR5	7715451	CHR5:7715451	SSF x LoA	-9,059	-0,002	0,288
CHR5	7715503	CHR5:7715503	SSF x LoA	-6,974	0,163	0,292
CHR5	7715542	CHR5:7715542	SSF x LoA	-8,900	-0,031	0,297
CHR5	7723648	CHR5:7723648	SSF x LoA	-6,195	0,151	0,280
CHR5	7723731	CHR5:7723731	SSF x LoA	-8,222	-0,034	0,293
CHR5	7736275	CHR5:7736275	SSF x LoA	-10,307	0,042	0,296
CHR5	7736337	CHR5:7736337	SSF x LoA	-7,602	0,081	0,288
CHR5	7736350	CHR5:7736350	SSF x LoA	-11,252	0,038	0,287
CHR5	7740134	CHR5:7740134	SSF x LoA	-4,810	0,196	0,283
CHR5	7740189	CHR5:7740189	SSF x LoA	-7,639	-0,074	0,292
CHR5	7740204	CHR5:7740204	SSF x LoA	-5,740	-0,172	0,296
CHR5	7740242	CHR5:7740242	SSF x LoA	-9,053	-0,067	0,294
CHR5	7740322	CHR5:7740322	SSF x LoA	-9,129	0,016	0,290
CHR5	7740368	CHR5:7740368	SSF x LoA	-10,482	-0,051	0,291
CHR5	7745914	CHR5:7745914	SSF x LoA	-8,675	-0,033	0,292
CHR5	7745948	CHR5:7745948	SSF x LoA	-9,729	0,041	0,300
CHR5	7745950	CHR5:7745950	SSF x LoA	-10,139	0,026	0,296
CHR5	7746042	CHR5:7746042	SSF x LoA	-9,786	-0,033	0,286
CHR5	7771836	CHR5:7771836	SSF x LoA	-5,683	-0,095	0,280
CHR5	7771882	CHR5:7771882	SSF x LoA	-9,746	0,009	0,290
CHR5	7771905	CHR5:7771905	SSF x LoA	-9,135	-0,035	0,283
CHR5	7771914	CHR5:7771914	SSF x LoA	-10,063	0,091	0,290

CHR5	7771946	CHR5:7771946	SSF x LoA	-7,581	0,145	0,286
CHR5	7789635	CHR5:7789635	SSF x LoA	-11,412	-0,037	0,281
CHR5	7789649	CHR5:7789649	SSF x LoA	-8,474	-0,052	0,295
CHR5	7789667	CHR5:7789667	SSF x LoA	-9,280	-0,036	0,301
CHR5	7789746	CHR5:7789746	SSF x LoA	-5,056	-0,145	0,293
CHR5	7789961	CHR5:7789961	SSF x LoA	-7,404	0,098	0,292
CHR5	7801812	CHR5:7801812	SSF x LoA	-4,952	-0,163	0,283
CHR5	7801892	CHR5:7801892	SSF x LoA	-9,788	0,020	0,300
CHR5	7801902	CHR5:7801902	SSF x LoA	-9,314	0,005	0,288
CHR5	7801940	CHR5:7801940	SSF x LoA	-8,992	0,064	0,294
CHR5	7802048	CHR5:7802048	SSF x LoA	-10,031	-0,019	0,288
CHR5	7804985	CHR5:7804985	SSF x LoA	-9,273	0,027	0,274
CHR5	7808392	CHR5:7808392	SSF x LoA	-9,281	-0,060	0,291
CHR5	7808437	CHR5:7808437	SSF x LoA	-5,660	-0,160	0,284
CHR5	7808456	CHR5:7808456	SSF x LoA	-2,941	-0,102	0,288
CHR5	7808514	CHR5:7808514	SSF x LoA	-9,159	-0,084	0,294
CHR5	7808529	CHR5:7808529	SSF x LoA	-9,389	-0,121	0,291
CHR5	7808563	CHR5:7808563	SSF x LoA	-9,804	0,061	0,290
CHR5	7824197	CHR5:7824197	SSF x LoA	-11,593	0,044	0,282
CHR5	7830082	CHR5:7830082	SSF x LoA	-7,514	-0,123	0,280
CHR5	7830087	CHR5:7830087	SSF x LoA	-8,844	-0,098	0,277
CHR5	7830121	CHR5:7830121	SSF x LoA	-5,288	-0,135	0,286
CHR5	7830178	CHR5:7830178	SSF x LoA	-7,298	-0,157	0,264
CHR5	7830253	CHR5:7830253	SSF x LoA	-7,274	-0,167	0,272
CHR5	7841625	CHR5:7841625	SSF x LoA	-9,432	-0,031	0,285
CHR5	7841631	CHR5:7841631	SSF x LoA	-9,572	-0,022	0,286
CHR5	7841698	CHR5:7841698	SSF x LoA	-9,425	0,067	0,297
CHR5	7841704	CHR5:7841704	SSF x LoA	-8,644	-0,064	0,295
CHR5	7851866	CHR5:7851866	SSF x LoA	-11,018	-0,006	0,291
CHR5	7852097	CHR5:7852097	SSF x LoA	-9,893	-0,118	0,298
CHR5	7852142	CHR5:7852142	SSF x LoA	-11,448	-0,099	0,279
CHR5	7852577	CHR5:7852577	SSF x LoA	-10,890	-0,090	0,274
CHR5	7852745	CHR5:7852745	SSF x LoA	-7,769	0,123	0,278
CHR5	7853752	CHR5:7853752	SSF x LoA	-9,986	-0,007	0,292
CHR5	7854971	CHR5:7854971	SSF x LoA	-8,005	0,019	0,298
CHR5	7855403	CHR5:7855403	SSF x LoA	-9,696	-0,133	0,276
CHR5	7855424	CHR5:7855424	SSF x LoA	-7,520	-0,088	0,295
CHR5	7855697	CHR5:7855697	SSF x LoA	-8,721	-0,043	0,277
CHR5	7855700	CHR5:7855700	SSF x LoA	-10,415	0,085	0,278
CHR5	7855757	CHR5:7855757	SSF x LoA	7,143	-0,129	0,288
CHR5	7855886	CHR5:7855886	SSF x LoA	-7,928	-0,122	0,291
CHR5	7863463	CHR5:7863463	SSF x LoA	-7,685	0,076	0,280
CHR5	7863490	CHR5:7863490	SSF x LoA	-4,171	0,092	0,299
CHR5	7863599	CHR5:7863599	SSF x LoA	-7,293	-0,163	0,285
CHR5	7863649	CHR5:7863649	SSF x LoA	-8,044	0,162	0,285
CHR5	7863700	CHR5:7863700	SSF x LoA	-7,582	0,136	0,288
CHR5	7863717	CHR5:7863717	SSF x LoA	-6,367	0,097	0,295
CHR5	7869762	CHR5:7869762	SSF x LoA	-9,662	-0,012	0,299
CHR5	7869791	CHR5:7869791	SSF x LoA	-9,638	0,017	0,305
CHR5	7872617	CHR5:7872617	SSF x LoA	-5,365	-0,040	0,297
CHR5	7875808	CHR5:7875808	SSF x LoA	-9,608	-0,110	0,294
CHR5	7892083	CHR5:7892083	SSF x LoA	-7,807	-0,066	0,293
CHR5	7892124	CHR5:7892124	SSF x LoA	-8,146	-0,028	0,294

CHR5	7940841	CHR5:7940841	SSF x LoA	-5,419	0,088	0,289
CHR5	7945124	CHR5:7945124	SSF x LoA	-8,432	0,138	0,292
CHR5	7996614	CHR5:7996614	SSF x LoA	-10,280	0,094	0,282
CHR5	7998782	CHR5:7998782	SSF x LoA	-6,583	0,152	0,294
CHR5	7998894	CHR5:7998894	SSF x LoA	-6,486	0,144	0,288
CHR5	8009207	CHR5:8009207	SSF x LoA	-9,645	-0,052	0,288
CHR5	8009228	CHR5:8009228	SSF x LoA	-7,941	-0,186	0,259
CHR5	8021304	CHR5:8021304	SSF x LoA	-10,767	0,103	0,287
CHR5	8021338	CHR5:8021338	SSF x LoA	-10,761	-0,065	0,292
CHR5	8021340	CHR5:8021340	SSF x LoA	-8,223	-0,042	0,293
CHR5	8021341	CHR5:8021341	SSF x LoA	-10,123	-0,017	0,291
CHR5	8021347	CHR5:8021347	SSF x LoA	-9,503	-0,106	0,285
CHR5	8021370	CHR5:8021370	SSF x LoA	-8,015	-0,129	0,279
CHR5	8064664	CHR5:8064664	SSF x LoA	-6,688	-0,177	0,283
CHR5	8064728	CHR5:8064728	SSF x LoA	-9,245	-0,150	0,291
CHR5	8064737	CHR5:8064737	SSF x LoA	-3,411	-0,287	0,268
CHR5	8064766	CHR5:8064766	SSF x LoA	-11,682	-0,039	0,291
CHR5	8064854	CHR5:8064854	SSF x LoA	-10,317	0,022	0,269
CHR5	8064875	CHR5:8064875	SSF x LoA	-3,945	0,198	0,278
CHR5	8064891	CHR5:8064891	SSF x LoA	-5,146	0,085	0,278
CHR5	8064922	CHR5:8064922	SSF x LoA	-4,770	-0,196	0,293
CHR5	8064937	CHR5:8064937	SSF x LoA	-8,388	0,020	0,295
CHR5	8064946	CHR5:8064946	SSF x LoA	-8,073	-0,128	0,299
CHR5	8073848	CHR5:8073848	SSF x LoA	-8,403	0,038	0,286
CHR5	8076570	CHR5:8076570	SSF x LoA	-7,874	-0,063	0,266
CHR5	8076630	CHR5:8076630	SSF x LoA	-9,507	-0,027	0,272
CHR5	8076666	CHR5:8076666	SSF x LoA	-10,762	0,027	0,284
CHR5	8083037	CHR5:8083037	SSF x LoA	-4,871	0,069	0,294
CHR5	8083057	CHR5:8083057	SSF x LoA	-10,200	-0,085	0,288
CHR5	8083066	CHR5:8083066	SSF x LoA	-7,466	-0,096	0,284
CHR5	8083108	CHR5:8083108	SSF x LoA	-9,281	-0,017	0,284
CHR5	8110938	CHR5:8110938	SSF x LoA	-8,452	-0,025	0,294
CHR5	8125402	CHR5:8125402	SSF x LoA	-9,723	-0,124	0,298
CHR5	8125646	CHR5:8125646	SSF x LoA	-7,203	0,074	0,291
CHR5	8128600	CHR5:8128600	SSF x LoA	-9,527	-0,016	0,292
CHR5	8128673	CHR5:8128673	SSF x LoA	-10,076	0,003	0,293
CHR5	8128680	CHR5:8128680	SSF x LoA	-10,686	-0,090	0,274
CHR5	8128688	CHR5:8128688	SSF x LoA	-10,076	0,032	0,290
CHR5	8130933	CHR5:8130933	SSF x LoA	-8,218	-0,014	0,286
CHR5	8131030	CHR5:8131030	SSF x LoA	-7,591	-0,103	0,291
CHR5	8143356	CHR5:8143356	SSF x LoA	-9,363	-0,048	0,296
CHR5	8157364	CHR5:8157364	SSF x LoA	-9,684	-0,036	0,273
CHR5	8157368	CHR5:8157368	SSF x LoA	-7,487	-0,095	0,280
CHR5	8157370	CHR5:8157370	SSF x LoA	-6,773	-0,054	0,289
CHR5	8157372	CHR5:8157372	SSF x LoA	-9,461	-0,035	0,281
CHR5	8161353	CHR5:8161353	SSF x LoA	-2,843	-0,136	0,273
CHR5	8161391	CHR5:8161391	SSF x LoA	-8,003	0,082	0,298
CHR5	8161608	CHR5:8161608	SSF x LoA	-11,211	-0,047	0,282
CHR5	8161676	CHR5:8161676	SSF x LoA	-11,064	-0,036	0,290
CHR5	8172307	CHR5:8172307	SSF x LoA	-8,236	0,012	0,285
CHR5	8172329	CHR5:8172329	SSF x LoA	-9,090	0,076	0,290
CHR5	8172355	CHR5:8172355	SSF x LoA	-9,576	0,012	0,291
CHR5	8172358	CHR5:8172358	SSF x LoA	-9,496	0,083	0,304

CHR5	8172363	CHR5:8172363	SSF x LoA	-9,657	-0,012	0,272
CHR5	8172394	CHR5:8172394	SSF x LoA	-7,624	0,105	0,289
CHR5	8218410	CHR5:8218410	SSF x LoA	-7,193	0,123	0,266
CHR5	8218839	CHR5:8218839	SSF x LoA	-7,562	-0,017	0,296
CHR5	8221331	CHR5:8221331	SSF x LoA	-8,614	0,038	0,263
CHR5	8226012	CHR5:8226012	SSF x LoA	-8,530	0,098	0,268
CHR5	8226015	CHR5:8226015	SSF x LoA	-6,585	0,084	0,279
CHR5	8226024	CHR5:8226024	SSF x LoA	-7,346	0,103	0,292
CHR5	8226043	CHR5:8226043	SSF x LoA	-7,254	0,105	0,281
CHR5	8226058	CHR5:8226058	SSF x LoA	-7,892	-0,122	0,278
CHR5	8226115	CHR5:8226115	SSF x LoA	-8,112	-0,061	0,298
CHR5	8228663	CHR5:8228663	SSF x LoA	-10,966	0,023	0,292
CHR5	8228730	CHR5:8228730	SSF x LoA	-8,004	0,114	0,298
CHR5	8228805	CHR5:8228805	SSF x LoA	-4,030	-0,032	0,273
CHR5	8234757	CHR5:8234757	SSF x LoA	-8,774	0,058	0,300
CHR5	8234764	CHR5:8234764	SSF x LoA	-5,903	0,113	0,288
CHR5	8236517	CHR5:8236517	SSF x LoA	-1,980	0,250	0,285
CHR5	824374	CHR5:824374	SSF x LoA	-7,912	0,003	0,282
CHR5	824435	CHR5:824435	SSF x LoA	-4,621	-0,081	0,282
CHR5	8246669	CHR5:8246669	SSF x LoA	-9,670	0,038	0,290
CHR5	8246671	CHR5:8246671	SSF x LoA	-7,849	0,122	0,280
CHR5	8246764	CHR5:8246764	SSF x LoA	-10,738	-0,018	0,295
CHR5	8246767	CHR5:8246767	SSF x LoA	-11,302	-0,028	0,292
CHR5	8246870	CHR5:8246870	SSF x LoA	-7,732	-0,161	0,276
CHR5	8246987	CHR5:8246987	SSF x LoA	-9,084	0,144	0,300
CHR5	8250432	CHR5:8250432	SSF x LoA	-7,286	-0,021	0,286
CHR5	8250498	CHR5:8250498	SSF x LoA	-9,174	-0,010	0,283
CHR5	8250870	CHR5:8250870	SSF x LoA	-6,460	0,014	0,294
CHR5	8250949	CHR5:8250949	SSF x LoA	-5,863	0,167	0,282
CHR5	8250959	CHR5:8250959	SSF x LoA	-9,515	0,087	0,297
CHR5	8250967	CHR5:8250967	SSF x LoA	-6,130	-0,074	0,285
CHR5	8250981	CHR5:8250981	SSF x LoA	-7,673	-0,069	0,289
CHR5	8251009	CHR5:8251009	SSF x LoA	-7,277	-0,040	0,284
CHR5	8251026	CHR5:8251026	SSF x LoA	-9,816	-0,061	0,283
CHR5	8251032	CHR5:8251032	SSF x LoA	-10,476	-0,057	0,279
CHR5	8260529	CHR5:8260529	SSF x LoA	-6,257	-0,026	0,285
CHR5	8260567	CHR5:8260567	SSF x LoA	-8,140	0,119	0,294
CHR5	8260643	CHR5:8260643	SSF x LoA	-8,806	0,089	0,286
CHR5	8260651	CHR5:8260651	SSF x LoA	-8,576	0,060	0,291
CHR5	8263098	CHR5:8263098	SSF x LoA	-8,125	0,004	0,288
CHR5	8267857	CHR5:8267857	SSF x LoA	-7,098	-0,097	0,293
CHR5	8269812	CHR5:8269812	SSF x LoA	-7,213	-0,062	0,292
CHR5	8292433	CHR5:8292433	SSF x LoA	-8,369	-0,053	0,293
CHR5	8297499	CHR5:8297499	SSF x LoA	-9,748	-0,023	0,300
CHR5	8302177	CHR5:8302177	SSF x LoA	-7,758	-0,149	0,294
CHR5	8302194	CHR5:8302194	SSF x LoA	-10,215	0,106	0,288
CHR5	8302204	CHR5:8302204	SSF x LoA	-7,153	0,109	0,283
CHR5	8314651	CHR5:8314651	SSF x LoA	-4,733	0,007	0,298
CHR5	8314733	CHR5:8314733	SSF x LoA	-9,364	-0,015	0,292
CHR5	8314734	CHR5:8314734	SSF x LoA	-6,311	0,196	0,282
CHR5	8314760	CHR5:8314760	SSF x LoA	-10,829	-0,047	0,283
CHR5	8314889	CHR5:8314889	SSF x LoA	-5,055	0,116	0,298
CHR5	8314967	CHR5:8314967	SSF x LoA	-8,560	0,085	0,288

CHR5	8318429	CHR5:8318429	SSF x LoA	-5,127	0,183	0,294
CHR5	8318583	CHR5:8318583	SSF x LoA	-9,070	-0,106	0,292
CHR5	8318611	CHR5:8318611	SSF x LoA	-6,854	0,050	0,290
CHR5	8318641	CHR5:8318641	SSF x LoA	-10,525	-0,008	0,292
CHR5	832422	CHR5:832422	SSF x LoA	-8,965	0,059	0,277
CHR5	832582	CHR5:832582	SSF x LoA	-8,030	0,056	0,303
CHR5	8328851	CHR5:8328851	SSF x LoA	-6,007	0,151	0,297
CHR5	8328921	CHR5:8328921	SSF x LoA	-11,002	0,010	0,274
CHR5	8328936	CHR5:8328936	SSF x LoA	-8,355	-0,094	0,297
CHR5	8331013	CHR5:8331013	SSF x LoA	-5,023	0,057	0,302
CHR5	8331014	CHR5:8331014	SSF x LoA	-10,285	0,035	0,296
CHR5	8360026	CHR5:8360026	SSF x LoA	-8,293	-0,047	0,297
CHR5	8360180	CHR5:8360180	SSF x LoA	-4,278	-0,237	0,279
CHR5	8364046	CHR5:8364046	SSF x LoA	-8,254	0,047	0,282
CHR5	8364977	CHR5:8364977	SSF x LoA	-3,707	0,157	0,296
CHR5	8386904	CHR5:8386904	SSF x LoA	-8,822	0,042	0,288
CHR5	8392633	CHR5:8392633	SSF x LoA	-10,088	-0,019	0,294
CHR5	8392642	CHR5:8392642	SSF x LoA	-7,413	0,109	0,288
CHR5	8400321	CHR5:8400321	SSF x LoA	-7,776	-0,063	0,292
CHR5	8400634	CHR5:8400634	SSF x LoA	-9,307	-0,067	0,288
CHR5	8404082	CHR5:8404082	SSF x LoA	-9,143	-0,059	0,296
CHR5	8404127	CHR5:8404127	SSF x LoA	-9,970	-0,061	0,292
CHR5	8404223	CHR5:8404223	SSF x LoA	-9,597	-0,033	0,310
CHR5	8409699	CHR5:8409699	SSF x LoA	-8,612	-0,040	0,308
CHR5	8439300	CHR5:8439300	SSF x LoA	-7,422	-0,101	0,299
CHR5	8442968	CHR5:8442968	SSF x LoA	-9,668	-0,026	0,288
CHR5	8443055	CHR5:8443055	SSF x LoA	-5,406	-0,101	0,287
CHR5	8445488	CHR5:8445488	SSF x LoA	-8,599	-0,008	0,294
CHR5	8445505	CHR5:8445505	SSF x LoA	-7,776	-0,005	0,296
CHR5	8445521	CHR5:8445521	SSF x LoA	-7,055	-0,002	0,300
CHR5	8445582	CHR5:8445582	SSF x LoA	-7,640	-0,032	0,304
CHR5	8445642	CHR5:8445642	SSF x LoA	-5,303	0,168	0,290
CHR5	8445646	CHR5:8445646	SSF x LoA	-8,726	0,016	0,294
CHR5	846128	CHR5:846128	SSF x LoA	-10,485	-0,019	0,281
CHR5	846284	CHR5:846284	SSF x LoA	-7,218	0,057	0,291
CHR5	8464546	CHR5:8464546	SSF x LoA	-9,070	0,025	0,290
CHR5	8464588	CHR5:8464588	SSF x LoA	-5,669	-0,095	0,288
CHR5	8464604	CHR5:8464604	SSF x LoA	-8,365	0,036	0,298
CHR5	8464762	CHR5:8464762	SSF x LoA	-7,747	0,049	0,277
CHR5	8464767	CHR5:8464767	SSF x LoA	-9,106	0,048	0,278
CHR5	8470716	CHR5:8470716	SSF x LoA	-9,514	0,048	0,280
CHR5	8470854	CHR5:8470854	SSF x LoA	-8,813	-0,164	0,281
CHR5	8470866	CHR5:8470866	SSF x LoA	-6,592	0,144	0,273
CHR5	8484658	CHR5:8484658	SSF x LoA	-10,909	-0,058	0,282
CHR5	8490686	CHR5:8490686	SSF x LoA	-6,724	-0,112	0,290
CHR5	8490842	CHR5:8490842	SSF x LoA	-11,002	0,047	0,297
CHR5	8492511	CHR5:8492511	SSF x LoA	-5,750	0,148	0,289
CHR5	8492533	CHR5:8492533	SSF x LoA	-9,696	0,042	0,284
CHR5	8497527	CHR5:8497527	SSF x LoA	-7,979	0,174	0,293
CHR5	8497592	CHR5:8497592	SSF x LoA	-9,072	0,166	0,292
CHR5	8511696	CHR5:8511696	SSF x LoA	-10,000	-0,013	0,297
CHR5	8511786	CHR5:8511786	SSF x LoA	-10,501	-0,032	0,302
CHR5	8511856	CHR5:8511856	SSF x LoA	-7,356	-0,137	0,284

CHR5	8511906	CHR5:8511906	SSF x LoA	-10,717	0,017	0,293
CHR5	8511911	CHR5:8511911	SSF x LoA	-9,610	-0,069	0,293
CHR5	8522824	CHR5:8522824	SSF x LoA	-7,866	-0,122	0,282
CHR5	8522855	CHR5:8522855	SSF x LoA	-7,074	-0,094	0,290
CHR5	8522882	CHR5:8522882	SSF x LoA	-8,385	0,057	0,294
CHR5	8522899	CHR5:8522899	SSF x LoA	-8,058	-0,032	0,291
CHR5	8522977	CHR5:8522977	SSF x LoA	-8,323	-0,007	0,307
CHR5	8523054	CHR5:8523054	SSF x LoA	-10,862	0,079	0,291
CHR5	8523087	CHR5:8523087	SSF x LoA	-8,649	0,023	0,278
CHR5	8544257	CHR5:8544257	SSF x LoA	-9,457	0,057	0,286
CHR5	8544270	CHR5:8544270	SSF x LoA	-9,274	0,061	0,277
CHR5	8561504	CHR5:8561504	SSF x LoA	-8,386	0,070	0,292
CHR5	8561534	CHR5:8561534	SSF x LoA	-4,414	0,149	0,290
CHR5	8561607	CHR5:8561607	SSF x LoA	-8,066	0,163	0,280
CHR5	8563666	CHR5:8563666	SSF x LoA	-8,961	0,114	0,294
CHR5	8563872	CHR5:8563872	SSF x LoA	-10,030	0,023	0,288
CHR5	8605639	CHR5:8605639	SSF x LoA	-4,895	0,102	0,288
CHR5	8605640	CHR5:8605640	SSF x LoA	-5,251	0,157	0,288
CHR5	8605667	CHR5:8605667	SSF x LoA	-11,513	-0,030	0,295
CHR5	8605738	CHR5:8605738	SSF x LoA	-9,516	0,086	0,283
CHR5	8605912	CHR5:8605912	SSF x LoA	-7,622	-0,135	0,280
CHR5	860615	CHR5:860615	SSF x LoA	-2,927	-0,049	0,309
CHR5	8635402	CHR5:8635402	SSF x LoA	-8,364	0,039	0,300
CHR5	8635422	CHR5:8635422	SSF x LoA	-7,526	0,150	0,281
CHR5	8635458	CHR5:8635458	SSF x LoA	-9,370	0,083	0,289
CHR5	8653659	CHR5:8653659	SSF x LoA	-11,392	-0,056	0,286
CHR5	8653702	CHR5:8653702	SSF x LoA	-8,112	-0,063	0,280
CHR5	8699544	CHR5:8699544	SSF x LoA	-7,295	-0,029	0,296
CHR5	8699578	CHR5:8699578	SSF x LoA	-6,922	0,142	0,273
CHR5	8699658	CHR5:8699658	SSF x LoA	-8,716	0,006	0,278
CHR5	8699679	CHR5:8699679	SSF x LoA	-8,783	-0,021	0,272
CHR5	8699694	CHR5:8699694	SSF x LoA	-7,730	0,012	0,284
CHR5	8699712	CHR5:8699712	SSF x LoA	-10,496	0,006	0,276
CHR5	8699721	CHR5:8699721	SSF x LoA	-7,733	0,008	0,289
CHR5	8699796	CHR5:8699796	SSF x LoA	-5,231	0,219	0,278
CHR5	8702919	CHR5:8702919	SSF x LoA	-10,099	0,034	0,292
CHR5	8702922	CHR5:8702922	SSF x LoA	-9,907	0,036	0,283
CHR5	8703014	CHR5:8703014	SSF x LoA	-8,251	-0,053	0,297
CHR5	8703042	CHR5:8703042	SSF x LoA	-6,920	0,047	0,301
CHR5	8703115	CHR5:8703115	SSF x LoA	-9,516	0,021	0,287
CHR5	8704722	CHR5:8704722	SSF x LoA	-10,029	0,066	0,294
CHR5	8704802	CHR5:8704802	SSF x LoA	-10,624	0,008	0,302
CHR5	8715448	CHR5:8715448	SSF x LoA	-7,888	0,204	0,278
CHR5	8715685	CHR5:8715685	SSF x LoA	-4,694	0,053	0,311
CHR5	8715691	CHR5:8715691	SSF x LoA	-8,701	0,061	0,294
CHR5	8715727	CHR5:8715727	SSF x LoA	-9,025	0,048	0,283
CHR5	8715736	CHR5:8715736	SSF x LoA	-9,474	0,085	0,292
CHR5	8715758	CHR5:8715758	SSF x LoA	-9,942	-0,105	0,293
CHR5	8715778	CHR5:8715778	SSF x LoA	-7,914	0,037	0,293
CHR5	8722482	CHR5:8722482	SSF x LoA	-9,529	0,053	0,288
CHR5	8722526	CHR5:8722526	SSF x LoA	-9,124	0,012	0,294
CHR5	8722546	CHR5:8722546	SSF x LoA	-7,794	0,001	0,291
CHR5	8722582	CHR5:8722582	SSF x LoA	-10,207	-0,052	0,303

CHR5	8730043	CHR5:8730043	SSF x LoA	-7,964	-0,039	0,298
CHR5	8730058	CHR5:8730058	SSF x LoA	-7,519	0,089	0,294
CHR5	8732715	CHR5:8732715	SSF x LoA	-7,822	-0,006	0,292
CHR5	8732738	CHR5:8732738	SSF x LoA	-4,294	-0,093	0,271
CHR5	8732792	CHR5:8732792	SSF x LoA	-7,075	0,036	0,293
CHR5	875265	CHR5:875265	SSF x LoA	-4,661	-0,189	0,277
CHR5	8779585	CHR5:8779585	SSF x LoA	-9,720	0,067	0,284
CHR5	8779630	CHR5:8779630	SSF x LoA	-6,385	0,147	0,287
CHR5	8798990	CHR5:8798990	SSF x LoA	-9,952	-0,078	0,290
CHR5	8799154	CHR5:8799154	SSF x LoA	-7,303	-0,099	0,291
CHR5	8799158	CHR5:8799158	SSF x LoA	-10,339	0,064	0,288
CHR5	8799174	CHR5:8799174	SSF x LoA	-10,172	0,111	0,296
CHR5	8799180	CHR5:8799180	SSF x LoA	-6,927	-0,099	0,281
CHR5	8799204	CHR5:8799204	SSF x LoA	-10,024	-0,103	0,288
CHR5	8799212	CHR5:8799212	SSF x LoA	-10,430	-0,087	0,288
CHR5	8799230	CHR5:8799230	SSF x LoA	-9,447	0,011	0,300
CHR5	8801888	CHR5:8801888	SSF x LoA	-7,299	0,093	0,283
CHR5	8801910	CHR5:8801910	SSF x LoA	-6,919	-0,083	0,290
CHR5	8801938	CHR5:8801938	SSF x LoA	-7,925	-0,023	0,300
CHR5	8801993	CHR5:8801993	SSF x LoA	-6,712	-0,157	0,282
CHR5	8802011	CHR5:8802011	SSF x LoA	-8,685	-0,070	0,290
CHR5	8802018	CHR5:8802018	SSF x LoA	-8,768	-0,098	0,296
CHR5	8808744	CHR5:8808744	SSF x LoA	-6,987	0,046	0,294
CHR5	8808763	CHR5:8808763	SSF x LoA	-8,289	-0,106	0,274
CHR5	8808777	CHR5:8808777	SSF x LoA	-8,685	0,025	0,296
CHR5	8808791	CHR5:8808791	SSF x LoA	-9,266	0,078	0,295
CHR5	8808807	CHR5:8808807	SSF x LoA	-8,098	-0,028	0,275
CHR5	8808831	CHR5:8808831	SSF x LoA	-5,916	-0,167	0,294
CHR5	8808842	CHR5:8808842	SSF x LoA	-10,477	-0,033	0,296
CHR5	8808876	CHR5:8808876	SSF x LoA	-5,917	-0,003	0,273
CHR5	8808887	CHR5:8808887	SSF x LoA	-10,630	0,061	0,288
CHR5	8808943	CHR5:8808943	SSF x LoA	-6,192	0,118	0,297
CHR5	8808955	CHR5:8808955	SSF x LoA	-7,398	-0,073	0,297
CHR5	8808988	CHR5:8808988	SSF x LoA	-6,954	-0,095	0,292
CHR5	8809019	CHR5:8809019	SSF x LoA	-8,431	-0,004	0,294
CHR5	8817207	CHR5:8817207	SSF x LoA	-10,219	-0,062	0,301
CHR5	8817214	CHR5:8817214	SSF x LoA	-3,309	-0,113	0,282
CHR5	8817293	CHR5:8817293	SSF x LoA	-7,016	0,152	0,285
CHR5	8817297	CHR5:8817297	SSF x LoA	-6,735	0,212	0,288
CHR5	8817388	CHR5:8817388	SSF x LoA	-9,745	-0,073	0,296
CHR5	8817390	CHR5:8817390	SSF x LoA	-10,267	0,073	0,294
CHR5	8829082	CHR5:8829082	SSF x LoA	-6,735	0,129	0,282
CHR5	8829092	CHR5:8829092	SSF x LoA	-8,707	-0,092	0,287
CHR5	8829316	CHR5:8829316	SSF x LoA	-8,535	0,058	0,311
CHR5	8829373	CHR5:8829373	SSF x LoA	-10,902	0,020	0,292
CHR5	883134	CHR5:883134	SSF x LoA	-7,778	-0,185	0,290
CHR5	8844904	CHR5:8844904	SSF x LoA	-8,343	-0,041	0,308
CHR5	8845015	CHR5:8845015	SSF x LoA	-9,309	0,120	0,269
CHR5	8845071	CHR5:8845071	SSF x LoA	-8,989	-0,086	0,287
CHR5	8848113	CHR5:8848113	SSF x LoA	-8,522	0,096	0,281
CHR5	8861310	CHR5:8861310	SSF x LoA	-10,498	0,113	0,290
CHR5	8861311	CHR5:8861311	SSF x LoA	-8,908	0,052	0,287
CHR5	8861365	CHR5:8861365	SSF x LoA	-7,541	-0,172	0,281

CHR5	8868848	CHR5:8868848	SSF x LoA	-7,182	-0,035	0,283
CHR5	8868905	CHR5:8868905	SSF x LoA	-8,638	-0,021	0,285
CHR5	8896579	CHR5:8896579	SSF x LoA	-10,044	0,089	0,296
CHR5	8919268	CHR5:8919268	SSF x LoA	-7,870	0,080	0,292
CHR5	8919328	CHR5:8919328	SSF x LoA	-7,257	0,128	0,280
CHR5	8919440	CHR5:8919440	SSF x LoA	-10,660	-0,002	0,292
CHR5	8919449	CHR5:8919449	SSF x LoA	-8,739	-0,120	0,280
CHR5	8919461	CHR5:8919461	SSF x LoA	-10,902	0,069	0,283
CHR5	8919473	CHR5:8919473	SSF x LoA	-7,382	0,123	0,288
CHR5	8919536	CHR5:8919536	SSF x LoA	-9,976	-0,106	0,287
CHR5	8922750	CHR5:8922750	SSF x LoA	-3,507	-0,162	0,279
CHR5	8937398	CHR5:8937398	SSF x LoA	-9,810	0,084	0,291
CHR5	8940041	CHR5:8940041	SSF x LoA	-9,253	-0,016	0,288
CHR5	8940069	CHR5:8940069	SSF x LoA	-7,151	0,103	0,272
CHR5	8940217	CHR5:8940217	SSF x LoA	-4,164	-0,048	0,291
CHR5	8947253	CHR5:8947253	SSF x LoA	-9,845	-0,035	0,291
CHR5	9056209	CHR5:9056209	SSF x LoA	-1,532	-0,246	0,269
CHR5	9056225	CHR5:9056225	SSF x LoA	-9,922	0,141	0,288
CHR5	909308	CHR5:909308	SSF x LoA	-9,634	0,002	0,299
CHR5	9098136	CHR5:9098136	SSF x LoA	-8,671	0,036	0,288
CHR5	9106377	CHR5:9106377	SSF x LoA	-7,134	-0,194	0,268
CHR5	9106437	CHR5:9106437	SSF x LoA	-8,312	-0,019	0,295
CHR5	9122665	CHR5:9122665	SSF x LoA	-10,401	-0,004	0,298
CHR5	9131960	CHR5:9131960	SSF x LoA	-10,501	0,007	0,285
CHR5	9140290	CHR5:9140290	SSF x LoA	-8,878	-0,069	0,291
CHR5	9161916	CHR5:9161916	SSF x LoA	-6,899	-0,070	0,288
CHR5	9162053	CHR5:9162053	SSF x LoA	-10,195	-0,061	0,288
CHR5	9162382	CHR5:9162382	SSF x LoA	-10,620	0,018	0,294
CHR5	9162495	CHR5:9162495	SSF x LoA	-9,933	0,074	0,279
CHR5	9171393	CHR5:9171393	SSF x LoA	-9,023	0,048	0,297
CHR5	9171401	CHR5:9171401	SSF x LoA	-6,816	-0,045	0,297
CHR5	9171435	CHR5:9171435	SSF x LoA	-9,792	0,011	0,291
CHR5	9202413	CHR5:9202413	SSF x LoA	-6,164	0,156	0,288
CHR5	9205516	CHR5:9205516	SSF x LoA	-7,575	-0,039	0,283
CHR5	9206858	CHR5:9206858	SSF x LoA	-9,630	0,022	0,288
CHR5	9215315	CHR5:9215315	SSF x LoA	-9,893	0,029	0,288
CHR5	9248046	CHR5:9248046	SSF x LoA	-7,467	-0,175	0,285
CHR5	9248213	CHR5:9248213	SSF x LoA	-8,088	-0,134	0,280
CHR5	9248252	CHR5:9248252	SSF x LoA	-5,285	-0,127	0,285
CHR5	9269886	CHR5:9269886	SSF x LoA	-8,038	0,016	0,297
CHR5	9269977	CHR5:9269977	SSF x LoA	-8,465	0,093	0,265
CHR5	9270015	CHR5:9270015	SSF x LoA	-6,090	0,131	0,283
CHR5	9270089	CHR5:9270089	SSF x LoA	-8,357	-0,039	0,287
CHR5	9270127	CHR5:9270127	SSF x LoA	-8,461	0,055	0,284
CHR5	9270131	CHR5:9270131	SSF x LoA	-6,772	0,112	0,278
CHR5	9275617	CHR5:9275617	SSF x LoA	-10,138	-0,068	0,289
CHR5	9275690	CHR5:9275690	SSF x LoA	-9,462	-0,068	0,287
CHR5	9275714	CHR5:9275714	SSF x LoA	-10,172	0,064	0,293
CHR5	9275801	CHR5:9275801	SSF x LoA	-6,257	-0,107	0,298
CHR5	9275826	CHR5:9275826	SSF x LoA	-8,963	-0,014	0,293
CHR5	9275831	CHR5:9275831	SSF x LoA	-7,049	-0,131	0,283
CHR5	9283066	CHR5:9283066	SSF x LoA	-8,070	-0,092	0,292
CHR5	9283071	CHR5:9283071	SSF x LoA	-5,128	0,163	0,288

CHR5	9283125	CHR5:9283125	SSF x LoA	-9,763	0,049	0,287
CHR5	9283133	CHR5:9283133	SSF x LoA	-8,431	0,086	0,264
CHR5	9301012	CHR5:9301012	SSF x LoA	-8,822	0,202	0,295
CHR5	9301187	CHR5:9301187	SSF x LoA	-9,936	0,110	0,290
CHR5	9304427	CHR5:9304427	SSF x LoA	-7,642	-0,098	0,277
CHR5	9306919	CHR5:9306919	SSF x LoA	-8,383	0,130	0,284
CHR5	9306995	CHR5:9306995	SSF x LoA	-10,368	0,025	0,290
CHR5	930946	CHR5:930946	SSF x LoA	-8,665	-0,135	0,278
CHR5	9311878	CHR5:9311878	SSF x LoA	-8,940	-0,116	0,291
CHR5	931285	CHR5:931285	SSF x LoA	-8,616	0,006	0,315
CHR5	931394	CHR5:931394	SSF x LoA	-9,555	-0,105	0,291
CHR5	9319179	CHR5:9319179	SSF x LoA	-10,267	0,048	0,290
CHR5	9319217	CHR5:9319217	SSF x LoA	-11,661	-0,055	0,285
CHR5	9319239	CHR5:9319239	SSF x LoA	-7,699	-0,058	0,291
CHR5	9319241	CHR5:9319241	SSF x LoA	-8,563	-0,026	0,298
CHR5	9319289	CHR5:9319289	SSF x LoA	-9,295	-0,010	0,294
CHR5	9319306	CHR5:9319306	SSF x LoA	-9,193	-0,029	0,294
CHR5	9319310	CHR5:9319310	SSF x LoA	-8,917	0,065	0,291
CHR5	9319808	CHR5:9319808	SSF x LoA	-10,380	-0,006	0,290
CHR5	9319881	CHR5:9319881	SSF x LoA	-9,045	-0,016	0,279
CHR5	9321117	CHR5:9321117	SSF x LoA	-10,095	-0,076	0,283
CHR5	9348166	CHR5:9348166	SSF x LoA	-6,498	0,123	0,292
CHR5	9348179	CHR5:9348179	SSF x LoA	-9,119	-0,035	0,296
CHR5	9348218	CHR5:9348218	SSF x LoA	-7,847	-0,154	0,279
CHR5	9348249	CHR5:9348249	SSF x LoA	-10,153	0,060	0,288
CHR5	9348301	CHR5:9348301	SSF x LoA	-8,951	-0,003	0,275
CHR5	9348317	CHR5:9348317	SSF x LoA	-7,732	0,028	0,287
CHR5	9348330	CHR5:9348330	SSF x LoA	-5,069	-0,052	0,288
CHR5	9348383	CHR5:9348383	SSF x LoA	-9,242	-0,026	0,281
CHR5	9348384	CHR5:9348384	SSF x LoA	-8,727	-0,062	0,287
CHR5	9356229	CHR5:9356229	SSF x LoA	-5,769	0,132	0,284
CHR5	9356261	CHR5:9356261	SSF x LoA	-8,693	0,066	0,289
CHR5	9356281	CHR5:9356281	SSF x LoA	-8,607	0,121	0,273
CHR5	9360867	CHR5:9360867	SSF x LoA	-7,062	0,050	0,297
CHR5	9376630	CHR5:9376630	SSF x LoA	-11,172	0,036	0,272
CHR5	939200	CHR5:939200	SSF x LoA	-8,425	-0,116	0,277
CHR5	9398090	CHR5:9398090	SSF x LoA	-9,599	0,071	0,282
CHR5	9398196	CHR5:9398196	SSF x LoA	-7,105	0,107	0,292
CHR5	9398275	CHR5:9398275	SSF x LoA	-8,482	-0,134	0,274
CHR5	9398375	CHR5:9398375	SSF x LoA	-9,473	0,015	0,296
CHR5	940929	CHR5:940929	SSF x LoA	-9,526	-0,018	0,288
CHR5	940955	CHR5:940955	SSF x LoA	-7,249	-0,031	0,301
CHR5	9425249	CHR5:9425249	SSF x LoA	20,516	0,160	0,292
CHR5	9434270	CHR5:9434270	SSF x LoA	-8,856	0,009	0,274
CHR5	9434306	CHR5:9434306	SSF x LoA	-10,674	0,077	0,288
CHR5	9443468	CHR5:9443468	SSF x LoA	-8,353	0,016	0,285
CHR5	9472545	CHR5:9472545	SSF x LoA	-11,138	0,110	0,276
CHR5	9472570	CHR5:9472570	SSF x LoA	-8,503	-0,013	0,297
CHR5	9473522	CHR5:9473522	SSF x LoA	-9,200	-0,119	0,283
CHR5	9478167	CHR5:9478167	SSF x LoA	-8,459	-0,104	0,279
CHR5	9478220	CHR5:9478220	SSF x LoA	-9,747	-0,114	0,277
CHR5	9478281	CHR5:9478281	SSF x LoA	-10,109	-0,080	0,298
CHR5	9496104	CHR5:9496104	SSF x LoA	-9,904	0,059	0,280

CHR5	9496405	CHR5:9496405	SSF x LoA	-10,133	0,040	0,284
CHR5	9496548	CHR5:9496548	SSF x LoA	-9,618	0,063	0,290
CHR5	9529740	CHR5:9529740	SSF x LoA	-9,741	-0,127	0,287
CHR5	9529762	CHR5:9529762	SSF x LoA	-10,087	0,092	0,294
CHR5	9530790	CHR5:9530790	SSF x LoA	-8,227	-0,073	0,305
CHR5	9530857	CHR5:9530857	SSF x LoA	-3,328	-0,082	0,297
CHR5	9530869	CHR5:9530869	SSF x LoA	-6,309	0,009	0,302
CHR5	9530871	CHR5:9530871	SSF x LoA	-7,275	0,044	0,294
CHR5	9540819	CHR5:9540819	SSF x LoA	-8,540	0,023	0,289
CHR5	9540843	CHR5:9540843	SSF x LoA	-10,105	0,111	0,289
CHR5	9540873	CHR5:9540873	SSF x LoA	-5,764	-0,107	0,274
CHR5	9540895	CHR5:9540895	SSF x LoA	-9,383	0,073	0,295
CHR5	9544339	CHR5:9544339	SSF x LoA	-9,686	-0,022	0,285
CHR5	9554865	CHR5:9554865	SSF x LoA	-10,970	0,097	0,282
CHR5	9554872	CHR5:9554872	SSF x LoA	-9,621	-0,120	0,288
CHR5	9555015	CHR5:9555015	SSF x LoA	-10,190	-0,101	0,282
CHR5	9561522	CHR5:9561522	SSF x LoA	-6,039	0,173	0,301
CHR5	9561542	CHR5:9561542	SSF x LoA	-4,220	0,088	0,298
CHR5	9561569	CHR5:9561569	SSF x LoA	-7,873	-0,107	0,281
CHR5	9561648	CHR5:9561648	SSF x LoA	-9,626	0,024	0,280
CHR5	9569193	CHR5:9569193	SSF x LoA	-9,176	0,115	0,283
CHR5	9569305	CHR5:9569305	SSF x LoA	-9,579	-0,048	0,288
CHR5	9569306	CHR5:9569306	SSF x LoA	-7,730	0,073	0,290
CHR5	959941	CHR5:959941	SSF x LoA	-6,567	0,116	0,286
CHR5	959985	CHR5:959985	SSF x LoA	-10,133	-0,110	0,282
CHR5	960014	CHR5:960014	SSF x LoA	-7,364	-0,059	0,296
CHR5	9603785	CHR5:9603785	SSF x LoA	-5,741	0,007	0,287
CHR5	9603799	CHR5:9603799	SSF x LoA	-7,644	-0,018	0,303
CHR5	9603850	CHR5:9603850	SSF x LoA	-8,599	0,163	0,281
CHR5	9603868	CHR5:9603868	SSF x LoA	-8,839	-0,073	0,262
CHR5	9603897	CHR5:9603897	SSF x LoA	-9,054	-0,069	0,272
CHR5	9604007	CHR5:9604007	SSF x LoA	-6,404	-0,032	0,283
CHR5	9606374	CHR5:9606374	SSF x LoA	-1,810	0,190	0,288
CHR5	9606459	CHR5:9606459	SSF x LoA	-9,548	0,005	0,278
CHR5	9606562	CHR5:9606562	SSF x LoA	-7,924	-0,135	0,291
CHR5	9606610	CHR5:9606610	SSF x LoA	-6,334	0,169	0,286
CHR5	9606626	CHR5:9606626	SSF x LoA	-6,098	0,175	0,291
CHR5	9622481	CHR5:9622481	SSF x LoA	-9,180	0,005	0,292
CHR5	9622529	CHR5:9622529	SSF x LoA	-8,661	-0,018	0,279
CHR5	9622603	CHR5:9622603	SSF x LoA	-9,724	0,095	0,285
CHR5	9622631	CHR5:9622631	SSF x LoA	-9,936	0,041	0,285
CHR5	9628643	CHR5:9628643	SSF x LoA	-5,729	-0,075	0,290
CHR5	9628729	CHR5:9628729	SSF x LoA	-10,179	0,013	0,300
CHR5	9628789	CHR5:9628789	SSF x LoA	-3,340	-0,122	0,300
CHR5	9631474	CHR5:9631474	SSF x LoA	-6,206	0,198	0,262
CHR5	9631523	CHR5:9631523	SSF x LoA	-9,407	-0,110	0,285
CHR5	9631542	CHR5:9631542	SSF x LoA	-6,845	0,024	0,281
CHR5	9631682	CHR5:9631682	SSF x LoA	0,422	0,188	0,268
CHR5	9635256	CHR5:9635256	SSF x LoA	-8,162	-0,114	0,289
CHR5	9635258	CHR5:9635258	SSF x LoA	-10,428	-0,105	0,283
CHR5	9635466	CHR5:9635466	SSF x LoA	-7,569	0,061	0,305
CHR5	9644847	CHR5:9644847	SSF x LoA	-8,071	-0,070	0,292
CHR5	9644858	CHR5:9644858	SSF x LoA	-8,249	-0,046	0,290

CHR5	9644898	CHR5:9644898	SSF x LoA	-11,287	0,041	0,283
CHR5	9644929	CHR5:9644929	SSF x LoA	-10,735	0,014	0,286
CHR5	9644932	CHR5:9644932	SSF x LoA	-11,279	0,015	0,292
CHR5	9644969	CHR5:9644969	SSF x LoA	-10,836	0,058	0,276
CHR5	9644976	CHR5:9644976	SSF x LoA	-10,208	0,038	0,297
CHR5	9658821	CHR5:9658821	SSF x LoA	-10,722	0,024	0,295
CHR5	9658858	CHR5:9658858	SSF x LoA	-9,234	-0,062	0,291
CHR5	9658898	CHR5:9658898	SSF x LoA	-5,211	-0,053	0,287
CHR5	9685783	CHR5:9685783	SSF x LoA	-10,201	0,075	0,287
CHR5	9685949	CHR5:9685949	SSF x LoA	-10,713	-0,043	0,288
CHR5	9691610	CHR5:9691610	SSF x LoA	-10,303	0,050	0,297
CHR5	9691682	CHR5:9691682	SSF x LoA	-9,571	0,021	0,288
CHR5	9691754	CHR5:9691754	SSF x LoA	-10,420	-0,005	0,291
CHR5	9691765	CHR5:9691765	SSF x LoA	-10,403	0,006	0,293
CHR5	9691830	CHR5:9691830	SSF x LoA	-7,804	-0,016	0,275
CHR5	9691847	CHR5:9691847	SSF x LoA	-11,479	-0,027	0,280
CHR5	9724627	CHR5:9724627	SSF x LoA	-10,220	-0,100	0,289
CHR5	9725539	CHR5:9725539	SSF x LoA	-8,586	-0,109	0,297
CHR5	9735265	CHR5:9735265	SSF x LoA	-8,358	0,065	0,292
CHR5	9735303	CHR5:9735303	SSF x LoA	-9,424	0,102	0,282
CHR5	9735355	CHR5:9735355	SSF x LoA	-10,200	0,036	0,278
CHR5	9757436	CHR5:9757436	SSF x LoA	-4,839	-0,125	0,293
CHR5	9768137	CHR5:9768137	SSF x LoA	-7,516	0,148	0,290
CHR5	977584	CHR5:977584	SSF x LoA	-9,469	-0,030	0,287
CHR5	9781541	CHR5:9781541	SSF x LoA	-9,582	-0,078	0,274
CHR5	9781589	CHR5:9781589	SSF x LoA	-8,055	-0,070	0,296
CHR5	9781655	CHR5:9781655	SSF x LoA	-9,105	-0,041	0,287
CHR5	9787012	CHR5:9787012	SSF x LoA	-9,208	0,008	0,284
CHR5	9787048	CHR5:9787048	SSF x LoA	-7,106	0,031	0,294
CHR5	9787924	CHR5:9787924	SSF x LoA	-7,096	-0,015	0,310
CHR5	9788896	CHR5:9788896	SSF x LoA	-6,929	-0,137	0,288
CHR5	9791735	CHR5:9791735	SSF x LoA	-9,066	0,005	0,294
CHR5	9791741	CHR5:9791741	SSF x LoA	-8,973	-0,023	0,299
CHR5	9794229	CHR5:9794229	SSF x LoA	-8,850	-0,005	0,296
CHR5	9794339	CHR5:9794339	SSF x LoA	-9,962	0,121	0,284
CHR5	9794341	CHR5:9794341	SSF x LoA	-7,724	0,115	0,287
CHR5	9794564	CHR5:9794564	SSF x LoA	-7,715	-0,085	0,298
CHR5	9820987	CHR5:9820987	SSF x LoA	-7,805	-0,001	0,286
CHR5	9820996	CHR5:9820996	SSF x LoA	-7,371	0,036	0,284
CHR5	987162	CHR5:987162	SSF x LoA	-8,501	0,031	0,254
CHR5	987204	CHR5:987204	SSF x LoA	-8,856	0,020	0,288
CHR5	987255	CHR5:987255	SSF x LoA	-7,954	-0,119	0,271
CHR5	987289	CHR5:987289	SSF x LoA	-10,618	0,015	0,301
CHR5	9936067	CHR5:9936067	SSF x LoA	-9,494	-0,008	0,300
CHR5	9936072	CHR5:9936072	SSF x LoA	-9,324	0,006	0,285
CHR5	9936074	CHR5:9936074	SSF x LoA	-8,131	-0,116	0,298
CHR5	9936112	CHR5:9936112	SSF x LoA	-9,700	0,043	0,290
CHR5	9942236	CHR5:9942236	SSF x LoA	-7,661	0,134	0,287
CHR5	9949943	CHR5:9949943	SSF x LoA	-7,943	0,062	0,303
CHR5	9966608	CHR5:9966608	SSF x LoA	-10,497	0,003	0,276
CHR5	9966674	CHR5:9966674	SSF x LoA	-7,501	0,062	0,282
CHR5	9966676	CHR5:9966676	SSF x LoA	-8,471	0,075	0,278
CHR5	9966685	CHR5:9966685	SSF x LoA	-8,579	0,037	0,285

CHR5	9967031	CHR5:9967031	SSF x LoA	-11,015	0,059	0,289
CHR5	9990823	CHR5:9990823	SSF x LoA	-8,113	-0,077	0,293
CHR5	9991209	CHR5:9991209	SSF x LoA	-7,736	-0,112	0,301
CHR5	9991210	CHR5:9991210	SSF x LoA	-10,639	-0,127	0,296
CHR6	1E+07	CHR6:10002914	SSF x LoA	-10,429	0,046	0,296
CHR6	1E+07	CHR6:10002929	SSF x LoA	-7,912	-0,139	0,281
CHR6	1E+07	CHR6:10002994	SSF x LoA	-6,451	-0,138	0,304
CHR6	1E+07	CHR6:10007443	SSF x LoA	-10,297	0,036	0,293
CHR6	1E+07	CHR6:10007459	SSF x LoA	-11,448	0,057	0,282
CHR6	1E+07	CHR6:10007461	SSF x LoA	-11,129	0,046	0,285
CHR6	1E+07	CHR6:10007485	SSF x LoA	-10,764	0,037	0,285
CHR6	1E+07	CHR6:10007499	SSF x LoA	-10,428	-0,018	0,293
CHR6	1E+07	CHR6:10018796	SSF x LoA	-8,989	-0,077	0,307
CHR6	1E+07	CHR6:10018802	SSF x LoA	-7,214	0,070	0,296
CHR6	1E+07	CHR6:10018818	SSF x LoA	-9,172	-0,051	0,301
CHR6	1E+07	CHR6:10019087	SSF x LoA	-8,512	-0,039	0,281
CHR6	1E+07	CHR6:10028718	SSF x LoA	-7,579	0,033	0,299
CHR6	1E+07	CHR6:10031719	SSF x LoA	-10,262	-0,078	0,283
CHR6	1E+07	CHR6:10031720	SSF x LoA	-8,662	-0,080	0,282
CHR6	1E+07	CHR6:10031721	SSF x LoA	-2,437	0,214	0,287
CHR6	1E+07	CHR6:10031788	SSF x LoA	-10,271	-0,043	0,291
CHR6	1E+07	CHR6:10031848	SSF x LoA	-7,422	-0,137	0,285
CHR6	1E+07	CHR6:10031960	SSF x LoA	-8,680	-0,030	0,294
CHR6	1E+07	CHR6:10048055	SSF x LoA	-11,335	-0,071	0,278
CHR6	1E+07	CHR6:10048182	SSF x LoA	-10,639	0,049	0,298
CHR6	1E+07	CHR6:10049735	SSF x LoA	-10,558	0,073	0,300
CHR6	1E+07	CHR6:10049769	SSF x LoA	-9,431	0,013	0,284
CHR6	1E+07	CHR6:10049803	SSF x LoA	-7,767	0,099	0,292
CHR6	1E+07	CHR6:10049864	SSF x LoA	-8,986	0,092	0,293
CHR6	1E+07	CHR6:10049879	SSF x LoA	-8,471	0,205	0,272
CHR6	1E+07	CHR6:10060045	SSF x LoA	-3,765	-0,032	0,282
CHR6	1E+07	CHR6:10060049	SSF x LoA	-4,802	0,102	0,300
CHR6	1E+07	CHR6:10060202	SSF x LoA	-9,678	0,112	0,289
CHR6	1E+07	CHR6:10060239	SSF x LoA	-7,346	-0,005	0,284
CHR6	1E+07	CHR6:10060410	SSF x LoA	-9,692	-0,041	0,302
CHR6	1E+07	CHR6:10072425	SSF x LoA	-5,207	-0,024	0,281
CHR6	1E+07	CHR6:10072491	SSF x LoA	-6,403	-0,091	0,287
CHR6	1E+07	CHR6:10072513	SSF x LoA	-9,849	-0,017	0,297
CHR6	1E+07	CHR6:10072538	SSF x LoA	-10,280	-0,039	0,283
CHR6	1E+07	CHR6:10072541	SSF x LoA	-10,733	-0,075	0,281
CHR6	1E+07	CHR6:10072655	SSF x LoA	-8,638	-0,131	0,272
CHR6	1E+07	CHR6:10082942	SSF x LoA	-4,694	0,181	0,299
CHR6	1E+07	CHR6:10083009	SSF x LoA	-6,231	0,007	0,302
CHR6	1E+07	CHR6:10083016	SSF x LoA	-8,964	0,024	0,296
CHR6	1E+07	CHR6:10086532	SSF x LoA	-6,928	0,117	0,290
CHR6	1E+07	CHR6:10086576	SSF x LoA	-7,171	0,096	0,299
CHR6	1E+07	CHR6:10086584	SSF x LoA	-9,854	0,056	0,286
CHR6	1E+07	CHR6:10086643	SSF x LoA	-8,554	0,006	0,285
CHR6	1E+07	CHR6:10086657	SSF x LoA	-7,944	0,017	0,287
CHR6	1E+07	CHR6:10093222	SSF x LoA	-10,996	0,047	0,283
CHR6	1E+07	CHR6:10093295	SSF x LoA	-9,925	0,018	0,284
CHR6	1E+07	CHR6:10104796	SSF x LoA	-10,597	0,057	0,291
CHR6	1E+07	CHR6:10104838	SSF x LoA	-6,044	-0,054	0,289

CHR6	1E+07	CHR6:10104871	SSF x LoA	-7,352	0,084	0,285
CHR6	1E+07	CHR6:10104950	SSF x LoA	-7,362	0,004	0,292
CHR6	1E+07	CHR6:10104964	SSF x LoA	-8,908	-0,009	0,287
CHR6	1E+07	CHR6:10104975	SSF x LoA	-8,973	0,011	0,275
CHR6	1E+07	CHR6:10104986	SSF x LoA	-9,802	-0,063	0,282
CHR6	1E+07	CHR6:10104991	SSF x LoA	-8,807	-0,021	0,279
CHR6	1E+07	CHR6:10105001	SSF x LoA	-8,850	-0,016	0,277
CHR6	1E+07	CHR6:10105007	SSF x LoA	-8,182	0,037	0,283
CHR6	1E+07	CHR6:10105028	SSF x LoA	-4,032	0,067	0,314
CHR6	1E+07	CHR6:10134655	SSF x LoA	-10,266	-0,099	0,282
CHR6	1E+07	CHR6:10134741	SSF x LoA	-9,912	-0,006	0,295
CHR6	1E+07	CHR6:10149040	SSF x LoA	-8,748	-0,150	0,295
CHR6	1E+07	CHR6:10159694	SSF x LoA	-9,076	-0,009	0,290
CHR6	1E+07	CHR6:10159743	SSF x LoA	-8,107	0,033	0,292
CHR6	1E+07	CHR6:10159791	SSF x LoA	-6,794	-0,013	0,282
CHR6	1018305	CHR6:1018305	SSF x LoA	-6,440	0,161	0,289
CHR6	1018379	CHR6:1018379	SSF x LoA	-9,582	0,050	0,280
CHR6	1018438	CHR6:1018438	SSF x LoA	-7,786	0,041	0,301
CHR6	1018552	CHR6:1018552	SSF x LoA	-7,771	0,004	0,297
CHR6	1019246	CHR6:1019246	SSF x LoA	-11,371	0,068	0,282
CHR6	1019349	CHR6:1019349	SSF x LoA	-9,223	0,039	0,304
CHR6	1E+07	CHR6:10207578	SSF x LoA	-10,092	-0,094	0,282
CHR6	1E+07	CHR6:10207626	SSF x LoA	-3,107	0,037	0,300
CHR6	1024067	CHR6:1024067	SSF x LoA	-8,545	0,030	0,289
CHR6	1024084	CHR6:1024084	SSF x LoA	-9,283	-0,008	0,283
CHR6	1024293	CHR6:1024293	SSF x LoA	-8,687	0,099	0,298
CHR6	1024395	CHR6:1024395	SSF x LoA	-7,729	-0,155	0,289
CHR6	1E+07	CHR6:10248398	SSF x LoA	-11,248	0,003	0,286
CHR6	1E+07	CHR6:10248422	SSF x LoA	-9,882	-0,030	0,296
CHR6	1E+07	CHR6:10248445	SSF x LoA	-6,197	0,133	0,275
CHR6	1E+07	CHR6:10248729	SSF x LoA	-11,631	0,053	0,285
CHR6	1E+07	CHR6:10251636	SSF x LoA	-9,907	-0,019	0,293
CHR6	1E+07	CHR6:10251638	SSF x LoA	-11,045	-0,021	0,290
CHR6	1E+07	CHR6:10256032	SSF x LoA	-10,656	0,032	0,289
CHR6	1026740	CHR6:1026740	SSF x LoA	-7,059	0,151	0,288
CHR6	1026855	CHR6:1026855	SSF x LoA	-4,493	-0,157	0,269
CHR6	1E+07	CHR6:10276804	SSF x LoA	-10,397	0,125	0,280
CHR6	1E+07	CHR6:10285253	SSF x LoA	-7,068	0,160	0,273
CHR6	1E+07	CHR6:10285282	SSF x LoA	-4,126	-0,081	0,269
CHR6	1E+07	CHR6:10285306	SSF x LoA	-8,633	-0,078	0,278
CHR6	1E+07	CHR6:10285319	SSF x LoA	-10,928	0,076	0,280
CHR6	1E+07	CHR6:10288711	SSF x LoA	-8,161	0,059	0,297
CHR6	1E+07	CHR6:10288757	SSF x LoA	-9,063	-0,005	0,300
CHR6	1E+07	CHR6:10288853	SSF x LoA	-11,005	-0,020	0,287
CHR6	1E+07	CHR6:10288873	SSF x LoA	-8,705	0,016	0,287
CHR6	1E+07	CHR6:10288903	SSF x LoA	-10,513	0,036	0,288
CHR6	1E+07	CHR6:10288906	SSF x LoA	-9,346	-0,005	0,267
CHR6	1E+07	CHR6:10296215	SSF x LoA	-8,288	0,030	0,303
CHR6	1E+07	CHR6:10296402	SSF x LoA	-7,884	0,086	0,295
CHR6	1E+07	CHR6:10303609	SSF x LoA	-10,769	-0,016	0,290
CHR6	1E+07	CHR6:10303620	SSF x LoA	-8,385	0,102	0,308
CHR6	1E+07	CHR6:10303623	SSF x LoA	-10,403	-0,032	0,303
CHR6	1E+07	CHR6:10307999	SSF x LoA	-8,324	-0,031	0,291

CHR6	1E+07	CHR6:10308028	SSF x LoA	-9,606	0,098	0,289
CHR6	1E+07	CHR6:10308032	SSF x LoA	-8,025	0,040	0,305
CHR6	1E+07	CHR6:10308086	SSF x LoA	-8,974	-0,033	0,285
CHR6	1E+07	CHR6:10308118	SSF x LoA	-8,938	-0,056	0,284
CHR6	1E+07	CHR6:10308142	SSF x LoA	-7,846	-0,065	0,302
CHR6	1E+07	CHR6:10338290	SSF x LoA	-7,463	-0,019	0,287
CHR6	1E+07	CHR6:10338347	SSF x LoA	-10,330	0,070	0,290
CHR6	1E+07	CHR6:10341078	SSF x LoA	-8,253	-0,001	0,303
CHR6	1E+07	CHR6:10366860	SSF x LoA	-9,236	-0,144	0,279
CHR6	1E+07	CHR6:10366928	SSF x LoA	-7,688	0,122	0,286
CHR6	1E+07	CHR6:10366988	SSF x LoA	-7,579	-0,133	0,280
CHR6	1E+07	CHR6:10368618	SSF x LoA	-8,884	0,008	0,283
CHR6	1E+07	CHR6:10368646	SSF x LoA	-9,330	-0,168	0,278
CHR6	1E+07	CHR6:10368656	SSF x LoA	-10,912	0,009	0,284
CHR6	1E+07	CHR6:10368707	SSF x LoA	-8,632	0,135	0,278
CHR6	1E+07	CHR6:10378018	SSF x LoA	-5,474	0,078	0,284
CHR6	1E+07	CHR6:10378129	SSF x LoA	-7,236	0,156	0,269
CHR6	1E+07	CHR6:10378216	SSF x LoA	-7,945	0,140	0,290
CHR6	1E+07	CHR6:10378225	SSF x LoA	-10,337	-0,082	0,285
CHR6	1E+07	CHR6:10378232	SSF x LoA	-6,890	0,092	0,289
CHR6	1E+07	CHR6:10378245	SSF x LoA	-7,519	0,100	0,286
CHR6	1E+07	CHR6:10378250	SSF x LoA	-8,767	-0,021	0,299
CHR6	1E+07	CHR6:10378260	SSF x LoA	-7,241	0,106	0,283
CHR6	1E+07	CHR6:10378278	SSF x LoA	-8,122	0,090	0,285
CHR6	1E+07	CHR6:10378286	SSF x LoA	-8,829	0,102	0,262
CHR6	1E+07	CHR6:10378290	SSF x LoA	-6,020	0,169	0,280
CHR6	1E+07	CHR6:10378308	SSF x LoA	-8,400	0,108	0,281
CHR6	1E+07	CHR6:10389671	SSF x LoA	-4,686	0,139	0,292
CHR6	1E+07	CHR6:10395222	SSF x LoA	-8,577	-0,055	0,290
CHR6	1E+07	CHR6:10395270	SSF x LoA	-8,653	0,005	0,275
CHR6	1E+07	CHR6:10395278	SSF x LoA	-7,186	0,017	0,298
CHR6	1E+07	CHR6:10395323	SSF x LoA	-8,161	0,033	0,303
CHR6	1E+07	CHR6:10395324	SSF x LoA	-8,883	0,005	0,281
CHR6	1E+07	CHR6:10405634	SSF x LoA	-8,240	0,017	0,288
CHR6	1E+07	CHR6:10406958	SSF x LoA	-7,555	0,046	0,300
CHR6	1E+07	CHR6:10407029	SSF x LoA	-8,770	0,003	0,283
CHR6	1E+07	CHR6:10410082	SSF x LoA	-7,548	0,044	0,283
CHR6	1E+07	CHR6:10410183	SSF x LoA	-9,021	-0,075	0,291
CHR6	1041352	CHR6:1041352	SSF x LoA	-8,188	0,010	0,299
CHR6	1041394	CHR6:1041394	SSF x LoA	-9,959	0,096	0,278
CHR6	1041470	CHR6:1041470	SSF x LoA	-5,060	0,176	0,290
CHR6	1E+07	CHR6:10422540	SSF x LoA	-8,978	0,117	0,287
CHR6	1E+07	CHR6:10422543	SSF x LoA	-7,608	0,061	0,279
CHR6	1E+07	CHR6:10422552	SSF x LoA	-8,087	-0,028	0,309
CHR6	1E+07	CHR6:10422629	SSF x LoA	-9,606	0,062	0,296
CHR6	1E+07	CHR6:10438521	SSF x LoA	-6,878	0,136	0,286
CHR6	1E+07	CHR6:10443519	SSF x LoA	-9,881	0,013	0,292
CHR6	1E+07	CHR6:10443698	SSF x LoA	-8,259	-0,010	0,293
CHR6	1E+07	CHR6:10443745	SSF x LoA	-9,556	-0,012	0,297
CHR6	1E+07	CHR6:10456597	SSF x LoA	-6,435	0,005	0,302
CHR6	1E+07	CHR6:10479580	SSF x LoA	-10,769	-0,014	0,294
CHR6	1E+07	CHR6:10482526	SSF x LoA	-7,622	-0,131	0,283
CHR6	1E+07	CHR6:10482728	SSF x LoA	-3,130	-0,212	0,266

CHR6	10505025	CHR6:10505025	SSF x LoA	-2,266	0,069	0,292
CHR6	10511427	CHR6:10511427	SSF x LoA	-7,631	-0,066	0,286
CHR6	10511431	CHR6:10511431	SSF x LoA	-8,432	-0,162	0,275
CHR6	10520555	CHR6:10520555	SSF x LoA	-7,120	0,119	0,276
CHR6	10520596	CHR6:10520596	SSF x LoA	-9,017	0,164	0,280
CHR6	10520746	CHR6:10520746	SSF x LoA	-9,949	0,000	0,297
CHR6	10520779	CHR6:10520779	SSF x LoA	5,271	-0,283	0,257
CHR6	10520861	CHR6:10520861	SSF x LoA	-9,784	0,123	0,279
CHR6	10529587	CHR6:10529587	SSF x LoA	-7,091	0,201	0,280
CHR6	10529617	CHR6:10529617	SSF x LoA	1,476	0,167	0,291
CHR6	10534171	CHR6:10534171	SSF x LoA	-8,425	0,073	0,290
CHR6	10568828	CHR6:10568828	SSF x LoA	-2,625	0,003	0,296
CHR6	10568848	CHR6:10568848	SSF x LoA	-9,607	0,070	0,293
CHR6	10568873	CHR6:10568873	SSF x LoA	-7,245	-0,065	0,284
CHR6	10569012	CHR6:10569012	SSF x LoA	-10,554	0,037	0,290
CHR6	10571744	CHR6:10571744	SSF x LoA	-8,304	-0,069	0,293
CHR6	10571820	CHR6:10571820	SSF x LoA	-7,510	-0,107	0,277
CHR6	10583264	CHR6:10583264	SSF x LoA	-8,353	-0,057	0,295
CHR6	10583498	CHR6:10583498	SSF x LoA	-4,817	0,163	0,283
CHR6	10589998	CHR6:10589998	SSF x LoA	-8,974	-0,146	0,283
CHR6	10594053	CHR6:10594053	SSF x LoA	-10,962	0,062	0,282
CHR6	10594265	CHR6:10594265	SSF x LoA	-9,215	-0,038	0,301
CHR6	10594334	CHR6:10594334	SSF x LoA	-8,052	-0,173	0,289
CHR6	10611592	CHR6:10611592	SSF x LoA	-9,218	0,081	0,276
CHR6	10611602	CHR6:10611602	SSF x LoA	-10,658	-0,029	0,283
CHR6	10611607	CHR6:10611607	SSF x LoA	-7,367	-0,038	0,285
CHR6	10611664	CHR6:10611664	SSF x LoA	-9,797	0,071	0,291
CHR6	10611668	CHR6:10611668	SSF x LoA	-10,516	-0,100	0,291
CHR6	10611691	CHR6:10611691	SSF x LoA	-8,136	-0,016	0,299
CHR6	10611692	CHR6:10611692	SSF x LoA	-8,050	-0,015	0,306
CHR6	10616912	CHR6:10616912	SSF x LoA	-8,717	0,031	0,293
CHR6	10616921	CHR6:10616921	SSF x LoA	-8,899	-0,049	0,278
CHR6	10616988	CHR6:10616988	SSF x LoA	-8,880	0,062	0,277
CHR6	10617054	CHR6:10617054	SSF x LoA	-9,211	-0,033	0,281
CHR6	10627850	CHR6:10627850	SSF x LoA	-3,810	0,234	0,287
CHR6	10639119	CHR6:10639119	SSF x LoA	-6,972	-0,008	0,285
CHR6	10639126	CHR6:10639126	SSF x LoA	0,071	0,188	0,289
CHR6	10652272	CHR6:10652272	SSF x LoA	-11,927	0,024	0,277
CHR6	10654214	CHR6:10654214	SSF x LoA	-7,650	-0,161	0,284
CHR6	10654244	CHR6:10654244	SSF x LoA	-7,967	-0,069	0,290
CHR6	10654393	CHR6:10654393	SSF x LoA	-7,893	0,144	0,277
CHR6	10674962	CHR6:10674962	SSF x LoA	-10,591	-0,039	0,292
CHR6	10675254	CHR6:10675254	SSF x LoA	-7,858	-0,094	0,278
CHR6	10746112	CHR6:10746112	SSF x LoA	-10,568	-0,056	0,301
CHR6	10758011	CHR6:10758011	SSF x LoA	-11,357	0,068	0,280
CHR6	10763088	CHR6:10763088	SSF x LoA	-6,989	0,092	0,289
CHR6	10763096	CHR6:10763096	SSF x LoA	-9,263	0,023	0,293
CHR6	10763129	CHR6:10763129	SSF x LoA	-6,722	0,028	0,290
CHR6	10765870	CHR6:10765870	SSF x LoA	-5,374	0,142	0,287
CHR6	10772148	CHR6:10772148	SSF x LoA	-9,874	0,012	0,297
CHR6	10772324	CHR6:10772324	SSF x LoA	-8,257	-0,046	0,281
CHR6	1079258	CHR6:1079258	SSF x LoA	-9,463	0,090	0,290
CHR6	1079287	CHR6:1079287	SSF x LoA	-7,640	0,014	0,299

CHR6	1079350	CHR6:1079350	SSF x LoA	-8,461	0,038	0,290
CHR6	10796464	CHR6:10796464	SSF x LoA	-8,802	0,024	0,293
CHR6	10796566	CHR6:10796566	SSF x LoA	-10,183	0,085	0,282
CHR6	10796588	CHR6:10796588	SSF x LoA	-9,000	0,017	0,289
CHR6	10796589	CHR6:10796589	SSF x LoA	-7,630	0,100	0,280
CHR6	10806543	CHR6:10806543	SSF x LoA	-9,282	0,047	0,284
CHR6	10806550	CHR6:10806550	SSF x LoA	-2,647	-0,023	0,294
CHR6	10806572	CHR6:10806572	SSF x LoA	-9,619	-0,042	0,298
CHR6	10806574	CHR6:10806574	SSF x LoA	-7,787	0,045	0,284
CHR6	10806611	CHR6:10806611	SSF x LoA	-7,861	-0,051	0,286
CHR6	10806624	CHR6:10806624	SSF x LoA	-6,954	-0,037	0,278
CHR6	10806639	CHR6:10806639	SSF x LoA	-7,458	-0,083	0,278
CHR6	10806647	CHR6:10806647	SSF x LoA	-10,124	-0,006	0,296
CHR6	10840837	CHR6:10840837	SSF x LoA	-7,973	-0,003	0,305
CHR6	10841005	CHR6:10841005	SSF x LoA	0,465	-0,138	0,275
CHR6	10841093	CHR6:10841093	SSF x LoA	-8,948	0,141	0,304
CHR6	10841099	CHR6:10841099	SSF x LoA	-8,498	0,073	0,281
CHR6	10850353	CHR6:10850353	SSF x LoA	-6,495	0,176	0,279
CHR6	10851131	CHR6:10851131	SSF x LoA	-10,370	0,038	0,283
CHR6	10853418	CHR6:10853418	SSF x LoA	-4,585	-0,116	0,290
CHR6	10860664	CHR6:10860664	SSF x LoA	-7,160	-0,171	0,271
CHR6	10860678	CHR6:10860678	SSF x LoA	-8,093	0,026	0,291
CHR6	10860709	CHR6:10860709	SSF x LoA	-9,998	0,018	0,287
CHR6	10866352	CHR6:10866352	SSF x LoA	-8,773	0,044	0,272
CHR6	10866592	CHR6:10866592	SSF x LoA	-8,663	-0,044	0,279
CHR6	10866630	CHR6:10866630	SSF x LoA	-10,546	-0,043	0,291
CHR6	10866678	CHR6:10866678	SSF x LoA	-8,813	-0,132	0,281
CHR6	10875164	CHR6:10875164	SSF x LoA	-9,440	0,020	0,265
CHR6	10875359	CHR6:10875359	SSF x LoA	-10,292	0,013	0,295
CHR6	10885632	CHR6:10885632	SSF x LoA	-10,670	0,018	0,296
CHR6	10885840	CHR6:10885840	SSF x LoA	-7,132	-0,123	0,281
CHR6	10885893	CHR6:10885893	SSF x LoA	-8,143	0,082	0,295
CHR6	10885953	CHR6:10885953	SSF x LoA	-2,815	-0,009	0,300
CHR6	10890703	CHR6:10890703	SSF x LoA	-6,832	-0,006	0,293
CHR6	10890708	CHR6:10890708	SSF x LoA	-8,949	-0,046	0,300
CHR6	10890729	CHR6:10890729	SSF x LoA	-8,015	-0,053	0,292
CHR6	10890852	CHR6:10890852	SSF x LoA	-7,898	-0,008	0,276
CHR6	10902071	CHR6:10902071	SSF x LoA	-9,943	-0,029	0,273
CHR6	10902164	CHR6:10902164	SSF x LoA	-10,466	-0,125	0,293
CHR6	10902331	CHR6:10902331	SSF x LoA	-5,981	0,045	0,284
CHR6	10902336	CHR6:10902336	SSF x LoA	-2,638	0,056	0,285
CHR6	10902364	CHR6:10902364	SSF x LoA	-8,562	0,079	0,290
CHR6	10919917	CHR6:10919917	SSF x LoA	-6,151	-0,088	0,294
CHR6	10934761	CHR6:10934761	SSF x LoA	-7,924	-0,037	0,285
CHR6	10941455	CHR6:10941455	SSF x LoA	-8,759	0,066	0,292
CHR6	1095345	CHR6:1095345	SSF x LoA	-9,557	0,049	0,296
CHR6	1095435	CHR6:1095435	SSF x LoA	-9,740	0,017	0,287
CHR6	10958671	CHR6:10958671	SSF x LoA	-7,278	0,067	0,301
CHR6	10958803	CHR6:10958803	SSF x LoA	-7,653	0,024	0,302
CHR6	10963447	CHR6:10963447	SSF x LoA	-8,239	0,020	0,293
CHR6	10963632	CHR6:10963632	SSF x LoA	-4,426	0,148	0,283
CHR6	10963652	CHR6:10963652	SSF x LoA	-7,666	0,110	0,298
CHR6	10963666	CHR6:10963666	SSF x LoA	-10,883	0,085	0,299

CHR6	10963730	CHR6:10963730	SSF x LoA	-5,726	-0,161	0,281
CHR6	10963780	CHR6:10963780	SSF x LoA	-10,443	-0,076	0,291
CHR6	1098149	CHR6:1098149	SSF x LoA	-8,978	-0,092	0,282
CHR6	1098204	CHR6:1098204	SSF x LoA	-11,507	-0,055	0,283
CHR6	10986992	CHR6:10986992	SSF x LoA	-8,680	0,049	0,287
CHR6	10987113	CHR6:10987113	SSF x LoA	-7,333	0,162	0,286
CHR6	10996636	CHR6:10996636	SSF x LoA	-9,397	-0,026	0,285
CHR6	10996647	CHR6:10996647	SSF x LoA	-9,180	-0,033	0,290
CHR6	10996692	CHR6:10996692	SSF x LoA	-5,880	0,171	0,285
CHR6	10996693	CHR6:10996693	SSF x LoA	-6,146	0,200	0,296
CHR6	11008874	CHR6:11008874	SSF x LoA	-9,008	0,073	0,298
CHR6	11013508	CHR6:11013508	SSF x LoA	-8,153	0,091	0,282
CHR6	11013589	CHR6:11013589	SSF x LoA	-8,564	-0,099	0,278
CHR6	1101963	CHR6:1101963	SSF x LoA	-5,341	0,199	0,282
CHR6	11020064	CHR6:11020064	SSF x LoA	-8,815	0,005	0,300
CHR6	11020119	CHR6:11020119	SSF x LoA	-10,123	0,107	0,287
CHR6	1102034	CHR6:1102034	SSF x LoA	-7,502	-0,155	0,280
CHR6	1102083	CHR6:1102083	SSF x LoA	-8,950	-0,061	0,279
CHR6	1102092	CHR6:1102092	SSF x LoA	-10,360	-0,012	0,287
CHR6	11047754	CHR6:11047754	SSF x LoA	-8,955	0,022	0,286
CHR6	11047795	CHR6:11047795	SSF x LoA	-9,021	-0,021	0,290
CHR6	11047832	CHR6:11047832	SSF x LoA	-6,887	0,205	0,280
CHR6	11047896	CHR6:11047896	SSF x LoA	-9,681	0,006	0,290
CHR6	11047947	CHR6:11047947	SSF x LoA	-8,270	0,032	0,293
CHR6	11047959	CHR6:11047959	SSF x LoA	-9,284	0,049	0,320
CHR6	11047982	CHR6:11047982	SSF x LoA	-9,059	0,076	0,292
CHR6	11047992	CHR6:11047992	SSF x LoA	-9,657	0,029	0,297
CHR6	11061112	CHR6:11061112	SSF x LoA	-10,652	0,030	0,286
CHR6	11061136	CHR6:11061136	SSF x LoA	-10,972	0,025	0,290
CHR6	11061152	CHR6:11061152	SSF x LoA	-8,380	-0,045	0,293
CHR6	11068491	CHR6:11068491	SSF x LoA	-8,951	-0,095	0,294
CHR6	11113078	CHR6:11113078	SSF x LoA	-7,651	0,027	0,294
CHR6	11113193	CHR6:11113193	SSF x LoA	-10,243	-0,030	0,289
CHR6	11113320	CHR6:11113320	SSF x LoA	-8,647	0,025	0,292
CHR6	11121632	CHR6:11121632	SSF x LoA	-8,409	0,040	0,293
CHR6	11121650	CHR6:11121650	SSF x LoA	-8,392	0,057	0,280
CHR6	11121769	CHR6:11121769	SSF x LoA	-6,227	0,110	0,298
CHR6	11121794	CHR6:11121794	SSF x LoA	-7,906	-0,060	0,273
CHR6	11121818	CHR6:11121818	SSF x LoA	-10,535	-0,070	0,291
CHR6	11121848	CHR6:11121848	SSF x LoA	-9,195	-0,070	0,285
CHR6	11129130	CHR6:11129130	SSF x LoA	-10,146	-0,016	0,291
CHR6	11129225	CHR6:11129225	SSF x LoA	-8,223	0,017	0,287
CHR6	11129280	CHR6:11129280	SSF x LoA	-6,831	0,167	0,288
CHR6	11132058	CHR6:11132058	SSF x LoA	-8,157	0,031	0,286
CHR6	11132064	CHR6:11132064	SSF x LoA	-11,473	-0,025	0,296
CHR6	11143372	CHR6:11143372	SSF x LoA	-8,194	-0,006	0,290
CHR6	11143573	CHR6:11143573	SSF x LoA	-9,627	-0,005	0,282
CHR6	11170320	CHR6:11170320	SSF x LoA	-5,472	0,111	0,289
CHR6	11171725	CHR6:11171725	SSF x LoA	-3,018	-0,151	0,292
CHR6	11176206	CHR6:11176206	SSF x LoA	-4,356	0,191	0,279
CHR6	11176236	CHR6:11176236	SSF x LoA	-5,409	0,187	0,276
CHR6	11176240	CHR6:11176240	SSF x LoA	-8,255	-0,121	0,265
CHR6	11178064	CHR6:11178064	SSF x LoA	-9,710	-0,057	0,281

CHR6	11180937	CHR6:11180937	SSF x LoA	-5,617	-0,076	0,310
CHR6	11181007	CHR6:11181007	SSF x LoA	-7,653	-0,036	0,289
CHR6	11185230	CHR6:11185230	SSF x LoA	-11,899	-0,069	0,281
CHR6	11185343	CHR6:11185343	SSF x LoA	-9,614	-0,037	0,291
CHR6	11185353	CHR6:11185353	SSF x LoA	-8,691	-0,099	0,282
CHR6	11185379	CHR6:11185379	SSF x LoA	-8,481	-0,044	0,292
CHR6	11188148	CHR6:11188148	SSF x LoA	-7,626	0,073	0,282
CHR6	11192662	CHR6:11192662	SSF x LoA	-11,517	0,046	0,290
CHR6	1126663	CHR6:1126663	SSF x LoA	-6,438	0,030	0,290
CHR6	1126795	CHR6:1126795	SSF x LoA	-7,033	-0,051	0,298
CHR6	1126854	CHR6:1126854	SSF x LoA	-10,209	0,085	0,291
CHR6	1128226	CHR6:1128226	SSF x LoA	-9,361	-0,090	0,283
CHR6	1128227	CHR6:1128227	SSF x LoA	-10,393	-0,080	0,274
CHR6	1130538	CHR6:1130538	SSF x LoA	-5,702	0,195	0,287
CHR6	1130639	CHR6:1130639	SSF x LoA	-6,805	0,198	0,270
CHR6	1130799	CHR6:1130799	SSF x LoA	-10,028	-0,043	0,296
CHR6	11320689	CHR6:11320689	SSF x LoA	-6,877	0,124	0,293
CHR6	11320691	CHR6:11320691	SSF x LoA	-7,780	0,106	0,291
CHR6	11324970	CHR6:11324970	SSF x LoA	-4,472	0,124	0,291
CHR6	11332447	CHR6:11332447	SSF x LoA	-5,011	0,022	0,286
CHR6	11332487	CHR6:11332487	SSF x LoA	-8,114	0,026	0,281
CHR6	11370567	CHR6:11370567	SSF x LoA	-11,403	0,034	0,292
CHR6	11370736	CHR6:11370736	SSF x LoA	-8,210	0,061	0,302
CHR6	11380885	CHR6:11380885	SSF x LoA	-8,447	0,043	0,299
CHR6	11380896	CHR6:11380896	SSF x LoA	-10,672	0,057	0,290
CHR6	11380954	CHR6:11380954	SSF x LoA	-9,203	-0,146	0,279
CHR6	11381029	CHR6:11381029	SSF x LoA	-5,738	0,158	0,283
CHR6	11381066	CHR6:11381066	SSF x LoA	-10,226	-0,053	0,271
CHR6	11381067	CHR6:11381067	SSF x LoA	-9,873	-0,011	0,282
CHR6	11381068	CHR6:11381068	SSF x LoA	-9,501	-0,017	0,292
CHR6	11381069	CHR6:11381069	SSF x LoA	-9,113	-0,012	0,288
CHR6	11381078	CHR6:11381078	SSF x LoA	-9,760	0,123	0,298
CHR6	11381088	CHR6:11381088	SSF x LoA	-6,563	-0,250	0,281
CHR6	11381092	CHR6:11381092	SSF x LoA	-2,454	-0,253	0,277
CHR6	11381104	CHR6:11381104	SSF x LoA	-8,938	0,131	0,293
CHR6	11381152	CHR6:11381152	SSF x LoA	-8,844	-0,020	0,298
CHR6	1138306	CHR6:1138306	SSF x LoA	-8,384	-0,172	0,289
CHR6	1141153	CHR6:1141153	SSF x LoA	-8,646	-0,088	0,296
CHR6	1141230	CHR6:1141230	SSF x LoA	-9,406	0,043	0,307
CHR6	1141234	CHR6:1141234	SSF x LoA	-8,346	-0,041	0,301
CHR6	1141252	CHR6:1141252	SSF x LoA	-9,909	-0,102	0,290
CHR6	11447268	CHR6:11447268	SSF x LoA	-9,753	-0,045	0,296
CHR6	11449530	CHR6:11449530	SSF x LoA	-8,889	-0,013	0,298
CHR6	11449602	CHR6:11449602	SSF x LoA	-8,204	-0,102	0,299
CHR6	11449686	CHR6:11449686	SSF x LoA	-8,781	0,075	0,298
CHR6	11454962	CHR6:11454962	SSF x LoA	-7,607	0,114	0,293
CHR6	11455002	CHR6:11455002	SSF x LoA	-3,080	-0,031	0,295
CHR6	11462753	CHR6:11462753	SSF x LoA	-7,521	-0,098	0,290
CHR6	11463096	CHR6:11463096	SSF x LoA	-10,249	-0,072	0,282
CHR6	11468421	CHR6:11468421	SSF x LoA	-10,749	0,111	0,284
CHR6	11468430	CHR6:11468430	SSF x LoA	-8,185	0,104	0,283
CHR6	11468439	CHR6:11468439	SSF x LoA	-9,988	0,054	0,282
CHR6	11471152	CHR6:11471152	SSF x LoA	-7,338	-0,145	0,274

CHR6	11471254	CHR6:11471254	SSF x LoA	-7,330	0,106	0,298
CHR6	11491667	CHR6:11491667	SSF x LoA	-3,770	0,214	0,263
CHR6	11498662	CHR6:11498662	SSF x LoA	-8,108	0,077	0,297
CHR6	11505481	CHR6:11505481	SSF x LoA	-9,033	-0,036	0,286
CHR6	11535026	CHR6:11535026	SSF x LoA	-10,658	-0,099	0,275
CHR6	11537683	CHR6:11537683	SSF x LoA	-8,542	0,021	0,302
CHR6	11537773	CHR6:11537773	SSF x LoA	-7,408	-0,039	0,302
CHR6	11537929	CHR6:11537929	SSF x LoA	-10,272	-0,004	0,290
CHR6	11544194	CHR6:11544194	SSF x LoA	-6,712	0,112	0,282
CHR6	1157850	CHR6:1157850	SSF x LoA	-10,950	0,085	0,284
CHR6	1157954	CHR6:1157954	SSF x LoA	-8,594	0,091	0,301
CHR6	11582240	CHR6:11582240	SSF x LoA	-5,678	0,033	0,286
CHR6	11582249	CHR6:11582249	SSF x LoA	-9,418	-0,042	0,286
CHR6	11583085	CHR6:11583085	SSF x LoA	-10,718	0,063	0,295
CHR6	11585807	CHR6:11585807	SSF x LoA	-10,000	-0,016	0,281
CHR6	11590485	CHR6:11590485	SSF x LoA	-6,654	-0,134	0,284
CHR6	11590513	CHR6:11590513	SSF x LoA	-11,710	-0,037	0,276
CHR6	11590530	CHR6:11590530	SSF x LoA	-7,987	-0,128	0,289
CHR6	11590543	CHR6:11590543	SSF x LoA	-6,623	-0,127	0,285
CHR6	11590562	CHR6:11590562	SSF x LoA	-8,524	-0,134	0,281
CHR6	11597386	CHR6:11597386	SSF x LoA	-10,304	0,082	0,283
CHR6	11597584	CHR6:11597584	SSF x LoA	-8,869	0,054	0,280
CHR6	11600784	CHR6:11600784	SSF x LoA	-8,363	-0,094	0,296
CHR6	11600811	CHR6:11600811	SSF x LoA	-7,127	0,160	0,287
CHR6	11601717	CHR6:11601717	SSF x LoA	-10,625	0,016	0,300
CHR6	11601738	CHR6:11601738	SSF x LoA	-7,818	0,032	0,289
CHR6	11618505	CHR6:11618505	SSF x LoA	-7,179	-0,059	0,295
CHR6	11618536	CHR6:11618536	SSF x LoA	-7,914	-0,132	0,284
CHR6	11618705	CHR6:11618705	SSF x LoA	-7,224	0,111	0,299
CHR6	11621434	CHR6:11621434	SSF x LoA	-7,231	-0,140	0,285
CHR6	11621437	CHR6:11621437	SSF x LoA	-6,186	-0,094	0,301
CHR6	11621536	CHR6:11621536	SSF x LoA	-6,169	-0,183	0,276
CHR6	11621551	CHR6:11621551	SSF x LoA	-9,574	0,006	0,298
CHR6	11654990	CHR6:11654990	SSF x LoA	-10,330	-0,007	0,296
CHR6	11655186	CHR6:11655186	SSF x LoA	-8,772	0,026	0,266
CHR6	1166712	CHR6:1166712	SSF x LoA	-8,178	-0,021	0,288
CHR6	1166862	CHR6:1166862	SSF x LoA	-8,695	-0,077	0,289
CHR6	1166911	CHR6:1166911	SSF x LoA	-7,487	-0,102	0,298
CHR6	1166916	CHR6:1166916	SSF x LoA	-6,582	0,050	0,285
CHR6	1166947	CHR6:1166947	SSF x LoA	-8,951	-0,048	0,271
CHR6	11676787	CHR6:11676787	SSF x LoA	-1,411	0,283	0,256
CHR6	11676840	CHR6:11676840	SSF x LoA	-10,373	0,021	0,276
CHR6	11676849	CHR6:11676849	SSF x LoA	-9,540	-0,050	0,290
CHR6	11679208	CHR6:11679208	SSF x LoA	-7,656	-0,037	0,296
CHR6	11679402	CHR6:11679402	SSF x LoA	-6,217	0,161	0,285
CHR6	11680261	CHR6:11680261	SSF x LoA	-9,297	0,005	0,291
CHR6	11680275	CHR6:11680275	SSF x LoA	-5,214	-0,059	0,290
CHR6	11680332	CHR6:11680332	SSF x LoA	-9,465	0,003	0,304
CHR6	11708069	CHR6:11708069	SSF x LoA	-6,677	-0,069	0,291
CHR6	11708088	CHR6:11708088	SSF x LoA	-9,080	0,080	0,306
CHR6	11720389	CHR6:11720389	SSF x LoA	-8,666	-0,140	0,290
CHR6	11720406	CHR6:11720406	SSF x LoA	-5,599	-0,129	0,292
CHR6	11720438	CHR6:11720438	SSF x LoA	-6,243	0,165	0,284

CHR6	11720443	CHR6:11720443	SSF x LoA	-9,004	0,118	0,278
CHR6	11720503	CHR6:11720503	SSF x LoA	-10,176	-0,102	0,275
CHR6	11724629	CHR6:11724629	SSF x LoA	-6,913	0,114	0,275
CHR6	11724732	CHR6:11724732	SSF x LoA	-9,404	-0,089	0,296
CHR6	11725917	CHR6:11725917	SSF x LoA	-10,542	0,036	0,288
CHR6	11725985	CHR6:11725985	SSF x LoA	-7,723	-0,032	0,285
CHR6	11728392	CHR6:11728392	SSF x LoA	-9,759	-0,057	0,287
CHR6	11728821	CHR6:11728821	SSF x LoA	-10,808	0,060	0,300
CHR6	11743061	CHR6:11743061	SSF x LoA	-9,846	-0,100	0,286
CHR6	11743074	CHR6:11743074	SSF x LoA	-8,681	0,080	0,295
CHR6	11743139	CHR6:11743139	SSF x LoA	-10,042	-0,098	0,292
CHR6	11749161	CHR6:11749161	SSF x LoA	-1,627	0,043	0,292
CHR6	11749455	CHR6:11749455	SSF x LoA	-7,778	0,019	0,290
CHR6	11749476	CHR6:11749476	SSF x LoA	-8,363	0,003	0,272
CHR6	11749477	CHR6:11749477	SSF x LoA	-8,445	0,017	0,283
CHR6	11759138	CHR6:11759138	SSF x LoA	-7,617	0,038	0,282
CHR6	11759170	CHR6:11759170	SSF x LoA	-7,279	-0,055	0,285
CHR6	11759196	CHR6:11759196	SSF x LoA	-9,753	-0,070	0,288
CHR6	11759235	CHR6:11759235	SSF x LoA	-10,227	0,039	0,295
CHR6	11759241	CHR6:11759241	SSF x LoA	-10,339	-0,069	0,298
CHR6	11759254	CHR6:11759254	SSF x LoA	-10,507	0,010	0,298
CHR6	11759277	CHR6:11759277	SSF x LoA	-7,739	-0,120	0,285
CHR6	11759293	CHR6:11759293	SSF x LoA	-9,678	-0,050	0,287
CHR6	11759379	CHR6:11759379	SSF x LoA	-10,070	0,016	0,298
CHR6	11764717	CHR6:11764717	SSF x LoA	-10,642	0,030	0,296
CHR6	11764773	CHR6:11764773	SSF x LoA	-10,080	0,072	0,286
CHR6	11777050	CHR6:11777050	SSF x LoA	-8,800	0,162	0,283
CHR6	11792273	CHR6:11792273	SSF x LoA	-7,715	0,113	0,288
CHR6	11792506	CHR6:11792506	SSF x LoA	-7,546	-0,072	0,284
CHR6	11809239	CHR6:11809239	SSF x LoA	-8,289	-0,047	0,301
CHR6	11816550	CHR6:11816550	SSF x LoA	-7,948	-0,002	0,285
CHR6	11820114	CHR6:11820114	SSF x LoA	-7,365	-0,118	0,276
CHR6	11820365	CHR6:11820365	SSF x LoA	-5,709	-0,015	0,313
CHR6	11822704	CHR6:11822704	SSF x LoA	-10,570	0,068	0,282
CHR6	11822742	CHR6:11822742	SSF x LoA	-8,553	-0,029	0,290
CHR6	11822834	CHR6:11822834	SSF x LoA	-9,467	-0,125	0,283
CHR6	11822989	CHR6:11822989	SSF x LoA	-9,303	-0,008	0,298
CHR6	11846696	CHR6:11846696	SSF x LoA	-7,845	-0,019	0,301
CHR6	11846724	CHR6:11846724	SSF x LoA	-6,845	0,009	0,277
CHR6	11846736	CHR6:11846736	SSF x LoA	-10,939	-0,063	0,292
CHR6	11846747	CHR6:11846747	SSF x LoA	-8,972	-0,031	0,303
CHR6	11846760	CHR6:11846760	SSF x LoA	-8,179	0,083	0,292
CHR6	11848469	CHR6:11848469	SSF x LoA	-8,743	-0,018	0,292
CHR6	11848545	CHR6:11848545	SSF x LoA	-8,305	0,030	0,282
CHR6	11848709	CHR6:11848709	SSF x LoA	-9,093	0,125	0,285
CHR6	11848739	CHR6:11848739	SSF x LoA	-8,834	0,097	0,290
CHR6	11854623	CHR6:11854623	SSF x LoA	-9,880	-0,011	0,280
CHR6	11855061	CHR6:11855061	SSF x LoA	-6,708	-0,095	0,291
CHR6	11857812	CHR6:11857812	SSF x LoA	-7,485	-0,120	0,290
CHR6	11858025	CHR6:11858025	SSF x LoA	-10,348	-0,042	0,286
CHR6	11871159	CHR6:11871159	SSF x LoA	-7,203	0,117	0,302
CHR6	11876109	CHR6:11876109	SSF x LoA	-7,737	0,003	0,284
CHR6	11876225	CHR6:11876225	SSF x LoA	-10,895	0,012	0,289

CHR6	11881017	CHR6:11881017	SSF x LoA	-7,330	0,167	0,281
CHR6	11881071	CHR6:11881071	SSF x LoA	-8,312	-0,086	0,301
CHR6	11900998	CHR6:11900998	SSF x LoA	-10,189	0,051	0,296
CHR6	11901169	CHR6:11901169	SSF x LoA	-7,697	-0,058	0,295
CHR6	11901175	CHR6:11901175	SSF x LoA	-10,231	0,029	0,291
CHR6	11919728	CHR6:11919728	SSF x LoA	-6,180	-0,174	0,281
CHR6	11919965	CHR6:11919965	SSF x LoA	-8,681	-0,003	0,292
CHR6	11919971	CHR6:11919971	SSF x LoA	-7,364	0,048	0,291
CHR6	11920057	CHR6:11920057	SSF x LoA	-7,956	-0,001	0,289
CHR6	11932341	CHR6:11932341	SSF x LoA	-10,620	-0,018	0,279
CHR6	11932837	CHR6:11932837	SSF x LoA	-11,033	0,007	0,287
CHR6	11936418	CHR6:11936418	SSF x LoA	-8,759	0,044	0,281
CHR6	11936518	CHR6:11936518	SSF x LoA	-11,526	-0,049	0,290
CHR6	11936556	CHR6:11936556	SSF x LoA	-2,281	0,223	0,279
CHR6	11968177	CHR6:11968177	SSF x LoA	-10,806	-0,025	0,270
CHR6	11968179	CHR6:11968179	SSF x LoA	-5,889	0,162	0,282
CHR6	11968198	CHR6:11968198	SSF x LoA	-8,170	0,169	0,278
CHR6	11968240	CHR6:11968240	SSF x LoA	-4,971	-0,148	0,288
CHR6	1197544	CHR6:1197544	SSF x LoA	-7,501	-0,095	0,292
CHR6	1197599	CHR6:1197599	SSF x LoA	-7,670	0,118	0,269
CHR6	1197842	CHR6:1197842	SSF x LoA	-7,786	0,090	0,284
CHR6	11984909	CHR6:11984909	SSF x LoA	-8,936	-0,028	0,286
CHR6	11984940	CHR6:11984940	SSF x LoA	-10,899	0,003	0,287
CHR6	12012897	CHR6:12012897	SSF x LoA	-9,009	0,034	0,283
CHR6	12025778	CHR6:12025778	SSF x LoA	-8,446	-0,109	0,292
CHR6	12027698	CHR6:12027698	SSF x LoA	-8,635	-0,143	0,287
CHR6	12027738	CHR6:12027738	SSF x LoA	-9,287	-0,018	0,310
CHR6	12027744	CHR6:12027744	SSF x LoA	-7,594	0,094	0,271
CHR6	12027762	CHR6:12027762	SSF x LoA	-8,752	0,043	0,287
CHR6	12027912	CHR6:12027912	SSF x LoA	-8,685	-0,147	0,286
CHR6	12027928	CHR6:12027928	SSF x LoA	-10,661	0,076	0,289
CHR6	12032091	CHR6:12032091	SSF x LoA	-11,377	-0,024	0,286
CHR6	12032095	CHR6:12032095	SSF x LoA	-9,954	0,022	0,296
CHR6	12041815	CHR6:12041815	SSF x LoA	-8,920	0,008	0,281
CHR6	12041834	CHR6:12041834	SSF x LoA	-8,496	0,018	0,285
CHR6	12056313	CHR6:12056313	SSF x LoA	-8,005	-0,014	0,296
CHR6	12069012	CHR6:12069012	SSF x LoA	-9,117	0,072	0,289
CHR6	12069225	CHR6:12069225	SSF x LoA	-10,174	0,016	0,293
CHR6	12069351	CHR6:12069351	SSF x LoA	-0,966	-0,084	0,278
CHR6	12075448	CHR6:12075448	SSF x LoA	-4,300	0,052	0,298
CHR6	12075594	CHR6:12075594	SSF x LoA	-8,628	-0,102	0,289
CHR6	12075674	CHR6:12075674	SSF x LoA	-9,366	0,005	0,299
CHR6	1209001	CHR6:1209001	SSF x LoA	-8,647	0,035	0,291
CHR6	1209009	CHR6:1209009	SSF x LoA	-5,606	-0,095	0,294
CHR6	1209081	CHR6:1209081	SSF x LoA	-8,803	0,041	0,296
CHR6	12091401	CHR6:12091401	SSF x LoA	-7,819	0,120	0,278
CHR6	12091455	CHR6:12091455	SSF x LoA	0,537	-0,011	0,311
CHR6	12091589	CHR6:12091589	SSF x LoA	-8,367	0,047	0,288
CHR6	1219028	CHR6:1219028	SSF x LoA	-8,469	-0,113	0,273
CHR6	12229786	CHR6:12229786	SSF x LoA	-9,262	0,092	0,289
CHR6	12229876	CHR6:12229876	SSF x LoA	-9,293	-0,073	0,268
CHR6	12229881	CHR6:12229881	SSF x LoA	-7,394	0,132	0,272
CHR6	12229894	CHR6:12229894	SSF x LoA	-3,428	0,159	0,278

CHR6	12229925	CHR6:12229925	SSF x LoA	-5,600	0,087	0,289
CHR6	12229982	CHR6:12229982	SSF x LoA	-7,562	-0,089	0,291
CHR6	12229990	CHR6:12229990	SSF x LoA	-8,071	0,125	0,289
CHR6	12254330	CHR6:12254330	SSF x LoA	-8,929	-0,003	0,296
CHR6	12254337	CHR6:12254337	SSF x LoA	-8,428	-0,032	0,295
CHR6	12254384	CHR6:12254384	SSF x LoA	-8,479	-0,037	0,285
CHR6	12260236	CHR6:12260236	SSF x LoA	-8,531	-0,098	0,298
CHR6	12287579	CHR6:12287579	SSF x LoA	-9,061	-0,014	0,300
CHR6	12287613	CHR6:12287613	SSF x LoA	-9,316	0,012	0,294
CHR6	12287642	CHR6:12287642	SSF x LoA	-10,861	-0,021	0,294
CHR6	12287717	CHR6:12287717	SSF x LoA	-9,383	0,046	0,284
CHR6	12287722	CHR6:12287722	SSF x LoA	-11,308	-0,061	0,275
CHR6	12287762	CHR6:12287762	SSF x LoA	-8,313	-0,044	0,290
CHR6	12287790	CHR6:12287790	SSF x LoA	-10,958	0,042	0,289
CHR6	1232489	CHR6:1232489	SSF x LoA	-8,257	0,008	0,284
CHR6	1232551	CHR6:1232551	SSF x LoA	-6,178	0,031	0,308
CHR6	1232619	CHR6:1232619	SSF x LoA	-7,784	0,098	0,284
CHR6	12328489	CHR6:12328489	SSF x LoA	-1,354	-0,042	0,297
CHR6	12328502	CHR6:12328502	SSF x LoA	-7,685	-0,018	0,285
CHR6	12328738	CHR6:12328738	SSF x LoA	-10,303	0,004	0,290
CHR6	12333916	CHR6:12333916	SSF x LoA	-5,490	-0,218	0,266
CHR6	12333995	CHR6:12333995	SSF x LoA	-8,680	-0,143	0,273
CHR6	12334051	CHR6:12334051	SSF x LoA	-10,494	0,034	0,295
CHR6	12335915	CHR6:12335915	SSF x LoA	-11,419	-0,037	0,283
CHR6	12336192	CHR6:12336192	SSF x LoA	-4,136	-0,043	0,287
CHR6	12343654	CHR6:12343654	SSF x LoA	-8,978	0,050	0,290
CHR6	12363377	CHR6:12363377	SSF x LoA	-7,459	0,002	0,306
CHR6	12363817	CHR6:12363817	SSF x LoA	-8,496	-0,137	0,285
CHR6	12369605	CHR6:12369605	SSF x LoA	-1,460	0,116	0,288
CHR6	12369613	CHR6:12369613	SSF x LoA	-7,909	-0,029	0,292
CHR6	12369638	CHR6:12369638	SSF x LoA	-9,003	0,049	0,271
CHR6	12376918	CHR6:12376918	SSF x LoA	-7,184	-0,070	0,299
CHR6	12377027	CHR6:12377027	SSF x LoA	-8,356	-0,010	0,301
CHR6	12377266	CHR6:12377266	SSF x LoA	-8,074	0,019	0,288
CHR6	12392897	CHR6:12392897	SSF x LoA	-7,179	-0,085	0,298
CHR6	12392899	CHR6:12392899	SSF x LoA	-11,301	-0,006	0,289
CHR6	12398969	CHR6:12398969	SSF x LoA	-2,927	-0,118	0,297
CHR6	12399035	CHR6:12399035	SSF x LoA	-8,686	-0,016	0,295
CHR6	12399986	CHR6:12399986	SSF x LoA	-6,763	0,099	0,299
CHR6	12400023	CHR6:12400023	SSF x LoA	-6,161	0,121	0,299
CHR6	12400051	CHR6:12400051	SSF x LoA	-8,664	-0,033	0,295
CHR6	12403557	CHR6:12403557	SSF x LoA	-9,114	-0,091	0,285
CHR6	12403760	CHR6:12403760	SSF x LoA	-9,591	-0,071	0,298
CHR6	12420291	CHR6:12420291	SSF x LoA	-9,417	0,009	0,287
CHR6	12420341	CHR6:12420341	SSF x LoA	-7,375	0,021	0,306
CHR6	12420393	CHR6:12420393	SSF x LoA	-8,995	0,098	0,290
CHR6	12420415	CHR6:12420415	SSF x LoA	-8,868	0,056	0,296
CHR6	12420479	CHR6:12420479	SSF x LoA	-8,583	-0,146	0,283
CHR6	12420490	CHR6:12420490	SSF x LoA	-8,576	0,009	0,289
CHR6	12423259	CHR6:12423259	SSF x LoA	-9,249	0,011	0,290
CHR6	12423319	CHR6:12423319	SSF x LoA	-8,912	0,021	0,274
CHR6	12423320	CHR6:12423320	SSF x LoA	-8,737	0,012	0,284
CHR6	12423331	CHR6:12423331	SSF x LoA	-8,818	-0,039	0,285

CHR6	12423657	CHR6:12423657	SSF x LoA	-10,390	0,040	0,301
CHR6	12427412	CHR6:12427412	SSF x LoA	-9,135	0,015	0,295
CHR6	12427418	CHR6:12427418	SSF x LoA	-6,547	-0,007	0,304
CHR6	12427456	CHR6:12427456	SSF x LoA	-6,737	0,061	0,291
CHR6	12427500	CHR6:12427500	SSF x LoA	-6,266	0,052	0,282
CHR6	12427534	CHR6:12427534	SSF x LoA	-10,293	0,005	0,288
CHR6	1245531	CHR6:1245531	SSF x LoA	-8,486	0,145	0,293
CHR6	12471141	CHR6:12471141	SSF x LoA	-8,699	0,126	0,298
CHR6	12471153	CHR6:12471153	SSF x LoA	-9,678	0,094	0,288
CHR6	12472524	CHR6:12472524	SSF x LoA	-7,716	-0,024	0,297
CHR6	12472575	CHR6:12472575	SSF x LoA	-8,150	-0,028	0,287
CHR6	12484099	CHR6:12484099	SSF x LoA	-10,781	0,047	0,290
CHR6	12503534	CHR6:12503534	SSF x LoA	-8,701	-0,125	0,296
CHR6	12513998	CHR6:12513998	SSF x LoA	-11,823	0,021	0,281
CHR6	12514003	CHR6:12514003	SSF x LoA	-8,214	-0,131	0,282
CHR6	12514068	CHR6:12514068	SSF x LoA	-6,787	-0,170	0,277
CHR6	12514096	CHR6:12514096	SSF x LoA	-6,084	-0,165	0,281
CHR6	12514462	CHR6:12514462	SSF x LoA	-9,112	-0,087	0,292
CHR6	12514604	CHR6:12514604	SSF x LoA	-11,260	0,007	0,295
CHR6	12518727	CHR6:12518727	SSF x LoA	-7,711	-0,075	0,279
CHR6	12518735	CHR6:12518735	SSF x LoA	-10,699	-0,022	0,301
CHR6	12518964	CHR6:12518964	SSF x LoA	-10,352	-0,055	0,289
CHR6	12541599	CHR6:12541599	SSF x LoA	-7,810	-0,039	0,285
CHR6	12541647	CHR6:12541647	SSF x LoA	-10,877	-0,005	0,290
CHR6	12541677	CHR6:12541677	SSF x LoA	-10,300	-0,080	0,283
CHR6	12541760	CHR6:12541760	SSF x LoA	-8,328	0,012	0,299
CHR6	12542984	CHR6:12542984	SSF x LoA	-10,801	-0,023	0,297
CHR6	12543265	CHR6:12543265	SSF x LoA	-6,142	-0,106	0,285
CHR6	12547409	CHR6:12547409	SSF x LoA	-9,390	0,040	0,277
CHR6	12562562	CHR6:12562562	SSF x LoA	-10,444	0,080	0,289
CHR6	12562647	CHR6:12562647	SSF x LoA	-8,086	-0,112	0,282
CHR6	12564409	CHR6:12564409	SSF x LoA	-10,794	0,052	0,295
CHR6	12564436	CHR6:12564436	SSF x LoA	-8,508	-0,076	0,290
CHR6	12564452	CHR6:12564452	SSF x LoA	-8,710	-0,038	0,292
CHR6	12579776	CHR6:12579776	SSF x LoA	-9,497	-0,087	0,271
CHR6	12579811	CHR6:12579811	SSF x LoA	-8,035	0,015	0,295
CHR6	12579835	CHR6:12579835	SSF x LoA	-8,352	0,034	0,288
CHR6	12580059	CHR6:12580059	SSF x LoA	-10,602	-0,023	0,305
CHR6	1259010	CHR6:1259010	SSF x LoA	-10,970	-0,025	0,273
CHR6	1259320	CHR6:1259320	SSF x LoA	-7,573	-0,031	0,282
CHR6	1259324	CHR6:1259324	SSF x LoA	-9,976	-0,007	0,274
CHR6	12601349	CHR6:12601349	SSF x LoA	-10,842	-0,118	0,279
CHR6	12601479	CHR6:12601479	SSF x LoA	-9,019	0,020	0,300
CHR6	12601530	CHR6:12601530	SSF x LoA	-1,052	0,084	0,301
CHR6	12601531	CHR6:12601531	SSF x LoA	-8,420	0,042	0,287
CHR6	12601536	CHR6:12601536	SSF x LoA	-6,957	-0,096	0,284
CHR6	12601550	CHR6:12601550	SSF x LoA	-5,513	0,130	0,288
CHR6	12604624	CHR6:12604624	SSF x LoA	-11,825	-0,054	0,285
CHR6	12604750	CHR6:12604750	SSF x LoA	-8,409	0,152	0,282
CHR6	12604815	CHR6:12604815	SSF x LoA	-10,637	0,008	0,276
CHR6	12604817	CHR6:12604817	SSF x LoA	-6,505	0,115	0,292
CHR6	12604826	CHR6:12604826	SSF x LoA	-10,101	0,013	0,286
CHR6	12616528	CHR6:12616528	SSF x LoA	-10,045	0,058	0,286

CHR6	12618511	CHR6:12618511	SSF x LoA	-10,051	-0,047	0,276
CHR6	12618608	CHR6:12618608	SSF x LoA	-8,890	-0,037	0,294
CHR6	12618609	CHR6:12618609	SSF x LoA	-7,646	0,006	0,300
CHR6	12626838	CHR6:12626838	SSF x LoA	-4,708	-0,069	0,280
CHR6	12626910	CHR6:12626910	SSF x LoA	-8,568	0,095	0,293
CHR6	12626913	CHR6:12626913	SSF x LoA	-6,063	0,101	0,297
CHR6	12626918	CHR6:12626918	SSF x LoA	-6,870	0,112	0,301
CHR6	12626955	CHR6:12626955	SSF x LoA	-7,022	0,086	0,295
CHR6	12643105	CHR6:12643105	SSF x LoA	-9,322	-0,022	0,297
CHR6	12659868	CHR6:12659868	SSF x LoA	-8,544	-0,084	0,288
CHR6	12663374	CHR6:12663374	SSF x LoA	-8,311	-0,011	0,284
CHR6	12663388	CHR6:12663388	SSF x LoA	-9,372	0,061	0,269
CHR6	12671974	CHR6:12671974	SSF x LoA	-11,223	0,000	0,282
CHR6	12699311	CHR6:12699311	SSF x LoA	-7,960	-0,073	0,293
CHR6	12699426	CHR6:12699426	SSF x LoA	1,063	-0,226	0,280
CHR6	12699473	CHR6:12699473	SSF x LoA	-9,469	-0,023	0,289
CHR6	12699602	CHR6:12699602	SSF x LoA	-5,723	-0,169	0,280
CHR6	12710843	CHR6:12710843	SSF x LoA	-7,882	0,051	0,288
CHR6	12710939	CHR6:12710939	SSF x LoA	-9,772	0,100	0,278
CHR6	12710951	CHR6:12710951	SSF x LoA	-6,427	0,135	0,293
CHR6	12711029	CHR6:12711029	SSF x LoA	-7,171	0,076	0,296
CHR6	12711109	CHR6:12711109	SSF x LoA	-7,447	0,039	0,291
CHR6	12714306	CHR6:12714306	SSF x LoA	-6,911	-0,152	0,277
CHR6	12714314	CHR6:12714314	SSF x LoA	-9,748	-0,022	0,302
CHR6	12714426	CHR6:12714426	SSF x LoA	-8,990	-0,033	0,305
CHR6	12719499	CHR6:12719499	SSF x LoA	-10,997	0,064	0,284
CHR6	12752723	CHR6:12752723	SSF x LoA	-9,184	0,023	0,292
CHR6	12752886	CHR6:12752886	SSF x LoA	0,537	-0,204	0,267
CHR6	12764692	CHR6:12764692	SSF x LoA	-8,563	-0,147	0,282
CHR6	12765729	CHR6:12765729	SSF x LoA	-10,206	-0,011	0,281
CHR6	12772421	CHR6:12772421	SSF x LoA	-8,915	-0,022	0,285
CHR6	12772496	CHR6:12772496	SSF x LoA	-6,755	-0,043	0,306
CHR6	12776925	CHR6:12776925	SSF x LoA	-7,014	-0,189	0,270
CHR6	12785008	CHR6:12785008	SSF x LoA	-8,360	0,151	0,286
CHR6	12795100	CHR6:12795100	SSF x LoA	-5,154	0,137	0,290
CHR6	12795138	CHR6:12795138	SSF x LoA	-11,342	0,051	0,284
CHR6	12795139	CHR6:12795139	SSF x LoA	-8,587	-0,062	0,279
CHR6	12808995	CHR6:12808995	SSF x LoA	-8,339	0,076	0,298
CHR6	12809033	CHR6:12809033	SSF x LoA	-5,396	-0,165	0,271
CHR6	12809040	CHR6:12809040	SSF x LoA	-10,251	-0,010	0,288
CHR6	12809098	CHR6:12809098	SSF x LoA	-6,736	0,156	0,283
CHR6	12817243	CHR6:12817243	SSF x LoA	-7,015	-0,101	0,295
CHR6	12817376	CHR6:12817376	SSF x LoA	-5,037	-0,056	0,295
CHR6	12817382	CHR6:12817382	SSF x LoA	-8,856	-0,035	0,298
CHR6	12817634	CHR6:12817634	SSF x LoA	-10,972	0,007	0,285
CHR6	12817653	CHR6:12817653	SSF x LoA	-8,957	0,070	0,298
CHR6	12831770	CHR6:12831770	SSF x LoA	-6,431	0,162	0,281
CHR6	12831872	CHR6:12831872	SSF x LoA	-9,887	0,017	0,284
CHR6	12832106	CHR6:12832106	SSF x LoA	2,538	-0,028	0,276
CHR6	12832112	CHR6:12832112	SSF x LoA	-7,749	0,128	0,293
CHR6	12832119	CHR6:12832119	SSF x LoA	-10,392	0,048	0,289
CHR6	12832140	CHR6:12832140	SSF x LoA	-7,473	0,133	0,293
CHR6	1286535	CHR6:1286535	SSF x LoA	-9,707	-0,099	0,296

CHR6	12887413	CHR6:12887413	SSF x LoA	-9,363	-0,009	0,296
CHR6	12887749	CHR6:12887749	SSF x LoA	-8,954	0,061	0,297
CHR6	12887782	CHR6:12887782	SSF x LoA	-8,217	0,067	0,291
CHR6	1289026	CHR6:1289026	SSF x LoA	-6,830	-0,223	0,261
CHR6	1289253	CHR6:1289253	SSF x LoA	-9,175	-0,052	0,290
CHR6	1289290	CHR6:1289290	SSF x LoA	-11,407	-0,005	0,294
CHR6	12892995	CHR6:12892995	SSF x LoA	-5,778	0,162	0,267
CHR6	12893068	CHR6:12893068	SSF x LoA	-9,866	0,089	0,283
CHR6	12893100	CHR6:12893100	SSF x LoA	-10,436	0,037	0,300
CHR6	12893124	CHR6:12893124	SSF x LoA	1,024	0,078	0,288
CHR6	1289339	CHR6:1289339	SSF x LoA	-5,637	-0,191	0,270
CHR6	1289342	CHR6:1289342	SSF x LoA	1,274	-0,121	0,276
CHR6	12894293	CHR6:12894293	SSF x LoA	-7,202	0,107	0,289
CHR6	12894296	CHR6:12894296	SSF x LoA	-4,738	-0,118	0,287
CHR6	12894314	CHR6:12894314	SSF x LoA	-7,443	0,113	0,279
CHR6	12894362	CHR6:12894362	SSF x LoA	-10,226	-0,019	0,283
CHR6	12894386	CHR6:12894386	SSF x LoA	-9,248	0,075	0,291
CHR6	12901592	CHR6:12901592	SSF x LoA	-7,624	0,090	0,293
CHR6	12906677	CHR6:12906677	SSF x LoA	-9,484	0,005	0,284
CHR6	12906715	CHR6:12906715	SSF x LoA	-7,733	0,119	0,292
CHR6	12910222	CHR6:12910222	SSF x LoA	-11,050	0,002	0,280
CHR6	12910261	CHR6:12910261	SSF x LoA	-10,623	0,033	0,283
CHR6	12923742	CHR6:12923742	SSF x LoA	-5,624	-0,070	0,305
CHR6	12923773	CHR6:12923773	SSF x LoA	-5,823	0,228	0,288
CHR6	12923835	CHR6:12923835	SSF x LoA	-8,110	0,102	0,285
CHR6	12923925	CHR6:12923925	SSF x LoA	-3,326	0,027	0,311
CHR6	12923942	CHR6:12923942	SSF x LoA	-3,557	0,028	0,300
CHR6	12954984	CHR6:12954984	SSF x LoA	-2,453	-0,251	0,285
CHR6	12954998	CHR6:12954998	SSF x LoA	-6,961	0,114	0,281
CHR6	12955011	CHR6:12955011	SSF x LoA	-6,828	-0,112	0,290
CHR6	12955076	CHR6:12955076	SSF x LoA	-7,292	-0,102	0,296
CHR6	12962080	CHR6:12962080	SSF x LoA	-7,806	-0,012	0,295
CHR6	12968155	CHR6:12968155	SSF x LoA	-10,297	0,045	0,297
CHR6	12968225	CHR6:12968225	SSF x LoA	-6,108	-0,113	0,287
CHR6	12968253	CHR6:12968253	SSF x LoA	-8,127	-0,026	0,284
CHR6	12968290	CHR6:12968290	SSF x LoA	-7,408	0,147	0,292
CHR6	12968325	CHR6:12968325	SSF x LoA	-10,026	0,068	0,294
CHR6	12972920	CHR6:12972920	SSF x LoA	-10,791	0,049	0,286
CHR6	12972967	CHR6:12972967	SSF x LoA	-8,150	-0,017	0,271
CHR6	12983656	CHR6:12983656	SSF x LoA	-7,974	-0,127	0,287
CHR6	12985472	CHR6:12985472	SSF x LoA	-10,984	-0,020	0,282
CHR6	12985570	CHR6:12985570	SSF x LoA	-9,298	0,131	0,283
CHR6	12985666	CHR6:12985666	SSF x LoA	-11,364	-0,067	0,288
CHR6	12992998	CHR6:12992998	SSF x LoA	-9,160	0,098	0,295
CHR6	12992999	CHR6:12992999	SSF x LoA	-7,429	0,020	0,308
CHR6	12993036	CHR6:12993036	SSF x LoA	-8,371	0,002	0,301
CHR6	12993140	CHR6:12993140	SSF x LoA	-8,986	0,113	0,281
CHR6	12997878	CHR6:12997878	SSF x LoA	-10,664	0,081	0,279
CHR6	13012514	CHR6:13012514	SSF x LoA	-10,580	0,007	0,297
CHR6	13012577	CHR6:13012577	SSF x LoA	-7,976	-0,042	0,282
CHR6	13013033	CHR6:13013033	SSF x LoA	-9,332	-0,132	0,277
CHR6	13019551	CHR6:13019551	SSF x LoA	-9,082	0,041	0,304
CHR6	13019559	CHR6:13019559	SSF x LoA	-8,549	0,061	0,289

CHR6	13019627	CHR6:13019627	SSF x LoA	-9,407	-0,021	0,294
CHR6	13019648	CHR6:13019648	SSF x LoA	-8,841	0,037	0,285
CHR6	13024390	CHR6:13024390	SSF x LoA	-9,457	-0,075	0,286
CHR6	13024448	CHR6:13024448	SSF x LoA	-10,434	-0,011	0,280
CHR6	13029750	CHR6:13029750	SSF x LoA	-8,109	-0,073	0,290
CHR6	13031087	CHR6:13031087	SSF x LoA	-7,293	-0,098	0,299
CHR6	13031141	CHR6:13031141	SSF x LoA	-10,467	-0,090	0,289
CHR6	13031166	CHR6:13031166	SSF x LoA	-4,563	-0,158	0,286
CHR6	13031192	CHR6:13031192	SSF x LoA	-11,001	0,030	0,290
CHR6	13042951	CHR6:13042951	SSF x LoA	-9,964	0,039	0,287
CHR6	13043046	CHR6:13043046	SSF x LoA	-10,562	0,073	0,283
CHR6	13047644	CHR6:13047644	SSF x LoA	-9,226	-0,062	0,278
CHR6	13056779	CHR6:13056779	SSF x LoA	-10,039	0,038	0,296
CHR6	13058247	CHR6:13058247	SSF x LoA	-5,793	0,035	0,280
CHR6	13061181	CHR6:13061181	SSF x LoA	-10,808	0,023	0,300
CHR6	13061479	CHR6:13061479	SSF x LoA	-7,739	0,103	0,301
CHR6	1307230	CHR6:1307230	SSF x LoA	-8,125	0,040	0,292
CHR6	13076643	CHR6:13076643	SSF x LoA	-2,586	0,257	0,283
CHR6	13084277	CHR6:13084277	SSF x LoA	-7,400	0,064	0,291
CHR6	13084323	CHR6:13084323	SSF x LoA	-8,291	-0,122	0,277
CHR6	13084358	CHR6:13084358	SSF x LoA	-7,394	0,006	0,292
CHR6	13084384	CHR6:13084384	SSF x LoA	-8,352	0,059	0,289
CHR6	13095752	CHR6:13095752	SSF x LoA	-8,625	-0,039	0,304
CHR6	13095816	CHR6:13095816	SSF x LoA	-8,918	0,031	0,278
CHR6	13095968	CHR6:13095968	SSF x LoA	-10,723	0,086	0,290
CHR6	13104443	CHR6:13104443	SSF x LoA	-6,716	-0,215	0,270
CHR6	13104483	CHR6:13104483	SSF x LoA	-8,980	-0,151	0,290
CHR6	13104484	CHR6:13104484	SSF x LoA	-0,117	-0,203	0,276
CHR6	13104517	CHR6:13104517	SSF x LoA	-8,727	-0,140	0,280
CHR6	13104661	CHR6:13104661	SSF x LoA	-9,287	0,067	0,292
CHR6	13122516	CHR6:13122516	SSF x LoA	-4,364	-0,186	0,291
CHR6	13122563	CHR6:13122563	SSF x LoA	-8,500	-0,019	0,302
CHR6	13127185	CHR6:13127185	SSF x LoA	-6,342	-0,103	0,284
CHR6	13127305	CHR6:13127305	SSF x LoA	-9,907	-0,069	0,286
CHR6	13127429	CHR6:13127429	SSF x LoA	-9,884	0,092	0,275
CHR6	13128520	CHR6:13128520	SSF x LoA	-3,702	0,195	0,290
CHR6	13128634	CHR6:13128634	SSF x LoA	-10,199	0,026	0,286
CHR6	13128643	CHR6:13128643	SSF x LoA	-7,626	0,097	0,294
CHR6	13128713	CHR6:13128713	SSF x LoA	-5,574	0,146	0,290
CHR6	13134763	CHR6:13134763	SSF x LoA	-8,898	0,047	0,304
CHR6	13134819	CHR6:13134819	SSF x LoA	-8,497	0,024	0,289
CHR6	13134863	CHR6:13134863	SSF x LoA	-8,491	0,002	0,289
CHR6	13134879	CHR6:13134879	SSF x LoA	-11,303	0,061	0,286
CHR6	13134927	CHR6:13134927	SSF x LoA	-8,213	0,117	0,296
CHR6	13134985	CHR6:13134985	SSF x LoA	-7,345	0,079	0,287
CHR6	13135049	CHR6:13135049	SSF x LoA	-9,184	0,084	0,292
CHR6	13146600	CHR6:13146600	SSF x LoA	-9,083	0,003	0,293
CHR6	13146621	CHR6:13146621	SSF x LoA	-10,560	0,004	0,278
CHR6	1315893	CHR6:1315893	SSF x LoA	-9,119	0,017	0,294
CHR6	1316071	CHR6:1316071	SSF x LoA	-10,289	-0,006	0,289
CHR6	13171585	CHR6:13171585	SSF x LoA	-10,068	0,039	0,287
CHR6	13171606	CHR6:13171606	SSF x LoA	-1,706	-0,193	0,280
CHR6	13171608	CHR6:13171608	SSF x LoA	-7,575	-0,167	0,270

CHR6	13171609	CHR6:13171609	SSF x LoA	-6,561	-0,179	0,270
CHR6	13187969	CHR6:13187969	SSF x LoA	-4,135	-0,237	0,256
CHR6	13187998	CHR6:13187998	SSF x LoA	-8,408	-0,182	0,256
CHR6	13188147	CHR6:13188147	SSF x LoA	-6,800	-0,152	0,289
CHR6	13188174	CHR6:13188174	SSF x LoA	-10,473	-0,122	0,283
CHR6	13190665	CHR6:13190665	SSF x LoA	-10,393	-0,031	0,283
CHR6	13190704	CHR6:13190704	SSF x LoA	-8,672	0,120	0,302
CHR6	13190954	CHR6:13190954	SSF x LoA	-6,442	0,033	0,299
CHR6	13203879	CHR6:13203879	SSF x LoA	-10,079	-0,015	0,300
CHR6	13203942	CHR6:13203942	SSF x LoA	-9,777	0,081	0,288
CHR6	13204018	CHR6:13204018	SSF x LoA	-8,398	0,008	0,270
CHR6	13204049	CHR6:13204049	SSF x LoA	-6,367	-0,121	0,302
CHR6	13204069	CHR6:13204069	SSF x LoA	-5,473	0,181	0,283
CHR6	13204108	CHR6:13204108	SSF x LoA	-9,506	-0,007	0,285
CHR6	13228882	CHR6:13228882	SSF x LoA	-9,442	-0,047	0,286
CHR6	13228948	CHR6:13228948	SSF x LoA	-8,548	0,026	0,293
CHR6	13230837	CHR6:13230837	SSF x LoA	-9,683	-0,001	0,286
CHR6	13258108	CHR6:13258108	SSF x LoA	-8,326	-0,119	0,289
CHR6	13258248	CHR6:13258248	SSF x LoA	-10,373	-0,003	0,297
CHR6	13260656	CHR6:13260656	SSF x LoA	-7,351	-0,033	0,281
CHR6	13260783	CHR6:13260783	SSF x LoA	-10,180	0,030	0,282
CHR6	13260920	CHR6:13260920	SSF x LoA	-9,458	-0,066	0,300
CHR6	13260936	CHR6:13260936	SSF x LoA	-10,608	0,006	0,280
CHR6	13272777	CHR6:13272777	SSF x LoA	-4,789	0,040	0,295
CHR6	13272781	CHR6:13272781	SSF x LoA	-7,132	0,163	0,283
CHR6	13272897	CHR6:13272897	SSF x LoA	-8,284	-0,191	0,268
CHR6	13274495	CHR6:13274495	SSF x LoA	-8,554	-0,030	0,291
CHR6	13296596	CHR6:13296596	SSF x LoA	-9,303	-0,003	0,303
CHR6	13296610	CHR6:13296610	SSF x LoA	-10,520	-0,002	0,290
CHR6	13296612	CHR6:13296612	SSF x LoA	-10,483	-0,001	0,297
CHR6	13340323	CHR6:13340323	SSF x LoA	-9,854	0,087	0,299
CHR6	13340503	CHR6:13340503	SSF x LoA	-10,960	-0,107	0,280
CHR6	13345932	CHR6:13345932	SSF x LoA	-9,080	-0,067	0,287
CHR6	13348391	CHR6:13348391	SSF x LoA	-8,352	-0,019	0,289
CHR6	13348430	CHR6:13348430	SSF x LoA	-10,563	0,002	0,290
CHR6	13348450	CHR6:13348450	SSF x LoA	-7,099	-0,051	0,289
CHR6	13348462	CHR6:13348462	SSF x LoA	-5,863	-0,164	0,286
CHR6	13363008	CHR6:13363008	SSF x LoA	-4,732	0,219	0,270
CHR6	13363011	CHR6:13363011	SSF x LoA	-8,110	0,062	0,294
CHR6	13363082	CHR6:13363082	SSF x LoA	-8,489	-0,092	0,299
CHR6	13400712	CHR6:13400712	SSF x LoA	-10,057	-0,035	0,297
CHR6	13425530	CHR6:13425530	SSF x LoA	-4,029	0,168	0,291
CHR6	13425708	CHR6:13425708	SSF x LoA	-6,933	-0,112	0,291
CHR6	13425762	CHR6:13425762	SSF x LoA	-10,012	-0,095	0,306
CHR6	13433942	CHR6:13433942	SSF x LoA	-9,306	0,005	0,312
CHR6	13434043	CHR6:13434043	SSF x LoA	-9,141	0,007	0,302
CHR6	13434046	CHR6:13434046	SSF x LoA	-8,885	0,026	0,295
CHR6	13434079	CHR6:13434079	SSF x LoA	-10,664	0,006	0,284
CHR6	13434128	CHR6:13434128	SSF x LoA	-7,493	0,096	0,309
CHR6	13434194	CHR6:13434194	SSF x LoA	-8,361	-0,114	0,303
CHR6	1343835	CHR6:1343835	SSF x LoA	-7,997	0,043	0,296
CHR6	1344181	CHR6:1344181	SSF x LoA	-8,657	0,042	0,288
CHR6	1344194	CHR6:1344194	SSF x LoA	-10,814	0,096	0,267

CHR6	13472964	CHR6:13472964	SSF x LoA	-5,925	-0,070	0,288
CHR6	13489690	CHR6:13489690	SSF x LoA	-10,753	-0,088	0,277
CHR6	13508515	CHR6:13508515	SSF x LoA	-8,545	0,065	0,300
CHR6	13522116	CHR6:13522116	SSF x LoA	-7,134	-0,053	0,301
CHR6	13522158	CHR6:13522158	SSF x LoA	-8,658	0,043	0,292
CHR6	13522163	CHR6:13522163	SSF x LoA	-9,519	-0,013	0,298
CHR6	13522213	CHR6:13522213	SSF x LoA	-10,831	0,030	0,292
CHR6	13522279	CHR6:13522279	SSF x LoA	-9,242	-0,064	0,297
CHR6	13532438	CHR6:13532438	SSF x LoA	-10,498	0,034	0,297
CHR6	13532446	CHR6:13532446	SSF x LoA	-6,972	-0,026	0,287
CHR6	13532480	CHR6:13532480	SSF x LoA	-4,888	-0,039	0,291
CHR6	13532534	CHR6:13532534	SSF x LoA	-11,055	-0,095	0,276
CHR6	13532682	CHR6:13532682	SSF x LoA	-9,891	-0,094	0,296
CHR6	13536340	CHR6:13536340	SSF x LoA	-1,087	-0,201	0,289
CHR6	13536576	CHR6:13536576	SSF x LoA	-9,600	0,105	0,273
CHR6	13536589	CHR6:13536589	SSF x LoA	-7,943	-0,015	0,290
CHR6	1353825	CHR6:1353825	SSF x LoA	-7,119	0,147	0,287
CHR6	1353840	CHR6:1353840	SSF x LoA	-7,964	-0,069	0,285
CHR6	1353955	CHR6:1353955	SSF x LoA	-6,755	-0,052	0,299
CHR6	1354586	CHR6:1354586	SSF x LoA	-4,068	-0,107	0,271
CHR6	13546919	CHR6:13546919	SSF x LoA	-7,723	-0,077	0,282
CHR6	13546977	CHR6:13546977	SSF x LoA	-10,205	0,005	0,292
CHR6	13547213	CHR6:13547213	SSF x LoA	-9,917	0,031	0,299
CHR6	13547235	CHR6:13547235	SSF x LoA	-5,701	0,014	0,300
CHR6	13574440	CHR6:13574440	SSF x LoA	-10,913	-0,055	0,280
CHR6	13581257	CHR6:13581257	SSF x LoA	-8,044	-0,016	0,275
CHR6	13581277	CHR6:13581277	SSF x LoA	-8,775	0,007	0,284
CHR6	13581287	CHR6:13581287	SSF x LoA	-7,994	0,047	0,279
CHR6	13581312	CHR6:13581312	SSF x LoA	-11,458	0,008	0,287
CHR6	13581346	CHR6:13581346	SSF x LoA	-7,766	0,094	0,278
CHR6	13587342	CHR6:13587342	SSF x LoA	-7,008	0,152	0,280
CHR6	13587402	CHR6:13587402	SSF x LoA	-8,475	0,016	0,285
CHR6	13601560	CHR6:13601560	SSF x LoA	-7,081	-0,088	0,295
CHR6	13606948	CHR6:13606948	SSF x LoA	-10,259	-0,097	0,281
CHR6	13606988	CHR6:13606988	SSF x LoA	-8,961	-0,006	0,285
CHR6	13606996	CHR6:13606996	SSF x LoA	-3,866	-0,120	0,280
CHR6	13607091	CHR6:13607091	SSF x LoA	-8,593	-0,016	0,304
CHR6	13607134	CHR6:13607134	SSF x LoA	-10,992	0,082	0,284
CHR6	13607151	CHR6:13607151	SSF x LoA	-10,301	0,009	0,289
CHR6	13607162	CHR6:13607162	SSF x LoA	-7,631	0,148	0,275
CHR6	13631943	CHR6:13631943	SSF x LoA	-10,271	0,052	0,271
CHR6	13631956	CHR6:13631956	SSF x LoA	-10,720	-0,033	0,278
CHR6	13631978	CHR6:13631978	SSF x LoA	-8,804	-0,005	0,279
CHR6	13632116	CHR6:13632116	SSF x LoA	-9,011	-0,101	0,284
CHR6	13635101	CHR6:13635101	SSF x LoA	-8,359	-0,052	0,298
CHR6	13635153	CHR6:13635153	SSF x LoA	-8,861	0,037	0,289
CHR6	13635189	CHR6:13635189	SSF x LoA	-9,394	0,025	0,281
CHR6	13635265	CHR6:13635265	SSF x LoA	-8,220	-0,001	0,307
CHR6	13635304	CHR6:13635304	SSF x LoA	-6,967	0,029	0,281
CHR6	13644123	CHR6:13644123	SSF x LoA	-9,731	-0,110	0,276
CHR6	13644248	CHR6:13644248	SSF x LoA	-8,457	-0,007	0,295
CHR6	13644258	CHR6:13644258	SSF x LoA	-7,992	-0,089	0,295
CHR6	13644281	CHR6:13644281	SSF x LoA	-6,825	-0,197	0,279

CHR6	13662307	CHR6:13662307	SSF x LoA	-7,716	0,133	0,284
CHR6	13662434	CHR6:13662434	SSF x LoA	-9,932	-0,024	0,290
CHR6	13662552	CHR6:13662552	SSF x LoA	-11,010	0,024	0,305
CHR6	13688546	CHR6:13688546	SSF x LoA	-4,635	-0,069	0,298
CHR6	13690410	CHR6:13690410	SSF x LoA	-9,513	0,112	0,300
CHR6	13690487	CHR6:13690487	SSF x LoA	-7,819	0,082	0,291
CHR6	13690517	CHR6:13690517	SSF x LoA	-11,366	0,034	0,269
CHR6	13690649	CHR6:13690649	SSF x LoA	-9,386	0,022	0,287
CHR6	13690683	CHR6:13690683	SSF x LoA	-7,888	0,095	0,286
CHR6	13690688	CHR6:13690688	SSF x LoA	-10,083	-0,044	0,289
CHR6	13690692	CHR6:13690692	SSF x LoA	-9,238	0,053	0,293
CHR6	13690708	CHR6:13690708	SSF x LoA	-1,586	-0,175	0,284
CHR6	13706884	CHR6:13706884	SSF x LoA	-7,377	0,129	0,297
CHR6	13706910	CHR6:13706910	SSF x LoA	-8,114	-0,091	0,291
CHR6	13706987	CHR6:13706987	SSF x LoA	-7,454	0,144	0,286
CHR6	13707073	CHR6:13707073	SSF x LoA	-10,492	-0,072	0,285
CHR6	13719798	CHR6:13719798	SSF x LoA	-11,270	-0,054	0,278
CHR6	13719840	CHR6:13719840	SSF x LoA	-7,403	0,062	0,278
CHR6	13719901	CHR6:13719901	SSF x LoA	-7,096	-0,061	0,291
CHR6	13736436	CHR6:13736436	SSF x LoA	-10,234	0,020	0,286
CHR6	13736558	CHR6:13736558	SSF x LoA	-9,122	-0,131	0,281
CHR6	13737750	CHR6:13737750	SSF x LoA	-10,768	0,066	0,295
CHR6	13746940	CHR6:13746940	SSF x LoA	-10,598	0,037	0,300
CHR6	13746978	CHR6:13746978	SSF x LoA	-7,715	-0,109	0,296
CHR6	13747072	CHR6:13747072	SSF x LoA	-9,329	-0,072	0,287
CHR6	13767179	CHR6:13767179	SSF x LoA	-8,439	0,096	0,306
CHR6	13778412	CHR6:13778412	SSF x LoA	-5,586	-0,055	0,287
CHR6	13783557	CHR6:13783557	SSF x LoA	-9,266	-0,098	0,280
CHR6	13801730	CHR6:13801730	SSF x LoA	-5,823	-0,168	0,281
CHR6	13801819	CHR6:13801819	SSF x LoA	-5,301	-0,146	0,298
CHR6	13801877	CHR6:13801877	SSF x LoA	-8,631	-0,144	0,274
CHR6	13813519	CHR6:13813519	SSF x LoA	-7,203	0,011	0,293
CHR6	13813585	CHR6:13813585	SSF x LoA	-10,588	0,028	0,291
CHR6	13829963	CHR6:13829963	SSF x LoA	-11,065	-0,059	0,280
CHR6	13830692	CHR6:13830692	SSF x LoA	-10,307	0,089	0,288
CHR6	13830702	CHR6:13830702	SSF x LoA	-10,449	-0,013	0,297
CHR6	13830707	CHR6:13830707	SSF x LoA	-9,807	-0,041	0,302
CHR6	13830794	CHR6:13830794	SSF x LoA	-10,718	-0,043	0,290
CHR6	1383497	CHR6:1383497	SSF x LoA	-7,272	-0,210	0,272
CHR6	13835945	CHR6:13835945	SSF x LoA	-7,387	0,010	0,282
CHR6	13835961	CHR6:13835961	SSF x LoA	-7,500	0,122	0,270
CHR6	13836160	CHR6:13836160	SSF x LoA	-8,516	-0,058	0,280
CHR6	13837556	CHR6:13837556	SSF x LoA	-11,029	0,049	0,300
CHR6	13837603	CHR6:13837603	SSF x LoA	-8,535	-0,028	0,289
CHR6	13837613	CHR6:13837613	SSF x LoA	-10,060	0,115	0,287
CHR6	13837709	CHR6:13837709	SSF x LoA	-7,375	0,089	0,283
CHR6	13859735	CHR6:13859735	SSF x LoA	-8,581	0,033	0,285
CHR6	13859869	CHR6:13859869	SSF x LoA	-8,218	-0,066	0,278
CHR6	13859957	CHR6:13859957	SSF x LoA	-10,836	0,036	0,298
CHR6	13860039	CHR6:13860039	SSF x LoA	-10,121	-0,064	0,280
CHR6	13860044	CHR6:13860044	SSF x LoA	-8,003	0,031	0,302
CHR6	13866590	CHR6:13866590	SSF x LoA	-5,958	-0,053	0,292
CHR6	13866678	CHR6:13866678	SSF x LoA	-9,265	-0,068	0,289

CHR6	13866695	CHR6:13866695	SSF x LoA	-3,697	-0,125	0,274
CHR6	13866759	CHR6:13866759	SSF x LoA	-9,409	-0,010	0,300
CHR6	13866870	CHR6:13866870	SSF x LoA	-8,714	-0,009	0,299
CHR6	13886596	CHR6:13886596	SSF x LoA	-5,927	-0,068	0,312
CHR6	13886604	CHR6:13886604	SSF x LoA	-5,894	-0,104	0,288
CHR6	13889514	CHR6:13889514	SSF x LoA	-0,244	0,072	0,271
CHR6	13889642	CHR6:13889642	SSF x LoA	-9,680	0,019	0,278
CHR6	13889648	CHR6:13889648	SSF x LoA	-7,570	0,036	0,290
CHR6	13889652	CHR6:13889652	SSF x LoA	-11,461	-0,027	0,288
CHR6	13889769	CHR6:13889769	SSF x LoA	-9,406	0,033	0,287
CHR6	13905157	CHR6:13905157	SSF x LoA	-2,232	0,107	0,284
CHR6	13905164	CHR6:13905164	SSF x LoA	-3,840	0,055	0,285
CHR6	13905218	CHR6:13905218	SSF x LoA	-9,418	0,118	0,283
CHR6	13905270	CHR6:13905270	SSF x LoA	-7,556	0,122	0,287
CHR6	13905271	CHR6:13905271	SSF x LoA	-10,363	0,057	0,289
CHR6	13915817	CHR6:13915817	SSF x LoA	-7,938	0,043	0,294
CHR6	13915977	CHR6:13915977	SSF x LoA	-8,167	-0,137	0,294
CHR6	13916017	CHR6:13916017	SSF x LoA	-10,703	-0,059	0,285
CHR6	13920753	CHR6:13920753	SSF x LoA	-11,235	-0,029	0,279
CHR6	13920940	CHR6:13920940	SSF x LoA	-6,887	-0,208	0,284
CHR6	13921002	CHR6:13921002	SSF x LoA	-8,466	0,039	0,285
CHR6	13921014	CHR6:13921014	SSF x LoA	-10,121	-0,071	0,292
CHR6	13934992	CHR6:13934992	SSF x LoA	-10,725	0,046	0,280
CHR6	13943842	CHR6:13943842	SSF x LoA	-9,473	-0,051	0,291
CHR6	13958363	CHR6:13958363	SSF x LoA	-7,537	-0,136	0,277
CHR6	13958377	CHR6:13958377	SSF x LoA	-10,646	0,028	0,292
CHR6	13958425	CHR6:13958425	SSF x LoA	-11,305	0,049	0,289
CHR6	13958476	CHR6:13958476	SSF x LoA	-9,117	-0,044	0,289
CHR6	13958716	CHR6:13958716	SSF x LoA	-9,148	-0,024	0,286
CHR6	13962963	CHR6:13962963	SSF x LoA	-8,472	-0,145	0,283
CHR6	13963034	CHR6:13963034	SSF x LoA	-6,577	-0,078	0,307
CHR6	13967429	CHR6:13967429	SSF x LoA	4,149	-0,120	0,295
CHR6	13967602	CHR6:13967602	SSF x LoA	-2,923	-0,124	0,295
CHR6	13971688	CHR6:13971688	SSF x LoA	-8,339	-0,017	0,283
CHR6	13973080	CHR6:13973080	SSF x LoA	-9,277	-0,069	0,288
CHR6	13978432	CHR6:13978432	SSF x LoA	-7,222	-0,130	0,258
CHR6	13986010	CHR6:13986010	SSF x LoA	-7,097	0,084	0,284
CHR6	14021571	CHR6:14021571	SSF x LoA	-11,113	-0,042	0,287
CHR6	14021641	CHR6:14021641	SSF x LoA	-7,243	0,078	0,275
CHR6	14021681	CHR6:14021681	SSF x LoA	-8,232	-0,102	0,284
CHR6	14021700	CHR6:14021700	SSF x LoA	-9,589	-0,034	0,290
CHR6	14032373	CHR6:14032373	SSF x LoA	-9,888	0,028	0,285
CHR6	14036633	CHR6:14036633	SSF x LoA	-5,504	0,204	0,267
CHR6	14041951	CHR6:14041951	SSF x LoA	-10,225	-0,020	0,304
CHR6	14042097	CHR6:14042097	SSF x LoA	-0,939	0,209	0,275
CHR6	14045289	CHR6:14045289	SSF x LoA	-8,647	0,089	0,271
CHR6	14045312	CHR6:14045312	SSF x LoA	-8,367	0,069	0,273
CHR6	14045433	CHR6:14045433	SSF x LoA	-9,987	-0,036	0,291
CHR6	14046228	CHR6:14046228	SSF x LoA	-4,088	0,160	0,286
CHR6	14046328	CHR6:14046328	SSF x LoA	-9,126	0,032	0,287
CHR6	14046689	CHR6:14046689	SSF x LoA	-7,585	-0,014	0,291
CHR6	14049706	CHR6:14049706	SSF x LoA	-6,353	-0,014	0,278
CHR6	14049738	CHR6:14049738	SSF x LoA	-5,153	-0,159	0,275

CHR6	14049740	CHR6:14049740	SSF x LoA	-11,353	0,007	0,291
CHR6	14049860	CHR6:14049860	SSF x LoA	-4,443	-0,192	0,266
CHR6	14080564	CHR6:14080564	SSF x LoA	-7,452	-0,045	0,288
CHR6	14080609	CHR6:14080609	SSF x LoA	-7,734	0,007	0,289
CHR6	14084018	CHR6:14084018	SSF x LoA	-8,808	0,059	0,290
CHR6	14099186	CHR6:14099186	SSF x LoA	-10,373	0,099	0,305
CHR6	14099349	CHR6:14099349	SSF x LoA	-8,693	0,072	0,274
CHR6	14108351	CHR6:14108351	SSF x LoA	-6,435	0,055	0,288
CHR6	14108498	CHR6:14108498	SSF x LoA	-9,205	0,038	0,300
CHR6	14134522	CHR6:14134522	SSF x LoA	-9,812	-0,060	0,283
CHR6	14134584	CHR6:14134584	SSF x LoA	-10,417	-0,064	0,271
CHR6	14134715	CHR6:14134715	SSF x LoA	-8,414	0,003	0,293
CHR6	14146836	CHR6:14146836	SSF x LoA	-9,898	-0,029	0,305
CHR6	14146868	CHR6:14146868	SSF x LoA	-9,370	-0,077	0,291
CHR6	14149443	CHR6:14149443	SSF x LoA	-7,764	-0,065	0,288
CHR6	14151284	CHR6:14151284	SSF x LoA	-9,302	-0,116	0,299
CHR6	14151298	CHR6:14151298	SSF x LoA	-10,173	0,026	0,287
CHR6	14151351	CHR6:14151351	SSF x LoA	-7,646	-0,020	0,290
CHR6	14151413	CHR6:14151413	SSF x LoA	-10,002	-0,055	0,302
CHR6	14164982	CHR6:14164982	SSF x LoA	-10,395	-0,010	0,298
CHR6	14168373	CHR6:14168373	SSF x LoA	-10,410	-0,135	0,289
CHR6	14169981	CHR6:14169981	SSF x LoA	-8,415	-0,092	0,271
CHR6	14179157	CHR6:14179157	SSF x LoA	-9,998	0,018	0,294
CHR6	14190631	CHR6:14190631	SSF x LoA	8,196	0,233	0,282
CHR6	14190660	CHR6:14190660	SSF x LoA	-9,362	-0,134	0,279
CHR6	14190775	CHR6:14190775	SSF x LoA	-4,363	0,205	0,285
CHR6	14190776	CHR6:14190776	SSF x LoA	-6,502	-0,183	0,293
CHR6	14201388	CHR6:14201388	SSF x LoA	-8,387	0,020	0,286
CHR6	14206573	CHR6:14206573	SSF x LoA	-7,874	-0,181	0,278
CHR6	14206594	CHR6:14206594	SSF x LoA	-10,314	-0,066	0,264
CHR6	14215828	CHR6:14215828	SSF x LoA	-6,315	0,052	0,294
CHR6	14217368	CHR6:14217368	SSF x LoA	-9,427	0,039	0,282
CHR6	14217379	CHR6:14217379	SSF x LoA	-6,024	-0,152	0,273
CHR6	14220710	CHR6:14220710	SSF x LoA	-6,284	0,162	0,283
CHR6	14220722	CHR6:14220722	SSF x LoA	-5,931	0,171	0,288
CHR6	14220727	CHR6:14220727	SSF x LoA	-9,475	-0,055	0,297
CHR6	14220827	CHR6:14220827	SSF x LoA	-8,639	0,070	0,279
CHR6	14233944	CHR6:14233944	SSF x LoA	-8,224	0,032	0,284
CHR6	14234045	CHR6:14234045	SSF x LoA	-6,209	-0,186	0,276
CHR6	14234047	CHR6:14234047	SSF x LoA	-9,106	0,059	0,276
CHR6	14234123	CHR6:14234123	SSF x LoA	-7,342	0,058	0,274
CHR6	14238140	CHR6:14238140	SSF x LoA	-5,249	0,103	0,286
CHR6	14238203	CHR6:14238203	SSF x LoA	10,980	0,193	0,279
CHR6	14238229	CHR6:14238229	SSF x LoA	-8,362	0,102	0,281
CHR6	14238362	CHR6:14238362	SSF x LoA	-8,638	-0,087	0,283
CHR6	14261400	CHR6:14261400	SSF x LoA	-8,773	0,079	0,301
CHR6	14261433	CHR6:14261433	SSF x LoA	-6,752	0,075	0,303
CHR6	14261471	CHR6:14261471	SSF x LoA	-9,051	0,040	0,300
CHR6	14261491	CHR6:14261491	SSF x LoA	-7,863	-0,115	0,262
CHR6	14261492	CHR6:14261492	SSF x LoA	-10,850	0,024	0,296
CHR6	14261497	CHR6:14261497	SSF x LoA	-8,862	0,035	0,292
CHR6	14261544	CHR6:14261544	SSF x LoA	-5,700	0,096	0,271
CHR6	14261551	CHR6:14261551	SSF x LoA	-10,969	-0,031	0,291

CHR6	14261598	CHR6:14261598	SSF x LoA	-9,939	0,034	0,287
CHR6	14261662	CHR6:14261662	SSF x LoA	-10,338	-0,016	0,294
CHR6	14276515	CHR6:14276515	SSF x LoA	-10,108	0,071	0,298
CHR6	14278114	CHR6:14278114	SSF x LoA	-7,110	-0,088	0,293
CHR6	14278306	CHR6:14278306	SSF x LoA	-7,831	0,096	0,286
CHR6	14278314	CHR6:14278314	SSF x LoA	-9,574	-0,046	0,292
CHR6	14286836	CHR6:14286836	SSF x LoA	-9,665	0,046	0,294
CHR6	14303357	CHR6:14303357	SSF x LoA	-8,995	-0,064	0,293
CHR6	14303414	CHR6:14303414	SSF x LoA	0,238	-0,232	0,279
CHR6	14303451	CHR6:14303451	SSF x LoA	-8,558	-0,022	0,297
CHR6	14303481	CHR6:14303481	SSF x LoA	-9,978	0,174	0,285
CHR6	14303492	CHR6:14303492	SSF x LoA	-10,550	0,038	0,300
CHR6	14303650	CHR6:14303650	SSF x LoA	-9,240	-0,027	0,305
CHR6	14303677	CHR6:14303677	SSF x LoA	-5,725	-0,105	0,287
CHR6	14313910	CHR6:14313910	SSF x LoA	-5,081	0,149	0,297
CHR6	14314030	CHR6:14314030	SSF x LoA	-6,259	0,066	0,309
CHR6	14314048	CHR6:14314048	SSF x LoA	-9,004	0,074	0,299
CHR6	14322506	CHR6:14322506	SSF x LoA	-8,259	-0,046	0,282
CHR6	14322528	CHR6:14322528	SSF x LoA	-8,335	-0,047	0,287
CHR6	14322557	CHR6:14322557	SSF x LoA	-10,538	-0,005	0,282
CHR6	14322569	CHR6:14322569	SSF x LoA	-7,242	-0,083	0,291
CHR6	14322570	CHR6:14322570	SSF x LoA	-9,635	0,047	0,297
CHR6	14322587	CHR6:14322587	SSF x LoA	-7,061	-0,100	0,286
CHR6	14322601	CHR6:14322601	SSF x LoA	-7,674	-0,088	0,292
CHR6	14322612	CHR6:14322612	SSF x LoA	-6,464	-0,118	0,285
CHR6	14322639	CHR6:14322639	SSF x LoA	-7,398	-0,102	0,286
CHR6	14322641	CHR6:14322641	SSF x LoA	-10,475	-0,026	0,287
CHR6	14322658	CHR6:14322658	SSF x LoA	-6,028	0,169	0,275
CHR6	14322665	CHR6:14322665	SSF x LoA	-7,335	-0,101	0,291
CHR6	1433789	CHR6:1433789	SSF x LoA	-10,358	-0,045	0,287
CHR6	14344054	CHR6:14344054	SSF x LoA	-9,256	0,098	0,285
CHR6	14344067	CHR6:14344067	SSF x LoA	-9,213	0,107	0,278
CHR6	14344071	CHR6:14344071	SSF x LoA	-8,905	0,059	0,298
CHR6	14344154	CHR6:14344154	SSF x LoA	-8,382	0,104	0,276
CHR6	14344225	CHR6:14344225	SSF x LoA	-8,257	-0,077	0,286
CHR6	14345725	CHR6:14345725	SSF x LoA	-9,780	-0,063	0,297
CHR6	14345731	CHR6:14345731	SSF x LoA	-9,484	-0,088	0,296
CHR6	14345749	CHR6:14345749	SSF x LoA	-9,841	-0,076	0,294
CHR6	14345927	CHR6:14345927	SSF x LoA	-7,593	0,027	0,294
CHR6	14349414	CHR6:14349414	SSF x LoA	-9,661	-0,095	0,291
CHR6	14396589	CHR6:14396589	SSF x LoA	-10,237	0,125	0,288
CHR6	14408573	CHR6:14408573	SSF x LoA	-7,784	0,100	0,286
CHR6	14408679	CHR6:14408679	SSF x LoA	-9,139	0,078	0,276
CHR6	14408680	CHR6:14408680	SSF x LoA	-9,619	0,094	0,276
CHR6	14408686	CHR6:14408686	SSF x LoA	-7,496	0,111	0,286
CHR6	14412446	CHR6:14412446	SSF x LoA	-10,988	0,066	0,275
CHR6	14412538	CHR6:14412538	SSF x LoA	-11,926	-0,051	0,290
CHR6	14421796	CHR6:14421796	SSF x LoA	-2,821	-0,074	0,296
CHR6	14421808	CHR6:14421808	SSF x LoA	-7,764	0,048	0,289
CHR6	14431459	CHR6:14431459	SSF x LoA	-8,503	0,043	0,296
CHR6	14431505	CHR6:14431505	SSF x LoA	-10,059	-0,051	0,293
CHR6	14431555	CHR6:14431555	SSF x LoA	-7,751	-0,038	0,285
CHR6	14499532	CHR6:14499532	SSF x LoA	-10,479	-0,131	0,276

CHR6	14617198	CHR6:14617198	SSF x LoA	-8,638	0,119	0,292
CHR6	14667489	CHR6:14667489	SSF x LoA	-9,737	-0,037	0,277
CHR6	14667571	CHR6:14667571	SSF x LoA	-7,729	0,066	0,281
CHR6	14669125	CHR6:14669125	SSF x LoA	-4,934	0,146	0,289
CHR6	14690089	CHR6:14690089	SSF x LoA	-9,248	-0,028	0,285
CHR6	14691958	CHR6:14691958	SSF x LoA	-9,108	-0,010	0,283
CHR6	14691974	CHR6:14691974	SSF x LoA	-8,558	-0,005	0,302
CHR6	14692194	CHR6:14692194	SSF x LoA	-2,758	0,200	0,275
CHR6	14692288	CHR6:14692288	SSF x LoA	-6,186	-0,150	0,286
CHR6	1471481	CHR6:1471481	SSF x LoA	-7,057	0,048	0,293
CHR6	1471491	CHR6:1471491	SSF x LoA	-6,820	-0,127	0,279
CHR6	1471526	CHR6:1471526	SSF x LoA	-6,040	-0,186	0,295
CHR6	1471546	CHR6:1471546	SSF x LoA	-2,540	0,164	0,298
CHR6	14739497	CHR6:14739497	SSF x LoA	-5,394	0,127	0,295
CHR6	14763627	CHR6:14763627	SSF x LoA	-7,984	0,109	0,282
CHR6	14763785	CHR6:14763785	SSF x LoA	-8,266	0,008	0,294
CHR6	14763874	CHR6:14763874	SSF x LoA	-9,204	-0,018	0,271
CHR6	1479004	CHR6:1479004	SSF x LoA	-8,909	0,067	0,273
CHR6	14790354	CHR6:14790354	SSF x LoA	-9,135	-0,018	0,304
CHR6	14790405	CHR6:14790405	SSF x LoA	-9,675	-0,005	0,299
CHR6	14790553	CHR6:14790553	SSF x LoA	-9,194	0,087	0,280
CHR6	1479326	CHR6:1479326	SSF x LoA	-9,826	-0,046	0,281
CHR6	14802218	CHR6:14802218	SSF x LoA	-7,464	-0,043	0,298
CHR6	14837886	CHR6:14837886	SSF x LoA	-6,003	0,021	0,284
CHR6	14843050	CHR6:14843050	SSF x LoA	-6,821	0,034	0,289
CHR6	14843093	CHR6:14843093	SSF x LoA	-6,731	-0,063	0,289
CHR6	14843109	CHR6:14843109	SSF x LoA	-7,924	0,041	0,279
CHR6	14846380	CHR6:14846380	SSF x LoA	-10,335	0,009	0,295
CHR6	14851161	CHR6:14851161	SSF x LoA	-10,839	0,038	0,299
CHR6	14854599	CHR6:14854599	SSF x LoA	-6,594	-0,196	0,289
CHR6	1486644	CHR6:1486644	SSF x LoA	-7,342	0,116	0,281
CHR6	1486763	CHR6:1486763	SSF x LoA	-1,480	-0,144	0,281
CHR6	1487048	CHR6:1487048	SSF x LoA	-10,993	0,021	0,277
CHR6	14918231	CHR6:14918231	SSF x LoA	-9,417	-0,050	0,283
CHR6	14950538	CHR6:14950538	SSF x LoA	-7,454	-0,115	0,279
CHR6	14950551	CHR6:14950551	SSF x LoA	-8,968	0,043	0,281
CHR6	14959057	CHR6:14959057	SSF x LoA	-6,437	0,207	0,294
CHR6	1515199	CHR6:1515199	SSF x LoA	-9,128	0,008	0,286
CHR6	1515355	CHR6:1515355	SSF x LoA	-8,115	0,058	0,293
CHR6	1515366	CHR6:1515366	SSF x LoA	-10,945	0,003	0,278
CHR6	1532517	CHR6:1532517	SSF x LoA	-8,609	0,032	0,288
CHR6	1532539	CHR6:1532539	SSF x LoA	-8,604	-0,098	0,281
CHR6	1532540	CHR6:1532540	SSF x LoA	-1,192	0,111	0,288
CHR6	1539582	CHR6:1539582	SSF x LoA	-8,334	-0,076	0,284
CHR6	1539637	CHR6:1539637	SSF x LoA	-9,964	-0,094	0,282
CHR6	1539685	CHR6:1539685	SSF x LoA	-9,510	0,016	0,295
CHR6	1539686	CHR6:1539686	SSF x LoA	-9,954	0,027	0,290
CHR6	1539687	CHR6:1539687	SSF x LoA	-10,519	0,002	0,288
CHR6	1539688	CHR6:1539688	SSF x LoA	-8,755	0,042	0,309
CHR6	1539746	CHR6:1539746	SSF x LoA	-7,427	-0,185	0,283
CHR6	1553391	CHR6:1553391	SSF x LoA	-8,926	-0,055	0,286
CHR6	1553631	CHR6:1553631	SSF x LoA	-11,113	-0,011	0,291
CHR6	1577950	CHR6:1577950	SSF x LoA	-6,255	-0,006	0,286

CHR6	1577952	CHR6:1577952	SSF x LoA	-8,452	0,007	0,289
CHR6	1577997	CHR6:1577997	SSF x LoA	-7,955	0,071	0,294
CHR6	1579722	CHR6:1579722	SSF x LoA	-3,308	-0,102	0,289
CHR6	1579828	CHR6:1579828	SSF x LoA	-8,785	0,112	0,278
CHR6	1585570	CHR6:1585570	SSF x LoA	-8,753	0,027	0,283
CHR6	1585619	CHR6:1585619	SSF x LoA	-8,064	0,096	0,290
CHR6	1585804	CHR6:1585804	SSF x LoA	-8,278	0,113	0,278
CHR6	1585847	CHR6:1585847	SSF x LoA	-8,185	0,085	0,297
CHR6	1585848	CHR6:1585848	SSF x LoA	-10,156	-0,028	0,289
CHR6	1586199	CHR6:1586199	SSF x LoA	-6,835	-0,042	0,301
CHR6	1590809	CHR6:1590809	SSF x LoA	-6,607	0,131	0,287
CHR6	1597705	CHR6:1597705	SSF x LoA	-10,096	-0,007	0,298
CHR6	1597782	CHR6:1597782	SSF x LoA	-9,958	0,048	0,290
CHR6	1597851	CHR6:1597851	SSF x LoA	-7,116	-0,073	0,304
CHR6	1598003	CHR6:1598003	SSF x LoA	-9,647	-0,109	0,276
CHR6	1602469	CHR6:1602469	SSF x LoA	-8,356	0,002	0,282
CHR6	1602474	CHR6:1602474	SSF x LoA	-8,308	-0,083	0,295
CHR6	1602477	CHR6:1602477	SSF x LoA	-9,208	-0,027	0,288
CHR6	1602629	CHR6:1602629	SSF x LoA	-7,357	-0,117	0,286
CHR6	1602642	CHR6:1602642	SSF x LoA	-5,466	-0,168	0,279
CHR6	1602702	CHR6:1602702	SSF x LoA	-11,430	0,044	0,282
CHR6	1602832	CHR6:1602832	SSF x LoA	-7,589	-0,054	0,287
CHR6	1602885	CHR6:1602885	SSF x LoA	-9,964	-0,032	0,297
CHR6	1614633	CHR6:1614633	SSF x LoA	-9,122	0,002	0,303
CHR6	1614660	CHR6:1614660	SSF x LoA	-3,668	0,125	0,295
CHR6	1614679	CHR6:1614679	SSF x LoA	-6,732	0,104	0,285
CHR6	1614690	CHR6:1614690	SSF x LoA	-7,250	0,016	0,301
CHR6	1614779	CHR6:1614779	SSF x LoA	-10,336	0,001	0,286
CHR6	1614787	CHR6:1614787	SSF x LoA	-8,514	0,027	0,295
CHR6	1614790	CHR6:1614790	SSF x LoA	-7,529	-0,019	0,297
CHR6	1614791	CHR6:1614791	SSF x LoA	-10,271	0,001	0,280
CHR6	1614918	CHR6:1614918	SSF x LoA	-8,677	-0,133	0,278
CHR6	1629252	CHR6:1629252	SSF x LoA	-11,952	0,013	0,287
CHR6	1629346	CHR6:1629346	SSF x LoA	-10,196	-0,015	0,285
CHR6	1629414	CHR6:1629414	SSF x LoA	-8,402	-0,127	0,286
CHR6	1629437	CHR6:1629437	SSF x LoA	-6,820	-0,143	0,289
CHR6	1629441	CHR6:1629441	SSF x LoA	-8,602	0,091	0,282
CHR6	1629455	CHR6:1629455	SSF x LoA	-6,993	-0,059	0,300
CHR6	16500205	CHR6:16500205	SSF x LoA	-8,613	-0,032	0,296
CHR6	16538980	CHR6:16538980	SSF x LoA	-8,004	0,080	0,275
CHR6	16549569	CHR6:16549569	SSF x LoA	-9,396	-0,111	0,280
CHR6	1659530	CHR6:1659530	SSF x LoA	-9,006	-0,023	0,288
CHR6	1659552	CHR6:1659552	SSF x LoA	-10,155	-0,011	0,295
CHR6	1659787	CHR6:1659787	SSF x LoA	-8,359	0,001	0,276
CHR6	16632545	CHR6:16632545	SSF x LoA	-7,218	0,086	0,289
CHR6	16632751	CHR6:16632751	SSF x LoA	-7,401	0,140	0,284
CHR6	16632793	CHR6:16632793	SSF x LoA	-6,498	0,155	0,287
CHR6	16661695	CHR6:16661695	SSF x LoA	-7,126	-0,109	0,284
CHR6	1666818	CHR6:1666818	SSF x LoA	-8,017	0,108	0,289
CHR6	1666843	CHR6:1666843	SSF x LoA	-10,689	0,059	0,270
CHR6	1666845	CHR6:1666845	SSF x LoA	-6,734	0,041	0,295
CHR6	1666856	CHR6:1666856	SSF x LoA	-7,422	-0,102	0,281
CHR6	1666977	CHR6:1666977	SSF x LoA	-8,231	0,046	0,285

CHR6	1666981	CHR6:1666981	SSF x LoA	-7,930	0,058	0,293
CHR6	1666988	CHR6:1666988	SSF x LoA	-7,929	-0,006	0,295
CHR6	16690865	CHR6:16690865	SSF x LoA	-9,578	0,023	0,293
CHR6	16705942	CHR6:16705942	SSF x LoA	-3,679	-0,147	0,277
CHR6	167126	CHR6:167126	SSF x LoA	-5,165	0,141	0,292
CHR6	16720044	CHR6:16720044	SSF x LoA	-8,873	0,081	0,271
CHR6	16739626	CHR6:16739626	SSF x LoA	-7,823	-0,103	0,287
CHR6	1674419	CHR6:1674419	SSF x LoA	-7,083	0,107	0,277
CHR6	16756433	CHR6:16756433	SSF x LoA	-7,767	0,094	0,306
CHR6	16756535	CHR6:16756535	SSF x LoA	-8,495	0,097	0,295
CHR6	16780744	CHR6:16780744	SSF x LoA	-7,124	0,216	0,281
CHR6	16782596	CHR6:16782596	SSF x LoA	-6,843	-0,114	0,292
CHR6	16782662	CHR6:16782662	SSF x LoA	-5,104	0,180	0,281
CHR6	1679996	CHR6:1679996	SSF x LoA	-8,102	0,102	0,291
CHR6	16800125	CHR6:16800125	SSF x LoA	-5,395	0,159	0,281
CHR6	1680041	CHR6:1680041	SSF x LoA	-8,666	-0,011	0,310
CHR6	1680042	CHR6:1680042	SSF x LoA	-8,869	0,000	0,298
CHR6	16807040	CHR6:16807040	SSF x LoA	-10,949	-0,034	0,294
CHR6	16807185	CHR6:16807185	SSF x LoA	-7,806	0,175	0,288
CHR6	16817574	CHR6:16817574	SSF x LoA	-9,456	-0,008	0,301
CHR6	16817630	CHR6:16817630	SSF x LoA	-9,521	0,011	0,308
CHR6	16817631	CHR6:16817631	SSF x LoA	-9,138	0,002	0,301
CHR6	16817632	CHR6:16817632	SSF x LoA	-9,349	0,024	0,293
CHR6	16817876	CHR6:16817876	SSF x LoA	-9,087	0,076	0,299
CHR6	16827379	CHR6:16827379	SSF x LoA	-6,406	0,025	0,293
CHR6	16827438	CHR6:16827438	SSF x LoA	-8,232	0,007	0,304
CHR6	16844543	CHR6:16844543	SSF x LoA	-8,921	-0,076	0,287
CHR6	16859983	CHR6:16859983	SSF x LoA	-8,761	-0,121	0,288
CHR6	16859986	CHR6:16859986	SSF x LoA	-9,174	-0,137	0,262
CHR6	16872620	CHR6:16872620	SSF x LoA	-9,133	-0,123	0,294
CHR6	16890002	CHR6:16890002	SSF x LoA	-8,201	-0,038	0,294
CHR6	16909633	CHR6:16909633	SSF x LoA	-8,300	-0,043	0,295
CHR6	16911804	CHR6:16911804	SSF x LoA	-7,845	-0,045	0,294
CHR6	16911905	CHR6:16911905	SSF x LoA	-6,605	-0,053	0,290
CHR6	16938405	CHR6:16938405	SSF x LoA	-5,733	-0,127	0,282
CHR6	16944525	CHR6:16944525	SSF x LoA	-7,397	-0,050	0,287
CHR6	16944657	CHR6:16944657	SSF x LoA	-8,648	-0,006	0,292
CHR6	16971222	CHR6:16971222	SSF x LoA	-7,999	-0,068	0,286
CHR6	16980363	CHR6:16980363	SSF x LoA	-6,551	-0,162	0,287
CHR6	16980390	CHR6:16980390	SSF x LoA	-2,299	-0,130	0,293
CHR6	1698926	CHR6:1698926	SSF x LoA	-7,501	0,110	0,297
CHR6	1698927	CHR6:1698927	SSF x LoA	-8,562	-0,107	0,273
CHR6	1698937	CHR6:1698937	SSF x LoA	-10,038	-0,018	0,295
CHR6	1698988	CHR6:1698988	SSF x LoA	-9,210	-0,132	0,282
CHR6	1698992	CHR6:1698992	SSF x LoA	-7,345	-0,012	0,295
CHR6	1699008	CHR6:1699008	SSF x LoA	-5,132	-0,067	0,295
CHR6	1699022	CHR6:1699022	SSF x LoA	-8,345	0,011	0,287
CHR6	1699028	CHR6:1699028	SSF x LoA	-5,313	-0,065	0,294
CHR6	1699110	CHR6:1699110	SSF x LoA	-2,372	-0,119	0,286
CHR6	1699152	CHR6:1699152	SSF x LoA	-9,530	-0,024	0,288
CHR6	1699164	CHR6:1699164	SSF x LoA	-3,840	0,078	0,294
CHR6	1699290	CHR6:1699290	SSF x LoA	-9,332	-0,016	0,296
CHR6	17018233	CHR6:17018233	SSF x LoA	-8,697	-0,068	0,277

CHR6	17018305	CHR6:17018305	SSF x LoA	-9,543	0,135	0,297
CHR6	17018457	CHR6:17018457	SSF x LoA	-8,905	-0,021	0,298
CHR6	17033885	CHR6:17033885	SSF x LoA	-9,694	0,079	0,287
CHR6	17047725	CHR6:17047725	SSF x LoA	-6,548	0,089	0,285
CHR6	1704773	CHR6:1704773	SSF x LoA	-11,528	0,043	0,288
CHR6	1704777	CHR6:1704777	SSF x LoA	-7,555	0,093	0,292
CHR6	1704820	CHR6:1704820	SSF x LoA	-10,642	-0,076	0,291
CHR6	1704896	CHR6:1704896	SSF x LoA	-7,522	-0,045	0,283
CHR6	1705026	CHR6:1705026	SSF x LoA	-10,058	-0,039	0,286
CHR6	1706981	CHR6:1706981	SSF x LoA	-9,299	0,028	0,285
CHR6	1707000	CHR6:1707000	SSF x LoA	-8,626	0,024	0,289
CHR6	1707003	CHR6:1707003	SSF x LoA	-9,674	0,111	0,293
CHR6	1707007	CHR6:1707007	SSF x LoA	-9,506	0,031	0,282
CHR6	1707076	CHR6:1707076	SSF x LoA	-8,753	0,053	0,295
CHR6	1707101	CHR6:1707101	SSF x LoA	-10,405	-0,097	0,294
CHR6	1707204	CHR6:1707204	SSF x LoA	-9,343	0,011	0,283
CHR6	17073919	CHR6:17073919	SSF x LoA	-10,585	0,104	0,285
CHR6	17076323	CHR6:17076323	SSF x LoA	-7,010	-0,078	0,298
CHR6	17076513	CHR6:17076513	SSF x LoA	-8,348	0,089	0,285
CHR6	17076532	CHR6:17076532	SSF x LoA	-8,243	0,093	0,269
CHR6	17090892	CHR6:17090892	SSF x LoA	-6,014	0,066	0,278
CHR6	17091015	CHR6:17091015	SSF x LoA	-7,381	-0,120	0,275
CHR6	17107078	CHR6:17107078	SSF x LoA	-7,831	-0,079	0,285
CHR6	17123286	CHR6:17123286	SSF x LoA	-6,112	-0,159	0,294
CHR6	1715997	CHR6:1715997	SSF x LoA	-10,306	0,076	0,288
CHR6	1716162	CHR6:1716162	SSF x LoA	-7,196	0,093	0,290
CHR6	1716192	CHR6:1716192	SSF x LoA	-8,398	0,026	0,282
CHR6	1716209	CHR6:1716209	SSF x LoA	-7,813	-0,046	0,287
CHR6	1716212	CHR6:1716212	SSF x LoA	-8,448	0,067	0,283
CHR6	17184570	CHR6:17184570	SSF x LoA	-6,158	0,211	0,270
CHR6	17184741	CHR6:17184741	SSF x LoA	-8,719	-0,074	0,293
CHR6	17184742	CHR6:17184742	SSF x LoA	-8,552	-0,060	0,290
CHR6	17184743	CHR6:17184743	SSF x LoA	-8,150	-0,067	0,296
CHR6	17184746	CHR6:17184746	SSF x LoA	-0,855	-0,043	0,297
CHR6	17206640	CHR6:17206640	SSF x LoA	-8,639	0,102	0,293
CHR6	1722716	CHR6:1722716	SSF x LoA	-8,205	0,141	0,291
CHR6	17248379	CHR6:17248379	SSF x LoA	-8,938	0,011	0,294
CHR6	17262260	CHR6:17262260	SSF x LoA	-9,825	-0,094	0,286
CHR6	17262312	CHR6:17262312	SSF x LoA	-8,971	-0,107	0,284
CHR6	1727431	CHR6:1727431	SSF x LoA	-5,745	0,134	0,296
CHR6	17295172	CHR6:17295172	SSF x LoA	-10,086	0,091	0,297
CHR6	172954	CHR6:172954	SSF x LoA	-7,275	-0,045	0,310
CHR6	173033	CHR6:173033	SSF x LoA	-1,785	0,187	0,286
CHR6	1730560	CHR6:1730560	SSF x LoA	-6,562	-0,064	0,295
CHR6	173072	CHR6:173072	SSF x LoA	-8,196	0,176	0,281
CHR6	17310429	CHR6:17310429	SSF x LoA	-10,051	-0,093	0,270
CHR6	17310496	CHR6:17310496	SSF x LoA	-7,000	0,020	0,278
CHR6	17310515	CHR6:17310515	SSF x LoA	-8,418	0,003	0,283
CHR6	17322564	CHR6:17322564	SSF x LoA	-5,168	0,196	0,274
CHR6	17322605	CHR6:17322605	SSF x LoA	-4,391	0,121	0,285
CHR6	17322629	CHR6:17322629	SSF x LoA	-11,164	0,021	0,287
CHR6	17322637	CHR6:17322637	SSF x LoA	-8,676	0,056	0,279
CHR6	17322654	CHR6:17322654	SSF x LoA	-10,169	-0,002	0,315

CHR6	17322658	CHR6:17322658	SSF x LoA	-8,109	0,066	0,278
CHR6	17335575	CHR6:17335575	SSF x LoA	-11,049	0,027	0,292
CHR6	17335577	CHR6:17335577	SSF x LoA	-10,899	0,026	0,288
CHR6	17335608	CHR6:17335608	SSF x LoA	-11,733	0,013	0,288
CHR6	17335625	CHR6:17335625	SSF x LoA	-11,272	0,034	0,290
CHR6	17335655	CHR6:17335655	SSF x LoA	-9,711	0,025	0,276
CHR6	17335663	CHR6:17335663	SSF x LoA	-9,193	0,040	0,278
CHR6	17335666	CHR6:17335666	SSF x LoA	-9,073	0,056	0,265
CHR6	17335668	CHR6:17335668	SSF x LoA	-11,659	0,026	0,288
CHR6	17335678	CHR6:17335678	SSF x LoA	-9,160	0,018	0,288
CHR6	17353891	CHR6:17353891	SSF x LoA	-8,801	-0,017	0,295
CHR6	17354134	CHR6:17354134	SSF x LoA	-7,729	0,073	0,289
CHR6	17354337	CHR6:17354337	SSF x LoA	-10,871	0,024	0,281
CHR6	17386045	CHR6:17386045	SSF x LoA	-8,719	0,039	0,280
CHR6	17386139	CHR6:17386139	SSF x LoA	-7,349	-0,094	0,288
CHR6	17386202	CHR6:17386202	SSF x LoA	-6,329	0,169	0,277
CHR6	17407663	CHR6:17407663	SSF x LoA	-8,056	-0,103	0,295
CHR6	17407684	CHR6:17407684	SSF x LoA	-4,089	-0,210	0,288
CHR6	17407696	CHR6:17407696	SSF x LoA	-10,329	-0,035	0,294
CHR6	17407772	CHR6:17407772	SSF x LoA	-6,211	-0,156	0,289
CHR6	17422390	CHR6:17422390	SSF x LoA	-5,605	0,064	0,305
CHR6	17422455	CHR6:17422455	SSF x LoA	-6,892	-0,059	0,295
CHR6	17422562	CHR6:17422562	SSF x LoA	-6,190	-0,078	0,290
CHR6	17427042	CHR6:17427042	SSF x LoA	-11,113	0,007	0,287
CHR6	17437644	CHR6:17437644	SSF x LoA	-9,296	-0,038	0,297
CHR6	17437788	CHR6:17437788	SSF x LoA	-8,740	-0,057	0,291
CHR6	1744599	CHR6:1744599	SSF x LoA	-6,897	0,115	0,287
CHR6	1744704	CHR6:1744704	SSF x LoA	-8,584	-0,125	0,289
CHR6	1744713	CHR6:1744713	SSF x LoA	-9,777	-0,052	0,288
CHR6	1744729	CHR6:1744729	SSF x LoA	-9,079	-0,088	0,291
CHR6	1744734	CHR6:1744734	SSF x LoA	-7,584	-0,140	0,297
CHR6	1744818	CHR6:1744818	SSF x LoA	-8,763	0,119	0,276
CHR6	1744827	CHR6:1744827	SSF x LoA	-8,411	0,041	0,302
CHR6	17457357	CHR6:17457357	SSF x LoA	-8,363	-0,040	0,288
CHR6	17475856	CHR6:17475856	SSF x LoA	-7,899	0,046	0,285
CHR6	17475941	CHR6:17475941	SSF x LoA	-8,389	-0,047	0,269
CHR6	17521756	CHR6:17521756	SSF x LoA	-11,136	-0,053	0,290
CHR6	17521863	CHR6:17521863	SSF x LoA	-7,229	-0,126	0,276
CHR6	17522051	CHR6:17522051	SSF x LoA	-1,956	-0,099	0,292
CHR6	17553342	CHR6:17553342	SSF x LoA	-8,964	0,082	0,307
CHR6	17577128	CHR6:17577128	SSF x LoA	-7,027	-0,009	0,283
CHR6	17577214	CHR6:17577214	SSF x LoA	-9,073	-0,028	0,276
CHR6	17577258	CHR6:17577258	SSF x LoA	-9,832	-0,092	0,272
CHR6	17577326	CHR6:17577326	SSF x LoA	-9,383	-0,003	0,284
CHR6	1759243	CHR6:1759243	SSF x LoA	-6,172	-0,167	0,287
CHR6	1759292	CHR6:1759292	SSF x LoA	-9,139	0,042	0,281
CHR6	1759330	CHR6:1759330	SSF x LoA	-8,652	0,061	0,293
CHR6	1759379	CHR6:1759379	SSF x LoA	-9,550	-0,098	0,288
CHR6	1759487	CHR6:1759487	SSF x LoA	-10,931	-0,006	0,283
CHR6	17620639	CHR6:17620639	SSF x LoA	-3,616	0,216	0,260
CHR6	1763603	CHR6:1763603	SSF x LoA	-10,318	0,003	0,280
CHR6	1763697	CHR6:1763697	SSF x LoA	-1,684	-0,177	0,286
CHR6	1763837	CHR6:1763837	SSF x LoA	-9,038	-0,069	0,291

CHR6	1763859	CHR6:1763859	SSF x LoA	-6,549	-0,188	0,274
CHR6	17640505	CHR6:17640505	SSF x LoA	-9,653	0,036	0,288
CHR6	17640571	CHR6:17640571	SSF x LoA	-9,006	0,082	0,294
CHR6	1769422	CHR6:1769422	SSF x LoA	-8,983	0,043	0,301
CHR6	17717613	CHR6:17717613	SSF x LoA	-8,347	0,067	0,277
CHR6	17722587	CHR6:17722587	SSF x LoA	-11,008	0,016	0,296
CHR6	17747250	CHR6:17747250	SSF x LoA	-6,546	-0,096	0,293
CHR6	17747325	CHR6:17747325	SSF x LoA	-7,317	0,096	0,296
CHR6	17761405	CHR6:17761405	SSF x LoA	-7,226	0,042	0,294
CHR6	1777487	CHR6:1777487	SSF x LoA	-6,015	-0,173	0,281
CHR6	1777496	CHR6:1777496	SSF x LoA	-3,351	-0,167	0,293
CHR6	1777503	CHR6:1777503	SSF x LoA	-6,171	-0,169	0,272
CHR6	1777504	CHR6:1777504	SSF x LoA	-4,713	-0,175	0,275
CHR6	1778634	CHR6:1778634	SSF x LoA	-7,009	0,036	0,304
CHR6	1778720	CHR6:1778720	SSF x LoA	-7,993	-0,088	0,300
CHR6	1778791	CHR6:1778791	SSF x LoA	-9,628	0,085	0,277
CHR6	1778798	CHR6:1778798	SSF x LoA	-9,608	0,050	0,300
CHR6	1778819	CHR6:1778819	SSF x LoA	-8,403	-0,027	0,287
CHR6	17789955	CHR6:17789955	SSF x LoA	-7,674	-0,081	0,294
CHR6	17790139	CHR6:17790139	SSF x LoA	-6,431	-0,029	0,284
CHR6	17801507	CHR6:17801507	SSF x LoA	-9,072	-0,027	0,282
CHR6	17801525	CHR6:17801525	SSF x LoA	-8,940	0,008	0,298
CHR6	17801547	CHR6:17801547	SSF x LoA	-8,666	0,149	0,275
CHR6	17801591	CHR6:17801591	SSF x LoA	-9,388	-0,069	0,289
CHR6	17801684	CHR6:17801684	SSF x LoA	-8,554	-0,021	0,280
CHR6	17837100	CHR6:17837100	SSF x LoA	-7,976	0,029	0,283
CHR6	17842340	CHR6:17842340	SSF x LoA	-9,112	-0,056	0,299
CHR6	1785989	CHR6:1785989	SSF x LoA	-9,283	0,001	0,277
CHR6	1786145	CHR6:1786145	SSF x LoA	-10,212	-0,087	0,287
CHR6	17887055	CHR6:17887055	SSF x LoA	-9,740	0,022	0,278
CHR6	17887071	CHR6:17887071	SSF x LoA	-7,750	-0,118	0,282
CHR6	17887239	CHR6:17887239	SSF x LoA	-7,209	-0,008	0,285
CHR6	1797924	CHR6:1797924	SSF x LoA	-10,617	-0,034	0,294
CHR6	1798771	CHR6:1798771	SSF x LoA	-8,465	-0,011	0,296
CHR6	1799610	CHR6:1799610	SSF x LoA	-7,027	-0,096	0,291
CHR6	1799749	CHR6:1799749	SSF x LoA	-7,776	-0,096	0,280
CHR6	1802740	CHR6:1802740	SSF x LoA	-10,498	-0,067	0,281
CHR6	1802963	CHR6:1802963	SSF x LoA	-10,417	-0,008	0,285
CHR6	1809974	CHR6:1809974	SSF x LoA	-8,749	0,151	0,281
CHR6	1810003	CHR6:1810003	SSF x LoA	-5,512	0,133	0,288
CHR6	1810005	CHR6:1810005	SSF x LoA	-9,563	0,127	0,284
CHR6	1810008	CHR6:1810008	SSF x LoA	-5,418	0,150	0,279
CHR6	1818456	CHR6:1818456	SSF x LoA	-8,713	-0,183	0,281
CHR6	1828067	CHR6:1828067	SSF x LoA	-9,954	-0,045	0,292
CHR6	1828295	CHR6:1828295	SSF x LoA	-6,918	0,116	0,286
CHR6	1834916	CHR6:1834916	SSF x LoA	-8,634	-0,039	0,298
CHR6	1835042	CHR6:1835042	SSF x LoA	-8,758	0,133	0,283
CHR6	1835129	CHR6:1835129	SSF x LoA	-10,052	0,020	0,285
CHR6	1835162	CHR6:1835162	SSF x LoA	-5,883	-0,050	0,299
CHR6	1835240	CHR6:1835240	SSF x LoA	-11,007	-0,077	0,286
CHR6	1835250	CHR6:1835250	SSF x LoA	-7,057	-0,099	0,288
CHR6	1835277	CHR6:1835277	SSF x LoA	-8,304	0,079	0,288
CHR6	1864317	CHR6:1864317	SSF x LoA	-9,170	-0,081	0,280

CHR6	1864330	CHR6:1864330	SSF x LoA	-9,471	0,027	0,293
CHR6	1868763	CHR6:1868763	SSF x LoA	-7,804	0,121	0,291
CHR6	1868770	CHR6:1868770	SSF x LoA	-8,961	-0,065	0,304
CHR6	1875588	CHR6:1875588	SSF x LoA	-5,458	-0,124	0,280
CHR6	1875591	CHR6:1875591	SSF x LoA	-5,660	-0,134	0,282
CHR6	1878150	CHR6:1878150	SSF x LoA	-10,700	-0,043	0,304
CHR6	1878241	CHR6:1878241	SSF x LoA	-11,581	0,011	0,294
CHR6	1879378	CHR6:1879378	SSF x LoA	-9,899	-0,018	0,286
CHR6	1879482	CHR6:1879482	SSF x LoA	-6,375	-0,022	0,295
CHR6	1890115	CHR6:1890115	SSF x LoA	-5,744	-0,120	0,283
CHR6	1900931	CHR6:1900931	SSF x LoA	-9,428	-0,104	0,282
CHR6	1901098	CHR6:1901098	SSF x LoA	-1,817	0,186	0,286
CHR6	1901104	CHR6:1901104	SSF x LoA	-9,834	-0,024	0,282
CHR6	1901114	CHR6:1901114	SSF x LoA	-7,891	-0,030	0,259
CHR6	1901176	CHR6:1901176	SSF x LoA	-6,976	-0,063	0,299
CHR6	1901177	CHR6:1901177	SSF x LoA	-8,391	-0,084	0,302
CHR6	1901178	CHR6:1901178	SSF x LoA	-8,030	-0,029	0,293
CHR6	1901189	CHR6:1901189	SSF x LoA	0,784	-0,171	0,282
CHR6	1901242	CHR6:1901242	SSF x LoA	-10,985	-0,071	0,293
CHR6	1910039	CHR6:1910039	SSF x LoA	-10,826	0,017	0,283
CHR6	1910164	CHR6:1910164	SSF x LoA	-6,552	-0,212	0,285
CHR6	1910176	CHR6:1910176	SSF x LoA	-8,429	-0,106	0,296
CHR6	1910184	CHR6:1910184	SSF x LoA	-9,880	-0,084	0,294
CHR6	1910219	CHR6:1910219	SSF x LoA	-4,403	-0,258	0,273
CHR6	1932518	CHR6:1932518	SSF x LoA	-8,223	0,162	0,286
CHR6	197848	CHR6:197848	SSF x LoA	-8,476	-0,037	0,294
CHR6	1985507	CHR6:1985507	SSF x LoA	-7,489	0,077	0,275
CHR6	1985648	CHR6:1985648	SSF x LoA	-9,071	-0,141	0,273
CHR6	1986877	CHR6:1986877	SSF x LoA	-9,118	-0,033	0,292
CHR6	1986904	CHR6:1986904	SSF x LoA	-5,681	0,160	0,274
CHR6	1986958	CHR6:1986958	SSF x LoA	-7,349	-0,097	0,279
CHR6	1986980	CHR6:1986980	SSF x LoA	-8,592	-0,043	0,275
CHR6	1992412	CHR6:1992412	SSF x LoA	-5,718	0,200	0,288
CHR6	1992414	CHR6:1992414	SSF x LoA	-6,478	0,190	0,276
CHR6	1992418	CHR6:1992418	SSF x LoA	-6,978	0,169	0,285
CHR6	1992429	CHR6:1992429	SSF x LoA	-4,779	0,203	0,302
CHR6	2000624	CHR6:2000624	SSF x LoA	-4,288	-0,016	0,291
CHR6	2000711	CHR6:2000711	SSF x LoA	-9,469	0,034	0,293
CHR6	2000728	CHR6:2000728	SSF x LoA	-7,774	0,069	0,287
CHR6	2003560	CHR6:2003560	SSF x LoA	-9,696	0,064	0,282
CHR6	2003565	CHR6:2003565	SSF x LoA	-8,347	-0,150	0,286
CHR6	2003574	CHR6:2003574	SSF x LoA	-9,583	0,088	0,296
CHR6	2003663	CHR6:2003663	SSF x LoA	-9,360	-0,089	0,284
CHR6	2003666	CHR6:2003666	SSF x LoA	-5,948	-0,119	0,304
CHR6	2003670	CHR6:2003670	SSF x LoA	-8,638	-0,023	0,299
CHR6	2003695	CHR6:2003695	SSF x LoA	-8,032	-0,158	0,281
CHR6	2003806	CHR6:2003806	SSF x LoA	-10,510	-0,080	0,273
CHR6	2003868	CHR6:2003868	SSF x LoA	-9,358	0,043	0,278
CHR6	2003877	CHR6:2003877	SSF x LoA	-7,774	0,008	0,300
CHR6	2003880	CHR6:2003880	SSF x LoA	-8,851	-0,006	0,294
CHR6	2018783	CHR6:2018783	SSF x LoA	-11,105	-0,042	0,272
CHR6	2019048	CHR6:2019048	SSF x LoA	-8,574	-0,030	0,291
CHR6	2025927	CHR6:2025927	SSF x LoA	-8,051	-0,027	0,290

CHR6	2026028	CHR6:2026028	SSF x LoA	-10,951	0,031	0,285
CHR6	2026057	CHR6:2026057	SSF x LoA	-8,639	-0,030	0,282
CHR6	2031251	CHR6:2031251	SSF x LoA	-9,126	-0,021	0,289
CHR6	2037843	CHR6:2037843	SSF x LoA	-10,757	0,051	0,291
CHR6	2037893	CHR6:2037893	SSF x LoA	-10,146	0,067	0,295
CHR6	2037959	CHR6:2037959	SSF x LoA	-9,132	-0,005	0,281
CHR6	2043504	CHR6:2043504	SSF x LoA	-10,605	-0,031	0,290
CHR6	2043517	CHR6:2043517	SSF x LoA	-10,195	0,014	0,274
CHR6	2043544	CHR6:2043544	SSF x LoA	-9,028	-0,055	0,282
CHR6	2043581	CHR6:2043581	SSF x LoA	-9,986	0,024	0,295
CHR6	2043656	CHR6:2043656	SSF x LoA	-7,131	0,096	0,294
CHR6	2043739	CHR6:2043739	SSF x LoA	-6,521	0,184	0,286
CHR6	2043774	CHR6:2043774	SSF x LoA	-7,773	0,107	0,268
CHR6	2049030	CHR6:2049030	SSF x LoA	-10,646	-0,087	0,291
CHR6	2049087	CHR6:2049087	SSF x LoA	-8,287	-0,062	0,297
CHR6	2049122	CHR6:2049122	SSF x LoA	-8,963	0,071	0,292
CHR6	2049154	CHR6:2049154	SSF x LoA	-8,606	-0,106	0,297
CHR6	2049155	CHR6:2049155	SSF x LoA	-10,798	-0,029	0,304
CHR6	2049157	CHR6:2049157	SSF x LoA	-9,171	-0,044	0,298
CHR6	2055612	CHR6:2055612	SSF x LoA	-8,009	-0,057	0,302
CHR6	2055614	CHR6:2055614	SSF x LoA	-11,343	-0,040	0,293
CHR6	2055709	CHR6:2055709	SSF x LoA	-8,240	0,047	0,298
CHR6	2055775	CHR6:2055775	SSF x LoA	-10,103	-0,004	0,283
CHR6	2055781	CHR6:2055781	SSF x LoA	-5,631	-0,113	0,286
CHR6	2055802	CHR6:2055802	SSF x LoA	-5,178	-0,129	0,281
CHR6	2081749	CHR6:2081749	SSF x LoA	-11,797	0,015	0,292
CHR6	2107576	CHR6:2107576	SSF x LoA	-5,613	0,036	0,304
CHR6	212298	CHR6:212298	SSF x LoA	-11,371	0,005	0,294
CHR6	212352	CHR6:212352	SSF x LoA	-9,475	0,119	0,274
CHR6	2130660	CHR6:2130660	SSF x LoA	-6,950	0,042	0,289
CHR6	21328664	CHR6:21328664	SSF x LoA	-7,227	0,069	0,300
CHR6	21328837	CHR6:21328837	SSF x LoA	-6,601	-0,004	0,309
CHR6	2133928	CHR6:2133928	SSF x LoA	-9,254	0,019	0,305
CHR6	2134113	CHR6:2134113	SSF x LoA	-9,365	-0,098	0,297
CHR6	2134154	CHR6:2134154	SSF x LoA	-7,732	-0,042	0,290
CHR6	21345341	CHR6:21345341	SSF x LoA	-9,347	-0,087	0,277
CHR6	21345532	CHR6:21345532	SSF x LoA	-5,915	-0,119	0,292
CHR6	21359169	CHR6:21359169	SSF x LoA	-9,655	0,120	0,284
CHR6	21359176	CHR6:21359176	SSF x LoA	-7,682	0,110	0,295
CHR6	21359259	CHR6:21359259	SSF x LoA	-9,221	0,008	0,297
CHR6	21361615	CHR6:21361615	SSF x LoA	-10,180	0,025	0,290
CHR6	21372586	CHR6:21372586	SSF x LoA	-10,732	0,017	0,300
CHR6	21372646	CHR6:21372646	SSF x LoA	-7,200	-0,131	0,285
CHR6	21398745	CHR6:21398745	SSF x LoA	-5,835	-0,129	0,296
CHR6	21398748	CHR6:21398748	SSF x LoA	-11,316	0,025	0,273
CHR6	21398813	CHR6:21398813	SSF x LoA	-7,953	0,085	0,282
CHR6	21411091	CHR6:21411091	SSF x LoA	-9,811	0,086	0,304
CHR6	21420460	CHR6:21420460	SSF x LoA	-8,085	-0,009	0,286
CHR6	21420517	CHR6:21420517	SSF x LoA	-9,381	0,071	0,300
CHR6	21420611	CHR6:21420611	SSF x LoA	-9,369	-0,060	0,296
CHR6	21420687	CHR6:21420687	SSF x LoA	-10,299	-0,012	0,298
CHR6	21423313	CHR6:21423313	SSF x LoA	-10,552	-0,039	0,291
CHR6	21423353	CHR6:21423353	SSF x LoA	-5,376	0,173	0,285

CHR6	21423370	CHR6:21423370	SSF x LoA	-10,555	-0,041	0,285
CHR6	21423393	CHR6:21423393	SSF x LoA	-8,180	0,096	0,290
CHR6	21423601	CHR6:21423601	SSF x LoA	-9,977	-0,014	0,301
CHR6	21443884	CHR6:21443884	SSF x LoA	-11,022	-0,024	0,275
CHR6	21443951	CHR6:21443951	SSF x LoA	-9,181	0,012	0,282
CHR6	21443976	CHR6:21443976	SSF x LoA	-4,077	0,163	0,268
CHR6	21443991	CHR6:21443991	SSF x LoA	-6,901	0,113	0,280
CHR6	21444238	CHR6:21444238	SSF x LoA	-8,582	0,018	0,295
CHR6	21444266	CHR6:21444266	SSF x LoA	-6,350	-0,072	0,294
CHR6	21444344	CHR6:21444344	SSF x LoA	-8,993	0,047	0,286
CHR6	21444361	CHR6:21444361	SSF x LoA	-10,281	0,082	0,293
CHR6	21444364	CHR6:21444364	SSF x LoA	-10,255	0,084	0,279
CHR6	21444366	CHR6:21444366	SSF x LoA	-10,090	0,072	0,293
CHR6	21444367	CHR6:21444367	SSF x LoA	-10,589	0,071	0,292
CHR6	21465201	CHR6:21465201	SSF x LoA	-8,628	0,009	0,292
CHR6	21465291	CHR6:21465291	SSF x LoA	-9,507	-0,013	0,290
CHR6	21470777	CHR6:21470777	SSF x LoA	-9,635	-0,130	0,275
CHR6	21470879	CHR6:21470879	SSF x LoA	-9,102	-0,030	0,276
CHR6	21470915	CHR6:21470915	SSF x LoA	-8,503	0,006	0,292
CHR6	21470916	CHR6:21470916	SSF x LoA	-7,834	-0,125	0,289
CHR6	21470926	CHR6:21470926	SSF x LoA	-10,796	0,054	0,285
CHR6	21470934	CHR6:21470934	SSF x LoA	-7,710	-0,128	0,282
CHR6	21470938	CHR6:21470938	SSF x LoA	-7,747	-0,132	0,289
CHR6	21470940	CHR6:21470940	SSF x LoA	-5,059	-0,141	0,292
CHR6	21470954	CHR6:21470954	SSF x LoA	-8,089	0,107	0,301
CHR6	21514404	CHR6:21514404	SSF x LoA	-7,666	0,128	0,286
CHR6	21514525	CHR6:21514525	SSF x LoA	-10,489	0,052	0,296
CHR6	21514551	CHR6:21514551	SSF x LoA	-9,494	-0,009	0,299
CHR6	21514552	CHR6:21514552	SSF x LoA	-8,889	-0,012	0,302
CHR6	21514594	CHR6:21514594	SSF x LoA	-10,197	0,056	0,279
CHR6	21553991	CHR6:21553991	SSF x LoA	-9,571	0,099	0,283
CHR6	21554037	CHR6:21554037	SSF x LoA	-10,531	0,008	0,289
CHR6	21554157	CHR6:21554157	SSF x LoA	-10,139	0,072	0,287
CHR6	21570051	CHR6:21570051	SSF x LoA	-9,960	-0,029	0,287
CHR6	21570075	CHR6:21570075	SSF x LoA	-8,588	0,100	0,270
CHR6	21583846	CHR6:21583846	SSF x LoA	-7,223	0,110	0,277
CHR6	21584060	CHR6:21584060	SSF x LoA	-9,468	-0,032	0,300
CHR6	21592522	CHR6:21592522	SSF x LoA	-10,878	-0,074	0,284
CHR6	21592595	CHR6:21592595	SSF x LoA	-7,002	-0,143	0,291
CHR6	21592625	CHR6:21592625	SSF x LoA	-9,484	-0,087	0,282
CHR6	21592646	CHR6:21592646	SSF x LoA	-6,945	0,083	0,290
CHR6	21592716	CHR6:21592716	SSF x LoA	-9,190	0,029	0,268
CHR6	21592740	CHR6:21592740	SSF x LoA	-9,313	-0,081	0,275
CHR6	21592777	CHR6:21592777	SSF x LoA	-7,068	-0,083	0,269
CHR6	21594635	CHR6:21594635	SSF x LoA	-8,993	-0,003	0,295
CHR6	21594769	CHR6:21594769	SSF x LoA	-9,732	-0,095	0,286
CHR6	21594951	CHR6:21594951	SSF x LoA	-10,973	-0,002	0,269
CHR6	21615918	CHR6:21615918	SSF x LoA	-7,339	-0,190	0,261
CHR6	21616148	CHR6:21616148	SSF x LoA	-7,698	0,117	0,281
CHR6	21624797	CHR6:21624797	SSF x LoA	-7,750	-0,023	0,297
CHR6	21624859	CHR6:21624859	SSF x LoA	-7,885	-0,052	0,288
CHR6	2163242	CHR6:2163242	SSF x LoA	-7,730	0,062	0,300
CHR6	21645234	CHR6:21645234	SSF x LoA	-7,748	0,130	0,284

CHR6	21645275	CHR6:21645275	SSF x LoA	-9,193	0,001	0,278
CHR6	21645287	CHR6:21645287	SSF x LoA	-9,795	0,050	0,302
CHR6	21646966	CHR6:21646966	SSF x LoA	-10,067	-0,046	0,285
CHR6	21646969	CHR6:21646969	SSF x LoA	-6,688	0,032	0,286
CHR6	21646995	CHR6:21646995	SSF x LoA	-8,402	0,016	0,295
CHR6	21647096	CHR6:21647096	SSF x LoA	-7,926	-0,116	0,285
CHR6	21654823	CHR6:21654823	SSF x LoA	-10,683	0,056	0,302
CHR6	21663429	CHR6:21663429	SSF x LoA	-9,934	-0,033	0,294
CHR6	21663585	CHR6:21663585	SSF x LoA	-9,412	0,092	0,293
CHR6	21663595	CHR6:21663595	SSF x LoA	-8,888	-0,124	0,296
CHR6	21663613	CHR6:21663613	SSF x LoA	-8,308	0,110	0,277
CHR6	21663628	CHR6:21663628	SSF x LoA	-8,243	-0,018	0,292
CHR6	21720007	CHR6:21720007	SSF x LoA	0,460	0,120	0,300
CHR6	21720034	CHR6:21720034	SSF x LoA	-8,709	0,116	0,277
CHR6	21720039	CHR6:21720039	SSF x LoA	-11,436	-0,038	0,282
CHR6	21720080	CHR6:21720080	SSF x LoA	-9,561	0,013	0,272
CHR6	21720135	CHR6:21720135	SSF x LoA	-7,342	0,150	0,285
CHR6	21720144	CHR6:21720144	SSF x LoA	-8,296	0,108	0,288
CHR6	21720206	CHR6:21720206	SSF x LoA	-6,329	0,134	0,277
CHR6	21720300	CHR6:21720300	SSF x LoA	-7,427	0,164	0,287
CHR6	21720387	CHR6:21720387	SSF x LoA	-6,093	0,158	0,302
CHR6	21744722	CHR6:21744722	SSF x LoA	-8,221	-0,097	0,276
CHR6	21744749	CHR6:21744749	SSF x LoA	-9,894	-0,084	0,290
CHR6	21744815	CHR6:21744815	SSF x LoA	-0,660	0,114	0,290
CHR6	21744894	CHR6:21744894	SSF x LoA	-9,838	-0,019	0,282
CHR6	21744911	CHR6:21744911	SSF x LoA	-6,812	-0,119	0,298
CHR6	21744912	CHR6:21744912	SSF x LoA	-3,800	-0,081	0,292
CHR6	21744913	CHR6:21744913	SSF x LoA	-9,595	-0,025	0,284
CHR6	21744966	CHR6:21744966	SSF x LoA	-10,527	-0,007	0,304
CHR6	21744982	CHR6:21744982	SSF x LoA	-8,484	-0,051	0,300
CHR6	21811623	CHR6:21811623	SSF x LoA	-3,413	0,108	0,288
CHR6	21811646	CHR6:21811646	SSF x LoA	-10,272	0,090	0,280
CHR6	21811694	CHR6:21811694	SSF x LoA	-4,593	0,127	0,282
CHR6	21811753	CHR6:21811753	SSF x LoA	-6,457	-0,083	0,297
CHR6	21811801	CHR6:21811801	SSF x LoA	-8,204	-0,053	0,291
CHR6	21819049	CHR6:21819049	SSF x LoA	-9,685	0,107	0,281
CHR6	21819382	CHR6:21819382	SSF x LoA	-7,629	0,007	0,283
CHR6	21819441	CHR6:21819441	SSF x LoA	-9,399	0,035	0,294
CHR6	2182278	CHR6:2182278	SSF x LoA	-3,704	-0,040	0,287
CHR6	2182290	CHR6:2182290	SSF x LoA	-9,527	-0,045	0,289
CHR6	2182306	CHR6:2182306	SSF x LoA	-6,834	0,003	0,297
CHR6	21828720	CHR6:21828720	SSF x LoA	-9,140	0,104	0,290
CHR6	21828755	CHR6:21828755	SSF x LoA	-8,731	0,081	0,295
CHR6	21828779	CHR6:21828779	SSF x LoA	-5,469	0,058	0,295
CHR6	21833691	CHR6:21833691	SSF x LoA	-10,445	-0,035	0,294
CHR6	21833783	CHR6:21833783	SSF x LoA	-11,118	0,070	0,290
CHR6	21840691	CHR6:21840691	SSF x LoA	-8,031	0,103	0,264
CHR6	21847644	CHR6:21847644	SSF x LoA	-9,104	-0,036	0,286
CHR6	21847777	CHR6:21847777	SSF x LoA	-10,131	0,068	0,280
CHR6	21847840	CHR6:21847840	SSF x LoA	-10,479	-0,021	0,301
CHR6	21847960	CHR6:21847960	SSF x LoA	-7,026	-0,086	0,290
CHR6	21847968	CHR6:21847968	SSF x LoA	-9,506	-0,026	0,284
CHR6	21849481	CHR6:21849481	SSF x LoA	-8,515	0,003	0,287

CHR6	21849522	CHR6:21849522	SSF x LoA	-7,607	-0,033	0,312
CHR6	21849579	CHR6:21849579	SSF x LoA	-5,336	-0,216	0,279
CHR6	21865963	CHR6:21865963	SSF x LoA	-10,593	0,053	0,276
CHR6	21866021	CHR6:21866021	SSF x LoA	-7,190	0,021	0,277
CHR6	21866027	CHR6:21866027	SSF x LoA	-7,952	0,110	0,286
CHR6	21897611	CHR6:21897611	SSF x LoA	-10,158	-0,005	0,290
CHR6	21897663	CHR6:21897663	SSF x LoA	-7,639	0,028	0,303
CHR6	21897697	CHR6:21897697	SSF x LoA	-10,068	0,004	0,299
CHR6	21901156	CHR6:21901156	SSF x LoA	-3,792	-0,136	0,281
CHR6	2190578	CHR6:2190578	SSF x LoA	-3,049	0,186	0,288
CHR6	2190590	CHR6:2190590	SSF x LoA	-10,508	-0,040	0,290
CHR6	2190747	CHR6:2190747	SSF x LoA	-4,478	-0,027	0,302
CHR6	2190772	CHR6:2190772	SSF x LoA	-8,364	0,083	0,293
CHR6	2190781	CHR6:2190781	SSF x LoA	-4,638	-0,106	0,284
CHR6	2190795	CHR6:2190795	SSF x LoA	-9,996	0,007	0,283
CHR6	2190802	CHR6:2190802	SSF x LoA	-10,129	-0,004	0,300
CHR6	2190806	CHR6:2190806	SSF x LoA	-8,697	-0,028	0,307
CHR6	2190841	CHR6:2190841	SSF x LoA	-7,826	-0,119	0,278
CHR6	2190876	CHR6:2190876	SSF x LoA	-9,908	-0,057	0,283
CHR6	21910795	CHR6:21910795	SSF x LoA	-7,966	0,098	0,283
CHR6	21910822	CHR6:21910822	SSF x LoA	-9,091	0,117	0,293
CHR6	21911642	CHR6:21911642	SSF x LoA	-10,847	0,011	0,291
CHR6	21924983	CHR6:21924983	SSF x LoA	-5,524	-0,104	0,294
CHR6	21924985	CHR6:21924985	SSF x LoA	-8,093	-0,087	0,298
CHR6	21925004	CHR6:21925004	SSF x LoA	-8,016	0,021	0,289
CHR6	21925045	CHR6:21925045	SSF x LoA	-5,441	-0,097	0,286
CHR6	21925081	CHR6:21925081	SSF x LoA	-7,003	-0,127	0,293
CHR6	21925114	CHR6:21925114	SSF x LoA	-8,172	-0,085	0,299
CHR6	21925148	CHR6:21925148	SSF x LoA	-10,011	0,014	0,303
CHR6	21925209	CHR6:21925209	SSF x LoA	-10,126	-0,043	0,281
CHR6	21935953	CHR6:21935953	SSF x LoA	-6,313	0,163	0,299
CHR6	21936088	CHR6:21936088	SSF x LoA	-9,183	0,044	0,298
CHR6	21968255	CHR6:21968255	SSF x LoA	-6,763	0,157	0,275
CHR6	21968267	CHR6:21968267	SSF x LoA	-8,576	-0,105	0,289
CHR6	21977587	CHR6:21977587	SSF x LoA	-9,053	0,016	0,294
CHR6	22000244	CHR6:22000244	SSF x LoA	-8,486	-0,033	0,288
CHR6	22006169	CHR6:22006169	SSF x LoA	-7,308	0,088	0,286
CHR6	22006329	CHR6:22006329	SSF x LoA	-6,466	-0,197	0,294
CHR6	22010096	CHR6:22010096	SSF x LoA	-8,493	-0,100	0,273
CHR6	22010100	CHR6:22010100	SSF x LoA	-9,091	-0,014	0,284
CHR6	22010104	CHR6:22010104	SSF x LoA	-9,281	-0,089	0,280
CHR6	22023060	CHR6:22023060	SSF x LoA	-8,566	0,097	0,278
CHR6	22023071	CHR6:22023071	SSF x LoA	-8,176	0,003	0,289
CHR6	22023269	CHR6:22023269	SSF x LoA	-3,275	-0,203	0,292
CHR6	22027374	CHR6:22027374	SSF x LoA	-9,089	0,016	0,279
CHR6	22029485	CHR6:22029485	SSF x LoA	-11,292	0,053	0,277
CHR6	22029726	CHR6:22029726	SSF x LoA	-9,725	0,035	0,283
CHR6	22030824	CHR6:22030824	SSF x LoA	-5,553	0,196	0,296
CHR6	22032989	CHR6:22032989	SSF x LoA	-9,552	-0,072	0,294
CHR6	22068107	CHR6:22068107	SSF x LoA	-9,042	-0,106	0,280
CHR6	22068184	CHR6:22068184	SSF x LoA	-8,276	0,008	0,290
CHR6	22097063	CHR6:22097063	SSF x LoA	-9,172	-0,015	0,291
CHR6	22097098	CHR6:22097098	SSF x LoA	-7,248	0,051	0,277

CHR6	22097183	CHR6:22097183	SSF x LoA	-9,076	-0,056	0,281
CHR6	22097184	CHR6:22097184	SSF x LoA	-8,165	-0,061	0,267
CHR6	22097216	CHR6:22097216	SSF x LoA	-10,231	0,078	0,282
CHR6	22106275	CHR6:22106275	SSF x LoA	-9,137	-0,003	0,298
CHR6	22110147	CHR6:22110147	SSF x LoA	-6,629	0,000	0,282
CHR6	22110173	CHR6:22110173	SSF x LoA	-8,639	-0,039	0,286
CHR6	22110185	CHR6:22110185	SSF x LoA	-8,381	-0,009	0,276
CHR6	22115907	CHR6:22115907	SSF x LoA	-8,046	0,069	0,300
CHR6	22116153	CHR6:22116153	SSF x LoA	-9,710	-0,076	0,291
CHR6	22116156	CHR6:22116156	SSF x LoA	-8,482	-0,035	0,281
CHR6	22119199	CHR6:22119199	SSF x LoA	-7,294	0,067	0,297
CHR6	22119201	CHR6:22119201	SSF x LoA	-7,760	0,114	0,289
CHR6	22119432	CHR6:22119432	SSF x LoA	-7,892	0,046	0,293
CHR6	22119469	CHR6:22119469	SSF x LoA	-9,296	0,053	0,290
CHR6	22119496	CHR6:22119496	SSF x LoA	-11,621	0,028	0,290
CHR6	22125986	CHR6:22125986	SSF x LoA	-7,881	0,157	0,276
CHR6	22135343	CHR6:22135343	SSF x LoA	-4,369	0,052	0,293
CHR6	22135566	CHR6:22135566	SSF x LoA	-6,508	-0,006	0,290
CHR6	22135620	CHR6:22135620	SSF x LoA	-9,341	0,090	0,279
CHR6	22140693	CHR6:22140693	SSF x LoA	-9,824	0,033	0,292
CHR6	22140708	CHR6:22140708	SSF x LoA	-10,081	0,058	0,296
CHR6	22146323	CHR6:22146323	SSF x LoA	-11,543	0,003	0,285
CHR6	22159735	CHR6:22159735	SSF x LoA	-8,609	-0,110	0,286
CHR6	22159740	CHR6:22159740	SSF x LoA	-9,217	-0,110	0,306
CHR6	22159743	CHR6:22159743	SSF x LoA	-10,553	-0,117	0,289
CHR6	22159775	CHR6:22159775	SSF x LoA	-8,011	-0,010	0,300
CHR6	22159827	CHR6:22159827	SSF x LoA	-10,650	0,008	0,285
CHR6	22159910	CHR6:22159910	SSF x LoA	-9,403	0,095	0,276
CHR6	22159915	CHR6:22159915	SSF x LoA	-10,604	-0,038	0,283
CHR6	22173116	CHR6:22173116	SSF x LoA	-5,877	-0,188	0,278
CHR6	22180932	CHR6:22180932	SSF x LoA	-7,194	-0,093	0,295
CHR6	22180996	CHR6:22180996	SSF x LoA	-9,626	0,116	0,279
CHR6	22181000	CHR6:22181000	SSF x LoA	-9,179	-0,024	0,283
CHR6	22181050	CHR6:22181050	SSF x LoA	-10,302	-0,071	0,286
CHR6	22184641	CHR6:22184641	SSF x LoA	-6,557	-0,074	0,273
CHR6	2218752	CHR6:2218752	SSF x LoA	-5,197	-0,226	0,280
CHR6	2218758	CHR6:2218758	SSF x LoA	-10,032	0,026	0,277
CHR6	2218847	CHR6:2218847	SSF x LoA	-9,786	-0,068	0,289
CHR6	22198530	CHR6:22198530	SSF x LoA	-8,165	-0,023	0,315
CHR6	22201178	CHR6:22201178	SSF x LoA	-6,367	0,153	0,272
CHR6	22208566	CHR6:22208566	SSF x LoA	-10,021	0,057	0,297
CHR6	22211656	CHR6:22211656	SSF x LoA	-10,061	0,119	0,297
CHR6	22211664	CHR6:22211664	SSF x LoA	-10,345	0,043	0,289
CHR6	22213269	CHR6:22213269	SSF x LoA	-8,273	0,086	0,302
CHR6	22225339	CHR6:22225339	SSF x LoA	-8,878	0,033	0,266
CHR6	22225381	CHR6:22225381	SSF x LoA	-8,413	-0,015	0,280
CHR6	22225400	CHR6:22225400	SSF x LoA	-7,991	0,043	0,277
CHR6	22225405	CHR6:22225405	SSF x LoA	-7,105	0,104	0,268
CHR6	22225600	CHR6:22225600	SSF x LoA	-8,582	-0,084	0,285
CHR6	22225609	CHR6:22225609	SSF x LoA	-7,690	0,133	0,279
CHR6	22251181	CHR6:22251181	SSF x LoA	-10,191	0,012	0,291
CHR6	22251199	CHR6:22251199	SSF x LoA	-7,628	-0,011	0,277
CHR6	22251201	CHR6:22251201	SSF x LoA	-9,048	0,000	0,282

CHR6	22251337	CHR6:22251337	SSF x LoA	-7,694	0,104	0,304
CHR6	22251345	CHR6:22251345	SSF x LoA	-6,938	0,100	0,302
CHR6	22251377	CHR6:22251377	SSF x LoA	-10,215	0,052	0,289
CHR6	22251396	CHR6:22251396	SSF x LoA	-9,228	0,092	0,295
CHR6	22251437	CHR6:22251437	SSF x LoA	-9,067	-0,079	0,289
CHR6	22251443	CHR6:22251443	SSF x LoA	-7,127	0,135	0,270
CHR6	22251457	CHR6:22251457	SSF x LoA	-11,489	0,007	0,269
CHR6	22251536	CHR6:22251536	SSF x LoA	-6,015	-0,038	0,294
CHR6	22255235	CHR6:22255235	SSF x LoA	-9,103	0,040	0,311
CHR6	2226632	CHR6:2226632	SSF x LoA	-5,410	0,125	0,295
CHR6	2226651	CHR6:2226651	SSF x LoA	-5,999	-0,099	0,292
CHR6	22266657	CHR6:22266657	SSF x LoA	-10,315	-0,029	0,296
CHR6	22266809	CHR6:22266809	SSF x LoA	-6,131	-0,227	0,276
CHR6	22266848	CHR6:22266848	SSF x LoA	-8,789	0,010	0,283
CHR6	2226815	CHR6:2226815	SSF x LoA	-8,808	-0,050	0,288
CHR6	22269082	CHR6:22269082	SSF x LoA	-4,831	0,029	0,296
CHR6	2232449	CHR6:2232449	SSF x LoA	-10,181	0,017	0,280
CHR6	2232630	CHR6:2232630	SSF x LoA	-8,593	0,048	0,292
CHR6	22332339	CHR6:22332339	SSF x LoA	-8,609	0,040	0,272
CHR6	22332399	CHR6:22332399	SSF x LoA	-7,402	-0,042	0,302
CHR6	22332649	CHR6:22332649	SSF x LoA	-8,859	0,069	0,272
CHR6	22345648	CHR6:22345648	SSF x LoA	-8,429	0,134	0,284
CHR6	22353119	CHR6:22353119	SSF x LoA	-5,922	0,009	0,288
CHR6	22353290	CHR6:22353290	SSF x LoA	-0,714	-0,165	0,285
CHR6	2239585	CHR6:2239585	SSF x LoA	-9,715	-0,060	0,280
CHR6	2239646	CHR6:2239646	SSF x LoA	-8,368	-0,148	0,284
CHR6	2239653	CHR6:2239653	SSF x LoA	-8,636	-0,016	0,289
CHR6	22399113	CHR6:22399113	SSF x LoA	-8,935	-0,061	0,279
CHR6	22471397	CHR6:22471397	SSF x LoA	-1,791	-0,025	0,305
CHR6	22471448	CHR6:22471448	SSF x LoA	-8,080	-0,045	0,274
CHR6	22474802	CHR6:22474802	SSF x LoA	-8,083	0,083	0,298
CHR6	22494449	CHR6:22494449	SSF x LoA	-9,260	0,106	0,286
CHR6	22494464	CHR6:22494464	SSF x LoA	-0,427	-0,110	0,285
CHR6	22494468	CHR6:22494468	SSF x LoA	-6,179	-0,038	0,304
CHR6	22494518	CHR6:22494518	SSF x LoA	-6,233	-0,017	0,303
CHR6	22494536	CHR6:22494536	SSF x LoA	-5,917	0,092	0,291
CHR6	2249633	CHR6:2249633	SSF x LoA	-8,607	0,006	0,283
CHR6	2249634	CHR6:2249634	SSF x LoA	-7,650	0,102	0,275
CHR6	22515542	CHR6:22515542	SSF x LoA	-7,238	0,101	0,281
CHR6	22515545	CHR6:22515545	SSF x LoA	-9,027	-0,055	0,296
CHR6	22515555	CHR6:22515555	SSF x LoA	-10,309	-0,034	0,283
CHR6	22515611	CHR6:22515611	SSF x LoA	-2,976	0,234	0,285
CHR6	22523353	CHR6:22523353	SSF x LoA	-10,123	0,097	0,285
CHR6	22523387	CHR6:22523387	SSF x LoA	-7,218	0,075	0,293
CHR6	22523408	CHR6:22523408	SSF x LoA	-1,839	0,102	0,311
CHR6	22523416	CHR6:22523416	SSF x LoA	-11,791	-0,012	0,291
CHR6	22523418	CHR6:22523418	SSF x LoA	-8,972	0,000	0,280
CHR6	22523443	CHR6:22523443	SSF x LoA	-10,906	-0,029	0,292
CHR6	22532521	CHR6:22532521	SSF x LoA	-7,797	-0,066	0,288
CHR6	22532530	CHR6:22532530	SSF x LoA	-10,939	-0,101	0,274
CHR6	22532556	CHR6:22532556	SSF x LoA	-9,026	-0,060	0,289
CHR6	22543490	CHR6:22543490	SSF x LoA	-6,909	-0,116	0,311
CHR6	22548278	CHR6:22548278	SSF x LoA	-9,596	0,110	0,278

CHR6	22548437	CHR6:22548437	SSF x LoA	-9,090	-0,012	0,301
CHR6	22548532	CHR6:22548532	SSF x LoA	-10,642	0,007	0,294
CHR6	22566802	CHR6:22566802	SSF x LoA	-8,776	0,047	0,285
CHR6	22566841	CHR6:22566841	SSF x LoA	-7,264	-0,054	0,294
CHR6	22566925	CHR6:22566925	SSF x LoA	-6,850	-0,040	0,296
CHR6	22580558	CHR6:22580558	SSF x LoA	-7,841	-0,046	0,288
CHR6	22604651	CHR6:22604651	SSF x LoA	-8,220	-0,009	0,281
CHR6	22604725	CHR6:22604725	SSF x LoA	-8,039	0,136	0,291
CHR6	22614180	CHR6:22614180	SSF x LoA	-9,994	-0,101	0,288
CHR6	22614274	CHR6:22614274	SSF x LoA	-8,163	0,009	0,300
CHR6	2263052	CHR6:2263052	SSF x LoA	-9,614	0,035	0,282
CHR6	2263122	CHR6:2263122	SSF x LoA	-8,474	-0,100	0,290
CHR6	2263174	CHR6:2263174	SSF x LoA	-6,106	-0,052	0,284
CHR6	22641616	CHR6:22641616	SSF x LoA	-8,881	0,076	0,294
CHR6	22641679	CHR6:22641679	SSF x LoA	-7,604	-0,122	0,282
CHR6	22641709	CHR6:22641709	SSF x LoA	-8,938	-0,104	0,281
CHR6	22641749	CHR6:22641749	SSF x LoA	-9,204	-0,067	0,291
CHR6	22641768	CHR6:22641768	SSF x LoA	-7,182	-0,079	0,282
CHR6	22644047	CHR6:22644047	SSF x LoA	-7,041	0,021	0,306
CHR6	22644109	CHR6:22644109	SSF x LoA	-9,801	-0,105	0,278
CHR6	22644121	CHR6:22644121	SSF x LoA	-7,184	-0,107	0,284
CHR6	22644123	CHR6:22644123	SSF x LoA	-4,120	-0,079	0,295
CHR6	22644135	CHR6:22644135	SSF x LoA	-8,336	-0,203	0,282
CHR6	2269372	CHR6:2269372	SSF x LoA	-10,880	0,062	0,291
CHR6	2269396	CHR6:2269396	SSF x LoA	-4,745	-0,176	0,288
CHR6	22709875	CHR6:22709875	SSF x LoA	-2,067	0,001	0,293
CHR6	22709981	CHR6:22709981	SSF x LoA	-9,599	-0,014	0,287
CHR6	22710141	CHR6:22710141	SSF x LoA	-8,862	-0,027	0,298
CHR6	22714696	CHR6:22714696	SSF x LoA	-8,910	0,038	0,280
CHR6	22721107	CHR6:22721107	SSF x LoA	-11,044	-0,019	0,272
CHR6	22727764	CHR6:22727764	SSF x LoA	-8,776	0,047	0,290
CHR6	22736287	CHR6:22736287	SSF x LoA	-2,677	0,159	0,283
CHR6	2274123	CHR6:2274123	SSF x LoA	-8,475	0,066	0,287
CHR6	2274139	CHR6:2274139	SSF x LoA	-9,137	-0,070	0,304
CHR6	2274149	CHR6:2274149	SSF x LoA	-6,128	0,146	0,292
CHR6	2274183	CHR6:2274183	SSF x LoA	-10,865	0,027	0,293
CHR6	22755197	CHR6:22755197	SSF x LoA	-9,493	0,033	0,274
CHR6	22849093	CHR6:22849093	SSF x LoA	-10,486	-0,079	0,273
CHR6	2286366	CHR6:2286366	SSF x LoA	-8,485	0,022	0,295
CHR6	22868124	CHR6:22868124	SSF x LoA	-7,397	0,017	0,302
CHR6	22899327	CHR6:22899327	SSF x LoA	-6,961	0,026	0,310
CHR6	2290547	CHR6:2290547	SSF x LoA	-7,876	-0,084	0,304
CHR6	2290558	CHR6:2290558	SSF x LoA	-11,224	0,024	0,279
CHR6	22913475	CHR6:22913475	SSF x LoA	-7,395	-0,025	0,304
CHR6	22913774	CHR6:22913774	SSF x LoA	-8,125	-0,037	0,302
CHR6	22915278	CHR6:22915278	SSF x LoA	-7,545	0,028	0,299
CHR6	22946180	CHR6:22946180	SSF x LoA	-7,584	0,014	0,305
CHR6	22970537	CHR6:22970537	SSF x LoA	-8,129	-0,001	0,300
CHR6	22991818	CHR6:22991818	SSF x LoA	-7,006	-0,105	0,309
CHR6	23098174	CHR6:23098174	SSF x LoA	-7,526	-0,016	0,297
CHR6	23099450	CHR6:23099450	SSF x LoA	-8,665	-0,005	0,292
CHR6	23122897	CHR6:23122897	SSF x LoA	-7,974	-0,010	0,306
CHR6	23125826	CHR6:23125826	SSF x LoA	-8,407	-0,002	0,297

CHR6	23128225	CHR6:23128225	SSF x LoA	-8,495	-0,041	0,305
CHR6	23129125	CHR6:23129125	SSF x LoA	-8,275	-0,007	0,308
CHR6	2313287	CHR6:2313287	SSF x LoA	-7,984	-0,074	0,282
CHR6	2313341	CHR6:2313341	SSF x LoA	-7,397	0,122	0,278
CHR6	2313376	CHR6:2313376	SSF x LoA	-10,173	-0,110	0,283
CHR6	2313482	CHR6:2313482	SSF x LoA	-9,920	0,041	0,282
CHR6	2315164	CHR6:2315164	SSF x LoA	-6,731	0,132	0,261
CHR6	2315256	CHR6:2315256	SSF x LoA	-8,105	0,071	0,292
CHR6	2317867	CHR6:2317867	SSF x LoA	-10,880	0,096	0,290
CHR6	2317959	CHR6:2317959	SSF x LoA	-9,912	-0,061	0,289
CHR6	2327962	CHR6:2327962	SSF x LoA	-9,934	0,107	0,283
CHR6	2327970	CHR6:2327970	SSF x LoA	-8,392	0,079	0,283
CHR6	2328053	CHR6:2328053	SSF x LoA	-5,293	0,084	0,283
CHR6	2335574	CHR6:2335574	SSF x LoA	-7,862	0,016	0,311
CHR6	2335576	CHR6:2335576	SSF x LoA	-10,976	0,026	0,299
CHR6	2336530	CHR6:2336530	SSF x LoA	-7,529	0,061	0,285
CHR6	2350312	CHR6:2350312	SSF x LoA	-8,639	0,049	0,279
CHR6	2350325	CHR6:2350325	SSF x LoA	-9,840	-0,049	0,288
CHR6	2350373	CHR6:2350373	SSF x LoA	-10,538	-0,077	0,282
CHR6	2350390	CHR6:2350390	SSF x LoA	-8,933	0,043	0,287
CHR6	2350422	CHR6:2350422	SSF x LoA	-9,972	-0,049	0,285
CHR6	2362931	CHR6:2362931	SSF x LoA	-9,881	-0,018	0,284
CHR6	2362951	CHR6:2362951	SSF x LoA	-8,785	0,033	0,301
CHR6	2382681	CHR6:2382681	SSF x LoA	-6,544	-0,076	0,280
CHR6	2382831	CHR6:2382831	SSF x LoA	-8,648	0,100	0,269
CHR6	2382903	CHR6:2382903	SSF x LoA	-8,226	-0,019	0,273
CHR6	2382922	CHR6:2382922	SSF x LoA	-10,510	0,010	0,283
CHR6	2429450	CHR6:2429450	SSF x LoA	0,680	-0,079	0,280
CHR6	2429538	CHR6:2429538	SSF x LoA	-9,390	-0,049	0,298
CHR6	2429696	CHR6:2429696	SSF x LoA	-10,917	0,081	0,293
CHR6	2429707	CHR6:2429707	SSF x LoA	-9,804	-0,080	0,287
CHR6	2434642	CHR6:2434642	SSF x LoA	-10,717	0,015	0,291
CHR6	2434739	CHR6:2434739	SSF x LoA	-8,686	-0,055	0,277
CHR6	2471336	CHR6:2471336	SSF x LoA	-7,965	0,130	0,287
CHR6	2478175	CHR6:2478175	SSF x LoA	-9,823	-0,072	0,279
CHR6	2478180	CHR6:2478180	SSF x LoA	-12,033	-0,040	0,280
CHR6	2478215	CHR6:2478215	SSF x LoA	-5,007	-0,103	0,293
CHR6	2494995	CHR6:2494995	SSF x LoA	-9,285	-0,038	0,282
CHR6	2495024	CHR6:2495024	SSF x LoA	-9,204	-0,027	0,300
CHR6	2495087	CHR6:2495087	SSF x LoA	-5,494	-0,041	0,284
CHR6	2508360	CHR6:2508360	SSF x LoA	-7,181	0,076	0,298
CHR6	2511825	CHR6:2511825	SSF x LoA	-8,413	0,091	0,281
CHR6	2511904	CHR6:2511904	SSF x LoA	-8,263	-0,036	0,277
CHR6	2511912	CHR6:2511912	SSF x LoA	-9,042	-0,012	0,271
CHR6	2511950	CHR6:2511950	SSF x LoA	-11,279	-0,106	0,261
CHR6	2512016	CHR6:2512016	SSF x LoA	-7,597	0,056	0,294
CHR6	251513	CHR6:251513	SSF x LoA	-10,070	0,032	0,297
CHR6	2537839	CHR6:2537839	SSF x LoA	-9,562	-0,010	0,294
CHR6	2542548	CHR6:2542548	SSF x LoA	-11,219	-0,036	0,305
CHR6	2542551	CHR6:2542551	SSF x LoA	-9,420	-0,010	0,293
CHR6	2542657	CHR6:2542657	SSF x LoA	-8,141	0,094	0,276
CHR6	2542679	CHR6:2542679	SSF x LoA	-2,923	-0,168	0,293
CHR6	2542697	CHR6:2542697	SSF x LoA	-8,952	-0,004	0,303

CHR6	2542698	CHR6:2542698	SSF x LoA	-9,172	0,029	0,288
CHR6	2543977	CHR6:2543977	SSF x LoA	-10,868	0,085	0,280
CHR6	2544085	CHR6:2544085	SSF x LoA	-9,713	0,036	0,292
CHR6	2544116	CHR6:2544116	SSF x LoA	-11,116	-0,006	0,282
CHR6	2544220	CHR6:2544220	SSF x LoA	-8,929	-0,013	0,284
CHR6	2544229	CHR6:2544229	SSF x LoA	-9,478	0,000	0,286
CHR6	2544249	CHR6:2544249	SSF x LoA	-9,240	-0,095	0,283
CHR6	2544346	CHR6:2544346	SSF x LoA	-5,968	0,107	0,281
CHR6	2551099	CHR6:2551099	SSF x LoA	-11,077	-0,077	0,290
CHR6	2551103	CHR6:2551103	SSF x LoA	-10,107	-0,027	0,287
CHR6	2551331	CHR6:2551331	SSF x LoA	-7,405	-0,164	0,273
CHR6	2558160	CHR6:2558160	SSF x LoA	-9,642	-0,057	0,264
CHR6	2563149	CHR6:2563149	SSF x LoA	-7,654	-0,105	0,290
CHR6	2563152	CHR6:2563152	SSF x LoA	-3,826	0,185	0,286
CHR6	2563154	CHR6:2563154	SSF x LoA	-8,508	-0,059	0,284
CHR6	2563175	CHR6:2563175	SSF x LoA	-8,499	-0,059	0,299
CHR6	2563184	CHR6:2563184	SSF x LoA	-7,147	-0,068	0,294
CHR6	2568743	CHR6:2568743	SSF x LoA	-8,705	-0,094	0,290
CHR6	2568769	CHR6:2568769	SSF x LoA	-6,493	-0,179	0,278
CHR6	2568789	CHR6:2568789	SSF x LoA	-5,896	-0,169	0,272
CHR6	2569094	CHR6:2569094	SSF x LoA	-7,576	0,115	0,290
CHR6	2569137	CHR6:2569137	SSF x LoA	-7,686	-0,097	0,282
CHR6	2569148	CHR6:2569148	SSF x LoA	-5,029	0,055	0,283
CHR6	2571957	CHR6:2571957	SSF x LoA	-9,720	-0,046	0,286
CHR6	2571969	CHR6:2571969	SSF x LoA	-10,132	-0,036	0,286
CHR6	2571973	CHR6:2571973	SSF x LoA	-10,003	0,067	0,298
CHR6	2573170	CHR6:2573170	SSF x LoA	-6,537	0,112	0,289
CHR6	2623872	CHR6:2623872	SSF x LoA	-3,253	0,174	0,283
CHR6	2638090	CHR6:2638090	SSF x LoA	-7,697	0,068	0,290
CHR6	2642684	CHR6:2642684	SSF x LoA	-11,043	-0,071	0,276
CHR6	2660143	CHR6:2660143	SSF x LoA	-8,408	0,001	0,289
CHR6	2660243	CHR6:2660243	SSF x LoA	-7,398	-0,097	0,302
CHR6	2663946	CHR6:2663946	SSF x LoA	-7,981	0,041	0,311
CHR6	2663989	CHR6:2663989	SSF x LoA	-7,671	0,049	0,288
CHR6	2664174	CHR6:2664174	SSF x LoA	1,657	-0,207	0,281
CHR6	2666949	CHR6:2666949	SSF x LoA	-8,562	-0,090	0,281
CHR6	2666979	CHR6:2666979	SSF x LoA	-9,334	0,079	0,291
CHR6	2667087	CHR6:2667087	SSF x LoA	-9,410	0,031	0,282
CHR6	2667091	CHR6:2667091	SSF x LoA	-7,652	-0,212	0,275
CHR6	2672423	CHR6:2672423	SSF x LoA	-8,705	-0,146	0,288
CHR6	2672481	CHR6:2672481	SSF x LoA	-7,866	-0,094	0,290
CHR6	2672833	CHR6:2672833	SSF x LoA	-7,584	-0,097	0,294
CHR6	2672834	CHR6:2672834	SSF x LoA	-6,001	0,120	0,287
CHR6	2682984	CHR6:2682984	SSF x LoA	-8,638	0,058	0,291
CHR6	2683048	CHR6:2683048	SSF x LoA	-6,987	0,084	0,292
CHR6	2683072	CHR6:2683072	SSF x LoA	-9,015	-0,081	0,281
CHR6	2683097	CHR6:2683097	SSF x LoA	-9,864	0,110	0,297
CHR6	2683141	CHR6:2683141	SSF x LoA	-9,704	-0,027	0,292
CHR6	2683149	CHR6:2683149	SSF x LoA	-9,297	0,060	0,289
CHR6	2683175	CHR6:2683175	SSF x LoA	-8,407	0,000	0,297
CHR6	2683422	CHR6:2683422	SSF x LoA	-9,522	0,092	0,277
CHR6	2708894	CHR6:2708894	SSF x LoA	-6,345	-0,188	0,286
CHR6	2709049	CHR6:2709049	SSF x LoA	-7,414	-0,097	0,300

CHR6	2709084	CHR6:2709084	SSF x LoA	-9,840	-0,042	0,296
CHR6	2709085	CHR6:2709085	SSF x LoA	-9,600	-0,053	0,287
CHR6	2709110	CHR6:2709110	SSF x LoA	-8,015	-0,068	0,285
CHR6	2715024	CHR6:2715024	SSF x LoA	-8,904	-0,129	0,276
CHR6	2715207	CHR6:2715207	SSF x LoA	-9,623	-0,036	0,284
CHR6	2719540	CHR6:2719540	SSF x LoA	-8,650	0,109	0,297
CHR6	2719593	CHR6:2719593	SSF x LoA	-6,933	0,147	0,279
CHR6	2719679	CHR6:2719679	SSF x LoA	-6,974	-0,148	0,288
CHR6	2728319	CHR6:2728319	SSF x LoA	-4,251	0,156	0,289
CHR6	2728512	CHR6:2728512	SSF x LoA	-10,859	0,006	0,290
CHR6	2731616	CHR6:2731616	SSF x LoA	-2,963	0,171	0,269
CHR6	2737214	CHR6:2737214	SSF x LoA	-9,148	0,056	0,290
CHR6	2737242	CHR6:2737242	SSF x LoA	-7,816	0,094	0,298
CHR6	2737265	CHR6:2737265	SSF x LoA	-7,291	-0,088	0,288
CHR6	2751560	CHR6:2751560	SSF x LoA	-7,396	0,071	0,296
CHR6	2751583	CHR6:2751583	SSF x LoA	-9,968	0,037	0,289
CHR6	2751730	CHR6:2751730	SSF x LoA	-10,064	-0,109	0,278
CHR6	2751748	CHR6:2751748	SSF x LoA	-8,967	-0,112	0,278
CHR6	2751782	CHR6:2751782	SSF x LoA	-6,585	0,146	0,279
CHR6	2751790	CHR6:2751790	SSF x LoA	-8,385	-0,057	0,285
CHR6	2757824	CHR6:2757824	SSF x LoA	-10,859	0,013	0,278
CHR6	2758061	CHR6:2758061	SSF x LoA	-11,982	0,025	0,286
CHR6	2758126	CHR6:2758126	SSF x LoA	-8,764	0,031	0,283
CHR6	2762773	CHR6:2762773	SSF x LoA	-6,522	-0,154	0,282
CHR6	2762860	CHR6:2762860	SSF x LoA	-1,832	0,254	0,267
CHR6	2762863	CHR6:2762863	SSF x LoA	-7,772	-0,106	0,293
CHR6	2762959	CHR6:2762959	SSF x LoA	-7,972	0,194	0,291
CHR6	2763149	CHR6:2763149	SSF x LoA	-5,436	-0,193	0,280
CHR6	2763152	CHR6:2763152	SSF x LoA	-6,352	-0,170	0,288
CHR6	2772165	CHR6:2772165	SSF x LoA	-7,384	0,116	0,295
CHR6	2772171	CHR6:2772171	SSF x LoA	-8,840	0,071	0,275
CHR6	2772195	CHR6:2772195	SSF x LoA	-8,198	0,064	0,290
CHR6	2772241	CHR6:2772241	SSF x LoA	-9,596	0,000	0,284
CHR6	2772242	CHR6:2772242	SSF x LoA	-9,099	0,037	0,296
CHR6	2786664	CHR6:2786664	SSF x LoA	-7,297	-0,070	0,304
CHR6	2803424	CHR6:2803424	SSF x LoA	-8,506	-0,035	0,298
CHR6	2803465	CHR6:2803465	SSF x LoA	-10,759	-0,067	0,281
CHR6	2812354	CHR6:2812354	SSF x LoA	-10,466	0,004	0,291
CHR6	2812355	CHR6:2812355	SSF x LoA	-6,721	-0,084	0,263
CHR6	2812588	CHR6:2812588	SSF x LoA	-7,755	0,045	0,282
CHR6	2827498	CHR6:2827498	SSF x LoA	-9,782	-0,055	0,296
CHR6	2827563	CHR6:2827563	SSF x LoA	-8,123	-0,047	0,292
CHR6	2877789	CHR6:2877789	SSF x LoA	-2,819	0,113	0,287
CHR6	2877794	CHR6:2877794	SSF x LoA	-7,831	0,024	0,289
CHR6	2878017	CHR6:2878017	SSF x LoA	-10,413	-0,082	0,289
CHR6	2885456	CHR6:2885456	SSF x LoA	-8,438	0,098	0,277
CHR6	2885483	CHR6:2885483	SSF x LoA	-9,519	-0,022	0,289
CHR6	2885488	CHR6:2885488	SSF x LoA	-7,972	-0,111	0,280
CHR6	2891011	CHR6:2891011	SSF x LoA	-7,461	-0,145	0,294
CHR6	2905396	CHR6:2905396	SSF x LoA	-11,027	-0,055	0,290
CHR6	2922532	CHR6:2922532	SSF x LoA	-8,716	0,003	0,298
CHR6	2922677	CHR6:2922677	SSF x LoA	-8,066	-0,008	0,287
CHR6	2922691	CHR6:2922691	SSF x LoA	-10,383	-0,032	0,300

CHR6	2922697	CHR6:2922697	SSF x LoA	-8,234	-0,003	0,278
CHR6	2944803	CHR6:2944803	SSF x LoA	-8,631	0,034	0,294
CHR6	2944866	CHR6:2944866	SSF x LoA	-5,154	0,113	0,288
CHR6	2944867	CHR6:2944867	SSF x LoA	-8,759	-0,104	0,286
CHR6	2949137	CHR6:2949137	SSF x LoA	-10,977	0,046	0,302
CHR6	2949430	CHR6:2949430	SSF x LoA	-11,799	0,042	0,275
CHR6	2953799	CHR6:2953799	SSF x LoA	-10,601	-0,008	0,294
CHR6	2953894	CHR6:2953894	SSF x LoA	-8,242	0,095	0,274
CHR6	2954067	CHR6:2954067	SSF x LoA	-9,047	0,089	0,274
CHR6	2954083	CHR6:2954083	SSF x LoA	-10,106	0,084	0,283
CHR6	2954101	CHR6:2954101	SSF x LoA	-7,937	0,119	0,287
CHR6	2954102	CHR6:2954102	SSF x LoA	-7,237	0,079	0,285
CHR6	2968143	CHR6:2968143	SSF x LoA	-7,703	-0,010	0,298
CHR6	2968160	CHR6:2968160	SSF x LoA	-10,436	0,013	0,271
CHR6	2968180	CHR6:2968180	SSF x LoA	-9,193	-0,055	0,276
CHR6	2968192	CHR6:2968192	SSF x LoA	-8,045	-0,052	0,286
CHR6	2968200	CHR6:2968200	SSF x LoA	-9,711	-0,102	0,277
CHR6	2968281	CHR6:2968281	SSF x LoA	-8,239	-0,040	0,287
CHR6	2968405	CHR6:2968405	SSF x LoA	-7,678	-0,118	0,281
CHR6	2968546	CHR6:2968546	SSF x LoA	-8,321	-0,096	0,293
CHR6	2976397	CHR6:2976397	SSF x LoA	-8,113	-0,043	0,267
CHR6	2976456	CHR6:2976456	SSF x LoA	-8,005	-0,023	0,300
CHR6	2978346	CHR6:2978346	SSF x LoA	-9,041	0,004	0,297
CHR6	2978388	CHR6:2978388	SSF x LoA	-9,645	0,013	0,283
CHR6	2990617	CHR6:2990617	SSF x LoA	-10,963	0,039	0,294
CHR6	2990658	CHR6:2990658	SSF x LoA	-9,016	0,055	0,289
CHR6	2990716	CHR6:2990716	SSF x LoA	-8,828	0,043	0,277
CHR6	2990758	CHR6:2990758	SSF x LoA	-7,828	0,116	0,296
CHR6	2990772	CHR6:2990772	SSF x LoA	-5,987	0,147	0,286
CHR6	2990847	CHR6:2990847	SSF x LoA	-8,313	0,051	0,290
CHR6	2990852	CHR6:2990852	SSF x LoA	-10,454	-0,012	0,275
CHR6	2990968	CHR6:2990968	SSF x LoA	-9,051	-0,091	0,306
CHR6	2990969	CHR6:2990969	SSF x LoA	-7,786	0,161	0,297
CHR6	2991000	CHR6:2991000	SSF x LoA	-9,385	-0,032	0,296
CHR6	2995566	CHR6:2995566	SSF x LoA	-9,156	0,049	0,289
CHR6	2996471	CHR6:2996471	SSF x LoA	-10,708	-0,002	0,296
CHR6	2996582	CHR6:2996582	SSF x LoA	1,586	0,029	0,288
CHR6	3004162	CHR6:3004162	SSF x LoA	-7,765	-0,027	0,293
CHR6	3004209	CHR6:3004209	SSF x LoA	-10,703	-0,027	0,296
CHR6	3004225	CHR6:3004225	SSF x LoA	-9,490	-0,015	0,299
CHR6	3007991	CHR6:3007991	SSF x LoA	-9,149	0,044	0,289
CHR6	3008032	CHR6:3008032	SSF x LoA	-10,779	0,022	0,287
CHR6	3008044	CHR6:3008044	SSF x LoA	-8,414	0,068	0,263
CHR6	3008083	CHR6:3008083	SSF x LoA	-6,561	0,093	0,284
CHR6	3008109	CHR6:3008109	SSF x LoA	-7,400	0,146	0,290
CHR6	3008264	CHR6:3008264	SSF x LoA	-8,520	0,008	0,288
CHR6	3008268	CHR6:3008268	SSF x LoA	-8,272	0,042	0,286
CHR6	3017905	CHR6:3017905	SSF x LoA	-8,541	-0,033	0,273
CHR6	3017983	CHR6:3017983	SSF x LoA	-9,962	-0,116	0,285
CHR6	3018056	CHR6:3018056	SSF x LoA	-11,086	-0,010	0,283
CHR6	3018128	CHR6:3018128	SSF x LoA	-8,959	0,035	0,303
CHR6	3023363	CHR6:3023363	SSF x LoA	-8,536	-0,077	0,289
CHR6	3034488	CHR6:3034488	SSF x LoA	-8,413	0,031	0,288

CHR6	3034534	CHR6:3034534	SSF x LoA	-7,570	-0,122	0,276
CHR6	3034548	CHR6:3034548	SSF x LoA	-10,444	-0,069	0,276
CHR6	3034562	CHR6:3034562	SSF x LoA	-8,515	-0,093	0,276
CHR6	3037760	CHR6:3037760	SSF x LoA	-7,129	0,053	0,300
CHR6	3037790	CHR6:3037790	SSF x LoA	-7,818	-0,014	0,305
CHR6	3037813	CHR6:3037813	SSF x LoA	-8,971	0,018	0,279
CHR6	3037917	CHR6:3037917	SSF x LoA	-9,017	0,046	0,291
CHR6	3037925	CHR6:3037925	SSF x LoA	-9,579	0,014	0,281
CHR6	3037992	CHR6:3037992	SSF x LoA	-10,511	-0,090	0,296
CHR6	3038049	CHR6:3038049	SSF x LoA	-8,763	0,005	0,275
CHR6	303999	CHR6:303999	SSF x LoA	-10,515	0,065	0,287
CHR6	304111	CHR6:304111	SSF x LoA	-8,430	-0,069	0,291
CHR6	304127	CHR6:304127	SSF x LoA	-7,099	0,042	0,300
CHR6	3075237	CHR6:3075237	SSF x LoA	-10,050	-0,022	0,288
CHR6	3075246	CHR6:3075246	SSF x LoA	-7,618	0,007	0,302
CHR6	3075251	CHR6:3075251	SSF x LoA	-8,591	0,048	0,294
CHR6	3075280	CHR6:3075280	SSF x LoA	-5,562	-0,092	0,284
CHR6	3075303	CHR6:3075303	SSF x LoA	-7,215	0,006	0,284
CHR6	3075411	CHR6:3075411	SSF x LoA	-9,958	0,052	0,297
CHR6	3075486	CHR6:3075486	SSF x LoA	-5,491	-0,163	0,275
CHR6	3099561	CHR6:3099561	SSF x LoA	-9,259	0,091	0,282
CHR6	3099724	CHR6:3099724	SSF x LoA	-10,981	0,027	0,289
CHR6	3099730	CHR6:3099730	SSF x LoA	-11,108	0,061	0,286
CHR6	3114159	CHR6:3114159	SSF x LoA	-7,687	0,107	0,284
CHR6	3114190	CHR6:3114190	SSF x LoA	-8,824	-0,050	0,288
CHR6	3114299	CHR6:3114299	SSF x LoA	-7,789	-0,116	0,270
CHR6	3114360	CHR6:3114360	SSF x LoA	-5,222	-0,134	0,285
CHR6	3114441	CHR6:3114441	SSF x LoA	-9,350	-0,081	0,286
CHR6	3132030	CHR6:3132030	SSF x LoA	-8,036	0,004	0,309
CHR6	3135177	CHR6:3135177	SSF x LoA	-1,922	-0,117	0,269
CHR6	3135204	CHR6:3135204	SSF x LoA	-9,216	-0,020	0,301
CHR6	3135206	CHR6:3135206	SSF x LoA	-8,285	0,050	0,294
CHR6	3135319	CHR6:3135319	SSF x LoA	-9,095	0,026	0,286
CHR6	3135320	CHR6:3135320	SSF x LoA	-8,162	0,045	0,295
CHR6	3135378	CHR6:3135378	SSF x LoA	-10,109	-0,035	0,295
CHR6	3135383	CHR6:3135383	SSF x LoA	-9,751	-0,023	0,304
CHR6	3135412	CHR6:3135412	SSF x LoA	6,264	0,025	0,292
CHR6	3148580	CHR6:3148580	SSF x LoA	-10,616	-0,007	0,287
CHR6	3148824	CHR6:3148824	SSF x LoA	-9,645	0,031	0,299
CHR6	3167717	CHR6:3167717	SSF x LoA	-7,137	0,107	0,294
CHR6	3167722	CHR6:3167722	SSF x LoA	-7,664	0,162	0,275
CHR6	3176119	CHR6:3176119	SSF x LoA	-9,654	0,061	0,291
CHR6	3176171	CHR6:3176171	SSF x LoA	-9,280	-0,060	0,276
CHR6	3176179	CHR6:3176179	SSF x LoA	-11,665	0,006	0,286
CHR6	3176181	CHR6:3176181	SSF x LoA	-8,648	0,032	0,281
CHR6	3176269	CHR6:3176269	SSF x LoA	-9,128	0,021	0,293
CHR6	3180858	CHR6:3180858	SSF x LoA	-10,718	0,041	0,281
CHR6	3180891	CHR6:3180891	SSF x LoA	-7,183	-0,064	0,294
CHR6	3180897	CHR6:3180897	SSF x LoA	-6,635	-0,073	0,269
CHR6	3181607	CHR6:3181607	SSF x LoA	-8,721	-0,091	0,288
CHR6	3181618	CHR6:3181618	SSF x LoA	-8,513	-0,083	0,296
CHR6	3183684	CHR6:3183684	SSF x LoA	-6,975	0,044	0,304
CHR6	3183697	CHR6:3183697	SSF x LoA	-5,819	0,120	0,291

CHR6	3183744	CHR6:3183744	SSF x LoA	-8,507	-0,133	0,283
CHR6	3183860	CHR6:3183860	SSF x LoA	-5,109	-0,088	0,286
CHR6	3198696	CHR6:3198696	SSF x LoA	-10,544	-0,027	0,302
CHR6	3198699	CHR6:3198699	SSF x LoA	-4,089	0,049	0,304
CHR6	3198812	CHR6:3198812	SSF x LoA	-10,600	-0,042	0,316
CHR6	3198863	CHR6:3198863	SSF x LoA	-5,509	0,222	0,279
CHR6	3198875	CHR6:3198875	SSF x LoA	-7,091	-0,108	0,275
CHR6	3212653	CHR6:3212653	SSF x LoA	-8,881	-0,171	0,293
CHR6	3212702	CHR6:3212702	SSF x LoA	-8,738	-0,050	0,308
CHR6	3221834	CHR6:3221834	SSF x LoA	-11,163	-0,049	0,284
CHR6	3221867	CHR6:3221867	SSF x LoA	-7,205	-0,105	0,293
CHR6	3221907	CHR6:3221907	SSF x LoA	-9,001	0,149	0,292
CHR6	3221908	CHR6:3221908	SSF x LoA	-8,923	0,028	0,291
CHR6	3221934	CHR6:3221934	SSF x LoA	-8,042	0,067	0,285
CHR6	3221989	CHR6:3221989	SSF x LoA	-9,779	0,100	0,279
CHR6	3222026	CHR6:3222026	SSF x LoA	-8,268	-0,089	0,287
CHR6	3223591	CHR6:3223591	SSF x LoA	-6,641	0,055	0,276
CHR6	3225337	CHR6:3225337	SSF x LoA	-4,972	-0,113	0,283
CHR6	323293	CHR6:323293	SSF x LoA	-9,067	0,012	0,306
CHR6	3239753	CHR6:3239753	SSF x LoA	-8,863	-0,062	0,293
CHR6	3239791	CHR6:3239791	SSF x LoA	-8,575	-0,037	0,276
CHR6	3239971	CHR6:3239971	SSF x LoA	-11,087	-0,096	0,285
CHR6	325826	CHR6:325826	SSF x LoA	-10,177	-0,020	0,287
CHR6	325835	CHR6:325835	SSF x LoA	-10,182	-0,040	0,290
CHR6	325850	CHR6:325850	SSF x LoA	-7,793	-0,043	0,293
CHR6	325944	CHR6:325944	SSF x LoA	-9,205	-0,142	0,286
CHR6	326123	CHR6:326123	SSF x LoA	-4,367	0,102	0,291
CHR6	3264819	CHR6:3264819	SSF x LoA	-6,266	-0,071	0,281
CHR6	3270049	CHR6:3270049	SSF x LoA	-10,495	-0,054	0,294
CHR6	3297256	CHR6:3297256	SSF x LoA	-10,054	0,040	0,292
CHR6	3297312	CHR6:3297312	SSF x LoA	-7,201	0,153	0,299
CHR6	3301916	CHR6:3301916	SSF x LoA	-8,880	0,085	0,296
CHR6	3301924	CHR6:3301924	SSF x LoA	-10,209	-0,033	0,291
CHR6	3301928	CHR6:3301928	SSF x LoA	-6,312	0,102	0,298
CHR6	3301952	CHR6:3301952	SSF x LoA	-8,956	0,011	0,299
CHR6	3301957	CHR6:3301957	SSF x LoA	-9,809	0,050	0,295
CHR6	3306126	CHR6:3306126	SSF x LoA	-6,964	-0,082	0,285
CHR6	3309828	CHR6:3309828	SSF x LoA	-9,331	-0,032	0,278
CHR6	3318235	CHR6:3318235	SSF x LoA	-6,172	-0,044	0,309
CHR6	3318371	CHR6:3318371	SSF x LoA	-9,092	0,011	0,293
CHR6	3318555	CHR6:3318555	SSF x LoA	-3,877	-0,138	0,295
CHR6	3322048	CHR6:3322048	SSF x LoA	-10,821	0,072	0,284
CHR6	3322067	CHR6:3322067	SSF x LoA	-8,468	0,084	0,300
CHR6	3372292	CHR6:3372292	SSF x LoA	-9,053	0,004	0,283
CHR6	3372337	CHR6:3372337	SSF x LoA	-9,952	0,037	0,300
CHR6	3372373	CHR6:3372373	SSF x LoA	-8,816	0,068	0,282
CHR6	3372416	CHR6:3372416	SSF x LoA	-7,608	-0,023	0,286
CHR6	3372441	CHR6:3372441	SSF x LoA	-9,105	-0,004	0,281
CHR6	3372447	CHR6:3372447	SSF x LoA	-5,589	-0,098	0,291
CHR6	3393794	CHR6:3393794	SSF x LoA	-6,810	-0,080	0,273
CHR6	3396744	CHR6:3396744	SSF x LoA	-9,927	-0,014	0,295
CHR6	3396756	CHR6:3396756	SSF x LoA	-10,369	0,015	0,291
CHR6	3396801	CHR6:3396801	SSF x LoA	-6,712	0,081	0,295

CHR6	3396814	CHR6:3396814	SSF x LoA	-7,625	0,045	0,296
CHR6	3396833	CHR6:3396833	SSF x LoA	-7,933	0,060	0,296
CHR6	3396834	CHR6:3396834	SSF x LoA	-7,478	0,042	0,297
CHR6	3396846	CHR6:3396846	SSF x LoA	-7,984	-0,022	0,285
CHR6	3397506	CHR6:3397506	SSF x LoA	-4,671	0,185	0,279
CHR6	3397515	CHR6:3397515	SSF x LoA	-10,939	0,043	0,276
CHR6	3397606	CHR6:3397606	SSF x LoA	-9,993	-0,007	0,298
CHR6	3402960	CHR6:3402960	SSF x LoA	-9,834	-0,088	0,278
CHR6	3402971	CHR6:3402971	SSF x LoA	-9,534	0,020	0,287
CHR6	3402993	CHR6:3402993	SSF x LoA	-8,675	-0,042	0,284
CHR6	3413649	CHR6:3413649	SSF x LoA	-10,873	0,063	0,292
CHR6	3413953	CHR6:3413953	SSF x LoA	-10,166	0,051	0,281
CHR6	3418412	CHR6:3418412	SSF x LoA	-10,888	-0,046	0,281
CHR6	3418597	CHR6:3418597	SSF x LoA	-11,153	0,028	0,292
CHR6	3418606	CHR6:3418606	SSF x LoA	-6,725	0,034	0,296
CHR6	3432651	CHR6:3432651	SSF x LoA	-11,278	0,037	0,289
CHR6	3432748	CHR6:3432748	SSF x LoA	-8,292	-0,149	0,281
CHR6	3448923	CHR6:3448923	SSF x LoA	-10,558	0,007	0,283
CHR6	3455494	CHR6:3455494	SSF x LoA	-9,772	0,000	0,289
CHR6	3455676	CHR6:3455676	SSF x LoA	-10,750	-0,069	0,295
CHR6	3468247	CHR6:3468247	SSF x LoA	-9,401	-0,010	0,278
CHR6	3478974	CHR6:3478974	SSF x LoA	-9,437	-0,027	0,310
CHR6	3478990	CHR6:3478990	SSF x LoA	-5,973	0,169	0,285
CHR6	3479020	CHR6:3479020	SSF x LoA	-8,403	0,143	0,285
CHR6	3479076	CHR6:3479076	SSF x LoA	-9,131	0,017	0,279
CHR6	3479078	CHR6:3479078	SSF x LoA	-7,302	0,141	0,285
CHR6	3479147	CHR6:3479147	SSF x LoA	-9,890	0,114	0,272
CHR6	3479200	CHR6:3479200	SSF x LoA	-5,602	0,052	0,288
CHR6	3479203	CHR6:3479203	SSF x LoA	-3,251	0,021	0,292
CHR6	3479246	CHR6:3479246	SSF x LoA	-5,957	0,059	0,284
CHR6	3480954	CHR6:3480954	SSF x LoA	-10,434	0,062	0,290
CHR6	3481049	CHR6:3481049	SSF x LoA	-9,478	-0,076	0,283
CHR6	3488342	CHR6:3488342	SSF x LoA	-11,133	0,029	0,290
CHR6	3491241	CHR6:3491241	SSF x LoA	-5,290	0,158	0,295
CHR6	3491267	CHR6:3491267	SSF x LoA	-5,036	-0,047	0,283
CHR6	3491593	CHR6:3491593	SSF x LoA	-7,044	0,076	0,297
CHR6	349709	CHR6:349709	SSF x LoA	-9,292	-0,082	0,293
CHR6	349789	CHR6:349789	SSF x LoA	-9,081	-0,008	0,287
CHR6	3500008	CHR6:3500008	SSF x LoA	-8,772	-0,100	0,284
CHR6	3502666	CHR6:3502666	SSF x LoA	-1,260	0,199	0,279
CHR6	3520308	CHR6:3520308	SSF x LoA	-9,295	0,084	0,286
CHR6	3576576	CHR6:3576576	SSF x LoA	-7,777	0,031	0,284
CHR6	3612118	CHR6:3612118	SSF x LoA	-7,666	-0,052	0,291
CHR6	3612125	CHR6:3612125	SSF x LoA	-8,087	0,047	0,293
CHR6	3616463	CHR6:3616463	SSF x LoA	-7,337	-0,016	0,290
CHR6	3616561	CHR6:3616561	SSF x LoA	-4,805	0,137	0,298
CHR6	3616611	CHR6:3616611	SSF x LoA	-5,561	0,148	0,284
CHR6	3619852	CHR6:3619852	SSF x LoA	-9,432	-0,097	0,278
CHR6	3619933	CHR6:3619933	SSF x LoA	-10,348	0,142	0,274
CHR6	362206	CHR6:362206	SSF x LoA	-9,094	0,157	0,294
CHR6	362374	CHR6:362374	SSF x LoA	-8,787	-0,063	0,296
CHR6	3629758	CHR6:3629758	SSF x LoA	-10,460	-0,040	0,280
CHR6	3637881	CHR6:3637881	SSF x LoA	-7,562	-0,096	0,290

CHR6	3637989	CHR6:3637989	SSF x LoA	-4,739	-0,235	0,268
CHR6	3674555	CHR6:3674555	SSF x LoA	-7,373	-0,010	0,297
CHR6	3674768	CHR6:3674768	SSF x LoA	-3,688	0,220	0,284
CHR6	3677473	CHR6:3677473	SSF x LoA	-9,511	0,091	0,300
CHR6	3677548	CHR6:3677548	SSF x LoA	-8,113	0,073	0,300
CHR6	3680379	CHR6:3680379	SSF x LoA	-6,009	-0,182	0,261
CHR6	3680531	CHR6:3680531	SSF x LoA	-8,580	-0,013	0,290
CHR6	3682389	CHR6:3682389	SSF x LoA	-2,885	0,049	0,291
CHR6	3723738	CHR6:3723738	SSF x LoA	-8,973	-0,059	0,280
CHR6	3726943	CHR6:3726943	SSF x LoA	-6,909	-0,154	0,284
CHR6	3779120	CHR6:3779120	SSF x LoA	-9,224	-0,027	0,266
CHR6	3779142	CHR6:3779142	SSF x LoA	-11,248	0,003	0,293
CHR6	3779373	CHR6:3779373	SSF x LoA	-7,078	-0,027	0,302
CHR6	3789919	CHR6:3789919	SSF x LoA	-8,450	0,070	0,278
CHR6	3799467	CHR6:3799467	SSF x LoA	-6,945	-0,021	0,290
CHR6	3799484	CHR6:3799484	SSF x LoA	-5,782	-0,068	0,289
CHR6	3805389	CHR6:3805389	SSF x LoA	-7,188	-0,013	0,296
CHR6	3809379	CHR6:3809379	SSF x LoA	-10,248	0,011	0,288
CHR6	3809421	CHR6:3809421	SSF x LoA	-10,402	0,037	0,292
CHR6	3809454	CHR6:3809454	SSF x LoA	-10,463	0,040	0,284
CHR6	3820559	CHR6:3820559	SSF x LoA	-10,018	-0,076	0,286
CHR6	3820568	CHR6:3820568	SSF x LoA	-9,890	-0,071	0,287
CHR6	3820678	CHR6:3820678	SSF x LoA	-7,051	0,034	0,284
CHR6	3823969	CHR6:3823969	SSF x LoA	-9,935	0,030	0,302
CHR6	3823990	CHR6:3823990	SSF x LoA	-7,909	0,012	0,288
CHR6	3824025	CHR6:3824025	SSF x LoA	-8,617	0,135	0,278
CHR6	3824040	CHR6:3824040	SSF x LoA	-8,375	0,089	0,289
CHR6	3824081	CHR6:3824081	SSF x LoA	-11,142	-0,041	0,294
CHR6	3824104	CHR6:3824104	SSF x LoA	-5,754	0,178	0,288
CHR6	3826398	CHR6:3826398	SSF x LoA	-8,329	0,032	0,297
CHR6	3826573	CHR6:3826573	SSF x LoA	-8,071	0,107	0,290
CHR6	3826603	CHR6:3826603	SSF x LoA	-11,036	-0,003	0,288
CHR6	3834465	CHR6:3834465	SSF x LoA	-7,647	0,090	0,279
CHR6	3834476	CHR6:3834476	SSF x LoA	-7,717	-0,004	0,301
CHR6	3834500	CHR6:3834500	SSF x LoA	-7,542	-0,166	0,284
CHR6	3834529	CHR6:3834529	SSF x LoA	-8,103	0,038	0,281
CHR6	3834539	CHR6:3834539	SSF x LoA	-8,401	0,052	0,285
CHR6	3834578	CHR6:3834578	SSF x LoA	-8,641	0,023	0,295
CHR6	3834605	CHR6:3834605	SSF x LoA	-11,402	0,037	0,285
CHR6	3834612	CHR6:3834612	SSF x LoA	-11,103	-0,027	0,291
CHR6	3834657	CHR6:3834657	SSF x LoA	-8,121	-0,047	0,294
CHR6	3834686	CHR6:3834686	SSF x LoA	-7,581	0,046	0,296
CHR6	3834823	CHR6:3834823	SSF x LoA	-10,259	-0,004	0,279
CHR6	3834853	CHR6:3834853	SSF x LoA	-5,835	0,136	0,293
CHR6	3843927	CHR6:3843927	SSF x LoA	-8,372	-0,124	0,284
CHR6	3844080	CHR6:3844080	SSF x LoA	-6,303	-0,111	0,274
CHR6	3850492	CHR6:3850492	SSF x LoA	-8,005	-0,051	0,285
CHR6	3850571	CHR6:3850571	SSF x LoA	-3,841	-0,137	0,274
CHR6	3850606	CHR6:3850606	SSF x LoA	-6,281	0,088	0,293
CHR6	3850625	CHR6:3850625	SSF x LoA	-8,124	0,081	0,293
CHR6	3850654	CHR6:3850654	SSF x LoA	-7,381	0,165	0,281
CHR6	3850659	CHR6:3850659	SSF x LoA	-3,633	0,151	0,296
CHR6	3850666	CHR6:3850666	SSF x LoA	-7,374	-0,123	0,276

CHR6	3850667	CHR6:3850667	SSF x LoA	-6,534	0,175	0,281
CHR6	3850679	CHR6:3850679	SSF x LoA	-7,874	0,166	0,285
CHR6	3850691	CHR6:3850691	SSF x LoA	-10,019	0,006	0,284
CHR6	3850793	CHR6:3850793	SSF x LoA	-8,249	-0,131	0,290
CHR6	3850820	CHR6:3850820	SSF x LoA	-11,215	0,073	0,285
CHR6	3860326	CHR6:3860326	SSF x LoA	-9,858	0,085	0,300
CHR6	3860404	CHR6:3860404	SSF x LoA	-9,920	0,020	0,298
CHR6	3860414	CHR6:3860414	SSF x LoA	-8,902	-0,004	0,267
CHR6	3878908	CHR6:3878908	SSF x LoA	-9,832	-0,024	0,294
CHR6	3879563	CHR6:3879563	SSF x LoA	-6,981	-0,148	0,281
CHR6	3910113	CHR6:3910113	SSF x LoA	-9,519	-0,048	0,283
CHR6	3918225	CHR6:3918225	SSF x LoA	-4,244	-0,217	0,280
CHR6	3918241	CHR6:3918241	SSF x LoA	-9,789	0,014	0,289
CHR6	3918259	CHR6:3918259	SSF x LoA	-7,486	-0,210	0,278
CHR6	3918262	CHR6:3918262	SSF x LoA	-11,093	0,013	0,288
CHR6	3936136	CHR6:3936136	SSF x LoA	-7,505	-0,015	0,296
CHR6	3942528	CHR6:3942528	SSF x LoA	-10,541	-0,013	0,292
CHR6	3942529	CHR6:3942529	SSF x LoA	-2,726	0,034	0,309
CHR6	394362	CHR6:394362	SSF x LoA	-11,438	0,044	0,294
CHR6	394383	CHR6:394383	SSF x LoA	-9,357	-0,055	0,274
CHR6	394490	CHR6:394490	SSF x LoA	3,951	0,134	0,285
CHR6	3961893	CHR6:3961893	SSF x LoA	-6,916	0,104	0,264
CHR6	3961918	CHR6:3961918	SSF x LoA	-8,155	-0,066	0,279
CHR6	3962038	CHR6:3962038	SSF x LoA	-7,336	0,084	0,291
CHR6	3976485	CHR6:3976485	SSF x LoA	-10,572	-0,100	0,287
CHR6	3981126	CHR6:3981126	SSF x LoA	-8,462	0,127	0,287
CHR6	3982137	CHR6:3982137	SSF x LoA	-10,892	-0,008	0,285
CHR6	3982159	CHR6:3982159	SSF x LoA	-8,833	-0,100	0,295
CHR6	3982194	CHR6:3982194	SSF x LoA	-7,973	0,105	0,274
CHR6	398317	CHR6:398317	SSF x LoA	-6,181	0,126	0,279
CHR6	3996580	CHR6:3996580	SSF x LoA	-8,919	-0,114	0,291
CHR6	3996605	CHR6:3996605	SSF x LoA	-11,140	0,007	0,275
CHR6	4018582	CHR6:4018582	SSF x LoA	-8,282	-0,003	0,302
CHR6	4018584	CHR6:4018584	SSF x LoA	-0,396	-0,040	0,301
CHR6	4018586	CHR6:4018586	SSF x LoA	-2,094	-0,009	0,281
CHR6	4018608	CHR6:4018608	SSF x LoA	-8,374	-0,006	0,309
CHR6	4018634	CHR6:4018634	SSF x LoA	-8,597	0,057	0,283
CHR6	4018691	CHR6:4018691	SSF x LoA	-10,077	-0,076	0,280
CHR6	4021998	CHR6:4021998	SSF x LoA	-9,718	0,084	0,284
CHR6	4022030	CHR6:4022030	SSF x LoA	-7,069	-0,088	0,292
CHR6	4022046	CHR6:4022046	SSF x LoA	-10,160	0,031	0,290
CHR6	4022079	CHR6:4022079	SSF x LoA	-10,013	-0,010	0,281
CHR6	4027809	CHR6:4027809	SSF x LoA	-8,271	0,024	0,287
CHR6	4027875	CHR6:4027875	SSF x LoA	-7,832	-0,030	0,288
CHR6	4027909	CHR6:4027909	SSF x LoA	-2,212	0,033	0,305
CHR6	4034506	CHR6:4034506	SSF x LoA	-7,669	-0,015	0,289
CHR6	4037014	CHR6:4037014	SSF x LoA	-9,791	0,030	0,293
CHR6	4037065	CHR6:4037065	SSF x LoA	-8,219	0,150	0,279
CHR6	4037100	CHR6:4037100	SSF x LoA	-6,978	-0,038	0,295
CHR6	4037107	CHR6:4037107	SSF x LoA	-8,872	-0,018	0,284
CHR6	4042897	CHR6:4042897	SSF x LoA	-10,593	0,016	0,297
CHR6	4043018	CHR6:4043018	SSF x LoA	-6,580	0,069	0,293
CHR6	4043156	CHR6:4043156	SSF x LoA	-2,910	0,123	0,290

CHR6	4043217	CHR6:4043217	SSF x LoA	-7,119	-0,018	0,298
CHR6	4063614	CHR6:4063614	SSF x LoA	-8,491	0,025	0,283
CHR6	4071429	CHR6:4071429	SSF x LoA	-6,334	-0,190	0,285
CHR6	4071534	CHR6:4071534	SSF x LoA	-10,288	0,014	0,294
CHR6	4088606	CHR6:4088606	SSF x LoA	-8,353	-0,026	0,301
CHR6	4104464	CHR6:4104464	SSF x LoA	-6,953	-0,095	0,299
CHR6	4104561	CHR6:4104561	SSF x LoA	-7,755	0,053	0,285
CHR6	4104710	CHR6:4104710	SSF x LoA	-2,153	0,017	0,289
CHR6	4109386	CHR6:4109386	SSF x LoA	-8,761	0,094	0,294
CHR6	4109463	CHR6:4109463	SSF x LoA	-10,753	0,001	0,280
CHR6	4134630	CHR6:4134630	SSF x LoA	-6,853	0,108	0,288
CHR6	4134750	CHR6:4134750	SSF x LoA	-8,450	-0,073	0,291
CHR6	4143193	CHR6:4143193	SSF x LoA	-8,462	-0,093	0,305
CHR6	4143263	CHR6:4143263	SSF x LoA	-8,039	0,081	0,288
CHR6	4143483	CHR6:4143483	SSF x LoA	-6,698	-0,080	0,299
CHR6	4146062	CHR6:4146062	SSF x LoA	-8,616	-0,033	0,295
CHR6	4146213	CHR6:4146213	SSF x LoA	-8,377	0,052	0,288
CHR6	4147219	CHR6:4147219	SSF x LoA	-8,892	-0,036	0,293
CHR6	4147290	CHR6:4147290	SSF x LoA	-9,785	-0,081	0,284
CHR6	4154045	CHR6:4154045	SSF x LoA	-5,633	-0,101	0,288
CHR6	4154072	CHR6:4154072	SSF x LoA	-9,141	-0,001	0,304
CHR6	4154168	CHR6:4154168	SSF x LoA	-8,826	-0,128	0,281
CHR6	4154181	CHR6:4154181	SSF x LoA	-9,138	0,003	0,273
CHR6	4154185	CHR6:4154185	SSF x LoA	-7,473	-0,027	0,291
CHR6	4154206	CHR6:4154206	SSF x LoA	-8,493	0,130	0,297
CHR6	4154239	CHR6:4154239	SSF x LoA	-9,104	0,089	0,306
CHR6	4162542	CHR6:4162542	SSF x LoA	-7,705	0,038	0,299
CHR6	4164050	CHR6:4164050	SSF x LoA	-7,505	0,056	0,291
CHR6	4165365	CHR6:4165365	SSF x LoA	-3,943	0,227	0,267
CHR6	4165481	CHR6:4165481	SSF x LoA	-1,620	0,269	0,253
CHR6	4169332	CHR6:4169332	SSF x LoA	-8,008	-0,105	0,285
CHR6	420150	CHR6:420150	SSF x LoA	-10,639	0,015	0,282
CHR6	420244	CHR6:420244	SSF x LoA	-10,295	0,067	0,287
CHR6	420264	CHR6:420264	SSF x LoA	-7,242	0,124	0,281
CHR6	420373	CHR6:420373	SSF x LoA	-8,971	0,070	0,278
CHR6	4211641	CHR6:4211641	SSF x LoA	-10,081	-0,093	0,277
CHR6	4222350	CHR6:4222350	SSF x LoA	-8,522	0,054	0,293
CHR6	4222399	CHR6:4222399	SSF x LoA	-9,382	-0,064	0,287
CHR6	4223440	CHR6:4223440	SSF x LoA	-10,943	-0,025	0,302
CHR6	4223497	CHR6:4223497	SSF x LoA	-8,589	0,071	0,301
CHR6	4223504	CHR6:4223504	SSF x LoA	-6,913	-0,027	0,303
CHR6	4223581	CHR6:4223581	SSF x LoA	-8,320	-0,034	0,277
CHR6	4223676	CHR6:4223676	SSF x LoA	-6,983	0,174	0,272
CHR6	4223692	CHR6:4223692	SSF x LoA	-8,036	0,140	0,272
CHR6	4225635	CHR6:4225635	SSF x LoA	-9,312	-0,118	0,275
CHR6	4225687	CHR6:4225687	SSF x LoA	-10,429	0,036	0,289
CHR6	4232650	CHR6:4232650	SSF x LoA	-9,988	0,049	0,288
CHR6	4232676	CHR6:4232676	SSF x LoA	-6,961	-0,149	0,290
CHR6	4234569	CHR6:4234569	SSF x LoA	-9,482	0,024	0,281
CHR6	4234592	CHR6:4234592	SSF x LoA	-6,846	0,027	0,294
CHR6	4234640	CHR6:4234640	SSF x LoA	-7,273	-0,058	0,278
CHR6	4234656	CHR6:4234656	SSF x LoA	-10,214	-0,001	0,294
CHR6	4234693	CHR6:4234693	SSF x LoA	-8,157	-0,045	0,278

CHR6	4236812	CHR6:4236812	SSF x LoA	-10,134	-0,001	0,294
CHR6	4236837	CHR6:4236837	SSF x LoA	-7,664	-0,022	0,295
CHR6	4236852	CHR6:4236852	SSF x LoA	-10,207	0,008	0,284
CHR6	4237062	CHR6:4237062	SSF x LoA	-7,727	-0,054	0,282
CHR6	4254370	CHR6:4254370	SSF x LoA	-8,145	0,062	0,295
CHR6	4254474	CHR6:4254474	SSF x LoA	-6,862	-0,110	0,286
CHR6	4254483	CHR6:4254483	SSF x LoA	-8,431	-0,064	0,282
CHR6	4254513	CHR6:4254513	SSF x LoA	-7,428	0,042	0,289
CHR6	4254642	CHR6:4254642	SSF x LoA	-9,889	-0,038	0,302
CHR6	4265542	CHR6:4265542	SSF x LoA	-9,697	-0,068	0,285
CHR6	4265673	CHR6:4265673	SSF x LoA	-7,026	0,027	0,288
CHR6	4269766	CHR6:4269766	SSF x LoA	-5,708	-0,197	0,267
CHR6	4270840	CHR6:4270840	SSF x LoA	-10,381	-0,009	0,286
CHR6	4274531	CHR6:4274531	SSF x LoA	-10,497	-0,031	0,293
CHR6	4275448	CHR6:4275448	SSF x LoA	-6,960	0,195	0,288
CHR6	4275455	CHR6:4275455	SSF x LoA	-6,485	0,155	0,294
CHR6	4275500	CHR6:4275500	SSF x LoA	-7,432	0,057	0,298
CHR6	4285714	CHR6:4285714	SSF x LoA	-3,762	0,127	0,291
CHR6	4286634	CHR6:4286634	SSF x LoA	-1,224	0,011	0,307
CHR6	4286639	CHR6:4286639	SSF x LoA	-10,463	0,032	0,288
CHR6	4286660	CHR6:4286660	SSF x LoA	-9,876	-0,066	0,286
CHR6	4286707	CHR6:4286707	SSF x LoA	-6,745	0,030	0,287
CHR6	4286804	CHR6:4286804	SSF x LoA	-9,167	0,121	0,264
CHR6	4286848	CHR6:4286848	SSF x LoA	-8,129	0,023	0,291
CHR6	4286885	CHR6:4286885	SSF x LoA	-9,719	0,025	0,296
CHR6	4286893	CHR6:4286893	SSF x LoA	-8,816	-0,018	0,304
CHR6	4288640	CHR6:4288640	SSF x LoA	-6,932	0,068	0,284
CHR6	4288906	CHR6:4288906	SSF x LoA	-8,393	-0,055	0,288
CHR6	4299233	CHR6:4299233	SSF x LoA	-8,823	-0,060	0,288
CHR6	4299287	CHR6:4299287	SSF x LoA	-9,737	-0,016	0,287
CHR6	4299337	CHR6:4299337	SSF x LoA	-5,793	0,219	0,270
CHR6	4301605	CHR6:4301605	SSF x LoA	19,571	-0,079	0,295
CHR6	4301644	CHR6:4301644	SSF x LoA	-6,703	-0,103	0,283
CHR6	431060	CHR6:431060	SSF x LoA	-8,943	-0,061	0,299
CHR6	431067	CHR6:431067	SSF x LoA	-9,251	-0,027	0,295
CHR6	431076	CHR6:431076	SSF x LoA	-11,136	0,002	0,292
CHR6	431084	CHR6:431084	SSF x LoA	-9,442	-0,090	0,292
CHR6	431095	CHR6:431095	SSF x LoA	-8,638	-0,098	0,291
CHR6	431197	CHR6:431197	SSF x LoA	-7,882	-0,074	0,290
CHR6	4318279	CHR6:4318279	SSF x LoA	-7,058	0,135	0,277
CHR6	4318292	CHR6:4318292	SSF x LoA	-6,870	0,039	0,293
CHR6	4318353	CHR6:4318353	SSF x LoA	-8,140	-0,050	0,284
CHR6	4322370	CHR6:4322370	SSF x LoA	-7,956	0,027	0,285
CHR6	4322392	CHR6:4322392	SSF x LoA	-8,811	0,010	0,299
CHR6	4322419	CHR6:4322419	SSF x LoA	-6,939	0,047	0,286
CHR6	4322545	CHR6:4322545	SSF x LoA	-9,646	0,019	0,294
CHR6	4322705	CHR6:4322705	SSF x LoA	-10,102	-0,007	0,287
CHR6	4381579	CHR6:4381579	SSF x LoA	-10,975	0,042	0,288
CHR6	439786	CHR6:439786	SSF x LoA	-10,073	-0,007	0,285
CHR6	4403503	CHR6:4403503	SSF x LoA	-4,067	0,191	0,282
CHR6	4403529	CHR6:4403529	SSF x LoA	-10,519	-0,065	0,293
CHR6	4412203	CHR6:4412203	SSF x LoA	-7,950	-0,059	0,294
CHR6	4412340	CHR6:4412340	SSF x LoA	-8,572	-0,166	0,292

CHR6	4425709	CHR6:4425709	SSF x LoA	-9,799	0,031	0,289
CHR6	4440971	CHR6:4440971	SSF x LoA	-10,192	0,005	0,300
CHR6	4440984	CHR6:4440984	SSF x LoA	-8,793	-0,133	0,297
CHR6	4441200	CHR6:4441200	SSF x LoA	-9,125	0,023	0,280
CHR6	445736	CHR6:445736	SSF x LoA	-8,829	0,000	0,296
CHR6	445738	CHR6:445738	SSF x LoA	-8,473	-0,003	0,308
CHR6	445741	CHR6:445741	SSF x LoA	-6,639	0,011	0,311
CHR6	445746	CHR6:445746	SSF x LoA	-8,818	-0,001	0,289
CHR6	445754	CHR6:445754	SSF x LoA	-4,316	0,014	0,314
CHR6	445758	CHR6:445758	SSF x LoA	-7,191	0,021	0,299
CHR6	445759	CHR6:445759	SSF x LoA	-7,899	0,019	0,305
CHR6	445789	CHR6:445789	SSF x LoA	-7,688	0,018	0,301
CHR6	445800	CHR6:445800	SSF x LoA	-6,864	-0,004	0,302
CHR6	445802	CHR6:445802	SSF x LoA	-8,266	0,017	0,298
CHR6	445810	CHR6:445810	SSF x LoA	-7,426	-0,029	0,309
CHR6	445829	CHR6:445829	SSF x LoA	-9,006	0,002	0,297
CHR6	4463375	CHR6:4463375	SSF x LoA	-9,322	-0,012	0,291
CHR6	4463376	CHR6:4463376	SSF x LoA	-8,703	0,013	0,293
CHR6	4463411	CHR6:4463411	SSF x LoA	-7,079	0,029	0,295
CHR6	4465380	CHR6:4465380	SSF x LoA	-8,868	-0,072	0,290
CHR6	4465468	CHR6:4465468	SSF x LoA	-9,639	0,072	0,293
CHR6	4465481	CHR6:4465481	SSF x LoA	-8,694	0,010	0,296
CHR6	4465742	CHR6:4465742	SSF x LoA	-6,712	-0,140	0,281
CHR6	4474435	CHR6:4474435	SSF x LoA	-8,425	0,059	0,289
CHR6	4474464	CHR6:4474464	SSF x LoA	-9,523	-0,032	0,285
CHR6	4474470	CHR6:4474470	SSF x LoA	-6,045	-0,104	0,277
CHR6	4474490	CHR6:4474490	SSF x LoA	-8,052	-0,050	0,299
CHR6	4474491	CHR6:4474491	SSF x LoA	-6,743	-0,129	0,290
CHR6	4474502	CHR6:4474502	SSF x LoA	-7,787	-0,067	0,289
CHR6	4474514	CHR6:4474514	SSF x LoA	0,888	-0,076	0,287
CHR6	4474584	CHR6:4474584	SSF x LoA	-8,706	-0,121	0,286
CHR6	4474634	CHR6:4474634	SSF x LoA	-6,273	0,159	0,295
CHR6	4474635	CHR6:4474635	SSF x LoA	-9,111	0,073	0,287
CHR6	4474638	CHR6:4474638	SSF x LoA	-8,225	0,106	0,275
CHR6	4476331	CHR6:4476331	SSF x LoA	-8,734	-0,085	0,303
CHR6	4476353	CHR6:4476353	SSF x LoA	-6,780	0,061	0,288
CHR6	4501021	CHR6:4501021	SSF x LoA	-7,673	-0,170	0,284
CHR6	4501286	CHR6:4501286	SSF x LoA	-7,416	-0,013	0,296
CHR6	4516759	CHR6:4516759	SSF x LoA	-9,610	0,075	0,300
CHR6	4518391	CHR6:4518391	SSF x LoA	-8,604	-0,041	0,283
CHR6	4518394	CHR6:4518394	SSF x LoA	-9,567	-0,007	0,282
CHR6	4518417	CHR6:4518417	SSF x LoA	-7,823	0,002	0,289
CHR6	4518420	CHR6:4518420	SSF x LoA	-11,308	0,073	0,278
CHR6	4533362	CHR6:4533362	SSF x LoA	-6,714	0,017	0,320
CHR6	4533364	CHR6:4533364	SSF x LoA	-7,988	0,038	0,306
CHR6	4533478	CHR6:4533478	SSF x LoA	-11,231	0,008	0,293
CHR6	4533519	CHR6:4533519	SSF x LoA	-9,231	-0,059	0,265
CHR6	4533525	CHR6:4533525	SSF x LoA	-4,020	0,217	0,274
CHR6	4533542	CHR6:4533542	SSF x LoA	-9,000	0,003	0,286
CHR6	4592759	CHR6:4592759	SSF x LoA	-7,577	0,078	0,295
CHR6	4592905	CHR6:4592905	SSF x LoA	-9,322	0,061	0,295
CHR6	4592981	CHR6:4592981	SSF x LoA	-8,431	-0,057	0,288
CHR6	4592983	CHR6:4592983	SSF x LoA	-7,811	0,074	0,273

CHR6	4595524	CHR6:4595524	SSF x LoA	-10,571	-0,047	0,288
CHR6	4595525	CHR6:4595525	SSF x LoA	-11,164	-0,051	0,284
CHR6	4595705	CHR6:4595705	SSF x LoA	-8,222	-0,146	0,267
CHR6	4595715	CHR6:4595715	SSF x LoA	-9,226	-0,001	0,284
CHR6	4632136	CHR6:4632136	SSF x LoA	-9,259	0,019	0,273
CHR6	4632204	CHR6:4632204	SSF x LoA	-8,189	-0,043	0,278
CHR6	4633907	CHR6:4633907	SSF x LoA	-9,076	-0,028	0,299
CHR6	4639551	CHR6:4639551	SSF x LoA	-8,236	-0,099	0,284
CHR6	4639568	CHR6:4639568	SSF x LoA	-9,110	0,058	0,296
CHR6	4639579	CHR6:4639579	SSF x LoA	-9,036	-0,088	0,287
CHR6	4639795	CHR6:4639795	SSF x LoA	-6,743	-0,143	0,287
CHR6	4639818	CHR6:4639818	SSF x LoA	-2,915	-0,132	0,290
CHR6	4656573	CHR6:4656573	SSF x LoA	-10,128	-0,103	0,273
CHR6	4656591	CHR6:4656591	SSF x LoA	-8,061	-0,173	0,287
CHR6	4656626	CHR6:4656626	SSF x LoA	-6,370	0,086	0,289
CHR6	4661738	CHR6:4661738	SSF x LoA	-7,404	-0,149	0,288
CHR6	4661766	CHR6:4661766	SSF x LoA	-8,846	-0,079	0,289
CHR6	4661871	CHR6:4661871	SSF x LoA	-9,566	0,028	0,290
CHR6	4661881	CHR6:4661881	SSF x LoA	-5,177	0,182	0,278
CHR6	4661910	CHR6:4661910	SSF x LoA	-9,886	-0,014	0,282
CHR6	4661918	CHR6:4661918	SSF x LoA	-1,114	0,187	0,285
CHR6	4661962	CHR6:4661962	SSF x LoA	-4,439	-0,017	0,310
CHR6	4667639	CHR6:4667639	SSF x LoA	-9,655	0,064	0,300
CHR6	4667644	CHR6:4667644	SSF x LoA	-7,989	0,009	0,300
CHR6	4667742	CHR6:4667742	SSF x LoA	-8,174	-0,021	0,285
CHR6	4685187	CHR6:4685187	SSF x LoA	-9,310	-0,012	0,281
CHR6	4685260	CHR6:4685260	SSF x LoA	-9,019	0,018	0,309
CHR6	4686349	CHR6:4686349	SSF x LoA	-5,062	-0,122	0,309
CHR6	4689568	CHR6:4689568	SSF x LoA	-8,308	0,103	0,287
CHR6	4689575	CHR6:4689575	SSF x LoA	-8,391	-0,028	0,290
CHR6	4689650	CHR6:4689650	SSF x LoA	-8,116	-0,073	0,299
CHR6	4714634	CHR6:4714634	SSF x LoA	-7,742	0,051	0,282
CHR6	4714649	CHR6:4714649	SSF x LoA	-9,408	0,096	0,287
CHR6	4714727	CHR6:4714727	SSF x LoA	-10,474	0,032	0,302
CHR6	4714734	CHR6:4714734	SSF x LoA	-4,280	0,176	0,273
CHR6	4714745	CHR6:4714745	SSF x LoA	-8,764	-0,075	0,288
CHR6	4714752	CHR6:4714752	SSF x LoA	-9,286	0,026	0,289
CHR6	4714778	CHR6:4714778	SSF x LoA	-9,180	0,040	0,294
CHR6	4714821	CHR6:4714821	SSF x LoA	-8,234	-0,010	0,269
CHR6	4714878	CHR6:4714878	SSF x LoA	-8,934	-0,040	0,292
CHR6	4722183	CHR6:4722183	SSF x LoA	-7,380	0,037	0,303
CHR6	4722334	CHR6:4722334	SSF x LoA	-6,395	-0,168	0,280
CHR6	472767	CHR6:472767	SSF x LoA	-8,002	-0,061	0,277
CHR6	472802	CHR6:472802	SSF x LoA	-7,951	0,067	0,273
CHR6	4757221	CHR6:4757221	SSF x LoA	-7,043	0,060	0,289
CHR6	4757262	CHR6:4757262	SSF x LoA	-9,425	-0,030	0,294
CHR6	4757454	CHR6:4757454	SSF x LoA	-8,350	-0,099	0,289
CHR6	4757466	CHR6:4757466	SSF x LoA	-7,599	0,050	0,284
CHR6	4769355	CHR6:4769355	SSF x LoA	-9,953	-0,038	0,303
CHR6	4769361	CHR6:4769361	SSF x LoA	-8,303	0,085	0,284
CHR6	477652	CHR6:477652	SSF x LoA	-9,851	0,001	0,300
CHR6	477664	CHR6:477664	SSF x LoA	-7,400	0,025	0,271
CHR6	4780505	CHR6:4780505	SSF x LoA	-8,386	-0,059	0,291

CHR6	4782187	CHR6:4782187	SSF x LoA	-10,685	-0,015	0,284
CHR6	4785861	CHR6:4785861	SSF x LoA	-7,574	-0,118	0,287
CHR6	4793546	CHR6:4793546	SSF x LoA	-9,510	0,070	0,285
CHR6	4809416	CHR6:4809416	SSF x LoA	-7,694	-0,050	0,312
CHR6	4810697	CHR6:4810697	SSF x LoA	-9,447	0,025	0,293
CHR6	4829079	CHR6:4829079	SSF x LoA	-7,484	0,093	0,298
CHR6	4829084	CHR6:4829084	SSF x LoA	-7,269	-0,030	0,298
CHR6	4829116	CHR6:4829116	SSF x LoA	-8,861	0,074	0,282
CHR6	4829124	CHR6:4829124	SSF x LoA	-9,284	0,052	0,287
CHR6	4830266	CHR6:4830266	SSF x LoA	-7,656	-0,035	0,286
CHR6	4830267	CHR6:4830267	SSF x LoA	-7,535	-0,051	0,298
CHR6	4840697	CHR6:4840697	SSF x LoA	-10,075	0,103	0,286
CHR6	4840803	CHR6:4840803	SSF x LoA	-8,289	0,132	0,282
CHR6	4864001	CHR6:4864001	SSF x LoA	-6,962	-0,179	0,280
CHR6	487295	CHR6:487295	SSF x LoA	-5,322	0,126	0,294
CHR6	487547	CHR6:487547	SSF x LoA	-9,953	0,021	0,298
CHR6	487563	CHR6:487563	SSF x LoA	-7,707	-0,076	0,286
CHR6	487605	CHR6:487605	SSF x LoA	-9,160	0,012	0,304
CHR6	4903515	CHR6:4903515	SSF x LoA	-10,628	-0,052	0,284
CHR6	4903550	CHR6:4903550	SSF x LoA	-5,407	-0,078	0,284
CHR6	4903564	CHR6:4903564	SSF x LoA	-8,885	-0,063	0,290
CHR6	491674	CHR6:491674	SSF x LoA	-8,680	0,091	0,274
CHR6	4917900	CHR6:4917900	SSF x LoA	-10,931	-0,052	0,277
CHR6	4917939	CHR6:4917939	SSF x LoA	-6,198	-0,112	0,287
CHR6	4918215	CHR6:4918215	SSF x LoA	-10,341	0,043	0,293
CHR6	491849	CHR6:491849	SSF x LoA	-10,685	-0,050	0,294
CHR6	4926601	CHR6:4926601	SSF x LoA	-10,716	0,089	0,299
CHR6	4928909	CHR6:4928909	SSF x LoA	-10,085	0,034	0,293
CHR6	4928993	CHR6:4928993	SSF x LoA	-9,031	-0,015	0,279
CHR6	4929133	CHR6:4929133	SSF x LoA	-9,040	-0,012	0,278
CHR6	4935505	CHR6:4935505	SSF x LoA	-7,673	0,033	0,285
CHR6	4941299	CHR6:4941299	SSF x LoA	-8,737	-0,002	0,293
CHR6	4941328	CHR6:4941328	SSF x LoA	-9,330	0,018	0,303
CHR6	4941354	CHR6:4941354	SSF x LoA	-6,225	-0,034	0,306
CHR6	4941401	CHR6:4941401	SSF x LoA	-8,203	-0,082	0,282
CHR6	4941408	CHR6:4941408	SSF x LoA	-8,098	-0,018	0,299
CHR6	4941476	CHR6:4941476	SSF x LoA	-10,624	0,066	0,292
CHR6	4941507	CHR6:4941507	SSF x LoA	-11,276	-0,035	0,282
CHR6	4952202	CHR6:4952202	SSF x LoA	-8,032	0,033	0,288
CHR6	4952203	CHR6:4952203	SSF x LoA	-8,576	0,054	0,275
CHR6	4953073	CHR6:4953073	SSF x LoA	-9,414	0,005	0,298
CHR6	4953079	CHR6:4953079	SSF x LoA	-6,910	-0,145	0,286
CHR6	4953090	CHR6:4953090	SSF x LoA	-5,930	0,122	0,274
CHR6	4953095	CHR6:4953095	SSF x LoA	-6,816	-0,154	0,277
CHR6	4953096	CHR6:4953096	SSF x LoA	-6,048	-0,182	0,290
CHR6	4953111	CHR6:4953111	SSF x LoA	-7,488	-0,124	0,291
CHR6	4973452	CHR6:4973452	SSF x LoA	-10,560	0,005	0,277
CHR6	4973819	CHR6:4973819	SSF x LoA	-11,106	0,036	0,293
CHR6	5001040	CHR6:5001040	SSF x LoA	-10,748	-0,057	0,291
CHR6	5005729	CHR6:5005729	SSF x LoA	-10,423	0,069	0,293
CHR6	5005741	CHR6:5005741	SSF x LoA	-11,317	-0,004	0,269
CHR6	5005773	CHR6:5005773	SSF x LoA	-7,998	-0,108	0,293
CHR6	5005855	CHR6:5005855	SSF x LoA	-9,079	0,050	0,278

CHR6	5005872	CHR6:5005872	SSF x LoA	-7,614	-0,003	0,283
CHR6	5011450	CHR6:5011450	SSF x LoA	-11,192	-0,041	0,283
CHR6	5011473	CHR6:5011473	SSF x LoA	-5,299	-0,163	0,282
CHR6	5011474	CHR6:5011474	SSF x LoA	-3,540	-0,191	0,276
CHR6	5011503	CHR6:5011503	SSF x LoA	-11,269	-0,048	0,295
CHR6	5012616	CHR6:5012616	SSF x LoA	-6,970	-0,091	0,284
CHR6	502282	CHR6:502282	SSF x LoA	-9,773	0,066	0,285
CHR6	502312	CHR6:502312	SSF x LoA	-9,377	0,054	0,286
CHR6	5031501	CHR6:5031501	SSF x LoA	-9,685	0,022	0,290
CHR6	5044616	CHR6:5044616	SSF x LoA	-10,906	-0,051	0,290
CHR6	5049117	CHR6:5049117	SSF x LoA	-3,718	-0,231	0,258
CHR6	5049153	CHR6:5049153	SSF x LoA	-8,039	0,042	0,274
CHR6	5049161	CHR6:5049161	SSF x LoA	-11,490	0,009	0,300
CHR6	5049293	CHR6:5049293	SSF x LoA	-8,522	-0,074	0,282
CHR6	508860	CHR6:508860	SSF x LoA	-3,501	0,068	0,285
CHR6	5097071	CHR6:5097071	SSF x LoA	-9,281	-0,063	0,281
CHR6	5102020	CHR6:5102020	SSF x LoA	-10,596	0,104	0,297
CHR6	5102029	CHR6:5102029	SSF x LoA	-5,040	0,141	0,281
CHR6	5115237	CHR6:5115237	SSF x LoA	-10,292	-0,059	0,290
CHR6	5115259	CHR6:5115259	SSF x LoA	-7,087	0,003	0,283
CHR6	5115543	CHR6:5115543	SSF x LoA	-8,741	-0,004	0,290
CHR6	5131775	CHR6:5131775	SSF x LoA	-9,068	-0,019	0,275
CHR6	5131776	CHR6:5131776	SSF x LoA	-11,121	-0,054	0,289
CHR6	5131788	CHR6:5131788	SSF x LoA	-9,044	0,001	0,282
CHR6	5131833	CHR6:5131833	SSF x LoA	-10,410	-0,002	0,284
CHR6	5131851	CHR6:5131851	SSF x LoA	-9,907	-0,022	0,284
CHR6	5131858	CHR6:5131858	SSF x LoA	-9,291	-0,021	0,290
CHR6	5131863	CHR6:5131863	SSF x LoA	-8,364	0,002	0,306
CHR6	5131872	CHR6:5131872	SSF x LoA	-7,753	0,047	0,291
CHR6	5131874	CHR6:5131874	SSF x LoA	-9,222	-0,038	0,276
CHR6	5146769	CHR6:5146769	SSF x LoA	-10,532	0,028	0,295
CHR6	5146813	CHR6:5146813	SSF x LoA	-6,990	-0,121	0,283
CHR6	5160530	CHR6:5160530	SSF x LoA	-6,826	-0,082	0,311
CHR6	5160648	CHR6:5160648	SSF x LoA	-9,807	0,066	0,297
CHR6	518328	CHR6:518328	SSF x LoA	-9,859	-0,001	0,296
CHR6	5227077	CHR6:5227077	SSF x LoA	-6,371	-0,107	0,295
CHR6	5227182	CHR6:5227182	SSF x LoA	-9,899	-0,007	0,274
CHR6	5227346	CHR6:5227346	SSF x LoA	-11,335	-0,049	0,286
CHR6	5227365	CHR6:5227365	SSF x LoA	-10,692	0,009	0,293
CHR6	5227438	CHR6:5227438	SSF x LoA	-8,971	-0,096	0,278
CHR6	5227446	CHR6:5227446	SSF x LoA	-6,754	-0,178	0,291
CHR6	5267022	CHR6:5267022	SSF x LoA	-8,964	-0,087	0,293
CHR6	5267100	CHR6:5267100	SSF x LoA	-5,811	0,187	0,292
CHR6	5267108	CHR6:5267108	SSF x LoA	-5,955	-0,153	0,290
CHR6	5267112	CHR6:5267112	SSF x LoA	-7,730	-0,083	0,294
CHR6	5267142	CHR6:5267142	SSF x LoA	-10,616	0,053	0,274
CHR6	5267154	CHR6:5267154	SSF x LoA	-7,916	0,121	0,287
CHR6	5278583	CHR6:5278583	SSF x LoA	-6,426	0,035	0,290
CHR6	5278616	CHR6:5278616	SSF x LoA	-10,147	-0,039	0,309
CHR6	5278648	CHR6:5278648	SSF x LoA	-8,045	-0,008	0,303
CHR6	5278799	CHR6:5278799	SSF x LoA	-9,584	-0,094	0,285
CHR6	5285446	CHR6:5285446	SSF x LoA	-6,356	0,116	0,273
CHR6	5285514	CHR6:5285514	SSF x LoA	-7,882	0,066	0,277

CHR6	5309106	CHR6:5309106	SSF x LoA	-10,381	0,009	0,295
CHR6	5312221	CHR6:5312221	SSF x LoA	-8,840	-0,074	0,280
CHR6	5312254	CHR6:5312254	SSF x LoA	-7,945	-0,111	0,285
CHR6	5312289	CHR6:5312289	SSF x LoA	-8,133	0,067	0,285
CHR6	5312309	CHR6:5312309	SSF x LoA	-7,796	0,116	0,291
CHR6	5312405	CHR6:5312405	SSF x LoA	-8,825	-0,036	0,292
CHR6	5312434	CHR6:5312434	SSF x LoA	-7,688	-0,023	0,308
CHR6	5312440	CHR6:5312440	SSF x LoA	-9,034	-0,173	0,277
CHR6	5312444	CHR6:5312444	SSF x LoA	-10,551	0,060	0,280
CHR6	5312474	CHR6:5312474	SSF x LoA	-8,020	0,109	0,293
CHR6	5318773	CHR6:5318773	SSF x LoA	-9,821	0,054	0,282
CHR6	5318833	CHR6:5318833	SSF x LoA	-9,714	0,029	0,297
CHR6	5318958	CHR6:5318958	SSF x LoA	-7,924	0,046	0,292
CHR6	5322082	CHR6:5322082	SSF x LoA	-8,622	0,136	0,274
CHR6	5322151	CHR6:5322151	SSF x LoA	-9,601	0,129	0,271
CHR6	5322167	CHR6:5322167	SSF x LoA	-10,297	0,116	0,274
CHR6	5334309	CHR6:5334309	SSF x LoA	-9,352	0,053	0,279
CHR6	5334348	CHR6:5334348	SSF x LoA	-8,067	0,128	0,288
CHR6	5339795	CHR6:5339795	SSF x LoA	-4,974	0,209	0,271
CHR6	5339879	CHR6:5339879	SSF x LoA	-9,288	-0,116	0,293
CHR6	5340008	CHR6:5340008	SSF x LoA	-9,830	-0,102	0,283
CHR6	5340126	CHR6:5340126	SSF x LoA	-7,598	0,128	0,296
CHR6	5343634	CHR6:5343634	SSF x LoA	-8,615	-0,077	0,296
CHR6	5343779	CHR6:5343779	SSF x LoA	-9,099	0,058	0,300
CHR6	5343805	CHR6:5343805	SSF x LoA	-8,441	-0,163	0,272
CHR6	5360801	CHR6:5360801	SSF x LoA	-5,391	-0,158	0,273
CHR6	5360812	CHR6:5360812	SSF x LoA	-7,324	-0,072	0,296
CHR6	5361005	CHR6:5361005	SSF x LoA	-10,531	0,006	0,287
CHR6	5369945	CHR6:5369945	SSF x LoA	-10,200	0,110	0,280
CHR6	5372117	CHR6:5372117	SSF x LoA	-7,980	0,033	0,271
CHR6	5372164	CHR6:5372164	SSF x LoA	-8,895	0,006	0,299
CHR6	5374149	CHR6:5374149	SSF x LoA	-7,109	0,080	0,299
CHR6	5374190	CHR6:5374190	SSF x LoA	-7,400	0,154	0,295
CHR6	5374221	CHR6:5374221	SSF x LoA	-9,353	0,100	0,284
CHR6	5376304	CHR6:5376304	SSF x LoA	-8,847	0,051	0,289
CHR6	5380945	CHR6:5380945	SSF x LoA	-8,330	0,052	0,286
CHR6	5380979	CHR6:5380979	SSF x LoA	-9,034	-0,073	0,289
CHR6	5381099	CHR6:5381099	SSF x LoA	-8,968	0,107	0,297
CHR6	5406404	CHR6:5406404	SSF x LoA	-10,498	-0,051	0,294
CHR6	5406626	CHR6:5406626	SSF x LoA	-7,465	0,146	0,282
CHR6	5406639	CHR6:5406639	SSF x LoA	-10,771	-0,102	0,280
CHR6	5406647	CHR6:5406647	SSF x LoA	-7,744	0,140	0,288
CHR6	5410251	CHR6:5410251	SSF x LoA	-11,421	-0,038	0,283
CHR6	5410455	CHR6:5410455	SSF x LoA	-11,094	0,010	0,288
CHR6	5419261	CHR6:5419261	SSF x LoA	-9,403	0,066	0,291
CHR6	5419334	CHR6:5419334	SSF x LoA	-8,835	0,102	0,294
CHR6	5442397	CHR6:5442397	SSF x LoA	-9,023	-0,007	0,298
CHR6	5448405	CHR6:5448405	SSF x LoA	-9,410	0,041	0,274
CHR6	5460695	CHR6:5460695	SSF x LoA	-11,145	0,000	0,298
CHR6	5460763	CHR6:5460763	SSF x LoA	-5,984	0,099	0,284
CHR6	5460764	CHR6:5460764	SSF x LoA	-7,586	0,113	0,280
CHR6	5462290	CHR6:5462290	SSF x LoA	-2,474	-0,145	0,275
CHR6	5462378	CHR6:5462378	SSF x LoA	-8,244	-0,020	0,295

CHR6	5462381	CHR6:5462381	SSF x LoA	-8,688	-0,016	0,292
CHR6	5473335	CHR6:5473335	SSF x LoA	-9,142	-0,011	0,286
CHR6	5473345	CHR6:5473345	SSF x LoA	-8,282	0,015	0,294
CHR6	5473411	CHR6:5473411	SSF x LoA	-8,862	-0,010	0,296
CHR6	5473541	CHR6:5473541	SSF x LoA	-7,845	-0,089	0,285
CHR6	5473584	CHR6:5473584	SSF x LoA	-9,624	0,062	0,279
CHR6	5491864	CHR6:5491864	SSF x LoA	-9,328	-0,098	0,291
CHR6	5491974	CHR6:5491974	SSF x LoA	-8,892	0,039	0,273
CHR6	5491977	CHR6:5491977	SSF x LoA	-6,448	0,015	0,298
CHR6	5492052	CHR6:5492052	SSF x LoA	-8,543	-0,010	0,285
CHR6	5510479	CHR6:5510479	SSF x LoA	-9,173	-0,040	0,302
CHR6	5510482	CHR6:5510482	SSF x LoA	-8,788	-0,074	0,280
CHR6	5510489	CHR6:5510489	SSF x LoA	-11,356	-0,046	0,294
CHR6	5510567	CHR6:5510567	SSF x LoA	-8,764	-0,108	0,283
CHR6	5510580	CHR6:5510580	SSF x LoA	-10,647	0,001	0,283
CHR6	5518382	CHR6:5518382	SSF x LoA	-9,074	-0,022	0,284
CHR6	5518554	CHR6:5518554	SSF x LoA	-7,063	-0,037	0,297
CHR6	5518620	CHR6:5518620	SSF x LoA	-7,578	0,066	0,296
CHR6	5518627	CHR6:5518627	SSF x LoA	-9,017	-0,043	0,293
CHR6	552552	CHR6:552552	SSF x LoA	-8,237	-0,093	0,278
CHR6	552593	CHR6:552593	SSF x LoA	-8,491	0,009	0,297
CHR6	552672	CHR6:552672	SSF x LoA	-8,214	0,104	0,275
CHR6	552707	CHR6:552707	SSF x LoA	-7,558	0,002	0,306
CHR6	552708	CHR6:552708	SSF x LoA	-9,289	-0,039	0,295
CHR6	5527183	CHR6:5527183	SSF x LoA	-8,535	-0,024	0,280
CHR6	552724	CHR6:552724	SSF x LoA	-9,538	-0,011	0,303
CHR6	552727	CHR6:552727	SSF x LoA	-11,367	-0,072	0,285
CHR6	552728	CHR6:552728	SSF x LoA	-10,002	-0,054	0,286
CHR6	5527590	CHR6:5527590	SSF x LoA	-9,497	0,060	0,286
CHR6	552761	CHR6:552761	SSF x LoA	-8,263	0,019	0,288
CHR6	5527731	CHR6:5527731	SSF x LoA	-7,242	0,168	0,282
CHR6	552845	CHR6:552845	SSF x LoA	-10,221	-0,069	0,287
CHR6	5529760	CHR6:5529760	SSF x LoA	-6,752	-0,145	0,292
CHR6	5529769	CHR6:5529769	SSF x LoA	-5,623	-0,168	0,278
CHR6	5529815	CHR6:5529815	SSF x LoA	-3,162	0,313	0,253
CHR6	5529955	CHR6:5529955	SSF x LoA	-3,685	-0,116	0,285
CHR6	5529967	CHR6:5529967	SSF x LoA	-8,167	-0,080	0,298
CHR6	5535664	CHR6:5535664	SSF x LoA	-7,919	0,008	0,291
CHR6	5535672	CHR6:5535672	SSF x LoA	-9,425	-0,068	0,289
CHR6	5535681	CHR6:5535681	SSF x LoA	-9,651	0,072	0,297
CHR6	5550521	CHR6:5550521	SSF x LoA	-8,999	-0,031	0,293
CHR6	5550880	CHR6:5550880	SSF x LoA	-8,218	0,117	0,292
CHR6	5563365	CHR6:5563365	SSF x LoA	-10,296	0,102	0,279
CHR6	5563428	CHR6:5563428	SSF x LoA	-9,260	0,061	0,283
CHR6	5563431	CHR6:5563431	SSF x LoA	-7,033	0,149	0,282
CHR6	5563438	CHR6:5563438	SSF x LoA	-7,741	0,097	0,271
CHR6	5563440	CHR6:5563440	SSF x LoA	-8,424	-0,106	0,278
CHR6	5563480	CHR6:5563480	SSF x LoA	-8,379	-0,078	0,294
CHR6	5563557	CHR6:5563557	SSF x LoA	-3,017	0,206	0,290
CHR6	5565354	CHR6:5565354	SSF x LoA	-6,721	0,188	0,279
CHR6	5565464	CHR6:5565464	SSF x LoA	-9,228	0,098	0,290
CHR6	5565728	CHR6:5565728	SSF x LoA	-9,049	0,046	0,307
CHR6	5571376	CHR6:5571376	SSF x LoA	-9,124	-0,069	0,284

CHR6	5571409	CHR6:5571409	SSF x LoA	-7,000	-0,107	0,286
CHR6	5571442	CHR6:5571442	SSF x LoA	-8,262	-0,064	0,293
CHR6	5571629	CHR6:5571629	SSF x LoA	-6,843	0,059	0,297
CHR6	5571630	CHR6:5571630	SSF x LoA	-2,830	-0,094	0,296
CHR6	5571631	CHR6:5571631	SSF x LoA	-9,998	0,031	0,282
CHR6	5573776	CHR6:5573776	SSF x LoA	-9,417	0,028	0,281
CHR6	5573818	CHR6:5573818	SSF x LoA	-9,371	0,129	0,280
CHR6	5573821	CHR6:5573821	SSF x LoA	-8,508	0,089	0,285
CHR6	5573944	CHR6:5573944	SSF x LoA	-9,210	0,022	0,283
CHR6	5573962	CHR6:5573962	SSF x LoA	-7,918	0,073	0,283
CHR6	5582859	CHR6:5582859	SSF x LoA	-8,134	0,007	0,291
CHR6	5589992	CHR6:5589992	SSF x LoA	-7,754	0,159	0,272
CHR6	5592583	CHR6:5592583	SSF x LoA	-7,546	-0,087	0,291
CHR6	5592616	CHR6:5592616	SSF x LoA	-7,800	0,010	0,293
CHR6	5592661	CHR6:5592661	SSF x LoA	-10,814	-0,019	0,282
CHR6	5592706	CHR6:5592706	SSF x LoA	-6,453	0,187	0,283
CHR6	5592732	CHR6:5592732	SSF x LoA	-9,753	0,032	0,292
CHR6	5594669	CHR6:5594669	SSF x LoA	-5,720	-0,189	0,282
CHR6	5594718	CHR6:5594718	SSF x LoA	-10,438	0,021	0,280
CHR6	5594745	CHR6:5594745	SSF x LoA	-6,910	0,056	0,289
CHR6	5594756	CHR6:5594756	SSF x LoA	-9,448	0,010	0,294
CHR6	5594807	CHR6:5594807	SSF x LoA	-7,888	0,110	0,269
CHR6	5600833	CHR6:5600833	SSF x LoA	-7,971	-0,080	0,292
CHR6	5600847	CHR6:5600847	SSF x LoA	-9,540	-0,015	0,281
CHR6	5600861	CHR6:5600861	SSF x LoA	-10,875	-0,076	0,283
CHR6	5600900	CHR6:5600900	SSF x LoA	-9,943	-0,040	0,282
CHR6	5600943	CHR6:5600943	SSF x LoA	-5,082	0,079	0,295
CHR6	5600977	CHR6:5600977	SSF x LoA	-7,775	-0,119	0,293
CHR6	5612140	CHR6:5612140	SSF x LoA	-9,130	-0,044	0,303
CHR6	5612184	CHR6:5612184	SSF x LoA	-10,489	0,091	0,290
CHR6	5612227	CHR6:5612227	SSF x LoA	-9,802	0,088	0,293
CHR6	5618011	CHR6:5618011	SSF x LoA	-7,844	-0,115	0,290
CHR6	5618022	CHR6:5618022	SSF x LoA	-8,178	-0,031	0,295
CHR6	5618163	CHR6:5618163	SSF x LoA	-9,676	-0,096	0,278
CHR6	5618169	CHR6:5618169	SSF x LoA	-8,809	0,053	0,283
CHR6	5618178	CHR6:5618178	SSF x LoA	-7,840	0,020	0,276
CHR6	562073	CHR6:562073	SSF x LoA	-10,652	0,017	0,291
CHR6	562168	CHR6:562168	SSF x LoA	-5,868	0,127	0,292
CHR6	562252	CHR6:562252	SSF x LoA	-5,077	0,199	0,284
CHR6	5626368	CHR6:5626368	SSF x LoA	-3,854	-0,090	0,300
CHR6	5626396	CHR6:5626396	SSF x LoA	-8,347	-0,125	0,284
CHR6	5626414	CHR6:5626414	SSF x LoA	-10,433	-0,009	0,303
CHR6	562939	CHR6:562939	SSF x LoA	-8,957	-0,039	0,290
CHR6	5634994	CHR6:5634994	SSF x LoA	-7,382	0,051	0,307
CHR6	5635014	CHR6:5635014	SSF x LoA	-5,935	0,056	0,310
CHR6	5635037	CHR6:5635037	SSF x LoA	-7,626	0,040	0,304
CHR6	5635077	CHR6:5635077	SSF x LoA	-8,460	0,098	0,296
CHR6	5635099	CHR6:5635099	SSF x LoA	-9,858	-0,023	0,291
CHR6	5635105	CHR6:5635105	SSF x LoA	-8,740	0,090	0,290
CHR6	5657899	CHR6:5657899	SSF x LoA	-6,536	0,109	0,286
CHR6	5660996	CHR6:5660996	SSF x LoA	-9,219	0,028	0,304
CHR6	5662463	CHR6:5662463	SSF x LoA	-7,600	-0,048	0,299
CHR6	5662479	CHR6:5662479	SSF x LoA	-8,003	-0,120	0,279

CHR6	5662487	CHR6:5662487	SSF x LoA	-8,605	0,123	0,281
CHR6	5662756	CHR6:5662756	SSF x LoA	-9,888	0,003	0,287
CHR6	5670482	CHR6:5670482	SSF x LoA	-7,672	0,070	0,291
CHR6	5670491	CHR6:5670491	SSF x LoA	-10,062	0,025	0,296
CHR6	5671654	CHR6:5671654	SSF x LoA	-6,073	-0,174	0,272
CHR6	5671657	CHR6:5671657	SSF x LoA	-10,910	-0,076	0,289
CHR6	5671739	CHR6:5671739	SSF x LoA	-11,425	0,018	0,295
CHR6	5671760	CHR6:5671760	SSF x LoA	-8,113	0,013	0,284
CHR6	568197	CHR6:568197	SSF x LoA	-7,968	-0,009	0,289
CHR6	568240	CHR6:568240	SSF x LoA	-11,095	0,014	0,298
CHR6	568245	CHR6:568245	SSF x LoA	-7,991	0,055	0,288
CHR6	568356	CHR6:568356	SSF x LoA	-11,958	-0,020	0,288
CHR6	568374	CHR6:568374	SSF x LoA	-8,120	-0,101	0,284
CHR6	568390	CHR6:568390	SSF x LoA	-9,880	0,036	0,290
CHR6	568418	CHR6:568418	SSF x LoA	-7,909	0,077	0,271
CHR6	568577	CHR6:568577	SSF x LoA	-5,420	-0,087	0,288
CHR6	5720444	CHR6:5720444	SSF x LoA	-8,848	0,085	0,270
CHR6	5720502	CHR6:5720502	SSF x LoA	-4,481	0,159	0,281
CHR6	5720508	CHR6:5720508	SSF x LoA	-9,078	0,117	0,271
CHR6	574873	CHR6:574873	SSF x LoA	-11,006	-0,016	0,293
CHR6	575074	CHR6:575074	SSF x LoA	-6,185	-0,104	0,284
CHR6	575080	CHR6:575080	SSF x LoA	-3,476	0,165	0,297
CHR6	5754817	CHR6:5754817	SSF x LoA	-4,494	-0,032	0,282
CHR6	5754827	CHR6:5754827	SSF x LoA	-9,781	-0,020	0,293
CHR6	5763134	CHR6:5763134	SSF x LoA	-4,805	0,033	0,285
CHR6	5763175	CHR6:5763175	SSF x LoA	-10,557	-0,034	0,301
CHR6	5764064	CHR6:5764064	SSF x LoA	-6,473	0,018	0,303
CHR6	5764143	CHR6:5764143	SSF x LoA	-7,642	0,049	0,292
CHR6	5767139	CHR6:5767139	SSF x LoA	-9,813	-0,050	0,291
CHR6	5780754	CHR6:5780754	SSF x LoA	-7,700	-0,026	0,297
CHR6	5780894	CHR6:5780894	SSF x LoA	-5,240	-0,148	0,296
CHR6	5780900	CHR6:5780900	SSF x LoA	-7,466	0,120	0,283
CHR6	580265	CHR6:580265	SSF x LoA	-8,263	0,057	0,286
CHR6	580416	CHR6:580416	SSF x LoA	-8,108	0,071	0,293
CHR6	580574	CHR6:580574	SSF x LoA	-9,090	-0,041	0,298
CHR6	580726	CHR6:580726	SSF x LoA	-9,484	0,001	0,293
CHR6	5809419	CHR6:5809419	SSF x LoA	-8,055	0,205	0,272
CHR6	5809480	CHR6:5809480	SSF x LoA	-1,165	0,052	0,281
CHR6	5809517	CHR6:5809517	SSF x LoA	-9,474	-0,007	0,293
CHR6	5852840	CHR6:5852840	SSF x LoA	-10,681	0,020	0,286
CHR6	5852892	CHR6:5852892	SSF x LoA	-9,241	-0,037	0,286
CHR6	5852903	CHR6:5852903	SSF x LoA	-11,008	0,039	0,289
CHR6	5852906	CHR6:5852906	SSF x LoA	-7,617	0,044	0,299
CHR6	5852919	CHR6:5852919	SSF x LoA	-10,827	0,052	0,298
CHR6	5852952	CHR6:5852952	SSF x LoA	-9,242	0,036	0,312
CHR6	5852982	CHR6:5852982	SSF x LoA	-7,733	0,061	0,307
CHR6	5863399	CHR6:5863399	SSF x LoA	-7,707	-0,022	0,295
CHR6	5863414	CHR6:5863414	SSF x LoA	-10,197	-0,082	0,287
CHR6	5863444	CHR6:5863444	SSF x LoA	-10,297	-0,117	0,292
CHR6	5863502	CHR6:5863502	SSF x LoA	-9,789	0,127	0,289
CHR6	5863721	CHR6:5863721	SSF x LoA	-7,819	-0,052	0,304
CHR6	5863727	CHR6:5863727	SSF x LoA	-11,251	0,030	0,287
CHR6	5872192	CHR6:5872192	SSF x LoA	-5,429	-0,158	0,286

CHR6	5872285	CHR6:5872285	SSF x LoA	-8,125	-0,196	0,283
CHR6	5872316	CHR6:5872316	SSF x LoA	-7,527	0,097	0,291
CHR6	5875775	CHR6:5875775	SSF x LoA	-7,439	-0,083	0,290
CHR6	5875893	CHR6:5875893	SSF x LoA	-8,782	0,067	0,286
CHR6	5875952	CHR6:5875952	SSF x LoA	-7,814	0,079	0,296
CHR6	5875961	CHR6:5875961	SSF x LoA	-9,841	0,037	0,280
CHR6	5878350	CHR6:5878350	SSF x LoA	-7,856	-0,007	0,300
CHR6	5878428	CHR6:5878428	SSF x LoA	-10,606	-0,016	0,301
CHR6	5878430	CHR6:5878430	SSF x LoA	-9,222	-0,002	0,298
CHR6	5878562	CHR6:5878562	SSF x LoA	-9,268	0,038	0,287
CHR6	5882249	CHR6:5882249	SSF x LoA	-5,455	0,012	0,282
CHR6	5882379	CHR6:5882379	SSF x LoA	-7,479	0,129	0,289
CHR6	5882394	CHR6:5882394	SSF x LoA	-8,060	0,121	0,284
CHR6	5914331	CHR6:5914331	SSF x LoA	-1,760	0,080	0,291
CHR6	5914351	CHR6:5914351	SSF x LoA	-9,399	-0,121	0,284
CHR6	5916136	CHR6:5916136	SSF x LoA	-0,922	-0,015	0,284
CHR6	5923578	CHR6:5923578	SSF x LoA	-7,169	-0,051	0,286
CHR6	5923634	CHR6:5923634	SSF x LoA	-10,376	-0,082	0,287
CHR6	5943197	CHR6:5943197	SSF x LoA	-8,938	0,059	0,282
CHR6	5943293	CHR6:5943293	SSF x LoA	-8,333	-0,069	0,292
CHR6	5947419	CHR6:5947419	SSF x LoA	-7,102	-0,179	0,274
CHR6	5947440	CHR6:5947440	SSF x LoA	-8,121	0,012	0,274
CHR6	5955256	CHR6:5955256	SSF x LoA	-8,845	0,029	0,285
CHR6	5955414	CHR6:5955414	SSF x LoA	-9,463	-0,073	0,272
CHR6	5955934	CHR6:5955934	SSF x LoA	-11,089	-0,025	0,291
CHR6	5967963	CHR6:5967963	SSF x LoA	-8,549	0,020	0,289
CHR6	5968061	CHR6:5968061	SSF x LoA	-9,558	-0,072	0,286
CHR6	5968087	CHR6:5968087	SSF x LoA	-7,993	0,155	0,282
CHR6	5968091	CHR6:5968091	SSF x LoA	-9,469	-0,002	0,278
CHR6	5968138	CHR6:5968138	SSF x LoA	-9,938	0,027	0,289
CHR6	5976503	CHR6:5976503	SSF x LoA	-8,502	-0,081	0,291
CHR6	5976535	CHR6:5976535	SSF x LoA	-6,678	0,068	0,292
CHR6	5976545	CHR6:5976545	SSF x LoA	-8,060	-0,080	0,291
CHR6	5976594	CHR6:5976594	SSF x LoA	-7,305	0,072	0,304
CHR6	5976608	CHR6:5976608	SSF x LoA	-4,593	-0,045	0,295
CHR6	5976669	CHR6:5976669	SSF x LoA	-8,974	0,049	0,285
CHR6	5976673	CHR6:5976673	SSF x LoA	-7,697	-0,120	0,289
CHR6	5976676	CHR6:5976676	SSF x LoA	-9,822	-0,001	0,293
CHR6	5976691	CHR6:5976691	SSF x LoA	-7,577	0,067	0,301
CHR6	5976715	CHR6:5976715	SSF x LoA	-9,447	-0,028	0,294
CHR6	5976720	CHR6:5976720	SSF x LoA	-10,242	-0,057	0,297
CHR6	5992057	CHR6:5992057	SSF x LoA	-8,674	0,101	0,292
CHR6	5992072	CHR6:5992072	SSF x LoA	-6,442	-0,139	0,280
CHR6	5992134	CHR6:5992134	SSF x LoA	-9,010	-0,020	0,288
CHR6	5992231	CHR6:5992231	SSF x LoA	-9,246	0,069	0,290
CHR6	5992291	CHR6:5992291	SSF x LoA	-9,638	0,046	0,288
CHR6	604371	CHR6:604371	SSF x LoA	-11,756	0,004	0,287
CHR6	6045992	CHR6:6045992	SSF x LoA	-9,919	0,060	0,283
CHR6	6046017	CHR6:6046017	SSF x LoA	-11,468	0,028	0,292
CHR6	6056660	CHR6:6056660	SSF x LoA	-6,499	0,085	0,283
CHR6	6056763	CHR6:6056763	SSF x LoA	-9,323	0,004	0,299
CHR6	6072343	CHR6:6072343	SSF x LoA	-9,768	-0,011	0,306
CHR6	6072408	CHR6:6072408	SSF x LoA	-8,249	-0,096	0,289

CHR6	6072443	CHR6:6072443	SSF x LoA	-5,039	0,146	0,288
CHR6	6075818	CHR6:6075818	SSF x LoA	-8,964	-0,056	0,288
CHR6	6075860	CHR6:6075860	SSF x LoA	-10,081	-0,036	0,299
CHR6	6076495	CHR6:6076495	SSF x LoA	-9,143	0,155	0,298
CHR6	6084100	CHR6:6084100	SSF x LoA	-9,597	0,054	0,293
CHR6	6084309	CHR6:6084309	SSF x LoA	-7,063	-0,129	0,294
CHR6	6084398	CHR6:6084398	SSF x LoA	-9,054	0,137	0,283
CHR6	6101516	CHR6:6101516	SSF x LoA	-10,140	-0,057	0,302
CHR6	6108319	CHR6:6108319	SSF x LoA	-9,193	-0,128	0,284
CHR6	6124089	CHR6:6124089	SSF x LoA	-10,057	-0,009	0,297
CHR6	6124153	CHR6:6124153	SSF x LoA	-3,623	-0,135	0,279
CHR6	6172810	CHR6:6172810	SSF x LoA	-5,210	-0,067	0,299
CHR6	6172827	CHR6:6172827	SSF x LoA	-9,825	-0,145	0,285
CHR6	6173038	CHR6:6173038	SSF x LoA	-7,558	0,097	0,284
CHR6	6173129	CHR6:6173129	SSF x LoA	-6,337	0,154	0,305
CHR6	6181567	CHR6:6181567	SSF x LoA	-10,172	-0,116	0,295
CHR6	619677	CHR6:619677	SSF x LoA	-9,986	-0,013	0,307
CHR6	619852	CHR6:619852	SSF x LoA	-9,397	-0,116	0,309
CHR6	619910	CHR6:619910	SSF x LoA	-8,017	0,091	0,294
CHR6	620031	CHR6:620031	SSF x LoA	-7,883	-0,008	0,304
CHR6	620061	CHR6:620061	SSF x LoA	-9,932	0,050	0,276
CHR6	6213927	CHR6:6213927	SSF x LoA	-8,115	0,016	0,308
CHR6	6213940	CHR6:6213940	SSF x LoA	-7,738	0,019	0,291
CHR6	6214024	CHR6:6214024	SSF x LoA	-7,330	0,007	0,285
CHR6	6214054	CHR6:6214054	SSF x LoA	-7,670	0,109	0,287
CHR6	6214130	CHR6:6214130	SSF x LoA	-7,863	0,015	0,285
CHR6	6214156	CHR6:6214156	SSF x LoA	-11,666	-0,047	0,281
CHR6	6216158	CHR6:6216158	SSF x LoA	-10,108	-0,096	0,283
CHR6	6216241	CHR6:6216241	SSF x LoA	-7,063	0,054	0,292
CHR6	6216253	CHR6:6216253	SSF x LoA	-9,124	0,054	0,291
CHR6	6237206	CHR6:6237206	SSF x LoA	-7,918	-0,146	0,279
CHR6	6237258	CHR6:6237258	SSF x LoA	-10,154	0,085	0,299
CHR6	6237401	CHR6:6237401	SSF x LoA	-9,749	-0,004	0,306
CHR6	6242387	CHR6:6242387	SSF x LoA	-4,326	0,028	0,289
CHR6	6242637	CHR6:6242637	SSF x LoA	-10,252	0,028	0,278
CHR6	6245627	CHR6:6245627	SSF x LoA	-6,895	0,119	0,282
CHR6	6245682	CHR6:6245682	SSF x LoA	-7,499	-0,035	0,284
CHR6	6245685	CHR6:6245685	SSF x LoA	-8,722	-0,087	0,282
CHR6	6245844	CHR6:6245844	SSF x LoA	-7,702	0,009	0,295
CHR6	6250645	CHR6:6250645	SSF x LoA	1,769	-0,145	0,286
CHR6	6268730	CHR6:6268730	SSF x LoA	-10,561	-0,007	0,294
CHR6	6282578	CHR6:6282578	SSF x LoA	-11,070	-0,061	0,295
CHR6	6282585	CHR6:6282585	SSF x LoA	-1,682	-0,216	0,275
CHR6	6282666	CHR6:6282666	SSF x LoA	-9,476	0,084	0,284
CHR6	6282682	CHR6:6282682	SSF x LoA	-7,031	-0,078	0,306
CHR6	6283298	CHR6:6283298	SSF x LoA	-10,176	-0,057	0,282
CHR6	6283341	CHR6:6283341	SSF x LoA	-9,783	-0,049	0,294
CHR6	630380	CHR6:630380	SSF x LoA	-4,576	-0,183	0,272
CHR6	630381	CHR6:630381	SSF x LoA	-3,716	-0,187	0,275
CHR6	630431	CHR6:630431	SSF x LoA	-9,178	-0,036	0,279
CHR6	630490	CHR6:630490	SSF x LoA	-10,871	-0,051	0,293
CHR6	630537	CHR6:630537	SSF x LoA	-8,916	-0,069	0,282
CHR6	630562	CHR6:630562	SSF x LoA	-7,876	0,116	0,288

CHR6	630636	CHR6:630636	SSF x LoA	-10,543	-0,022	0,287
CHR6	6311284	CHR6:6311284	SSF x LoA	-9,709	-0,036	0,298
CHR6	6318203	CHR6:6318203	SSF x LoA	-9,626	0,007	0,292
CHR6	6318334	CHR6:6318334	SSF x LoA	-9,191	0,056	0,286
CHR6	6318351	CHR6:6318351	SSF x LoA	-8,759	0,021	0,292
CHR6	6318397	CHR6:6318397	SSF x LoA	-10,586	0,015	0,288
CHR6	6318408	CHR6:6318408	SSF x LoA	-10,966	0,025	0,288
CHR6	6324125	CHR6:6324125	SSF x LoA	-9,714	-0,039	0,295
CHR6	6324324	CHR6:6324324	SSF x LoA	-7,366	-0,099	0,295
CHR6	6324328	CHR6:6324328	SSF x LoA	-7,807	0,060	0,303
CHR6	6324332	CHR6:6324332	SSF x LoA	-10,308	0,072	0,301
CHR6	6324416	CHR6:6324416	SSF x LoA	-4,077	0,234	0,271
CHR6	6326691	CHR6:6326691	SSF x LoA	-8,814	0,033	0,294
CHR6	6326767	CHR6:6326767	SSF x LoA	-2,876	-0,077	0,286
CHR6	6332030	CHR6:6332030	SSF x LoA	-7,294	-0,058	0,285
CHR6	6332080	CHR6:6332080	SSF x LoA	-9,871	-0,033	0,291
CHR6	6332109	CHR6:6332109	SSF x LoA	-9,568	-0,006	0,286
CHR6	6332116	CHR6:6332116	SSF x LoA	-8,199	-0,001	0,294
CHR6	6332117	CHR6:6332117	SSF x LoA	-7,953	0,011	0,291
CHR6	6332137	CHR6:6332137	SSF x LoA	-8,088	-0,073	0,294
CHR6	6332138	CHR6:6332138	SSF x LoA	-7,229	-0,091	0,289
CHR6	6332139	CHR6:6332139	SSF x LoA	-6,828	-0,096	0,312
CHR6	6341871	CHR6:6341871	SSF x LoA	-10,442	-0,039	0,293
CHR6	6342082	CHR6:6342082	SSF x LoA	-8,320	0,093	0,288
CHR6	634330	CHR6:634330	SSF x LoA	-10,269	-0,034	0,282
CHR6	634379	CHR6:634379	SSF x LoA	-8,117	0,049	0,287
CHR6	6347988	CHR6:6347988	SSF x LoA	-6,070	-0,120	0,272
CHR6	6378214	CHR6:6378214	SSF x LoA	-10,478	0,013	0,294
CHR6	6378393	CHR6:6378393	SSF x LoA	-7,728	-0,081	0,285
CHR6	6378439	CHR6:6378439	SSF x LoA	-11,200	0,012	0,293
CHR6	6400225	CHR6:6400225	SSF x LoA	-8,148	0,106	0,308
CHR6	6400308	CHR6:6400308	SSF x LoA	-9,052	-0,045	0,283
CHR6	6423480	CHR6:6423480	SSF x LoA	-9,459	-0,091	0,287
CHR6	6423588	CHR6:6423588	SSF x LoA	-9,618	-0,052	0,285
CHR6	6423768	CHR6:6423768	SSF x LoA	-10,052	-0,037	0,288
CHR6	6423773	CHR6:6423773	SSF x LoA	-3,639	0,064	0,296
CHR6	6423777	CHR6:6423777	SSF x LoA	-8,177	0,055	0,291
CHR6	6428368	CHR6:6428368	SSF x LoA	-4,188	-0,122	0,271
CHR6	6428542	CHR6:6428542	SSF x LoA	-10,434	-0,036	0,295
CHR6	6428681	CHR6:6428681	SSF x LoA	-9,063	0,055	0,284
CHR6	6428696	CHR6:6428696	SSF x LoA	-4,520	0,077	0,298
CHR6	6428785	CHR6:6428785	SSF x LoA	-8,472	-0,061	0,295
CHR6	6441548	CHR6:6441548	SSF x LoA	-10,391	0,011	0,291
CHR6	6441688	CHR6:6441688	SSF x LoA	-11,022	-0,019	0,283
CHR6	6441696	CHR6:6441696	SSF x LoA	-8,421	0,052	0,284
CHR6	6441762	CHR6:6441762	SSF x LoA	-7,609	0,041	0,274
CHR6	6447783	CHR6:6447783	SSF x LoA	-9,513	0,046	0,284
CHR6	6447817	CHR6:6447817	SSF x LoA	-11,004	0,033	0,293
CHR6	6447997	CHR6:6447997	SSF x LoA	-8,266	0,179	0,280
CHR6	6447999	CHR6:6447999	SSF x LoA	-4,561	0,190	0,289
CHR6	6452770	CHR6:6452770	SSF x LoA	-8,119	-0,127	0,276
CHR6	6455557	CHR6:6455557	SSF x LoA	-5,392	0,154	0,281
CHR6	6456121	CHR6:6456121	SSF x LoA	-10,040	0,097	0,278

CHR6	6456128	CHR6:6456128	SSF x LoA	-11,568	0,049	0,279
CHR6	6456136	CHR6:6456136	SSF x LoA	-8,692	0,006	0,293
CHR6	6466476	CHR6:6466476	SSF x LoA	-8,931	0,103	0,285
CHR6	6480008	CHR6:6480008	SSF x LoA	-7,748	0,116	0,280
CHR6	6480090	CHR6:6480090	SSF x LoA	-7,050	0,162	0,286
CHR6	6480313	CHR6:6480313	SSF x LoA	-7,335	-0,187	0,287
CHR6	6486752	CHR6:6486752	SSF x LoA	-7,540	-0,145	0,286
CHR6	6486755	CHR6:6486755	SSF x LoA	-5,003	0,164	0,288
CHR6	6486914	CHR6:6486914	SSF x LoA	-11,484	0,021	0,286
CHR6	6494614	CHR6:6494614	SSF x LoA	0,740	-0,203	0,286
CHR6	6494628	CHR6:6494628	SSF x LoA	-10,898	-0,035	0,289
CHR6	6494630	CHR6:6494630	SSF x LoA	-4,392	-0,224	0,280
CHR6	6494688	CHR6:6494688	SSF x LoA	-8,785	-0,042	0,294
CHR6	6495842	CHR6:6495842	SSF x LoA	-8,725	-0,187	0,282
CHR6	6495865	CHR6:6495865	SSF x LoA	-8,609	0,103	0,271
CHR6	6501290	CHR6:6501290	SSF x LoA	-8,603	-0,028	0,293
CHR6	6501388	CHR6:6501388	SSF x LoA	-7,697	0,056	0,309
CHR6	6501521	CHR6:6501521	SSF x LoA	-8,204	-0,047	0,300
CHR6	6501605	CHR6:6501605	SSF x LoA	-9,596	0,026	0,278
CHR6	6501634	CHR6:6501634	SSF x LoA	-9,603	0,109	0,287
CHR6	6501664	CHR6:6501664	SSF x LoA	7,426	-0,049	0,298
CHR6	6501665	CHR6:6501665	SSF x LoA	-9,842	0,092	0,290
CHR6	6501668	CHR6:6501668	SSF x LoA	-9,987	-0,013	0,305
CHR6	6514613	CHR6:6514613	SSF x LoA	-10,866	0,000	0,292
CHR6	6517372	CHR6:6517372	SSF x LoA	-8,936	-0,006	0,293
CHR6	6518656	CHR6:6518656	SSF x LoA	-10,526	-0,038	0,287
CHR6	6518687	CHR6:6518687	SSF x LoA	-10,739	0,011	0,285
CHR6	6518820	CHR6:6518820	SSF x LoA	-5,851	-0,096	0,294
CHR6	6518897	CHR6:6518897	SSF x LoA	-10,297	-0,052	0,278
CHR6	6520422	CHR6:6520422	SSF x LoA	-8,341	0,101	0,289
CHR6	6520427	CHR6:6520427	SSF x LoA	-11,035	0,037	0,298
CHR6	6520537	CHR6:6520537	SSF x LoA	-9,116	-0,100	0,275
CHR6	6520553	CHR6:6520553	SSF x LoA	-9,173	0,011	0,267
CHR6	6520574	CHR6:6520574	SSF x LoA	-9,907	0,109	0,282
CHR6	6520587	CHR6:6520587	SSF x LoA	-9,765	0,048	0,276
CHR6	6520594	CHR6:6520594	SSF x LoA	-7,970	0,063	0,276
CHR6	6533523	CHR6:6533523	SSF x LoA	-7,175	-0,067	0,290
CHR6	6533686	CHR6:6533686	SSF x LoA	-7,567	0,048	0,285
CHR6	6533726	CHR6:6533726	SSF x LoA	0,386	-0,086	0,289
CHR6	6533830	CHR6:6533830	SSF x LoA	-6,429	-0,163	0,268
CHR6	6578881	CHR6:6578881	SSF x LoA	-11,368	-0,069	0,277
CHR6	6579026	CHR6:6579026	SSF x LoA	-11,201	0,078	0,278
CHR6	6579137	CHR6:6579137	SSF x LoA	-8,574	0,068	0,294
CHR6	6579144	CHR6:6579144	SSF x LoA	-9,614	-0,098	0,294
CHR6	6579182	CHR6:6579182	SSF x LoA	-8,818	0,024	0,289
CHR6	6579232	CHR6:6579232	SSF x LoA	-8,811	0,012	0,292
CHR6	6579256	CHR6:6579256	SSF x LoA	-9,525	0,059	0,292
CHR6	6585204	CHR6:6585204	SSF x LoA	-6,993	-0,043	0,303
CHR6	6585489	CHR6:6585489	SSF x LoA	-11,428	0,047	0,299
CHR6	6595324	CHR6:6595324	SSF x LoA	-7,508	-0,030	0,296
CHR6	6595377	CHR6:6595377	SSF x LoA	-7,296	-0,173	0,288
CHR6	6595383	CHR6:6595383	SSF x LoA	-3,861	-0,176	0,288
CHR6	6595464	CHR6:6595464	SSF x LoA	-9,131	-0,030	0,294

CHR6	6595483	CHR6:6595483	SSF x LoA	-9,923	-0,026	0,302
CHR6	6595501	CHR6:6595501	SSF x LoA	-9,685	-0,058	0,295
CHR6	6615456	CHR6:6615456	SSF x LoA	-9,237	0,135	0,299
CHR6	6615642	CHR6:6615642	SSF x LoA	-8,864	0,043	0,286
CHR6	6615733	CHR6:6615733	SSF x LoA	-9,906	-0,002	0,279
CHR6	6615784	CHR6:6615784	SSF x LoA	-8,760	-0,095	0,295
CHR6	6625427	CHR6:6625427	SSF x LoA	-10,412	0,006	0,301
CHR6	6625586	CHR6:6625586	SSF x LoA	-8,970	-0,020	0,280
CHR6	662747	CHR6:662747	SSF x LoA	-9,707	0,078	0,274
CHR6	664390	CHR6:664390	SSF x LoA	-7,078	0,053	0,293
CHR6	664438	CHR6:664438	SSF x LoA	-8,285	-0,048	0,282
CHR6	664441	CHR6:664441	SSF x LoA	-7,880	-0,026	0,277
CHR6	6646276	CHR6:6646276	SSF x LoA	-9,150	0,074	0,291
CHR6	6653726	CHR6:6653726	SSF x LoA	-9,343	-0,132	0,280
CHR6	6654027	CHR6:6654027	SSF x LoA	-8,413	-0,011	0,291
CHR6	6654028	CHR6:6654028	SSF x LoA	-8,500	-0,058	0,287
CHR6	6654115	CHR6:6654115	SSF x LoA	-10,159	0,106	0,277
CHR6	6662808	CHR6:6662808	SSF x LoA	-8,554	0,023	0,290
CHR6	6663809	CHR6:6663809	SSF x LoA	-8,468	0,034	0,288
CHR6	6673153	CHR6:6673153	SSF x LoA	-7,549	0,040	0,317
CHR6	6673205	CHR6:6673205	SSF x LoA	-9,162	-0,012	0,293
CHR6	6673221	CHR6:6673221	SSF x LoA	-0,181	-0,135	0,292
CHR6	6673261	CHR6:6673261	SSF x LoA	-5,790	-0,139	0,282
CHR6	6673262	CHR6:6673262	SSF x LoA	-8,029	-0,066	0,288
CHR6	6673264	CHR6:6673264	SSF x LoA	-7,838	0,016	0,303
CHR6	6673343	CHR6:6673343	SSF x LoA	-7,202	-0,158	0,285
CHR6	6680105	CHR6:6680105	SSF x LoA	-9,023	0,084	0,298
CHR6	6680136	CHR6:6680136	SSF x LoA	-8,552	0,083	0,282
CHR6	6680248	CHR6:6680248	SSF x LoA	-7,845	0,142	0,285
CHR6	6680283	CHR6:6680283	SSF x LoA	-8,673	0,034	0,276
CHR6	6680340	CHR6:6680340	SSF x LoA	-9,041	-0,050	0,294
CHR6	6680423	CHR6:6680423	SSF x LoA	-10,115	-0,108	0,286
CHR6	6680500	CHR6:6680500	SSF x LoA	-9,390	0,031	0,292
CHR6	668843	CHR6:668843	SSF x LoA	-0,847	-0,094	0,281
CHR6	668887	CHR6:668887	SSF x LoA	-6,090	-0,106	0,267
CHR6	6699567	CHR6:6699567	SSF x LoA	-1,470	-0,105	0,288
CHR6	6699599	CHR6:6699599	SSF x LoA	-8,384	0,067	0,278
CHR6	6699614	CHR6:6699614	SSF x LoA	-8,012	-0,071	0,289
CHR6	6699632	CHR6:6699632	SSF x LoA	-7,950	-0,093	0,290
CHR6	6699635	CHR6:6699635	SSF x LoA	-8,727	0,019	0,287
CHR6	670816	CHR6:670816	SSF x LoA	-8,611	0,105	0,298
CHR6	670873	CHR6:670873	SSF x LoA	-4,342	0,096	0,296
CHR6	670879	CHR6:670879	SSF x LoA	-8,579	0,129	0,305
CHR6	6709766	CHR6:6709766	SSF x LoA	-11,225	-0,038	0,291
CHR6	6709852	CHR6:6709852	SSF x LoA	-7,782	0,000	0,287
CHR6	6709947	CHR6:6709947	SSF x LoA	-8,684	-0,038	0,289
CHR6	6709972	CHR6:6709972	SSF x LoA	-8,938	0,016	0,291
CHR6	6709985	CHR6:6709985	SSF x LoA	-9,062	0,021	0,280
CHR6	6709989	CHR6:6709989	SSF x LoA	-6,090	0,020	0,295
CHR6	6710012	CHR6:6710012	SSF x LoA	-8,162	0,011	0,298
CHR6	6710028	CHR6:6710028	SSF x LoA	-2,917	0,026	0,281
CHR6	6710120	CHR6:6710120	SSF x LoA	-8,588	0,014	0,302
CHR6	6710136	CHR6:6710136	SSF x LoA	-8,110	-0,051	0,296

CHR6	6726179	CHR6:6726179	SSF x LoA	-8,353	0,031	0,281
CHR6	6728050	CHR6:6728050	SSF x LoA	-8,050	-0,016	0,281
CHR6	6728160	CHR6:6728160	SSF x LoA	-10,504	0,054	0,290
CHR6	6728165	CHR6:6728165	SSF x LoA	-6,583	0,059	0,281
CHR6	6728191	CHR6:6728191	SSF x LoA	-8,069	0,062	0,279
CHR6	6728196	CHR6:6728196	SSF x LoA	-7,850	0,007	0,283
CHR6	6728200	CHR6:6728200	SSF x LoA	-8,259	0,003	0,286
CHR6	6728213	CHR6:6728213	SSF x LoA	-10,285	-0,061	0,277
CHR6	6728214	CHR6:6728214	SSF x LoA	-7,233	0,011	0,304
CHR6	6728218	CHR6:6728218	SSF x LoA	-8,519	-0,025	0,276
CHR6	6728282	CHR6:6728282	SSF x LoA	-8,079	0,012	0,289
CHR6	6735942	CHR6:6735942	SSF x LoA	-10,796	0,047	0,288
CHR6	673690	CHR6:673690	SSF x LoA	-8,833	-0,147	0,291
CHR6	673826	CHR6:673826	SSF x LoA	-10,429	0,042	0,303
CHR6	673899	CHR6:673899	SSF x LoA	-6,480	0,112	0,287
CHR6	673948	CHR6:673948	SSF x LoA	-3,942	-0,224	0,275
CHR6	673968	CHR6:673968	SSF x LoA	-9,078	0,086	0,291
CHR6	6740065	CHR6:6740065	SSF x LoA	-7,074	-0,054	0,286
CHR6	6740073	CHR6:6740073	SSF x LoA	-11,046	0,021	0,287
CHR6	6740074	CHR6:6740074	SSF x LoA	-10,118	0,054	0,299
CHR6	6742527	CHR6:6742527	SSF x LoA	-9,581	0,119	0,301
CHR6	6742578	CHR6:6742578	SSF x LoA	-8,714	0,000	0,283
CHR6	6742642	CHR6:6742642	SSF x LoA	-11,725	0,015	0,285
CHR6	6757511	CHR6:6757511	SSF x LoA	-11,740	-0,013	0,270
CHR6	6757675	CHR6:6757675	SSF x LoA	-6,821	-0,039	0,291
CHR6	6757699	CHR6:6757699	SSF x LoA	-7,893	-0,022	0,281
CHR6	6761175	CHR6:6761175	SSF x LoA	-10,158	0,071	0,283
CHR6	6761176	CHR6:6761176	SSF x LoA	-9,075	0,094	0,287
CHR6	6761208	CHR6:6761208	SSF x LoA	-10,023	-0,007	0,286
CHR6	6761213	CHR6:6761213	SSF x LoA	-1,372	-0,013	0,294
CHR6	6769017	CHR6:6769017	SSF x LoA	-9,890	-0,031	0,290
CHR6	6772562	CHR6:6772562	SSF x LoA	-5,154	-0,060	0,294
CHR6	6772607	CHR6:6772607	SSF x LoA	-7,708	0,156	0,275
CHR6	6772625	CHR6:6772625	SSF x LoA	-8,260	-0,075	0,301
CHR6	6772632	CHR6:6772632	SSF x LoA	-5,684	0,120	0,280
CHR6	6772663	CHR6:6772663	SSF x LoA	-8,539	0,075	0,283
CHR6	6772711	CHR6:6772711	SSF x LoA	-8,445	0,057	0,301
CHR6	6772775	CHR6:6772775	SSF x LoA	-9,433	0,046	0,291
CHR6	6772776	CHR6:6772776	SSF x LoA	-9,214	-0,001	0,309
CHR6	6781526	CHR6:6781526	SSF x LoA	-11,292	-0,047	0,281
CHR6	6796780	CHR6:6796780	SSF x LoA	-9,216	0,005	0,294
CHR6	6797198	CHR6:6797198	SSF x LoA	-8,520	-0,072	0,305
CHR6	680773	CHR6:680773	SSF x LoA	-7,366	0,013	0,300
CHR6	680898	CHR6:680898	SSF x LoA	-8,973	0,000	0,289
CHR6	680968	CHR6:680968	SSF x LoA	-10,984	0,000	0,275
CHR6	681000	CHR6:681000	SSF x LoA	-7,953	0,079	0,296
CHR6	681119	CHR6:681119	SSF x LoA	-6,913	-0,032	0,291
CHR6	6814570	CHR6:6814570	SSF x LoA	-9,546	-0,025	0,304
CHR6	6814577	CHR6:6814577	SSF x LoA	-7,175	0,178	0,287
CHR6	6814646	CHR6:6814646	SSF x LoA	-10,102	0,036	0,288
CHR6	6814653	CHR6:6814653	SSF x LoA	-10,309	0,018	0,279
CHR6	6814670	CHR6:6814670	SSF x LoA	-6,575	-0,142	0,300
CHR6	6814685	CHR6:6814685	SSF x LoA	-7,984	0,034	0,298

CHR6	6814707	CHR6:6814707	SSF x LoA	-8,840	0,017	0,302
CHR6	6814742	CHR6:6814742	SSF x LoA	-8,704	0,021	0,293
CHR6	6814771	CHR6:6814771	SSF x LoA	-8,780	0,083	0,268
CHR6	6814772	CHR6:6814772	SSF x LoA	-7,193	0,088	0,297
CHR6	6825144	CHR6:6825144	SSF x LoA	-11,219	-0,033	0,297
CHR6	6825148	CHR6:6825148	SSF x LoA	-11,588	-0,021	0,302
CHR6	6825231	CHR6:6825231	SSF x LoA	-8,260	0,028	0,285
CHR6	6825250	CHR6:6825250	SSF x LoA	-7,633	0,018	0,294
CHR6	6825329	CHR6:6825329	SSF x LoA	-9,482	-0,004	0,296
CHR6	6873024	CHR6:6873024	SSF x LoA	-5,849	-0,084	0,285
CHR6	6873134	CHR6:6873134	SSF x LoA	-10,081	0,076	0,280
CHR6	6873139	CHR6:6873139	SSF x LoA	-10,387	-0,071	0,283
CHR6	6873143	CHR6:6873143	SSF x LoA	-8,157	-0,037	0,293
CHR6	6873182	CHR6:6873182	SSF x LoA	-8,144	0,052	0,289
CHR6	6885663	CHR6:6885663	SSF x LoA	-5,561	-0,135	0,293
CHR6	6885757	CHR6:6885757	SSF x LoA	-10,896	0,063	0,293
CHR6	6885824	CHR6:6885824	SSF x LoA	-9,366	0,037	0,287
CHR6	6885835	CHR6:6885835	SSF x LoA	-9,268	0,012	0,293
CHR6	6901781	CHR6:6901781	SSF x LoA	-2,156	0,145	0,271
CHR6	6901803	CHR6:6901803	SSF x LoA	-8,935	-0,022	0,278
CHR6	6901830	CHR6:6901830	SSF x LoA	-9,231	0,007	0,293
CHR6	6901890	CHR6:6901890	SSF x LoA	-10,141	-0,058	0,285
CHR6	690698	CHR6:690698	SSF x LoA	-6,556	-0,019	0,317
CHR6	690713	CHR6:690713	SSF x LoA	-5,749	-0,009	0,306
CHR6	690736	CHR6:690736	SSF x LoA	-8,666	-0,025	0,294
CHR6	690745	CHR6:690745	SSF x LoA	-8,757	-0,004	0,299
CHR6	690756	CHR6:690756	SSF x LoA	-8,670	-0,015	0,297
CHR6	6952887	CHR6:6952887	SSF x LoA	-9,211	-0,006	0,292
CHR6	6952900	CHR6:6952900	SSF x LoA	-6,276	-0,102	0,280
CHR6	6952972	CHR6:6952972	SSF x LoA	-10,507	0,076	0,301
CHR6	6963502	CHR6:6963502	SSF x LoA	-10,648	0,034	0,293
CHR6	704005	CHR6:704005	SSF x LoA	-8,402	-0,046	0,288
CHR6	704037	CHR6:704037	SSF x LoA	-8,262	0,036	0,288
CHR6	704270	CHR6:704270	SSF x LoA	-7,916	-0,033	0,283
CHR6	7094166	CHR6:7094166	SSF x LoA	-8,871	-0,181	0,271
CHR6	7104097	CHR6:7104097	SSF x LoA	-10,523	-0,026	0,292
CHR6	7104100	CHR6:7104100	SSF x LoA	-7,364	-0,016	0,280
CHR6	711933	CHR6:711933	SSF x LoA	-7,853	0,054	0,291
CHR6	712174	CHR6:712174	SSF x LoA	-8,158	0,045	0,277
CHR6	7145262	CHR6:7145262	SSF x LoA	-7,248	0,076	0,293
CHR6	7145272	CHR6:7145272	SSF x LoA	-7,301	0,073	0,295
CHR6	7145300	CHR6:7145300	SSF x LoA	-9,862	-0,034	0,285
CHR6	7145347	CHR6:7145347	SSF x LoA	-6,413	0,062	0,298
CHR6	7145376	CHR6:7145376	SSF x LoA	-7,052	0,142	0,289
CHR6	7145463	CHR6:7145463	SSF x LoA	-7,679	0,052	0,290
CHR6	7148777	CHR6:7148777	SSF x LoA	-8,250	-0,018	0,292
CHR6	7148936	CHR6:7148936	SSF x LoA	-7,951	-0,122	0,293
CHR6	7148976	CHR6:7148976	SSF x LoA	-8,110	-0,060	0,286
CHR6	7173095	CHR6:7173095	SSF x LoA	-5,818	-0,122	0,273
CHR6	7173167	CHR6:7173167	SSF x LoA	-8,619	-0,064	0,284
CHR6	7189505	CHR6:7189505	SSF x LoA	-8,861	0,043	0,272
CHR6	7189637	CHR6:7189637	SSF x LoA	-9,919	0,023	0,292
CHR6	7202962	CHR6:7202962	SSF x LoA	-9,351	0,019	0,289

CHR6	7202972	CHR6:7202972	SSF x LoA	-10,859	-0,011	0,276
CHR6	7246741	CHR6:7246741	SSF x LoA	-10,820	0,019	0,295
CHR6	7251641	CHR6:7251641	SSF x LoA	-8,416	-0,008	0,288
CHR6	7295037	CHR6:7295037	SSF x LoA	-9,734	-0,064	0,284
CHR6	730843	CHR6:730843	SSF x LoA	-7,912	0,025	0,282
CHR6	7334231	CHR6:7334231	SSF x LoA	-11,161	0,015	0,281
CHR6	7352763	CHR6:7352763	SSF x LoA	-9,845	0,083	0,286
CHR6	7366489	CHR6:7366489	SSF x LoA	-8,067	-0,004	0,285
CHR6	7367486	CHR6:7367486	SSF x LoA	-8,159	0,060	0,282
CHR6	7369221	CHR6:7369221	SSF x LoA	-5,161	0,018	0,287
CHR6	7379867	CHR6:7379867	SSF x LoA	-8,312	0,084	0,284
CHR6	7421188	CHR6:7421188	SSF x LoA	-7,012	0,103	0,300
CHR6	7421211	CHR6:7421211	SSF x LoA	-6,625	0,107	0,299
CHR6	7500168	CHR6:7500168	SSF x LoA	-8,582	0,011	0,289
CHR6	750219	CHR6:750219	SSF x LoA	-10,793	-0,070	0,273
CHR6	7525992	CHR6:7525992	SSF x LoA	-11,140	0,065	0,290
CHR6	7526233	CHR6:7526233	SSF x LoA	-8,006	0,090	0,275
CHR6	7545760	CHR6:7545760	SSF x LoA	-8,450	0,084	0,277
CHR6	7545844	CHR6:7545844	SSF x LoA	-5,564	-0,035	0,299
CHR6	7545869	CHR6:7545869	SSF x LoA	-8,661	0,001	0,285
CHR6	7545878	CHR6:7545878	SSF x LoA	-8,451	0,047	0,295
CHR6	7545909	CHR6:7545909	SSF x LoA	-8,918	-0,017	0,298
CHR6	7548319	CHR6:7548319	SSF x LoA	-8,150	-0,026	0,305
CHR6	7548346	CHR6:7548346	SSF x LoA	-8,444	-0,026	0,302
CHR6	7548420	CHR6:7548420	SSF x LoA	-7,124	-0,070	0,290
CHR6	7555420	CHR6:7555420	SSF x LoA	-5,126	-0,207	0,268
CHR6	7558889	CHR6:7558889	SSF x LoA	-9,010	0,094	0,290
CHR6	7558894	CHR6:7558894	SSF x LoA	-6,149	0,115	0,292
CHR6	7564993	CHR6:7564993	SSF x LoA	-7,507	0,012	0,280
CHR6	7565045	CHR6:7565045	SSF x LoA	-9,213	0,012	0,284
CHR6	7565140	CHR6:7565140	SSF x LoA	-6,045	0,035	0,284
CHR6	7565141	CHR6:7565141	SSF x LoA	-8,580	0,029	0,280
CHR6	7565180	CHR6:7565180	SSF x LoA	-9,782	-0,033	0,288
CHR6	756773	CHR6:756773	SSF x LoA	-6,350	-0,122	0,295
CHR6	756809	CHR6:756809	SSF x LoA	-7,084	-0,094	0,292
CHR6	7569667	CHR6:7569667	SSF x LoA	-8,447	-0,020	0,266
CHR6	7569773	CHR6:7569773	SSF x LoA	-10,506	0,070	0,299
CHR6	7569838	CHR6:7569838	SSF x LoA	-6,426	0,113	0,294
CHR6	7579829	CHR6:7579829	SSF x LoA	-7,910	0,150	0,276
CHR6	7579837	CHR6:7579837	SSF x LoA	-8,847	0,006	0,300
CHR6	7580105	CHR6:7580105	SSF x LoA	-8,280	-0,060	0,291
CHR6	7580218	CHR6:7580218	SSF x LoA	-6,838	-0,064	0,285
CHR6	7591522	CHR6:7591522	SSF x LoA	-10,153	0,054	0,296
CHR6	7599333	CHR6:7599333	SSF x LoA	-8,886	-0,078	0,272
CHR6	7606681	CHR6:7606681	SSF x LoA	-6,561	-0,137	0,294
CHR6	7611415	CHR6:7611415	SSF x LoA	-9,990	0,029	0,286
CHR6	7657342	CHR6:7657342	SSF x LoA	-7,423	0,036	0,288
CHR6	7659002	CHR6:7659002	SSF x LoA	-9,489	0,062	0,294
CHR6	7659003	CHR6:7659003	SSF x LoA	-9,287	0,048	0,285
CHR6	7659050	CHR6:7659050	SSF x LoA	-8,293	-0,036	0,293
CHR6	7659063	CHR6:7659063	SSF x LoA	-10,095	-0,104	0,291
CHR6	7659100	CHR6:7659100	SSF x LoA	-8,173	-0,084	0,292
CHR6	7659102	CHR6:7659102	SSF x LoA	-7,183	0,038	0,302

CHR6	7659121	CHR6:7659121	SSF x LoA	-10,103	0,021	0,289
CHR6	7659136	CHR6:7659136	SSF x LoA	-8,145	0,078	0,304
CHR6	7659145	CHR6:7659145	SSF x LoA	-6,062	-0,092	0,285
CHR6	7659147	CHR6:7659147	SSF x LoA	-10,306	0,026	0,290
CHR6	7659217	CHR6:7659217	SSF x LoA	-7,965	-0,004	0,299
CHR6	7659231	CHR6:7659231	SSF x LoA	-11,238	0,001	0,295
CHR6	7659233	CHR6:7659233	SSF x LoA	-9,626	0,023	0,297
CHR6	7659319	CHR6:7659319	SSF x LoA	-11,233	-0,040	0,288
CHR6	7681872	CHR6:7681872	SSF x LoA	-7,478	0,126	0,297
CHR6	7687554	CHR6:7687554	SSF x LoA	-8,035	0,152	0,273
CHR6	7701129	CHR6:7701129	SSF x LoA	-8,768	-0,011	0,306
CHR6	7701215	CHR6:7701215	SSF x LoA	-4,844	-0,152	0,282
CHR6	7701267	CHR6:7701267	SSF x LoA	-10,007	-0,008	0,285
CHR6	7701341	CHR6:7701341	SSF x LoA	-9,652	0,002	0,285
CHR6	7701480	CHR6:7701480	SSF x LoA	-9,357	-0,071	0,292
CHR6	7725738	CHR6:7725738	SSF x LoA	-7,746	0,053	0,306
CHR6	7725777	CHR6:7725777	SSF x LoA	-8,525	0,011	0,286
CHR6	7725914	CHR6:7725914	SSF x LoA	-7,046	-0,056	0,305
CHR6	7725934	CHR6:7725934	SSF x LoA	-8,742	0,096	0,295
CHR6	7729746	CHR6:7729746	SSF x LoA	-1,269	0,048	0,291
CHR6	7729778	CHR6:7729778	SSF x LoA	-8,561	0,043	0,280
CHR6	7729951	CHR6:7729951	SSF x LoA	-10,166	0,116	0,282
CHR6	7733838	CHR6:7733838	SSF x LoA	-7,109	-0,056	0,283
CHR6	7733911	CHR6:7733911	SSF x LoA	-7,228	0,124	0,298
CHR6	7734181	CHR6:7734181	SSF x LoA	-10,203	-0,157	0,266
CHR6	7751498	CHR6:7751498	SSF x LoA	-10,021	0,089	0,284
CHR6	7751542	CHR6:7751542	SSF x LoA	-9,440	0,005	0,291
CHR6	775567	CHR6:775567	SSF x LoA	-8,109	-0,106	0,298
CHR6	7758231	CHR6:7758231	SSF x LoA	-9,203	0,087	0,285
CHR6	7758239	CHR6:7758239	SSF x LoA	-8,962	-0,073	0,291
CHR6	7758276	CHR6:7758276	SSF x LoA	0,234	-0,072	0,289
CHR6	7758282	CHR6:7758282	SSF x LoA	-8,628	0,085	0,275
CHR6	7769026	CHR6:7769026	SSF x LoA	-8,887	-0,024	0,297
CHR6	7774227	CHR6:7774227	SSF x LoA	-7,524	0,107	0,295
CHR6	7774273	CHR6:7774273	SSF x LoA	-3,970	-0,162	0,280
CHR6	7774326	CHR6:7774326	SSF x LoA	-9,832	-0,060	0,280
CHR6	7774348	CHR6:7774348	SSF x LoA	-9,200	-0,022	0,283
CHR6	7774356	CHR6:7774356	SSF x LoA	-7,805	-0,073	0,291
CHR6	7774434	CHR6:7774434	SSF x LoA	-7,631	-0,069	0,305
CHR6	7774481	CHR6:7774481	SSF x LoA	-10,269	0,097	0,279
CHR6	7774523	CHR6:7774523	SSF x LoA	3,875	0,080	0,297
CHR6	7788649	CHR6:7788649	SSF x LoA	-9,688	-0,075	0,292
CHR6	7788728	CHR6:7788728	SSF x LoA	-1,762	0,271	0,274
CHR6	7797462	CHR6:7797462	SSF x LoA	-7,782	0,180	0,275
CHR6	7801065	CHR6:7801065	SSF x LoA	-9,947	-0,015	0,286
CHR6	7813786	CHR6:7813786	SSF x LoA	-9,863	0,007	0,289
CHR6	7813873	CHR6:7813873	SSF x LoA	-9,361	0,044	0,284
CHR6	7813874	CHR6:7813874	SSF x LoA	-6,039	0,109	0,293
CHR6	7814033	CHR6:7814033	SSF x LoA	-10,392	-0,058	0,294
CHR6	7840497	CHR6:7840497	SSF x LoA	-9,527	0,010	0,297
CHR6	7840553	CHR6:7840553	SSF x LoA	-10,656	0,057	0,269
CHR6	7849777	CHR6:7849777	SSF x LoA	-7,638	0,038	0,293
CHR6	7849837	CHR6:7849837	SSF x LoA	-2,090	0,175	0,297

CHR6	7860691	CHR6:7860691	SSF x LoA	-8,609	0,105	0,284
CHR6	7860757	CHR6:7860757	SSF x LoA	-5,890	0,027	0,295
CHR6	7860808	CHR6:7860808	SSF x LoA	-7,328	0,160	0,293
CHR6	7860816	CHR6:7860816	SSF x LoA	-8,573	0,032	0,301
CHR6	7860843	CHR6:7860843	SSF x LoA	-10,835	-0,015	0,284
CHR6	7870601	CHR6:7870601	SSF x LoA	-8,167	0,042	0,291
CHR6	787171	CHR6:787171	SSF x LoA	-8,831	-0,013	0,291
CHR6	788378	CHR6:788378	SSF x LoA	-9,922	-0,032	0,293
CHR6	7884457	CHR6:7884457	SSF x LoA	-8,979	0,086	0,286
CHR6	7887559	CHR6:7887559	SSF x LoA	-12,082	-0,018	0,293
CHR6	7887583	CHR6:7887583	SSF x LoA	-6,384	0,020	0,297
CHR6	7887741	CHR6:7887741	SSF x LoA	-9,369	0,018	0,287
CHR6	7887907	CHR6:7887907	SSF x LoA	-7,952	0,075	0,292
CHR6	7894849	CHR6:7894849	SSF x LoA	-9,886	0,057	0,291
CHR6	7894942	CHR6:7894942	SSF x LoA	-5,961	-0,201	0,271
CHR6	7895022	CHR6:7895022	SSF x LoA	-6,441	-0,037	0,286
CHR6	7898851	CHR6:7898851	SSF x LoA	-9,287	-0,005	0,295
CHR6	7898855	CHR6:7898855	SSF x LoA	-6,432	0,064	0,278
CHR6	7898885	CHR6:7898885	SSF x LoA	-7,015	-0,024	0,296
CHR6	7899016	CHR6:7899016	SSF x LoA	-8,804	0,054	0,271
CHR6	7899132	CHR6:7899132	SSF x LoA	-7,074	-0,133	0,275
CHR6	7899144	CHR6:7899144	SSF x LoA	-6,905	-0,110	0,296
CHR6	7925298	CHR6:7925298	SSF x LoA	-8,039	0,105	0,293
CHR6	7930970	CHR6:7930970	SSF x LoA	-9,855	0,010	0,293
CHR6	7931257	CHR6:7931257	SSF x LoA	-5,969	0,149	0,288
CHR6	7934268	CHR6:7934268	SSF x LoA	-9,751	-0,078	0,275
CHR6	7934315	CHR6:7934315	SSF x LoA	-6,634	0,002	0,302
CHR6	7934337	CHR6:7934337	SSF x LoA	-9,662	-0,033	0,298
CHR6	7948479	CHR6:7948479	SSF x LoA	-7,374	-0,076	0,284
CHR6	7948481	CHR6:7948481	SSF x LoA	-5,874	0,130	0,270
CHR6	7948533	CHR6:7948533	SSF x LoA	-11,071	0,025	0,273
CHR6	7948540	CHR6:7948540	SSF x LoA	-10,479	0,110	0,281
CHR6	7948559	CHR6:7948559	SSF x LoA	-8,663	0,017	0,270
CHR6	7951976	CHR6:7951976	SSF x LoA	-9,447	-0,077	0,305
CHR6	7952048	CHR6:7952048	SSF x LoA	-9,173	-0,132	0,285
CHR6	7957027	CHR6:7957027	SSF x LoA	-9,562	0,020	0,273
CHR6	7957028	CHR6:7957028	SSF x LoA	-7,729	0,036	0,284
CHR6	7957066	CHR6:7957066	SSF x LoA	-9,930	-0,029	0,272
CHR6	7957133	CHR6:7957133	SSF x LoA	-8,523	-0,065	0,289
CHR6	7957173	CHR6:7957173	SSF x LoA	-6,976	-0,076	0,296
CHR6	7961096	CHR6:7961096	SSF x LoA	-7,256	-0,031	0,295
CHR6	7961247	CHR6:7961247	SSF x LoA	-8,113	-0,077	0,281
CHR6	7966321	CHR6:7966321	SSF x LoA	-6,691	-0,143	0,284
CHR6	7974911	CHR6:7974911	SSF x LoA	-10,458	-0,024	0,291
CHR6	7974947	CHR6:7974947	SSF x LoA	-10,856	-0,058	0,278
CHR6	7974996	CHR6:7974996	SSF x LoA	-3,609	0,130	0,276
CHR6	7976063	CHR6:7976063	SSF x LoA	-7,550	0,059	0,299
CHR6	7976094	CHR6:7976094	SSF x LoA	-7,542	0,109	0,289
CHR6	7980259	CHR6:7980259	SSF x LoA	-7,106	0,170	0,278
CHR6	7982027	CHR6:7982027	SSF x LoA	-7,514	0,028	0,310
CHR6	7982057	CHR6:7982057	SSF x LoA	-8,499	-0,037	0,295
CHR6	7982086	CHR6:7982086	SSF x LoA	-6,873	-0,118	0,280
CHR6	7982093	CHR6:7982093	SSF x LoA	-6,591	-0,103	0,294

CHR6	7982100	CHR6:7982100	SSF x LoA	-8,418	-0,039	0,288
CHR6	7982107	CHR6:7982107	SSF x LoA	-8,070	-0,011	0,299
CHR6	7982133	CHR6:7982133	SSF x LoA	-5,056	0,115	0,293
CHR6	7982140	CHR6:7982140	SSF x LoA	-9,857	0,037	0,295
CHR6	7982145	CHR6:7982145	SSF x LoA	-9,043	0,094	0,273
CHR6	7984028	CHR6:7984028	SSF x LoA	-6,599	0,030	0,288
CHR6	7985373	CHR6:7985373	SSF x LoA	-9,097	0,029	0,290
CHR6	7985381	CHR6:7985381	SSF x LoA	-6,954	-0,114	0,290
CHR6	7988794	CHR6:7988794	SSF x LoA	-7,407	-0,072	0,283
CHR6	7988871	CHR6:7988871	SSF x LoA	-7,428	-0,070	0,271
CHR6	7996576	CHR6:7996576	SSF x LoA	-8,773	0,054	0,287
CHR6	7996720	CHR6:7996720	SSF x LoA	-10,827	-0,025	0,282
CHR6	7996930	CHR6:7996930	SSF x LoA	-9,084	-0,095	0,287
CHR6	8005738	CHR6:8005738	SSF x LoA	1,454	-0,058	0,301
CHR6	8005814	CHR6:8005814	SSF x LoA	-9,831	-0,031	0,292
CHR6	8005989	CHR6:8005989	SSF x LoA	-8,856	0,020	0,290
CHR6	8005994	CHR6:8005994	SSF x LoA	-7,504	0,064	0,302
CHR6	8018838	CHR6:8018838	SSF x LoA	-10,236	0,087	0,283
CHR6	8018928	CHR6:8018928	SSF x LoA	-7,282	0,100	0,276
CHR6	8018949	CHR6:8018949	SSF x LoA	-8,503	-0,030	0,290
CHR6	8019098	CHR6:8019098	SSF x LoA	-8,015	-0,019	0,297
CHR6	8033383	CHR6:8033383	SSF x LoA	-9,163	0,023	0,294
CHR6	8033387	CHR6:8033387	SSF x LoA	-10,106	0,004	0,286
CHR6	8033404	CHR6:8033404	SSF x LoA	-9,117	0,013	0,296
CHR6	8067662	CHR6:8067662	SSF x LoA	-6,907	-0,125	0,279
CHR6	8079548	CHR6:8079548	SSF x LoA	-7,234	0,010	0,286
CHR6	8079559	CHR6:8079559	SSF x LoA	-6,670	-0,117	0,268
CHR6	8079574	CHR6:8079574	SSF x LoA	-9,870	0,021	0,282
CHR6	8080806	CHR6:8080806	SSF x LoA	-8,289	0,022	0,295
CHR6	8082214	CHR6:8082214	SSF x LoA	-6,949	-0,136	0,302
CHR6	8082228	CHR6:8082228	SSF x LoA	-9,199	0,002	0,276
CHR6	8082229	CHR6:8082229	SSF x LoA	-8,032	0,009	0,289
CHR6	8082269	CHR6:8082269	SSF x LoA	-9,287	0,081	0,287
CHR6	8082284	CHR6:8082284	SSF x LoA	-9,344	0,067	0,284
CHR6	8094848	CHR6:8094848	SSF x LoA	-9,631	-0,060	0,281
CHR6	8096734	CHR6:8096734	SSF x LoA	-7,645	-0,115	0,280
CHR6	8096785	CHR6:8096785	SSF x LoA	-11,042	-0,053	0,284
CHR6	8096789	CHR6:8096789	SSF x LoA	-10,658	-0,035	0,293
CHR6	8096803	CHR6:8096803	SSF x LoA	-8,481	-0,070	0,293
CHR6	8096893	CHR6:8096893	SSF x LoA	-9,785	-0,052	0,282
CHR6	810839	CHR6:810839	SSF x LoA	-7,911	-0,171	0,286
CHR6	810968	CHR6:810968	SSF x LoA	-6,741	-0,069	0,289
CHR6	810975	CHR6:810975	SSF x LoA	-6,534	-0,116	0,279
CHR6	810998	CHR6:810998	SSF x LoA	-3,378	-0,109	0,275
CHR6	8110415	CHR6:8110415	SSF x LoA	0,829	-0,055	0,290
CHR6	811101	CHR6:811101	SSF x LoA	-6,764	0,181	0,282
CHR6	811124	CHR6:811124	SSF x LoA	-3,117	-0,136	0,273
CHR6	811130	CHR6:811130	SSF x LoA	-7,635	-0,041	0,295
CHR6	811133	CHR6:811133	SSF x LoA	-8,076	0,100	0,290
CHR6	811134	CHR6:811134	SSF x LoA	-8,701	-0,168	0,276
CHR6	8132929	CHR6:8132929	SSF x LoA	-8,618	-0,099	0,292
CHR6	8132987	CHR6:8132987	SSF x LoA	-4,560	0,220	0,284
CHR6	813688	CHR6:813688	SSF x LoA	-9,387	-0,074	0,298

CHR6	8137257	CHR6:8137257	SSF x LoA	-7,696	0,050	0,287
CHR6	8137345	CHR6:8137345	SSF x LoA	-10,217	-0,023	0,289
CHR6	813745	CHR6:813745	SSF x LoA	7,573	-0,185	0,270
CHR6	813760	CHR6:813760	SSF x LoA	-11,755	0,008	0,271
CHR6	8143639	CHR6:8143639	SSF x LoA	-9,112	-0,022	0,298
CHR6	8143728	CHR6:8143728	SSF x LoA	-10,052	0,093	0,281
CHR6	8143804	CHR6:8143804	SSF x LoA	-9,132	0,138	0,285
CHR6	8150611	CHR6:8150611	SSF x LoA	-6,593	0,071	0,291
CHR6	8150616	CHR6:8150616	SSF x LoA	-8,881	0,035	0,275
CHR6	8159859	CHR6:8159859	SSF x LoA	-8,115	-0,088	0,296
CHR6	8164586	CHR6:8164586	SSF x LoA	-6,788	-0,005	0,291
CHR6	8164601	CHR6:8164601	SSF x LoA	-9,864	0,172	0,285
CHR6	8164776	CHR6:8164776	SSF x LoA	-9,463	0,042	0,298
CHR6	8168769	CHR6:8168769	SSF x LoA	-11,394	-0,047	0,298
CHR6	8168771	CHR6:8168771	SSF x LoA	-6,166	-0,038	0,299
CHR6	8168772	CHR6:8168772	SSF x LoA	-9,646	-0,013	0,297
CHR6	8168773	CHR6:8168773	SSF x LoA	-10,271	-0,013	0,286
CHR6	8168775	CHR6:8168775	SSF x LoA	-8,542	-0,026	0,302
CHR6	8168932	CHR6:8168932	SSF x LoA	-1,204	-0,013	0,302
CHR6	8183547	CHR6:8183547	SSF x LoA	-5,598	0,097	0,292
CHR6	8183752	CHR6:8183752	SSF x LoA	-9,376	0,008	0,292
CHR6	8183775	CHR6:8183775	SSF x LoA	-8,958	0,004	0,296
CHR6	8233984	CHR6:8233984	SSF x LoA	-7,390	-0,153	0,295
CHR6	8234029	CHR6:8234029	SSF x LoA	-9,882	-0,152	0,275
CHR6	823736	CHR6:823736	SSF x LoA	-7,762	-0,140	0,279
CHR6	823811	CHR6:823811	SSF x LoA	-10,416	0,022	0,297
CHR6	823902	CHR6:823902	SSF x LoA	-6,531	-0,164	0,287
CHR6	8244134	CHR6:8244134	SSF x LoA	-8,820	-0,011	0,297
CHR6	8252057	CHR6:8252057	SSF x LoA	-3,453	0,217	0,263
CHR6	8252186	CHR6:8252186	SSF x LoA	-4,296	-0,125	0,285
CHR6	8253554	CHR6:8253554	SSF x LoA	-8,352	0,024	0,299
CHR6	8262249	CHR6:8262249	SSF x LoA	-7,527	-0,098	0,284
CHR6	8262302	CHR6:8262302	SSF x LoA	-8,121	0,036	0,275
CHR6	8263742	CHR6:8263742	SSF x LoA	-9,930	-0,047	0,294
CHR6	8263745	CHR6:8263745	SSF x LoA	0,165	-0,185	0,281
CHR6	8264026	CHR6:8264026	SSF x LoA	-10,163	0,081	0,302
CHR6	8271269	CHR6:8271269	SSF x LoA	-8,503	-0,179	0,280
CHR6	8271415	CHR6:8271415	SSF x LoA	-10,772	0,067	0,289
CHR6	8271466	CHR6:8271466	SSF x LoA	-10,284	0,008	0,285
CHR6	8294709	CHR6:8294709	SSF x LoA	-8,069	0,015	0,311
CHR6	8310489	CHR6:8310489	SSF x LoA	-7,079	0,052	0,300
CHR6	8313303	CHR6:8313303	SSF x LoA	-9,491	-0,011	0,290
CHR6	8313358	CHR6:8313358	SSF x LoA	-8,164	0,080	0,304
CHR6	8313411	CHR6:8313411	SSF x LoA	-9,808	0,025	0,285
CHR6	8316858	CHR6:8316858	SSF x LoA	-11,827	0,052	0,276
CHR6	8322267	CHR6:8322267	SSF x LoA	-6,381	0,109	0,265
CHR6	8331436	CHR6:8331436	SSF x LoA	-11,358	0,041	0,281
CHR6	8332633	CHR6:8332633	SSF x LoA	-10,505	0,132	0,287
CHR6	8344886	CHR6:8344886	SSF x LoA	-8,377	-0,064	0,303
CHR6	8344887	CHR6:8344887	SSF x LoA	7,506	0,154	0,287
CHR6	8345102	CHR6:8345102	SSF x LoA	-10,947	-0,038	0,300
CHR6	842992	CHR6:842992	SSF x LoA	-11,211	0,015	0,292
CHR6	8439780	CHR6:8439780	SSF x LoA	-11,074	0,047	0,277

CHR6	8451020	CHR6:8451020	SSF x LoA	-3,965	-0,196	0,270
CHR6	8452167	CHR6:8452167	SSF x LoA	-10,828	-0,049	0,282
CHR6	8538561	CHR6:8538561	SSF x LoA	-6,725	0,104	0,289
CHR6	8538720	CHR6:8538720	SSF x LoA	-10,965	-0,071	0,296
CHR6	8539886	CHR6:8539886	SSF x LoA	-7,564	-0,007	0,302
CHR6	8540144	CHR6:8540144	SSF x LoA	-10,465	0,041	0,286
CHR6	8540156	CHR6:8540156	SSF x LoA	-5,021	0,163	0,270
CHR6	8547753	CHR6:8547753	SSF x LoA	-4,440	0,062	0,280
CHR6	8547772	CHR6:8547772	SSF x LoA	-8,430	-0,037	0,295
CHR6	8547773	CHR6:8547773	SSF x LoA	-9,054	0,048	0,288
CHR6	8547774	CHR6:8547774	SSF x LoA	-10,351	-0,139	0,282
CHR6	8547823	CHR6:8547823	SSF x LoA	-9,884	0,011	0,292
CHR6	8547824	CHR6:8547824	SSF x LoA	-10,647	-0,052	0,287
CHR6	8547834	CHR6:8547834	SSF x LoA	-7,484	0,107	0,279
CHR6	8547837	CHR6:8547837	SSF x LoA	-10,477	0,012	0,285
CHR6	8560553	CHR6:8560553	SSF x LoA	-8,454	0,122	0,274
CHR6	8560595	CHR6:8560595	SSF x LoA	-8,476	0,022	0,295
CHR6	8560649	CHR6:8560649	SSF x LoA	-10,521	0,025	0,281
CHR6	8587037	CHR6:8587037	SSF x LoA	-11,034	-0,055	0,293
CHR6	8587194	CHR6:8587194	SSF x LoA	-11,110	-0,030	0,280
CHR6	8587218	CHR6:8587218	SSF x LoA	-8,577	0,081	0,289
CHR6	8588360	CHR6:8588360	SSF x LoA	-6,482	0,178	0,272
CHR6	8588383	CHR6:8588383	SSF x LoA	-7,567	0,188	0,280
CHR6	8588443	CHR6:8588443	SSF x LoA	-8,718	0,183	0,279
CHR6	8588452	CHR6:8588452	SSF x LoA	-4,896	0,196	0,293
CHR6	8594942	CHR6:8594942	SSF x LoA	-11,149	0,054	0,293
CHR6	8600693	CHR6:8600693	SSF x LoA	-8,247	-0,055	0,291
CHR6	8600797	CHR6:8600797	SSF x LoA	-7,521	-0,050	0,283
CHR6	8619286	CHR6:8619286	SSF x LoA	-11,697	-0,013	0,274
CHR6	8619404	CHR6:8619404	SSF x LoA	-9,093	-0,095	0,299
CHR6	8621961	CHR6:8621961	SSF x LoA	-9,612	0,025	0,281
CHR6	8621969	CHR6:8621969	SSF x LoA	-9,082	0,100	0,275
CHR6	8622024	CHR6:8622024	SSF x LoA	-8,752	0,004	0,296
CHR6	8622300	CHR6:8622300	SSF x LoA	-6,506	-0,146	0,283
CHR6	8656836	CHR6:8656836	SSF x LoA	-11,113	0,008	0,290
CHR6	8656851	CHR6:8656851	SSF x LoA	-5,421	0,092	0,304
CHR6	8656868	CHR6:8656868	SSF x LoA	-2,851	-0,180	0,276
CHR6	8657727	CHR6:8657727	SSF x LoA	-7,903	-0,009	0,304
CHR6	8657824	CHR6:8657824	SSF x LoA	-8,830	-0,058	0,293
CHR6	8670275	CHR6:8670275	SSF x LoA	-10,307	-0,028	0,279
CHR6	8670449	CHR6:8670449	SSF x LoA	-7,003	-0,163	0,266
CHR6	8670574	CHR6:8670574	SSF x LoA	-9,114	0,025	0,292
CHR6	8677280	CHR6:8677280	SSF x LoA	-7,686	-0,056	0,296
CHR6	8697264	CHR6:8697264	SSF x LoA	-7,738	0,080	0,287
CHR6	8702265	CHR6:8702265	SSF x LoA	-9,893	-0,007	0,284
CHR6	8704064	CHR6:8704064	SSF x LoA	-7,670	-0,004	0,292
CHR6	8704248	CHR6:8704248	SSF x LoA	-6,677	0,066	0,291
CHR6	8704307	CHR6:8704307	SSF x LoA	-11,292	-0,081	0,305
CHR6	8704380	CHR6:8704380	SSF x LoA	-9,771	-0,078	0,281
CHR6	871550	CHR6:871550	SSF x LoA	-10,215	0,065	0,283
CHR6	871658	CHR6:871658	SSF x LoA	-8,259	0,055	0,293
CHR6	8733992	CHR6:8733992	SSF x LoA	-10,223	0,052	0,266
CHR6	8734123	CHR6:8734123	SSF x LoA	-6,997	-0,017	0,275

CHR6	8734293	CHR6:8734293	SSF x LoA	-7,650	0,038	0,273
CHR6	8737303	CHR6:8737303	SSF x LoA	-7,398	-0,058	0,297
CHR6	8737358	CHR6:8737358	SSF x LoA	-7,019	-0,138	0,292
CHR6	8749802	CHR6:8749802	SSF x LoA	-6,887	0,063	0,284
CHR6	8749805	CHR6:8749805	SSF x LoA	-8,359	0,030	0,284
CHR6	8757275	CHR6:8757275	SSF x LoA	-4,336	0,055	0,287
CHR6	8771885	CHR6:8771885	SSF x LoA	-8,328	0,033	0,268
CHR6	8781802	CHR6:8781802	SSF x LoA	-9,897	0,053	0,299
CHR6	8781916	CHR6:8781916	SSF x LoA	-8,897	0,018	0,282
CHR6	8781977	CHR6:8781977	SSF x LoA	-10,896	0,004	0,280
CHR6	8785737	CHR6:8785737	SSF x LoA	-10,693	-0,022	0,302
CHR6	8786052	CHR6:8786052	SSF x LoA	-8,994	0,079	0,298
CHR6	8794628	CHR6:8794628	SSF x LoA	-10,145	-0,081	0,281
CHR6	8794687	CHR6:8794687	SSF x LoA	-8,303	-0,010	0,288
CHR6	8794713	CHR6:8794713	SSF x LoA	-10,873	-0,011	0,281
CHR6	8796076	CHR6:8796076	SSF x LoA	-5,179	-0,265	0,276
CHR6	8799738	CHR6:8799738	SSF x LoA	-6,338	-0,127	0,293
CHR6	8799739	CHR6:8799739	SSF x LoA	-3,454	-0,162	0,283
CHR6	8799780	CHR6:8799780	SSF x LoA	-5,438	-0,087	0,296
CHR6	8799819	CHR6:8799819	SSF x LoA	-8,332	-0,052	0,283
CHR6	8799820	CHR6:8799820	SSF x LoA	-8,480	-0,062	0,278
CHR6	8802304	CHR6:8802304	SSF x LoA	-9,755	-0,005	0,284
CHR6	8802314	CHR6:8802314	SSF x LoA	-7,391	0,045	0,280
CHR6	8802416	CHR6:8802416	SSF x LoA	-6,782	0,105	0,292
CHR6	8802464	CHR6:8802464	SSF x LoA	-4,111	-0,271	0,271
CHR6	8803263	CHR6:8803263	SSF x LoA	-4,270	0,126	0,278
CHR6	8803307	CHR6:8803307	SSF x LoA	-10,043	-0,063	0,285
CHR6	8803333	CHR6:8803333	SSF x LoA	-11,143	-0,091	0,284
CHR6	8803341	CHR6:8803341	SSF x LoA	-7,232	0,076	0,292
CHR6	8811088	CHR6:8811088	SSF x LoA	-8,098	-0,029	0,290
CHR6	8815477	CHR6:8815477	SSF x LoA	-9,572	0,027	0,275
CHR6	8815649	CHR6:8815649	SSF x LoA	-9,712	0,082	0,292
CHR6	8815680	CHR6:8815680	SSF x LoA	-10,279	0,011	0,282
CHR6	8815710	CHR6:8815710	SSF x LoA	-8,898	0,042	0,292
CHR6	8817665	CHR6:8817665	SSF x LoA	-8,095	-0,062	0,297
CHR6	8834274	CHR6:8834274	SSF x LoA	-6,586	0,069	0,302
CHR6	8834333	CHR6:8834333	SSF x LoA	-7,316	-0,037	0,286
CHR6	8834367	CHR6:8834367	SSF x LoA	-7,036	-0,051	0,281
CHR6	8834575	CHR6:8834575	SSF x LoA	-8,320	0,090	0,290
CHR6	8834581	CHR6:8834581	SSF x LoA	-10,429	-0,051	0,292
CHR6	8839247	CHR6:8839247	SSF x LoA	-8,557	0,088	0,287
CHR6	8848562	CHR6:8848562	SSF x LoA	-9,190	0,021	0,268
CHR6	884985	CHR6:884985	SSF x LoA	-9,570	-0,017	0,283
CHR6	8850986	CHR6:8850986	SSF x LoA	-6,927	-0,170	0,279
CHR6	885157	CHR6:885157	SSF x LoA	-10,670	0,016	0,298
CHR6	885180	CHR6:885180	SSF x LoA	-6,057	-0,163	0,270
CHR6	885198	CHR6:885198	SSF x LoA	-10,335	0,013	0,300
CHR6	885208	CHR6:885208	SSF x LoA	-8,955	-0,043	0,296
CHR6	885343	CHR6:885343	SSF x LoA	-8,220	-0,102	0,289
CHR6	8865546	CHR6:8865546	SSF x LoA	-8,942	0,026	0,284
CHR6	8866242	CHR6:8866242	SSF x LoA	-9,547	0,016	0,299
CHR6	8870431	CHR6:8870431	SSF x LoA	-7,182	0,087	0,292
CHR6	8870433	CHR6:8870433	SSF x LoA	-7,850	0,051	0,295

CHR6	8870462	CHR6:8870462	SSF x LoA	-6,688	-0,088	0,296
CHR6	8870492	CHR6:8870492	SSF x LoA	-6,821	-0,075	0,293
CHR6	8872630	CHR6:8872630	SSF x LoA	-10,211	-0,004	0,289
CHR6	8872669	CHR6:8872669	SSF x LoA	-7,533	-0,041	0,294
CHR6	8872863	CHR6:8872863	SSF x LoA	-4,663	0,057	0,303
CHR6	8887765	CHR6:8887765	SSF x LoA	-7,132	0,037	0,290
CHR6	8891523	CHR6:8891523	SSF x LoA	-8,925	0,083	0,271
CHR6	8891556	CHR6:8891556	SSF x LoA	-8,656	0,005	0,282
CHR6	8891714	CHR6:8891714	SSF x LoA	-8,450	-0,014	0,275
CHR6	8891716	CHR6:8891716	SSF x LoA	-8,296	-0,138	0,276
CHR6	8891756	CHR6:8891756	SSF x LoA	-7,317	-0,053	0,276
CHR6	8891757	CHR6:8891757	SSF x LoA	-10,751	0,023	0,293
CHR6	8896025	CHR6:8896025	SSF x LoA	-7,187	-0,065	0,277
CHR6	8896031	CHR6:8896031	SSF x LoA	-7,452	-0,042	0,276
CHR6	8896179	CHR6:8896179	SSF x LoA	-4,148	-0,011	0,303
CHR6	8904929	CHR6:8904929	SSF x LoA	-10,063	0,003	0,304
CHR6	8905119	CHR6:8905119	SSF x LoA	-7,016	-0,077	0,291
CHR6	8939856	CHR6:8939856	SSF x LoA	-7,860	-0,064	0,290
CHR6	8939870	CHR6:8939870	SSF x LoA	-10,582	-0,003	0,297
CHR6	8939872	CHR6:8939872	SSF x LoA	-8,088	-0,049	0,273
CHR6	8939906	CHR6:8939906	SSF x LoA	-7,776	0,088	0,277
CHR6	8939920	CHR6:8939920	SSF x LoA	-6,859	0,052	0,282
CHR6	8939957	CHR6:8939957	SSF x LoA	-9,197	-0,179	0,273
CHR6	8940081	CHR6:8940081	SSF x LoA	-7,170	0,063	0,286
CHR6	8943901	CHR6:8943901	SSF x LoA	-8,272	0,117	0,282
CHR6	8943959	CHR6:8943959	SSF x LoA	-7,325	0,122	0,284
CHR6	8943991	CHR6:8943991	SSF x LoA	-5,325	-0,162	0,288
CHR6	8944012	CHR6:8944012	SSF x LoA	-7,945	0,130	0,289
CHR6	8944041	CHR6:8944041	SSF x LoA	-6,660	0,041	0,302
CHR6	8946685	CHR6:8946685	SSF x LoA	-9,000	-0,061	0,296
CHR6	8946770	CHR6:8946770	SSF x LoA	-7,891	-0,099	0,276
CHR6	8946780	CHR6:8946780	SSF x LoA	-6,174	0,143	0,295
CHR6	8946784	CHR6:8946784	SSF x LoA	-8,329	-0,004	0,302
CHR6	8946796	CHR6:8946796	SSF x LoA	-8,978	-0,105	0,289
CHR6	8946861	CHR6:8946861	SSF x LoA	-7,469	-0,121	0,292
CHR6	8946884	CHR6:8946884	SSF x LoA	-8,462	-0,089	0,300
CHR6	8961762	CHR6:8961762	SSF x LoA	-6,407	-0,069	0,294
CHR6	8961862	CHR6:8961862	SSF x LoA	-8,581	-0,023	0,298
CHR6	8962875	CHR6:8962875	SSF x LoA	-9,305	-0,027	0,295
CHR6	897649	CHR6:897649	SSF x LoA	-7,352	0,038	0,304
CHR6	897689	CHR6:897689	SSF x LoA	-8,550	0,034	0,292
CHR6	9002347	CHR6:9002347	SSF x LoA	-11,198	-0,019	0,276
CHR6	9002449	CHR6:9002449	SSF x LoA	-6,673	-0,032	0,304
CHR6	9002588	CHR6:9002588	SSF x LoA	-10,589	-0,020	0,292
CHR6	9006584	CHR6:9006584	SSF x LoA	-6,748	0,126	0,288
CHR6	9006786	CHR6:9006786	SSF x LoA	-10,123	0,012	0,278
CHR6	9015010	CHR6:9015010	SSF x LoA	-9,068	0,051	0,303
CHR6	902673	CHR6:902673	SSF x LoA	-8,160	-0,075	0,293
CHR6	902734	CHR6:902734	SSF x LoA	-9,661	-0,052	0,279
CHR6	902820	CHR6:902820	SSF x LoA	-9,405	-0,140	0,274
CHR6	902827	CHR6:902827	SSF x LoA	-9,017	-0,021	0,290
CHR6	902907	CHR6:902907	SSF x LoA	-8,182	-0,142	0,284
CHR6	903109	CHR6:903109	SSF x LoA	-9,002	0,109	0,297

CHR6	9032204	CHR6:9032204	SSF x LoA	-10,142	-0,086	0,284
CHR6	9043969	CHR6:9043969	SSF x LoA	-10,476	-0,005	0,299
CHR6	9044047	CHR6:9044047	SSF x LoA	-10,639	0,082	0,289
CHR6	9044152	CHR6:9044152	SSF x LoA	-9,137	0,048	0,281
CHR6	9049483	CHR6:9049483	SSF x LoA	-8,610	-0,061	0,296
CHR6	9049524	CHR6:9049524	SSF x LoA	-9,540	0,030	0,302
CHR6	9049552	CHR6:9049552	SSF x LoA	-5,563	-0,029	0,293
CHR6	9049578	CHR6:9049578	SSF x LoA	-9,933	0,025	0,304
CHR6	9061268	CHR6:9061268	SSF x LoA	-8,775	-0,122	0,286
CHR6	9062967	CHR6:9062967	SSF x LoA	-8,203	-0,122	0,293
CHR6	9062991	CHR6:9062991	SSF x LoA	-8,013	0,114	0,297
CHR6	9062992	CHR6:9062992	SSF x LoA	-10,102	0,010	0,289
CHR6	9068178	CHR6:9068178	SSF x LoA	-9,073	0,070	0,306
CHR6	907350	CHR6:907350	SSF x LoA	-11,088	0,043	0,285
CHR6	907375	CHR6:907375	SSF x LoA	-8,229	0,157	0,284
CHR6	907385	CHR6:907385	SSF x LoA	-6,043	0,147	0,280
CHR6	907388	CHR6:907388	SSF x LoA	-8,911	0,109	0,281
CHR6	907389	CHR6:907389	SSF x LoA	-7,765	0,096	0,282
CHR6	9085292	CHR6:9085292	SSF x LoA	-10,709	0,044	0,288
CHR6	9098799	CHR6:9098799	SSF x LoA	-7,520	-0,153	0,287
CHR6	9107171	CHR6:9107171	SSF x LoA	-10,464	0,082	0,281
CHR6	9107173	CHR6:9107173	SSF x LoA	-11,775	0,020	0,289
CHR6	9107180	CHR6:9107180	SSF x LoA	-10,091	0,102	0,271
CHR6	9107223	CHR6:9107223	SSF x LoA	-9,123	-0,092	0,289
CHR6	9107252	CHR6:9107252	SSF x LoA	-6,455	0,002	0,293
CHR6	9114508	CHR6:9114508	SSF x LoA	-10,893	-0,079	0,286
CHR6	9114569	CHR6:9114569	SSF x LoA	-9,419	0,063	0,280
CHR6	9114571	CHR6:9114571	SSF x LoA	-9,698	0,057	0,283
CHR6	9114671	CHR6:9114671	SSF x LoA	-7,688	-0,071	0,304
CHR6	9133951	CHR6:9133951	SSF x LoA	-7,129	-0,188	0,295
CHR6	9134090	CHR6:9134090	SSF x LoA	-5,843	-0,222	0,282
CHR6	9134104	CHR6:9134104	SSF x LoA	-8,413	0,141	0,280
CHR6	9134149	CHR6:9134149	SSF x LoA	-6,986	0,099	0,303
CHR6	9148966	CHR6:9148966	SSF x LoA	-11,235	0,006	0,292
CHR6	9149027	CHR6:9149027	SSF x LoA	-7,988	0,134	0,271
CHR6	9149049	CHR6:9149049	SSF x LoA	-8,694	-0,023	0,294
CHR6	9149175	CHR6:9149175	SSF x LoA	-7,308	-0,106	0,283
CHR6	9158873	CHR6:9158873	SSF x LoA	-7,920	0,025	0,302
CHR6	9158999	CHR6:9158999	SSF x LoA	-9,808	-0,067	0,282
CHR6	9162882	CHR6:9162882	SSF x LoA	-9,974	0,061	0,290
CHR6	9162975	CHR6:9162975	SSF x LoA	-10,317	-0,085	0,280
CHR6	9198605	CHR6:9198605	SSF x LoA	-9,769	-0,045	0,290
CHR6	9198631	CHR6:9198631	SSF x LoA	-9,604	0,099	0,291
CHR6	9198639	CHR6:9198639	SSF x LoA	-11,402	0,076	0,288
CHR6	9198649	CHR6:9198649	SSF x LoA	-10,140	0,077	0,299
CHR6	9198732	CHR6:9198732	SSF x LoA	-10,068	0,094	0,285
CHR6	9205673	CHR6:9205673	SSF x LoA	-9,315	-0,067	0,305
CHR6	9220554	CHR6:9220554	SSF x LoA	-2,149	-0,032	0,297
CHR6	9228488	CHR6:9228488	SSF x LoA	-9,484	-0,019	0,295
CHR6	9237717	CHR6:9237717	SSF x LoA	-9,967	-0,096	0,284
CHR6	9237898	CHR6:9237898	SSF x LoA	-8,834	-0,069	0,287
CHR6	9237912	CHR6:9237912	SSF x LoA	-8,504	0,003	0,287
CHR6	9237978	CHR6:9237978	SSF x LoA	-9,396	-0,164	0,259

CHR6	9238039	CHR6:9238039	SSF x LoA	-6,669	-0,167	0,284
CHR6	9238147	CHR6:9238147	SSF x LoA	-9,673	0,011	0,292
CHR6	9243911	CHR6:9243911	SSF x LoA	-7,563	-0,042	0,288
CHR6	9243913	CHR6:9243913	SSF x LoA	-6,867	-0,022	0,300
CHR6	9244052	CHR6:9244052	SSF x LoA	-4,988	-0,171	0,279
CHR6	9244078	CHR6:9244078	SSF x LoA	-9,276	0,071	0,287
CHR6	9244146	CHR6:9244146	SSF x LoA	-7,210	0,090	0,296
CHR6	9244152	CHR6:9244152	SSF x LoA	-11,340	-0,057	0,284
CHR6	9244200	CHR6:9244200	SSF x LoA	-10,117	-0,002	0,291
CHR6	9249853	CHR6:9249853	SSF x LoA	-11,061	0,005	0,288
CHR6	9249929	CHR6:9249929	SSF x LoA	-9,481	-0,053	0,279
CHR6	9249967	CHR6:9249967	SSF x LoA	-6,811	0,153	0,272
CHR6	9250062	CHR6:9250062	SSF x LoA	-7,815	0,046	0,311
CHR6	9274930	CHR6:9274930	SSF x LoA	-7,862	0,083	0,290
CHR6	9274960	CHR6:9274960	SSF x LoA	-10,597	0,014	0,292
CHR6	9274978	CHR6:9274978	SSF x LoA	-10,300	-0,013	0,278
CHR6	9287937	CHR6:9287937	SSF x LoA	-10,590	0,065	0,294
CHR6	9287987	CHR6:9287987	SSF x LoA	-8,163	0,099	0,279
CHR6	9288020	CHR6:9288020	SSF x LoA	-4,274	0,108	0,297
CHR6	9288038	CHR6:9288038	SSF x LoA	-7,399	0,122	0,294
CHR6	9292304	CHR6:9292304	SSF x LoA	-10,005	-0,082	0,292
CHR6	9293568	CHR6:9293568	SSF x LoA	-10,066	0,000	0,296
CHR6	9293598	CHR6:9293598	SSF x LoA	-8,546	0,018	0,287
CHR6	933888	CHR6:933888	SSF x LoA	-9,796	-0,033	0,286
CHR6	9341131	CHR6:9341131	SSF x LoA	-4,597	0,105	0,285
CHR6	9341153	CHR6:9341153	SSF x LoA	-7,780	0,055	0,286
CHR6	9341164	CHR6:9341164	SSF x LoA	-10,831	-0,033	0,271
CHR6	9341252	CHR6:9341252	SSF x LoA	-10,433	-0,042	0,294
CHR6	9348455	CHR6:9348455	SSF x LoA	-9,553	0,016	0,299
CHR6	9348788	CHR6:9348788	SSF x LoA	-7,926	-0,167	0,274
CHR6	9356724	CHR6:9356724	SSF x LoA	-3,568	-0,073	0,286
CHR6	9357009	CHR6:9357009	SSF x LoA	1,490	0,247	0,280
CHR6	9357041	CHR6:9357041	SSF x LoA	-6,401	-0,055	0,295
CHR6	9394133	CHR6:9394133	SSF x LoA	-11,260	0,026	0,282
CHR6	9394140	CHR6:9394140	SSF x LoA	-10,710	0,053	0,299
CHR6	9395829	CHR6:9395829	SSF x LoA	-8,963	-0,092	0,281
CHR6	9396050	CHR6:9396050	SSF x LoA	-11,964	0,054	0,278
CHR6	9399897	CHR6:9399897	SSF x LoA	-10,637	0,030	0,296
CHR6	9403881	CHR6:9403881	SSF x LoA	-10,671	-0,007	0,288
CHR6	9403968	CHR6:9403968	SSF x LoA	-9,193	0,052	0,293
CHR6	942058	CHR6:942058	SSF x LoA	-10,349	-0,051	0,288
CHR6	942305	CHR6:942305	SSF x LoA	-10,724	0,007	0,290
CHR6	942397	CHR6:942397	SSF x LoA	-7,275	-0,107	0,287
CHR6	9431558	CHR6:9431558	SSF x LoA	-8,545	-0,014	0,278
CHR6	9431898	CHR6:9431898	SSF x LoA	-9,444	0,096	0,297
CHR6	9456742	CHR6:9456742	SSF x LoA	-8,029	-0,025	0,294
CHR6	9456780	CHR6:9456780	SSF x LoA	-7,903	0,001	0,295
CHR6	9456785	CHR6:9456785	SSF x LoA	-8,002	0,013	0,301
CHR6	9456818	CHR6:9456818	SSF x LoA	-8,213	0,018	0,292
CHR6	9456834	CHR6:9456834	SSF x LoA	-10,491	0,064	0,300
CHR6	9486181	CHR6:9486181	SSF x LoA	-11,160	0,014	0,275
CHR6	9486344	CHR6:9486344	SSF x LoA	-9,940	-0,035	0,298
CHR6	9489709	CHR6:9489709	SSF x LoA	-10,651	0,098	0,285

CHR6	9496251	CHR6:9496251	SSF x LoA	-7,770	-0,023	0,303
CHR6	9496323	CHR6:9496323	SSF x LoA	-7,502	-0,062	0,308
CHR6	9496337	CHR6:9496337	SSF x LoA	-10,044	0,021	0,298
CHR6	950290	CHR6:950290	SSF x LoA	-9,858	-0,082	0,287
CHR6	950405	CHR6:950405	SSF x LoA	-6,525	0,186	0,291
CHR6	9514723	CHR6:9514723	SSF x LoA	-8,850	-0,005	0,293
CHR6	9514725	CHR6:9514725	SSF x LoA	-8,016	-0,039	0,306
CHR6	9514754	CHR6:9514754	SSF x LoA	-9,516	0,018	0,288
CHR6	9514776	CHR6:9514776	SSF x LoA	-9,773	0,064	0,300
CHR6	9514780	CHR6:9514780	SSF x LoA	-8,434	-0,015	0,289
CHR6	9514799	CHR6:9514799	SSF x LoA	-8,298	0,051	0,286
CHR6	9514836	CHR6:9514836	SSF x LoA	-9,345	0,142	0,271
CHR6	9515116	CHR6:9515116	SSF x LoA	-9,142	-0,018	0,299
CHR6	9515160	CHR6:9515160	SSF x LoA	-8,581	-0,089	0,295
CHR6	9523731	CHR6:9523731	SSF x LoA	-2,761	0,189	0,263
CHR6	9536039	CHR6:9536039	SSF x LoA	-5,949	-0,199	0,266
CHR6	9536044	CHR6:9536044	SSF x LoA	-5,606	-0,137	0,278
CHR6	9551432	CHR6:9551432	SSF x LoA	-10,301	0,021	0,294
CHR6	9551882	CHR6:9551882	SSF x LoA	-7,164	0,067	0,287
CHR6	9568233	CHR6:9568233	SSF x LoA	-9,510	-0,017	0,281
CHR6	9568337	CHR6:9568337	SSF x LoA	-10,449	0,050	0,293
CHR6	9568527	CHR6:9568527	SSF x LoA	-11,410	-0,025	0,281
CHR6	9568537	CHR6:9568537	SSF x LoA	-9,346	0,035	0,294
CHR6	9568576	CHR6:9568576	SSF x LoA	-7,084	0,144	0,288
CHR6	9572547	CHR6:9572547	SSF x LoA	-4,816	-0,200	0,282
CHR6	9572581	CHR6:9572581	SSF x LoA	-10,305	-0,011	0,279
CHR6	9572586	CHR6:9572586	SSF x LoA	-8,784	0,018	0,314
CHR6	9572634	CHR6:9572634	SSF x LoA	-8,798	0,105	0,289
CHR6	9572645	CHR6:9572645	SSF x LoA	3,051	-0,204	0,277
CHR6	9572683	CHR6:9572683	SSF x LoA	-6,572	0,130	0,291
CHR6	9572694	CHR6:9572694	SSF x LoA	-6,769	0,090	0,288
CHR6	9572786	CHR6:9572786	SSF x LoA	-8,510	0,034	0,291
CHR6	958166	CHR6:958166	SSF x LoA	-8,310	0,043	0,300
CHR6	958359	CHR6:958359	SSF x LoA	-7,786	0,069	0,296
CHR6	958433	CHR6:958433	SSF x LoA	-8,178	0,077	0,297
CHR6	9586043	CHR6:9586043	SSF x LoA	-8,181	-0,032	0,299
CHR6	9586266	CHR6:9586266	SSF x LoA	-10,480	0,051	0,289
CHR6	9593266	CHR6:9593266	SSF x LoA	-6,948	-0,063	0,290
CHR6	9593305	CHR6:9593305	SSF x LoA	-8,379	-0,138	0,278
CHR6	9593339	CHR6:9593339	SSF x LoA	-7,545	-0,137	0,284
CHR6	9593400	CHR6:9593400	SSF x LoA	-7,712	0,096	0,283
CHR6	9593442	CHR6:9593442	SSF x LoA	-8,711	0,084	0,282
CHR6	9593556	CHR6:9593556	SSF x LoA	-10,160	-0,026	0,299
CHR6	9627075	CHR6:9627075	SSF x LoA	-10,075	-0,039	0,286
CHR6	9628213	CHR6:9628213	SSF x LoA	-6,101	0,130	0,274
CHR6	9628285	CHR6:9628285	SSF x LoA	-8,777	-0,139	0,286
CHR6	9628298	CHR6:9628298	SSF x LoA	-7,439	-0,148	0,282
CHR6	9628354	CHR6:9628354	SSF x LoA	-7,932	0,123	0,285
CHR6	9628364	CHR6:9628364	SSF x LoA	-9,872	0,057	0,281
CHR6	9628389	CHR6:9628389	SSF x LoA	-7,664	0,121	0,297
CHR6	9628393	CHR6:9628393	SSF x LoA	6,188	-0,171	0,272
CHR6	9628407	CHR6:9628407	SSF x LoA	-7,920	0,080	0,302
CHR6	9628435	CHR6:9628435	SSF x LoA	-8,018	0,050	0,292

CHR6	9628467	CHR6:9628467	SSF x LoA	-5,695	-0,235	0,268
CHR6	9632637	CHR6:9632637	SSF x LoA	-7,997	-0,019	0,280
CHR6	9632670	CHR6:9632670	SSF x LoA	-10,896	-0,039	0,296
CHR6	9632730	CHR6:9632730	SSF x LoA	-8,269	0,190	0,275
CHR6	9632827	CHR6:9632827	SSF x LoA	-7,810	-0,042	0,298
CHR6	9632861	CHR6:9632861	SSF x LoA	-9,256	-0,008	0,290
CHR6	9632874	CHR6:9632874	SSF x LoA	-8,823	0,057	0,294
CHR6	9632891	CHR6:9632891	SSF x LoA	-8,557	0,077	0,290
CHR6	9647721	CHR6:9647721	SSF x LoA	-4,311	0,047	0,290
CHR6	9654586	CHR6:9654586	SSF x LoA	-8,439	0,131	0,297
CHR6	9654984	CHR6:9654984	SSF x LoA	-6,825	-0,015	0,298
CHR6	9657828	CHR6:9657828	SSF x LoA	-8,259	0,056	0,295
CHR6	9657831	CHR6:9657831	SSF x LoA	-8,651	-0,055	0,285
CHR6	9657834	CHR6:9657834	SSF x LoA	-9,534	0,047	0,292
CHR6	9657974	CHR6:9657974	SSF x LoA	-5,469	-0,157	0,284
CHR6	9658036	CHR6:9658036	SSF x LoA	-7,429	-0,115	0,290
CHR6	9662490	CHR6:9662490	SSF x LoA	-8,748	0,036	0,293
CHR6	9662498	CHR6:9662498	SSF x LoA	-10,921	0,104	0,286
CHR6	9662505	CHR6:9662505	SSF x LoA	-10,209	0,037	0,285
CHR6	9664040	CHR6:9664040	SSF x LoA	-9,256	-0,016	0,294
CHR6	9664219	CHR6:9664219	SSF x LoA	-7,606	0,121	0,283
CHR6	9664287	CHR6:9664287	SSF x LoA	-7,871	0,106	0,297
CHR6	9672928	CHR6:9672928	SSF x LoA	3,548	0,082	0,301
CHR6	9676929	CHR6:9676929	SSF x LoA	-8,522	0,066	0,305
CHR6	9691407	CHR6:9691407	SSF x LoA	-5,054	-0,155	0,283
CHR6	9691475	CHR6:9691475	SSF x LoA	-6,342	0,147	0,289
CHR6	9699441	CHR6:9699441	SSF x LoA	1,812	-0,152	0,278
CHR6	9725851	CHR6:9725851	SSF x LoA	-7,865	-0,144	0,283
CHR6	9725982	CHR6:9725982	SSF x LoA	-9,306	-0,048	0,286
CHR6	9730983	CHR6:9730983	SSF x LoA	-7,707	0,098	0,288
CHR6	9753194	CHR6:9753194	SSF x LoA	-8,389	0,102	0,276
CHR6	9753213	CHR6:9753213	SSF x LoA	-9,867	-0,090	0,281
CHR6	976831	CHR6:976831	SSF x LoA	-7,372	0,093	0,300
CHR6	9780102	CHR6:9780102	SSF x LoA	-5,623	0,212	0,288
CHR6	9782585	CHR6:9782585	SSF x LoA	-9,124	-0,011	0,292
CHR6	9782641	CHR6:9782641	SSF x LoA	-9,641	0,079	0,295
CHR6	9782680	CHR6:9782680	SSF x LoA	-9,443	0,036	0,295
CHR6	9782780	CHR6:9782780	SSF x LoA	-10,623	-0,067	0,296
CHR6	9782813	CHR6:9782813	SSF x LoA	-3,526	0,092	0,284
CHR6	9804085	CHR6:9804085	SSF x LoA	-8,968	0,007	0,292
CHR6	9808662	CHR6:9808662	SSF x LoA	-11,040	-0,030	0,305
CHR6	9808707	CHR6:9808707	SSF x LoA	-9,080	-0,028	0,275
CHR6	9808750	CHR6:9808750	SSF x LoA	-6,674	0,119	0,296
CHR6	9808752	CHR6:9808752	SSF x LoA	-1,169	0,109	0,293
CHR6	9812380	CHR6:9812380	SSF x LoA	-8,728	-0,039	0,286
CHR6	9812475	CHR6:9812475	SSF x LoA	-7,790	0,157	0,290
CHR6	9812516	CHR6:9812516	SSF x LoA	-5,567	0,120	0,290
CHR6	9812636	CHR6:9812636	SSF x LoA	-9,941	-0,105	0,286
CHR6	9818122	CHR6:9818122	SSF x LoA	-7,674	-0,002	0,293
CHR6	9818142	CHR6:9818142	SSF x LoA	-11,274	-0,067	0,288
CHR6	9818204	CHR6:9818204	SSF x LoA	-7,791	0,131	0,279
CHR6	9821995	CHR6:9821995	SSF x LoA	-10,201	0,048	0,271
CHR6	9834546	CHR6:9834546	SSF x LoA	-7,275	-0,122	0,277

CHR6	9834572	CHR6:9834572	SSF x LoA	-5,949	-0,174	0,278
CHR6	9834653	CHR6:9834653	SSF x LoA	-6,865	-0,052	0,281
CHR6	9834719	CHR6:9834719	SSF x LoA	-8,737	-0,121	0,276
CHR6	9834812	CHR6:9834812	SSF x LoA	-10,456	0,052	0,283
CHR6	9834842	CHR6:9834842	SSF x LoA	-8,103	0,105	0,278
CHR6	9834855	CHR6:9834855	SSF x LoA	-8,527	0,092	0,280
CHR6	9834857	CHR6:9834857	SSF x LoA	-7,855	-0,182	0,281
CHR6	9834911	CHR6:9834911	SSF x LoA	-9,612	-0,031	0,294
CHR6	9834952	CHR6:9834952	SSF x LoA	0,288	-0,102	0,284
CHR6	9834988	CHR6:9834988	SSF x LoA	-9,146	0,131	0,291
CHR6	9835015	CHR6:9835015	SSF x LoA	-6,276	-0,060	0,306
CHR6	9842324	CHR6:9842324	SSF x LoA	-11,370	-0,083	0,287
CHR6	9842401	CHR6:9842401	SSF x LoA	-10,682	0,047	0,297
CHR6	9842447	CHR6:9842447	SSF x LoA	-8,059	0,109	0,268
CHR6	9842452	CHR6:9842452	SSF x LoA	-7,862	0,014	0,305
CHR6	9844038	CHR6:9844038	SSF x LoA	-8,865	-0,070	0,291
CHR6	9844043	CHR6:9844043	SSF x LoA	-8,491	-0,036	0,292
CHR6	9844050	CHR6:9844050	SSF x LoA	-8,371	-0,040	0,292
CHR6	9844058	CHR6:9844058	SSF x LoA	-10,619	-0,037	0,297
CHR6	9844067	CHR6:9844067	SSF x LoA	-8,367	-0,127	0,283
CHR6	9844075	CHR6:9844075	SSF x LoA	-8,964	-0,126	0,292
CHR6	9844123	CHR6:9844123	SSF x LoA	-10,089	0,119	0,288
CHR6	9844140	CHR6:9844140	SSF x LoA	-10,108	0,058	0,294
CHR6	9848067	CHR6:9848067	SSF x LoA	-7,709	-0,116	0,291
CHR6	9848113	CHR6:9848113	SSF x LoA	-8,354	-0,135	0,291
CHR6	9848119	CHR6:9848119	SSF x LoA	-4,664	-0,114	0,306
CHR6	9848224	CHR6:9848224	SSF x LoA	-11,059	0,005	0,292
CHR6	9869092	CHR6:9869092	SSF x LoA	-8,750	0,054	0,303
CHR6	9869635	CHR6:9869635	SSF x LoA	-9,695	0,024	0,285
CHR6	9873703	CHR6:9873703	SSF x LoA	-9,573	0,005	0,285
CHR6	9873791	CHR6:9873791	SSF x LoA	-11,194	0,020	0,289
CHR6	9885676	CHR6:9885676	SSF x LoA	-10,674	0,024	0,283
CHR6	9885699	CHR6:9885699	SSF x LoA	-10,385	-0,012	0,295
CHR6	9885722	CHR6:9885722	SSF x LoA	-8,306	-0,160	0,286
CHR6	9885725	CHR6:9885725	SSF x LoA	-10,013	0,071	0,293
CHR6	9885735	CHR6:9885735	SSF x LoA	-5,234	-0,156	0,283
CHR6	9885741	CHR6:9885741	SSF x LoA	-7,479	-0,176	0,271
CHR6	9885751	CHR6:9885751	SSF x LoA	-0,792	-0,093	0,280
CHR6	9890375	CHR6:9890375	SSF x LoA	-5,609	0,144	0,293
CHR6	9890423	CHR6:9890423	SSF x LoA	-2,936	0,191	0,290
CHR6	9890500	CHR6:9890500	SSF x LoA	-7,530	-0,062	0,300
CHR6	989670	CHR6:989670	SSF x LoA	-9,250	-0,154	0,275
CHR6	989686	CHR6:989686	SSF x LoA	-8,136	0,030	0,298
CHR6	9907721	CHR6:9907721	SSF x LoA	-9,101	-0,089	0,294
CHR6	9907752	CHR6:9907752	SSF x LoA	-11,386	0,002	0,290
CHR6	990845	CHR6:990845	SSF x LoA	-7,696	0,024	0,279
CHR6	990859	CHR6:990859	SSF x LoA	-7,126	0,050	0,284
CHR6	9908883	CHR6:9908883	SSF x LoA	-6,825	0,101	0,294
CHR6	9940149	CHR6:9940149	SSF x LoA	-8,560	-0,051	0,303
CHR6	9947205	CHR6:9947205	SSF x LoA	-9,176	-0,052	0,292
CHR6	9959075	CHR6:9959075	SSF x LoA	-6,404	-0,036	0,295
CHR6	9959083	CHR6:9959083	SSF x LoA	-8,478	-0,028	0,307
CHR6	9959169	CHR6:9959169	SSF x LoA	-8,437	0,059	0,296

CHR6	9981540	CHR6:9981540	SSF x LoA	-8,489	0,067	0,275
CHR6	9990148	CHR6:9990148	SSF x LoA	-10,232	0,030	0,289
CHR6	9990152	CHR6:9990152	SSF x LoA	-9,944	-0,043	0,291
CHR6	9990202	CHR6:9990202	SSF x LoA	-6,364	-0,066	0,284
CHR6	9990377	CHR6:9990377	SSF x LoA	-9,101	0,022	0,295
CHR6	9996184	CHR6:9996184	SSF x LoA	-6,887	0,169	0,274
CHR6	9996222	CHR6:9996222	SSF x LoA	-10,994	-0,020	0,286
CHR6	9996229	CHR6:9996229	SSF x LoA	-9,281	-0,106	0,288
CHR6	9996300	CHR6:9996300	SSF x LoA	-6,724	0,105	0,288
CHR6	9996336	CHR6:9996336	SSF x LoA	7,053	-0,191	0,283
CHR7	1161126	CHR7:1161126	SSF x LoA	-9,551	-0,071	0,289
CHR7	1162560	CHR7:1162560	SSF x LoA	-10,228	-0,084	0,291
CHR7	1174472	CHR7:1174472	SSF x LoA	-7,726	0,018	0,288
CHR7	1174473	CHR7:1174473	SSF x LoA	-8,558	-0,001	0,274
CHR7	1176690	CHR7:1176690	SSF x LoA	-7,218	0,087	0,279
CHR7	1178302	CHR7:1178302	SSF x LoA	-7,966	0,011	0,303
CHR7	1178334	CHR7:1178334	SSF x LoA	-11,252	-0,048	0,285
CHR7	1182118	CHR7:1182118	SSF x LoA	-8,630	0,093	0,289
CHR7	11830113	CHR7:11830113	SSF x LoA	-9,164	0,045	0,281
CHR7	11858197	CHR7:11858197	SSF x LoA	-8,634	-0,064	0,294
CHR7	11858261	CHR7:11858261	SSF x LoA	-8,162	0,028	0,301
CHR7	11858367	CHR7:11858367	SSF x LoA	-7,880	-0,077	0,279
CHR7	11863791	CHR7:11863791	SSF x LoA	-7,761	0,026	0,302
CHR7	11866731	CHR7:11866731	SSF x LoA	-9,562	0,024	0,301
CHR7	11866838	CHR7:11866838	SSF x LoA	-6,122	-0,204	0,285
CHR7	11876919	CHR7:11876919	SSF x LoA	-9,096	0,100	0,282
CHR7	11877126	CHR7:11877126	SSF x LoA	1,564	0,089	0,295
CHR7	11877152	CHR7:11877152	SSF x LoA	-8,816	0,079	0,283
CHR7	11884577	CHR7:11884577	SSF x LoA	-7,639	-0,036	0,295
CHR7	11884640	CHR7:11884640	SSF x LoA	-9,160	-0,130	0,283
CHR7	11884866	CHR7:11884866	SSF x LoA	-7,916	0,054	0,285
CHR7	11884867	CHR7:11884867	SSF x LoA	-9,714	0,068	0,276
CHR7	1188920	CHR7:1188920	SSF x LoA	-7,935	0,011	0,286
CHR7	1190170	CHR7:1190170	SSF x LoA	-5,982	-0,087	0,298
CHR7	11904298	CHR7:11904298	SSF x LoA	-6,266	0,091	0,300
CHR7	11904361	CHR7:11904361	SSF x LoA	-7,951	-0,004	0,302
CHR7	11904533	CHR7:11904533	SSF x LoA	-11,510	-0,034	0,274
CHR7	11911415	CHR7:11911415	SSF x LoA	-9,572	-0,031	0,273
CHR7	11914909	CHR7:11914909	SSF x LoA	-10,233	-0,085	0,295
CHR7	11914934	CHR7:11914934	SSF x LoA	-7,382	0,061	0,290
CHR7	11914976	CHR7:11914976	SSF x LoA	-10,500	-0,045	0,280
CHR7	11915006	CHR7:11915006	SSF x LoA	-5,341	-0,046	0,305
CHR7	11915039	CHR7:11915039	SSF x LoA	-9,838	-0,058	0,291
CHR7	11978784	CHR7:11978784	SSF x LoA	-8,124	-0,095	0,290
CHR7	11978823	CHR7:11978823	SSF x LoA	-9,383	0,100	0,295
CHR7	11978915	CHR7:11978915	SSF x LoA	-4,736	-0,077	0,281
CHR7	11980052	CHR7:11980052	SSF x LoA	-8,541	0,102	0,280
CHR7	11980060	CHR7:11980060	SSF x LoA	-9,034	-0,129	0,285
CHR7	12005352	CHR7:12005352	SSF x LoA	-8,511	-0,009	0,279
CHR7	12024084	CHR7:12024084	SSF x LoA	-8,523	-0,074	0,290
CHR7	12024165	CHR7:12024165	SSF x LoA	-7,873	-0,044	0,291
CHR7	12024206	CHR7:12024206	SSF x LoA	-8,855	-0,052	0,278
CHR7	12050118	CHR7:12050118	SSF x LoA	-10,887	0,048	0,288

CHR7	12050437	CHR7:12050437	SSF x LoA	-8,619	0,112	0,291
CHR7	12078630	CHR7:12078630	SSF x LoA	-8,208	-0,082	0,281
CHR7	12117626	CHR7:12117626	SSF x LoA	-8,537	-0,084	0,289
CHR7	12146945	CHR7:12146945	SSF x LoA	-6,770	-0,008	0,315
CHR7	12147019	CHR7:12147019	SSF x LoA	-8,540	0,005	0,300
CHR7	12166615	CHR7:12166615	SSF x LoA	-7,950	-0,193	0,273
CHR7	12175687	CHR7:12175687	SSF x LoA	-6,780	-0,082	0,299
CHR7	12202554	CHR7:12202554	SSF x LoA	-2,213	0,072	0,283
CHR7	12219950	CHR7:12219950	SSF x LoA	-8,606	0,105	0,286
CHR7	12219957	CHR7:12219957	SSF x LoA	1,502	-0,183	0,264
CHR7	12222706	CHR7:12222706	SSF x LoA	-6,014	-0,184	0,284
CHR7	12224004	CHR7:12224004	SSF x LoA	-9,195	0,097	0,287
CHR7	12224108	CHR7:12224108	SSF x LoA	-10,577	0,068	0,289
CHR7	1222803	CHR7:1222803	SSF x LoA	-5,919	0,118	0,272
CHR7	1222944	CHR7:1222944	SSF x LoA	-10,859	0,057	0,291
CHR7	1222949	CHR7:1222949	SSF x LoA	-10,569	-0,050	0,293
CHR7	12249038	CHR7:12249038	SSF x LoA	-9,428	0,076	0,302
CHR7	1225179	CHR7:1225179	SSF x LoA	-10,899	0,000	0,289
CHR7	1225206	CHR7:1225206	SSF x LoA	-8,675	-0,090	0,291
CHR7	1225320	CHR7:1225320	SSF x LoA	-6,073	0,041	0,295
CHR7	12263200	CHR7:12263200	SSF x LoA	-9,262	-0,037	0,300
CHR7	12263203	CHR7:12263203	SSF x LoA	-10,390	0,018	0,290
CHR7	12263518	CHR7:12263518	SSF x LoA	-7,170	0,063	0,302
CHR7	12275051	CHR7:12275051	SSF x LoA	-10,410	-0,100	0,287
CHR7	12275169	CHR7:12275169	SSF x LoA	-9,475	-0,078	0,288
CHR7	12275193	CHR7:12275193	SSF x LoA	-10,240	-0,046	0,286
CHR7	12275207	CHR7:12275207	SSF x LoA	-10,087	0,046	0,276
CHR7	12275227	CHR7:12275227	SSF x LoA	-5,174	0,058	0,288
CHR7	12275347	CHR7:12275347	SSF x LoA	7,095	-0,036	0,308
CHR7	12275375	CHR7:12275375	SSF x LoA	-9,829	-0,058	0,299
CHR7	12275405	CHR7:12275405	SSF x LoA	-8,881	-0,070	0,285
CHR7	12284509	CHR7:12284509	SSF x LoA	-8,260	-0,058	0,288
CHR7	12294782	CHR7:12294782	SSF x LoA	-9,328	-0,060	0,277
CHR7	12303529	CHR7:12303529	SSF x LoA	-10,059	-0,113	0,293
CHR7	12303822	CHR7:12303822	SSF x LoA	-8,341	0,183	0,292
CHR7	12328623	CHR7:12328623	SSF x LoA	-5,187	0,173	0,289
CHR7	12338390	CHR7:12338390	SSF x LoA	-6,940	0,200	0,296
CHR7	12350256	CHR7:12350256	SSF x LoA	-9,357	-0,145	0,275
CHR7	12355147	CHR7:12355147	SSF x LoA	-9,592	0,082	0,283
CHR7	1236423	CHR7:1236423	SSF x LoA	-8,405	0,047	0,300
CHR7	1236439	CHR7:1236439	SSF x LoA	-9,027	0,004	0,285
CHR7	1236445	CHR7:1236445	SSF x LoA	-10,400	0,002	0,288
CHR7	12369243	CHR7:12369243	SSF x LoA	-9,752	0,070	0,297
CHR7	12389762	CHR7:12389762	SSF x LoA	-5,147	0,008	0,303
CHR7	12389800	CHR7:12389800	SSF x LoA	-9,443	-0,006	0,288
CHR7	1240578	CHR7:1240578	SSF x LoA	-10,168	-0,047	0,296
CHR7	12410509	CHR7:12410509	SSF x LoA	-7,184	0,144	0,291
CHR7	12424254	CHR7:12424254	SSF x LoA	-6,491	0,155	0,279
CHR7	12424293	CHR7:12424293	SSF x LoA	-3,125	-0,240	0,271
CHR7	12440933	CHR7:12440933	SSF x LoA	-9,585	-0,036	0,277
CHR7	12444769	CHR7:12444769	SSF x LoA	-10,661	-0,044	0,296
CHR7	12444773	CHR7:12444773	SSF x LoA	-7,865	-0,035	0,288
CHR7	12447968	CHR7:12447968	SSF x LoA	-7,936	-0,003	0,300

CHR7	12461037	CHR7:12461037	SSF x LoA	-9,486	0,007	0,295
CHR7	12461151	CHR7:12461151	SSF x LoA	-9,229	0,011	0,301
CHR7	1249032	CHR7:1249032	SSF x LoA	-6,138	-0,175	0,272
CHR7	12491852	CHR7:12491852	SSF x LoA	-8,225	0,187	0,288
CHR7	12491909	CHR7:12491909	SSF x LoA	-11,159	-0,022	0,291
CHR7	12499915	CHR7:12499915	SSF x LoA	-5,545	-0,021	0,304
CHR7	12502908	CHR7:12502908	SSF x LoA	-5,755	0,090	0,285
CHR7	12524134	CHR7:12524134	SSF x LoA	-10,833	0,039	0,299
CHR7	12528459	CHR7:12528459	SSF x LoA	-9,210	-0,096	0,293
CHR7	1255066	CHR7:1255066	SSF x LoA	-10,531	-0,012	0,287
CHR7	12566848	CHR7:12566848	SSF x LoA	-8,561	-0,005	0,291
CHR7	12566985	CHR7:12566985	SSF x LoA	-4,701	0,028	0,291
CHR7	12567002	CHR7:12567002	SSF x LoA	-8,407	0,041	0,284
CHR7	12567019	CHR7:12567019	SSF x LoA	-7,781	0,094	0,301
CHR7	12567024	CHR7:12567024	SSF x LoA	-8,172	0,025	0,291
CHR7	12578782	CHR7:12578782	SSF x LoA	-0,098	0,128	0,295
CHR7	12591243	CHR7:12591243	SSF x LoA	-11,316	-0,030	0,284
CHR7	12593949	CHR7:12593949	SSF x LoA	-10,385	-0,039	0,295
CHR7	12616188	CHR7:12616188	SSF x LoA	-9,356	0,048	0,300
CHR7	12616236	CHR7:12616236	SSF x LoA	-2,928	-0,196	0,287
CHR7	12616274	CHR7:12616274	SSF x LoA	-6,874	0,132	0,281
CHR7	12616318	CHR7:12616318	SSF x LoA	-8,652	0,062	0,298
CHR7	12616346	CHR7:12616346	SSF x LoA	-9,528	0,008	0,292
CHR7	12619805	CHR7:12619805	SSF x LoA	5,573	0,024	0,308
CHR7	12619826	CHR7:12619826	SSF x LoA	-7,415	0,026	0,288
CHR7	12619906	CHR7:12619906	SSF x LoA	-7,548	0,130	0,289
CHR7	12619911	CHR7:12619911	SSF x LoA	-9,056	-0,021	0,285
CHR7	12619941	CHR7:12619941	SSF x LoA	-0,169	-0,080	0,297
CHR7	12629207	CHR7:12629207	SSF x LoA	-9,279	0,089	0,296
CHR7	12629264	CHR7:12629264	SSF x LoA	-6,827	0,129	0,276
CHR7	12629345	CHR7:12629345	SSF x LoA	-8,574	-0,078	0,286
CHR7	12629359	CHR7:12629359	SSF x LoA	-6,572	0,087	0,294
CHR7	12629373	CHR7:12629373	SSF x LoA	3,228	-0,178	0,272
CHR7	12629415	CHR7:12629415	SSF x LoA	-7,394	-0,007	0,301
CHR7	12629442	CHR7:12629442	SSF x LoA	-7,923	-0,057	0,284
CHR7	12631473	CHR7:12631473	SSF x LoA	-8,606	0,051	0,284
CHR7	12631478	CHR7:12631478	SSF x LoA	-9,167	-0,019	0,287
CHR7	12631624	CHR7:12631624	SSF x LoA	-8,707	0,012	0,284
CHR7	12631643	CHR7:12631643	SSF x LoA	-3,104	0,172	0,268
CHR7	12631695	CHR7:12631695	SSF x LoA	-7,602	-0,141	0,299
CHR7	1264241	CHR7:1264241	SSF x LoA	-8,715	0,064	0,287
CHR7	1264290	CHR7:1264290	SSF x LoA	-6,581	-0,106	0,290
CHR7	1264298	CHR7:1264298	SSF x LoA	-7,910	-0,096	0,286
CHR7	1264797	CHR7:1264797	SSF x LoA	-10,172	-0,101	0,280
CHR7	12658534	CHR7:12658534	SSF x LoA	-8,715	-0,035	0,286
CHR7	12658626	CHR7:12658626	SSF x LoA	-9,880	0,025	0,299
CHR7	12675264	CHR7:12675264	SSF x LoA	-9,516	-0,026	0,296
CHR7	12675266	CHR7:12675266	SSF x LoA	-10,677	0,020	0,289
CHR7	12675311	CHR7:12675311	SSF x LoA	-10,880	-0,073	0,288
CHR7	12675317	CHR7:12675317	SSF x LoA	-7,936	-0,042	0,296
CHR7	12675368	CHR7:12675368	SSF x LoA	-9,620	-0,019	0,294
CHR7	12697655	CHR7:12697655	SSF x LoA	-6,443	-0,136	0,300
CHR7	1269790	CHR7:1269790	SSF x LoA	-5,733	0,109	0,278

CHR7	1270002	CHR7:1270002	SSF x LoA	-7,071	-0,165	0,271
CHR7	12701982	CHR7:12701982	SSF x LoA	-8,489	-0,003	0,290
CHR7	12749152	CHR7:12749152	SSF x LoA	-7,696	-0,041	0,296
CHR7	12750853	CHR7:12750853	SSF x LoA	-8,403	-0,025	0,295
CHR7	12752327	CHR7:12752327	SSF x LoA	-9,905	-0,084	0,277
CHR7	12768209	CHR7:12768209	SSF x LoA	-9,168	-0,016	0,290
CHR7	12768278	CHR7:12768278	SSF x LoA	-11,072	0,025	0,278
CHR7	12786442	CHR7:12786442	SSF x LoA	-8,744	0,040	0,286
CHR7	12786482	CHR7:12786482	SSF x LoA	-8,478	0,064	0,287
CHR7	12821413	CHR7:12821413	SSF x LoA	-8,278	-0,054	0,293
CHR7	12821460	CHR7:12821460	SSF x LoA	-7,972	-0,168	0,265
CHR7	12822255	CHR7:12822255	SSF x LoA	-9,112	0,036	0,267
CHR7	12822260	CHR7:12822260	SSF x LoA	-10,049	-0,042	0,287
CHR7	12833265	CHR7:12833265	SSF x LoA	-10,944	-0,008	0,302
CHR7	12833315	CHR7:12833315	SSF x LoA	-6,169	0,130	0,283
CHR7	12833343	CHR7:12833343	SSF x LoA	-5,866	0,130	0,291
CHR7	12833363	CHR7:12833363	SSF x LoA	-11,266	0,017	0,274
CHR7	12837773	CHR7:12837773	SSF x LoA	-10,213	-0,110	0,284
CHR7	12841525	CHR7:12841525	SSF x LoA	-5,704	-0,089	0,283
CHR7	12841611	CHR7:12841611	SSF x LoA	-7,375	0,135	0,283
CHR7	12843613	CHR7:12843613	SSF x LoA	-10,604	-0,076	0,294
CHR7	12843646	CHR7:12843646	SSF x LoA	-7,488	0,097	0,283
CHR7	12843652	CHR7:12843652	SSF x LoA	-7,058	0,081	0,292
CHR7	12868413	CHR7:12868413	SSF x LoA	-8,626	0,026	0,302
CHR7	12868531	CHR7:12868531	SSF x LoA	-10,172	-0,035	0,292
CHR7	12868567	CHR7:12868567	SSF x LoA	-10,427	-0,037	0,296
CHR7	12885664	CHR7:12885664	SSF x LoA	-8,502	0,031	0,279
CHR7	12885810	CHR7:12885810	SSF x LoA	-7,424	0,029	0,283
CHR7	12891633	CHR7:12891633	SSF x LoA	-8,629	0,027	0,290
CHR7	12900297	CHR7:12900297	SSF x LoA	-7,810	0,181	0,280
CHR7	12902074	CHR7:12902074	SSF x LoA	-7,579	-0,105	0,282
CHR7	12917151	CHR7:12917151	SSF x LoA	-10,821	-0,094	0,301
CHR7	12917163	CHR7:12917163	SSF x LoA	-3,994	0,110	0,290
CHR7	12917164	CHR7:12917164	SSF x LoA	-11,359	-0,082	0,287
CHR7	12920308	CHR7:12920308	SSF x LoA	-8,768	-0,062	0,275
CHR7	12947404	CHR7:12947404	SSF x LoA	-6,515	-0,115	0,273
CHR7	12960406	CHR7:12960406	SSF x LoA	-8,620	0,029	0,280
CHR7	12972047	CHR7:12972047	SSF x LoA	-8,636	0,047	0,300
CHR7	12980090	CHR7:12980090	SSF x LoA	-9,057	0,048	0,292
CHR7	12993164	CHR7:12993164	SSF x LoA	-8,344	-0,043	0,285
CHR7	12993345	CHR7:12993345	SSF x LoA	-8,951	0,066	0,293
CHR7	12993379	CHR7:12993379	SSF x LoA	-5,199	0,018	0,286
CHR7	12993410	CHR7:12993410	SSF x LoA	-10,476	-0,072	0,290
CHR7	13001460	CHR7:13001460	SSF x LoA	-9,006	-0,066	0,287
CHR7	13001551	CHR7:13001551	SSF x LoA	-8,722	0,050	0,307
CHR7	13001743	CHR7:13001743	SSF x LoA	-10,992	-0,046	0,285
CHR7	13007205	CHR7:13007205	SSF x LoA	-6,219	0,230	0,266
CHR7	13035675	CHR7:13035675	SSF x LoA	-7,246	-0,084	0,303
CHR7	13047786	CHR7:13047786	SSF x LoA	-9,017	-0,031	0,295
CHR7	13058810	CHR7:13058810	SSF x LoA	-11,176	0,012	0,297
CHR7	13058827	CHR7:13058827	SSF x LoA	-8,759	0,058	0,305
CHR7	13059532	CHR7:13059532	SSF x LoA	-10,502	0,076	0,303
CHR7	13076576	CHR7:13076576	SSF x LoA	-4,721	0,145	0,285

CHR7	13076578	CHR7:13076578	SSF x LoA	1,846	-0,142	0,282
CHR7	13076712	CHR7:13076712	SSF x LoA	-7,457	-0,004	0,284
CHR7	13076736	CHR7:13076736	SSF x LoA	-8,412	0,120	0,289
CHR7	13078518	CHR7:13078518	SSF x LoA	-7,552	0,021	0,282
CHR7	13109870	CHR7:13109870	SSF x LoA	-8,160	-0,119	0,292
CHR7	13120191	CHR7:13120191	SSF x LoA	-9,087	-0,005	0,280
CHR7	13120193	CHR7:13120193	SSF x LoA	-10,553	0,012	0,292
CHR7	13120196	CHR7:13120196	SSF x LoA	-8,909	0,023	0,302
CHR7	13120206	CHR7:13120206	SSF x LoA	-3,690	0,189	0,284
CHR7	13120389	CHR7:13120389	SSF x LoA	-3,832	-0,137	0,286
CHR7	13127172	CHR7:13127172	SSF x LoA	-9,309	0,024	0,288
CHR7	13127261	CHR7:13127261	SSF x LoA	-8,294	0,101	0,280
CHR7	13127267	CHR7:13127267	SSF x LoA	-8,432	0,028	0,289
CHR7	13127321	CHR7:13127321	SSF x LoA	-9,110	-0,023	0,292
CHR7	13127333	CHR7:13127333	SSF x LoA	-7,615	0,001	0,285
CHR7	13127360	CHR7:13127360	SSF x LoA	-4,450	0,157	0,283
CHR7	13127370	CHR7:13127370	SSF x LoA	-6,190	-0,004	0,285
CHR7	13132849	CHR7:13132849	SSF x LoA	-9,114	0,059	0,289
CHR7	13132874	CHR7:13132874	SSF x LoA	-7,913	-0,054	0,289
CHR7	13132954	CHR7:13132954	SSF x LoA	-11,009	-0,057	0,288
CHR7	13133049	CHR7:13133049	SSF x LoA	-9,384	-0,009	0,300
CHR7	13149279	CHR7:13149279	SSF x LoA	-8,807	-0,021	0,292
CHR7	13160816	CHR7:13160816	SSF x LoA	-8,286	0,068	0,295
CHR7	13160834	CHR7:13160834	SSF x LoA	-8,218	0,014	0,289
CHR7	13160837	CHR7:13160837	SSF x LoA	-8,494	-0,015	0,294
CHR7	13160860	CHR7:13160860	SSF x LoA	-8,453	0,030	0,294
CHR7	13160876	CHR7:13160876	SSF x LoA	-9,104	0,075	0,285
CHR7	13160887	CHR7:13160887	SSF x LoA	-8,345	-0,034	0,279
CHR7	13160915	CHR7:13160915	SSF x LoA	-5,281	-0,025	0,303
CHR7	13172135	CHR7:13172135	SSF x LoA	-4,688	0,076	0,292
CHR7	13172347	CHR7:13172347	SSF x LoA	-7,567	0,081	0,287
CHR7	13173954	CHR7:13173954	SSF x LoA	-11,125	0,074	0,277
CHR7	13174015	CHR7:13174015	SSF x LoA	-10,468	0,001	0,292
CHR7	13174022	CHR7:13174022	SSF x LoA	-8,029	-0,063	0,291
CHR7	13174109	CHR7:13174109	SSF x LoA	-9,420	-0,093	0,275
CHR7	13174184	CHR7:13174184	SSF x LoA	-10,465	-0,037	0,266
CHR7	13179553	CHR7:13179553	SSF x LoA	-10,095	-0,033	0,292
CHR7	13179583	CHR7:13179583	SSF x LoA	-7,891	0,045	0,292
CHR7	13180740	CHR7:13180740	SSF x LoA	-6,994	0,047	0,283
CHR7	13180794	CHR7:13180794	SSF x LoA	-9,737	0,032	0,295
CHR7	13180819	CHR7:13180819	SSF x LoA	-8,382	0,004	0,303
CHR7	1318475	CHR7:1318475	SSF x LoA	-7,847	0,039	0,297
CHR7	1318550	CHR7:1318550	SSF x LoA	-10,124	0,043	0,293
CHR7	1318625	CHR7:1318625	SSF x LoA	-6,474	0,023	0,289
CHR7	1318756	CHR7:1318756	SSF x LoA	-7,531	0,150	0,291
CHR7	13188303	CHR7:13188303	SSF x LoA	-9,341	0,114	0,283
CHR7	13188355	CHR7:13188355	SSF x LoA	-6,958	-0,076	0,287
CHR7	13188366	CHR7:13188366	SSF x LoA	-9,166	-0,022	0,299
CHR7	13192139	CHR7:13192139	SSF x LoA	-9,343	-0,030	0,298
CHR7	13192286	CHR7:13192286	SSF x LoA	-9,141	0,003	0,288
CHR7	13192298	CHR7:13192298	SSF x LoA	-7,598	-0,109	0,290
CHR7	13192299	CHR7:13192299	SSF x LoA	-8,636	-0,016	0,300
CHR7	13201661	CHR7:13201661	SSF x LoA	-8,490	-0,056	0,298

CHR7	13201843	CHR7:13201843	SSF x LoA	-10,176	0,050	0,292
CHR7	13201846	CHR7:13201846	SSF x LoA	-7,297	0,047	0,302
CHR7	13201861	CHR7:13201861	SSF x LoA	-9,980	0,002	0,296
CHR7	13201869	CHR7:13201869	SSF x LoA	-7,322	0,028	0,301
CHR7	1321128	CHR7:1321128	SSF x LoA	-8,318	0,163	0,266
CHR7	1321186	CHR7:1321186	SSF x LoA	-7,565	-0,043	0,301
CHR7	13214972	CHR7:13214972	SSF x LoA	-10,648	-0,021	0,294
CHR7	13215171	CHR7:13215171	SSF x LoA	-6,800	-0,147	0,277
CHR7	13217106	CHR7:13217106	SSF x LoA	-9,529	-0,018	0,283
CHR7	13217347	CHR7:13217347	SSF x LoA	-8,780	0,049	0,305
CHR7	13217369	CHR7:13217369	SSF x LoA	-9,196	0,015	0,295
CHR7	13217372	CHR7:13217372	SSF x LoA	-10,718	0,026	0,290
CHR7	13229731	CHR7:13229731	SSF x LoA	-7,825	0,042	0,273
CHR7	13229750	CHR7:13229750	SSF x LoA	-9,206	-0,001	0,280
CHR7	13229859	CHR7:13229859	SSF x LoA	-8,808	0,064	0,259
CHR7	13239822	CHR7:13239822	SSF x LoA	-8,561	-0,014	0,295
CHR7	13239875	CHR7:13239875	SSF x LoA	-8,161	0,114	0,278
CHR7	13245172	CHR7:13245172	SSF x LoA	-9,447	-0,116	0,282
CHR7	13245242	CHR7:13245242	SSF x LoA	-7,917	0,040	0,281
CHR7	13245351	CHR7:13245351	SSF x LoA	-3,956	-0,106	0,288
CHR7	13265565	CHR7:13265565	SSF x LoA	-7,844	0,029	0,286
CHR7	13265632	CHR7:13265632	SSF x LoA	-8,120	-0,028	0,297
CHR7	13265913	CHR7:13265913	SSF x LoA	-7,079	-0,081	0,307
CHR7	13265948	CHR7:13265948	SSF x LoA	-6,693	-0,071	0,289
CHR7	1329890	CHR7:1329890	SSF x LoA	-9,004	0,132	0,283
CHR7	1329930	CHR7:1329930	SSF x LoA	-7,949	0,108	0,290
CHR7	1330177	CHR7:1330177	SSF x LoA	-7,711	0,009	0,298
CHR7	1330354	CHR7:1330354	SSF x LoA	-9,915	0,008	0,299
CHR7	13304531	CHR7:13304531	SSF x LoA	-10,644	0,015	0,293
CHR7	13304601	CHR7:13304601	SSF x LoA	-8,923	0,083	0,294
CHR7	13306920	CHR7:13306920	SSF x LoA	-8,199	-0,167	0,278
CHR7	13306976	CHR7:13306976	SSF x LoA	-8,436	-0,199	0,279
CHR7	13310345	CHR7:13310345	SSF x LoA	-9,643	-0,072	0,311
CHR7	13310376	CHR7:13310376	SSF x LoA	-5,617	-0,051	0,295
CHR7	13310426	CHR7:13310426	SSF x LoA	-5,288	-0,125	0,299
CHR7	13310481	CHR7:13310481	SSF x LoA	-8,049	-0,124	0,284
CHR7	13310656	CHR7:13310656	SSF x LoA	-2,735	-0,011	0,287
CHR7	13327139	CHR7:13327139	SSF x LoA	-6,756	-0,050	0,305
CHR7	13327223	CHR7:13327223	SSF x LoA	-7,271	0,167	0,302
CHR7	13327265	CHR7:13327265	SSF x LoA	-8,119	-0,100	0,294
CHR7	13327268	CHR7:13327268	SSF x LoA	-9,271	0,030	0,281
CHR7	13332519	CHR7:13332519	SSF x LoA	-3,112	0,259	0,274
CHR7	13332561	CHR7:13332561	SSF x LoA	-10,418	0,005	0,286
CHR7	13332636	CHR7:13332636	SSF x LoA	-10,018	0,027	0,291
CHR7	13355165	CHR7:13355165	SSF x LoA	-10,286	-0,028	0,282
CHR7	13355210	CHR7:13355210	SSF x LoA	-9,324	0,025	0,307
CHR7	13355253	CHR7:13355253	SSF x LoA	-9,536	-0,072	0,291
CHR7	13355274	CHR7:13355274	SSF x LoA	-10,457	-0,034	0,283
CHR7	13355387	CHR7:13355387	SSF x LoA	-9,719	0,064	0,289
CHR7	13355398	CHR7:13355398	SSF x LoA	-4,180	-0,086	0,302
CHR7	13355400	CHR7:13355400	SSF x LoA	-5,951	0,152	0,286
CHR7	13363003	CHR7:13363003	SSF x LoA	-11,113	0,041	0,288
CHR7	13371677	CHR7:13371677	SSF x LoA	0,223	-0,101	0,288

CHR7	13374469	CHR7:13374469	SSF x LoA	-6,575	-0,188	0,271
CHR7	13377112	CHR7:13377112	SSF x LoA	-7,680	-0,068	0,306
CHR7	13379057	CHR7:13379057	SSF x LoA	-10,972	-0,058	0,290
CHR7	13379140	CHR7:13379140	SSF x LoA	-7,698	-0,003	0,265
CHR7	13379141	CHR7:13379141	SSF x LoA	-10,587	0,049	0,279
CHR7	13379161	CHR7:13379161	SSF x LoA	-8,595	0,007	0,263
CHR7	13379188	CHR7:13379188	SSF x LoA	-6,318	0,068	0,285
CHR7	13379189	CHR7:13379189	SSF x LoA	-9,736	0,047	0,280
CHR7	13379210	CHR7:13379210	SSF x LoA	-10,531	0,007	0,293
CHR7	13379236	CHR7:13379236	SSF x LoA	-6,027	0,126	0,283
CHR7	13379241	CHR7:13379241	SSF x LoA	-7,987	-0,072	0,296
CHR7	13379265	CHR7:13379265	SSF x LoA	-1,757	0,146	0,289
CHR7	13379313	CHR7:13379313	SSF x LoA	-5,488	0,101	0,282
CHR7	13379369	CHR7:13379369	SSF x LoA	-9,598	0,074	0,282
CHR7	13379370	CHR7:13379370	SSF x LoA	-8,452	0,059	0,300
CHR7	13388061	CHR7:13388061	SSF x LoA	-8,373	-0,076	0,286
CHR7	13388082	CHR7:13388082	SSF x LoA	-10,413	-0,006	0,280
CHR7	13388148	CHR7:13388148	SSF x LoA	-6,573	-0,136	0,286
CHR7	13389331	CHR7:13389331	SSF x LoA	-8,950	0,013	0,299
CHR7	13389385	CHR7:13389385	SSF x LoA	-8,979	-0,012	0,298
CHR7	13389407	CHR7:13389407	SSF x LoA	-10,133	0,057	0,291
CHR7	13389423	CHR7:13389423	SSF x LoA	-8,879	-0,022	0,290
CHR7	13389515	CHR7:13389515	SSF x LoA	-9,158	-0,064	0,291
CHR7	13393567	CHR7:13393567	SSF x LoA	0,338	-0,276	0,262
CHR7	13393587	CHR7:13393587	SSF x LoA	-9,272	0,056	0,289
CHR7	13393638	CHR7:13393638	SSF x LoA	-6,604	-0,184	0,284
CHR7	13407501	CHR7:13407501	SSF x LoA	-10,942	0,021	0,294
CHR7	13407606	CHR7:13407606	SSF x LoA	-10,244	0,045	0,286
CHR7	13407736	CHR7:13407736	SSF x LoA	-9,187	-0,009	0,297
CHR7	13409183	CHR7:13409183	SSF x LoA	-5,195	-0,158	0,279
CHR7	13409190	CHR7:13409190	SSF x LoA	-8,026	-0,027	0,300
CHR7	1341840	CHR7:1341840	SSF x LoA	-9,058	-0,036	0,289
CHR7	1341879	CHR7:1341879	SSF x LoA	-10,977	-0,099	0,272
CHR7	1341891	CHR7:1341891	SSF x LoA	-11,366	0,022	0,291
CHR7	1341928	CHR7:1341928	SSF x LoA	-10,508	-0,125	0,286
CHR7	1341929	CHR7:1341929	SSF x LoA	-9,834	-0,118	0,273
CHR7	1343211	CHR7:1343211	SSF x LoA	-4,734	0,175	0,298
CHR7	13446669	CHR7:13446669	SSF x LoA	-7,320	-0,059	0,302
CHR7	13446700	CHR7:13446700	SSF x LoA	-9,397	-0,068	0,295
CHR7	13446767	CHR7:13446767	SSF x LoA	-7,469	-0,115	0,297
CHR7	13446869	CHR7:13446869	SSF x LoA	-8,980	0,013	0,304
CHR7	13471813	CHR7:13471813	SSF x LoA	-9,973	0,019	0,289
CHR7	13471815	CHR7:13471815	SSF x LoA	-8,267	-0,055	0,300
CHR7	13471891	CHR7:13471891	SSF x LoA	-10,176	-0,016	0,298
CHR7	13471912	CHR7:13471912	SSF x LoA	-5,651	-0,039	0,299
CHR7	13472054	CHR7:13472054	SSF x LoA	-5,570	0,044	0,294
CHR7	13473639	CHR7:13473639	SSF x LoA	-9,593	-0,104	0,296
CHR7	13473663	CHR7:13473663	SSF x LoA	-8,118	-0,110	0,280
CHR7	13473671	CHR7:13473671	SSF x LoA	-9,276	-0,101	0,288
CHR7	13473710	CHR7:13473710	SSF x LoA	-10,073	0,096	0,306
CHR7	13473740	CHR7:13473740	SSF x LoA	-8,310	-0,011	0,284
CHR7	13491854	CHR7:13491854	SSF x LoA	-8,896	-0,072	0,297
CHR7	13492081	CHR7:13492081	SSF x LoA	-7,533	0,178	0,297

CHR7	13492107	CHR7:13492107	SSF x LoA	-5,489	0,121	0,285
CHR7	13492136	CHR7:13492136	SSF x LoA	-6,057	0,138	0,282
CHR7	13497943	CHR7:13497943	SSF x LoA	-7,023	-0,126	0,270
CHR7	13505887	CHR7:13505887	SSF x LoA	-9,346	0,011	0,298
CHR7	13505912	CHR7:13505912	SSF x LoA	-7,956	0,037	0,306
CHR7	13505957	CHR7:13505957	SSF x LoA	-8,464	-0,034	0,292
CHR7	13506024	CHR7:13506024	SSF x LoA	-11,328	0,063	0,282
CHR7	13506255	CHR7:13506255	SSF x LoA	-7,917	0,010	0,293
CHR7	13520781	CHR7:13520781	SSF x LoA	-6,367	0,165	0,280
CHR7	13520835	CHR7:13520835	SSF x LoA	-7,833	0,073	0,293
CHR7	13520881	CHR7:13520881	SSF x LoA	-7,070	-0,044	0,277
CHR7	13520910	CHR7:13520910	SSF x LoA	-8,573	-0,038	0,293
CHR7	13521108	CHR7:13521108	SSF x LoA	-8,848	-0,009	0,287
CHR7	13521900	CHR7:13521900	SSF x LoA	-8,696	-0,119	0,293
CHR7	13527223	CHR7:13527223	SSF x LoA	-8,954	-0,005	0,292
CHR7	13527354	CHR7:13527354	SSF x LoA	-10,971	0,004	0,276
CHR7	13527531	CHR7:13527531	SSF x LoA	-7,909	-0,014	0,298
CHR7	1353855	CHR7:1353855	SSF x LoA	-8,276	0,035	0,296
CHR7	1353893	CHR7:1353893	SSF x LoA	-5,311	0,141	0,286
CHR7	1354086	CHR7:1354086	SSF x LoA	-9,873	0,005	0,272
CHR7	13576287	CHR7:13576287	SSF x LoA	-7,203	0,077	0,288
CHR7	13576315	CHR7:13576315	SSF x LoA	-7,654	-0,019	0,269
CHR7	13584015	CHR7:13584015	SSF x LoA	-9,309	0,000	0,312
CHR7	13584388	CHR7:13584388	SSF x LoA	-8,857	0,084	0,301
CHR7	13584431	CHR7:13584431	SSF x LoA	-8,298	0,053	0,299
CHR7	13593857	CHR7:13593857	SSF x LoA	-8,471	0,012	0,304
CHR7	13594142	CHR7:13594142	SSF x LoA	-4,685	-0,212	0,295
CHR7	13594227	CHR7:13594227	SSF x LoA	-10,250	-0,016	0,283
CHR7	13597268	CHR7:13597268	SSF x LoA	-10,818	0,050	0,299
CHR7	13597270	CHR7:13597270	SSF x LoA	-10,563	-0,082	0,276
CHR7	13597308	CHR7:13597308	SSF x LoA	-9,271	-0,076	0,284
CHR7	13597331	CHR7:13597331	SSF x LoA	-8,292	0,000	0,293
CHR7	13597391	CHR7:13597391	SSF x LoA	-8,602	0,125	0,281
CHR7	13602555	CHR7:13602555	SSF x LoA	-10,389	-0,008	0,294
CHR7	13602675	CHR7:13602675	SSF x LoA	-4,959	0,225	0,274
CHR7	1361460	CHR7:1361460	SSF x LoA	-6,738	0,120	0,284
CHR7	1361530	CHR7:1361530	SSF x LoA	-9,520	-0,043	0,283
CHR7	13617696	CHR7:13617696	SSF x LoA	-7,644	0,116	0,296
CHR7	13619825	CHR7:13619825	SSF x LoA	-7,101	0,084	0,301
CHR7	13619899	CHR7:13619899	SSF x LoA	-9,672	0,145	0,301
CHR7	13619936	CHR7:13619936	SSF x LoA	-7,726	0,083	0,281
CHR7	13622812	CHR7:13622812	SSF x LoA	-9,076	0,044	0,289
CHR7	13622866	CHR7:13622866	SSF x LoA	-7,017	0,166	0,277
CHR7	13622946	CHR7:13622946	SSF x LoA	-11,351	-0,088	0,286
CHR7	13626410	CHR7:13626410	SSF x LoA	-6,965	0,102	0,287
CHR7	13626444	CHR7:13626444	SSF x LoA	-7,997	0,065	0,306
CHR7	13626526	CHR7:13626526	SSF x LoA	-7,483	0,002	0,289
CHR7	13634748	CHR7:13634748	SSF x LoA	-5,898	-0,136	0,296
CHR7	13634778	CHR7:13634778	SSF x LoA	-8,100	-0,081	0,298
CHR7	13637627	CHR7:13637627	SSF x LoA	-6,199	0,102	0,291
CHR7	13661850	CHR7:13661850	SSF x LoA	-6,625	-0,070	0,287
CHR7	13661852	CHR7:13661852	SSF x LoA	-8,520	0,003	0,309
CHR7	13661905	CHR7:13661905	SSF x LoA	-8,592	-0,014	0,279

CHR7	13662021	CHR7:13662021	SSF x LoA	-8,684	0,014	0,303
CHR7	13663968	CHR7:13663968	SSF x LoA	-10,983	0,048	0,280
CHR7	13676444	CHR7:13676444	SSF x LoA	-8,177	-0,120	0,285
CHR7	136771	CHR7:136771	SSF x LoA	-8,133	-0,118	0,292
CHR7	13694195	CHR7:13694195	SSF x LoA	-7,920	0,078	0,283
CHR7	13699586	CHR7:13699586	SSF x LoA	-10,135	-0,028	0,291
CHR7	13699660	CHR7:13699660	SSF x LoA	-7,803	-0,017	0,293
CHR7	13699669	CHR7:13699669	SSF x LoA	-8,711	0,044	0,289
CHR7	13707962	CHR7:13707962	SSF x LoA	-8,393	-0,121	0,283
CHR7	13707971	CHR7:13707971	SSF x LoA	-9,978	0,007	0,291
CHR7	13707975	CHR7:13707975	SSF x LoA	-9,975	-0,035	0,279
CHR7	13708086	CHR7:13708086	SSF x LoA	-9,321	0,121	0,275
CHR7	137081	CHR7:137081	SSF x LoA	-10,644	-0,067	0,283
CHR7	13708104	CHR7:13708104	SSF x LoA	-9,718	-0,014	0,287
CHR7	13708105	CHR7:13708105	SSF x LoA	-7,185	0,048	0,287
CHR7	13708123	CHR7:13708123	SSF x LoA	-8,578	0,120	0,292
CHR7	13708129	CHR7:13708129	SSF x LoA	-7,894	-0,159	0,276
CHR7	13708158	CHR7:13708158	SSF x LoA	-6,779	-0,063	0,283
CHR7	1373291	CHR7:1373291	SSF x LoA	-7,380	-0,128	0,293
CHR7	13733491	CHR7:13733491	SSF x LoA	1,744	-0,123	0,290
CHR7	13733504	CHR7:13733504	SSF x LoA	-6,870	0,044	0,306
CHR7	1373353	CHR7:1373353	SSF x LoA	-9,902	0,002	0,284
CHR7	1373356	CHR7:1373356	SSF x LoA	-6,408	0,078	0,272
CHR7	1373364	CHR7:1373364	SSF x LoA	-10,696	0,058	0,285
CHR7	1373365	CHR7:1373365	SSF x LoA	-7,996	0,043	0,291
CHR7	13733659	CHR7:13733659	SSF x LoA	-10,527	-0,081	0,290
CHR7	13733679	CHR7:13733679	SSF x LoA	-4,102	-0,018	0,295
CHR7	13733682	CHR7:13733682	SSF x LoA	3,167	-0,030	0,280
CHR7	13733699	CHR7:13733699	SSF x LoA	-11,441	0,056	0,280
CHR7	13733708	CHR7:13733708	SSF x LoA	-7,533	-0,068	0,285
CHR7	13733721	CHR7:13733721	SSF x LoA	-9,408	-0,076	0,296
CHR7	13733748	CHR7:13733748	SSF x LoA	-8,064	-0,074	0,280
CHR7	1373419	CHR7:1373419	SSF x LoA	-7,952	0,016	0,291
CHR7	13735566	CHR7:13735566	SSF x LoA	-6,738	-0,101	0,296
CHR7	13735905	CHR7:13735905	SSF x LoA	-8,747	0,082	0,284
CHR7	13740466	CHR7:13740466	SSF x LoA	-1,445	0,150	0,287
CHR7	13751922	CHR7:13751922	SSF x LoA	-9,124	-0,015	0,281
CHR7	13751972	CHR7:13751972	SSF x LoA	-10,414	-0,062	0,296
CHR7	13751984	CHR7:13751984	SSF x LoA	-7,319	0,013	0,271
CHR7	13761256	CHR7:13761256	SSF x LoA	-5,759	0,137	0,296
CHR7	13772235	CHR7:13772235	SSF x LoA	-7,294	-0,071	0,286
CHR7	13772251	CHR7:13772251	SSF x LoA	-6,048	0,078	0,303
CHR7	13772380	CHR7:13772380	SSF x LoA	-6,506	-0,103	0,290
CHR7	1378970	CHR7:1378970	SSF x LoA	-9,934	-0,051	0,285
CHR7	1379070	CHR7:1379070	SSF x LoA	-11,005	-0,019	0,280
CHR7	1379271	CHR7:1379271	SSF x LoA	-8,774	0,082	0,296
CHR7	13796218	CHR7:13796218	SSF x LoA	-10,315	0,042	0,303
CHR7	13796231	CHR7:13796231	SSF x LoA	-10,586	0,106	0,274
CHR7	13796235	CHR7:13796235	SSF x LoA	-9,515	0,002	0,269
CHR7	13815735	CHR7:13815735	SSF x LoA	-8,968	0,009	0,307
CHR7	13815965	CHR7:13815965	SSF x LoA	-9,089	-0,096	0,292
CHR7	1382492	CHR7:1382492	SSF x LoA	-5,829	0,187	0,273
CHR7	1382766	CHR7:1382766	SSF x LoA	-6,575	-0,095	0,296

CHR7	1382767	CHR7:1382767	SSF x LoA	-9,241	-0,010	0,299
CHR7	13844489	CHR7:13844489	SSF x LoA	-7,005	-0,087	0,296
CHR7	13844525	CHR7:13844525	SSF x LoA	-2,724	-0,155	0,288
CHR7	13844571	CHR7:13844571	SSF x LoA	-7,356	0,073	0,284
CHR7	13844594	CHR7:13844594	SSF x LoA	-8,988	-0,047	0,286
CHR7	13844626	CHR7:13844626	SSF x LoA	-9,391	0,005	0,281
CHR7	13844672	CHR7:13844672	SSF x LoA	-11,403	-0,057	0,289
CHR7	13844877	CHR7:13844877	SSF x LoA	-8,997	0,096	0,288
CHR7	13863675	CHR7:13863675	SSF x LoA	-7,835	0,074	0,291
CHR7	13863740	CHR7:13863740	SSF x LoA	-10,621	-0,008	0,295
CHR7	13863801	CHR7:13863801	SSF x LoA	-6,450	0,112	0,271
CHR7	13863887	CHR7:13863887	SSF x LoA	-5,257	0,133	0,282
CHR7	13863895	CHR7:13863895	SSF x LoA	-10,732	0,046	0,280
CHR7	13863906	CHR7:13863906	SSF x LoA	-6,267	-0,025	0,281
CHR7	13876686	CHR7:13876686	SSF x LoA	-9,013	-0,103	0,281
CHR7	13881616	CHR7:13881616	SSF x LoA	-9,058	-0,003	0,286
CHR7	13883943	CHR7:13883943	SSF x LoA	-7,959	0,077	0,290
CHR7	13887757	CHR7:13887757	SSF x LoA	-11,515	0,013	0,291
CHR7	1390727	CHR7:1390727	SSF x LoA	-8,677	-0,049	0,285
CHR7	1390802	CHR7:1390802	SSF x LoA	-9,251	-0,046	0,301
CHR7	1391014	CHR7:1391014	SSF x LoA	-11,817	0,014	0,279
CHR7	1391078	CHR7:1391078	SSF x LoA	-10,729	-0,034	0,283
CHR7	1391118	CHR7:1391118	SSF x LoA	-8,883	-0,016	0,288
CHR7	1391137	CHR7:1391137	SSF x LoA	-6,207	-0,063	0,282
CHR7	1391154	CHR7:1391154	SSF x LoA	-8,517	-0,086	0,274
CHR7	13986217	CHR7:13986217	SSF x LoA	-3,882	0,085	0,292
CHR7	13994447	CHR7:13994447	SSF x LoA	-10,311	0,011	0,295
CHR7	13995357	CHR7:13995357	SSF x LoA	-8,354	-0,031	0,288
CHR7	14010946	CHR7:14010946	SSF x LoA	-9,875	-0,055	0,292
CHR7	14011084	CHR7:14011084	SSF x LoA	-5,463	-0,173	0,283
CHR7	14011157	CHR7:14011157	SSF x LoA	-9,917	-0,059	0,295
CHR7	14011193	CHR7:14011193	SSF x LoA	-8,782	-0,119	0,284
CHR7	14011340	CHR7:14011340	SSF x LoA	-8,164	-0,138	0,286
CHR7	1402070	CHR7:1402070	SSF x LoA	-9,649	0,048	0,293
CHR7	14023640	CHR7:14023640	SSF x LoA	-7,776	-0,025	0,313
CHR7	14023877	CHR7:14023877	SSF x LoA	-7,375	-0,095	0,300
CHR7	14023901	CHR7:14023901	SSF x LoA	-7,168	-0,124	0,288
CHR7	1402408	CHR7:1402408	SSF x LoA	-7,444	0,044	0,298
CHR7	14037820	CHR7:14037820	SSF x LoA	-6,413	0,140	0,291
CHR7	14041948	CHR7:14041948	SSF x LoA	-10,890	-0,006	0,281
CHR7	14043923	CHR7:14043923	SSF x LoA	1,579	-0,172	0,283
CHR7	14043933	CHR7:14043933	SSF x LoA	-4,059	-0,150	0,272
CHR7	14044093	CHR7:14044093	SSF x LoA	-10,230	-0,046	0,279
CHR7	14044148	CHR7:14044148	SSF x LoA	-6,931	-0,129	0,287
CHR7	1405214	CHR7:1405214	SSF x LoA	-5,512	0,048	0,293
CHR7	14054679	CHR7:14054679	SSF x LoA	-9,107	0,007	0,283
CHR7	1405570	CHR7:1405570	SSF x LoA	-8,499	0,013	0,290
CHR7	1405582	CHR7:1405582	SSF x LoA	-11,213	-0,008	0,282
CHR7	14057064	CHR7:14057064	SSF x LoA	-7,282	0,200	0,296
CHR7	14080988	CHR7:14080988	SSF x LoA	-4,599	0,137	0,279
CHR7	14089353	CHR7:14089353	SSF x LoA	-1,374	0,123	0,294
CHR7	14089410	CHR7:14089410	SSF x LoA	-9,381	-0,178	0,276
CHR7	14100965	CHR7:14100965	SSF x LoA	-10,565	0,049	0,305

CHR7	14101076	CHR7:14101076	SSF x LoA	-9,699	0,138	0,295
CHR7	14106241	CHR7:14106241	SSF x LoA	-9,772	-0,062	0,308
CHR7	14122684	CHR7:14122684	SSF x LoA	-0,287	0,141	0,284
CHR7	14122718	CHR7:14122718	SSF x LoA	-9,114	0,038	0,284
CHR7	14122762	CHR7:14122762	SSF x LoA	-10,246	0,021	0,284
CHR7	14122794	CHR7:14122794	SSF x LoA	-8,972	-0,093	0,297
CHR7	14122847	CHR7:14122847	SSF x LoA	-7,817	0,053	0,287
CHR7	14122850	CHR7:14122850	SSF x LoA	-8,350	0,030	0,283
CHR7	14125746	CHR7:14125746	SSF x LoA	-9,420	-0,108	0,283
CHR7	14134333	CHR7:14134333	SSF x LoA	-8,733	0,108	0,294
CHR7	14134340	CHR7:14134340	SSF x LoA	-11,225	0,041	0,290
CHR7	14134405	CHR7:14134405	SSF x LoA	-9,283	-0,093	0,284
CHR7	14134431	CHR7:14134431	SSF x LoA	-6,466	-0,092	0,304
CHR7	14141680	CHR7:14141680	SSF x LoA	-8,409	-0,056	0,290
CHR7	14141744	CHR7:14141744	SSF x LoA	-9,150	-0,066	0,279
CHR7	14143604	CHR7:14143604	SSF x LoA	-6,022	0,165	0,295
CHR7	14143629	CHR7:14143629	SSF x LoA	-11,026	-0,022	0,294
CHR7	14143710	CHR7:14143710	SSF x LoA	-6,099	0,172	0,279
CHR7	14143756	CHR7:14143756	SSF x LoA	-9,465	0,055	0,281
CHR7	14143760	CHR7:14143760	SSF x LoA	-8,966	-0,041	0,276
CHR7	14174976	CHR7:14174976	SSF x LoA	-7,725	0,101	0,280
CHR7	14174982	CHR7:14174982	SSF x LoA	-9,383	0,102	0,281
CHR7	14174983	CHR7:14174983	SSF x LoA	-7,932	0,112	0,278
CHR7	14174987	CHR7:14174987	SSF x LoA	-5,564	0,112	0,277
CHR7	14175054	CHR7:14175054	SSF x LoA	-6,518	0,178	0,286
CHR7	14175063	CHR7:14175063	SSF x LoA	-3,517	0,181	0,280
CHR7	14175068	CHR7:14175068	SSF x LoA	-3,620	0,153	0,272
CHR7	14175095	CHR7:14175095	SSF x LoA	-3,680	0,171	0,276
CHR7	14175127	CHR7:14175127	SSF x LoA	-5,896	-0,147	0,276
CHR7	14175130	CHR7:14175130	SSF x LoA	-4,415	-0,135	0,292
CHR7	14175167	CHR7:14175167	SSF x LoA	-9,123	0,026	0,278
CHR7	14175168	CHR7:14175168	SSF x LoA	-9,358	0,114	0,286
CHR7	14175227	CHR7:14175227	SSF x LoA	-5,956	0,113	0,283
CHR7	14175293	CHR7:14175293	SSF x LoA	-9,062	0,036	0,298
CHR7	14187330	CHR7:14187330	SSF x LoA	-10,388	-0,045	0,286
CHR7	14187446	CHR7:14187446	SSF x LoA	-6,949	-0,129	0,293
CHR7	14189368	CHR7:14189368	SSF x LoA	-7,847	-0,009	0,307
CHR7	14189384	CHR7:14189384	SSF x LoA	-8,930	-0,099	0,291
CHR7	14189453	CHR7:14189453	SSF x LoA	-8,099	0,124	0,295
CHR7	14204863	CHR7:14204863	SSF x LoA	-6,093	-0,035	0,291
CHR7	14204884	CHR7:14204884	SSF x LoA	-9,905	-0,053	0,302
CHR7	14204941	CHR7:14204941	SSF x LoA	-8,623	0,138	0,281
CHR7	14204955	CHR7:14204955	SSF x LoA	-5,675	0,097	0,294
CHR7	1420898	CHR7:1420898	SSF x LoA	-10,076	-0,101	0,284
CHR7	1421111	CHR7:1421111	SSF x LoA	-10,860	0,012	0,312
CHR7	14225560	CHR7:14225560	SSF x LoA	-7,051	-0,119	0,296
CHR7	14225565	CHR7:14225565	SSF x LoA	-4,306	-0,200	0,294
CHR7	14225593	CHR7:14225593	SSF x LoA	-7,451	-0,118	0,288
CHR7	14225603	CHR7:14225603	SSF x LoA	-9,342	-0,019	0,287
CHR7	14225619	CHR7:14225619	SSF x LoA	-10,013	-0,081	0,273
CHR7	14225631	CHR7:14225631	SSF x LoA	-10,914	0,056	0,282
CHR7	14225633	CHR7:14225633	SSF x LoA	-10,073	0,026	0,295
CHR7	14225643	CHR7:14225643	SSF x LoA	-10,947	0,031	0,287

CHR7	14225655	CHR7:14225655	SSF x LoA	-10,723	0,043	0,288
CHR7	14225657	CHR7:14225657	SSF x LoA	-6,791	0,105	0,281
CHR7	14260044	CHR7:14260044	SSF x LoA	-8,758	-0,004	0,285
CHR7	14260065	CHR7:14260065	SSF x LoA	-8,853	0,062	0,288
CHR7	14260281	CHR7:14260281	SSF x LoA	-7,846	0,084	0,268
CHR7	14263456	CHR7:14263456	SSF x LoA	-10,813	-0,025	0,288
CHR7	14263486	CHR7:14263486	SSF x LoA	-10,972	0,027	0,287
CHR7	14263559	CHR7:14263559	SSF x LoA	-10,652	0,031	0,294
CHR7	14265270	CHR7:14265270	SSF x LoA	-9,259	-0,105	0,282
CHR7	14265272	CHR7:14265272	SSF x LoA	-6,674	-0,085	0,269
CHR7	14270016	CHR7:14270016	SSF x LoA	-8,449	-0,122	0,280
CHR7	14270020	CHR7:14270020	SSF x LoA	-0,682	-0,068	0,282
CHR7	14270107	CHR7:14270107	SSF x LoA	-9,071	0,086	0,298
CHR7	14270109	CHR7:14270109	SSF x LoA	-9,020	0,109	0,295
CHR7	14270217	CHR7:14270217	SSF x LoA	-8,079	-0,046	0,298
CHR7	14270260	CHR7:14270260	SSF x LoA	-8,056	0,017	0,298
CHR7	14288019	CHR7:14288019	SSF x LoA	-10,257	0,016	0,283
CHR7	14290202	CHR7:14290202	SSF x LoA	-9,024	-0,090	0,290
CHR7	14290204	CHR7:14290204	SSF x LoA	-4,820	-0,162	0,278
CHR7	14303729	CHR7:14303729	SSF x LoA	-10,016	0,044	0,304
CHR7	14303760	CHR7:14303760	SSF x LoA	-8,493	0,095	0,284
CHR7	14303805	CHR7:14303805	SSF x LoA	-10,094	-0,015	0,281
CHR7	14303929	CHR7:14303929	SSF x LoA	-10,147	-0,110	0,277
CHR7	14303981	CHR7:14303981	SSF x LoA	-9,822	-0,123	0,283
CHR7	14309534	CHR7:14309534	SSF x LoA	-6,776	0,066	0,288
CHR7	14309575	CHR7:14309575	SSF x LoA	-0,338	-0,155	0,282
CHR7	14311086	CHR7:14311086	SSF x LoA	-9,459	-0,047	0,288
CHR7	14311263	CHR7:14311263	SSF x LoA	-5,758	-0,171	0,260
CHR7	14311275	CHR7:14311275	SSF x LoA	-8,537	-0,033	0,301
CHR7	14332858	CHR7:14332858	SSF x LoA	-9,023	0,004	0,298
CHR7	14332887	CHR7:14332887	SSF x LoA	-7,563	0,192	0,256
CHR7	14332938	CHR7:14332938	SSF x LoA	-7,758	0,141	0,266
CHR7	14343767	CHR7:14343767	SSF x LoA	-10,134	0,078	0,280
CHR7	14343808	CHR7:14343808	SSF x LoA	-8,213	-0,051	0,296
CHR7	14343848	CHR7:14343848	SSF x LoA	-9,918	0,004	0,295
CHR7	14343941	CHR7:14343941	SSF x LoA	-8,598	0,051	0,293
CHR7	1434882	CHR7:1434882	SSF x LoA	-6,925	0,068	0,289
CHR7	14352123	CHR7:14352123	SSF x LoA	-8,887	-0,144	0,272
CHR7	14354870	CHR7:14354870	SSF x LoA	-6,059	-0,135	0,275
CHR7	14354919	CHR7:14354919	SSF x LoA	-6,689	0,116	0,304
CHR7	14367814	CHR7:14367814	SSF x LoA	-10,624	0,019	0,293
CHR7	14367900	CHR7:14367900	SSF x LoA	-6,537	-0,043	0,286
CHR7	14367903	CHR7:14367903	SSF x LoA	-8,691	-0,049	0,278
CHR7	14367918	CHR7:14367918	SSF x LoA	-10,108	0,060	0,292
CHR7	14368004	CHR7:14368004	SSF x LoA	-9,267	-0,026	0,306
CHR7	14368080	CHR7:14368080	SSF x LoA	-8,278	0,114	0,277
CHR7	14374623	CHR7:14374623	SSF x LoA	-9,228	0,036	0,296
CHR7	14374840	CHR7:14374840	SSF x LoA	-8,636	0,038	0,284
CHR7	14392120	CHR7:14392120	SSF x LoA	-7,941	-0,067	0,284
CHR7	14392145	CHR7:14392145	SSF x LoA	2,338	-0,028	0,270
CHR7	14392147	CHR7:14392147	SSF x LoA	-8,115	0,074	0,284
CHR7	14392286	CHR7:14392286	SSF x LoA	-11,184	-0,001	0,277
CHR7	14392290	CHR7:14392290	SSF x LoA	-6,366	-0,102	0,280

CHR7	14392371	CHR7:14392371	SSF x LoA	-5,850	-0,151	0,291
CHR7	14430478	CHR7:14430478	SSF x LoA	-8,385	0,096	0,284
CHR7	14430488	CHR7:14430488	SSF x LoA	-8,147	-0,026	0,301
CHR7	14443719	CHR7:14443719	SSF x LoA	-8,081	0,055	0,278
CHR7	14443786	CHR7:14443786	SSF x LoA	-10,179	-0,078	0,291
CHR7	1445194	CHR7:1445194	SSF x LoA	-11,044	0,067	0,274
CHR7	14456485	CHR7:14456485	SSF x LoA	-11,206	0,024	0,287
CHR7	14472878	CHR7:14472878	SSF x LoA	-9,967	0,021	0,282
CHR7	14473506	CHR7:14473506	SSF x LoA	-11,125	0,001	0,290
CHR7	14473511	CHR7:14473511	SSF x LoA	-9,135	-0,134	0,266
CHR7	14502282	CHR7:14502282	SSF x LoA	-8,928	-0,077	0,301
CHR7	14502652	CHR7:14502652	SSF x LoA	-8,856	0,029	0,301
CHR7	14524067	CHR7:14524067	SSF x LoA	-10,908	-0,045	0,289
CHR7	14527565	CHR7:14527565	SSF x LoA	-6,813	-0,183	0,290
CHR7	14527608	CHR7:14527608	SSF x LoA	-8,434	-0,050	0,291
CHR7	14543272	CHR7:14543272	SSF x LoA	-9,047	0,011	0,282
CHR7	14543438	CHR7:14543438	SSF x LoA	-9,371	-0,066	0,261
CHR7	14548990	CHR7:14548990	SSF x LoA	-7,895	0,110	0,286
CHR7	14549008	CHR7:14549008	SSF x LoA	-10,982	0,035	0,281
CHR7	14549057	CHR7:14549057	SSF x LoA	-10,029	-0,056	0,281
CHR7	14549128	CHR7:14549128	SSF x LoA	-0,526	0,202	0,287
CHR7	14549129	CHR7:14549129	SSF x LoA	-8,840	-0,120	0,285
CHR7	14560548	CHR7:14560548	SSF x LoA	-3,929	-0,115	0,289
CHR7	14575442	CHR7:14575442	SSF x LoA	-8,135	-0,118	0,292
CHR7	14575474	CHR7:14575474	SSF x LoA	-6,940	-0,042	0,283
CHR7	14575490	CHR7:14575490	SSF x LoA	-7,866	0,038	0,286
CHR7	14576984	CHR7:14576984	SSF x LoA	-9,174	-0,056	0,291
CHR7	14582800	CHR7:14582800	SSF x LoA	-9,463	0,021	0,288
CHR7	14582936	CHR7:14582936	SSF x LoA	-7,044	-0,065	0,284
CHR7	14582981	CHR7:14582981	SSF x LoA	-10,088	0,053	0,283
CHR7	14582989	CHR7:14582989	SSF x LoA	-8,569	0,017	0,293
CHR7	14583021	CHR7:14583021	SSF x LoA	-8,395	-0,049	0,283
CHR7	14583048	CHR7:14583048	SSF x LoA	-7,572	-0,018	0,302
CHR7	14583112	CHR7:14583112	SSF x LoA	-7,228	0,108	0,268
CHR7	14583121	CHR7:14583121	SSF x LoA	-10,498	-0,088	0,289
CHR7	14583163	CHR7:14583163	SSF x LoA	-8,672	-0,018	0,304
CHR7	14589089	CHR7:14589089	SSF x LoA	-11,248	-0,023	0,287
CHR7	14595369	CHR7:14595369	SSF x LoA	-9,649	-0,047	0,298
CHR7	14595410	CHR7:14595410	SSF x LoA	-4,996	-0,222	0,280
CHR7	14595448	CHR7:14595448	SSF x LoA	-5,205	-0,109	0,281
CHR7	14595465	CHR7:14595465	SSF x LoA	-7,100	-0,168	0,268
CHR7	14595490	CHR7:14595490	SSF x LoA	-4,069	-0,018	0,297
CHR7	14595578	CHR7:14595578	SSF x LoA	-7,162	-0,097	0,289
CHR7	14610883	CHR7:14610883	SSF x LoA	-11,311	0,028	0,296
CHR7	14611025	CHR7:14611025	SSF x LoA	-7,272	0,030	0,296
CHR7	14634653	CHR7:14634653	SSF x LoA	-5,595	0,156	0,289
CHR7	14634674	CHR7:14634674	SSF x LoA	-8,227	-0,001	0,291
CHR7	14634680	CHR7:14634680	SSF x LoA	-7,351	-0,141	0,288
CHR7	14634732	CHR7:14634732	SSF x LoA	-7,988	0,119	0,282
CHR7	14634838	CHR7:14634838	SSF x LoA	-8,738	0,065	0,274
CHR7	14634848	CHR7:14634848	SSF x LoA	-6,988	-0,093	0,291
CHR7	14641819	CHR7:14641819	SSF x LoA	-7,917	-0,148	0,293
CHR7	14641987	CHR7:14641987	SSF x LoA	-7,912	-0,015	0,299

CHR7	14645453	CHR7:14645453	SSF x LoA	-6,283	-0,049	0,293
CHR7	14645572	CHR7:14645572	SSF x LoA	-8,546	-0,025	0,299
CHR7	14645679	CHR7:14645679	SSF x LoA	-9,883	-0,031	0,286
CHR7	14654200	CHR7:14654200	SSF x LoA	-7,381	0,035	0,293
CHR7	14654255	CHR7:14654255	SSF x LoA	-9,999	-0,003	0,287
CHR7	14660649	CHR7:14660649	SSF x LoA	-8,256	0,107	0,283
CHR7	14662574	CHR7:14662574	SSF x LoA	-10,088	0,020	0,291
CHR7	14663976	CHR7:14663976	SSF x LoA	3,882	0,027	0,287
CHR7	14664119	CHR7:14664119	SSF x LoA	-9,049	-0,119	0,281
CHR7	14664132	CHR7:14664132	SSF x LoA	-8,443	-0,137	0,282
CHR7	14664172	CHR7:14664172	SSF x LoA	-5,556	-0,127	0,285
CHR7	14669875	CHR7:14669875	SSF x LoA	-8,127	0,151	0,284
CHR7	14669903	CHR7:14669903	SSF x LoA	-7,158	-0,062	0,290
CHR7	14674243	CHR7:14674243	SSF x LoA	-8,113	0,012	0,288
CHR7	14674391	CHR7:14674391	SSF x LoA	-11,087	0,049	0,294
CHR7	14682805	CHR7:14682805	SSF x LoA	-8,066	0,087	0,294
CHR7	14682850	CHR7:14682850	SSF x LoA	-9,814	0,146	0,277
CHR7	14690721	CHR7:14690721	SSF x LoA	-10,905	0,062	0,277
CHR7	14693527	CHR7:14693527	SSF x LoA	-10,525	0,100	0,284
CHR7	14693609	CHR7:14693609	SSF x LoA	-9,415	0,111	0,284
CHR7	14693770	CHR7:14693770	SSF x LoA	-7,898	-0,104	0,285
CHR7	14693786	CHR7:14693786	SSF x LoA	-9,283	0,008	0,288
CHR7	14693847	CHR7:14693847	SSF x LoA	-9,757	-0,045	0,271
CHR7	14693930	CHR7:14693930	SSF x LoA	-7,778	0,090	0,307
CHR7	14701804	CHR7:14701804	SSF x LoA	-8,424	-0,122	0,273
CHR7	14702015	CHR7:14702015	SSF x LoA	-5,729	0,101	0,299
CHR7	14706274	CHR7:14706274	SSF x LoA	-7,232	0,050	0,297
CHR7	14706290	CHR7:14706290	SSF x LoA	-7,836	0,078	0,292
CHR7	14706404	CHR7:14706404	SSF x LoA	-5,420	0,220	0,276
CHR7	14706454	CHR7:14706454	SSF x LoA	-6,200	-0,163	0,283
CHR7	14716784	CHR7:14716784	SSF x LoA	-8,956	0,184	0,288
CHR7	14716789	CHR7:14716789	SSF x LoA	-10,709	-0,092	0,277
CHR7	14741211	CHR7:14741211	SSF x LoA	-10,860	-0,029	0,278
CHR7	14741300	CHR7:14741300	SSF x LoA	-11,020	-0,053	0,280
CHR7	14741372	CHR7:14741372	SSF x LoA	-8,371	-0,002	0,275
CHR7	14741456	CHR7:14741456	SSF x LoA	-9,946	-0,041	0,281
CHR7	14741489	CHR7:14741489	SSF x LoA	-8,301	0,075	0,310
CHR7	14776515	CHR7:14776515	SSF x LoA	-8,928	-0,132	0,278
CHR7	14776565	CHR7:14776565	SSF x LoA	-6,758	0,019	0,287
CHR7	14776656	CHR7:14776656	SSF x LoA	-7,592	0,036	0,300
CHR7	14776665	CHR7:14776665	SSF x LoA	-8,108	0,008	0,282
CHR7	14776678	CHR7:14776678	SSF x LoA	-10,128	-0,073	0,296
CHR7	14776768	CHR7:14776768	SSF x LoA	-9,253	0,082	0,275
CHR7	14776772	CHR7:14776772	SSF x LoA	-7,504	0,079	0,275
CHR7	14776775	CHR7:14776775	SSF x LoA	-7,708	0,092	0,287
CHR7	14776866	CHR7:14776866	SSF x LoA	-8,899	0,073	0,282
CHR7	14784408	CHR7:14784408	SSF x LoA	-7,752	-0,058	0,294
CHR7	14784588	CHR7:14784588	SSF x LoA	-4,685	0,175	0,282
CHR7	14784604	CHR7:14784604	SSF x LoA	-1,361	0,158	0,285
CHR7	14784606	CHR7:14784606	SSF x LoA	-4,308	0,182	0,277
CHR7	14784607	CHR7:14784607	SSF x LoA	-6,459	0,134	0,302
CHR7	14784616	CHR7:14784616	SSF x LoA	-7,131	-0,140	0,271
CHR7	14784617	CHR7:14784617	SSF x LoA	-5,474	0,104	0,300

CHR7	14784622	CHR7:14784622	SSF x LoA	-4,495	0,156	0,284
CHR7	14784640	CHR7:14784640	SSF x LoA	-9,893	-0,132	0,285
CHR7	14784651	CHR7:14784651	SSF x LoA	-3,859	-0,099	0,293
CHR7	14784697	CHR7:14784697	SSF x LoA	-6,353	-0,101	0,293
CHR7	14784709	CHR7:14784709	SSF x LoA	-7,188	-0,156	0,290
CHR7	14800058	CHR7:14800058	SSF x LoA	-4,552	-0,175	0,267
CHR7	14800060	CHR7:14800060	SSF x LoA	-6,793	-0,146	0,260
CHR7	14811880	CHR7:14811880	SSF x LoA	-11,295	0,003	0,271
CHR7	14811883	CHR7:14811883	SSF x LoA	-9,797	-0,093	0,283
CHR7	14811954	CHR7:14811954	SSF x LoA	-9,957	-0,023	0,307
CHR7	14811982	CHR7:14811982	SSF x LoA	-9,020	0,182	0,281
CHR7	14824616	CHR7:14824616	SSF x LoA	-9,418	0,033	0,268
CHR7	14830362	CHR7:14830362	SSF x LoA	-9,673	0,032	0,292
CHR7	14830437	CHR7:14830437	SSF x LoA	-6,823	-0,138	0,269
CHR7	14830458	CHR7:14830458	SSF x LoA	-8,988	-0,089	0,292
CHR7	14831006	CHR7:14831006	SSF x LoA	-11,131	0,028	0,290
CHR7	14831041	CHR7:14831041	SSF x LoA	-10,599	0,023	0,299
CHR7	1487638	CHR7:1487638	SSF x LoA	-10,334	-0,021	0,297
CHR7	1487819	CHR7:1487819	SSF x LoA	-7,060	-0,089	0,292
CHR7	14906457	CHR7:14906457	SSF x LoA	-7,937	0,020	0,298
CHR7	14923019	CHR7:14923019	SSF x LoA	-7,780	0,127	0,288
CHR7	14944054	CHR7:14944054	SSF x LoA	-9,211	0,003	0,279
CHR7	14944079	CHR7:14944079	SSF x LoA	-9,059	-0,059	0,289
CHR7	14944281	CHR7:14944281	SSF x LoA	-10,602	0,042	0,285
CHR7	14944297	CHR7:14944297	SSF x LoA	-10,414	-0,031	0,292
CHR7	14960705	CHR7:14960705	SSF x LoA	-8,189	-0,048	0,302
CHR7	14960717	CHR7:14960717	SSF x LoA	-8,261	0,057	0,289
CHR7	14962594	CHR7:14962594	SSF x LoA	-7,704	0,016	0,285
CHR7	14962596	CHR7:14962596	SSF x LoA	-9,707	-0,034	0,278
CHR7	14962647	CHR7:14962647	SSF x LoA	-8,978	-0,056	0,287
CHR7	14962722	CHR7:14962722	SSF x LoA	0,001	0,139	0,259
CHR7	14962789	CHR7:14962789	SSF x LoA	-8,826	0,028	0,296
CHR7	14962793	CHR7:14962793	SSF x LoA	-6,118	0,103	0,283
CHR7	14962794	CHR7:14962794	SSF x LoA	-6,826	0,102	0,275
CHR7	14972932	CHR7:14972932	SSF x LoA	-10,788	0,011	0,300
CHR7	14972963	CHR7:14972963	SSF x LoA	-6,311	-0,141	0,296
CHR7	14976026	CHR7:14976026	SSF x LoA	-5,664	0,171	0,278
CHR7	14976049	CHR7:14976049	SSF x LoA	-9,412	-0,070	0,297
CHR7	14976077	CHR7:14976077	SSF x LoA	-10,034	-0,048	0,294
CHR7	14976388	CHR7:14976388	SSF x LoA	-6,451	0,027	0,290
CHR7	14983790	CHR7:14983790	SSF x LoA	-9,509	0,029	0,294
CHR7	14983814	CHR7:14983814	SSF x LoA	-11,335	-0,078	0,287
CHR7	14983821	CHR7:14983821	SSF x LoA	-11,190	-0,085	0,289
CHR7	14986062	CHR7:14986062	SSF x LoA	-8,760	0,132	0,284
CHR7	14986085	CHR7:14986085	SSF x LoA	-8,352	0,069	0,291
CHR7	14986143	CHR7:14986143	SSF x LoA	-8,195	0,057	0,286
CHR7	14986148	CHR7:14986148	SSF x LoA	-7,734	-0,110	0,276
CHR7	14986170	CHR7:14986170	SSF x LoA	-9,557	0,006	0,284
CHR7	14986181	CHR7:14986181	SSF x LoA	-7,312	-0,128	0,282
CHR7	14993459	CHR7:14993459	SSF x LoA	-9,749	-0,030	0,281
CHR7	14993467	CHR7:14993467	SSF x LoA	-8,981	-0,037	0,295
CHR7	14993471	CHR7:14993471	SSF x LoA	-10,029	0,091	0,290
CHR7	14993475	CHR7:14993475	SSF x LoA	-10,475	0,016	0,296

CHR7	14993492	CHR7:14993492	SSF x LoA	-10,098	0,102	0,290
CHR7	14993497	CHR7:14993497	SSF x LoA	-8,128	-0,076	0,296
CHR7	14993499	CHR7:14993499	SSF x LoA	-8,685	-0,053	0,297
CHR7	14993509	CHR7:14993509	SSF x LoA	-9,672	-0,068	0,285
CHR7	1501082	CHR7:1501082	SSF x LoA	-7,943	0,046	0,276
CHR7	1501678	CHR7:1501678	SSF x LoA	-6,245	0,070	0,291
CHR7	1501702	CHR7:1501702	SSF x LoA	-7,224	0,144	0,284
CHR7	1501817	CHR7:1501817	SSF x LoA	-8,455	0,046	0,303
CHR7	1501872	CHR7:1501872	SSF x LoA	-7,007	0,052	0,298
CHR7	1501937	CHR7:1501937	SSF x LoA	-8,040	0,045	0,295
CHR7	15052997	CHR7:15052997	SSF x LoA	-7,776	0,047	0,295
CHR7	1508576	CHR7:1508576	SSF x LoA	-9,473	0,020	0,288
CHR7	15109298	CHR7:15109298	SSF x LoA	-8,047	-0,023	0,290
CHR7	15109358	CHR7:15109358	SSF x LoA	-7,459	-0,063	0,292
CHR7	15109384	CHR7:15109384	SSF x LoA	-7,961	-0,012	0,277
CHR7	15109422	CHR7:15109422	SSF x LoA	-9,636	0,058	0,290
CHR7	15165063	CHR7:15165063	SSF x LoA	-8,712	0,068	0,288
CHR7	15165261	CHR7:15165261	SSF x LoA	-9,489	-0,049	0,274
CHR7	15169933	CHR7:15169933	SSF x LoA	-8,863	-0,181	0,280
CHR7	15181641	CHR7:15181641	SSF x LoA	-10,071	-0,009	0,298
CHR7	15181807	CHR7:15181807	SSF x LoA	-8,202	-0,013	0,273
CHR7	15183461	CHR7:15183461	SSF x LoA	-7,191	0,161	0,282
CHR7	15183589	CHR7:15183589	SSF x LoA	-6,345	-0,231	0,258
CHR7	15187701	CHR7:15187701	SSF x LoA	-2,327	0,235	0,276
CHR7	15187877	CHR7:15187877	SSF x LoA	-10,523	0,090	0,288
CHR7	15197531	CHR7:15197531	SSF x LoA	-5,795	0,030	0,291
CHR7	15272286	CHR7:15272286	SSF x LoA	-9,132	0,000	0,311
CHR7	15275502	CHR7:15275502	SSF x LoA	-8,639	0,153	0,287
CHR7	15299421	CHR7:15299421	SSF x LoA	-11,422	-0,017	0,292
CHR7	15311434	CHR7:15311434	SSF x LoA	-6,673	0,137	0,291
CHR7	15311571	CHR7:15311571	SSF x LoA	-9,806	0,107	0,288
CHR7	15320871	CHR7:15320871	SSF x LoA	-8,767	-0,040	0,298
CHR7	15323685	CHR7:15323685	SSF x LoA	-8,539	-0,060	0,287
CHR7	15378872	CHR7:15378872	SSF x LoA	-9,223	-0,074	0,289
CHR7	15378965	CHR7:15378965	SSF x LoA	-8,752	0,136	0,284
CHR7	15378989	CHR7:15378989	SSF x LoA	-8,005	0,131	0,294
CHR7	15378996	CHR7:15378996	SSF x LoA	-8,339	-0,156	0,283
CHR7	15379104	CHR7:15379104	SSF x LoA	-8,276	0,003	0,284
CHR7	15381954	CHR7:15381954	SSF x LoA	-8,659	-0,178	0,278
CHR7	1540831	CHR7:1540831	SSF x LoA	-10,380	-0,053	0,284
CHR7	1540835	CHR7:1540835	SSF x LoA	-10,155	-0,015	0,292
CHR7	1540988	CHR7:1540988	SSF x LoA	-10,200	-0,064	0,277
CHR7	1541087	CHR7:1541087	SSF x LoA	-9,316	-0,155	0,275
CHR7	1541180	CHR7:1541180	SSF x LoA	-8,258	0,043	0,306
CHR7	15421311	CHR7:15421311	SSF x LoA	-6,953	0,144	0,285
CHR7	15434839	CHR7:15434839	SSF x LoA	-7,805	0,027	0,286
CHR7	15434869	CHR7:15434869	SSF x LoA	-9,280	-0,075	0,288
CHR7	15434887	CHR7:15434887	SSF x LoA	-8,582	0,021	0,287
CHR7	15436828	CHR7:15436828	SSF x LoA	-9,805	-0,118	0,275
CHR7	15436908	CHR7:15436908	SSF x LoA	-8,449	-0,112	0,274
CHR7	15436993	CHR7:15436993	SSF x LoA	-8,064	-0,076	0,281
CHR7	15437095	CHR7:15437095	SSF x LoA	-9,927	-0,026	0,278
CHR7	15438272	CHR7:15438272	SSF x LoA	-1,747	0,232	0,274

CHR7	15438280	CHR7:15438280	SSF x LoA	-8,607	-0,087	0,279
CHR7	15438288	CHR7:15438288	SSF x LoA	-6,492	-0,105	0,299
CHR7	15438292	CHR7:15438292	SSF x LoA	-5,279	-0,139	0,284
CHR7	15444967	CHR7:15444967	SSF x LoA	-6,837	-0,133	0,285
CHR7	15444968	CHR7:15444968	SSF x LoA	-10,390	-0,122	0,274
CHR7	15444992	CHR7:15444992	SSF x LoA	-7,813	0,022	0,297
CHR7	15447263	CHR7:15447263	SSF x LoA	-8,016	0,085	0,286
CHR7	15448883	CHR7:15448883	SSF x LoA	-7,297	-0,034	0,308
CHR7	15448895	CHR7:15448895	SSF x LoA	-6,743	-0,014	0,302
CHR7	15449013	CHR7:15449013	SSF x LoA	-7,353	0,014	0,304
CHR7	15464783	CHR7:15464783	SSF x LoA	-10,404	0,072	0,289
CHR7	15469752	CHR7:15469752	SSF x LoA	-10,427	0,093	0,296
CHR7	15469968	CHR7:15469968	SSF x LoA	-8,819	0,051	0,292
CHR7	15470082	CHR7:15470082	SSF x LoA	-5,887	0,164	0,291
CHR7	15472648	CHR7:15472648	SSF x LoA	-10,063	-0,012	0,294
CHR7	15472773	CHR7:15472773	SSF x LoA	-8,276	0,176	0,290
CHR7	15472813	CHR7:15472813	SSF x LoA	-7,626	-0,011	0,293
CHR7	15472864	CHR7:15472864	SSF x LoA	-11,285	-0,015	0,287
CHR7	15484335	CHR7:15484335	SSF x LoA	-10,134	0,061	0,301
CHR7	15484610	CHR7:15484610	SSF x LoA	-9,553	-0,073	0,286
CHR7	15484617	CHR7:15484617	SSF x LoA	-8,499	-0,034	0,309
CHR7	15484628	CHR7:15484628	SSF x LoA	-7,473	-0,011	0,287
CHR7	15487084	CHR7:15487084	SSF x LoA	-9,771	-0,110	0,291
CHR7	15489295	CHR7:15489295	SSF x LoA	-11,322	0,016	0,270
CHR7	15489343	CHR7:15489343	SSF x LoA	-10,093	0,040	0,300
CHR7	15489550	CHR7:15489550	SSF x LoA	-5,922	0,039	0,272
CHR7	15489604	CHR7:15489604	SSF x LoA	-7,216	0,164	0,277
CHR7	15489626	CHR7:15489626	SSF x LoA	-7,348	-0,106	0,290
CHR7	15489630	CHR7:15489630	SSF x LoA	-8,143	-0,067	0,278
CHR7	1552734	CHR7:1552734	SSF x LoA	-7,913	-0,078	0,302
CHR7	1552806	CHR7:1552806	SSF x LoA	-10,377	0,006	0,302
CHR7	1552963	CHR7:1552963	SSF x LoA	-7,178	-0,159	0,277
CHR7	15549439	CHR7:15549439	SSF x LoA	-9,763	-0,033	0,293
CHR7	15549498	CHR7:15549498	SSF x LoA	-9,924	-0,015	0,278
CHR7	15549551	CHR7:15549551	SSF x LoA	-0,367	0,138	0,300
CHR7	15549571	CHR7:15549571	SSF x LoA	-7,524	0,079	0,291
CHR7	15549576	CHR7:15549576	SSF x LoA	-11,000	0,016	0,281
CHR7	15549599	CHR7:15549599	SSF x LoA	-6,721	0,190	0,286
CHR7	15549609	CHR7:15549609	SSF x LoA	-9,950	-0,083	0,296
CHR7	15568804	CHR7:15568804	SSF x LoA	-7,445	-0,065	0,311
CHR7	15573178	CHR7:15573178	SSF x LoA	-8,057	-0,223	0,271
CHR7	15573275	CHR7:15573275	SSF x LoA	-8,278	-0,051	0,288
CHR7	15573289	CHR7:15573289	SSF x LoA	-7,092	0,021	0,275
CHR7	15573423	CHR7:15573423	SSF x LoA	-7,984	-0,009	0,292
CHR7	15588186	CHR7:15588186	SSF x LoA	-7,012	-0,185	0,279
CHR7	15588208	CHR7:15588208	SSF x LoA	-8,061	-0,176	0,270
CHR7	15615170	CHR7:15615170	SSF x LoA	-4,029	-0,183	0,298
CHR7	15615346	CHR7:15615346	SSF x LoA	-6,211	0,188	0,297
CHR7	15615360	CHR7:15615360	SSF x LoA	-5,527	-0,195	0,290
CHR7	15615365	CHR7:15615365	SSF x LoA	-7,504	-0,140	0,284
CHR7	15641456	CHR7:15641456	SSF x LoA	-8,849	-0,114	0,285
CHR7	15648724	CHR7:15648724	SSF x LoA	-7,693	-0,101	0,286
CHR7	15648860	CHR7:15648860	SSF x LoA	-7,460	-0,089	0,301

CHR7	15648865	CHR7:15648865	SSF x LoA	-8,488	0,065	0,273
CHR7	15657567	CHR7:15657567	SSF x LoA	-8,614	-0,003	0,291
CHR7	15657665	CHR7:15657665	SSF x LoA	-7,653	-0,021	0,306
CHR7	15657730	CHR7:15657730	SSF x LoA	-10,875	-0,072	0,288
CHR7	15686416	CHR7:15686416	SSF x LoA	-9,984	0,095	0,278
CHR7	15686447	CHR7:15686447	SSF x LoA	-10,269	0,179	0,282
CHR7	15686565	CHR7:15686565	SSF x LoA	-8,105	0,193	0,285
CHR7	15686578	CHR7:15686578	SSF x LoA	-10,559	-0,062	0,284
CHR7	15686594	CHR7:15686594	SSF x LoA	-8,641	-0,048	0,275
CHR7	15686606	CHR7:15686606	SSF x LoA	-8,355	0,093	0,290
CHR7	15686607	CHR7:15686607	SSF x LoA	-8,743	0,056	0,301
CHR7	15686613	CHR7:15686613	SSF x LoA	-11,018	-0,047	0,289
CHR7	15686679	CHR7:15686679	SSF x LoA	-4,481	-0,158	0,299
CHR7	15686692	CHR7:15686692	SSF x LoA	-9,038	0,017	0,283
CHR7	15686697	CHR7:15686697	SSF x LoA	-10,103	0,031	0,274
CHR7	15699958	CHR7:15699958	SSF x LoA	-8,862	-0,127	0,303
CHR7	15699959	CHR7:15699959	SSF x LoA	-9,319	-0,107	0,305
CHR7	15700070	CHR7:15700070	SSF x LoA	-7,953	0,062	0,284
CHR7	15700090	CHR7:15700090	SSF x LoA	-8,037	0,079	0,291
CHR7	1570325	CHR7:1570325	SSF x LoA	-8,650	-0,009	0,301
CHR7	1570379	CHR7:1570379	SSF x LoA	-7,480	-0,081	0,294
CHR7	1570410	CHR7:1570410	SSF x LoA	-9,721	-0,026	0,287
CHR7	15705931	CHR7:15705931	SSF x LoA	-7,715	-0,119	0,281
CHR7	15714748	CHR7:15714748	SSF x LoA	-5,628	0,093	0,302
CHR7	15734812	CHR7:15734812	SSF x LoA	-10,326	0,096	0,258
CHR7	15734814	CHR7:15734814	SSF x LoA	-10,749	0,039	0,291
CHR7	15735066	CHR7:15735066	SSF x LoA	-7,623	0,093	0,287
CHR7	15735097	CHR7:15735097	SSF x LoA	-10,795	-0,072	0,284
CHR7	15735132	CHR7:15735132	SSF x LoA	-7,943	-0,078	0,287
CHR7	15735157	CHR7:15735157	SSF x LoA	-7,172	0,050	0,296
CHR7	15735196	CHR7:15735196	SSF x LoA	-8,533	0,052	0,293
CHR7	15738912	CHR7:15738912	SSF x LoA	-10,620	0,071	0,276
CHR7	15739060	CHR7:15739060	SSF x LoA	-10,630	-0,009	0,294
CHR7	15739095	CHR7:15739095	SSF x LoA	-10,760	0,028	0,288
CHR7	15739097	CHR7:15739097	SSF x LoA	-9,071	0,059	0,298
CHR7	15739122	CHR7:15739122	SSF x LoA	-9,172	0,033	0,281
CHR7	15739213	CHR7:15739213	SSF x LoA	-7,390	0,005	0,292
CHR7	15739246	CHR7:15739246	SSF x LoA	-7,403	-0,012	0,305
CHR7	15739259	CHR7:15739259	SSF x LoA	-9,274	-0,155	0,276
CHR7	1576893	CHR7:1576893	SSF x LoA	-7,504	0,047	0,289
CHR7	1576925	CHR7:1576925	SSF x LoA	-10,716	0,005	0,301
CHR7	1576927	CHR7:1576927	SSF x LoA	-7,061	-0,094	0,294
CHR7	1576945	CHR7:1576945	SSF x LoA	-9,588	-0,051	0,285
CHR7	1576987	CHR7:1576987	SSF x LoA	-9,453	-0,041	0,279
CHR7	1576998	CHR7:1576998	SSF x LoA	-7,811	-0,040	0,292
CHR7	15771100	CHR7:15771100	SSF x LoA	-4,796	-0,018	0,293
CHR7	15771269	CHR7:15771269	SSF x LoA	-8,346	0,105	0,299
CHR7	15771340	CHR7:15771340	SSF x LoA	-8,465	0,055	0,300
CHR7	15771353	CHR7:15771353	SSF x LoA	-8,510	-0,106	0,286
CHR7	15771390	CHR7:15771390	SSF x LoA	-3,208	-0,181	0,288
CHR7	15796449	CHR7:15796449	SSF x LoA	-10,537	0,022	0,277
CHR7	15796499	CHR7:15796499	SSF x LoA	-10,466	-0,038	0,288
CHR7	15796553	CHR7:15796553	SSF x LoA	-11,124	0,033	0,284

CHR7	15796589	CHR7:15796589	SSF x LoA	-11,726	0,040	0,280
CHR7	15796601	CHR7:15796601	SSF x LoA	-11,020	0,076	0,289
CHR7	15798283	CHR7:15798283	SSF x LoA	-10,607	-0,027	0,288
CHR7	15798296	CHR7:15798296	SSF x LoA	-6,772	0,113	0,298
CHR7	15798327	CHR7:15798327	SSF x LoA	-8,375	0,098	0,288
CHR7	15807288	CHR7:15807288	SSF x LoA	-7,682	0,012	0,291
CHR7	1581307	CHR7:1581307	SSF x LoA	-8,717	-0,036	0,286
CHR7	1581333	CHR7:1581333	SSF x LoA	-8,834	-0,061	0,286
CHR7	15818907	CHR7:15818907	SSF x LoA	-11,519	-0,021	0,283
CHR7	15819722	CHR7:15819722	SSF x LoA	-10,044	-0,028	0,301
CHR7	15819943	CHR7:15819943	SSF x LoA	-8,265	0,037	0,297
CHR7	15819970	CHR7:15819970	SSF x LoA	-8,828	-0,017	0,271
CHR7	15819972	CHR7:15819972	SSF x LoA	-11,383	-0,013	0,277
CHR7	15823091	CHR7:15823091	SSF x LoA	-10,450	-0,024	0,295
CHR7	15830442	CHR7:15830442	SSF x LoA	-11,266	0,017	0,279
CHR7	15830454	CHR7:15830454	SSF x LoA	-7,592	-0,031	0,282
CHR7	15830505	CHR7:15830505	SSF x LoA	-9,774	-0,029	0,299
CHR7	15830524	CHR7:15830524	SSF x LoA	-9,517	0,130	0,293
CHR7	15840683	CHR7:15840683	SSF x LoA	-7,909	0,059	0,305
CHR7	15841034	CHR7:15841034	SSF x LoA	-8,778	0,000	0,293
CHR7	15841067	CHR7:15841067	SSF x LoA	-7,715	-0,014	0,307
CHR7	15841069	CHR7:15841069	SSF x LoA	-10,494	-0,044	0,294
CHR7	15841072	CHR7:15841072	SSF x LoA	-9,563	-0,030	0,300
CHR7	15841085	CHR7:15841085	SSF x LoA	-10,150	-0,014	0,290
CHR7	15849862	CHR7:15849862	SSF x LoA	-8,744	0,022	0,273
CHR7	15849973	CHR7:15849973	SSF x LoA	-7,302	0,137	0,271
CHR7	15850047	CHR7:15850047	SSF x LoA	-7,151	0,051	0,280
CHR7	15850060	CHR7:15850060	SSF x LoA	-7,764	0,064	0,274
CHR7	15850065	CHR7:15850065	SSF x LoA	-7,029	0,053	0,275
CHR7	15850084	CHR7:15850084	SSF x LoA	-7,203	0,076	0,275
CHR7	15850116	CHR7:15850116	SSF x LoA	-9,237	0,037	0,272
CHR7	15855845	CHR7:15855845	SSF x LoA	-9,344	-0,080	0,287
CHR7	15855985	CHR7:15855985	SSF x LoA	-7,538	-0,039	0,291
CHR7	15856004	CHR7:15856004	SSF x LoA	-7,733	0,091	0,277
CHR7	15863900	CHR7:15863900	SSF x LoA	-9,174	-0,062	0,306
CHR7	15863957	CHR7:15863957	SSF x LoA	-10,530	-0,043	0,283
CHR7	15864014	CHR7:15864014	SSF x LoA	-9,119	0,009	0,288
CHR7	15864104	CHR7:15864104	SSF x LoA	-10,130	-0,041	0,299
CHR7	15864247	CHR7:15864247	SSF x LoA	-7,746	-0,017	0,300
CHR7	15866579	CHR7:15866579	SSF x LoA	-5,717	-0,168	0,283
CHR7	15866597	CHR7:15866597	SSF x LoA	-7,053	-0,123	0,286
CHR7	15866616	CHR7:15866616	SSF x LoA	-10,064	-0,109	0,291
CHR7	15866628	CHR7:15866628	SSF x LoA	-8,216	0,092	0,286
CHR7	15866866	CHR7:15866866	SSF x LoA	-7,480	-0,010	0,294
CHR7	1586914	CHR7:1586914	SSF x LoA	-9,848	-0,026	0,290
CHR7	15880985	CHR7:15880985	SSF x LoA	-10,515	0,073	0,285
CHR7	15881026	CHR7:15881026	SSF x LoA	-11,050	-0,015	0,292
CHR7	15881098	CHR7:15881098	SSF x LoA	-9,622	0,089	0,285
CHR7	15881230	CHR7:15881230	SSF x LoA	-6,866	-0,100	0,296
CHR7	15881289	CHR7:15881289	SSF x LoA	-9,298	-0,073	0,286
CHR7	15894210	CHR7:15894210	SSF x LoA	-8,631	0,080	0,289
CHR7	15894371	CHR7:15894371	SSF x LoA	-8,550	0,045	0,272
CHR7	15894425	CHR7:15894425	SSF x LoA	-8,666	0,003	0,276

CHR7	15894429	CHR7:15894429	SSF x LoA	-7,837	0,072	0,286
CHR7	15894440	CHR7:15894440	SSF x LoA	-8,559	0,001	0,267
CHR7	15894588	CHR7:15894588	SSF x LoA	-10,193	0,013	0,279
CHR7	15894592	CHR7:15894592	SSF x LoA	-9,732	-0,021	0,280
CHR7	15894597	CHR7:15894597	SSF x LoA	-9,462	0,065	0,281
CHR7	15894649	CHR7:15894649	SSF x LoA	-9,151	-0,039	0,282
CHR7	15927162	CHR7:15927162	SSF x LoA	-7,619	0,142	0,293
CHR7	15927174	CHR7:15927174	SSF x LoA	-7,386	-0,089	0,283
CHR7	15937711	CHR7:15937711	SSF x LoA	-8,421	0,031	0,279
CHR7	15937758	CHR7:15937758	SSF x LoA	-8,308	0,076	0,301
CHR7	15937980	CHR7:15937980	SSF x LoA	-5,238	0,137	0,294
CHR7	15937981	CHR7:15937981	SSF x LoA	-6,690	0,150	0,287
CHR7	15944621	CHR7:15944621	SSF x LoA	-7,481	0,166	0,269
CHR7	15944689	CHR7:15944689	SSF x LoA	-11,100	0,053	0,297
CHR7	15944780	CHR7:15944780	SSF x LoA	-9,027	0,000	0,279
CHR7	15944897	CHR7:15944897	SSF x LoA	-8,218	-0,004	0,289
CHR7	15944961	CHR7:15944961	SSF x LoA	-11,260	0,021	0,281
CHR7	15952228	CHR7:15952228	SSF x LoA	-7,508	0,094	0,287
CHR7	15960928	CHR7:15960928	SSF x LoA	-9,767	-0,020	0,288
CHR7	15960930	CHR7:15960930	SSF x LoA	-7,830	0,045	0,278
CHR7	15960962	CHR7:15960962	SSF x LoA	-10,467	-0,010	0,290
CHR7	15961039	CHR7:15961039	SSF x LoA	-10,994	0,007	0,292
CHR7	15972225	CHR7:15972225	SSF x LoA	-7,637	0,027	0,296
CHR7	15976366	CHR7:15976366	SSF x LoA	-8,331	0,019	0,290
CHR7	15977721	CHR7:15977721	SSF x LoA	-7,211	-0,035	0,290
CHR7	1598779	CHR7:1598779	SSF x LoA	-7,175	-0,045	0,304
CHR7	1598826	CHR7:1598826	SSF x LoA	-10,214	-0,054	0,304
CHR7	15988680	CHR7:15988680	SSF x LoA	-8,944	-0,009	0,264
CHR7	15988829	CHR7:15988829	SSF x LoA	-8,557	0,077	0,257
CHR7	15989000	CHR7:15989000	SSF x LoA	-10,048	0,077	0,293
CHR7	15996261	CHR7:15996261	SSF x LoA	-7,458	0,063	0,296
CHR7	15996440	CHR7:15996440	SSF x LoA	-7,823	-0,128	0,294
CHR7	16024185	CHR7:16024185	SSF x LoA	-8,693	0,047	0,290
CHR7	16024221	CHR7:16024221	SSF x LoA	-7,804	0,030	0,289
CHR7	16024314	CHR7:16024314	SSF x LoA	-5,322	0,239	0,274
CHR7	16024360	CHR7:16024360	SSF x LoA	-9,890	0,015	0,292
CHR7	16024534	CHR7:16024534	SSF x LoA	-7,596	-0,073	0,298
CHR7	16024559	CHR7:16024559	SSF x LoA	-8,242	-0,030	0,297
CHR7	16044390	CHR7:16044390	SSF x LoA	-3,327	-0,148	0,286
CHR7	16044396	CHR7:16044396	SSF x LoA	-10,590	0,022	0,300
CHR7	16044472	CHR7:16044472	SSF x LoA	-9,729	-0,022	0,285
CHR7	16044476	CHR7:16044476	SSF x LoA	-9,053	-0,004	0,283
CHR7	16044738	CHR7:16044738	SSF x LoA	-8,867	-0,101	0,300
CHR7	16044792	CHR7:16044792	SSF x LoA	-7,314	-0,084	0,287
CHR7	16051462	CHR7:16051462	SSF x LoA	-6,387	-0,041	0,289
CHR7	16051498	CHR7:16051498	SSF x LoA	-9,081	0,077	0,296
CHR7	16051512	CHR7:16051512	SSF x LoA	-9,269	-0,016	0,265
CHR7	16051515	CHR7:16051515	SSF x LoA	-3,288	-0,106	0,279
CHR7	16051524	CHR7:16051524	SSF x LoA	-7,970	-0,015	0,273
CHR7	16078839	CHR7:16078839	SSF x LoA	-7,333	0,145	0,285
CHR7	16078854	CHR7:16078854	SSF x LoA	-8,350	0,056	0,292
CHR7	16078891	CHR7:16078891	SSF x LoA	-8,758	-0,070	0,290
CHR7	16078934	CHR7:16078934	SSF x LoA	-9,895	-0,046	0,289

CHR7	16079174	CHR7:16079174	SSF x LoA	-8,841	-0,011	0,276
CHR7	16079196	CHR7:16079196	SSF x LoA	-9,388	-0,004	0,287
CHR7	16080073	CHR7:16080073	SSF x LoA	-10,056	-0,037	0,316
CHR7	16080105	CHR7:16080105	SSF x LoA	-9,647	-0,049	0,289
CHR7	16080195	CHR7:16080195	SSF x LoA	-11,378	-0,057	0,275
CHR7	16080244	CHR7:16080244	SSF x LoA	-10,385	0,079	0,289
CHR7	16080252	CHR7:16080252	SSF x LoA	-10,031	0,002	0,287
CHR7	16080264	CHR7:16080264	SSF x LoA	-10,930	0,063	0,291
CHR7	16080278	CHR7:16080278	SSF x LoA	-8,196	0,094	0,291
CHR7	16080288	CHR7:16080288	SSF x LoA	-10,627	0,038	0,287
CHR7	16080306	CHR7:16080306	SSF x LoA	-10,199	0,030	0,289
CHR7	16080308	CHR7:16080308	SSF x LoA	-10,478	0,038	0,289
CHR7	16081909	CHR7:16081909	SSF x LoA	-11,170	0,023	0,287
CHR7	16081934	CHR7:16081934	SSF x LoA	-9,332	0,025	0,273
CHR7	16082015	CHR7:16082015	SSF x LoA	-7,895	-0,009	0,293
CHR7	16091148	CHR7:16091148	SSF x LoA	-6,910	0,200	0,290
CHR7	16091214	CHR7:16091214	SSF x LoA	-7,876	0,112	0,281
CHR7	16091293	CHR7:16091293	SSF x LoA	-8,209	0,001	0,289
CHR7	16091354	CHR7:16091354	SSF x LoA	-10,010	0,019	0,291
CHR7	16091459	CHR7:16091459	SSF x LoA	-3,484	-0,024	0,303
CHR7	16091461	CHR7:16091461	SSF x LoA	-7,469	-0,049	0,297
CHR7	16095898	CHR7:16095898	SSF x LoA	-8,532	0,055	0,276
CHR7	16095907	CHR7:16095907	SSF x LoA	-10,862	0,018	0,305
CHR7	16096225	CHR7:16096225	SSF x LoA	-11,496	0,038	0,293
CHR7	16105094	CHR7:16105094	SSF x LoA	-10,549	0,071	0,292
CHR7	16105169	CHR7:16105169	SSF x LoA	-8,610	0,043	0,313
CHR7	16105250	CHR7:16105250	SSF x LoA	-10,264	0,075	0,273
CHR7	16105333	CHR7:16105333	SSF x LoA	-9,636	-0,009	0,287
CHR7	16105351	CHR7:16105351	SSF x LoA	-10,652	-0,005	0,286
CHR7	16105403	CHR7:16105403	SSF x LoA	-7,176	-0,116	0,294
CHR7	16133490	CHR7:16133490	SSF x LoA	-10,483	-0,011	0,296
CHR7	16133510	CHR7:16133510	SSF x LoA	-9,198	0,024	0,290
CHR7	1614013	CHR7:1614013	SSF x LoA	-11,243	0,128	0,288
CHR7	16140487	CHR7:16140487	SSF x LoA	-10,437	-0,072	0,290
CHR7	16140505	CHR7:16140505	SSF x LoA	-8,526	0,084	0,273
CHR7	16140508	CHR7:16140508	SSF x LoA	-9,345	-0,135	0,278
CHR7	16140557	CHR7:16140557	SSF x LoA	-4,341	-0,087	0,302
CHR7	16140685	CHR7:16140685	SSF x LoA	-6,703	-0,146	0,290
CHR7	16143094	CHR7:16143094	SSF x LoA	-9,716	-0,025	0,280
CHR7	16143119	CHR7:16143119	SSF x LoA	-8,617	-0,005	0,271
CHR7	16143126	CHR7:16143126	SSF x LoA	-7,498	-0,201	0,263
CHR7	16143161	CHR7:16143161	SSF x LoA	-9,645	-0,050	0,283
CHR7	16143281	CHR7:16143281	SSF x LoA	-9,150	0,135	0,288
CHR7	16143295	CHR7:16143295	SSF x LoA	-5,079	-0,198	0,280
CHR7	16143333	CHR7:16143333	SSF x LoA	-7,841	-0,058	0,277
CHR7	16143358	CHR7:16143358	SSF x LoA	-10,260	0,076	0,278
CHR7	16161167	CHR7:16161167	SSF x LoA	-10,858	-0,005	0,298
CHR7	16161301	CHR7:16161301	SSF x LoA	-9,770	-0,009	0,284
CHR7	16163755	CHR7:16163755	SSF x LoA	-5,187	-0,101	0,293
CHR7	16179070	CHR7:16179070	SSF x LoA	-8,386	-0,095	0,289
CHR7	16179077	CHR7:16179077	SSF x LoA	-9,518	0,026	0,286
CHR7	16179082	CHR7:16179082	SSF x LoA	-6,781	0,008	0,297
CHR7	16179134	CHR7:16179134	SSF x LoA	-8,405	0,060	0,269

CHR7	16179180	CHR7:16179180	SSF x LoA	-6,913	-0,053	0,308
CHR7	16179217	CHR7:16179217	SSF x LoA	-8,771	0,007	0,286
CHR7	16179226	CHR7:16179226	SSF x LoA	-8,135	-0,032	0,292
CHR7	16179233	CHR7:16179233	SSF x LoA	-7,810	-0,061	0,294
CHR7	16204298	CHR7:16204298	SSF x LoA	-10,414	0,045	0,298
CHR7	16219640	CHR7:16219640	SSF x LoA	-8,739	-0,059	0,297
CHR7	16220452	CHR7:16220452	SSF x LoA	-7,830	-0,140	0,287
CHR7	16221856	CHR7:16221856	SSF x LoA	-10,290	-0,010	0,309
CHR7	16221986	CHR7:16221986	SSF x LoA	-2,391	0,121	0,291
CHR7	16222028	CHR7:16222028	SSF x LoA	-5,507	0,061	0,286
CHR7	16238758	CHR7:16238758	SSF x LoA	-4,004	0,044	0,286
CHR7	16238786	CHR7:16238786	SSF x LoA	-8,606	0,018	0,275
CHR7	16244294	CHR7:16244294	SSF x LoA	-9,115	-0,066	0,287
CHR7	16244486	CHR7:16244486	SSF x LoA	-2,028	0,119	0,281
CHR7	16253297	CHR7:16253297	SSF x LoA	-10,580	-0,010	0,290
CHR7	16253321	CHR7:16253321	SSF x LoA	-8,934	0,031	0,299
CHR7	16253359	CHR7:16253359	SSF x LoA	-3,002	-0,259	0,267
CHR7	16253404	CHR7:16253404	SSF x LoA	-6,773	-0,182	0,279
CHR7	16266409	CHR7:16266409	SSF x LoA	-5,976	0,045	0,269
CHR7	16266491	CHR7:16266491	SSF x LoA	-3,213	-0,032	0,286
CHR7	16266523	CHR7:16266523	SSF x LoA	-8,196	0,034	0,268
CHR7	16266527	CHR7:16266527	SSF x LoA	-7,861	-0,009	0,301
CHR7	16266536	CHR7:16266536	SSF x LoA	-7,786	0,035	0,273
CHR7	16272722	CHR7:16272722	SSF x LoA	-9,533	0,080	0,289
CHR7	16272770	CHR7:16272770	SSF x LoA	-6,492	0,036	0,293
CHR7	16272806	CHR7:16272806	SSF x LoA	-8,057	0,033	0,298
CHR7	16279330	CHR7:16279330	SSF x LoA	-9,074	0,166	0,277
CHR7	16279359	CHR7:16279359	SSF x LoA	-10,843	0,070	0,282
CHR7	16279360	CHR7:16279360	SSF x LoA	-10,548	0,079	0,285
CHR7	16279367	CHR7:16279367	SSF x LoA	-11,229	0,039	0,292
CHR7	16280099	CHR7:16280099	SSF x LoA	-6,890	-0,101	0,307
CHR7	16280275	CHR7:16280275	SSF x LoA	-10,310	-0,044	0,295
CHR7	16322363	CHR7:16322363	SSF x LoA	-7,757	0,068	0,305
CHR7	16324361	CHR7:16324361	SSF x LoA	-7,997	0,008	0,276
CHR7	16324716	CHR7:16324716	SSF x LoA	-7,805	-0,166	0,281
CHR7	16419769	CHR7:16419769	SSF x LoA	-11,086	0,121	0,275
CHR7	16419898	CHR7:16419898	SSF x LoA	-10,222	-0,024	0,299
CHR7	16426590	CHR7:16426590	SSF x LoA	-9,442	0,001	0,283
CHR7	16426616	CHR7:16426616	SSF x LoA	-11,605	0,033	0,284
CHR7	16426784	CHR7:16426784	SSF x LoA	-4,742	0,014	0,289
CHR7	16456996	CHR7:16456996	SSF x LoA	-10,384	-0,079	0,289
CHR7	16457037	CHR7:16457037	SSF x LoA	-6,631	-0,131	0,273
CHR7	16459574	CHR7:16459574	SSF x LoA	-7,939	0,038	0,290
CHR7	16459763	CHR7:16459763	SSF x LoA	-8,695	0,035	0,298
CHR7	16462048	CHR7:16462048	SSF x LoA	-7,699	-0,083	0,281
CHR7	16462093	CHR7:16462093	SSF x LoA	-8,343	0,070	0,294
CHR7	16480259	CHR7:16480259	SSF x LoA	-8,292	0,077	0,296
CHR7	16515431	CHR7:16515431	SSF x LoA	-10,416	0,008	0,285
CHR7	16515491	CHR7:16515491	SSF x LoA	-7,257	-0,045	0,292
CHR7	16515575	CHR7:16515575	SSF x LoA	-10,197	0,050	0,296
CHR7	16515859	CHR7:16515859	SSF x LoA	-4,280	-0,127	0,279
CHR7	16523972	CHR7:16523972	SSF x LoA	-7,836	0,046	0,279
CHR7	16523979	CHR7:16523979	SSF x LoA	-9,530	-0,011	0,287

CHR7	16524040	CHR7:16524040	SSF x LoA	0,494	0,112	0,276
CHR7	16524043	CHR7:16524043	SSF x LoA	-7,595	-0,166	0,276
CHR7	16532827	CHR7:16532827	SSF x LoA	-10,851	0,028	0,268
CHR7	16532908	CHR7:16532908	SSF x LoA	-7,628	0,029	0,300
CHR7	16533147	CHR7:16533147	SSF x LoA	-9,629	-0,022	0,284
CHR7	16548080	CHR7:16548080	SSF x LoA	-10,028	-0,047	0,289
CHR7	16548087	CHR7:16548087	SSF x LoA	-7,211	-0,054	0,298
CHR7	16548117	CHR7:16548117	SSF x LoA	-7,766	-0,100	0,283
CHR7	16548120	CHR7:16548120	SSF x LoA	0,052	-0,151	0,288
CHR7	16548186	CHR7:16548186	SSF x LoA	-10,207	-0,041	0,294
CHR7	16548220	CHR7:16548220	SSF x LoA	-8,930	0,132	0,284
CHR7	16548242	CHR7:16548242	SSF x LoA	-8,563	-0,043	0,291
CHR7	16548300	CHR7:16548300	SSF x LoA	-7,953	0,013	0,285
CHR7	16548324	CHR7:16548324	SSF x LoA	-8,203	0,154	0,280
CHR7	16548395	CHR7:16548395	SSF x LoA	-7,697	0,080	0,281
CHR7	16552595	CHR7:16552595	SSF x LoA	-5,058	0,221	0,271
CHR7	16552730	CHR7:16552730	SSF x LoA	-8,427	-0,052	0,287
CHR7	16552776	CHR7:16552776	SSF x LoA	-11,024	-0,007	0,285
CHR7	16552780	CHR7:16552780	SSF x LoA	2,430	0,165	0,275
CHR7	16552889	CHR7:16552889	SSF x LoA	-5,309	-0,148	0,296
CHR7	16552984	CHR7:16552984	SSF x LoA	-9,240	-0,107	0,280
CHR7	16552991	CHR7:16552991	SSF x LoA	-7,735	-0,062	0,297
CHR7	16590946	CHR7:16590946	SSF x LoA	-8,818	0,055	0,286
CHR7	16591029	CHR7:16591029	SSF x LoA	-8,275	-0,038	0,299
CHR7	16591939	CHR7:16591939	SSF x LoA	-10,422	-0,041	0,295
CHR7	16591993	CHR7:16591993	SSF x LoA	-11,201	-0,058	0,275
CHR7	16593099	CHR7:16593099	SSF x LoA	-9,124	0,038	0,300
CHR7	16593192	CHR7:16593192	SSF x LoA	-6,621	0,121	0,284
CHR7	16593298	CHR7:16593298	SSF x LoA	-6,240	0,110	0,290
CHR7	16593386	CHR7:16593386	SSF x LoA	-8,061	0,052	0,292
CHR7	16593389	CHR7:16593389	SSF x LoA	-7,708	0,019	0,304
CHR7	16615524	CHR7:16615524	SSF x LoA	-9,226	-0,044	0,287
CHR7	16615768	CHR7:16615768	SSF x LoA	-10,259	0,087	0,293
CHR7	16615782	CHR7:16615782	SSF x LoA	-8,040	0,040	0,290
CHR7	16622909	CHR7:16622909	SSF x LoA	-8,579	-0,046	0,285
CHR7	16635676	CHR7:16635676	SSF x LoA	-9,852	0,079	0,285
CHR7	16635684	CHR7:16635684	SSF x LoA	-8,598	0,001	0,294
CHR7	16635808	CHR7:16635808	SSF x LoA	-9,340	0,016	0,268
CHR7	16635932	CHR7:16635932	SSF x LoA	-5,310	-0,036	0,300
CHR7	16636031	CHR7:16636031	SSF x LoA	-8,156	-0,027	0,297
CHR7	16636074	CHR7:16636074	SSF x LoA	-7,627	-0,081	0,281
CHR7	16636086	CHR7:16636086	SSF x LoA	-7,855	-0,101	0,295
CHR7	16643757	CHR7:16643757	SSF x LoA	-9,516	0,039	0,302
CHR7	16643799	CHR7:16643799	SSF x LoA	-3,267	0,001	0,299
CHR7	16643899	CHR7:16643899	SSF x LoA	-4,069	-0,106	0,299
CHR7	16643901	CHR7:16643901	SSF x LoA	-6,876	-0,106	0,287
CHR7	16643997	CHR7:16643997	SSF x LoA	-10,383	-0,089	0,301
CHR7	16644014	CHR7:16644014	SSF x LoA	-9,403	-0,017	0,294
CHR7	16644029	CHR7:16644029	SSF x LoA	-6,600	-0,025	0,298
CHR7	16644168	CHR7:16644168	SSF x LoA	-8,431	-0,041	0,292
CHR7	16650780	CHR7:16650780	SSF x LoA	-7,981	0,112	0,281
CHR7	16650783	CHR7:16650783	SSF x LoA	-5,851	0,233	0,285
CHR7	16650810	CHR7:16650810	SSF x LoA	-3,000	0,012	0,291

CHR7	16650874	CHR7:16650874	SSF x LoA	-8,901	0,047	0,282
CHR7	16650880	CHR7:16650880	SSF x LoA	-9,457	-0,065	0,295
CHR7	16650899	CHR7:16650899	SSF x LoA	-7,578	-0,117	0,271
CHR7	16650906	CHR7:16650906	SSF x LoA	-9,605	-0,150	0,293
CHR7	16650919	CHR7:16650919	SSF x LoA	-3,217	0,195	0,279
CHR7	16650932	CHR7:16650932	SSF x LoA	-9,123	0,124	0,299
CHR7	16650984	CHR7:16650984	SSF x LoA	-7,973	0,156	0,285
CHR7	16655997	CHR7:16655997	SSF x LoA	-11,064	-0,076	0,290
CHR7	16656110	CHR7:16656110	SSF x LoA	-7,200	0,048	0,288
CHR7	16656349	CHR7:16656349	SSF x LoA	-8,992	-0,151	0,282
CHR7	16656366	CHR7:16656366	SSF x LoA	-5,858	0,168	0,285
CHR7	16666923	CHR7:16666923	SSF x LoA	-11,308	-0,034	0,276
CHR7	16667024	CHR7:16667024	SSF x LoA	-6,873	-0,125	0,293
CHR7	16667060	CHR7:16667060	SSF x LoA	-4,875	0,204	0,274
CHR7	16667061	CHR7:16667061	SSF x LoA	-8,664	-0,070	0,286
CHR7	16667103	CHR7:16667103	SSF x LoA	-2,606	0,176	0,269
CHR7	16680400	CHR7:16680400	SSF x LoA	-8,547	0,024	0,304
CHR7	16680701	CHR7:16680701	SSF x LoA	-6,457	0,086	0,296
CHR7	16680750	CHR7:16680750	SSF x LoA	-7,785	-0,021	0,300
CHR7	16740144	CHR7:16740144	SSF x LoA	-8,422	-0,042	0,295
CHR7	16740460	CHR7:16740460	SSF x LoA	-10,208	0,040	0,283
CHR7	16744712	CHR7:16744712	SSF x LoA	-9,204	-0,005	0,274
CHR7	16744729	CHR7:16744729	SSF x LoA	-8,820	0,078	0,275
CHR7	16744739	CHR7:16744739	SSF x LoA	-10,073	-0,075	0,288
CHR7	16744902	CHR7:16744902	SSF x LoA	-9,536	0,024	0,286
CHR7	1674546	CHR7:1674546	SSF x LoA	-6,774	-0,151	0,286
CHR7	16746113	CHR7:16746113	SSF x LoA	-8,110	0,100	0,289
CHR7	16746136	CHR7:16746136	SSF x LoA	-7,556	-0,007	0,290
CHR7	16746160	CHR7:16746160	SSF x LoA	-6,497	0,092	0,293
CHR7	16746228	CHR7:16746228	SSF x LoA	-7,991	0,077	0,272
CHR7	16746229	CHR7:16746229	SSF x LoA	-8,633	0,071	0,295
CHR7	16779590	CHR7:16779590	SSF x LoA	-8,475	-0,050	0,280
CHR7	16779622	CHR7:16779622	SSF x LoA	-7,708	-0,063	0,283
CHR7	16779972	CHR7:16779972	SSF x LoA	-6,918	-0,093	0,298
CHR7	16784135	CHR7:16784135	SSF x LoA	-8,542	0,043	0,287
CHR7	16790211	CHR7:16790211	SSF x LoA	-9,059	-0,116	0,282
CHR7	16790249	CHR7:16790249	SSF x LoA	-6,487	-0,070	0,275
CHR7	16790287	CHR7:16790287	SSF x LoA	-7,972	-0,081	0,300
CHR7	16790292	CHR7:16790292	SSF x LoA	-9,117	-0,086	0,289
CHR7	16790330	CHR7:16790330	SSF x LoA	-8,895	-0,068	0,301
CHR7	16790379	CHR7:16790379	SSF x LoA	-8,787	0,029	0,281
CHR7	16796675	CHR7:16796675	SSF x LoA	-10,558	0,067	0,282
CHR7	16801409	CHR7:16801409	SSF x LoA	-7,977	-0,058	0,294
CHR7	1681593	CHR7:1681593	SSF x LoA	-6,627	0,118	0,292
CHR7	1681622	CHR7:1681622	SSF x LoA	-7,315	0,070	0,262
CHR7	1681634	CHR7:1681634	SSF x LoA	-8,305	0,052	0,287
CHR7	16835486	CHR7:16835486	SSF x LoA	-7,853	-0,141	0,292
CHR7	16835684	CHR7:16835684	SSF x LoA	-9,868	0,019	0,287
CHR7	16839130	CHR7:16839130	SSF x LoA	-8,671	0,022	0,305
CHR7	1684098	CHR7:1684098	SSF x LoA	-9,743	0,052	0,297
CHR7	1684139	CHR7:1684139	SSF x LoA	-8,361	0,071	0,307
CHR7	1684140	CHR7:1684140	SSF x LoA	-8,554	0,107	0,296
CHR7	1684156	CHR7:1684156	SSF x LoA	-7,548	-0,032	0,293

CHR7	1684287	CHR7:1684287	SSF x LoA	-10,328	0,017	0,283
CHR7	16851760	CHR7:16851760	SSF x LoA	-9,543	-0,025	0,280
CHR7	16851800	CHR7:16851800	SSF x LoA	-6,132	0,094	0,307
CHR7	16851884	CHR7:16851884	SSF x LoA	-9,472	-0,077	0,285
CHR7	16851901	CHR7:16851901	SSF x LoA	-4,029	-0,188	0,289
CHR7	16851958	CHR7:16851958	SSF x LoA	2,802	-0,167	0,278
CHR7	16851964	CHR7:16851964	SSF x LoA	-5,915	0,109	0,299
CHR7	16852027	CHR7:16852027	SSF x LoA	-6,800	-0,118	0,295
CHR7	16855783	CHR7:16855783	SSF x LoA	-7,586	-0,085	0,285
CHR7	16865458	CHR7:16865458	SSF x LoA	-8,258	-0,085	0,279
CHR7	16865623	CHR7:16865623	SSF x LoA	-8,375	0,000	0,296
CHR7	16867110	CHR7:16867110	SSF x LoA	-9,193	-0,004	0,296
CHR7	16867119	CHR7:16867119	SSF x LoA	8,788	-0,086	0,286
CHR7	16867129	CHR7:16867129	SSF x LoA	-10,364	0,097	0,290
CHR7	16867169	CHR7:16867169	SSF x LoA	-8,923	0,057	0,282
CHR7	16868635	CHR7:16868635	SSF x LoA	-9,126	-0,081	0,282
CHR7	16868760	CHR7:16868760	SSF x LoA	6,948	0,024	0,285
CHR7	16870438	CHR7:16870438	SSF x LoA	-8,046	-0,071	0,269
CHR7	16870446	CHR7:16870446	SSF x LoA	-5,999	-0,080	0,263
CHR7	16870470	CHR7:16870470	SSF x LoA	-7,259	-0,051	0,292
CHR7	16870472	CHR7:16870472	SSF x LoA	-8,113	-0,028	0,296
CHR7	16870475	CHR7:16870475	SSF x LoA	-8,325	-0,117	0,279
CHR7	16879468	CHR7:16879468	SSF x LoA	-10,877	0,076	0,295
CHR7	16879639	CHR7:16879639	SSF x LoA	-10,868	0,027	0,295
CHR7	16879714	CHR7:16879714	SSF x LoA	-11,019	-0,044	0,288
CHR7	16881545	CHR7:16881545	SSF x LoA	-10,855	-0,002	0,295
CHR7	16881577	CHR7:16881577	SSF x LoA	-9,047	-0,011	0,301
CHR7	16881651	CHR7:16881651	SSF x LoA	-10,361	-0,086	0,273
CHR7	16884880	CHR7:16884880	SSF x LoA	-8,015	0,007	0,295
CHR7	16884896	CHR7:16884896	SSF x LoA	-5,514	-0,005	0,302
CHR7	16885004	CHR7:16885004	SSF x LoA	-7,662	-0,130	0,274
CHR7	16885005	CHR7:16885005	SSF x LoA	-8,146	0,172	0,291
CHR7	16885075	CHR7:16885075	SSF x LoA	-8,339	-0,121	0,281
CHR7	16885076	CHR7:16885076	SSF x LoA	-9,388	-0,010	0,291
CHR7	16886676	CHR7:16886676	SSF x LoA	-7,709	-0,083	0,274
CHR7	16886776	CHR7:16886776	SSF x LoA	-9,315	-0,063	0,279
CHR7	16886886	CHR7:16886886	SSF x LoA	-9,093	0,043	0,291
CHR7	16895421	CHR7:16895421	SSF x LoA	-9,538	0,136	0,282
CHR7	16895540	CHR7:16895540	SSF x LoA	-5,717	0,000	0,283
CHR7	16895648	CHR7:16895648	SSF x LoA	-10,371	0,072	0,297
CHR7	16898319	CHR7:16898319	SSF x LoA	-9,478	0,139	0,295
CHR7	16898423	CHR7:16898423	SSF x LoA	-10,950	-0,050	0,289
CHR7	16901866	CHR7:16901866	SSF x LoA	-8,114	0,063	0,278
CHR7	16901979	CHR7:16901979	SSF x LoA	-7,861	-0,071	0,288
CHR7	16902040	CHR7:16902040	SSF x LoA	-9,885	0,008	0,291
CHR7	16902358	CHR7:16902358	SSF x LoA	-8,630	-0,175	0,271
CHR7	16902365	CHR7:16902365	SSF x LoA	-9,942	-0,009	0,284
CHR7	16905234	CHR7:16905234	SSF x LoA	-8,241	-0,040	0,285
CHR7	16905245	CHR7:16905245	SSF x LoA	-9,428	-0,034	0,303
CHR7	16905316	CHR7:16905316	SSF x LoA	-8,392	0,065	0,270
CHR7	16908868	CHR7:16908868	SSF x LoA	-7,930	-0,085	0,296
CHR7	16908892	CHR7:16908892	SSF x LoA	-7,403	0,070	0,302
CHR7	16908915	CHR7:16908915	SSF x LoA	-10,057	-0,032	0,294

CHR7	16908968	CHR7:16908968	SSF x LoA	-9,415	0,037	0,295
CHR7	16908995	CHR7:16908995	SSF x LoA	-8,845	-0,015	0,294
CHR7	16909076	CHR7:16909076	SSF x LoA	-9,939	-0,062	0,279
CHR7	16930322	CHR7:16930322	SSF x LoA	-9,218	-0,109	0,287
CHR7	16930360	CHR7:16930360	SSF x LoA	-8,511	-0,020	0,302
CHR7	16940279	CHR7:16940279	SSF x LoA	-6,794	0,146	0,290
CHR7	16940458	CHR7:16940458	SSF x LoA	-7,466	0,064	0,292
CHR7	16942691	CHR7:16942691	SSF x LoA	-7,938	-0,131	0,286
CHR7	16943032	CHR7:16943032	SSF x LoA	-10,098	-0,123	0,280
CHR7	16943103	CHR7:16943103	SSF x LoA	-7,687	0,026	0,301
CHR7	16954289	CHR7:16954289	SSF x LoA	-7,464	-0,078	0,278
CHR7	16954307	CHR7:16954307	SSF x LoA	-12,072	0,024	0,291
CHR7	16954361	CHR7:16954361	SSF x LoA	-9,592	-0,128	0,290
CHR7	16954362	CHR7:16954362	SSF x LoA	-9,652	-0,128	0,277
CHR7	16969106	CHR7:16969106	SSF x LoA	-8,398	-0,117	0,294
CHR7	16969118	CHR7:16969118	SSF x LoA	-10,008	-0,003	0,287
CHR7	1697169	CHR7:1697169	SSF x LoA	-9,015	0,007	0,289
CHR7	16989253	CHR7:16989253	SSF x LoA	-6,222	-0,217	0,268
CHR7	16994470	CHR7:16994470	SSF x LoA	-6,096	0,001	0,288
CHR7	1699631	CHR7:1699631	SSF x LoA	-9,840	-0,030	0,288
CHR7	1699809	CHR7:1699809	SSF x LoA	-8,702	-0,025	0,293
CHR7	1700931	CHR7:1700931	SSF x LoA	-9,109	-0,072	0,292
CHR7	1700940	CHR7:1700940	SSF x LoA	-7,910	-0,070	0,269
CHR7	17016581	CHR7:17016581	SSF x LoA	-8,641	-0,052	0,292
CHR7	17016679	CHR7:17016679	SSF x LoA	-8,876	0,127	0,280
CHR7	17016784	CHR7:17016784	SSF x LoA	-4,914	-0,017	0,288
CHR7	17016904	CHR7:17016904	SSF x LoA	-9,703	-0,080	0,278
CHR7	17031591	CHR7:17031591	SSF x LoA	-11,494	-0,023	0,280
CHR7	17041284	CHR7:17041284	SSF x LoA	-6,381	-0,094	0,298
CHR7	17041366	CHR7:17041366	SSF x LoA	-2,326	-0,089	0,288
CHR7	17041432	CHR7:17041432	SSF x LoA	-6,595	-0,208	0,277
CHR7	17041481	CHR7:17041481	SSF x LoA	-10,325	0,069	0,294
CHR7	17041509	CHR7:17041509	SSF x LoA	-6,539	0,191	0,281
CHR7	17041531	CHR7:17041531	SSF x LoA	15,167	0,246	0,265
CHR7	17041540	CHR7:17041540	SSF x LoA	-7,950	-0,085	0,274
CHR7	17041687	CHR7:17041687	SSF x LoA	-6,926	-0,074	0,302
CHR7	17046011	CHR7:17046011	SSF x LoA	-9,376	0,099	0,285
CHR7	17046160	CHR7:17046160	SSF x LoA	-8,024	0,051	0,280
CHR7	17046181	CHR7:17046181	SSF x LoA	-8,274	-0,159	0,287
CHR7	17046216	CHR7:17046216	SSF x LoA	-6,310	-0,081	0,270
CHR7	17046222	CHR7:17046222	SSF x LoA	-9,160	-0,085	0,299
CHR7	17059224	CHR7:17059224	SSF x LoA	-8,379	0,137	0,278
CHR7	17059394	CHR7:17059394	SSF x LoA	-8,335	0,007	0,306
CHR7	17059456	CHR7:17059456	SSF x LoA	-8,560	0,047	0,289
CHR7	17059537	CHR7:17059537	SSF x LoA	-7,448	0,010	0,289
CHR7	17059594	CHR7:17059594	SSF x LoA	-10,029	-0,026	0,300
CHR7	17063955	CHR7:17063955	SSF x LoA	-8,943	-0,048	0,291
CHR7	17064006	CHR7:17064006	SSF x LoA	-7,222	0,025	0,291
CHR7	17064035	CHR7:17064035	SSF x LoA	-7,418	-0,036	0,285
CHR7	17064197	CHR7:17064197	SSF x LoA	-9,870	-0,005	0,286
CHR7	17064715	CHR7:17064715	SSF x LoA	-8,205	0,041	0,295
CHR7	17093018	CHR7:17093018	SSF x LoA	-11,326	0,053	0,280
CHR7	17093067	CHR7:17093067	SSF x LoA	-7,453	0,070	0,299

CHR7	17095554	CHR7:17095554	SSF x LoA	-10,842	0,015	0,293
CHR7	17095583	CHR7:17095583	SSF x LoA	-9,630	0,038	0,292
CHR7	17095607	CHR7:17095607	SSF x LoA	-10,615	0,024	0,299
CHR7	17095649	CHR7:17095649	SSF x LoA	-8,065	-0,066	0,268
CHR7	17095766	CHR7:17095766	SSF x LoA	-7,608	0,021	0,273
CHR7	17097565	CHR7:17097565	SSF x LoA	-8,341	0,013	0,285
CHR7	17097736	CHR7:17097736	SSF x LoA	-8,918	0,019	0,287
CHR7	17123642	CHR7:17123642	SSF x LoA	-6,961	0,029	0,298
CHR7	17133705	CHR7:17133705	SSF x LoA	-8,257	0,127	0,287
CHR7	17133717	CHR7:17133717	SSF x LoA	2,474	-0,183	0,266
CHR7	17133728	CHR7:17133728	SSF x LoA	-7,153	-0,054	0,295
CHR7	17133740	CHR7:17133740	SSF x LoA	-8,018	-0,081	0,289
CHR7	17133748	CHR7:17133748	SSF x LoA	-7,873	-0,094	0,283
CHR7	17133757	CHR7:17133757	SSF x LoA	-8,640	-0,064	0,290
CHR7	17133769	CHR7:17133769	SSF x LoA	-4,114	-0,094	0,298
CHR7	17133777	CHR7:17133777	SSF x LoA	-6,791	-0,065	0,286
CHR7	17133821	CHR7:17133821	SSF x LoA	-7,234	-0,077	0,301
CHR7	17133830	CHR7:17133830	SSF x LoA	-8,223	-0,081	0,283
CHR7	17133833	CHR7:17133833	SSF x LoA	-8,149	0,095	0,289
CHR7	17133869	CHR7:17133869	SSF x LoA	-7,394	-0,127	0,275
CHR7	17133889	CHR7:17133889	SSF x LoA	-7,371	0,008	0,294
CHR7	17138885	CHR7:17138885	SSF x LoA	-4,767	-0,119	0,286
CHR7	17142231	CHR7:17142231	SSF x LoA	-5,792	-0,127	0,289
CHR7	17142452	CHR7:17142452	SSF x LoA	-6,691	-0,010	0,280
CHR7	17152038	CHR7:17152038	SSF x LoA	-10,664	0,004	0,296
CHR7	17152176	CHR7:17152176	SSF x LoA	-9,530	0,050	0,284
CHR7	17152188	CHR7:17152188	SSF x LoA	-7,785	0,063	0,301
CHR7	1716091	CHR7:1716091	SSF x LoA	-8,226	0,072	0,300
CHR7	1716238	CHR7:1716238	SSF x LoA	-9,709	-0,080	0,295
CHR7	1716370	CHR7:1716370	SSF x LoA	-8,309	0,111	0,296
CHR7	1716373	CHR7:1716373	SSF x LoA	-9,653	0,065	0,287
CHR7	17167273	CHR7:17167273	SSF x LoA	-8,905	0,026	0,289
CHR7	17167313	CHR7:17167313	SSF x LoA	-9,190	0,042	0,292
CHR7	17167414	CHR7:17167414	SSF x LoA	-9,846	-0,050	0,299
CHR7	17172389	CHR7:17172389	SSF x LoA	-6,623	-0,039	0,301
CHR7	17172449	CHR7:17172449	SSF x LoA	-8,792	-0,067	0,285
CHR7	17172500	CHR7:17172500	SSF x LoA	-7,119	-0,062	0,281
CHR7	17172507	CHR7:17172507	SSF x LoA	-7,967	0,123	0,299
CHR7	17172543	CHR7:17172543	SSF x LoA	-7,733	0,033	0,303
CHR7	17187964	CHR7:17187964	SSF x LoA	-9,089	0,033	0,274
CHR7	17188008	CHR7:17188008	SSF x LoA	-7,270	-0,026	0,293
CHR7	1719082	CHR7:1719082	SSF x LoA	-6,427	-0,131	0,291
CHR7	17201885	CHR7:17201885	SSF x LoA	-8,811	0,013	0,295
CHR7	17201903	CHR7:17201903	SSF x LoA	-10,966	-0,041	0,292
CHR7	17201942	CHR7:17201942	SSF x LoA	-4,500	0,067	0,290
CHR7	17218623	CHR7:17218623	SSF x LoA	-8,864	0,097	0,303
CHR7	17218642	CHR7:17218642	SSF x LoA	-8,549	-0,013	0,288
CHR7	17218681	CHR7:17218681	SSF x LoA	-8,784	0,091	0,287
CHR7	1722422	CHR7:1722422	SSF x LoA	-11,813	0,043	0,274
CHR7	1722836	CHR7:1722836	SSF x LoA	-10,546	0,030	0,299
CHR7	17237900	CHR7:17237900	SSF x LoA	-9,958	0,052	0,289
CHR7	17244595	CHR7:17244595	SSF x LoA	-9,639	0,039	0,265
CHR7	17245854	CHR7:17245854	SSF x LoA	-8,187	-0,064	0,304

CHR7	17245855	CHR7:17245855	SSF x LoA	-10,289	0,065	0,285
CHR7	17245895	CHR7:17245895	SSF x LoA	-8,160	0,066	0,317
CHR7	17245971	CHR7:17245971	SSF x LoA	-9,054	-0,006	0,311
CHR7	17245977	CHR7:17245977	SSF x LoA	-8,252	-0,032	0,317
CHR7	17245978	CHR7:17245978	SSF x LoA	-9,668	-0,014	0,302
CHR7	17249594	CHR7:17249594	SSF x LoA	-7,211	0,140	0,297
CHR7	17249833	CHR7:17249833	SSF x LoA	-9,465	-0,090	0,281
CHR7	17249891	CHR7:17249891	SSF x LoA	-8,727	-0,074	0,294
CHR7	17249904	CHR7:17249904	SSF x LoA	-8,123	-0,057	0,299
CHR7	17249972	CHR7:17249972	SSF x LoA	-4,251	0,132	0,292
CHR7	17255009	CHR7:17255009	SSF x LoA	-7,858	-0,163	0,287
CHR7	17255011	CHR7:17255011	SSF x LoA	-8,657	-0,160	0,285
CHR7	17255064	CHR7:17255064	SSF x LoA	-10,078	-0,010	0,274
CHR7	17255647	CHR7:17255647	SSF x LoA	-7,651	0,063	0,271
CHR7	1725835	CHR7:1725835	SSF x LoA	-9,799	-0,138	0,283
CHR7	1725836	CHR7:1725836	SSF x LoA	-8,214	-0,023	0,295
CHR7	1725850	CHR7:1725850	SSF x LoA	-3,941	-0,053	0,266
CHR7	1725859	CHR7:1725859	SSF x LoA	-7,023	0,018	0,288
CHR7	1725911	CHR7:1725911	SSF x LoA	-8,639	0,027	0,303
CHR7	1726015	CHR7:1726015	SSF x LoA	-4,834	-0,119	0,286
CHR7	17266672	CHR7:17266672	SSF x LoA	-10,395	0,079	0,278
CHR7	17266789	CHR7:17266789	SSF x LoA	-6,444	-0,030	0,294
CHR7	17266901	CHR7:17266901	SSF x LoA	-10,309	0,014	0,282
CHR7	17266933	CHR7:17266933	SSF x LoA	-9,229	-0,006	0,289
CHR7	17268136	CHR7:17268136	SSF x LoA	-11,792	0,014	0,284
CHR7	17268185	CHR7:17268185	SSF x LoA	-7,879	-0,095	0,284
CHR7	17268300	CHR7:17268300	SSF x LoA	-6,875	-0,074	0,284
CHR7	17274018	CHR7:17274018	SSF x LoA	-9,689	0,039	0,305
CHR7	1729546	CHR7:1729546	SSF x LoA	-11,133	-0,057	0,280
CHR7	1729631	CHR7:1729631	SSF x LoA	-7,056	0,137	0,269
CHR7	17305875	CHR7:17305875	SSF x LoA	-9,304	-0,058	0,291
CHR7	17305985	CHR7:17305985	SSF x LoA	-11,004	0,061	0,288
CHR7	17306005	CHR7:17306005	SSF x LoA	-9,523	-0,110	0,272
CHR7	17306067	CHR7:17306067	SSF x LoA	-6,925	0,043	0,290
CHR7	17306069	CHR7:17306069	SSF x LoA	-9,651	-0,119	0,274
CHR7	17306150	CHR7:17306150	SSF x LoA	-8,981	-0,041	0,290
CHR7	17316652	CHR7:17316652	SSF x LoA	-9,911	-0,017	0,284
CHR7	17316853	CHR7:17316853	SSF x LoA	-7,735	0,055	0,294
CHR7	17317008	CHR7:17317008	SSF x LoA	-8,964	0,121	0,288
CHR7	17320838	CHR7:17320838	SSF x LoA	-9,963	0,009	0,287
CHR7	17320895	CHR7:17320895	SSF x LoA	-7,106	0,089	0,290
CHR7	17321078	CHR7:17321078	SSF x LoA	-8,354	-0,199	0,276
CHR7	1733452	CHR7:1733452	SSF x LoA	-4,388	0,074	0,297
CHR7	1733531	CHR7:1733531	SSF x LoA	-8,185	0,094	0,281
CHR7	1733572	CHR7:1733572	SSF x LoA	-6,138	0,102	0,283
CHR7	17336195	CHR7:17336195	SSF x LoA	-8,108	0,100	0,283
CHR7	17338970	CHR7:17338970	SSF x LoA	-9,312	0,129	0,285
CHR7	17339380	CHR7:17339380	SSF x LoA	-8,951	0,049	0,284
CHR7	17348355	CHR7:17348355	SSF x LoA	-8,284	-0,025	0,276
CHR7	17348404	CHR7:17348404	SSF x LoA	-4,127	0,110	0,286
CHR7	17348462	CHR7:17348462	SSF x LoA	-9,919	-0,015	0,276
CHR7	17348515	CHR7:17348515	SSF x LoA	-8,553	-0,097	0,277
CHR7	17348795	CHR7:17348795	SSF x LoA	-10,019	-0,132	0,285

CHR7	17349000	CHR7:17349000	SSF x LoA	-6,875	0,057	0,288
CHR7	17370125	CHR7:17370125	SSF x LoA	-10,163	0,103	0,280
CHR7	17370191	CHR7:17370191	SSF x LoA	-10,987	0,037	0,292
CHR7	17375372	CHR7:17375372	SSF x LoA	-8,604	-0,057	0,274
CHR7	17375404	CHR7:17375404	SSF x LoA	-7,233	0,147	0,283
CHR7	17391168	CHR7:17391168	SSF x LoA	-7,364	0,070	0,294
CHR7	17391495	CHR7:17391495	SSF x LoA	-7,804	0,028	0,282
CHR7	17391515	CHR7:17391515	SSF x LoA	-8,123	0,038	0,294
CHR7	17400926	CHR7:17400926	SSF x LoA	-9,644	0,026	0,293
CHR7	17401005	CHR7:17401005	SSF x LoA	-9,931	-0,039	0,291
CHR7	17401006	CHR7:17401006	SSF x LoA	-10,405	-0,073	0,301
CHR7	17401092	CHR7:17401092	SSF x LoA	-8,583	0,089	0,285
CHR7	17401127	CHR7:17401127	SSF x LoA	-7,324	-0,153	0,276
CHR7	17406923	CHR7:17406923	SSF x LoA	-6,896	-0,015	0,283
CHR7	17406968	CHR7:17406968	SSF x LoA	-9,347	0,014	0,289
CHR7	17407072	CHR7:17407072	SSF x LoA	-9,631	-0,061	0,276
CHR7	17407102	CHR7:17407102	SSF x LoA	-8,121	0,175	0,297
CHR7	17407186	CHR7:17407186	SSF x LoA	-8,909	-0,024	0,291
CHR7	17410398	CHR7:17410398	SSF x LoA	-11,238	-0,021	0,281
CHR7	17410411	CHR7:17410411	SSF x LoA	-9,368	0,044	0,278
CHR7	17410412	CHR7:17410412	SSF x LoA	-10,028	-0,030	0,287
CHR7	17410434	CHR7:17410434	SSF x LoA	-7,262	-0,105	0,285
CHR7	17410444	CHR7:17410444	SSF x LoA	-10,916	0,022	0,291
CHR7	17410452	CHR7:17410452	SSF x LoA	-9,732	-0,101	0,293
CHR7	17410617	CHR7:17410617	SSF x LoA	-10,003	0,023	0,295
CHR7	17419882	CHR7:17419882	SSF x LoA	-8,030	-0,022	0,282
CHR7	17420004	CHR7:17420004	SSF x LoA	-10,339	0,109	0,301
CHR7	1744336	CHR7:1744336	SSF x LoA	-8,936	0,016	0,279
CHR7	1744367	CHR7:1744367	SSF x LoA	-8,559	-0,005	0,305
CHR7	17453367	CHR7:17453367	SSF x LoA	-10,070	0,068	0,291
CHR7	17454828	CHR7:17454828	SSF x LoA	-8,377	0,123	0,284
CHR7	17454936	CHR7:17454936	SSF x LoA	-11,068	-0,017	0,284
CHR7	17464604	CHR7:17464604	SSF x LoA	-8,399	0,101	0,277
CHR7	17479053	CHR7:17479053	SSF x LoA	-9,170	-0,094	0,269
CHR7	17481928	CHR7:17481928	SSF x LoA	-9,602	-0,060	0,294
CHR7	17482032	CHR7:17482032	SSF x LoA	-10,636	-0,086	0,273
CHR7	17482138	CHR7:17482138	SSF x LoA	-7,973	-0,029	0,286
CHR7	17482140	CHR7:17482140	SSF x LoA	-7,963	-0,010	0,290
CHR7	1749139	CHR7:1749139	SSF x LoA	-11,408	0,043	0,286
CHR7	1749273	CHR7:1749273	SSF x LoA	-6,419	0,039	0,283
CHR7	1749386	CHR7:1749386	SSF x LoA	-9,798	-0,020	0,285
CHR7	17496328	CHR7:17496328	SSF x LoA	-9,707	0,024	0,293
CHR7	17496341	CHR7:17496341	SSF x LoA	-6,709	-0,029	0,291
CHR7	17496481	CHR7:17496481	SSF x LoA	-10,386	-0,028	0,285
CHR7	17512335	CHR7:17512335	SSF x LoA	-11,164	0,045	0,287
CHR7	17512340	CHR7:17512340	SSF x LoA	-6,155	-0,003	0,271
CHR7	17512408	CHR7:17512408	SSF x LoA	-9,720	-0,043	0,276
CHR7	17512565	CHR7:17512565	SSF x LoA	-5,019	0,079	0,282
CHR7	17514795	CHR7:17514795	SSF x LoA	-7,708	0,074	0,287
CHR7	17514809	CHR7:17514809	SSF x LoA	-9,166	-0,048	0,278
CHR7	17514834	CHR7:17514834	SSF x LoA	-6,270	-0,053	0,290
CHR7	1751814	CHR7:1751814	SSF x LoA	-8,478	0,123	0,287
CHR7	1751844	CHR7:1751844	SSF x LoA	-11,336	-0,011	0,282

CHR7	1751898	CHR7:1751898	SSF x LoA	-8,592	-0,056	0,291
CHR7	17520768	CHR7:17520768	SSF x LoA	-10,461	-0,018	0,294
CHR7	17520781	CHR7:17520781	SSF x LoA	-7,777	-0,054	0,281
CHR7	17520818	CHR7:17520818	SSF x LoA	-8,424	-0,059	0,268
CHR7	17520830	CHR7:17520830	SSF x LoA	-9,759	0,048	0,295
CHR7	17523953	CHR7:17523953	SSF x LoA	-8,724	0,004	0,298
CHR7	17524134	CHR7:17524134	SSF x LoA	-8,195	-0,025	0,273
CHR7	17524140	CHR7:17524140	SSF x LoA	-8,974	0,088	0,280
CHR7	17531481	CHR7:17531481	SSF x LoA	-10,983	-0,110	0,291
CHR7	17531495	CHR7:17531495	SSF x LoA	-8,107	0,088	0,293
CHR7	17549296	CHR7:17549296	SSF x LoA	-5,424	-0,127	0,272
CHR7	17549342	CHR7:17549342	SSF x LoA	-8,545	0,032	0,296
CHR7	17549433	CHR7:17549433	SSF x LoA	-7,184	0,151	0,272
CHR7	17556232	CHR7:17556232	SSF x LoA	-8,358	0,117	0,284
CHR7	17556291	CHR7:17556291	SSF x LoA	-7,322	0,130	0,291
CHR7	17556310	CHR7:17556310	SSF x LoA	-11,050	-0,011	0,283
CHR7	17556334	CHR7:17556334	SSF x LoA	-10,291	0,032	0,290
CHR7	17556430	CHR7:17556430	SSF x LoA	-9,833	-0,024	0,292
CHR7	17556445	CHR7:17556445	SSF x LoA	-10,110	0,016	0,299
CHR7	17556567	CHR7:17556567	SSF x LoA	-11,209	0,037	0,299
CHR7	1755854	CHR7:1755854	SSF x LoA	-6,905	-0,038	0,278
CHR7	1755867	CHR7:1755867	SSF x LoA	-7,210	0,020	0,304
CHR7	17574602	CHR7:17574602	SSF x LoA	-11,093	-0,068	0,286
CHR7	17575095	CHR7:17575095	SSF x LoA	-10,555	0,068	0,294
CHR7	17580463	CHR7:17580463	SSF x LoA	-7,979	0,006	0,304
CHR7	17580493	CHR7:17580493	SSF x LoA	-7,718	0,124	0,293
CHR7	17584106	CHR7:17584106	SSF x LoA	-8,340	0,119	0,283
CHR7	17584111	CHR7:17584111	SSF x LoA	-8,544	0,038	0,296
CHR7	17585456	CHR7:17585456	SSF x LoA	-9,220	-0,036	0,278
CHR7	17592986	CHR7:17592986	SSF x LoA	-9,138	0,100	0,295
CHR7	17593207	CHR7:17593207	SSF x LoA	-10,618	0,100	0,289
CHR7	17593234	CHR7:17593234	SSF x LoA	-10,059	0,064	0,295
CHR7	17593333	CHR7:17593333	SSF x LoA	-9,403	0,044	0,306
CHR7	17593348	CHR7:17593348	SSF x LoA	-5,411	0,045	0,303
CHR7	17593351	CHR7:17593351	SSF x LoA	-9,202	0,033	0,282
CHR7	17593376	CHR7:17593376	SSF x LoA	-6,686	0,090	0,288
CHR7	17604214	CHR7:17604214	SSF x LoA	-10,286	-0,097	0,301
CHR7	17604928	CHR7:17604928	SSF x LoA	-9,269	-0,077	0,287
CHR7	17610790	CHR7:17610790	SSF x LoA	-9,023	-0,022	0,297
CHR7	17611200	CHR7:17611200	SSF x LoA	-9,966	0,015	0,298
CHR7	17630632	CHR7:17630632	SSF x LoA	-4,162	0,149	0,299
CHR7	17630682	CHR7:17630682	SSF x LoA	-5,995	-0,126	0,285
CHR7	17630806	CHR7:17630806	SSF x LoA	-6,379	0,121	0,286
CHR7	17637248	CHR7:17637248	SSF x LoA	-8,214	0,039	0,288
CHR7	17637437	CHR7:17637437	SSF x LoA	-8,786	0,040	0,286
CHR7	17637442	CHR7:17637442	SSF x LoA	-10,979	0,010	0,300
CHR7	17637446	CHR7:17637446	SSF x LoA	-11,162	-0,009	0,288
CHR7	17644815	CHR7:17644815	SSF x LoA	-7,894	0,110	0,294
CHR7	17644840	CHR7:17644840	SSF x LoA	-8,501	0,070	0,294
CHR7	17644887	CHR7:17644887	SSF x LoA	-9,818	0,029	0,298
CHR7	17644975	CHR7:17644975	SSF x LoA	-7,447	-0,102	0,284
CHR7	17645017	CHR7:17645017	SSF x LoA	-10,329	0,099	0,296
CHR7	17645018	CHR7:17645018	SSF x LoA	-9,625	-0,059	0,307

CHR7	17645041	CHR7:17645041	SSF x LoA	-1,881	0,164	0,276
CHR7	17645077	CHR7:17645077	SSF x LoA	-9,532	-0,010	0,286
CHR7	17645106	CHR7:17645106	SSF x LoA	-5,970	-0,075	0,293
CHR7	17652123	CHR7:17652123	SSF x LoA	-10,428	-0,017	0,290
CHR7	17658097	CHR7:17658097	SSF x LoA	-8,540	0,052	0,276
CHR7	17658135	CHR7:17658135	SSF x LoA	-7,513	-0,135	0,291
CHR7	17658137	CHR7:17658137	SSF x LoA	-7,120	-0,131	0,312
CHR7	17658140	CHR7:17658140	SSF x LoA	-9,518	-0,151	0,299
CHR7	17667025	CHR7:17667025	SSF x LoA	-9,276	-0,050	0,297
CHR7	17677624	CHR7:17677624	SSF x LoA	-4,365	-0,072	0,297
CHR7	17678343	CHR7:17678343	SSF x LoA	-7,903	0,082	0,289
CHR7	17698093	CHR7:17698093	SSF x LoA	-9,453	0,013	0,278
CHR7	17698226	CHR7:17698226	SSF x LoA	-9,972	0,052	0,296
CHR7	17698281	CHR7:17698281	SSF x LoA	-10,788	0,051	0,283
CHR7	1770696	CHR7:1770696	SSF x LoA	-9,641	-0,087	0,286
CHR7	17708420	CHR7:17708420	SSF x LoA	-8,804	0,138	0,286
CHR7	17708423	CHR7:17708423	SSF x LoA	-10,380	0,094	0,284
CHR7	17708439	CHR7:17708439	SSF x LoA	-10,924	0,055	0,285
CHR7	1771021	CHR7:1771021	SSF x LoA	-10,187	-0,119	0,274
CHR7	17711389	CHR7:17711389	SSF x LoA	-5,140	-0,140	0,280
CHR7	17711414	CHR7:17711414	SSF x LoA	-6,110	-0,208	0,274
CHR7	17714740	CHR7:17714740	SSF x LoA	-9,825	0,107	0,293
CHR7	17714762	CHR7:17714762	SSF x LoA	-8,073	0,012	0,310
CHR7	17714766	CHR7:17714766	SSF x LoA	-8,161	0,014	0,306
CHR7	17714842	CHR7:17714842	SSF x LoA	-8,978	0,033	0,293
CHR7	17714893	CHR7:17714893	SSF x LoA	-7,101	0,109	0,286
CHR7	17714905	CHR7:17714905	SSF x LoA	-8,550	0,082	0,285
CHR7	17717624	CHR7:17717624	SSF x LoA	-10,913	-0,011	0,288
CHR7	1772157	CHR7:1772157	SSF x LoA	-7,575	0,019	0,306
CHR7	17734658	CHR7:17734658	SSF x LoA	-7,925	0,114	0,289
CHR7	1774215	CHR7:1774215	SSF x LoA	-11,435	-0,023	0,273
CHR7	17744516	CHR7:17744516	SSF x LoA	-8,001	0,044	0,287
CHR7	17759657	CHR7:17759657	SSF x LoA	-8,804	-0,072	0,268
CHR7	17759731	CHR7:17759731	SSF x LoA	-5,158	-0,120	0,283
CHR7	17759895	CHR7:17759895	SSF x LoA	-9,400	-0,031	0,283
CHR7	17764466	CHR7:17764466	SSF x LoA	-5,430	0,110	0,291
CHR7	1777509	CHR7:1777509	SSF x LoA	-10,780	-0,042	0,289
CHR7	17793859	CHR7:17793859	SSF x LoA	-8,866	-0,106	0,294
CHR7	17796838	CHR7:17796838	SSF x LoA	-7,385	0,097	0,286
CHR7	17796844	CHR7:17796844	SSF x LoA	-4,470	0,109	0,300
CHR7	17802101	CHR7:17802101	SSF x LoA	-10,793	0,040	0,272
CHR7	17802119	CHR7:17802119	SSF x LoA	-7,360	-0,074	0,287
CHR7	17802271	CHR7:17802271	SSF x LoA	-5,221	0,121	0,276
CHR7	17802311	CHR7:17802311	SSF x LoA	-5,493	0,130	0,277
CHR7	17812011	CHR7:17812011	SSF x LoA	-9,609	-0,055	0,294
CHR7	17812106	CHR7:17812106	SSF x LoA	-10,756	-0,042	0,295
CHR7	17812147	CHR7:17812147	SSF x LoA	-10,356	-0,032	0,276
CHR7	17818602	CHR7:17818602	SSF x LoA	-10,524	-0,021	0,278
CHR7	17818647	CHR7:17818647	SSF x LoA	-11,154	0,006	0,289
CHR7	17818670	CHR7:17818670	SSF x LoA	-7,448	0,015	0,287
CHR7	17826768	CHR7:17826768	SSF x LoA	-8,294	-0,008	0,298
CHR7	17826901	CHR7:17826901	SSF x LoA	-7,878	0,069	0,277
CHR7	17826902	CHR7:17826902	SSF x LoA	-8,849	-0,095	0,272

CHR7	17828256	CHR7:17828256	SSF x LoA	-9,295	0,019	0,294
CHR7	17828283	CHR7:17828283	SSF x LoA	-2,322	0,108	0,296
CHR7	17828288	CHR7:17828288	SSF x LoA	-7,934	0,084	0,293
CHR7	17828316	CHR7:17828316	SSF x LoA	-6,121	0,066	0,276
CHR7	17831122	CHR7:17831122	SSF x LoA	-10,376	-0,045	0,302
CHR7	17833176	CHR7:17833176	SSF x LoA	-8,714	-0,043	0,297
CHR7	17837054	CHR7:17837054	SSF x LoA	-7,128	-0,044	0,299
CHR7	17837058	CHR7:17837058	SSF x LoA	-9,444	-0,101	0,298
CHR7	17837101	CHR7:17837101	SSF x LoA	-6,559	-0,093	0,300
CHR7	17838508	CHR7:17838508	SSF x LoA	-8,792	-0,129	0,283
CHR7	17838512	CHR7:17838512	SSF x LoA	-8,686	-0,100	0,288
CHR7	17851931	CHR7:17851931	SSF x LoA	-11,186	-0,041	0,291
CHR7	17852211	CHR7:17852211	SSF x LoA	-7,855	-0,039	0,291
CHR7	17852225	CHR7:17852225	SSF x LoA	-7,821	0,026	0,305
CHR7	17852226	CHR7:17852226	SSF x LoA	-8,301	0,013	0,307
CHR7	17852239	CHR7:17852239	SSF x LoA	-4,797	-0,005	0,295
CHR7	17853428	CHR7:17853428	SSF x LoA	-10,321	0,089	0,291
CHR7	17853575	CHR7:17853575	SSF x LoA	-8,323	0,018	0,291
CHR7	17853586	CHR7:17853586	SSF x LoA	-11,706	0,013	0,299
CHR7	17853598	CHR7:17853598	SSF x LoA	-10,085	0,039	0,285
CHR7	17853632	CHR7:17853632	SSF x LoA	-8,938	-0,047	0,295
CHR7	1785567	CHR7:1785567	SSF x LoA	-10,107	0,123	0,295
CHR7	17862113	CHR7:17862113	SSF x LoA	-8,433	0,088	0,292
CHR7	17862204	CHR7:17862204	SSF x LoA	-10,449	-0,047	0,299
CHR7	17862311	CHR7:17862311	SSF x LoA	-10,542	-0,044	0,301
CHR7	17862364	CHR7:17862364	SSF x LoA	-9,121	0,081	0,297
CHR7	17862450	CHR7:17862450	SSF x LoA	-3,167	-0,078	0,300
CHR7	1786734	CHR7:1786734	SSF x LoA	-3,605	0,096	0,287
CHR7	17868196	CHR7:17868196	SSF x LoA	-5,734	0,152	0,296
CHR7	17868410	CHR7:17868410	SSF x LoA	-6,923	0,028	0,306
CHR7	1786890	CHR7:1786890	SSF x LoA	-7,592	-0,106	0,289
CHR7	1786911	CHR7:1786911	SSF x LoA	-8,284	0,076	0,284
CHR7	17881314	CHR7:17881314	SSF x LoA	-6,144	-0,146	0,273
CHR7	17881460	CHR7:17881460	SSF x LoA	-6,978	-0,109	0,278
CHR7	17881536	CHR7:17881536	SSF x LoA	-6,672	0,079	0,300
CHR7	17890507	CHR7:17890507	SSF x LoA	-8,075	-0,005	0,287
CHR7	17910578	CHR7:17910578	SSF x LoA	-8,453	0,028	0,282
CHR7	17910616	CHR7:17910616	SSF x LoA	-7,696	0,006	0,288
CHR7	17910635	CHR7:17910635	SSF x LoA	-9,718	0,006	0,297
CHR7	17926506	CHR7:17926506	SSF x LoA	-6,435	-0,144	0,287
CHR7	17934116	CHR7:17934116	SSF x LoA	-6,370	-0,134	0,277
CHR7	17934568	CHR7:17934568	SSF x LoA	-11,668	-0,021	0,277
CHR7	17961346	CHR7:17961346	SSF x LoA	-10,303	-0,114	0,297
CHR7	17966733	CHR7:17966733	SSF x LoA	-6,766	0,073	0,295
CHR7	17966919	CHR7:17966919	SSF x LoA	-7,492	-0,031	0,289
CHR7	17966954	CHR7:17966954	SSF x LoA	-10,509	0,084	0,290
CHR7	17970575	CHR7:17970575	SSF x LoA	-8,201	0,146	0,274
CHR7	17985121	CHR7:17985121	SSF x LoA	-8,597	0,053	0,289
CHR7	17985143	CHR7:17985143	SSF x LoA	-9,237	-0,077	0,287
CHR7	17985153	CHR7:17985153	SSF x LoA	-6,634	-0,145	0,278
CHR7	17985186	CHR7:17985186	SSF x LoA	-7,282	0,099	0,293
CHR7	17985187	CHR7:17985187	SSF x LoA	-8,103	0,067	0,289
CHR7	17985266	CHR7:17985266	SSF x LoA	-9,050	0,069	0,298

CHR7	17997755	CHR7:17997755	SSF x LoA	-5,856	-0,215	0,281
CHR7	1801261	CHR7:1801261	SSF x LoA	-10,860	0,039	0,299
CHR7	18012784	CHR7:18012784	SSF x LoA	-9,769	-0,075	0,299
CHR7	18012997	CHR7:18012997	SSF x LoA	-11,135	0,004	0,282
CHR7	1801395	CHR7:1801395	SSF x LoA	-7,642	0,091	0,299
CHR7	1801440	CHR7:1801440	SSF x LoA	-9,269	-0,041	0,292
CHR7	1803985	CHR7:1803985	SSF x LoA	-8,042	-0,005	0,302
CHR7	1804119	CHR7:1804119	SSF x LoA	-6,078	-0,051	0,305
CHR7	1804145	CHR7:1804145	SSF x LoA	-6,496	0,125	0,277
CHR7	18048617	CHR7:18048617	SSF x LoA	-4,241	-0,142	0,273
CHR7	18056689	CHR7:18056689	SSF x LoA	-9,041	0,078	0,282
CHR7	1805857	CHR7:1805857	SSF x LoA	-6,394	0,112	0,290
CHR7	18062770	CHR7:18062770	SSF x LoA	-9,856	0,033	0,290
CHR7	18062782	CHR7:18062782	SSF x LoA	-8,385	-0,070	0,287
CHR7	18064865	CHR7:18064865	SSF x LoA	-10,207	-0,061	0,290
CHR7	18072404	CHR7:18072404	SSF x LoA	-11,908	-0,004	0,284
CHR7	18081540	CHR7:18081540	SSF x LoA	-8,253	-0,098	0,284
CHR7	18081549	CHR7:18081549	SSF x LoA	-9,331	-0,022	0,278
CHR7	18081954	CHR7:18081954	SSF x LoA	-10,067	0,003	0,289
CHR7	18081990	CHR7:18081990	SSF x LoA	-8,582	0,037	0,293
CHR7	18082018	CHR7:18082018	SSF x LoA	-8,701	0,051	0,286
CHR7	1808726	CHR7:1808726	SSF x LoA	-9,830	0,083	0,278
CHR7	18087832	CHR7:18087832	SSF x LoA	-10,397	-0,013	0,290
CHR7	18087843	CHR7:18087843	SSF x LoA	-9,274	0,052	0,301
CHR7	18087878	CHR7:18087878	SSF x LoA	-6,471	-0,037	0,294
CHR7	18087884	CHR7:18087884	SSF x LoA	-9,628	0,075	0,302
CHR7	18095539	CHR7:18095539	SSF x LoA	-10,331	0,012	0,293
CHR7	1809778	CHR7:1809778	SSF x LoA	-9,422	0,020	0,276
CHR7	18099283	CHR7:18099283	SSF x LoA	-3,080	0,181	0,285
CHR7	18104910	CHR7:18104910	SSF x LoA	-9,298	0,075	0,282
CHR7	18108113	CHR7:18108113	SSF x LoA	-5,952	0,063	0,298
CHR7	18108125	CHR7:18108125	SSF x LoA	-9,526	0,057	0,286
CHR7	18108148	CHR7:18108148	SSF x LoA	-11,157	-0,035	0,285
CHR7	18119708	CHR7:18119708	SSF x LoA	-9,190	0,056	0,289
CHR7	18119726	CHR7:18119726	SSF x LoA	-8,171	-0,064	0,296
CHR7	18119749	CHR7:18119749	SSF x LoA	-9,903	0,113	0,279
CHR7	18119779	CHR7:18119779	SSF x LoA	-7,071	0,044	0,290
CHR7	18119840	CHR7:18119840	SSF x LoA	-8,477	-0,019	0,288
CHR7	18121704	CHR7:18121704	SSF x LoA	-8,863	-0,095	0,276
CHR7	18121721	CHR7:18121721	SSF x LoA	-5,103	0,103	0,290
CHR7	18121730	CHR7:18121730	SSF x LoA	-9,200	0,075	0,291
CHR7	18121737	CHR7:18121737	SSF x LoA	-8,429	0,081	0,292
CHR7	18121798	CHR7:18121798	SSF x LoA	-4,390	-0,033	0,290
CHR7	18121814	CHR7:18121814	SSF x LoA	-8,298	0,026	0,306
CHR7	18126249	CHR7:18126249	SSF x LoA	10,354	-0,252	0,283
CHR7	18126412	CHR7:18126412	SSF x LoA	-7,263	-0,162	0,276
CHR7	18126484	CHR7:18126484	SSF x LoA	-8,790	-0,041	0,282
CHR7	18126505	CHR7:18126505	SSF x LoA	-7,383	-0,126	0,287
CHR7	18126532	CHR7:18126532	SSF x LoA	-9,846	-0,145	0,294
CHR7	18126556	CHR7:18126556	SSF x LoA	-8,209	-0,086	0,294
CHR7	1812960	CHR7:1812960	SSF x LoA	-9,571	-0,102	0,272
CHR7	18135263	CHR7:18135263	SSF x LoA	-10,569	-0,028	0,274
CHR7	18135280	CHR7:18135280	SSF x LoA	-10,953	0,023	0,297

CHR7	18135350	CHR7:18135350	SSF x LoA	-9,703	0,058	0,276
CHR7	18135383	CHR7:18135383	SSF x LoA	-8,600	-0,004	0,293
CHR7	18135477	CHR7:18135477	SSF x LoA	-10,649	-0,012	0,284
CHR7	18135504	CHR7:18135504	SSF x LoA	-5,761	-0,060	0,296
CHR7	18135533	CHR7:18135533	SSF x LoA	-7,769	-0,108	0,290
CHR7	18153037	CHR7:18153037	SSF x LoA	-8,011	0,072	0,293
CHR7	18153071	CHR7:18153071	SSF x LoA	-6,806	0,111	0,285
CHR7	18153102	CHR7:18153102	SSF x LoA	-10,112	0,054	0,281
CHR7	18153187	CHR7:18153187	SSF x LoA	-7,851	-0,001	0,303
CHR7	18153234	CHR7:18153234	SSF x LoA	-9,824	0,037	0,297
CHR7	1816727	CHR7:1816727	SSF x LoA	-2,362	-0,001	0,268
CHR7	1816817	CHR7:1816817	SSF x LoA	-8,900	0,041	0,272
CHR7	1816872	CHR7:1816872	SSF x LoA	-8,299	-0,149	0,282
CHR7	18168866	CHR7:18168866	SSF x LoA	-3,745	0,206	0,271
CHR7	1816890	CHR7:1816890	SSF x LoA	-9,296	-0,059	0,286
CHR7	18187002	CHR7:18187002	SSF x LoA	-8,406	0,019	0,274
CHR7	18191068	CHR7:18191068	SSF x LoA	-10,056	0,042	0,285
CHR7	18198084	CHR7:18198084	SSF x LoA	-7,738	-0,043	0,296
CHR7	18199629	CHR7:18199629	SSF x LoA	-10,336	0,016	0,288
CHR7	18203002	CHR7:18203002	SSF x LoA	-7,999	-0,144	0,288
CHR7	18222754	CHR7:18222754	SSF x LoA	-10,774	-0,015	0,289
CHR7	18222755	CHR7:18222755	SSF x LoA	-7,508	-0,087	0,302
CHR7	18222759	CHR7:18222759	SSF x LoA	-9,300	-0,050	0,286
CHR7	18226869	CHR7:18226869	SSF x LoA	-9,349	-0,085	0,294
CHR7	18226906	CHR7:18226906	SSF x LoA	-11,021	0,110	0,287
CHR7	18226950	CHR7:18226950	SSF x LoA	-9,250	0,072	0,276
CHR7	18226951	CHR7:18226951	SSF x LoA	-9,743	0,065	0,291
CHR7	18226996	CHR7:18226996	SSF x LoA	-9,000	-0,064	0,288
CHR7	18227098	CHR7:18227098	SSF x LoA	-7,539	-0,046	0,288
CHR7	18227125	CHR7:18227125	SSF x LoA	-9,543	-0,134	0,286
CHR7	18227147	CHR7:18227147	SSF x LoA	-10,584	-0,077	0,281
CHR7	18227254	CHR7:18227254	SSF x LoA	-8,459	-0,165	0,277
CHR7	18229974	CHR7:18229974	SSF x LoA	-7,917	-0,064	0,277
CHR7	18230005	CHR7:18230005	SSF x LoA	-6,169	-0,119	0,281
CHR7	18230096	CHR7:18230096	SSF x LoA	-10,466	-0,017	0,294
CHR7	18230191	CHR7:18230191	SSF x LoA	-7,204	-0,143	0,287
CHR7	18230242	CHR7:18230242	SSF x LoA	-11,485	0,006	0,287
CHR7	18231998	CHR7:18231998	SSF x LoA	-8,298	-0,042	0,305
CHR7	18232071	CHR7:18232071	SSF x LoA	-8,301	-0,069	0,281
CHR7	18232102	CHR7:18232102	SSF x LoA	-8,773	-0,064	0,285
CHR7	18232128	CHR7:18232128	SSF x LoA	-5,091	-0,116	0,291
CHR7	18232144	CHR7:18232144	SSF x LoA	-7,438	-0,150	0,276
CHR7	18232181	CHR7:18232181	SSF x LoA	-10,523	-0,058	0,271
CHR7	18235304	CHR7:18235304	SSF x LoA	-5,305	-0,064	0,295
CHR7	18235460	CHR7:18235460	SSF x LoA	-11,588	-0,058	0,281
CHR7	18238501	CHR7:18238501	SSF x LoA	-10,396	-0,030	0,287
CHR7	18238539	CHR7:18238539	SSF x LoA	-8,703	0,006	0,281
CHR7	18238582	CHR7:18238582	SSF x LoA	-9,003	-0,021	0,288
CHR7	18266338	CHR7:18266338	SSF x LoA	-10,568	0,014	0,279
CHR7	18266347	CHR7:18266347	SSF x LoA	-9,795	0,021	0,284
CHR7	18266402	CHR7:18266402	SSF x LoA	-10,275	0,014	0,281
CHR7	1828904	CHR7:1828904	SSF x LoA	-6,476	0,125	0,293
CHR7	1828967	CHR7:1828967	SSF x LoA	-6,948	-0,092	0,292

CHR7	1828979	CHR7:1828979	SSF x LoA	-5,661	-0,106	0,285
CHR7	1829577	CHR7:1829577	SSF x LoA	-7,355	-0,043	0,300
CHR7	1829638	CHR7:1829638	SSF x LoA	-6,514	0,011	0,307
CHR7	18303737	CHR7:18303737	SSF x LoA	-7,089	0,077	0,289
CHR7	18303766	CHR7:18303766	SSF x LoA	-6,289	-0,172	0,277
CHR7	18303809	CHR7:18303809	SSF x LoA	-9,144	0,037	0,273
CHR7	18313906	CHR7:18313906	SSF x LoA	-4,669	0,245	0,292
CHR7	18314018	CHR7:18314018	SSF x LoA	-6,670	0,219	0,283
CHR7	18314031	CHR7:18314031	SSF x LoA	-9,360	-0,063	0,278
CHR7	18314169	CHR7:18314169	SSF x LoA	-8,919	-0,096	0,286
CHR7	18317259	CHR7:18317259	SSF x LoA	-11,157	-0,007	0,283
CHR7	18318722	CHR7:18318722	SSF x LoA	-8,934	0,026	0,300
CHR7	18318860	CHR7:18318860	SSF x LoA	-9,294	0,087	0,293
CHR7	18318892	CHR7:18318892	SSF x LoA	-7,462	0,162	0,282
CHR7	18319031	CHR7:18319031	SSF x LoA	-10,303	0,019	0,306
CHR7	18393122	CHR7:18393122	SSF x LoA	-7,344	0,005	0,315
CHR7	18393246	CHR7:18393246	SSF x LoA	-8,558	0,004	0,291
CHR7	18393481	CHR7:18393481	SSF x LoA	-10,421	-0,046	0,292
CHR7	18402351	CHR7:18402351	SSF x LoA	-8,268	-0,029	0,303
CHR7	18402425	CHR7:18402425	SSF x LoA	-9,119	-0,021	0,288
CHR7	18402561	CHR7:18402561	SSF x LoA	-11,032	0,004	0,273
CHR7	18405360	CHR7:18405360	SSF x LoA	-7,084	-0,120	0,276
CHR7	18405364	CHR7:18405364	SSF x LoA	-7,939	-0,143	0,283
CHR7	18405387	CHR7:18405387	SSF x LoA	-8,171	-0,132	0,274
CHR7	18405390	CHR7:18405390	SSF x LoA	-11,622	0,035	0,291
CHR7	18405397	CHR7:18405397	SSF x LoA	-7,691	-0,111	0,289
CHR7	18405429	CHR7:18405429	SSF x LoA	-7,002	0,118	0,295
CHR7	18405434	CHR7:18405434	SSF x LoA	-9,694	0,120	0,279
CHR7	18405435	CHR7:18405435	SSF x LoA	-10,890	0,068	0,288
CHR7	18405438	CHR7:18405438	SSF x LoA	-7,803	0,117	0,290
CHR7	18411901	CHR7:18411901	SSF x LoA	-8,622	-0,091	0,288
CHR7	18411937	CHR7:18411937	SSF x LoA	-9,776	-0,036	0,289
CHR7	18418881	CHR7:18418881	SSF x LoA	-7,966	-0,111	0,277
CHR7	18444654	CHR7:18444654	SSF x LoA	-10,427	0,003	0,280
CHR7	18445404	CHR7:18445404	SSF x LoA	-9,546	-0,037	0,302
CHR7	18445476	CHR7:18445476	SSF x LoA	-8,333	0,060	0,286
CHR7	18445554	CHR7:18445554	SSF x LoA	-8,572	-0,078	0,290
CHR7	18445590	CHR7:18445590	SSF x LoA	-7,041	-0,085	0,291
CHR7	1845028	CHR7:1845028	SSF x LoA	-6,551	-0,170	0,282
CHR7	18451236	CHR7:18451236	SSF x LoA	-8,125	-0,063	0,279
CHR7	18451240	CHR7:18451240	SSF x LoA	-5,785	-0,101	0,297
CHR7	18451309	CHR7:18451309	SSF x LoA	-7,604	-0,100	0,271
CHR7	18451432	CHR7:18451432	SSF x LoA	-7,389	-0,096	0,288
CHR7	18451458	CHR7:18451458	SSF x LoA	-7,784	0,053	0,285
CHR7	18451464	CHR7:18451464	SSF x LoA	-7,669	-0,031	0,306
CHR7	18451475	CHR7:18451475	SSF x LoA	-10,007	-0,012	0,280
CHR7	1846765	CHR7:1846765	SSF x LoA	-5,996	0,028	0,304
CHR7	18540100	CHR7:18540100	SSF x LoA	-8,578	0,022	0,285
CHR7	18558759	CHR7:18558759	SSF x LoA	-10,581	0,031	0,299
CHR7	18558762	CHR7:18558762	SSF x LoA	-10,111	-0,004	0,286
CHR7	18558767	CHR7:18558767	SSF x LoA	-11,231	0,049	0,283
CHR7	18562286	CHR7:18562286	SSF x LoA	-11,126	-0,031	0,294
CHR7	18577904	CHR7:18577904	SSF x LoA	-7,699	-0,027	0,298

CHR7	18578007	CHR7:18578007	SSF x LoA	-7,115	0,091	0,294
CHR7	18578011	CHR7:18578011	SSF x LoA	-7,544	0,107	0,284
CHR7	18596594	CHR7:18596594	SSF x LoA	-7,313	0,067	0,299
CHR7	18596649	CHR7:18596649	SSF x LoA	-9,737	-0,056	0,292
CHR7	1860120	CHR7:1860120	SSF x LoA	-8,012	0,005	0,298
CHR7	1860122	CHR7:1860122	SSF x LoA	-9,847	-0,050	0,289
CHR7	18604193	CHR7:18604193	SSF x LoA	-9,274	0,097	0,277
CHR7	1861402	CHR7:1861402	SSF x LoA	-9,759	-0,009	0,293
CHR7	1861517	CHR7:1861517	SSF x LoA	-11,952	-0,044	0,274
CHR7	1861522	CHR7:1861522	SSF x LoA	-11,143	0,006	0,281
CHR7	1861593	CHR7:1861593	SSF x LoA	-10,937	0,010	0,284
CHR7	1861741	CHR7:1861741	SSF x LoA	-10,815	0,040	0,290
CHR7	1862594	CHR7:1862594	SSF x LoA	-9,089	-0,018	0,281
CHR7	1862676	CHR7:1862676	SSF x LoA	-10,965	0,010	0,287
CHR7	1862678	CHR7:1862678	SSF x LoA	-8,308	0,110	0,291
CHR7	1862685	CHR7:1862685	SSF x LoA	-6,763	-0,175	0,261
CHR7	1862697	CHR7:1862697	SSF x LoA	-8,179	-0,177	0,271
CHR7	18643649	CHR7:18643649	SSF x LoA	-6,387	0,137	0,296
CHR7	18643660	CHR7:18643660	SSF x LoA	-10,240	0,062	0,294
CHR7	18643713	CHR7:18643713	SSF x LoA	-7,757	-0,085	0,288
CHR7	18643724	CHR7:18643724	SSF x LoA	-4,306	-0,087	0,296
CHR7	18643726	CHR7:18643726	SSF x LoA	-9,067	0,101	0,298
CHR7	18643728	CHR7:18643728	SSF x LoA	-9,458	-0,143	0,271
CHR7	18643808	CHR7:18643808	SSF x LoA	-10,557	-0,057	0,298
CHR7	1868518	CHR7:1868518	SSF x LoA	-7,642	0,014	0,289
CHR7	1868573	CHR7:1868573	SSF x LoA	-11,014	-0,025	0,290
CHR7	1868746	CHR7:1868746	SSF x LoA	-8,577	-0,022	0,292
CHR7	1868768	CHR7:1868768	SSF x LoA	-10,845	-0,107	0,282
CHR7	1868774	CHR7:1868774	SSF x LoA	-8,580	-0,055	0,290
CHR7	18700755	CHR7:18700755	SSF x LoA	-8,916	-0,058	0,287
CHR7	18700792	CHR7:18700792	SSF x LoA	-8,546	0,068	0,281
CHR7	18711679	CHR7:18711679	SSF x LoA	-7,673	-0,005	0,291
CHR7	18711727	CHR7:18711727	SSF x LoA	-9,012	0,049	0,298
CHR7	18711750	CHR7:18711750	SSF x LoA	-8,253	0,034	0,308
CHR7	18714702	CHR7:18714702	SSF x LoA	-10,326	0,019	0,291
CHR7	18737264	CHR7:18737264	SSF x LoA	-9,122	0,137	0,285
CHR7	18737527	CHR7:18737527	SSF x LoA	-11,322	0,074	0,295
CHR7	18737584	CHR7:18737584	SSF x LoA	-8,466	-0,033	0,280
CHR7	18752693	CHR7:18752693	SSF x LoA	-7,442	-0,053	0,295
CHR7	18752702	CHR7:18752702	SSF x LoA	-6,385	-0,038	0,296
CHR7	18752736	CHR7:18752736	SSF x LoA	-7,834	0,066	0,297
CHR7	18752804	CHR7:18752804	SSF x LoA	-7,630	0,080	0,296
CHR7	18752820	CHR7:18752820	SSF x LoA	-8,913	0,067	0,299
CHR7	18752935	CHR7:18752935	SSF x LoA	-6,757	0,158	0,296
CHR7	18753115	CHR7:18753115	SSF x LoA	-10,537	-0,135	0,279
CHR7	18775668	CHR7:18775668	SSF x LoA	-7,492	-0,001	0,294
CHR7	18775692	CHR7:18775692	SSF x LoA	-7,821	0,033	0,290
CHR7	1877923	CHR7:1877923	SSF x LoA	-9,636	0,001	0,295
CHR7	18813507	CHR7:18813507	SSF x LoA	-8,676	0,082	0,301
CHR7	18813651	CHR7:18813651	SSF x LoA	-8,506	0,086	0,298
CHR7	18817090	CHR7:18817090	SSF x LoA	-9,116	0,051	0,281
CHR7	18817095	CHR7:18817095	SSF x LoA	-6,877	-0,129	0,299
CHR7	18817122	CHR7:18817122	SSF x LoA	-8,086	-0,197	0,258

CHR7	18817190	CHR7:18817190	SSF x LoA	-7,291	-0,010	0,302
CHR7	18817211	CHR7:18817211	SSF x LoA	1,949	-0,173	0,286
CHR7	18823179	CHR7:18823179	SSF x LoA	-9,614	-0,088	0,287
CHR7	18823184	CHR7:18823184	SSF x LoA	-9,828	-0,056	0,281
CHR7	18823186	CHR7:18823186	SSF x LoA	-6,494	-0,100	0,302
CHR7	18823205	CHR7:18823205	SSF x LoA	-9,497	-0,063	0,289
CHR7	18823209	CHR7:18823209	SSF x LoA	-10,469	-0,077	0,295
CHR7	18823273	CHR7:18823273	SSF x LoA	-8,160	0,013	0,292
CHR7	18832370	CHR7:18832370	SSF x LoA	-10,568	0,015	0,292
CHR7	18841994	CHR7:18841994	SSF x LoA	-10,847	0,078	0,287
CHR7	18842127	CHR7:18842127	SSF x LoA	-6,377	0,164	0,271
CHR7	18851134	CHR7:18851134	SSF x LoA	-8,395	-0,032	0,283
CHR7	18872430	CHR7:18872430	SSF x LoA	-8,415	-0,089	0,295
CHR7	18872439	CHR7:18872439	SSF x LoA	-9,546	-0,082	0,284
CHR7	18872538	CHR7:18872538	SSF x LoA	-10,653	-0,046	0,285
CHR7	18872663	CHR7:18872663	SSF x LoA	-8,350	-0,049	0,299
CHR7	18887098	CHR7:18887098	SSF x LoA	-7,837	-0,085	0,280
CHR7	18887172	CHR7:18887172	SSF x LoA	-6,907	0,122	0,290
CHR7	18887319	CHR7:18887319	SSF x LoA	-7,595	0,019	0,291
CHR7	1891179	CHR7:1891179	SSF x LoA	-6,109	-0,081	0,289
CHR7	18912271	CHR7:18912271	SSF x LoA	-10,618	-0,008	0,284
CHR7	1891229	CHR7:1891229	SSF x LoA	-7,677	-0,050	0,290
CHR7	18946757	CHR7:18946757	SSF x LoA	-8,700	0,096	0,290
CHR7	18952345	CHR7:18952345	SSF x LoA	6,466	-0,024	0,300
CHR7	18970007	CHR7:18970007	SSF x LoA	-6,041	0,126	0,288
CHR7	18970029	CHR7:18970029	SSF x LoA	-6,331	0,155	0,295
CHR7	18970052	CHR7:18970052	SSF x LoA	-8,198	0,051	0,300
CHR7	18970101	CHR7:18970101	SSF x LoA	-7,910	0,069	0,292
CHR7	18970191	CHR7:18970191	SSF x LoA	-7,181	0,122	0,288
CHR7	18970192	CHR7:18970192	SSF x LoA	-8,707	-0,017	0,286
CHR7	18970323	CHR7:18970323	SSF x LoA	-7,665	-0,043	0,282
CHR7	18970370	CHR7:18970370	SSF x LoA	-5,634	0,178	0,283
CHR7	18970388	CHR7:18970388	SSF x LoA	-4,809	0,172	0,276
CHR7	18970391	CHR7:18970391	SSF x LoA	-7,062	0,153	0,281
CHR7	18970396	CHR7:18970396	SSF x LoA	-6,606	0,166	0,288
CHR7	18970403	CHR7:18970403	SSF x LoA	-10,047	-0,093	0,280
CHR7	18988503	CHR7:18988503	SSF x LoA	-10,263	-0,093	0,295
CHR7	18996306	CHR7:18996306	SSF x LoA	-9,034	-0,053	0,290
CHR7	19021881	CHR7:19021881	SSF x LoA	-7,284	-0,004	0,301
CHR7	19021936	CHR7:19021936	SSF x LoA	-6,627	-0,074	0,283
CHR7	19022781	CHR7:19022781	SSF x LoA	-5,371	0,080	0,306
CHR7	19022790	CHR7:19022790	SSF x LoA	-8,502	-0,078	0,282
CHR7	19022793	CHR7:19022793	SSF x LoA	-7,940	-0,033	0,295
CHR7	19022828	CHR7:19022828	SSF x LoA	-4,932	0,202	0,273
CHR7	19022848	CHR7:19022848	SSF x LoA	-8,135	0,044	0,292
CHR7	19022852	CHR7:19022852	SSF x LoA	-5,609	0,201	0,277
CHR7	19041029	CHR7:19041029	SSF x LoA	-11,688	0,040	0,287
CHR7	19054606	CHR7:19054606	SSF x LoA	-6,360	-0,116	0,293
CHR7	19054687	CHR7:19054687	SSF x LoA	-8,321	-0,110	0,286
CHR7	19054784	CHR7:19054784	SSF x LoA	-8,649	0,151	0,299
CHR7	19060653	CHR7:19060653	SSF x LoA	-8,161	0,192	0,276
CHR7	19060823	CHR7:19060823	SSF x LoA	-8,824	0,082	0,296
CHR7	19060832	CHR7:19060832	SSF x LoA	-4,205	0,082	0,292

CHR7	19079517	CHR7:19079517	SSF x LoA	-7,764	-0,136	0,279
CHR7	19079527	CHR7:19079527	SSF x LoA	-7,832	0,089	0,293
CHR7	19079532	CHR7:19079532	SSF x LoA	-7,414	-0,123	0,278
CHR7	19079603	CHR7:19079603	SSF x LoA	-8,852	0,058	0,270
CHR7	19079604	CHR7:19079604	SSF x LoA	-5,238	0,060	0,284
CHR7	19079610	CHR7:19079610	SSF x LoA	-5,502	0,039	0,281
CHR7	19084470	CHR7:19084470	SSF x LoA	-10,531	0,043	0,290
CHR7	19084482	CHR7:19084482	SSF x LoA	-9,524	-0,002	0,294
CHR7	19084518	CHR7:19084518	SSF x LoA	-0,722	-0,298	0,252
CHR7	19097341	CHR7:19097341	SSF x LoA	-10,445	0,040	0,290
CHR7	19130038	CHR7:19130038	SSF x LoA	-5,524	0,105	0,295
CHR7	19130076	CHR7:19130076	SSF x LoA	-9,813	0,063	0,291
CHR7	19131200	CHR7:19131200	SSF x LoA	-8,877	-0,047	0,288
CHR7	19136195	CHR7:19136195	SSF x LoA	-7,433	0,068	0,290
CHR7	19136308	CHR7:19136308	SSF x LoA	-9,837	0,023	0,284
CHR7	19136465	CHR7:19136465	SSF x LoA	-8,733	-0,009	0,300
CHR7	19136473	CHR7:19136473	SSF x LoA	-10,300	-0,017	0,288
CHR7	19139530	CHR7:19139530	SSF x LoA	-7,913	-0,164	0,291
CHR7	19139727	CHR7:19139727	SSF x LoA	-9,701	0,066	0,290
CHR7	19151623	CHR7:19151623	SSF x LoA	-7,717	-0,016	0,297
CHR7	19151691	CHR7:19151691	SSF x LoA	-4,885	-0,096	0,281
CHR7	19154042	CHR7:19154042	SSF x LoA	-10,743	0,026	0,289
CHR7	19154291	CHR7:19154291	SSF x LoA	-9,159	-0,017	0,286
CHR7	1915879	CHR7:1915879	SSF x LoA	-7,898	0,076	0,279
CHR7	19160226	CHR7:19160226	SSF x LoA	-9,297	0,168	0,279
CHR7	1916042	CHR7:1916042	SSF x LoA	-9,854	-0,091	0,290
CHR7	19161310	CHR7:19161310	SSF x LoA	-5,366	0,171	0,280
CHR7	1917011	CHR7:1917011	SSF x LoA	-10,091	-0,088	0,293
CHR7	1917014	CHR7:1917014	SSF x LoA	-10,997	-0,086	0,283
CHR7	1917015	CHR7:1917015	SSF x LoA	-10,493	-0,073	0,272
CHR7	19181996	CHR7:19181996	SSF x LoA	-8,955	0,097	0,284
CHR7	19184408	CHR7:19184408	SSF x LoA	-6,854	-0,036	0,288
CHR7	19184639	CHR7:19184639	SSF x LoA	-10,906	0,015	0,294
CHR7	19192388	CHR7:19192388	SSF x LoA	-9,065	-0,157	0,284
CHR7	19192517	CHR7:19192517	SSF x LoA	-9,502	-0,020	0,301
CHR7	19207754	CHR7:19207754	SSF x LoA	-9,254	-0,010	0,304
CHR7	19207796	CHR7:19207796	SSF x LoA	-9,138	0,012	0,290
CHR7	19248330	CHR7:19248330	SSF x LoA	-6,779	0,047	0,296
CHR7	19249662	CHR7:19249662	SSF x LoA	-7,781	0,071	0,281
CHR7	19249711	CHR7:19249711	SSF x LoA	-9,381	-0,017	0,271
CHR7	19257477	CHR7:19257477	SSF x LoA	-8,541	0,057	0,300
CHR7	19257505	CHR7:19257505	SSF x LoA	-8,635	-0,006	0,297
CHR7	19257543	CHR7:19257543	SSF x LoA	-5,739	-0,126	0,276
CHR7	19257544	CHR7:19257544	SSF x LoA	-9,610	-0,077	0,292
CHR7	19257609	CHR7:19257609	SSF x LoA	-10,045	0,018	0,290
CHR7	19257774	CHR7:19257774	SSF x LoA	-7,480	0,035	0,298
CHR7	19261780	CHR7:19261780	SSF x LoA	-10,545	-0,042	0,290
CHR7	19283161	CHR7:19283161	SSF x LoA	-8,966	-0,156	0,269
CHR7	19283244	CHR7:19283244	SSF x LoA	-9,841	-0,003	0,288
CHR7	19283289	CHR7:19283289	SSF x LoA	0,988	-0,221	0,300
CHR7	19295755	CHR7:19295755	SSF x LoA	-11,541	-0,004	0,291
CHR7	19296463	CHR7:19296463	SSF x LoA	-9,125	-0,098	0,277
CHR7	19296494	CHR7:19296494	SSF x LoA	-7,900	-0,094	0,280

CHR7	19296544	CHR7:19296544	SSF x LoA	-8,004	-0,023	0,293
CHR7	19297709	CHR7:19297709	SSF x LoA	-9,605	-0,153	0,277
CHR7	19300516	CHR7:19300516	SSF x LoA	-8,390	0,191	0,260
CHR7	19304265	CHR7:19304265	SSF x LoA	-11,804	0,052	0,283
CHR7	19304275	CHR7:19304275	SSF x LoA	-9,660	0,047	0,295
CHR7	19304359	CHR7:19304359	SSF x LoA	-9,464	0,085	0,286
CHR7	19304380	CHR7:19304380	SSF x LoA	-11,946	-0,007	0,265
CHR7	19304404	CHR7:19304404	SSF x LoA	-10,386	-0,015	0,294
CHR7	19304520	CHR7:19304520	SSF x LoA	-10,168	0,021	0,299
CHR7	19311238	CHR7:19311238	SSF x LoA	-9,464	0,047	0,278
CHR7	19311259	CHR7:19311259	SSF x LoA	-8,902	0,027	0,291
CHR7	19348180	CHR7:19348180	SSF x LoA	-7,779	0,064	0,290
CHR7	19348306	CHR7:19348306	SSF x LoA	-6,132	0,129	0,279
CHR7	19348462	CHR7:19348462	SSF x LoA	-10,544	0,003	0,277
CHR7	19348472	CHR7:19348472	SSF x LoA	-10,784	-0,008	0,276
CHR7	19352023	CHR7:19352023	SSF x LoA	-7,188	-0,051	0,297
CHR7	19352097	CHR7:19352097	SSF x LoA	-7,478	-0,085	0,301
CHR7	19402519	CHR7:19402519	SSF x LoA	-9,254	-0,020	0,287
CHR7	19407244	CHR7:19407244	SSF x LoA	-7,481	-0,017	0,298
CHR7	19407261	CHR7:19407261	SSF x LoA	-9,379	0,008	0,288
CHR7	19407262	CHR7:19407262	SSF x LoA	-8,365	-0,037	0,291
CHR7	19407292	CHR7:19407292	SSF x LoA	-8,460	-0,006	0,295
CHR7	19407388	CHR7:19407388	SSF x LoA	-10,337	-0,003	0,305
CHR7	19407460	CHR7:19407460	SSF x LoA	-7,714	0,088	0,286
CHR7	19407538	CHR7:19407538	SSF x LoA	-4,431	0,172	0,294
CHR7	19407550	CHR7:19407550	SSF x LoA	-9,545	-0,007	0,287
CHR7	19415635	CHR7:19415635	SSF x LoA	-7,608	-0,151	0,286
CHR7	19415736	CHR7:19415736	SSF x LoA	-9,742	0,024	0,290
CHR7	19415745	CHR7:19415745	SSF x LoA	0,341	-0,039	0,305
CHR7	19420235	CHR7:19420235	SSF x LoA	-7,129	-0,234	0,273
CHR7	19420342	CHR7:19420342	SSF x LoA	-10,996	0,029	0,282
CHR7	19420409	CHR7:19420409	SSF x LoA	-8,189	-0,021	0,302
CHR7	19420445	CHR7:19420445	SSF x LoA	-8,784	0,010	0,285
CHR7	19420446	CHR7:19420446	SSF x LoA	-8,409	0,000	0,277
CHR7	19421285	CHR7:19421285	SSF x LoA	-5,945	-0,058	0,294
CHR7	19423126	CHR7:19423126	SSF x LoA	-8,249	-0,108	0,284
CHR7	19423300	CHR7:19423300	SSF x LoA	-10,143	0,008	0,281
CHR7	19427320	CHR7:19427320	SSF x LoA	-9,823	-0,036	0,289
CHR7	19430705	CHR7:19430705	SSF x LoA	-8,089	0,066	0,283
CHR7	19430749	CHR7:19430749	SSF x LoA	-10,388	-0,052	0,301
CHR7	19431124	CHR7:19431124	SSF x LoA	-8,083	-0,041	0,299
CHR7	19431193	CHR7:19431193	SSF x LoA	-6,959	0,050	0,286
CHR7	19431228	CHR7:19431228	SSF x LoA	-10,848	-0,117	0,281
CHR7	1943479	CHR7:1943479	SSF x LoA	-9,531	0,025	0,280
CHR7	19441768	CHR7:19441768	SSF x LoA	-7,396	-0,088	0,286
CHR7	19448242	CHR7:19448242	SSF x LoA	-11,149	-0,012	0,274
CHR7	19448565	CHR7:19448565	SSF x LoA	-10,819	0,005	0,267
CHR7	19454303	CHR7:19454303	SSF x LoA	-6,844	-0,175	0,288
CHR7	19454356	CHR7:19454356	SSF x LoA	-8,590	-0,083	0,286
CHR7	19454502	CHR7:19454502	SSF x LoA	-7,611	-0,126	0,281
CHR7	19461384	CHR7:19461384	SSF x LoA	-7,861	-0,097	0,294
CHR7	19462644	CHR7:19462644	SSF x LoA	-6,069	-0,139	0,273
CHR7	19468744	CHR7:19468744	SSF x LoA	-7,876	0,051	0,299

CHR7	19468815	CHR7:19468815	SSF x LoA	-10,511	0,023	0,282
CHR7	19468855	CHR7:19468855	SSF x LoA	-6,165	-0,154	0,287
CHR7	19468941	CHR7:19468941	SSF x LoA	-8,557	0,000	0,295
CHR7	19468953	CHR7:19468953	SSF x LoA	-6,529	-0,189	0,262
CHR7	19469645	CHR7:19469645	SSF x LoA	-8,508	-0,036	0,296
CHR7	19469659	CHR7:19469659	SSF x LoA	-7,178	-0,042	0,286
CHR7	19469706	CHR7:19469706	SSF x LoA	-10,177	0,043	0,273
CHR7	19479610	CHR7:19479610	SSF x LoA	-8,200	-0,006	0,286
CHR7	1948428	CHR7:1948428	SSF x LoA	-8,754	0,094	0,285
CHR7	1949516	CHR7:1949516	SSF x LoA	-10,233	-0,035	0,291
CHR7	1949579	CHR7:1949579	SSF x LoA	-9,260	-0,049	0,303
CHR7	2E+07	CHR7:19503296	SSF x LoA	-7,824	-0,021	0,286
CHR7	2E+07	CHR7:19503330	SSF x LoA	-2,648	-0,136	0,290
CHR7	2E+07	CHR7:19504765	SSF x LoA	-1,030	0,178	0,288
CHR7	2E+07	CHR7:19507678	SSF x LoA	-9,454	-0,139	0,268
CHR7	2E+07	CHR7:19507766	SSF x LoA	-9,745	0,001	0,288
CHR7	2E+07	CHR7:19507915	SSF x LoA	-8,392	-0,014	0,280
CHR7	2E+07	CHR7:19535402	SSF x LoA	-8,558	-0,054	0,280
CHR7	2E+07	CHR7:19535403	SSF x LoA	-8,473	-0,066	0,292
CHR7	2E+07	CHR7:19535501	SSF x LoA	-8,746	-0,113	0,293
CHR7	2E+07	CHR7:19535641	SSF x LoA	11,395	-0,104	0,294
CHR7	2E+07	CHR7:19543593	SSF x LoA	-8,335	0,023	0,288
CHR7	2E+07	CHR7:19543605	SSF x LoA	-10,791	-0,062	0,286
CHR7	2E+07	CHR7:19543615	SSF x LoA	-7,824	-0,080	0,293
CHR7	2E+07	CHR7:19543739	SSF x LoA	-8,528	-0,090	0,281
CHR7	2E+07	CHR7:19543743	SSF x LoA	-7,314	-0,110	0,272
CHR7	2E+07	CHR7:19543753	SSF x LoA	-9,144	0,000	0,301
CHR7	2E+07	CHR7:19543758	SSF x LoA	-7,262	-0,101	0,293
CHR7	2E+07	CHR7:19543792	SSF x LoA	-9,965	0,105	0,294
CHR7	2E+07	CHR7:19543804	SSF x LoA	-9,381	0,061	0,288
CHR7	2E+07	CHR7:19543805	SSF x LoA	-7,683	0,048	0,282
CHR7	2E+07	CHR7:19543819	SSF x LoA	-10,316	0,092	0,285
CHR7	2E+07	CHR7:19573189	SSF x LoA	-9,614	0,111	0,286
CHR7	2E+07	CHR7:19594919	SSF x LoA	-9,370	-0,084	0,288
CHR7	2E+07	CHR7:19594938	SSF x LoA	-8,147	-0,102	0,299
CHR7	2E+07	CHR7:19594970	SSF x LoA	-8,620	0,000	0,284
CHR7	2E+07	CHR7:19594994	SSF x LoA	-6,107	0,043	0,285
CHR7	2E+07	CHR7:19595008	SSF x LoA	-9,681	0,047	0,289
CHR7	2E+07	CHR7:19595018	SSF x LoA	-7,519	0,145	0,276
CHR7	2E+07	CHR7:19600057	SSF x LoA	-6,529	0,130	0,290
CHR7	2E+07	CHR7:19600079	SSF x LoA	-9,876	-0,099	0,292
CHR7	2E+07	CHR7:19600087	SSF x LoA	-7,473	-0,116	0,290
CHR7	2E+07	CHR7:19600167	SSF x LoA	-8,948	0,012	0,296
CHR7	2E+07	CHR7:19600327	SSF x LoA	-8,191	0,012	0,296
CHR7	2E+07	CHR7:19600358	SSF x LoA	-7,923	0,033	0,293
CHR7	2E+07	CHR7:19604390	SSF x LoA	-6,693	0,046	0,295
CHR7	2E+07	CHR7:19604397	SSF x LoA	-8,646	-0,107	0,287
CHR7	2E+07	CHR7:19604428	SSF x LoA	-7,910	-0,163	0,282
CHR7	2E+07	CHR7:19604436	SSF x LoA	-6,363	0,056	0,287
CHR7	2E+07	CHR7:19604456	SSF x LoA	-8,840	0,037	0,289
CHR7	2E+07	CHR7:19604479	SSF x LoA	-8,513	-0,092	0,295
CHR7	2E+07	CHR7:19609013	SSF x LoA	-9,260	-0,124	0,276
CHR7	2E+07	CHR7:19609709	SSF x LoA	-9,384	0,161	0,279

CHR7	2E+07	CHR7:19609720	SSF x LoA	-7,971	-0,027	0,283
CHR7	2E+07	CHR7:19609873	SSF x LoA	-9,594	0,143	0,288
CHR7	2E+07	CHR7:19614605	SSF x LoA	-6,936	0,168	0,282
CHR7	2E+07	CHR7:19614689	SSF x LoA	-8,392	0,103	0,287
CHR7	2E+07	CHR7:19614718	SSF x LoA	-6,429	-0,088	0,272
CHR7	2E+07	CHR7:19614793	SSF x LoA	-9,707	0,043	0,276
CHR7	2E+07	CHR7:19614802	SSF x LoA	-9,350	0,002	0,294
CHR7	2E+07	CHR7:19615000	SSF x LoA	-9,945	-0,018	0,292
CHR7	2E+07	CHR7:19618933	SSF x LoA	-10,925	0,006	0,286
CHR7	2E+07	CHR7:19618983	SSF x LoA	-7,269	-0,087	0,288
CHR7	2E+07	CHR7:19619040	SSF x LoA	-4,245	-0,077	0,318
CHR7	2E+07	CHR7:19624777	SSF x LoA	-8,537	-0,030	0,284
CHR7	196631	CHR7:196631	SSF x LoA	-10,631	0,059	0,303
CHR7	2E+07	CHR7:19667687	SSF x LoA	-9,134	0,083	0,285
CHR7	2E+07	CHR7:19667728	SSF x LoA	-10,395	0,084	0,269
CHR7	2E+07	CHR7:19667741	SSF x LoA	-10,193	-0,045	0,288
CHR7	2E+07	CHR7:19668243	SSF x LoA	-8,499	0,002	0,291
CHR7	2E+07	CHR7:19682074	SSF x LoA	-11,064	0,028	0,280
CHR7	2E+07	CHR7:19682088	SSF x LoA	-8,032	0,034	0,286
CHR7	2E+07	CHR7:19682089	SSF x LoA	-6,902	0,055	0,308
CHR7	2E+07	CHR7:19682113	SSF x LoA	-3,463	0,028	0,300
CHR7	2E+07	CHR7:19682163	SSF x LoA	-8,551	0,062	0,305
CHR7	2E+07	CHR7:19682221	SSF x LoA	-10,149	0,074	0,285
CHR7	2E+07	CHR7:19687074	SSF x LoA	-10,061	-0,017	0,284
CHR7	2E+07	CHR7:19687214	SSF x LoA	-9,779	-0,056	0,294
CHR7	2E+07	CHR7:19687229	SSF x LoA	-7,915	0,068	0,284
CHR7	2E+07	CHR7:19687311	SSF x LoA	-8,390	0,046	0,290
CHR7	2E+07	CHR7:19688979	SSF x LoA	-9,976	-0,051	0,287
CHR7	2E+07	CHR7:19689020	SSF x LoA	-9,754	0,120	0,280
CHR7	2E+07	CHR7:19689123	SSF x LoA	-6,703	0,004	0,303
CHR7	1969293	CHR7:1969293	SSF x LoA	-10,422	0,046	0,295
CHR7	2E+07	CHR7:19703591	SSF x LoA	-11,059	0,014	0,290
CHR7	2E+07	CHR7:19703610	SSF x LoA	-9,160	0,053	0,299
CHR7	2E+07	CHR7:19703882	SSF x LoA	-8,672	0,067	0,292
CHR7	2E+07	CHR7:19717866	SSF x LoA	-8,543	-0,034	0,291
CHR7	1975035	CHR7:1975035	SSF x LoA	-8,200	0,012	0,308
CHR7	2E+07	CHR7:19753884	SSF x LoA	-8,712	-0,033	0,291
CHR7	2E+07	CHR7:19753886	SSF x LoA	-8,029	-0,017	0,294
CHR7	1976957	CHR7:1976957	SSF x LoA	-8,782	-0,109	0,291
CHR7	2E+07	CHR7:19770156	SSF x LoA	-8,357	0,085	0,291
CHR7	2E+07	CHR7:19770211	SSF x LoA	-10,224	0,069	0,274
CHR7	197750	CHR7:197750	SSF x LoA	-8,931	0,063	0,283
CHR7	197790	CHR7:197790	SSF x LoA	-8,451	-0,033	0,303
CHR7	197878	CHR7:197878	SSF x LoA	-8,741	0,058	0,295
CHR7	2E+07	CHR7:19804378	SSF x LoA	-9,597	0,004	0,284
CHR7	2E+07	CHR7:19804611	SSF x LoA	-4,857	-0,166	0,279
CHR7	1980527	CHR7:1980527	SSF x LoA	-3,601	-0,043	0,309
CHR7	1980645	CHR7:1980645	SSF x LoA	-9,697	-0,045	0,302
CHR7	1980735	CHR7:1980735	SSF x LoA	-5,938	-0,018	0,264
CHR7	1980740	CHR7:1980740	SSF x LoA	-2,466	0,068	0,293
CHR7	1980777	CHR7:1980777	SSF x LoA	-8,649	0,074	0,287
CHR7	1980818	CHR7:1980818	SSF x LoA	-10,295	0,017	0,293
CHR7	1980824	CHR7:1980824	SSF x LoA	-7,801	0,110	0,308

CHR7	2E+07	CHR7:19809032	SSF x LoA	-9,557	-0,115	0,282
CHR7	2E+07	CHR7:19815171	SSF x LoA	-9,299	-0,181	0,273
CHR7	2E+07	CHR7:19815304	SSF x LoA	-4,310	0,097	0,296
CHR7	2E+07	CHR7:19820714	SSF x LoA	-7,565	-0,170	0,271
CHR7	2E+07	CHR7:19821122	SSF x LoA	-9,818	0,052	0,316
CHR7	1983574	CHR7:1983574	SSF x LoA	-7,432	-0,060	0,278
CHR7	1983758	CHR7:1983758	SSF x LoA	-8,359	0,039	0,285
CHR7	1983770	CHR7:1983770	SSF x LoA	-10,740	0,047	0,298
CHR7	1983796	CHR7:1983796	SSF x LoA	-8,999	0,000	0,289
CHR7	1983803	CHR7:1983803	SSF x LoA	-4,671	-0,088	0,291
CHR7	1983842	CHR7:1983842	SSF x LoA	-8,001	0,034	0,277
CHR7	1983876	CHR7:1983876	SSF x LoA	-8,090	-0,129	0,278
CHR7	1983883	CHR7:1983883	SSF x LoA	-7,081	-0,143	0,287
CHR7	2E+07	CHR7:19839959	SSF x LoA	-8,620	-0,139	0,270
CHR7	2E+07	CHR7:19839961	SSF x LoA	-6,943	0,149	0,286
CHR7	2E+07	CHR7:19840007	SSF x LoA	-11,018	0,033	0,296
CHR7	2E+07	CHR7:19844337	SSF x LoA	-8,903	0,176	0,286
CHR7	2E+07	CHR7:19844396	SSF x LoA	-9,296	-0,105	0,284
CHR7	2E+07	CHR7:19851240	SSF x LoA	-10,532	0,012	0,296
CHR7	2E+07	CHR7:19860950	SSF x LoA	-7,138	-0,188	0,278
CHR7	2E+07	CHR7:19861345	SSF x LoA	-5,531	-0,089	0,286
CHR7	2E+07	CHR7:19861363	SSF x LoA	-8,153	0,040	0,285
CHR7	2E+07	CHR7:19861408	SSF x LoA	-9,133	-0,047	0,295
CHR7	2E+07	CHR7:19861457	SSF x LoA	-8,877	-0,023	0,291
CHR7	2E+07	CHR7:19861535	SSF x LoA	-2,136	-0,072	0,291
CHR7	2E+07	CHR7:19891110	SSF x LoA	-8,701	-0,007	0,305
CHR7	2E+07	CHR7:19900328	SSF x LoA	-8,135	0,023	0,287
CHR7	2E+07	CHR7:19900426	SSF x LoA	-0,257	-0,034	0,298
CHR7	2E+07	CHR7:19900586	SSF x LoA	-8,395	0,095	0,292
CHR7	2E+07	CHR7:19900590	SSF x LoA	-6,355	-0,075	0,305
CHR7	2E+07	CHR7:19903283	SSF x LoA	-11,135	-0,017	0,276
CHR7	2E+07	CHR7:19903298	SSF x LoA	-8,911	0,036	0,296
CHR7	2E+07	CHR7:19903310	SSF x LoA	-9,224	-0,039	0,294
CHR7	2E+07	CHR7:19903360	SSF x LoA	-7,683	0,016	0,304
CHR7	2E+07	CHR7:19912196	SSF x LoA	-7,415	0,058	0,278
CHR7	2E+07	CHR7:19912216	SSF x LoA	-8,731	-0,095	0,309
CHR7	2E+07	CHR7:19912277	SSF x LoA	-8,508	-0,008	0,305
CHR7	2E+07	CHR7:19912321	SSF x LoA	-1,832	0,088	0,299
CHR7	2E+07	CHR7:19912417	SSF x LoA	-4,892	0,135	0,282
CHR7	2E+07	CHR7:19940364	SSF x LoA	-10,621	0,006	0,302
CHR7	2E+07	CHR7:19940404	SSF x LoA	-9,597	0,007	0,306
CHR7	2E+07	CHR7:19957215	SSF x LoA	-6,489	-0,013	0,290
CHR7	2E+07	CHR7:19992398	SSF x LoA	-8,058	0,051	0,292
CHR7	2E+07	CHR7:19992415	SSF x LoA	-8,250	-0,021	0,285
CHR7	2E+07	CHR7:19992428	SSF x LoA	-9,081	0,021	0,270
CHR7	2E+07	CHR7:19992469	SSF x LoA	-9,310	0,147	0,273
CHR7	2E+07	CHR7:20016706	SSF x LoA	-9,847	-0,076	0,284
CHR7	2E+07	CHR7:20017388	SSF x LoA	-8,684	0,072	0,272
CHR7	2E+07	CHR7:20017513	SSF x LoA	-6,899	-0,066	0,290
CHR7	2E+07	CHR7:20028553	SSF x LoA	-9,096	-0,106	0,290
CHR7	2E+07	CHR7:20028609	SSF x LoA	-10,379	-0,045	0,282
CHR7	2E+07	CHR7:20028643	SSF x LoA	-8,562	-0,009	0,300
CHR7	2E+07	CHR7:20028759	SSF x LoA	-8,829	0,020	0,294

CHR7	2E+07	CHR7:20035635	SSF x LoA	-7,279	-0,122	0,294
CHR7	2E+07	CHR7:20035808	SSF x LoA	-7,889	0,035	0,286
CHR7	2E+07	CHR7:20035817	SSF x LoA	-6,800	0,025	0,306
CHR7	2E+07	CHR7:20035825	SSF x LoA	-8,465	0,004	0,291
CHR7	2E+07	CHR7:20035847	SSF x LoA	-10,885	-0,003	0,276
CHR7	2E+07	CHR7:20035853	SSF x LoA	-8,890	-0,065	0,278
CHR7	2E+07	CHR7:20035862	SSF x LoA	-7,738	-0,129	0,283
CHR7	2E+07	CHR7:20041551	SSF x LoA	-1,618	0,259	0,266
CHR7	2E+07	CHR7:20045668	SSF x LoA	-7,966	-0,042	0,312
CHR7	2E+07	CHR7:20045689	SSF x LoA	-8,477	-0,055	0,290
CHR7	2E+07	CHR7:20066854	SSF x LoA	-7,929	0,025	0,290
CHR7	2E+07	CHR7:20086658	SSF x LoA	-8,590	-0,039	0,284
CHR7	2E+07	CHR7:20086768	SSF x LoA	-9,738	0,000	0,284
CHR7	2E+07	CHR7:20117302	SSF x LoA	-8,794	0,032	0,299
CHR7	2E+07	CHR7:20117343	SSF x LoA	-9,358	0,076	0,283
CHR7	2E+07	CHR7:20129687	SSF x LoA	-8,538	-0,036	0,285
CHR7	2E+07	CHR7:20129846	SSF x LoA	-11,519	-0,012	0,295
CHR7	2012993	CHR7:2012993	SSF x LoA	-9,546	-0,075	0,289
CHR7	2013008	CHR7:2013008	SSF x LoA	-6,658	-0,052	0,294
CHR7	2013177	CHR7:2013177	SSF x LoA	-8,915	-0,026	0,281
CHR7	2013483	CHR7:2013483	SSF x LoA	-8,535	-0,157	0,274
CHR7	2E+07	CHR7:20151032	SSF x LoA	-3,797	0,135	0,267
CHR7	2E+07	CHR7:20151065	SSF x LoA	-7,068	-0,144	0,276
CHR7	2E+07	CHR7:20151114	SSF x LoA	-8,827	0,091	0,298
CHR7	2E+07	CHR7:20151131	SSF x LoA	-4,418	0,185	0,287
CHR7	2E+07	CHR7:20151138	SSF x LoA	-5,514	-0,154	0,275
CHR7	2E+07	CHR7:20151141	SSF x LoA	-9,490	0,066	0,287
CHR7	2E+07	CHR7:20151226	SSF x LoA	-7,790	0,110	0,293
CHR7	2E+07	CHR7:20162088	SSF x LoA	-10,069	0,073	0,289
CHR7	2E+07	CHR7:20163160	SSF x LoA	-10,725	-0,041	0,294
CHR7	2E+07	CHR7:20163198	SSF x LoA	-11,265	0,006	0,294
CHR7	2E+07	CHR7:20163281	SSF x LoA	-8,531	-0,162	0,290
CHR7	2E+07	CHR7:20183565	SSF x LoA	-8,481	0,025	0,296
CHR7	2E+07	CHR7:20183639	SSF x LoA	-9,901	0,061	0,307
CHR7	2E+07	CHR7:20183648	SSF x LoA	-9,430	0,076	0,288
CHR7	2E+07	CHR7:20183650	SSF x LoA	-10,412	0,071	0,288
CHR7	2E+07	CHR7:20192299	SSF x LoA	-9,494	-0,022	0,285
CHR7	2E+07	CHR7:20194039	SSF x LoA	-8,159	-0,061	0,301
CHR7	2E+07	CHR7:20194168	SSF x LoA	-9,435	0,144	0,276
CHR7	2E+07	CHR7:20200603	SSF x LoA	-8,238	-0,099	0,283
CHR7	2E+07	CHR7:20200639	SSF x LoA	-8,020	-0,134	0,279
CHR7	2E+07	CHR7:20200659	SSF x LoA	-8,256	-0,019	0,295
CHR7	2E+07	CHR7:20200765	SSF x LoA	-9,171	0,099	0,289
CHR7	2E+07	CHR7:20200767	SSF x LoA	-9,768	-0,056	0,283
CHR7	2E+07	CHR7:20200826	SSF x LoA	-10,041	0,042	0,279
CHR7	2E+07	CHR7:20209186	SSF x LoA	-10,479	-0,013	0,280
CHR7	2E+07	CHR7:20209188	SSF x LoA	-8,366	0,137	0,278
CHR7	2E+07	CHR7:20209191	SSF x LoA	-8,300	-0,099	0,293
CHR7	2E+07	CHR7:20209213	SSF x LoA	-8,740	-0,020	0,288
CHR7	2E+07	CHR7:20209302	SSF x LoA	-6,035	0,025	0,306
CHR7	2E+07	CHR7:20209372	SSF x LoA	-8,622	-0,022	0,285
CHR7	2E+07	CHR7:20209425	SSF x LoA	-9,429	0,051	0,283
CHR7	2E+07	CHR7:20215733	SSF x LoA	-9,311	-0,041	0,277

CHR7	2E+07	CHR7:20218302	SSF x LoA	-11,442	-0,023	0,286
CHR7	2E+07	CHR7:20218381	SSF x LoA	-8,810	0,032	0,292
CHR7	2E+07	CHR7:20225786	SSF x LoA	-7,684	-0,164	0,281
CHR7	2024877	CHR7:2024877	SSF x LoA	-10,088	-0,021	0,303
CHR7	2024881	CHR7:2024881	SSF x LoA	-8,164	0,028	0,292
CHR7	2025029	CHR7:2025029	SSF x LoA	-8,114	-0,072	0,301
CHR7	2025036	CHR7:2025036	SSF x LoA	-8,211	-0,018	0,293
CHR7	2E+07	CHR7:20274498	SSF x LoA	-8,475	-0,054	0,283
CHR7	2027885	CHR7:2027885	SSF x LoA	-10,491	-0,025	0,286
CHR7	2E+07	CHR7:20290188	SSF x LoA	-11,424	-0,020	0,292
CHR7	2E+07	CHR7:20290261	SSF x LoA	-9,361	0,038	0,307
CHR7	2E+07	CHR7:20292531	SSF x LoA	-9,539	-0,052	0,294
CHR7	2E+07	CHR7:20292563	SSF x LoA	-11,164	0,018	0,289
CHR7	2E+07	CHR7:20292679	SSF x LoA	-7,985	-0,024	0,298
CHR7	2E+07	CHR7:20321916	SSF x LoA	-8,208	0,006	0,290
CHR7	2E+07	CHR7:20321950	SSF x LoA	-8,821	-0,087	0,297
CHR7	2E+07	CHR7:20322048	SSF x LoA	-8,289	0,000	0,293
CHR7	2032851	CHR7:2032851	SSF x LoA	-9,977	0,034	0,298
CHR7	2033085	CHR7:2033085	SSF x LoA	-10,418	-0,042	0,304
CHR7	2E+07	CHR7:20332542	SSF x LoA	-8,287	-0,021	0,280
CHR7	2E+07	CHR7:20332553	SSF x LoA	-8,062	-0,022	0,272
CHR7	2E+07	CHR7:20332574	SSF x LoA	-8,678	-0,002	0,271
CHR7	2E+07	CHR7:20368068	SSF x LoA	-7,351	-0,006	0,297
CHR7	2E+07	CHR7:20368092	SSF x LoA	-8,015	0,016	0,296
CHR7	2E+07	CHR7:20368145	SSF x LoA	-9,772	0,077	0,296
CHR7	2E+07	CHR7:20368159	SSF x LoA	-9,714	0,068	0,298
CHR7	2E+07	CHR7:20368222	SSF x LoA	-7,711	0,099	0,292
CHR7	2E+07	CHR7:20368225	SSF x LoA	-7,114	0,080	0,303
CHR7	2E+07	CHR7:20368235	SSF x LoA	-6,450	0,098	0,299
CHR7	2E+07	CHR7:20368246	SSF x LoA	-7,919	0,123	0,282
CHR7	2E+07	CHR7:20368268	SSF x LoA	-9,950	-0,029	0,293
CHR7	2E+07	CHR7:20368272	SSF x LoA	-10,624	0,050	0,288
CHR7	2E+07	CHR7:20368289	SSF x LoA	-9,843	0,097	0,290
CHR7	2E+07	CHR7:20368290	SSF x LoA	-5,029	-0,046	0,286
CHR7	2E+07	CHR7:20368299	SSF x LoA	-11,163	0,000	0,296
CHR7	2E+07	CHR7:20371323	SSF x LoA	-9,922	0,010	0,295
CHR7	2E+07	CHR7:20385394	SSF x LoA	-6,936	-0,191	0,292
CHR7	2E+07	CHR7:20385425	SSF x LoA	-6,528	0,157	0,288
CHR7	2E+07	CHR7:20406144	SSF x LoA	-9,577	0,111	0,295
CHR7	2E+07	CHR7:20406159	SSF x LoA	-9,013	-0,118	0,280
CHR7	2E+07	CHR7:20406244	SSF x LoA	-8,960	-0,115	0,286
CHR7	2E+07	CHR7:20422411	SSF x LoA	-7,856	0,011	0,294
CHR7	2E+07	CHR7:20433840	SSF x LoA	-4,670	-0,194	0,284
CHR7	2E+07	CHR7:20433877	SSF x LoA	-6,611	-0,093	0,291
CHR7	2E+07	CHR7:20433940	SSF x LoA	-10,696	-0,044	0,286
CHR7	2E+07	CHR7:20443529	SSF x LoA	-11,388	0,018	0,294
CHR7	2E+07	CHR7:20443591	SSF x LoA	-5,407	-0,150	0,291
CHR7	2E+07	CHR7:20443621	SSF x LoA	-9,256	-0,136	0,289
CHR7	2E+07	CHR7:20448398	SSF x LoA	-8,471	-0,084	0,291
CHR7	2E+07	CHR7:20448419	SSF x LoA	-9,672	-0,005	0,293
CHR7	2E+07	CHR7:20448432	SSF x LoA	-6,933	0,053	0,310
CHR7	2E+07	CHR7:20448472	SSF x LoA	-7,170	0,138	0,282
CHR7	2E+07	CHR7:20448479	SSF x LoA	-8,793	0,035	0,290

CHR7	2E+07	CHR7:20448481	SSF x LoA	-2,855	0,140	0,294
CHR7	2E+07	CHR7:20448524	SSF x LoA	-7,724	-0,113	0,292
CHR7	2E+07	CHR7:20448550	SSF x LoA	-7,449	0,045	0,295
CHR7	2E+07	CHR7:20448565	SSF x LoA	-8,295	0,047	0,287
CHR7	2E+07	CHR7:20457159	SSF x LoA	-10,976	0,045	0,280
CHR7	2E+07	CHR7:20462509	SSF x LoA	-8,014	0,059	0,295
CHR7	2E+07	CHR7:20466560	SSF x LoA	-8,138	0,081	0,292
CHR7	2E+07	CHR7:20466890	SSF x LoA	-7,913	-0,008	0,288
CHR7	2E+07	CHR7:20466899	SSF x LoA	-5,511	0,186	0,286
CHR7	2E+07	CHR7:20469444	SSF x LoA	-9,958	0,053	0,292
CHR7	2E+07	CHR7:20469494	SSF x LoA	-7,652	0,107	0,287
CHR7	2E+07	CHR7:20469495	SSF x LoA	-5,268	-0,073	0,299
CHR7	2E+07	CHR7:20469504	SSF x LoA	-9,843	-0,041	0,293
CHR7	2E+07	CHR7:20469547	SSF x LoA	-9,784	0,055	0,284
CHR7	2E+07	CHR7:20469598	SSF x LoA	-7,978	-0,069	0,283
CHR7	2E+07	CHR7:20469649	SSF x LoA	-9,377	-0,053	0,287
CHR7	2E+07	CHR7:20475968	SSF x LoA	-8,156	-0,005	0,300
CHR7	2E+07	CHR7:20475982	SSF x LoA	-8,538	0,020	0,288
CHR7	2E+07	CHR7:20476037	SSF x LoA	-8,010	-0,090	0,288
CHR7	2E+07	CHR7:20478580	SSF x LoA	-8,136	0,015	0,292
CHR7	2E+07	CHR7:20478598	SSF x LoA	-10,576	0,044	0,291
CHR7	2E+07	CHR7:20478676	SSF x LoA	0,590	0,135	0,279
CHR7	2E+07	CHR7:20489804	SSF x LoA	-7,828	-0,026	0,290
CHR7	2E+07	CHR7:20494842	SSF x LoA	-8,010	-0,046	0,293
CHR7	2E+07	CHR7:20494914	SSF x LoA	-9,044	0,057	0,294
CHR7	2E+07	CHR7:20495635	SSF x LoA	-9,198	-0,005	0,293
CHR7	2E+07	CHR7:20495641	SSF x LoA	-10,272	0,031	0,293
CHR7	2E+07	CHR7:20496568	SSF x LoA	-9,809	0,009	0,285
CHR7	2E+07	CHR7:20496631	SSF x LoA	-5,653	-0,177	0,290
CHR7	20502974	CHR7:20502974	SSF x LoA	-9,257	0,030	0,307
CHR7	20506293	CHR7:20506293	SSF x LoA	-9,510	-0,002	0,288
CHR7	20506300	CHR7:20506300	SSF x LoA	-7,326	0,035	0,281
CHR7	20506368	CHR7:20506368	SSF x LoA	-6,719	0,048	0,308
CHR7	2050973	CHR7:2050973	SSF x LoA	-2,648	-0,217	0,275
CHR7	2051039	CHR7:2051039	SSF x LoA	-7,308	-0,002	0,280
CHR7	20523629	CHR7:20523629	SSF x LoA	-11,086	-0,045	0,273
CHR7	20523790	CHR7:20523790	SSF x LoA	-7,527	0,084	0,286
CHR7	20523823	CHR7:20523823	SSF x LoA	-1,553	0,158	0,293
CHR7	20550385	CHR7:20550385	SSF x LoA	-6,579	-0,169	0,279
CHR7	20584587	CHR7:20584587	SSF x LoA	-7,765	0,092	0,290
CHR7	20584614	CHR7:20584614	SSF x LoA	-7,147	-0,006	0,284
CHR7	20584661	CHR7:20584661	SSF x LoA	-9,163	-0,056	0,289
CHR7	20584682	CHR7:20584682	SSF x LoA	-3,104	0,150	0,276
CHR7	20584689	CHR7:20584689	SSF x LoA	-8,465	-0,063	0,289
CHR7	20587385	CHR7:20587385	SSF x LoA	-7,009	-0,006	0,289
CHR7	20587426	CHR7:20587426	SSF x LoA	-7,197	0,013	0,287
CHR7	20592865	CHR7:20592865	SSF x LoA	-7,340	-0,109	0,280
CHR7	20592951	CHR7:20592951	SSF x LoA	-9,613	-0,086	0,277
CHR7	20598979	CHR7:20598979	SSF x LoA	-8,740	-0,060	0,300
CHR7	20599025	CHR7:20599025	SSF x LoA	-8,174	0,121	0,294
CHR7	20599032	CHR7:20599032	SSF x LoA	-8,714	0,013	0,302
CHR7	20599059	CHR7:20599059	SSF x LoA	-9,474	-0,022	0,286
CHR7	20599179	CHR7:20599179	SSF x LoA	-1,318	0,223	0,281

CHR7	20599220	CHR7:20599220	SSF x LoA	-10,769	-0,044	0,282
CHR7	20622892	CHR7:20622892	SSF x LoA	-9,016	-0,116	0,290
CHR7	20622893	CHR7:20622893	SSF x LoA	-9,585	-0,092	0,292
CHR7	20623122	CHR7:20623122	SSF x LoA	-8,350	0,016	0,301
CHR7	20623231	CHR7:20623231	SSF x LoA	-11,106	0,012	0,291
CHR7	20625850	CHR7:20625850	SSF x LoA	-6,738	-0,079	0,275
CHR7	20625893	CHR7:20625893	SSF x LoA	-7,975	0,068	0,291
CHR7	20651975	CHR7:20651975	SSF x LoA	-4,844	-0,125	0,290
CHR7	2065294	CHR7:2065294	SSF x LoA	-5,968	0,180	0,270
CHR7	2065315	CHR7:2065315	SSF x LoA	-6,348	0,071	0,275
CHR7	20653794	CHR7:20653794	SSF x LoA	-10,191	0,025	0,286
CHR7	20653818	CHR7:20653818	SSF x LoA	-7,117	0,062	0,301
CHR7	20653828	CHR7:20653828	SSF x LoA	-4,907	0,154	0,283
CHR7	20653917	CHR7:20653917	SSF x LoA	-8,682	0,066	0,302
CHR7	20653933	CHR7:20653933	SSF x LoA	-7,785	0,045	0,282
CHR7	20653949	CHR7:20653949	SSF x LoA	-5,241	0,045	0,274
CHR7	20653969	CHR7:20653969	SSF x LoA	-8,004	0,052	0,278
CHR7	20654007	CHR7:20654007	SSF x LoA	-8,545	-0,011	0,298
CHR7	20654082	CHR7:20654082	SSF x LoA	-10,350	0,091	0,292
CHR7	20654096	CHR7:20654096	SSF x LoA	-6,251	0,183	0,293
CHR7	20654140	CHR7:20654140	SSF x LoA	-9,615	0,104	0,297
CHR7	20654142	CHR7:20654142	SSF x LoA	0,057	0,065	0,300
CHR7	2065450	CHR7:2065450	SSF x LoA	-9,168	-0,047	0,290
CHR7	20661430	CHR7:20661430	SSF x LoA	-8,899	0,084	0,297
CHR7	20662761	CHR7:20662761	SSF x LoA	-6,528	0,034	0,281
CHR7	20671482	CHR7:20671482	SSF x LoA	-9,664	0,066	0,296
CHR7	20671603	CHR7:20671603	SSF x LoA	-10,557	-0,064	0,290
CHR7	20671646	CHR7:20671646	SSF x LoA	-7,664	0,055	0,279
CHR7	20671707	CHR7:20671707	SSF x LoA	-7,957	0,013	0,295
CHR7	2067370	CHR7:2067370	SSF x LoA	-7,349	-0,148	0,284
CHR7	2067395	CHR7:2067395	SSF x LoA	-9,184	-0,012	0,287
CHR7	2067495	CHR7:2067495	SSF x LoA	-11,486	0,032	0,279
CHR7	20687159	CHR7:20687159	SSF x LoA	-8,820	0,047	0,276
CHR7	20700480	CHR7:20700480	SSF x LoA	-9,262	-0,080	0,283
CHR7	20700532	CHR7:20700532	SSF x LoA	-10,531	-0,027	0,288
CHR7	20700813	CHR7:20700813	SSF x LoA	-9,648	-0,048	0,286
CHR7	20733366	CHR7:20733366	SSF x LoA	-7,875	0,086	0,277
CHR7	20733394	CHR7:20733394	SSF x LoA	-10,603	0,108	0,279
CHR7	20743581	CHR7:20743581	SSF x LoA	-10,393	-0,052	0,296
CHR7	20743798	CHR7:20743798	SSF x LoA	-9,559	0,100	0,277
CHR7	20749599	CHR7:20749599	SSF x LoA	-10,630	0,045	0,282
CHR7	20749604	CHR7:20749604	SSF x LoA	-8,793	0,054	0,293
CHR7	20749619	CHR7:20749619	SSF x LoA	-4,672	0,088	0,302
CHR7	20757726	CHR7:20757726	SSF x LoA	-7,757	-0,127	0,300
CHR7	20757770	CHR7:20757770	SSF x LoA	-4,862	-0,198	0,284
CHR7	20757818	CHR7:20757818	SSF x LoA	-4,205	-0,218	0,279
CHR7	20757822	CHR7:20757822	SSF x LoA	-7,435	0,025	0,300
CHR7	20760973	CHR7:20760973	SSF x LoA	-9,082	-0,037	0,285
CHR7	20760990	CHR7:20760990	SSF x LoA	-7,753	-0,017	0,293
CHR7	20761080	CHR7:20761080	SSF x LoA	-7,641	-0,144	0,291
CHR7	20761096	CHR7:20761096	SSF x LoA	-7,739	-0,116	0,291
CHR7	20766724	CHR7:20766724	SSF x LoA	-8,373	0,034	0,300
CHR7	20786	CHR7:20786	SSF x LoA	-1,320	0,014	0,293

CHR7	20786425	CHR7:20786425	SSF x LoA	-6,044	-0,152	0,296
CHR7	20786436	CHR7:20786436	SSF x LoA	-8,474	0,097	0,291
CHR7	20786532	CHR7:20786532	SSF x LoA	-8,638	-0,079	0,284
CHR7	20787365	CHR7:20787365	SSF x LoA	-11,259	-0,006	0,286
CHR7	20787406	CHR7:20787406	SSF x LoA	-9,550	0,006	0,297
CHR7	20787408	CHR7:20787408	SSF x LoA	-9,969	0,026	0,298
CHR7	20795434	CHR7:20795434	SSF x LoA	-7,574	0,032	0,287
CHR7	20795533	CHR7:20795533	SSF x LoA	-10,318	-0,095	0,292
CHR7	20798525	CHR7:20798525	SSF x LoA	-7,570	-0,108	0,297
CHR7	20799440	CHR7:20799440	SSF x LoA	-7,044	-0,122	0,292
CHR7	20827823	CHR7:20827823	SSF x LoA	-7,786	0,028	0,294
CHR7	20827944	CHR7:20827944	SSF x LoA	-4,443	0,010	0,304
CHR7	20827986	CHR7:20827986	SSF x LoA	-8,548	-0,033	0,292
CHR7	20830156	CHR7:20830156	SSF x LoA	-8,357	0,080	0,293
CHR7	20830159	CHR7:20830159	SSF x LoA	-7,743	-0,022	0,295
CHR7	20830480	CHR7:20830480	SSF x LoA	-11,045	-0,108	0,291
CHR7	20848888	CHR7:20848888	SSF x LoA	-5,476	0,047	0,303
CHR7	20848960	CHR7:20848960	SSF x LoA	-8,553	-0,044	0,301
CHR7	2085552	CHR7:2085552	SSF x LoA	-8,587	0,028	0,310
CHR7	2085585	CHR7:2085585	SSF x LoA	-8,864	-0,040	0,277
CHR7	20862568	CHR7:20862568	SSF x LoA	-8,196	-0,083	0,284
CHR7	2086855	CHR7:2086855	SSF x LoA	-7,649	0,129	0,289
CHR7	2086865	CHR7:2086865	SSF x LoA	-7,372	0,143	0,298
CHR7	20870057	CHR7:20870057	SSF x LoA	-8,046	-0,026	0,276
CHR7	2087049	CHR7:2087049	SSF x LoA	-4,954	-0,180	0,282
CHR7	20891478	CHR7:20891478	SSF x LoA	-8,824	-0,056	0,294
CHR7	20939647	CHR7:20939647	SSF x LoA	-8,757	-0,079	0,289
CHR7	20940104	CHR7:20940104	SSF x LoA	-9,684	0,048	0,300
CHR7	20942261	CHR7:20942261	SSF x LoA	-10,971	-0,058	0,290
CHR7	20942344	CHR7:20942344	SSF x LoA	-7,219	0,144	0,285
CHR7	20942392	CHR7:20942392	SSF x LoA	-10,307	0,133	0,290
CHR7	20942414	CHR7:20942414	SSF x LoA	-9,474	-0,030	0,290
CHR7	20942441	CHR7:20942441	SSF x LoA	-8,674	-0,049	0,289
CHR7	20948588	CHR7:20948588	SSF x LoA	-9,679	0,034	0,306
CHR7	20948645	CHR7:20948645	SSF x LoA	-6,734	0,168	0,275
CHR7	20948653	CHR7:20948653	SSF x LoA	-9,834	0,001	0,303
CHR7	20961637	CHR7:20961637	SSF x LoA	-7,413	-0,191	0,282
CHR7	20961823	CHR7:20961823	SSF x LoA	-9,103	0,042	0,275
CHR7	20966	CHR7:20966	SSF x LoA	-9,664	-0,051	0,287
CHR7	20971653	CHR7:20971653	SSF x LoA	-9,800	0,085	0,288
CHR7	20974121	CHR7:20974121	SSF x LoA	-10,386	-0,003	0,282
CHR7	20990164	CHR7:20990164	SSF x LoA	-8,325	-0,071	0,290
CHR7	20990185	CHR7:20990185	SSF x LoA	-8,536	0,009	0,289
CHR7	20990218	CHR7:20990218	SSF x LoA	-9,166	0,068	0,282
CHR7	21001524	CHR7:21001524	SSF x LoA	-7,182	0,028	0,302
CHR7	21001527	CHR7:21001527	SSF x LoA	-9,707	0,091	0,282
CHR7	21001951	CHR7:21001951	SSF x LoA	-6,621	-0,176	0,272
CHR7	21046628	CHR7:21046628	SSF x LoA	-10,260	0,100	0,293
CHR7	21046745	CHR7:21046745	SSF x LoA	-11,096	0,014	0,300
CHR7	21046821	CHR7:21046821	SSF x LoA	-7,312	0,125	0,275
CHR7	21050614	CHR7:21050614	SSF x LoA	-7,845	0,046	0,287
CHR7	21050642	CHR7:21050642	SSF x LoA	-6,805	-0,060	0,295
CHR7	21050654	CHR7:21050654	SSF x LoA	-9,177	-0,024	0,276

CHR7	21050676	CHR7:21050676	SSF x LoA	-9,274	-0,050	0,287
CHR7	21050678	CHR7:21050678	SSF x LoA	-7,913	-0,023	0,294
CHR7	21050679	CHR7:21050679	SSF x LoA	-5,766	0,152	0,284
CHR7	21050699	CHR7:21050699	SSF x LoA	-11,417	0,056	0,286
CHR7	21050827	CHR7:21050827	SSF x LoA	-8,715	-0,052	0,289
CHR7	21063034	CHR7:21063034	SSF x LoA	-9,276	0,049	0,286
CHR7	21063090	CHR7:21063090	SSF x LoA	-7,350	-0,003	0,273
CHR7	21076028	CHR7:21076028	SSF x LoA	-7,322	-0,089	0,285
CHR7	21076041	CHR7:21076041	SSF x LoA	-7,434	0,083	0,289
CHR7	21076045	CHR7:21076045	SSF x LoA	-5,871	0,020	0,295
CHR7	21076177	CHR7:21076177	SSF x LoA	-9,244	0,001	0,306
CHR7	21076189	CHR7:21076189	SSF x LoA	-10,214	0,065	0,294
CHR7	21080232	CHR7:21080232	SSF x LoA	-4,512	-0,032	0,289
CHR7	21087688	CHR7:21087688	SSF x LoA	-9,839	0,063	0,287
CHR7	21087840	CHR7:21087840	SSF x LoA	-8,415	0,070	0,279
CHR7	21106565	CHR7:21106565	SSF x LoA	-10,203	-0,080	0,279
CHR7	21106566	CHR7:21106566	SSF x LoA	-9,070	0,078	0,277
CHR7	21106592	CHR7:21106592	SSF x LoA	-9,212	-0,070	0,291
CHR7	21116942	CHR7:21116942	SSF x LoA	-7,094	-0,192	0,257
CHR7	21117011	CHR7:21117011	SSF x LoA	-10,127	-0,038	0,287
CHR7	21117062	CHR7:21117062	SSF x LoA	-7,945	0,080	0,304
CHR7	21143745	CHR7:21143745	SSF x LoA	-6,696	0,004	0,291
CHR7	21143782	CHR7:21143782	SSF x LoA	-9,000	0,084	0,289
CHR7	21143846	CHR7:21143846	SSF x LoA	-1,456	-0,089	0,287
CHR7	21143875	CHR7:21143875	SSF x LoA	-8,499	-0,009	0,296
CHR7	21149896	CHR7:21149896	SSF x LoA	-6,266	-0,095	0,281
CHR7	21149955	CHR7:21149955	SSF x LoA	-8,756	0,021	0,296
CHR7	21150061	CHR7:21150061	SSF x LoA	-7,959	0,088	0,304
CHR7	211617	CHR7:211617	SSF x LoA	-8,524	-0,019	0,290
CHR7	21163501	CHR7:21163501	SSF x LoA	-4,384	0,191	0,287
CHR7	21163510	CHR7:21163510	SSF x LoA	-7,824	0,082	0,293
CHR7	21163591	CHR7:21163591	SSF x LoA	-7,728	0,109	0,304
CHR7	21163870	CHR7:21163870	SSF x LoA	-8,055	0,046	0,296
CHR7	21181997	CHR7:21181997	SSF x LoA	-9,609	-0,131	0,277
CHR7	21210423	CHR7:21210423	SSF x LoA	-9,366	-0,032	0,282
CHR7	21210469	CHR7:21210469	SSF x LoA	-4,107	-0,030	0,291
CHR7	21210561	CHR7:21210561	SSF x LoA	-8,718	-0,025	0,281
CHR7	21215588	CHR7:21215588	SSF x LoA	-6,120	0,066	0,267
CHR7	21216063	CHR7:21216063	SSF x LoA	-7,969	0,074	0,280
CHR7	21220168	CHR7:21220168	SSF x LoA	-8,160	-0,046	0,299
CHR7	21224570	CHR7:21224570	SSF x LoA	-3,489	0,233	0,285
CHR7	21260440	CHR7:21260440	SSF x LoA	-6,772	0,095	0,286
CHR7	2126746	CHR7:2126746	SSF x LoA	-10,804	-0,064	0,287
CHR7	2126843	CHR7:2126843	SSF x LoA	-10,559	0,088	0,282
CHR7	21279243	CHR7:21279243	SSF x LoA	-11,159	-0,061	0,282
CHR7	21279299	CHR7:21279299	SSF x LoA	-7,729	-0,196	0,281
CHR7	21279435	CHR7:21279435	SSF x LoA	-10,629	0,019	0,294
CHR7	2128083	CHR7:2128083	SSF x LoA	-8,364	0,002	0,304
CHR7	21295574	CHR7:21295574	SSF x LoA	-5,959	0,201	0,270
CHR7	21297155	CHR7:21297155	SSF x LoA	-9,918	-0,037	0,298
CHR7	2132257	CHR7:2132257	SSF x LoA	-7,131	0,148	0,275
CHR7	2132319	CHR7:2132319	SSF x LoA	-9,260	0,009	0,283
CHR7	2132427	CHR7:2132427	SSF x LoA	-7,268	-0,069	0,287

CHR7	21325460	CHR7:21325460	SSF x LoA	-9,975	-0,097	0,294
CHR7	21325744	CHR7:21325744	SSF x LoA	-8,451	-0,009	0,294
CHR7	21325792	CHR7:21325792	SSF x LoA	-10,379	-0,009	0,273
CHR7	21325831	CHR7:21325831	SSF x LoA	-8,607	0,052	0,285
CHR7	21325855	CHR7:21325855	SSF x LoA	-8,229	-0,090	0,285
CHR7	21325860	CHR7:21325860	SSF x LoA	-10,470	-0,033	0,285
CHR7	21353596	CHR7:21353596	SSF x LoA	-9,367	0,077	0,255
CHR7	21353612	CHR7:21353612	SSF x LoA	-8,549	-0,017	0,269
CHR7	21353782	CHR7:21353782	SSF x LoA	-10,305	-0,052	0,273
CHR7	21353857	CHR7:21353857	SSF x LoA	-11,331	0,011	0,274
CHR7	21382689	CHR7:21382689	SSF x LoA	-9,395	0,074	0,282
CHR7	21382740	CHR7:21382740	SSF x LoA	-9,742	-0,100	0,282
CHR7	21382753	CHR7:21382753	SSF x LoA	-8,520	-0,045	0,299
CHR7	21382787	CHR7:21382787	SSF x LoA	-11,319	0,036	0,286
CHR7	21382846	CHR7:21382846	SSF x LoA	-8,237	-0,009	0,269
CHR7	21382880	CHR7:21382880	SSF x LoA	-8,973	0,022	0,300
CHR7	21382942	CHR7:21382942	SSF x LoA	-8,545	0,059	0,294
CHR7	21382966	CHR7:21382966	SSF x LoA	-7,060	-0,107	0,273
CHR7	21402193	CHR7:21402193	SSF x LoA	-9,744	-0,091	0,292
CHR7	21402213	CHR7:21402213	SSF x LoA	-8,422	-0,156	0,276
CHR7	21402267	CHR7:21402267	SSF x LoA	-5,617	-0,172	0,288
CHR7	21402420	CHR7:21402420	SSF x LoA	-5,562	-0,150	0,280
CHR7	21402564	CHR7:21402564	SSF x LoA	-10,806	-0,036	0,286
CHR7	21402568	CHR7:21402568	SSF x LoA	-7,386	0,029	0,290
CHR7	21406535	CHR7:21406535	SSF x LoA	-8,076	0,043	0,303
CHR7	21411552	CHR7:21411552	SSF x LoA	-8,150	0,012	0,291
CHR7	21411599	CHR7:21411599	SSF x LoA	-8,516	-0,017	0,287
CHR7	21411653	CHR7:21411653	SSF x LoA	-8,011	0,011	0,293
CHR7	21411658	CHR7:21411658	SSF x LoA	-9,422	-0,024	0,286
CHR7	21411685	CHR7:21411685	SSF x LoA	-9,347	0,071	0,297
CHR7	21411697	CHR7:21411697	SSF x LoA	-9,643	0,045	0,289
CHR7	21411714	CHR7:21411714	SSF x LoA	-9,028	0,022	0,288
CHR7	21411729	CHR7:21411729	SSF x LoA	-10,435	0,055	0,281
CHR7	21411761	CHR7:21411761	SSF x LoA	-10,481	0,030	0,290
CHR7	21411785	CHR7:21411785	SSF x LoA	-9,030	-0,019	0,276
CHR7	21417648	CHR7:21417648	SSF x LoA	-7,180	0,005	0,291
CHR7	21417651	CHR7:21417651	SSF x LoA	-8,663	-0,008	0,294
CHR7	21417653	CHR7:21417653	SSF x LoA	-8,861	0,002	0,302
CHR7	21417655	CHR7:21417655	SSF x LoA	-8,576	0,006	0,298
CHR7	21417712	CHR7:21417712	SSF x LoA	-7,895	0,132	0,289
CHR7	21417808	CHR7:21417808	SSF x LoA	-7,855	0,132	0,291
CHR7	21417822	CHR7:21417822	SSF x LoA	-6,337	0,130	0,282
CHR7	21417850	CHR7:21417850	SSF x LoA	-8,973	-0,037	0,281
CHR7	21430187	CHR7:21430187	SSF x LoA	-6,275	-0,193	0,271
CHR7	21437951	CHR7:21437951	SSF x LoA	-7,720	-0,082	0,297
CHR7	21437976	CHR7:21437976	SSF x LoA	-6,367	0,188	0,297
CHR7	21437985	CHR7:21437985	SSF x LoA	-9,682	-0,105	0,283
CHR7	21438018	CHR7:21438018	SSF x LoA	-8,437	-0,185	0,271
CHR7	21438029	CHR7:21438029	SSF x LoA	0,215	-0,302	0,252
CHR7	21438052	CHR7:21438052	SSF x LoA	-6,019	-0,135	0,286
CHR7	21438079	CHR7:21438079	SSF x LoA	-9,103	-0,040	0,289
CHR7	21438218	CHR7:21438218	SSF x LoA	-8,259	-0,039	0,289
CHR7	21459158	CHR7:21459158	SSF x LoA	-7,489	-0,011	0,292

CHR7	21459508	CHR7:21459508	SSF x LoA	10,754	0,245	0,273
CHR7	21464257	CHR7:21464257	SSF x LoA	-9,798	0,039	0,285
CHR7	21496345	CHR7:21496345	SSF x LoA	-6,520	-0,071	0,282
CHR7	21496429	CHR7:21496429	SSF x LoA	-9,205	-0,004	0,289
CHR7	21496433	CHR7:21496433	SSF x LoA	-6,361	-0,114	0,290
CHR7	21496547	CHR7:21496547	SSF x LoA	-7,765	0,057	0,286
CHR7	21513562	CHR7:21513562	SSF x LoA	-6,713	0,076	0,295
CHR7	21513599	CHR7:21513599	SSF x LoA	-4,821	0,119	0,283
CHR7	21524697	CHR7:21524697	SSF x LoA	-9,866	-0,109	0,284
CHR7	21524750	CHR7:21524750	SSF x LoA	-7,083	-0,043	0,297
CHR7	21524905	CHR7:21524905	SSF x LoA	-5,680	0,031	0,299
CHR7	21540183	CHR7:21540183	SSF x LoA	-9,531	0,021	0,287
CHR7	21540273	CHR7:21540273	SSF x LoA	-7,984	0,108	0,290
CHR7	21545070	CHR7:21545070	SSF x LoA	-8,758	0,117	0,286
CHR7	21545080	CHR7:21545080	SSF x LoA	-7,909	0,101	0,298
CHR7	21546806	CHR7:21546806	SSF x LoA	-2,997	0,197	0,277
CHR7	21549336	CHR7:21549336	SSF x LoA	-9,392	0,068	0,294
CHR7	21549340	CHR7:21549340	SSF x LoA	-8,549	-0,070	0,288
CHR7	21555411	CHR7:21555411	SSF x LoA	-9,111	-0,032	0,290
CHR7	21555412	CHR7:21555412	SSF x LoA	-8,886	0,000	0,305
CHR7	21555487	CHR7:21555487	SSF x LoA	-9,890	0,053	0,289
CHR7	21555555	CHR7:21555555	SSF x LoA	-7,878	0,089	0,290
CHR7	21555653	CHR7:21555653	SSF x LoA	-7,490	-0,064	0,277
CHR7	21555665	CHR7:21555665	SSF x LoA	-8,157	-0,047	0,279
CHR7	21555675	CHR7:21555675	SSF x LoA	-10,024	-0,079	0,284
CHR7	21555677	CHR7:21555677	SSF x LoA	-9,963	0,009	0,286
CHR7	21564980	CHR7:21564980	SSF x LoA	-6,391	-0,137	0,271
CHR7	21567052	CHR7:21567052	SSF x LoA	-9,103	-0,075	0,284
CHR7	21567070	CHR7:21567070	SSF x LoA	-5,027	0,013	0,307
CHR7	21574819	CHR7:21574819	SSF x LoA	-7,946	-0,152	0,278
CHR7	21574858	CHR7:21574858	SSF x LoA	-8,819	0,074	0,286
CHR7	21574883	CHR7:21574883	SSF x LoA	-6,661	-0,076	0,292
CHR7	21575050	CHR7:21575050	SSF x LoA	-6,098	0,117	0,271
CHR7	21580064	CHR7:21580064	SSF x LoA	-4,449	0,194	0,285
CHR7	2159642	CHR7:2159642	SSF x LoA	-9,836	0,052	0,290
CHR7	21596878	CHR7:21596878	SSF x LoA	-1,447	-0,171	0,276
CHR7	2159792	CHR7:2159792	SSF x LoA	-8,802	0,038	0,298
CHR7	21605541	CHR7:21605541	SSF x LoA	-10,216	0,065	0,291
CHR7	21616332	CHR7:21616332	SSF x LoA	-10,370	0,058	0,288
CHR7	21616337	CHR7:21616337	SSF x LoA	-10,969	-0,033	0,282
CHR7	21616345	CHR7:21616345	SSF x LoA	-9,783	0,109	0,292
CHR7	21616346	CHR7:21616346	SSF x LoA	-11,168	0,073	0,283
CHR7	21616352	CHR7:21616352	SSF x LoA	-7,283	-0,169	0,284
CHR7	21616383	CHR7:21616383	SSF x LoA	-4,324	0,240	0,280
CHR7	21616385	CHR7:21616385	SSF x LoA	-6,758	0,064	0,294
CHR7	21616388	CHR7:21616388	SSF x LoA	-4,039	-0,262	0,275
CHR7	21616397	CHR7:21616397	SSF x LoA	-5,215	-0,169	0,289
CHR7	21616415	CHR7:21616415	SSF x LoA	-7,107	-0,133	0,292
CHR7	21616425	CHR7:21616425	SSF x LoA	-10,828	0,017	0,286
CHR7	21616451	CHR7:21616451	SSF x LoA	-1,831	0,265	0,270
CHR7	21622466	CHR7:21622466	SSF x LoA	-9,796	-0,155	0,287
CHR7	21622613	CHR7:21622613	SSF x LoA	-9,370	-0,008	0,296
CHR7	21642112	CHR7:21642112	SSF x LoA	-7,843	-0,066	0,293

CHR7	21642121	CHR7:21642121	SSF x LoA	-8,475	-0,052	0,289
CHR7	21642203	CHR7:21642203	SSF x LoA	-10,532	0,023	0,286
CHR7	21642329	CHR7:21642329	SSF x LoA	-6,889	0,151	0,290
CHR7	21645767	CHR7:21645767	SSF x LoA	-7,634	0,034	0,299
CHR7	21645800	CHR7:21645800	SSF x LoA	-8,846	-0,090	0,292
CHR7	21645807	CHR7:21645807	SSF x LoA	-5,672	-0,011	0,302
CHR7	21645825	CHR7:21645825	SSF x LoA	-7,780	0,042	0,301
CHR7	21645975	CHR7:21645975	SSF x LoA	-6,207	-0,166	0,281
CHR7	21654206	CHR7:21654206	SSF x LoA	-7,970	-0,131	0,292
CHR7	21654250	CHR7:21654250	SSF x LoA	-9,766	0,003	0,311
CHR7	21654284	CHR7:21654284	SSF x LoA	2,897	-0,085	0,295
CHR7	21654289	CHR7:21654289	SSF x LoA	-10,263	-0,087	0,285
CHR7	21654292	CHR7:21654292	SSF x LoA	-9,272	-0,011	0,284
CHR7	21654305	CHR7:21654305	SSF x LoA	-10,982	-0,104	0,280
CHR7	21654418	CHR7:21654418	SSF x LoA	-10,521	-0,074	0,287
CHR7	21654427	CHR7:21654427	SSF x LoA	-7,980	0,021	0,300
CHR7	21654438	CHR7:21654438	SSF x LoA	-4,536	0,025	0,301
CHR7	21654442	CHR7:21654442	SSF x LoA	-10,963	0,030	0,290
CHR7	2165823	CHR7:2165823	SSF x LoA	-10,084	-0,047	0,291
CHR7	21668216	CHR7:21668216	SSF x LoA	-7,579	0,071	0,295
CHR7	21668233	CHR7:21668233	SSF x LoA	-7,670	0,059	0,302
CHR7	21668260	CHR7:21668260	SSF x LoA	-10,484	0,016	0,290
CHR7	21668263	CHR7:21668263	SSF x LoA	-8,660	0,049	0,287
CHR7	21668282	CHR7:21668282	SSF x LoA	-6,507	0,087	0,290
CHR7	21668295	CHR7:21668295	SSF x LoA	-7,912	0,049	0,292
CHR7	21668296	CHR7:21668296	SSF x LoA	-8,890	0,016	0,283
CHR7	21668305	CHR7:21668305	SSF x LoA	-7,511	0,107	0,286
CHR7	21668540	CHR7:21668540	SSF x LoA	-8,065	0,022	0,304
CHR7	21680550	CHR7:21680550	SSF x LoA	-6,281	-0,006	0,279
CHR7	21690320	CHR7:21690320	SSF x LoA	-8,363	0,125	0,290
CHR7	21690373	CHR7:21690373	SSF x LoA	-8,364	-0,070	0,286
CHR7	216999	CHR7:216999	SSF x LoA	-8,677	0,035	0,293
CHR7	21710548	CHR7:21710548	SSF x LoA	-4,879	0,134	0,298
CHR7	21710609	CHR7:21710609	SSF x LoA	-10,136	0,018	0,297
CHR7	21710628	CHR7:21710628	SSF x LoA	-6,632	0,165	0,283
CHR7	21710645	CHR7:21710645	SSF x LoA	-8,376	-0,091	0,287
CHR7	21715120	CHR7:21715120	SSF x LoA	-5,877	-0,143	0,288
CHR7	21715231	CHR7:21715231	SSF x LoA	-7,382	0,201	0,275
CHR7	21717293	CHR7:21717293	SSF x LoA	-8,098	-0,206	0,267
CHR7	2172558	CHR7:2172558	SSF x LoA	-10,040	-0,033	0,293
CHR7	2172568	CHR7:2172568	SSF x LoA	-8,520	0,007	0,303
CHR7	2172672	CHR7:2172672	SSF x LoA	-7,343	0,105	0,269
CHR7	21730432	CHR7:21730432	SSF x LoA	-8,706	-0,001	0,291
CHR7	21730437	CHR7:21730437	SSF x LoA	-10,811	-0,008	0,274
CHR7	21730864	CHR7:21730864	SSF x LoA	-8,751	0,058	0,298
CHR7	21750050	CHR7:21750050	SSF x LoA	-11,267	0,089	0,287
CHR7	21750077	CHR7:21750077	SSF x LoA	-10,072	-0,037	0,286
CHR7	2175637	CHR7:2175637	SSF x LoA	-9,027	0,049	0,289
CHR7	2175784	CHR7:2175784	SSF x LoA	-9,800	0,001	0,288
CHR7	2175890	CHR7:2175890	SSF x LoA	-7,502	0,095	0,292
CHR7	2175903	CHR7:2175903	SSF x LoA	-8,536	0,035	0,308
CHR7	21767034	CHR7:21767034	SSF x LoA	-9,480	-0,153	0,277
CHR7	21767070	CHR7:21767070	SSF x LoA	-7,540	0,088	0,297

CHR7	21767095	CHR7:21767095	SSF x LoA	-11,054	0,043	0,291
CHR7	21767130	CHR7:21767130	SSF x LoA	-8,003	0,085	0,281
CHR7	21767137	CHR7:21767137	SSF x LoA	-7,819	0,134	0,275
CHR7	21770561	CHR7:21770561	SSF x LoA	-7,571	-0,162	0,295
CHR7	21770668	CHR7:21770668	SSF x LoA	-9,023	0,013	0,290
CHR7	2178726	CHR7:2178726	SSF x LoA	-8,605	0,005	0,292
CHR7	2178739	CHR7:2178739	SSF x LoA	-8,180	0,035	0,298
CHR7	2178748	CHR7:2178748	SSF x LoA	-10,380	0,064	0,283
CHR7	21789964	CHR7:21789964	SSF x LoA	-10,028	0,054	0,287
CHR7	21790010	CHR7:21790010	SSF x LoA	-6,662	-0,168	0,282
CHR7	21790036	CHR7:21790036	SSF x LoA	-7,611	0,091	0,299
CHR7	21790278	CHR7:21790278	SSF x LoA	-6,613	0,070	0,276
CHR7	21794206	CHR7:21794206	SSF x LoA	-8,093	-0,144	0,291
CHR7	21812823	CHR7:21812823	SSF x LoA	-7,975	-0,080	0,284
CHR7	21812846	CHR7:21812846	SSF x LoA	-9,004	0,109	0,268
CHR7	21812875	CHR7:21812875	SSF x LoA	-8,871	-0,031	0,287
CHR7	21812877	CHR7:21812877	SSF x LoA	-10,290	-0,051	0,295
CHR7	21812942	CHR7:21812942	SSF x LoA	-9,865	-0,005	0,298
CHR7	21815121	CHR7:21815121	SSF x LoA	-11,273	0,009	0,295
CHR7	21815165	CHR7:21815165	SSF x LoA	-10,334	0,040	0,296
CHR7	2182078	CHR7:2182078	SSF x LoA	-9,064	-0,020	0,284
CHR7	2182082	CHR7:2182082	SSF x LoA	-10,855	0,098	0,294
CHR7	2182098	CHR7:2182098	SSF x LoA	-8,898	0,020	0,293
CHR7	2182249	CHR7:2182249	SSF x LoA	-3,862	0,054	0,303
CHR7	21827558	CHR7:21827558	SSF x LoA	-5,122	-0,115	0,289
CHR7	21827561	CHR7:21827561	SSF x LoA	-6,440	0,202	0,293
CHR7	21827704	CHR7:21827704	SSF x LoA	-6,276	0,145	0,291
CHR7	21827752	CHR7:21827752	SSF x LoA	-2,929	0,201	0,289
CHR7	21827753	CHR7:21827753	SSF x LoA	-4,097	0,181	0,288
CHR7	21827795	CHR7:21827795	SSF x LoA	-9,105	0,155	0,281
CHR7	21827798	CHR7:21827798	SSF x LoA	-6,167	0,122	0,288
CHR7	21836294	CHR7:21836294	SSF x LoA	-7,986	0,002	0,289
CHR7	21836341	CHR7:21836341	SSF x LoA	-8,644	0,104	0,289
CHR7	21836345	CHR7:21836345	SSF x LoA	-9,999	0,083	0,289
CHR7	21836436	CHR7:21836436	SSF x LoA	-6,438	0,171	0,291
CHR7	21850453	CHR7:21850453	SSF x LoA	-7,234	0,040	0,304
CHR7	21850551	CHR7:21850551	SSF x LoA	-6,434	0,048	0,300
CHR7	21862761	CHR7:21862761	SSF x LoA	-6,965	0,087	0,292
CHR7	21862777	CHR7:21862777	SSF x LoA	-9,054	0,125	0,290
CHR7	21865805	CHR7:21865805	SSF x LoA	-10,609	0,065	0,288
CHR7	21865869	CHR7:21865869	SSF x LoA	-8,588	0,024	0,281
CHR7	21865874	CHR7:21865874	SSF x LoA	-6,557	-0,023	0,292
CHR7	21865926	CHR7:21865926	SSF x LoA	-4,816	0,224	0,276
CHR7	21865981	CHR7:21865981	SSF x LoA	-7,538	0,039	0,286
CHR7	21880304	CHR7:21880304	SSF x LoA	-8,738	-0,065	0,304
CHR7	21880381	CHR7:21880381	SSF x LoA	-8,805	0,084	0,285
CHR7	21880392	CHR7:21880392	SSF x LoA	-6,851	-0,119	0,296
CHR7	21880410	CHR7:21880410	SSF x LoA	-8,128	-0,043	0,287
CHR7	21880439	CHR7:21880439	SSF x LoA	-9,914	-0,030	0,281
CHR7	2188268	CHR7:2188268	SSF x LoA	-6,220	-0,106	0,290
CHR7	21893406	CHR7:21893406	SSF x LoA	-9,132	-0,083	0,284
CHR7	21893631	CHR7:21893631	SSF x LoA	-7,458	-0,087	0,284
CHR7	21897054	CHR7:21897054	SSF x LoA	-6,708	-0,135	0,285

CHR7	21897112	CHR7:21897112	SSF x LoA	-8,997	0,090	0,286
CHR7	21897195	CHR7:21897195	SSF x LoA	-10,312	0,064	0,295
CHR7	21897359	CHR7:21897359	SSF x LoA	-7,508	0,170	0,278
CHR7	2191432	CHR7:2191432	SSF x LoA	-8,414	0,108	0,272
CHR7	21914320	CHR7:21914320	SSF x LoA	-8,765	0,020	0,310
CHR7	21914499	CHR7:21914499	SSF x LoA	-10,689	0,008	0,295
CHR7	21914569	CHR7:21914569	SSF x LoA	-10,415	-0,085	0,296
CHR7	21914595	CHR7:21914595	SSF x LoA	-2,413	0,218	0,288
CHR7	2191595	CHR7:2191595	SSF x LoA	-10,925	-0,020	0,290
CHR7	21920010	CHR7:21920010	SSF x LoA	-10,588	-0,016	0,294
CHR7	21925479	CHR7:21925479	SSF x LoA	-9,412	-0,019	0,297
CHR7	21925512	CHR7:21925512	SSF x LoA	-8,373	-0,008	0,293
CHR7	21925654	CHR7:21925654	SSF x LoA	-8,747	-0,054	0,297
CHR7	21929205	CHR7:21929205	SSF x LoA	-11,324	-0,031	0,280
CHR7	21929213	CHR7:21929213	SSF x LoA	-4,528	-0,190	0,283
CHR7	21935762	CHR7:21935762	SSF x LoA	-7,230	0,113	0,276
CHR7	21943150	CHR7:21943150	SSF x LoA	-1,419	0,066	0,302
CHR7	21943216	CHR7:21943216	SSF x LoA	-9,358	0,053	0,296
CHR7	21943245	CHR7:21943245	SSF x LoA	-8,125	0,068	0,301
CHR7	2195777	CHR7:2195777	SSF x LoA	-9,842	-0,037	0,294
CHR7	21964055	CHR7:21964055	SSF x LoA	-9,146	-0,050	0,294
CHR7	21990734	CHR7:21990734	SSF x LoA	-9,600	-0,004	0,285
CHR7	21990753	CHR7:21990753	SSF x LoA	-8,690	-0,070	0,291
CHR7	21990784	CHR7:21990784	SSF x LoA	-8,452	0,009	0,295
CHR7	21990795	CHR7:21990795	SSF x LoA	-2,943	-0,117	0,280
CHR7	21990799	CHR7:21990799	SSF x LoA	-8,486	0,007	0,296
CHR7	21994210	CHR7:21994210	SSF x LoA	-4,505	0,157	0,290
CHR7	21994219	CHR7:21994219	SSF x LoA	-9,349	0,050	0,290
CHR7	21994270	CHR7:21994270	SSF x LoA	-8,279	0,020	0,261
CHR7	21994371	CHR7:21994371	SSF x LoA	-3,782	-0,163	0,270
CHR7	21994394	CHR7:21994394	SSF x LoA	-6,414	0,043	0,293
CHR7	21994403	CHR7:21994403	SSF x LoA	-8,298	0,071	0,283
CHR7	22014538	CHR7:22014538	SSF x LoA	-9,285	-0,043	0,292
CHR7	22014559	CHR7:22014559	SSF x LoA	2,421	-0,018	0,289
CHR7	22014612	CHR7:22014612	SSF x LoA	-8,906	-0,061	0,284
CHR7	22014629	CHR7:22014629	SSF x LoA	-7,375	-0,055	0,285
CHR7	22014647	CHR7:22014647	SSF x LoA	-11,697	0,040	0,283
CHR7	22014649	CHR7:22014649	SSF x LoA	-8,578	0,011	0,289
CHR7	22014650	CHR7:22014650	SSF x LoA	-9,440	-0,004	0,288
CHR7	22014677	CHR7:22014677	SSF x LoA	-10,794	0,045	0,288
CHR7	22014885	CHR7:22014885	SSF x LoA	-7,550	0,085	0,301
CHR7	22014892	CHR7:22014892	SSF x LoA	-8,594	0,056	0,301
CHR7	22030941	CHR7:22030941	SSF x LoA	-6,908	-0,144	0,269
CHR7	2206369	CHR7:2206369	SSF x LoA	-8,490	0,040	0,304
CHR7	22063821	CHR7:22063821	SSF x LoA	-10,349	0,063	0,299
CHR7	2206491	CHR7:2206491	SSF x LoA	-9,538	-0,024	0,299
CHR7	2206665	CHR7:2206665	SSF x LoA	-8,225	-0,195	0,269
CHR7	22068252	CHR7:22068252	SSF x LoA	-8,466	-0,036	0,286
CHR7	22068272	CHR7:22068272	SSF x LoA	-7,879	0,076	0,299
CHR7	22068274	CHR7:22068274	SSF x LoA	-8,342	0,103	0,277
CHR7	22068277	CHR7:22068277	SSF x LoA	-10,551	0,017	0,294
CHR7	22068394	CHR7:22068394	SSF x LoA	-6,827	0,122	0,284
CHR7	22096700	CHR7:22096700	SSF x LoA	-9,391	-0,029	0,276

CHR7	22096733	CHR7:22096733	SSF x LoA	-7,765	0,005	0,278
CHR7	22103081	CHR7:22103081	SSF x LoA	-7,382	0,061	0,290
CHR7	22103163	CHR7:22103163	SSF x LoA	-9,932	-0,030	0,293
CHR7	22103188	CHR7:22103188	SSF x LoA	-9,618	-0,050	0,289
CHR7	22103248	CHR7:22103248	SSF x LoA	-6,568	-0,073	0,307
CHR7	22103467	CHR7:22103467	SSF x LoA	-8,267	-0,071	0,283
CHR7	22126899	CHR7:22126899	SSF x LoA	-5,827	0,151	0,278
CHR7	22135508	CHR7:22135508	SSF x LoA	-7,121	0,107	0,290
CHR7	22146207	CHR7:22146207	SSF x LoA	-9,227	-0,040	0,287
CHR7	22146211	CHR7:22146211	SSF x LoA	-9,629	-0,004	0,293
CHR7	22167281	CHR7:22167281	SSF x LoA	-8,335	-0,036	0,297
CHR7	22172189	CHR7:22172189	SSF x LoA	-10,274	0,043	0,285
CHR7	2219220	CHR7:2219220	SSF x LoA	-7,118	-0,125	0,285
CHR7	2219300	CHR7:2219300	SSF x LoA	-9,531	0,011	0,292
CHR7	2219329	CHR7:2219329	SSF x LoA	-7,632	-0,102	0,287
CHR7	22197998	CHR7:22197998	SSF x LoA	-7,472	0,029	0,307
CHR7	22198010	CHR7:22198010	SSF x LoA	-7,371	0,121	0,291
CHR7	22198014	CHR7:22198014	SSF x LoA	-7,404	0,076	0,275
CHR7	22198052	CHR7:22198052	SSF x LoA	-10,112	-0,026	0,290
CHR7	22198064	CHR7:22198064	SSF x LoA	-5,628	0,184	0,282
CHR7	22199245	CHR7:22199245	SSF x LoA	-7,915	-0,032	0,304
CHR7	22199444	CHR7:22199444	SSF x LoA	-9,357	-0,083	0,277
CHR7	22203522	CHR7:22203522	SSF x LoA	-9,417	-0,075	0,288
CHR7	22203526	CHR7:22203526	SSF x LoA	-9,191	-0,088	0,295
CHR7	22203538	CHR7:22203538	SSF x LoA	-7,166	-0,100	0,276
CHR7	22203544	CHR7:22203544	SSF x LoA	-11,212	-0,074	0,290
CHR7	22203545	CHR7:22203545	SSF x LoA	-8,467	-0,126	0,302
CHR7	22203617	CHR7:22203617	SSF x LoA	-9,721	-0,090	0,295
CHR7	22203654	CHR7:22203654	SSF x LoA	-8,612	-0,069	0,298
CHR7	22203676	CHR7:22203676	SSF x LoA	-8,715	-0,061	0,282
CHR7	22203756	CHR7:22203756	SSF x LoA	-6,961	-0,023	0,291
CHR7	22205985	CHR7:22205985	SSF x LoA	-3,692	0,167	0,275
CHR7	22206285	CHR7:22206285	SSF x LoA	-10,266	0,053	0,277
CHR7	22211275	CHR7:22211275	SSF x LoA	-7,990	-0,049	0,311
CHR7	22211279	CHR7:22211279	SSF x LoA	-9,016	-0,065	0,286
CHR7	22211281	CHR7:22211281	SSF x LoA	-9,539	-0,048	0,279
CHR7	22211330	CHR7:22211330	SSF x LoA	-8,685	-0,061	0,294
CHR7	22217277	CHR7:22217277	SSF x LoA	-10,077	-0,085	0,280
CHR7	22217372	CHR7:22217372	SSF x LoA	-6,910	0,067	0,278
CHR7	22222089	CHR7:22222089	SSF x LoA	-4,444	0,070	0,284
CHR7	22222208	CHR7:22222208	SSF x LoA	-9,945	-0,014	0,287
CHR7	22223596	CHR7:22223596	SSF x LoA	-9,016	0,008	0,312
CHR7	22228323	CHR7:22228323	SSF x LoA	-6,481	-0,045	0,288
CHR7	2223061	CHR7:2223061	SSF x LoA	-8,498	-0,013	0,290
CHR7	2223133	CHR7:2223133	SSF x LoA	16,404	0,180	0,284
CHR7	2223155	CHR7:2223155	SSF x LoA	-5,166	0,179	0,284
CHR7	2223177	CHR7:2223177	SSF x LoA	-1,069	0,197	0,278
CHR7	2223230	CHR7:2223230	SSF x LoA	-8,636	-0,063	0,289
CHR7	2223231	CHR7:2223231	SSF x LoA	-4,681	-0,033	0,281
CHR7	22241556	CHR7:22241556	SSF x LoA	-9,555	0,086	0,282
CHR7	22241709	CHR7:22241709	SSF x LoA	-8,541	0,013	0,293
CHR7	22241787	CHR7:22241787	SSF x LoA	-11,054	-0,007	0,298
CHR7	22251445	CHR7:22251445	SSF x LoA	-8,012	-0,118	0,289

CHR7	22251543	CHR7:22251543	SSF x LoA	-5,560	-0,094	0,300
CHR7	22270925	CHR7:22270925	SSF x LoA	-7,406	-0,115	0,285
CHR7	22278917	CHR7:22278917	SSF x LoA	-9,248	-0,075	0,279
CHR7	22279036	CHR7:22279036	SSF x LoA	-11,332	-0,012	0,283
CHR7	22279063	CHR7:22279063	SSF x LoA	-8,860	0,125	0,300
CHR7	22279140	CHR7:22279140	SSF x LoA	-8,631	0,100	0,290
CHR7	22282905	CHR7:22282905	SSF x LoA	-10,687	-0,096	0,290
CHR7	22282995	CHR7:22282995	SSF x LoA	-5,493	-0,096	0,295
CHR7	22283038	CHR7:22283038	SSF x LoA	-8,003	0,070	0,286
CHR7	22283045	CHR7:22283045	SSF x LoA	-6,557	0,101	0,269
CHR7	22283056	CHR7:22283056	SSF x LoA	-9,795	0,056	0,288
CHR7	22309572	CHR7:22309572	SSF x LoA	-9,295	0,041	0,286
CHR7	22313298	CHR7:22313298	SSF x LoA	-8,987	-0,089	0,304
CHR7	22313355	CHR7:22313355	SSF x LoA	-8,579	0,113	0,300
CHR7	22313424	CHR7:22313424	SSF x LoA	-2,386	0,018	0,282
CHR7	22320004	CHR7:22320004	SSF x LoA	-7,642	0,152	0,287
CHR7	22320026	CHR7:22320026	SSF x LoA	-9,961	0,033	0,287
CHR7	22322721	CHR7:22322721	SSF x LoA	-8,172	-0,008	0,296
CHR7	22322748	CHR7:22322748	SSF x LoA	-2,074	0,054	0,304
CHR7	22322767	CHR7:22322767	SSF x LoA	-8,831	-0,059	0,312
CHR7	22322768	CHR7:22322768	SSF x LoA	-9,085	0,001	0,280
CHR7	22322819	CHR7:22322819	SSF x LoA	-9,139	0,014	0,280
CHR7	22322838	CHR7:22322838	SSF x LoA	-6,599	0,076	0,289
CHR7	22322873	CHR7:22322873	SSF x LoA	-8,034	-0,079	0,285
CHR7	22328236	CHR7:22328236	SSF x LoA	-11,298	0,023	0,282
CHR7	22328315	CHR7:22328315	SSF x LoA	-8,435	0,052	0,284
CHR7	22329951	CHR7:22329951	SSF x LoA	-8,595	0,074	0,299
CHR7	22329964	CHR7:22329964	SSF x LoA	-7,991	-0,011	0,267
CHR7	22330018	CHR7:22330018	SSF x LoA	-4,701	0,170	0,293
CHR7	22330034	CHR7:22330034	SSF x LoA	-10,733	-0,078	0,287
CHR7	22330036	CHR7:22330036	SSF x LoA	-10,561	-0,001	0,283
CHR7	22330039	CHR7:22330039	SSF x LoA	-6,777	0,120	0,292
CHR7	22330137	CHR7:22330137	SSF x LoA	-10,194	-0,048	0,293
CHR7	22330218	CHR7:22330218	SSF x LoA	-5,772	0,208	0,288
CHR7	2233064	CHR7:2233064	SSF x LoA	-8,626	0,022	0,298
CHR7	2233124	CHR7:2233124	SSF x LoA	-9,549	0,021	0,272
CHR7	2233150	CHR7:2233150	SSF x LoA	-9,439	0,007	0,291
CHR7	22371448	CHR7:22371448	SSF x LoA	-8,896	0,029	0,289
CHR7	22378774	CHR7:22378774	SSF x LoA	-10,068	-0,067	0,290
CHR7	22378888	CHR7:22378888	SSF x LoA	-11,169	0,007	0,289
CHR7	22378924	CHR7:22378924	SSF x LoA	-8,576	-0,003	0,293
CHR7	22378946	CHR7:22378946	SSF x LoA	-9,860	-0,002	0,283
CHR7	22378948	CHR7:22378948	SSF x LoA	-8,483	-0,033	0,281
CHR7	22378949	CHR7:22378949	SSF x LoA	-5,717	-0,012	0,285
CHR7	22379005	CHR7:22379005	SSF x LoA	-8,565	-0,095	0,301
CHR7	22383654	CHR7:22383654	SSF x LoA	-11,752	0,016	0,283
CHR7	22383888	CHR7:22383888	SSF x LoA	-9,679	-0,004	0,300
CHR7	22383895	CHR7:22383895	SSF x LoA	-9,630	-0,008	0,288
CHR7	22385107	CHR7:22385107	SSF x LoA	-6,361	0,097	0,298
CHR7	22388246	CHR7:22388246	SSF x LoA	-8,215	0,002	0,292
CHR7	22388344	CHR7:22388344	SSF x LoA	-7,568	0,115	0,291
CHR7	22388359	CHR7:22388359	SSF x LoA	-8,974	-0,043	0,277
CHR7	22394865	CHR7:22394865	SSF x LoA	-7,497	-0,032	0,303

CHR7	2240147	CHR7:2240147	SSF x LoA	-8,378	0,136	0,285
CHR7	22414944	CHR7:22414944	SSF x LoA	-7,391	0,028	0,279
CHR7	22415065	CHR7:22415065	SSF x LoA	-7,498	-0,141	0,293
CHR7	22415092	CHR7:22415092	SSF x LoA	-10,339	-0,074	0,294
CHR7	2242676	CHR7:2242676	SSF x LoA	-8,307	0,087	0,290
CHR7	2242682	CHR7:2242682	SSF x LoA	-9,086	-0,062	0,272
CHR7	22436937	CHR7:22436937	SSF x LoA	-11,564	-0,067	0,293
CHR7	22436941	CHR7:22436941	SSF x LoA	-11,687	-0,049	0,286
CHR7	22437018	CHR7:22437018	SSF x LoA	-9,028	-0,032	0,285
CHR7	22437026	CHR7:22437026	SSF x LoA	-6,077	-0,027	0,288
CHR7	22437100	CHR7:22437100	SSF x LoA	-9,408	-0,049	0,282
CHR7	22437239	CHR7:22437239	SSF x LoA	-10,006	-0,002	0,319
CHR7	22463470	CHR7:22463470	SSF x LoA	-10,639	0,080	0,302
CHR7	22469187	CHR7:22469187	SSF x LoA	-11,048	-0,049	0,273
CHR7	22469372	CHR7:22469372	SSF x LoA	-8,439	-0,023	0,284
CHR7	2247556	CHR7:2247556	SSF x LoA	-8,952	0,075	0,296
CHR7	2247739	CHR7:2247739	SSF x LoA	-6,502	-0,044	0,287
CHR7	2247785	CHR7:2247785	SSF x LoA	-10,690	-0,056	0,286
CHR7	2247846	CHR7:2247846	SSF x LoA	-8,875	-0,060	0,299
CHR7	2247874	CHR7:2247874	SSF x LoA	-9,336	-0,106	0,292
CHR7	2247889	CHR7:2247889	SSF x LoA	-9,526	-0,117	0,286
CHR7	22485659	CHR7:22485659	SSF x LoA	-8,820	-0,031	0,300
CHR7	22485676	CHR7:22485676	SSF x LoA	-10,994	0,076	0,295
CHR7	22485808	CHR7:22485808	SSF x LoA	-10,365	0,076	0,286
CHR7	22485828	CHR7:22485828	SSF x LoA	-8,894	0,057	0,294
CHR7	22485839	CHR7:22485839	SSF x LoA	-11,629	0,014	0,286
CHR7	22485903	CHR7:22485903	SSF x LoA	-5,815	0,018	0,286
CHR7	22485927	CHR7:22485927	SSF x LoA	-8,092	0,006	0,288
CHR7	22493909	CHR7:22493909	SSF x LoA	-4,127	-0,114	0,293
CHR7	22493982	CHR7:22493982	SSF x LoA	-6,657	-0,149	0,289
CHR7	22494003	CHR7:22494003	SSF x LoA	-8,895	-0,023	0,301
CHR7	22494012	CHR7:22494012	SSF x LoA	-9,149	0,071	0,298
CHR7	22494088	CHR7:22494088	SSF x LoA	-5,688	0,052	0,282
CHR7	22494130	CHR7:22494130	SSF x LoA	-7,200	0,043	0,294
CHR7	22496887	CHR7:22496887	SSF x LoA	-8,406	0,168	0,290
CHR7	22497060	CHR7:22497060	SSF x LoA	-7,999	-0,057	0,305
CHR7	22497254	CHR7:22497254	SSF x LoA	-8,198	0,031	0,305
CHR7	22497269	CHR7:22497269	SSF x LoA	-8,491	0,015	0,297
CHR7	22499548	CHR7:22499548	SSF x LoA	-8,179	0,087	0,295
CHR7	22499566	CHR7:22499566	SSF x LoA	-8,693	0,003	0,300
CHR7	22499605	CHR7:22499605	SSF x LoA	-6,820	-0,069	0,272
CHR7	22499627	CHR7:22499627	SSF x LoA	-8,133	-0,073	0,289
CHR7	22499635	CHR7:22499635	SSF x LoA	-6,470	-0,099	0,295
CHR7	22499638	CHR7:22499638	SSF x LoA	0,071	-0,084	0,283
CHR7	22501697	CHR7:22501697	SSF x LoA	-9,154	-0,036	0,291
CHR7	22504861	CHR7:22504861	SSF x LoA	-8,904	-0,012	0,297
CHR7	22504893	CHR7:22504893	SSF x LoA	-6,800	-0,065	0,298
CHR7	22504894	CHR7:22504894	SSF x LoA	-7,277	-0,071	0,294
CHR7	22504912	CHR7:22504912	SSF x LoA	-8,781	0,056	0,289
CHR7	22508422	CHR7:22508422	SSF x LoA	-10,989	0,057	0,295
CHR7	2251851	CHR7:2251851	SSF x LoA	-6,820	-0,022	0,276
CHR7	2251858	CHR7:2251858	SSF x LoA	-5,751	0,118	0,285
CHR7	2251930	CHR7:2251930	SSF x LoA	-0,317	0,115	0,297

CHR7	22523864	CHR7:22523864	SSF x LoA	-10,841	0,002	0,293
CHR7	22523952	CHR7:22523952	SSF x LoA	-7,974	-0,053	0,303
CHR7	22535387	CHR7:22535387	SSF x LoA	-6,243	0,013	0,303
CHR7	22545674	CHR7:22545674	SSF x LoA	-11,437	0,035	0,281
CHR7	22545887	CHR7:22545887	SSF x LoA	-5,296	-0,136	0,292
CHR7	22559659	CHR7:22559659	SSF x LoA	-8,324	-0,063	0,278
CHR7	22559661	CHR7:22559661	SSF x LoA	-2,389	-0,058	0,284
CHR7	22563187	CHR7:22563187	SSF x LoA	-10,627	-0,004	0,296
CHR7	22563272	CHR7:22563272	SSF x LoA	-8,478	0,042	0,281
CHR7	22563273	CHR7:22563273	SSF x LoA	-9,027	0,048	0,273
CHR7	22563287	CHR7:22563287	SSF x LoA	-6,182	-0,141	0,272
CHR7	22563347	CHR7:22563347	SSF x LoA	-10,511	-0,077	0,289
CHR7	22563398	CHR7:22563398	SSF x LoA	-10,810	-0,012	0,284
CHR7	22563447	CHR7:22563447	SSF x LoA	-7,821	-0,038	0,302
CHR7	22595069	CHR7:22595069	SSF x LoA	-9,248	-0,086	0,290
CHR7	22598982	CHR7:22598982	SSF x LoA	-9,189	-0,081	0,283
CHR7	22598991	CHR7:22598991	SSF x LoA	-8,146	-0,115	0,290
CHR7	2262131	CHR7:2262131	SSF x LoA	-10,895	-0,021	0,288
CHR7	2262147	CHR7:2262147	SSF x LoA	-9,260	0,013	0,295
CHR7	2262176	CHR7:2262176	SSF x LoA	-5,937	-0,142	0,282
CHR7	2262289	CHR7:2262289	SSF x LoA	-7,815	0,110	0,287
CHR7	2262291	CHR7:2262291	SSF x LoA	-7,781	-0,111	0,279
CHR7	22631625	CHR7:22631625	SSF x LoA	-9,614	-0,066	0,285
CHR7	22631636	CHR7:22631636	SSF x LoA	-10,199	0,065	0,285
CHR7	22631665	CHR7:22631665	SSF x LoA	-10,695	0,044	0,285
CHR7	22631710	CHR7:22631710	SSF x LoA	-8,782	0,027	0,289
CHR7	22631728	CHR7:22631728	SSF x LoA	-4,694	0,040	0,300
CHR7	22631731	CHR7:22631731	SSF x LoA	-10,547	-0,008	0,303
CHR7	22631740	CHR7:22631740	SSF x LoA	-9,539	0,063	0,289
CHR7	22631864	CHR7:22631864	SSF x LoA	-7,661	0,105	0,268
CHR7	22631908	CHR7:22631908	SSF x LoA	-8,395	0,062	0,281
CHR7	22654910	CHR7:22654910	SSF x LoA	-9,962	-0,004	0,281
CHR7	22654968	CHR7:22654968	SSF x LoA	-8,408	0,092	0,294
CHR7	22654969	CHR7:22654969	SSF x LoA	-8,685	0,067	0,295
CHR7	22662021	CHR7:22662021	SSF x LoA	1,201	0,070	0,292
CHR7	22662028	CHR7:22662028	SSF x LoA	-11,150	0,005	0,296
CHR7	22662204	CHR7:22662204	SSF x LoA	-11,213	-0,015	0,279
CHR7	22676912	CHR7:22676912	SSF x LoA	-9,027	-0,065	0,280
CHR7	22676965	CHR7:22676965	SSF x LoA	-5,239	-0,071	0,264
CHR7	22676995	CHR7:22676995	SSF x LoA	-5,329	0,051	0,294
CHR7	22677055	CHR7:22677055	SSF x LoA	-9,635	-0,033	0,280
CHR7	2269822	CHR7:2269822	SSF x LoA	-8,628	0,066	0,291
CHR7	22738663	CHR7:22738663	SSF x LoA	-6,231	0,134	0,276
CHR7	22738740	CHR7:22738740	SSF x LoA	-9,603	0,104	0,290
CHR7	22739605	CHR7:22739605	SSF x LoA	-7,828	-0,011	0,287
CHR7	22746949	CHR7:22746949	SSF x LoA	-6,707	-0,050	0,302
CHR7	22746951	CHR7:22746951	SSF x LoA	-9,647	0,123	0,281
CHR7	22746974	CHR7:22746974	SSF x LoA	-8,105	0,013	0,278
CHR7	22747045	CHR7:22747045	SSF x LoA	-8,534	-0,066	0,287
CHR7	22747054	CHR7:22747054	SSF x LoA	-10,261	0,033	0,288
CHR7	22747085	CHR7:22747085	SSF x LoA	-3,395	0,162	0,292
CHR7	22747096	CHR7:22747096	SSF x LoA	-7,796	0,075	0,295
CHR7	22747105	CHR7:22747105	SSF x LoA	-7,902	-0,102	0,286

CHR7	22747109	CHR7:22747109	SSF x LoA	-7,986	-0,165	0,275
CHR7	22747134	CHR7:22747134	SSF x LoA	-9,957	0,007	0,294
CHR7	22747137	CHR7:22747137	SSF x LoA	-8,229	-0,058	0,293
CHR7	22748060	CHR7:22748060	SSF x LoA	-8,968	-0,014	0,297
CHR7	22748063	CHR7:22748063	SSF x LoA	-6,308	-0,166	0,293
CHR7	22753186	CHR7:22753186	SSF x LoA	-10,185	-0,022	0,296
CHR7	22753275	CHR7:22753275	SSF x LoA	-8,761	-0,027	0,282
CHR7	22753291	CHR7:22753291	SSF x LoA	-10,200	0,032	0,291
CHR7	2276131	CHR7:2276131	SSF x LoA	-10,119	0,069	0,287
CHR7	2276132	CHR7:2276132	SSF x LoA	-7,058	0,070	0,293
CHR7	2276148	CHR7:2276148	SSF x LoA	-9,612	-0,131	0,299
CHR7	22761539	CHR7:22761539	SSF x LoA	-8,312	0,134	0,286
CHR7	22761546	CHR7:22761546	SSF x LoA	-10,845	0,044	0,283
CHR7	2276155	CHR7:2276155	SSF x LoA	-8,588	0,040	0,284
CHR7	22761690	CHR7:22761690	SSF x LoA	-2,038	-0,087	0,288
CHR7	2276283	CHR7:2276283	SSF x LoA	-6,599	0,153	0,283
CHR7	22764126	CHR7:22764126	SSF x LoA	-9,569	0,041	0,306
CHR7	22764199	CHR7:22764199	SSF x LoA	-7,912	0,042	0,293
CHR7	22764287	CHR7:22764287	SSF x LoA	-7,244	-0,103	0,289
CHR7	22764339	CHR7:22764339	SSF x LoA	-7,910	-0,028	0,286
CHR7	22771295	CHR7:22771295	SSF x LoA	-9,862	-0,001	0,280
CHR7	22771353	CHR7:22771353	SSF x LoA	-9,785	0,048	0,307
CHR7	22771387	CHR7:22771387	SSF x LoA	-8,258	-0,081	0,307
CHR7	22771411	CHR7:22771411	SSF x LoA	-2,023	-0,005	0,289
CHR7	22772411	CHR7:22772411	SSF x LoA	-9,454	0,061	0,281
CHR7	22773902	CHR7:22773902	SSF x LoA	-5,018	0,235	0,281
CHR7	22773908	CHR7:22773908	SSF x LoA	-7,725	0,056	0,284
CHR7	22773916	CHR7:22773916	SSF x LoA	-7,318	0,037	0,290
CHR7	22773940	CHR7:22773940	SSF x LoA	-8,784	0,071	0,294
CHR7	22773941	CHR7:22773941	SSF x LoA	-3,159	0,032	0,284
CHR7	22773956	CHR7:22773956	SSF x LoA	-4,862	-0,100	0,290
CHR7	22774115	CHR7:22774115	SSF x LoA	-8,818	0,090	0,270
CHR7	22778729	CHR7:22778729	SSF x LoA	-8,030	-0,045	0,281
CHR7	22778739	CHR7:22778739	SSF x LoA	-9,469	-0,014	0,286
CHR7	22778792	CHR7:22778792	SSF x LoA	-8,692	0,002	0,288
CHR7	22778994	CHR7:22778994	SSF x LoA	-8,430	0,003	0,295
CHR7	22779012	CHR7:22779012	SSF x LoA	-8,250	-0,051	0,299
CHR7	22779021	CHR7:22779021	SSF x LoA	-9,296	-0,020	0,267
CHR7	22779055	CHR7:22779055	SSF x LoA	-9,494	0,083	0,293
CHR7	22779059	CHR7:22779059	SSF x LoA	-10,712	0,075	0,288
CHR7	2277932	CHR7:2277932	SSF x LoA	-5,570	0,007	0,280
CHR7	2277946	CHR7:2277946	SSF x LoA	-8,948	-0,001	0,287
CHR7	22785395	CHR7:22785395	SSF x LoA	-9,275	-0,007	0,296
CHR7	22785414	CHR7:22785414	SSF x LoA	-9,226	-0,003	0,288
CHR7	22785418	CHR7:22785418	SSF x LoA	-8,656	-0,030	0,308
CHR7	22785661	CHR7:22785661	SSF x LoA	-7,576	-0,139	0,278
CHR7	22785686	CHR7:22785686	SSF x LoA	-9,969	-0,023	0,280
CHR7	22785718	CHR7:22785718	SSF x LoA	-8,141	-0,048	0,268
CHR7	22809879	CHR7:22809879	SSF x LoA	-9,063	0,070	0,281
CHR7	22810500	CHR7:22810500	SSF x LoA	-10,601	-0,050	0,281
CHR7	22810551	CHR7:22810551	SSF x LoA	-7,296	-0,027	0,296
CHR7	22813973	CHR7:22813973	SSF x LoA	-9,082	0,005	0,302
CHR7	22820231	CHR7:22820231	SSF x LoA	-8,357	0,092	0,292

CHR7	2282038	CHR7:2282038	SSF x LoA	-9,314	-0,076	0,295
CHR7	22821844	CHR7:22821844	SSF x LoA	-7,945	-0,072	0,292
CHR7	22828762	CHR7:22828762	SSF x LoA	-9,181	0,047	0,292
CHR7	22828875	CHR7:22828875	SSF x LoA	-7,849	0,150	0,290
CHR7	22833981	CHR7:22833981	SSF x LoA	-9,646	-0,016	0,283
CHR7	22834004	CHR7:22834004	SSF x LoA	-9,724	0,005	0,292
CHR7	22834005	CHR7:22834005	SSF x LoA	-10,408	0,021	0,294
CHR7	22834010	CHR7:22834010	SSF x LoA	-11,408	-0,014	0,286
CHR7	22834012	CHR7:22834012	SSF x LoA	-10,481	-0,030	0,301
CHR7	22834014	CHR7:22834014	SSF x LoA	-10,694	0,023	0,295
CHR7	22839547	CHR7:22839547	SSF x LoA	-8,399	0,112	0,293
CHR7	22839557	CHR7:22839557	SSF x LoA	-9,159	0,009	0,298
CHR7	22839559	CHR7:22839559	SSF x LoA	-8,335	0,033	0,293
CHR7	22839581	CHR7:22839581	SSF x LoA	-7,687	0,063	0,305
CHR7	22839709	CHR7:22839709	SSF x LoA	-9,381	-0,021	0,301
CHR7	228485	CHR7:228485	SSF x LoA	-10,132	0,031	0,293
CHR7	228564	CHR7:228564	SSF x LoA	-9,641	-0,059	0,302
CHR7	228580	CHR7:228580	SSF x LoA	-8,704	-0,028	0,296
CHR7	22871152	CHR7:22871152	SSF x LoA	-10,302	-0,063	0,283
CHR7	22871340	CHR7:22871340	SSF x LoA	-11,168	-0,054	0,301
CHR7	22871517	CHR7:22871517	SSF x LoA	-7,837	0,043	0,300
CHR7	22883437	CHR7:22883437	SSF x LoA	-9,963	-0,062	0,301
CHR7	22883500	CHR7:22883500	SSF x LoA	-7,685	0,087	0,287
CHR7	22883559	CHR7:22883559	SSF x LoA	-8,297	-0,057	0,300
CHR7	22883570	CHR7:22883570	SSF x LoA	-7,745	0,098	0,294
CHR7	22908789	CHR7:22908789	SSF x LoA	-10,143	0,033	0,275
CHR7	22917884	CHR7:22917884	SSF x LoA	-6,856	0,123	0,271
CHR7	22917957	CHR7:22917957	SSF x LoA	-7,285	-0,042	0,295
CHR7	22918000	CHR7:22918000	SSF x LoA	-5,283	0,248	0,283
CHR7	2294577	CHR7:2294577	SSF x LoA	-9,023	-0,088	0,295
CHR7	2294699	CHR7:2294699	SSF x LoA	-7,476	-0,082	0,298
CHR7	22961618	CHR7:22961618	SSF x LoA	-8,808	0,087	0,293
CHR7	22961654	CHR7:22961654	SSF x LoA	-6,120	0,040	0,282
CHR7	22961663	CHR7:22961663	SSF x LoA	-7,682	0,031	0,289
CHR7	22961684	CHR7:22961684	SSF x LoA	-8,704	-0,022	0,288
CHR7	22961720	CHR7:22961720	SSF x LoA	-8,077	-0,071	0,296
CHR7	22961747	CHR7:22961747	SSF x LoA	-5,454	-0,073	0,302
CHR7	22961750	CHR7:22961750	SSF x LoA	-6,868	-0,078	0,289
CHR7	22961780	CHR7:22961780	SSF x LoA	-7,614	-0,067	0,293
CHR7	22961816	CHR7:22961816	SSF x LoA	-5,455	0,196	0,283
CHR7	22961834	CHR7:22961834	SSF x LoA	-6,719	0,147	0,294
CHR7	22961873	CHR7:22961873	SSF x LoA	-9,794	0,043	0,303
CHR7	22961948	CHR7:22961948	SSF x LoA	-8,220	-0,071	0,278
CHR7	2297685	CHR7:2297685	SSF x LoA	-9,342	0,094	0,284
CHR7	22980863	CHR7:22980863	SSF x LoA	-11,479	0,040	0,285
CHR7	22981044	CHR7:22981044	SSF x LoA	-8,845	0,066	0,290
CHR7	22985785	CHR7:22985785	SSF x LoA	-10,042	0,060	0,277
CHR7	22985808	CHR7:22985808	SSF x LoA	-3,278	-0,240	0,264
CHR7	22985835	CHR7:22985835	SSF x LoA	-6,537	0,125	0,290
CHR7	22985866	CHR7:22985866	SSF x LoA	-11,144	0,065	0,290
CHR7	22987914	CHR7:22987914	SSF x LoA	-8,265	0,146	0,282
CHR7	22987919	CHR7:22987919	SSF x LoA	-8,903	-0,057	0,283
CHR7	23010340	CHR7:23010340	SSF x LoA	-8,858	0,083	0,281

CHR7	23033505	CHR7:23033505	SSF x LoA	-8,593	-0,027	0,296
CHR7	23033626	CHR7:23033626	SSF x LoA	-10,189	-0,068	0,284
CHR7	23033669	CHR7:23033669	SSF x LoA	-7,651	0,111	0,288
CHR7	23035961	CHR7:23035961	SSF x LoA	-8,867	-0,094	0,272
CHR7	23036084	CHR7:23036084	SSF x LoA	-7,877	-0,024	0,295
CHR7	23036113	CHR7:23036113	SSF x LoA	-5,463	0,084	0,294
CHR7	23036119	CHR7:23036119	SSF x LoA	-7,255	-0,062	0,291
CHR7	23041110	CHR7:23041110	SSF x LoA	-9,141	0,001	0,296
CHR7	23041129	CHR7:23041129	SSF x LoA	-8,440	0,002	0,299
CHR7	23046712	CHR7:23046712	SSF x LoA	-9,715	-0,058	0,289
CHR7	23046923	CHR7:23046923	SSF x LoA	-10,160	0,042	0,315
CHR7	23046932	CHR7:23046932	SSF x LoA	-9,737	-0,044	0,292
CHR7	2305821	CHR7:2305821	SSF x LoA	-9,177	0,017	0,288
CHR7	2305824	CHR7:2305824	SSF x LoA	-8,630	0,033	0,292
CHR7	2305835	CHR7:2305835	SSF x LoA	-10,399	0,031	0,293
CHR7	23069767	CHR7:23069767	SSF x LoA	-8,142	0,090	0,283
CHR7	23072251	CHR7:23072251	SSF x LoA	-7,675	0,036	0,289
CHR7	23072290	CHR7:23072290	SSF x LoA	-8,607	0,052	0,306
CHR7	23077481	CHR7:23077481	SSF x LoA	-10,615	0,000	0,287
CHR7	23079796	CHR7:23079796	SSF x LoA	-9,804	0,107	0,287
CHR7	23080009	CHR7:23080009	SSF x LoA	-4,427	-0,075	0,290
CHR7	23088238	CHR7:23088238	SSF x LoA	-10,673	0,015	0,300
CHR7	23088243	CHR7:23088243	SSF x LoA	-2,416	-0,151	0,298
CHR7	23088343	CHR7:23088343	SSF x LoA	-7,430	-0,080	0,301
CHR7	23088354	CHR7:23088354	SSF x LoA	-1,226	-0,230	0,257
CHR7	23088473	CHR7:23088473	SSF x LoA	-10,267	0,055	0,298
CHR7	23096112	CHR7:23096112	SSF x LoA	-10,614	-0,082	0,290
CHR7	23098970	CHR7:23098970	SSF x LoA	-5,978	0,054	0,299
CHR7	23099002	CHR7:23099002	SSF x LoA	-8,203	0,077	0,281
CHR7	23099038	CHR7:23099038	SSF x LoA	-8,851	0,029	0,288
CHR7	23099067	CHR7:23099067	SSF x LoA	-7,973	0,026	0,286
CHR7	23115686	CHR7:23115686	SSF x LoA	-9,952	0,028	0,280
CHR7	23115773	CHR7:23115773	SSF x LoA	-7,882	-0,068	0,295
CHR7	23125794	CHR7:23125794	SSF x LoA	-8,951	0,036	0,291
CHR7	23133392	CHR7:23133392	SSF x LoA	-9,562	-0,094	0,283
CHR7	23133488	CHR7:23133488	SSF x LoA	-10,006	-0,011	0,290
CHR7	23133568	CHR7:23133568	SSF x LoA	-9,423	-0,033	0,279
CHR7	23153460	CHR7:23153460	SSF x LoA	-8,021	-0,008	0,280
CHR7	23153518	CHR7:23153518	SSF x LoA	-7,477	-0,077	0,284
CHR7	23153644	CHR7:23153644	SSF x LoA	-8,115	0,036	0,297
CHR7	23190365	CHR7:23190365	SSF x LoA	-8,327	-0,129	0,278
CHR7	23190445	CHR7:23190445	SSF x LoA	-8,055	0,003	0,275
CHR7	23190478	CHR7:23190478	SSF x LoA	-7,346	0,039	0,294
CHR7	23190480	CHR7:23190480	SSF x LoA	-7,688	0,081	0,295
CHR7	2319426	CHR7:2319426	SSF x LoA	-8,838	-0,124	0,289
CHR7	23202630	CHR7:23202630	SSF x LoA	-8,088	0,151	0,294
CHR7	23202646	CHR7:23202646	SSF x LoA	-5,286	0,182	0,287
CHR7	23202683	CHR7:23202683	SSF x LoA	-4,985	0,152	0,282
CHR7	23202783	CHR7:23202783	SSF x LoA	-10,160	-0,033	0,288
CHR7	23202784	CHR7:23202784	SSF x LoA	-6,559	-0,108	0,290
CHR7	23202837	CHR7:23202837	SSF x LoA	-8,691	0,021	0,301
CHR7	23202847	CHR7:23202847	SSF x LoA	-7,546	-0,022	0,291
CHR7	23202853	CHR7:23202853	SSF x LoA	-6,280	-0,089	0,295

CHR7	23202864	CHR7:23202864	SSF x LoA	-7,988	0,169	0,276
CHR7	23202873	CHR7:23202873	SSF x LoA	-8,543	0,007	0,296
CHR7	23204537	CHR7:23204537	SSF x LoA	-8,209	0,118	0,268
CHR7	23204546	CHR7:23204546	SSF x LoA	-10,609	-0,059	0,276
CHR7	23204547	CHR7:23204547	SSF x LoA	-8,471	-0,063	0,270
CHR7	23204588	CHR7:23204588	SSF x LoA	-9,437	0,028	0,261
CHR7	23205248	CHR7:23205248	SSF x LoA	-10,262	0,028	0,277
CHR7	23205251	CHR7:23205251	SSF x LoA	-7,769	-0,029	0,294
CHR7	23205341	CHR7:23205341	SSF x LoA	-10,690	0,070	0,283
CHR7	23205363	CHR7:23205363	SSF x LoA	-7,665	0,005	0,298
CHR7	23205373	CHR7:23205373	SSF x LoA	-8,595	-0,029	0,296
CHR7	23212640	CHR7:23212640	SSF x LoA	-8,557	-0,063	0,285
CHR7	23212664	CHR7:23212664	SSF x LoA	-6,558	-0,103	0,280
CHR7	23212702	CHR7:23212702	SSF x LoA	-8,990	-0,105	0,278
CHR7	23212822	CHR7:23212822	SSF x LoA	-9,989	-0,051	0,285
CHR7	23212825	CHR7:23212825	SSF x LoA	-5,702	0,136	0,295
CHR7	23212846	CHR7:23212846	SSF x LoA	-11,136	-0,064	0,297
CHR7	23220625	CHR7:23220625	SSF x LoA	-6,706	0,094	0,289
CHR7	23223712	CHR7:23223712	SSF x LoA	-8,780	-0,054	0,282
CHR7	23236427	CHR7:23236427	SSF x LoA	-9,033	0,007	0,276
CHR7	23236440	CHR7:23236440	SSF x LoA	-8,809	-0,048	0,292
CHR7	23238782	CHR7:23238782	SSF x LoA	-10,083	0,096	0,287
CHR7	23238872	CHR7:23238872	SSF x LoA	-6,822	0,139	0,296
CHR7	23238880	CHR7:23238880	SSF x LoA	-6,789	-0,200	0,271
CHR7	23238891	CHR7:23238891	SSF x LoA	-7,363	0,090	0,291
CHR7	23238896	CHR7:23238896	SSF x LoA	-7,685	-0,028	0,291
CHR7	23238900	CHR7:23238900	SSF x LoA	-9,712	0,016	0,294
CHR7	23238949	CHR7:23238949	SSF x LoA	-6,370	-0,090	0,298
CHR7	23240092	CHR7:23240092	SSF x LoA	-7,500	-0,161	0,277
CHR7	23255742	CHR7:23255742	SSF x LoA	-10,561	0,011	0,293
CHR7	23255950	CHR7:23255950	SSF x LoA	-5,179	-0,056	0,282
CHR7	23260711	CHR7:23260711	SSF x LoA	-9,243	-0,043	0,296
CHR7	23261051	CHR7:23261051	SSF x LoA	-7,709	-0,096	0,282
CHR7	23265380	CHR7:23265380	SSF x LoA	-9,025	-0,033	0,288
CHR7	23265398	CHR7:23265398	SSF x LoA	-9,022	-0,013	0,276
CHR7	23265434	CHR7:23265434	SSF x LoA	-5,821	0,113	0,282
CHR7	23265436	CHR7:23265436	SSF x LoA	-7,573	-0,056	0,301
CHR7	23265469	CHR7:23265469	SSF x LoA	-8,595	-0,057	0,290
CHR7	23265574	CHR7:23265574	SSF x LoA	-4,620	-0,183	0,287
CHR7	23265593	CHR7:23265593	SSF x LoA	-10,688	0,027	0,286
CHR7	2326643	CHR7:2326643	SSF x LoA	-10,593	0,032	0,290
CHR7	2326657	CHR7:2326657	SSF x LoA	-8,115	0,019	0,302
CHR7	2326709	CHR7:2326709	SSF x LoA	-7,853	0,030	0,297
CHR7	2326803	CHR7:2326803	SSF x LoA	-7,306	0,071	0,299
CHR7	23285479	CHR7:23285479	SSF x LoA	-9,047	0,108	0,290
CHR7	23285596	CHR7:23285596	SSF x LoA	-5,311	0,076	0,288
CHR7	23285670	CHR7:23285670	SSF x LoA	-8,561	0,055	0,306
CHR7	23285677	CHR7:23285677	SSF x LoA	-8,611	0,081	0,287
CHR7	23285688	CHR7:23285688	SSF x LoA	-5,437	0,082	0,281
CHR7	23285689	CHR7:23285689	SSF x LoA	-8,049	0,075	0,292
CHR7	23285735	CHR7:23285735	SSF x LoA	-10,420	-0,078	0,274
CHR7	23293018	CHR7:23293018	SSF x LoA	-6,983	0,073	0,282
CHR7	23293039	CHR7:23293039	SSF x LoA	-10,609	0,020	0,303

CHR7	23293224	CHR7:23293224	SSF x LoA	-8,929	0,014	0,281
CHR7	23293264	CHR7:23293264	SSF x LoA	-10,881	0,077	0,299
CHR7	23293265	CHR7:23293265	SSF x LoA	-4,871	0,096	0,289
CHR7	23304680	CHR7:23304680	SSF x LoA	-6,860	-0,112	0,276
CHR7	23304740	CHR7:23304740	SSF x LoA	-5,638	0,108	0,295
CHR7	23316211	CHR7:23316211	SSF x LoA	-8,120	-0,116	0,279
CHR7	23316219	CHR7:23316219	SSF x LoA	-10,319	0,053	0,292
CHR7	23316222	CHR7:23316222	SSF x LoA	-7,456	0,131	0,289
CHR7	23316240	CHR7:23316240	SSF x LoA	-5,834	0,128	0,296
CHR7	23317939	CHR7:23317939	SSF x LoA	-8,537	0,109	0,276
CHR7	23317999	CHR7:23317999	SSF x LoA	-9,509	0,013	0,284
CHR7	23318169	CHR7:23318169	SSF x LoA	-10,340	-0,055	0,295
CHR7	23329712	CHR7:23329712	SSF x LoA	-10,945	0,039	0,296
CHR7	23329868	CHR7:23329868	SSF x LoA	-8,417	-0,119	0,300
CHR7	2333299	CHR7:2333299	SSF x LoA	-7,717	0,050	0,283
CHR7	2333385	CHR7:2333385	SSF x LoA	-8,828	-0,047	0,285
CHR7	23344011	CHR7:23344011	SSF x LoA	-8,518	-0,017	0,281
CHR7	23346906	CHR7:23346906	SSF x LoA	-6,486	-0,186	0,286
CHR7	23346921	CHR7:23346921	SSF x LoA	-9,194	-0,041	0,297
CHR7	23346986	CHR7:23346986	SSF x LoA	-5,786	0,084	0,293
CHR7	23346988	CHR7:23346988	SSF x LoA	-8,515	0,090	0,294
CHR7	23347083	CHR7:23347083	SSF x LoA	-10,392	0,027	0,280
CHR7	23354288	CHR7:23354288	SSF x LoA	-10,448	0,082	0,288
CHR7	23354298	CHR7:23354298	SSF x LoA	-10,586	0,009	0,298
CHR7	23354306	CHR7:23354306	SSF x LoA	-6,651	0,118	0,284
CHR7	23354313	CHR7:23354313	SSF x LoA	-9,624	0,066	0,292
CHR7	23354344	CHR7:23354344	SSF x LoA	-9,773	-0,183	0,280
CHR7	23354423	CHR7:23354423	SSF x LoA	-7,138	-0,138	0,286
CHR7	23382502	CHR7:23382502	SSF x LoA	-9,756	0,004	0,276
CHR7	23382570	CHR7:23382570	SSF x LoA	-8,400	0,046	0,307
CHR7	23389800	CHR7:23389800	SSF x LoA	-7,500	0,179	0,286
CHR7	23389968	CHR7:23389968	SSF x LoA	-5,984	0,109	0,303
CHR7	23390019	CHR7:23390019	SSF x LoA	-8,090	-0,018	0,301
CHR7	23400922	CHR7:23400922	SSF x LoA	-10,184	0,037	0,286
CHR7	23400930	CHR7:23400930	SSF x LoA	-9,024	-0,019	0,286
CHR7	23479700	CHR7:23479700	SSF x LoA	-8,173	0,034	0,286
CHR7	23483882	CHR7:23483882	SSF x LoA	-10,162	-0,038	0,290
CHR7	23496045	CHR7:23496045	SSF x LoA	-8,009	0,102	0,278
CHR7	23513213	CHR7:23513213	SSF x LoA	-9,631	-0,010	0,271
CHR7	23519747	CHR7:23519747	SSF x LoA	-8,920	0,056	0,287
CHR7	23519765	CHR7:23519765	SSF x LoA	-8,604	-0,059	0,286
CHR7	23519770	CHR7:23519770	SSF x LoA	-9,850	0,031	0,292
CHR7	23519781	CHR7:23519781	SSF x LoA	-8,075	-0,035	0,284
CHR7	23519883	CHR7:23519883	SSF x LoA	-10,962	-0,004	0,285
CHR7	23519913	CHR7:23519913	SSF x LoA	-10,049	-0,051	0,285
CHR7	23537807	CHR7:23537807	SSF x LoA	-7,973	-0,006	0,295
CHR7	23546377	CHR7:23546377	SSF x LoA	-7,043	-0,121	0,291
CHR7	23569205	CHR7:23569205	SSF x LoA	-9,818	0,070	0,286
CHR7	23591744	CHR7:23591744	SSF x LoA	-9,667	-0,009	0,277
CHR7	2360921	CHR7:2360921	SSF x LoA	-10,971	-0,037	0,287
CHR7	2360984	CHR7:2360984	SSF x LoA	-7,839	-0,010	0,298
CHR7	23615942	CHR7:23615942	SSF x LoA	-9,831	-0,089	0,279
CHR7	23615960	CHR7:23615960	SSF x LoA	-8,982	0,021	0,294

CHR7	23616140	CHR7:23616140	SSF x LoA	-8,520	0,029	0,286
CHR7	23616168	CHR7:23616168	SSF x LoA	1,718	-0,278	0,257
CHR7	23616198	CHR7:23616198	SSF x LoA	-7,890	0,000	0,287
CHR7	23621027	CHR7:23621027	SSF x LoA	-10,146	-0,052	0,295
CHR7	23621078	CHR7:23621078	SSF x LoA	-9,956	-0,012	0,293
CHR7	23621195	CHR7:23621195	SSF x LoA	-8,971	0,018	0,292
CHR7	23621246	CHR7:23621246	SSF x LoA	-7,628	-0,076	0,283
CHR7	23621289	CHR7:23621289	SSF x LoA	-8,123	-0,156	0,289
CHR7	23621364	CHR7:23621364	SSF x LoA	-7,678	0,135	0,293
CHR7	23621396	CHR7:23621396	SSF x LoA	-10,592	-0,026	0,294
CHR7	23649296	CHR7:23649296	SSF x LoA	-6,880	0,035	0,287
CHR7	23649336	CHR7:23649336	SSF x LoA	-9,387	-0,079	0,295
CHR7	23649371	CHR7:23649371	SSF x LoA	-7,465	-0,045	0,291
CHR7	23649398	CHR7:23649398	SSF x LoA	-8,100	-0,049	0,302
CHR7	23653097	CHR7:23653097	SSF x LoA	-9,502	0,027	0,287
CHR7	23653100	CHR7:23653100	SSF x LoA	-8,455	-0,043	0,280
CHR7	23653147	CHR7:23653147	SSF x LoA	-9,090	-0,058	0,282
CHR7	23653309	CHR7:23653309	SSF x LoA	-8,507	0,019	0,297
CHR7	23671382	CHR7:23671382	SSF x LoA	-10,574	0,074	0,300
CHR7	23671410	CHR7:23671410	SSF x LoA	-8,407	0,064	0,294
CHR7	23671433	CHR7:23671433	SSF x LoA	-10,976	0,046	0,296
CHR7	23671523	CHR7:23671523	SSF x LoA	-7,704	0,206	0,267
CHR7	23671549	CHR7:23671549	SSF x LoA	-8,829	0,045	0,295
CHR7	23671626	CHR7:23671626	SSF x LoA	-1,672	0,009	0,292
CHR7	23681263	CHR7:23681263	SSF x LoA	-10,506	-0,054	0,298
CHR7	23681307	CHR7:23681307	SSF x LoA	-8,989	0,080	0,285
CHR7	23689347	CHR7:23689347	SSF x LoA	-5,814	0,047	0,284
CHR7	23690266	CHR7:23690266	SSF x LoA	-9,226	-0,058	0,290
CHR7	23712915	CHR7:23712915	SSF x LoA	-10,396	0,127	0,292
CHR7	23718937	CHR7:23718937	SSF x LoA	-6,458	0,106	0,274
CHR7	2372552	CHR7:2372552	SSF x LoA	-8,828	0,047	0,292
CHR7	23730861	CHR7:23730861	SSF x LoA	-8,187	0,081	0,293
CHR7	23730885	CHR7:23730885	SSF x LoA	-10,991	-0,004	0,289
CHR7	23730929	CHR7:23730929	SSF x LoA	-10,144	-0,075	0,284
CHR7	23730953	CHR7:23730953	SSF x LoA	-7,778	0,109	0,286
CHR7	23733715	CHR7:23733715	SSF x LoA	-10,561	-0,008	0,284
CHR7	23733956	CHR7:23733956	SSF x LoA	-8,899	0,182	0,290
CHR7	23733994	CHR7:23733994	SSF x LoA	-4,681	-0,139	0,260
CHR7	23734037	CHR7:23734037	SSF x LoA	-8,009	0,135	0,287
CHR7	23743456	CHR7:23743456	SSF x LoA	-11,057	0,035	0,293
CHR7	23743489	CHR7:23743489	SSF x LoA	-7,982	0,027	0,292
CHR7	23743503	CHR7:23743503	SSF x LoA	-9,737	0,025	0,297
CHR7	23743545	CHR7:23743545	SSF x LoA	-9,743	-0,048	0,289
CHR7	23743645	CHR7:23743645	SSF x LoA	-7,683	0,058	0,275
CHR7	23750013	CHR7:23750013	SSF x LoA	-7,869	0,029	0,279
CHR7	23767923	CHR7:23767923	SSF x LoA	-9,448	0,046	0,289
CHR7	23768004	CHR7:23768004	SSF x LoA	-9,467	0,026	0,288
CHR7	23768141	CHR7:23768141	SSF x LoA	-8,339	0,029	0,300
CHR7	23805538	CHR7:23805538	SSF x LoA	-10,342	0,022	0,298
CHR7	23805550	CHR7:23805550	SSF x LoA	-10,003	-0,078	0,284
CHR7	23805844	CHR7:23805844	SSF x LoA	-10,695	-0,005	0,286
CHR7	23805932	CHR7:23805932	SSF x LoA	-9,000	0,029	0,280
CHR7	23835774	CHR7:23835774	SSF x LoA	-6,773	0,188	0,275

CHR7	23835779	CHR7:23835779	SSF x LoA	-9,888	0,070	0,279
CHR7	23835795	CHR7:23835795	SSF x LoA	-6,653	0,020	0,298
CHR7	23835969	CHR7:23835969	SSF x LoA	-8,839	0,034	0,289
CHR7	23835974	CHR7:23835974	SSF x LoA	-10,294	0,057	0,291
CHR7	23835990	CHR7:23835990	SSF x LoA	-10,934	0,018	0,271
CHR7	23835998	CHR7:23835998	SSF x LoA	-9,018	0,044	0,288
CHR7	23835999	CHR7:23835999	SSF x LoA	-10,711	0,014	0,278
CHR7	23839037	CHR7:23839037	SSF x LoA	-8,240	0,001	0,287
CHR7	23839051	CHR7:23839051	SSF x LoA	-10,586	0,071	0,270
CHR7	23839108	CHR7:23839108	SSF x LoA	-10,512	0,038	0,279
CHR7	23841690	CHR7:23841690	SSF x LoA	-7,279	0,117	0,269
CHR7	23841880	CHR7:23841880	SSF x LoA	-5,713	0,202	0,282
CHR7	23841977	CHR7:23841977	SSF x LoA	-7,681	-0,053	0,310
CHR7	23841990	CHR7:23841990	SSF x LoA	-8,587	0,170	0,285
CHR7	23842022	CHR7:23842022	SSF x LoA	-8,780	0,039	0,292
CHR7	2384803	CHR7:2384803	SSF x LoA	-7,312	0,053	0,297
CHR7	23849102	CHR7:23849102	SSF x LoA	-9,618	0,088	0,290
CHR7	23849103	CHR7:23849103	SSF x LoA	-10,291	0,087	0,285
CHR7	23849110	CHR7:23849110	SSF x LoA	-8,441	0,027	0,287
CHR7	23849259	CHR7:23849259	SSF x LoA	-10,613	-0,040	0,291
CHR7	23849280	CHR7:23849280	SSF x LoA	-5,479	-0,112	0,289
CHR7	23849286	CHR7:23849286	SSF x LoA	-11,501	-0,020	0,289
CHR7	23879633	CHR7:23879633	SSF x LoA	-8,932	-0,090	0,279
CHR7	23879638	CHR7:23879638	SSF x LoA	-8,263	0,037	0,273
CHR7	23879721	CHR7:23879721	SSF x LoA	-10,740	0,006	0,282
CHR7	23882450	CHR7:23882450	SSF x LoA	-9,058	-0,082	0,286
CHR7	23882578	CHR7:23882578	SSF x LoA	-8,841	-0,069	0,284
CHR7	23882651	CHR7:23882651	SSF x LoA	-10,377	-0,126	0,287
CHR7	23885403	CHR7:23885403	SSF x LoA	-10,441	-0,009	0,290
CHR7	23891605	CHR7:23891605	SSF x LoA	-8,250	-0,105	0,283
CHR7	23891655	CHR7:23891655	SSF x LoA	-7,682	-0,105	0,297
CHR7	23891671	CHR7:23891671	SSF x LoA	-8,390	-0,022	0,288
CHR7	23891945	CHR7:23891945	SSF x LoA	-8,622	0,008	0,298
CHR7	23892060	CHR7:23892060	SSF x LoA	-7,198	0,095	0,284
CHR7	23892066	CHR7:23892066	SSF x LoA	-9,804	0,000	0,300
CHR7	23916343	CHR7:23916343	SSF x LoA	-11,215	-0,004	0,289
CHR7	23916406	CHR7:23916406	SSF x LoA	-9,449	0,071	0,289
CHR7	23916417	CHR7:23916417	SSF x LoA	-8,029	0,081	0,291
CHR7	23916418	CHR7:23916418	SSF x LoA	-8,940	0,036	0,289
CHR7	23916515	CHR7:23916515	SSF x LoA	-10,182	-0,077	0,280
CHR7	23916518	CHR7:23916518	SSF x LoA	-7,095	-0,082	0,287
CHR7	23916542	CHR7:23916542	SSF x LoA	-10,938	0,022	0,305
CHR7	23916675	CHR7:23916675	SSF x LoA	-8,910	-0,025	0,273
CHR7	23921203	CHR7:23921203	SSF x LoA	-11,132	0,023	0,298
CHR7	23921239	CHR7:23921239	SSF x LoA	-5,010	0,120	0,301
CHR7	23921264	CHR7:23921264	SSF x LoA	-7,421	0,130	0,273
CHR7	23921440	CHR7:23921440	SSF x LoA	-9,221	-0,004	0,283
CHR7	23959959	CHR7:23959959	SSF x LoA	-10,931	-0,097	0,287
CHR7	23960000	CHR7:23960000	SSF x LoA	-9,331	0,061	0,281
CHR7	23960091	CHR7:23960091	SSF x LoA	-5,718	0,117	0,292
CHR7	23960120	CHR7:23960120	SSF x LoA	-9,535	0,015	0,291
CHR7	23960128	CHR7:23960128	SSF x LoA	-8,509	0,001	0,307
CHR7	23960129	CHR7:23960129	SSF x LoA	-8,849	-0,022	0,305

CHR7	23960130	CHR7:23960130	SSF x LoA	-9,563	-0,005	0,291
CHR7	23960163	CHR7:23960163	SSF x LoA	-8,851	-0,051	0,288
CHR7	23960164	CHR7:23960164	SSF x LoA	-9,210	-0,050	0,303
CHR7	23986196	CHR7:23986196	SSF x LoA	-7,222	-0,138	0,295
CHR7	23986247	CHR7:23986247	SSF x LoA	-8,581	-0,008	0,285
CHR7	23994341	CHR7:23994341	SSF x LoA	-10,500	0,034	0,295
CHR7	23996716	CHR7:23996716	SSF x LoA	-10,601	-0,025	0,297
CHR7	23996736	CHR7:23996736	SSF x LoA	-6,958	0,050	0,283
CHR7	23996750	CHR7:23996750	SSF x LoA	-8,002	-0,039	0,287
CHR7	24034326	CHR7:24034326	SSF x LoA	-8,661	-0,075	0,271
CHR7	24034440	CHR7:24034440	SSF x LoA	-6,308	0,115	0,293
CHR7	24034482	CHR7:24034482	SSF x LoA	-8,797	-0,113	0,281
CHR7	24034510	CHR7:24034510	SSF x LoA	-7,318	0,081	0,286
CHR7	24034530	CHR7:24034530	SSF x LoA	-8,174	-0,025	0,304
CHR7	24046966	CHR7:24046966	SSF x LoA	-10,734	-0,006	0,289
CHR7	24047086	CHR7:24047086	SSF x LoA	-7,216	0,083	0,278
CHR7	24048619	CHR7:24048619	SSF x LoA	-7,159	0,073	0,306
CHR7	24049827	CHR7:24049827	SSF x LoA	-7,988	0,140	0,289
CHR7	24051420	CHR7:24051420	SSF x LoA	-8,639	-0,003	0,280
CHR7	24051468	CHR7:24051468	SSF x LoA	-6,640	-0,175	0,281
CHR7	24051525	CHR7:24051525	SSF x LoA	-10,044	0,053	0,275
CHR7	24065940	CHR7:24065940	SSF x LoA	-4,250	-0,039	0,308
CHR7	24066520	CHR7:24066520	SSF x LoA	-10,750	0,022	0,283
CHR7	24066570	CHR7:24066570	SSF x LoA	-10,972	0,010	0,299
CHR7	24066586	CHR7:24066586	SSF x LoA	-8,791	-0,010	0,294
CHR7	24066596	CHR7:24066596	SSF x LoA	-8,490	-0,008	0,290
CHR7	24066637	CHR7:24066637	SSF x LoA	-9,157	0,082	0,280
CHR7	24068990	CHR7:24068990	SSF x LoA	-9,151	-0,026	0,305
CHR7	24069062	CHR7:24069062	SSF x LoA	-8,668	0,034	0,302
CHR7	24069074	CHR7:24069074	SSF x LoA	-9,788	0,025	0,299
CHR7	24090549	CHR7:24090549	SSF x LoA	-11,266	0,071	0,301
CHR7	24090560	CHR7:24090560	SSF x LoA	-9,317	-0,038	0,294
CHR7	24090631	CHR7:24090631	SSF x LoA	-9,362	0,097	0,296
CHR7	24090642	CHR7:24090642	SSF x LoA	-7,814	0,017	0,290
CHR7	24090664	CHR7:24090664	SSF x LoA	-6,238	-0,180	0,285
CHR7	24094803	CHR7:24094803	SSF x LoA	-6,616	-0,089	0,294
CHR7	24099502	CHR7:24099502	SSF x LoA	-6,724	0,139	0,279
CHR7	24099512	CHR7:24099512	SSF x LoA	-10,287	-0,067	0,292
CHR7	24099513	CHR7:24099513	SSF x LoA	-7,782	-0,011	0,298
CHR7	24099848	CHR7:24099848	SSF x LoA	-8,714	-0,027	0,284
CHR7	24110229	CHR7:24110229	SSF x LoA	-10,829	-0,068	0,286
CHR7	24110292	CHR7:24110292	SSF x LoA	-3,343	0,173	0,284
CHR7	24110310	CHR7:24110310	SSF x LoA	-7,917	0,185	0,283
CHR7	24115125	CHR7:24115125	SSF x LoA	-7,820	0,126	0,283
CHR7	2411518	CHR7:2411518	SSF x LoA	-7,815	-0,086	0,291
CHR7	24115254	CHR7:24115254	SSF x LoA	-8,702	0,053	0,284
CHR7	24115265	CHR7:24115265	SSF x LoA	-10,281	0,030	0,290
CHR7	24131418	CHR7:24131418	SSF x LoA	-6,735	-0,028	0,294
CHR7	24134946	CHR7:24134946	SSF x LoA	-7,822	0,079	0,283
CHR7	24135036	CHR7:24135036	SSF x LoA	-7,951	-0,004	0,286
CHR7	24138610	CHR7:24138610	SSF x LoA	-8,609	-0,018	0,273
CHR7	24138635	CHR7:24138635	SSF x LoA	-8,179	0,078	0,281
CHR7	24138705	CHR7:24138705	SSF x LoA	-7,463	0,117	0,293

CHR7	24139389	CHR7:24139389	SSF x LoA	-8,150	-0,046	0,287
CHR7	24139451	CHR7:24139451	SSF x LoA	-9,352	-0,040	0,314
CHR7	24139453	CHR7:24139453	SSF x LoA	-8,562	0,007	0,288
CHR7	24169714	CHR7:24169714	SSF x LoA	-8,186	0,033	0,272
CHR7	24178745	CHR7:24178745	SSF x LoA	-8,650	0,143	0,297
CHR7	24178788	CHR7:24178788	SSF x LoA	-9,980	0,010	0,284
CHR7	24178812	CHR7:24178812	SSF x LoA	-9,617	-0,085	0,301
CHR7	2418232	CHR7:2418232	SSF x LoA	-7,717	0,050	0,299
CHR7	2418293	CHR7:2418293	SSF x LoA	-7,298	-0,091	0,275
CHR7	2418889	CHR7:2418889	SSF x LoA	-11,526	-0,054	0,285
CHR7	2419039	CHR7:2419039	SSF x LoA	-10,784	-0,009	0,287
CHR7	2419049	CHR7:2419049	SSF x LoA	-7,458	-0,073	0,286
CHR7	24196374	CHR7:24196374	SSF x LoA	-6,683	-0,005	0,282
CHR7	24206901	CHR7:24206901	SSF x LoA	-9,816	-0,005	0,306
CHR7	24213008	CHR7:24213008	SSF x LoA	-7,355	0,027	0,303
CHR7	24213139	CHR7:24213139	SSF x LoA	-9,518	0,055	0,287
CHR7	24213205	CHR7:24213205	SSF x LoA	-10,720	0,077	0,276
CHR7	24245612	CHR7:24245612	SSF x LoA	-6,355	-0,098	0,289
CHR7	24245677	CHR7:24245677	SSF x LoA	-3,873	0,076	0,285
CHR7	24245693	CHR7:24245693	SSF x LoA	-9,281	0,076	0,282
CHR7	24245718	CHR7:24245718	SSF x LoA	-8,105	-0,092	0,283
CHR7	24258078	CHR7:24258078	SSF x LoA	-10,450	0,051	0,292
CHR7	24258165	CHR7:24258165	SSF x LoA	-8,901	-0,051	0,278
CHR7	24258200	CHR7:24258200	SSF x LoA	-5,801	-0,092	0,303
CHR7	24258306	CHR7:24258306	SSF x LoA	-7,517	-0,125	0,287
CHR7	24258310	CHR7:24258310	SSF x LoA	-8,180	-0,135	0,281
CHR7	24258322	CHR7:24258322	SSF x LoA	-6,443	-0,126	0,281
CHR7	24278033	CHR7:24278033	SSF x LoA	-8,404	0,048	0,283
CHR7	24279590	CHR7:24279590	SSF x LoA	-8,282	-0,092	0,290
CHR7	24279698	CHR7:24279698	SSF x LoA	-2,887	-0,253	0,276
CHR7	24283639	CHR7:24283639	SSF x LoA	-8,226	-0,021	0,274
CHR7	24283649	CHR7:24283649	SSF x LoA	-9,843	0,075	0,276
CHR7	24283819	CHR7:24283819	SSF x LoA	-5,701	-0,157	0,269
CHR7	24283862	CHR7:24283862	SSF x LoA	-7,860	-0,144	0,276
CHR7	24283933	CHR7:24283933	SSF x LoA	-10,529	0,080	0,271
CHR7	24293079	CHR7:24293079	SSF x LoA	-7,938	0,034	0,309
CHR7	24293210	CHR7:24293210	SSF x LoA	-9,183	0,118	0,294
CHR7	24297249	CHR7:24297249	SSF x LoA	-7,864	-0,008	0,289
CHR7	24297273	CHR7:24297273	SSF x LoA	-5,090	-0,016	0,290
CHR7	24297393	CHR7:24297393	SSF x LoA	-7,315	-0,001	0,280
CHR7	24297553	CHR7:24297553	SSF x LoA	-9,723	-0,009	0,294
CHR7	24303353	CHR7:24303353	SSF x LoA	-10,540	0,008	0,277
CHR7	24303367	CHR7:24303367	SSF x LoA	-4,120	0,012	0,291
CHR7	24303413	CHR7:24303413	SSF x LoA	-8,408	0,055	0,293
CHR7	24303451	CHR7:24303451	SSF x LoA	-6,347	-0,108	0,291
CHR7	24303456	CHR7:24303456	SSF x LoA	-7,320	-0,096	0,298
CHR7	24303468	CHR7:24303468	SSF x LoA	-8,395	-0,100	0,287
CHR7	24303473	CHR7:24303473	SSF x LoA	-6,582	0,131	0,289
CHR7	24303523	CHR7:24303523	SSF x LoA	-2,506	-0,174	0,274
CHR7	24303594	CHR7:24303594	SSF x LoA	-8,426	-0,089	0,274
CHR7	24306701	CHR7:24306701	SSF x LoA	-8,314	0,060	0,297
CHR7	24306703	CHR7:24306703	SSF x LoA	-2,940	-0,291	0,262
CHR7	24306839	CHR7:24306839	SSF x LoA	-10,052	-0,031	0,290

CHR7	24306858	CHR7:24306858	SSF x LoA	-5,884	-0,244	0,265
CHR7	24306889	CHR7:24306889	SSF x LoA	-7,043	0,059	0,297
CHR7	24306890	CHR7:24306890	SSF x LoA	-10,188	-0,003	0,292
CHR7	24306900	CHR7:24306900	SSF x LoA	-4,239	-0,258	0,274
CHR7	24306918	CHR7:24306918	SSF x LoA	-8,962	0,118	0,297
CHR7	24306923	CHR7:24306923	SSF x LoA	-10,266	0,091	0,292
CHR7	24306935	CHR7:24306935	SSF x LoA	-4,082	0,132	0,290
CHR7	2431932	CHR7:2431932	SSF x LoA	-8,942	-0,079	0,280
CHR7	24326486	CHR7:24326486	SSF x LoA	-9,474	0,141	0,281
CHR7	24342744	CHR7:24342744	SSF x LoA	-8,801	-0,013	0,290
CHR7	24342795	CHR7:24342795	SSF x LoA	-9,559	-0,054	0,295
CHR7	24351081	CHR7:24351081	SSF x LoA	-9,489	-0,125	0,273
CHR7	24351202	CHR7:24351202	SSF x LoA	-10,153	0,122	0,293
CHR7	24356980	CHR7:24356980	SSF x LoA	-8,167	-0,193	0,278
CHR7	24357211	CHR7:24357211	SSF x LoA	-2,053	0,205	0,271
CHR7	24360188	CHR7:24360188	SSF x LoA	-10,568	-0,023	0,286
CHR7	24360189	CHR7:24360189	SSF x LoA	-7,765	0,033	0,282
CHR7	24360287	CHR7:24360287	SSF x LoA	-9,264	-0,075	0,292
CHR7	24360288	CHR7:24360288	SSF x LoA	-9,985	-0,025	0,286
CHR7	24368062	CHR7:24368062	SSF x LoA	-7,142	0,035	0,278
CHR7	24368086	CHR7:24368086	SSF x LoA	-8,498	-0,019	0,292
CHR7	24368096	CHR7:24368096	SSF x LoA	-7,304	-0,071	0,292
CHR7	24368151	CHR7:24368151	SSF x LoA	-9,071	0,130	0,290
CHR7	24368152	CHR7:24368152	SSF x LoA	-10,058	0,025	0,292
CHR7	24368167	CHR7:24368167	SSF x LoA	-7,204	0,035	0,293
CHR7	24368177	CHR7:24368177	SSF x LoA	-6,205	-0,188	0,278
CHR7	24368275	CHR7:24368275	SSF x LoA	-9,126	0,108	0,300
CHR7	24368276	CHR7:24368276	SSF x LoA	-8,812	-0,055	0,281
CHR7	24368306	CHR7:24368306	SSF x LoA	-4,191	-0,139	0,294
CHR7	24370772	CHR7:24370772	SSF x LoA	-8,592	-0,071	0,289
CHR7	24370844	CHR7:24370844	SSF x LoA	-8,550	0,099	0,289
CHR7	24370878	CHR7:24370878	SSF x LoA	-8,073	-0,087	0,282
CHR7	24384712	CHR7:24384712	SSF x LoA	-11,961	0,013	0,289
CHR7	24386952	CHR7:24386952	SSF x LoA	-8,891	-0,122	0,282
CHR7	24386961	CHR7:24386961	SSF x LoA	-9,018	0,058	0,279
CHR7	24387096	CHR7:24387096	SSF x LoA	-7,793	0,093	0,287
CHR7	24397226	CHR7:24397226	SSF x LoA	-5,521	0,121	0,297
CHR7	2442202	CHR7:2442202	SSF x LoA	-7,948	-0,098	0,279
CHR7	24452208	CHR7:24452208	SSF x LoA	-8,912	0,099	0,300
CHR7	24452271	CHR7:24452271	SSF x LoA	-6,852	0,117	0,274
CHR7	24452313	CHR7:24452313	SSF x LoA	-8,078	0,018	0,286
CHR7	24452314	CHR7:24452314	SSF x LoA	-7,419	0,007	0,289
CHR7	24452467	CHR7:24452467	SSF x LoA	-8,417	0,040	0,292
CHR7	24461980	CHR7:24461980	SSF x LoA	-10,046	0,006	0,282
CHR7	24462000	CHR7:24462000	SSF x LoA	-10,057	0,024	0,275
CHR7	24462008	CHR7:24462008	SSF x LoA	-6,055	0,096	0,296
CHR7	24462078	CHR7:24462078	SSF x LoA	-9,750	0,099	0,270
CHR7	24462107	CHR7:24462107	SSF x LoA	-9,908	0,045	0,293
CHR7	24462128	CHR7:24462128	SSF x LoA	-9,906	0,049	0,284
CHR7	24471302	CHR7:24471302	SSF x LoA	-6,479	0,013	0,306
CHR7	24471333	CHR7:24471333	SSF x LoA	-9,445	-0,054	0,297
CHR7	24471364	CHR7:24471364	SSF x LoA	-8,499	-0,015	0,284
CHR7	24471370	CHR7:24471370	SSF x LoA	-10,156	-0,008	0,291

CHR7	24471373	CHR7:24471373	SSF x LoA	-6,193	-0,045	0,293
CHR7	24496172	CHR7:24496172	SSF x LoA	-7,641	0,100	0,295
CHR7	24496423	CHR7:24496423	SSF x LoA	-6,422	0,035	0,310
CHR7	24496481	CHR7:24496481	SSF x LoA	-9,738	-0,059	0,288
CHR7	24501866	CHR7:24501866	SSF x LoA	-8,709	0,088	0,300
CHR7	24501869	CHR7:24501869	SSF x LoA	-8,502	0,041	0,292
CHR7	24501901	CHR7:24501901	SSF x LoA	-9,024	0,018	0,302
CHR7	24501911	CHR7:24501911	SSF x LoA	-10,184	0,005	0,305
CHR7	24502000	CHR7:24502000	SSF x LoA	-9,092	0,022	0,296
CHR7	24502002	CHR7:24502002	SSF x LoA	-7,842	0,084	0,274
CHR7	24502073	CHR7:24502073	SSF x LoA	-10,403	-0,050	0,281
CHR7	24502078	CHR7:24502078	SSF x LoA	-8,412	-0,010	0,294
CHR7	24502082	CHR7:24502082	SSF x LoA	-10,554	-0,023	0,281
CHR7	24505244	CHR7:24505244	SSF x LoA	-9,229	-0,012	0,297
CHR7	24505259	CHR7:24505259	SSF x LoA	-9,018	0,021	0,288
CHR7	24505266	CHR7:24505266	SSF x LoA	1,486	-0,006	0,288
CHR7	24505269	CHR7:24505269	SSF x LoA	-8,867	-0,012	0,294
CHR7	24505276	CHR7:24505276	SSF x LoA	-8,596	0,002	0,293
CHR7	24505360	CHR7:24505360	SSF x LoA	-9,344	-0,111	0,280
CHR7	24505415	CHR7:24505415	SSF x LoA	-3,459	-0,017	0,289
CHR7	24507338	CHR7:24507338	SSF x LoA	-7,119	0,069	0,308
CHR7	24507541	CHR7:24507541	SSF x LoA	-8,721	0,037	0,279
CHR7	24536248	CHR7:24536248	SSF x LoA	-10,798	0,073	0,275
CHR7	24536271	CHR7:24536271	SSF x LoA	-8,013	-0,101	0,298
CHR7	24560031	CHR7:24560031	SSF x LoA	-8,198	0,031	0,297
CHR7	24560047	CHR7:24560047	SSF x LoA	-7,345	-0,038	0,277
CHR7	24560187	CHR7:24560187	SSF x LoA	-9,013	0,058	0,274
CHR7	24560190	CHR7:24560190	SSF x LoA	-10,250	0,138	0,275
CHR7	24560199	CHR7:24560199	SSF x LoA	-8,744	-0,086	0,285
CHR7	24560274	CHR7:24560274	SSF x LoA	-7,927	-0,057	0,310
CHR7	24567383	CHR7:24567383	SSF x LoA	-5,745	-0,199	0,280
CHR7	24567424	CHR7:24567424	SSF x LoA	-5,431	-0,139	0,289
CHR7	24567594	CHR7:24567594	SSF x LoA	-6,420	0,150	0,258
CHR7	24588453	CHR7:24588453	SSF x LoA	-11,003	0,082	0,287
CHR7	24588467	CHR7:24588467	SSF x LoA	-8,626	0,018	0,286
CHR7	24591403	CHR7:24591403	SSF x LoA	-9,101	-0,108	0,288
CHR7	24591572	CHR7:24591572	SSF x LoA	-10,650	0,032	0,277
CHR7	24591635	CHR7:24591635	SSF x LoA	-8,950	-0,064	0,281
CHR7	24591651	CHR7:24591651	SSF x LoA	-7,953	-0,018	0,285
CHR7	24591657	CHR7:24591657	SSF x LoA	-9,239	0,025	0,284
CHR7	24595074	CHR7:24595074	SSF x LoA	-8,095	-0,024	0,298
CHR7	24595113	CHR7:24595113	SSF x LoA	-7,815	0,012	0,295
CHR7	24595182	CHR7:24595182	SSF x LoA	-7,207	-0,076	0,290
CHR7	24601439	CHR7:24601439	SSF x LoA	-7,730	-0,012	0,293
CHR7	24601451	CHR7:24601451	SSF x LoA	-8,912	-0,003	0,298
CHR7	2460458	CHR7:2460458	SSF x LoA	-9,796	-0,026	0,286
CHR7	2460463	CHR7:2460463	SSF x LoA	-5,201	0,180	0,282
CHR7	2460553	CHR7:2460553	SSF x LoA	-9,863	-0,003	0,304
CHR7	24619066	CHR7:24619066	SSF x LoA	-4,933	-0,018	0,296
CHR7	24620692	CHR7:24620692	SSF x LoA	-9,454	0,036	0,286
CHR7	24620780	CHR7:24620780	SSF x LoA	-5,992	0,141	0,277
CHR7	24632117	CHR7:24632117	SSF x LoA	-10,786	0,052	0,285
CHR7	24632476	CHR7:24632476	SSF x LoA	-9,808	0,018	0,287

CHR7	24632520	CHR7:24632520	SSF x LoA	-11,379	-0,014	0,289
CHR7	24632522	CHR7:24632522	SSF x LoA	-8,118	-0,051	0,290
CHR7	24632535	CHR7:24632535	SSF x LoA	-8,678	0,042	0,289
CHR7	24632553	CHR7:24632553	SSF x LoA	-10,780	-0,033	0,287
CHR7	24638479	CHR7:24638479	SSF x LoA	-8,482	0,037	0,296
CHR7	24644250	CHR7:24644250	SSF x LoA	-7,091	-0,062	0,287
CHR7	24644461	CHR7:24644461	SSF x LoA	-7,550	-0,007	0,305
CHR7	2466328	CHR7:2466328	SSF x LoA	-5,261	0,020	0,300
CHR7	2466485	CHR7:2466485	SSF x LoA	-8,863	-0,033	0,296
CHR7	24670645	CHR7:24670645	SSF x LoA	-4,964	0,171	0,276
CHR7	24670881	CHR7:24670881	SSF x LoA	-7,383	-0,090	0,284
CHR7	24670885	CHR7:24670885	SSF x LoA	-5,275	-0,199	0,273
CHR7	24685278	CHR7:24685278	SSF x LoA	-8,761	-0,070	0,294
CHR7	24685322	CHR7:24685322	SSF x LoA	-9,314	0,022	0,287
CHR7	24685543	CHR7:24685543	SSF x LoA	-5,383	-0,086	0,293
CHR7	24685554	CHR7:24685554	SSF x LoA	-9,985	0,121	0,295
CHR7	24689884	CHR7:24689884	SSF x LoA	-7,951	-0,178	0,264
CHR7	24689913	CHR7:24689913	SSF x LoA	-2,607	-0,120	0,293
CHR7	24689942	CHR7:24689942	SSF x LoA	-9,780	-0,045	0,278
CHR7	24698358	CHR7:24698358	SSF x LoA	-10,348	0,015	0,293
CHR7	24698409	CHR7:24698409	SSF x LoA	-9,243	0,070	0,292
CHR7	24698437	CHR7:24698437	SSF x LoA	-6,456	0,135	0,277
CHR7	24708474	CHR7:24708474	SSF x LoA	-9,442	-0,039	0,290
CHR7	24708494	CHR7:24708494	SSF x LoA	-7,561	0,023	0,285
CHR7	24708509	CHR7:24708509	SSF x LoA	-8,507	0,043	0,291
CHR7	2472217	CHR7:2472217	SSF x LoA	-8,278	-0,159	0,281
CHR7	2472238	CHR7:2472238	SSF x LoA	-7,699	0,081	0,285
CHR7	2472255	CHR7:2472255	SSF x LoA	-9,004	-0,021	0,295
CHR7	2472406	CHR7:2472406	SSF x LoA	-9,555	-0,067	0,297
CHR7	2472407	CHR7:2472407	SSF x LoA	-10,689	-0,072	0,293
CHR7	24741551	CHR7:24741551	SSF x LoA	-8,895	0,082	0,283
CHR7	24741554	CHR7:24741554	SSF x LoA	-9,999	0,035	0,274
CHR7	24741606	CHR7:24741606	SSF x LoA	-7,577	-0,034	0,300
CHR7	24751566	CHR7:24751566	SSF x LoA	-8,238	0,009	0,296
CHR7	24751583	CHR7:24751583	SSF x LoA	-4,786	0,112	0,303
CHR7	24751588	CHR7:24751588	SSF x LoA	-7,805	0,084	0,293
CHR7	24759407	CHR7:24759407	SSF x LoA	-11,257	0,030	0,282
CHR7	24759505	CHR7:24759505	SSF x LoA	4,896	0,013	0,293
CHR7	24765952	CHR7:24765952	SSF x LoA	-8,648	-0,070	0,282
CHR7	24766025	CHR7:24766025	SSF x LoA	-2,812	0,005	0,281
CHR7	24766054	CHR7:24766054	SSF x LoA	-8,568	-0,099	0,298
CHR7	24766168	CHR7:24766168	SSF x LoA	-6,032	-0,167	0,283
CHR7	24785395	CHR7:24785395	SSF x LoA	-8,379	-0,003	0,280
CHR7	24785399	CHR7:24785399	SSF x LoA	-7,711	-0,068	0,280
CHR7	24785440	CHR7:24785440	SSF x LoA	-9,713	-0,051	0,298
CHR7	24785613	CHR7:24785613	SSF x LoA	-9,930	0,070	0,303
CHR7	24866524	CHR7:24866524	SSF x LoA	-7,307	0,120	0,282
CHR7	24866676	CHR7:24866676	SSF x LoA	-9,888	-0,012	0,299
CHR7	24866698	CHR7:24866698	SSF x LoA	0,933	-0,057	0,285
CHR7	24866701	CHR7:24866701	SSF x LoA	-10,340	-0,057	0,276
CHR7	24866712	CHR7:24866712	SSF x LoA	-9,236	-0,063	0,287
CHR7	24866718	CHR7:24866718	SSF x LoA	-9,908	-0,056	0,301
CHR7	24873205	CHR7:24873205	SSF x LoA	-6,821	-0,162	0,291

CHR7	24875070	CHR7:24875070	SSF x LoA	-7,760	0,056	0,290
CHR7	24909672	CHR7:24909672	SSF x LoA	-5,264	-0,020	0,285
CHR7	24909772	CHR7:24909772	SSF x LoA	-8,400	-0,003	0,265
CHR7	24911459	CHR7:24911459	SSF x LoA	-6,002	-0,051	0,284
CHR7	24911474	CHR7:24911474	SSF x LoA	-7,753	0,029	0,284
CHR7	24922450	CHR7:24922450	SSF x LoA	-8,096	-0,001	0,284
CHR7	24954246	CHR7:24954246	SSF x LoA	-7,715	-0,004	0,310
CHR7	2495441	CHR7:2495441	SSF x LoA	-8,377	0,177	0,288
CHR7	2495519	CHR7:2495519	SSF x LoA	-6,352	0,119	0,303
CHR7	2497424	CHR7:2497424	SSF x LoA	-8,023	0,022	0,262
CHR7	2497439	CHR7:2497439	SSF x LoA	-8,351	0,015	0,282
CHR7	2497442	CHR7:2497442	SSF x LoA	-7,930	0,025	0,269
CHR7	2497676	CHR7:2497676	SSF x LoA	-9,220	-0,127	0,266
CHR7	2497765	CHR7:2497765	SSF x LoA	-8,653	0,035	0,274
CHR7	2497777	CHR7:2497777	SSF x LoA	-9,799	0,022	0,287
CHR7	25001399	CHR7:25001399	SSF x LoA	-7,666	-0,061	0,303
CHR7	25004855	CHR7:25004855	SSF x LoA	1,029	0,214	0,281
CHR7	25014328	CHR7:25014328	SSF x LoA	-8,245	0,030	0,283
CHR7	25019179	CHR7:25019179	SSF x LoA	-5,945	-0,108	0,294
CHR7	25021355	CHR7:25021355	SSF x LoA	-8,791	0,013	0,286
CHR7	25021564	CHR7:25021564	SSF x LoA	-8,788	-0,098	0,266
CHR7	25026748	CHR7:25026748	SSF x LoA	-10,798	0,068	0,292
CHR7	25026889	CHR7:25026889	SSF x LoA	-10,001	0,098	0,286
CHR7	25041980	CHR7:25041980	SSF x LoA	-6,421	-0,019	0,304
CHR7	25042024	CHR7:25042024	SSF x LoA	-8,623	-0,012	0,302
CHR7	25042053	CHR7:25042053	SSF x LoA	-8,878	0,072	0,293
CHR7	25042271	CHR7:25042271	SSF x LoA	-9,765	-0,047	0,278
CHR7	2506266	CHR7:2506266	SSF x LoA	-9,608	-0,013	0,300
CHR7	2506297	CHR7:2506297	SSF x LoA	-9,117	0,105	0,293
CHR7	2507258	CHR7:2507258	SSF x LoA	-6,475	-0,161	0,270
CHR7	25093318	CHR7:25093318	SSF x LoA	-9,079	0,007	0,296
CHR7	25093321	CHR7:25093321	SSF x LoA	-9,269	0,018	0,300
CHR7	25093322	CHR7:25093322	SSF x LoA	-9,384	0,103	0,281
CHR7	25093342	CHR7:25093342	SSF x LoA	-7,383	0,002	0,296
CHR7	25093377	CHR7:25093377	SSF x LoA	-8,573	-0,055	0,273
CHR7	25093566	CHR7:25093566	SSF x LoA	-7,321	-0,065	0,275
CHR7	25103120	CHR7:25103120	SSF x LoA	-6,842	-0,107	0,292
CHR7	25107220	CHR7:25107220	SSF x LoA	-8,160	0,044	0,282
CHR7	25107388	CHR7:25107388	SSF x LoA	-11,319	-0,007	0,289
CHR7	25107448	CHR7:25107448	SSF x LoA	-7,834	0,009	0,280
CHR7	25107450	CHR7:25107450	SSF x LoA	-8,337	0,045	0,283
CHR7	25107562	CHR7:25107562	SSF x LoA	-6,982	0,133	0,287
CHR7	25107567	CHR7:25107567	SSF x LoA	-9,582	-0,014	0,301
CHR7	25107577	CHR7:25107577	SSF x LoA	-8,574	-0,016	0,302
CHR7	25107612	CHR7:25107612	SSF x LoA	-8,958	0,030	0,287
CHR7	25107613	CHR7:25107613	SSF x LoA	-11,598	0,025	0,289
CHR7	25118503	CHR7:25118503	SSF x LoA	-7,347	0,040	0,298
CHR7	25118598	CHR7:25118598	SSF x LoA	-10,596	0,075	0,285
CHR7	25118617	CHR7:25118617	SSF x LoA	-6,645	0,041	0,290
CHR7	25118810	CHR7:25118810	SSF x LoA	-7,394	0,025	0,298
CHR7	25123220	CHR7:25123220	SSF x LoA	-10,138	0,013	0,291
CHR7	25123398	CHR7:25123398	SSF x LoA	-11,290	-0,009	0,297
CHR7	25123420	CHR7:25123420	SSF x LoA	-7,670	0,093	0,288

CHR7	25132934	CHR7:25132934	SSF x LoA	-9,920	0,045	0,299
CHR7	25132988	CHR7:25132988	SSF x LoA	-9,354	0,153	0,268
CHR7	25133030	CHR7:25133030	SSF x LoA	-8,638	-0,140	0,278
CHR7	25133172	CHR7:25133172	SSF x LoA	-6,727	-0,109	0,287
CHR7	25133342	CHR7:25133342	SSF x LoA	-10,978	-0,053	0,279
CHR7	25139477	CHR7:25139477	SSF x LoA	-6,427	0,179	0,278
CHR7	25139644	CHR7:25139644	SSF x LoA	-8,354	-0,078	0,286
CHR7	25152208	CHR7:25152208	SSF x LoA	-8,145	-0,042	0,303
CHR7	25152272	CHR7:25152272	SSF x LoA	-9,209	-0,059	0,294
CHR7	25152497	CHR7:25152497	SSF x LoA	-7,864	0,083	0,280
CHR7	25152507	CHR7:25152507	SSF x LoA	-8,644	0,076	0,287
CHR7	2516044	CHR7:2516044	SSF x LoA	-10,866	-0,039	0,281
CHR7	2516123	CHR7:2516123	SSF x LoA	-6,460	0,003	0,291
CHR7	2516259	CHR7:2516259	SSF x LoA	-9,836	-0,080	0,297
CHR7	2516352	CHR7:2516352	SSF x LoA	-9,973	-0,052	0,297
CHR7	2516390	CHR7:2516390	SSF x LoA	-9,089	0,027	0,277
CHR7	2516414	CHR7:2516414	SSF x LoA	-7,381	-0,008	0,282
CHR7	2516456	CHR7:2516456	SSF x LoA	-9,489	-0,034	0,290
CHR7	2516460	CHR7:2516460	SSF x LoA	-7,025	-0,119	0,287
CHR7	2516517	CHR7:2516517	SSF x LoA	-7,191	0,112	0,292
CHR7	25168162	CHR7:25168162	SSF x LoA	-9,513	0,055	0,285
CHR7	25168499	CHR7:25168499	SSF x LoA	-11,020	0,118	0,283
CHR7	25168502	CHR7:25168502	SSF x LoA	-10,391	0,036	0,296
CHR7	25183222	CHR7:25183222	SSF x LoA	-9,094	-0,101	0,277
CHR7	25183583	CHR7:25183583	SSF x LoA	-6,857	0,036	0,289
CHR7	25192474	CHR7:25192474	SSF x LoA	-11,743	-0,023	0,287
CHR7	25204318	CHR7:25204318	SSF x LoA	-9,291	-0,023	0,285
CHR7	25210498	CHR7:25210498	SSF x LoA	-10,747	0,149	0,280
CHR7	25212938	CHR7:25212938	SSF x LoA	-10,284	0,045	0,285
CHR7	25213080	CHR7:25213080	SSF x LoA	-8,515	-0,100	0,272
CHR7	25213204	CHR7:25213204	SSF x LoA	-7,833	-0,129	0,289
CHR7	25213276	CHR7:25213276	SSF x LoA	-8,217	-0,026	0,299
CHR7	25213314	CHR7:25213314	SSF x LoA	-8,196	0,104	0,292
CHR7	25217314	CHR7:25217314	SSF x LoA	-8,076	0,131	0,286
CHR7	25217334	CHR7:25217334	SSF x LoA	-8,309	-0,065	0,291
CHR7	25217384	CHR7:25217384	SSF x LoA	-7,726	0,011	0,303
CHR7	25217442	CHR7:25217442	SSF x LoA	-9,688	0,028	0,287
CHR7	25221971	CHR7:25221971	SSF x LoA	0,359	-0,010	0,297
CHR7	25222107	CHR7:25222107	SSF x LoA	-8,820	0,108	0,289
CHR7	25228322	CHR7:25228322	SSF x LoA	-8,028	0,055	0,283
CHR7	25228486	CHR7:25228486	SSF x LoA	-6,952	0,049	0,304
CHR7	25228621	CHR7:25228621	SSF x LoA	-9,230	0,094	0,281
CHR7	25230576	CHR7:25230576	SSF x LoA	-8,249	-0,136	0,278
CHR7	25230686	CHR7:25230686	SSF x LoA	-7,849	-0,023	0,283
CHR7	25230692	CHR7:25230692	SSF x LoA	-8,275	-0,099	0,304
CHR7	25230815	CHR7:25230815	SSF x LoA	-6,574	-0,153	0,290
CHR7	25230908	CHR7:25230908	SSF x LoA	-6,994	0,108	0,274
CHR7	25230941	CHR7:25230941	SSF x LoA	-10,195	-0,068	0,281
CHR7	25238358	CHR7:25238358	SSF x LoA	-9,305	0,168	0,282
CHR7	25238420	CHR7:25238420	SSF x LoA	-8,454	0,063	0,289
CHR7	25240566	CHR7:25240566	SSF x LoA	-8,607	-0,002	0,300
CHR7	25240697	CHR7:25240697	SSF x LoA	-10,319	0,015	0,286
CHR7	25250299	CHR7:25250299	SSF x LoA	-6,261	0,179	0,280

CHR7	25250396	CHR7:25250396	SSF x LoA	-8,417	-0,124	0,281
CHR7	25260790	CHR7:25260790	SSF x LoA	-6,975	0,053	0,300
CHR7	25262776	CHR7:25262776	SSF x LoA	4,193	0,187	0,260
CHR7	25282605	CHR7:25282605	SSF x LoA	-8,846	-0,021	0,272
CHR7	25332219	CHR7:25332219	SSF x LoA	-8,027	-0,118	0,287
CHR7	2534597	CHR7:2534597	SSF x LoA	-8,958	-0,126	0,294
CHR7	2534733	CHR7:2534733	SSF x LoA	-7,364	-0,147	0,290
CHR7	2535024	CHR7:2535024	SSF x LoA	-10,807	0,081	0,282
CHR7	25371756	CHR7:25371756	SSF x LoA	-9,706	-0,010	0,294
CHR7	25392124	CHR7:25392124	SSF x LoA	-5,762	-0,144	0,298
CHR7	25411566	CHR7:25411566	SSF x LoA	-8,073	-0,155	0,279
CHR7	2588607	CHR7:2588607	SSF x LoA	-7,614	0,067	0,301
CHR7	2603850	CHR7:2603850	SSF x LoA	-9,347	-0,075	0,288
CHR7	2603863	CHR7:2603863	SSF x LoA	-10,010	-0,041	0,281
CHR7	2604082	CHR7:2604082	SSF x LoA	-7,317	0,136	0,278
CHR7	2625411	CHR7:2625411	SSF x LoA	-8,566	0,008	0,283
CHR7	2625422	CHR7:2625422	SSF x LoA	-7,951	-0,024	0,299
CHR7	2638070	CHR7:2638070	SSF x LoA	-9,160	-0,050	0,298
CHR7	2638078	CHR7:2638078	SSF x LoA	-11,250	-0,042	0,284
CHR7	2638325	CHR7:2638325	SSF x LoA	-9,617	-0,032	0,292
CHR7	2638399	CHR7:2638399	SSF x LoA	-8,954	-0,008	0,281
CHR7	266970	CHR7:266970	SSF x LoA	-8,294	0,074	0,272
CHR7	266994	CHR7:266994	SSF x LoA	-8,825	0,041	0,292
CHR7	267003	CHR7:267003	SSF x LoA	-9,865	0,100	0,279
CHR7	267050	CHR7:267050	SSF x LoA	-8,865	0,074	0,274
CHR7	2700618	CHR7:2700618	SSF x LoA	-7,540	0,138	0,275
CHR7	2728131	CHR7:2728131	SSF x LoA	-9,904	0,083	0,307
CHR7	275854	CHR7:275854	SSF x LoA	-7,762	0,080	0,282
CHR7	275922	CHR7:275922	SSF x LoA	-8,408	-0,053	0,276
CHR7	2766378	CHR7:2766378	SSF x LoA	-9,218	-0,048	0,302
CHR7	2815202	CHR7:2815202	SSF x LoA	-9,143	-0,059	0,291
CHR7	2815228	CHR7:2815228	SSF x LoA	-5,224	0,019	0,297
CHR7	2822928	CHR7:2822928	SSF x LoA	-10,006	-0,017	0,289
CHR7	2827751	CHR7:2827751	SSF x LoA	-11,100	0,033	0,291
CHR7	2827819	CHR7:2827819	SSF x LoA	-5,697	0,003	0,304
CHR7	2827862	CHR7:2827862	SSF x LoA	-7,661	-0,014	0,288
CHR7	2832376	CHR7:2832376	SSF x LoA	-8,478	0,000	0,286
CHR7	2832579	CHR7:2832579	SSF x LoA	-10,526	0,001	0,270
CHR7	2835130	CHR7:2835130	SSF x LoA	-9,675	0,118	0,289
CHR7	2845912	CHR7:2845912	SSF x LoA	-10,753	0,027	0,278
CHR7	2845959	CHR7:2845959	SSF x LoA	-9,885	-0,073	0,291
CHR7	2845976	CHR7:2845976	SSF x LoA	-8,406	-0,073	0,296
CHR7	2845993	CHR7:2845993	SSF x LoA	-10,354	0,020	0,291
CHR7	2853865	CHR7:2853865	SSF x LoA	-9,246	0,077	0,286
CHR7	2854050	CHR7:2854050	SSF x LoA	-11,082	0,123	0,277
CHR7	2858503	CHR7:2858503	SSF x LoA	-8,930	0,071	0,302
CHR7	2858567	CHR7:2858567	SSF x LoA	-9,773	0,058	0,291
CHR7	2858628	CHR7:2858628	SSF x LoA	-9,718	0,047	0,293
CHR7	2858656	CHR7:2858656	SSF x LoA	-8,644	0,043	0,278
CHR7	2858666	CHR7:2858666	SSF x LoA	-8,826	0,123	0,289
CHR7	2858700	CHR7:2858700	SSF x LoA	-9,946	0,011	0,290
CHR7	2862063	CHR7:2862063	SSF x LoA	-8,698	0,074	0,298
CHR7	2862115	CHR7:2862115	SSF x LoA	-5,245	0,142	0,296

CHR7	2862193	CHR7:2862193	SSF x LoA	-8,750	0,043	0,294
CHR7	2862247	CHR7:2862247	SSF x LoA	-2,722	0,078	0,279
CHR7	2862271	CHR7:2862271	SSF x LoA	-10,841	0,087	0,280
CHR7	2862350	CHR7:2862350	SSF x LoA	-9,664	-0,116	0,286
CHR7	2865001	CHR7:2865001	SSF x LoA	-10,872	0,077	0,279
CHR7	2870755	CHR7:2870755	SSF x LoA	-6,058	0,132	0,284
CHR7	2870874	CHR7:2870874	SSF x LoA	-6,978	0,046	0,296
CHR7	2870906	CHR7:2870906	SSF x LoA	-10,038	-0,113	0,279
CHR7	2870945	CHR7:2870945	SSF x LoA	-7,653	-0,115	0,310
CHR7	2870949	CHR7:2870949	SSF x LoA	-9,537	-0,052	0,277
CHR7	2870950	CHR7:2870950	SSF x LoA	-4,239	-0,202	0,283
CHR7	2870956	CHR7:2870956	SSF x LoA	0,077	-0,056	0,296
CHR7	2870961	CHR7:2870961	SSF x LoA	-5,614	0,111	0,282
CHR7	2870969	CHR7:2870969	SSF x LoA	-8,631	0,071	0,267
CHR7	2871041	CHR7:2871041	SSF x LoA	-7,436	0,017	0,308
CHR7	2878476	CHR7:2878476	SSF x LoA	-11,773	-0,008	0,282
CHR7	2878559	CHR7:2878559	SSF x LoA	-11,356	0,058	0,288
CHR7	2878620	CHR7:2878620	SSF x LoA	-9,614	0,126	0,289
CHR7	2878711	CHR7:2878711	SSF x LoA	-10,257	0,049	0,300
CHR7	2887932	CHR7:2887932	SSF x LoA	-6,379	0,027	0,286
CHR7	2887938	CHR7:2887938	SSF x LoA	-8,304	0,015	0,298
CHR7	2891472	CHR7:2891472	SSF x LoA	-5,870	-0,127	0,278
CHR7	2891487	CHR7:2891487	SSF x LoA	-7,179	-0,022	0,299
CHR7	2891584	CHR7:2891584	SSF x LoA	-9,223	0,020	0,296
CHR7	2891666	CHR7:2891666	SSF x LoA	-8,076	-0,080	0,288
CHR7	2897898	CHR7:2897898	SSF x LoA	-9,737	0,004	0,269
CHR7	2897906	CHR7:2897906	SSF x LoA	-8,316	0,031	0,279
CHR7	2897970	CHR7:2897970	SSF x LoA	-7,097	0,110	0,294
CHR7	2916556	CHR7:2916556	SSF x LoA	2,099	0,230	0,278
CHR7	2916557	CHR7:2916557	SSF x LoA	-7,259	-0,109	0,282
CHR7	2924261	CHR7:2924261	SSF x LoA	-8,203	-0,004	0,293
CHR7	2924293	CHR7:2924293	SSF x LoA	-10,008	0,036	0,288
CHR7	2924350	CHR7:2924350	SSF x LoA	-7,344	-0,015	0,302
CHR7	2924368	CHR7:2924368	SSF x LoA	-7,756	0,002	0,294
CHR7	2924393	CHR7:2924393	SSF x LoA	-4,634	0,101	0,298
CHR7	2924460	CHR7:2924460	SSF x LoA	-7,984	0,063	0,294
CHR7	2930010	CHR7:2930010	SSF x LoA	-10,739	-0,031	0,291
CHR7	2931531	CHR7:2931531	SSF x LoA	-9,686	-0,035	0,304
CHR7	2931575	CHR7:2931575	SSF x LoA	-10,071	-0,061	0,277
CHR7	2931587	CHR7:2931587	SSF x LoA	-11,498	-0,046	0,303
CHR7	2931602	CHR7:2931602	SSF x LoA	-9,722	-0,079	0,279
CHR7	2941300	CHR7:2941300	SSF x LoA	-8,178	-0,114	0,275
CHR7	2967702	CHR7:2967702	SSF x LoA	-7,236	0,155	0,274
CHR7	2967875	CHR7:2967875	SSF x LoA	-9,259	0,052	0,289
CHR7	298838	CHR7:298838	SSF x LoA	-5,454	0,152	0,280
CHR7	300826	CHR7:300826	SSF x LoA	-8,836	0,037	0,303
CHR7	301387	CHR7:301387	SSF x LoA	-10,026	-0,123	0,281
CHR7	3037038	CHR7:3037038	SSF x LoA	-6,113	0,166	0,287
CHR7	3041276	CHR7:3041276	SSF x LoA	-6,948	0,011	0,292
CHR7	3044821	CHR7:3044821	SSF x LoA	-5,578	-0,105	0,299
CHR7	3044883	CHR7:3044883	SSF x LoA	-10,614	-0,023	0,288
CHR7	3054520	CHR7:3054520	SSF x LoA	-8,092	-0,032	0,299
CHR7	3054670	CHR7:3054670	SSF x LoA	-7,801	-0,152	0,285

CHR7	3061201	CHR7:3061201	SSF x LoA	-7,753	0,047	0,300
CHR7	3067201	CHR7:3067201	SSF x LoA	-2,189	-0,204	0,269
CHR7	3067207	CHR7:3067207	SSF x LoA	-7,210	-0,192	0,282
CHR7	3067221	CHR7:3067221	SSF x LoA	-7,777	0,166	0,283
CHR7	3067227	CHR7:3067227	SSF x LoA	-10,814	0,038	0,288
CHR7	3074509	CHR7:3074509	SSF x LoA	-8,083	-0,036	0,278
CHR7	3074512	CHR7:3074512	SSF x LoA	-7,544	-0,115	0,295
CHR7	3074521	CHR7:3074521	SSF x LoA	-10,770	-0,023	0,285
CHR7	3074523	CHR7:3074523	SSF x LoA	-7,587	-0,100	0,303
CHR7	3074545	CHR7:3074545	SSF x LoA	-7,527	-0,034	0,287
CHR7	3074551	CHR7:3074551	SSF x LoA	-5,514	-0,081	0,291
CHR7	3074574	CHR7:3074574	SSF x LoA	-9,879	-0,026	0,290
CHR7	3074595	CHR7:3074595	SSF x LoA	-8,684	-0,055	0,281
CHR7	3074600	CHR7:3074600	SSF x LoA	-11,834	-0,040	0,279
CHR7	3074620	CHR7:3074620	SSF x LoA	-9,876	-0,029	0,289
CHR7	3074673	CHR7:3074673	SSF x LoA	-11,282	0,035	0,300
CHR7	3074753	CHR7:3074753	SSF x LoA	-10,286	-0,060	0,285
CHR7	3074782	CHR7:3074782	SSF x LoA	-9,444	-0,079	0,299
CHR7	3074795	CHR7:3074795	SSF x LoA	-9,085	-0,054	0,291
CHR7	3074825	CHR7:3074825	SSF x LoA	-9,178	-0,078	0,302
CHR7	3074867	CHR7:3074867	SSF x LoA	-10,620	-0,068	0,283
CHR7	3081167	CHR7:3081167	SSF x LoA	-9,667	-0,001	0,283
CHR7	3105263	CHR7:3105263	SSF x LoA	-10,237	-0,082	0,276
CHR7	3105277	CHR7:3105277	SSF x LoA	-10,824	-0,071	0,281
CHR7	3105279	CHR7:3105279	SSF x LoA	-9,788	-0,047	0,287
CHR7	3105331	CHR7:3105331	SSF x LoA	-8,997	0,013	0,294
CHR7	3105335	CHR7:3105335	SSF x LoA	-9,812	-0,087	0,271
CHR7	3147859	CHR7:3147859	SSF x LoA	-5,954	0,139	0,292
CHR7	3148687	CHR7:3148687	SSF x LoA	-8,849	0,089	0,281
CHR7	3148692	CHR7:3148692	SSF x LoA	-9,123	0,084	0,285
CHR7	3154725	CHR7:3154725	SSF x LoA	-8,958	-0,083	0,281
CHR7	3154828	CHR7:3154828	SSF x LoA	-10,564	0,088	0,277
CHR7	3162252	CHR7:3162252	SSF x LoA	-8,079	0,156	0,294
CHR7	3180157	CHR7:3180157	SSF x LoA	-9,148	0,072	0,286
CHR7	3180171	CHR7:3180171	SSF x LoA	-7,300	0,112	0,279
CHR7	3180378	CHR7:3180378	SSF x LoA	-4,736	-0,140	0,284
CHR7	3180429	CHR7:3180429	SSF x LoA	1,592	-0,296	0,267
CHR7	3180482	CHR7:3180482	SSF x LoA	0,875	0,122	0,282
CHR7	3199864	CHR7:3199864	SSF x LoA	-9,654	0,059	0,305
CHR7	3199933	CHR7:3199933	SSF x LoA	-9,387	0,054	0,298
CHR7	3209732	CHR7:3209732	SSF x LoA	-11,076	-0,013	0,296
CHR7	3236386	CHR7:3236386	SSF x LoA	-7,417	0,070	0,303
CHR7	3236419	CHR7:3236419	SSF x LoA	-7,729	0,048	0,302
CHR7	3267683	CHR7:3267683	SSF x LoA	-9,793	-0,040	0,294
CHR7	3287179	CHR7:3287179	SSF x LoA	-7,625	-0,043	0,281
CHR7	3300600	CHR7:3300600	SSF x LoA	-8,887	0,014	0,290
CHR7	3317069	CHR7:3317069	SSF x LoA	-8,487	0,012	0,278
CHR7	3317082	CHR7:3317082	SSF x LoA	-8,829	0,132	0,293
CHR7	3317085	CHR7:3317085	SSF x LoA	-7,808	0,128	0,299
CHR7	3378529	CHR7:3378529	SSF x LoA	-6,587	0,022	0,274
CHR7	3397917	CHR7:3397917	SSF x LoA	-10,759	0,021	0,286
CHR7	3398091	CHR7:3398091	SSF x LoA	-6,453	-0,141	0,293
CHR7	341430	CHR7:341430	SSF x LoA	-7,969	0,051	0,300

CHR7	3433284	CHR7:3433284	SSF x LoA	-7,349	-0,004	0,270
CHR7	3469567	CHR7:3469567	SSF x LoA	-9,057	-0,039	0,281
CHR7	3522401	CHR7:3522401	SSF x LoA	-10,620	-0,011	0,294
CHR7	3522405	CHR7:3522405	SSF x LoA	-8,292	-0,066	0,284
CHR7	3522411	CHR7:3522411	SSF x LoA	-6,783	-0,108	0,281
CHR7	3522416	CHR7:3522416	SSF x LoA	-10,330	-0,014	0,283
CHR7	3522442	CHR7:3522442	SSF x LoA	-8,389	-0,119	0,276
CHR7	3522450	CHR7:3522450	SSF x LoA	-7,990	-0,118	0,280
CHR7	3522456	CHR7:3522456	SSF x LoA	-8,521	-0,111	0,278
CHR7	3522479	CHR7:3522479	SSF x LoA	-6,001	-0,117	0,280
CHR7	3526218	CHR7:3526218	SSF x LoA	-8,673	0,009	0,285
CHR7	3526226	CHR7:3526226	SSF x LoA	-7,778	0,101	0,305
CHR7	3529230	CHR7:3529230	SSF x LoA	-5,864	0,089	0,299
CHR7	3532929	CHR7:3532929	SSF x LoA	-8,238	0,046	0,291
CHR7	3533113	CHR7:3533113	SSF x LoA	-8,448	0,072	0,287
CHR7	3534170	CHR7:3534170	SSF x LoA	-9,177	-0,033	0,285
CHR7	3559161	CHR7:3559161	SSF x LoA	-7,979	-0,036	0,299
CHR7	3580526	CHR7:3580526	SSF x LoA	-6,924	-0,078	0,290
CHR7	3588156	CHR7:3588156	SSF x LoA	-5,398	-0,174	0,291
CHR7	3642935	CHR7:3642935	SSF x LoA	-2,055	-0,099	0,284
CHR7	3643086	CHR7:3643086	SSF x LoA	-9,534	0,045	0,289
CHR7	3644966	CHR7:3644966	SSF x LoA	-6,604	0,131	0,292
CHR7	3646302	CHR7:3646302	SSF x LoA	-8,598	0,163	0,279
CHR7	3648276	CHR7:3648276	SSF x LoA	-3,290	0,208	0,272
CHR7	3648353	CHR7:3648353	SSF x LoA	-7,181	0,155	0,289
CHR7	3648398	CHR7:3648398	SSF x LoA	-10,020	-0,048	0,285
CHR7	3671268	CHR7:3671268	SSF x LoA	-7,078	0,078	0,286
CHR7	3678725	CHR7:3678725	SSF x LoA	-8,303	-0,014	0,288
CHR7	3678915	CHR7:3678915	SSF x LoA	-10,487	0,005	0,295
CHR7	3685172	CHR7:3685172	SSF x LoA	-8,660	0,022	0,280
CHR7	3685353	CHR7:3685353	SSF x LoA	-6,100	-0,106	0,280
CHR7	3691903	CHR7:3691903	SSF x LoA	2,432	0,003	0,291
CHR7	3691906	CHR7:3691906	SSF x LoA	-4,938	-0,143	0,273
CHR7	3691980	CHR7:3691980	SSF x LoA	-8,822	0,017	0,284
CHR7	3692160	CHR7:3692160	SSF x LoA	-6,525	-0,149	0,285
CHR7	3692163	CHR7:3692163	SSF x LoA	0,816	-0,216	0,281
CHR7	3697124	CHR7:3697124	SSF x LoA	-11,160	0,056	0,286
CHR7	3697127	CHR7:3697127	SSF x LoA	-9,091	0,040	0,286
CHR7	3697421	CHR7:3697421	SSF x LoA	-9,549	0,079	0,281
CHR7	3727601	CHR7:3727601	SSF x LoA	-8,353	0,004	0,295
CHR7	3739586	CHR7:3739586	SSF x LoA	-8,149	0,072	0,279
CHR7	3739601	CHR7:3739601	SSF x LoA	-9,492	-0,044	0,287
CHR7	3739769	CHR7:3739769	SSF x LoA	-5,830	0,126	0,293
CHR7	3772304	CHR7:3772304	SSF x LoA	-9,033	0,001	0,278
CHR7	383756	CHR7:383756	SSF x LoA	-11,015	-0,048	0,276
CHR7	383918	CHR7:383918	SSF x LoA	-10,602	-0,044	0,281
CHR7	383943	CHR7:383943	SSF x LoA	-4,265	-0,197	0,274
CHR7	383997	CHR7:383997	SSF x LoA	-6,669	0,180	0,292
CHR7	384172	CHR7:384172	SSF x LoA	-5,923	-0,243	0,281
CHR7	384232	CHR7:384232	SSF x LoA	-7,381	-0,017	0,302
CHR7	3846513	CHR7:3846513	SSF x LoA	-10,007	-0,008	0,303
CHR7	3870239	CHR7:3870239	SSF x LoA	-10,786	-0,043	0,290
CHR7	3870294	CHR7:3870294	SSF x LoA	-8,787	0,062	0,283

CHR7	3901485	CHR7:3901485	SSF x LoA	-9,156	0,002	0,278
CHR7	3901495	CHR7:3901495	SSF x LoA	-8,402	-0,002	0,286
CHR7	3907252	CHR7:3907252	SSF x LoA	-8,601	-0,039	0,298
CHR7	3907319	CHR7:3907319	SSF x LoA	-10,335	0,093	0,287
CHR7	3931053	CHR7:3931053	SSF x LoA	-8,299	-0,038	0,295
CHR7	3931286	CHR7:3931286	SSF x LoA	-5,316	-0,155	0,295
CHR7	3931336	CHR7:3931336	SSF x LoA	-5,288	-0,101	0,280
CHR7	3931338	CHR7:3931338	SSF x LoA	-8,353	-0,106	0,284
CHR7	3931476	CHR7:3931476	SSF x LoA	-9,957	0,027	0,286
CHR7	3931480	CHR7:3931480	SSF x LoA	-8,283	0,035	0,284
CHR7	3939137	CHR7:3939137	SSF x LoA	-10,021	-0,098	0,291
CHR7	3939147	CHR7:3939147	SSF x LoA	-8,775	0,003	0,288
CHR7	3939276	CHR7:3939276	SSF x LoA	-7,254	-0,112	0,300
CHR7	3939403	CHR7:3939403	SSF x LoA	-10,180	-0,020	0,287
CHR7	3949923	CHR7:3949923	SSF x LoA	-10,718	-0,060	0,293
CHR7	3949951	CHR7:3949951	SSF x LoA	-6,431	0,169	0,291
CHR7	3949992	CHR7:3949992	SSF x LoA	-6,530	0,098	0,276
CHR7	3950006	CHR7:3950006	SSF x LoA	-9,276	0,047	0,294
CHR7	3950052	CHR7:3950052	SSF x LoA	-10,327	0,045	0,302
CHR7	3953733	CHR7:3953733	SSF x LoA	-9,110	-0,106	0,283
CHR7	3977219	CHR7:3977219	SSF x LoA	-5,514	-0,181	0,286
CHR7	3977230	CHR7:3977230	SSF x LoA	-7,889	-0,041	0,291
CHR7	3977396	CHR7:3977396	SSF x LoA	-7,916	0,023	0,281
CHR7	3977418	CHR7:3977418	SSF x LoA	-6,590	-0,028	0,284
CHR7	3980717	CHR7:3980717	SSF x LoA	-6,519	0,127	0,300
CHR7	3980747	CHR7:3980747	SSF x LoA	-4,866	-0,086	0,285
CHR7	3980792	CHR7:3980792	SSF x LoA	-9,892	-0,095	0,287
CHR7	4049730	CHR7:4049730	SSF x LoA	-2,854	0,108	0,283
CHR7	4049879	CHR7:4049879	SSF x LoA	-1,274	-0,106	0,292
CHR7	4049942	CHR7:4049942	SSF x LoA	-8,689	0,180	0,287
CHR7	4050118	CHR7:4050118	SSF x LoA	-8,027	-0,017	0,287
CHR7	4050122	CHR7:4050122	SSF x LoA	-3,092	-0,052	0,289
CHR7	4050157	CHR7:4050157	SSF x LoA	-9,803	0,036	0,290
CHR7	4060583	CHR7:4060583	SSF x LoA	-9,478	0,013	0,294
CHR7	4062216	CHR7:4062216	SSF x LoA	-9,778	-0,048	0,290
CHR7	406823	CHR7:406823	SSF x LoA	-7,742	-0,018	0,290
CHR7	406876	CHR7:406876	SSF x LoA	-8,662	-0,005	0,292
CHR7	4079150	CHR7:4079150	SSF x LoA	-9,737	-0,018	0,283
CHR7	4082476	CHR7:4082476	SSF x LoA	-5,890	-0,117	0,281
CHR7	4094999	CHR7:4094999	SSF x LoA	-6,724	-0,045	0,300
CHR7	4095063	CHR7:4095063	SSF x LoA	-7,620	0,120	0,289
CHR7	4095145	CHR7:4095145	SSF x LoA	-7,914	-0,104	0,292
CHR7	4095175	CHR7:4095175	SSF x LoA	-9,625	0,076	0,286
CHR7	4095179	CHR7:4095179	SSF x LoA	-7,082	0,113	0,299
CHR7	4096807	CHR7:4096807	SSF x LoA	-6,570	-0,146	0,283
CHR7	4096930	CHR7:4096930	SSF x LoA	-9,817	-0,094	0,277
CHR7	4096987	CHR7:4096987	SSF x LoA	-5,142	0,083	0,296
CHR7	4097012	CHR7:4097012	SSF x LoA	-8,852	-0,038	0,300
CHR7	4097015	CHR7:4097015	SSF x LoA	-9,940	-0,030	0,281
CHR7	4116708	CHR7:4116708	SSF x LoA	-6,648	0,099	0,290
CHR7	4116837	CHR7:4116837	SSF x LoA	-9,417	0,021	0,280
CHR7	4116929	CHR7:4116929	SSF x LoA	-10,044	0,057	0,291
CHR7	4129757	CHR7:4129757	SSF x LoA	-9,342	0,029	0,293

CHR7	4129939	CHR7:4129939	SSF x LoA	-5,929	0,117	0,288
CHR7	4135751	CHR7:4135751	SSF x LoA	-6,842	-0,134	0,276
CHR7	4135966	CHR7:4135966	SSF x LoA	-6,009	-0,209	0,278
CHR7	4153695	CHR7:4153695	SSF x LoA	-8,731	0,038	0,286
CHR7	4153819	CHR7:4153819	SSF x LoA	-9,528	0,039	0,285
CHR7	4153982	CHR7:4153982	SSF x LoA	-8,467	-0,156	0,288
CHR7	4154088	CHR7:4154088	SSF x LoA	-4,636	-0,069	0,291
CHR7	4154090	CHR7:4154090	SSF x LoA	-8,276	0,120	0,286
CHR7	4155446	CHR7:4155446	SSF x LoA	-8,696	0,130	0,296
CHR7	4160599	CHR7:4160599	SSF x LoA	-8,299	0,097	0,282
CHR7	4160631	CHR7:4160631	SSF x LoA	-9,451	0,062	0,278
CHR7	4160675	CHR7:4160675	SSF x LoA	-7,550	0,073	0,292
CHR7	4170062	CHR7:4170062	SSF x LoA	-7,919	-0,112	0,286
CHR7	4170261	CHR7:4170261	SSF x LoA	-8,763	-0,011	0,270
CHR7	4170307	CHR7:4170307	SSF x LoA	-7,717	0,076	0,294
CHR7	4170326	CHR7:4170326	SSF x LoA	-8,825	0,071	0,287
CHR7	4172004	CHR7:4172004	SSF x LoA	-7,092	0,086	0,283
CHR7	4172010	CHR7:4172010	SSF x LoA	-2,929	-0,246	0,255
CHR7	4172242	CHR7:4172242	SSF x LoA	-8,779	0,014	0,298
CHR7	4180513	CHR7:4180513	SSF x LoA	-10,432	-0,093	0,281
CHR7	4193214	CHR7:4193214	SSF x LoA	-7,982	-0,002	0,289
CHR7	4199114	CHR7:4199114	SSF x LoA	-6,528	-0,116	0,285
CHR7	4208275	CHR7:4208275	SSF x LoA	-10,526	-0,047	0,297
CHR7	4217671	CHR7:4217671	SSF x LoA	-11,892	-0,064	0,288
CHR7	4231719	CHR7:4231719	SSF x LoA	-8,504	0,100	0,276
CHR7	4231776	CHR7:4231776	SSF x LoA	-8,058	0,062	0,289
CHR7	4277814	CHR7:4277814	SSF x LoA	-9,077	0,025	0,290
CHR7	4277816	CHR7:4277816	SSF x LoA	-6,725	0,019	0,293
CHR7	4346599	CHR7:4346599	SSF x LoA	-8,039	-0,104	0,273
CHR7	4346641	CHR7:4346641	SSF x LoA	-7,634	-0,049	0,290
CHR7	4346690	CHR7:4346690	SSF x LoA	-7,886	-0,138	0,292
CHR7	4346705	CHR7:4346705	SSF x LoA	-6,352	-0,124	0,285
CHR7	4346977	CHR7:4346977	SSF x LoA	-7,499	-0,001	0,297
CHR7	4348773	CHR7:4348773	SSF x LoA	-6,337	-0,170	0,275
CHR7	4348775	CHR7:4348775	SSF x LoA	-3,533	-0,160	0,283
CHR7	4348829	CHR7:4348829	SSF x LoA	-8,173	-0,019	0,278
CHR7	4348833	CHR7:4348833	SSF x LoA	-9,295	-0,049	0,284
CHR7	4348881	CHR7:4348881	SSF x LoA	-5,481	-0,046	0,297
CHR7	4348951	CHR7:4348951	SSF x LoA	-9,079	0,090	0,281
CHR7	437228	CHR7:437228	SSF x LoA	-6,931	0,173	0,272
CHR7	4374793	CHR7:4374793	SSF x LoA	-8,786	0,073	0,289
CHR7	4374896	CHR7:4374896	SSF x LoA	-10,323	0,015	0,297
CHR7	4374930	CHR7:4374930	SSF x LoA	-8,138	-0,031	0,290
CHR7	4374941	CHR7:4374941	SSF x LoA	-9,215	-0,017	0,283
CHR7	4384649	CHR7:4384649	SSF x LoA	-8,414	0,060	0,301
CHR7	4384684	CHR7:4384684	SSF x LoA	-7,331	0,073	0,281
CHR7	4391297	CHR7:4391297	SSF x LoA	-7,058	0,084	0,290
CHR7	4391309	CHR7:4391309	SSF x LoA	-4,066	0,186	0,268
CHR7	4418878	CHR7:4418878	SSF x LoA	-11,358	0,018	0,286
CHR7	4418894	CHR7:4418894	SSF x LoA	-9,575	0,042	0,289
CHR7	4418910	CHR7:4418910	SSF x LoA	-9,258	0,055	0,286
CHR7	4418928	CHR7:4418928	SSF x LoA	-7,368	-0,160	0,288
CHR7	4418951	CHR7:4418951	SSF x LoA	-4,303	0,205	0,280

CHR7	4418969	CHR7:4418969	SSF x LoA	-10,521	-0,115	0,285
CHR7	4419024	CHR7:4419024	SSF x LoA	-7,961	0,061	0,308
CHR7	4419072	CHR7:4419072	SSF x LoA	-2,833	-0,127	0,291
CHR7	4451703	CHR7:4451703	SSF x LoA	-7,575	0,178	0,275
CHR7	4454486	CHR7:4454486	SSF x LoA	-11,705	0,029	0,284
CHR7	4454584	CHR7:4454584	SSF x LoA	-3,851	-0,112	0,277
CHR7	4498789	CHR7:4498789	SSF x LoA	-7,299	-0,101	0,285
CHR7	4504067	CHR7:4504067	SSF x LoA	-7,690	0,108	0,284
CHR7	4515395	CHR7:4515395	SSF x LoA	-10,644	-0,099	0,284
CHR7	4515468	CHR7:4515468	SSF x LoA	-11,754	0,032	0,291
CHR7	4515485	CHR7:4515485	SSF x LoA	-7,690	0,186	0,281
CHR7	4515621	CHR7:4515621	SSF x LoA	-9,801	-0,078	0,287
CHR7	4812283	CHR7:4812283	SSF x LoA	-9,419	-0,103	0,302
CHR7	60458	CHR7:60458	SSF x LoA	-10,240	-0,044	0,285
CHR7	60704	CHR7:60704	SSF x LoA	-6,107	-0,048	0,299
CHR7	64077	CHR7:64077	SSF x LoA	0,711	0,032	0,266
CHR7	7149047	CHR7:7149047	SSF x LoA	-11,213	-0,038	0,281
CHR7	7170430	CHR7:7170430	SSF x LoA	-10,095	-0,072	0,290
CHR7	7171653	CHR7:7171653	SSF x LoA	-7,694	0,130	0,291
CHR7	7172974	CHR7:7172974	SSF x LoA	-8,571	-0,024	0,286
CHR7	7200704	CHR7:7200704	SSF x LoA	-10,422	0,056	0,298
CHR7	7288729	CHR7:7288729	SSF x LoA	-7,579	-0,037	0,305
CHR7	7288819	CHR7:7288819	SSF x LoA	-8,204	-0,114	0,287
CHR7	7288871	CHR7:7288871	SSF x LoA	-4,915	0,127	0,295
CHR7	7307530	CHR7:7307530	SSF x LoA	-8,487	0,098	0,295
CHR7	7328068	CHR7:7328068	SSF x LoA	-5,880	0,018	0,283
CHR7	7418541	CHR7:7418541	SSF x LoA	-5,996	0,205	0,283
CHR7	7426598	CHR7:7426598	SSF x LoA	-6,161	0,177	0,302
CHR7	7467325	CHR7:7467325	SSF x LoA	-10,840	-0,080	0,277
CHR7	7478527	CHR7:7478527	SSF x LoA	-9,855	0,025	0,291
CHR7	7496360	CHR7:7496360	SSF x LoA	-8,696	0,114	0,299
CHR7	7503380	CHR7:7503380	SSF x LoA	-8,117	0,004	0,303
CHR7	7507783	CHR7:7507783	SSF x LoA	-7,991	0,118	0,294
CHR7	7517411	CHR7:7517411	SSF x LoA	-7,030	0,082	0,299
CHR7	7517424	CHR7:7517424	SSF x LoA	-8,275	0,067	0,304
CHR7	7517435	CHR7:7517435	SSF x LoA	-9,024	0,075	0,290
CHR7	7558656	CHR7:7558656	SSF x LoA	-8,799	-0,077	0,288
CHR7	7659990	CHR7:7659990	SSF x LoA	-11,327	0,073	0,282
CHR7	7663014	CHR7:7663014	SSF x LoA	-4,073	0,212	0,281
CHR7	7663155	CHR7:7663155	SSF x LoA	-10,912	0,038	0,297
CHR7	7823084	CHR7:7823084	SSF x LoA	-4,039	0,199	0,285
CHR7	7828178	CHR7:7828178	SSF x LoA	-5,534	0,143	0,288
CHR7	7828369	CHR7:7828369	SSF x LoA	-7,493	0,066	0,289
CHR7	7837578	CHR7:7837578	SSF x LoA	-7,434	-0,099	0,290
CHR7	7861317	CHR7:7861317	SSF x LoA	-4,373	0,212	0,273
CHR7	7861336	CHR7:7861336	SSF x LoA	-0,863	0,218	0,278
CHR7	7889733	CHR7:7889733	SSF x LoA	-7,283	-0,142	0,275
CHR7	7910727	CHR7:7910727	SSF x LoA	-7,064	0,090	0,288
CHR7	7928689	CHR7:7928689	SSF x LoA	-10,810	-0,059	0,290
CHR7	7930875	CHR7:7930875	SSF x LoA	-9,694	-0,046	0,278
CHR7	7930969	CHR7:7930969	SSF x LoA	-1,815	-0,112	0,279
CHR7	7958803	CHR7:7958803	SSF x LoA	-8,085	-0,054	0,290
CHR7	7958819	CHR7:7958819	SSF x LoA	-7,786	-0,012	0,282

CHR7	7964226	CHR7:7964226	SSF x LoA	-10,450	0,015	0,304
CHR7	7978758	CHR7:7978758	SSF x LoA	-9,731	0,020	0,292
CHR7	7978886	CHR7:7978886	SSF x LoA	-10,357	0,032	0,290
CHR7	7993297	CHR7:7993297	SSF x LoA	-8,376	-0,060	0,275
CHR7	8008353	CHR7:8008353	SSF x LoA	-6,989	-0,124	0,294
CHR7	8013208	CHR7:8013208	SSF x LoA	-9,886	-0,032	0,294
CHR7	8013377	CHR7:8013377	SSF x LoA	-6,319	0,152	0,284
CHR7	8020106	CHR7:8020106	SSF x LoA	-7,830	-0,039	0,296
CHR7	8028157	CHR7:8028157	SSF x LoA	-7,345	-0,026	0,282
CHR7	8028182	CHR7:8028182	SSF x LoA	-7,295	0,049	0,284
CHR7	8047000	CHR7:8047000	SSF x LoA	-5,512	0,109	0,288
CHR7	8047001	CHR7:8047001	SSF x LoA	-10,801	-0,029	0,286
CHR7	80528	CHR7:80528	SSF x LoA	-9,340	0,027	0,281
CHR7	8057525	CHR7:8057525	SSF x LoA	-5,462	0,105	0,286
CHR7	8069414	CHR7:8069414	SSF x LoA	-9,026	0,011	0,270
CHR7	8287348	CHR7:8287348	SSF x LoA	-9,404	-0,052	0,297
CHR7	8293840	CHR7:8293840	SSF x LoA	-8,253	-0,088	0,290
CHR7	8293893	CHR7:8293893	SSF x LoA	-6,354	-0,118	0,294
CHR7	8293988	CHR7:8293988	SSF x LoA	-11,209	0,011	0,286
CHR7	8294199	CHR7:8294199	SSF x LoA	-6,306	-0,160	0,277
CHR7	8306386	CHR7:8306386	SSF x LoA	3,930	0,036	0,296
CHR7	8306449	CHR7:8306449	SSF x LoA	-8,989	-0,073	0,280
CHR7	8315094	CHR7:8315094	SSF x LoA	-9,816	0,042	0,285
CHR7	8315234	CHR7:8315234	SSF x LoA	-7,764	-0,105	0,289
CHR7	8315286	CHR7:8315286	SSF x LoA	2,090	0,097	0,289
CHR7	8341176	CHR7:8341176	SSF x LoA	-3,843	0,262	0,274
CHR7	8341254	CHR7:8341254	SSF x LoA	-2,867	0,253	0,269
CHR7	8358676	CHR7:8358676	SSF x LoA	-3,356	-0,184	0,279
CHR7	8358907	CHR7:8358907	SSF x LoA	-7,041	-0,137	0,273
CHR7	8409081	CHR7:8409081	SSF x LoA	-7,051	0,148	0,266
CHR7	8409087	CHR7:8409087	SSF x LoA	-3,304	0,147	0,267
CHR7	8419460	CHR7:8419460	SSF x LoA	-9,165	-0,016	0,300
CHR7	8426880	CHR7:8426880	SSF x LoA	-7,518	-0,156	0,267
CHR7	8426967	CHR7:8426967	SSF x LoA	-6,891	-0,158	0,268
CHR7	8438897	CHR7:8438897	SSF x LoA	-7,475	0,178	0,258
CHR7	8438999	CHR7:8438999	SSF x LoA	-9,427	-0,054	0,288
CHR7	8439141	CHR7:8439141	SSF x LoA	-8,569	-0,033	0,289
CHR7	8449170	CHR7:8449170	SSF x LoA	-10,111	0,101	0,300
CHR7	8476967	CHR7:8476967	SSF x LoA	-8,729	0,031	0,300
CHR7	8477053	CHR7:8477053	SSF x LoA	-8,551	0,020	0,301
CHR7	8497234	CHR7:8497234	SSF x LoA	-7,871	0,002	0,302
CHR7	8497280	CHR7:8497280	SSF x LoA	-10,863	0,031	0,283
CHR7	8497377	CHR7:8497377	SSF x LoA	-7,226	0,103	0,287
CHR7	8518798	CHR7:8518798	SSF x LoA	-9,758	0,013	0,291
CHR7	8533015	CHR7:8533015	SSF x LoA	-8,585	-0,103	0,285
CHR7	8533093	CHR7:8533093	SSF x LoA	-9,604	-0,004	0,285
CHR7	8536977	CHR7:8536977	SSF x LoA	-6,301	-0,208	0,280
CHR7	8537089	CHR7:8537089	SSF x LoA	-3,351	-0,214	0,280
CHR7	8547698	CHR7:8547698	SSF x LoA	-6,048	0,176	0,284
CHR7	8548630	CHR7:8548630	SSF x LoA	-9,504	0,094	0,292
CHR7	8560062	CHR7:8560062	SSF x LoA	-11,032	0,045	0,277
CHR7	8566441	CHR7:8566441	SSF x LoA	-11,397	0,039	0,288
CHR7	8566518	CHR7:8566518	SSF x LoA	-10,329	0,000	0,283

CHR7	8591112	CHR7:8591112	SSF x LoA	-9,884	0,092	0,289
CHR7	8591289	CHR7:8591289	SSF x LoA	-9,445	0,017	0,289
CHR7	8591300	CHR7:8591300	SSF x LoA	-9,451	-0,001	0,290
CHR7	8594613	CHR7:8594613	SSF x LoA	-9,090	0,007	0,293
CHR7	8600815	CHR7:8600815	SSF x LoA	0,758	-0,149	0,282
CHR7	8607952	CHR7:8607952	SSF x LoA	-6,801	0,056	0,293
CHR7	8616394	CHR7:8616394	SSF x LoA	-6,287	-0,204	0,276
CHR7	8616408	CHR7:8616408	SSF x LoA	-6,254	-0,098	0,296
CHR7	8616429	CHR7:8616429	SSF x LoA	-7,678	0,100	0,287
CHR7	8616577	CHR7:8616577	SSF x LoA	-7,134	0,106	0,283
CHR7	8626379	CHR7:8626379	SSF x LoA	-9,651	-0,053	0,281
CHR7	8633019	CHR7:8633019	SSF x LoA	-9,423	0,056	0,292
CHR7	8652188	CHR7:8652188	SSF x LoA	-8,099	0,122	0,283
CHR7	8661407	CHR7:8661407	SSF x LoA	-4,434	0,098	0,291
CHR7	8661602	CHR7:8661602	SSF x LoA	-7,995	0,086	0,292
CHR7	8661656	CHR7:8661656	SSF x LoA	-7,867	-0,119	0,293
CHR7	8714239	CHR7:8714239	SSF x LoA	-9,303	-0,009	0,275
CHR7	8720953	CHR7:8720953	SSF x LoA	-8,799	0,045	0,280
CHR7	8748014	CHR7:8748014	SSF x LoA	-10,121	-0,025	0,304
CHR7	8764474	CHR7:8764474	SSF x LoA	-7,253	-0,101	0,290
CHR7	8766421	CHR7:8766421	SSF x LoA	-9,680	0,069	0,300
CHR7	8883143	CHR7:8883143	SSF x LoA	-8,904	0,009	0,308
CHR7	8891864	CHR7:8891864	SSF x LoA	-7,323	0,091	0,279
CHR7	8916563	CHR7:8916563	SSF x LoA	-7,427	0,129	0,275
CHR7	8921063	CHR7:8921063	SSF x LoA	-6,362	0,107	0,276
CHR7	8931109	CHR7:8931109	SSF x LoA	-8,950	0,056	0,292
CHR7	8946237	CHR7:8946237	SSF x LoA	-9,930	0,054	0,289
CHR7	8951427	CHR7:8951427	SSF x LoA	-6,806	-0,050	0,302
CHR7	8967969	CHR7:8967969	SSF x LoA	-9,224	-0,033	0,271
CHR7	8967980	CHR7:8967980	SSF x LoA	-10,706	-0,013	0,289
CHR7	8985099	CHR7:8985099	SSF x LoA	-8,871	-0,129	0,280
CHR7	8985252	CHR7:8985252	SSF x LoA	-7,818	-0,217	0,268
CHR7	8993685	CHR7:8993685	SSF x LoA	-10,335	-0,039	0,293
CHR7	8993808	CHR7:8993808	SSF x LoA	-7,698	-0,010	0,301
CHR7	9004848	CHR7:9004848	SSF x LoA	-7,786	0,105	0,305
CHR7	9004974	CHR7:9004974	SSF x LoA	-9,670	-0,014	0,303
CHR7	9040983	CHR7:9040983	SSF x LoA	-10,810	0,043	0,295
CHR7	9082734	CHR7:9082734	SSF x LoA	-9,031	-0,040	0,300
CHR7	9082738	CHR7:9082738	SSF x LoA	-7,825	0,121	0,271
CHR7	9084736	CHR7:9084736	SSF x LoA	-10,359	-0,009	0,283
CHR7	9085771	CHR7:9085771	SSF x LoA	-8,594	-0,007	0,305
CHR7	9092987	CHR7:9092987	SSF x LoA	-10,664	-0,053	0,286
CHR7	9136753	CHR7:9136753	SSF x LoA	-6,615	0,073	0,291
CHR7	9143284	CHR7:9143284	SSF x LoA	-0,316	0,175	0,292
CHR7	9177979	CHR7:9177979	SSF x LoA	-7,410	-0,001	0,289
CHR7	9177999	CHR7:9177999	SSF x LoA	-10,639	-0,086	0,278
CHR7	9178160	CHR7:9178160	SSF x LoA	-4,722	0,213	0,275
CHR7	9192147	CHR7:9192147	SSF x LoA	-8,841	-0,012	0,286
CHR7	9201308	CHR7:9201308	SSF x LoA	-6,144	-0,091	0,286
CHR7	9211241	CHR7:9211241	SSF x LoA	-7,856	0,146	0,290
CHR7	9211242	CHR7:9211242	SSF x LoA	-7,485	-0,009	0,291
CHR7	9261586	CHR7:9261586	SSF x LoA	-4,924	0,001	0,309
CHR7	9276234	CHR7:9276234	SSF x LoA	-7,381	-0,036	0,301

CHR7	9276241	CHR7:9276241	SSF x LoA	-7,700	0,017	0,291
CHR7	9297511	CHR7:9297511	SSF x LoA	-6,886	-0,075	0,299
CHR7	9297533	CHR7:9297533	SSF x LoA	-8,594	-0,070	0,279
CHR7	9320775	CHR7:9320775	SSF x LoA	-11,062	-0,084	0,283
CHR7	9355651	CHR7:9355651	SSF x LoA	-7,175	-0,138	0,272
CHR7	9355658	CHR7:9355658	SSF x LoA	-6,859	-0,157	0,275
CHR7	9357511	CHR7:9357511	SSF x LoA	-9,142	-0,065	0,279
CHR7	9357571	CHR7:9357571	SSF x LoA	-6,724	-0,119	0,281
CHR7	9362651	CHR7:9362651	SSF x LoA	-8,933	0,076	0,282
CHR7	9362697	CHR7:9362697	SSF x LoA	-11,613	0,078	0,274
CHR7	9383977	CHR7:9383977	SSF x LoA	-9,869	0,051	0,298
CHR7	9401298	CHR7:9401298	SSF x LoA	-11,738	0,033	0,291
CHR7	9403361	CHR7:9403361	SSF x LoA	-7,202	0,064	0,283
CHR7	9403383	CHR7:9403383	SSF x LoA	-8,116	0,059	0,300
CHR7	9410983	CHR7:9410983	SSF x LoA	-7,351	0,056	0,288
CHR7	9418250	CHR7:9418250	SSF x LoA	-9,908	-0,032	0,285
CHR7	9442107	CHR7:9442107	SSF x LoA	-8,121	0,087	0,294
CHR7	9442175	CHR7:9442175	SSF x LoA	-7,779	-0,115	0,283
CHR7	9442281	CHR7:9442281	SSF x LoA	-7,889	0,121	0,266
CHR7	9442285	CHR7:9442285	SSF x LoA	-9,100	-0,055	0,299
CHR7	9451794	CHR7:9451794	SSF x LoA	-11,601	-0,042	0,280
CHR7	9451872	CHR7:9451872	SSF x LoA	-5,834	0,177	0,275
CHR7	9468837	CHR7:9468837	SSF x LoA	-6,241	0,084	0,301
CHR7	9480762	CHR7:9480762	SSF x LoA	-10,481	0,052	0,288
CHR7	9480840	CHR7:9480840	SSF x LoA	-8,186	0,081	0,293
CHR7	9485983	CHR7:9485983	SSF x LoA	9,945	-0,024	0,298
CHR7	9486027	CHR7:9486027	SSF x LoA	-8,853	0,104	0,290
CHR7	9486035	CHR7:9486035	SSF x LoA	-9,274	0,119	0,282
CHR7	9488411	CHR7:9488411	SSF x LoA	-4,226	0,118	0,291
CHR7	9563692	CHR7:9563692	SSF x LoA	-10,883	0,005	0,286
CHR7	9653849	CHR7:9653849	SSF x LoA	-6,244	-0,145	0,286
CHR7	9653883	CHR7:9653883	SSF x LoA	-8,513	-0,166	0,295
CHR7	9653944	CHR7:9653944	SSF x LoA	-6,255	-0,139	0,285
CHR7	9653945	CHR7:9653945	SSF x LoA	-9,814	-0,113	0,279
CHR7	9653995	CHR7:9653995	SSF x LoA	-5,042	-0,139	0,288
CHR7	9654117	CHR7:9654117	SSF x LoA	-8,026	0,006	0,293
CHR7	9654139	CHR7:9654139	SSF x LoA	-10,159	-0,079	0,298
CHR7	9720891	CHR7:9720891	SSF x LoA	-7,071	-0,073	0,290
CHR7	9721086	CHR7:9721086	SSF x LoA	-7,901	0,135	0,292
CHR7	9743470	CHR7:9743470	SSF x LoA	-10,681	-0,130	0,266
CHR7	9747299	CHR7:9747299	SSF x LoA	-8,765	-0,036	0,281
CHR7	98456	CHR7:98456	SSF x LoA	-8,883	-0,149	0,267
CHR7	98474	CHR7:98474	SSF x LoA	-8,651	-0,091	0,284
CHR7	98522	CHR7:98522	SSF x LoA	-10,293	-0,056	0,295
CHR8	1E+07	CHR8:10040923	SSF x LoA	-10,387	0,076	0,277
CHR8	1E+07	CHR8:10072364	SSF x LoA	-9,111	0,042	0,287
CHR8	1E+07	CHR8:10089297	SSF x LoA	-10,456	-0,076	0,285
CHR8	1E+07	CHR8:10089426	SSF x LoA	-8,633	0,072	0,297
CHR8	1E+07	CHR8:10091415	SSF x LoA	-2,235	-0,117	0,282
CHR8	1E+07	CHR8:10094068	SSF x LoA	-11,008	0,091	0,274
CHR8	1E+07	CHR8:10094104	SSF x LoA	-9,085	-0,051	0,289
CHR8	1E+07	CHR8:10094179	SSF x LoA	-8,870	-0,037	0,292
CHR8	1E+07	CHR8:10116133	SSF x LoA	-10,281	-0,017	0,293

CHR8	1E+07	CHR8:10116142	SSF x LoA	-9,528	-0,031	0,283
CHR8	1E+07	CHR8:10116490	SSF x LoA	-8,162	-0,008	0,307
CHR8	1E+07	CHR8:10119633	SSF x LoA	-5,576	0,082	0,282
CHR8	1E+07	CHR8:10119762	SSF x LoA	-4,987	0,078	0,292
CHR8	1E+07	CHR8:10123386	SSF x LoA	-9,098	0,012	0,316
CHR8	1E+07	CHR8:10123387	SSF x LoA	-10,675	0,068	0,272
CHR8	1E+07	CHR8:10123504	SSF x LoA	-10,007	-0,046	0,295
CHR8	1E+07	CHR8:10123564	SSF x LoA	-8,556	-0,017	0,287
CHR8	1E+07	CHR8:10124975	SSF x LoA	-10,169	-0,015	0,279
CHR8	1E+07	CHR8:10125052	SSF x LoA	-8,059	-0,054	0,290
CHR8	1E+07	CHR8:10125105	SSF x LoA	-10,250	-0,008	0,291
CHR8	1013323	CHR8:1013323	SSF x LoA	-9,141	-0,042	0,298
CHR8	1013344	CHR8:1013344	SSF x LoA	-9,177	0,023	0,290
CHR8	1013601	CHR8:1013601	SSF x LoA	-6,768	-0,048	0,304
CHR8	1013603	CHR8:1013603	SSF x LoA	3,821	0,046	0,290
CHR8	1013670	CHR8:1013670	SSF x LoA	-10,630	-0,060	0,282
CHR8	1013690	CHR8:1013690	SSF x LoA	-10,178	-0,074	0,293
CHR8	1E+07	CHR8:10143251	SSF x LoA	-10,185	-0,038	0,283
CHR8	1E+07	CHR8:10143296	SSF x LoA	-9,522	-0,074	0,296
CHR8	1E+07	CHR8:10160212	SSF x LoA	-7,081	-0,170	0,284
CHR8	1E+07	CHR8:10162643	SSF x LoA	-10,554	-0,005	0,284
CHR8	1E+07	CHR8:10162708	SSF x LoA	1,189	0,002	0,291
CHR8	1E+07	CHR8:10162844	SSF x LoA	-7,704	0,028	0,288
CHR8	1E+07	CHR8:10165746	SSF x LoA	-11,262	-0,087	0,270
CHR8	1E+07	CHR8:10165782	SSF x LoA	-11,474	-0,021	0,276
CHR8	1E+07	CHR8:10165792	SSF x LoA	-8,784	-0,096	0,292
CHR8	1E+07	CHR8:10194077	SSF x LoA	-10,332	0,073	0,288
CHR8	1E+07	CHR8:10194280	SSF x LoA	-8,974	-0,011	0,281
CHR8	1E+07	CHR8:10194389	SSF x LoA	-8,109	-0,011	0,293
CHR8	1E+07	CHR8:10197980	SSF x LoA	-10,124	0,034	0,275
CHR8	1E+07	CHR8:10198002	SSF x LoA	-8,774	0,061	0,290
CHR8	1E+07	CHR8:10205589	SSF x LoA	-8,879	0,083	0,288
CHR8	1E+07	CHR8:10205628	SSF x LoA	-10,458	-0,080	0,289
CHR8	1E+07	CHR8:10234471	SSF x LoA	-9,923	-0,006	0,291
CHR8	1E+07	CHR8:10234524	SSF x LoA	-9,359	-0,136	0,285
CHR8	1E+07	CHR8:10234563	SSF x LoA	-8,265	0,062	0,289
CHR8	1E+07	CHR8:10243131	SSF x LoA	-10,324	-0,046	0,300
CHR8	1E+07	CHR8:10271209	SSF x LoA	-9,154	0,061	0,292
CHR8	1E+07	CHR8:10271316	SSF x LoA	-2,759	-0,149	0,289
CHR8	1E+07	CHR8:10274804	SSF x LoA	-3,084	0,029	0,288
CHR8	1E+07	CHR8:10274812	SSF x LoA	-7,189	0,102	0,309
CHR8	1E+07	CHR8:10274823	SSF x LoA	-6,703	-0,140	0,289
CHR8	1E+07	CHR8:10350134	SSF x LoA	-10,014	-0,096	0,286
CHR8	1E+07	CHR8:10353499	SSF x LoA	-8,578	-0,025	0,277
CHR8	1E+07	CHR8:10353510	SSF x LoA	-10,797	-0,057	0,296
CHR8	1E+07	CHR8:10363640	SSF x LoA	-8,092	0,046	0,298
CHR8	1E+07	CHR8:10364027	SSF x LoA	-6,333	0,167	0,282
CHR8	1E+07	CHR8:10412035	SSF x LoA	-11,152	0,031	0,303
CHR8	1E+07	CHR8:10412151	SSF x LoA	-10,842	0,056	0,297
CHR8	1041563	CHR8:1041563	SSF x LoA	-11,089	0,068	0,284
CHR8	1041599	CHR8:1041599	SSF x LoA	-10,645	-0,022	0,285
CHR8	1E+07	CHR8:10439569	SSF x LoA	-11,093	-0,044	0,279
CHR8	1E+07	CHR8:10439599	SSF x LoA	-6,210	0,047	0,281

CHR8	1E+07	CHR8:10443548	SSF x LoA	-8,755	0,080	0,288
CHR8	1E+07	CHR8:10443687	SSF x LoA	-8,455	-0,105	0,271
CHR8	10501703	CHR8:10501703	SSF x LoA	-10,309	-0,043	0,302
CHR8	10521697	CHR8:10521697	SSF x LoA	-8,676	0,103	0,290
CHR8	10527399	CHR8:10527399	SSF x LoA	-8,724	0,021	0,289
CHR8	10527681	CHR8:10527681	SSF x LoA	-10,842	0,042	0,296
CHR8	10527696	CHR8:10527696	SSF x LoA	-9,331	-0,059	0,298
CHR8	10534830	CHR8:10534830	SSF x LoA	-8,490	0,015	0,281
CHR8	10534835	CHR8:10534835	SSF x LoA	-9,381	0,051	0,284
CHR8	10544561	CHR8:10544561	SSF x LoA	-9,194	-0,067	0,277
CHR8	10547201	CHR8:10547201	SSF x LoA	-10,471	-0,058	0,292
CHR8	1055224	CHR8:1055224	SSF x LoA	-8,440	-0,044	0,287
CHR8	1055293	CHR8:1055293	SSF x LoA	-8,573	0,066	0,296
CHR8	1055378	CHR8:1055378	SSF x LoA	-10,617	-0,013	0,285
CHR8	10563100	CHR8:10563100	SSF x LoA	-8,895	-0,079	0,294
CHR8	10563164	CHR8:10563164	SSF x LoA	-10,548	-0,059	0,285
CHR8	10563166	CHR8:10563166	SSF x LoA	-7,786	0,013	0,278
CHR8	10566547	CHR8:10566547	SSF x LoA	-3,892	-0,210	0,274
CHR8	10579390	CHR8:10579390	SSF x LoA	-7,520	0,011	0,285
CHR8	10579471	CHR8:10579471	SSF x LoA	-7,046	0,146	0,276
CHR8	10580166	CHR8:10580166	SSF x LoA	-7,519	0,128	0,286
CHR8	10580342	CHR8:10580342	SSF x LoA	-10,594	-0,063	0,285
CHR8	10581177	CHR8:10581177	SSF x LoA	-7,295	-0,007	0,284
CHR8	10581276	CHR8:10581276	SSF x LoA	-8,472	0,023	0,271
CHR8	10581308	CHR8:10581308	SSF x LoA	-7,134	-0,156	0,281
CHR8	10581313	CHR8:10581313	SSF x LoA	-7,285	0,023	0,280
CHR8	10581388	CHR8:10581388	SSF x LoA	-9,617	0,015	0,294
CHR8	10584565	CHR8:10584565	SSF x LoA	-8,763	-0,036	0,305
CHR8	10584738	CHR8:10584738	SSF x LoA	-7,533	-0,098	0,299
CHR8	10584820	CHR8:10584820	SSF x LoA	-8,508	-0,017	0,280
CHR8	10589582	CHR8:10589582	SSF x LoA	-9,013	-0,120	0,282
CHR8	10623439	CHR8:10623439	SSF x LoA	-9,765	-0,087	0,293
CHR8	10638899	CHR8:10638899	SSF x LoA	-4,934	0,100	0,281
CHR8	10638926	CHR8:10638926	SSF x LoA	-9,957	0,076	0,288
CHR8	10650778	CHR8:10650778	SSF x LoA	-6,303	0,062	0,296
CHR8	10653140	CHR8:10653140	SSF x LoA	-10,237	-0,010	0,307
CHR8	10653146	CHR8:10653146	SSF x LoA	-9,642	-0,069	0,295
CHR8	10653199	CHR8:10653199	SSF x LoA	-8,687	-0,054	0,285
CHR8	10653270	CHR8:10653270	SSF x LoA	-10,491	0,044	0,285
CHR8	1066313	CHR8:1066313	SSF x LoA	-7,630	0,078	0,298
CHR8	1066512	CHR8:1066512	SSF x LoA	-9,432	0,026	0,298
CHR8	1066522	CHR8:1066522	SSF x LoA	-10,796	0,011	0,287
CHR8	1066644	CHR8:1066644	SSF x LoA	-10,096	-0,002	0,295
CHR8	10682446	CHR8:10682446	SSF x LoA	-7,914	0,123	0,281
CHR8	10682509	CHR8:10682509	SSF x LoA	-9,322	-0,006	0,280
CHR8	10700021	CHR8:10700021	SSF x LoA	-8,365	0,036	0,289
CHR8	10704206	CHR8:10704206	SSF x LoA	-10,823	-0,016	0,296
CHR8	10704209	CHR8:10704209	SSF x LoA	-6,795	-0,038	0,281
CHR8	10704516	CHR8:10704516	SSF x LoA	-4,813	-0,102	0,278
CHR8	10711045	CHR8:10711045	SSF x LoA	-7,985	0,118	0,279
CHR8	10711060	CHR8:10711060	SSF x LoA	-9,187	-0,073	0,296
CHR8	10719142	CHR8:10719142	SSF x LoA	-10,973	-0,075	0,292
CHR8	10721844	CHR8:10721844	SSF x LoA	-11,499	0,020	0,282

CHR8	10728034	CHR8:10728034	SSF x LoA	-8,109	-0,057	0,292
CHR8	10728058	CHR8:10728058	SSF x LoA	-10,659	-0,044	0,275
CHR8	10728390	CHR8:10728390	SSF x LoA	-9,497	-0,091	0,293
CHR8	1078057	CHR8:1078057	SSF x LoA	-9,298	-0,011	0,280
CHR8	1078218	CHR8:1078218	SSF x LoA	-8,640	-0,061	0,299
CHR8	10785968	CHR8:10785968	SSF x LoA	-5,201	-0,200	0,290
CHR8	10786095	CHR8:10786095	SSF x LoA	0,144	-0,165	0,282
CHR8	10802962	CHR8:10802962	SSF x LoA	-11,062	0,062	0,285
CHR8	10802963	CHR8:10802963	SSF x LoA	-9,847	0,106	0,278
CHR8	10803089	CHR8:10803089	SSF x LoA	-8,030	0,038	0,293
CHR8	10809560	CHR8:10809560	SSF x LoA	-9,939	0,030	0,290
CHR8	10811509	CHR8:10811509	SSF x LoA	-9,576	0,085	0,283
CHR8	10815144	CHR8:10815144	SSF x LoA	-8,007	0,091	0,279
CHR8	10816263	CHR8:10816263	SSF x LoA	-4,540	-0,001	0,298
CHR8	10827161	CHR8:10827161	SSF x LoA	-10,060	0,010	0,276
CHR8	10893220	CHR8:10893220	SSF x LoA	-8,596	0,051	0,287
CHR8	10908320	CHR8:10908320	SSF x LoA	-8,661	-0,044	0,286
CHR8	10999114	CHR8:10999114	SSF x LoA	-8,702	-0,106	0,299
CHR8	11016310	CHR8:11016310	SSF x LoA	-11,817	-0,023	0,281
CHR8	11017300	CHR8:11017300	SSF x LoA	-9,887	0,003	0,292
CHR8	11017418	CHR8:11017418	SSF x LoA	-3,286	0,146	0,287
CHR8	11025620	CHR8:11025620	SSF x LoA	-9,150	0,036	0,292
CHR8	11054816	CHR8:11054816	SSF x LoA	-7,010	-0,163	0,284
CHR8	11054999	CHR8:11054999	SSF x LoA	-6,427	-0,046	0,273
CHR8	11064612	CHR8:11064612	SSF x LoA	-6,152	0,114	0,281
CHR8	11064687	CHR8:11064687	SSF x LoA	-8,960	0,026	0,277
CHR8	11098866	CHR8:11098866	SSF x LoA	-4,644	-0,142	0,295
CHR8	11145029	CHR8:11145029	SSF x LoA	-4,208	-0,246	0,276
CHR8	1129076	CHR8:1129076	SSF x LoA	-7,939	-0,027	0,292
CHR8	1129078	CHR8:1129078	SSF x LoA	-6,464	-0,007	0,292
CHR8	1129091	CHR8:1129091	SSF x LoA	-9,019	-0,016	0,282
CHR8	1129290	CHR8:1129290	SSF x LoA	-7,429	-0,127	0,297
CHR8	1129416	CHR8:1129416	SSF x LoA	-6,046	-0,152	0,277
CHR8	1141279	CHR8:1141279	SSF x LoA	-7,766	0,094	0,287
CHR8	1141354	CHR8:1141354	SSF x LoA	-4,927	-0,221	0,264
CHR8	11497509	CHR8:11497509	SSF x LoA	-11,596	0,054	0,286
CHR8	11505061	CHR8:11505061	SSF x LoA	-7,059	-0,105	0,302
CHR8	11520450	CHR8:11520450	SSF x LoA	-8,184	-0,119	0,282
CHR8	11528736	CHR8:11528736	SSF x LoA	-7,315	0,141	0,297
CHR8	11541763	CHR8:11541763	SSF x LoA	-7,083	-0,158	0,273
CHR8	11560841	CHR8:11560841	SSF x LoA	-11,407	0,021	0,291
CHR8	11573177	CHR8:11573177	SSF x LoA	-9,438	0,093	0,278
CHR8	11602818	CHR8:11602818	SSF x LoA	-7,425	0,130	0,282
CHR8	1162419	CHR8:1162419	SSF x LoA	-8,480	0,029	0,287
CHR8	1162483	CHR8:1162483	SSF x LoA	-7,208	-0,107	0,284
CHR8	11653799	CHR8:11653799	SSF x LoA	-8,278	0,023	0,303
CHR8	11656558	CHR8:11656558	SSF x LoA	-8,280	0,003	0,288
CHR8	1178974	CHR8:1178974	SSF x LoA	0,782	0,128	0,271
CHR8	1179110	CHR8:1179110	SSF x LoA	-8,909	-0,133	0,284
CHR8	1179111	CHR8:1179111	SSF x LoA	-8,387	-0,153	0,281
CHR8	1179120	CHR8:1179120	SSF x LoA	-9,740	-0,127	0,285
CHR8	1179121	CHR8:1179121	SSF x LoA	-9,424	-0,118	0,293
CHR8	1179149	CHR8:1179149	SSF x LoA	-9,191	0,021	0,300

CHR8	1179194	CHR8:1179194	SSF x LoA	-7,258	0,014	0,299
CHR8	1186513	CHR8:1186513	SSF x LoA	-8,560	-0,079	0,278
CHR8	1186692	CHR8:1186692	SSF x LoA	-11,029	-0,001	0,292
CHR8	1186726	CHR8:1186726	SSF x LoA	-8,849	-0,044	0,293
CHR8	1224431	CHR8:1224431	SSF x LoA	-8,735	0,023	0,282
CHR8	1224447	CHR8:1224447	SSF x LoA	-5,671	0,080	0,296
CHR8	1237008	CHR8:1237008	SSF x LoA	-7,841	0,072	0,287
CHR8	1257367	CHR8:1257367	SSF x LoA	-3,907	0,110	0,294
CHR8	1257508	CHR8:1257508	SSF x LoA	-9,413	0,028	0,296
CHR8	1266552	CHR8:1266552	SSF x LoA	-3,433	0,183	0,287
CHR8	1266949	CHR8:1266949	SSF x LoA	-9,402	0,034	0,278
CHR8	1276366	CHR8:1276366	SSF x LoA	-10,274	-0,017	0,271
CHR8	1277188	CHR8:1277188	SSF x LoA	-8,773	0,116	0,293
CHR8	1288368	CHR8:1288368	SSF x LoA	-4,319	-0,101	0,306
CHR8	1288581	CHR8:1288581	SSF x LoA	-10,081	0,051	0,296
CHR8	1288626	CHR8:1288626	SSF x LoA	-9,606	-0,064	0,293
CHR8	1288649	CHR8:1288649	SSF x LoA	-7,688	-0,137	0,275
CHR8	1290086	CHR8:1290086	SSF x LoA	-9,434	-0,074	0,289
CHR8	1290093	CHR8:1290093	SSF x LoA	-7,673	0,035	0,307
CHR8	1290162	CHR8:1290162	SSF x LoA	-10,879	0,043	0,288
CHR8	1290169	CHR8:1290169	SSF x LoA	-10,657	0,066	0,287
CHR8	1290193	CHR8:1290193	SSF x LoA	-10,437	0,070	0,295
CHR8	1290336	CHR8:1290336	SSF x LoA	-11,741	-0,020	0,285
CHR8	1290380	CHR8:1290380	SSF x LoA	-8,735	0,077	0,281
CHR8	1290417	CHR8:1290417	SSF x LoA	-7,938	-0,012	0,286
CHR8	1312903	CHR8:1312903	SSF x LoA	-10,126	-0,029	0,294
CHR8	1312985	CHR8:1312985	SSF x LoA	-6,571	0,004	0,299
CHR8	1312987	CHR8:1312987	SSF x LoA	-8,045	0,069	0,295
CHR8	1312994	CHR8:1312994	SSF x LoA	-7,802	0,045	0,295
CHR8	1313075	CHR8:1313075	SSF x LoA	-8,759	-0,084	0,283
CHR8	1313126	CHR8:1313126	SSF x LoA	-10,415	0,055	0,277
CHR8	1318053	CHR8:1318053	SSF x LoA	-3,152	-0,129	0,297
CHR8	1322401	CHR8:1322401	SSF x LoA	-7,670	0,124	0,290
CHR8	1322404	CHR8:1322404	SSF x LoA	-9,579	0,122	0,301
CHR8	1322406	CHR8:1322406	SSF x LoA	-7,805	0,144	0,293
CHR8	1322427	CHR8:1322427	SSF x LoA	-3,909	0,122	0,298
CHR8	1322451	CHR8:1322451	SSF x LoA	-9,499	0,104	0,300
CHR8	1322470	CHR8:1322470	SSF x LoA	-10,311	-0,041	0,288
CHR8	1339719	CHR8:1339719	SSF x LoA	-8,242	0,042	0,297
CHR8	1345955	CHR8:1345955	SSF x LoA	-7,295	0,045	0,289
CHR8	1345987	CHR8:1345987	SSF x LoA	-8,749	0,141	0,290
CHR8	1346024	CHR8:1346024	SSF x LoA	-8,332	0,008	0,297
CHR8	1346030	CHR8:1346030	SSF x LoA	-2,986	0,014	0,264
CHR8	1346070	CHR8:1346070	SSF x LoA	-9,946	-0,050	0,289
CHR8	1346117	CHR8:1346117	SSF x LoA	-10,799	-0,084	0,281
CHR8	1346124	CHR8:1346124	SSF x LoA	-8,375	-0,102	0,289
CHR8	1346166	CHR8:1346166	SSF x LoA	-7,859	0,117	0,289
CHR8	1346190	CHR8:1346190	SSF x LoA	-8,547	-0,049	0,295
CHR8	1348767	CHR8:1348767	SSF x LoA	-10,848	-0,028	0,301
CHR8	1348801	CHR8:1348801	SSF x LoA	-11,261	0,014	0,284
CHR8	1348894	CHR8:1348894	SSF x LoA	-9,101	-0,049	0,278
CHR8	1358130	CHR8:1358130	SSF x LoA	-8,459	-0,061	0,286
CHR8	1358194	CHR8:1358194	SSF x LoA	-4,822	-0,207	0,280

CHR8	1358200	CHR8:1358200	SSF x LoA	-7,544	0,117	0,277
CHR8	1358336	CHR8:1358336	SSF x LoA	-8,484	-0,023	0,292
CHR8	1358338	CHR8:1358338	SSF x LoA	-7,850	-0,022	0,300
CHR8	1358341	CHR8:1358341	SSF x LoA	-11,815	-0,083	0,273
CHR8	1358397	CHR8:1358397	SSF x LoA	-11,948	0,001	0,282
CHR8	1358408	CHR8:1358408	SSF x LoA	-8,211	-0,002	0,295
CHR8	1381070	CHR8:1381070	SSF x LoA	-1,139	-0,247	0,269
CHR8	1381096	CHR8:1381096	SSF x LoA	-5,527	-0,146	0,285
CHR8	1381130	CHR8:1381130	SSF x LoA	-8,115	0,004	0,288
CHR8	1381266	CHR8:1381266	SSF x LoA	-4,686	-0,122	0,291
CHR8	1387379	CHR8:1387379	SSF x LoA	-5,322	0,114	0,286
CHR8	1399054	CHR8:1399054	SSF x LoA	-10,660	0,027	0,295
CHR8	1399068	CHR8:1399068	SSF x LoA	-8,558	0,047	0,291
CHR8	1416968	CHR8:1416968	SSF x LoA	-7,197	-0,092	0,275
CHR8	1417016	CHR8:1417016	SSF x LoA	-6,128	0,204	0,282
CHR8	1417135	CHR8:1417135	SSF x LoA	-6,466	-0,095	0,282
CHR8	1418373	CHR8:1418373	SSF x LoA	-8,192	-0,029	0,291
CHR8	1458377	CHR8:1458377	SSF x LoA	-6,447	0,052	0,289
CHR8	1458631	CHR8:1458631	SSF x LoA	-8,273	-0,174	0,283
CHR8	1458682	CHR8:1458682	SSF x LoA	-7,919	-0,016	0,290
CHR8	1475521	CHR8:1475521	SSF x LoA	-9,228	0,008	0,282
CHR8	1475745	CHR8:1475745	SSF x LoA	-12,160	0,031	0,285
CHR8	1475871	CHR8:1475871	SSF x LoA	-11,083	0,042	0,288
CHR8	1475889	CHR8:1475889	SSF x LoA	-8,284	-0,078	0,283
CHR8	1487815	CHR8:1487815	SSF x LoA	-8,792	0,027	0,295
CHR8	1489754	CHR8:1489754	SSF x LoA	-1,526	-0,098	0,276
CHR8	1489763	CHR8:1489763	SSF x LoA	-8,072	-0,059	0,292
CHR8	1493069	CHR8:1493069	SSF x LoA	-8,240	0,039	0,290
CHR8	1494579	CHR8:1494579	SSF x LoA	-9,272	0,080	0,272
CHR8	1494589	CHR8:1494589	SSF x LoA	-8,737	-0,022	0,275
CHR8	1504961	CHR8:1504961	SSF x LoA	-2,421	-0,074	0,277
CHR8	1506294	CHR8:1506294	SSF x LoA	-6,314	0,036	0,308
CHR8	1518324	CHR8:1518324	SSF x LoA	-8,654	0,010	0,284
CHR8	1518357	CHR8:1518357	SSF x LoA	-9,821	0,138	0,287
CHR8	1518368	CHR8:1518368	SSF x LoA	-9,601	-0,026	0,282
CHR8	1518384	CHR8:1518384	SSF x LoA	-6,572	-0,004	0,297
CHR8	1518443	CHR8:1518443	SSF x LoA	-9,593	-0,128	0,265
CHR8	1518537	CHR8:1518537	SSF x LoA	-9,987	0,015	0,294
CHR8	1518558	CHR8:1518558	SSF x LoA	-11,780	-0,013	0,284
CHR8	1518570	CHR8:1518570	SSF x LoA	-11,110	0,017	0,293
CHR8	1518608	CHR8:1518608	SSF x LoA	-9,236	-0,125	0,277
CHR8	1539860	CHR8:1539860	SSF x LoA	-8,560	-0,044	0,282
CHR8	1540084	CHR8:1540084	SSF x LoA	-7,967	0,119	0,297
CHR8	1556736	CHR8:1556736	SSF x LoA	-10,646	0,000	0,294
CHR8	1556746	CHR8:1556746	SSF x LoA	-9,273	-0,100	0,286
CHR8	1556750	CHR8:1556750	SSF x LoA	-8,410	0,008	0,295
CHR8	1556772	CHR8:1556772	SSF x LoA	-10,685	-0,006	0,305
CHR8	1561800	CHR8:1561800	SSF x LoA	-8,650	-0,098	0,297
CHR8	1561901	CHR8:1561901	SSF x LoA	-10,215	0,100	0,285
CHR8	1561927	CHR8:1561927	SSF x LoA	-10,112	0,058	0,285
CHR8	1563060	CHR8:1563060	SSF x LoA	-5,895	-0,101	0,291
CHR8	1563171	CHR8:1563171	SSF x LoA	-7,408	0,103	0,288
CHR8	1567165	CHR8:1567165	SSF x LoA	-6,788	0,133	0,282

CHR8	1579265	CHR8:1579265	SSF x LoA	-4,530	-0,097	0,291
CHR8	1579610	CHR8:1579610	SSF x LoA	-8,602	-0,013	0,310
CHR8	1590555	CHR8:1590555	SSF x LoA	-6,314	0,039	0,286
CHR8	1590790	CHR8:1590790	SSF x LoA	-9,989	0,058	0,287
CHR8	1590911	CHR8:1590911	SSF x LoA	-9,980	0,054	0,288
CHR8	1604600	CHR8:1604600	SSF x LoA	-8,136	0,070	0,298
CHR8	1604620	CHR8:1604620	SSF x LoA	-9,646	0,093	0,289
CHR8	1622452	CHR8:1622452	SSF x LoA	-10,285	-0,110	0,298
CHR8	1622456	CHR8:1622456	SSF x LoA	-5,140	0,115	0,299
CHR8	1692671	CHR8:1692671	SSF x LoA	-7,599	-0,007	0,297
CHR8	1693029	CHR8:1693029	SSF x LoA	-8,572	0,058	0,299
CHR8	1700918	CHR8:1700918	SSF x LoA	-6,975	0,163	0,285
CHR8	1701003	CHR8:1701003	SSF x LoA	6,296	0,176	0,265
CHR8	1703177	CHR8:1703177	SSF x LoA	-5,361	-0,101	0,286
CHR8	1705221	CHR8:1705221	SSF x LoA	-7,797	-0,110	0,291
CHR8	1705231	CHR8:1705231	SSF x LoA	-8,943	-0,015	0,290
CHR8	1741400	CHR8:1741400	SSF x LoA	-7,745	-0,102	0,296
CHR8	1741452	CHR8:1741452	SSF x LoA	-7,967	0,052	0,293
CHR8	1741464	CHR8:1741464	SSF x LoA	-10,724	0,012	0,296
CHR8	1741470	CHR8:1741470	SSF x LoA	-7,988	0,009	0,307
CHR8	1741480	CHR8:1741480	SSF x LoA	-5,422	-0,129	0,290
CHR8	1741537	CHR8:1741537	SSF x LoA	-10,712	-0,019	0,293
CHR8	1741566	CHR8:1741566	SSF x LoA	-10,849	0,020	0,295
CHR8	1748210	CHR8:1748210	SSF x LoA	-7,962	0,065	0,283
CHR8	1766640	CHR8:1766640	SSF x LoA	-9,905	0,029	0,289
CHR8	1771601	CHR8:1771601	SSF x LoA	-8,321	-0,051	0,286
CHR8	1796516	CHR8:1796516	SSF x LoA	-10,289	-0,039	0,279
CHR8	1796605	CHR8:1796605	SSF x LoA	-8,038	-0,003	0,296
CHR8	1796608	CHR8:1796608	SSF x LoA	4,508	0,048	0,300
CHR8	1796706	CHR8:1796706	SSF x LoA	-9,393	-0,015	0,283
CHR8	1796798	CHR8:1796798	SSF x LoA	-10,232	-0,002	0,287
CHR8	1805730	CHR8:1805730	SSF x LoA	-9,373	0,005	0,278
CHR8	1811235	CHR8:1811235	SSF x LoA	-9,366	0,032	0,302
CHR8	1815275	CHR8:1815275	SSF x LoA	-7,944	-0,129	0,262
CHR8	1852096	CHR8:1852096	SSF x LoA	-8,591	-0,055	0,277
CHR8	1873721	CHR8:1873721	SSF x LoA	-11,646	-0,001	0,280
CHR8	1875642	CHR8:1875642	SSF x LoA	-10,826	0,045	0,289
CHR8	1875824	CHR8:1875824	SSF x LoA	-4,657	0,097	0,277
CHR8	1875830	CHR8:1875830	SSF x LoA	-4,751	-0,078	0,311
CHR8	1875835	CHR8:1875835	SSF x LoA	-7,911	0,091	0,284
CHR8	1885137	CHR8:1885137	SSF x LoA	-8,352	0,040	0,256
CHR8	1885148	CHR8:1885148	SSF x LoA	-7,845	-0,034	0,277
CHR8	1893706	CHR8:1893706	SSF x LoA	-8,270	0,008	0,294
CHR8	1893813	CHR8:1893813	SSF x LoA	-5,364	-0,168	0,284
CHR8	1893883	CHR8:1893883	SSF x LoA	-7,069	0,146	0,293
CHR8	1899329	CHR8:1899329	SSF x LoA	-8,158	0,036	0,295
CHR8	1916035	CHR8:1916035	SSF x LoA	-11,612	0,050	0,282
CHR8	1917536	CHR8:1917536	SSF x LoA	-5,139	-0,137	0,298
CHR8	1917543	CHR8:1917543	SSF x LoA	-9,930	0,131	0,285
CHR8	1918878	CHR8:1918878	SSF x LoA	-7,830	-0,050	0,302
CHR8	1918923	CHR8:1918923	SSF x LoA	-7,410	0,080	0,293
CHR8	1918950	CHR8:1918950	SSF x LoA	-10,261	0,033	0,310
CHR8	1919019	CHR8:1919019	SSF x LoA	-6,896	0,105	0,295

CHR8	1919083	CHR8:1919083	SSF x LoA	-7,216	-0,044	0,288
CHR8	1922168	CHR8:1922168	SSF x LoA	-3,868	0,041	0,282
CHR8	1922169	CHR8:1922169	SSF x LoA	-9,033	-0,020	0,278
CHR8	1922174	CHR8:1922174	SSF x LoA	-9,254	-0,020	0,281
CHR8	1922191	CHR8:1922191	SSF x LoA	-9,246	-0,042	0,275
CHR8	1922207	CHR8:1922207	SSF x LoA	-8,029	0,019	0,278
CHR8	1922221	CHR8:1922221	SSF x LoA	-8,722	0,003	0,287
CHR8	1922546	CHR8:1922546	SSF x LoA	-9,042	0,145	0,275
CHR8	1932844	CHR8:1932844	SSF x LoA	-8,276	-0,076	0,284
CHR8	1948673	CHR8:1948673	SSF x LoA	-4,791	0,062	0,300
CHR8	1962948	CHR8:1962948	SSF x LoA	-10,180	-0,064	0,291
CHR8	1970936	CHR8:1970936	SSF x LoA	-9,086	0,040	0,286
CHR8	1970980	CHR8:1970980	SSF x LoA	-7,871	-0,059	0,290
CHR8	1972482	CHR8:1972482	SSF x LoA	-10,376	0,039	0,297
CHR8	1972485	CHR8:1972485	SSF x LoA	-9,129	-0,120	0,267
CHR8	2025242	CHR8:2025242	SSF x LoA	-6,406	0,030	0,296
CHR8	2025506	CHR8:2025506	SSF x LoA	-2,332	0,019	0,282
CHR8	2025519	CHR8:2025519	SSF x LoA	-1,987	0,234	0,289
CHR8	2037381	CHR8:2037381	SSF x LoA	-9,518	0,028	0,275
CHR8	2037389	CHR8:2037389	SSF x LoA	-10,464	0,065	0,291
CHR8	2045552	CHR8:2045552	SSF x LoA	-6,023	-0,008	0,303
CHR8	2045747	CHR8:2045747	SSF x LoA	-8,681	-0,010	0,292
CHR8	2047424	CHR8:2047424	SSF x LoA	-4,773	0,077	0,279
CHR8	2047548	CHR8:2047548	SSF x LoA	-9,466	0,111	0,300
CHR8	2089506	CHR8:2089506	SSF x LoA	-6,131	0,137	0,281
CHR8	2089638	CHR8:2089638	SSF x LoA	-11,443	0,002	0,298
CHR8	2089641	CHR8:2089641	SSF x LoA	-8,327	-0,003	0,296
CHR8	2095677	CHR8:2095677	SSF x LoA	-9,649	-0,142	0,271
CHR8	2095683	CHR8:2095683	SSF x LoA	-9,690	0,079	0,306
CHR8	2095734	CHR8:2095734	SSF x LoA	-10,482	0,062	0,286
CHR8	2095783	CHR8:2095783	SSF x LoA	-10,951	0,005	0,293
CHR8	2095850	CHR8:2095850	SSF x LoA	-8,202	-0,084	0,290
CHR8	2095851	CHR8:2095851	SSF x LoA	-8,693	0,048	0,289
CHR8	2112487	CHR8:2112487	SSF x LoA	-9,347	0,086	0,298
CHR8	2119129	CHR8:2119129	SSF x LoA	-9,105	-0,038	0,297
CHR8	2127526	CHR8:2127526	SSF x LoA	-10,861	-0,016	0,293
CHR8	2127588	CHR8:2127588	SSF x LoA	-5,540	0,138	0,286
CHR8	212759	CHR8:212759	SSF x LoA	-7,515	-0,035	0,308
CHR8	2127612	CHR8:2127612	SSF x LoA	-4,191	-0,075	0,292
CHR8	2127780	CHR8:2127780	SSF x LoA	-6,952	-0,061	0,297
CHR8	2133605	CHR8:2133605	SSF x LoA	-8,473	-0,136	0,279
CHR8	2140603	CHR8:2140603	SSF x LoA	-8,126	0,068	0,269
CHR8	2148101	CHR8:2148101	SSF x LoA	-9,369	0,134	0,291
CHR8	2148211	CHR8:2148211	SSF x LoA	-11,509	0,023	0,289
CHR8	2148214	CHR8:2148214	SSF x LoA	-10,609	0,022	0,301
CHR8	2152339	CHR8:2152339	SSF x LoA	-10,791	0,073	0,301
CHR8	2158737	CHR8:2158737	SSF x LoA	-10,844	0,088	0,282
CHR8	2158856	CHR8:2158856	SSF x LoA	-9,553	0,021	0,286
CHR8	2158858	CHR8:2158858	SSF x LoA	-8,835	0,136	0,295
CHR8	2158929	CHR8:2158929	SSF x LoA	0,497	0,030	0,318
CHR8	2158933	CHR8:2158933	SSF x LoA	-9,243	0,041	0,299
CHR8	2177738	CHR8:2177738	SSF x LoA	-9,050	0,018	0,292
CHR8	2177940	CHR8:2177940	SSF x LoA	-4,450	0,030	0,290

CHR8	2184877	CHR8:2184877	SSF x LoA	-10,077	0,066	0,292
CHR8	2184903	CHR8:2184903	SSF x LoA	-1,144	-0,038	0,303
CHR8	2227632	CHR8:2227632	SSF x LoA	-10,255	-0,012	0,289
CHR8	2227748	CHR8:2227748	SSF x LoA	-8,823	0,020	0,298
CHR8	2227789	CHR8:2227789	SSF x LoA	6,346	0,094	0,292
CHR8	2227872	CHR8:2227872	SSF x LoA	-4,437	-0,199	0,288
CHR8	2233897	CHR8:2233897	SSF x LoA	-8,220	-0,054	0,288
CHR8	2234069	CHR8:2234069	SSF x LoA	-9,464	0,028	0,289
CHR8	2234194	CHR8:2234194	SSF x LoA	-9,617	-0,079	0,286
CHR8	2234211	CHR8:2234211	SSF x LoA	-9,632	-0,066	0,276
CHR8	2234215	CHR8:2234215	SSF x LoA	-6,049	0,116	0,284
CHR8	2250474	CHR8:2250474	SSF x LoA	-5,461	-0,126	0,286
CHR8	2250491	CHR8:2250491	SSF x LoA	0,005	-0,183	0,269
CHR8	2250522	CHR8:2250522	SSF x LoA	-5,272	-0,180	0,279
CHR8	2250526	CHR8:2250526	SSF x LoA	-4,726	-0,205	0,266
CHR8	2251735	CHR8:2251735	SSF x LoA	-7,080	-0,142	0,289
CHR8	2251975	CHR8:2251975	SSF x LoA	-7,758	0,154	0,287
CHR8	2251986	CHR8:2251986	SSF x LoA	-8,602	0,133	0,282
CHR8	2267799	CHR8:2267799	SSF x LoA	-9,878	-0,138	0,285
CHR8	2285203	CHR8:2285203	SSF x LoA	-6,894	0,047	0,288
CHR8	2314516	CHR8:2314516	SSF x LoA	-9,574	0,049	0,289
CHR8	2314631	CHR8:2314631	SSF x LoA	-7,035	-0,094	0,306
CHR8	2314714	CHR8:2314714	SSF x LoA	-8,462	-0,034	0,289
CHR8	2315142	CHR8:2315142	SSF x LoA	-5,588	0,067	0,297
CHR8	2315152	CHR8:2315152	SSF x LoA	-7,583	0,113	0,295
CHR8	2315181	CHR8:2315181	SSF x LoA	-7,073	0,114	0,296
CHR8	2315298	CHR8:2315298	SSF x LoA	-9,277	-0,115	0,278
CHR8	2315314	CHR8:2315314	SSF x LoA	-8,711	0,035	0,276
CHR8	2315331	CHR8:2315331	SSF x LoA	-5,610	-0,088	0,290
CHR8	2315339	CHR8:2315339	SSF x LoA	-8,401	0,012	0,305
CHR8	2323449	CHR8:2323449	SSF x LoA	-11,393	-0,025	0,287
CHR8	2324778	CHR8:2324778	SSF x LoA	-7,031	0,169	0,281
CHR8	2332284	CHR8:2332284	SSF x LoA	-7,670	0,009	0,301
CHR8	2332473	CHR8:2332473	SSF x LoA	-10,019	0,005	0,283
CHR8	2338520	CHR8:2338520	SSF x LoA	-11,249	0,000	0,277
CHR8	2343991	CHR8:2343991	SSF x LoA	-7,783	0,152	0,279
CHR8	2344216	CHR8:2344216	SSF x LoA	-9,282	0,003	0,295
CHR8	2344284	CHR8:2344284	SSF x LoA	-7,184	-0,068	0,299
CHR8	2348959	CHR8:2348959	SSF x LoA	-9,746	-0,073	0,288
CHR8	2349097	CHR8:2349097	SSF x LoA	-10,298	-0,094	0,283
CHR8	2351435	CHR8:2351435	SSF x LoA	-10,638	-0,042	0,290
CHR8	2361439	CHR8:2361439	SSF x LoA	-9,171	0,063	0,288
CHR8	2376803	CHR8:2376803	SSF x LoA	-7,824	0,034	0,303
CHR8	2385895	CHR8:2385895	SSF x LoA	-8,409	-0,088	0,293
CHR8	2389567	CHR8:2389567	SSF x LoA	-10,143	-0,030	0,282
CHR8	2389736	CHR8:2389736	SSF x LoA	-7,778	0,120	0,278
CHR8	2421599	CHR8:2421599	SSF x LoA	-9,695	-0,125	0,277
CHR8	2425263	CHR8:2425263	SSF x LoA	-9,151	-0,002	0,286
CHR8	2425461	CHR8:2425461	SSF x LoA	-8,786	-0,023	0,290
CHR8	2425479	CHR8:2425479	SSF x LoA	-9,265	0,127	0,262
CHR8	2429412	CHR8:2429412	SSF x LoA	-7,713	0,026	0,283
CHR8	2429431	CHR8:2429431	SSF x LoA	-8,515	0,025	0,303
CHR8	2429512	CHR8:2429512	SSF x LoA	-7,064	-0,124	0,304

CHR8	2430181	CHR8:2430181	SSF x LoA	-8,576	-0,146	0,280
CHR8	2430187	CHR8:2430187	SSF x LoA	-8,036	-0,057	0,285
CHR8	2430189	CHR8:2430189	SSF x LoA	-8,295	-0,024	0,289
CHR8	2437280	CHR8:2437280	SSF x LoA	-8,227	0,024	0,294
CHR8	2437305	CHR8:2437305	SSF x LoA	-9,228	-0,055	0,292
CHR8	2437317	CHR8:2437317	SSF x LoA	-5,761	-0,140	0,285
CHR8	2437341	CHR8:2437341	SSF x LoA	-7,587	-0,078	0,287
CHR8	2437377	CHR8:2437377	SSF x LoA	-6,999	0,159	0,277
CHR8	2437430	CHR8:2437430	SSF x LoA	-9,648	0,055	0,284
CHR8	2437511	CHR8:2437511	SSF x LoA	-9,599	0,003	0,292
CHR8	2437561	CHR8:2437561	SSF x LoA	-8,407	0,084	0,294
CHR8	2437632	CHR8:2437632	SSF x LoA	-10,276	0,008	0,290
CHR8	244629	CHR8:244629	SSF x LoA	-7,396	-0,084	0,295
CHR8	2458056	CHR8:2458056	SSF x LoA	-6,576	0,054	0,302
CHR8	2458063	CHR8:2458063	SSF x LoA	-6,020	0,061	0,281
CHR8	2458161	CHR8:2458161	SSF x LoA	-9,766	0,023	0,294
CHR8	2458308	CHR8:2458308	SSF x LoA	-8,537	-0,014	0,284
CHR8	2461366	CHR8:2461366	SSF x LoA	-10,052	0,019	0,297
CHR8	2461384	CHR8:2461384	SSF x LoA	-7,106	-0,050	0,306
CHR8	2462601	CHR8:2462601	SSF x LoA	-5,525	-0,178	0,270
CHR8	2462682	CHR8:2462682	SSF x LoA	-2,283	-0,232	0,266
CHR8	2471430	CHR8:2471430	SSF x LoA	-7,672	0,094	0,304
CHR8	2471431	CHR8:2471431	SSF x LoA	-11,645	-0,032	0,287
CHR8	2471443	CHR8:2471443	SSF x LoA	-10,553	0,076	0,288
CHR8	2471458	CHR8:2471458	SSF x LoA	-10,080	0,038	0,286
CHR8	2501913	CHR8:2501913	SSF x LoA	-10,714	-0,034	0,276
CHR8	2501954	CHR8:2501954	SSF x LoA	-10,899	-0,050	0,281
CHR8	2502053	CHR8:2502053	SSF x LoA	-6,184	0,124	0,291
CHR8	2502074	CHR8:2502074	SSF x LoA	-5,677	-0,142	0,296
CHR8	2519987	CHR8:2519987	SSF x LoA	-9,246	-0,068	0,277
CHR8	2541118	CHR8:2541118	SSF x LoA	-10,504	0,056	0,296
CHR8	2541412	CHR8:2541412	SSF x LoA	-6,494	-0,032	0,291
CHR8	2556078	CHR8:2556078	SSF x LoA	-8,092	0,105	0,291
CHR8	2556136	CHR8:2556136	SSF x LoA	-7,379	-0,107	0,295
CHR8	257410	CHR8:257410	SSF x LoA	-10,085	0,090	0,289
CHR8	2591709	CHR8:2591709	SSF x LoA	-7,701	-0,045	0,292
CHR8	2591733	CHR8:2591733	SSF x LoA	-8,193	-0,015	0,289
CHR8	2620210	CHR8:2620210	SSF x LoA	-10,187	-0,024	0,289
CHR8	2634156	CHR8:2634156	SSF x LoA	-10,372	0,030	0,289
CHR8	2634199	CHR8:2634199	SSF x LoA	-10,686	-0,005	0,287
CHR8	2634311	CHR8:2634311	SSF x LoA	-7,918	0,132	0,280
CHR8	2634372	CHR8:2634372	SSF x LoA	-7,172	0,083	0,281
CHR8	2636410	CHR8:2636410	SSF x LoA	-9,760	-0,111	0,283
CHR8	2647708	CHR8:2647708	SSF x LoA	-0,898	0,146	0,290
CHR8	2647854	CHR8:2647854	SSF x LoA	-10,173	0,097	0,296
CHR8	2647892	CHR8:2647892	SSF x LoA	-9,949	-0,023	0,298
CHR8	2647913	CHR8:2647913	SSF x LoA	-6,542	-0,091	0,302
CHR8	2666723	CHR8:2666723	SSF x LoA	-6,019	0,044	0,287
CHR8	267234	CHR8:267234	SSF x LoA	-8,036	-0,125	0,285
CHR8	2676586	CHR8:2676586	SSF x LoA	-8,031	0,021	0,299
CHR8	2692665	CHR8:2692665	SSF x LoA	-9,470	0,150	0,295
CHR8	2692692	CHR8:2692692	SSF x LoA	-11,049	-0,075	0,282
CHR8	2697197	CHR8:2697197	SSF x LoA	-8,785	0,031	0,289

CHR8	2697215	CHR8:2697215	SSF x LoA	-10,977	-0,008	0,287
CHR8	2709953	CHR8:2709953	SSF x LoA	-7,458	0,088	0,310
CHR8	2709996	CHR8:2709996	SSF x LoA	-10,430	-0,044	0,287
CHR8	2710296	CHR8:2710296	SSF x LoA	-10,591	-0,059	0,284
CHR8	2718635	CHR8:2718635	SSF x LoA	-9,806	0,020	0,293
CHR8	272235	CHR8:272235	SSF x LoA	-9,634	0,023	0,286
CHR8	2724402	CHR8:2724402	SSF x LoA	-8,706	0,062	0,282
CHR8	2724404	CHR8:2724404	SSF x LoA	-5,659	0,115	0,282
CHR8	2724417	CHR8:2724417	SSF x LoA	-6,918	-0,101	0,287
CHR8	2724453	CHR8:2724453	SSF x LoA	-8,241	0,091	0,294
CHR8	2724523	CHR8:2724523	SSF x LoA	-7,168	-0,070	0,295
CHR8	2727210	CHR8:2727210	SSF x LoA	-4,526	0,131	0,284
CHR8	2727222	CHR8:2727222	SSF x LoA	-8,905	-0,118	0,287
CHR8	2731738	CHR8:2731738	SSF x LoA	-7,708	-0,146	0,269
CHR8	2731873	CHR8:2731873	SSF x LoA	-2,000	0,091	0,286
CHR8	2731874	CHR8:2731874	SSF x LoA	-7,989	0,050	0,306
CHR8	2731897	CHR8:2731897	SSF x LoA	-8,912	0,028	0,302
CHR8	2731956	CHR8:2731956	SSF x LoA	-8,600	-0,067	0,304
CHR8	2734042	CHR8:2734042	SSF x LoA	-7,246	-0,132	0,274
CHR8	2734079	CHR8:2734079	SSF x LoA	-8,167	-0,050	0,297
CHR8	2734087	CHR8:2734087	SSF x LoA	-9,333	-0,039	0,298
CHR8	2734176	CHR8:2734176	SSF x LoA	-8,117	0,094	0,260
CHR8	2734208	CHR8:2734208	SSF x LoA	-8,307	0,113	0,267
CHR8	2734224	CHR8:2734224	SSF x LoA	-9,583	-0,124	0,278
CHR8	2734226	CHR8:2734226	SSF x LoA	-8,348	-0,077	0,289
CHR8	2740101	CHR8:2740101	SSF x LoA	-8,102	0,044	0,272
CHR8	2740114	CHR8:2740114	SSF x LoA	-10,855	-0,007	0,304
CHR8	2740149	CHR8:2740149	SSF x LoA	-7,886	0,032	0,281
CHR8	2740164	CHR8:2740164	SSF x LoA	-7,336	0,011	0,271
CHR8	2741545	CHR8:2741545	SSF x LoA	-8,069	-0,018	0,272
CHR8	2741564	CHR8:2741564	SSF x LoA	-8,723	-0,105	0,301
CHR8	2741612	CHR8:2741612	SSF x LoA	-5,142	-0,120	0,285
CHR8	2741748	CHR8:2741748	SSF x LoA	-9,791	-0,106	0,295
CHR8	2741764	CHR8:2741764	SSF x LoA	-2,906	0,102	0,303
CHR8	2750836	CHR8:2750836	SSF x LoA	-2,601	-0,240	0,274
CHR8	2750850	CHR8:2750850	SSF x LoA	-6,730	-0,235	0,271
CHR8	2750855	CHR8:2750855	SSF x LoA	-4,937	-0,260	0,273
CHR8	2750858	CHR8:2750858	SSF x LoA	-5,820	0,174	0,271
CHR8	2750917	CHR8:2750917	SSF x LoA	-8,294	0,054	0,277
CHR8	2752475	CHR8:2752475	SSF x LoA	-10,562	0,016	0,291
CHR8	2752520	CHR8:2752520	SSF x LoA	-10,580	0,063	0,292
CHR8	2759700	CHR8:2759700	SSF x LoA	-8,537	-0,070	0,284
CHR8	2759703	CHR8:2759703	SSF x LoA	-9,136	-0,068	0,277
CHR8	2759750	CHR8:2759750	SSF x LoA	-9,655	0,144	0,288
CHR8	2759770	CHR8:2759770	SSF x LoA	-9,353	-0,023	0,287
CHR8	2759784	CHR8:2759784	SSF x LoA	-7,150	-0,146	0,286
CHR8	2759855	CHR8:2759855	SSF x LoA	-6,694	0,194	0,283
CHR8	2765388	CHR8:2765388	SSF x LoA	-10,701	0,053	0,283
CHR8	2765418	CHR8:2765418	SSF x LoA	-9,965	0,127	0,280
CHR8	2765445	CHR8:2765445	SSF x LoA	-8,411	-0,035	0,289
CHR8	2765482	CHR8:2765482	SSF x LoA	-10,559	0,089	0,293
CHR8	2765509	CHR8:2765509	SSF x LoA	-9,280	0,061	0,283
CHR8	2765529	CHR8:2765529	SSF x LoA	-7,379	0,074	0,300

CHR8	2765645	CHR8:2765645	SSF x LoA	-10,943	0,017	0,285
CHR8	2770557	CHR8:2770557	SSF x LoA	-8,958	0,000	0,291
CHR8	277955	CHR8:277955	SSF x LoA	-11,193	0,025	0,290
CHR8	277998	CHR8:277998	SSF x LoA	-9,404	-0,030	0,309
CHR8	2797389	CHR8:2797389	SSF x LoA	-9,427	-0,063	0,285
CHR8	2797595	CHR8:2797595	SSF x LoA	-11,315	0,043	0,287
CHR8	2799024	CHR8:2799024	SSF x LoA	-11,367	-0,038	0,272
CHR8	2799030	CHR8:2799030	SSF x LoA	-7,880	0,074	0,298
CHR8	2810021	CHR8:2810021	SSF x LoA	-5,987	-0,110	0,292
CHR8	2810173	CHR8:2810173	SSF x LoA	-10,659	-0,036	0,281
CHR8	2810181	CHR8:2810181	SSF x LoA	-10,426	0,026	0,286
CHR8	2810412	CHR8:2810412	SSF x LoA	-6,621	-0,090	0,304
CHR8	2810438	CHR8:2810438	SSF x LoA	-8,266	-0,045	0,303
CHR8	2810447	CHR8:2810447	SSF x LoA	-8,346	-0,071	0,289
CHR8	2810456	CHR8:2810456	SSF x LoA	-8,056	-0,028	0,290
CHR8	2810472	CHR8:2810472	SSF x LoA	-9,229	0,080	0,290
CHR8	2835651	CHR8:2835651	SSF x LoA	-5,430	0,045	0,290
CHR8	2835752	CHR8:2835752	SSF x LoA	-7,973	-0,116	0,295
CHR8	2835821	CHR8:2835821	SSF x LoA	-5,845	-0,169	0,280
CHR8	2835862	CHR8:2835862	SSF x LoA	-9,819	0,007	0,287
CHR8	2842129	CHR8:2842129	SSF x LoA	-9,078	-0,037	0,287
CHR8	2842188	CHR8:2842188	SSF x LoA	-8,627	0,081	0,295
CHR8	2842194	CHR8:2842194	SSF x LoA	-9,275	0,073	0,301
CHR8	2842249	CHR8:2842249	SSF x LoA	-6,681	-0,029	0,319
CHR8	2842257	CHR8:2842257	SSF x LoA	-8,191	-0,005	0,294
CHR8	2842366	CHR8:2842366	SSF x LoA	-6,680	0,052	0,289
CHR8	2843317	CHR8:2843317	SSF x LoA	-10,332	-0,042	0,289
CHR8	2843368	CHR8:2843368	SSF x LoA	-6,316	0,070	0,289
CHR8	2843438	CHR8:2843438	SSF x LoA	-7,937	0,009	0,294
CHR8	2843473	CHR8:2843473	SSF x LoA	-8,848	-0,019	0,297
CHR8	2855466	CHR8:2855466	SSF x LoA	-9,941	-0,164	0,272
CHR8	2863200	CHR8:2863200	SSF x LoA	-8,964	0,030	0,298
CHR8	2863348	CHR8:2863348	SSF x LoA	-10,447	-0,043	0,287
CHR8	287485	CHR8:287485	SSF x LoA	-9,026	-0,020	0,297
CHR8	2875310	CHR8:2875310	SSF x LoA	-9,986	-0,135	0,289
CHR8	2875340	CHR8:2875340	SSF x LoA	-7,107	-0,105	0,285
CHR8	2875343	CHR8:2875343	SSF x LoA	-6,243	-0,148	0,297
CHR8	2875393	CHR8:2875393	SSF x LoA	-8,952	-0,016	0,295
CHR8	2875421	CHR8:2875421	SSF x LoA	-7,823	0,097	0,257
CHR8	287545	CHR8:287545	SSF x LoA	-8,454	0,142	0,290
CHR8	287647	CHR8:287647	SSF x LoA	-8,979	0,078	0,285
CHR8	2879351	CHR8:2879351	SSF x LoA	-10,719	-0,048	0,291
CHR8	2879524	CHR8:2879524	SSF x LoA	-9,727	0,008	0,300
CHR8	2879528	CHR8:2879528	SSF x LoA	-8,263	0,094	0,284
CHR8	2879532	CHR8:2879532	SSF x LoA	-3,686	0,092	0,287
CHR8	2880488	CHR8:2880488	SSF x LoA	-8,057	-0,073	0,287
CHR8	2880492	CHR8:2880492	SSF x LoA	-6,915	-0,061	0,288
CHR8	2880563	CHR8:2880563	SSF x LoA	-8,460	0,016	0,286
CHR8	289445	CHR8:289445	SSF x LoA	-10,629	-0,042	0,289
CHR8	2898720	CHR8:2898720	SSF x LoA	-8,844	0,057	0,291
CHR8	2924766	CHR8:2924766	SSF x LoA	-9,859	-0,029	0,286
CHR8	2924907	CHR8:2924907	SSF x LoA	-8,407	-0,052	0,294
CHR8	2941467	CHR8:2941467	SSF x LoA	-11,132	-0,056	0,279

CHR8	295196	CHR8:295196	SSF x LoA	-6,334	0,172	0,288
CHR8	295385	CHR8:295385	SSF x LoA	-6,255	0,022	0,289
CHR8	295434	CHR8:295434	SSF x LoA	-8,392	0,040	0,291
CHR8	2968798	CHR8:2968798	SSF x LoA	-7,418	0,043	0,289
CHR8	2968859	CHR8:2968859	SSF x LoA	-4,840	-0,001	0,284
CHR8	2968868	CHR8:2968868	SSF x LoA	-8,465	0,013	0,286
CHR8	2993846	CHR8:2993846	SSF x LoA	-8,171	-0,086	0,292
CHR8	3017653	CHR8:3017653	SSF x LoA	-7,593	0,036	0,288
CHR8	3030529	CHR8:3030529	SSF x LoA	-7,562	0,042	0,292
CHR8	3030537	CHR8:3030537	SSF x LoA	-8,096	-0,017	0,299
CHR8	3046387	CHR8:3046387	SSF x LoA	-10,299	0,016	0,300
CHR8	3046421	CHR8:3046421	SSF x LoA	-10,754	-0,018	0,287
CHR8	3051362	CHR8:3051362	SSF x LoA	-10,341	-0,028	0,301
CHR8	3051652	CHR8:3051652	SSF x LoA	-11,338	0,046	0,276
CHR8	3051686	CHR8:3051686	SSF x LoA	-6,113	-0,096	0,289
CHR8	3101722	CHR8:3101722	SSF x LoA	-8,581	0,031	0,304
CHR8	3101745	CHR8:3101745	SSF x LoA	-2,531	0,000	0,306
CHR8	3101838	CHR8:3101838	SSF x LoA	-9,426	0,008	0,289
CHR8	3101891	CHR8:3101891	SSF x LoA	-6,154	-0,055	0,295
CHR8	3101950	CHR8:3101950	SSF x LoA	-10,597	0,024	0,293
CHR8	3110885	CHR8:3110885	SSF x LoA	-10,355	-0,027	0,292
CHR8	3131847	CHR8:3131847	SSF x LoA	-8,133	-0,077	0,274
CHR8	313197	CHR8:313197	SSF x LoA	-9,275	-0,031	0,282
CHR8	3131971	CHR8:3131971	SSF x LoA	-7,124	-0,040	0,278
CHR8	3132098	CHR8:3132098	SSF x LoA	-9,399	0,010	0,267
CHR8	3132114	CHR8:3132114	SSF x LoA	-10,565	0,065	0,297
CHR8	313393	CHR8:313393	SSF x LoA	-7,741	0,012	0,294
CHR8	318266	CHR8:318266	SSF x LoA	-7,206	-0,159	0,285
CHR8	3197062	CHR8:3197062	SSF x LoA	-9,454	-0,110	0,276
CHR8	3202105	CHR8:3202105	SSF x LoA	-2,530	-0,178	0,287
CHR8	3202107	CHR8:3202107	SSF x LoA	-9,101	0,056	0,306
CHR8	3202268	CHR8:3202268	SSF x LoA	-8,295	0,040	0,305
CHR8	3205234	CHR8:3205234	SSF x LoA	-7,995	0,086	0,292
CHR8	3205342	CHR8:3205342	SSF x LoA	-7,456	-0,164	0,264
CHR8	3205353	CHR8:3205353	SSF x LoA	-7,462	0,054	0,290
CHR8	3216739	CHR8:3216739	SSF x LoA	-9,117	-0,117	0,282
CHR8	3220116	CHR8:3220116	SSF x LoA	-8,366	-0,035	0,282
CHR8	3221000	CHR8:3221000	SSF x LoA	-7,015	0,145	0,276
CHR8	3223046	CHR8:3223046	SSF x LoA	-7,920	-0,066	0,294
CHR8	3223058	CHR8:3223058	SSF x LoA	-11,126	-0,088	0,275
CHR8	3224051	CHR8:3224051	SSF x LoA	-8,576	0,001	0,284
CHR8	3224105	CHR8:3224105	SSF x LoA	-8,292	-0,022	0,296
CHR8	3238418	CHR8:3238418	SSF x LoA	-9,873	-0,014	0,281
CHR8	3238427	CHR8:3238427	SSF x LoA	-8,949	-0,121	0,278
CHR8	3267976	CHR8:3267976	SSF x LoA	-1,539	-0,140	0,277
CHR8	3268095	CHR8:3268095	SSF x LoA	-6,087	-0,150	0,292
CHR8	3268103	CHR8:3268103	SSF x LoA	-6,440	-0,133	0,302
CHR8	3268129	CHR8:3268129	SSF x LoA	-6,428	-0,134	0,295
CHR8	3268181	CHR8:3268181	SSF x LoA	-9,303	0,113	0,276
CHR8	327899	CHR8:327899	SSF x LoA	-7,766	-0,016	0,302
CHR8	3280827	CHR8:3280827	SSF x LoA	-8,271	0,013	0,297
CHR8	3280828	CHR8:3280828	SSF x LoA	-10,604	-0,005	0,281
CHR8	3280894	CHR8:3280894	SSF x LoA	-9,626	0,079	0,297

CHR8	3280895	CHR8:3280895	SSF x LoA	-0,401	-0,077	0,274
CHR8	3280905	CHR8:3280905	SSF x LoA	-10,133	-0,052	0,281
CHR8	3281075	CHR8:3281075	SSF x LoA	-6,066	-0,185	0,266
CHR8	3281081	CHR8:3281081	SSF x LoA	-4,300	-0,107	0,283
CHR8	3282132	CHR8:3282132	SSF x LoA	-8,236	0,104	0,291
CHR8	3294534	CHR8:3294534	SSF x LoA	-9,594	-0,004	0,298
CHR8	3294557	CHR8:3294557	SSF x LoA	-9,703	0,021	0,299
CHR8	3294563	CHR8:3294563	SSF x LoA	-8,520	-0,052	0,278
CHR8	3294867	CHR8:3294867	SSF x LoA	-7,481	0,035	0,277
CHR8	3327961	CHR8:3327961	SSF x LoA	-10,576	0,024	0,292
CHR8	3327998	CHR8:3327998	SSF x LoA	-9,771	-0,057	0,273
CHR8	3327999	CHR8:3327999	SSF x LoA	-10,070	-0,028	0,279
CHR8	3328002	CHR8:3328002	SSF x LoA	-10,413	0,020	0,272
CHR8	3328005	CHR8:3328005	SSF x LoA	-11,594	0,033	0,300
CHR8	3328033	CHR8:3328033	SSF x LoA	-9,304	0,079	0,287
CHR8	3328067	CHR8:3328067	SSF x LoA	-7,956	-0,087	0,293
CHR8	3328097	CHR8:3328097	SSF x LoA	-8,975	0,030	0,295
CHR8	3328121	CHR8:3328121	SSF x LoA	-8,862	0,054	0,281
CHR8	3328231	CHR8:3328231	SSF x LoA	-7,508	0,125	0,277
CHR8	3353230	CHR8:3353230	SSF x LoA	-6,206	-0,135	0,265
CHR8	335393	CHR8:335393	SSF x LoA	-8,810	-0,010	0,291
CHR8	3354673	CHR8:3354673	SSF x LoA	-10,906	-0,028	0,291
CHR8	3354680	CHR8:3354680	SSF x LoA	-8,857	-0,010	0,277
CHR8	3354797	CHR8:3354797	SSF x LoA	-6,735	-0,047	0,289
CHR8	3354814	CHR8:3354814	SSF x LoA	-9,542	0,028	0,289
CHR8	3354850	CHR8:3354850	SSF x LoA	-11,183	0,049	0,285
CHR8	3354853	CHR8:3354853	SSF x LoA	-9,404	0,041	0,276
CHR8	3359016	CHR8:3359016	SSF x LoA	-8,234	0,005	0,296
CHR8	3359036	CHR8:3359036	SSF x LoA	-8,308	-0,106	0,295
CHR8	3359068	CHR8:3359068	SSF x LoA	-9,920	0,089	0,293
CHR8	3359087	CHR8:3359087	SSF x LoA	-8,647	0,066	0,281
CHR8	3359214	CHR8:3359214	SSF x LoA	-6,448	0,000	0,291
CHR8	3388799	CHR8:3388799	SSF x LoA	-6,741	0,077	0,298
CHR8	3393865	CHR8:3393865	SSF x LoA	-11,304	0,040	0,290
CHR8	3394028	CHR8:3394028	SSF x LoA	-7,699	0,068	0,285
CHR8	3395644	CHR8:3395644	SSF x LoA	-10,903	0,083	0,273
CHR8	3399062	CHR8:3399062	SSF x LoA	-8,759	-0,065	0,292
CHR8	3418763	CHR8:3418763	SSF x LoA	-10,618	0,040	0,270
CHR8	3418845	CHR8:3418845	SSF x LoA	-9,986	-0,052	0,291
CHR8	3418846	CHR8:3418846	SSF x LoA	-8,934	0,016	0,291
CHR8	3425893	CHR8:3425893	SSF x LoA	-10,027	0,042	0,290
CHR8	3425960	CHR8:3425960	SSF x LoA	-8,133	-0,023	0,293
CHR8	3425961	CHR8:3425961	SSF x LoA	-9,205	0,105	0,283
CHR8	3425965	CHR8:3425965	SSF x LoA	-8,356	-0,020	0,297
CHR8	3439378	CHR8:3439378	SSF x LoA	-7,424	-0,025	0,295
CHR8	3439528	CHR8:3439528	SSF x LoA	-9,472	0,008	0,287
CHR8	346147	CHR8:346147	SSF x LoA	-8,320	-0,032	0,297
CHR8	346161	CHR8:346161	SSF x LoA	-10,506	-0,102	0,283
CHR8	347168	CHR8:347168	SSF x LoA	-10,661	-0,097	0,292
CHR8	3483803	CHR8:3483803	SSF x LoA	-7,523	0,148	0,285
CHR8	3483860	CHR8:3483860	SSF x LoA	-8,058	0,138	0,275
CHR8	3484290	CHR8:3484290	SSF x LoA	-7,455	0,066	0,292
CHR8	3493174	CHR8:3493174	SSF x LoA	-4,274	0,114	0,283

CHR8	3493230	CHR8:3493230	SSF x LoA	-6,807	-0,107	0,290
CHR8	3514293	CHR8:3514293	SSF x LoA	-9,492	-0,047	0,292
CHR8	3514443	CHR8:3514443	SSF x LoA	-9,457	0,110	0,283
CHR8	3514528	CHR8:3514528	SSF x LoA	-7,565	-0,137	0,285
CHR8	3514560	CHR8:3514560	SSF x LoA	-6,310	-0,051	0,287
CHR8	3514572	CHR8:3514572	SSF x LoA	-9,943	0,061	0,281
CHR8	3514682	CHR8:3514682	SSF x LoA	-8,842	-0,096	0,293
CHR8	3520297	CHR8:3520297	SSF x LoA	-9,329	0,007	0,299
CHR8	3522687	CHR8:3522687	SSF x LoA	-9,075	-0,023	0,279
CHR8	3522726	CHR8:3522726	SSF x LoA	-8,911	0,027	0,292
CHR8	3522764	CHR8:3522764	SSF x LoA	-8,309	-0,087	0,297
CHR8	3526218	CHR8:3526218	SSF x LoA	-2,878	0,117	0,297
CHR8	3526345	CHR8:3526345	SSF x LoA	-9,768	0,026	0,276
CHR8	354008	CHR8:354008	SSF x LoA	-8,009	0,009	0,305
CHR8	354015	CHR8:354015	SSF x LoA	-8,222	-0,062	0,287
CHR8	354037	CHR8:354037	SSF x LoA	-9,001	-0,019	0,293
CHR8	354107	CHR8:354107	SSF x LoA	-7,504	-0,103	0,277
CHR8	3543997	CHR8:3543997	SSF x LoA	-11,309	0,006	0,286
CHR8	3551423	CHR8:3551423	SSF x LoA	-8,916	0,098	0,282
CHR8	3551439	CHR8:3551439	SSF x LoA	-8,776	-0,020	0,285
CHR8	3551456	CHR8:3551456	SSF x LoA	-7,178	0,081	0,276
CHR8	3551619	CHR8:3551619	SSF x LoA	-10,619	-0,003	0,291
CHR8	3551656	CHR8:3551656	SSF x LoA	-8,898	-0,103	0,282
CHR8	3553661	CHR8:3553661	SSF x LoA	-9,240	-0,182	0,276
CHR8	3553768	CHR8:3553768	SSF x LoA	-6,794	0,103	0,295
CHR8	3553816	CHR8:3553816	SSF x LoA	-6,369	-0,101	0,287
CHR8	3553838	CHR8:3553838	SSF x LoA	-7,654	0,046	0,306
CHR8	3561405	CHR8:3561405	SSF x LoA	-6,695	-0,179	0,273
CHR8	3561481	CHR8:3561481	SSF x LoA	-8,725	-0,096	0,275
CHR8	3561572	CHR8:3561572	SSF x LoA	-8,570	-0,118	0,279
CHR8	3561622	CHR8:3561622	SSF x LoA	-7,846	0,080	0,291
CHR8	3563634	CHR8:3563634	SSF x LoA	-7,344	0,116	0,295
CHR8	3563810	CHR8:3563810	SSF x LoA	-7,734	-0,036	0,299
CHR8	3563845	CHR8:3563845	SSF x LoA	-7,196	-0,018	0,298
CHR8	3565155	CHR8:3565155	SSF x LoA	-7,100	0,122	0,300
CHR8	3565164	CHR8:3565164	SSF x LoA	-4,769	0,060	0,280
CHR8	3565253	CHR8:3565253	SSF x LoA	-8,014	0,001	0,286
CHR8	3565329	CHR8:3565329	SSF x LoA	-4,873	-0,028	0,284
CHR8	3565338	CHR8:3565338	SSF x LoA	-8,835	0,065	0,279
CHR8	3573553	CHR8:3573553	SSF x LoA	-9,015	0,070	0,282
CHR8	3573871	CHR8:3573871	SSF x LoA	-9,561	-0,014	0,302
CHR8	3605340	CHR8:3605340	SSF x LoA	-8,198	-0,122	0,277
CHR8	3610922	CHR8:3610922	SSF x LoA	-10,519	-0,063	0,278
CHR8	364052	CHR8:364052	SSF x LoA	-7,239	-0,034	0,287
CHR8	3688106	CHR8:3688106	SSF x LoA	-6,898	-0,074	0,291
CHR8	3688152	CHR8:3688152	SSF x LoA	-8,832	-0,054	0,297
CHR8	3744438	CHR8:3744438	SSF x LoA	-9,453	-0,010	0,279
CHR8	3744463	CHR8:3744463	SSF x LoA	-7,337	-0,006	0,299
CHR8	3744593	CHR8:3744593	SSF x LoA	-6,782	0,024	0,286
CHR8	375740	CHR8:375740	SSF x LoA	-8,715	0,007	0,286
CHR8	375741	CHR8:375741	SSF x LoA	-4,235	-0,102	0,296
CHR8	375999	CHR8:375999	SSF x LoA	-9,350	-0,053	0,294
CHR8	376076	CHR8:376076	SSF x LoA	-10,289	-0,008	0,286

CHR8	376093	CHR8:376093	SSF x LoA	-10,672	0,012	0,288
CHR8	3770636	CHR8:3770636	SSF x LoA	-9,526	0,115	0,284
CHR8	3770765	CHR8:3770765	SSF x LoA	-6,874	0,052	0,291
CHR8	3770822	CHR8:3770822	SSF x LoA	-9,053	-0,053	0,292
CHR8	3774766	CHR8:3774766	SSF x LoA	-7,212	0,093	0,302
CHR8	3774804	CHR8:3774804	SSF x LoA	-7,467	-0,007	0,288
CHR8	3774816	CHR8:3774816	SSF x LoA	-9,994	-0,037	0,289
CHR8	3774838	CHR8:3774838	SSF x LoA	-8,872	-0,032	0,299
CHR8	3793385	CHR8:3793385	SSF x LoA	-9,727	0,010	0,294
CHR8	3793397	CHR8:3793397	SSF x LoA	-8,026	0,080	0,282
CHR8	3800361	CHR8:3800361	SSF x LoA	-9,472	-0,031	0,275
CHR8	3800437	CHR8:3800437	SSF x LoA	-6,431	-0,087	0,301
CHR8	3800438	CHR8:3800438	SSF x LoA	-9,070	-0,092	0,305
CHR8	3800439	CHR8:3800439	SSF x LoA	-9,952	-0,091	0,293
CHR8	3800559	CHR8:3800559	SSF x LoA	-9,719	0,048	0,297
CHR8	3800580	CHR8:3800580	SSF x LoA	-9,724	-0,011	0,292
CHR8	3804020	CHR8:3804020	SSF x LoA	-5,937	0,086	0,278
CHR8	3810538	CHR8:3810538	SSF x LoA	-4,144	0,041	0,285
CHR8	3810597	CHR8:3810597	SSF x LoA	-8,922	-0,143	0,290
CHR8	3810665	CHR8:3810665	SSF x LoA	-10,162	0,079	0,278
CHR8	3815256	CHR8:3815256	SSF x LoA	-8,017	-0,043	0,289
CHR8	3815260	CHR8:3815260	SSF x LoA	-4,111	-0,099	0,295
CHR8	3815336	CHR8:3815336	SSF x LoA	-3,001	-0,179	0,277
CHR8	3815347	CHR8:3815347	SSF x LoA	-7,387	-0,174	0,286
CHR8	3815427	CHR8:3815427	SSF x LoA	-8,978	0,135	0,294
CHR8	3815474	CHR8:3815474	SSF x LoA	-8,252	0,108	0,294
CHR8	3815553	CHR8:3815553	SSF x LoA	-9,538	0,136	0,287
CHR8	3820566	CHR8:3820566	SSF x LoA	-8,609	0,038	0,289
CHR8	3820599	CHR8:3820599	SSF x LoA	-7,573	0,114	0,287
CHR8	3820608	CHR8:3820608	SSF x LoA	-8,293	0,120	0,289
CHR8	3820639	CHR8:3820639	SSF x LoA	-11,251	0,002	0,293
CHR8	3820705	CHR8:3820705	SSF x LoA	-6,698	0,102	0,299
CHR8	3820786	CHR8:3820786	SSF x LoA	-8,730	-0,053	0,296
CHR8	3831173	CHR8:3831173	SSF x LoA	-5,685	0,080	0,308
CHR8	3831184	CHR8:3831184	SSF x LoA	-9,447	-0,037	0,306
CHR8	3831414	CHR8:3831414	SSF x LoA	-10,137	-0,048	0,280
CHR8	3837220	CHR8:3837220	SSF x LoA	-10,457	0,011	0,275
CHR8	3842872	CHR8:3842872	SSF x LoA	-7,472	0,076	0,292
CHR8	3842878	CHR8:3842878	SSF x LoA	-9,923	-0,007	0,282
CHR8	3842889	CHR8:3842889	SSF x LoA	-8,890	0,073	0,281
CHR8	3842965	CHR8:3842965	SSF x LoA	-4,519	-0,072	0,289
CHR8	3858389	CHR8:3858389	SSF x LoA	-9,421	-0,097	0,285
CHR8	3858499	CHR8:3858499	SSF x LoA	-10,428	-0,054	0,283
CHR8	3858522	CHR8:3858522	SSF x LoA	-9,522	0,061	0,303
CHR8	3858566	CHR8:3858566	SSF x LoA	-7,450	-0,111	0,279
CHR8	3860981	CHR8:3860981	SSF x LoA	-9,426	-0,012	0,304
CHR8	3861159	CHR8:3861159	SSF x LoA	-9,469	0,110	0,292
CHR8	3871768	CHR8:3871768	SSF x LoA	-6,798	-0,176	0,281
CHR8	3871802	CHR8:3871802	SSF x LoA	-10,744	-0,055	0,281
CHR8	3871829	CHR8:3871829	SSF x LoA	-8,379	0,120	0,289
CHR8	3871910	CHR8:3871910	SSF x LoA	-8,949	-0,088	0,276
CHR8	3871935	CHR8:3871935	SSF x LoA	-4,127	0,168	0,278
CHR8	3872093	CHR8:3872093	SSF x LoA	-5,666	-0,109	0,288

CHR8	3872199	CHR8:3872199	SSF x LoA	-9,463	0,072	0,298
CHR8	3872227	CHR8:3872227	SSF x LoA	-5,400	-0,199	0,291
CHR8	3872250	CHR8:3872250	SSF x LoA	-8,430	0,057	0,281
CHR8	3880795	CHR8:3880795	SSF x LoA	-7,355	-0,004	0,292
CHR8	3894022	CHR8:3894022	SSF x LoA	-6,896	0,021	0,304
CHR8	3899734	CHR8:3899734	SSF x LoA	-11,052	0,043	0,299
CHR8	3908466	CHR8:3908466	SSF x LoA	-8,327	0,043	0,295
CHR8	3908504	CHR8:3908504	SSF x LoA	-7,856	0,023	0,307
CHR8	3908551	CHR8:3908551	SSF x LoA	-8,435	-0,004	0,270
CHR8	3908561	CHR8:3908561	SSF x LoA	-3,964	-0,156	0,272
CHR8	3923570	CHR8:3923570	SSF x LoA	-9,849	-0,061	0,290
CHR8	3938057	CHR8:3938057	SSF x LoA	-11,871	0,015	0,281
CHR8	3938085	CHR8:3938085	SSF x LoA	-7,841	0,146	0,285
CHR8	3938111	CHR8:3938111	SSF x LoA	-7,954	-0,014	0,283
CHR8	3938169	CHR8:3938169	SSF x LoA	-8,582	0,097	0,293
CHR8	3939908	CHR8:3939908	SSF x LoA	-10,556	-0,002	0,285
CHR8	3939941	CHR8:3939941	SSF x LoA	0,058	0,061	0,291
CHR8	3939961	CHR8:3939961	SSF x LoA	-6,314	-0,049	0,282
CHR8	3939982	CHR8:3939982	SSF x LoA	-10,670	-0,007	0,286
CHR8	3939998	CHR8:3939998	SSF x LoA	-7,707	-0,093	0,282
CHR8	3940059	CHR8:3940059	SSF x LoA	-7,937	0,010	0,283
CHR8	3948115	CHR8:3948115	SSF x LoA	-11,323	0,081	0,296
CHR8	3948174	CHR8:3948174	SSF x LoA	-8,244	-0,087	0,298
CHR8	3948183	CHR8:3948183	SSF x LoA	-9,066	0,004	0,300
CHR8	3948184	CHR8:3948184	SSF x LoA	-8,077	-0,041	0,292
CHR8	3948228	CHR8:3948228	SSF x LoA	-9,863	0,064	0,284
CHR8	3966830	CHR8:3966830	SSF x LoA	-7,717	0,057	0,270
CHR8	3966850	CHR8:3966850	SSF x LoA	-8,756	0,145	0,295
CHR8	3966955	CHR8:3966955	SSF x LoA	-9,777	-0,001	0,284
CHR8	3969988	CHR8:3969988	SSF x LoA	-4,771	0,030	0,301
CHR8	3970030	CHR8:3970030	SSF x LoA	-7,782	-0,061	0,296
CHR8	3970154	CHR8:3970154	SSF x LoA	-7,017	0,204	0,284
CHR8	3970164	CHR8:3970164	SSF x LoA	-0,379	0,186	0,288
CHR8	3970174	CHR8:3970174	SSF x LoA	-8,149	0,071	0,271
CHR8	3970203	CHR8:3970203	SSF x LoA	-8,975	-0,040	0,289
CHR8	3970295	CHR8:3970295	SSF x LoA	-10,568	0,016	0,302
CHR8	3970458	CHR8:3970458	SSF x LoA	-9,009	-0,047	0,289
CHR8	3975728	CHR8:3975728	SSF x LoA	-7,152	0,139	0,274
CHR8	3976000	CHR8:3976000	SSF x LoA	-6,540	-0,188	0,270
CHR8	3977094	CHR8:3977094	SSF x LoA	-0,691	0,201	0,284
CHR8	3977162	CHR8:3977162	SSF x LoA	-10,487	-0,086	0,290
CHR8	3977176	CHR8:3977176	SSF x LoA	-9,383	-0,092	0,290
CHR8	3977335	CHR8:3977335	SSF x LoA	-7,740	-0,032	0,300
CHR8	3977336	CHR8:3977336	SSF x LoA	-8,110	-0,053	0,284
CHR8	4009871	CHR8:4009871	SSF x LoA	-10,151	-0,065	0,287
CHR8	4009931	CHR8:4009931	SSF x LoA	-5,529	0,177	0,270
CHR8	4012093	CHR8:4012093	SSF x LoA	-9,814	-0,117	0,293
CHR8	4012185	CHR8:4012185	SSF x LoA	-10,089	0,032	0,291
CHR8	4012236	CHR8:4012236	SSF x LoA	-10,061	0,024	0,277
CHR8	4015164	CHR8:4015164	SSF x LoA	-9,731	-0,022	0,284
CHR8	4047675	CHR8:4047675	SSF x LoA	-10,198	0,042	0,270
CHR8	4047766	CHR8:4047766	SSF x LoA	-7,800	0,047	0,286
CHR8	4047794	CHR8:4047794	SSF x LoA	-7,254	-0,207	0,288

CHR8	4048830	CHR8:4048830	SSF x LoA	-10,164	0,105	0,291
CHR8	4052966	CHR8:4052966	SSF x LoA	-8,608	0,104	0,296
CHR8	4053164	CHR8:4053164	SSF x LoA	-9,380	0,081	0,284
CHR8	4054981	CHR8:4054981	SSF x LoA	1,785	0,215	0,276
CHR8	4055054	CHR8:4055054	SSF x LoA	-6,088	-0,075	0,294
CHR8	4057143	CHR8:4057143	SSF x LoA	-6,268	0,140	0,288
CHR8	4057148	CHR8:4057148	SSF x LoA	-8,425	0,056	0,298
CHR8	4057149	CHR8:4057149	SSF x LoA	-8,642	-0,060	0,284
CHR8	4057191	CHR8:4057191	SSF x LoA	-10,278	-0,039	0,275
CHR8	4057223	CHR8:4057223	SSF x LoA	-9,876	-0,054	0,283
CHR8	4057379	CHR8:4057379	SSF x LoA	-9,092	-0,058	0,282
CHR8	4057440	CHR8:4057440	SSF x LoA	-11,038	-0,042	0,295
CHR8	4057442	CHR8:4057442	SSF x LoA	-11,940	0,011	0,291
CHR8	4057496	CHR8:4057496	SSF x LoA	-10,195	0,034	0,297
CHR8	4092169	CHR8:4092169	SSF x LoA	-10,754	0,032	0,304
CHR8	4092174	CHR8:4092174	SSF x LoA	-10,991	0,023	0,279
CHR8	4092205	CHR8:4092205	SSF x LoA	-9,312	-0,056	0,278
CHR8	4092304	CHR8:4092304	SSF x LoA	-10,445	0,052	0,283
CHR8	4092306	CHR8:4092306	SSF x LoA	-10,091	0,035	0,287
CHR8	4092309	CHR8:4092309	SSF x LoA	-10,885	0,031	0,284
CHR8	4092314	CHR8:4092314	SSF x LoA	-10,768	0,044	0,293
CHR8	4092336	CHR8:4092336	SSF x LoA	-10,545	0,017	0,284
CHR8	4093150	CHR8:4093150	SSF x LoA	-10,561	0,016	0,288
CHR8	4093868	CHR8:4093868	SSF x LoA	-6,799	0,128	0,285
CHR8	4098252	CHR8:4098252	SSF x LoA	-11,046	0,032	0,287
CHR8	4098269	CHR8:4098269	SSF x LoA	-10,209	0,029	0,284
CHR8	4098481	CHR8:4098481	SSF x LoA	-7,748	-0,044	0,296
CHR8	4098640	CHR8:4098640	SSF x LoA	-8,242	-0,084	0,282
CHR8	4098671	CHR8:4098671	SSF x LoA	-6,501	0,056	0,300
CHR8	4098687	CHR8:4098687	SSF x LoA	-11,103	-0,052	0,294
CHR8	4098694	CHR8:4098694	SSF x LoA	-8,696	0,050	0,295
CHR8	4098703	CHR8:4098703	SSF x LoA	-6,107	-0,055	0,304
CHR8	4099579	CHR8:4099579	SSF x LoA	-8,923	0,072	0,286
CHR8	4099615	CHR8:4099615	SSF x LoA	-8,680	0,037	0,304
CHR8	4099662	CHR8:4099662	SSF x LoA	-10,125	0,074	0,282
CHR8	4117280	CHR8:4117280	SSF x LoA	-10,271	-0,066	0,290
CHR8	4117284	CHR8:4117284	SSF x LoA	-9,528	-0,062	0,297
CHR8	4117383	CHR8:4117383	SSF x LoA	-8,493	-0,075	0,273
CHR8	4117433	CHR8:4117433	SSF x LoA	-7,311	-0,011	0,288
CHR8	4117509	CHR8:4117509	SSF x LoA	-9,899	0,020	0,288
CHR8	4117551	CHR8:4117551	SSF x LoA	-8,541	0,176	0,275
CHR8	4117596	CHR8:4117596	SSF x LoA	-7,930	0,031	0,306
CHR8	4126333	CHR8:4126333	SSF x LoA	-6,935	0,037	0,278
CHR8	4126697	CHR8:4126697	SSF x LoA	-10,467	0,128	0,290
CHR8	4128763	CHR8:4128763	SSF x LoA	-8,550	-0,154	0,268
CHR8	4128806	CHR8:4128806	SSF x LoA	-4,822	0,228	0,279
CHR8	4128886	CHR8:4128886	SSF x LoA	-7,285	0,013	0,293
CHR8	4128887	CHR8:4128887	SSF x LoA	-7,474	-0,004	0,281
CHR8	4128908	CHR8:4128908	SSF x LoA	-8,993	0,039	0,291
CHR8	4133085	CHR8:4133085	SSF x LoA	-9,004	-0,073	0,288
CHR8	4133097	CHR8:4133097	SSF x LoA	-6,807	0,032	0,298
CHR8	4133098	CHR8:4133098	SSF x LoA	-8,914	0,030	0,287
CHR8	4133126	CHR8:4133126	SSF x LoA	-7,754	0,089	0,295

CHR8	4133127	CHR8:4133127	SSF x LoA	-7,477	0,079	0,296
CHR8	4133192	CHR8:4133192	SSF x LoA	-8,459	0,030	0,282
CHR8	4133200	CHR8:4133200	SSF x LoA	-6,774	0,031	0,295
CHR8	4133255	CHR8:4133255	SSF x LoA	-8,561	0,094	0,271
CHR8	4133267	CHR8:4133267	SSF x LoA	-9,377	-0,122	0,289
CHR8	4133268	CHR8:4133268	SSF x LoA	-6,648	0,091	0,288
CHR8	4156248	CHR8:4156248	SSF x LoA	-9,515	-0,016	0,286
CHR8	4156331	CHR8:4156331	SSF x LoA	-7,887	0,055	0,297
CHR8	4156386	CHR8:4156386	SSF x LoA	-10,591	-0,046	0,294
CHR8	4156440	CHR8:4156440	SSF x LoA	-10,219	-0,074	0,285
CHR8	416671	CHR8:416671	SSF x LoA	-7,272	-0,085	0,294
CHR8	4173794	CHR8:4173794	SSF x LoA	-7,882	-0,077	0,304
CHR8	4180184	CHR8:4180184	SSF x LoA	-8,639	0,029	0,294
CHR8	4180211	CHR8:4180211	SSF x LoA	-10,465	0,012	0,295
CHR8	4180552	CHR8:4180552	SSF x LoA	-10,232	-0,006	0,287
CHR8	4180634	CHR8:4180634	SSF x LoA	-7,894	0,029	0,302
CHR8	4183754	CHR8:4183754	SSF x LoA	-10,273	-0,092	0,285
CHR8	4183769	CHR8:4183769	SSF x LoA	-4,159	-0,039	0,301
CHR8	4190367	CHR8:4190367	SSF x LoA	-7,402	-0,011	0,280
CHR8	4190379	CHR8:4190379	SSF x LoA	-5,073	-0,239	0,281
CHR8	4190415	CHR8:4190415	SSF x LoA	-4,954	0,277	0,272
CHR8	4190420	CHR8:4190420	SSF x LoA	-3,362	-0,159	0,262
CHR8	4190708	CHR8:4190708	SSF x LoA	-9,703	-0,024	0,293
CHR8	4200719	CHR8:4200719	SSF x LoA	-10,165	-0,037	0,271
CHR8	4200769	CHR8:4200769	SSF x LoA	-10,056	-0,033	0,296
CHR8	4200913	CHR8:4200913	SSF x LoA	-9,400	0,010	0,314
CHR8	4200972	CHR8:4200972	SSF x LoA	-9,044	0,076	0,303
CHR8	4200978	CHR8:4200978	SSF x LoA	1,362	0,118	0,302
CHR8	4200985	CHR8:4200985	SSF x LoA	-10,544	0,059	0,276
CHR8	4229182	CHR8:4229182	SSF x LoA	-7,773	0,013	0,294
CHR8	4238526	CHR8:4238526	SSF x LoA	-10,090	0,094	0,288
CHR8	4238660	CHR8:4238660	SSF x LoA	-6,205	0,048	0,282
CHR8	4238715	CHR8:4238715	SSF x LoA	-6,488	-0,233	0,277
CHR8	4238725	CHR8:4238725	SSF x LoA	-6,295	-0,119	0,298
CHR8	4238728	CHR8:4238728	SSF x LoA	-6,080	-0,143	0,278
CHR8	4238729	CHR8:4238729	SSF x LoA	-6,940	-0,137	0,274
CHR8	4238731	CHR8:4238731	SSF x LoA	1,798	-0,120	0,279
CHR8	4238885	CHR8:4238885	SSF x LoA	-9,536	-0,041	0,285
CHR8	4241962	CHR8:4241962	SSF x LoA	-6,531	0,028	0,288
CHR8	4241974	CHR8:4241974	SSF x LoA	-10,741	0,045	0,292
CHR8	4241980	CHR8:4241980	SSF x LoA	-7,724	0,101	0,276
CHR8	4256466	CHR8:4256466	SSF x LoA	-7,059	-0,120	0,273
CHR8	4256544	CHR8:4256544	SSF x LoA	-7,413	-0,129	0,261
CHR8	4256551	CHR8:4256551	SSF x LoA	-5,880	-0,140	0,279
CHR8	4256557	CHR8:4256557	SSF x LoA	-7,307	-0,139	0,298
CHR8	4256621	CHR8:4256621	SSF x LoA	-7,405	0,064	0,277
CHR8	4256639	CHR8:4256639	SSF x LoA	-7,956	0,012	0,271
CHR8	4256677	CHR8:4256677	SSF x LoA	-8,278	0,020	0,275
CHR8	4264033	CHR8:4264033	SSF x LoA	-5,893	0,045	0,291
CHR8	4264125	CHR8:4264125	SSF x LoA	-9,367	0,081	0,298
CHR8	4264155	CHR8:4264155	SSF x LoA	-7,559	0,006	0,285
CHR8	4265842	CHR8:4265842	SSF x LoA	-7,501	0,041	0,269
CHR8	4265874	CHR8:4265874	SSF x LoA	-11,074	0,009	0,288

CHR8	4265996	CHR8:4265996	SSF x LoA	-8,554	0,011	0,283
CHR8	4266032	CHR8:4266032	SSF x LoA	-8,550	-0,055	0,288
CHR8	4266059	CHR8:4266059	SSF x LoA	-6,623	-0,027	0,282
CHR8	4266079	CHR8:4266079	SSF x LoA	-8,728	0,018	0,294
CHR8	4266167	CHR8:4266167	SSF x LoA	-8,184	0,061	0,288
CHR8	4278777	CHR8:4278777	SSF x LoA	-9,153	0,060	0,284
CHR8	4278835	CHR8:4278835	SSF x LoA	-7,862	0,141	0,275
CHR8	4293647	CHR8:4293647	SSF x LoA	-9,510	0,064	0,299
CHR8	4293650	CHR8:4293650	SSF x LoA	-8,606	0,057	0,295
CHR8	4293656	CHR8:4293656	SSF x LoA	-9,545	-0,124	0,280
CHR8	4293671	CHR8:4293671	SSF x LoA	-4,066	-0,084	0,286
CHR8	4293677	CHR8:4293677	SSF x LoA	-8,248	-0,168	0,277
CHR8	4293695	CHR8:4293695	SSF x LoA	-7,864	0,162	0,292
CHR8	4293740	CHR8:4293740	SSF x LoA	-2,410	-0,211	0,284
CHR8	4293793	CHR8:4293793	SSF x LoA	1,928	0,237	0,268
CHR8	4298894	CHR8:4298894	SSF x LoA	-8,848	-0,078	0,289
CHR8	4310592	CHR8:4310592	SSF x LoA	-8,133	0,022	0,291
CHR8	4310724	CHR8:4310724	SSF x LoA	-8,332	-0,050	0,294
CHR8	4315107	CHR8:4315107	SSF x LoA	-8,650	0,117	0,283
CHR8	4315159	CHR8:4315159	SSF x LoA	-4,852	-0,009	0,298
CHR8	4319583	CHR8:4319583	SSF x LoA	-6,040	-0,132	0,289
CHR8	4319666	CHR8:4319666	SSF x LoA	-6,718	0,001	0,299
CHR8	4319671	CHR8:4319671	SSF x LoA	-10,737	0,034	0,296
CHR8	4319713	CHR8:4319713	SSF x LoA	-7,494	0,115	0,285
CHR8	4320975	CHR8:4320975	SSF x LoA	-8,841	-0,006	0,293
CHR8	4321124	CHR8:4321124	SSF x LoA	-9,851	0,034	0,292
CHR8	4321202	CHR8:4321202	SSF x LoA	-2,718	-0,078	0,289
CHR8	4342840	CHR8:4342840	SSF x LoA	-10,951	-0,037	0,285
CHR8	4342996	CHR8:4342996	SSF x LoA	-9,950	0,035	0,294
CHR8	4343134	CHR8:4343134	SSF x LoA	-5,836	0,028	0,276
CHR8	4344151	CHR8:4344151	SSF x LoA	-8,901	0,014	0,286
CHR8	4346383	CHR8:4346383	SSF x LoA	-8,208	0,135	0,293
CHR8	4346399	CHR8:4346399	SSF x LoA	-10,396	0,020	0,304
CHR8	4353489	CHR8:4353489	SSF x LoA	-10,734	-0,083	0,285
CHR8	4353762	CHR8:4353762	SSF x LoA	-6,940	0,023	0,284
CHR8	4355710	CHR8:4355710	SSF x LoA	-6,660	-0,080	0,304
CHR8	4355737	CHR8:4355737	SSF x LoA	-7,238	-0,218	0,263
CHR8	4363017	CHR8:4363017	SSF x LoA	-8,196	0,041	0,293
CHR8	4363019	CHR8:4363019	SSF x LoA	-7,918	-0,075	0,300
CHR8	4363036	CHR8:4363036	SSF x LoA	-6,518	-0,151	0,284
CHR8	4363119	CHR8:4363119	SSF x LoA	-2,466	-0,051	0,301
CHR8	4363143	CHR8:4363143	SSF x LoA	-7,947	0,109	0,285
CHR8	4363191	CHR8:4363191	SSF x LoA	-9,419	-0,090	0,284
CHR8	4363210	CHR8:4363210	SSF x LoA	-9,566	0,097	0,283
CHR8	4366326	CHR8:4366326	SSF x LoA	-9,122	-0,072	0,273
CHR8	4366345	CHR8:4366345	SSF x LoA	-8,806	0,087	0,286
CHR8	4366357	CHR8:4366357	SSF x LoA	-9,460	-0,070	0,285
CHR8	4366376	CHR8:4366376	SSF x LoA	-8,889	-0,096	0,288
CHR8	4366480	CHR8:4366480	SSF x LoA	-9,084	-0,083	0,275
CHR8	4379228	CHR8:4379228	SSF x LoA	-9,573	0,048	0,295
CHR8	4379249	CHR8:4379249	SSF x LoA	-7,768	0,060	0,297
CHR8	4379264	CHR8:4379264	SSF x LoA	-9,691	0,056	0,297
CHR8	4379385	CHR8:4379385	SSF x LoA	-7,708	-0,038	0,288

CHR8	4393332	CHR8:4393332	SSF x LoA	-9,350	0,020	0,300
CHR8	4393334	CHR8:4393334	SSF x LoA	-6,295	0,022	0,293
CHR8	4393348	CHR8:4393348	SSF x LoA	-10,285	0,012	0,282
CHR8	4393579	CHR8:4393579	SSF x LoA	-6,258	-0,154	0,280
CHR8	4393583	CHR8:4393583	SSF x LoA	-11,132	-0,118	0,288
CHR8	4393593	CHR8:4393593	SSF x LoA	-7,117	-0,180	0,266
CHR8	4393600	CHR8:4393600	SSF x LoA	-3,715	-0,046	0,278
CHR8	4404057	CHR8:4404057	SSF x LoA	-9,312	0,002	0,285
CHR8	4407389	CHR8:4407389	SSF x LoA	-2,069	-0,146	0,295
CHR8	4407420	CHR8:4407420	SSF x LoA	-7,507	0,008	0,298
CHR8	4407443	CHR8:4407443	SSF x LoA	-7,535	0,028	0,299
CHR8	4407547	CHR8:4407547	SSF x LoA	-7,597	-0,175	0,281
CHR8	4430301	CHR8:4430301	SSF x LoA	-9,803	-0,037	0,299
CHR8	443303	CHR8:443303	SSF x LoA	-1,317	-0,118	0,287
CHR8	443330	CHR8:443330	SSF x LoA	-9,666	-0,009	0,290
CHR8	4444760	CHR8:4444760	SSF x LoA	-7,909	-0,122	0,286
CHR8	444925	CHR8:444925	SSF x LoA	-7,626	0,144	0,285
CHR8	4456752	CHR8:4456752	SSF x LoA	-4,034	-0,181	0,271
CHR8	4467719	CHR8:4467719	SSF x LoA	-9,427	-0,034	0,295
CHR8	4467829	CHR8:4467829	SSF x LoA	-8,718	0,031	0,298
CHR8	4467882	CHR8:4467882	SSF x LoA	-7,788	0,089	0,294
CHR8	4468074	CHR8:4468074	SSF x LoA	-7,546	0,122	0,276
CHR8	4484644	CHR8:4484644	SSF x LoA	-9,250	0,139	0,279
CHR8	4484645	CHR8:4484645	SSF x LoA	-1,840	0,120	0,298
CHR8	4484646	CHR8:4484646	SSF x LoA	-9,181	0,082	0,286
CHR8	4495391	CHR8:4495391	SSF x LoA	-10,507	-0,015	0,297
CHR8	4495446	CHR8:4495446	SSF x LoA	-10,935	-0,013	0,285
CHR8	4495451	CHR8:4495451	SSF x LoA	-8,666	0,119	0,285
CHR8	4495543	CHR8:4495543	SSF x LoA	-9,146	0,085	0,289
CHR8	4495585	CHR8:4495585	SSF x LoA	-9,475	0,056	0,288
CHR8	4522196	CHR8:4522196	SSF x LoA	-2,303	0,075	0,287
CHR8	4522213	CHR8:4522213	SSF x LoA	-9,684	0,025	0,310
CHR8	4522223	CHR8:4522223	SSF x LoA	-8,871	0,029	0,278
CHR8	4522248	CHR8:4522248	SSF x LoA	-8,813	0,062	0,281
CHR8	4522269	CHR8:4522269	SSF x LoA	2,001	0,195	0,278
CHR8	4522273	CHR8:4522273	SSF x LoA	-10,014	-0,031	0,296
CHR8	4522311	CHR8:4522311	SSF x LoA	-11,007	0,016	0,273
CHR8	4522351	CHR8:4522351	SSF x LoA	-9,997	-0,024	0,288
CHR8	4522497	CHR8:4522497	SSF x LoA	-8,386	0,003	0,297
CHR8	4533634	CHR8:4533634	SSF x LoA	-10,029	-0,011	0,291
CHR8	4541796	CHR8:4541796	SSF x LoA	-1,961	-0,030	0,296
CHR8	4553920	CHR8:4553920	SSF x LoA	-8,336	-0,021	0,297
CHR8	4553972	CHR8:4553972	SSF x LoA	-10,195	-0,127	0,289
CHR8	4553984	CHR8:4553984	SSF x LoA	-9,997	-0,126	0,282
CHR8	4554080	CHR8:4554080	SSF x LoA	-8,118	-0,030	0,290
CHR8	461048	CHR8:461048	SSF x LoA	-7,452	-0,084	0,304
CHR8	461186	CHR8:461186	SSF x LoA	-7,967	0,073	0,282
CHR8	4613183	CHR8:4613183	SSF x LoA	-9,340	-0,041	0,306
CHR8	4630454	CHR8:4630454	SSF x LoA	-8,394	-0,068	0,291
CHR8	4630534	CHR8:4630534	SSF x LoA	-10,041	-0,029	0,300
CHR8	4630539	CHR8:4630539	SSF x LoA	-7,564	-0,055	0,299
CHR8	4630540	CHR8:4630540	SSF x LoA	-9,306	-0,022	0,320
CHR8	4630580	CHR8:4630580	SSF x LoA	-9,180	-0,030	0,303

CHR8	4632667	CHR8:4632667	SSF x LoA	-8,073	-0,085	0,286
CHR8	4632675	CHR8:4632675	SSF x LoA	-7,918	-0,034	0,295
CHR8	4644990	CHR8:4644990	SSF x LoA	-3,035	0,208	0,281
CHR8	4645011	CHR8:4645011	SSF x LoA	-6,397	0,222	0,259
CHR8	4686360	CHR8:4686360	SSF x LoA	-7,077	0,149	0,284
CHR8	4693407	CHR8:4693407	SSF x LoA	-8,972	0,084	0,286
CHR8	4693458	CHR8:4693458	SSF x LoA	-8,015	0,029	0,285
CHR8	4693499	CHR8:4693499	SSF x LoA	-5,213	0,195	0,268
CHR8	4693562	CHR8:4693562	SSF x LoA	-9,306	-0,009	0,284
CHR8	4693577	CHR8:4693577	SSF x LoA	-9,925	-0,029	0,281
CHR8	4693587	CHR8:4693587	SSF x LoA	-8,953	-0,050	0,292
CHR8	4711979	CHR8:4711979	SSF x LoA	-8,623	-0,039	0,307
CHR8	4712004	CHR8:4712004	SSF x LoA	-7,573	-0,043	0,292
CHR8	4712148	CHR8:4712148	SSF x LoA	-7,891	0,020	0,301
CHR8	4712178	CHR8:4712178	SSF x LoA	-0,727	-0,098	0,281
CHR8	4712180	CHR8:4712180	SSF x LoA	-10,076	-0,001	0,282
CHR8	4712189	CHR8:4712189	SSF x LoA	-9,072	-0,005	0,298
CHR8	4712208	CHR8:4712208	SSF x LoA	-11,064	-0,052	0,279
CHR8	4712217	CHR8:4712217	SSF x LoA	-7,939	0,060	0,256
CHR8	4712229	CHR8:4712229	SSF x LoA	-8,657	0,071	0,264
CHR8	4712255	CHR8:4712255	SSF x LoA	-8,693	0,002	0,274
CHR8	4731847	CHR8:4731847	SSF x LoA	-5,042	0,155	0,286
CHR8	4733062	CHR8:4733062	SSF x LoA	-6,222	0,237	0,270
CHR8	4733154	CHR8:4733154	SSF x LoA	-6,911	0,148	0,287
CHR8	4734140	CHR8:4734140	SSF x LoA	-10,853	-0,018	0,291
CHR8	4734149	CHR8:4734149	SSF x LoA	-10,789	-0,003	0,294
CHR8	4734203	CHR8:4734203	SSF x LoA	-8,446	-0,047	0,283
CHR8	4735373	CHR8:4735373	SSF x LoA	-11,118	0,005	0,280
CHR8	4760908	CHR8:4760908	SSF x LoA	-11,372	0,016	0,293
CHR8	4760962	CHR8:4760962	SSF x LoA	-5,841	-0,029	0,302
CHR8	4767289	CHR8:4767289	SSF x LoA	-4,870	-0,164	0,294
CHR8	4768573	CHR8:4768573	SSF x LoA	-10,583	0,055	0,285
CHR8	4768618	CHR8:4768618	SSF x LoA	-5,299	-0,100	0,306
CHR8	4768628	CHR8:4768628	SSF x LoA	-7,301	-0,094	0,300
CHR8	4770640	CHR8:4770640	SSF x LoA	-9,793	0,000	0,303
CHR8	4771478	CHR8:4771478	SSF x LoA	-7,938	-0,048	0,291
CHR8	4772102	CHR8:4772102	SSF x LoA	-10,202	0,020	0,287
CHR8	4786180	CHR8:4786180	SSF x LoA	-11,230	-0,022	0,287
CHR8	4786314	CHR8:4786314	SSF x LoA	-9,175	-0,051	0,289
CHR8	4786383	CHR8:4786383	SSF x LoA	-5,674	0,011	0,287
CHR8	4786388	CHR8:4786388	SSF x LoA	-8,149	0,017	0,283
CHR8	479008	CHR8:479008	SSF x LoA	-9,314	0,022	0,301
CHR8	479020	CHR8:479020	SSF x LoA	-7,421	0,092	0,291
CHR8	479127	CHR8:479127	SSF x LoA	-5,517	-0,148	0,288
CHR8	4796595	CHR8:4796595	SSF x LoA	-7,946	0,002	0,287
CHR8	4796673	CHR8:4796673	SSF x LoA	-9,802	0,022	0,292
CHR8	4796728	CHR8:4796728	SSF x LoA	-8,958	0,015	0,285
CHR8	4796802	CHR8:4796802	SSF x LoA	-8,024	0,071	0,289
CHR8	4802400	CHR8:4802400	SSF x LoA	-8,626	-0,123	0,293
CHR8	4802406	CHR8:4802406	SSF x LoA	-8,848	-0,005	0,300
CHR8	4802443	CHR8:4802443	SSF x LoA	-6,383	0,169	0,298
CHR8	4802447	CHR8:4802447	SSF x LoA	-9,007	0,118	0,277
CHR8	4802480	CHR8:4802480	SSF x LoA	-6,714	-0,132	0,285

CHR8	4802608	CHR8:4802608	SSF x LoA	-8,717	0,001	0,279
CHR8	4802619	CHR8:4802619	SSF x LoA	-6,459	0,042	0,287
CHR8	4802678	CHR8:4802678	SSF x LoA	-6,691	0,015	0,299
CHR8	4824386	CHR8:4824386	SSF x LoA	-9,198	-0,032	0,288
CHR8	4824548	CHR8:4824548	SSF x LoA	-9,087	0,048	0,285
CHR8	4831356	CHR8:4831356	SSF x LoA	-8,425	0,091	0,284
CHR8	4837161	CHR8:4837161	SSF x LoA	-8,428	0,094	0,293
CHR8	4837176	CHR8:4837176	SSF x LoA	-8,011	0,025	0,275
CHR8	4837638	CHR8:4837638	SSF x LoA	-7,392	0,076	0,284
CHR8	4865979	CHR8:4865979	SSF x LoA	-9,149	-0,089	0,288
CHR8	4866005	CHR8:4866005	SSF x LoA	-8,715	-0,038	0,297
CHR8	4866042	CHR8:4866042	SSF x LoA	-9,867	0,084	0,286
CHR8	4866076	CHR8:4866076	SSF x LoA	-6,288	-0,058	0,292
CHR8	4866082	CHR8:4866082	SSF x LoA	-8,514	-0,088	0,296
CHR8	4868010	CHR8:4868010	SSF x LoA	-7,184	0,076	0,303
CHR8	4868098	CHR8:4868098	SSF x LoA	-9,623	-0,008	0,292
CHR8	4868099	CHR8:4868099	SSF x LoA	-11,091	-0,009	0,278
CHR8	4868117	CHR8:4868117	SSF x LoA	-10,566	-0,022	0,292
CHR8	4873021	CHR8:4873021	SSF x LoA	-11,306	-0,001	0,284
CHR8	4878033	CHR8:4878033	SSF x LoA	-7,463	0,067	0,298
CHR8	4886898	CHR8:4886898	SSF x LoA	-8,454	-0,107	0,284
CHR8	4894135	CHR8:4894135	SSF x LoA	-11,619	0,008	0,276
CHR8	4900522	CHR8:4900522	SSF x LoA	-9,862	-0,066	0,287
CHR8	4900639	CHR8:4900639	SSF x LoA	-8,817	-0,008	0,291
CHR8	4900645	CHR8:4900645	SSF x LoA	-9,639	0,022	0,293
CHR8	4900651	CHR8:4900651	SSF x LoA	-7,606	0,020	0,304
CHR8	4900656	CHR8:4900656	SSF x LoA	-8,996	0,030	0,304
CHR8	4900680	CHR8:4900680	SSF x LoA	-8,430	-0,136	0,288
CHR8	4900720	CHR8:4900720	SSF x LoA	-9,198	0,016	0,291
CHR8	4903148	CHR8:4903148	SSF x LoA	-7,885	-0,082	0,284
CHR8	4909925	CHR8:4909925	SSF x LoA	-10,640	0,011	0,285
CHR8	4909938	CHR8:4909938	SSF x LoA	-9,881	-0,022	0,286
CHR8	4909986	CHR8:4909986	SSF x LoA	-8,025	0,110	0,304
CHR8	4910756	CHR8:4910756	SSF x LoA	-8,388	0,040	0,271
CHR8	4910944	CHR8:4910944	SSF x LoA	-8,293	0,041	0,293
CHR8	4916538	CHR8:4916538	SSF x LoA	-8,926	-0,049	0,293
CHR8	4916602	CHR8:4916602	SSF x LoA	-8,342	-0,013	0,290
CHR8	4916692	CHR8:4916692	SSF x LoA	-8,497	0,056	0,274
CHR8	4929729	CHR8:4929729	SSF x LoA	-8,707	-0,024	0,291
CHR8	4929779	CHR8:4929779	SSF x LoA	-11,374	-0,053	0,282
CHR8	4929878	CHR8:4929878	SSF x LoA	-8,918	-0,040	0,276
CHR8	4936340	CHR8:4936340	SSF x LoA	-7,892	-0,058	0,300
CHR8	4936357	CHR8:4936357	SSF x LoA	-10,468	-0,113	0,281
CHR8	4936381	CHR8:4936381	SSF x LoA	-9,830	-0,068	0,295
CHR8	4936430	CHR8:4936430	SSF x LoA	-4,662	0,167	0,295
CHR8	4938477	CHR8:4938477	SSF x LoA	-10,467	-0,038	0,285
CHR8	4938549	CHR8:4938549	SSF x LoA	-6,005	0,097	0,289
CHR8	4938627	CHR8:4938627	SSF x LoA	-8,824	0,025	0,283
CHR8	4961288	CHR8:4961288	SSF x LoA	-11,261	0,059	0,279
CHR8	4962841	CHR8:4962841	SSF x LoA	-9,718	0,121	0,282
CHR8	496366	CHR8:496366	SSF x LoA	-7,463	0,062	0,294
CHR8	4966590	CHR8:4966590	SSF x LoA	-8,628	-0,061	0,293
CHR8	4966623	CHR8:4966623	SSF x LoA	-9,089	0,100	0,297

CHR8	4966641	CHR8:4966641	SSF x LoA	-7,352	0,036	0,298
CHR8	4988065	CHR8:4988065	SSF x LoA	-7,898	-0,045	0,294
CHR8	4988176	CHR8:4988176	SSF x LoA	-11,679	-0,003	0,292
CHR8	4988351	CHR8:4988351	SSF x LoA	-9,275	-0,022	0,273
CHR8	5001829	CHR8:5001829	SSF x LoA	-6,884	0,113	0,298
CHR8	5023812	CHR8:5023812	SSF x LoA	-8,488	0,086	0,286
CHR8	5025286	CHR8:5025286	SSF x LoA	-8,645	-0,089	0,277
CHR8	5025459	CHR8:5025459	SSF x LoA	-10,604	0,000	0,290
CHR8	5032735	CHR8:5032735	SSF x LoA	-8,240	-0,069	0,280
CHR8	5032817	CHR8:5032817	SSF x LoA	-8,011	-0,083	0,283
CHR8	5032825	CHR8:5032825	SSF x LoA	-8,496	-0,101	0,274
CHR8	5037324	CHR8:5037324	SSF x LoA	-9,567	-0,078	0,283
CHR8	5037414	CHR8:5037414	SSF x LoA	-10,429	0,026	0,282
CHR8	5037471	CHR8:5037471	SSF x LoA	-8,539	-0,150	0,290
CHR8	5037507	CHR8:5037507	SSF x LoA	-8,888	0,080	0,270
CHR8	5037551	CHR8:5037551	SSF x LoA	-2,905	-0,084	0,294
CHR8	5037697	CHR8:5037697	SSF x LoA	-9,367	-0,112	0,293
CHR8	505589	CHR8:505589	SSF x LoA	-10,976	-0,021	0,286
CHR8	5074300	CHR8:5074300	SSF x LoA	-7,213	-0,131	0,275
CHR8	5086193	CHR8:5086193	SSF x LoA	-8,772	0,113	0,293
CHR8	5110121	CHR8:5110121	SSF x LoA	-9,585	-0,040	0,285
CHR8	5110243	CHR8:5110243	SSF x LoA	-7,901	-0,054	0,300
CHR8	5110325	CHR8:5110325	SSF x LoA	-8,529	-0,092	0,278
CHR8	5115057	CHR8:5115057	SSF x LoA	-10,330	-0,040	0,290
CHR8	5115089	CHR8:5115089	SSF x LoA	-9,201	-0,051	0,300
CHR8	5117624	CHR8:5117624	SSF x LoA	-7,456	-0,145	0,279
CHR8	5117626	CHR8:5117626	SSF x LoA	-7,681	0,132	0,305
CHR8	5117748	CHR8:5117748	SSF x LoA	-9,445	0,055	0,287
CHR8	511861	CHR8:511861	SSF x LoA	-5,624	0,194	0,280
CHR8	511961	CHR8:511961	SSF x LoA	-7,308	0,138	0,293
CHR8	5152937	CHR8:5152937	SSF x LoA	-7,660	0,031	0,290
CHR8	5155819	CHR8:5155819	SSF x LoA	-7,323	0,033	0,278
CHR8	5219944	CHR8:5219944	SSF x LoA	-9,170	-0,119	0,287
CHR8	5263032	CHR8:5263032	SSF x LoA	-5,096	-0,089	0,280
CHR8	5309238	CHR8:5309238	SSF x LoA	-7,506	-0,003	0,291
CHR8	5309247	CHR8:5309247	SSF x LoA	-10,229	-0,029	0,285
CHR8	5309248	CHR8:5309248	SSF x LoA	-9,416	-0,051	0,282
CHR8	5309258	CHR8:5309258	SSF x LoA	-9,466	0,068	0,277
CHR8	5309291	CHR8:5309291	SSF x LoA	-7,789	-0,035	0,293
CHR8	5336254	CHR8:5336254	SSF x LoA	-8,478	-0,066	0,290
CHR8	5336303	CHR8:5336303	SSF x LoA	-6,873	-0,026	0,284
CHR8	5355500	CHR8:5355500	SSF x LoA	-8,561	-0,025	0,289
CHR8	5355692	CHR8:5355692	SSF x LoA	-9,418	0,032	0,287
CHR8	5400321	CHR8:5400321	SSF x LoA	-7,284	-0,044	0,289
CHR8	5400347	CHR8:5400347	SSF x LoA	-11,633	-0,027	0,290
CHR8	5423963	CHR8:5423963	SSF x LoA	-6,676	0,115	0,283
CHR8	5423964	CHR8:5423964	SSF x LoA	-8,981	0,107	0,277
CHR8	5424027	CHR8:5424027	SSF x LoA	-8,196	0,090	0,288
CHR8	5454611	CHR8:5454611	SSF x LoA	-8,204	0,098	0,282
CHR8	5454668	CHR8:5454668	SSF x LoA	-8,049	0,021	0,304
CHR8	5458914	CHR8:5458914	SSF x LoA	-1,992	0,100	0,292
CHR8	5471064	CHR8:5471064	SSF x LoA	-8,422	0,010	0,293
CHR8	5471106	CHR8:5471106	SSF x LoA	-4,587	-0,166	0,279

CHR8	5471329	CHR8:5471329	SSF x LoA	-9,800	-0,080	0,291
CHR8	5481580	CHR8:5481580	SSF x LoA	-5,681	-0,257	0,273
CHR8	5481600	CHR8:5481600	SSF x LoA	-8,999	-0,075	0,281
CHR8	5482986	CHR8:5482986	SSF x LoA	-8,768	0,035	0,274
CHR8	5483082	CHR8:5483082	SSF x LoA	-8,807	0,042	0,302
CHR8	5483097	CHR8:5483097	SSF x LoA	-9,836	-0,044	0,292
CHR8	5483127	CHR8:5483127	SSF x LoA	-6,810	-0,030	0,275
CHR8	5483146	CHR8:5483146	SSF x LoA	-5,966	-0,175	0,296
CHR8	5483155	CHR8:5483155	SSF x LoA	-9,038	0,002	0,287
CHR8	5483219	CHR8:5483219	SSF x LoA	-7,105	-0,020	0,298
CHR8	5484144	CHR8:5484144	SSF x LoA	-8,186	-0,103	0,295
CHR8	5484350	CHR8:5484350	SSF x LoA	-11,000	-0,014	0,271
CHR8	5495413	CHR8:5495413	SSF x LoA	-8,539	-0,050	0,281
CHR8	5495476	CHR8:5495476	SSF x LoA	-7,834	-0,138	0,297
CHR8	5495489	CHR8:5495489	SSF x LoA	-7,680	0,000	0,299
CHR8	5495499	CHR8:5495499	SSF x LoA	-8,127	-0,091	0,283
CHR8	5503340	CHR8:5503340	SSF x LoA	-6,178	0,135	0,283
CHR8	5503344	CHR8:5503344	SSF x LoA	-9,754	-0,012	0,291
CHR8	5526048	CHR8:5526048	SSF x LoA	-10,826	0,025	0,285
CHR8	5526144	CHR8:5526144	SSF x LoA	-6,406	0,111	0,301
CHR8	5526152	CHR8:5526152	SSF x LoA	-10,687	-0,028	0,289
CHR8	5526215	CHR8:5526215	SSF x LoA	-8,947	0,000	0,282
CHR8	5531030	CHR8:5531030	SSF x LoA	-9,356	-0,070	0,283
CHR8	5539426	CHR8:5539426	SSF x LoA	-8,742	0,062	0,278
CHR8	5539430	CHR8:5539430	SSF x LoA	-6,957	0,124	0,285
CHR8	5539479	CHR8:5539479	SSF x LoA	-8,976	-0,024	0,289
CHR8	5539497	CHR8:5539497	SSF x LoA	-6,645	-0,129	0,286
CHR8	5544842	CHR8:5544842	SSF x LoA	1,594	-0,094	0,293
CHR8	5564298	CHR8:5564298	SSF x LoA	-9,255	0,035	0,303
CHR8	5574806	CHR8:5574806	SSF x LoA	-8,152	0,078	0,288
CHR8	5574808	CHR8:5574808	SSF x LoA	-9,371	-0,030	0,289
CHR8	5576878	CHR8:5576878	SSF x LoA	-10,748	0,067	0,289
CHR8	5576892	CHR8:5576892	SSF x LoA	-7,171	-0,097	0,284
CHR8	5583361	CHR8:5583361	SSF x LoA	-8,726	-0,138	0,274
CHR8	5583385	CHR8:5583385	SSF x LoA	-9,265	-0,072	0,271
CHR8	5585556	CHR8:5585556	SSF x LoA	-7,558	0,131	0,292
CHR8	5585558	CHR8:5585558	SSF x LoA	-4,492	-0,183	0,282
CHR8	5585574	CHR8:5585574	SSF x LoA	-4,446	-0,233	0,292
CHR8	5585575	CHR8:5585575	SSF x LoA	-10,597	0,028	0,288
CHR8	5591440	CHR8:5591440	SSF x LoA	-7,536	-0,056	0,305
CHR8	5597384	CHR8:5597384	SSF x LoA	-7,348	-0,126	0,288
CHR8	5597433	CHR8:5597433	SSF x LoA	-6,116	0,191	0,288
CHR8	5597440	CHR8:5597440	SSF x LoA	-7,382	0,122	0,283
CHR8	5597581	CHR8:5597581	SSF x LoA	-7,501	0,066	0,275
CHR8	5598581	CHR8:5598581	SSF x LoA	-10,243	-0,005	0,286
CHR8	5598652	CHR8:5598652	SSF x LoA	-9,033	-0,146	0,284
CHR8	5601792	CHR8:5601792	SSF x LoA	-10,354	-0,137	0,278
CHR8	5602369	CHR8:5602369	SSF x LoA	-8,356	-0,073	0,288
CHR8	5626095	CHR8:5626095	SSF x LoA	-9,708	-0,052	0,288
CHR8	5626196	CHR8:5626196	SSF x LoA	-10,239	-0,073	0,292
CHR8	5626199	CHR8:5626199	SSF x LoA	-9,941	-0,101	0,280
CHR8	5627839	CHR8:5627839	SSF x LoA	-6,501	-0,146	0,278
CHR8	5627929	CHR8:5627929	SSF x LoA	-9,469	-0,034	0,282

CHR8	5633953	CHR8:5633953	SSF x LoA	-9,857	-0,085	0,289
CHR8	5637219	CHR8:5637219	SSF x LoA	-7,084	-0,048	0,274
CHR8	5653250	CHR8:5653250	SSF x LoA	-7,169	0,109	0,293
CHR8	5653314	CHR8:5653314	SSF x LoA	-6,499	-0,001	0,297
CHR8	5653492	CHR8:5653492	SSF x LoA	-9,367	-0,140	0,279
CHR8	5659846	CHR8:5659846	SSF x LoA	-9,380	-0,018	0,293
CHR8	5659851	CHR8:5659851	SSF x LoA	-9,380	0,030	0,296
CHR8	5659944	CHR8:5659944	SSF x LoA	-9,894	-0,033	0,311
CHR8	5659961	CHR8:5659961	SSF x LoA	-9,383	0,029	0,290
CHR8	5659978	CHR8:5659978	SSF x LoA	-8,407	-0,010	0,297
CHR8	566685	CHR8:566685	SSF x LoA	-7,343	-0,020	0,302
CHR8	566752	CHR8:566752	SSF x LoA	-8,655	0,004	0,301
CHR8	5679584	CHR8:5679584	SSF x LoA	-9,100	-0,006	0,302
CHR8	5679600	CHR8:5679600	SSF x LoA	-10,617	0,004	0,293
CHR8	5679700	CHR8:5679700	SSF x LoA	-8,417	-0,001	0,292
CHR8	5679738	CHR8:5679738	SSF x LoA	-8,744	0,055	0,291
CHR8	5679754	CHR8:5679754	SSF x LoA	-4,102	0,093	0,287
CHR8	5679806	CHR8:5679806	SSF x LoA	-7,893	-0,006	0,283
CHR8	5679951	CHR8:5679951	SSF x LoA	-8,297	-0,124	0,289
CHR8	5691285	CHR8:5691285	SSF x LoA	-8,668	0,117	0,274
CHR8	5692731	CHR8:5692731	SSF x LoA	-6,190	0,090	0,278
CHR8	5692814	CHR8:5692814	SSF x LoA	-1,748	-0,152	0,288
CHR8	5692821	CHR8:5692821	SSF x LoA	-3,055	-0,216	0,274
CHR8	5702489	CHR8:5702489	SSF x LoA	-9,736	0,053	0,298
CHR8	5702490	CHR8:5702490	SSF x LoA	-0,892	-0,114	0,285
CHR8	5702530	CHR8:5702530	SSF x LoA	-10,005	-0,105	0,274
CHR8	5702591	CHR8:5702591	SSF x LoA	-5,131	0,022	0,294
CHR8	5702690	CHR8:5702690	SSF x LoA	-6,897	-0,110	0,282
CHR8	5702706	CHR8:5702706	SSF x LoA	-8,191	-0,097	0,290
CHR8	5702716	CHR8:5702716	SSF x LoA	-8,119	-0,096	0,286
CHR8	571259	CHR8:571259	SSF x LoA	-10,453	-0,082	0,290
CHR8	5716063	CHR8:5716063	SSF x LoA	-7,569	0,115	0,269
CHR8	5716141	CHR8:5716141	SSF x LoA	-8,478	0,076	0,269
CHR8	5716157	CHR8:5716157	SSF x LoA	-5,902	0,145	0,292
CHR8	5839387	CHR8:5839387	SSF x LoA	-6,527	0,125	0,286
CHR8	5839460	CHR8:5839460	SSF x LoA	-10,049	-0,037	0,281
CHR8	5840761	CHR8:5840761	SSF x LoA	-8,290	0,060	0,279
CHR8	5840772	CHR8:5840772	SSF x LoA	0,668	0,073	0,288
CHR8	5873616	CHR8:5873616	SSF x LoA	-8,887	-0,020	0,295
CHR8	5878946	CHR8:5878946	SSF x LoA	-6,991	0,036	0,307
CHR8	5893140	CHR8:5893140	SSF x LoA	-9,877	-0,043	0,290
CHR8	5893152	CHR8:5893152	SSF x LoA	-4,102	0,081	0,292
CHR8	5893285	CHR8:5893285	SSF x LoA	-4,968	0,124	0,287
CHR8	5893483	CHR8:5893483	SSF x LoA	-9,647	0,103	0,287
CHR8	5893485	CHR8:5893485	SSF x LoA	-9,782	0,114	0,277
CHR8	5893554	CHR8:5893554	SSF x LoA	-9,901	0,098	0,298
CHR8	5907577	CHR8:5907577	SSF x LoA	-11,679	-0,021	0,275
CHR8	5907599	CHR8:5907599	SSF x LoA	-9,197	0,030	0,282
CHR8	5907625	CHR8:5907625	SSF x LoA	-8,653	-0,021	0,300
CHR8	5907899	CHR8:5907899	SSF x LoA	-9,778	0,026	0,290
CHR8	5927741	CHR8:5927741	SSF x LoA	-9,945	-0,142	0,273
CHR8	5927756	CHR8:5927756	SSF x LoA	-7,709	0,085	0,307
CHR8	5937035	CHR8:5937035	SSF x LoA	-6,538	-0,025	0,294

CHR8	5937062	CHR8:5937062	SSF x LoA	-9,569	-0,002	0,295
CHR8	5937136	CHR8:5937136	SSF x LoA	-9,334	-0,120	0,292
CHR8	5937184	CHR8:5937184	SSF x LoA	-8,401	-0,059	0,290
CHR8	5948309	CHR8:5948309	SSF x LoA	-11,511	-0,004	0,288
CHR8	5963827	CHR8:5963827	SSF x LoA	-8,761	0,039	0,291
CHR8	5963873	CHR8:5963873	SSF x LoA	-5,979	-0,186	0,279
CHR8	5963995	CHR8:5963995	SSF x LoA	-9,184	0,078	0,281
CHR8	5964003	CHR8:5964003	SSF x LoA	-8,806	0,038	0,298
CHR8	5985719	CHR8:5985719	SSF x LoA	-11,212	0,072	0,285
CHR8	5985731	CHR8:5985731	SSF x LoA	-7,416	-0,036	0,290
CHR8	5985804	CHR8:5985804	SSF x LoA	-7,261	-0,127	0,277
CHR8	5985852	CHR8:5985852	SSF x LoA	-8,813	0,068	0,298
CHR8	5985915	CHR8:5985915	SSF x LoA	-8,222	-0,057	0,297
CHR8	5985961	CHR8:5985961	SSF x LoA	-8,626	0,080	0,298
CHR8	5993072	CHR8:5993072	SSF x LoA	-11,076	-0,074	0,287
CHR8	5993209	CHR8:5993209	SSF x LoA	-10,414	-0,022	0,285
CHR8	5993375	CHR8:5993375	SSF x LoA	-9,662	-0,048	0,302
CHR8	5995187	CHR8:5995187	SSF x LoA	-4,986	0,123	0,304
CHR8	5995217	CHR8:5995217	SSF x LoA	-10,233	-0,012	0,286
CHR8	5995243	CHR8:5995243	SSF x LoA	-6,827	0,059	0,307
CHR8	5995249	CHR8:5995249	SSF x LoA	-9,852	-0,006	0,295
CHR8	6003535	CHR8:6003535	SSF x LoA	-10,473	-0,001	0,289
CHR8	6003612	CHR8:6003612	SSF x LoA	-9,786	-0,054	0,301
CHR8	6004136	CHR8:6004136	SSF x LoA	-11,276	-0,042	0,286
CHR8	6005035	CHR8:6005035	SSF x LoA	-7,962	0,033	0,277
CHR8	6005374	CHR8:6005374	SSF x LoA	-8,520	-0,031	0,293
CHR8	6005382	CHR8:6005382	SSF x LoA	-7,326	-0,055	0,310
CHR8	6005397	CHR8:6005397	SSF x LoA	-9,962	0,095	0,284
CHR8	6013440	CHR8:6013440	SSF x LoA	-5,950	0,128	0,295
CHR8	6014817	CHR8:6014817	SSF x LoA	-8,678	0,038	0,278
CHR8	6033041	CHR8:6033041	SSF x LoA	-9,258	-0,088	0,293
CHR8	6033086	CHR8:6033086	SSF x LoA	-9,531	0,033	0,285
CHR8	6036931	CHR8:6036931	SSF x LoA	-9,033	-0,065	0,297
CHR8	6036978	CHR8:6036978	SSF x LoA	-9,999	-0,065	0,291
CHR8	6049738	CHR8:6049738	SSF x LoA	-11,047	0,050	0,295
CHR8	6049785	CHR8:6049785	SSF x LoA	-8,951	-0,058	0,285
CHR8	6063622	CHR8:6063622	SSF x LoA	-9,979	-0,047	0,300
CHR8	6063637	CHR8:6063637	SSF x LoA	-5,055	0,157	0,268
CHR8	6063741	CHR8:6063741	SSF x LoA	-7,870	-0,015	0,296
CHR8	6063843	CHR8:6063843	SSF x LoA	-8,957	0,061	0,284
CHR8	6066982	CHR8:6066982	SSF x LoA	-11,799	0,044	0,287
CHR8	6068120	CHR8:6068120	SSF x LoA	-8,206	-0,045	0,285
CHR8	6068141	CHR8:6068141	SSF x LoA	-6,489	0,115	0,292
CHR8	6068179	CHR8:6068179	SSF x LoA	-7,592	-0,083	0,304
CHR8	6068248	CHR8:6068248	SSF x LoA	-8,168	-0,003	0,287
CHR8	6068266	CHR8:6068266	SSF x LoA	-8,673	-0,024	0,301
CHR8	6068281	CHR8:6068281	SSF x LoA	-8,540	-0,013	0,282
CHR8	6068306	CHR8:6068306	SSF x LoA	-7,091	0,015	0,276
CHR8	6083070	CHR8:6083070	SSF x LoA	-8,347	-0,013	0,291
CHR8	6086349	CHR8:6086349	SSF x LoA	-8,755	0,191	0,276
CHR8	6086503	CHR8:6086503	SSF x LoA	-9,642	0,008	0,293
CHR8	6086508	CHR8:6086508	SSF x LoA	-8,563	0,014	0,292
CHR8	6088508	CHR8:6088508	SSF x LoA	-11,342	-0,010	0,278

CHR8	6096218	CHR8:6096218	SSF x LoA	-10,988	0,059	0,306
CHR8	6096305	CHR8:6096305	SSF x LoA	-6,286	-0,008	0,302
CHR8	6096452	CHR8:6096452	SSF x LoA	-9,263	-0,026	0,294
CHR8	6101278	CHR8:6101278	SSF x LoA	-5,688	-0,126	0,270
CHR8	6108223	CHR8:6108223	SSF x LoA	-9,390	0,036	0,294
CHR8	6128188	CHR8:6128188	SSF x LoA	-9,699	0,134	0,277
CHR8	6128340	CHR8:6128340	SSF x LoA	-8,821	0,058	0,302
CHR8	6134770	CHR8:6134770	SSF x LoA	-8,951	0,072	0,289
CHR8	6134800	CHR8:6134800	SSF x LoA	-6,127	-0,094	0,281
CHR8	6134890	CHR8:6134890	SSF x LoA	-9,737	0,022	0,289
CHR8	6134969	CHR8:6134969	SSF x LoA	-7,459	-0,107	0,289
CHR8	6134999	CHR8:6134999	SSF x LoA	-5,388	-0,186	0,276
CHR8	6139909	CHR8:6139909	SSF x LoA	-9,186	0,032	0,294
CHR8	6140066	CHR8:6140066	SSF x LoA	-7,416	0,090	0,287
CHR8	6158314	CHR8:6158314	SSF x LoA	-7,884	0,106	0,284
CHR8	6159224	CHR8:6159224	SSF x LoA	-7,027	0,177	0,275
CHR8	6167967	CHR8:6167967	SSF x LoA	-8,046	0,121	0,287
CHR8	6168195	CHR8:6168195	SSF x LoA	-9,640	0,064	0,292
CHR8	6168325	CHR8:6168325	SSF x LoA	-7,461	0,086	0,279
CHR8	6172573	CHR8:6172573	SSF x LoA	-8,421	-0,067	0,293
CHR8	6186456	CHR8:6186456	SSF x LoA	-8,191	0,076	0,287
CHR8	6186485	CHR8:6186485	SSF x LoA	-4,759	-0,003	0,293
CHR8	6186563	CHR8:6186563	SSF x LoA	-8,587	-0,090	0,293
CHR8	6191021	CHR8:6191021	SSF x LoA	-7,723	-0,016	0,285
CHR8	6191033	CHR8:6191033	SSF x LoA	-10,875	0,055	0,292
CHR8	6191045	CHR8:6191045	SSF x LoA	-11,082	0,035	0,288
CHR8	6191229	CHR8:6191229	SSF x LoA	-9,512	-0,053	0,292
CHR8	6191326	CHR8:6191326	SSF x LoA	-4,911	-0,206	0,284
CHR8	6191509	CHR8:6191509	SSF x LoA	-8,982	0,053	0,300
CHR8	6191520	CHR8:6191520	SSF x LoA	-8,326	-0,047	0,294
CHR8	6199675	CHR8:6199675	SSF x LoA	-9,610	0,031	0,294
CHR8	6199834	CHR8:6199834	SSF x LoA	-7,760	0,079	0,303
CHR8	6199854	CHR8:6199854	SSF x LoA	-7,610	-0,119	0,275
CHR8	6206176	CHR8:6206176	SSF x LoA	-7,605	-0,090	0,296
CHR8	6206229	CHR8:6206229	SSF x LoA	-4,845	0,156	0,274
CHR8	6215437	CHR8:6215437	SSF x LoA	-8,839	-0,050	0,293
CHR8	621606	CHR8:621606	SSF x LoA	-9,737	-0,002	0,312
CHR8	621885	CHR8:621885	SSF x LoA	-7,703	0,064	0,303
CHR8	6221104	CHR8:6221104	SSF x LoA	-10,122	0,083	0,287
CHR8	6221144	CHR8:6221144	SSF x LoA	-9,625	-0,077	0,301
CHR8	6221277	CHR8:6221277	SSF x LoA	-9,647	0,071	0,297
CHR8	6227582	CHR8:6227582	SSF x LoA	-7,017	-0,148	0,273
CHR8	6227601	CHR8:6227601	SSF x LoA	-8,146	0,046	0,281
CHR8	6230344	CHR8:6230344	SSF x LoA	-6,377	-0,109	0,285
CHR8	6240584	CHR8:6240584	SSF x LoA	-10,111	0,022	0,298
CHR8	6240859	CHR8:6240859	SSF x LoA	-10,021	-0,168	0,279
CHR8	625507	CHR8:625507	SSF x LoA	-8,651	-0,030	0,293
CHR8	625523	CHR8:625523	SSF x LoA	-7,644	-0,098	0,276
CHR8	625587	CHR8:625587	SSF x LoA	-9,251	0,136	0,278
CHR8	625625	CHR8:625625	SSF x LoA	-10,899	0,030	0,296
CHR8	625646	CHR8:625646	SSF x LoA	-7,636	0,100	0,282
CHR8	6265710	CHR8:6265710	SSF x LoA	-4,418	-0,177	0,282
CHR8	6265821	CHR8:6265821	SSF x LoA	-4,213	-0,183	0,271

CHR8	6287055	CHR8:6287055	SSF x LoA	-10,691	0,004	0,291
CHR8	6287108	CHR8:6287108	SSF x LoA	-9,934	-0,152	0,274
CHR8	6287148	CHR8:6287148	SSF x LoA	-9,799	-0,039	0,279
CHR8	6287178	CHR8:6287178	SSF x LoA	-9,928	-0,037	0,291
CHR8	6287190	CHR8:6287190	SSF x LoA	-8,336	-0,031	0,281
CHR8	6311308	CHR8:6311308	SSF x LoA	-9,475	-0,110	0,283
CHR8	6326449	CHR8:6326449	SSF x LoA	-9,908	0,007	0,282
CHR8	6326584	CHR8:6326584	SSF x LoA	-7,318	-0,013	0,305
CHR8	6326627	CHR8:6326627	SSF x LoA	-8,210	-0,016	0,295
CHR8	6326649	CHR8:6326649	SSF x LoA	-7,706	-0,099	0,289
CHR8	6326652	CHR8:6326652	SSF x LoA	-7,938	-0,059	0,302
CHR8	6326666	CHR8:6326666	SSF x LoA	-9,131	0,008	0,280
CHR8	6326693	CHR8:6326693	SSF x LoA	-4,480	-0,132	0,284
CHR8	6326725	CHR8:6326725	SSF x LoA	-9,121	-0,111	0,286
CHR8	6328597	CHR8:6328597	SSF x LoA	-3,957	0,077	0,286
CHR8	6328653	CHR8:6328653	SSF x LoA	-10,698	0,035	0,289
CHR8	6331884	CHR8:6331884	SSF x LoA	-6,000	-0,138	0,289
CHR8	6331886	CHR8:6331886	SSF x LoA	-9,882	-0,028	0,291
CHR8	6331889	CHR8:6331889	SSF x LoA	-8,318	0,125	0,296
CHR8	6331918	CHR8:6331918	SSF x LoA	-8,873	0,104	0,299
CHR8	6331954	CHR8:6331954	SSF x LoA	-6,962	0,101	0,291
CHR8	6336223	CHR8:6336223	SSF x LoA	-11,091	0,008	0,281
CHR8	6336320	CHR8:6336320	SSF x LoA	-11,209	0,053	0,282
CHR8	6344770	CHR8:6344770	SSF x LoA	-9,389	-0,108	0,277
CHR8	6344793	CHR8:6344793	SSF x LoA	-6,730	-0,131	0,290
CHR8	6344802	CHR8:6344802	SSF x LoA	-7,961	-0,007	0,298
CHR8	6344822	CHR8:6344822	SSF x LoA	-10,550	-0,075	0,296
CHR8	6346612	CHR8:6346612	SSF x LoA	-9,950	0,039	0,299
CHR8	6346617	CHR8:6346617	SSF x LoA	-9,911	0,036	0,297
CHR8	6346688	CHR8:6346688	SSF x LoA	-9,025	-0,121	0,279
CHR8	6346691	CHR8:6346691	SSF x LoA	-11,037	-0,097	0,283
CHR8	6346766	CHR8:6346766	SSF x LoA	-10,133	0,087	0,296
CHR8	6351998	CHR8:6351998	SSF x LoA	-8,926	-0,032	0,307
CHR8	6352100	CHR8:6352100	SSF x LoA	-9,412	-0,002	0,290
CHR8	6352122	CHR8:6352122	SSF x LoA	-8,477	-0,009	0,283
CHR8	6352189	CHR8:6352189	SSF x LoA	-9,721	-0,059	0,284
CHR8	6352196	CHR8:6352196	SSF x LoA	-10,323	0,019	0,277
CHR8	6352203	CHR8:6352203	SSF x LoA	7,642	-0,082	0,283
CHR8	6352277	CHR8:6352277	SSF x LoA	-9,571	-0,008	0,294
CHR8	6352304	CHR8:6352304	SSF x LoA	-7,230	0,118	0,287
CHR8	6357808	CHR8:6357808	SSF x LoA	-9,596	-0,027	0,288
CHR8	6357940	CHR8:6357940	SSF x LoA	-8,231	0,049	0,283
CHR8	6363908	CHR8:6363908	SSF x LoA	-9,419	0,080	0,277
CHR8	6363985	CHR8:6363985	SSF x LoA	-6,833	0,117	0,295
CHR8	6364016	CHR8:6364016	SSF x LoA	-9,105	0,025	0,281
CHR8	6364034	CHR8:6364034	SSF x LoA	-3,544	0,258	0,286
CHR8	6364035	CHR8:6364035	SSF x LoA	-6,749	-0,040	0,285
CHR8	6364036	CHR8:6364036	SSF x LoA	-8,613	-0,005	0,279
CHR8	6364037	CHR8:6364037	SSF x LoA	-7,287	0,021	0,283
CHR8	637662	CHR8:637662	SSF x LoA	-10,577	-0,018	0,299
CHR8	6392753	CHR8:6392753	SSF x LoA	-9,962	0,014	0,288
CHR8	6397665	CHR8:6397665	SSF x LoA	-9,406	0,038	0,286
CHR8	6397666	CHR8:6397666	SSF x LoA	-9,026	0,143	0,302

CHR8	6397673	CHR8:6397673	SSF x LoA	-6,945	-0,126	0,283
CHR8	6397723	CHR8:6397723	SSF x LoA	-9,787	0,059	0,282
CHR8	6397740	CHR8:6397740	SSF x LoA	-9,109	0,118	0,306
CHR8	6397843	CHR8:6397843	SSF x LoA	-10,762	0,028	0,294
CHR8	6397930	CHR8:6397930	SSF x LoA	-8,187	0,015	0,292
CHR8	6413942	CHR8:6413942	SSF x LoA	-9,962	0,006	0,279
CHR8	6414171	CHR8:6414171	SSF x LoA	-8,461	0,047	0,301
CHR8	6414178	CHR8:6414178	SSF x LoA	-8,066	0,140	0,286
CHR8	6414186	CHR8:6414186	SSF x LoA	-9,340	0,100	0,287
CHR8	6414199	CHR8:6414199	SSF x LoA	-7,820	0,115	0,300
CHR8	6414210	CHR8:6414210	SSF x LoA	-10,342	0,094	0,294
CHR8	6415712	CHR8:6415712	SSF x LoA	-9,899	0,118	0,282
CHR8	6415736	CHR8:6415736	SSF x LoA	-9,780	0,012	0,294
CHR8	6415786	CHR8:6415786	SSF x LoA	-11,324	0,008	0,286
CHR8	6415803	CHR8:6415803	SSF x LoA	-4,839	0,066	0,296
CHR8	6429107	CHR8:6429107	SSF x LoA	-7,982	0,146	0,292
CHR8	6429178	CHR8:6429178	SSF x LoA	-8,168	-0,094	0,288
CHR8	6429214	CHR8:6429214	SSF x LoA	-4,919	-0,092	0,295
CHR8	6433753	CHR8:6433753	SSF x LoA	-6,838	-0,164	0,270
CHR8	6433760	CHR8:6433760	SSF x LoA	25,169	-0,151	0,283
CHR8	6433770	CHR8:6433770	SSF x LoA	-4,350	-0,164	0,273
CHR8	6433771	CHR8:6433771	SSF x LoA	-10,921	0,096	0,283
CHR8	6433774	CHR8:6433774	SSF x LoA	-8,882	-0,023	0,271
CHR8	6437055	CHR8:6437055	SSF x LoA	-9,240	-0,092	0,292
CHR8	6437125	CHR8:6437125	SSF x LoA	-10,632	0,088	0,284
CHR8	6437145	CHR8:6437145	SSF x LoA	-9,446	0,034	0,286
CHR8	6441626	CHR8:6441626	SSF x LoA	-7,161	0,109	0,291
CHR8	6441704	CHR8:6441704	SSF x LoA	-7,766	-0,013	0,293
CHR8	6441718	CHR8:6441718	SSF x LoA	-9,424	0,075	0,302
CHR8	6452912	CHR8:6452912	SSF x LoA	-4,724	0,146	0,295
CHR8	6452978	CHR8:6452978	SSF x LoA	-8,797	-0,013	0,289
CHR8	6452980	CHR8:6452980	SSF x LoA	-6,186	-0,146	0,291
CHR8	6456682	CHR8:6456682	SSF x LoA	-6,963	0,088	0,286
CHR8	6482473	CHR8:6482473	SSF x LoA	-9,576	0,019	0,281
CHR8	6482487	CHR8:6482487	SSF x LoA	-10,439	0,024	0,281
CHR8	6482582	CHR8:6482582	SSF x LoA	-7,640	0,073	0,272
CHR8	6482615	CHR8:6482615	SSF x LoA	-8,766	0,102	0,282
CHR8	6482697	CHR8:6482697	SSF x LoA	-11,415	0,045	0,298
CHR8	6482699	CHR8:6482699	SSF x LoA	-10,927	-0,098	0,281
CHR8	6482706	CHR8:6482706	SSF x LoA	-7,875	-0,075	0,289
CHR8	6482772	CHR8:6482772	SSF x LoA	-10,563	-0,050	0,293
CHR8	6487872	CHR8:6487872	SSF x LoA	-10,488	-0,117	0,283
CHR8	6487964	CHR8:6487964	SSF x LoA	-8,319	0,104	0,288
CHR8	6487981	CHR8:6487981	SSF x LoA	-9,281	-0,020	0,273
CHR8	6488022	CHR8:6488022	SSF x LoA	-7,332	-0,140	0,282
CHR8	6490069	CHR8:6490069	SSF x LoA	-6,338	-0,147	0,290
CHR8	6490283	CHR8:6490283	SSF x LoA	-10,766	0,057	0,301
CHR8	6492709	CHR8:6492709	SSF x LoA	-9,366	-0,075	0,278
CHR8	6492875	CHR8:6492875	SSF x LoA	-6,000	0,068	0,277
CHR8	6493022	CHR8:6493022	SSF x LoA	-8,976	0,048	0,270
CHR8	6493065	CHR8:6493065	SSF x LoA	-8,231	0,001	0,288
CHR8	6493123	CHR8:6493123	SSF x LoA	-10,727	-0,035	0,288
CHR8	6516946	CHR8:6516946	SSF x LoA	-11,584	-0,086	0,274

CHR8	6517027	CHR8:6517027	SSF x LoA	-7,627	0,121	0,280
CHR8	6518805	CHR8:6518805	SSF x LoA	-6,475	0,083	0,282
CHR8	6518855	CHR8:6518855	SSF x LoA	-8,815	-0,015	0,282
CHR8	6518925	CHR8:6518925	SSF x LoA	-2,969	-0,041	0,287
CHR8	6518973	CHR8:6518973	SSF x LoA	-8,430	-0,094	0,273
CHR8	6527763	CHR8:6527763	SSF x LoA	-9,196	0,045	0,297
CHR8	6528361	CHR8:6528361	SSF x LoA	-9,677	-0,009	0,281
CHR8	6528399	CHR8:6528399	SSF x LoA	-2,662	-0,025	0,278
CHR8	6528400	CHR8:6528400	SSF x LoA	-8,055	0,106	0,281
CHR8	6528413	CHR8:6528413	SSF x LoA	-8,418	-0,024	0,279
CHR8	6528416	CHR8:6528416	SSF x LoA	-8,218	0,035	0,299
CHR8	6528464	CHR8:6528464	SSF x LoA	-8,155	-0,069	0,285
CHR8	6532092	CHR8:6532092	SSF x LoA	-8,398	-0,040	0,310
CHR8	6532234	CHR8:6532234	SSF x LoA	-9,398	-0,001	0,296
CHR8	6533379	CHR8:6533379	SSF x LoA	-7,693	-0,003	0,291
CHR8	6533692	CHR8:6533692	SSF x LoA	-11,127	-0,039	0,293
CHR8	6533722	CHR8:6533722	SSF x LoA	-1,849	0,277	0,262
CHR8	6540122	CHR8:6540122	SSF x LoA	-7,122	0,109	0,298
CHR8	6541521	CHR8:6541521	SSF x LoA	-7,627	0,079	0,302
CHR8	6541584	CHR8:6541584	SSF x LoA	-8,574	0,143	0,285
CHR8	6545076	CHR8:6545076	SSF x LoA	-7,869	0,126	0,291
CHR8	6560210	CHR8:6560210	SSF x LoA	-9,855	-0,022	0,295
CHR8	6560287	CHR8:6560287	SSF x LoA	-7,450	0,074	0,299
CHR8	6560481	CHR8:6560481	SSF x LoA	-10,236	0,018	0,287
CHR8	6561193	CHR8:6561193	SSF x LoA	-9,806	-0,064	0,296
CHR8	6561343	CHR8:6561343	SSF x LoA	-5,187	0,141	0,302
CHR8	6561369	CHR8:6561369	SSF x LoA	-10,179	-0,038	0,301
CHR8	6561533	CHR8:6561533	SSF x LoA	-10,334	-0,095	0,296
CHR8	6561546	CHR8:6561546	SSF x LoA	-10,988	0,058	0,294
CHR8	6570375	CHR8:6570375	SSF x LoA	-10,170	-0,017	0,293
CHR8	6576995	CHR8:6576995	SSF x LoA	-6,790	-0,073	0,280
CHR8	6577013	CHR8:6577013	SSF x LoA	-8,684	0,162	0,276
CHR8	6577127	CHR8:6577127	SSF x LoA	-7,195	-0,116	0,284
CHR8	6583978	CHR8:6583978	SSF x LoA	-5,418	-0,179	0,283
CHR8	6584079	CHR8:6584079	SSF x LoA	-7,169	-0,116	0,292
CHR8	6591268	CHR8:6591268	SSF x LoA	-8,321	-0,016	0,282
CHR8	6591322	CHR8:6591322	SSF x LoA	-8,443	-0,036	0,288
CHR8	6591358	CHR8:6591358	SSF x LoA	-10,427	0,005	0,304
CHR8	6603333	CHR8:6603333	SSF x LoA	-10,521	0,012	0,299
CHR8	6603538	CHR8:6603538	SSF x LoA	-8,877	0,039	0,286
CHR8	6615079	CHR8:6615079	SSF x LoA	-9,075	0,056	0,284
CHR8	6615104	CHR8:6615104	SSF x LoA	-7,420	-0,030	0,297
CHR8	6615140	CHR8:6615140	SSF x LoA	-9,102	-0,097	0,289
CHR8	6615218	CHR8:6615218	SSF x LoA	-8,801	-0,089	0,284
CHR8	6625421	CHR8:6625421	SSF x LoA	-10,571	-0,056	0,302
CHR8	6625495	CHR8:6625495	SSF x LoA	-9,586	-0,074	0,273
CHR8	6625497	CHR8:6625497	SSF x LoA	-9,016	-0,068	0,282
CHR8	6625507	CHR8:6625507	SSF x LoA	-8,454	-0,092	0,288
CHR8	6630364	CHR8:6630364	SSF x LoA	-9,079	0,002	0,302
CHR8	6646932	CHR8:6646932	SSF x LoA	-9,549	-0,002	0,288
CHR8	6647109	CHR8:6647109	SSF x LoA	-7,952	-0,025	0,295
CHR8	6647146	CHR8:6647146	SSF x LoA	-9,939	0,102	0,285
CHR8	667149	CHR8:667149	SSF x LoA	-4,410	-0,195	0,273

CHR8	667339	CHR8:667339	SSF x LoA	-7,351	-0,116	0,293
CHR8	667340	CHR8:667340	SSF x LoA	-7,062	-0,095	0,296
CHR8	6683283	CHR8:6683283	SSF x LoA	-10,860	-0,030	0,282
CHR8	6683629	CHR8:6683629	SSF x LoA	-9,052	-0,024	0,294
CHR8	6683720	CHR8:6683720	SSF x LoA	-5,551	0,097	0,302
CHR8	6699217	CHR8:6699217	SSF x LoA	-10,527	-0,070	0,290
CHR8	6701667	CHR8:6701667	SSF x LoA	-6,183	-0,026	0,304
CHR8	6701692	CHR8:6701692	SSF x LoA	-10,288	-0,008	0,285
CHR8	6705315	CHR8:6705315	SSF x LoA	-7,996	0,032	0,293
CHR8	6705347	CHR8:6705347	SSF x LoA	-9,265	-0,156	0,291
CHR8	6705653	CHR8:6705653	SSF x LoA	-10,147	0,046	0,289
CHR8	6715146	CHR8:6715146	SSF x LoA	-10,377	-0,073	0,293
CHR8	6723648	CHR8:6723648	SSF x LoA	-8,221	-0,117	0,290
CHR8	6723663	CHR8:6723663	SSF x LoA	-10,386	-0,040	0,291
CHR8	6740455	CHR8:6740455	SSF x LoA	-10,870	0,008	0,298
CHR8	6740576	CHR8:6740576	SSF x LoA	-8,658	0,032	0,289
CHR8	6740670	CHR8:6740670	SSF x LoA	-10,066	0,074	0,296
CHR8	6740674	CHR8:6740674	SSF x LoA	-8,189	-0,046	0,298
CHR8	6740699	CHR8:6740699	SSF x LoA	-7,724	0,078	0,291
CHR8	6744711	CHR8:6744711	SSF x LoA	-4,417	-0,073	0,294
CHR8	674741	CHR8:674741	SSF x LoA	-8,261	0,062	0,303
CHR8	674791	CHR8:674791	SSF x LoA	-6,960	-0,125	0,290
CHR8	674809	CHR8:674809	SSF x LoA	-7,506	0,109	0,295
CHR8	674869	CHR8:674869	SSF x LoA	-8,453	-0,125	0,293
CHR8	674873	CHR8:674873	SSF x LoA	-8,277	0,063	0,282
CHR8	674914	CHR8:674914	SSF x LoA	-7,502	0,138	0,260
CHR8	674933	CHR8:674933	SSF x LoA	-7,015	-0,011	0,279
CHR8	6755007	CHR8:6755007	SSF x LoA	-2,388	0,219	0,269
CHR8	6784446	CHR8:6784446	SSF x LoA	-8,384	-0,003	0,288
CHR8	6785307	CHR8:6785307	SSF x LoA	-2,605	0,096	0,291
CHR8	6785308	CHR8:6785308	SSF x LoA	-7,957	0,095	0,283
CHR8	6796298	CHR8:6796298	SSF x LoA	-5,234	0,164	0,290
CHR8	6796584	CHR8:6796584	SSF x LoA	-9,515	0,017	0,291
CHR8	6831464	CHR8:6831464	SSF x LoA	-3,971	-0,049	0,290
CHR8	6839227	CHR8:6839227	SSF x LoA	-5,066	0,179	0,279
CHR8	6840736	CHR8:6840736	SSF x LoA	-9,229	-0,087	0,289
CHR8	6875303	CHR8:6875303	SSF x LoA	-3,083	-0,125	0,290
CHR8	6913236	CHR8:6913236	SSF x LoA	-9,480	0,051	0,284
CHR8	6913298	CHR8:6913298	SSF x LoA	-8,076	0,014	0,276
CHR8	6913304	CHR8:6913304	SSF x LoA	-8,507	0,021	0,279
CHR8	6919960	CHR8:6919960	SSF x LoA	-10,151	-0,024	0,299
CHR8	6919975	CHR8:6919975	SSF x LoA	-8,401	-0,018	0,290
CHR8	6920011	CHR8:6920011	SSF x LoA	-9,197	-0,103	0,288
CHR8	6920224	CHR8:6920224	SSF x LoA	-5,161	-0,258	0,269
CHR8	6930504	CHR8:6930504	SSF x LoA	-9,961	0,008	0,287
CHR8	6936214	CHR8:6936214	SSF x LoA	-9,249	0,023	0,283
CHR8	6940485	CHR8:6940485	SSF x LoA	-6,970	-0,079	0,300
CHR8	6940487	CHR8:6940487	SSF x LoA	-5,987	-0,109	0,285
CHR8	6941950	CHR8:6941950	SSF x LoA	-10,737	0,096	0,277
CHR8	6943145	CHR8:6943145	SSF x LoA	-11,529	0,027	0,293
CHR8	695511	CHR8:695511	SSF x LoA	-11,573	0,027	0,277
CHR8	695543	CHR8:695543	SSF x LoA	-9,997	0,029	0,284
CHR8	695545	CHR8:695545	SSF x LoA	-9,949	0,029	0,291

CHR8	6961472	CHR8:6961472	SSF x LoA	-6,668	-0,050	0,303
CHR8	6961483	CHR8:6961483	SSF x LoA	-8,780	0,066	0,295
CHR8	6961487	CHR8:6961487	SSF x LoA	-3,175	-0,031	0,306
CHR8	6978498	CHR8:6978498	SSF x LoA	-9,676	-0,080	0,270
CHR8	6978622	CHR8:6978622	SSF x LoA	-7,919	-0,105	0,293
CHR8	6978649	CHR8:6978649	SSF x LoA	-7,917	0,137	0,282
CHR8	6978702	CHR8:6978702	SSF x LoA	-6,542	0,198	0,275
CHR8	6980409	CHR8:6980409	SSF x LoA	-9,131	-0,005	0,309
CHR8	6980416	CHR8:6980416	SSF x LoA	-7,934	-0,109	0,278
CHR8	6980515	CHR8:6980515	SSF x LoA	-7,643	0,048	0,294
CHR8	6980529	CHR8:6980529	SSF x LoA	-5,451	0,006	0,312
CHR8	7018550	CHR8:7018550	SSF x LoA	-9,267	-0,063	0,275
CHR8	7018868	CHR8:7018868	SSF x LoA	-8,905	0,019	0,288
CHR8	7018962	CHR8:7018962	SSF x LoA	-6,801	0,118	0,288
CHR8	702515	CHR8:702515	SSF x LoA	-9,707	0,101	0,288
CHR8	702610	CHR8:702610	SSF x LoA	-11,304	-0,068	0,292
CHR8	7037256	CHR8:7037256	SSF x LoA	-6,992	0,097	0,289
CHR8	7043150	CHR8:7043150	SSF x LoA	-5,634	-0,068	0,301
CHR8	7043151	CHR8:7043151	SSF x LoA	-7,026	-0,105	0,293
CHR8	7043152	CHR8:7043152	SSF x LoA	-0,988	-0,080	0,297
CHR8	7043157	CHR8:7043157	SSF x LoA	-8,021	-0,090	0,295
CHR8	7076704	CHR8:7076704	SSF x LoA	-9,677	0,020	0,279
CHR8	7081251	CHR8:7081251	SSF x LoA	-10,554	-0,052	0,281
CHR8	708138	CHR8:708138	SSF x LoA	-6,073	-0,069	0,284
CHR8	708494	CHR8:708494	SSF x LoA	-9,497	-0,038	0,292
CHR8	708495	CHR8:708495	SSF x LoA	-8,671	-0,188	0,267
CHR8	712386	CHR8:712386	SSF x LoA	-10,466	0,020	0,289
CHR8	712556	CHR8:712556	SSF x LoA	-9,561	-0,072	0,292
CHR8	7134400	CHR8:7134400	SSF x LoA	-8,544	0,054	0,301
CHR8	7154287	CHR8:7154287	SSF x LoA	-8,251	-0,042	0,294
CHR8	7156392	CHR8:7156392	SSF x LoA	-9,775	-0,102	0,277
CHR8	7174919	CHR8:7174919	SSF x LoA	-10,738	0,058	0,277
CHR8	7175834	CHR8:7175834	SSF x LoA	-10,591	-0,034	0,280
CHR8	7175905	CHR8:7175905	SSF x LoA	-9,789	0,043	0,289
CHR8	7183857	CHR8:7183857	SSF x LoA	-4,064	-0,216	0,279
CHR8	7184843	CHR8:7184843	SSF x LoA	-9,322	0,018	0,302
CHR8	7205358	CHR8:7205358	SSF x LoA	-7,425	-0,044	0,285
CHR8	7205389	CHR8:7205389	SSF x LoA	-8,132	0,104	0,280
CHR8	7216056	CHR8:7216056	SSF x LoA	-10,924	0,031	0,286
CHR8	7216130	CHR8:7216130	SSF x LoA	-10,084	0,016	0,283
CHR8	7216138	CHR8:7216138	SSF x LoA	-11,188	0,023	0,288
CHR8	7216241	CHR8:7216241	SSF x LoA	-12,138	0,040	0,278
CHR8	7216265	CHR8:7216265	SSF x LoA	-8,639	0,100	0,281
CHR8	7219950	CHR8:7219950	SSF x LoA	7,671	-0,059	0,288
CHR8	7227495	CHR8:7227495	SSF x LoA	-7,661	0,043	0,288
CHR8	7227516	CHR8:7227516	SSF x LoA	-10,985	-0,008	0,284
CHR8	7243183	CHR8:7243183	SSF x LoA	-4,856	-0,135	0,277
CHR8	726858	CHR8:726858	SSF x LoA	-8,222	-0,014	0,298
CHR8	726862	CHR8:726862	SSF x LoA	-7,948	0,048	0,299
CHR8	7271955	CHR8:7271955	SSF x LoA	-9,073	-0,088	0,290
CHR8	7271985	CHR8:7271985	SSF x LoA	-8,903	-0,156	0,288
CHR8	7272045	CHR8:7272045	SSF x LoA	-7,944	0,068	0,288
CHR8	7272063	CHR8:7272063	SSF x LoA	-8,714	0,049	0,304

CHR8	7272087	CHR8:7272087	SSF x LoA	-9,333	0,076	0,274
CHR8	7272259	CHR8:7272259	SSF x LoA	-4,119	0,090	0,294
CHR8	7275833	CHR8:7275833	SSF x LoA	-8,314	-0,074	0,290
CHR8	7291146	CHR8:7291146	SSF x LoA	-11,014	-0,052	0,282
CHR8	7291365	CHR8:7291365	SSF x LoA	-9,855	0,048	0,288
CHR8	7302961	CHR8:7302961	SSF x LoA	-10,560	-0,082	0,295
CHR8	7315802	CHR8:7315802	SSF x LoA	-8,801	0,085	0,286
CHR8	7327345	CHR8:7327345	SSF x LoA	-8,934	0,001	0,296
CHR8	7327364	CHR8:7327364	SSF x LoA	-7,950	-0,061	0,286
CHR8	7327367	CHR8:7327367	SSF x LoA	-8,225	-0,073	0,286
CHR8	7327368	CHR8:7327368	SSF x LoA	-8,060	-0,101	0,283
CHR8	7327369	CHR8:7327369	SSF x LoA	-7,920	-0,119	0,282
CHR8	7327370	CHR8:7327370	SSF x LoA	-8,013	-0,119	0,289
CHR8	7327374	CHR8:7327374	SSF x LoA	-9,005	-0,075	0,279
CHR8	7327425	CHR8:7327425	SSF x LoA	-8,228	-0,106	0,286
CHR8	7327450	CHR8:7327450	SSF x LoA	-8,818	-0,098	0,286
CHR8	7327453	CHR8:7327453	SSF x LoA	-8,135	0,077	0,280
CHR8	7327468	CHR8:7327468	SSF x LoA	-9,167	0,002	0,269
CHR8	7327688	CHR8:7327688	SSF x LoA	-5,958	0,064	0,298
CHR8	7327702	CHR8:7327702	SSF x LoA	-9,450	-0,156	0,281
CHR8	7334489	CHR8:7334489	SSF x LoA	-8,683	0,100	0,278
CHR8	7334673	CHR8:7334673	SSF x LoA	-11,010	0,019	0,296
CHR8	7334821	CHR8:7334821	SSF x LoA	-8,213	0,003	0,278
CHR8	7340984	CHR8:7340984	SSF x LoA	-8,901	0,094	0,288
CHR8	7376679	CHR8:7376679	SSF x LoA	-10,065	-0,113	0,284
CHR8	7381125	CHR8:7381125	SSF x LoA	-4,726	-0,160	0,276
CHR8	7381210	CHR8:7381210	SSF x LoA	-8,815	-0,133	0,273
CHR8	7420375	CHR8:7420375	SSF x LoA	-9,634	-0,060	0,297
CHR8	7420527	CHR8:7420527	SSF x LoA	-6,826	0,208	0,277
CHR8	7432497	CHR8:7432497	SSF x LoA	-7,657	-0,011	0,286
CHR8	7439102	CHR8:7439102	SSF x LoA	-9,987	-0,105	0,290
CHR8	7451698	CHR8:7451698	SSF x LoA	-9,354	-0,072	0,292
CHR8	7456904	CHR8:7456904	SSF x LoA	-10,875	-0,003	0,291
CHR8	7468590	CHR8:7468590	SSF x LoA	-7,764	-0,084	0,299
CHR8	7468715	CHR8:7468715	SSF x LoA	-8,176	-0,114	0,274
CHR8	7468718	CHR8:7468718	SSF x LoA	-8,754	-0,088	0,276
CHR8	7473691	CHR8:7473691	SSF x LoA	-7,751	0,155	0,281
CHR8	7473778	CHR8:7473778	SSF x LoA	-9,733	0,122	0,272
CHR8	7473792	CHR8:7473792	SSF x LoA	-10,206	-0,082	0,288
CHR8	7473913	CHR8:7473913	SSF x LoA	-0,781	0,105	0,290
CHR8	7473957	CHR8:7473957	SSF x LoA	-8,698	-0,008	0,300
CHR8	7473967	CHR8:7473967	SSF x LoA	-8,921	0,013	0,311
CHR8	7473997	CHR8:7473997	SSF x LoA	-11,736	-0,050	0,291
CHR8	7480477	CHR8:7480477	SSF x LoA	-7,228	0,029	0,298
CHR8	7512522	CHR8:7512522	SSF x LoA	-7,301	0,194	0,288
CHR8	7512676	CHR8:7512676	SSF x LoA	-8,693	0,167	0,307
CHR8	7512761	CHR8:7512761	SSF x LoA	-11,311	0,048	0,271
CHR8	7517190	CHR8:7517190	SSF x LoA	-8,008	-0,105	0,283
CHR8	7517365	CHR8:7517365	SSF x LoA	-0,567	0,109	0,291
CHR8	7524722	CHR8:7524722	SSF x LoA	-7,229	0,012	0,296
CHR8	7534578	CHR8:7534578	SSF x LoA	-8,181	0,048	0,280
CHR8	7534616	CHR8:7534616	SSF x LoA	-10,683	0,050	0,285
CHR8	7534662	CHR8:7534662	SSF x LoA	-10,423	-0,030	0,290

CHR8	7534714	CHR8:7534714	SSF x LoA	-7,414	0,065	0,280
CHR8	7534769	CHR8:7534769	SSF x LoA	-5,673	-0,013	0,305
CHR8	7551574	CHR8:7551574	SSF x LoA	-8,255	-0,003	0,294
CHR8	7551581	CHR8:7551581	SSF x LoA	-4,107	0,159	0,297
CHR8	7556290	CHR8:7556290	SSF x LoA	-8,178	0,150	0,292
CHR8	7556330	CHR8:7556330	SSF x LoA	-9,576	0,183	0,288
CHR8	7556334	CHR8:7556334	SSF x LoA	-9,536	0,082	0,292
CHR8	7556339	CHR8:7556339	SSF x LoA	-9,195	-0,108	0,283
CHR8	7556362	CHR8:7556362	SSF x LoA	-0,920	-0,167	0,277
CHR8	7556365	CHR8:7556365	SSF x LoA	-10,345	-0,004	0,298
CHR8	7556391	CHR8:7556391	SSF x LoA	-10,298	0,024	0,288
CHR8	7556399	CHR8:7556399	SSF x LoA	-10,534	0,045	0,279
CHR8	7556451	CHR8:7556451	SSF x LoA	-9,187	0,080	0,292
CHR8	7556452	CHR8:7556452	SSF x LoA	-7,214	0,070	0,303
CHR8	7556465	CHR8:7556465	SSF x LoA	-8,294	-0,062	0,274
CHR8	7560431	CHR8:7560431	SSF x LoA	-8,231	-0,016	0,305
CHR8	7560445	CHR8:7560445	SSF x LoA	-10,379	-0,050	0,292
CHR8	7560659	CHR8:7560659	SSF x LoA	-8,195	-0,017	0,303
CHR8	7578886	CHR8:7578886	SSF x LoA	-10,605	0,032	0,281
CHR8	7578887	CHR8:7578887	SSF x LoA	-6,296	-0,004	0,281
CHR8	7578890	CHR8:7578890	SSF x LoA	-3,960	-0,198	0,279
CHR8	7578946	CHR8:7578946	SSF x LoA	-8,045	0,068	0,295
CHR8	7579133	CHR8:7579133	SSF x LoA	-7,815	0,040	0,283
CHR8	7579179	CHR8:7579179	SSF x LoA	-11,026	0,065	0,282
CHR8	7579195	CHR8:7579195	SSF x LoA	-9,192	-0,081	0,293
CHR8	7579259	CHR8:7579259	SSF x LoA	-9,374	-0,003	0,287
CHR8	7579280	CHR8:7579280	SSF x LoA	-7,813	0,054	0,296
CHR8	7592167	CHR8:7592167	SSF x LoA	-10,050	-0,064	0,303
CHR8	7592401	CHR8:7592401	SSF x LoA	-10,384	-0,004	0,303
CHR8	7593484	CHR8:7593484	SSF x LoA	-8,413	0,115	0,275
CHR8	7596321	CHR8:7596321	SSF x LoA	-10,824	-0,028	0,293
CHR8	7596344	CHR8:7596344	SSF x LoA	-10,407	0,096	0,280
CHR8	7603712	CHR8:7603712	SSF x LoA	-8,834	0,017	0,303
CHR8	7603734	CHR8:7603734	SSF x LoA	-9,689	0,105	0,293
CHR8	7603747	CHR8:7603747	SSF x LoA	-8,087	-0,055	0,278
CHR8	7603864	CHR8:7603864	SSF x LoA	-8,780	-0,078	0,279
CHR8	7610855	CHR8:7610855	SSF x LoA	-6,873	-0,063	0,293
CHR8	7610860	CHR8:7610860	SSF x LoA	-8,154	0,059	0,282
CHR8	7611017	CHR8:7611017	SSF x LoA	-9,275	0,074	0,289
CHR8	7619277	CHR8:7619277	SSF x LoA	-10,620	-0,044	0,286
CHR8	7619297	CHR8:7619297	SSF x LoA	-5,172	0,099	0,288
CHR8	7619310	CHR8:7619310	SSF x LoA	-9,456	0,087	0,276
CHR8	7619355	CHR8:7619355	SSF x LoA	-7,659	0,016	0,292
CHR8	7619356	CHR8:7619356	SSF x LoA	-7,831	0,049	0,293
CHR8	7619397	CHR8:7619397	SSF x LoA	-5,763	-0,132	0,283
CHR8	7619420	CHR8:7619420	SSF x LoA	-8,305	-0,053	0,293
CHR8	7619434	CHR8:7619434	SSF x LoA	-5,827	0,025	0,278
CHR8	7619438	CHR8:7619438	SSF x LoA	-10,123	-0,115	0,283
CHR8	7619439	CHR8:7619439	SSF x LoA	-10,529	-0,034	0,285
CHR8	7619461	CHR8:7619461	SSF x LoA	-5,003	0,182	0,274
CHR8	7619525	CHR8:7619525	SSF x LoA	-10,376	0,047	0,300
CHR8	7627028	CHR8:7627028	SSF x LoA	-7,855	-0,007	0,284
CHR8	7630921	CHR8:7630921	SSF x LoA	-3,431	0,219	0,285

CHR8	7632190	CHR8:7632190	SSF x LoA	-7,843	0,000	0,300
CHR8	7632244	CHR8:7632244	SSF x LoA	-8,704	0,163	0,289
CHR8	7632328	CHR8:7632328	SSF x LoA	-7,875	-0,016	0,299
CHR8	7642686	CHR8:7642686	SSF x LoA	-9,052	-0,024	0,290
CHR8	7642715	CHR8:7642715	SSF x LoA	-5,680	-0,153	0,285
CHR8	7642777	CHR8:7642777	SSF x LoA	-8,360	0,068	0,291
CHR8	7642813	CHR8:7642813	SSF x LoA	-7,436	-0,091	0,283
CHR8	7656159	CHR8:7656159	SSF x LoA	-10,211	-0,070	0,284
CHR8	7656174	CHR8:7656174	SSF x LoA	-9,468	-0,020	0,288
CHR8	7656210	CHR8:7656210	SSF x LoA	-9,395	-0,052	0,289
CHR8	7656235	CHR8:7656235	SSF x LoA	-8,395	-0,168	0,280
CHR8	7664611	CHR8:7664611	SSF x LoA	-8,997	-0,043	0,286
CHR8	7668726	CHR8:7668726	SSF x LoA	-6,308	-0,136	0,288
CHR8	7673593	CHR8:7673593	SSF x LoA	-8,064	0,168	0,275
CHR8	7673637	CHR8:7673637	SSF x LoA	-8,572	-0,066	0,286
CHR8	7673691	CHR8:7673691	SSF x LoA	-8,034	-0,089	0,293
CHR8	7674581	CHR8:7674581	SSF x LoA	-9,794	-0,055	0,281
CHR8	7674641	CHR8:7674641	SSF x LoA	-7,075	-0,044	0,290
CHR8	7674668	CHR8:7674668	SSF x LoA	-6,239	0,048	0,283
CHR8	7679332	CHR8:7679332	SSF x LoA	-11,074	0,114	0,276
CHR8	7679421	CHR8:7679421	SSF x LoA	-10,434	-0,023	0,288
CHR8	7679422	CHR8:7679422	SSF x LoA	-7,400	0,123	0,286
CHR8	7679425	CHR8:7679425	SSF x LoA	-6,671	0,138	0,307
CHR8	7679488	CHR8:7679488	SSF x LoA	-11,529	0,051	0,291
CHR8	7684781	CHR8:7684781	SSF x LoA	-8,112	-0,085	0,289
CHR8	7704572	CHR8:7704572	SSF x LoA	-8,887	0,001	0,275
CHR8	7704656	CHR8:7704656	SSF x LoA	-8,771	0,064	0,293
CHR8	7708897	CHR8:7708897	SSF x LoA	-6,254	0,084	0,301
CHR8	7716974	CHR8:7716974	SSF x LoA	-6,139	0,075	0,290
CHR8	7722362	CHR8:7722362	SSF x LoA	-7,017	0,018	0,294
CHR8	7722442	CHR8:7722442	SSF x LoA	-10,919	0,077	0,301
CHR8	7722614	CHR8:7722614	SSF x LoA	-8,935	-0,016	0,274
CHR8	7746405	CHR8:7746405	SSF x LoA	-4,789	0,090	0,295
CHR8	7746507	CHR8:7746507	SSF x LoA	-7,365	-0,011	0,287
CHR8	7755748	CHR8:7755748	SSF x LoA	-10,855	0,003	0,292
CHR8	7755767	CHR8:7755767	SSF x LoA	-2,530	-0,140	0,280
CHR8	7755832	CHR8:7755832	SSF x LoA	-7,000	0,181	0,275
CHR8	7757014	CHR8:7757014	SSF x LoA	-10,245	-0,036	0,293
CHR8	7769491	CHR8:7769491	SSF x LoA	-9,331	0,041	0,280
CHR8	7769597	CHR8:7769597	SSF x LoA	-9,639	0,019	0,306
CHR8	7787515	CHR8:7787515	SSF x LoA	-8,293	-0,010	0,301
CHR8	7787742	CHR8:7787742	SSF x LoA	-9,271	-0,029	0,302
CHR8	7797917	CHR8:7797917	SSF x LoA	-7,516	-0,098	0,292
CHR8	7797971	CHR8:7797971	SSF x LoA	-10,060	0,005	0,289
CHR8	7798059	CHR8:7798059	SSF x LoA	-8,036	0,062	0,300
CHR8	7798069	CHR8:7798069	SSF x LoA	-9,635	-0,024	0,304
CHR8	7798070	CHR8:7798070	SSF x LoA	-10,659	-0,025	0,290
CHR8	7803449	CHR8:7803449	SSF x LoA	-11,212	-0,018	0,286
CHR8	7803721	CHR8:7803721	SSF x LoA	-11,111	-0,024	0,298
CHR8	7803886	CHR8:7803886	SSF x LoA	-10,048	-0,015	0,293
CHR8	7810605	CHR8:7810605	SSF x LoA	-5,663	-0,165	0,283
CHR8	7810650	CHR8:7810650	SSF x LoA	-8,499	0,070	0,282
CHR8	7810652	CHR8:7810652	SSF x LoA	0,166	-0,215	0,280

CHR8	7810685	CHR8:7810685	SSF x LoA	13,740	0,289	0,270
CHR8	7819042	CHR8:7819042	SSF x LoA	-9,614	0,106	0,293
CHR8	7819138	CHR8:7819138	SSF x LoA	-6,846	0,134	0,284
CHR8	7819167	CHR8:7819167	SSF x LoA	-8,244	-0,016	0,268
CHR8	7821048	CHR8:7821048	SSF x LoA	-7,985	0,113	0,297
CHR8	7821201	CHR8:7821201	SSF x LoA	-10,443	0,056	0,295
CHR8	7822312	CHR8:7822312	SSF x LoA	-8,794	0,053	0,265
CHR8	7826577	CHR8:7826577	SSF x LoA	-8,002	-0,054	0,296
CHR8	7826708	CHR8:7826708	SSF x LoA	-7,041	0,134	0,291
CHR8	7826731	CHR8:7826731	SSF x LoA	-10,034	0,084	0,278
CHR8	7826732	CHR8:7826732	SSF x LoA	-7,905	0,169	0,273
CHR8	7826798	CHR8:7826798	SSF x LoA	-5,936	0,065	0,302
CHR8	7826822	CHR8:7826822	SSF x LoA	-0,399	-0,092	0,305
CHR8	7828085	CHR8:7828085	SSF x LoA	-8,116	-0,035	0,286
CHR8	7828189	CHR8:7828189	SSF x LoA	-8,494	-0,035	0,287
CHR8	7834394	CHR8:7834394	SSF x LoA	5,616	0,036	0,304
CHR8	7861020	CHR8:7861020	SSF x LoA	-6,908	-0,049	0,284
CHR8	7875052	CHR8:7875052	SSF x LoA	-6,810	0,110	0,287
CHR8	7875112	CHR8:7875112	SSF x LoA	-10,332	0,068	0,289
CHR8	7875190	CHR8:7875190	SSF x LoA	-9,122	0,034	0,311
CHR8	7875196	CHR8:7875196	SSF x LoA	-9,243	0,083	0,293
CHR8	7875220	CHR8:7875220	SSF x LoA	-11,681	-0,025	0,292
CHR8	7880420	CHR8:7880420	SSF x LoA	-8,305	0,010	0,282
CHR8	7880668	CHR8:7880668	SSF x LoA	-7,956	-0,077	0,285
CHR8	7880732	CHR8:7880732	SSF x LoA	-10,754	0,032	0,301
CHR8	7880763	CHR8:7880763	SSF x LoA	-6,783	0,080	0,308
CHR8	7880777	CHR8:7880777	SSF x LoA	-8,698	0,035	0,290
CHR8	7880787	CHR8:7880787	SSF x LoA	-8,559	0,039	0,301
CHR8	7883458	CHR8:7883458	SSF x LoA	-8,153	-0,030	0,299
CHR8	7883630	CHR8:7883630	SSF x LoA	-8,767	-0,036	0,297
CHR8	7884550	CHR8:7884550	SSF x LoA	-1,402	-0,066	0,300
CHR8	7884661	CHR8:7884661	SSF x LoA	-6,457	-0,017	0,293
CHR8	7884680	CHR8:7884680	SSF x LoA	-9,769	0,018	0,291
CHR8	7884720	CHR8:7884720	SSF x LoA	-9,360	0,004	0,280
CHR8	7884743	CHR8:7884743	SSF x LoA	-7,594	0,098	0,287
CHR8	7904571	CHR8:7904571	SSF x LoA	-6,561	-0,128	0,273
CHR8	7904581	CHR8:7904581	SSF x LoA	-6,379	-0,091	0,276
CHR8	7904621	CHR8:7904621	SSF x LoA	-6,632	-0,159	0,284
CHR8	7904651	CHR8:7904651	SSF x LoA	-7,056	0,078	0,294
CHR8	7904680	CHR8:7904680	SSF x LoA	-11,656	-0,017	0,301
CHR8	7904891	CHR8:7904891	SSF x LoA	-9,330	-0,052	0,283
CHR8	7904935	CHR8:7904935	SSF x LoA	-9,221	0,014	0,290
CHR8	7905014	CHR8:7905014	SSF x LoA	-8,743	0,049	0,294
CHR8	7923112	CHR8:7923112	SSF x LoA	-9,646	-0,037	0,273
CHR8	7923132	CHR8:7923132	SSF x LoA	-9,993	0,019	0,269
CHR8	7923244	CHR8:7923244	SSF x LoA	-9,646	-0,066	0,283
CHR8	7931251	CHR8:7931251	SSF x LoA	-5,478	0,122	0,290
CHR8	7931253	CHR8:7931253	SSF x LoA	-7,488	-0,095	0,288
CHR8	7954519	CHR8:7954519	SSF x LoA	-1,613	0,152	0,286
CHR8	7954556	CHR8:7954556	SSF x LoA	-7,164	0,155	0,288
CHR8	7954566	CHR8:7954566	SSF x LoA	-5,488	0,153	0,291
CHR8	7955240	CHR8:7955240	SSF x LoA	-8,811	0,047	0,293
CHR8	7955324	CHR8:7955324	SSF x LoA	-9,416	-0,121	0,288

CHR8	7970442	CHR8:7970442	SSF x LoA	-10,158	0,062	0,286
CHR8	7972617	CHR8:7972617	SSF x LoA	-6,782	-0,173	0,274
CHR8	7972638	CHR8:7972638	SSF x LoA	-8,799	0,062	0,282
CHR8	7972718	CHR8:7972718	SSF x LoA	-8,940	-0,106	0,281
CHR8	7972738	CHR8:7972738	SSF x LoA	-6,931	-0,048	0,288
CHR8	7993370	CHR8:7993370	SSF x LoA	-8,943	-0,122	0,291
CHR8	7993505	CHR8:7993505	SSF x LoA	-10,855	0,067	0,280
CHR8	7995468	CHR8:7995468	SSF x LoA	-7,050	-0,202	0,284
CHR8	7995551	CHR8:7995551	SSF x LoA	-10,876	0,108	0,282
CHR8	7995733	CHR8:7995733	SSF x LoA	-8,989	0,002	0,302
CHR8	7995748	CHR8:7995748	SSF x LoA	-11,621	-0,018	0,274
CHR8	7995806	CHR8:7995806	SSF x LoA	-10,071	0,001	0,285
CHR8	8003642	CHR8:8003642	SSF x LoA	-8,917	0,036	0,300
CHR8	8009692	CHR8:8009692	SSF x LoA	-9,315	0,105	0,289
CHR8	8009696	CHR8:8009696	SSF x LoA	-7,787	-0,108	0,277
CHR8	8009698	CHR8:8009698	SSF x LoA	-7,778	-0,109	0,285
CHR8	8009789	CHR8:8009789	SSF x LoA	-8,947	-0,059	0,277
CHR8	8009820	CHR8:8009820	SSF x LoA	-10,830	-0,025	0,290
CHR8	8009862	CHR8:8009862	SSF x LoA	-8,199	-0,022	0,293
CHR8	8009892	CHR8:8009892	SSF x LoA	-8,783	0,123	0,290
CHR8	8009897	CHR8:8009897	SSF x LoA	-9,007	-0,009	0,309
CHR8	8009904	CHR8:8009904	SSF x LoA	-7,896	-0,161	0,280
CHR8	8009912	CHR8:8009912	SSF x LoA	-6,756	0,016	0,299
CHR8	8009930	CHR8:8009930	SSF x LoA	-9,195	-0,056	0,296
CHR8	8036426	CHR8:8036426	SSF x LoA	-7,047	-0,112	0,298
CHR8	8036478	CHR8:8036478	SSF x LoA	-2,677	-0,069	0,288
CHR8	8036570	CHR8:8036570	SSF x LoA	-8,517	0,058	0,274
CHR8	8036571	CHR8:8036571	SSF x LoA	-7,756	0,129	0,280
CHR8	8036607	CHR8:8036607	SSF x LoA	-8,901	-0,008	0,283
CHR8	8041313	CHR8:8041313	SSF x LoA	-7,797	-0,049	0,280
CHR8	8041370	CHR8:8041370	SSF x LoA	-7,491	-0,045	0,288
CHR8	8043407	CHR8:8043407	SSF x LoA	0,207	0,206	0,284
CHR8	8043414	CHR8:8043414	SSF x LoA	-7,025	-0,077	0,287
CHR8	8053066	CHR8:8053066	SSF x LoA	-8,357	-0,013	0,284
CHR8	8053451	CHR8:8053451	SSF x LoA	-8,087	-0,159	0,283
CHR8	8084424	CHR8:8084424	SSF x LoA	-8,776	0,052	0,299
CHR8	8085366	CHR8:8085366	SSF x LoA	-8,257	-0,152	0,289
CHR8	8085548	CHR8:8085548	SSF x LoA	-10,281	-0,011	0,284
CHR8	8085573	CHR8:8085573	SSF x LoA	-10,871	-0,050	0,298
CHR8	8088163	CHR8:8088163	SSF x LoA	-9,941	-0,047	0,288
CHR8	8088211	CHR8:8088211	SSF x LoA	-7,827	0,009	0,292
CHR8	8092017	CHR8:8092017	SSF x LoA	-7,240	0,006	0,301
CHR8	8121235	CHR8:8121235	SSF x LoA	-9,879	0,011	0,283
CHR8	8146615	CHR8:8146615	SSF x LoA	-5,003	0,033	0,291
CHR8	8146661	CHR8:8146661	SSF x LoA	-10,828	0,025	0,275
CHR8	8146670	CHR8:8146670	SSF x LoA	-6,017	-0,143	0,280
CHR8	8151963	CHR8:8151963	SSF x LoA	-7,836	0,114	0,288
CHR8	8152066	CHR8:8152066	SSF x LoA	-7,959	-0,071	0,283
CHR8	8152206	CHR8:8152206	SSF x LoA	-7,658	0,056	0,292
CHR8	8152218	CHR8:8152218	SSF x LoA	-4,666	0,077	0,295
CHR8	8154211	CHR8:8154211	SSF x LoA	-10,367	-0,039	0,288
CHR8	8154257	CHR8:8154257	SSF x LoA	-7,751	-0,089	0,283
CHR8	8158473	CHR8:8158473	SSF x LoA	-8,477	-0,073	0,277

CHR8	8159439	CHR8:8159439	SSF x LoA	-8,899	0,150	0,291
CHR8	8159469	CHR8:8159469	SSF x LoA	-6,768	0,116	0,288
CHR8	8172103	CHR8:8172103	SSF x LoA	-8,583	-0,133	0,299
CHR8	8172157	CHR8:8172157	SSF x LoA	-6,049	0,122	0,290
CHR8	8172331	CHR8:8172331	SSF x LoA	-8,771	-0,052	0,291
CHR8	8178451	CHR8:8178451	SSF x LoA	-7,561	-0,092	0,286
CHR8	8214547	CHR8:8214547	SSF x LoA	-2,676	0,087	0,279
CHR8	8214569	CHR8:8214569	SSF x LoA	-9,659	0,083	0,284
CHR8	8214627	CHR8:8214627	SSF x LoA	-7,828	0,106	0,292
CHR8	8218435	CHR8:8218435	SSF x LoA	-10,243	0,042	0,283
CHR8	8218444	CHR8:8218444	SSF x LoA	-9,754	0,053	0,289
CHR8	8218585	CHR8:8218585	SSF x LoA	-8,941	-0,133	0,293
CHR8	8224699	CHR8:8224699	SSF x LoA	-3,749	-0,049	0,284
CHR8	8224704	CHR8:8224704	SSF x LoA	-9,473	-0,068	0,270
CHR8	8224731	CHR8:8224731	SSF x LoA	-8,525	-0,051	0,292
CHR8	8224762	CHR8:8224762	SSF x LoA	-7,734	-0,090	0,289
CHR8	8224771	CHR8:8224771	SSF x LoA	-4,428	-0,131	0,277
CHR8	8224879	CHR8:8224879	SSF x LoA	-11,339	-0,031	0,282
CHR8	8225018	CHR8:8225018	SSF x LoA	13,255	-0,025	0,280
CHR8	8243774	CHR8:8243774	SSF x LoA	-9,837	-0,040	0,288
CHR8	8243786	CHR8:8243786	SSF x LoA	-8,430	0,117	0,279
CHR8	8246617	CHR8:8246617	SSF x LoA	-8,713	-0,039	0,286
CHR8	8246645	CHR8:8246645	SSF x LoA	-9,028	0,143	0,281
CHR8	8246656	CHR8:8246656	SSF x LoA	-1,784	0,232	0,275
CHR8	8246713	CHR8:8246713	SSF x LoA	-11,135	-0,028	0,261
CHR8	8246733	CHR8:8246733	SSF x LoA	-3,345	-0,063	0,302
CHR8	824722	CHR8:824722	SSF x LoA	-7,402	0,064	0,288
CHR8	824789	CHR8:824789	SSF x LoA	-7,527	0,022	0,304
CHR8	824894	CHR8:824894	SSF x LoA	-10,599	0,031	0,293
CHR8	8262071	CHR8:8262071	SSF x LoA	-9,111	-0,031	0,288
CHR8	8262096	CHR8:8262096	SSF x LoA	-9,064	-0,033	0,286
CHR8	8262117	CHR8:8262117	SSF x LoA	-8,798	-0,034	0,289
CHR8	8262213	CHR8:8262213	SSF x LoA	-7,738	0,052	0,290
CHR8	8262398	CHR8:8262398	SSF x LoA	-7,742	0,098	0,287
CHR8	8289883	CHR8:8289883	SSF x LoA	-11,155	-0,053	0,286
CHR8	8289892	CHR8:8289892	SSF x LoA	-7,941	-0,083	0,287
CHR8	8289908	CHR8:8289908	SSF x LoA	-8,515	0,078	0,280
CHR8	8289953	CHR8:8289953	SSF x LoA	-6,772	0,173	0,284
CHR8	8289958	CHR8:8289958	SSF x LoA	1,241	0,194	0,293
CHR8	8289964	CHR8:8289964	SSF x LoA	-8,577	-0,115	0,288
CHR8	8289973	CHR8:8289973	SSF x LoA	-4,801	0,184	0,278
CHR8	8289989	CHR8:8289989	SSF x LoA	-9,847	0,039	0,291
CHR8	8290018	CHR8:8290018	SSF x LoA	-6,209	0,056	0,292
CHR8	8316531	CHR8:8316531	SSF x LoA	-8,621	-0,089	0,294
CHR8	8316610	CHR8:8316610	SSF x LoA	-9,390	-0,103	0,294
CHR8	8316682	CHR8:8316682	SSF x LoA	-8,549	-0,095	0,293
CHR8	8332959	CHR8:8332959	SSF x LoA	-9,289	-0,022	0,302
CHR8	8395802	CHR8:8395802	SSF x LoA	-6,622	0,002	0,286
CHR8	8395823	CHR8:8395823	SSF x LoA	-8,111	0,033	0,290
CHR8	8395890	CHR8:8395890	SSF x LoA	-9,143	-0,038	0,297
CHR8	8395942	CHR8:8395942	SSF x LoA	-7,339	0,026	0,279
CHR8	8395952	CHR8:8395952	SSF x LoA	-9,010	-0,060	0,286
CHR8	842157	CHR8:842157	SSF x LoA	-8,344	0,091	0,306

CHR8	8424732	CHR8:8424732	SSF x LoA	-9,157	-0,020	0,290
CHR8	8424776	CHR8:8424776	SSF x LoA	-9,540	-0,030	0,297
CHR8	8424906	CHR8:8424906	SSF x LoA	-6,967	0,106	0,308
CHR8	8424915	CHR8:8424915	SSF x LoA	-9,897	-0,027	0,290
CHR8	8431846	CHR8:8431846	SSF x LoA	-8,474	0,125	0,289
CHR8	8432057	CHR8:8432057	SSF x LoA	-5,884	-0,210	0,281
CHR8	8432091	CHR8:8432091	SSF x LoA	-8,190	-0,169	0,265
CHR8	8436979	CHR8:8436979	SSF x LoA	-7,370	-0,048	0,295
CHR8	8436981	CHR8:8436981	SSF x LoA	-7,262	-0,014	0,300
CHR8	8436988	CHR8:8436988	SSF x LoA	-8,201	0,011	0,289
CHR8	8436992	CHR8:8436992	SSF x LoA	-9,604	0,028	0,283
CHR8	8437014	CHR8:8437014	SSF x LoA	-9,741	-0,047	0,274
CHR8	8437122	CHR8:8437122	SSF x LoA	-9,230	0,014	0,286
CHR8	8437209	CHR8:8437209	SSF x LoA	-6,972	-0,173	0,277
CHR8	846004	CHR8:846004	SSF x LoA	-8,992	-0,026	0,307
CHR8	846047	CHR8:846047	SSF x LoA	-7,088	-0,054	0,294
CHR8	8475127	CHR8:8475127	SSF x LoA	-7,361	-0,059	0,276
CHR8	8475247	CHR8:8475247	SSF x LoA	-8,278	0,051	0,298
CHR8	8475324	CHR8:8475324	SSF x LoA	-9,513	-0,005	0,276
CHR8	8484194	CHR8:8484194	SSF x LoA	-6,142	-0,122	0,290
CHR8	8484239	CHR8:8484239	SSF x LoA	-6,818	-0,148	0,276
CHR8	8484240	CHR8:8484240	SSF x LoA	-9,877	-0,100	0,283
CHR8	8484362	CHR8:8484362	SSF x LoA	-7,155	-0,194	0,269
CHR8	8484389	CHR8:8484389	SSF x LoA	-10,155	-0,138	0,279
CHR8	8508467	CHR8:8508467	SSF x LoA	-7,976	-0,063	0,280
CHR8	8514452	CHR8:8514452	SSF x LoA	1,088	0,032	0,293
CHR8	8514507	CHR8:8514507	SSF x LoA	-7,938	-0,021	0,299
CHR8	8514645	CHR8:8514645	SSF x LoA	-9,185	-0,010	0,288
CHR8	8519598	CHR8:8519598	SSF x LoA	-1,401	0,069	0,278
CHR8	8526884	CHR8:8526884	SSF x LoA	-8,859	-0,101	0,277
CHR8	8533725	CHR8:8533725	SSF x LoA	-0,952	-0,098	0,289
CHR8	8533857	CHR8:8533857	SSF x LoA	-6,906	0,154	0,287
CHR8	8553769	CHR8:8553769	SSF x LoA	-7,536	0,107	0,272
CHR8	8553827	CHR8:8553827	SSF x LoA	-3,509	0,135	0,285
CHR8	8554012	CHR8:8554012	SSF x LoA	-4,179	-0,200	0,288
CHR8	8599914	CHR8:8599914	SSF x LoA	-9,234	0,013	0,284
CHR8	8600002	CHR8:8600002	SSF x LoA	-6,542	-0,108	0,293
CHR8	8606372	CHR8:8606372	SSF x LoA	-6,267	0,079	0,302
CHR8	8606387	CHR8:8606387	SSF x LoA	-7,199	0,038	0,307
CHR8	8625236	CHR8:8625236	SSF x LoA	-10,675	-0,049	0,293
CHR8	8625317	CHR8:8625317	SSF x LoA	-9,985	0,018	0,301
CHR8	8627648	CHR8:8627648	SSF x LoA	-8,558	0,127	0,305
CHR8	8643697	CHR8:8643697	SSF x LoA	-8,708	-0,126	0,284
CHR8	8644128	CHR8:8644128	SSF x LoA	-8,412	0,120	0,290
CHR8	8646641	CHR8:8646641	SSF x LoA	-8,409	0,070	0,285
CHR8	8646901	CHR8:8646901	SSF x LoA	-10,531	-0,074	0,284
CHR8	8646970	CHR8:8646970	SSF x LoA	-8,664	-0,112	0,294
CHR8	864832	CHR8:864832	SSF x LoA	-7,307	0,042	0,294
CHR8	865635	CHR8:865635	SSF x LoA	-8,425	0,033	0,295
CHR8	865637	CHR8:865637	SSF x LoA	-10,198	0,055	0,287
CHR8	865641	CHR8:865641	SSF x LoA	-9,685	0,073	0,288
CHR8	8657502	CHR8:8657502	SSF x LoA	-10,352	-0,034	0,295
CHR8	8657532	CHR8:8657532	SSF x LoA	-7,199	0,053	0,306

CHR8	8657587	CHR8:8657587	SSF x LoA	-7,963	0,105	0,301
CHR8	865935	CHR8:865935	SSF x LoA	-6,811	0,152	0,279
CHR8	865965	CHR8:865965	SSF x LoA	-8,268	0,010	0,296
CHR8	865984	CHR8:865984	SSF x LoA	-7,839	-0,054	0,290
CHR8	866024	CHR8:866024	SSF x LoA	-7,172	-0,056	0,311
CHR8	866042	CHR8:866042	SSF x LoA	-5,288	0,006	0,301
CHR8	8675662	CHR8:8675662	SSF x LoA	-8,711	0,172	0,279
CHR8	8675716	CHR8:8675716	SSF x LoA	-8,611	-0,032	0,291
CHR8	8677378	CHR8:8677378	SSF x LoA	-9,137	0,089	0,280
CHR8	8677481	CHR8:8677481	SSF x LoA	-10,120	-0,032	0,290
CHR8	8677493	CHR8:8677493	SSF x LoA	-8,374	0,028	0,277
CHR8	8684542	CHR8:8684542	SSF x LoA	-8,374	0,012	0,282
CHR8	8684543	CHR8:8684543	SSF x LoA	-11,095	-0,035	0,295
CHR8	8684570	CHR8:8684570	SSF x LoA	-10,284	0,053	0,300
CHR8	8684665	CHR8:8684665	SSF x LoA	-9,145	-0,054	0,294
CHR8	8684702	CHR8:8684702	SSF x LoA	-7,450	0,156	0,279
CHR8	8684717	CHR8:8684717	SSF x LoA	-8,973	-0,075	0,288
CHR8	8689573	CHR8:8689573	SSF x LoA	-9,947	0,043	0,278
CHR8	8701251	CHR8:8701251	SSF x LoA	-10,115	0,075	0,299
CHR8	8701363	CHR8:8701363	SSF x LoA	-11,393	0,081	0,272
CHR8	8701399	CHR8:8701399	SSF x LoA	-10,052	-0,034	0,294
CHR8	8729210	CHR8:8729210	SSF x LoA	-9,274	-0,087	0,275
CHR8	8731668	CHR8:8731668	SSF x LoA	-7,520	-0,102	0,282
CHR8	8737785	CHR8:8737785	SSF x LoA	-9,623	-0,042	0,276
CHR8	8737789	CHR8:8737789	SSF x LoA	-8,286	0,027	0,294
CHR8	8737810	CHR8:8737810	SSF x LoA	-4,206	0,047	0,276
CHR8	8737880	CHR8:8737880	SSF x LoA	-8,934	0,050	0,278
CHR8	8737905	CHR8:8737905	SSF x LoA	-7,723	-0,048	0,270
CHR8	8737934	CHR8:8737934	SSF x LoA	-1,812	0,036	0,298
CHR8	8737955	CHR8:8737955	SSF x LoA	-9,002	-0,068	0,293
CHR8	8738928	CHR8:8738928	SSF x LoA	-10,331	-0,030	0,284
CHR8	8739090	CHR8:8739090	SSF x LoA	-10,895	0,034	0,277
CHR8	8748514	CHR8:8748514	SSF x LoA	-6,541	-0,205	0,274
CHR8	8748525	CHR8:8748525	SSF x LoA	-8,236	0,155	0,291
CHR8	8748587	CHR8:8748587	SSF x LoA	-10,654	0,055	0,297
CHR8	8748642	CHR8:8748642	SSF x LoA	-10,833	0,018	0,284
CHR8	8748742	CHR8:8748742	SSF x LoA	-8,500	0,080	0,304
CHR8	8750509	CHR8:8750509	SSF x LoA	-8,505	-0,088	0,297
CHR8	8750581	CHR8:8750581	SSF x LoA	-10,409	-0,003	0,298
CHR8	8758283	CHR8:8758283	SSF x LoA	-5,118	0,158	0,293
CHR8	8758344	CHR8:8758344	SSF x LoA	-5,392	-0,110	0,294
CHR8	8758352	CHR8:8758352	SSF x LoA	-8,437	0,171	0,286
CHR8	8776826	CHR8:8776826	SSF x LoA	-7,604	0,012	0,298
CHR8	8776903	CHR8:8776903	SSF x LoA	-8,113	-0,060	0,283
CHR8	8777019	CHR8:8777019	SSF x LoA	-8,227	-0,040	0,277
CHR8	880242	CHR8:880242	SSF x LoA	-9,719	-0,093	0,293
CHR8	8805044	CHR8:8805044	SSF x LoA	-8,509	-0,048	0,307
CHR8	8805104	CHR8:8805104	SSF x LoA	-7,948	0,049	0,293
CHR8	8805124	CHR8:8805124	SSF x LoA	-9,620	0,024	0,290
CHR8	8805294	CHR8:8805294	SSF x LoA	-10,821	-0,028	0,281
CHR8	8805304	CHR8:8805304	SSF x LoA	-7,200	0,154	0,278
CHR8	8810301	CHR8:8810301	SSF x LoA	-11,179	-0,041	0,288
CHR8	8815804	CHR8:8815804	SSF x LoA	-10,008	0,012	0,290

CHR8	8815915	CHR8:8815915	SSF x LoA	-7,130	-0,080	0,276
CHR8	8818017	CHR8:8818017	SSF x LoA	-9,087	0,011	0,279
CHR8	8821972	CHR8:8821972	SSF x LoA	-8,726	0,014	0,285
CHR8	8822160	CHR8:8822160	SSF x LoA	-10,298	0,090	0,291
CHR8	8822161	CHR8:8822161	SSF x LoA	-8,908	0,089	0,286
CHR8	8824474	CHR8:8824474	SSF x LoA	-11,880	0,018	0,284
CHR8	8824605	CHR8:8824605	SSF x LoA	-8,352	-0,039	0,316
CHR8	8834160	CHR8:8834160	SSF x LoA	-9,637	0,069	0,289
CHR8	8841633	CHR8:8841633	SSF x LoA	-6,229	0,008	0,284
CHR8	8871647	CHR8:8871647	SSF x LoA	-8,822	0,047	0,284
CHR8	8871840	CHR8:8871840	SSF x LoA	-8,190	0,105	0,273
CHR8	8871850	CHR8:8871850	SSF x LoA	1,629	0,031	0,298
CHR8	8871966	CHR8:8871966	SSF x LoA	-10,381	-0,066	0,282
CHR8	8889705	CHR8:8889705	SSF x LoA	-8,299	0,018	0,268
CHR8	8889796	CHR8:8889796	SSF x LoA	-8,912	-0,086	0,266
CHR8	8891598	CHR8:8891598	SSF x LoA	-8,141	-0,019	0,294
CHR8	8891634	CHR8:8891634	SSF x LoA	-8,300	-0,054	0,299
CHR8	8891640	CHR8:8891640	SSF x LoA	-6,163	-0,050	0,288
CHR8	8894852	CHR8:8894852	SSF x LoA	-6,848	-0,072	0,289
CHR8	8895012	CHR8:8895012	SSF x LoA	-6,514	-0,173	0,279
CHR8	8895028	CHR8:8895028	SSF x LoA	-6,856	-0,151	0,276
CHR8	8922697	CHR8:8922697	SSF x LoA	-9,595	-0,095	0,287
CHR8	8930162	CHR8:8930162	SSF x LoA	-11,216	0,048	0,287
CHR8	8942875	CHR8:8942875	SSF x LoA	-8,251	-0,107	0,296
CHR8	8944264	CHR8:8944264	SSF x LoA	-8,658	-0,059	0,267
CHR8	8954783	CHR8:8954783	SSF x LoA	-10,361	0,066	0,304
CHR8	8957685	CHR8:8957685	SSF x LoA	-8,076	-0,061	0,292
CHR8	8959745	CHR8:8959745	SSF x LoA	-8,316	0,010	0,296
CHR8	8960011	CHR8:8960011	SSF x LoA	-11,122	-0,020	0,287
CHR8	8987126	CHR8:8987126	SSF x LoA	-11,230	0,008	0,294
CHR8	8987387	CHR8:8987387	SSF x LoA	-9,679	0,002	0,300
CHR8	8991165	CHR8:8991165	SSF x LoA	-0,558	-0,062	0,285
CHR8	9007650	CHR8:9007650	SSF x LoA	-6,719	0,151	0,289
CHR8	9018157	CHR8:9018157	SSF x LoA	-7,888	-0,143	0,284
CHR8	9018167	CHR8:9018167	SSF x LoA	-6,517	-0,149	0,284
CHR8	9018327	CHR8:9018327	SSF x LoA	-7,922	0,017	0,308
CHR8	9024806	CHR8:9024806	SSF x LoA	-8,607	-0,017	0,288
CHR8	9024858	CHR8:9024858	SSF x LoA	-8,540	-0,168	0,276
CHR8	9024892	CHR8:9024892	SSF x LoA	-9,803	0,097	0,290
CHR8	9024935	CHR8:9024935	SSF x LoA	-7,409	0,173	0,290
CHR8	9032617	CHR8:9032617	SSF x LoA	-8,463	-0,168	0,287
CHR8	9032703	CHR8:9032703	SSF x LoA	-6,978	-0,047	0,280
CHR8	9032907	CHR8:9032907	SSF x LoA	-10,672	-0,024	0,300
CHR8	9041491	CHR8:9041491	SSF x LoA	-5,892	0,156	0,297
CHR8	9041494	CHR8:9041494	SSF x LoA	-7,364	-0,156	0,283
CHR8	9041554	CHR8:9041554	SSF x LoA	-7,753	-0,137	0,261
CHR8	9041595	CHR8:9041595	SSF x LoA	-8,428	0,023	0,295
CHR8	9041613	CHR8:9041613	SSF x LoA	-9,551	0,011	0,293
CHR8	9042904	CHR8:9042904	SSF x LoA	-8,218	0,048	0,290
CHR8	9073348	CHR8:9073348	SSF x LoA	-8,448	0,068	0,280
CHR8	9073355	CHR8:9073355	SSF x LoA	-8,266	0,097	0,289
CHR8	9074836	CHR8:9074836	SSF x LoA	-9,548	-0,095	0,286
CHR8	9079361	CHR8:9079361	SSF x LoA	-9,906	0,075	0,284

CHR8	9079397	CHR8:9079397	SSF x LoA	-6,356	0,126	0,287
CHR8	9079409	CHR8:9079409	SSF x LoA	-8,607	0,126	0,293
CHR8	9079410	CHR8:9079410	SSF x LoA	-9,713	0,078	0,291
CHR8	9079573	CHR8:9079573	SSF x LoA	-8,530	0,022	0,283
CHR8	9079679	CHR8:9079679	SSF x LoA	-9,327	-0,051	0,311
CHR8	9082958	CHR8:9082958	SSF x LoA	-8,646	0,081	0,306
CHR8	9083005	CHR8:9083005	SSF x LoA	-10,581	0,042	0,287
CHR8	9083142	CHR8:9083142	SSF x LoA	-7,662	0,038	0,306
CHR8	9086777	CHR8:9086777	SSF x LoA	-3,341	0,053	0,299
CHR8	9091450	CHR8:9091450	SSF x LoA	-7,444	-0,135	0,276
CHR8	9091547	CHR8:9091547	SSF x LoA	-11,060	0,036	0,287
CHR8	9091615	CHR8:9091615	SSF x LoA	-5,309	-0,184	0,269
CHR8	9091618	CHR8:9091618	SSF x LoA	-7,998	-0,088	0,286
CHR8	9091672	CHR8:9091672	SSF x LoA	-7,592	-0,060	0,296
CHR8	9101965	CHR8:9101965	SSF x LoA	-8,366	-0,149	0,284
CHR8	9106210	CHR8:9106210	SSF x LoA	-7,213	0,063	0,287
CHR8	9106240	CHR8:9106240	SSF x LoA	-9,835	0,098	0,293
CHR8	9106253	CHR8:9106253	SSF x LoA	-5,548	0,147	0,282
CHR8	9106281	CHR8:9106281	SSF x LoA	-7,394	0,107	0,282
CHR8	9106355	CHR8:9106355	SSF x LoA	-8,231	-0,010	0,301
CHR8	9106367	CHR8:9106367	SSF x LoA	-6,378	-0,114	0,287
CHR8	9109050	CHR8:9109050	SSF x LoA	-9,473	-0,059	0,305
CHR8	9109251	CHR8:9109251	SSF x LoA	-6,633	-0,182	0,288
CHR8	9109256	CHR8:9109256	SSF x LoA	-7,379	-0,177	0,294
CHR8	9109339	CHR8:9109339	SSF x LoA	-7,659	0,070	0,297
CHR8	9118995	CHR8:9118995	SSF x LoA	-6,522	0,171	0,295
CHR8	9119046	CHR8:9119046	SSF x LoA	-2,939	0,161	0,295
CHR8	9125864	CHR8:9125864	SSF x LoA	-7,433	-0,060	0,297
CHR8	9125875	CHR8:9125875	SSF x LoA	-7,462	-0,040	0,283
CHR8	9125945	CHR8:9125945	SSF x LoA	-10,487	0,008	0,287
CHR8	9125966	CHR8:9125966	SSF x LoA	-7,382	0,128	0,283
CHR8	9125994	CHR8:9125994	SSF x LoA	-11,544	0,007	0,292
CHR8	9126148	CHR8:9126148	SSF x LoA	-9,203	-0,085	0,298
CHR8	9127585	CHR8:9127585	SSF x LoA	-7,569	0,171	0,287
CHR8	9127638	CHR8:9127638	SSF x LoA	-4,699	0,194	0,284
CHR8	9133257	CHR8:9133257	SSF x LoA	-8,510	-0,037	0,285
CHR8	9133319	CHR8:9133319	SSF x LoA	-8,417	0,037	0,270
CHR8	9133321	CHR8:9133321	SSF x LoA	-9,091	-0,103	0,284
CHR8	9134019	CHR8:9134019	SSF x LoA	-5,181	-0,126	0,266
CHR8	9135896	CHR8:9135896	SSF x LoA	-9,342	-0,013	0,282
CHR8	9135902	CHR8:9135902	SSF x LoA	-8,525	-0,002	0,292
CHR8	9136014	CHR8:9136014	SSF x LoA	-9,259	-0,008	0,295
CHR8	9141908	CHR8:9141908	SSF x LoA	-7,044	-0,129	0,295
CHR8	9141942	CHR8:9141942	SSF x LoA	-7,973	-0,104	0,262
CHR8	9151147	CHR8:9151147	SSF x LoA	-8,381	-0,072	0,290
CHR8	9151163	CHR8:9151163	SSF x LoA	-9,958	0,001	0,291
CHR8	9151230	CHR8:9151230	SSF x LoA	-6,000	-0,182	0,279
CHR8	9151331	CHR8:9151331	SSF x LoA	-5,467	-0,090	0,300
CHR8	9157976	CHR8:9157976	SSF x LoA	-10,222	0,020	0,294
CHR8	9158056	CHR8:9158056	SSF x LoA	-9,085	-0,005	0,303
CHR8	9165970	CHR8:9165970	SSF x LoA	-9,321	0,080	0,296
CHR8	9166179	CHR8:9166179	SSF x LoA	-9,679	-0,010	0,276
CHR8	9187704	CHR8:9187704	SSF x LoA	-9,802	-0,122	0,279

CHR8	9216024	CHR8:9216024	SSF x LoA	-10,456	0,107	0,282
CHR8	9216287	CHR8:9216287	SSF x LoA	-5,579	-0,126	0,268
CHR8	9219640	CHR8:9219640	SSF x LoA	-11,306	0,006	0,301
CHR8	9222463	CHR8:9222463	SSF x LoA	-10,077	-0,082	0,297
CHR8	9226359	CHR8:9226359	SSF x LoA	-8,132	0,014	0,299
CHR8	9226398	CHR8:9226398	SSF x LoA	-11,004	-0,068	0,300
CHR8	9226403	CHR8:9226403	SSF x LoA	-4,782	-0,085	0,280
CHR8	9226518	CHR8:9226518	SSF x LoA	-9,679	-0,021	0,291
CHR8	9237315	CHR8:9237315	SSF x LoA	-10,794	0,133	0,288
CHR8	925082	CHR8:925082	SSF x LoA	-9,788	0,005	0,289
CHR8	925169	CHR8:925169	SSF x LoA	-9,335	0,070	0,288
CHR8	925203	CHR8:925203	SSF x LoA	-10,529	0,056	0,267
CHR8	925292	CHR8:925292	SSF x LoA	-5,790	0,199	0,272
CHR8	925346	CHR8:925346	SSF x LoA	-11,496	-0,035	0,279
CHR8	925476	CHR8:925476	SSF x LoA	-11,240	-0,048	0,284
CHR8	9256277	CHR8:9256277	SSF x LoA	-8,866	0,080	0,289
CHR8	9256414	CHR8:9256414	SSF x LoA	-9,428	0,112	0,289
CHR8	9256456	CHR8:9256456	SSF x LoA	-7,889	0,120	0,289
CHR8	927665	CHR8:927665	SSF x LoA	-8,967	-0,071	0,291
CHR8	927679	CHR8:927679	SSF x LoA	-10,663	-0,018	0,307
CHR8	927726	CHR8:927726	SSF x LoA	-9,547	0,091	0,285
CHR8	9281627	CHR8:9281627	SSF x LoA	-10,672	-0,004	0,300
CHR8	9281661	CHR8:9281661	SSF x LoA	-7,516	-0,003	0,296
CHR8	9281689	CHR8:9281689	SSF x LoA	-9,125	-0,093	0,277
CHR8	9281738	CHR8:9281738	SSF x LoA	-9,012	-0,100	0,282
CHR8	9281747	CHR8:9281747	SSF x LoA	-10,661	0,041	0,278
CHR8	9287883	CHR8:9287883	SSF x LoA	-8,314	-0,072	0,278
CHR8	9287931	CHR8:9287931	SSF x LoA	-8,197	-0,053	0,283
CHR8	9288041	CHR8:9288041	SSF x LoA	-5,929	0,050	0,281
CHR8	9312990	CHR8:9312990	SSF x LoA	-9,209	-0,066	0,299
CHR8	9313046	CHR8:9313046	SSF x LoA	-11,685	0,003	0,287
CHR8	9321829	CHR8:9321829	SSF x LoA	-5,014	-0,105	0,293
CHR8	9327500	CHR8:9327500	SSF x LoA	-10,620	-0,016	0,296
CHR8	9342927	CHR8:9342927	SSF x LoA	-5,214	-0,045	0,288
CHR8	9343347	CHR8:9343347	SSF x LoA	-8,515	0,049	0,295
CHR8	9346108	CHR8:9346108	SSF x LoA	-9,566	-0,126	0,276
CHR8	9360179	CHR8:9360179	SSF x LoA	-6,222	0,075	0,289
CHR8	9360206	CHR8:9360206	SSF x LoA	-3,536	0,065	0,291
CHR8	9360286	CHR8:9360286	SSF x LoA	-7,504	0,050	0,298
CHR8	9364304	CHR8:9364304	SSF x LoA	-7,934	0,054	0,271
CHR8	937181	CHR8:937181	SSF x LoA	-8,969	0,026	0,287
CHR8	937411	CHR8:937411	SSF x LoA	-7,956	-0,063	0,281
CHR8	937455	CHR8:937455	SSF x LoA	-10,959	0,036	0,285
CHR8	937501	CHR8:937501	SSF x LoA	-8,117	0,057	0,271
CHR8	937582	CHR8:937582	SSF x LoA	-8,058	-0,037	0,286
CHR8	937584	CHR8:937584	SSF x LoA	-10,541	-0,044	0,286
CHR8	937637	CHR8:937637	SSF x LoA	-10,079	-0,057	0,289
CHR8	937662	CHR8:937662	SSF x LoA	-6,402	0,147	0,278
CHR8	9381497	CHR8:9381497	SSF x LoA	-11,396	0,023	0,290
CHR8	9381580	CHR8:9381580	SSF x LoA	-7,573	0,066	0,283
CHR8	9414768	CHR8:9414768	SSF x LoA	-9,261	-0,065	0,284
CHR8	9414846	CHR8:9414846	SSF x LoA	-8,941	-0,021	0,299
CHR8	9414858	CHR8:9414858	SSF x LoA	-5,073	-0,206	0,279

CHR8	9414925	CHR8:9414925	SSF x LoA	-3,317	0,258	0,275
CHR8	9415015	CHR8:9415015	SSF x LoA	-7,934	0,041	0,304
CHR8	942784	CHR8:942784	SSF x LoA	-9,190	0,026	0,295
CHR8	9434624	CHR8:9434624	SSF x LoA	-9,709	-0,045	0,289
CHR8	9434710	CHR8:9434710	SSF x LoA	-10,341	-0,024	0,292
CHR8	9434722	CHR8:9434722	SSF x LoA	-9,632	0,001	0,293
CHR8	9434783	CHR8:9434783	SSF x LoA	-5,151	-0,061	0,296
CHR8	9437440	CHR8:9437440	SSF x LoA	-9,562	0,054	0,298
CHR8	9437506	CHR8:9437506	SSF x LoA	-9,659	-0,005	0,274
CHR8	9437550	CHR8:9437550	SSF x LoA	-9,005	-0,073	0,284
CHR8	9437579	CHR8:9437579	SSF x LoA	-8,810	0,051	0,291
CHR8	9443850	CHR8:9443850	SSF x LoA	-6,538	-0,019	0,294
CHR8	9449934	CHR8:9449934	SSF x LoA	-8,076	0,018	0,289
CHR8	9466128	CHR8:9466128	SSF x LoA	-8,034	0,034	0,287
CHR8	9466150	CHR8:9466150	SSF x LoA	-4,652	0,086	0,285
CHR8	948097	CHR8:948097	SSF x LoA	-8,251	-0,006	0,293
CHR8	9514025	CHR8:9514025	SSF x LoA	-10,486	-0,034	0,276
CHR8	9521536	CHR8:9521536	SSF x LoA	-10,493	-0,056	0,292
CHR8	9521553	CHR8:9521553	SSF x LoA	-9,893	0,133	0,282
CHR8	9521560	CHR8:9521560	SSF x LoA	-9,921	-0,060	0,290
CHR8	9521566	CHR8:9521566	SSF x LoA	-10,356	-0,049	0,295
CHR8	9539812	CHR8:9539812	SSF x LoA	-9,924	0,006	0,299
CHR8	9539842	CHR8:9539842	SSF x LoA	-8,429	0,047	0,290
CHR8	9542464	CHR8:9542464	SSF x LoA	-8,587	0,026	0,301
CHR8	9544092	CHR8:9544092	SSF x LoA	-7,665	0,130	0,292
CHR8	9544134	CHR8:9544134	SSF x LoA	-7,891	-0,111	0,274
CHR8	9546131	CHR8:9546131	SSF x LoA	-10,161	-0,072	0,274
CHR8	9546195	CHR8:9546195	SSF x LoA	-10,111	-0,097	0,291
CHR8	9546283	CHR8:9546283	SSF x LoA	-8,943	0,052	0,306
CHR8	9546291	CHR8:9546291	SSF x LoA	-11,124	0,065	0,296
CHR8	9553730	CHR8:9553730	SSF x LoA	-8,672	0,046	0,279
CHR8	9553823	CHR8:9553823	SSF x LoA	-4,926	0,142	0,279
CHR8	9553858	CHR8:9553858	SSF x LoA	-7,138	0,120	0,282
CHR8	9554101	CHR8:9554101	SSF x LoA	-5,793	-0,149	0,264
CHR8	9554110	CHR8:9554110	SSF x LoA	-10,281	0,044	0,281
CHR8	9565493	CHR8:9565493	SSF x LoA	-9,345	-0,005	0,278
CHR8	9565702	CHR8:9565702	SSF x LoA	-8,378	0,042	0,295
CHR8	9569703	CHR8:9569703	SSF x LoA	-6,603	0,128	0,279
CHR8	9569717	CHR8:9569717	SSF x LoA	-10,479	-0,067	0,306
CHR8	9569814	CHR8:9569814	SSF x LoA	-8,071	-0,003	0,293
CHR8	9569848	CHR8:9569848	SSF x LoA	-9,254	0,012	0,284
CHR8	9569854	CHR8:9569854	SSF x LoA	-10,216	0,050	0,284
CHR8	9569928	CHR8:9569928	SSF x LoA	-10,845	0,077	0,281
CHR8	9576373	CHR8:9576373	SSF x LoA	-8,973	0,068	0,290
CHR8	9585436	CHR8:9585436	SSF x LoA	-9,197	0,080	0,287
CHR8	9585471	CHR8:9585471	SSF x LoA	-11,146	0,004	0,298
CHR8	9600863	CHR8:9600863	SSF x LoA	-7,838	-0,113	0,292
CHR8	9600872	CHR8:9600872	SSF x LoA	-10,368	0,010	0,282
CHR8	9602572	CHR8:9602572	SSF x LoA	-9,564	-0,140	0,276
CHR8	9609730	CHR8:9609730	SSF x LoA	-9,949	-0,016	0,295
CHR8	9609796	CHR8:9609796	SSF x LoA	-6,607	0,129	0,292
CHR8	9609841	CHR8:9609841	SSF x LoA	-6,766	0,174	0,268
CHR8	9610014	CHR8:9610014	SSF x LoA	-9,477	0,016	0,307

CHR8	9610048	CHR8:9610048	SSF x LoA	-8,869	-0,057	0,287
CHR8	9610059	CHR8:9610059	SSF x LoA	-8,496	0,044	0,289
CHR8	9628494	CHR8:9628494	SSF x LoA	-6,399	0,109	0,297
CHR8	9628761	CHR8:9628761	SSF x LoA	-4,540	-0,159	0,285
CHR8	9633541	CHR8:9633541	SSF x LoA	-11,656	0,048	0,276
CHR8	9633564	CHR8:9633564	SSF x LoA	-11,033	-0,093	0,282
CHR8	9639235	CHR8:9639235	SSF x LoA	-8,646	0,042	0,284
CHR8	9655778	CHR8:9655778	SSF x LoA	-7,622	0,056	0,289
CHR8	9655797	CHR8:9655797	SSF x LoA	-9,014	0,025	0,299
CHR8	9655805	CHR8:9655805	SSF x LoA	-7,529	-0,039	0,293
CHR8	9656033	CHR8:9656033	SSF x LoA	-6,518	-0,085	0,290
CHR8	9658294	CHR8:9658294	SSF x LoA	-8,324	0,049	0,283
CHR8	9658310	CHR8:9658310	SSF x LoA	-5,909	0,200	0,260
CHR8	967992	CHR8:967992	SSF x LoA	-9,964	0,075	0,294
CHR8	968000	CHR8:968000	SSF x LoA	-0,521	-0,149	0,295
CHR8	968038	CHR8:968038	SSF x LoA	-10,632	-0,063	0,282
CHR8	968098	CHR8:968098	SSF x LoA	-4,565	-0,116	0,297
CHR8	968124	CHR8:968124	SSF x LoA	-9,654	0,009	0,296
CHR8	9682939	CHR8:9682939	SSF x LoA	-7,466	0,131	0,298
CHR8	9683153	CHR8:9683153	SSF x LoA	-10,351	0,039	0,276
CHR8	9688866	CHR8:9688866	SSF x LoA	-5,765	0,170	0,283
CHR8	9701146	CHR8:9701146	SSF x LoA	-7,289	-0,086	0,282
CHR8	9711081	CHR8:9711081	SSF x LoA	-10,789	-0,040	0,274
CHR8	9711432	CHR8:9711432	SSF x LoA	-9,322	0,011	0,294
CHR8	9723214	CHR8:9723214	SSF x LoA	-7,794	0,096	0,282
CHR8	9750279	CHR8:9750279	SSF x LoA	-6,822	-0,126	0,278
CHR8	9750291	CHR8:9750291	SSF x LoA	-4,057	-0,150	0,281
CHR8	9750369	CHR8:9750369	SSF x LoA	-7,058	-0,151	0,282
CHR8	9750396	CHR8:9750396	SSF x LoA	-8,310	0,147	0,272
CHR8	9764352	CHR8:9764352	SSF x LoA	-10,803	0,052	0,282
CHR8	9764503	CHR8:9764503	SSF x LoA	-5,361	-0,036	0,288
CHR8	9793053	CHR8:9793053	SSF x LoA	-9,482	0,096	0,286
CHR8	9809284	CHR8:9809284	SSF x LoA	-10,534	0,029	0,292
CHR8	9838117	CHR8:9838117	SSF x LoA	-5,477	-0,119	0,295
CHR8	9847023	CHR8:9847023	SSF x LoA	-10,865	-0,037	0,300
CHR8	9847150	CHR8:9847150	SSF x LoA	-11,545	-0,070	0,273
CHR8	9850184	CHR8:9850184	SSF x LoA	-9,730	-0,048	0,281
CHR8	9850727	CHR8:9850727	SSF x LoA	-8,084	0,044	0,301
CHR8	9852170	CHR8:9852170	SSF x LoA	-7,457	0,060	0,292
CHR8	9855085	CHR8:9855085	SSF x LoA	-9,001	0,027	0,302
CHR8	9871577	CHR8:9871577	SSF x LoA	-8,017	0,075	0,295
CHR8	9884731	CHR8:9884731	SSF x LoA	-4,005	-0,163	0,296
CHR8	9927910	CHR8:9927910	SSF x LoA	-5,611	0,118	0,293
CHR8	9942712	CHR8:9942712	SSF x LoA	-10,349	0,013	0,297
CHR8	9942781	CHR8:9942781	SSF x LoA	-4,047	-0,280	0,264
CHR8	9948137	CHR8:9948137	SSF x LoA	-10,034	-0,040	0,288
CHR8	9956224	CHR8:9956224	SSF x LoA	-10,631	-0,138	0,284
CHR8	9970393	CHR8:9970393	SSF x LoA	-7,709	0,037	0,306
CHR8	9970615	CHR8:9970615	SSF x LoA	-5,048	0,039	0,293
CHR8	9972906	CHR8:9972906	SSF x LoA	-8,043	0,009	0,306
CHR8	9972922	CHR8:9972922	SSF x LoA	-8,314	0,001	0,293
CHR8	9972949	CHR8:9972949	SSF x LoA	-8,265	0,004	0,311
CHR8	9972950	CHR8:9972950	SSF x LoA	-8,721	-0,058	0,291

CHR8	9997537	CHR8:9997537	SSF x LoA	-7,895	0,011	0,302
CHR8	9997610	CHR8:9997610	SSF x LoA	-7,814	-0,051	0,293
CHR8	9997620	CHR8:9997620	SSF x LoA	-7,079	-0,045	0,319
CHR8	9997733	CHR8:9997733	SSF x LoA	-8,574	0,030	0,302
CHR9	1E+07	CHR9:10004235	SSF x LoA	-9,983	0,105	0,300
CHR9	1E+07	CHR9:10010897	SSF x LoA	-7,498	0,128	0,291
CHR9	1E+07	CHR9:10010972	SSF x LoA	-8,854	0,007	0,286
CHR9	1E+07	CHR9:10011137	SSF x LoA	-8,267	0,021	0,289
CHR9	1E+07	CHR9:10036428	SSF x LoA	-8,437	-0,025	0,290
CHR9	1E+07	CHR9:10046111	SSF x LoA	-9,588	0,009	0,302
CHR9	1E+07	CHR9:10046388	SSF x LoA	-10,463	0,009	0,277
CHR9	1E+07	CHR9:10046463	SSF x LoA	-8,362	0,001	0,303
CHR9	1E+07	CHR9:10046464	SSF x LoA	-10,466	-0,071	0,287
CHR9	1E+07	CHR9:10046489	SSF x LoA	-9,276	0,054	0,281
CHR9	1E+07	CHR9:10046556	SSF x LoA	-6,972	-0,230	0,273
CHR9	1E+07	CHR9:10070432	SSF x LoA	-8,982	0,082	0,297
CHR9	1E+07	CHR9:10070464	SSF x LoA	-7,345	0,103	0,292
CHR9	1E+07	CHR9:10070710	SSF x LoA	-7,858	0,140	0,295
CHR9	1E+07	CHR9:10070818	SSF x LoA	-11,134	0,017	0,292
CHR9	1E+07	CHR9:10078816	SSF x LoA	-11,681	-0,030	0,290
CHR9	1E+07	CHR9:10080942	SSF x LoA	-9,503	0,070	0,294
CHR9	1E+07	CHR9:10080955	SSF x LoA	-10,095	0,050	0,310
CHR9	1E+07	CHR9:10080958	SSF x LoA	-10,238	0,012	0,272
CHR9	1E+07	CHR9:10082642	SSF x LoA	-8,654	0,074	0,292
CHR9	1E+07	CHR9:10101890	SSF x LoA	-8,472	0,161	0,280
CHR9	1E+07	CHR9:10107090	SSF x LoA	-6,035	-0,259	0,270
CHR9	1E+07	CHR9:10107095	SSF x LoA	-10,297	0,043	0,275
CHR9	1E+07	CHR9:10107131	SSF x LoA	-6,239	0,165	0,269
CHR9	1E+07	CHR9:10122246	SSF x LoA	-8,907	0,100	0,287
CHR9	1E+07	CHR9:10122319	SSF x LoA	-4,951	-0,210	0,284
CHR9	1E+07	CHR9:10124859	SSF x LoA	-11,440	-0,005	0,287
CHR9	1E+07	CHR9:10155312	SSF x LoA	-7,848	-0,095	0,298
CHR9	1E+07	CHR9:10155315	SSF x LoA	-7,239	0,089	0,300
CHR9	1E+07	CHR9:10155465	SSF x LoA	-9,339	0,060	0,281
CHR9	1E+07	CHR9:10155476	SSF x LoA	-9,642	0,064	0,271
CHR9	1E+07	CHR9:10155516	SSF x LoA	-9,122	0,062	0,299
CHR9	1E+07	CHR9:10155526	SSF x LoA	-5,997	-0,030	0,287
CHR9	1E+07	CHR9:10155580	SSF x LoA	-9,433	0,036	0,284
CHR9	1E+07	CHR9:10155607	SSF x LoA	-8,946	0,022	0,280
CHR9	1E+07	CHR9:10160264	SSF x LoA	-4,681	-0,152	0,283
CHR9	1E+07	CHR9:10175876	SSF x LoA	-6,087	-0,125	0,292
CHR9	1E+07	CHR9:10188583	SSF x LoA	-8,160	-0,018	0,298
CHR9	1E+07	CHR9:10201619	SSF x LoA	-7,706	0,041	0,292
CHR9	1E+07	CHR9:10207357	SSF x LoA	-7,415	0,021	0,302
CHR9	1E+07	CHR9:10210531	SSF x LoA	-7,303	0,049	0,287
CHR9	1E+07	CHR9:10210542	SSF x LoA	-9,340	0,076	0,285
CHR9	1E+07	CHR9:10217309	SSF x LoA	-10,633	-0,105	0,276
CHR9	1E+07	CHR9:10217330	SSF x LoA	-10,880	-0,034	0,285
CHR9	1E+07	CHR9:10227529	SSF x LoA	-10,260	0,091	0,287
CHR9	1E+07	CHR9:10246405	SSF x LoA	-9,363	0,041	0,278
CHR9	1E+07	CHR9:10246413	SSF x LoA	-10,196	0,109	0,285
CHR9	1E+07	CHR9:10246418	SSF x LoA	-8,887	0,086	0,285
CHR9	1E+07	CHR9:10246493	SSF x LoA	-6,985	-0,153	0,274

CHR9	1E+07	CHR9:10246519	SSF x LoA	-8,531	-0,108	0,294
CHR9	1E+07	CHR9:10246609	SSF x LoA	-4,691	0,182	0,287
CHR9	1E+07	CHR9:10257919	SSF x LoA	-11,480	-0,058	0,285
CHR9	1E+07	CHR9:10257954	SSF x LoA	-9,645	0,001	0,303
CHR9	1E+07	CHR9:10258067	SSF x LoA	-10,072	-0,112	0,282
CHR9	1E+07	CHR9:10258159	SSF x LoA	-10,331	0,019	0,280
CHR9	1E+07	CHR9:10288712	SSF x LoA	-9,749	-0,082	0,275
CHR9	1031119	CHR9:1031119	SSF x LoA	-6,461	0,155	0,289
CHR9	1031123	CHR9:1031123	SSF x LoA	-9,481	0,080	0,279
CHR9	1031129	CHR9:1031129	SSF x LoA	-10,476	-0,021	0,279
CHR9	1031135	CHR9:1031135	SSF x LoA	-9,391	-0,015	0,284
CHR9	1031153	CHR9:1031153	SSF x LoA	-5,886	0,161	0,283
CHR9	1031194	CHR9:1031194	SSF x LoA	-6,780	0,041	0,292
CHR9	1031195	CHR9:1031195	SSF x LoA	-10,074	0,058	0,290
CHR9	1031371	CHR9:1031371	SSF x LoA	-7,794	-0,064	0,297
CHR9	1E+07	CHR9:10319195	SSF x LoA	-7,139	0,163	0,265
CHR9	1E+07	CHR9:10319325	SSF x LoA	-7,555	0,123	0,280
CHR9	1E+07	CHR9:10319400	SSF x LoA	-7,957	-0,111	0,282
CHR9	1E+07	CHR9:10319426	SSF x LoA	-8,319	-0,177	0,278
CHR9	1E+07	CHR9:10322862	SSF x LoA	-8,265	-0,087	0,263
CHR9	1E+07	CHR9:10322900	SSF x LoA	-8,354	0,023	0,277
CHR9	1036668	CHR9:1036668	SSF x LoA	-5,965	-0,007	0,291
CHR9	1E+07	CHR9:10367556	SSF x LoA	-9,430	-0,141	0,280
CHR9	1E+07	CHR9:10370423	SSF x LoA	-9,478	0,016	0,282
CHR9	1E+07	CHR9:10370437	SSF x LoA	-10,689	0,033	0,285
CHR9	1E+07	CHR9:10375601	SSF x LoA	-7,608	-0,117	0,283
CHR9	1E+07	CHR9:10384179	SSF x LoA	-5,676	-0,213	0,282
CHR9	1E+07	CHR9:10384349	SSF x LoA	-7,994	-0,047	0,280
CHR9	1E+07	CHR9:10410741	SSF x LoA	-9,090	-0,039	0,300
CHR9	1E+07	CHR9:10410838	SSF x LoA	-7,978	-0,147	0,283
CHR9	1E+07	CHR9:10410859	SSF x LoA	-8,977	0,002	0,290
CHR9	1E+07	CHR9:10426745	SSF x LoA	-8,410	0,050	0,290
CHR9	1E+07	CHR9:10426777	SSF x LoA	-8,452	-0,066	0,278
CHR9	1E+07	CHR9:10426845	SSF x LoA	-8,205	0,033	0,299
CHR9	1E+07	CHR9:10440948	SSF x LoA	-8,210	0,079	0,280
CHR9	1E+07	CHR9:10448236	SSF x LoA	-9,155	-0,001	0,277
CHR9	1E+07	CHR9:10448240	SSF x LoA	-8,886	0,051	0,286
CHR9	1E+07	CHR9:10448252	SSF x LoA	-10,429	0,020	0,284
CHR9	1E+07	CHR9:10448257	SSF x LoA	-8,499	-0,012	0,302
CHR9	1E+07	CHR9:10448272	SSF x LoA	1,996	0,134	0,277
CHR9	1E+07	CHR9:10448279	SSF x LoA	-6,111	0,094	0,296
CHR9	1E+07	CHR9:10448350	SSF x LoA	-7,384	0,011	0,301
CHR9	1E+07	CHR9:10448650	SSF x LoA	-10,995	0,003	0,296
CHR9	1E+07	CHR9:10448664	SSF x LoA	-7,864	0,028	0,288
CHR9	1E+07	CHR9:10448668	SSF x LoA	-7,669	0,026	0,286
CHR9	1E+07	CHR9:10449976	SSF x LoA	-7,879	-0,041	0,294
CHR9	1E+07	CHR9:10476521	SSF x LoA	-7,629	-0,040	0,302
CHR9	1E+07	CHR9:10479657	SSF x LoA	-8,198	-0,094	0,277
CHR9	1E+07	CHR9:10486720	SSF x LoA	-10,431	-0,042	0,295
CHR9	1049676	CHR9:1049676	SSF x LoA	-8,023	-0,066	0,288
CHR9	10503535	CHR9:10503535	SSF x LoA	-8,193	0,000	0,291
CHR9	10503553	CHR9:10503553	SSF x LoA	-8,158	-0,060	0,286
CHR9	10511797	CHR9:10511797	SSF x LoA	-8,816	0,001	0,294

CHR9	10524540	CHR9:10524540	SSF x LoA	-6,715	0,072	0,261
CHR9	10524554	CHR9:10524554	SSF x LoA	-11,247	0,038	0,269
CHR9	10524583	CHR9:10524583	SSF x LoA	-6,905	-0,107	0,294
CHR9	10524611	CHR9:10524611	SSF x LoA	-10,856	0,036	0,274
CHR9	10536388	CHR9:10536388	SSF x LoA	-8,130	0,078	0,298
CHR9	10536397	CHR9:10536397	SSF x LoA	-8,176	-0,004	0,308
CHR9	10536438	CHR9:10536438	SSF x LoA	-7,644	-0,040	0,306
CHR9	10536506	CHR9:10536506	SSF x LoA	-9,891	0,060	0,293
CHR9	10536549	CHR9:10536549	SSF x LoA	-9,279	0,012	0,293
CHR9	10536571	CHR9:10536571	SSF x LoA	-8,652	-0,127	0,284
CHR9	10558827	CHR9:10558827	SSF x LoA	-10,337	-0,090	0,279
CHR9	10560933	CHR9:10560933	SSF x LoA	-10,689	-0,046	0,294
CHR9	10570802	CHR9:10570802	SSF x LoA	-11,488	0,030	0,279
CHR9	10570881	CHR9:10570881	SSF x LoA	-8,536	-0,155	0,279
CHR9	10582859	CHR9:10582859	SSF x LoA	-9,620	0,038	0,298
CHR9	10593815	CHR9:10593815	SSF x LoA	-4,753	0,073	0,301
CHR9	10609553	CHR9:10609553	SSF x LoA	-9,976	0,123	0,266
CHR9	10609582	CHR9:10609582	SSF x LoA	-5,308	-0,129	0,284
CHR9	10609678	CHR9:10609678	SSF x LoA	-6,270	0,125	0,290
CHR9	10611002	CHR9:10611002	SSF x LoA	-6,581	0,079	0,296
CHR9	10611019	CHR9:10611019	SSF x LoA	-8,261	0,051	0,299
CHR9	10611073	CHR9:10611073	SSF x LoA	-10,912	0,078	0,297
CHR9	10611218	CHR9:10611218	SSF x LoA	-8,998	0,101	0,289
CHR9	10611306	CHR9:10611306	SSF x LoA	-8,213	0,118	0,293
CHR9	10638353	CHR9:10638353	SSF x LoA	-9,346	-0,107	0,283
CHR9	1063861	CHR9:1063861	SSF x LoA	-6,991	0,124	0,287
CHR9	10644389	CHR9:10644389	SSF x LoA	-7,038	-0,085	0,276
CHR9	10644390	CHR9:10644390	SSF x LoA	-9,141	0,058	0,292
CHR9	10666906	CHR9:10666906	SSF x LoA	-9,624	0,099	0,294
CHR9	10666964	CHR9:10666964	SSF x LoA	-9,863	0,052	0,285
CHR9	10671562	CHR9:10671562	SSF x LoA	-7,781	0,024	0,296
CHR9	10671631	CHR9:10671631	SSF x LoA	-9,037	0,094	0,287
CHR9	10674155	CHR9:10674155	SSF x LoA	-7,611	-0,006	0,294
CHR9	10674194	CHR9:10674194	SSF x LoA	-7,311	0,129	0,290
CHR9	10680131	CHR9:10680131	SSF x LoA	-3,852	0,147	0,281
CHR9	10680151	CHR9:10680151	SSF x LoA	-8,831	0,141	0,280
CHR9	10680152	CHR9:10680152	SSF x LoA	-8,040	0,137	0,280
CHR9	10680225	CHR9:10680225	SSF x LoA	-11,145	0,034	0,282
CHR9	10680341	CHR9:10680341	SSF x LoA	-6,818	0,026	0,288
CHR9	10684539	CHR9:10684539	SSF x LoA	-10,363	0,019	0,278
CHR9	10684784	CHR9:10684784	SSF x LoA	-9,424	-0,025	0,293
CHR9	10686158	CHR9:10686158	SSF x LoA	-8,408	-0,045	0,282
CHR9	10691041	CHR9:10691041	SSF x LoA	-9,695	0,034	0,286
CHR9	10695173	CHR9:10695173	SSF x LoA	-7,599	0,109	0,294
CHR9	10706716	CHR9:10706716	SSF x LoA	-5,011	0,091	0,292
CHR9	10706817	CHR9:10706817	SSF x LoA	-9,921	0,066	0,297
CHR9	10706853	CHR9:10706853	SSF x LoA	-6,881	-0,141	0,280
CHR9	10706881	CHR9:10706881	SSF x LoA	-4,894	-0,099	0,292
CHR9	10706882	CHR9:10706882	SSF x LoA	-6,129	-0,124	0,272
CHR9	10706885	CHR9:10706885	SSF x LoA	-9,311	0,073	0,295
CHR9	1071489	CHR9:1071489	SSF x LoA	-9,869	0,054	0,286
CHR9	1071609	CHR9:1071609	SSF x LoA	-9,271	-0,001	0,297
CHR9	1071650	CHR9:1071650	SSF x LoA	-5,995	-0,097	0,277

CHR9	10724089	CHR9:10724089	SSF x LoA	-9,712	-0,091	0,292
CHR9	10724185	CHR9:10724185	SSF x LoA	-9,489	-0,037	0,292
CHR9	10724233	CHR9:10724233	SSF x LoA	-8,027	0,120	0,284
CHR9	10724267	CHR9:10724267	SSF x LoA	-7,901	-0,024	0,284
CHR9	10724284	CHR9:10724284	SSF x LoA	-9,655	0,002	0,297
CHR9	10732817	CHR9:10732817	SSF x LoA	-8,457	-0,004	0,284
CHR9	10732922	CHR9:10732922	SSF x LoA	-9,225	-0,072	0,282
CHR9	10746454	CHR9:10746454	SSF x LoA	-11,219	-0,029	0,301
CHR9	10746459	CHR9:10746459	SSF x LoA	-8,904	-0,148	0,274
CHR9	10746652	CHR9:10746652	SSF x LoA	-10,336	0,011	0,289
CHR9	10750707	CHR9:10750707	SSF x LoA	-9,201	0,091	0,272
CHR9	10750714	CHR9:10750714	SSF x LoA	-9,601	0,086	0,277
CHR9	10758784	CHR9:10758784	SSF x LoA	-2,689	0,077	0,295
CHR9	10776620	CHR9:10776620	SSF x LoA	-10,431	0,049	0,296
CHR9	10791943	CHR9:10791943	SSF x LoA	-8,402	-0,077	0,284
CHR9	10791988	CHR9:10791988	SSF x LoA	-10,487	-0,032	0,298
CHR9	10792211	CHR9:10792211	SSF x LoA	-7,910	-0,215	0,280
CHR9	10795566	CHR9:10795566	SSF x LoA	-9,580	0,066	0,298
CHR9	10837397	CHR9:10837397	SSF x LoA	-6,330	-0,127	0,290
CHR9	10837647	CHR9:10837647	SSF x LoA	-9,434	0,151	0,283
CHR9	10840982	CHR9:10840982	SSF x LoA	-5,775	-0,006	0,284
CHR9	10841247	CHR9:10841247	SSF x LoA	-9,589	0,124	0,285
CHR9	10861293	CHR9:10861293	SSF x LoA	-10,087	-0,075	0,291
CHR9	10861539	CHR9:10861539	SSF x LoA	-8,440	-0,081	0,300
CHR9	10861548	CHR9:10861548	SSF x LoA	-7,946	0,068	0,290
CHR9	10867509	CHR9:10867509	SSF x LoA	-9,007	-0,022	0,286
CHR9	10876758	CHR9:10876758	SSF x LoA	-8,645	-0,124	0,292
CHR9	10879846	CHR9:10879846	SSF x LoA	-7,712	0,091	0,296
CHR9	10879883	CHR9:10879883	SSF x LoA	-10,038	-0,076	0,303
CHR9	10893617	CHR9:10893617	SSF x LoA	-3,468	0,054	0,284
CHR9	10893953	CHR9:10893953	SSF x LoA	-9,300	0,029	0,279
CHR9	10896281	CHR9:10896281	SSF x LoA	-9,637	-0,037	0,290
CHR9	10896289	CHR9:10896289	SSF x LoA	-10,885	0,023	0,293
CHR9	10896435	CHR9:10896435	SSF x LoA	-10,858	0,041	0,287
CHR9	10896436	CHR9:10896436	SSF x LoA	-6,196	0,168	0,303
CHR9	10905485	CHR9:10905485	SSF x LoA	-7,325	-0,063	0,300
CHR9	10905561	CHR9:10905561	SSF x LoA	-7,364	0,180	0,296
CHR9	10905597	CHR9:10905597	SSF x LoA	-1,389	-0,203	0,261
CHR9	10916668	CHR9:10916668	SSF x LoA	-9,699	0,013	0,294
CHR9	10916802	CHR9:10916802	SSF x LoA	-7,299	-0,119	0,285
CHR9	10916934	CHR9:10916934	SSF x LoA	-4,913	-0,182	0,265
CHR9	10921163	CHR9:10921163	SSF x LoA	-11,476	0,002	0,281
CHR9	10943703	CHR9:10943703	SSF x LoA	-6,731	-0,142	0,286
CHR9	10943746	CHR9:10943746	SSF x LoA	-11,448	0,018	0,284
CHR9	10943768	CHR9:10943768	SSF x LoA	-8,620	0,008	0,305
CHR9	10943840	CHR9:10943840	SSF x LoA	-9,478	0,121	0,293
CHR9	10943924	CHR9:10943924	SSF x LoA	-8,254	0,041	0,285
CHR9	10949482	CHR9:10949482	SSF x LoA	-10,116	0,135	0,281
CHR9	10972956	CHR9:10972956	SSF x LoA	-9,608	-0,025	0,288
CHR9	1098170	CHR9:1098170	SSF x LoA	-0,154	-0,134	0,297
CHR9	1098265	CHR9:1098265	SSF x LoA	-8,486	-0,098	0,278
CHR9	1098272	CHR9:1098272	SSF x LoA	-10,627	0,045	0,283
CHR9	1098280	CHR9:1098280	SSF x LoA	-9,173	-0,036	0,282

CHR9	1098315	CHR9:1098315	SSF x LoA	-8,597	0,090	0,283
CHR9	1098316	CHR9:1098316	SSF x LoA	-5,682	0,048	0,301
CHR9	1098371	CHR9:1098371	SSF x LoA	-6,374	0,018	0,293
CHR9	10995472	CHR9:10995472	SSF x LoA	-8,686	-0,088	0,290
CHR9	10995494	CHR9:10995494	SSF x LoA	-9,499	-0,004	0,279
CHR9	10995505	CHR9:10995505	SSF x LoA	-8,564	-0,023	0,278
CHR9	10995577	CHR9:10995577	SSF x LoA	-8,909	-0,003	0,280
CHR9	11003661	CHR9:11003661	SSF x LoA	-8,180	0,005	0,302
CHR9	11003684	CHR9:11003684	SSF x LoA	-6,927	0,112	0,287
CHR9	11008429	CHR9:11008429	SSF x LoA	-7,339	0,103	0,295
CHR9	11008434	CHR9:11008434	SSF x LoA	-11,014	0,013	0,288
CHR9	11008548	CHR9:11008548	SSF x LoA	-4,527	0,090	0,296
CHR9	11008615	CHR9:11008615	SSF x LoA	-9,479	0,123	0,287
CHR9	11011239	CHR9:11011239	SSF x LoA	-8,531	-0,104	0,283
CHR9	11011295	CHR9:11011295	SSF x LoA	-8,497	-0,041	0,302
CHR9	11014389	CHR9:11014389	SSF x LoA	-9,964	-0,096	0,282
CHR9	11014476	CHR9:11014476	SSF x LoA	-10,793	-0,042	0,294
CHR9	11014540	CHR9:11014540	SSF x LoA	-9,360	0,035	0,283
CHR9	1101640	CHR9:1101640	SSF x LoA	-10,990	-0,007	0,286
CHR9	11019283	CHR9:11019283	SSF x LoA	-9,696	-0,009	0,293
CHR9	11019302	CHR9:11019302	SSF x LoA	-6,637	0,170	0,273
CHR9	11019326	CHR9:11019326	SSF x LoA	-5,189	0,179	0,280
CHR9	11019333	CHR9:11019333	SSF x LoA	-7,613	0,124	0,302
CHR9	11019376	CHR9:11019376	SSF x LoA	-2,153	0,185	0,282
CHR9	11019405	CHR9:11019405	SSF x LoA	-7,300	0,090	0,278
CHR9	11019454	CHR9:11019454	SSF x LoA	4,583	0,022	0,303
CHR9	11022528	CHR9:11022528	SSF x LoA	-2,245	-0,084	0,292
CHR9	11025774	CHR9:11025774	SSF x LoA	-10,309	0,029	0,286
CHR9	11031253	CHR9:11031253	SSF x LoA	-6,529	0,012	0,274
CHR9	11036244	CHR9:11036244	SSF x LoA	-7,965	0,088	0,282
CHR9	11036334	CHR9:11036334	SSF x LoA	-8,726	-0,140	0,282
CHR9	11039897	CHR9:11039897	SSF x LoA	-8,738	0,131	0,291
CHR9	11039902	CHR9:11039902	SSF x LoA	-9,348	-0,035	0,287
CHR9	11039921	CHR9:11039921	SSF x LoA	-9,279	0,153	0,283
CHR9	11040995	CHR9:11040995	SSF x LoA	-8,547	-0,013	0,303
CHR9	11041021	CHR9:11041021	SSF x LoA	-7,744	-0,064	0,301
CHR9	11041091	CHR9:11041091	SSF x LoA	-10,532	0,018	0,284
CHR9	11041101	CHR9:11041101	SSF x LoA	-10,487	-0,033	0,280
CHR9	11041117	CHR9:11041117	SSF x LoA	-7,900	-0,053	0,304
CHR9	11041143	CHR9:11041143	SSF x LoA	-6,533	0,074	0,298
CHR9	11062745	CHR9:11062745	SSF x LoA	-9,264	0,068	0,295
CHR9	11062825	CHR9:11062825	SSF x LoA	-8,262	0,016	0,305
CHR9	11065844	CHR9:11065844	SSF x LoA	-10,941	0,020	0,268
CHR9	11065928	CHR9:11065928	SSF x LoA	-8,281	0,045	0,292
CHR9	11065942	CHR9:11065942	SSF x LoA	-8,567	0,117	0,274
CHR9	11068417	CHR9:11068417	SSF x LoA	-8,289	0,064	0,286
CHR9	11068483	CHR9:11068483	SSF x LoA	-6,581	-0,120	0,293
CHR9	11068669	CHR9:11068669	SSF x LoA	-10,016	-0,119	0,286
CHR9	11083886	CHR9:11083886	SSF x LoA	-9,905	-0,052	0,302
CHR9	11087421	CHR9:11087421	SSF x LoA	-8,300	-0,036	0,286
CHR9	11087425	CHR9:11087425	SSF x LoA	-10,308	0,060	0,298
CHR9	11087492	CHR9:11087492	SSF x LoA	-11,003	-0,055	0,282
CHR9	11087522	CHR9:11087522	SSF x LoA	-7,431	0,111	0,275

CHR9	1110153	CHR9:1110153	SSF x LoA	-11,466	0,011	0,294
CHR9	11112621	CHR9:11112621	SSF x LoA	-10,104	-0,056	0,290
CHR9	11120200	CHR9:11120200	SSF x LoA	-8,339	-0,020	0,283
CHR9	1113074	CHR9:1113074	SSF x LoA	-10,354	-0,002	0,294
CHR9	1113117	CHR9:1113117	SSF x LoA	-8,232	-0,065	0,290
CHR9	11135743	CHR9:11135743	SSF x LoA	-8,198	0,048	0,289
CHR9	11147696	CHR9:11147696	SSF x LoA	-7,984	-0,031	0,294
CHR9	11147954	CHR9:11147954	SSF x LoA	-10,004	0,001	0,291
CHR9	11153213	CHR9:11153213	SSF x LoA	-6,848	-0,039	0,299
CHR9	11153330	CHR9:11153330	SSF x LoA	-6,939	0,084	0,291
CHR9	11166466	CHR9:11166466	SSF x LoA	-9,259	0,052	0,277
CHR9	11166500	CHR9:11166500	SSF x LoA	-9,693	0,005	0,296
CHR9	11166549	CHR9:11166549	SSF x LoA	-10,078	0,024	0,299
CHR9	11166556	CHR9:11166556	SSF x LoA	1,387	-0,225	0,275
CHR9	11166654	CHR9:11166654	SSF x LoA	-7,830	0,089	0,296
CHR9	11166661	CHR9:11166661	SSF x LoA	-7,954	-0,084	0,296
CHR9	11166664	CHR9:11166664	SSF x LoA	16,125	-0,122	0,297
CHR9	11185293	CHR9:11185293	SSF x LoA	-8,960	-0,156	0,285
CHR9	11190821	CHR9:11190821	SSF x LoA	-7,671	-0,054	0,295
CHR9	11190825	CHR9:11190825	SSF x LoA	-8,558	-0,017	0,287
CHR9	11190840	CHR9:11190840	SSF x LoA	-3,209	0,170	0,288
CHR9	11190851	CHR9:11190851	SSF x LoA	-4,922	0,176	0,289
CHR9	11190864	CHR9:11190864	SSF x LoA	-3,929	-0,047	0,296
CHR9	11190874	CHR9:11190874	SSF x LoA	-5,933	0,171	0,281
CHR9	11190910	CHR9:11190910	SSF x LoA	-11,310	-0,016	0,269
CHR9	11225066	CHR9:11225066	SSF x LoA	-3,937	-0,190	0,283
CHR9	11231832	CHR9:11231832	SSF x LoA	-9,229	0,107	0,292
CHR9	11231988	CHR9:11231988	SSF x LoA	-9,694	0,006	0,279
CHR9	1123784	CHR9:1123784	SSF x LoA	-9,985	0,013	0,287
CHR9	1123802	CHR9:1123802	SSF x LoA	-7,618	0,064	0,303
CHR9	1123824	CHR9:1123824	SSF x LoA	-10,623	0,102	0,290
CHR9	11241451	CHR9:11241451	SSF x LoA	-8,834	-0,033	0,293
CHR9	11241491	CHR9:11241491	SSF x LoA	-10,054	-0,091	0,287
CHR9	11246814	CHR9:11246814	SSF x LoA	-10,261	-0,061	0,291
CHR9	11248533	CHR9:11248533	SSF x LoA	-8,119	0,109	0,283
CHR9	11248541	CHR9:11248541	SSF x LoA	-7,992	0,042	0,287
CHR9	11248564	CHR9:11248564	SSF x LoA	-8,574	-0,086	0,289
CHR9	11248585	CHR9:11248585	SSF x LoA	-10,421	0,069	0,296
CHR9	11248596	CHR9:11248596	SSF x LoA	-9,631	0,058	0,308
CHR9	11252261	CHR9:11252261	SSF x LoA	-9,133	0,012	0,299
CHR9	11289723	CHR9:11289723	SSF x LoA	-8,315	-0,084	0,300
CHR9	11289784	CHR9:11289784	SSF x LoA	-11,231	-0,065	0,284
CHR9	11289800	CHR9:11289800	SSF x LoA	-8,092	-0,128	0,291
CHR9	11289825	CHR9:11289825	SSF x LoA	-10,492	-0,078	0,297
CHR9	11289841	CHR9:11289841	SSF x LoA	-10,548	-0,097	0,300
CHR9	11289849	CHR9:11289849	SSF x LoA	-10,074	-0,084	0,286
CHR9	11290103	CHR9:11290103	SSF x LoA	-7,945	0,071	0,286
CHR9	11298515	CHR9:11298515	SSF x LoA	-9,818	-0,011	0,286
CHR9	11298517	CHR9:11298517	SSF x LoA	-7,468	-0,097	0,304
CHR9	11298574	CHR9:11298574	SSF x LoA	-7,687	0,008	0,296
CHR9	11298593	CHR9:11298593	SSF x LoA	-8,590	-0,103	0,291
CHR9	11298695	CHR9:11298695	SSF x LoA	-7,383	0,119	0,284
CHR9	11298699	CHR9:11298699	SSF x LoA	-7,900	-0,073	0,286

CHR9	11304953	CHR9:11304953	SSF x LoA	-10,672	-0,028	0,290
CHR9	11305074	CHR9:11305074	SSF x LoA	-9,822	0,119	0,294
CHR9	11327171	CHR9:11327171	SSF x LoA	-8,713	-0,046	0,294
CHR9	11327186	CHR9:11327186	SSF x LoA	-8,920	-0,035	0,297
CHR9	11327255	CHR9:11327255	SSF x LoA	-10,261	0,053	0,286
CHR9	11329808	CHR9:11329808	SSF x LoA	-8,922	0,091	0,293
CHR9	11329854	CHR9:11329854	SSF x LoA	-7,906	-0,068	0,310
CHR9	11353029	CHR9:11353029	SSF x LoA	-6,128	-0,027	0,294
CHR9	11354181	CHR9:11354181	SSF x LoA	2,278	0,195	0,291
CHR9	11356162	CHR9:11356162	SSF x LoA	-10,649	0,042	0,287
CHR9	11356193	CHR9:11356193	SSF x LoA	-11,292	-0,025	0,277
CHR9	11357239	CHR9:11357239	SSF x LoA	-7,414	0,016	0,300
CHR9	11357260	CHR9:11357260	SSF x LoA	-9,103	0,103	0,298
CHR9	11357276	CHR9:11357276	SSF x LoA	-8,917	-0,064	0,296
CHR9	11357336	CHR9:11357336	SSF x LoA	-10,242	-0,075	0,285
CHR9	11357359	CHR9:11357359	SSF x LoA	-9,079	-0,038	0,286
CHR9	11361140	CHR9:11361140	SSF x LoA	-9,737	-0,091	0,295
CHR9	11361178	CHR9:11361178	SSF x LoA	-10,109	-0,039	0,280
CHR9	11361263	CHR9:11361263	SSF x LoA	-11,078	0,047	0,289
CHR9	11361281	CHR9:11361281	SSF x LoA	-8,728	-0,039	0,288
CHR9	11361299	CHR9:11361299	SSF x LoA	-9,083	-0,127	0,278
CHR9	11361304	CHR9:11361304	SSF x LoA	-8,744	0,014	0,288
CHR9	11361307	CHR9:11361307	SSF x LoA	-8,369	0,057	0,297
CHR9	11361311	CHR9:11361311	SSF x LoA	-10,094	0,070	0,298
CHR9	11361329	CHR9:11361329	SSF x LoA	-11,456	0,031	0,294
CHR9	11361407	CHR9:11361407	SSF x LoA	-6,491	-0,097	0,285
CHR9	11364093	CHR9:11364093	SSF x LoA	-6,902	0,149	0,271
CHR9	11364176	CHR9:11364176	SSF x LoA	-6,687	-0,182	0,277
CHR9	11364234	CHR9:11364234	SSF x LoA	-7,889	-0,049	0,291
CHR9	11364290	CHR9:11364290	SSF x LoA	-6,968	0,167	0,268
CHR9	11364297	CHR9:11364297	SSF x LoA	-5,852	0,129	0,263
CHR9	11364311	CHR9:11364311	SSF x LoA	-7,953	-0,115	0,272
CHR9	11364316	CHR9:11364316	SSF x LoA	-10,790	-0,053	0,282
CHR9	11364334	CHR9:11364334	SSF x LoA	-7,472	0,090	0,293
CHR9	11364373	CHR9:11364373	SSF x LoA	-7,955	0,124	0,276
CHR9	11378739	CHR9:11378739	SSF x LoA	-8,499	-0,040	0,301
CHR9	11378882	CHR9:11378882	SSF x LoA	-9,451	0,007	0,292
CHR9	11390455	CHR9:11390455	SSF x LoA	-8,036	-0,019	0,286
CHR9	11390475	CHR9:11390475	SSF x LoA	-8,441	0,114	0,285
CHR9	11390500	CHR9:11390500	SSF x LoA	-10,080	-0,066	0,283
CHR9	11390676	CHR9:11390676	SSF x LoA	-6,481	-0,028	0,301
CHR9	11396036	CHR9:11396036	SSF x LoA	-9,842	0,018	0,291
CHR9	11396054	CHR9:11396054	SSF x LoA	-8,937	0,021	0,291
CHR9	11396063	CHR9:11396063	SSF x LoA	-9,574	0,076	0,302
CHR9	11396078	CHR9:11396078	SSF x LoA	-10,778	0,008	0,294
CHR9	11396135	CHR9:11396135	SSF x LoA	-10,645	0,000	0,299
CHR9	11396205	CHR9:11396205	SSF x LoA	-8,009	0,083	0,289
CHR9	11396219	CHR9:11396219	SSF x LoA	-11,732	0,005	0,291
CHR9	11399645	CHR9:11399645	SSF x LoA	-4,986	-0,105	0,279
CHR9	1140059	CHR9:1140059	SSF x LoA	-7,030	0,076	0,276
CHR9	1140092	CHR9:1140092	SSF x LoA	-10,559	0,001	0,278
CHR9	1140176	CHR9:1140176	SSF x LoA	-6,766	-0,018	0,296
CHR9	1140183	CHR9:1140183	SSF x LoA	-10,073	-0,052	0,276

CHR9	1140199	CHR9:1140199	SSF x LoA	4,972	-0,134	0,264
CHR9	11417254	CHR9:11417254	SSF x LoA	-8,256	0,038	0,285
CHR9	11417266	CHR9:11417266	SSF x LoA	-8,161	0,026	0,277
CHR9	11417446	CHR9:11417446	SSF x LoA	-10,551	0,035	0,290
CHR9	11424441	CHR9:11424441	SSF x LoA	-4,826	0,180	0,281
CHR9	11424517	CHR9:11424517	SSF x LoA	-9,726	0,083	0,303
CHR9	11424563	CHR9:11424563	SSF x LoA	-7,807	0,126	0,292
CHR9	11424613	CHR9:11424613	SSF x LoA	-9,339	0,046	0,282
CHR9	11424709	CHR9:11424709	SSF x LoA	-7,337	-0,124	0,271
CHR9	11439435	CHR9:11439435	SSF x LoA	-7,912	0,037	0,286
CHR9	11439583	CHR9:11439583	SSF x LoA	-6,759	0,097	0,289
CHR9	11453873	CHR9:11453873	SSF x LoA	-9,120	-0,103	0,286
CHR9	11453884	CHR9:11453884	SSF x LoA	-10,870	-0,038	0,283
CHR9	11453894	CHR9:11453894	SSF x LoA	-8,992	-0,058	0,287
CHR9	11453908	CHR9:11453908	SSF x LoA	-5,754	-0,183	0,285
CHR9	1146322	CHR9:1146322	SSF x LoA	-10,291	-0,043	0,291
CHR9	1146330	CHR9:1146330	SSF x LoA	-6,056	0,212	0,292
CHR9	11475252	CHR9:11475252	SSF x LoA	-9,721	0,075	0,292
CHR9	11475366	CHR9:11475366	SSF x LoA	-11,134	0,077	0,283
CHR9	11479346	CHR9:11479346	SSF x LoA	-6,903	0,007	0,302
CHR9	11479389	CHR9:11479389	SSF x LoA	-3,976	-0,129	0,294
CHR9	11479390	CHR9:11479390	SSF x LoA	-9,276	-0,128	0,268
CHR9	11479393	CHR9:11479393	SSF x LoA	-7,290	-0,198	0,275
CHR9	11479556	CHR9:11479556	SSF x LoA	-4,934	-0,235	0,268
CHR9	11479587	CHR9:11479587	SSF x LoA	-8,274	-0,132	0,286
CHR9	11488791	CHR9:11488791	SSF x LoA	-5,269	0,162	0,284
CHR9	11488901	CHR9:11488901	SSF x LoA	-7,025	0,015	0,277
CHR9	11510180	CHR9:11510180	SSF x LoA	-7,157	0,072	0,291
CHR9	11510407	CHR9:11510407	SSF x LoA	-11,467	0,045	0,294
CHR9	11510527	CHR9:11510527	SSF x LoA	-9,262	-0,092	0,279
CHR9	11510539	CHR9:11510539	SSF x LoA	-8,202	-0,049	0,291
CHR9	11536881	CHR9:11536881	SSF x LoA	-7,895	0,097	0,298
CHR9	11545962	CHR9:11545962	SSF x LoA	-5,231	-0,201	0,273
CHR9	11547040	CHR9:11547040	SSF x LoA	-10,902	0,075	0,292
CHR9	11549130	CHR9:11549130	SSF x LoA	-7,382	0,137	0,287
CHR9	11549779	CHR9:11549779	SSF x LoA	-8,360	0,054	0,306
CHR9	11549789	CHR9:11549789	SSF x LoA	-5,802	-0,026	0,286
CHR9	11555181	CHR9:11555181	SSF x LoA	-7,722	-0,076	0,285
CHR9	11568988	CHR9:11568988	SSF x LoA	-7,586	0,150	0,275
CHR9	11569080	CHR9:11569080	SSF x LoA	-8,765	0,044	0,285
CHR9	11569108	CHR9:11569108	SSF x LoA	-9,420	-0,067	0,286
CHR9	11569111	CHR9:11569111	SSF x LoA	-9,099	-0,056	0,291
CHR9	11569132	CHR9:11569132	SSF x LoA	-6,883	-0,107	0,292
CHR9	11569135	CHR9:11569135	SSF x LoA	-8,620	-0,079	0,279
CHR9	11569145	CHR9:11569145	SSF x LoA	-8,600	-0,040	0,283
CHR9	11583360	CHR9:11583360	SSF x LoA	-10,708	-0,063	0,289
CHR9	11583386	CHR9:11583386	SSF x LoA	-2,620	0,061	0,296
CHR9	11583391	CHR9:11583391	SSF x LoA	-9,454	0,069	0,292
CHR9	11598588	CHR9:11598588	SSF x LoA	-8,937	0,092	0,292
CHR9	11598592	CHR9:11598592	SSF x LoA	-6,520	-0,154	0,284
CHR9	11598698	CHR9:11598698	SSF x LoA	-8,528	0,007	0,292
CHR9	11622765	CHR9:11622765	SSF x LoA	-9,436	0,063	0,301
CHR9	11622804	CHR9:11622804	SSF x LoA	-10,787	-0,016	0,288

CHR9	11631791	CHR9:11631791	SSF x LoA	-6,321	-0,106	0,285
CHR9	11631898	CHR9:11631898	SSF x LoA	-9,501	0,050	0,281
CHR9	11631994	CHR9:11631994	SSF x LoA	-11,806	-0,062	0,277
CHR9	11637842	CHR9:11637842	SSF x LoA	-6,783	-0,182	0,279
CHR9	11637869	CHR9:11637869	SSF x LoA	-9,441	0,055	0,302
CHR9	11643372	CHR9:11643372	SSF x LoA	-8,452	0,072	0,285
CHR9	11643443	CHR9:11643443	SSF x LoA	0,588	0,126	0,282
CHR9	11643521	CHR9:11643521	SSF x LoA	-8,602	0,051	0,285
CHR9	11643591	CHR9:11643591	SSF x LoA	-8,646	-0,014	0,290
CHR9	11643600	CHR9:11643600	SSF x LoA	-9,979	-0,088	0,283
CHR9	11649165	CHR9:11649165	SSF x LoA	-6,533	-0,133	0,269
CHR9	11649236	CHR9:11649236	SSF x LoA	-7,005	0,017	0,290
CHR9	11649359	CHR9:11649359	SSF x LoA	-7,733	-0,014	0,297
CHR9	11660709	CHR9:11660709	SSF x LoA	-7,720	0,002	0,284
CHR9	11660830	CHR9:11660830	SSF x LoA	-9,526	0,000	0,286
CHR9	11662068	CHR9:11662068	SSF x LoA	-6,440	0,096	0,298
CHR9	11662176	CHR9:11662176	SSF x LoA	-9,450	-0,103	0,301
CHR9	11662195	CHR9:11662195	SSF x LoA	-9,438	-0,109	0,290
CHR9	11662896	CHR9:11662896	SSF x LoA	-6,802	0,138	0,289
CHR9	11662914	CHR9:11662914	SSF x LoA	-7,422	-0,079	0,294
CHR9	11662935	CHR9:11662935	SSF x LoA	-7,279	-0,108	0,297
CHR9	11662967	CHR9:11662967	SSF x LoA	-5,394	0,072	0,311
CHR9	11662985	CHR9:11662985	SSF x LoA	-5,146	-0,206	0,275
CHR9	11677980	CHR9:11677980	SSF x LoA	-7,176	0,197	0,294
CHR9	11677985	CHR9:11677985	SSF x LoA	-10,227	0,017	0,279
CHR9	11678017	CHR9:11678017	SSF x LoA	-9,930	0,026	0,286
CHR9	11678479	CHR9:11678479	SSF x LoA	-8,951	-0,083	0,283
CHR9	11689711	CHR9:11689711	SSF x LoA	-8,442	-0,044	0,279
CHR9	11689718	CHR9:11689718	SSF x LoA	-6,107	-0,024	0,297
CHR9	11697292	CHR9:11697292	SSF x LoA	-8,189	-0,095	0,299
CHR9	11706682	CHR9:11706682	SSF x LoA	-8,793	-0,009	0,279
CHR9	11706773	CHR9:11706773	SSF x LoA	-7,247	0,120	0,280
CHR9	11706815	CHR9:11706815	SSF x LoA	-9,531	-0,080	0,289
CHR9	11706922	CHR9:11706922	SSF x LoA	-7,490	0,035	0,284
CHR9	11719408	CHR9:11719408	SSF x LoA	-8,675	0,046	0,294
CHR9	11719469	CHR9:11719469	SSF x LoA	-7,698	0,015	0,291
CHR9	11719553	CHR9:11719553	SSF x LoA	-8,610	0,024	0,290
CHR9	11719554	CHR9:11719554	SSF x LoA	-9,610	-0,068	0,295
CHR9	11722969	CHR9:11722969	SSF x LoA	-7,740	0,096	0,295
CHR9	11722980	CHR9:11722980	SSF x LoA	-7,621	0,034	0,286
CHR9	11722987	CHR9:11722987	SSF x LoA	-7,594	0,105	0,287
CHR9	11722996	CHR9:11722996	SSF x LoA	-7,906	0,017	0,302
CHR9	11723068	CHR9:11723068	SSF x LoA	-8,622	0,036	0,303
CHR9	11723120	CHR9:11723120	SSF x LoA	-9,504	0,017	0,295
CHR9	11723139	CHR9:11723139	SSF x LoA	-8,261	0,062	0,302
CHR9	11723146	CHR9:11723146	SSF x LoA	-2,771	0,086	0,292
CHR9	11731325	CHR9:11731325	SSF x LoA	-8,017	-0,016	0,284
CHR9	11731487	CHR9:11731487	SSF x LoA	-5,040	-0,139	0,290
CHR9	11796973	CHR9:11796973	SSF x LoA	-6,495	-0,040	0,285
CHR9	11856800	CHR9:11856800	SSF x LoA	-7,888	-0,199	0,288
CHR9	11869560	CHR9:11869560	SSF x LoA	-10,005	-0,033	0,300
CHR9	11874914	CHR9:11874914	SSF x LoA	-8,069	-0,012	0,284
CHR9	11878642	CHR9:11878642	SSF x LoA	-5,913	0,047	0,292

CHR9	11878698	CHR9:11878698	SSF x LoA	-7,611	0,034	0,280
CHR9	11878776	CHR9:11878776	SSF x LoA	-7,782	-0,131	0,289
CHR9	11878784	CHR9:11878784	SSF x LoA	-2,650	0,164	0,297
CHR9	11878795	CHR9:11878795	SSF x LoA	-6,912	0,079	0,294
CHR9	11895489	CHR9:11895489	SSF x LoA	-6,876	-0,114	0,302
CHR9	11895523	CHR9:11895523	SSF x LoA	-8,098	-0,020	0,302
CHR9	11895551	CHR9:11895551	SSF x LoA	-9,289	-0,055	0,290
CHR9	11895562	CHR9:11895562	SSF x LoA	-8,980	-0,045	0,290
CHR9	11895570	CHR9:11895570	SSF x LoA	-8,527	-0,063	0,304
CHR9	11895571	CHR9:11895571	SSF x LoA	-10,658	-0,006	0,298
CHR9	11895594	CHR9:11895594	SSF x LoA	-8,534	0,131	0,304
CHR9	11895663	CHR9:11895663	SSF x LoA	-8,395	-0,038	0,300
CHR9	11895698	CHR9:11895698	SSF x LoA	-6,780	0,152	0,271
CHR9	11895760	CHR9:11895760	SSF x LoA	-7,734	0,036	0,293
CHR9	11904221	CHR9:11904221	SSF x LoA	-9,633	0,032	0,306
CHR9	11904239	CHR9:11904239	SSF x LoA	-10,876	0,077	0,283
CHR9	11912662	CHR9:11912662	SSF x LoA	-10,026	-0,016	0,295
CHR9	11916307	CHR9:11916307	SSF x LoA	-9,442	0,065	0,295
CHR9	11916311	CHR9:11916311	SSF x LoA	-6,189	0,175	0,287
CHR9	11916312	CHR9:11916312	SSF x LoA	-6,462	0,178	0,283
CHR9	11916341	CHR9:11916341	SSF x LoA	-6,414	0,108	0,287
CHR9	11916440	CHR9:11916440	SSF x LoA	-8,074	-0,033	0,295
CHR9	11925702	CHR9:11925702	SSF x LoA	-7,318	0,071	0,292
CHR9	11925709	CHR9:11925709	SSF x LoA	-7,885	0,099	0,286
CHR9	11925803	CHR9:11925803	SSF x LoA	-8,798	-0,026	0,288
CHR9	11951177	CHR9:11951177	SSF x LoA	-7,989	0,020	0,287
CHR9	11951191	CHR9:11951191	SSF x LoA	-8,722	0,030	0,290
CHR9	11951197	CHR9:11951197	SSF x LoA	-8,975	-0,015	0,297
CHR9	11951211	CHR9:11951211	SSF x LoA	-8,564	-0,063	0,298
CHR9	11956421	CHR9:11956421	SSF x LoA	-5,859	-0,062	0,296
CHR9	11956466	CHR9:11956466	SSF x LoA	-8,486	-0,053	0,289
CHR9	11956498	CHR9:11956498	SSF x LoA	-7,293	0,120	0,287
CHR9	11956518	CHR9:11956518	SSF x LoA	-7,113	-0,120	0,276
CHR9	11956532	CHR9:11956532	SSF x LoA	-7,903	0,098	0,288
CHR9	11956543	CHR9:11956543	SSF x LoA	-10,632	0,069	0,290
CHR9	11971234	CHR9:11971234	SSF x LoA	-9,146	-0,092	0,290
CHR9	11971297	CHR9:11971297	SSF x LoA	-8,101	0,127	0,293
CHR9	11971308	CHR9:11971308	SSF x LoA	-8,367	0,089	0,288
CHR9	11971309	CHR9:11971309	SSF x LoA	-9,245	0,081	0,280
CHR9	11971369	CHR9:11971369	SSF x LoA	-8,599	-0,104	0,279
CHR9	11976952	CHR9:11976952	SSF x LoA	-7,967	-0,055	0,282
CHR9	11977735	CHR9:11977735	SSF x LoA	-9,026	-0,041	0,272
CHR9	11988714	CHR9:11988714	SSF x LoA	-8,351	0,117	0,284
CHR9	11988728	CHR9:11988728	SSF x LoA	-7,859	0,041	0,286
CHR9	11988732	CHR9:11988732	SSF x LoA	-8,368	-0,121	0,280
CHR9	11988748	CHR9:11988748	SSF x LoA	-8,158	0,083	0,278
CHR9	11988751	CHR9:11988751	SSF x LoA	-8,010	-0,073	0,299
CHR9	11988763	CHR9:11988763	SSF x LoA	-9,801	-0,076	0,285
CHR9	11988768	CHR9:11988768	SSF x LoA	-9,403	0,040	0,280
CHR9	11988804	CHR9:11988804	SSF x LoA	-7,663	-0,039	0,292
CHR9	11988818	CHR9:11988818	SSF x LoA	-6,666	0,044	0,275
CHR9	11988825	CHR9:11988825	SSF x LoA	-10,399	-0,041	0,296
CHR9	11988830	CHR9:11988830	SSF x LoA	-10,450	-0,028	0,287

CHR9	11988867	CHR9:11988867	SSF x LoA	-11,237	-0,066	0,293
CHR9	11988890	CHR9:11988890	SSF x LoA	-8,412	-0,044	0,273
CHR9	11999869	CHR9:11999869	SSF x LoA	-9,236	0,113	0,298
CHR9	11999896	CHR9:11999896	SSF x LoA	-9,611	0,096	0,288
CHR9	11999988	CHR9:11999988	SSF x LoA	-7,235	0,137	0,290
CHR9	12000003	CHR9:12000003	SSF x LoA	-10,761	0,044	0,286
CHR9	12007821	CHR9:12007821	SSF x LoA	-6,678	-0,159	0,301
CHR9	12007939	CHR9:12007939	SSF x LoA	-9,977	-0,045	0,275
CHR9	12007943	CHR9:12007943	SSF x LoA	-10,292	-0,023	0,269
CHR9	12007998	CHR9:12007998	SSF x LoA	-10,226	0,018	0,274
CHR9	12008026	CHR9:12008026	SSF x LoA	-11,622	-0,009	0,280
CHR9	12008033	CHR9:12008033	SSF x LoA	-9,437	0,030	0,277
CHR9	12028835	CHR9:12028835	SSF x LoA	-8,022	0,035	0,306
CHR9	12028880	CHR9:12028880	SSF x LoA	-8,550	0,033	0,310
CHR9	12028899	CHR9:12028899	SSF x LoA	-10,007	0,012	0,304
CHR9	12028986	CHR9:12028986	SSF x LoA	-8,613	0,161	0,311
CHR9	12029077	CHR9:12029077	SSF x LoA	-8,477	0,094	0,301
CHR9	1204604	CHR9:1204604	SSF x LoA	-9,493	-0,032	0,296
CHR9	1204623	CHR9:1204623	SSF x LoA	-10,220	0,033	0,291
CHR9	1204653	CHR9:1204653	SSF x LoA	-10,098	0,026	0,297
CHR9	1204765	CHR9:1204765	SSF x LoA	-9,313	-0,107	0,281
CHR9	1205449	CHR9:1205449	SSF x LoA	-9,603	0,093	0,286
CHR9	1205509	CHR9:1205509	SSF x LoA	-8,503	-0,059	0,284
CHR9	1205537	CHR9:1205537	SSF x LoA	-9,031	0,074	0,303
CHR9	1205586	CHR9:1205586	SSF x LoA	-9,758	-0,057	0,299
CHR9	1205593	CHR9:1205593	SSF x LoA	-8,798	0,047	0,297
CHR9	12056078	CHR9:12056078	SSF x LoA	-8,310	0,132	0,294
CHR9	1205609	CHR9:1205609	SSF x LoA	-9,415	0,072	0,277
CHR9	1205726	CHR9:1205726	SSF x LoA	-10,095	0,037	0,293
CHR9	1205778	CHR9:1205778	SSF x LoA	-9,379	0,051	0,298
CHR9	12072664	CHR9:12072664	SSF x LoA	-9,915	0,026	0,307
CHR9	12083250	CHR9:12083250	SSF x LoA	-9,463	0,138	0,277
CHR9	12083284	CHR9:12083284	SSF x LoA	-9,053	0,031	0,290
CHR9	12083296	CHR9:12083296	SSF x LoA	-8,806	-0,042	0,288
CHR9	12084211	CHR9:12084211	SSF x LoA	-6,371	0,062	0,280
CHR9	12084254	CHR9:12084254	SSF x LoA	-8,477	0,078	0,280
CHR9	12084359	CHR9:12084359	SSF x LoA	-8,816	-0,021	0,283
CHR9	12084407	CHR9:12084407	SSF x LoA	-6,111	-0,113	0,286
CHR9	12084533	CHR9:12084533	SSF x LoA	-7,146	-0,040	0,297
CHR9	12089798	CHR9:12089798	SSF x LoA	-8,413	-0,019	0,291
CHR9	12089924	CHR9:12089924	SSF x LoA	-9,501	0,004	0,294
CHR9	12089927	CHR9:12089927	SSF x LoA	-6,644	-0,032	0,275
CHR9	12089982	CHR9:12089982	SSF x LoA	-9,977	0,019	0,279
CHR9	12089996	CHR9:12089996	SSF x LoA	-6,555	0,121	0,294
CHR9	12089999	CHR9:12089999	SSF x LoA	-7,839	0,131	0,284
CHR9	12090075	CHR9:12090075	SSF x LoA	-7,820	-0,014	0,285
CHR9	12090117	CHR9:12090117	SSF x LoA	-8,845	0,021	0,289
CHR9	12090123	CHR9:12090123	SSF x LoA	-9,019	0,037	0,295
CHR9	12090130	CHR9:12090130	SSF x LoA	-9,556	0,035	0,284
CHR9	12090136	CHR9:12090136	SSF x LoA	-10,786	0,018	0,273
CHR9	12090155	CHR9:12090155	SSF x LoA	-6,808	0,051	0,291
CHR9	12090164	CHR9:12090164	SSF x LoA	-8,910	0,048	0,296
CHR9	12090176	CHR9:12090176	SSF x LoA	-9,925	0,076	0,285

CHR9	12093283	CHR9:12093283	SSF x LoA	-9,907	-0,013	0,299
CHR9	12093381	CHR9:12093381	SSF x LoA	-9,672	-0,029	0,288
CHR9	12093410	CHR9:12093410	SSF x LoA	-9,164	0,056	0,287
CHR9	12093430	CHR9:12093430	SSF x LoA	-8,745	-0,060	0,279
CHR9	12135168	CHR9:12135168	SSF x LoA	-11,024	-0,039	0,283
CHR9	12135396	CHR9:12135396	SSF x LoA	-4,113	0,058	0,303
CHR9	12135431	CHR9:12135431	SSF x LoA	-8,483	-0,021	0,287
CHR9	12164899	CHR9:12164899	SSF x LoA	-7,195	-0,169	0,288
CHR9	12164900	CHR9:12164900	SSF x LoA	-6,904	-0,199	0,278
CHR9	12164905	CHR9:12164905	SSF x LoA	-7,859	-0,213	0,284
CHR9	12165086	CHR9:12165086	SSF x LoA	-3,593	0,125	0,286
CHR9	12195429	CHR9:12195429	SSF x LoA	-6,124	0,061	0,289
CHR9	12195455	CHR9:12195455	SSF x LoA	-11,303	-0,017	0,287
CHR9	12195555	CHR9:12195555	SSF x LoA	-9,704	-0,093	0,274
CHR9	12201985	CHR9:12201985	SSF x LoA	-6,357	0,073	0,271
CHR9	12205625	CHR9:12205625	SSF x LoA	-6,832	-0,117	0,283
CHR9	12221008	CHR9:12221008	SSF x LoA	-9,746	-0,061	0,302
CHR9	12221046	CHR9:12221046	SSF x LoA	-9,609	0,037	0,305
CHR9	12221070	CHR9:12221070	SSF x LoA	-10,048	0,017	0,296
CHR9	12221071	CHR9:12221071	SSF x LoA	-7,284	0,006	0,294
CHR9	12221075	CHR9:12221075	SSF x LoA	-9,432	-0,047	0,292
CHR9	12221167	CHR9:12221167	SSF x LoA	-9,279	-0,115	0,297
CHR9	12221179	CHR9:12221179	SSF x LoA	-9,419	-0,125	0,275
CHR9	12221215	CHR9:12221215	SSF x LoA	-7,523	-0,032	0,296
CHR9	12221231	CHR9:12221231	SSF x LoA	-9,386	-0,095	0,290
CHR9	12228057	CHR9:12228057	SSF x LoA	-8,730	0,050	0,277
CHR9	12228080	CHR9:12228080	SSF x LoA	-8,808	0,014	0,300
CHR9	12228176	CHR9:12228176	SSF x LoA	-9,988	0,014	0,288
CHR9	12228193	CHR9:12228193	SSF x LoA	-10,524	-0,066	0,298
CHR9	12252964	CHR9:12252964	SSF x LoA	-10,980	0,028	0,292
CHR9	12253019	CHR9:12253019	SSF x LoA	-9,982	0,043	0,303
CHR9	12257538	CHR9:12257538	SSF x LoA	-8,500	0,021	0,299
CHR9	12257794	CHR9:12257794	SSF x LoA	0,190	0,228	0,279
CHR9	12266326	CHR9:12266326	SSF x LoA	-6,561	0,035	0,279
CHR9	12269201	CHR9:12269201	SSF x LoA	-9,283	0,017	0,300
CHR9	12269204	CHR9:12269204	SSF x LoA	-8,542	-0,217	0,272
CHR9	12269221	CHR9:12269221	SSF x LoA	-4,288	-0,235	0,246
CHR9	12287658	CHR9:12287658	SSF x LoA	-5,150	0,202	0,278
CHR9	12287800	CHR9:12287800	SSF x LoA	-7,535	0,047	0,289
CHR9	12287841	CHR9:12287841	SSF x LoA	-6,000	0,137	0,290
CHR9	12287898	CHR9:12287898	SSF x LoA	-7,004	0,091	0,286
CHR9	12292687	CHR9:12292687	SSF x LoA	-9,320	-0,065	0,291
CHR9	12292849	CHR9:12292849	SSF x LoA	-6,410	0,151	0,279
CHR9	12292856	CHR9:12292856	SSF x LoA	-6,627	0,167	0,272
CHR9	12296992	CHR9:12296992	SSF x LoA	-6,955	0,075	0,285
CHR9	12297029	CHR9:12297029	SSF x LoA	-8,730	0,068	0,281
CHR9	12297119	CHR9:12297119	SSF x LoA	-9,142	0,100	0,300
CHR9	12307387	CHR9:12307387	SSF x LoA	-5,497	0,077	0,294
CHR9	12324763	CHR9:12324763	SSF x LoA	-8,304	-0,036	0,291
CHR9	12324773	CHR9:12324773	SSF x LoA	-6,115	0,027	0,294
CHR9	12333483	CHR9:12333483	SSF x LoA	-9,320	0,023	0,289
CHR9	12333544	CHR9:12333544	SSF x LoA	-9,018	-0,175	0,278
CHR9	12333557	CHR9:12333557	SSF x LoA	-7,455	0,055	0,285

CHR9	12333584	CHR9:12333584	SSF x LoA	-9,639	0,046	0,287
CHR9	12333601	CHR9:12333601	SSF x LoA	-9,793	-0,023	0,283
CHR9	12333642	CHR9:12333642	SSF x LoA	-9,440	0,036	0,287
CHR9	12335555	CHR9:12335555	SSF x LoA	-9,101	0,066	0,286
CHR9	12335587	CHR9:12335587	SSF x LoA	-9,300	0,024	0,280
CHR9	12335757	CHR9:12335757	SSF x LoA	-10,180	-0,095	0,280
CHR9	12335760	CHR9:12335760	SSF x LoA	-8,820	-0,014	0,287
CHR9	12335767	CHR9:12335767	SSF x LoA	-6,184	0,134	0,283
CHR9	12335798	CHR9:12335798	SSF x LoA	-9,680	-0,015	0,293
CHR9	1234193	CHR9:1234193	SSF x LoA	-8,614	0,157	0,283
CHR9	12383052	CHR9:12383052	SSF x LoA	-7,965	-0,052	0,284
CHR9	12392678	CHR9:12392678	SSF x LoA	-10,883	-0,022	0,283
CHR9	12392708	CHR9:12392708	SSF x LoA	-10,248	0,028	0,294
CHR9	12392910	CHR9:12392910	SSF x LoA	-5,498	-0,133	0,289
CHR9	12392975	CHR9:12392975	SSF x LoA	-9,162	-0,006	0,291
CHR9	12413529	CHR9:12413529	SSF x LoA	-10,626	-0,029	0,293
CHR9	12413552	CHR9:12413552	SSF x LoA	-8,964	-0,047	0,285
CHR9	12425723	CHR9:12425723	SSF x LoA	-5,455	0,221	0,274
CHR9	12433667	CHR9:12433667	SSF x LoA	-5,837	0,041	0,293
CHR9	12435162	CHR9:12435162	SSF x LoA	-7,165	0,058	0,285
CHR9	12435230	CHR9:12435230	SSF x LoA	-8,297	0,094	0,297
CHR9	1243554	CHR9:1243554	SSF x LoA	-7,737	0,011	0,293
CHR9	12443428	CHR9:12443428	SSF x LoA	-5,540	-0,133	0,276
CHR9	12443575	CHR9:12443575	SSF x LoA	-9,745	-0,116	0,287
CHR9	12443577	CHR9:12443577	SSF x LoA	-10,122	-0,169	0,269
CHR9	12443593	CHR9:12443593	SSF x LoA	-5,925	0,061	0,287
CHR9	12448142	CHR9:12448142	SSF x LoA	-7,231	0,123	0,289
CHR9	12448176	CHR9:12448176	SSF x LoA	-5,068	-0,058	0,287
CHR9	12448209	CHR9:12448209	SSF x LoA	-9,513	-0,038	0,296
CHR9	12448356	CHR9:12448356	SSF x LoA	-4,461	0,205	0,281
CHR9	12455637	CHR9:12455637	SSF x LoA	-9,783	0,053	0,297
CHR9	12455669	CHR9:12455669	SSF x LoA	-1,650	-0,094	0,287
CHR9	12455689	CHR9:12455689	SSF x LoA	-9,075	0,049	0,281
CHR9	12455700	CHR9:12455700	SSF x LoA	-8,714	-0,012	0,289
CHR9	12455714	CHR9:12455714	SSF x LoA	-8,375	0,000	0,303
CHR9	12455725	CHR9:12455725	SSF x LoA	-8,771	0,008	0,302
CHR9	12455735	CHR9:12455735	SSF x LoA	-9,157	0,043	0,282
CHR9	12455846	CHR9:12455846	SSF x LoA	-8,165	0,005	0,276
CHR9	12458050	CHR9:12458050	SSF x LoA	-10,584	0,092	0,296
CHR9	12472751	CHR9:12472751	SSF x LoA	-7,939	-0,037	0,284
CHR9	12472790	CHR9:12472790	SSF x LoA	-9,815	0,078	0,277
CHR9	12472795	CHR9:12472795	SSF x LoA	-7,858	0,135	0,277
CHR9	12472899	CHR9:12472899	SSF x LoA	-9,483	0,124	0,287
CHR9	12478097	CHR9:12478097	SSF x LoA	-5,894	-0,128	0,284
CHR9	12478123	CHR9:12478123	SSF x LoA	-6,786	-0,129	0,276
CHR9	12479249	CHR9:12479249	SSF x LoA	-9,454	0,090	0,280
CHR9	12479353	CHR9:12479353	SSF x LoA	-9,974	0,013	0,296
CHR9	12479396	CHR9:12479396	SSF x LoA	-8,923	0,063	0,300
CHR9	12480574	CHR9:12480574	SSF x LoA	-11,278	0,048	0,288
CHR9	12480604	CHR9:12480604	SSF x LoA	-7,928	0,132	0,289
CHR9	12480629	CHR9:12480629	SSF x LoA	-8,351	0,086	0,290
CHR9	12480663	CHR9:12480663	SSF x LoA	-8,469	0,145	0,286
CHR9	12480768	CHR9:12480768	SSF x LoA	-8,579	-0,008	0,285

CHR9	12496979	CHR9:12496979	SSF x LoA	-6,274	-0,234	0,272
CHR9	12496983	CHR9:12496983	SSF x LoA	-7,427	-0,023	0,292
CHR9	12497222	CHR9:12497222	SSF x LoA	-10,714	0,020	0,291
CHR9	12507307	CHR9:12507307	SSF x LoA	-7,585	-0,144	0,294
CHR9	12507419	CHR9:12507419	SSF x LoA	-9,040	0,002	0,291
CHR9	12507466	CHR9:12507466	SSF x LoA	-7,908	0,049	0,304
CHR9	12507489	CHR9:12507489	SSF x LoA	-9,717	0,037	0,294
CHR9	12508605	CHR9:12508605	SSF x LoA	-9,536	-0,093	0,287
CHR9	12512324	CHR9:12512324	SSF x LoA	-10,792	0,020	0,296
CHR9	12512359	CHR9:12512359	SSF x LoA	-10,766	-0,046	0,297
CHR9	12512417	CHR9:12512417	SSF x LoA	-5,255	0,132	0,308
CHR9	12512497	CHR9:12512497	SSF x LoA	-10,512	-0,021	0,278
CHR9	12512533	CHR9:12512533	SSF x LoA	-8,258	0,073	0,287
CHR9	12539499	CHR9:12539499	SSF x LoA	-9,745	0,013	0,290
CHR9	12539527	CHR9:12539527	SSF x LoA	-1,296	-0,099	0,292
CHR9	12539555	CHR9:12539555	SSF x LoA	-9,037	0,078	0,290
CHR9	12539578	CHR9:12539578	SSF x LoA	-7,940	-0,081	0,292
CHR9	12539704	CHR9:12539704	SSF x LoA	-9,664	-0,033	0,291
CHR9	12539710	CHR9:12539710	SSF x LoA	-8,644	0,006	0,285
CHR9	12539712	CHR9:12539712	SSF x LoA	-4,908	0,180	0,267
CHR9	12539715	CHR9:12539715	SSF x LoA	-9,709	-0,076	0,285
CHR9	12551020	CHR9:12551020	SSF x LoA	-10,523	-0,076	0,285
CHR9	12551058	CHR9:12551058	SSF x LoA	-7,038	-0,114	0,298
CHR9	12551064	CHR9:12551064	SSF x LoA	-10,403	0,052	0,282
CHR9	12551086	CHR9:12551086	SSF x LoA	-9,849	0,015	0,300
CHR9	12600728	CHR9:12600728	SSF x LoA	-7,801	-0,120	0,278
CHR9	12605702	CHR9:12605702	SSF x LoA	-6,650	-0,103	0,297
CHR9	12605777	CHR9:12605777	SSF x LoA	-10,023	0,006	0,270
CHR9	12612698	CHR9:12612698	SSF x LoA	-10,374	-0,092	0,282
CHR9	12617248	CHR9:12617248	SSF x LoA	-7,461	-0,040	0,294
CHR9	12619247	CHR9:12619247	SSF x LoA	-8,369	-0,094	0,285
CHR9	12619266	CHR9:12619266	SSF x LoA	-8,774	-0,029	0,279
CHR9	1261982	CHR9:1261982	SSF x LoA	-6,406	-0,158	0,277
CHR9	12625141	CHR9:12625141	SSF x LoA	-9,342	-0,033	0,295
CHR9	1262642	CHR9:1262642	SSF x LoA	-8,901	-0,052	0,302
CHR9	12638560	CHR9:12638560	SSF x LoA	-8,187	0,065	0,294
CHR9	12638579	CHR9:12638579	SSF x LoA	-7,986	0,034	0,296
CHR9	12639765	CHR9:12639765	SSF x LoA	-6,698	0,149	0,272
CHR9	12640072	CHR9:12640072	SSF x LoA	-8,014	-0,021	0,304
CHR9	12679119	CHR9:12679119	SSF x LoA	-9,867	0,097	0,277
CHR9	12679148	CHR9:12679148	SSF x LoA	-8,372	0,101	0,285
CHR9	12690485	CHR9:12690485	SSF x LoA	-9,380	0,026	0,279
CHR9	12690532	CHR9:12690532	SSF x LoA	-7,251	-0,051	0,291
CHR9	12691139	CHR9:12691139	SSF x LoA	-10,467	0,037	0,290
CHR9	12699889	CHR9:12699889	SSF x LoA	-11,656	-0,024	0,285
CHR9	12705494	CHR9:12705494	SSF x LoA	-6,567	-0,095	0,296
CHR9	12705570	CHR9:12705570	SSF x LoA	-8,915	0,031	0,314
CHR9	12705619	CHR9:12705619	SSF x LoA	-9,321	0,058	0,290
CHR9	12705651	CHR9:12705651	SSF x LoA	-9,751	-0,007	0,290
CHR9	12705657	CHR9:12705657	SSF x LoA	-11,211	0,038	0,291
CHR9	12705713	CHR9:12705713	SSF x LoA	-9,333	-0,067	0,295
CHR9	12728972	CHR9:12728972	SSF x LoA	-7,907	0,077	0,278
CHR9	12730148	CHR9:12730148	SSF x LoA	-7,769	0,126	0,283

CHR9	12811728	CHR9:12811728	SSF x LoA	-6,099	0,174	0,289
CHR9	12830185	CHR9:12830185	SSF x LoA	-7,804	0,079	0,290
CHR9	12830221	CHR9:12830221	SSF x LoA	-6,799	0,124	0,289
CHR9	12843415	CHR9:12843415	SSF x LoA	-8,487	0,037	0,290
CHR9	12868594	CHR9:12868594	SSF x LoA	-8,829	0,049	0,292
CHR9	12892064	CHR9:12892064	SSF x LoA	-10,016	-0,102	0,286
CHR9	12900063	CHR9:12900063	SSF x LoA	-8,122	0,044	0,291
CHR9	12901967	CHR9:12901967	SSF x LoA	-8,538	0,137	0,282
CHR9	12901982	CHR9:12901982	SSF x LoA	-7,210	0,016	0,278
CHR9	12902006	CHR9:12902006	SSF x LoA	-9,942	0,086	0,271
CHR9	12902065	CHR9:12902065	SSF x LoA	-6,438	0,065	0,282
CHR9	12902088	CHR9:12902088	SSF x LoA	-10,474	-0,067	0,310
CHR9	12903661	CHR9:12903661	SSF x LoA	-6,073	0,108	0,300
CHR9	12903841	CHR9:12903841	SSF x LoA	-7,606	-0,093	0,289
CHR9	12903856	CHR9:12903856	SSF x LoA	-6,626	0,138	0,288
CHR9	12903938	CHR9:12903938	SSF x LoA	-10,423	-0,008	0,296
CHR9	12904000	CHR9:12904000	SSF x LoA	-10,626	0,067	0,277
CHR9	12918230	CHR9:12918230	SSF x LoA	-11,004	0,023	0,278
CHR9	12918240	CHR9:12918240	SSF x LoA	-9,479	-0,080	0,278
CHR9	12918347	CHR9:12918347	SSF x LoA	-10,924	0,049	0,281
CHR9	12918389	CHR9:12918389	SSF x LoA	-8,488	-0,032	0,276
CHR9	12931945	CHR9:12931945	SSF x LoA	-10,390	-0,030	0,300
CHR9	12932146	CHR9:12932146	SSF x LoA	-10,492	-0,100	0,274
CHR9	12932370	CHR9:12932370	SSF x LoA	-6,074	-0,159	0,278
CHR9	12960119	CHR9:12960119	SSF x LoA	-10,579	-0,028	0,300
CHR9	12960123	CHR9:12960123	SSF x LoA	-7,769	-0,083	0,276
CHR9	12960182	CHR9:12960182	SSF x LoA	-7,394	0,016	0,290
CHR9	12960320	CHR9:12960320	SSF x LoA	-8,763	0,050	0,296
CHR9	12960348	CHR9:12960348	SSF x LoA	-1,827	0,004	0,295
CHR9	12971457	CHR9:12971457	SSF x LoA	-7,221	-0,022	0,287
CHR9	12971463	CHR9:12971463	SSF x LoA	-6,574	0,027	0,274
CHR9	13027314	CHR9:13027314	SSF x LoA	-5,834	-0,127	0,276
CHR9	13027490	CHR9:13027490	SSF x LoA	-9,450	0,111	0,294
CHR9	13027511	CHR9:13027511	SSF x LoA	-9,739	-0,131	0,277
CHR9	13027520	CHR9:13027520	SSF x LoA	-8,409	-0,077	0,275
CHR9	13027580	CHR9:13027580	SSF x LoA	-8,225	-0,040	0,284
CHR9	13027599	CHR9:13027599	SSF x LoA	-7,733	0,006	0,292
CHR9	13027634	CHR9:13027634	SSF x LoA	-2,885	0,024	0,278
CHR9	13047650	CHR9:13047650	SSF x LoA	-6,287	0,149	0,282
CHR9	13060974	CHR9:13060974	SSF x LoA	-9,466	0,079	0,287
CHR9	13061870	CHR9:13061870	SSF x LoA	-6,339	0,066	0,288
CHR9	13063231	CHR9:13063231	SSF x LoA	-11,082	-0,091	0,286
CHR9	13066348	CHR9:13066348	SSF x LoA	-7,485	-0,007	0,282
CHR9	13066586	CHR9:13066586	SSF x LoA	-2,804	-0,234	0,278
CHR9	13076779	CHR9:13076779	SSF x LoA	-8,066	0,067	0,295
CHR9	13076881	CHR9:13076881	SSF x LoA	-8,782	0,036	0,272
CHR9	13088235	CHR9:13088235	SSF x LoA	-9,663	0,054	0,292
CHR9	13089694	CHR9:13089694	SSF x LoA	-8,686	0,050	0,285
CHR9	13089982	CHR9:13089982	SSF x LoA	-9,585	-0,008	0,300
CHR9	13106446	CHR9:13106446	SSF x LoA	-8,756	-0,051	0,285
CHR9	13106477	CHR9:13106477	SSF x LoA	-8,759	-0,009	0,284
CHR9	13106489	CHR9:13106489	SSF x LoA	-9,090	0,041	0,297
CHR9	13106498	CHR9:13106498	SSF x LoA	-7,450	-0,108	0,298

CHR9	13106502	CHR9:13106502	SSF x LoA	-8,709	0,025	0,300
CHR9	13107170	CHR9:13107170	SSF x LoA	0,650	0,294	0,286
CHR9	13107178	CHR9:13107178	SSF x LoA	-6,906	0,101	0,295
CHR9	13110279	CHR9:13110279	SSF x LoA	-10,131	-0,032	0,300
CHR9	13110280	CHR9:13110280	SSF x LoA	-10,756	-0,017	0,294
CHR9	13110345	CHR9:13110345	SSF x LoA	-10,341	-0,017	0,283
CHR9	13110405	CHR9:13110405	SSF x LoA	-7,877	0,069	0,296
CHR9	13111935	CHR9:13111935	SSF x LoA	-10,456	0,058	0,293
CHR9	13115873	CHR9:13115873	SSF x LoA	-7,016	0,101	0,291
CHR9	13125755	CHR9:13125755	SSF x LoA	-10,779	-0,087	0,287
CHR9	13138264	CHR9:13138264	SSF x LoA	-9,668	-0,105	0,284
CHR9	13138289	CHR9:13138289	SSF x LoA	-9,390	-0,043	0,287
CHR9	13138302	CHR9:13138302	SSF x LoA	-5,539	0,083	0,287
CHR9	13138491	CHR9:13138491	SSF x LoA	-10,921	-0,014	0,294
CHR9	13138508	CHR9:13138508	SSF x LoA	-9,280	-0,033	0,287
CHR9	13138510	CHR9:13138510	SSF x LoA	-9,403	-0,019	0,298
CHR9	13138547	CHR9:13138547	SSF x LoA	-7,899	-0,058	0,282
CHR9	13138551	CHR9:13138551	SSF x LoA	-8,248	-0,087	0,294
CHR9	13138552	CHR9:13138552	SSF x LoA	-6,341	-0,079	0,297
CHR9	13147440	CHR9:13147440	SSF x LoA	-6,707	-0,058	0,295
CHR9	13147497	CHR9:13147497	SSF x LoA	-5,900	-0,098	0,311
CHR9	13147553	CHR9:13147553	SSF x LoA	-9,054	0,006	0,287
CHR9	13147580	CHR9:13147580	SSF x LoA	-7,754	0,067	0,285
CHR9	13156517	CHR9:13156517	SSF x LoA	-10,010	-0,053	0,282
CHR9	13156550	CHR9:13156550	SSF x LoA	-8,804	-0,062	0,296
CHR9	13156561	CHR9:13156561	SSF x LoA	-9,668	-0,035	0,298
CHR9	13156587	CHR9:13156587	SSF x LoA	-7,691	0,100	0,297
CHR9	13156594	CHR9:13156594	SSF x LoA	-8,216	0,028	0,309
CHR9	13159814	CHR9:13159814	SSF x LoA	8,489	-0,138	0,295
CHR9	13159906	CHR9:13159906	SSF x LoA	-6,700	0,141	0,310
CHR9	13160041	CHR9:13160041	SSF x LoA	-3,041	0,073	0,300
CHR9	13167797	CHR9:13167797	SSF x LoA	-8,271	0,029	0,292
CHR9	13177591	CHR9:13177591	SSF x LoA	-7,464	0,062	0,286
CHR9	13177890	CHR9:13177890	SSF x LoA	-6,963	0,067	0,290
CHR9	13177911	CHR9:13177911	SSF x LoA	-5,296	0,146	0,293
CHR9	13199381	CHR9:13199381	SSF x LoA	-11,202	-0,044	0,274
CHR9	13199382	CHR9:13199382	SSF x LoA	-8,392	-0,014	0,293
CHR9	13199408	CHR9:13199408	SSF x LoA	-10,215	-0,045	0,281
CHR9	13199588	CHR9:13199588	SSF x LoA	-9,122	-0,149	0,290
CHR9	13199638	CHR9:13199638	SSF x LoA	-11,167	-0,025	0,288
CHR9	13222510	CHR9:13222510	SSF x LoA	-11,229	0,007	0,282
CHR9	13222511	CHR9:13222511	SSF x LoA	-10,797	0,020	0,295
CHR9	13222513	CHR9:13222513	SSF x LoA	-11,065	0,005	0,285
CHR9	13222514	CHR9:13222514	SSF x LoA	-10,879	-0,021	0,293
CHR9	13222517	CHR9:13222517	SSF x LoA	-8,879	-0,078	0,293
CHR9	13222518	CHR9:13222518	SSF x LoA	-7,836	-0,083	0,306
CHR9	13223888	CHR9:13223888	SSF x LoA	-11,427	0,023	0,288
CHR9	13227648	CHR9:13227648	SSF x LoA	-8,119	-0,111	0,300
CHR9	13227705	CHR9:13227705	SSF x LoA	-9,825	-0,032	0,298
CHR9	13227915	CHR9:13227915	SSF x LoA	-9,361	0,055	0,295
CHR9	13227978	CHR9:13227978	SSF x LoA	-8,161	-0,043	0,284
CHR9	13228772	CHR9:13228772	SSF x LoA	-7,042	-0,123	0,298
CHR9	13240610	CHR9:13240610	SSF x LoA	-8,719	0,088	0,283

CHR9	13240612	CHR9:13240612	SSF x LoA	-8,511	-0,011	0,300
CHR9	13248178	CHR9:13248178	SSF x LoA	-8,935	-0,066	0,280
CHR9	13248264	CHR9:13248264	SSF x LoA	-9,747	-0,049	0,285
CHR9	13256492	CHR9:13256492	SSF x LoA	-9,848	0,018	0,297
CHR9	13260874	CHR9:13260874	SSF x LoA	-9,956	0,044	0,291
CHR9	13303283	CHR9:13303283	SSF x LoA	-6,832	-0,008	0,294
CHR9	13308232	CHR9:13308232	SSF x LoA	-10,110	-0,123	0,282
CHR9	13318907	CHR9:13318907	SSF x LoA	-6,544	0,182	0,263
CHR9	13318980	CHR9:13318980	SSF x LoA	-7,338	-0,126	0,289
CHR9	13318983	CHR9:13318983	SSF x LoA	-7,212	-0,110	0,296
CHR9	13328947	CHR9:13328947	SSF x LoA	-10,276	-0,028	0,297
CHR9	13328968	CHR9:13328968	SSF x LoA	-9,942	0,015	0,282
CHR9	13329263	CHR9:13329263	SSF x LoA	-7,858	0,114	0,283
CHR9	13335236	CHR9:13335236	SSF x LoA	-8,511	0,001	0,296
CHR9	13346805	CHR9:13346805	SSF x LoA	-8,112	0,061	0,304
CHR9	13346828	CHR9:13346828	SSF x LoA	-8,337	-0,031	0,279
CHR9	13346984	CHR9:13346984	SSF x LoA	-9,444	0,027	0,288
CHR9	13346987	CHR9:13346987	SSF x LoA	-10,464	0,013	0,308
CHR9	13351276	CHR9:13351276	SSF x LoA	-8,018	0,178	0,280
CHR9	13351281	CHR9:13351281	SSF x LoA	-8,523	0,077	0,299
CHR9	13351448	CHR9:13351448	SSF x LoA	-9,727	-0,083	0,276
CHR9	13351463	CHR9:13351463	SSF x LoA	-6,780	0,036	0,290
CHR9	13351566	CHR9:13351566	SSF x LoA	-9,197	-0,102	0,294
CHR9	13364815	CHR9:13364815	SSF x LoA	-9,701	-0,006	0,306
CHR9	13374411	CHR9:13374411	SSF x LoA	-7,993	-0,043	0,292
CHR9	13374471	CHR9:13374471	SSF x LoA	-7,597	0,046	0,301
CHR9	13374501	CHR9:13374501	SSF x LoA	-7,779	0,075	0,287
CHR9	13374502	CHR9:13374502	SSF x LoA	-9,403	0,110	0,277
CHR9	13374533	CHR9:13374533	SSF x LoA	-5,846	0,158	0,289
CHR9	13374557	CHR9:13374557	SSF x LoA	-8,741	0,047	0,285
CHR9	13374577	CHR9:13374577	SSF x LoA	-7,474	-0,080	0,288
CHR9	13381180	CHR9:13381180	SSF x LoA	-7,727	0,099	0,285
CHR9	13381328	CHR9:13381328	SSF x LoA	-8,181	0,021	0,294
CHR9	13381335	CHR9:13381335	SSF x LoA	-11,125	-0,028	0,292
CHR9	13381369	CHR9:13381369	SSF x LoA	-10,458	-0,103	0,294
CHR9	13392158	CHR9:13392158	SSF x LoA	-9,644	-0,124	0,282
CHR9	13392216	CHR9:13392216	SSF x LoA	-9,982	0,020	0,289
CHR9	13394107	CHR9:13394107	SSF x LoA	-9,524	-0,044	0,295
CHR9	13394198	CHR9:13394198	SSF x LoA	-6,815	-0,015	0,291
CHR9	13394205	CHR9:13394205	SSF x LoA	-8,003	0,006	0,279
CHR9	13394211	CHR9:13394211	SSF x LoA	-10,934	0,046	0,298
CHR9	13394220	CHR9:13394220	SSF x LoA	-9,992	0,010	0,275
CHR9	13394241	CHR9:13394241	SSF x LoA	-9,385	0,042	0,287
CHR9	13406224	CHR9:13406224	SSF x LoA	-8,300	0,057	0,302
CHR9	13406394	CHR9:13406394	SSF x LoA	-10,011	0,100	0,295
CHR9	13406422	CHR9:13406422	SSF x LoA	-8,572	0,026	0,299
CHR9	13406451	CHR9:13406451	SSF x LoA	-10,357	0,010	0,289
CHR9	13406473	CHR9:13406473	SSF x LoA	-8,505	-0,033	0,294
CHR9	13408663	CHR9:13408663	SSF x LoA	-9,352	-0,005	0,293
CHR9	13408713	CHR9:13408713	SSF x LoA	-8,559	0,037	0,286
CHR9	13427250	CHR9:13427250	SSF x LoA	-4,088	-0,003	0,298
CHR9	13427430	CHR9:13427430	SSF x LoA	-9,262	0,061	0,303
CHR9	13427509	CHR9:13427509	SSF x LoA	-8,264	0,145	0,287

CHR9	13435845	CHR9:13435845	SSF x LoA	-8,320	-0,045	0,269
CHR9	13435921	CHR9:13435921	SSF x LoA	-8,556	-0,040	0,300
CHR9	13435963	CHR9:13435963	SSF x LoA	-8,106	0,033	0,294
CHR9	13447805	CHR9:13447805	SSF x LoA	-8,426	0,046	0,309
CHR9	13447864	CHR9:13447864	SSF x LoA	-8,876	0,159	0,292
CHR9	13447869	CHR9:13447869	SSF x LoA	-7,283	-0,171	0,278
CHR9	13447914	CHR9:13447914	SSF x LoA	-8,596	0,066	0,291
CHR9	13452740	CHR9:13452740	SSF x LoA	-10,573	-0,024	0,282
CHR9	13452953	CHR9:13452953	SSF x LoA	-9,192	-0,051	0,280
CHR9	13453000	CHR9:13453000	SSF x LoA	-9,875	-0,091	0,285
CHR9	13456635	CHR9:13456635	SSF x LoA	-8,104	0,073	0,275
CHR9	13456719	CHR9:13456719	SSF x LoA	-11,056	0,015	0,286
CHR9	13456725	CHR9:13456725	SSF x LoA	-7,873	-0,106	0,273
CHR9	13456770	CHR9:13456770	SSF x LoA	-9,860	-0,066	0,300
CHR9	13463493	CHR9:13463493	SSF x LoA	-3,704	0,136	0,305
CHR9	13463498	CHR9:13463498	SSF x LoA	-8,324	0,035	0,298
CHR9	13468929	CHR9:13468929	SSF x LoA	-2,689	-0,084	0,296
CHR9	13491161	CHR9:13491161	SSF x LoA	-8,897	0,132	0,287
CHR9	1350657	CHR9:1350657	SSF x LoA	-5,271	0,022	0,287
CHR9	13509159	CHR9:13509159	SSF x LoA	-9,879	-0,067	0,299
CHR9	13515921	CHR9:13515921	SSF x LoA	-8,075	0,045	0,289
CHR9	13515925	CHR9:13515925	SSF x LoA	-9,230	-0,002	0,297
CHR9	13516037	CHR9:13516037	SSF x LoA	-8,255	0,158	0,300
CHR9	13526078	CHR9:13526078	SSF x LoA	-9,560	-0,058	0,268
CHR9	13526117	CHR9:13526117	SSF x LoA	-6,480	-0,080	0,271
CHR9	13535045	CHR9:13535045	SSF x LoA	-8,091	0,011	0,285
CHR9	13542850	CHR9:13542850	SSF x LoA	-10,196	0,025	0,294
CHR9	13543246	CHR9:13543246	SSF x LoA	-8,486	-0,084	0,290
CHR9	13556652	CHR9:13556652	SSF x LoA	-8,824	0,058	0,285
CHR9	13570062	CHR9:13570062	SSF x LoA	-7,610	-0,014	0,302
CHR9	13570125	CHR9:13570125	SSF x LoA	-9,132	-0,029	0,284
CHR9	13570229	CHR9:13570229	SSF x LoA	-8,867	0,069	0,295
CHR9	13570257	CHR9:13570257	SSF x LoA	-4,595	-0,006	0,294
CHR9	13596743	CHR9:13596743	SSF x LoA	-9,319	0,079	0,270
CHR9	13599242	CHR9:13599242	SSF x LoA	-9,906	-0,060	0,290
CHR9	13599383	CHR9:13599383	SSF x LoA	-9,753	0,097	0,297
CHR9	13602427	CHR9:13602427	SSF x LoA	-9,275	0,010	0,293
CHR9	13618305	CHR9:13618305	SSF x LoA	-10,342	-0,014	0,301
CHR9	13618544	CHR9:13618544	SSF x LoA	-9,274	-0,026	0,300
CHR9	13633374	CHR9:13633374	SSF x LoA	-10,596	0,093	0,291
CHR9	13634145	CHR9:13634145	SSF x LoA	-9,123	-0,073	0,286
CHR9	13634184	CHR9:13634184	SSF x LoA	-9,709	-0,047	0,293
CHR9	13634193	CHR9:13634193	SSF x LoA	-9,137	0,013	0,300
CHR9	13634217	CHR9:13634217	SSF x LoA	-9,954	-0,031	0,292
CHR9	13634229	CHR9:13634229	SSF x LoA	-9,946	-0,025	0,285
CHR9	13634239	CHR9:13634239	SSF x LoA	-8,910	-0,006	0,285
CHR9	13634244	CHR9:13634244	SSF x LoA	-9,283	0,019	0,287
CHR9	13634254	CHR9:13634254	SSF x LoA	-8,490	0,020	0,290
CHR9	13634263	CHR9:13634263	SSF x LoA	-9,003	0,003	0,283
CHR9	13634271	CHR9:13634271	SSF x LoA	-9,028	0,017	0,295
CHR9	13634280	CHR9:13634280	SSF x LoA	-8,940	0,026	0,288
CHR9	13634296	CHR9:13634296	SSF x LoA	-9,718	-0,014	0,294
CHR9	13634300	CHR9:13634300	SSF x LoA	-9,982	0,006	0,296

CHR9	13634330	CHR9:13634330	SSF x LoA	-8,319	0,108	0,295
CHR9	13640875	CHR9:13640875	SSF x LoA	-7,758	0,087	0,289
CHR9	13640877	CHR9:13640877	SSF x LoA	-9,743	0,070	0,283
CHR9	13651720	CHR9:13651720	SSF x LoA	-6,751	-0,200	0,273
CHR9	13651909	CHR9:13651909	SSF x LoA	-10,644	0,059	0,285
CHR9	13651973	CHR9:13651973	SSF x LoA	-5,130	-0,257	0,274
CHR9	13653086	CHR9:13653086	SSF x LoA	-7,703	0,138	0,294
CHR9	13653141	CHR9:13653141	SSF x LoA	-8,698	-0,037	0,285
CHR9	13653145	CHR9:13653145	SSF x LoA	-8,116	0,087	0,280
CHR9	13653176	CHR9:13653176	SSF x LoA	-9,358	0,007	0,295
CHR9	13670965	CHR9:13670965	SSF x LoA	-8,680	-0,100	0,278
CHR9	13670973	CHR9:13670973	SSF x LoA	-3,905	-0,043	0,301
CHR9	13671014	CHR9:13671014	SSF x LoA	-8,466	0,009	0,284
CHR9	13689733	CHR9:13689733	SSF x LoA	-10,744	-0,032	0,298
CHR9	13694116	CHR9:13694116	SSF x LoA	-10,477	-0,020	0,282
CHR9	13694119	CHR9:13694119	SSF x LoA	-9,973	0,053	0,294
CHR9	13697681	CHR9:13697681	SSF x LoA	-10,732	-0,067	0,275
CHR9	13697722	CHR9:13697722	SSF x LoA	-9,240	-0,022	0,285
CHR9	13710700	CHR9:13710700	SSF x LoA	-8,679	0,058	0,292
CHR9	13725867	CHR9:13725867	SSF x LoA	-10,546	-0,027	0,285
CHR9	13725900	CHR9:13725900	SSF x LoA	-1,988	0,052	0,297
CHR9	13725908	CHR9:13725908	SSF x LoA	-8,308	0,133	0,293
CHR9	13725933	CHR9:13725933	SSF x LoA	-6,974	-0,002	0,294
CHR9	13725975	CHR9:13725975	SSF x LoA	-3,844	0,035	0,291
CHR9	13725984	CHR9:13725984	SSF x LoA	-10,659	0,118	0,291
CHR9	13726002	CHR9:13726002	SSF x LoA	-9,155	0,111	0,290
CHR9	13726125	CHR9:13726125	SSF x LoA	-8,000	0,010	0,310
CHR9	13726126	CHR9:13726126	SSF x LoA	-10,185	-0,015	0,288
CHR9	13726143	CHR9:13726143	SSF x LoA	-6,036	-0,085	0,307
CHR9	13726153	CHR9:13726153	SSF x LoA	-7,746	-0,042	0,299
CHR9	13726169	CHR9:13726169	SSF x LoA	-10,087	0,011	0,289
CHR9	13735367	CHR9:13735367	SSF x LoA	-9,209	-0,103	0,274
CHR9	13735384	CHR9:13735384	SSF x LoA	-7,192	0,069	0,285
CHR9	13735406	CHR9:13735406	SSF x LoA	-10,076	-0,131	0,285
CHR9	13735618	CHR9:13735618	SSF x LoA	-9,307	-0,036	0,288
CHR9	13735632	CHR9:13735632	SSF x LoA	-9,263	0,096	0,280
CHR9	13735652	CHR9:13735652	SSF x LoA	-8,600	0,008	0,284
CHR9	13735655	CHR9:13735655	SSF x LoA	-9,485	-0,011	0,289
CHR9	13735752	CHR9:13735752	SSF x LoA	-10,624	-0,018	0,288
CHR9	13735755	CHR9:13735755	SSF x LoA	-7,443	0,020	0,288
CHR9	13739853	CHR9:13739853	SSF x LoA	-10,844	0,010	0,280
CHR9	13739959	CHR9:13739959	SSF x LoA	-10,386	-0,061	0,292
CHR9	13740046	CHR9:13740046	SSF x LoA	-9,810	-0,037	0,293
CHR9	13740101	CHR9:13740101	SSF x LoA	-10,740	0,112	0,288
CHR9	13751039	CHR9:13751039	SSF x LoA	-9,007	-0,095	0,283
CHR9	13751051	CHR9:13751051	SSF x LoA	-7,360	-0,039	0,283
CHR9	13751056	CHR9:13751056	SSF x LoA	-9,924	-0,042	0,295
CHR9	13751250	CHR9:13751250	SSF x LoA	-7,920	0,016	0,299
CHR9	13754627	CHR9:13754627	SSF x LoA	-7,238	0,091	0,278
CHR9	13754837	CHR9:13754837	SSF x LoA	-7,674	-0,134	0,284
CHR9	13754895	CHR9:13754895	SSF x LoA	-8,723	-0,077	0,295
CHR9	13755002	CHR9:13755002	SSF x LoA	-11,709	0,023	0,284
CHR9	13759444	CHR9:13759444	SSF x LoA	-11,781	-0,044	0,272

CHR9	13760696	CHR9:13760696	SSF x LoA	-9,591	0,031	0,304
CHR9	13766168	CHR9:13766168	SSF x LoA	-10,398	-0,063	0,297
CHR9	13766203	CHR9:13766203	SSF x LoA	-7,075	0,034	0,293
CHR9	13766290	CHR9:13766290	SSF x LoA	-9,877	0,004	0,298
CHR9	13766327	CHR9:13766327	SSF x LoA	-6,292	-0,043	0,274
CHR9	13769010	CHR9:13769010	SSF x LoA	-1,966	0,172	0,274
CHR9	13779706	CHR9:13779706	SSF x LoA	-9,843	-0,052	0,272
CHR9	13779880	CHR9:13779880	SSF x LoA	-7,199	0,004	0,306
CHR9	13779929	CHR9:13779929	SSF x LoA	-10,517	0,039	0,298
CHR9	13781144	CHR9:13781144	SSF x LoA	-9,287	0,005	0,288
CHR9	13781259	CHR9:13781259	SSF x LoA	-5,936	0,105	0,274
CHR9	13795127	CHR9:13795127	SSF x LoA	-11,068	0,055	0,293
CHR9	13795208	CHR9:13795208	SSF x LoA	-7,890	0,027	0,290
CHR9	13795231	CHR9:13795231	SSF x LoA	-6,050	0,201	0,292
CHR9	13795341	CHR9:13795341	SSF x LoA	-8,349	0,033	0,308
CHR9	13806159	CHR9:13806159	SSF x LoA	-8,651	0,023	0,282
CHR9	13806408	CHR9:13806408	SSF x LoA	-9,771	0,032	0,282
CHR9	13806466	CHR9:13806466	SSF x LoA	-10,005	-0,090	0,276
CHR9	13806869	CHR9:13806869	SSF x LoA	-9,992	0,034	0,279
CHR9	13806882	CHR9:13806882	SSF x LoA	-9,223	-0,037	0,299
CHR9	13806902	CHR9:13806902	SSF x LoA	-6,640	0,008	0,305
CHR9	13806918	CHR9:13806918	SSF x LoA	-5,877	-0,015	0,300
CHR9	13806948	CHR9:13806948	SSF x LoA	-8,325	-0,002	0,285
CHR9	13806995	CHR9:13806995	SSF x LoA	-7,488	0,081	0,276
CHR9	13819823	CHR9:13819823	SSF x LoA	-7,370	0,030	0,292
CHR9	13819913	CHR9:13819913	SSF x LoA	-9,469	-0,021	0,277
CHR9	13824118	CHR9:13824118	SSF x LoA	-9,970	0,006	0,273
CHR9	13826954	CHR9:13826954	SSF x LoA	-9,484	-0,034	0,289
CHR9	13827739	CHR9:13827739	SSF x LoA	-8,746	0,077	0,291
CHR9	13844412	CHR9:13844412	SSF x LoA	-9,373	0,056	0,293
CHR9	13844647	CHR9:13844647	SSF x LoA	-9,038	-0,089	0,291
CHR9	13855927	CHR9:13855927	SSF x LoA	-10,999	-0,038	0,294
CHR9	13872735	CHR9:13872735	SSF x LoA	-4,049	-0,242	0,268
CHR9	13873044	CHR9:13873044	SSF x LoA	-8,742	0,180	0,298
CHR9	13873053	CHR9:13873053	SSF x LoA	-7,121	-0,044	0,280
CHR9	13885678	CHR9:13885678	SSF x LoA	-7,316	0,122	0,285
CHR9	13917605	CHR9:13917605	SSF x LoA	-9,922	-0,117	0,287
CHR9	13917659	CHR9:13917659	SSF x LoA	-9,099	0,029	0,298
CHR9	13920102	CHR9:13920102	SSF x LoA	-8,494	0,043	0,295
CHR9	13920103	CHR9:13920103	SSF x LoA	-9,087	-0,154	0,287
CHR9	13920171	CHR9:13920171	SSF x LoA	-10,458	-0,069	0,288
CHR9	13920267	CHR9:13920267	SSF x LoA	-8,558	0,021	0,290
CHR9	13928116	CHR9:13928116	SSF x LoA	-7,312	-0,046	0,300
CHR9	13929030	CHR9:13929030	SSF x LoA	-8,662	-0,088	0,292
CHR9	13929108	CHR9:13929108	SSF x LoA	-10,586	-0,034	0,289
CHR9	13929241	CHR9:13929241	SSF x LoA	-8,176	0,043	0,289
CHR9	13929242	CHR9:13929242	SSF x LoA	-8,854	0,034	0,291
CHR9	13931262	CHR9:13931262	SSF x LoA	-8,315	0,115	0,282
CHR9	13938585	CHR9:13938585	SSF x LoA	-10,775	0,022	0,285
CHR9	13945941	CHR9:13945941	SSF x LoA	-7,948	-0,003	0,304
CHR9	13959899	CHR9:13959899	SSF x LoA	-7,005	-0,071	0,285
CHR9	13959904	CHR9:13959904	SSF x LoA	-8,659	-0,023	0,291
CHR9	13986353	CHR9:13986353	SSF x LoA	-9,841	-0,072	0,298

CHR9	13986373	CHR9:13986373	SSF x LoA	-7,785	0,008	0,290
CHR9	13986440	CHR9:13986440	SSF x LoA	-8,355	-0,112	0,291
CHR9	13986739	CHR9:13986739	SSF x LoA	-9,962	-0,065	0,282
CHR9	13986764	CHR9:13986764	SSF x LoA	-9,453	0,006	0,293
CHR9	13986777	CHR9:13986777	SSF x LoA	-9,290	-0,092	0,283
CHR9	13991060	CHR9:13991060	SSF x LoA	-8,114	0,100	0,275
CHR9	13991063	CHR9:13991063	SSF x LoA	-7,975	0,148	0,279
CHR9	13991153	CHR9:13991153	SSF x LoA	-7,497	-0,028	0,294
CHR9	14001378	CHR9:14001378	SSF x LoA	-7,801	-0,079	0,291
CHR9	14001453	CHR9:14001453	SSF x LoA	-9,774	-0,083	0,285
CHR9	14004241	CHR9:14004241	SSF x LoA	-8,191	-0,060	0,285
CHR9	14004265	CHR9:14004265	SSF x LoA	-8,522	-0,087	0,275
CHR9	14004292	CHR9:14004292	SSF x LoA	-2,453	-0,072	0,281
CHR9	14004314	CHR9:14004314	SSF x LoA	-5,715	-0,105	0,275
CHR9	14004350	CHR9:14004350	SSF x LoA	-10,143	-0,033	0,279
CHR9	14004395	CHR9:14004395	SSF x LoA	-6,667	-0,123	0,294
CHR9	14004466	CHR9:14004466	SSF x LoA	-5,683	0,187	0,272
CHR9	14008516	CHR9:14008516	SSF x LoA	-10,387	0,072	0,286
CHR9	14008593	CHR9:14008593	SSF x LoA	-9,899	0,124	0,275
CHR9	14008649	CHR9:14008649	SSF x LoA	-8,153	-0,007	0,295
CHR9	14011759	CHR9:14011759	SSF x LoA	-6,377	-0,176	0,277
CHR9	14011824	CHR9:14011824	SSF x LoA	-8,747	-0,112	0,290
CHR9	14011853	CHR9:14011853	SSF x LoA	-11,293	0,017	0,276
CHR9	14012067	CHR9:14012067	SSF x LoA	-9,299	-0,031	0,301
CHR9	14048604	CHR9:14048604	SSF x LoA	-7,997	0,110	0,289
CHR9	14048710	CHR9:14048710	SSF x LoA	0,806	-0,200	0,282
CHR9	14052394	CHR9:14052394	SSF x LoA	-8,115	0,012	0,291
CHR9	14064758	CHR9:14064758	SSF x LoA	-9,648	0,038	0,308
CHR9	14070193	CHR9:14070193	SSF x LoA	-8,863	-0,096	0,270
CHR9	14070207	CHR9:14070207	SSF x LoA	-5,412	-0,165	0,287
CHR9	14070283	CHR9:14070283	SSF x LoA	-9,562	-0,093	0,281
CHR9	14073594	CHR9:14073594	SSF x LoA	-6,111	0,004	0,298
CHR9	14079083	CHR9:14079083	SSF x LoA	-5,906	0,225	0,270
CHR9	14079220	CHR9:14079220	SSF x LoA	-9,513	0,018	0,284
CHR9	14079327	CHR9:14079327	SSF x LoA	-10,580	-0,013	0,291
CHR9	14109839	CHR9:14109839	SSF x LoA	-8,452	0,136	0,285
CHR9	14109856	CHR9:14109856	SSF x LoA	-8,181	0,043	0,273
CHR9	14109866	CHR9:14109866	SSF x LoA	-7,510	0,093	0,282
CHR9	14109913	CHR9:14109913	SSF x LoA	-6,812	-0,069	0,292
CHR9	14109933	CHR9:14109933	SSF x LoA	-7,127	-0,094	0,286
CHR9	14124988	CHR9:14124988	SSF x LoA	-5,491	0,217	0,266
CHR9	14125044	CHR9:14125044	SSF x LoA	-8,268	-0,129	0,283
CHR9	14125059	CHR9:14125059	SSF x LoA	-10,870	0,006	0,293
CHR9	14126061	CHR9:14126061	SSF x LoA	-10,403	-0,020	0,291
CHR9	14133651	CHR9:14133651	SSF x LoA	-8,457	0,030	0,283
CHR9	14133730	CHR9:14133730	SSF x LoA	-6,513	-0,070	0,280
CHR9	14135809	CHR9:14135809	SSF x LoA	-5,713	0,081	0,292
CHR9	14135821	CHR9:14135821	SSF x LoA	-7,990	-0,060	0,290
CHR9	14135937	CHR9:14135937	SSF x LoA	-8,941	0,074	0,290
CHR9	14135948	CHR9:14135948	SSF x LoA	-9,230	0,059	0,285
CHR9	14141557	CHR9:14141557	SSF x LoA	-9,985	0,070	0,278
CHR9	14143995	CHR9:14143995	SSF x LoA	-3,773	0,161	0,287
CHR9	14144032	CHR9:14144032	SSF x LoA	-8,653	-0,068	0,293

CHR9	14144080	CHR9:14144080	SSF x LoA	-8,106	0,120	0,284
CHR9	14144087	CHR9:14144087	SSF x LoA	-2,268	0,207	0,284
CHR9	14144088	CHR9:14144088	SSF x LoA	-2,474	0,211	0,290
CHR9	14144093	CHR9:14144093	SSF x LoA	-9,614	0,094	0,284
CHR9	14144185	CHR9:14144185	SSF x LoA	-8,555	-0,073	0,299
CHR9	14144190	CHR9:14144190	SSF x LoA	-5,585	-0,086	0,290
CHR9	14144197	CHR9:14144197	SSF x LoA	-9,453	0,017	0,289
CHR9	14144217	CHR9:14144217	SSF x LoA	-7,673	0,066	0,272
CHR9	14144264	CHR9:14144264	SSF x LoA	0,189	-0,029	0,294
CHR9	14144265	CHR9:14144265	SSF x LoA	-8,727	0,084	0,273
CHR9	14147058	CHR9:14147058	SSF x LoA	-10,471	-0,006	0,293
CHR9	14160248	CHR9:14160248	SSF x LoA	-8,905	0,007	0,302
CHR9	14160460	CHR9:14160460	SSF x LoA	-7,622	0,119	0,288
CHR9	14176867	CHR9:14176867	SSF x LoA	-7,095	0,127	0,308
CHR9	14176952	CHR9:14176952	SSF x LoA	-9,065	-0,060	0,287
CHR9	14180422	CHR9:14180422	SSF x LoA	-4,323	-0,039	0,303
CHR9	14180449	CHR9:14180449	SSF x LoA	-8,636	-0,005	0,286
CHR9	14180516	CHR9:14180516	SSF x LoA	-9,164	-0,124	0,279
CHR9	14180563	CHR9:14180563	SSF x LoA	-9,208	-0,039	0,283
CHR9	14180584	CHR9:14180584	SSF x LoA	-8,573	0,069	0,284
CHR9	14191603	CHR9:14191603	SSF x LoA	-4,701	0,125	0,284
CHR9	14195253	CHR9:14195253	SSF x LoA	-9,146	0,012	0,289
CHR9	14246865	CHR9:14246865	SSF x LoA	-10,929	0,082	0,283
CHR9	14246969	CHR9:14246969	SSF x LoA	-10,695	-0,056	0,283
CHR9	14259758	CHR9:14259758	SSF x LoA	-9,755	0,061	0,294
CHR9	14259889	CHR9:14259889	SSF x LoA	-5,950	-0,031	0,296
CHR9	14287976	CHR9:14287976	SSF x LoA	-10,173	-0,012	0,278
CHR9	14296513	CHR9:14296513	SSF x LoA	-7,511	0,104	0,290
CHR9	14304969	CHR9:14304969	SSF x LoA	-10,564	-0,013	0,302
CHR9	14304989	CHR9:14304989	SSF x LoA	-10,173	0,010	0,290
CHR9	14315419	CHR9:14315419	SSF x LoA	-7,114	0,177	0,292
CHR9	14315700	CHR9:14315700	SSF x LoA	-8,586	0,004	0,305
CHR9	14332119	CHR9:14332119	SSF x LoA	-9,042	-0,001	0,297
CHR9	14332489	CHR9:14332489	SSF x LoA	-8,516	0,018	0,289
CHR9	14386489	CHR9:14386489	SSF x LoA	-9,127	0,059	0,292
CHR9	14386511	CHR9:14386511	SSF x LoA	-7,787	0,020	0,289
CHR9	14386823	CHR9:14386823	SSF x LoA	-9,294	-0,019	0,292
CHR9	14417623	CHR9:14417623	SSF x LoA	-11,569	0,037	0,290
CHR9	14420003	CHR9:14420003	SSF x LoA	-8,471	0,003	0,291
CHR9	14420149	CHR9:14420149	SSF x LoA	-8,132	0,048	0,290
CHR9	14420253	CHR9:14420253	SSF x LoA	-8,742	0,111	0,277
CHR9	1443454	CHR9:1443454	SSF x LoA	-8,384	0,060	0,294
CHR9	1443457	CHR9:1443457	SSF x LoA	-8,433	0,073	0,279
CHR9	1443467	CHR9:1443467	SSF x LoA	-8,082	-0,059	0,300
CHR9	14437994	CHR9:14437994	SSF x LoA	-7,986	0,027	0,305
CHR9	14438220	CHR9:14438220	SSF x LoA	-8,526	-0,031	0,288
CHR9	14440437	CHR9:14440437	SSF x LoA	-8,493	-0,119	0,288
CHR9	14440605	CHR9:14440605	SSF x LoA	-7,800	0,009	0,288
CHR9	14440661	CHR9:14440661	SSF x LoA	-10,752	-0,074	0,285
CHR9	14440714	CHR9:14440714	SSF x LoA	-9,791	0,066	0,289
CHR9	14445114	CHR9:14445114	SSF x LoA	-9,768	-0,122	0,297
CHR9	14445128	CHR9:14445128	SSF x LoA	-6,566	0,099	0,292
CHR9	14454228	CHR9:14454228	SSF x LoA	-9,816	-0,105	0,278

CHR9	14454473	CHR9:14454473	SSF x LoA	-5,354	-0,131	0,291
CHR9	14469908	CHR9:14469908	SSF x LoA	-10,262	0,103	0,298
CHR9	14469914	CHR9:14469914	SSF x LoA	-5,511	-0,025	0,284
CHR9	14469950	CHR9:14469950	SSF x LoA	-8,680	0,030	0,286
CHR9	14490767	CHR9:14490767	SSF x LoA	-6,664	0,185	0,275
CHR9	14535935	CHR9:14535935	SSF x LoA	-7,595	0,065	0,292
CHR9	14536006	CHR9:14536006	SSF x LoA	-7,902	0,138	0,279
CHR9	14541134	CHR9:14541134	SSF x LoA	-8,670	-0,061	0,294
CHR9	14541308	CHR9:14541308	SSF x LoA	-8,036	0,050	0,297
CHR9	14555028	CHR9:14555028	SSF x LoA	-6,675	-0,087	0,289
CHR9	14555050	CHR9:14555050	SSF x LoA	-8,129	0,009	0,298
CHR9	14558333	CHR9:14558333	SSF x LoA	-9,347	-0,039	0,296
CHR9	14558357	CHR9:14558357	SSF x LoA	-8,814	0,012	0,289
CHR9	14558380	CHR9:14558380	SSF x LoA	-6,891	0,097	0,285
CHR9	14559522	CHR9:14559522	SSF x LoA	-9,054	0,090	0,280
CHR9	14559679	CHR9:14559679	SSF x LoA	-7,557	-0,041	0,293
CHR9	14561383	CHR9:14561383	SSF x LoA	-6,938	-0,105	0,298
CHR9	14561462	CHR9:14561462	SSF x LoA	-9,148	0,118	0,284
CHR9	14566145	CHR9:14566145	SSF x LoA	-10,458	0,032	0,290
CHR9	14566149	CHR9:14566149	SSF x LoA	-7,767	-0,145	0,268
CHR9	14566159	CHR9:14566159	SSF x LoA	-8,493	-0,123	0,279
CHR9	14566171	CHR9:14566171	SSF x LoA	-7,431	0,147	0,302
CHR9	14566313	CHR9:14566313	SSF x LoA	-10,483	-0,036	0,306
CHR9	14566326	CHR9:14566326	SSF x LoA	-9,986	0,059	0,296
CHR9	14574651	CHR9:14574651	SSF x LoA	-8,420	-0,036	0,298
CHR9	14574728	CHR9:14574728	SSF x LoA	-10,096	0,026	0,278
CHR9	14574738	CHR9:14574738	SSF x LoA	-8,657	0,062	0,286
CHR9	14574759	CHR9:14574759	SSF x LoA	-5,738	0,078	0,294
CHR9	14584855	CHR9:14584855	SSF x LoA	-10,011	-0,034	0,290
CHR9	14584888	CHR9:14584888	SSF x LoA	-9,895	0,068	0,287
CHR9	1459973	CHR9:1459973	SSF x LoA	-10,555	-0,088	0,278
CHR9	1459978	CHR9:1459978	SSF x LoA	-4,604	0,177	0,301
CHR9	1459990	CHR9:1459990	SSF x LoA	-9,320	0,066	0,290
CHR9	1460041	CHR9:1460041	SSF x LoA	-8,521	-0,055	0,276
CHR9	14605842	CHR9:14605842	SSF x LoA	-9,427	0,014	0,287
CHR9	14605874	CHR9:14605874	SSF x LoA	-9,432	-0,013	0,288
CHR9	14605905	CHR9:14605905	SSF x LoA	-8,886	0,052	0,281
CHR9	14622675	CHR9:14622675	SSF x LoA	-9,576	0,007	0,288
CHR9	14627951	CHR9:14627951	SSF x LoA	-5,953	0,044	0,273
CHR9	14628001	CHR9:14628001	SSF x LoA	-6,132	0,046	0,299
CHR9	14632853	CHR9:14632853	SSF x LoA	-11,430	0,045	0,287
CHR9	14638124	CHR9:14638124	SSF x LoA	-6,526	0,178	0,283
CHR9	14638231	CHR9:14638231	SSF x LoA	-8,343	0,025	0,292
CHR9	14652733	CHR9:14652733	SSF x LoA	-11,864	-0,025	0,281
CHR9	14652836	CHR9:14652836	SSF x LoA	-10,696	0,004	0,279
CHR9	14655667	CHR9:14655667	SSF x LoA	-8,835	0,073	0,295
CHR9	14655723	CHR9:14655723	SSF x LoA	-8,850	0,049	0,293
CHR9	14660613	CHR9:14660613	SSF x LoA	-9,784	0,045	0,292
CHR9	14660623	CHR9:14660623	SSF x LoA	-6,185	-0,083	0,292
CHR9	14663230	CHR9:14663230	SSF x LoA	-6,942	-0,048	0,297
CHR9	14676068	CHR9:14676068	SSF x LoA	-9,694	-0,018	0,287
CHR9	14676277	CHR9:14676277	SSF x LoA	-9,997	0,036	0,299
CHR9	14680519	CHR9:14680519	SSF x LoA	-3,316	0,097	0,300

CHR9	14680560	CHR9:14680560	SSF x LoA	-10,883	0,091	0,284
CHR9	14697877	CHR9:14697877	SSF x LoA	-8,688	0,016	0,306
CHR9	14703769	CHR9:14703769	SSF x LoA	-8,863	-0,027	0,276
CHR9	14703777	CHR9:14703777	SSF x LoA	-9,792	-0,012	0,309
CHR9	14703779	CHR9:14703779	SSF x LoA	-8,155	0,083	0,290
CHR9	14703816	CHR9:14703816	SSF x LoA	-9,469	-0,053	0,282
CHR9	14703829	CHR9:14703829	SSF x LoA	-5,226	0,124	0,290
CHR9	14709765	CHR9:14709765	SSF x LoA	-8,510	-0,051	0,303
CHR9	14729103	CHR9:14729103	SSF x LoA	-11,401	0,036	0,296
CHR9	14729381	CHR9:14729381	SSF x LoA	-10,055	0,104	0,289
CHR9	14748364	CHR9:14748364	SSF x LoA	-8,734	-0,008	0,283
CHR9	14748651	CHR9:14748651	SSF x LoA	-7,816	-0,099	0,281
CHR9	147698	CHR9:147698	SSF x LoA	-6,485	-0,156	0,299
CHR9	14772006	CHR9:14772006	SSF x LoA	-9,972	-0,052	0,311
CHR9	14772072	CHR9:14772072	SSF x LoA	-9,728	-0,015	0,288
CHR9	14772112	CHR9:14772112	SSF x LoA	-9,501	0,076	0,290
CHR9	14772147	CHR9:14772147	SSF x LoA	-10,198	-0,083	0,276
CHR9	14772161	CHR9:14772161	SSF x LoA	-6,674	0,015	0,303
CHR9	14772177	CHR9:14772177	SSF x LoA	-10,836	-0,082	0,296
CHR9	14772283	CHR9:14772283	SSF x LoA	-9,870	-0,131	0,291
CHR9	1477996	CHR9:1477996	SSF x LoA	-9,451	-0,012	0,293
CHR9	14807552	CHR9:14807552	SSF x LoA	-7,806	0,106	0,304
CHR9	14807589	CHR9:14807589	SSF x LoA	-8,085	-0,028	0,292
CHR9	14807625	CHR9:14807625	SSF x LoA	-8,317	-0,011	0,301
CHR9	14807649	CHR9:14807649	SSF x LoA	-8,505	-0,052	0,280
CHR9	14807700	CHR9:14807700	SSF x LoA	-10,818	-0,062	0,293
CHR9	14807716	CHR9:14807716	SSF x LoA	-10,658	-0,064	0,293
CHR9	14807733	CHR9:14807733	SSF x LoA	-9,875	-0,060	0,287
CHR9	14807749	CHR9:14807749	SSF x LoA	-9,249	-0,070	0,299
CHR9	14807762	CHR9:14807762	SSF x LoA	-5,401	0,207	0,270
CHR9	14807961	CHR9:14807961	SSF x LoA	-9,908	-0,099	0,283
CHR9	1483712	CHR9:1483712	SSF x LoA	-3,375	-0,176	0,275
CHR9	1483855	CHR9:1483855	SSF x LoA	-8,562	-0,003	0,285
CHR9	1483890	CHR9:1483890	SSF x LoA	-8,511	-0,081	0,279
CHR9	14917619	CHR9:14917619	SSF x LoA	-10,168	-0,099	0,289
CHR9	14920820	CHR9:14920820	SSF x LoA	-8,509	-0,029	0,303
CHR9	14920948	CHR9:14920948	SSF x LoA	-8,163	-0,042	0,289
CHR9	14921045	CHR9:14921045	SSF x LoA	-8,278	-0,023	0,295
CHR9	14930680	CHR9:14930680	SSF x LoA	-11,207	0,118	0,267
CHR9	14930728	CHR9:14930728	SSF x LoA	1,582	-0,211	0,277
CHR9	14930751	CHR9:14930751	SSF x LoA	-8,622	-0,067	0,277
CHR9	14931958	CHR9:14931958	SSF x LoA	-5,446	-0,157	0,283
CHR9	14932066	CHR9:14932066	SSF x LoA	-9,410	0,134	0,277
CHR9	14963556	CHR9:14963556	SSF x LoA	-9,778	-0,010	0,291
CHR9	14963700	CHR9:14963700	SSF x LoA	-9,565	0,073	0,285
CHR9	14964831	CHR9:14964831	SSF x LoA	-9,502	0,067	0,297
CHR9	14965181	CHR9:14965181	SSF x LoA	-6,843	-0,011	0,301
CHR9	14965865	CHR9:14965865	SSF x LoA	-5,202	0,006	0,289
CHR9	14968503	CHR9:14968503	SSF x LoA	-7,978	0,134	0,281
CHR9	14968575	CHR9:14968575	SSF x LoA	-4,015	0,072	0,298
CHR9	14999878	CHR9:14999878	SSF x LoA	-8,565	-0,041	0,293
CHR9	14999880	CHR9:14999880	SSF x LoA	-8,211	-0,084	0,282
CHR9	15002033	CHR9:15002033	SSF x LoA	-8,094	0,126	0,275

CHR9	15002109	CHR9:15002109	SSF x LoA	-10,197	0,031	0,281
CHR9	15002115	CHR9:15002115	SSF x LoA	-6,929	-0,111	0,284
CHR9	15002120	CHR9:15002120	SSF x LoA	-8,705	0,030	0,296
CHR9	15008825	CHR9:15008825	SSF x LoA	-11,035	0,020	0,295
CHR9	15008894	CHR9:15008894	SSF x LoA	-9,237	0,149	0,292
CHR9	15009013	CHR9:15009013	SSF x LoA	-8,358	0,046	0,289
CHR9	15009016	CHR9:15009016	SSF x LoA	-9,221	0,066	0,268
CHR9	15015602	CHR9:15015602	SSF x LoA	-5,674	0,156	0,297
CHR9	15018772	CHR9:15018772	SSF x LoA	-5,620	0,219	0,277
CHR9	15018797	CHR9:15018797	SSF x LoA	-8,459	-0,008	0,300
CHR9	15018801	CHR9:15018801	SSF x LoA	-9,884	-0,112	0,285
CHR9	15030226	CHR9:15030226	SSF x LoA	-8,069	-0,178	0,278
CHR9	15030287	CHR9:15030287	SSF x LoA	-12,003	0,014	0,280
CHR9	1506451	CHR9:1506451	SSF x LoA	-8,621	0,018	0,292
CHR9	1506481	CHR9:1506481	SSF x LoA	-7,814	0,053	0,297
CHR9	15093972	CHR9:15093972	SSF x LoA	-5,771	0,230	0,288
CHR9	1511683	CHR9:1511683	SSF x LoA	-8,447	-0,076	0,281
CHR9	1511713	CHR9:1511713	SSF x LoA	-9,132	-0,070	0,286
CHR9	1511718	CHR9:1511718	SSF x LoA	-8,669	0,077	0,304
CHR9	1511722	CHR9:1511722	SSF x LoA	-8,428	0,020	0,289
CHR9	15117663	CHR9:15117663	SSF x LoA	-10,172	0,016	0,297
CHR9	1511806	CHR9:1511806	SSF x LoA	-8,143	0,056	0,292
CHR9	1511814	CHR9:1511814	SSF x LoA	-9,876	0,071	0,285
CHR9	1511891	CHR9:1511891	SSF x LoA	-9,014	0,022	0,288
CHR9	15121911	CHR9:15121911	SSF x LoA	-8,761	-0,050	0,296
CHR9	15122106	CHR9:15122106	SSF x LoA	-10,994	-0,006	0,288
CHR9	15126973	CHR9:15126973	SSF x LoA	-7,291	-0,170	0,288
CHR9	15131622	CHR9:15131622	SSF x LoA	-9,409	0,081	0,273
CHR9	15139884	CHR9:15139884	SSF x LoA	-8,683	-0,155	0,276
CHR9	15139942	CHR9:15139942	SSF x LoA	-4,726	0,219	0,285
CHR9	15140044	CHR9:15140044	SSF x LoA	-8,755	-0,020	0,287
CHR9	15140157	CHR9:15140157	SSF x LoA	-7,690	0,015	0,290
CHR9	15140215	CHR9:15140215	SSF x LoA	-8,982	0,072	0,281
CHR9	15145915	CHR9:15145915	SSF x LoA	-8,451	0,035	0,310
CHR9	15146009	CHR9:15146009	SSF x LoA	-9,682	-0,065	0,286
CHR9	15146033	CHR9:15146033	SSF x LoA	-10,579	0,017	0,286
CHR9	15166159	CHR9:15166159	SSF x LoA	-9,784	0,061	0,289
CHR9	15166201	CHR9:15166201	SSF x LoA	-8,633	-0,069	0,299
CHR9	15178393	CHR9:15178393	SSF x LoA	-1,732	-0,117	0,288
CHR9	15178528	CHR9:15178528	SSF x LoA	-10,047	0,000	0,294
CHR9	15181029	CHR9:15181029	SSF x LoA	-9,452	0,011	0,280
CHR9	15181042	CHR9:15181042	SSF x LoA	-10,188	0,073	0,284
CHR9	15181077	CHR9:15181077	SSF x LoA	-7,934	-0,084	0,300
CHR9	15181104	CHR9:15181104	SSF x LoA	-7,742	0,144	0,297
CHR9	15181132	CHR9:15181132	SSF x LoA	-9,187	-0,014	0,293
CHR9	15187161	CHR9:15187161	SSF x LoA	-0,065	0,188	0,283
CHR9	15187197	CHR9:15187197	SSF x LoA	-7,922	-0,037	0,285
CHR9	15187415	CHR9:15187415	SSF x LoA	-8,435	0,013	0,282
CHR9	15187419	CHR9:15187419	SSF x LoA	-9,287	0,017	0,296
CHR9	15187440	CHR9:15187440	SSF x LoA	-7,702	0,137	0,290
CHR9	15187472	CHR9:15187472	SSF x LoA	-0,595	0,109	0,286
CHR9	15187558	CHR9:15187558	SSF x LoA	-5,651	0,139	0,287
CHR9	15243315	CHR9:15243315	SSF x LoA	-7,810	0,058	0,302

CHR9	15243433	CHR9:15243433	SSF x LoA	-7,585	-0,021	0,302
CHR9	15243446	CHR9:15243446	SSF x LoA	-9,866	0,062	0,274
CHR9	15243470	CHR9:15243470	SSF x LoA	-7,114	-0,070	0,299
CHR9	15243471	CHR9:15243471	SSF x LoA	-8,321	-0,071	0,291
CHR9	15243515	CHR9:15243515	SSF x LoA	-1,240	-0,266	0,260
CHR9	15243563	CHR9:15243563	SSF x LoA	-8,236	0,065	0,287
CHR9	15243577	CHR9:15243577	SSF x LoA	-9,676	0,005	0,295
CHR9	15243658	CHR9:15243658	SSF x LoA	-8,455	-0,079	0,294
CHR9	15274359	CHR9:15274359	SSF x LoA	-9,438	0,066	0,288
CHR9	15274385	CHR9:15274385	SSF x LoA	-8,642	0,062	0,303
CHR9	15295859	CHR9:15295859	SSF x LoA	-4,415	0,180	0,282
CHR9	15297123	CHR9:15297123	SSF x LoA	-7,016	-0,076	0,298
CHR9	15297216	CHR9:15297216	SSF x LoA	-6,971	0,154	0,280
CHR9	15326391	CHR9:15326391	SSF x LoA	-10,654	-0,043	0,284
CHR9	15326484	CHR9:15326484	SSF x LoA	-8,587	0,059	0,289
CHR9	15331651	CHR9:15331651	SSF x LoA	-9,506	-0,056	0,300
CHR9	15331728	CHR9:15331728	SSF x LoA	-1,623	-0,193	0,281
CHR9	15345301	CHR9:15345301	SSF x LoA	-8,730	0,102	0,286
CHR9	15345314	CHR9:15345314	SSF x LoA	0,643	0,252	0,269
CHR9	15407049	CHR9:15407049	SSF x LoA	8,924	0,095	0,304
CHR9	15407104	CHR9:15407104	SSF x LoA	-7,484	0,101	0,290
CHR9	15410544	CHR9:15410544	SSF x LoA	-7,643	0,009	0,292
CHR9	15416462	CHR9:15416462	SSF x LoA	-9,963	0,065	0,297
CHR9	15416538	CHR9:15416538	SSF x LoA	-8,426	-0,013	0,296
CHR9	15416654	CHR9:15416654	SSF x LoA	-6,968	-0,038	0,296
CHR9	15416687	CHR9:15416687	SSF x LoA	-8,002	0,092	0,295
CHR9	15438888	CHR9:15438888	SSF x LoA	-8,296	-0,159	0,282
CHR9	15438909	CHR9:15438909	SSF x LoA	-6,468	0,038	0,294
CHR9	1544845	CHR9:1544845	SSF x LoA	-8,653	0,083	0,297
CHR9	15476047	CHR9:15476047	SSF x LoA	-6,511	-0,070	0,301
CHR9	15509176	CHR9:15509176	SSF x LoA	-8,206	0,085	0,301
CHR9	15509200	CHR9:15509200	SSF x LoA	-3,542	0,063	0,298
CHR9	15509341	CHR9:15509341	SSF x LoA	-9,163	-0,030	0,285
CHR9	15509358	CHR9:15509358	SSF x LoA	-10,779	0,001	0,292
CHR9	15509361	CHR9:15509361	SSF x LoA	-8,591	0,067	0,299
CHR9	15532593	CHR9:15532593	SSF x LoA	-8,587	-0,041	0,284
CHR9	15532595	CHR9:15532595	SSF x LoA	-7,202	-0,079	0,281
CHR9	15532596	CHR9:15532596	SSF x LoA	-8,188	-0,065	0,271
CHR9	15532640	CHR9:15532640	SSF x LoA	-7,023	0,026	0,294
CHR9	15532685	CHR9:15532685	SSF x LoA	-6,325	-0,008	0,300
CHR9	15540689	CHR9:15540689	SSF x LoA	-7,409	-0,084	0,302
CHR9	15540776	CHR9:15540776	SSF x LoA	-8,458	-0,013	0,288
CHR9	15540784	CHR9:15540784	SSF x LoA	-8,736	-0,051	0,278
CHR9	15540821	CHR9:15540821	SSF x LoA	-3,907	-0,072	0,301
CHR9	15543283	CHR9:15543283	SSF x LoA	-8,898	0,069	0,296
CHR9	15543292	CHR9:15543292	SSF x LoA	-8,484	-0,032	0,276
CHR9	15543439	CHR9:15543439	SSF x LoA	-7,383	-0,057	0,302
CHR9	15543594	CHR9:15543594	SSF x LoA	-4,930	-0,145	0,289
CHR9	15543597	CHR9:15543597	SSF x LoA	-9,617	0,020	0,301
CHR9	15550307	CHR9:15550307	SSF x LoA	-10,308	0,049	0,298
CHR9	15550326	CHR9:15550326	SSF x LoA	-11,739	0,015	0,288
CHR9	15552403	CHR9:15552403	SSF x LoA	-8,997	-0,045	0,288
CHR9	15553148	CHR9:15553148	SSF x LoA	-8,522	-0,016	0,297

CHR9	15553242	CHR9:15553242	SSF x LoA	-5,854	0,156	0,292
CHR9	15591363	CHR9:15591363	SSF x LoA	-8,161	-0,081	0,282
CHR9	15591368	CHR9:15591368	SSF x LoA	-10,830	0,063	0,279
CHR9	15591389	CHR9:15591389	SSF x LoA	-7,161	0,142	0,281
CHR9	15591453	CHR9:15591453	SSF x LoA	-10,591	0,096	0,287
CHR9	15591552	CHR9:15591552	SSF x LoA	-10,680	-0,014	0,294
CHR9	15617032	CHR9:15617032	SSF x LoA	-11,295	0,049	0,285
CHR9	15617239	CHR9:15617239	SSF x LoA	-7,816	-0,029	0,306
CHR9	15617264	CHR9:15617264	SSF x LoA	-8,250	0,002	0,294
CHR9	15618761	CHR9:15618761	SSF x LoA	-9,905	0,011	0,294
CHR9	15640876	CHR9:15640876	SSF x LoA	-8,458	0,025	0,292
CHR9	15640900	CHR9:15640900	SSF x LoA	-10,634	-0,069	0,290
CHR9	15640936	CHR9:15640936	SSF x LoA	-9,270	0,072	0,298
CHR9	15729915	CHR9:15729915	SSF x LoA	-8,262	0,079	0,299
CHR9	15729934	CHR9:15729934	SSF x LoA	-8,396	-0,094	0,264
CHR9	15729935	CHR9:15729935	SSF x LoA	-8,423	-0,057	0,275
CHR9	15730030	CHR9:15730030	SSF x LoA	-7,745	-0,062	0,270
CHR9	15763972	CHR9:15763972	SSF x LoA	-8,590	-0,148	0,284
CHR9	15773535	CHR9:15773535	SSF x LoA	-9,143	0,036	0,284
CHR9	15773694	CHR9:15773694	SSF x LoA	7,624	-0,131	0,281
CHR9	15781567	CHR9:15781567	SSF x LoA	-5,560	0,184	0,284
CHR9	15785293	CHR9:15785293	SSF x LoA	-8,950	-0,064	0,275
CHR9	15820576	CHR9:15820576	SSF x LoA	-8,323	0,081	0,289
CHR9	15820603	CHR9:15820603	SSF x LoA	-9,014	-0,040	0,292
CHR9	15825075	CHR9:15825075	SSF x LoA	-8,102	-0,099	0,294
CHR9	15825094	CHR9:15825094	SSF x LoA	-1,469	0,027	0,299
CHR9	15825125	CHR9:15825125	SSF x LoA	-7,697	0,101	0,292
CHR9	15825189	CHR9:15825189	SSF x LoA	-7,817	-0,105	0,287
CHR9	15850998	CHR9:15850998	SSF x LoA	-10,193	-0,077	0,294
CHR9	15851211	CHR9:15851211	SSF x LoA	-4,462	-0,095	0,296
CHR9	15851243	CHR9:15851243	SSF x LoA	-8,527	0,023	0,278
CHR9	15855002	CHR9:15855002	SSF x LoA	-8,072	-0,116	0,276
CHR9	15855051	CHR9:15855051	SSF x LoA	-9,865	-0,117	0,293
CHR9	15855122	CHR9:15855122	SSF x LoA	-7,156	0,136	0,292
CHR9	15855216	CHR9:15855216	SSF x LoA	-9,029	-0,137	0,283
CHR9	15857443	CHR9:15857443	SSF x LoA	-5,001	0,033	0,298
CHR9	15861229	CHR9:15861229	SSF x LoA	-8,020	0,032	0,294
CHR9	15861231	CHR9:15861231	SSF x LoA	-8,152	-0,014	0,295
CHR9	15879903	CHR9:15879903	SSF x LoA	-6,944	0,189	0,293
CHR9	15879966	CHR9:15879966	SSF x LoA	-7,457	0,092	0,291
CHR9	15887571	CHR9:15887571	SSF x LoA	-8,310	0,106	0,286
CHR9	15887647	CHR9:15887647	SSF x LoA	-10,082	0,040	0,294
CHR9	15887672	CHR9:15887672	SSF x LoA	-7,258	0,117	0,281
CHR9	15887718	CHR9:15887718	SSF x LoA	-3,306	0,101	0,290
CHR9	15887730	CHR9:15887730	SSF x LoA	-7,328	0,088	0,292
CHR9	1590292	CHR9:1590292	SSF x LoA	-10,639	-0,027	0,286
CHR9	15918677	CHR9:15918677	SSF x LoA	-8,224	-0,028	0,292
CHR9	15919493	CHR9:15919493	SSF x LoA	2,364	0,021	0,295
CHR9	15919548	CHR9:15919548	SSF x LoA	-9,065	-0,061	0,292
CHR9	15919561	CHR9:15919561	SSF x LoA	-8,903	-0,009	0,283
CHR9	15919573	CHR9:15919573	SSF x LoA	-8,140	0,029	0,295
CHR9	15919588	CHR9:15919588	SSF x LoA	-5,192	0,045	0,294
CHR9	15919603	CHR9:15919603	SSF x LoA	-9,061	0,115	0,287

CHR9	15919604	CHR9:15919604	SSF x LoA	-9,109	-0,007	0,289
CHR9	15922535	CHR9:15922535	SSF x LoA	-8,404	0,069	0,283
CHR9	15922561	CHR9:15922561	SSF x LoA	-3,550	0,166	0,293
CHR9	15922656	CHR9:15922656	SSF x LoA	-5,480	0,055	0,292
CHR9	15922700	CHR9:15922700	SSF x LoA	-10,258	0,056	0,286
CHR9	15922730	CHR9:15922730	SSF x LoA	-9,025	0,031	0,292
CHR9	15935374	CHR9:15935374	SSF x LoA	-5,082	-0,075	0,285
CHR9	15935442	CHR9:15935442	SSF x LoA	-9,856	-0,055	0,282
CHR9	15935463	CHR9:15935463	SSF x LoA	-5,285	0,047	0,282
CHR9	15936854	CHR9:15936854	SSF x LoA	-9,273	-0,012	0,308
CHR9	15936875	CHR9:15936875	SSF x LoA	-9,050	-0,046	0,284
CHR9	15936888	CHR9:15936888	SSF x LoA	-5,354	-0,017	0,284
CHR9	15939999	CHR9:15939999	SSF x LoA	-6,938	0,151	0,281
CHR9	15947802	CHR9:15947802	SSF x LoA	-8,520	-0,078	0,284
CHR9	15947906	CHR9:15947906	SSF x LoA	-8,688	-0,018	0,286
CHR9	15949756	CHR9:15949756	SSF x LoA	-6,212	-0,121	0,298
CHR9	15949779	CHR9:15949779	SSF x LoA	-9,116	-0,086	0,277
CHR9	15949790	CHR9:15949790	SSF x LoA	-6,482	-0,118	0,289
CHR9	15949793	CHR9:15949793	SSF x LoA	-7,631	-0,078	0,295
CHR9	15949809	CHR9:15949809	SSF x LoA	-7,384	-0,011	0,305
CHR9	15949880	CHR9:15949880	SSF x LoA	-7,474	0,101	0,298
CHR9	15977949	CHR9:15977949	SSF x LoA	-5,254	0,178	0,287
CHR9	15977973	CHR9:15977973	SSF x LoA	-6,088	0,127	0,286
CHR9	15978004	CHR9:15978004	SSF x LoA	-8,666	-0,062	0,287
CHR9	15978015	CHR9:15978015	SSF x LoA	-7,384	0,030	0,284
CHR9	15978021	CHR9:15978021	SSF x LoA	-8,403	0,044	0,275
CHR9	15978043	CHR9:15978043	SSF x LoA	-6,610	0,101	0,293
CHR9	15978138	CHR9:15978138	SSF x LoA	-7,151	-0,156	0,285
CHR9	15978143	CHR9:15978143	SSF x LoA	-8,353	0,090	0,276
CHR9	15978179	CHR9:15978179	SSF x LoA	-8,686	0,070	0,290
CHR9	15985334	CHR9:15985334	SSF x LoA	-8,773	-0,040	0,299
CHR9	15988229	CHR9:15988229	SSF x LoA	-6,574	-0,133	0,280
CHR9	15988259	CHR9:15988259	SSF x LoA	-7,411	0,180	0,277
CHR9	15988302	CHR9:15988302	SSF x LoA	-5,198	0,181	0,283
CHR9	15993034	CHR9:15993034	SSF x LoA	-8,256	-0,064	0,283
CHR9	15993192	CHR9:15993192	SSF x LoA	-7,171	-0,044	0,272
CHR9	15993306	CHR9:15993306	SSF x LoA	-8,756	0,052	0,304
CHR9	15995496	CHR9:15995496	SSF x LoA	-9,797	-0,064	0,279
CHR9	15995712	CHR9:15995712	SSF x LoA	-10,055	0,010	0,281
CHR9	15995760	CHR9:15995760	SSF x LoA	-9,724	0,070	0,285
CHR9	15995808	CHR9:15995808	SSF x LoA	-9,303	0,048	0,301
CHR9	16019233	CHR9:16019233	SSF x LoA	-6,427	-0,149	0,282
CHR9	16019265	CHR9:16019265	SSF x LoA	-7,602	-0,091	0,288
CHR9	16019284	CHR9:16019284	SSF x LoA	-8,060	0,063	0,288
CHR9	16027060	CHR9:16027060	SSF x LoA	-5,383	0,181	0,295
CHR9	16027198	CHR9:16027198	SSF x LoA	-6,970	0,140	0,286
CHR9	16027200	CHR9:16027200	SSF x LoA	-6,901	-0,118	0,275
CHR9	16027239	CHR9:16027239	SSF x LoA	-9,217	-0,045	0,295
CHR9	16027325	CHR9:16027325	SSF x LoA	-9,154	0,005	0,296
CHR9	16052563	CHR9:16052563	SSF x LoA	-8,625	0,087	0,276
CHR9	16052663	CHR9:16052663	SSF x LoA	-9,238	0,064	0,283
CHR9	16052695	CHR9:16052695	SSF x LoA	-8,534	0,016	0,271
CHR9	16052698	CHR9:16052698	SSF x LoA	-7,600	0,037	0,288

CHR9	16052708	CHR9:16052708	SSF x LoA	-8,171	0,028	0,284
CHR9	16052847	CHR9:16052847	SSF x LoA	3,808	0,087	0,291
CHR9	16054141	CHR9:16054141	SSF x LoA	-9,402	0,036	0,288
CHR9	16055153	CHR9:16055153	SSF x LoA	-7,649	-0,002	0,299
CHR9	16055155	CHR9:16055155	SSF x LoA	-6,332	0,157	0,285
CHR9	16055159	CHR9:16055159	SSF x LoA	-5,359	0,187	0,265
CHR9	16055166	CHR9:16055166	SSF x LoA	-5,385	0,171	0,279
CHR9	16055175	CHR9:16055175	SSF x LoA	-5,640	-0,190	0,275
CHR9	16055177	CHR9:16055177	SSF x LoA	-7,825	0,153	0,274
CHR9	16055191	CHR9:16055191	SSF x LoA	-3,597	0,160	0,285
CHR9	16055196	CHR9:16055196	SSF x LoA	-3,067	0,152	0,279
CHR9	16064813	CHR9:16064813	SSF x LoA	-11,973	-0,001	0,297
CHR9	16064821	CHR9:16064821	SSF x LoA	-10,991	0,019	0,293
CHR9	16064837	CHR9:16064837	SSF x LoA	-10,842	0,012	0,284
CHR9	16064965	CHR9:16064965	SSF x LoA	-7,515	0,007	0,304
CHR9	16064997	CHR9:16064997	SSF x LoA	-10,029	0,110	0,298
CHR9	16065017	CHR9:16065017	SSF x LoA	-10,232	0,071	0,293
CHR9	16066631	CHR9:16066631	SSF x LoA	-10,535	0,065	0,293
CHR9	16067646	CHR9:16067646	SSF x LoA	-10,398	-0,048	0,278
CHR9	16067661	CHR9:16067661	SSF x LoA	-10,340	-0,015	0,291
CHR9	16067670	CHR9:16067670	SSF x LoA	-8,519	0,089	0,283
CHR9	16067740	CHR9:16067740	SSF x LoA	-6,622	-0,019	0,289
CHR9	16067786	CHR9:16067786	SSF x LoA	0,741	0,099	0,273
CHR9	16067805	CHR9:16067805	SSF x LoA	-5,532	-0,076	0,261
CHR9	16067865	CHR9:16067865	SSF x LoA	-10,691	0,088	0,279
CHR9	16083292	CHR9:16083292	SSF x LoA	-7,942	0,115	0,295
CHR9	16084225	CHR9:16084225	SSF x LoA	-8,685	-0,025	0,297
CHR9	16104483	CHR9:16104483	SSF x LoA	-6,780	0,085	0,307
CHR9	16104487	CHR9:16104487	SSF x LoA	-8,767	0,042	0,302
CHR9	16113016	CHR9:16113016	SSF x LoA	-7,420	0,124	0,316
CHR9	16113131	CHR9:16113131	SSF x LoA	-8,485	-0,060	0,286
CHR9	16117842	CHR9:16117842	SSF x LoA	-0,016	-0,192	0,276
CHR9	16117877	CHR9:16117877	SSF x LoA	-1,322	0,059	0,285
CHR9	16117923	CHR9:16117923	SSF x LoA	-6,042	0,145	0,281
CHR9	16117933	CHR9:16117933	SSF x LoA	-4,575	0,162	0,266
CHR9	16117947	CHR9:16117947	SSF x LoA	-5,324	0,180	0,284
CHR9	16117994	CHR9:16117994	SSF x LoA	-9,071	0,134	0,281
CHR9	16133196	CHR9:16133196	SSF x LoA	-3,077	-0,177	0,290
CHR9	16133197	CHR9:16133197	SSF x LoA	-7,411	-0,168	0,273
CHR9	16133215	CHR9:16133215	SSF x LoA	-6,155	-0,022	0,292
CHR9	16133344	CHR9:16133344	SSF x LoA	-9,568	0,005	0,296
CHR9	16133350	CHR9:16133350	SSF x LoA	-6,310	-0,180	0,293
CHR9	16134789	CHR9:16134789	SSF x LoA	-6,463	-0,152	0,277
CHR9	16134795	CHR9:16134795	SSF x LoA	-8,564	0,036	0,307
CHR9	16134812	CHR9:16134812	SSF x LoA	-10,843	-0,010	0,289
CHR9	16134848	CHR9:16134848	SSF x LoA	-8,797	-0,064	0,295
CHR9	16150291	CHR9:16150291	SSF x LoA	-8,123	-0,017	0,279
CHR9	16150296	CHR9:16150296	SSF x LoA	-7,836	-0,053	0,296
CHR9	16150329	CHR9:16150329	SSF x LoA	-8,229	-0,006	0,289
CHR9	16150353	CHR9:16150353	SSF x LoA	-10,279	0,028	0,288
CHR9	16150400	CHR9:16150400	SSF x LoA	-8,987	0,000	0,284
CHR9	16150404	CHR9:16150404	SSF x LoA	-7,645	-0,146	0,288
CHR9	16162309	CHR9:16162309	SSF x LoA	-8,055	-0,100	0,276

CHR9	16162329	CHR9:16162329	SSF x LoA	-9,813	-0,015	0,290
CHR9	16165321	CHR9:16165321	SSF x LoA	-7,947	-0,079	0,287
CHR9	16165519	CHR9:16165519	SSF x LoA	-9,438	0,107	0,279
CHR9	16171883	CHR9:16171883	SSF x LoA	-8,408	-0,104	0,301
CHR9	16172038	CHR9:16172038	SSF x LoA	-10,358	-0,020	0,279
CHR9	16205806	CHR9:16205806	SSF x LoA	-7,751	0,093	0,289
CHR9	16211406	CHR9:16211406	SSF x LoA	-9,681	-0,015	0,288
CHR9	16211469	CHR9:16211469	SSF x LoA	-7,321	0,007	0,279
CHR9	16211706	CHR9:16211706	SSF x LoA	-6,520	-0,099	0,269
CHR9	16237557	CHR9:16237557	SSF x LoA	-7,418	0,066	0,306
CHR9	16237558	CHR9:16237558	SSF x LoA	-7,954	0,066	0,284
CHR9	16237564	CHR9:16237564	SSF x LoA	-9,908	-0,056	0,285
CHR9	16237576	CHR9:16237576	SSF x LoA	-9,128	0,085	0,289
CHR9	16237580	CHR9:16237580	SSF x LoA	-7,541	0,084	0,291
CHR9	16241894	CHR9:16241894	SSF x LoA	-4,680	0,152	0,268
CHR9	16243331	CHR9:16243331	SSF x LoA	-6,934	-0,072	0,293
CHR9	16243348	CHR9:16243348	SSF x LoA	-6,715	-0,094	0,284
CHR9	16243350	CHR9:16243350	SSF x LoA	-10,714	-0,087	0,288
CHR9	16243359	CHR9:16243359	SSF x LoA	-8,097	-0,103	0,289
CHR9	16243450	CHR9:16243450	SSF x LoA	-6,941	0,100	0,290
CHR9	16243451	CHR9:16243451	SSF x LoA	-9,494	0,072	0,281
CHR9	16243457	CHR9:16243457	SSF x LoA	-8,018	0,034	0,290
CHR9	1625179	CHR9:1625179	SSF x LoA	-8,100	0,048	0,287
CHR9	1625184	CHR9:1625184	SSF x LoA	-6,852	0,065	0,306
CHR9	1625438	CHR9:1625438	SSF x LoA	-10,782	-0,026	0,290
CHR9	16271432	CHR9:16271432	SSF x LoA	-9,348	-0,009	0,282
CHR9	16271433	CHR9:16271433	SSF x LoA	-8,729	-0,002	0,286
CHR9	16271457	CHR9:16271457	SSF x LoA	-8,415	0,085	0,274
CHR9	16271540	CHR9:16271540	SSF x LoA	-9,872	0,048	0,280
CHR9	16271677	CHR9:16271677	SSF x LoA	-11,299	0,030	0,272
CHR9	16279287	CHR9:16279287	SSF x LoA	-10,692	0,070	0,297
CHR9	16279601	CHR9:16279601	SSF x LoA	-7,538	-0,026	0,294
CHR9	16315310	CHR9:16315310	SSF x LoA	-8,198	-0,054	0,277
CHR9	16326690	CHR9:16326690	SSF x LoA	-8,099	0,065	0,278
CHR9	16329964	CHR9:16329964	SSF x LoA	-9,443	0,004	0,266
CHR9	16330075	CHR9:16330075	SSF x LoA	-9,670	-0,085	0,292
CHR9	16330076	CHR9:16330076	SSF x LoA	-7,460	-0,131	0,290
CHR9	16330102	CHR9:16330102	SSF x LoA	-8,958	0,030	0,287
CHR9	16330118	CHR9:16330118	SSF x LoA	-10,451	-0,016	0,283
CHR9	16330144	CHR9:16330144	SSF x LoA	-9,618	-0,034	0,270
CHR9	16335745	CHR9:16335745	SSF x LoA	-9,617	-0,014	0,292
CHR9	16336663	CHR9:16336663	SSF x LoA	-8,583	0,050	0,274
CHR9	16349983	CHR9:16349983	SSF x LoA	-10,532	0,106	0,292
CHR9	16350068	CHR9:16350068	SSF x LoA	-8,829	-0,058	0,295
CHR9	16350092	CHR9:16350092	SSF x LoA	-10,040	-0,049	0,290
CHR9	16350101	CHR9:16350101	SSF x LoA	-7,792	-0,060	0,285
CHR9	16350134	CHR9:16350134	SSF x LoA	-9,900	-0,007	0,306
CHR9	16350215	CHR9:16350215	SSF x LoA	-4,999	-0,151	0,289
CHR9	16361257	CHR9:16361257	SSF x LoA	-7,806	0,056	0,281
CHR9	16362892	CHR9:16362892	SSF x LoA	-7,401	-0,079	0,289
CHR9	16362918	CHR9:16362918	SSF x LoA	-8,297	-0,019	0,291
CHR9	16362942	CHR9:16362942	SSF x LoA	-9,742	-0,039	0,294
CHR9	16363013	CHR9:16363013	SSF x LoA	-6,679	0,154	0,270

CHR9	16368501	CHR9:16368501	SSF x LoA	-7,630	0,120	0,292
CHR9	16368580	CHR9:16368580	SSF x LoA	-9,361	0,125	0,281
CHR9	16368670	CHR9:16368670	SSF x LoA	-9,418	0,020	0,293
CHR9	16378719	CHR9:16378719	SSF x LoA	-9,026	0,034	0,277
CHR9	16381728	CHR9:16381728	SSF x LoA	-8,279	-0,133	0,282
CHR9	16381755	CHR9:16381755	SSF x LoA	-10,488	0,056	0,297
CHR9	16381799	CHR9:16381799	SSF x LoA	-8,302	0,074	0,293
CHR9	16381890	CHR9:16381890	SSF x LoA	-9,488	-0,062	0,292
CHR9	16382867	CHR9:16382867	SSF x LoA	-9,688	-0,025	0,292
CHR9	16382934	CHR9:16382934	SSF x LoA	-5,774	0,050	0,280
CHR9	16382975	CHR9:16382975	SSF x LoA	-7,298	0,125	0,307
CHR9	16383031	CHR9:16383031	SSF x LoA	-7,893	-0,107	0,285
CHR9	16383087	CHR9:16383087	SSF x LoA	-7,711	-0,022	0,294
CHR9	16397785	CHR9:16397785	SSF x LoA	-6,570	0,001	0,276
CHR9	16397834	CHR9:16397834	SSF x LoA	-4,240	-0,094	0,293
CHR9	16397838	CHR9:16397838	SSF x LoA	-12,073	0,028	0,281
CHR9	16397895	CHR9:16397895	SSF x LoA	-2,756	0,176	0,278
CHR9	16397955	CHR9:16397955	SSF x LoA	-6,142	0,122	0,271
CHR9	16401804	CHR9:16401804	SSF x LoA	-9,866	-0,071	0,294
CHR9	16407649	CHR9:16407649	SSF x LoA	-8,322	-0,029	0,280
CHR9	16407660	CHR9:16407660	SSF x LoA	-5,030	0,219	0,274
CHR9	16407739	CHR9:16407739	SSF x LoA	-10,287	-0,075	0,278
CHR9	16407842	CHR9:16407842	SSF x LoA	-8,293	-0,097	0,278
CHR9	16419028	CHR9:16419028	SSF x LoA	-8,346	0,073	0,284
CHR9	16419125	CHR9:16419125	SSF x LoA	-10,697	0,136	0,262
CHR9	16422167	CHR9:16422167	SSF x LoA	-7,752	-0,059	0,297
CHR9	16424302	CHR9:16424302	SSF x LoA	-9,855	-0,026	0,287
CHR9	16424357	CHR9:16424357	SSF x LoA	-8,715	0,035	0,292
CHR9	16424360	CHR9:16424360	SSF x LoA	-9,040	0,031	0,279
CHR9	16424363	CHR9:16424363	SSF x LoA	-7,135	-0,037	0,314
CHR9	16424364	CHR9:16424364	SSF x LoA	-7,417	0,009	0,290
CHR9	16424377	CHR9:16424377	SSF x LoA	-9,255	-0,002	0,281
CHR9	1643747	CHR9:1643747	SSF x LoA	-10,158	0,087	0,297
CHR9	1643817	CHR9:1643817	SSF x LoA	-8,409	-0,070	0,279
CHR9	1643868	CHR9:1643868	SSF x LoA	-9,278	-0,196	0,281
CHR9	1643872	CHR9:1643872	SSF x LoA	-8,429	-0,095	0,295
CHR9	1643980	CHR9:1643980	SSF x LoA	-11,294	0,076	0,280
CHR9	1643988	CHR9:1643988	SSF x LoA	-6,642	-0,080	0,289
CHR9	16440796	CHR9:16440796	SSF x LoA	-7,561	0,038	0,297
CHR9	16440805	CHR9:16440805	SSF x LoA	-5,662	0,137	0,272
CHR9	16440829	CHR9:16440829	SSF x LoA	-7,433	0,056	0,290
CHR9	16440908	CHR9:16440908	SSF x LoA	-8,039	0,167	0,292
CHR9	16440933	CHR9:16440933	SSF x LoA	-8,490	0,019	0,298
CHR9	16451553	CHR9:16451553	SSF x LoA	-7,602	0,114	0,282
CHR9	16451679	CHR9:16451679	SSF x LoA	-8,571	0,114	0,270
CHR9	1649763	CHR9:1649763	SSF x LoA	-9,575	0,008	0,293
CHR9	1649808	CHR9:1649808	SSF x LoA	-8,318	0,052	0,296
CHR9	16546931	CHR9:16546931	SSF x LoA	-7,129	0,164	0,290
CHR9	16547041	CHR9:16547041	SSF x LoA	-10,565	0,021	0,287
CHR9	16547164	CHR9:16547164	SSF x LoA	3,217	0,156	0,274
CHR9	16550957	CHR9:16550957	SSF x LoA	-9,701	-0,019	0,287
CHR9	16551167	CHR9:16551167	SSF x LoA	-6,905	0,014	0,302
CHR9	16560634	CHR9:16560634	SSF x LoA	-10,555	0,058	0,280

CHR9	16560837	CHR9:16560837	SSF x LoA	-9,746	0,050	0,293
CHR9	16564925	CHR9:16564925	SSF x LoA	-8,242	-0,007	0,299
CHR9	16565061	CHR9:16565061	SSF x LoA	-9,206	-0,108	0,284
CHR9	16565130	CHR9:16565130	SSF x LoA	-8,279	0,104	0,281
CHR9	16581981	CHR9:16581981	SSF x LoA	-6,501	-0,035	0,293
CHR9	1660578	CHR9:1660578	SSF x LoA	-8,045	-0,025	0,283
CHR9	1660928	CHR9:1660928	SSF x LoA	-8,653	-0,098	0,277
CHR9	16631883	CHR9:16631883	SSF x LoA	-6,467	-0,096	0,288
CHR9	16631884	CHR9:16631884	SSF x LoA	-2,002	-0,124	0,282
CHR9	16631916	CHR9:16631916	SSF x LoA	-9,970	-0,032	0,295
CHR9	16636498	CHR9:16636498	SSF x LoA	-6,273	-0,092	0,278
CHR9	16636527	CHR9:16636527	SSF x LoA	-8,365	-0,069	0,306
CHR9	16636602	CHR9:16636602	SSF x LoA	-9,441	0,068	0,291
CHR9	16638604	CHR9:16638604	SSF x LoA	-6,324	0,077	0,274
CHR9	16638628	CHR9:16638628	SSF x LoA	-8,399	0,130	0,288
CHR9	16638733	CHR9:16638733	SSF x LoA	-6,714	0,136	0,260
CHR9	16638760	CHR9:16638760	SSF x LoA	-8,806	0,109	0,288
CHR9	16645331	CHR9:16645331	SSF x LoA	-7,442	-0,044	0,296
CHR9	16645380	CHR9:16645380	SSF x LoA	-8,348	-0,071	0,288
CHR9	16645448	CHR9:16645448	SSF x LoA	-8,342	0,156	0,282
CHR9	16649033	CHR9:16649033	SSF x LoA	-7,753	-0,028	0,288
CHR9	16649129	CHR9:16649129	SSF x LoA	-9,524	0,052	0,295
CHR9	16663293	CHR9:16663293	SSF x LoA	-8,552	-0,053	0,281
CHR9	16663593	CHR9:16663593	SSF x LoA	-8,168	-0,041	0,287
CHR9	16667054	CHR9:16667054	SSF x LoA	-5,766	-0,168	0,276
CHR9	16678220	CHR9:16678220	SSF x LoA	-7,673	-0,012	0,304
CHR9	16678312	CHR9:16678312	SSF x LoA	-11,616	0,011	0,275
CHR9	16678313	CHR9:16678313	SSF x LoA	-6,607	0,113	0,282
CHR9	16678568	CHR9:16678568	SSF x LoA	-9,272	0,156	0,292
CHR9	16681567	CHR9:16681567	SSF x LoA	-11,354	0,032	0,281
CHR9	16681702	CHR9:16681702	SSF x LoA	-8,129	-0,057	0,285
CHR9	16699927	CHR9:16699927	SSF x LoA	-6,177	-0,036	0,296
CHR9	16726613	CHR9:16726613	SSF x LoA	-8,118	-0,023	0,293
CHR9	16726761	CHR9:16726761	SSF x LoA	-1,850	-0,159	0,292
CHR9	16726807	CHR9:16726807	SSF x LoA	-11,140	0,045	0,292
CHR9	16726918	CHR9:16726918	SSF x LoA	-6,729	-0,073	0,291
CHR9	16726945	CHR9:16726945	SSF x LoA	-6,563	-0,098	0,279
CHR9	16729198	CHR9:16729198	SSF x LoA	-6,942	0,146	0,275
CHR9	16729252	CHR9:16729252	SSF x LoA	-9,377	-0,027	0,282
CHR9	16729340	CHR9:16729340	SSF x LoA	-6,897	-0,108	0,288
CHR9	16729343	CHR9:16729343	SSF x LoA	-10,664	0,038	0,281
CHR9	16729356	CHR9:16729356	SSF x LoA	-9,614	0,083	0,291
CHR9	16729382	CHR9:16729382	SSF x LoA	-9,683	0,000	0,266
CHR9	16740169	CHR9:16740169	SSF x LoA	-8,984	-0,033	0,276
CHR9	16740185	CHR9:16740185	SSF x LoA	-6,681	0,130	0,294
CHR9	16742044	CHR9:16742044	SSF x LoA	-7,394	-0,066	0,296
CHR9	16745729	CHR9:16745729	SSF x LoA	-8,668	-0,078	0,289
CHR9	16768362	CHR9:16768362	SSF x LoA	-6,942	-0,137	0,290
CHR9	16768415	CHR9:16768415	SSF x LoA	-8,047	-0,033	0,289
CHR9	16768480	CHR9:16768480	SSF x LoA	-8,067	-0,055	0,288
CHR9	16780506	CHR9:16780506	SSF x LoA	-10,683	0,121	0,279
CHR9	16780673	CHR9:16780673	SSF x LoA	-10,175	0,064	0,296
CHR9	16790691	CHR9:16790691	SSF x LoA	-5,176	-0,024	0,302

CHR9	16790735	CHR9:16790735	SSF x LoA	-8,666	-0,004	0,300
CHR9	16798849	CHR9:16798849	SSF x LoA	-9,869	-0,085	0,292
CHR9	16798866	CHR9:16798866	SSF x LoA	-7,876	0,084	0,286
CHR9	16807202	CHR9:16807202	SSF x LoA	-3,051	-0,245	0,289
CHR9	16810007	CHR9:16810007	SSF x LoA	-8,468	0,044	0,293
CHR9	16815679	CHR9:16815679	SSF x LoA	-8,784	0,070	0,288
CHR9	16815739	CHR9:16815739	SSF x LoA	-9,033	-0,083	0,290
CHR9	16852632	CHR9:16852632	SSF x LoA	-5,369	0,086	0,300
CHR9	16852666	CHR9:16852666	SSF x LoA	-9,313	-0,005	0,300
CHR9	16852764	CHR9:16852764	SSF x LoA	-8,758	0,082	0,295
CHR9	16852806	CHR9:16852806	SSF x LoA	-7,570	0,019	0,302
CHR9	16854194	CHR9:16854194	SSF x LoA	-0,415	-0,174	0,284
CHR9	16873208	CHR9:16873208	SSF x LoA	-8,473	0,044	0,283
CHR9	16914466	CHR9:16914466	SSF x LoA	-6,099	0,162	0,292
CHR9	16923303	CHR9:16923303	SSF x LoA	-6,403	-0,215	0,278
CHR9	16926678	CHR9:16926678	SSF x LoA	-8,411	-0,076	0,280
CHR9	1699380	CHR9:1699380	SSF x LoA	-7,929	0,060	0,267
CHR9	17014687	CHR9:17014687	SSF x LoA	-8,393	0,025	0,293
CHR9	170449	CHR9:170449	SSF x LoA	-7,467	0,053	0,289
CHR9	17048893	CHR9:17048893	SSF x LoA	-8,569	0,001	0,297
CHR9	17062597	CHR9:17062597	SSF x LoA	-8,793	0,079	0,291
CHR9	17086872	CHR9:17086872	SSF x LoA	-8,644	0,126	0,286
CHR9	17087200	CHR9:17087200	SSF x LoA	-9,146	-0,060	0,294
CHR9	17097725	CHR9:17097725	SSF x LoA	-8,728	-0,062	0,277
CHR9	17097766	CHR9:17097766	SSF x LoA	-9,100	0,064	0,286
CHR9	17107201	CHR9:17107201	SSF x LoA	-8,780	0,078	0,287
CHR9	17107282	CHR9:17107282	SSF x LoA	-7,618	0,127	0,294
CHR9	17107361	CHR9:17107361	SSF x LoA	-8,042	0,115	0,284
CHR9	17111046	CHR9:17111046	SSF x LoA	-8,005	-0,145	0,295
CHR9	17114959	CHR9:17114959	SSF x LoA	-7,511	0,036	0,309
CHR9	17114961	CHR9:17114961	SSF x LoA	-6,440	-0,087	0,291
CHR9	17117978	CHR9:17117978	SSF x LoA	-10,423	0,052	0,296
CHR9	17117979	CHR9:17117979	SSF x LoA	-9,308	0,012	0,294
CHR9	17118103	CHR9:17118103	SSF x LoA	-7,821	-0,064	0,297
CHR9	17121902	CHR9:17121902	SSF x LoA	-8,067	-0,064	0,295
CHR9	17121952	CHR9:17121952	SSF x LoA	-7,425	-0,006	0,289
CHR9	17121955	CHR9:17121955	SSF x LoA	-9,029	-0,072	0,286
CHR9	17124487	CHR9:17124487	SSF x LoA	-11,446	0,034	0,293
CHR9	17124545	CHR9:17124545	SSF x LoA	-10,149	-0,045	0,291
CHR9	17124628	CHR9:17124628	SSF x LoA	-10,490	-0,064	0,301
CHR9	17124650	CHR9:17124650	SSF x LoA	-8,705	-0,082	0,299
CHR9	17136378	CHR9:17136378	SSF x LoA	-8,179	0,026	0,288
CHR9	17136411	CHR9:17136411	SSF x LoA	-9,262	0,080	0,280
CHR9	17136456	CHR9:17136456	SSF x LoA	-7,711	0,072	0,286
CHR9	17136457	CHR9:17136457	SSF x LoA	-7,228	-0,086	0,286
CHR9	17136498	CHR9:17136498	SSF x LoA	-9,635	0,084	0,290
CHR9	17136500	CHR9:17136500	SSF x LoA	-11,171	0,098	0,283
CHR9	17137613	CHR9:17137613	SSF x LoA	-10,332	0,080	0,302
CHR9	17137684	CHR9:17137684	SSF x LoA	-10,306	-0,001	0,296
CHR9	17137728	CHR9:17137728	SSF x LoA	-10,039	0,136	0,275
CHR9	17162689	CHR9:17162689	SSF x LoA	-7,379	-0,115	0,292
CHR9	17162692	CHR9:17162692	SSF x LoA	-9,197	0,030	0,299
CHR9	17162788	CHR9:17162788	SSF x LoA	-9,262	-0,002	0,295

CHR9	17162938	CHR9:17162938	SSF x LoA	-6,291	-0,181	0,270
CHR9	17162980	CHR9:17162980	SSF x LoA	-7,135	0,115	0,293
CHR9	17163047	CHR9:17163047	SSF x LoA	-9,628	-0,044	0,303
CHR9	17163057	CHR9:17163057	SSF x LoA	-7,437	0,020	0,304
CHR9	17170934	CHR9:17170934	SSF x LoA	-8,485	0,132	0,288
CHR9	17170962	CHR9:17170962	SSF x LoA	-2,168	0,091	0,291
CHR9	17171155	CHR9:17171155	SSF x LoA	-8,882	-0,064	0,299
CHR9	1718818	CHR9:1718818	SSF x LoA	-8,077	0,034	0,284
CHR9	1718851	CHR9:1718851	SSF x LoA	-9,340	-0,071	0,302
CHR9	1718864	CHR9:1718864	SSF x LoA	-9,318	-0,086	0,297
CHR9	1718865	CHR9:1718865	SSF x LoA	-10,741	-0,074	0,290
CHR9	17189789	CHR9:17189789	SSF x LoA	-11,058	0,101	0,278
CHR9	17189828	CHR9:17189828	SSF x LoA	-9,346	0,148	0,281
CHR9	17189923	CHR9:17189923	SSF x LoA	-7,724	-0,012	0,292
CHR9	17189945	CHR9:17189945	SSF x LoA	-8,526	0,045	0,300
CHR9	17212340	CHR9:17212340	SSF x LoA	-8,344	-0,059	0,288
CHR9	17214992	CHR9:17214992	SSF x LoA	-7,902	-0,059	0,292
CHR9	17243655	CHR9:17243655	SSF x LoA	-8,036	-0,181	0,258
CHR9	17249138	CHR9:17249138	SSF x LoA	-9,602	-0,075	0,283
CHR9	17249231	CHR9:17249231	SSF x LoA	-8,045	-0,112	0,293
CHR9	17249324	CHR9:17249324	SSF x LoA	-7,489	0,075	0,293
CHR9	17257010	CHR9:17257010	SSF x LoA	-6,633	-0,164	0,279
CHR9	17257277	CHR9:17257277	SSF x LoA	-8,677	-0,005	0,292
CHR9	17263788	CHR9:17263788	SSF x LoA	-8,543	-0,092	0,291
CHR9	17266277	CHR9:17266277	SSF x LoA	-10,249	0,077	0,300
CHR9	17266503	CHR9:17266503	SSF x LoA	-8,523	-0,109	0,287
CHR9	17266518	CHR9:17266518	SSF x LoA	-6,816	-0,137	0,295
CHR9	17266520	CHR9:17266520	SSF x LoA	-7,521	-0,113	0,289
CHR9	17266530	CHR9:17266530	SSF x LoA	0,430	-0,081	0,274
CHR9	17275240	CHR9:17275240	SSF x LoA	-7,679	-0,199	0,284
CHR9	17275254	CHR9:17275254	SSF x LoA	-5,762	0,019	0,288
CHR9	17275375	CHR9:17275375	SSF x LoA	-8,148	0,048	0,295
CHR9	17275439	CHR9:17275439	SSF x LoA	-8,790	-0,102	0,267
CHR9	17296430	CHR9:17296430	SSF x LoA	-9,418	0,070	0,292
CHR9	17296694	CHR9:17296694	SSF x LoA	-8,952	0,054	0,286
CHR9	17300481	CHR9:17300481	SSF x LoA	-8,931	-0,052	0,270
CHR9	17301932	CHR9:17301932	SSF x LoA	-9,210	0,033	0,277
CHR9	17302053	CHR9:17302053	SSF x LoA	-7,524	0,005	0,287
CHR9	17302653	CHR9:17302653	SSF x LoA	-7,509	0,064	0,300
CHR9	17320038	CHR9:17320038	SSF x LoA	-9,347	-0,075	0,283
CHR9	17320168	CHR9:17320168	SSF x LoA	-7,195	-0,081	0,306
CHR9	17320240	CHR9:17320240	SSF x LoA	-9,677	0,027	0,291
CHR9	17339932	CHR9:17339932	SSF x LoA	-11,185	-0,005	0,294
CHR9	17339959	CHR9:17339959	SSF x LoA	-9,783	-0,046	0,281
CHR9	17340040	CHR9:17340040	SSF x LoA	-8,915	0,061	0,259
CHR9	17348426	CHR9:17348426	SSF x LoA	-10,632	-0,047	0,281
CHR9	17348468	CHR9:17348468	SSF x LoA	-6,267	-0,173	0,272
CHR9	17348485	CHR9:17348485	SSF x LoA	-7,852	-0,133	0,285
CHR9	17348507	CHR9:17348507	SSF x LoA	-7,456	-0,198	0,281
CHR9	17348583	CHR9:17348583	SSF x LoA	-8,611	0,034	0,276
CHR9	17348761	CHR9:17348761	SSF x LoA	-9,241	-0,038	0,283
CHR9	17363262	CHR9:17363262	SSF x LoA	-6,302	0,107	0,272
CHR9	17368192	CHR9:17368192	SSF x LoA	-7,513	-0,011	0,288

CHR9	17368217	CHR9:17368217	SSF x LoA	-10,344	-0,079	0,282
CHR9	17368229	CHR9:17368229	SSF x LoA	-9,506	-0,046	0,298
CHR9	17368250	CHR9:17368250	SSF x LoA	-9,438	-0,050	0,287
CHR9	17376048	CHR9:17376048	SSF x LoA	-9,457	0,004	0,279
CHR9	17376075	CHR9:17376075	SSF x LoA	-10,098	0,127	0,275
CHR9	17377474	CHR9:17377474	SSF x LoA	-10,950	-0,041	0,276
CHR9	17385894	CHR9:17385894	SSF x LoA	-8,084	-0,117	0,288
CHR9	17385912	CHR9:17385912	SSF x LoA	-9,399	-0,131	0,288
CHR9	17385967	CHR9:17385967	SSF x LoA	-7,916	-0,041	0,288
CHR9	17386333	CHR9:17386333	SSF x LoA	-9,017	-0,045	0,299
CHR9	17391252	CHR9:17391252	SSF x LoA	-9,616	0,081	0,289
CHR9	17392779	CHR9:17392779	SSF x LoA	-9,360	0,021	0,297
CHR9	17392885	CHR9:17392885	SSF x LoA	-10,718	-0,010	0,276
CHR9	17392987	CHR9:17392987	SSF x LoA	-8,590	-0,020	0,297
CHR9	17392997	CHR9:17392997	SSF x LoA	-9,424	0,001	0,295
CHR9	17393003	CHR9:17393003	SSF x LoA	-9,793	0,001	0,294
CHR9	17393030	CHR9:17393030	SSF x LoA	-8,594	-0,075	0,282
CHR9	17405151	CHR9:17405151	SSF x LoA	-8,236	-0,043	0,299
CHR9	17405163	CHR9:17405163	SSF x LoA	-11,275	-0,036	0,283
CHR9	17405385	CHR9:17405385	SSF x LoA	-8,002	0,061	0,291
CHR9	17405452	CHR9:17405452	SSF x LoA	-5,695	-0,126	0,282
CHR9	17405477	CHR9:17405477	SSF x LoA	-10,667	0,001	0,304
CHR9	17405493	CHR9:17405493	SSF x LoA	-9,398	-0,037	0,290
CHR9	17405529	CHR9:17405529	SSF x LoA	-8,897	0,086	0,280
CHR9	17414141	CHR9:17414141	SSF x LoA	-4,621	-0,197	0,281
CHR9	17414142	CHR9:17414142	SSF x LoA	-2,604	-0,198	0,291
CHR9	17414199	CHR9:17414199	SSF x LoA	-10,356	-0,006	0,283
CHR9	17418189	CHR9:17418189	SSF x LoA	-10,628	-0,077	0,297
CHR9	17418218	CHR9:17418218	SSF x LoA	-9,355	0,015	0,294
CHR9	17444770	CHR9:17444770	SSF x LoA	-8,749	0,008	0,306
CHR9	17449081	CHR9:17449081	SSF x LoA	-1,807	0,046	0,307
CHR9	17449237	CHR9:17449237	SSF x LoA	-9,546	0,001	0,274
CHR9	17449332	CHR9:17449332	SSF x LoA	-9,309	-0,110	0,289
CHR9	17449378	CHR9:17449378	SSF x LoA	-10,311	0,045	0,291
CHR9	17449405	CHR9:17449405	SSF x LoA	-5,476	-0,073	0,294
CHR9	17449485	CHR9:17449485	SSF x LoA	-6,830	0,161	0,288
CHR9	17466743	CHR9:17466743	SSF x LoA	-9,948	0,081	0,278
CHR9	17466980	CHR9:17466980	SSF x LoA	-8,459	-0,088	0,302
CHR9	17478805	CHR9:17478805	SSF x LoA	-9,559	-0,094	0,300
CHR9	17489563	CHR9:17489563	SSF x LoA	-7,057	0,153	0,291
CHR9	17489605	CHR9:17489605	SSF x LoA	-10,399	-0,027	0,290
CHR9	17489652	CHR9:17489652	SSF x LoA	-11,129	-0,048	0,271
CHR9	17489659	CHR9:17489659	SSF x LoA	-8,931	-0,116	0,265
CHR9	17489688	CHR9:17489688	SSF x LoA	-8,289	-0,013	0,279
CHR9	17489729	CHR9:17489729	SSF x LoA	-0,147	0,198	0,284
CHR9	17489794	CHR9:17489794	SSF x LoA	-8,934	0,045	0,298
CHR9	17489798	CHR9:17489798	SSF x LoA	-10,109	0,068	0,285
CHR9	17489805	CHR9:17489805	SSF x LoA	-9,014	0,040	0,302
CHR9	17489816	CHR9:17489816	SSF x LoA	-10,812	-0,046	0,285
CHR9	17489824	CHR9:17489824	SSF x LoA	-9,706	0,068	0,290
CHR9	17489845	CHR9:17489845	SSF x LoA	-8,750	-0,012	0,279
CHR9	17489899	CHR9:17489899	SSF x LoA	-7,832	0,059	0,295
CHR9	17494994	CHR9:17494994	SSF x LoA	-7,582	-0,043	0,273

CHR9	17495145	CHR9:17495145	SSF x LoA	-10,025	0,001	0,262
CHR9	17495187	CHR9:17495187	SSF x LoA	-8,530	-0,031	0,263
CHR9	17495219	CHR9:17495219	SSF x LoA	-7,327	0,026	0,284
CHR9	17514872	CHR9:17514872	SSF x LoA	-7,606	0,010	0,298
CHR9	17514959	CHR9:17514959	SSF x LoA	-9,982	-0,057	0,292
CHR9	17519051	CHR9:17519051	SSF x LoA	-9,105	-0,080	0,301
CHR9	17528564	CHR9:17528564	SSF x LoA	-8,565	-0,098	0,282
CHR9	17528597	CHR9:17528597	SSF x LoA	-9,102	0,087	0,281
CHR9	17529046	CHR9:17529046	SSF x LoA	-0,262	-0,242	0,281
CHR9	17537734	CHR9:17537734	SSF x LoA	-10,759	-0,064	0,299
CHR9	17537785	CHR9:17537785	SSF x LoA	-9,690	0,084	0,284
CHR9	17539053	CHR9:17539053	SSF x LoA	-10,881	0,031	0,292
CHR9	17539180	CHR9:17539180	SSF x LoA	-7,671	0,037	0,283
CHR9	17539207	CHR9:17539207	SSF x LoA	-8,297	0,025	0,284
CHR9	17545509	CHR9:17545509	SSF x LoA	-7,845	-0,005	0,292
CHR9	1754820	CHR9:1754820	SSF x LoA	-8,151	0,045	0,288
CHR9	1754915	CHR9:1754915	SSF x LoA	-6,411	-0,158	0,283
CHR9	17558291	CHR9:17558291	SSF x LoA	-6,132	-0,216	0,276
CHR9	17561954	CHR9:17561954	SSF x LoA	-6,922	-0,208	0,285
CHR9	17572600	CHR9:17572600	SSF x LoA	-2,367	-0,226	0,258
CHR9	17572710	CHR9:17572710	SSF x LoA	-10,535	-0,018	0,291
CHR9	17572755	CHR9:17572755	SSF x LoA	-6,625	-0,024	0,299
CHR9	17583216	CHR9:17583216	SSF x LoA	-8,292	-0,037	0,288
CHR9	17583256	CHR9:17583256	SSF x LoA	-8,102	0,083	0,291
CHR9	17586901	CHR9:17586901	SSF x LoA	-9,602	-0,065	0,284
CHR9	17587024	CHR9:17587024	SSF x LoA	-10,357	-0,006	0,292
CHR9	17587163	CHR9:17587163	SSF x LoA	-8,142	0,020	0,292
CHR9	17597726	CHR9:17597726	SSF x LoA	-7,546	-0,101	0,279
CHR9	17597808	CHR9:17597808	SSF x LoA	-9,815	0,016	0,302
CHR9	17597911	CHR9:17597911	SSF x LoA	-8,096	-0,047	0,288
CHR9	17601508	CHR9:17601508	SSF x LoA	-3,254	0,093	0,272
CHR9	17609998	CHR9:17609998	SSF x LoA	-9,001	0,006	0,308
CHR9	17610058	CHR9:17610058	SSF x LoA	-10,261	0,017	0,286
CHR9	17610092	CHR9:17610092	SSF x LoA	-7,196	-0,089	0,276
CHR9	17610162	CHR9:17610162	SSF x LoA	-8,334	-0,029	0,291
CHR9	17610183	CHR9:17610183	SSF x LoA	-6,185	-0,133	0,277
CHR9	17615585	CHR9:17615585	SSF x LoA	-5,573	-0,161	0,285
CHR9	17615619	CHR9:17615619	SSF x LoA	-9,279	-0,029	0,288
CHR9	17615780	CHR9:17615780	SSF x LoA	-10,568	0,047	0,291
CHR9	17615907	CHR9:17615907	SSF x LoA	-10,351	-0,024	0,267
CHR9	17652837	CHR9:17652837	SSF x LoA	-10,503	0,061	0,288
CHR9	17652856	CHR9:17652856	SSF x LoA	-8,790	-0,014	0,268
CHR9	17652858	CHR9:17652858	SSF x LoA	-10,424	-0,036	0,305
CHR9	17652926	CHR9:17652926	SSF x LoA	-9,146	0,021	0,297
CHR9	17652960	CHR9:17652960	SSF x LoA	-9,254	-0,105	0,289
CHR9	17652962	CHR9:17652962	SSF x LoA	-7,193	-0,028	0,309
CHR9	17670704	CHR9:17670704	SSF x LoA	-10,755	-0,039	0,292
CHR9	17690885	CHR9:17690885	SSF x LoA	-5,600	0,239	0,278
CHR9	17691006	CHR9:17691006	SSF x LoA	-10,040	0,082	0,293
CHR9	17707160	CHR9:17707160	SSF x LoA	-6,920	0,136	0,280
CHR9	17721325	CHR9:17721325	SSF x LoA	-6,446	0,100	0,294
CHR9	17721675	CHR9:17721675	SSF x LoA	-5,269	0,140	0,270
CHR9	17721676	CHR9:17721676	SSF x LoA	-7,487	0,131	0,273

CHR9	17730880	CHR9:17730880	SSF x LoA	-7,012	-0,125	0,283
CHR9	17730905	CHR9:17730905	SSF x LoA	-7,641	0,161	0,284
CHR9	17730944	CHR9:17730944	SSF x LoA	-8,707	-0,018	0,304
CHR9	17730953	CHR9:17730953	SSF x LoA	-5,032	-0,241	0,268
CHR9	17730977	CHR9:17730977	SSF x LoA	-9,026	-0,083	0,306
CHR9	17752414	CHR9:17752414	SSF x LoA	-6,630	0,152	0,291
CHR9	17752452	CHR9:17752452	SSF x LoA	-10,456	-0,070	0,277
CHR9	17752526	CHR9:17752526	SSF x LoA	-6,656	0,097	0,289
CHR9	17767233	CHR9:17767233	SSF x LoA	-9,337	-0,011	0,281
CHR9	17767331	CHR9:17767331	SSF x LoA	-10,225	-0,021	0,301
CHR9	17767354	CHR9:17767354	SSF x LoA	-7,635	0,058	0,300
CHR9	17794926	CHR9:17794926	SSF x LoA	-6,874	0,071	0,299
CHR9	17794984	CHR9:17794984	SSF x LoA	-7,410	0,127	0,294
CHR9	17794999	CHR9:17794999	SSF x LoA	-8,388	0,097	0,289
CHR9	17795040	CHR9:17795040	SSF x LoA	-10,951	0,000	0,306
CHR9	17795065	CHR9:17795065	SSF x LoA	-9,489	0,011	0,283
CHR9	17795180	CHR9:17795180	SSF x LoA	-10,627	-0,039	0,290
CHR9	17846418	CHR9:17846418	SSF x LoA	-9,083	-0,005	0,299
CHR9	17846467	CHR9:17846467	SSF x LoA	-7,568	0,170	0,275
CHR9	17846469	CHR9:17846469	SSF x LoA	-5,954	0,130	0,288
CHR9	17846548	CHR9:17846548	SSF x LoA	-10,121	-0,041	0,293
CHR9	17846557	CHR9:17846557	SSF x LoA	-10,578	0,094	0,279
CHR9	17846569	CHR9:17846569	SSF x LoA	-11,188	-0,021	0,287
CHR9	17846619	CHR9:17846619	SSF x LoA	-6,446	0,153	0,290
CHR9	17846621	CHR9:17846621	SSF x LoA	-4,876	0,078	0,294
CHR9	17846730	CHR9:17846730	SSF x LoA	-8,480	-0,103	0,282
CHR9	17868290	CHR9:17868290	SSF x LoA	-10,977	0,034	0,294
CHR9	17868372	CHR9:17868372	SSF x LoA	-7,790	-0,178	0,283
CHR9	17868426	CHR9:17868426	SSF x LoA	-6,707	0,129	0,283
CHR9	17868437	CHR9:17868437	SSF x LoA	-2,694	-0,140	0,296
CHR9	17868561	CHR9:17868561	SSF x LoA	-9,479	0,072	0,293
CHR9	17868588	CHR9:17868588	SSF x LoA	-7,847	0,053	0,301
CHR9	17872767	CHR9:17872767	SSF x LoA	-3,629	0,148	0,289
CHR9	17872869	CHR9:17872869	SSF x LoA	-7,947	0,041	0,295
CHR9	17877203	CHR9:17877203	SSF x LoA	-9,483	0,069	0,275
CHR9	17877388	CHR9:17877388	SSF x LoA	-8,185	0,019	0,285
CHR9	17877392	CHR9:17877392	SSF x LoA	-8,928	0,058	0,283
CHR9	17877406	CHR9:17877406	SSF x LoA	-10,915	-0,010	0,295
CHR9	17883327	CHR9:17883327	SSF x LoA	-7,012	-0,143	0,292
CHR9	17883328	CHR9:17883328	SSF x LoA	-3,434	-0,196	0,293
CHR9	17883362	CHR9:17883362	SSF x LoA	-8,958	-0,106	0,290
CHR9	17883404	CHR9:17883404	SSF x LoA	-6,137	-0,166	0,287
CHR9	17883406	CHR9:17883406	SSF x LoA	-4,369	0,257	0,285
CHR9	17883443	CHR9:17883443	SSF x LoA	-10,805	-0,032	0,287
CHR9	17883524	CHR9:17883524	SSF x LoA	-8,127	-0,061	0,307
CHR9	17891408	CHR9:17891408	SSF x LoA	-9,240	-0,014	0,289
CHR9	17891417	CHR9:17891417	SSF x LoA	-9,244	-0,008	0,294
CHR9	17891703	CHR9:17891703	SSF x LoA	-5,788	-0,024	0,294
CHR9	17891712	CHR9:17891712	SSF x LoA	-9,525	0,096	0,295
CHR9	17895072	CHR9:17895072	SSF x LoA	-10,695	-0,071	0,289
CHR9	17895215	CHR9:17895215	SSF x LoA	-11,574	-0,004	0,282
CHR9	17895278	CHR9:17895278	SSF x LoA	-5,628	0,018	0,302
CHR9	17895291	CHR9:17895291	SSF x LoA	-10,825	0,020	0,286

CHR9	17895300	CHR9:17895300	SSF x LoA	-10,654	-0,008	0,289
CHR9	17898037	CHR9:17898037	SSF x LoA	-1,143	-0,087	0,281
CHR9	17898043	CHR9:17898043	SSF x LoA	-9,741	-0,098	0,290
CHR9	17898215	CHR9:17898215	SSF x LoA	-9,423	0,002	0,287
CHR9	17898219	CHR9:17898219	SSF x LoA	-7,841	0,005	0,285
CHR9	17903616	CHR9:17903616	SSF x LoA	-7,178	0,115	0,292
CHR9	17903831	CHR9:17903831	SSF x LoA	-7,892	0,019	0,312
CHR9	17919479	CHR9:17919479	SSF x LoA	-9,228	-0,055	0,283
CHR9	17919554	CHR9:17919554	SSF x LoA	-11,070	-0,096	0,278
CHR9	17919595	CHR9:17919595	SSF x LoA	-9,219	-0,094	0,282
CHR9	17919608	CHR9:17919608	SSF x LoA	-8,921	-0,095	0,275
CHR9	17919642	CHR9:17919642	SSF x LoA	-8,360	-0,003	0,306
CHR9	17953611	CHR9:17953611	SSF x LoA	-5,900	0,022	0,301
CHR9	17954077	CHR9:17954077	SSF x LoA	-10,380	0,103	0,286
CHR9	17954093	CHR9:17954093	SSF x LoA	-7,605	-0,062	0,295
CHR9	17977234	CHR9:17977234	SSF x LoA	-5,727	-0,078	0,308
CHR9	17977424	CHR9:17977424	SSF x LoA	-5,223	-0,037	0,309
CHR9	17977503	CHR9:17977503	SSF x LoA	-9,293	0,102	0,296
CHR9	17991550	CHR9:17991550	SSF x LoA	-9,802	-0,017	0,286
CHR9	17991773	CHR9:17991773	SSF x LoA	-9,859	-0,062	0,285
CHR9	18001694	CHR9:18001694	SSF x LoA	-7,138	-0,099	0,302
CHR9	18001834	CHR9:18001834	SSF x LoA	-6,529	-0,129	0,287
CHR9	18001883	CHR9:18001883	SSF x LoA	-7,655	-0,107	0,284
CHR9	18004915	CHR9:18004915	SSF x LoA	-6,771	0,088	0,270
CHR9	18005092	CHR9:18005092	SSF x LoA	-7,262	0,053	0,263
CHR9	18005105	CHR9:18005105	SSF x LoA	-8,004	-0,092	0,287
CHR9	18005110	CHR9:18005110	SSF x LoA	-9,211	0,044	0,263
CHR9	18005143	CHR9:18005143	SSF x LoA	-8,855	0,040	0,274
CHR9	18005144	CHR9:18005144	SSF x LoA	-8,004	0,057	0,267
CHR9	18065936	CHR9:18065936	SSF x LoA	-7,525	-0,174	0,278
CHR9	18065989	CHR9:18065989	SSF x LoA	-9,635	-0,069	0,289
CHR9	18066114	CHR9:18066114	SSF x LoA	-8,589	-0,064	0,280
CHR9	18069214	CHR9:18069214	SSF x LoA	-4,146	-0,094	0,294
CHR9	18069294	CHR9:18069294	SSF x LoA	-10,602	0,050	0,286
CHR9	18069348	CHR9:18069348	SSF x LoA	3,928	-0,172	0,280
CHR9	18069400	CHR9:18069400	SSF x LoA	-6,617	-0,096	0,297
CHR9	18071321	CHR9:18071321	SSF x LoA	-9,263	0,099	0,277
CHR9	18076161	CHR9:18076161	SSF x LoA	-8,984	0,004	0,281
CHR9	18076202	CHR9:18076202	SSF x LoA	-9,193	0,118	0,265
CHR9	18076328	CHR9:18076328	SSF x LoA	-8,663	-0,005	0,288
CHR9	18076403	CHR9:18076403	SSF x LoA	-3,980	-0,196	0,286
CHR9	18076412	CHR9:18076412	SSF x LoA	-7,490	-0,158	0,272
CHR9	18083998	CHR9:18083998	SSF x LoA	-7,955	-0,043	0,273
CHR9	18084041	CHR9:18084041	SSF x LoA	-7,950	-0,042	0,273
CHR9	18084050	CHR9:18084050	SSF x LoA	-8,681	-0,042	0,285
CHR9	18084097	CHR9:18084097	SSF x LoA	-9,601	-0,067	0,269
CHR9	18084102	CHR9:18084102	SSF x LoA	-10,920	0,056	0,280
CHR9	18084182	CHR9:18084182	SSF x LoA	-8,045	0,029	0,286
CHR9	18084192	CHR9:18084192	SSF x LoA	-8,006	0,048	0,290
CHR9	18098033	CHR9:18098033	SSF x LoA	-7,145	0,090	0,302
CHR9	18098219	CHR9:18098219	SSF x LoA	-7,663	-0,019	0,285
CHR9	18098233	CHR9:18098233	SSF x LoA	-7,401	-0,200	0,286
CHR9	18098304	CHR9:18098304	SSF x LoA	-9,499	0,026	0,300

CHR9	18098378	CHR9:18098378	SSF x LoA	-8,676	0,064	0,299
CHR9	18101827	CHR9:18101827	SSF x LoA	-8,077	0,024	0,293
CHR9	18101872	CHR9:18101872	SSF x LoA	-9,929	-0,063	0,292
CHR9	18101875	CHR9:18101875	SSF x LoA	-6,903	-0,116	0,292
CHR9	18101943	CHR9:18101943	SSF x LoA	-9,188	-0,063	0,299
CHR9	1812491	CHR9:1812491	SSF x LoA	-10,266	0,102	0,279
CHR9	18136336	CHR9:18136336	SSF x LoA	-5,597	-0,169	0,266
CHR9	18136345	CHR9:18136345	SSF x LoA	-9,212	-0,027	0,295
CHR9	18136359	CHR9:18136359	SSF x LoA	-8,482	0,163	0,278
CHR9	18136384	CHR9:18136384	SSF x LoA	-7,981	0,173	0,274
CHR9	18136549	CHR9:18136549	SSF x LoA	-3,882	-0,063	0,300
CHR9	18138142	CHR9:18138142	SSF x LoA	-9,217	0,017	0,301
CHR9	18138231	CHR9:18138231	SSF x LoA	-6,914	-0,076	0,289
CHR9	18138504	CHR9:18138504	SSF x LoA	-9,191	-0,142	0,286
CHR9	18138509	CHR9:18138509	SSF x LoA	-4,173	-0,085	0,290
CHR9	18153898	CHR9:18153898	SSF x LoA	-7,526	-0,063	0,282
CHR9	18154934	CHR9:18154934	SSF x LoA	-10,595	-0,011	0,296
CHR9	18154937	CHR9:18154937	SSF x LoA	-8,307	-0,132	0,278
CHR9	18154942	CHR9:18154942	SSF x LoA	-8,347	-0,141	0,280
CHR9	18154949	CHR9:18154949	SSF x LoA	-6,589	0,030	0,303
CHR9	18155001	CHR9:18155001	SSF x LoA	-9,381	0,066	0,287
CHR9	18155222	CHR9:18155222	SSF x LoA	-8,340	0,045	0,288
CHR9	1816426	CHR9:1816426	SSF x LoA	-5,179	-0,141	0,303
CHR9	18167040	CHR9:18167040	SSF x LoA	-5,876	-0,134	0,258
CHR9	18167100	CHR9:18167100	SSF x LoA	-9,757	-0,011	0,293
CHR9	18167111	CHR9:18167111	SSF x LoA	-8,584	0,014	0,296
CHR9	18167932	CHR9:18167932	SSF x LoA	-5,393	0,182	0,286
CHR9	18172711	CHR9:18172711	SSF x LoA	-7,468	-0,093	0,305
CHR9	18172715	CHR9:18172715	SSF x LoA	-6,716	0,125	0,296
CHR9	18172733	CHR9:18172733	SSF x LoA	-9,002	0,021	0,292
CHR9	18172872	CHR9:18172872	SSF x LoA	-6,846	-0,035	0,299
CHR9	18197238	CHR9:18197238	SSF x LoA	-8,213	-0,068	0,275
CHR9	18197270	CHR9:18197270	SSF x LoA	-6,715	-0,156	0,280
CHR9	18205811	CHR9:18205811	SSF x LoA	-6,898	-0,057	0,272
CHR9	18226938	CHR9:18226938	SSF x LoA	-8,613	-0,101	0,285
CHR9	18227005	CHR9:18227005	SSF x LoA	-6,948	0,144	0,277
CHR9	18227050	CHR9:18227050	SSF x LoA	-10,461	-0,034	0,297
CHR9	18227091	CHR9:18227091	SSF x LoA	-9,616	0,037	0,292
CHR9	18245744	CHR9:18245744	SSF x LoA	-8,293	-0,049	0,295
CHR9	18245768	CHR9:18245768	SSF x LoA	-10,389	0,000	0,287
CHR9	18273543	CHR9:18273543	SSF x LoA	-5,640	-0,130	0,280
CHR9	18273653	CHR9:18273653	SSF x LoA	-8,673	-0,152	0,286
CHR9	18291911	CHR9:18291911	SSF x LoA	-7,489	0,121	0,291
CHR9	18302534	CHR9:18302534	SSF x LoA	-8,191	0,052	0,284
CHR9	18318848	CHR9:18318848	SSF x LoA	-8,002	-0,057	0,306
CHR9	18350994	CHR9:18350994	SSF x LoA	-8,402	-0,046	0,305
CHR9	18350998	CHR9:18350998	SSF x LoA	-9,392	-0,066	0,290
CHR9	18351002	CHR9:18351002	SSF x LoA	-8,146	-0,066	0,298
CHR9	18351006	CHR9:18351006	SSF x LoA	-7,864	-0,113	0,283
CHR9	18351043	CHR9:18351043	SSF x LoA	-8,820	-0,055	0,290
CHR9	18357829	CHR9:18357829	SSF x LoA	-10,881	0,059	0,285
CHR9	1837924	CHR9:1837924	SSF x LoA	-9,860	-0,022	0,300
CHR9	1837929	CHR9:1837929	SSF x LoA	-10,269	-0,113	0,283

CHR9	18383224	CHR9:18383224	SSF x LoA	-8,075	0,128	0,288
CHR9	18383237	CHR9:18383237	SSF x LoA	-8,477	0,035	0,277
CHR9	18393833	CHR9:18393833	SSF x LoA	-7,697	0,055	0,279
CHR9	18393972	CHR9:18393972	SSF x LoA	-7,579	0,110	0,275
CHR9	18393991	CHR9:18393991	SSF x LoA	-7,542	0,104	0,280
CHR9	18401084	CHR9:18401084	SSF x LoA	-2,695	0,183	0,281
CHR9	18401115	CHR9:18401115	SSF x LoA	-4,463	0,119	0,284
CHR9	18401126	CHR9:18401126	SSF x LoA	-6,629	0,185	0,282
CHR9	18410771	CHR9:18410771	SSF x LoA	-9,963	0,048	0,285
CHR9	18410885	CHR9:18410885	SSF x LoA	-9,755	-0,022	0,286
CHR9	18411888	CHR9:18411888	SSF x LoA	-10,220	0,009	0,286
CHR9	18412012	CHR9:18412012	SSF x LoA	-6,678	-0,104	0,289
CHR9	18419756	CHR9:18419756	SSF x LoA	-7,486	-0,047	0,293
CHR9	18419955	CHR9:18419955	SSF x LoA	-9,088	-0,001	0,305
CHR9	18419956	CHR9:18419956	SSF x LoA	-10,131	-0,074	0,290
CHR9	18419958	CHR9:18419958	SSF x LoA	-8,145	0,099	0,287
CHR9	18427441	CHR9:18427441	SSF x LoA	-9,844	0,087	0,292
CHR9	18427443	CHR9:18427443	SSF x LoA	-9,087	0,005	0,295
CHR9	18442043	CHR9:18442043	SSF x LoA	-10,860	0,070	0,288
CHR9	18442111	CHR9:18442111	SSF x LoA	-8,764	0,068	0,290
CHR9	18456080	CHR9:18456080	SSF x LoA	-7,486	0,019	0,288
CHR9	18456095	CHR9:18456095	SSF x LoA	-7,493	-0,077	0,290
CHR9	18456126	CHR9:18456126	SSF x LoA	-10,749	0,037	0,288
CHR9	18456183	CHR9:18456183	SSF x LoA	-8,653	0,025	0,283
CHR9	18456242	CHR9:18456242	SSF x LoA	-9,594	-0,054	0,281
CHR9	18465948	CHR9:18465948	SSF x LoA	-9,068	0,011	0,283
CHR9	18473466	CHR9:18473466	SSF x LoA	-7,257	-0,018	0,297
CHR9	18473691	CHR9:18473691	SSF x LoA	-8,559	0,165	0,294
CHR9	18478668	CHR9:18478668	SSF x LoA	-6,844	0,113	0,294
CHR9	18478672	CHR9:18478672	SSF x LoA	-7,925	0,024	0,291
CHR9	18478705	CHR9:18478705	SSF x LoA	-4,824	0,187	0,305
CHR9	18478724	CHR9:18478724	SSF x LoA	-8,778	0,069	0,287
CHR9	18478828	CHR9:18478828	SSF x LoA	-6,740	-0,114	0,284
CHR9	18478908	CHR9:18478908	SSF x LoA	-9,524	-0,116	0,281
CHR9	18478921	CHR9:18478921	SSF x LoA	-7,377	-0,144	0,283
CHR9	18479031	CHR9:18479031	SSF x LoA	-9,899	0,080	0,292
CHR9	1848105	CHR9:1848105	SSF x LoA	-8,512	0,101	0,296
CHR9	1848160	CHR9:1848160	SSF x LoA	-7,440	-0,013	0,289
CHR9	18487801	CHR9:18487801	SSF x LoA	-11,443	-0,100	0,287
CHR9	18530274	CHR9:18530274	SSF x LoA	-6,343	-0,002	0,271
CHR9	18530417	CHR9:18530417	SSF x LoA	-9,180	-0,012	0,268
CHR9	18530430	CHR9:18530430	SSF x LoA	-9,720	-0,063	0,273
CHR9	18530448	CHR9:18530448	SSF x LoA	-9,377	0,042	0,271
CHR9	1854759	CHR9:1854759	SSF x LoA	-10,076	-0,047	0,293
CHR9	18570237	CHR9:18570237	SSF x LoA	-6,345	0,070	0,298
CHR9	18570248	CHR9:18570248	SSF x LoA	-9,369	0,112	0,287
CHR9	18570259	CHR9:18570259	SSF x LoA	-9,388	0,013	0,283
CHR9	18570281	CHR9:18570281	SSF x LoA	-8,289	-0,016	0,296
CHR9	18570287	CHR9:18570287	SSF x LoA	-7,797	-0,004	0,296
CHR9	18570305	CHR9:18570305	SSF x LoA	-6,096	0,072	0,308
CHR9	18570504	CHR9:18570504	SSF x LoA	-8,575	0,096	0,300
CHR9	18570611	CHR9:18570611	SSF x LoA	-9,758	-0,020	0,301
CHR9	18570688	CHR9:18570688	SSF x LoA	-8,650	-0,077	0,290

CHR9	18578554	CHR9:18578554	SSF x LoA	-2,965	-0,201	0,292
CHR9	18578658	CHR9:18578658	SSF x LoA	-7,306	0,067	0,290
CHR9	18631476	CHR9:18631476	SSF x LoA	-8,942	-0,071	0,284
CHR9	18631762	CHR9:18631762	SSF x LoA	-6,201	0,120	0,298
CHR9	18631777	CHR9:18631777	SSF x LoA	-8,609	-0,111	0,294
CHR9	18631809	CHR9:18631809	SSF x LoA	-9,014	-0,042	0,289
CHR9	18631851	CHR9:18631851	SSF x LoA	-8,301	0,007	0,296
CHR9	18640651	CHR9:18640651	SSF x LoA	-7,530	0,102	0,273
CHR9	18640674	CHR9:18640674	SSF x LoA	-9,542	-0,033	0,286
CHR9	18640686	CHR9:18640686	SSF x LoA	-8,298	-0,035	0,303
CHR9	18640955	CHR9:18640955	SSF x LoA	-8,256	-0,040	0,303
CHR9	18641089	CHR9:18641089	SSF x LoA	-6,368	-0,063	0,307
CHR9	18641137	CHR9:18641137	SSF x LoA	-8,971	0,083	0,289
CHR9	18656412	CHR9:18656412	SSF x LoA	-10,124	-0,060	0,276
CHR9	18656553	CHR9:18656553	SSF x LoA	-8,634	0,084	0,273
CHR9	18656768	CHR9:18656768	SSF x LoA	-9,194	-0,068	0,294
CHR9	18656804	CHR9:18656804	SSF x LoA	-8,062	-0,026	0,286
CHR9	18656818	CHR9:18656818	SSF x LoA	-8,547	-0,078	0,274
CHR9	18656867	CHR9:18656867	SSF x LoA	-11,187	0,016	0,288
CHR9	18661895	CHR9:18661895	SSF x LoA	-8,488	-0,007	0,286
CHR9	18661906	CHR9:18661906	SSF x LoA	-8,276	0,006	0,284
CHR9	18661927	CHR9:18661927	SSF x LoA	-11,774	0,039	0,275
CHR9	18661982	CHR9:18661982	SSF x LoA	-2,652	-0,060	0,291
CHR9	18662041	CHR9:18662041	SSF x LoA	-7,402	-0,079	0,291
CHR9	18682414	CHR9:18682414	SSF x LoA	-8,982	0,045	0,271
CHR9	18682448	CHR9:18682448	SSF x LoA	-8,572	0,016	0,285
CHR9	18682484	CHR9:18682484	SSF x LoA	-8,952	0,028	0,280
CHR9	18682490	CHR9:18682490	SSF x LoA	-8,331	0,084	0,293
CHR9	18682598	CHR9:18682598	SSF x LoA	-8,474	0,049	0,314
CHR9	18682695	CHR9:18682695	SSF x LoA	-7,713	0,071	0,299
CHR9	18692524	CHR9:18692524	SSF x LoA	-7,446	0,104	0,283
CHR9	1871200	CHR9:1871200	SSF x LoA	-9,418	0,101	0,278
CHR9	1872585	CHR9:1872585	SSF x LoA	-8,235	-0,002	0,290
CHR9	18738375	CHR9:18738375	SSF x LoA	-8,339	0,060	0,283
CHR9	18784801	CHR9:18784801	SSF x LoA	-7,725	-0,024	0,305
CHR9	18789029	CHR9:18789029	SSF x LoA	-7,331	0,006	0,290
CHR9	18789129	CHR9:18789129	SSF x LoA	-9,036	-0,006	0,294
CHR9	18789131	CHR9:18789131	SSF x LoA	-9,192	0,018	0,305
CHR9	18789133	CHR9:18789133	SSF x LoA	-5,637	0,063	0,299
CHR9	18789262	CHR9:18789262	SSF x LoA	-8,687	-0,032	0,299
CHR9	18798822	CHR9:18798822	SSF x LoA	-7,618	0,050	0,265
CHR9	18807930	CHR9:18807930	SSF x LoA	-8,729	0,074	0,293
CHR9	1881376	CHR9:1881376	SSF x LoA	-8,330	0,087	0,291
CHR9	1881448	CHR9:1881448	SSF x LoA	-9,085	-0,008	0,286
CHR9	1881450	CHR9:1881450	SSF x LoA	-4,435	-0,149	0,295
CHR9	1883750	CHR9:1883750	SSF x LoA	-8,329	0,078	0,280
CHR9	1883752	CHR9:1883752	SSF x LoA	-7,062	0,171	0,282
CHR9	1883777	CHR9:1883777	SSF x LoA	-8,330	0,026	0,284
CHR9	18841224	CHR9:18841224	SSF x LoA	-7,839	0,126	0,282
CHR9	18853486	CHR9:18853486	SSF x LoA	-0,278	0,166	0,287
CHR9	1885974	CHR9:1885974	SSF x LoA	-8,251	0,067	0,287
CHR9	1886186	CHR9:1886186	SSF x LoA	-1,122	-0,216	0,267
CHR9	1886278	CHR9:1886278	SSF x LoA	-9,552	-0,033	0,280

CHR9	18882934	CHR9:18882934	SSF x LoA	-4,679	-0,261	0,264
CHR9	18882975	CHR9:18882975	SSF x LoA	-2,336	-0,225	0,283
CHR9	18893336	CHR9:18893336	SSF x LoA	-10,023	-0,047	0,282
CHR9	1891168	CHR9:1891168	SSF x LoA	-8,985	-0,074	0,294
CHR9	1891174	CHR9:1891174	SSF x LoA	-7,187	0,011	0,287
CHR9	1891250	CHR9:1891250	SSF x LoA	-7,620	-0,082	0,289
CHR9	18926934	CHR9:18926934	SSF x LoA	-6,278	-0,165	0,269
CHR9	18926959	CHR9:18926959	SSF x LoA	21,844	-0,175	0,276
CHR9	18965182	CHR9:18965182	SSF x LoA	-10,331	0,107	0,283
CHR9	1897189	CHR9:1897189	SSF x LoA	-7,464	0,015	0,294
CHR9	1897449	CHR9:1897449	SSF x LoA	-7,595	-0,004	0,290
CHR9	1897537	CHR9:1897537	SSF x LoA	-11,333	-0,050	0,289
CHR9	18976283	CHR9:18976283	SSF x LoA	-7,094	0,073	0,292
CHR9	18976362	CHR9:18976362	SSF x LoA	-8,231	0,023	0,282
CHR9	1897642	CHR9:1897642	SSF x LoA	-8,158	-0,191	0,277
CHR9	18978340	CHR9:18978340	SSF x LoA	-9,305	-0,019	0,301
CHR9	18985018	CHR9:18985018	SSF x LoA	-4,974	-0,061	0,301
CHR9	18985094	CHR9:18985094	SSF x LoA	-10,604	-0,042	0,281
CHR9	19022831	CHR9:19022831	SSF x LoA	-5,970	0,121	0,300
CHR9	19030714	CHR9:19030714	SSF x LoA	-10,343	0,029	0,301
CHR9	19030781	CHR9:19030781	SSF x LoA	-9,670	0,032	0,307
CHR9	19030784	CHR9:19030784	SSF x LoA	-10,313	-0,006	0,297
CHR9	19031086	CHR9:19031086	SSF x LoA	-11,033	0,043	0,299
CHR9	19062241	CHR9:19062241	SSF x LoA	-9,904	0,017	0,302
CHR9	19067526	CHR9:19067526	SSF x LoA	-8,494	0,007	0,298
CHR9	19067593	CHR9:19067593	SSF x LoA	-9,621	0,055	0,281
CHR9	19067995	CHR9:19067995	SSF x LoA	-11,465	0,048	0,281
CHR9	19074268	CHR9:19074268	SSF x LoA	-9,196	-0,053	0,292
CHR9	19150957	CHR9:19150957	SSF x LoA	-10,955	0,016	0,285
CHR9	19151058	CHR9:19151058	SSF x LoA	-8,628	0,073	0,297
CHR9	19153647	CHR9:19153647	SSF x LoA	-9,970	0,003	0,283
CHR9	19179660	CHR9:19179660	SSF x LoA	-7,801	-0,024	0,298
CHR9	1924634	CHR9:1924634	SSF x LoA	-5,038	0,154	0,284
CHR9	1930156	CHR9:1930156	SSF x LoA	-8,972	-0,047	0,285
CHR9	1934703	CHR9:1934703	SSF x LoA	-8,256	0,050	0,289
CHR9	1935724	CHR9:1935724	SSF x LoA	-7,017	-0,011	0,302
CHR9	1936580	CHR9:1936580	SSF x LoA	-6,595	-0,123	0,281
CHR9	1936583	CHR9:1936583	SSF x LoA	-10,703	-0,048	0,281
CHR9	1951913	CHR9:1951913	SSF x LoA	-8,221	0,049	0,285
CHR9	1951934	CHR9:1951934	SSF x LoA	-8,442	0,042	0,294
CHR9	1951972	CHR9:1951972	SSF x LoA	-8,195	-0,090	0,292
CHR9	1951989	CHR9:1951989	SSF x LoA	-7,697	0,067	0,285
CHR9	1952007	CHR9:1952007	SSF x LoA	-7,595	-0,091	0,287
CHR9	1971221	CHR9:1971221	SSF x LoA	-10,163	-0,043	0,307
CHR9	1975077	CHR9:1975077	SSF x LoA	-8,954	-0,020	0,288
CHR9	1975325	CHR9:1975325	SSF x LoA	-11,139	0,009	0,298
CHR9	1976693	CHR9:1976693	SSF x LoA	-8,157	-0,003	0,317
CHR9	1976742	CHR9:1976742	SSF x LoA	-9,633	0,116	0,295
CHR9	1985773	CHR9:1985773	SSF x LoA	-8,391	0,010	0,292
CHR9	1985797	CHR9:1985797	SSF x LoA	2,039	0,027	0,275
CHR9	1985815	CHR9:1985815	SSF x LoA	-4,190	-0,237	0,272
CHR9	1985841	CHR9:1985841	SSF x LoA	-3,931	0,240	0,265
CHR9	1985849	CHR9:1985849	SSF x LoA	2,690	-0,030	0,285

CHR9	1985902	CHR9:1985902	SSF x LoA	-10,231	-0,090	0,283
CHR9	1985907	CHR9:1985907	SSF x LoA	-6,007	-0,166	0,298
CHR9	1985908	CHR9:1985908	SSF x LoA	-9,627	-0,099	0,284
CHR9	1985909	CHR9:1985909	SSF x LoA	-9,156	-0,051	0,278
CHR9	1985925	CHR9:1985925	SSF x LoA	-9,794	-0,068	0,270
CHR9	1985999	CHR9:1985999	SSF x LoA	-8,009	0,077	0,294
CHR9	1986041	CHR9:1986041	SSF x LoA	-9,706	0,032	0,301
CHR9	2005234	CHR9:2005234	SSF x LoA	-10,664	-0,054	0,285
CHR9	2005370	CHR9:2005370	SSF x LoA	-6,539	0,140	0,290
CHR9	2012311	CHR9:2012311	SSF x LoA	-11,299	-0,048	0,285
CHR9	2012382	CHR9:2012382	SSF x LoA	-9,755	-0,048	0,297
CHR9	2012474	CHR9:2012474	SSF x LoA	-7,940	-0,060	0,299
CHR9	2024302	CHR9:2024302	SSF x LoA	-8,477	-0,045	0,288
CHR9	2024305	CHR9:2024305	SSF x LoA	-8,478	-0,067	0,287
CHR9	2024464	CHR9:2024464	SSF x LoA	-9,747	0,036	0,275
CHR9	2026279	CHR9:2026279	SSF x LoA	-9,124	0,000	0,271
CHR9	2026452	CHR9:2026452	SSF x LoA	-9,674	0,071	0,298
CHR9	2026609	CHR9:2026609	SSF x LoA	-9,306	0,024	0,281
CHR9	2030701	CHR9:2030701	SSF x LoA	-3,677	-0,237	0,282
CHR9	2046785	CHR9:2046785	SSF x LoA	-10,704	-0,037	0,295
CHR9	2047180	CHR9:2047180	SSF x LoA	-8,828	0,044	0,283
CHR9	2052231	CHR9:2052231	SSF x LoA	-9,901	0,009	0,285
CHR9	2052241	CHR9:2052241	SSF x LoA	-6,959	0,198	0,282
CHR9	2060449	CHR9:2060449	SSF x LoA	-7,484	0,155	0,281
CHR9	2060570	CHR9:2060570	SSF x LoA	-7,532	-0,174	0,267
CHR9	2061884	CHR9:2061884	SSF x LoA	-10,100	-0,068	0,291
CHR9	2061921	CHR9:2061921	SSF x LoA	-8,874	-0,101	0,293
CHR9	2061982	CHR9:2061982	SSF x LoA	-8,289	0,021	0,282
CHR9	2064176	CHR9:2064176	SSF x LoA	-8,599	0,010	0,296
CHR9	2064310	CHR9:2064310	SSF x LoA	-11,377	-0,060	0,297
CHR9	2066952	CHR9:2066952	SSF x LoA	-4,108	-0,165	0,279
CHR9	2067124	CHR9:2067124	SSF x LoA	-9,128	0,031	0,279
CHR9	2067144	CHR9:2067144	SSF x LoA	-7,265	0,049	0,284
CHR9	2067932	CHR9:2067932	SSF x LoA	-9,935	0,080	0,295
CHR9	2068057	CHR9:2068057	SSF x LoA	-9,306	0,107	0,264
CHR9	2068091	CHR9:2068091	SSF x LoA	-8,020	0,034	0,280
CHR9	2070672	CHR9:2070672	SSF x LoA	-9,808	0,029	0,308
CHR9	2070717	CHR9:2070717	SSF x LoA	-11,350	-0,047	0,285
CHR9	2073542	CHR9:2073542	SSF x LoA	-9,841	-0,074	0,291
CHR9	2073584	CHR9:2073584	SSF x LoA	-8,347	-0,070	0,283
CHR9	2073595	CHR9:2073595	SSF x LoA	-8,675	0,011	0,287
CHR9	2073909	CHR9:2073909	SSF x LoA	-8,585	0,028	0,290
CHR9	2073935	CHR9:2073935	SSF x LoA	-8,605	-0,021	0,307
CHR9	2074004	CHR9:2074004	SSF x LoA	-7,451	0,158	0,297
CHR9	2074005	CHR9:2074005	SSF x LoA	-11,283	-0,038	0,305
CHR9	2074023	CHR9:2074023	SSF x LoA	-10,465	-0,016	0,295
CHR9	2075356	CHR9:2075356	SSF x LoA	-8,968	-0,031	0,300
CHR9	2078053	CHR9:2078053	SSF x LoA	-7,220	-0,153	0,281
CHR9	2078152	CHR9:2078152	SSF x LoA	-5,674	-0,012	0,271
CHR9	2078157	CHR9:2078157	SSF x LoA	-8,734	-0,026	0,280
CHR9	2079141	CHR9:2079141	SSF x LoA	-9,330	-0,083	0,281
CHR9	2088679	CHR9:2088679	SSF x LoA	-10,147	0,016	0,298
CHR9	2088748	CHR9:2088748	SSF x LoA	-9,789	-0,033	0,280

CHR9	2088763	CHR9:2088763	SSF x LoA	-8,758	0,006	0,278
CHR9	2088847	CHR9:2088847	SSF x LoA	-10,629	0,079	0,281
CHR9	2098263	CHR9:2098263	SSF x LoA	-10,982	0,073	0,293
CHR9	2098338	CHR9:2098338	SSF x LoA	-10,811	0,034	0,285
CHR9	2098385	CHR9:2098385	SSF x LoA	-9,996	-0,094	0,286
CHR9	2112984	CHR9:2112984	SSF x LoA	-9,571	-0,064	0,297
CHR9	2113250	CHR9:2113250	SSF x LoA	-1,973	-0,253	0,283
CHR9	2113251	CHR9:2113251	SSF x LoA	-4,201	-0,222	0,269
CHR9	2113254	CHR9:2113254	SSF x LoA	-3,271	-0,219	0,267
CHR9	2113382	CHR9:2113382	SSF x LoA	-7,806	0,141	0,290
CHR9	2122405	CHR9:2122405	SSF x LoA	-9,975	-0,089	0,282
CHR9	2141626	CHR9:2141626	SSF x LoA	-7,651	0,012	0,285
CHR9	2151067	CHR9:2151067	SSF x LoA	-11,419	-0,067	0,273
CHR9	2151071	CHR9:2151071	SSF x LoA	-3,951	-0,202	0,279
CHR9	2154185	CHR9:2154185	SSF x LoA	-9,063	-0,023	0,295
CHR9	2165013	CHR9:2165013	SSF x LoA	-7,324	0,118	0,294
CHR9	2165014	CHR9:2165014	SSF x LoA	-8,064	0,111	0,286
CHR9	2165442	CHR9:2165442	SSF x LoA	-8,325	-0,011	0,272
CHR9	2165459	CHR9:2165459	SSF x LoA	-8,670	0,097	0,283
CHR9	2165473	CHR9:2165473	SSF x LoA	-7,023	0,075	0,288
CHR9	2167397	CHR9:2167397	SSF x LoA	-7,317	0,044	0,289
CHR9	2167521	CHR9:2167521	SSF x LoA	-6,775	0,035	0,290
CHR9	2169798	CHR9:2169798	SSF x LoA	-6,144	0,180	0,280
CHR9	2169816	CHR9:2169816	SSF x LoA	-9,420	0,072	0,292
CHR9	2170071	CHR9:2170071	SSF x LoA	-8,601	-0,143	0,283
CHR9	2173208	CHR9:2173208	SSF x LoA	-6,065	0,055	0,291
CHR9	2176968	CHR9:2176968	SSF x LoA	-4,184	0,240	0,285
CHR9	2176982	CHR9:2176982	SSF x LoA	-11,613	-0,005	0,292
CHR9	2177072	CHR9:2177072	SSF x LoA	-9,337	-0,123	0,277
CHR9	2183980	CHR9:2183980	SSF x LoA	-8,876	-0,011	0,305
CHR9	2186346	CHR9:2186346	SSF x LoA	-10,485	-0,020	0,297
CHR9	2186360	CHR9:2186360	SSF x LoA	-6,899	0,144	0,284
CHR9	2186659	CHR9:2186659	SSF x LoA	-10,271	0,026	0,290
CHR9	2204932	CHR9:2204932	SSF x LoA	-5,888	-0,155	0,277
CHR9	2237190	CHR9:2237190	SSF x LoA	1,231	0,123	0,299
CHR9	2237281	CHR9:2237281	SSF x LoA	-8,912	-0,029	0,279
CHR9	2237298	CHR9:2237298	SSF x LoA	-8,666	-0,045	0,294
CHR9	2237343	CHR9:2237343	SSF x LoA	-4,740	-0,048	0,287
CHR9	2237406	CHR9:2237406	SSF x LoA	-7,735	0,103	0,298
CHR9	2243818	CHR9:2243818	SSF x LoA	-9,428	0,008	0,281
CHR9	2243871	CHR9:2243871	SSF x LoA	-6,803	-0,070	0,288
CHR9	2243901	CHR9:2243901	SSF x LoA	-5,734	-0,119	0,291
CHR9	2243909	CHR9:2243909	SSF x LoA	-9,485	-0,064	0,296
CHR9	2243943	CHR9:2243943	SSF x LoA	-8,366	0,095	0,296
CHR9	2244080	CHR9:2244080	SSF x LoA	-8,193	-0,071	0,299
CHR9	2256267	CHR9:2256267	SSF x LoA	-10,015	-0,084	0,288
CHR9	2256592	CHR9:2256592	SSF x LoA	-8,893	-0,073	0,288
CHR9	2256622	CHR9:2256622	SSF x LoA	-9,225	0,061	0,292
CHR9	2279686	CHR9:2279686	SSF x LoA	-9,720	-0,106	0,289
CHR9	2279710	CHR9:2279710	SSF x LoA	-7,066	0,111	0,295
CHR9	2279717	CHR9:2279717	SSF x LoA	-7,614	0,105	0,286
CHR9	2285551	CHR9:2285551	SSF x LoA	-8,028	0,082	0,305
CHR9	2285561	CHR9:2285561	SSF x LoA	-3,230	0,080	0,294

CHR9	2285575	CHR9:2285575	SSF x LoA	-10,957	-0,064	0,293
CHR9	2285589	CHR9:2285589	SSF x LoA	-4,963	0,165	0,284
CHR9	2294024	CHR9:2294024	SSF x LoA	-8,678	0,018	0,293
CHR9	2298679	CHR9:2298679	SSF x LoA	-9,565	-0,100	0,283
CHR9	236268	CHR9:236268	SSF x LoA	-8,002	0,095	0,284
CHR9	236349	CHR9:236349	SSF x LoA	-3,759	0,130	0,293
CHR9	2379834	CHR9:2379834	SSF x LoA	-8,299	0,012	0,285
CHR9	2379858	CHR9:2379858	SSF x LoA	-7,425	-0,087	0,299
CHR9	2379915	CHR9:2379915	SSF x LoA	-10,517	0,063	0,276
CHR9	2385961	CHR9:2385961	SSF x LoA	-7,869	0,114	0,297
CHR9	2385990	CHR9:2385990	SSF x LoA	-10,078	0,073	0,283
CHR9	2386002	CHR9:2386002	SSF x LoA	-6,824	-0,122	0,301
CHR9	2386007	CHR9:2386007	SSF x LoA	-7,966	0,046	0,287
CHR9	2386021	CHR9:2386021	SSF x LoA	-8,422	-0,143	0,286
CHR9	2386158	CHR9:2386158	SSF x LoA	-9,458	0,092	0,284
CHR9	2390089	CHR9:2390089	SSF x LoA	-5,300	0,158	0,283
CHR9	2390141	CHR9:2390141	SSF x LoA	-8,919	0,003	0,304
CHR9	2390349	CHR9:2390349	SSF x LoA	-8,808	-0,065	0,287
CHR9	2391520	CHR9:2391520	SSF x LoA	-7,045	-0,075	0,295
CHR9	2392532	CHR9:2392532	SSF x LoA	-9,363	-0,037	0,289
CHR9	2392776	CHR9:2392776	SSF x LoA	-6,804	0,115	0,281
CHR9	2413698	CHR9:2413698	SSF x LoA	-9,397	0,101	0,289
CHR9	2413721	CHR9:2413721	SSF x LoA	-7,709	-0,025	0,290
CHR9	2413738	CHR9:2413738	SSF x LoA	-9,370	0,002	0,297
CHR9	2413744	CHR9:2413744	SSF x LoA	-7,570	-0,073	0,299
CHR9	2429321	CHR9:2429321	SSF x LoA	-10,951	-0,014	0,295
CHR9	2431339	CHR9:2431339	SSF x LoA	-8,694	-0,012	0,288
CHR9	243654	CHR9:243654	SSF x LoA	-7,870	0,097	0,296
CHR9	243799	CHR9:243799	SSF x LoA	-9,634	-0,067	0,293
CHR9	243883	CHR9:243883	SSF x LoA	-8,659	-0,002	0,289
CHR9	245506	CHR9:245506	SSF x LoA	-9,163	-0,026	0,288
CHR9	245513	CHR9:245513	SSF x LoA	-8,179	-0,072	0,267
CHR9	245601	CHR9:245601	SSF x LoA	-4,997	-0,023	0,288
CHR9	2510105	CHR9:2510105	SSF x LoA	-7,656	-0,025	0,286
CHR9	2510144	CHR9:2510144	SSF x LoA	-7,801	-0,064	0,304
CHR9	2510171	CHR9:2510171	SSF x LoA	-9,726	-0,044	0,296
CHR9	2510373	CHR9:2510373	SSF x LoA	-10,120	0,011	0,307
CHR9	2510398	CHR9:2510398	SSF x LoA	-5,167	-0,065	0,279
CHR9	2510413	CHR9:2510413	SSF x LoA	-10,354	0,056	0,286
CHR9	2510414	CHR9:2510414	SSF x LoA	-8,167	0,038	0,283
CHR9	2510420	CHR9:2510420	SSF x LoA	-7,168	-0,107	0,278
CHR9	2545279	CHR9:2545279	SSF x LoA	-7,671	-0,086	0,293
CHR9	2545292	CHR9:2545292	SSF x LoA	-8,048	0,010	0,299
CHR9	2552434	CHR9:2552434	SSF x LoA	-9,436	-0,124	0,295
CHR9	2552437	CHR9:2552437	SSF x LoA	-9,779	0,008	0,309
CHR9	2567870	CHR9:2567870	SSF x LoA	-8,824	-0,030	0,288
CHR9	277392	CHR9:277392	SSF x LoA	-8,354	0,064	0,281
CHR9	277498	CHR9:277498	SSF x LoA	-9,113	0,010	0,289
CHR9	277515	CHR9:277515	SSF x LoA	-10,078	0,014	0,292
CHR9	277523	CHR9:277523	SSF x LoA	-9,646	-0,018	0,287
CHR9	280523	CHR9:280523	SSF x LoA	-6,242	-0,005	0,292
CHR9	280534	CHR9:280534	SSF x LoA	-6,828	-0,067	0,300
CHR9	307841	CHR9:307841	SSF x LoA	-5,735	0,090	0,294

CHR9	307857	CHR9:307857	SSF x LoA	-4,370	0,119	0,290
CHR9	322387	CHR9:322387	SSF x LoA	-6,506	0,035	0,297
CHR9	322421	CHR9:322421	SSF x LoA	-7,721	-0,050	0,299
CHR9	322447	CHR9:322447	SSF x LoA	-5,415	-0,081	0,306
CHR9	322493	CHR9:322493	SSF x LoA	-7,277	-0,133	0,293
CHR9	322517	CHR9:322517	SSF x LoA	-9,770	-0,023	0,298
CHR9	335571	CHR9:335571	SSF x LoA	-6,834	-0,037	0,274
CHR9	335637	CHR9:335637	SSF x LoA	-9,616	-0,104	0,287
CHR9	335921	CHR9:335921	SSF x LoA	-8,882	0,025	0,283
CHR9	339192	CHR9:339192	SSF x LoA	-8,447	-0,111	0,289
CHR9	339233	CHR9:339233	SSF x LoA	-11,450	0,030	0,284
CHR9	341270	CHR9:341270	SSF x LoA	-8,574	-0,016	0,289
CHR9	341342	CHR9:341342	SSF x LoA	-8,407	0,084	0,280
CHR9	361938	CHR9:361938	SSF x LoA	-8,968	0,007	0,282
CHR9	385992	CHR9:385992	SSF x LoA	-8,586	-0,150	0,288
CHR9	398349	CHR9:398349	SSF x LoA	-9,628	-0,117	0,293
CHR9	398592	CHR9:398592	SSF x LoA	-8,567	0,025	0,294
CHR9	480659	CHR9:480659	SSF x LoA	-10,546	-0,026	0,299
CHR9	480830	CHR9:480830	SSF x LoA	-9,385	0,035	0,295
CHR9	480842	CHR9:480842	SSF x LoA	-9,400	-0,104	0,291
CHR9	480845	CHR9:480845	SSF x LoA	-10,825	0,033	0,301
CHR9	498878	CHR9:498878	SSF x LoA	-7,684	0,015	0,298
CHR9	498879	CHR9:498879	SSF x LoA	-10,291	0,004	0,277
CHR9	498884	CHR9:498884	SSF x LoA	-9,211	0,003	0,296
CHR9	498901	CHR9:498901	SSF x LoA	-10,286	-0,093	0,279
CHR9	507011	CHR9:507011	SSF x LoA	-10,518	0,118	0,287
CHR9	507152	CHR9:507152	SSF x LoA	-7,614	0,069	0,299
CHR9	507317	CHR9:507317	SSF x LoA	-8,724	0,023	0,299
CHR9	507369	CHR9:507369	SSF x LoA	-8,463	0,154	0,299
CHR9	510558	CHR9:510558	SSF x LoA	-8,805	-0,119	0,283
CHR9	510756	CHR9:510756	SSF x LoA	-10,221	-0,095	0,286
CHR9	510945	CHR9:510945	SSF x LoA	-10,574	-0,064	0,285
CHR9	536856	CHR9:536856	SSF x LoA	-9,231	-0,063	0,291
CHR9	546302	CHR9:546302	SSF x LoA	-3,686	0,232	0,276
CHR9	55720	CHR9:55720	SSF x LoA	-9,990	-0,045	0,284
CHR9	559482	CHR9:559482	SSF x LoA	-8,202	-0,080	0,277
CHR9	559559	CHR9:559559	SSF x LoA	-3,998	0,139	0,291
CHR9	559644	CHR9:559644	SSF x LoA	-7,130	0,051	0,286
CHR9	564233	CHR9:564233	SSF x LoA	-8,152	-0,077	0,294
CHR9	564373	CHR9:564373	SSF x LoA	-7,657	-0,090	0,270
CHR9	566220	CHR9:566220	SSF x LoA	-11,342	-0,036	0,293
CHR9	566290	CHR9:566290	SSF x LoA	-9,819	-0,032	0,296
CHR9	606175	CHR9:606175	SSF x LoA	-2,632	0,108	0,304
CHR9	613703	CHR9:613703	SSF x LoA	-7,258	0,012	0,270
CHR9	613920	CHR9:613920	SSF x LoA	-7,191	-0,100	0,288
CHR9	613925	CHR9:613925	SSF x LoA	-7,433	-0,074	0,292
CHR9	6184020	CHR9:6184020	SSF x LoA	-10,435	-0,017	0,281
CHR9	620290	CHR9:620290	SSF x LoA	-9,534	-0,039	0,291
CHR9	620429	CHR9:620429	SSF x LoA	-7,395	-0,151	0,283
CHR9	620549	CHR9:620549	SSF x LoA	-5,888	0,044	0,288
CHR9	6207648	CHR9:6207648	SSF x LoA	-7,030	-0,062	0,268
CHR9	627079	CHR9:627079	SSF x LoA	-7,605	0,081	0,293
CHR9	6270940	CHR9:6270940	SSF x LoA	-8,331	-0,034	0,301

CHR9	627147	CHR9:627147	SSF x LoA	-10,567	-0,003	0,287
CHR9	627156	CHR9:627156	SSF x LoA	-8,444	0,081	0,292
CHR9	627167	CHR9:627167	SSF x LoA	-5,983	-0,178	0,282
CHR9	627186	CHR9:627186	SSF x LoA	-6,579	-0,169	0,299
CHR9	627206	CHR9:627206	SSF x LoA	-3,624	-0,216	0,283
CHR9	627265	CHR9:627265	SSF x LoA	-8,545	0,027	0,291
CHR9	6280900	CHR9:6280900	SSF x LoA	-6,040	0,116	0,297
CHR9	6280966	CHR9:6280966	SSF x LoA	-7,107	-0,028	0,294
CHR9	6281103	CHR9:6281103	SSF x LoA	-7,497	0,109	0,287
CHR9	6295138	CHR9:6295138	SSF x LoA	-9,644	-0,160	0,284
CHR9	6310591	CHR9:6310591	SSF x LoA	-10,715	0,078	0,290
CHR9	6318985	CHR9:6318985	SSF x LoA	-8,454	-0,093	0,286
CHR9	6319030	CHR9:6319030	SSF x LoA	-6,808	-0,111	0,255
CHR9	6325492	CHR9:6325492	SSF x LoA	-8,630	0,018	0,301
CHR9	6325641	CHR9:6325641	SSF x LoA	-10,108	0,024	0,283
CHR9	6355447	CHR9:6355447	SSF x LoA	-8,576	0,039	0,296
CHR9	6355462	CHR9:6355462	SSF x LoA	-10,642	-0,055	0,283
CHR9	6355480	CHR9:6355480	SSF x LoA	-8,302	-0,076	0,299
CHR9	6355517	CHR9:6355517	SSF x LoA	-7,082	-0,005	0,318
CHR9	6355541	CHR9:6355541	SSF x LoA	-7,205	-0,008	0,312
CHR9	6362206	CHR9:6362206	SSF x LoA	-8,113	0,006	0,284
CHR9	6362261	CHR9:6362261	SSF x LoA	-4,167	0,119	0,283
CHR9	6367433	CHR9:6367433	SSF x LoA	-1,085	0,178	0,283
CHR9	6373433	CHR9:6373433	SSF x LoA	-9,233	-0,093	0,264
CHR9	6373459	CHR9:6373459	SSF x LoA	-6,444	-0,091	0,285
CHR9	6392796	CHR9:6392796	SSF x LoA	-7,787	0,078	0,293
CHR9	6392854	CHR9:6392854	SSF x LoA	-7,630	-0,079	0,283
CHR9	6392875	CHR9:6392875	SSF x LoA	-9,679	-0,027	0,291
CHR9	6393402	CHR9:6393402	SSF x LoA	-11,517	0,016	0,289
CHR9	6404217	CHR9:6404217	SSF x LoA	-7,768	0,049	0,285
CHR9	6404315	CHR9:6404315	SSF x LoA	-7,906	0,095	0,267
CHR9	6420039	CHR9:6420039	SSF x LoA	-9,872	-0,104	0,280
CHR9	6420267	CHR9:6420267	SSF x LoA	-7,922	-0,124	0,288
CHR9	6427400	CHR9:6427400	SSF x LoA	-8,860	0,170	0,289
CHR9	6427493	CHR9:6427493	SSF x LoA	-8,088	0,006	0,281
CHR9	6427584	CHR9:6427584	SSF x LoA	-7,746	-0,007	0,283
CHR9	6427598	CHR9:6427598	SSF x LoA	-7,674	0,000	0,298
CHR9	6436819	CHR9:6436819	SSF x LoA	-9,806	0,031	0,268
CHR9	6464506	CHR9:6464506	SSF x LoA	-9,826	-0,001	0,265
CHR9	6464542	CHR9:6464542	SSF x LoA	-9,779	0,101	0,295
CHR9	6469909	CHR9:6469909	SSF x LoA	-8,240	-0,081	0,278
CHR9	6470060	CHR9:6470060	SSF x LoA	-4,722	-0,114	0,284
CHR9	6486425	CHR9:6486425	SSF x LoA	-4,165	-0,099	0,293
CHR9	6486444	CHR9:6486444	SSF x LoA	-7,899	-0,047	0,293
CHR9	6486457	CHR9:6486457	SSF x LoA	-2,398	-0,095	0,295
CHR9	6486465	CHR9:6486465	SSF x LoA	-9,078	-0,107	0,298
CHR9	6495002	CHR9:6495002	SSF x LoA	-8,136	-0,099	0,287
CHR9	6495009	CHR9:6495009	SSF x LoA	-8,590	0,085	0,286
CHR9	6500965	CHR9:6500965	SSF x LoA	-9,487	-0,094	0,297
CHR9	6506131	CHR9:6506131	SSF x LoA	-11,282	0,059	0,289
CHR9	6512674	CHR9:6512674	SSF x LoA	-9,488	-0,097	0,283
CHR9	6533003	CHR9:6533003	SSF x LoA	-10,361	0,031	0,293
CHR9	6533074	CHR9:6533074	SSF x LoA	-8,570	0,075	0,287

CHR9	6536067	CHR9:6536067	SSF x LoA	-10,082	0,020	0,279
CHR9	6536197	CHR9:6536197	SSF x LoA	-6,505	0,146	0,264
CHR9	6538146	CHR9:6538146	SSF x LoA	-12,094	-0,015	0,290
CHR9	6541854	CHR9:6541854	SSF x LoA	-9,251	0,026	0,285
CHR9	6541950	CHR9:6541950	SSF x LoA	-9,222	-0,061	0,289
CHR9	6555211	CHR9:6555211	SSF x LoA	-7,157	0,119	0,284
CHR9	6555428	CHR9:6555428	SSF x LoA	-10,016	0,077	0,281
CHR9	6583217	CHR9:6583217	SSF x LoA	-10,306	-0,064	0,281
CHR9	6583279	CHR9:6583279	SSF x LoA	-8,491	0,004	0,302
CHR9	6583400	CHR9:6583400	SSF x LoA	-9,435	-0,002	0,294
CHR9	6587755	CHR9:6587755	SSF x LoA	-10,085	-0,110	0,273
CHR9	6587824	CHR9:6587824	SSF x LoA	-7,912	-0,105	0,279
CHR9	6587939	CHR9:6587939	SSF x LoA	-6,110	-0,083	0,291
CHR9	6587954	CHR9:6587954	SSF x LoA	-9,085	0,051	0,293
CHR9	6622753	CHR9:6622753	SSF x LoA	-9,639	0,083	0,277
CHR9	6626887	CHR9:6626887	SSF x LoA	-9,271	-0,124	0,290
CHR9	6626910	CHR9:6626910	SSF x LoA	-9,298	0,040	0,295
CHR9	6640958	CHR9:6640958	SSF x LoA	-3,884	-0,119	0,293
CHR9	6640959	CHR9:6640959	SSF x LoA	-7,942	0,157	0,268
CHR9	6640990	CHR9:6640990	SSF x LoA	-9,506	0,151	0,274
CHR9	6640998	CHR9:6640998	SSF x LoA	-8,265	0,035	0,293
CHR9	6641126	CHR9:6641126	SSF x LoA	-8,023	-0,034	0,292
CHR9	6653420	CHR9:6653420	SSF x LoA	-8,708	-0,020	0,303
CHR9	6655537	CHR9:6655537	SSF x LoA	-7,469	-0,009	0,299
CHR9	6655548	CHR9:6655548	SSF x LoA	-10,673	0,007	0,287
CHR9	6655579	CHR9:6655579	SSF x LoA	2,342	-0,033	0,290
CHR9	6655624	CHR9:6655624	SSF x LoA	-10,839	-0,028	0,290
CHR9	6655666	CHR9:6655666	SSF x LoA	-10,202	-0,008	0,286
CHR9	6696534	CHR9:6696534	SSF x LoA	-10,167	-0,084	0,296
CHR9	6696535	CHR9:6696535	SSF x LoA	-9,999	-0,066	0,285
CHR9	6705253	CHR9:6705253	SSF x LoA	-9,099	0,093	0,288
CHR9	6709689	CHR9:6709689	SSF x LoA	-10,621	-0,086	0,276
CHR9	6709803	CHR9:6709803	SSF x LoA	-4,799	-0,209	0,274
CHR9	6709826	CHR9:6709826	SSF x LoA	-7,882	0,086	0,294
CHR9	6709862	CHR9:6709862	SSF x LoA	-9,816	0,040	0,298
CHR9	6757527	CHR9:6757527	SSF x LoA	-6,605	-0,040	0,283
CHR9	6757621	CHR9:6757621	SSF x LoA	-8,707	-0,147	0,286
CHR9	6766217	CHR9:6766217	SSF x LoA	-9,622	-0,133	0,264
CHR9	6766334	CHR9:6766334	SSF x LoA	-10,363	0,079	0,294
CHR9	6766366	CHR9:6766366	SSF x LoA	-8,279	0,000	0,290
CHR9	6770035	CHR9:6770035	SSF x LoA	-10,630	0,067	0,287
CHR9	6770076	CHR9:6770076	SSF x LoA	-7,024	-0,032	0,300
CHR9	6770083	CHR9:6770083	SSF x LoA	-8,849	-0,111	0,280
CHR9	6777513	CHR9:6777513	SSF x LoA	-10,110	0,077	0,277
CHR9	6777687	CHR9:6777687	SSF x LoA	-9,531	-0,055	0,284
CHR9	6799002	CHR9:6799002	SSF x LoA	-9,298	0,032	0,306
CHR9	6799179	CHR9:6799179	SSF x LoA	-7,832	-0,072	0,289
CHR9	6825059	CHR9:6825059	SSF x LoA	-8,865	0,051	0,280
CHR9	6851183	CHR9:6851183	SSF x LoA	-10,932	0,087	0,284
CHR9	6881778	CHR9:6881778	SSF x LoA	-8,872	0,031	0,293
CHR9	6881987	CHR9:6881987	SSF x LoA	-7,582	-0,001	0,278
CHR9	6901637	CHR9:6901637	SSF x LoA	-9,296	-0,018	0,296
CHR9	6901648	CHR9:6901648	SSF x LoA	-9,861	-0,036	0,291

CHR9	6901805	CHR9:6901805	SSF x LoA	-10,292	0,058	0,289
CHR9	6901820	CHR9:6901820	SSF x LoA	-8,375	0,028	0,292
CHR9	6935633	CHR9:6935633	SSF x LoA	-9,000	0,003	0,307
CHR9	7019913	CHR9:7019913	SSF x LoA	-9,838	-0,049	0,297
CHR9	7078413	CHR9:7078413	SSF x LoA	-8,956	0,032	0,266
CHR9	7152034	CHR9:7152034	SSF x LoA	-8,197	0,007	0,285
CHR9	7152060	CHR9:7152060	SSF x LoA	-8,398	0,044	0,299
CHR9	7153266	CHR9:7153266	SSF x LoA	-5,288	0,182	0,291
CHR9	7153354	CHR9:7153354	SSF x LoA	-10,539	0,104	0,295
CHR9	7153475	CHR9:7153475	SSF x LoA	-8,203	0,124	0,301
CHR9	7153487	CHR9:7153487	SSF x LoA	-10,073	0,012	0,284
CHR9	7153515	CHR9:7153515	SSF x LoA	-11,396	0,006	0,279
CHR9	7184375	CHR9:7184375	SSF x LoA	-8,415	-0,032	0,290
CHR9	7203784	CHR9:7203784	SSF x LoA	-7,814	0,036	0,297
CHR9	7203905	CHR9:7203905	SSF x LoA	-8,740	-0,026	0,271
CHR9	7208530	CHR9:7208530	SSF x LoA	-7,594	-0,108	0,291
CHR9	7208618	CHR9:7208618	SSF x LoA	-10,628	-0,006	0,278
CHR9	7209798	CHR9:7209798	SSF x LoA	-9,340	-0,095	0,287
CHR9	7209814	CHR9:7209814	SSF x LoA	-9,212	-0,041	0,300
CHR9	7209857	CHR9:7209857	SSF x LoA	-11,118	-0,016	0,282
CHR9	7213317	CHR9:7213317	SSF x LoA	-10,000	-0,004	0,290
CHR9	7213656	CHR9:7213656	SSF x LoA	-10,134	0,082	0,295
CHR9	7213692	CHR9:7213692	SSF x LoA	-7,354	0,101	0,287
CHR9	7217375	CHR9:7217375	SSF x LoA	-9,545	0,033	0,283
CHR9	7222106	CHR9:7222106	SSF x LoA	-3,161	-0,085	0,280
CHR9	7223648	CHR9:7223648	SSF x LoA	-9,956	0,032	0,295
CHR9	7223723	CHR9:7223723	SSF x LoA	-10,139	0,030	0,298
CHR9	7239602	CHR9:7239602	SSF x LoA	-7,572	0,138	0,267
CHR9	7239719	CHR9:7239719	SSF x LoA	-11,679	0,042	0,289
CHR9	7239744	CHR9:7239744	SSF x LoA	-7,831	-0,047	0,295
CHR9	7239757	CHR9:7239757	SSF x LoA	-10,508	-0,084	0,291
CHR9	7247615	CHR9:7247615	SSF x LoA	-6,357	0,086	0,290
CHR9	7247759	CHR9:7247759	SSF x LoA	-8,807	0,002	0,280
CHR9	7247768	CHR9:7247768	SSF x LoA	-9,426	-0,030	0,284
CHR9	7247788	CHR9:7247788	SSF x LoA	-8,142	-0,021	0,292
CHR9	7247791	CHR9:7247791	SSF x LoA	-10,706	0,025	0,281
CHR9	7247795	CHR9:7247795	SSF x LoA	-10,223	-0,027	0,297
CHR9	7247800	CHR9:7247800	SSF x LoA	-8,296	-0,038	0,300
CHR9	7247826	CHR9:7247826	SSF x LoA	-9,996	-0,047	0,279
CHR9	7247884	CHR9:7247884	SSF x LoA	-8,725	0,006	0,295
CHR9	7247922	CHR9:7247922	SSF x LoA	-9,584	0,032	0,284
CHR9	7247966	CHR9:7247966	SSF x LoA	-8,662	0,028	0,293
CHR9	7257697	CHR9:7257697	SSF x LoA	-10,687	0,056	0,291
CHR9	7257706	CHR9:7257706	SSF x LoA	-8,102	0,096	0,273
CHR9	7260817	CHR9:7260817	SSF x LoA	-8,744	0,104	0,297
CHR9	7260884	CHR9:7260884	SSF x LoA	-11,229	-0,053	0,294
CHR9	7261010	CHR9:7261010	SSF x LoA	-11,010	-0,084	0,284
CHR9	7261060	CHR9:7261060	SSF x LoA	-7,607	-0,033	0,302
CHR9	7261115	CHR9:7261115	SSF x LoA	-7,539	-0,065	0,302
CHR9	7279537	CHR9:7279537	SSF x LoA	-8,835	0,147	0,276
CHR9	7279924	CHR9:7279924	SSF x LoA	-9,304	0,085	0,283
CHR9	7280002	CHR9:7280002	SSF x LoA	-7,640	0,108	0,290
CHR9	7286612	CHR9:7286612	SSF x LoA	3,596	0,156	0,269

CHR9	7286640	CHR9:7286640	SSF x LoA	-7,481	0,072	0,289
CHR9	7307487	CHR9:7307487	SSF x LoA	0,705	-0,102	0,290
CHR9	7344380	CHR9:7344380	SSF x LoA	-7,395	0,041	0,296
CHR9	7344381	CHR9:7344381	SSF x LoA	-9,344	-0,006	0,304
CHR9	7344433	CHR9:7344433	SSF x LoA	-9,018	0,005	0,293
CHR9	7344454	CHR9:7344454	SSF x LoA	-10,682	0,044	0,285
CHR9	7344731	CHR9:7344731	SSF x LoA	-7,798	0,026	0,302
CHR9	7353697	CHR9:7353697	SSF x LoA	-7,789	-0,089	0,292
CHR9	7355805	CHR9:7355805	SSF x LoA	-7,688	0,015	0,289
CHR9	7355870	CHR9:7355870	SSF x LoA	-7,706	0,025	0,308
CHR9	7367291	CHR9:7367291	SSF x LoA	-10,003	0,061	0,293
CHR9	7384726	CHR9:7384726	SSF x LoA	-6,760	0,089	0,294
CHR9	7384817	CHR9:7384817	SSF x LoA	-9,742	-0,045	0,306
CHR9	7405941	CHR9:7405941	SSF x LoA	-11,106	0,037	0,283
CHR9	7425005	CHR9:7425005	SSF x LoA	-6,899	-0,079	0,276
CHR9	7425026	CHR9:7425026	SSF x LoA	-8,537	-0,105	0,287
CHR9	7425115	CHR9:7425115	SSF x LoA	-7,653	-0,038	0,287
CHR9	7425187	CHR9:7425187	SSF x LoA	1,301	0,005	0,295
CHR9	7427003	CHR9:7427003	SSF x LoA	-9,828	0,021	0,298
CHR9	7429455	CHR9:7429455	SSF x LoA	-10,203	-0,007	0,286
CHR9	7429483	CHR9:7429483	SSF x LoA	-6,858	0,114	0,270
CHR9	7471874	CHR9:7471874	SSF x LoA	-3,897	-0,127	0,296
CHR9	7471968	CHR9:7471968	SSF x LoA	-9,945	-0,034	0,283
CHR9	7472016	CHR9:7472016	SSF x LoA	-9,357	-0,025	0,290
CHR9	7472024	CHR9:7472024	SSF x LoA	-10,592	-0,044	0,292
CHR9	7472026	CHR9:7472026	SSF x LoA	-10,386	0,007	0,293
CHR9	7472044	CHR9:7472044	SSF x LoA	-7,237	0,048	0,297
CHR9	7472049	CHR9:7472049	SSF x LoA	-10,170	-0,017	0,297
CHR9	7472052	CHR9:7472052	SSF x LoA	-9,872	-0,006	0,282
CHR9	7472065	CHR9:7472065	SSF x LoA	-9,424	-0,027	0,268
CHR9	7476251	CHR9:7476251	SSF x LoA	-9,986	0,087	0,282
CHR9	7476267	CHR9:7476267	SSF x LoA	-8,242	-0,021	0,292
CHR9	7476315	CHR9:7476315	SSF x LoA	-10,075	0,058	0,283
CHR9	7476370	CHR9:7476370	SSF x LoA	-8,606	0,011	0,277
CHR9	7476417	CHR9:7476417	SSF x LoA	-9,888	-0,061	0,280
CHR9	7498757	CHR9:7498757	SSF x LoA	-9,437	0,122	0,274
CHR9	7498833	CHR9:7498833	SSF x LoA	-6,916	0,116	0,282
CHR9	7498856	CHR9:7498856	SSF x LoA	-9,774	-0,066	0,284
CHR9	7499652	CHR9:7499652	SSF x LoA	-7,322	-0,035	0,293
CHR9	7501336	CHR9:7501336	SSF x LoA	-8,881	0,052	0,299
CHR9	7501451	CHR9:7501451	SSF x LoA	-7,748	-0,054	0,300
CHR9	7501480	CHR9:7501480	SSF x LoA	-8,390	-0,046	0,289
CHR9	7512911	CHR9:7512911	SSF x LoA	-11,065	-0,016	0,278
CHR9	7513117	CHR9:7513117	SSF x LoA	-7,659	0,177	0,301
CHR9	7513241	CHR9:7513241	SSF x LoA	-6,371	-0,050	0,297
CHR9	7519951	CHR9:7519951	SSF x LoA	-10,226	-0,005	0,276
CHR9	7519990	CHR9:7519990	SSF x LoA	-8,242	0,087	0,285
CHR9	7520044	CHR9:7520044	SSF x LoA	-9,397	-0,018	0,287
CHR9	7520152	CHR9:7520152	SSF x LoA	-8,350	0,043	0,294
CHR9	7520216	CHR9:7520216	SSF x LoA	-8,669	0,063	0,307
CHR9	7536163	CHR9:7536163	SSF x LoA	-10,162	0,034	0,284
CHR9	7536219	CHR9:7536219	SSF x LoA	-4,158	-0,043	0,276
CHR9	7536221	CHR9:7536221	SSF x LoA	-7,622	0,007	0,279

CHR9	7536222	CHR9:7536222	SSF x LoA	-8,691	-0,012	0,279
CHR9	7536223	CHR9:7536223	SSF x LoA	-8,417	-0,005	0,279
CHR9	7536253	CHR9:7536253	SSF x LoA	-9,161	0,030	0,302
CHR9	7536289	CHR9:7536289	SSF x LoA	-8,297	-0,037	0,296
CHR9	7555512	CHR9:7555512	SSF x LoA	-1,100	0,114	0,286
CHR9	7568989	CHR9:7568989	SSF x LoA	-10,679	-0,028	0,283
CHR9	7569036	CHR9:7569036	SSF x LoA	-8,962	0,031	0,298
CHR9	7569054	CHR9:7569054	SSF x LoA	-7,893	0,137	0,284
CHR9	7584633	CHR9:7584633	SSF x LoA	-9,596	-0,100	0,277
CHR9	7584732	CHR9:7584732	SSF x LoA	-4,519	-0,177	0,287
CHR9	7584794	CHR9:7584794	SSF x LoA	-10,330	-0,092	0,286
CHR9	7584824	CHR9:7584824	SSF x LoA	-7,383	-0,094	0,290
CHR9	7584891	CHR9:7584891	SSF x LoA	-10,265	0,025	0,272
CHR9	7599701	CHR9:7599701	SSF x LoA	-9,803	0,030	0,290
CHR9	7599709	CHR9:7599709	SSF x LoA	-8,570	0,011	0,293
CHR9	7599809	CHR9:7599809	SSF x LoA	-9,333	0,033	0,281
CHR9	7628988	CHR9:7628988	SSF x LoA	-8,601	-0,026	0,276
CHR9	7629007	CHR9:7629007	SSF x LoA	-5,856	0,004	0,282
CHR9	7629022	CHR9:7629022	SSF x LoA	-8,702	0,028	0,283
CHR9	7629035	CHR9:7629035	SSF x LoA	-0,537	-0,033	0,260
CHR9	7629042	CHR9:7629042	SSF x LoA	13,358	0,014	0,302
CHR9	7629115	CHR9:7629115	SSF x LoA	-8,306	-0,049	0,273
CHR9	7629123	CHR9:7629123	SSF x LoA	-7,507	-0,093	0,285
CHR9	7629148	CHR9:7629148	SSF x LoA	-8,490	-0,049	0,289
CHR9	7629150	CHR9:7629150	SSF x LoA	-5,116	-0,116	0,273
CHR9	7629188	CHR9:7629188	SSF x LoA	-4,990	-0,142	0,275
CHR9	7693927	CHR9:7693927	SSF x LoA	-2,433	0,105	0,298
CHR9	7703535	CHR9:7703535	SSF x LoA	-6,225	0,075	0,292
CHR9	7704015	CHR9:7704015	SSF x LoA	-8,449	-0,091	0,297
CHR9	7708958	CHR9:7708958	SSF x LoA	-9,238	-0,075	0,295
CHR9	7708979	CHR9:7708979	SSF x LoA	-6,924	-0,115	0,292
CHR9	7709072	CHR9:7709072	SSF x LoA	-8,861	-0,070	0,307
CHR9	7709123	CHR9:7709123	SSF x LoA	-8,112	-0,068	0,311
CHR9	7709165	CHR9:7709165	SSF x LoA	-8,620	-0,057	0,295
CHR9	7710686	CHR9:7710686	SSF x LoA	-8,820	-0,077	0,294
CHR9	7710790	CHR9:7710790	SSF x LoA	-10,611	0,074	0,290
CHR9	7710805	CHR9:7710805	SSF x LoA	-9,838	0,048	0,281
CHR9	7746964	CHR9:7746964	SSF x LoA	-7,880	0,066	0,293
CHR9	7747084	CHR9:7747084	SSF x LoA	-9,125	0,035	0,291
CHR9	7747087	CHR9:7747087	SSF x LoA	-9,814	-0,035	0,286
CHR9	7747097	CHR9:7747097	SSF x LoA	-7,337	-0,042	0,296
CHR9	7747099	CHR9:7747099	SSF x LoA	-7,113	0,038	0,281
CHR9	7750611	CHR9:7750611	SSF x LoA	-8,604	0,018	0,289
CHR9	7750800	CHR9:7750800	SSF x LoA	-8,011	-0,011	0,286
CHR9	7750880	CHR9:7750880	SSF x LoA	-10,339	-0,119	0,282
CHR9	7769417	CHR9:7769417	SSF x LoA	-8,153	0,076	0,306
CHR9	7778303	CHR9:7778303	SSF x LoA	-8,808	0,023	0,294
CHR9	7778471	CHR9:7778471	SSF x LoA	-11,308	0,022	0,297
CHR9	7810767	CHR9:7810767	SSF x LoA	-8,499	-0,002	0,311
CHR9	7824116	CHR9:7824116	SSF x LoA	-10,054	0,068	0,303
CHR9	7824208	CHR9:7824208	SSF x LoA	-9,035	-0,022	0,285
CHR9	7824222	CHR9:7824222	SSF x LoA	-10,084	0,022	0,275
CHR9	7824297	CHR9:7824297	SSF x LoA	-8,428	-0,161	0,283

CHR9	7825165	CHR9:7825165	SSF x LoA	-9,180	-0,005	0,301
CHR9	7864157	CHR9:7864157	SSF x LoA	-7,664	-0,141	0,284
CHR9	7864208	CHR9:7864208	SSF x LoA	-8,508	-0,102	0,292
CHR9	7864979	CHR9:7864979	SSF x LoA	-6,389	-0,175	0,275
CHR9	7865038	CHR9:7865038	SSF x LoA	-9,004	-0,072	0,285
CHR9	7865047	CHR9:7865047	SSF x LoA	-7,352	-0,066	0,309
CHR9	7865089	CHR9:7865089	SSF x LoA	-0,834	0,184	0,283
CHR9	7875327	CHR9:7875327	SSF x LoA	-7,781	0,123	0,294
CHR9	7878960	CHR9:7878960	SSF x LoA	-8,455	-0,097	0,308
CHR9	7879036	CHR9:7879036	SSF x LoA	-9,301	0,067	0,286
CHR9	7879067	CHR9:7879067	SSF x LoA	-8,282	0,165	0,283
CHR9	7879193	CHR9:7879193	SSF x LoA	-10,066	-0,117	0,279
CHR9	7886371	CHR9:7886371	SSF x LoA	-7,350	-0,140	0,273
CHR9	7886509	CHR9:7886509	SSF x LoA	-10,899	-0,084	0,299
CHR9	7918277	CHR9:7918277	SSF x LoA	-8,596	0,003	0,291
CHR9	7918328	CHR9:7918328	SSF x LoA	-8,871	0,085	0,278
CHR9	7918385	CHR9:7918385	SSF x LoA	-9,178	-0,024	0,275
CHR9	7924	CHR9:7924	SSF x LoA	-7,320	0,000	0,318
CHR9	7933171	CHR9:7933171	SSF x LoA	-9,988	-0,096	0,296
CHR9	7939601	CHR9:7939601	SSF x LoA	-8,739	-0,019	0,293
CHR9	7944395	CHR9:7944395	SSF x LoA	-8,505	-0,038	0,308
CHR9	7944536	CHR9:7944536	SSF x LoA	-9,695	0,043	0,302
CHR9	7944557	CHR9:7944557	SSF x LoA	-8,879	0,021	0,296
CHR9	7946112	CHR9:7946112	SSF x LoA	-7,248	0,079	0,268
CHR9	7949197	CHR9:7949197	SSF x LoA	-5,732	0,034	0,303
CHR9	7949359	CHR9:7949359	SSF x LoA	-10,683	-0,065	0,289
CHR9	7952623	CHR9:7952623	SSF x LoA	-9,423	0,038	0,299
CHR9	7952933	CHR9:7952933	SSF x LoA	-4,795	-0,093	0,282
CHR9	7964841	CHR9:7964841	SSF x LoA	-9,011	0,059	0,279
CHR9	7964858	CHR9:7964858	SSF x LoA	-9,204	0,066	0,272
CHR9	7964930	CHR9:7964930	SSF x LoA	-8,559	0,139	0,275
CHR9	7965015	CHR9:7965015	SSF x LoA	-6,183	-0,074	0,294
CHR9	7965046	CHR9:7965046	SSF x LoA	-10,661	0,076	0,268
CHR9	7967292	CHR9:7967292	SSF x LoA	-7,757	-0,039	0,291
CHR9	7978742	CHR9:7978742	SSF x LoA	-6,758	-0,173	0,280
CHR9	7978788	CHR9:7978788	SSF x LoA	-3,762	0,108	0,303
CHR9	7980067	CHR9:7980067	SSF x LoA	-9,692	-0,043	0,287
CHR9	7980140	CHR9:7980140	SSF x LoA	-8,064	-0,034	0,289
CHR9	7983137	CHR9:7983137	SSF x LoA	11,098	-0,244	0,271
CHR9	7983148	CHR9:7983148	SSF x LoA	-11,191	-0,040	0,287
CHR9	7984792	CHR9:7984792	SSF x LoA	-9,748	-0,122	0,291
CHR9	7984803	CHR9:7984803	SSF x LoA	-9,196	0,023	0,292
CHR9	7984843	CHR9:7984843	SSF x LoA	-7,334	0,035	0,277
CHR9	7984871	CHR9:7984871	SSF x LoA	-8,484	0,036	0,277
CHR9	7993392	CHR9:7993392	SSF x LoA	-9,542	0,047	0,281
CHR9	8023772	CHR9:8023772	SSF x LoA	-7,468	-0,001	0,302
CHR9	8023790	CHR9:8023790	SSF x LoA	-8,143	-0,089	0,288
CHR9	8023898	CHR9:8023898	SSF x LoA	-8,437	0,096	0,276
CHR9	8024016	CHR9:8024016	SSF x LoA	-6,357	-0,124	0,288
CHR9	8024176	CHR9:8024176	SSF x LoA	-8,584	0,131	0,274
CHR9	8052753	CHR9:8052753	SSF x LoA	-7,091	-0,124	0,273
CHR9	8052774	CHR9:8052774	SSF x LoA	-2,057	-0,030	0,295
CHR9	8052779	CHR9:8052779	SSF x LoA	-8,220	-0,020	0,285

CHR9	8052820	CHR9:8052820	SSF x LoA	-8,069	-0,073	0,299
CHR9	8052871	CHR9:8052871	SSF x LoA	-8,328	-0,063	0,296
CHR9	8052908	CHR9:8052908	SSF x LoA	-9,661	-0,099	0,280
CHR9	8052946	CHR9:8052946	SSF x LoA	-8,314	-0,034	0,299
CHR9	8082272	CHR9:8082272	SSF x LoA	-9,163	-0,041	0,297
CHR9	8082276	CHR9:8082276	SSF x LoA	-8,660	0,052	0,295
CHR9	8082314	CHR9:8082314	SSF x LoA	-8,523	-0,063	0,291
CHR9	8082325	CHR9:8082325	SSF x LoA	-8,745	-0,041	0,278
CHR9	8082379	CHR9:8082379	SSF x LoA	-3,782	-0,032	0,276
CHR9	8082409	CHR9:8082409	SSF x LoA	-8,876	0,104	0,291
CHR9	8082438	CHR9:8082438	SSF x LoA	-8,739	-0,015	0,282
CHR9	8084514	CHR9:8084514	SSF x LoA	-8,471	0,000	0,273
CHR9	8084597	CHR9:8084597	SSF x LoA	-7,348	0,070	0,287
CHR9	8108214	CHR9:8108214	SSF x LoA	-6,653	-0,163	0,286
CHR9	8108526	CHR9:8108526	SSF x LoA	-10,449	-0,040	0,297
CHR9	8108550	CHR9:8108550	SSF x LoA	-10,917	-0,011	0,288
CHR9	8115442	CHR9:8115442	SSF x LoA	-9,065	-0,092	0,277
CHR9	8115541	CHR9:8115541	SSF x LoA	-11,438	-0,028	0,275
CHR9	8115635	CHR9:8115635	SSF x LoA	-8,408	-0,041	0,304
CHR9	8115640	CHR9:8115640	SSF x LoA	-8,546	-0,024	0,309
CHR9	8115709	CHR9:8115709	SSF x LoA	-7,220	0,136	0,296
CHR9	8121986	CHR9:8121986	SSF x LoA	-7,244	0,041	0,287
CHR9	8121995	CHR9:8121995	SSF x LoA	-11,108	-0,005	0,284
CHR9	8122002	CHR9:8122002	SSF x LoA	-6,941	-0,046	0,286
CHR9	8122062	CHR9:8122062	SSF x LoA	-7,137	-0,040	0,302
CHR9	8135238	CHR9:8135238	SSF x LoA	-11,427	0,006	0,293
CHR9	8135270	CHR9:8135270	SSF x LoA	-5,836	-0,080	0,288
CHR9	8135315	CHR9:8135315	SSF x LoA	-8,311	0,094	0,268
CHR9	8135344	CHR9:8135344	SSF x LoA	-10,001	0,130	0,289
CHR9	8135393	CHR9:8135393	SSF x LoA	-10,315	0,098	0,297
CHR9	8135468	CHR9:8135468	SSF x LoA	-6,759	-0,098	0,296
CHR9	8135479	CHR9:8135479	SSF x LoA	-7,727	-0,098	0,285
CHR9	8144860	CHR9:8144860	SSF x LoA	-8,583	-0,109	0,293
CHR9	8144896	CHR9:8144896	SSF x LoA	1,798	-0,060	0,306
CHR9	8144932	CHR9:8144932	SSF x LoA	-8,648	-0,122	0,299
CHR9	8144940	CHR9:8144940	SSF x LoA	-9,221	-0,071	0,287
CHR9	8145050	CHR9:8145050	SSF x LoA	-9,118	-0,011	0,297
CHR9	8161079	CHR9:8161079	SSF x LoA	-10,715	0,045	0,278
CHR9	8162967	CHR9:8162967	SSF x LoA	-9,854	0,108	0,274
CHR9	8163015	CHR9:8163015	SSF x LoA	-4,166	-0,158	0,288
CHR9	8163024	CHR9:8163024	SSF x LoA	-7,350	-0,143	0,279
CHR9	8163039	CHR9:8163039	SSF x LoA	-8,149	-0,123	0,281
CHR9	8163075	CHR9:8163075	SSF x LoA	-8,004	0,008	0,289
CHR9	8163086	CHR9:8163086	SSF x LoA	-8,337	-0,041	0,280
CHR9	8163096	CHR9:8163096	SSF x LoA	-2,233	-0,016	0,292
CHR9	8163108	CHR9:8163108	SSF x LoA	-9,021	0,030	0,297
CHR9	8163111	CHR9:8163111	SSF x LoA	-11,356	-0,042	0,285
CHR9	8163121	CHR9:8163121	SSF x LoA	-10,370	-0,096	0,282
CHR9	8163159	CHR9:8163159	SSF x LoA	-5,768	0,020	0,292
CHR9	8185091	CHR9:8185091	SSF x LoA	-10,014	-0,074	0,283
CHR9	8185111	CHR9:8185111	SSF x LoA	-9,568	-0,036	0,298
CHR9	8185119	CHR9:8185119	SSF x LoA	-10,663	-0,030	0,296
CHR9	8198436	CHR9:8198436	SSF x LoA	-6,344	-0,144	0,288

CHR9	8235065	CHR9:8235065	SSF x LoA	-9,617	0,104	0,293
CHR9	8240975	CHR9:8240975	SSF x LoA	-9,281	0,041	0,286
CHR9	8241003	CHR9:8241003	SSF x LoA	-8,933	0,040	0,297
CHR9	8241077	CHR9:8241077	SSF x LoA	-8,676	0,080	0,297
CHR9	8253254	CHR9:8253254	SSF x LoA	-6,004	0,029	0,292
CHR9	8253486	CHR9:8253486	SSF x LoA	-7,618	0,025	0,287
CHR9	8253554	CHR9:8253554	SSF x LoA	-7,723	-0,084	0,284
CHR9	8253560	CHR9:8253560	SSF x LoA	-9,015	0,036	0,270
CHR9	8258587	CHR9:8258587	SSF x LoA	-7,927	0,153	0,282
CHR9	8258589	CHR9:8258589	SSF x LoA	-8,097	-0,071	0,294
CHR9	8258602	CHR9:8258602	SSF x LoA	-9,302	0,079	0,287
CHR9	8258789	CHR9:8258789	SSF x LoA	-9,865	0,083	0,280
CHR9	8258806	CHR9:8258806	SSF x LoA	-7,692	0,126	0,294
CHR9	8258907	CHR9:8258907	SSF x LoA	-7,984	0,124	0,290
CHR9	8265942	CHR9:8265942	SSF x LoA	-8,543	0,083	0,288
CHR9	8265949	CHR9:8265949	SSF x LoA	-10,326	0,030	0,281
CHR9	8265963	CHR9:8265963	SSF x LoA	-4,748	0,185	0,279
CHR9	8265964	CHR9:8265964	SSF x LoA	-4,984	0,160	0,272
CHR9	8267274	CHR9:8267274	SSF x LoA	-8,701	-0,138	0,276
CHR9	8290222	CHR9:8290222	SSF x LoA	-8,036	0,073	0,282
CHR9	8290259	CHR9:8290259	SSF x LoA	-8,689	0,056	0,292
CHR9	8310337	CHR9:8310337	SSF x LoA	-9,621	-0,156	0,298
CHR9	8312435	CHR9:8312435	SSF x LoA	-6,900	0,067	0,291
CHR9	8312453	CHR9:8312453	SSF x LoA	-9,449	0,082	0,300
CHR9	8312467	CHR9:8312467	SSF x LoA	-5,867	-0,131	0,280
CHR9	8312495	CHR9:8312495	SSF x LoA	-6,989	0,083	0,285
CHR9	8312523	CHR9:8312523	SSF x LoA	-8,755	0,123	0,268
CHR9	8312640	CHR9:8312640	SSF x LoA	-8,575	0,126	0,271
CHR9	8312664	CHR9:8312664	SSF x LoA	-6,124	0,134	0,281
CHR9	8317240	CHR9:8317240	SSF x LoA	-7,883	0,058	0,300
CHR9	8331599	CHR9:8331599	SSF x LoA	-8,948	-0,032	0,271
CHR9	8331607	CHR9:8331607	SSF x LoA	-10,532	0,003	0,298
CHR9	8331708	CHR9:8331708	SSF x LoA	-8,506	0,069	0,291
CHR9	8331810	CHR9:8331810	SSF x LoA	-9,166	-0,012	0,292
CHR9	8431019	CHR9:8431019	SSF x LoA	-5,674	-0,177	0,269
CHR9	8431034	CHR9:8431034	SSF x LoA	-8,786	0,126	0,294
CHR9	8452171	CHR9:8452171	SSF x LoA	-6,495	0,089	0,281
CHR9	8480498	CHR9:8480498	SSF x LoA	-10,559	-0,008	0,283
CHR9	8480556	CHR9:8480556	SSF x LoA	-5,767	0,133	0,277
CHR9	8480604	CHR9:8480604	SSF x LoA	-8,110	-0,125	0,291
CHR9	8480616	CHR9:8480616	SSF x LoA	-6,496	-0,044	0,288
CHR9	8480678	CHR9:8480678	SSF x LoA	-10,009	-0,016	0,289
CHR9	8480774	CHR9:8480774	SSF x LoA	-7,478	-0,037	0,283
CHR9	8485838	CHR9:8485838	SSF x LoA	-8,050	0,135	0,283
CHR9	8485880	CHR9:8485880	SSF x LoA	-7,450	-0,118	0,289
CHR9	8488444	CHR9:8488444	SSF x LoA	-7,707	-0,028	0,294
CHR9	8488504	CHR9:8488504	SSF x LoA	-7,875	-0,002	0,285
CHR9	8488533	CHR9:8488533	SSF x LoA	-8,459	0,100	0,296
CHR9	8502706	CHR9:8502706	SSF x LoA	-8,384	0,044	0,295
CHR9	8511098	CHR9:8511098	SSF x LoA	-10,473	-0,035	0,287
CHR9	8537534	CHR9:8537534	SSF x LoA	-11,365	0,042	0,305
CHR9	8543458	CHR9:8543458	SSF x LoA	-10,379	0,058	0,286
CHR9	8543545	CHR9:8543545	SSF x LoA	-10,501	-0,092	0,292

CHR9	8543666	CHR9:8543666	SSF x LoA	-9,857	-0,135	0,279
CHR9	8550418	CHR9:8550418	SSF x LoA	-7,303	-0,102	0,272
CHR9	8550453	CHR9:8550453	SSF x LoA	-7,458	0,045	0,278
CHR9	855285	CHR9:855285	SSF x LoA	-8,072	0,001	0,289
CHR9	855434	CHR9:855434	SSF x LoA	-10,231	-0,085	0,284
CHR9	8581787	CHR9:8581787	SSF x LoA	-10,108	0,086	0,290
CHR9	8581808	CHR9:8581808	SSF x LoA	-7,920	-0,140	0,283
CHR9	8581873	CHR9:8581873	SSF x LoA	1,321	0,148	0,263
CHR9	8581896	CHR9:8581896	SSF x LoA	-10,792	-0,122	0,267
CHR9	8581962	CHR9:8581962	SSF x LoA	-6,128	0,162	0,280
CHR9	8582003	CHR9:8582003	SSF x LoA	-8,791	0,005	0,290
CHR9	8582020	CHR9:8582020	SSF x LoA	-8,823	-0,005	0,294
CHR9	8590926	CHR9:8590926	SSF x LoA	-10,141	0,029	0,281
CHR9	860622	CHR9:860622	SSF x LoA	-8,410	0,051	0,289
CHR9	8608728	CHR9:8608728	SSF x LoA	-8,711	-0,081	0,291
CHR9	8609033	CHR9:8609033	SSF x LoA	-8,758	0,003	0,295
CHR9	8611543	CHR9:8611543	SSF x LoA	-9,720	-0,100	0,284
CHR9	8634228	CHR9:8634228	SSF x LoA	-10,665	0,021	0,294
CHR9	8634353	CHR9:8634353	SSF x LoA	-10,076	-0,101	0,280
CHR9	8634512	CHR9:8634512	SSF x LoA	-10,147	0,041	0,277
CHR9	8634564	CHR9:8634564	SSF x LoA	-8,840	0,062	0,280
CHR9	8650253	CHR9:8650253	SSF x LoA	-8,460	-0,055	0,294
CHR9	8650296	CHR9:8650296	SSF x LoA	-10,379	0,004	0,289
CHR9	8650419	CHR9:8650419	SSF x LoA	-6,730	-0,077	0,287
CHR9	866345	CHR9:866345	SSF x LoA	-6,554	-0,039	0,284
CHR9	8680021	CHR9:8680021	SSF x LoA	-6,272	0,089	0,284
CHR9	8700716	CHR9:8700716	SSF x LoA	-8,744	-0,015	0,287
CHR9	8701641	CHR9:8701641	SSF x LoA	-8,334	-0,006	0,291
CHR9	8711141	CHR9:8711141	SSF x LoA	-9,056	0,022	0,289
CHR9	8721005	CHR9:8721005	SSF x LoA	-9,163	0,083	0,301
CHR9	8721034	CHR9:8721034	SSF x LoA	-10,198	-0,055	0,284
CHR9	8732840	CHR9:8732840	SSF x LoA	-8,411	0,022	0,289
CHR9	8766020	CHR9:8766020	SSF x LoA	-11,147	-0,038	0,284
CHR9	8766026	CHR9:8766026	SSF x LoA	-9,944	-0,041	0,290
CHR9	8766109	CHR9:8766109	SSF x LoA	-9,913	-0,088	0,283
CHR9	8781756	CHR9:8781756	SSF x LoA	-9,519	0,025	0,282
CHR9	8789832	CHR9:8789832	SSF x LoA	-8,667	0,059	0,282
CHR9	8792220	CHR9:8792220	SSF x LoA	-9,189	0,009	0,273
CHR9	8792311	CHR9:8792311	SSF x LoA	-9,656	0,057	0,313
CHR9	8820152	CHR9:8820152	SSF x LoA	-9,373	0,023	0,293
CHR9	8820206	CHR9:8820206	SSF x LoA	-10,076	0,022	0,283
CHR9	8820270	CHR9:8820270	SSF x LoA	-7,343	0,078	0,297
CHR9	8820304	CHR9:8820304	SSF x LoA	-10,501	-0,052	0,292
CHR9	8820341	CHR9:8820341	SSF x LoA	-11,300	-0,011	0,282
CHR9	8833272	CHR9:8833272	SSF x LoA	-2,540	0,178	0,278
CHR9	8837929	CHR9:8837929	SSF x LoA	-9,130	0,118	0,285
CHR9	8838054	CHR9:8838054	SSF x LoA	-7,862	0,019	0,284
CHR9	8838059	CHR9:8838059	SSF x LoA	-8,507	0,030	0,279
CHR9	888823	CHR9:888823	SSF x LoA	-7,654	0,142	0,284
CHR9	888847	CHR9:888847	SSF x LoA	-9,512	-0,092	0,291
CHR9	888875	CHR9:888875	SSF x LoA	-6,843	0,122	0,281
CHR9	889188	CHR9:889188	SSF x LoA	-8,853	0,057	0,312
CHR9	8917236	CHR9:8917236	SSF x LoA	-9,262	0,073	0,282

CHR9	8917446	CHR9:8917446	SSF x LoA	-10,189	-0,082	0,291
CHR9	8930062	CHR9:8930062	SSF x LoA	-7,052	0,075	0,293
CHR9	8930065	CHR9:8930065	SSF x LoA	-10,225	-0,092	0,292
CHR9	8930083	CHR9:8930083	SSF x LoA	-7,817	0,148	0,303
CHR9	8930211	CHR9:8930211	SSF x LoA	-8,754	0,031	0,281
CHR9	8940746	CHR9:8940746	SSF x LoA	-10,454	0,075	0,300
CHR9	8940763	CHR9:8940763	SSF x LoA	-8,393	-0,083	0,287
CHR9	894229	CHR9:894229	SSF x LoA	-8,334	0,070	0,295
CHR9	894230	CHR9:894230	SSF x LoA	-5,313	0,091	0,296
CHR9	894282	CHR9:894282	SSF x LoA	-7,810	0,017	0,291
CHR9	894348	CHR9:894348	SSF x LoA	-11,434	-0,024	0,278
CHR9	8943946	CHR9:8943946	SSF x LoA	-4,381	-0,051	0,300
CHR9	8960163	CHR9:8960163	SSF x LoA	-6,737	0,137	0,273
CHR9	8962794	CHR9:8962794	SSF x LoA	-10,069	0,044	0,299
CHR9	8964112	CHR9:8964112	SSF x LoA	-9,607	-0,011	0,286
CHR9	8964150	CHR9:8964150	SSF x LoA	-8,241	0,023	0,293
CHR9	8972407	CHR9:8972407	SSF x LoA	-4,027	0,155	0,283
CHR9	8972502	CHR9:8972502	SSF x LoA	-9,579	0,051	0,294
CHR9	8972545	CHR9:8972545	SSF x LoA	-6,617	0,163	0,266
CHR9	8981612	CHR9:8981612	SSF x LoA	-9,894	-0,020	0,291
CHR9	8981643	CHR9:8981643	SSF x LoA	-7,268	0,118	0,299
CHR9	8988373	CHR9:8988373	SSF x LoA	-8,725	-0,101	0,299
CHR9	8988386	CHR9:8988386	SSF x LoA	-9,918	-0,015	0,291
CHR9	8988400	CHR9:8988400	SSF x LoA	-9,675	0,081	0,294
CHR9	8989815	CHR9:8989815	SSF x LoA	-6,396	-0,149	0,295
CHR9	900609	CHR9:900609	SSF x LoA	-10,492	0,057	0,302
CHR9	900654	CHR9:900654	SSF x LoA	-9,770	0,027	0,299
CHR9	900701	CHR9:900701	SSF x LoA	-10,633	0,103	0,297
CHR9	900742	CHR9:900742	SSF x LoA	-7,954	-0,088	0,277
CHR9	9009987	CHR9:9009987	SSF x LoA	-10,783	-0,043	0,295
CHR9	9010063	CHR9:9010063	SSF x LoA	-9,083	0,106	0,273
CHR9	9010234	CHR9:9010234	SSF x LoA	-7,883	-0,079	0,291
CHR9	9010239	CHR9:9010239	SSF x LoA	-6,427	-0,095	0,301
CHR9	9025486	CHR9:9025486	SSF x LoA	2,314	0,120	0,292
CHR9	9025488	CHR9:9025488	SSF x LoA	-6,046	-0,133	0,299
CHR9	9025497	CHR9:9025497	SSF x LoA	-7,917	0,123	0,287
CHR9	9025502	CHR9:9025502	SSF x LoA	-8,039	-0,097	0,293
CHR9	9025508	CHR9:9025508	SSF x LoA	-7,738	-0,094	0,292
CHR9	903613	CHR9:903613	SSF x LoA	-10,340	0,064	0,292
CHR9	903666	CHR9:903666	SSF x LoA	-6,203	-0,136	0,295
CHR9	9044403	CHR9:9044403	SSF x LoA	-10,123	0,020	0,293
CHR9	9045779	CHR9:9045779	SSF x LoA	-10,280	-0,024	0,279
CHR9	9045803	CHR9:9045803	SSF x LoA	-11,067	-0,064	0,282
CHR9	9045833	CHR9:9045833	SSF x LoA	-7,337	-0,004	0,287
CHR9	9058287	CHR9:9058287	SSF x LoA	-7,040	0,127	0,280
CHR9	9065653	CHR9:9065653	SSF x LoA	-7,800	0,066	0,291
CHR9	9065673	CHR9:9065673	SSF x LoA	0,197	0,100	0,290
CHR9	9065683	CHR9:9065683	SSF x LoA	-8,746	-0,052	0,288
CHR9	9065686	CHR9:9065686	SSF x LoA	-8,394	0,065	0,278
CHR9	9077698	CHR9:9077698	SSF x LoA	-5,710	0,087	0,298
CHR9	9077735	CHR9:9077735	SSF x LoA	-8,751	0,108	0,294
CHR9	9077773	CHR9:9077773	SSF x LoA	-9,836	-0,032	0,296
CHR9	9096716	CHR9:9096716	SSF x LoA	-9,212	-0,019	0,299

CHR9	9096791	CHR9:9096791	SSF x LoA	-7,716	-0,190	0,291
CHR9	9096822	CHR9:9096822	SSF x LoA	-9,415	0,035	0,299
CHR9	9096863	CHR9:9096863	SSF x LoA	-8,202	-0,118	0,282
CHR9	9096883	CHR9:9096883	SSF x LoA	-9,587	0,102	0,286
CHR9	9098134	CHR9:9098134	SSF x LoA	-5,383	0,041	0,294
CHR9	9098204	CHR9:9098204	SSF x LoA	-9,910	-0,093	0,294
CHR9	9106645	CHR9:9106645	SSF x LoA	-9,964	0,031	0,307
CHR9	9106653	CHR9:9106653	SSF x LoA	-7,958	0,067	0,291
CHR9	9120649	CHR9:9120649	SSF x LoA	-6,117	0,051	0,302
CHR9	9120654	CHR9:9120654	SSF x LoA	-6,548	0,088	0,305
CHR9	9120663	CHR9:9120663	SSF x LoA	-8,020	0,126	0,291
CHR9	9120709	CHR9:9120709	SSF x LoA	-8,149	0,119	0,287
CHR9	9120736	CHR9:9120736	SSF x LoA	-7,928	0,092	0,289
CHR9	9124963	CHR9:9124963	SSF x LoA	-8,728	-0,034	0,294
CHR9	9125129	CHR9:9125129	SSF x LoA	-6,675	-0,108	0,292
CHR9	9125179	CHR9:9125179	SSF x LoA	-8,753	-0,081	0,293
CHR9	913009	CHR9:913009	SSF x LoA	-8,215	-0,042	0,301
CHR9	913052	CHR9:913052	SSF x LoA	-8,942	-0,050	0,281
CHR9	913230	CHR9:913230	SSF x LoA	-9,909	-0,036	0,276
CHR9	9145392	CHR9:9145392	SSF x LoA	-10,105	-0,111	0,296
CHR9	9145550	CHR9:9145550	SSF x LoA	-10,193	-0,052	0,287
CHR9	9145578	CHR9:9145578	SSF x LoA	-7,181	-0,057	0,289
CHR9	9145677	CHR9:9145677	SSF x LoA	-7,312	-0,046	0,310
CHR9	9145751	CHR9:9145751	SSF x LoA	-8,161	-0,027	0,299
CHR9	914938	CHR9:914938	SSF x LoA	-9,980	0,039	0,289
CHR9	9149414	CHR9:9149414	SSF x LoA	-6,941	-0,104	0,282
CHR9	9149595	CHR9:9149595	SSF x LoA	-8,308	0,169	0,297
CHR9	9149621	CHR9:9149621	SSF x LoA	-7,583	0,052	0,284
CHR9	9155907	CHR9:9155907	SSF x LoA	-8,786	0,034	0,285
CHR9	9212138	CHR9:9212138	SSF x LoA	-7,991	0,086	0,275
CHR9	9212177	CHR9:9212177	SSF x LoA	-11,022	-0,039	0,291
CHR9	9212273	CHR9:9212273	SSF x LoA	-10,317	0,027	0,301
CHR9	9231592	CHR9:9231592	SSF x LoA	-9,516	0,019	0,284
CHR9	9252027	CHR9:9252027	SSF x LoA	-3,831	0,105	0,304
CHR9	9253821	CHR9:9253821	SSF x LoA	-8,198	0,155	0,277
CHR9	9254058	CHR9:9254058	SSF x LoA	-7,870	-0,038	0,281
CHR9	9254112	CHR9:9254112	SSF x LoA	-6,301	0,085	0,278
CHR9	9257563	CHR9:9257563	SSF x LoA	-10,862	-0,002	0,280
CHR9	9293646	CHR9:9293646	SSF x LoA	-8,637	-0,036	0,291
CHR9	9293722	CHR9:9293722	SSF x LoA	-9,569	0,026	0,294
CHR9	9293741	CHR9:9293741	SSF x LoA	-8,367	0,075	0,269
CHR9	9300364	CHR9:9300364	SSF x LoA	-9,802	-0,059	0,281
CHR9	9300451	CHR9:9300451	SSF x LoA	-6,824	-0,124	0,292
CHR9	9303096	CHR9:9303096	SSF x LoA	-5,700	0,112	0,299
CHR9	9303105	CHR9:9303105	SSF x LoA	-9,011	0,013	0,284
CHR9	9303141	CHR9:9303141	SSF x LoA	-10,761	0,070	0,279
CHR9	9303150	CHR9:9303150	SSF x LoA	-8,748	0,050	0,281
CHR9	9303164	CHR9:9303164	SSF x LoA	-8,953	-0,038	0,281
CHR9	9303306	CHR9:9303306	SSF x LoA	-4,440	-0,175	0,268
CHR9	9304613	CHR9:9304613	SSF x LoA	-9,576	0,100	0,276
CHR9	9304654	CHR9:9304654	SSF x LoA	-8,989	-0,116	0,281
CHR9	9330698	CHR9:9330698	SSF x LoA	-10,666	-0,054	0,275
CHR9	9330723	CHR9:9330723	SSF x LoA	-6,757	0,052	0,299

CHR9	9330753	CHR9:9330753	SSF x LoA	-8,188	0,099	0,291
CHR9	9330884	CHR9:9330884	SSF x LoA	-7,243	-0,160	0,275
CHR9	9342777	CHR9:9342777	SSF x LoA	-6,368	0,071	0,288
CHR9	9343085	CHR9:9343085	SSF x LoA	-7,968	0,001	0,280
CHR9	9378848	CHR9:9378848	SSF x LoA	-8,048	-0,070	0,303
CHR9	9378992	CHR9:9378992	SSF x LoA	-7,467	0,025	0,288
CHR9	9378993	CHR9:9378993	SSF x LoA	-8,147	0,006	0,294
CHR9	9386487	CHR9:9386487	SSF x LoA	-7,588	-0,042	0,295
CHR9	9403772	CHR9:9403772	SSF x LoA	-8,557	0,098	0,284
CHR9	9405918	CHR9:9405918	SSF x LoA	-7,654	0,056	0,290
CHR9	9412891	CHR9:9412891	SSF x LoA	-10,123	0,016	0,285
CHR9	9412941	CHR9:9412941	SSF x LoA	-9,384	0,004	0,288
CHR9	9412945	CHR9:9412945	SSF x LoA	-8,812	0,066	0,298
CHR9	9440014	CHR9:9440014	SSF x LoA	-7,419	0,054	0,288
CHR9	9440204	CHR9:9440204	SSF x LoA	-8,833	0,019	0,280
CHR9	9470088	CHR9:9470088	SSF x LoA	-8,880	-0,026	0,299
CHR9	9473004	CHR9:9473004	SSF x LoA	-7,275	-0,026	0,293
CHR9	9484787	CHR9:9484787	SSF x LoA	-6,876	-0,027	0,281
CHR9	9484852	CHR9:9484852	SSF x LoA	-6,655	0,106	0,285
CHR9	9489016	CHR9:9489016	SSF x LoA	-8,394	-0,009	0,295
CHR9	9489028	CHR9:9489028	SSF x LoA	-8,668	-0,106	0,286
CHR9	9489066	CHR9:9489066	SSF x LoA	-9,710	-0,086	0,289
CHR9	9489093	CHR9:9489093	SSF x LoA	-8,664	-0,015	0,276
CHR9	9489137	CHR9:9489137	SSF x LoA	-8,384	-0,131	0,294
CHR9	9489140	CHR9:9489140	SSF x LoA	-6,456	-0,087	0,298
CHR9	949631	CHR9:949631	SSF x LoA	-6,722	0,148	0,277
CHR9	9500509	CHR9:9500509	SSF x LoA	-6,409	0,088	0,284
CHR9	9511524	CHR9:9511524	SSF x LoA	-8,316	-0,006	0,292
CHR9	951174	CHR9:951174	SSF x LoA	-7,251	0,050	0,288
CHR9	951214	CHR9:951214	SSF x LoA	-9,752	0,023	0,294
CHR9	9513582	CHR9:9513582	SSF x LoA	-6,659	-0,160	0,282
CHR9	9513669	CHR9:9513669	SSF x LoA	-8,356	-0,002	0,299
CHR9	9513678	CHR9:9513678	SSF x LoA	-8,052	0,012	0,295
CHR9	9513701	CHR9:9513701	SSF x LoA	-10,299	-0,030	0,274
CHR9	9524768	CHR9:9524768	SSF x LoA	-7,398	0,099	0,305
CHR9	9528856	CHR9:9528856	SSF x LoA	-7,569	0,093	0,273
CHR9	9529032	CHR9:9529032	SSF x LoA	-9,871	-0,019	0,291
CHR9	9535975	CHR9:9535975	SSF x LoA	-10,721	-0,049	0,280
CHR9	9536038	CHR9:9536038	SSF x LoA	-8,897	0,022	0,301
CHR9	9536083	CHR9:9536083	SSF x LoA	-8,507	0,001	0,284
CHR9	9536148	CHR9:9536148	SSF x LoA	-6,768	-0,151	0,285
CHR9	9536164	CHR9:9536164	SSF x LoA	-10,134	-0,135	0,282
CHR9	9539672	CHR9:9539672	SSF x LoA	-8,632	-0,109	0,278
CHR9	954037	CHR9:954037	SSF x LoA	-8,699	-0,057	0,300
CHR9	9548843	CHR9:9548843	SSF x LoA	-7,983	-0,016	0,289
CHR9	9548929	CHR9:9548929	SSF x LoA	-11,123	-0,047	0,284
CHR9	9549127	CHR9:9549127	SSF x LoA	-9,257	0,034	0,296
CHR9	9549149	CHR9:9549149	SSF x LoA	-7,050	0,106	0,280
CHR9	9558009	CHR9:9558009	SSF x LoA	-7,907	-0,055	0,286
CHR9	9558140	CHR9:9558140	SSF x LoA	-10,263	-0,054	0,288
CHR9	9558166	CHR9:9558166	SSF x LoA	-8,423	0,090	0,298
CHR9	9561134	CHR9:9561134	SSF x LoA	-6,252	-0,114	0,286
CHR9	9561224	CHR9:9561224	SSF x LoA	-9,905	-0,038	0,294

CHR9	9561261	CHR9:9561261	SSF x LoA	-10,442	0,021	0,297
CHR9	956393	CHR9:956393	SSF x LoA	-9,756	-0,014	0,282
CHR9	956411	CHR9:956411	SSF x LoA	-3,367	0,233	0,277
CHR9	956691	CHR9:956691	SSF x LoA	-7,285	0,184	0,284
CHR9	9571079	CHR9:9571079	SSF x LoA	-9,612	-0,050	0,297
CHR9	9571131	CHR9:9571131	SSF x LoA	-8,442	-0,037	0,285
CHR9	9571150	CHR9:9571150	SSF x LoA	-11,115	-0,047	0,285
CHR9	9579957	CHR9:9579957	SSF x LoA	-10,980	0,101	0,286
CHR9	9602379	CHR9:9602379	SSF x LoA	-9,065	0,085	0,284
CHR9	9602435	CHR9:9602435	SSF x LoA	-8,859	-0,054	0,299
CHR9	9602459	CHR9:9602459	SSF x LoA	-9,703	0,058	0,289
CHR9	9602534	CHR9:9602534	SSF x LoA	-9,616	-0,026	0,300
CHR9	9610495	CHR9:9610495	SSF x LoA	-3,537	0,138	0,270
CHR9	9610501	CHR9:9610501	SSF x LoA	-7,285	0,120	0,294
CHR9	9610505	CHR9:9610505	SSF x LoA	-9,202	-0,011	0,269
CHR9	9618730	CHR9:9618730	SSF x LoA	-9,698	-0,027	0,286
CHR9	9618845	CHR9:9618845	SSF x LoA	-7,117	0,101	0,300
CHR9	9618962	CHR9:9618962	SSF x LoA	-7,877	0,101	0,290
CHR9	9624774	CHR9:9624774	SSF x LoA	0,323	-0,285	0,258
CHR9	9624822	CHR9:9624822	SSF x LoA	-9,355	-0,082	0,293
CHR9	9637571	CHR9:9637571	SSF x LoA	-5,603	-0,096	0,284
CHR9	9637580	CHR9:9637580	SSF x LoA	-8,008	-0,114	0,292
CHR9	9637675	CHR9:9637675	SSF x LoA	-7,312	0,041	0,281
CHR9	9637724	CHR9:9637724	SSF x LoA	-10,029	-0,037	0,285
CHR9	9637735	CHR9:9637735	SSF x LoA	-10,149	0,000	0,299
CHR9	9637780	CHR9:9637780	SSF x LoA	-8,578	-0,020	0,297
CHR9	9672010	CHR9:9672010	SSF x LoA	-8,626	0,008	0,290
CHR9	9672034	CHR9:9672034	SSF x LoA	-9,121	0,015	0,282
CHR9	9672039	CHR9:9672039	SSF x LoA	-10,499	-0,007	0,286
CHR9	9674747	CHR9:9674747	SSF x LoA	-9,778	-0,140	0,268
CHR9	9674885	CHR9:9674885	SSF x LoA	-5,377	0,129	0,280
CHR9	967942	CHR9:967942	SSF x LoA	-9,863	-0,006	0,280
CHR9	9698622	CHR9:9698622	SSF x LoA	-8,189	0,072	0,287
CHR9	9698689	CHR9:9698689	SSF x LoA	-9,924	-0,040	0,284
CHR9	9698707	CHR9:9698707	SSF x LoA	-8,064	0,047	0,275
CHR9	9698773	CHR9:9698773	SSF x LoA	-8,071	0,048	0,288
CHR9	9698804	CHR9:9698804	SSF x LoA	-8,033	-0,025	0,292
CHR9	9698824	CHR9:9698824	SSF x LoA	-6,923	0,077	0,306
CHR9	9739462	CHR9:9739462	SSF x LoA	-8,620	-0,155	0,297
CHR9	9739467	CHR9:9739467	SSF x LoA	-10,148	-0,133	0,278
CHR9	9739603	CHR9:9739603	SSF x LoA	-9,996	-0,110	0,287
CHR9	9739645	CHR9:9739645	SSF x LoA	-9,503	-0,113	0,284
CHR9	9749297	CHR9:9749297	SSF x LoA	-9,497	0,082	0,293
CHR9	9749315	CHR9:9749315	SSF x LoA	-7,566	0,095	0,283
CHR9	9749338	CHR9:9749338	SSF x LoA	-7,636	0,094	0,291
CHR9	9749342	CHR9:9749342	SSF x LoA	-9,243	-0,089	0,281
CHR9	9749449	CHR9:9749449	SSF x LoA	-9,634	0,075	0,290
CHR9	9749450	CHR9:9749450	SSF x LoA	-8,386	-0,114	0,290
CHR9	9749457	CHR9:9749457	SSF x LoA	-9,258	0,091	0,302
CHR9	9749507	CHR9:9749507	SSF x LoA	-9,338	-0,045	0,286
CHR9	9763925	CHR9:9763925	SSF x LoA	-5,262	0,100	0,297
CHR9	976485	CHR9:976485	SSF x LoA	-5,029	-0,125	0,289
CHR9	9766333	CHR9:9766333	SSF x LoA	-6,711	-0,134	0,278

CHR9	9766371	CHR9:9766371	SSF x LoA	-10,242	0,073	0,293
CHR9	9773512	CHR9:9773512	SSF x LoA	-10,939	-0,022	0,292
CHR9	9773517	CHR9:9773517	SSF x LoA	-9,247	0,032	0,294
CHR9	9773614	CHR9:9773614	SSF x LoA	-7,019	0,148	0,292
CHR9	9792043	CHR9:9792043	SSF x LoA	-7,973	-0,128	0,292
CHR9	9792105	CHR9:9792105	SSF x LoA	-8,408	0,006	0,290
CHR9	9792199	CHR9:9792199	SSF x LoA	-4,997	0,204	0,266
CHR9	9796336	CHR9:9796336	SSF x LoA	-10,819	0,018	0,297
CHR9	9810736	CHR9:9810736	SSF x LoA	-9,455	-0,001	0,299
CHR9	9810737	CHR9:9810737	SSF x LoA	-9,994	-0,019	0,287
CHR9	9810835	CHR9:9810835	SSF x LoA	-10,084	-0,029	0,289
CHR9	9818910	CHR9:9818910	SSF x LoA	-10,973	-0,067	0,269
CHR9	9821902	CHR9:9821902	SSF x LoA	-8,902	0,003	0,279
CHR9	9821913	CHR9:9821913	SSF x LoA	-10,218	0,095	0,301
CHR9	9821930	CHR9:9821930	SSF x LoA	-8,393	0,083	0,288
CHR9	9821959	CHR9:9821959	SSF x LoA	-8,208	-0,060	0,290
CHR9	9831078	CHR9:9831078	SSF x LoA	-10,020	0,118	0,284
CHR9	983796	CHR9:983796	SSF x LoA	-8,357	0,154	0,275
CHR9	9846367	CHR9:9846367	SSF x LoA	-9,936	-0,023	0,297
CHR9	9847650	CHR9:9847650	SSF x LoA	-9,610	0,012	0,297
CHR9	9847678	CHR9:9847678	SSF x LoA	-7,273	-0,086	0,286
CHR9	9847767	CHR9:9847767	SSF x LoA	-11,008	-0,030	0,281
CHR9	985404	CHR9:985404	SSF x LoA	-8,097	0,021	0,298
CHR9	985422	CHR9:985422	SSF x LoA	-9,316	0,004	0,305
CHR9	9874503	CHR9:9874503	SSF x LoA	-9,439	-0,050	0,288
CHR9	9874531	CHR9:9874531	SSF x LoA	-8,080	0,018	0,298
CHR9	9874711	CHR9:9874711	SSF x LoA	-9,387	-0,003	0,295
CHR9	9874720	CHR9:9874720	SSF x LoA	-10,265	-0,094	0,266
CHR9	9892017	CHR9:9892017	SSF x LoA	-9,789	0,040	0,288
CHR9	9892041	CHR9:9892041	SSF x LoA	-10,468	-0,013	0,293
CHR9	9900608	CHR9:9900608	SSF x LoA	-10,665	-0,028	0,285
CHR9	9900695	CHR9:9900695	SSF x LoA	-5,688	-0,133	0,291
CHR9	990469	CHR9:990469	SSF x LoA	-10,573	-0,035	0,291
CHR9	9915530	CHR9:9915530	SSF x LoA	-8,729	-0,034	0,299
CHR9	9915685	CHR9:9915685	SSF x LoA	-11,037	0,004	0,301
CHR9	9922148	CHR9:9922148	SSF x LoA	-10,356	-0,071	0,291
CHR9	9922168	CHR9:9922168	SSF x LoA	-10,888	-0,040	0,282
CHR9	9922263	CHR9:9922263	SSF x LoA	-6,644	-0,153	0,268
CHR9	9937841	CHR9:9937841	SSF x LoA	-9,554	-0,019	0,302
CHR9	9937905	CHR9:9937905	SSF x LoA	-8,121	0,015	0,295
CHR9	9937991	CHR9:9937991	SSF x LoA	-11,405	-0,032	0,290
CHR9	9950059	CHR9:9950059	SSF x LoA	-10,984	-0,068	0,289
CHR9	9950111	CHR9:9950111	SSF x LoA	-10,537	-0,056	0,285
CHR9	9961995	CHR9:9961995	SSF x LoA	-8,145	-0,017	0,306
CHR9	9962012	CHR9:9962012	SSF x LoA	-8,362	0,066	0,285
CHR9	998054	CHR9:998054	SSF x LoA	-9,946	0,003	0,297
CHR9	998242	CHR9:998242	SSF x LoA	-8,503	-0,061	0,295
CHR9	9991460	CHR9:9991460	SSF x LoA	-10,436	0,100	0,288
CHR9	9998590	CHR9:9998590	SSF x LoA	-11,107	0,001	0,291
CHR9	9998852	CHR9:9998852	SSF x LoA	-8,925	-0,018	0,283
CHR10	1E+07	CHR10:1000000(	SSF x LoA	-9,459	0,078	0,283
CHR10	1E+07	CHR10:10002315	SSF x LoA	-9,464	-0,030	0,283
CHR10	1E+07	CHR10:1000234(	SSF x LoA	-8,801	-0,034	0,291

CHR10	1E+07	CHR10:10002353	SSF x LoA	-9,975	-0,081	0,279
CHR10	1E+07	CHR10:10002381	SSF x LoA	11,097	0,076	0,280
CHR10	1E+07	CHR10:10008923	SSF x LoA	-9,723	0,028	0,285
CHR10	1E+07	CHR10:10008986	SSF x LoA	-7,767	-0,009	0,302
CHR10	1E+07	CHR10:10008999	SSF x LoA	-7,279	0,003	0,299
CHR10	1E+07	CHR10:10009011	SSF x LoA	-10,086	-0,022	0,299
CHR10	1000906	CHR10:1000906	SSF x LoA	-10,493	0,059	0,288
CHR10	1E+07	CHR10:10009097	SSF x LoA	-8,055	0,076	0,280
CHR10	1000918	CHR10:1000918	SSF x LoA	-10,054	0,033	0,276
CHR10	1000930	CHR10:1000930	SSF x LoA	-8,099	-0,058	0,286
CHR10	1E+07	CHR10:10020421	SSF x LoA	-8,901	-0,160	0,271
CHR10	1E+07	CHR10:10020433	SSF x LoA	-10,499	-0,001	0,295
CHR10	1E+07	CHR10:10020512	SSF x LoA	-9,651	-0,032	0,294
CHR10	1E+07	CHR10:10020523	SSF x LoA	-10,099	0,023	0,299
CHR10	1E+07	CHR10:10020607	SSF x LoA	-7,169	-0,045	0,304
CHR10	1E+07	CHR10:10044066	SSF x LoA	-10,427	0,111	0,281
CHR10	1E+07	CHR10:1004429C	SSF x LoA	-7,974	-0,051	0,294
CHR10	1E+07	CHR10:10064845	SSF x LoA	-9,988	-0,049	0,282
CHR10	1E+07	CHR10:10064869	SSF x LoA	-8,310	0,075	0,268
CHR10	1E+07	CHR10:10064893	SSF x LoA	-6,868	0,113	0,276
CHR10	1E+07	CHR10:10065206	SSF x LoA	-10,710	0,096	0,287
CHR10	1E+07	CHR10:10086875	SSF x LoA	-9,383	-0,134	0,279
CHR10	1E+07	CHR10:10086974	SSF x LoA	-8,625	-0,079	0,317
CHR10	1E+07	CHR10:10097505	SSF x LoA	-8,694	-0,140	0,297
CHR10	1E+07	CHR10:10102014	SSF x LoA	-7,400	-0,107	0,287
CHR10	1E+07	CHR10:10102059	SSF x LoA	-9,833	0,009	0,284
CHR10	1E+07	CHR10:1010214C	SSF x LoA	-8,222	0,098	0,280
CHR10	1E+07	CHR10:10105264	SSF x LoA	-7,996	-0,073	0,285
CHR10	1E+07	CHR10:10105527	SSF x LoA	-7,410	-0,018	0,292
CHR10	1E+07	CHR10:10105533	SSF x LoA	-10,731	-0,085	0,291
CHR10	1E+07	CHR10:10111041	SSF x LoA	-8,675	-0,020	0,281
CHR10	1E+07	CHR10:10113797	SSF x LoA	-10,124	-0,016	0,296
CHR10	1E+07	CHR10:1013330C	SSF x LoA	-10,920	0,007	0,284
CHR10	1E+07	CHR10:10137697	SSF x LoA	-7,878	0,158	0,278
CHR10	1E+07	CHR10:10137708	SSF x LoA	-8,289	0,162	0,280
CHR10	1E+07	CHR10:10137783	SSF x LoA	-9,591	0,040	0,288
CHR10	1E+07	CHR10:10137815	SSF x LoA	-7,886	0,104	0,284
CHR10	1E+07	CHR10:10137833	SSF x LoA	-8,210	-0,179	0,290
CHR10	1E+07	CHR10:10138024	SSF x LoA	-11,021	0,075	0,279
CHR10	1E+07	CHR10:10142319	SSF x LoA	-8,675	-0,031	0,299
CHR10	1E+07	CHR10:10142326	SSF x LoA	-8,072	-0,038	0,301
CHR10	1E+07	CHR10:1014236C	SSF x LoA	-8,214	-0,049	0,294
CHR10	1E+07	CHR10:10142368	SSF x LoA	-8,522	0,007	0,295
CHR10	1E+07	CHR10:10142376	SSF x LoA	-8,162	-0,050	0,299
CHR10	1E+07	CHR10:10142381	SSF x LoA	-8,679	-0,053	0,287
CHR10	1E+07	CHR10:10142392	SSF x LoA	-10,462	-0,004	0,291
CHR10	1E+07	CHR10:10142417	SSF x LoA	-9,350	0,124	0,297
CHR10	1E+07	CHR10:10142456	SSF x LoA	-9,181	0,102	0,308
CHR10	1E+07	CHR10:10142496	SSF x LoA	-8,845	-0,012	0,289
CHR10	1E+07	CHR10:10142501	SSF x LoA	-8,792	-0,048	0,280
CHR10	1E+07	CHR10:10142531	SSF x LoA	-6,714	-0,048	0,298
CHR10	1E+07	CHR10:10142559	SSF x LoA	-9,043	-0,047	0,287
CHR10	1E+07	CHR10:10153032	SSF x LoA	-10,979	0,065	0,290

CHR10	1E+07	CHR10:10157336	SSF x LoA	-10,214	-0,092	0,286
CHR10	1E+07	CHR10:10159517	SSF x LoA	-10,716	0,009	0,276
CHR10	1E+07	CHR10:10159611	SSF x LoA	-9,545	0,159	0,285
CHR10	1E+07	CHR10:10159613	SSF x LoA	-11,152	-0,025	0,280
CHR10	1E+07	CHR10:10159656	SSF x LoA	-9,839	-0,030	0,294
CHR10	1E+07	CHR10:10159772	SSF x LoA	-8,252	-0,047	0,287
CHR10	1E+07	CHR10:10159775	SSF x LoA	-6,971	-0,040	0,296
CHR10	1E+07	CHR10:10159829	SSF x LoA	-6,006	0,023	0,290
CHR10	1E+07	CHR10:10193107	SSF x LoA	-10,368	0,094	0,294
CHR10	1E+07	CHR10:10202741	SSF x LoA	-7,175	0,107	0,272
CHR10	1E+07	CHR10:10202817	SSF x LoA	-8,084	0,048	0,279
CHR10	1E+07	CHR10:10207789	SSF x LoA	-5,367	0,174	0,286
CHR10	1E+07	CHR10:10207847	SSF x LoA	-6,108	0,159	0,278
CHR10	1E+07	CHR10:10207901	SSF x LoA	-8,039	0,101	0,280
CHR10	1E+07	CHR10:10207997	SSF x LoA	-10,712	-0,002	0,283
CHR10	1E+07	CHR10:10218097	SSF x LoA	-8,626	0,079	0,261
CHR10	1E+07	CHR10:10218198	SSF x LoA	-10,319	-0,050	0,275
CHR10	1E+07	CHR10:10218215	SSF x LoA	-8,281	0,049	0,260
CHR10	1E+07	CHR10:10218280	SSF x LoA	-8,140	-0,074	0,283
CHR10	1E+07	CHR10:10223950	SSF x LoA	-9,411	0,054	0,290
CHR10	1E+07	CHR10:10223967	SSF x LoA	-9,000	0,007	0,289
CHR10	1E+07	CHR10:10223968	SSF x LoA	-9,710	0,085	0,269
CHR10	1E+07	CHR10:10224002	SSF x LoA	-10,891	0,047	0,280
CHR10	1E+07	CHR10:10224211	SSF x LoA	-9,584	0,086	0,275
CHR10	1E+07	CHR10:10224320	SSF x LoA	-10,010	-0,070	0,301
CHR10	1E+07	CHR10:10224390	SSF x LoA	-8,168	0,062	0,281
CHR10	1E+07	CHR10:10224404	SSF x LoA	-11,441	-0,039	0,271
CHR10	1E+07	CHR10:10234511	SSF x LoA	-8,158	-0,015	0,297
CHR10	1E+07	CHR10:10234683	SSF x LoA	-8,262	-0,011	0,289
CHR10	1E+07	CHR10:10261053	SSF x LoA	-8,890	0,141	0,286
CHR10	1E+07	CHR10:10272925	SSF x LoA	-5,606	-0,093	0,283
CHR10	1E+07	CHR10:10273127	SSF x LoA	-9,406	0,057	0,306
CHR10	1E+07	CHR10:10273928	SSF x LoA	-8,346	0,070	0,271
CHR10	1E+07	CHR10:10273949	SSF x LoA	-9,078	-0,049	0,279
CHR10	1E+07	CHR10:10273950	SSF x LoA	-9,887	0,017	0,273
CHR10	1E+07	CHR10:10273975	SSF x LoA	-10,716	-0,067	0,292
CHR10	1E+07	CHR10:10300744	SSF x LoA	-10,518	0,044	0,296
CHR10	1E+07	CHR10:10301633	SSF x LoA	-9,816	-0,034	0,295
CHR10	1E+07	CHR10:10303388	SSF x LoA	-8,575	0,014	0,294
CHR10	1E+07	CHR10:10303448	SSF x LoA	-8,971	-0,025	0,303
CHR10	1E+07	CHR10:10308238	SSF x LoA	-10,207	-0,007	0,290
CHR10	1E+07	CHR10:10308283	SSF x LoA	-7,761	-0,018	0,294
CHR10	1E+07	CHR10:10308323	SSF x LoA	-7,641	-0,028	0,294
CHR10	1E+07	CHR10:10310073	SSF x LoA	-10,627	0,024	0,301
CHR10	1E+07	CHR10:10313114	SSF x LoA	-9,649	0,009	0,300
CHR10	1E+07	CHR10:10320001	SSF x LoA	-8,699	-0,056	0,294
CHR10	1032651	CHR10:1032651	SSF x LoA	-11,000	0,050	0,286
CHR10	1032745	CHR10:1032745	SSF x LoA	-7,790	0,000	0,290
CHR10	1E+07	CHR10:10348993	SSF x LoA	-11,469	0,037	0,284
CHR10	1E+07	CHR10:10349015	SSF x LoA	-6,831	-0,106	0,279
CHR10	1E+07	CHR10:10349040	SSF x LoA	-4,729	0,215	0,284
CHR10	1E+07	CHR10:10354458	SSF x LoA	-0,725	0,191	0,275
CHR10	1E+07	CHR10:10358294	SSF x LoA	-9,694	0,028	0,313

CHR10	1E+07	CHR10:10360925	SSF x LoA	-9,630	0,040	0,302
CHR10	1E+07	CHR10:10361056	SSF x LoA	-9,039	-0,128	0,285
CHR10	1E+07	CHR10:10441003	SSF x LoA	-9,335	0,074	0,301
CHR10	1E+07	CHR10:10445977	SSF x LoA	-7,996	0,051	0,288
CHR10	1E+07	CHR10:10445981	SSF x LoA	-7,986	-0,030	0,284
CHR10	1E+07	CHR10:10462172	SSF x LoA	-9,290	-0,043	0,289
CHR10	1E+07	CHR10:10462204	SSF x LoA	-8,934	-0,021	0,296
CHR10	1E+07	CHR10:10462234	SSF x LoA	-8,815	-0,034	0,294
CHR10	1E+07	CHR10:10474801	SSF x LoA	-10,714	0,065	0,282
CHR10	1E+07	CHR10:10494283	SSF x LoA	-3,405	0,095	0,278
CHR10	1E+07	CHR10:10494390	SSF x LoA	-7,781	0,058	0,283
CHR10	1E+07	CHR10:10494517	SSF x LoA	-6,612	0,077	0,284
CHR10	10525087	CHR10:10525087	SSF x LoA	-7,953	0,008	0,292
CHR10	10525218	CHR10:10525218	SSF x LoA	-8,517	-0,017	0,299
CHR10	10525257	CHR10:10525257	SSF x LoA	-4,936	0,076	0,281
CHR10	10572407	CHR10:10572407	SSF x LoA	-9,040	0,172	0,290
CHR10	10573133	CHR10:10573133	SSF x LoA	-11,001	0,030	0,287
CHR10	10573197	CHR10:10573197	SSF x LoA	-10,416	0,115	0,291
CHR10	10603901	CHR10:10603901	SSF x LoA	-8,947	0,027	0,282
CHR10	10612089	CHR10:10612089	SSF x LoA	-9,990	-0,099	0,285
CHR10	10612422	CHR10:10612422	SSF x LoA	-7,390	0,091	0,282
CHR10	10617726	CHR10:10617726	SSF x LoA	-10,009	0,062	0,293
CHR10	10623501	CHR10:10623501	SSF x LoA	-7,814	-0,119	0,287
CHR10	10623517	CHR10:10623517	SSF x LoA	-7,148	0,139	0,273
CHR10	10623653	CHR10:10623653	SSF x LoA	-6,113	-0,135	0,296
CHR10	10633708	CHR10:10633708	SSF x LoA	-8,399	0,102	0,282
CHR10	10633761	CHR10:10633761	SSF x LoA	-9,595	-0,108	0,278
CHR10	10633863	CHR10:10633863	SSF x LoA	-10,418	0,025	0,295
CHR10	10633871	CHR10:10633871	SSF x LoA	-7,891	0,018	0,290
CHR10	10633896	CHR10:10633896	SSF x LoA	-6,916	-0,012	0,286
CHR10	10633916	CHR10:10633916	SSF x LoA	-10,701	-0,093	0,295
CHR10	10633949	CHR10:10633949	SSF x LoA	-8,978	0,057	0,285
CHR10	10633981	CHR10:10633981	SSF x LoA	-9,134	0,052	0,282
CHR10	10647858	CHR10:10647858	SSF x LoA	-9,670	-0,075	0,288
CHR10	10648040	CHR10:10648040	SSF x LoA	-10,671	-0,050	0,278
CHR10	10648156	CHR10:10648156	SSF x LoA	-7,521	0,047	0,275
CHR10	10649726	CHR10:10649726	SSF x LoA	-9,485	0,020	0,303
CHR10	10649770	CHR10:10649770	SSF x LoA	-11,082	0,040	0,294
CHR10	10649821	CHR10:10649821	SSF x LoA	-3,560	-0,149	0,302
CHR10	10649830	CHR10:10649830	SSF x LoA	-3,368	-0,190	0,288
CHR10	10665101	CHR10:10665101	SSF x LoA	-8,344	-0,093	0,288
CHR10	10665102	CHR10:10665102	SSF x LoA	-7,388	-0,091	0,296
CHR10	1066831	CHR10:1066831	SSF x LoA	-9,045	0,037	0,290
CHR10	10668522	CHR10:10668522	SSF x LoA	-2,267	0,104	0,279
CHR10	10668655	CHR10:10668655	SSF x LoA	-8,739	0,106	0,291
CHR10	10668665	CHR10:10668665	SSF x LoA	-7,980	-0,066	0,282
CHR10	10668695	CHR10:10668695	SSF x LoA	-9,900	-0,025	0,282
CHR10	1066976	CHR10:1066976	SSF x LoA	-7,986	-0,188	0,270
CHR10	1067007	CHR10:1067007	SSF x LoA	-7,480	0,020	0,287
CHR10	1067034	CHR10:1067034	SSF x LoA	-9,016	0,063	0,292
CHR10	10686349	CHR10:10686349	SSF x LoA	-8,236	-0,065	0,295
CHR10	10686413	CHR10:10686413	SSF x LoA	-9,639	-0,003	0,307
CHR10	10686441	CHR10:10686441	SSF x LoA	-9,999	-0,004	0,295

CHR10	10686521	CHR10:10686521	SSF x LoA	-6,379	0,113	0,289
CHR10	10688063	CHR10:10688063	SSF x LoA	-7,137	-0,085	0,275
CHR10	10688223	CHR10:10688223	SSF x LoA	-8,881	0,015	0,290
CHR10	10688272	CHR10:10688272	SSF x LoA	-8,390	-0,021	0,283
CHR10	10688313	CHR10:10688313	SSF x LoA	-9,346	0,020	0,284
CHR10	10728693	CHR10:10728693	SSF x LoA	-8,106	-0,100	0,288
CHR10	10729093	CHR10:10729093	SSF x LoA	-9,299	0,041	0,290
CHR10	10729162	CHR10:10729162	SSF x LoA	-10,175	-0,014	0,279
CHR10	10729223	CHR10:10729223	SSF x LoA	-10,652	0,052	0,292
CHR10	10729235	CHR10:10729235	SSF x LoA	-10,031	-0,030	0,288
CHR10	10729266	CHR10:10729266	SSF x LoA	-9,031	0,047	0,280
CHR10	10729274	CHR10:10729274	SSF x LoA	-8,620	-0,119	0,282
CHR10	10746667	CHR10:10746667	SSF x LoA	-10,536	0,052	0,275
CHR10	10746675	CHR10:10746675	SSF x LoA	-8,365	-0,016	0,290
CHR10	10746824	CHR10:10746824	SSF x LoA	-10,621	-0,089	0,288
CHR10	10746844	CHR10:10746844	SSF x LoA	-11,102	0,056	0,284
CHR10	10746911	CHR10:10746911	SSF x LoA	-10,384	-0,120	0,284
CHR10	10747000	CHR10:10747000	SSF x LoA	-10,710	-0,001	0,291
CHR10	10747024	CHR10:10747024	SSF x LoA	-9,397	0,004	0,285
CHR10	10747044	CHR10:10747044	SSF x LoA	-8,676	-0,027	0,286
CHR10	10765914	CHR10:10765914	SSF x LoA	-10,468	-0,027	0,284
CHR10	10766003	CHR10:10766003	SSF x LoA	-8,080	0,103	0,267
CHR10	10775052	CHR10:10775052	SSF x LoA	0,606	-0,127	0,287
CHR10	10775219	CHR10:10775219	SSF x LoA	-7,862	-0,013	0,295
CHR10	10775222	CHR10:10775222	SSF x LoA	-6,815	-0,121	0,288
CHR10	10775338	CHR10:10775338	SSF x LoA	-5,739	0,117	0,291
CHR10	10793111	CHR10:10793111	SSF x LoA	-8,046	-0,041	0,300
CHR10	10793160	CHR10:10793160	SSF x LoA	-7,064	-0,007	0,305
CHR10	10793244	CHR10:10793244	SSF x LoA	-7,898	0,095	0,298
CHR10	10793299	CHR10:10793299	SSF x LoA	-8,281	0,121	0,284
CHR10	10800557	CHR10:10800557	SSF x LoA	-5,062	-0,224	0,268
CHR10	10808975	CHR10:10808975	SSF x LoA	-9,248	-0,036	0,276
CHR10	10809103	CHR10:10809103	SSF x LoA	-10,135	-0,074	0,301
CHR10	1081987	CHR10:1081987	SSF x LoA	-10,485	0,003	0,293
CHR10	1081989	CHR10:1081989	SSF x LoA	-8,568	0,045	0,303
CHR10	1082000	CHR10:1082000	SSF x LoA	-7,738	0,065	0,287
CHR10	1082029	CHR10:1082029	SSF x LoA	-8,686	-0,082	0,281
CHR10	1082122	CHR10:1082122	SSF x LoA	-7,350	0,062	0,282
CHR10	10821633	CHR10:10821633	SSF x LoA	-10,340	0,034	0,294
CHR10	10839810	CHR10:10839810	SSF x LoA	-6,083	0,110	0,292
CHR10	10839844	CHR10:10839844	SSF x LoA	1,418	-0,124	0,275
CHR10	10839928	CHR10:10839928	SSF x LoA	-7,788	0,069	0,293
CHR10	10839934	CHR10:10839934	SSF x LoA	-6,988	0,063	0,287
CHR10	10839972	CHR10:10839972	SSF x LoA	-10,244	0,001	0,298
CHR10	10839989	CHR10:10839989	SSF x LoA	-8,677	0,073	0,293
CHR10	10859879	CHR10:10859879	SSF x LoA	-6,102	0,116	0,297
CHR10	10860065	CHR10:10860065	SSF x LoA	-9,227	-0,121	0,283
CHR10	10860106	CHR10:10860106	SSF x LoA	-8,813	0,019	0,288
CHR10	10860207	CHR10:10860207	SSF x LoA	-10,010	0,134	0,281
CHR10	10868146	CHR10:10868146	SSF x LoA	-2,649	-0,219	0,256
CHR10	10870184	CHR10:10870184	SSF x LoA	-8,286	-0,066	0,282
CHR10	10870294	CHR10:10870294	SSF x LoA	-4,608	0,156	0,298
CHR10	10870301	CHR10:10870301	SSF x LoA	-9,179	-0,083	0,286

CHR10	10873842	CHR10:10873842	SSF x LoA	-10,154	0,112	0,288
CHR10	10873952	CHR10:10873952	SSF x LoA	-9,202	0,060	0,292
CHR10	10882487	CHR10:10882487	SSF x LoA	-2,456	-0,196	0,284
CHR10	10882508	CHR10:10882508	SSF x LoA	-4,283	-0,183	0,268
CHR10	10892498	CHR10:10892498	SSF x LoA	-10,394	-0,051	0,296
CHR10	1091008	CHR10:1091008	SSF x LoA	-5,699	0,045	0,284
CHR10	10928361	CHR10:10928361	SSF x LoA	-6,834	0,072	0,296
CHR10	10928470	CHR10:10928470	SSF x LoA	-6,633	0,061	0,295
CHR10	10928548	CHR10:10928548	SSF x LoA	-10,063	-0,022	0,288
CHR10	10940201	CHR10:10940201	SSF x LoA	-8,063	0,045	0,305
CHR10	10940229	CHR10:10940229	SSF x LoA	-8,460	0,021	0,306
CHR10	10947388	CHR10:10947388	SSF x LoA	-8,459	-0,037	0,291
CHR10	1095525	CHR10:1095525	SSF x LoA	-10,966	-0,044	0,290
CHR10	1095548	CHR10:1095548	SSF x LoA	-8,695	0,067	0,289
CHR10	1095558	CHR10:1095558	SSF x LoA	-10,186	-0,066	0,275
CHR10	1095611	CHR10:1095611	SSF x LoA	-8,847	-0,174	0,279
CHR10	1095678	CHR10:1095678	SSF x LoA	-11,625	0,026	0,290
CHR10	1095680	CHR10:1095680	SSF x LoA	-9,264	-0,055	0,304
CHR10	1095711	CHR10:1095711	SSF x LoA	-8,028	0,009	0,294
CHR10	1095718	CHR10:1095718	SSF x LoA	-9,736	-0,003	0,291
CHR10	10974020	CHR10:10974020	SSF x LoA	-8,611	0,071	0,277
CHR10	10974165	CHR10:10974165	SSF x LoA	-4,767	-0,123	0,288
CHR10	10996054	CHR10:10996054	SSF x LoA	-8,184	-0,071	0,293
CHR10	11014541	CHR10:11014541	SSF x LoA	-8,930	0,007	0,287
CHR10	11025184	CHR10:11025184	SSF x LoA	-5,493	-0,052	0,263
CHR10	11030328	CHR10:11030328	SSF x LoA	-3,930	-0,226	0,281
CHR10	11038638	CHR10:11038638	SSF x LoA	-8,152	-0,029	0,309
CHR10	11055023	CHR10:11055023	SSF x LoA	-7,069	-0,152	0,292
CHR10	11055071	CHR10:11055071	SSF x LoA	-7,277	-0,178	0,279
CHR10	11055130	CHR10:11055130	SSF x LoA	-6,570	0,144	0,271
CHR10	11055335	CHR10:11055335	SSF x LoA	-9,900	0,010	0,288
CHR10	11074462	CHR10:11074462	SSF x LoA	-10,664	-0,055	0,283
CHR10	11080364	CHR10:11080364	SSF x LoA	-6,675	-0,130	0,278
CHR10	11080463	CHR10:11080463	SSF x LoA	-7,578	-0,118	0,287
CHR10	11084578	CHR10:11084578	SSF x LoA	-8,397	0,055	0,304
CHR10	11084765	CHR10:11084765	SSF x LoA	-8,998	-0,030	0,284
CHR10	11089686	CHR10:11089686	SSF x LoA	-4,211	0,107	0,282
CHR10	11099433	CHR10:11099433	SSF x LoA	-9,583	0,024	0,298
CHR10	11099461	CHR10:11099461	SSF x LoA	-9,851	0,009	0,294
CHR10	11099489	CHR10:11099489	SSF x LoA	-6,259	0,031	0,286
CHR10	11104731	CHR10:11104731	SSF x LoA	-8,227	0,003	0,288
CHR10	11111260	CHR10:11111260	SSF x LoA	-3,150	0,105	0,296
CHR10	11126188	CHR10:11126188	SSF x LoA	-7,895	0,049	0,289
CHR10	11126307	CHR10:11126307	SSF x LoA	-6,952	-0,012	0,296
CHR10	11126309	CHR10:11126309	SSF x LoA	-8,402	-0,011	0,295
CHR10	11126366	CHR10:11126366	SSF x LoA	-6,988	-0,021	0,291
CHR10	11126427	CHR10:11126427	SSF x LoA	-8,534	-0,050	0,289
CHR10	1112887	CHR10:1112887	SSF x LoA	-8,285	-0,063	0,285
CHR10	1113168	CHR10:1113168	SSF x LoA	-11,269	-0,040	0,290
CHR10	11135152	CHR10:11135152	SSF x LoA	-9,236	0,069	0,295
CHR10	11135176	CHR10:11135176	SSF x LoA	-5,957	-0,034	0,289
CHR10	11149758	CHR10:11149758	SSF x LoA	-9,861	0,070	0,304
CHR10	11153287	CHR10:11153287	SSF x LoA	-9,169	0,027	0,299

CHR10	11153302	CHR10:11153302	SSF x LoA	-8,583	0,020	0,308
CHR10	11153453	CHR10:11153453	SSF x LoA	-10,250	0,057	0,295
CHR10	11165735	CHR10:11165735	SSF x LoA	-3,821	-0,225	0,285
CHR10	11218058	CHR10:11218058	SSF x LoA	-7,522	-0,072	0,303
CHR10	1124030	CHR10:1124030	SSF x LoA	-8,552	0,001	0,282
CHR10	1124034	CHR10:1124034	SSF x LoA	-8,038	0,082	0,291
CHR10	1124278	CHR10:1124278	SSF x LoA	-8,299	0,004	0,297
CHR10	11252726	CHR10:11252726	SSF x LoA	-8,652	0,040	0,280
CHR10	11252753	CHR10:11252753	SSF x LoA	-8,327	0,073	0,287
CHR10	11252903	CHR10:11252903	SSF x LoA	-8,095	0,065	0,283
CHR10	11252905	CHR10:11252905	SSF x LoA	-8,523	0,072	0,281
CHR10	11269614	CHR10:11269614	SSF x LoA	-7,201	-0,123	0,270
CHR10	1156038	CHR10:1156038	SSF x LoA	-9,919	0,039	0,276
CHR10	1156064	CHR10:1156064	SSF x LoA	-8,752	0,029	0,265
CHR10	1191499	CHR10:1191499	SSF x LoA	-8,311	0,002	0,289
CHR10	1191946	CHR10:1191946	SSF x LoA	-5,603	0,118	0,285
CHR10	1191954	CHR10:1191954	SSF x LoA	-9,663	-0,128	0,273
CHR10	1236422	CHR10:1236422	SSF x LoA	-7,516	-0,020	0,288
CHR10	1236486	CHR10:1236486	SSF x LoA	-8,663	-0,017	0,283
CHR10	1248912	CHR10:1248912	SSF x LoA	-3,136	-0,128	0,265
CHR10	1262452	CHR10:1262452	SSF x LoA	-8,408	0,008	0,274
CHR10	1262453	CHR10:1262453	SSF x LoA	-9,243	0,005	0,290
CHR10	1262462	CHR10:1262462	SSF x LoA	-9,804	0,020	0,276
CHR10	1286953	CHR10:1286953	SSF x LoA	-9,237	0,010	0,300
CHR10	1321728	CHR10:1321728	SSF x LoA	-8,426	0,023	0,284
CHR10	1342465	CHR10:1342465	SSF x LoA	-7,402	-0,141	0,271
CHR10	1342473	CHR10:1342473	SSF x LoA	-9,434	-0,111	0,287
CHR10	1342490	CHR10:1342490	SSF x LoA	-10,098	-0,028	0,296
CHR10	1342509	CHR10:1342509	SSF x LoA	-8,366	0,118	0,268
CHR10	1342525	CHR10:1342525	SSF x LoA	-9,608	-0,023	0,291
CHR10	1342532	CHR10:1342532	SSF x LoA	-7,172	-0,111	0,265
CHR10	1342560	CHR10:1342560	SSF x LoA	-11,159	0,053	0,277
CHR10	1342561	CHR10:1342561	SSF x LoA	-7,191	0,128	0,289
CHR10	1343471	CHR10:1343471	SSF x LoA	-9,173	-0,089	0,282
CHR10	1344840	CHR10:1344840	SSF x LoA	-9,920	-0,102	0,289
CHR10	1344883	CHR10:1344883	SSF x LoA	-8,041	-0,118	0,296
CHR10	1344901	CHR10:1344901	SSF x LoA	-8,959	-0,164	0,295
CHR10	1344917	CHR10:1344917	SSF x LoA	-8,352	0,014	0,297
CHR10	1350915	CHR10:1350915	SSF x LoA	-10,040	-0,048	0,284
CHR10	1351152	CHR10:1351152	SSF x LoA	-8,734	0,006	0,285
CHR10	1351384	CHR10:1351384	SSF x LoA	-5,675	-0,187	0,277
CHR10	1354183	CHR10:1354183	SSF x LoA	-6,484	0,155	0,292
CHR10	1354255	CHR10:1354255	SSF x LoA	-6,834	0,144	0,288
CHR10	1362433	CHR10:1362433	SSF x LoA	-9,588	-0,111	0,269
CHR10	1362484	CHR10:1362484	SSF x LoA	-9,188	-0,061	0,294
CHR10	13656588	CHR10:13656588	SSF x LoA	-9,581	-0,096	0,281
CHR10	13713692	CHR10:13713692	SSF x LoA	-9,242	0,100	0,302
CHR10	1371441	CHR10:1371441	SSF x LoA	-9,549	-0,033	0,282
CHR10	1374686	CHR10:1374686	SSF x LoA	-10,588	0,099	0,297
CHR10	1374752	CHR10:1374752	SSF x LoA	-4,861	-0,219	0,277
CHR10	1374753	CHR10:1374753	SSF x LoA	-6,577	-0,201	0,281
CHR10	1374756	CHR10:1374756	SSF x LoA	-6,039	-0,221	0,273
CHR10	1374834	CHR10:1374834	SSF x LoA	-0,222	0,149	0,280

CHR10	13769941	CHR10:13769941	SSF x LoA	-10,651	-0,048	0,281
CHR10	13791236	CHR10:13791236	SSF x LoA	-5,969	-0,069	0,290
CHR10	13791404	CHR10:13791404	SSF x LoA	-10,455	0,007	0,278
CHR10	13792588	CHR10:13792588	SSF x LoA	-8,218	0,053	0,302
CHR10	13792783	CHR10:13792783	SSF x LoA	-8,733	-0,182	0,280
CHR10	13792784	CHR10:13792784	SSF x LoA	-11,205	0,016	0,301
CHR10	13806277	CHR10:13806277	SSF x LoA	-9,206	0,045	0,279
CHR10	13806340	CHR10:13806340	SSF x LoA	-9,894	-0,068	0,287
CHR10	13813886	CHR10:13813886	SSF x LoA	-9,684	0,008	0,285
CHR10	13813927	CHR10:13813927	SSF x LoA	-9,811	0,026	0,280
CHR10	13813953	CHR10:13813953	SSF x LoA	-9,989	0,045	0,300
CHR10	13824893	CHR10:13824893	SSF x LoA	-10,425	0,051	0,302
CHR10	13825084	CHR10:13825084	SSF x LoA	-5,498	0,073	0,301
CHR10	13828499	CHR10:13828499	SSF x LoA	-9,346	0,040	0,294
CHR10	13828523	CHR10:13828523	SSF x LoA	-8,208	0,038	0,298
CHR10	13851221	CHR10:13851221	SSF x LoA	-9,260	0,049	0,303
CHR10	13851226	CHR10:13851226	SSF x LoA	-9,081	0,034	0,301
CHR10	13851227	CHR10:13851227	SSF x LoA	-8,420	0,000	0,291
CHR10	13851247	CHR10:13851247	SSF x LoA	-10,977	0,031	0,290
CHR10	13851249	CHR10:13851249	SSF x LoA	-10,186	0,018	0,304
CHR10	13851272	CHR10:13851272	SSF x LoA	-9,376	0,016	0,294
CHR10	13863832	CHR10:13863832	SSF x LoA	-7,701	0,002	0,293
CHR10	13875824	CHR10:13875824	SSF x LoA	-7,563	-0,085	0,284
CHR10	13875838	CHR10:13875838	SSF x LoA	-9,807	-0,070	0,273
CHR10	13875882	CHR10:13875882	SSF x LoA	-9,119	-0,108	0,295
CHR10	13875906	CHR10:13875906	SSF x LoA	-7,617	0,083	0,299
CHR10	13877060	CHR10:13877060	SSF x LoA	-9,627	-0,045	0,286
CHR10	13885820	CHR10:13885820	SSF x LoA	-8,197	0,030	0,282
CHR10	13895026	CHR10:13895026	SSF x LoA	-5,626	-0,079	0,282
CHR10	13929713	CHR10:13929713	SSF x LoA	-5,831	0,114	0,295
CHR10	13934133	CHR10:13934133	SSF x LoA	-8,854	-0,076	0,274
CHR10	13934982	CHR10:13934982	SSF x LoA	-11,987	-0,052	0,274
CHR10	13935118	CHR10:13935118	SSF x LoA	-7,408	0,133	0,284
CHR10	13944573	CHR10:13944573	SSF x LoA	-10,484	0,025	0,290
CHR10	13944669	CHR10:13944669	SSF x LoA	-10,966	-0,046	0,282
CHR10	13944707	CHR10:13944707	SSF x LoA	-8,782	0,000	0,274
CHR10	13944721	CHR10:13944721	SSF x LoA	-10,263	-0,033	0,290
CHR10	13944793	CHR10:13944793	SSF x LoA	-10,211	-0,047	0,293
CHR10	13963304	CHR10:13963304	SSF x LoA	-8,076	-0,034	0,293
CHR10	1398126	CHR10:1398126	SSF x LoA	-9,192	-0,065	0,295
CHR10	1398141	CHR10:1398141	SSF x LoA	-7,996	-0,075	0,282
CHR10	1398305	CHR10:1398305	SSF x LoA	-9,882	-0,058	0,300
CHR10	1398311	CHR10:1398311	SSF x LoA	-10,235	-0,004	0,280
CHR10	1398389	CHR10:1398389	SSF x LoA	-6,116	0,038	0,301
CHR10	13987043	CHR10:13987043	SSF x LoA	-9,074	-0,043	0,296
CHR10	14000367	CHR10:14000367	SSF x LoA	-8,941	0,063	0,294
CHR10	14000492	CHR10:14000492	SSF x LoA	-8,286	0,069	0,285
CHR10	14026483	CHR10:14026483	SSF x LoA	-7,751	0,129	0,288
CHR10	14026655	CHR10:14026655	SSF x LoA	-7,484	-0,102	0,277
CHR10	14026702	CHR10:14026702	SSF x LoA	-10,163	-0,041	0,296
CHR10	14029313	CHR10:14029313	SSF x LoA	-8,155	-0,024	0,296
CHR10	14029388	CHR10:14029388	SSF x LoA	-7,480	-0,124	0,300
CHR10	14029431	CHR10:14029431	SSF x LoA	-8,585	-0,072	0,291

CHR10	14029474	CHR10:14029474	SSF x LoA	-8,819	0,043	0,274
CHR10	14029498	CHR10:14029498	SSF x LoA	-9,416	0,069	0,281
CHR10	14029522	CHR10:14029522	SSF x LoA	-8,413	0,047	0,296
CHR10	14029591	CHR10:14029591	SSF x LoA	-4,084	-0,150	0,296
CHR10	14056964	CHR10:14056964	SSF x LoA	-7,280	0,019	0,298
CHR10	14057815	CHR10:14057815	SSF x LoA	-8,859	0,125	0,292
CHR10	14057886	CHR10:14057886	SSF x LoA	-9,603	0,068	0,280
CHR10	14061814	CHR10:14061814	SSF x LoA	-8,553	-0,052	0,287
CHR10	14063166	CHR10:14063166	SSF x LoA	-11,255	-0,086	0,287
CHR10	14063199	CHR10:14063199	SSF x LoA	-9,745	0,024	0,293
CHR10	14063209	CHR10:14063209	SSF x LoA	-9,468	0,032	0,282
CHR10	14063213	CHR10:14063213	SSF x LoA	-9,749	0,022	0,293
CHR10	14063318	CHR10:14063318	SSF x LoA	-8,110	-0,051	0,297
CHR10	14063338	CHR10:14063338	SSF x LoA	-10,477	-0,094	0,297
CHR10	14063390	CHR10:14063390	SSF x LoA	-6,939	-0,101	0,289
CHR10	1407785	CHR10:1407785	SSF x LoA	-5,950	-0,122	0,275
CHR10	1407797	CHR10:1407797	SSF x LoA	-10,414	-0,055	0,289
CHR10	1407852	CHR10:1407852	SSF x LoA	-7,249	0,008	0,314
CHR10	1407858	CHR10:1407858	SSF x LoA	-8,918	0,118	0,288
CHR10	1407945	CHR10:1407945	SSF x LoA	-7,407	0,067	0,289
CHR10	14096118	CHR10:14096118	SSF x LoA	-8,553	-0,129	0,279
CHR10	14096164	CHR10:14096164	SSF x LoA	-7,655	0,023	0,286
CHR10	14115341	CHR10:14115341	SSF x LoA	-8,625	-0,008	0,283
CHR10	14122426	CHR10:14122426	SSF x LoA	-7,189	-0,082	0,305
CHR10	14122459	CHR10:14122459	SSF x LoA	-7,944	-0,086	0,288
CHR10	1412306	CHR10:1412306	SSF x LoA	-5,276	-0,127	0,292
CHR10	1412475	CHR10:1412475	SSF x LoA	-8,715	-0,082	0,291
CHR10	1412499	CHR10:1412499	SSF x LoA	-8,953	0,013	0,302
CHR10	14128083	CHR10:14128083	SSF x LoA	-11,205	0,085	0,276
CHR10	14128202	CHR10:14128202	SSF x LoA	-9,477	0,109	0,297
CHR10	14128205	CHR10:14128205	SSF x LoA	-6,497	-0,152	0,274
CHR10	14128217	CHR10:14128217	SSF x LoA	-6,828	-0,136	0,280
CHR10	14128407	CHR10:14128407	SSF x LoA	-8,004	0,182	0,283
CHR10	14128453	CHR10:14128453	SSF x LoA	-5,047	-0,122	0,287
CHR10	14128454	CHR10:14128454	SSF x LoA	-8,647	0,031	0,286
CHR10	14144456	CHR10:14144456	SSF x LoA	-6,466	0,109	0,289
CHR10	14144494	CHR10:14144494	SSF x LoA	-0,143	-0,146	0,281
CHR10	14151566	CHR10:14151566	SSF x LoA	-6,926	-0,130	0,256
CHR10	14165165	CHR10:14165165	SSF x LoA	-8,479	-0,038	0,282
CHR10	14165264	CHR10:14165264	SSF x LoA	-10,299	-0,103	0,285
CHR10	14165270	CHR10:14165270	SSF x LoA	-8,588	0,001	0,283
CHR10	14165295	CHR10:14165295	SSF x LoA	-9,351	-0,118	0,283
CHR10	14165402	CHR10:14165402	SSF x LoA	-5,926	0,183	0,276
CHR10	14165412	CHR10:14165412	SSF x LoA	-8,912	0,181	0,273
CHR10	14165415	CHR10:14165415	SSF x LoA	-4,598	0,208	0,282
CHR10	14174193	CHR10:14174193	SSF x LoA	-9,765	0,078	0,291
CHR10	1417549	CHR10:1417549	SSF x LoA	-10,293	0,028	0,287
CHR10	1417563	CHR10:1417563	SSF x LoA	-4,666	-0,244	0,289
CHR10	1417575	CHR10:1417575	SSF x LoA	-5,658	-0,121	0,298
CHR10	1417580	CHR10:1417580	SSF x LoA	-5,762	0,145	0,288
CHR10	1417606	CHR10:1417606	SSF x LoA	-6,395	0,190	0,294
CHR10	1417609	CHR10:1417609	SSF x LoA	-5,388	0,137	0,288
CHR10	1417613	CHR10:1417613	SSF x LoA	-7,677	0,131	0,283

CHR10	1417631	CHR10:1417631	SSF x LoA	-7,413	0,078	0,301
CHR10	1417658	CHR10:1417658	SSF x LoA	-6,820	-0,179	0,271
CHR10	1417664	CHR10:1417664	SSF x LoA	-7,677	0,153	0,285
CHR10	1417706	CHR10:1417706	SSF x LoA	-8,225	0,076	0,306
CHR10	1417726	CHR10:1417726	SSF x LoA	-9,305	-0,045	0,299
CHR10	14186057	CHR10:14186057	SSF x LoA	-8,661	-0,046	0,295
CHR10	14186273	CHR10:14186273	SSF x LoA	-8,128	-0,160	0,279
CHR10	14186297	CHR10:14186297	SSF x LoA	-7,499	-0,182	0,289
CHR10	14186298	CHR10:14186298	SSF x LoA	-8,606	-0,129	0,282
CHR10	14190103	CHR10:14190103	SSF x LoA	-10,387	-0,063	0,290
CHR10	14190157	CHR10:14190157	SSF x LoA	-2,992	-0,177	0,295
CHR10	14193081	CHR10:14193081	SSF x LoA	-9,672	0,075	0,295
CHR10	14197725	CHR10:14197725	SSF x LoA	-8,007	-0,034	0,305
CHR10	14198634	CHR10:14198634	SSF x LoA	-10,248	-0,057	0,297
CHR10	14198675	CHR10:14198675	SSF x LoA	-10,627	-0,059	0,288
CHR10	14198714	CHR10:14198714	SSF x LoA	-8,068	-0,085	0,282
CHR10	14209355	CHR10:14209355	SSF x LoA	-8,533	-0,121	0,287
CHR10	14215180	CHR10:14215180	SSF x LoA	-7,142	-0,164	0,281
CHR10	14215341	CHR10:14215341	SSF x LoA	-8,937	-0,126	0,273
CHR10	14216687	CHR10:14216687	SSF x LoA	-9,867	-0,016	0,291
CHR10	14216782	CHR10:14216782	SSF x LoA	-10,285	0,016	0,303
CHR10	14216803	CHR10:14216803	SSF x LoA	-10,300	-0,162	0,268
CHR10	14216814	CHR10:14216814	SSF x LoA	-5,769	0,112	0,291
CHR10	14242240	CHR10:14242240	SSF x LoA	-8,672	-0,036	0,295
CHR10	14252519	CHR10:14252519	SSF x LoA	-9,323	-0,041	0,299
CHR10	14252687	CHR10:14252687	SSF x LoA	-8,535	-0,064	0,291
CHR10	14252713	CHR10:14252713	SSF x LoA	-10,018	0,000	0,300
CHR10	14258207	CHR10:14258207	SSF x LoA	-9,668	-0,012	0,289
CHR10	14258218	CHR10:14258218	SSF x LoA	-7,727	-0,061	0,296
CHR10	14258235	CHR10:14258235	SSF x LoA	-9,630	-0,019	0,294
CHR10	14258296	CHR10:14258296	SSF x LoA	-10,274	-0,015	0,294
CHR10	14258354	CHR10:14258354	SSF x LoA	-7,934	0,054	0,294
CHR10	14258368	CHR10:14258368	SSF x LoA	-8,881	0,045	0,285
CHR10	14258377	CHR10:14258377	SSF x LoA	-8,531	0,081	0,289
CHR10	14258389	CHR10:14258389	SSF x LoA	-4,320	0,025	0,304
CHR10	14260239	CHR10:14260239	SSF x LoA	-6,501	-0,005	0,285
CHR10	14260258	CHR10:14260258	SSF x LoA	-8,065	0,076	0,295
CHR10	14260275	CHR10:14260275	SSF x LoA	-7,887	-0,014	0,310
CHR10	14260282	CHR10:14260282	SSF x LoA	-3,898	-0,007	0,302
CHR10	14260294	CHR10:14260294	SSF x LoA	-3,848	0,057	0,297
CHR10	14260296	CHR10:14260296	SSF x LoA	-8,680	0,009	0,300
CHR10	14260322	CHR10:14260322	SSF x LoA	-8,369	0,032	0,302
CHR10	14260336	CHR10:14260336	SSF x LoA	-8,686	0,018	0,293
CHR10	14268192	CHR10:14268192	SSF x LoA	-7,351	-0,064	0,296
CHR10	14268227	CHR10:14268227	SSF x LoA	-9,687	0,013	0,297
CHR10	14287748	CHR10:14287748	SSF x LoA	-8,049	-0,058	0,280
CHR10	14287753	CHR10:14287753	SSF x LoA	-8,498	0,060	0,299
CHR10	14287812	CHR10:14287812	SSF x LoA	-9,920	-0,044	0,292
CHR10	14293189	CHR10:14293189	SSF x LoA	-9,281	-0,064	0,274
CHR10	14293220	CHR10:14293220	SSF x LoA	-10,017	0,052	0,278
CHR10	14303314	CHR10:14303314	SSF x LoA	-9,193	-0,013	0,290
CHR10	14326084	CHR10:14326084	SSF x LoA	-8,898	0,093	0,280
CHR10	14326137	CHR10:14326137	SSF x LoA	-9,105	0,073	0,280

CHR10	14329411	CHR10:14329411	SSF x LoA	-7,852	-0,089	0,291
CHR10	14330063	CHR10:14330063	SSF x LoA	14,242	-0,102	0,293
CHR10	14330067	CHR10:14330067	SSF x LoA	-9,731	-0,020	0,295
CHR10	14337302	CHR10:14337302	SSF x LoA	-7,791	-0,073	0,298
CHR10	14337385	CHR10:14337385	SSF x LoA	-7,533	-0,110	0,278
CHR10	14354813	CHR10:14354813	SSF x LoA	-10,856	0,026	0,286
CHR10	14354832	CHR10:14354832	SSF x LoA	-10,219	-0,011	0,290
CHR10	14354936	CHR10:14354936	SSF x LoA	-10,203	0,060	0,297
CHR10	14367019	CHR10:14367019	SSF x LoA	-7,972	-0,023	0,302
CHR10	14367130	CHR10:14367130	SSF x LoA	-3,921	0,114	0,287
CHR10	14367214	CHR10:14367214	SSF x LoA	-9,889	-0,026	0,285
CHR10	14367227	CHR10:14367227	SSF x LoA	-8,960	-0,067	0,295
CHR10	14367233	CHR10:14367233	SSF x LoA	-7,955	0,051	0,299
CHR10	14370234	CHR10:14370234	SSF x LoA	-9,116	-0,086	0,269
CHR10	14370280	CHR10:14370280	SSF x LoA	-10,618	-0,058	0,284
CHR10	14370284	CHR10:14370284	SSF x LoA	-12,031	-0,042	0,269
CHR10	14370297	CHR10:14370297	SSF x LoA	-9,004	-0,092	0,283
CHR10	14370302	CHR10:14370302	SSF x LoA	-8,332	-0,079	0,288
CHR10	14393135	CHR10:14393135	SSF x LoA	-10,781	-0,054	0,286
CHR10	14393248	CHR10:14393248	SSF x LoA	3,132	0,092	0,294
CHR10	14404000	CHR10:14404000	SSF x LoA	-10,696	0,048	0,293
CHR10	14404080	CHR10:14404080	SSF x LoA	-8,623	-0,103	0,289
CHR10	14427030	CHR10:14427030	SSF x LoA	-9,120	-0,027	0,284
CHR10	14427181	CHR10:14427181	SSF x LoA	-10,074	0,044	0,283
CHR10	14427184	CHR10:14427184	SSF x LoA	-9,649	0,038	0,286
CHR10	14427196	CHR10:14427196	SSF x LoA	-10,355	0,058	0,273
CHR10	14442762	CHR10:14442762	SSF x LoA	-8,611	0,128	0,279
CHR10	14456692	CHR10:14456692	SSF x LoA	-7,132	-0,076	0,284
CHR10	14456725	CHR10:14456725	SSF x LoA	-11,488	0,022	0,281
CHR10	14475285	CHR10:14475285	SSF x LoA	-10,754	-0,008	0,304
CHR10	14475314	CHR10:14475314	SSF x LoA	-9,310	-0,079	0,299
CHR10	14475329	CHR10:14475329	SSF x LoA	-4,250	-0,066	0,296
CHR10	14483877	CHR10:14483877	SSF x LoA	-8,251	-0,040	0,284
CHR10	14483949	CHR10:14483949	SSF x LoA	-9,647	0,063	0,292
CHR10	14483951	CHR10:14483951	SSF x LoA	-8,314	-0,041	0,290
CHR10	14483986	CHR10:14483986	SSF x LoA	-9,090	-0,050	0,300
CHR10	1448894	CHR10:1448894	SSF x LoA	-10,767	0,060	0,284
CHR10	14492479	CHR10:14492479	SSF x LoA	-7,910	-0,058	0,286
CHR10	14492889	CHR10:14492889	SSF x LoA	-9,490	0,052	0,290
CHR10	14492894	CHR10:14492894	SSF x LoA	-8,825	0,043	0,291
CHR10	14492906	CHR10:14492906	SSF x LoA	-9,490	0,034	0,275
CHR10	14492943	CHR10:14492943	SSF x LoA	-1,219	-0,007	0,287
CHR10	14518741	CHR10:14518741	SSF x LoA	-8,210	-0,173	0,270
CHR10	14533636	CHR10:14533636	SSF x LoA	-7,848	-0,014	0,293
CHR10	14533641	CHR10:14533641	SSF x LoA	-7,793	-0,036	0,289
CHR10	14533682	CHR10:14533682	SSF x LoA	-10,225	0,108	0,279
CHR10	14533716	CHR10:14533716	SSF x LoA	-7,595	0,087	0,277
CHR10	14540749	CHR10:14540749	SSF x LoA	-6,930	-0,006	0,290
CHR10	14543732	CHR10:14543732	SSF x LoA	-10,774	-0,049	0,271
CHR10	14552797	CHR10:14552797	SSF x LoA	-8,679	-0,077	0,291
CHR10	14552912	CHR10:14552912	SSF x LoA	-10,170	-0,114	0,284
CHR10	14552978	CHR10:14552978	SSF x LoA	-8,021	0,108	0,273
CHR10	14553046	CHR10:14553046	SSF x LoA	-6,323	0,155	0,284

CHR10	14553073	CHR10:14553073	SSF x LoA	-9,986	-0,006	0,279
CHR10	14553115	CHR10:14553115	SSF x LoA	-8,443	-0,044	0,285
CHR10	14556293	CHR10:14556293	SSF x LoA	-5,587	-0,169	0,275
CHR10	14560270	CHR10:14560270	SSF x LoA	-9,118	-0,104	0,284
CHR10	14560434	CHR10:14560434	SSF x LoA	-8,309	-0,125	0,285
CHR10	14560468	CHR10:14560468	SSF x LoA	-5,418	-0,185	0,273
CHR10	14560480	CHR10:14560480	SSF x LoA	-5,563	-0,170	0,287
CHR10	14560487	CHR10:14560487	SSF x LoA	-7,337	-0,158	0,287
CHR10	14560518	CHR10:14560518	SSF x LoA	-7,895	0,098	0,295
CHR10	14560528	CHR10:14560528	SSF x LoA	-9,696	-0,148	0,284
CHR10	14560567	CHR10:14560567	SSF x LoA	-10,662	-0,164	0,268
CHR10	14560572	CHR10:14560572	SSF x LoA	-7,516	0,053	0,283
CHR10	14576160	CHR10:14576160	SSF x LoA	-6,643	0,087	0,290
CHR10	14583431	CHR10:14583431	SSF x LoA	-11,009	0,004	0,280
CHR10	14583526	CHR10:14583526	SSF x LoA	-7,640	-0,102	0,278
CHR10	14583529	CHR10:14583529	SSF x LoA	-8,650	0,087	0,277
CHR10	14584718	CHR10:14584718	SSF x LoA	-10,176	0,116	0,286
CHR10	14584728	CHR10:14584728	SSF x LoA	-6,754	0,122	0,288
CHR10	14589717	CHR10:14589717	SSF x LoA	-8,025	0,021	0,280
CHR10	14589803	CHR10:14589803	SSF x LoA	-11,142	0,001	0,286
CHR10	14589818	CHR10:14589818	SSF x LoA	-8,178	0,029	0,297
CHR10	14589855	CHR10:14589855	SSF x LoA	-8,551	0,048	0,300
CHR10	14589953	CHR10:14589953	SSF x LoA	-4,875	0,049	0,289
CHR10	14589954	CHR10:14589954	SSF x LoA	-5,729	0,069	0,301
CHR10	14618928	CHR10:14618928	SSF x LoA	-7,655	-0,038	0,269
CHR10	14619152	CHR10:14619152	SSF x LoA	-8,617	0,096	0,291
CHR10	1462536	CHR10:1462536	SSF x LoA	-9,994	-0,115	0,270
CHR10	14629404	CHR10:14629404	SSF x LoA	-7,271	0,008	0,298
CHR10	14644634	CHR10:14644634	SSF x LoA	-8,486	0,059	0,290
CHR10	14644672	CHR10:14644672	SSF x LoA	-11,578	0,018	0,280
CHR10	14644728	CHR10:14644728	SSF x LoA	-8,865	-0,077	0,290
CHR10	14654092	CHR10:14654092	SSF x LoA	-9,226	0,026	0,288
CHR10	14654183	CHR10:14654183	SSF x LoA	-9,495	-0,001	0,294
CHR10	14654255	CHR10:14654255	SSF x LoA	-8,477	-0,029	0,290
CHR10	14654295	CHR10:14654295	SSF x LoA	-11,090	-0,011	0,281
CHR10	14659399	CHR10:14659399	SSF x LoA	-11,979	-0,003	0,278
CHR10	14659599	CHR10:14659599	SSF x LoA	-7,717	0,054	0,300
CHR10	14659676	CHR10:14659676	SSF x LoA	-5,988	0,070	0,280
CHR10	14659682	CHR10:14659682	SSF x LoA	-7,718	0,047	0,291
CHR10	14675237	CHR10:14675237	SSF x LoA	-9,262	-0,139	0,284
CHR10	14681842	CHR10:14681842	SSF x LoA	-5,055	-0,166	0,290
CHR10	14693644	CHR10:14693644	SSF x LoA	-10,378	0,044	0,287
CHR10	14693740	CHR10:14693740	SSF x LoA	-6,002	0,060	0,284
CHR10	14693758	CHR10:14693758	SSF x LoA	-9,503	0,003	0,272
CHR10	14695930	CHR10:14695930	SSF x LoA	-5,750	0,183	0,277
CHR10	14696572	CHR10:14696572	SSF x LoA	-8,487	0,018	0,303
CHR10	14696579	CHR10:14696579	SSF x LoA	-10,149	0,106	0,279
CHR10	1471009	CHR10:1471009	SSF x LoA	-2,054	0,107	0,280
CHR10	14759277	CHR10:14759277	SSF x LoA	-10,266	-0,059	0,282
CHR10	14759298	CHR10:14759298	SSF x LoA	-9,557	-0,032	0,291
CHR10	14759509	CHR10:14759509	SSF x LoA	-9,063	0,027	0,288
CHR10	14759536	CHR10:14759536	SSF x LoA	-10,073	-0,049	0,285
CHR10	14762473	CHR10:14762473	SSF x LoA	-8,833	0,061	0,294

CHR10	14773010	CHR10:1477301C	SSF x LoA	-9,701	-0,140	0,286
CHR10	14773019	CHR10:1477301$	SSF x LoA	-7,922	-0,133	0,286
CHR10	14773199	CHR10:1477319$	SSF x LoA	-2,463	0,098	0,289
CHR10	14824862	CHR10:1482486C	SSF x LoA	-7,222	-0,207	0,295
CHR10	14824868	CHR10:1482486$	SSF x LoA	-9,084	0,071	0,273
CHR10	14827631	CHR10:14827631	SSF x LoA	-9,758	0,030	0,288
CHR10	14827652	CHR10:1482765C	SSF x LoA	-11,154	0,045	0,302
CHR10	14827679	CHR10:1482767$	SSF x LoA	-11,067	0,056	0,288
CHR10	14827693	CHR10:1482769C	SSF x LoA	-9,162	0,011	0,290
CHR10	14827846	CHR10:1482784C	SSF x LoA	-4,307	-0,183	0,289
CHR10	14841545	CHR10:1484154$	SSF x LoA	-9,822	0,039	0,293
CHR10	14841794	CHR10:1484179C	SSF x LoA	-8,965	0,006	0,289
CHR10	14841832	CHR10:1484183C	SSF x LoA	-7,439	-0,034	0,294
CHR10	14856556	CHR10:1485655C	SSF x LoA	-10,461	-0,111	0,273
CHR10	14856661	CHR10:14856661	SSF x LoA	-8,353	-0,024	0,299
CHR10	14861213	CHR10:1486121C	SSF x LoA	-7,090	0,142	0,263
CHR10	14861221	CHR10:14861221	SSF x LoA	-5,943	0,139	0,268
CHR10	14861271	CHR10:14861271	SSF x LoA	-9,579	0,076	0,257
CHR10	14861282	CHR10:1486128C	SSF x LoA	-9,098	-0,003	0,275
CHR10	1488138	CHR10:1488138	SSF x LoA	-2,449	-0,166	0,267
CHR10	1488148	CHR10:1488148	SSF x LoA	-10,821	0,068	0,287
CHR10	1488183	CHR10:1488183	SSF x LoA	-8,177	-0,002	0,292
CHR10	1488253	CHR10:1488253	SSF x LoA	-11,994	0,005	0,280
CHR10	14887177	CHR10:1488717C	SSF x LoA	-8,595	-0,010	0,292
CHR10	14887249	CHR10:1488724$	SSF x LoA	-7,651	0,105	0,276
CHR10	14889749	CHR10:1488974$	SSF x LoA	-7,893	0,076	0,279
CHR10	14889753	CHR10:1488975C	SSF x LoA	-6,001	0,184	0,263
CHR10	14889781	CHR10:14889781	SSF x LoA	-4,337	0,221	0,261
CHR10	14889807	CHR10:1488980C	SSF x LoA	-6,382	0,165	0,283
CHR10	14889841	CHR10:14889841	SSF x LoA	-5,280	-0,160	0,285
CHR10	14895690	CHR10:1489569C	SSF x LoA	-9,150	0,036	0,281
CHR10	14895887	CHR10:1489588C	SSF x LoA	-8,653	0,061	0,297
CHR10	14895898	CHR10:1489589$	SSF x LoA	-8,318	0,026	0,286
CHR10	14906074	CHR10:1490607$	SSF x LoA	-7,335	-0,086	0,287
CHR10	14906129	CHR10:1490612$	SSF x LoA	-3,201	0,160	0,281
CHR10	14906160	CHR10:1490616C	SSF x LoA	-6,688	0,147	0,284
CHR10	14906217	CHR10:1490621C	SSF x LoA	-4,843	0,159	0,293
CHR10	14906236	CHR10:1490623C	SSF x LoA	-5,038	0,147	0,280
CHR10	14906302	CHR10:1490630C	SSF x LoA	-4,471	0,119	0,291
CHR10	14906328	CHR10:1490632$	SSF x LoA	-4,436	0,099	0,282
CHR10	14909931	CHR10:14909931	SSF x LoA	-10,489	-0,015	0,283
CHR10	14918956	CHR10:1491895C	SSF x LoA	-10,904	0,004	0,280
CHR10	14924696	CHR10:1492469C	SSF x LoA	-3,011	0,161	0,293
CHR10	14924796	CHR10:1492479C	SSF x LoA	-8,380	-0,112	0,295
CHR10	14924836	CHR10:1492483C	SSF x LoA	-8,726	-0,113	0,289
CHR10	14924838	CHR10:1492483$	SSF x LoA	-9,892	-0,100	0,277
CHR10	14924979	CHR10:1492497$	SSF x LoA	-8,172	0,093	0,283
CHR10	14935076	CHR10:1493507C	SSF x LoA	-9,469	-0,039	0,300
CHR10	14938739	CHR10:1493873$	SSF x LoA	-10,446	-0,006	0,287
CHR10	14938816	CHR10:1493881C	SSF x LoA	-8,978	-0,087	0,302
CHR10	14938817	CHR10:1493881C	SSF x LoA	-6,656	-0,104	0,303
CHR10	14938821	CHR10:1493882C	SSF x LoA	-7,804	-0,112	0,285
CHR10	14938830	CHR10:1493883C	SSF x LoA	-7,527	-0,136	0,305

CHR10	14938955	CHR10:14938955	SSF x LoA	-8,501	0,049	0,291
CHR10	14942470	CHR10:14942470	SSF x LoA	-10,902	0,110	0,291
CHR10	14943666	CHR10:14943666	SSF x LoA	-7,180	-0,118	0,282
CHR10	14950881	CHR10:14950881	SSF x LoA	-9,308	0,049	0,292
CHR10	14951040	CHR10:14951040	SSF x LoA	-9,791	0,039	0,296
CHR10	14951054	CHR10:14951054	SSF x LoA	-5,690	0,041	0,299
CHR10	14957248	CHR10:14957248	SSF x LoA	-7,533	0,108	0,280
CHR10	14957255	CHR10:14957255	SSF x LoA	-11,373	0,001	0,289
CHR10	14957267	CHR10:14957267	SSF x LoA	-8,970	-0,086	0,285
CHR10	14957352	CHR10:14957352	SSF x LoA	-6,383	-0,065	0,286
CHR10	14957475	CHR10:14957475	SSF x LoA	-6,381	0,082	0,292
CHR10	14976106	CHR10:14976106	SSF x LoA	-4,227	0,132	0,263
CHR10	14976107	CHR10:14976107	SSF x LoA	-6,021	0,158	0,261
CHR10	14976669	CHR10:14976669	SSF x LoA	-9,500	0,094	0,285
CHR10	14976693	CHR10:14976693	SSF x LoA	-10,665	0,075	0,290
CHR10	14985146	CHR10:14985146	SSF x LoA	-10,096	0,019	0,276
CHR10	14985162	CHR10:14985162	SSF x LoA	-7,105	0,078	0,298
CHR10	14985237	CHR10:14985237	SSF x LoA	-8,850	0,020	0,289
CHR10	14985265	CHR10:14985265	SSF x LoA	-10,021	-0,005	0,271
CHR10	15025991	CHR10:15025991	SSF x LoA	-9,890	0,046	0,297
CHR10	15026154	CHR10:15026154	SSF x LoA	2,472	-0,251	0,275
CHR10	1503019	CHR10:1503019	SSF x LoA	-8,921	0,110	0,286
CHR10	1503046	CHR10:1503046	SSF x LoA	-2,160	-0,256	0,278
CHR10	15034103	CHR10:15034103	SSF x LoA	-5,545	-0,132	0,304
CHR10	15034169	CHR10:15034169	SSF x LoA	-8,255	-0,002	0,309
CHR10	15065675	CHR10:15065675	SSF x LoA	-10,329	-0,011	0,299
CHR10	15065791	CHR10:15065791	SSF x LoA	-8,745	0,015	0,289
CHR10	15065833	CHR10:15065833	SSF x LoA	-8,604	-0,043	0,291
CHR10	15065846	CHR10:15065846	SSF x LoA	-7,891	0,019	0,291
CHR10	15065895	CHR10:15065895	SSF x LoA	-7,567	-0,009	0,304
CHR10	15065961	CHR10:15065961	SSF x LoA	-9,671	-0,089	0,281
CHR10	15065964	CHR10:15065964	SSF x LoA	-7,991	-0,026	0,287
CHR10	15067240	CHR10:15067240	SSF x LoA	-10,319	-0,034	0,272
CHR10	15067251	CHR10:15067251	SSF x LoA	-10,629	-0,021	0,286
CHR10	15067288	CHR10:15067288	SSF x LoA	-7,947	-0,077	0,284
CHR10	15067291	CHR10:15067291	SSF x LoA	-9,599	-0,069	0,284
CHR10	15067298	CHR10:15067298	SSF x LoA	-9,875	-0,051	0,290
CHR10	15067319	CHR10:15067319	SSF x LoA	-7,068	-0,044	0,298
CHR10	15067654	CHR10:15067654	SSF x LoA	-8,926	-0,084	0,292
CHR10	15067718	CHR10:15067718	SSF x LoA	-9,614	-0,067	0,287
CHR10	15067730	CHR10:15067730	SSF x LoA	-8,023	-0,056	0,289
CHR10	15067749	CHR10:15067749	SSF x LoA	-9,453	-0,070	0,296
CHR10	15072650	CHR10:15072650	SSF x LoA	-8,007	-0,137	0,284
CHR10	15072664	CHR10:15072664	SSF x LoA	-6,313	-0,101	0,304
CHR10	15072681	CHR10:15072681	SSF x LoA	-8,987	-0,132	0,286
CHR10	15072685	CHR10:15072685	SSF x LoA	-10,734	-0,102	0,279
CHR10	15072697	CHR10:15072697	SSF x LoA	-9,468	-0,090	0,294
CHR10	15072711	CHR10:15072711	SSF x LoA	-6,156	-0,029	0,292
CHR10	15076865	CHR10:15076865	SSF x LoA	-7,386	-0,127	0,277
CHR10	1508531	CHR10:1508531	SSF x LoA	-10,211	0,073	0,288
CHR10	15086697	CHR10:15086697	SSF x LoA	-8,643	-0,109	0,283
CHR10	15086724	CHR10:15086724	SSF x LoA	-9,745	0,116	0,281
CHR10	15086748	CHR10:15086748	SSF x LoA	-10,093	0,038	0,292

CHR10	15086929	CHR10:1508692	SSF x LoA	-6,916	0,085	0,301
CHR10	15087008	CHR10:1508700	SSF x LoA	-10,802	0,014	0,293
CHR10	1508878	CHR10:1508878	SSF x LoA	-3,951	0,100	0,294
CHR10	1508882	CHR10:1508882	SSF x LoA	-7,813	0,127	0,301
CHR10	15094716	CHR10:1509471	SSF x LoA	-8,617	0,057	0,284
CHR10	15094726	CHR10:1509472	SSF x LoA	-9,938	0,071	0,296
CHR10	15100872	CHR10:1510087	SSF x LoA	-9,353	0,026	0,286
CHR10	15100890	CHR10:1510089	SSF x LoA	-10,075	0,009	0,295
CHR10	15105279	CHR10:1510527	SSF x LoA	-10,522	0,011	0,296
CHR10	15105283	CHR10:1510528	SSF x LoA	-7,345	-0,017	0,289
CHR10	15105315	CHR10:1510531	SSF x LoA	-10,253	-0,016	0,283
CHR10	15105320	CHR10:1510532	SSF x LoA	-8,135	-0,055	0,284
CHR10	15109139	CHR10:1510913	SSF x LoA	-5,795	-0,035	0,305
CHR10	15136192	CHR10:1513619	SSF x LoA	8,492	0,168	0,295
CHR10	15136238	CHR10:1513623	SSF x LoA	-6,183	0,129	0,284
CHR10	15136310	CHR10:1513631	SSF x LoA	-4,446	0,133	0,278
CHR10	15139474	CHR10:1513947	SSF x LoA	-8,276	-0,005	0,307
CHR10	15139611	CHR10:1513961	SSF x LoA	-8,646	0,025	0,294
CHR10	15142173	CHR10:1514217	SSF x LoA	-8,863	0,085	0,291
CHR10	15144558	CHR10:1514455	SSF x LoA	-5,561	0,021	0,291
CHR10	15147180	CHR10:1514718	SSF x LoA	-10,446	-0,016	0,291
CHR10	1520072	CHR10:1520072	SSF x LoA	-7,486	0,051	0,292
CHR10	1520130	CHR10:1520130	SSF x LoA	-8,378	-0,151	0,287
CHR10	1520132	CHR10:1520132	SSF x LoA	-6,304	0,089	0,297
CHR10	1520182	CHR10:1520182	SSF x LoA	-7,145	0,017	0,297
CHR10	1520209	CHR10:1520209	SSF x LoA	-8,394	0,021	0,290
CHR10	15272190	CHR10:1527219	SSF x LoA	-7,278	-0,069	0,293
CHR10	15272246	CHR10:1527224	SSF x LoA	-8,815	0,062	0,285
CHR10	15316553	CHR10:1531655	SSF x LoA	-8,402	0,005	0,299
CHR10	1534206	CHR10:1534206	SSF x LoA	-10,252	0,019	0,299
CHR10	15405833	CHR10:1540583	SSF x LoA	-8,549	0,076	0,299
CHR10	15457872	CHR10:1545787	SSF x LoA	-9,008	0,140	0,287
CHR10	15458026	CHR10:1545802	SSF x LoA	-10,539	-0,101	0,296
CHR10	15554470	CHR10:1555447	SSF x LoA	-5,700	-0,186	0,268
CHR10	1557086	CHR10:1557086	SSF x LoA	-11,085	-0,034	0,284
CHR10	1557219	CHR10:1557219	SSF x LoA	-7,718	-0,128	0,282
CHR10	1557241	CHR10:1557241	SSF x LoA	-6,392	-0,088	0,290
CHR10	15580159	CHR10:1558015	SSF x LoA	-7,351	-0,044	0,285
CHR10	15587352	CHR10:1558735	SSF x LoA	-10,484	0,062	0,286
CHR10	15591802	CHR10:1559180	SSF x LoA	-6,354	0,174	0,299
CHR10	15606243	CHR10:1560624	SSF x LoA	-8,740	0,025	0,278
CHR10	15606281	CHR10:1560628	SSF x LoA	-8,308	0,045	0,279
CHR10	15622501	CHR10:1562250	SSF x LoA	-7,738	-0,115	0,292
CHR10	15624941	CHR10:1562494	SSF x LoA	-5,222	0,177	0,286
CHR10	15646434	CHR10:1564643	SSF x LoA	-6,109	-0,178	0,270
CHR10	15654791	CHR10:1565479	SSF x LoA	-8,768	-0,029	0,285
CHR10	15672856	CHR10:1567285	SSF x LoA	-8,808	0,012	0,289
CHR10	15672878	CHR10:1567287	SSF x LoA	-8,914	-0,011	0,293
CHR10	1568505	CHR10:1568505	SSF x LoA	-10,229	0,070	0,286
CHR10	15734036	CHR10:1573403	SSF x LoA	-6,367	0,072	0,284
CHR10	15734074	CHR10:1573407	SSF x LoA	-8,693	-0,113	0,271
CHR10	15734091	CHR10:1573409	SSF x LoA	-8,845	-0,019	0,298
CHR10	15734123	CHR10:1573412	SSF x LoA	-6,885	0,014	0,281

CHR10	15734204	CHR10:15734204	SSF x LoA	-11,197	-0,051	0,293
CHR10	15734217	CHR10:15734217	SSF x LoA	-10,474	-0,013	0,287
CHR10	15734276	CHR10:15734276	SSF x LoA	-10,947	0,033	0,283
CHR10	15752151	CHR10:15752151	SSF x LoA	-7,350	0,107	0,288
CHR10	15752165	CHR10:15752165	SSF x LoA	-10,529	-0,002	0,292
CHR10	15752174	CHR10:15752174	SSF x LoA	-9,929	0,108	0,275
CHR10	15752218	CHR10:15752218	SSF x LoA	-9,497	0,114	0,280
CHR10	15756418	CHR10:15756418	SSF x LoA	-8,625	0,010	0,291
CHR10	15762488	CHR10:15762488	SSF x LoA	-11,539	0,031	0,282
CHR10	15766351	CHR10:15766351	SSF x LoA	-9,573	0,100	0,292
CHR10	15770980	CHR10:15770980	SSF x LoA	-6,917	-0,198	0,270
CHR10	15771926	CHR10:15771926	SSF x LoA	-8,437	0,019	0,295
CHR10	1577206	CHR10:1577206	SSF x LoA	-10,647	-0,089	0,290
CHR10	1577429	CHR10:1577429	SSF x LoA	-9,094	-0,091	0,289
CHR10	1577528	CHR10:1577528	SSF x LoA	-7,619	-0,005	0,314
CHR10	1577537	CHR10:1577537	SSF x LoA	-5,089	0,130	0,295
CHR10	15777069	CHR10:15777069	SSF x LoA	-8,965	0,030	0,279
CHR10	15777186	CHR10:15777186	SSF x LoA	-6,656	-0,115	0,283
CHR10	15799198	CHR10:15799198	SSF x LoA	-8,112	0,011	0,290
CHR10	15799274	CHR10:15799274	SSF x LoA	-9,281	-0,133	0,283
CHR10	15799368	CHR10:15799368	SSF x LoA	-5,910	-0,090	0,287
CHR10	15803672	CHR10:15803672	SSF x LoA	-7,969	-0,045	0,306
CHR10	15803753	CHR10:15803753	SSF x LoA	-8,314	-0,064	0,292
CHR10	15819677	CHR10:15819677	SSF x LoA	-9,674	0,030	0,286
CHR10	15819756	CHR10:15819756	SSF x LoA	-8,134	0,047	0,300
CHR10	15840453	CHR10:15840453	SSF x LoA	-6,469	0,132	0,282
CHR10	15840472	CHR10:15840472	SSF x LoA	-10,855	0,018	0,288
CHR10	15840651	CHR10:15840651	SSF x LoA	-9,153	0,006	0,292
CHR10	15847170	CHR10:15847170	SSF x LoA	-10,529	-0,020	0,282
CHR10	1585350	CHR10:1585350	SSF x LoA	-9,937	0,002	0,305
CHR10	1585410	CHR10:1585410	SSF x LoA	-7,653	-0,081	0,281
CHR10	15855493	CHR10:15855493	SSF x LoA	-9,881	-0,097	0,274
CHR10	15866938	CHR10:15866938	SSF x LoA	-8,295	-0,095	0,284
CHR10	15866944	CHR10:15866944	SSF x LoA	-9,137	0,047	0,283
CHR10	15867029	CHR10:15867029	SSF x LoA	-10,091	-0,064	0,297
CHR10	15867182	CHR10:15867182	SSF x LoA	-8,348	-0,059	0,289
CHR10	15867254	CHR10:15867254	SSF x LoA	-8,402	-0,057	0,294
CHR10	15867260	CHR10:15867260	SSF x LoA	-7,567	-0,018	0,307
CHR10	15871943	CHR10:15871943	SSF x LoA	-5,153	-0,179	0,280
CHR10	15871950	CHR10:15871950	SSF x LoA	-4,822	0,198	0,289
CHR10	15871969	CHR10:15871969	SSF x LoA	-11,439	0,029	0,293
CHR10	15871998	CHR10:15871998	SSF x LoA	-7,098	0,017	0,306
CHR10	15872423	CHR10:15872423	SSF x LoA	-10,457	0,053	0,288
CHR10	15890364	CHR10:15890364	SSF x LoA	-10,278	-0,065	0,296
CHR10	15891363	CHR10:15891363	SSF x LoA	-8,195	-0,073	0,299
CHR10	15891416	CHR10:15891416	SSF x LoA	-8,189	-0,070	0,274
CHR10	15891456	CHR10:15891456	SSF x LoA	-7,946	-0,043	0,290
CHR10	15891526	CHR10:15891526	SSF x LoA	-9,185	0,054	0,264
CHR10	15891527	CHR10:15891527	SSF x LoA	-9,847	0,142	0,283
CHR10	15900602	CHR10:15900602	SSF x LoA	-10,353	0,016	0,286
CHR10	15915703	CHR10:15915703	SSF x LoA	-8,413	0,055	0,301
CHR10	15916771	CHR10:15916771	SSF x LoA	-5,026	0,158	0,282
CHR10	15916772	CHR10:15916772	SSF x LoA	-5,689	0,143	0,282

CHR10	15916837	CHR10:15916837	SSF x LoA	-8,014	-0,055	0,288
CHR10	15916924	CHR10:15916924	SSF x LoA	-9,245	-0,098	0,277
CHR10	15929502	CHR10:15929502	SSF x LoA	-7,019	0,115	0,287
CHR10	15929551	CHR10:15929551	SSF x LoA	-10,237	0,042	0,290
CHR10	15929559	CHR10:15929559	SSF x LoA	-10,153	0,029	0,287
CHR10	15929661	CHR10:15929661	SSF x LoA	-7,444	0,128	0,272
CHR10	15929801	CHR10:15929801	SSF x LoA	-1,666	-0,076	0,283
CHR10	15941323	CHR10:15941323	SSF x LoA	-6,751	-0,021	0,291
CHR10	15941390	CHR10:15941390	SSF x LoA	-10,923	0,050	0,280
CHR10	15941435	CHR10:15941435	SSF x LoA	0,886	-0,073	0,288
CHR10	15941554	CHR10:15941554	SSF x LoA	-9,660	0,041	0,284
CHR10	15941562	CHR10:15941562	SSF x LoA	-8,565	-0,096	0,297
CHR10	1594485	CHR10:1594485	SSF x LoA	-8,277	0,038	0,285
CHR10	1594569	CHR10:1594569	SSF x LoA	-4,104	-0,041	0,276
CHR10	1594786	CHR10:1594786	SSF x LoA	-8,824	-0,008	0,294
CHR10	15950468	CHR10:15950468	SSF x LoA	-10,353	0,063	0,282
CHR10	15950477	CHR10:15950477	SSF x LoA	-11,576	0,023	0,294
CHR10	15950671	CHR10:15950671	SSF x LoA	-9,967	0,042	0,286
CHR10	15950704	CHR10:15950704	SSF x LoA	-10,027	-0,079	0,290
CHR10	15950770	CHR10:15950770	SSF x LoA	-10,870	0,023	0,280
CHR10	15950784	CHR10:15950784	SSF x LoA	-8,509	-0,082	0,287
CHR10	15954543	CHR10:15954543	SSF x LoA	-8,429	-0,009	0,289
CHR10	15954676	CHR10:15954676	SSF x LoA	-8,811	-0,116	0,273
CHR10	15954710	CHR10:15954710	SSF x LoA	-7,013	0,090	0,279
CHR10	15954837	CHR10:15954837	SSF x LoA	-9,256	0,031	0,292
CHR10	15954865	CHR10:15954865	SSF x LoA	-10,061	-0,068	0,286
CHR10	15958108	CHR10:15958108	SSF x LoA	-6,508	0,034	0,298
CHR10	15958175	CHR10:15958175	SSF x LoA	-7,867	0,152	0,281
CHR10	15963916	CHR10:15963916	SSF x LoA	-8,525	0,038	0,295
CHR10	15964088	CHR10:15964088	SSF x LoA	-10,614	0,085	0,290
CHR10	15965157	CHR10:15965157	SSF x LoA	-7,791	0,086	0,294
CHR10	15965169	CHR10:15965169	SSF x LoA	-5,693	-0,157	0,293
CHR10	15966978	CHR10:15966978	SSF x LoA	-8,058	0,005	0,302
CHR10	15967061	CHR10:15967061	SSF x LoA	-8,545	-0,153	0,289
CHR10	15969687	CHR10:15969687	SSF x LoA	-2,523	0,257	0,283
CHR10	15969694	CHR10:15969694	SSF x LoA	-9,556	-0,045	0,290
CHR10	15979282	CHR10:15979282	SSF x LoA	-3,387	-0,055	0,278
CHR10	15979319	CHR10:15979319	SSF x LoA	-9,630	0,017	0,292
CHR10	15979392	CHR10:15979392	SSF x LoA	-8,454	0,025	0,285
CHR10	15979400	CHR10:15979400	SSF x LoA	-10,296	0,037	0,294
CHR10	15992543	CHR10:15992543	SSF x LoA	-6,191	0,111	0,294
CHR10	15992586	CHR10:15992586	SSF x LoA	-11,469	0,037	0,286
CHR10	15999602	CHR10:15999602	SSF x LoA	-10,268	0,088	0,277
CHR10	16006199	CHR10:16006199	SSF x LoA	-8,149	0,059	0,289
CHR10	16006377	CHR10:16006377	SSF x LoA	-9,136	0,030	0,293
CHR10	16009709	CHR10:16009709	SSF x LoA	-6,449	0,153	0,293
CHR10	16009780	CHR10:16009780	SSF x LoA	-7,661	-0,139	0,274
CHR10	16009816	CHR10:16009816	SSF x LoA	-7,726	0,024	0,297
CHR10	16010826	CHR10:16010826	SSF x LoA	-7,201	-0,124	0,286
CHR10	16019380	CHR10:16019380	SSF x LoA	-7,500	-0,166	0,269
CHR10	16019430	CHR10:16019430	SSF x LoA	-7,925	-0,104	0,280
CHR10	16019493	CHR10:16019493	SSF x LoA	-3,201	0,229	0,272
CHR10	16019506	CHR10:16019506	SSF x LoA	-5,077	0,175	0,284

CHR10	16019515	CHR10:16019515	SSF x LoA	-2,631	-0,193	0,289
CHR10	16019539	CHR10:16019539	SSF x LoA	3,565	0,274	0,256
CHR10	1602985	CHR10:1602985	SSF x LoA	-9,246	0,043	0,285
CHR10	16036144	CHR10:16036144	SSF x LoA	-8,617	-0,101	0,274
CHR10	16036286	CHR10:16036286	SSF x LoA	-5,206	0,154	0,285
CHR10	16036291	CHR10:16036291	SSF x LoA	-1,362	0,234	0,286
CHR10	16036302	CHR10:16036302	SSF x LoA	-8,531	-0,030	0,291
CHR10	16036861	CHR10:16036861	SSF x LoA	-11,136	0,009	0,294
CHR10	16036895	CHR10:16036895	SSF x LoA	-9,715	-0,014	0,278
CHR10	16037038	CHR10:16037038	SSF x LoA	-6,332	-0,003	0,283
CHR10	16046824	CHR10:16046824	SSF x LoA	-9,670	-0,077	0,290
CHR10	16047022	CHR10:16047022	SSF x LoA	-11,628	-0,063	0,281
CHR10	16077903	CHR10:16077903	SSF x LoA	-9,466	-0,102	0,288
CHR10	16078031	CHR10:16078031	SSF x LoA	-9,210	0,050	0,296
CHR10	16088384	CHR10:16088384	SSF x LoA	-9,790	0,053	0,276
CHR10	16088408	CHR10:16088408	SSF x LoA	-7,978	0,044	0,289
CHR10	16094567	CHR10:16094567	SSF x LoA	-10,436	0,036	0,300
CHR10	1613414	CHR10:1613414	SSF x LoA	-4,713	-0,133	0,296
CHR10	1613430	CHR10:1613430	SSF x LoA	-6,945	-0,011	0,292
CHR10	1613474	CHR10:1613474	SSF x LoA	-8,078	0,137	0,294
CHR10	1613735	CHR10:1613735	SSF x LoA	-11,509	-0,015	0,287
CHR10	1614619	CHR10:1614619	SSF x LoA	-8,686	0,057	0,283
CHR10	1614620	CHR10:1614620	SSF x LoA	-7,531	0,070	0,290
CHR10	16147409	CHR10:16147409	SSF x LoA	-9,162	0,114	0,297
CHR10	16147509	CHR10:16147509	SSF x LoA	-9,433	0,091	0,273
CHR10	16147511	CHR10:16147511	SSF x LoA	-10,964	-0,020	0,295
CHR10	1614802	CHR10:1614802	SSF x LoA	-11,260	0,025	0,295
CHR10	16160791	CHR10:16160791	SSF x LoA	-7,752	0,136	0,284
CHR10	16160815	CHR10:16160815	SSF x LoA	-1,765	0,130	0,279
CHR10	16163485	CHR10:16163485	SSF x LoA	-7,673	-0,127	0,286
CHR10	16165633	CHR10:16165633	SSF x LoA	-8,993	0,054	0,290
CHR10	16167120	CHR10:16167120	SSF x LoA	-8,628	-0,202	0,272
CHR10	16181064	CHR10:16181064	SSF x LoA	-9,615	0,018	0,284
CHR10	16181246	CHR10:16181246	SSF x LoA	-8,078	-0,010	0,306
CHR10	16208633	CHR10:16208633	SSF x LoA	-10,478	0,038	0,304
CHR10	16208706	CHR10:16208706	SSF x LoA	-9,824	-0,055	0,293
CHR10	16208710	CHR10:16208710	SSF x LoA	-7,838	0,062	0,288
CHR10	16208730	CHR10:16208730	SSF x LoA	-5,055	0,065	0,305
CHR10	16208742	CHR10:16208742	SSF x LoA	0,107	0,101	0,293
CHR10	16208744	CHR10:16208744	SSF x LoA	-6,486	0,117	0,290
CHR10	16208759	CHR10:16208759	SSF x LoA	-4,026	-0,145	0,291
CHR10	16209109	CHR10:16209109	SSF x LoA	-8,935	0,069	0,266
CHR10	16234978	CHR10:16234978	SSF x LoA	-5,446	-0,045	0,294
CHR10	16235159	CHR10:16235159	SSF x LoA	-7,322	-0,103	0,294
CHR10	16235190	CHR10:16235190	SSF x LoA	-9,517	0,072	0,281
CHR10	16235211	CHR10:16235211	SSF x LoA	-8,633	-0,029	0,295
CHR10	16235218	CHR10:16235218	SSF x LoA	-10,146	-0,039	0,290
CHR10	16235232	CHR10:16235232	SSF x LoA	-3,096	0,133	0,292
CHR10	16240771	CHR10:16240771	SSF x LoA	-8,799	-0,071	0,292
CHR10	16240928	CHR10:16240928	SSF x LoA	-9,713	0,158	0,293
CHR10	16240939	CHR10:16240939	SSF x LoA	-8,895	0,000	0,286
CHR10	16245887	CHR10:16245887	SSF x LoA	-6,496	-0,171	0,279
CHR10	16245912	CHR10:16245912	SSF x LoA	-4,266	-0,190	0,260

CHR10	16245943	CHR10:16245943	SSF x LoA	-9,611	-0,134	0,268
CHR10	16245981	CHR10:16245981	SSF x LoA	-8,005	0,130	0,298
CHR10	16246032	CHR10:16246032	SSF x LoA	-3,632	0,156	0,269
CHR10	16246544	CHR10:16246544	SSF x LoA	-6,591	-0,140	0,285
CHR10	16246582	CHR10:16246582	SSF x LoA	1,888	0,149	0,274
CHR10	16246621	CHR10:16246621	SSF x LoA	-7,163	0,192	0,283
CHR10	16246630	CHR10:16246630	SSF x LoA	-3,049	0,241	0,280
CHR10	16254949	CHR10:16254949	SSF x LoA	-8,297	0,050	0,295
CHR10	16254985	CHR10:16254985	SSF x LoA	-9,066	-0,040	0,295
CHR10	16255022	CHR10:16255022	SSF x LoA	-8,109	0,068	0,294
CHR10	16255203	CHR10:16255203	SSF x LoA	-8,621	-0,127	0,297
CHR10	16255302	CHR10:16255302	SSF x LoA	-2,593	-0,240	0,273
CHR10	16257826	CHR10:16257826	SSF x LoA	-9,039	0,079	0,290
CHR10	16257896	CHR10:16257896	SSF x LoA	-9,642	-0,001	0,286
CHR10	16258039	CHR10:16258039	SSF x LoA	-6,714	0,164	0,273
CHR10	16260771	CHR10:16260771	SSF x LoA	-9,723	0,106	0,266
CHR10	16260789	CHR10:16260789	SSF x LoA	-8,960	-0,167	0,282
CHR10	16260894	CHR10:16260894	SSF x LoA	-8,895	-0,088	0,280
CHR10	16260996	CHR10:16260996	SSF x LoA	-9,575	0,023	0,291
CHR10	1626790	CHR10:1626790	SSF x LoA	-9,953	0,006	0,290
CHR10	16268183	CHR10:16268183	SSF x LoA	-7,976	-0,022	0,277
CHR10	16268194	CHR10:16268194	SSF x LoA	-9,387	0,098	0,294
CHR10	1626822	CHR10:1626822	SSF x LoA	-10,198	0,094	0,285
CHR10	1626825	CHR10:1626825	SSF x LoA	-9,102	0,056	0,283
CHR10	1626832	CHR10:1626832	SSF x LoA	-3,359	0,190	0,289
CHR10	1626833	CHR10:1626833	SSF x LoA	-0,478	-0,301	0,283
CHR10	1626834	CHR10:1626834	SSF x LoA	0,394	-0,315	0,275
CHR10	1626836	CHR10:1626836	SSF x LoA	2,864	-0,312	0,268
CHR10	1626841	CHR10:1626841	SSF x LoA	-8,230	0,182	0,295
CHR10	16268518	CHR10:16268518	SSF x LoA	-10,358	0,069	0,288
CHR10	16268519	CHR10:16268519	SSF x LoA	-8,684	-0,019	0,305
CHR10	16268528	CHR10:16268528	SSF x LoA	-7,438	0,096	0,290
CHR10	16268540	CHR10:16268540	SSF x LoA	-8,931	-0,001	0,295
CHR10	16268641	CHR10:16268641	SSF x LoA	-6,625	-0,133	0,287
CHR10	1626894	CHR10:1626894	SSF x LoA	-8,370	-0,104	0,285
CHR10	1626909	CHR10:1626909	SSF x LoA	-8,388	0,056	0,288
CHR10	1626911	CHR10:1626911	SSF x LoA	-7,625	-0,082	0,290
CHR10	1626919	CHR10:1626919	SSF x LoA	-6,705	0,168	0,306
CHR10	1626921	CHR10:1626921	SSF x LoA	-8,824	-0,033	0,295
CHR10	1626948	CHR10:1626948	SSF x LoA	-7,844	0,158	0,281
CHR10	1627088	CHR10:1627088	SSF x LoA	-7,977	-0,189	0,275
CHR10	16271937	CHR10:16271937	SSF x LoA	-10,551	0,005	0,275
CHR10	16272026	CHR10:16272026	SSF x LoA	-9,582	-0,044	0,290
CHR10	16272035	CHR10:16272035	SSF x LoA	-6,276	-0,006	0,286
CHR10	16272101	CHR10:16272101	SSF x LoA	-6,586	-0,047	0,261
CHR10	16272123	CHR10:16272123	SSF x LoA	-7,127	-0,081	0,284
CHR10	16272182	CHR10:16272182	SSF x LoA	-8,844	0,103	0,287
CHR10	16309458	CHR10:16309458	SSF x LoA	-10,602	0,106	0,280
CHR10	16309516	CHR10:16309516	SSF x LoA	-10,503	0,115	0,293
CHR10	16309668	CHR10:16309668	SSF x LoA	-9,845	-0,038	0,292
CHR10	16320406	CHR10:16320406	SSF x LoA	-8,740	0,058	0,272
CHR10	16320412	CHR10:16320412	SSF x LoA	-8,151	0,035	0,289
CHR10	16320480	CHR10:16320480	SSF x LoA	-9,579	-0,143	0,276

CHR10	16320509	CHR10:1632050	SSF x LoA	-8,562	-0,025	0,278
CHR10	16320601	CHR10:1632060	SSF x LoA	-8,503	0,023	0,281
CHR10	16320620	CHR10:1632062	SSF x LoA	-9,970	0,037	0,289
CHR10	16320629	CHR10:1632062	SSF x LoA	-8,158	0,067	0,297
CHR10	16321742	CHR10:1632174	SSF x LoA	-8,914	-0,059	0,293
CHR10	16321774	CHR10:1632177	SSF x LoA	-9,725	-0,046	0,292
CHR10	16321775	CHR10:1632177	SSF x LoA	-4,336	-0,027	0,305
CHR10	16321795	CHR10:1632179	SSF x LoA	-5,397	-0,062	0,294
CHR10	16321831	CHR10:1632183	SSF x LoA	-10,663	-0,014	0,291
CHR10	16321982	CHR10:1632198	SSF x LoA	-8,027	0,013	0,291
CHR10	16339083	CHR10:1633908	SSF x LoA	-1,929	-0,057	0,306
CHR10	1637490	CHR10:1637490	SSF x LoA	-7,314	0,142	0,287
CHR10	1640179	CHR10:1640179	SSF x LoA	-10,081	0,015	0,292
CHR10	1640259	CHR10:1640259	SSF x LoA	-8,099	0,129	0,289
CHR10	1640304	CHR10:1640304	SSF x LoA	-5,125	-0,215	0,270
CHR10	16408228	CHR10:1640822	SSF x LoA	-9,013	0,078	0,301
CHR10	16426496	CHR10:1642649	SSF x LoA	-7,549	-0,123	0,282
CHR10	16444527	CHR10:1644452	SSF x LoA	-9,669	-0,011	0,279
CHR10	16444601	CHR10:1644460	SSF x LoA	-9,064	-0,072	0,291
CHR10	16444660	CHR10:1644466	SSF x LoA	-8,338	0,102	0,282
CHR10	16444723	CHR10:1644472	SSF x LoA	-5,676	-0,161	0,288
CHR10	16444741	CHR10:1644474	SSF x LoA	-8,456	-0,088	0,291
CHR10	16444752	CHR10:1644475	SSF x LoA	-10,654	-0,017	0,283
CHR10	16444776	CHR10:1644477	SSF x LoA	-9,794	-0,043	0,280
CHR10	1645126	CHR10:1645126	SSF x LoA	-10,738	0,044	0,299
CHR10	1645294	CHR10:1645294	SSF x LoA	-0,891	-0,193	0,267
CHR10	16456227	CHR10:1645622	SSF x LoA	-11,065	-0,022	0,289
CHR10	16456247	CHR10:1645624	SSF x LoA	-7,487	0,045	0,294
CHR10	16456317	CHR10:1645631	SSF x LoA	-3,436	-0,121	0,294
CHR10	16456552	CHR10:1645655	SSF x LoA	-11,453	0,027	0,288
CHR10	16456577	CHR10:1645657	SSF x LoA	-9,180	0,014	0,295
CHR10	16456578	CHR10:1645657	SSF x LoA	-8,886	-0,025	0,303
CHR10	16456584	CHR10:1645658	SSF x LoA	-9,157	0,098	0,278
CHR10	16456599	CHR10:1645659	SSF x LoA	-11,025	0,006	0,295
CHR10	16468764	CHR10:1646876	SSF x LoA	-8,402	0,082	0,284
CHR10	16468770	CHR10:1646877	SSF x LoA	-8,107	0,079	0,286
CHR10	16468774	CHR10:1646877	SSF x LoA	-8,717	0,109	0,280
CHR10	16468797	CHR10:1646879	SSF x LoA	-9,457	-0,079	0,301
CHR10	16468801	CHR10:1646880	SSF x LoA	-6,679	0,060	0,284
CHR10	16468805	CHR10:1646880	SSF x LoA	-9,604	0,017	0,298
CHR10	16468821	CHR10:1646882	SSF x LoA	-9,085	-0,102	0,288
CHR10	16468837	CHR10:1646883	SSF x LoA	-9,367	-0,067	0,286
CHR10	16468852	CHR10:1646885	SSF x LoA	-8,863	0,091	0,276
CHR10	16471951	CHR10:1647195	SSF x LoA	-11,800	-0,009	0,280
CHR10	16471963	CHR10:1647196	SSF x LoA	-3,532	-0,109	0,289
CHR10	16471995	CHR10:1647199	SSF x LoA	-4,681	0,019	0,292
CHR10	16479025	CHR10:1647902	SSF x LoA	-8,902	0,035	0,283
CHR10	16479075	CHR10:1647907	SSF x LoA	-8,807	0,056	0,277
CHR10	16479095	CHR10:1647909	SSF x LoA	1,503	-0,167	0,301
CHR10	16490260	CHR10:1649026	SSF x LoA	-11,559	-0,040	0,295
CHR10	16490302	CHR10:1649030	SSF x LoA	-9,360	0,011	0,304
CHR10	16496900	CHR10:1649690	SSF x LoA	-9,224	-0,003	0,294
CHR10	16501427	CHR10:1650142	SSF x LoA	-6,795	0,015	0,295

CHR10	16501536	CHR10:16501536	SSF x LoA	-7,581	0,101	0,281
CHR10	16501544	CHR10:16501544	SSF x LoA	-7,734	0,129	0,307
CHR10	16516755	CHR10:16516755	SSF x LoA	-6,269	-0,064	0,289
CHR10	16516804	CHR10:16516804	SSF x LoA	-9,430	0,027	0,301
CHR10	16526369	CHR10:16526369	SSF x LoA	-5,278	-0,006	0,286
CHR10	16526421	CHR10:16526421	SSF x LoA	-8,765	-0,037	0,282
CHR10	16526572	CHR10:16526572	SSF x LoA	-7,438	-0,053	0,280
CHR10	16529586	CHR10:16529586	SSF x LoA	-8,476	0,077	0,287
CHR10	16529686	CHR10:16529686	SSF x LoA	-8,077	0,027	0,286
CHR10	16550023	CHR10:16550023	SSF x LoA	-9,052	0,050	0,298
CHR10	16550653	CHR10:16550653	SSF x LoA	-8,849	-0,064	0,296
CHR10	16550659	CHR10:16550659	SSF x LoA	-8,461	-0,015	0,302
CHR10	16587308	CHR10:16587308	SSF x LoA	-7,704	-0,069	0,298
CHR10	16587350	CHR10:16587350	SSF x LoA	-8,534	-0,027	0,285
CHR10	16587359	CHR10:16587359	SSF x LoA	-4,583	-0,052	0,305
CHR10	16587368	CHR10:16587368	SSF x LoA	-8,775	-0,056	0,289
CHR10	16587427	CHR10:16587427	SSF x LoA	-8,117	0,079	0,283
CHR10	16587449	CHR10:16587449	SSF x LoA	-8,532	0,028	0,280
CHR10	16587472	CHR10:16587472	SSF x LoA	-5,989	0,129	0,278
CHR10	16587496	CHR10:16587496	SSF x LoA	-8,942	-0,058	0,290
CHR10	16587503	CHR10:16587503	SSF x LoA	-8,722	-0,106	0,286
CHR10	16587524	CHR10:16587524	SSF x LoA	-9,496	-0,099	0,282
CHR10	16601644	CHR10:16601644	SSF x LoA	-7,544	0,077	0,279
CHR10	16601680	CHR10:16601680	SSF x LoA	-10,698	0,057	0,286
CHR10	16601705	CHR10:16601705	SSF x LoA	-10,612	0,020	0,286
CHR10	16601717	CHR10:16601717	SSF x LoA	-7,185	0,046	0,306
CHR10	16612875	CHR10:16612875	SSF x LoA	-8,121	-0,044	0,285
CHR10	16612930	CHR10:16612930	SSF x LoA	-6,874	0,023	0,305
CHR10	16616281	CHR10:16616281	SSF x LoA	-8,151	-0,109	0,291
CHR10	16616284	CHR10:16616284	SSF x LoA	1,373	-0,118	0,291
CHR10	16616404	CHR10:16616404	SSF x LoA	-11,672	-0,042	0,290
CHR10	16616469	CHR10:16616469	SSF x LoA	-11,149	0,062	0,287
CHR10	16616566	CHR10:16616566	SSF x LoA	-8,165	-0,005	0,283
CHR10	16616571	CHR10:16616571	SSF x LoA	-7,905	-0,080	0,277
CHR10	16637608	CHR10:16637608	SSF x LoA	-10,590	-0,086	0,282
CHR10	16637610	CHR10:16637610	SSF x LoA	-2,360	-0,062	0,288
CHR10	16637761	CHR10:16637761	SSF x LoA	-8,185	0,013	0,302
CHR10	16637857	CHR10:16637857	SSF x LoA	-9,083	-0,076	0,283
CHR10	16645566	CHR10:16645566	SSF x LoA	-6,800	0,085	0,293
CHR10	16645579	CHR10:16645579	SSF x LoA	-8,374	0,032	0,283
CHR10	16649459	CHR10:16649459	SSF x LoA	-8,812	-0,076	0,293
CHR10	16649513	CHR10:16649513	SSF x LoA	-6,963	0,075	0,283
CHR10	16649545	CHR10:16649545	SSF x LoA	-8,564	0,102	0,274
CHR10	16649599	CHR10:16649599	SSF x LoA	-8,619	-0,093	0,279
CHR10	16651405	CHR10:16651405	SSF x LoA	-4,532	0,099	0,303
CHR10	16651471	CHR10:16651471	SSF x LoA	-9,355	0,038	0,298
CHR10	16651646	CHR10:16651646	SSF x LoA	-7,604	-0,109	0,277
CHR10	16653244	CHR10:16653244	SSF x LoA	-11,063	-0,061	0,281
CHR10	16653466	CHR10:16653466	SSF x LoA	-10,791	-0,118	0,282
CHR10	16656382	CHR10:16656382	SSF x LoA	-9,972	-0,006	0,290
CHR10	16656426	CHR10:16656426	SSF x LoA	-10,466	0,013	0,287
CHR10	16662357	CHR10:16662357	SSF x LoA	-7,646	0,081	0,298
CHR10	16662381	CHR10:16662381	SSF x LoA	-7,871	0,074	0,281

CHR10	16662397	CHR10:16662397	SSF x LoA	-6,958	0,045	0,288
CHR10	16662435	CHR10:16662435	SSF x LoA	-8,675	0,070	0,288
CHR10	16662492	CHR10:16662492	SSF x LoA	-10,425	0,002	0,290
CHR10	16662531	CHR10:16662531	SSF x LoA	-9,075	-0,007	0,291
CHR10	16664207	CHR10:16664207	SSF x LoA	-10,027	-0,107	0,279
CHR10	1671130	CHR10:1671130	SSF x LoA	-8,323	-0,066	0,274
CHR10	1671202	CHR10:1671202	SSF x LoA	-10,223	-0,061	0,285
CHR10	16728656	CHR10:16728656	SSF x LoA	-1,998	0,224	0,286
CHR10	16750716	CHR10:16750716	SSF x LoA	-9,995	0,038	0,291
CHR10	16750721	CHR10:16750721	SSF x LoA	-8,119	-0,131	0,290
CHR10	16750753	CHR10:16750753	SSF x LoA	-11,423	-0,056	0,280
CHR10	16750778	CHR10:16750778	SSF x LoA	-10,739	-0,064	0,289
CHR10	16750814	CHR10:16750814	SSF x LoA	-6,107	0,104	0,287
CHR10	16750816	CHR10:16750816	SSF x LoA	-7,154	0,099	0,288
CHR10	16750824	CHR10:16750824	SSF x LoA	-8,576	0,086	0,291
CHR10	16750841	CHR10:16750841	SSF x LoA	-7,579	0,082	0,281
CHR10	16753036	CHR10:16753036	SSF x LoA	-9,868	0,030	0,291
CHR10	16756302	CHR10:16756302	SSF x LoA	-3,636	0,195	0,267
CHR10	16756375	CHR10:16756375	SSF x LoA	-7,973	-0,094	0,290
CHR10	16756424	CHR10:16756424	SSF x LoA	-9,724	-0,087	0,290
CHR10	16756438	CHR10:16756438	SSF x LoA	-6,297	0,055	0,282
CHR10	16756487	CHR10:16756487	SSF x LoA	-4,719	0,147	0,289
CHR10	16768746	CHR10:16768746	SSF x LoA	-11,175	0,053	0,296
CHR10	16768788	CHR10:16768788	SSF x LoA	-9,277	-0,034	0,282
CHR10	16768838	CHR10:16768838	SSF x LoA	-8,799	0,017	0,286
CHR10	16768861	CHR10:16768861	SSF x LoA	-9,152	0,004	0,288
CHR10	16773072	CHR10:16773072	SSF x LoA	-11,225	0,031	0,271
CHR10	16773109	CHR10:16773109	SSF x LoA	-4,283	-0,171	0,296
CHR10	16775713	CHR10:16775713	SSF x LoA	-8,953	0,038	0,287
CHR10	16775790	CHR10:16775790	SSF x LoA	-8,329	0,081	0,285
CHR10	16775796	CHR10:16775796	SSF x LoA	-8,287	0,072	0,273
CHR10	16775860	CHR10:16775860	SSF x LoA	-7,704	-0,077	0,283
CHR10	16775884	CHR10:16775884	SSF x LoA	-7,003	-0,045	0,278
CHR10	16795997	CHR10:16795997	SSF x LoA	-11,195	0,017	0,286
CHR10	16795998	CHR10:16795998	SSF x LoA	-6,710	0,044	0,304
CHR10	16796007	CHR10:16796007	SSF x LoA	-11,043	0,036	0,292
CHR10	16800141	CHR10:16800141	SSF x LoA	-9,342	0,032	0,291
CHR10	16800232	CHR10:16800232	SSF x LoA	-12,050	-0,047	0,291
CHR10	16800300	CHR10:16800300	SSF x LoA	-6,524	-0,063	0,307
CHR10	16809028	CHR10:16809028	SSF x LoA	-9,907	0,077	0,299
CHR10	16809093	CHR10:16809093	SSF x LoA	-10,349	-0,025	0,288
CHR10	16826306	CHR10:16826306	SSF x LoA	-8,068	0,080	0,293
CHR10	16826407	CHR10:16826407	SSF x LoA	-5,731	0,070	0,295
CHR10	16826492	CHR10:16826492	SSF x LoA	-8,994	-0,078	0,293
CHR10	16826538	CHR10:16826538	SSF x LoA	-9,429	0,054	0,290
CHR10	16826590	CHR10:16826590	SSF x LoA	-5,333	0,016	0,299
CHR10	16826593	CHR10:16826593	SSF x LoA	-8,729	0,025	0,301
CHR10	16838923	CHR10:16838923	SSF x LoA	-9,028	-0,028	0,283
CHR10	16838987	CHR10:16838987	SSF x LoA	-3,505	0,192	0,274
CHR10	16839006	CHR10:16839006	SSF x LoA	-11,304	-0,054	0,278
CHR10	16839085	CHR10:16839085	SSF x LoA	-4,816	-0,137	0,281
CHR10	1685205	CHR10:1685205	SSF x LoA	-8,155	0,026	0,300
CHR10	16853056	CHR10:16853056	SSF x LoA	-10,454	0,025	0,284

CHR10	16853117	CHR10:16853117	SSF x LoA	-8,552	-0,032	0,282
CHR10	16853121	CHR10:16853121	SSF x LoA	-8,129	-0,064	0,290
CHR10	16853230	CHR10:16853230	SSF x LoA	-8,371	-0,008	0,299
CHR10	1685478	CHR10:1685478	SSF x LoA	-9,995	0,036	0,296
CHR10	1685496	CHR10:1685496	SSF x LoA	-8,587	0,155	0,279
CHR10	1685505	CHR10:1685505	SSF x LoA	-9,359	0,134	0,289
CHR10	1685517	CHR10:1685517	SSF x LoA	-9,197	0,052	0,291
CHR10	16862019	CHR10:16862019	SSF x LoA	-10,332	0,013	0,290
CHR10	16862030	CHR10:16862030	SSF x LoA	-11,314	0,004	0,265
CHR10	16862044	CHR10:16862044	SSF x LoA	-5,972	-0,163	0,278
CHR10	16862130	CHR10:16862130	SSF x LoA	-7,903	0,040	0,296
CHR10	16862296	CHR10:16862296	SSF x LoA	-6,497	-0,088	0,278
CHR10	16901649	CHR10:16901649	SSF x LoA	-10,167	-0,041	0,286
CHR10	16901806	CHR10:16901806	SSF x LoA	-6,766	0,169	0,303
CHR10	16901888	CHR10:16901888	SSF x LoA	-9,072	-0,025	0,287
CHR10	16901892	CHR10:16901892	SSF x LoA	-10,023	-0,016	0,284
CHR10	16901947	CHR10:16901947	SSF x LoA	-10,715	-0,035	0,284
CHR10	16901958	CHR10:16901958	SSF x LoA	-9,245	-0,014	0,290
CHR10	16902032	CHR10:16902032	SSF x LoA	-7,949	0,007	0,296
CHR10	16902041	CHR10:16902041	SSF x LoA	-6,708	0,114	0,283
CHR10	16902049	CHR10:16902049	SSF x LoA	-9,738	-0,041	0,290
CHR10	16902078	CHR10:16902078	SSF x LoA	-8,911	0,105	0,284
CHR10	1690591	CHR10:1690591	SSF x LoA	-9,089	-0,093	0,283
CHR10	1690690	CHR10:1690690	SSF x LoA	-6,403	-0,047	0,297
CHR10	16908417	CHR10:16908417	SSF x LoA	-6,683	-0,064	0,295
CHR10	16908434	CHR10:16908434	SSF x LoA	-6,856	-0,086	0,291
CHR10	1690904	CHR10:1690904	SSF x LoA	-7,155	0,100	0,280
CHR10	1690906	CHR10:1690906	SSF x LoA	-8,934	0,112	0,282
CHR10	1690908	CHR10:1690908	SSF x LoA	-9,825	0,114	0,283
CHR10	1690909	CHR10:1690909	SSF x LoA	-9,769	0,086	0,291
CHR10	16910617	CHR10:16910617	SSF x LoA	-10,011	0,043	0,292
CHR10	16910645	CHR10:16910645	SSF x LoA	-10,080	0,069	0,317
CHR10	16910685	CHR10:16910685	SSF x LoA	-10,712	-0,023	0,284
CHR10	16911883	CHR10:16911883	SSF x LoA	-10,128	-0,010	0,290
CHR10	16911906	CHR10:16911906	SSF x LoA	-10,545	-0,043	0,300
CHR10	16911925	CHR10:16911925	SSF x LoA	-7,750	-0,036	0,305
CHR10	16912001	CHR10:16912001	SSF x LoA	-6,653	-0,096	0,283
CHR10	16912006	CHR10:16912006	SSF x LoA	-9,117	0,044	0,299
CHR10	16926976	CHR10:16926976	SSF x LoA	-8,722	-0,017	0,287
CHR10	16927022	CHR10:16927022	SSF x LoA	-9,758	0,022	0,292
CHR10	16927041	CHR10:16927041	SSF x LoA	-8,322	-0,024	0,286
CHR10	16927185	CHR10:16927185	SSF x LoA	3,087	0,138	0,290
CHR10	16927189	CHR10:16927189	SSF x LoA	-5,821	-0,084	0,287
CHR10	16927190	CHR10:16927190	SSF x LoA	-9,923	0,066	0,289
CHR10	16934402	CHR10:16934402	SSF x LoA	-8,946	0,069	0,298
CHR10	16934417	CHR10:16934417	SSF x LoA	-9,805	0,075	0,280
CHR10	16934440	CHR10:16934440	SSF x LoA	-9,446	-0,074	0,274
CHR10	16934594	CHR10:16934594	SSF x LoA	-10,823	0,028	0,270
CHR10	16942626	CHR10:16942626	SSF x LoA	-8,758	0,012	0,301
CHR10	16942668	CHR10:16942668	SSF x LoA	-10,204	0,021	0,287
CHR10	16953196	CHR10:16953196	SSF x LoA	-1,432	-0,028	0,295
CHR10	16953535	CHR10:16953535	SSF x LoA	-9,022	-0,055	0,295
CHR10	16970683	CHR10:16970683	SSF x LoA	-8,710	-0,015	0,302

CHR10	16970690	CHR10:1697069(	SSF x LoA	-10,756	-0,119	0,281
CHR10	16975574	CHR10:16975574	SSF x LoA	-7,617	0,018	0,297
CHR10	16975579	CHR10:1697557(	SSF x LoA	-10,414	-0,014	0,285
CHR10	16975633	CHR10:16975633	SSF x LoA	-9,261	0,005	0,281
CHR10	16975666	CHR10:16975666	SSF x LoA	-7,284	-0,074	0,289
CHR10	16976466	CHR10:16976466	SSF x LoA	-9,580	0,052	0,280
CHR10	16980114	CHR10:16980114	SSF x LoA	-7,496	0,058	0,304
CHR10	16980124	CHR10:16980124	SSF x LoA	-9,184	0,105	0,301
CHR10	16980133	CHR10:16980133	SSF x LoA	-8,249	0,163	0,291
CHR10	16983225	CHR10:16983225	SSF x LoA	-7,713	-0,024	0,293
CHR10	16988551	CHR10:16988551	SSF x LoA	-9,948	-0,045	0,294
CHR10	16988560	CHR10:1698856(	SSF x LoA	-7,319	-0,009	0,289
CHR10	17000255	CHR10:17000255	SSF x LoA	-9,251	0,038	0,302
CHR10	17009809	CHR10:1700980(	SSF x LoA	-10,339	-0,069	0,290
CHR10	17009813	CHR10:17009813	SSF x LoA	-7,175	0,131	0,291
CHR10	17009906	CHR10:17009906	SSF x LoA	-7,154	0,053	0,294
CHR10	17009910	CHR10:1700991(	SSF x LoA	-9,104	-0,074	0,294
CHR10	17009918	CHR10:17009918	SSF x LoA	-9,934	-0,116	0,279
CHR10	17009929	CHR10:1700992(	SSF x LoA	-9,017	0,024	0,290
CHR10	17009948	CHR10:17009948	SSF x LoA	-10,315	0,103	0,305
CHR10	17009983	CHR10:17009983	SSF x LoA	-10,008	-0,099	0,299
CHR10	17014079	CHR10:1701407(	SSF x LoA	-3,120	-0,018	0,309
CHR10	17014141	CHR10:17014141	SSF x LoA	-8,119	0,069	0,295
CHR10	17014151	CHR10:17014151	SSF x LoA	-8,486	-0,058	0,278
CHR10	17014304	CHR10:17014304	SSF x LoA	-4,891	0,056	0,293
CHR10	17014361	CHR10:17014361	SSF x LoA	-10,222	0,037	0,291
CHR10	17023747	CHR10:17023747	SSF x LoA	0,959	0,047	0,287
CHR10	17032340	CHR10:1703234(	SSF x LoA	-9,521	0,027	0,285
CHR10	17032361	CHR10:17032361	SSF x LoA	-10,167	0,040	0,278
CHR10	17032373	CHR10:17032373	SSF x LoA	-9,101	0,089	0,299
CHR10	17032483	CHR10:17032483	SSF x LoA	-7,602	0,118	0,281
CHR10	17032484	CHR10:17032484	SSF x LoA	-7,629	0,142	0,267
CHR10	17032486	CHR10:17032486	SSF x LoA	-8,127	-0,031	0,294
CHR10	17032518	CHR10:17032518	SSF x LoA	-9,608	0,142	0,304
CHR10	17032556	CHR10:17032556	SSF x LoA	-8,136	0,030	0,287
CHR10	17032575	CHR10:17032575	SSF x LoA	-7,809	-0,050	0,298
CHR10	17042646	CHR10:17042646	SSF x LoA	-7,646	0,075	0,287
CHR10	17042673	CHR10:17042673	SSF x LoA	-7,456	0,010	0,287
CHR10	17042726	CHR10:17042726	SSF x LoA	-8,393	-0,147	0,290
CHR10	17042737	CHR10:17042737	SSF x LoA	-3,357	-0,114	0,287
CHR10	17042758	CHR10:17042758	SSF x LoA	-4,583	0,137	0,300
CHR10	17046719	CHR10:17046719	SSF x LoA	-10,486	0,037	0,296
CHR10	17046755	CHR10:17046755	SSF x LoA	-8,263	0,068	0,286
CHR10	17046761	CHR10:17046761	SSF x LoA	-8,150	0,053	0,280
CHR10	17046831	CHR10:17046831	SSF x LoA	-10,773	-0,057	0,280
CHR10	17046892	CHR10:17046892	SSF x LoA	-9,824	-0,012	0,287
CHR10	17058787	CHR10:17058787	SSF x LoA	-10,039	0,041	0,297
CHR10	17062785	CHR10:17062785	SSF x LoA	-10,085	-0,045	0,289
CHR10	1707219	CHR10:1707219	SSF x LoA	-5,945	-0,033	0,291
CHR10	1707346	CHR10:1707346	SSF x LoA	-9,616	-0,026	0,287
CHR10	1707384	CHR10:1707384	SSF x LoA	-10,082	-0,001	0,298
CHR10	17087536	CHR10:17087536	SSF x LoA	-8,940	0,080	0,287
CHR10	17087605	CHR10:17087605	SSF x LoA	-3,793	0,191	0,284

CHR10	17089889	CHR10:17089889	SSF x LoA	-6,886	-0,089	0,287
CHR10	17089981	CHR10:17089981	SSF x LoA	-7,225	0,116	0,285
CHR10	17090013	CHR10:17090013	SSF x LoA	-11,241	-0,045	0,290
CHR10	17095240	CHR10:17095240	SSF x LoA	-9,527	0,016	0,296
CHR10	17098164	CHR10:17098164	SSF x LoA	-6,340	-0,034	0,287
CHR10	17098194	CHR10:17098194	SSF x LoA	-9,340	-0,085	0,282
CHR10	17108416	CHR10:17108416	SSF x LoA	-9,146	-0,056	0,268
CHR10	17108430	CHR10:17108430	SSF x LoA	-7,493	-0,068	0,279
CHR10	17108432	CHR10:17108432	SSF x LoA	-7,352	0,135	0,287
CHR10	17114111	CHR10:17114111	SSF x LoA	-8,176	0,148	0,291
CHR10	17114194	CHR10:17114194	SSF x LoA	-5,457	0,163	0,291
CHR10	17114195	CHR10:17114195	SSF x LoA	-4,030	0,218	0,280
CHR10	17114333	CHR10:17114333	SSF x LoA	-4,748	-0,199	0,286
CHR10	17118658	CHR10:17118658	SSF x LoA	-8,562	0,044	0,291
CHR10	17118660	CHR10:17118660	SSF x LoA	-10,209	-0,059	0,275
CHR10	17118745	CHR10:17118745	SSF x LoA	-10,632	-0,003	0,287
CHR10	1712278	CHR10:1712278	SSF x LoA	-9,971	0,000	0,300
CHR10	1712379	CHR10:1712379	SSF x LoA	-10,220	0,006	0,289
CHR10	1712480	CHR10:1712480	SSF x LoA	-9,106	-0,010	0,297
CHR10	17141519	CHR10:17141519	SSF x LoA	-7,165	-0,178	0,294
CHR10	17141648	CHR10:17141648	SSF x LoA	-8,380	0,007	0,294
CHR10	17141653	CHR10:17141653	SSF x LoA	-9,140	-0,017	0,293
CHR10	17141669	CHR10:17141669	SSF x LoA	-10,380	0,007	0,295
CHR10	17141714	CHR10:17141714	SSF x LoA	-7,046	0,031	0,254
CHR10	17151232	CHR10:17151232	SSF x LoA	1,889	0,197	0,270
CHR10	17151261	CHR10:17151261	SSF x LoA	-6,625	-0,002	0,304
CHR10	17151366	CHR10:17151366	SSF x LoA	-7,488	-0,035	0,297
CHR10	17151396	CHR10:17151396	SSF x LoA	-4,853	0,117	0,271
CHR10	17151399	CHR10:17151399	SSF x LoA	-7,391	-0,003	0,279
CHR10	17152862	CHR10:17152862	SSF x LoA	-5,514	0,114	0,297
CHR10	17173454	CHR10:17173454	SSF x LoA	-2,623	0,159	0,281
CHR10	17201902	CHR10:17201902	SSF x LoA	-5,512	0,119	0,305
CHR10	17201918	CHR10:17201918	SSF x LoA	-7,887	-0,118	0,279
CHR10	17201934	CHR10:17201934	SSF x LoA	-8,817	0,043	0,297
CHR10	17202033	CHR10:17202033	SSF x LoA	-4,374	0,105	0,303
CHR10	17215584	CHR10:17215584	SSF x LoA	-8,435	-0,101	0,283
CHR10	17215675	CHR10:17215675	SSF x LoA	-7,222	-0,066	0,289
CHR10	17223047	CHR10:17223047	SSF x LoA	-9,558	-0,079	0,290
CHR10	17226875	CHR10:17226875	SSF x LoA	-6,405	0,102	0,287
CHR10	17226985	CHR10:17226985	SSF x LoA	-9,812	-0,046	0,280
CHR10	17227136	CHR10:17227136	SSF x LoA	-7,626	-0,056	0,274
CHR10	17243522	CHR10:17243522	SSF x LoA	-9,953	-0,075	0,285
CHR10	17249736	CHR10:17249736	SSF x LoA	-9,276	0,039	0,285
CHR10	17249773	CHR10:17249773	SSF x LoA	-9,241	0,112	0,291
CHR10	17249912	CHR10:17249912	SSF x LoA	-8,030	-0,078	0,284
CHR10	17249941	CHR10:17249941	SSF x LoA	-8,789	-0,043	0,297
CHR10	17260008	CHR10:17260008	SSF x LoA	-8,517	-0,001	0,295
CHR10	17260085	CHR10:17260085	SSF x LoA	-7,961	-0,003	0,299
CHR10	17264686	CHR10:17264686	SSF x LoA	-5,710	0,023	0,308
CHR10	17272205	CHR10:17272205	SSF x LoA	-4,853	-0,145	0,272
CHR10	17272352	CHR10:17272352	SSF x LoA	-7,669	-0,066	0,272
CHR10	17278406	CHR10:17278406	SSF x LoA	-10,757	-0,058	0,283
CHR10	17278437	CHR10:17278437	SSF x LoA	-10,759	-0,097	0,290

CHR10	17279742	CHR10:17279742	SSF x LoA	-10,484	-0,045	0,287
CHR10	17279760	CHR10:17279760	SSF x LoA	-9,868	0,072	0,290
CHR10	17279807	CHR10:17279807	SSF x LoA	-9,406	-0,022	0,291
CHR10	17279882	CHR10:17279882	SSF x LoA	-4,775	0,063	0,288
CHR10	17279897	CHR10:17279897	SSF x LoA	-8,500	-0,153	0,276
CHR10	17290226	CHR10:17290226	SSF x LoA	6,444	-0,149	0,286
CHR10	17290511	CHR10:17290511	SSF x LoA	-9,554	-0,020	0,300
CHR10	17290523	CHR10:17290523	SSF x LoA	-10,776	-0,106	0,283
CHR10	17302773	CHR10:17302773	SSF x LoA	-6,681	0,231	0,271
CHR10	17302828	CHR10:17302828	SSF x LoA	4,380	0,176	0,299
CHR10	17302850	CHR10:17302850	SSF x LoA	-8,552	-0,041	0,299
CHR10	17307679	CHR10:17307679	SSF x LoA	-9,261	-0,103	0,293
CHR10	17307777	CHR10:17307777	SSF x LoA	-10,803	-0,085	0,277
CHR10	17307824	CHR10:17307824	SSF x LoA	-9,268	-0,049	0,299
CHR10	17311957	CHR10:17311957	SSF x LoA	-11,502	-0,020	0,282
CHR10	17318831	CHR10:17318831	SSF x LoA	-10,263	-0,073	0,291
CHR10	17318913	CHR10:17318913	SSF x LoA	-3,436	-0,109	0,296
CHR10	17318933	CHR10:17318933	SSF x LoA	-9,970	0,051	0,299
CHR10	17318953	CHR10:17318953	SSF x LoA	-8,388	-0,150	0,291
CHR10	17323104	CHR10:17323104	SSF x LoA	-8,118	-0,002	0,302
CHR10	17334640	CHR10:17334640	SSF x LoA	-10,875	0,035	0,283
CHR10	17334733	CHR10:17334733	SSF x LoA	-7,623	-0,009	0,305
CHR10	17344668	CHR10:17344668	SSF x LoA	-4,481	0,026	0,297
CHR10	17344675	CHR10:17344675	SSF x LoA	-6,312	0,107	0,283
CHR10	17344737	CHR10:17344737	SSF x LoA	-11,240	0,040	0,293
CHR10	17344757	CHR10:17344757	SSF x LoA	-8,412	0,133	0,275
CHR10	17344794	CHR10:17344794	SSF x LoA	-9,482	0,049	0,275
CHR10	17344881	CHR10:17344881	SSF x LoA	-7,163	0,114	0,282
CHR10	17344920	CHR10:17344920	SSF x LoA	-11,724	-0,013	0,288
CHR10	1734671	CHR10:1734671	SSF x LoA	-8,807	-0,115	0,284
CHR10	1734691	CHR10:1734691	SSF x LoA	-4,548	-0,202	0,274
CHR10	1734816	CHR10:1734816	SSF x LoA	-3,020	-0,137	0,282
CHR10	1734900	CHR10:1734900	SSF x LoA	-8,567	-0,082	0,282
CHR10	17355508	CHR10:17355508	SSF x LoA	-9,161	-0,086	0,302
CHR10	17355515	CHR10:17355515	SSF x LoA	-9,948	0,125	0,285
CHR10	17355536	CHR10:17355536	SSF x LoA	-7,960	-0,038	0,288
CHR10	17355585	CHR10:17355585	SSF x LoA	9,912	-0,160	0,287
CHR10	17355657	CHR10:17355657	SSF x LoA	-9,656	-0,064	0,294
CHR10	17372798	CHR10:17372798	SSF x LoA	-6,548	0,040	0,298
CHR10	17372831	CHR10:17372831	SSF x LoA	-10,987	-0,010	0,292
CHR10	17372887	CHR10:17372887	SSF x LoA	-8,555	0,034	0,289
CHR10	17372954	CHR10:17372954	SSF x LoA	-7,738	0,075	0,302
CHR10	17372983	CHR10:17372983	SSF x LoA	-6,975	-0,077	0,297
CHR10	17373006	CHR10:17373006	SSF x LoA	-9,239	-0,015	0,298
CHR10	17373052	CHR10:17373052	SSF x LoA	-3,526	0,125	0,273
CHR10	17404550	CHR10:17404550	SSF x LoA	-10,021	0,000	0,283
CHR10	17404615	CHR10:17404615	SSF x LoA	-6,719	-0,161	0,291
CHR10	17404648	CHR10:17404648	SSF x LoA	-8,002	-0,099	0,284
CHR10	17404681	CHR10:17404681	SSF x LoA	-10,582	-0,025	0,289
CHR10	17404710	CHR10:17404710	SSF x LoA	-8,479	-0,029	0,289
CHR10	17404749	CHR10:17404749	SSF x LoA	-7,278	-0,122	0,288
CHR10	17404762	CHR10:17404762	SSF x LoA	-11,091	-0,037	0,274
CHR10	17404802	CHR10:17404802	SSF x LoA	-7,732	-0,066	0,294

CHR10	17404878	CHR10:17404878	SSF x LoA	-9,556	-0,098	0,292
CHR10	17408582	CHR10:17408582	SSF x LoA	-9,105	-0,117	0,295
CHR10	17408602	CHR10:17408602	SSF x LoA	-10,566	-0,068	0,283
CHR10	17408621	CHR10:17408621	SSF x LoA	-10,374	-0,065	0,284
CHR10	17408681	CHR10:17408681	SSF x LoA	-9,388	-0,054	0,304
CHR10	17408692	CHR10:17408692	SSF x LoA	-10,240	0,010	0,286
CHR10	17408696	CHR10:17408696	SSF x LoA	-9,631	-0,003	0,290
CHR10	17408700	CHR10:17408700	SSF x LoA	-7,690	0,064	0,285
CHR10	17408750	CHR10:17408750	SSF x LoA	-7,405	0,023	0,299
CHR10	17408757	CHR10:17408757	SSF x LoA	-8,986	0,039	0,286
CHR10	17408768	CHR10:17408768	SSF x LoA	-8,620	-0,047	0,298
CHR10	17408779	CHR10:17408779	SSF x LoA	-10,399	0,051	0,287
CHR10	17429468	CHR10:17429468	SSF x LoA	-9,136	-0,039	0,295
CHR10	17429523	CHR10:17429523	SSF x LoA	-8,017	0,099	0,288
CHR10	1744270	CHR10:1744270	SSF x LoA	-7,606	-0,091	0,269
CHR10	17454745	CHR10:17454745	SSF x LoA	-2,233	-0,216	0,283
CHR10	17456334	CHR10:17456334	SSF x LoA	-9,960	-0,066	0,294
CHR10	17472871	CHR10:17472871	SSF x LoA	-9,726	0,043	0,288
CHR10	17489028	CHR10:17489028	SSF x LoA	-6,403	0,077	0,299
CHR10	17491952	CHR10:17491952	SSF x LoA	-10,096	0,074	0,298
CHR10	17522063	CHR10:17522063	SSF x LoA	-8,952	-0,069	0,285
CHR10	17531632	CHR10:17531632	SSF x LoA	-7,697	-0,018	0,304
CHR10	17531648	CHR10:17531648	SSF x LoA	-7,969	0,113	0,295
CHR10	17531655	CHR10:17531655	SSF x LoA	-7,298	0,117	0,287
CHR10	17531700	CHR10:17531700	SSF x LoA	-7,996	0,050	0,302
CHR10	17540299	CHR10:17540299	SSF x LoA	-9,837	0,139	0,283
CHR10	17540354	CHR10:17540354	SSF x LoA	-5,324	-0,214	0,258
CHR10	17540379	CHR10:17540379	SSF x LoA	-7,913	0,146	0,283
CHR10	17540398	CHR10:17540398	SSF x LoA	-8,868	-0,144	0,274
CHR10	17563036	CHR10:17563036	SSF x LoA	-3,444	0,153	0,300
CHR10	17563043	CHR10:17563043	SSF x LoA	-8,353	0,011	0,284
CHR10	17563156	CHR10:17563156	SSF x LoA	-4,488	0,151	0,287
CHR10	17563176	CHR10:17563176	SSF x LoA	-8,265	0,039	0,295
CHR10	17563241	CHR10:17563241	SSF x LoA	-8,658	0,013	0,295
CHR10	17566766	CHR10:17566766	SSF x LoA	-9,298	-0,103	0,278
CHR10	17566780	CHR10:17566780	SSF x LoA	-5,800	0,152	0,274
CHR10	17566807	CHR10:17566807	SSF x LoA	-6,358	0,089	0,290
CHR10	17566862	CHR10:17566862	SSF x LoA	-7,256	-0,053	0,278
CHR10	17589828	CHR10:17589828	SSF x LoA	-7,018	0,107	0,295
CHR10	17594553	CHR10:17594553	SSF x LoA	-7,866	-0,088	0,286
CHR10	17594603	CHR10:17594603	SSF x LoA	-1,565	-0,027	0,303
CHR10	17596816	CHR10:17596816	SSF x LoA	-2,672	-0,149	0,293
CHR10	17596863	CHR10:17596863	SSF x LoA	-4,588	-0,163	0,282
CHR10	17596992	CHR10:17596992	SSF x LoA	-6,708	0,135	0,295
CHR10	17597002	CHR10:17597002	SSF x LoA	-11,704	-0,029	0,283
CHR10	17597044	CHR10:17597044	SSF x LoA	-9,154	0,040	0,293
CHR10	17625637	CHR10:17625637	SSF x LoA	-6,828	0,088	0,312
CHR10	17631238	CHR10:17631238	SSF x LoA	-8,293	0,058	0,292
CHR10	17631241	CHR10:17631241	SSF x LoA	-6,030	0,061	0,293
CHR10	17637879	CHR10:17637879	SSF x LoA	-9,363	-0,109	0,304
CHR10	17637914	CHR10:17637914	SSF x LoA	14,988	-0,005	0,292
CHR10	17637937	CHR10:17637937	SSF x LoA	-10,536	-0,025	0,304
CHR10	17637961	CHR10:17637961	SSF x LoA	-10,855	-0,052	0,302

CHR10	17657246	CHR10:1765724	SSF x LoA	-10,568	-0,095	0,277
CHR10	17657247	CHR10:1765724	SSF x LoA	-10,557	0,015	0,289
CHR10	17657270	CHR10:1765727	SSF x LoA	-9,492	-0,040	0,287
CHR10	17657271	CHR10:1765727	SSF x LoA	-10,219	-0,020	0,274
CHR10	17657280	CHR10:1765728	SSF x LoA	-9,782	-0,057	0,290
CHR10	17657324	CHR10:1765732	SSF x LoA	-8,670	-0,087	0,293
CHR10	17657340	CHR10:1765734	SSF x LoA	-9,635	-0,087	0,305
CHR10	17657355	CHR10:1765735	SSF x LoA	-9,673	-0,096	0,287
CHR10	1765940	CHR10:1765940	SSF x LoA	-10,015	0,072	0,300
CHR10	17666034	CHR10:1766603	SSF x LoA	-10,873	0,019	0,288
CHR10	17674448	CHR10:1767444	SSF x LoA	-7,815	0,020	0,297
CHR10	17674486	CHR10:1767448	SSF x LoA	-9,973	0,021	0,300
CHR10	17674528	CHR10:1767452	SSF x LoA	-9,849	-0,004	0,288
CHR10	17690504	CHR10:1769050	SSF x LoA	-8,011	-0,095	0,294
CHR10	17690526	CHR10:1769052	SSF x LoA	-8,702	-0,083	0,276
CHR10	17690539	CHR10:1769053	SSF x LoA	-10,219	0,044	0,301
CHR10	17690570	CHR10:1769057	SSF x LoA	-7,398	0,094	0,303
CHR10	17696923	CHR10:1769692	SSF x LoA	-9,116	0,024	0,284
CHR10	17696942	CHR10:1769694	SSF x LoA	-8,538	-0,040	0,287
CHR10	17696946	CHR10:1769694	SSF x LoA	-7,071	-0,204	0,273
CHR10	17711956	CHR10:1771195	SSF x LoA	-8,786	0,015	0,288
CHR10	17711961	CHR10:1771196	SSF x LoA	-7,832	-0,009	0,295
CHR10	17711998	CHR10:1771199	SSF x LoA	-8,572	-0,126	0,275
CHR10	17712045	CHR10:1771204	SSF x LoA	-9,635	-0,024	0,295
CHR10	17712049	CHR10:1771204	SSF x LoA	-6,183	-0,077	0,290
CHR10	17719738	CHR10:1771973	SSF x LoA	-7,044	0,085	0,289
CHR10	17719751	CHR10:1771975	SSF x LoA	-1,095	-0,168	0,295
CHR10	17719792	CHR10:1771979	SSF x LoA	-7,319	-0,119	0,285
CHR10	17719877	CHR10:1771987	SSF x LoA	-8,188	0,001	0,296
CHR10	17729551	CHR10:1772955	SSF x LoA	-6,172	-0,104	0,283
CHR10	17729560	CHR10:1772956	SSF x LoA	-8,145	-0,015	0,286
CHR10	17731296	CHR10:1773129	SSF x LoA	-7,135	-0,132	0,287
CHR10	17731314	CHR10:1773131	SSF x LoA	-8,386	0,013	0,272
CHR10	17731403	CHR10:1773140	SSF x LoA	-10,813	0,081	0,289
CHR10	1774227	CHR10:1774227	SSF x LoA	-9,982	-0,068	0,300
CHR10	1774266	CHR10:1774266	SSF x LoA	-8,098	-0,047	0,300
CHR10	17747279	CHR10:1774727	SSF x LoA	-10,798	-0,059	0,294
CHR10	17784196	CHR10:1778419	SSF x LoA	1,169	0,049	0,306
CHR10	17784208	CHR10:1778420	SSF x LoA	-9,708	0,104	0,288
CHR10	17784250	CHR10:1778425	SSF x LoA	-8,608	0,019	0,300
CHR10	17784277	CHR10:1778427	SSF x LoA	-7,614	0,075	0,295
CHR10	17784279	CHR10:1778427	SSF x LoA	-8,638	0,148	0,286
CHR10	17784334	CHR10:1778433	SSF x LoA	-10,673	-0,086	0,282
CHR10	17784405	CHR10:1778440	SSF x LoA	-9,610	-0,075	0,275
CHR10	1780749	CHR10:1780749	SSF x LoA	1,741	-0,079	0,288
CHR10	1780839	CHR10:1780839	SSF x LoA	-8,440	0,067	0,291
CHR10	17829496	CHR10:1782949	SSF x LoA	-6,751	0,122	0,296
CHR10	17838679	CHR10:1783867	SSF x LoA	-5,296	-0,137	0,282
CHR10	17838681	CHR10:1783868	SSF x LoA	-7,057	0,043	0,287
CHR10	17838690	CHR10:1783869	SSF x LoA	-7,550	-0,168	0,282
CHR10	17838887	CHR10:1783888	SSF x LoA	-9,458	0,078	0,281
CHR10	17838890	CHR10:1783889	SSF x LoA	-9,060	-0,060	0,281
CHR10	17838901	CHR10:1783890	SSF x LoA	-10,656	-0,038	0,281

CHR10	17838927	CHR10:17838927	SSF x LoA	-7,127	0,169	0,281
CHR10	17841034	CHR10:17841034	SSF x LoA	-10,489	0,015	0,287
CHR10	17841053	CHR10:17841053	SSF x LoA	-8,401	-0,106	0,291
CHR10	17841073	CHR10:17841073	SSF x LoA	-10,444	0,050	0,297
CHR10	17841130	CHR10:17841130	SSF x LoA	-1,564	-0,124	0,289
CHR10	17841170	CHR10:17841170	SSF x LoA	-9,162	-0,076	0,285
CHR10	17841183	CHR10:17841183	SSF x LoA	-7,321	0,164	0,292
CHR10	17841184	CHR10:17841184	SSF x LoA	-8,287	0,095	0,292
CHR10	17841194	CHR10:17841194	SSF x LoA	-9,487	-0,044	0,289
CHR10	17850443	CHR10:17850443	SSF x LoA	-7,788	0,052	0,279
CHR10	17850544	CHR10:17850544	SSF x LoA	-3,279	-0,046	0,280
CHR10	17850583	CHR10:17850583	SSF x LoA	-9,234	0,103	0,290
CHR10	17850697	CHR10:17850697	SSF x LoA	-8,658	-0,133	0,264
CHR10	17855190	CHR10:17855190	SSF x LoA	-8,455	-0,115	0,296
CHR10	17855353	CHR10:17855353	SSF x LoA	-7,930	-0,079	0,295
CHR10	17860043	CHR10:17860043	SSF x LoA	-6,561	0,144	0,290
CHR10	17860057	CHR10:17860057	SSF x LoA	-6,777	-0,033	0,292
CHR10	17860125	CHR10:17860125	SSF x LoA	-6,415	-0,134	0,288
CHR10	17860178	CHR10:17860178	SSF x LoA	-7,890	0,060	0,288
CHR10	17860183	CHR10:17860183	SSF x LoA	-9,249	0,021	0,281
CHR10	17860196	CHR10:17860196	SSF x LoA	-6,390	-0,133	0,296
CHR10	17860232	CHR10:17860232	SSF x LoA	-7,717	0,058	0,296
CHR10	17871560	CHR10:17871560	SSF x LoA	-2,620	0,210	0,278
CHR10	17872102	CHR10:17872102	SSF x LoA	1,597	0,173	0,272
CHR10	17872105	CHR10:17872105	SSF x LoA	-8,088	0,103	0,303
CHR10	17872121	CHR10:17872121	SSF x LoA	-9,754	-0,062	0,294
CHR10	17872162	CHR10:17872162	SSF x LoA	-9,810	0,028	0,297
CHR10	17872169	CHR10:17872169	SSF x LoA	-6,518	-0,134	0,286
CHR10	17886105	CHR10:17886105	SSF x LoA	-9,634	-0,052	0,305
CHR10	17886112	CHR10:17886112	SSF x LoA	-10,699	0,056	0,296
CHR10	17886372	CHR10:17886372	SSF x LoA	-9,730	-0,031	0,295
CHR10	17886400	CHR10:17886400	SSF x LoA	-9,151	0,014	0,276
CHR10	17909510	CHR10:17909510	SSF x LoA	-9,901	-0,106	0,275
CHR10	17909529	CHR10:17909529	SSF x LoA	-7,116	0,018	0,289
CHR10	17912162	CHR10:17912162	SSF x LoA	-8,610	-0,166	0,281
CHR10	17912173	CHR10:17912173	SSF x LoA	-7,082	-0,028	0,267
CHR10	17912206	CHR10:17912206	SSF x LoA	-10,720	0,086	0,284
CHR10	17912226	CHR10:17912226	SSF x LoA	-8,466	0,034	0,277
CHR10	17912230	CHR10:17912230	SSF x LoA	-10,730	0,014	0,291
CHR10	17912249	CHR10:17912249	SSF x LoA	-9,621	0,047	0,289
CHR10	17913047	CHR10:17913047	SSF x LoA	-9,897	0,051	0,289
CHR10	1794020	CHR10:1794020	SSF x LoA	-7,579	0,045	0,289
CHR10	17940778	CHR10:17940778	SSF x LoA	-10,708	0,029	0,285
CHR10	17940956	CHR10:17940956	SSF x LoA	-6,917	-0,145	0,287
CHR10	1794170	CHR10:1794170	SSF x LoA	-2,285	0,072	0,309
CHR10	1794470	CHR10:1794470	SSF x LoA	-8,300	0,205	0,287
CHR10	17972098	CHR10:17972098	SSF x LoA	-5,658	-0,063	0,307
CHR10	17972131	CHR10:17972131	SSF x LoA	-11,689	-0,016	0,295
CHR10	17972146	CHR10:17972146	SSF x LoA	-8,424	-0,027	0,282
CHR10	17973387	CHR10:17973387	SSF x LoA	-9,766	-0,013	0,297
CHR10	18004804	CHR10:18004804	SSF x LoA	-7,742	-0,068	0,302
CHR10	1802083	CHR10:1802083	SSF x LoA	-8,567	-0,005	0,278
CHR10	1802108	CHR10:1802108	SSF x LoA	-8,087	0,104	0,296

CHR10	1802221	CHR10:1802221	SSF x LoA	-10,656	-0,081	0,296
CHR10	1802246	CHR10:1802246	SSF x LoA	-7,814	-0,084	0,298
CHR10	18028599	CHR10:1802859	SSF x LoA	-5,754	0,104	0,305
CHR10	18032766	CHR10:1803276	SSF x LoA	-10,525	-0,001	0,287
CHR10	18032791	CHR10:1803279	SSF x LoA	-11,548	0,033	0,276
CHR10	18044790	CHR10:1804479	SSF x LoA	-8,737	0,067	0,283
CHR10	18044848	CHR10:1804484	SSF x LoA	-7,146	0,070	0,302
CHR10	18044889	CHR10:1804488	SSF x LoA	-8,327	0,071	0,300
CHR10	1808145	CHR10:1808145	SSF x LoA	-10,407	0,003	0,297
CHR10	1808189	CHR10:1808189	SSF x LoA	-8,396	-0,057	0,288
CHR10	1823928	CHR10:1823928	SSF x LoA	-8,489	0,102	0,295
CHR10	1843195	CHR10:1843195	SSF x LoA	-8,741	-0,002	0,303
CHR10	1843304	CHR10:1843304	SSF x LoA	-10,767	0,002	0,291
CHR10	1848721	CHR10:1848721	SSF x LoA	-8,392	-0,024	0,301
CHR10	1854835	CHR10:1854835	SSF x LoA	-5,154	0,188	0,288
CHR10	1854979	CHR10:1854979	SSF x LoA	-10,828	0,046	0,306
CHR10	1855058	CHR10:1855058	SSF x LoA	-8,373	-0,008	0,294
CHR10	1860435	CHR10:1860435	SSF x LoA	-9,474	-0,011	0,291
CHR10	1861150	CHR10:1861150	SSF x LoA	-8,296	-0,198	0,276
CHR10	1864924	CHR10:1864924	SSF x LoA	-8,019	-0,017	0,299
CHR10	1864929	CHR10:1864929	SSF x LoA	-8,062	0,023	0,290
CHR10	1864938	CHR10:1864938	SSF x LoA	-4,489	0,031	0,287
CHR10	1864969	CHR10:1864969	SSF x LoA	-8,794	-0,013	0,275
CHR10	1864985	CHR10:1864985	SSF x LoA	-10,829	0,005	0,285
CHR10	1865005	CHR10:1865005	SSF x LoA	-7,247	-0,132	0,285
CHR10	1865092	CHR10:1865092	SSF x LoA	-7,841	0,059	0,291
CHR10	1872277	CHR10:1872277	SSF x LoA	-11,324	-0,052	0,284
CHR10	1872366	CHR10:1872366	SSF x LoA	-8,518	0,081	0,262
CHR10	1872457	CHR10:1872457	SSF x LoA	-10,213	0,101	0,305
CHR10	1872491	CHR10:1872491	SSF x LoA	-5,791	-0,003	0,301
CHR10	1872534	CHR10:1872534	SSF x LoA	-7,316	0,137	0,297
CHR10	1876050	CHR10:1876050	SSF x LoA	-11,163	0,073	0,288
CHR10	1876097	CHR10:1876097	SSF x LoA	-8,219	-0,003	0,294
CHR10	1876105	CHR10:1876105	SSF x LoA	-8,165	-0,069	0,286
CHR10	1876168	CHR10:1876168	SSF x LoA	-10,783	0,010	0,290
CHR10	1890246	CHR10:1890246	SSF x LoA	-9,851	-0,083	0,280
CHR10	1890288	CHR10:1890288	SSF x LoA	-5,422	-0,077	0,299
CHR10	1890302	CHR10:1890302	SSF x LoA	-11,311	-0,027	0,267
CHR10	1890419	CHR10:1890419	SSF x LoA	-8,756	-0,052	0,282
CHR10	1894008	CHR10:1894008	SSF x LoA	-8,656	0,103	0,296
CHR10	1894055	CHR10:1894055	SSF x LoA	-9,629	0,059	0,294
CHR10	1894165	CHR10:1894165	SSF x LoA	-9,753	-0,103	0,285
CHR10	1894333	CHR10:1894333	SSF x LoA	-10,074	0,057	0,287
CHR10	19200659	CHR10:1920065	SSF x LoA	-9,661	0,012	0,300
CHR10	19237368	CHR10:1923736	SSF x LoA	-5,407	0,034	0,273
CHR10	19237373	CHR10:1923737	SSF x LoA	-6,854	0,066	0,280
CHR10	1927459	CHR10:1927459	SSF x LoA	-7,768	-0,092	0,302
CHR10	1927474	CHR10:1927474	SSF x LoA	-9,123	-0,084	0,296
CHR10	19278005	CHR10:1927800	SSF x LoA	-10,396	0,032	0,293
CHR10	19281915	CHR10:1928191	SSF x LoA	-9,498	-0,046	0,267
CHR10	19281928	CHR10:1928192	SSF x LoA	-9,297	-0,042	0,290
CHR10	19281949	CHR10:1928194	SSF x LoA	-8,257	-0,044	0,287
CHR10	19289415	CHR10:1928941	SSF x LoA	-9,436	-0,062	0,271

CHR10	19307345	CHR10:19307345	SSF x LoA	-8,131	0,044	0,268
CHR10	19307411	CHR10:19307411	SSF x LoA	-8,154	0,055	0,272
CHR10	19307419	CHR10:19307419	SSF x LoA	-8,156	0,019	0,279
CHR10	19318622	CHR10:19318622	SSF x LoA	-9,530	-0,061	0,291
CHR10	19318716	CHR10:19318716	SSF x LoA	-8,564	-0,067	0,274
CHR10	19318874	CHR10:19318874	SSF x LoA	-7,643	-0,069	0,274
CHR10	19334944	CHR10:19334944	SSF x LoA	-4,352	-0,039	0,299
CHR10	19336228	CHR10:19336228	SSF x LoA	-7,872	0,012	0,288
CHR10	19369484	CHR10:19369484	SSF x LoA	-8,358	0,029	0,285
CHR10	19369559	CHR10:19369559	SSF x LoA	-8,561	0,027	0,283
CHR10	19377520	CHR10:19377520	SSF x LoA	-9,007	-0,135	0,267
CHR10	19377589	CHR10:19377589	SSF x LoA	-9,424	-0,073	0,273
CHR10	1938388	CHR10:1938388	SSF x LoA	-11,137	-0,045	0,298
CHR10	19397479	CHR10:19397479	SSF x LoA	-11,800	0,019	0,287
CHR10	19424624	CHR10:19424624	SSF x LoA	-8,436	0,072	0,276
CHR10	19424691	CHR10:19424691	SSF x LoA	-7,886	0,127	0,296
CHR10	19424778	CHR10:19424778	SSF x LoA	-8,173	0,117	0,300
CHR10	19424784	CHR10:19424784	SSF x LoA	-6,428	0,115	0,282
CHR10	19449774	CHR10:19449774	SSF x LoA	-8,841	0,116	0,283
CHR10	19449785	CHR10:19449785	SSF x LoA	-9,099	-0,007	0,280
CHR10	19449872	CHR10:19449872	SSF x LoA	-6,265	-0,051	0,289
CHR10	19449875	CHR10:19449875	SSF x LoA	-10,098	0,035	0,275
CHR10	19449932	CHR10:19449932	SSF x LoA	-10,216	0,020	0,287
CHR10	19449940	CHR10:19449940	SSF x LoA	-6,788	-0,058	0,281
CHR10	19450039	CHR10:19450039	SSF x LoA	-8,913	-0,047	0,298
CHR10	19450040	CHR10:19450040	SSF x LoA	-8,136	-0,036	0,290
CHR10	1946318	CHR10:1946318	SSF x LoA	-9,271	-0,002	0,296
CHR10	19471533	CHR10:19471533	SSF x LoA	-6,296	-0,070	0,307
CHR10	19471568	CHR10:19471568	SSF x LoA	-9,812	0,042	0,284
CHR10	19474482	CHR10:19474482	SSF x LoA	-11,216	0,023	0,284
CHR10	19474523	CHR10:19474523	SSF x LoA	-10,444	-0,016	0,301
CHR10	19474630	CHR10:19474630	SSF x LoA	-4,714	0,030	0,279
CHR10	19474723	CHR10:19474723	SSF x LoA	-11,000	0,029	0,285
CHR10	19495598	CHR10:19495598	SSF x LoA	-7,560	-0,087	0,283
CHR10	19495612	CHR10:19495612	SSF x LoA	-10,125	-0,105	0,285
CHR10	2E+07	CHR10:19508162	SSF x LoA	-10,449	0,076	0,282
CHR10	2E+07	CHR10:19508256	SSF x LoA	-9,481	0,015	0,283
CHR10	2E+07	CHR10:19517037	SSF x LoA	-9,515	-0,080	0,292
CHR10	2E+07	CHR10:19517050	SSF x LoA	-8,334	0,046	0,286
CHR10	2E+07	CHR10:19517214	SSF x LoA	-10,094	-0,026	0,288
CHR10	2E+07	CHR10:19517218	SSF x LoA	-5,370	-0,086	0,284
CHR10	2E+07	CHR10:19526331	SSF x LoA	-7,875	-0,039	0,304
CHR10	2E+07	CHR10:19532842	SSF x LoA	-7,668	-0,063	0,293
CHR10	2E+07	CHR10:19532844	SSF x LoA	-8,394	-0,031	0,290
CHR10	2E+07	CHR10:19532849	SSF x LoA	-7,523	-0,051	0,302
CHR10	2E+07	CHR10:19532875	SSF x LoA	-10,158	0,032	0,301
CHR10	2E+07	CHR10:19534414	SSF x LoA	-7,929	0,067	0,290
CHR10	2E+07	CHR10:19538737	SSF x LoA	-9,244	0,011	0,294
CHR10	2E+07	CHR10:19549813	SSF x LoA	-7,678	0,027	0,302
CHR10	2E+07	CHR10:19551151	SSF x LoA	-10,514	0,076	0,296
CHR10	2E+07	CHR10:19551157	SSF x LoA	-5,998	0,056	0,283
CHR10	2E+07	CHR10:19551210	SSF x LoA	-9,038	-0,062	0,291
CHR10	2E+07	CHR10:19586941	SSF x LoA	-10,340	0,077	0,282

CHR10	1959412	CHR10:1959412	SSF x LoA	-9,146	-0,051	0,295
CHR10	1959463	CHR10:1959463	SSF x LoA	-7,064	0,114	0,279
CHR10	2E+07	CHR10:19596107	SSF x LoA	-9,493	0,036	0,300
CHR10	2E+07	CHR10:19596117	SSF x LoA	-10,682	0,072	0,293
CHR10	2E+07	CHR10:19596149	SSF x LoA	-8,293	-0,021	0,303
CHR10	2E+07	CHR10:19596184	SSF x LoA	-8,774	-0,113	0,290
CHR10	2E+07	CHR10:19596316	SSF x LoA	-8,099	0,023	0,295
CHR10	2E+07	CHR10:19611518	SSF x LoA	-9,013	-0,028	0,303
CHR10	2E+07	CHR10:19611520	SSF x LoA	-7,461	-0,047	0,300
CHR10	2E+07	CHR10:19611540	SSF x LoA	-9,542	0,032	0,282
CHR10	2E+07	CHR10:19620830	SSF x LoA	-7,893	-0,081	0,286
CHR10	2E+07	CHR10:19621079	SSF x LoA	-8,676	0,024	0,283
CHR10	1962479	CHR10:1962479	SSF x LoA	-9,221	-0,104	0,291
CHR10	1962492	CHR10:1962492	SSF x LoA	-9,926	-0,112	0,295
CHR10	2E+07	CHR10:19627343	SSF x LoA	-10,646	0,066	0,288
CHR10	2E+07	CHR10:19643956	SSF x LoA	-7,807	0,040	0,294
CHR10	2E+07	CHR10:19660909	SSF x LoA	-8,204	-0,084	0,275
CHR10	2E+07	CHR10:19667663	SSF x LoA	-7,110	-0,091	0,288
CHR10	2E+07	CHR10:19668160	SSF x LoA	-9,287	0,032	0,295
CHR10	2E+07	CHR10:19689542	SSF x LoA	-9,053	-0,073	0,303
CHR10	2E+07	CHR10:19689650	SSF x LoA	-11,116	0,014	0,275
CHR10	2E+07	CHR10:19693247	SSF x LoA	-8,657	0,035	0,297
CHR10	2E+07	CHR10:19693386	SSF x LoA	-10,884	-0,053	0,279
CHR10	2E+07	CHR10:19701756	SSF x LoA	-9,671	0,005	0,279
CHR10	2E+07	CHR10:19701922	SSF x LoA	-8,152	-0,039	0,288
CHR10	2E+07	CHR10:19701937	SSF x LoA	-6,334	-0,045	0,287
CHR10	2E+07	CHR10:19711549	SSF x LoA	-9,786	0,036	0,297
CHR10	2E+07	CHR10:19711555	SSF x LoA	-9,150	0,090	0,282
CHR10	2E+07	CHR10:19711579	SSF x LoA	-8,051	-0,053	0,294
CHR10	2E+07	CHR10:19711601	SSF x LoA	-6,130	0,142	0,287
CHR10	2E+07	CHR10:19711649	SSF x LoA	-9,360	-0,091	0,276
CHR10	2E+07	CHR10:19711678	SSF x LoA	-10,896	0,032	0,289
CHR10	2E+07	CHR10:19718379	SSF x LoA	-7,854	-0,096	0,291
CHR10	2E+07	CHR10:19733575	SSF x LoA	-10,957	-0,012	0,288
CHR10	2E+07	CHR10:19767197	SSF x LoA	-8,396	-0,088	0,289
CHR10	2E+07	CHR10:19767348	SSF x LoA	-10,330	-0,039	0,292
CHR10	2E+07	CHR10:19767388	SSF x LoA	-9,677	0,011	0,294
CHR10	2E+07	CHR10:19773454	SSF x LoA	-7,649	0,046	0,288
CHR10	2E+07	CHR10:19773551	SSF x LoA	-4,430	0,072	0,299
CHR10	2E+07	CHR10:19773566	SSF x LoA	-9,375	-0,100	0,285
CHR10	2E+07	CHR10:19773607	SSF x LoA	-7,173	0,103	0,301
CHR10	2E+07	CHR10:19777797	SSF x LoA	-6,997	0,070	0,286
CHR10	2E+07	CHR10:19778036	SSF x LoA	-8,318	0,095	0,297
CHR10	2E+07	CHR10:19784716	SSF x LoA	-8,379	-0,108	0,282
CHR10	2E+07	CHR10:19784803	SSF x LoA	-6,054	0,038	0,287
CHR10	2E+07	CHR10:19784823	SSF x LoA	-8,891	0,047	0,279
CHR10	2E+07	CHR10:19784883	SSF x LoA	-5,285	-0,134	0,302
CHR10	2E+07	CHR10:19792786	SSF x LoA	-4,518	-0,186	0,283
CHR10	2E+07	CHR10:19798615	SSF x LoA	-9,889	-0,082	0,264
CHR10	2E+07	CHR10:19798822	SSF x LoA	-9,290	0,103	0,294
CHR10	2E+07	CHR10:19800448	SSF x LoA	-10,737	-0,025	0,288
CHR10	2E+07	CHR10:19806040	SSF x LoA	-8,508	-0,058	0,296
CHR10	2E+07	CHR10:19818560	SSF x LoA	-6,679	-0,204	0,286

CHR10	1982663	CHR10:1982663	SSF x LoA	-6,241	0,094	0,287
CHR10	2E+07	CHR10:19829502	SSF x LoA	-8,322	0,004	0,292
CHR10	2E+07	CHR10:19829509	SSF x LoA	-8,791	0,018	0,291
CHR10	2E+07	CHR10:19829530	SSF x LoA	-7,811	-0,014	0,307
CHR10	2E+07	CHR10:19829540	SSF x LoA	-10,659	0,001	0,299
CHR10	2E+07	CHR10:19831695	SSF x LoA	-7,496	0,095	0,297
CHR10	2E+07	CHR10:19833161	SSF x LoA	-4,249	0,040	0,289
CHR10	2E+07	CHR10:19833210	SSF x LoA	-9,833	-0,057	0,282
CHR10	2E+07	CHR10:19833237	SSF x LoA	-9,432	-0,066	0,280
CHR10	2E+07	CHR10:19833281	SSF x LoA	-9,493	-0,038	0,295
CHR10	2E+07	CHR10:19855875	SSF x LoA	-6,439	-0,115	0,286
CHR10	2E+07	CHR10:19858012	SSF x LoA	-6,838	0,046	0,294
CHR10	2E+07	CHR10:19859928	SSF x LoA	3,869	0,074	0,297
CHR10	2E+07	CHR10:19919239	SSF x LoA	-9,154	-0,021	0,287
CHR10	2E+07	CHR10:19934822	SSF x LoA	-0,288	-0,064	0,284
CHR10	2E+07	CHR10:19934865	SSF x LoA	-7,665	-0,087	0,287
CHR10	2E+07	CHR10:20022738	SSF x LoA	-10,117	-0,031	0,291
CHR10	2E+07	CHR10:20031765	SSF x LoA	-8,716	-0,007	0,291
CHR10	2E+07	CHR10:20036709	SSF x LoA	-7,388	0,004	0,285
CHR10	2E+07	CHR10:20036985	SSF x LoA	-8,388	-0,076	0,305
CHR10	2E+07	CHR10:20057517	SSF x LoA	-8,346	0,061	0,298
CHR10	2E+07	CHR10:20062373	SSF x LoA	6,918	-0,134	0,278
CHR10	2E+07	CHR10:20062437	SSF x LoA	-8,193	-0,117	0,292
CHR10	2E+07	CHR10:20062441	SSF x LoA	-7,239	-0,112	0,290
CHR10	2E+07	CHR10:20062454	SSF x LoA	-7,255	-0,150	0,288
CHR10	2E+07	CHR10:20062535	SSF x LoA	-10,077	0,034	0,285
CHR10	2E+07	CHR10:20062579	SSF x LoA	-8,751	-0,112	0,298
CHR10	2E+07	CHR10:20062616	SSF x LoA	-7,170	-0,088	0,301
CHR10	2E+07	CHR10:20081097	SSF x LoA	-7,941	-0,031	0,298
CHR10	2E+07	CHR10:20082318	SSF x LoA	-10,146	-0,102	0,289
CHR10	2E+07	CHR10:20082390	SSF x LoA	-8,141	0,077	0,283
CHR10	2E+07	CHR10:20082417	SSF x LoA	4,215	0,090	0,285
CHR10	2E+07	CHR10:20082502	SSF x LoA	-9,960	0,075	0,293
CHR10	2E+07	CHR10:20085538	SSF x LoA	-10,575	0,106	0,287
CHR10	2E+07	CHR10:20105862	SSF x LoA	-11,199	0,047	0,295
CHR10	2E+07	CHR10:20106017	SSF x LoA	-7,328	0,151	0,288
CHR10	2E+07	CHR10:20113739	SSF x LoA	-5,605	-0,089	0,280
CHR10	2E+07	CHR10:20161979	SSF x LoA	-10,595	0,074	0,298
CHR10	2E+07	CHR10:20165085	SSF x LoA	-10,061	0,049	0,302
CHR10	2E+07	CHR10:20165135	SSF x LoA	-9,471	0,010	0,293
CHR10	2E+07	CHR10:20165153	SSF x LoA	-10,723	0,057	0,292
CHR10	2E+07	CHR10:20181546	SSF x LoA	0,126	-0,074	0,282
CHR10	2E+07	CHR10:20181634	SSF x LoA	-8,510	0,001	0,289
CHR10	2E+07	CHR10:20181695	SSF x LoA	-9,450	-0,062	0,285
CHR10	2E+07	CHR10:20185727	SSF x LoA	-8,184	-0,121	0,290
CHR10	2E+07	CHR10:20189977	SSF x LoA	-10,279	-0,034	0,291
CHR10	2E+07	CHR10:20190017	SSF x LoA	-9,104	0,006	0,295
CHR10	2E+07	CHR10:20190221	SSF x LoA	-8,855	0,109	0,281
CHR10	2E+07	CHR10:20217749	SSF x LoA	-7,644	0,073	0,273
CHR10	2E+07	CHR10:20220993	SSF x LoA	-7,735	0,100	0,289
CHR10	2E+07	CHR10:20221016	SSF x LoA	-8,777	-0,165	0,267
CHR10	2E+07	CHR10:20221018	SSF x LoA	-7,021	-0,146	0,279
CHR10	2E+07	CHR10:20221021	SSF x LoA	-6,949	-0,162	0,287

CHR10	2E+07	CHR10:20221025	SSF x LoA	-10,104	-0,153	0,269
CHR10	2E+07	CHR10:20221030	SSF x LoA	-8,190	-0,162	0,285
CHR10	2E+07	CHR10:20221042	SSF x LoA	-8,337	-0,146	0,288
CHR10	2E+07	CHR10:20221044	SSF x LoA	-6,644	-0,147	0,300
CHR10	2E+07	CHR10:20221046	SSF x LoA	-9,311	-0,143	0,281
CHR10	2E+07	CHR10:20221049	SSF x LoA	-3,122	-0,138	0,294
CHR10	2E+07	CHR10:20221050	SSF x LoA	-7,603	-0,136	0,283
CHR10	2E+07	CHR10:20221061	SSF x LoA	-7,885	-0,161	0,283
CHR10	2E+07	CHR10:20221069	SSF x LoA	-2,983	-0,144	0,271
CHR10	2E+07	CHR10:20221070	SSF x LoA	-8,939	-0,150	0,276
CHR10	2E+07	CHR10:20221849	SSF x LoA	-8,336	0,009	0,293
CHR10	2E+07	CHR10:20244388	SSF x LoA	-8,607	-0,114	0,280
CHR10	2E+07	CHR10:20301604	SSF x LoA	-9,096	0,095	0,299
CHR10	2075479	CHR10:2075479	SSF x LoA	-7,428	-0,183	0,262
CHR10	2075550	CHR10:2075550	SSF x LoA	-9,277	-0,167	0,280
CHR10	2092972	CHR10:2092972	SSF x LoA	-7,243	-0,102	0,274
CHR10	2103690	CHR10:2103690	SSF x LoA	-9,113	0,118	0,289
CHR10	2115872	CHR10:2115872	SSF x LoA	-10,410	0,033	0,291
CHR10	2144728	CHR10:2144728	SSF x LoA	-9,107	-0,072	0,265
CHR10	2144739	CHR10:2144739	SSF x LoA	-9,817	-0,068	0,273
CHR10	2144871	CHR10:2144871	SSF x LoA	-4,544	-0,207	0,291
CHR10	2144899	CHR10:2144899	SSF x LoA	-6,534	0,052	0,299
CHR10	2145013	CHR10:2145013	SSF x LoA	-10,878	0,031	0,294
CHR10	2169467	CHR10:2169467	SSF x LoA	-6,617	-0,148	0,291
CHR10	2169498	CHR10:2169498	SSF x LoA	-9,594	0,020	0,296
CHR10	2169508	CHR10:2169508	SSF x LoA	-0,986	-0,152	0,295
CHR10	2186287	CHR10:2186287	SSF x LoA	-8,055	0,011	0,309
CHR10	2186295	CHR10:2186295	SSF x LoA	-9,732	-0,071	0,300
CHR10	2186320	CHR10:2186320	SSF x LoA	-10,308	0,022	0,291
CHR10	2186747	CHR10:2186747	SSF x LoA	-8,567	-0,047	0,288
CHR10	2186765	CHR10:2186765	SSF x LoA	-10,208	0,083	0,299
CHR10	2203017	CHR10:2203017	SSF x LoA	-6,752	-0,044	0,288
CHR10	2203018	CHR10:2203018	SSF x LoA	-9,359	-0,027	0,298
CHR10	2203280	CHR10:2203280	SSF x LoA	-6,681	0,042	0,292
CHR10	2227627	CHR10:2227627	SSF x LoA	-7,458	0,164	0,292
CHR10	2227703	CHR10:2227703	SSF x LoA	-11,291	0,026	0,278
CHR10	2243288	CHR10:2243288	SSF x LoA	-11,567	-0,001	0,286
CHR10	2243350	CHR10:2243350	SSF x LoA	-8,209	-0,118	0,273
CHR10	2243363	CHR10:2243363	SSF x LoA	-7,161	-0,065	0,290
CHR10	2261362	CHR10:2261362	SSF x LoA	-9,583	0,045	0,287
CHR10	2263485	CHR10:2263485	SSF x LoA	-9,416	-0,005	0,288
CHR10	2263719	CHR10:2263719	SSF x LoA	-10,709	-0,093	0,284
CHR10	2285149	CHR10:2285149	SSF x LoA	-7,683	0,079	0,288
CHR10	2324279	CHR10:2324279	SSF x LoA	-2,537	0,122	0,297
CHR10	2382056	CHR10:2382056	SSF x LoA	-9,928	-0,010	0,285
CHR10	2382097	CHR10:2382097	SSF x LoA	-8,378	0,075	0,299
CHR10	2382275	CHR10:2382275	SSF x LoA	-8,019	-0,086	0,296
CHR10	2382383	CHR10:2382383	SSF x LoA	-8,551	-0,026	0,283
CHR10	2382386	CHR10:2382386	SSF x LoA	-8,993	0,012	0,295
CHR10	2384800	CHR10:2384800	SSF x LoA	-8,920	-0,069	0,284
CHR10	2384818	CHR10:2384818	SSF x LoA	-5,977	-0,122	0,288
CHR10	2384909	CHR10:2384909	SSF x LoA	-8,731	-0,048	0,286
CHR10	2384949	CHR10:2384949	SSF x LoA	-9,704	-0,035	0,276

CHR10	2384956	CHR10:2384956	SSF x LoA	-8,243	-0,114	0,292
CHR10	2384994	CHR10:2384994	SSF x LoA	-10,250	0,110	0,280
CHR10	2386492	CHR10:2386492	SSF x LoA	-6,751	0,162	0,281
CHR10	2386530	CHR10:2386530	SSF x LoA	-10,529	0,030	0,283
CHR10	2386568	CHR10:2386568	SSF x LoA	-9,555	0,099	0,301
CHR10	2425271	CHR10:2425271	SSF x LoA	-10,088	0,067	0,282
CHR10	2459722	CHR10:2459722	SSF x LoA	-9,304	-0,012	0,295
CHR10	2463357	CHR10:2463357	SSF x LoA	-8,221	0,038	0,292
CHR10	2516811	CHR10:2516811	SSF x LoA	-8,882	0,038	0,285
CHR10	2516864	CHR10:2516864	SSF x LoA	-3,592	0,121	0,294
CHR10	2517019	CHR10:2517019	SSF x LoA	-8,187	0,069	0,272
CHR10	2528329	CHR10:2528329	SSF x LoA	-7,749	-0,053	0,277
CHR10	2540838	CHR10:2540838	SSF x LoA	-8,780	-0,040	0,299
CHR10	2565924	CHR10:2565924	SSF x LoA	-8,646	0,010	0,299
CHR10	2565953	CHR10:2565953	SSF x LoA	-10,290	0,047	0,277
CHR10	2565968	CHR10:2565968	SSF x LoA	-6,791	0,016	0,292
CHR10	2565993	CHR10:2565993	SSF x LoA	-9,540	0,022	0,297
CHR10	2565998	CHR10:2565998	SSF x LoA	-9,273	-0,054	0,290
CHR10	2573126	CHR10:2573126	SSF x LoA	-10,771	0,076	0,291
CHR10	2573323	CHR10:2573323	SSF x LoA	-9,078	-0,064	0,285
CHR10	2573407	CHR10:2573407	SSF x LoA	-8,784	-0,064	0,293
CHR10	2573441	CHR10:2573441	SSF x LoA	-11,138	0,099	0,272
CHR10	2577405	CHR10:2577405	SSF x LoA	-10,105	-0,045	0,301
CHR10	2577627	CHR10:2577627	SSF x LoA	-3,709	-0,093	0,298
CHR10	2590622	CHR10:2590622	SSF x LoA	-8,527	0,022	0,291
CHR10	2642072	CHR10:2642072	SSF x LoA	-6,943	-0,086	0,283
CHR10	2654332	CHR10:2654332	SSF x LoA	-8,345	0,039	0,277
CHR10	2654452	CHR10:2654452	SSF x LoA	-9,048	-0,063	0,277
CHR10	2654500	CHR10:2654500	SSF x LoA	-9,560	0,039	0,291
CHR10	2654503	CHR10:2654503	SSF x LoA	-7,037	-0,081	0,298
CHR10	2654589	CHR10:2654589	SSF x LoA	-5,493	0,102	0,289
CHR10	2654649	CHR10:2654649	SSF x LoA	-5,384	0,014	0,299
CHR10	2659348	CHR10:2659348	SSF x LoA	-10,765	0,010	0,296
CHR10	2665988	CHR10:2665988	SSF x LoA	-8,800	-0,024	0,277
CHR10	2666051	CHR10:2666051	SSF x LoA	-4,727	0,087	0,272
CHR10	2666136	CHR10:2666136	SSF x LoA	-5,445	0,054	0,284
CHR10	2691924	CHR10:2691924	SSF x LoA	-6,617	-0,055	0,300
CHR10	2706432	CHR10:2706432	SSF x LoA	-9,629	0,055	0,283
CHR10	2708606	CHR10:2708606	SSF x LoA	-10,417	-0,152	0,288
CHR10	2708660	CHR10:2708660	SSF x LoA	-9,781	-0,091	0,277
CHR10	2708724	CHR10:2708724	SSF x LoA	-10,381	0,008	0,297
CHR10	2708784	CHR10:2708784	SSF x LoA	-9,164	0,130	0,295
CHR10	2711956	CHR10:2711956	SSF x LoA	-7,573	0,121	0,285
CHR10	2712028	CHR10:2712028	SSF x LoA	-11,152	0,039	0,282
CHR10	2716023	CHR10:2716023	SSF x LoA	-9,494	-0,071	0,280
CHR10	2745691	CHR10:2745691	SSF x LoA	-9,212	0,018	0,295
CHR10	2754995	CHR10:2754995	SSF x LoA	-8,481	0,010	0,301
CHR10	2764248	CHR10:2764248	SSF x LoA	-7,156	0,133	0,288
CHR10	2769854	CHR10:2769854	SSF x LoA	-8,722	0,004	0,290
CHR10	2778595	CHR10:2778595	SSF x LoA	-7,095	-0,056	0,297
CHR10	2778634	CHR10:2778634	SSF x LoA	-4,063	-0,206	0,285
CHR10	2778646	CHR10:2778646	SSF x LoA	-10,945	-0,051	0,294
CHR10	2778795	CHR10:2778795	SSF x LoA	-8,762	0,076	0,292

CHR10	2778798	CHR10:2778798	SSF x LoA	-9,353	0,074	0,279
CHR10	2778837	CHR10:2778837	SSF x LoA	-11,372	0,039	0,294
CHR10	2817224	CHR10:2817224	SSF x LoA	-9,379	-0,044	0,297
CHR10	2825486	CHR10:2825486	SSF x LoA	-10,237	-0,071	0,281
CHR10	2841073	CHR10:2841073	SSF x LoA	-10,562	-0,036	0,285
CHR10	2841075	CHR10:2841075	SSF x LoA	-10,789	-0,045	0,286
CHR10	2846438	CHR10:2846438	SSF x LoA	-7,798	-0,009	0,297
CHR10	2846644	CHR10:2846644	SSF x LoA	-9,358	-0,076	0,287
CHR10	2846685	CHR10:2846685	SSF x LoA	-9,184	-0,070	0,290
CHR10	2892381	CHR10:2892381	SSF x LoA	-8,262	-0,019	0,293
CHR10	2964726	CHR10:2964726	SSF x LoA	-7,342	-0,127	0,292
CHR10	2982381	CHR10:2982381	SSF x LoA	-9,771	0,121	0,288
CHR10	2989382	CHR10:2989382	SSF x LoA	-10,014	-0,030	0,299
CHR10	2989435	CHR10:2989435	SSF x LoA	4,461	0,006	0,296
CHR10	2989466	CHR10:2989466	SSF x LoA	-8,456	-0,032	0,283
CHR10	2989470	CHR10:2989470	SSF x LoA	-8,430	0,000	0,286
CHR10	2989483	CHR10:2989483	SSF x LoA	-8,509	-0,007	0,280
CHR10	2989490	CHR10:2989490	SSF x LoA	-8,637	-0,025	0,273
CHR10	2989570	CHR10:2989570	SSF x LoA	-7,819	0,123	0,279
CHR10	2993472	CHR10:2993472	SSF x LoA	-7,975	0,106	0,290
CHR10	2993518	CHR10:2993518	SSF x LoA	-9,953	-0,072	0,284
CHR10	2993521	CHR10:2993521	SSF x LoA	-10,126	-0,070	0,297
CHR10	2993534	CHR10:2993534	SSF x LoA	-11,695	-0,047	0,285
CHR10	3016396	CHR10:3016396	SSF x LoA	-10,971	0,047	0,279
CHR10	3016506	CHR10:3016506	SSF x LoA	-11,234	-0,016	0,285
CHR10	3016514	CHR10:3016514	SSF x LoA	-4,911	0,114	0,283
CHR10	3021286	CHR10:3021286	SSF x LoA	-8,104	0,115	0,289
CHR10	3021422	CHR10:3021422	SSF x LoA	-9,895	-0,028	0,283
CHR10	3022553	CHR10:3022553	SSF x LoA	-5,287	-0,008	0,291
CHR10	3022612	CHR10:3022612	SSF x LoA	-6,510	-0,041	0,287
CHR10	3022613	CHR10:3022613	SSF x LoA	-7,928	0,061	0,300
CHR10	3022636	CHR10:3022636	SSF x LoA	-9,162	0,090	0,292
CHR10	3037139	CHR10:3037139	SSF x LoA	-8,334	0,006	0,292
CHR10	3041368	CHR10:3041368	SSF x LoA	-8,509	-0,083	0,288
CHR10	3041421	CHR10:3041421	SSF x LoA	-7,595	-0,104	0,285
CHR10	3043273	CHR10:3043273	SSF x LoA	-11,238	0,003	0,272
CHR10	3043556	CHR10:3043556	SSF x LoA	-6,857	-0,119	0,290
CHR10	3062209	CHR10:3062209	SSF x LoA	-7,812	0,013	0,301
CHR10	3062275	CHR10:3062275	SSF x LoA	-4,038	0,057	0,306
CHR10	3062312	CHR10:3062312	SSF x LoA	-8,558	-0,055	0,299
CHR10	3062386	CHR10:3062386	SSF x LoA	-8,755	0,120	0,280
CHR10	3062387	CHR10:3062387	SSF x LoA	-6,802	0,097	0,300
CHR10	3062396	CHR10:3062396	SSF x LoA	-9,888	-0,027	0,283
CHR10	3062424	CHR10:3062424	SSF x LoA	-7,967	0,069	0,302
CHR10	3062445	CHR10:3062445	SSF x LoA	-6,468	0,116	0,292
CHR10	3062448	CHR10:3062448	SSF x LoA	-7,637	-0,029	0,309
CHR10	3063553	CHR10:3063553	SSF x LoA	-9,618	0,084	0,296
CHR10	3063601	CHR10:3063601	SSF x LoA	-9,117	-0,021	0,294
CHR10	3063639	CHR10:3063639	SSF x LoA	-7,355	0,000	0,292
CHR10	3063689	CHR10:3063689	SSF x LoA	-8,884	0,001	0,277
CHR10	3063711	CHR10:3063711	SSF x LoA	-9,810	0,054	0,280
CHR10	3063748	CHR10:3063748	SSF x LoA	-6,869	0,011	0,296
CHR10	3063804	CHR10:3063804	SSF x LoA	-10,207	-0,036	0,291

CHR10	3108073	CHR10:3108073	SSF x LoA	-10,414	-0,115	0,289
CHR10	3111871	CHR10:3111871	SSF x LoA	-8,494	0,027	0,285
CHR10	3111909	CHR10:3111909	SSF x LoA	-10,066	0,023	0,289
CHR10	3115763	CHR10:3115763	SSF x LoA	-8,225	-0,075	0,287
CHR10	3128209	CHR10:3128209	SSF x LoA	-6,574	-0,064	0,286
CHR10	3128215	CHR10:3128215	SSF x LoA	-7,503	-0,088	0,281
CHR10	3128347	CHR10:3128347	SSF x LoA	-10,002	-0,021	0,301
CHR10	3128400	CHR10:3128400	SSF x LoA	-4,619	-0,142	0,282
CHR10	3128406	CHR10:3128406	SSF x LoA	-9,327	-0,006	0,302
CHR10	3168074	CHR10:3168074	SSF x LoA	-7,757	0,111	0,283
CHR10	3168096	CHR10:3168096	SSF x LoA	-9,654	0,047	0,285
CHR10	3168160	CHR10:3168160	SSF x LoA	-10,621	-0,062	0,301
CHR10	3171045	CHR10:3171045	SSF x LoA	-8,408	-0,073	0,265
CHR10	3171110	CHR10:3171110	SSF x LoA	-9,410	-0,026	0,298
CHR10	3172081	CHR10:3172081	SSF x LoA	-8,582	-0,094	0,284
CHR10	3172082	CHR10:3172082	SSF x LoA	-9,321	-0,099	0,283
CHR10	3190980	CHR10:3190980	SSF x LoA	-10,294	-0,079	0,292
CHR10	3204734	CHR10:3204734	SSF x LoA	-8,078	0,124	0,281
CHR10	3204774	CHR10:3204774	SSF x LoA	-7,241	0,093	0,290
CHR10	3211629	CHR10:3211629	SSF x LoA	-8,342	0,023	0,299
CHR10	3211709	CHR10:3211709	SSF x LoA	-9,146	0,032	0,298
CHR10	3211817	CHR10:3211817	SSF x LoA	-10,631	0,040	0,296
CHR10	3211885	CHR10:3211885	SSF x LoA	-8,231	-0,059	0,296
CHR10	3211928	CHR10:3211928	SSF x LoA	-9,210	0,198	0,277
CHR10	3211931	CHR10:3211931	SSF x LoA	-5,756	0,198	0,293
CHR10	3215458	CHR10:3215458	SSF x LoA	-8,559	-0,012	0,286
CHR10	3215473	CHR10:3215473	SSF x LoA	-9,800	0,060	0,270
CHR10	3215755	CHR10:3215755	SSF x LoA	-6,033	-0,060	0,300
CHR10	3238334	CHR10:3238334	SSF x LoA	-9,613	-0,025	0,276
CHR10	3238340	CHR10:3238340	SSF x LoA	-8,451	-0,068	0,300
CHR10	3238429	CHR10:3238429	SSF x LoA	-2,790	0,152	0,292
CHR10	3238502	CHR10:3238502	SSF x LoA	-9,645	0,025	0,292
CHR10	3239985	CHR10:3239985	SSF x LoA	-9,315	0,002	0,290
CHR10	3240018	CHR10:3240018	SSF x LoA	-4,133	0,059	0,299
CHR10	3240285	CHR10:3240285	SSF x LoA	-7,630	0,118	0,286
CHR10	3244084	CHR10:3244084	SSF x LoA	-10,971	0,018	0,303
CHR10	3244212	CHR10:3244212	SSF x LoA	-6,391	0,116	0,289
CHR10	3244266	CHR10:3244266	SSF x LoA	-10,278	-0,125	0,279
CHR10	3262581	CHR10:3262581	SSF x LoA	-7,111	0,103	0,298
CHR10	3262650	CHR10:3262650	SSF x LoA	-8,251	0,004	0,311
CHR10	3267863	CHR10:3267863	SSF x LoA	-7,027	-0,041	0,281
CHR10	3267868	CHR10:3267868	SSF x LoA	-8,444	0,010	0,288
CHR10	3267926	CHR10:3267926	SSF x LoA	4,381	-0,216	0,268
CHR10	3268383	CHR10:3268383	SSF x LoA	-10,635	-0,068	0,292
CHR10	3268414	CHR10:3268414	SSF x LoA	-8,168	0,066	0,297
CHR10	3268453	CHR10:3268453	SSF x LoA	-10,658	-0,012	0,287
CHR10	3268465	CHR10:3268465	SSF x LoA	-8,494	0,043	0,291
CHR10	3277271	CHR10:3277271	SSF x LoA	-6,968	-0,063	0,286
CHR10	3277310	CHR10:3277310	SSF x LoA	-10,620	-0,050	0,288
CHR10	3300264	CHR10:3300264	SSF x LoA	-8,345	-0,029	0,287
CHR10	3300341	CHR10:3300341	SSF x LoA	-6,799	0,069	0,282
CHR10	3300382	CHR10:3300382	SSF x LoA	-9,441	0,082	0,292
CHR10	3300411	CHR10:3300411	SSF x LoA	-8,429	0,037	0,293

CHR10	3300414	CHR10:3300414	SSF x LoA	-9,817	0,022	0,282
CHR10	3300434	CHR10:3300434	SSF x LoA	-8,139	0,013	0,285
CHR10	3300475	CHR10:3300475	SSF x LoA	-7,478	0,185	0,278
CHR10	3311568	CHR10:3311568	SSF x LoA	-10,858	-0,012	0,298
CHR10	3311790	CHR10:3311790	SSF x LoA	-8,919	-0,127	0,282
CHR10	3311817	CHR10:3311817	SSF x LoA	-7,189	0,080	0,298
CHR10	3316685	CHR10:3316685	SSF x LoA	-8,567	0,034	0,307
CHR10	3323701	CHR10:3323701	SSF x LoA	-9,311	-0,025	0,289
CHR10	3323721	CHR10:3323721	SSF x LoA	-9,314	-0,021	0,277
CHR10	3323732	CHR10:3323732	SSF x LoA	-10,568	-0,029	0,289
CHR10	3323766	CHR10:3323766	SSF x LoA	-6,545	-0,038	0,294
CHR10	3323771	CHR10:3323771	SSF x LoA	-10,567	0,069	0,293
CHR10	3323846	CHR10:3323846	SSF x LoA	-8,764	-0,039	0,270
CHR10	3328607	CHR10:3328607	SSF x LoA	-8,854	-0,085	0,271
CHR10	3328750	CHR10:3328750	SSF x LoA	-7,220	-0,149	0,293
CHR10	3328867	CHR10:3328867	SSF x LoA	-9,257	0,114	0,292
CHR10	3328898	CHR10:3328898	SSF x LoA	-9,245	-0,037	0,274
CHR10	3339342	CHR10:3339342	SSF x LoA	-7,696	-0,068	0,298
CHR10	3339355	CHR10:3339355	SSF x LoA	-7,681	-0,082	0,293
CHR10	3339371	CHR10:3339371	SSF x LoA	-9,219	0,045	0,295
CHR10	3339372	CHR10:3339372	SSF x LoA	-10,098	-0,024	0,294
CHR10	3339394	CHR10:3339394	SSF x LoA	-8,293	0,034	0,292
CHR10	3339396	CHR10:3339396	SSF x LoA	-10,582	0,042	0,298
CHR10	3339476	CHR10:3339476	SSF x LoA	0,585	-0,044	0,304
CHR10	3339533	CHR10:3339533	SSF x LoA	-7,085	-0,055	0,293
CHR10	3339544	CHR10:3339544	SSF x LoA	-7,507	-0,028	0,313
CHR10	3346786	CHR10:3346786	SSF x LoA	-9,070	-0,010	0,298
CHR10	3346806	CHR10:3346806	SSF x LoA	2,156	0,026	0,302
CHR10	3346842	CHR10:3346842	SSF x LoA	-6,007	0,067	0,293
CHR10	3346846	CHR10:3346846	SSF x LoA	-7,512	0,140	0,290
CHR10	3346914	CHR10:3346914	SSF x LoA	-7,771	0,056	0,298
CHR10	3346916	CHR10:3346916	SSF x LoA	-7,358	0,178	0,287
CHR10	3347045	CHR10:3347045	SSF x LoA	-8,418	-0,101	0,305
CHR10	3348960	CHR10:3348960	SSF x LoA	-3,382	0,198	0,279
CHR10	3349253	CHR10:3349253	SSF x LoA	-4,177	0,036	0,290
CHR10	3349278	CHR10:3349278	SSF x LoA	-9,205	-0,084	0,283
CHR10	3357729	CHR10:3357729	SSF x LoA	-10,507	-0,049	0,297
CHR10	3357750	CHR10:3357750	SSF x LoA	-10,563	-0,031	0,297
CHR10	3357832	CHR10:3357832	SSF x LoA	-9,519	-0,122	0,275
CHR10	3375559	CHR10:3375559	SSF x LoA	-9,614	0,007	0,296
CHR10	3375564	CHR10:3375564	SSF x LoA	-7,705	-0,022	0,292
CHR10	3375652	CHR10:3375652	SSF x LoA	-8,249	-0,036	0,281
CHR10	3375765	CHR10:3375765	SSF x LoA	-8,447	-0,020	0,256
CHR10	3384640	CHR10:3384640	SSF x LoA	-9,697	-0,012	0,289
CHR10	3384755	CHR10:3384755	SSF x LoA	-8,717	-0,064	0,281
CHR10	3404955	CHR10:3404955	SSF x LoA	-7,424	0,049	0,303
CHR10	3404999	CHR10:3404999	SSF x LoA	-7,929	-0,014	0,282
CHR10	3405013	CHR10:3405013	SSF x LoA	-9,017	-0,024	0,282
CHR10	3405014	CHR10:3405014	SSF x LoA	-7,665	0,044	0,300
CHR10	3405064	CHR10:3405064	SSF x LoA	-9,119	-0,053	0,288
CHR10	3405101	CHR10:3405101	SSF x LoA	-6,946	-0,035	0,300
CHR10	3405123	CHR10:3405123	SSF x LoA	-10,273	-0,008	0,290
CHR10	3416611	CHR10:3416611	SSF x LoA	-11,221	-0,087	0,288

CHR10	3427903	CHR10:3427903	SSF x LoA	-9,342	0,044	0,294
CHR10	3427907	CHR10:3427907	SSF x LoA	-3,212	0,198	0,255
CHR10	3428148	CHR10:3428148	SSF x LoA	-7,368	-0,036	0,305
CHR10	3428187	CHR10:3428187	SSF x LoA	-7,834	-0,019	0,300
CHR10	3444144	CHR10:3444144	SSF x LoA	-9,388	0,050	0,278
CHR10	3447465	CHR10:3447465	SSF x LoA	-7,978	-0,078	0,281
CHR10	3447484	CHR10:3447484	SSF x LoA	-9,799	-0,005	0,279
CHR10	3455744	CHR10:3455744	SSF x LoA	-8,552	0,035	0,282
CHR10	3455751	CHR10:3455751	SSF x LoA	-10,437	-0,011	0,279
CHR10	3455782	CHR10:3455782	SSF x LoA	-11,111	0,010	0,290
CHR10	3455786	CHR10:3455786	SSF x LoA	-8,017	0,079	0,282
CHR10	3461064	CHR10:3461064	SSF x LoA	-10,246	-0,053	0,286
CHR10	3468049	CHR10:3468049	SSF x LoA	-8,085	0,043	0,285
CHR10	3468228	CHR10:3468228	SSF x LoA	-10,134	-0,014	0,282
CHR10	3471058	CHR10:3471058	SSF x LoA	-9,537	-0,054	0,304
CHR10	3471084	CHR10:3471084	SSF x LoA	-6,154	-0,155	0,291
CHR10	3471130	CHR10:3471130	SSF x LoA	-11,121	0,041	0,277
CHR10	3471231	CHR10:3471231	SSF x LoA	-9,395	-0,161	0,271
CHR10	3476909	CHR10:3476909	SSF x LoA	-9,296	0,058	0,289
CHR10	3477056	CHR10:3477056	SSF x LoA	-8,372	0,089	0,293
CHR10	3477084	CHR10:3477084	SSF x LoA	-5,100	-0,025	0,289
CHR10	3477110	CHR10:3477110	SSF x LoA	-9,777	-0,144	0,278
CHR10	3493659	CHR10:3493659	SSF x LoA	-9,053	-0,056	0,296
CHR10	3493660	CHR10:3493660	SSF x LoA	-10,380	-0,047	0,285
CHR10	3495926	CHR10:3495926	SSF x LoA	-9,736	-0,088	0,295
CHR10	3495995	CHR10:3495995	SSF x LoA	-7,977	0,076	0,283
CHR10	3510041	CHR10:3510041	SSF x LoA	-8,465	0,050	0,290
CHR10	3510145	CHR10:3510145	SSF x LoA	-9,640	-0,064	0,294
CHR10	3518968	CHR10:3518968	SSF x LoA	-8,842	0,078	0,291
CHR10	3518981	CHR10:3518981	SSF x LoA	-9,319	0,070	0,289
CHR10	3519057	CHR10:3519057	SSF x LoA	-7,018	0,109	0,303
CHR10	3522863	CHR10:3522863	SSF x LoA	5,082	0,314	0,257
CHR10	3522898	CHR10:3522898	SSF x LoA	-8,521	0,199	0,279
CHR10	3526576	CHR10:3526576	SSF x LoA	-8,289	-0,102	0,268
CHR10	3526618	CHR10:3526618	SSF x LoA	-5,473	-0,167	0,276
CHR10	3537164	CHR10:3537164	SSF x LoA	-8,696	0,070	0,291
CHR10	3537226	CHR10:3537226	SSF x LoA	-8,035	0,005	0,296
CHR10	3537421	CHR10:3537421	SSF x LoA	-9,986	0,034	0,293
CHR10	3537512	CHR10:3537512	SSF x LoA	-9,355	-0,016	0,295
CHR10	3574898	CHR10:3574898	SSF x LoA	-8,084	-0,063	0,287
CHR10	3574899	CHR10:3574899	SSF x LoA	-6,963	0,084	0,282
CHR10	3605572	CHR10:3605572	SSF x LoA	-10,897	-0,035	0,285
CHR10	3609277	CHR10:3609277	SSF x LoA	-7,855	-0,139	0,281
CHR10	3609278	CHR10:3609278	SSF x LoA	-8,411	0,087	0,271
CHR10	3609316	CHR10:3609316	SSF x LoA	-10,928	0,076	0,295
CHR10	3609405	CHR10:3609405	SSF x LoA	-7,682	0,137	0,287
CHR10	3611887	CHR10:3611887	SSF x LoA	-9,575	-0,002	0,284
CHR10	3611912	CHR10:3611912	SSF x LoA	-10,251	-0,004	0,282
CHR10	3611968	CHR10:3611968	SSF x LoA	-6,085	-0,164	0,296
CHR10	3645622	CHR10:3645622	SSF x LoA	-10,852	0,007	0,306
CHR10	3645685	CHR10:3645685	SSF x LoA	-10,775	-0,082	0,283
CHR10	3648581	CHR10:3648581	SSF x LoA	-4,938	0,131	0,291
CHR10	3664797	CHR10:3664797	SSF x LoA	-5,816	0,136	0,294

CHR10	3664816	CHR10:3664816	SSF x LoA	-8,951	-0,073	0,291
CHR10	3664872	CHR10:3664872	SSF x LoA	-11,762	0,041	0,289
CHR10	3664900	CHR10:3664900	SSF x LoA	-8,393	0,077	0,298
CHR10	3665008	CHR10:3665008	SSF x LoA	-9,864	-0,032	0,289
CHR10	3693484	CHR10:3693484	SSF x LoA	-9,755	0,104	0,285
CHR10	3693526	CHR10:3693526	SSF x LoA	8,157	-0,012	0,286
CHR10	3693715	CHR10:3693715	SSF x LoA	-8,947	0,003	0,276
CHR10	3693729	CHR10:3693729	SSF x LoA	-9,679	0,043	0,268
CHR10	3706602	CHR10:3706602	SSF x LoA	-8,442	-0,024	0,291
CHR10	3707724	CHR10:3707724	SSF x LoA	-5,903	-0,094	0,284
CHR10	3707928	CHR10:3707928	SSF x LoA	-10,417	-0,015	0,275
CHR10	3707986	CHR10:3707986	SSF x LoA	-10,602	-0,037	0,285
CHR10	3708026	CHR10:3708026	SSF x LoA	-7,820	-0,066	0,290
CHR10	3718557	CHR10:3718557	SSF x LoA	-8,762	0,142	0,286
CHR10	3718636	CHR10:3718636	SSF x LoA	-7,039	0,153	0,290
CHR10	3718677	CHR10:3718677	SSF x LoA	-6,818	0,111	0,301
CHR10	3718679	CHR10:3718679	SSF x LoA	-5,359	0,129	0,286
CHR10	3718682	CHR10:3718682	SSF x LoA	-7,674	0,127	0,288
CHR10	3718683	CHR10:3718683	SSF x LoA	-7,114	0,103	0,304
CHR10	3718693	CHR10:3718693	SSF x LoA	-7,784	-0,029	0,295
CHR10	3718695	CHR10:3718695	SSF x LoA	-8,329	-0,032	0,289
CHR10	3722340	CHR10:3722340	SSF x LoA	-8,526	0,006	0,288
CHR10	3722346	CHR10:3722346	SSF x LoA	-6,883	-0,013	0,300
CHR10	3722354	CHR10:3722354	SSF x LoA	-9,118	-0,046	0,298
CHR10	3722398	CHR10:3722398	SSF x LoA	-6,246	0,055	0,290
CHR10	3722460	CHR10:3722460	SSF x LoA	-4,154	0,189	0,280
CHR10	3722468	CHR10:3722468	SSF x LoA	-7,175	0,153	0,279
CHR10	3729692	CHR10:3729692	SSF x LoA	-10,646	0,042	0,290
CHR10	3729695	CHR10:3729695	SSF x LoA	-9,682	0,034	0,281
CHR10	3729700	CHR10:3729700	SSF x LoA	-10,062	0,003	0,295
CHR10	3729701	CHR10:3729701	SSF x LoA	-9,355	-0,009	0,292
CHR10	3729758	CHR10:3729758	SSF x LoA	-6,488	-0,170	0,293
CHR10	3730074	CHR10:3730074	SSF x LoA	-10,793	0,029	0,284
CHR10	3733210	CHR10:3733210	SSF x LoA	-4,745	-0,062	0,291
CHR10	3733211	CHR10:3733211	SSF x LoA	-7,017	-0,072	0,288
CHR10	3733239	CHR10:3733239	SSF x LoA	-6,687	-0,170	0,283
CHR10	3733240	CHR10:3733240	SSF x LoA	-5,075	-0,162	0,277
CHR10	3733691	CHR10:3733691	SSF x LoA	-7,285	-0,123	0,278
CHR10	3759502	CHR10:3759502	SSF x LoA	-9,931	-0,089	0,289
CHR10	3788735	CHR10:3788735	SSF x LoA	-9,218	0,020	0,279
CHR10	3802465	CHR10:3802465	SSF x LoA	-8,163	0,063	0,290
CHR10	3802529	CHR10:3802529	SSF x LoA	-6,466	-0,137	0,283
CHR10	3802566	CHR10:3802566	SSF x LoA	-7,553	-0,102	0,283
CHR10	3820842	CHR10:3820842	SSF x LoA	-4,352	-0,045	0,297
CHR10	3820862	CHR10:3820862	SSF x LoA	-7,930	0,052	0,290
CHR10	3821005	CHR10:3821005	SSF x LoA	-7,895	-0,028	0,298
CHR10	3821012	CHR10:3821012	SSF x LoA	-8,337	0,039	0,303
CHR10	3822514	CHR10:3822514	SSF x LoA	-7,906	0,102	0,282
CHR10	3822558	CHR10:3822558	SSF x LoA	-9,790	-0,024	0,294
CHR10	3822560	CHR10:3822560	SSF x LoA	-6,783	-0,073	0,285
CHR10	3822577	CHR10:3822577	SSF x LoA	-7,792	-0,149	0,295
CHR10	3822588	CHR10:3822588	SSF x LoA	-9,964	-0,023	0,301
CHR10	3822607	CHR10:3822607	SSF x LoA	-6,338	-0,073	0,298

CHR10	3822767	CHR10:3822767	SSF x LoA	-9,042	0,061	0,285
CHR10	3825424	CHR10:3825424	SSF x LoA	-7,734	-0,021	0,285
CHR10	3825506	CHR10:3825506	SSF x LoA	-10,156	0,012	0,299
CHR10	3834533	CHR10:3834533	SSF x LoA	-11,019	0,025	0,294
CHR10	3834543	CHR10:3834543	SSF x LoA	-7,702	0,053	0,308
CHR10	3836458	CHR10:3836458	SSF x LoA	-8,366	0,033	0,271
CHR10	3836685	CHR10:3836685	SSF x LoA	-8,554	0,115	0,286
CHR10	3870837	CHR10:3870837	SSF x LoA	-6,368	-0,143	0,286
CHR10	3871068	CHR10:3871068	SSF x LoA	-9,172	0,011	0,279
CHR10	3904257	CHR10:3904257	SSF x LoA	-10,191	-0,110	0,292
CHR10	3904453	CHR10:3904453	SSF x LoA	-9,355	0,036	0,299
CHR10	3904502	CHR10:3904502	SSF x LoA	-10,075	-0,065	0,290
CHR10	3904517	CHR10:3904517	SSF x LoA	-5,732	0,055	0,307
CHR10	3922041	CHR10:3922041	SSF x LoA	-7,729	-0,056	0,300
CHR10	3922070	CHR10:3922070	SSF x LoA	-6,534	0,024	0,291
CHR10	3922079	CHR10:3922079	SSF x LoA	-7,057	-0,121	0,290
CHR10	3922110	CHR10:3922110	SSF x LoA	-7,186	0,139	0,290
CHR10	3934609	CHR10:3934609	SSF x LoA	-7,934	-0,085	0,268
CHR10	3934915	CHR10:3934915	SSF x LoA	-9,652	-0,030	0,278
CHR10	3944233	CHR10:3944233	SSF x LoA	-8,598	0,013	0,292
CHR10	3944404	CHR10:3944404	SSF x LoA	-11,339	0,012	0,292
CHR10	4060809	CHR10:4060809	SSF x LoA	-5,562	0,175	0,287
CHR10	4063087	CHR10:4063087	SSF x LoA	-8,696	-0,086	0,300
CHR10	4098626	CHR10:4098626	SSF x LoA	-10,621	-0,053	0,276
CHR10	4098776	CHR10:4098776	SSF x LoA	-8,646	0,068	0,293
CHR10	4114997	CHR10:4114997	SSF x LoA	-9,007	-0,081	0,286
CHR10	4165812	CHR10:4165812	SSF x LoA	-11,062	0,021	0,291
CHR10	4165896	CHR10:4165896	SSF x LoA	-9,416	0,037	0,290
CHR10	4171329	CHR10:4171329	SSF x LoA	-10,434	-0,026	0,265
CHR10	4171537	CHR10:4171537	SSF x LoA	-7,907	0,075	0,297
CHR10	4171562	CHR10:4171562	SSF x LoA	-9,199	-0,049	0,288
CHR10	4171613	CHR10:4171613	SSF x LoA	-7,809	0,025	0,297
CHR10	4171616	CHR10:4171616	SSF x LoA	-7,965	0,041	0,288
CHR10	4171647	CHR10:4171647	SSF x LoA	-6,825	0,099	0,291
CHR10	4171686	CHR10:4171686	SSF x LoA	-9,189	0,005	0,298
CHR10	4171771	CHR10:4171771	SSF x LoA	-3,691	-0,198	0,292
CHR10	4178231	CHR10:4178231	SSF x LoA	-9,130	0,117	0,278
CHR10	4178238	CHR10:4178238	SSF x LoA	-8,795	-0,062	0,301
CHR10	4178393	CHR10:4178393	SSF x LoA	-6,786	0,106	0,288
CHR10	4191524	CHR10:4191524	SSF x LoA	-9,176	0,064	0,301
CHR10	4191623	CHR10:4191623	SSF x LoA	-9,620	-0,037	0,281
CHR10	4191804	CHR10:4191804	SSF x LoA	-11,457	0,052	0,298
CHR10	4193784	CHR10:4193784	SSF x LoA	-9,824	0,104	0,292
CHR10	4193856	CHR10:4193856	SSF x LoA	-10,066	0,023	0,300
CHR10	4193919	CHR10:4193919	SSF x LoA	-7,837	0,054	0,292
CHR10	4206718	CHR10:4206718	SSF x LoA	-9,859	-0,060	0,285
CHR10	4207924	CHR10:4207924	SSF x LoA	-8,671	0,006	0,299
CHR10	4207929	CHR10:4207929	SSF x LoA	-8,649	-0,074	0,296
CHR10	4207931	CHR10:4207931	SSF x LoA	-8,345	0,070	0,278
CHR10	4208099	CHR10:4208099	SSF x LoA	-3,139	0,159	0,296
CHR10	4216691	CHR10:4216691	SSF x LoA	14,449	-0,182	0,270
CHR10	4216787	CHR10:4216787	SSF x LoA	-6,769	-0,114	0,277
CHR10	4216829	CHR10:4216829	SSF x LoA	-9,715	0,080	0,313

CHR10	4228906	CHR10:4228906	SSF x LoA	-6,916	0,072	0,298
CHR10	4231791	CHR10:4231791	SSF x LoA	-7,151	0,084	0,300
CHR10	4239209	CHR10:4239209	SSF x LoA	-10,281	0,056	0,297
CHR10	4245035	CHR10:4245035	SSF x LoA	-10,397	0,010	0,289
CHR10	4245101	CHR10:4245101	SSF x LoA	-9,597	-0,019	0,283
CHR10	4249151	CHR10:4249151	SSF x LoA	-7,335	-0,118	0,288
CHR10	4292468	CHR10:4292468	SSF x LoA	-8,721	-0,015	0,296
CHR10	4292504	CHR10:4292504	SSF x LoA	-5,042	-0,185	0,287
CHR10	4292506	CHR10:4292506	SSF x LoA	-10,552	-0,045	0,291
CHR10	4292512	CHR10:4292512	SSF x LoA	-8,741	-0,036	0,296
CHR10	4295410	CHR10:4295410	SSF x LoA	-8,353	0,025	0,297
CHR10	4297755	CHR10:4297755	SSF x LoA	-6,656	-0,029	0,286
CHR10	4302015	CHR10:4302015	SSF x LoA	-10,228	-0,014	0,290
CHR10	4302069	CHR10:4302069	SSF x LoA	-7,997	0,102	0,295
CHR10	4313016	CHR10:4313016	SSF x LoA	-10,059	-0,073	0,277
CHR10	4313076	CHR10:4313076	SSF x LoA	-10,002	-0,063	0,291
CHR10	4313164	CHR10:4313164	SSF x LoA	-6,906	-0,122	0,294
CHR10	4313175	CHR10:4313175	SSF x LoA	-7,267	0,113	0,269
CHR10	4313250	CHR10:4313250	SSF x LoA	0,374	-0,052	0,315
CHR10	4313383	CHR10:4313383	SSF x LoA	-8,498	-0,025	0,307
CHR10	4318363	CHR10:4318363	SSF x LoA	-7,511	0,069	0,281
CHR10	4318420	CHR10:4318420	SSF x LoA	-8,492	0,029	0,279
CHR10	4332179	CHR10:4332179	SSF x LoA	-6,155	0,002	0,293
CHR10	4332262	CHR10:4332262	SSF x LoA	-7,149	0,095	0,284
CHR10	4332263	CHR10:4332263	SSF x LoA	-9,005	0,078	0,290
CHR10	4332424	CHR10:4332424	SSF x LoA	-7,854	-0,001	0,286
CHR10	4338041	CHR10:4338041	SSF x LoA	-8,886	0,080	0,272
CHR10	4347776	CHR10:4347776	SSF x LoA	-9,333	0,033	0,290
CHR10	4348019	CHR10:4348019	SSF x LoA	-10,162	-0,083	0,282
CHR10	4348074	CHR10:4348074	SSF x LoA	-7,721	-0,189	0,277
CHR10	4348098	CHR10:4348098	SSF x LoA	-9,420	-0,034	0,297
CHR10	4348102	CHR10:4348102	SSF x LoA	-9,043	-0,028	0,297
CHR10	4348125	CHR10:4348125	SSF x LoA	-9,525	-0,012	0,299
CHR10	4354346	CHR10:4354346	SSF x LoA	-7,917	0,069	0,278
CHR10	4354749	CHR10:4354749	SSF x LoA	-11,243	-0,004	0,279
CHR10	4358924	CHR10:4358924	SSF x LoA	-8,610	0,056	0,303
CHR10	4364735	CHR10:4364735	SSF x LoA	-7,403	0,113	0,290
CHR10	4364779	CHR10:4364779	SSF x LoA	-10,123	0,123	0,292
CHR10	4364860	CHR10:4364860	SSF x LoA	-8,273	0,094	0,295
CHR10	4364864	CHR10:4364864	SSF x LoA	-9,547	0,094	0,287
CHR10	4364879	CHR10:4364879	SSF x LoA	-8,304	0,027	0,297
CHR10	4364888	CHR10:4364888	SSF x LoA	-6,964	0,005	0,301
CHR10	4364906	CHR10:4364906	SSF x LoA	-10,393	-0,064	0,288
CHR10	4365019	CHR10:4365019	SSF x LoA	-11,506	-0,094	0,281
CHR10	4376232	CHR10:4376232	SSF x LoA	-8,683	-0,037	0,275
CHR10	4376259	CHR10:4376259	SSF x LoA	-10,229	0,039	0,282
CHR10	4376296	CHR10:4376296	SSF x LoA	-9,492	0,111	0,284
CHR10	4424665	CHR10:4424665	SSF x LoA	-7,936	0,042	0,291
CHR10	4424752	CHR10:4424752	SSF x LoA	-10,878	-0,046	0,273
CHR10	4427930	CHR10:4427930	SSF x LoA	-5,368	-0,156	0,278
CHR10	4427948	CHR10:4427948	SSF x LoA	0,215	-0,137	0,280
CHR10	4427962	CHR10:4427962	SSF x LoA	-7,741	0,064	0,283
CHR10	4428075	CHR10:4428075	SSF x LoA	-2,813	0,197	0,260

CHR10	4428086	CHR10:4428086	SSF x LoA	-8,482	-0,035	0,293
CHR10	4428090	CHR10:4428090	SSF x LoA	-8,318	-0,067	0,299
CHR10	4433788	CHR10:4433788	SSF x LoA	-7,865	0,194	0,274
CHR10	4434433	CHR10:4434433	SSF x LoA	-7,242	0,034	0,283
CHR10	4434451	CHR10:4434451	SSF x LoA	-5,645	0,170	0,275
CHR10	4434456	CHR10:4434456	SSF x LoA	-2,976	0,185	0,284
CHR10	4434484	CHR10:4434484	SSF x LoA	-5,305	0,211	0,272
CHR10	4434506	CHR10:4434506	SSF x LoA	-6,592	0,154	0,289
CHR10	4458061	CHR10:4458061	SSF x LoA	-8,339	-0,084	0,301
CHR10	4458139	CHR10:4458139	SSF x LoA	-10,255	0,009	0,285
CHR10	4458167	CHR10:4458167	SSF x LoA	-8,663	0,013	0,280
CHR10	4458209	CHR10:4458209	SSF x LoA	-5,374	-0,156	0,300
CHR10	4484810	CHR10:4484810	SSF x LoA	-8,591	-0,070	0,281
CHR10	4484849	CHR10:4484849	SSF x LoA	-7,928	0,133	0,280
CHR10	4484938	CHR10:4484938	SSF x LoA	-4,021	0,197	0,277
CHR10	4493619	CHR10:4493619	SSF x LoA	-8,138	-0,088	0,289
CHR10	4493923	CHR10:4493923	SSF x LoA	-8,984	0,015	0,276
CHR10	4498558	CHR10:4498558	SSF x LoA	-9,138	-0,036	0,285
CHR10	4498612	CHR10:4498612	SSF x LoA	-3,550	-0,061	0,288
CHR10	4498701	CHR10:4498701	SSF x LoA	-9,084	-0,160	0,292
CHR10	4499863	CHR10:4499863	SSF x LoA	-8,583	-0,131	0,279
CHR10	4499944	CHR10:4499944	SSF x LoA	-9,054	0,052	0,288
CHR10	4499973	CHR10:4499973	SSF x LoA	-9,229	-0,062	0,297
CHR10	4514338	CHR10:4514338	SSF x LoA	-11,354	-0,003	0,288
CHR10	4515096	CHR10:4515096	SSF x LoA	-8,842	-0,056	0,294
CHR10	4515152	CHR10:4515152	SSF x LoA	-9,727	0,061	0,291
CHR10	4515179	CHR10:4515179	SSF x LoA	-6,814	0,205	0,270
CHR10	4522053	CHR10:4522053	SSF x LoA	-5,720	-0,014	0,299
CHR10	4522100	CHR10:4522100	SSF x LoA	-10,124	-0,119	0,299
CHR10	4537264	CHR10:4537264	SSF x LoA	-7,771	-0,078	0,293
CHR10	4537422	CHR10:4537422	SSF x LoA	-9,575	-0,118	0,279
CHR10	4537692	CHR10:4537692	SSF x LoA	-7,432	-0,024	0,299
CHR10	4544730	CHR10:4544730	SSF x LoA	-11,088	-0,086	0,283
CHR10	4544759	CHR10:4544759	SSF x LoA	6,168	-0,209	0,275
CHR10	4544845	CHR10:4544845	SSF x LoA	-9,343	0,161	0,283
CHR10	4544863	CHR10:4544863	SSF x LoA	-9,599	-0,071	0,290
CHR10	4545049	CHR10:4545049	SSF x LoA	-9,175	0,083	0,281
CHR10	4545103	CHR10:4545103	SSF x LoA	-9,528	0,062	0,298
CHR10	4545144	CHR10:4545144	SSF x LoA	-10,379	0,013	0,293
CHR10	4548125	CHR10:4548125	SSF x LoA	-9,935	0,039	0,289
CHR10	4548176	CHR10:4548176	SSF x LoA	-8,424	-0,195	0,274
CHR10	4548196	CHR10:4548196	SSF x LoA	-8,978	0,093	0,282
CHR10	4551181	CHR10:4551181	SSF x LoA	-8,826	0,002	0,291
CHR10	4551182	CHR10:4551182	SSF x LoA	-6,830	0,022	0,305
CHR10	4557049	CHR10:4557049	SSF x LoA	-7,740	0,078	0,278
CHR10	4557189	CHR10:4557189	SSF x LoA	-7,508	0,056	0,287
CHR10	4557223	CHR10:4557223	SSF x LoA	-11,097	-0,001	0,280
CHR10	4574069	CHR10:4574069	SSF x LoA	-10,609	0,085	0,287
CHR10	4580131	CHR10:4580131	SSF x LoA	-10,191	0,018	0,286
CHR10	4580188	CHR10:4580188	SSF x LoA	-9,805	-0,016	0,291
CHR10	4596526	CHR10:4596526	SSF x LoA	-8,499	0,027	0,275
CHR10	4596548	CHR10:4596548	SSF x LoA	-8,790	-0,165	0,276
CHR10	4601873	CHR10:4601873	SSF x LoA	-9,146	-0,002	0,302

CHR10	4602235	CHR10:4602235	SSF x LoA	-6,971	0,028	0,285
CHR10	4602273	CHR10:4602273	SSF x LoA	-5,839	-0,073	0,279
CHR10	4618773	CHR10:4618773	SSF x LoA	-10,716	0,016	0,296
CHR10	4618910	CHR10:4618910	SSF x LoA	-9,727	0,045	0,301
CHR10	4629110	CHR10:4629110	SSF x LoA	-7,731	0,109	0,284
CHR10	4629212	CHR10:4629212	SSF x LoA	-12,019	-0,010	0,275
CHR10	4629259	CHR10:4629259	SSF x LoA	-8,179	-0,012	0,293
CHR10	4629279	CHR10:4629279	SSF x LoA	-9,151	0,063	0,284
CHR10	4629282	CHR10:4629282	SSF x LoA	-10,761	0,003	0,280
CHR10	4629319	CHR10:4629319	SSF x LoA	-7,884	-0,098	0,295
CHR10	4629334	CHR10:4629334	SSF x LoA	-8,509	-0,083	0,290
CHR10	4629363	CHR10:4629363	SSF x LoA	-5,956	0,018	0,292
CHR10	4629409	CHR10:4629409	SSF x LoA	-8,573	-0,051	0,288
CHR10	4638653	CHR10:4638653	SSF x LoA	-9,138	-0,035	0,300
CHR10	4638718	CHR10:4638718	SSF x LoA	-4,667	-0,183	0,260
CHR10	4638732	CHR10:4638732	SSF x LoA	-5,173	-0,145	0,284
CHR10	4638821	CHR10:4638821	SSF x LoA	-5,259	0,128	0,290
CHR10	4638826	CHR10:4638826	SSF x LoA	-7,652	0,164	0,281
CHR10	4638921	CHR10:4638921	SSF x LoA	-7,303	-0,028	0,293
CHR10	4638927	CHR10:4638927	SSF x LoA	-8,135	0,006	0,302
CHR10	4638979	CHR10:4638979	SSF x LoA	-8,473	-0,050	0,286
CHR10	4640834	CHR10:4640834	SSF x LoA	-6,388	-0,160	0,289
CHR10	4640835	CHR10:4640835	SSF x LoA	-8,793	-0,155	0,274
CHR10	4640842	CHR10:4640842	SSF x LoA	-9,935	-0,045	0,301
CHR10	4640875	CHR10:4640875	SSF x LoA	-6,187	0,078	0,281
CHR10	4640883	CHR10:4640883	SSF x LoA	-8,887	-0,023	0,277
CHR10	4666496	CHR10:4666496	SSF x LoA	-8,025	-0,170	0,284
CHR10	4666845	CHR10:4666845	SSF x LoA	-8,810	0,013	0,285
CHR10	4685484	CHR10:4685484	SSF x LoA	-10,128	0,129	0,293
CHR10	4685489	CHR10:4685489	SSF x LoA	-10,281	0,020	0,305
CHR10	4685592	CHR10:4685592	SSF x LoA	-7,934	0,051	0,297
CHR10	4685608	CHR10:4685608	SSF x LoA	-6,330	-0,110	0,280
CHR10	4714853	CHR10:4714853	SSF x LoA	-8,502	0,077	0,285
CHR10	4717824	CHR10:4717824	SSF x LoA	-6,393	-0,215	0,266
CHR10	4719398	CHR10:4719398	SSF x LoA	-9,130	-0,011	0,289
CHR10	4719451	CHR10:4719451	SSF x LoA	-8,229	0,023	0,295
CHR10	4720743	CHR10:4720743	SSF x LoA	-7,622	0,066	0,296
CHR10	4720912	CHR10:4720912	SSF x LoA	-9,044	0,021	0,289
CHR10	4720924	CHR10:4720924	SSF x LoA	-7,704	-0,040	0,297
CHR10	4721003	CHR10:4721003	SSF x LoA	-7,854	0,061	0,284
CHR10	4721062	CHR10:4721062	SSF x LoA	-4,628	0,144	0,275
CHR10	4746447	CHR10:4746447	SSF x LoA	-10,040	0,089	0,279
CHR10	4746725	CHR10:4746725	SSF x LoA	-8,553	0,103	0,289
CHR10	4746816	CHR10:4746816	SSF x LoA	-8,330	0,042	0,274
CHR10	4750805	CHR10:4750805	SSF x LoA	-10,760	0,034	0,299
CHR10	4750917	CHR10:4750917	SSF x LoA	-5,297	0,073	0,309
CHR10	4750947	CHR10:4750947	SSF x LoA	-11,589	-0,072	0,287
CHR10	4750951	CHR10:4750951	SSF x LoA	-8,244	0,006	0,292
CHR10	4751069	CHR10:4751069	SSF x LoA	-7,513	-0,072	0,294
CHR10	4753127	CHR10:4753127	SSF x LoA	-11,411	-0,005	0,290
CHR10	4753167	CHR10:4753167	SSF x LoA	-8,017	0,051	0,288
CHR10	4753168	CHR10:4753168	SSF x LoA	-5,479	-0,196	0,272
CHR10	4753220	CHR10:4753220	SSF x LoA	-8,178	0,052	0,291

CHR10	4753238	CHR10:4753238	SSF x LoA	-10,283	-0,042	0,287
CHR10	4765268	CHR10:4765268	SSF x LoA	-9,951	-0,030	0,282
CHR10	4765273	CHR10:4765273	SSF x LoA	-8,238	0,070	0,277
CHR10	4765334	CHR10:4765334	SSF x LoA	-9,181	0,015	0,284
CHR10	4765377	CHR10:4765377	SSF x LoA	-10,897	-0,003	0,282
CHR10	4765378	CHR10:4765378	SSF x LoA	-7,514	0,139	0,284
CHR10	4765393	CHR10:4765393	SSF x LoA	-9,254	-0,100	0,290
CHR10	4770166	CHR10:4770166	SSF x LoA	-10,724	-0,005	0,299
CHR10	4770174	CHR10:4770174	SSF x LoA	-10,276	0,042	0,289
CHR10	4771610	CHR10:4771610	SSF x LoA	-5,355	-0,075	0,296
CHR10	4771661	CHR10:4771661	SSF x LoA	-8,565	-0,060	0,286
CHR10	4771680	CHR10:4771680	SSF x LoA	-4,990	-0,043	0,302
CHR10	4771736	CHR10:4771736	SSF x LoA	-7,118	-0,059	0,291
CHR10	4771766	CHR10:4771766	SSF x LoA	-8,036	-0,032	0,283
CHR10	4771786	CHR10:4771786	SSF x LoA	-2,588	-0,012	0,308
CHR10	4778964	CHR10:4778964	SSF x LoA	2,879	0,070	0,290
CHR10	4779137	CHR10:4779137	SSF x LoA	-10,869	0,014	0,281
CHR10	4779150	CHR10:4779150	SSF x LoA	-9,791	0,012	0,282
CHR10	4779237	CHR10:4779237	SSF x LoA	-9,329	-0,017	0,292
CHR10	4786753	CHR10:4786753	SSF x LoA	-8,540	0,090	0,285
CHR10	4795727	CHR10:4795727	SSF x LoA	-6,498	0,080	0,292
CHR10	4795809	CHR10:4795809	SSF x LoA	-9,040	-0,139	0,277
CHR10	4795892	CHR10:4795892	SSF x LoA	-7,171	-0,090	0,288
CHR10	4799423	CHR10:4799423	SSF x LoA	-10,126	0,025	0,295
CHR10	4799496	CHR10:4799496	SSF x LoA	-9,328	-0,034	0,282
CHR10	4799561	CHR10:4799561	SSF x LoA	-7,811	-0,132	0,287
CHR10	4799588	CHR10:4799588	SSF x LoA	-8,070	0,141	0,287
CHR10	4799634	CHR10:4799634	SSF x LoA	-10,765	-0,040	0,303
CHR10	4805687	CHR10:4805687	SSF x LoA	-6,537	0,034	0,282
CHR10	4805834	CHR10:4805834	SSF x LoA	-6,388	-0,116	0,285
CHR10	4806934	CHR10:4806934	SSF x LoA	-8,868	-0,002	0,294
CHR10	4806954	CHR10:4806954	SSF x LoA	-10,077	0,013	0,288
CHR10	4807075	CHR10:4807075	SSF x LoA	-1,391	0,062	0,286
CHR10	4817079	CHR10:4817079	SSF x LoA	-9,305	0,077	0,287
CHR10	4817174	CHR10:4817174	SSF x LoA	-6,435	0,078	0,290
CHR10	4817339	CHR10:4817339	SSF x LoA	-7,603	-0,045	0,304
CHR10	4817373	CHR10:4817373	SSF x LoA	-6,942	0,158	0,267
CHR10	4837322	CHR10:4837322	SSF x LoA	-8,141	0,069	0,297
CHR10	4842414	CHR10:4842414	SSF x LoA	-11,125	0,026	0,298
CHR10	4842438	CHR10:4842438	SSF x LoA	-9,691	0,079	0,274
CHR10	4849021	CHR10:4849021	SSF x LoA	-7,568	-0,105	0,292
CHR10	4849128	CHR10:4849128	SSF x LoA	-8,678	-0,011	0,310
CHR10	4849315	CHR10:4849315	SSF x LoA	-7,253	0,041	0,301
CHR10	4849328	CHR10:4849328	SSF x LoA	-8,544	-0,056	0,294
CHR10	4849335	CHR10:4849335	SSF x LoA	-11,569	0,028	0,287
CHR10	4849395	CHR10:4849395	SSF x LoA	-1,235	0,089	0,298
CHR10	4849401	CHR10:4849401	SSF x LoA	-7,019	0,106	0,287
CHR10	4849445	CHR10:4849445	SSF x LoA	-11,248	-0,059	0,281
CHR10	4875666	CHR10:4875666	SSF x LoA	-9,032	0,093	0,292
CHR10	4878032	CHR10:4878032	SSF x LoA	-6,950	-0,123	0,280
CHR10	4878040	CHR10:4878040	SSF x LoA	-5,915	0,132	0,289
CHR10	4878045	CHR10:4878045	SSF x LoA	-8,996	0,089	0,273
CHR10	4878046	CHR10:4878046	SSF x LoA	-9,448	-0,082	0,282

CHR10	4878199	CHR10:4878199	SSF x LoA	-8,345	-0,044	0,295
CHR10	4884522	CHR10:4884522	SSF x LoA	-7,054	0,103	0,277
CHR10	4897218	CHR10:4897218	SSF x LoA	-8,449	-0,171	0,289
CHR10	4897461	CHR10:4897461	SSF x LoA	-10,453	0,035	0,301
CHR10	4903753	CHR10:4903753	SSF x LoA	-5,355	-0,055	0,304
CHR10	4903778	CHR10:4903778	SSF x LoA	-10,436	-0,069	0,283
CHR10	4904042	CHR10:4904042	SSF x LoA	-4,849	-0,158	0,290
CHR10	4904059	CHR10:4904059	SSF x LoA	-7,347	-0,097	0,301
CHR10	4909581	CHR10:4909581	SSF x LoA	-6,668	-0,171	0,272
CHR10	4909596	CHR10:4909596	SSF x LoA	-9,403	0,054	0,301
CHR10	4914299	CHR10:4914299	SSF x LoA	-7,885	0,084	0,276
CHR10	4914443	CHR10:4914443	SSF x LoA	-7,005	0,132	0,282
CHR10	4914476	CHR10:4914476	SSF x LoA	-9,157	-0,011	0,299
CHR10	4939104	CHR10:4939104	SSF x LoA	-8,544	-0,039	0,297
CHR10	4939332	CHR10:4939332	SSF x LoA	-3,325	-0,107	0,292
CHR10	4944401	CHR10:4944401	SSF x LoA	-8,504	-0,154	0,285
CHR10	4949702	CHR10:4949702	SSF x LoA	-7,115	-0,126	0,285
CHR10	4975125	CHR10:4975125	SSF x LoA	-6,621	-0,074	0,301
CHR10	4989648	CHR10:4989648	SSF x LoA	-7,609	-0,117	0,290
CHR10	4998550	CHR10:4998550	SSF x LoA	-9,050	-0,102	0,289
CHR10	4998620	CHR10:4998620	SSF x LoA	-7,741	0,060	0,286
CHR10	4998646	CHR10:4998646	SSF x LoA	-10,020	0,094	0,282
CHR10	4999389	CHR10:4999389	SSF x LoA	-8,137	0,193	0,274
CHR10	5002492	CHR10:5002492	SSF x LoA	-6,484	0,155	0,271
CHR10	5002498	CHR10:5002498	SSF x LoA	-2,528	0,161	0,281
CHR10	5002501	CHR10:5002501	SSF x LoA	-6,330	0,153	0,272
CHR10	5002509	CHR10:5002509	SSF x LoA	-3,697	0,199	0,276
CHR10	5019471	CHR10:5019471	SSF x LoA	-10,062	0,040	0,276
CHR10	5019503	CHR10:5019503	SSF x LoA	-9,740	-0,122	0,281
CHR10	5019548	CHR10:5019548	SSF x LoA	-8,021	0,178	0,278
CHR10	5029424	CHR10:5029424	SSF x LoA	-10,837	-0,087	0,289
CHR10	5029506	CHR10:5029506	SSF x LoA	-10,000	0,075	0,281
CHR10	5031737	CHR10:5031737	SSF x LoA	-7,842	-0,122	0,284
CHR10	5031818	CHR10:5031818	SSF x LoA	-7,885	-0,158	0,279
CHR10	5042159	CHR10:5042159	SSF x LoA	-9,282	-0,094	0,286
CHR10	5042497	CHR10:5042497	SSF x LoA	-7,394	-0,057	0,289
CHR10	5068205	CHR10:5068205	SSF x LoA	-8,736	0,154	0,297
CHR10	5068217	CHR10:5068217	SSF x LoA	-7,616	-0,014	0,281
CHR10	5068240	CHR10:5068240	SSF x LoA	-9,066	-0,029	0,296
CHR10	5068275	CHR10:5068275	SSF x LoA	-9,615	0,011	0,288
CHR10	5068278	CHR10:5068278	SSF x LoA	-8,446	0,056	0,265
CHR10	5068280	CHR10:5068280	SSF x LoA	-4,429	-0,122	0,277
CHR10	5068379	CHR10:5068379	SSF x LoA	-11,209	-0,003	0,288
CHR10	5068468	CHR10:5068468	SSF x LoA	-7,902	-0,031	0,271
CHR10	5074902	CHR10:5074902	SSF x LoA	-8,562	-0,055	0,305
CHR10	5074910	CHR10:5074910	SSF x LoA	-9,621	-0,045	0,274
CHR10	5074913	CHR10:5074913	SSF x LoA	-8,454	0,119	0,274
CHR10	5074917	CHR10:5074917	SSF x LoA	-7,580	0,054	0,291
CHR10	5075030	CHR10:5075030	SSF x LoA	-10,492	-0,071	0,290
CHR10	5075031	CHR10:5075031	SSF x LoA	-10,669	-0,069	0,294
CHR10	5075034	CHR10:5075034	SSF x LoA	-8,442	0,088	0,279
CHR10	5075072	CHR10:5075072	SSF x LoA	-11,065	-0,100	0,287
CHR10	5075108	CHR10:5075108	SSF x LoA	-8,153	0,034	0,296

CHR10	5075140	CHR10:5075140	SSF x LoA	-9,365	-0,049	0,282
CHR10	5078829	CHR10:5078829	SSF x LoA	-7,519	-0,072	0,296
CHR10	5082775	CHR10:5082775	SSF x LoA	-5,542	-0,054	0,289
CHR10	5094536	CHR10:5094536	SSF x LoA	-8,053	-0,126	0,262
CHR10	5094705	CHR10:5094705	SSF x LoA	-9,722	0,083	0,287
CHR10	5094740	CHR10:5094740	SSF x LoA	-9,275	-0,033	0,282
CHR10	5094745	CHR10:5094745	SSF x LoA	-6,945	0,112	0,297
CHR10	5094747	CHR10:5094747	SSF x LoA	-9,083	0,084	0,295
CHR10	5094796	CHR10:5094796	SSF x LoA	-5,636	0,184	0,279
CHR10	5094805	CHR10:5094805	SSF x LoA	-7,357	-0,143	0,273
CHR10	5101870	CHR10:5101870	SSF x LoA	-6,509	-0,126	0,289
CHR10	5102032	CHR10:5102032	SSF x LoA	-9,913	0,012	0,281
CHR10	5102143	CHR10:5102143	SSF x LoA	-10,175	-0,054	0,297
CHR10	5106742	CHR10:5106742	SSF x LoA	-7,537	-0,087	0,282
CHR10	5106750	CHR10:5106750	SSF x LoA	-7,989	-0,003	0,287
CHR10	5106785	CHR10:5106785	SSF x LoA	-6,726	-0,097	0,282
CHR10	5106787	CHR10:5106787	SSF x LoA	-8,193	-0,113	0,278
CHR10	5106839	CHR10:5106839	SSF x LoA	-7,734	-0,088	0,296
CHR10	5106842	CHR10:5106842	SSF x LoA	-4,698	-0,108	0,299
CHR10	5134836	CHR10:5134836	SSF x LoA	-7,177	-0,001	0,278
CHR10	5134837	CHR10:5134837	SSF x LoA	-8,948	-0,002	0,278
CHR10	5134859	CHR10:5134859	SSF x LoA	-5,834	-0,027	0,298
CHR10	5134948	CHR10:5134948	SSF x LoA	-7,948	0,089	0,294
CHR10	5134990	CHR10:5134990	SSF x LoA	-8,683	-0,023	0,280
CHR10	5134994	CHR10:5134994	SSF x LoA	-9,032	-0,002	0,275
CHR10	5135013	CHR10:5135013	SSF x LoA	-10,386	-0,011	0,300
CHR10	5135044	CHR10:5135044	SSF x LoA	-9,042	-0,060	0,294
CHR10	5135837	CHR10:5135837	SSF x LoA	-11,190	0,022	0,282
CHR10	5135840	CHR10:5135840	SSF x LoA	-8,013	-0,032	0,304
CHR10	5135848	CHR10:5135848	SSF x LoA	-7,850	-0,059	0,297
CHR10	5135850	CHR10:5135850	SSF x LoA	-7,371	-0,026	0,302
CHR10	5135865	CHR10:5135865	SSF x LoA	0,865	-0,184	0,288
CHR10	5135879	CHR10:5135879	SSF x LoA	0,846	0,261	0,278
CHR10	5138642	CHR10:5138642	SSF x LoA	-8,244	-0,037	0,303
CHR10	5138706	CHR10:5138706	SSF x LoA	-4,092	-0,109	0,292
CHR10	5138815	CHR10:5138815	SSF x LoA	-8,388	0,069	0,303
CHR10	5138817	CHR10:5138817	SSF x LoA	-9,175	0,051	0,285
CHR10	5138879	CHR10:5138879	SSF x LoA	-9,149	0,064	0,292
CHR10	5158819	CHR10:5158819	SSF x LoA	-9,156	-0,056	0,294
CHR10	5158838	CHR10:5158838	SSF x LoA	-9,675	-0,042	0,273
CHR10	5158843	CHR10:5158843	SSF x LoA	-9,145	-0,028	0,288
CHR10	5158864	CHR10:5158864	SSF x LoA	-8,962	-0,038	0,291
CHR10	5158865	CHR10:5158865	SSF x LoA	-8,018	-0,045	0,296
CHR10	5158891	CHR10:5158891	SSF x LoA	-8,674	-0,073	0,292
CHR10	5158895	CHR10:5158895	SSF x LoA	-9,884	-0,041	0,287
CHR10	5165444	CHR10:5165444	SSF x LoA	-8,917	0,008	0,276
CHR10	5165764	CHR10:5165764	SSF x LoA	-9,284	0,023	0,271
CHR10	5178737	CHR10:5178737	SSF x LoA	-7,879	-0,127	0,296
CHR10	5187103	CHR10:5187103	SSF x LoA	-6,597	-0,116	0,298
CHR10	5191017	CHR10:5191017	SSF x LoA	-8,199	0,040	0,288
CHR10	5191035	CHR10:5191035	SSF x LoA	-6,519	-0,079	0,282
CHR10	5191137	CHR10:5191137	SSF x LoA	-8,661	-0,106	0,299
CHR10	5191159	CHR10:5191159	SSF x LoA	-6,835	0,015	0,299

CHR10	5200339	CHR10:5200339	SSF x LoA	-0,036	0,182	0,288
CHR10	5200351	CHR10:5200351	SSF x LoA	-9,015	0,059	0,310
CHR10	5217620	CHR10:5217620	SSF x LoA	-8,849	0,024	0,288
CHR10	5217626	CHR10:5217626	SSF x LoA	-8,911	-0,031	0,286
CHR10	5217663	CHR10:5217663	SSF x LoA	-9,677	0,087	0,288
CHR10	5217809	CHR10:5217809	SSF x LoA	-8,781	-0,095	0,292
CHR10	5227398	CHR10:5227398	SSF x LoA	-7,254	0,040	0,287
CHR10	5227691	CHR10:5227691	SSF x LoA	-6,846	-0,161	0,286
CHR10	5239586	CHR10:5239586	SSF x LoA	-8,257	-0,051	0,291
CHR10	5239774	CHR10:5239774	SSF x LoA	-8,447	-0,093	0,283
CHR10	5239832	CHR10:5239832	SSF x LoA	-9,529	0,021	0,291
CHR10	5239841	CHR10:5239841	SSF x LoA	-8,838	0,036	0,283
CHR10	5253265	CHR10:5253265	SSF x LoA	-9,324	0,025	0,284
CHR10	5253286	CHR10:5253286	SSF x LoA	-8,825	0,105	0,305
CHR10	5253435	CHR10:5253435	SSF x LoA	-9,783	-0,032	0,301
CHR10	5253528	CHR10:5253528	SSF x LoA	-7,030	0,169	0,268
CHR10	5253591	CHR10:5253591	SSF x LoA	-6,435	-0,157	0,287
CHR10	5253607	CHR10:5253607	SSF x LoA	-8,953	0,049	0,301
CHR10	5258197	CHR10:5258197	SSF x LoA	-7,376	0,117	0,291
CHR10	5258199	CHR10:5258199	SSF x LoA	-8,228	0,117	0,291
CHR10	5258200	CHR10:5258200	SSF x LoA	-6,973	0,145	0,295
CHR10	5258202	CHR10:5258202	SSF x LoA	-5,743	0,132	0,292
CHR10	5258268	CHR10:5258268	SSF x LoA	-5,856	0,144	0,289
CHR10	5264454	CHR10:5264454	SSF x LoA	-8,484	-0,109	0,284
CHR10	526851	CHR10:526851	SSF x LoA	-9,553	-0,023	0,278
CHR10	5286024	CHR10:5286024	SSF x LoA	-8,640	0,157	0,276
CHR10	5288271	CHR10:5288271	SSF x LoA	-11,365	-0,057	0,291
CHR10	5294738	CHR10:5294738	SSF x LoA	-10,197	0,001	0,299
CHR10	5294833	CHR10:5294833	SSF x LoA	-6,886	-0,133	0,286
CHR10	5303365	CHR10:5303365	SSF x LoA	-8,124	-0,025	0,299
CHR10	5303377	CHR10:5303377	SSF x LoA	-7,911	-0,030	0,299
CHR10	5303457	CHR10:5303457	SSF x LoA	-6,293	-0,167	0,281
CHR10	5303523	CHR10:5303523	SSF x LoA	-9,587	-0,119	0,272
CHR10	5303565	CHR10:5303565	SSF x LoA	-7,905	0,090	0,295
CHR10	5306384	CHR10:5306384	SSF x LoA	-10,045	-0,023	0,284
CHR10	5306430	CHR10:5306430	SSF x LoA	-9,554	0,115	0,281
CHR10	5313775	CHR10:5313775	SSF x LoA	-5,217	0,122	0,289
CHR10	5313780	CHR10:5313780	SSF x LoA	-6,814	-0,042	0,301
CHR10	5314024	CHR10:5314024	SSF x LoA	-9,783	0,096	0,276
CHR10	5327629	CHR10:5327629	SSF x LoA	-9,088	0,078	0,307
CHR10	5327716	CHR10:5327716	SSF x LoA	-6,828	-0,088	0,297
CHR10	5327765	CHR10:5327765	SSF x LoA	-6,154	0,165	0,264
CHR10	5327767	CHR10:5327767	SSF x LoA	-8,929	-0,045	0,293
CHR10	5353686	CHR10:5353686	SSF x LoA	-7,904	0,065	0,301
CHR10	5353769	CHR10:5353769	SSF x LoA	-8,975	0,103	0,269
CHR10	5354020	CHR10:5354020	SSF x LoA	-11,792	0,000	0,284
CHR10	5354039	CHR10:5354039	SSF x LoA	-9,616	-0,011	0,288
CHR10	5357687	CHR10:5357687	SSF x LoA	-6,619	-0,137	0,283
CHR10	5357689	CHR10:5357689	SSF x LoA	-6,507	-0,122	0,293
CHR10	5357758	CHR10:5357758	SSF x LoA	-7,662	-0,124	0,274
CHR10	5381940	CHR10:5381940	SSF x LoA	-8,552	0,092	0,286
CHR10	5383760	CHR10:5383760	SSF x LoA	-10,703	0,012	0,286
CHR10	5387065	CHR10:5387065	SSF x LoA	-4,413	-0,255	0,257

CHR10	5387161	CHR10:5387161	SSF x LoA	-10,766	0,020	0,298
CHR10	5392634	CHR10:5392634	SSF x LoA	-9,830	-0,068	0,281
CHR10	5392643	CHR10:5392643	SSF x LoA	-11,764	0,010	0,282
CHR10	5392652	CHR10:5392652	SSF x LoA	-10,812	0,008	0,283
CHR10	5392715	CHR10:5392715	SSF x LoA	-6,590	0,011	0,298
CHR10	5392812	CHR10:5392812	SSF x LoA	-3,535	-0,021	0,291
CHR10	5392859	CHR10:5392859	SSF x LoA	-8,527	0,055	0,294
CHR10	539602	CHR10:539602	SSF x LoA	-7,953	-0,195	0,275
CHR10	539753	CHR10:539753	SSF x LoA	-6,644	0,172	0,285
CHR10	5405449	CHR10:5405449	SSF x LoA	-8,023	0,017	0,287
CHR10	5405454	CHR10:5405454	SSF x LoA	-8,431	0,023	0,304
CHR10	5405517	CHR10:5405517	SSF x LoA	-9,371	0,022	0,311
CHR10	5411098	CHR10:5411098	SSF x LoA	-8,095	-0,148	0,276
CHR10	5411197	CHR10:5411197	SSF x LoA	-11,689	-0,029	0,287
CHR10	5411275	CHR10:5411275	SSF x LoA	-10,635	-0,114	0,287
CHR10	5411283	CHR10:5411283	SSF x LoA	-7,067	0,078	0,304
CHR10	5414629	CHR10:5414629	SSF x LoA	-11,724	0,033	0,284
CHR10	5414651	CHR10:5414651	SSF x LoA	-8,931	0,091	0,284
CHR10	5414701	CHR10:5414701	SSF x LoA	-9,591	-0,018	0,304
CHR10	543148	CHR10:543148	SSF x LoA	-9,923	-0,142	0,289
CHR10	5431952	CHR10:5431952	SSF x LoA	-7,943	0,004	0,301
CHR10	5432074	CHR10:5432074	SSF x LoA	-10,101	-0,078	0,302
CHR10	543340	CHR10:543340	SSF x LoA	-5,135	-0,146	0,281
CHR10	543450	CHR10:543450	SSF x LoA	-6,753	-0,094	0,281
CHR10	5451858	CHR10:5451858	SSF x LoA	-8,951	0,039	0,296
CHR10	5452032	CHR10:5452032	SSF x LoA	-11,036	-0,033	0,269
CHR10	5452126	CHR10:5452126	SSF x LoA	-9,266	0,007	0,276
CHR10	5452128	CHR10:5452128	SSF x LoA	-9,093	0,001	0,283
CHR10	5452152	CHR10:5452152	SSF x LoA	-8,198	0,032	0,279
CHR10	5452164	CHR10:5452164	SSF x LoA	-7,560	0,162	0,289
CHR10	5452184	CHR10:5452184	SSF x LoA	-7,869	0,046	0,291
CHR10	5453482	CHR10:5453482	SSF x LoA	-7,183	-0,092	0,296
CHR10	5453527	CHR10:5453527	SSF x LoA	-9,774	0,098	0,291
CHR10	5453696	CHR10:5453696	SSF x LoA	-8,439	0,067	0,275
CHR10	5453699	CHR10:5453699	SSF x LoA	-8,529	0,068	0,275
CHR10	5453702	CHR10:5453702	SSF x LoA	-7,845	-0,141	0,279
CHR10	5473472	CHR10:5473472	SSF x LoA	-9,206	-0,108	0,284
CHR10	5474644	CHR10:5474644	SSF x LoA	-6,826	0,100	0,286
CHR10	5474894	CHR10:5474894	SSF x LoA	-9,220	-0,060	0,273
CHR10	5488310	CHR10:5488310	SSF x LoA	-2,482	0,143	0,277
CHR10	5507774	CHR10:5507774	SSF x LoA	-8,186	0,094	0,282
CHR10	5507811	CHR10:5507811	SSF x LoA	-6,254	-0,182	0,274
CHR10	5507848	CHR10:5507848	SSF x LoA	-5,651	-0,200	0,285
CHR10	5507866	CHR10:5507866	SSF x LoA	-7,691	-0,163	0,278
CHR10	5507923	CHR10:5507923	SSF x LoA	-4,665	0,101	0,292
CHR10	5508007	CHR10:5508007	SSF x LoA	-9,793	-0,018	0,296
CHR10	5508018	CHR10:5508018	SSF x LoA	-8,885	0,097	0,293
CHR10	5521756	CHR10:5521756	SSF x LoA	-8,260	-0,026	0,295
CHR10	5523949	CHR10:5523949	SSF x LoA	-11,311	0,030	0,296
CHR10	5524002	CHR10:5524002	SSF x LoA	-9,539	0,090	0,289
CHR10	5524265	CHR10:5524265	SSF x LoA	-8,437	-0,079	0,290
CHR10	5526465	CHR10:5526465	SSF x LoA	-8,211	0,156	0,292
CHR10	5527982	CHR10:5527982	SSF x LoA	-8,809	-0,016	0,282

CHR10	5528025	CHR10:5528025	SSF x LoA	-7,294	-0,059	0,289
CHR10	5550066	CHR10:5550066	SSF x LoA	-9,960	-0,138	0,295
CHR10	5550070	CHR10:5550070	SSF x LoA	-7,599	-0,119	0,275
CHR10	5552002	CHR10:5552002	SSF x LoA	-10,643	0,067	0,294
CHR10	5556756	CHR10:5556756	SSF x LoA	-8,690	0,003	0,298
CHR10	5566860	CHR10:5566860	SSF x LoA	-9,210	-0,006	0,274
CHR10	556847	CHR10:556847	SSF x LoA	-10,291	0,054	0,292
CHR10	556859	CHR10:556859	SSF x LoA	-9,550	0,045	0,304
CHR10	5570954	CHR10:5570954	SSF x LoA	-9,670	0,034	0,294
CHR10	5570973	CHR10:5570973	SSF x LoA	-9,607	0,033	0,285
CHR10	5570984	CHR10:5570984	SSF x LoA	-11,285	-0,032	0,299
CHR10	5571089	CHR10:5571089	SSF x LoA	-6,994	0,126	0,284
CHR10	5571096	CHR10:5571096	SSF x LoA	-7,430	0,081	0,293
CHR10	5571111	CHR10:5571111	SSF x LoA	-9,591	0,075	0,306
CHR10	5571127	CHR10:5571127	SSF x LoA	-9,585	0,069	0,295
CHR10	5574027	CHR10:5574027	SSF x LoA	-9,361	-0,007	0,277
CHR10	5588526	CHR10:5588526	SSF x LoA	-6,721	0,025	0,303
CHR10	5588671	CHR10:5588671	SSF x LoA	-10,897	-0,099	0,279
CHR10	5588723	CHR10:5588723	SSF x LoA	-7,796	0,017	0,280
CHR10	5590069	CHR10:5590069	SSF x LoA	-5,483	-0,239	0,277
CHR10	5590181	CHR10:5590181	SSF x LoA	-3,531	0,199	0,288
CHR10	5590214	CHR10:5590214	SSF x LoA	-7,792	0,037	0,290
CHR10	5590233	CHR10:5590233	SSF x LoA	-7,388	0,059	0,294
CHR10	5590268	CHR10:5590268	SSF x LoA	-8,547	0,061	0,286
CHR10	5590276	CHR10:5590276	SSF x LoA	-8,100	-0,006	0,310
CHR10	5590311	CHR10:5590311	SSF x LoA	-11,396	-0,028	0,290
CHR10	5592895	CHR10:5592895	SSF x LoA	-2,000	0,174	0,303
CHR10	5592900	CHR10:5592900	SSF x LoA	-9,191	0,089	0,301
CHR10	5593074	CHR10:5593074	SSF x LoA	-7,592	-0,084	0,299
CHR10	5599785	CHR10:5599785	SSF x LoA	-9,809	-0,004	0,296
CHR10	5607595	CHR10:5607595	SSF x LoA	-8,591	-0,030	0,303
CHR10	5607624	CHR10:5607624	SSF x LoA	-9,996	-0,041	0,296
CHR10	5607676	CHR10:5607676	SSF x LoA	-2,729	-0,216	0,272
CHR10	5607728	CHR10:5607728	SSF x LoA	-4,541	-0,177	0,275
CHR10	5616521	CHR10:5616521	SSF x LoA	-10,117	0,110	0,281
CHR10	5629699	CHR10:5629699	SSF x LoA	-11,398	0,088	0,281
CHR10	5629768	CHR10:5629768	SSF x LoA	-7,499	-0,048	0,298
CHR10	5629807	CHR10:5629807	SSF x LoA	-10,100	-0,004	0,299
CHR10	5655808	CHR10:5655808	SSF x LoA	-7,433	-0,107	0,275
CHR10	5655871	CHR10:5655871	SSF x LoA	-7,534	-0,118	0,277
CHR10	5661506	CHR10:5661506	SSF x LoA	-10,760	0,024	0,297
CHR10	5661685	CHR10:5661685	SSF x LoA	-6,302	0,193	0,277
CHR10	5661747	CHR10:5661747	SSF x LoA	-10,067	0,017	0,281
CHR10	5661802	CHR10:5661802	SSF x LoA	-9,610	0,110	0,299
CHR10	5661871	CHR10:5661871	SSF x LoA	-5,713	-0,135	0,285
CHR10	5666024	CHR10:5666024	SSF x LoA	-8,680	0,128	0,291
CHR10	5686541	CHR10:5686541	SSF x LoA	-10,153	0,018	0,284
CHR10	5686597	CHR10:5686597	SSF x LoA	-8,883	0,086	0,278
CHR10	5686908	CHR10:5686908	SSF x LoA	-8,153	-0,026	0,292
CHR10	5701327	CHR10:5701327	SSF x LoA	-7,219	0,151	0,292
CHR10	5704983	CHR10:5704983	SSF x LoA	-8,764	-0,093	0,299
CHR10	5705364	CHR10:5705364	SSF x LoA	-1,071	0,191	0,283
CHR10	5705409	CHR10:5705409	SSF x LoA	-6,441	0,085	0,285

CHR10	5705434	CHR10:5705434	SSF x LoA	-7,887	-0,069	0,274
CHR10	5710614	CHR10:5710614	SSF x LoA	-8,333	-0,032	0,279
CHR10	5713506	CHR10:5713506	SSF x LoA	-8,967	0,123	0,291
CHR10	5732807	CHR10:5732807	SSF x LoA	-10,439	0,100	0,300
CHR10	5732997	CHR10:5732997	SSF x LoA	-8,586	0,075	0,285
CHR10	5754811	CHR10:5754811	SSF x LoA	-10,488	0,000	0,284
CHR10	5775045	CHR10:5775045	SSF x LoA	-8,301	0,091	0,272
CHR10	5775260	CHR10:5775260	SSF x LoA	-2,596	-0,211	0,273
CHR10	5775316	CHR10:5775316	SSF x LoA	-3,288	0,031	0,297
CHR10	5775392	CHR10:5775392	SSF x LoA	-7,823	0,078	0,299
CHR10	5787669	CHR10:5787669	SSF x LoA	-9,194	0,061	0,293
CHR10	5787720	CHR10:5787720	SSF x LoA	-5,688	0,155	0,291
CHR10	5795761	CHR10:5795761	SSF x LoA	-9,578	0,043	0,294
CHR10	5795857	CHR10:5795857	SSF x LoA	-9,225	0,047	0,285
CHR10	5835972	CHR10:5835972	SSF x LoA	-3,392	0,232	0,281
CHR10	5836218	CHR10:5836218	SSF x LoA	-9,517	0,120	0,276
CHR10	5836243	CHR10:5836243	SSF x LoA	-9,375	0,131	0,280
CHR10	5836972	CHR10:5836972	SSF x LoA	-10,902	0,017	0,290
CHR10	5837094	CHR10:5837094	SSF x LoA	-5,393	0,129	0,291
CHR10	5837153	CHR10:5837153	SSF x LoA	-2,152	0,049	0,292
CHR10	5866801	CHR10:5866801	SSF x LoA	-8,037	0,043	0,281
CHR10	5866802	CHR10:5866802	SSF x LoA	-7,515	0,027	0,282
CHR10	5866842	CHR10:5866842	SSF x LoA	-9,195	-0,057	0,294
CHR10	5866849	CHR10:5866849	SSF x LoA	-9,028	0,032	0,278
CHR10	5874534	CHR10:5874534	SSF x LoA	-6,313	0,108	0,301
CHR10	5874576	CHR10:5874576	SSF x LoA	-5,765	-0,006	0,282
CHR10	5875842	CHR10:5875842	SSF x LoA	-8,323	-0,035	0,285
CHR10	5876158	CHR10:5876158	SSF x LoA	-11,506	-0,017	0,284
CHR10	5884898	CHR10:5884898	SSF x LoA	-8,316	-0,042	0,283
CHR10	5884916	CHR10:5884916	SSF x LoA	-7,526	-0,045	0,296
CHR10	5885230	CHR10:5885230	SSF x LoA	-2,847	-0,247	0,275
CHR10	5889600	CHR10:5889600	SSF x LoA	-9,699	0,012	0,289
CHR10	5891894	CHR10:5891894	SSF x LoA	-10,331	0,056	0,289
CHR10	5896365	CHR10:5896365	SSF x LoA	-5,772	0,054	0,310
CHR10	5897687	CHR10:5897687	SSF x LoA	-11,839	0,037	0,292
CHR10	5897744	CHR10:5897744	SSF x LoA	15,456	0,050	0,285
CHR10	5897768	CHR10:5897768	SSF x LoA	-5,392	0,136	0,279
CHR10	5897816	CHR10:5897816	SSF x LoA	-0,208	-0,072	0,306
CHR10	5897817	CHR10:5897817	SSF x LoA	-8,479	-0,033	0,299
CHR10	5909341	CHR10:5909341	SSF x LoA	-10,078	0,054	0,280
CHR10	5909348	CHR10:5909348	SSF x LoA	-6,749	-0,034	0,278
CHR10	5909355	CHR10:5909355	SSF x LoA	-11,654	0,085	0,272
CHR10	5909360	CHR10:5909360	SSF x LoA	-7,500	0,078	0,297
CHR10	5909795	CHR10:5909795	SSF x LoA	-9,773	-0,181	0,273
CHR10	5909859	CHR10:5909859	SSF x LoA	-3,305	0,195	0,288
CHR10	5909860	CHR10:5909860	SSF x LoA	-8,083	-0,065	0,294
CHR10	5909967	CHR10:5909967	SSF x LoA	0,142	-0,144	0,270
CHR10	5914826	CHR10:5914826	SSF x LoA	-9,672	0,117	0,299
CHR10	5914997	CHR10:5914997	SSF x LoA	-8,820	0,006	0,286
CHR10	5926376	CHR10:5926376	SSF x LoA	-8,295	-0,038	0,295
CHR10	5926431	CHR10:5926431	SSF x LoA	-7,867	0,022	0,302
CHR10	5926447	CHR10:5926447	SSF x LoA	-10,394	-0,032	0,290
CHR10	5926453	CHR10:5926453	SSF x LoA	-7,266	0,096	0,292

CHR10	5926457	CHR10:5926457	SSF x LoA	-6,023	-0,155	0,288
CHR10	5926473	CHR10:5926473	SSF x LoA	-9,607	-0,122	0,286
CHR10	5926484	CHR10:5926484	SSF x LoA	0,768	-0,104	0,294
CHR10	5927603	CHR10:5927603	SSF x LoA	-11,109	0,008	0,280
CHR10	5927649	CHR10:5927649	SSF x LoA	-9,954	0,079	0,295
CHR10	5933138	CHR10:5933138	SSF x LoA	-1,362	-0,205	0,277
CHR10	5935304	CHR10:5935304	SSF x LoA	-8,408	0,056	0,299
CHR10	5935311	CHR10:5935311	SSF x LoA	-7,552	-0,071	0,290
CHR10	5941223	CHR10:5941223	SSF x LoA	-7,900	0,009	0,287
CHR10	5941287	CHR10:5941287	SSF x LoA	-4,279	0,045	0,283
CHR10	5941307	CHR10:5941307	SSF x LoA	-8,223	0,031	0,285
CHR10	5941310	CHR10:5941310	SSF x LoA	-10,517	0,079	0,277
CHR10	5941318	CHR10:5941318	SSF x LoA	-10,274	0,068	0,276
CHR10	5941340	CHR10:5941340	SSF x LoA	-8,712	-0,087	0,285
CHR10	5941352	CHR10:5941352	SSF x LoA	5,573	0,044	0,287
CHR10	5972187	CHR10:5972187	SSF x LoA	-9,404	0,016	0,294
CHR10	5972222	CHR10:5972222	SSF x LoA	-7,375	0,090	0,299
CHR10	5972291	CHR10:5972291	SSF x LoA	-7,292	0,154	0,298
CHR10	5972432	CHR10:5972432	SSF x LoA	-9,036	0,098	0,280
CHR10	5976495	CHR10:5976495	SSF x LoA	-10,380	0,092	0,282
CHR10	5976511	CHR10:5976511	SSF x LoA	-9,708	0,027	0,289
CHR10	5977486	CHR10:5977486	SSF x LoA	-8,984	0,008	0,297
CHR10	5977676	CHR10:5977676	SSF x LoA	-4,456	-0,158	0,279
CHR10	5985371	CHR10:5985371	SSF x LoA	-9,192	0,073	0,286
CHR10	5985571	CHR10:5985571	SSF x LoA	-6,631	0,061	0,294
CHR10	5985579	CHR10:5985579	SSF x LoA	-8,342	0,044	0,294
CHR10	5985584	CHR10:5985584	SSF x LoA	-7,284	0,066	0,296
CHR10	5999585	CHR10:5999585	SSF x LoA	-9,331	0,021	0,294
CHR10	5999630	CHR10:5999630	SSF x LoA	-4,578	0,089	0,285
CHR10	5999638	CHR10:5999638	SSF x LoA	-7,934	0,101	0,293
CHR10	5999639	CHR10:5999639	SSF x LoA	-6,709	0,057	0,295
CHR10	5999706	CHR10:5999706	SSF x LoA	-8,312	0,033	0,290
CHR10	5999748	CHR10:5999748	SSF x LoA	-6,004	-0,093	0,277
CHR10	6000567	CHR10:6000567	SSF x LoA	-6,932	0,097	0,265
CHR10	6000634	CHR10:6000634	SSF x LoA	-6,454	0,131	0,259
CHR10	6003261	CHR10:6003261	SSF x LoA	-9,881	0,013	0,295
CHR10	6009038	CHR10:6009038	SSF x LoA	-8,547	0,102	0,306
CHR10	6009052	CHR10:6009052	SSF x LoA	-9,294	0,095	0,290
CHR10	6009071	CHR10:6009071	SSF x LoA	-7,997	-0,140	0,279
CHR10	6009088	CHR10:6009088	SSF x LoA	-4,618	0,082	0,286
CHR10	6036600	CHR10:6036600	SSF x LoA	-9,591	0,011	0,290
CHR10	6036940	CHR10:6036940	SSF x LoA	-10,439	0,047	0,305
CHR10	6039728	CHR10:6039728	SSF x LoA	-8,828	0,011	0,300
CHR10	6039734	CHR10:6039734	SSF x LoA	-7,057	-0,031	0,297
CHR10	6039763	CHR10:6039763	SSF x LoA	-10,968	0,012	0,290
CHR10	6039766	CHR10:6039766	SSF x LoA	-9,570	0,062	0,292
CHR10	6039767	CHR10:6039767	SSF x LoA	-8,551	0,100	0,285
CHR10	6039828	CHR10:6039828	SSF x LoA	-6,404	0,065	0,293
CHR10	6039831	CHR10:6039831	SSF x LoA	-9,902	0,017	0,279
CHR10	6039835	CHR10:6039835	SSF x LoA	-10,553	0,021	0,277
CHR10	6047146	CHR10:6047146	SSF x LoA	-10,661	0,110	0,291
CHR10	6047342	CHR10:6047342	SSF x LoA	-10,675	-0,047	0,283
CHR10	6047411	CHR10:6047411	SSF x LoA	-7,984	-0,074	0,298

CHR10	6047481	CHR10:6047481	SSF x LoA	-10,781	0,024	0,284
CHR10	608015	CHR10:608015	SSF x LoA	-8,421	0,088	0,301
CHR10	608107	CHR10:608107	SSF x LoA	-7,985	-0,035	0,299
CHR10	6095729	CHR10:6095729	SSF x LoA	-5,520	0,206	0,296
CHR10	6095752	CHR10:6095752	SSF x LoA	-4,483	0,251	0,265
CHR10	6099425	CHR10:6099425	SSF x LoA	-9,215	-0,002	0,293
CHR10	6099446	CHR10:6099446	SSF x LoA	-5,871	-0,150	0,278
CHR10	6112168	CHR10:6112168	SSF x LoA	-7,658	0,103	0,294
CHR10	6112175	CHR10:6112175	SSF x LoA	-8,021	-0,129	0,261
CHR10	6116492	CHR10:6116492	SSF x LoA	-10,707	-0,038	0,304
CHR10	6116707	CHR10:6116707	SSF x LoA	-7,850	0,009	0,279
CHR10	614237	CHR10:614237	SSF x LoA	-7,178	0,123	0,287
CHR10	614337	CHR10:614337	SSF x LoA	-11,153	0,058	0,296
CHR10	6151940	CHR10:6151940	SSF x LoA	-10,893	0,084	0,288
CHR10	6152098	CHR10:6152098	SSF x LoA	-7,098	0,175	0,288
CHR10	6152161	CHR10:6152161	SSF x LoA	-5,152	0,179	0,294
CHR10	6152168	CHR10:6152168	SSF x LoA	-7,565	0,185	0,274
CHR10	6152215	CHR10:6152215	SSF x LoA	-8,847	0,036	0,283
CHR10	615566	CHR10:615566	SSF x LoA	-8,989	0,081	0,288
CHR10	6158545	CHR10:6158545	SSF x LoA	-4,237	-0,105	0,278
CHR10	6158551	CHR10:6158551	SSF x LoA	-6,960	-0,042	0,292
CHR10	6158584	CHR10:6158584	SSF x LoA	-9,238	0,023	0,291
CHR10	6166683	CHR10:6166683	SSF x LoA	-9,099	0,010	0,305
CHR10	6166876	CHR10:6166876	SSF x LoA	-7,164	0,107	0,303
CHR10	6177813	CHR10:6177813	SSF x LoA	-4,012	-0,147	0,279
CHR10	6177849	CHR10:6177849	SSF x LoA	-7,929	0,128	0,276
CHR10	6177873	CHR10:6177873	SSF x LoA	7,060	0,109	0,273
CHR10	6178003	CHR10:6178003	SSF x LoA	-7,453	0,146	0,287
CHR10	6183800	CHR10:6183800	SSF x LoA	-8,128	0,054	0,302
CHR10	6184076	CHR10:6184076	SSF x LoA	-7,658	-0,093	0,288
CHR10	6184084	CHR10:6184084	SSF x LoA	-8,125	0,102	0,295
CHR10	6195085	CHR10:6195085	SSF x LoA	-5,915	0,084	0,285
CHR10	6196976	CHR10:6196976	SSF x LoA	-8,135	-0,128	0,294
CHR10	6228844	CHR10:6228844	SSF x LoA	-8,731	-0,034	0,288
CHR10	6228898	CHR10:6228898	SSF x LoA	-7,597	0,001	0,294
CHR10	6228913	CHR10:6228913	SSF x LoA	-8,341	0,132	0,291
CHR10	6235758	CHR10:6235758	SSF x LoA	-8,387	0,057	0,298
CHR10	6235780	CHR10:6235780	SSF x LoA	-8,944	0,047	0,293
CHR10	6235854	CHR10:6235854	SSF x LoA	-11,063	-0,073	0,283
CHR10	6236014	CHR10:6236014	SSF x LoA	-9,730	-0,087	0,296
CHR10	6252583	CHR10:6252583	SSF x LoA	-11,085	-0,025	0,281
CHR10	625873	CHR10:625873	SSF x LoA	-11,542	-0,057	0,301
CHR10	6265355	CHR10:6265355	SSF x LoA	-1,128	0,179	0,277
CHR10	6265393	CHR10:6265393	SSF x LoA	-3,257	0,225	0,275
CHR10	6265527	CHR10:6265527	SSF x LoA	-2,537	-0,100	0,288
CHR10	629067	CHR10:629067	SSF x LoA	-9,537	0,121	0,286
CHR10	6291730	CHR10:6291730	SSF x LoA	-7,601	-0,065	0,284
CHR10	6317355	CHR10:6317355	SSF x LoA	-6,972	-0,160	0,276
CHR10	6317356	CHR10:6317356	SSF x LoA	-8,194	-0,137	0,273
CHR10	6339025	CHR10:6339025	SSF x LoA	-5,783	-0,035	0,304
CHR10	6339135	CHR10:6339135	SSF x LoA	-9,625	0,051	0,284
CHR10	6339148	CHR10:6339148	SSF x LoA	-10,906	-0,026	0,265
CHR10	6339165	CHR10:6339165	SSF x LoA	-2,483	0,119	0,295

CHR10	6339253	CHR10:6339253	SSF x LoA	-9,587	-0,075	0,286
CHR10	6339268	CHR10:6339268	SSF x LoA	-7,233	0,122	0,291
CHR10	6339288	CHR10:6339288	SSF x LoA	-8,303	0,082	0,300
CHR10	6351818	CHR10:6351818	SSF x LoA	-5,414	0,046	0,293
CHR10	6351879	CHR10:6351879	SSF x LoA	-9,414	0,032	0,299
CHR10	6352145	CHR10:6352145	SSF x LoA	-7,586	-0,039	0,295
CHR10	635349	CHR10:635349	SSF x LoA	-10,290	-0,075	0,302
CHR10	6384338	CHR10:6384338	SSF x LoA	-8,108	-0,064	0,281
CHR10	6404122	CHR10:6404122	SSF x LoA	-8,443	-0,079	0,294
CHR10	6404251	CHR10:6404251	SSF x LoA	-11,049	0,063	0,296
CHR10	6416764	CHR10:6416764	SSF x LoA	-7,402	-0,151	0,293
CHR10	6426869	CHR10:6426869	SSF x LoA	-1,696	0,245	0,284
CHR10	6426879	CHR10:6426879	SSF x LoA	2,643	0,214	0,276
CHR10	6426966	CHR10:6426966	SSF x LoA	-8,805	0,103	0,293
CHR10	6427020	CHR10:6427020	SSF x LoA	-9,971	0,041	0,289
CHR10	6427188	CHR10:6427188	SSF x LoA	0,055	-0,032	0,277
CHR10	6444392	CHR10:6444392	SSF x LoA	-11,015	-0,047	0,293
CHR10	6444412	CHR10:6444412	SSF x LoA	-10,349	0,016	0,295
CHR10	6444496	CHR10:6444496	SSF x LoA	-7,774	-0,086	0,285
CHR10	6450351	CHR10:6450351	SSF x LoA	-7,970	-0,128	0,283
CHR10	6450352	CHR10:6450352	SSF x LoA	-8,010	-0,108	0,296
CHR10	6451327	CHR10:6451327	SSF x LoA	-5,770	-0,015	0,289
CHR10	6451387	CHR10:6451387	SSF x LoA	-9,573	0,021	0,286
CHR10	6460639	CHR10:6460639	SSF x LoA	-10,422	0,047	0,286
CHR10	6475566	CHR10:6475566	SSF x LoA	-8,868	-0,025	0,280
CHR10	6475610	CHR10:6475610	SSF x LoA	-11,028	-0,030	0,280
CHR10	6475624	CHR10:6475624	SSF x LoA	-8,733	-0,005	0,308
CHR10	6475639	CHR10:6475639	SSF x LoA	-9,033	0,032	0,305
CHR10	6475662	CHR10:6475662	SSF x LoA	-9,252	-0,003	0,289
CHR10	6475706	CHR10:6475706	SSF x LoA	-8,199	-0,106	0,302
CHR10	6475726	CHR10:6475726	SSF x LoA	-5,799	0,143	0,291
CHR10	6483471	CHR10:6483471	SSF x LoA	-9,092	0,026	0,280
CHR10	6483505	CHR10:6483505	SSF x LoA	-9,276	0,057	0,296
CHR10	6517737	CHR10:6517737	SSF x LoA	-9,771	0,081	0,292
CHR10	6517884	CHR10:6517884	SSF x LoA	-10,760	0,000	0,278
CHR10	6517919	CHR10:6517919	SSF x LoA	-9,270	0,131	0,285
CHR10	6517981	CHR10:6517981	SSF x LoA	-8,527	0,079	0,287
CHR10	6524565	CHR10:6524565	SSF x LoA	-7,195	0,089	0,276
CHR10	6524714	CHR10:6524714	SSF x LoA	-9,676	-0,073	0,299
CHR10	6531988	CHR10:6531988	SSF x LoA	-7,436	-0,167	0,287
CHR10	6586457	CHR10:6586457	SSF x LoA	-8,578	0,004	0,284
CHR10	6586738	CHR10:6586738	SSF x LoA	-10,613	-0,030	0,293
CHR10	6589885	CHR10:6589885	SSF x LoA	-8,305	-0,158	0,277
CHR10	6589904	CHR10:6589904	SSF x LoA	-6,819	-0,040	0,310
CHR10	6589963	CHR10:6589963	SSF x LoA	-5,357	-0,151	0,291
CHR10	6589969	CHR10:6589969	SSF x LoA	-7,707	-0,099	0,310
CHR10	6603304	CHR10:6603304	SSF x LoA	-8,447	0,029	0,284
CHR10	6603431	CHR10:6603431	SSF x LoA	-8,642	-0,008	0,288
CHR10	6614649	CHR10:6614649	SSF x LoA	-9,575	0,127	0,290
CHR10	6614861	CHR10:6614861	SSF x LoA	-8,559	0,105	0,295
CHR10	6614972	CHR10:6614972	SSF x LoA	-6,365	0,061	0,301
CHR10	6624801	CHR10:6624801	SSF x LoA	-4,099	-0,002	0,288
CHR10	6624838	CHR10:6624838	SSF x LoA	-8,610	0,087	0,297

CHR10	6624852	CHR10:6624852	SSF x LoA	-8,881	-0,052	0,299
CHR10	6624922	CHR10:6624922	SSF x LoA	-8,224	0,038	0,308
CHR10	6624978	CHR10:6624978	SSF x LoA	-9,942	-0,028	0,292
CHR10	6629929	CHR10:6629929	SSF x LoA	-8,300	0,118	0,286
CHR10	6629971	CHR10:6629971	SSF x LoA	-9,091	-0,014	0,298
CHR10	6633350	CHR10:6633350	SSF x LoA	-5,510	-0,177	0,276
CHR10	6633352	CHR10:6633352	SSF x LoA	-9,653	0,065	0,282
CHR10	6633395	CHR10:6633395	SSF x LoA	-9,354	-0,125	0,273
CHR10	6633524	CHR10:6633524	SSF x LoA	-9,745	0,056	0,284
CHR10	6644328	CHR10:6644328	SSF x LoA	-7,392	-0,057	0,270
CHR10	6644334	CHR10:6644334	SSF x LoA	-9,885	-0,075	0,280
CHR10	6649742	CHR10:6649742	SSF x LoA	-9,370	0,088	0,296
CHR10	6649743	CHR10:6649743	SSF x LoA	-6,686	0,128	0,288
CHR10	6652229	CHR10:6652229	SSF x LoA	-10,329	0,034	0,277
CHR10	6652253	CHR10:6652253	SSF x LoA	-8,228	0,117	0,297
CHR10	6660507	CHR10:6660507	SSF x LoA	-6,796	0,130	0,301
CHR10	6660517	CHR10:6660517	SSF x LoA	-8,545	0,059	0,287
CHR10	6667301	CHR10:6667301	SSF x LoA	-5,720	-0,150	0,291
CHR10	6667344	CHR10:6667344	SSF x LoA	-4,126	-0,095	0,305
CHR10	6667567	CHR10:6667567	SSF x LoA	-5,416	0,128	0,288
CHR10	6667718	CHR10:6667718	SSF x LoA	-7,593	-0,009	0,286
CHR10	6689386	CHR10:6689386	SSF x LoA	-8,109	-0,090	0,278
CHR10	6689533	CHR10:6689533	SSF x LoA	-9,771	0,097	0,265
CHR10	6694481	CHR10:6694481	SSF x LoA	-8,370	0,072	0,295
CHR10	6718463	CHR10:6718463	SSF x LoA	-10,051	-0,029	0,287
CHR10	6737126	CHR10:6737126	SSF x LoA	-8,783	0,071	0,290
CHR10	6751898	CHR10:6751898	SSF x LoA	-10,214	0,096	0,296
CHR10	6753565	CHR10:6753565	SSF x LoA	-9,703	0,059	0,294
CHR10	6753590	CHR10:6753590	SSF x LoA	-6,704	0,018	0,283
CHR10	6759167	CHR10:6759167	SSF x LoA	-7,630	-0,184	0,283
CHR10	6781568	CHR10:6781568	SSF x LoA	-9,335	-0,047	0,286
CHR10	6781606	CHR10:6781606	SSF x LoA	-8,971	0,117	0,294
CHR10	6781610	CHR10:6781610	SSF x LoA	-9,281	0,002	0,269
CHR10	6794939	CHR10:6794939	SSF x LoA	-7,057	-0,100	0,300
CHR10	6794941	CHR10:6794941	SSF x LoA	-4,532	-0,155	0,279
CHR10	6794985	CHR10:6794985	SSF x LoA	-8,945	0,174	0,286
CHR10	6795165	CHR10:6795165	SSF x LoA	-7,689	-0,122	0,280
CHR10	6795214	CHR10:6795214	SSF x LoA	-10,311	-0,119	0,290
CHR10	6799544	CHR10:6799544	SSF x LoA	-7,191	0,097	0,293
CHR10	6799709	CHR10:6799709	SSF x LoA	-8,344	0,004	0,285
CHR10	6799716	CHR10:6799716	SSF x LoA	-8,914	0,009	0,289
CHR10	6799720	CHR10:6799720	SSF x LoA	-10,146	0,130	0,288
CHR10	6799826	CHR10:6799826	SSF x LoA	-11,071	0,031	0,283
CHR10	6807207	CHR10:6807207	SSF x LoA	-11,107	0,035	0,292
CHR10	6807221	CHR10:6807221	SSF x LoA	-7,190	-0,046	0,297
CHR10	6807236	CHR10:6807236	SSF x LoA	-5,587	0,042	0,290
CHR10	6815617	CHR10:6815617	SSF x LoA	-6,798	-0,109	0,296
CHR10	6821790	CHR10:6821790	SSF x LoA	-8,783	0,035	0,289
CHR10	6822052	CHR10:6822052	SSF x LoA	-10,652	-0,023	0,282
CHR10	6834238	CHR10:6834238	SSF x LoA	-9,061	0,100	0,291
CHR10	6834277	CHR10:6834277	SSF x LoA	-7,338	0,144	0,278
CHR10	6834281	CHR10:6834281	SSF x LoA	-4,974	0,169	0,291
CHR10	6834286	CHR10:6834286	SSF x LoA	-7,921	0,151	0,283

CHR10	6834295	CHR10:6834295	SSF x LoA	-11,302	0,044	0,287
CHR10	6834336	CHR10:6834336	SSF x LoA	-8,889	-0,052	0,280
CHR10	6834467	CHR10:6834467	SSF x LoA	-9,700	0,044	0,291
CHR10	6834480	CHR10:6834480	SSF x LoA	1,237	0,215	0,282
CHR10	6898112	CHR10:6898112	SSF x LoA	-9,879	0,024	0,305
CHR10	6912337	CHR10:6912337	SSF x LoA	-9,874	-0,108	0,293
CHR10	6923446	CHR10:6923446	SSF x LoA	-8,410	0,023	0,295
CHR10	6928393	CHR10:6928393	SSF x LoA	-7,730	0,014	0,288
CHR10	6929929	CHR10:6929929	SSF x LoA	-7,808	-0,075	0,283
CHR10	6939235	CHR10:6939235	SSF x LoA	-8,898	0,022	0,290
CHR10	6963889	CHR10:6963889	SSF x LoA	-9,859	-0,036	0,296
CHR10	6964094	CHR10:6964094	SSF x LoA	-9,144	0,134	0,289
CHR10	6968595	CHR10:6968595	SSF x LoA	-8,205	0,145	0,287
CHR10	6973834	CHR10:6973834	SSF x LoA	-10,842	-0,004	0,300
CHR10	6991842	CHR10:6991842	SSF x LoA	-10,169	0,035	0,289
CHR10	7022876	CHR10:7022876	SSF x LoA	-9,088	0,028	0,281
CHR10	7022957	CHR10:7022957	SSF x LoA	-10,312	0,043	0,296
CHR10	7024483	CHR10:7024483	SSF x LoA	-8,162	0,159	0,290
CHR10	7029272	CHR10:7029272	SSF x LoA	-8,999	0,075	0,287
CHR10	7029307	CHR10:7029307	SSF x LoA	-9,709	0,031	0,296
CHR10	7029367	CHR10:7029367	SSF x LoA	-7,521	-0,011	0,290
CHR10	7029437	CHR10:7029437	SSF x LoA	-9,429	0,140	0,282
CHR10	7038040	CHR10:7038040	SSF x LoA	-5,951	-0,156	0,296
CHR10	7046628	CHR10:7046628	SSF x LoA	-7,671	-0,049	0,273
CHR10	7048331	CHR10:7048331	SSF x LoA	-7,297	-0,146	0,282
CHR10	7048343	CHR10:7048343	SSF x LoA	-9,769	0,045	0,305
CHR10	7048408	CHR10:7048408	SSF x LoA	-7,961	0,134	0,282
CHR10	7048441	CHR10:7048441	SSF x LoA	-9,259	-0,068	0,294
CHR10	7048513	CHR10:7048513	SSF x LoA	-7,950	-0,189	0,281
CHR10	7056653	CHR10:7056653	SSF x LoA	-9,496	0,070	0,295
CHR10	7056857	CHR10:7056857	SSF x LoA	-8,644	-0,087	0,280
CHR10	7057016	CHR10:7057016	SSF x LoA	-10,989	-0,025	0,279
CHR10	7080956	CHR10:7080956	SSF x LoA	-11,167	0,023	0,276
CHR10	7081241	CHR10:7081241	SSF x LoA	-10,726	-0,014	0,285
CHR10	7085704	CHR10:7085704	SSF x LoA	-6,174	0,108	0,291
CHR10	7090962	CHR10:7090962	SSF x LoA	-8,120	-0,117	0,264
CHR10	7091073	CHR10:7091073	SSF x LoA	-7,273	-0,147	0,269
CHR10	7091078	CHR10:7091078	SSF x LoA	-9,677	0,011	0,289
CHR10	7106648	CHR10:7106648	SSF x LoA	-5,736	0,104	0,274
CHR10	7106886	CHR10:7106886	SSF x LoA	-8,032	0,022	0,277
CHR10	7107718	CHR10:7107718	SSF x LoA	-6,955	0,086	0,287
CHR10	7109748	CHR10:7109748	SSF x LoA	-7,826	-0,002	0,295
CHR10	7109806	CHR10:7109806	SSF x LoA	-7,583	0,052	0,284
CHR10	7109864	CHR10:7109864	SSF x LoA	-9,965	0,053	0,277
CHR10	7109867	CHR10:7109867	SSF x LoA	-6,696	-0,189	0,279
CHR10	7116814	CHR10:7116814	SSF x LoA	-9,640	0,002	0,288
CHR10	7116821	CHR10:7116821	SSF x LoA	-10,304	-0,040	0,286
CHR10	7116836	CHR10:7116836	SSF x LoA	-8,075	-0,024	0,290
CHR10	7116878	CHR10:7116878	SSF x LoA	-8,748	0,126	0,291
CHR10	7116899	CHR10:7116899	SSF x LoA	-8,949	0,019	0,301
CHR10	7116905	CHR10:7116905	SSF x LoA	-6,289	-0,073	0,286
CHR10	7116993	CHR10:7116993	SSF x LoA	-10,030	0,005	0,292
CHR10	7116998	CHR10:7116998	SSF x LoA	-10,122	0,048	0,298

CHR10	7117051	CHR10:7117051	SSF x LoA	-9,159	-0,018	0,287
CHR10	7117062	CHR10:7117062	SSF x LoA	-11,080	0,000	0,313
CHR10	7123971	CHR10:7123971	SSF x LoA	-5,503	-0,185	0,284
CHR10	7123980	CHR10:7123980	SSF x LoA	-11,400	0,024	0,290
CHR10	7124009	CHR10:7124009	SSF x LoA	-6,297	-0,174	0,276
CHR10	7124120	CHR10:7124120	SSF x LoA	-7,033	0,078	0,281
CHR10	7124238	CHR10:7124238	SSF x LoA	-9,592	0,041	0,276
CHR10	7154452	CHR10:7154452	SSF x LoA	-6,086	-0,124	0,286
CHR10	7154456	CHR10:7154456	SSF x LoA	-9,997	-0,005	0,268
CHR10	7154519	CHR10:7154519	SSF x LoA	-9,692	-0,003	0,273
CHR10	7154569	CHR10:7154569	SSF x LoA	-9,767	-0,013	0,311
CHR10	7161744	CHR10:7161744	SSF x LoA	-6,478	-0,033	0,271
CHR10	7161753	CHR10:7161753	SSF x LoA	-9,568	0,041	0,296
CHR10	7162631	CHR10:7162631	SSF x LoA	-8,307	0,052	0,293
CHR10	7171669	CHR10:7171669	SSF x LoA	-8,883	-0,033	0,303
CHR10	7171682	CHR10:7171682	SSF x LoA	-7,266	-0,091	0,300
CHR10	7171697	CHR10:7171697	SSF x LoA	-8,112	0,094	0,277
CHR10	7171716	CHR10:7171716	SSF x LoA	-8,902	0,063	0,274
CHR10	7174486	CHR10:7174486	SSF x LoA	-8,251	-0,135	0,288
CHR10	7174489	CHR10:7174489	SSF x LoA	-5,168	-0,198	0,276
CHR10	7174659	CHR10:7174659	SSF x LoA	-11,586	0,035	0,282
CHR10	7181850	CHR10:7181850	SSF x LoA	-10,306	0,000	0,286
CHR10	7181870	CHR10:7181870	SSF x LoA	-9,847	0,109	0,290
CHR10	7182031	CHR10:7182031	SSF x LoA	-6,314	0,138	0,277
CHR10	7182169	CHR10:7182169	SSF x LoA	-9,806	-0,061	0,284
CHR10	7187339	CHR10:7187339	SSF x LoA	-7,045	0,080	0,295
CHR10	7187375	CHR10:7187375	SSF x LoA	-2,572	0,096	0,286
CHR10	7201249	CHR10:7201249	SSF x LoA	-9,339	-0,001	0,305
CHR10	7201320	CHR10:7201320	SSF x LoA	-9,430	-0,094	0,285
CHR10	7201347	CHR10:7201347	SSF x LoA	-8,600	0,038	0,294
CHR10	7201364	CHR10:7201364	SSF x LoA	-8,904	0,152	0,294
CHR10	7203011	CHR10:7203011	SSF x LoA	-7,213	-0,023	0,295
CHR10	7203030	CHR10:7203030	SSF x LoA	-10,235	-0,111	0,286
CHR10	7203074	CHR10:7203074	SSF x LoA	-7,989	0,063	0,294
CHR10	7203076	CHR10:7203076	SSF x LoA	-9,224	0,042	0,295
CHR10	7203099	CHR10:7203099	SSF x LoA	-11,433	0,045	0,283
CHR10	7203117	CHR10:7203117	SSF x LoA	-8,470	-0,011	0,300
CHR10	7203143	CHR10:7203143	SSF x LoA	-10,394	0,024	0,288
CHR10	7203144	CHR10:7203144	SSF x LoA	-10,123	0,026	0,295
CHR10	7203157	CHR10:7203157	SSF x LoA	-9,949	0,053	0,292
CHR10	7203170	CHR10:7203170	SSF x LoA	-9,801	0,071	0,296
CHR10	7207740	CHR10:7207740	SSF x LoA	-7,412	0,120	0,298
CHR10	7211129	CHR10:7211129	SSF x LoA	-9,530	-0,022	0,283
CHR10	7211191	CHR10:7211191	SSF x LoA	-8,264	-0,093	0,278
CHR10	7211201	CHR10:7211201	SSF x LoA	-4,284	0,153	0,262
CHR10	7211464	CHR10:7211464	SSF x LoA	-5,484	-0,101	0,293
CHR10	721324	CHR10:721324	SSF x LoA	-3,311	0,164	0,278
CHR10	721371	CHR10:721371	SSF x LoA	-8,283	0,109	0,288
CHR10	721417	CHR10:721417	SSF x LoA	-4,898	0,142	0,291
CHR10	7216905	CHR10:7216905	SSF x LoA	-8,251	0,048	0,283
CHR10	7224537	CHR10:7224537	SSF x LoA	-10,348	0,009	0,305
CHR10	7275843	CHR10:7275843	SSF x LoA	-8,659	0,026	0,298
CHR10	7280359	CHR10:7280359	SSF x LoA	-5,698	-0,230	0,264

CHR10	7281853	CHR10:7281853	SSF x LoA	-7,519	0,004	0,288
CHR10	7282077	CHR10:7282077	SSF x LoA	-9,960	-0,016	0,287
CHR10	7282143	CHR10:7282143	SSF x LoA	-8,984	-0,117	0,297
CHR10	7282183	CHR10:7282183	SSF x LoA	-10,113	-0,028	0,287
CHR10	7288572	CHR10:7288572	SSF x LoA	-10,628	-0,035	0,297
CHR10	7288798	CHR10:7288798	SSF x LoA	-7,848	0,072	0,297
CHR10	7300051	CHR10:7300051	SSF x LoA	-10,369	-0,071	0,294
CHR10	7300123	CHR10:7300123	SSF x LoA	-11,650	0,029	0,275
CHR10	7300132	CHR10:7300132	SSF x LoA	-10,372	0,024	0,297
CHR10	7305732	CHR10:7305732	SSF x LoA	-9,751	0,006	0,300
CHR10	7305772	CHR10:7305772	SSF x LoA	-10,703	0,015	0,299
CHR10	731782	CHR10:731782	SSF x LoA	-7,139	-0,152	0,286
CHR10	731999	CHR10:731999	SSF x LoA	-9,562	0,005	0,292
CHR10	7345728	CHR10:7345728	SSF x LoA	-9,747	0,093	0,287
CHR10	7348100	CHR10:7348100	SSF x LoA	-8,572	-0,035	0,290
CHR10	7369582	CHR10:7369582	SSF x LoA	-7,824	-0,098	0,289
CHR10	7369780	CHR10:7369780	SSF x LoA	-7,848	-0,061	0,309
CHR10	737118	CHR10:737118	SSF x LoA	-8,167	-0,016	0,295
CHR10	737128	CHR10:737128	SSF x LoA	-8,900	-0,087	0,295
CHR10	737267	CHR10:737267	SSF x LoA	-6,237	-0,100	0,284
CHR10	7373528	CHR10:7373528	SSF x LoA	-10,217	0,033	0,292
CHR10	7373536	CHR10:7373536	SSF x LoA	-6,865	0,031	0,295
CHR10	7373558	CHR10:7373558	SSF x LoA	-7,354	-0,006	0,286
CHR10	7373636	CHR10:7373636	SSF x LoA	-11,079	0,004	0,297
CHR10	7373644	CHR10:7373644	SSF x LoA	-9,943	0,032	0,282
CHR10	7376569	CHR10:7376569	SSF x LoA	-10,168	-0,071	0,278
CHR10	7379260	CHR10:7379260	SSF x LoA	-7,751	-0,066	0,291
CHR10	7379509	CHR10:7379509	SSF x LoA	-9,090	-0,048	0,292
CHR10	7391198	CHR10:7391198	SSF x LoA	-5,672	-0,178	0,290
CHR10	7391310	CHR10:7391310	SSF x LoA	-6,818	-0,077	0,292
CHR10	7391539	CHR10:7391539	SSF x LoA	-8,484	-0,167	0,276
CHR10	7397325	CHR10:7397325	SSF x LoA	-7,823	0,058	0,299
CHR10	7397461	CHR10:7397461	SSF x LoA	-7,921	0,057	0,281
CHR10	7397581	CHR10:7397581	SSF x LoA	-9,706	-0,104	0,288
CHR10	7397588	CHR10:7397588	SSF x LoA	-9,942	-0,066	0,295
CHR10	7397597	CHR10:7397597	SSF x LoA	-7,368	-0,029	0,297
CHR10	7397662	CHR10:7397662	SSF x LoA	-10,002	0,039	0,277
CHR10	7397671	CHR10:7397671	SSF x LoA	-4,714	0,020	0,286
CHR10	7397705	CHR10:7397705	SSF x LoA	-7,665	0,001	0,300
CHR10	7415009	CHR10:7415009	SSF x LoA	-10,328	0,084	0,287
CHR10	7415040	CHR10:7415040	SSF x LoA	-9,757	0,001	0,283
CHR10	7415195	CHR10:7415195	SSF x LoA	-8,463	-0,048	0,277
CHR10	7415265	CHR10:7415265	SSF x LoA	-7,685	0,156	0,286
CHR10	7420169	CHR10:7420169	SSF x LoA	-8,908	0,048	0,295
CHR10	7420218	CHR10:7420218	SSF x LoA	-10,110	-0,078	0,285
CHR10	7420230	CHR10:7420230	SSF x LoA	-10,709	-0,049	0,295
CHR10	7420231	CHR10:7420231	SSF x LoA	-9,195	-0,058	0,289
CHR10	7420319	CHR10:7420319	SSF x LoA	-9,163	-0,085	0,286
CHR10	7434796	CHR10:7434796	SSF x LoA	-9,734	0,006	0,287
CHR10	7434974	CHR10:7434974	SSF x LoA	-10,934	-0,027	0,306
CHR10	7435075	CHR10:7435075	SSF x LoA	-8,651	-0,024	0,302
CHR10	7461702	CHR10:7461702	SSF x LoA	-6,868	-0,081	0,306
CHR10	7461897	CHR10:7461897	SSF x LoA	-8,323	-0,057	0,281

CHR10	7480671	CHR10:7480671	SSF x LoA	-5,700	-0,185	0,285
CHR10	7480707	CHR10:7480707	SSF x LoA	-6,387	0,065	0,295
CHR10	7480717	CHR10:7480717	SSF x LoA	-9,444	0,031	0,274
CHR10	7480725	CHR10:7480725	SSF x LoA	-8,121	-0,024	0,276
CHR10	7480735	CHR10:7480735	SSF x LoA	-8,615	-0,006	0,273
CHR10	7480744	CHR10:7480744	SSF x LoA	-8,647	-0,014	0,271
CHR10	7480751	CHR10:7480751	SSF x LoA	-8,616	-0,083	0,285
CHR10	7480807	CHR10:7480807	SSF x LoA	-9,843	0,166	0,269
CHR10	7480813	CHR10:7480813	SSF x LoA	-4,534	0,141	0,280
CHR10	7480873	CHR10:7480873	SSF x LoA	-8,050	-0,128	0,279
CHR10	7480884	CHR10:7480884	SSF x LoA	-8,353	-0,058	0,294
CHR10	7480995	CHR10:7480995	SSF x LoA	-8,135	0,041	0,292
CHR10	7488484	CHR10:7488484	SSF x LoA	-3,986	-0,019	0,305
CHR10	7488823	CHR10:7488823	SSF x LoA	-10,744	-0,020	0,288
CHR10	7488824	CHR10:7488824	SSF x LoA	-6,834	-0,129	0,290
CHR10	7488905	CHR10:7488905	SSF x LoA	-6,106	0,049	0,297
CHR10	752634	CHR10:752634	SSF x LoA	-4,551	0,104	0,297
CHR10	752655	CHR10:752655	SSF x LoA	-9,422	0,069	0,283
CHR10	752669	CHR10:752669	SSF x LoA	-9,197	0,015	0,287
CHR10	752738	CHR10:752738	SSF x LoA	-9,763	-0,040	0,292
CHR10	752782	CHR10:752782	SSF x LoA	-10,610	-0,010	0,295
CHR10	7536173	CHR10:7536173	SSF x LoA	-7,682	-0,079	0,289
CHR10	7553815	CHR10:7553815	SSF x LoA	-5,869	0,128	0,291
CHR10	7553863	CHR10:7553863	SSF x LoA	-6,688	-0,199	0,276
CHR10	7554988	CHR10:7554988	SSF x LoA	-8,582	-0,012	0,290
CHR10	7555046	CHR10:7555046	SSF x LoA	-7,617	-0,090	0,284
CHR10	7557195	CHR10:7557195	SSF x LoA	-10,107	-0,033	0,289
CHR10	7557202	CHR10:7557202	SSF x LoA	-5,156	-0,125	0,289
CHR10	7557259	CHR10:7557259	SSF x LoA	-9,420	0,141	0,289
CHR10	7557267	CHR10:7557267	SSF x LoA	-10,956	-0,014	0,305
CHR10	7557272	CHR10:7557272	SSF x LoA	-7,502	-0,092	0,287
CHR10	7557273	CHR10:7557273	SSF x LoA	-10,688	-0,073	0,287
CHR10	7557300	CHR10:7557300	SSF x LoA	-9,262	-0,021	0,288
CHR10	7570587	CHR10:7570587	SSF x LoA	-7,729	-0,035	0,294
CHR10	7570599	CHR10:7570599	SSF x LoA	-9,265	-0,064	0,294
CHR10	7570754	CHR10:7570754	SSF x LoA	-9,745	-0,042	0,288
CHR10	7570779	CHR10:7570779	SSF x LoA	-6,840	-0,012	0,282
CHR10	7591488	CHR10:7591488	SSF x LoA	-10,991	-0,007	0,290
CHR10	7591766	CHR10:7591766	SSF x LoA	-6,376	-0,108	0,285
CHR10	7620967	CHR10:7620967	SSF x LoA	-10,754	-0,030	0,278
CHR10	7621161	CHR10:7621161	SSF x LoA	-9,599	-0,072	0,289
CHR10	7631738	CHR10:7631738	SSF x LoA	-9,744	-0,092	0,282
CHR10	7631780	CHR10:7631780	SSF x LoA	-10,765	-0,069	0,288
CHR10	7631912	CHR10:7631912	SSF x LoA	-8,073	-0,070	0,289
CHR10	7650746	CHR10:7650746	SSF x LoA	-8,114	0,003	0,304
CHR10	7650863	CHR10:7650863	SSF x LoA	-8,392	-0,035	0,265
CHR10	7653014	CHR10:7653014	SSF x LoA	-7,480	0,131	0,285
CHR10	7653030	CHR10:7653030	SSF x LoA	-7,929	0,134	0,272
CHR10	7653048	CHR10:7653048	SSF x LoA	-9,595	0,011	0,297
CHR10	7653209	CHR10:7653209	SSF x LoA	-12,014	0,020	0,288
CHR10	7653226	CHR10:7653226	SSF x LoA	-9,563	-0,053	0,282
CHR10	7653324	CHR10:7653324	SSF x LoA	-8,736	-0,012	0,303
CHR10	7653328	CHR10:7653328	SSF x LoA	-8,998	-0,040	0,290

CHR10	7653333	CHR10:7653333	SSF x LoA	-9,104	-0,001	0,290
CHR10	7657653	CHR10:7657653	SSF x LoA	-11,129	0,097	0,279
CHR10	7657749	CHR10:7657749	SSF x LoA	-10,717	0,017	0,283
CHR10	7657751	CHR10:7657751	SSF x LoA	-10,269	-0,093	0,276
CHR10	7657826	CHR10:7657826	SSF x LoA	-7,313	-0,107	0,287
CHR10	7669426	CHR10:7669426	SSF x LoA	-7,436	0,018	0,300
CHR10	7669776	CHR10:7669776	SSF x LoA	-8,226	0,117	0,298
CHR10	7671539	CHR10:7671539	SSF x LoA	-4,773	0,078	0,290
CHR10	7675186	CHR10:7675186	SSF x LoA	-11,047	-0,004	0,292
CHR10	767545	CHR10:767545	SSF x LoA	-8,002	0,119	0,281
CHR10	7676952	CHR10:7676952	SSF x LoA	-0,120	-0,068	0,287
CHR10	7686591	CHR10:7686591	SSF x LoA	-8,690	0,027	0,300
CHR10	769063	CHR10:769063	SSF x LoA	-7,169	-0,100	0,301
CHR10	7701392	CHR10:7701392	SSF x LoA	-9,040	-0,104	0,283
CHR10	7702321	CHR10:7702321	SSF x LoA	-10,256	0,027	0,279
CHR10	7703087	CHR10:7703087	SSF x LoA	-7,132	-0,147	0,275
CHR10	7703152	CHR10:7703152	SSF x LoA	-9,003	0,043	0,283
CHR10	7703161	CHR10:7703161	SSF x LoA	-8,887	0,083	0,289
CHR10	7703286	CHR10:7703286	SSF x LoA	-6,851	-0,106	0,295
CHR10	7703990	CHR10:7703990	SSF x LoA	-9,819	-0,122	0,282
CHR10	7708282	CHR10:7708282	SSF x LoA	-8,290	0,064	0,303
CHR10	7713094	CHR10:7713094	SSF x LoA	0,605	-0,270	0,269
CHR10	7713222	CHR10:7713222	SSF x LoA	-8,414	0,075	0,288
CHR10	7773810	CHR10:7773810	SSF x LoA	-6,330	-0,104	0,295
CHR10	7773848	CHR10:7773848	SSF x LoA	-7,283	-0,055	0,292
CHR10	7773859	CHR10:7773859	SSF x LoA	-9,534	-0,065	0,272
CHR10	7773943	CHR10:7773943	SSF x LoA	-7,861	0,123	0,275
CHR10	779849	CHR10:779849	SSF x LoA	-7,925	-0,083	0,285
CHR10	779850	CHR10:779850	SSF x LoA	-8,588	0,049	0,291
CHR10	7807842	CHR10:7807842	SSF x LoA	-11,290	0,006	0,287
CHR10	7808096	CHR10:7808096	SSF x LoA	-6,728	0,180	0,282
CHR10	7808098	CHR10:7808098	SSF x LoA	-8,772	0,002	0,278
CHR10	7820208	CHR10:7820208	SSF x LoA	-9,736	0,013	0,290
CHR10	7820314	CHR10:7820314	SSF x LoA	-10,315	0,051	0,301
CHR10	7825479	CHR10:7825479	SSF x LoA	-8,880	0,017	0,291
CHR10	7826426	CHR10:7826426	SSF x LoA	-8,977	-0,090	0,289
CHR10	7826439	CHR10:7826439	SSF x LoA	-9,424	0,024	0,299
CHR10	7842638	CHR10:7842638	SSF x LoA	-9,789	0,058	0,284
CHR10	7842674	CHR10:7842674	SSF x LoA	-10,504	-0,022	0,301
CHR10	7842692	CHR10:7842692	SSF x LoA	-9,082	-0,086	0,293
CHR10	7859885	CHR10:7859885	SSF x LoA	-10,676	0,033	0,294
CHR10	7860600	CHR10:7860600	SSF x LoA	-11,032	0,024	0,299
CHR10	7860719	CHR10:7860719	SSF x LoA	-12,058	0,032	0,295
CHR10	7861780	CHR10:7861780	SSF x LoA	-3,058	0,085	0,292
CHR10	7861863	CHR10:7861863	SSF x LoA	-8,896	0,041	0,299
CHR10	7861880	CHR10:7861880	SSF x LoA	-8,124	0,072	0,300
CHR10	7870356	CHR10:7870356	SSF x LoA	-11,281	0,042	0,281
CHR10	7870411	CHR10:7870411	SSF x LoA	-0,748	-0,193	0,279
CHR10	7870445	CHR10:7870445	SSF x LoA	-7,947	-0,072	0,300
CHR10	7870658	CHR10:7870658	SSF x LoA	-8,088	-0,087	0,290
CHR10	7879391	CHR10:7879391	SSF x LoA	-6,638	0,046	0,295
CHR10	7879428	CHR10:7879428	SSF x LoA	-8,143	0,084	0,286
CHR10	7880089	CHR10:7880089	SSF x LoA	-11,271	0,013	0,295

CHR10	7880096	CHR10:7880096	SSF x LoA	-7,494	0,111	0,308
CHR10	788806	CHR10:788806	SSF x LoA	-7,642	-0,118	0,280
CHR10	7892219	CHR10:7892219	SSF x LoA	-7,978	-0,088	0,282
CHR10	7906074	CHR10:7906074	SSF x LoA	-2,811	0,150	0,290
CHR10	7906137	CHR10:7906137	SSF x LoA	-9,406	-0,012	0,283
CHR10	7906202	CHR10:7906202	SSF x LoA	-3,635	-0,068	0,286
CHR10	7923290	CHR10:7923290	SSF x LoA	-5,263	-0,006	0,284
CHR10	7923323	CHR10:7923323	SSF x LoA	-9,032	-0,022	0,281
CHR10	7923362	CHR10:7923362	SSF x LoA	-9,462	0,056	0,297
CHR10	7926713	CHR10:7926713	SSF x LoA	-7,365	-0,066	0,301
CHR10	7926758	CHR10:7926758	SSF x LoA	-7,326	-0,133	0,294
CHR10	7926772	CHR10:7926772	SSF x LoA	-8,670	-0,046	0,279
CHR10	7929395	CHR10:7929395	SSF x LoA	-7,341	-0,152	0,292
CHR10	7930926	CHR10:7930926	SSF x LoA	-8,382	-0,078	0,288
CHR10	7930964	CHR10:7930964	SSF x LoA	-9,699	-0,020	0,286
CHR10	7938193	CHR10:7938193	SSF x LoA	-9,121	-0,022	0,287
CHR10	7938237	CHR10:7938237	SSF x LoA	-7,501	-0,152	0,257
CHR10	7942175	CHR10:7942175	SSF x LoA	-6,552	0,159	0,292
CHR10	7942239	CHR10:7942239	SSF x LoA	-11,901	-0,001	0,284
CHR10	7949449	CHR10:7949449	SSF x LoA	-10,128	0,007	0,302
CHR10	7949454	CHR10:7949454	SSF x LoA	-9,359	-0,020	0,301
CHR10	7949457	CHR10:7949457	SSF x LoA	-7,857	-0,099	0,282
CHR10	7949467	CHR10:7949467	SSF x LoA	-9,527	-0,030	0,300
CHR10	7949571	CHR10:7949571	SSF x LoA	-8,306	0,018	0,296
CHR10	7949707	CHR10:7949707	SSF x LoA	-7,435	0,086	0,286
CHR10	7949711	CHR10:7949711	SSF x LoA	-5,594	0,011	0,294
CHR10	7949746	CHR10:7949746	SSF x LoA	-9,656	0,088	0,269
CHR10	7951769	CHR10:7951769	SSF x LoA	-9,268	-0,061	0,290
CHR10	7951789	CHR10:7951789	SSF x LoA	-10,051	-0,061	0,292
CHR10	7951807	CHR10:7951807	SSF x LoA	-8,781	-0,059	0,285
CHR10	7951892	CHR10:7951892	SSF x LoA	-6,669	0,108	0,287
CHR10	7951977	CHR10:7951977	SSF x LoA	-8,320	-0,023	0,277
CHR10	7951981	CHR10:7951981	SSF x LoA	-9,179	-0,020	0,278
CHR10	7952001	CHR10:7952001	SSF x LoA	-8,094	0,019	0,297
CHR10	7954349	CHR10:7954349	SSF x LoA	-9,459	-0,050	0,304
CHR10	7957097	CHR10:7957097	SSF x LoA	-7,292	0,118	0,293
CHR10	7957216	CHR10:7957216	SSF x LoA	-8,227	0,104	0,286
CHR10	7957380	CHR10:7957380	SSF x LoA	-9,616	-0,065	0,283
CHR10	7957395	CHR10:7957395	SSF x LoA	-9,591	0,012	0,297
CHR10	7969985	CHR10:7969985	SSF x LoA	-9,334	0,046	0,280
CHR10	7970017	CHR10:7970017	SSF x LoA	-7,686	-0,124	0,290
CHR10	7970050	CHR10:7970050	SSF x LoA	-10,078	-0,027	0,297
CHR10	7970102	CHR10:7970102	SSF x LoA	-9,856	0,004	0,313
CHR10	7970131	CHR10:7970131	SSF x LoA	-7,926	-0,092	0,274
CHR10	7970187	CHR10:7970187	SSF x LoA	-9,571	-0,011	0,294
CHR10	7981419	CHR10:7981419	SSF x LoA	-8,575	-0,072	0,288
CHR10	7981674	CHR10:7981674	SSF x LoA	-8,318	0,151	0,279
CHR10	7981686	CHR10:7981686	SSF x LoA	-9,054	0,090	0,298
CHR10	7981727	CHR10:7981727	SSF x LoA	-8,989	0,025	0,291
CHR10	7998100	CHR10:7998100	SSF x LoA	-7,646	-0,031	0,295
CHR10	7998115	CHR10:7998115	SSF x LoA	-9,037	-0,149	0,275
CHR10	7998183	CHR10:7998183	SSF x LoA	-10,247	-0,095	0,299
CHR10	7998205	CHR10:7998205	SSF x LoA	-7,648	-0,176	0,286

CHR10	8000351	CHR10:8000351	SSF x LoA	-9,051	0,004	0,286
CHR10	8000426	CHR10:8000426	SSF x LoA	-10,792	0,057	0,281
CHR10	8000515	CHR10:8000515	SSF x LoA	-2,701	0,146	0,287
CHR10	8050066	CHR10:8050066	SSF x LoA	-9,283	-0,002	0,281
CHR10	8075134	CHR10:8075134	SSF x LoA	-8,700	-0,046	0,295
CHR10	8075179	CHR10:8075179	SSF x LoA	-7,568	0,119	0,299
CHR10	8075292	CHR10:8075292	SSF x LoA	-9,770	-0,034	0,289
CHR10	8075308	CHR10:8075308	SSF x LoA	-8,751	-0,071	0,294
CHR10	8075340	CHR10:8075340	SSF x LoA	-9,709	-0,042	0,288
CHR10	8075345	CHR10:8075345	SSF x LoA	-8,354	-0,071	0,289
CHR10	8075350	CHR10:8075350	SSF x LoA	-8,446	0,047	0,266
CHR10	8075356	CHR10:8075356	SSF x LoA	-9,542	0,073	0,287
CHR10	8084797	CHR10:8084797	SSF x LoA	-7,162	0,133	0,283
CHR10	8088323	CHR10:8088323	SSF x LoA	-8,317	-0,082	0,288
CHR10	8088324	CHR10:8088324	SSF x LoA	-10,223	-0,004	0,299
CHR10	8088330	CHR10:8088330	SSF x LoA	-7,181	0,091	0,288
CHR10	8088387	CHR10:8088387	SSF x LoA	-7,149	0,029	0,288
CHR10	8088426	CHR10:8088426	SSF x LoA	-8,392	-0,001	0,300
CHR10	8088435	CHR10:8088435	SSF x LoA	-9,713	0,056	0,282
CHR10	8088439	CHR10:8088439	SSF x LoA	-9,385	0,073	0,292
CHR10	809383	CHR10:809383	SSF x LoA	-8,755	-0,076	0,293
CHR10	809528	CHR10:809528	SSF x LoA	-5,765	-0,085	0,298
CHR10	8097795	CHR10:8097795	SSF x LoA	-7,827	-0,005	0,300
CHR10	8099340	CHR10:8099340	SSF x LoA	-10,245	-0,090	0,278
CHR10	8099462	CHR10:8099462	SSF x LoA	-10,926	0,014	0,286
CHR10	8102779	CHR10:8102779	SSF x LoA	-6,567	0,040	0,310
CHR10	8127360	CHR10:8127360	SSF x LoA	-10,419	-0,005	0,293
CHR10	8127484	CHR10:8127484	SSF x LoA	-11,583	-0,003	0,285
CHR10	8127588	CHR10:8127588	SSF x LoA	-3,865	-0,010	0,303
CHR10	8139719	CHR10:8139719	SSF x LoA	-8,073	0,103	0,291
CHR10	8139820	CHR10:8139820	SSF x LoA	-9,555	-0,022	0,300
CHR10	8140025	CHR10:8140025	SSF x LoA	-8,684	-0,007	0,298
CHR10	8142958	CHR10:8142958	SSF x LoA	-8,147	-0,034	0,293
CHR10	8142968	CHR10:8142968	SSF x LoA	-7,930	-0,036	0,302
CHR10	8142976	CHR10:8142976	SSF x LoA	-8,137	-0,047	0,291
CHR10	8144906	CHR10:8144906	SSF x LoA	-6,812	0,118	0,283
CHR10	8144911	CHR10:8144911	SSF x LoA	-11,472	0,062	0,293
CHR10	8145065	CHR10:8145065	SSF x LoA	-8,317	-0,079	0,290
CHR10	8150572	CHR10:8150572	SSF x LoA	-11,487	-0,032	0,289
CHR10	8150612	CHR10:8150612	SSF x LoA	2,595	0,104	0,282
CHR10	8150886	CHR10:8150886	SSF x LoA	-9,646	0,126	0,286
CHR10	8150895	CHR10:8150895	SSF x LoA	-9,123	-0,055	0,292
CHR10	8173156	CHR10:8173156	SSF x LoA	-8,109	0,042	0,300
CHR10	8173181	CHR10:8173181	SSF x LoA	-6,689	0,001	0,311
CHR10	8173190	CHR10:8173190	SSF x LoA	-10,560	0,051	0,302
CHR10	8173225	CHR10:8173225	SSF x LoA	-8,358	0,100	0,283
CHR10	8173301	CHR10:8173301	SSF x LoA	-8,627	0,047	0,295
CHR10	8173302	CHR10:8173302	SSF x LoA	-11,312	0,078	0,276
CHR10	8178530	CHR10:8178530	SSF x LoA	-7,476	-0,025	0,294
CHR10	8197104	CHR10:8197104	SSF x LoA	-11,073	-0,123	0,277
CHR10	8197115	CHR10:8197115	SSF x LoA	-6,214	0,155	0,270
CHR10	8197130	CHR10:8197130	SSF x LoA	-5,853	0,150	0,290
CHR10	8202957	CHR10:8202957	SSF x LoA	-8,735	-0,016	0,298

CHR10	8202968	CHR10:8202968	SSF x LoA	-4,013	0,174	0,275
CHR10	8213504	CHR10:8213504	SSF x LoA	-11,028	-0,033	0,288
CHR10	8213560	CHR10:8213560	SSF x LoA	-9,602	0,050	0,301
CHR10	8213680	CHR10:8213680	SSF x LoA	-6,221	0,056	0,293
CHR10	8213702	CHR10:8213702	SSF x LoA	-4,036	-0,059	0,290
CHR10	8221384	CHR10:8221384	SSF x LoA	-9,109	-0,077	0,287
CHR10	8222981	CHR10:8222981	SSF x LoA	-3,445	0,236	0,295
CHR10	8233874	CHR10:8233874	SSF x LoA	-9,118	-0,052	0,303
CHR10	8233881	CHR10:8233881	SSF x LoA	-8,407	-0,060	0,292
CHR10	8233885	CHR10:8233885	SSF x LoA	-8,304	0,033	0,311
CHR10	8233891	CHR10:8233891	SSF x LoA	-8,418	0,035	0,303
CHR10	8234266	CHR10:8234266	SSF x LoA	-8,486	-0,049	0,294
CHR10	8246385	CHR10:8246385	SSF x LoA	-11,184	0,007	0,284
CHR10	8246394	CHR10:8246394	SSF x LoA	-7,873	-0,035	0,310
CHR10	8246416	CHR10:8246416	SSF x LoA	-7,825	-0,026	0,293
CHR10	8246615	CHR10:8246615	SSF x LoA	-9,009	0,034	0,276
CHR10	8246689	CHR10:8246689	SSF x LoA	-2,423	0,118	0,297
CHR10	826268	CHR10:826268	SSF x LoA	-7,559	-0,099	0,296
CHR10	826296	CHR10:826296	SSF x LoA	-4,364	-0,144	0,276
CHR10	826354	CHR10:826354	SSF x LoA	-8,543	0,065	0,276
CHR10	826432	CHR10:826432	SSF x LoA	-6,340	-0,144	0,277
CHR10	826480	CHR10:826480	SSF x LoA	-8,370	-0,062	0,287
CHR10	8266073	CHR10:8266073	SSF x LoA	-8,462	-0,003	0,303
CHR10	8266106	CHR10:8266106	SSF x LoA	-10,738	-0,018	0,295
CHR10	8266149	CHR10:8266149	SSF x LoA	-8,935	0,072	0,275
CHR10	8285934	CHR10:8285934	SSF x LoA	-11,589	-0,063	0,291
CHR10	8289789	CHR10:8289789	SSF x LoA	-8,031	0,006	0,271
CHR10	8289960	CHR10:8289960	SSF x LoA	-10,866	0,052	0,287
CHR10	8291034	CHR10:8291034	SSF x LoA	-8,305	-0,053	0,291
CHR10	8291076	CHR10:8291076	SSF x LoA	-10,851	0,079	0,287
CHR10	8291150	CHR10:8291150	SSF x LoA	-9,145	0,025	0,277
CHR10	8310194	CHR10:8310194	SSF x LoA	-10,127	0,055	0,286
CHR10	8310209	CHR10:8310209	SSF x LoA	-9,322	0,029	0,302
CHR10	8310325	CHR10:8310325	SSF x LoA	-8,868	-0,011	0,292
CHR10	8319199	CHR10:8319199	SSF x LoA	1,391	-0,312	0,267
CHR10	8319214	CHR10:8319214	SSF x LoA	-10,326	-0,002	0,290
CHR10	8319270	CHR10:8319270	SSF x LoA	-5,142	-0,268	0,272
CHR10	8319293	CHR10:8319293	SSF x LoA	-6,244	-0,118	0,296
CHR10	8319297	CHR10:8319297	SSF x LoA	-8,115	0,051	0,312
CHR10	8319298	CHR10:8319298	SSF x LoA	-8,238	0,099	0,291
CHR10	8319333	CHR10:8319333	SSF x LoA	-7,790	-0,110	0,283
CHR10	8352593	CHR10:8352593	SSF x LoA	-9,627	0,149	0,279
CHR10	8353805	CHR10:8353805	SSF x LoA	-6,228	0,235	0,276
CHR10	8353831	CHR10:8353831	SSF x LoA	-6,437	0,109	0,285
CHR10	8353914	CHR10:8353914	SSF x LoA	-9,021	0,108	0,273
CHR10	8356574	CHR10:8356574	SSF x LoA	-5,589	0,190	0,293
CHR10	8356651	CHR10:8356651	SSF x LoA	-6,894	-0,131	0,292
CHR10	8369743	CHR10:8369743	SSF x LoA	-7,163	-0,137	0,282
CHR10	8369801	CHR10:8369801	SSF x LoA	-8,514	-0,030	0,297
CHR10	8369809	CHR10:8369809	SSF x LoA	-5,027	0,086	0,301
CHR10	8369816	CHR10:8369816	SSF x LoA	-6,982	-0,082	0,291
CHR10	8369817	CHR10:8369817	SSF x LoA	-8,470	-0,025	0,297
CHR10	8369831	CHR10:8369831	SSF x LoA	-7,286	-0,083	0,295

CHR10	8369844	CHR10:8369844	SSF x LoA	-7,674	-0,011	0,304
CHR10	8369892	CHR10:8369892	SSF x LoA	-8,883	0,072	0,289
CHR10	8378218	CHR10:8378218	SSF x LoA	-9,923	-0,094	0,276
CHR10	8380296	CHR10:8380296	SSF x LoA	-8,238	0,104	0,272
CHR10	8380374	CHR10:8380374	SSF x LoA	-9,411	0,003	0,283
CHR10	8386616	CHR10:8386616	SSF x LoA	-9,796	0,002	0,295
CHR10	8386871	CHR10:8386871	SSF x LoA	-9,605	0,048	0,280
CHR10	8386974	CHR10:8386974	SSF x LoA	-10,009	0,036	0,290
CHR10	8387001	CHR10:8387001	SSF x LoA	-8,886	0,036	0,287
CHR10	8398482	CHR10:8398482	SSF x LoA	-8,105	-0,025	0,286
CHR10	8398773	CHR10:8398773	SSF x LoA	-10,320	-0,059	0,292
CHR10	840707	CHR10:840707	SSF x LoA	-8,831	-0,127	0,293
CHR10	8413630	CHR10:8413630	SSF x LoA	-3,460	-0,125	0,287
CHR10	8413663	CHR10:8413663	SSF x LoA	-9,784	-0,099	0,292
CHR10	8413991	CHR10:8413991	SSF x LoA	-8,653	-0,023	0,268
CHR10	8419734	CHR10:8419734	SSF x LoA	-7,833	0,041	0,286
CHR10	8419749	CHR10:8419749	SSF x LoA	-9,277	-0,096	0,296
CHR10	8419770	CHR10:8419770	SSF x LoA	-3,835	0,064	0,286
CHR10	8419775	CHR10:8419775	SSF x LoA	-7,878	0,034	0,279
CHR10	8419903	CHR10:8419903	SSF x LoA	-10,997	0,024	0,294
CHR10	8421608	CHR10:8421608	SSF x LoA	-9,774	-0,048	0,287
CHR10	8424255	CHR10:8424255	SSF x LoA	-5,108	0,039	0,282
CHR10	8441366	CHR10:8441366	SSF x LoA	3,940	0,198	0,283
CHR10	8441431	CHR10:8441431	SSF x LoA	-3,403	-0,161	0,283
CHR10	8441453	CHR10:8441453	SSF x LoA	-8,453	-0,074	0,282
CHR10	8441457	CHR10:8441457	SSF x LoA	-4,741	-0,164	0,262
CHR10	8441460	CHR10:8441460	SSF x LoA	-6,748	-0,148	0,276
CHR10	8441474	CHR10:8441474	SSF x LoA	-6,582	0,142	0,296
CHR10	8441496	CHR10:8441496	SSF x LoA	-5,609	-0,155	0,296
CHR10	8441518	CHR10:8441518	SSF x LoA	-5,570	-0,215	0,276
CHR10	8441572	CHR10:8441572	SSF x LoA	-6,370	-0,070	0,282
CHR10	8477770	CHR10:8477770	SSF x LoA	-2,311	-0,151	0,292
CHR10	8477847	CHR10:8477847	SSF x LoA	-10,201	-0,003	0,289
CHR10	8477863	CHR10:8477863	SSF x LoA	-9,656	-0,128	0,288
CHR10	8477901	CHR10:8477901	SSF x LoA	-9,156	-0,067	0,281
CHR10	8482383	CHR10:8482383	SSF x LoA	-8,513	0,049	0,281
CHR10	8483114	CHR10:8483114	SSF x LoA	-9,831	0,089	0,291
CHR10	8483121	CHR10:8483121	SSF x LoA	-7,983	-0,063	0,289
CHR10	8504603	CHR10:8504603	SSF x LoA	-9,447	0,057	0,284
CHR10	8504636	CHR10:8504636	SSF x LoA	-10,067	-0,053	0,288
CHR10	8504641	CHR10:8504641	SSF x LoA	-9,012	-0,047	0,277
CHR10	8504644	CHR10:8504644	SSF x LoA	-9,145	-0,055	0,281
CHR10	8508589	CHR10:8508589	SSF x LoA	-9,067	0,012	0,265
CHR10	8508630	CHR10:8508630	SSF x LoA	-6,870	0,061	0,286
CHR10	8508646	CHR10:8508646	SSF x LoA	-7,205	0,079	0,280
CHR10	8508690	CHR10:8508690	SSF x LoA	-4,895	-0,238	0,268
CHR10	8508701	CHR10:8508701	SSF x LoA	-4,909	-0,207	0,266
CHR10	8508706	CHR10:8508706	SSF x LoA	-7,429	0,068	0,281
CHR10	8508799	CHR10:8508799	SSF x LoA	-8,596	-0,142	0,279
CHR10	8508847	CHR10:8508847	SSF x LoA	-10,342	0,051	0,296
CHR10	8518079	CHR10:8518079	SSF x LoA	-9,960	-0,022	0,280
CHR10	8518132	CHR10:8518132	SSF x LoA	-8,635	-0,010	0,285
CHR10	8518162	CHR10:8518162	SSF x LoA	-4,614	-0,180	0,274

CHR10	8519883	CHR10:8519883	SSF x LoA	-9,603	0,011	0,297
CHR10	8519915	CHR10:8519915	SSF x LoA	-8,887	-0,016	0,288
CHR10	8519917	CHR10:8519917	SSF x LoA	-9,853	0,054	0,284
CHR10	8519949	CHR10:8519949	SSF x LoA	-7,739	0,123	0,281
CHR10	8519988	CHR10:8519988	SSF x LoA	-7,978	0,139	0,288
CHR10	8520030	CHR10:8520030	SSF x LoA	-9,336	0,022	0,294
CHR10	8520031	CHR10:8520031	SSF x LoA	-9,597	-0,116	0,280
CHR10	8520059	CHR10:8520059	SSF x LoA	-10,835	-0,076	0,281
CHR10	8520077	CHR10:8520077	SSF x LoA	-9,249	-0,073	0,290
CHR10	8521814	CHR10:8521814	SSF x LoA	-9,057	-0,081	0,274
CHR10	8521959	CHR10:8521959	SSF x LoA	-9,826	0,025	0,284
CHR10	8521972	CHR10:8521972	SSF x LoA	-3,527	0,053	0,291
CHR10	8522040	CHR10:8522040	SSF x LoA	-10,866	-0,071	0,286
CHR10	8546823	CHR10:8546823	SSF x LoA	-10,455	0,029	0,283
CHR10	8546874	CHR10:8546874	SSF x LoA	-6,766	0,141	0,274
CHR10	8546957	CHR10:8546957	SSF x LoA	-1,704	-0,037	0,275
CHR10	8547168	CHR10:8547168	SSF x LoA	-10,058	-0,104	0,287
CHR10	8589890	CHR10:8589890	SSF x LoA	-10,781	-0,005	0,292
CHR10	8589895	CHR10:8589895	SSF x LoA	-9,211	-0,014	0,294
CHR10	8589910	CHR10:8589910	SSF x LoA	-9,025	-0,002	0,294
CHR10	8589925	CHR10:8589925	SSF x LoA	-8,809	-0,038	0,279
CHR10	8589966	CHR10:8589966	SSF x LoA	-0,800	0,126	0,294
CHR10	8590021	CHR10:8590021	SSF x LoA	-10,817	-0,046	0,287
CHR10	8590141	CHR10:8590141	SSF x LoA	-7,248	0,057	0,291
CHR10	8602796	CHR10:8602796	SSF x LoA	-4,469	-0,190	0,268
CHR10	8602837	CHR10:8602837	SSF x LoA	-10,600	0,053	0,293
CHR10	8630945	CHR10:8630945	SSF x LoA	-7,936	0,029	0,294
CHR10	8631030	CHR10:8631030	SSF x LoA	7,048	-0,131	0,290
CHR10	8747468	CHR10:8747468	SSF x LoA	-8,987	0,003	0,304
CHR10	8764017	CHR10:8764017	SSF x LoA	-10,902	-0,035	0,284
CHR10	8764032	CHR10:8764032	SSF x LoA	-8,711	0,095	0,295
CHR10	8764129	CHR10:8764129	SSF x LoA	-8,498	0,011	0,298
CHR10	876476	CHR10:876476	SSF x LoA	-8,759	0,036	0,290
CHR10	876542	CHR10:876542	SSF x LoA	-8,264	-0,035	0,289
CHR10	876734	CHR10:876734	SSF x LoA	-9,711	-0,104	0,291
CHR10	876869	CHR10:876869	SSF x LoA	-10,247	-0,044	0,292
CHR10	8771975	CHR10:8771975	SSF x LoA	-10,078	-0,028	0,299
CHR10	8772112	CHR10:8772112	SSF x LoA	-6,866	0,147	0,279
CHR10	8775187	CHR10:8775187	SSF x LoA	-9,011	0,084	0,278
CHR10	8775319	CHR10:8775319	SSF x LoA	-5,982	-0,223	0,269
CHR10	8775446	CHR10:8775446	SSF x LoA	-8,240	0,129	0,286
CHR10	8775472	CHR10:8775472	SSF x LoA	-11,079	0,064	0,274
CHR10	8779466	CHR10:8779466	SSF x LoA	-8,820	-0,002	0,277
CHR10	8779468	CHR10:8779468	SSF x LoA	-8,487	-0,010	0,298
CHR10	8790411	CHR10:8790411	SSF x LoA	-8,731	0,006	0,292
CHR10	8790429	CHR10:8790429	SSF x LoA	-7,607	-0,091	0,284
CHR10	8794041	CHR10:8794041	SSF x LoA	-9,695	-0,066	0,297
CHR10	8794298	CHR10:8794298	SSF x LoA	-7,116	0,023	0,298
CHR10	8797191	CHR10:8797191	SSF x LoA	-8,442	0,050	0,300
CHR10	8799392	CHR10:8799392	SSF x LoA	5,337	0,080	0,288
CHR10	8801927	CHR10:8801927	SSF x LoA	-10,107	0,010	0,291
CHR10	8801965	CHR10:8801965	SSF x LoA	-9,766	-0,002	0,272
CHR10	8819791	CHR10:8819791	SSF x LoA	-7,872	0,077	0,301

CHR10	8819792	CHR10:8819792	SSF x LoA	-9,802	0,070	0,285
CHR10	8819853	CHR10:8819853	SSF x LoA	-9,007	-0,087	0,288
CHR10	8829036	CHR10:8829036	SSF x LoA	-8,850	0,089	0,292
CHR10	8842276	CHR10:8842276	SSF x LoA	-7,371	0,121	0,292
CHR10	8842355	CHR10:8842355	SSF x LoA	-10,265	0,024	0,285
CHR10	8844854	CHR10:8844854	SSF x LoA	-11,460	0,029	0,290
CHR10	8844937	CHR10:8844937	SSF x LoA	-10,267	-0,051	0,297
CHR10	8845196	CHR10:8845196	SSF x LoA	-8,032	-0,117	0,300
CHR10	8851440	CHR10:8851440	SSF x LoA	-10,850	-0,082	0,285
CHR10	8857679	CHR10:8857679	SSF x LoA	-9,394	0,032	0,291
CHR10	8857694	CHR10:8857694	SSF x LoA	-5,685	0,179	0,263
CHR10	8857760	CHR10:8857760	SSF x LoA	-8,439	-0,063	0,295
CHR10	8857794	CHR10:8857794	SSF x LoA	-8,674	-0,150	0,277
CHR10	8857799	CHR10:8857799	SSF x LoA	-7,699	-0,142	0,280
CHR10	8857806	CHR10:8857806	SSF x LoA	-6,123	0,095	0,289
CHR10	8873190	CHR10:8873190	SSF x LoA	-7,360	0,019	0,297
CHR10	8877039	CHR10:8877039	SSF x LoA	-8,775	-0,146	0,276
CHR10	8877107	CHR10:8877107	SSF x LoA	-10,175	-0,051	0,281
CHR10	8877195	CHR10:8877195	SSF x LoA	-8,424	0,154	0,275
CHR10	8877250	CHR10:8877250	SSF x LoA	-10,962	0,075	0,296
CHR10	8886509	CHR10:8886509	SSF x LoA	-11,036	0,026	0,293
CHR10	8889305	CHR10:8889305	SSF x LoA	-10,302	-0,039	0,290
CHR10	8889679	CHR10:8889679	SSF x LoA	-7,432	-0,109	0,274
CHR10	8889733	CHR10:8889733	SSF x LoA	-7,114	0,022	0,292
CHR10	8889734	CHR10:8889734	SSF x LoA	-8,674	0,047	0,281
CHR10	8889736	CHR10:8889736	SSF x LoA	-7,165	-0,142	0,277
CHR10	8898515	CHR10:8898515	SSF x LoA	-9,782	0,026	0,298
CHR10	8898580	CHR10:8898580	SSF x LoA	-9,349	0,017	0,291
CHR10	8898653	CHR10:8898653	SSF x LoA	-8,521	0,045	0,294
CHR10	8898688	CHR10:8898688	SSF x LoA	-10,635	-0,026	0,280
CHR10	8898724	CHR10:8898724	SSF x LoA	-10,886	-0,068	0,287
CHR10	8898789	CHR10:8898789	SSF x LoA	-7,399	0,074	0,278
CHR10	8898796	CHR10:8898796	SSF x LoA	-5,826	0,109	0,274
CHR10	8900655	CHR10:8900655	SSF x LoA	-9,423	0,063	0,289
CHR10	8900859	CHR10:8900859	SSF x LoA	-8,068	-0,038	0,291
CHR10	8900868	CHR10:8900868	SSF x LoA	-9,058	-0,031	0,299
CHR10	8901513	CHR10:8901513	SSF x LoA	-8,215	0,056	0,278
CHR10	8901669	CHR10:8901669	SSF x LoA	-7,617	-0,154	0,295
CHR10	8905377	CHR10:8905377	SSF x LoA	-8,514	0,073	0,290
CHR10	8908358	CHR10:8908358	SSF x LoA	-7,787	0,182	0,279
CHR10	8916277	CHR10:8916277	SSF x LoA	-5,490	-0,074	0,288
CHR10	8916322	CHR10:8916322	SSF x LoA	-10,512	-0,131	0,286
CHR10	8938811	CHR10:8938811	SSF x LoA	-11,413	-0,033	0,299
CHR10	8938910	CHR10:8938910	SSF x LoA	-8,134	0,060	0,291
CHR10	8957192	CHR10:8957192	SSF x LoA	-9,271	-0,010	0,289
CHR10	8957561	CHR10:8957561	SSF x LoA	2,926	0,180	0,286
CHR10	8970318	CHR10:8970318	SSF x LoA	-6,788	-0,179	0,292
CHR10	8970385	CHR10:8970385	SSF x LoA	-9,271	-0,039	0,273
CHR10	8970435	CHR10:8970435	SSF x LoA	-8,927	0,057	0,305
CHR10	8970497	CHR10:8970497	SSF x LoA	-9,555	0,042	0,306
CHR10	8970499	CHR10:8970499	SSF x LoA	-9,807	0,046	0,290
CHR10	8970510	CHR10:8970510	SSF x LoA	-7,331	0,009	0,304
CHR10	8970640	CHR10:8970640	SSF x LoA	-8,003	0,138	0,277

CHR10	898223	CHR10:898223	SSF x LoA	-5,912	-0,010	0,296
CHR10	8982278	CHR10:8982278	SSF x LoA	-8,641	-0,105	0,296
CHR10	8982403	CHR10:8982403	SSF x LoA	-7,589	-0,035	0,289
CHR10	8982409	CHR10:8982409	SSF x LoA	-10,080	0,010	0,290
CHR10	8982425	CHR10:8982425	SSF x LoA	-9,738	-0,014	0,289
CHR10	8984401	CHR10:8984401	SSF x LoA	-10,795	0,028	0,291
CHR10	8984576	CHR10:8984576	SSF x LoA	-8,004	-0,123	0,273
CHR10	8991630	CHR10:8991630	SSF x LoA	-8,207	0,001	0,304
CHR10	8991686	CHR10:8991686	SSF x LoA	-10,591	0,035	0,296
CHR10	8991751	CHR10:8991751	SSF x LoA	-11,089	-0,048	0,290
CHR10	8991773	CHR10:8991773	SSF x LoA	-8,765	0,062	0,289
CHR10	9000150	CHR10:9000150	SSF x LoA	-7,015	-0,155	0,284
CHR10	9023175	CHR10:9023175	SSF x LoA	-8,749	-0,022	0,287
CHR10	9023193	CHR10:9023193	SSF x LoA	-8,242	0,011	0,289
CHR10	9023218	CHR10:9023218	SSF x LoA	-9,039	-0,007	0,290
CHR10	9023269	CHR10:9023269	SSF x LoA	-9,046	-0,003	0,282
CHR10	9023294	CHR10:9023294	SSF x LoA	-9,167	0,080	0,285
CHR10	9023396	CHR10:9023396	SSF x LoA	-8,423	0,043	0,301
CHR10	9028073	CHR10:9028073	SSF x LoA	-9,939	-0,015	0,306
CHR10	9028077	CHR10:9028077	SSF x LoA	-8,309	-0,110	0,271
CHR10	9028183	CHR10:9028183	SSF x LoA	-9,122	-0,061	0,282
CHR10	9035705	CHR10:9035705	SSF x LoA	-7,910	-0,083	0,283
CHR10	9035849	CHR10:9035849	SSF x LoA	-6,750	0,066	0,302
CHR10	9035966	CHR10:9035966	SSF x LoA	-11,349	0,002	0,286
CHR10	903609	CHR10:903609	SSF x LoA	-5,668	-0,061	0,290
CHR10	903784	CHR10:903784	SSF x LoA	-7,528	-0,029	0,299
CHR10	9040718	CHR10:9040718	SSF x LoA	-7,634	-0,128	0,280
CHR10	9055794	CHR10:9055794	SSF x LoA	-11,129	-0,075	0,279
CHR10	9073645	CHR10:9073645	SSF x LoA	-7,195	-0,006	0,281
CHR10	9076314	CHR10:9076314	SSF x LoA	-8,875	0,041	0,285
CHR10	9076431	CHR10:9076431	SSF x LoA	-7,973	-0,062	0,288
CHR10	9076442	CHR10:9076442	SSF x LoA	-7,716	0,006	0,292
CHR10	9076479	CHR10:9076479	SSF x LoA	-7,517	-0,009	0,293
CHR10	9084162	CHR10:9084162	SSF x LoA	-9,836	-0,080	0,288
CHR10	9089966	CHR10:9089966	SSF x LoA	-8,865	-0,017	0,282
CHR10	9090001	CHR10:9090001	SSF x LoA	-10,460	-0,002	0,299
CHR10	9090002	CHR10:9090002	SSF x LoA	-10,552	0,016	0,290
CHR10	9090258	CHR10:9090258	SSF x LoA	-8,764	0,031	0,296
CHR10	9099657	CHR10:9099657	SSF x LoA	-9,196	-0,029	0,295
CHR10	9101766	CHR10:9101766	SSF x LoA	-3,195	0,175	0,287
CHR10	9110111	CHR10:9110111	SSF x LoA	-9,682	-0,033	0,292
CHR10	9110151	CHR10:9110151	SSF x LoA	-9,662	0,009	0,302
CHR10	9124292	CHR10:9124292	SSF x LoA	-10,724	-0,072	0,284
CHR10	9124642	CHR10:9124642	SSF x LoA	-9,446	-0,142	0,284
CHR10	9132102	CHR10:9132102	SSF x LoA	-9,845	-0,013	0,316
CHR10	9132135	CHR10:9132135	SSF x LoA	-8,591	0,024	0,299
CHR10	9134730	CHR10:9134730	SSF x LoA	-6,832	0,039	0,295
CHR10	9134778	CHR10:9134778	SSF x LoA	-11,121	0,036	0,298
CHR10	9135140	CHR10:9135140	SSF x LoA	-8,884	-0,078	0,281
CHR10	9141213	CHR10:9141213	SSF x LoA	-8,340	-0,184	0,275
CHR10	9143932	CHR10:9143932	SSF x LoA	-7,977	-0,080	0,300
CHR10	9144028	CHR10:9144028	SSF x LoA	-10,565	-0,050	0,292
CHR10	9144272	CHR10:9144272	SSF x LoA	-4,478	0,003	0,295

CHR10	9144273	CHR10:9144273	SSF x LoA	-8,395	0,034	0,293
CHR10	9144326	CHR10:9144326	SSF x LoA	-6,795	0,023	0,295
CHR10	9147685	CHR10:9147685	SSF x LoA	-8,947	0,072	0,292
CHR10	9147783	CHR10:9147783	SSF x LoA	-7,048	-0,114	0,280
CHR10	9147786	CHR10:9147786	SSF x LoA	-5,570	-0,161	0,291
CHR10	9147816	CHR10:9147816	SSF x LoA	-8,061	0,119	0,280
CHR10	9151151	CHR10:9151151	SSF x LoA	-7,664	-0,093	0,295
CHR10	9151260	CHR10:9151260	SSF x LoA	-7,297	0,067	0,298
CHR10	9151320	CHR10:9151320	SSF x LoA	-8,011	-0,038	0,290
CHR10	915229	CHR10:915229	SSF x LoA	-5,601	0,040	0,288
CHR10	915270	CHR10:915270	SSF x LoA	-7,699	0,097	0,279
CHR10	915281	CHR10:915281	SSF x LoA	-9,413	0,077	0,297
CHR10	915295	CHR10:915295	SSF x LoA	-6,521	0,079	0,296
CHR10	9160035	CHR10:9160035	SSF x LoA	-7,090	-0,083	0,303
CHR10	9166892	CHR10:9166892	SSF x LoA	-7,932	-0,001	0,289
CHR10	9167013	CHR10:9167013	SSF x LoA	-10,008	-0,003	0,290
CHR10	9168975	CHR10:9168975	SSF x LoA	-7,397	0,038	0,297
CHR10	9169038	CHR10:9169038	SSF x LoA	-10,642	-0,087	0,286
CHR10	9169191	CHR10:9169191	SSF x LoA	-10,631	0,052	0,294
CHR10	9169236	CHR10:9169236	SSF x LoA	-9,539	0,059	0,290
CHR10	9195512	CHR10:9195512	SSF x LoA	-8,880	-0,110	0,295
CHR10	9195514	CHR10:9195514	SSF x LoA	-8,211	-0,074	0,290
CHR10	9195547	CHR10:9195547	SSF x LoA	-10,151	-0,123	0,281
CHR10	9195558	CHR10:9195558	SSF x LoA	-9,863	-0,107	0,295
CHR10	9195723	CHR10:9195723	SSF x LoA	-4,402	-0,009	0,304
CHR10	9207906	CHR10:9207906	SSF x LoA	-7,335	0,109	0,284
CHR10	9217441	CHR10:9217441	SSF x LoA	-6,375	-0,070	0,281
CHR10	9217442	CHR10:9217442	SSF x LoA	-10,001	-0,062	0,277
CHR10	9217628	CHR10:9217628	SSF x LoA	-9,330	-0,057	0,300
CHR10	9224688	CHR10:9224688	SSF x LoA	-11,076	0,040	0,274
CHR10	9241055	CHR10:9241055	SSF x LoA	-10,514	0,017	0,296
CHR10	9241076	CHR10:9241076	SSF x LoA	-10,441	0,046	0,282
CHR10	9241274	CHR10:9241274	SSF x LoA	-6,431	0,111	0,276
CHR10	9241364	CHR10:9241364	SSF x LoA	-10,751	0,014	0,299
CHR10	9241449	CHR10:9241449	SSF x LoA	-7,552	-0,077	0,275
CHR10	9249671	CHR10:9249671	SSF x LoA	-10,046	-0,071	0,271
CHR10	9249708	CHR10:9249708	SSF x LoA	-9,030	-0,037	0,284
CHR10	9249882	CHR10:9249882	SSF x LoA	-7,177	-0,103	0,296
CHR10	9249969	CHR10:9249969	SSF x LoA	-6,272	-0,119	0,271
CHR10	9262073	CHR10:9262073	SSF x LoA	-9,274	0,000	0,282
CHR10	9262116	CHR10:9262116	SSF x LoA	-8,400	-0,013	0,288
CHR10	9262143	CHR10:9262143	SSF x LoA	-7,284	0,167	0,287
CHR10	9262177	CHR10:9262177	SSF x LoA	-9,432	-0,092	0,277
CHR10	9262241	CHR10:9262241	SSF x LoA	-9,015	0,142	0,269
CHR10	9262251	CHR10:9262251	SSF x LoA	-8,658	-0,111	0,282
CHR10	9268010	CHR10:9268010	SSF x LoA	-8,582	0,034	0,294
CHR10	9278102	CHR10:9278102	SSF x LoA	-8,127	-0,053	0,295
CHR10	9285953	CHR10:9285953	SSF x LoA	-3,556	0,043	0,295
CHR10	9292462	CHR10:9292462	SSF x LoA	-4,877	-0,162	0,273
CHR10	9292587	CHR10:9292587	SSF x LoA	-9,351	-0,018	0,297
CHR10	9292660	CHR10:9292660	SSF x LoA	-10,537	0,043	0,291
CHR10	9292688	CHR10:9292688	SSF x LoA	-10,571	0,006	0,292
CHR10	9292713	CHR10:9292713	SSF x LoA	-7,630	0,000	0,312

CHR10	9292728	CHR10:9292728	SSF x LoA	-8,449	0,108	0,292
CHR10	9300886	CHR10:9300886	SSF x LoA	-11,309	-0,058	0,280
CHR10	9300889	CHR10:9300889	SSF x LoA	-11,001	0,026	0,290
CHR10	9300900	CHR10:9300900	SSF x LoA	-11,473	0,028	0,276
CHR10	9300937	CHR10:9300937	SSF x LoA	-7,878	0,010	0,308
CHR10	9301239	CHR10:9301239	SSF x LoA	-8,069	-0,047	0,282
CHR10	9319866	CHR10:9319866	SSF x LoA	-9,235	0,000	0,287
CHR10	9319872	CHR10:9319872	SSF x LoA	-5,963	0,059	0,286
CHR10	9320001	CHR10:9320001	SSF x LoA	-9,880	-0,070	0,290
CHR10	9320006	CHR10:9320006	SSF x LoA	-9,141	0,033	0,293
CHR10	9320059	CHR10:9320059	SSF x LoA	1,681	-0,147	0,268
CHR10	9324934	CHR10:9324934	SSF x LoA	-7,447	0,023	0,295
CHR10	9327304	CHR10:9327304	SSF x LoA	-7,586	0,149	0,277
CHR10	9332865	CHR10:9332865	SSF x LoA	-8,441	0,122	0,274
CHR10	9333035	CHR10:9333035	SSF x LoA	-7,662	0,001	0,294
CHR10	9334037	CHR10:9334037	SSF x LoA	-10,913	-0,018	0,281
CHR10	9334136	CHR10:9334136	SSF x LoA	-9,525	0,131	0,298
CHR10	9334282	CHR10:9334282	SSF x LoA	-6,533	-0,110	0,284
CHR10	9345633	CHR10:9345633	SSF x LoA	-9,922	0,027	0,290
CHR10	9357530	CHR10:9357530	SSF x LoA	-10,527	-0,054	0,294
CHR10	9357626	CHR10:9357626	SSF x LoA	-10,687	0,043	0,290
CHR10	9357653	CHR10:9357653	SSF x LoA	-9,727	0,078	0,302
CHR10	9357786	CHR10:9357786	SSF x LoA	-9,796	0,070	0,300
CHR10	9359176	CHR10:9359176	SSF x LoA	-7,100	-0,156	0,285
CHR10	9359199	CHR10:9359199	SSF x LoA	-2,018	-0,146	0,287
CHR10	9364766	CHR10:9364766	SSF x LoA	-7,204	0,035	0,285
CHR10	9364794	CHR10:9364794	SSF x LoA	-5,636	-0,139	0,291
CHR10	937244	CHR10:937244	SSF x LoA	-6,678	0,043	0,289
CHR10	937285	CHR10:937285	SSF x LoA	-2,419	-0,165	0,284
CHR10	937297	CHR10:937297	SSF x LoA	-7,617	0,056	0,293
CHR10	9384183	CHR10:9384183	SSF x LoA	-9,990	0,005	0,298
CHR10	9384355	CHR10:9384355	SSF x LoA	-10,890	0,048	0,293
CHR10	9384460	CHR10:9384460	SSF x LoA	-1,213	0,189	0,280
CHR10	9384464	CHR10:9384464	SSF x LoA	-6,562	-0,082	0,292
CHR10	9384470	CHR10:9384470	SSF x LoA	-8,025	-0,038	0,283
CHR10	9391028	CHR10:9391028	SSF x LoA	-7,463	0,052	0,290
CHR10	9394604	CHR10:9394604	SSF x LoA	-8,250	0,029	0,296
CHR10	9394763	CHR10:9394763	SSF x LoA	-10,100	-0,013	0,290
CHR10	9394780	CHR10:9394780	SSF x LoA	-7,130	-0,145	0,262
CHR10	9399158	CHR10:9399158	SSF x LoA	-4,257	-0,193	0,282
CHR10	9400006	CHR10:9400006	SSF x LoA	-7,518	-0,058	0,289
CHR10	9437307	CHR10:9437307	SSF x LoA	-8,343	-0,005	0,296
CHR10	9437387	CHR10:9437387	SSF x LoA	-6,943	0,161	0,290
CHR10	9437507	CHR10:9437507	SSF x LoA	-9,498	-0,088	0,294
CHR10	9437558	CHR10:9437558	SSF x LoA	-7,149	-0,089	0,291
CHR10	9446163	CHR10:9446163	SSF x LoA	-8,438	-0,001	0,280
CHR10	945763	CHR10:945763	SSF x LoA	-8,401	-0,180	0,287
CHR10	9457853	CHR10:9457853	SSF x LoA	-8,036	0,028	0,293
CHR10	9475839	CHR10:9475839	SSF x LoA	-7,406	-0,155	0,287
CHR10	9475841	CHR10:9475841	SSF x LoA	-4,707	-0,132	0,294
CHR10	9475880	CHR10:9475880	SSF x LoA	-8,158	0,081	0,285
CHR10	9475891	CHR10:9475891	SSF x LoA	-10,037	0,035	0,298
CHR10	9475893	CHR10:9475893	SSF x LoA	-8,405	0,047	0,292

CHR10	9475902	CHR10:9475902	SSF x LoA	-8,419	0,093	0,279
CHR10	9475934	CHR10:9475934	SSF x LoA	-8,248	-0,021	0,282
CHR10	9475940	CHR10:9475940	SSF x LoA	-0,590	-0,015	0,283
CHR10	9475959	CHR10:9475959	SSF x LoA	-8,816	-0,002	0,285
CHR10	9475982	CHR10:9475982	SSF x LoA	-10,005	-0,075	0,287
CHR10	9481324	CHR10:9481324	SSF x LoA	-10,833	0,056	0,295
CHR10	9481441	CHR10:9481441	SSF x LoA	-3,112	0,077	0,293
CHR10	9481467	CHR10:9481467	SSF x LoA	-8,168	-0,020	0,288
CHR10	9481470	CHR10:9481470	SSF x LoA	-10,666	-0,086	0,294
CHR10	9486746	CHR10:9486746	SSF x LoA	-9,490	-0,006	0,293
CHR10	9486804	CHR10:9486804	SSF x LoA	-9,139	0,017	0,282
CHR10	9486851	CHR10:9486851	SSF x LoA	-9,360	0,088	0,284
CHR10	9486917	CHR10:9486917	SSF x LoA	-8,735	-0,053	0,281
CHR10	9486963	CHR10:9486963	SSF x LoA	-8,954	-0,022	0,296
CHR10	9489632	CHR10:9489632	SSF x LoA	-4,913	0,047	0,284
CHR10	9489738	CHR10:9489738	SSF x LoA	-9,564	0,029	0,298
CHR10	9494871	CHR10:9494871	SSF x LoA	-9,673	-0,006	0,289
CHR10	9494886	CHR10:9494886	SSF x LoA	-9,942	0,014	0,307
CHR10	9494887	CHR10:9494887	SSF x LoA	-10,948	-0,005	0,292
CHR10	9497067	CHR10:9497067	SSF x LoA	-9,396	-0,069	0,291
CHR10	9526842	CHR10:9526842	SSF x LoA	-7,499	-0,049	0,294
CHR10	9551864	CHR10:9551864	SSF x LoA	-10,159	0,066	0,278
CHR10	9564856	CHR10:9564856	SSF x LoA	-6,419	-0,089	0,290
CHR10	9564907	CHR10:9564907	SSF x LoA	-6,393	0,143	0,301
CHR10	9564910	CHR10:9564910	SSF x LoA	-6,954	0,090	0,295
CHR10	9564911	CHR10:9564911	SSF x LoA	-7,924	0,115	0,288
CHR10	9564920	CHR10:9564920	SSF x LoA	-9,779	0,112	0,273
CHR10	9564973	CHR10:9564973	SSF x LoA	-7,050	0,125	0,283
CHR10	9565086	CHR10:9565086	SSF x LoA	-8,699	-0,056	0,285
CHR10	9575049	CHR10:9575049	SSF x LoA	-9,134	-0,055	0,286
CHR10	9575108	CHR10:9575108	SSF x LoA	-7,596	0,045	0,296
CHR10	9575111	CHR10:9575111	SSF x LoA	-11,154	-0,040	0,269
CHR10	9575123	CHR10:9575123	SSF x LoA	-10,437	-0,019	0,290
CHR10	9575129	CHR10:9575129	SSF x LoA	-9,389	0,002	0,279
CHR10	9600114	CHR10:9600114	SSF x LoA	-7,203	0,077	0,293
CHR10	9600376	CHR10:9600376	SSF x LoA	-9,977	-0,058	0,290
CHR10	9603335	CHR10:9603335	SSF x LoA	-7,308	0,015	0,297
CHR10	9603340	CHR10:9603340	SSF x LoA	-8,103	0,027	0,294
CHR10	9603703	CHR10:9603703	SSF x LoA	-9,695	0,072	0,282
CHR10	9608394	CHR10:9608394	SSF x LoA	-6,545	-0,027	0,296
CHR10	9608447	CHR10:9608447	SSF x LoA	-10,785	-0,045	0,290
CHR10	9608452	CHR10:9608452	SSF x LoA	-7,859	-0,049	0,289
CHR10	9608535	CHR10:9608535	SSF x LoA	-8,550	-0,010	0,303
CHR10	9608632	CHR10:9608632	SSF x LoA	-8,064	0,056	0,286
CHR10	9608636	CHR10:9608636	SSF x LoA	-9,390	-0,178	0,280
CHR10	9608642	CHR10:9608642	SSF x LoA	-6,747	-0,118	0,294
CHR10	9611965	CHR10:9611965	SSF x LoA	-9,409	-0,079	0,293
CHR10	9611979	CHR10:9611979	SSF x LoA	-8,702	-0,041	0,296
CHR10	9612111	CHR10:9612111	SSF x LoA	-8,821	0,066	0,281
CHR10	9617554	CHR10:9617554	SSF x LoA	-10,246	0,029	0,303
CHR10	9617565	CHR10:9617565	SSF x LoA	-7,223	0,061	0,276
CHR10	9639245	CHR10:9639245	SSF x LoA	-7,093	-0,182	0,287
CHR10	9639272	CHR10:9639272	SSF x LoA	-10,461	-0,164	0,269

CHR10	9639273	CHR10:9639273	SSF x LoA	-5,752	-0,184	0,276
CHR10	9639422	CHR10:9639422	SSF x LoA	-5,521	0,157	0,297
CHR10	9658138	CHR10:9658138	SSF x LoA	-9,917	0,095	0,286
CHR10	9680476	CHR10:9680476	SSF x LoA	-10,429	-0,037	0,290
CHR10	9685866	CHR10:9685866	SSF x LoA	-5,138	0,140	0,271
CHR10	972856	CHR10:972856	SSF x LoA	-9,021	-0,112	0,277
CHR10	972936	CHR10:972936	SSF x LoA	-10,730	0,026	0,282
CHR10	9759120	CHR10:9759120	SSF x LoA	-5,827	-0,082	0,285
CHR10	9761622	CHR10:9761622	SSF x LoA	-9,130	0,059	0,289
CHR10	9761698	CHR10:9761698	SSF x LoA	-7,395	-0,063	0,296
CHR10	976271	CHR10:976271	SSF x LoA	-10,357	-0,085	0,285
CHR10	976405	CHR10:976405	SSF x LoA	-8,937	-0,025	0,294
CHR10	9778647	CHR10:9778647	SSF x LoA	-10,455	0,055	0,308
CHR10	9781265	CHR10:9781265	SSF x LoA	-10,109	-0,041	0,286
CHR10	9781331	CHR10:9781331	SSF x LoA	-9,920	-0,060	0,295
CHR10	9786763	CHR10:9786763	SSF x LoA	-8,564	-0,093	0,292
CHR10	9789845	CHR10:9789845	SSF x LoA	-8,070	-0,001	0,282
CHR10	9789848	CHR10:9789848	SSF x LoA	-9,973	-0,047	0,289
CHR10	9791278	CHR10:9791278	SSF x LoA	-10,329	-0,055	0,301
CHR10	9808858	CHR10:9808858	SSF x LoA	-7,941	0,058	0,287
CHR10	9809180	CHR10:9809180	SSF x LoA	-10,858	-0,019	0,291
CHR10	9820779	CHR10:9820779	SSF x LoA	-9,294	-0,043	0,282
CHR10	9821008	CHR10:9821008	SSF x LoA	-5,682	-0,004	0,289
CHR10	9821078	CHR10:9821078	SSF x LoA	-7,949	0,193	0,278
CHR10	9821133	CHR10:9821133	SSF x LoA	-8,666	0,117	0,305
CHR10	9823539	CHR10:9823539	SSF x LoA	-9,147	-0,047	0,261
CHR10	9823608	CHR10:9823608	SSF x LoA	-8,999	-0,027	0,288
CHR10	9823623	CHR10:9823623	SSF x LoA	-11,088	0,044	0,286
CHR10	9825057	CHR10:9825057	SSF x LoA	-10,616	-0,087	0,281
CHR10	9825074	CHR10:9825074	SSF x LoA	-7,824	0,100	0,294
CHR10	9825179	CHR10:9825179	SSF x LoA	-8,790	0,004	0,287
CHR10	9825216	CHR10:9825216	SSF x LoA	-7,588	0,068	0,297
CHR10	9825258	CHR10:9825258	SSF x LoA	-8,069	0,107	0,292
CHR10	9827610	CHR10:9827610	SSF x LoA	-9,911	0,063	0,289
CHR10	984078	CHR10:984078	SSF x LoA	-8,514	-0,028	0,287
CHR10	984183	CHR10:984183	SSF x LoA	-2,933	-0,147	0,291
CHR10	984304	CHR10:984304	SSF x LoA	-7,663	0,045	0,304
CHR10	984342	CHR10:984342	SSF x LoA	-9,267	-0,005	0,283
CHR10	984370	CHR10:984370	SSF x LoA	-10,764	-0,115	0,291
CHR10	984413	CHR10:984413	SSF x LoA	-5,003	0,029	0,292
CHR10	9880996	CHR10:9880996	SSF x LoA	-8,981	0,114	0,279
CHR10	9881012	CHR10:9881012	SSF x LoA	-11,427	0,055	0,280
CHR10	9881035	CHR10:9881035	SSF x LoA	-8,704	0,002	0,293
CHR10	9881043	CHR10:9881043	SSF x LoA	-9,028	-0,007	0,292
CHR10	9881104	CHR10:9881104	SSF x LoA	-8,456	-0,021	0,281
CHR10	9881105	CHR10:9881105	SSF x LoA	-8,874	0,086	0,281
CHR10	9881123	CHR10:9881123	SSF x LoA	-7,305	0,096	0,273
CHR10	9881178	CHR10:9881178	SSF x LoA	-8,032	-0,035	0,293
CHR10	9881229	CHR10:9881229	SSF x LoA	-8,564	0,036	0,295
CHR10	9881268	CHR10:9881268	SSF x LoA	-8,647	0,115	0,297
CHR10	9881283	CHR10:9881283	SSF x LoA	-6,318	0,118	0,288
CHR10	9902460	CHR10:9902460	SSF x LoA	-7,626	0,138	0,291
CHR10	9902513	CHR10:9902513	SSF x LoA	-9,737	-0,050	0,301

CHR10	9902559	CHR10:9902559	SSF x LoA	-10,244	0,014	0,290
CHR10	9902608	CHR10:9902608	SSF x LoA	-10,540	0,088	0,275
CHR10	9914388	CHR10:9914388	SSF x LoA	-8,952	0,091	0,307
CHR10	9922318	CHR10:9922318	SSF x LoA	-6,864	-0,003	0,295
CHR10	9924911	CHR10:9924911	SSF x LoA	-8,878	-0,028	0,289
CHR10	9924980	CHR10:9924980	SSF x LoA	-9,027	-0,050	0,285
CHR10	9925111	CHR10:9925111	SSF x LoA	-6,303	0,011	0,280
CHR10	9938983	CHR10:9938983	SSF x LoA	-6,619	0,096	0,288
CHR10	9938984	CHR10:9938984	SSF x LoA	-9,004	-0,084	0,292
CHR10	9940431	CHR10:9940431	SSF x LoA	-9,179	0,051	0,285
CHR10	9940563	CHR10:9940563	SSF x LoA	-9,075	0,019	0,302
CHR10	9942667	CHR10:9942667	SSF x LoA	-7,570	0,006	0,278
CHR10	9965594	CHR10:9965594	SSF x LoA	-7,486	0,110	0,288
CHR10	9965601	CHR10:9965601	SSF x LoA	-9,824	-0,112	0,277
CHR10	9965617	CHR10:9965617	SSF x LoA	-9,488	0,029	0,298
CHR10	9965748	CHR10:9965748	SSF x LoA	-0,961	-0,091	0,288
CHR10	9970445	CHR10:9970445	SSF x LoA	-7,990	0,056	0,302
CHR10	9970463	CHR10:9970463	SSF x LoA	-4,348	0,064	0,297
CHR10	9970529	CHR10:9970529	SSF x LoA	-6,457	0,060	0,281
CHR10	9970549	CHR10:9970549	SSF x LoA	-10,441	-0,010	0,285
CHR10	9980077	CHR10:9980077	SSF x LoA	-5,616	0,116	0,284
CHR10	9983919	CHR10:9983919	SSF x LoA	-10,874	0,025	0,282
CHR10	9984105	CHR10:9984105	SSF x LoA	-10,247	0,057	0,281
CHR10	9984125	CHR10:9984125	SSF x LoA	-8,845	-0,057	0,294
CHR10	9984162	CHR10:9984162	SSF x LoA	-9,734	-0,021	0,295
CHR10	9984166	CHR10:9984166	SSF x LoA	-10,601	0,022	0,283
CHR10	9984192	CHR10:9984192	SSF x LoA	-7,167	0,103	0,282
CHR10	9984222	CHR10:9984222	SSF x LoA	-8,903	-0,057	0,276
CHR10	9984238	CHR10:9984238	SSF x LoA	-9,542	0,002	0,290
CHR10	9987042	CHR10:9987042	SSF x LoA	-9,315	0,005	0,290
CHR11	1E+07	CHR11:1000459[illegible]	SSF x LoA	-8,193	0,041	0,298
CHR11	1E+07	CHR11:1000915[illegible]	SSF x LoA	0,874	-0,182	0,286
CHR11	1E+07	CHR11:1001120[illegible]	SSF x LoA	-4,247	-0,208	0,269
CHR11	1E+07	CHR11:1002357[illegible]	SSF x LoA	-9,065	0,016	0,296
CHR11	1E+07	CHR11:1003517[illegible]	SSF x LoA	-10,011	-0,033	0,294
CHR11	1E+07	CHR11:1003529[illegible]	SSF x LoA	-8,438	-0,093	0,280
CHR11	1E+07	CHR11:1003587[illegible]	SSF x LoA	-10,460	0,014	0,290
CHR11	1E+07	CHR11:1004526[illegible]	SSF x LoA	-9,731	-0,007	0,294
CHR11	1E+07	CHR11:1004540[illegible]	SSF x LoA	-9,674	-0,050	0,288
CHR11	1E+07	CHR11:1004690[illegible]	SSF x LoA	-10,260	-0,075	0,289
CHR11	1E+07	CHR11:1005775[illegible]	SSF x LoA	-8,525	0,021	0,292
CHR11	1E+07	CHR11:1005888[illegible]	SSF x LoA	-8,591	-0,091	0,285
CHR11	1E+07	CHR11:1005893[illegible]	SSF x LoA	-5,823	0,142	0,287
CHR11	1E+07	CHR11:1005895[illegible]	SSF x LoA	-9,082	-0,073	0,297
CHR11	1E+07	CHR11:1005896[illegible]	SSF x LoA	-8,112	0,056	0,297
CHR11	1E+07	CHR11:1005902[illegible]	SSF x LoA	-10,481	0,054	0,282
CHR11	1E+07	CHR11:1005905[illegible]	SSF x LoA	-10,769	0,004	0,287
CHR11	1E+07	CHR11:1005919[illegible]	SSF x LoA	-9,882	0,044	0,301
CHR11	1E+07	CHR11:1005922[illegible]	SSF x LoA	-9,099	-0,086	0,294
CHR11	1E+07	CHR11:1007956[illegible]	SSF x LoA	-4,109	0,038	0,297
CHR11	1E+07	CHR11:1007957[illegible]	SSF x LoA	-8,477	0,070	0,300
CHR11	1E+07	CHR11:1007957[illegible]	SSF x LoA	-8,296	-0,097	0,284
CHR11	1E+07	CHR11:1007960[illegible]	SSF x LoA	-5,736	0,076	0,290

CHR11	1E+07	CHR11:1007963C	SSF x LoA	-7,660	-0,110	0,307
CHR11	1E+07	CHR11:1008306G	SSF x LoA	-6,476	-0,054	0,306
CHR11	1E+07	CHR11:1008310Z	SSF x LoA	-9,707	0,006	0,300
CHR11	1E+07	CHR11:1008317T	SSF x LoA	-9,005	-0,014	0,298
CHR11	1E+07	CHR11:1008319G	SSF x LoA	-7,587	0,040	0,280
CHR11	1009328	CHR11:1009328	SSF x LoA	0,673	-0,313	0,250
CHR11	1009337	CHR11:1009337	SSF x LoA	-8,575	0,004	0,285
CHR11	1009339	CHR11:1009339	SSF x LoA	-5,469	0,156	0,292
CHR11	1009360	CHR11:1009360	SSF x LoA	-6,494	0,114	0,271
CHR11	1009424	CHR11:1009424	SSF x LoA	-8,342	-0,058	0,281
CHR11	1E+07	CHR11:1009497G	SSF x LoA	-10,120	0,019	0,282
CHR11	1010415	CHR11:1010415	SSF x LoA	-9,457	-0,060	0,290
CHR11	1E+07	CHR11:1011379C	SSF x LoA	-4,434	0,150	0,291
CHR11	1E+07	CHR11:1011387Z	SSF x LoA	-9,989	0,015	0,287
CHR11	1012054	CHR11:1012054	SSF x LoA	-8,793	-0,044	0,279
CHR11	1012070	CHR11:1012070	SSF x LoA	-9,621	-0,071	0,293
CHR11	1012086	CHR11:1012086	SSF x LoA	-9,022	-0,030	0,294
CHR11	1E+07	CHR11:1012240C	SSF x LoA	-5,379	-0,213	0,296
CHR11	1E+07	CHR11:1012242G	SSF x LoA	-6,688	-0,104	0,285
CHR11	1E+07	CHR11:1012243G	SSF x LoA	-7,684	-0,070	0,300
CHR11	1E+07	CHR11:1012243G	SSF x LoA	-9,411	-0,010	0,277
CHR11	1E+07	CHR11:1012244T	SSF x LoA	2,223	-0,059	0,278
CHR11	1E+07	CHR11:1012245T	SSF x LoA	-9,045	-0,037	0,281
CHR11	1E+07	CHR11:1012245G	SSF x LoA	-10,260	-0,062	0,278
CHR11	1E+07	CHR11:1012246C	SSF x LoA	-9,359	-0,079	0,288
CHR11	1E+07	CHR11:1012246G	SSF x LoA	-7,922	-0,053	0,275
CHR11	1E+07	CHR11:1012257Z	SSF x LoA	-8,390	0,062	0,293
CHR11	1E+07	CHR11:1013008T	SSF x LoA	-5,150	0,185	0,292
CHR11	1E+07	CHR11:1014138G	SSF x LoA	-8,305	0,127	0,293
CHR11	1E+07	CHR11:1015241C	SSF x LoA	-10,321	0,010	0,300
CHR11	1E+07	CHR11:1015249G	SSF x LoA	-8,278	0,025	0,300
CHR11	1E+07	CHR11:1015261T	SSF x LoA	-9,210	0,081	0,285
CHR11	1E+07	CHR11:1015266Z	SSF x LoA	-8,174	0,075	0,309
CHR11	1E+07	CHR11:1015666Z	SSF x LoA	-7,604	-0,100	0,286
CHR11	1E+07	CHR11:1015666G	SSF x LoA	-8,417	0,074	0,287
CHR11	1E+07	CHR11:1016319C	SSF x LoA	-6,403	-0,106	0,294
CHR11	1E+07	CHR11:1016323G	SSF x LoA	-9,223	-0,041	0,282
CHR11	1E+07	CHR11:1016331T	SSF x LoA	-8,794	-0,122	0,284
CHR11	1E+07	CHR11:1016333G	SSF x LoA	-8,786	-0,135	0,279
CHR11	1E+07	CHR11:1016335G	SSF x LoA	-6,510	-0,129	0,294
CHR11	1E+07	CHR11:1016587T	SSF x LoA	-6,022	-0,163	0,286
CHR11	1E+07	CHR11:1016587G	SSF x LoA	-6,370	-0,166	0,295
CHR11	1E+07	CHR11:1016605G	SSF x LoA	-8,203	0,023	0,290
CHR11	1E+07	CHR11:1017692G	SSF x LoA	-9,956	-0,069	0,277
CHR11	1E+07	CHR11:1017695C	SSF x LoA	-2,352	0,127	0,283
CHR11	1E+07	CHR11:1017697T	SSF x LoA	-9,491	-0,008	0,290
CHR11	1E+07	CHR11:1017704Z	SSF x LoA	-8,144	0,104	0,291
CHR11	1E+07	CHR11:1019213T	SSF x LoA	-11,763	0,039	0,286
CHR11	1E+07	CHR11:1019863G	SSF x LoA	-7,786	-0,115	0,293
CHR11	1E+07	CHR11:1020832T	SSF x LoA	-8,814	0,005	0,293
CHR11	1E+07	CHR11:1020834C	SSF x LoA	-8,358	-0,035	0,290
CHR11	1E+07	CHR11:1022038G	SSF x LoA	-7,723	-0,113	0,296
CHR11	1E+07	CHR11:1022472C	SSF x LoA	-4,722	-0,216	0,272

CHR11	1023491	CHR11:1023491	SSF x LoA	-6,868	0,136	0,288
CHR11	1E+07	CHR11:10251825	SSF x LoA	-10,102	-0,042	0,279
CHR11	1E+07	CHR11:10251869	SSF x LoA	-8,702	-0,058	0,290
CHR11	1E+07	CHR11:10253292	SSF x LoA	-8,635	0,107	0,286
CHR11	1E+07	CHR11:10255041	SSF x LoA	-8,074	0,018	0,290
CHR11	1E+07	CHR11:10255069	SSF x LoA	-7,785	0,008	0,288
CHR11	1E+07	CHR11:10260646	SSF x LoA	-5,717	0,013	0,296
CHR11	1E+07	CHR11:10260735	SSF x LoA	-7,818	0,047	0,293
CHR11	1E+07	CHR11:10260778	SSF x LoA	-9,743	-0,003	0,289
CHR11	1E+07	CHR11:10260790	SSF x LoA	-8,444	0,098	0,308
CHR11	1027095	CHR11:1027095	SSF x LoA	-7,703	-0,087	0,287
CHR11	1027138	CHR11:1027138	SSF x LoA	-8,572	-0,157	0,287
CHR11	1027284	CHR11:1027284	SSF x LoA	-4,944	0,187	0,281
CHR11	1E+07	CHR11:10273215	SSF x LoA	-8,032	0,120	0,290
CHR11	1E+07	CHR11:10273233	SSF x LoA	-8,603	0,060	0,306
CHR11	1E+07	CHR11:10273276	SSF x LoA	-9,072	0,092	0,293
CHR11	1027402	CHR11:1027402	SSF x LoA	-11,036	-0,032	0,281
CHR11	1027418	CHR11:1027418	SSF x LoA	-9,236	-0,099	0,286
CHR11	1E+07	CHR11:10286008	SSF x LoA	-11,347	-0,080	0,288
CHR11	1E+07	CHR11:10286405	SSF x LoA	-9,882	-0,063	0,287
CHR11	1E+07	CHR11:10303479	SSF x LoA	-10,640	-0,064	0,299
CHR11	1E+07	CHR11:10303604	SSF x LoA	-8,160	-0,024	0,294
CHR11	1E+07	CHR11:10303611	SSF x LoA	-9,409	-0,166	0,283
CHR11	1E+07	CHR11:10376934	SSF x LoA	-7,867	-0,074	0,287
CHR11	1E+07	CHR11:10391910	SSF x LoA	-7,958	-0,112	0,274
CHR11	1E+07	CHR11:10411981	SSF x LoA	-7,420	0,038	0,300
CHR11	1E+07	CHR11:10422939	SSF x LoA	-6,372	-0,063	0,301
CHR11	1E+07	CHR11:10422940	SSF x LoA	-9,944	-0,046	0,290
CHR11	1043264	CHR11:1043264	SSF x LoA	-6,544	0,001	0,298
CHR11	1043447	CHR11:1043447	SSF x LoA	-10,291	0,065	0,297
CHR11	1043481	CHR11:1043481	SSF x LoA	-2,395	0,190	0,280
CHR11	1E+07	CHR11:10437129	SSF x LoA	-10,044	-0,023	0,285
CHR11	1E+07	CHR11:10437210	SSF x LoA	-8,771	-0,051	0,300
CHR11	1E+07	CHR11:10467230	SSF x LoA	-9,867	-0,004	0,290
CHR11	1E+07	CHR11:10467238	SSF x LoA	-6,837	0,108	0,302
CHR11	1E+07	CHR11:10467270	SSF x LoA	-8,357	0,039	0,291
CHR11	1E+07	CHR11:10467398	SSF x LoA	-8,676	-0,007	0,287
CHR11	1E+07	CHR11:10471868	SSF x LoA	-10,056	-0,044	0,290
CHR11	1E+07	CHR11:10474872	SSF x LoA	-8,186	-0,051	0,297
CHR11	1E+07	CHR11:10491059	SSF x LoA	-7,774	-0,120	0,273
CHR11	1E+07	CHR11:10491169	SSF x LoA	-8,271	-0,045	0,288
CHR11	10523699	CHR11:10523699	SSF x LoA	-8,426	-0,003	0,274
CHR11	10523826	CHR11:10523826	SSF x LoA	-8,123	-0,080	0,301
CHR11	10523831	CHR11:10523831	SSF x LoA	-11,149	-0,005	0,291
CHR11	10523850	CHR11:10523850	SSF x LoA	-8,154	-0,058	0,287
CHR11	10523853	CHR11:10523853	SSF x LoA	-8,049	0,028	0,266
CHR11	10523990	CHR11:10523990	SSF x LoA	-7,927	0,157	0,292
CHR11	10533815	CHR11:10533815	SSF x LoA	-10,672	0,111	0,284
CHR11	10533915	CHR11:10533915	SSF x LoA	-9,058	-0,036	0,288
CHR11	10551482	CHR11:10551482	SSF x LoA	-9,903	0,043	0,266
CHR11	10552111	CHR11:10552111	SSF x LoA	-10,592	-0,064	0,278
CHR11	10552112	CHR11:10552112	SSF x LoA	-10,395	0,003	0,286
CHR11	1058470	CHR11:1058470	SSF x LoA	-7,236	0,135	0,288

CHR11	1058526	CHR11:1058526	SSF x LoA	-7,865	-0,117	0,293
CHR11	1058551	CHR11:1058551	SSF x LoA	-5,457	-0,143	0,297
CHR11	1058635	CHR11:1058635	SSF x LoA	-7,979	0,144	0,287
CHR11	1058680	CHR11:1058680	SSF x LoA	-10,058	0,065	0,291
CHR11	1058719	CHR11:1058719	SSF x LoA	-8,029	-0,016	0,286
CHR11	1059847	CHR11:1059847	SSF x LoA	-8,333	-0,070	0,289
CHR11	10601733	CHR11:10601733	SSF x LoA	-7,685	0,024	0,285
CHR11	10611640	CHR11:10611640	SSF x LoA	-8,911	-0,022	0,294
CHR11	10611713	CHR11:10611713	SSF x LoA	-9,916	-0,033	0,274
CHR11	10611899	CHR11:10611899	SSF x LoA	-7,821	0,008	0,296
CHR11	10622402	CHR11:10622402	SSF x LoA	-10,382	-0,085	0,294
CHR11	10622538	CHR11:10622538	SSF x LoA	-9,548	-0,001	0,296
CHR11	10622649	CHR11:10622649	SSF x LoA	-11,238	0,096	0,272
CHR11	10643382	CHR11:10643382	SSF x LoA	-9,087	0,098	0,286
CHR11	10643449	CHR11:10643449	SSF x LoA	-7,898	0,021	0,306
CHR11	10643450	CHR11:10643450	SSF x LoA	-8,915	0,091	0,307
CHR11	10643451	CHR11:10643451	SSF x LoA	-9,844	0,072	0,289
CHR11	10643474	CHR11:10643474	SSF x LoA	-6,950	-0,074	0,292
CHR11	10643550	CHR11:10643550	SSF x LoA	-8,778	-0,036	0,285
CHR11	10663640	CHR11:10663640	SSF x LoA	-10,234	0,023	0,297
CHR11	10663708	CHR11:10663708	SSF x LoA	-7,823	0,050	0,300
CHR11	10663719	CHR11:10663719	SSF x LoA	-9,817	-0,021	0,294
CHR11	10663723	CHR11:10663723	SSF x LoA	-8,749	-0,125	0,261
CHR11	10663725	CHR11:10663725	SSF x LoA	-8,179	0,062	0,288
CHR11	10687847	CHR11:10687847	SSF x LoA	-9,504	0,087	0,317
CHR11	10688131	CHR11:10688131	SSF x LoA	-9,082	-0,004	0,283
CHR11	10688140	CHR11:10688140	SSF x LoA	-5,067	0,004	0,278
CHR11	10688153	CHR11:10688153	SSF x LoA	-8,527	-0,095	0,276
CHR11	10688195	CHR11:10688195	SSF x LoA	-9,635	0,118	0,289
CHR11	10688206	CHR11:10688206	SSF x LoA	-8,939	-0,075	0,271
CHR11	10688263	CHR11:10688263	SSF x LoA	-9,584	-0,094	0,285
CHR11	10704698	CHR11:10704698	SSF x LoA	-10,881	-0,053	0,288
CHR11	10704702	CHR11:10704702	SSF x LoA	-8,686	-0,158	0,289
CHR11	10704724	CHR11:10704724	SSF x LoA	-10,259	-0,004	0,283
CHR11	10710776	CHR11:10710776	SSF x LoA	-7,159	0,012	0,294
CHR11	10711110	CHR11:10711110	SSF x LoA	-7,800	0,114	0,277
CHR11	10711121	CHR11:10711121	SSF x LoA	-5,403	-0,153	0,282
CHR11	10711129	CHR11:10711129	SSF x LoA	-0,472	-0,261	0,264
CHR11	10752894	CHR11:10752894	SSF x LoA	-6,882	0,154	0,290
CHR11	10753084	CHR11:10753084	SSF x LoA	-7,501	0,048	0,302
CHR11	1076353	CHR11:1076353	SSF x LoA	-8,908	0,050	0,294
CHR11	10768894	CHR11:10768894	SSF x LoA	-9,613	-0,121	0,286
CHR11	10769159	CHR11:10769159	SSF x LoA	-6,646	-0,009	0,287
CHR11	10771141	CHR11:10771141	SSF x LoA	-8,064	0,071	0,284
CHR11	10771146	CHR11:10771146	SSF x LoA	-8,463	0,013	0,289
CHR11	10771151	CHR11:10771151	SSF x LoA	-3,524	-0,114	0,301
CHR11	10771152	CHR11:10771152	SSF x LoA	-5,644	0,017	0,292
CHR11	10771182	CHR11:10771182	SSF x LoA	-1,144	0,128	0,281
CHR11	1077376	CHR11:1077376	SSF x LoA	-9,333	0,094	0,292
CHR11	1077384	CHR11:1077384	SSF x LoA	-6,594	0,128	0,272
CHR11	1077399	CHR11:1077399	SSF x LoA	-1,394	0,143	0,294
CHR11	1077451	CHR11:1077451	SSF x LoA	-9,802	0,061	0,280
CHR11	1077561	CHR11:1077561	SSF x LoA	-7,673	-0,013	0,301

CHR11	10776541	CHR11:10776541	SSF x LoA	-6,743	0,076	0,321
CHR11	10776691	CHR11:10776691	SSF x LoA	-9,688	-0,012	0,280
CHR11	10807377	CHR11:10807377	SSF x LoA	-7,915	0,056	0,291
CHR11	10807423	CHR11:10807423	SSF x LoA	-9,922	-0,030	0,289
CHR11	10822237	CHR11:10822237	SSF x LoA	-9,923	-0,021	0,292
CHR11	10822305	CHR11:10822305	SSF x LoA	-10,812	-0,088	0,301
CHR11	10824716	CHR11:10824716	SSF x LoA	-10,398	-0,003	0,300
CHR11	10824953	CHR11:10824953	SSF x LoA	-9,495	-0,018	0,304
CHR11	10825154	CHR11:10825154	SSF x LoA	-9,640	-0,006	0,305
CHR11	1082831	CHR11:1082831	SSF x LoA	-7,955	-0,203	0,277
CHR11	1082887	CHR11:1082887	SSF x LoA	-8,327	0,024	0,281
CHR11	1082901	CHR11:1082901	SSF x LoA	-9,615	-0,079	0,285
CHR11	10833459	CHR11:10833459	SSF x LoA	-8,663	0,011	0,281
CHR11	10833499	CHR11:10833499	SSF x LoA	-7,190	-0,105	0,286
CHR11	10875787	CHR11:10875787	SSF x LoA	-10,678	-0,001	0,274
CHR11	10875821	CHR11:10875821	SSF x LoA	-11,238	0,011	0,276
CHR11	10875850	CHR11:10875850	SSF x LoA	0,616	0,172	0,284
CHR11	10875891	CHR11:10875891	SSF x LoA	-7,789	0,078	0,289
CHR11	10875943	CHR11:10875943	SSF x LoA	-11,914	0,058	0,268
CHR11	10875948	CHR11:10875948	SSF x LoA	-10,788	-0,032	0,281
CHR11	10879666	CHR11:10879666	SSF x LoA	-7,714	-0,047	0,289
CHR11	10886762	CHR11:10886762	SSF x LoA	-8,266	0,102	0,282
CHR11	10886819	CHR11:10886819	SSF x LoA	-8,161	-0,193	0,272
CHR11	10886845	CHR11:10886845	SSF x LoA	-4,388	0,111	0,285
CHR11	10886849	CHR11:10886849	SSF x LoA	-7,377	0,099	0,289
CHR11	10886851	CHR11:10886851	SSF x LoA	-6,318	0,093	0,285
CHR11	10886855	CHR11:10886855	SSF x LoA	-6,782	0,111	0,286
CHR11	10886857	CHR11:10886857	SSF x LoA	-6,304	0,103	0,282
CHR11	10886878	CHR11:10886878	SSF x LoA	-9,369	0,001	0,290
CHR11	10886881	CHR11:10886881	SSF x LoA	-7,583	0,156	0,282
CHR11	10886884	CHR11:10886884	SSF x LoA	-6,768	0,113	0,292
CHR11	10886887	CHR11:10886887	SSF x LoA	-8,228	0,136	0,281
CHR11	10886888	CHR11:10886888	SSF x LoA	-6,666	0,131	0,291
CHR11	10886894	CHR11:10886894	SSF x LoA	-7,809	0,157	0,284
CHR11	10886900	CHR11:10886900	SSF x LoA	-8,390	0,014	0,283
CHR11	10904234	CHR11:10904234	SSF x LoA	-7,739	0,118	0,284
CHR11	10904286	CHR11:10904286	SSF x LoA	-9,997	-0,043	0,296
CHR11	10904288	CHR11:10904288	SSF x LoA	-7,332	-0,019	0,295
CHR11	10904292	CHR11:10904292	SSF x LoA	-6,768	-0,046	0,290
CHR11	10904322	CHR11:10904322	SSF x LoA	-10,975	-0,049	0,294
CHR11	10904332	CHR11:10904332	SSF x LoA	-9,255	0,034	0,279
CHR11	10904336	CHR11:10904336	SSF x LoA	-7,040	-0,061	0,311
CHR11	10904370	CHR11:10904370	SSF x LoA	-6,482	-0,088	0,303
CHR11	10904373	CHR11:10904373	SSF x LoA	-9,810	-0,106	0,292
CHR11	10906471	CHR11:10906471	SSF x LoA	-10,877	-0,008	0,283
CHR11	10906614	CHR11:10906614	SSF x LoA	-10,694	-0,072	0,280
CHR11	10906648	CHR11:10906648	SSF x LoA	-10,766	0,033	0,271
CHR11	10906694	CHR11:10906694	SSF x LoA	-9,957	-0,064	0,292
CHR11	10906703	CHR11:10906703	SSF x LoA	-2,516	-0,113	0,307
CHR11	10913556	CHR11:10913556	SSF x LoA	-4,747	-0,092	0,290
CHR11	10913567	CHR11:10913567	SSF x LoA	-10,132	-0,033	0,285
CHR11	10916501	CHR11:10916501	SSF x LoA	2,198	0,180	0,288
CHR11	10916517	CHR11:10916517	SSF x LoA	-6,435	0,126	0,303

CHR11	10916578	CHR11:1091657	SSF x LoA	-7,457	0,092	0,283
CHR11	10916589	CHR11:1091658	SSF x LoA	-9,206	0,061	0,281
CHR11	10917879	CHR11:1091787	SSF x LoA	-8,123	-0,062	0,302
CHR11	10917912	CHR11:1091791	SSF x LoA	2,185	-0,074	0,287
CHR11	10919127	CHR11:1091912	SSF x LoA	-10,276	-0,033	0,288
CHR11	10919129	CHR11:1091912	SSF x LoA	-8,224	-0,014	0,275
CHR11	10924135	CHR11:1092413	SSF x LoA	-8,281	0,111	0,282
CHR11	10924241	CHR11:1092424	SSF x LoA	-10,544	0,161	0,271
CHR11	10924316	CHR11:1092431	SSF x LoA	-5,918	0,128	0,289
CHR11	10927465	CHR11:1092746	SSF x LoA	-12,183	0,007	0,280
CHR11	10927672	CHR11:1092767	SSF x LoA	-7,560	0,093	0,294
CHR11	10927673	CHR11:1092767	SSF x LoA	-10,930	0,092	0,285
CHR11	10930214	CHR11:1093021	SSF x LoA	-8,924	0,145	0,287
CHR11	10935123	CHR11:1093512	SSF x LoA	-7,803	-0,142	0,291
CHR11	10947642	CHR11:1094764	SSF x LoA	-6,155	0,112	0,284
CHR11	10948970	CHR11:1094897	SSF x LoA	-11,224	-0,024	0,287
CHR11	10950535	CHR11:1095053	SSF x LoA	-9,570	0,138	0,290
CHR11	10950537	CHR11:1095053	SSF x LoA	-1,624	0,216	0,288
CHR11	10950626	CHR11:1095062	SSF x LoA	-5,380	-0,153	0,281
CHR11	10958540	CHR11:1095854	SSF x LoA	-7,508	-0,074	0,281
CHR11	10960587	CHR11:1096058	SSF x LoA	-8,753	-0,109	0,299
CHR11	10960607	CHR11:1096060	SSF x LoA	-9,945	0,047	0,286
CHR11	10960631	CHR11:1096063	SSF x LoA	-4,893	-0,138	0,278
CHR11	10960633	CHR11:1096063	SSF x LoA	-6,667	-0,164	0,260
CHR11	10969830	CHR11:1096983	SSF x LoA	-7,237	-0,193	0,274
CHR11	10979452	CHR11:1097945	SSF x LoA	-8,502	-0,066	0,281
CHR11	10979555	CHR11:1097955	SSF x LoA	-8,858	0,046	0,298
CHR11	10989083	CHR11:1098908	SSF x LoA	-11,089	0,009	0,270
CHR11	10989094	CHR11:1098909	SSF x LoA	-9,737	-0,068	0,267
CHR11	10991734	CHR11:1099173	SSF x LoA	-9,673	-0,006	0,281
CHR11	10991746	CHR11:1099174	SSF x LoA	-8,095	0,008	0,293
CHR11	10991794	CHR11:1099179	SSF x LoA	-6,808	0,038	0,294
CHR11	10991805	CHR11:1099180	SSF x LoA	-11,035	0,051	0,283
CHR11	10991859	CHR11:1099185	SSF x LoA	-2,877	0,231	0,271
CHR11	10994873	CHR11:1099487	SSF x LoA	-8,398	0,006	0,303
CHR11	11007661	CHR11:1100766	SSF x LoA	-1,652	0,233	0,276
CHR11	11007663	CHR11:1100766	SSF x LoA	-4,114	0,230	0,272
CHR11	11007682	CHR11:1100768	SSF x LoA	-1,359	0,140	0,286
CHR11	11007756	CHR11:1100775	SSF x LoA	-0,139	0,170	0,285
CHR11	11007758	CHR11:1100775	SSF x LoA	-9,972	-0,032	0,283
CHR11	11007851	CHR11:1100785	SSF x LoA	-7,111	0,082	0,310
CHR11	11007866	CHR11:1100786	SSF x LoA	-8,791	-0,016	0,285
CHR11	11047625	CHR11:1104762	SSF x LoA	-9,467	0,135	0,280
CHR11	11048687	CHR11:1104868	SSF x LoA	-8,647	0,108	0,305
CHR11	11050803	CHR11:1105080	SSF x LoA	-9,190	0,041	0,287
CHR11	11050809	CHR11:1105080	SSF x LoA	-8,158	-0,064	0,293
CHR11	11050882	CHR11:1105088	SSF x LoA	-8,905	-0,017	0,296
CHR11	1107329	CHR11:1107329	SSF x LoA	-9,769	0,091	0,277
CHR11	1107437	CHR11:1107437	SSF x LoA	-8,592	-0,078	0,298
CHR11	11076516	CHR11:1107651	SSF x LoA	-7,244	-0,101	0,265
CHR11	11079621	CHR11:1107962	SSF x LoA	-3,921	0,011	0,298
CHR11	11079852	CHR11:1107985	SSF x LoA	-8,964	-0,053	0,279
CHR11	11122145	CHR11:1112214	SSF x LoA	-7,802	-0,161	0,279

CHR11	11146539	CHR11:1114653	SSF x LoA	-8,723	0,004	0,280
CHR11	11146610	CHR11:1114661	SSF x LoA	-11,272	-0,019	0,297
CHR11	11146766	CHR11:1114676	SSF x LoA	-8,191	0,006	0,300
CHR11	11155367	CHR11:1115536	SSF x LoA	-8,304	0,162	0,287
CHR11	11155482	CHR11:1115548	SSF x LoA	-7,367	-0,040	0,282
CHR11	11155529	CHR11:1115552	SSF x LoA	-9,788	0,056	0,285
CHR11	11155637	CHR11:1115563	SSF x LoA	-0,921	-0,240	0,272
CHR11	11162184	CHR11:1116218	SSF x LoA	-8,958	0,053	0,288
CHR11	11162208	CHR11:1116220	SSF x LoA	-8,295	0,066	0,283
CHR11	11162316	CHR11:1116231	SSF x LoA	-4,440	0,014	0,294
CHR11	11162399	CHR11:1116239	SSF x LoA	-6,807	0,031	0,292
CHR11	1116524	CHR11:1116524	SSF x LoA	-7,225	-0,171	0,286
CHR11	11167334	CHR11:1116733	SSF x LoA	-6,655	0,000	0,295
CHR11	1116744	CHR11:1116744	SSF x LoA	-9,936	-0,012	0,286
CHR11	1116764	CHR11:1116764	SSF x LoA	-4,073	-0,010	0,297
CHR11	11182985	CHR11:1118298	SSF x LoA	-10,928	-0,015	0,304
CHR11	11191093	CHR11:1119109	SSF x LoA	-6,441	0,063	0,309
CHR11	11191128	CHR11:1119112	SSF x LoA	-8,696	0,054	0,280
CHR11	11191135	CHR11:1119113	SSF x LoA	-8,878	0,010	0,290
CHR11	11191144	CHR11:1119114	SSF x LoA	-7,912	0,035	0,302
CHR11	11191153	CHR11:1119115	SSF x LoA	-11,039	-0,015	0,300
CHR11	11191260	CHR11:1119126	SSF x LoA	-9,998	0,041	0,298
CHR11	11191316	CHR11:1119131	SSF x LoA	-11,362	-0,028	0,284
CHR11	11196576	CHR11:1119657	SSF x LoA	-8,248	-0,118	0,291
CHR11	11199742	CHR11:1119974	SSF x LoA	-0,636	0,238	0,288
CHR11	11199813	CHR11:1119981	SSF x LoA	-3,401	0,260	0,274
CHR11	11200060	CHR11:1120006	SSF x LoA	-5,074	0,190	0,280
CHR11	11200197	CHR11:1120019	SSF x LoA	-9,686	-0,020	0,299
CHR11	11230154	CHR11:1123015	SSF x LoA	-8,543	0,002	0,296
CHR11	11232980	CHR11:1123298	SSF x LoA	-10,542	0,059	0,277
CHR11	11233080	CHR11:1123308	SSF x LoA	-8,731	-0,011	0,288
CHR11	11251018	CHR11:1125101	SSF x LoA	-6,284	0,056	0,298
CHR11	11251085	CHR11:1125108	SSF x LoA	-9,038	0,005	0,277
CHR11	11296606	CHR11:1129660	SSF x LoA	-11,455	-0,033	0,279
CHR11	11296627	CHR11:1129662	SSF x LoA	-10,138	-0,033	0,290
CHR11	11296635	CHR11:1129663	SSF x LoA	-8,197	0,036	0,295
CHR11	11296708	CHR11:1129670	SSF x LoA	-9,640	-0,056	0,276
CHR11	11307814	CHR11:1130781	SSF x LoA	-6,864	0,175	0,283
CHR11	11307822	CHR11:1130782	SSF x LoA	-10,729	0,046	0,288
CHR11	11312198	CHR11:1131219	SSF x LoA	-2,613	-0,045	0,294
CHR11	11312445	CHR11:1131244	SSF x LoA	-6,016	0,217	0,275
CHR11	11316460	CHR11:1131646	SSF x LoA	-6,333	-0,160	0,279
CHR11	11316485	CHR11:1131648	SSF x LoA	-8,349	-0,035	0,308
CHR11	1131765	CHR11:1131765	SSF x LoA	-8,283	-0,049	0,291
CHR11	1131844	CHR11:1131844	SSF x LoA	-7,915	-0,012	0,308
CHR11	1131868	CHR11:1131868	SSF x LoA	-9,178	-0,009	0,290
CHR11	1131880	CHR11:1131880	SSF x LoA	-7,340	0,120	0,300
CHR11	1131989	CHR11:1131989	SSF x LoA	-9,032	-0,089	0,303
CHR11	11322973	CHR11:1132297	SSF x LoA	-9,425	-0,106	0,287
CHR11	11323074	CHR11:1132307	SSF x LoA	-6,402	0,079	0,288
CHR11	11323082	CHR11:1132308	SSF x LoA	-9,951	-0,074	0,282
CHR11	11323139	CHR11:1132313	SSF x LoA	-8,061	-0,065	0,289
CHR11	11323199	CHR11:1132319	SSF x LoA	-1,501	0,045	0,270

CHR11	11323218	CHR11:11323218	SSF x LoA	-9,457	0,051	0,300
CHR11	11323272	CHR11:11323272	SSF x LoA	-11,128	-0,026	0,293
CHR11	11323274	CHR11:11323274	SSF x LoA	-10,978	0,009	0,299
CHR11	11339080	CHR11:11339080	SSF x LoA	-7,223	0,112	0,285
CHR11	11370317	CHR11:11370317	SSF x LoA	-10,226	-0,108	0,272
CHR11	11370427	CHR11:11370427	SSF x LoA	-7,044	0,133	0,290
CHR11	1139420	CHR11:1139420	SSF x LoA	-9,590	-0,080	0,293
CHR11	1139625	CHR11:1139625	SSF x LoA	-11,084	0,059	0,291
CHR11	1139709	CHR11:1139709	SSF x LoA	-8,848	0,120	0,271
CHR11	1139752	CHR11:1139752	SSF x LoA	-9,525	0,038	0,284
CHR11	11428103	CHR11:11428103	SSF x LoA	-9,990	0,016	0,287
CHR11	11428128	CHR11:11428128	SSF x LoA	-9,455	0,039	0,300
CHR11	11428148	CHR11:11428148	SSF x LoA	-9,555	0,001	0,283
CHR11	11428153	CHR11:11428153	SSF x LoA	-10,092	0,040	0,286
CHR11	11428195	CHR11:11428195	SSF x LoA	-8,562	0,144	0,277
CHR11	11429099	CHR11:11429099	SSF x LoA	-7,984	-0,099	0,283
CHR11	11429133	CHR11:11429133	SSF x LoA	-9,752	-0,063	0,301
CHR11	11429142	CHR11:11429142	SSF x LoA	-8,388	-0,068	0,302
CHR11	11429171	CHR11:11429171	SSF x LoA	-9,576	-0,020	0,296
CHR11	11429172	CHR11:11429172	SSF x LoA	-9,305	-0,031	0,306
CHR11	11429203	CHR11:11429203	SSF x LoA	-9,189	0,023	0,295
CHR11	11432495	CHR11:11432495	SSF x LoA	-7,179	-0,040	0,310
CHR11	11432590	CHR11:11432590	SSF x LoA	-8,693	0,022	0,277
CHR11	11432591	CHR11:11432591	SSF x LoA	-8,310	0,024	0,294
CHR11	11432674	CHR11:11432674	SSF x LoA	-8,431	-0,025	0,285
CHR11	11432742	CHR11:11432742	SSF x LoA	-8,036	0,054	0,293
CHR11	11436563	CHR11:11436563	SSF x LoA	-10,171	0,037	0,296
CHR11	11436641	CHR11:11436641	SSF x LoA	-9,748	-0,006	0,293
CHR11	11439841	CHR11:11439841	SSF x LoA	-8,662	0,136	0,272
CHR11	11440074	CHR11:11440074	SSF x LoA	-8,998	0,074	0,289
CHR11	11451843	CHR11:11451843	SSF x LoA	-10,071	-0,017	0,297
CHR11	11451875	CHR11:11451875	SSF x LoA	-10,783	-0,008	0,297
CHR11	11467562	CHR11:11467562	SSF x LoA	-8,877	0,141	0,276
CHR11	11467581	CHR11:11467581	SSF x LoA	-7,379	0,108	0,293
CHR11	11467711	CHR11:11467711	SSF x LoA	-8,962	0,000	0,279
CHR11	11467715	CHR11:11467715	SSF x LoA	-7,173	0,104	0,293
CHR11	11467830	CHR11:11467830	SSF x LoA	-7,982	-0,105	0,284
CHR11	11467916	CHR11:11467916	SSF x LoA	-9,889	-0,038	0,286
CHR11	11483500	CHR11:11483500	SSF x LoA	-9,861	0,006	0,281
CHR11	11495422	CHR11:11495422	SSF x LoA	-10,104	-0,092	0,288
CHR11	11495443	CHR11:11495443	SSF x LoA	-9,143	0,019	0,300
CHR11	11508674	CHR11:11508674	SSF x LoA	-8,142	0,011	0,297
CHR11	11519594	CHR11:11519594	SSF x LoA	-8,504	-0,132	0,279
CHR11	11519650	CHR11:11519650	SSF x LoA	-8,320	-0,010	0,271
CHR11	11519660	CHR11:11519660	SSF x LoA	-10,916	0,078	0,285
CHR11	11532619	CHR11:11532619	SSF x LoA	-10,918	-0,034	0,280
CHR11	11537669	CHR11:11537669	SSF x LoA	-11,316	-0,043	0,289
CHR11	11554455	CHR11:11554455	SSF x LoA	-10,098	-0,022	0,285
CHR11	11554509	CHR11:11554509	SSF x LoA	-10,023	-0,112	0,294
CHR11	11574164	CHR11:11574164	SSF x LoA	-9,448	0,031	0,275
CHR11	11574166	CHR11:11574166	SSF x LoA	-7,149	0,117	0,290
CHR11	11575748	CHR11:11575748	SSF x LoA	-7,526	0,064	0,287
CHR11	1159066	CHR11:1159066	SSF x LoA	-10,614	0,021	0,307

CHR11	1159155	CHR11:1159155	SSF x LoA	-8,626	0,081	0,302
CHR11	1159207	CHR11:1159207	SSF x LoA	-8,823	-0,160	0,282
CHR11	1159276	CHR11:1159276	SSF x LoA	-7,647	-0,062	0,298
CHR11	1159340	CHR11:1159340	SSF x LoA	-10,560	0,048	0,285
CHR11	1159355	CHR11:1159355	SSF x LoA	-8,806	0,150	0,276
CHR11	1160418	CHR11:1160418	SSF x LoA	-8,818	0,028	0,300
CHR11	1160521	CHR11:1160521	SSF x LoA	-6,526	0,126	0,287
CHR11	1160595	CHR11:1160595	SSF x LoA	-4,435	0,249	0,258
CHR11	1164058	CHR11:1164058	SSF x LoA	-8,728	0,066	0,290
CHR11	1164153	CHR11:1164153	SSF x LoA	-11,284	0,030	0,289
CHR11	1164945	CHR11:1164945	SSF x LoA	-7,517	-0,106	0,287
CHR11	1165067	CHR11:1165067	SSF x LoA	-8,969	-0,040	0,296
CHR11	1165081	CHR11:1165081	SSF x LoA	-6,925	-0,152	0,267
CHR11	1165098	CHR11:1165098	SSF x LoA	-9,030	-0,064	0,282
CHR11	1165113	CHR11:1165113	SSF x LoA	-6,924	-0,120	0,279
CHR11	11665435	CHR11:1166543	SSF x LoA	-8,658	-0,024	0,291
CHR11	11665442	CHR11:1166544	SSF x LoA	-8,818	-0,046	0,288
CHR11	11665445	CHR11:1166544	SSF x LoA	-8,809	-0,046	0,295
CHR11	11665525	CHR11:1166552	SSF x LoA	-8,400	-0,054	0,297
CHR11	11665556	CHR11:1166555	SSF x LoA	-8,438	-0,033	0,288
CHR11	11665605	CHR11:1166560	SSF x LoA	-7,137	0,001	0,290
CHR11	11675918	CHR11:1167591	SSF x LoA	-9,084	0,007	0,278
CHR11	11676042	CHR11:1167604	SSF x LoA	-6,909	-0,079	0,291
CHR11	11676060	CHR11:1167606	SSF x LoA	-10,952	0,062	0,282
CHR11	11676113	CHR11:1167611	SSF x LoA	-10,977	-0,080	0,274
CHR11	11692887	CHR11:1169288	SSF x LoA	-11,441	0,040	0,285
CHR11	117041	CHR11:117041	SSF x LoA	-11,446	0,043	0,296
CHR11	11704664	CHR11:1170466	SSF x LoA	-10,608	-0,070	0,291
CHR11	11704816	CHR11:1170481	SSF x LoA	-6,979	-0,014	0,285
CHR11	11707333	CHR11:1170733	SSF x LoA	-10,849	-0,151	0,273
CHR11	11732589	CHR11:1173258	SSF x LoA	-9,398	-0,003	0,285
CHR11	11732667	CHR11:1173266	SSF x LoA	-10,345	0,050	0,279
CHR11	11732715	CHR11:1173271	SSF x LoA	-8,486	-0,110	0,301
CHR11	11732746	CHR11:1173274	SSF x LoA	-4,881	-0,191	0,285
CHR11	11732788	CHR11:1173278	SSF x LoA	-7,040	-0,154	0,269
CHR11	11732830	CHR11:1173283	SSF x LoA	-9,859	0,063	0,295
CHR11	11732831	CHR11:1173283	SSF x LoA	-9,555	-0,061	0,289
CHR11	11732860	CHR11:1173286	SSF x LoA	-9,055	0,128	0,284
CHR11	11736508	CHR11:1173650	SSF x LoA	-6,324	-0,141	0,274
CHR11	11736763	CHR11:1173676	SSF x LoA	-7,185	-0,081	0,284
CHR11	11736808	CHR11:1173680	SSF x LoA	-8,169	-0,105	0,295
CHR11	11736975	CHR11:1173697	SSF x LoA	-9,182	0,050	0,292
CHR11	11757538	CHR11:1175753	SSF x LoA	-9,036	0,024	0,269
CHR11	11759814	CHR11:1175981	SSF x LoA	-10,355	0,003	0,296
CHR11	11759845	CHR11:1175984	SSF x LoA	-10,338	-0,006	0,294
CHR11	11759849	CHR11:1175984	SSF x LoA	-10,346	0,015	0,291
CHR11	11759887	CHR11:1175988	SSF x LoA	-10,459	-0,002	0,289
CHR11	1176424	CHR11:1176424	SSF x LoA	-8,746	0,004	0,298
CHR11	1176474	CHR11:1176474	SSF x LoA	-9,301	-0,003	0,285
CHR11	1176477	CHR11:1176477	SSF x LoA	-5,522	-0,128	0,283
CHR11	11772099	CHR11:1177209	SSF x LoA	-10,035	0,059	0,297
CHR11	11773998	CHR11:1177399	SSF x LoA	-11,287	-0,057	0,281
CHR11	11774000	CHR11:1177400	SSF x LoA	-10,685	-0,095	0,281

CHR11	11774118	CHR11:11774118	SSF x LoA	-8,326	-0,063	0,295
CHR11	11774158	CHR11:11774158	SSF x LoA	-10,031	0,056	0,295
CHR11	11777225	CHR11:11777225	SSF x LoA	-3,794	0,100	0,286
CHR11	11777257	CHR11:11777257	SSF x LoA	-9,658	-0,008	0,278
CHR11	11780151	CHR11:11780151	SSF x LoA	-6,458	0,228	0,285
CHR11	11780334	CHR11:11780334	SSF x LoA	-6,420	0,142	0,274
CHR11	11780398	CHR11:11780398	SSF x LoA	-8,132	-0,019	0,287
CHR11	1178464	CHR11:1178464	SSF x LoA	-11,050	-0,042	0,285
CHR11	1178514	CHR11:1178514	SSF x LoA	-10,234	0,030	0,288
CHR11	1178516	CHR11:1178516	SSF x LoA	-10,626	0,022	0,283
CHR11	11810371	CHR11:11810371	SSF x LoA	-9,699	-0,020	0,299
CHR11	11824344	CHR11:11824344	SSF x LoA	-9,446	-0,063	0,296
CHR11	11836003	CHR11:11836003	SSF x LoA	-10,046	0,111	0,288
CHR11	11837118	CHR11:11837118	SSF x LoA	-10,200	0,079	0,283
CHR11	11837159	CHR11:11837159	SSF x LoA	-8,502	-0,073	0,297
CHR11	11837173	CHR11:11837173	SSF x LoA	-10,018	0,049	0,298
CHR11	11857344	CHR11:11857344	SSF x LoA	-9,839	0,003	0,285
CHR11	11857355	CHR11:11857355	SSF x LoA	-8,074	-0,062	0,291
CHR11	11857356	CHR11:11857356	SSF x LoA	-7,723	-0,032	0,288
CHR11	11857473	CHR11:11857473	SSF x LoA	-8,754	0,121	0,282
CHR11	11857689	CHR11:11857689	SSF x LoA	-7,130	-0,004	0,291
CHR11	11857757	CHR11:11857757	SSF x LoA	-11,219	-0,043	0,285
CHR11	11862558	CHR11:11862558	SSF x LoA	-7,781	-0,007	0,296
CHR11	11880643	CHR11:11880643	SSF x LoA	-10,596	0,064	0,292
CHR11	11887217	CHR11:11887217	SSF x LoA	-8,468	-0,079	0,274
CHR11	11890036	CHR11:11890036	SSF x LoA	-9,214	-0,096	0,284
CHR11	11908318	CHR11:11908318	SSF x LoA	-8,962	-0,018	0,300
CHR11	11909413	CHR11:11909413	SSF x LoA	-10,911	-0,063	0,274
CHR11	11909487	CHR11:11909487	SSF x LoA	5,976	0,185	0,295
CHR11	11909551	CHR11:11909551	SSF x LoA	-7,384	-0,055	0,299
CHR11	11913626	CHR11:11913626	SSF x LoA	-9,965	0,082	0,292
CHR11	11913642	CHR11:11913642	SSF x LoA	-9,351	0,019	0,288
CHR11	11920780	CHR11:11920780	SSF x LoA	-8,618	0,164	0,290
CHR11	11931560	CHR11:11931560	SSF x LoA	-5,707	0,095	0,285
CHR11	11931649	CHR11:11931649	SSF x LoA	-9,758	0,063	0,276
CHR11	11933883	CHR11:11933883	SSF x LoA	-7,213	0,118	0,292
CHR11	11937438	CHR11:11937438	SSF x LoA	-8,536	-0,006	0,288
CHR11	11937526	CHR11:11937526	SSF x LoA	-9,228	0,140	0,287
CHR11	11937549	CHR11:11937549	SSF x LoA	-8,943	0,168	0,289
CHR11	11937560	CHR11:11937560	SSF x LoA	-7,738	-0,131	0,286
CHR11	11937571	CHR11:11937571	SSF x LoA	-7,938	0,135	0,287
CHR11	11937663	CHR11:11937663	SSF x LoA	-9,937	0,100	0,293
CHR11	11937676	CHR11:11937676	SSF x LoA	-9,353	-0,006	0,282
CHR11	11937718	CHR11:11937718	SSF x LoA	-7,141	0,106	0,297
CHR11	11949975	CHR11:11949975	SSF x LoA	-8,123	-0,145	0,281
CHR11	11955193	CHR11:11955193	SSF x LoA	-9,792	0,102	0,268
CHR11	1197278	CHR11:1197278	SSF x LoA	-5,888	-0,039	0,290
CHR11	11973090	CHR11:11973090	SSF x LoA	-11,349	-0,034	0,296
CHR11	11973169	CHR11:11973169	SSF x LoA	-9,874	-0,050	0,279
CHR11	11973176	CHR11:11973176	SSF x LoA	-6,324	0,019	0,302
CHR11	11973191	CHR11:11973191	SSF x LoA	-5,611	0,148	0,280
CHR11	11973202	CHR11:11973202	SSF x LoA	-8,838	0,013	0,285
CHR11	11973237	CHR11:11973237	SSF x LoA	-10,773	0,020	0,300

CHR11	1197549	CHR11:1197549	SSF x LoA	-6,678	-0,248	0,267
CHR11	11987212	CHR11:11987212	SSF x LoA	-7,612	-0,096	0,298
CHR11	11990763	CHR11:11990763	SSF x LoA	-8,803	-0,084	0,280
CHR11	11990816	CHR11:11990816	SSF x LoA	-1,632	-0,222	0,280
CHR11	11991064	CHR11:11991064	SSF x LoA	-10,703	-0,119	0,290
CHR11	11993799	CHR11:11993799	SSF x LoA	-7,016	0,058	0,289
CHR11	11993846	CHR11:11993846	SSF x LoA	-7,092	-0,007	0,297
CHR11	11993970	CHR11:11993970	SSF x LoA	-9,502	0,019	0,297
CHR11	11994104	CHR11:11994104	SSF x LoA	-10,013	-0,054	0,286
CHR11	12001648	CHR11:12001648	SSF x LoA	-5,679	-0,214	0,278
CHR11	12006786	CHR11:12006786	SSF x LoA	-7,069	0,102	0,282
CHR11	12006950	CHR11:12006950	SSF x LoA	-3,466	-0,051	0,301
CHR11	12006959	CHR11:12006959	SSF x LoA	-7,797	-0,052	0,294
CHR11	12006976	CHR11:12006976	SSF x LoA	-10,412	-0,044	0,288
CHR11	12006980	CHR11:12006980	SSF x LoA	-8,403	0,023	0,284
CHR11	12017620	CHR11:12017620	SSF x LoA	-6,518	-0,157	0,300
CHR11	12017682	CHR11:12017682	SSF x LoA	-7,096	-0,137	0,276
CHR11	12017684	CHR11:12017684	SSF x LoA	-9,305	-0,034	0,292
CHR11	12017745	CHR11:12017745	SSF x LoA	-8,767	0,000	0,293
CHR11	12017781	CHR11:12017781	SSF x LoA	-7,692	-0,104	0,285
CHR11	12017841	CHR11:12017841	SSF x LoA	-8,077	0,096	0,292
CHR11	12054541	CHR11:12054541	SSF x LoA	-7,402	0,048	0,305
CHR11	12054751	CHR11:12054751	SSF x LoA	-10,086	-0,104	0,292
CHR11	12073796	CHR11:12073796	SSF x LoA	-8,532	-0,056	0,299
CHR11	12074059	CHR11:12074059	SSF x LoA	-10,364	0,021	0,289
CHR11	12074857	CHR11:12074857	SSF x LoA	-9,996	0,051	0,285
CHR11	12074921	CHR11:12074921	SSF x LoA	-8,743	0,075	0,298
CHR11	1207975	CHR11:1207975	SSF x LoA	-8,279	0,118	0,294
CHR11	1208146	CHR11:1208146	SSF x LoA	-5,210	-0,115	0,284
CHR11	12108251	CHR11:12108251	SSF x LoA	-8,189	0,062	0,289
CHR11	12121933	CHR11:12121933	SSF x LoA	-8,171	0,011	0,280
CHR11	12121990	CHR11:12121990	SSF x LoA	-10,780	0,007	0,301
CHR11	12140107	CHR11:12140107	SSF x LoA	-10,085	-0,077	0,281
CHR11	1214786	CHR11:1214786	SSF x LoA	-8,451	0,128	0,279
CHR11	1214808	CHR11:1214808	SSF x LoA	-11,205	0,030	0,284
CHR11	1214878	CHR11:1214878	SSF x LoA	-10,584	-0,054	0,285
CHR11	1214930	CHR11:1214930	SSF x LoA	-9,977	0,075	0,286
CHR11	12150184	CHR11:12150184	SSF x LoA	-5,874	-0,201	0,272
CHR11	12163724	CHR11:12163724	SSF x LoA	-9,123	-0,010	0,281
CHR11	12163824	CHR11:12163824	SSF x LoA	-6,120	0,073	0,294
CHR11	12172663	CHR11:12172663	SSF x LoA	-10,970	-0,009	0,288
CHR11	12172954	CHR11:12172954	SSF x LoA	-10,793	0,023	0,280
CHR11	12175537	CHR11:12175537	SSF x LoA	-8,084	-0,069	0,293
CHR11	12175539	CHR11:12175539	SSF x LoA	-8,605	-0,053	0,295
CHR11	12175540	CHR11:12175540	SSF x LoA	-9,754	-0,057	0,290
CHR11	12185726	CHR11:12185726	SSF x LoA	-9,428	0,000	0,281
CHR11	12186050	CHR11:12186050	SSF x LoA	-7,978	-0,140	0,282
CHR11	12193807	CHR11:12193807	SSF x LoA	-7,822	0,051	0,272
CHR11	12193938	CHR11:12193938	SSF x LoA	-6,975	-0,104	0,289
CHR11	12200458	CHR11:12200458	SSF x LoA	-9,864	-0,058	0,289
CHR11	12200540	CHR11:12200540	SSF x LoA	-7,719	0,008	0,295
CHR11	12208738	CHR11:12208738	SSF x LoA	-6,426	0,139	0,285
CHR11	12208769	CHR11:12208769	SSF x LoA	-8,008	0,125	0,273

CHR11	12208775	CHR11:12208775	SSF x LoA	-8,108	-0,018	0,300
CHR11	12223248	CHR11:12223248	SSF x LoA	-10,295	0,028	0,290
CHR11	12224885	CHR11:12224885	SSF x LoA	-9,292	0,070	0,284
CHR11	12224923	CHR11:12224923	SSF x LoA	-11,039	0,063	0,285
CHR11	12228638	CHR11:12228638	SSF x LoA	-8,993	0,017	0,273
CHR11	12228677	CHR11:12228677	SSF x LoA	-10,109	-0,083	0,285
CHR11	12263204	CHR11:12263204	SSF x LoA	-6,808	0,144	0,285
CHR11	12263235	CHR11:12263235	SSF x LoA	-8,158	0,083	0,285
CHR11	12263248	CHR11:12263248	SSF x LoA	-7,415	0,138	0,287
CHR11	12263352	CHR11:12263352	SSF x LoA	-9,047	0,065	0,294
CHR11	12263360	CHR11:12263360	SSF x LoA	-11,264	-0,034	0,285
CHR11	12263361	CHR11:12263361	SSF x LoA	-11,909	-0,047	0,279
CHR11	12263366	CHR11:12263366	SSF x LoA	-11,073	-0,007	0,292
CHR11	12263466	CHR11:12263466	SSF x LoA	-6,417	-0,007	0,296
CHR11	12269365	CHR11:12269365	SSF x LoA	-9,207	-0,115	0,297
CHR11	12269395	CHR11:12269395	SSF x LoA	-9,800	0,069	0,298
CHR11	12269406	CHR11:12269406	SSF x LoA	-9,340	0,035	0,290
CHR11	12269623	CHR11:12269623	SSF x LoA	-8,241	-0,108	0,292
CHR11	12277151	CHR11:12277151	SSF x LoA	-9,023	-0,038	0,289
CHR11	12277152	CHR11:12277152	SSF x LoA	-8,752	-0,072	0,296
CHR11	12277380	CHR11:12277380	SSF x LoA	-9,117	-0,017	0,288
CHR11	12277389	CHR11:12277389	SSF x LoA	-8,269	-0,099	0,301
CHR11	12288426	CHR11:12288426	SSF x LoA	-7,391	0,071	0,285
CHR11	12290973	CHR11:12290973	SSF x LoA	-6,919	0,173	0,292
CHR11	12290985	CHR11:12290985	SSF x LoA	-9,090	0,071	0,278
CHR11	12300039	CHR11:12300039	SSF x LoA	-9,022	0,040	0,292
CHR11	12300127	CHR11:12300127	SSF x LoA	-7,326	0,110	0,280
CHR11	12300317	CHR11:12300317	SSF x LoA	-9,937	0,073	0,290
CHR11	12303160	CHR11:12303160	SSF x LoA	-8,811	0,020	0,290
CHR11	12303166	CHR11:12303166	SSF x LoA	-7,112	0,031	0,301
CHR11	12322758	CHR11:12322758	SSF x LoA	-8,705	-0,055	0,293
CHR11	12324079	CHR11:12324079	SSF x LoA	-10,782	0,106	0,275
CHR11	12324153	CHR11:12324153	SSF x LoA	-11,078	-0,012	0,286
CHR11	12333319	CHR11:12333319	SSF x LoA	-8,451	-0,016	0,301
CHR11	12333498	CHR11:12333498	SSF x LoA	-6,325	0,084	0,310
CHR11	12335459	CHR11:12335459	SSF x LoA	-7,981	0,057	0,282
CHR11	12335474	CHR11:12335474	SSF x LoA	-7,883	0,029	0,280
CHR11	12335489	CHR11:12335489	SSF x LoA	-7,247	0,046	0,278
CHR11	12335532	CHR11:12335532	SSF x LoA	-7,679	0,098	0,264
CHR11	12335537	CHR11:12335537	SSF x LoA	-7,341	0,062	0,273
CHR11	12335538	CHR11:12335538	SSF x LoA	-8,248	0,069	0,257
CHR11	12335550	CHR11:12335550	SSF x LoA	-1,319	0,076	0,270
CHR11	12337032	CHR11:12337032	SSF x LoA	-4,380	-0,119	0,279
CHR11	12337084	CHR11:12337084	SSF x LoA	-7,143	-0,014	0,281
CHR11	12337187	CHR11:12337187	SSF x LoA	-11,128	0,057	0,292
CHR11	12337201	CHR11:12337201	SSF x LoA	-8,880	0,086	0,291
CHR11	12356613	CHR11:12356613	SSF x LoA	-6,732	0,186	0,261
CHR11	12356673	CHR11:12356673	SSF x LoA	-9,681	0,073	0,282
CHR11	12427148	CHR11:12427148	SSF x LoA	-7,129	0,070	0,287
CHR11	12427165	CHR11:12427165	SSF x LoA	-8,124	0,052	0,294
CHR11	12427208	CHR11:12427208	SSF x LoA	-4,047	0,121	0,295
CHR11	12433655	CHR11:12433655	SSF x LoA	-7,750	0,166	0,281
CHR11	12443482	CHR11:12443482	SSF x LoA	-7,593	0,008	0,265

CHR11	12462057	CHR11:12462057	SSF x LoA	-7,972	0,011	0,286
CHR11	12482144	CHR11:12482144	SSF x LoA	-10,537	0,078	0,287
CHR11	12521810	CHR11:12521810	SSF x LoA	-7,754	-0,063	0,300
CHR11	12532344	CHR11:12532344	SSF x LoA	-10,215	0,075	0,288
CHR11	12532349	CHR11:12532349	SSF x LoA	-9,654	-0,037	0,298
CHR11	12532374	CHR11:12532374	SSF x LoA	-10,191	-0,054	0,292
CHR11	12532402	CHR11:12532402	SSF x LoA	-8,143	0,040	0,292
CHR11	12533409	CHR11:12533409	SSF x LoA	-9,261	0,020	0,276
CHR11	12533422	CHR11:12533422	SSF x LoA	-8,425	-0,039	0,288
CHR11	12546573	CHR11:12546573	SSF x LoA	-5,616	-0,095	0,294
CHR11	12546766	CHR11:12546766	SSF x LoA	-7,332	0,125	0,290
CHR11	12553853	CHR11:12553853	SSF x LoA	-6,015	-0,033	0,311
CHR11	12553881	CHR11:12553881	SSF x LoA	-10,361	0,064	0,301
CHR11	12554115	CHR11:12554115	SSF x LoA	-9,026	0,023	0,300
CHR11	12554910	CHR11:12554910	SSF x LoA	4,325	0,032	0,293
CHR11	12554966	CHR11:12554966	SSF x LoA	-9,973	-0,046	0,308
CHR11	12555000	CHR11:12555000	SSF x LoA	-9,585	0,024	0,278
CHR11	12569726	CHR11:12569726	SSF x LoA	-9,231	0,073	0,299
CHR11	12580330	CHR11:12580330	SSF x LoA	-8,849	-0,060	0,282
CHR11	12580580	CHR11:12580580	SSF x LoA	-8,342	0,044	0,287
CHR11	12580637	CHR11:12580637	SSF x LoA	-9,151	0,061	0,267
CHR11	12586463	CHR11:12586463	SSF x LoA	-8,649	-0,098	0,280
CHR11	12586465	CHR11:12586465	SSF x LoA	-10,773	-0,079	0,278
CHR11	12587472	CHR11:12587472	SSF x LoA	-10,989	0,070	0,292
CHR11	12587485	CHR11:12587485	SSF x LoA	-6,293	-0,101	0,276
CHR11	12587598	CHR11:12587598	SSF x LoA	-3,514	0,090	0,299
CHR11	12589497	CHR11:12589497	SSF x LoA	-9,832	-0,018	0,303
CHR11	12597003	CHR11:12597003	SSF x LoA	-8,822	-0,075	0,266
CHR11	12597005	CHR11:12597005	SSF x LoA	-8,358	-0,012	0,287
CHR11	12597027	CHR11:12597027	SSF x LoA	-0,158	0,160	0,273
CHR11	12597058	CHR11:12597058	SSF x LoA	-10,398	-0,044	0,285
CHR11	12597131	CHR11:12597131	SSF x LoA	-9,246	-0,032	0,298
CHR11	1264708	CHR11:1264708	SSF x LoA	-8,419	-0,134	0,301
CHR11	12649596	CHR11:12649596	SSF x LoA	-7,662	-0,109	0,281
CHR11	12649666	CHR11:12649666	SSF x LoA	-7,320	0,106	0,295
CHR11	12657758	CHR11:12657758	SSF x LoA	-5,533	0,216	0,272
CHR11	12662470	CHR11:12662470	SSF x LoA	-8,115	0,024	0,294
CHR11	12678636	CHR11:12678636	SSF x LoA	-8,413	-0,040	0,290
CHR11	12693040	CHR11:12693040	SSF x LoA	-4,865	-0,080	0,290
CHR11	12695617	CHR11:12695617	SSF x LoA	-8,691	0,070	0,284
CHR11	12696460	CHR11:12696460	SSF x LoA	-8,035	0,029	0,302
CHR11	12732292	CHR11:12732292	SSF x LoA	-7,824	-0,080	0,277
CHR11	12733817	CHR11:12733817	SSF x LoA	-8,525	0,058	0,283
CHR11	12733838	CHR11:12733838	SSF x LoA	-11,592	-0,057	0,264
CHR11	12733892	CHR11:12733892	SSF x LoA	-8,892	0,020	0,297
CHR11	12734157	CHR11:12734157	SSF x LoA	-8,510	0,139	0,286
CHR11	12738811	CHR11:12738811	SSF x LoA	-8,164	-0,014	0,294
CHR11	12738873	CHR11:12738873	SSF x LoA	-7,868	-0,087	0,291
CHR11	12739014	CHR11:12739014	SSF x LoA	-8,838	-0,024	0,284
CHR11	12739017	CHR11:12739017	SSF x LoA	-8,407	0,098	0,283
CHR11	12745688	CHR11:12745688	SSF x LoA	-7,658	-0,096	0,291
CHR11	12745720	CHR11:12745720	SSF x LoA	-11,015	-0,028	0,287
CHR11	12757051	CHR11:12757051	SSF x LoA	-6,953	-0,062	0,306

CHR11	12757058	CHR11:12757058	SSF x LoA	-9,078	0,075	0,283
CHR11	12757175	CHR11:12757175	SSF x LoA	-7,598	-0,071	0,291
CHR11	12761299	CHR11:12761299	SSF x LoA	0,910	-0,162	0,281
CHR11	12771492	CHR11:12771492	SSF x LoA	-9,508	0,049	0,279
CHR11	12775727	CHR11:12775727	SSF x LoA	-7,485	0,096	0,282
CHR11	12775766	CHR11:12775766	SSF x LoA	-8,094	0,075	0,288
CHR11	12775774	CHR11:12775774	SSF x LoA	-7,423	0,059	0,293
CHR11	12776900	CHR11:12776900	SSF x LoA	-10,617	-0,001	0,279
CHR11	12776948	CHR11:12776948	SSF x LoA	-10,042	-0,001	0,280
CHR11	12776952	CHR11:12776952	SSF x LoA	-9,083	0,108	0,283
CHR11	12794813	CHR11:12794813	SSF x LoA	-7,703	0,024	0,288
CHR11	12798707	CHR11:12798707	SSF x LoA	-7,216	-0,104	0,280
CHR11	12798786	CHR11:12798786	SSF x LoA	-8,884	0,036	0,285
CHR11	12798872	CHR11:12798872	SSF x LoA	-6,753	0,159	0,290
CHR11	12798955	CHR11:12798955	SSF x LoA	-9,326	-0,028	0,303
CHR11	12803486	CHR11:12803486	SSF x LoA	-9,228	-0,098	0,278
CHR11	12808654	CHR11:12808654	SSF x LoA	-9,731	-0,002	0,299
CHR11	12821356	CHR11:12821356	SSF x LoA	-6,916	0,076	0,294
CHR11	12821432	CHR11:12821432	SSF x LoA	-8,346	-0,029	0,279
CHR11	12821435	CHR11:12821435	SSF x LoA	-6,412	-0,031	0,286
CHR11	12821437	CHR11:12821437	SSF x LoA	-9,183	-0,058	0,286
CHR11	12833508	CHR11:12833508	SSF x LoA	-10,397	-0,047	0,301
CHR11	1283997	CHR11:1283997	SSF x LoA	-7,572	-0,042	0,299
CHR11	12841923	CHR11:12841923	SSF x LoA	-8,200	0,164	0,287
CHR11	12841985	CHR11:12841985	SSF x LoA	-8,658	0,051	0,273
CHR11	12841988	CHR11:12841988	SSF x LoA	-8,826	0,143	0,285
CHR11	12842009	CHR11:12842009	SSF x LoA	-10,254	-0,032	0,278
CHR11	12873570	CHR11:12873570	SSF x LoA	-9,855	-0,012	0,278
CHR11	12878753	CHR11:12878753	SSF x LoA	-7,706	-0,017	0,296
CHR11	12878791	CHR11:12878791	SSF x LoA	-8,368	-0,090	0,290
CHR11	12878801	CHR11:12878801	SSF x LoA	-5,658	0,017	0,307
CHR11	12897813	CHR11:12897813	SSF x LoA	-8,321	-0,066	0,293
CHR11	12897818	CHR11:12897818	SSF x LoA	-6,715	-0,123	0,302
CHR11	12897839	CHR11:12897839	SSF x LoA	-7,959	-0,094	0,283
CHR11	12897876	CHR11:12897876	SSF x LoA	-10,943	0,060	0,289
CHR11	12897993	CHR11:12897993	SSF x LoA	-7,171	0,163	0,280
CHR11	12912433	CHR11:12912433	SSF x LoA	-2,941	-0,123	0,291
CHR11	12912471	CHR11:12912471	SSF x LoA	-8,158	0,131	0,281
CHR11	12937486	CHR11:12937486	SSF x LoA	-7,562	0,063	0,296
CHR11	12954815	CHR11:12954815	SSF x LoA	-9,420	-0,078	0,293
CHR11	12954824	CHR11:12954824	SSF x LoA	-7,237	-0,080	0,281
CHR11	12956160	CHR11:12956160	SSF x LoA	-8,498	0,107	0,291
CHR11	12958763	CHR11:12958763	SSF x LoA	-9,935	-0,031	0,292
CHR11	12977628	CHR11:12977628	SSF x LoA	-9,858	-0,030	0,286
CHR11	12983254	CHR11:12983254	SSF x LoA	-8,067	-0,113	0,281
CHR11	12983346	CHR11:12983346	SSF x LoA	-9,816	0,047	0,286
CHR11	12986550	CHR11:12986550	SSF x LoA	-10,469	0,092	0,281
CHR11	12987731	CHR11:12987731	SSF x LoA	-9,208	-0,044	0,293
CHR11	12987778	CHR11:12987778	SSF x LoA	-8,658	-0,021	0,283
CHR11	12987840	CHR11:12987840	SSF x LoA	-7,225	-0,067	0,295
CHR11	12994437	CHR11:12994437	SSF x LoA	-8,432	0,111	0,267
CHR11	12994495	CHR11:12994495	SSF x LoA	-8,712	-0,176	0,277
CHR11	12994533	CHR11:12994533	SSF x LoA	-7,268	0,065	0,304

CHR11	12996142	CHR11:12996142	SSF x LoA	-3,182	-0,124	0,286
CHR11	12996147	CHR11:12996147	SSF x LoA	-4,543	0,135	0,282
CHR11	12996223	CHR11:12996223	SSF x LoA	-10,020	-0,080	0,299
CHR11	12996272	CHR11:12996272	SSF x LoA	-9,778	0,062	0,293
CHR11	13009915	CHR11:13009915	SSF x LoA	-4,411	-0,242	0,254
CHR11	13009968	CHR11:13009968	SSF x LoA	1,589	0,232	0,280
CHR11	13010044	CHR11:13010044	SSF x LoA	-10,815	-0,053	0,266
CHR11	13010049	CHR11:13010049	SSF x LoA	-7,113	-0,205	0,270
CHR11	13010202	CHR11:13010202	SSF x LoA	-6,164	-0,006	0,296
CHR11	13036020	CHR11:13036020	SSF x LoA	-8,403	-0,044	0,298
CHR11	13036028	CHR11:13036028	SSF x LoA	-7,268	-0,005	0,299
CHR11	13056965	CHR11:13056965	SSF x LoA	-9,415	-0,089	0,296
CHR11	13057046	CHR11:13057046	SSF x LoA	-9,468	0,020	0,281
CHR11	13057212	CHR11:13057212	SSF x LoA	-8,192	-0,012	0,276
CHR11	13067240	CHR11:13067240	SSF x LoA	-8,845	0,062	0,300
CHR11	13074118	CHR11:13074118	SSF x LoA	8,235	-0,058	0,299
CHR11	13074178	CHR11:13074178	SSF x LoA	-10,340	0,046	0,302
CHR11	13082467	CHR11:13082467	SSF x LoA	-10,867	0,093	0,291
CHR11	13085700	CHR11:13085700	SSF x LoA	-9,463	0,089	0,274
CHR11	13089425	CHR11:13089425	SSF x LoA	-6,912	0,049	0,301
CHR11	13090456	CHR11:13090456	SSF x LoA	-11,240	-0,051	0,277
CHR11	13093914	CHR11:13093914	SSF x LoA	-9,428	-0,062	0,274
CHR11	13094070	CHR11:13094070	SSF x LoA	-9,184	0,014	0,270
CHR11	13094080	CHR11:13094080	SSF x LoA	-8,611	0,035	0,296
CHR11	13094124	CHR11:13094124	SSF x LoA	-10,089	-0,006	0,285
CHR11	13097976	CHR11:13097976	SSF x LoA	-8,410	-0,030	0,272
CHR11	13100351	CHR11:13100351	SSF x LoA	-7,334	0,132	0,280
CHR11	13102724	CHR11:13102724	SSF x LoA	-10,459	0,074	0,273
CHR11	13102725	CHR11:13102725	SSF x LoA	-9,286	0,060	0,295
CHR11	13102752	CHR11:13102752	SSF x LoA	-9,893	0,027	0,298
CHR11	13102754	CHR11:13102754	SSF x LoA	-8,214	0,073	0,289
CHR11	13119941	CHR11:13119941	SSF x LoA	-7,585	0,128	0,288
CHR11	13135014	CHR11:13135014	SSF x LoA	-6,805	-0,098	0,298
CHR11	13135045	CHR11:13135045	SSF x LoA	-10,920	-0,102	0,279
CHR11	13135086	CHR11:13135086	SSF x LoA	-10,995	0,048	0,285
CHR11	13135097	CHR11:13135097	SSF x LoA	-8,595	0,004	0,300
CHR11	13135226	CHR11:13135226	SSF x LoA	-7,153	-0,068	0,298
CHR11	13149872	CHR11:13149872	SSF x LoA	-9,001	0,004	0,289
CHR11	13173217	CHR11:13173217	SSF x LoA	-7,626	-0,200	0,266
CHR11	13173401	CHR11:13173401	SSF x LoA	-6,499	-0,149	0,290
CHR11	13173445	CHR11:13173445	SSF x LoA	-8,655	-0,045	0,291
CHR11	13193061	CHR11:13193061	SSF x LoA	-3,632	0,181	0,289
CHR11	13201829	CHR11:13201829	SSF x LoA	-8,048	0,104	0,280
CHR11	13240564	CHR11:13240564	SSF x LoA	-7,700	-0,042	0,293
CHR11	13240645	CHR11:13240645	SSF x LoA	-6,093	0,165	0,282
CHR11	13240685	CHR11:13240685	SSF x LoA	-2,797	0,141	0,293
CHR11	13240691	CHR11:13240691	SSF x LoA	-7,070	0,148	0,278
CHR11	13240732	CHR11:13240732	SSF x LoA	-6,303	-0,045	0,291
CHR11	13240752	CHR11:13240752	SSF x LoA	-9,035	0,094	0,285
CHR11	13249660	CHR11:13249660	SSF x LoA	-7,360	0,006	0,300
CHR11	13249729	CHR11:13249729	SSF x LoA	-8,110	0,021	0,290
CHR11	13269633	CHR11:13269633	SSF x LoA	-9,655	0,052	0,293
CHR11	13269662	CHR11:13269662	SSF x LoA	-10,218	0,020	0,296

CHR11	13269664	CHR11:13269664	SSF x LoA	-10,545	0,023	0,280
CHR11	13274602	CHR11:13274602	SSF x LoA	-8,731	0,084	0,294
CHR11	13274669	CHR11:13274669	SSF x LoA	-7,999	0,015	0,294
CHR11	13274702	CHR11:13274702	SSF x LoA	-10,600	0,025	0,293
CHR11	13274763	CHR11:13274763	SSF x LoA	-8,457	0,072	0,298
CHR11	13274783	CHR11:13274783	SSF x LoA	-8,650	0,003	0,281
CHR11	13283128	CHR11:13283128	SSF x LoA	-9,913	-0,042	0,276
CHR11	13283224	CHR11:13283224	SSF x LoA	-8,083	-0,051	0,300
CHR11	13283280	CHR11:13283280	SSF x LoA	-9,077	0,025	0,296
CHR11	13283287	CHR11:13283287	SSF x LoA	-6,704	0,008	0,287
CHR11	13283350	CHR11:13283350	SSF x LoA	-8,530	-0,077	0,302
CHR11	13283370	CHR11:13283370	SSF x LoA	-7,628	0,034	0,294
CHR11	13283371	CHR11:13283371	SSF x LoA	-8,344	-0,073	0,297
CHR11	13283416	CHR11:13283416	SSF x LoA	-6,169	0,006	0,287
CHR11	13284641	CHR11:13284641	SSF x LoA	-8,033	0,085	0,290
CHR11	13303221	CHR11:13303221	SSF x LoA	-10,160	-0,077	0,299
CHR11	13312581	CHR11:13312581	SSF x LoA	-9,662	-0,012	0,288
CHR11	13312620	CHR11:13312620	SSF x LoA	-10,373	0,005	0,291
CHR11	13319998	CHR11:13319998	SSF x LoA	-7,414	-0,037	0,300
CHR11	13320041	CHR11:13320041	SSF x LoA	-8,667	0,002	0,291
CHR11	13320043	CHR11:13320043	SSF x LoA	-8,326	0,114	0,289
CHR11	13320075	CHR11:13320075	SSF x LoA	-9,302	-0,078	0,294
CHR11	13320076	CHR11:13320076	SSF x LoA	-8,867	-0,127	0,283
CHR11	13320153	CHR11:13320153	SSF x LoA	-9,333	-0,098	0,268
CHR11	13327776	CHR11:13327776	SSF x LoA	-9,822	-0,029	0,288
CHR11	13327924	CHR11:13327924	SSF x LoA	-7,444	0,085	0,290
CHR11	13331180	CHR11:13331180	SSF x LoA	-10,009	-0,127	0,290
CHR11	13331231	CHR11:13331231	SSF x LoA	-2,116	-0,053	0,291
CHR11	13366251	CHR11:13366251	SSF x LoA	-10,684	0,046	0,290
CHR11	13366356	CHR11:13366356	SSF x LoA	-7,516	0,118	0,287
CHR11	13366358	CHR11:13366358	SSF x LoA	-7,583	-0,085	0,282
CHR11	13370103	CHR11:13370103	SSF x LoA	-10,318	0,061	0,299
CHR11	13370128	CHR11:13370128	SSF x LoA	-7,044	-0,054	0,298
CHR11	13370143	CHR11:13370143	SSF x LoA	-9,440	0,043	0,291
CHR11	13379689	CHR11:13379689	SSF x LoA	-9,852	-0,091	0,282
CHR11	13379777	CHR11:13379777	SSF x LoA	-8,032	-0,146	0,276
CHR11	13384379	CHR11:13384379	SSF x LoA	-10,148	-0,056	0,269
CHR11	13384407	CHR11:13384407	SSF x LoA	-8,244	0,071	0,280
CHR11	13384487	CHR11:13384487	SSF x LoA	-7,238	0,130	0,273
CHR11	13384607	CHR11:13384607	SSF x LoA	-8,435	0,059	0,298
CHR11	13384609	CHR11:13384609	SSF x LoA	-9,832	-0,054	0,297
CHR11	13388545	CHR11:13388545	SSF x LoA	-10,760	-0,037	0,274
CHR11	13390495	CHR11:13390495	SSF x LoA	-8,635	0,050	0,286
CHR11	1340922	CHR11:1340922	SSF x LoA	-6,870	0,137	0,293
CHR11	1340953	CHR11:1340953	SSF x LoA	-4,681	0,117	0,282
CHR11	1341059	CHR11:1341059	SSF x LoA	-11,361	0,066	0,280
CHR11	13410887	CHR11:13410887	SSF x LoA	-10,400	0,035	0,296
CHR11	13410888	CHR11:13410888	SSF x LoA	-6,825	-0,106	0,278
CHR11	13411121	CHR11:13411121	SSF x LoA	-9,915	0,020	0,293
CHR11	13411190	CHR11:13411190	SSF x LoA	-8,602	0,041	0,300
CHR11	1341153	CHR11:1341153	SSF x LoA	-10,590	0,075	0,292
CHR11	1341196	CHR11:1341196	SSF x LoA	-9,465	-0,016	0,302
CHR11	1341238	CHR11:1341238	SSF x LoA	-5,166	0,121	0,284

CHR11	1341301	CHR11:1341301	SSF x LoA	-10,030	0,021	0,293
CHR11	1341302	CHR11:1341302	SSF x LoA	-9,657	-0,020	0,293
CHR11	1341303	CHR11:1341303	SSF x LoA	-10,374	-0,014	0,287
CHR11	1341309	CHR11:1341309	SSF x LoA	-6,975	-0,021	0,302
CHR11	1341423	CHR11:1341423	SSF x LoA	-10,767	0,048	0,292
CHR11	13422938	CHR11:13422938	SSF x LoA	-8,315	0,060	0,289
CHR11	13422973	CHR11:13422973	SSF x LoA	-1,940	0,210	0,289
CHR11	13422999	CHR11:13422999	SSF x LoA	-9,118	-0,070	0,306
CHR11	13455643	CHR11:13455643	SSF x LoA	-9,186	-0,096	0,276
CHR11	13471714	CHR11:13471714	SSF x LoA	-5,353	-0,153	0,277
CHR11	13471834	CHR11:13471834	SSF x LoA	-3,426	-0,206	0,272
CHR11	1348639	CHR11:1348639	SSF x LoA	-8,740	-0,125	0,277
CHR11	13487173	CHR11:13487173	SSF x LoA	-8,410	-0,055	0,283
CHR11	1348721	CHR11:1348721	SSF x LoA	-2,853	0,142	0,274
CHR11	13487224	CHR11:13487224	SSF x LoA	-8,366	-0,018	0,304
CHR11	1348725	CHR11:1348725	SSF x LoA	-10,142	0,019	0,281
CHR11	1348884	CHR11:1348884	SSF x LoA	-10,267	-0,124	0,277
CHR11	13491404	CHR11:13491404	SSF x LoA	-9,694	0,026	0,295
CHR11	13491442	CHR11:13491442	SSF x LoA	-8,612	0,104	0,264
CHR11	13491520	CHR11:13491520	SSF x LoA	-7,703	-0,119	0,289
CHR11	13498189	CHR11:13498189	SSF x LoA	-6,227	0,120	0,289
CHR11	13522998	CHR11:13522998	SSF x LoA	-8,388	-0,091	0,278
CHR11	13523027	CHR11:13523027	SSF x LoA	-7,889	0,109	0,291
CHR11	13524519	CHR11:13524519	SSF x LoA	-10,507	-0,007	0,291
CHR11	13525732	CHR11:13525732	SSF x LoA	-8,273	0,033	0,294
CHR11	13530428	CHR11:13530428	SSF x LoA	-7,343	-0,029	0,290
CHR11	13530678	CHR11:13530678	SSF x LoA	-10,237	-0,022	0,285
CHR11	13530733	CHR11:13530733	SSF x LoA	-9,728	0,070	0,295
CHR11	13532338	CHR11:13532338	SSF x LoA	-8,313	0,008	0,289
CHR11	13532373	CHR11:13532373	SSF x LoA	-11,034	-0,007	0,293
CHR11	13532555	CHR11:13532555	SSF x LoA	-7,781	0,011	0,282
CHR11	13532568	CHR11:13532568	SSF x LoA	-7,146	0,001	0,288
CHR11	13551658	CHR11:13551658	SSF x LoA	-9,239	0,071	0,281
CHR11	13556815	CHR11:13556815	SSF x LoA	-8,294	-0,022	0,290
CHR11	13557949	CHR11:13557949	SSF x LoA	-8,027	-0,086	0,281
CHR11	13558206	CHR11:13558206	SSF x LoA	-10,346	-0,080	0,296
CHR11	13558250	CHR11:13558250	SSF x LoA	-7,806	-0,016	0,292
CHR11	13583092	CHR11:13583092	SSF x LoA	-6,057	-0,145	0,292
CHR11	13583141	CHR11:13583141	SSF x LoA	-6,755	0,182	0,280
CHR11	13585760	CHR11:13585760	SSF x LoA	-8,680	0,082	0,276
CHR11	13585821	CHR11:13585821	SSF x LoA	-10,554	0,025	0,290
CHR11	13585839	CHR11:13585839	SSF x LoA	-8,108	0,017	0,295
CHR11	13585894	CHR11:13585894	SSF x LoA	-10,284	0,025	0,282
CHR11	13585901	CHR11:13585901	SSF x LoA	-10,255	0,047	0,288
CHR11	13591850	CHR11:13591850	SSF x LoA	-6,625	0,042	0,271
CHR11	13591897	CHR11:13591897	SSF x LoA	-6,374	0,059	0,281
CHR11	13597312	CHR11:13597312	SSF x LoA	-9,217	0,040	0,285
CHR11	13597481	CHR11:13597481	SSF x LoA	-7,742	-0,038	0,288
CHR11	13597487	CHR11:13597487	SSF x LoA	-6,359	0,078	0,287
CHR11	13620948	CHR11:13620948	SSF x LoA	-9,526	-0,152	0,279
CHR11	13621004	CHR11:13621004	SSF x LoA	-8,332	0,029	0,299
CHR11	13621033	CHR11:13621033	SSF x LoA	-8,272	0,122	0,284
CHR11	13623553	CHR11:13623553	SSF x LoA	-6,451	0,072	0,288

CHR11	13623693	CHR11:13623693	SSF x LoA	-6,996	-0,164	0,271
CHR11	13635758	CHR11:13635758	SSF x LoA	-7,795	0,115	0,285
CHR11	13635810	CHR11:13635810	SSF x LoA	-8,247	0,022	0,271
CHR11	13648532	CHR11:13648532	SSF x LoA	-1,858	-0,237	0,275
CHR11	13648575	CHR11:13648575	SSF x LoA	0,401	-0,191	0,282
CHR11	13648594	CHR11:13648594	SSF x LoA	-7,057	-0,099	0,282
CHR11	13648613	CHR11:13648613	SSF x LoA	-8,487	0,060	0,287
CHR11	13648653	CHR11:13648653	SSF x LoA	-8,517	0,069	0,291
CHR11	1365180	CHR11:1365180	SSF x LoA	-5,547	0,123	0,271
CHR11	13658201	CHR11:13658201	SSF x LoA	-5,074	0,146	0,266
CHR11	13658276	CHR11:13658276	SSF x LoA	-8,487	-0,092	0,284
CHR11	13689827	CHR11:13689827	SSF x LoA	-8,146	0,031	0,298
CHR11	13690058	CHR11:13690058	SSF x LoA	-7,854	-0,140	0,274
CHR11	13714372	CHR11:13714372	SSF x LoA	-8,218	-0,007	0,287
CHR11	13714379	CHR11:13714379	SSF x LoA	-8,854	-0,009	0,305
CHR11	13714465	CHR11:13714465	SSF x LoA	-10,338	0,013	0,295
CHR11	13714564	CHR11:13714564	SSF x LoA	-10,223	0,020	0,287
CHR11	13714733	CHR11:13714733	SSF x LoA	-7,047	0,126	0,279
CHR11	1371546	CHR11:1371546	SSF x LoA	-10,217	-0,021	0,293
CHR11	1371737	CHR11:1371737	SSF x LoA	-10,686	0,107	0,285
CHR11	1371824	CHR11:1371824	SSF x LoA	-9,073	0,066	0,310
CHR11	1371907	CHR11:1371907	SSF x LoA	-3,912	-0,173	0,275
CHR11	1371921	CHR11:1371921	SSF x LoA	-9,111	0,068	0,297
CHR11	13719222	CHR11:13719222	SSF x LoA	-8,406	-0,171	0,272
CHR11	13719228	CHR11:13719228	SSF x LoA	-8,758	-0,136	0,276
CHR11	13727853	CHR11:13727853	SSF x LoA	-8,808	0,081	0,295
CHR11	13729637	CHR11:13729637	SSF x LoA	-9,771	-0,021	0,289
CHR11	13729639	CHR11:13729639	SSF x LoA	-7,492	0,121	0,279
CHR11	13729649	CHR11:13729649	SSF x LoA	-7,864	-0,163	0,277
CHR11	13734146	CHR11:13734146	SSF x LoA	-9,274	-0,085	0,297
CHR11	13734188	CHR11:13734188	SSF x LoA	-9,127	-0,092	0,292
CHR11	13734213	CHR11:13734213	SSF x LoA	-10,622	0,006	0,297
CHR11	13735543	CHR11:13735543	SSF x LoA	-10,660	-0,035	0,288
CHR11	13735547	CHR11:13735547	SSF x LoA	-5,724	0,063	0,291
CHR11	13735566	CHR11:13735566	SSF x LoA	-6,281	-0,186	0,285
CHR11	13738278	CHR11:13738278	SSF x LoA	-10,000	-0,154	0,274
CHR11	13749982	CHR11:13749982	SSF x LoA	-8,645	-0,007	0,291
CHR11	13756621	CHR11:13756621	SSF x LoA	-7,136	0,086	0,285
CHR11	13756631	CHR11:13756631	SSF x LoA	-7,438	-0,070	0,283
CHR11	13779079	CHR11:13779079	SSF x LoA	-5,323	0,189	0,272
CHR11	13795251	CHR11:13795251	SSF x LoA	-9,554	0,015	0,307
CHR11	13799596	CHR11:13799596	SSF x LoA	-9,138	0,134	0,288
CHR11	13823288	CHR11:13823288	SSF x LoA	-9,439	0,113	0,295
CHR11	13846803	CHR11:13846803	SSF x LoA	-9,013	0,015	0,269
CHR11	13846883	CHR11:13846883	SSF x LoA	-8,751	0,081	0,283
CHR11	1386271	CHR11:1386271	SSF x LoA	-8,304	-0,013	0,292
CHR11	1386334	CHR11:1386334	SSF x LoA	-7,570	-0,035	0,285
CHR11	13871523	CHR11:13871523	SSF x LoA	-9,035	0,006	0,276
CHR11	13871524	CHR11:13871524	SSF x LoA	-9,829	0,027	0,282
CHR11	13873550	CHR11:13873550	SSF x LoA	-10,793	0,012	0,292
CHR11	13887726	CHR11:13887726	SSF x LoA	-9,330	0,092	0,304
CHR11	13887727	CHR11:13887727	SSF x LoA	-8,368	-0,050	0,280
CHR11	13887770	CHR11:13887770	SSF x LoA	-9,907	-0,086	0,280

CHR11	13887922	CHR11:13887922	SSF x LoA	-11,226	0,101	0,286
CHR11	13887973	CHR11:13887973	SSF x LoA	-9,525	-0,010	0,289
CHR11	13894874	CHR11:13894874	SSF x LoA	-4,950	0,130	0,285
CHR11	13894882	CHR11:13894882	SSF x LoA	-8,111	0,083	0,286
CHR11	13894893	CHR11:13894893	SSF x LoA	-8,605	0,031	0,296
CHR11	13894900	CHR11:13894900	SSF x LoA	-7,060	-0,031	0,298
CHR11	13894924	CHR11:13894924	SSF x LoA	-8,380	0,007	0,290
CHR11	13894949	CHR11:13894949	SSF x LoA	-8,045	-0,064	0,305
CHR11	13894991	CHR11:13894991	SSF x LoA	-7,023	-0,005	0,293
CHR11	13895018	CHR11:13895018	SSF x LoA	-10,386	-0,029	0,306
CHR11	13895088	CHR11:13895088	SSF x LoA	-8,258	-0,044	0,297
CHR11	13895102	CHR11:13895102	SSF x LoA	-7,859	-0,058	0,316
CHR11	13896622	CHR11:13896622	SSF x LoA	-8,493	-0,065	0,291
CHR11	13896721	CHR11:13896721	SSF x LoA	-8,678	-0,001	0,300
CHR11	13897621	CHR11:13897621	SSF x LoA	-5,176	0,190	0,272
CHR11	13897646	CHR11:13897646	SSF x LoA	-3,176	0,149	0,289
CHR11	13897648	CHR11:13897648	SSF x LoA	-6,816	0,160	0,277
CHR11	13897654	CHR11:13897654	SSF x LoA	-7,297	-0,143	0,274
CHR11	13903077	CHR11:13903077	SSF x LoA	-8,565	0,100	0,275
CHR11	13903159	CHR11:13903159	SSF x LoA	-7,628	-0,152	0,277
CHR11	13904312	CHR11:13904312	SSF x LoA	-6,940	-0,023	0,295
CHR11	13907013	CHR11:13907013	SSF x LoA	-9,433	0,118	0,287
CHR11	13928047	CHR11:13928047	SSF x LoA	-9,061	-0,060	0,285
CHR11	13928107	CHR11:13928107	SSF x LoA	-7,919	-0,137	0,276
CHR11	13928110	CHR11:13928110	SSF x LoA	-7,279	0,131	0,305
CHR11	13928150	CHR11:13928150	SSF x LoA	-8,153	0,069	0,304
CHR11	13928183	CHR11:13928183	SSF x LoA	-7,718	0,168	0,275
CHR11	13928189	CHR11:13928189	SSF x LoA	-9,685	-0,136	0,279
CHR11	13928205	CHR11:13928205	SSF x LoA	-4,929	-0,081	0,291
CHR11	13928209	CHR11:13928209	SSF x LoA	-9,836	-0,127	0,277
CHR11	13937220	CHR11:13937220	SSF x LoA	-9,385	-0,008	0,277
CHR11	13937306	CHR11:13937306	SSF x LoA	-9,887	0,049	0,276
CHR11	13937333	CHR11:13937333	SSF x LoA	-10,517	0,010	0,301
CHR11	13937419	CHR11:13937419	SSF x LoA	-9,531	-0,072	0,270
CHR11	13953660	CHR11:13953660	SSF x LoA	-10,693	0,044	0,281
CHR11	13955433	CHR11:13955433	SSF x LoA	-8,914	-0,151	0,270
CHR11	13955514	CHR11:13955514	SSF x LoA	-9,605	0,000	0,298
CHR11	13955528	CHR11:13955528	SSF x LoA	-6,276	0,125	0,298
CHR11	13955588	CHR11:13955588	SSF x LoA	-6,313	0,094	0,270
CHR11	13964130	CHR11:13964130	SSF x LoA	1,663	-0,056	0,308
CHR11	13964152	CHR11:13964152	SSF x LoA	-8,929	0,009	0,288
CHR11	13968799	CHR11:13968799	SSF x LoA	-2,986	-0,167	0,284
CHR11	13973036	CHR11:13973036	SSF x LoA	-8,211	0,118	0,286
CHR11	13973087	CHR11:13973087	SSF x LoA	-7,907	-0,058	0,296
CHR11	13998792	CHR11:13998792	SSF x LoA	-10,911	0,066	0,274
CHR11	13998807	CHR11:13998807	SSF x LoA	-11,082	-0,109	0,268
CHR11	13998822	CHR11:13998822	SSF x LoA	-10,026	0,041	0,279
CHR11	13998831	CHR11:13998831	SSF x LoA	-7,386	0,057	0,291
CHR11	13998832	CHR11:13998832	SSF x LoA	-6,710	-0,013	0,297
CHR11	13998855	CHR11:13998855	SSF x LoA	-9,982	0,033	0,267
CHR11	13998919	CHR11:13998919	SSF x LoA	-6,879	0,148	0,273
CHR11	14015305	CHR11:14015305	SSF x LoA	-9,870	0,068	0,295
CHR11	14028662	CHR11:14028662	SSF x LoA	-6,708	-0,155	0,281

CHR11	14028708	CHR11:14028708	SSF x LoA	-4,493	-0,197	0,284
CHR11	14028749	CHR11:14028749	SSF x LoA	-9,409	-0,075	0,292
CHR11	14028838	CHR11:14028838	SSF x LoA	-8,880	-0,040	0,292
CHR11	14028954	CHR11:14028954	SSF x LoA	-7,846	-0,159	0,278
CHR11	14035303	CHR11:14035303	SSF x LoA	-8,505	0,114	0,288
CHR11	14043307	CHR11:14043307	SSF x LoA	-9,433	-0,078	0,283
CHR11	14043482	CHR11:14043482	SSF x LoA	-9,863	-0,034	0,287
CHR11	14048213	CHR11:14048213	SSF x LoA	-6,428	-0,153	0,283
CHR11	14048214	CHR11:14048214	SSF x LoA	-7,929	0,052	0,293
CHR11	14048234	CHR11:14048234	SSF x LoA	-5,819	0,235	0,267
CHR11	14048286	CHR11:14048286	SSF x LoA	-9,498	-0,019	0,284
CHR11	14048294	CHR11:14048294	SSF x LoA	-8,290	-0,092	0,271
CHR11	14048324	CHR11:14048324	SSF x LoA	-9,178	-0,029	0,297
CHR11	14055723	CHR11:14055723	SSF x LoA	-10,822	0,057	0,298
CHR11	14055788	CHR11:14055788	SSF x LoA	-9,785	0,068	0,291
CHR11	14064348	CHR11:14064348	SSF x LoA	-9,135	0,048	0,288
CHR11	14065201	CHR11:14065201	SSF x LoA	-8,843	0,108	0,277
CHR11	14097904	CHR11:14097904	SSF x LoA	-8,737	0,109	0,274
CHR11	14098117	CHR11:14098117	SSF x LoA	-11,759	-0,017	0,279
CHR11	14124437	CHR11:14124437	SSF x LoA	-8,441	0,026	0,296
CHR11	14133483	CHR11:14133483	SSF x LoA	-9,271	0,095	0,286
CHR11	14168369	CHR11:14168369	SSF x LoA	-7,839	0,148	0,281
CHR11	14168561	CHR11:14168561	SSF x LoA	-9,052	0,106	0,292
CHR11	14168576	CHR11:14168576	SSF x LoA	-6,735	-0,052	0,292
CHR11	14168614	CHR11:14168614	SSF x LoA	-7,103	-0,170	0,283
CHR11	14181750	CHR11:14181750	SSF x LoA	-10,374	0,012	0,295
CHR11	1418414	CHR11:1418414	SSF x LoA	-9,041	-0,042	0,293
CHR11	14184630	CHR11:14184630	SSF x LoA	-6,668	-0,145	0,303
CHR11	1418701	CHR11:1418701	SSF x LoA	-6,604	0,067	0,289
CHR11	1418812	CHR11:1418812	SSF x LoA	-8,352	0,084	0,292
CHR11	14191073	CHR11:14191073	SSF x LoA	-7,017	-0,124	0,292
CHR11	14191254	CHR11:14191254	SSF x LoA	-7,564	-0,117	0,274
CHR11	14191257	CHR11:14191257	SSF x LoA	-6,959	-0,057	0,303
CHR11	14191261	CHR11:14191261	SSF x LoA	-9,550	-0,116	0,290
CHR11	14197850	CHR11:14197850	SSF x LoA	-8,553	0,032	0,299
CHR11	14204793	CHR11:14204793	SSF x LoA	-9,852	-0,100	0,281
CHR11	1422594	CHR11:1422594	SSF x LoA	-7,116	0,141	0,283
CHR11	1422611	CHR11:1422611	SSF x LoA	-5,911	0,027	0,312
CHR11	14226536	CHR11:14226536	SSF x LoA	-10,109	0,019	0,278
CHR11	14226544	CHR11:14226544	SSF x LoA	-5,663	0,014	0,294
CHR11	14226563	CHR11:14226563	SSF x LoA	-8,085	-0,057	0,295
CHR11	14226654	CHR11:14226654	SSF x LoA	-10,593	0,001	0,283
CHR11	14226657	CHR11:14226657	SSF x LoA	-8,684	-0,012	0,286
CHR11	14240962	CHR11:14240962	SSF x LoA	-11,502	-0,016	0,286
CHR11	14252930	CHR11:14252930	SSF x LoA	-8,527	-0,022	0,287
CHR11	1425434	CHR11:1425434	SSF x LoA	-9,776	-0,130	0,281
CHR11	1425506	CHR11:1425506	SSF x LoA	-10,121	-0,125	0,291
CHR11	14255844	CHR11:14255844	SSF x LoA	-8,450	-0,003	0,296
CHR11	14255939	CHR11:14255939	SSF x LoA	-10,018	-0,046	0,287
CHR11	1429769	CHR11:1429769	SSF x LoA	-6,240	0,157	0,288
CHR11	1429965	CHR11:1429965	SSF x LoA	-8,078	-0,092	0,292
CHR11	1430050	CHR11:1430050	SSF x LoA	-3,129	-0,097	0,298
CHR11	1436675	CHR11:1436675	SSF x LoA	-8,699	0,036	0,294

CHR11	1436771	CHR11:1436771	SSF x LoA	-7,942	0,098	0,290
CHR11	1436959	CHR11:1436959	SSF x LoA	-7,462	0,018	0,295
CHR11	1437007	CHR11:1437007	SSF x LoA	-9,090	-0,062	0,300
CHR11	1437009	CHR11:1437009	SSF x LoA	-9,820	0,008	0,301
CHR11	1437014	CHR11:1437014	SSF x LoA	-9,842	0,018	0,292
CHR11	1437020	CHR11:1437020	SSF x LoA	-9,397	-0,016	0,300
CHR11	1437075	CHR11:1437075	SSF x LoA	-9,310	-0,065	0,287
CHR11	1437083	CHR11:1437083	SSF x LoA	-6,694	0,166	0,279
CHR11	1446375	CHR11:1446375	SSF x LoA	-7,711	0,147	0,285
CHR11	1446471	CHR11:1446471	SSF x LoA	-9,076	0,061	0,282
CHR11	1446526	CHR11:1446526	SSF x LoA	-7,739	-0,037	0,287
CHR11	1446564	CHR11:1446564	SSF x LoA	-9,642	0,081	0,282
CHR11	1471807	CHR11:1471807	SSF x LoA	-9,870	0,006	0,288
CHR11	1471896	CHR11:1471896	SSF x LoA	-7,138	0,059	0,295
CHR11	1471929	CHR11:1471929	SSF x LoA	-7,498	0,080	0,273
CHR11	1471945	CHR11:1471945	SSF x LoA	-9,535	-0,079	0,280
CHR11	1474826	CHR11:1474826	SSF x LoA	-9,216	0,100	0,302
CHR11	1475109	CHR11:1475109	SSF x LoA	-8,991	0,004	0,297
CHR11	1475121	CHR11:1475121	SSF x LoA	-10,644	-0,002	0,294
CHR11	1475122	CHR11:1475122	SSF x LoA	-7,434	0,052	0,299
CHR11	1475141	CHR11:1475141	SSF x LoA	-9,616	0,093	0,299
CHR11	1475169	CHR11:1475169	SSF x LoA	-10,023	0,095	0,293
CHR11	1490029	CHR11:1490029	SSF x LoA	-6,921	0,161	0,292
CHR11	1507999	CHR11:1507999	SSF x LoA	-9,289	0,099	0,298
CHR11	1508000	CHR11:1508000	SSF x LoA	-9,654	0,091	0,284
CHR11	1508009	CHR11:1508009	SSF x LoA	-9,148	-0,111	0,264
CHR11	1515204	CHR11:1515204	SSF x LoA	-10,133	0,049	0,293
CHR11	1515206	CHR11:1515206	SSF x LoA	-7,749	-0,040	0,293
CHR11	1515210	CHR11:1515210	SSF x LoA	-6,212	0,020	0,293
CHR11	1515226	CHR11:1515226	SSF x LoA	-9,447	-0,075	0,288
CHR11	1515322	CHR11:1515322	SSF x LoA	-10,222	0,067	0,290
CHR11	1515339	CHR11:1515339	SSF x LoA	-7,873	0,106	0,282
CHR11	1515341	CHR11:1515341	SSF x LoA	-7,384	0,136	0,276
CHR11	1515356	CHR11:1515356	SSF x LoA	-0,195	0,016	0,282
CHR11	1515371	CHR11:1515371	SSF x LoA	-7,494	0,083	0,291
CHR11	1515378	CHR11:1515378	SSF x LoA	-3,299	-0,140	0,287
CHR11	1515423	CHR11:1515423	SSF x LoA	-7,515	0,180	0,276
CHR11	1515525	CHR11:1515525	SSF x LoA	-9,048	0,101	0,294
CHR11	1515539	CHR11:1515539	SSF x LoA	-4,454	-0,264	0,260
CHR11	1515541	CHR11:1515541	SSF x LoA	-5,926	-0,237	0,266
CHR11	1515546	CHR11:1515546	SSF x LoA	-4,243	-0,025	0,285
CHR11	1538360	CHR11:1538360	SSF x LoA	-6,134	0,170	0,283
CHR11	1538393	CHR11:1538393	SSF x LoA	-7,374	-0,064	0,274
CHR11	1547019	CHR11:1547019	SSF x LoA	-10,860	0,111	0,273
CHR11	1547039	CHR11:1547039	SSF x LoA	-8,406	-0,028	0,287
CHR11	1547043	CHR11:1547043	SSF x LoA	-8,114	-0,086	0,284
CHR11	1547146	CHR11:1547146	SSF x LoA	-7,492	-0,077	0,282
CHR11	1547277	CHR11:1547277	SSF x LoA	-9,891	0,127	0,280
CHR11	1547279	CHR11:1547279	SSF x LoA	-7,417	0,077	0,288
CHR11	1550997	CHR11:1550997	SSF x LoA	-9,542	0,052	0,287
CHR11	1551191	CHR11:1551191	SSF x LoA	0,273	0,066	0,301
CHR11	1551195	CHR11:1551195	SSF x LoA	-9,143	0,017	0,281
CHR11	1551197	CHR11:1551197	SSF x LoA	-11,746	0,028	0,288

CHR11	1551217	CHR11:1551217	SSF x LoA	-8,946	-0,003	0,308
CHR11	1576342	CHR11:1576342	SSF x LoA	-9,463	0,086	0,284
CHR11	1576382	CHR11:1576382	SSF x LoA	-0,574	0,040	0,298
CHR11	1576461	CHR11:1576461	SSF x LoA	-8,648	0,006	0,281
CHR11	15812545	CHR11:15812545	SSF x LoA	-9,331	-0,083	0,281
CHR11	158800	CHR11:158800	SSF x LoA	-5,034	0,053	0,307
CHR11	158853	CHR11:158853	SSF x LoA	-9,114	0,047	0,297
CHR11	158922	CHR11:158922	SSF x LoA	-5,028	-0,174	0,287
CHR11	1592108	CHR11:1592108	SSF x LoA	-9,567	0,074	0,275
CHR11	1592154	CHR11:1592154	SSF x LoA	-9,826	0,016	0,288
CHR11	1592299	CHR11:1592299	SSF x LoA	-11,602	0,013	0,266
CHR11	1592454	CHR11:1592454	SSF x LoA	-8,999	-0,029	0,291
CHR11	1592467	CHR11:1592467	SSF x LoA	-8,428	0,136	0,285
CHR11	1602586	CHR11:1602586	SSF x LoA	-7,257	-0,156	0,290
CHR11	1602595	CHR11:1602595	SSF x LoA	-8,604	-0,155	0,288
CHR11	1602607	CHR11:1602607	SSF x LoA	-9,681	-0,148	0,273
CHR11	1610785	CHR11:1610785	SSF x LoA	-9,986	-0,057	0,302
CHR11	16342067	CHR11:16342067	SSF x LoA	-7,234	-0,123	0,293
CHR11	16364658	CHR11:16364658	SSF x LoA	-10,945	0,008	0,289
CHR11	16364726	CHR11:16364726	SSF x LoA	-7,374	0,061	0,296
CHR11	16379096	CHR11:16379096	SSF x LoA	-9,830	0,015	0,276
CHR11	16415974	CHR11:16415974	SSF x LoA	-7,890	0,010	0,293
CHR11	16424772	CHR11:16424772	SSF x LoA	-7,521	0,070	0,294
CHR11	16424819	CHR11:16424819	SSF x LoA	-7,483	0,046	0,306
CHR11	16425000	CHR11:16425000	SSF x LoA	-7,678	-0,138	0,275
CHR11	16425020	CHR11:16425020	SSF x LoA	-7,484	-0,113	0,275
CHR11	16425069	CHR11:16425069	SSF x LoA	-8,042	-0,060	0,287
CHR11	16443921	CHR11:16443921	SSF x LoA	-9,516	-0,074	0,281
CHR11	16444054	CHR11:16444054	SSF x LoA	-8,187	-0,098	0,289
CHR11	16446394	CHR11:16446394	SSF x LoA	-8,126	-0,066	0,290
CHR11	16446404	CHR11:16446404	SSF x LoA	-9,080	-0,062	0,297
CHR11	16448519	CHR11:16448519	SSF x LoA	-9,482	0,009	0,298
CHR11	16448578	CHR11:16448578	SSF x LoA	-6,751	0,023	0,286
CHR11	16448749	CHR11:16448749	SSF x LoA	-9,154	0,002	0,297
CHR11	16448750	CHR11:16448750	SSF x LoA	-9,317	-0,056	0,290
CHR11	16467889	CHR11:16467889	SSF x LoA	-10,420	-0,030	0,282
CHR11	16467917	CHR11:16467917	SSF x LoA	-7,133	-0,089	0,290
CHR11	16467944	CHR11:16467944	SSF x LoA	-10,078	-0,059	0,286
CHR11	16483171	CHR11:16483171	SSF x LoA	-8,095	-0,102	0,289
CHR11	16483188	CHR11:16483188	SSF x LoA	-9,039	-0,062	0,282
CHR11	16483238	CHR11:16483238	SSF x LoA	-10,554	-0,020	0,293
CHR11	16483270	CHR11:16483270	SSF x LoA	-3,379	-0,207	0,273
CHR11	16483346	CHR11:16483346	SSF x LoA	1,968	-0,171	0,273
CHR11	16483372	CHR11:16483372	SSF x LoA	-5,399	-0,225	0,260
CHR11	16484435	CHR11:16484435	SSF x LoA	-9,979	-0,086	0,286
CHR11	16484472	CHR11:16484472	SSF x LoA	-7,673	-0,123	0,281
CHR11	16484584	CHR11:16484584	SSF x LoA	-8,104	-0,103	0,284
CHR11	16543517	CHR11:16543517	SSF x LoA	-8,731	-0,031	0,281
CHR11	16543556	CHR11:16543556	SSF x LoA	-8,991	-0,059	0,291
CHR11	16543567	CHR11:16543567	SSF x LoA	-9,609	0,032	0,286
CHR11	16543597	CHR11:16543597	SSF x LoA	-8,725	-0,079	0,287
CHR11	16543622	CHR11:16543622	SSF x LoA	-9,158	-0,069	0,280
CHR11	16543637	CHR11:16543637	SSF x LoA	-7,593	-0,119	0,282

CHR11	16543667	CHR11:16543667	SSF x LoA	-8,830	-0,020	0,287
CHR11	16543756	CHR11:16543756	SSF x LoA	-7,140	-0,032	0,297
CHR11	16543758	CHR11:16543758	SSF x LoA	-7,994	0,034	0,292
CHR11	16546571	CHR11:16546571	SSF x LoA	-7,276	0,099	0,289
CHR11	16546600	CHR11:16546600	SSF x LoA	-7,004	-0,096	0,286
CHR11	16546661	CHR11:16546661	SSF x LoA	-7,310	-0,083	0,283
CHR11	16585842	CHR11:16585842	SSF x LoA	-9,107	-0,020	0,298
CHR11	16585882	CHR11:16585882	SSF x LoA	-3,922	-0,101	0,301
CHR11	16585910	CHR11:16585910	SSF x LoA	-8,820	-0,007	0,312
CHR11	16585962	CHR11:16585962	SSF x LoA	-7,959	-0,073	0,289
CHR11	16585988	CHR11:16585988	SSF x LoA	-3,387	-0,067	0,290
CHR11	16587508	CHR11:16587508	SSF x LoA	-7,862	0,111	0,298
CHR11	16587588	CHR11:16587588	SSF x LoA	-8,845	-0,059	0,293
CHR11	16587618	CHR11:16587618	SSF x LoA	-10,691	-0,084	0,283
CHR11	16596339	CHR11:16596339	SSF x LoA	-8,576	0,013	0,298
CHR11	16596340	CHR11:16596340	SSF x LoA	-9,235	0,021	0,287
CHR11	16596440	CHR11:16596440	SSF x LoA	-7,073	-0,091	0,298
CHR11	16596444	CHR11:16596444	SSF x LoA	-10,567	-0,088	0,280
CHR11	16610141	CHR11:16610141	SSF x LoA	-7,961	-0,029	0,281
CHR11	16610213	CHR11:16610213	SSF x LoA	-8,546	-0,042	0,287
CHR11	16613819	CHR11:16613819	SSF x LoA	-2,445	-0,135	0,290
CHR11	16613901	CHR11:16613901	SSF x LoA	-10,458	-0,005	0,293
CHR11	16613936	CHR11:16613936	SSF x LoA	-11,472	-0,015	0,279
CHR11	16613991	CHR11:16613991	SSF x LoA	-7,325	-0,079	0,291
CHR11	16649007	CHR11:16649007	SSF x LoA	-8,951	-0,111	0,273
CHR11	16649063	CHR11:16649063	SSF x LoA	-9,227	0,100	0,279
CHR11	16665526	CHR11:16665526	SSF x LoA	-8,526	-0,107	0,292
CHR11	16688334	CHR11:16688334	SSF x LoA	-9,698	0,055	0,284
CHR11	16694237	CHR11:16694237	SSF x LoA	-7,400	-0,095	0,294
CHR11	16697781	CHR11:16697781	SSF x LoA	-9,039	0,084	0,280
CHR11	16697845	CHR11:16697845	SSF x LoA	-6,417	0,084	0,267
CHR11	16697851	CHR11:16697851	SSF x LoA	-7,044	-0,132	0,275
CHR11	16722282	CHR11:16722282	SSF x LoA	-10,250	0,017	0,288
CHR11	16724607	CHR11:16724607	SSF x LoA	-9,121	-0,085	0,296
CHR11	16724608	CHR11:16724608	SSF x LoA	-8,695	-0,116	0,282
CHR11	16729476	CHR11:16729476	SSF x LoA	-7,357	-0,150	0,288
CHR11	16729530	CHR11:16729530	SSF x LoA	-6,641	-0,039	0,304
CHR11	16729531	CHR11:16729531	SSF x LoA	-11,230	0,017	0,282
CHR11	16729595	CHR11:16729595	SSF x LoA	-8,127	0,003	0,297
CHR11	16729645	CHR11:16729645	SSF x LoA	-10,729	0,048	0,288
CHR11	16729768	CHR11:16729768	SSF x LoA	-9,959	0,035	0,297
CHR11	16732239	CHR11:16732239	SSF x LoA	-10,328	0,047	0,279
CHR11	16732441	CHR11:16732441	SSF x LoA	-7,768	-0,041	0,297
CHR11	16732496	CHR11:16732496	SSF x LoA	-11,864	0,014	0,288
CHR11	1677220	CHR11:1677220	SSF x LoA	1,691	-0,164	0,288
CHR11	1677352	CHR11:1677352	SSF x LoA	-8,454	-0,176	0,281
CHR11	1677363	CHR11:1677363	SSF x LoA	-8,134	0,179	0,281
CHR11	16785848	CHR11:16785848	SSF x LoA	-10,105	-0,007	0,302
CHR11	16785882	CHR11:16785882	SSF x LoA	-9,696	0,043	0,290
CHR11	16790015	CHR11:16790015	SSF x LoA	-10,019	-0,033	0,294
CHR11	1679957	CHR11:1679957	SSF x LoA	-8,661	-0,010	0,289
CHR11	1680089	CHR11:1680089	SSF x LoA	-7,963	0,107	0,275
CHR11	1680239	CHR11:1680239	SSF x LoA	-9,330	0,088	0,288

CHR11	16832300	CHR11:1683230(	SSF x LoA	-6,586	-0,040	0,289
CHR11	16832301	CHR11:16832301	SSF x LoA	-8,619	-0,042	0,288
CHR11	16832373	CHR11:1683237(	SSF x LoA	-8,352	-0,064	0,302
CHR11	16832374	CHR11:16832374	SSF x LoA	-9,088	-0,026	0,312
CHR11	16832385	CHR11:16832385	SSF x LoA	-8,502	0,026	0,302
CHR11	16832409	CHR11:1683240(	SSF x LoA	-8,264	-0,095	0,296
CHR11	16832430	CHR11:1683243(	SSF x LoA	-8,132	0,102	0,279
CHR11	16884186	CHR11:16884186	SSF x LoA	-10,454	0,072	0,291
CHR11	16884242	CHR11:16884242	SSF x LoA	-6,629	0,101	0,282
CHR11	16884251	CHR11:16884251	SSF x LoA	-7,828	0,142	0,280
CHR11	16884732	CHR11:16884732	SSF x LoA	-8,147	0,063	0,293
CHR11	16884752	CHR11:16884752	SSF x LoA	-9,183	0,004	0,275
CHR11	16884813	CHR11:16884813	SSF x LoA	-9,186	-0,026	0,286
CHR11	16884815	CHR11:16884815	SSF x LoA	-7,945	0,073	0,289
CHR11	16884829	CHR11:1688482(	SSF x LoA	-8,312	0,033	0,290
CHR11	16884830	CHR11:1688483(	SSF x LoA	-8,741	-0,065	0,288
CHR11	16886741	CHR11:16886741	SSF x LoA	-7,807	-0,143	0,269
CHR11	16886743	CHR11:16886743	SSF x LoA	-8,563	0,029	0,300
CHR11	16886749	CHR11:1688674(	SSF x LoA	-8,156	0,054	0,295
CHR11	16886888	CHR11:16886888	SSF x LoA	-7,842	-0,001	0,277
CHR11	16886952	CHR11:16886952	SSF x LoA	-9,061	0,008	0,270
CHR11	16889405	CHR11:16889405	SSF x LoA	-5,232	-0,165	0,273
CHR11	16889432	CHR11:16889432	SSF x LoA	-8,832	-0,052	0,268
CHR11	16889443	CHR11:16889443	SSF x LoA	-7,431	-0,049	0,276
CHR11	16889449	CHR11:1688944(	SSF x LoA	-9,306	-0,044	0,266
CHR11	16889475	CHR11:16889475	SSF x LoA	-8,269	-0,055	0,285
CHR11	16889501	CHR11:16889501	SSF x LoA	-8,336	-0,097	0,285
CHR11	16889534	CHR11:16889534	SSF x LoA	-8,551	-0,052	0,269
CHR11	16904239	CHR11:1690423(	SSF x LoA	-8,805	-0,114	0,288
CHR11	16904272	CHR11:16904272	SSF x LoA	-4,036	-0,174	0,267
CHR11	1691749	CHR11:1691749	SSF x LoA	-7,981	0,017	0,293
CHR11	1691827	CHR11:1691827	SSF x LoA	-7,565	0,061	0,279
CHR11	16922699	CHR11:1692269(	SSF x LoA	-8,181	0,138	0,298
CHR11	16929067	CHR11:16929067	SSF x LoA	-8,263	-0,118	0,276
CHR11	16929141	CHR11:16929141	SSF x LoA	-4,222	0,106	0,283
CHR11	16929185	CHR11:16929185	SSF x LoA	-10,199	-0,096	0,278
CHR11	16929186	CHR11:16929186	SSF x LoA	-8,150	-0,120	0,294
CHR11	16929190	CHR11:1692919(	SSF x LoA	-8,691	-0,146	0,296
CHR11	1693691	CHR11:1693691	SSF x LoA	-5,938	0,005	0,280
CHR11	1693741	CHR11:1693741	SSF x LoA	-8,966	0,054	0,275
CHR11	1693773	CHR11:1693773	SSF x LoA	-9,620	-0,009	0,287
CHR11	16952383	CHR11:16952383	SSF x LoA	-10,247	-0,049	0,276
CHR11	17010264	CHR11:17010264	SSF x LoA	-9,813	-0,133	0,282
CHR11	17010328	CHR11:17010328	SSF x LoA	-9,475	0,059	0,268
CHR11	17010391	CHR11:17010391	SSF x LoA	-5,896	0,129	0,289
CHR11	17014054	CHR11:17014054	SSF x LoA	-9,065	0,074	0,287
CHR11	17014082	CHR11:17014082	SSF x LoA	-8,166	-0,020	0,279
CHR11	17015709	CHR11:1701570(	SSF x LoA	-7,515	0,109	0,286
CHR11	17036192	CHR11:17036192	SSF x LoA	-7,459	-0,008	0,294
CHR11	17046087	CHR11:17046087	SSF x LoA	-9,512	-0,100	0,260
CHR11	17046095	CHR11:17046095	SSF x LoA	-9,372	-0,049	0,273
CHR11	17046105	CHR11:17046105	SSF x LoA	-4,801	-0,121	0,285
CHR11	17046215	CHR11:17046215	SSF x LoA	-5,088	-0,248	0,271

CHR11	17046228	CHR11:17046228	SSF x LoA	-7,183	0,185	0,286
CHR11	17046238	CHR11:17046238	SSF x LoA	-8,930	-0,034	0,287
CHR11	17058872	CHR11:17058872	SSF x LoA	-8,962	-0,094	0,291
CHR11	1709118	CHR11:1709118	SSF x LoA	-8,245	0,005	0,292
CHR11	1709295	CHR11:1709295	SSF x LoA	-6,455	0,168	0,294
CHR11	17100504	CHR11:17100504	SSF x LoA	-10,188	0,023	0,306
CHR11	17106391	CHR11:17106391	SSF x LoA	-7,413	-0,062	0,285
CHR11	17106507	CHR11:17106507	SSF x LoA	-6,777	-0,121	0,300
CHR11	17106534	CHR11:17106534	SSF x LoA	-8,680	0,073	0,288
CHR11	17106562	CHR11:17106562	SSF x LoA	-7,833	0,105	0,297
CHR11	17106581	CHR11:17106581	SSF x LoA	-6,881	0,138	0,292
CHR11	17120356	CHR11:17120356	SSF x LoA	-7,304	0,059	0,299
CHR11	17120384	CHR11:17120384	SSF x LoA	-5,852	0,029	0,302
CHR11	17120413	CHR11:17120413	SSF x LoA	-6,784	0,043	0,306
CHR11	17120442	CHR11:17120442	SSF x LoA	-6,323	0,140	0,287
CHR11	17120503	CHR11:17120503	SSF x LoA	-7,679	0,074	0,306
CHR11	17126968	CHR11:17126968	SSF x LoA	-6,757	-0,200	0,274
CHR11	17126978	CHR11:17126978	SSF x LoA	-5,788	-0,226	0,265
CHR11	17127021	CHR11:17127021	SSF x LoA	-7,338	0,086	0,277
CHR11	17127056	CHR11:17127056	SSF x LoA	-9,245	0,119	0,294
CHR11	17131069	CHR11:17131069	SSF x LoA	-10,961	-0,010	0,274
CHR11	17131070	CHR11:17131070	SSF x LoA	-5,174	-0,063	0,289
CHR11	17133678	CHR11:17133678	SSF x LoA	-8,774	0,032	0,287
CHR11	17133814	CHR11:17133814	SSF x LoA	-10,552	0,022	0,293
CHR11	17133827	CHR11:17133827	SSF x LoA	-6,876	-0,033	0,289
CHR11	17133854	CHR11:17133854	SSF x LoA	-8,933	-0,011	0,285
CHR11	17133865	CHR11:17133865	SSF x LoA	-8,241	-0,042	0,282
CHR11	17133874	CHR11:17133874	SSF x LoA	-7,398	-0,126	0,285
CHR11	17133907	CHR11:17133907	SSF x LoA	-6,072	-0,050	0,282
CHR11	17133927	CHR11:17133927	SSF x LoA	-6,796	-0,039	0,284
CHR11	17139990	CHR11:17139990	SSF x LoA	-8,852	0,006	0,307
CHR11	17140089	CHR11:17140089	SSF x LoA	-6,122	0,024	0,298
CHR11	17140099	CHR11:17140099	SSF x LoA	-8,085	0,021	0,301
CHR11	17140121	CHR11:17140121	SSF x LoA	-9,083	0,062	0,296
CHR11	17143726	CHR11:17143726	SSF x LoA	-8,067	0,100	0,291
CHR11	17143762	CHR11:17143762	SSF x LoA	-5,888	-0,086	0,273
CHR11	17143932	CHR11:17143932	SSF x LoA	-8,801	-0,137	0,262
CHR11	17160062	CHR11:17160062	SSF x LoA	-9,839	-0,083	0,288
CHR11	17160113	CHR11:17160113	SSF x LoA	-9,050	0,050	0,293
CHR11	17160155	CHR11:17160155	SSF x LoA	-7,029	0,099	0,295
CHR11	17160160	CHR11:17160160	SSF x LoA	-10,437	-0,007	0,283
CHR11	17160164	CHR11:17160164	SSF x LoA	-9,849	-0,012	0,290
CHR11	1716023	CHR11:1716023	SSF x LoA	-10,645	-0,133	0,281
CHR11	17160336	CHR11:17160336	SSF x LoA	-11,369	-0,073	0,282
CHR11	1716044	CHR11:1716044	SSF x LoA	-7,607	0,077	0,301
CHR11	1716126	CHR11:1716126	SSF x LoA	-10,111	-0,033	0,294
CHR11	17161386	CHR11:17161386	SSF x LoA	-7,985	0,005	0,282
CHR11	17161423	CHR11:17161423	SSF x LoA	-9,204	0,144	0,298
CHR11	17161482	CHR11:17161482	SSF x LoA	-9,003	0,036	0,303
CHR11	17161501	CHR11:17161501	SSF x LoA	-6,132	-0,110	0,297
CHR11	17161551	CHR11:17161551	SSF x LoA	-9,263	-0,010	0,291
CHR11	17165771	CHR11:17165771	SSF x LoA	-8,872	0,011	0,292
CHR11	17165844	CHR11:17165844	SSF x LoA	-7,739	-0,085	0,287

CHR11	17165848	CHR11:17165848	SSF x LoA	-7,193	-0,115	0,282
CHR11	17165967	CHR11:17165967	SSF x LoA	-5,071	-0,068	0,282
CHR11	17165995	CHR11:17165995	SSF x LoA	-7,810	0,065	0,289
CHR11	17169119	CHR11:17169119	SSF x LoA	-9,632	0,036	0,286
CHR11	17169186	CHR11:17169186	SSF x LoA	-8,683	-0,009	0,291
CHR11	17169228	CHR11:17169228	SSF x LoA	-7,242	0,100	0,298
CHR11	17182432	CHR11:17182432	SSF x LoA	-5,662	-0,008	0,299
CHR11	17182627	CHR11:17182627	SSF x LoA	-11,129	-0,018	0,289
CHR11	17182633	CHR11:17182633	SSF x LoA	-11,551	-0,025	0,278
CHR11	17182634	CHR11:17182634	SSF x LoA	-9,697	-0,035	0,286
CHR11	17195878	CHR11:17195878	SSF x LoA	-9,875	0,021	0,303
CHR11	17195890	CHR11:17195890	SSF x LoA	-7,119	0,137	0,292
CHR11	17195970	CHR11:17195970	SSF x LoA	-8,152	0,083	0,286
CHR11	17196021	CHR11:17196021	SSF x LoA	-8,439	-0,064	0,291
CHR11	1720128	CHR11:1720128	SSF x LoA	-9,985	0,029	0,287
CHR11	1720231	CHR11:1720231	SSF x LoA	-7,710	-0,026	0,268
CHR11	17214065	CHR11:17214065	SSF x LoA	-9,471	0,084	0,282
CHR11	17214274	CHR11:17214274	SSF x LoA	-9,768	0,095	0,284
CHR11	17218551	CHR11:17218551	SSF x LoA	-10,195	-0,135	0,287
CHR11	17238514	CHR11:17238514	SSF x LoA	-8,142	-0,122	0,286
CHR11	17254275	CHR11:17254275	SSF x LoA	-6,758	-0,018	0,280
CHR11	17257856	CHR11:17257856	SSF x LoA	-9,979	-0,068	0,282
CHR11	17258016	CHR11:17258016	SSF x LoA	-10,939	-0,006	0,298
CHR11	17258114	CHR11:17258114	SSF x LoA	-9,688	-0,066	0,285
CHR11	17286096	CHR11:17286096	SSF x LoA	-9,915	-0,050	0,301
CHR11	17286098	CHR11:17286098	SSF x LoA	-8,717	-0,010	0,289
CHR11	17295541	CHR11:17295541	SSF x LoA	-6,041	-0,077	0,298
CHR11	17295615	CHR11:17295615	SSF x LoA	-7,507	-0,095	0,291
CHR11	17295621	CHR11:17295621	SSF x LoA	-6,603	-0,099	0,293
CHR11	17295635	CHR11:17295635	SSF x LoA	-8,469	-0,041	0,302
CHR11	17295661	CHR11:17295661	SSF x LoA	-9,886	-0,029	0,294
CHR11	17297746	CHR11:17297746	SSF x LoA	-8,942	0,021	0,302
CHR11	17297949	CHR11:17297949	SSF x LoA	-6,259	0,057	0,280
CHR11	17310022	CHR11:17310022	SSF x LoA	-8,860	0,037	0,296
CHR11	17310027	CHR11:17310027	SSF x LoA	-6,848	0,080	0,289
CHR11	17310236	CHR11:17310236	SSF x LoA	-10,829	-0,055	0,299
CHR11	17310249	CHR11:17310249	SSF x LoA	-7,264	0,011	0,291
CHR11	17310264	CHR11:17310264	SSF x LoA	-7,424	0,005	0,293
CHR11	17310267	CHR11:17310267	SSF x LoA	-10,419	-0,019	0,288
CHR11	17310268	CHR11:17310268	SSF x LoA	-8,806	0,011	0,292
CHR11	17327524	CHR11:17327524	SSF x LoA	-8,011	0,200	0,275
CHR11	17327532	CHR11:17327532	SSF x LoA	-7,628	0,172	0,284
CHR11	17343854	CHR11:17343854	SSF x LoA	-10,705	0,074	0,282
CHR11	17343908	CHR11:17343908	SSF x LoA	-9,137	0,045	0,302
CHR11	17343957	CHR11:17343957	SSF x LoA	-9,184	0,070	0,301
CHR11	1735192	CHR11:1735192	SSF x LoA	-7,933	0,160	0,281
CHR11	17352599	CHR11:17352599	SSF x LoA	-7,704	0,029	0,297
CHR11	1735264	CHR11:1735264	SSF x LoA	-8,585	0,129	0,301
CHR11	17352808	CHR11:17352808	SSF x LoA	-7,385	0,060	0,301
CHR11	17352878	CHR11:17352878	SSF x LoA	-6,890	-0,227	0,268
CHR11	17352976	CHR11:17352976	SSF x LoA	-6,989	-0,206	0,274
CHR11	17356374	CHR11:17356374	SSF x LoA	-8,298	0,121	0,296
CHR11	17356473	CHR11:17356473	SSF x LoA	-5,826	0,059	0,277

CHR11	1736708	CHR11:1736708	SSF x LoA	-5,090	0,131	0,279
CHR11	1736788	CHR11:1736788	SSF x LoA	-2,010	0,112	0,285
CHR11	1736794	CHR11:1736794	SSF x LoA	-9,460	0,110	0,275
CHR11	1736824	CHR11:1736824	SSF x LoA	-9,934	0,083	0,285
CHR11	17381190	CHR11:1738119C	SSF x LoA	-9,988	-0,032	0,281
CHR11	17381192	CHR11:17381192	SSF x LoA	-11,285	-0,046	0,285
CHR11	17381218	CHR11:17381218	SSF x LoA	-9,232	-0,017	0,293
CHR11	17410868	CHR11:17410868	SSF x LoA	-9,351	-0,070	0,287
CHR11	17425885	CHR11:17425885	SSF x LoA	-8,319	0,159	0,286
CHR11	17425894	CHR11:17425894	SSF x LoA	-8,598	-0,036	0,290
CHR11	17426025	CHR11:17426025	SSF x LoA	-8,033	0,040	0,299
CHR11	17449359	CHR11:17449359	SSF x LoA	-6,419	0,070	0,301
CHR11	17449385	CHR11:17449385	SSF x LoA	-6,415	0,086	0,286
CHR11	17449445	CHR11:17449445	SSF x LoA	-9,000	0,003	0,292
CHR11	17464164	CHR11:17464164	SSF x LoA	-8,221	0,008	0,296
CHR11	17464228	CHR11:17464228	SSF x LoA	-9,287	0,095	0,306
CHR11	17494822	CHR11:17494822	SSF x LoA	-9,693	-0,032	0,281
CHR11	174964	CHR11:174964	SSF x LoA	-7,462	-0,037	0,300
CHR11	175056	CHR11:175056	SSF x LoA	-10,762	-0,004	0,292
CHR11	17505795	CHR11:17505795	SSF x LoA	-11,158	-0,025	0,281
CHR11	1751129	CHR11:1751129	SSF x LoA	-8,345	-0,030	0,298
CHR11	1751145	CHR11:1751145	SSF x LoA	-8,964	0,017	0,285
CHR11	1751461	CHR11:1751461	SSF x LoA	-9,539	0,021	0,288
CHR11	1751471	CHR11:1751471	SSF x LoA	-9,285	-0,019	0,278
CHR11	1751552	CHR11:1751552	SSF x LoA	-8,447	0,072	0,290
CHR11	17523964	CHR11:17523964	SSF x LoA	-9,906	-0,123	0,294
CHR11	17523992	CHR11:17523992	SSF x LoA	-4,777	-0,109	0,279
CHR11	17525973	CHR11:17525973	SSF x LoA	-11,239	-0,004	0,279
CHR11	17526058	CHR11:17526058	SSF x LoA	-9,219	0,026	0,280
CHR11	17526126	CHR11:17526126	SSF x LoA	-10,342	0,031	0,291
CHR11	17526148	CHR11:17526148	SSF x LoA	-9,995	0,035	0,281
CHR11	17526164	CHR11:17526164	SSF x LoA	-8,230	0,055	0,279
CHR11	1757384	CHR11:1757384	SSF x LoA	-1,869	-0,232	0,279
CHR11	1757395	CHR11:1757395	SSF x LoA	-8,917	-0,002	0,287
CHR11	1757531	CHR11:1757531	SSF x LoA	-4,860	-0,164	0,281
CHR11	17600504	CHR11:17600504	SSF x LoA	-8,370	-0,067	0,279
CHR11	17604203	CHR11:17604203	SSF x LoA	-8,377	0,120	0,289
CHR11	17630375	CHR11:17630375	SSF x LoA	-6,139	0,020	0,304
CHR11	17638562	CHR11:17638562	SSF x LoA	-9,484	-0,003	0,295
CHR11	17655543	CHR11:17655543	SSF x LoA	-8,867	-0,008	0,275
CHR11	17655559	CHR11:17655559	SSF x LoA	-7,253	0,122	0,302
CHR11	17655608	CHR11:17655608	SSF x LoA	-9,185	0,033	0,297
CHR11	17670838	CHR11:17670838	SSF x LoA	-5,314	0,156	0,289
CHR11	17670846	CHR11:17670846	SSF x LoA	-2,790	0,172	0,300
CHR11	17671047	CHR11:17671047	SSF x LoA	-8,662	-0,136	0,280
CHR11	17685034	CHR11:17685034	SSF x LoA	-8,564	0,037	0,291
CHR11	17685041	CHR11:17685041	SSF x LoA	-8,695	-0,133	0,286
CHR11	17685068	CHR11:17685068	SSF x LoA	-8,847	-0,129	0,279
CHR11	17685073	CHR11:17685073	SSF x LoA	-9,013	-0,111	0,286
CHR11	17685081	CHR11:17685081	SSF x LoA	-9,171	-0,131	0,272
CHR11	17685213	CHR11:17685213	SSF x LoA	-6,541	-0,105	0,289
CHR11	17690998	CHR11:17690998	SSF x LoA	-9,236	-0,028	0,275
CHR11	1769207	CHR11:1769207	SSF x LoA	-9,014	0,069	0,284

CHR11	1769226	CHR11:1769226	SSF x LoA	-10,232	0,033	0,288
CHR11	17700016	CHR11:17700016	SSF x LoA	-10,951	-0,036	0,279
CHR11	17704501	CHR11:17704501	SSF x LoA	-7,844	-0,113	0,298
CHR11	17704582	CHR11:17704582	SSF x LoA	-8,695	-0,072	0,303
CHR11	17704594	CHR11:17704594	SSF x LoA	-7,362	-0,120	0,294
CHR11	17718839	CHR11:17718839	SSF x LoA	-9,114	-0,066	0,287
CHR11	17729780	CHR11:17729780	SSF x LoA	-10,800	0,103	0,298
CHR11	17764321	CHR11:17764321	SSF x LoA	-9,537	0,093	0,286
CHR11	1777244	CHR11:1777244	SSF x LoA	-10,997	0,038	0,303
CHR11	1777246	CHR11:1777246	SSF x LoA	-7,226	0,093	0,278
CHR11	1777260	CHR11:1777260	SSF x LoA	-6,334	0,095	0,269
CHR11	1777268	CHR11:1777268	SSF x LoA	-7,142	0,082	0,275
CHR11	1777295	CHR11:1777295	SSF x LoA	-8,443	0,051	0,295
CHR11	17785098	CHR11:17785098	SSF x LoA	-6,853	-0,078	0,288
CHR11	17785150	CHR11:17785150	SSF x LoA	-6,884	0,068	0,291
CHR11	17785258	CHR11:17785258	SSF x LoA	-9,498	-0,052	0,301
CHR11	17812447	CHR11:17812447	SSF x LoA	-8,896	0,033	0,288
CHR11	17813606	CHR11:17813606	SSF x LoA	-11,070	0,091	0,289
CHR11	17826381	CHR11:17826381	SSF x LoA	-6,981	0,039	0,281
CHR11	17826391	CHR11:17826391	SSF x LoA	-7,966	0,029	0,291
CHR11	17826413	CHR11:17826413	SSF x LoA	-0,802	0,233	0,259
CHR11	17826424	CHR11:17826424	SSF x LoA	-0,155	-0,214	0,267
CHR11	17826564	CHR11:17826564	SSF x LoA	-8,153	-0,058	0,290
CHR11	17826570	CHR11:17826570	SSF x LoA	-7,592	-0,085	0,274
CHR11	17841723	CHR11:17841723	SSF x LoA	-10,606	0,050	0,285
CHR11	17841898	CHR11:17841898	SSF x LoA	-8,725	0,016	0,300
CHR11	17851799	CHR11:17851799	SSF x LoA	-8,718	-0,123	0,291
CHR11	17851803	CHR11:17851803	SSF x LoA	-8,131	-0,045	0,294
CHR11	17872565	CHR11:17872565	SSF x LoA	-7,987	0,055	0,292
CHR11	17872578	CHR11:17872578	SSF x LoA	-3,395	-0,229	0,267
CHR11	17873048	CHR11:17873048	SSF x LoA	-5,746	0,172	0,265
CHR11	17874874	CHR11:17874874	SSF x LoA	-9,436	-0,062	0,281
CHR11	17878090	CHR11:17878090	SSF x LoA	-7,383	0,090	0,299
CHR11	17880494	CHR11:17880494	SSF x LoA	-3,347	-0,234	0,271
CHR11	17880515	CHR11:17880515	SSF x LoA	-10,562	0,079	0,291
CHR11	17881888	CHR11:17881888	SSF x LoA	-7,539	-0,006	0,288
CHR11	17888184	CHR11:17888184	SSF x LoA	-11,646	-0,007	0,282
CHR11	17888196	CHR11:17888196	SSF x LoA	-7,419	0,075	0,289
CHR11	17888240	CHR11:17888240	SSF x LoA	-10,728	-0,064	0,298
CHR11	17888270	CHR11:17888270	SSF x LoA	-7,207	-0,039	0,294
CHR11	17888854	CHR11:17888854	SSF x LoA	-11,079	-0,064	0,284
CHR11	17888949	CHR11:17888949	SSF x LoA	-7,062	0,074	0,295
CHR11	17888986	CHR11:17888986	SSF x LoA	0,659	0,162	0,276
CHR11	17895936	CHR11:17895936	SSF x LoA	-10,827	0,070	0,288
CHR11	17896052	CHR11:17896052	SSF x LoA	-10,974	-0,058	0,294
CHR11	17905599	CHR11:17905599	SSF x LoA	-6,799	0,045	0,292
CHR11	17905732	CHR11:17905732	SSF x LoA	-10,488	0,111	0,276
CHR11	17918308	CHR11:17918308	SSF x LoA	-9,792	0,044	0,284
CHR11	17942137	CHR11:17942137	SSF x LoA	-7,950	0,006	0,316
CHR11	17942157	CHR11:17942157	SSF x LoA	-9,960	-0,034	0,293
CHR11	17942185	CHR11:17942185	SSF x LoA	-8,719	-0,001	0,281
CHR11	17945697	CHR11:17945697	SSF x LoA	-5,187	-0,146	0,282
CHR11	17945756	CHR11:17945756	SSF x LoA	-9,305	-0,155	0,271

CHR11	17945796	CHR11:1794579	SSF x LoA	-9,679	-0,135	0,272
CHR11	17945829	CHR11:1794582	SSF x LoA	-9,861	0,118	0,268
CHR11	17951275	CHR11:1795127	SSF x LoA	-11,311	-0,010	0,290
CHR11	17951279	CHR11:1795127	SSF x LoA	-9,867	0,028	0,294
CHR11	17951621	CHR11:1795162	SSF x LoA	-7,434	-0,130	0,283
CHR11	17956184	CHR11:1795618	SSF x LoA	-7,921	-0,128	0,274
CHR11	17956209	CHR11:1795620	SSF x LoA	-6,048	-0,159	0,288
CHR11	17956394	CHR11:1795639	SSF x LoA	-11,011	-0,049	0,283
CHR11	17956529	CHR11:1795652	SSF x LoA	-8,525	-0,100	0,279
CHR11	17963658	CHR11:1796365	SSF x LoA	-5,590	-0,016	0,300
CHR11	17968437	CHR11:1796843	SSF x LoA	-7,875	0,019	0,302
CHR11	17973157	CHR11:1797315	SSF x LoA	-7,974	0,093	0,297
CHR11	17973160	CHR11:1797316	SSF x LoA	-8,623	0,131	0,285
CHR11	17973173	CHR11:1797317	SSF x LoA	-6,984	-0,128	0,295
CHR11	17973259	CHR11:1797325	SSF x LoA	-7,224	-0,135	0,274
CHR11	17973467	CHR11:1797346	SSF x LoA	-7,877	-0,057	0,292
CHR11	17985161	CHR11:1798516	SSF x LoA	-9,732	0,025	0,274
CHR11	17985207	CHR11:1798520	SSF x LoA	-9,951	-0,061	0,278
CHR11	17989228	CHR11:1798922	SSF x LoA	-8,125	-0,055	0,287
CHR11	17989255	CHR11:1798925	SSF x LoA	-8,051	0,084	0,284
CHR11	17993203	CHR11:1799320	SSF x LoA	-7,306	0,113	0,286
CHR11	17993239	CHR11:1799323	SSF x LoA	-7,287	0,040	0,298
CHR11	17993344	CHR11:1799334	SSF x LoA	-4,216	0,212	0,269
CHR11	17993364	CHR11:1799336	SSF x LoA	-3,600	0,246	0,272
CHR11	17993390	CHR11:1799339	SSF x LoA	-6,703	-0,077	0,296
CHR11	17993403	CHR11:1799340	SSF x LoA	-4,041	0,137	0,278
CHR11	17993410	CHR11:1799341	SSF x LoA	-9,410	0,122	0,285
CHR11	17993448	CHR11:1799344	SSF x LoA	-6,591	-0,001	0,312
CHR11	17993497	CHR11:1799349	SSF x LoA	-9,264	-0,005	0,281
CHR11	17993513	CHR11:1799351	SSF x LoA	-8,083	0,017	0,310
CHR11	17993554	CHR11:1799355	SSF x LoA	-9,679	-0,054	0,294
CHR11	17993556	CHR11:1799355	SSF x LoA	-8,384	-0,092	0,293
CHR11	17993640	CHR11:1799364	SSF x LoA	-6,905	0,079	0,303
CHR11	18015470	CHR11:1801547	SSF x LoA	-0,252	0,107	0,288
CHR11	18015505	CHR11:1801550	SSF x LoA	-7,125	0,065	0,295
CHR11	18015510	CHR11:1801551	SSF x LoA	-8,918	-0,046	0,299
CHR11	18015513	CHR11:1801551	SSF x LoA	-7,215	-0,017	0,313
CHR11	18015542	CHR11:1801554	SSF x LoA	-7,075	0,139	0,289
CHR11	18015558	CHR11:1801555	SSF x LoA	-6,490	0,066	0,281
CHR11	18015661	CHR11:1801566	SSF x LoA	-8,275	-0,065	0,276
CHR11	18018984	CHR11:1801898	SSF x LoA	-2,051	0,211	0,286
CHR11	18019009	CHR11:1801900	SSF x LoA	-8,265	0,090	0,290
CHR11	18019013	CHR11:1801901	SSF x LoA	-8,509	0,091	0,293
CHR11	18019014	CHR11:1801901	SSF x LoA	-4,765	0,089	0,296
CHR11	18048075	CHR11:1804807	SSF x LoA	-9,472	0,072	0,288
CHR11	18062807	CHR11:1806280	SSF x LoA	-4,126	-0,161	0,291
CHR11	18062889	CHR11:1806288	SSF x LoA	-5,302	-0,161	0,293
CHR11	18082487	CHR11:1808248	SSF x LoA	-6,969	-0,136	0,286
CHR11	18082583	CHR11:1808258	SSF x LoA	-6,174	-0,036	0,294
CHR11	18082586	CHR11:1808258	SSF x LoA	-9,055	-0,030	0,290
CHR11	18091001	CHR11:1809100	SSF x LoA	-7,623	0,035	0,297
CHR11	18091032	CHR11:1809103	SSF x LoA	-8,407	0,067	0,297
CHR11	18091121	CHR11:1809112	SSF x LoA	-8,368	-0,015	0,288

CHR11	18100277	CHR11:18100277	SSF x LoA	-9,290	-0,015	0,292
CHR11	18100318	CHR11:18100318	SSF x LoA	-7,520	0,015	0,279
CHR11	18100356	CHR11:18100356	SSF x LoA	-8,042	-0,083	0,292
CHR11	18100364	CHR11:18100364	SSF x LoA	-8,141	-0,087	0,293
CHR11	18100377	CHR11:18100377	SSF x LoA	-7,223	-0,086	0,292
CHR11	18100380	CHR11:18100380	SSF x LoA	-8,806	-0,010	0,304
CHR11	18100411	CHR11:18100411	SSF x LoA	-9,867	-0,009	0,302
CHR11	18103064	CHR11:18103064	SSF x LoA	-10,728	-0,039	0,290
CHR11	18103070	CHR11:18103070	SSF x LoA	-11,611	-0,012	0,273
CHR11	18103097	CHR11:18103097	SSF x LoA	-10,082	-0,027	0,294
CHR11	18103255	CHR11:18103255	SSF x LoA	-9,973	-0,001	0,297
CHR11	18106592	CHR11:18106592	SSF x LoA	-10,368	-0,066	0,291
CHR11	18127033	CHR11:18127033	SSF x LoA	-10,285	-0,044	0,280
CHR11	18127048	CHR11:18127048	SSF x LoA	-9,801	0,095	0,289
CHR11	18127089	CHR11:18127089	SSF x LoA	-6,885	0,127	0,295
CHR11	18127175	CHR11:18127175	SSF x LoA	-1,446	0,018	0,296
CHR11	18127213	CHR11:18127213	SSF x LoA	-8,855	0,006	0,289
CHR11	18127238	CHR11:18127238	SSF x LoA	-3,989	-0,007	0,298
CHR11	18135545	CHR11:18135545	SSF x LoA	-8,483	0,118	0,282
CHR11	18165930	CHR11:18165930	SSF x LoA	-6,506	-0,162	0,281
CHR11	18166030	CHR11:18166030	SSF x LoA	-9,735	-0,020	0,287
CHR11	18166036	CHR11:18166036	SSF x LoA	-9,543	-0,030	0,300
CHR11	18166060	CHR11:18166060	SSF x LoA	-9,552	0,084	0,292
CHR11	18166141	CHR11:18166141	SSF x LoA	-8,511	-0,074	0,279
CHR11	18169226	CHR11:18169226	SSF x LoA	-9,786	-0,127	0,269
CHR11	18169349	CHR11:18169349	SSF x LoA	-10,045	-0,082	0,289
CHR11	18169684	CHR11:18169684	SSF x LoA	-10,281	-0,071	0,296
CHR11	18184393	CHR11:18184393	SSF x LoA	-9,779	0,075	0,290
CHR11	18184471	CHR11:18184471	SSF x LoA	-8,549	-0,043	0,291
CHR11	18185342	CHR11:18185342	SSF x LoA	-7,214	-0,113	0,285
CHR11	18185343	CHR11:18185343	SSF x LoA	-8,798	0,093	0,271
CHR11	18185479	CHR11:18185479	SSF x LoA	-10,524	-0,016	0,301
CHR11	18185503	CHR11:18185503	SSF x LoA	-5,712	0,022	0,297
CHR11	18189335	CHR11:18189335	SSF x LoA	-7,631	-0,077	0,295
CHR11	18189366	CHR11:18189366	SSF x LoA	-7,781	0,095	0,279
CHR11	18189378	CHR11:18189378	SSF x LoA	-11,501	0,040	0,287
CHR11	18189397	CHR11:18189397	SSF x LoA	0,091	-0,127	0,289
CHR11	18189453	CHR11:18189453	SSF x LoA	-5,867	0,026	0,303
CHR11	18194303	CHR11:18194303	SSF x LoA	-10,120	0,047	0,280
CHR11	18194317	CHR11:18194317	SSF x LoA	-7,035	0,004	0,293
CHR11	18194428	CHR11:18194428	SSF x LoA	-9,137	-0,024	0,269
CHR11	18194451	CHR11:18194451	SSF x LoA	-8,916	-0,011	0,279
CHR11	18202602	CHR11:18202602	SSF x LoA	-8,022	0,042	0,288
CHR11	18202743	CHR11:18202743	SSF x LoA	-7,393	0,077	0,293
CHR11	18202821	CHR11:18202821	SSF x LoA	-8,287	-0,044	0,307
CHR11	18202823	CHR11:18202823	SSF x LoA	-8,515	-0,020	0,290
CHR11	18202826	CHR11:18202826	SSF x LoA	-7,192	-0,025	0,286
CHR11	18202827	CHR11:18202827	SSF x LoA	-8,484	-0,039	0,289
CHR11	18216644	CHR11:18216644	SSF x LoA	-5,555	0,113	0,285
CHR11	18216689	CHR11:18216689	SSF x LoA	-6,712	-0,081	0,308
CHR11	18218777	CHR11:18218777	SSF x LoA	-5,800	-0,084	0,279
CHR11	1822184	CHR11:1822184	SSF x LoA	-9,458	0,050	0,311
CHR11	1822235	CHR11:1822235	SSF x LoA	-9,899	0,064	0,303

CHR11	1822340	CHR11:1822340	SSF x LoA	-9,814	0,110	0,296
CHR11	1822404	CHR11:1822404	SSF x LoA	-6,529	0,106	0,294
CHR11	18242161	CHR11:18242161	SSF x LoA	-9,604	0,028	0,275
CHR11	18242200	CHR11:1824220C	SSF x LoA	-10,655	0,029	0,289
CHR11	18242379	CHR11:1824237C	SSF x LoA	-8,875	-0,083	0,295
CHR11	18242441	CHR11:18242441	SSF x LoA	-7,978	0,016	0,295
CHR11	18242499	CHR11:1824249C	SSF x LoA	-9,588	0,038	0,292
CHR11	1824603	CHR11:1824603	SSF x LoA	-9,863	-0,029	0,291
CHR11	18246068	CHR11:1824606C	SSF x LoA	-10,558	0,005	0,299
CHR11	18246080	CHR11:1824608C	SSF x LoA	-7,863	-0,055	0,295
CHR11	18246117	CHR11:18246117	SSF x LoA	-9,065	0,010	0,289
CHR11	18246128	CHR11:1824612C	SSF x LoA	-7,363	0,003	0,304
CHR11	18246199	CHR11:1824619C	SSF x LoA	-10,785	-0,006	0,292
CHR11	18246282	CHR11:18246282	SSF x LoA	-10,066	0,006	0,298
CHR11	18246313	CHR11:18246313	SSF x LoA	-8,102	0,049	0,287
CHR11	18246325	CHR11:1824632C	SSF x LoA	-7,870	-0,074	0,278
CHR11	18246344	CHR11:1824634C	SSF x LoA	-7,899	-0,070	0,280
CHR11	18246347	CHR11:1824634C	SSF x LoA	-7,875	-0,067	0,274
CHR11	18246353	CHR11:18246353	SSF x LoA	-4,968	-0,044	0,282
CHR11	18246359	CHR11:1824635C	SSF x LoA	-9,707	0,029	0,288
CHR11	18246419	CHR11:1824641C	SSF x LoA	-10,132	-0,034	0,282
CHR11	18246426	CHR11:1824642C	SSF x LoA	-8,408	-0,024	0,293
CHR11	18262081	CHR11:18262081	SSF x LoA	-7,365	0,065	0,280
CHR11	18262083	CHR11:1826208C	SSF x LoA	-11,974	0,030	0,282
CHR11	18290106	CHR11:1829010C	SSF x LoA	-10,447	0,029	0,282
CHR11	18304869	CHR11:1830486C	SSF x LoA	-8,155	0,051	0,291
CHR11	18304900	CHR11:1830490C	SSF x LoA	-8,554	-0,021	0,288
CHR11	18304944	CHR11:1830494C	SSF x LoA	-8,792	0,074	0,296
CHR11	18321441	CHR11:18321441	SSF x LoA	-8,292	0,075	0,299
CHR11	18321508	CHR11:1832150C	SSF x LoA	-7,697	0,100	0,278
CHR11	18321571	CHR11:18321571	SSF x LoA	-7,316	-0,125	0,292
CHR11	18321574	CHR11:18321574	SSF x LoA	-6,865	0,115	0,275
CHR11	18321831	CHR11:18321831	SSF x LoA	-4,856	-0,226	0,279
CHR11	18327271	CHR11:18327271	SSF x LoA	-11,047	0,050	0,290
CHR11	18328290	CHR11:1832829C	SSF x LoA	-6,804	0,086	0,296
CHR11	18328309	CHR11:1832830C	SSF x LoA	-8,746	-0,118	0,286
CHR11	18330003	CHR11:1833000C	SSF x LoA	-8,283	-0,038	0,275
CHR11	18330042	CHR11:18330042	SSF x LoA	-10,550	-0,055	0,287
CHR11	18361131	CHR11:18361131	SSF x LoA	-7,710	0,014	0,287
CHR11	18361143	CHR11:1836114C	SSF x LoA	-9,527	-0,110	0,292
CHR11	18361179	CHR11:1836117C	SSF x LoA	-10,040	-0,001	0,299
CHR11	18361439	CHR11:1836143C	SSF x LoA	-8,708	0,133	0,267
CHR11	18383121	CHR11:18383121	SSF x LoA	-7,618	0,049	0,296
CHR11	18383176	CHR11:18383176	SSF x LoA	-8,645	-0,134	0,285
CHR11	18396722	CHR11:18396722	SSF x LoA	-8,424	0,045	0,294
CHR11	18396777	CHR11:18396777	SSF x LoA	-3,810	-0,085	0,293
CHR11	18397576	CHR11:18397576	SSF x LoA	-9,364	0,037	0,288
CHR11	18397579	CHR11:1839757C	SSF x LoA	-9,729	0,020	0,287
CHR11	18406013	CHR11:18406013	SSF x LoA	-6,722	-0,143	0,289
CHR11	18406017	CHR11:18406017	SSF x LoA	-4,240	-0,191	0,300
CHR11	18406092	CHR11:18406092	SSF x LoA	-3,929	-0,178	0,267
CHR11	18406194	CHR11:18406194	SSF x LoA	-5,331	-0,159	0,284
CHR11	18408514	CHR11:18408514	SSF x LoA	-7,892	-0,009	0,302

CHR11	18408635	CHR11:18408635	SSF x LoA	-9,130	0,003	0,307
CHR11	18408674	CHR11:18408674	SSF x LoA	-10,749	0,013	0,293
CHR11	18412544	CHR11:18412544	SSF x LoA	-1,974	-0,150	0,288
CHR11	18412573	CHR11:18412573	SSF x LoA	-7,913	-0,149	0,278
CHR11	18412601	CHR11:18412601	SSF x LoA	-7,491	-0,148	0,290
CHR11	18412602	CHR11:18412602	SSF x LoA	-8,202	-0,141	0,268
CHR11	18412726	CHR11:18412726	SSF x LoA	-9,329	-0,030	0,299
CHR11	18417763	CHR11:18417763	SSF x LoA	-9,281	-0,097	0,281
CHR11	18417823	CHR11:18417823	SSF x LoA	-7,839	0,010	0,295
CHR11	18417847	CHR11:18417847	SSF x LoA	-5,244	-0,025	0,291
CHR11	18417855	CHR11:18417855	SSF x LoA	-9,236	0,007	0,285
CHR11	1843675	CHR11:1843675	SSF x LoA	-7,714	0,018	0,296
CHR11	1843791	CHR11:1843791	SSF x LoA	-7,465	0,004	0,299
CHR11	1843946	CHR11:1843946	SSF x LoA	-9,833	-0,103	0,290
CHR11	18452025	CHR11:18452025	SSF x LoA	-7,440	0,075	0,293
CHR11	18452051	CHR11:18452051	SSF x LoA	-8,740	0,012	0,300
CHR11	18452118	CHR11:18452118	SSF x LoA	-9,867	0,114	0,291
CHR11	18452207	CHR11:18452207	SSF x LoA	-10,004	0,058	0,282
CHR11	18452227	CHR11:18452227	SSF x LoA	-9,778	-0,121	0,283
CHR11	18453836	CHR11:18453836	SSF x LoA	-8,231	-0,022	0,298
CHR11	18453838	CHR11:18453838	SSF x LoA	-10,227	-0,031	0,289
CHR11	18453872	CHR11:18453872	SSF x LoA	-8,561	0,024	0,299
CHR11	18456092	CHR11:18456092	SSF x LoA	-8,228	-0,125	0,269
CHR11	18456094	CHR11:18456094	SSF x LoA	-7,566	0,112	0,293
CHR11	18464724	CHR11:18464724	SSF x LoA	-4,716	-0,140	0,274
CHR11	18464725	CHR11:18464725	SSF x LoA	3,145	-0,067	0,288
CHR11	18464743	CHR11:18464743	SSF x LoA	-9,827	-0,087	0,290
CHR11	18464786	CHR11:18464786	SSF x LoA	-6,300	-0,136	0,288
CHR11	18464789	CHR11:18464789	SSF x LoA	-6,789	-0,132	0,286
CHR11	18464807	CHR11:18464807	SSF x LoA	-4,319	-0,140	0,280
CHR11	18478032	CHR11:18478032	SSF x LoA	-7,784	0,073	0,302
CHR11	18478082	CHR11:18478082	SSF x LoA	-8,328	-0,029	0,275
CHR11	18478099	CHR11:18478099	SSF x LoA	-8,432	0,208	0,268
CHR11	18478277	CHR11:18478277	SSF x LoA	-9,817	-0,072	0,288
CHR11	18478293	CHR11:18478293	SSF x LoA	-5,746	-0,088	0,280
CHR11	18478302	CHR11:18478302	SSF x LoA	-4,356	-0,172	0,282
CHR11	1848067	CHR11:1848067	SSF x LoA	-5,868	0,105	0,299
CHR11	18488180	CHR11:18488180	SSF x LoA	-5,628	-0,160	0,276
CHR11	18488295	CHR11:18488295	SSF x LoA	-8,204	0,098	0,275
CHR11	18492600	CHR11:18492600	SSF x LoA	-10,201	0,077	0,289
CHR11	18495149	CHR11:18495149	SSF x LoA	-8,321	-0,038	0,292
CHR11	18510144	CHR11:18510144	SSF x LoA	-10,131	-0,083	0,285
CHR11	18513657	CHR11:18513657	SSF x LoA	-7,809	0,091	0,295
CHR11	18513962	CHR11:18513962	SSF x LoA	-8,299	0,011	0,291
CHR11	18551415	CHR11:18551415	SSF x LoA	7,327	0,074	0,297
CHR11	18551677	CHR11:18551677	SSF x LoA	-10,094	0,066	0,278
CHR11	18553410	CHR11:18553410	SSF x LoA	-8,930	-0,094	0,282
CHR11	18558979	CHR11:18558979	SSF x LoA	-7,317	-0,100	0,286
CHR11	18559022	CHR11:18559022	SSF x LoA	-9,838	0,008	0,309
CHR11	18559053	CHR11:18559053	SSF x LoA	-5,490	0,071	0,304
CHR11	18560810	CHR11:18560810	SSF x LoA	-8,665	0,144	0,277
CHR11	18560827	CHR11:18560827	SSF x LoA	-9,761	-0,023	0,280
CHR11	18560848	CHR11:18560848	SSF x LoA	-9,180	0,111	0,295

CHR11	18560872	CHR11:18560872	SSF x LoA	-10,078	-0,034	0,296
CHR11	18560949	CHR11:18560949	SSF x LoA	-6,796	-0,149	0,275
CHR11	18562278	CHR11:18562278	SSF x LoA	-7,759	-0,119	0,292
CHR11	18562319	CHR11:18562319	SSF x LoA	-9,828	0,018	0,293
CHR11	18569704	CHR11:18569704	SSF x LoA	-5,771	-0,032	0,292
CHR11	18569765	CHR11:18569765	SSF x LoA	-7,394	0,097	0,301
CHR11	18569795	CHR11:18569795	SSF x LoA	-8,202	0,145	0,280
CHR11	18579525	CHR11:18579525	SSF x LoA	-9,848	-0,040	0,287
CHR11	18585073	CHR11:18585073	SSF x LoA	-9,949	-0,014	0,292
CHR11	18592444	CHR11:18592444	SSF x LoA	-8,396	0,058	0,290
CHR11	18592702	CHR11:18592702	SSF x LoA	-10,685	-0,015	0,291
CHR11	18592755	CHR11:18592755	SSF x LoA	-5,026	-0,160	0,290
CHR11	18592768	CHR11:18592768	SSF x LoA	-4,755	-0,199	0,281
CHR11	18610504	CHR11:18610504	SSF x LoA	-8,414	0,002	0,288
CHR11	18615202	CHR11:18615202	SSF x LoA	-9,388	-0,055	0,291
CHR11	18616670	CHR11:18616670	SSF x LoA	-8,678	-0,044	0,287
CHR11	18616710	CHR11:18616710	SSF x LoA	-9,682	0,013	0,287
CHR11	18616734	CHR11:18616734	SSF x LoA	-8,993	-0,137	0,290
CHR11	18616800	CHR11:18616800	SSF x LoA	-9,139	-0,039	0,289
CHR11	18616823	CHR11:18616823	SSF x LoA	-6,857	-0,131	0,282
CHR11	18616857	CHR11:18616857	SSF x LoA	-5,955	0,167	0,291
CHR11	18616873	CHR11:18616873	SSF x LoA	-5,911	-0,041	0,291
CHR11	18628404	CHR11:18628404	SSF x LoA	-7,372	0,110	0,291
CHR11	18628435	CHR11:18628435	SSF x LoA	-9,385	0,162	0,276
CHR11	18628532	CHR11:18628532	SSF x LoA	-8,244	0,020	0,282
CHR11	18632820	CHR11:18632820	SSF x LoA	-8,117	-0,137	0,299
CHR11	18632821	CHR11:18632821	SSF x LoA	-6,818	-0,158	0,282
CHR11	1863575	CHR11:1863575	SSF x LoA	-9,132	0,088	0,306
CHR11	1863749	CHR11:1863749	SSF x LoA	-9,535	0,097	0,302
CHR11	18651444	CHR11:18651444	SSF x LoA	-9,806	-0,060	0,297
CHR11	186538	CHR11:186538	SSF x LoA	-10,249	-0,072	0,288
CHR11	18658003	CHR11:18658003	SSF x LoA	-8,612	0,053	0,285
CHR11	186669	CHR11:186669	SSF x LoA	-7,357	-0,066	0,290
CHR11	186676	CHR11:186676	SSF x LoA	-9,119	0,116	0,282
CHR11	18672565	CHR11:18672565	SSF x LoA	-9,499	0,003	0,301
CHR11	18675695	CHR11:18675695	SSF x LoA	-5,438	-0,067	0,297
CHR11	18683421	CHR11:18683421	SSF x LoA	-7,801	0,063	0,306
CHR11	18683505	CHR11:18683505	SSF x LoA	-10,444	0,120	0,269
CHR11	18683681	CHR11:18683681	SSF x LoA	-8,664	0,016	0,276
CHR11	18685043	CHR11:18685043	SSF x LoA	-9,282	-0,045	0,288
CHR11	18685049	CHR11:18685049	SSF x LoA	-8,668	-0,056	0,292
CHR11	18685051	CHR11:18685051	SSF x LoA	-6,802	0,177	0,267
CHR11	18685109	CHR11:18685109	SSF x LoA	-9,205	-0,010	0,279
CHR11	1868935	CHR11:1868935	SSF x LoA	-7,241	-0,061	0,285
CHR11	1868959	CHR11:1868959	SSF x LoA	-7,366	-0,055	0,294
CHR11	1868965	CHR11:1868965	SSF x LoA	-9,257	0,021	0,295
CHR11	1868975	CHR11:1868975	SSF x LoA	-9,733	-0,067	0,284
CHR11	18690246	CHR11:18690246	SSF x LoA	8,277	-0,117	0,293
CHR11	1869060	CHR11:1869060	SSF x LoA	-11,513	0,014	0,298
CHR11	1869115	CHR11:1869115	SSF x LoA	-8,599	0,171	0,293
CHR11	1869136	CHR11:1869136	SSF x LoA	-8,983	0,036	0,278
CHR11	1869157	CHR11:1869157	SSF x LoA	-4,403	-0,204	0,271
CHR11	18692888	CHR11:18692888	SSF x LoA	-9,289	0,027	0,277

CHR11	18692935	CHR11:18692935	SSF x LoA	-7,799	0,072	0,288
CHR11	18700714	CHR11:18700714	SSF x LoA	-10,880	-0,021	0,296
CHR11	18700772	CHR11:18700772	SSF x LoA	-7,908	-0,127	0,298
CHR11	18741561	CHR11:18741561	SSF x LoA	-8,410	-0,146	0,279
CHR11	18741631	CHR11:18741631	SSF x LoA	-5,103	0,149	0,268
CHR11	18754997	CHR11:18754997	SSF x LoA	-7,679	-0,057	0,293
CHR11	1876493	CHR11:1876493	SSF x LoA	-10,920	-0,016	0,296
CHR11	1876545	CHR11:1876545	SSF x LoA	-0,982	-0,049	0,295
CHR11	18769557	CHR11:18769557	SSF x LoA	-6,353	-0,063	0,280
CHR11	18769570	CHR11:18769570	SSF x LoA	-9,699	-0,069	0,278
CHR11	1882192	CHR11:1882192	SSF x LoA	-5,764	0,138	0,279
CHR11	1882243	CHR11:1882243	SSF x LoA	-12,192	0,034	0,274
CHR11	1892959	CHR11:1892959	SSF x LoA	-9,388	0,024	0,299
CHR11	1892992	CHR11:1892992	SSF x LoA	-9,083	-0,005	0,286
CHR11	1900044	CHR11:1900044	SSF x LoA	-6,070	-0,027	0,294
CHR11	1900077	CHR11:1900077	SSF x LoA	-4,995	0,008	0,300
CHR11	1900103	CHR11:1900103	SSF x LoA	-9,528	0,029	0,303
CHR11	1900112	CHR11:1900112	SSF x LoA	-9,445	-0,012	0,283
CHR11	1900134	CHR11:1900134	SSF x LoA	-10,532	-0,077	0,287
CHR11	1901796	CHR11:1901796	SSF x LoA	-8,135	0,000	0,311
CHR11	1901917	CHR11:1901917	SSF x LoA	-7,461	0,048	0,280
CHR11	1901923	CHR11:1901923	SSF x LoA	-8,201	0,042	0,272
CHR11	1901980	CHR11:1901980	SSF x LoA	-7,636	-0,025	0,304
CHR11	1902009	CHR11:1902009	SSF x LoA	-8,918	0,015	0,291
CHR11	1902014	CHR11:1902014	SSF x LoA	-7,683	0,034	0,284
CHR11	1907629	CHR11:1907629	SSF x LoA	-3,587	-0,188	0,280
CHR11	1909262	CHR11:1909262	SSF x LoA	-9,485	-0,084	0,291
CHR11	1910660	CHR11:1910660	SSF x LoA	-10,283	-0,029	0,286
CHR11	1910850	CHR11:1910850	SSF x LoA	-10,766	-0,006	0,290
CHR11	1919806	CHR11:1919806	SSF x LoA	-7,975	0,014	0,291
CHR11	1952981	CHR11:1952981	SSF x LoA	-6,758	-0,124	0,288
CHR11	1953199	CHR11:1953199	SSF x LoA	-7,265	0,152	0,293
CHR11	1954716	CHR11:1954716	SSF x LoA	-8,725	0,086	0,282
CHR11	1958172	CHR11:1958172	SSF x LoA	-7,554	0,061	0,291
CHR11	1959309	CHR11:1959309	SSF x LoA	-8,596	0,049	0,292
CHR11	1959316	CHR11:1959316	SSF x LoA	-6,989	0,089	0,296
CHR11	1959366	CHR11:1959366	SSF x LoA	-7,381	0,079	0,270
CHR11	1980398	CHR11:1980398	SSF x LoA	-10,271	0,129	0,276
CHR11	1994430	CHR11:1994430	SSF x LoA	-9,046	0,002	0,283
CHR11	1994477	CHR11:1994477	SSF x LoA	-7,508	-0,022	0,294
CHR11	2004382	CHR11:2004382	SSF x LoA	-9,634	-0,060	0,290
CHR11	2004605	CHR11:2004605	SSF x LoA	-7,163	0,125	0,289
CHR11	2010254	CHR11:2010254	SSF x LoA	-5,717	0,215	0,288
CHR11	2012109	CHR11:2012109	SSF x LoA	-6,283	0,175	0,280
CHR11	2012120	CHR11:2012120	SSF x LoA	-9,565	0,124	0,280
CHR11	2012167	CHR11:2012167	SSF x LoA	-3,500	0,115	0,279
CHR11	2012187	CHR11:2012187	SSF x LoA	-8,017	0,060	0,303
CHR11	2021357	CHR11:2021357	SSF x LoA	-9,112	0,074	0,288
CHR11	2021383	CHR11:2021383	SSF x LoA	-8,971	-0,017	0,283
CHR11	2021410	CHR11:2021410	SSF x LoA	-9,550	0,016	0,315
CHR11	2021490	CHR11:2021490	SSF x LoA	-9,635	-0,031	0,278
CHR11	2021512	CHR11:2021512	SSF x LoA	-7,175	-0,128	0,281
CHR11	2021513	CHR11:2021513	SSF x LoA	-3,534	-0,140	0,282

CHR11	2021748	CHR11:2021748	SSF x LoA	-9,596	-0,085	0,277
CHR11	2050185	CHR11:2050185	SSF x LoA	-7,935	0,028	0,292
CHR11	2050190	CHR11:2050190	SSF x LoA	-6,932	0,028	0,291
CHR11	2050251	CHR11:2050251	SSF x LoA	-7,613	-0,029	0,290
CHR11	2050272	CHR11:2050272	SSF x LoA	-10,807	0,080	0,294
CHR11	2050278	CHR11:2050278	SSF x LoA	-6,807	-0,066	0,287
CHR11	2050308	CHR11:2050308	SSF x LoA	-4,886	0,069	0,295
CHR11	2050311	CHR11:2050311	SSF x LoA	-9,795	0,054	0,291
CHR11	2050352	CHR11:2050352	SSF x LoA	-10,449	0,067	0,281
CHR11	2050364	CHR11:2050364	SSF x LoA	-8,271	-0,084	0,287
CHR11	2058251	CHR11:2058251	SSF x LoA	-11,288	0,006	0,286
CHR11	2058296	CHR11:2058296	SSF x LoA	-6,068	-0,042	0,296
CHR11	2066103	CHR11:2066103	SSF x LoA	-8,854	0,062	0,286
CHR11	2066173	CHR11:2066173	SSF x LoA	-7,282	0,121	0,291
CHR11	2066174	CHR11:2066174	SSF x LoA	-7,244	0,081	0,302
CHR11	2066509	CHR11:2066509	SSF x LoA	-9,112	0,079	0,286
CHR11	2066533	CHR11:2066533	SSF x LoA	0,838	0,192	0,301
CHR11	2081310	CHR11:2081310	SSF x LoA	-10,447	0,067	0,291
CHR11	2085229	CHR11:2085229	SSF x LoA	-7,740	-0,140	0,266
CHR11	2094995	CHR11:2094995	SSF x LoA	-10,506	0,101	0,278
CHR11	2100676	CHR11:2100676	SSF x LoA	-10,931	0,032	0,287
CHR11	2119642	CHR11:2119642	SSF x LoA	-10,262	-0,035	0,273
CHR11	212812	CHR11:212812	SSF x LoA	-8,290	0,020	0,301
CHR11	212848	CHR11:212848	SSF x LoA	2,725	-0,136	0,275
CHR11	212879	CHR11:212879	SSF x LoA	-9,636	0,091	0,292
CHR11	212886	CHR11:212886	SSF x LoA	-8,198	0,120	0,290
CHR11	2161774	CHR11:2161774	SSF x LoA	-9,433	0,044	0,289
CHR11	2179249	CHR11:2179249	SSF x LoA	-10,553	-0,041	0,287
CHR11	2179276	CHR11:2179276	SSF x LoA	-8,459	0,010	0,298
CHR11	2179297	CHR11:2179297	SSF x LoA	-8,373	-0,099	0,287
CHR11	2179497	CHR11:2179497	SSF x LoA	-10,252	-0,058	0,296
CHR11	2179505	CHR11:2179505	SSF x LoA	-7,621	-0,170	0,283
CHR11	2179599	CHR11:2179599	SSF x LoA	-9,739	-0,164	0,285
CHR11	2179605	CHR11:2179605	SSF x LoA	-6,077	-0,214	0,264
CHR11	2192846	CHR11:2192846	SSF x LoA	-9,695	0,030	0,285
CHR11	2197967	CHR11:2197967	SSF x LoA	-11,405	0,043	0,297
CHR11	2223258	CHR11:2223258	SSF x LoA	-9,068	-0,051	0,298
CHR11	2227777	CHR11:2227777	SSF x LoA	-8,229	-0,072	0,285
CHR11	224046	CHR11:224046	SSF x LoA	-4,824	0,131	0,280
CHR11	2259804	CHR11:2259804	SSF x LoA	-10,458	-0,130	0,279
CHR11	2271746	CHR11:2271746	SSF x LoA	-9,938	-0,033	0,284
CHR11	2271936	CHR11:2271936	SSF x LoA	-11,355	0,066	0,288
CHR11	2272008	CHR11:2272008	SSF x LoA	-4,119	0,247	0,280
CHR11	2272026	CHR11:2272026	SSF x LoA	-8,612	0,027	0,302
CHR11	2272027	CHR11:2272027	SSF x LoA	-6,820	0,042	0,298
CHR11	2272061	CHR11:2272061	SSF x LoA	-8,430	0,040	0,295
CHR11	2274407	CHR11:2274407	SSF x LoA	-7,798	-0,078	0,290
CHR11	2274413	CHR11:2274413	SSF x LoA	-10,675	-0,018	0,293
CHR11	2274583	CHR11:2274583	SSF x LoA	-8,666	0,007	0,305
CHR11	2274685	CHR11:2274685	SSF x LoA	-8,355	-0,109	0,276
CHR11	2274770	CHR11:2274770	SSF x LoA	-6,833	-0,060	0,296
CHR11	2280606	CHR11:2280606	SSF x LoA	-8,604	0,022	0,307
CHR11	2280862	CHR11:2280862	SSF x LoA	-8,166	-0,026	0,285

CHR11	2280895	CHR11:2280895	SSF x LoA	-8,523	-0,053	0,293
CHR11	2280898	CHR11:2280898	SSF x LoA	-8,298	-0,058	0,294
CHR11	2280901	CHR11:2280901	SSF x LoA	-7,019	-0,051	0,303
CHR11	2304046	CHR11:2304046	SSF x LoA	-7,366	-0,151	0,303
CHR11	2304060	CHR11:2304060	SSF x LoA	-9,167	0,010	0,285
CHR11	2304166	CHR11:2304166	SSF x LoA	-10,176	0,033	0,287
CHR11	2304167	CHR11:2304167	SSF x LoA	-8,575	0,030	0,304
CHR11	2304221	CHR11:2304221	SSF x LoA	-7,403	-0,130	0,282
CHR11	2314466	CHR11:2314466	SSF x LoA	-7,479	-0,165	0,277
CHR11	2314498	CHR11:2314498	SSF x LoA	-7,742	0,044	0,304
CHR11	2314770	CHR11:2314770	SSF x LoA	-10,647	0,064	0,275
CHR11	2314772	CHR11:2314772	SSF x LoA	-9,461	0,053	0,277
CHR11	2314784	CHR11:2314784	SSF x LoA	-8,531	0,073	0,282
CHR11	2314786	CHR11:2314786	SSF x LoA	-10,220	0,047	0,288
CHR11	2314798	CHR11:2314798	SSF x LoA	-9,754	-0,048	0,290
CHR11	2333751	CHR11:2333751	SSF x LoA	-9,034	-0,013	0,283
CHR11	2341211	CHR11:2341211	SSF x LoA	-10,274	0,084	0,281
CHR11	2341249	CHR11:2341249	SSF x LoA	-8,322	-0,067	0,290
CHR11	2344271	CHR11:2344271	SSF x LoA	-11,096	0,062	0,284
CHR11	2344495	CHR11:2344495	SSF x LoA	-9,915	0,053	0,288
CHR11	2352398	CHR11:2352398	SSF x LoA	-9,040	0,014	0,297
CHR11	2421192	CHR11:2421192	SSF x LoA	-8,614	0,047	0,286
CHR11	2426852	CHR11:2426852	SSF x LoA	-8,952	0,047	0,278
CHR11	2427478	CHR11:2427478	SSF x LoA	-7,220	-0,015	0,292
CHR11	2435697	CHR11:2435697	SSF x LoA	-8,500	0,064	0,288
CHR11	2435844	CHR11:2435844	SSF x LoA	-8,240	-0,008	0,301
CHR11	2441683	CHR11:2441683	SSF x LoA	-9,007	0,039	0,285
CHR11	2466913	CHR11:2466913	SSF x LoA	-7,847	0,018	0,302
CHR11	2466931	CHR11:2466931	SSF x LoA	-6,142	-0,114	0,285
CHR11	2506315	CHR11:2506315	SSF x LoA	-8,882	0,003	0,289
CHR11	2515217	CHR11:2515217	SSF x LoA	-10,701	-0,034	0,285
CHR11	2530863	CHR11:2530863	SSF x LoA	-7,933	-0,088	0,290
CHR11	2536678	CHR11:2536678	SSF x LoA	-10,701	-0,087	0,294
CHR11	2536802	CHR11:2536802	SSF x LoA	-8,466	-0,169	0,282
CHR11	2545284	CHR11:2545284	SSF x LoA	-7,968	-0,064	0,278
CHR11	2555558	CHR11:2555558	SSF x LoA	-10,780	0,036	0,284
CHR11	2555571	CHR11:2555571	SSF x LoA	-8,383	0,087	0,292
CHR11	2555745	CHR11:2555745	SSF x LoA	-10,567	-0,023	0,292
CHR11	2569186	CHR11:2569186	SSF x LoA	-8,153	0,057	0,299
CHR11	2603031	CHR11:2603031	SSF x LoA	-7,766	-0,003	0,295
CHR11	2603040	CHR11:2603040	SSF x LoA	-7,945	-0,050	0,288
CHR11	2603081	CHR11:2603081	SSF x LoA	-1,625	0,141	0,278
CHR11	2603243	CHR11:2603243	SSF x LoA	-10,936	-0,100	0,274
CHR11	2639925	CHR11:2639925	SSF x LoA	-7,737	-0,049	0,290
CHR11	2640050	CHR11:2640050	SSF x LoA	-11,103	-0,020	0,286
CHR11	2640157	CHR11:2640157	SSF x LoA	-8,416	-0,004	0,294
CHR11	2640189	CHR11:2640189	SSF x LoA	-9,726	-0,018	0,293
CHR11	2649293	CHR11:2649293	SSF x LoA	-5,838	0,144	0,273
CHR11	2653838	CHR11:2653838	SSF x LoA	-7,127	0,190	0,289
CHR11	266276	CHR11:266276	SSF x LoA	-8,287	-0,102	0,298
CHR11	266413	CHR11:266413	SSF x LoA	-5,022	0,145	0,279
CHR11	2703661	CHR11:2703661	SSF x LoA	-8,062	-0,014	0,298
CHR11	2703704	CHR11:2703704	SSF x LoA	-7,450	0,197	0,295

CHR11	2703776	CHR11:2703776	SSF x LoA	-7,552	0,136	0,283
CHR11	2703830	CHR11:2703830	SSF x LoA	-6,757	-0,129	0,286
CHR11	2703855	CHR11:2703855	SSF x LoA	-9,110	-0,012	0,283
CHR11	2707691	CHR11:2707691	SSF x LoA	-3,656	0,021	0,291
CHR11	2707710	CHR11:2707710	SSF x LoA	-2,987	0,000	0,297
CHR11	2845635	CHR11:2845635	SSF x LoA	-7,100	-0,190	0,272
CHR11	2861147	CHR11:2861147	SSF x LoA	-10,924	-0,075	0,288
CHR11	2861180	CHR11:2861180	SSF x LoA	-8,391	-0,051	0,292
CHR11	2861386	CHR11:2861386	SSF x LoA	-7,503	-0,167	0,275
CHR11	2861464	CHR11:2861464	SSF x LoA	-3,865	-0,202	0,285
CHR11	2867841	CHR11:2867841	SSF x LoA	-8,123	0,048	0,290
CHR11	2868027	CHR11:2868027	SSF x LoA	-9,491	0,086	0,282
CHR11	2868033	CHR11:2868033	SSF x LoA	-8,524	0,077	0,290
CHR11	2868059	CHR11:2868059	SSF x LoA	-8,299	-0,027	0,299
CHR11	2868097	CHR11:2868097	SSF x LoA	-7,070	0,126	0,273
CHR11	2868116	CHR11:2868116	SSF x LoA	4,713	0,152	0,282
CHR11	2868117	CHR11:2868117	SSF x LoA	-7,277	0,116	0,285
CHR11	2868123	CHR11:2868123	SSF x LoA	-6,925	0,162	0,283
CHR11	2868126	CHR11:2868126	SSF x LoA	-7,560	0,139	0,284
CHR11	2868129	CHR11:2868129	SSF x LoA	-5,245	0,157	0,286
CHR11	2871927	CHR11:2871927	SSF x LoA	-9,244	-0,107	0,276
CHR11	2871928	CHR11:2871928	SSF x LoA	-8,946	-0,093	0,275
CHR11	2871944	CHR11:2871944	SSF x LoA	-6,282	-0,102	0,287
CHR11	2871954	CHR11:2871954	SSF x LoA	-7,617	-0,094	0,286
CHR11	2872006	CHR11:2872006	SSF x LoA	-9,220	-0,090	0,280
CHR11	2872042	CHR11:2872042	SSF x LoA	-8,334	-0,045	0,308
CHR11	2872088	CHR11:2872088	SSF x LoA	-10,695	0,017	0,303
CHR11	2876404	CHR11:2876404	SSF x LoA	-6,121	-0,088	0,289
CHR11	2876425	CHR11:2876425	SSF x LoA	-6,968	0,114	0,287
CHR11	2876649	CHR11:2876649	SSF x LoA	-8,667	0,056	0,285
CHR11	2894309	CHR11:2894309	SSF x LoA	-10,201	-0,089	0,285
CHR11	2900336	CHR11:2900336	SSF x LoA	-9,020	-0,096	0,293
CHR11	2900705	CHR11:2900705	SSF x LoA	-8,799	0,108	0,299
CHR11	2915734	CHR11:2915734	SSF x LoA	-7,349	-0,191	0,274
CHR11	2915788	CHR11:2915788	SSF x LoA	-1,738	-0,180	0,274
CHR11	2915818	CHR11:2915818	SSF x LoA	-7,931	-0,030	0,297
CHR11	2915855	CHR11:2915855	SSF x LoA	-7,109	-0,070	0,290
CHR11	2915903	CHR11:2915903	SSF x LoA	-8,314	0,140	0,281
CHR11	2915906	CHR11:2915906	SSF x LoA	-8,362	0,012	0,291
CHR11	2915920	CHR11:2915920	SSF x LoA	-9,158	-0,117	0,287
CHR11	2915975	CHR11:2915975	SSF x LoA	-6,988	0,003	0,296
CHR11	2920768	CHR11:2920768	SSF x LoA	-8,654	0,048	0,279
CHR11	2920859	CHR11:2920859	SSF x LoA	-7,161	0,025	0,298
CHR11	2920872	CHR11:2920872	SSF x LoA	-8,109	0,121	0,286
CHR11	2920951	CHR11:2920951	SSF x LoA	-7,898	-0,019	0,294
CHR11	2920957	CHR11:2920957	SSF x LoA	-8,280	0,031	0,292
CHR11	2926923	CHR11:2926923	SSF x LoA	-8,605	0,047	0,298
CHR11	2926942	CHR11:2926942	SSF x LoA	-8,203	0,023	0,290
CHR11	2928789	CHR11:2928789	SSF x LoA	-4,349	-0,153	0,269
CHR11	2929803	CHR11:2929803	SSF x LoA	-10,589	0,012	0,286
CHR11	2929919	CHR11:2929919	SSF x LoA	-6,813	-0,212	0,269
CHR11	2929996	CHR11:2929996	SSF x LoA	-7,151	0,043	0,298
CHR11	2930092	CHR11:2930092	SSF x LoA	2,707	-0,254	0,264

CHR11	2944167	CHR11:2944167	SSF x LoA	6,851	-0,085	0,292
CHR11	2947147	CHR11:2947147	SSF x LoA	-7,622	-0,002	0,284
CHR11	2953945	CHR11:2953945	SSF x LoA	-7,011	0,164	0,282
CHR11	2953949	CHR11:2953949	SSF x LoA	-6,392	0,132	0,269
CHR11	2953953	CHR11:2953953	SSF x LoA	-8,912	0,085	0,282
CHR11	2954203	CHR11:2954203	SSF x LoA	-6,193	0,177	0,280
CHR11	2954226	CHR11:2954226	SSF x LoA	-5,451	0,153	0,294
CHR11	2954275	CHR11:2954275	SSF x LoA	-7,382	-0,059	0,292
CHR11	2954315	CHR11:2954315	SSF x LoA	-6,756	0,127	0,289
CHR11	2983761	CHR11:2983761	SSF x LoA	-6,360	-0,151	0,283
CHR11	2983771	CHR11:2983771	SSF x LoA	1,677	-0,165	0,275
CHR11	2983805	CHR11:2983805	SSF x LoA	-6,212	-0,090	0,273
CHR11	2983837	CHR11:2983837	SSF x LoA	-6,888	0,112	0,278
CHR11	2983842	CHR11:2983842	SSF x LoA	-5,463	-0,104	0,279
CHR11	2983883	CHR11:2983883	SSF x LoA	-10,194	0,001	0,285
CHR11	2984135	CHR11:2984135	SSF x LoA	-9,210	-0,080	0,280
CHR11	2984170	CHR11:2984170	SSF x LoA	-7,136	0,084	0,298
CHR11	2984174	CHR11:2984174	SSF x LoA	-11,162	-0,018	0,290
CHR11	2992286	CHR11:2992286	SSF x LoA	-8,260	-0,057	0,297
CHR11	300274	CHR11:300274	SSF x LoA	-9,841	0,027	0,289
CHR11	3014548	CHR11:3014548	SSF x LoA	-9,497	0,057	0,291
CHR11	3014583	CHR11:3014583	SSF x LoA	-7,261	0,013	0,312
CHR11	3014626	CHR11:3014626	SSF x LoA	-8,866	-0,065	0,281
CHR11	3017266	CHR11:3017266	SSF x LoA	-9,253	0,046	0,287
CHR11	3017291	CHR11:3017291	SSF x LoA	-9,283	-0,101	0,287
CHR11	3017301	CHR11:3017301	SSF x LoA	-10,556	-0,040	0,293
CHR11	3057135	CHR11:3057135	SSF x LoA	-7,932	-0,086	0,282
CHR11	3057232	CHR11:3057232	SSF x LoA	-8,857	0,054	0,291
CHR11	3057237	CHR11:3057237	SSF x LoA	-7,987	0,091	0,281
CHR11	3076381	CHR11:3076381	SSF x LoA	-8,307	-0,050	0,296
CHR11	3076702	CHR11:3076702	SSF x LoA	-9,766	0,081	0,294
CHR11	3076768	CHR11:3076768	SSF x LoA	-5,989	0,067	0,302
CHR11	3112313	CHR11:3112313	SSF x LoA	-11,096	0,010	0,280
CHR11	3114998	CHR11:3114998	SSF x LoA	-9,491	-0,078	0,290
CHR11	3114999	CHR11:3114999	SSF x LoA	-9,080	-0,075	0,283
CHR11	3115000	CHR11:3115000	SSF x LoA	-9,594	-0,072	0,304
CHR11	3115127	CHR11:3115127	SSF x LoA	-10,430	-0,046	0,296
CHR11	3117752	CHR11:3117752	SSF x LoA	-3,543	0,156	0,290
CHR11	3117812	CHR11:3117812	SSF x LoA	-6,357	0,005	0,298
CHR11	3127206	CHR11:3127206	SSF x LoA	-8,070	-0,105	0,282
CHR11	3127207	CHR11:3127207	SSF x LoA	-10,688	0,089	0,271
CHR11	3127283	CHR11:3127283	SSF x LoA	-7,465	-0,036	0,300
CHR11	3129842	CHR11:3129842	SSF x LoA	-6,295	0,133	0,293
CHR11	3151743	CHR11:3151743	SSF x LoA	-8,912	-0,035	0,280
CHR11	3161336	CHR11:3161336	SSF x LoA	-9,609	-0,038	0,299
CHR11	3161371	CHR11:3161371	SSF x LoA	-8,461	0,095	0,284
CHR11	3161383	CHR11:3161383	SSF x LoA	-7,844	0,110	0,277
CHR11	3167344	CHR11:3167344	SSF x LoA	-10,899	-0,044	0,289
CHR11	3167369	CHR11:3167369	SSF x LoA	-8,332	0,012	0,291
CHR11	3167405	CHR11:3167405	SSF x LoA	-1,210	0,034	0,296
CHR11	3167438	CHR11:3167438	SSF x LoA	-8,465	0,007	0,286
CHR11	3175563	CHR11:3175563	SSF x LoA	-9,168	0,010	0,293
CHR11	3175734	CHR11:3175734	SSF x LoA	-8,223	0,012	0,282

CHR11	3182434	CHR11:3182434	SSF x LoA	-8,936	0,025	0,302
CHR11	3182451	CHR11:3182451	SSF x LoA	-2,331	-0,004	0,292
CHR11	3182488	CHR11:3182488	SSF x LoA	-7,931	-0,093	0,276
CHR11	3182509	CHR11:3182509	SSF x LoA	-8,851	0,064	0,287
CHR11	3182551	CHR11:3182551	SSF x LoA	-8,444	0,091	0,294
CHR11	3182592	CHR11:3182592	SSF x LoA	-7,325	0,074	0,295
CHR11	3184844	CHR11:3184844	SSF x LoA	-9,078	0,026	0,279
CHR11	3197926	CHR11:3197926	SSF x LoA	-9,895	0,082	0,292
CHR11	3197985	CHR11:3197985	SSF x LoA	-10,679	0,057	0,300
CHR11	3198754	CHR11:3198754	SSF x LoA	-6,637	0,027	0,281
CHR11	3211331	CHR11:3211331	SSF x LoA	-6,019	-0,021	0,286
CHR11	3211418	CHR11:3211418	SSF x LoA	-8,036	0,056	0,287
CHR11	3211427	CHR11:3211427	SSF x LoA	-8,170	0,069	0,292
CHR11	3211450	CHR11:3211450	SSF x LoA	-9,177	0,001	0,294
CHR11	3211453	CHR11:3211453	SSF x LoA	-6,348	-0,109	0,287
CHR11	3211471	CHR11:3211471	SSF x LoA	-7,552	-0,095	0,302
CHR11	3211476	CHR11:3211476	SSF x LoA	-2,979	-0,066	0,302
CHR11	3213432	CHR11:3213432	SSF x LoA	-8,874	0,091	0,298
CHR11	3213471	CHR11:3213471	SSF x LoA	-7,126	-0,043	0,285
CHR11	3213489	CHR11:3213489	SSF x LoA	-9,320	0,018	0,308
CHR11	3213490	CHR11:3213490	SSF x LoA	-3,123	0,017	0,294
CHR11	3213511	CHR11:3213511	SSF x LoA	-10,302	0,010	0,296
CHR11	3213512	CHR11:3213512	SSF x LoA	-7,632	-0,070	0,288
CHR11	3213518	CHR11:3213518	SSF x LoA	-11,066	0,007	0,292
CHR11	3213549	CHR11:3213549	SSF x LoA	-5,340	0,117	0,302
CHR11	3213552	CHR11:3213552	SSF x LoA	-7,623	-0,072	0,294
CHR11	3213590	CHR11:3213590	SSF x LoA	-5,905	0,085	0,286
CHR11	3213652	CHR11:3213652	SSF x LoA	-7,222	0,005	0,285
CHR11	3215341	CHR11:3215341	SSF x LoA	-8,206	-0,029	0,287
CHR11	3215352	CHR11:3215352	SSF x LoA	-9,974	-0,037	0,293
CHR11	3215361	CHR11:3215361	SSF x LoA	-4,509	0,184	0,284
CHR11	3226850	CHR11:3226850	SSF x LoA	-9,118	0,156	0,289
CHR11	3226882	CHR11:3226882	SSF x LoA	-3,153	-0,174	0,290
CHR11	3226987	CHR11:3226987	SSF x LoA	-8,381	0,139	0,285
CHR11	3227046	CHR11:3227046	SSF x LoA	-8,892	-0,075	0,301
CHR11	3230528	CHR11:3230528	SSF x LoA	-7,049	0,092	0,303
CHR11	3270049	CHR11:3270049	SSF x LoA	-8,529	-0,003	0,283
CHR11	3270051	CHR11:3270051	SSF x LoA	-5,360	-0,176	0,281
CHR11	3271417	CHR11:3271417	SSF x LoA	-7,966	0,111	0,290
CHR11	3271466	CHR11:3271466	SSF x LoA	-7,246	0,018	0,290
CHR11	3271499	CHR11:3271499	SSF x LoA	-9,823	0,068	0,290
CHR11	3271513	CHR11:3271513	SSF x LoA	-7,219	0,025	0,291
CHR11	3302891	CHR11:3302891	SSF x LoA	-7,452	-0,011	0,279
CHR11	3302937	CHR11:3302937	SSF x LoA	-10,058	-0,007	0,291
CHR11	3303626	CHR11:3303626	SSF x LoA	-8,830	-0,019	0,282
CHR11	330773	CHR11:330773	SSF x LoA	-10,925	0,055	0,292
CHR11	3320066	CHR11:3320066	SSF x LoA	-8,332	-0,091	0,307
CHR11	3320186	CHR11:3320186	SSF x LoA	-9,726	-0,083	0,303
CHR11	3320246	CHR11:3320246	SSF x LoA	-9,169	-0,063	0,291
CHR11	3321455	CHR11:3321455	SSF x LoA	-8,004	-0,099	0,282
CHR11	3326354	CHR11:3326354	SSF x LoA	-6,927	0,115	0,292
CHR11	3326375	CHR11:3326375	SSF x LoA	-11,109	-0,020	0,289
CHR11	3334696	CHR11:3334696	SSF x LoA	-9,669	0,085	0,282

CHR11	3357330	CHR11:3357330	SSF x LoA	-8,882	0,002	0,285
CHR11	3357378	CHR11:3357378	SSF x LoA	-8,167	0,079	0,297
CHR11	3357384	CHR11:3357384	SSF x LoA	-6,673	0,075	0,310
CHR11	3357702	CHR11:3357702	SSF x LoA	-8,923	-0,022	0,288
CHR11	3357789	CHR11:3357789	SSF x LoA	-6,602	-0,083	0,287
CHR11	336314	CHR11:336314	SSF x LoA	-9,927	-0,051	0,298
CHR11	336653	CHR11:336653	SSF x LoA	-8,360	0,054	0,283
CHR11	3379272	CHR11:3379272	SSF x LoA	-9,425	0,074	0,275
CHR11	3379397	CHR11:3379397	SSF x LoA	-8,235	0,081	0,288
CHR11	3381080	CHR11:3381080	SSF x LoA	-8,676	-0,109	0,281
CHR11	3381355	CHR11:3381355	SSF x LoA	-8,246	-0,066	0,280
CHR11	3381555	CHR11:3381555	SSF x LoA	-7,563	-0,024	0,302
CHR11	3390672	CHR11:3390672	SSF x LoA	-7,655	0,046	0,297
CHR11	3390788	CHR11:3390788	SSF x LoA	-9,716	0,091	0,297
CHR11	3390890	CHR11:3390890	SSF x LoA	-6,049	-0,257	0,278
CHR11	3390895	CHR11:3390895	SSF x LoA	-6,120	-0,268	0,270
CHR11	3390897	CHR11:3390897	SSF x LoA	-3,728	-0,283	0,278
CHR11	3419728	CHR11:3419728	SSF x LoA	-9,003	-0,119	0,284
CHR11	3419853	CHR11:3419853	SSF x LoA	-9,291	-0,067	0,298
CHR11	3421513	CHR11:3421513	SSF x LoA	-6,841	-0,129	0,299
CHR11	3429041	CHR11:3429041	SSF x LoA	-9,808	-0,075	0,282
CHR11	3429045	CHR11:3429045	SSF x LoA	-11,029	-0,021	0,273
CHR11	3431409	CHR11:3431409	SSF x LoA	-8,416	0,094	0,278
CHR11	3431507	CHR11:3431507	SSF x LoA	-5,755	0,036	0,290
CHR11	3431517	CHR11:3431517	SSF x LoA	-9,498	0,078	0,284
CHR11	3442229	CHR11:3442229	SSF x LoA	-1,959	0,161	0,284
CHR11	3442343	CHR11:3442343	SSF x LoA	-10,613	0,035	0,280
CHR11	3447342	CHR11:3447342	SSF x LoA	-9,486	-0,087	0,285
CHR11	3450288	CHR11:3450288	SSF x LoA	-8,919	0,005	0,282
CHR11	3450289	CHR11:3450289	SSF x LoA	-8,755	0,036	0,282
CHR11	3450313	CHR11:3450313	SSF x LoA	-9,618	0,022	0,272
CHR11	3450346	CHR11:3450346	SSF x LoA	-8,664	0,029	0,286
CHR11	3450386	CHR11:3450386	SSF x LoA	-11,324	0,064	0,273
CHR11	3450387	CHR11:3450387	SSF x LoA	-7,374	0,096	0,278
CHR11	3450413	CHR11:3450413	SSF x LoA	-11,925	0,037	0,280
CHR11	3450427	CHR11:3450427	SSF x LoA	-7,296	-0,091	0,285
CHR11	3450540	CHR11:3450540	SSF x LoA	-4,644	0,138	0,289
CHR11	3456587	CHR11:3456587	SSF x LoA	-6,442	-0,080	0,282
CHR11	3456764	CHR11:3456764	SSF x LoA	-8,560	0,003	0,270
CHR11	3469511	CHR11:3469511	SSF x LoA	-8,217	-0,039	0,286
CHR11	3469589	CHR11:3469589	SSF x LoA	-8,477	-0,008	0,293
CHR11	3474162	CHR11:3474162	SSF x LoA	-5,980	0,070	0,278
CHR11	3474164	CHR11:3474164	SSF x LoA	-8,885	-0,002	0,278
CHR11	3474256	CHR11:3474256	SSF x LoA	-6,773	-0,074	0,268
CHR11	3474258	CHR11:3474258	SSF x LoA	-5,105	-0,080	0,284
CHR11	3474278	CHR11:3474278	SSF x LoA	-7,270	-0,093	0,287
CHR11	3474294	CHR11:3474294	SSF x LoA	-10,595	-0,041	0,287
CHR11	3495132	CHR11:3495132	SSF x LoA	-11,130	-0,013	0,282
CHR11	3503114	CHR11:3503114	SSF x LoA	-6,763	-0,027	0,291
CHR11	3513376	CHR11:3513376	SSF x LoA	-7,311	0,117	0,298
CHR11	3513428	CHR11:3513428	SSF x LoA	-10,300	0,083	0,290
CHR11	3513679	CHR11:3513679	SSF x LoA	-6,378	-0,087	0,307
CHR11	3518458	CHR11:3518458	SSF x LoA	-7,952	-0,067	0,288

CHR11	3529215	CHR11:3529215	SSF x LoA	-9,579	-0,026	0,303
CHR11	3529272	CHR11:3529272	SSF x LoA	-9,414	-0,089	0,270
CHR11	3529359	CHR11:3529359	SSF x LoA	-5,449	0,142	0,291
CHR11	3540382	CHR11:3540382	SSF x LoA	-9,530	-0,004	0,280
CHR11	3540388	CHR11:3540388	SSF x LoA	-7,129	0,123	0,266
CHR11	3540393	CHR11:3540393	SSF x LoA	-7,631	-0,191	0,277
CHR11	3540465	CHR11:3540465	SSF x LoA	-7,661	0,063	0,290
CHR11	3540491	CHR11:3540491	SSF x LoA	-6,973	0,151	0,282
CHR11	3540532	CHR11:3540532	SSF x LoA	-7,502	-0,023	0,294
CHR11	355311	CHR11:355311	SSF x LoA	-7,151	0,070	0,289
CHR11	3553151	CHR11:3553151	SSF x LoA	-6,105	0,089	0,283
CHR11	3554047	CHR11:3554047	SSF x LoA	-8,531	-0,130	0,287
CHR11	3578831	CHR11:3578831	SSF x LoA	-10,827	0,045	0,292
CHR11	3588571	CHR11:3588571	SSF x LoA	-8,441	-0,057	0,303
CHR11	3590730	CHR11:3590730	SSF x LoA	-10,191	0,045	0,286
CHR11	3613919	CHR11:3613919	SSF x LoA	-7,882	-0,065	0,275
CHR11	3614022	CHR11:3614022	SSF x LoA	-10,522	0,125	0,293
CHR11	3614024	CHR11:3614024	SSF x LoA	-8,817	0,103	0,290
CHR11	3614060	CHR11:3614060	SSF x LoA	-6,898	0,209	0,278
CHR11	3614066	CHR11:3614066	SSF x LoA	-4,946	0,190	0,274
CHR11	3614081	CHR11:3614081	SSF x LoA	-9,198	0,025	0,299
CHR11	3614097	CHR11:3614097	SSF x LoA	-8,969	0,004	0,300
CHR11	3614098	CHR11:3614098	SSF x LoA	-9,398	0,001	0,295
CHR11	365671	CHR11:365671	SSF x LoA	-8,177	0,022	0,295
CHR11	365877	CHR11:365877	SSF x LoA	-7,741	0,025	0,305
CHR11	3662722	CHR11:3662722	SSF x LoA	-9,541	-0,048	0,290
CHR11	3662736	CHR11:3662736	SSF x LoA	-8,712	-0,078	0,278
CHR11	3662758	CHR11:3662758	SSF x LoA	-8,424	-0,035	0,273
CHR11	3674546	CHR11:3674546	SSF x LoA	-9,207	-0,057	0,289
CHR11	3680667	CHR11:3680667	SSF x LoA	-8,491	0,019	0,281
CHR11	371114	CHR11:371114	SSF x LoA	-7,729	0,129	0,291
CHR11	371122	CHR11:371122	SSF x LoA	-7,372	-0,098	0,288
CHR11	371128	CHR11:371128	SSF x LoA	1,817	-0,139	0,297
CHR11	371213	CHR11:371213	SSF x LoA	-6,137	-0,203	0,281
CHR11	371226	CHR11:371226	SSF x LoA	-8,190	0,019	0,290
CHR11	3715655	CHR11:3715655	SSF x LoA	-7,365	-0,200	0,279
CHR11	3715666	CHR11:3715666	SSF x LoA	-8,186	-0,169	0,292
CHR11	3715723	CHR11:3715723	SSF x LoA	-7,747	-0,094	0,291
CHR11	3715744	CHR11:3715744	SSF x LoA	-10,775	0,040	0,291
CHR11	3715942	CHR11:3715942	SSF x LoA	-8,304	-0,080	0,293
CHR11	3718281	CHR11:3718281	SSF x LoA	-8,929	-0,198	0,269
CHR11	3725109	CHR11:3725109	SSF x LoA	-9,647	0,125	0,283
CHR11	3725117	CHR11:3725117	SSF x LoA	-10,895	0,000	0,280
CHR11	3725125	CHR11:3725125	SSF x LoA	-9,469	-0,067	0,279
CHR11	3725139	CHR11:3725139	SSF x LoA	-8,036	-0,088	0,294
CHR11	3725163	CHR11:3725163	SSF x LoA	-10,876	-0,022	0,287
CHR11	3725290	CHR11:3725290	SSF x LoA	-9,685	0,059	0,297
CHR11	3725321	CHR11:3725321	SSF x LoA	-9,035	-0,038	0,299
CHR11	372907	CHR11:372907	SSF x LoA	-9,270	0,036	0,292
CHR11	3765238	CHR11:3765238	SSF x LoA	-7,122	-0,035	0,277
CHR11	3765323	CHR11:3765323	SSF x LoA	-9,089	0,087	0,295
CHR11	3765389	CHR11:3765389	SSF x LoA	-8,639	0,098	0,302
CHR11	3765429	CHR11:3765429	SSF x LoA	-5,028	0,097	0,286

CHR11	3765441	CHR11:3765441	SSF x LoA	-8,426	-0,067	0,303
CHR11	3765482	CHR11:3765482	SSF x LoA	-8,979	-0,037	0,303
CHR11	3778707	CHR11:3778707	SSF x LoA	-9,988	-0,075	0,294
CHR11	3778758	CHR11:3778758	SSF x LoA	-9,860	-0,028	0,276
CHR11	3778759	CHR11:3778759	SSF x LoA	-11,288	0,029	0,295
CHR11	3778775	CHR11:3778775	SSF x LoA	-7,239	0,039	0,287
CHR11	3778799	CHR11:3778799	SSF x LoA	-8,169	-0,022	0,298
CHR11	3806975	CHR11:3806975	SSF x LoA	-10,307	-0,003	0,287
CHR11	3810878	CHR11:3810878	SSF x LoA	-6,127	0,067	0,289
CHR11	3811160	CHR11:3811160	SSF x LoA	-8,504	0,049	0,286
CHR11	381598	CHR11:381598	SSF x LoA	-8,191	-0,082	0,290
CHR11	381621	CHR11:381621	SSF x LoA	-6,886	0,216	0,271
CHR11	381645	CHR11:381645	SSF x LoA	-7,535	-0,118	0,316
CHR11	381690	CHR11:381690	SSF x LoA	-11,469	0,089	0,277
CHR11	381706	CHR11:381706	SSF x LoA	-11,179	0,027	0,292
CHR11	3826105	CHR11:3826105	SSF x LoA	-7,121	0,027	0,287
CHR11	3826163	CHR11:3826163	SSF x LoA	-4,888	-0,236	0,273
CHR11	3826165	CHR11:3826165	SSF x LoA	-10,009	-0,037	0,291
CHR11	3826206	CHR11:3826206	SSF x LoA	-7,506	0,097	0,278
CHR11	3826259	CHR11:3826259	SSF x LoA	-7,076	0,127	0,286
CHR11	3826260	CHR11:3826260	SSF x LoA	-8,507	-0,050	0,297
CHR11	3826298	CHR11:3826298	SSF x LoA	-9,573	0,063	0,295
CHR11	3841746	CHR11:3841746	SSF x LoA	-2,915	-0,056	0,285
CHR11	3841796	CHR11:3841796	SSF x LoA	-11,065	-0,021	0,274
CHR11	3841956	CHR11:3841956	SSF x LoA	-11,007	0,116	0,286
CHR11	3841982	CHR11:3841982	SSF x LoA	-8,735	0,061	0,275
CHR11	3853716	CHR11:3853716	SSF x LoA	-4,801	0,145	0,289
CHR11	3853717	CHR11:3853717	SSF x LoA	-6,837	0,123	0,294
CHR11	3855970	CHR11:3855970	SSF x LoA	-7,167	-0,041	0,294
CHR11	3856150	CHR11:3856150	SSF x LoA	-11,269	-0,043	0,283
CHR11	3886453	CHR11:3886453	SSF x LoA	-11,027	0,051	0,282
CHR11	3899980	CHR11:3899980	SSF x LoA	-6,789	0,030	0,296
CHR11	3901432	CHR11:3901432	SSF x LoA	-10,770	0,014	0,288
CHR11	3901469	CHR11:3901469	SSF x LoA	-8,514	-0,034	0,284
CHR11	3901534	CHR11:3901534	SSF x LoA	-9,224	-0,035	0,277
CHR11	3907545	CHR11:3907545	SSF x LoA	-10,837	-0,045	0,298
CHR11	3907771	CHR11:3907771	SSF x LoA	-8,065	0,042	0,263
CHR11	3917966	CHR11:3917966	SSF x LoA	-9,080	0,003	0,275
CHR11	3917969	CHR11:3917969	SSF x LoA	-7,191	-0,022	0,283
CHR11	3918014	CHR11:3918014	SSF x LoA	-7,355	0,133	0,281
CHR11	3918043	CHR11:3918043	SSF x LoA	-8,445	0,008	0,296
CHR11	3918045	CHR11:3918045	SSF x LoA	-8,639	0,018	0,288
CHR11	3918072	CHR11:3918072	SSF x LoA	-9,270	0,022	0,287
CHR11	3918156	CHR11:3918156	SSF x LoA	-6,216	-0,023	0,296
CHR11	3918170	CHR11:3918170	SSF x LoA	-9,166	0,008	0,286
CHR11	3956821	CHR11:3956821	SSF x LoA	-12,009	0,042	0,281
CHR11	3957104	CHR11:3957104	SSF x LoA	-5,709	0,079	0,280
CHR11	3971637	CHR11:3971637	SSF x LoA	-10,540	0,035	0,294
CHR11	3981576	CHR11:3981576	SSF x LoA	-6,449	-0,148	0,282
CHR11	3981585	CHR11:3981585	SSF x LoA	-8,175	0,084	0,286
CHR11	3981613	CHR11:3981613	SSF x LoA	-11,141	-0,013	0,282
CHR11	3982592	CHR11:3982592	SSF x LoA	-11,147	-0,017	0,284
CHR11	3982620	CHR11:3982620	SSF x LoA	-10,707	0,020	0,283

CHR11	3982664	CHR11:3982664	SSF x LoA	-10,116	0,043	0,289
CHR11	3994278	CHR11:3994278	SSF x LoA	-7,248	-0,066	0,292
CHR11	4005727	CHR11:4005727	SSF x LoA	-4,401	-0,073	0,295
CHR11	4005915	CHR11:4005915	SSF x LoA	-5,955	-0,034	0,282
CHR11	4005946	CHR11:4005946	SSF x LoA	-11,417	-0,040	0,287
CHR11	4013593	CHR11:4013593	SSF x LoA	-5,685	-0,181	0,283
CHR11	4013596	CHR11:4013596	SSF x LoA	-7,482	0,095	0,299
CHR11	4013601	CHR11:4013601	SSF x LoA	-3,679	0,105	0,292
CHR11	4013707	CHR11:4013707	SSF x LoA	-5,764	0,081	0,285
CHR11	4022703	CHR11:4022703	SSF x LoA	-7,645	0,023	0,301
CHR11	4022749	CHR11:4022749	SSF x LoA	-11,768	0,059	0,260
CHR11	4039812	CHR11:4039812	SSF x LoA	-7,753	0,040	0,288
CHR11	4053466	CHR11:4053466	SSF x LoA	-10,051	0,021	0,282
CHR11	406270	CHR11:406270	SSF x LoA	-9,650	-0,099	0,301
CHR11	4109356	CHR11:4109356	SSF x LoA	-4,316	0,129	0,274
CHR11	4119570	CHR11:4119570	SSF x LoA	-9,795	-0,071	0,280
CHR11	4130815	CHR11:4130815	SSF x LoA	-11,048	-0,016	0,276
CHR11	4141535	CHR11:4141535	SSF x LoA	-10,486	-0,077	0,296
CHR11	4153437	CHR11:4153437	SSF x LoA	-10,016	0,117	0,284
CHR11	4158942	CHR11:4158942	SSF x LoA	-8,198	-0,015	0,301
CHR11	4200707	CHR11:4200707	SSF x LoA	-7,637	0,099	0,274
CHR11	4200882	CHR11:4200882	SSF x LoA	-6,965	0,059	0,279
CHR11	4207440	CHR11:4207440	SSF x LoA	-8,669	0,048	0,269
CHR11	4207514	CHR11:4207514	SSF x LoA	-7,395	-0,064	0,287
CHR11	4207524	CHR11:4207524	SSF x LoA	-4,673	-0,131	0,272
CHR11	4207533	CHR11:4207533	SSF x LoA	-9,879	-0,001	0,287
CHR11	4207680	CHR11:4207680	SSF x LoA	-9,219	0,106	0,283
CHR11	4207689	CHR11:4207689	SSF x LoA	-4,562	0,058	0,277
CHR11	4212078	CHR11:4212078	SSF x LoA	-9,243	-0,039	0,278
CHR11	4212083	CHR11:4212083	SSF x LoA	-7,904	-0,057	0,309
CHR11	4213505	CHR11:4213505	SSF x LoA	-8,847	0,006	0,282
CHR11	4213515	CHR11:4213515	SSF x LoA	-8,199	0,043	0,287
CHR11	4213517	CHR11:4213517	SSF x LoA	-9,541	0,045	0,293
CHR11	4213547	CHR11:4213547	SSF x LoA	-9,853	0,037	0,286
CHR11	4213758	CHR11:4213758	SSF x LoA	-9,140	0,006	0,288
CHR11	4220386	CHR11:4220386	SSF x LoA	-10,581	-0,074	0,284
CHR11	4254931	CHR11:4254931	SSF x LoA	-8,168	-0,037	0,294
CHR11	4254953	CHR11:4254953	SSF x LoA	-8,939	-0,070	0,297
CHR11	4254982	CHR11:4254982	SSF x LoA	-7,023	0,038	0,284
CHR11	4275794	CHR11:4275794	SSF x LoA	-9,836	-0,078	0,276
CHR11	4275881	CHR11:4275881	SSF x LoA	-8,531	0,060	0,289
CHR11	4275898	CHR11:4275898	SSF x LoA	-10,967	0,017	0,284
CHR11	4275922	CHR11:4275922	SSF x LoA	-9,346	0,165	0,289
CHR11	4276019	CHR11:4276019	SSF x LoA	-10,455	-0,057	0,292
CHR11	4285568	CHR11:4285568	SSF x LoA	-9,967	-0,094	0,281
CHR11	4285580	CHR11:4285580	SSF x LoA	-4,192	-0,160	0,284
CHR11	4285609	CHR11:4285609	SSF x LoA	-9,094	-0,018	0,292
CHR11	4285646	CHR11:4285646	SSF x LoA	-6,757	0,085	0,273
CHR11	4285686	CHR11:4285686	SSF x LoA	-8,693	0,051	0,283
CHR11	4285789	CHR11:4285789	SSF x LoA	-8,251	-0,005	0,267
CHR11	4285822	CHR11:4285822	SSF x LoA	-5,272	0,179	0,285
CHR11	4292851	CHR11:4292851	SSF x LoA	-6,705	0,075	0,285
CHR11	4292922	CHR11:4292922	SSF x LoA	-8,139	0,075	0,290

CHR11	4292976	CHR11:4292976	SSF x LoA	-8,275	0,087	0,290
CHR11	4292993	CHR11:4292993	SSF x LoA	-7,478	0,098	0,297
CHR11	4293032	CHR11:4293032	SSF x LoA	-8,655	-0,016	0,271
CHR11	4293108	CHR11:4293108	SSF x LoA	-9,779	-0,040	0,284
CHR11	4293158	CHR11:4293158	SSF x LoA	-9,937	0,025	0,295
CHR11	4293184	CHR11:4293184	SSF x LoA	-8,641	0,071	0,284
CHR11	4293185	CHR11:4293185	SSF x LoA	-2,734	0,095	0,297
CHR11	4293194	CHR11:4293194	SSF x LoA	-9,108	-0,018	0,294
CHR11	4297217	CHR11:4297217	SSF x LoA	-7,164	0,151	0,288
CHR11	4297296	CHR11:4297296	SSF x LoA	-8,800	0,030	0,271
CHR11	4297377	CHR11:4297377	SSF x LoA	-10,559	0,021	0,296
CHR11	4297595	CHR11:4297595	SSF x LoA	-8,699	-0,053	0,307
CHR11	4297623	CHR11:4297623	SSF x LoA	-10,440	-0,042	0,291
CHR11	4297637	CHR11:4297637	SSF x LoA	-9,608	-0,131	0,282
CHR11	4297644	CHR11:4297644	SSF x LoA	-5,315	-0,109	0,298
CHR11	4299851	CHR11:4299851	SSF x LoA	-6,201	-0,029	0,289
CHR11	4299902	CHR11:4299902	SSF x LoA	-10,641	0,014	0,292
CHR11	4309326	CHR11:4309326	SSF x LoA	-9,106	-0,094	0,285
CHR11	4309472	CHR11:4309472	SSF x LoA	-7,792	-0,109	0,276
CHR11	4309482	CHR11:4309482	SSF x LoA	-7,897	0,027	0,296
CHR11	4309505	CHR11:4309505	SSF x LoA	-3,813	-0,118	0,290
CHR11	4326215	CHR11:4326215	SSF x LoA	-9,205	0,019	0,290
CHR11	4326466	CHR11:4326466	SSF x LoA	-7,086	0,087	0,299
CHR11	4326473	CHR11:4326473	SSF x LoA	-8,213	0,012	0,309
CHR11	4326512	CHR11:4326512	SSF x LoA	-9,202	0,071	0,269
CHR11	4348446	CHR11:4348446	SSF x LoA	-9,559	0,032	0,290
CHR11	4348461	CHR11:4348461	SSF x LoA	-10,147	0,021	0,298
CHR11	4348475	CHR11:4348475	SSF x LoA	-8,434	0,101	0,273
CHR11	4348581	CHR11:4348581	SSF x LoA	-8,989	0,103	0,283
CHR11	4348609	CHR11:4348609	SSF x LoA	-9,143	0,067	0,296
CHR11	4348618	CHR11:4348618	SSF x LoA	-7,332	0,114	0,283
CHR11	4361015	CHR11:4361015	SSF x LoA	-9,574	0,006	0,280
CHR11	4378780	CHR11:4378780	SSF x LoA	-4,391	0,182	0,275
CHR11	4378851	CHR11:4378851	SSF x LoA	-8,174	0,090	0,285
CHR11	4381428	CHR11:4381428	SSF x LoA	-10,099	-0,001	0,281
CHR11	4381482	CHR11:4381482	SSF x LoA	-4,038	-0,239	0,286
CHR11	4388592	CHR11:4388592	SSF x LoA	-5,885	-0,084	0,288
CHR11	4388598	CHR11:4388598	SSF x LoA	-7,768	-0,116	0,276
CHR11	4390856	CHR11:4390856	SSF x LoA	-6,044	0,138	0,287
CHR11	4393617	CHR11:4393617	SSF x LoA	-10,602	-0,091	0,278
CHR11	4401630	CHR11:4401630	SSF x LoA	-7,745	-0,146	0,276
CHR11	4401738	CHR11:4401738	SSF x LoA	-6,551	-0,150	0,280
CHR11	4407821	CHR11:4407821	SSF x LoA	-0,318	-0,207	0,287
CHR11	4407825	CHR11:4407825	SSF x LoA	-6,336	-0,174	0,283
CHR11	4408015	CHR11:4408015	SSF x LoA	-7,157	-0,048	0,284
CHR11	4408020	CHR11:4408020	SSF x LoA	-9,511	-0,030	0,276
CHR11	4408039	CHR11:4408039	SSF x LoA	-6,034	0,100	0,307
CHR11	4409108	CHR11:4409108	SSF x LoA	-6,260	-0,216	0,280
CHR11	4416346	CHR11:4416346	SSF x LoA	-9,777	0,114	0,282
CHR11	4444768	CHR11:4444768	SSF x LoA	-9,614	-0,061	0,292
CHR11	4444845	CHR11:4444845	SSF x LoA	-11,081	-0,024	0,290
CHR11	4445063	CHR11:4445063	SSF x LoA	-10,182	-0,038	0,290
CHR11	4454635	CHR11:4454635	SSF x LoA	-10,013	-0,083	0,285

CHR11	4460136	CHR11:4460136	SSF x LoA	-10,329	0,028	0,292
CHR11	4460159	CHR11:4460159	SSF x LoA	-9,090	0,041	0,287
CHR11	4460168	CHR11:4460168	SSF x LoA	-8,383	0,061	0,282
CHR11	4460251	CHR11:4460251	SSF x LoA	-10,708	-0,050	0,296
CHR11	4460274	CHR11:4460274	SSF x LoA	-10,468	-0,087	0,285
CHR11	4486054	CHR11:4486054	SSF x LoA	-7,302	-0,058	0,305
CHR11	4486125	CHR11:4486125	SSF x LoA	-10,969	0,017	0,300
CHR11	4486184	CHR11:4486184	SSF x LoA	-6,571	0,123	0,298
CHR11	4487865	CHR11:4487865	SSF x LoA	-5,322	-0,158	0,281
CHR11	4488188	CHR11:4488188	SSF x LoA	-9,407	-0,033	0,297
CHR11	4490980	CHR11:4490980	SSF x LoA	-8,679	-0,037	0,287
CHR11	4491079	CHR11:4491079	SSF x LoA	-9,640	0,051	0,278
CHR11	4534366	CHR11:4534366	SSF x LoA	-9,844	-0,045	0,297
CHR11	4534488	CHR11:4534488	SSF x LoA	-8,367	0,030	0,289
CHR11	4534504	CHR11:4534504	SSF x LoA	-7,933	-0,008	0,293
CHR11	4537635	CHR11:4537635	SSF x LoA	-6,547	0,092	0,289
CHR11	4537805	CHR11:4537805	SSF x LoA	-10,318	0,059	0,289
CHR11	4547279	CHR11:4547279	SSF x LoA	-8,827	0,037	0,287
CHR11	4547345	CHR11:4547345	SSF x LoA	-10,700	-0,058	0,285
CHR11	4547524	CHR11:4547524	SSF x LoA	-8,759	0,027	0,298
CHR11	4547536	CHR11:4547536	SSF x LoA	-10,161	0,027	0,285
CHR11	4547544	CHR11:4547544	SSF x LoA	-8,782	-0,056	0,270
CHR11	4557843	CHR11:4557843	SSF x LoA	-11,244	-0,021	0,283
CHR11	4557937	CHR11:4557937	SSF x LoA	-7,184	0,097	0,296
CHR11	4557975	CHR11:4557975	SSF x LoA	-5,041	-0,155	0,286
CHR11	4558039	CHR11:4558039	SSF x LoA	-9,388	0,112	0,279
CHR11	4569466	CHR11:4569466	SSF x LoA	-7,946	-0,013	0,294
CHR11	457967	CHR11:457967	SSF x LoA	-0,173	0,218	0,271
CHR11	4610159	CHR11:4610159	SSF x LoA	-7,389	-0,133	0,298
CHR11	4610186	CHR11:4610186	SSF x LoA	-10,646	0,073	0,293
CHR11	4610221	CHR11:4610221	SSF x LoA	-9,795	-0,020	0,287
CHR11	4610280	CHR11:4610280	SSF x LoA	-7,864	-0,054	0,295
CHR11	4610317	CHR11:4610317	SSF x LoA	-7,541	-0,062	0,297
CHR11	4610341	CHR11:4610341	SSF x LoA	-9,582	-0,021	0,294
CHR11	4610347	CHR11:4610347	SSF x LoA	-9,027	0,021	0,290
CHR11	4610391	CHR11:4610391	SSF x LoA	-9,455	0,021	0,296
CHR11	4610406	CHR11:4610406	SSF x LoA	-6,103	-0,033	0,290
CHR11	4610412	CHR11:4610412	SSF x LoA	-9,258	0,036	0,309
CHR11	4616208	CHR11:4616208	SSF x LoA	-6,216	-0,059	0,274
CHR11	4624667	CHR11:4624667	SSF x LoA	-9,775	-0,133	0,289
CHR11	4625513	CHR11:4625513	SSF x LoA	-8,676	0,070	0,287
CHR11	4648659	CHR11:4648659	SSF x LoA	-4,668	-0,210	0,267
CHR11	4648856	CHR11:4648856	SSF x LoA	-8,065	0,039	0,302
CHR11	4648873	CHR11:4648873	SSF x LoA	-6,834	0,013	0,297
CHR11	4654014	CHR11:4654014	SSF x LoA	-9,235	0,128	0,293
CHR11	4654137	CHR11:4654137	SSF x LoA	-8,024	0,155	0,291
CHR11	4665613	CHR11:4665613	SSF x LoA	-10,763	-0,019	0,284
CHR11	470627	CHR11:470627	SSF x LoA	3,212	0,026	0,287
CHR11	4709292	CHR11:4709292	SSF x LoA	-8,744	0,001	0,295
CHR11	472918	CHR11:472918	SSF x LoA	-8,687	0,001	0,300
CHR11	4753130	CHR11:4753130	SSF x LoA	-10,641	0,021	0,297
CHR11	4777002	CHR11:4777002	SSF x LoA	-9,510	0,048	0,298
CHR11	4777008	CHR11:4777008	SSF x LoA	-8,482	-0,064	0,289

CHR11	4777118	CHR11:4777118	SSF x LoA	-9,830	0,038	0,299
CHR11	4777241	CHR11:4777241	SSF x LoA	-3,468	-0,119	0,283
CHR11	4777301	CHR11:4777301	SSF x LoA	0,589	-0,021	0,284
CHR11	4777452	CHR11:4777452	SSF x LoA	-7,698	-0,059	0,303
CHR11	4782256	CHR11:4782256	SSF x LoA	-5,752	0,183	0,267
CHR11	4783542	CHR11:4783542	SSF x LoA	-4,657	0,068	0,288
CHR11	4783815	CHR11:4783815	SSF x LoA	-10,368	0,031	0,302
CHR11	4791458	CHR11:4791458	SSF x LoA	-6,684	0,005	0,295
CHR11	4791461	CHR11:4791461	SSF x LoA	-8,501	-0,021	0,286
CHR11	4791571	CHR11:4791571	SSF x LoA	-6,635	-0,022	0,276
CHR11	4791576	CHR11:4791576	SSF x LoA	-9,464	0,036	0,291
CHR11	4791662	CHR11:4791662	SSF x LoA	-9,080	0,042	0,284
CHR11	4799980	CHR11:4799980	SSF x LoA	-6,817	-0,011	0,302
CHR11	4800181	CHR11:4800181	SSF x LoA	-10,630	0,033	0,299
CHR11	4800321	CHR11:4800321	SSF x LoA	-9,077	0,057	0,292
CHR11	4824484	CHR11:4824484	SSF x LoA	-8,102	0,016	0,281
CHR11	4824553	CHR11:4824553	SSF x LoA	-9,789	0,064	0,288
CHR11	4841898	CHR11:4841898	SSF x LoA	-6,849	-0,125	0,280
CHR11	4841934	CHR11:4841934	SSF x LoA	-5,492	-0,167	0,278
CHR11	4841952	CHR11:4841952	SSF x LoA	-8,396	-0,197	0,282
CHR11	4842011	CHR11:4842011	SSF x LoA	-11,105	0,000	0,303
CHR11	4842159	CHR11:4842159	SSF x LoA	-10,957	-0,066	0,293
CHR11	4845683	CHR11:4845683	SSF x LoA	-7,748	0,171	0,298
CHR11	4845835	CHR11:4845835	SSF x LoA	-8,021	0,085	0,300
CHR11	4876798	CHR11:4876798	SSF x LoA	-7,988	0,132	0,296
CHR11	4877141	CHR11:4877141	SSF x LoA	-9,101	0,028	0,276
CHR11	4885079	CHR11:4885079	SSF x LoA	-10,681	-0,064	0,275
CHR11	4885396	CHR11:4885396	SSF x LoA	-9,999	0,056	0,298
CHR11	4907563	CHR11:4907563	SSF x LoA	-9,861	0,035	0,285
CHR11	4907667	CHR11:4907667	SSF x LoA	-8,575	-0,039	0,303
CHR11	4907726	CHR11:4907726	SSF x LoA	-9,596	0,031	0,293
CHR11	4907787	CHR11:4907787	SSF x LoA	-8,459	-0,065	0,277
CHR11	4919895	CHR11:4919895	SSF x LoA	-10,265	-0,093	0,278
CHR11	4921547	CHR11:4921547	SSF x LoA	0,961	-0,271	0,264
CHR11	4921652	CHR11:4921652	SSF x LoA	-4,848	-0,196	0,266
CHR11	4927013	CHR11:4927013	SSF x LoA	-6,983	0,095	0,301
CHR11	4933128	CHR11:4933128	SSF x LoA	-8,352	0,007	0,289
CHR11	4947101	CHR11:4947101	SSF x LoA	-9,165	-0,044	0,271
CHR11	4947297	CHR11:4947297	SSF x LoA	-8,961	0,078	0,301
CHR11	4947321	CHR11:4947321	SSF x LoA	-9,601	0,097	0,301
CHR11	4950512	CHR11:4950512	SSF x LoA	-6,990	-0,090	0,283
CHR11	4973120	CHR11:4973120	SSF x LoA	-11,104	-0,044	0,283
CHR11	4973313	CHR11:4973313	SSF x LoA	-7,950	-0,035	0,298
CHR11	4988761	CHR11:4988761	SSF x LoA	-6,994	0,006	0,303
CHR11	4988765	CHR11:4988765	SSF x LoA	-10,212	-0,040	0,299
CHR11	4988766	CHR11:4988766	SSF x LoA	-9,690	-0,084	0,282
CHR11	5004589	CHR11:5004589	SSF x LoA	-8,818	-0,039	0,286
CHR11	5004630	CHR11:5004630	SSF x LoA	-8,841	0,082	0,294
CHR11	5018886	CHR11:5018886	SSF x LoA	1,015	-0,008	0,279
CHR11	5019198	CHR11:5019198	SSF x LoA	-8,465	0,023	0,289
CHR11	5023218	CHR11:5023218	SSF x LoA	-8,197	0,118	0,296
CHR11	5023297	CHR11:5023297	SSF x LoA	-7,803	-0,129	0,282
CHR11	5023306	CHR11:5023306	SSF x LoA	-7,106	-0,154	0,285

CHR11	5023341	CHR11:5023341	SSF x LoA	-7,761	0,115	0,286
CHR11	5023347	CHR11:5023347	SSF x LoA	-6,016	0,127	0,296
CHR11	5026348	CHR11:5026348	SSF x LoA	-10,648	-0,048	0,278
CHR11	5026646	CHR11:5026646	SSF x LoA	-6,188	-0,197	0,283
CHR11	5026748	CHR11:5026748	SSF x LoA	-8,990	0,070	0,272
CHR11	5035828	CHR11:5035828	SSF x LoA	-8,378	0,075	0,298
CHR11	5038586	CHR11:5038586	SSF x LoA	-8,063	-0,015	0,290
CHR11	5038601	CHR11:5038601	SSF x LoA	-8,010	-0,102	0,293
CHR11	5040202	CHR11:5040202	SSF x LoA	-7,222	-0,001	0,287
CHR11	5040386	CHR11:5040386	SSF x LoA	-11,450	0,041	0,279
CHR11	5040388	CHR11:5040388	SSF x LoA	-9,763	0,028	0,282
CHR11	5040429	CHR11:5040429	SSF x LoA	-10,798	0,055	0,290
CHR11	5055481	CHR11:5055481	SSF x LoA	-11,228	0,019	0,281
CHR11	5076848	CHR11:5076848	SSF x LoA	-9,024	-0,014	0,279
CHR11	5077193	CHR11:5077193	SSF x LoA	-7,512	0,084	0,295
CHR11	5077221	CHR11:5077221	SSF x LoA	-10,888	-0,021	0,296
CHR11	5127508	CHR11:5127508	SSF x LoA	-9,004	-0,112	0,291
CHR11	5127532	CHR11:5127532	SSF x LoA	-2,887	-0,161	0,292
CHR11	5127693	CHR11:5127693	SSF x LoA	-7,656	0,060	0,308
CHR11	5127699	CHR11:5127699	SSF x LoA	-9,979	-0,044	0,266
CHR11	514806	CHR11:514806	SSF x LoA	-9,151	0,029	0,284
CHR11	515027	CHR11:515027	SSF x LoA	-6,771	-0,016	0,306
CHR11	5151849	CHR11:5151849	SSF x LoA	-8,398	-0,026	0,278
CHR11	5151871	CHR11:5151871	SSF x LoA	-9,907	-0,055	0,291
CHR11	5151913	CHR11:5151913	SSF x LoA	-3,036	0,029	0,290
CHR11	5151925	CHR11:5151925	SSF x LoA	-8,293	-0,077	0,272
CHR11	5151937	CHR11:5151937	SSF x LoA	-9,249	-0,098	0,294
CHR11	5151977	CHR11:5151977	SSF x LoA	-8,851	0,037	0,284
CHR11	5151979	CHR11:5151979	SSF x LoA	-9,781	0,005	0,267
CHR11	5151999	CHR11:5151999	SSF x LoA	-8,968	0,063	0,263
CHR11	5152089	CHR11:5152089	SSF x LoA	-10,551	-0,008	0,288
CHR11	5175235	CHR11:5175235	SSF x LoA	-6,992	0,013	0,286
CHR11	518199	CHR11:518199	SSF x LoA	-8,538	-0,058	0,276
CHR11	5183610	CHR11:5183610	SSF x LoA	-9,971	0,026	0,292
CHR11	5188900	CHR11:5188900	SSF x LoA	-6,801	-0,072	0,300
CHR11	5188901	CHR11:5188901	SSF x LoA	-7,892	0,078	0,301
CHR11	5223224	CHR11:5223224	SSF x LoA	-10,916	-0,018	0,283
CHR11	5226454	CHR11:5226454	SSF x LoA	-8,826	0,079	0,284
CHR11	5226717	CHR11:5226717	SSF x LoA	-9,523	-0,007	0,290
CHR11	5230598	CHR11:5230598	SSF x LoA	-8,784	0,020	0,284
CHR11	523441	CHR11:523441	SSF x LoA	-9,551	0,006	0,273
CHR11	523478	CHR11:523478	SSF x LoA	-8,669	0,100	0,270
CHR11	523557	CHR11:523557	SSF x LoA	-8,931	0,181	0,287
CHR11	523661	CHR11:523661	SSF x LoA	-11,019	0,031	0,280
CHR11	523664	CHR11:523664	SSF x LoA	-10,172	-0,014	0,278
CHR11	523694	CHR11:523694	SSF x LoA	-10,727	-0,086	0,280
CHR11	523712	CHR11:523712	SSF x LoA	-9,002	0,070	0,271
CHR11	5247217	CHR11:5247217	SSF x LoA	-6,521	-0,004	0,269
CHR11	5247222	CHR11:5247222	SSF x LoA	-7,605	-0,093	0,299
CHR11	5247267	CHR11:5247267	SSF x LoA	-8,965	-0,050	0,284
CHR11	5247330	CHR11:5247330	SSF x LoA	-10,619	-0,012	0,302
CHR11	5256346	CHR11:5256346	SSF x LoA	-10,393	0,000	0,290
CHR11	527458	CHR11:527458	SSF x LoA	-5,807	0,196	0,275

CHR11	5287603	CHR11:5287603	SSF x LoA	-7,800	0,043	0,285
CHR11	5287757	CHR11:5287757	SSF x LoA	-7,860	0,046	0,301
CHR11	5287809	CHR11:5287809	SSF x LoA	-8,542	-0,014	0,292
CHR11	5294338	CHR11:5294338	SSF x LoA	-9,156	-0,096	0,285
CHR11	5298893	CHR11:5298893	SSF x LoA	-6,707	0,155	0,297
CHR11	5298896	CHR11:5298896	SSF x LoA	-6,458	0,082	0,318
CHR11	5298925	CHR11:5298925	SSF x LoA	-10,065	-0,008	0,287
CHR11	5299002	CHR11:5299002	SSF x LoA	-6,740	-0,132	0,286
CHR11	5299008	CHR11:5299008	SSF x LoA	-8,132	-0,081	0,294
CHR11	5299015	CHR11:5299015	SSF x LoA	-7,647	-0,127	0,296
CHR11	5299031	CHR11:5299031	SSF x LoA	-6,497	0,092	0,299
CHR11	5300338	CHR11:5300338	SSF x LoA	-10,366	-0,029	0,280
CHR11	5300433	CHR11:5300433	SSF x LoA	-10,035	-0,059	0,301
CHR11	5300469	CHR11:5300469	SSF x LoA	-10,568	0,034	0,287
CHR11	5314625	CHR11:5314625	SSF x LoA	-9,301	-0,016	0,279
CHR11	5314677	CHR11:5314677	SSF x LoA	-7,615	0,109	0,284
CHR11	5320855	CHR11:5320855	SSF x LoA	-9,425	-0,085	0,287
CHR11	5332750	CHR11:5332750	SSF x LoA	-7,857	0,024	0,291
CHR11	5332819	CHR11:5332819	SSF x LoA	-4,821	-0,083	0,283
CHR11	5332905	CHR11:5332905	SSF x LoA	-11,055	-0,018	0,286
CHR11	5332947	CHR11:5332947	SSF x LoA	-8,408	0,021	0,285
CHR11	5347943	CHR11:5347943	SSF x LoA	-3,886	0,061	0,290
CHR11	535489	CHR11:535489	SSF x LoA	-8,540	-0,002	0,297
CHR11	535517	CHR11:535517	SSF x LoA	-8,823	-0,049	0,297
CHR11	535565	CHR11:535565	SSF x LoA	-8,215	0,041	0,274
CHR11	535592	CHR11:535592	SSF x LoA	-10,344	0,085	0,292
CHR11	5356883	CHR11:5356883	SSF x LoA	-8,799	-0,023	0,290
CHR11	5357061	CHR11:5357061	SSF x LoA	-9,153	-0,053	0,283
CHR11	5357108	CHR11:5357108	SSF x LoA	-8,834	-0,007	0,292
CHR11	5357128	CHR11:5357128	SSF x LoA	-8,092	-0,021	0,294
CHR11	5357184	CHR11:5357184	SSF x LoA	-10,495	-0,090	0,288
CHR11	535723	CHR11:535723	SSF x LoA	-8,896	0,022	0,288
CHR11	535751	CHR11:535751	SSF x LoA	-10,606	0,054	0,291
CHR11	5362360	CHR11:5362360	SSF x LoA	-10,273	-0,035	0,299
CHR11	5362444	CHR11:5362444	SSF x LoA	-8,518	-0,097	0,286
CHR11	5362626	CHR11:5362626	SSF x LoA	-8,705	0,030	0,295
CHR11	5362720	CHR11:5362720	SSF x LoA	-11,468	-0,071	0,280
CHR11	5371477	CHR11:5371477	SSF x LoA	-8,984	-0,092	0,282
CHR11	5371829	CHR11:5371829	SSF x LoA	-8,634	-0,040	0,300
CHR11	5371830	CHR11:5371830	SSF x LoA	-6,180	-0,062	0,284
CHR11	5399730	CHR11:5399730	SSF x LoA	-7,699	0,056	0,291
CHR11	5399809	CHR11:5399809	SSF x LoA	-10,621	0,024	0,281
CHR11	5405318	CHR11:5405318	SSF x LoA	-9,678	-0,010	0,294
CHR11	5405363	CHR11:5405363	SSF x LoA	-10,050	-0,029	0,293
CHR11	5405370	CHR11:5405370	SSF x LoA	-9,502	-0,001	0,294
CHR11	5405462	CHR11:5405462	SSF x LoA	-9,580	0,023	0,282
CHR11	5405524	CHR11:5405524	SSF x LoA	-7,556	-0,140	0,291
CHR11	5405567	CHR11:5405567	SSF x LoA	-8,510	0,012	0,288
CHR11	5405628	CHR11:5405628	SSF x LoA	-9,891	0,008	0,294
CHR11	5405637	CHR11:5405637	SSF x LoA	-8,427	-0,046	0,293
CHR11	5425436	CHR11:5425436	SSF x LoA	-6,284	0,109	0,294
CHR11	543323	CHR11:543323	SSF x LoA	-8,069	0,004	0,296
CHR11	543400	CHR11:543400	SSF x LoA	-11,368	-0,056	0,289

CHR11	543627	CHR11:543627	SSF x LoA	-2,906	-0,186	0,277
CHR11	543660	CHR11:543660	SSF x LoA	-8,811	-0,038	0,294
CHR11	5508782	CHR11:5508782	SSF x LoA	-7,486	-0,143	0,293
CHR11	5527235	CHR11:5527235	SSF x LoA	-8,410	0,069	0,300
CHR11	5532468	CHR11:5532468	SSF x LoA	-9,096	-0,050	0,294
CHR11	5588838	CHR11:5588838	SSF x LoA	-9,467	0,044	0,286
CHR11	5605629	CHR11:5605629	SSF x LoA	-10,563	0,007	0,290
CHR11	5646083	CHR11:5646083	SSF x LoA	-7,635	-0,093	0,280
CHR11	5650083	CHR11:5650083	SSF x LoA	-10,110	-0,033	0,284
CHR11	5650118	CHR11:5650118	SSF x LoA	-7,369	0,080	0,305
CHR11	5650144	CHR11:5650144	SSF x LoA	-8,551	0,104	0,296
CHR11	5650173	CHR11:5650173	SSF x LoA	-9,218	-0,079	0,281
CHR11	5650200	CHR11:5650200	SSF x LoA	-11,369	-0,091	0,288
CHR11	5650222	CHR11:5650222	SSF x LoA	-8,408	0,034	0,294
CHR11	5650236	CHR11:5650236	SSF x LoA	-9,278	-0,086	0,276
CHR11	5652715	CHR11:5652715	SSF x LoA	-6,819	0,145	0,302
CHR11	5654427	CHR11:5654427	SSF x LoA	-9,755	-0,074	0,282
CHR11	5654438	CHR11:5654438	SSF x LoA	-7,654	0,182	0,291
CHR11	5654454	CHR11:5654454	SSF x LoA	-1,779	0,021	0,302
CHR11	5662983	CHR11:5662983	SSF x LoA	-7,517	0,010	0,303
CHR11	5662994	CHR11:5662994	SSF x LoA	-6,921	0,139	0,293
CHR11	5663037	CHR11:5663037	SSF x LoA	-10,033	-0,108	0,294
CHR11	5663051	CHR11:5663051	SSF x LoA	-7,533	-0,009	0,301
CHR11	5663060	CHR11:5663060	SSF x LoA	-6,063	0,034	0,282
CHR11	5694240	CHR11:5694240	SSF x LoA	-10,258	-0,052	0,275
CHR11	5694310	CHR11:5694310	SSF x LoA	-7,477	0,126	0,293
CHR11	5694311	CHR11:5694311	SSF x LoA	-5,418	0,127	0,295
CHR11	5694312	CHR11:5694312	SSF x LoA	-8,184	0,105	0,287
CHR11	5694373	CHR11:5694373	SSF x LoA	-6,516	0,133	0,281
CHR11	5694382	CHR11:5694382	SSF x LoA	-8,540	-0,004	0,283
CHR11	5694434	CHR11:5694434	SSF x LoA	-8,888	0,000	0,292
CHR11	5702951	CHR11:5702951	SSF x LoA	-7,397	-0,089	0,278
CHR11	5702992	CHR11:5702992	SSF x LoA	-9,003	-0,022	0,289
CHR11	5703079	CHR11:5703079	SSF x LoA	-10,205	-0,031	0,289
CHR11	5703175	CHR11:5703175	SSF x LoA	-10,291	0,000	0,279
CHR11	5737891	CHR11:5737891	SSF x LoA	-8,175	-0,097	0,293
CHR11	5737905	CHR11:5737905	SSF x LoA	-8,667	0,029	0,303
CHR11	5737943	CHR11:5737943	SSF x LoA	-9,462	-0,098	0,282
CHR11	5738026	CHR11:5738026	SSF x LoA	-9,444	0,040	0,289
CHR11	5738072	CHR11:5738072	SSF x LoA	-10,538	0,007	0,282
CHR11	5738117	CHR11:5738117	SSF x LoA	-8,982	-0,007	0,302
CHR11	5738118	CHR11:5738118	SSF x LoA	-7,561	0,136	0,284
CHR11	5738130	CHR11:5738130	SSF x LoA	-8,288	0,151	0,287
CHR11	5738169	CHR11:5738169	SSF x LoA	-10,825	-0,020	0,298
CHR11	5768351	CHR11:5768351	SSF x LoA	-8,954	-0,034	0,299
CHR11	5768353	CHR11:5768353	SSF x LoA	-10,273	-0,031	0,300
CHR11	5768365	CHR11:5768365	SSF x LoA	-6,750	0,063	0,286
CHR11	5768543	CHR11:5768543	SSF x LoA	-6,706	0,091	0,278
CHR11	5768693	CHR11:5768693	SSF x LoA	-5,297	-0,114	0,302
CHR11	5768695	CHR11:5768695	SSF x LoA	-8,424	-0,113	0,305
CHR11	5769900	CHR11:5769900	SSF x LoA	-10,335	-0,057	0,290
CHR11	5770204	CHR11:5770204	SSF x LoA	-9,314	-0,165	0,291
CHR11	5775109	CHR11:5775109	SSF x LoA	-9,948	-0,031	0,298

CHR11	5775133	CHR11:5775133	SSF x LoA	-9,668	-0,029	0,289
CHR11	5777818	CHR11:5777818	SSF x LoA	-6,490	-0,035	0,302
CHR11	577800	CHR11:577800	SSF x LoA	-3,764	0,060	0,282
CHR11	577859	CHR11:577859	SSF x LoA	-10,450	0,015	0,296
CHR11	5781202	CHR11:5781202	SSF x LoA	-10,589	0,028	0,286
CHR11	5782424	CHR11:5782424	SSF x LoA	-9,943	0,033	0,290
CHR11	5782433	CHR11:5782433	SSF x LoA	-8,021	-0,031	0,290
CHR11	5782497	CHR11:5782497	SSF x LoA	-10,698	-0,062	0,283
CHR11	5782564	CHR11:5782564	SSF x LoA	-6,150	0,122	0,306
CHR11	5782580	CHR11:5782580	SSF x LoA	-4,817	0,145	0,291
CHR11	5782691	CHR11:5782691	SSF x LoA	-10,994	-0,041	0,288
CHR11	5782713	CHR11:5782713	SSF x LoA	-7,782	0,119	0,290
CHR11	5798675	CHR11:5798675	SSF x LoA	-10,185	-0,082	0,282
CHR11	5798722	CHR11:5798722	SSF x LoA	-9,006	-0,060	0,278
CHR11	5806239	CHR11:5806239	SSF x LoA	-8,815	-0,204	0,275
CHR11	5806271	CHR11:5806271	SSF x LoA	-7,700	0,147	0,295
CHR11	580870	CHR11:580870	SSF x LoA	-10,337	0,077	0,294
CHR11	580902	CHR11:580902	SSF x LoA	-8,201	-0,093	0,290
CHR11	580919	CHR11:580919	SSF x LoA	-7,207	0,125	0,297
CHR11	580923	CHR11:580923	SSF x LoA	-7,787	-0,077	0,302
CHR11	580975	CHR11:580975	SSF x LoA	1,580	0,206	0,279
CHR11	581065	CHR11:581065	SSF x LoA	-6,531	0,034	0,281
CHR11	581082	CHR11:581082	SSF x LoA	-6,336	0,034	0,281
CHR11	581153	CHR11:581153	SSF x LoA	-5,416	-0,152	0,272
CHR11	581190	CHR11:581190	SSF x LoA	-8,588	-0,106	0,285
CHR11	581210	CHR11:581210	SSF x LoA	-10,523	-0,068	0,288
CHR11	5835322	CHR11:5835322	SSF x LoA	-8,307	-0,073	0,279
CHR11	5835365	CHR11:5835365	SSF x LoA	-5,101	0,137	0,281
CHR11	5835411	CHR11:5835411	SSF x LoA	-9,490	-0,036	0,274
CHR11	5835425	CHR11:5835425	SSF x LoA	-7,625	0,120	0,273
CHR11	5835472	CHR11:5835472	SSF x LoA	-9,361	0,016	0,272
CHR11	5835542	CHR11:5835542	SSF x LoA	-10,654	-0,048	0,285
CHR11	5836683	CHR11:5836683	SSF x LoA	-9,193	-0,021	0,279
CHR11	5836738	CHR11:5836738	SSF x LoA	-11,003	-0,047	0,272
CHR11	5836748	CHR11:5836748	SSF x LoA	-6,553	-0,131	0,291
CHR11	5836823	CHR11:5836823	SSF x LoA	-7,829	-0,047	0,296
CHR11	5836879	CHR11:5836879	SSF x LoA	-8,360	-0,049	0,282
CHR11	5853133	CHR11:5853133	SSF x LoA	-8,674	-0,115	0,290
CHR11	5853176	CHR11:5853176	SSF x LoA	-7,656	-0,072	0,294
CHR11	5853256	CHR11:5853256	SSF x LoA	-8,841	0,044	0,288
CHR11	5865189	CHR11:5865189	SSF x LoA	-9,212	-0,126	0,278
CHR11	5865197	CHR11:5865197	SSF x LoA	-7,782	-0,117	0,289
CHR11	5865202	CHR11:5865202	SSF x LoA	-10,793	-0,113	0,281
CHR11	5868785	CHR11:5868785	SSF x LoA	-8,974	-0,135	0,280
CHR11	5873019	CHR11:5873019	SSF x LoA	-8,322	-0,129	0,273
CHR11	5873113	CHR11:5873113	SSF x LoA	-7,826	0,007	0,289
CHR11	5873217	CHR11:5873217	SSF x LoA	1,287	-0,045	0,277
CHR11	5873281	CHR11:5873281	SSF x LoA	-11,278	0,031	0,286
CHR11	5880364	CHR11:5880364	SSF x LoA	-4,051	0,248	0,276
CHR11	5880456	CHR11:5880456	SSF x LoA	-9,327	0,075	0,286
CHR11	5880673	CHR11:5880673	SSF x LoA	-8,786	-0,143	0,286
CHR11	5881863	CHR11:5881863	SSF x LoA	-8,871	0,061	0,292
CHR11	5895295	CHR11:5895295	SSF x LoA	-1,734	-0,186	0,291

CHR11	5895322	CHR11:5895322	SSF x LoA	-7,170	0,046	0,302
CHR11	5895365	CHR11:5895365	SSF x LoA	-8,592	0,134	0,275
CHR11	5895485	CHR11:5895485	SSF x LoA	-7,259	0,095	0,286
CHR11	5895504	CHR11:5895504	SSF x LoA	-7,648	-0,113	0,286
CHR11	5910945	CHR11:5910945	SSF x LoA	-9,710	0,115	0,292
CHR11	5911292	CHR11:5911292	SSF x LoA	-10,102	0,098	0,285
CHR11	5919263	CHR11:5919263	SSF x LoA	-9,305	0,019	0,285
CHR11	5923727	CHR11:5923727	SSF x LoA	-10,402	-0,085	0,282
CHR11	5923808	CHR11:5923808	SSF x LoA	-11,161	-0,061	0,287
CHR11	593552	CHR11:593552	SSF x LoA	-7,700	-0,028	0,310
CHR11	593675	CHR11:593675	SSF x LoA	-7,740	-0,058	0,302
CHR11	593765	CHR11:593765	SSF x LoA	-7,820	-0,078	0,283
CHR11	5945567	CHR11:5945567	SSF x LoA	-9,911	0,006	0,280
CHR11	5945813	CHR11:5945813	SSF x LoA	-9,395	-0,075	0,284
CHR11	596210	CHR11:596210	SSF x LoA	-8,069	0,111	0,284
CHR11	596452	CHR11:596452	SSF x LoA	-8,789	0,151	0,295
CHR11	596489	CHR11:596489	SSF x LoA	-9,021	-0,124	0,288
CHR11	596534	CHR11:596534	SSF x LoA	-8,763	0,038	0,286
CHR11	5972267	CHR11:5972267	SSF x LoA	-4,380	0,208	0,280
CHR11	5972441	CHR11:5972441	SSF x LoA	-7,440	-0,081	0,286
CHR11	5972544	CHR11:5972544	SSF x LoA	-10,965	0,013	0,275
CHR11	5980525	CHR11:5980525	SSF x LoA	-10,068	-0,082	0,284
CHR11	5980527	CHR11:5980527	SSF x LoA	-2,854	-0,168	0,286
CHR11	5980532	CHR11:5980532	SSF x LoA	-5,549	-0,152	0,288
CHR11	5980536	CHR11:5980536	SSF x LoA	-7,224	-0,121	0,290
CHR11	5980570	CHR11:5980570	SSF x LoA	-10,598	0,008	0,300
CHR11	5980597	CHR11:5980597	SSF x LoA	-9,754	-0,032	0,288
CHR11	5980605	CHR11:5980605	SSF x LoA	-5,115	0,148	0,293
CHR11	5980637	CHR11:5980637	SSF x LoA	-7,537	0,066	0,299
CHR11	5980649	CHR11:5980649	SSF x LoA	-7,893	0,058	0,288
CHR11	5980665	CHR11:5980665	SSF x LoA	-9,041	-0,090	0,281
CHR11	5980668	CHR11:5980668	SSF x LoA	-8,390	0,115	0,290
CHR11	5980720	CHR11:5980720	SSF x LoA	-7,680	0,115	0,285
CHR11	5980772	CHR11:5980772	SSF x LoA	-10,724	0,019	0,282
CHR11	5980787	CHR11:5980787	SSF x LoA	-9,931	0,047	0,290
CHR11	6002069	CHR11:6002069	SSF x LoA	-8,948	0,038	0,267
CHR11	6002083	CHR11:6002083	SSF x LoA	-7,801	-0,014	0,276
CHR11	6002103	CHR11:6002103	SSF x LoA	-9,328	-0,030	0,289
CHR11	6002134	CHR11:6002134	SSF x LoA	-9,615	0,082	0,277
CHR11	6002226	CHR11:6002226	SSF x LoA	-6,476	0,046	0,291
CHR11	6002287	CHR11:6002287	SSF x LoA	-11,309	-0,057	0,289
CHR11	6002349	CHR11:6002349	SSF x LoA	-9,740	-0,046	0,280
CHR11	6011347	CHR11:6011347	SSF x LoA	-9,975	-0,028	0,291
CHR11	6011400	CHR11:6011400	SSF x LoA	-9,098	0,024	0,278
CHR11	6011416	CHR11:6011416	SSF x LoA	-10,007	0,053	0,279
CHR11	6011444	CHR11:6011444	SSF x LoA	-7,654	0,007	0,289
CHR11	6019509	CHR11:6019509	SSF x LoA	-10,875	-0,023	0,297
CHR11	6019569	CHR11:6019569	SSF x LoA	-6,969	0,143	0,261
CHR11	6019598	CHR11:6019598	SSF x LoA	-6,364	-0,093	0,278
CHR11	6019600	CHR11:6019600	SSF x LoA	-9,634	-0,056	0,284
CHR11	6019605	CHR11:6019605	SSF x LoA	-7,864	-0,074	0,289
CHR11	6019637	CHR11:6019637	SSF x LoA	-6,851	0,166	0,279
CHR11	6019747	CHR11:6019747	SSF x LoA	-8,713	0,107	0,299

CHR11	6019751	CHR11:6019751	SSF x LoA	-9,007	-0,018	0,276
CHR11	6019752	CHR11:6019752	SSF x LoA	-9,851	-0,012	0,279
CHR11	6019753	CHR11:6019753	SSF x LoA	-8,911	-0,028	0,299
CHR11	6019786	CHR11:6019786	SSF x LoA	-10,645	0,033	0,286
CHR11	6027691	CHR11:6027691	SSF x LoA	-10,242	0,076	0,281
CHR11	6027785	CHR11:6027785	SSF x LoA	-7,595	-0,062	0,286
CHR11	6027857	CHR11:6027857	SSF x LoA	-10,206	-0,031	0,286
CHR11	6027869	CHR11:6027869	SSF x LoA	-8,878	-0,053	0,279
CHR11	6061612	CHR11:6061612	SSF x LoA	-10,983	0,022	0,284
CHR11	6061632	CHR11:6061632	SSF x LoA	-8,983	-0,101	0,292
CHR11	6065011	CHR11:6065011	SSF x LoA	-4,526	-0,176	0,264
CHR11	6065081	CHR11:6065081	SSF x LoA	-7,610	-0,076	0,283
CHR11	6065092	CHR11:6065092	SSF x LoA	-7,631	0,110	0,282
CHR11	6065109	CHR11:6065109	SSF x LoA	-5,780	0,146	0,281
CHR11	6065120	CHR11:6065120	SSF x LoA	-7,737	0,066	0,283
CHR11	6065124	CHR11:6065124	SSF x LoA	0,195	0,131	0,274
CHR11	6073404	CHR11:6073404	SSF x LoA	-9,261	0,094	0,296
CHR11	6073418	CHR11:6073418	SSF x LoA	-7,595	0,105	0,280
CHR11	6073443	CHR11:6073443	SSF x LoA	-8,866	0,002	0,312
CHR11	6073605	CHR11:6073605	SSF x LoA	-4,295	0,178	0,274
CHR11	6084894	CHR11:6084894	SSF x LoA	-10,472	0,054	0,289
CHR11	6085105	CHR11:6085105	SSF x LoA	-4,237	-0,199	0,288
CHR11	6131251	CHR11:6131251	SSF x LoA	-8,931	-0,064	0,283
CHR11	6131359	CHR11:6131359	SSF x LoA	-8,904	0,068	0,285
CHR11	6131362	CHR11:6131362	SSF x LoA	-6,402	-0,095	0,300
CHR11	6131544	CHR11:6131544	SSF x LoA	-7,355	0,123	0,270
CHR11	6131570	CHR11:6131570	SSF x LoA	-5,649	0,221	0,277
CHR11	6131665	CHR11:6131665	SSF x LoA	-8,394	0,146	0,280
CHR11	6131680	CHR11:6131680	SSF x LoA	-7,545	0,159	0,274
CHR11	6139860	CHR11:6139860	SSF x LoA	-9,006	0,096	0,279
CHR11	6140478	CHR11:6140478	SSF x LoA	-10,348	-0,066	0,283
CHR11	6160294	CHR11:6160294	SSF x LoA	-10,290	0,054	0,295
CHR11	6160334	CHR11:6160334	SSF x LoA	-7,835	0,068	0,293
CHR11	6160337	CHR11:6160337	SSF x LoA	-7,776	0,061	0,291
CHR11	6160354	CHR11:6160354	SSF x LoA	-6,367	0,137	0,265
CHR11	6160405	CHR11:6160405	SSF x LoA	-8,737	0,038	0,288
CHR11	6161041	CHR11:6161041	SSF x LoA	-10,053	-0,023	0,288
CHR11	6161051	CHR11:6161051	SSF x LoA	-9,136	0,003	0,295
CHR11	6161106	CHR11:6161106	SSF x LoA	-8,965	0,017	0,289
CHR11	6161113	CHR11:6161113	SSF x LoA	-7,846	-0,001	0,284
CHR11	6161126	CHR11:6161126	SSF x LoA	-9,596	0,005	0,280
CHR11	6161144	CHR11:6161144	SSF x LoA	-7,468	0,014	0,281
CHR11	6162147	CHR11:6162147	SSF x LoA	-10,187	0,051	0,277
CHR11	616244	CHR11:616244	SSF x LoA	-7,368	0,192	0,274
CHR11	616338	CHR11:616338	SSF x LoA	-10,624	0,018	0,290
CHR11	616352	CHR11:616352	SSF x LoA	-8,570	-0,036	0,285
CHR11	616484	CHR11:616484	SSF x LoA	-4,609	-0,090	0,307
CHR11	618188	CHR11:618188	SSF x LoA	-7,730	0,089	0,280
CHR11	618265	CHR11:618265	SSF x LoA	-9,495	-0,049	0,274
CHR11	6183698	CHR11:6183698	SSF x LoA	-9,042	-0,069	0,287
CHR11	6190401	CHR11:6190401	SSF x LoA	-7,757	0,098	0,296
CHR11	621382	CHR11:621382	SSF x LoA	-7,394	0,088	0,290
CHR11	621387	CHR11:621387	SSF x LoA	-11,781	0,013	0,279

CHR11	621412	CHR11:621412	SSF x LoA	-11,940	-0,038	0,283
CHR11	625687	CHR11:625687	SSF x LoA	-7,544	-0,135	0,293
CHR11	625716	CHR11:625716	SSF x LoA	-1,677	-0,098	0,295
CHR11	625718	CHR11:625718	SSF x LoA	-10,078	0,028	0,301
CHR11	625763	CHR11:625763	SSF x LoA	-6,338	-0,181	0,283
CHR11	625788	CHR11:625788	SSF x LoA	-10,863	-0,018	0,291
CHR11	628601	CHR11:628601	SSF x LoA	-8,965	-0,055	0,288
CHR11	628631	CHR11:628631	SSF x LoA	-10,499	0,119	0,275
CHR11	628637	CHR11:628637	SSF x LoA	-8,203	0,081	0,280
CHR11	630976	CHR11:630976	SSF x LoA	-5,635	-0,194	0,276
CHR11	631058	CHR11:631058	SSF x LoA	-8,299	-0,066	0,310
CHR11	631140	CHR11:631140	SSF x LoA	-7,074	-0,053	0,296
CHR11	631141	CHR11:631141	SSF x LoA	-9,684	-0,054	0,290
CHR11	6357304	CHR11:6357304	SSF x LoA	-9,474	0,088	0,290
CHR11	6374831	CHR11:6374831	SSF x LoA	-6,256	-0,091	0,298
CHR11	6374875	CHR11:6374875	SSF x LoA	-8,087	0,083	0,292
CHR11	6374943	CHR11:6374943	SSF x LoA	-10,077	-0,120	0,285
CHR11	6375162	CHR11:6375162	SSF x LoA	-10,236	0,075	0,289
CHR11	6392820	CHR11:6392820	SSF x LoA	-9,539	0,040	0,300
CHR11	6392836	CHR11:6392836	SSF x LoA	-8,873	0,046	0,276
CHR11	6392843	CHR11:6392843	SSF x LoA	-8,853	0,004	0,294
CHR11	6392857	CHR11:6392857	SSF x LoA	-7,359	0,017	0,295
CHR11	6392866	CHR11:6392866	SSF x LoA	-8,262	0,048	0,288
CHR11	6392878	CHR11:6392878	SSF x LoA	-7,295	0,057	0,306
CHR11	6392880	CHR11:6392880	SSF x LoA	-3,228	0,058	0,304
CHR11	6392881	CHR11:6392881	SSF x LoA	-8,742	0,015	0,296
CHR11	6392969	CHR11:6392969	SSF x LoA	-7,388	0,040	0,290
CHR11	6392984	CHR11:6392984	SSF x LoA	-8,206	-0,069	0,276
CHR11	6392986	CHR11:6392986	SSF x LoA	-7,306	-0,035	0,280
CHR11	6397979	CHR11:6397979	SSF x LoA	-6,613	-0,130	0,287
CHR11	6397983	CHR11:6397983	SSF x LoA	-8,165	-0,103	0,288
CHR11	6398017	CHR11:6398017	SSF x LoA	-7,202	-0,133	0,288
CHR11	6398120	CHR11:6398120	SSF x LoA	-9,443	-0,017	0,291
CHR11	6398154	CHR11:6398154	SSF x LoA	-2,336	-0,049	0,296
CHR11	6398183	CHR11:6398183	SSF x LoA	-7,256	0,140	0,277
CHR11	6400374	CHR11:6400374	SSF x LoA	-7,310	0,133	0,296
CHR11	640039	CHR11:640039	SSF x LoA	-9,680	-0,013	0,280
CHR11	640059	CHR11:640059	SSF x LoA	-7,475	0,074	0,291
CHR11	640064	CHR11:640064	SSF x LoA	-7,484	0,087	0,289
CHR11	640118	CHR11:640118	SSF x LoA	-7,230	-0,169	0,282
CHR11	640119	CHR11:640119	SSF x LoA	-5,038	0,202	0,288
CHR11	640190	CHR11:640190	SSF x LoA	-10,395	-0,014	0,279
CHR11	640200	CHR11:640200	SSF x LoA	-10,007	0,055	0,287
CHR11	640230	CHR11:640230	SSF x LoA	-7,828	0,112	0,278
CHR11	640243	CHR11:640243	SSF x LoA	-8,125	-0,076	0,279
CHR11	6402612	CHR11:6402612	SSF x LoA	-9,420	0,018	0,280
CHR11	6402661	CHR11:6402661	SSF x LoA	-8,265	0,048	0,286
CHR11	640280	CHR11:640280	SSF x LoA	-8,233	0,090	0,284
CHR11	640281	CHR11:640281	SSF x LoA	-7,701	0,125	0,294
CHR11	640300	CHR11:640300	SSF x LoA	-9,739	-0,005	0,288
CHR11	640305	CHR11:640305	SSF x LoA	-9,353	-0,075	0,314
CHR11	6407325	CHR11:6407325	SSF x LoA	-7,258	-0,125	0,296
CHR11	6407326	CHR11:6407326	SSF x LoA	-8,571	-0,039	0,288

CHR11	6407386	CHR11:6407386	SSF x LoA	-11,786	-0,008	0,286
CHR11	6459098	CHR11:6459098	SSF x LoA	-9,238	0,035	0,291
CHR11	6459302	CHR11:6459302	SSF x LoA	-9,572	-0,003	0,297
CHR11	6459311	CHR11:6459311	SSF x LoA	-11,332	0,017	0,296
CHR11	6468734	CHR11:6468734	SSF x LoA	-8,560	0,058	0,294
CHR11	6468749	CHR11:6468749	SSF x LoA	-9,625	-0,047	0,286
CHR11	6468788	CHR11:6468788	SSF x LoA	-10,027	-0,038	0,294
CHR11	6469145	CHR11:6469145	SSF x LoA	-7,592	-0,163	0,302
CHR11	6477739	CHR11:6477739	SSF x LoA	-7,742	-0,081	0,295
CHR11	649680	CHR11:649680	SSF x LoA	-9,124	-0,065	0,286
CHR11	649773	CHR11:649773	SSF x LoA	-7,279	0,102	0,297
CHR11	649813	CHR11:649813	SSF x LoA	-8,685	0,084	0,275
CHR11	6514360	CHR11:6514360	SSF x LoA	-10,553	0,065	0,289
CHR11	6514392	CHR11:6514392	SSF x LoA	-6,918	0,120	0,282
CHR11	6514440	CHR11:6514440	SSF x LoA	-6,500	0,149	0,289
CHR11	6516888	CHR11:6516888	SSF x LoA	-8,012	0,087	0,289
CHR11	6516912	CHR11:6516912	SSF x LoA	-9,154	0,028	0,292
CHR11	6517047	CHR11:6517047	SSF x LoA	-11,285	0,019	0,289
CHR11	6522023	CHR11:6522023	SSF x LoA	-8,701	0,082	0,287
CHR11	6522070	CHR11:6522070	SSF x LoA	-10,185	0,039	0,286
CHR11	6522109	CHR11:6522109	SSF x LoA	-10,297	-0,018	0,275
CHR11	6522124	CHR11:6522124	SSF x LoA	-10,922	-0,009	0,288
CHR11	6522254	CHR11:6522254	SSF x LoA	-9,226	0,029	0,287
CHR11	6522350	CHR11:6522350	SSF x LoA	-4,849	-0,041	0,290
CHR11	6522360	CHR11:6522360	SSF x LoA	-10,600	0,032	0,282
CHR11	6522367	CHR11:6522367	SSF x LoA	-11,339	0,021	0,281
CHR11	6526950	CHR11:6526950	SSF x LoA	-8,397	0,006	0,278
CHR11	6527067	CHR11:6527067	SSF x LoA	-0,647	0,009	0,294
CHR11	6527141	CHR11:6527141	SSF x LoA	-6,855	-0,032	0,295
CHR11	6527182	CHR11:6527182	SSF x LoA	-7,336	-0,071	0,287
CHR11	6527210	CHR11:6527210	SSF x LoA	-5,288	-0,104	0,285
CHR11	6530333	CHR11:6530333	SSF x LoA	-1,503	0,191	0,280
CHR11	6541632	CHR11:6541632	SSF x LoA	-6,770	0,123	0,311
CHR11	6541676	CHR11:6541676	SSF x LoA	-9,141	0,112	0,299
CHR11	6548756	CHR11:6548756	SSF x LoA	-9,204	-0,023	0,282
CHR11	6548812	CHR11:6548812	SSF x LoA	-7,042	-0,030	0,295
CHR11	6548928	CHR11:6548928	SSF x LoA	-9,151	-0,012	0,295
CHR11	6557742	CHR11:6557742	SSF x LoA	-8,496	-0,120	0,283
CHR11	6563418	CHR11:6563418	SSF x LoA	-9,365	0,117	0,267
CHR11	6563436	CHR11:6563436	SSF x LoA	-11,064	0,011	0,278
CHR11	6570331	CHR11:6570331	SSF x LoA	-8,386	-0,119	0,295
CHR11	6573973	CHR11:6573973	SSF x LoA	-8,498	0,045	0,287
CHR11	6677020	CHR11:6677020	SSF x LoA	-3,820	-0,193	0,281
CHR11	6677044	CHR11:6677044	SSF x LoA	-9,925	0,087	0,294
CHR11	6677105	CHR11:6677105	SSF x LoA	-7,984	0,116	0,290
CHR11	6677289	CHR11:6677289	SSF x LoA	-7,572	0,128	0,302
CHR11	6696718	CHR11:6696718	SSF x LoA	2,014	0,165	0,295
CHR11	6696829	CHR11:6696829	SSF x LoA	-8,062	0,013	0,302
CHR11	6726989	CHR11:6726989	SSF x LoA	-8,517	0,017	0,292
CHR11	6727012	CHR11:6727012	SSF x LoA	-4,207	0,131	0,282
CHR11	6727056	CHR11:6727056	SSF x LoA	-6,758	-0,070	0,289
CHR11	6730259	CHR11:6730259	SSF x LoA	-9,157	0,065	0,296
CHR11	6730269	CHR11:6730269	SSF x LoA	-7,393	0,074	0,304

CHR11	6730276	CHR11:6730276	SSF x LoA	-6,971	0,126	0,299
CHR11	6730306	CHR11:6730306	SSF x LoA	-8,682	-0,007	0,291
CHR11	6730309	CHR11:6730309	SSF x LoA	-10,035	-0,110	0,296
CHR11	6730363	CHR11:6730363	SSF x LoA	-8,582	0,012	0,278
CHR11	6730460	CHR11:6730460	SSF x LoA	-7,008	0,016	0,298
CHR11	6748909	CHR11:6748909	SSF x LoA	-5,539	0,117	0,292
CHR11	6748919	CHR11:6748919	SSF x LoA	-8,547	-0,043	0,290
CHR11	6748968	CHR11:6748968	SSF x LoA	-9,300	0,002	0,293
CHR11	6749010	CHR11:6749010	SSF x LoA	-6,958	0,138	0,298
CHR11	6749015	CHR11:6749015	SSF x LoA	-10,417	-0,039	0,284
CHR11	6749119	CHR11:6749119	SSF x LoA	-9,005	0,114	0,281
CHR11	6753667	CHR11:6753667	SSF x LoA	-6,421	0,057	0,303
CHR11	6759608	CHR11:6759608	SSF x LoA	-5,790	0,121	0,289
CHR11	6759631	CHR11:6759631	SSF x LoA	-7,613	0,145	0,302
CHR11	6759668	CHR11:6759668	SSF x LoA	-10,757	-0,026	0,286
CHR11	6759669	CHR11:6759669	SSF x LoA	-10,757	0,011	0,282
CHR11	6759687	CHR11:6759687	SSF x LoA	-8,799	-0,042	0,293
CHR11	6759712	CHR11:6759712	SSF x LoA	-9,203	0,047	0,287
CHR11	6759718	CHR11:6759718	SSF x LoA	-7,632	0,080	0,292
CHR11	6759766	CHR11:6759766	SSF x LoA	-9,362	0,055	0,292
CHR11	6767761	CHR11:6767761	SSF x LoA	-7,925	0,048	0,295
CHR11	6767823	CHR11:6767823	SSF x LoA	-7,129	-0,155	0,280
CHR11	6767932	CHR11:6767932	SSF x LoA	-6,598	-0,067	0,282
CHR11	6767958	CHR11:6767958	SSF x LoA	-10,210	-0,025	0,296
CHR11	6776710	CHR11:6776710	SSF x LoA	-6,275	-0,263	0,268
CHR11	6776757	CHR11:6776757	SSF x LoA	-7,889	0,099	0,292
CHR11	6776760	CHR11:6776760	SSF x LoA	-7,555	0,066	0,291
CHR11	6776789	CHR11:6776789	SSF x LoA	-5,738	-0,194	0,266
CHR11	6776845	CHR11:6776845	SSF x LoA	-8,334	-0,007	0,296
CHR11	6800997	CHR11:6800997	SSF x LoA	-7,429	0,048	0,295
CHR11	6806885	CHR11:6806885	SSF x LoA	-9,894	-0,080	0,283
CHR11	6806974	CHR11:6806974	SSF x LoA	-8,179	0,142	0,285
CHR11	680797	CHR11:680797	SSF x LoA	3,753	-0,289	0,257
CHR11	6821383	CHR11:6821383	SSF x LoA	-7,041	-0,130	0,280
CHR11	6821426	CHR11:6821426	SSF x LoA	-8,547	0,007	0,310
CHR11	6821470	CHR11:6821470	SSF x LoA	-8,548	0,006	0,280
CHR11	6821494	CHR11:6821494	SSF x LoA	-9,794	0,195	0,274
CHR11	6824692	CHR11:6824692	SSF x LoA	-6,388	0,124	0,278
CHR11	6824882	CHR11:6824882	SSF x LoA	-9,231	-0,017	0,291
CHR11	6824995	CHR11:6824995	SSF x LoA	-7,782	0,033	0,313
CHR11	6825000	CHR11:6825000	SSF x LoA	-7,816	0,059	0,286
CHR11	6831984	CHR11:6831984	SSF x LoA	-6,710	0,132	0,293
CHR11	6832012	CHR11:6832012	SSF x LoA	-6,332	0,142	0,282
CHR11	6832063	CHR11:6832063	SSF x LoA	-10,517	0,031	0,299
CHR11	6832096	CHR11:6832096	SSF x LoA	-9,854	0,008	0,293
CHR11	6835295	CHR11:6835295	SSF x LoA	-9,330	0,003	0,287
CHR11	6835475	CHR11:6835475	SSF x LoA	-7,518	-0,136	0,304
CHR11	6835544	CHR11:6835544	SSF x LoA	-10,409	-0,010	0,301
CHR11	6881115	CHR11:6881115	SSF x LoA	-10,194	0,130	0,293
CHR11	6881199	CHR11:6881199	SSF x LoA	-7,288	0,083	0,282
CHR11	6881228	CHR11:6881228	SSF x LoA	-7,788	0,060	0,282
CHR11	6881377	CHR11:6881377	SSF x LoA	-9,940	-0,100	0,293
CHR11	6881395	CHR11:6881395	SSF x LoA	-6,971	0,121	0,295

CHR11	6881524	CHR11:6881524	SSF x LoA	-6,985	0,040	0,293
CHR11	6881529	CHR11:6881529	SSF x LoA	-10,473	-0,068	0,290
CHR11	6881540	CHR11:6881540	SSF x LoA	-9,173	0,036	0,287
CHR11	6881543	CHR11:6881543	SSF x LoA	-10,670	-0,103	0,278
CHR11	6881551	CHR11:6881551	SSF x LoA	-8,921	-0,085	0,299
CHR11	6914791	CHR11:6914791	SSF x LoA	-9,296	-0,053	0,279
CHR11	6914871	CHR11:6914871	SSF x LoA	-9,391	-0,064	0,299
CHR11	6920711	CHR11:6920711	SSF x LoA	0,713	-0,105	0,295
CHR11	6928134	CHR11:6928134	SSF x LoA	-10,352	-0,072	0,293
CHR11	6948780	CHR11:6948780	SSF x LoA	-8,263	-0,044	0,291
CHR11	6948787	CHR11:6948787	SSF x LoA	-9,387	-0,046	0,289
CHR11	6948788	CHR11:6948788	SSF x LoA	-8,985	-0,080	0,281
CHR11	6948798	CHR11:6948798	SSF x LoA	-8,845	-0,057	0,267
CHR11	6948826	CHR11:6948826	SSF x LoA	-9,234	0,025	0,286
CHR11	6955379	CHR11:6955379	SSF x LoA	-7,878	-0,072	0,284
CHR11	6979926	CHR11:6979926	SSF x LoA	-8,607	0,052	0,284
CHR11	6979928	CHR11:6979928	SSF x LoA	-9,095	0,015	0,291
CHR11	6979965	CHR11:6979965	SSF x LoA	-10,104	0,086	0,275
CHR11	6983058	CHR11:6983058	SSF x LoA	-7,397	-0,170	0,272
CHR11	7001122	CHR11:7001122	SSF x LoA	-11,036	-0,010	0,287
CHR11	7001125	CHR11:7001125	SSF x LoA	-7,494	-0,116	0,284
CHR11	7001169	CHR11:7001169	SSF x LoA	-9,213	0,104	0,291
CHR11	7001205	CHR11:7001205	SSF x LoA	-8,760	-0,054	0,306
CHR11	7001215	CHR11:7001215	SSF x LoA	-6,227	0,040	0,285
CHR11	7014020	CHR11:7014020	SSF x LoA	-8,335	-0,156	0,286
CHR11	7014050	CHR11:7014050	SSF x LoA	-9,586	-0,115	0,288
CHR11	7014206	CHR11:7014206	SSF x LoA	-8,286	0,055	0,282
CHR11	7014217	CHR11:7014217	SSF x LoA	-10,100	0,042	0,297
CHR11	7014231	CHR11:7014231	SSF x LoA	-11,435	0,041	0,293
CHR11	7022633	CHR11:7022633	SSF x LoA	-9,492	0,067	0,292
CHR11	7022702	CHR11:7022702	SSF x LoA	-6,154	0,071	0,298
CHR11	7022731	CHR11:7022731	SSF x LoA	-6,666	-0,147	0,284
CHR11	7022768	CHR11:7022768	SSF x LoA	-7,731	-0,008	0,303
CHR11	7030086	CHR11:7030086	SSF x LoA	-8,755	0,120	0,282
CHR11	7030211	CHR11:7030211	SSF x LoA	-7,634	-0,095	0,304
CHR11	7030258	CHR11:7030258	SSF x LoA	-7,838	-0,011	0,294
CHR11	7030273	CHR11:7030273	SSF x LoA	-9,635	-0,036	0,288
CHR11	7030284	CHR11:7030284	SSF x LoA	-10,034	-0,074	0,290
CHR11	7030300	CHR11:7030300	SSF x LoA	-10,740	0,058	0,293
CHR11	7035985	CHR11:7035985	SSF x LoA	-9,410	-0,030	0,283
CHR11	7036028	CHR11:7036028	SSF x LoA	-7,292	-0,018	0,287
CHR11	7036172	CHR11:7036172	SSF x LoA	-7,495	-0,101	0,295
CHR11	7036182	CHR11:7036182	SSF x LoA	-8,264	-0,093	0,287
CHR11	7040315	CHR11:7040315	SSF x LoA	-9,485	-0,040	0,295
CHR11	7040594	CHR11:7040594	SSF x LoA	-7,316	-0,149	0,274
CHR11	7040747	CHR11:7040747	SSF x LoA	-7,373	-0,056	0,287
CHR11	7040816	CHR11:7040816	SSF x LoA	-9,798	0,024	0,290
CHR11	7040906	CHR11:7040906	SSF x LoA	-7,286	-0,019	0,296
CHR11	7055029	CHR11:7055029	SSF x LoA	-11,486	0,010	0,274
CHR11	7055355	CHR11:7055355	SSF x LoA	-10,066	-0,093	0,291
CHR11	7071121	CHR11:7071121	SSF x LoA	-8,719	0,063	0,285
CHR11	7071133	CHR11:7071133	SSF x LoA	-8,664	0,019	0,304
CHR11	7071406	CHR11:7071406	SSF x LoA	-9,746	0,058	0,275

CHR11	7071427	CHR11:7071427	SSF x LoA	-9,895	-0,055	0,287
CHR11	7077532	CHR11:7077532	SSF x LoA	-10,990	0,103	0,293
CHR11	7077587	CHR11:7077587	SSF x LoA	-6,921	-0,095	0,284
CHR11	7077636	CHR11:7077636	SSF x LoA	-7,138	-0,155	0,278
CHR11	7084309	CHR11:7084309	SSF x LoA	-9,799	-0,079	0,282
CHR11	7084459	CHR11:7084459	SSF x LoA	-6,588	-0,094	0,281
CHR11	7084559	CHR11:7084559	SSF x LoA	-9,177	-0,061	0,288
CHR11	7130206	CHR11:7130206	SSF x LoA	-8,381	0,168	0,287
CHR11	7130426	CHR11:7130426	SSF x LoA	-8,790	0,003	0,290
CHR11	7130541	CHR11:7130541	SSF x LoA	-7,825	0,158	0,297
CHR11	7135759	CHR11:7135759	SSF x LoA	-9,805	-0,098	0,292
CHR11	7135796	CHR11:7135796	SSF x LoA	-9,606	0,117	0,287
CHR11	7135803	CHR11:7135803	SSF x LoA	-9,285	-0,089	0,270
CHR11	7135852	CHR11:7135852	SSF x LoA	-8,116	0,096	0,285
CHR11	7135877	CHR11:7135877	SSF x LoA	-10,683	-0,080	0,280
CHR11	7135886	CHR11:7135886	SSF x LoA	-7,859	0,034	0,288
CHR11	7135961	CHR11:7135961	SSF x LoA	-10,260	-0,062	0,296
CHR11	7135965	CHR11:7135965	SSF x LoA	-6,486	-0,067	0,305
CHR11	7135966	CHR11:7135966	SSF x LoA	-8,192	-0,023	0,292
CHR11	7135967	CHR11:7135967	SSF x LoA	-8,526	-0,044	0,289
CHR11	7136012	CHR11:7136012	SSF x LoA	-7,805	-0,087	0,305
CHR11	7136050	CHR11:7136050	SSF x LoA	-10,175	0,083	0,276
CHR11	7136068	CHR11:7136068	SSF x LoA	-8,594	0,075	0,276
CHR11	7142133	CHR11:7142133	SSF x LoA	-7,731	-0,043	0,287
CHR11	7142225	CHR11:7142225	SSF x LoA	-7,768	-0,104	0,304
CHR11	7142236	CHR11:7142236	SSF x LoA	-9,126	0,012	0,276
CHR11	7142237	CHR11:7142237	SSF x LoA	-8,964	0,009	0,292
CHR11	7142306	CHR11:7142306	SSF x LoA	-7,363	0,157	0,274
CHR11	7142358	CHR11:7142358	SSF x LoA	-6,511	-0,097	0,301
CHR11	7142360	CHR11:7142360	SSF x LoA	-1,763	-0,083	0,291
CHR11	7150574	CHR11:7150574	SSF x LoA	-5,540	-0,192	0,278
CHR11	7150626	CHR11:7150626	SSF x LoA	-4,511	-0,184	0,279
CHR11	7150698	CHR11:7150698	SSF x LoA	-2,262	-0,172	0,262
CHR11	7150823	CHR11:7150823	SSF x LoA	-8,130	0,027	0,299
CHR11	7150843	CHR11:7150843	SSF x LoA	-8,311	-0,060	0,294
CHR11	7158093	CHR11:7158093	SSF x LoA	-7,945	0,025	0,297
CHR11	7158233	CHR11:7158233	SSF x LoA	-6,834	-0,060	0,296
CHR11	7163836	CHR11:7163836	SSF x LoA	-8,717	-0,099	0,277
CHR11	7163874	CHR11:7163874	SSF x LoA	-8,176	0,062	0,286
CHR11	7163881	CHR11:7163881	SSF x LoA	-9,449	-0,039	0,282
CHR11	7163927	CHR11:7163927	SSF x LoA	-8,018	0,085	0,268
CHR11	7163934	CHR11:7163934	SSF x LoA	-8,047	0,089	0,290
CHR11	7163978	CHR11:7163978	SSF x LoA	-5,772	0,104	0,293
CHR11	7177058	CHR11:7177058	SSF x LoA	-9,546	-0,064	0,284
CHR11	7200531	CHR11:7200531	SSF x LoA	-10,404	0,000	0,287
CHR11	7226047	CHR11:7226047	SSF x LoA	-10,290	0,036	0,286
CHR11	7272839	CHR11:7272839	SSF x LoA	-5,447	0,211	0,285
CHR11	727534	CHR11:727534	SSF x LoA	-10,199	-0,007	0,288
CHR11	727612	CHR11:727612	SSF x LoA	-9,320	-0,020	0,285
CHR11	727726	CHR11:727726	SSF x LoA	-9,858	0,116	0,287
CHR11	727822	CHR11:727822	SSF x LoA	-8,240	0,082	0,298
CHR11	727929	CHR11:727929	SSF x LoA	-10,568	-0,106	0,297
CHR11	7308810	CHR11:7308810	SSF x LoA	-4,420	-0,167	0,272

CHR11	7308824	CHR11:7308824	SSF x LoA	-7,980	-0,131	0,289
CHR11	7308969	CHR11:7308969	SSF x LoA	-9,127	0,083	0,284
CHR11	7310808	CHR11:7310808	SSF x LoA	-8,634	-0,110	0,285
CHR11	7311012	CHR11:7311012	SSF x LoA	-6,394	0,171	0,285
CHR11	7320230	CHR11:7320230	SSF x LoA	-2,403	-0,185	0,284
CHR11	7320397	CHR11:7320397	SSF x LoA	-7,728	-0,145	0,290
CHR11	7331429	CHR11:7331429	SSF x LoA	-9,618	0,052	0,288
CHR11	7366867	CHR11:7366867	SSF x LoA	-9,954	-0,037	0,295
CHR11	7366886	CHR11:7366886	SSF x LoA	-7,777	-0,044	0,283
CHR11	7366911	CHR11:7366911	SSF x LoA	-8,902	0,020	0,280
CHR11	7370275	CHR11:7370275	SSF x LoA	-8,040	-0,126	0,287
CHR11	7370343	CHR11:7370343	SSF x LoA	-9,367	-0,065	0,274
CHR11	7370397	CHR11:7370397	SSF x LoA	-9,266	-0,105	0,285
CHR11	7370520	CHR11:7370520	SSF x LoA	-9,473	-0,076	0,290
CHR11	7373940	CHR11:7373940	SSF x LoA	-9,019	0,044	0,292
CHR11	7387570	CHR11:7387570	SSF x LoA	-8,101	-0,059	0,288
CHR11	7416285	CHR11:7416285	SSF x LoA	-7,529	0,008	0,286
CHR11	7416484	CHR11:7416484	SSF x LoA	-7,495	0,031	0,294
CHR11	7420402	CHR11:7420402	SSF x LoA	-8,567	0,042	0,298
CHR11	7420454	CHR11:7420454	SSF x LoA	-7,503	0,118	0,300
CHR11	7420537	CHR11:7420537	SSF x LoA	-11,631	0,020	0,283
CHR11	7420539	CHR11:7420539	SSF x LoA	-7,743	0,028	0,295
CHR11	7420540	CHR11:7420540	SSF x LoA	-6,962	-0,036	0,289
CHR11	7420557	CHR11:7420557	SSF x LoA	-9,091	0,045	0,289
CHR11	7439384	CHR11:7439384	SSF x LoA	-11,590	0,050	0,282
CHR11	7469517	CHR11:7469517	SSF x LoA	-5,906	0,194	0,290
CHR11	7469551	CHR11:7469551	SSF x LoA	-7,030	0,171	0,286
CHR11	7469560	CHR11:7469560	SSF x LoA	-5,612	0,175	0,278
CHR11	7469568	CHR11:7469568	SSF x LoA	-4,452	0,160	0,295
CHR11	7469595	CHR11:7469595	SSF x LoA	1,372	-0,161	0,304
CHR11	7469661	CHR11:7469661	SSF x LoA	-9,768	-0,007	0,297
CHR11	7474302	CHR11:7474302	SSF x LoA	-8,835	0,063	0,284
CHR11	7474422	CHR11:7474422	SSF x LoA	-10,189	-0,057	0,272
CHR11	7474427	CHR11:7474427	SSF x LoA	-11,370	0,055	0,291
CHR11	7474470	CHR11:7474470	SSF x LoA	-8,779	-0,010	0,293
CHR11	7487111	CHR11:7487111	SSF x LoA	-6,711	-0,042	0,297
CHR11	7487177	CHR11:7487177	SSF x LoA	-8,598	-0,089	0,285
CHR11	7487212	CHR11:7487212	SSF x LoA	-6,454	0,167	0,286
CHR11	7487315	CHR11:7487315	SSF x LoA	-8,194	-0,066	0,289
CHR11	7499525	CHR11:7499525	SSF x LoA	-7,896	0,004	0,294
CHR11	7499532	CHR11:7499532	SSF x LoA	-8,614	-0,073	0,287
CHR11	7499542	CHR11:7499542	SSF x LoA	-9,097	-0,062	0,277
CHR11	7507609	CHR11:7507609	SSF x LoA	-7,936	-0,141	0,279
CHR11	7507725	CHR11:7507725	SSF x LoA	-7,489	-0,099	0,273
CHR11	7507792	CHR11:7507792	SSF x LoA	-7,035	0,124	0,294
CHR11	7507824	CHR11:7507824	SSF x LoA	-7,066	0,093	0,286
CHR11	7507833	CHR11:7507833	SSF x LoA	-7,862	-0,083	0,303
CHR11	7507835	CHR11:7507835	SSF x LoA	-11,389	0,045	0,291
CHR11	7507839	CHR11:7507839	SSF x LoA	-5,549	-0,158	0,293
CHR11	7507918	CHR11:7507918	SSF x LoA	-10,103	-0,080	0,290
CHR11	7507957	CHR11:7507957	SSF x LoA	-9,367	-0,062	0,287
CHR11	7508003	CHR11:7508003	SSF x LoA	-7,190	-0,019	0,288
CHR11	7520041	CHR11:7520041	SSF x LoA	-11,888	0,034	0,283

CHR11	7520072	CHR11:7520072	SSF x LoA	-7,373	0,047	0,295
CHR11	7520206	CHR11:7520206	SSF x LoA	-7,691	-0,076	0,275
CHR11	7520207	CHR11:7520207	SSF x LoA	-10,435	0,019	0,284
CHR11	7521521	CHR11:7521521	SSF x LoA	-10,374	-0,024	0,285
CHR11	7521544	CHR11:7521544	SSF x LoA	-8,746	-0,035	0,279
CHR11	7525801	CHR11:7525801	SSF x LoA	-9,426	-0,035	0,294
CHR11	7525947	CHR11:7525947	SSF x LoA	-7,681	0,013	0,291
CHR11	7547423	CHR11:7547423	SSF x LoA	-8,173	-0,029	0,292
CHR11	7547480	CHR11:7547480	SSF x LoA	-8,854	0,174	0,282
CHR11	7547576	CHR11:7547576	SSF x LoA	-7,439	0,119	0,309
CHR11	7551332	CHR11:7551332	SSF x LoA	-10,096	-0,066	0,294
CHR11	7551431	CHR11:7551431	SSF x LoA	-9,351	0,147	0,291
CHR11	7553633	CHR11:7553633	SSF x LoA	-9,654	-0,062	0,295
CHR11	7553711	CHR11:7553711	SSF x LoA	-8,472	-0,020	0,294
CHR11	7553719	CHR11:7553719	SSF x LoA	-3,637	0,210	0,275
CHR11	7553766	CHR11:7553766	SSF x LoA	-10,085	-0,063	0,294
CHR11	7553771	CHR11:7553771	SSF x LoA	-11,332	-0,050	0,290
CHR11	7553796	CHR11:7553796	SSF x LoA	-8,568	0,126	0,291
CHR11	7579212	CHR11:7579212	SSF x LoA	-8,539	-0,013	0,301
CHR11	7579475	CHR11:7579475	SSF x LoA	-9,589	0,091	0,290
CHR11	7594387	CHR11:7594387	SSF x LoA	-7,100	-0,067	0,288
CHR11	7594408	CHR11:7594408	SSF x LoA	-8,659	0,147	0,268
CHR11	7594410	CHR11:7594410	SSF x LoA	-6,911	-0,135	0,297
CHR11	7602517	CHR11:7602517	SSF x LoA	-6,617	0,055	0,267
CHR11	7602544	CHR11:7602544	SSF x LoA	-9,546	-0,093	0,289
CHR11	7603027	CHR11:7603027	SSF x LoA	-8,735	-0,013	0,294
CHR11	7603085	CHR11:7603085	SSF x LoA	-10,171	0,073	0,285
CHR11	7609492	CHR11:7609492	SSF x LoA	-8,293	0,116	0,301
CHR11	7609498	CHR11:7609498	SSF x LoA	-7,485	-0,022	0,283
CHR11	7609560	CHR11:7609560	SSF x LoA	-11,067	-0,016	0,283
CHR11	7609563	CHR11:7609563	SSF x LoA	-9,774	0,030	0,288
CHR11	7619418	CHR11:7619418	SSF x LoA	-7,881	0,002	0,298
CHR11	7643959	CHR11:7643959	SSF x LoA	-7,384	-0,157	0,283
CHR11	7651302	CHR11:7651302	SSF x LoA	-7,075	0,041	0,289
CHR11	7694908	CHR11:7694908	SSF x LoA	-7,698	-0,109	0,288
CHR11	7716921	CHR11:7716921	SSF x LoA	-9,414	0,061	0,277
CHR11	7756793	CHR11:7756793	SSF x LoA	-7,055	-0,119	0,286
CHR11	779177	CHR11:779177	SSF x LoA	-8,223	0,122	0,285
CHR11	779555	CHR11:779555	SSF x LoA	-9,346	0,010	0,302
CHR11	7898515	CHR11:7898515	SSF x LoA	-8,102	0,049	0,301
CHR11	7904204	CHR11:7904204	SSF x LoA	-9,215	0,031	0,302
CHR11	7919432	CHR11:7919432	SSF x LoA	-10,489	-0,011	0,288
CHR11	797185	CHR11:797185	SSF x LoA	-6,801	-0,179	0,283
CHR11	797202	CHR11:797202	SSF x LoA	-10,789	0,049	0,282
CHR11	8033323	CHR11:8033323	SSF x LoA	-9,885	-0,095	0,277
CHR11	8033608	CHR11:8033608	SSF x LoA	-10,317	-0,108	0,282
CHR11	804253	CHR11:804253	SSF x LoA	-8,786	-0,083	0,274
CHR11	804333	CHR11:804333	SSF x LoA	-6,942	-0,072	0,289
CHR11	804371	CHR11:804371	SSF x LoA	-8,030	0,057	0,279
CHR11	804384	CHR11:804384	SSF x LoA	-8,667	0,147	0,279
CHR11	804399	CHR11:804399	SSF x LoA	-8,917	0,011	0,284
CHR11	804401	CHR11:804401	SSF x LoA	-10,626	0,104	0,271
CHR11	804416	CHR11:804416	SSF x LoA	-10,163	-0,053	0,294

CHR11	804673	CHR11:804673	SSF x LoA	-9,797	0,118	0,271
CHR11	804765	CHR11:804765	SSF x LoA	-5,441	-0,098	0,296
CHR11	8061235	CHR11:8061235	SSF x LoA	-5,393	-0,122	0,293
CHR11	8061298	CHR11:8061298	SSF x LoA	-10,830	-0,021	0,281
CHR11	8061305	CHR11:8061305	SSF x LoA	-11,141	-0,051	0,283
CHR11	8061311	CHR11:8061311	SSF x LoA	-10,823	-0,036	0,284
CHR11	8061340	CHR11:8061340	SSF x LoA	-9,753	0,009	0,302
CHR11	8079605	CHR11:8079605	SSF x LoA	-8,919	-0,072	0,292
CHR11	8079690	CHR11:8079690	SSF x LoA	-3,146	0,141	0,294
CHR11	8079835	CHR11:8079835	SSF x LoA	-10,010	0,090	0,279
CHR11	8082012	CHR11:8082012	SSF x LoA	-9,882	-0,081	0,296
CHR11	8082085	CHR11:8082085	SSF x LoA	-7,367	0,123	0,301
CHR11	8082134	CHR11:8082134	SSF x LoA	-10,309	-0,061	0,292
CHR11	8082178	CHR11:8082178	SSF x LoA	-8,758	-0,010	0,291
CHR11	8094288	CHR11:8094288	SSF x LoA	-8,985	-0,002	0,281
CHR11	8102870	CHR11:8102870	SSF x LoA	-7,510	-0,075	0,306
CHR11	8102967	CHR11:8102967	SSF x LoA	-5,691	-0,057	0,283
CHR11	8103056	CHR11:8103056	SSF x LoA	-11,319	-0,030	0,293
CHR11	8103057	CHR11:8103057	SSF x LoA	-9,108	-0,045	0,305
CHR11	8103095	CHR11:8103095	SSF x LoA	-11,017	0,018	0,289
CHR11	8103106	CHR11:8103106	SSF x LoA	-8,142	0,075	0,299
CHR11	8103191	CHR11:8103191	SSF x LoA	-8,637	0,002	0,289
CHR11	8103193	CHR11:8103193	SSF x LoA	-4,619	0,003	0,301
CHR11	8103207	CHR11:8103207	SSF x LoA	-7,938	-0,029	0,305
CHR11	8109666	CHR11:8109666	SSF x LoA	-9,533	-0,084	0,279
CHR11	8109722	CHR11:8109722	SSF x LoA	-7,280	0,084	0,283
CHR11	8109748	CHR11:8109748	SSF x LoA	-8,192	0,072	0,284
CHR11	8109768	CHR11:8109768	SSF x LoA	-6,312	-0,037	0,299
CHR11	8109822	CHR11:8109822	SSF x LoA	-9,783	0,024	0,278
CHR11	8109842	CHR11:8109842	SSF x LoA	-10,922	0,025	0,280
CHR11	8109872	CHR11:8109872	SSF x LoA	-1,229	0,081	0,295
CHR11	8109889	CHR11:8109889	SSF x LoA	-9,818	0,023	0,303
CHR11	8109899	CHR11:8109899	SSF x LoA	-10,268	0,128	0,290
CHR11	8109917	CHR11:8109917	SSF x LoA	-10,798	-0,047	0,280
CHR11	8109972	CHR11:8109972	SSF x LoA	-8,352	0,027	0,297
CHR11	8110014	CHR11:8110014	SSF x LoA	-9,047	-0,028	0,284
CHR11	8120145	CHR11:8120145	SSF x LoA	-6,426	0,108	0,300
CHR11	8120287	CHR11:8120287	SSF x LoA	-9,087	0,004	0,284
CHR11	8126724	CHR11:8126724	SSF x LoA	-9,010	0,067	0,299
CHR11	8126865	CHR11:8126865	SSF x LoA	-9,179	0,067	0,284
CHR11	8126936	CHR11:8126936	SSF x LoA	-7,815	-0,032	0,295
CHR11	8126996	CHR11:8126996	SSF x LoA	-8,218	-0,134	0,293
CHR11	8138230	CHR11:8138230	SSF x LoA	-2,831	-0,169	0,289
CHR11	8138455	CHR11:8138455	SSF x LoA	-8,093	0,106	0,289
CHR11	8138587	CHR11:8138587	SSF x LoA	-9,561	0,018	0,305
CHR11	8138589	CHR11:8138589	SSF x LoA	-6,402	0,136	0,299
CHR11	8138591	CHR11:8138591	SSF x LoA	-8,086	0,022	0,289
CHR11	8146790	CHR11:8146790	SSF x LoA	-9,636	-0,113	0,280
CHR11	8147480	CHR11:8147480	SSF x LoA	-9,365	0,074	0,295
CHR11	8147490	CHR11:8147490	SSF x LoA	-6,750	-0,073	0,291
CHR11	8147506	CHR11:8147506	SSF x LoA	-8,512	-0,043	0,286
CHR11	8147508	CHR11:8147508	SSF x LoA	-10,140	-0,065	0,282
CHR11	8147629	CHR11:8147629	SSF x LoA	-9,597	-0,106	0,288

CHR11	8147639	CHR11:8147639	SSF x LoA	-5,211	-0,113	0,280
CHR11	8147668	CHR11:8147668	SSF x LoA	-8,734	-0,040	0,293
CHR11	8147722	CHR11:8147722	SSF x LoA	-9,468	-0,005	0,283
CHR11	8147754	CHR11:8147754	SSF x LoA	-8,657	-0,003	0,286
CHR11	8147761	CHR11:8147761	SSF x LoA	-9,133	0,010	0,290
CHR11	8147777	CHR11:8147777	SSF x LoA	-8,557	-0,048	0,299
CHR11	8154098	CHR11:8154098	SSF x LoA	-3,697	-0,120	0,289
CHR11	8154103	CHR11:8154103	SSF x LoA	-3,927	-0,178	0,285
CHR11	8154104	CHR11:8154104	SSF x LoA	-8,015	-0,110	0,287
CHR11	8154156	CHR11:8154156	SSF x LoA	-10,783	0,044	0,293
CHR11	8154209	CHR11:8154209	SSF x LoA	-8,783	-0,024	0,294
CHR11	8154216	CHR11:8154216	SSF x LoA	-10,605	0,004	0,295
CHR11	8154219	CHR11:8154219	SSF x LoA	-11,371	0,027	0,286
CHR11	8154235	CHR11:8154235	SSF x LoA	-9,473	0,010	0,283
CHR11	8154320	CHR11:8154320	SSF x LoA	-5,134	-0,016	0,282
CHR11	8164873	CHR11:8164873	SSF x LoA	-7,307	-0,070	0,286
CHR11	8164886	CHR11:8164886	SSF x LoA	-6,330	-0,086	0,292
CHR11	8164914	CHR11:8164914	SSF x LoA	-9,962	-0,027	0,287
CHR11	8164916	CHR11:8164916	SSF x LoA	-9,222	0,037	0,288
CHR11	8164925	CHR11:8164925	SSF x LoA	-8,913	0,010	0,292
CHR11	8164927	CHR11:8164927	SSF x LoA	-6,887	0,042	0,288
CHR11	8164963	CHR11:8164963	SSF x LoA	-8,950	0,044	0,292
CHR11	8164989	CHR11:8164989	SSF x LoA	-7,466	-0,094	0,290
CHR11	8165046	CHR11:8165046	SSF x LoA	-7,124	-0,125	0,279
CHR11	8165049	CHR11:8165049	SSF x LoA	-6,811	-0,132	0,272
CHR11	8165074	CHR11:8165074	SSF x LoA	-10,988	-0,053	0,278
CHR11	8165078	CHR11:8165078	SSF x LoA	-8,968	0,035	0,281
CHR11	8176359	CHR11:8176359	SSF x LoA	-10,691	-0,045	0,277
CHR11	8188222	CHR11:8188222	SSF x LoA	-8,729	-0,026	0,290
CHR11	8188289	CHR11:8188289	SSF x LoA	-10,112	0,016	0,291
CHR11	8188343	CHR11:8188343	SSF x LoA	-6,380	0,117	0,291
CHR11	8188470	CHR11:8188470	SSF x LoA	-3,935	-0,111	0,289
CHR11	8188482	CHR11:8188482	SSF x LoA	-7,651	0,090	0,281
CHR11	8191677	CHR11:8191677	SSF x LoA	-7,259	0,048	0,285
CHR11	8191691	CHR11:8191691	SSF x LoA	-9,862	0,023	0,290
CHR11	8194489	CHR11:8194489	SSF x LoA	-8,213	0,055	0,278
CHR11	8194541	CHR11:8194541	SSF x LoA	-5,838	0,057	0,289
CHR11	8194603	CHR11:8194603	SSF x LoA	-9,161	0,149	0,287
CHR11	8194709	CHR11:8194709	SSF x LoA	-1,229	0,094	0,283
CHR11	8194758	CHR11:8194758	SSF x LoA	-9,424	-0,015	0,295
CHR11	8194772	CHR11:8194772	SSF x LoA	-7,431	-0,078	0,297
CHR11	8207906	CHR11:8207906	SSF x LoA	-11,498	0,049	0,293
CHR11	8220073	CHR11:8220073	SSF x LoA	-11,968	-0,001	0,280
CHR11	8220079	CHR11:8220079	SSF x LoA	-7,805	-0,151	0,274
CHR11	8220110	CHR11:8220110	SSF x LoA	-5,387	0,131	0,276
CHR11	8220166	CHR11:8220166	SSF x LoA	-11,193	-0,001	0,283
CHR11	8230159	CHR11:8230159	SSF x LoA	-8,882	-0,051	0,294
CHR11	8230182	CHR11:8230182	SSF x LoA	-9,575	-0,062	0,283
CHR11	8230183	CHR11:8230183	SSF x LoA	-11,429	-0,048	0,296
CHR11	8230229	CHR11:8230229	SSF x LoA	-9,817	0,034	0,278
CHR11	8230333	CHR11:8230333	SSF x LoA	-7,619	-0,099	0,283
CHR11	8230525	CHR11:8230525	SSF x LoA	-8,671	0,137	0,281
CHR11	823342	CHR11:823342	SSF x LoA	-6,532	0,153	0,287

CHR11	823437	CHR11:823437	SSF x LoA	-7,844	0,087	0,286
CHR11	8247149	CHR11:8247149	SSF x LoA	-5,522	0,121	0,296
CHR11	8247164	CHR11:8247164	SSF x LoA	-7,817	0,080	0,289
CHR11	8247173	CHR11:8247173	SSF x LoA	-10,829	-0,033	0,280
CHR11	8247266	CHR11:8247266	SSF x LoA	-7,470	0,128	0,286
CHR11	8247298	CHR11:8247298	SSF x LoA	-9,004	-0,065	0,267
CHR11	8247424	CHR11:8247424	SSF x LoA	-5,642	0,169	0,278
CHR11	8247448	CHR11:8247448	SSF x LoA	-9,117	0,018	0,298
CHR11	8259766	CHR11:8259766	SSF x LoA	-9,946	0,106	0,277
CHR11	8259829	CHR11:8259829	SSF x LoA	-7,776	0,215	0,277
CHR11	8259923	CHR11:8259923	SSF x LoA	-10,263	0,093	0,282
CHR11	8265730	CHR11:8265730	SSF x LoA	-6,789	-0,070	0,290
CHR11	8268119	CHR11:8268119	SSF x LoA	-8,415	-0,021	0,281
CHR11	8268278	CHR11:8268278	SSF x LoA	-10,599	-0,007	0,294
CHR11	8268291	CHR11:8268291	SSF x LoA	-8,600	0,049	0,290
CHR11	8272165	CHR11:8272165	SSF x LoA	-10,477	0,079	0,286
CHR11	8272173	CHR11:8272173	SSF x LoA	-6,583	0,077	0,292
CHR11	8272204	CHR11:8272204	SSF x LoA	-5,710	-0,122	0,303
CHR11	8272218	CHR11:8272218	SSF x LoA	-3,076	0,233	0,264
CHR11	8272228	CHR11:8272228	SSF x LoA	1,040	-0,079	0,302
CHR11	8272237	CHR11:8272237	SSF x LoA	-10,448	0,086	0,290
CHR11	8272292	CHR11:8272292	SSF x LoA	-4,660	0,051	0,287
CHR11	8272326	CHR11:8272326	SSF x LoA	-9,335	-0,046	0,287
CHR11	8272332	CHR11:8272332	SSF x LoA	-8,654	-0,112	0,285
CHR11	8272480	CHR11:8272480	SSF x LoA	-9,379	-0,089	0,287
CHR11	8277926	CHR11:8277926	SSF x LoA	-10,107	0,046	0,285
CHR11	8277996	CHR11:8277996	SSF x LoA	-8,883	0,027	0,286
CHR11	8279895	CHR11:8279895	SSF x LoA	-8,179	0,009	0,300
CHR11	8279903	CHR11:8279903	SSF x LoA	-8,656	-0,018	0,299
CHR11	8279940	CHR11:8279940	SSF x LoA	-8,891	0,027	0,273
CHR11	8281896	CHR11:8281896	SSF x LoA	-9,666	-0,035	0,295
CHR11	8282061	CHR11:8282061	SSF x LoA	-6,905	0,007	0,302
CHR11	8282098	CHR11:8282098	SSF x LoA	-8,302	0,025	0,281
CHR11	8288213	CHR11:8288213	SSF x LoA	-10,647	0,020	0,289
CHR11	8288467	CHR11:8288467	SSF x LoA	-8,105	0,103	0,284
CHR11	8296329	CHR11:8296329	SSF x LoA	-9,486	0,003	0,292
CHR11	8296339	CHR11:8296339	SSF x LoA	-8,606	-0,106	0,273
CHR11	8296346	CHR11:8296346	SSF x LoA	-9,784	0,043	0,295
CHR11	8296456	CHR11:8296456	SSF x LoA	-6,465	-0,050	0,292
CHR11	8302221	CHR11:8302221	SSF x LoA	-5,919	-0,019	0,296
CHR11	8302264	CHR11:8302264	SSF x LoA	-5,992	-0,183	0,270
CHR11	8302477	CHR11:8302477	SSF x LoA	-9,526	0,020	0,299
CHR11	831414	CHR11:831414	SSF x LoA	-7,919	-0,087	0,289
CHR11	8315104	CHR11:8315104	SSF x LoA	-10,423	0,054	0,294
CHR11	8315138	CHR11:8315138	SSF x LoA	-10,462	-0,040	0,273
CHR11	8315302	CHR11:8315302	SSF x LoA	-7,389	-0,123	0,290
CHR11	8317921	CHR11:8317921	SSF x LoA	-9,042	-0,093	0,288
CHR11	8317929	CHR11:8317929	SSF x LoA	-10,399	-0,062	0,297
CHR11	8320150	CHR11:8320150	SSF x LoA	-11,682	-0,049	0,273
CHR11	8320160	CHR11:8320160	SSF x LoA	-9,060	-0,022	0,288
CHR11	8320344	CHR11:8320344	SSF x LoA	-2,193	0,176	0,286
CHR11	832250	CHR11:832250	SSF x LoA	-9,833	0,020	0,294
CHR11	832255	CHR11:832255	SSF x LoA	-9,005	-0,072	0,292

CHR11	832270	CHR11:832270	SSF x LoA	-7,018	0,138	0,283
CHR11	8337484	CHR11:8337484	SSF x LoA	-7,819	-0,009	0,309
CHR11	8337519	CHR11:8337519	SSF x LoA	-6,150	-0,057	0,300
CHR11	8337606	CHR11:8337606	SSF x LoA	-9,800	0,033	0,300
CHR11	8337754	CHR11:8337754	SSF x LoA	-11,133	0,097	0,276
CHR11	8337793	CHR11:8337793	SSF x LoA	-6,971	-0,006	0,299
CHR11	8337863	CHR11:8337863	SSF x LoA	-4,758	-0,100	0,295
CHR11	8337897	CHR11:8337897	SSF x LoA	-9,468	-0,026	0,294
CHR11	8341262	CHR11:8341262	SSF x LoA	-8,990	0,047	0,284
CHR11	8341285	CHR11:8341285	SSF x LoA	-10,329	0,043	0,289
CHR11	8341348	CHR11:8341348	SSF x LoA	-8,376	0,072	0,291
CHR11	8341351	CHR11:8341351	SSF x LoA	-10,298	0,036	0,296
CHR11	8341432	CHR11:8341432	SSF x LoA	-9,441	0,107	0,292
CHR11	8341441	CHR11:8341441	SSF x LoA	-9,179	0,005	0,293
CHR11	8346724	CHR11:8346724	SSF x LoA	-6,153	0,081	0,291
CHR11	8346773	CHR11:8346773	SSF x LoA	-9,965	-0,035	0,302
CHR11	8347298	CHR11:8347298	SSF x LoA	-8,455	-0,062	0,288
CHR11	8347358	CHR11:8347358	SSF x LoA	-3,799	-0,044	0,284
CHR11	8347419	CHR11:8347419	SSF x LoA	-9,058	-0,029	0,298
CHR11	8349171	CHR11:8349171	SSF x LoA	-8,925	-0,032	0,293
CHR11	8349244	CHR11:8349244	SSF x LoA	-7,569	-0,021	0,286
CHR11	8351590	CHR11:8351590	SSF x LoA	-7,945	0,111	0,288
CHR11	8357937	CHR11:8357937	SSF x LoA	-7,542	0,087	0,296
CHR11	8357950	CHR11:8357950	SSF x LoA	-10,720	0,063	0,280
CHR11	8358000	CHR11:8358000	SSF x LoA	-10,091	0,054	0,285
CHR11	8359286	CHR11:8359286	SSF x LoA	-6,122	-0,036	0,290
CHR11	8364160	CHR11:8364160	SSF x LoA	-10,803	0,076	0,282
CHR11	8364320	CHR11:8364320	SSF x LoA	-5,385	-0,069	0,279
CHR11	8364451	CHR11:8364451	SSF x LoA	-5,657	-0,233	0,274
CHR11	8373227	CHR11:8373227	SSF x LoA	-9,890	0,010	0,298
CHR11	8373241	CHR11:8373241	SSF x LoA	-9,319	0,086	0,293
CHR11	8373258	CHR11:8373258	SSF x LoA	-10,812	0,027	0,293
CHR11	8373301	CHR11:8373301	SSF x LoA	-6,507	0,187	0,282
CHR11	8373307	CHR11:8373307	SSF x LoA	-9,614	-0,053	0,285
CHR11	8373445	CHR11:8373445	SSF x LoA	-7,670	0,023	0,290
CHR11	8373520	CHR11:8373520	SSF x LoA	-9,445	-0,034	0,289
CHR11	8373706	CHR11:8373706	SSF x LoA	-7,593	0,048	0,275
CHR11	837977	CHR11:837977	SSF x LoA	-8,338	0,041	0,283
CHR11	838019	CHR11:838019	SSF x LoA	-9,082	-0,035	0,291
CHR11	8380485	CHR11:8380485	SSF x LoA	-10,809	0,006	0,285
CHR11	8380525	CHR11:8380525	SSF x LoA	-7,808	-0,043	0,295
CHR11	8380532	CHR11:8380532	SSF x LoA	-6,312	0,130	0,294
CHR11	8380581	CHR11:8380581	SSF x LoA	-7,441	-0,074	0,285
CHR11	8380586	CHR11:8380586	SSF x LoA	-4,834	-0,047	0,294
CHR11	8380590	CHR11:8380590	SSF x LoA	-7,087	-0,063	0,293
CHR11	8380597	CHR11:8380597	SSF x LoA	-8,882	-0,065	0,282
CHR11	8384869	CHR11:8384869	SSF x LoA	-6,744	-0,024	0,291
CHR11	8384879	CHR11:8384879	SSF x LoA	-9,942	-0,073	0,289
CHR11	8384899	CHR11:8384899	SSF x LoA	-10,994	-0,010	0,295
CHR11	8385050	CHR11:8385050	SSF x LoA	-9,084	0,089	0,291
CHR11	8385164	CHR11:8385164	SSF x LoA	-8,292	-0,063	0,288
CHR11	845130	CHR11:845130	SSF x LoA	-9,049	0,020	0,296
CHR11	845147	CHR11:845147	SSF x LoA	-11,558	-0,044	0,286

CHR11	845767	CHR11:845767	SSF x LoA	-9,754	0,037	0,287
CHR11	845806	CHR11:845806	SSF x LoA	-10,294	-0,023	0,295
CHR11	8496899	CHR11:8496899	SSF x LoA	-5,850	0,045	0,276
CHR11	8496930	CHR11:8496930	SSF x LoA	-8,392	0,011	0,286
CHR11	8497000	CHR11:8497000	SSF x LoA	-7,371	0,101	0,289
CHR11	8497043	CHR11:8497043	SSF x LoA	-9,072	0,158	0,284
CHR11	8519779	CHR11:8519779	SSF x LoA	-10,656	0,002	0,272
CHR11	8519793	CHR11:8519793	SSF x LoA	-9,514	0,038	0,296
CHR11	8519900	CHR11:8519900	SSF x LoA	-7,879	0,092	0,286
CHR11	8519909	CHR11:8519909	SSF x LoA	-10,624	0,008	0,292
CHR11	8519970	CHR11:8519970	SSF x LoA	-8,840	0,001	0,296
CHR11	8519973	CHR11:8519973	SSF x LoA	-8,611	-0,097	0,281
CHR11	8522312	CHR11:8522312	SSF x LoA	-9,392	-0,029	0,283
CHR11	8522356	CHR11:8522356	SSF x LoA	-8,191	-0,084	0,292
CHR11	8522434	CHR11:8522434	SSF x LoA	-6,896	-0,076	0,298
CHR11	8526967	CHR11:8526967	SSF x LoA	-4,819	0,162	0,277
CHR11	8527043	CHR11:8527043	SSF x LoA	2,808	0,138	0,288
CHR11	8538919	CHR11:8538919	SSF x LoA	-7,793	-0,121	0,290
CHR11	8539009	CHR11:8539009	SSF x LoA	-8,798	0,034	0,290
CHR11	8539156	CHR11:8539156	SSF x LoA	-5,466	-0,172	0,292
CHR11	8553596	CHR11:8553596	SSF x LoA	-7,574	0,079	0,276
CHR11	8553644	CHR11:8553644	SSF x LoA	-6,849	0,092	0,287
CHR11	8553667	CHR11:8553667	SSF x LoA	-9,806	0,008	0,281
CHR11	8595112	CHR11:8595112	SSF x LoA	-9,863	0,104	0,293
CHR11	8595237	CHR11:8595237	SSF x LoA	1,392	0,210	0,288
CHR11	8595272	CHR11:8595272	SSF x LoA	-7,323	0,114	0,284
CHR11	8595391	CHR11:8595391	SSF x LoA	-8,938	0,086	0,286
CHR11	8608790	CHR11:8608790	SSF x LoA	-8,706	0,096	0,288
CHR11	8612689	CHR11:8612689	SSF x LoA	-7,525	0,027	0,297
CHR11	8617368	CHR11:8617368	SSF x LoA	-5,830	0,152	0,287
CHR11	8624465	CHR11:8624465	SSF x LoA	-11,359	-0,033	0,281
CHR11	8624658	CHR11:8624658	SSF x LoA	-7,154	0,102	0,306
CHR11	8631308	CHR11:8631308	SSF x LoA	-10,663	0,061	0,302
CHR11	8631523	CHR11:8631523	SSF x LoA	-7,841	-0,103	0,280
CHR11	8631524	CHR11:8631524	SSF x LoA	-8,533	-0,094	0,280
CHR11	8631649	CHR11:8631649	SSF x LoA	-7,097	-0,147	0,277
CHR11	8631662	CHR11:8631662	SSF x LoA	-9,008	0,146	0,281
CHR11	8631677	CHR11:8631677	SSF x LoA	-6,957	0,099	0,297
CHR11	8631695	CHR11:8631695	SSF x LoA	-2,911	-0,130	0,288
CHR11	8652460	CHR11:8652460	SSF x LoA	-11,714	-0,024	0,278
CHR11	8652605	CHR11:8652605	SSF x LoA	-6,090	0,125	0,295
CHR11	865300	CHR11:865300	SSF x LoA	-10,826	0,043	0,296
CHR11	865459	CHR11:865459	SSF x LoA	-11,451	0,025	0,280
CHR11	8660729	CHR11:8660729	SSF x LoA	-9,745	0,106	0,279
CHR11	8665836	CHR11:8665836	SSF x LoA	-8,599	0,131	0,301
CHR11	8705395	CHR11:8705395	SSF x LoA	-7,748	-0,063	0,299
CHR11	8708649	CHR11:8708649	SSF x LoA	-8,222	-0,036	0,312
CHR11	8711340	CHR11:8711340	SSF x LoA	-5,813	-0,102	0,296
CHR11	8711383	CHR11:8711383	SSF x LoA	-9,279	-0,016	0,307
CHR11	8711521	CHR11:8711521	SSF x LoA	-7,892	-0,102	0,274
CHR11	8715129	CHR11:8715129	SSF x LoA	-8,572	-0,093	0,295
CHR11	8715183	CHR11:8715183	SSF x LoA	-9,943	-0,036	0,301
CHR11	8715261	CHR11:8715261	SSF x LoA	-10,763	-0,008	0,289

CHR11	8729002	CHR11:8729002	SSF x LoA	-7,987	0,114	0,280
CHR11	874102	CHR11:874102	SSF x LoA	-6,380	0,098	0,274
CHR11	874199	CHR11:874199	SSF x LoA	-10,051	-0,107	0,303
CHR11	874222	CHR11:874222	SSF x LoA	-8,027	0,004	0,277
CHR11	8747043	CHR11:8747043	SSF x LoA	-6,790	0,107	0,289
CHR11	8747260	CHR11:8747260	SSF x LoA	-7,425	-0,022	0,287
CHR11	8747304	CHR11:8747304	SSF x LoA	-0,155	-0,005	0,291
CHR11	8747348	CHR11:8747348	SSF x LoA	-7,555	0,161	0,282
CHR11	8760773	CHR11:8760773	SSF x LoA	-10,173	0,076	0,303
CHR11	8760979	CHR11:8760979	SSF x LoA	-11,474	-0,051	0,289
CHR11	8761029	CHR11:8761029	SSF x LoA	-11,137	0,018	0,292
CHR11	8767761	CHR11:8767761	SSF x LoA	-9,364	0,057	0,301
CHR11	8767762	CHR11:8767762	SSF x LoA	-9,511	-0,050	0,283
CHR11	8767787	CHR11:8767787	SSF x LoA	-7,802	0,024	0,299
CHR11	8767996	CHR11:8767996	SSF x LoA	-6,916	-0,026	0,284
CHR11	8772734	CHR11:8772734	SSF x LoA	-10,055	0,034	0,296
CHR11	8796155	CHR11:8796155	SSF x LoA	-8,466	0,049	0,289
CHR11	8796244	CHR11:8796244	SSF x LoA	-9,076	-0,079	0,281
CHR11	8796363	CHR11:8796363	SSF x LoA	-10,375	-0,017	0,283
CHR11	8796399	CHR11:8796399	SSF x LoA	-7,995	-0,001	0,302
CHR11	8797397	CHR11:8797397	SSF x LoA	-8,267	0,088	0,282
CHR11	8797448	CHR11:8797448	SSF x LoA	-9,655	0,047	0,294
CHR11	8797744	CHR11:8797744	SSF x LoA	-8,507	-0,006	0,286
CHR11	8797861	CHR11:8797861	SSF x LoA	-10,437	-0,029	0,297
CHR11	8798963	CHR11:8798963	SSF x LoA	2,395	0,023	0,295
CHR11	880014	CHR11:880014	SSF x LoA	-9,621	0,061	0,288
CHR11	8807428	CHR11:8807428	SSF x LoA	-8,766	0,133	0,268
CHR11	8807481	CHR11:8807481	SSF x LoA	-3,160	-0,208	0,278
CHR11	8807512	CHR11:8807512	SSF x LoA	-9,934	-0,126	0,284
CHR11	8807570	CHR11:8807570	SSF x LoA	-5,647	-0,258	0,271
CHR11	8808586	CHR11:8808586	SSF x LoA	-5,523	0,210	0,285
CHR11	8808593	CHR11:8808593	SSF x LoA	-5,539	0,196	0,277
CHR11	8829716	CHR11:8829716	SSF x LoA	-4,821	0,213	0,278
CHR11	8829753	CHR11:8829753	SSF x LoA	-6,481	-0,200	0,279
CHR11	8829798	CHR11:8829798	SSF x LoA	-9,718	-0,147	0,266
CHR11	8833330	CHR11:8833330	SSF x LoA	-9,389	0,002	0,294
CHR11	8833391	CHR11:8833391	SSF x LoA	-7,689	0,143	0,293
CHR11	8833488	CHR11:8833488	SSF x LoA	-7,758	-0,092	0,289
CHR11	8833492	CHR11:8833492	SSF x LoA	-4,702	-0,079	0,284
CHR11	8833493	CHR11:8833493	SSF x LoA	-9,032	-0,091	0,295
CHR11	8833532	CHR11:8833532	SSF x LoA	-8,356	0,155	0,268
CHR11	8833548	CHR11:8833548	SSF x LoA	-5,959	-0,092	0,301
CHR11	8833552	CHR11:8833552	SSF x LoA	-7,679	-0,024	0,308
CHR11	8833571	CHR11:8833571	SSF x LoA	-8,219	0,121	0,294
CHR11	8841778	CHR11:8841778	SSF x LoA	-9,061	-0,023	0,278
CHR11	884203	CHR11:884203	SSF x LoA	-10,865	-0,045	0,272
CHR11	8842061	CHR11:8842061	SSF x LoA	-6,263	0,030	0,279
CHR11	8842069	CHR11:8842069	SSF x LoA	-8,577	-0,027	0,307
CHR11	8842073	CHR11:8842073	SSF x LoA	-8,425	0,043	0,292
CHR11	884465	CHR11:884465	SSF x LoA	-7,683	-0,035	0,292
CHR11	8863882	CHR11:8863882	SSF x LoA	-7,658	0,009	0,291
CHR11	8863996	CHR11:8863996	SSF x LoA	-3,741	-0,183	0,270
CHR11	8885103	CHR11:8885103	SSF x LoA	-10,016	-0,031	0,272

CHR11	8885294	CHR11:8885294	SSF x LoA	-11,095	0,040	0,286
CHR11	8885311	CHR11:8885311	SSF x LoA	-10,597	-0,085	0,293
CHR11	8885339	CHR11:8885339	SSF x LoA	-9,587	0,003	0,289
CHR11	8892351	CHR11:8892351	SSF x LoA	-8,569	0,098	0,291
CHR11	8900762	CHR11:8900762	SSF x LoA	-7,743	0,062	0,285
CHR11	8907030	CHR11:8907030	SSF x LoA	-7,943	-0,062	0,284
CHR11	8907038	CHR11:8907038	SSF x LoA	-8,550	-0,036	0,288
CHR11	8907156	CHR11:8907156	SSF x LoA	-4,864	0,142	0,272
CHR11	8907182	CHR11:8907182	SSF x LoA	-9,721	-0,124	0,282
CHR11	8907199	CHR11:8907199	SSF x LoA	-9,187	-0,101	0,280
CHR11	8907212	CHR11:8907212	SSF x LoA	-8,287	0,004	0,292
CHR11	8907730	CHR11:8907730	SSF x LoA	-8,628	0,033	0,277
CHR11	8907734	CHR11:8907734	SSF x LoA	-8,850	-0,002	0,293
CHR11	8912135	CHR11:8912135	SSF x LoA	-10,263	-0,013	0,293
CHR11	8912437	CHR11:8912437	SSF x LoA	-9,195	-0,043	0,272
CHR11	8912447	CHR11:8912447	SSF x LoA	-7,641	0,062	0,288
CHR11	8920507	CHR11:8920507	SSF x LoA	-8,188	0,012	0,279
CHR11	8920588	CHR11:8920588	SSF x LoA	-9,756	0,028	0,302
CHR11	8920595	CHR11:8920595	SSF x LoA	-2,828	0,015	0,287
CHR11	8920671	CHR11:8920671	SSF x LoA	-10,158	0,011	0,298
CHR11	8934866	CHR11:8934866	SSF x LoA	-9,077	0,019	0,304
CHR11	8942905	CHR11:8942905	SSF x LoA	-9,593	-0,056	0,283
CHR11	8942916	CHR11:8942916	SSF x LoA	-5,793	-0,026	0,298
CHR11	8942946	CHR11:8942946	SSF x LoA	-6,535	0,034	0,286
CHR11	8942961	CHR11:8942961	SSF x LoA	-7,610	-0,049	0,293
CHR11	894464	CHR11:894464	SSF x LoA	-7,048	0,046	0,284
CHR11	8944923	CHR11:8944923	SSF x LoA	-7,705	0,053	0,273
CHR11	894498	CHR11:894498	SSF x LoA	-7,475	-0,075	0,294
CHR11	894499	CHR11:894499	SSF x LoA	-7,628	-0,056	0,288
CHR11	894500	CHR11:894500	SSF x LoA	-7,388	-0,085	0,292
CHR11	8945004	CHR11:8945004	SSF x LoA	-3,910	0,177	0,283
CHR11	8945123	CHR11:8945123	SSF x LoA	-9,616	-0,098	0,284
CHR11	8945216	CHR11:8945216	SSF x LoA	-9,903	-0,120	0,296
CHR11	8966553	CHR11:8966553	SSF x LoA	-8,098	-0,107	0,292
CHR11	8966576	CHR11:8966576	SSF x LoA	-9,107	-0,010	0,276
CHR11	8966596	CHR11:8966596	SSF x LoA	-6,522	0,094	0,292
CHR11	8966622	CHR11:8966622	SSF x LoA	-7,514	0,025	0,310
CHR11	8975903	CHR11:8975903	SSF x LoA	-10,916	0,008	0,304
CHR11	8975936	CHR11:8975936	SSF x LoA	-7,979	-0,062	0,305
CHR11	8975963	CHR11:8975963	SSF x LoA	-10,927	0,033	0,292
CHR11	8975979	CHR11:8975979	SSF x LoA	-9,286	0,051	0,291
CHR11	8975991	CHR11:8975991	SSF x LoA	-9,415	0,012	0,292
CHR11	9016861	CHR11:9016861	SSF x LoA	-8,727	0,059	0,287
CHR11	9016946	CHR11:9016946	SSF x LoA	-10,134	0,044	0,282
CHR11	9017761	CHR11:9017761	SSF x LoA	-7,630	0,084	0,273
CHR11	9040378	CHR11:9040378	SSF x LoA	-5,838	-0,055	0,289
CHR11	9040501	CHR11:9040501	SSF x LoA	-8,405	0,090	0,294
CHR11	9040619	CHR11:9040619	SSF x LoA	-8,268	0,002	0,298
CHR11	9040629	CHR11:9040629	SSF x LoA	-7,594	-0,008	0,293
CHR11	9040664	CHR11:9040664	SSF x LoA	-8,022	-0,015	0,293
CHR11	9040698	CHR11:9040698	SSF x LoA	-9,178	0,107	0,289
CHR11	9040744	CHR11:9040744	SSF x LoA	-8,380	0,092	0,290
CHR11	9052445	CHR11:9052445	SSF x LoA	-8,960	0,037	0,293

CHR11	9063688	CHR11:9063688	SSF x LoA	-7,294	-0,130	0,285
CHR11	9063772	CHR11:9063772	SSF x LoA	-9,692	0,056	0,292
CHR11	9063778	CHR11:9063778	SSF x LoA	-9,101	-0,116	0,296
CHR11	9063897	CHR11:9063897	SSF x LoA	-10,352	0,060	0,288
CHR11	9064330	CHR11:9064330	SSF x LoA	-9,090	0,006	0,306
CHR11	9064377	CHR11:9064377	SSF x LoA	-11,156	0,028	0,286
CHR11	9064385	CHR11:9064385	SSF x LoA	-9,394	0,021	0,301
CHR11	910132	CHR11:910132	SSF x LoA	-7,808	0,017	0,308
CHR11	910195	CHR11:910195	SSF x LoA	-8,891	-0,091	0,291
CHR11	9104228	CHR11:9104228	SSF x LoA	-8,314	-0,106	0,292
CHR11	9107550	CHR11:9107550	SSF x LoA	-9,614	0,055	0,292
CHR11	9111905	CHR11:9111905	SSF x LoA	-9,436	-0,015	0,280
CHR11	9111974	CHR11:9111974	SSF x LoA	-8,924	-0,059	0,300
CHR11	9111989	CHR11:9111989	SSF x LoA	-8,434	-0,097	0,282
CHR11	9112030	CHR11:9112030	SSF x LoA	-6,322	-0,108	0,292
CHR11	9112058	CHR11:9112058	SSF x LoA	-8,565	0,022	0,301
CHR11	9112127	CHR11:9112127	SSF x LoA	-8,176	-0,131	0,291
CHR11	9112168	CHR11:9112168	SSF x LoA	-8,002	-0,044	0,293
CHR11	9116771	CHR11:9116771	SSF x LoA	-8,813	-0,013	0,288
CHR11	9116871	CHR11:9116871	SSF x LoA	-6,321	0,118	0,275
CHR11	9116878	CHR11:9116878	SSF x LoA	-6,355	-0,132	0,292
CHR11	9119035	CHR11:9119035	SSF x LoA	-8,559	0,052	0,293
CHR11	9119163	CHR11:9119163	SSF x LoA	-9,537	-0,118	0,287
CHR11	9119196	CHR11:9119196	SSF x LoA	-8,312	-0,114	0,275
CHR11	9119269	CHR11:9119269	SSF x LoA	-10,021	0,059	0,305
CHR11	9176801	CHR11:9176801	SSF x LoA	-10,091	0,082	0,299
CHR11	9176861	CHR11:9176861	SSF x LoA	-6,228	-0,212	0,273
CHR11	9184893	CHR11:9184893	SSF x LoA	-9,203	-0,026	0,291
CHR11	9195714	CHR11:9195714	SSF x LoA	-7,324	0,090	0,296
CHR11	9206764	CHR11:9206764	SSF x LoA	-8,932	-0,136	0,297
CHR11	9206933	CHR11:9206933	SSF x LoA	-8,655	0,112	0,292
CHR11	9210528	CHR11:9210528	SSF x LoA	-9,250	0,129	0,282
CHR11	9237896	CHR11:9237896	SSF x LoA	-11,438	-0,008	0,287
CHR11	9238196	CHR11:9238196	SSF x LoA	-8,154	0,040	0,299
CHR11	9249398	CHR11:9249398	SSF x LoA	-7,472	-0,112	0,282
CHR11	926664	CHR11:926664	SSF x LoA	-7,268	0,101	0,291
CHR11	926694	CHR11:926694	SSF x LoA	-9,844	0,007	0,281
CHR11	9267774	CHR11:9267774	SSF x LoA	-9,395	-0,127	0,301
CHR11	926797	CHR11:926797	SSF x LoA	-10,029	-0,013	0,292
CHR11	926801	CHR11:926801	SSF x LoA	-9,611	-0,083	0,275
CHR11	926871	CHR11:926871	SSF x LoA	-8,807	0,038	0,271
CHR11	9269839	CHR11:9269839	SSF x LoA	-7,756	0,026	0,285
CHR11	9295093	CHR11:9295093	SSF x LoA	2,893	0,110	0,299
CHR11	9301140	CHR11:9301140	SSF x LoA	-9,405	-0,013	0,292
CHR11	930386	CHR11:930386	SSF x LoA	-8,311	-0,049	0,275
CHR11	930397	CHR11:930397	SSF x LoA	-7,823	0,100	0,275
CHR11	930423	CHR11:930423	SSF x LoA	-9,769	0,045	0,273
CHR11	930559	CHR11:930559	SSF x LoA	-7,932	0,124	0,292
CHR11	935849	CHR11:935849	SSF x LoA	-6,423	0,128	0,285
CHR11	935865	CHR11:935865	SSF x LoA	-7,093	-0,164	0,271
CHR11	935871	CHR11:935871	SSF x LoA	-8,388	-0,158	0,274
CHR11	9360137	CHR11:9360137	SSF x LoA	-8,501	-0,011	0,299
CHR11	9360183	CHR11:9360183	SSF x LoA	-8,435	-0,044	0,294

CHR11	936019	CHR11:936019	SSF x LoA	-7,849	-0,109	0,288
CHR11	9360204	CHR11:9360204	SSF x LoA	-8,776	-0,040	0,285
CHR11	9360221	CHR11:9360221	SSF x LoA	-9,536	0,099	0,300
CHR11	9360226	CHR11:9360226	SSF x LoA	-8,132	0,051	0,301
CHR11	936029	CHR11:936029	SSF x LoA	-8,480	-0,049	0,281
CHR11	936038	CHR11:936038	SSF x LoA	-6,570	-0,060	0,288
CHR11	936046	CHR11:936046	SSF x LoA	-0,260	-0,293	0,269
CHR11	936117	CHR11:936117	SSF x LoA	-7,079	0,143	0,285
CHR11	9361219	CHR11:9361219	SSF x LoA	-9,069	0,019	0,285
CHR11	9361238	CHR11:9361238	SSF x LoA	-9,372	0,033	0,284
CHR11	9361399	CHR11:9361399	SSF x LoA	-7,316	0,016	0,287
CHR11	9371604	CHR11:9371604	SSF x LoA	-7,860	-0,173	0,270
CHR11	9371778	CHR11:9371778	SSF x LoA	-10,333	0,087	0,281
CHR11	9377235	CHR11:9377235	SSF x LoA	-4,878	0,060	0,295
CHR11	9380224	CHR11:9380224	SSF x LoA	-9,379	-0,010	0,300
CHR11	9380276	CHR11:9380276	SSF x LoA	-7,878	-0,050	0,287
CHR11	9380364	CHR11:9380364	SSF x LoA	-8,499	0,078	0,298
CHR11	9386401	CHR11:9386401	SSF x LoA	-10,255	0,119	0,293
CHR11	9386589	CHR11:9386589	SSF x LoA	-9,742	-0,014	0,285
CHR11	9386594	CHR11:9386594	SSF x LoA	-7,256	-0,031	0,286
CHR11	9401611	CHR11:9401611	SSF x LoA	-8,241	-0,048	0,301
CHR11	9401612	CHR11:9401612	SSF x LoA	-10,946	-0,005	0,302
CHR11	9401672	CHR11:9401672	SSF x LoA	-11,187	0,029	0,294
CHR11	9426276	CHR11:9426276	SSF x LoA	-8,856	0,176	0,301
CHR11	9426354	CHR11:9426354	SSF x LoA	-8,843	0,111	0,281
CHR11	9451823	CHR11:9451823	SSF x LoA	-10,210	0,033	0,285
CHR11	9456291	CHR11:9456291	SSF x LoA	-10,337	-0,015	0,308
CHR11	9456528	CHR11:9456528	SSF x LoA	-9,794	0,016	0,294
CHR11	9456630	CHR11:9456630	SSF x LoA	-8,715	-0,016	0,294
CHR11	9478908	CHR11:9478908	SSF x LoA	-7,862	0,094	0,294
CHR11	951177	CHR11:951177	SSF x LoA	-11,009	0,030	0,294
CHR11	951672	CHR11:951672	SSF x LoA	-8,848	0,110	0,283
CHR11	9531264	CHR11:9531264	SSF x LoA	-7,871	0,006	0,285
CHR11	9531310	CHR11:9531310	SSF x LoA	-7,547	0,000	0,287
CHR11	9537944	CHR11:9537944	SSF x LoA	-10,905	0,077	0,298
CHR11	9547243	CHR11:9547243	SSF x LoA	-10,776	-0,021	0,293
CHR11	9547320	CHR11:9547320	SSF x LoA	-7,651	-0,001	0,300
CHR11	9547386	CHR11:9547386	SSF x LoA	-10,212	-0,052	0,272
CHR11	9573090	CHR11:9573090	SSF x LoA	-2,732	0,296	0,267
CHR11	9573196	CHR11:9573196	SSF x LoA	-9,575	0,067	0,284
CHR11	9573220	CHR11:9573220	SSF x LoA	-9,485	0,072	0,304
CHR11	9573243	CHR11:9573243	SSF x LoA	-7,858	0,053	0,304
CHR11	960051	CHR11:960051	SSF x LoA	-8,481	-0,055	0,261
CHR11	960233	CHR11:960233	SSF x LoA	-8,883	-0,030	0,302
CHR11	9617421	CHR11:9617421	SSF x LoA	-8,768	-0,137	0,282
CHR11	9634367	CHR11:9634367	SSF x LoA	-8,529	-0,025	0,299
CHR11	9634387	CHR11:9634387	SSF x LoA	-8,772	-0,085	0,283
CHR11	9634396	CHR11:9634396	SSF x LoA	-7,747	-0,097	0,298
CHR11	9640924	CHR11:9640924	SSF x LoA	-11,558	-0,033	0,283
CHR11	9641077	CHR11:9641077	SSF x LoA	-9,669	0,013	0,285
CHR11	9641108	CHR11:9641108	SSF x LoA	-8,681	0,051	0,280
CHR11	9641185	CHR11:9641185	SSF x LoA	-9,994	0,024	0,288
CHR11	964282	CHR11:964282	SSF x LoA	-8,221	-0,022	0,265

CHR11	964300	CHR11:964300	SSF x LoA	-7,156	-0,075	0,287
CHR11	964349	CHR11:964349	SSF x LoA	-7,846	0,025	0,273
CHR11	964351	CHR11:964351	SSF x LoA	-7,519	0,039	0,280
CHR11	9645891	CHR11:9645891	SSF x LoA	-8,260	-0,013	0,289
CHR11	9646285	CHR11:9646285	SSF x LoA	-8,956	0,015	0,262
CHR11	9646305	CHR11:9646305	SSF x LoA	-8,677	0,005	0,310
CHR11	9650416	CHR11:9650416	SSF x LoA	-9,612	0,012	0,300
CHR11	9650461	CHR11:9650461	SSF x LoA	-7,858	0,025	0,297
CHR11	9650471	CHR11:9650471	SSF x LoA	-7,898	0,033	0,303
CHR11	9650475	CHR11:9650475	SSF x LoA	-8,513	0,024	0,307
CHR11	9650525	CHR11:9650525	SSF x LoA	-8,755	0,000	0,284
CHR11	9650608	CHR11:9650608	SSF x LoA	-5,403	-0,098	0,300
CHR11	9652067	CHR11:9652067	SSF x LoA	-9,261	0,046	0,286
CHR11	9652177	CHR11:9652177	SSF x LoA	-7,611	0,031	0,285
CHR11	9656076	CHR11:9656076	SSF x LoA	-9,865	-0,111	0,284
CHR11	9656130	CHR11:9656130	SSF x LoA	-11,060	0,028	0,286
CHR11	9656326	CHR11:9656326	SSF x LoA	-8,691	-0,048	0,291
CHR11	9661372	CHR11:9661372	SSF x LoA	-11,324	-0,047	0,287
CHR11	9661427	CHR11:9661427	SSF x LoA	-6,045	0,118	0,277
CHR11	9676992	CHR11:9676992	SSF x LoA	-5,758	0,008	0,294
CHR11	9677028	CHR11:9677028	SSF x LoA	-9,695	-0,063	0,291
CHR11	9677048	CHR11:9677048	SSF x LoA	-10,150	-0,022	0,287
CHR11	9677966	CHR11:9677966	SSF x LoA	-6,189	0,197	0,276
CHR11	9677993	CHR11:9677993	SSF x LoA	-4,623	-0,188	0,276
CHR11	9678012	CHR11:9678012	SSF x LoA	-8,410	-0,002	0,294
CHR11	9678133	CHR11:9678133	SSF x LoA	-6,064	-0,106	0,289
CHR11	9679851	CHR11:9679851	SSF x LoA	-8,307	-0,094	0,281
CHR11	9680074	CHR11:9680074	SSF x LoA	-11,234	-0,004	0,281
CHR11	9680165	CHR11:9680165	SSF x LoA	-7,563	-0,022	0,295
CHR11	9680179	CHR11:9680179	SSF x LoA	-9,995	-0,060	0,286
CHR11	9680193	CHR11:9680193	SSF x LoA	-7,153	0,083	0,301
CHR11	9695190	CHR11:9695190	SSF x LoA	-9,607	-0,145	0,277
CHR11	9695239	CHR11:9695239	SSF x LoA	-8,158	0,103	0,287
CHR11	9695241	CHR11:9695241	SSF x LoA	-10,218	-0,069	0,278
CHR11	9695247	CHR11:9695247	SSF x LoA	-8,033	0,049	0,296
CHR11	9696954	CHR11:9696954	SSF x LoA	-9,998	0,081	0,300
CHR11	9697124	CHR11:9697124	SSF x LoA	-9,467	-0,052	0,306
CHR11	9699458	CHR11:9699458	SSF x LoA	-7,857	0,010	0,288
CHR11	970388	CHR11:970388	SSF x LoA	-8,897	-0,085	0,292
CHR11	970416	CHR11:970416	SSF x LoA	-6,530	-0,073	0,303
CHR11	970435	CHR11:970435	SSF x LoA	-4,350	-0,109	0,292
CHR11	970448	CHR11:970448	SSF x LoA	-9,762	0,107	0,283
CHR11	970455	CHR11:970455	SSF x LoA	-9,945	-0,113	0,288
CHR11	970460	CHR11:970460	SSF x LoA	-8,645	-0,040	0,294
CHR11	9707532	CHR11:9707532	SSF x LoA	-10,509	-0,047	0,293
CHR11	9707545	CHR11:9707545	SSF x LoA	-8,703	-0,009	0,313
CHR11	9707549	CHR11:9707549	SSF x LoA	-10,292	-0,079	0,300
CHR11	9714437	CHR11:9714437	SSF x LoA	-9,384	-0,093	0,278
CHR11	9715036	CHR11:9715036	SSF x LoA	-10,215	-0,107	0,286
CHR11	9715121	CHR11:9715121	SSF x LoA	-8,203	0,033	0,302
CHR11	9718807	CHR11:9718807	SSF x LoA	-10,142	-0,082	0,283
CHR11	9719163	CHR11:9719163	SSF x LoA	-9,319	-0,044	0,287
CHR11	9719230	CHR11:9719230	SSF x LoA	-9,188	0,049	0,293

CHR11	9733107	CHR11:9733107	SSF x LoA	-7,809	-0,004	0,290
CHR11	9735675	CHR11:9735675	SSF x LoA	-6,173	-0,146	0,283
CHR11	9735709	CHR11:9735709	SSF x LoA	-9,325	0,112	0,276
CHR11	9746263	CHR11:9746263	SSF x LoA	-8,174	0,060	0,292
CHR11	9749073	CHR11:9749073	SSF x LoA	-11,753	-0,045	0,273
CHR11	974919	CHR11:974919	SSF x LoA	-9,628	0,023	0,284
CHR11	9749207	CHR11:9749207	SSF x LoA	-7,142	0,100	0,286
CHR11	9749286	CHR11:9749286	SSF x LoA	-9,863	0,096	0,280
CHR11	9749418	CHR11:9749418	SSF x LoA	-9,998	0,030	0,289
CHR11	974945	CHR11:974945	SSF x LoA	-5,642	-0,201	0,281
CHR11	975126	CHR11:975126	SSF x LoA	-4,788	-0,023	0,295
CHR11	975170	CHR11:975170	SSF x LoA	-7,140	-0,037	0,280
CHR11	9762499	CHR11:9762499	SSF x LoA	-0,475	0,270	0,292
CHR11	9762524	CHR11:9762524	SSF x LoA	-9,445	-0,025	0,285
CHR11	9765397	CHR11:9765397	SSF x LoA	-8,840	0,092	0,290
CHR11	9765398	CHR11:9765398	SSF x LoA	-5,408	-0,022	0,293
CHR11	9765409	CHR11:9765409	SSF x LoA	-8,103	-0,004	0,298
CHR11	9765439	CHR11:9765439	SSF x LoA	-6,506	0,078	0,295
CHR11	9765497	CHR11:9765497	SSF x LoA	-8,146	-0,054	0,294
CHR11	9783660	CHR11:9783660	SSF x LoA	-9,741	-0,014	0,294
CHR11	9783665	CHR11:9783665	SSF x LoA	-7,634	0,103	0,277
CHR11	9783676	CHR11:9783676	SSF x LoA	-8,421	0,090	0,289
CHR11	9783796	CHR11:9783796	SSF x LoA	-2,217	-0,119	0,284
CHR11	9783799	CHR11:9783799	SSF x LoA	-7,487	-0,101	0,287
CHR11	9792093	CHR11:9792093	SSF x LoA	-10,225	0,051	0,296
CHR11	9792203	CHR11:9792203	SSF x LoA	-8,399	-0,024	0,285
CHR11	9792277	CHR11:9792277	SSF x LoA	-9,177	0,069	0,285
CHR11	9792298	CHR11:9792298	SSF x LoA	-10,240	0,096	0,288
CHR11	9792310	CHR11:9792310	SSF x LoA	-8,123	-0,048	0,291
CHR11	9792339	CHR11:9792339	SSF x LoA	-9,928	0,001	0,304
CHR11	9798270	CHR11:9798270	SSF x LoA	-9,191	-0,039	0,293
CHR11	9798328	CHR11:9798328	SSF x LoA	-8,331	0,151	0,271
CHR11	980413	CHR11:980413	SSF x LoA	-8,980	0,097	0,279
CHR11	980459	CHR11:980459	SSF x LoA	-8,583	-0,057	0,278
CHR11	980471	CHR11:980471	SSF x LoA	-9,462	-0,115	0,288
CHR11	980833	CHR11:980833	SSF x LoA	-11,174	0,019	0,290
CHR11	980862	CHR11:980862	SSF x LoA	-9,135	0,023	0,289
CHR11	980868	CHR11:980868	SSF x LoA	-10,282	-0,097	0,284
CHR11	980887	CHR11:980887	SSF x LoA	-8,461	0,015	0,296
CHR11	980940	CHR11:980940	SSF x LoA	-8,464	-0,011	0,296
CHR11	9815427	CHR11:9815427	SSF x LoA	-8,473	0,078	0,288
CHR11	9815634	CHR11:9815634	SSF x LoA	-9,370	0,021	0,291
CHR11	9818580	CHR11:9818580	SSF x LoA	-10,764	0,040	0,277
CHR11	9818698	CHR11:9818698	SSF x LoA	-8,561	0,012	0,285
CHR11	9839399	CHR11:9839399	SSF x LoA	-2,735	-0,215	0,266
CHR11	9839429	CHR11:9839429	SSF x LoA	-7,492	0,114	0,284
CHR11	9843325	CHR11:9843325	SSF x LoA	-4,119	-0,229	0,271
CHR11	9851836	CHR11:9851836	SSF x LoA	-8,765	-0,050	0,293
CHR11	9851863	CHR11:9851863	SSF x LoA	-10,383	0,017	0,288
CHR11	9851905	CHR11:9851905	SSF x LoA	-9,364	-0,049	0,282
CHR11	9851920	CHR11:9851920	SSF x LoA	-8,612	-0,048	0,279
CHR11	9879950	CHR11:9879950	SSF x LoA	-8,687	0,112	0,287
CHR11	988361	CHR11:988361	SSF x LoA	-7,276	-0,042	0,293

CHR11	988377	CHR11:988377	SSF x LoA	-8,533	-0,002	0,297
CHR11	988408	CHR11:988408	SSF x LoA	-7,647	-0,180	0,274
CHR11	988412	CHR11:988412	SSF x LoA	-8,890	0,006	0,306
CHR11	988640	CHR11:988640	SSF x LoA	-7,089	-0,137	0,287
CHR11	988644	CHR11:988644	SSF x LoA	-6,253	-0,159	0,288
CHR11	988720	CHR11:988720	SSF x LoA	-9,057	0,067	0,300
CHR11	9937070	CHR11:9937070	SSF x LoA	-7,892	0,121	0,285
CHR11	9937095	CHR11:9937095	SSF x LoA	-10,784	0,007	0,289
CHR11	9937101	CHR11:9937101	SSF x LoA	-8,069	0,073	0,293
CHR11	9937104	CHR11:9937104	SSF x LoA	-7,786	0,073	0,290
CHR11	9937126	CHR11:9937126	SSF x LoA	-7,341	-0,125	0,287
CHR11	9937131	CHR11:9937131	SSF x LoA	-7,624	0,071	0,302
CHR11	9937158	CHR11:9937158	SSF x LoA	-6,652	-0,128	0,294
CHR11	9986289	CHR11:9986289	SSF x LoA	-5,494	0,213	0,285
CHR12	1E+07	CHR12:1001414	SSF x LoA	-7,449	0,107	0,274
CHR12	1E+07	CHR12:1001422	SSF x LoA	-9,256	0,130	0,283
CHR12	1E+07	CHR12:1001426	SSF x LoA	-7,051	0,092	0,294
CHR12	1E+07	CHR12:1001448	SSF x LoA	-7,900	0,018	0,306
CHR12	1E+07	CHR12:1002151	SSF x LoA	-7,725	0,083	0,305
CHR12	1E+07	CHR12:1002170	SSF x LoA	-10,616	-0,091	0,278
CHR12	1E+07	CHR12:1002173	SSF x LoA	-9,470	0,009	0,291
CHR12	1E+07	CHR12:1005000	SSF x LoA	-6,482	-0,206	0,283
CHR12	1E+07	CHR12:1005008	SSF x LoA	-6,033	0,138	0,302
CHR12	1E+07	CHR12:1005600	SSF x LoA	-8,495	-0,062	0,284
CHR12	1E+07	CHR12:1005611	SSF x LoA	-11,018	0,001	0,300
CHR12	1E+07	CHR12:1005613	SSF x LoA	-1,965	0,163	0,290
CHR12	1E+07	CHR12:1005616	SSF x LoA	-6,971	0,135	0,296
CHR12	1E+07	CHR12:1006652	SSF x LoA	-9,431	-0,001	0,283
CHR12	1E+07	CHR12:1006808	SSF x LoA	-8,917	0,005	0,288
CHR12	1E+07	CHR12:1007041	SSF x LoA	-7,304	-0,176	0,287
CHR12	1E+07	CHR12:1007044	SSF x LoA	-8,116	0,085	0,289
CHR12	1E+07	CHR12:1007234	SSF x LoA	-6,224	-0,092	0,281
CHR12	1E+07	CHR12:1008164	SSF x LoA	-11,338	0,061	0,297
CHR12	1E+07	CHR12:1008825	SSF x LoA	-9,095	-0,094	0,300
CHR12	1E+07	CHR12:1009310	SSF x LoA	-8,974	0,039	0,284
CHR12	1E+07	CHR12:1010392	SSF x LoA	-8,069	0,039	0,299
CHR12	1E+07	CHR12:1010400	SSF x LoA	-6,938	-0,126	0,283
CHR12	1E+07	CHR12:1010406	SSF x LoA	-9,498	-0,030	0,297
CHR12	1E+07	CHR12:1014678	SSF x LoA	-6,552	-0,104	0,284
CHR12	1018381	CHR12:1018381	SSF x LoA	-11,802	0,055	0,275
CHR12	1E+07	CHR12:1018502	SSF x LoA	-6,694	0,016	0,298
CHR12	1E+07	CHR12:1018518	SSF x LoA	-8,287	0,026	0,279
CHR12	1E+07	CHR12:1018520	SSF x LoA	-7,794	0,098	0,282
CHR12	1E+07	CHR12:1018522	SSF x LoA	-7,182	0,060	0,289
CHR12	1E+07	CHR12:1018529	SSF x LoA	-10,834	0,092	0,279
CHR12	1E+07	CHR12:1018626	SSF x LoA	-8,978	0,062	0,286
CHR12	1E+07	CHR12:1018628	SSF x LoA	-9,154	-0,029	0,277
CHR12	1E+07	CHR12:1018638	SSF x LoA	-9,293	0,099	0,285
CHR12	1E+07	CHR12:1018644	SSF x LoA	-11,409	-0,029	0,284
CHR12	1E+07	CHR12:1020729	SSF x LoA	-8,903	-0,174	0,289
CHR12	1E+07	CHR12:1020730	SSF x LoA	-8,564	-0,169	0,283
CHR12	1E+07	CHR12:1020734	SSF x LoA	-7,426	-0,036	0,305
CHR12	1E+07	CHR12:1020739	SSF x LoA	-8,570	0,073	0,293

CHR12	1E+07	CHR12:10207465	SSF x LoA	-8,906	-0,092	0,289
CHR12	1E+07	CHR12:10228149	SSF x LoA	-10,894	-0,021	0,264
CHR12	1E+07	CHR12:10233298	SSF x LoA	-8,991	0,010	0,289
CHR12	1E+07	CHR12:10233431	SSF x LoA	-11,158	0,030	0,294
CHR12	1E+07	CHR12:10233589	SSF x LoA	-7,488	-0,120	0,292
CHR12	1E+07	CHR12:10245291	SSF x LoA	-8,037	-0,102	0,285
CHR12	1E+07	CHR12:10245389	SSF x LoA	-10,753	-0,034	0,273
CHR12	1E+07	CHR12:10245413	SSF x LoA	-10,327	-0,025	0,294
CHR12	1E+07	CHR12:10245471	SSF x LoA	-4,660	0,205	0,259
CHR12	1E+07	CHR12:10245473	SSF x LoA	-9,787	-0,047	0,287
CHR12	1E+07	CHR12:10245479	SSF x LoA	-9,347	-0,024	0,284
CHR12	1E+07	CHR12:10245545	SSF x LoA	-10,968	0,022	0,289
CHR12	1E+07	CHR12:10245572	SSF x LoA	-10,636	-0,031	0,279
CHR12	1E+07	CHR12:10245598	SSF x LoA	-10,263	0,079	0,285
CHR12	1E+07	CHR12:10245621	SSF x LoA	-10,289	0,083	0,288
CHR12	1E+07	CHR12:10276557	SSF x LoA	-11,025	0,040	0,294
CHR12	1E+07	CHR12:10289025	SSF x LoA	-8,930	-0,063	0,290
CHR12	1E+07	CHR12:10289070	SSF x LoA	-9,054	0,052	0,287
CHR12	1E+07	CHR12:10289073	SSF x LoA	-8,554	0,011	0,301
CHR12	1E+07	CHR12:10289082	SSF x LoA	-9,634	-0,089	0,274
CHR12	1E+07	CHR12:10289226	SSF x LoA	-8,229	0,108	0,285
CHR12	1E+07	CHR12:10293782	SSF x LoA	-8,698	0,079	0,291
CHR12	1E+07	CHR12:10297307	SSF x LoA	-11,688	0,014	0,287
CHR12	1E+07	CHR12:10297398	SSF x LoA	-9,959	0,003	0,282
CHR12	1E+07	CHR12:10336070	SSF x LoA	-7,835	0,064	0,298
CHR12	1E+07	CHR12:10336122	SSF x LoA	-7,509	-0,121	0,280
CHR12	1E+07	CHR12:10336125	SSF x LoA	-8,751	-0,151	0,274
CHR12	1E+07	CHR12:10337683	SSF x LoA	-7,679	0,017	0,303
CHR12	1E+07	CHR12:10337709	SSF x LoA	-6,766	-0,117	0,288
CHR12	1E+07	CHR12:10337902	SSF x LoA	-9,362	-0,048	0,298
CHR12	1E+07	CHR12:10337909	SSF x LoA	-9,063	0,100	0,296
CHR12	1E+07	CHR12:10337981	SSF x LoA	-10,458	-0,049	0,286
CHR12	1E+07	CHR12:10337985	SSF x LoA	-7,357	-0,054	0,299
CHR12	1E+07	CHR12:10345538	SSF x LoA	-8,446	0,134	0,302
CHR12	1E+07	CHR12:10345590	SSF x LoA	-10,878	0,045	0,297
CHR12	1E+07	CHR12:10354221	SSF x LoA	-7,493	0,101	0,289
CHR12	1E+07	CHR12:10354323	SSF x LoA	-10,186	-0,064	0,276
CHR12	1E+07	CHR12:10354375	SSF x LoA	-6,577	-0,167	0,276
CHR12	1E+07	CHR12:10354386	SSF x LoA	-6,496	-0,159	0,271
CHR12	1E+07	CHR12:10362960	SSF x LoA	-10,056	0,026	0,288
CHR12	1E+07	CHR12:10363030	SSF x LoA	-11,156	-0,074	0,271
CHR12	1E+07	CHR12:10363073	SSF x LoA	-11,318	-0,027	0,292
CHR12	1E+07	CHR12:10363110	SSF x LoA	-3,354	-0,047	0,317
CHR12	1E+07	CHR12:10377928	SSF x LoA	-8,793	0,023	0,285
CHR12	1E+07	CHR12:10382395	SSF x LoA	-8,089	-0,024	0,290
CHR12	1E+07	CHR12:10382562	SSF x LoA	-9,603	0,016	0,300
CHR12	1E+07	CHR12:10382571	SSF x LoA	-11,991	0,027	0,286
CHR12	1E+07	CHR12:10382574	SSF x LoA	-6,917	0,071	0,296
CHR12	1E+07	CHR12:10407598	SSF x LoA	-9,560	0,067	0,291
CHR12	1E+07	CHR12:10407731	SSF x LoA	-10,252	-0,090	0,296
CHR12	1E+07	CHR12:10407796	SSF x LoA	-10,230	-0,035	0,293
CHR12	1E+07	CHR12:10410897	SSF x LoA	-7,532	-0,009	0,281
CHR12	1E+07	CHR12:10410955	SSF x LoA	-8,616	0,025	0,286

CHR12	1E+07	CHR12:10410978	SSF x LoA	-9,274	0,044	0,298
CHR12	1E+07	CHR12:10432507	SSF x LoA	-7,175	-0,158	0,276
CHR12	1E+07	CHR12:10438264	SSF x LoA	-6,009	-0,037	0,291
CHR12	1E+07	CHR12:10465107	SSF x LoA	0,604	0,080	0,292
CHR12	1E+07	CHR12:10465114	SSF x LoA	-7,091	0,167	0,292
CHR12	1E+07	CHR12:10485217	SSF x LoA	-8,142	-0,152	0,283
CHR12	1048929	CHR12:1048929	SSF x LoA	-11,193	-0,018	0,287
CHR12	1048936	CHR12:1048936	SSF x LoA	-4,002	0,001	0,298
CHR12	1048982	CHR12:1048982	SSF x LoA	-7,169	0,077	0,291
CHR12	1049054	CHR12:1049054	SSF x LoA	-5,819	0,001	0,298
CHR12	1E+07	CHR12:10491613	SSF x LoA	-8,996	-0,104	0,287
CHR12	1E+07	CHR12:10491704	SSF x LoA	-5,482	-0,090	0,300
CHR12	1E+07	CHR12:10491719	SSF x LoA	-8,890	-0,131	0,275
CHR12	1E+07	CHR12:10491847	SSF x LoA	-10,770	0,007	0,295
CHR12	10521660	CHR12:10521660	SSF x LoA	-9,994	-0,119	0,284
CHR12	10521702	CHR12:10521702	SSF x LoA	-10,228	-0,030	0,295
CHR12	10521708	CHR12:10521708	SSF x LoA	-9,942	0,035	0,287
CHR12	10521715	CHR12:10521715	SSF x LoA	-7,758	-0,009	0,300
CHR12	10521718	CHR12:10521718	SSF x LoA	-8,943	-0,028	0,301
CHR12	10521757	CHR12:10521757	SSF x LoA	-10,078	0,093	0,288
CHR12	10521845	CHR12:10521845	SSF x LoA	-10,581	-0,024	0,289
CHR12	10524804	CHR12:10524804	SSF x LoA	-8,960	0,009	0,287
CHR12	10524865	CHR12:10524865	SSF x LoA	-9,779	-0,022	0,278
CHR12	10524876	CHR12:10524876	SSF x LoA	-9,154	0,072	0,274
CHR12	10524882	CHR12:10524882	SSF x LoA	-8,564	0,055	0,292
CHR12	10524889	CHR12:10524889	SSF x LoA	-11,158	-0,002	0,292
CHR12	10524984	CHR12:10524984	SSF x LoA	-7,623	-0,058	0,299
CHR12	10542520	CHR12:10542520	SSF x LoA	-8,603	0,110	0,292
CHR12	10565075	CHR12:10565075	SSF x LoA	-10,530	0,012	0,295
CHR12	10565103	CHR12:10565103	SSF x LoA	-8,425	0,111	0,300
CHR12	10565142	CHR12:10565142	SSF x LoA	-8,848	0,059	0,283
CHR12	10567691	CHR12:10567691	SSF x LoA	-9,410	-0,136	0,288
CHR12	10567701	CHR12:10567701	SSF x LoA	-8,118	-0,166	0,274
CHR12	10567879	CHR12:10567879	SSF x LoA	-10,610	0,019	0,286
CHR12	10567985	CHR12:10567985	SSF x LoA	-8,372	-0,095	0,289
CHR12	1058654	CHR12:1058654	SSF x LoA	-8,451	0,147	0,286
CHR12	1058868	CHR12:1058868	SSF x LoA	-8,562	-0,002	0,268
CHR12	1058931	CHR12:1058931	SSF x LoA	-9,961	-0,069	0,287
CHR12	1060827	CHR12:1060827	SSF x LoA	-10,238	0,021	0,293
CHR12	10609749	CHR12:10609749	SSF x LoA	-10,038	-0,074	0,298
CHR12	10609893	CHR12:10609893	SSF x LoA	-7,726	-0,133	0,295
CHR12	10614506	CHR12:10614506	SSF x LoA	-8,849	-0,023	0,287
CHR12	10614523	CHR12:10614523	SSF x LoA	-11,021	-0,061	0,286
CHR12	10617918	CHR12:10617918	SSF x LoA	-5,461	-0,015	0,286
CHR12	10617919	CHR12:10617919	SSF x LoA	-5,159	-0,118	0,291
CHR12	10622356	CHR12:10622356	SSF x LoA	-9,789	0,116	0,289
CHR12	10622454	CHR12:10622454	SSF x LoA	-8,492	0,032	0,292
CHR12	10622479	CHR12:10622479	SSF x LoA	-9,792	0,040	0,302
CHR12	10622536	CHR12:10622536	SSF x LoA	-10,667	-0,069	0,284
CHR12	10633598	CHR12:10633598	SSF x LoA	-8,471	0,061	0,272
CHR12	10633618	CHR12:10633618	SSF x LoA	-6,843	0,120	0,283
CHR12	10633703	CHR12:10633703	SSF x LoA	-8,058	0,052	0,289
CHR12	10633862	CHR12:10633862	SSF x LoA	-10,152	-0,017	0,286

CHR12	10633890	CHR12:1063389(	SSF x LoA	-6,522	-0,122	0,299
CHR12	10633915	CHR12:1063391[	SSF x LoA	-8,299	0,103	0,285
CHR12	10636926	CHR12:1063692(	SSF x LoA	-10,783	-0,089	0,289
CHR12	10640153	CHR12:1064015[	SSF x LoA	-10,050	0,055	0,300
CHR12	10640567	CHR12:1064056[	SSF x LoA	-8,492	-0,050	0,290
CHR12	10643135	CHR12:1064313[	SSF x LoA	-9,916	0,037	0,297
CHR12	10654955	CHR12:1065495[	SSF x LoA	-8,054	-0,113	0,271
CHR12	1066560	CHR12:1066560	SSF x LoA	-9,757	0,021	0,276
CHR12	1066806	CHR12:1066806	SSF x LoA	-8,832	0,106	0,283
CHR12	1066847	CHR12:1066847	SSF x LoA	-7,377	-0,084	0,284
CHR12	10675123	CHR12:1067512[	SSF x LoA	-8,329	0,123	0,285
CHR12	10675183	CHR12:1067518[	SSF x LoA	-10,123	0,111	0,278
CHR12	10675228	CHR12:1067522[	SSF x LoA	-10,478	-0,043	0,290
CHR12	10675282	CHR12:1067528[	SSF x LoA	-10,491	-0,046	0,287
CHR12	10675333	CHR12:1067533[	SSF x LoA	-9,835	0,028	0,277
CHR12	10687881	CHR12:1068788[	SSF x LoA	-7,682	0,052	0,297
CHR12	10687909	CHR12:1068790[	SSF x LoA	-7,550	0,044	0,287
CHR12	10706662	CHR12:1070666[	SSF x LoA	-8,403	-0,091	0,286
CHR12	10706663	CHR12:1070666[	SSF x LoA	-7,882	-0,069	0,293
CHR12	10706667	CHR12:1070666[	SSF x LoA	-9,638	-0,046	0,278
CHR12	10706691	CHR12:1070669[	SSF x LoA	-7,225	-0,060	0,290
CHR12	10706708	CHR12:1070670[	SSF x LoA	-7,156	0,041	0,300
CHR12	10706739	CHR12:1070673[	SSF x LoA	-8,302	-0,048	0,297
CHR12	10717550	CHR12:1071755(	SSF x LoA	-9,657	0,115	0,298
CHR12	1071990	CHR12:1071990	SSF x LoA	-10,437	0,089	0,273
CHR12	10737530	CHR12:1073753(	SSF x LoA	-6,786	0,061	0,287
CHR12	10737539	CHR12:1073753[	SSF x LoA	-8,110	-0,060	0,278
CHR12	10768632	CHR12:1076863[	SSF x LoA	-6,649	-0,105	0,293
CHR12	10768815	CHR12:1076881[	SSF x LoA	-6,874	-0,053	0,296
CHR12	10778707	CHR12:1077870[	SSF x LoA	-4,042	0,096	0,290
CHR12	10778796	CHR12:1077879[	SSF x LoA	-6,285	0,022	0,296
CHR12	10778824	CHR12:1077882[	SSF x LoA	-9,513	0,110	0,294
CHR12	10778893	CHR12:1077889[	SSF x LoA	-8,495	-0,029	0,286
CHR12	10816215	CHR12:1081621[	SSF x LoA	-9,164	0,130	0,298
CHR12	108418	CHR12:108418	SSF x LoA	-9,752	0,030	0,279
CHR12	10869474	CHR12:1086947[	SSF x LoA	-10,054	-0,030	0,291
CHR12	10877249	CHR12:1087724[	SSF x LoA	-9,279	-0,013	0,292
CHR12	10877341	CHR12:1087734[	SSF x LoA	-9,908	-0,005	0,290
CHR12	10878753	CHR12:1087875[	SSF x LoA	-4,882	-0,011	0,295
CHR12	10894619	CHR12:1089461[	SSF x LoA	-9,656	-0,010	0,290
CHR12	10931175	CHR12:1093117[	SSF x LoA	-6,196	0,090	0,297
CHR12	10931196	CHR12:1093119[	SSF x LoA	-6,569	-0,022	0,288
CHR12	10931235	CHR12:1093123[	SSF x LoA	-8,082	-0,024	0,290
CHR12	10931308	CHR12:1093130[	SSF x LoA	-8,531	-0,016	0,275
CHR12	10931425	CHR12:1093142[	SSF x LoA	-7,490	0,066	0,293
CHR12	10931458	CHR12:1093145[	SSF x LoA	-8,690	-0,003	0,300
CHR12	10934508	CHR12:1093450[	SSF x LoA	-8,985	-0,038	0,277
CHR12	10934693	CHR12:1093469[	SSF x LoA	-6,919	-0,106	0,284
CHR12	10934806	CHR12:1093480[	SSF x LoA	-8,670	0,016	0,287
CHR12	10934811	CHR12:1093481[	SSF x LoA	-10,667	0,033	0,286
CHR12	10947448	CHR12:1094744[	SSF x LoA	-4,077	0,055	0,290
CHR12	1095580	CHR12:1095580	SSF x LoA	-8,718	-0,099	0,296
CHR12	10955900	CHR12:1095590(	SSF x LoA	-9,715	0,022	0,291

CHR12	10956149	CHR12:1095614	SSF x LoA	-8,589	-0,061	0,273
CHR12	1097996	CHR12:1097996	SSF x LoA	-10,675	0,031	0,288
CHR12	10987815	CHR12:1098781	SSF x LoA	-10,022	0,050	0,302
CHR12	10991628	CHR12:1099162	SSF x LoA	-8,445	-0,114	0,285
CHR12	10991706	CHR12:1099170	SSF x LoA	-8,424	-0,049	0,287
CHR12	11008847	CHR12:1100884	SSF x LoA	-10,479	0,038	0,279
CHR12	11009270	CHR12:1100927	SSF x LoA	-11,766	-0,012	0,289
CHR12	11009298	CHR12:1100929	SSF x LoA	-10,542	0,041	0,291
CHR12	11012753	CHR12:1101275	SSF x LoA	-9,720	0,031	0,289
CHR12	11012762	CHR12:1101276	SSF x LoA	-6,256	-0,134	0,296
CHR12	11012771	CHR12:1101277	SSF x LoA	-8,702	-0,038	0,282
CHR12	11012829	CHR12:1101282	SSF x LoA	-4,108	0,013	0,300
CHR12	11012932	CHR12:1101293	SSF x LoA	-6,811	0,146	0,288
CHR12	11027417	CHR12:1102741	SSF x LoA	-9,363	0,131	0,290
CHR12	11027595	CHR12:1102759	SSF x LoA	-6,543	0,113	0,296
CHR12	11027622	CHR12:1102762	SSF x LoA	-6,170	0,039	0,303
CHR12	11027633	CHR12:1102763	SSF x LoA	-8,783	-0,031	0,279
CHR12	11028479	CHR12:1102847	SSF x LoA	-7,002	-0,089	0,293
CHR12	11028482	CHR12:1102848	SSF x LoA	-7,912	0,132	0,283
CHR12	11032191	CHR12:1103219	SSF x LoA	-10,453	-0,039	0,280
CHR12	11032289	CHR12:1103228	SSF x LoA	-9,779	0,013	0,281
CHR12	11032305	CHR12:1103230	SSF x LoA	-3,369	-0,185	0,275
CHR12	11032312	CHR12:1103231	SSF x LoA	-10,259	-0,011	0,279
CHR12	11036129	CHR12:1103612	SSF x LoA	-8,611	-0,059	0,287
CHR12	11036220	CHR12:1103622	SSF x LoA	-7,448	-0,118	0,294
CHR12	11036290	CHR12:1103629	SSF x LoA	-9,578	0,066	0,285
CHR12	11036304	CHR12:1103630	SSF x LoA	-7,756	0,066	0,304
CHR12	11036323	CHR12:1103632	SSF x LoA	-9,031	0,057	0,287
CHR12	11037444	CHR12:1103744	SSF x LoA	-6,857	-0,200	0,267
CHR12	11037455	CHR12:1103745	SSF x LoA	-4,752	-0,238	0,274
CHR12	11037552	CHR12:1103755	SSF x LoA	-8,486	-0,064	0,270
CHR12	11037639	CHR12:1103763	SSF x LoA	-9,505	-0,113	0,290
CHR12	11047262	CHR12:1104726	SSF x LoA	-9,349	0,011	0,300
CHR12	11047266	CHR12:1104726	SSF x LoA	-5,767	-0,101	0,294
CHR12	11047275	CHR12:1104727	SSF x LoA	-7,565	0,087	0,284
CHR12	11052137	CHR12:1105213	SSF x LoA	-9,620	-0,091	0,297
CHR12	11052179	CHR12:1105217	SSF x LoA	-8,858	-0,040	0,284
CHR12	11052312	CHR12:1105231	SSF x LoA	-5,063	-0,044	0,308
CHR12	11061815	CHR12:1106181	SSF x LoA	-5,742	-0,110	0,287
CHR12	11061894	CHR12:1106189	SSF x LoA	-7,342	0,016	0,303
CHR12	1107070	CHR12:1107070	SSF x LoA	-11,943	-0,011	0,286
CHR12	1107110	CHR12:1107110	SSF x LoA	-9,250	0,013	0,300
CHR12	1107186	CHR12:1107186	SSF x LoA	-9,652	-0,053	0,285
CHR12	11073039	CHR12:1107303	SSF x LoA	-8,971	-0,104	0,294
CHR12	11073048	CHR12:1107304	SSF x LoA	-5,138	-0,075	0,280
CHR12	11073112	CHR12:1107311	SSF x LoA	-11,267	0,017	0,294
CHR12	11073665	CHR12:1107366	SSF x LoA	-6,580	0,006	0,298
CHR12	11073691	CHR12:1107369	SSF x LoA	-7,331	0,004	0,291
CHR12	11073702	CHR12:1107370	SSF x LoA	-7,515	0,015	0,294
CHR12	11093397	CHR12:1109339	SSF x LoA	-6,763	0,124	0,300
CHR12	11095004	CHR12:1109500	SSF x LoA	-6,817	-0,076	0,283
CHR12	11095007	CHR12:1109500	SSF x LoA	-7,856	-0,032	0,291
CHR12	11095015	CHR12:1109501	SSF x LoA	-9,622	0,008	0,285

CHR12	11095100	CHR12:1109510C	SSF x LoA	-5,747	0,036	0,292
CHR12	11099144	CHR12:11099144	SSF x LoA	-8,264	-0,066	0,289
CHR12	11099163	CHR12:11099163	SSF x LoA	-9,296	-0,070	0,285
CHR12	11099208	CHR12:11099208	SSF x LoA	-9,069	-0,001	0,296
CHR12	11099235	CHR12:11099235	SSF x LoA	-8,098	0,085	0,291
CHR12	11099282	CHR12:11099282	SSF x LoA	-8,803	0,009	0,281
CHR12	11099292	CHR12:11099292	SSF x LoA	-5,526	-0,048	0,310
CHR12	11142094	CHR12:11142094	SSF x LoA	-10,060	0,011	0,292
CHR12	11142146	CHR12:11142146	SSF x LoA	-9,473	0,038	0,291
CHR12	1117318	CHR12:1117318	SSF x LoA	-8,086	-0,042	0,297
CHR12	1117360	CHR12:1117360	SSF x LoA	-9,270	0,061	0,302
CHR12	1117366	CHR12:1117366	SSF x LoA	-11,226	0,016	0,292
CHR12	11185185	CHR12:11185185	SSF x LoA	-8,464	0,085	0,288
CHR12	11185231	CHR12:11185231	SSF x LoA	-8,900	-0,038	0,296
CHR12	11185242	CHR12:11185242	SSF x LoA	-8,794	-0,123	0,274
CHR12	1119188	CHR12:1119188	SSF x LoA	-9,479	-0,027	0,292
CHR12	11215064	CHR12:11215064	SSF x LoA	-8,184	0,034	0,308
CHR12	11215098	CHR12:11215098	SSF x LoA	-8,709	0,124	0,277
CHR12	11272818	CHR12:11272818	SSF x LoA	-6,501	0,145	0,265
CHR12	11272870	CHR12:1127287C	SSF x LoA	-8,692	-0,021	0,288
CHR12	11272917	CHR12:11272917	SSF x LoA	-4,609	0,058	0,277
CHR12	11272926	CHR12:11272926	SSF x LoA	-9,352	0,135	0,272
CHR12	11272931	CHR12:11272931	SSF x LoA	-10,804	0,057	0,290
CHR12	11272964	CHR12:11272964	SSF x LoA	-8,313	0,014	0,282
CHR12	11276549	CHR12:11276549	SSF x LoA	-8,360	0,054	0,275
CHR12	11276634	CHR12:11276634	SSF x LoA	-7,013	0,152	0,276
CHR12	11276650	CHR12:1127665C	SSF x LoA	-8,411	-0,035	0,295
CHR12	11276662	CHR12:11276662	SSF x LoA	-11,524	-0,065	0,286
CHR12	11282783	CHR12:11282783	SSF x LoA	-10,309	0,005	0,277
CHR12	11282804	CHR12:11282804	SSF x LoA	-10,115	-0,067	0,277
CHR12	11295702	CHR12:11295702	SSF x LoA	-8,823	0,090	0,276
CHR12	11295917	CHR12:11295917	SSF x LoA	-9,003	0,008	0,307
CHR12	11299377	CHR12:11299377	SSF x LoA	-11,215	-0,030	0,283
CHR12	11299492	CHR12:11299492	SSF x LoA	-9,264	0,038	0,290
CHR12	11299502	CHR12:11299502	SSF x LoA	-8,332	0,098	0,290
CHR12	11299523	CHR12:11299523	SSF x LoA	-7,082	0,069	0,284
CHR12	11304609	CHR12:11304609	SSF x LoA	-10,864	-0,036	0,277
CHR12	11304651	CHR12:11304651	SSF x LoA	-10,616	0,025	0,294
CHR12	11304727	CHR12:11304727	SSF x LoA	-7,998	0,098	0,308
CHR12	11304786	CHR12:11304786	SSF x LoA	-5,313	-0,056	0,296
CHR12	11304815	CHR12:11304815	SSF x LoA	-9,531	0,027	0,289
CHR12	1130744	CHR12:1130744	SSF x LoA	-8,695	-0,005	0,308
CHR12	1130953	CHR12:1130953	SSF x LoA	-9,356	-0,010	0,285
CHR12	11321630	CHR12:1132163C	SSF x LoA	-9,071	0,077	0,275
CHR12	11321652	CHR12:11321652	SSF x LoA	-7,263	0,028	0,299
CHR12	11322805	CHR12:11322805	SSF x LoA	-8,769	0,062	0,299
CHR12	11322897	CHR12:11322897	SSF x LoA	-9,227	0,106	0,289
CHR12	11333149	CHR12:11333149	SSF x LoA	-10,677	0,020	0,288
CHR12	11333165	CHR12:11333165	SSF x LoA	-8,657	0,023	0,270
CHR12	11333225	CHR12:11333225	SSF x LoA	-8,484	0,053	0,288
CHR12	11333310	CHR12:1133331C	SSF x LoA	-11,330	0,017	0,287
CHR12	1134865	CHR12:1134865	SSF x LoA	-7,639	0,037	0,267
CHR12	1134878	CHR12:1134878	SSF x LoA	-10,953	-0,066	0,290

CHR12	1134917	CHR12:1134917	SSF x LoA	-6,198	0,038	0,268
CHR12	1134922	CHR12:1134922	SSF x LoA	-6,273	0,033	0,278
CHR12	1134941	CHR12:1134941	SSF x LoA	-10,110	0,029	0,289
CHR12	1134974	CHR12:1134974	SSF x LoA	-11,599	-0,080	0,269
CHR12	1134989	CHR12:1134989	SSF x LoA	-5,063	0,071	0,272
CHR12	11374796	CHR12:1137479	SSF x LoA	-7,863	-0,131	0,285
CHR12	11374937	CHR12:1137493	SSF x LoA	-8,656	-0,083	0,290
CHR12	11386256	CHR12:1138625	SSF x LoA	-7,214	0,023	0,285
CHR12	11398321	CHR12:1139832	SSF x LoA	-2,474	0,131	0,280
CHR12	11405463	CHR12:1140546	SSF x LoA	-7,874	-0,051	0,302
CHR12	11410024	CHR12:1141002	SSF x LoA	-0,057	-0,203	0,266
CHR12	11410208	CHR12:1141020	SSF x LoA	-9,460	-0,048	0,290
CHR12	11410223	CHR12:1141022	SSF x LoA	-9,248	0,126	0,277
CHR12	11410232	CHR12:1141023	SSF x LoA	-7,843	-0,009	0,296
CHR12	11417663	CHR12:1141766	SSF x LoA	-8,406	-0,019	0,298
CHR12	11417782	CHR12:1141778	SSF x LoA	-10,830	0,018	0,294
CHR12	11423492	CHR12:1142349	SSF x LoA	-7,394	0,052	0,273
CHR12	11423507	CHR12:1142350	SSF x LoA	-9,603	0,017	0,281
CHR12	11423595	CHR12:1142359	SSF x LoA	-7,777	-0,079	0,284
CHR12	11423606	CHR12:1142360	SSF x LoA	-8,956	-0,035	0,265
CHR12	11423657	CHR12:1142365	SSF x LoA	-8,325	-0,006	0,290
CHR12	11423665	CHR12:1142366	SSF x LoA	-8,060	-0,101	0,278
CHR12	11423674	CHR12:1142367	SSF x LoA	-7,328	0,004	0,283
CHR12	11423762	CHR12:1142376	SSF x LoA	-8,857	-0,089	0,292
CHR12	11441361	CHR12:1144136	SSF x LoA	-9,251	-0,021	0,289
CHR12	11441381	CHR12:1144138	SSF x LoA	-7,738	-0,083	0,295
CHR12	11441577	CHR12:1144157	SSF x LoA	-10,288	0,027	0,285
CHR12	11441612	CHR12:1144161	SSF x LoA	-9,758	-0,052	0,286
CHR12	11441614	CHR12:1144161	SSF x LoA	-5,186	-0,187	0,265
CHR12	11441615	CHR12:1144161	SSF x LoA	-8,390	-0,009	0,288
CHR12	11441628	CHR12:1144162	SSF x LoA	-10,022	-0,037	0,252
CHR12	11441664	CHR12:1144166	SSF x LoA	-8,317	-0,067	0,295
CHR12	11459652	CHR12:1145965	SSF x LoA	-9,480	0,045	0,289
CHR12	11459656	CHR12:1145965	SSF x LoA	-9,359	0,016	0,300
CHR12	11474074	CHR12:1147407	SSF x LoA	-9,889	0,101	0,285
CHR12	11474138	CHR12:1147413	SSF x LoA	-10,690	0,012	0,300
CHR12	11487440	CHR12:1148744	SSF x LoA	-7,431	-0,126	0,292
CHR12	11510203	CHR12:1151020	SSF x LoA	-7,747	0,028	0,288
CHR12	11510205	CHR12:1151020	SSF x LoA	-8,434	-0,015	0,279
CHR12	11510208	CHR12:1151020	SSF x LoA	-8,752	-0,009	0,278
CHR12	11510235	CHR12:1151023	SSF x LoA	-9,295	0,142	0,304
CHR12	11510251	CHR12:1151025	SSF x LoA	-11,061	0,035	0,289
CHR12	1151573	CHR12:1151573	SSF x LoA	-5,111	-0,154	0,293
CHR12	11531814	CHR12:1153181	SSF x LoA	-6,521	-0,042	0,277
CHR12	11540811	CHR12:1154081	SSF x LoA	-8,229	-0,055	0,286
CHR12	11540854	CHR12:1154085	SSF x LoA	-8,943	0,022	0,299
CHR12	11540947	CHR12:1154094	SSF x LoA	-8,313	-0,040	0,280
CHR12	11547969	CHR12:1154796	SSF x LoA	-9,850	-0,007	0,287
CHR12	11554972	CHR12:1155497	SSF x LoA	-7,871	0,002	0,312
CHR12	1161747	CHR12:1161747	SSF x LoA	-9,995	0,004	0,288
CHR12	1161888	CHR12:1161888	SSF x LoA	-7,398	-0,078	0,292
CHR12	1161964	CHR12:1161964	SSF x LoA	-7,181	0,009	0,281
CHR12	11634171	CHR12:1163417	SSF x LoA	-8,659	-0,157	0,283

CHR12	11642619	CHR12:1164261	SSF x LoA	-9,387	0,045	0,299
CHR12	11642833	CHR12:1164283	SSF x LoA	-10,872	0,050	0,279
CHR12	11642855	CHR12:1164285	SSF x LoA	-7,229	-0,061	0,291
CHR12	11642877	CHR12:1164287	SSF x LoA	-9,210	0,030	0,274
CHR12	11646220	CHR12:1164622	SSF x LoA	-8,120	-0,008	0,293
CHR12	11646258	CHR12:1164625	SSF x LoA	-6,452	-0,108	0,298
CHR12	11649604	CHR12:1164960	SSF x LoA	-11,506	-0,019	0,280
CHR12	11649665	CHR12:1164966	SSF x LoA	-9,006	-0,101	0,283
CHR12	1168276	CHR12:1168276	SSF x LoA	-8,560	-0,084	0,281
CHR12	11699845	CHR12:1169984	SSF x LoA	-8,077	-0,021	0,296
CHR12	11699856	CHR12:1169985	SSF x LoA	-9,302	0,051	0,305
CHR12	11699919	CHR12:1169991	SSF x LoA	-9,365	-0,087	0,270
CHR12	11714539	CHR12:1171453	SSF x LoA	-9,342	-0,072	0,297
CHR12	11714744	CHR12:1171474	SSF x LoA	-9,009	0,051	0,288
CHR12	1174458	CHR12:1174458	SSF x LoA	-9,414	-0,079	0,294
CHR12	1174576	CHR12:1174576	SSF x LoA	-6,160	0,171	0,277
CHR12	11746696	CHR12:1174669	SSF x LoA	-9,116	-0,102	0,292
CHR12	11746871	CHR12:1174687	SSF x LoA	-7,372	-0,021	0,297
CHR12	11746886	CHR12:1174688	SSF x LoA	-11,060	0,113	0,293
CHR12	117563	CHR12:117563	SSF x LoA	-8,747	0,085	0,286
CHR12	11762350	CHR12:1176235	SSF x LoA	-10,005	-0,007	0,292
CHR12	11762356	CHR12:1176235	SSF x LoA	-10,436	0,007	0,290
CHR12	11762363	CHR12:1176236	SSF x LoA	-10,358	0,092	0,287
CHR12	11762378	CHR12:1176237	SSF x LoA	-8,562	0,081	0,298
CHR12	11762397	CHR12:1176239	SSF x LoA	-8,462	0,069	0,304
CHR12	11762417	CHR12:1176241	SSF x LoA	-9,486	0,051	0,310
CHR12	11762440	CHR12:1176244	SSF x LoA	-7,616	0,012	0,297
CHR12	11762481	CHR12:1176248	SSF x LoA	-5,620	-0,062	0,301
CHR12	117660	CHR12:117660	SSF x LoA	-7,006	-0,046	0,302
CHR12	117708	CHR12:117708	SSF x LoA	-9,749	-0,013	0,284
CHR12	117730	CHR12:117730	SSF x LoA	-0,390	-0,019	0,286
CHR12	11788572	CHR12:1178857	SSF x LoA	-8,130	-0,047	0,274
CHR12	1181890	CHR12:1181890	SSF x LoA	-9,601	-0,036	0,293
CHR12	1182405	CHR12:1182405	SSF x LoA	-7,889	-0,026	0,290
CHR12	1182419	CHR12:1182419	SSF x LoA	-9,917	-0,007	0,286
CHR12	11847273	CHR12:1184727	SSF x LoA	-5,368	0,176	0,292
CHR12	11847299	CHR12:1184729	SSF x LoA	-10,143	0,068	0,282
CHR12	11853944	CHR12:1185394	SSF x LoA	-8,563	-0,023	0,308
CHR12	11853949	CHR12:1185394	SSF x LoA	-9,451	0,058	0,289
CHR12	11853961	CHR12:1185396	SSF x LoA	-9,998	-0,007	0,287
CHR12	11854044	CHR12:1185404	SSF x LoA	-8,190	0,019	0,296
CHR12	11880393	CHR12:1188039	SSF x LoA	-8,369	-0,109	0,278
CHR12	11880438	CHR12:1188043	SSF x LoA	-1,612	-0,210	0,278
CHR12	11880495	CHR12:1188049	SSF x LoA	-6,251	0,070	0,306
CHR12	11880543	CHR12:1188054	SSF x LoA	-10,187	0,033	0,297
CHR12	11880599	CHR12:1188059	SSF x LoA	-8,524	-0,019	0,292
CHR12	11900374	CHR12:1190037	SSF x LoA	-4,027	0,035	0,306
CHR12	11900495	CHR12:1190049	SSF x LoA	-8,788	-0,014	0,297
CHR12	11905384	CHR12:1190538	SSF x LoA	-3,545	0,068	0,304
CHR12	11913552	CHR12:1191355	SSF x LoA	-8,197	-0,047	0,304
CHR12	11913571	CHR12:1191357	SSF x LoA	-9,269	0,025	0,280
CHR12	11913580	CHR12:1191358	SSF x LoA	-9,396	0,046	0,279
CHR12	11913642	CHR12:1191364	SSF x LoA	-9,259	0,071	0,280

CHR12	11913650	CHR12:1191365(	SSF x LoA	-9,402	0,019	0,296
CHR12	11913693	CHR12:1191369(	SSF x LoA	-7,418	0,046	0,299
CHR12	11913694	CHR12:1191369(	SSF x LoA	-8,171	0,059	0,301
CHR12	11919554	CHR12:1191955(	SSF x LoA	-8,680	-0,016	0,295
CHR12	11919556	CHR12:1191955(	SSF x LoA	-8,122	-0,087	0,283
CHR12	11919598	CHR12:1191959(	SSF x LoA	-7,148	0,091	0,285
CHR12	11923656	CHR12:1192365(	SSF x LoA	-6,729	-0,137	0,287
CHR12	11928060	CHR12:1192806(	SSF x LoA	-11,219	-0,092	0,283
CHR12	11928145	CHR12:1192814(	SSF x LoA	-8,286	0,021	0,289
CHR12	11928214	CHR12:1192821(	SSF x LoA	-9,380	0,016	0,310
CHR12	11935885	CHR12:1193588(	SSF x LoA	-9,652	-0,080	0,290
CHR12	11935981	CHR12:1193598(	SSF x LoA	-9,190	-0,066	0,299
CHR12	11936021	CHR12:1193602(	SSF x LoA	2,218	-0,098	0,275
CHR12	11936037	CHR12:1193603(	SSF x LoA	-9,301	-0,048	0,287
CHR12	11940215	CHR12:1194021(	SSF x LoA	-7,525	-0,101	0,304
CHR12	11953115	CHR12:1195311(	SSF x LoA	-5,689	0,055	0,284
CHR12	11955657	CHR12:1195565(	SSF x LoA	-9,007	-0,032	0,288
CHR12	11955685	CHR12:1195568(	SSF x LoA	-10,865	0,006	0,280
CHR12	11955735	CHR12:1195573(	SSF x LoA	-8,423	0,038	0,281
CHR12	1198526	CHR12:1198526	SSF x LoA	-9,258	-0,070	0,295
CHR12	11988726	CHR12:1198872(	SSF x LoA	-9,042	0,148	0,288
CHR12	12042654	CHR12:1204265(	SSF x LoA	-5,723	0,073	0,291
CHR12	12044805	CHR12:1204480(	SSF x LoA	-11,042	-0,041	0,287
CHR12	12048080	CHR12:1204808(	SSF x LoA	-2,023	0,226	0,255
CHR12	1207901	CHR12:1207901	SSF x LoA	-6,595	0,043	0,292
CHR12	12082998	CHR12:1208299(	SSF x LoA	-9,334	0,029	0,305
CHR12	12083052	CHR12:1208305(	SSF x LoA	-9,199	0,024	0,301
CHR12	120934	CHR12:120934	SSF x LoA	-10,921	-0,047	0,286
CHR12	120952	CHR12:120952	SSF x LoA	-10,843	0,056	0,276
CHR12	12101797	CHR12:1210179(	SSF x LoA	-8,474	0,059	0,298
CHR12	12102478	CHR12:1210247(	SSF x LoA	-8,133	-0,134	0,271
CHR12	12102597	CHR12:1210259(	SSF x LoA	-3,679	0,171	0,288
CHR12	12102612	CHR12:1210261(	SSF x LoA	-8,824	-0,057	0,288
CHR12	12102763	CHR12:1210276(	SSF x LoA	-10,455	0,085	0,273
CHR12	12102799	CHR12:1210279(	SSF x LoA	-9,809	0,011	0,287
CHR12	12109267	CHR12:1210926(	SSF x LoA	-7,698	0,072	0,294
CHR12	12109433	CHR12:1210943(	SSF x LoA	-4,754	0,084	0,279
CHR12	12109539	CHR12:1210953(	SSF x LoA	-8,068	0,067	0,282
CHR12	12109596	CHR12:1210959(	SSF x LoA	-10,415	0,060	0,290
CHR12	12120077	CHR12:1212007(	SSF x LoA	-9,358	-0,136	0,280
CHR12	12120652	CHR12:1212065(	SSF x LoA	-4,885	-0,132	0,295
CHR12	12120656	CHR12:1212065(	SSF x LoA	-6,839	-0,095	0,292
CHR12	12120734	CHR12:1212073(	SSF x LoA	-8,277	-0,004	0,290
CHR12	12133216	CHR12:1213321(	SSF x LoA	-8,144	-0,007	0,293
CHR12	12133368	CHR12:1213336(	SSF x LoA	-9,313	-0,097	0,285
CHR12	12143569	CHR12:1214356(	SSF x LoA	-11,686	0,004	0,280
CHR12	12169561	CHR12:1216956(	SSF x LoA	-10,956	-0,120	0,279
CHR12	12183298	CHR12:1218329(	SSF x LoA	-11,277	-0,063	0,299
CHR12	12183326	CHR12:1218332(	SSF x LoA	-5,263	-0,110	0,275
CHR12	12183383	CHR12:1218338(	SSF x LoA	-7,603	-0,164	0,266
CHR12	12183404	CHR12:1218340(	SSF x LoA	-3,803	-0,088	0,281
CHR12	12185843	CHR12:1218584(	SSF x LoA	-7,076	-0,075	0,289
CHR12	12185844	CHR12:1218584(	SSF x LoA	-7,073	-0,068	0,294

CHR12	12185847	CHR12:12185847	SSF x LoA	-2,141	-0,249	0,274
CHR12	12186010	CHR12:12186010	SSF x LoA	-9,335	0,006	0,281
CHR12	12186085	CHR12:12186085	SSF x LoA	-8,356	0,043	0,300
CHR12	12186195	CHR12:12186195	SSF x LoA	-8,837	0,064	0,286
CHR12	12192317	CHR12:12192317	SSF x LoA	-7,206	-0,116	0,282
CHR12	12192398	CHR12:12192398	SSF x LoA	-8,565	-0,022	0,283
CHR12	1219569	CHR12:1219569	SSF x LoA	-8,340	-0,047	0,293
CHR12	1219822	CHR12:1219822	SSF x LoA	-6,584	-0,044	0,287
CHR12	1222642	CHR12:1222642	SSF x LoA	-9,910	0,042	0,305
CHR12	12226695	CHR12:12226695	SSF x LoA	-6,734	-0,075	0,293
CHR12	1222721	CHR12:1222721	SSF x LoA	-10,144	0,070	0,294
CHR12	1222777	CHR12:1222777	SSF x LoA	-9,856	0,041	0,306
CHR12	1222818	CHR12:1222818	SSF x LoA	-9,070	0,077	0,289
CHR12	12232956	CHR12:12232956	SSF x LoA	-4,598	0,191	0,289
CHR12	12246762	CHR12:12246762	SSF x LoA	-5,983	0,058	0,289
CHR12	12246811	CHR12:12246811	SSF x LoA	-8,310	-0,077	0,297
CHR12	12246924	CHR12:12246924	SSF x LoA	-8,777	-0,067	0,272
CHR12	12246929	CHR12:12246929	SSF x LoA	-7,652	-0,030	0,294
CHR12	12246987	CHR12:12246987	SSF x LoA	-7,796	0,012	0,308
CHR12	12261646	CHR12:12261646	SSF x LoA	-8,896	0,055	0,296
CHR12	12261766	CHR12:12261766	SSF x LoA	-11,244	0,006	0,282
CHR12	12261776	CHR12:12261776	SSF x LoA	-6,535	0,174	0,284
CHR12	1227387	CHR12:1227387	SSF x LoA	-7,956	0,090	0,290
CHR12	12279720	CHR12:12279720	SSF x LoA	-5,181	-0,101	0,300
CHR12	1228107	CHR12:1228107	SSF x LoA	-7,070	-0,119	0,290
CHR12	12295203	CHR12:12295203	SSF x LoA	-5,274	0,183	0,283
CHR12	12295211	CHR12:12295211	SSF x LoA	-6,448	0,060	0,287
CHR12	12295250	CHR12:12295250	SSF x LoA	-0,841	0,112	0,288
CHR12	12295257	CHR12:12295257	SSF x LoA	-6,644	0,103	0,291
CHR12	12306515	CHR12:12306515	SSF x LoA	-5,946	-0,116	0,274
CHR12	12306517	CHR12:12306517	SSF x LoA	-7,413	0,156	0,297
CHR12	12310508	CHR12:12310508	SSF x LoA	-10,521	0,050	0,299
CHR12	12315296	CHR12:12315296	SSF x LoA	-7,798	-0,066	0,287
CHR12	1232501	CHR12:1232501	SSF x LoA	-1,434	-0,176	0,284
CHR12	1232658	CHR12:1232658	SSF x LoA	-7,604	-0,134	0,285
CHR12	12331301	CHR12:12331301	SSF x LoA	-10,491	0,062	0,295
CHR12	12331422	CHR12:12331422	SSF x LoA	-5,744	0,124	0,277
CHR12	1234662	CHR12:1234662	SSF x LoA	-8,119	0,124	0,281
CHR12	1234717	CHR12:1234717	SSF x LoA	-8,298	-0,037	0,278
CHR12	12368670	CHR12:12368670	SSF x LoA	-7,169	-0,138	0,298
CHR12	12408154	CHR12:12408154	SSF x LoA	-10,915	-0,058	0,289
CHR12	12408287	CHR12:12408287	SSF x LoA	-10,143	-0,013	0,292
CHR12	12408329	CHR12:12408329	SSF x LoA	-10,174	0,016	0,279
CHR12	12409582	CHR12:12409582	SSF x LoA	-8,628	0,001	0,278
CHR12	12409837	CHR12:12409837	SSF x LoA	-9,429	0,056	0,288
CHR12	12425195	CHR12:12425195	SSF x LoA	-7,476	-0,129	0,283
CHR12	12425228	CHR12:12425228	SSF x LoA	-8,833	-0,005	0,283
CHR12	12425307	CHR12:12425307	SSF x LoA	-7,142	0,146	0,272
CHR12	12432167	CHR12:12432167	SSF x LoA	-5,590	0,187	0,303
CHR12	1243612	CHR12:1243612	SSF x LoA	-7,201	0,073	0,281
CHR12	1243697	CHR12:1243697	SSF x LoA	-8,824	-0,037	0,281
CHR12	1243725	CHR12:1243725	SSF x LoA	-4,173	0,113	0,284
CHR12	12441091	CHR12:12441091	SSF x LoA	-5,661	-0,145	0,285

CHR12	12450661	CHR12:12450661	SSF x LoA	-10,127	-0,021	0,302
CHR12	12450735	CHR12:12450735	SSF x LoA	-9,179	-0,083	0,269
CHR12	12453829	CHR12:12453829	SSF x LoA	-10,534	-0,053	0,295
CHR12	12453830	CHR12:12453830	SSF x LoA	-2,710	-0,162	0,284
CHR12	12453831	CHR12:12453831	SSF x LoA	-4,037	-0,209	0,281
CHR12	12453965	CHR12:12453965	SSF x LoA	-10,287	0,033	0,289
CHR12	12466910	CHR12:12466910	SSF x LoA	-8,383	-0,057	0,291
CHR12	12476628	CHR12:12476628	SSF x LoA	-10,266	-0,008	0,288
CHR12	12476749	CHR12:12476749	SSF x LoA	-8,244	0,066	0,287
CHR12	12477137	CHR12:12477137	SSF x LoA	-10,763	-0,012	0,291
CHR12	12484807	CHR12:12484807	SSF x LoA	-5,272	-0,138	0,292
CHR12	12487172	CHR12:12487172	SSF x LoA	-9,221	-0,018	0,281
CHR12	12499586	CHR12:12499586	SSF x LoA	-7,059	-0,032	0,287
CHR12	12502804	CHR12:12502804	SSF x LoA	-10,719	-0,007	0,290
CHR12	12502877	CHR12:12502877	SSF x LoA	-8,106	-0,123	0,277
CHR12	1251693	CHR12:1251693	SSF x LoA	-8,846	0,126	0,292
CHR12	12531231	CHR12:12531231	SSF x LoA	-9,067	0,050	0,297
CHR12	12531240	CHR12:12531240	SSF x LoA	-8,189	0,100	0,273
CHR12	12531256	CHR12:12531256	SSF x LoA	-8,220	0,094	0,286
CHR12	12534692	CHR12:12534692	SSF x LoA	-10,977	0,059	0,292
CHR12	12534770	CHR12:12534770	SSF x LoA	-6,967	-0,167	0,282
CHR12	12534796	CHR12:12534796	SSF x LoA	-11,239	0,008	0,283
CHR12	12534850	CHR12:12534850	SSF x LoA	-9,430	-0,008	0,310
CHR12	12534887	CHR12:12534887	SSF x LoA	-9,918	-0,134	0,271
CHR12	12551107	CHR12:12551107	SSF x LoA	-8,182	-0,157	0,282
CHR12	12568526	CHR12:12568526	SSF x LoA	-10,269	-0,032	0,282
CHR12	12568527	CHR12:12568527	SSF x LoA	-9,595	-0,035	0,295
CHR12	12568590	CHR12:12568590	SSF x LoA	-10,195	0,006	0,292
CHR12	1257173	CHR12:1257173	SSF x LoA	-10,663	0,018	0,283
CHR12	12603431	CHR12:12603431	SSF x LoA	-7,872	0,081	0,278
CHR12	12603503	CHR12:12603503	SSF x LoA	-9,039	-0,020	0,290
CHR12	12627004	CHR12:12627004	SSF x LoA	-9,526	-0,059	0,280
CHR12	1263102	CHR12:1263102	SSF x LoA	-6,459	-0,109	0,293
CHR12	1263144	CHR12:1263144	SSF x LoA	-8,977	0,011	0,284
CHR12	1269537	CHR12:1269537	SSF x LoA	-9,323	-0,021	0,284
CHR12	1269606	CHR12:1269606	SSF x LoA	-10,553	-0,150	0,264
CHR12	12715548	CHR12:12715548	SSF x LoA	-10,345	-0,003	0,298
CHR12	1277876	CHR12:1277876	SSF x LoA	-7,806	-0,066	0,301
CHR12	1291612	CHR12:1291612	SSF x LoA	-5,422	-0,103	0,290
CHR12	1291784	CHR12:1291784	SSF x LoA	-8,613	-0,098	0,288
CHR12	130264	CHR12:130264	SSF x LoA	-5,782	0,093	0,286
CHR12	130368	CHR12:130368	SSF x LoA	5,442	0,133	0,285
CHR12	1313351	CHR12:1313351	SSF x LoA	-8,318	0,069	0,288
CHR12	1313414	CHR12:1313414	SSF x LoA	-8,461	0,147	0,276
CHR12	1316900	CHR12:1316900	SSF x LoA	-9,354	0,032	0,293
CHR12	1319364	CHR12:1319364	SSF x LoA	-1,318	0,161	0,304
CHR12	1323651	CHR12:1323651	SSF x LoA	0,499	-0,059	0,290
CHR12	1323654	CHR12:1323654	SSF x LoA	-3,544	0,196	0,286
CHR12	1323707	CHR12:1323707	SSF x LoA	-7,259	0,051	0,296
CHR12	1323742	CHR12:1323742	SSF x LoA	-7,302	0,087	0,289
CHR12	1323763	CHR12:1323763	SSF x LoA	-11,226	0,055	0,284
CHR12	1323791	CHR12:1323791	SSF x LoA	-7,274	0,064	0,303
CHR12	1323793	CHR12:1323793	SSF x LoA	-8,317	0,035	0,296

CHR12	1337788	CHR12:1337788	SSF x LoA	-6,953	0,086	0,300
CHR12	1337831	CHR12:1337831	SSF x LoA	-6,719	0,056	0,299
CHR12	1352073	CHR12:1352073	SSF x LoA	-10,070	-0,088	0,287
CHR12	1352082	CHR12:1352082	SSF x LoA	4,331	0,137	0,273
CHR12	1352152	CHR12:1352152	SSF x LoA	-4,728	-0,035	0,303
CHR12	1367760	CHR12:1367760	SSF x LoA	-9,318	-0,096	0,277
CHR12	1367804	CHR12:1367804	SSF x LoA	-5,647	-0,143	0,270
CHR12	1368949	CHR12:1368949	SSF x LoA	-8,989	0,007	0,289
CHR12	1368953	CHR12:1368953	SSF x LoA	-8,712	-0,046	0,273
CHR12	1368998	CHR12:1368998	SSF x LoA	-8,798	-0,068	0,279
CHR12	1369001	CHR12:1369001	SSF x LoA	-7,887	-0,130	0,290
CHR12	1369092	CHR12:1369092	SSF x LoA	-8,114	-0,035	0,293
CHR12	1387821	CHR12:1387821	SSF x LoA	-8,079	0,141	0,292
CHR12	1387849	CHR12:1387849	SSF x LoA	-6,924	0,081	0,280
CHR12	138964	CHR12:138964	SSF x LoA	-8,535	-0,028	0,277
CHR12	1396719	CHR12:1396719	SSF x LoA	-9,719	0,007	0,288
CHR12	1396749	CHR12:1396749	SSF x LoA	-9,120	-0,006	0,285
CHR12	1396924	CHR12:1396924	SSF x LoA	-6,971	-0,116	0,305
CHR12	1396948	CHR12:1396948	SSF x LoA	-8,579	-0,133	0,281
CHR12	1396960	CHR12:1396960	SSF x LoA	-10,341	0,018	0,275
CHR12	1400941	CHR12:1400941	SSF x LoA	-8,285	0,023	0,292
CHR12	1400947	CHR12:1400947	SSF x LoA	-10,481	0,061	0,300
CHR12	1401013	CHR12:1401013	SSF x LoA	-9,637	0,030	0,276
CHR12	1401161	CHR12:1401161	SSF x LoA	-7,555	-0,132	0,290
CHR12	1415311	CHR12:1415311	SSF x LoA	-9,550	0,115	0,304
CHR12	1415312	CHR12:1415312	SSF x LoA	-9,713	0,119	0,302
CHR12	1415352	CHR12:1415352	SSF x LoA	-7,378	-0,115	0,293
CHR12	141663	CHR12:141663	SSF x LoA	-7,527	0,004	0,284
CHR12	141800	CHR12:141800	SSF x LoA	-5,550	-0,031	0,296
CHR12	1422309	CHR12:1422309	SSF x LoA	-9,533	0,066	0,292
CHR12	1434420	CHR12:1434420	SSF x LoA	-8,145	0,080	0,272
CHR12	1455905	CHR12:1455905	SSF x LoA	-5,434	-0,025	0,294
CHR12	1465283	CHR12:1465283	SSF x LoA	-9,753	0,037	0,289
CHR12	1465301	CHR12:1465301	SSF x LoA	-8,051	0,124	0,284
CHR12	1465654	CHR12:1465654	SSF x LoA	-9,181	0,018	0,305
CHR12	1470191	CHR12:1470191	SSF x LoA	-8,889	-0,147	0,288
CHR12	1470220	CHR12:1470220	SSF x LoA	-7,134	-0,144	0,275
CHR12	1470311	CHR12:1470311	SSF x LoA	-8,318	-0,122	0,283
CHR12	1524854	CHR12:1524854	SSF x LoA	-9,334	-0,094	0,282
CHR12	1524911	CHR12:1524911	SSF x LoA	-8,716	-0,067	0,289
CHR12	1531776	CHR12:1531776	SSF x LoA	-9,468	0,001	0,295
CHR12	1531849	CHR12:1531849	SSF x LoA	-10,562	-0,078	0,276
CHR12	1540852	CHR12:1540852	SSF x LoA	-7,247	0,037	0,297
CHR12	1541008	CHR12:1541008	SSF x LoA	-7,917	-0,070	0,273
CHR12	1551287	CHR12:1551287	SSF x LoA	-8,720	-0,154	0,277
CHR12	1551395	CHR12:1551395	SSF x LoA	-10,154	0,003	0,279
CHR12	1551738	CHR12:1551738	SSF x LoA	-9,651	0,031	0,274
CHR12	1575059	CHR12:1575059	SSF x LoA	-8,716	0,016	0,291
CHR12	1575084	CHR12:1575084	SSF x LoA	-8,058	-0,128	0,302
CHR12	1581279	CHR12:1581279	SSF x LoA	-6,400	0,132	0,298
CHR12	1583464	CHR12:1583464	SSF x LoA	-10,741	0,059	0,288
CHR12	1583482	CHR12:1583482	SSF x LoA	-5,666	-0,128	0,280
CHR12	1598902	CHR12:1598902	SSF x LoA	-5,810	-0,066	0,298

CHR12	1602969	CHR12:1602969	SSF x LoA	-8,364	0,125	0,277
CHR12	1603174	CHR12:1603174	SSF x LoA	-10,265	0,017	0,284
CHR12	1603194	CHR12:1603194	SSF x LoA	-5,090	0,068	0,294
CHR12	1606638	CHR12:1606638	SSF x LoA	-8,139	-0,028	0,294
CHR12	1606658	CHR12:1606658	SSF x LoA	-7,911	-0,147	0,296
CHR12	160674	CHR12:160674	SSF x LoA	-9,093	-0,040	0,296
CHR12	1618291	CHR12:1618291	SSF x LoA	-9,831	-0,076	0,290
CHR12	1622908	CHR12:1622908	SSF x LoA	-11,355	0,031	0,284
CHR12	1648996	CHR12:1648996	SSF x LoA	-6,133	-0,130	0,277
CHR12	1649005	CHR12:1649005	SSF x LoA	-7,312	-0,127	0,270
CHR12	1649041	CHR12:1649041	SSF x LoA	-7,086	0,132	0,277
CHR12	1649049	CHR12:1649049	SSF x LoA	-5,575	0,144	0,279
CHR12	1649060	CHR12:1649060	SSF x LoA	-5,421	0,167	0,274
CHR12	1649061	CHR12:1649061	SSF x LoA	-5,186	0,170	0,261
CHR12	1649092	CHR12:1649092	SSF x LoA	-0,781	0,163	0,266
CHR12	1649132	CHR12:1649132	SSF x LoA	-1,499	0,103	0,294
CHR12	1649141	CHR12:1649141	SSF x LoA	-8,229	-0,106	0,290
CHR12	1649167	CHR12:1649167	SSF x LoA	-7,968	0,031	0,297
CHR12	1649173	CHR12:1649173	SSF x LoA	-8,311	0,056	0,298
CHR12	1649206	CHR12:1649206	SSF x LoA	-5,566	-0,167	0,289
CHR12	1653174	CHR12:1653174	SSF x LoA	3,804	0,127	0,298
CHR12	1656423	CHR12:1656423	SSF x LoA	-10,419	-0,053	0,288
CHR12	1658122	CHR12:1658122	SSF x LoA	-7,980	-0,077	0,280
CHR12	1658152	CHR12:1658152	SSF x LoA	-5,992	-0,118	0,279
CHR12	1668346	CHR12:1668346	SSF x LoA	-7,203	0,125	0,268
CHR12	1668427	CHR12:1668427	SSF x LoA	-7,786	0,098	0,282
CHR12	1668486	CHR12:1668486	SSF x LoA	-7,963	0,116	0,277
CHR12	1681939	CHR12:1681939	SSF x LoA	-6,702	0,156	0,280
CHR12	1692985	CHR12:1692985	SSF x LoA	-8,694	0,026	0,289
CHR12	1699639	CHR12:1699639	SSF x LoA	-6,438	0,084	0,301
CHR12	1699762	CHR12:1699762	SSF x LoA	-9,781	-0,030	0,309
CHR12	1716368	CHR12:1716368	SSF x LoA	-1,621	0,089	0,312
CHR12	1716384	CHR12:1716384	SSF x LoA	-5,910	-0,151	0,276
CHR12	1719175	CHR12:1719175	SSF x LoA	-9,664	-0,083	0,273
CHR12	1720783	CHR12:1720783	SSF x LoA	-10,018	0,028	0,301
CHR12	1720823	CHR12:1720823	SSF x LoA	-10,121	0,103	0,293
CHR12	1720912	CHR12:1720912	SSF x LoA	-3,033	-0,184	0,297
CHR12	172313	CHR12:172313	SSF x LoA	-8,932	-0,042	0,300
CHR12	1732500	CHR12:1732500	SSF x LoA	-8,015	-0,035	0,304
CHR12	1732550	CHR12:1732550	SSF x LoA	-10,667	0,003	0,294
CHR12	1740808	CHR12:1740808	SSF x LoA	-9,189	-0,009	0,284
CHR12	1740824	CHR12:1740824	SSF x LoA	-10,244	-0,136	0,281
CHR12	1743002	CHR12:1743002	SSF x LoA	-10,316	0,019	0,292
CHR12	1743088	CHR12:1743088	SSF x LoA	-9,755	0,084	0,285
CHR12	1762966	CHR12:1762966	SSF x LoA	-9,845	-0,076	0,277
CHR12	1763031	CHR12:1763031	SSF x LoA	-9,421	0,024	0,275
CHR12	1789789	CHR12:1789789	SSF x LoA	-8,481	0,001	0,286
CHR12	1789797	CHR12:1789797	SSF x LoA	-8,375	0,002	0,296
CHR12	1791024	CHR12:1791024	SSF x LoA	-8,662	0,038	0,283
CHR12	1791194	CHR12:1791194	SSF x LoA	-8,425	0,007	0,297
CHR12	1791233	CHR12:1791233	SSF x LoA	-8,779	0,041	0,294
CHR12	1808926	CHR12:1808926	SSF x LoA	-9,590	-0,051	0,290
CHR12	1814137	CHR12:1814137	SSF x LoA	-9,258	-0,081	0,277

CHR12	1814171	CHR12:1814171	SSF x LoA	-8,809	0,058	0,290
CHR12	1819655	CHR12:1819655	SSF x LoA	-9,290	-0,102	0,282
CHR12	1819936	CHR12:1819936	SSF x LoA	-10,254	-0,061	0,295
CHR12	1820045	CHR12:1820045	SSF x LoA	-8,532	-0,073	0,280
CHR12	1832284	CHR12:1832284	SSF x LoA	-8,739	0,002	0,288
CHR12	1832324	CHR12:1832324	SSF x LoA	-2,832	0,000	0,296
CHR12	1832415	CHR12:1832415	SSF x LoA	-8,021	0,010	0,301
CHR12	1832679	CHR12:1832679	SSF x LoA	-10,861	-0,074	0,287
CHR12	1843988	CHR12:1843988	SSF x LoA	-5,704	-0,208	0,283
CHR12	1844002	CHR12:1844002	SSF x LoA	-10,563	0,017	0,294
CHR12	1844018	CHR12:1844018	SSF x LoA	-10,643	-0,030	0,292
CHR12	1844070	CHR12:1844070	SSF x LoA	-10,723	0,038	0,298
CHR12	1844112	CHR12:1844112	SSF x LoA	-9,740	0,075	0,290
CHR12	1846636	CHR12:1846636	SSF x LoA	-10,829	0,009	0,298
CHR12	1846639	CHR12:1846639	SSF x LoA	-10,356	0,056	0,297
CHR12	1846710	CHR12:1846710	SSF x LoA	-9,404	-0,127	0,292
CHR12	1850756	CHR12:1850756	SSF x LoA	-6,457	0,078	0,291
CHR12	1850781	CHR12:1850781	SSF x LoA	-10,474	-0,071	0,274
CHR12	1850801	CHR12:1850801	SSF x LoA	-8,504	0,068	0,294
CHR12	1850962	CHR12:1850962	SSF x LoA	-10,128	-0,100	0,281
CHR12	1850966	CHR12:1850966	SSF x LoA	-2,312	0,074	0,293
CHR12	1851121	CHR12:1851121	SSF x LoA	-7,616	0,072	0,300
CHR12	1856385	CHR12:1856385	SSF x LoA	-8,302	-0,105	0,280
CHR12	1856542	CHR12:1856542	SSF x LoA	-8,943	0,130	0,299
CHR12	1856594	CHR12:1856594	SSF x LoA	-8,314	0,113	0,263
CHR12	1856631	CHR12:1856631	SSF x LoA	-6,251	-0,003	0,290
CHR12	1861489	CHR12:1861489	SSF x LoA	-6,742	0,066	0,299
CHR12	1861595	CHR12:1861595	SSF x LoA	-8,589	-0,132	0,279
CHR12	1863723	CHR12:1863723	SSF x LoA	-6,285	0,121	0,287
CHR12	1863734	CHR12:1863734	SSF x LoA	-10,030	0,030	0,283
CHR12	1863964	CHR12:1863964	SSF x LoA	-7,092	-0,095	0,290
CHR12	1863966	CHR12:1863966	SSF x LoA	-6,211	-0,143	0,295
CHR12	1863989	CHR12:1863989	SSF x LoA	-7,209	-0,110	0,292
CHR12	1886054	CHR12:1886054	SSF x LoA	-8,979	0,117	0,279
CHR12	1886080	CHR12:1886080	SSF x LoA	-9,932	0,089	0,292
CHR12	1886177	CHR12:1886177	SSF x LoA	-10,234	-0,073	0,286
CHR12	1909896	CHR12:1909896	SSF x LoA	-7,970	-0,016	0,297
CHR12	1909989	CHR12:1909989	SSF x LoA	-6,202	-0,109	0,279
CHR12	1909994	CHR12:1909994	SSF x LoA	-6,898	-0,099	0,279
CHR12	1910069	CHR12:1910069	SSF x LoA	-8,563	-0,102	0,286
CHR12	1910122	CHR12:1910122	SSF x LoA	-9,724	-0,139	0,290
CHR12	1910137	CHR12:1910137	SSF x LoA	-8,759	0,002	0,290
CHR12	1910155	CHR12:1910155	SSF x LoA	-7,003	-0,152	0,291
CHR12	1914471	CHR12:1914471	SSF x LoA	-9,811	0,004	0,302
CHR12	1927433	CHR12:1927433	SSF x LoA	-8,548	0,061	0,293
CHR12	1927434	CHR12:1927434	SSF x LoA	-10,948	0,014	0,278
CHR12	1927455	CHR12:1927455	SSF x LoA	-10,129	-0,053	0,291
CHR12	1927538	CHR12:1927538	SSF x LoA	-8,154	-0,030	0,296
CHR12	1927695	CHR12:1927695	SSF x LoA	-6,973	-0,040	0,286
CHR12	1937738	CHR12:1937738	SSF x LoA	-9,711	0,007	0,275
CHR12	1956705	CHR12:1956705	SSF x LoA	-9,668	0,065	0,281
CHR12	1962268	CHR12:1962268	SSF x LoA	-6,041	0,085	0,293
CHR12	1977865	CHR12:1977865	SSF x LoA	-9,903	-0,021	0,289

CHR12	1977900	CHR12:1977900	SSF x LoA	-10,269	0,008	0,295
CHR12	1998687	CHR12:1998687	SSF x LoA	-9,266	0,080	0,290
CHR12	1998975	CHR12:1998975	SSF x LoA	-7,152	0,061	0,283
CHR12	2009080	CHR12:2009080	SSF x LoA	-5,762	-0,186	0,284
CHR12	2009205	CHR12:2009205	SSF x LoA	-7,118	-0,128	0,299
CHR12	2012155	CHR12:2012155	SSF x LoA	-6,777	0,092	0,292
CHR12	2012464	CHR12:2012464	SSF x LoA	-8,921	0,138	0,276
CHR12	2024430	CHR12:2024430	SSF x LoA	-6,463	0,077	0,277
CHR12	2028922	CHR12:2028922	SSF x LoA	-4,704	0,209	0,280
CHR12	2029108	CHR12:2029108	SSF x LoA	-7,351	-0,129	0,284
CHR12	2051539	CHR12:2051539	SSF x LoA	-7,979	-0,001	0,303
CHR12	2051550	CHR12:2051550	SSF x LoA	-5,978	0,010	0,298
CHR12	2051583	CHR12:2051583	SSF x LoA	-9,826	0,042	0,286
CHR12	2051608	CHR12:2051608	SSF x LoA	-7,196	0,042	0,290
CHR12	2051617	CHR12:2051617	SSF x LoA	-7,197	0,034	0,302
CHR12	2051698	CHR12:2051698	SSF x LoA	-8,537	0,064	0,284
CHR12	2051718	CHR12:2051718	SSF x LoA	-5,452	0,056	0,293
CHR12	2051769	CHR12:2051769	SSF x LoA	-9,083	0,023	0,287
CHR12	2051799	CHR12:2051799	SSF x LoA	-8,181	0,038	0,288
CHR12	2051802	CHR12:2051802	SSF x LoA	-11,357	0,032	0,280
CHR12	2051811	CHR12:2051811	SSF x LoA	-6,713	0,070	0,299
CHR12	2051825	CHR12:2051825	SSF x LoA	-9,117	0,029	0,283
CHR12	2051829	CHR12:2051829	SSF x LoA	-8,940	0,016	0,290
CHR12	2063342	CHR12:2063342	SSF x LoA	-3,096	0,081	0,291
CHR12	2063490	CHR12:2063490	SSF x LoA	-11,005	0,017	0,294
CHR12	2066735	CHR12:2066735	SSF x LoA	-8,757	0,068	0,298
CHR12	2066751	CHR12:2066751	SSF x LoA	-10,299	0,145	0,288
CHR12	2066774	CHR12:2066774	SSF x LoA	-9,481	0,160	0,286
CHR12	2066775	CHR12:2066775	SSF x LoA	-10,293	0,161	0,290
CHR12	2066776	CHR12:2066776	SSF x LoA	-9,711	0,132	0,302
CHR12	2066779	CHR12:2066779	SSF x LoA	-3,073	0,158	0,280
CHR12	2075779	CHR12:2075779	SSF x LoA	-7,869	0,016	0,313
CHR12	2079489	CHR12:2079489	SSF x LoA	-10,333	0,004	0,287
CHR12	2083986	CHR12:2083986	SSF x LoA	-5,037	0,067	0,277
CHR12	2084040	CHR12:2084040	SSF x LoA	-10,223	0,011	0,285
CHR12	2096140	CHR12:2096140	SSF x LoA	-3,346	0,254	0,259
CHR12	2111368	CHR12:2111368	SSF x LoA	-8,730	0,021	0,278
CHR12	2111437	CHR12:2111437	SSF x LoA	-8,875	0,002	0,284
CHR12	2112594	CHR12:2112594	SSF x LoA	-11,175	0,045	0,281
CHR12	2120747	CHR12:2120747	SSF x LoA	-9,134	-0,091	0,297
CHR12	2137454	CHR12:2137454	SSF x LoA	-7,793	0,091	0,292
CHR12	2137458	CHR12:2137458	SSF x LoA	-8,434	0,005	0,282
CHR12	2140392	CHR12:2140392	SSF x LoA	-10,185	0,066	0,301
CHR12	2140480	CHR12:2140480	SSF x LoA	-10,034	-0,014	0,283
CHR12	2152377	CHR12:2152377	SSF x LoA	-3,466	0,200	0,287
CHR12	2158408	CHR12:2158408	SSF x LoA	-9,924	0,059	0,282
CHR12	2160684	CHR12:2160684	SSF x LoA	-6,128	-0,145	0,265
CHR12	2186549	CHR12:2186549	SSF x LoA	-8,286	-0,054	0,303
CHR12	2186647	CHR12:2186647	SSF x LoA	-9,411	-0,039	0,274
CHR12	2194827	CHR12:2194827	SSF x LoA	-9,546	-0,001	0,292
CHR12	2194847	CHR12:2194847	SSF x LoA	-8,327	-0,061	0,284
CHR12	2194908	CHR12:2194908	SSF x LoA	-4,683	0,053	0,287
CHR12	219757	CHR12:219757	SSF x LoA	-8,275	0,005	0,298

CHR12	2200501	CHR12:2200501	SSF x LoA	-10,103	0,008	0,286
CHR12	2254929	CHR12:2254929	SSF x LoA	14,935	0,119	0,280
CHR12	2274527	CHR12:2274527	SSF x LoA	-8,882	0,016	0,285
CHR12	2277197	CHR12:2277197	SSF x LoA	-9,410	0,035	0,280
CHR12	2277349	CHR12:2277349	SSF x LoA	-9,936	0,057	0,296
CHR12	2287519	CHR12:2287519	SSF x LoA	-9,833	0,062	0,292
CHR12	2287594	CHR12:2287594	SSF x LoA	-8,904	-0,021	0,280
CHR12	2290286	CHR12:2290286	SSF x LoA	-10,875	-0,066	0,272
CHR12	2290373	CHR12:2290373	SSF x LoA	-5,554	-0,076	0,286
CHR12	2290391	CHR12:2290391	SSF x LoA	-3,386	-0,177	0,269
CHR12	2290436	CHR12:2290436	SSF x LoA	-8,617	0,037	0,269
CHR12	229246	CHR12:229246	SSF x LoA	-11,032	-0,020	0,286
CHR12	229279	CHR12:229279	SSF x LoA	-7,280	-0,067	0,281
CHR12	2297403	CHR12:2297403	SSF x LoA	-6,837	0,013	0,303
CHR12	2297407	CHR12:2297407	SSF x LoA	-10,469	0,047	0,285
CHR12	2297446	CHR12:2297446	SSF x LoA	-8,650	-0,045	0,286
CHR12	2297592	CHR12:2297592	SSF x LoA	-9,403	-0,084	0,288
CHR12	2300895	CHR12:2300895	SSF x LoA	-8,190	0,140	0,278
CHR12	2301997	CHR12:2301997	SSF x LoA	-4,880	-0,108	0,287
CHR12	2318323	CHR12:2318323	SSF x LoA	-7,839	0,026	0,302
CHR12	2318477	CHR12:2318477	SSF x LoA	-9,419	-0,017	0,287
CHR12	2323867	CHR12:2323867	SSF x LoA	-9,397	-0,088	0,278
CHR12	2323897	CHR12:2323897	SSF x LoA	-8,031	-0,201	0,264
CHR12	2326885	CHR12:2326885	SSF x LoA	-7,709	0,076	0,294
CHR12	2327152	CHR12:2327152	SSF x LoA	-9,421	-0,003	0,279
CHR12	2327163	CHR12:2327163	SSF x LoA	-7,860	-0,068	0,283
CHR12	2332665	CHR12:2332665	SSF x LoA	7,280	0,124	0,286
CHR12	2334275	CHR12:2334275	SSF x LoA	-7,853	0,068	0,290
CHR12	2336742	CHR12:2336742	SSF x LoA	-8,361	-0,041	0,295
CHR12	2337069	CHR12:2337069	SSF x LoA	-5,996	0,076	0,258
CHR12	2341103	CHR12:2341103	SSF x LoA	-6,134	-0,128	0,285
CHR12	2343709	CHR12:2343709	SSF x LoA	-6,920	0,065	0,299
CHR12	2355919	CHR12:2355919	SSF x LoA	-7,143	-0,087	0,277
CHR12	2356003	CHR12:2356003	SSF x LoA	-6,416	-0,104	0,297
CHR12	2362149	CHR12:2362149	SSF x LoA	-10,901	0,095	0,284
CHR12	236913	CHR12:236913	SSF x LoA	-4,097	-0,240	0,262
CHR12	237055	CHR12:237055	SSF x LoA	-9,179	-0,113	0,278
CHR12	237078	CHR12:237078	SSF x LoA	-8,650	0,113	0,303
CHR12	2377135	CHR12:2377135	SSF x LoA	-6,965	0,103	0,306
CHR12	2377230	CHR12:2377230	SSF x LoA	-6,327	0,061	0,306
CHR12	2378575	CHR12:2378575	SSF x LoA	-4,782	-0,110	0,281
CHR12	2378586	CHR12:2378586	SSF x LoA	-5,225	0,116	0,279
CHR12	2378643	CHR12:2378643	SSF x LoA	-5,149	0,164	0,303
CHR12	2378692	CHR12:2378692	SSF x LoA	-7,102	0,147	0,287
CHR12	240384	CHR12:240384	SSF x LoA	-10,225	-0,038	0,282
CHR12	2410485	CHR12:2410485	SSF x LoA	-10,679	0,049	0,300
CHR12	2410524	CHR12:2410524	SSF x LoA	-11,218	0,034	0,295
CHR12	2417956	CHR12:2417956	SSF x LoA	-9,001	-0,038	0,275
CHR12	2418373	CHR12:2418373	SSF x LoA	-7,238	0,008	0,309
CHR12	2423673	CHR12:2423673	SSF x LoA	-8,610	-0,066	0,288
CHR12	2424007	CHR12:2424007	SSF x LoA	-7,839	-0,069	0,297
CHR12	2436949	CHR12:2436949	SSF x LoA	-7,267	0,114	0,280
CHR12	2436973	CHR12:2436973	SSF x LoA	-8,435	-0,091	0,280

CHR12	2437206	CHR12:2437206	SSF x LoA	-8,521	-0,074	0,295
CHR12	2458880	CHR12:2458880	SSF x LoA	-7,803	0,034	0,294
CHR12	2458902	CHR12:2458902	SSF x LoA	-10,269	0,037	0,295
CHR12	2485674	CHR12:2485674	SSF x LoA	-8,445	0,065	0,294
CHR12	2485693	CHR12:2485693	SSF x LoA	-9,323	0,080	0,291
CHR12	2485714	CHR12:2485714	SSF x LoA	-9,165	0,002	0,302
CHR12	2485743	CHR12:2485743	SSF x LoA	-8,981	0,070	0,299
CHR12	2485767	CHR12:2485767	SSF x LoA	-9,195	0,022	0,303
CHR12	2486965	CHR12:2486965	SSF x LoA	-8,429	-0,026	0,271
CHR12	2490137	CHR12:2490137	SSF x LoA	-9,039	0,092	0,286
CHR12	2492111	CHR12:2492111	SSF x LoA	-8,667	-0,002	0,293
CHR12	2526641	CHR12:2526641	SSF x LoA	-8,942	0,040	0,286
CHR12	2527004	CHR12:2527004	SSF x LoA	-6,063	0,125	0,301
CHR12	2536526	CHR12:2536526	SSF x LoA	-8,404	0,088	0,270
CHR12	2536551	CHR12:2536551	SSF x LoA	-10,124	-0,069	0,286
CHR12	2536572	CHR12:2536572	SSF x LoA	-6,282	-0,114	0,293
CHR12	2536615	CHR12:2536615	SSF x LoA	-8,919	-0,076	0,288
CHR12	2536645	CHR12:2536645	SSF x LoA	-6,389	-0,082	0,293
CHR12	2536647	CHR12:2536647	SSF x LoA	-7,275	0,124	0,268
CHR12	2536712	CHR12:2536712	SSF x LoA	-5,966	-0,159	0,276
CHR12	2536725	CHR12:2536725	SSF x LoA	-4,433	-0,180	0,286
CHR12	2536825	CHR12:2536825	SSF x LoA	-10,847	-0,058	0,290
CHR12	2556902	CHR12:2556902	SSF x LoA	-9,452	0,002	0,282
CHR12	2557437	CHR12:2557437	SSF x LoA	-5,703	0,094	0,294
CHR12	2585061	CHR12:2585061	SSF x LoA	-4,234	0,019	0,299
CHR12	2585165	CHR12:2585165	SSF x LoA	-4,538	0,015	0,292
CHR12	2585213	CHR12:2585213	SSF x LoA	-9,597	-0,015	0,299
CHR12	2585273	CHR12:2585273	SSF x LoA	-10,051	0,164	0,279
CHR12	2591712	CHR12:2591712	SSF x LoA	2,503	0,110	0,296
CHR12	2591985	CHR12:2591985	SSF x LoA	-8,053	-0,035	0,303
CHR12	2591996	CHR12:2591996	SSF x LoA	-7,842	-0,116	0,287
CHR12	2592032	CHR12:2592032	SSF x LoA	-8,686	0,052	0,295
CHR12	2607530	CHR12:2607530	SSF x LoA	-10,340	0,093	0,291
CHR12	2607534	CHR12:2607534	SSF x LoA	-9,892	-0,068	0,284
CHR12	2607675	CHR12:2607675	SSF x LoA	-6,072	0,017	0,303
CHR12	2607695	CHR12:2607695	SSF x LoA	-7,658	0,021	0,296
CHR12	2607735	CHR12:2607735	SSF x LoA	-8,746	0,094	0,297
CHR12	2609747	CHR12:2609747	SSF x LoA	-10,325	-0,029	0,288
CHR12	2609810	CHR12:2609810	SSF x LoA	-7,590	0,094	0,290
CHR12	2611374	CHR12:2611374	SSF x LoA	-10,996	-0,048	0,281
CHR12	2611453	CHR12:2611453	SSF x LoA	-5,557	-0,207	0,262
CHR12	2611483	CHR12:2611483	SSF x LoA	-3,675	-0,194	0,285
CHR12	2614749	CHR12:2614749	SSF x LoA	-8,377	0,012	0,293
CHR12	2614752	CHR12:2614752	SSF x LoA	-8,300	0,029	0,297
CHR12	2614874	CHR12:2614874	SSF x LoA	-9,356	0,041	0,278
CHR12	2614976	CHR12:2614976	SSF x LoA	-11,884	-0,001	0,272
CHR12	2621094	CHR12:2621094	SSF x LoA	-9,719	-0,103	0,298
CHR12	2624825	CHR12:2624825	SSF x LoA	-9,948	0,157	0,288
CHR12	2650252	CHR12:2650252	SSF x LoA	-7,963	0,130	0,299
CHR12	2686687	CHR12:2686687	SSF x LoA	-7,560	-0,066	0,279
CHR12	2686703	CHR12:2686703	SSF x LoA	-8,687	-0,101	0,300
CHR12	2697723	CHR12:2697723	SSF x LoA	-7,707	-0,136	0,283
CHR12	2697763	CHR12:2697763	SSF x LoA	-9,421	-0,127	0,282

CHR12	2702998	CHR12:2702998	SSF x LoA	-9,156	-0,113	0,279
CHR12	2726144	CHR12:2726144	SSF x LoA	-8,467	0,009	0,284
CHR12	2729291	CHR12:2729291	SSF x LoA	-6,822	0,210	0,272
CHR12	2729319	CHR12:2729319	SSF x LoA	-8,768	-0,015	0,295
CHR12	2736110	CHR12:2736110	SSF x LoA	3,750	0,073	0,287
CHR12	2762011	CHR12:2762011	SSF x LoA	-10,425	0,016	0,277
CHR12	2772844	CHR12:2772844	SSF x LoA	-10,180	-0,053	0,285
CHR12	2772914	CHR12:2772914	SSF x LoA	-9,246	-0,040	0,285
CHR12	2773127	CHR12:2773127	SSF x LoA	-10,364	-0,037	0,302
CHR12	2792993	CHR12:2792993	SSF x LoA	-7,583	-0,004	0,304
CHR12	2793482	CHR12:2793482	SSF x LoA	-10,137	-0,075	0,293
CHR12	2793491	CHR12:2793491	SSF x LoA	-9,083	-0,071	0,292
CHR12	2814051	CHR12:2814051	SSF x LoA	-9,105	0,074	0,285
CHR12	2814093	CHR12:2814093	SSF x LoA	-9,453	0,105	0,303
CHR12	2814184	CHR12:2814184	SSF x LoA	-10,518	-0,036	0,290
CHR12	2814445	CHR12:2814445	SSF x LoA	-3,046	0,060	0,283
CHR12	2814447	CHR12:2814447	SSF x LoA	-9,349	0,070	0,288
CHR12	2815458	CHR12:2815458	SSF x LoA	-6,804	-0,097	0,287
CHR12	2815472	CHR12:2815472	SSF x LoA	-7,593	-0,039	0,294
CHR12	2827757	CHR12:2827757	SSF x LoA	-9,941	0,031	0,294
CHR12	2827760	CHR12:2827760	SSF x LoA	-8,714	-0,054	0,280
CHR12	2827764	CHR12:2827764	SSF x LoA	-9,965	-0,027	0,278
CHR12	2827767	CHR12:2827767	SSF x LoA	-8,290	0,061	0,299
CHR12	2827779	CHR12:2827779	SSF x LoA	-9,742	0,070	0,266
CHR12	2827798	CHR12:2827798	SSF x LoA	-8,805	-0,038	0,282
CHR12	2831121	CHR12:2831121	SSF x LoA	-8,840	0,066	0,308
CHR12	2831129	CHR12:2831129	SSF x LoA	-9,290	0,054	0,292
CHR12	2839038	CHR12:2839038	SSF x LoA	-7,357	0,077	0,294
CHR12	2839090	CHR12:2839090	SSF x LoA	-8,760	-0,047	0,270
CHR12	2839096	CHR12:2839096	SSF x LoA	-10,298	-0,081	0,285
CHR12	2839109	CHR12:2839109	SSF x LoA	-9,217	-0,076	0,284
CHR12	2839144	CHR12:2839144	SSF x LoA	-9,812	0,044	0,280
CHR12	2840258	CHR12:2840258	SSF x LoA	-9,862	-0,086	0,294
CHR12	2840289	CHR12:2840289	SSF x LoA	-8,409	0,012	0,291
CHR12	2840302	CHR12:2840302	SSF x LoA	-9,742	-0,009	0,275
CHR12	2868157	CHR12:2868157	SSF x LoA	-9,928	0,010	0,290
CHR12	2868207	CHR12:2868207	SSF x LoA	-8,635	-0,119	0,288
CHR12	2891987	CHR12:2891987	SSF x LoA	-12,196	0,004	0,287
CHR12	2892071	CHR12:2892071	SSF x LoA	-1,925	0,006	0,294
CHR12	2913781	CHR12:2913781	SSF x LoA	-2,981	0,259	0,266
CHR12	2913811	CHR12:2913811	SSF x LoA	-10,179	0,106	0,289
CHR12	2923554	CHR12:2923554	SSF x LoA	-9,469	0,116	0,291
CHR12	2930074	CHR12:2930074	SSF x LoA	-9,086	-0,048	0,287
CHR12	2930099	CHR12:2930099	SSF x LoA	-7,011	0,147	0,285
CHR12	2931498	CHR12:2931498	SSF x LoA	-11,151	0,011	0,288
CHR12	2944445	CHR12:2944445	SSF x LoA	-9,740	-0,075	0,275
CHR12	2944500	CHR12:2944500	SSF x LoA	-9,713	0,027	0,283
CHR12	2944591	CHR12:2944591	SSF x LoA	-8,930	-0,074	0,292
CHR12	2944620	CHR12:2944620	SSF x LoA	-7,461	-0,148	0,275
CHR12	2944643	CHR12:2944643	SSF x LoA	-8,554	-0,078	0,279
CHR12	2965859	CHR12:2965859	SSF x LoA	-5,602	-0,164	0,274
CHR12	2965870	CHR12:2965870	SSF x LoA	-9,007	0,118	0,283
CHR12	2965877	CHR12:2965877	SSF x LoA	-6,732	-0,124	0,278

CHR12	2965884	CHR12:2965884	SSF x LoA	-4,579	0,135	0,272
CHR12	2965896	CHR12:2965896	SSF x LoA	-7,582	-0,154	0,288
CHR12	2965898	CHR12:2965898	SSF x LoA	-5,755	-0,151	0,277
CHR12	2965935	CHR12:2965935	SSF x LoA	-5,943	0,178	0,274
CHR12	2965954	CHR12:2965954	SSF x LoA	-9,517	-0,171	0,277
CHR12	2966705	CHR12:2966705	SSF x LoA	-3,429	-0,231	0,269
CHR12	2966728	CHR12:2966728	SSF x LoA	-9,201	-0,005	0,300
CHR12	2966785	CHR12:2966785	SSF x LoA	-7,458	-0,090	0,281
CHR12	2966891	CHR12:2966891	SSF x LoA	-8,032	0,014	0,290
CHR12	2978111	CHR12:2978111	SSF x LoA	-10,261	-0,006	0,279
CHR12	2993027	CHR12:2993027	SSF x LoA	-9,693	-0,051	0,293
CHR12	2993171	CHR12:2993171	SSF x LoA	-9,252	-0,143	0,280
CHR12	2996726	CHR12:2996726	SSF x LoA	-11,463	0,036	0,287
CHR12	2996744	CHR12:2996744	SSF x LoA	-3,944	-0,027	0,293
CHR12	2996873	CHR12:2996873	SSF x LoA	-5,853	-0,020	0,297
CHR12	2996945	CHR12:2996945	SSF x LoA	-8,623	-0,036	0,281
CHR12	3004198	CHR12:3004198	SSF x LoA	-10,662	-0,086	0,284
CHR12	3019437	CHR12:3019437	SSF x LoA	-10,390	0,041	0,273
CHR12	3019449	CHR12:3019449	SSF x LoA	-11,183	0,035	0,287
CHR12	3019465	CHR12:3019465	SSF x LoA	-11,092	0,024	0,267
CHR12	3019503	CHR12:3019503	SSF x LoA	-7,003	0,103	0,300
CHR12	3019513	CHR12:3019513	SSF x LoA	-7,698	-0,026	0,280
CHR12	3031306	CHR12:3031306	SSF x LoA	-8,393	0,048	0,293
CHR12	3031373	CHR12:3031373	SSF x LoA	-9,878	-0,075	0,274
CHR12	3031380	CHR12:3031380	SSF x LoA	-9,344	-0,055	0,283
CHR12	3031387	CHR12:3031387	SSF x LoA	-10,915	-0,015	0,286
CHR12	3031410	CHR12:3031410	SSF x LoA	-9,232	0,086	0,289
CHR12	3031514	CHR12:3031514	SSF x LoA	-9,250	0,040	0,294
CHR12	3040844	CHR12:3040844	SSF x LoA	-6,179	0,154	0,288
CHR12	3040845	CHR12:3040845	SSF x LoA	-6,808	0,103	0,280
CHR12	3040940	CHR12:3040940	SSF x LoA	-8,356	0,017	0,297
CHR12	3048796	CHR12:3048796	SSF x LoA	-9,070	-0,001	0,274
CHR12	3048806	CHR12:3048806	SSF x LoA	-6,520	-0,022	0,271
CHR12	3048822	CHR12:3048822	SSF x LoA	-9,288	-0,101	0,266
CHR12	3048879	CHR12:3048879	SSF x LoA	-9,997	-0,023	0,277
CHR12	3055822	CHR12:3055822	SSF x LoA	-9,620	-0,086	0,283
CHR12	3055825	CHR12:3055825	SSF x LoA	3,772	0,120	0,288
CHR12	3055829	CHR12:3055829	SSF x LoA	-10,737	0,018	0,296
CHR12	3055843	CHR12:3055843	SSF x LoA	-11,195	0,038	0,292
CHR12	3055907	CHR12:3055907	SSF x LoA	-11,030	-0,008	0,277
CHR12	3062576	CHR12:3062576	SSF x LoA	-9,087	-0,114	0,286
CHR12	3064360	CHR12:3064360	SSF x LoA	-6,414	0,145	0,293
CHR12	3064405	CHR12:3064405	SSF x LoA	-4,935	-0,183	0,285
CHR12	3064434	CHR12:3064434	SSF x LoA	-9,610	0,038	0,302
CHR12	3064449	CHR12:3064449	SSF x LoA	-9,254	0,012	0,291
CHR12	3064450	CHR12:3064450	SSF x LoA	-7,624	0,038	0,310
CHR12	3066982	CHR12:3066982	SSF x LoA	-10,979	-0,053	0,278
CHR12	3080299	CHR12:3080299	SSF x LoA	-10,931	0,067	0,293
CHR12	3080362	CHR12:3080362	SSF x LoA	-10,621	0,072	0,284
CHR12	3117989	CHR12:3117989	SSF x LoA	-9,729	-0,051	0,300
CHR12	3118099	CHR12:3118099	SSF x LoA	-6,838	-0,151	0,301
CHR12	3141274	CHR12:3141274	SSF x LoA	-10,342	0,019	0,283
CHR12	3141397	CHR12:3141397	SSF x LoA	-6,854	0,047	0,284

CHR12	3175064	CHR12:3175064	SSF x LoA	-9,054	-0,045	0,297
CHR12	3185127	CHR12:3185127	SSF x LoA	-8,466	-0,024	0,275
CHR12	3193698	CHR12:3193698	SSF x LoA	-10,053	-0,030	0,301
CHR12	3238939	CHR12:3238939	SSF x LoA	-3,193	-0,232	0,265
CHR12	3243081	CHR12:3243081	SSF x LoA	-9,554	0,082	0,286
CHR12	3250376	CHR12:3250376	SSF x LoA	-8,449	0,045	0,286
CHR12	3268896	CHR12:3268896	SSF x LoA	-8,329	-0,050	0,271
CHR12	3269150	CHR12:3269150	SSF x LoA	-11,928	0,019	0,282
CHR12	3299170	CHR12:3299170	SSF x LoA	-10,428	0,028	0,286
CHR12	3299171	CHR12:3299171	SSF x LoA	-8,794	-0,133	0,288
CHR12	3307177	CHR12:3307177	SSF x LoA	-8,402	0,091	0,292
CHR12	3307347	CHR12:3307347	SSF x LoA	-9,752	-0,072	0,292
CHR12	3315013	CHR12:3315013	SSF x LoA	0,150	-0,129	0,296
CHR12	3316117	CHR12:3316117	SSF x LoA	-9,776	-0,012	0,279
CHR12	3319929	CHR12:3319929	SSF x LoA	-9,818	0,083	0,296
CHR12	3327967	CHR12:3327967	SSF x LoA	-7,715	0,064	0,281
CHR12	3343424	CHR12:3343424	SSF x LoA	-8,113	-0,148	0,282
CHR12	3343564	CHR12:3343564	SSF x LoA	-7,724	0,076	0,285
CHR12	3343577	CHR12:3343577	SSF x LoA	-5,336	0,154	0,278
CHR12	3343631	CHR12:3343631	SSF x LoA	-10,939	-0,045	0,299
CHR12	3356296	CHR12:3356296	SSF x LoA	-7,670	-0,095	0,290
CHR12	3356330	CHR12:3356330	SSF x LoA	-8,100	-0,058	0,270
CHR12	3357883	CHR12:3357883	SSF x LoA	2,475	-0,088	0,285
CHR12	3357964	CHR12:3357964	SSF x LoA	-9,610	-0,040	0,290
CHR12	3360627	CHR12:3360627	SSF x LoA	-8,688	-0,012	0,296
CHR12	3360668	CHR12:3360668	SSF x LoA	-8,469	0,004	0,297
CHR12	3360673	CHR12:3360673	SSF x LoA	-4,299	0,128	0,282
CHR12	3361584	CHR12:3361584	SSF x LoA	-8,395	0,039	0,307
CHR12	3361615	CHR12:3361615	SSF x LoA	-9,161	0,021	0,294
CHR12	3361625	CHR12:3361625	SSF x LoA	-8,575	0,049	0,284
CHR12	3361640	CHR12:3361640	SSF x LoA	-8,773	0,034	0,298
CHR12	3388747	CHR12:3388747	SSF x LoA	-11,125	-0,010	0,286
CHR12	3388757	CHR12:3388757	SSF x LoA	-8,799	0,076	0,290
CHR12	3394287	CHR12:3394287	SSF x LoA	-10,536	-0,078	0,300
CHR12	3394301	CHR12:3394301	SSF x LoA	-8,785	-0,017	0,294
CHR12	3394362	CHR12:3394362	SSF x LoA	-10,266	0,046	0,291
CHR12	3394386	CHR12:3394386	SSF x LoA	-6,449	-0,004	0,297
CHR12	3394388	CHR12:3394388	SSF x LoA	-9,667	0,079	0,293
CHR12	3394440	CHR12:3394440	SSF x LoA	-9,421	-0,003	0,295
CHR12	3394451	CHR12:3394451	SSF x LoA	-8,105	0,088	0,286
CHR12	3394452	CHR12:3394452	SSF x LoA	-7,008	-0,132	0,295
CHR12	3403363	CHR12:3403363	SSF x LoA	-8,196	0,054	0,281
CHR12	3410866	CHR12:3410866	SSF x LoA	-8,021	-0,153	0,280
CHR12	3414158	CHR12:3414158	SSF x LoA	-9,683	0,081	0,292
CHR12	3414361	CHR12:3414361	SSF x LoA	-10,287	0,010	0,291
CHR12	3414384	CHR12:3414384	SSF x LoA	-11,464	-0,026	0,273
CHR12	3417537	CHR12:3417537	SSF x LoA	-8,153	0,060	0,281
CHR12	3417599	CHR12:3417599	SSF x LoA	-7,441	-0,036	0,279
CHR12	3417670	CHR12:3417670	SSF x LoA	-10,260	-0,084	0,286
CHR12	3427877	CHR12:3427877	SSF x LoA	-6,580	-0,009	0,300
CHR12	3427901	CHR12:3427901	SSF x LoA	-11,000	-0,012	0,297
CHR12	3427921	CHR12:3427921	SSF x LoA	-7,991	0,018	0,292
CHR12	3427928	CHR12:3427928	SSF x LoA	-9,044	-0,049	0,284

CHR12	3428027	CHR12:3428027	SSF x LoA	-9,229	0,026	0,286
CHR12	3428056	CHR12:3428056	SSF x LoA	-8,523	0,080	0,290
CHR12	3429999	CHR12:3429999	SSF x LoA	-8,299	-0,008	0,294
CHR12	3430007	CHR12:3430007	SSF x LoA	-10,430	0,078	0,279
CHR12	3430009	CHR12:3430009	SSF x LoA	-10,903	0,048	0,282
CHR12	3430102	CHR12:3430102	SSF x LoA	-10,123	-0,052	0,291
CHR12	3430113	CHR12:3430113	SSF x LoA	-8,228	-0,055	0,278
CHR12	3430114	CHR12:3430114	SSF x LoA	-8,199	-0,058	0,284
CHR12	3430118	CHR12:3430118	SSF x LoA	-8,644	0,098	0,265
CHR12	3437847	CHR12:3437847	SSF x LoA	-4,002	-0,194	0,281
CHR12	3437982	CHR12:3437982	SSF x LoA	-10,493	0,109	0,278
CHR12	3438264	CHR12:3438264	SSF x LoA	-6,246	0,199	0,289
CHR12	3446167	CHR12:3446167	SSF x LoA	-8,784	-0,020	0,294
CHR12	3446218	CHR12:3446218	SSF x LoA	-7,785	0,042	0,294
CHR12	3446238	CHR12:3446238	SSF x LoA	-7,461	0,026	0,295
CHR12	3474334	CHR12:3474334	SSF x LoA	-7,095	0,087	0,307
CHR12	3474599	CHR12:3474599	SSF x LoA	-10,677	0,011	0,298
CHR12	3474618	CHR12:3474618	SSF x LoA	-10,877	-0,040	0,293
CHR12	3488280	CHR12:3488280	SSF x LoA	-8,130	0,034	0,296
CHR12	3488284	CHR12:3488284	SSF x LoA	-8,949	0,006	0,288
CHR12	3488347	CHR12:3488347	SSF x LoA	-11,493	0,055	0,280
CHR12	3489701	CHR12:3489701	SSF x LoA	-9,436	0,049	0,311
CHR12	3493793	CHR12:3493793	SSF x LoA	-7,373	-0,036	0,282
CHR12	3493973	CHR12:3493973	SSF x LoA	-2,935	-0,086	0,272
CHR12	3494041	CHR12:3494041	SSF x LoA	-6,385	0,082	0,306
CHR12	350693	CHR12:350693	SSF x LoA	-8,992	-0,179	0,277
CHR12	3509709	CHR12:3509709	SSF x LoA	-7,715	0,091	0,300
CHR12	3509711	CHR12:3509711	SSF x LoA	-9,511	0,030	0,289
CHR12	3509779	CHR12:3509779	SSF x LoA	-7,407	0,071	0,293
CHR12	3515658	CHR12:3515658	SSF x LoA	-9,850	0,007	0,304
CHR12	3515755	CHR12:3515755	SSF x LoA	-9,764	-0,018	0,287
CHR12	3532335	CHR12:3532335	SSF x LoA	-9,067	-0,015	0,304
CHR12	3537142	CHR12:3537142	SSF x LoA	-8,795	0,096	0,290
CHR12	3537212	CHR12:3537212	SSF x LoA	-7,703	-0,037	0,291
CHR12	3537223	CHR12:3537223	SSF x LoA	-9,985	-0,073	0,278
CHR12	3576336	CHR12:3576336	SSF x LoA	-8,743	0,075	0,304
CHR12	3578943	CHR12:3578943	SSF x LoA	-1,911	0,039	0,296
CHR12	3578974	CHR12:3578974	SSF x LoA	-6,965	0,044	0,303
CHR12	3579023	CHR12:3579023	SSF x LoA	-7,084	0,077	0,298
CHR12	3579063	CHR12:3579063	SSF x LoA	-7,130	0,094	0,296
CHR12	3579107	CHR12:3579107	SSF x LoA	-9,497	-0,038	0,292
CHR12	3579113	CHR12:3579113	SSF x LoA	-11,155	0,004	0,297
CHR12	3579125	CHR12:3579125	SSF x LoA	-7,947	0,063	0,302
CHR12	3579152	CHR12:3579152	SSF x LoA	-7,086	0,135	0,275
CHR12	3582051	CHR12:3582051	SSF x LoA	-9,517	0,070	0,289
CHR12	3582052	CHR12:3582052	SSF x LoA	-8,754	0,057	0,282
CHR12	3590008	CHR12:3590008	SSF x LoA	-7,469	0,054	0,303
CHR12	3597103	CHR12:3597103	SSF x LoA	-7,409	-0,134	0,290
CHR12	360047	CHR12:360047	SSF x LoA	-8,810	-0,141	0,286
CHR12	3652761	CHR12:3652761	SSF x LoA	-3,938	-0,019	0,301
CHR12	3730654	CHR12:3730654	SSF x LoA	-8,838	0,121	0,292
CHR12	3730706	CHR12:3730706	SSF x LoA	-3,434	-0,125	0,288
CHR12	3734053	CHR12:3734053	SSF x LoA	-10,028	-0,039	0,292

CHR12	3734058	CHR12:3734058	SSF x LoA	-8,924	-0,007	0,270
CHR12	3734070	CHR12:3734070	SSF x LoA	-9,823	-0,054	0,287
CHR12	3734086	CHR12:3734086	SSF x LoA	-5,324	-0,215	0,281
CHR12	3734121	CHR12:3734121	SSF x LoA	-4,752	0,128	0,277
CHR12	3734146	CHR12:3734146	SSF x LoA	-9,857	0,020	0,289
CHR12	3734153	CHR12:3734153	SSF x LoA	-8,383	-0,007	0,292
CHR12	3737374	CHR12:3737374	SSF x LoA	-6,027	0,181	0,293
CHR12	3737465	CHR12:3737465	SSF x LoA	-3,344	-0,162	0,270
CHR12	3737574	CHR12:3737574	SSF x LoA	-8,566	-0,128	0,275
CHR12	3737632	CHR12:3737632	SSF x LoA	-7,460	0,037	0,289
CHR12	3737656	CHR12:3737656	SSF x LoA	-6,856	0,085	0,282
CHR12	3749799	CHR12:3749799	SSF x LoA	-11,177	0,040	0,300
CHR12	3751983	CHR12:3751983	SSF x LoA	-9,120	-0,069	0,277
CHR12	3762503	CHR12:3762503	SSF x LoA	-7,175	0,076	0,300
CHR12	3762650	CHR12:3762650	SSF x LoA	-5,079	0,210	0,287
CHR12	3762808	CHR12:3762808	SSF x LoA	-9,962	0,109	0,291
CHR12	3762823	CHR12:3762823	SSF x LoA	-8,963	0,096	0,305
CHR12	3802304	CHR12:3802304	SSF x LoA	-7,169	0,152	0,286
CHR12	3802393	CHR12:3802393	SSF x LoA	-9,844	-0,091	0,298
CHR12	3802395	CHR12:3802395	SSF x LoA	-8,647	0,043	0,292
CHR12	3802474	CHR12:3802474	SSF x LoA	-10,865	-0,086	0,270
CHR12	3802750	CHR12:3802750	SSF x LoA	-7,865	-0,065	0,287
CHR12	3802773	CHR12:3802773	SSF x LoA	-5,140	0,154	0,289
CHR12	3802774	CHR12:3802774	SSF x LoA	-6,354	0,109	0,281
CHR12	3814551	CHR12:3814551	SSF x LoA	-7,576	-0,098	0,288
CHR12	3814653	CHR12:3814653	SSF x LoA	-10,922	-0,034	0,292
CHR12	3814686	CHR12:3814686	SSF x LoA	-8,491	-0,082	0,296
CHR12	3826136	CHR12:3826136	SSF x LoA	-10,462	0,100	0,287
CHR12	3826366	CHR12:3826366	SSF x LoA	-5,376	0,068	0,289
CHR12	3849043	CHR12:3849043	SSF x LoA	-9,890	0,028	0,297
CHR12	3849133	CHR12:3849133	SSF x LoA	-10,463	0,040	0,286
CHR12	3861417	CHR12:3861417	SSF x LoA	-10,052	0,115	0,303
CHR12	3861466	CHR12:3861466	SSF x LoA	-5,889	-0,096	0,270
CHR12	3861557	CHR12:3861557	SSF x LoA	-8,953	-0,078	0,288
CHR12	3861702	CHR12:3861702	SSF x LoA	-8,519	0,161	0,284
CHR12	3861709	CHR12:3861709	SSF x LoA	-6,916	-0,150	0,289
CHR12	3879291	CHR12:3879291	SSF x LoA	-0,804	-0,199	0,262
CHR12	3917042	CHR12:3917042	SSF x LoA	-8,315	0,146	0,287
CHR12	3918435	CHR12:3918435	SSF x LoA	-6,235	0,073	0,285
CHR12	3919832	CHR12:3919832	SSF x LoA	-3,259	0,193	0,287
CHR12	3919838	CHR12:3919838	SSF x LoA	-8,175	0,163	0,280
CHR12	3919848	CHR12:3919848	SSF x LoA	-8,701	-0,186	0,267
CHR12	3920007	CHR12:3920007	SSF x LoA	-9,850	0,099	0,302
CHR12	3921829	CHR12:3921829	SSF x LoA	-8,563	-0,097	0,286
CHR12	3926792	CHR12:3926792	SSF x LoA	-10,213	0,013	0,312
CHR12	3926872	CHR12:3926872	SSF x LoA	-4,988	-0,114	0,300
CHR12	3926886	CHR12:3926886	SSF x LoA	-7,667	0,048	0,284
CHR12	3926924	CHR12:3926924	SSF x LoA	-8,352	0,061	0,293
CHR12	3926927	CHR12:3926927	SSF x LoA	-8,551	0,038	0,284
CHR12	3926993	CHR12:3926993	SSF x LoA	-9,155	0,070	0,284
CHR12	3927062	CHR12:3927062	SSF x LoA	-8,879	-0,052	0,290
CHR12	3927126	CHR12:3927126	SSF x LoA	-9,022	0,042	0,284
CHR12	3932370	CHR12:3932370	SSF x LoA	-11,128	-0,084	0,277

CHR12	3987508	CHR12:3987508	SSF x LoA	-7,728	-0,030	0,296
CHR12	3987551	CHR12:3987551	SSF x LoA	-10,066	-0,092	0,290
CHR12	3992954	CHR12:3992954	SSF x LoA	-9,454	0,089	0,288
CHR12	3993015	CHR12:3993015	SSF x LoA	-6,742	0,046	0,307
CHR12	3993096	CHR12:3993096	SSF x LoA	-9,943	-0,124	0,296
CHR12	4010968	CHR12:4010968	SSF x LoA	-9,665	-0,013	0,272
CHR12	4012713	CHR12:4012713	SSF x LoA	-0,516	-0,267	0,274
CHR12	4012801	CHR12:4012801	SSF x LoA	-7,579	-0,071	0,292
CHR12	4012815	CHR12:4012815	SSF x LoA	-8,683	-0,086	0,289
CHR12	4012842	CHR12:4012842	SSF x LoA	-7,704	-0,081	0,271
CHR12	4012918	CHR12:4012918	SSF x LoA	-9,510	0,086	0,270
CHR12	4012920	CHR12:4012920	SSF x LoA	-10,792	0,051	0,282
CHR12	4012953	CHR12:4012953	SSF x LoA	-9,408	-0,014	0,285
CHR12	4012959	CHR12:4012959	SSF x LoA	-10,851	-0,038	0,295
CHR12	4012968	CHR12:4012968	SSF x LoA	-7,951	-0,080	0,283
CHR12	4013045	CHR12:4013045	SSF x LoA	-8,456	-0,066	0,303
CHR12	4017056	CHR12:4017056	SSF x LoA	-8,736	-0,106	0,277
CHR12	4035635	CHR12:4035635	SSF x LoA	-8,509	-0,039	0,279
CHR12	4063975	CHR12:4063975	SSF x LoA	-11,273	-0,001	0,285
CHR12	4076555	CHR12:4076555	SSF x LoA	-8,725	-0,163	0,274
CHR12	4076642	CHR12:4076642	SSF x LoA	-8,831	-0,152	0,285
CHR12	4083574	CHR12:4083574	SSF x LoA	-9,539	0,048	0,300
CHR12	4130350	CHR12:4130350	SSF x LoA	-10,499	-0,026	0,296
CHR12	4130485	CHR12:4130485	SSF x LoA	-10,471	-0,023	0,279
CHR12	4132331	CHR12:4132331	SSF x LoA	-10,515	0,075	0,283
CHR12	4132450	CHR12:4132450	SSF x LoA	-9,508	0,009	0,281
CHR12	4143740	CHR12:4143740	SSF x LoA	-8,976	0,141	0,282
CHR12	4143897	CHR12:4143897	SSF x LoA	-8,199	-0,045	0,287
CHR12	4143951	CHR12:4143951	SSF x LoA	-5,962	0,013	0,295
CHR12	4190154	CHR12:4190154	SSF x LoA	-9,617	-0,153	0,270
CHR12	4190220	CHR12:4190220	SSF x LoA	-10,365	-0,064	0,288
CHR12	4190235	CHR12:4190235	SSF x LoA	-10,281	-0,065	0,290
CHR12	4190255	CHR12:4190255	SSF x LoA	-9,396	-0,016	0,274
CHR12	4191524	CHR12:4191524	SSF x LoA	-10,252	0,028	0,285
CHR12	4217005	CHR12:4217005	SSF x LoA	-8,032	-0,058	0,284
CHR12	4217042	CHR12:4217042	SSF x LoA	-6,211	-0,119	0,287
CHR12	4217055	CHR12:4217055	SSF x LoA	-6,692	0,023	0,294
CHR12	4217078	CHR12:4217078	SSF x LoA	-7,840	-0,040	0,275
CHR12	4217155	CHR12:4217155	SSF x LoA	-8,672	-0,075	0,285
CHR12	4237000	CHR12:4237000	SSF x LoA	-4,430	-0,211	0,271
CHR12	4237024	CHR12:4237024	SSF x LoA	-10,347	-0,080	0,292
CHR12	4249150	CHR12:4249150	SSF x LoA	-11,114	0,001	0,287
CHR12	4249264	CHR12:4249264	SSF x LoA	-10,558	-0,020	0,290
CHR12	4249267	CHR12:4249267	SSF x LoA	-8,111	0,025	0,310
CHR12	4249354	CHR12:4249354	SSF x LoA	-7,584	0,040	0,282
CHR12	4249444	CHR12:4249444	SSF x LoA	-8,168	0,008	0,301
CHR12	4253462	CHR12:4253462	SSF x LoA	-9,506	0,078	0,276
CHR12	4253711	CHR12:4253711	SSF x LoA	-10,578	0,000	0,290
CHR12	4273796	CHR12:4273796	SSF x LoA	-9,821	0,041	0,299
CHR12	4302715	CHR12:4302715	SSF x LoA	-10,390	0,045	0,296
CHR12	4321049	CHR12:4321049	SSF x LoA	-11,232	0,006	0,291
CHR12	4321092	CHR12:4321092	SSF x LoA	-9,638	-0,043	0,287
CHR12	4322449	CHR12:4322449	SSF x LoA	-5,623	0,079	0,299

CHR12	4322559	CHR12:4322559	SSF x LoA	-6,339	0,147	0,280
CHR12	4333069	CHR12:4333069	SSF x LoA	-10,655	0,071	0,290
CHR12	4333375	CHR12:4333375	SSF x LoA	-10,691	0,012	0,297
CHR12	4346265	CHR12:4346265	SSF x LoA	-8,379	0,068	0,292
CHR12	4346280	CHR12:4346280	SSF x LoA	-10,626	-0,022	0,287
CHR12	4346306	CHR12:4346306	SSF x LoA	-10,087	-0,056	0,292
CHR12	4346347	CHR12:4346347	SSF x LoA	-5,601	0,175	0,287
CHR12	4346379	CHR12:4346379	SSF x LoA	-10,386	0,025	0,286
CHR12	435200	CHR12:435200	SSF x LoA	-9,996	0,096	0,291
CHR12	435451	CHR12:435451	SSF x LoA	-7,661	0,109	0,299
CHR12	4363260	CHR12:4363260	SSF x LoA	-8,125	-0,034	0,294
CHR12	4379228	CHR12:4379228	SSF x LoA	-6,405	-0,092	0,283
CHR12	4380739	CHR12:4380739	SSF x LoA	-10,580	-0,035	0,291
CHR12	4413467	CHR12:4413467	SSF x LoA	-8,429	-0,044	0,294
CHR12	4413611	CHR12:4413611	SSF x LoA	-8,807	-0,074	0,292
CHR12	4426279	CHR12:4426279	SSF x LoA	-11,381	-0,053	0,286
CHR12	4426311	CHR12:4426311	SSF x LoA	-10,629	-0,069	0,300
CHR12	4426438	CHR12:4426438	SSF x LoA	-8,501	0,007	0,299
CHR12	4426461	CHR12:4426461	SSF x LoA	-10,459	0,023	0,291
CHR12	4429642	CHR12:4429642	SSF x LoA	-8,103	-0,188	0,297
CHR12	4438188	CHR12:4438188	SSF x LoA	-10,961	-0,090	0,283
CHR12	4438318	CHR12:4438318	SSF x LoA	-9,393	-0,050	0,298
CHR12	4452250	CHR12:4452250	SSF x LoA	-7,265	0,093	0,279
CHR12	4452329	CHR12:4452329	SSF x LoA	-6,391	0,046	0,286
CHR12	4452368	CHR12:4452368	SSF x LoA	-7,520	-0,058	0,271
CHR12	4452397	CHR12:4452397	SSF x LoA	-7,918	-0,001	0,289
CHR12	4475439	CHR12:4475439	SSF x LoA	-10,972	-0,012	0,285
CHR12	4475483	CHR12:4475483	SSF x LoA	-9,743	-0,021	0,294
CHR12	4475620	CHR12:4475620	SSF x LoA	-6,938	-0,109	0,274
CHR12	4475642	CHR12:4475642	SSF x LoA	-6,038	-0,138	0,286
CHR12	4484824	CHR12:4484824	SSF x LoA	-6,819	0,053	0,285
CHR12	4493575	CHR12:4493575	SSF x LoA	-10,721	0,043	0,293
CHR12	4493588	CHR12:4493588	SSF x LoA	-8,811	0,034	0,296
CHR12	4493592	CHR12:4493592	SSF x LoA	-10,073	0,039	0,285
CHR12	4493614	CHR12:4493614	SSF x LoA	-10,964	0,073	0,285
CHR12	4493658	CHR12:4493658	SSF x LoA	-6,877	0,015	0,301
CHR12	4507258	CHR12:4507258	SSF x LoA	-10,116	-0,011	0,290
CHR12	4507294	CHR12:4507294	SSF x LoA	-10,323	-0,050	0,284
CHR12	4507321	CHR12:4507321	SSF x LoA	-8,694	-0,058	0,290
CHR12	4507322	CHR12:4507322	SSF x LoA	-9,102	-0,028	0,292
CHR12	4507365	CHR12:4507365	SSF x LoA	-9,083	0,062	0,294
CHR12	4507478	CHR12:4507478	SSF x LoA	-11,583	0,010	0,286
CHR12	4523407	CHR12:4523407	SSF x LoA	-8,515	0,062	0,308
CHR12	4530520	CHR12:4530520	SSF x LoA	-9,019	0,074	0,299
CHR12	4530941	CHR12:4530941	SSF x LoA	-9,546	0,004	0,291
CHR12	4557608	CHR12:4557608	SSF x LoA	-8,763	-0,020	0,298
CHR12	4557958	CHR12:4557958	SSF x LoA	-8,797	0,079	0,295
CHR12	4563686	CHR12:4563686	SSF x LoA	-10,441	0,004	0,296
CHR12	4563761	CHR12:4563761	SSF x LoA	-8,988	0,003	0,294
CHR12	4568574	CHR12:4568574	SSF x LoA	4,302	-0,013	0,283
CHR12	4568638	CHR12:4568638	SSF x LoA	-9,753	0,099	0,292
CHR12	4577383	CHR12:4577383	SSF x LoA	-7,896	0,095	0,299
CHR12	4577404	CHR12:4577404	SSF x LoA	-7,340	0,104	0,300

CHR12	4577423	CHR12:4577423	SSF x LoA	-7,914	0,037	0,295
CHR12	4577541	CHR12:4577541	SSF x LoA	-5,685	-0,137	0,280
CHR12	4577594	CHR12:4577594	SSF x LoA	-6,016	-0,214	0,266
CHR12	4577625	CHR12:4577625	SSF x LoA	-3,678	-0,176	0,287
CHR12	4581746	CHR12:4581746	SSF x LoA	-6,767	0,090	0,286
CHR12	4581786	CHR12:4581786	SSF x LoA	-9,014	0,058	0,286
CHR12	4584858	CHR12:4584858	SSF x LoA	-10,232	0,038	0,294
CHR12	4584879	CHR12:4584879	SSF x LoA	-9,192	-0,068	0,283
CHR12	4584934	CHR12:4584934	SSF x LoA	-9,452	0,077	0,299
CHR12	4584937	CHR12:4584937	SSF x LoA	-9,341	0,017	0,290
CHR12	4584978	CHR12:4584978	SSF x LoA	-8,287	-0,082	0,278
CHR12	4584993	CHR12:4584993	SSF x LoA	-3,625	-0,169	0,289
CHR12	4584995	CHR12:4584995	SSF x LoA	1,792	-0,197	0,285
CHR12	4585140	CHR12:4585140	SSF x LoA	-11,387	0,048	0,278
CHR12	4585254	CHR12:4585254	SSF x LoA	-8,251	-0,057	0,286
CHR12	459306	CHR12:459306	SSF x LoA	-10,062	-0,092	0,289
CHR12	4600926	CHR12:4600926	SSF x LoA	-4,189	-0,051	0,290
CHR12	4637506	CHR12:4637506	SSF x LoA	-9,926	-0,110	0,280
CHR12	4639364	CHR12:4639364	SSF x LoA	-9,300	-0,015	0,282
CHR12	4639380	CHR12:4639380	SSF x LoA	-9,954	0,041	0,295
CHR12	4641741	CHR12:4641741	SSF x LoA	-7,448	-0,069	0,278
CHR12	4641781	CHR12:4641781	SSF x LoA	-8,978	-0,093	0,277
CHR12	4646765	CHR12:4646765	SSF x LoA	-6,874	-0,074	0,283
CHR12	4646838	CHR12:4646838	SSF x LoA	-9,245	-0,045	0,296
CHR12	4646850	CHR12:4646850	SSF x LoA	-10,656	0,027	0,297
CHR12	4659182	CHR12:4659182	SSF x LoA	-5,787	-0,150	0,287
CHR12	4659201	CHR12:4659201	SSF x LoA	-7,894	-0,043	0,298
CHR12	4659222	CHR12:4659222	SSF x LoA	-8,649	0,030	0,303
CHR12	4659226	CHR12:4659226	SSF x LoA	-7,057	-0,148	0,294
CHR12	4659406	CHR12:4659406	SSF x LoA	-10,497	0,110	0,287
CHR12	4660277	CHR12:4660277	SSF x LoA	-4,895	0,141	0,302
CHR12	4682821	CHR12:4682821	SSF x LoA	-10,081	0,006	0,280
CHR12	4682945	CHR12:4682945	SSF x LoA	-7,169	0,043	0,290
CHR12	4689154	CHR12:4689154	SSF x LoA	-9,744	0,040	0,290
CHR12	4689158	CHR12:4689158	SSF x LoA	-6,634	0,126	0,286
CHR12	4689221	CHR12:4689221	SSF x LoA	-4,696	0,148	0,281
CHR12	4689264	CHR12:4689264	SSF x LoA	-10,135	-0,014	0,275
CHR12	4714236	CHR12:4714236	SSF x LoA	-9,517	0,059	0,277
CHR12	4714327	CHR12:4714327	SSF x LoA	-8,666	0,000	0,277
CHR12	4714369	CHR12:4714369	SSF x LoA	-10,605	-0,041	0,281
CHR12	4714422	CHR12:4714422	SSF x LoA	-8,389	0,019	0,291
CHR12	4730419	CHR12:4730419	SSF x LoA	-9,864	-0,018	0,292
CHR12	4730457	CHR12:4730457	SSF x LoA	-8,138	0,094	0,302
CHR12	4730541	CHR12:4730541	SSF x LoA	-7,383	-0,126	0,286
CHR12	4730596	CHR12:4730596	SSF x LoA	-9,489	-0,048	0,284
CHR12	4730617	CHR12:4730617	SSF x LoA	-10,479	0,065	0,284
CHR12	4764463	CHR12:4764463	SSF x LoA	-10,518	0,010	0,293
CHR12	4764645	CHR12:4764645	SSF x LoA	-11,301	0,011	0,293
CHR12	4773712	CHR12:4773712	SSF x LoA	-11,272	-0,023	0,288
CHR12	4773828	CHR12:4773828	SSF x LoA	-7,188	0,055	0,297
CHR12	4773845	CHR12:4773845	SSF x LoA	-9,177	0,079	0,282
CHR12	478232	CHR12:478232	SSF x LoA	-6,788	-0,139	0,286
CHR12	478312	CHR12:478312	SSF x LoA	-5,964	0,080	0,291

CHR12	4797552	CHR12:4797552	SSF x LoA	-7,702	-0,055	0,282
CHR12	4797648	CHR12:4797648	SSF x LoA	-8,354	-0,118	0,271
CHR12	4797656	CHR12:4797656	SSF x LoA	-7,582	-0,103	0,278
CHR12	4797730	CHR12:4797730	SSF x LoA	-8,107	0,058	0,286
CHR12	4800233	CHR12:4800233	SSF x LoA	-10,504	0,039	0,283
CHR12	4800270	CHR12:4800270	SSF x LoA	-7,418	0,037	0,300
CHR12	4800289	CHR12:4800289	SSF x LoA	-8,109	-0,013	0,291
CHR12	4800339	CHR12:4800339	SSF x LoA	-9,524	0,039	0,296
CHR12	4800654	CHR12:4800654	SSF x LoA	-8,140	-0,130	0,280
CHR12	4809421	CHR12:4809421	SSF x LoA	-9,858	-0,010	0,292
CHR12	4809672	CHR12:4809672	SSF x LoA	-10,242	0,094	0,284
CHR12	4809673	CHR12:4809673	SSF x LoA	-7,990	0,032	0,300
CHR12	4814080	CHR12:4814080	SSF x LoA	-10,115	-0,032	0,273
CHR12	4814108	CHR12:4814108	SSF x LoA	-7,256	0,028	0,284
CHR12	4814186	CHR12:4814186	SSF x LoA	-7,631	-0,035	0,286
CHR12	4819473	CHR12:4819473	SSF x LoA	-8,030	0,104	0,294
CHR12	4822032	CHR12:4822032	SSF x LoA	-6,653	0,171	0,278
CHR12	4822041	CHR12:4822041	SSF x LoA	-3,476	0,214	0,273
CHR12	4822061	CHR12:4822061	SSF x LoA	-7,590	0,102	0,284
CHR12	4822184	CHR12:4822184	SSF x LoA	-5,454	0,048	0,301
CHR12	4822193	CHR12:4822193	SSF x LoA	-7,946	0,069	0,288
CHR12	4822204	CHR12:4822204	SSF x LoA	-6,635	-0,213	0,263
CHR12	4825515	CHR12:4825515	SSF x LoA	-9,496	-0,017	0,308
CHR12	4838060	CHR12:4838060	SSF x LoA	-8,255	0,046	0,294
CHR12	4838071	CHR12:4838071	SSF x LoA	-10,032	-0,063	0,283
CHR12	4838135	CHR12:4838135	SSF x LoA	-7,296	-0,161	0,280
CHR12	4838145	CHR12:4838145	SSF x LoA	-10,594	0,107	0,296
CHR12	4838180	CHR12:4838180	SSF x LoA	-8,777	-0,110	0,274
CHR12	4838936	CHR12:4838936	SSF x LoA	-6,220	-0,029	0,297
CHR12	4839148	CHR12:4839148	SSF x LoA	-11,104	0,016	0,294
CHR12	4851838	CHR12:4851838	SSF x LoA	-10,257	-0,026	0,303
CHR12	4863478	CHR12:4863478	SSF x LoA	-8,113	0,051	0,298
CHR12	4863654	CHR12:4863654	SSF x LoA	-9,573	0,017	0,285
CHR12	4863683	CHR12:4863683	SSF x LoA	-10,307	-0,038	0,296
CHR12	4863756	CHR12:4863756	SSF x LoA	-11,376	-0,012	0,289
CHR12	4863825	CHR12:4863825	SSF x LoA	-7,712	-0,106	0,278
CHR12	4863888	CHR12:4863888	SSF x LoA	-8,459	0,069	0,296
CHR12	4863909	CHR12:4863909	SSF x LoA	-5,047	-0,093	0,287
CHR12	4893279	CHR12:4893279	SSF x LoA	-9,810	0,026	0,294
CHR12	4912991	CHR12:4912991	SSF x LoA	-8,833	-0,072	0,288
CHR12	4912998	CHR12:4912998	SSF x LoA	-8,741	-0,087	0,287
CHR12	4913192	CHR12:4913192	SSF x LoA	-7,377	0,076	0,284
CHR12	4925322	CHR12:4925322	SSF x LoA	-6,605	-0,087	0,267
CHR12	4925333	CHR12:4925333	SSF x LoA	-4,033	-0,126	0,274
CHR12	4925400	CHR12:4925400	SSF x LoA	-9,001	0,013	0,286
CHR12	4925530	CHR12:4925530	SSF x LoA	-6,651	-0,076	0,288
CHR12	4932412	CHR12:4932412	SSF x LoA	-8,595	0,021	0,298
CHR12	4932447	CHR12:4932447	SSF x LoA	-8,530	-0,048	0,277
CHR12	4932655	CHR12:4932655	SSF x LoA	-10,743	0,059	0,297
CHR12	4932752	CHR12:4932752	SSF x LoA	-9,285	-0,005	0,290
CHR12	4933431	CHR12:4933431	SSF x LoA	-8,804	0,038	0,287
CHR12	4938491	CHR12:4938491	SSF x LoA	-10,283	0,034	0,294
CHR12	4938770	CHR12:4938770	SSF x LoA	-8,005	0,076	0,294

CHR12	4938782	CHR12:4938782	SSF x LoA	-8,066	0,030	0,290
CHR12	4940942	CHR12:4940942	SSF x LoA	-0,902	-0,088	0,285
CHR12	4941017	CHR12:4941017	SSF x LoA	-7,667	-0,096	0,290
CHR12	4941043	CHR12:4941043	SSF x LoA	-11,326	0,037	0,287
CHR12	4941073	CHR12:4941073	SSF x LoA	-10,300	0,065	0,302
CHR12	4941102	CHR12:4941102	SSF x LoA	-7,809	0,085	0,287
CHR12	4941125	CHR12:4941125	SSF x LoA	-8,485	-0,108	0,294
CHR12	4941139	CHR12:4941139	SSF x LoA	-10,328	-0,050	0,287
CHR12	4941162	CHR12:4941162	SSF x LoA	-8,974	0,038	0,302
CHR12	4941255	CHR12:4941255	SSF x LoA	-7,853	0,094	0,284
CHR12	495393	CHR12:495393	SSF x LoA	-8,843	-0,004	0,287
CHR12	4969181	CHR12:4969181	SSF x LoA	-10,555	0,022	0,277
CHR12	4969188	CHR12:4969188	SSF x LoA	-6,054	-0,098	0,282
CHR12	4973454	CHR12:4973454	SSF x LoA	-7,488	-0,182	0,286
CHR12	4973469	CHR12:4973469	SSF x LoA	-7,553	0,034	0,288
CHR12	4977473	CHR12:4977473	SSF x LoA	-10,931	-0,025	0,275
CHR12	4989634	CHR12:4989634	SSF x LoA	-7,988	0,026	0,305
CHR12	4989659	CHR12:4989659	SSF x LoA	-9,833	0,060	0,291
CHR12	4989679	CHR12:4989679	SSF x LoA	-9,015	0,004	0,292
CHR12	4995135	CHR12:4995135	SSF x LoA	-10,770	-0,047	0,281
CHR12	4997513	CHR12:4997513	SSF x LoA	-6,787	-0,240	0,278
CHR12	4997576	CHR12:4997576	SSF x LoA	-8,408	0,028	0,281
CHR12	4997713	CHR12:4997713	SSF x LoA	-8,474	0,000	0,302
CHR12	504233	CHR12:504233	SSF x LoA	-9,021	-0,003	0,278
CHR12	5055429	CHR12:5055429	SSF x LoA	-8,725	0,086	0,288
CHR12	5055491	CHR12:5055491	SSF x LoA	-8,777	0,000	0,300
CHR12	5055684	CHR12:5055684	SSF x LoA	-10,779	0,000	0,277
CHR12	5055737	CHR12:5055737	SSF x LoA	-7,729	0,092	0,300
CHR12	5055764	CHR12:5055764	SSF x LoA	4,474	0,099	0,288
CHR12	5065351	CHR12:5065351	SSF x LoA	-8,318	-0,079	0,279
CHR12	5065374	CHR12:5065374	SSF x LoA	-10,160	-0,029	0,285
CHR12	5065392	CHR12:5065392	SSF x LoA	-9,967	-0,003	0,279
CHR12	5065397	CHR12:5065397	SSF x LoA	-9,974	-0,042	0,285
CHR12	5065511	CHR12:5065511	SSF x LoA	-10,874	0,001	0,295
CHR12	5081823	CHR12:5081823	SSF x LoA	-9,731	-0,025	0,294
CHR12	5081863	CHR12:5081863	SSF x LoA	-3,626	0,137	0,284
CHR12	5081880	CHR12:5081880	SSF x LoA	-8,717	0,071	0,304
CHR12	5081933	CHR12:5081933	SSF x LoA	1,164	-0,074	0,291
CHR12	5085027	CHR12:5085027	SSF x LoA	-10,921	0,000	0,282
CHR12	5100764	CHR12:5100764	SSF x LoA	-6,079	0,174	0,285
CHR12	5100894	CHR12:5100894	SSF x LoA	-7,978	-0,039	0,290
CHR12	5100899	CHR12:5100899	SSF x LoA	-10,881	0,017	0,288
CHR12	5108917	CHR12:5108917	SSF x LoA	-10,638	0,053	0,286
CHR12	5109242	CHR12:5109242	SSF x LoA	-6,525	0,148	0,284
CHR12	5149790	CHR12:5149790	SSF x LoA	-6,449	-0,040	0,285
CHR12	5149817	CHR12:5149817	SSF x LoA	-10,152	0,105	0,281
CHR12	5149915	CHR12:5149915	SSF x LoA	-8,364	0,094	0,284
CHR12	5150032	CHR12:5150032	SSF x LoA	-5,629	0,166	0,303
CHR12	5150061	CHR12:5150061	SSF x LoA	-8,639	-0,049	0,288
CHR12	5150062	CHR12:5150062	SSF x LoA	-7,803	0,001	0,291
CHR12	5150075	CHR12:5150075	SSF x LoA	-5,887	0,187	0,280
CHR12	5150099	CHR12:5150099	SSF x LoA	-7,411	-0,062	0,305
CHR12	5156534	CHR12:5156534	SSF x LoA	-5,908	0,037	0,302

CHR12	5156593	CHR12:5156593	SSF x LoA	-7,901	0,032	0,277
CHR12	5156796	CHR12:5156796	SSF x LoA	-9,245	0,125	0,292
CHR12	5175280	CHR12:5175280	SSF x LoA	-8,616	0,046	0,280
CHR12	5175532	CHR12:5175532	SSF x LoA	-7,686	0,099	0,281
CHR12	5181638	CHR12:5181638	SSF x LoA	-5,693	0,136	0,285
CHR12	5217315	CHR12:5217315	SSF x LoA	-8,631	0,056	0,293
CHR12	5217406	CHR12:5217406	SSF x LoA	-10,271	0,017	0,300
CHR12	5217882	CHR12:5217882	SSF x LoA	-8,282	-0,037	0,299
CHR12	5217898	CHR12:5217898	SSF x LoA	-7,714	0,021	0,295
CHR12	5223255	CHR12:5223255	SSF x LoA	-10,022	0,058	0,274
CHR12	5223546	CHR12:5223546	SSF x LoA	-7,621	-0,071	0,278
CHR12	5223678	CHR12:5223678	SSF x LoA	-8,741	0,025	0,301
CHR12	5235820	CHR12:5235820	SSF x LoA	-7,483	-0,085	0,287
CHR12	5237756	CHR12:5237756	SSF x LoA	-9,632	0,068	0,285
CHR12	5237830	CHR12:5237830	SSF x LoA	-10,755	-0,115	0,278
CHR12	5237832	CHR12:5237832	SSF x LoA	-11,587	-0,049	0,294
CHR12	5264664	CHR12:5264664	SSF x LoA	-8,935	0,013	0,286
CHR12	5276671	CHR12:5276671	SSF x LoA	-8,985	0,108	0,295
CHR12	5278289	CHR12:5278289	SSF x LoA	-7,743	0,099	0,286
CHR12	5278305	CHR12:5278305	SSF x LoA	-6,295	0,098	0,283
CHR12	5278402	CHR12:5278402	SSF x LoA	-8,461	0,008	0,296
CHR12	5286320	CHR12:5286320	SSF x LoA	-8,327	0,108	0,287
CHR12	5292731	CHR12:5292731	SSF x LoA	-8,530	0,147	0,282
CHR12	5292832	CHR12:5292832	SSF x LoA	-6,633	0,082	0,300
CHR12	5292894	CHR12:5292894	SSF x LoA	-0,160	0,141	0,285
CHR12	5292929	CHR12:5292929	SSF x LoA	-5,495	0,133	0,284
CHR12	5292935	CHR12:5292935	SSF x LoA	-8,750	0,009	0,301
CHR12	529336	CHR12:529336	SSF x LoA	-8,042	-0,110	0,277
CHR12	5293844	CHR12:5293844	SSF x LoA	-8,648	0,042	0,301
CHR12	5293864	CHR12:5293864	SSF x LoA	-11,783	-0,065	0,283
CHR12	5308392	CHR12:5308392	SSF x LoA	-2,213	0,037	0,300
CHR12	5308665	CHR12:5308665	SSF x LoA	-9,196	0,118	0,285
CHR12	5309981	CHR12:5309981	SSF x LoA	-6,720	0,066	0,286
CHR12	5314136	CHR12:5314136	SSF x LoA	-10,599	-0,032	0,290
CHR12	5315206	CHR12:5315206	SSF x LoA	-8,460	0,062	0,285
CHR12	5315207	CHR12:5315207	SSF x LoA	-8,053	0,056	0,279
CHR12	533276	CHR12:533276	SSF x LoA	-9,799	-0,086	0,281
CHR12	5336530	CHR12:5336530	SSF x LoA	-9,575	0,004	0,282
CHR12	5336531	CHR12:5336531	SSF x LoA	-9,335	-0,002	0,290
CHR12	5336565	CHR12:5336565	SSF x LoA	-7,587	0,098	0,284
CHR12	5337276	CHR12:5337276	SSF x LoA	-7,422	0,132	0,285
CHR12	5337478	CHR12:5337478	SSF x LoA	-5,908	0,008	0,287
CHR12	5337583	CHR12:5337583	SSF x LoA	-8,876	-0,058	0,283
CHR12	5337584	CHR12:5337584	SSF x LoA	-7,980	-0,047	0,291
CHR12	5337601	CHR12:5337601	SSF x LoA	-9,237	-0,049	0,292
CHR12	5341225	CHR12:5341225	SSF x LoA	-7,628	0,138	0,289
CHR12	5353271	CHR12:5353271	SSF x LoA	-6,353	0,097	0,297
CHR12	5353287	CHR12:5353287	SSF x LoA	-7,574	0,067	0,298
CHR12	5353297	CHR12:5353297	SSF x LoA	-8,174	-0,037	0,277
CHR12	5353337	CHR12:5353337	SSF x LoA	-7,419	-0,131	0,288
CHR12	5357819	CHR12:5357819	SSF x LoA	-8,163	0,064	0,286
CHR12	5357871	CHR12:5357871	SSF x LoA	-8,667	-0,024	0,282
CHR12	5360347	CHR12:5360347	SSF x LoA	-7,049	0,063	0,299

CHR12	5365454	CHR12:5365454	SSF x LoA	-9,155	0,061	0,278
CHR12	5366622	CHR12:5366622	SSF x LoA	-6,637	-0,074	0,297
CHR12	537500	CHR12:537500	SSF x LoA	-10,146	-0,040	0,296
CHR12	5375425	CHR12:5375425	SSF x LoA	-7,639	0,115	0,286
CHR12	5375503	CHR12:5375503	SSF x LoA	-6,250	-0,069	0,282
CHR12	5378504	CHR12:5378504	SSF x LoA	-8,775	-0,086	0,280
CHR12	5378791	CHR12:5378791	SSF x LoA	-11,690	-0,003	0,286
CHR12	5384085	CHR12:5384085	SSF x LoA	-8,132	0,041	0,285
CHR12	5389504	CHR12:5389504	SSF x LoA	-6,486	-0,161	0,287
CHR12	5389556	CHR12:5389556	SSF x LoA	-8,540	0,108	0,286
CHR12	5389638	CHR12:5389638	SSF x LoA	-8,758	0,155	0,294
CHR12	5389993	CHR12:5389993	SSF x LoA	-9,641	-0,073	0,278
CHR12	5390087	CHR12:5390087	SSF x LoA	-7,929	0,136	0,284
CHR12	5390694	CHR12:5390694	SSF x LoA	-9,568	-0,042	0,296
CHR12	5390711	CHR12:5390711	SSF x LoA	-7,018	0,056	0,288
CHR12	5392898	CHR12:5392898	SSF x LoA	-5,250	0,053	0,301
CHR12	5393011	CHR12:5393011	SSF x LoA	-5,072	0,047	0,312
CHR12	5395691	CHR12:5395691	SSF x LoA	-8,555	-0,084	0,288
CHR12	5395720	CHR12:5395720	SSF x LoA	-9,537	-0,062	0,290
CHR12	5395774	CHR12:5395774	SSF x LoA	-10,167	-0,014	0,294
CHR12	5399094	CHR12:5399094	SSF x LoA	-7,963	-0,081	0,280
CHR12	5399105	CHR12:5399105	SSF x LoA	-7,819	-0,114	0,282
CHR12	5399363	CHR12:5399363	SSF x LoA	-8,830	0,168	0,284
CHR12	5399372	CHR12:5399372	SSF x LoA	-10,377	0,011	0,295
CHR12	5403161	CHR12:5403161	SSF x LoA	-8,974	-0,137	0,283
CHR12	5403166	CHR12:5403166	SSF x LoA	-10,796	0,039	0,290
CHR12	5403170	CHR12:5403170	SSF x LoA	-10,190	-0,081	0,291
CHR12	5403181	CHR12:5403181	SSF x LoA	-9,070	0,153	0,278
CHR12	5403187	CHR12:5403187	SSF x LoA	-9,130	-0,137	0,276
CHR12	5403197	CHR12:5403197	SSF x LoA	-5,222	-0,008	0,292
CHR12	5403202	CHR12:5403202	SSF x LoA	-9,431	0,023	0,291
CHR12	5403216	CHR12:5403216	SSF x LoA	-8,940	-0,056	0,297
CHR12	5403315	CHR12:5403315	SSF x LoA	-5,745	-0,149	0,289
CHR12	5403350	CHR12:5403350	SSF x LoA	-11,115	-0,003	0,293
CHR12	5420538	CHR12:5420538	SSF x LoA	-9,033	0,003	0,283
CHR12	5442619	CHR12:5442619	SSF x LoA	-9,584	-0,043	0,296
CHR12	5457699	CHR12:5457699	SSF x LoA	-4,143	0,107	0,272
CHR12	5457712	CHR12:5457712	SSF x LoA	-9,392	0,145	0,294
CHR12	5457730	CHR12:5457730	SSF x LoA	-3,915	-0,079	0,280
CHR12	5457750	CHR12:5457750	SSF x LoA	-8,541	-0,013	0,285
CHR12	5457823	CHR12:5457823	SSF x LoA	-10,499	-0,140	0,284
CHR12	5472101	CHR12:5472101	SSF x LoA	-10,806	0,080	0,265
CHR12	5472111	CHR12:5472111	SSF x LoA	-9,559	0,064	0,283
CHR12	5472115	CHR12:5472115	SSF x LoA	-10,898	0,063	0,273
CHR12	5472211	CHR12:5472211	SSF x LoA	-8,926	-0,067	0,278
CHR12	5479074	CHR12:5479074	SSF x LoA	-10,453	-0,032	0,297
CHR12	5479323	CHR12:5479323	SSF x LoA	-9,293	-0,065	0,275
CHR12	5479429	CHR12:5479429	SSF x LoA	-8,258	0,177	0,266
CHR12	5487716	CHR12:5487716	SSF x LoA	-10,001	0,015	0,289
CHR12	5487735	CHR12:5487735	SSF x LoA	-10,978	-0,064	0,293
CHR12	5487736	CHR12:5487736	SSF x LoA	-10,166	0,005	0,289
CHR12	5487873	CHR12:5487873	SSF x LoA	-8,557	-0,091	0,295
CHR12	5498742	CHR12:5498742	SSF x LoA	-6,403	0,090	0,303

CHR12	5500972	CHR12:5500972	SSF x LoA	-5,304	-0,120	0,286
CHR12	5503318	CHR12:5503318	SSF x LoA	-7,767	0,049	0,291
CHR12	5506686	CHR12:5506686	SSF x LoA	-10,720	0,039	0,295
CHR12	550687	CHR12:550687	SSF x LoA	-7,825	0,150	0,257
CHR12	5509706	CHR12:5509706	SSF x LoA	-1,767	-0,023	0,294
CHR12	5509970	CHR12:5509970	SSF x LoA	-10,110	-0,047	0,275
CHR12	5516151	CHR12:5516151	SSF x LoA	-6,390	0,050	0,282
CHR12	5516195	CHR12:5516195	SSF x LoA	-7,516	-0,064	0,301
CHR12	5516208	CHR12:5516208	SSF x LoA	-8,575	0,055	0,299
CHR12	5521941	CHR12:5521941	SSF x LoA	-5,972	0,034	0,292
CHR12	5522030	CHR12:5522030	SSF x LoA	-8,700	0,013	0,286
CHR12	5522036	CHR12:5522036	SSF x LoA	-11,360	0,012	0,286
CHR12	5522208	CHR12:5522208	SSF x LoA	-9,401	-0,120	0,284
CHR12	5529494	CHR12:5529494	SSF x LoA	-9,856	-0,070	0,287
CHR12	5533086	CHR12:5533086	SSF x LoA	-9,097	-0,109	0,283
CHR12	5533119	CHR12:5533119	SSF x LoA	-8,393	0,211	0,294
CHR12	5533158	CHR12:5533158	SSF x LoA	-4,088	-0,083	0,277
CHR12	5536248	CHR12:5536248	SSF x LoA	-9,288	-0,029	0,293
CHR12	5536296	CHR12:5536296	SSF x LoA	-7,041	-0,039	0,298
CHR12	5536333	CHR12:5536333	SSF x LoA	-7,502	-0,094	0,292
CHR12	5537857	CHR12:5537857	SSF x LoA	-11,599	-0,023	0,293
CHR12	5551324	CHR12:5551324	SSF x LoA	-4,405	0,079	0,293
CHR12	5551406	CHR12:5551406	SSF x LoA	-10,260	-0,061	0,294
CHR12	5551428	CHR12:5551428	SSF x LoA	-9,290	0,035	0,279
CHR12	5551460	CHR12:5551460	SSF x LoA	-10,928	-0,038	0,297
CHR12	5551510	CHR12:5551510	SSF x LoA	-8,356	0,005	0,278
CHR12	5551514	CHR12:5551514	SSF x LoA	-8,471	-0,081	0,282
CHR12	5564818	CHR12:5564818	SSF x LoA	-6,609	0,124	0,283
CHR12	5564885	CHR12:5564885	SSF x LoA	-7,424	0,195	0,281
CHR12	5564887	CHR12:5564887	SSF x LoA	-8,566	0,165	0,292
CHR12	5565077	CHR12:5565077	SSF x LoA	-11,366	0,040	0,274
CHR12	5565146	CHR12:5565146	SSF x LoA	1,188	0,051	0,293
CHR12	5569544	CHR12:5569544	SSF x LoA	-7,963	-0,064	0,300
CHR12	5569634	CHR12:5569634	SSF x LoA	-10,614	-0,016	0,288
CHR12	5570612	CHR12:5570612	SSF x LoA	-9,237	-0,026	0,300
CHR12	5570614	CHR12:5570614	SSF x LoA	-7,923	-0,077	0,294
CHR12	5570695	CHR12:5570695	SSF x LoA	-9,833	0,013	0,289
CHR12	5587918	CHR12:5587918	SSF x LoA	-9,368	0,014	0,291
CHR12	5587933	CHR12:5587933	SSF x LoA	-11,135	0,005	0,289
CHR12	5587940	CHR12:5587940	SSF x LoA	-9,932	-0,021	0,288
CHR12	5596161	CHR12:5596161	SSF x LoA	-1,711	-0,161	0,282
CHR12	5596163	CHR12:5596163	SSF x LoA	-6,552	0,105	0,265
CHR12	5596319	CHR12:5596319	SSF x LoA	-5,896	-0,186	0,302
CHR12	5596409	CHR12:5596409	SSF x LoA	-6,206	-0,011	0,290
CHR12	5596517	CHR12:5596517	SSF x LoA	-7,198	-0,025	0,277
CHR12	5602476	CHR12:5602476	SSF x LoA	-10,715	0,026	0,288
CHR12	5602506	CHR12:5602506	SSF x LoA	-9,655	-0,065	0,294
CHR12	5615062	CHR12:5615062	SSF x LoA	-10,669	0,065	0,295
CHR12	5615067	CHR12:5615067	SSF x LoA	-11,150	-0,071	0,275
CHR12	5615186	CHR12:5615186	SSF x LoA	-9,449	0,115	0,299
CHR12	5624402	CHR12:5624402	SSF x LoA	-9,751	0,123	0,290
CHR12	5624669	CHR12:5624669	SSF x LoA	-10,156	0,045	0,295
CHR12	5629066	CHR12:5629066	SSF x LoA	-4,611	0,151	0,281

CHR12	562944	CHR12:562944	SSF x LoA	-10,556	-0,120	0,281
CHR12	5642168	CHR12:5642168	SSF x LoA	-6,854	-0,125	0,285
CHR12	5659438	CHR12:5659438	SSF x LoA	-9,218	0,051	0,287
CHR12	5659642	CHR12:5659642	SSF x LoA	-5,677	0,118	0,305
CHR12	5659728	CHR12:5659728	SSF x LoA	-11,130	0,014	0,287
CHR12	5659740	CHR12:5659740	SSF x LoA	-9,000	-0,098	0,291
CHR12	5660986	CHR12:5660986	SSF x LoA	1,027	-0,150	0,294
CHR12	5666578	CHR12:5666578	SSF x LoA	-10,379	-0,056	0,291
CHR12	5666606	CHR12:5666606	SSF x LoA	-10,064	0,130	0,278
CHR12	5666653	CHR12:5666653	SSF x LoA	-1,349	0,283	0,265
CHR12	5666697	CHR12:5666697	SSF x LoA	-5,638	0,146	0,279
CHR12	5666700	CHR12:5666700	SSF x LoA	-0,121	-0,147	0,281
CHR12	5666714	CHR12:5666714	SSF x LoA	-11,292	0,013	0,299
CHR12	5666749	CHR12:5666749	SSF x LoA	-9,057	0,071	0,309
CHR12	5666846	CHR12:5666846	SSF x LoA	1,643	0,145	0,289
CHR12	5671218	CHR12:5671218	SSF x LoA	-9,286	0,095	0,285
CHR12	5671355	CHR12:5671355	SSF x LoA	-8,751	-0,063	0,290
CHR12	5677700	CHR12:5677700	SSF x LoA	-8,997	-0,018	0,295
CHR12	5677717	CHR12:5677717	SSF x LoA	-7,599	0,074	0,289
CHR12	5677735	CHR12:5677735	SSF x LoA	-6,222	-0,067	0,291
CHR12	5677743	CHR12:5677743	SSF x LoA	-7,457	0,121	0,288
CHR12	5677772	CHR12:5677772	SSF x LoA	-9,262	-0,028	0,297
CHR12	5677808	CHR12:5677808	SSF x LoA	-8,093	0,090	0,286
CHR12	5677961	CHR12:5677961	SSF x LoA	-10,369	0,124	0,284
CHR12	5679015	CHR12:5679015	SSF x LoA	-9,159	-0,006	0,296
CHR12	5679046	CHR12:5679046	SSF x LoA	-8,094	0,067	0,295
CHR12	5679129	CHR12:5679129	SSF x LoA	-11,267	-0,082	0,286
CHR12	5679133	CHR12:5679133	SSF x LoA	-8,228	0,076	0,302
CHR12	5679136	CHR12:5679136	SSF x LoA	-10,314	0,034	0,291
CHR12	5709132	CHR12:5709132	SSF x LoA	-9,866	-0,067	0,294
CHR12	5716627	CHR12:5716627	SSF x LoA	-9,937	-0,042	0,295
CHR12	5716696	CHR12:5716696	SSF x LoA	-8,651	-0,066	0,288
CHR12	5716720	CHR12:5716720	SSF x LoA	-8,924	-0,011	0,275
CHR12	5718378	CHR12:5718378	SSF x LoA	-6,496	-0,070	0,274
CHR12	5718613	CHR12:5718613	SSF x LoA	-9,690	0,104	0,295
CHR12	5727995	CHR12:5727995	SSF x LoA	-8,969	-0,129	0,291
CHR12	5751615	CHR12:5751615	SSF x LoA	-7,297	0,082	0,294
CHR12	5751664	CHR12:5751664	SSF x LoA	-7,914	0,011	0,289
CHR12	5762822	CHR12:5762822	SSF x LoA	-7,706	-0,090	0,283
CHR12	5762862	CHR12:5762862	SSF x LoA	-8,454	0,008	0,297
CHR12	5762983	CHR12:5762983	SSF x LoA	-7,383	0,107	0,290
CHR12	5776525	CHR12:5776525	SSF x LoA	-8,476	-0,058	0,287
CHR12	5782740	CHR12:5782740	SSF x LoA	-7,558	-0,206	0,271
CHR12	5782911	CHR12:5782911	SSF x LoA	-8,025	-0,078	0,289
CHR12	5782932	CHR12:5782932	SSF x LoA	-8,677	0,005	0,276
CHR12	5788005	CHR12:5788005	SSF x LoA	-6,535	-0,079	0,301
CHR12	5788116	CHR12:5788116	SSF x LoA	-8,011	0,082	0,297
CHR12	5788154	CHR12:5788154	SSF x LoA	-1,008	-0,067	0,285
CHR12	5788238	CHR12:5788238	SSF x LoA	-8,438	-0,002	0,292
CHR12	5788269	CHR12:5788269	SSF x LoA	-6,835	0,138	0,291
CHR12	5788315	CHR12:5788315	SSF x LoA	-7,782	-0,049	0,284
CHR12	5799734	CHR12:5799734	SSF x LoA	-8,077	-0,132	0,282
CHR12	5807092	CHR12:5807092	SSF x LoA	-7,869	0,195	0,277

CHR12	5807195	CHR12:5807195	SSF x LoA	-9,301	0,163	0,284
CHR12	5807281	CHR12:5807281	SSF x LoA	-9,161	0,092	0,297
CHR12	5824281	CHR12:5824281	SSF x LoA	-10,532	-0,014	0,292
CHR12	5824288	CHR12:5824288	SSF x LoA	-8,879	-0,043	0,275
CHR12	5824322	CHR12:5824322	SSF x LoA	-10,002	0,053	0,297
CHR12	5854229	CHR12:5854229	SSF x LoA	-6,202	-0,135	0,292
CHR12	5854298	CHR12:5854298	SSF x LoA	-10,171	0,066	0,294
CHR12	5854416	CHR12:5854416	SSF x LoA	-8,693	0,018	0,287
CHR12	5858995	CHR12:5858995	SSF x LoA	-10,448	-0,018	0,297
CHR12	5859131	CHR12:5859131	SSF x LoA	-10,313	-0,067	0,290
CHR12	5859148	CHR12:5859148	SSF x LoA	-7,424	0,099	0,296
CHR12	5869582	CHR12:5869582	SSF x LoA	-6,901	-0,082	0,307
CHR12	5871985	CHR12:5871985	SSF x LoA	-11,257	-0,058	0,289
CHR12	5871991	CHR12:5871991	SSF x LoA	-7,672	-0,026	0,296
CHR12	5872007	CHR12:5872007	SSF x LoA	-11,134	-0,031	0,291
CHR12	5872779	CHR12:5872779	SSF x LoA	-10,449	0,078	0,282
CHR12	5872826	CHR12:5872826	SSF x LoA	-9,124	0,025	0,279
CHR12	5893333	CHR12:5893333	SSF x LoA	-10,836	-0,105	0,283
CHR12	5898184	CHR12:5898184	SSF x LoA	-7,597	-0,100	0,288
CHR12	5898352	CHR12:5898352	SSF x LoA	-4,973	-0,203	0,275
CHR12	5898434	CHR12:5898434	SSF x LoA	5,050	-0,161	0,281
CHR12	5914483	CHR12:5914483	SSF x LoA	-9,974	-0,019	0,300
CHR12	5914746	CHR12:5914746	SSF x LoA	-7,028	0,064	0,291
CHR12	5914829	CHR12:5914829	SSF x LoA	-9,858	0,068	0,295
CHR12	5927727	CHR12:5927727	SSF x LoA	-7,208	0,039	0,291
CHR12	5927738	CHR12:5927738	SSF x LoA	-7,655	0,080	0,287
CHR12	5928178	CHR12:5928178	SSF x LoA	-7,394	-0,032	0,294
CHR12	5938264	CHR12:5938264	SSF x LoA	-7,086	0,085	0,288
CHR12	5938300	CHR12:5938300	SSF x LoA	-6,742	0,049	0,292
CHR12	5938424	CHR12:5938424	SSF x LoA	-8,015	-0,036	0,304
CHR12	5947549	CHR12:5947549	SSF x LoA	-8,061	-0,028	0,299
CHR12	5947575	CHR12:5947575	SSF x LoA	-8,219	-0,011	0,281
CHR12	5947770	CHR12:5947770	SSF x LoA	-10,545	0,072	0,290
CHR12	5947826	CHR12:5947826	SSF x LoA	-9,803	0,012	0,293
CHR12	5966620	CHR12:5966620	SSF x LoA	-6,781	-0,129	0,280
CHR12	5966628	CHR12:5966628	SSF x LoA	-8,442	-0,008	0,302
CHR12	5966671	CHR12:5966671	SSF x LoA	-9,898	-0,031	0,293
CHR12	5974158	CHR12:5974158	SSF x LoA	-7,596	-0,027	0,290
CHR12	5981049	CHR12:5981049	SSF x LoA	-10,654	-0,001	0,296
CHR12	5981190	CHR12:5981190	SSF x LoA	-10,151	0,050	0,289
CHR12	5981250	CHR12:5981250	SSF x LoA	-8,596	-0,024	0,298
CHR12	5981284	CHR12:5981284	SSF x LoA	-9,331	-0,078	0,289
CHR12	5981288	CHR12:5981288	SSF x LoA	-8,032	-0,012	0,293
CHR12	5981368	CHR12:5981368	SSF x LoA	-9,086	-0,077	0,281
CHR12	599687	CHR12:599687	SSF x LoA	-9,742	-0,079	0,295
CHR12	5998586	CHR12:5998586	SSF x LoA	-3,501	-0,115	0,277
CHR12	6010450	CHR12:6010450	SSF x LoA	-9,189	-0,056	0,286
CHR12	6012086	CHR12:6012086	SSF x LoA	-9,509	0,046	0,287
CHR12	6012151	CHR12:6012151	SSF x LoA	-8,983	-0,154	0,288
CHR12	6012209	CHR12:6012209	SSF x LoA	-5,773	-0,158	0,286
CHR12	6012259	CHR12:6012259	SSF x LoA	-4,465	-0,191	0,292
CHR12	6012280	CHR12:6012280	SSF x LoA	-5,631	0,135	0,280
CHR12	6025612	CHR12:6025612	SSF x LoA	-9,826	0,096	0,290

CHR12	6025942	CHR12:6025942	SSF x LoA	-9,566	0,072	0,298
CHR12	6025964	CHR12:6025964	SSF x LoA	-8,774	-0,070	0,280
CHR12	6025981	CHR12:6025981	SSF x LoA	-3,844	-0,007	0,293
CHR12	6026000	CHR12:6026000	SSF x LoA	-9,103	0,005	0,277
CHR12	6043968	CHR12:6043968	SSF x LoA	-6,322	0,100	0,285
CHR12	6043977	CHR12:6043977	SSF x LoA	-5,517	0,108	0,285
CHR12	6043981	CHR12:6043981	SSF x LoA	-6,696	0,018	0,289
CHR12	6047267	CHR12:6047267	SSF x LoA	-10,777	-0,011	0,288
CHR12	6052460	CHR12:6052460	SSF x LoA	-11,365	-0,047	0,279
CHR12	6052511	CHR12:6052511	SSF x LoA	-10,538	-0,061	0,280
CHR12	6052548	CHR12:6052548	SSF x LoA	-9,672	0,068	0,276
CHR12	6052565	CHR12:6052565	SSF x LoA	-7,107	0,117	0,283
CHR12	6052567	CHR12:6052567	SSF x LoA	-1,803	0,031	0,273
CHR12	6052580	CHR12:6052580	SSF x LoA	-7,475	0,044	0,285
CHR12	6052585	CHR12:6052585	SSF x LoA	-9,441	0,045	0,261
CHR12	6052590	CHR12:6052590	SSF x LoA	-4,633	0,038	0,272
CHR12	6052593	CHR12:6052593	SSF x LoA	-9,621	0,051	0,270
CHR12	6052598	CHR12:6052598	SSF x LoA	-6,685	0,056	0,278
CHR12	6052640	CHR12:6052640	SSF x LoA	-3,756	-0,216	0,277
CHR12	6052806	CHR12:6052806	SSF x LoA	-9,285	-0,026	0,277
CHR12	6052811	CHR12:6052811	SSF x LoA	-6,372	0,152	0,289
CHR12	6070985	CHR12:6070985	SSF x LoA	-9,694	0,080	0,297
CHR12	6071073	CHR12:6071073	SSF x LoA	-10,229	0,067	0,278
CHR12	6071311	CHR12:6071311	SSF x LoA	-6,121	0,148	0,299
CHR12	6083598	CHR12:6083598	SSF x LoA	-5,837	-0,122	0,290
CHR12	6083617	CHR12:6083617	SSF x LoA	-9,123	-0,081	0,275
CHR12	6083633	CHR12:6083633	SSF x LoA	-9,337	-0,090	0,283
CHR12	6083650	CHR12:6083650	SSF x LoA	-9,180	-0,047	0,292
CHR12	6083651	CHR12:6083651	SSF x LoA	-6,640	-0,074	0,304
CHR12	6083668	CHR12:6083668	SSF x LoA	-7,935	-0,122	0,287
CHR12	6083757	CHR12:6083757	SSF x LoA	-4,827	0,240	0,281
CHR12	6083785	CHR12:6083785	SSF x LoA	-7,997	-0,039	0,284
CHR12	6095589	CHR12:6095589	SSF x LoA	-10,691	-0,021	0,286
CHR12	6095636	CHR12:6095636	SSF x LoA	-8,604	0,144	0,299
CHR12	6120567	CHR12:6120567	SSF x LoA	-8,728	0,060	0,297
CHR12	6120672	CHR12:6120672	SSF x LoA	-8,871	-0,057	0,294
CHR12	612897	CHR12:612897	SSF x LoA	-10,861	-0,011	0,284
CHR12	612939	CHR12:612939	SSF x LoA	-10,404	-0,013	0,295
CHR12	612986	CHR12:612986	SSF x LoA	-7,618	-0,009	0,301
CHR12	613140	CHR12:613140	SSF x LoA	-11,276	0,000	0,279
CHR12	6153347	CHR12:6153347	SSF x LoA	-7,239	-0,041	0,310
CHR12	6153400	CHR12:6153400	SSF x LoA	-6,178	-0,055	0,287
CHR12	6153495	CHR12:6153495	SSF x LoA	-8,976	-0,148	0,287
CHR12	6153536	CHR12:6153536	SSF x LoA	-7,578	0,110	0,292
CHR12	6153589	CHR12:6153589	SSF x LoA	-9,776	0,016	0,298
CHR12	619262	CHR12:619262	SSF x LoA	-8,170	0,038	0,284
CHR12	6203636	CHR12:6203636	SSF x LoA	-1,936	-0,072	0,291
CHR12	6203809	CHR12:6203809	SSF x LoA	-9,587	0,013	0,287
CHR12	6203812	CHR12:6203812	SSF x LoA	-8,799	0,051	0,270
CHR12	621930	CHR12:621930	SSF x LoA	-7,152	-0,107	0,283
CHR12	622013	CHR12:622013	SSF x LoA	-7,339	0,146	0,286
CHR12	622021	CHR12:622021	SSF x LoA	-7,515	-0,138	0,276
CHR12	6224130	CHR12:6224130	SSF x LoA	-9,873	-0,040	0,296

CHR12	6224467	CHR12:6224467	SSF x LoA	-11,462	0,056	0,282
CHR12	6225500	CHR12:6225500	SSF x LoA	-8,141	0,087	0,274
CHR12	6225558	CHR12:6225558	SSF x LoA	-9,221	-0,079	0,294
CHR12	6225573	CHR12:6225573	SSF x LoA	-8,850	0,042	0,281
CHR12	6233465	CHR12:6233465	SSF x LoA	-3,934	-0,027	0,306
CHR12	6239169	CHR12:6239169	SSF x LoA	-10,943	0,031	0,290
CHR12	6239229	CHR12:6239229	SSF x LoA	-9,550	-0,061	0,297
CHR12	6239260	CHR12:6239260	SSF x LoA	-8,508	-0,057	0,295
CHR12	6239425	CHR12:6239425	SSF x LoA	-9,517	0,002	0,283
CHR12	6245146	CHR12:6245146	SSF x LoA	-9,156	-0,009	0,298
CHR12	6245181	CHR12:6245181	SSF x LoA	-9,816	-0,103	0,281
CHR12	6247714	CHR12:6247714	SSF x LoA	-7,226	0,093	0,292
CHR12	6256175	CHR12:6256175	SSF x LoA	-10,731	-0,005	0,284
CHR12	6256228	CHR12:6256228	SSF x LoA	-10,220	0,001	0,295
CHR12	6256311	CHR12:6256311	SSF x LoA	-11,368	-0,012	0,283
CHR12	6256464	CHR12:6256464	SSF x LoA	-10,653	-0,043	0,290
CHR12	6256501	CHR12:6256501	SSF x LoA	-7,304	-0,024	0,305
CHR12	6256528	CHR12:6256528	SSF x LoA	-9,936	0,013	0,282
CHR12	6299795	CHR12:6299795	SSF x LoA	-10,050	-0,035	0,298
CHR12	6299802	CHR12:6299802	SSF x LoA	-9,197	-0,106	0,290
CHR12	6299890	CHR12:6299890	SSF x LoA	-11,530	-0,021	0,283
CHR12	6303802	CHR12:6303802	SSF x LoA	-6,418	0,111	0,288
CHR12	6304123	CHR12:6304123	SSF x LoA	-6,108	-0,091	0,263
CHR12	6320142	CHR12:6320142	SSF x LoA	-5,902	-0,075	0,292
CHR12	6320144	CHR12:6320144	SSF x LoA	-7,818	0,087	0,289
CHR12	6320526	CHR12:6320526	SSF x LoA	-9,024	-0,108	0,290
CHR12	6334190	CHR12:6334190	SSF x LoA	-8,007	0,022	0,306
CHR12	6334250	CHR12:6334250	SSF x LoA	-9,556	-0,035	0,300
CHR12	6334274	CHR12:6334274	SSF x LoA	-10,266	0,063	0,284
CHR12	6334294	CHR12:6334294	SSF x LoA	-9,098	0,039	0,285
CHR12	6334314	CHR12:6334314	SSF x LoA	-11,196	-0,036	0,297
CHR12	6334362	CHR12:6334362	SSF x LoA	-11,286	-0,028	0,285
CHR12	6334403	CHR12:6334403	SSF x LoA	-10,049	-0,090	0,282
CHR12	6334555	CHR12:6334555	SSF x LoA	-9,736	-0,049	0,295
CHR12	6334558	CHR12:6334558	SSF x LoA	-9,904	-0,099	0,277
CHR12	6338645	CHR12:6338645	SSF x LoA	-5,453	-0,011	0,288
CHR12	6338726	CHR12:6338726	SSF x LoA	-6,837	0,111	0,280
CHR12	6389747	CHR12:6389747	SSF x LoA	-6,123	0,069	0,294
CHR12	6389888	CHR12:6389888	SSF x LoA	-10,692	0,094	0,292
CHR12	6390726	CHR12:6390726	SSF x LoA	-6,969	0,126	0,277
CHR12	6391484	CHR12:6391484	SSF x LoA	-9,809	0,132	0,278
CHR12	6391505	CHR12:6391505	SSF x LoA	-8,410	-0,057	0,283
CHR12	6400827	CHR12:6400827	SSF x LoA	-10,442	-0,022	0,281
CHR12	6400838	CHR12:6400838	SSF x LoA	-4,095	0,128	0,295
CHR12	6400920	CHR12:6400920	SSF x LoA	-5,842	0,046	0,293
CHR12	6400980	CHR12:6400980	SSF x LoA	-11,110	-0,046	0,289
CHR12	6400983	CHR12:6400983	SSF x LoA	-9,226	0,067	0,287
CHR12	6401034	CHR12:6401034	SSF x LoA	-9,816	-0,001	0,293
CHR12	6401100	CHR12:6401100	SSF x LoA	-9,080	-0,030	0,281
CHR12	6403745	CHR12:6403745	SSF x LoA	-8,436	0,049	0,290
CHR12	6403906	CHR12:6403906	SSF x LoA	-8,543	0,024	0,297
CHR12	6403911	CHR12:6403911	SSF x LoA	-10,237	0,044	0,282
CHR12	6403972	CHR12:6403972	SSF x LoA	-7,222	-0,080	0,304

CHR12	6403998	CHR12:6403998	SSF x LoA	-7,718	0,106	0,289
CHR12	6404059	CHR12:6404059	SSF x LoA	-10,020	0,035	0,297
CHR12	6414712	CHR12:6414712	SSF x LoA	-9,915	-0,021	0,296
CHR12	642735	CHR12:642735	SSF x LoA	-9,580	0,086	0,287
CHR12	642767	CHR12:642767	SSF x LoA	-9,060	0,007	0,295
CHR12	642869	CHR12:642869	SSF x LoA	-6,006	-0,188	0,265
CHR12	642918	CHR12:642918	SSF x LoA	-11,239	-0,028	0,287
CHR12	6429481	CHR12:6429481	SSF x LoA	-8,459	-0,036	0,281
CHR12	642949	CHR12:642949	SSF x LoA	-9,892	0,091	0,294
CHR12	6429524	CHR12:6429524	SSF x LoA	-9,326	-0,127	0,286
CHR12	6429530	CHR12:6429530	SSF x LoA	-9,791	-0,113	0,281
CHR12	6429539	CHR12:6429539	SSF x LoA	-8,315	-0,011	0,273
CHR12	6429542	CHR12:6429542	SSF x LoA	-10,017	-0,077	0,282
CHR12	6429558	CHR12:6429558	SSF x LoA	-8,641	0,068	0,289
CHR12	6429577	CHR12:6429577	SSF x LoA	-8,493	0,042	0,275
CHR12	642959	CHR12:642959	SSF x LoA	-9,100	-0,068	0,290
CHR12	6429825	CHR12:6429825	SSF x LoA	-6,009	0,045	0,297
CHR12	6429841	CHR12:6429841	SSF x LoA	-6,345	-0,122	0,306
CHR12	6436254	CHR12:6436254	SSF x LoA	-6,869	-0,142	0,299
CHR12	6439059	CHR12:6439059	SSF x LoA	-7,421	-0,065	0,296
CHR12	6439060	CHR12:6439060	SSF x LoA	-9,520	0,115	0,287
CHR12	6439161	CHR12:6439161	SSF x LoA	-10,127	0,044	0,288
CHR12	6439192	CHR12:6439192	SSF x LoA	-8,096	-0,079	0,301
CHR12	6439232	CHR12:6439232	SSF x LoA	-8,091	-0,025	0,271
CHR12	6439241	CHR12:6439241	SSF x LoA	-9,377	0,031	0,297
CHR12	6439290	CHR12:6439290	SSF x LoA	-9,334	0,060	0,299
CHR12	6444924	CHR12:6444924	SSF x LoA	-4,787	0,085	0,281
CHR12	6445049	CHR12:6445049	SSF x LoA	-7,494	0,075	0,286
CHR12	6453061	CHR12:6453061	SSF x LoA	-8,391	0,059	0,294
CHR12	6453083	CHR12:6453083	SSF x LoA	-10,623	0,007	0,289
CHR12	6453181	CHR12:6453181	SSF x LoA	-10,516	0,038	0,284
CHR12	6453192	CHR12:6453192	SSF x LoA	-10,280	0,010	0,286
CHR12	6462937	CHR12:6462937	SSF x LoA	-9,254	-0,096	0,287
CHR12	6463045	CHR12:6463045	SSF x LoA	-6,773	0,198	0,265
CHR12	6469108	CHR12:6469108	SSF x LoA	-9,113	-0,031	0,278
CHR12	6469148	CHR12:6469148	SSF x LoA	-9,989	-0,100	0,270
CHR12	6469541	CHR12:6469541	SSF x LoA	-9,244	0,083	0,290
CHR12	647593	CHR12:647593	SSF x LoA	-10,264	0,123	0,282
CHR12	6476611	CHR12:6476611	SSF x LoA	-7,477	0,078	0,276
CHR12	647712	CHR12:647712	SSF x LoA	20,002	0,224	0,284
CHR12	6484692	CHR12:6484692	SSF x LoA	-6,448	-0,017	0,292
CHR12	6484725	CHR12:6484725	SSF x LoA	-6,419	-0,033	0,278
CHR12	6484732	CHR12:6484732	SSF x LoA	-1,965	0,079	0,306
CHR12	6484752	CHR12:6484752	SSF x LoA	-9,166	-0,013	0,289
CHR12	6484781	CHR12:6484781	SSF x LoA	-7,767	-0,033	0,296
CHR12	6494915	CHR12:6494915	SSF x LoA	-9,199	0,110	0,289
CHR12	6494919	CHR12:6494919	SSF x LoA	-8,229	0,017	0,299
CHR12	6516812	CHR12:6516812	SSF x LoA	-6,514	-0,153	0,294
CHR12	6516879	CHR12:6516879	SSF x LoA	-11,194	-0,064	0,274
CHR12	6517041	CHR12:6517041	SSF x LoA	-10,149	-0,091	0,298
CHR12	6517140	CHR12:6517140	SSF x LoA	-10,970	-0,076	0,290
CHR12	6520417	CHR12:6520417	SSF x LoA	-8,767	-0,146	0,287
CHR12	6520550	CHR12:6520550	SSF x LoA	-8,730	-0,068	0,281

CHR12	6528469	CHR12:6528469	SSF x LoA	-10,925	-0,068	0,274
CHR12	6528470	CHR12:6528470	SSF x LoA	-9,778	-0,072	0,292
CHR12	6532167	CHR12:6532167	SSF x LoA	-8,124	0,037	0,282
CHR12	6532263	CHR12:6532263	SSF x LoA	-7,898	0,016	0,294
CHR12	6532282	CHR12:6532282	SSF x LoA	-9,103	-0,124	0,281
CHR12	6546443	CHR12:6546443	SSF x LoA	-7,243	-0,016	0,284
CHR12	6552219	CHR12:6552219	SSF x LoA	-9,660	-0,097	0,277
CHR12	6552280	CHR12:6552280	SSF x LoA	-8,883	0,069	0,292
CHR12	6552284	CHR12:6552284	SSF x LoA	-7,870	0,051	0,302
CHR12	6552399	CHR12:6552399	SSF x LoA	-5,668	-0,202	0,283
CHR12	6575772	CHR12:6575772	SSF x LoA	-6,937	-0,149	0,264
CHR12	6575812	CHR12:6575812	SSF x LoA	-7,807	-0,071	0,296
CHR12	6575844	CHR12:6575844	SSF x LoA	-9,728	-0,029	0,280
CHR12	6579737	CHR12:6579737	SSF x LoA	-10,498	0,016	0,293
CHR12	6579748	CHR12:6579748	SSF x LoA	-11,181	0,053	0,283
CHR12	6579961	CHR12:6579961	SSF x LoA	-6,113	-0,138	0,270
CHR12	6579967	CHR12:6579967	SSF x LoA	-6,821	-0,014	0,272
CHR12	6597282	CHR12:6597282	SSF x LoA	-8,607	0,064	0,303
CHR12	6597386	CHR12:6597386	SSF x LoA	-10,879	0,022	0,304
CHR12	6597455	CHR12:6597455	SSF x LoA	-6,374	0,069	0,307
CHR12	6597501	CHR12:6597501	SSF x LoA	-10,311	-0,025	0,291
CHR12	6597516	CHR12:6597516	SSF x LoA	-8,953	-0,011	0,279
CHR12	6597518	CHR12:6597518	SSF x LoA	-9,331	-0,031	0,283
CHR12	6597520	CHR12:6597520	SSF x LoA	-8,292	-0,051	0,292
CHR12	6597532	CHR12:6597532	SSF x LoA	-7,289	-0,009	0,297
CHR12	6599762	CHR12:6599762	SSF x LoA	-5,692	0,149	0,291
CHR12	6599776	CHR12:6599776	SSF x LoA	-5,329	0,206	0,280
CHR12	6599810	CHR12:6599810	SSF x LoA	-5,669	-0,186	0,278
CHR12	6599914	CHR12:6599914	SSF x LoA	-7,465	-0,142	0,275
CHR12	6600111	CHR12:6600111	SSF x LoA	-7,751	0,082	0,284
CHR12	6601798	CHR12:6601798	SSF x LoA	-10,695	0,000	0,286
CHR12	6640285	CHR12:6640285	SSF x LoA	-8,055	0,052	0,301
CHR12	6640485	CHR12:6640485	SSF x LoA	-8,826	0,008	0,276
CHR12	6656730	CHR12:6656730	SSF x LoA	-8,760	0,128	0,293
CHR12	6656812	CHR12:6656812	SSF x LoA	-8,260	0,008	0,277
CHR12	6656817	CHR12:6656817	SSF x LoA	-8,605	0,043	0,277
CHR12	667400	CHR12:667400	SSF x LoA	-9,238	-0,050	0,296
CHR12	667403	CHR12:667403	SSF x LoA	-9,691	-0,004	0,288
CHR12	667405	CHR12:667405	SSF x LoA	-9,974	-0,054	0,270
CHR12	669674	CHR12:669674	SSF x LoA	-10,503	-0,090	0,286
CHR12	669774	CHR12:669774	SSF x LoA	-8,040	0,029	0,299
CHR12	6703503	CHR12:6703503	SSF x LoA	-1,670	0,113	0,280
CHR12	6703649	CHR12:6703649	SSF x LoA	-5,049	-0,079	0,289
CHR12	6715753	CHR12:6715753	SSF x LoA	-8,774	0,081	0,280
CHR12	6715757	CHR12:6715757	SSF x LoA	-8,640	0,108	0,284
CHR12	6715776	CHR12:6715776	SSF x LoA	-7,100	0,160	0,300
CHR12	6715791	CHR12:6715791	SSF x LoA	-9,700	0,027	0,290
CHR12	6715891	CHR12:6715891	SSF x LoA	-7,881	0,088	0,280
CHR12	6715907	CHR12:6715907	SSF x LoA	-8,199	0,046	0,275
CHR12	6715937	CHR12:6715937	SSF x LoA	-8,835	-0,081	0,291
CHR12	6716093	CHR12:6716093	SSF x LoA	-7,785	-0,119	0,285
CHR12	6731092	CHR12:6731092	SSF x LoA	-10,478	0,043	0,294
CHR12	6731097	CHR12:6731097	SSF x LoA	4,926	-0,066	0,276

CHR12	6764844	CHR12:6764844	SSF x LoA	-9,897	-0,053	0,290
CHR12	6764932	CHR12:6764932	SSF x LoA	-4,891	0,186	0,281
CHR12	676587	CHR12:676587	SSF x LoA	-8,465	-0,133	0,284
CHR12	6768267	CHR12:6768267	SSF x LoA	-6,965	-0,014	0,285
CHR12	6768410	CHR12:6768410	SSF x LoA	-10,042	-0,114	0,270
CHR12	6768505	CHR12:6768505	SSF x LoA	-5,339	-0,151	0,273
CHR12	6768522	CHR12:6768522	SSF x LoA	-10,108	-0,090	0,280
CHR12	6773295	CHR12:6773295	SSF x LoA	-9,644	-0,033	0,294
CHR12	6773296	CHR12:6773296	SSF x LoA	-9,062	-0,058	0,287
CHR12	6773418	CHR12:6773418	SSF x LoA	-10,396	-0,017	0,289
CHR12	6785256	CHR12:6785256	SSF x LoA	-8,405	-0,038	0,294
CHR12	6827355	CHR12:6827355	SSF x LoA	-8,242	0,047	0,292
CHR12	6827483	CHR12:6827483	SSF x LoA	-8,045	0,120	0,279
CHR12	6831445	CHR12:6831445	SSF x LoA	-8,863	-0,128	0,276
CHR12	6845340	CHR12:6845340	SSF x LoA	-9,759	0,134	0,284
CHR12	6845613	CHR12:6845613	SSF x LoA	-8,318	0,077	0,272
CHR12	6845662	CHR12:6845662	SSF x LoA	-10,391	-0,003	0,285
CHR12	6845666	CHR12:6845666	SSF x LoA	-10,636	0,011	0,293
CHR12	6845685	CHR12:6845685	SSF x LoA	-9,718	-0,045	0,274
CHR12	6845717	CHR12:6845717	SSF x LoA	-6,170	0,122	0,281
CHR12	6845735	CHR12:6845735	SSF x LoA	-9,598	0,017	0,287
CHR12	6845745	CHR12:6845745	SSF x LoA	-4,922	-0,230	0,284
CHR12	6845761	CHR12:6845761	SSF x LoA	-10,694	0,053	0,289
CHR12	6845783	CHR12:6845783	SSF x LoA	-8,056	-0,108	0,287
CHR12	6845790	CHR12:6845790	SSF x LoA	-8,883	0,025	0,292
CHR12	6845819	CHR12:6845819	SSF x LoA	-6,347	0,106	0,294
CHR12	6851171	CHR12:6851171	SSF x LoA	-4,655	-0,183	0,270
CHR12	6851176	CHR12:6851176	SSF x LoA	-10,243	0,050	0,283
CHR12	6851247	CHR12:6851247	SSF x LoA	-9,920	-0,111	0,274
CHR12	685499	CHR12:685499	SSF x LoA	-8,784	0,052	0,281
CHR12	685644	CHR12:685644	SSF x LoA	-9,772	0,089	0,276
CHR12	6857418	CHR12:6857418	SSF x LoA	-9,272	-0,088	0,264
CHR12	6857494	CHR12:6857494	SSF x LoA	-7,559	0,049	0,294
CHR12	6857535	CHR12:6857535	SSF x LoA	-7,844	-0,020	0,286
CHR12	6861138	CHR12:6861138	SSF x LoA	-7,927	0,071	0,299
CHR12	6861212	CHR12:6861212	SSF x LoA	-8,887	-0,003	0,296
CHR12	6861262	CHR12:6861262	SSF x LoA	-7,858	0,075	0,287
CHR12	6861355	CHR12:6861355	SSF x LoA	-9,409	0,032	0,288
CHR12	6863195	CHR12:6863195	SSF x LoA	-8,926	0,158	0,292
CHR12	6863343	CHR12:6863343	SSF x LoA	-11,335	-0,046	0,277
CHR12	6863574	CHR12:6863574	SSF x LoA	-8,647	-0,014	0,281
CHR12	6867289	CHR12:6867289	SSF x LoA	-9,277	0,060	0,289
CHR12	6867371	CHR12:6867371	SSF x LoA	-8,626	0,093	0,288
CHR12	6867428	CHR12:6867428	SSF x LoA	-2,557	0,144	0,302
CHR12	6867522	CHR12:6867522	SSF x LoA	-5,232	0,004	0,285
CHR12	6870048	CHR12:6870048	SSF x LoA	-10,621	0,069	0,283
CHR12	6870078	CHR12:6870078	SSF x LoA	-10,913	-0,048	0,289
CHR12	6870107	CHR12:6870107	SSF x LoA	-7,973	0,059	0,297
CHR12	6870270	CHR12:6870270	SSF x LoA	-3,951	-0,243	0,272
CHR12	6870308	CHR12:6870308	SSF x LoA	-9,300	-0,135	0,278
CHR12	6874199	CHR12:6874199	SSF x LoA	0,170	-0,214	0,286
CHR12	6874318	CHR12:6874318	SSF x LoA	-7,351	-0,139	0,296
CHR12	6874328	CHR12:6874328	SSF x LoA	-9,969	-0,117	0,289

CHR12	6874357	CHR12:6874357	SSF x LoA	-4,713	-0,226	0,263
CHR12	6874395	CHR12:6874395	SSF x LoA	-7,844	0,071	0,292
CHR12	6874509	CHR12:6874509	SSF x LoA	-7,413	-0,090	0,306
CHR12	6899424	CHR12:6899424	SSF x LoA	-5,559	-0,231	0,273
CHR12	6899523	CHR12:6899523	SSF x LoA	-4,159	0,180	0,284
CHR12	6899527	CHR12:6899527	SSF x LoA	-3,675	0,204	0,264
CHR12	6899600	CHR12:6899600	SSF x LoA	-8,657	-0,047	0,288
CHR12	6899627	CHR12:6899627	SSF x LoA	-7,973	-0,030	0,286
CHR12	6900312	CHR12:6900312	SSF x LoA	-9,685	0,061	0,283
CHR12	6900323	CHR12:6900323	SSF x LoA	-9,286	0,154	0,280
CHR12	6900349	CHR12:6900349	SSF x LoA	-7,840	-0,103	0,282
CHR12	6900407	CHR12:6900407	SSF x LoA	-8,419	-0,003	0,285
CHR12	6908056	CHR12:6908056	SSF x LoA	-10,493	0,045	0,297
CHR12	6908062	CHR12:6908062	SSF x LoA	-3,230	0,150	0,286
CHR12	6908098	CHR12:6908098	SSF x LoA	-8,292	0,044	0,303
CHR12	6908139	CHR12:6908139	SSF x LoA	-9,331	-0,038	0,269
CHR12	6908274	CHR12:6908274	SSF x LoA	-5,857	0,128	0,292
CHR12	6911786	CHR12:6911786	SSF x LoA	-7,452	-0,147	0,277
CHR12	6911818	CHR12:6911818	SSF x LoA	-9,652	0,072	0,279
CHR12	6912041	CHR12:6912041	SSF x LoA	-9,428	-0,078	0,294
CHR12	6912206	CHR12:6912206	SSF x LoA	-10,103	-0,032	0,272
CHR12	6917697	CHR12:6917697	SSF x LoA	-7,666	-0,074	0,286
CHR12	6925071	CHR12:6925071	SSF x LoA	-8,355	0,023	0,281
CHR12	6926806	CHR12:6926806	SSF x LoA	-7,514	-0,094	0,286
CHR12	6928081	CHR12:6928081	SSF x LoA	-8,829	-0,072	0,284
CHR12	6934042	CHR12:6934042	SSF x LoA	-9,571	0,027	0,290
CHR12	6934046	CHR12:6934046	SSF x LoA	-9,306	-0,016	0,299
CHR12	6934098	CHR12:6934098	SSF x LoA	-8,854	-0,014	0,317
CHR12	6966966	CHR12:6966966	SSF x LoA	-8,384	0,112	0,282
CHR12	6967019	CHR12:6967019	SSF x LoA	-8,582	0,053	0,290
CHR12	6967041	CHR12:6967041	SSF x LoA	-10,161	0,012	0,289
CHR12	6967068	CHR12:6967068	SSF x LoA	-7,818	-0,021	0,285
CHR12	6969997	CHR12:6969997	SSF x LoA	-10,736	-0,027	0,299
CHR12	6970224	CHR12:6970224	SSF x LoA	-9,746	0,064	0,300
CHR12	6977173	CHR12:6977173	SSF x LoA	-9,549	-0,010	0,283
CHR12	6979254	CHR12:6979254	SSF x LoA	-8,624	-0,052	0,279
CHR12	6979358	CHR12:6979358	SSF x LoA	-7,857	-0,065	0,300
CHR12	6980178	CHR12:6980178	SSF x LoA	-8,944	0,027	0,276
CHR12	7004259	CHR12:7004259	SSF x LoA	-11,317	0,044	0,290
CHR12	7004294	CHR12:7004294	SSF x LoA	-10,226	0,025	0,291
CHR12	7012615	CHR12:7012615	SSF x LoA	-7,149	-0,140	0,307
CHR12	7012623	CHR12:7012623	SSF x LoA	-11,122	-0,063	0,283
CHR12	7012940	CHR12:7012940	SSF x LoA	-6,943	-0,078	0,294
CHR12	7030874	CHR12:7030874	SSF x LoA	-9,440	0,109	0,284
CHR12	7051203	CHR12:7051203	SSF x LoA	-8,580	-0,122	0,281
CHR12	7061377	CHR12:7061377	SSF x LoA	-8,780	0,094	0,301
CHR12	7082671	CHR12:7082671	SSF x LoA	-5,405	0,127	0,291
CHR12	7082732	CHR12:7082732	SSF x LoA	-6,856	0,084	0,304
CHR12	709973	CHR12:709973	SSF x LoA	-10,684	0,014	0,291
CHR12	709988	CHR12:709988	SSF x LoA	-9,155	0,054	0,290
CHR12	709993	CHR12:709993	SSF x LoA	-7,122	-0,143	0,266
CHR12	710051	CHR12:710051	SSF x LoA	-6,856	-0,085	0,285
CHR12	7111053	CHR12:7111053	SSF x LoA	-9,551	-0,014	0,290

CHR12	7111176	CHR12:7111176	SSF x LoA	-4,859	-0,162	0,271
CHR12	7111278	CHR12:7111278	SSF x LoA	-9,116	-0,101	0,275
CHR12	7114731	CHR12:7114731	SSF x LoA	-4,015	-0,197	0,263
CHR12	711921	CHR12:711921	SSF x LoA	-4,624	-0,146	0,285
CHR12	712156	CHR12:712156	SSF x LoA	-8,557	-0,120	0,280
CHR12	712167	CHR12:712167	SSF x LoA	-11,053	0,061	0,278
CHR12	7122885	CHR12:7122885	SSF x LoA	-8,833	0,115	0,275
CHR12	7122896	CHR12:7122896	SSF x LoA	-5,330	-0,092	0,304
CHR12	7122958	CHR12:7122958	SSF x LoA	-9,955	0,129	0,275
CHR12	7145032	CHR12:7145032	SSF x LoA	-10,293	-0,011	0,291
CHR12	7145130	CHR12:7145130	SSF x LoA	-8,710	0,117	0,293
CHR12	7145196	CHR12:7145196	SSF x LoA	-10,130	0,025	0,289
CHR12	7145256	CHR12:7145256	SSF x LoA	-11,746	0,005	0,281
CHR12	7151803	CHR12:7151803	SSF x LoA	-11,108	-0,042	0,287
CHR12	7151950	CHR12:7151950	SSF x LoA	-8,598	-0,056	0,292
CHR12	7158934	CHR12:7158934	SSF x LoA	-10,309	0,029	0,281
CHR12	7158998	CHR12:7158998	SSF x LoA	-8,244	-0,022	0,302
CHR12	7159199	CHR12:7159199	SSF x LoA	-7,506	-0,028	0,290
CHR12	7159305	CHR12:7159305	SSF x LoA	-4,782	0,128	0,270
CHR12	7166259	CHR12:7166259	SSF x LoA	-8,039	-0,032	0,295
CHR12	7169551	CHR12:7169551	SSF x LoA	-6,677	-0,067	0,296
CHR12	7169563	CHR12:7169563	SSF x LoA	-8,338	0,086	0,293
CHR12	7179240	CHR12:7179240	SSF x LoA	-10,757	-0,044	0,288
CHR12	7184636	CHR12:7184636	SSF x LoA	-9,974	-0,028	0,291
CHR12	7186704	CHR12:7186704	SSF x LoA	-5,343	0,176	0,285
CHR12	7186708	CHR12:7186708	SSF x LoA	-9,072	0,122	0,282
CHR12	7193857	CHR12:7193857	SSF x LoA	-10,083	0,055	0,286
CHR12	7193931	CHR12:7193931	SSF x LoA	-6,966	-0,102	0,298
CHR12	7194158	CHR12:7194158	SSF x LoA	-9,111	0,114	0,303
CHR12	7198075	CHR12:7198075	SSF x LoA	-8,591	0,004	0,287
CHR12	7198181	CHR12:7198181	SSF x LoA	-9,494	0,035	0,300
CHR12	7202900	CHR12:7202900	SSF x LoA	-9,378	0,100	0,289
CHR12	7213060	CHR12:7213060	SSF x LoA	-9,004	-0,049	0,281
CHR12	7213076	CHR12:7213076	SSF x LoA	-9,819	-0,038	0,276
CHR12	7213120	CHR12:7213120	SSF x LoA	-9,694	-0,039	0,267
CHR12	7213145	CHR12:7213145	SSF x LoA	-8,895	0,023	0,293
CHR12	7216863	CHR12:7216863	SSF x LoA	-7,889	-0,050	0,283
CHR12	7219383	CHR12:7219383	SSF x LoA	-8,018	0,144	0,291
CHR12	7245563	CHR12:7245563	SSF x LoA	-9,034	-0,075	0,295
CHR12	7245611	CHR12:7245611	SSF x LoA	-8,598	0,062	0,293
CHR12	7252648	CHR12:7252648	SSF x LoA	-7,686	0,029	0,286
CHR12	7255799	CHR12:7255799	SSF x LoA	-5,000	0,072	0,310
CHR12	7255951	CHR12:7255951	SSF x LoA	-6,682	0,025	0,309
CHR12	7257539	CHR12:7257539	SSF x LoA	-9,264	0,044	0,289
CHR12	7257578	CHR12:7257578	SSF x LoA	-5,926	0,144	0,286
CHR12	7288684	CHR12:7288684	SSF x LoA	-8,447	-0,009	0,298
CHR12	7288705	CHR12:7288705	SSF x LoA	-10,173	0,112	0,285
CHR12	7288738	CHR12:7288738	SSF x LoA	-7,226	-0,068	0,292
CHR12	7288745	CHR12:7288745	SSF x LoA	-8,977	0,058	0,295
CHR12	7288746	CHR12:7288746	SSF x LoA	-10,225	0,061	0,290
CHR12	7290487	CHR12:7290487	SSF x LoA	-9,203	0,076	0,286
CHR12	7290510	CHR12:7290510	SSF x LoA	-7,459	-0,106	0,275
CHR12	7290583	CHR12:7290583	SSF x LoA	-8,809	0,056	0,287

CHR12	7290619	CHR12:7290619	SSF x LoA	-6,859	0,063	0,292
CHR12	7290661	CHR12:7290661	SSF x LoA	-9,158	-0,039	0,289
CHR12	7290713	CHR12:7290713	SSF x LoA	-8,497	0,079	0,296
CHR12	7290721	CHR12:7290721	SSF x LoA	-8,995	0,022	0,291
CHR12	7309093	CHR12:7309093	SSF x LoA	-11,423	0,017	0,294
CHR12	7309162	CHR12:7309162	SSF x LoA	-10,099	0,051	0,292
CHR12	7325232	CHR12:7325232	SSF x LoA	-4,604	0,115	0,292
CHR12	7325245	CHR12:7325245	SSF x LoA	-7,214	-0,183	0,284
CHR12	735262	CHR12:735262	SSF x LoA	-10,486	-0,024	0,277
CHR12	735295	CHR12:735295	SSF x LoA	-8,102	0,114	0,290
CHR12	7371729	CHR12:7371729	SSF x LoA	-10,946	-0,054	0,288
CHR12	7386947	CHR12:7386947	SSF x LoA	-3,349	0,152	0,271
CHR12	7386948	CHR12:7386948	SSF x LoA	-6,599	0,126	0,282
CHR12	7392208	CHR12:7392208	SSF x LoA	-6,866	0,080	0,286
CHR12	7392258	CHR12:7392258	SSF x LoA	-7,622	0,096	0,286
CHR12	740193	CHR12:740193	SSF x LoA	-11,014	-0,062	0,282
CHR12	740300	CHR12:740300	SSF x LoA	-6,823	0,048	0,298
CHR12	740303	CHR12:740303	SSF x LoA	-9,122	-0,120	0,288
CHR12	740369	CHR12:740369	SSF x LoA	-8,987	-0,084	0,285
CHR12	7405710	CHR12:7405710	SSF x LoA	-5,287	0,131	0,313
CHR12	7405724	CHR12:7405724	SSF x LoA	-5,603	-0,183	0,289
CHR12	7405814	CHR12:7405814	SSF x LoA	-7,321	0,025	0,289
CHR12	7405857	CHR12:7405857	SSF x LoA	-9,834	-0,022	0,301
CHR12	7405873	CHR12:7405873	SSF x LoA	-5,911	0,205	0,287
CHR12	7405892	CHR12:7405892	SSF x LoA	-10,756	-0,034	0,296
CHR12	7405996	CHR12:7405996	SSF x LoA	-9,402	-0,055	0,279
CHR12	7406018	CHR12:7406018	SSF x LoA	-9,290	0,031	0,273
CHR12	7408832	CHR12:7408832	SSF x LoA	-4,785	0,145	0,299
CHR12	7408857	CHR12:7408857	SSF x LoA	-10,210	0,037	0,302
CHR12	7410718	CHR12:7410718	SSF x LoA	-9,558	0,043	0,278
CHR12	7424799	CHR12:7424799	SSF x LoA	-9,721	-0,042	0,284
CHR12	7424889	CHR12:7424889	SSF x LoA	-8,411	0,102	0,281
CHR12	7436650	CHR12:7436650	SSF x LoA	-8,856	-0,009	0,300
CHR12	7436766	CHR12:7436766	SSF x LoA	-8,453	-0,060	0,288
CHR12	7436781	CHR12:7436781	SSF x LoA	-8,988	-0,020	0,303
CHR12	7436793	CHR12:7436793	SSF x LoA	-11,087	-0,060	0,293
CHR12	7440264	CHR12:7440264	SSF x LoA	-10,639	0,011	0,282
CHR12	7440502	CHR12:7440502	SSF x LoA	-8,773	0,028	0,296
CHR12	7463053	CHR12:7463053	SSF x LoA	-9,721	-0,097	0,295
CHR12	7463117	CHR12:7463117	SSF x LoA	-9,313	-0,049	0,294
CHR12	7463834	CHR12:7463834	SSF x LoA	-8,598	-0,058	0,286
CHR12	7463912	CHR12:7463912	SSF x LoA	-8,911	-0,029	0,292
CHR12	7472243	CHR12:7472243	SSF x LoA	-9,299	0,064	0,282
CHR12	7472244	CHR12:7472244	SSF x LoA	-5,624	0,007	0,295
CHR12	7472265	CHR12:7472265	SSF x LoA	-10,091	-0,052	0,290
CHR12	7472277	CHR12:7472277	SSF x LoA	-9,079	0,051	0,291
CHR12	7472367	CHR12:7472367	SSF x LoA	-6,607	0,138	0,301
CHR12	7472417	CHR12:7472417	SSF x LoA	-8,306	-0,014	0,280
CHR12	7472428	CHR12:7472428	SSF x LoA	-10,807	0,020	0,286
CHR12	7486856	CHR12:7486856	SSF x LoA	-7,981	0,025	0,283
CHR12	7488201	CHR12:7488201	SSF x LoA	-5,180	-0,164	0,272
CHR12	7504374	CHR12:7504374	SSF x LoA	-6,736	0,155	0,288
CHR12	7504387	CHR12:7504387	SSF x LoA	-8,804	0,006	0,300

CHR12	7504428	CHR12:7504428	SSF x LoA	-9,688	-0,114	0,272
CHR12	7504499	CHR12:7504499	SSF x LoA	-5,199	0,127	0,277
CHR12	7515605	CHR12:7515605	SSF x LoA	-9,790	-0,010	0,283
CHR12	7531031	CHR12:7531031	SSF x LoA	1,998	-0,144	0,295
CHR12	7531152	CHR12:7531152	SSF x LoA	-6,735	0,034	0,292
CHR12	7531299	CHR12:7531299	SSF x LoA	-10,096	0,039	0,292
CHR12	7535315	CHR12:7535315	SSF x LoA	-9,345	0,101	0,272
CHR12	7538271	CHR12:7538271	SSF x LoA	-11,133	0,051	0,291
CHR12	7538285	CHR12:7538285	SSF x LoA	-8,482	-0,088	0,298
CHR12	7541005	CHR12:7541005	SSF x LoA	-7,954	-0,066	0,289
CHR12	7541023	CHR12:7541023	SSF x LoA	-8,867	0,042	0,296
CHR12	7541060	CHR12:7541060	SSF x LoA	-7,894	0,017	0,302
CHR12	7541068	CHR12:7541068	SSF x LoA	-8,269	0,048	0,308
CHR12	7541172	CHR12:7541172	SSF x LoA	-6,166	-0,174	0,281
CHR12	7541198	CHR12:7541198	SSF x LoA	-8,645	0,120	0,285
CHR12	7541204	CHR12:7541204	SSF x LoA	-3,958	0,142	0,294
CHR12	7565043	CHR12:7565043	SSF x LoA	-9,512	-0,083	0,271
CHR12	7565047	CHR12:7565047	SSF x LoA	-7,797	-0,056	0,292
CHR12	7565068	CHR12:7565068	SSF x LoA	-10,419	-0,065	0,296
CHR12	7565139	CHR12:7565139	SSF x LoA	7,103	-0,108	0,296
CHR12	7565147	CHR12:7565147	SSF x LoA	-9,924	-0,005	0,296
CHR12	7565285	CHR12:7565285	SSF x LoA	-10,468	0,086	0,283
CHR12	7565300	CHR12:7565300	SSF x LoA	-8,320	0,019	0,291
CHR12	7565416	CHR12:7565416	SSF x LoA	-10,996	0,013	0,291
CHR12	7581962	CHR12:7581962	SSF x LoA	-10,150	-0,078	0,286
CHR12	7597215	CHR12:7597215	SSF x LoA	-7,247	-0,096	0,310
CHR12	7597276	CHR12:7597276	SSF x LoA	-9,674	0,010	0,298
CHR12	7597294	CHR12:7597294	SSF x LoA	-9,338	-0,086	0,295
CHR12	7597364	CHR12:7597364	SSF x LoA	-11,139	-0,021	0,278
CHR12	7597407	CHR12:7597407	SSF x LoA	-8,041	0,050	0,285
CHR12	7602800	CHR12:7602800	SSF x LoA	-11,131	-0,014	0,286
CHR12	7602815	CHR12:7602815	SSF x LoA	-9,398	0,027	0,292
CHR12	7603071	CHR12:7603071	SSF x LoA	-7,830	0,011	0,291
CHR12	7603078	CHR12:7603078	SSF x LoA	-8,124	-0,014	0,292
CHR12	7603079	CHR12:7603079	SSF x LoA	-8,872	0,006	0,304
CHR12	7603082	CHR12:7603082	SSF x LoA	-8,827	0,018	0,287
CHR12	7603102	CHR12:7603102	SSF x LoA	-9,996	-0,070	0,280
CHR12	7612846	CHR12:7612846	SSF x LoA	-6,042	0,136	0,287
CHR12	7612914	CHR12:7612914	SSF x LoA	-6,065	0,135	0,292
CHR12	7612968	CHR12:7612968	SSF x LoA	-7,001	0,117	0,303
CHR12	7613090	CHR12:7613090	SSF x LoA	-7,368	-0,084	0,286
CHR12	764696	CHR12:764696	SSF x LoA	-7,031	0,087	0,296
CHR12	764928	CHR12:764928	SSF x LoA	-9,701	-0,050	0,290
CHR12	764998	CHR12:764998	SSF x LoA	-7,672	-0,060	0,282
CHR12	7658613	CHR12:7658613	SSF x LoA	-9,258	-0,055	0,296
CHR12	7658663	CHR12:7658663	SSF x LoA	-2,426	0,230	0,291
CHR12	7660177	CHR12:7660177	SSF x LoA	-10,411	0,005	0,280
CHR12	7660201	CHR12:7660201	SSF x LoA	-10,791	-0,064	0,289
CHR12	7660208	CHR12:7660208	SSF x LoA	-7,949	-0,109	0,290
CHR12	7660211	CHR12:7660211	SSF x LoA	-6,971	-0,134	0,279
CHR12	7660247	CHR12:7660247	SSF x LoA	-8,917	-0,062	0,275
CHR12	7660252	CHR12:7660252	SSF x LoA	-7,435	-0,081	0,298
CHR12	7660253	CHR12:7660253	SSF x LoA	-7,629	-0,096	0,283

CHR12	7660259	CHR12:7660259	SSF x LoA	-9,107	-0,042	0,296
CHR12	7660296	CHR12:7660296	SSF x LoA	-9,488	-0,066	0,291
CHR12	7660382	CHR12:7660382	SSF x LoA	-7,911	0,101	0,281
CHR12	7660408	CHR12:7660408	SSF x LoA	-7,303	-0,118	0,291
CHR12	7660510	CHR12:7660510	SSF x LoA	-9,130	-0,042	0,292
CHR12	7671305	CHR12:7671305	SSF x LoA	-11,473	-0,028	0,285
CHR12	7671485	CHR12:7671485	SSF x LoA	-8,675	-0,138	0,285
CHR12	7671502	CHR12:7671502	SSF x LoA	-8,879	-0,146	0,281
CHR12	7675912	CHR12:7675912	SSF x LoA	-9,335	-0,122	0,273
CHR12	7675960	CHR12:7675960	SSF x LoA	-11,661	-0,016	0,287
CHR12	7680470	CHR12:7680470	SSF x LoA	-8,097	0,044	0,291
CHR12	7680483	CHR12:7680483	SSF x LoA	-8,297	0,003	0,303
CHR12	7680507	CHR12:7680507	SSF x LoA	-11,242	-0,026	0,288
CHR12	7680540	CHR12:7680540	SSF x LoA	-7,071	0,061	0,296
CHR12	7680553	CHR12:7680553	SSF x LoA	-7,910	-0,004	0,298
CHR12	7691258	CHR12:7691258	SSF x LoA	-8,520	0,021	0,279
CHR12	7700740	CHR12:7700740	SSF x LoA	-8,400	-0,010	0,285
CHR12	7700753	CHR12:7700753	SSF x LoA	-10,076	0,094	0,269
CHR12	7721970	CHR12:7721970	SSF x LoA	-8,266	-0,116	0,286
CHR12	7722082	CHR12:7722082	SSF x LoA	-0,703	-0,055	0,294
CHR12	7722136	CHR12:7722136	SSF x LoA	-9,579	0,070	0,300
CHR12	7722161	CHR12:7722161	SSF x LoA	-10,460	-0,001	0,296
CHR12	7733206	CHR12:7733206	SSF x LoA	-5,764	-0,165	0,266
CHR12	7733246	CHR12:7733246	SSF x LoA	-6,439	0,086	0,291
CHR12	7733587	CHR12:7733587	SSF x LoA	-6,180	0,114	0,289
CHR12	7733593	CHR12:7733593	SSF x LoA	-6,655	0,085	0,285
CHR12	7733601	CHR12:7733601	SSF x LoA	-8,468	0,087	0,277
CHR12	7733647	CHR12:7733647	SSF x LoA	-6,268	-0,071	0,296
CHR12	7733653	CHR12:7733653	SSF x LoA	-7,601	-0,096	0,278
CHR12	7733674	CHR12:7733674	SSF x LoA	-6,850	-0,080	0,277
CHR12	7733703	CHR12:7733703	SSF x LoA	-8,696	-0,020	0,283
CHR12	7733705	CHR12:7733705	SSF x LoA	-9,232	-0,010	0,293
CHR12	7744813	CHR12:7744813	SSF x LoA	-8,112	-0,026	0,290
CHR12	7744933	CHR12:7744933	SSF x LoA	-10,410	-0,108	0,286
CHR12	7788801	CHR12:7788801	SSF x LoA	-8,093	-0,121	0,277
CHR12	7788806	CHR12:7788806	SSF x LoA	-6,792	-0,111	0,285
CHR12	7788842	CHR12:7788842	SSF x LoA	-7,195	0,117	0,273
CHR12	7805105	CHR12:7805105	SSF x LoA	-8,507	0,043	0,287
CHR12	7805111	CHR12:7805111	SSF x LoA	-9,817	-0,020	0,275
CHR12	7805181	CHR12:7805181	SSF x LoA	-9,526	-0,115	0,286
CHR12	7814429	CHR12:7814429	SSF x LoA	-10,486	-0,057	0,292
CHR12	7814489	CHR12:7814489	SSF x LoA	-10,351	0,062	0,286
CHR12	7814518	CHR12:7814518	SSF x LoA	-8,743	0,030	0,296
CHR12	7819938	CHR12:7819938	SSF x LoA	-9,466	-0,013	0,283
CHR12	7820120	CHR12:7820120	SSF x LoA	-6,422	-0,083	0,281
CHR12	7833802	CHR12:7833802	SSF x LoA	-8,643	-0,102	0,286
CHR12	7833856	CHR12:7833856	SSF x LoA	-7,951	-0,071	0,286
CHR12	7846486	CHR12:7846486	SSF x LoA	-5,486	0,101	0,290
CHR12	7846520	CHR12:7846520	SSF x LoA	-10,722	-0,002	0,280
CHR12	7846525	CHR12:7846525	SSF x LoA	-9,071	-0,029	0,296
CHR12	7846533	CHR12:7846533	SSF x LoA	-10,048	0,009	0,290
CHR12	7850523	CHR12:7850523	SSF x LoA	5,147	0,169	0,291
CHR12	7858603	CHR12:7858603	SSF x LoA	-8,936	-0,036	0,293

CHR12	7858863	CHR12:7858863	SSF x LoA	-9,221	0,103	0,295
CHR12	7860935	CHR12:7860935	SSF x LoA	-7,050	-0,118	0,284
CHR12	7861083	CHR12:7861083	SSF x LoA	-11,490	0,017	0,291
CHR12	7861190	CHR12:7861190	SSF x LoA	-9,813	-0,013	0,287
CHR12	7861304	CHR12:7861304	SSF x LoA	-2,122	-0,093	0,291
CHR12	7865634	CHR12:7865634	SSF x LoA	-7,680	0,077	0,287
CHR12	7865762	CHR12:7865762	SSF x LoA	1,274	-0,063	0,282
CHR12	7865772	CHR12:7865772	SSF x LoA	-5,907	-0,082	0,289
CHR12	7865925	CHR12:7865925	SSF x LoA	-10,319	-0,060	0,292
CHR12	7870919	CHR12:7870919	SSF x LoA	-7,688	-0,033	0,286
CHR12	7878164	CHR12:7878164	SSF x LoA	-9,573	0,048	0,292
CHR12	7878182	CHR12:7878182	SSF x LoA	-8,406	0,083	0,285
CHR12	7878204	CHR12:7878204	SSF x LoA	-7,985	0,051	0,296
CHR12	7878281	CHR12:7878281	SSF x LoA	-8,034	-0,025	0,303
CHR12	7888709	CHR12:7888709	SSF x LoA	-9,189	0,043	0,301
CHR12	7888745	CHR12:7888745	SSF x LoA	-9,298	-0,072	0,293
CHR12	7888765	CHR12:7888765	SSF x LoA	-9,184	0,020	0,294
CHR12	7888849	CHR12:7888849	SSF x LoA	-9,448	0,061	0,294
CHR12	7888865	CHR12:7888865	SSF x LoA	-9,878	0,042	0,301
CHR12	7888957	CHR12:7888957	SSF x LoA	-9,291	-0,019	0,284
CHR12	7888960	CHR12:7888960	SSF x LoA	-10,939	-0,014	0,291
CHR12	7888963	CHR12:7888963	SSF x LoA	-10,274	-0,004	0,275
CHR12	7888998	CHR12:7888998	SSF x LoA	-9,830	-0,113	0,287
CHR12	7889020	CHR12:7889020	SSF x LoA	-8,711	0,077	0,287
CHR12	7889032	CHR12:7889032	SSF x LoA	-10,084	0,026	0,284
CHR12	7889715	CHR12:7889715	SSF x LoA	-8,680	-0,042	0,287
CHR12	7889734	CHR12:7889734	SSF x LoA	-9,601	-0,013	0,298
CHR12	7891920	CHR12:7891920	SSF x LoA	-9,476	-0,046	0,297
CHR12	7891978	CHR12:7891978	SSF x LoA	-6,991	-0,079	0,290
CHR12	7891980	CHR12:7891980	SSF x LoA	-9,301	0,119	0,284
CHR12	7892029	CHR12:7892029	SSF x LoA	-7,411	-0,070	0,298
CHR12	7894425	CHR12:7894425	SSF x LoA	-8,428	-0,110	0,282
CHR12	7894960	CHR12:7894960	SSF x LoA	-9,462	0,019	0,295
CHR12	7895295	CHR12:7895295	SSF x LoA	-7,773	-0,087	0,290
CHR12	7895298	CHR12:7895298	SSF x LoA	-7,792	0,029	0,294
CHR12	7895374	CHR12:7895374	SSF x LoA	-10,286	-0,106	0,288
CHR12	7895397	CHR12:7895397	SSF x LoA	-9,046	-0,137	0,292
CHR12	7924656	CHR12:7924656	SSF x LoA	-6,170	0,179	0,297
CHR12	7924715	CHR12:7924715	SSF x LoA	-9,399	-0,100	0,298
CHR12	7935951	CHR12:7935951	SSF x LoA	-9,384	0,031	0,281
CHR12	7942993	CHR12:7942993	SSF x LoA	-7,403	-0,136	0,284
CHR12	7943004	CHR12:7943004	SSF x LoA	-7,423	0,096	0,299
CHR12	7943137	CHR12:7943137	SSF x LoA	-7,598	0,074	0,285
CHR12	7943158	CHR12:7943158	SSF x LoA	-8,545	0,057	0,308
CHR12	7943214	CHR12:7943214	SSF x LoA	-8,105	-0,017	0,293
CHR12	7951046	CHR12:7951046	SSF x LoA	-7,353	0,084	0,281
CHR12	7951220	CHR12:7951220	SSF x LoA	-5,702	0,002	0,297
CHR12	7951299	CHR12:7951299	SSF x LoA	-8,550	-0,001	0,268
CHR12	7955341	CHR12:7955341	SSF x LoA	-9,035	-0,118	0,268
CHR12	7955463	CHR12:7955463	SSF x LoA	-10,468	0,022	0,309
CHR12	7955467	CHR12:7955467	SSF x LoA	-5,706	0,142	0,284
CHR12	7955493	CHR12:7955493	SSF x LoA	-10,362	0,050	0,292
CHR12	7955501	CHR12:7955501	SSF x LoA	-8,168	-0,084	0,281

CHR12	7955527	CHR12:7955527	SSF x LoA	-6,855	-0,135	0,272
CHR12	7955587	CHR12:7955587	SSF x LoA	-7,592	-0,177	0,277
CHR12	7955724	CHR12:7955724	SSF x LoA	-8,155	-0,066	0,287
CHR12	7957156	CHR12:7957156	SSF x LoA	-9,153	0,007	0,296
CHR12	7976029	CHR12:7976029	SSF x LoA	-0,514	-0,111	0,300
CHR12	7981491	CHR12:7981491	SSF x LoA	-11,277	-0,044	0,291
CHR12	7984020	CHR12:7984020	SSF x LoA	-5,163	-0,098	0,280
CHR12	7984094	CHR12:7984094	SSF x LoA	-7,224	-0,133	0,273
CHR12	7984106	CHR12:7984106	SSF x LoA	-9,339	-0,103	0,268
CHR12	7984141	CHR12:7984141	SSF x LoA	-9,250	-0,065	0,279
CHR12	7984167	CHR12:7984167	SSF x LoA	-7,937	-0,090	0,287
CHR12	801521	CHR12:801521	SSF x LoA	-10,701	0,037	0,289
CHR12	801552	CHR12:801552	SSF x LoA	-7,692	0,014	0,304
CHR12	801571	CHR12:801571	SSF x LoA	-7,460	-0,123	0,281
CHR12	801586	CHR12:801586	SSF x LoA	-8,664	-0,017	0,303
CHR12	801789	CHR12:801789	SSF x LoA	-6,305	0,152	0,283
CHR12	805582	CHR12:805582	SSF x LoA	-6,609	-0,139	0,286
CHR12	8115406	CHR12:8115406	SSF x LoA	-9,500	-0,049	0,304
CHR12	8115460	CHR12:8115460	SSF x LoA	-11,709	-0,077	0,289
CHR12	8121267	CHR12:8121267	SSF x LoA	-6,709	0,088	0,301
CHR12	8121312	CHR12:8121312	SSF x LoA	-10,436	-0,044	0,291
CHR12	8121477	CHR12:8121477	SSF x LoA	-10,358	0,058	0,303
CHR12	8123608	CHR12:8123608	SSF x LoA	-10,950	-0,023	0,295
CHR12	8125871	CHR12:8125871	SSF x LoA	-10,173	-0,093	0,291
CHR12	8130197	CHR12:8130197	SSF x LoA	-6,311	-0,021	0,298
CHR12	8130299	CHR12:8130299	SSF x LoA	-8,256	-0,001	0,289
CHR12	8131605	CHR12:8131605	SSF x LoA	-5,604	0,067	0,309
CHR12	8131747	CHR12:8131747	SSF x LoA	-9,609	-0,065	0,293
CHR12	8143526	CHR12:8143526	SSF x LoA	-8,152	0,112	0,255
CHR12	8193052	CHR12:8193052	SSF x LoA	-9,262	0,028	0,289
CHR12	8193110	CHR12:8193110	SSF x LoA	-9,109	-0,041	0,302
CHR12	8193378	CHR12:8193378	SSF x LoA	-8,721	0,017	0,293
CHR12	8193397	CHR12:8193397	SSF x LoA	-6,174	0,010	0,288
CHR12	8193431	CHR12:8193431	SSF x LoA	-7,826	0,104	0,302
CHR12	8193455	CHR12:8193455	SSF x LoA	-8,801	-0,083	0,291
CHR12	8193495	CHR12:8193495	SSF x LoA	-8,398	0,032	0,293
CHR12	8207514	CHR12:8207514	SSF x LoA	-5,641	0,137	0,286
CHR12	8207517	CHR12:8207517	SSF x LoA	-5,489	0,128	0,282
CHR12	8207582	CHR12:8207582	SSF x LoA	-8,652	-0,085	0,284
CHR12	8218698	CHR12:8218698	SSF x LoA	-7,152	-0,083	0,298
CHR12	8218794	CHR12:8218794	SSF x LoA	-9,773	0,113	0,281
CHR12	8218796	CHR12:8218796	SSF x LoA	-7,354	0,104	0,291
CHR12	8218852	CHR12:8218852	SSF x LoA	-8,831	0,045	0,280
CHR12	8218871	CHR12:8218871	SSF x LoA	-8,695	0,048	0,277
CHR12	8263242	CHR12:8263242	SSF x LoA	-7,586	0,104	0,279
CHR12	8263261	CHR12:8263261	SSF x LoA	-10,555	-0,014	0,286
CHR12	8273128	CHR12:8273128	SSF x LoA	-6,414	0,196	0,285
CHR12	8273131	CHR12:8273131	SSF x LoA	-7,640	-0,110	0,267
CHR12	8273166	CHR12:8273166	SSF x LoA	-8,659	0,185	0,288
CHR12	8273170	CHR12:8273170	SSF x LoA	-2,215	-0,121	0,265
CHR12	8273190	CHR12:8273190	SSF x LoA	-8,260	-0,016	0,282
CHR12	8273237	CHR12:8273237	SSF x LoA	-6,900	0,006	0,292
CHR12	8273244	CHR12:8273244	SSF x LoA	-9,208	-0,096	0,274

CHR12	8273257	CHR12:8273257	SSF x LoA	-10,186	-0,096	0,286
CHR12	8273276	CHR12:8273276	SSF x LoA	-11,241	-0,016	0,285
CHR12	8273299	CHR12:8273299	SSF x LoA	-7,573	0,122	0,284
CHR12	8273332	CHR12:8273332	SSF x LoA	-9,529	0,070	0,296
CHR12	8273333	CHR12:8273333	SSF x LoA	-8,812	0,072	0,290
CHR12	8281310	CHR12:8281310	SSF x LoA	-6,729	-0,100	0,298
CHR12	8282645	CHR12:8282645	SSF x LoA	-7,085	0,042	0,304
CHR12	8282646	CHR12:8282646	SSF x LoA	-2,591	-0,216	0,289
CHR12	8285710	CHR12:8285710	SSF x LoA	-8,685	0,088	0,268
CHR12	8285741	CHR12:8285741	SSF x LoA	-8,723	0,110	0,282
CHR12	8298878	CHR12:8298878	SSF x LoA	-8,322	-0,007	0,278
CHR12	8298879	CHR12:8298879	SSF x LoA	-8,160	-0,014	0,294
CHR12	8298881	CHR12:8298881	SSF x LoA	-8,188	0,041	0,280
CHR12	8298901	CHR12:8298901	SSF x LoA	-9,072	0,112	0,288
CHR12	8298966	CHR12:8298966	SSF x LoA	-9,750	-0,020	0,296
CHR12	8298995	CHR12:8298995	SSF x LoA	-7,074	0,065	0,283
CHR12	8299037	CHR12:8299037	SSF x LoA	-5,906	-0,140	0,297
CHR12	8299040	CHR12:8299040	SSF x LoA	-8,629	0,115	0,291
CHR12	8299044	CHR12:8299044	SSF x LoA	-9,225	0,052	0,282
CHR12	8299047	CHR12:8299047	SSF x LoA	-7,403	-0,129	0,302
CHR12	8299943	CHR12:8299943	SSF x LoA	-9,340	0,079	0,281
CHR12	8300146	CHR12:8300146	SSF x LoA	-6,112	-0,077	0,292
CHR12	8305619	CHR12:8305619	SSF x LoA	-10,239	-0,012	0,303
CHR12	8305772	CHR12:8305772	SSF x LoA	-7,432	0,102	0,288
CHR12	8305788	CHR12:8305788	SSF x LoA	-6,494	0,088	0,306
CHR12	8312982	CHR12:8312982	SSF x LoA	-5,004	-0,101	0,299
CHR12	8313034	CHR12:8313034	SSF x LoA	-4,697	0,166	0,286
CHR12	8313061	CHR12:8313061	SSF x LoA	-8,086	-0,103	0,306
CHR12	8313075	CHR12:8313075	SSF x LoA	-10,655	0,015	0,283
CHR12	8313111	CHR12:8313111	SSF x LoA	-9,762	-0,175	0,287
CHR12	8313113	CHR12:8313113	SSF x LoA	-5,423	-0,129	0,277
CHR12	8313258	CHR12:8313258	SSF x LoA	-5,574	-0,178	0,282
CHR12	8313337	CHR12:8313337	SSF x LoA	-9,590	0,013	0,288
CHR12	8320500	CHR12:8320500	SSF x LoA	-10,533	0,083	0,280
CHR12	8320623	CHR12:8320623	SSF x LoA	-6,188	0,028	0,294
CHR12	8328549	CHR12:8328549	SSF x LoA	-9,135	0,048	0,260
CHR12	8328550	CHR12:8328550	SSF x LoA	-7,224	0,109	0,289
CHR12	8328600	CHR12:8328600	SSF x LoA	-9,568	0,092	0,299
CHR12	8328624	CHR12:8328624	SSF x LoA	-9,396	-0,028	0,280
CHR12	8328634	CHR12:8328634	SSF x LoA	2,399	-0,103	0,289
CHR12	8328636	CHR12:8328636	SSF x LoA	-9,582	-0,090	0,284
CHR12	8328726	CHR12:8328726	SSF x LoA	-6,865	0,199	0,278
CHR12	8348421	CHR12:8348421	SSF x LoA	-7,508	0,147	0,272
CHR12	8378386	CHR12:8378386	SSF x LoA	-8,112	-0,026	0,279
CHR12	8378462	CHR12:8378462	SSF x LoA	-10,016	0,026	0,298
CHR12	8378526	CHR12:8378526	SSF x LoA	-8,391	-0,013	0,300
CHR12	8378599	CHR12:8378599	SSF x LoA	-9,909	-0,072	0,294
CHR12	8381390	CHR12:8381390	SSF x LoA	-11,121	0,069	0,291
CHR12	8381657	CHR12:8381657	SSF x LoA	-8,682	-0,021	0,285
CHR12	838546	CHR12:838546	SSF x LoA	-10,764	-0,021	0,291
CHR12	838550	CHR12:838550	SSF x LoA	-10,652	-0,014	0,283
CHR12	838571	CHR12:838571	SSF x LoA	-11,161	0,068	0,272
CHR12	8388737	CHR12:8388737	SSF x LoA	-8,329	0,005	0,299

CHR12	8397209	CHR12:8397209	SSF x LoA	-7,015	0,014	0,294
CHR12	8397238	CHR12:8397238	SSF x LoA	-8,646	-0,035	0,303
CHR12	8397290	CHR12:8397290	SSF x LoA	-7,436	-0,105	0,288
CHR12	8409297	CHR12:8409297	SSF x LoA	-8,786	0,148	0,287
CHR12	8409311	CHR12:8409311	SSF x LoA	-9,619	-0,007	0,298
CHR12	8409541	CHR12:8409541	SSF x LoA	-7,784	0,148	0,296
CHR12	8409572	CHR12:8409572	SSF x LoA	-9,011	0,012	0,259
CHR12	8409619	CHR12:8409619	SSF x LoA	-6,475	0,092	0,285
CHR12	8409644	CHR12:8409644	SSF x LoA	-8,498	-0,108	0,272
CHR12	8409650	CHR12:8409650	SSF x LoA	-8,310	-0,083	0,286
CHR12	8412870	CHR12:8412870	SSF x LoA	-7,779	-0,073	0,289
CHR12	8412903	CHR12:8412903	SSF x LoA	-8,846	-0,056	0,293
CHR12	8412981	CHR12:8412981	SSF x LoA	-0,900	0,124	0,282
CHR12	8413165	CHR12:8413165	SSF x LoA	-10,011	-0,042	0,283
CHR12	8422136	CHR12:8422136	SSF x LoA	-8,055	0,059	0,281
CHR12	8422150	CHR12:8422150	SSF x LoA	-7,579	-0,116	0,283
CHR12	8422159	CHR12:8422159	SSF x LoA	-10,380	-0,040	0,289
CHR12	8422211	CHR12:8422211	SSF x LoA	-9,091	-0,055	0,292
CHR12	8422225	CHR12:8422225	SSF x LoA	-8,465	0,088	0,276
CHR12	8422249	CHR12:8422249	SSF x LoA	-7,374	-0,011	0,284
CHR12	8422968	CHR12:8422968	SSF x LoA	-5,555	-0,174	0,278
CHR12	8423031	CHR12:8423031	SSF x LoA	-7,797	0,006	0,292
CHR12	8423051	CHR12:8423051	SSF x LoA	-9,481	0,049	0,301
CHR12	8431813	CHR12:8431813	SSF x LoA	-8,051	-0,150	0,283
CHR12	8438138	CHR12:8438138	SSF x LoA	-7,352	-0,044	0,293
CHR12	84432	CHR12:84432	SSF x LoA	-2,743	-0,135	0,287
CHR12	84504	CHR12:84504	SSF x LoA	-8,936	-0,087	0,304
CHR12	8457869	CHR12:8457869	SSF x LoA	-7,798	-0,023	0,289
CHR12	8457951	CHR12:8457951	SSF x LoA	0,731	-0,289	0,246
CHR12	8457982	CHR12:8457982	SSF x LoA	-6,917	-0,058	0,303
CHR12	8458003	CHR12:8458003	SSF x LoA	-11,024	0,055	0,285
CHR12	8458039	CHR12:8458039	SSF x LoA	-10,488	-0,056	0,294
CHR12	8458050	CHR12:8458050	SSF x LoA	0,588	0,263	0,259
CHR12	8458118	CHR12:8458118	SSF x LoA	-9,555	0,157	0,290
CHR12	8458142	CHR12:8458142	SSF x LoA	-9,721	0,170	0,279
CHR12	8458207	CHR12:8458207	SSF x LoA	-6,853	0,139	0,287
CHR12	8458289	CHR12:8458289	SSF x LoA	-10,877	-0,016	0,279
CHR12	8472843	CHR12:8472843	SSF x LoA	-8,210	0,065	0,292
CHR12	8473203	CHR12:8473203	SSF x LoA	-7,560	-0,053	0,278
CHR12	8476154	CHR12:8476154	SSF x LoA	-7,864	0,018	0,294
CHR12	8476157	CHR12:8476157	SSF x LoA	-7,616	0,115	0,288
CHR12	847805	CHR12:847805	SSF x LoA	-6,750	-0,001	0,279
CHR12	847971	CHR12:847971	SSF x LoA	-10,547	0,041	0,290
CHR12	8485834	CHR12:8485834	SSF x LoA	-10,305	-0,016	0,282
CHR12	8486044	CHR12:8486044	SSF x LoA	-8,131	-0,049	0,291
CHR12	8486045	CHR12:8486045	SSF x LoA	-4,163	-0,199	0,283
CHR12	8486049	CHR12:8486049	SSF x LoA	-0,670	-0,225	0,263
CHR12	8491528	CHR12:8491528	SSF x LoA	-11,393	-0,091	0,279
CHR12	8491603	CHR12:8491603	SSF x LoA	-9,598	-0,122	0,285
CHR12	8513816	CHR12:8513816	SSF x LoA	-9,601	-0,077	0,285
CHR12	8523194	CHR12:8523194	SSF x LoA	-8,554	-0,036	0,286
CHR12	8531062	CHR12:8531062	SSF x LoA	-5,959	-0,146	0,293
CHR12	8555023	CHR12:8555023	SSF x LoA	-10,518	0,025	0,292

CHR12	8582268	CHR12:8582268	SSF x LoA	-9,291	-0,010	0,295
CHR12	8582275	CHR12:8582275	SSF x LoA	-9,827	-0,061	0,285
CHR12	8582277	CHR12:8582277	SSF x LoA	-10,322	-0,043	0,293
CHR12	8582288	CHR12:8582288	SSF x LoA	-6,574	-0,140	0,284
CHR12	8582448	CHR12:8582448	SSF x LoA	-6,851	0,113	0,296
CHR12	859393	CHR12:859393	SSF x LoA	-9,884	-0,125	0,283
CHR12	859462	CHR12:859462	SSF x LoA	-9,594	-0,087	0,292
CHR12	859471	CHR12:859471	SSF x LoA	-9,837	-0,092	0,285
CHR12	859538	CHR12:859538	SSF x LoA	-7,968	-0,042	0,292
CHR12	8603722	CHR12:8603722	SSF x LoA	-8,817	-0,068	0,285
CHR12	8603740	CHR12:8603740	SSF x LoA	-7,809	0,061	0,295
CHR12	8603741	CHR12:8603741	SSF x LoA	-8,157	-0,009	0,292
CHR12	8607958	CHR12:8607958	SSF x LoA	-6,966	-0,103	0,287
CHR12	8608252	CHR12:8608252	SSF x LoA	-9,694	0,022	0,296
CHR12	8648025	CHR12:8648025	SSF x LoA	-8,889	-0,115	0,288
CHR12	86599	CHR12:86599	SSF x LoA	-0,475	-0,225	0,251
CHR12	8663403	CHR12:8663403	SSF x LoA	-11,042	0,076	0,284
CHR12	8696123	CHR12:8696123	SSF x LoA	-8,926	-0,004	0,290
CHR12	8696131	CHR12:8696131	SSF x LoA	-9,772	-0,088	0,275
CHR12	8740637	CHR12:8740637	SSF x LoA	-7,658	-0,033	0,306
CHR12	874551	CHR12:874551	SSF x LoA	-7,239	-0,132	0,278
CHR12	8766678	CHR12:8766678	SSF x LoA	-6,712	0,094	0,294
CHR12	8781087	CHR12:8781087	SSF x LoA	-3,171	-0,173	0,292
CHR12	8803358	CHR12:8803358	SSF x LoA	-10,441	0,008	0,296
CHR12	8808954	CHR12:8808954	SSF x LoA	-8,751	-0,027	0,292
CHR12	8808978	CHR12:8808978	SSF x LoA	-10,764	-0,010	0,284
CHR12	8809005	CHR12:8809005	SSF x LoA	-9,271	0,030	0,281
CHR12	8820143	CHR12:8820143	SSF x LoA	-10,671	0,038	0,294
CHR12	882252	CHR12:882252	SSF x LoA	-9,011	0,023	0,269
CHR12	8826983	CHR12:8826983	SSF x LoA	-8,978	0,005	0,277
CHR12	8827200	CHR12:8827200	SSF x LoA	-11,135	-0,035	0,291
CHR12	8827236	CHR12:8827236	SSF x LoA	-8,150	0,054	0,290
CHR12	8827237	CHR12:8827237	SSF x LoA	-8,146	0,032	0,293
CHR12	8830290	CHR12:8830290	SSF x LoA	-9,244	-0,024	0,293
CHR12	8830398	CHR12:8830398	SSF x LoA	-9,365	0,145	0,272
CHR12	883452	CHR12:883452	SSF x LoA	-3,718	0,077	0,260
CHR12	884959	CHR12:884959	SSF x LoA	-5,100	-0,034	0,282
CHR12	8849843	CHR12:8849843	SSF x LoA	-8,313	0,005	0,255
CHR12	8850157	CHR12:8850157	SSF x LoA	-7,671	-0,043	0,293
CHR12	8850180	CHR12:8850180	SSF x LoA	-10,393	0,019	0,280
CHR12	8850215	CHR12:8850215	SSF x LoA	-7,536	-0,105	0,285
CHR12	8850251	CHR12:8850251	SSF x LoA	-9,414	-0,090	0,285
CHR12	8852355	CHR12:8852355	SSF x LoA	-10,755	0,063	0,270
CHR12	8852441	CHR12:8852441	SSF x LoA	-7,676	-0,015	0,287
CHR12	8852493	CHR12:8852493	SSF x LoA	-6,572	-0,177	0,267
CHR12	8852515	CHR12:8852515	SSF x LoA	-1,089	-0,178	0,266
CHR12	8852530	CHR12:8852530	SSF x LoA	-5,920	-0,166	0,281
CHR12	8852681	CHR12:8852681	SSF x LoA	-8,319	-0,038	0,305
CHR12	885300	CHR12:885300	SSF x LoA	-10,206	-0,019	0,300
CHR12	8865355	CHR12:8865355	SSF x LoA	-8,542	0,018	0,275
CHR12	8867827	CHR12:8867827	SSF x LoA	-7,639	0,077	0,286
CHR12	8867830	CHR12:8867830	SSF x LoA	-6,180	-0,067	0,292
CHR12	8868479	CHR12:8868479	SSF x LoA	-8,084	0,010	0,276

CHR12	8868498	CHR12:8868498	SSF x LoA	-10,074	0,071	0,279
CHR12	8868501	CHR12:8868501	SSF x LoA	-7,862	-0,023	0,287
CHR12	8879939	CHR12:8879939	SSF x LoA	-9,325	-0,059	0,289
CHR12	8880006	CHR12:8880006	SSF x LoA	-10,240	-0,054	0,297
CHR12	8880012	CHR12:8880012	SSF x LoA	-10,227	-0,017	0,270
CHR12	8880048	CHR12:8880048	SSF x LoA	-9,176	-0,038	0,279
CHR12	8891077	CHR12:8891077	SSF x LoA	-10,705	0,002	0,288
CHR12	8891080	CHR12:8891080	SSF x LoA	-10,266	-0,095	0,270
CHR12	8891180	CHR12:8891180	SSF x LoA	-7,588	0,022	0,284
CHR12	8891230	CHR12:8891230	SSF x LoA	-7,766	-0,079	0,279
CHR12	8891299	CHR12:8891299	SSF x LoA	-6,248	0,037	0,292
CHR12	8891347	CHR12:8891347	SSF x LoA	-9,079	-0,057	0,287
CHR12	8894496	CHR12:8894496	SSF x LoA	-6,860	-0,175	0,290
CHR12	8900143	CHR12:8900143	SSF x LoA	-8,505	0,078	0,284
CHR12	8939679	CHR12:8939679	SSF x LoA	-7,046	0,111	0,303
CHR12	8939681	CHR12:8939681	SSF x LoA	-9,451	-0,010	0,290
CHR12	894283	CHR12:894283	SSF x LoA	-6,810	0,066	0,288
CHR12	894331	CHR12:894331	SSF x LoA	-8,254	0,015	0,300
CHR12	8978219	CHR12:8978219	SSF x LoA	-7,464	0,031	0,298
CHR12	8978328	CHR12:8978328	SSF x LoA	-6,679	0,187	0,281
CHR12	8978370	CHR12:8978370	SSF x LoA	-10,504	-0,085	0,294
CHR12	8978467	CHR12:8978467	SSF x LoA	-8,222	0,135	0,291
CHR12	8978482	CHR12:8978482	SSF x LoA	-4,490	-0,094	0,301
CHR12	8982255	CHR12:8982255	SSF x LoA	-8,137	-0,015	0,291
CHR12	8982275	CHR12:8982275	SSF x LoA	-9,064	0,013	0,296
CHR12	8982288	CHR12:8982288	SSF x LoA	-10,883	-0,037	0,281
CHR12	8982289	CHR12:8982289	SSF x LoA	-8,410	0,043	0,295
CHR12	8982331	CHR12:8982331	SSF x LoA	-10,404	0,039	0,295
CHR12	8982346	CHR12:8982346	SSF x LoA	-5,964	0,007	0,294
CHR12	8982349	CHR12:8982349	SSF x LoA	-10,411	-0,115	0,276
CHR12	8982430	CHR12:8982430	SSF x LoA	-7,237	-0,021	0,280
CHR12	9017491	CHR12:9017491	SSF x LoA	-4,306	0,185	0,278
CHR12	9017496	CHR12:9017496	SSF x LoA	1,227	-0,208	0,276
CHR12	9017503	CHR12:9017503	SSF x LoA	-8,088	-0,014	0,287
CHR12	9017807	CHR12:9017807	SSF x LoA	-7,655	0,085	0,285
CHR12	9017812	CHR12:9017812	SSF x LoA	-10,706	0,018	0,296
CHR12	9021354	CHR12:9021354	SSF x LoA	-9,716	0,029	0,277
CHR12	9021360	CHR12:9021360	SSF x LoA	-8,988	0,036	0,287
CHR12	9021440	CHR12:9021440	SSF x LoA	-9,222	0,073	0,282
CHR12	9021446	CHR12:9021446	SSF x LoA	-5,797	0,167	0,278
CHR12	9021468	CHR12:9021468	SSF x LoA	-4,833	0,195	0,282
CHR12	9021473	CHR12:9021473	SSF x LoA	-9,403	0,093	0,286
CHR12	9021488	CHR12:9021488	SSF x LoA	-6,696	0,133	0,293
CHR12	9021532	CHR12:9021532	SSF x LoA	-9,556	-0,001	0,289
CHR12	9021588	CHR12:9021588	SSF x LoA	-4,312	0,229	0,282
CHR12	9021596	CHR12:9021596	SSF x LoA	-10,958	0,071	0,276
CHR12	902890	CHR12:902890	SSF x LoA	-5,044	0,163	0,291
CHR12	903059	CHR12:903059	SSF x LoA	-11,013	-0,046	0,297
CHR12	9036807	CHR12:9036807	SSF x LoA	-9,641	0,099	0,281
CHR12	9036824	CHR12:9036824	SSF x LoA	-6,180	-0,114	0,290
CHR12	9036999	CHR12:9036999	SSF x LoA	-10,174	-0,077	0,286
CHR12	9051294	CHR12:9051294	SSF x LoA	-5,270	0,007	0,291
CHR12	9052795	CHR12:9052795	SSF x LoA	-11,112	-0,034	0,277

CHR12	9052856	CHR12:9052856	SSF x LoA	-8,109	0,082	0,294
CHR12	9052906	CHR12:9052906	SSF x LoA	-9,024	-0,040	0,288
CHR12	9052914	CHR12:9052914	SSF x LoA	-9,263	0,095	0,291
CHR12	9053003	CHR12:9053003	SSF x LoA	-7,520	0,181	0,277
CHR12	9053074	CHR12:9053074	SSF x LoA	-5,872	0,161	0,301
CHR12	9060252	CHR12:9060252	SSF x LoA	-5,013	0,254	0,265
CHR12	9060329	CHR12:9060329	SSF x LoA	-8,267	-0,088	0,301
CHR12	9060381	CHR12:9060381	SSF x LoA	-9,111	-0,075	0,297
CHR12	9077481	CHR12:9077481	SSF x LoA	-10,213	0,038	0,280
CHR12	9077590	CHR12:9077590	SSF x LoA	-8,668	-0,028	0,294
CHR12	9077809	CHR12:9077809	SSF x LoA	-3,380	0,124	0,291
CHR12	9082643	CHR12:9082643	SSF x LoA	-7,964	0,028	0,291
CHR12	9082666	CHR12:9082666	SSF x LoA	-8,203	-0,046	0,281
CHR12	9085523	CHR12:9085523	SSF x LoA	-10,201	-0,021	0,286
CHR12	9085578	CHR12:9085578	SSF x LoA	-7,858	-0,036	0,299
CHR12	9085619	CHR12:9085619	SSF x LoA	-4,329	0,098	0,281
CHR12	9087089	CHR12:9087089	SSF x LoA	-7,447	-0,050	0,285
CHR12	9087183	CHR12:9087183	SSF x LoA	-7,367	-0,055	0,294
CHR12	9087213	CHR12:9087213	SSF x LoA	-7,633	-0,021	0,299
CHR12	9087216	CHR12:9087216	SSF x LoA	-8,231	-0,025	0,294
CHR12	9087221	CHR12:9087221	SSF x LoA	-11,624	-0,024	0,284
CHR12	9088859	CHR12:9088859	SSF x LoA	-8,074	-0,043	0,286
CHR12	9088896	CHR12:9088896	SSF x LoA	-7,730	-0,161	0,287
CHR12	9088971	CHR12:9088971	SSF x LoA	-10,597	-0,085	0,287
CHR12	9089320	CHR12:9089320	SSF x LoA	-7,863	0,081	0,305
CHR12	9091025	CHR12:9091025	SSF x LoA	-10,175	-0,077	0,274
CHR12	9091081	CHR12:9091081	SSF x LoA	-8,569	-0,122	0,269
CHR12	9091102	CHR12:9091102	SSF x LoA	-8,482	0,114	0,296
CHR12	9091180	CHR12:9091180	SSF x LoA	-7,417	-0,126	0,282
CHR12	9091196	CHR12:9091196	SSF x LoA	-8,711	0,056	0,279
CHR12	9096371	CHR12:9096371	SSF x LoA	-8,655	0,028	0,306
CHR12	9096595	CHR12:9096595	SSF x LoA	-10,311	-0,153	0,283
CHR12	9096702	CHR12:9096702	SSF x LoA	-9,846	-0,051	0,296
CHR12	9119641	CHR12:9119641	SSF x LoA	-8,169	0,103	0,278
CHR12	9119645	CHR12:9119645	SSF x LoA	-1,734	-0,147	0,277
CHR12	9119649	CHR12:9119649	SSF x LoA	-5,572	0,098	0,282
CHR12	9119661	CHR12:9119661	SSF x LoA	-8,906	0,107	0,277
CHR12	9120001	CHR12:9120001	SSF x LoA	-7,203	-0,125	0,287
CHR12	9121676	CHR12:9121676	SSF x LoA	-6,879	-0,226	0,282
CHR12	9121795	CHR12:9121795	SSF x LoA	-7,181	-0,145	0,272
CHR12	9127002	CHR12:9127002	SSF x LoA	-10,436	0,036	0,295
CHR12	9127012	CHR12:9127012	SSF x LoA	-8,516	0,078	0,293
CHR12	913200	CHR12:913200	SSF x LoA	-4,954	0,224	0,294
CHR12	9137870	CHR12:9137870	SSF x LoA	-9,904	0,043	0,293
CHR12	9137891	CHR12:9137891	SSF x LoA	-7,592	-0,113	0,293
CHR12	9140414	CHR12:9140414	SSF x LoA	-11,466	0,015	0,286
CHR12	9140464	CHR12:9140464	SSF x LoA	-7,560	-0,098	0,291
CHR12	9140473	CHR12:9140473	SSF x LoA	-7,397	-0,060	0,288
CHR12	9140530	CHR12:9140530	SSF x LoA	-8,823	-0,031	0,268
CHR12	9140627	CHR12:9140627	SSF x LoA	-8,767	-0,057	0,291
CHR12	9198581	CHR12:9198581	SSF x LoA	-8,098	-0,166	0,284
CHR12	9198629	CHR12:9198629	SSF x LoA	-9,523	0,033	0,287
CHR12	9198659	CHR12:9198659	SSF x LoA	-8,752	-0,016	0,289

CHR12	9198715	CHR12:9198715	SSF x LoA	-5,115	-0,079	0,284
CHR12	9198749	CHR12:9198749	SSF x LoA	-7,887	-0,017	0,289
CHR12	9201608	CHR12:9201608	SSF x LoA	-2,922	0,132	0,292
CHR12	9201730	CHR12:9201730	SSF x LoA	-8,248	0,012	0,298
CHR12	9201749	CHR12:9201749	SSF x LoA	-8,166	0,068	0,309
CHR12	9201812	CHR12:9201812	SSF x LoA	-11,460	-0,095	0,284
CHR12	9208452	CHR12:9208452	SSF x LoA	-5,717	0,128	0,300
CHR12	9208512	CHR12:9208512	SSF x LoA	-9,120	0,121	0,291
CHR12	9208568	CHR12:9208568	SSF x LoA	-5,205	0,153	0,280
CHR12	9216484	CHR12:9216484	SSF x LoA	-10,389	0,092	0,276
CHR12	9216501	CHR12:9216501	SSF x LoA	-9,534	-0,032	0,283
CHR12	9216555	CHR12:9216555	SSF x LoA	-8,249	0,057	0,288
CHR12	9217098	CHR12:9217098	SSF x LoA	-10,906	0,024	0,281
CHR12	9217144	CHR12:9217144	SSF x LoA	-11,040	-0,021	0,282
CHR12	9217200	CHR12:9217200	SSF x LoA	-9,423	0,033	0,289
CHR12	9217232	CHR12:9217232	SSF x LoA	-8,023	-0,125	0,278
CHR12	9227545	CHR12:9227545	SSF x LoA	-7,714	0,051	0,275
CHR12	9227609	CHR12:9227609	SSF x LoA	-8,624	-0,030	0,294
CHR12	9227782	CHR12:9227782	SSF x LoA	-8,137	0,051	0,287
CHR12	9231128	CHR12:9231128	SSF x LoA	-9,775	-0,147	0,280
CHR12	9231268	CHR12:9231268	SSF x LoA	-9,635	-0,007	0,304
CHR12	9231297	CHR12:9231297	SSF x LoA	-10,706	0,003	0,290
CHR12	9231298	CHR12:9231298	SSF x LoA	-9,530	-0,108	0,300
CHR12	9231411	CHR12:9231411	SSF x LoA	-10,848	0,066	0,287
CHR12	9231483	CHR12:9231483	SSF x LoA	-6,772	0,169	0,279
CHR12	9247661	CHR12:9247661	SSF x LoA	-8,379	0,012	0,289
CHR12	9247768	CHR12:9247768	SSF x LoA	-10,179	-0,024	0,286
CHR12	9247774	CHR12:9247774	SSF x LoA	-9,995	-0,073	0,297
CHR12	9247784	CHR12:9247784	SSF x LoA	-9,765	0,050	0,292
CHR12	9247809	CHR12:9247809	SSF x LoA	-8,096	0,003	0,288
CHR12	926329	CHR12:926329	SSF x LoA	-7,631	-0,110	0,282
CHR12	9273607	CHR12:9273607	SSF x LoA	-7,524	-0,106	0,284
CHR12	9273642	CHR12:9273642	SSF x LoA	-4,038	-0,132	0,284
CHR12	9273653	CHR12:9273653	SSF x LoA	-8,342	-0,118	0,277
CHR12	9283689	CHR12:9283689	SSF x LoA	-10,924	0,059	0,282
CHR12	932871	CHR12:932871	SSF x LoA	-10,227	-0,058	0,295
CHR12	933104	CHR12:933104	SSF x LoA	-10,402	0,031	0,291
CHR12	933275	CHR12:933275	SSF x LoA	-8,801	0,063	0,313
CHR12	9340465	CHR12:9340465	SSF x LoA	-8,993	-0,005	0,278
CHR12	9363047	CHR12:9363047	SSF x LoA	-11,258	-0,027	0,288
CHR12	9363083	CHR12:9363083	SSF x LoA	-7,871	-0,082	0,277
CHR12	9363084	CHR12:9363084	SSF x LoA	-7,330	-0,072	0,282
CHR12	9363138	CHR12:9363138	SSF x LoA	-9,628	0,092	0,287
CHR12	9363254	CHR12:9363254	SSF x LoA	-8,386	0,141	0,288
CHR12	9363347	CHR12:9363347	SSF x LoA	-10,623	-0,010	0,290
CHR12	9363365	CHR12:9363365	SSF x LoA	-7,831	-0,004	0,292
CHR12	9363374	CHR12:9363374	SSF x LoA	-10,381	-0,115	0,291
CHR12	9371578	CHR12:9371578	SSF x LoA	-9,686	-0,037	0,274
CHR12	9371664	CHR12:9371664	SSF x LoA	-10,241	-0,027	0,288
CHR12	9371878	CHR12:9371878	SSF x LoA	-8,264	-0,055	0,298
CHR12	9371890	CHR12:9371890	SSF x LoA	-4,862	-0,140	0,276
CHR12	9371897	CHR12:9371897	SSF x LoA	-9,673	-0,062	0,292
CHR12	9372006	CHR12:9372006	SSF x LoA	-10,467	0,007	0,293

CHR12	9377926	CHR12:9377926	SSF x LoA	-10,160	-0,051	0,306
CHR12	9381242	CHR12:9381242	SSF x LoA	-9,803	0,133	0,271
CHR12	9381430	CHR12:9381430	SSF x LoA	-7,104	-0,159	0,299
CHR12	9381480	CHR12:9381480	SSF x LoA	-5,883	0,187	0,286
CHR12	9405261	CHR12:9405261	SSF x LoA	-7,152	-0,129	0,280
CHR12	9405591	CHR12:9405591	SSF x LoA	-9,279	0,033	0,294
CHR12	9405627	CHR12:9405627	SSF x LoA	-9,375	0,003	0,289
CHR12	9405654	CHR12:9405654	SSF x LoA	-9,115	0,061	0,278
CHR12	9405688	CHR12:9405688	SSF x LoA	-8,767	-0,065	0,283
CHR12	9413231	CHR12:9413231	SSF x LoA	-8,923	-0,084	0,289
CHR12	9413457	CHR12:9413457	SSF x LoA	-7,497	0,010	0,287
CHR12	9413523	CHR12:9413523	SSF x LoA	-4,261	-0,140	0,280
CHR12	9419029	CHR12:9419029	SSF x LoA	-9,102	0,067	0,287
CHR12	9419137	CHR12:9419137	SSF x LoA	-6,599	0,128	0,286
CHR12	9419160	CHR12:9419160	SSF x LoA	-9,216	-0,035	0,304
CHR12	9419241	CHR12:9419241	SSF x LoA	-9,352	-0,021	0,296
CHR12	9422398	CHR12:9422398	SSF x LoA	-9,109	0,022	0,293
CHR12	9423374	CHR12:9423374	SSF x LoA	-8,077	0,178	0,292
CHR12	942447	CHR12:942447	SSF x LoA	-10,144	0,065	0,304
CHR12	9434479	CHR12:9434479	SSF x LoA	-7,704	0,092	0,301
CHR12	9455400	CHR12:9455400	SSF x LoA	-8,348	0,095	0,285
CHR12	9455420	CHR12:9455420	SSF x LoA	-8,499	0,101	0,276
CHR12	9455431	CHR12:9455431	SSF x LoA	-10,504	0,022	0,288
CHR12	9455491	CHR12:9455491	SSF x LoA	-9,381	0,064	0,293
CHR12	9455507	CHR12:9455507	SSF x LoA	-8,828	0,122	0,273
CHR12	9455631	CHR12:9455631	SSF x LoA	-7,763	-0,134	0,277
CHR12	9455689	CHR12:9455689	SSF x LoA	-7,675	-0,089	0,274
CHR12	9465934	CHR12:9465934	SSF x LoA	-9,064	0,109	0,307
CHR12	9465989	CHR12:9465989	SSF x LoA	-9,373	-0,060	0,266
CHR12	9466015	CHR12:9466015	SSF x LoA	-8,534	0,024	0,286
CHR12	9466018	CHR12:9466018	SSF x LoA	-10,205	-0,058	0,284
CHR12	9466049	CHR12:9466049	SSF x LoA	-8,662	-0,026	0,286
CHR12	9466097	CHR12:9466097	SSF x LoA	-6,557	0,157	0,290
CHR12	9471851	CHR12:9471851	SSF x LoA	-8,199	-0,001	0,292
CHR12	9471890	CHR12:9471890	SSF x LoA	-8,957	-0,114	0,278
CHR12	9471921	CHR12:9471921	SSF x LoA	-7,602	-0,107	0,283
CHR12	9471956	CHR12:9471956	SSF x LoA	-7,789	-0,037	0,295
CHR12	9472009	CHR12:9472009	SSF x LoA	-4,304	-0,138	0,289
CHR12	9474753	CHR12:9474753	SSF x LoA	-8,425	-0,116	0,278
CHR12	9474758	CHR12:9474758	SSF x LoA	-9,743	-0,079	0,296
CHR12	9474767	CHR12:9474767	SSF x LoA	-11,350	-0,048	0,271
CHR12	9474771	CHR12:9474771	SSF x LoA	-3,356	-0,029	0,293
CHR12	9474775	CHR12:9474775	SSF x LoA	-10,593	-0,053	0,282
CHR12	9474789	CHR12:9474789	SSF x LoA	-8,307	-0,053	0,289
CHR12	9474791	CHR12:9474791	SSF x LoA	-9,979	-0,133	0,279
CHR12	9474798	CHR12:9474798	SSF x LoA	-9,925	0,005	0,282
CHR12	9474802	CHR12:9474802	SSF x LoA	-7,716	-0,052	0,296
CHR12	9480984	CHR12:9480984	SSF x LoA	-7,701	-0,051	0,304
CHR12	9481002	CHR12:9481002	SSF x LoA	-9,308	0,004	0,281
CHR12	9481004	CHR12:9481004	SSF x LoA	-6,466	-0,015	0,295
CHR12	9481972	CHR12:9481972	SSF x LoA	-10,146	0,021	0,291
CHR12	9504221	CHR12:9504221	SSF x LoA	-1,793	-0,021	0,314
CHR12	9508119	CHR12:9508119	SSF x LoA	-9,094	-0,096	0,287

CHR12	9508141	CHR12:9508141	SSF x LoA	-8,635	0,061	0,307
CHR12	9533775	CHR12:9533775	SSF x LoA	-8,384	0,179	0,288
CHR12	9533967	CHR12:9533967	SSF x LoA	-7,934	0,115	0,270
CHR12	9533973	CHR12:9533973	SSF x LoA	-8,416	0,135	0,289
CHR12	9534068	CHR12:9534068	SSF x LoA	-9,387	0,086	0,294
CHR12	9534120	CHR12:9534120	SSF x LoA	2,327	0,051	0,291
CHR12	9538131	CHR12:9538131	SSF x LoA	-4,971	-0,184	0,281
CHR12	9538556	CHR12:9538556	SSF x LoA	-10,815	0,069	0,287
CHR12	9594953	CHR12:9594953	SSF x LoA	-8,762	0,103	0,280
CHR12	9597309	CHR12:9597309	SSF x LoA	-8,794	-0,057	0,281
CHR12	9597458	CHR12:9597458	SSF x LoA	-8,447	0,075	0,294
CHR12	9601325	CHR12:9601325	SSF x LoA	-9,633	-0,112	0,299
CHR12	9623502	CHR12:9623502	SSF x LoA	-8,750	0,144	0,281
CHR12	9631125	CHR12:9631125	SSF x LoA	-9,003	0,170	0,301
CHR12	9631182	CHR12:9631182	SSF x LoA	-6,082	0,030	0,301
CHR12	9637271	CHR12:9637271	SSF x LoA	-7,288	-0,130	0,287
CHR12	9637313	CHR12:9637313	SSF x LoA	-9,976	0,081	0,298
CHR12	9637392	CHR12:9637392	SSF x LoA	-8,394	-0,163	0,275
CHR12	9637395	CHR12:9637395	SSF x LoA	-7,489	-0,136	0,299
CHR12	9640981	CHR12:9640981	SSF x LoA	-9,839	-0,011	0,291
CHR12	9641010	CHR12:9641010	SSF x LoA	-10,317	-0,037	0,287
CHR12	9662318	CHR12:9662318	SSF x LoA	-10,643	0,007	0,289
CHR12	9662740	CHR12:9662740	SSF x LoA	-7,795	0,098	0,281
CHR12	9688279	CHR12:9688279	SSF x LoA	-9,608	-0,051	0,283
CHR12	9694717	CHR12:9694717	SSF x LoA	-7,788	0,002	0,284
CHR12	9694750	CHR12:9694750	SSF x LoA	-8,847	-0,011	0,287
CHR12	9694815	CHR12:9694815	SSF x LoA	-5,119	-0,101	0,284
CHR12	9694916	CHR12:9694916	SSF x LoA	-9,881	0,013	0,288
CHR12	9704252	CHR12:9704252	SSF x LoA	-6,913	0,139	0,287
CHR12	9704313	CHR12:9704313	SSF x LoA	-7,340	-0,038	0,306
CHR12	9733808	CHR12:9733808	SSF x LoA	-8,289	0,069	0,276
CHR12	9733985	CHR12:9733985	SSF x LoA	-8,875	0,034	0,301
CHR12	9739259	CHR12:9739259	SSF x LoA	-6,398	0,081	0,307
CHR12	974128	CHR12:974128	SSF x LoA	-10,715	-0,028	0,297
CHR12	9744942	CHR12:9744942	SSF x LoA	-8,668	0,019	0,280
CHR12	9745022	CHR12:9745022	SSF x LoA	-10,859	-0,039	0,292
CHR12	9745043	CHR12:9745043	SSF x LoA	-7,442	-0,072	0,282
CHR12	9745072	CHR12:9745072	SSF x LoA	-8,999	-0,057	0,293
CHR12	9745111	CHR12:9745111	SSF x LoA	-9,778	-0,040	0,292
CHR12	9745124	CHR12:9745124	SSF x LoA	-9,159	-0,086	0,288
CHR12	9745188	CHR12:9745188	SSF x LoA	-4,788	-0,091	0,293
CHR12	974737	CHR12:974737	SSF x LoA	-6,963	0,154	0,280
CHR12	974774	CHR12:974774	SSF x LoA	-5,621	0,173	0,274
CHR12	976766	CHR12:976766	SSF x LoA	-10,142	0,027	0,283
CHR12	976948	CHR12:976948	SSF x LoA	-10,242	0,016	0,276
CHR12	978087	CHR12:978087	SSF x LoA	-7,516	0,057	0,301
CHR12	978216	CHR12:978216	SSF x LoA	-7,502	0,035	0,311
CHR12	979576	CHR12:979576	SSF x LoA	-9,223	-0,020	0,279
CHR12	979717	CHR12:979717	SSF x LoA	-6,701	-0,047	0,296
CHR12	979773	CHR12:979773	SSF x LoA	-8,345	0,215	0,274
CHR12	9800765	CHR12:9800765	SSF x LoA	-11,032	0,036	0,295
CHR12	9800867	CHR12:9800867	SSF x LoA	-7,734	-0,079	0,294
CHR12	9806692	CHR12:9806692	SSF x LoA	-9,053	-0,025	0,301

CHR12	981358	CHR12:981358	SSF x LoA	-10,368	0,024	0,289
CHR12	9820632	CHR12:9820632	SSF x LoA	-6,653	0,150	0,276
CHR12	9858447	CHR12:9858447	SSF x LoA	-11,420	0,104	0,278
CHR12	9858520	CHR12:9858520	SSF x LoA	-7,017	0,111	0,288
CHR12	9858642	CHR12:9858642	SSF x LoA	-8,672	0,107	0,285
CHR12	9863736	CHR12:9863736	SSF x LoA	-3,364	0,069	0,298
CHR12	9863784	CHR12:9863784	SSF x LoA	-9,748	-0,016	0,283
CHR12	9864078	CHR12:9864078	SSF x LoA	-8,995	-0,103	0,293
CHR12	9870080	CHR12:9870080	SSF x LoA	-10,330	0,063	0,282
CHR12	9870112	CHR12:9870112	SSF x LoA	-9,700	0,136	0,281
CHR12	9875955	CHR12:9875955	SSF x LoA	-10,600	0,080	0,300
CHR12	9896034	CHR12:9896034	SSF x LoA	-8,481	0,127	0,278
CHR12	990818	CHR12:990818	SSF x LoA	-6,660	0,054	0,285
CHR12	990849	CHR12:990849	SSF x LoA	-10,017	0,140	0,294
CHR12	990995	CHR12:990995	SSF x LoA	-9,888	-0,008	0,296
CHR12	9917555	CHR12:9917555	SSF x LoA	-11,253	-0,004	0,288
CHR12	9921914	CHR12:9921914	SSF x LoA	-11,889	-0,052	0,280
CHR12	9923279	CHR12:9923279	SSF x LoA	-9,779	-0,095	0,284
CHR12	9930335	CHR12:9930335	SSF x LoA	-11,307	-0,027	0,283
CHR12	9931783	CHR12:9931783	SSF x LoA	-7,856	0,195	0,267
CHR12	9945879	CHR12:9945879	SSF x LoA	-10,477	-0,033	0,294
CHR12	9958234	CHR12:9958234	SSF x LoA	-9,109	-0,038	0,291
CHR12	9958317	CHR12:9958317	SSF x LoA	-7,937	-0,122	0,292
CHR12	9958417	CHR12:9958417	SSF x LoA	-10,373	0,137	0,273
CHR12	9958588	CHR12:9958588	SSF x LoA	-4,497	-0,183	0,276
CHR12	9967580	CHR12:9967580	SSF x LoA	-10,137	-0,019	0,290
CHR12	9967663	CHR12:9967663	SSF x LoA	-8,223	-0,063	0,286
CHR13	1E+07	CHR13:10033237	SSF x LoA	-10,488	-0,008	0,275
CHR13	1E+07	CHR13:10033487	SSF x LoA	-8,483	-0,088	0,279
CHR13	1E+07	CHR13:10036099	SSF x LoA	-8,209	0,043	0,280
CHR13	1E+07	CHR13:10048574	SSF x LoA	-11,554	0,067	0,275
CHR13	1E+07	CHR13:10048635	SSF x LoA	-7,596	-0,036	0,298
CHR13	1E+07	CHR13:10048736	SSF x LoA	-10,124	-0,031	0,292
CHR13	1E+07	CHR13:10048763	SSF x LoA	-8,474	-0,057	0,288
CHR13	1E+07	CHR13:10048814	SSF x LoA	-5,607	-0,163	0,288
CHR13	1E+07	CHR13:10066688	SSF x LoA	-8,569	0,033	0,294
CHR13	1E+07	CHR13:10066709	SSF x LoA	-1,923	-0,052	0,287
CHR13	1E+07	CHR13:10066731	SSF x LoA	-10,908	0,018	0,291
CHR13	1E+07	CHR13:10067775	SSF x LoA	-11,250	-0,062	0,292
CHR13	1E+07	CHR13:10067950	SSF x LoA	1,730	-0,104	0,280
CHR13	1009012	CHR13:1009012	SSF x LoA	-8,231	0,023	0,279
CHR13	1E+07	CHR13:10091230	SSF x LoA	-10,716	-0,007	0,294
CHR13	1E+07	CHR13:10091240	SSF x LoA	-2,859	0,145	0,286
CHR13	1009222	CHR13:1009222	SSF x LoA	-6,433	-0,154	0,292
CHR13	1009326	CHR13:1009326	SSF x LoA	-10,820	0,013	0,285
CHR13	1E+07	CHR13:10098865	SSF x LoA	-3,339	-0,250	0,263
CHR13	1E+07	CHR13:10098958	SSF x LoA	-6,343	-0,122	0,281
CHR13	1E+07	CHR13:10098959	SSF x LoA	-5,973	0,062	0,299
CHR13	1E+07	CHR13:10100520	SSF x LoA	-8,947	0,031	0,296
CHR13	1E+07	CHR13:10106362	SSF x LoA	-11,494	0,005	0,286
CHR13	1E+07	CHR13:10106452	SSF x LoA	-7,666	0,004	0,301
CHR13	1E+07	CHR13:10120941	SSF x LoA	-7,423	0,053	0,289
CHR13	1E+07	CHR13:10120944	SSF x LoA	-5,047	0,166	0,285

CHR13	1E+07	CHR13:10120953	SSF x LoA	-7,252	0,082	0,292
CHR13	1E+07	CHR13:10121028	SSF x LoA	-7,773	0,153	0,286
CHR13	1E+07	CHR13:10128620	SSF x LoA	-10,028	-0,075	0,292
CHR13	1E+07	CHR13:10128707	SSF x LoA	-7,889	0,042	0,302
CHR13	1E+07	CHR13:10128712	SSF x LoA	-7,541	0,049	0,279
CHR13	1E+07	CHR13:10130527	SSF x LoA	-8,177	0,106	0,285
CHR13	1E+07	CHR13:10130545	SSF x LoA	-8,991	0,091	0,287
CHR13	1E+07	CHR13:10136490	SSF x LoA	-9,432	0,020	0,296
CHR13	1E+07	CHR13:10136505	SSF x LoA	-9,256	-0,080	0,291
CHR13	1E+07	CHR13:10138333	SSF x LoA	-8,300	0,101	0,290
CHR13	1E+07	CHR13:10140642	SSF x LoA	-10,337	-0,042	0,287
CHR13	1E+07	CHR13:10140678	SSF x LoA	-9,520	0,041	0,295
CHR13	1E+07	CHR13:10140688	SSF x LoA	-8,837	-0,041	0,275
CHR13	1E+07	CHR13:10140873	SSF x LoA	-10,039	-0,066	0,308
CHR13	1E+07	CHR13:10140888	SSF x LoA	-8,450	0,019	0,292
CHR13	1E+07	CHR13:10158764	SSF x LoA	-7,869	0,097	0,294
CHR13	1E+07	CHR13:10158773	SSF x LoA	-7,337	0,015	0,291
CHR13	1E+07	CHR13:10158811	SSF x LoA	-9,703	-0,023	0,289
CHR13	1E+07	CHR13:10163002	SSF x LoA	-7,305	0,084	0,301
CHR13	1E+07	CHR13:10163151	SSF x LoA	-10,156	-0,043	0,290
CHR13	1016603	CHR13:1016603	SSF x LoA	-9,324	-0,046	0,277
CHR13	1E+07	CHR13:10168983	SSF x LoA	-9,981	-0,031	0,280
CHR13	1E+07	CHR13:10169137	SSF x LoA	-12,069	-0,020	0,286
CHR13	1E+07	CHR13:10169174	SSF x LoA	-9,448	-0,057	0,290
CHR13	1E+07	CHR13:10169196	SSF x LoA	-10,358	0,057	0,304
CHR13	1E+07	CHR13:10172687	SSF x LoA	-8,628	0,063	0,287
CHR13	1E+07	CHR13:10172801	SSF x LoA	-7,757	0,056	0,295
CHR13	1E+07	CHR13:10173063	SSF x LoA	-7,459	-0,080	0,284
CHR13	1E+07	CHR13:10177262	SSF x LoA	-7,609	-0,150	0,291
CHR13	1E+07	CHR13:10177312	SSF x LoA	-6,541	0,105	0,296
CHR13	1E+07	CHR13:10177547	SSF x LoA	-6,879	0,010	0,293
CHR13	1E+07	CHR13:10177605	SSF x LoA	-11,299	0,001	0,294
CHR13	1E+07	CHR13:10179295	SSF x LoA	-6,473	0,080	0,281
CHR13	1E+07	CHR13:10179541	SSF x LoA	-5,802	-0,065	0,273
CHR13	1E+07	CHR13:10179620	SSF x LoA	-9,408	-0,017	0,288
CHR13	1E+07	CHR13:10179641	SSF x LoA	-7,883	-0,019	0,293
CHR13	1E+07	CHR13:10182256	SSF x LoA	-10,355	-0,020	0,281
CHR13	1E+07	CHR13:10182346	SSF x LoA	-7,637	-0,206	0,279
CHR13	1E+07	CHR13:10182365	SSF x LoA	-7,839	-0,096	0,297
CHR13	1E+07	CHR13:10182473	SSF x LoA	-8,540	0,011	0,295
CHR13	1E+07	CHR13:10182481	SSF x LoA	-8,711	-0,152	0,277
CHR13	1E+07	CHR13:10182540	SSF x LoA	-10,629	0,090	0,266
CHR13	1E+07	CHR13:10182541	SSF x LoA	-9,347	-0,048	0,294
CHR13	1018344	CHR13:1018344	SSF x LoA	-8,062	0,101	0,286
CHR13	1018408	CHR13:1018408	SSF x LoA	-8,298	-0,001	0,285
CHR13	1018536	CHR13:1018536	SSF x LoA	-6,511	0,064	0,291
CHR13	1E+07	CHR13:10189207	SSF x LoA	-4,807	0,102	0,274
CHR13	1E+07	CHR13:10189231	SSF x LoA	-7,361	-0,123	0,278
CHR13	1E+07	CHR13:10189251	SSF x LoA	-5,154	0,110	0,279
CHR13	1E+07	CHR13:10189271	SSF x LoA	-9,267	-0,038	0,284
CHR13	1E+07	CHR13:10193787	SSF x LoA	-8,822	-0,157	0,292
CHR13	1019910	CHR13:1019910	SSF x LoA	-8,183	-0,122	0,273
CHR13	1E+07	CHR13:10205133	SSF x LoA	-7,271	-0,097	0,280

CHR13	1E+07	CHR13:10205134	SSF x LoA	-8,716	0,088	0,296
CHR13	1E+07	CHR13:10205297	SSF x LoA	-8,246	0,090	0,278
CHR13	1E+07	CHR13:10205312	SSF x LoA	-9,113	-0,033	0,284
CHR13	1E+07	CHR13:10205331	SSF x LoA	-6,372	0,143	0,294
CHR13	1E+07	CHR13:10205419	SSF x LoA	-6,526	-0,152	0,289
CHR13	1E+07	CHR13:10205477	SSF x LoA	-8,219	-0,046	0,303
CHR13	1E+07	CHR13:10220736	SSF x LoA	-8,578	0,059	0,305
CHR13	1E+07	CHR13:10220888	SSF x LoA	-7,884	-0,057	0,294
CHR13	1E+07	CHR13:10223480	SSF x LoA	-8,882	0,031	0,294
CHR13	1E+07	CHR13:10223515	SSF x LoA	-5,824	-0,010	0,295
CHR13	1E+07	CHR13:10223586	SSF x LoA	-9,480	0,082	0,283
CHR13	1E+07	CHR13:10230632	SSF x LoA	-8,829	-0,060	0,284
CHR13	1E+07	CHR13:10233680	SSF x LoA	-7,329	-0,191	0,280
CHR13	1E+07	CHR13:10233737	SSF x LoA	-9,166	-0,003	0,274
CHR13	1E+07	CHR13:10233792	SSF x LoA	-10,237	0,001	0,279
CHR13	1E+07	CHR13:10233808	SSF x LoA	-9,603	-0,093	0,282
CHR13	1E+07	CHR13:10233826	SSF x LoA	-8,257	0,148	0,297
CHR13	1E+07	CHR13:10233860	SSF x LoA	-7,446	-0,084	0,286
CHR13	1E+07	CHR13:10233911	SSF x LoA	-6,155	-0,146	0,284
CHR13	1E+07	CHR13:10236938	SSF x LoA	-9,670	-0,007	0,266
CHR13	1E+07	CHR13:10237061	SSF x LoA	-6,128	-0,167	0,287
CHR13	1E+07	CHR13:10237094	SSF x LoA	-8,742	-0,097	0,305
CHR13	1E+07	CHR13:10237098	SSF x LoA	-7,790	0,090	0,284
CHR13	1E+07	CHR13:10237168	SSF x LoA	-10,366	0,067	0,291
CHR13	1E+07	CHR13:10237259	SSF x LoA	-7,860	0,023	0,295
CHR13	1024153	CHR13:1024153	SSF x LoA	-4,967	-0,044	0,302
CHR13	1024189	CHR13:1024189	SSF x LoA	-7,833	0,113	0,275
CHR13	1024194	CHR13:1024194	SSF x LoA	-8,761	-0,012	0,295
CHR13	1024251	CHR13:1024251	SSF x LoA	-4,931	-0,114	0,285
CHR13	1024308	CHR13:1024308	SSF x LoA	-7,713	0,025	0,281
CHR13	1E+07	CHR13:10243517	SSF x LoA	-7,818	0,063	0,282
CHR13	1E+07	CHR13:10243614	SSF x LoA	-6,339	0,045	0,284
CHR13	1E+07	CHR13:10243699	SSF x LoA	-7,002	-0,030	0,291
CHR13	1E+07	CHR13:10243718	SSF x LoA	-8,819	0,103	0,304
CHR13	1E+07	CHR13:10243751	SSF x LoA	-9,733	-0,012	0,270
CHR13	1E+07	CHR13:10248815	SSF x LoA	-9,271	-0,072	0,281
CHR13	1E+07	CHR13:10248819	SSF x LoA	-9,040	-0,085	0,294
CHR13	1E+07	CHR13:10255457	SSF x LoA	-3,957	-0,100	0,284
CHR13	1E+07	CHR13:10269290	SSF x LoA	-7,806	-0,074	0,299
CHR13	1E+07	CHR13:10269335	SSF x LoA	-9,214	0,001	0,289
CHR13	1E+07	CHR13:10269566	SSF x LoA	-5,443	-0,055	0,289
CHR13	1029284	CHR13:1029284	SSF x LoA	-9,262	-0,013	0,295
CHR13	1E+07	CHR13:10292938	SSF x LoA	-9,750	0,083	0,304
CHR13	1E+07	CHR13:10293074	SSF x LoA	-9,475	-0,059	0,283
CHR13	1E+07	CHR13:10293076	SSF x LoA	-8,130	0,068	0,298
CHR13	1E+07	CHR13:10293092	SSF x LoA	-8,667	0,028	0,286
CHR13	1E+07	CHR13:10293984	SSF x LoA	-9,014	0,092	0,276
CHR13	1E+07	CHR13:10294106	SSF x LoA	-10,955	-0,006	0,301
CHR13	1E+07	CHR13:10294124	SSF x LoA	-9,200	0,114	0,278
CHR13	1E+07	CHR13:10294222	SSF x LoA	-10,642	-0,005	0,275
CHR13	1E+07	CHR13:10294271	SSF x LoA	-5,100	0,146	0,281
CHR13	1E+07	CHR13:10294284	SSF x LoA	-5,735	-0,107	0,291
CHR13	1029503	CHR13:1029503	SSF x LoA	-9,096	-0,084	0,285

CHR13	1029515	CHR13:1029515	SSF x LoA	-9,895	-0,046	0,298
CHR13	1029519	CHR13:1029519	SSF x LoA	-11,226	0,011	0,293
CHR13	1E+07	CHR13:10303366	SSF x LoA	-2,616	0,094	0,279
CHR13	1E+07	CHR13:10303501	SSF x LoA	-7,595	-0,078	0,295
CHR13	1E+07	CHR13:10305746	SSF x LoA	-8,814	0,022	0,294
CHR13	1E+07	CHR13:10306098	SSF x LoA	-6,904	0,045	0,298
CHR13	1E+07	CHR13:10315394	SSF x LoA	-10,239	0,076	0,286
CHR13	1E+07	CHR13:10315508	SSF x LoA	-10,098	-0,027	0,288
CHR13	1E+07	CHR13:10315591	SSF x LoA	-6,945	-0,172	0,287
CHR13	1E+07	CHR13:10318020	SSF x LoA	-8,885	-0,040	0,283
CHR13	1E+07	CHR13:10318197	SSF x LoA	-10,755	0,005	0,272
CHR13	1E+07	CHR13:10323053	SSF x LoA	-10,682	0,028	0,289
CHR13	1E+07	CHR13:10323298	SSF x LoA	-9,842	-0,087	0,289
CHR13	1E+07	CHR13:10328824	SSF x LoA	-9,849	0,089	0,277
CHR13	1E+07	CHR13:10328973	SSF x LoA	-7,779	-0,070	0,271
CHR13	1E+07	CHR13:10328997	SSF x LoA	-10,334	0,067	0,289
CHR13	1E+07	CHR13:10333396	SSF x LoA	-7,058	-0,087	0,272
CHR13	1E+07	CHR13:10333429	SSF x LoA	-9,966	-0,012	0,295
CHR13	1E+07	CHR13:10333439	SSF x LoA	-8,884	-0,022	0,301
CHR13	1E+07	CHR13:10333441	SSF x LoA	-7,408	0,152	0,273
CHR13	1E+07	CHR13:10333460	SSF x LoA	-9,285	-0,075	0,298
CHR13	1E+07	CHR13:10333480	SSF x LoA	-9,412	-0,035	0,294
CHR13	1E+07	CHR13:10333501	SSF x LoA	-3,721	0,115	0,284
CHR13	1E+07	CHR13:10346308	SSF x LoA	-9,192	0,027	0,276
CHR13	1E+07	CHR13:10346372	SSF x LoA	-9,172	-0,065	0,281
CHR13	1E+07	CHR13:10346375	SSF x LoA	-8,081	-0,021	0,286
CHR13	1E+07	CHR13:10346396	SSF x LoA	-8,783	0,036	0,296
CHR13	1E+07	CHR13:10346416	SSF x LoA	-9,730	-0,087	0,300
CHR13	1E+07	CHR13:10346418	SSF x LoA	-7,957	0,060	0,295
CHR13	1E+07	CHR13:10346513	SSF x LoA	-8,291	-0,002	0,288
CHR13	1E+07	CHR13:10349542	SSF x LoA	-11,164	-0,051	0,280
CHR13	1E+07	CHR13:10349544	SSF x LoA	-8,356	-0,016	0,298
CHR13	1E+07	CHR13:10349637	SSF x LoA	-7,001	0,123	0,290
CHR13	1E+07	CHR13:10349641	SSF x LoA	-2,526	0,152	0,295
CHR13	1E+07	CHR13:10349675	SSF x LoA	-7,429	-0,124	0,294
CHR13	1E+07	CHR13:10352360	SSF x LoA	-11,146	0,057	0,289
CHR13	1E+07	CHR13:10352493	SSF x LoA	-8,140	0,009	0,289
CHR13	1E+07	CHR13:10352511	SSF x LoA	-9,931	-0,033	0,293
CHR13	1E+07	CHR13:10368245	SSF x LoA	-10,355	-0,119	0,279
CHR13	1E+07	CHR13:10368247	SSF x LoA	-9,824	-0,144	0,279
CHR13	1E+07	CHR13:10368299	SSF x LoA	-8,242	-0,079	0,297
CHR13	1E+07	CHR13:10368374	SSF x LoA	-7,676	0,100	0,275
CHR13	1E+07	CHR13:10368422	SSF x LoA	-6,846	-0,123	0,278
CHR13	1E+07	CHR13:10379558	SSF x LoA	-9,420	-0,040	0,296
CHR13	1E+07	CHR13:10382935	SSF x LoA	0,020	-0,163	0,282
CHR13	1E+07	CHR13:10387920	SSF x LoA	-8,380	0,095	0,289
CHR13	1E+07	CHR13:10388012	SSF x LoA	-7,266	0,176	0,276
CHR13	1E+07	CHR13:10388061	SSF x LoA	-9,717	0,108	0,289
CHR13	1E+07	CHR13:10388069	SSF x LoA	-9,477	-0,044	0,282
CHR13	1E+07	CHR13:10391991	SSF x LoA	-8,619	0,006	0,291
CHR13	1E+07	CHR13:10392033	SSF x LoA	-10,275	-0,014	0,288
CHR13	1E+07	CHR13:10392092	SSF x LoA	-11,417	-0,034	0,288
CHR13	1E+07	CHR13:10392562	SSF x LoA	-11,598	0,029	0,283

CHR13	1E+07	CHR13:10392565	SSF x LoA	-2,809	-0,142	0,270
CHR13	1E+07	CHR13:10404410	SSF x LoA	-8,915	-0,132	0,286
CHR13	1E+07	CHR13:10414576	SSF x LoA	-7,472	-0,040	0,288
CHR13	1E+07	CHR13:10414682	SSF x LoA	-8,034	0,069	0,295
CHR13	1E+07	CHR13:10414715	SSF x LoA	-5,715	-0,023	0,292
CHR13	1E+07	CHR13:10416106	SSF x LoA	-10,425	-0,012	0,276
CHR13	1E+07	CHR13:10419359	SSF x LoA	-7,924	0,183	0,289
CHR13	1E+07	CHR13:10419438	SSF x LoA	-8,849	0,050	0,282
CHR13	1E+07	CHR13:10419572	SSF x LoA	-10,067	-0,011	0,295
CHR13	1E+07	CHR13:10429978	SSF x LoA	2,901	-0,278	0,271
CHR13	1E+07	CHR13:10430069	SSF x LoA	-8,818	-0,007	0,308
CHR13	1E+07	CHR13:10434566	SSF x LoA	-8,214	-0,090	0,299
CHR13	1E+07	CHR13:10451809	SSF x LoA	-8,860	0,052	0,286
CHR13	1E+07	CHR13:10451930	SSF x LoA	-7,363	0,011	0,304
CHR13	1E+07	CHR13:10457369	SSF x LoA	-6,778	-0,132	0,281
CHR13	1E+07	CHR13:10457385	SSF x LoA	-9,316	-0,023	0,299
CHR13	1E+07	CHR13:10457402	SSF x LoA	-10,079	0,015	0,302
CHR13	1E+07	CHR13:10457405	SSF x LoA	-10,148	0,042	0,300
CHR13	1E+07	CHR13:10472588	SSF x LoA	-10,740	0,119	0,286
CHR13	1E+07	CHR13:10482278	SSF x LoA	-8,973	0,051	0,284
CHR13	1E+07	CHR13:10489463	SSF x LoA	-8,904	0,018	0,297
CHR13	1049650	CHR13:1049650	SSF x LoA	-8,885	-0,060	0,283
CHR13	1049772	CHR13:1049772	SSF x LoA	-9,914	-0,023	0,293
CHR13	1049774	CHR13:1049774	SSF x LoA	-7,989	0,108	0,293
CHR13	1E+07	CHR13:10497836	SSF x LoA	-9,102	0,131	0,298
CHR13	1E+07	CHR13:10497948	SSF x LoA	-7,810	0,103	0,288
CHR13	1049806	CHR13:1049806	SSF x LoA	-8,193	0,064	0,285
CHR13	10519683	CHR13:10519683	SSF x LoA	-8,440	-0,086	0,290
CHR13	10526443	CHR13:10526443	SSF x LoA	-11,396	0,024	0,290
CHR13	10526556	CHR13:10526556	SSF x LoA	-10,589	0,044	0,293
CHR13	10526603	CHR13:10526603	SSF x LoA	-5,526	0,142	0,272
CHR13	10526623	CHR13:10526623	SSF x LoA	-8,357	-0,082	0,300
CHR13	10541162	CHR13:10541162	SSF x LoA	-8,135	-0,005	0,280
CHR13	10541251	CHR13:10541251	SSF x LoA	-8,580	0,004	0,302
CHR13	10541270	CHR13:10541270	SSF x LoA	3,156	-0,041	0,286
CHR13	10542663	CHR13:10542663	SSF x LoA	-9,906	0,030	0,288
CHR13	10556440	CHR13:10556440	SSF x LoA	-8,688	0,085	0,285
CHR13	10561263	CHR13:10561263	SSF x LoA	-10,306	-0,017	0,298
CHR13	10561292	CHR13:10561292	SSF x LoA	-11,287	0,042	0,291
CHR13	10561609	CHR13:10561609	SSF x LoA	-9,355	-0,041	0,280
CHR13	10619414	CHR13:10619414	SSF x LoA	-9,639	-0,102	0,291
CHR13	10619671	CHR13:10619671	SSF x LoA	-7,606	-0,085	0,287
CHR13	1062281	CHR13:1062281	SSF x LoA	-8,724	0,006	0,302
CHR13	1062418	CHR13:1062418	SSF x LoA	-8,335	-0,075	0,286
CHR13	1062473	CHR13:1062473	SSF x LoA	-9,802	0,025	0,292
CHR13	10624865	CHR13:10624865	SSF x LoA	0,926	-0,335	0,259
CHR13	10624898	CHR13:10624898	SSF x LoA	-7,499	0,031	0,286
CHR13	10624902	CHR13:10624902	SSF x LoA	-8,092	0,047	0,272
CHR13	10624908	CHR13:10624908	SSF x LoA	-7,798	0,052	0,286
CHR13	1062562	CHR13:1062562	SSF x LoA	-10,774	0,056	0,299
CHR13	10647882	CHR13:10647882	SSF x LoA	-9,750	-0,011	0,297
CHR13	10648087	CHR13:10648087	SSF x LoA	-9,083	-0,007	0,288
CHR13	10649127	CHR13:10649127	SSF x LoA	-8,749	0,005	0,288

CHR13	10649305	CHR13:10649305	SSF x LoA	-5,529	0,198	0,285
CHR13	10651150	CHR13:10651150	SSF x LoA	-9,794	-0,001	0,284
CHR13	10657023	CHR13:10657023	SSF x LoA	-7,654	0,004	0,282
CHR13	10673170	CHR13:10673170	SSF x LoA	-6,549	0,090	0,287
CHR13	10673244	CHR13:10673244	SSF x LoA	-2,481	0,131	0,273
CHR13	10673253	CHR13:10673253	SSF x LoA	-8,915	-0,039	0,280
CHR13	10673342	CHR13:10673342	SSF x LoA	-7,290	-0,103	0,290
CHR13	10684670	CHR13:10684670	SSF x LoA	-6,068	-0,051	0,287
CHR13	10684752	CHR13:10684752	SSF x LoA	-9,522	-0,122	0,269
CHR13	10684760	CHR13:10684760	SSF x LoA	-3,025	-0,149	0,283
CHR13	10696431	CHR13:10696431	SSF x LoA	-7,210	0,009	0,293
CHR13	10696437	CHR13:10696437	SSF x LoA	-8,317	-0,034	0,269
CHR13	10698782	CHR13:10698782	SSF x LoA	-7,767	-0,076	0,289
CHR13	1070327	CHR13:1070327	SSF x LoA	-10,596	-0,030	0,292
CHR13	10719480	CHR13:10719480	SSF x LoA	-8,256	-0,085	0,295
CHR13	10719492	CHR13:10719492	SSF x LoA	-8,213	0,165	0,292
CHR13	10719583	CHR13:10719583	SSF x LoA	-4,306	0,132	0,291
CHR13	10719592	CHR13:10719592	SSF x LoA	-3,901	-0,149	0,274
CHR13	10738925	CHR13:10738925	SSF x LoA	-4,245	0,201	0,281
CHR13	10738963	CHR13:10738963	SSF x LoA	-7,596	-0,174	0,287
CHR13	10745123	CHR13:10745123	SSF x LoA	-9,433	0,005	0,292
CHR13	10745209	CHR13:10745209	SSF x LoA	-9,140	0,087	0,291
CHR13	10755728	CHR13:10755728	SSF x LoA	-5,237	0,126	0,291
CHR13	10755842	CHR13:10755842	SSF x LoA	-9,459	-0,053	0,303
CHR13	10768072	CHR13:10768072	SSF x LoA	-8,418	0,105	0,283
CHR13	10769154	CHR13:10769154	SSF x LoA	-8,948	-0,097	0,285
CHR13	10772382	CHR13:10772382	SSF x LoA	-10,082	0,095	0,281
CHR13	1079041	CHR13:1079041	SSF x LoA	-10,251	0,109	0,288
CHR13	10792914	CHR13:10792914	SSF x LoA	-7,284	-0,086	0,302
CHR13	10800355	CHR13:10800355	SSF x LoA	-8,946	-0,107	0,281
CHR13	10805871	CHR13:10805871	SSF x LoA	-9,787	-0,020	0,283
CHR13	10805938	CHR13:10805938	SSF x LoA	-10,841	0,034	0,293
CHR13	10805971	CHR13:10805971	SSF x LoA	-7,234	0,106	0,292
CHR13	10805991	CHR13:10805991	SSF x LoA	-6,324	0,040	0,298
CHR13	10806025	CHR13:10806025	SSF x LoA	-6,232	0,034	0,281
CHR13	10806161	CHR13:10806161	SSF x LoA	-8,533	-0,055	0,293
CHR13	10806169	CHR13:10806169	SSF x LoA	-8,833	-0,043	0,291
CHR13	10826557	CHR13:10826557	SSF x LoA	-9,352	0,068	0,277
CHR13	10826716	CHR13:10826716	SSF x LoA	-8,418	0,003	0,288
CHR13	10826743	CHR13:10826743	SSF x LoA	-9,037	-0,042	0,301
CHR13	10826761	CHR13:10826761	SSF x LoA	-9,381	-0,007	0,277
CHR13	10826887	CHR13:10826887	SSF x LoA	-4,676	0,000	0,287
CHR13	10830626	CHR13:10830626	SSF x LoA	-8,122	-0,062	0,299
CHR13	10842816	CHR13:10842816	SSF x LoA	-10,057	-0,118	0,280
CHR13	10842820	CHR13:10842820	SSF x LoA	-8,066	-0,076	0,300
CHR13	10842829	CHR13:10842829	SSF x LoA	-8,912	-0,010	0,299
CHR13	10843046	CHR13:10843046	SSF x LoA	-9,444	-0,107	0,284
CHR13	10853167	CHR13:10853167	SSF x LoA	-9,764	-0,031	0,279
CHR13	10853178	CHR13:10853178	SSF x LoA	-7,528	-0,004	0,307
CHR13	10853194	CHR13:10853194	SSF x LoA	-9,659	0,045	0,298
CHR13	10866331	CHR13:10866331	SSF x LoA	-9,279	0,030	0,287
CHR13	10873352	CHR13:10873352	SSF x LoA	-7,556	0,050	0,287
CHR13	10873481	CHR13:10873481	SSF x LoA	-6,023	0,107	0,289

CHR13	10873516	CHR13:10873516	SSF x LoA	-10,413	-0,119	0,293
CHR13	10890919	CHR13:10890919	SSF x LoA	-9,555	0,056	0,273
CHR13	10898366	CHR13:10898366	SSF x LoA	-5,468	0,157	0,293
CHR13	10898408	CHR13:10898408	SSF x LoA	-7,048	-0,087	0,305
CHR13	10898606	CHR13:10898606	SSF x LoA	-10,283	-0,055	0,287
CHR13	10900524	CHR13:10900524	SSF x LoA	-8,173	0,060	0,279
CHR13	10902309	CHR13:10902309	SSF x LoA	-5,182	0,224	0,260
CHR13	10902355	CHR13:10902355	SSF x LoA	-4,443	0,066	0,296
CHR13	10902361	CHR13:10902361	SSF x LoA	-10,261	0,000	0,280
CHR13	10902454	CHR13:10902454	SSF x LoA	-7,205	0,004	0,289
CHR13	10902517	CHR13:10902517	SSF x LoA	-10,036	-0,020	0,290
CHR13	10902546	CHR13:10902546	SSF x LoA	-10,418	0,001	0,269
CHR13	10906738	CHR13:10906738	SSF x LoA	-8,316	0,007	0,285
CHR13	10906765	CHR13:10906765	SSF x LoA	-8,226	0,022	0,290
CHR13	10906771	CHR13:10906771	SSF x LoA	-8,625	0,000	0,279
CHR13	10906834	CHR13:10906834	SSF x LoA	-9,825	-0,046	0,288
CHR13	10920082	CHR13:10920082	SSF x LoA	-7,665	0,148	0,264
CHR13	10920309	CHR13:10920309	SSF x LoA	-6,815	0,159	0,285
CHR13	1093071	CHR13:1093071	SSF x LoA	-9,505	0,074	0,285
CHR13	1093094	CHR13:1093094	SSF x LoA	-10,425	-0,027	0,289
CHR13	1094606	CHR13:1094606	SSF x LoA	-8,313	-0,055	0,298
CHR13	1094632	CHR13:1094632	SSF x LoA	-10,000	0,105	0,275
CHR13	1094724	CHR13:1094724	SSF x LoA	-9,188	-0,025	0,294
CHR13	10958674	CHR13:10958674	SSF x LoA	-7,832	0,109	0,296
CHR13	10958681	CHR13:10958681	SSF x LoA	-8,793	0,106	0,310
CHR13	10958737	CHR13:10958737	SSF x LoA	-9,690	0,130	0,288
CHR13	10964339	CHR13:10964339	SSF x LoA	-7,755	0,096	0,282
CHR13	10971340	CHR13:10971340	SSF x LoA	-8,327	-0,013	0,302
CHR13	1098237	CHR13:1098237	SSF x LoA	-7,362	0,029	0,285
CHR13	10982518	CHR13:10982518	SSF x LoA	-10,709	-0,103	0,284
CHR13	1098408	CHR13:1098408	SSF x LoA	-7,878	-0,017	0,289
CHR13	10988129	CHR13:10988129	SSF x LoA	-9,816	0,039	0,283
CHR13	10988151	CHR13:10988151	SSF x LoA	-9,133	0,070	0,304
CHR13	10988473	CHR13:10988473	SSF x LoA	-8,094	-0,039	0,294
CHR13	10995318	CHR13:10995318	SSF x LoA	-8,326	0,074	0,284
CHR13	10995515	CHR13:10995515	SSF x LoA	-11,222	-0,077	0,269
CHR13	10995517	CHR13:10995517	SSF x LoA	-8,348	-0,060	0,279
CHR13	10995665	CHR13:10995665	SSF x LoA	-11,090	0,059	0,290
CHR13	11005789	CHR13:11005789	SSF x LoA	-7,692	0,063	0,291
CHR13	11006242	CHR13:11006242	SSF x LoA	-11,740	-0,047	0,284
CHR13	11021016	CHR13:11021016	SSF x LoA	-8,065	-0,006	0,297
CHR13	11021062	CHR13:11021062	SSF x LoA	-10,480	0,001	0,309
CHR13	11022600	CHR13:11022600	SSF x LoA	-8,118	-0,099	0,278
CHR13	11022647	CHR13:11022647	SSF x LoA	-11,339	-0,047	0,277
CHR13	11022661	CHR13:11022661	SSF x LoA	-10,349	-0,025	0,280
CHR13	11022669	CHR13:11022669	SSF x LoA	-5,485	0,104	0,296
CHR13	11022733	CHR13:11022733	SSF x LoA	-5,958	-0,204	0,279
CHR13	11022793	CHR13:11022793	SSF x LoA	-9,915	0,058	0,291
CHR13	11028370	CHR13:11028370	SSF x LoA	-8,208	-0,059	0,298
CHR13	11028443	CHR13:11028443	SSF x LoA	-10,283	-0,032	0,276
CHR13	11039231	CHR13:11039231	SSF x LoA	-10,775	0,034	0,300
CHR13	11039293	CHR13:11039293	SSF x LoA	-7,800	0,127	0,295
CHR13	11039356	CHR13:11039356	SSF x LoA	-8,742	-0,093	0,284

CHR13	11041959	CHR13:1104195	SSF x LoA	-8,011	0,098	0,292
CHR13	11042027	CHR13:1104202	SSF x LoA	-8,240	0,064	0,299
CHR13	11042080	CHR13:1104208	SSF x LoA	-7,981	-0,136	0,283
CHR13	11042216	CHR13:1104221	SSF x LoA	-10,168	-0,001	0,297
CHR13	11063668	CHR13:1106366	SSF x LoA	-8,640	0,035	0,279
CHR13	11066797	CHR13:1106679	SSF x LoA	-11,374	0,012	0,291
CHR13	11066812	CHR13:1106681	SSF x LoA	-9,894	0,018	0,280
CHR13	11066825	CHR13:1106682	SSF x LoA	-8,428	0,049	0,267
CHR13	11066835	CHR13:1106683	SSF x LoA	-8,165	0,020	0,282
CHR13	11066896	CHR13:1106689	SSF x LoA	-8,426	0,008	0,301
CHR13	11066943	CHR13:1106694	SSF x LoA	-8,084	-0,069	0,288
CHR13	11067134	CHR13:1106713	SSF x LoA	-10,236	0,030	0,295
CHR13	11067137	CHR13:1106713	SSF x LoA	-11,154	0,057	0,285
CHR13	11074776	CHR13:1107477	SSF x LoA	-9,244	-0,001	0,287
CHR13	11074784	CHR13:1107478	SSF x LoA	-6,098	-0,008	0,295
CHR13	11074955	CHR13:1107495	SSF x LoA	-9,815	-0,046	0,290
CHR13	11085089	CHR13:1108508	SSF x LoA	-11,100	-0,066	0,295
CHR13	11085104	CHR13:1108510	SSF x LoA	-7,659	-0,027	0,276
CHR13	11086315	CHR13:1108631	SSF x LoA	-6,568	-0,060	0,267
CHR13	11090074	CHR13:1109007	SSF x LoA	-6,817	0,183	0,279
CHR13	11101987	CHR13:1110198	SSF x LoA	-9,281	-0,002	0,314
CHR13	11101994	CHR13:1110199	SSF x LoA	-8,593	-0,067	0,287
CHR13	11102030	CHR13:1110203	SSF x LoA	-11,816	-0,013	0,285
CHR13	1111813	CHR13:1111813	SSF x LoA	-5,658	-0,174	0,269
CHR13	1111845	CHR13:1111845	SSF x LoA	-11,197	-0,023	0,293
CHR13	1112043	CHR13:1112043	SSF x LoA	-9,928	-0,044	0,301
CHR13	1112136	CHR13:1112136	SSF x LoA	-5,615	-0,123	0,281
CHR13	1112196	CHR13:1112196	SSF x LoA	-7,679	-0,067	0,302
CHR13	1112211	CHR13:1112211	SSF x LoA	-10,424	-0,058	0,280
CHR13	11151323	CHR13:1115132	SSF x LoA	-7,633	0,093	0,297
CHR13	11152218	CHR13:1115221	SSF x LoA	-7,467	-0,011	0,287
CHR13	11152338	CHR13:1115233	SSF x LoA	-10,068	-0,064	0,294
CHR13	11152355	CHR13:1115235	SSF x LoA	-7,190	0,152	0,290
CHR13	11155675	CHR13:1115567	SSF x LoA	-6,470	-0,143	0,284
CHR13	11155852	CHR13:1115585	SSF x LoA	2,138	0,142	0,286
CHR13	11173769	CHR13:1117376	SSF x LoA	-7,262	0,055	0,287
CHR13	11173784	CHR13:1117378	SSF x LoA	-7,184	0,057	0,288
CHR13	11173797	CHR13:1117379	SSF x LoA	-9,580	-0,012	0,300
CHR13	11173827	CHR13:1117382	SSF x LoA	-7,391	-0,041	0,296
CHR13	11173830	CHR13:1117383	SSF x LoA	-7,015	-0,032	0,302
CHR13	11173877	CHR13:1117387	SSF x LoA	-9,722	-0,081	0,295
CHR13	11173911	CHR13:1117391	SSF x LoA	-8,180	0,126	0,293
CHR13	11177203	CHR13:1117720	SSF x LoA	-8,491	-0,045	0,298
CHR13	11181590	CHR13:1118159	SSF x LoA	-10,245	0,048	0,283
CHR13	11181641	CHR13:1118164	SSF x LoA	-8,176	-0,034	0,295
CHR13	11192065	CHR13:1119206	SSF x LoA	-8,805	-0,048	0,302
CHR13	11192448	CHR13:1119244	SSF x LoA	-7,041	-0,096	0,298
CHR13	11210753	CHR13:1121075	SSF x LoA	-10,530	0,005	0,297
CHR13	11210764	CHR13:1121076	SSF x LoA	-3,372	0,096	0,279
CHR13	11216626	CHR13:1121662	SSF x LoA	-8,963	0,044	0,280
CHR13	11216667	CHR13:1121666	SSF x LoA	-9,836	0,066	0,291
CHR13	11229972	CHR13:1122997	SSF x LoA	-5,136	-0,147	0,279
CHR13	11231507	CHR13:1123150	SSF x LoA	-9,060	-0,028	0,299

CHR13	11231551	CHR13:11231551	SSF x LoA	-9,455	-0,097	0,277
CHR13	11231579	CHR13:11231579	SSF x LoA	-2,721	-0,075	0,287
CHR13	11231589	CHR13:11231589	SSF x LoA	-10,343	-0,080	0,306
CHR13	11231590	CHR13:11231590	SSF x LoA	0,057	0,158	0,287
CHR13	11238226	CHR13:11238226	SSF x LoA	-8,953	0,082	0,297
CHR13	11238352	CHR13:11238352	SSF x LoA	-8,662	0,036	0,301
CHR13	11238373	CHR13:11238373	SSF x LoA	-10,920	0,034	0,291
CHR13	11238421	CHR13:11238421	SSF x LoA	-0,770	0,112	0,294
CHR13	11263364	CHR13:11263364	SSF x LoA	-7,927	-0,110	0,276
CHR13	11263388	CHR13:11263388	SSF x LoA	-10,182	-0,037	0,282
CHR13	1126508	CHR13:1126508	SSF x LoA	-7,117	-0,119	0,287
CHR13	11265151	CHR13:11265151	SSF x LoA	-7,507	0,174	0,275
CHR13	11265207	CHR13:11265207	SSF x LoA	-6,040	0,135	0,281
CHR13	11265261	CHR13:11265261	SSF x LoA	-4,822	-0,247	0,268
CHR13	11265264	CHR13:11265264	SSF x LoA	-9,454	0,050	0,282
CHR13	11265306	CHR13:11265306	SSF x LoA	-7,593	-0,014	0,289
CHR13	11265315	CHR13:11265315	SSF x LoA	-7,404	0,131	0,288
CHR13	1126631	CHR13:1126631	SSF x LoA	-7,028	0,155	0,289
CHR13	1126681	CHR13:1126681	SSF x LoA	-8,542	0,054	0,269
CHR13	1126859	CHR13:1126859	SSF x LoA	-11,364	0,020	0,289
CHR13	11278361	CHR13:11278361	SSF x LoA	-8,666	-0,033	0,270
CHR13	11278485	CHR13:11278485	SSF x LoA	-9,533	0,018	0,277
CHR13	11287437	CHR13:11287437	SSF x LoA	-5,316	0,163	0,279
CHR13	11287466	CHR13:11287466	SSF x LoA	-9,006	0,018	0,276
CHR13	11287510	CHR13:11287510	SSF x LoA	-5,135	0,013	0,292
CHR13	11287529	CHR13:11287529	SSF x LoA	-8,301	-0,080	0,289
CHR13	11287535	CHR13:11287535	SSF x LoA	-8,739	-0,009	0,279
CHR13	11287544	CHR13:11287544	SSF x LoA	-7,684	0,026	0,280
CHR13	11287590	CHR13:11287590	SSF x LoA	-10,760	0,033	0,289
CHR13	11287593	CHR13:11287593	SSF x LoA	-6,589	-0,106	0,292
CHR13	11341652	CHR13:11341652	SSF x LoA	-9,152	-0,071	0,282
CHR13	11341673	CHR13:11341673	SSF x LoA	-8,806	0,026	0,293
CHR13	11341690	CHR13:11341690	SSF x LoA	-9,463	-0,023	0,298
CHR13	11341714	CHR13:11341714	SSF x LoA	-8,134	-0,023	0,295
CHR13	11341728	CHR13:11341728	SSF x LoA	-8,468	-0,032	0,293
CHR13	11341737	CHR13:11341737	SSF x LoA	-10,667	0,037	0,267
CHR13	11341761	CHR13:11341761	SSF x LoA	-6,867	-0,103	0,264
CHR13	11341789	CHR13:11341789	SSF x LoA	-9,137	-0,072	0,307
CHR13	11348628	CHR13:11348628	SSF x LoA	-7,699	0,087	0,296
CHR13	11350682	CHR13:11350682	SSF x LoA	-5,598	0,107	0,282
CHR13	11350893	CHR13:11350893	SSF x LoA	-11,308	0,032	0,275
CHR13	11379193	CHR13:11379193	SSF x LoA	-10,490	0,008	0,293
CHR13	11379281	CHR13:11379281	SSF x LoA	-8,224	-0,088	0,281
CHR13	11385039	CHR13:11385039	SSF x LoA	-10,889	0,054	0,296
CHR13	11386076	CHR13:11386076	SSF x LoA	-5,818	0,020	0,298
CHR13	1139623	CHR13:1139623	SSF x LoA	-5,608	-0,137	0,289
CHR13	1139778	CHR13:1139778	SSF x LoA	-8,177	0,065	0,297
CHR13	1139833	CHR13:1139833	SSF x LoA	-9,470	-0,157	0,275
CHR13	1139850	CHR13:1139850	SSF x LoA	-9,631	0,081	0,286
CHR13	1139866	CHR13:1139866	SSF x LoA	-9,754	0,022	0,289
CHR13	11431918	CHR13:11431918	SSF x LoA	-10,153	0,055	0,291
CHR13	11432141	CHR13:11432141	SSF x LoA	-5,255	0,124	0,293
CHR13	11439774	CHR13:11439774	SSF x LoA	-8,260	-0,140	0,283

CHR13	11439846	CHR13:11439846	SSF x LoA	-10,904	-0,042	0,269
CHR13	11441253	CHR13:11441253	SSF x LoA	-7,341	0,122	0,285
CHR13	11441289	CHR13:11441289	SSF x LoA	-6,672	0,111	0,298
CHR13	11451356	CHR13:11451356	SSF x LoA	-9,160	0,056	0,272
CHR13	11451512	CHR13:11451512	SSF x LoA	-4,960	0,076	0,303
CHR13	1145808	CHR13:1145808	SSF x LoA	-5,716	0,104	0,290
CHR13	1145893	CHR13:1145893	SSF x LoA	-8,157	-0,037	0,290
CHR13	11473680	CHR13:11473680	SSF x LoA	-9,366	-0,055	0,290
CHR13	11475225	CHR13:11475225	SSF x LoA	-10,282	0,020	0,288
CHR13	11475233	CHR13:11475233	SSF x LoA	-10,266	0,084	0,277
CHR13	11475251	CHR13:11475251	SSF x LoA	-9,891	0,025	0,285
CHR13	11482915	CHR13:11482915	SSF x LoA	-9,460	-0,010	0,279
CHR13	11482918	CHR13:11482918	SSF x LoA	-9,692	0,004	0,293
CHR13	11482940	CHR13:11482940	SSF x LoA	-8,633	-0,029	0,285
CHR13	11482947	CHR13:11482947	SSF x LoA	-7,965	0,019	0,279
CHR13	11482957	CHR13:11482957	SSF x LoA	-6,868	0,011	0,297
CHR13	11482981	CHR13:11482981	SSF x LoA	-8,871	-0,003	0,304
CHR13	11483068	CHR13:11483068	SSF x LoA	-7,750	-0,026	0,280
CHR13	11483201	CHR13:11483201	SSF x LoA	-10,435	-0,052	0,298
CHR13	11487290	CHR13:11487290	SSF x LoA	-1,898	0,028	0,304
CHR13	11487369	CHR13:11487369	SSF x LoA	-6,523	-0,014	0,302
CHR13	11502275	CHR13:11502275	SSF x LoA	-7,843	0,024	0,309
CHR13	11502311	CHR13:11502311	SSF x LoA	-4,319	-0,139	0,293
CHR13	11503206	CHR13:11503206	SSF x LoA	-10,034	-0,107	0,289
CHR13	11504341	CHR13:11504341	SSF x LoA	-11,780	-0,008	0,285
CHR13	11508816	CHR13:11508816	SSF x LoA	-5,991	-0,056	0,270
CHR13	11508833	CHR13:11508833	SSF x LoA	-7,902	0,163	0,261
CHR13	11515107	CHR13:11515107	SSF x LoA	-6,602	-0,123	0,263
CHR13	11515400	CHR13:11515400	SSF x LoA	-8,066	-0,052	0,275
CHR13	11515422	CHR13:11515422	SSF x LoA	-7,827	-0,095	0,283
CHR13	11524571	CHR13:11524571	SSF x LoA	-9,671	0,057	0,295
CHR13	11524587	CHR13:11524587	SSF x LoA	-6,116	-0,096	0,289
CHR13	11524612	CHR13:11524612	SSF x LoA	-10,587	0,031	0,275
CHR13	11524615	CHR13:11524615	SSF x LoA	-10,052	-0,062	0,277
CHR13	11524865	CHR13:11524865	SSF x LoA	-10,122	-0,079	0,289
CHR13	11527370	CHR13:11527370	SSF x LoA	-11,188	-0,017	0,288
CHR13	11527381	CHR13:11527381	SSF x LoA	-7,457	0,021	0,290
CHR13	11555064	CHR13:11555064	SSF x LoA	-7,929	0,059	0,294
CHR13	11555113	CHR13:11555113	SSF x LoA	-9,124	0,134	0,294
CHR13	11565495	CHR13:11565495	SSF x LoA	-10,107	0,057	0,281
CHR13	11566864	CHR13:11566864	SSF x LoA	-3,562	0,200	0,296
CHR13	11581650	CHR13:11581650	SSF x LoA	-11,694	-0,009	0,275
CHR13	11581747	CHR13:11581747	SSF x LoA	-7,718	0,103	0,286
CHR13	11582826	CHR13:11582826	SSF x LoA	-9,413	-0,092	0,278
CHR13	11586065	CHR13:11586065	SSF x LoA	-10,563	-0,063	0,287
CHR13	11586066	CHR13:11586066	SSF x LoA	-10,961	-0,011	0,302
CHR13	11586088	CHR13:11586088	SSF x LoA	-9,601	-0,113	0,297
CHR13	11586095	CHR13:11586095	SSF x LoA	-10,972	-0,046	0,292
CHR13	11586216	CHR13:11586216	SSF x LoA	-7,565	-0,047	0,305
CHR13	11603058	CHR13:11603058	SSF x LoA	-10,419	-0,063	0,283
CHR13	11603121	CHR13:11603121	SSF x LoA	-8,398	-0,054	0,285
CHR13	11606598	CHR13:11606598	SSF x LoA	-7,607	-0,089	0,307
CHR13	11619008	CHR13:11619008	SSF x LoA	-8,845	-0,023	0,296

CHR13	11619019	CHR13:1161901	SSF x LoA	1,285	-0,135	0,283
CHR13	11619036	CHR13:1161903	SSF x LoA	-8,860	-0,049	0,289
CHR13	11619079	CHR13:1161907	SSF x LoA	-8,740	0,096	0,279
CHR13	11619113	CHR13:1161911	SSF x LoA	-7,726	0,071	0,302
CHR13	11625140	CHR13:1162514	SSF x LoA	-7,802	-0,105	0,282
CHR13	11625143	CHR13:1162514	SSF x LoA	-5,611	0,160	0,290
CHR13	11653227	CHR13:1165322	SSF x LoA	-9,364	0,048	0,279
CHR13	11653275	CHR13:1165327	SSF x LoA	-7,608	0,118	0,290
CHR13	11653341	CHR13:1165334	SSF x LoA	-9,262	0,003	0,291
CHR13	11653511	CHR13:1165351	SSF x LoA	-11,353	0,001	0,289
CHR13	11653560	CHR13:1165356	SSF x LoA	-9,545	-0,022	0,277
CHR13	11660685	CHR13:1166068	SSF x LoA	-9,519	0,146	0,280
CHR13	11660872	CHR13:1166087	SSF x LoA	-8,346	-0,023	0,296
CHR13	11684223	CHR13:1168422	SSF x LoA	-9,862	-0,077	0,280
CHR13	11684246	CHR13:1168424	SSF x LoA	-9,315	0,073	0,297
CHR13	11684271	CHR13:1168427	SSF x LoA	-8,165	-0,082	0,285
CHR13	11684324	CHR13:1168432	SSF x LoA	-5,210	-0,112	0,299
CHR13	11691147	CHR13:1169114	SSF x LoA	-11,383	0,094	0,279
CHR13	11691155	CHR13:1169115	SSF x LoA	-3,596	-0,085	0,282
CHR13	11691164	CHR13:1169116	SSF x LoA	-7,575	-0,026	0,272
CHR13	11691314	CHR13:1169131	SSF x LoA	-7,522	-0,111	0,300
CHR13	11691401	CHR13:1169140	SSF x LoA	-6,482	0,114	0,293
CHR13	11691430	CHR13:1169143	SSF x LoA	-7,351	0,063	0,287
CHR13	11691442	CHR13:1169144	SSF x LoA	-7,715	-0,123	0,290
CHR13	11691458	CHR13:1169145	SSF x LoA	-8,086	0,093	0,290
CHR13	11697495	CHR13:1169749	SSF x LoA	-9,732	0,092	0,292
CHR13	11697627	CHR13:1169762	SSF x LoA	-10,279	0,026	0,284
CHR13	11702825	CHR13:1170282	SSF x LoA	-8,405	0,040	0,293
CHR13	11702838	CHR13:1170283	SSF x LoA	-7,897	-0,038	0,296
CHR13	11705479	CHR13:1170547	SSF x LoA	-8,106	0,070	0,292
CHR13	11705593	CHR13:1170559	SSF x LoA	-11,049	0,108	0,296
CHR13	11705701	CHR13:1170570	SSF x LoA	-10,030	-0,065	0,298
CHR13	11705725	CHR13:1170572	SSF x LoA	-9,648	-0,106	0,276
CHR13	11711787	CHR13:1171178	SSF x LoA	-9,682	0,036	0,298
CHR13	11711866	CHR13:1171186	SSF x LoA	-9,263	0,014	0,297
CHR13	11712950	CHR13:1171295	SSF x LoA	-8,628	0,107	0,289
CHR13	11730490	CHR13:1173049	SSF x LoA	-7,663	-0,031	0,300
CHR13	11730658	CHR13:1173065	SSF x LoA	-9,244	-0,034	0,298
CHR13	11730757	CHR13:1173075	SSF x LoA	-9,939	-0,024	0,294
CHR13	11739562	CHR13:1173956	SSF x LoA	-9,788	0,091	0,287
CHR13	11739599	CHR13:1173959	SSF x LoA	-5,151	0,031	0,295
CHR13	11739692	CHR13:1173969	SSF x LoA	-7,722	0,099	0,285
CHR13	11764368	CHR13:1176436	SSF x LoA	-10,466	0,049	0,270
CHR13	1176554	CHR13:1176554	SSF x LoA	-8,554	-0,023	0,283
CHR13	1176577	CHR13:1176577	SSF x LoA	-8,697	0,066	0,286
CHR13	1177266	CHR13:1177266	SSF x LoA	-4,920	0,163	0,290
CHR13	11777503	CHR13:1177750	SSF x LoA	-9,799	-0,080	0,301
CHR13	11777512	CHR13:1177751	SSF x LoA	-8,744	0,069	0,281
CHR13	11777679	CHR13:1177767	SSF x LoA	-8,323	-0,064	0,297
CHR13	11777705	CHR13:1177770	SSF x LoA	-8,583	-0,145	0,286
CHR13	11798469	CHR13:1179846	SSF x LoA	-8,278	0,079	0,300
CHR13	11798506	CHR13:1179850	SSF x LoA	-8,946	-0,044	0,281
CHR13	11798665	CHR13:1179866	SSF x LoA	-8,645	0,020	0,288

CHR13	11813087	CHR13:11813087	SSF x LoA	-9,703	-0,090	0,300
CHR13	11814124	CHR13:11814124	SSF x LoA	-9,486	0,000	0,295
CHR13	11814138	CHR13:11814138	SSF x LoA	-1,842	-0,160	0,280
CHR13	1181689	CHR13:1181689	SSF x LoA	-8,400	0,127	0,272
CHR13	1181692	CHR13:1181692	SSF x LoA	-11,064	0,053	0,287
CHR13	1181752	CHR13:1181752	SSF x LoA	-6,946	-0,029	0,294
CHR13	1181780	CHR13:1181780	SSF x LoA	-8,872	0,110	0,284
CHR13	1181784	CHR13:1181784	SSF x LoA	-9,363	-0,011	0,302
CHR13	1181800	CHR13:1181800	SSF x LoA	-9,703	-0,004	0,297
CHR13	11833695	CHR13:11833695	SSF x LoA	-10,198	0,037	0,286
CHR13	11833765	CHR13:11833765	SSF x LoA	-8,877	-0,004	0,289
CHR13	11833769	CHR13:11833769	SSF x LoA	-10,454	0,050	0,288
CHR13	11833782	CHR13:11833782	SSF x LoA	-9,361	-0,061	0,285
CHR13	11833848	CHR13:11833848	SSF x LoA	-10,270	0,047	0,287
CHR13	11833859	CHR13:11833859	SSF x LoA	-2,134	-0,181	0,286
CHR13	11833921	CHR13:11833921	SSF x LoA	-8,456	-0,113	0,292
CHR13	11841395	CHR13:11841395	SSF x LoA	-9,034	-0,046	0,299
CHR13	11841641	CHR13:11841641	SSF x LoA	-8,201	-0,054	0,291
CHR13	11870388	CHR13:11870388	SSF x LoA	-11,723	0,024	0,292
CHR13	11870786	CHR13:11870786	SSF x LoA	-10,194	0,057	0,289
CHR13	11871706	CHR13:11871706	SSF x LoA	-7,591	0,049	0,285
CHR13	11871728	CHR13:11871728	SSF x LoA	-7,279	0,093	0,270
CHR13	11874286	CHR13:11874286	SSF x LoA	-6,744	0,104	0,293
CHR13	11875628	CHR13:11875628	SSF x LoA	-7,124	-0,041	0,289
CHR13	11875644	CHR13:11875644	SSF x LoA	-8,154	0,109	0,300
CHR13	11875737	CHR13:11875737	SSF x LoA	-10,247	-0,018	0,295
CHR13	11880075	CHR13:11880075	SSF x LoA	-8,531	-0,038	0,285
CHR13	11891185	CHR13:11891185	SSF x LoA	-8,567	-0,098	0,297
CHR13	11891632	CHR13:11891632	SSF x LoA	-10,851	0,007	0,268
CHR13	11899980	CHR13:11899980	SSF x LoA	-9,229	0,004	0,267
CHR13	11900026	CHR13:11900026	SSF x LoA	-10,632	-0,003	0,277
CHR13	11900050	CHR13:11900050	SSF x LoA	-8,460	-0,103	0,278
CHR13	11900113	CHR13:11900113	SSF x LoA	-7,813	-0,128	0,288
CHR13	11900153	CHR13:11900153	SSF x LoA	-9,012	-0,032	0,272
CHR13	11900159	CHR13:11900159	SSF x LoA	-9,034	0,021	0,279
CHR13	11913307	CHR13:11913307	SSF x LoA	-9,321	-0,103	0,277
CHR13	11913339	CHR13:11913339	SSF x LoA	-11,014	0,066	0,272
CHR13	11913341	CHR13:11913341	SSF x LoA	-4,321	0,173	0,289
CHR13	11913343	CHR13:11913343	SSF x LoA	-8,660	0,114	0,289
CHR13	11913354	CHR13:11913354	SSF x LoA	-6,924	0,110	0,301
CHR13	11913359	CHR13:11913359	SSF x LoA	-7,419	0,017	0,296
CHR13	11913377	CHR13:11913377	SSF x LoA	-7,489	0,065	0,306
CHR13	11913424	CHR13:11913424	SSF x LoA	-9,395	0,056	0,307
CHR13	11913433	CHR13:11913433	SSF x LoA	-10,185	0,090	0,290
CHR13	11913443	CHR13:11913443	SSF x LoA	-5,916	0,141	0,290
CHR13	11913456	CHR13:11913456	SSF x LoA	-10,614	-0,015	0,294
CHR13	11913464	CHR13:11913464	SSF x LoA	-7,106	-0,025	0,303
CHR13	11913477	CHR13:11913477	SSF x LoA	-8,156	0,048	0,298
CHR13	11913497	CHR13:11913497	SSF x LoA	-0,503	0,020	0,296
CHR13	11913556	CHR13:11913556	SSF x LoA	-9,938	-0,004	0,290
CHR13	11913557	CHR13:11913557	SSF x LoA	-7,691	0,071	0,296
CHR13	11913560	CHR13:11913560	SSF x LoA	-6,807	-0,049	0,295
CHR13	11913562	CHR13:11913562	SSF x LoA	-8,754	0,061	0,277

CHR13	11918495	CHR13:11918495	SSF x LoA	-9,332	0,040	0,283
CHR13	11924826	CHR13:11924826	SSF x LoA	-9,192	0,150	0,288
CHR13	11925115	CHR13:11925115	SSF x LoA	-10,275	0,020	0,283
CHR13	11930948	CHR13:11930948	SSF x LoA	-5,028	-0,144	0,289
CHR13	11931078	CHR13:11931078	SSF x LoA	-7,871	-0,155	0,279
CHR13	11931114	CHR13:11931114	SSF x LoA	-10,228	0,138	0,292
CHR13	11947297	CHR13:11947297	SSF x LoA	-7,581	0,031	0,290
CHR13	11951642	CHR13:11951642	SSF x LoA	-9,942	0,031	0,293
CHR13	11951786	CHR13:11951786	SSF x LoA	-8,716	-0,047	0,289
CHR13	1195678	CHR13:1195678	SSF x LoA	-9,239	-0,014	0,275
CHR13	1195770	CHR13:1195770	SSF x LoA	-10,474	0,011	0,284
CHR13	1195852	CHR13:1195852	SSF x LoA	-10,283	0,008	0,280
CHR13	11958956	CHR13:11958956	SSF x LoA	-10,889	0,023	0,285
CHR13	11962644	CHR13:11962644	SSF x LoA	-4,704	0,010	0,297
CHR13	11962780	CHR13:11962780	SSF x LoA	-11,575	-0,008	0,285
CHR13	11962782	CHR13:11962782	SSF x LoA	-9,541	0,049	0,292
CHR13	11962856	CHR13:11962856	SSF x LoA	-9,061	-0,088	0,295
CHR13	11977882	CHR13:11977882	SSF x LoA	-10,874	0,018	0,298
CHR13	11985900	CHR13:11985900	SSF x LoA	-9,583	-0,101	0,291
CHR13	11986010	CHR13:11986010	SSF x LoA	-8,405	0,070	0,300
CHR13	1201088	CHR13:1201088	SSF x LoA	-7,674	-0,095	0,277
CHR13	12015898	CHR13:12015898	SSF x LoA	-6,941	0,001	0,299
CHR13	12015988	CHR13:12015988	SSF x LoA	-8,782	0,124	0,295
CHR13	12016015	CHR13:12016015	SSF x LoA	-7,356	0,001	0,285
CHR13	12016044	CHR13:12016044	SSF x LoA	-6,149	-0,155	0,278
CHR13	12016078	CHR13:12016078	SSF x LoA	-4,367	-0,050	0,290
CHR13	12016136	CHR13:12016136	SSF x LoA	-8,353	-0,104	0,300
CHR13	12028459	CHR13:12028459	SSF x LoA	-8,321	-0,015	0,290
CHR13	12028552	CHR13:12028552	SSF x LoA	-8,574	-0,099	0,276
CHR13	12028624	CHR13:12028624	SSF x LoA	-8,041	0,014	0,277
CHR13	12028761	CHR13:12028761	SSF x LoA	-6,470	0,020	0,293
CHR13	12037153	CHR13:12037153	SSF x LoA	-10,261	-0,043	0,278
CHR13	12037271	CHR13:12037271	SSF x LoA	-6,834	0,056	0,304
CHR13	12037370	CHR13:12037370	SSF x LoA	-9,637	0,038	0,297
CHR13	12061590	CHR13:12061590	SSF x LoA	-10,439	0,025	0,290
CHR13	12061751	CHR13:12061751	SSF x LoA	-9,732	0,102	0,281
CHR13	12076372	CHR13:12076372	SSF x LoA	-8,612	0,042	0,277
CHR13	12081401	CHR13:12081401	SSF x LoA	-4,755	0,111	0,292
CHR13	12081560	CHR13:12081560	SSF x LoA	-7,446	0,073	0,286
CHR13	12098204	CHR13:12098204	SSF x LoA	-8,521	-0,116	0,279
CHR13	12098228	CHR13:12098228	SSF x LoA	-10,121	0,139	0,286
CHR13	12102692	CHR13:12102692	SSF x LoA	-9,495	0,056	0,285
CHR13	12171319	CHR13:12171319	SSF x LoA	-8,582	-0,016	0,291
CHR13	12171354	CHR13:12171354	SSF x LoA	-9,899	0,029	0,292
CHR13	12171369	CHR13:12171369	SSF x LoA	-8,295	-0,039	0,286
CHR13	12171771	CHR13:12171771	SSF x LoA	-8,788	0,097	0,275
CHR13	12171778	CHR13:12171778	SSF x LoA	-9,184	0,087	0,279
CHR13	12192372	CHR13:12192372	SSF x LoA	-8,504	-0,059	0,309
CHR13	12207112	CHR13:12207112	SSF x LoA	-3,109	-0,101	0,304
CHR13	12207124	CHR13:12207124	SSF x LoA	-9,713	0,135	0,285
CHR13	12220776	CHR13:12220776	SSF x LoA	-8,010	-0,053	0,303
CHR13	12257595	CHR13:12257595	SSF x LoA	-9,646	-0,026	0,282
CHR13	12257614	CHR13:12257614	SSF x LoA	-5,971	0,053	0,293

CHR13	12261598	CHR13:1226159	SSF x LoA	-3,606	0,046	0,279
CHR13	12261602	CHR13:1226160	SSF x LoA	-8,395	-0,135	0,284
CHR13	12261615	CHR13:1226161	SSF x LoA	-10,559	0,014	0,290
CHR13	12261720	CHR13:1226172	SSF x LoA	-8,554	0,035	0,292
CHR13	12281001	CHR13:1228100	SSF x LoA	-4,396	-0,126	0,282
CHR13	12281032	CHR13:1228103	SSF x LoA	-8,650	0,088	0,295
CHR13	12281204	CHR13:1228120	SSF x LoA	-8,215	-0,100	0,281
CHR13	1228578	CHR13:1228578	SSF x LoA	-5,779	0,084	0,283
CHR13	12291367	CHR13:1229136	SSF x LoA	-8,240	-0,028	0,297
CHR13	12291369	CHR13:1229136	SSF x LoA	-9,140	-0,014	0,310
CHR13	12291644	CHR13:1229164	SSF x LoA	-11,238	0,057	0,284
CHR13	1229696	CHR13:1229696	SSF x LoA	-9,190	0,037	0,287
CHR13	1229702	CHR13:1229702	SSF x LoA	-9,039	0,091	0,281
CHR13	1229840	CHR13:1229840	SSF x LoA	-9,385	0,022	0,302
CHR13	12305909	CHR13:1230590	SSF x LoA	-7,640	-0,091	0,308
CHR13	12318920	CHR13:1231892	SSF x LoA	-10,780	-0,046	0,275
CHR13	12318936	CHR13:1231893	SSF x LoA	-7,974	-0,053	0,286
CHR13	12319219	CHR13:1231921	SSF x LoA	-9,839	-0,112	0,289
CHR13	12329220	CHR13:1232922	SSF x LoA	-11,626	-0,067	0,290
CHR13	12332199	CHR13:1233219	SSF x LoA	1,488	0,137	0,277
CHR13	12332204	CHR13:1233220	SSF x LoA	-5,385	0,139	0,274
CHR13	12332222	CHR13:1233222	SSF x LoA	-9,915	0,033	0,269
CHR13	12347451	CHR13:1234745	SSF x LoA	-10,877	0,049	0,289
CHR13	12347678	CHR13:1234767	SSF x LoA	-9,494	-0,058	0,282
CHR13	12347705	CHR13:1234770	SSF x LoA	-9,254	0,015	0,304
CHR13	12358627	CHR13:1235862	SSF x LoA	-9,409	-0,128	0,291
CHR13	12358647	CHR13:1235864	SSF x LoA	-9,588	-0,161	0,270
CHR13	12358681	CHR13:1235868	SSF x LoA	-9,504	-0,031	0,292
CHR13	12362040	CHR13:1236204	SSF x LoA	-7,701	-0,067	0,289
CHR13	12362331	CHR13:1236233	SSF x LoA	-6,875	0,054	0,285
CHR13	1237281	CHR13:1237281	SSF x LoA	-8,649	-0,002	0,293
CHR13	1237295	CHR13:1237295	SSF x LoA	-8,571	-0,060	0,295
CHR13	1237304	CHR13:1237304	SSF x LoA	-7,936	-0,002	0,300
CHR13	1237305	CHR13:1237305	SSF x LoA	-8,683	-0,044	0,303
CHR13	1237310	CHR13:1237310	SSF x LoA	-10,395	-0,009	0,288
CHR13	1237325	CHR13:1237325	SSF x LoA	-8,129	-0,017	0,304
CHR13	12373884	CHR13:1237388	SSF x LoA	-11,085	0,012	0,278
CHR13	12374146	CHR13:1237414	SSF x LoA	-9,328	0,032	0,278
CHR13	1237442	CHR13:1237442	SSF x LoA	-10,712	0,008	0,287
CHR13	1237445	CHR13:1237445	SSF x LoA	-10,090	0,005	0,295
CHR13	1237491	CHR13:1237491	SSF x LoA	-9,599	0,111	0,299
CHR13	12391941	CHR13:1239194	SSF x LoA	-10,445	-0,011	0,282
CHR13	12391980	CHR13:1239198	SSF x LoA	-10,268	0,042	0,288
CHR13	12398928	CHR13:1239892	SSF x LoA	-8,460	-0,126	0,276
CHR13	12401129	CHR13:1240112	SSF x LoA	-10,178	-0,022	0,301
CHR13	12401196	CHR13:1240119	SSF x LoA	-7,568	0,033	0,312
CHR13	12401305	CHR13:1240130	SSF x LoA	-7,813	-0,020	0,298
CHR13	12404610	CHR13:1240461	SSF x LoA	-6,426	0,041	0,315
CHR13	12404871	CHR13:1240487	SSF x LoA	-8,733	-0,001	0,291
CHR13	12410434	CHR13:1241043	SSF x LoA	-8,525	0,066	0,281
CHR13	12410552	CHR13:1241055	SSF x LoA	-9,505	0,033	0,288
CHR13	12410575	CHR13:1241057	SSF x LoA	-10,014	-0,073	0,283
CHR13	12410600	CHR13:1241060	SSF x LoA	-7,579	-0,057	0,295

CHR13	12419231	CHR13:12419231	SSF x LoA	-8,275	0,019	0,299
CHR13	12440427	CHR13:12440427	SSF x LoA	-1,105	0,121	0,290
CHR13	12440445	CHR13:12440445	SSF x LoA	-8,907	0,154	0,283
CHR13	12440595	CHR13:12440595	SSF x LoA	-0,666	-0,126	0,276
CHR13	12467640	CHR13:12467640	SSF x LoA	-8,081	0,009	0,298
CHR13	12468615	CHR13:12468615	SSF x LoA	-10,378	-0,108	0,284
CHR13	12473576	CHR13:12473576	SSF x LoA	-9,043	0,030	0,304
CHR13	12476893	CHR13:12476893	SSF x LoA	-6,406	0,104	0,278
CHR13	12479748	CHR13:12479748	SSF x LoA	-10,535	0,012	0,301
CHR13	12479842	CHR13:12479842	SSF x LoA	-9,897	-0,101	0,286
CHR13	12493679	CHR13:12493679	SSF x LoA	-10,262	-0,038	0,301
CHR13	12493713	CHR13:12493713	SSF x LoA	-8,237	-0,029	0,284
CHR13	12493721	CHR13:12493721	SSF x LoA	-9,117	0,055	0,285
CHR13	12493725	CHR13:12493725	SSF x LoA	-9,416	0,072	0,290
CHR13	12500760	CHR13:12500760	SSF x LoA	-11,463	0,003	0,285
CHR13	12515401	CHR13:12515401	SSF x LoA	-8,802	0,059	0,312
CHR13	1255193	CHR13:1255193	SSF x LoA	-8,486	0,072	0,296
CHR13	12552985	CHR13:12552985	SSF x LoA	-10,412	0,028	0,295
CHR13	12553583	CHR13:12553583	SSF x LoA	-11,161	-0,039	0,289
CHR13	12553693	CHR13:12553693	SSF x LoA	-9,918	0,028	0,285
CHR13	12553695	CHR13:12553695	SSF x LoA	-8,751	-0,116	0,293
CHR13	1255371	CHR13:1255371	SSF x LoA	-7,542	-0,019	0,309
CHR13	1255390	CHR13:1255390	SSF x LoA	-7,935	0,013	0,291
CHR13	1255446	CHR13:1255446	SSF x LoA	-6,784	-0,071	0,290
CHR13	1255472	CHR13:1255472	SSF x LoA	-10,900	-0,083	0,289
CHR13	1255483	CHR13:1255483	SSF x LoA	-9,572	0,089	0,296
CHR13	1255556	CHR13:1255556	SSF x LoA	-8,867	-0,094	0,283
CHR13	12563983	CHR13:12563983	SSF x LoA	-8,138	0,125	0,293
CHR13	12567931	CHR13:12567931	SSF x LoA	-11,036	0,061	0,295
CHR13	12567981	CHR13:12567981	SSF x LoA	-9,458	0,118	0,297
CHR13	12567982	CHR13:12567982	SSF x LoA	-10,589	0,050	0,274
CHR13	12568314	CHR13:12568314	SSF x LoA	-11,135	0,041	0,290
CHR13	12578522	CHR13:12578522	SSF x LoA	-8,237	-0,008	0,295
CHR13	12578528	CHR13:12578528	SSF x LoA	-8,273	0,009	0,287
CHR13	12602521	CHR13:12602521	SSF x LoA	-9,502	-0,060	0,268
CHR13	12607331	CHR13:12607331	SSF x LoA	-6,727	-0,231	0,275
CHR13	12614286	CHR13:12614286	SSF x LoA	-7,411	0,103	0,289
CHR13	12614319	CHR13:12614319	SSF x LoA	-8,397	0,057	0,282
CHR13	12614347	CHR13:12614347	SSF x LoA	-8,684	-0,134	0,281
CHR13	12614351	CHR13:12614351	SSF x LoA	-8,902	-0,130	0,297
CHR13	12614654	CHR13:12614654	SSF x LoA	-11,110	-0,016	0,294
CHR13	12617740	CHR13:12617740	SSF x LoA	-8,481	-0,040	0,281
CHR13	12617746	CHR13:12617746	SSF x LoA	-9,577	0,075	0,284
CHR13	12631809	CHR13:12631809	SSF x LoA	-8,291	-0,079	0,293
CHR13	12641011	CHR13:12641011	SSF x LoA	-10,492	-0,093	0,286
CHR13	12643036	CHR13:12643036	SSF x LoA	-8,210	0,121	0,289
CHR13	1265492	CHR13:1265492	SSF x LoA	-11,094	-0,056	0,280
CHR13	1265499	CHR13:1265499	SSF x LoA	-7,717	0,103	0,300
CHR13	1265502	CHR13:1265502	SSF x LoA	-9,127	0,078	0,319
CHR13	1265518	CHR13:1265518	SSF x LoA	-10,227	0,086	0,281
CHR13	12656407	CHR13:12656407	SSF x LoA	-9,576	-0,066	0,296
CHR13	12681138	CHR13:12681138	SSF x LoA	-8,403	-0,108	0,274
CHR13	12681199	CHR13:12681199	SSF x LoA	-7,831	0,104	0,294

CHR13	12681203	CHR13:12681203	SSF x LoA	-7,327	0,064	0,295
CHR13	12681204	CHR13:12681204	SSF x LoA	-8,286	0,084	0,293
CHR13	12681211	CHR13:12681211	SSF x LoA	-6,116	-0,115	0,283
CHR13	12681243	CHR13:12681243	SSF x LoA	-6,222	-0,127	0,290
CHR13	12681270	CHR13:12681270	SSF x LoA	-7,774	-0,026	0,277
CHR13	12681312	CHR13:12681312	SSF x LoA	-9,119	0,049	0,291
CHR13	12681396	CHR13:12681396	SSF x LoA	-8,135	-0,108	0,282
CHR13	12685754	CHR13:12685754	SSF x LoA	-9,939	0,074	0,286
CHR13	12685755	CHR13:12685755	SSF x LoA	-10,769	-0,038	0,289
CHR13	12685858	CHR13:12685858	SSF x LoA	-8,627	-0,088	0,283
CHR13	12691034	CHR13:12691034	SSF x LoA	-8,969	0,084	0,291
CHR13	12691082	CHR13:12691082	SSF x LoA	-10,620	0,031	0,278
CHR13	12698683	CHR13:12698683	SSF x LoA	-8,059	0,031	0,292
CHR13	12698790	CHR13:12698790	SSF x LoA	-6,692	0,010	0,309
CHR13	12717678	CHR13:12717678	SSF x LoA	-6,379	0,222	0,274
CHR13	12717730	CHR13:12717730	SSF x LoA	-10,100	0,004	0,298
CHR13	12731808	CHR13:12731808	SSF x LoA	-6,975	-0,002	0,291
CHR13	12751472	CHR13:12751472	SSF x LoA	-5,460	0,208	0,279
CHR13	12751480	CHR13:12751480	SSF x LoA	-6,134	0,144	0,302
CHR13	12751515	CHR13:12751515	SSF x LoA	-7,939	-0,102	0,295
CHR13	12751547	CHR13:12751547	SSF x LoA	-10,590	0,014	0,286
CHR13	12751598	CHR13:12751598	SSF x LoA	-8,241	0,070	0,296
CHR13	12751701	CHR13:12751701	SSF x LoA	-8,879	-0,072	0,274
CHR13	12758036	CHR13:12758036	SSF x LoA	-8,809	-0,043	0,299
CHR13	12758105	CHR13:12758105	SSF x LoA	-9,728	0,125	0,291
CHR13	12758210	CHR13:12758210	SSF x LoA	-3,683	0,016	0,279
CHR13	12758217	CHR13:12758217	SSF x LoA	-7,941	-0,013	0,290
CHR13	12758260	CHR13:12758260	SSF x LoA	-10,900	0,118	0,278
CHR13	12758367	CHR13:12758367	SSF x LoA	-9,716	0,129	0,279
CHR13	12763499	CHR13:12763499	SSF x LoA	-8,505	0,008	0,297
CHR13	12763500	CHR13:12763500	SSF x LoA	-9,546	-0,073	0,296
CHR13	12763544	CHR13:12763544	SSF x LoA	-5,736	0,157	0,289
CHR13	12763592	CHR13:12763592	SSF x LoA	-10,772	-0,039	0,275
CHR13	12763638	CHR13:12763638	SSF x LoA	-10,640	0,048	0,310
CHR13	12763662	CHR13:12763662	SSF x LoA	-7,238	0,143	0,302
CHR13	12763699	CHR13:12763699	SSF x LoA	-10,197	-0,065	0,293
CHR13	12769980	CHR13:12769980	SSF x LoA	-10,523	-0,049	0,284
CHR13	12770084	CHR13:12770084	SSF x LoA	-4,883	-0,201	0,277
CHR13	12770117	CHR13:12770117	SSF x LoA	-7,467	0,005	0,299
CHR13	12772122	CHR13:12772122	SSF x LoA	-8,280	0,029	0,292
CHR13	12772168	CHR13:12772168	SSF x LoA	-6,994	0,005	0,304
CHR13	12772173	CHR13:12772173	SSF x LoA	-7,828	-0,023	0,302
CHR13	12772306	CHR13:12772306	SSF x LoA	-9,830	-0,089	0,273
CHR13	12772307	CHR13:12772307	SSF x LoA	-8,113	-0,052	0,268
CHR13	12800173	CHR13:12800173	SSF x LoA	-10,706	-0,011	0,297
CHR13	12800354	CHR13:12800354	SSF x LoA	-9,757	-0,042	0,297
CHR13	12802430	CHR13:12802430	SSF x LoA	-5,824	0,044	0,287
CHR13	12802461	CHR13:12802461	SSF x LoA	-10,864	-0,089	0,276
CHR13	12813520	CHR13:12813520	SSF x LoA	-9,263	0,075	0,292
CHR13	12813594	CHR13:12813594	SSF x LoA	-5,816	0,071	0,275
CHR13	12813596	CHR13:12813596	SSF x LoA	-8,406	0,075	0,296
CHR13	12813616	CHR13:12813616	SSF x LoA	-6,241	-0,119	0,285
CHR13	12817527	CHR13:12817527	SSF x LoA	-11,485	-0,017	0,282

CHR13	12817573	CHR13:12817573	SSF x LoA	-6,536	0,055	0,268
CHR13	12817587	CHR13:12817587	SSF x LoA	-8,783	0,006	0,288
CHR13	12817608	CHR13:12817608	SSF x LoA	-6,755	0,059	0,279
CHR13	12817617	CHR13:12817617	SSF x LoA	-6,512	0,121	0,265
CHR13	12825403	CHR13:12825403	SSF x LoA	-9,285	-0,006	0,276
CHR13	1283984	CHR13:1283984	SSF x LoA	-8,362	-0,041	0,287
CHR13	12855855	CHR13:12855855	SSF x LoA	-7,393	0,093	0,280
CHR13	12875186	CHR13:12875186	SSF x LoA	-10,076	0,018	0,264
CHR13	12875281	CHR13:12875281	SSF x LoA	-8,433	-0,069	0,290
CHR13	12875300	CHR13:12875300	SSF x LoA	-8,139	0,008	0,290
CHR13	12875317	CHR13:12875317	SSF x LoA	-4,392	0,017	0,300
CHR13	12875409	CHR13:12875409	SSF x LoA	-7,985	-0,053	0,269
CHR13	12875440	CHR13:12875440	SSF x LoA	-8,984	0,043	0,273
CHR13	12875448	CHR13:12875448	SSF x LoA	-10,904	-0,018	0,275
CHR13	12875520	CHR13:12875520	SSF x LoA	-1,503	-0,069	0,282
CHR13	12900798	CHR13:12900798	SSF x LoA	-8,290	-0,019	0,277
CHR13	12900861	CHR13:12900861	SSF x LoA	-9,908	0,032	0,291
CHR13	12900941	CHR13:12900941	SSF x LoA	-8,646	-0,077	0,280
CHR13	12909281	CHR13:12909281	SSF x LoA	-8,384	0,046	0,290
CHR13	12909309	CHR13:12909309	SSF x LoA	-8,105	0,081	0,296
CHR13	12909402	CHR13:12909402	SSF x LoA	-7,871	0,119	0,294
CHR13	12909514	CHR13:12909514	SSF x LoA	-9,399	0,002	0,282
CHR13	12913125	CHR13:12913125	SSF x LoA	-8,516	-0,108	0,271
CHR13	12914341	CHR13:12914341	SSF x LoA	-10,054	-0,031	0,284
CHR13	12914571	CHR13:12914571	SSF x LoA	-10,024	0,101	0,288
CHR13	12930378	CHR13:12930378	SSF x LoA	-9,072	-0,061	0,278
CHR13	12930448	CHR13:12930448	SSF x LoA	-10,079	0,039	0,304
CHR13	12930454	CHR13:12930454	SSF x LoA	-10,317	-0,074	0,288
CHR13	12930457	CHR13:12930457	SSF x LoA	-7,315	-0,101	0,277
CHR13	12930466	CHR13:12930466	SSF x LoA	-8,168	0,000	0,296
CHR13	12932328	CHR13:12932328	SSF x LoA	-9,143	0,066	0,303
CHR13	12934590	CHR13:12934590	SSF x LoA	-7,741	0,013	0,292
CHR13	12942176	CHR13:12942176	SSF x LoA	-11,192	0,009	0,289
CHR13	12952065	CHR13:12952065	SSF x LoA	-7,871	0,006	0,297
CHR13	12952093	CHR13:12952093	SSF x LoA	-11,311	-0,076	0,276
CHR13	12952109	CHR13:12952109	SSF x LoA	-9,843	0,058	0,292
CHR13	12968407	CHR13:12968407	SSF x LoA	-8,541	0,083	0,290
CHR13	12968434	CHR13:12968434	SSF x LoA	-8,131	-0,012	0,293
CHR13	12978797	CHR13:12978797	SSF x LoA	-8,181	0,054	0,278
CHR13	12978820	CHR13:12978820	SSF x LoA	-8,462	-0,008	0,288
CHR13	12978834	CHR13:12978834	SSF x LoA	-10,706	0,019	0,282
CHR13	12987208	CHR13:12987208	SSF x LoA	-6,488	0,161	0,263
CHR13	12987233	CHR13:12987233	SSF x LoA	-9,585	0,029	0,291
CHR13	12989100	CHR13:12989100	SSF x LoA	-7,745	0,201	0,298
CHR13	12993618	CHR13:12993618	SSF x LoA	-8,610	-0,028	0,288
CHR13	12993771	CHR13:12993771	SSF x LoA	-8,223	0,095	0,291
CHR13	12993775	CHR13:12993775	SSF x LoA	-8,231	0,112	0,287
CHR13	12993777	CHR13:12993777	SSF x LoA	-9,305	0,075	0,292
CHR13	12993823	CHR13:12993823	SSF x LoA	-8,690	-0,038	0,281
CHR13	12993840	CHR13:12993840	SSF x LoA	-7,439	-0,030	0,305
CHR13	1299813	CHR13:1299813	SSF x LoA	-8,377	0,032	0,301
CHR13	1299818	CHR13:1299818	SSF x LoA	-10,764	0,019	0,276
CHR13	1299830	CHR13:1299830	SSF x LoA	-9,844	0,000	0,292

CHR13	1299900	CHR13:1299900	SSF x LoA	-7,464	0,083	0,307
CHR13	1300031	CHR13:1300031	SSF x LoA	-8,836	-0,002	0,291
CHR13	1302837	CHR13:1302837	SSF x LoA	-11,393	0,011	0,294
CHR13	1303124	CHR13:1303124	SSF x LoA	-9,568	0,001	0,293
CHR13	13037088	CHR13:13037088	SSF x LoA	-9,727	-0,006	0,293
CHR13	13044121	CHR13:13044121	SSF x LoA	-7,814	0,033	0,283
CHR13	13044214	CHR13:13044214	SSF x LoA	-10,618	0,065	0,287
CHR13	13049596	CHR13:13049596	SSF x LoA	-6,948	0,083	0,294
CHR13	13049691	CHR13:13049691	SSF x LoA	-8,610	0,014	0,282
CHR13	1306701	CHR13:1306701	SSF x LoA	-8,185	0,135	0,287
CHR13	13068720	CHR13:13068720	SSF x LoA	-8,711	0,081	0,285
CHR13	13068748	CHR13:13068748	SSF x LoA	-10,275	0,063	0,275
CHR13	1307150	CHR13:1307150	SSF x LoA	-8,709	0,034	0,289
CHR13	1307227	CHR13:1307227	SSF x LoA	-8,451	-0,025	0,303
CHR13	13072838	CHR13:13072838	SSF x LoA	-8,183	0,068	0,292
CHR13	13072848	CHR13:13072848	SSF x LoA	-8,916	-0,108	0,277
CHR13	13072880	CHR13:13072880	SSF x LoA	-5,681	-0,106	0,287
CHR13	13072906	CHR13:13072906	SSF x LoA	-5,613	0,122	0,290
CHR13	1307313	CHR13:1307313	SSF x LoA	-10,073	0,063	0,290
CHR13	13076417	CHR13:13076417	SSF x LoA	-8,917	0,030	0,278
CHR13	13081027	CHR13:13081027	SSF x LoA	-5,339	0,124	0,279
CHR13	13081161	CHR13:13081161	SSF x LoA	-9,423	0,059	0,299
CHR13	13090774	CHR13:13090774	SSF x LoA	-7,127	0,194	0,292
CHR13	13091046	CHR13:13091046	SSF x LoA	-8,403	-0,035	0,292
CHR13	13091122	CHR13:13091122	SSF x LoA	-7,139	-0,079	0,289
CHR13	13091128	CHR13:13091128	SSF x LoA	-7,293	0,091	0,281
CHR13	13091178	CHR13:13091178	SSF x LoA	-7,465	0,033	0,294
CHR13	13095168	CHR13:13095168	SSF x LoA	-7,997	-0,005	0,275
CHR13	13095226	CHR13:13095226	SSF x LoA	-8,882	0,036	0,284
CHR13	13095364	CHR13:13095364	SSF x LoA	-7,627	-0,010	0,295
CHR13	13095412	CHR13:13095412	SSF x LoA	-9,563	-0,015	0,278
CHR13	13095458	CHR13:13095458	SSF x LoA	-10,567	0,035	0,284
CHR13	13127988	CHR13:13127988	SSF x LoA	-8,663	0,091	0,291
CHR13	13128044	CHR13:13128044	SSF x LoA	-7,944	0,022	0,288
CHR13	13128159	CHR13:13128159	SSF x LoA	-7,881	0,061	0,284
CHR13	13130170	CHR13:13130170	SSF x LoA	-7,076	-0,070	0,280
CHR13	13130234	CHR13:13130234	SSF x LoA	-8,366	0,053	0,285
CHR13	13143318	CHR13:13143318	SSF x LoA	-9,897	-0,052	0,284
CHR13	13177474	CHR13:13177474	SSF x LoA	-7,654	-0,090	0,284
CHR13	13177518	CHR13:13177518	SSF x LoA	-8,242	-0,064	0,284
CHR13	1318965	CHR13:1318965	SSF x LoA	-11,797	-0,023	0,291
CHR13	13198835	CHR13:13198835	SSF x LoA	-8,224	-0,091	0,290
CHR13	13198964	CHR13:13198964	SSF x LoA	-3,438	0,107	0,278
CHR13	13198967	CHR13:13198967	SSF x LoA	-7,400	0,060	0,290
CHR13	13199012	CHR13:13199012	SSF x LoA	-10,734	-0,073	0,284
CHR13	13199183	CHR13:13199183	SSF x LoA	-11,087	0,002	0,291
CHR13	1320242	CHR13:1320242	SSF x LoA	-8,525	-0,026	0,289
CHR13	13206404	CHR13:13206404	SSF x LoA	-0,539	-0,151	0,294
CHR13	13235880	CHR13:13235880	SSF x LoA	-8,226	-0,056	0,296
CHR13	13235902	CHR13:13235902	SSF x LoA	-10,248	-0,052	0,300
CHR13	13236016	CHR13:13236016	SSF x LoA	-3,629	0,004	0,301
CHR13	13236159	CHR13:13236159	SSF x LoA	-8,133	0,037	0,284
CHR13	13236235	CHR13:13236235	SSF x LoA	-8,627	-0,028	0,307

CHR13	13236236	CHR13:1323623	SSF x LoA	-7,619	0,003	0,302
CHR13	13236239	CHR13:1323623	SSF x LoA	-7,646	0,004	0,315
CHR13	13246994	CHR13:1324699	SSF x LoA	-9,057	-0,053	0,296
CHR13	13246999	CHR13:1324699	SSF x LoA	-8,001	-0,096	0,294
CHR13	13255383	CHR13:1325538	SSF x LoA	-11,024	0,006	0,293
CHR13	13255436	CHR13:1325543	SSF x LoA	-2,770	0,150	0,271
CHR13	13255504	CHR13:1325550	SSF x LoA	-6,674	0,134	0,287
CHR13	13255587	CHR13:1325558	SSF x LoA	-8,252	0,063	0,285
CHR13	13255597	CHR13:1325559	SSF x LoA	-8,432	0,053	0,289
CHR13	13265037	CHR13:1326503	SSF x LoA	-10,970	-0,020	0,281
CHR13	13265277	CHR13:1326527	SSF x LoA	-9,055	0,106	0,285
CHR13	13265367	CHR13:1326536	SSF x LoA	-5,300	-0,145	0,280
CHR13	13265368	CHR13:1326536	SSF x LoA	-8,719	-0,103	0,287
CHR13	13265385	CHR13:1326538	SSF x LoA	-9,307	-0,146	0,278
CHR13	13279375	CHR13:1327937	SSF x LoA	-3,021	0,197	0,271
CHR13	13282561	CHR13:1328256	SSF x LoA	-7,368	-0,020	0,284
CHR13	13282658	CHR13:1328265	SSF x LoA	-9,671	0,105	0,282
CHR13	13282737	CHR13:1328273	SSF x LoA	-10,138	0,116	0,277
CHR13	13282749	CHR13:1328274	SSF x LoA	-8,939	0,116	0,285
CHR13	13285601	CHR13:1328560	SSF x LoA	-8,560	0,035	0,286
CHR13	13285604	CHR13:1328560	SSF x LoA	-9,718	0,034	0,286
CHR13	1330226	CHR13:1330226	SSF x LoA	-7,793	0,111	0,315
CHR13	13310151	CHR13:1331015	SSF x LoA	-9,843	-0,046	0,296
CHR13	13318571	CHR13:1331857	SSF x LoA	-11,195	0,023	0,278
CHR13	13318710	CHR13:1331871	SSF x LoA	-9,680	0,062	0,288
CHR13	13328519	CHR13:1332851	SSF x LoA	-8,071	-0,054	0,298
CHR13	13332485	CHR13:1333248	SSF x LoA	-8,285	0,070	0,260
CHR13	13332491	CHR13:1333249	SSF x LoA	-10,025	-0,027	0,295
CHR13	13332574	CHR13:1333257	SSF x LoA	-7,776	0,119	0,293
CHR13	13333431	CHR13:1333343	SSF x LoA	-9,318	0,057	0,284
CHR13	13344615	CHR13:1334461	SSF x LoA	-8,577	0,046	0,299
CHR13	13344632	CHR13:1334463	SSF x LoA	-6,329	0,004	0,291
CHR13	13344896	CHR13:1334489	SSF x LoA	-10,300	0,059	0,287
CHR13	13344904	CHR13:1334490	SSF x LoA	-9,509	0,102	0,300
CHR13	13369598	CHR13:1336959	SSF x LoA	-8,882	-0,039	0,283
CHR13	13369763	CHR13:1336976	SSF x LoA	-10,987	0,019	0,295
CHR13	1337393	CHR13:1337393	SSF x LoA	-10,778	-0,081	0,291
CHR13	1337542	CHR13:1337542	SSF x LoA	-8,682	0,141	0,289
CHR13	13416099	CHR13:1341609	SSF x LoA	-9,719	0,055	0,302
CHR13	13416318	CHR13:1341631	SSF x LoA	-10,791	-0,065	0,285
CHR13	13419480	CHR13:1341948	SSF x LoA	-7,730	-0,064	0,291
CHR13	13419544	CHR13:1341954	SSF x LoA	-8,699	-0,008	0,288
CHR13	13419578	CHR13:1341957	SSF x LoA	-5,951	0,002	0,276
CHR13	13419772	CHR13:1341977	SSF x LoA	-8,009	0,029	0,307
CHR13	13419802	CHR13:1341980	SSF x LoA	-11,296	-0,031	0,296
CHR13	13419803	CHR13:1341980	SSF x LoA	-8,544	-0,161	0,269
CHR13	13462425	CHR13:1346242	SSF x LoA	-9,647	0,046	0,273
CHR13	13480407	CHR13:1348040	SSF x LoA	-9,780	0,087	0,283
CHR13	13482915	CHR13:1348291	SSF x LoA	-4,892	0,032	0,293
CHR13	13482934	CHR13:1348293	SSF x LoA	-9,659	0,001	0,306
CHR13	13482944	CHR13:1348294	SSF x LoA	-7,658	0,053	0,288
CHR13	13482962	CHR13:1348296	SSF x LoA	-4,645	0,100	0,288
CHR13	13483037	CHR13:1348303	SSF x LoA	-10,389	0,039	0,297

CHR13	13483138	CHR13:13483138	SSF x LoA	-9,548	0,032	0,287
CHR13	13483170	CHR13:13483170	SSF x LoA	-7,341	-0,130	0,296
CHR13	13486489	CHR13:13486489	SSF x LoA	-9,743	-0,111	0,292
CHR13	13486809	CHR13:13486809	SSF x LoA	-7,877	-0,062	0,300
CHR13	13488215	CHR13:13488215	SSF x LoA	-8,119	0,045	0,298
CHR13	13488239	CHR13:13488239	SSF x LoA	-9,789	0,072	0,287
CHR13	13488247	CHR13:13488247	SSF x LoA	-6,065	0,196	0,278
CHR13	13488413	CHR13:13488413	SSF x LoA	-4,139	0,120	0,303
CHR13	13488489	CHR13:13488489	SSF x LoA	-6,594	-0,135	0,294
CHR13	13504510	CHR13:13504510	SSF x LoA	-8,737	0,040	0,274
CHR13	13504590	CHR13:13504590	SSF x LoA	-8,622	0,124	0,279
CHR13	13504707	CHR13:13504707	SSF x LoA	-11,251	0,045	0,289
CHR13	13504713	CHR13:13504713	SSF x LoA	-9,912	0,078	0,291
CHR13	13542012	CHR13:13542012	SSF x LoA	-7,510	0,100	0,310
CHR13	13542760	CHR13:13542760	SSF x LoA	-11,567	-0,042	0,285
CHR13	13542789	CHR13:13542789	SSF x LoA	-9,640	0,001	0,316
CHR13	13544453	CHR13:13544453	SSF x LoA	-8,428	-0,041	0,303
CHR13	13562412	CHR13:13562412	SSF x LoA	-10,513	0,021	0,282
CHR13	13562595	CHR13:13562595	SSF x LoA	-10,289	0,089	0,296
CHR13	13581790	CHR13:13581790	SSF x LoA	-10,191	-0,034	0,288
CHR13	13582045	CHR13:13582045	SSF x LoA	-7,638	0,099	0,284
CHR13	13597331	CHR13:13597331	SSF x LoA	-8,642	-0,048	0,281
CHR13	13603760	CHR13:13603760	SSF x LoA	-8,433	-0,053	0,290
CHR13	13604096	CHR13:13604096	SSF x LoA	-9,032	-0,123	0,283
CHR13	13604129	CHR13:13604129	SSF x LoA	-9,068	0,046	0,299
CHR13	1361622	CHR13:1361622	SSF x LoA	-11,224	-0,018	0,284
CHR13	13625067	CHR13:13625067	SSF x LoA	-8,147	0,102	0,277
CHR13	13625089	CHR13:13625089	SSF x LoA	-8,982	0,091	0,272
CHR13	13625121	CHR13:13625121	SSF x LoA	-10,203	-0,142	0,276
CHR13	13625143	CHR13:13625143	SSF x LoA	-8,108	-0,080	0,285
CHR13	13625146	CHR13:13625146	SSF x LoA	-8,697	0,040	0,279
CHR13	13626439	CHR13:13626439	SSF x LoA	-6,548	-0,128	0,270
CHR13	13635849	CHR13:13635849	SSF x LoA	-11,426	0,015	0,277
CHR13	13635878	CHR13:13635878	SSF x LoA	-9,947	-0,053	0,295
CHR13	13635904	CHR13:13635904	SSF x LoA	-9,045	-0,031	0,298
CHR13	13635911	CHR13:13635911	SSF x LoA	-9,353	-0,055	0,309
CHR13	13635915	CHR13:13635915	SSF x LoA	-9,656	-0,015	0,283
CHR13	13635932	CHR13:13635932	SSF x LoA	-8,319	-0,033	0,284
CHR13	13635950	CHR13:13635950	SSF x LoA	-9,548	-0,055	0,293
CHR13	13635990	CHR13:13635990	SSF x LoA	-8,718	0,070	0,292
CHR13	13635998	CHR13:13635998	SSF x LoA	-8,281	-0,118	0,295
CHR13	13635999	CHR13:13635999	SSF x LoA	-7,573	-0,081	0,294
CHR13	13636010	CHR13:13636010	SSF x LoA	-11,613	0,033	0,289
CHR13	13640678	CHR13:13640678	SSF x LoA	-8,194	-0,140	0,275
CHR13	13664465	CHR13:13664465	SSF x LoA	-9,661	0,057	0,298
CHR13	13664548	CHR13:13664548	SSF x LoA	-11,663	0,041	0,299
CHR13	13664606	CHR13:13664606	SSF x LoA	-9,954	0,103	0,281
CHR13	13669769	CHR13:13669769	SSF x LoA	-8,778	0,008	0,284
CHR13	13674576	CHR13:13674576	SSF x LoA	-5,935	0,120	0,283
CHR13	13674669	CHR13:13674669	SSF x LoA	-10,371	0,081	0,304
CHR13	13680492	CHR13:13680492	SSF x LoA	-8,135	0,081	0,292
CHR13	13680813	CHR13:13680813	SSF x LoA	-8,738	0,095	0,281
CHR13	13680852	CHR13:13680852	SSF x LoA	-9,142	0,094	0,292

CHR13	13682029	CHR13:1368202	SSF x LoA	-7,912	0,073	0,283
CHR13	13725753	CHR13:1372575	SSF x LoA	-11,241	0,048	0,282
CHR13	13725788	CHR13:1372578	SSF x LoA	-8,176	0,013	0,309
CHR13	13725894	CHR13:1372589	SSF x LoA	-7,685	0,060	0,299
CHR13	13725977	CHR13:1372597	SSF x LoA	-9,049	0,051	0,287
CHR13	13734440	CHR13:1373444	SSF x LoA	-6,021	-0,060	0,297
CHR13	13734469	CHR13:1373446	SSF x LoA	-10,623	-0,072	0,297
CHR13	13734553	CHR13:1373455	SSF x LoA	-8,208	0,012	0,297
CHR13	13735802	CHR13:1373580	SSF x LoA	-9,433	0,022	0,298
CHR13	13735859	CHR13:1373585	SSF x LoA	-9,619	0,004	0,282
CHR13	13735932	CHR13:1373593	SSF x LoA	-9,557	-0,069	0,271
CHR13	13735941	CHR13:1373594	SSF x LoA	-5,860	0,119	0,274
CHR13	13748727	CHR13:1374872	SSF x LoA	-7,803	0,008	0,302
CHR13	13750992	CHR13:1375099	SSF x LoA	-9,055	-0,068	0,284
CHR13	13751600	CHR13:1375160	SSF x LoA	-6,255	-0,048	0,302
CHR13	13752547	CHR13:1375254	SSF x LoA	-9,802	-0,014	0,303
CHR13	13752549	CHR13:1375254	SSF x LoA	-8,598	0,117	0,290
CHR13	13755558	CHR13:1375555	SSF x LoA	-7,077	-0,130	0,299
CHR13	13755646	CHR13:1375564	SSF x LoA	-7,384	-0,137	0,278
CHR13	13755669	CHR13:1375566	SSF x LoA	-6,982	-0,155	0,288
CHR13	13755672	CHR13:1375567	SSF x LoA	-2,344	0,291	0,270
CHR13	13784719	CHR13:1378471	SSF x LoA	-9,563	0,065	0,285
CHR13	13793048	CHR13:1379304	SSF x LoA	-8,328	-0,060	0,299
CHR13	13793086	CHR13:1379308	SSF x LoA	-8,876	0,112	0,292
CHR13	13793117	CHR13:1379311	SSF x LoA	-10,527	-0,081	0,293
CHR13	13793153	CHR13:1379315	SSF x LoA	-7,307	0,150	0,278
CHR13	13795060	CHR13:1379506	SSF x LoA	-9,016	-0,037	0,296
CHR13	13808750	CHR13:1380875	SSF x LoA	-8,484	0,097	0,302
CHR13	13808784	CHR13:1380878	SSF x LoA	-10,590	-0,030	0,304
CHR13	13817963	CHR13:1381796	SSF x LoA	-7,620	0,030	0,290
CHR13	13817967	CHR13:1381796	SSF x LoA	-8,101	0,053	0,299
CHR13	13817970	CHR13:1381797	SSF x LoA	-7,922	0,077	0,294
CHR13	13817981	CHR13:1381798	SSF x LoA	-10,879	-0,026	0,303
CHR13	13818068	CHR13:1381806	SSF x LoA	-8,490	-0,003	0,301
CHR13	13818071	CHR13:1381807	SSF x LoA	-8,504	0,059	0,283
CHR13	13823100	CHR13:1382310	SSF x LoA	-7,562	-0,101	0,280
CHR13	13823109	CHR13:1382310	SSF x LoA	-4,297	-0,084	0,302
CHR13	13823247	CHR13:1382324	SSF x LoA	-4,353	0,056	0,283
CHR13	13830657	CHR13:1383065	SSF x LoA	-7,535	0,071	0,292
CHR13	13830708	CHR13:1383070	SSF x LoA	-7,777	0,132	0,298
CHR13	13830766	CHR13:1383076	SSF x LoA	-5,442	-0,219	0,258
CHR13	13830771	CHR13:1383077	SSF x LoA	2,319	0,097	0,285
CHR13	13878398	CHR13:1387839	SSF x LoA	-10,473	-0,001	0,274
CHR13	13878816	CHR13:1387881	SSF x LoA	-6,834	-0,194	0,268
CHR13	1388478	CHR13:1388478	SSF x LoA	-7,648	0,057	0,284
CHR13	13887832	CHR13:1388783	SSF x LoA	-9,312	-0,096	0,295
CHR13	1390533	CHR13:1390533	SSF x LoA	-2,981	0,145	0,281
CHR13	1390633	CHR13:1390633	SSF x LoA	-10,463	-0,116	0,285
CHR13	13944543	CHR13:1394454	SSF x LoA	5,889	-0,082	0,298
CHR13	13951409	CHR13:1395140	SSF x LoA	-8,497	-0,061	0,295
CHR13	13951586	CHR13:1395158	SSF x LoA	-9,812	-0,040	0,287
CHR13	13951596	CHR13:1395159	SSF x LoA	-10,214	-0,040	0,284
CHR13	13951646	CHR13:1395164	SSF x LoA	-7,165	-0,080	0,297

CHR13	13951712	CHR13:13951712	SSF x LoA	-4,425	0,191	0,293
CHR13	13964394	CHR13:13964394	SSF x LoA	-9,419	0,030	0,283
CHR13	13980294	CHR13:13980294	SSF x LoA	-6,140	-0,133	0,277
CHR13	13980613	CHR13:13980613	SSF x LoA	-8,553	-0,034	0,277
CHR13	13980710	CHR13:13980710	SSF x LoA	-10,729	0,036	0,286
CHR13	14029278	CHR13:14029278	SSF x LoA	-7,891	0,111	0,281
CHR13	14029386	CHR13:14029386	SSF x LoA	-8,890	-0,028	0,309
CHR13	14029390	CHR13:14029390	SSF x LoA	-8,301	0,085	0,299
CHR13	14029403	CHR13:14029403	SSF x LoA	-8,160	-0,058	0,290
CHR13	14029544	CHR13:14029544	SSF x LoA	-8,441	0,050	0,287
CHR13	14029601	CHR13:14029601	SSF x LoA	-6,687	-0,084	0,291
CHR13	1403148	CHR13:1403148	SSF x LoA	-7,880	-0,124	0,277
CHR13	1403170	CHR13:1403170	SSF x LoA	-8,459	0,075	0,289
CHR13	1403211	CHR13:1403211	SSF x LoA	-7,599	0,044	0,283
CHR13	1403226	CHR13:1403226	SSF x LoA	-9,091	-0,126	0,273
CHR13	1403245	CHR13:1403245	SSF x LoA	-8,673	-0,116	0,283
CHR13	1403311	CHR13:1403311	SSF x LoA	-9,001	-0,006	0,288
CHR13	14033474	CHR13:14033474	SSF x LoA	-8,461	-0,063	0,295
CHR13	14033500	CHR13:14033500	SSF x LoA	-8,656	0,125	0,287
CHR13	14055992	CHR13:14055992	SSF x LoA	4,499	0,176	0,289
CHR13	14056094	CHR13:14056094	SSF x LoA	-7,669	-0,045	0,288
CHR13	14062039	CHR13:14062039	SSF x LoA	-5,482	0,128	0,269
CHR13	14096962	CHR13:14096962	SSF x LoA	-8,251	0,001	0,295
CHR13	14106716	CHR13:14106716	SSF x LoA	-10,927	0,019	0,297
CHR13	1411633	CHR13:1411633	SSF x LoA	-7,939	-0,038	0,260
CHR13	14116679	CHR13:14116679	SSF x LoA	-7,397	-0,073	0,294
CHR13	14116688	CHR13:14116688	SSF x LoA	-9,135	-0,124	0,289
CHR13	1411761	CHR13:1411761	SSF x LoA	-9,384	0,088	0,296
CHR13	1411777	CHR13:1411777	SSF x LoA	-9,345	-0,088	0,294
CHR13	14168709	CHR13:14168709	SSF x LoA	-7,377	0,037	0,292
CHR13	14191353	CHR13:14191353	SSF x LoA	-9,105	0,016	0,300
CHR13	14191766	CHR13:14191766	SSF x LoA	-9,725	-0,033	0,293
CHR13	14253670	CHR13:14253670	SSF x LoA	-0,787	-0,166	0,285
CHR13	14253678	CHR13:14253678	SSF x LoA	-11,204	-0,023	0,293
CHR13	14256725	CHR13:14256725	SSF x LoA	-8,408	-0,048	0,288
CHR13	14256783	CHR13:14256783	SSF x LoA	-8,905	-0,043	0,294
CHR13	14258951	CHR13:14258951	SSF x LoA	-7,517	0,059	0,302
CHR13	14258972	CHR13:14258972	SSF x LoA	-10,800	-0,022	0,287
CHR13	14262354	CHR13:14262354	SSF x LoA	-3,184	-0,136	0,285
CHR13	14269172	CHR13:14269172	SSF x LoA	-11,086	0,016	0,283
CHR13	14302812	CHR13:14302812	SSF x LoA	-10,018	0,062	0,280
CHR13	14339198	CHR13:14339198	SSF x LoA	-7,973	-0,021	0,289
CHR13	1439153	CHR13:1439153	SSF x LoA	-10,527	-0,040	0,291
CHR13	1439218	CHR13:1439218	SSF x LoA	-9,084	-0,030	0,286
CHR13	1439250	CHR13:1439250	SSF x LoA	-8,553	0,132	0,288
CHR13	1439263	CHR13:1439263	SSF x LoA	-7,342	-0,070	0,297
CHR13	1439264	CHR13:1439264	SSF x LoA	-8,481	-0,038	0,298
CHR13	1439279	CHR13:1439279	SSF x LoA	-6,701	0,129	0,295
CHR13	1439290	CHR13:1439290	SSF x LoA	-11,917	-0,032	0,284
CHR13	1439303	CHR13:1439303	SSF x LoA	-9,693	0,005	0,288
CHR13	1439335	CHR13:1439335	SSF x LoA	-9,968	0,002	0,289
CHR13	1439358	CHR13:1439358	SSF x LoA	-9,993	0,042	0,296
CHR13	1439371	CHR13:1439371	SSF x LoA	-10,463	-0,040	0,285

CHR13	1449569	CHR13:1449569	SSF x LoA	-10,188	0,114	0,295
CHR13	1449743	CHR13:1449743	SSF x LoA	-8,043	0,028	0,291
CHR13	1449747	CHR13:1449747	SSF x LoA	-7,427	0,016	0,296
CHR13	1449766	CHR13:1449766	SSF x LoA	-6,889	-0,088	0,286
CHR13	1449772	CHR13:1449772	SSF x LoA	-8,063	-0,086	0,286
CHR13	1458817	CHR13:1458817	SSF x LoA	-9,053	0,029	0,283
CHR13	1458827	CHR13:1458827	SSF x LoA	-6,813	-0,140	0,282
CHR13	1458858	CHR13:1458858	SSF x LoA	-8,093	0,043	0,283
CHR13	1458870	CHR13:1458870	SSF x LoA	-9,098	0,075	0,292
CHR13	1458907	CHR13:1458907	SSF x LoA	-8,417	0,099	0,306
CHR13	1461039	CHR13:1461039	SSF x LoA	-9,820	0,108	0,284
CHR13	1461350	CHR13:1461350	SSF x LoA	-8,584	-0,130	0,274
CHR13	1461360	CHR13:1461360	SSF x LoA	-9,775	-0,026	0,293
CHR13	1461362	CHR13:1461362	SSF x LoA	-8,634	0,025	0,299
CHR13	1461364	CHR13:1461364	SSF x LoA	-11,971	-0,009	0,283
CHR13	1461404	CHR13:1461404	SSF x LoA	-7,026	0,076	0,282
CHR13	1472260	CHR13:1472260	SSF x LoA	-9,713	0,040	0,270
CHR13	1472296	CHR13:1472296	SSF x LoA	-10,037	-0,024	0,274
CHR13	1472411	CHR13:1472411	SSF x LoA	-6,489	-0,093	0,275
CHR13	1472421	CHR13:1472421	SSF x LoA	-7,645	-0,089	0,282
CHR13	1472425	CHR13:1472425	SSF x LoA	-9,386	-0,094	0,275
CHR13	1472446	CHR13:1472446	SSF x LoA	-10,116	-0,035	0,293
CHR13	1472466	CHR13:1472466	SSF x LoA	-7,618	0,041	0,282
CHR13	1472545	CHR13:1472545	SSF x LoA	-7,386	-0,001	0,292
CHR13	1472564	CHR13:1472564	SSF x LoA	-8,975	0,085	0,294
CHR13	1506067	CHR13:1506067	SSF x LoA	-7,858	0,001	0,300
CHR13	1506071	CHR13:1506071	SSF x LoA	-9,630	0,071	0,300
CHR13	1506145	CHR13:1506145	SSF x LoA	-9,535	-0,075	0,291
CHR13	1506181	CHR13:1506181	SSF x LoA	-10,906	-0,034	0,293
CHR13	1506182	CHR13:1506182	SSF x LoA	-7,554	0,122	0,280
CHR13	1506188	CHR13:1506188	SSF x LoA	-9,368	0,073	0,294
CHR13	1506225	CHR13:1506225	SSF x LoA	-6,285	0,101	0,295
CHR13	1507674	CHR13:1507674	SSF x LoA	-9,194	0,064	0,297
CHR13	1507694	CHR13:1507694	SSF x LoA	-10,183	0,037	0,273
CHR13	1507724	CHR13:1507724	SSF x LoA	-7,012	-0,009	0,280
CHR13	1514694	CHR13:1514694	SSF x LoA	-7,355	0,083	0,272
CHR13	1514738	CHR13:1514738	SSF x LoA	-7,876	-0,094	0,293
CHR13	1515989	CHR13:1515989	SSF x LoA	1,382	-0,058	0,286
CHR13	1517066	CHR13:1517066	SSF x LoA	-11,108	0,077	0,275
CHR13	1522707	CHR13:1522707	SSF x LoA	-9,899	-0,016	0,275
CHR13	1522718	CHR13:1522718	SSF x LoA	-5,176	-0,140	0,287
CHR13	1522726	CHR13:1522726	SSF x LoA	-7,488	-0,101	0,287
CHR13	1529174	CHR13:1529174	SSF x LoA	-7,996	-0,013	0,291
CHR13	1529195	CHR13:1529195	SSF x LoA	-10,512	0,009	0,285
CHR13	1529212	CHR13:1529212	SSF x LoA	-10,011	0,025	0,292
CHR13	1529221	CHR13:1529221	SSF x LoA	-8,442	0,050	0,293
CHR13	1529254	CHR13:1529254	SSF x LoA	-4,986	-0,160	0,273
CHR13	1529352	CHR13:1529352	SSF x LoA	-5,792	-0,178	0,278
CHR13	1529374	CHR13:1529374	SSF x LoA	-7,416	-0,130	0,270
CHR13	1531099	CHR13:1531099	SSF x LoA	-9,278	0,056	0,291
CHR13	1536711	CHR13:1536711	SSF x LoA	-10,140	0,007	0,294
CHR13	1536723	CHR13:1536723	SSF x LoA	-9,902	-0,007	0,304
CHR13	1536765	CHR13:1536765	SSF x LoA	-3,431	0,112	0,278

CHR13	1536849	CHR13:1536849	SSF x LoA	-8,831	0,084	0,287
CHR13	1536853	CHR13:1536853	SSF x LoA	-6,293	0,145	0,286
CHR13	1551727	CHR13:1551727	SSF x LoA	-8,674	0,073	0,308
CHR13	1551845	CHR13:1551845	SSF x LoA	-9,968	0,005	0,292
CHR13	1551992	CHR13:1551992	SSF x LoA	-10,031	0,026	0,286
CHR13	1552024	CHR13:1552024	SSF x LoA	-10,259	0,056	0,285
CHR13	1557636	CHR13:1557636	SSF x LoA	-3,014	0,062	0,301
CHR13	1560027	CHR13:1560027	SSF x LoA	-8,320	-0,118	0,284
CHR13	1594049	CHR13:1594049	SSF x LoA	-9,462	-0,109	0,278
CHR13	1594052	CHR13:1594052	SSF x LoA	-6,691	0,156	0,284
CHR13	1594060	CHR13:1594060	SSF x LoA	-7,846	0,055	0,290
CHR13	1594068	CHR13:1594068	SSF x LoA	-8,349	-0,023	0,302
CHR13	1594097	CHR13:1594097	SSF x LoA	-9,436	0,033	0,285
CHR13	1594102	CHR13:1594102	SSF x LoA	-9,868	-0,056	0,292
CHR13	1594143	CHR13:1594143	SSF x LoA	-10,478	-0,051	0,293
CHR13	1594147	CHR13:1594147	SSF x LoA	-0,828	0,097	0,287
CHR13	1594182	CHR13:1594182	SSF x LoA	-8,497	-0,065	0,296
CHR13	1594196	CHR13:1594196	SSF x LoA	-4,949	-0,143	0,279
CHR13	1594212	CHR13:1594212	SSF x LoA	-9,265	0,034	0,301
CHR13	1594213	CHR13:1594213	SSF x LoA	-8,625	-0,009	0,294
CHR13	1596227	CHR13:1596227	SSF x LoA	-9,350	0,146	0,272
CHR13	1606244	CHR13:1606244	SSF x LoA	-10,303	-0,068	0,296
CHR13	1606301	CHR13:1606301	SSF x LoA	-8,346	0,219	0,283
CHR13	1606302	CHR13:1606302	SSF x LoA	-7,140	0,226	0,270
CHR13	1606365	CHR13:1606365	SSF x LoA	-10,531	-0,062	0,284
CHR13	1606433	CHR13:1606433	SSF x LoA	-7,443	-0,039	0,280
CHR13	1606439	CHR13:1606439	SSF x LoA	-8,039	-0,009	0,286
CHR13	1606451	CHR13:1606451	SSF x LoA	-8,208	-0,015	0,300
CHR13	1610592	CHR13:1610592	SSF x LoA	-8,773	0,017	0,286
CHR13	1610655	CHR13:1610655	SSF x LoA	-4,363	-0,228	0,280
CHR13	1618488	CHR13:1618488	SSF x LoA	-7,710	-0,172	0,287
CHR13	1618617	CHR13:1618617	SSF x LoA	-8,292	-0,075	0,287
CHR13	1618663	CHR13:1618663	SSF x LoA	-7,621	-0,057	0,302
CHR13	1618665	CHR13:1618665	SSF x LoA	-9,562	-0,035	0,295
CHR13	1618711	CHR13:1618711	SSF x LoA	-9,538	-0,080	0,283
CHR13	1664168	CHR13:1664168	SSF x LoA	-6,137	-0,216	0,272
CHR13	1664283	CHR13:1664283	SSF x LoA	-7,399	-0,008	0,290
CHR13	1664318	CHR13:1664318	SSF x LoA	-9,569	0,050	0,296
CHR13	1664490	CHR13:1664490	SSF x LoA	-10,859	0,000	0,300
CHR13	1670512	CHR13:1670512	SSF x LoA	-9,911	-0,006	0,290
CHR13	1670562	CHR13:1670562	SSF x LoA	-4,811	-0,240	0,283
CHR13	1670570	CHR13:1670570	SSF x LoA	-9,046	-0,065	0,280
CHR13	1670572	CHR13:1670572	SSF x LoA	-8,862	-0,046	0,284
CHR13	1670612	CHR13:1670612	SSF x LoA	-4,878	-0,130	0,282
CHR13	1670637	CHR13:1670637	SSF x LoA	-8,172	-0,073	0,281
CHR13	1673539	CHR13:1673539	SSF x LoA	-8,596	-0,121	0,269
CHR13	1673763	CHR13:1673763	SSF x LoA	-8,609	0,032	0,294
CHR13	1685922	CHR13:1685922	SSF x LoA	-9,565	-0,041	0,300
CHR13	168976	CHR13:168976	SSF x LoA	-7,596	-0,132	0,267
CHR13	168977	CHR13:168977	SSF x LoA	-6,227	-0,107	0,289
CHR13	1702877	CHR13:1702877	SSF x LoA	-6,262	0,154	0,295
CHR13	1712693	CHR13:1712693	SSF x LoA	-11,232	0,017	0,277
CHR13	1712861	CHR13:1712861	SSF x LoA	-8,196	0,090	0,295

CHR13	1733949	CHR13:1733949	SSF x LoA	-7,972	0,080	0,305
CHR13	1733981	CHR13:1733981	SSF x LoA	-5,299	-0,115	0,305
CHR13	1733982	CHR13:1733982	SSF x LoA	-4,658	-0,141	0,295
CHR13	1733987	CHR13:1733987	SSF x LoA	-8,040	-0,158	0,272
CHR13	1733998	CHR13:1733998	SSF x LoA	-7,020	-0,108	0,294
CHR13	1734000	CHR13:1734000	SSF x LoA	-6,426	-0,171	0,273
CHR13	1734069	CHR13:1734069	SSF x LoA	-8,831	0,041	0,275
CHR13	1734081	CHR13:1734081	SSF x LoA	-5,403	0,120	0,291
CHR13	1734125	CHR13:1734125	SSF x LoA	-8,211	0,050	0,293
CHR13	1734197	CHR13:1734197	SSF x LoA	-10,409	-0,130	0,289
CHR13	1736690	CHR13:1736690	SSF x LoA	-8,471	-0,043	0,283
CHR13	1736750	CHR13:1736750	SSF x LoA	-7,830	-0,080	0,288
CHR13	174616	CHR13:174616	SSF x LoA	-10,704	0,011	0,293
CHR13	174626	CHR13:174626	SSF x LoA	-10,044	-0,035	0,301
CHR13	174667	CHR13:174667	SSF x LoA	-11,045	-0,026	0,303
CHR13	1756875	CHR13:1756875	SSF x LoA	-9,219	0,062	0,278
CHR13	1775354	CHR13:1775354	SSF x LoA	-11,097	0,040	0,285
CHR13	1775436	CHR13:1775436	SSF x LoA	-9,400	-0,005	0,303
CHR13	1783054	CHR13:1783054	SSF x LoA	-10,744	-0,022	0,280
CHR13	18470	CHR13:18470	SSF x LoA	-7,764	-0,056	0,303
CHR13	266411	CHR13:266411	SSF x LoA	-9,222	-0,188	0,262
CHR13	270157	CHR13:270157	SSF x LoA	-11,088	-0,017	0,291
CHR13	270163	CHR13:270163	SSF x LoA	-11,220	0,051	0,290
CHR13	270328	CHR13:270328	SSF x LoA	-8,849	-0,016	0,285
CHR13	275379	CHR13:275379	SSF x LoA	-7,210	0,019	0,307
CHR13	281741	CHR13:281741	SSF x LoA	-8,086	0,004	0,313
CHR13	333305	CHR13:333305	SSF x LoA	-6,948	0,045	0,315
CHR13	34926	CHR13:34926	SSF x LoA	-10,911	0,041	0,286
CHR13	34947	CHR13:34947	SSF x LoA	-11,371	0,043	0,290
CHR13	385421	CHR13:385421	SSF x LoA	-9,063	-0,027	0,296
CHR13	397292	CHR13:397292	SSF x LoA	-7,030	-0,151	0,291
CHR13	397377	CHR13:397377	SSF x LoA	-9,623	0,092	0,292
CHR13	397434	CHR13:397434	SSF x LoA	-6,865	-0,107	0,283
CHR13	397447	CHR13:397447	SSF x LoA	-4,295	0,149	0,275
CHR13	399951	CHR13:399951	SSF x LoA	-8,562	0,040	0,278
CHR13	399962	CHR13:399962	SSF x LoA	-7,649	0,030	0,288
CHR13	399965	CHR13:399965	SSF x LoA	-8,137	-0,048	0,294
CHR13	399973	CHR13:399973	SSF x LoA	-8,662	-0,053	0,292
CHR13	399976	CHR13:399976	SSF x LoA	-6,874	0,062	0,294
CHR13	400096	CHR13:400096	SSF x LoA	-8,156	0,098	0,270
CHR13	400100	CHR13:400100	SSF x LoA	-5,415	0,100	0,278
CHR13	400133	CHR13:400133	SSF x LoA	-9,536	-0,002	0,270
CHR13	400135	CHR13:400135	SSF x LoA	-8,687	-0,003	0,288
CHR13	400139	CHR13:400139	SSF x LoA	-7,191	0,082	0,301
CHR13	400142	CHR13:400142	SSF x LoA	-8,799	-0,053	0,286
CHR13	400153	CHR13:400153	SSF x LoA	-11,313	-0,043	0,293
CHR13	400182	CHR13:400182	SSF x LoA	-8,322	-0,044	0,295
CHR13	406590	CHR13:406590	SSF x LoA	-2,561	-0,063	0,284
CHR13	406597	CHR13:406597	SSF x LoA	-9,695	0,093	0,284
CHR13	406606	CHR13:406606	SSF x LoA	-10,401	-0,050	0,285
CHR13	406611	CHR13:406611	SSF x LoA	-9,224	0,012	0,282
CHR13	406646	CHR13:406646	SSF x LoA	-6,695	0,053	0,281
CHR13	406658	CHR13:406658	SSF x LoA	-8,677	0,029	0,271

CHR13	406662	CHR13:406662	SSF x LoA	-7,679	0,005	0,303
CHR13	406676	CHR13:406676	SSF x LoA	-8,247	0,045	0,283
CHR13	406710	CHR13:406710	SSF x LoA	-6,374	0,034	0,296
CHR13	406714	CHR13:406714	SSF x LoA	-8,756	0,037	0,287
CHR13	406740	CHR13:406740	SSF x LoA	-6,890	-0,074	0,301
CHR13	406747	CHR13:406747	SSF x LoA	-8,103	0,033	0,304
CHR13	406857	CHR13:406857	SSF x LoA	-6,699	0,079	0,282
CHR13	411467	CHR13:411467	SSF x LoA	-7,022	0,164	0,293
CHR13	411527	CHR13:411527	SSF x LoA	-5,036	0,146	0,291
CHR13	411544	CHR13:411544	SSF x LoA	-8,046	0,023	0,306
CHR13	411749	CHR13:411749	SSF x LoA	-8,025	-0,080	0,286
CHR13	411789	CHR13:411789	SSF x LoA	-10,590	-0,009	0,297
CHR13	411792	CHR13:411792	SSF x LoA	-10,744	-0,091	0,281
CHR13	414845	CHR13:414845	SSF x LoA	-9,950	0,083	0,289
CHR13	414919	CHR13:414919	SSF x LoA	-7,352	0,025	0,301
CHR13	414933	CHR13:414933	SSF x LoA	-9,888	0,087	0,286
CHR13	414950	CHR13:414950	SSF x LoA	-9,571	0,026	0,277
CHR13	417175	CHR13:417175	SSF x LoA	-8,070	-0,111	0,285
CHR13	417218	CHR13:417218	SSF x LoA	-8,908	-0,032	0,285
CHR13	417247	CHR13:417247	SSF x LoA	-10,730	-0,121	0,284
CHR13	417259	CHR13:417259	SSF x LoA	-9,428	-0,074	0,302
CHR13	417265	CHR13:417265	SSF x LoA	-7,971	0,038	0,292
CHR13	417300	CHR13:417300	SSF x LoA	-10,745	0,062	0,291
CHR13	417352	CHR13:417352	SSF x LoA	-6,490	0,068	0,291
CHR13	417388	CHR13:417388	SSF x LoA	-10,803	0,003	0,283
CHR13	418121	CHR13:418121	SSF x LoA	-11,867	0,045	0,280
CHR13	418132	CHR13:418132	SSF x LoA	-10,621	0,023	0,299
CHR13	418186	CHR13:418186	SSF x LoA	-9,465	0,033	0,279
CHR13	418232	CHR13:418232	SSF x LoA	-7,998	-0,011	0,300
CHR13	418244	CHR13:418244	SSF x LoA	-6,262	0,059	0,299
CHR13	418451	CHR13:418451	SSF x LoA	-10,378	0,003	0,289
CHR13	418484	CHR13:418484	SSF x LoA	-8,537	-0,087	0,299
CHR13	418500	CHR13:418500	SSF x LoA	-10,154	-0,004	0,286
CHR13	4211254	CHR13:4211254	SSF x LoA	-8,766	0,033	0,292
CHR13	4211431	CHR13:4211431	SSF x LoA	-9,401	0,053	0,281
CHR13	4217605	CHR13:4217605	SSF x LoA	-9,383	-0,080	0,290
CHR13	4217786	CHR13:4217786	SSF x LoA	-10,339	-0,009	0,281
CHR13	4258207	CHR13:4258207	SSF x LoA	-7,798	-0,044	0,293
CHR13	4258215	CHR13:4258215	SSF x LoA	-10,391	-0,084	0,278
CHR13	4258239	CHR13:4258239	SSF x LoA	-7,368	-0,087	0,291
CHR13	4258455	CHR13:4258455	SSF x LoA	-8,916	-0,001	0,297
CHR13	4269458	CHR13:4269458	SSF x LoA	-10,102	0,062	0,288
CHR13	4287194	CHR13:4287194	SSF x LoA	-7,993	0,039	0,298
CHR13	4287261	CHR13:4287261	SSF x LoA	-9,138	0,014	0,276
CHR13	4287288	CHR13:4287288	SSF x LoA	-8,311	-0,061	0,278
CHR13	4287301	CHR13:4287301	SSF x LoA	-10,277	0,078	0,288
CHR13	4287360	CHR13:4287360	SSF x LoA	-2,299	0,034	0,295
CHR13	4287397	CHR13:4287397	SSF x LoA	-7,901	0,089	0,286
CHR13	428752	CHR13:428752	SSF x LoA	-9,165	0,006	0,285
CHR13	428789	CHR13:428789	SSF x LoA	-0,922	-0,032	0,312
CHR13	428827	CHR13:428827	SSF x LoA	-9,741	0,044	0,286
CHR13	4290838	CHR13:4290838	SSF x LoA	-7,131	0,063	0,296
CHR13	4290863	CHR13:4290863	SSF x LoA	-6,199	-0,102	0,294

CHR13	4290888	CHR13:4290888	SSF x LoA	-9,205	0,113	0,293
CHR13	4290976	CHR13:4290976	SSF x LoA	-8,295	-0,018	0,292
CHR13	4291058	CHR13:4291058	SSF x LoA	-7,930	0,153	0,295
CHR13	429229	CHR13:429229	SSF x LoA	-8,973	0,020	0,287
CHR13	429281	CHR13:429281	SSF x LoA	-8,230	-0,091	0,290
CHR13	429296	CHR13:429296	SSF x LoA	-5,727	-0,193	0,288
CHR13	4325068	CHR13:4325068	SSF x LoA	-7,562	0,052	0,283
CHR13	4325098	CHR13:4325098	SSF x LoA	-10,273	0,115	0,286
CHR13	4325165	CHR13:4325165	SSF x LoA	-8,353	0,006	0,302
CHR13	4325197	CHR13:4325197	SSF x LoA	-4,406	-0,194	0,282
CHR13	4325198	CHR13:4325198	SSF x LoA	-7,365	-0,209	0,267
CHR13	4325212	CHR13:4325212	SSF x LoA	-7,439	0,135	0,281
CHR13	4325213	CHR13:4325213	SSF x LoA	-11,603	0,025	0,287
CHR13	4325217	CHR13:4325217	SSF x LoA	-9,476	-0,151	0,265
CHR13	4332116	CHR13:4332116	SSF x LoA	-8,078	-0,098	0,284
CHR13	4332138	CHR13:4332138	SSF x LoA	-3,633	-0,064	0,289
CHR13	4332159	CHR13:4332159	SSF x LoA	-7,903	-0,068	0,279
CHR13	4332182	CHR13:4332182	SSF x LoA	-8,427	0,045	0,297
CHR13	4333340	CHR13:4333340	SSF x LoA	-10,597	0,000	0,282
CHR13	4333364	CHR13:4333364	SSF x LoA	-7,884	-0,007	0,291
CHR13	4333369	CHR13:4333369	SSF x LoA	-5,438	-0,017	0,302
CHR13	4333414	CHR13:4333414	SSF x LoA	-7,651	0,135	0,291
CHR13	4339041	CHR13:4339041	SSF x LoA	-8,589	0,025	0,288
CHR13	4339049	CHR13:4339049	SSF x LoA	-8,808	-0,052	0,279
CHR13	4339241	CHR13:4339241	SSF x LoA	-8,894	-0,015	0,289
CHR13	436027	CHR13:436027	SSF x LoA	-7,215	-0,042	0,282
CHR13	436035	CHR13:436035	SSF x LoA	-10,246	0,042	0,289
CHR13	436037	CHR13:436037	SSF x LoA	-11,077	-0,011	0,281
CHR13	436059	CHR13:436059	SSF x LoA	-10,789	0,036	0,286
CHR13	436142	CHR13:436142	SSF x LoA	-9,187	0,007	0,294
CHR13	436168	CHR13:436168	SSF x LoA	-8,471	0,082	0,279
CHR13	436170	CHR13:436170	SSF x LoA	-10,502	-0,029	0,288
CHR13	436194	CHR13:436194	SSF x LoA	-10,707	-0,032	0,287
CHR13	436201	CHR13:436201	SSF x LoA	-10,961	0,032	0,288
CHR13	436238	CHR13:436238	SSF x LoA	-10,969	0,014	0,296
CHR13	436244	CHR13:436244	SSF x LoA	-10,286	0,044	0,292
CHR13	436263	CHR13:436263	SSF x LoA	-8,869	-0,036	0,288
CHR13	436270	CHR13:436270	SSF x LoA	-8,207	-0,006	0,305
CHR13	436275	CHR13:436275	SSF x LoA	-10,748	-0,040	0,272
CHR13	436351	CHR13:436351	SSF x LoA	-8,507	-0,023	0,285
CHR13	436364	CHR13:436364	SSF x LoA	-10,989	0,028	0,271
CHR13	436376	CHR13:436376	SSF x LoA	-10,916	-0,041	0,286
CHR13	436402	CHR13:436402	SSF x LoA	-9,746	0,067	0,303
CHR13	4379258	CHR13:4379258	SSF x LoA	-10,458	-0,144	0,264
CHR13	4379419	CHR13:4379419	SSF x LoA	-11,247	0,025	0,285
CHR13	4379457	CHR13:4379457	SSF x LoA	-9,632	-0,068	0,284
CHR13	4383427	CHR13:4383427	SSF x LoA	-8,204	-0,161	0,287
CHR13	4386342	CHR13:4386342	SSF x LoA	-11,816	-0,066	0,273
CHR13	4386390	CHR13:4386390	SSF x LoA	-9,809	0,000	0,290
CHR13	4386420	CHR13:4386420	SSF x LoA	-10,407	-0,084	0,283
CHR13	4386432	CHR13:4386432	SSF x LoA	-8,177	0,097	0,289
CHR13	4386487	CHR13:4386487	SSF x LoA	-9,202	-0,011	0,295
CHR13	4386488	CHR13:4386488	SSF x LoA	-10,806	-0,022	0,287

CHR13	4386506	CHR13:4386506	SSF x LoA	-4,345	-0,162	0,290
CHR13	4386541	CHR13:4386541	SSF x LoA	-3,891	-0,146	0,289
CHR13	4401859	CHR13:4401859	SSF x LoA	-8,018	0,175	0,281
CHR13	4401896	CHR13:4401896	SSF x LoA	-8,592	0,127	0,288
CHR13	4401938	CHR13:4401938	SSF x LoA	-8,362	-0,110	0,281
CHR13	4401984	CHR13:4401984	SSF x LoA	-7,511	-0,015	0,280
CHR13	4401985	CHR13:4401985	SSF x LoA	-11,477	0,050	0,290
CHR13	4402018	CHR13:4402018	SSF x LoA	2,708	0,181	0,277
CHR13	4428994	CHR13:4428994	SSF x LoA	-10,712	-0,038	0,302
CHR13	4428999	CHR13:4428999	SSF x LoA	-10,849	-0,058	0,296
CHR13	4429030	CHR13:4429030	SSF x LoA	-10,710	-0,051	0,293
CHR13	4429110	CHR13:4429110	SSF x LoA	-8,851	-0,048	0,293
CHR13	4429115	CHR13:4429115	SSF x LoA	-7,179	-0,110	0,288
CHR13	4429167	CHR13:4429167	SSF x LoA	-4,389	-0,117	0,290
CHR13	4452003	CHR13:4452003	SSF x LoA	-11,666	-0,032	0,284
CHR13	4457933	CHR13:4457933	SSF x LoA	-2,474	0,109	0,296
CHR13	4457972	CHR13:4457972	SSF x LoA	-11,202	-0,017	0,286
CHR13	4457997	CHR13:4457997	SSF x LoA	-9,659	-0,052	0,298
CHR13	4464278	CHR13:4464278	SSF x LoA	-9,216	-0,089	0,291
CHR13	4464279	CHR13:4464279	SSF x LoA	-9,181	-0,082	0,286
CHR13	4464300	CHR13:4464300	SSF x LoA	-6,683	-0,211	0,264
CHR13	4464380	CHR13:4464380	SSF x LoA	-8,777	0,080	0,284
CHR13	4477193	CHR13:4477193	SSF x LoA	-9,417	-0,012	0,296
CHR13	4486908	CHR13:4486908	SSF x LoA	-8,513	0,039	0,298
CHR13	4492293	CHR13:4492293	SSF x LoA	-10,850	-0,067	0,301
CHR13	4493367	CHR13:4493367	SSF x LoA	-9,586	0,046	0,288
CHR13	4493420	CHR13:4493420	SSF x LoA	-8,197	0,014	0,300
CHR13	4497274	CHR13:4497274	SSF x LoA	-11,182	0,036	0,287
CHR13	4497305	CHR13:4497305	SSF x LoA	-7,303	0,085	0,289
CHR13	4497309	CHR13:4497309	SSF x LoA	-6,023	0,040	0,308
CHR13	4497390	CHR13:4497390	SSF x LoA	-10,814	-0,025	0,300
CHR13	4518475	CHR13:4518475	SSF x LoA	-6,476	0,087	0,277
CHR13	4536709	CHR13:4536709	SSF x LoA	-7,569	0,006	0,289
CHR13	4536768	CHR13:4536768	SSF x LoA	-8,055	0,090	0,285
CHR13	4536773	CHR13:4536773	SSF x LoA	-10,388	0,010	0,297
CHR13	4557453	CHR13:4557453	SSF x LoA	-8,861	0,090	0,284
CHR13	4557493	CHR13:4557493	SSF x LoA	-8,640	0,026	0,302
CHR13	4557509	CHR13:4557509	SSF x LoA	-8,340	0,075	0,283
CHR13	4561291	CHR13:4561291	SSF x LoA	-8,556	-0,018	0,285
CHR13	4561326	CHR13:4561326	SSF x LoA	-9,483	-0,120	0,288
CHR13	456477	CHR13:456477	SSF x LoA	-9,067	0,059	0,280
CHR13	456484	CHR13:456484	SSF x LoA	-9,205	0,170	0,271
CHR13	4616615	CHR13:4616615	SSF x LoA	-6,100	0,104	0,298
CHR13	4616723	CHR13:4616723	SSF x LoA	-8,678	-0,033	0,284
CHR13	4616738	CHR13:4616738	SSF x LoA	-9,056	-0,022	0,279
CHR13	4616915	CHR13:4616915	SSF x LoA	-9,337	0,052	0,289
CHR13	4635602	CHR13:4635602	SSF x LoA	-9,666	-0,050	0,289
CHR13	4635766	CHR13:4635766	SSF x LoA	-8,368	0,109	0,302
CHR13	4635773	CHR13:4635773	SSF x LoA	-9,241	0,064	0,287
CHR13	4635822	CHR13:4635822	SSF x LoA	-7,809	-0,042	0,283
CHR13	4661752	CHR13:4661752	SSF x LoA	1,632	0,191	0,295
CHR13	4661841	CHR13:4661841	SSF x LoA	-7,402	0,042	0,290
CHR13	4661931	CHR13:4661931	SSF x LoA	-9,076	-0,014	0,287

CHR13	4661948	CHR13:4661948	SSF x LoA	-9,213	-0,001	0,294
CHR13	4667521	CHR13:4667521	SSF x LoA	-8,468	0,104	0,286
CHR13	4670577	CHR13:4670577	SSF x LoA	-9,762	-0,096	0,285
CHR13	4670591	CHR13:4670591	SSF x LoA	-7,682	-0,067	0,284
CHR13	4670598	CHR13:4670598	SSF x LoA	-8,333	-0,037	0,295
CHR13	4670633	CHR13:4670633	SSF x LoA	-10,811	-0,042	0,283
CHR13	4670634	CHR13:4670634	SSF x LoA	-9,641	-0,048	0,288
CHR13	4670678	CHR13:4670678	SSF x LoA	-11,125	0,058	0,284
CHR13	4670777	CHR13:4670777	SSF x LoA	-7,149	-0,098	0,293
CHR13	4680690	CHR13:4680690	SSF x LoA	-5,780	0,177	0,272
CHR13	4680817	CHR13:4680817	SSF x LoA	-8,124	-0,129	0,289
CHR13	4680822	CHR13:4680822	SSF x LoA	-7,791	0,028	0,300
CHR13	4680886	CHR13:4680886	SSF x LoA	-6,888	0,073	0,286
CHR13	4689908	CHR13:4689908	SSF x LoA	-7,746	0,116	0,282
CHR13	4689922	CHR13:4689922	SSF x LoA	-9,157	-0,067	0,274
CHR13	4689946	CHR13:4689946	SSF x LoA	-9,934	-0,003	0,275
CHR13	4689959	CHR13:4689959	SSF x LoA	-9,513	0,026	0,274
CHR13	4690038	CHR13:4690038	SSF x LoA	-3,928	0,000	0,286
CHR13	4690066	CHR13:4690066	SSF x LoA	-10,205	0,013	0,285
CHR13	4690070	CHR13:4690070	SSF x LoA	-8,619	0,045	0,281
CHR13	4690086	CHR13:4690086	SSF x LoA	-10,275	0,060	0,277
CHR13	4712281	CHR13:4712281	SSF x LoA	-8,197	-0,001	0,308
CHR13	4714471	CHR13:4714471	SSF x LoA	-3,689	-0,202	0,288
CHR13	4714489	CHR13:4714489	SSF x LoA	-9,197	-0,099	0,292
CHR13	4714764	CHR13:4714764	SSF x LoA	-7,165	-0,127	0,284
CHR13	4718935	CHR13:4718935	SSF x LoA	-10,150	0,096	0,281
CHR13	4728153	CHR13:4728153	SSF x LoA	-8,590	-0,045	0,284
CHR13	4728818	CHR13:4728818	SSF x LoA	-8,319	0,117	0,286
CHR13	4729481	CHR13:4729481	SSF x LoA	-7,486	-0,087	0,291
CHR13	4729505	CHR13:4729505	SSF x LoA	-9,939	0,110	0,295
CHR13	4729550	CHR13:4729550	SSF x LoA	-6,204	-0,177	0,280
CHR13	4738104	CHR13:4738104	SSF x LoA	-10,569	-0,067	0,276
CHR13	4738201	CHR13:4738201	SSF x LoA	-8,198	0,037	0,298
CHR13	4738303	CHR13:4738303	SSF x LoA	-6,763	-0,151	0,281
CHR13	474672	CHR13:474672	SSF x LoA	-8,270	0,100	0,292
CHR13	474763	CHR13:474763	SSF x LoA	-9,560	0,137	0,280
CHR13	474850	CHR13:474850	SSF x LoA	-7,096	0,056	0,295
CHR13	474910	CHR13:474910	SSF x LoA	-9,296	0,034	0,276
CHR13	4750770	CHR13:4750770	SSF x LoA	-7,677	0,108	0,262
CHR13	4755913	CHR13:4755913	SSF x LoA	-6,921	0,045	0,311
CHR13	4772862	CHR13:4772862	SSF x LoA	-9,006	0,016	0,296
CHR13	4781337	CHR13:4781337	SSF x LoA	-8,388	0,004	0,289
CHR13	4781584	CHR13:4781584	SSF x LoA	-8,761	0,117	0,286
CHR13	480228	CHR13:480228	SSF x LoA	-8,603	0,096	0,285
CHR13	4802865	CHR13:4802865	SSF x LoA	-9,434	0,030	0,293
CHR13	480318	CHR13:480318	SSF x LoA	-11,113	-0,063	0,281
CHR13	480358	CHR13:480358	SSF x LoA	-7,631	-0,050	0,292
CHR13	480468	CHR13:480468	SSF x LoA	-7,503	0,036	0,299
CHR13	4815570	CHR13:4815570	SSF x LoA	-10,114	-0,093	0,284
CHR13	4843320	CHR13:4843320	SSF x LoA	-0,445	0,098	0,292
CHR13	4857653	CHR13:4857653	SSF x LoA	-8,681	-0,088	0,293
CHR13	4868738	CHR13:4868738	SSF x LoA	-8,343	-0,011	0,302
CHR13	504953	CHR13:504953	SSF x LoA	-11,077	0,003	0,300

CHR13	504999	CHR13:504999	SSF x LoA	-9,222	-0,034	0,286
CHR13	505097	CHR13:505097	SSF x LoA	-11,532	-0,043	0,282
CHR13	505106	CHR13:505106	SSF x LoA	-8,102	0,044	0,301
CHR13	511182	CHR13:511182	SSF x LoA	-9,444	0,112	0,291
CHR13	511187	CHR13:511187	SSF x LoA	-7,516	0,127	0,284
CHR13	511200	CHR13:511200	SSF x LoA	-10,240	-0,033	0,293
CHR13	511206	CHR13:511206	SSF x LoA	-10,381	-0,072	0,293
CHR13	511238	CHR13:511238	SSF x LoA	-8,127	-0,036	0,294
CHR13	511314	CHR13:511314	SSF x LoA	-10,307	-0,023	0,295
CHR13	525618	CHR13:525618	SSF x LoA	-8,764	-0,001	0,299
CHR13	5308493	CHR13:5308493	SSF x LoA	-8,233	-0,028	0,305
CHR13	5338437	CHR13:5338437	SSF x LoA	-2,711	0,079	0,290
CHR13	5343046	CHR13:5343046	SSF x LoA	-6,014	-0,129	0,297
CHR13	544857	CHR13:544857	SSF x LoA	-6,087	0,129	0,286
CHR13	544880	CHR13:544880	SSF x LoA	-10,629	-0,030	0,286
CHR13	544891	CHR13:544891	SSF x LoA	-4,574	0,081	0,296
CHR13	544935	CHR13:544935	SSF x LoA	-10,716	-0,073	0,286
CHR13	545127	CHR13:545127	SSF x LoA	-8,530	-0,036	0,305
CHR13	547588	CHR13:547588	SSF x LoA	-11,412	-0,069	0,287
CHR13	560901	CHR13:560901	SSF x LoA	-7,971	0,074	0,288
CHR13	560911	CHR13:560911	SSF x LoA	-7,946	-0,063	0,291
CHR13	562359	CHR13:562359	SSF x LoA	-8,904	0,025	0,285
CHR13	562480	CHR13:562480	SSF x LoA	-7,588	-0,068	0,293
CHR13	567862	CHR13:567862	SSF x LoA	-10,473	0,045	0,289
CHR13	567891	CHR13:567891	SSF x LoA	-9,215	-0,087	0,275
CHR13	567916	CHR13:567916	SSF x LoA	-7,961	-0,111	0,278
CHR13	568054	CHR13:568054	SSF x LoA	-10,628	-0,011	0,282
CHR13	568122	CHR13:568122	SSF x LoA	-9,059	-0,004	0,303
CHR13	577540	CHR13:577540	SSF x LoA	-4,977	-0,140	0,302
CHR13	577594	CHR13:577594	SSF x LoA	-9,806	-0,064	0,284
CHR13	584061	CHR13:584061	SSF x LoA	-9,212	0,098	0,283
CHR13	584065	CHR13:584065	SSF x LoA	-10,883	0,037	0,294
CHR13	584161	CHR13:584161	SSF x LoA	-9,072	-0,048	0,296
CHR13	584210	CHR13:584210	SSF x LoA	-9,723	0,035	0,298
CHR13	584250	CHR13:584250	SSF x LoA	-7,944	-0,149	0,282
CHR13	584303	CHR13:584303	SSF x LoA	-6,818	0,172	0,272
CHR13	5919905	CHR13:5919905	SSF x LoA	-8,312	-0,003	0,318
CHR13	5928951	CHR13:5928951	SSF x LoA	-9,090	0,009	0,292
CHR13	5947695	CHR13:5947695	SSF x LoA	-9,196	-0,129	0,296
CHR13	5947890	CHR13:5947890	SSF x LoA	-10,055	-0,078	0,292
CHR13	5947941	CHR13:5947941	SSF x LoA	-10,013	-0,069	0,290
CHR13	5948017	CHR13:5948017	SSF x LoA	-8,388	-0,134	0,279
CHR13	5967661	CHR13:5967661	SSF x LoA	-10,045	-0,042	0,271
CHR13	5967703	CHR13:5967703	SSF x LoA	-9,709	-0,057	0,270
CHR13	5967777	CHR13:5967777	SSF x LoA	-8,224	-0,031	0,277
CHR13	5976526	CHR13:5976526	SSF x LoA	-5,839	-0,082	0,281
CHR13	5976585	CHR13:5976585	SSF x LoA	-7,396	-0,046	0,283
CHR13	5985176	CHR13:5985176	SSF x LoA	-10,802	-0,034	0,282
CHR13	5985256	CHR13:5985256	SSF x LoA	-10,525	0,051	0,292
CHR13	5995584	CHR13:5995584	SSF x LoA	-7,671	0,074	0,287
CHR13	6005693	CHR13:6005693	SSF x LoA	-10,054	-0,093	0,276
CHR13	6005714	CHR13:6005714	SSF x LoA	-3,819	0,114	0,306
CHR13	6010797	CHR13:6010797	SSF x LoA	-11,023	-0,018	0,279

CHR13	6010829	CHR13:6010829	SSF x LoA	-4,497	0,106	0,285
CHR13	6012292	CHR13:6012292	SSF x LoA	-8,470	0,004	0,296
CHR13	6012462	CHR13:6012462	SSF x LoA	-8,086	-0,056	0,294
CHR13	6012510	CHR13:6012510	SSF x LoA	-10,088	0,055	0,282
CHR13	6031807	CHR13:6031807	SSF x LoA	-8,098	0,153	0,285
CHR13	603642	CHR13:603642	SSF x LoA	-5,738	0,066	0,287
CHR13	603690	CHR13:603690	SSF x LoA	-9,823	-0,090	0,302
CHR13	603730	CHR13:603730	SSF x LoA	-3,832	0,255	0,270
CHR13	6037423	CHR13:6037423	SSF x LoA	-8,976	-0,110	0,283
CHR13	603805	CHR13:603805	SSF x LoA	-7,783	0,096	0,290
CHR13	603887	CHR13:603887	SSF x LoA	-1,781	-0,147	0,284
CHR13	6044531	CHR13:6044531	SSF x LoA	-11,112	-0,052	0,292
CHR13	6044930	CHR13:6044930	SSF x LoA	-8,887	0,016	0,290
CHR13	605548	CHR13:605548	SSF x LoA	-9,478	0,062	0,294
CHR13	605613	CHR13:605613	SSF x LoA	-7,681	-0,069	0,287
CHR13	605617	CHR13:605617	SSF x LoA	-6,116	-0,124	0,290
CHR13	605678	CHR13:605678	SSF x LoA	-11,212	-0,042	0,274
CHR13	605780	CHR13:605780	SSF x LoA	-8,736	-0,059	0,306
CHR13	6058327	CHR13:6058327	SSF x LoA	-5,842	-0,091	0,288
CHR13	6058461	CHR13:6058461	SSF x LoA	-11,101	-0,001	0,290
CHR13	6058538	CHR13:6058538	SSF x LoA	-11,365	0,002	0,285
CHR13	6064310	CHR13:6064310	SSF x LoA	-10,482	-0,026	0,279
CHR13	6064375	CHR13:6064375	SSF x LoA	-10,603	0,039	0,284
CHR13	6064443	CHR13:6064443	SSF x LoA	-9,466	-0,008	0,299
CHR13	6064517	CHR13:6064517	SSF x LoA	-8,178	0,068	0,289
CHR13	6064522	CHR13:6064522	SSF x LoA	-8,334	-0,011	0,276
CHR13	6064524	CHR13:6064524	SSF x LoA	-7,070	0,001	0,289
CHR13	6071803	CHR13:6071803	SSF x LoA	-8,345	-0,080	0,316
CHR13	6071916	CHR13:6071916	SSF x LoA	-8,976	0,011	0,292
CHR13	6071976	CHR13:6071976	SSF x LoA	-8,001	-0,014	0,311
CHR13	6071978	CHR13:6071978	SSF x LoA	-10,625	-0,030	0,294
CHR13	6092160	CHR13:6092160	SSF x LoA	-11,173	-0,013	0,286
CHR13	6092245	CHR13:6092245	SSF x LoA	-9,189	-0,071	0,298
CHR13	6127601	CHR13:6127601	SSF x LoA	-9,901	0,014	0,304
CHR13	6127631	CHR13:6127631	SSF x LoA	-8,565	0,040	0,286
CHR13	6132187	CHR13:6132187	SSF x LoA	-8,100	-0,049	0,290
CHR13	6140797	CHR13:6140797	SSF x LoA	-8,377	0,089	0,299
CHR13	6140800	CHR13:6140800	SSF x LoA	-11,541	0,013	0,285
CHR13	6140822	CHR13:6140822	SSF x LoA	5,656	0,031	0,295
CHR13	6140874	CHR13:6140874	SSF x LoA	-10,343	-0,058	0,290
CHR13	6140875	CHR13:6140875	SSF x LoA	-11,499	-0,074	0,291
CHR13	6140942	CHR13:6140942	SSF x LoA	-9,189	0,027	0,292
CHR13	6142391	CHR13:6142391	SSF x LoA	-8,122	0,074	0,289
CHR13	6142492	CHR13:6142492	SSF x LoA	-6,511	0,105	0,298
CHR13	6144761	CHR13:6144761	SSF x LoA	-11,497	0,048	0,283
CHR13	6148437	CHR13:6148437	SSF x LoA	-10,965	0,034	0,281
CHR13	6148525	CHR13:6148525	SSF x LoA	-7,854	-0,047	0,299
CHR13	6161487	CHR13:6161487	SSF x LoA	-9,380	-0,144	0,263
CHR13	6170704	CHR13:6170704	SSF x LoA	-10,651	0,012	0,280
CHR13	6170800	CHR13:6170800	SSF x LoA	-10,063	-0,019	0,283
CHR13	6174033	CHR13:6174033	SSF x LoA	-10,567	-0,015	0,279
CHR13	6174140	CHR13:6174140	SSF x LoA	-5,793	-0,154	0,284
CHR13	6174213	CHR13:6174213	SSF x LoA	-3,716	-0,136	0,291

CHR13	6174218	CHR13:6174218	SSF x LoA	4,855	-0,201	0,279
CHR13	6216915	CHR13:6216915	SSF x LoA	-8,964	0,093	0,292
CHR13	6216941	CHR13:6216941	SSF x LoA	-10,263	0,053	0,285
CHR13	621699	CHR13:621699	SSF x LoA	-8,584	-0,107	0,278
CHR13	622375	CHR13:622375	SSF x LoA	-6,108	-0,134	0,286
CHR13	623812	CHR13:623812	SSF x LoA	-10,657	0,061	0,292
CHR13	623870	CHR13:623870	SSF x LoA	-10,316	0,084	0,291
CHR13	623876	CHR13:623876	SSF x LoA	-7,332	0,109	0,295
CHR13	623983	CHR13:623983	SSF x LoA	-8,105	0,027	0,289
CHR13	623991	CHR13:623991	SSF x LoA	-7,034	-0,154	0,270
CHR13	624019	CHR13:624019	SSF x LoA	-7,253	0,186	0,289
CHR13	624027	CHR13:624027	SSF x LoA	12,135	0,193	0,277
CHR13	6253630	CHR13:6253630	SSF x LoA	-5,495	0,060	0,287
CHR13	6253673	CHR13:6253673	SSF x LoA	-9,045	0,028	0,273
CHR13	6253851	CHR13:6253851	SSF x LoA	-10,705	0,033	0,298
CHR13	6296155	CHR13:6296155	SSF x LoA	-10,227	0,055	0,286
CHR13	6305114	CHR13:6305114	SSF x LoA	-7,824	0,085	0,289
CHR13	6305143	CHR13:6305143	SSF x LoA	-8,004	0,103	0,289
CHR13	6305212	CHR13:6305212	SSF x LoA	-9,183	-0,095	0,305
CHR13	632217	CHR13:632217	SSF x LoA	-8,707	0,086	0,290
CHR13	632221	CHR13:632221	SSF x LoA	-5,888	-0,146	0,295
CHR13	632292	CHR13:632292	SSF x LoA	-7,951	-0,001	0,291
CHR13	632296	CHR13:632296	SSF x LoA	-7,391	0,002	0,287
CHR13	632301	CHR13:632301	SSF x LoA	-7,385	0,013	0,274
CHR13	632316	CHR13:632316	SSF x LoA	-8,222	-0,059	0,299
CHR13	632812	CHR13:632812	SSF x LoA	-8,016	-0,051	0,270
CHR13	6350027	CHR13:6350027	SSF x LoA	-5,187	-0,214	0,273
CHR13	6350047	CHR13:6350047	SSF x LoA	-7,773	-0,054	0,301
CHR13	6350097	CHR13:6350097	SSF x LoA	-7,435	-0,150	0,277
CHR13	6350314	CHR13:6350314	SSF x LoA	-9,228	-0,009	0,286
CHR13	636842	CHR13:636842	SSF x LoA	-6,149	-0,158	0,282
CHR13	636852	CHR13:636852	SSF x LoA	-9,878	-0,043	0,285
CHR13	641387	CHR13:641387	SSF x LoA	-9,225	-0,038	0,286
CHR13	641397	CHR13:641397	SSF x LoA	-7,971	-0,076	0,296
CHR13	641466	CHR13:641466	SSF x LoA	-9,825	-0,104	0,287
CHR13	6416165	CHR13:6416165	SSF x LoA	-9,334	0,038	0,293
CHR13	6417693	CHR13:6417693	SSF x LoA	-7,529	-0,016	0,294
CHR13	6418897	CHR13:6418897	SSF x LoA	-9,420	-0,068	0,301
CHR13	6418927	CHR13:6418927	SSF x LoA	-8,415	0,003	0,295
CHR13	642214	CHR13:642214	SSF x LoA	-7,779	0,095	0,291
CHR13	6422891	CHR13:6422891	SSF x LoA	-8,924	0,002	0,292
CHR13	6423000	CHR13:6423000	SSF x LoA	-5,349	-0,008	0,282
CHR13	6423021	CHR13:6423021	SSF x LoA	-10,546	-0,015	0,276
CHR13	6423038	CHR13:6423038	SSF x LoA	-11,725	0,025	0,300
CHR13	6424231	CHR13:6424231	SSF x LoA	-10,326	0,019	0,289
CHR13	6424395	CHR13:6424395	SSF x LoA	-7,913	-0,190	0,290
CHR13	6424447	CHR13:6424447	SSF x LoA	-10,671	0,114	0,295
CHR13	6428033	CHR13:6428033	SSF x LoA	-6,609	-0,043	0,297
CHR13	6428050	CHR13:6428050	SSF x LoA	-6,875	-0,137	0,293
CHR13	6432902	CHR13:6432902	SSF x LoA	-7,637	0,130	0,287
CHR13	6432946	CHR13:6432946	SSF x LoA	-7,224	0,024	0,305
CHR13	6433044	CHR13:6433044	SSF x LoA	-7,909	0,067	0,285
CHR13	6433046	CHR13:6433046	SSF x LoA	-7,473	0,147	0,300

CHR13	6435143	CHR13:6435143	SSF x LoA	-8,920	0,060	0,293
CHR13	6443901	CHR13:6443901	SSF x LoA	-8,430	-0,118	0,287
CHR13	6443998	CHR13:6443998	SSF x LoA	-8,615	0,089	0,269
CHR13	6444003	CHR13:6444003	SSF x LoA	-7,751	0,115	0,278
CHR13	6444023	CHR13:6444023	SSF x LoA	-7,029	0,131	0,272
CHR13	6454750	CHR13:6454750	SSF x LoA	-9,364	-0,062	0,287
CHR13	6455080	CHR13:6455080	SSF x LoA	-9,363	-0,060	0,288
CHR13	6455098	CHR13:6455098	SSF x LoA	-9,600	-0,051	0,275
CHR13	6455127	CHR13:6455127	SSF x LoA	-10,346	-0,011	0,301
CHR13	6455128	CHR13:6455128	SSF x LoA	-10,699	-0,002	0,292
CHR13	6456625	CHR13:6456625	SSF x LoA	-8,410	0,185	0,288
CHR13	6456697	CHR13:6456697	SSF x LoA	-11,013	-0,037	0,283
CHR13	6456703	CHR13:6456703	SSF x LoA	-10,243	-0,053	0,285
CHR13	6475622	CHR13:6475622	SSF x LoA	-8,594	0,048	0,291
CHR13	6483405	CHR13:6483405	SSF x LoA	-9,426	0,111	0,292
CHR13	6499542	CHR13:6499542	SSF x LoA	-10,852	0,049	0,284
CHR13	6499639	CHR13:6499639	SSF x LoA	-10,909	0,057	0,281
CHR13	6499653	CHR13:6499653	SSF x LoA	-10,175	0,065	0,283
CHR13	6499688	CHR13:6499688	SSF x LoA	-11,514	-0,080	0,278
CHR13	6499709	CHR13:6499709	SSF x LoA	-9,316	0,095	0,289
CHR13	6499711	CHR13:6499711	SSF x LoA	-8,855	0,110	0,275
CHR13	6499745	CHR13:6499745	SSF x LoA	-9,828	0,049	0,289
CHR13	6499855	CHR13:6499855	SSF x LoA	-7,742	-0,063	0,302
CHR13	650334	CHR13:650334	SSF x LoA	-9,071	0,055	0,288
CHR13	650362	CHR13:650362	SSF x LoA	-11,211	-0,023	0,283
CHR13	650477	CHR13:650477	SSF x LoA	-9,384	-0,003	0,289
CHR13	650552	CHR13:650552	SSF x LoA	-7,958	-0,041	0,299
CHR13	6513633	CHR13:6513633	SSF x LoA	-8,782	-0,066	0,300
CHR13	6513639	CHR13:6513639	SSF x LoA	-9,350	-0,058	0,294
CHR13	6513898	CHR13:6513898	SSF x LoA	-7,780	-0,033	0,293
CHR13	6513930	CHR13:6513930	SSF x LoA	-9,980	0,078	0,286
CHR13	6514056	CHR13:6514056	SSF x LoA	-10,312	0,038	0,288
CHR13	6519944	CHR13:6519944	SSF x LoA	-9,596	-0,008	0,288
CHR13	6519996	CHR13:6519996	SSF x LoA	-7,582	0,075	0,293
CHR13	6520066	CHR13:6520066	SSF x LoA	-9,466	0,043	0,287
CHR13	6520093	CHR13:6520093	SSF x LoA	-7,403	0,136	0,282
CHR13	6520832	CHR13:6520832	SSF x LoA	-9,093	0,012	0,299
CHR13	6520843	CHR13:6520843	SSF x LoA	-8,068	0,067	0,283
CHR13	6520857	CHR13:6520857	SSF x LoA	-10,375	-0,003	0,301
CHR13	6520859	CHR13:6520859	SSF x LoA	-8,210	-0,004	0,296
CHR13	6520881	CHR13:6520881	SSF x LoA	-6,670	-0,109	0,282
CHR13	6520900	CHR13:6520900	SSF x LoA	-7,897	-0,111	0,282
CHR13	6520912	CHR13:6520912	SSF x LoA	-9,186	-0,047	0,297
CHR13	6535039	CHR13:6535039	SSF x LoA	-8,497	-0,109	0,283
CHR13	6535078	CHR13:6535078	SSF x LoA	-10,463	-0,063	0,286
CHR13	6535162	CHR13:6535162	SSF x LoA	-11,102	-0,046	0,279
CHR13	6535247	CHR13:6535247	SSF x LoA	-8,609	-0,112	0,289
CHR13	6537062	CHR13:6537062	SSF x LoA	-8,832	-0,115	0,281
CHR13	6537076	CHR13:6537076	SSF x LoA	-9,946	0,005	0,278
CHR13	6537109	CHR13:6537109	SSF x LoA	-10,954	0,027	0,279
CHR13	6541320	CHR13:6541320	SSF x LoA	-10,689	0,031	0,275
CHR13	6550776	CHR13:6550776	SSF x LoA	-8,494	-0,024	0,281
CHR13	6551085	CHR13:6551085	SSF x LoA	-8,704	0,086	0,258

CHR13	6551131	CHR13:6551131	SSF x LoA	-8,718	0,000	0,275
CHR13	6565102	CHR13:6565102	SSF x LoA	-10,056	-0,021	0,297
CHR13	656930	CHR13:656930	SSF x LoA	-10,304	-0,135	0,292
CHR13	656938	CHR13:656938	SSF x LoA	-8,193	-0,134	0,275
CHR13	657115	CHR13:657115	SSF x LoA	-10,136	-0,039	0,297
CHR13	657134	CHR13:657134	SSF x LoA	-8,331	-0,047	0,293
CHR13	6581992	CHR13:6581992	SSF x LoA	-10,836	0,087	0,274
CHR13	6585250	CHR13:6585250	SSF x LoA	-9,310	-0,018	0,284
CHR13	6585290	CHR13:6585290	SSF x LoA	-8,690	-0,059	0,306
CHR13	6585374	CHR13:6585374	SSF x LoA	-7,912	-0,035	0,291
CHR13	6585379	CHR13:6585379	SSF x LoA	-3,248	0,053	0,272
CHR13	6585398	CHR13:6585398	SSF x LoA	-8,284	0,028	0,277
CHR13	6585400	CHR13:6585400	SSF x LoA	-8,452	0,049	0,275
CHR13	6585507	CHR13:6585507	SSF x LoA	-8,756	-0,011	0,282
CHR13	6585645	CHR13:6585645	SSF x LoA	-7,939	0,090	0,280
CHR13	6638542	CHR13:6638542	SSF x LoA	-10,757	0,047	0,289
CHR13	6638912	CHR13:6638912	SSF x LoA	-9,488	0,118	0,278
CHR13	6644173	CHR13:6644173	SSF x LoA	-6,800	0,092	0,283
CHR13	6652819	CHR13:6652819	SSF x LoA	-9,034	0,058	0,264
CHR13	6652823	CHR13:6652823	SSF x LoA	-8,055	-0,064	0,279
CHR13	6652855	CHR13:6652855	SSF x LoA	-6,966	0,031	0,300
CHR13	6652857	CHR13:6652857	SSF x LoA	-8,457	0,019	0,284
CHR13	6652893	CHR13:6652893	SSF x LoA	-8,285	-0,008	0,306
CHR13	6652900	CHR13:6652900	SSF x LoA	-10,315	0,014	0,294
CHR13	6652953	CHR13:6652953	SSF x LoA	-9,510	0,007	0,289
CHR13	6652981	CHR13:6652981	SSF x LoA	-10,605	-0,001	0,287
CHR13	6654140	CHR13:6654140	SSF x LoA	-9,708	-0,037	0,305
CHR13	6654360	CHR13:6654360	SSF x LoA	-3,846	-0,186	0,292
CHR13	6654368	CHR13:6654368	SSF x LoA	-1,634	0,232	0,277
CHR13	6662230	CHR13:6662230	SSF x LoA	-7,086	0,000	0,292
CHR13	6662306	CHR13:6662306	SSF x LoA	-5,406	0,237	0,272
CHR13	6662380	CHR13:6662380	SSF x LoA	-8,779	-0,064	0,285
CHR13	6663769	CHR13:6663769	SSF x LoA	-10,288	0,036	0,291
CHR13	6663822	CHR13:6663822	SSF x LoA	-6,842	-0,094	0,303
CHR13	6663828	CHR13:6663828	SSF x LoA	-7,942	-0,002	0,300
CHR13	6663873	CHR13:6663873	SSF x LoA	-8,542	-0,041	0,287
CHR13	6663891	CHR13:6663891	SSF x LoA	-8,422	0,001	0,297
CHR13	6663969	CHR13:6663969	SSF x LoA	-6,625	-0,039	0,288
CHR13	6664037	CHR13:6664037	SSF x LoA	-6,700	-0,073	0,298
CHR13	6674070	CHR13:6674070	SSF x LoA	-8,774	-0,101	0,284
CHR13	6674121	CHR13:6674121	SSF x LoA	-7,491	-0,164	0,273
CHR13	6685006	CHR13:6685006	SSF x LoA	-7,774	0,079	0,279
CHR13	6685060	CHR13:6685060	SSF x LoA	-11,025	-0,065	0,282
CHR13	6685113	CHR13:6685113	SSF x LoA	-6,309	0,212	0,282
CHR13	6685153	CHR13:6685153	SSF x LoA	-5,367	0,194	0,285
CHR13	6692327	CHR13:6692327	SSF x LoA	-9,635	-0,037	0,292
CHR13	6692343	CHR13:6692343	SSF x LoA	-9,767	-0,010	0,285
CHR13	6704437	CHR13:6704437	SSF x LoA	-9,242	-0,006	0,297
CHR13	6704599	CHR13:6704599	SSF x LoA	-8,038	0,037	0,300
CHR13	6718985	CHR13:6718985	SSF x LoA	-6,017	0,072	0,290
CHR13	6718986	CHR13:6718986	SSF x LoA	-8,314	0,099	0,292
CHR13	6743684	CHR13:6743684	SSF x LoA	-8,109	-0,037	0,298
CHR13	6747499	CHR13:6747499	SSF x LoA	-9,389	0,040	0,286

CHR13	6747746	CHR13:6747746	SSF x LoA	-4,172	0,212	0,267
CHR13	6747851	CHR13:6747851	SSF x LoA	-6,838	0,034	0,304
CHR13	6747866	CHR13:6747866	SSF x LoA	-6,832	-0,091	0,294
CHR13	6747868	CHR13:6747868	SSF x LoA	-7,146	-0,098	0,297
CHR13	6752925	CHR13:6752925	SSF x LoA	-4,824	-0,087	0,289
CHR13	6752958	CHR13:6752958	SSF x LoA	-8,674	0,053	0,277
CHR13	6753003	CHR13:6753003	SSF x LoA	-7,489	0,112	0,281
CHR13	6756715	CHR13:6756715	SSF x LoA	-9,704	0,042	0,297
CHR13	6756725	CHR13:6756725	SSF x LoA	-8,933	-0,164	0,287
CHR13	6759180	CHR13:6759180	SSF x LoA	-11,494	-0,047	0,295
CHR13	6763648	CHR13:6763648	SSF x LoA	-10,960	-0,028	0,287
CHR13	6763673	CHR13:6763673	SSF x LoA	-10,705	-0,084	0,292
CHR13	6763768	CHR13:6763768	SSF x LoA	-9,594	0,000	0,288
CHR13	6763821	CHR13:6763821	SSF x LoA	-8,394	0,060	0,297
CHR13	6763897	CHR13:6763897	SSF x LoA	-8,806	0,013	0,281
CHR13	6764061	CHR13:6764061	SSF x LoA	-9,653	-0,033	0,285
CHR13	6764125	CHR13:6764125	SSF x LoA	-10,520	-0,008	0,294
CHR13	6774442	CHR13:6774442	SSF x LoA	-8,121	0,092	0,286
CHR13	6777658	CHR13:6777658	SSF x LoA	-12,090	0,037	0,284
CHR13	6777730	CHR13:6777730	SSF x LoA	-7,762	0,079	0,286
CHR13	6777745	CHR13:6777745	SSF x LoA	-8,689	0,045	0,292
CHR13	6777820	CHR13:6777820	SSF x LoA	-9,441	-0,011	0,293
CHR13	6777879	CHR13:6777879	SSF x LoA	-11,115	0,047	0,283
CHR13	6777886	CHR13:6777886	SSF x LoA	-11,328	0,031	0,281
CHR13	6785801	CHR13:6785801	SSF x LoA	-7,607	-0,015	0,295
CHR13	6785814	CHR13:6785814	SSF x LoA	-9,102	0,067	0,292
CHR13	6799138	CHR13:6799138	SSF x LoA	-8,127	0,020	0,288
CHR13	6799250	CHR13:6799250	SSF x LoA	-7,970	-0,167	0,284
CHR13	6801824	CHR13:6801824	SSF x LoA	-10,784	0,055	0,301
CHR13	6801896	CHR13:6801896	SSF x LoA	-2,636	0,063	0,302
CHR13	6801939	CHR13:6801939	SSF x LoA	-8,605	0,092	0,283
CHR13	6802106	CHR13:6802106	SSF x LoA	-7,364	0,025	0,284
CHR13	6807965	CHR13:6807965	SSF x LoA	-9,699	-0,061	0,294
CHR13	6825857	CHR13:6825857	SSF x LoA	-11,344	-0,051	0,290
CHR13	6837580	CHR13:6837580	SSF x LoA	-8,755	0,059	0,295
CHR13	684306	CHR13:684306	SSF x LoA	-9,950	0,022	0,302
CHR13	684397	CHR13:684397	SSF x LoA	-8,863	0,101	0,290
CHR13	684454	CHR13:684454	SSF x LoA	-10,220	0,023	0,290
CHR13	684475	CHR13:684475	SSF x LoA	-7,932	0,000	0,285
CHR13	684535	CHR13:684535	SSF x LoA	-10,168	-0,058	0,277
CHR13	6858957	CHR13:6858957	SSF x LoA	-7,489	0,100	0,310
CHR13	6868787	CHR13:6868787	SSF x LoA	-8,878	-0,020	0,298
CHR13	6874315	CHR13:6874315	SSF x LoA	-9,207	0,039	0,303
CHR13	6874317	CHR13:6874317	SSF x LoA	-8,626	-0,076	0,296
CHR13	6878793	CHR13:6878793	SSF x LoA	-7,449	-0,060	0,291
CHR13	6886294	CHR13:6886294	SSF x LoA	-7,206	-0,111	0,286
CHR13	6886503	CHR13:6886503	SSF x LoA	-8,474	0,010	0,303
CHR13	6886549	CHR13:6886549	SSF x LoA	-9,943	0,085	0,275
CHR13	6892082	CHR13:6892082	SSF x LoA	-9,392	0,048	0,303
CHR13	6892084	CHR13:6892084	SSF x LoA	-7,777	-0,126	0,277
CHR13	6892108	CHR13:6892108	SSF x LoA	-5,418	-0,175	0,282
CHR13	6892203	CHR13:6892203	SSF x LoA	-7,868	0,096	0,298
CHR13	6892327	CHR13:6892327	SSF x LoA	-8,746	-0,021	0,286

CHR13	6897833	CHR13:6897833	SSF x LoA	-8,127	0,047	0,297
CHR13	6897951	CHR13:6897951	SSF x LoA	-9,446	-0,125	0,282
CHR13	6923449	CHR13:6923449	SSF x LoA	-9,709	0,138	0,276
CHR13	6924179	CHR13:6924179	SSF x LoA	-6,613	-0,103	0,291
CHR13	6933031	CHR13:6933031	SSF x LoA	-8,007	-0,158	0,271
CHR13	6937206	CHR13:6937206	SSF x LoA	-9,437	-0,029	0,286
CHR13	696221	CHR13:696221	SSF x LoA	-10,292	0,091	0,287
CHR13	696271	CHR13:696271	SSF x LoA	-7,162	-0,037	0,291
CHR13	696274	CHR13:696274	SSF x LoA	-8,917	0,011	0,300
CHR13	6963226	CHR13:6963226	SSF x LoA	-8,810	-0,035	0,293
CHR13	696362	CHR13:696362	SSF x LoA	-10,365	0,105	0,280
CHR13	696384	CHR13:696384	SSF x LoA	-8,812	0,058	0,289
CHR13	696403	CHR13:696403	SSF x LoA	-7,585	0,055	0,299
CHR13	696445	CHR13:696445	SSF x LoA	-9,870	0,043	0,281
CHR13	696466	CHR13:696466	SSF x LoA	-8,591	0,056	0,281
CHR13	6965621	CHR13:6965621	SSF x LoA	-10,212	-0,053	0,284
CHR13	6965636	CHR13:6965636	SSF x LoA	-9,526	-0,061	0,281
CHR13	6965691	CHR13:6965691	SSF x LoA	-8,380	-0,054	0,260
CHR13	6984164	CHR13:6984164	SSF x LoA	-8,515	0,021	0,284
CHR13	6984168	CHR13:6984168	SSF x LoA	-4,113	0,023	0,290
CHR13	7007457	CHR13:7007457	SSF x LoA	-11,505	-0,050	0,286
CHR13	7007639	CHR13:7007639	SSF x LoA	-9,956	-0,071	0,278
CHR13	7012423	CHR13:7012423	SSF x LoA	-8,316	0,113	0,276
CHR13	7012640	CHR13:7012640	SSF x LoA	-10,873	0,026	0,284
CHR13	7014749	CHR13:7014749	SSF x LoA	-7,394	0,037	0,286
CHR13	701644	CHR13:701644	SSF x LoA	-9,136	0,140	0,291
CHR13	7019511	CHR13:7019511	SSF x LoA	-10,900	-0,005	0,296
CHR13	7019513	CHR13:7019513	SSF x LoA	-6,184	0,153	0,290
CHR13	7019559	CHR13:7019559	SSF x LoA	-7,554	0,047	0,295
CHR13	7019564	CHR13:7019564	SSF x LoA	-1,384	0,096	0,298
CHR13	7019573	CHR13:7019573	SSF x LoA	-8,939	0,084	0,283
CHR13	7019586	CHR13:7019586	SSF x LoA	-7,862	-0,010	0,307
CHR13	7019589	CHR13:7019589	SSF x LoA	-9,150	-0,001	0,292
CHR13	7019619	CHR13:7019619	SSF x LoA	-8,097	0,059	0,294
CHR13	7019702	CHR13:7019702	SSF x LoA	-7,853	-0,114	0,282
CHR13	7019761	CHR13:7019761	SSF x LoA	-7,402	-0,185	0,275
CHR13	7019776	CHR13:7019776	SSF x LoA	-10,683	0,020	0,283
CHR13	7019837	CHR13:7019837	SSF x LoA	-9,843	0,019	0,293
CHR13	7019855	CHR13:7019855	SSF x LoA	-8,438	0,071	0,301
CHR13	7019885	CHR13:7019885	SSF x LoA	-8,912	0,069	0,289
CHR13	7019893	CHR13:7019893	SSF x LoA	-8,396	0,042	0,292
CHR13	7022006	CHR13:7022006	SSF x LoA	-10,136	0,030	0,286
CHR13	7022246	CHR13:7022246	SSF x LoA	-9,013	-0,126	0,285
CHR13	7030074	CHR13:7030074	SSF x LoA	-11,661	-0,003	0,290
CHR13	7037973	CHR13:7037973	SSF x LoA	-9,064	-0,101	0,285
CHR13	7049073	CHR13:7049073	SSF x LoA	-9,310	-0,123	0,285
CHR13	7054215	CHR13:7054215	SSF x LoA	-8,184	-0,008	0,294
CHR13	7054273	CHR13:7054273	SSF x LoA	-9,870	0,130	0,284
CHR13	7064950	CHR13:7064950	SSF x LoA	-11,172	-0,001	0,288
CHR13	7065049	CHR13:7065049	SSF x LoA	-9,583	0,014	0,290
CHR13	710984	CHR13:710984	SSF x LoA	-7,388	-0,080	0,298
CHR13	711064	CHR13:711064	SSF x LoA	-6,166	-0,088	0,282
CHR13	711081	CHR13:711081	SSF x LoA	-7,959	0,050	0,290

CHR13	711127	CHR13:711127	SSF x LoA	-8,721	0,021	0,299
CHR13	711143	CHR13:711143	SSF x LoA	-8,468	0,057	0,295
CHR13	711151	CHR13:711151	SSF x LoA	-8,422	-0,073	0,281
CHR13	711162	CHR13:711162	SSF x LoA	-6,455	0,164	0,290
CHR13	711182	CHR13:711182	SSF x LoA	-10,316	0,103	0,288
CHR13	7114775	CHR13:7114775	SSF x LoA	0,016	-0,094	0,301
CHR13	7114787	CHR13:7114787	SSF x LoA	-9,329	-0,018	0,288
CHR13	7114960	CHR13:7114960	SSF x LoA	-9,461	-0,016	0,299
CHR13	7144033	CHR13:7144033	SSF x LoA	-9,594	-0,050	0,291
CHR13	7175599	CHR13:7175599	SSF x LoA	-9,740	0,133	0,286
CHR13	7175739	CHR13:7175739	SSF x LoA	-10,678	-0,076	0,271
CHR13	7175750	CHR13:7175750	SSF x LoA	-9,744	-0,008	0,293
CHR13	7175777	CHR13:7175777	SSF x LoA	-10,787	0,038	0,304
CHR13	7190110	CHR13:7190110	SSF x LoA	-6,534	0,035	0,285
CHR13	7190259	CHR13:7190259	SSF x LoA	-8,580	-0,051	0,281
CHR13	7196399	CHR13:7196399	SSF x LoA	-9,709	0,069	0,302
CHR13	7196435	CHR13:7196435	SSF x LoA	-9,905	0,021	0,282
CHR13	7222556	CHR13:7222556	SSF x LoA	-8,546	-0,106	0,283
CHR13	7222638	CHR13:7222638	SSF x LoA	-8,228	0,021	0,285
CHR13	7225579	CHR13:7225579	SSF x LoA	-8,443	0,030	0,289
CHR13	7225626	CHR13:7225626	SSF x LoA	-9,038	0,014	0,294
CHR13	7225627	CHR13:7225627	SSF x LoA	-8,057	0,006	0,296
CHR13	7234494	CHR13:7234494	SSF x LoA	-9,417	0,023	0,288
CHR13	7234547	CHR13:7234547	SSF x LoA	-6,515	-0,003	0,274
CHR13	7234640	CHR13:7234640	SSF x LoA	-8,422	-0,048	0,289
CHR13	7234698	CHR13:7234698	SSF x LoA	-8,345	-0,068	0,292
CHR13	7244519	CHR13:7244519	SSF x LoA	-11,094	0,030	0,290
CHR13	7244597	CHR13:7244597	SSF x LoA	-9,913	0,008	0,291
CHR13	7244601	CHR13:7244601	SSF x LoA	-7,634	0,052	0,296
CHR13	7263538	CHR13:7263538	SSF x LoA	-9,967	-0,043	0,294
CHR13	7263549	CHR13:7263549	SSF x LoA	-9,856	-0,101	0,290
CHR13	7274834	CHR13:7274834	SSF x LoA	-9,768	0,109	0,285
CHR13	7274916	CHR13:7274916	SSF x LoA	-8,802	-0,133	0,271
CHR13	7283338	CHR13:7283338	SSF x LoA	-8,996	0,011	0,284
CHR13	7283416	CHR13:7283416	SSF x LoA	-8,732	-0,036	0,287
CHR13	7283481	CHR13:7283481	SSF x LoA	-11,234	-0,007	0,288
CHR13	7303272	CHR13:7303272	SSF x LoA	-5,888	-0,093	0,301
CHR13	7303402	CHR13:7303402	SSF x LoA	-8,567	0,163	0,289
CHR13	7307242	CHR13:7307242	SSF x LoA	-7,929	0,006	0,297
CHR13	7307278	CHR13:7307278	SSF x LoA	-8,330	-0,086	0,279
CHR13	7307350	CHR13:7307350	SSF x LoA	-4,315	-0,158	0,284
CHR13	7317760	CHR13:7317760	SSF x LoA	-9,127	-0,005	0,299
CHR13	7317761	CHR13:7317761	SSF x LoA	-8,365	0,096	0,296
CHR13	7317766	CHR13:7317766	SSF x LoA	-7,131	0,102	0,287
CHR13	7317808	CHR13:7317808	SSF x LoA	-10,164	-0,088	0,288
CHR13	7317812	CHR13:7317812	SSF x LoA	-8,673	0,099	0,307
CHR13	7317941	CHR13:7317941	SSF x LoA	-9,114	-0,046	0,283
CHR13	7317966	CHR13:7317966	SSF x LoA	-7,669	0,097	0,294
CHR13	7319618	CHR13:7319618	SSF x LoA	-8,020	-0,054	0,294
CHR13	7319626	CHR13:7319626	SSF x LoA	-10,009	0,004	0,294
CHR13	7319787	CHR13:7319787	SSF x LoA	-8,743	0,084	0,283
CHR13	7330555	CHR13:7330555	SSF x LoA	-10,547	0,019	0,299
CHR13	7331526	CHR13:7331526	SSF x LoA	-5,739	0,187	0,279

CHR13	7331570	CHR13:7331570	SSF x LoA	-8,898	0,072	0,274
CHR13	7335915	CHR13:7335915	SSF x LoA	-8,129	0,074	0,292
CHR13	7339166	CHR13:7339166	SSF x LoA	-8,252	-0,031	0,277
CHR13	7339171	CHR13:7339171	SSF x LoA	-8,249	-0,021	0,282
CHR13	7339275	CHR13:7339275	SSF x LoA	-11,351	0,009	0,293
CHR13	7339327	CHR13:7339327	SSF x LoA	-9,292	-0,098	0,285
CHR13	7339408	CHR13:7339408	SSF x LoA	-8,953	0,075	0,298
CHR13	7344267	CHR13:7344267	SSF x LoA	-10,381	-0,013	0,298
CHR13	7344485	CHR13:7344485	SSF x LoA	-10,180	-0,044	0,291
CHR13	7344493	CHR13:7344493	SSF x LoA	-4,876	-0,138	0,288
CHR13	7363444	CHR13:7363444	SSF x LoA	-8,548	0,023	0,284
CHR13	7363456	CHR13:7363456	SSF x LoA	-9,715	0,078	0,288
CHR13	7363671	CHR13:7363671	SSF x LoA	-8,830	0,045	0,304
CHR13	7363711	CHR13:7363711	SSF x LoA	-9,071	0,084	0,302
CHR13	7364949	CHR13:7364949	SSF x LoA	-9,561	-0,046	0,277
CHR13	7365785	CHR13:7365785	SSF x LoA	-7,654	0,089	0,293
CHR13	7365797	CHR13:7365797	SSF x LoA	-11,088	-0,071	0,284
CHR13	7365892	CHR13:7365892	SSF x LoA	-6,388	-0,188	0,275
CHR13	7365951	CHR13:7365951	SSF x LoA	-7,171	0,081	0,287
CHR13	7376438	CHR13:7376438	SSF x LoA	-7,262	-0,117	0,310
CHR13	7376481	CHR13:7376481	SSF x LoA	-8,622	0,023	0,287
CHR13	7376690	CHR13:7376690	SSF x LoA	-7,596	-0,092	0,276
CHR13	7381933	CHR13:7381933	SSF x LoA	-9,545	-0,009	0,276
CHR13	7394785	CHR13:7394785	SSF x LoA	-8,417	-0,069	0,297
CHR13	7394787	CHR13:7394787	SSF x LoA	-6,078	-0,176	0,271
CHR13	7395047	CHR13:7395047	SSF x LoA	-8,650	0,088	0,265
CHR13	7395049	CHR13:7395049	SSF x LoA	-10,565	0,036	0,280
CHR13	7398108	CHR13:7398108	SSF x LoA	-8,315	0,093	0,281
CHR13	7408138	CHR13:7408138	SSF x LoA	-7,264	-0,086	0,276
CHR13	740832	CHR13:740832	SSF x LoA	-10,317	-0,138	0,277
CHR13	7408363	CHR13:7408363	SSF x LoA	-6,420	0,160	0,288
CHR13	7410870	CHR13:7410870	SSF x LoA	-6,479	0,124	0,297
CHR13	7410890	CHR13:7410890	SSF x LoA	-8,010	0,129	0,281
CHR13	7414992	CHR13:7414992	SSF x LoA	-7,228	-0,095	0,294
CHR13	7432123	CHR13:7432123	SSF x LoA	-9,368	-0,001	0,292
CHR13	7432328	CHR13:7432328	SSF x LoA	-4,961	-0,168	0,294
CHR13	7432354	CHR13:7432354	SSF x LoA	-11,973	-0,033	0,290
CHR13	7444967	CHR13:7444967	SSF x LoA	-6,459	-0,184	0,270
CHR13	7445056	CHR13:7445056	SSF x LoA	-9,030	0,150	0,291
CHR13	7445096	CHR13:7445096	SSF x LoA	-3,086	0,160	0,283
CHR13	7455785	CHR13:7455785	SSF x LoA	-8,370	0,022	0,289
CHR13	7455844	CHR13:7455844	SSF x LoA	-5,815	-0,152	0,289
CHR13	7464492	CHR13:7464492	SSF x LoA	-9,137	0,015	0,284
CHR13	7466693	CHR13:7466693	SSF x LoA	-7,826	0,051	0,283
CHR13	747527	CHR13:747527	SSF x LoA	-10,362	-0,062	0,297
CHR13	7475667	CHR13:7475667	SSF x LoA	-11,897	0,018	0,286
CHR13	747623	CHR13:747623	SSF x LoA	-8,276	-0,044	0,296
CHR13	7478038	CHR13:7478038	SSF x LoA	-9,754	-0,059	0,290
CHR13	7482548	CHR13:7482548	SSF x LoA	-9,906	-0,058	0,278
CHR13	7482735	CHR13:7482735	SSF x LoA	-8,912	-0,027	0,287
CHR13	7485443	CHR13:7485443	SSF x LoA	-8,298	0,020	0,282
CHR13	7505357	CHR13:7505357	SSF x LoA	-11,161	0,013	0,298
CHR13	7505622	CHR13:7505622	SSF x LoA	-10,566	0,012	0,292

CHR13	7514629	CHR13:7514629	SSF x LoA	-7,326	-0,065	0,277
CHR13	7514631	CHR13:7514631	SSF x LoA	-5,399	-0,085	0,289
CHR13	7514755	CHR13:7514755	SSF x LoA	-7,956	0,003	0,294
CHR13	7514770	CHR13:7514770	SSF x LoA	-8,222	-0,004	0,290
CHR13	7514788	CHR13:7514788	SSF x LoA	-8,196	0,023	0,274
CHR13	7514879	CHR13:7514879	SSF x LoA	-7,260	0,136	0,253
CHR13	752931	CHR13:752931	SSF x LoA	-6,759	0,131	0,299
CHR13	752954	CHR13:752954	SSF x LoA	-8,497	0,085	0,292
CHR13	752965	CHR13:752965	SSF x LoA	-10,013	0,088	0,278
CHR13	753065	CHR13:753065	SSF x LoA	-8,983	-0,075	0,274
CHR13	753070	CHR13:753070	SSF x LoA	-6,649	-0,093	0,294
CHR13	753085	CHR13:753085	SSF x LoA	-10,062	-0,021	0,307
CHR13	753136	CHR13:753136	SSF x LoA	-8,650	0,058	0,283
CHR13	7550508	CHR13:7550508	SSF x LoA	-8,369	-0,013	0,273
CHR13	7554129	CHR13:7554129	SSF x LoA	-9,453	0,089	0,288
CHR13	755642	CHR13:755642	SSF x LoA	-9,344	-0,001	0,284
CHR13	7557559	CHR13:7557559	SSF x LoA	-11,163	-0,035	0,288
CHR13	7557707	CHR13:7557707	SSF x LoA	-10,612	0,062	0,285
CHR13	7557820	CHR13:7557820	SSF x LoA	-7,058	0,165	0,277
CHR13	7557821	CHR13:7557821	SSF x LoA	-8,911	0,027	0,299
CHR13	7557896	CHR13:7557896	SSF x LoA	-10,480	0,131	0,277
CHR13	7557935	CHR13:7557935	SSF x LoA	-8,306	-0,111	0,305
CHR13	758749	CHR13:758749	SSF x LoA	-8,935	-0,035	0,280
CHR13	758762	CHR13:758762	SSF x LoA	-5,808	0,120	0,280
CHR13	758826	CHR13:758826	SSF x LoA	-8,781	0,034	0,298
CHR13	758829	CHR13:758829	SSF x LoA	-8,418	0,191	0,279
CHR13	758852	CHR13:758852	SSF x LoA	-5,867	0,114	0,290
CHR13	7590479	CHR13:7590479	SSF x LoA	-2,951	-0,170	0,290
CHR13	7590527	CHR13:7590527	SSF x LoA	-9,807	-0,046	0,280
CHR13	7590604	CHR13:7590604	SSF x LoA	-7,702	-0,147	0,297
CHR13	7608929	CHR13:7608929	SSF x LoA	-9,270	-0,023	0,290
CHR13	7608986	CHR13:7608986	SSF x LoA	-7,728	-0,189	0,288
CHR13	7635546	CHR13:7635546	SSF x LoA	-8,662	-0,057	0,294
CHR13	7635629	CHR13:7635629	SSF x LoA	-6,024	0,188	0,280
CHR13	7635633	CHR13:7635633	SSF x LoA	-8,123	0,016	0,288
CHR13	7635661	CHR13:7635661	SSF x LoA	-8,449	0,081	0,296
CHR13	7635737	CHR13:7635737	SSF x LoA	-6,692	-0,032	0,293
CHR13	7643082	CHR13:7643082	SSF x LoA	-5,334	0,171	0,287
CHR13	7643200	CHR13:7643200	SSF x LoA	-10,859	-0,065	0,281
CHR13	7644665	CHR13:7644665	SSF x LoA	-8,976	-0,102	0,294
CHR13	7644722	CHR13:7644722	SSF x LoA	-8,454	-0,119	0,296
CHR13	7648697	CHR13:7648697	SSF x LoA	-4,705	0,196	0,296
CHR13	7656201	CHR13:7656201	SSF x LoA	-5,861	0,111	0,298
CHR13	7656302	CHR13:7656302	SSF x LoA	-6,442	0,047	0,288
CHR13	7660991	CHR13:7660991	SSF x LoA	-9,207	-0,130	0,280
CHR13	7661026	CHR13:7661026	SSF x LoA	-8,414	0,065	0,273
CHR13	7661065	CHR13:7661065	SSF x LoA	-9,046	0,026	0,287
CHR13	7661081	CHR13:7661081	SSF x LoA	-10,931	0,042	0,286
CHR13	7661096	CHR13:7661096	SSF x LoA	-10,849	-0,124	0,279
CHR13	7661126	CHR13:7661126	SSF x LoA	-7,648	0,168	0,276
CHR13	7661146	CHR13:7661146	SSF x LoA	-9,245	-0,046	0,302
CHR13	7680940	CHR13:7680940	SSF x LoA	-10,561	-0,041	0,295
CHR13	7686790	CHR13:7686790	SSF x LoA	-9,723	0,095	0,305

CHR13	7686825	CHR13:7686825	SSF x LoA	-8,473	0,020	0,305
CHR13	7686928	CHR13:7686928	SSF x LoA	-7,729	-0,021	0,288
CHR13	7694667	CHR13:7694667	SSF x LoA	-7,908	-0,122	0,295
CHR13	7694669	CHR13:7694669	SSF x LoA	-8,938	-0,086	0,279
CHR13	7698189	CHR13:7698189	SSF x LoA	-10,961	0,054	0,282
CHR13	7698250	CHR13:7698250	SSF x LoA	-5,590	0,134	0,303
CHR13	7711615	CHR13:7711615	SSF x LoA	-5,374	-0,056	0,297
CHR13	7711673	CHR13:7711673	SSF x LoA	-9,307	0,014	0,287
CHR13	7711681	CHR13:7711681	SSF x LoA	-9,558	0,071	0,291
CHR13	7711836	CHR13:7711836	SSF x LoA	-11,217	-0,061	0,286
CHR13	7713077	CHR13:7713077	SSF x LoA	-9,001	-0,143	0,275
CHR13	7717850	CHR13:7717850	SSF x LoA	-9,061	-0,041	0,315
CHR13	7717920	CHR13:7717920	SSF x LoA	-7,548	0,103	0,290
CHR13	7717976	CHR13:7717976	SSF x LoA	-10,024	-0,078	0,291
CHR13	7717977	CHR13:7717977	SSF x LoA	-5,903	-0,110	0,293
CHR13	7718211	CHR13:7718211	SSF x LoA	-9,371	0,066	0,284
CHR13	7720920	CHR13:7720920	SSF x LoA	-6,051	-0,145	0,292
CHR13	7721730	CHR13:7721730	SSF x LoA	-9,273	0,029	0,304
CHR13	7721782	CHR13:7721782	SSF x LoA	-7,935	-0,079	0,290
CHR13	7721798	CHR13:7721798	SSF x LoA	-10,066	-0,050	0,282
CHR13	7730404	CHR13:7730404	SSF x LoA	-9,539	-0,012	0,298
CHR13	7730508	CHR13:7730508	SSF x LoA	-9,329	0,085	0,310
CHR13	773058	CHR13:773058	SSF x LoA	-8,319	0,004	0,269
CHR13	773130	CHR13:773130	SSF x LoA	-9,681	-0,114	0,268
CHR13	7752879	CHR13:7752879	SSF x LoA	-8,833	0,003	0,306
CHR13	7753006	CHR13:7753006	SSF x LoA	-6,499	-0,030	0,288
CHR13	7753014	CHR13:7753014	SSF x LoA	-7,715	0,020	0,301
CHR13	7753076	CHR13:7753076	SSF x LoA	-10,094	-0,116	0,286
CHR13	7753133	CHR13:7753133	SSF x LoA	-8,603	-0,042	0,301
CHR13	7757392	CHR13:7757392	SSF x LoA	-8,432	0,117	0,281
CHR13	7757406	CHR13:7757406	SSF x LoA	-9,089	0,025	0,300
CHR13	7758928	CHR13:7758928	SSF x LoA	-4,932	0,000	0,283
CHR13	7759015	CHR13:7759015	SSF x LoA	-6,891	-0,032	0,301
CHR13	7762757	CHR13:7762757	SSF x LoA	-10,457	-0,038	0,297
CHR13	7778895	CHR13:7778895	SSF x LoA	-8,097	0,032	0,274
CHR13	7778973	CHR13:7778973	SSF x LoA	-9,978	0,109	0,287
CHR13	7778999	CHR13:7778999	SSF x LoA	-6,098	0,052	0,289
CHR13	7779007	CHR13:7779007	SSF x LoA	-10,168	0,026	0,282
CHR13	7781591	CHR13:7781591	SSF x LoA	-7,459	0,123	0,284
CHR13	7781593	CHR13:7781593	SSF x LoA	-9,468	0,173	0,270
CHR13	7800225	CHR13:7800225	SSF x LoA	-8,417	0,079	0,271
CHR13	7800229	CHR13:7800229	SSF x LoA	-9,114	-0,054	0,301
CHR13	7804263	CHR13:7804263	SSF x LoA	-9,941	0,075	0,282
CHR13	7804275	CHR13:7804275	SSF x LoA	-7,984	0,014	0,298
CHR13	7811806	CHR13:7811806	SSF x LoA	-7,950	0,053	0,296
CHR13	7811828	CHR13:7811828	SSF x LoA	-11,193	0,028	0,294
CHR13	7815679	CHR13:7815679	SSF x LoA	-8,785	0,135	0,283
CHR13	7820887	CHR13:7820887	SSF x LoA	-7,625	-0,088	0,299
CHR13	7821026	CHR13:7821026	SSF x LoA	-10,654	-0,092	0,280
CHR13	7846035	CHR13:7846035	SSF x LoA	-6,379	-0,017	0,286
CHR13	7849120	CHR13:7849120	SSF x LoA	-9,961	-0,021	0,293
CHR13	7854189	CHR13:7854189	SSF x LoA	-10,002	-0,067	0,284
CHR13	7872087	CHR13:7872087	SSF x LoA	-11,369	0,042	0,286

CHR13	7872290	CHR13:7872290	SSF x LoA	-11,066	-0,019	0,292
CHR13	7883796	CHR13:7883796	SSF x LoA	-11,522	-0,018	0,285
CHR13	7883827	CHR13:7883827	SSF x LoA	-8,892	-0,019	0,284
CHR13	7883884	CHR13:7883884	SSF x LoA	-10,837	0,011	0,286
CHR13	7883911	CHR13:7883911	SSF x LoA	-9,914	-0,013	0,288
CHR13	7883982	CHR13:7883982	SSF x LoA	-10,293	-0,018	0,284
CHR13	7884030	CHR13:7884030	SSF x LoA	-9,231	0,001	0,290
CHR13	7884058	CHR13:7884058	SSF x LoA	-7,780	-0,054	0,285
CHR13	7884067	CHR13:7884067	SSF x LoA	9,348	-0,137	0,281
CHR13	7884076	CHR13:7884076	SSF x LoA	-7,926	0,009	0,293
CHR13	7887830	CHR13:7887830	SSF x LoA	-6,875	0,023	0,299
CHR13	7887843	CHR13:7887843	SSF x LoA	-7,350	0,008	0,298
CHR13	7889442	CHR13:7889442	SSF x LoA	-8,419	0,034	0,297
CHR13	7905210	CHR13:7905210	SSF x LoA	-9,488	0,059	0,292
CHR13	7905264	CHR13:7905264	SSF x LoA	-7,196	0,024	0,292
CHR13	7905270	CHR13:7905270	SSF x LoA	-8,705	0,029	0,298
CHR13	7905301	CHR13:7905301	SSF x LoA	-9,369	-0,043	0,291
CHR13	7908729	CHR13:7908729	SSF x LoA	-7,888	-0,029	0,290
CHR13	7910424	CHR13:7910424	SSF x LoA	-8,302	0,145	0,287
CHR13	7914294	CHR13:7914294	SSF x LoA	-7,534	0,146	0,275
CHR13	7914296	CHR13:7914296	SSF x LoA	-8,774	0,067	0,286
CHR13	7914320	CHR13:7914320	SSF x LoA	-9,828	0,003	0,287
CHR13	7914374	CHR13:7914374	SSF x LoA	-9,977	0,033	0,280
CHR13	7943030	CHR13:7943030	SSF x LoA	-9,117	-0,126	0,286
CHR13	7945511	CHR13:7945511	SSF x LoA	-8,678	-0,038	0,295
CHR13	7952908	CHR13:7952908	SSF x LoA	-8,018	-0,032	0,287
CHR13	7953936	CHR13:7953936	SSF x LoA	-10,512	0,038	0,289
CHR13	7963463	CHR13:7963463	SSF x LoA	-5,264	0,109	0,280
CHR13	7963612	CHR13:7963612	SSF x LoA	-5,663	0,082	0,279
CHR13	7969647	CHR13:7969647	SSF x LoA	-7,375	0,044	0,278
CHR13	7979828	CHR13:7979828	SSF x LoA	-7,243	-0,055	0,308
CHR13	7979865	CHR13:7979865	SSF x LoA	-9,361	0,127	0,297
CHR13	7989276	CHR13:7989276	SSF x LoA	-9,476	-0,003	0,292
CHR13	7989278	CHR13:7989278	SSF x LoA	-9,638	-0,003	0,307
CHR13	7989323	CHR13:7989323	SSF x LoA	-10,247	-0,026	0,293
CHR13	7989354	CHR13:7989354	SSF x LoA	-9,360	-0,013	0,293
CHR13	8013439	CHR13:8013439	SSF x LoA	-8,482	0,073	0,298
CHR13	8013445	CHR13:8013445	SSF x LoA	-10,097	0,065	0,284
CHR13	8013644	CHR13:8013644	SSF x LoA	-8,838	-0,068	0,288
CHR13	8013682	CHR13:8013682	SSF x LoA	-8,314	0,023	0,296
CHR13	8013693	CHR13:8013693	SSF x LoA	-7,388	-0,069	0,300
CHR13	8013712	CHR13:8013712	SSF x LoA	-3,862	0,017	0,292
CHR13	8020993	CHR13:8020993	SSF x LoA	-8,128	0,024	0,299
CHR13	8020997	CHR13:8020997	SSF x LoA	-8,367	0,017	0,285
CHR13	802408	CHR13:802408	SSF x LoA	1,196	0,079	0,298
CHR13	802445	CHR13:802445	SSF x LoA	-10,083	0,055	0,289
CHR13	8027270	CHR13:8027270	SSF x LoA	-10,596	0,012	0,285
CHR13	8027297	CHR13:8027297	SSF x LoA	-8,860	0,044	0,280
CHR13	8035630	CHR13:8035630	SSF x LoA	-10,769	0,061	0,289
CHR13	8035689	CHR13:8035689	SSF x LoA	-11,159	0,016	0,274
CHR13	8046111	CHR13:8046111	SSF x LoA	-8,684	-0,004	0,306
CHR13	8048724	CHR13:8048724	SSF x LoA	-7,475	-0,141	0,286
CHR13	8048725	CHR13:8048725	SSF x LoA	-7,646	0,112	0,282

CHR13	8048735	CHR13:8048735	SSF x LoA	-8,747	0,055	0,282
CHR13	8052253	CHR13:8052253	SSF x LoA	-6,315	0,117	0,275
CHR13	8052336	CHR13:8052336	SSF x LoA	-10,241	-0,020	0,290
CHR13	8052358	CHR13:8052358	SSF x LoA	-6,141	-0,158	0,276
CHR13	8052447	CHR13:8052447	SSF x LoA	-11,480	-0,051	0,289
CHR13	8052497	CHR13:8052497	SSF x LoA	-6,119	-0,027	0,282
CHR13	8052645	CHR13:8052645	SSF x LoA	-8,708	0,071	0,299
CHR13	8052649	CHR13:8052649	SSF x LoA	-6,768	-0,049	0,288
CHR13	8065865	CHR13:8065865	SSF x LoA	-9,543	0,076	0,270
CHR13	8073990	CHR13:8073990	SSF x LoA	-8,700	-0,152	0,277
CHR13	8074009	CHR13:8074009	SSF x LoA	-8,258	-0,077	0,286
CHR13	8074047	CHR13:8074047	SSF x LoA	-9,366	-0,082	0,284
CHR13	8074140	CHR13:8074140	SSF x LoA	-11,126	0,030	0,281
CHR13	8074147	CHR13:8074147	SSF x LoA	-6,901	0,128	0,292
CHR13	8078280	CHR13:8078280	SSF x LoA	-8,481	0,001	0,294
CHR13	8078343	CHR13:8078343	SSF x LoA	-9,724	0,073	0,307
CHR13	8078344	CHR13:8078344	SSF x LoA	-4,431	-0,187	0,275
CHR13	8078417	CHR13:8078417	SSF x LoA	-9,624	-0,006	0,285
CHR13	8078457	CHR13:8078457	SSF x LoA	-7,419	-0,041	0,267
CHR13	8084344	CHR13:8084344	SSF x LoA	-8,020	0,027	0,312
CHR13	8084477	CHR13:8084477	SSF x LoA	-9,157	-0,093	0,301
CHR13	8086434	CHR13:8086434	SSF x LoA	-6,377	-0,060	0,277
CHR13	8086443	CHR13:8086443	SSF x LoA	-9,143	0,046	0,287
CHR13	8086457	CHR13:8086457	SSF x LoA	-7,896	0,021	0,292
CHR13	8086463	CHR13:8086463	SSF x LoA	-8,275	0,067	0,291
CHR13	8099431	CHR13:8099431	SSF x LoA	-7,605	0,010	0,302
CHR13	8099566	CHR13:8099566	SSF x LoA	-9,194	0,054	0,287
CHR13	8099569	CHR13:8099569	SSF x LoA	-10,007	0,091	0,299
CHR13	8099623	CHR13:8099623	SSF x LoA	-8,250	0,029	0,287
CHR13	8099635	CHR13:8099635	SSF x LoA	-7,998	0,108	0,293
CHR13	8105307	CHR13:8105307	SSF x LoA	-6,987	0,024	0,281
CHR13	8105322	CHR13:8105322	SSF x LoA	-8,953	-0,009	0,297
CHR13	8105326	CHR13:8105326	SSF x LoA	-10,986	-0,013	0,272
CHR13	8105327	CHR13:8105327	SSF x LoA	-10,751	0,005	0,291
CHR13	8105406	CHR13:8105406	SSF x LoA	-7,476	0,142	0,296
CHR13	8105411	CHR13:8105411	SSF x LoA	-9,648	0,131	0,286
CHR13	811794	CHR13:811794	SSF x LoA	-6,365	0,065	0,274
CHR13	811830	CHR13:811830	SSF x LoA	-11,073	-0,056	0,282
CHR13	811905	CHR13:811905	SSF x LoA	-9,811	0,026	0,277
CHR13	811928	CHR13:811928	SSF x LoA	-8,529	0,029	0,294
CHR13	811963	CHR13:811963	SSF x LoA	-6,859	-0,171	0,265
CHR13	811976	CHR13:811976	SSF x LoA	-7,354	-0,040	0,299
CHR13	8126249	CHR13:8126249	SSF x LoA	-10,439	-0,036	0,278
CHR13	8138653	CHR13:8138653	SSF x LoA	-11,195	0,013	0,281
CHR13	8149810	CHR13:8149810	SSF x LoA	-10,890	0,048	0,289
CHR13	8150658	CHR13:8150658	SSF x LoA	-9,246	-0,028	0,275
CHR13	817656	CHR13:817656	SSF x LoA	-11,305	-0,086	0,287
CHR13	817657	CHR13:817657	SSF x LoA	-10,985	-0,042	0,289
CHR13	817724	CHR13:817724	SSF x LoA	-7,970	0,020	0,297
CHR13	817732	CHR13:817732	SSF x LoA	-10,969	0,047	0,285
CHR13	817733	CHR13:817733	SSF x LoA	-9,971	0,057	0,292
CHR13	817752	CHR13:817752	SSF x LoA	-9,519	-0,126	0,289
CHR13	817775	CHR13:817775	SSF x LoA	-10,786	0,052	0,290

CHR13	817839	CHR13:817839	SSF x LoA	-10,522	0,045	0,285
CHR13	8185880	CHR13:8185880	SSF x LoA	-11,205	-0,011	0,271
CHR13	8199476	CHR13:8199476	SSF x LoA	-9,355	-0,049	0,280
CHR13	8199546	CHR13:8199546	SSF x LoA	-9,566	0,002	0,278
CHR13	8214832	CHR13:8214832	SSF x LoA	-4,437	0,115	0,292
CHR13	8253178	CHR13:8253178	SSF x LoA	-10,638	-0,034	0,290
CHR13	8269107	CHR13:8269107	SSF x LoA	-9,653	-0,055	0,283
CHR13	8269176	CHR13:8269176	SSF x LoA	-9,900	-0,002	0,291
CHR13	8269221	CHR13:8269221	SSF x LoA	-8,206	0,072	0,278
CHR13	8277861	CHR13:8277861	SSF x LoA	-9,710	0,071	0,295
CHR13	8278859	CHR13:8278859	SSF x LoA	-6,596	0,114	0,292
CHR13	8296281	CHR13:8296281	SSF x LoA	-8,620	0,046	0,283
CHR13	8296286	CHR13:8296286	SSF x LoA	-8,281	0,018	0,296
CHR13	8323461	CHR13:8323461	SSF x LoA	-9,908	0,049	0,288
CHR13	8323504	CHR13:8323504	SSF x LoA	-9,291	0,066	0,286
CHR13	8323538	CHR13:8323538	SSF x LoA	-9,980	-0,054	0,292
CHR13	8323543	CHR13:8323543	SSF x LoA	-6,486	-0,123	0,288
CHR13	8323545	CHR13:8323545	SSF x LoA	-7,238	-0,133	0,279
CHR13	8323604	CHR13:8323604	SSF x LoA	-7,605	-0,018	0,308
CHR13	8323606	CHR13:8323606	SSF x LoA	-8,636	-0,048	0,296
CHR13	8323625	CHR13:8323625	SSF x LoA	-6,743	-0,003	0,297
CHR13	8323649	CHR13:8323649	SSF x LoA	-2,657	0,013	0,290
CHR13	8323654	CHR13:8323654	SSF x LoA	-8,292	0,001	0,292
CHR13	8323787	CHR13:8323787	SSF x LoA	-9,915	0,000	0,291
CHR13	8325321	CHR13:8325321	SSF x LoA	-8,979	0,084	0,294
CHR13	8328807	CHR13:8328807	SSF x LoA	-8,980	0,118	0,289
CHR13	8345941	CHR13:8345941	SSF x LoA	-8,916	-0,058	0,276
CHR13	8362517	CHR13:8362517	SSF x LoA	-7,747	0,109	0,288
CHR13	8362518	CHR13:8362518	SSF x LoA	-9,780	0,106	0,277
CHR13	8362537	CHR13:8362537	SSF x LoA	-5,594	0,100	0,290
CHR13	8362588	CHR13:8362588	SSF x LoA	-8,489	0,094	0,281
CHR13	8362624	CHR13:8362624	SSF x LoA	-9,716	0,058	0,287
CHR13	8362671	CHR13:8362671	SSF x LoA	-5,633	0,168	0,277
CHR13	8362695	CHR13:8362695	SSF x LoA	-6,798	-0,182	0,277
CHR13	8362744	CHR13:8362744	SSF x LoA	-5,672	0,153	0,275
CHR13	8364874	CHR13:8364874	SSF x LoA	-8,012	0,057	0,291
CHR13	8364925	CHR13:8364925	SSF x LoA	-8,111	0,094	0,287
CHR13	8365054	CHR13:8365054	SSF x LoA	-10,189	-0,051	0,292
CHR13	8365112	CHR13:8365112	SSF x LoA	-5,863	-0,032	0,286
CHR13	8377905	CHR13:8377905	SSF x LoA	-7,309	-0,021	0,294
CHR13	8378741	CHR13:8378741	SSF x LoA	-9,987	-0,099	0,274
CHR13	8379026	CHR13:8379026	SSF x LoA	-9,143	-0,005	0,292
CHR13	8381453	CHR13:8381453	SSF x LoA	-8,437	-0,063	0,291
CHR13	8381531	CHR13:8381531	SSF x LoA	-10,189	0,035	0,288
CHR13	8381761	CHR13:8381761	SSF x LoA	-9,659	0,114	0,272
CHR13	8386919	CHR13:8386919	SSF x LoA	-8,760	0,000	0,288
CHR13	8401161	CHR13:8401161	SSF x LoA	-10,221	-0,034	0,282
CHR13	841414	CHR13:841414	SSF x LoA	-7,988	0,058	0,283
CHR13	841416	CHR13:841416	SSF x LoA	-8,066	0,036	0,284
CHR13	841469	CHR13:841469	SSF x LoA	-9,279	0,018	0,279
CHR13	841470	CHR13:841470	SSF x LoA	-9,380	-0,005	0,277
CHR13	841536	CHR13:841536	SSF x LoA	-0,725	0,229	0,276
CHR13	841613	CHR13:841613	SSF x LoA	-5,455	-0,112	0,318

CHR13	8457529	CHR13:8457529	SSF x LoA	-9,016	-0,011	0,303
CHR13	8457656	CHR13:8457656	SSF x LoA	-5,242	-0,185	0,290
CHR13	8457690	CHR13:8457690	SSF x LoA	-10,045	0,030	0,275
CHR13	8457722	CHR13:8457722	SSF x LoA	-9,174	0,106	0,276
CHR13	8457733	CHR13:8457733	SSF x LoA	-5,158	0,151	0,294
CHR13	8457742	CHR13:8457742	SSF x LoA	-7,258	0,116	0,273
CHR13	8469419	CHR13:8469419	SSF x LoA	-8,654	0,148	0,282
CHR13	8478944	CHR13:8478944	SSF x LoA	-7,919	-0,186	0,275
CHR13	8488534	CHR13:8488534	SSF x LoA	-10,534	0,040	0,290
CHR13	8488592	CHR13:8488592	SSF x LoA	-9,424	0,019	0,296
CHR13	8494192	CHR13:8494192	SSF x LoA	-5,060	0,209	0,286
CHR13	8494216	CHR13:8494216	SSF x LoA	-10,165	-0,097	0,290
CHR13	8494302	CHR13:8494302	SSF x LoA	-8,755	-0,061	0,278
CHR13	8494334	CHR13:8494334	SSF x LoA	-8,639	-0,114	0,278
CHR13	8496609	CHR13:8496609	SSF x LoA	-8,677	-0,091	0,287
CHR13	8496652	CHR13:8496652	SSF x LoA	-10,881	-0,062	0,292
CHR13	8502994	CHR13:8502994	SSF x LoA	-8,097	0,069	0,280
CHR13	8513150	CHR13:8513150	SSF x LoA	-7,781	0,043	0,295
CHR13	8513200	CHR13:8513200	SSF x LoA	-10,311	-0,041	0,282
CHR13	8513224	CHR13:8513224	SSF x LoA	-9,282	0,079	0,298
CHR13	8513751	CHR13:8513751	SSF x LoA	-9,058	-0,024	0,289
CHR13	8516719	CHR13:8516719	SSF x LoA	-8,967	-0,003	0,289
CHR13	8523434	CHR13:8523434	SSF x LoA	-7,708	0,028	0,300
CHR13	8526982	CHR13:8526982	SSF x LoA	-9,646	0,005	0,300
CHR13	8527023	CHR13:8527023	SSF x LoA	-8,038	0,051	0,287
CHR13	8527047	CHR13:8527047	SSF x LoA	-8,165	-0,024	0,286
CHR13	8528082	CHR13:8528082	SSF x LoA	-9,201	-0,045	0,275
CHR13	8529990	CHR13:8529990	SSF x LoA	-7,379	-0,082	0,278
CHR13	8530022	CHR13:8530022	SSF x LoA	-9,540	0,046	0,294
CHR13	8530145	CHR13:8530145	SSF x LoA	-8,022	0,021	0,315
CHR13	8537693	CHR13:8537693	SSF x LoA	-5,476	-0,001	0,303
CHR13	8541069	CHR13:8541069	SSF x LoA	-6,431	0,161	0,277
CHR13	8541129	CHR13:8541129	SSF x LoA	-7,797	0,025	0,306
CHR13	8541287	CHR13:8541287	SSF x LoA	-9,723	0,028	0,287
CHR13	8576806	CHR13:8576806	SSF x LoA	-9,652	-0,112	0,284
CHR13	8597517	CHR13:8597517	SSF x LoA	-10,433	0,027	0,305
CHR13	8597738	CHR13:8597738	SSF x LoA	-5,409	0,103	0,291
CHR13	8597745	CHR13:8597745	SSF x LoA	-9,381	0,065	0,294
CHR13	8597824	CHR13:8597824	SSF x LoA	-8,610	-0,019	0,286
CHR13	8597830	CHR13:8597830	SSF x LoA	-9,116	0,076	0,272
CHR13	8597877	CHR13:8597877	SSF x LoA	-7,067	0,074	0,296
CHR13	8597885	CHR13:8597885	SSF x LoA	-7,735	0,081	0,309
CHR13	8597889	CHR13:8597889	SSF x LoA	-8,080	0,092	0,291
CHR13	8612249	CHR13:8612249	SSF x LoA	-7,471	-0,064	0,271
CHR13	8612390	CHR13:8612390	SSF x LoA	-10,331	-0,058	0,280
CHR13	8625870	CHR13:8625870	SSF x LoA	-8,886	0,121	0,301
CHR13	8625874	CHR13:8625874	SSF x LoA	-9,294	-0,058	0,278
CHR13	8625942	CHR13:8625942	SSF x LoA	-8,939	0,032	0,293
CHR13	8626228	CHR13:8626228	SSF x LoA	-9,488	0,028	0,291
CHR13	8626303	CHR13:8626303	SSF x LoA	-10,410	-0,035	0,296
CHR13	8632122	CHR13:8632122	SSF x LoA	-7,622	-0,069	0,294
CHR13	8632128	CHR13:8632128	SSF x LoA	-8,091	-0,072	0,293
CHR13	8632132	CHR13:8632132	SSF x LoA	-8,040	-0,045	0,291

CHR13	8632158	CHR13:8632158	SSF x LoA	-9,753	0,066	0,284
CHR13	8654649	CHR13:8654649	SSF x LoA	-10,247	-0,003	0,287
CHR13	8654666	CHR13:8654666	SSF x LoA	-9,754	0,013	0,294
CHR13	8654668	CHR13:8654668	SSF x LoA	-9,936	0,040	0,302
CHR13	8655779	CHR13:8655779	SSF x LoA	-8,540	0,021	0,290
CHR13	8655791	CHR13:8655791	SSF x LoA	-5,114	-0,102	0,296
CHR13	8668520	CHR13:8668520	SSF x LoA	-11,489	-0,005	0,289
CHR13	868166	CHR13:868166	SSF x LoA	-7,661	-0,020	0,292
CHR13	868468	CHR13:868468	SSF x LoA	-5,232	0,165	0,277
CHR13	8688609	CHR13:8688609	SSF x LoA	-9,271	-0,135	0,270
CHR13	8704277	CHR13:8704277	SSF x LoA	-7,241	0,060	0,306
CHR13	8704363	CHR13:8704363	SSF x LoA	-8,774	0,078	0,285
CHR13	8704467	CHR13:8704467	SSF x LoA	-11,393	-0,006	0,285
CHR13	8732673	CHR13:8732673	SSF x LoA	-8,126	-0,088	0,283
CHR13	8732701	CHR13:8732701	SSF x LoA	-1,773	0,261	0,259
CHR13	8732711	CHR13:8732711	SSF x LoA	-4,724	0,168	0,289
CHR13	8732759	CHR13:8732759	SSF x LoA	-9,396	0,062	0,281
CHR13	8732762	CHR13:8732762	SSF x LoA	-6,539	0,129	0,288
CHR13	8732780	CHR13:8732780	SSF x LoA	-4,117	0,111	0,287
CHR13	8732788	CHR13:8732788	SSF x LoA	-10,987	0,017	0,301
CHR13	8734937	CHR13:8734937	SSF x LoA	-7,078	-0,041	0,299
CHR13	8735024	CHR13:8735024	SSF x LoA	-9,062	0,055	0,282
CHR13	8735637	CHR13:8735637	SSF x LoA	-3,692	0,002	0,290
CHR13	8739162	CHR13:8739162	SSF x LoA	-10,554	0,089	0,289
CHR13	8739207	CHR13:8739207	SSF x LoA	-10,809	-0,024	0,291
CHR13	8739268	CHR13:8739268	SSF x LoA	-8,126	-0,114	0,295
CHR13	874798	CHR13:874798	SSF x LoA	-11,291	0,043	0,276
CHR13	8756590	CHR13:8756590	SSF x LoA	-7,547	0,068	0,295
CHR13	8756644	CHR13:8756644	SSF x LoA	-8,022	-0,032	0,299
CHR13	8756647	CHR13:8756647	SSF x LoA	-10,121	0,010	0,296
CHR13	8756664	CHR13:8756664	SSF x LoA	-10,673	0,026	0,277
CHR13	8758757	CHR13:8758757	SSF x LoA	-6,461	0,138	0,281
CHR13	8758990	CHR13:8758990	SSF x LoA	-6,834	-0,073	0,288
CHR13	8759024	CHR13:8759024	SSF x LoA	-9,303	0,115	0,282
CHR13	8774045	CHR13:8774045	SSF x LoA	-8,785	-0,041	0,299
CHR13	8774048	CHR13:8774048	SSF x LoA	-9,112	-0,042	0,309
CHR13	8774157	CHR13:8774157	SSF x LoA	-8,429	-0,004	0,291
CHR13	8774215	CHR13:8774215	SSF x LoA	-6,579	0,058	0,299
CHR13	8784731	CHR13:8784731	SSF x LoA	-11,723	-0,010	0,273
CHR13	8784820	CHR13:8784820	SSF x LoA	-7,411	0,045	0,292
CHR13	8793094	CHR13:8793094	SSF x LoA	-9,467	0,077	0,303
CHR13	8794635	CHR13:8794635	SSF x LoA	-9,412	-0,104	0,295
CHR13	8794833	CHR13:8794833	SSF x LoA	-7,525	0,054	0,292
CHR13	8802417	CHR13:8802417	SSF x LoA	-8,008	-0,003	0,286
CHR13	8802728	CHR13:8802728	SSF x LoA	-6,483	-0,102	0,280
CHR13	884928	CHR13:884928	SSF x LoA	-6,519	-0,160	0,282
CHR13	884941	CHR13:884941	SSF x LoA	-9,544	-0,004	0,288
CHR13	884957	CHR13:884957	SSF x LoA	-7,912	-0,061	0,285
CHR13	885035	CHR13:885035	SSF x LoA	-6,216	0,117	0,290
CHR13	885057	CHR13:885057	SSF x LoA	-6,433	-0,142	0,279
CHR13	8850628	CHR13:8850628	SSF x LoA	-6,312	0,180	0,268
CHR13	8850706	CHR13:8850706	SSF x LoA	-9,335	-0,142	0,293
CHR13	8850731	CHR13:8850731	SSF x LoA	-8,160	-0,103	0,282

CHR13	8850803	CHR13:8850803	SSF x LoA	-6,877	0,145	0,299
CHR13	8850854	CHR13:8850854	SSF x LoA	-9,404	-0,030	0,298
CHR13	885087	CHR13:885087	SSF x LoA	-7,269	-0,041	0,282
CHR13	8850876	CHR13:8850876	SSF x LoA	-7,916	-0,056	0,294
CHR13	8850883	CHR13:8850883	SSF x LoA	-9,860	-0,038	0,292
CHR13	8850889	CHR13:8850889	SSF x LoA	-9,378	-0,059	0,291
CHR13	8850899	CHR13:8850899	SSF x LoA	-9,393	-0,028	0,296
CHR13	885092	CHR13:885092	SSF x LoA	-8,697	-0,034	0,287
CHR13	885095	CHR13:885095	SSF x LoA	-9,907	-0,060	0,285
CHR13	8872795	CHR13:8872795	SSF x LoA	-11,036	0,016	0,292
CHR13	8873899	CHR13:8873899	SSF x LoA	-8,882	0,038	0,281
CHR13	8873970	CHR13:8873970	SSF x LoA	-8,790	-0,040	0,290
CHR13	8873975	CHR13:8873975	SSF x LoA	-7,530	-0,036	0,296
CHR13	8873976	CHR13:8873976	SSF x LoA	-9,042	-0,014	0,292
CHR13	8873984	CHR13:8873984	SSF x LoA	-8,854	-0,037	0,286
CHR13	8873985	CHR13:8873985	SSF x LoA	-7,782	-0,030	0,283
CHR13	8874000	CHR13:8874000	SSF x LoA	-7,283	-0,058	0,305
CHR13	8874052	CHR13:8874052	SSF x LoA	-8,496	-0,065	0,287
CHR13	8878394	CHR13:8878394	SSF x LoA	-10,296	0,044	0,283
CHR13	8878430	CHR13:8878430	SSF x LoA	-9,611	0,089	0,279
CHR13	8878579	CHR13:8878579	SSF x LoA	-8,410	0,069	0,294
CHR13	8882369	CHR13:8882369	SSF x LoA	-7,383	0,179	0,269
CHR13	8882371	CHR13:8882371	SSF x LoA	-4,972	-0,060	0,283
CHR13	8882373	CHR13:8882373	SSF x LoA	-10,337	0,013	0,290
CHR13	8882535	CHR13:8882535	SSF x LoA	-10,567	0,042	0,280
CHR13	888507	CHR13:888507	SSF x LoA	-9,928	-0,030	0,277
CHR13	889159	CHR13:889159	SSF x LoA	-5,529	-0,049	0,289
CHR13	8892217	CHR13:8892217	SSF x LoA	-4,902	-0,155	0,288
CHR13	8892244	CHR13:8892244	SSF x LoA	-8,109	-0,022	0,282
CHR13	8892331	CHR13:8892331	SSF x LoA	-8,311	-0,002	0,301
CHR13	8892367	CHR13:8892367	SSF x LoA	-10,306	-0,138	0,289
CHR13	8892382	CHR13:8892382	SSF x LoA	-9,341	-0,127	0,279
CHR13	8892431	CHR13:8892431	SSF x LoA	-5,109	-0,094	0,286
CHR13	8892452	CHR13:8892452	SSF x LoA	-10,442	-0,047	0,279
CHR13	8898144	CHR13:8898144	SSF x LoA	-10,523	0,040	0,283
CHR13	8913516	CHR13:8913516	SSF x LoA	-7,874	-0,114	0,283
CHR13	8916362	CHR13:8916362	SSF x LoA	-9,739	-0,115	0,283
CHR13	8929831	CHR13:8929831	SSF x LoA	-8,443	0,061	0,284
CHR13	8929882	CHR13:8929882	SSF x LoA	9,365	-0,198	0,288
CHR13	8929920	CHR13:8929920	SSF x LoA	-9,176	-0,089	0,274
CHR13	894878	CHR13:894878	SSF x LoA	-11,505	0,034	0,291
CHR13	894917	CHR13:894917	SSF x LoA	-9,305	0,142	0,289
CHR13	894944	CHR13:894944	SSF x LoA	-8,501	0,116	0,287
CHR13	894957	CHR13:894957	SSF x LoA	-8,260	-0,031	0,271
CHR13	8954757	CHR13:8954757	SSF x LoA	-9,983	0,032	0,299
CHR13	8954776	CHR13:8954776	SSF x LoA	-8,764	0,002	0,286
CHR13	8954895	CHR13:8954895	SSF x LoA	-11,191	-0,007	0,287
CHR13	8954920	CHR13:8954920	SSF x LoA	-8,472	0,027	0,279
CHR13	8954968	CHR13:8954968	SSF x LoA	-7,453	0,011	0,294
CHR13	8955016	CHR13:8955016	SSF x LoA	-11,016	-0,059	0,285
CHR13	8955092	CHR13:8955092	SSF x LoA	-8,703	-0,084	0,293
CHR13	8955099	CHR13:8955099	SSF x LoA	-9,933	0,102	0,286
CHR13	8955108	CHR13:8955108	SSF x LoA	-8,337	0,116	0,283

CHR13	8955109	CHR13:8955109	SSF x LoA	-5,604	0,176	0,274
CHR13	8955143	CHR13:8955143	SSF x LoA	-8,253	-0,065	0,292
CHR13	8962759	CHR13:8962759	SSF x LoA	-10,044	0,022	0,291
CHR13	8962769	CHR13:8962769	SSF x LoA	-6,498	0,123	0,288
CHR13	8962943	CHR13:8962943	SSF x LoA	-6,810	0,105	0,292
CHR13	8962955	CHR13:8962955	SSF x LoA	-7,236	0,091	0,293
CHR13	8962979	CHR13:8962979	SSF x LoA	-7,081	-0,193	0,272
CHR13	8963001	CHR13:8963001	SSF x LoA	-5,547	0,172	0,287
CHR13	8963058	CHR13:8963058	SSF x LoA	-7,152	-0,134	0,286
CHR13	8963060	CHR13:8963060	SSF x LoA	-9,201	0,074	0,289
CHR13	8963064	CHR13:8963064	SSF x LoA	-10,128	0,092	0,290
CHR13	8963081	CHR13:8963081	SSF x LoA	0,727	-0,178	0,270
CHR13	8963122	CHR13:8963122	SSF x LoA	-2,059	0,201	0,297
CHR13	8984886	CHR13:8984886	SSF x LoA	-10,841	-0,005	0,278
CHR13	8986859	CHR13:8986859	SSF x LoA	-6,331	-0,141	0,291
CHR13	8986924	CHR13:8986924	SSF x LoA	-11,050	0,027	0,290
CHR13	8989503	CHR13:8989503	SSF x LoA	-10,841	0,039	0,293
CHR13	8989722	CHR13:8989722	SSF x LoA	-4,099	-0,104	0,295
CHR13	8989755	CHR13:8989755	SSF x LoA	-11,337	-0,020	0,299
CHR13	8989788	CHR13:8989788	SSF x LoA	-6,836	-0,084	0,300
CHR13	8989797	CHR13:8989797	SSF x LoA	-8,274	-0,050	0,291
CHR13	8995409	CHR13:8995409	SSF x LoA	-6,852	0,088	0,278
CHR13	8995503	CHR13:8995503	SSF x LoA	-7,723	0,026	0,286
CHR13	8997390	CHR13:8997390	SSF x LoA	-8,441	-0,005	0,296
CHR13	8997403	CHR13:8997403	SSF x LoA	-8,462	0,052	0,292
CHR13	8997424	CHR13:8997424	SSF x LoA	-9,354	-0,042	0,300
CHR13	8997448	CHR13:8997448	SSF x LoA	-11,035	0,002	0,288
CHR13	9019972	CHR13:9019972	SSF x LoA	-7,479	0,103	0,296
CHR13	9020036	CHR13:9020036	SSF x LoA	-6,002	-0,070	0,290
CHR13	9020173	CHR13:9020173	SSF x LoA	-10,964	-0,051	0,281
CHR13	9023674	CHR13:9023674	SSF x LoA	-9,829	-0,116	0,288
CHR13	9023855	CHR13:9023855	SSF x LoA	-11,624	0,013	0,279
CHR13	9023896	CHR13:9023896	SSF x LoA	-9,684	-0,078	0,293
CHR13	9026015	CHR13:9026015	SSF x LoA	-7,366	0,066	0,306
CHR13	902995	CHR13:902995	SSF x LoA	-7,812	0,091	0,296
CHR13	9031156	CHR13:9031156	SSF x LoA	-7,099	0,043	0,301
CHR13	9031157	CHR13:9031157	SSF x LoA	-5,903	-0,089	0,292
CHR13	9031304	CHR13:9031304	SSF x LoA	-10,078	-0,092	0,290
CHR13	903140	CHR13:903140	SSF x LoA	-8,816	0,077	0,284
CHR13	904309	CHR13:904309	SSF x LoA	-10,602	0,101	0,281
CHR13	904409	CHR13:904409	SSF x LoA	-8,994	-0,073	0,290
CHR13	9044767	CHR13:9044767	SSF x LoA	-8,865	-0,037	0,297
CHR13	9044897	CHR13:9044897	SSF x LoA	-6,761	-0,077	0,277
CHR13	9047200	CHR13:9047200	SSF x LoA	-6,673	0,127	0,297
CHR13	9047391	CHR13:9047391	SSF x LoA	-10,086	0,010	0,298
CHR13	9049884	CHR13:9049884	SSF x LoA	-9,041	0,042	0,282
CHR13	9079827	CHR13:9079827	SSF x LoA	-8,775	0,163	0,280
CHR13	9079994	CHR13:9079994	SSF x LoA	-8,994	0,055	0,275
CHR13	9080003	CHR13:9080003	SSF x LoA	-8,658	0,076	0,291
CHR13	9099942	CHR13:9099942	SSF x LoA	-5,825	0,134	0,284
CHR13	9099949	CHR13:9099949	SSF x LoA	-4,580	0,157	0,278
CHR13	9099988	CHR13:9099988	SSF x LoA	-9,738	0,014	0,289
CHR13	9101721	CHR13:9101721	SSF x LoA	-9,352	0,091	0,296

CHR13	911032	CHR13:911032	SSF x LoA	-9,814	-0,078	0,284
CHR13	911084	CHR13:911084	SSF x LoA	-7,639	-0,058	0,291
CHR13	9150743	CHR13:9150743	SSF x LoA	-8,391	0,001	0,290
CHR13	9150787	CHR13:9150787	SSF x LoA	-7,988	-0,014	0,303
CHR13	919706	CHR13:919706	SSF x LoA	-7,761	-0,045	0,285
CHR13	919935	CHR13:919935	SSF x LoA	-9,145	0,105	0,276
CHR13	9206333	CHR13:9206333	SSF x LoA	-7,608	0,019	0,315
CHR13	9208477	CHR13:9208477	SSF x LoA	-8,663	-0,024	0,297
CHR13	9222733	CHR13:9222733	SSF x LoA	-8,264	-0,008	0,317
CHR13	9253364	CHR13:9253364	SSF x LoA	-6,520	-0,065	0,298
CHR13	9255564	CHR13:9255564	SSF x LoA	-8,648	0,060	0,285
CHR13	9268124	CHR13:9268124	SSF x LoA	-1,284	-0,013	0,303
CHR13	9268187	CHR13:9268187	SSF x LoA	-7,356	0,062	0,278
CHR13	9282356	CHR13:9282356	SSF x LoA	-7,199	-0,080	0,289
CHR13	9286669	CHR13:9286669	SSF x LoA	-10,326	-0,050	0,278
CHR13	9286698	CHR13:9286698	SSF x LoA	-8,496	0,045	0,282
CHR13	9292824	CHR13:9292824	SSF x LoA	-7,847	0,107	0,283
CHR13	9292832	CHR13:9292832	SSF x LoA	-7,865	-0,044	0,281
CHR13	9301005	CHR13:9301005	SSF x LoA	-7,924	0,091	0,282
CHR13	9301475	CHR13:9301475	SSF x LoA	-8,686	-0,073	0,273
CHR13	9307097	CHR13:9307097	SSF x LoA	-10,258	-0,080	0,285
CHR13	9307118	CHR13:9307118	SSF x LoA	-11,154	-0,038	0,296
CHR13	9307209	CHR13:9307209	SSF x LoA	-9,599	-0,061	0,289
CHR13	9307338	CHR13:9307338	SSF x LoA	-9,458	0,022	0,286
CHR13	9311970	CHR13:9311970	SSF x LoA	-7,445	0,007	0,301
CHR13	9312154	CHR13:9312154	SSF x LoA	-8,684	0,010	0,278
CHR13	9312209	CHR13:9312209	SSF x LoA	-8,895	-0,095	0,291
CHR13	9319928	CHR13:9319928	SSF x LoA	-8,488	-0,039	0,285
CHR13	9320035	CHR13:9320035	SSF x LoA	-5,995	-0,041	0,299
CHR13	932329	CHR13:932329	SSF x LoA	-11,468	0,021	0,285
CHR13	932390	CHR13:932390	SSF x LoA	-9,857	-0,076	0,298
CHR13	9325522	CHR13:9325522	SSF x LoA	-6,680	0,106	0,296
CHR13	9325589	CHR13:9325589	SSF x LoA	-8,576	-0,055	0,285
CHR13	9325597	CHR13:9325597	SSF x LoA	-7,902	0,087	0,290
CHR13	9325619	CHR13:9325619	SSF x LoA	-7,547	-0,061	0,279
CHR13	9325634	CHR13:9325634	SSF x LoA	-6,239	-0,040	0,285
CHR13	932570	CHR13:932570	SSF x LoA	-9,109	0,073	0,283
CHR13	9368143	CHR13:9368143	SSF x LoA	-7,534	0,062	0,307
CHR13	936842	CHR13:936842	SSF x LoA	-7,152	-0,112	0,294
CHR13	937016	CHR13:937016	SSF x LoA	-9,361	0,042	0,286
CHR13	937032	CHR13:937032	SSF x LoA	-10,187	-0,026	0,291
CHR13	937034	CHR13:937034	SSF x LoA	-8,835	-0,019	0,300
CHR13	937037	CHR13:937037	SSF x LoA	-10,610	-0,007	0,293
CHR13	937040	CHR13:937040	SSF x LoA	-6,501	-0,022	0,299
CHR13	9373500	CHR13:9373500	SSF x LoA	-7,837	-0,017	0,298
CHR13	9373526	CHR13:9373526	SSF x LoA	-8,798	0,043	0,293
CHR13	9373584	CHR13:9373584	SSF x LoA	-3,630	0,040	0,300
CHR13	9373665	CHR13:9373665	SSF x LoA	-3,823	-0,097	0,285
CHR13	9373681	CHR13:9373681	SSF x LoA	-9,304	0,013	0,293
CHR13	9385983	CHR13:9385983	SSF x LoA	-8,239	0,052	0,292
CHR13	9386057	CHR13:9386057	SSF x LoA	-7,453	-0,120	0,294
CHR13	9386066	CHR13:9386066	SSF x LoA	3,156	0,037	0,294
CHR13	938747	CHR13:938747	SSF x LoA	-8,357	0,001	0,291

CHR13	938764	CHR13:938764	SSF x LoA	-4,237	0,063	0,294
CHR13	9409152	CHR13:9409152	SSF x LoA	-11,186	-0,055	0,279
CHR13	9409352	CHR13:9409352	SSF x LoA	-9,420	-0,050	0,282
CHR13	9409373	CHR13:9409373	SSF x LoA	-9,082	0,004	0,296
CHR13	9434693	CHR13:9434693	SSF x LoA	-8,841	-0,020	0,295
CHR13	9434820	CHR13:9434820	SSF x LoA	-9,579	0,055	0,289
CHR13	9436977	CHR13:9436977	SSF x LoA	-8,694	-0,130	0,259
CHR13	9436989	CHR13:9436989	SSF x LoA	-9,588	-0,033	0,271
CHR13	9439657	CHR13:9439657	SSF x LoA	-5,208	0,174	0,282
CHR13	9462633	CHR13:9462633	SSF x LoA	-8,141	0,023	0,299
CHR13	9489549	CHR13:9489549	SSF x LoA	-8,669	-0,104	0,296
CHR13	9489797	CHR13:9489797	SSF x LoA	-7,576	0,052	0,271
CHR13	9501575	CHR13:9501575	SSF x LoA	-11,365	0,050	0,284
CHR13	9501686	CHR13:9501686	SSF x LoA	-7,414	-0,038	0,300
CHR13	9501865	CHR13:9501865	SSF x LoA	-5,906	0,110	0,286
CHR13	9517074	CHR13:9517074	SSF x LoA	-8,173	0,004	0,303
CHR13	9517262	CHR13:9517262	SSF x LoA	-11,043	0,027	0,287
CHR13	9519285	CHR13:9519285	SSF x LoA	-10,886	0,000	0,287
CHR13	9519474	CHR13:9519474	SSF x LoA	-10,918	-0,038	0,294
CHR13	9581181	CHR13:9581181	SSF x LoA	-10,187	0,033	0,299
CHR13	9581290	CHR13:9581290	SSF x LoA	-9,468	-0,016	0,295
CHR13	958318	CHR13:958318	SSF x LoA	-10,235	0,074	0,292
CHR13	958350	CHR13:958350	SSF x LoA	-9,472	0,096	0,291
CHR13	958422	CHR13:958422	SSF x LoA	-9,192	-0,030	0,304
CHR13	961128	CHR13:961128	SSF x LoA	-11,139	-0,020	0,275
CHR13	961204	CHR13:961204	SSF x LoA	-9,441	-0,054	0,302
CHR13	961215	CHR13:961215	SSF x LoA	-7,490	-0,050	0,291
CHR13	961216	CHR13:961216	SSF x LoA	-8,938	-0,038	0,294
CHR13	9622442	CHR13:9622442	SSF x LoA	-5,027	0,186	0,274
CHR13	9622452	CHR13:9622452	SSF x LoA	-5,125	0,087	0,296
CHR13	9622529	CHR13:9622529	SSF x LoA	-10,524	-0,060	0,288
CHR13	9622641	CHR13:9622641	SSF x LoA	-7,836	-0,100	0,293
CHR13	962359	CHR13:962359	SSF x LoA	-7,995	-0,077	0,290
CHR13	962387	CHR13:962387	SSF x LoA	-6,632	0,112	0,275
CHR13	9633682	CHR13:9633682	SSF x LoA	1,160	0,155	0,297
CHR13	9633692	CHR13:9633692	SSF x LoA	-4,597	-0,205	0,276
CHR13	9634070	CHR13:9634070	SSF x LoA	-5,572	0,215	0,287
CHR13	9634100	CHR13:9634100	SSF x LoA	-9,027	-0,072	0,284
CHR13	9634103	CHR13:9634103	SSF x LoA	-10,213	0,005	0,286
CHR13	9634147	CHR13:9634147	SSF x LoA	-10,029	0,005	0,288
CHR13	9642455	CHR13:9642455	SSF x LoA	-8,114	0,031	0,295
CHR13	967153	CHR13:967153	SSF x LoA	-8,087	-0,090	0,292
CHR13	967214	CHR13:967214	SSF x LoA	-10,068	-0,072	0,296
CHR13	967252	CHR13:967252	SSF x LoA	-3,804	0,149	0,290
CHR13	969916	CHR13:969916	SSF x LoA	-11,400	-0,045	0,284
CHR13	969928	CHR13:969928	SSF x LoA	-8,099	0,038	0,296
CHR13	9700100	CHR13:9700100	SSF x LoA	-9,945	0,095	0,273
CHR13	9737662	CHR13:9737662	SSF x LoA	-5,620	0,126	0,278
CHR13	9760932	CHR13:9760932	SSF x LoA	-7,404	0,169	0,285
CHR13	9764342	CHR13:9764342	SSF x LoA	-6,941	0,213	0,269
CHR13	9764362	CHR13:9764362	SSF x LoA	-9,597	0,048	0,299
CHR13	9764439	CHR13:9764439	SSF x LoA	-5,584	0,167	0,289
CHR13	9764602	CHR13:9764602	SSF x LoA	-9,827	0,054	0,296

CHR13	9777388	CHR13:9777388	SSF x LoA	-8,106	-0,094	0,299
CHR13	9777652	CHR13:9777652	SSF x LoA	-10,027	0,074	0,283
CHR13	9792356	CHR13:9792356	SSF x LoA	-5,175	0,155	0,296
CHR13	9795414	CHR13:9795414	SSF x LoA	-9,884	-0,001	0,290
CHR13	9795451	CHR13:9795451	SSF x LoA	-8,111	-0,049	0,270
CHR13	9807017	CHR13:9807017	SSF x LoA	-8,365	0,092	0,287
CHR13	9814206	CHR13:9814206	SSF x LoA	-7,556	0,119	0,283
CHR13	9817459	CHR13:9817459	SSF x LoA	-8,135	0,080	0,286
CHR13	9817494	CHR13:9817494	SSF x LoA	-9,750	-0,099	0,286
CHR13	9817495	CHR13:9817495	SSF x LoA	-10,108	-0,080	0,287
CHR13	9817516	CHR13:9817516	SSF x LoA	-9,536	-0,016	0,299
CHR13	9817629	CHR13:9817629	SSF x LoA	-9,145	-0,074	0,303
CHR13	9817735	CHR13:9817735	SSF x LoA	-9,423	0,045	0,289
CHR13	9817753	CHR13:9817753	SSF x LoA	-10,010	0,050	0,286
CHR13	9829249	CHR13:9829249	SSF x LoA	-7,475	0,071	0,294
CHR13	9829282	CHR13:9829282	SSF x LoA	-8,670	-0,080	0,286
CHR13	9829399	CHR13:9829399	SSF x LoA	-7,841	-0,074	0,271
CHR13	9829478	CHR13:9829478	SSF x LoA	-8,398	-0,140	0,277
CHR13	9838857	CHR13:9838857	SSF x LoA	-8,797	0,042	0,298
CHR13	9839005	CHR13:9839005	SSF x LoA	-6,932	0,053	0,297
CHR13	9841550	CHR13:9841550	SSF x LoA	-9,282	0,000	0,294
CHR13	9842493	CHR13:9842493	SSF x LoA	-7,800	0,064	0,287
CHR13	9847812	CHR13:9847812	SSF x LoA	-10,803	0,057	0,288
CHR13	9848078	CHR13:9848078	SSF x LoA	-10,569	0,036	0,298
CHR13	9850517	CHR13:9850517	SSF x LoA	-5,652	-0,180	0,281
CHR13	9850533	CHR13:9850533	SSF x LoA	-6,793	-0,152	0,288
CHR13	9850612	CHR13:9850612	SSF x LoA	-6,684	-0,003	0,302
CHR13	9874138	CHR13:9874138	SSF x LoA	-7,195	-0,081	0,272
CHR13	9874203	CHR13:9874203	SSF x LoA	-6,535	-0,052	0,290
CHR13	9886651	CHR13:9886651	SSF x LoA	-9,629	-0,071	0,299
CHR13	9887862	CHR13:9887862	SSF x LoA	-11,389	0,078	0,278
CHR13	9910691	CHR13:9910691	SSF x LoA	-10,338	-0,032	0,287
CHR13	991651	CHR13:991651	SSF x LoA	-9,191	-0,071	0,296
CHR13	991809	CHR13:991809	SSF x LoA	-7,313	-0,166	0,281
CHR13	991886	CHR13:991886	SSF x LoA	-9,410	0,028	0,306
CHR13	9920320	CHR13:9920320	SSF x LoA	-7,128	-0,015	0,277
CHR13	9920398	CHR13:9920398	SSF x LoA	-9,171	-0,190	0,272
CHR13	9921167	CHR13:9921167	SSF x LoA	-9,978	0,120	0,296
CHR13	9921264	CHR13:9921264	SSF x LoA	-6,276	0,062	0,297
CHR13	9924324	CHR13:9924324	SSF x LoA	-9,863	-0,006	0,293
CHR13	9943003	CHR13:9943003	SSF x LoA	-6,019	-0,092	0,298
CHR13	9951374	CHR13:9951374	SSF x LoA	-9,305	0,105	0,300
CHR13	9951547	CHR13:9951547	SSF x LoA	-9,162	-0,132	0,289
CHR13	9957736	CHR13:9957736	SSF x LoA	-1,677	-0,227	0,281
CHR13	9957901	CHR13:9957901	SSF x LoA	-11,262	-0,034	0,283
CHR13	9960290	CHR13:9960290	SSF x LoA	-8,008	-0,042	0,282
CHR13	9960292	CHR13:9960292	SSF x LoA	-9,747	-0,019	0,293
CHR13	9960346	CHR13:9960346	SSF x LoA	-6,700	-0,035	0,292
CHR13	9960358	CHR13:9960358	SSF x LoA	-9,150	0,018	0,298
CHR13	9960457	CHR13:9960457	SSF x LoA	-7,529	-0,045	0,284
CHR13	9960502	CHR13:9960502	SSF x LoA	-7,490	-0,131	0,287
CHR13	9960540	CHR13:9960540	SSF x LoA	-6,680	0,082	0,301
CHR13	9970959	CHR13:9970959	SSF x LoA	-6,598	-0,065	0,296

CHR13	9974615	CHR13:9974615	SSF x LoA	-7,803	-0,123	0,288
CHR13	9975552	CHR13:9975552	SSF x LoA	-11,181	0,034	0,288
CHR13	9975607	CHR13:9975607	SSF x LoA	-10,498	-0,041	0,288
CHR13	9977365	CHR13:9977365	SSF x LoA	-10,912	0,046	0,292
CHR13	9983122	CHR13:9983122	SSF x LoA	-6,953	0,085	0,289
CHR13	9995276	CHR13:9995276	SSF x LoA	-9,260	-0,042	0,299
CHR13	9995367	CHR13:9995367	SSF x LoA	-7,748	-0,064	0,292
CHR13	9995424	CHR13:9995424	SSF x LoA	-8,267	-0,084	0,282
CHR13	9995456	CHR13:9995456	SSF x LoA	-10,890	-0,077	0,284
CHR13	9997160	CHR13:9997160	SSF x LoA	-3,861	-0,146	0,283
CHR14	1E+07	CHR14:10014559	SSF x LoA	-10,705	-0,027	0,287
CHR14	1E+07	CHR14:10021839	SSF x LoA	-8,603	-0,070	0,278
CHR14	1E+07	CHR14:10021935	SSF x LoA	-6,713	0,039	0,295
CHR14	1E+07	CHR14:10021943	SSF x LoA	-7,749	0,073	0,278
CHR14	1004935	CHR14:1004935	SSF x LoA	-6,743	-0,117	0,293
CHR14	1E+07	CHR14:10051414	SSF x LoA	-6,508	-0,024	0,284
CHR14	1005180	CHR14:1005180	SSF x LoA	-7,808	-0,029	0,297
CHR14	1E+07	CHR14:10054959	SSF x LoA	-10,213	0,022	0,294
CHR14	1E+07	CHR14:10068895	SSF x LoA	-9,449	0,115	0,299
CHR14	1E+07	CHR14:10099658	SSF x LoA	-8,779	-0,003	0,289
CHR14	1E+07	CHR14:10099903	SSF x LoA	-11,063	-0,001	0,306
CHR14	1E+07	CHR14:10119668	SSF x LoA	-9,322	0,063	0,297
CHR14	1E+07	CHR14:10119672	SSF x LoA	-4,837	0,116	0,290
CHR14	1E+07	CHR14:10119703	SSF x LoA	-6,717	0,081	0,303
CHR14	1E+07	CHR14:10120354	SSF x LoA	-8,536	-0,061	0,289
CHR14	1E+07	CHR14:10120380	SSF x LoA	-11,601	-0,039	0,286
CHR14	1E+07	CHR14:10120411	SSF x LoA	-7,623	-0,161	0,280
CHR14	1E+07	CHR14:10120412	SSF x LoA	-8,647	0,049	0,286
CHR14	1E+07	CHR14:10120491	SSF x LoA	-9,244	0,009	0,297
CHR14	1E+07	CHR14:10120504	SSF x LoA	-8,791	0,080	0,298
CHR14	1E+07	CHR14:10144622	SSF x LoA	-10,072	-0,029	0,274
CHR14	1E+07	CHR14:10152333	SSF x LoA	-5,006	0,241	0,267
CHR14	1E+07	CHR14:10152680	SSF x LoA	-9,267	-0,070	0,291
CHR14	1E+07	CHR14:10162684	SSF x LoA	-10,237	-0,039	0,279
CHR14	1E+07	CHR14:10162760	SSF x LoA	-9,190	-0,016	0,272
CHR14	1E+07	CHR14:10162852	SSF x LoA	-8,074	-0,075	0,274
CHR14	1E+07	CHR14:10176376	SSF x LoA	-3,605	0,031	0,288
CHR14	1E+07	CHR14:10184177	SSF x LoA	-7,051	0,031	0,282
CHR14	1E+07	CHR14:10191108	SSF x LoA	-7,189	0,063	0,285
CHR14	1E+07	CHR14:10191112	SSF x LoA	-6,919	0,110	0,273
CHR14	1E+07	CHR14:10200794	SSF x LoA	-10,237	-0,013	0,277
CHR14	1E+07	CHR14:10203043	SSF x LoA	-9,879	-0,069	0,295
CHR14	1E+07	CHR14:10230333	SSF x LoA	-4,932	-0,015	0,297
CHR14	1E+07	CHR14:10230371	SSF x LoA	-10,332	0,003	0,283
CHR14	1E+07	CHR14:10230419	SSF x LoA	-3,743	0,032	0,285
CHR14	1E+07	CHR14:10231011	SSF x LoA	-10,643	-0,048	0,290
CHR14	1E+07	CHR14:10235537	SSF x LoA	-7,918	0,045	0,289
CHR14	1E+07	CHR14:10235547	SSF x LoA	-9,272	-0,031	0,296
CHR14	1E+07	CHR14:10235581	SSF x LoA	-11,016	-0,014	0,282
CHR14	1E+07	CHR14:10239040	SSF x LoA	-10,098	0,002	0,285
CHR14	1E+07	CHR14:10239068	SSF x LoA	-9,528	-0,008	0,270
CHR14	1E+07	CHR14:10239151	SSF x LoA	-6,582	-0,176	0,291
CHR14	1E+07	CHR14:10239195	SSF x LoA	-5,269	0,219	0,270

CHR14	1E+07	CHR14:10239208	SSF x LoA	-9,776	-0,067	0,274
CHR14	1E+07	CHR14:10244452	SSF x LoA	-4,309	-0,126	0,295
CHR14	1E+07	CHR14:10244464	SSF x LoA	-7,760	-0,103	0,287
CHR14	1E+07	CHR14:10244476	SSF x LoA	-1,157	-0,178	0,283
CHR14	1E+07	CHR14:10256949	SSF x LoA	-7,459	0,073	0,300
CHR14	1E+07	CHR14:10257235	SSF x LoA	-10,374	-0,050	0,284
CHR14	1E+07	CHR14:10267905	SSF x LoA	-7,446	-0,171	0,282
CHR14	1E+07	CHR14:10267932	SSF x LoA	-10,067	0,013	0,293
CHR14	1E+07	CHR14:10267934	SSF x LoA	-8,223	-0,017	0,288
CHR14	1E+07	CHR14:10268093	SSF x LoA	-5,949	0,127	0,297
CHR14	1028901	CHR14:1028901	SSF x LoA	-8,593	0,022	0,287
CHR14	1029666	CHR14:1029666	SSF x LoA	-9,152	0,074	0,295
CHR14	1E+07	CHR14:10297423	SSF x LoA	-7,466	0,135	0,281
CHR14	1032989	CHR14:1032989	SSF x LoA	-10,557	0,033	0,307
CHR14	1033148	CHR14:1033148	SSF x LoA	-5,577	-0,174	0,289
CHR14	1034756	CHR14:1034756	SSF x LoA	-10,174	-0,054	0,275
CHR14	1035202	CHR14:1035202	SSF x LoA	-9,046	-0,080	0,284
CHR14	1E+07	CHR14:10418807	SSF x LoA	-8,811	-0,039	0,298
CHR14	1E+07	CHR14:10419082	SSF x LoA	-9,439	-0,024	0,288
CHR14	1E+07	CHR14:10422958	SSF x LoA	-9,348	-0,002	0,297
CHR14	1E+07	CHR14:10442899	SSF x LoA	-7,438	0,079	0,300
CHR14	1E+07	CHR14:10442987	SSF x LoA	-11,587	0,033	0,290
CHR14	1E+07	CHR14:10443069	SSF x LoA	-8,121	-0,088	0,286
CHR14	1E+07	CHR14:10447872	SSF x LoA	-8,070	0,017	0,305
CHR14	1E+07	CHR14:10447971	SSF x LoA	-7,873	0,150	0,279
CHR14	1E+07	CHR14:10448044	SSF x LoA	-7,997	-0,080	0,290
CHR14	1E+07	CHR14:10467483	SSF x LoA	-8,355	-0,021	0,295
CHR14	1E+07	CHR14:10467825	SSF x LoA	-9,615	-0,105	0,291
CHR14	1E+07	CHR14:10493506	SSF x LoA	-1,556	0,177	0,279
CHR14	1E+07	CHR14:10493511	SSF x LoA	-4,286	0,146	0,276
CHR14	1E+07	CHR14:10493588	SSF x LoA	-9,588	0,105	0,286
CHR14	1E+07	CHR14:10493607	SSF x LoA	-8,281	0,067	0,278
CHR14	1E+07	CHR14:10498081	SSF x LoA	-9,221	-0,021	0,289
CHR14	10503812	CHR14:10503812	SSF x LoA	-8,818	0,084	0,292
CHR14	10504026	CHR14:10504026	SSF x LoA	-6,710	0,020	0,286
CHR14	10523724	CHR14:10523724	SSF x LoA	-10,207	-0,016	0,295
CHR14	10542135	CHR14:10542135	SSF x LoA	-6,282	-0,150	0,276
CHR14	10542360	CHR14:10542360	SSF x LoA	-3,928	0,149	0,293
CHR14	10544485	CHR14:10544485	SSF x LoA	-7,104	0,064	0,299
CHR14	10544682	CHR14:10544682	SSF x LoA	-6,816	0,134	0,270
CHR14	10544690	CHR14:10544690	SSF x LoA	-10,481	-0,067	0,290
CHR14	10562177	CHR14:10562177	SSF x LoA	-9,538	0,000	0,274
CHR14	10562400	CHR14:10562400	SSF x LoA	-11,753	0,005	0,297
CHR14	1057200	CHR14:1057200	SSF x LoA	-8,956	-0,050	0,297
CHR14	1057326	CHR14:1057326	SSF x LoA	-8,137	-0,016	0,287
CHR14	10577319	CHR14:10577319	SSF x LoA	-5,973	-0,207	0,276
CHR14	10577478	CHR14:10577478	SSF x LoA	-7,846	0,006	0,302
CHR14	10578443	CHR14:10578443	SSF x LoA	-5,775	0,202	0,287
CHR14	10591741	CHR14:10591741	SSF x LoA	-8,494	-0,014	0,298
CHR14	10608726	CHR14:10608726	SSF x LoA	-7,933	-0,125	0,281
CHR14	10608853	CHR14:10608853	SSF x LoA	-4,876	0,054	0,277
CHR14	10608862	CHR14:10608862	SSF x LoA	-7,995	0,038	0,293
CHR14	10616235	CHR14:10616235	SSF x LoA	-7,209	-0,107	0,289

CHR14	10629085	CHR14:10629085	SSF x LoA	-10,572	0,028	0,301
CHR14	10639669	CHR14:10639669	SSF x LoA	-9,559	-0,047	0,308
CHR14	10644492	CHR14:10644492	SSF x LoA	-8,126	0,035	0,293
CHR14	10644583	CHR14:10644583	SSF x LoA	-7,938	0,122	0,284
CHR14	1064900	CHR14:1064900	SSF x LoA	-10,680	0,050	0,286
CHR14	1064934	CHR14:1064934	SSF x LoA	-7,004	-0,109	0,290
CHR14	1065111	CHR14:1065111	SSF x LoA	-9,823	-0,027	0,301
CHR14	1065137	CHR14:1065137	SSF x LoA	-8,326	0,002	0,291
CHR14	10652844	CHR14:10652844	SSF x LoA	-10,453	0,050	0,295
CHR14	10652853	CHR14:10652853	SSF x LoA	-8,437	0,066	0,285
CHR14	10653084	CHR14:10653084	SSF x LoA	-10,013	-0,119	0,303
CHR14	10665705	CHR14:10665705	SSF x LoA	-8,447	-0,139	0,287
CHR14	1067789	CHR14:1067789	SSF x LoA	-9,676	0,030	0,296
CHR14	10678429	CHR14:10678429	SSF x LoA	-5,935	0,019	0,292
CHR14	10678460	CHR14:10678460	SSF x LoA	-9,240	0,078	0,287
CHR14	10678546	CHR14:10678546	SSF x LoA	-8,494	0,110	0,303
CHR14	10692120	CHR14:10692120	SSF x LoA	-10,769	-0,025	0,286
CHR14	10692158	CHR14:10692158	SSF x LoA	-4,608	0,108	0,309
CHR14	10749814	CHR14:10749814	SSF x LoA	-7,582	0,119	0,297
CHR14	10789919	CHR14:10789919	SSF x LoA	-7,312	-0,100	0,280
CHR14	1084526	CHR14:1084526	SSF x LoA	-7,667	0,063	0,302
CHR14	1085273	CHR14:1085273	SSF x LoA	-9,183	-0,036	0,298
CHR14	1085420	CHR14:1085420	SSF x LoA	-5,953	0,010	0,282
CHR14	10870538	CHR14:10870538	SSF x LoA	-8,427	-0,082	0,290
CHR14	10870576	CHR14:10870576	SSF x LoA	-8,836	-0,070	0,278
CHR14	10870644	CHR14:10870644	SSF x LoA	-9,010	-0,007	0,284
CHR14	10870718	CHR14:10870718	SSF x LoA	-6,800	0,092	0,286
CHR14	10873035	CHR14:10873035	SSF x LoA	-8,821	0,080	0,294
CHR14	10873098	CHR14:10873098	SSF x LoA	-8,477	0,082	0,290
CHR14	10873187	CHR14:10873187	SSF x LoA	-6,201	0,100	0,307
CHR14	10873199	CHR14:10873199	SSF x LoA	-7,950	-0,119	0,285
CHR14	10873376	CHR14:10873376	SSF x LoA	-7,291	-0,028	0,284
CHR14	10914638	CHR14:10914638	SSF x LoA	-9,174	0,096	0,285
CHR14	10914788	CHR14:10914788	SSF x LoA	-7,981	-0,046	0,285
CHR14	10949764	CHR14:10949764	SSF x LoA	-10,039	-0,089	0,305
CHR14	10949937	CHR14:10949937	SSF x LoA	-6,249	-0,039	0,292
CHR14	10955935	CHR14:10955935	SSF x LoA	-8,750	-0,128	0,280
CHR14	10957856	CHR14:10957856	SSF x LoA	-7,329	-0,187	0,285
CHR14	11059697	CHR14:11059697	SSF x LoA	-10,089	0,056	0,285
CHR14	11059807	CHR14:11059807	SSF x LoA	-11,589	0,033	0,287
CHR14	1108265	CHR14:1108265	SSF x LoA	-7,202	0,015	0,296
CHR14	11194582	CHR14:11194582	SSF x LoA	-8,683	-0,181	0,274
CHR14	11194653	CHR14:11194653	SSF x LoA	-8,660	-0,016	0,293
CHR14	11227511	CHR14:11227511	SSF x LoA	-9,161	0,054	0,284
CHR14	11307047	CHR14:11307047	SSF x LoA	-7,939	0,015	0,283
CHR14	11312820	CHR14:11312820	SSF x LoA	-10,417	0,045	0,282
CHR14	11342407	CHR14:11342407	SSF x LoA	-7,562	-0,083	0,284
CHR14	11344640	CHR14:11344640	SSF x LoA	-5,711	-0,112	0,284
CHR14	11348270	CHR14:11348270	SSF x LoA	-7,849	-0,117	0,272
CHR14	11348273	CHR14:11348273	SSF x LoA	-7,838	0,087	0,296
CHR14	11348279	CHR14:11348279	SSF x LoA	-5,231	0,022	0,290
CHR14	11364430	CHR14:11364430	SSF x LoA	-8,348	-0,133	0,283
CHR14	11366735	CHR14:11366735	SSF x LoA	-7,905	-0,051	0,293

CHR14	11377136	CHR14:11377136	SSF x LoA	-9,320	-0,018	0,295
CHR14	11405251	CHR14:11405251	SSF x LoA	-7,496	0,006	0,288
CHR14	11408900	CHR14:11408900	SSF x LoA	-4,797	-0,079	0,290
CHR14	11409093	CHR14:11409093	SSF x LoA	-7,870	-0,094	0,285
CHR14	11413202	CHR14:11413202	SSF x LoA	-9,130	-0,034	0,279
CHR14	11420573	CHR14:11420573	SSF x LoA	-10,416	-0,068	0,283
CHR14	11421359	CHR14:11421359	SSF x LoA	-8,577	-0,017	0,283
CHR14	11442014	CHR14:11442014	SSF x LoA	-8,480	-0,039	0,287
CHR14	11442112	CHR14:11442112	SSF x LoA	-7,415	0,107	0,295
CHR14	11442341	CHR14:11442341	SSF x LoA	-7,366	0,107	0,295
CHR14	1145007	CHR14:1145007	SSF x LoA	-9,075	-0,031	0,281
CHR14	11496775	CHR14:11496775	SSF x LoA	-10,749	-0,007	0,279
CHR14	11499242	CHR14:11499242	SSF x LoA	-7,350	0,098	0,293
CHR14	11499326	CHR14:11499326	SSF x LoA	-8,998	-0,010	0,301
CHR14	11508644	CHR14:11508644	SSF x LoA	-6,287	0,029	0,298
CHR14	11522318	CHR14:11522318	SSF x LoA	-9,396	0,027	0,284
CHR14	1153389	CHR14:1153389	SSF x LoA	-10,264	0,023	0,297
CHR14	1153406	CHR14:1153406	SSF x LoA	-10,001	-0,155	0,277
CHR14	1153439	CHR14:1153439	SSF x LoA	-4,445	-0,092	0,296
CHR14	1153486	CHR14:1153486	SSF x LoA	-7,961	-0,222	0,272
CHR14	1154918	CHR14:1154918	SSF x LoA	-10,245	0,024	0,283
CHR14	1154919	CHR14:1154919	SSF x LoA	-8,372	0,070	0,287
CHR14	1155057	CHR14:1155057	SSF x LoA	-7,455	-0,001	0,296
CHR14	11562376	CHR14:11562376	SSF x LoA	-9,840	0,056	0,284
CHR14	11566244	CHR14:11566244	SSF x LoA	-10,744	-0,034	0,287
CHR14	11575215	CHR14:11575215	SSF x LoA	-7,966	0,004	0,304
CHR14	1166778	CHR14:1166778	SSF x LoA	-9,390	-0,084	0,271
CHR14	11674478	CHR14:11674478	SSF x LoA	-9,555	-0,016	0,298
CHR14	11683066	CHR14:11683066	SSF x LoA	-8,156	0,016	0,304
CHR14	11683104	CHR14:11683104	SSF x LoA	-12,018	0,002	0,287
CHR14	11692141	CHR14:11692141	SSF x LoA	-11,498	-0,036	0,280
CHR14	11699130	CHR14:11699130	SSF x LoA	-9,152	0,028	0,293
CHR14	1170969	CHR14:1170969	SSF x LoA	-11,451	0,004	0,290
CHR14	1170970	CHR14:1170970	SSF x LoA	-10,191	0,060	0,290
CHR14	1171327	CHR14:1171327	SSF x LoA	-6,872	0,058	0,300
CHR14	11778070	CHR14:11778070	SSF x LoA	-7,207	-0,030	0,277
CHR14	11778170	CHR14:11778170	SSF x LoA	-11,229	-0,004	0,301
CHR14	11781456	CHR14:11781456	SSF x LoA	-8,336	0,104	0,305
CHR14	11807694	CHR14:11807694	SSF x LoA	-10,909	0,017	0,283
CHR14	11813492	CHR14:11813492	SSF x LoA	-8,279	-0,027	0,304
CHR14	11822371	CHR14:11822371	SSF x LoA	-8,980	0,096	0,288
CHR14	11860021	CHR14:11860021	SSF x LoA	-10,642	0,051	0,293
CHR14	11900782	CHR14:11900782	SSF x LoA	-7,898	0,125	0,300
CHR14	11912554	CHR14:11912554	SSF x LoA	-7,884	-0,204	0,266
CHR14	1193628	CHR14:1193628	SSF x LoA	-10,737	-0,045	0,286
CHR14	1193901	CHR14:1193901	SSF x LoA	-10,191	0,032	0,298
CHR14	1205165	CHR14:1205165	SSF x LoA	-9,718	-0,053	0,284
CHR14	1223589	CHR14:1223589	SSF x LoA	-5,681	0,157	0,294
CHR14	1223908	CHR14:1223908	SSF x LoA	-7,948	-0,150	0,287
CHR14	1257202	CHR14:1257202	SSF x LoA	-5,275	-0,217	0,270
CHR14	1257344	CHR14:1257344	SSF x LoA	-0,713	-0,200	0,263
CHR14	1259165	CHR14:1259165	SSF x LoA	-10,609	-0,057	0,283
CHR14	1263903	CHR14:1263903	SSF x LoA	-8,675	-0,087	0,292

CHR14	1264136	CHR14:1264136	SSF x LoA	-8,928	-0,109	0,284
CHR14	1266272	CHR14:1266272	SSF x LoA	-8,212	-0,084	0,290
CHR14	1266293	CHR14:1266293	SSF x LoA	-3,880	-0,192	0,285
CHR14	1288926	CHR14:1288926	SSF x LoA	-5,507	0,146	0,282
CHR14	1288927	CHR14:1288927	SSF x LoA	-9,188	0,010	0,301
CHR14	1296920	CHR14:1296920	SSF x LoA	-11,360	0,067	0,297
CHR14	1297006	CHR14:1297006	SSF x LoA	-1,817	-0,135	0,304
CHR14	1316182	CHR14:1316182	SSF x LoA	-8,001	-0,065	0,295
CHR14	1316229	CHR14:1316229	SSF x LoA	-7,752	0,054	0,293
CHR14	1316327	CHR14:1316327	SSF x LoA	-7,373	-0,126	0,282
CHR14	1316363	CHR14:1316363	SSF x LoA	-8,602	-0,029	0,293
CHR14	1316433	CHR14:1316433	SSF x LoA	-11,582	-0,008	0,275
CHR14	1316453	CHR14:1316453	SSF x LoA	-9,647	0,086	0,287
CHR14	1316454	CHR14:1316454	SSF x LoA	-8,300	-0,048	0,291
CHR14	1333032	CHR14:1333032	SSF x LoA	-8,468	-0,024	0,292
CHR14	1333038	CHR14:1333038	SSF x LoA	-6,363	-0,009	0,293
CHR14	1333059	CHR14:1333059	SSF x LoA	-8,267	0,176	0,288
CHR14	1337237	CHR14:1337237	SSF x LoA	-7,541	-0,204	0,279
CHR14	1337471	CHR14:1337471	SSF x LoA	-8,090	-0,075	0,302
CHR14	1337498	CHR14:1337498	SSF x LoA	-7,714	0,085	0,288
CHR14	1348214	CHR14:1348214	SSF x LoA	-7,840	0,103	0,307
CHR14	1358589	CHR14:1358589	SSF x LoA	-5,826	-0,063	0,279
CHR14	1358684	CHR14:1358684	SSF x LoA	-9,389	-0,100	0,290
CHR14	1363335	CHR14:1363335	SSF x LoA	-10,678	-0,083	0,286
CHR14	1363674	CHR14:1363674	SSF x LoA	-8,007	-0,049	0,293
CHR14	1382185	CHR14:1382185	SSF x LoA	-8,163	-0,029	0,286
CHR14	1382188	CHR14:1382188	SSF x LoA	-7,089	0,042	0,312
CHR14	1382233	CHR14:1382233	SSF x LoA	-6,371	0,115	0,311
CHR14	1382258	CHR14:1382258	SSF x LoA	-9,363	0,038	0,277
CHR14	1385058	CHR14:1385058	SSF x LoA	-8,669	-0,002	0,301
CHR14	1385142	CHR14:1385142	SSF x LoA	-8,122	-0,116	0,279
CHR14	1391912	CHR14:1391912	SSF x LoA	-11,303	0,016	0,293
CHR14	1392109	CHR14:1392109	SSF x LoA	-7,290	0,130	0,293
CHR14	1392129	CHR14:1392129	SSF x LoA	-10,322	0,086	0,286
CHR14	1397459	CHR14:1397459	SSF x LoA	-9,949	0,082	0,295
CHR14	1397522	CHR14:1397522	SSF x LoA	-0,901	-0,127	0,290
CHR14	1397607	CHR14:1397607	SSF x LoA	-6,023	0,024	0,289
CHR14	1397644	CHR14:1397644	SSF x LoA	-10,075	-0,042	0,287
CHR14	1397714	CHR14:1397714	SSF x LoA	-10,881	-0,062	0,282
CHR14	1397771	CHR14:1397771	SSF x LoA	-8,651	0,000	0,288
CHR14	1407109	CHR14:1407109	SSF x LoA	-8,803	-0,046	0,289
CHR14	1407188	CHR14:1407188	SSF x LoA	-10,708	0,066	0,294
CHR14	1434302	CHR14:1434302	SSF x LoA	-9,273	-0,017	0,294
CHR14	1434417	CHR14:1434417	SSF x LoA	-11,072	0,014	0,288
CHR14	1434430	CHR14:1434430	SSF x LoA	-7,449	-0,030	0,301
CHR14	1438868	CHR14:1438868	SSF x LoA	-7,724	0,107	0,284
CHR14	1438922	CHR14:1438922	SSF x LoA	-8,321	0,104	0,294
CHR14	1438923	CHR14:1438923	SSF x LoA	-8,343	0,110	0,273
CHR14	1438946	CHR14:1438946	SSF x LoA	-6,647	-0,093	0,291
CHR14	1438968	CHR14:1438968	SSF x LoA	-8,238	-0,061	0,284
CHR14	1439001	CHR14:1439001	SSF x LoA	-9,824	0,049	0,300
CHR14	1441587	CHR14:1441587	SSF x LoA	-9,976	0,044	0,280
CHR14	1441643	CHR14:1441643	SSF x LoA	-8,214	0,068	0,295

CHR14	1441708	CHR14:1441708	SSF x LoA	-10,398	-0,111	0,279
CHR14	1451904	CHR14:1451904	SSF x LoA	-8,899	0,017	0,292
CHR14	1451905	CHR14:1451905	SSF x LoA	-9,841	-0,041	0,285
CHR14	1461809	CHR14:1461809	SSF x LoA	-10,161	0,099	0,287
CHR14	1472068	CHR14:1472068	SSF x LoA	-4,711	-0,152	0,281
CHR14	1472109	CHR14:1472109	SSF x LoA	-9,661	0,023	0,283
CHR14	1472110	CHR14:1472110	SSF x LoA	-9,663	0,072	0,295
CHR14	1472111	CHR14:1472111	SSF x LoA	-1,642	0,078	0,282
CHR14	1472129	CHR14:1472129	SSF x LoA	-9,448	0,107	0,289
CHR14	1472180	CHR14:1472180	SSF x LoA	-10,936	0,064	0,286
CHR14	1474819	CHR14:1474819	SSF x LoA	-8,071	0,056	0,289
CHR14	1474867	CHR14:1474867	SSF x LoA	-9,220	-0,090	0,287
CHR14	1481566	CHR14:1481566	SSF x LoA	-10,145	0,084	0,300
CHR14	1481714	CHR14:1481714	SSF x LoA	-10,772	0,101	0,290
CHR14	1490099	CHR14:1490099	SSF x LoA	-10,311	0,103	0,306
CHR14	1490131	CHR14:1490131	SSF x LoA	-10,054	0,114	0,286
CHR14	1490566	CHR14:1490566	SSF x LoA	-8,931	-0,062	0,287
CHR14	1496778	CHR14:1496778	SSF x LoA	-5,464	-0,024	0,293
CHR14	1496815	CHR14:1496815	SSF x LoA	-10,528	-0,070	0,290
CHR14	1497059	CHR14:1497059	SSF x LoA	-8,720	0,031	0,296
CHR14	1497200	CHR14:1497200	SSF x LoA	-9,282	-0,018	0,306
CHR14	1504827	CHR14:1504827	SSF x LoA	-8,209	-0,100	0,276
CHR14	1504830	CHR14:1504830	SSF x LoA	-8,810	-0,021	0,291
CHR14	1504964	CHR14:1504964	SSF x LoA	-10,524	-0,050	0,300
CHR14	1504969	CHR14:1504969	SSF x LoA	-7,474	-0,076	0,290
CHR14	1504973	CHR14:1504973	SSF x LoA	-9,395	-0,070	0,295
CHR14	1505210	CHR14:1505210	SSF x LoA	-10,574	-0,109	0,282
CHR14	1513253	CHR14:1513253	SSF x LoA	-6,400	0,109	0,286
CHR14	1513343	CHR14:1513343	SSF x LoA	-7,587	-0,009	0,306
CHR14	1513430	CHR14:1513430	SSF x LoA	-9,743	0,007	0,290
CHR14	1513467	CHR14:1513467	SSF x LoA	-8,022	-0,011	0,293
CHR14	1513509	CHR14:1513509	SSF x LoA	-6,380	0,036	0,294
CHR14	1513537	CHR14:1513537	SSF x LoA	-9,991	-0,018	0,281
CHR14	1513553	CHR14:1513553	SSF x LoA	-7,026	-0,043	0,293
CHR14	1513616	CHR14:1513616	SSF x LoA	-7,539	-0,036	0,295
CHR14	1513646	CHR14:1513646	SSF x LoA	-8,291	-0,005	0,297
CHR14	1513658	CHR14:1513658	SSF x LoA	-9,956	0,011	0,287
CHR14	1517083	CHR14:1517083	SSF x LoA	-6,701	0,099	0,289
CHR14	1517086	CHR14:1517086	SSF x LoA	-5,843	-0,119	0,284
CHR14	1517097	CHR14:1517097	SSF x LoA	-6,812	0,107	0,282
CHR14	1517118	CHR14:1517118	SSF x LoA	-7,612	0,082	0,285
CHR14	1533931	CHR14:1533931	SSF x LoA	-9,214	0,091	0,307
CHR14	1542780	CHR14:1542780	SSF x LoA	-7,842	-0,018	0,294
CHR14	1542783	CHR14:1542783	SSF x LoA	-6,956	-0,142	0,278
CHR14	1542792	CHR14:1542792	SSF x LoA	-5,025	0,043	0,285
CHR14	1543011	CHR14:1543011	SSF x LoA	-5,357	-0,008	0,304
CHR14	1543302	CHR14:1543302	SSF x LoA	-9,492	-0,142	0,288
CHR14	1561411	CHR14:1561411	SSF x LoA	-7,514	0,124	0,274
CHR14	1568968	CHR14:1568968	SSF x LoA	-10,383	-0,009	0,285
CHR14	1572755	CHR14:1572755	SSF x LoA	-9,073	0,050	0,280
CHR14	1580283	CHR14:1580283	SSF x LoA	-5,642	0,121	0,293
CHR14	1581132	CHR14:1581132	SSF x LoA	-7,973	0,168	0,284
CHR14	1581193	CHR14:1581193	SSF x LoA	-9,091	0,121	0,279

CHR14	1581245	CHR14:1581245	SSF x LoA	-9,329	0,141	0,290
CHR14	1583860	CHR14:1583860	SSF x LoA	-6,574	-0,081	0,290
CHR14	1583865	CHR14:1583865	SSF x LoA	-5,951	-0,157	0,285
CHR14	1583937	CHR14:1583937	SSF x LoA	-7,549	-0,122	0,288
CHR14	1584007	CHR14:1584007	SSF x LoA	-10,047	-0,050	0,288
CHR14	1584009	CHR14:1584009	SSF x LoA	-6,112	0,006	0,305
CHR14	1603803	CHR14:1603803	SSF x LoA	-5,536	-0,147	0,289
CHR14	1603824	CHR14:1603824	SSF x LoA	0,205	0,088	0,295
CHR14	1603840	CHR14:1603840	SSF x LoA	-9,442	0,086	0,292
CHR14	1603855	CHR14:1603855	SSF x LoA	-8,793	0,026	0,285
CHR14	1603862	CHR14:1603862	SSF x LoA	-5,720	-0,168	0,273
CHR14	1603890	CHR14:1603890	SSF x LoA	-5,033	-0,133	0,288
CHR14	1619626	CHR14:1619626	SSF x LoA	-10,504	-0,084	0,280
CHR14	1623408	CHR14:1623408	SSF x LoA	-9,422	-0,066	0,297
CHR14	1623423	CHR14:1623423	SSF x LoA	-9,621	0,000	0,285
CHR14	1623750	CHR14:1623750	SSF x LoA	-6,497	0,073	0,298
CHR14	1625646	CHR14:1625646	SSF x LoA	-8,139	-0,097	0,298
CHR14	1640085	CHR14:1640085	SSF x LoA	-5,680	-0,230	0,277
CHR14	1644105	CHR14:1644105	SSF x LoA	-9,776	0,074	0,296
CHR14	1644133	CHR14:1644133	SSF x LoA	-6,975	-0,086	0,285
CHR14	1644152	CHR14:1644152	SSF x LoA	-11,244	-0,009	0,290
CHR14	1644174	CHR14:1644174	SSF x LoA	-12,044	-0,002	0,282
CHR14	1644338	CHR14:1644338	SSF x LoA	-5,584	-0,233	0,275
CHR14	1648590	CHR14:1648590	SSF x LoA	-9,655	-0,021	0,289
CHR14	1658968	CHR14:1658968	SSF x LoA	-10,877	0,054	0,296
CHR14	1659047	CHR14:1659047	SSF x LoA	-9,825	0,006	0,302
CHR14	1668467	CHR14:1668467	SSF x LoA	-6,510	-0,023	0,285
CHR14	1668537	CHR14:1668537	SSF x LoA	-10,314	0,010	0,279
CHR14	1668587	CHR14:1668587	SSF x LoA	-11,165	0,015	0,280
CHR14	1668667	CHR14:1668667	SSF x LoA	-9,957	0,011	0,291
CHR14	1668791	CHR14:1668791	SSF x LoA	-6,769	0,000	0,297
CHR14	1688295	CHR14:1688295	SSF x LoA	-9,812	-0,093	0,305
CHR14	1688419	CHR14:1688419	SSF x LoA	-9,880	-0,020	0,295
CHR14	1688420	CHR14:1688420	SSF x LoA	-9,530	0,028	0,293
CHR14	1688438	CHR14:1688438	SSF x LoA	-7,594	-0,063	0,296
CHR14	1688506	CHR14:1688506	SSF x LoA	-10,538	0,028	0,288
CHR14	1690150	CHR14:1690150	SSF x LoA	-6,372	-0,097	0,296
CHR14	1690214	CHR14:1690214	SSF x LoA	-10,019	-0,002	0,298
CHR14	1690219	CHR14:1690219	SSF x LoA	-8,093	0,004	0,298
CHR14	1690232	CHR14:1690232	SSF x LoA	-8,103	0,023	0,296
CHR14	1690254	CHR14:1690254	SSF x LoA	-7,983	0,084	0,281
CHR14	1690280	CHR14:1690280	SSF x LoA	-7,887	0,058	0,276
CHR14	1690341	CHR14:1690341	SSF x LoA	-9,158	0,008	0,305
CHR14	1690342	CHR14:1690342	SSF x LoA	-9,774	0,001	0,304
CHR14	1699230	CHR14:1699230	SSF x LoA	-5,512	-0,147	0,295
CHR14	1699263	CHR14:1699263	SSF x LoA	-7,873	-0,049	0,283
CHR14	1699296	CHR14:1699296	SSF x LoA	-7,842	-0,116	0,283
CHR14	1706167	CHR14:1706167	SSF x LoA	-11,379	-0,046	0,289
CHR14	1737582	CHR14:1737582	SSF x LoA	-6,802	0,059	0,306
CHR14	1746377	CHR14:1746377	SSF x LoA	-1,789	-0,033	0,304
CHR14	1746388	CHR14:1746388	SSF x LoA	-8,458	-0,029	0,301
CHR14	1746414	CHR14:1746414	SSF x LoA	-6,982	-0,102	0,301
CHR14	1746454	CHR14:1746454	SSF x LoA	-9,494	-0,017	0,279

CHR14	1746482	CHR14:1746482	SSF x LoA	4,570	-0,145	0,280
CHR14	1746540	CHR14:1746540	SSF x LoA	-6,473	-0,145	0,300
CHR14	1771021	CHR14:1771021	SSF x LoA	-9,100	-0,064	0,305
CHR14	1790454	CHR14:1790454	SSF x LoA	-8,353	-0,009	0,279
CHR14	1831660	CHR14:1831660	SSF x LoA	-6,731	-0,097	0,277
CHR14	1831879	CHR14:1831879	SSF x LoA	-9,442	0,133	0,289
CHR14	1831902	CHR14:1831902	SSF x LoA	-7,718	-0,099	0,286
CHR14	1831929	CHR14:1831929	SSF x LoA	-4,602	-0,120	0,272
CHR14	1852134	CHR14:1852134	SSF x LoA	-9,030	0,125	0,296
CHR14	1852260	CHR14:1852260	SSF x LoA	-9,009	0,111	0,308
CHR14	1861806	CHR14:1861806	SSF x LoA	-8,384	-0,005	0,292
CHR14	1875984	CHR14:1875984	SSF x LoA	-9,269	-0,064	0,290
CHR14	1876097	CHR14:1876097	SSF x LoA	-8,330	-0,033	0,301
CHR14	1894248	CHR14:1894248	SSF x LoA	-11,370	0,003	0,296
CHR14	1894285	CHR14:1894285	SSF x LoA	-7,800	0,060	0,292
CHR14	1894336	CHR14:1894336	SSF x LoA	-7,219	-0,104	0,293
CHR14	1894390	CHR14:1894390	SSF x LoA	-9,082	0,092	0,298
CHR14	1894415	CHR14:1894415	SSF x LoA	-6,582	0,106	0,295
CHR14	1894460	CHR14:1894460	SSF x LoA	-7,959	0,085	0,288
CHR14	1894482	CHR14:1894482	SSF x LoA	-7,272	-0,112	0,289
CHR14	1894484	CHR14:1894484	SSF x LoA	-9,763	0,054	0,278
CHR14	1931198	CHR14:1931198	SSF x LoA	-5,083	-0,066	0,297
CHR14	1931463	CHR14:1931463	SSF x LoA	-5,234	0,128	0,282
CHR14	1950355	CHR14:1950355	SSF x LoA	-10,261	-0,049	0,274
CHR14	1950535	CHR14:1950535	SSF x LoA	-8,500	-0,103	0,276
CHR14	1955792	CHR14:1955792	SSF x LoA	-7,829	0,056	0,289
CHR14	1955832	CHR14:1955832	SSF x LoA	-7,661	0,116	0,288
CHR14	1955839	CHR14:1955839	SSF x LoA	-10,310	-0,056	0,287
CHR14	1955858	CHR14:1955858	SSF x LoA	-7,533	0,043	0,285
CHR14	1955989	CHR14:1955989	SSF x LoA	-6,894	0,170	0,279
CHR14	1987060	CHR14:1987060	SSF x LoA	-7,000	0,130	0,281
CHR14	2005079	CHR14:2005079	SSF x LoA	-8,620	0,050	0,288
CHR14	2016199	CHR14:2016199	SSF x LoA	-10,706	-0,006	0,290
CHR14	2016226	CHR14:2016226	SSF x LoA	-10,871	-0,054	0,281
CHR14	2016239	CHR14:2016239	SSF x LoA	-9,396	0,004	0,300
CHR14	2016257	CHR14:2016257	SSF x LoA	-9,442	-0,054	0,294
CHR14	2016258	CHR14:2016258	SSF x LoA	-9,966	0,004	0,289
CHR14	2016310	CHR14:2016310	SSF x LoA	-7,311	-0,061	0,292
CHR14	2016354	CHR14:2016354	SSF x LoA	-8,985	0,096	0,293
CHR14	2016400	CHR14:2016400	SSF x LoA	-10,509	0,030	0,293
CHR14	2016452	CHR14:2016452	SSF x LoA	-5,929	-0,015	0,295
CHR14	2020697	CHR14:2020697	SSF x LoA	-7,836	0,115	0,287
CHR14	2029110	CHR14:2029110	SSF x LoA	-10,187	-0,037	0,291
CHR14	2029122	CHR14:2029122	SSF x LoA	-8,913	0,004	0,285
CHR14	2036090	CHR14:2036090	SSF x LoA	-7,688	-0,075	0,280
CHR14	2047622	CHR14:2047622	SSF x LoA	-8,110	0,003	0,293
CHR14	2058447	CHR14:2058447	SSF x LoA	-7,780	0,124	0,285
CHR14	2058453	CHR14:2058453	SSF x LoA	-6,624	0,106	0,299
CHR14	2058485	CHR14:2058485	SSF x LoA	-7,169	0,080	0,302
CHR14	2058511	CHR14:2058511	SSF x LoA	-7,575	0,065	0,296
CHR14	2067066	CHR14:2067066	SSF x LoA	-7,764	0,071	0,297
CHR14	2067168	CHR14:2067168	SSF x LoA	-8,812	0,013	0,281
CHR14	2112960	CHR14:2112960	SSF x LoA	-7,273	0,113	0,301

CHR14	2112973	CHR14:2112973	SSF x LoA	-9,164	0,107	0,281
CHR14	2112983	CHR14:2112983	SSF x LoA	-8,251	-0,092	0,297
CHR14	2127820	CHR14:2127820	SSF x LoA	-4,566	-0,140	0,295
CHR14	2130765	CHR14:2130765	SSF x LoA	-8,045	-0,101	0,294
CHR14	2134582	CHR14:2134582	SSF x LoA	-7,368	0,049	0,301
CHR14	2134598	CHR14:2134598	SSF x LoA	-7,694	-0,007	0,306
CHR14	2134608	CHR14:2134608	SSF x LoA	-8,588	0,014	0,297
CHR14	2147574	CHR14:2147574	SSF x LoA	-7,021	0,058	0,308
CHR14	2147577	CHR14:2147577	SSF x LoA	-9,543	0,082	0,287
CHR14	2147587	CHR14:2147587	SSF x LoA	-9,600	0,092	0,285
CHR14	2147633	CHR14:2147633	SSF x LoA	-7,929	0,068	0,298
CHR14	2147674	CHR14:2147674	SSF x LoA	-10,615	-0,002	0,285
CHR14	2147681	CHR14:2147681	SSF x LoA	-9,173	0,094	0,294
CHR14	2147735	CHR14:2147735	SSF x LoA	-3,806	0,178	0,286
CHR14	2149650	CHR14:2149650	SSF x LoA	-9,027	-0,129	0,290
CHR14	2149672	CHR14:2149672	SSF x LoA	-7,010	0,096	0,293
CHR14	2149676	CHR14:2149676	SSF x LoA	-9,131	0,087	0,288
CHR14	2149745	CHR14:2149745	SSF x LoA	-6,686	-0,191	0,262
CHR14	2149751	CHR14:2149751	SSF x LoA	3,273	0,054	0,286
CHR14	2149791	CHR14:2149791	SSF x LoA	-3,251	-0,092	0,270
CHR14	2149792	CHR14:2149792	SSF x LoA	-6,988	-0,130	0,276
CHR14	2149832	CHR14:2149832	SSF x LoA	-9,906	0,041	0,287
CHR14	2149981	CHR14:2149981	SSF x LoA	-10,063	0,022	0,302
CHR14	2162159	CHR14:2162159	SSF x LoA	-7,213	-0,008	0,294
CHR14	2186520	CHR14:2186520	SSF x LoA	-8,306	-0,009	0,295
CHR14	2186719	CHR14:2186719	SSF x LoA	-8,117	0,057	0,290
CHR14	2200192	CHR14:2200192	SSF x LoA	-10,676	0,042	0,293
CHR14	2203048	CHR14:2203048	SSF x LoA	-6,938	0,027	0,280
CHR14	2203089	CHR14:2203089	SSF x LoA	-6,861	-0,068	0,293
CHR14	2203137	CHR14:2203137	SSF x LoA	-9,077	-0,016	0,292
CHR14	2205687	CHR14:2205687	SSF x LoA	-7,554	0,125	0,297
CHR14	2205689	CHR14:2205689	SSF x LoA	-6,321	0,144	0,293
CHR14	2209800	CHR14:2209800	SSF x LoA	-10,505	-0,053	0,291
CHR14	2209858	CHR14:2209858	SSF x LoA	-7,325	-0,082	0,282
CHR14	2209861	CHR14:2209861	SSF x LoA	-8,599	-0,025	0,275
CHR14	2209878	CHR14:2209878	SSF x LoA	-9,218	-0,013	0,285
CHR14	2209952	CHR14:2209952	SSF x LoA	-7,014	0,027	0,304
CHR14	2209991	CHR14:2209991	SSF x LoA	-9,930	-0,002	0,292
CHR14	2210030	CHR14:2210030	SSF x LoA	-7,628	-0,024	0,299
CHR14	2210041	CHR14:2210041	SSF x LoA	-0,283	-0,037	0,300
CHR14	2210042	CHR14:2210042	SSF x LoA	-9,458	0,068	0,283
CHR14	2212164	CHR14:2212164	SSF x LoA	-8,212	0,157	0,282
CHR14	2212259	CHR14:2212259	SSF x LoA	-9,330	0,052	0,296
CHR14	2223167	CHR14:2223167	SSF x LoA	-7,893	-0,038	0,279
CHR14	2223179	CHR14:2223179	SSF x LoA	-4,867	0,095	0,294
CHR14	2223297	CHR14:2223297	SSF x LoA	-9,073	-0,049	0,300
CHR14	2223337	CHR14:2223337	SSF x LoA	-9,470	0,011	0,283
CHR14	2223426	CHR14:2223426	SSF x LoA	-1,843	-0,051	0,288
CHR14	2223441	CHR14:2223441	SSF x LoA	-8,470	0,051	0,284
CHR14	2223472	CHR14:2223472	SSF x LoA	-11,464	0,011	0,291
CHR14	2235943	CHR14:2235943	SSF x LoA	-5,540	-0,180	0,274
CHR14	2235944	CHR14:2235944	SSF x LoA	-9,136	0,104	0,290
CHR14	2235945	CHR14:2235945	SSF x LoA	-10,397	0,095	0,291

CHR14	2235957	CHR14:2235957	SSF x LoA	-9,619	0,021	0,284
CHR14	2235962	CHR14:2235962	SSF x LoA	-4,464	-0,209	0,276
CHR14	2235997	CHR14:2235997	SSF x LoA	-7,819	-0,140	0,263
CHR14	2236047	CHR14:2236047	SSF x LoA	-3,518	0,080	0,304
CHR14	2236070	CHR14:2236070	SSF x LoA	-6,770	-0,215	0,281
CHR14	2236103	CHR14:2236103	SSF x LoA	0,588	-0,206	0,280
CHR14	2241923	CHR14:2241923	SSF x LoA	-8,308	0,087	0,285
CHR14	2243061	CHR14:2243061	SSF x LoA	-6,476	0,018	0,294
CHR14	2246959	CHR14:2246959	SSF x LoA	-7,821	-0,116	0,286
CHR14	2254436	CHR14:2254436	SSF x LoA	-9,275	-0,054	0,305
CHR14	2254445	CHR14:2254445	SSF x LoA	-8,291	0,036	0,286
CHR14	2254463	CHR14:2254463	SSF x LoA	-9,277	0,107	0,280
CHR14	2254529	CHR14:2254529	SSF x LoA	-7,714	-0,014	0,279
CHR14	2254606	CHR14:2254606	SSF x LoA	-8,317	-0,023	0,285
CHR14	2254630	CHR14:2254630	SSF x LoA	-8,282	-0,092	0,290
CHR14	2254661	CHR14:2254661	SSF x LoA	-4,043	0,099	0,296
CHR14	2271825	CHR14:2271825	SSF x LoA	-10,145	0,053	0,297
CHR14	2274469	CHR14:2274469	SSF x LoA	-7,812	0,213	0,278
CHR14	2279593	CHR14:2279593	SSF x LoA	-7,713	0,084	0,279
CHR14	2292574	CHR14:2292574	SSF x LoA	-7,610	-0,038	0,307
CHR14	2292783	CHR14:2292783	SSF x LoA	-5,326	0,130	0,272
CHR14	2300846	CHR14:2300846	SSF x LoA	-8,233	0,067	0,294
CHR14	2300858	CHR14:2300858	SSF x LoA	-8,551	0,006	0,293
CHR14	2300875	CHR14:2300875	SSF x LoA	-6,579	-0,134	0,293
CHR14	2301004	CHR14:2301004	SSF x LoA	-8,395	-0,024	0,287
CHR14	2319077	CHR14:2319077	SSF x LoA	-9,104	-0,072	0,294
CHR14	2319079	CHR14:2319079	SSF x LoA	-10,897	0,062	0,292
CHR14	2319161	CHR14:2319161	SSF x LoA	-7,348	-0,092	0,299
CHR14	2319213	CHR14:2319213	SSF x LoA	-7,784	-0,038	0,288
CHR14	2319223	CHR14:2319223	SSF x LoA	1,706	0,162	0,295
CHR14	2319295	CHR14:2319295	SSF x LoA	-5,489	0,092	0,299
CHR14	2319313	CHR14:2319313	SSF x LoA	-10,369	0,039	0,293
CHR14	2319320	CHR14:2319320	SSF x LoA	-8,276	0,024	0,290
CHR14	2319340	CHR14:2319340	SSF x LoA	-8,414	-0,030	0,286
CHR14	2325524	CHR14:2325524	SSF x LoA	-9,051	0,051	0,296
CHR14	2325532	CHR14:2325532	SSF x LoA	-5,481	0,188	0,275
CHR14	2325589	CHR14:2325589	SSF x LoA	-9,573	0,026	0,306
CHR14	2325592	CHR14:2325592	SSF x LoA	-9,367	0,040	0,313
CHR14	2325598	CHR14:2325598	SSF x LoA	-8,437	-0,007	0,304
CHR14	2325600	CHR14:2325600	SSF x LoA	-7,778	-0,036	0,295
CHR14	2325606	CHR14:2325606	SSF x LoA	-7,384	-0,031	0,310
CHR14	2325644	CHR14:2325644	SSF x LoA	-9,574	0,060	0,284
CHR14	2325679	CHR14:2325679	SSF x LoA	-6,444	-0,119	0,279
CHR14	2325748	CHR14:2325748	SSF x LoA	-8,919	-0,100	0,284
CHR14	2325751	CHR14:2325751	SSF x LoA	-8,932	0,118	0,287
CHR14	2329043	CHR14:2329043	SSF x LoA	-8,650	0,081	0,291
CHR14	2329051	CHR14:2329051	SSF x LoA	-8,230	-0,019	0,294
CHR14	2329094	CHR14:2329094	SSF x LoA	-6,627	-0,083	0,290
CHR14	2330892	CHR14:2330892	SSF x LoA	-8,788	0,085	0,290
CHR14	2330994	CHR14:2330994	SSF x LoA	-8,528	-0,091	0,274
CHR14	2331087	CHR14:2331087	SSF x LoA	-8,031	-0,031	0,300
CHR14	2333523	CHR14:2333523	SSF x LoA	-10,959	-0,004	0,290
CHR14	2333527	CHR14:2333527	SSF x LoA	-10,943	0,030	0,288

CHR14	2333747	CHR14:2333747	SSF x LoA	-11,256	0,117	0,282
CHR14	2333773	CHR14:2333773	SSF x LoA	-5,277	0,017	0,295
CHR14	2348462	CHR14:2348462	SSF x LoA	-5,824	0,144	0,290
CHR14	2348589	CHR14:2348589	SSF x LoA	-9,640	0,032	0,295
CHR14	2348717	CHR14:2348717	SSF x LoA	-6,994	-0,084	0,295
CHR14	2382864	CHR14:2382864	SSF x LoA	-8,392	-0,119	0,277
CHR14	2382903	CHR14:2382903	SSF x LoA	-8,185	-0,057	0,298
CHR14	2382942	CHR14:2382942	SSF x LoA	-8,350	-0,037	0,297
CHR14	2389702	CHR14:2389702	SSF x LoA	-10,942	0,010	0,291
CHR14	2391923	CHR14:2391923	SSF x LoA	-7,397	0,125	0,298
CHR14	2391935	CHR14:2391935	SSF x LoA	-3,948	0,099	0,293
CHR14	2392014	CHR14:2392014	SSF x LoA	-5,065	0,144	0,295
CHR14	2392073	CHR14:2392073	SSF x LoA	-4,900	0,014	0,286
CHR14	2392076	CHR14:2392076	SSF x LoA	-8,619	0,077	0,292
CHR14	2392181	CHR14:2392181	SSF x LoA	-11,168	-0,003	0,283
CHR14	2393576	CHR14:2393576	SSF x LoA	-6,515	0,040	0,279
CHR14	2395116	CHR14:2395116	SSF x LoA	-7,344	-0,102	0,281
CHR14	2413985	CHR14:2413985	SSF x LoA	-9,280	0,052	0,295
CHR14	2414004	CHR14:2414004	SSF x LoA	-8,900	0,017	0,286
CHR14	2414026	CHR14:2414026	SSF x LoA	-7,983	0,095	0,293
CHR14	2414091	CHR14:2414091	SSF x LoA	-8,665	0,082	0,294
CHR14	2414241	CHR14:2414241	SSF x LoA	-8,744	-0,055	0,292
CHR14	2473967	CHR14:2473967	SSF x LoA	-8,026	0,056	0,286
CHR14	2485495	CHR14:2485495	SSF x LoA	-9,283	-0,116	0,278
CHR14	2485525	CHR14:2485525	SSF x LoA	-9,592	0,084	0,285
CHR14	2485609	CHR14:2485609	SSF x LoA	-7,032	-0,030	0,291
CHR14	2485643	CHR14:2485643	SSF x LoA	-5,104	-0,036	0,277
CHR14	2485736	CHR14:2485736	SSF x LoA	-8,203	0,097	0,271
CHR14	2489784	CHR14:2489784	SSF x LoA	-10,246	0,011	0,289
CHR14	2489792	CHR14:2489792	SSF x LoA	-3,946	0,002	0,310
CHR14	2490076	CHR14:2490076	SSF x LoA	-8,269	-0,136	0,276
CHR14	2490090	CHR14:2490090	SSF x LoA	-7,118	-0,092	0,272
CHR14	2490099	CHR14:2490099	SSF x LoA	-9,643	0,019	0,301
CHR14	2495966	CHR14:2495966	SSF x LoA	-5,411	0,121	0,310
CHR14	2496013	CHR14:2496013	SSF x LoA	-6,510	0,034	0,306
CHR14	2496028	CHR14:2496028	SSF x LoA	-8,300	0,000	0,284
CHR14	2496040	CHR14:2496040	SSF x LoA	-6,720	-0,059	0,281
CHR14	2499222	CHR14:2499222	SSF x LoA	-7,547	-0,082	0,302
CHR14	2499242	CHR14:2499242	SSF x LoA	-8,045	0,053	0,309
CHR14	2499273	CHR14:2499273	SSF x LoA	-9,099	0,037	0,289
CHR14	2499305	CHR14:2499305	SSF x LoA	-7,225	-0,064	0,299
CHR14	2499329	CHR14:2499329	SSF x LoA	-6,753	0,065	0,307
CHR14	2499335	CHR14:2499335	SSF x LoA	-9,109	0,070	0,293
CHR14	2522480	CHR14:2522480	SSF x LoA	-6,672	-0,070	0,289
CHR14	2522510	CHR14:2522510	SSF x LoA	-3,137	0,016	0,292
CHR14	2525153	CHR14:2525153	SSF x LoA	-9,434	-0,036	0,285
CHR14	2525234	CHR14:2525234	SSF x LoA	-9,236	-0,022	0,288
CHR14	2525261	CHR14:2525261	SSF x LoA	-9,522	0,005	0,293
CHR14	2528606	CHR14:2528606	SSF x LoA	-10,052	-0,018	0,284
CHR14	2528652	CHR14:2528652	SSF x LoA	-8,005	-0,061	0,297
CHR14	2528761	CHR14:2528761	SSF x LoA	-6,842	-0,010	0,288
CHR14	2529526	CHR14:2529526	SSF x LoA	-7,974	-0,048	0,290
CHR14	2533659	CHR14:2533659	SSF x LoA	-9,941	-0,098	0,294

CHR14	2535188	CHR14:2535188	SSF x LoA	16,514	0,124	0,279
CHR14	2536568	CHR14:2536568	SSF x LoA	-7,808	0,110	0,284
CHR14	2536653	CHR14:2536653	SSF x LoA	-8,600	0,007	0,290
CHR14	2536655	CHR14:2536655	SSF x LoA	-8,987	0,037	0,298
CHR14	2536682	CHR14:2536682	SSF x LoA	-8,668	-0,114	0,295
CHR14	2536723	CHR14:2536723	SSF x LoA	-10,579	0,008	0,291
CHR14	2542581	CHR14:2542581	SSF x LoA	-10,612	0,009	0,288
CHR14	2565412	CHR14:2565412	SSF x LoA	-7,651	-0,029	0,296
CHR14	2578280	CHR14:2578280	SSF x LoA	-3,314	-0,157	0,288
CHR14	2590259	CHR14:2590259	SSF x LoA	-4,692	0,136	0,274
CHR14	2590317	CHR14:2590317	SSF x LoA	-8,890	-0,104	0,276
CHR14	2591966	CHR14:2591966	SSF x LoA	-6,439	-0,193	0,292
CHR14	2591988	CHR14:2591988	SSF x LoA	-8,465	0,100	0,290
CHR14	2592009	CHR14:2592009	SSF x LoA	-8,161	0,110	0,300
CHR14	2592068	CHR14:2592068	SSF x LoA	-10,705	-0,028	0,289
CHR14	2592128	CHR14:2592128	SSF x LoA	-4,817	-0,015	0,312
CHR14	2592170	CHR14:2592170	SSF x LoA	-10,719	0,035	0,294
CHR14	2592196	CHR14:2592196	SSF x LoA	-10,175	-0,028	0,280
CHR14	2592202	CHR14:2592202	SSF x LoA	-8,113	0,059	0,284
CHR14	2625396	CHR14:2625396	SSF x LoA	-9,734	0,055	0,286
CHR14	2637166	CHR14:2637166	SSF x LoA	-6,732	-0,120	0,295
CHR14	2637417	CHR14:2637417	SSF x LoA	-9,408	0,085	0,290
CHR14	2637424	CHR14:2637424	SSF x LoA	-9,189	-0,022	0,294
CHR14	2637445	CHR14:2637445	SSF x LoA	-10,439	0,100	0,284
CHR14	2653732	CHR14:2653732	SSF x LoA	-7,605	-0,087	0,288
CHR14	2653742	CHR14:2653742	SSF x LoA	-8,144	0,078	0,293
CHR14	2653747	CHR14:2653747	SSF x LoA	-8,101	-0,043	0,296
CHR14	2655192	CHR14:2655192	SSF x LoA	-5,036	0,042	0,300
CHR14	2655205	CHR14:2655205	SSF x LoA	-11,207	0,024	0,300
CHR14	2655273	CHR14:2655273	SSF x LoA	-8,923	0,012	0,282
CHR14	2655281	CHR14:2655281	SSF x LoA	-8,214	-0,010	0,304
CHR14	2655287	CHR14:2655287	SSF x LoA	-6,988	0,037	0,290
CHR14	2663232	CHR14:2663232	SSF x LoA	-10,710	-0,029	0,305
CHR14	2663377	CHR14:2663377	SSF x LoA	-10,165	-0,109	0,283
CHR14	2679541	CHR14:2679541	SSF x LoA	-8,557	0,078	0,296
CHR14	2679645	CHR14:2679645	SSF x LoA	-9,700	0,026	0,293
CHR14	2687668	CHR14:2687668	SSF x LoA	-8,791	0,128	0,286
CHR14	2717472	CHR14:2717472	SSF x LoA	-5,680	0,180	0,289
CHR14	2717534	CHR14:2717534	SSF x LoA	-5,822	0,141	0,281
CHR14	2717537	CHR14:2717537	SSF x LoA	-6,935	0,141	0,275
CHR14	2717541	CHR14:2717541	SSF x LoA	-10,398	0,056	0,299
CHR14	2717553	CHR14:2717553	SSF x LoA	-6,667	0,145	0,280
CHR14	2717672	CHR14:2717672	SSF x LoA	-8,591	-0,121	0,280
CHR14	2717689	CHR14:2717689	SSF x LoA	-1,564	-0,154	0,291
CHR14	2733070	CHR14:2733070	SSF x LoA	-6,245	-0,096	0,308
CHR14	2733106	CHR14:2733106	SSF x LoA	-6,574	-0,095	0,302
CHR14	2733199	CHR14:2733199	SSF x LoA	-10,124	0,027	0,281
CHR14	2733266	CHR14:2733266	SSF x LoA	-10,905	-0,031	0,289
CHR14	2733267	CHR14:2733267	SSF x LoA	-8,995	0,031	0,285
CHR14	2733268	CHR14:2733268	SSF x LoA	-10,037	0,021	0,292
CHR14	2733363	CHR14:2733363	SSF x LoA	-8,074	0,011	0,284
CHR14	2745974	CHR14:2745974	SSF x LoA	-9,781	0,032	0,300
CHR14	2746201	CHR14:2746201	SSF x LoA	-8,681	0,057	0,274

CHR14	2761104	CHR14:2761104	SSF x LoA	-7,447	-0,098	0,294
CHR14	2761219	CHR14:2761219	SSF x LoA	-9,233	-0,154	0,291
CHR14	2761232	CHR14:2761232	SSF x LoA	-9,576	-0,039	0,286
CHR14	2779912	CHR14:2779912	SSF x LoA	-10,848	0,050	0,275
CHR14	2779955	CHR14:2779955	SSF x LoA	-9,106	0,089	0,305
CHR14	2780034	CHR14:2780034	SSF x LoA	-5,960	-0,202	0,276
CHR14	2780035	CHR14:2780035	SSF x LoA	-7,386	-0,147	0,275
CHR14	2780189	CHR14:2780189	SSF x LoA	-3,544	0,184	0,269
CHR14	2781945	CHR14:2781945	SSF x LoA	-7,529	-0,116	0,294
CHR14	2782005	CHR14:2782005	SSF x LoA	-8,842	0,074	0,290
CHR14	2782918	CHR14:2782918	SSF x LoA	-5,717	0,118	0,288
CHR14	2782930	CHR14:2782930	SSF x LoA	-8,931	-0,089	0,283
CHR14	2782951	CHR14:2782951	SSF x LoA	-8,734	0,007	0,281
CHR14	2782999	CHR14:2782999	SSF x LoA	-6,379	-0,153	0,287
CHR14	2784686	CHR14:2784686	SSF x LoA	-9,277	-0,023	0,283
CHR14	2784747	CHR14:2784747	SSF x LoA	-7,793	-0,061	0,295
CHR14	2784749	CHR14:2784749	SSF x LoA	-5,323	0,061	0,289
CHR14	2811577	CHR14:2811577	SSF x LoA	-9,091	0,123	0,298
CHR14	2811605	CHR14:2811605	SSF x LoA	-8,904	0,048	0,288
CHR14	2817339	CHR14:2817339	SSF x LoA	-8,722	-0,145	0,282
CHR14	2833306	CHR14:2833306	SSF x LoA	-9,717	-0,045	0,296
CHR14	2833537	CHR14:2833537	SSF x LoA	-10,525	-0,104	0,286
CHR14	2836213	CHR14:2836213	SSF x LoA	-7,473	-0,138	0,271
CHR14	2842503	CHR14:2842503	SSF x LoA	-9,184	0,024	0,293
CHR14	2842570	CHR14:2842570	SSF x LoA	-5,377	-0,174	0,289
CHR14	2851594	CHR14:2851594	SSF x LoA	-9,667	0,040	0,289
CHR14	2851622	CHR14:2851622	SSF x LoA	-8,259	-0,071	0,285
CHR14	2851713	CHR14:2851713	SSF x LoA	-8,673	-0,012	0,284
CHR14	2851749	CHR14:2851749	SSF x LoA	-7,834	-0,055	0,288
CHR14	2867406	CHR14:2867406	SSF x LoA	-7,697	-0,123	0,272
CHR14	2867595	CHR14:2867595	SSF x LoA	-7,056	0,079	0,258
CHR14	2876019	CHR14:2876019	SSF x LoA	-10,884	0,073	0,294
CHR14	2876130	CHR14:2876130	SSF x LoA	-5,911	0,148	0,295
CHR14	2876164	CHR14:2876164	SSF x LoA	-10,249	-0,048	0,294
CHR14	2892223	CHR14:2892223	SSF x LoA	-9,280	0,094	0,294
CHR14	2892295	CHR14:2892295	SSF x LoA	-7,874	-0,166	0,281
CHR14	2927857	CHR14:2927857	SSF x LoA	-9,466	-0,006	0,297
CHR14	2927881	CHR14:2927881	SSF x LoA	-7,333	0,126	0,299
CHR14	2927894	CHR14:2927894	SSF x LoA	-7,800	0,130	0,281
CHR14	2934811	CHR14:2934811	SSF x LoA	-8,868	0,060	0,284
CHR14	2934824	CHR14:2934824	SSF x LoA	-4,254	-0,064	0,288
CHR14	2934835	CHR14:2934835	SSF x LoA	-9,656	0,030	0,293
CHR14	2947831	CHR14:2947831	SSF x LoA	-5,240	0,082	0,296
CHR14	2947930	CHR14:2947930	SSF x LoA	-8,130	-0,021	0,292
CHR14	2948020	CHR14:2948020	SSF x LoA	-7,694	-0,115	0,292
CHR14	2954222	CHR14:2954222	SSF x LoA	-9,210	0,008	0,286
CHR14	2954262	CHR14:2954262	SSF x LoA	-9,670	0,012	0,290
CHR14	2956761	CHR14:2956761	SSF x LoA	-9,836	0,094	0,292
CHR14	2959230	CHR14:2959230	SSF x LoA	-8,563	0,009	0,307
CHR14	2959328	CHR14:2959328	SSF x LoA	-7,239	0,130	0,279
CHR14	2959419	CHR14:2959419	SSF x LoA	-9,382	-0,051	0,279
CHR14	2959428	CHR14:2959428	SSF x LoA	-7,948	-0,030	0,297
CHR14	2959469	CHR14:2959469	SSF x LoA	-10,478	-0,105	0,287

CHR14	2977445	CHR14:2977445	SSF x LoA	1,855	0,127	0,291
CHR14	2978423	CHR14:2978423	SSF x LoA	-6,983	-0,041	0,293
CHR14	2988203	CHR14:2988203	SSF x LoA	-7,024	-0,030	0,287
CHR14	2988407	CHR14:2988407	SSF x LoA	-8,305	0,029	0,287
CHR14	2988441	CHR14:2988441	SSF x LoA	-8,096	0,091	0,287
CHR14	2995251	CHR14:2995251	SSF x LoA	-7,247	0,085	0,277
CHR14	2995263	CHR14:2995263	SSF x LoA	-10,729	0,052	0,277
CHR14	2995288	CHR14:2995288	SSF x LoA	-8,049	0,016	0,298
CHR14	2995415	CHR14:2995415	SSF x LoA	-7,266	0,086	0,283
CHR14	2995431	CHR14:2995431	SSF x LoA	-10,101	0,016	0,278
CHR14	2995469	CHR14:2995469	SSF x LoA	-10,069	-0,034	0,293
CHR14	3002726	CHR14:3002726	SSF x LoA	-7,762	0,032	0,296
CHR14	3002736	CHR14:3002736	SSF x LoA	-5,364	-0,181	0,277
CHR14	3002770	CHR14:3002770	SSF x LoA	-8,461	-0,052	0,284
CHR14	3011874	CHR14:3011874	SSF x LoA	-10,192	-0,075	0,291
CHR14	3011894	CHR14:3011894	SSF x LoA	-9,477	0,033	0,281
CHR14	3012026	CHR14:3012026	SSF x LoA	-8,263	-0,156	0,283
CHR14	3012043	CHR14:3012043	SSF x LoA	-6,724	0,036	0,290
CHR14	3012087	CHR14:3012087	SSF x LoA	-7,361	0,066	0,297
CHR14	3012088	CHR14:3012088	SSF x LoA	-9,894	-0,096	0,289
CHR14	3012108	CHR14:3012108	SSF x LoA	-9,795	-0,001	0,276
CHR14	3012124	CHR14:3012124	SSF x LoA	-8,594	0,053	0,266
CHR14	3012128	CHR14:3012128	SSF x LoA	-8,666	0,063	0,279
CHR14	3019209	CHR14:3019209	SSF x LoA	-9,005	-0,027	0,281
CHR14	3019259	CHR14:3019259	SSF x LoA	-6,731	0,187	0,273
CHR14	3019369	CHR14:3019369	SSF x LoA	-6,553	0,175	0,271
CHR14	3019376	CHR14:3019376	SSF x LoA	-10,166	-0,076	0,283
CHR14	3019416	CHR14:3019416	SSF x LoA	-5,955	0,089	0,288
CHR14	3019442	CHR14:3019442	SSF x LoA	-7,532	0,127	0,279
CHR14	3019465	CHR14:3019465	SSF x LoA	-9,824	0,028	0,297
CHR14	3019473	CHR14:3019473	SSF x LoA	-8,573	-0,029	0,303
CHR14	3026031	CHR14:3026031	SSF x LoA	-9,977	-0,072	0,288
CHR14	3048420	CHR14:3048420	SSF x LoA	-8,732	-0,045	0,278
CHR14	3048445	CHR14:3048445	SSF x LoA	-10,810	-0,032	0,299
CHR14	3055076	CHR14:3055076	SSF x LoA	-9,046	-0,131	0,296
CHR14	3055204	CHR14:3055204	SSF x LoA	-7,961	0,158	0,296
CHR14	3060938	CHR14:3060938	SSF x LoA	-8,450	0,004	0,277
CHR14	3061077	CHR14:3061077	SSF x LoA	-8,621	-0,112	0,283
CHR14	3113485	CHR14:3113485	SSF x LoA	-7,369	0,021	0,292
CHR14	3113493	CHR14:3113493	SSF x LoA	-10,404	-0,020	0,288
CHR14	3113497	CHR14:3113497	SSF x LoA	-9,928	-0,018	0,291
CHR14	3113502	CHR14:3113502	SSF x LoA	-8,909	0,009	0,284
CHR14	3113506	CHR14:3113506	SSF x LoA	-8,527	-0,008	0,296
CHR14	3113510	CHR14:3113510	SSF x LoA	-7,870	0,009	0,299
CHR14	3113576	CHR14:3113576	SSF x LoA	-10,664	-0,070	0,288
CHR14	3115923	CHR14:3115923	SSF x LoA	-6,928	-0,168	0,291
CHR14	3116016	CHR14:3116016	SSF x LoA	-5,187	-0,179	0,286
CHR14	3116067	CHR14:3116067	SSF x LoA	-9,996	-0,004	0,290
CHR14	3116104	CHR14:3116104	SSF x LoA	-9,374	-0,027	0,283
CHR14	3116150	CHR14:3116150	SSF x LoA	-9,332	0,121	0,289
CHR14	3116175	CHR14:3116175	SSF x LoA	-7,171	0,032	0,279
CHR14	3120852	CHR14:3120852	SSF x LoA	-8,165	0,000	0,300
CHR14	3120856	CHR14:3120856	SSF x LoA	-8,260	-0,012	0,303

CHR14	3120903	CHR14:3120903	SSF x LoA	-10,794	-0,066	0,297
CHR14	3128007	CHR14:3128007	SSF x LoA	-2,468	-0,241	0,280
CHR14	3128067	CHR14:3128067	SSF x LoA	-11,013	-0,066	0,285
CHR14	3128106	CHR14:3128106	SSF x LoA	-9,612	0,019	0,285
CHR14	3128211	CHR14:3128211	SSF x LoA	-9,579	0,015	0,295
CHR14	3129364	CHR14:3129364	SSF x LoA	-9,848	-0,068	0,301
CHR14	3129379	CHR14:3129379	SSF x LoA	-11,933	0,036	0,290
CHR14	3129417	CHR14:3129417	SSF x LoA	-6,191	-0,063	0,305
CHR14	3129464	CHR14:3129464	SSF x LoA	-8,960	0,026	0,297
CHR14	3129471	CHR14:3129471	SSF x LoA	-8,002	0,104	0,289
CHR14	3129599	CHR14:3129599	SSF x LoA	-8,230	0,163	0,274
CHR14	3129672	CHR14:3129672	SSF x LoA	-4,385	0,186	0,299
CHR14	3129680	CHR14:3129680	SSF x LoA	-7,809	-0,136	0,264
CHR14	3129687	CHR14:3129687	SSF x LoA	-7,124	-0,082	0,302
CHR14	3138600	CHR14:3138600	SSF x LoA	-8,052	0,072	0,290
CHR14	3138739	CHR14:3138739	SSF x LoA	-8,322	0,103	0,282
CHR14	3138840	CHR14:3138840	SSF x LoA	-8,136	-0,042	0,283
CHR14	3138860	CHR14:3138860	SSF x LoA	-8,904	0,034	0,297
CHR14	3138886	CHR14:3138886	SSF x LoA	-7,937	-0,126	0,270
CHR14	3147424	CHR14:3147424	SSF x LoA	-5,096	0,076	0,263
CHR14	3169065	CHR14:3169065	SSF x LoA	-7,970	0,077	0,308
CHR14	3169159	CHR14:3169159	SSF x LoA	-7,718	-0,043	0,294
CHR14	3169162	CHR14:3169162	SSF x LoA	-7,148	0,057	0,292
CHR14	3177156	CHR14:3177156	SSF x LoA	-8,291	0,047	0,274
CHR14	3177157	CHR14:3177157	SSF x LoA	-8,276	0,037	0,280
CHR14	3179237	CHR14:3179237	SSF x LoA	-4,845	-0,042	0,298
CHR14	3179369	CHR14:3179369	SSF x LoA	-8,746	-0,018	0,287
CHR14	3200467	CHR14:3200467	SSF x LoA	-10,142	-0,012	0,284
CHR14	3200597	CHR14:3200597	SSF x LoA	-6,852	0,003	0,291
CHR14	3210207	CHR14:3210207	SSF x LoA	-8,445	-0,046	0,281
CHR14	3210244	CHR14:3210244	SSF x LoA	-10,444	-0,122	0,280
CHR14	3210359	CHR14:3210359	SSF x LoA	-10,615	-0,013	0,288
CHR14	3210382	CHR14:3210382	SSF x LoA	-9,329	-0,079	0,294
CHR14	3211926	CHR14:3211926	SSF x LoA	-8,716	0,004	0,282
CHR14	3211994	CHR14:3211994	SSF x LoA	-5,218	-0,153	0,286
CHR14	3217333	CHR14:3217333	SSF x LoA	-7,134	0,123	0,297
CHR14	3218925	CHR14:3218925	SSF x LoA	-8,000	0,135	0,300
CHR14	3218954	CHR14:3218954	SSF x LoA	-9,133	0,129	0,280
CHR14	3219030	CHR14:3219030	SSF x LoA	-10,008	0,061	0,295
CHR14	3219145	CHR14:3219145	SSF x LoA	-7,156	-0,133	0,289
CHR14	3227296	CHR14:3227296	SSF x LoA	-9,374	-0,103	0,287
CHR14	3256884	CHR14:3256884	SSF x LoA	-9,270	-0,127	0,293
CHR14	328199	CHR14:328199	SSF x LoA	-9,229	-0,103	0,288
CHR14	3285500	CHR14:3285500	SSF x LoA	-9,114	0,085	0,280
CHR14	3299184	CHR14:3299184	SSF x LoA	-8,158	0,116	0,295
CHR14	3314171	CHR14:3314171	SSF x LoA	-4,260	0,122	0,276
CHR14	3314188	CHR14:3314188	SSF x LoA	-9,133	0,059	0,271
CHR14	3314206	CHR14:3314206	SSF x LoA	-6,210	0,049	0,296
CHR14	3314242	CHR14:3314242	SSF x LoA	-5,707	-0,074	0,309
CHR14	3314299	CHR14:3314299	SSF x LoA	-9,282	-0,007	0,298
CHR14	3354262	CHR14:3354262	SSF x LoA	-10,745	0,006	0,285
CHR14	3354322	CHR14:3354322	SSF x LoA	-9,188	-0,089	0,287
CHR14	3354326	CHR14:3354326	SSF x LoA	-9,504	-0,022	0,282

CHR14	3354350	CHR14:3354350	SSF x LoA	-8,217	-0,040	0,280
CHR14	3354368	CHR14:3354368	SSF x LoA	-10,474	0,035	0,304
CHR14	3357770	CHR14:3357770	SSF x LoA	-4,763	-0,041	0,287
CHR14	3374333	CHR14:3374333	SSF x LoA	-7,311	-0,095	0,297
CHR14	3374336	CHR14:3374336	SSF x LoA	-5,302	-0,148	0,295
CHR14	3376432	CHR14:3376432	SSF x LoA	-9,951	0,000	0,288
CHR14	3376493	CHR14:3376493	SSF x LoA	-10,896	0,046	0,292
CHR14	3376495	CHR14:3376495	SSF x LoA	-8,893	-0,025	0,281
CHR14	3388872	CHR14:3388872	SSF x LoA	0,147	-0,142	0,292
CHR14	3388944	CHR14:3388944	SSF x LoA	-7,456	0,000	0,294
CHR14	3388986	CHR14:3388986	SSF x LoA	-10,473	0,016	0,282
CHR14	3389055	CHR14:3389055	SSF x LoA	-8,423	0,074	0,284
CHR14	3389111	CHR14:3389111	SSF x LoA	-9,597	0,056	0,305
CHR14	3389138	CHR14:3389138	SSF x LoA	-8,922	0,025	0,291
CHR14	3389145	CHR14:3389145	SSF x LoA	-8,961	0,080	0,307
CHR14	3389146	CHR14:3389146	SSF x LoA	-8,488	0,029	0,282
CHR14	3397043	CHR14:3397043	SSF x LoA	-6,101	-0,188	0,278
CHR14	3397083	CHR14:3397083	SSF x LoA	-3,222	-0,180	0,277
CHR14	3397584	CHR14:3397584	SSF x LoA	-6,715	0,103	0,285
CHR14	3397651	CHR14:3397651	SSF x LoA	-8,115	-0,031	0,287
CHR14	3397654	CHR14:3397654	SSF x LoA	-9,303	0,033	0,287
CHR14	3397687	CHR14:3397687	SSF x LoA	-10,189	0,069	0,287
CHR14	3406805	CHR14:3406805	SSF x LoA	-9,628	-0,122	0,290
CHR14	3406838	CHR14:3406838	SSF x LoA	-8,631	0,123	0,282
CHR14	3406968	CHR14:3406968	SSF x LoA	-6,823	-0,129	0,291
CHR14	3408818	CHR14:3408818	SSF x LoA	-5,943	0,022	0,276
CHR14	3408879	CHR14:3408879	SSF x LoA	-9,466	-0,062	0,290
CHR14	3409043	CHR14:3409043	SSF x LoA	-9,491	0,064	0,283
CHR14	3411797	CHR14:3411797	SSF x LoA	-8,816	-0,023	0,299
CHR14	3411810	CHR14:3411810	SSF x LoA	-9,968	0,093	0,296
CHR14	3411933	CHR14:3411933	SSF x LoA	-7,155	-0,090	0,286
CHR14	3415580	CHR14:3415580	SSF x LoA	-7,913	0,100	0,293
CHR14	3417478	CHR14:3417478	SSF x LoA	-9,052	0,054	0,296
CHR14	3423675	CHR14:3423675	SSF x LoA	-9,261	-0,053	0,288
CHR14	3426326	CHR14:3426326	SSF x LoA	-11,380	0,068	0,293
CHR14	3429187	CHR14:3429187	SSF x LoA	-9,816	-0,108	0,283
CHR14	3429321	CHR14:3429321	SSF x LoA	-5,726	-0,113	0,289
CHR14	3431284	CHR14:3431284	SSF x LoA	-8,705	-0,096	0,291
CHR14	3431326	CHR14:3431326	SSF x LoA	-4,963	0,192	0,286
CHR14	3431347	CHR14:3431347	SSF x LoA	-5,074	-0,141	0,288
CHR14	3433413	CHR14:3433413	SSF x LoA	-8,605	0,045	0,296
CHR14	3433432	CHR14:3433432	SSF x LoA	-4,854	0,150	0,273
CHR14	3444882	CHR14:3444882	SSF x LoA	-8,794	0,001	0,290
CHR14	3444910	CHR14:3444910	SSF x LoA	-8,109	0,015	0,298
CHR14	3444927	CHR14:3444927	SSF x LoA	-7,502	-0,111	0,298
CHR14	3453640	CHR14:3453640	SSF x LoA	-7,111	-0,036	0,288
CHR14	3456455	CHR14:3456455	SSF x LoA	-5,330	0,194	0,281
CHR14	3456533	CHR14:3456533	SSF x LoA	-5,693	-0,169	0,297
CHR14	3456585	CHR14:3456585	SSF x LoA	-5,376	0,162	0,278
CHR14	3456710	CHR14:3456710	SSF x LoA	-9,798	-0,025	0,291
CHR14	3458908	CHR14:3458908	SSF x LoA	-8,834	-0,044	0,274
CHR14	3458916	CHR14:3458916	SSF x LoA	-3,288	0,256	0,263
CHR14	3459127	CHR14:3459127	SSF x LoA	-4,023	0,156	0,296

CHR14	3474325	CHR14:3474325	SSF x LoA	-10,650	-0,020	0,281
CHR14	3474471	CHR14:3474471	SSF x LoA	-7,019	-0,206	0,278
CHR14	3511560	CHR14:3511560	SSF x LoA	-9,404	0,087	0,292
CHR14	3511581	CHR14:3511581	SSF x LoA	-6,544	0,007	0,281
CHR14	3512063	CHR14:3512063	SSF x LoA	-7,925	0,130	0,278
CHR14	3517120	CHR14:3517120	SSF x LoA	-10,956	-0,020	0,286
CHR14	3517121	CHR14:3517121	SSF x LoA	-6,009	0,041	0,281
CHR14	3517127	CHR14:3517127	SSF x LoA	-6,792	-0,022	0,292
CHR14	3517374	CHR14:3517374	SSF x LoA	-7,514	-0,076	0,305
CHR14	3535157	CHR14:3535157	SSF x LoA	-5,956	-0,023	0,298
CHR14	3535242	CHR14:3535242	SSF x LoA	-8,877	-0,016	0,280
CHR14	3543528	CHR14:3543528	SSF x LoA	-9,371	-0,138	0,282
CHR14	3543980	CHR14:3543980	SSF x LoA	-8,314	0,058	0,291
CHR14	3544048	CHR14:3544048	SSF x LoA	-8,680	0,023	0,290
CHR14	3555816	CHR14:3555816	SSF x LoA	-7,645	0,145	0,277
CHR14	3555843	CHR14:3555843	SSF x LoA	-8,963	0,025	0,288
CHR14	3592515	CHR14:3592515	SSF x LoA	-10,040	0,086	0,295
CHR14	3592581	CHR14:3592581	SSF x LoA	-8,317	0,012	0,292
CHR14	3592591	CHR14:3592591	SSF x LoA	-4,722	0,011	0,293
CHR14	3592598	CHR14:3592598	SSF x LoA	-9,543	0,051	0,293
CHR14	3603052	CHR14:3603052	SSF x LoA	-8,351	0,037	0,289
CHR14	3608223	CHR14:3608223	SSF x LoA	-10,388	-0,073	0,285
CHR14	3611711	CHR14:3611711	SSF x LoA	-10,297	-0,034	0,278
CHR14	3611764	CHR14:3611764	SSF x LoA	-8,334	0,003	0,292
CHR14	3614924	CHR14:3614924	SSF x LoA	-8,686	-0,041	0,299
CHR14	3621587	CHR14:3621587	SSF x LoA	-9,871	-0,019	0,274
CHR14	3621621	CHR14:3621621	SSF x LoA	-11,176	-0,070	0,284
CHR14	3621770	CHR14:3621770	SSF x LoA	-10,918	0,007	0,304
CHR14	3621805	CHR14:3621805	SSF x LoA	-7,679	-0,135	0,277
CHR14	3631455	CHR14:3631455	SSF x LoA	-1,783	0,235	0,275
CHR14	3646458	CHR14:3646458	SSF x LoA	-8,021	0,131	0,287
CHR14	3646563	CHR14:3646563	SSF x LoA	-8,518	0,063	0,301
CHR14	3654084	CHR14:3654084	SSF x LoA	-8,089	-0,040	0,290
CHR14	3654284	CHR14:3654284	SSF x LoA	-8,556	0,046	0,287
CHR14	3654288	CHR14:3654288	SSF x LoA	-8,397	0,029	0,294
CHR14	3654346	CHR14:3654346	SSF x LoA	-9,433	0,030	0,277
CHR14	3661604	CHR14:3661604	SSF x LoA	-6,115	-0,038	0,282
CHR14	3661641	CHR14:3661641	SSF x LoA	-5,694	-0,120	0,293
CHR14	3661665	CHR14:3661665	SSF x LoA	-6,458	-0,144	0,279
CHR14	3661742	CHR14:3661742	SSF x LoA	-7,641	0,089	0,302
CHR14	3661766	CHR14:3661766	SSF x LoA	-8,582	-0,120	0,281
CHR14	3663398	CHR14:3663398	SSF x LoA	-7,224	-0,187	0,297
CHR14	3663455	CHR14:3663455	SSF x LoA	-7,879	-0,082	0,296
CHR14	3663568	CHR14:3663568	SSF x LoA	-7,659	0,011	0,286
CHR14	3663573	CHR14:3663573	SSF x LoA	-10,749	-0,047	0,290
CHR14	3663582	CHR14:3663582	SSF x LoA	-10,805	0,007	0,277
CHR14	3673672	CHR14:3673672	SSF x LoA	-9,448	0,083	0,298
CHR14	3674191	CHR14:3674191	SSF x LoA	-11,018	0,041	0,282
CHR14	3674296	CHR14:3674296	SSF x LoA	-6,539	0,197	0,265
CHR14	3674355	CHR14:3674355	SSF x LoA	-8,627	0,010	0,282
CHR14	3676970	CHR14:3676970	SSF x LoA	-10,605	-0,104	0,285
CHR14	3677063	CHR14:3677063	SSF x LoA	-8,608	-0,086	0,283
CHR14	3677865	CHR14:3677865	SSF x LoA	-9,170	0,052	0,300

CHR14	3677905	CHR14:3677905	SSF x LoA	-8,530	0,091	0,283
CHR14	368520	CHR14:368520	SSF x LoA	-8,618	-0,053	0,299
CHR14	3685658	CHR14:3685658	SSF x LoA	-10,544	0,044	0,292
CHR14	3685924	CHR14:3685924	SSF x LoA	-9,438	-0,095	0,270
CHR14	3685931	CHR14:3685931	SSF x LoA	-8,587	-0,029	0,300
CHR14	3686028	CHR14:3686028	SSF x LoA	-7,220	0,004	0,291
CHR14	368725	CHR14:368725	SSF x LoA	-7,214	-0,073	0,287
CHR14	368793	CHR14:368793	SSF x LoA	-9,713	0,039	0,284
CHR14	3689425	CHR14:3689425	SSF x LoA	-7,095	0,054	0,272
CHR14	3689483	CHR14:3689483	SSF x LoA	-8,106	-0,095	0,295
CHR14	3699506	CHR14:3699506	SSF x LoA	-8,902	-0,057	0,290
CHR14	3699529	CHR14:3699529	SSF x LoA	-10,952	-0,067	0,281
CHR14	3706479	CHR14:3706479	SSF x LoA	-6,750	-0,193	0,268
CHR14	3706497	CHR14:3706497	SSF x LoA	-9,708	0,020	0,294
CHR14	3706515	CHR14:3706515	SSF x LoA	-8,829	0,018	0,283
CHR14	3707795	CHR14:3707795	SSF x LoA	-10,142	0,016	0,291
CHR14	3707806	CHR14:3707806	SSF x LoA	-8,509	0,055	0,309
CHR14	3707828	CHR14:3707828	SSF x LoA	-9,453	-0,065	0,299
CHR14	3707859	CHR14:3707859	SSF x LoA	-7,986	0,042	0,291
CHR14	3707873	CHR14:3707873	SSF x LoA	-8,528	0,088	0,294
CHR14	3707954	CHR14:3707954	SSF x LoA	-8,066	0,056	0,286
CHR14	3717453	CHR14:3717453	SSF x LoA	-8,652	-0,188	0,277
CHR14	3720276	CHR14:3720276	SSF x LoA	-8,571	-0,121	0,273
CHR14	3722380	CHR14:3722380	SSF x LoA	-7,205	-0,001	0,289
CHR14	3722442	CHR14:3722442	SSF x LoA	-9,115	0,018	0,301
CHR14	3722452	CHR14:3722452	SSF x LoA	-7,946	0,055	0,290
CHR14	3723421	CHR14:3723421	SSF x LoA	-12,047	0,051	0,287
CHR14	3723461	CHR14:3723461	SSF x LoA	-11,067	0,016	0,284
CHR14	3723492	CHR14:3723492	SSF x LoA	-12,239	0,026	0,284
CHR14	3743845	CHR14:3743845	SSF x LoA	-8,856	-0,025	0,292
CHR14	3743942	CHR14:3743942	SSF x LoA	-10,243	0,048	0,286
CHR14	3765601	CHR14:3765601	SSF x LoA	-11,224	-0,010	0,283
CHR14	3765739	CHR14:3765739	SSF x LoA	-9,041	0,030	0,298
CHR14	3765754	CHR14:3765754	SSF x LoA	-5,380	-0,067	0,287
CHR14	3765813	CHR14:3765813	SSF x LoA	-9,628	-0,052	0,283
CHR14	3791684	CHR14:3791684	SSF x LoA	-9,464	0,039	0,279
CHR14	3791813	CHR14:3791813	SSF x LoA	-9,415	0,008	0,286
CHR14	3796929	CHR14:3796929	SSF x LoA	-4,396	0,214	0,269
CHR14	3831298	CHR14:3831298	SSF x LoA	-8,521	-0,021	0,279
CHR14	3869486	CHR14:3869486	SSF x LoA	-9,574	-0,056	0,289
CHR14	3869547	CHR14:3869547	SSF x LoA	-7,096	-0,135	0,297
CHR14	3869586	CHR14:3869586	SSF x LoA	-3,558	0,054	0,285
CHR14	3904770	CHR14:3904770	SSF x LoA	-7,602	0,079	0,279
CHR14	390495	CHR14:390495	SSF x LoA	-8,303	0,023	0,294
CHR14	392016	CHR14:392016	SSF x LoA	-11,422	0,016	0,296
CHR14	392064	CHR14:392064	SSF x LoA	-9,223	-0,008	0,299
CHR14	3921670	CHR14:3921670	SSF x LoA	-9,478	-0,149	0,282
CHR14	3934103	CHR14:3934103	SSF x LoA	-11,049	0,000	0,276
CHR14	3934137	CHR14:3934137	SSF x LoA	-4,085	0,253	0,274
CHR14	3934157	CHR14:3934157	SSF x LoA	-6,883	-0,142	0,279
CHR14	3934160	CHR14:3934160	SSF x LoA	-9,091	0,016	0,283
CHR14	3934187	CHR14:3934187	SSF x LoA	-7,842	0,010	0,304
CHR14	3934225	CHR14:3934225	SSF x LoA	-7,637	-0,137	0,295

CHR14	3934268	CHR14:3934268	SSF x LoA	-10,006	0,044	0,283
CHR14	3952139	CHR14:3952139	SSF x LoA	-6,195	-0,110	0,287
CHR14	3955634	CHR14:3955634	SSF x LoA	-7,548	0,077	0,297
CHR14	3955770	CHR14:3955770	SSF x LoA	-8,232	-0,072	0,296
CHR14	3955835	CHR14:3955835	SSF x LoA	-5,805	-0,206	0,275
CHR14	3966705	CHR14:3966705	SSF x LoA	-9,342	0,047	0,294
CHR14	3973659	CHR14:3973659	SSF x LoA	-8,630	-0,030	0,287
CHR14	3974024	CHR14:3974024	SSF x LoA	-6,210	-0,237	0,280
CHR14	3975303	CHR14:3975303	SSF x LoA	-7,289	-0,060	0,278
CHR14	3975310	CHR14:3975310	SSF x LoA	-7,569	-0,098	0,267
CHR14	398772	CHR14:398772	SSF x LoA	-10,112	0,077	0,291
CHR14	3997080	CHR14:3997080	SSF x LoA	-4,676	0,095	0,289
CHR14	3999207	CHR14:3999207	SSF x LoA	-9,411	-0,006	0,295
CHR14	4010303	CHR14:4010303	SSF x LoA	-7,920	-0,131	0,289
CHR14	4013693	CHR14:4013693	SSF x LoA	-8,017	-0,097	0,292
CHR14	4028465	CHR14:4028465	SSF x LoA	-11,173	-0,037	0,296
CHR14	4029052	CHR14:4029052	SSF x LoA	-9,057	-0,062	0,291
CHR14	4032113	CHR14:4032113	SSF x LoA	-8,662	-0,097	0,297
CHR14	4032146	CHR14:4032146	SSF x LoA	-10,638	-0,029	0,306
CHR14	4032163	CHR14:4032163	SSF x LoA	-7,350	-0,097	0,291
CHR14	4032213	CHR14:4032213	SSF x LoA	-8,619	0,024	0,296
CHR14	4032239	CHR14:4032239	SSF x LoA	-8,788	0,022	0,295
CHR14	4032245	CHR14:4032245	SSF x LoA	-8,603	0,045	0,298
CHR14	4032250	CHR14:4032250	SSF x LoA	-10,287	-0,071	0,279
CHR14	4040371	CHR14:4040371	SSF x LoA	-8,423	0,050	0,285
CHR14	4040377	CHR14:4040377	SSF x LoA	-3,198	0,250	0,275
CHR14	4054010	CHR14:4054010	SSF x LoA	-9,383	0,108	0,291
CHR14	4054155	CHR14:4054155	SSF x LoA	-8,932	-0,060	0,285
CHR14	4054236	CHR14:4054236	SSF x LoA	-8,370	-0,048	0,299
CHR14	4057371	CHR14:4057371	SSF x LoA	-9,531	0,078	0,297
CHR14	4057434	CHR14:4057434	SSF x LoA	-6,193	-0,035	0,284
CHR14	4057515	CHR14:4057515	SSF x LoA	-8,838	0,027	0,295
CHR14	4057562	CHR14:4057562	SSF x LoA	-10,192	0,116	0,283
CHR14	4057583	CHR14:4057583	SSF x LoA	-8,954	-0,016	0,302
CHR14	4062196	CHR14:4062196	SSF x LoA	-3,039	-0,135	0,288
CHR14	4065890	CHR14:4065890	SSF x LoA	-7,645	0,075	0,291
CHR14	4065974	CHR14:4065974	SSF x LoA	-9,010	0,028	0,303
CHR14	4086955	CHR14:4086955	SSF x LoA	-9,324	0,036	0,293
CHR14	4086995	CHR14:4086995	SSF x LoA	-7,727	0,062	0,297
CHR14	4087007	CHR14:4087007	SSF x LoA	-8,576	-0,017	0,294
CHR14	4087045	CHR14:4087045	SSF x LoA	-9,054	-0,035	0,280
CHR14	4087706	CHR14:4087706	SSF x LoA	-10,204	-0,064	0,283
CHR14	4090218	CHR14:4090218	SSF x LoA	-6,195	0,151	0,282
CHR14	4090239	CHR14:4090239	SSF x LoA	-8,430	0,065	0,290
CHR14	4090273	CHR14:4090273	SSF x LoA	-11,438	0,019	0,288
CHR14	4090321	CHR14:4090321	SSF x LoA	-6,399	-0,030	0,302
CHR14	4090362	CHR14:4090362	SSF x LoA	-6,222	0,191	0,278
CHR14	4090368	CHR14:4090368	SSF x LoA	-3,386	0,129	0,283
CHR14	4092468	CHR14:4092468	SSF x LoA	-10,095	-0,037	0,284
CHR14	4092510	CHR14:4092510	SSF x LoA	-7,413	0,063	0,296
CHR14	4093607	CHR14:4093607	SSF x LoA	-4,068	-0,138	0,285
CHR14	4093644	CHR14:4093644	SSF x LoA	-7,263	-0,053	0,297
CHR14	4098329	CHR14:4098329	SSF x LoA	-8,870	0,120	0,275

CHR14	4098359	CHR14:4098359	SSF x LoA	-8,598	0,091	0,284
CHR14	4118281	CHR14:4118281	SSF x LoA	-11,212	0,093	0,279
CHR14	4118300	CHR14:4118300	SSF x LoA	-8,360	0,018	0,293
CHR14	4119221	CHR14:4119221	SSF x LoA	-7,402	-0,026	0,285
CHR14	4119222	CHR14:4119222	SSF x LoA	-8,124	-0,015	0,284
CHR14	4119238	CHR14:4119238	SSF x LoA	-7,495	-0,054	0,289
CHR14	4119298	CHR14:4119298	SSF x LoA	-6,819	-0,018	0,289
CHR14	4128782	CHR14:4128782	SSF x LoA	-10,323	-0,079	0,291
CHR14	4129016	CHR14:4129016	SSF x LoA	-7,659	-0,096	0,299
CHR14	4129052	CHR14:4129052	SSF x LoA	-7,228	0,059	0,302
CHR14	4129062	CHR14:4129062	SSF x LoA	-7,094	0,157	0,276
CHR14	4129069	CHR14:4129069	SSF x LoA	-2,799	0,150	0,279
CHR14	4129070	CHR14:4129070	SSF x LoA	-6,732	0,164	0,275
CHR14	4129073	CHR14:4129073	SSF x LoA	-5,400	0,163	0,289
CHR14	4151398	CHR14:4151398	SSF x LoA	-5,936	-0,096	0,289
CHR14	4151495	CHR14:4151495	SSF x LoA	-7,559	0,091	0,281
CHR14	4151588	CHR14:4151588	SSF x LoA	-7,035	0,077	0,301
CHR14	4160131	CHR14:4160131	SSF x LoA	-10,453	0,053	0,283
CHR14	4160344	CHR14:4160344	SSF x LoA	-9,279	-0,079	0,292
CHR14	4160373	CHR14:4160373	SSF x LoA	-6,992	-0,153	0,281
CHR14	4160402	CHR14:4160402	SSF x LoA	-8,899	-0,079	0,276
CHR14	4160408	CHR14:4160408	SSF x LoA	-6,369	0,038	0,299
CHR14	4160418	CHR14:4160418	SSF x LoA	-7,330	-0,003	0,306
CHR14	4171914	CHR14:4171914	SSF x LoA	-9,475	0,042	0,284
CHR14	4171924	CHR14:4171924	SSF x LoA	-9,484	-0,034	0,292
CHR14	4196901	CHR14:4196901	SSF x LoA	-8,422	-0,093	0,299
CHR14	4196903	CHR14:4196903	SSF x LoA	-8,876	0,038	0,307
CHR14	4196917	CHR14:4196917	SSF x LoA	-7,766	-0,125	0,288
CHR14	4196927	CHR14:4196927	SSF x LoA	-7,329	-0,075	0,299
CHR14	4196978	CHR14:4196978	SSF x LoA	-11,198	0,029	0,299
CHR14	4196989	CHR14:4196989	SSF x LoA	-9,725	-0,020	0,291
CHR14	4197022	CHR14:4197022	SSF x LoA	-7,693	0,093	0,288
CHR14	4197049	CHR14:4197049	SSF x LoA	-7,997	-0,078	0,291
CHR14	4214549	CHR14:4214549	SSF x LoA	-7,311	0,092	0,282
CHR14	4214699	CHR14:4214699	SSF x LoA	-6,376	0,041	0,301
CHR14	4214792	CHR14:4214792	SSF x LoA	-9,414	0,062	0,285
CHR14	4216717	CHR14:4216717	SSF x LoA	-9,601	0,053	0,298
CHR14	4216730	CHR14:4216730	SSF x LoA	-8,426	-0,002	0,288
CHR14	4216749	CHR14:4216749	SSF x LoA	-9,903	0,053	0,298
CHR14	4216757	CHR14:4216757	SSF x LoA	-9,135	0,096	0,289
CHR14	4216767	CHR14:4216767	SSF x LoA	-9,680	0,060	0,291
CHR14	4216769	CHR14:4216769	SSF x LoA	-10,602	0,055	0,297
CHR14	4222436	CHR14:4222436	SSF x LoA	-10,483	-0,041	0,288
CHR14	4222458	CHR14:4222458	SSF x LoA	-8,748	0,003	0,284
CHR14	4222507	CHR14:4222507	SSF x LoA	-8,456	0,060	0,283
CHR14	4222522	CHR14:4222522	SSF x LoA	-7,554	0,009	0,302
CHR14	4227916	CHR14:4227916	SSF x LoA	-10,468	0,056	0,299
CHR14	4228073	CHR14:4228073	SSF x LoA	-7,385	0,066	0,290
CHR14	4228158	CHR14:4228158	SSF x LoA	-5,715	-0,114	0,273
CHR14	4244855	CHR14:4244855	SSF x LoA	-7,081	-0,077	0,295
CHR14	4259151	CHR14:4259151	SSF x LoA	-5,103	0,109	0,270
CHR14	4300735	CHR14:4300735	SSF x LoA	-8,825	0,070	0,291
CHR14	4323780	CHR14:4323780	SSF x LoA	-8,352	0,049	0,280

CHR14	4323847	CHR14:4323847	SSF x LoA	-9,408	0,091	0,291
CHR14	4332480	CHR14:4332480	SSF x LoA	-9,425	-0,095	0,293
CHR14	4332491	CHR14:4332491	SSF x LoA	-7,990	-0,178	0,286
CHR14	4332642	CHR14:4332642	SSF x LoA	-9,636	0,082	0,297
CHR14	4332860	CHR14:4332860	SSF x LoA	-9,845	-0,089	0,284
CHR14	4361906	CHR14:4361906	SSF x LoA	-8,535	-0,010	0,276
CHR14	4361913	CHR14:4361913	SSF x LoA	-5,437	0,025	0,291
CHR14	4361931	CHR14:4361931	SSF x LoA	-8,440	-0,020	0,282
CHR14	4380471	CHR14:4380471	SSF x LoA	-8,336	-0,059	0,291
CHR14	4387587	CHR14:4387587	SSF x LoA	-9,616	-0,106	0,281
CHR14	4414496	CHR14:4414496	SSF x LoA	-6,158	-0,135	0,279
CHR14	4414610	CHR14:4414610	SSF x LoA	-9,425	0,050	0,304
CHR14	4440657	CHR14:4440657	SSF x LoA	-7,259	-0,090	0,286
CHR14	4440658	CHR14:4440658	SSF x LoA	-8,701	-0,087	0,290
CHR14	4440696	CHR14:4440696	SSF x LoA	-8,354	-0,073	0,274
CHR14	4440754	CHR14:4440754	SSF x LoA	-6,783	-0,080	0,285
CHR14	4446958	CHR14:4446958	SSF x LoA	-9,335	-0,110	0,288
CHR14	4452656	CHR14:4452656	SSF x LoA	-7,645	0,082	0,294
CHR14	4452797	CHR14:4452797	SSF x LoA	-7,396	0,084	0,305
CHR14	4452900	CHR14:4452900	SSF x LoA	-5,513	0,010	0,291
CHR14	4463338	CHR14:4463338	SSF x LoA	-8,728	-0,055	0,305
CHR14	4464580	CHR14:4464580	SSF x LoA	-5,844	0,007	0,283
CHR14	4464593	CHR14:4464593	SSF x LoA	-9,235	0,006	0,295
CHR14	4467219	CHR14:4467219	SSF x LoA	-6,221	-0,197	0,296
CHR14	4467314	CHR14:4467314	SSF x LoA	-6,662	-0,159	0,280
CHR14	4467364	CHR14:4467364	SSF x LoA	1,243	-0,125	0,281
CHR14	4481268	CHR14:4481268	SSF x LoA	-8,292	0,108	0,276
CHR14	4482755	CHR14:4482755	SSF x LoA	-10,544	0,057	0,285
CHR14	4488659	CHR14:4488659	SSF x LoA	-8,940	0,024	0,289
CHR14	4488886	CHR14:4488886	SSF x LoA	-9,061	0,084	0,286
CHR14	4488942	CHR14:4488942	SSF x LoA	-10,128	-0,051	0,292
CHR14	4495391	CHR14:4495391	SSF x LoA	-7,785	0,121	0,293
CHR14	4495490	CHR14:4495490	SSF x LoA	-6,907	0,178	0,293
CHR14	4507294	CHR14:4507294	SSF x LoA	-9,286	-0,026	0,290
CHR14	4507353	CHR14:4507353	SSF x LoA	-8,754	-0,051	0,282
CHR14	4523322	CHR14:4523322	SSF x LoA	-10,469	-0,086	0,288
CHR14	4524597	CHR14:4524597	SSF x LoA	-10,205	0,014	0,284
CHR14	4540969	CHR14:4540969	SSF x LoA	4,406	0,093	0,288
CHR14	4543358	CHR14:4543358	SSF x LoA	-9,741	0,014	0,305
CHR14	4543494	CHR14:4543494	SSF x LoA	-7,736	-0,152	0,281
CHR14	4569789	CHR14:4569789	SSF x LoA	-8,455	0,019	0,283
CHR14	4571756	CHR14:4571756	SSF x LoA	-9,958	-0,026	0,292
CHR14	4571781	CHR14:4571781	SSF x LoA	-8,589	0,085	0,295
CHR14	4571823	CHR14:4571823	SSF x LoA	-8,668	-0,061	0,289
CHR14	4571824	CHR14:4571824	SSF x LoA	-7,966	0,073	0,284
CHR14	4571905	CHR14:4571905	SSF x LoA	-9,853	0,064	0,291
CHR14	4595885	CHR14:4595885	SSF x LoA	-7,667	0,035	0,299
CHR14	4595913	CHR14:4595913	SSF x LoA	-11,015	-0,039	0,296
CHR14	4596093	CHR14:4596093	SSF x LoA	-10,643	-0,016	0,300
CHR14	4596113	CHR14:4596113	SSF x LoA	-6,897	-0,103	0,277
CHR14	4596157	CHR14:4596157	SSF x LoA	-10,471	0,041	0,301
CHR14	461064	CHR14:461064	SSF x LoA	-9,623	0,052	0,286
CHR14	4625095	CHR14:4625095	SSF x LoA	-8,666	0,153	0,284

CHR14	4625305	CHR14:4625305	SSF x LoA	-11,071	0,018	0,296
CHR14	4635006	CHR14:4635006	SSF x LoA	-6,334	0,146	0,290
CHR14	4635171	CHR14:4635171	SSF x LoA	-11,209	0,007	0,284
CHR14	4635172	CHR14:4635172	SSF x LoA	-11,079	0,021	0,279
CHR14	4635230	CHR14:4635230	SSF x LoA	-8,256	-0,032	0,299
CHR14	4635294	CHR14:4635294	SSF x LoA	-10,428	-0,015	0,293
CHR14	4635406	CHR14:4635406	SSF x LoA	-4,032	-0,096	0,281
CHR14	4644443	CHR14:4644443	SSF x LoA	-8,597	0,094	0,301
CHR14	4645581	CHR14:4645581	SSF x LoA	-10,389	0,009	0,291
CHR14	4656204	CHR14:4656204	SSF x LoA	-8,374	0,178	0,277
CHR14	4656209	CHR14:4656209	SSF x LoA	-10,602	0,047	0,290
CHR14	4656272	CHR14:4656272	SSF x LoA	-6,764	-0,129	0,293
CHR14	4656362	CHR14:4656362	SSF x LoA	-7,637	0,081	0,296
CHR14	4656365	CHR14:4656365	SSF x LoA	-10,631	-0,102	0,298
CHR14	4672644	CHR14:4672644	SSF x LoA	-10,439	-0,023	0,302
CHR14	4672684	CHR14:4672684	SSF x LoA	-11,156	0,012	0,274
CHR14	4673921	CHR14:4673921	SSF x LoA	-9,556	-0,012	0,291
CHR14	4674805	CHR14:4674805	SSF x LoA	-2,270	0,045	0,288
CHR14	4674868	CHR14:4674868	SSF x LoA	-9,304	0,132	0,287
CHR14	4674904	CHR14:4674904	SSF x LoA	-9,119	-0,097	0,298
CHR14	4707096	CHR14:4707096	SSF x LoA	5,604	-0,017	0,303
CHR14	4708614	CHR14:4708614	SSF x LoA	-11,632	0,031	0,291
CHR14	4708739	CHR14:4708739	SSF x LoA	-7,648	0,027	0,290
CHR14	4708776	CHR14:4708776	SSF x LoA	-4,915	0,065	0,300
CHR14	4726411	CHR14:4726411	SSF x LoA	-8,521	-0,048	0,276
CHR14	4726460	CHR14:4726460	SSF x LoA	-9,730	0,051	0,285
CHR14	4726473	CHR14:4726473	SSF x LoA	-9,319	-0,099	0,291
CHR14	4726533	CHR14:4726533	SSF x LoA	-11,359	-0,015	0,289
CHR14	4726573	CHR14:4726573	SSF x LoA	-10,886	-0,037	0,283
CHR14	4726600	CHR14:4726600	SSF x LoA	-7,950	0,090	0,290
CHR14	4726620	CHR14:4726620	SSF x LoA	-10,949	0,012	0,298
CHR14	4726652	CHR14:4726652	SSF x LoA	-8,405	-0,041	0,292
CHR14	4726685	CHR14:4726685	SSF x LoA	-8,770	0,058	0,283
CHR14	4726738	CHR14:4726738	SSF x LoA	-10,099	0,068	0,288
CHR14	4740724	CHR14:4740724	SSF x LoA	-9,958	0,048	0,287
CHR14	4755019	CHR14:4755019	SSF x LoA	-8,222	0,073	0,301
CHR14	4755111	CHR14:4755111	SSF x LoA	-5,608	0,155	0,272
CHR14	4755112	CHR14:4755112	SSF x LoA	-10,021	-0,064	0,291
CHR14	4755121	CHR14:4755121	SSF x LoA	-8,712	-0,113	0,281
CHR14	4755141	CHR14:4755141	SSF x LoA	-8,988	0,087	0,284
CHR14	4755495	CHR14:4755495	SSF x LoA	-8,207	-0,013	0,299
CHR14	4755533	CHR14:4755533	SSF x LoA	-10,859	0,037	0,295
CHR14	475554	CHR14:475554	SSF x LoA	-9,271	0,029	0,299
CHR14	4755543	CHR14:4755543	SSF x LoA	-8,478	0,043	0,288
CHR14	4759055	CHR14:4759055	SSF x LoA	-9,041	-0,054	0,284
CHR14	4759129	CHR14:4759129	SSF x LoA	-8,217	0,007	0,279
CHR14	4785585	CHR14:4785585	SSF x LoA	-10,532	0,015	0,299
CHR14	4790766	CHR14:4790766	SSF x LoA	-8,413	-0,041	0,296
CHR14	4801419	CHR14:4801419	SSF x LoA	-6,901	-0,008	0,278
CHR14	4801511	CHR14:4801511	SSF x LoA	-5,928	-0,061	0,302
CHR14	4801518	CHR14:4801518	SSF x LoA	-10,220	0,005	0,290
CHR14	4801548	CHR14:4801548	SSF x LoA	-10,681	0,008	0,280
CHR14	4815308	CHR14:4815308	SSF x LoA	-10,270	-0,020	0,282

CHR14	4815410	CHR14:4815410	SSF x LoA	-7,890	0,030	0,277
CHR14	4815439	CHR14:4815439	SSF x LoA	-9,411	0,033	0,294
CHR14	4815502	CHR14:4815502	SSF x LoA	-6,366	-0,108	0,273
CHR14	4830527	CHR14:4830527	SSF x LoA	-10,039	-0,038	0,285
CHR14	4830628	CHR14:4830628	SSF x LoA	-6,562	-0,154	0,285
CHR14	4830661	CHR14:4830661	SSF x LoA	-9,085	-0,005	0,298
CHR14	4830671	CHR14:4830671	SSF x LoA	-8,498	0,095	0,278
CHR14	4830767	CHR14:4830767	SSF x LoA	-8,911	-0,025	0,301
CHR14	4830771	CHR14:4830771	SSF x LoA	-7,265	0,115	0,287
CHR14	4832234	CHR14:4832234	SSF x LoA	-10,386	0,076	0,293
CHR14	4844309	CHR14:4844309	SSF x LoA	-10,289	0,019	0,289
CHR14	4844313	CHR14:4844313	SSF x LoA	-9,276	-0,020	0,275
CHR14	4844323	CHR14:4844323	SSF x LoA	-9,737	0,076	0,282
CHR14	4844351	CHR14:4844351	SSF x LoA	-7,745	0,034	0,290
CHR14	4844399	CHR14:4844399	SSF x LoA	-9,015	0,133	0,290
CHR14	4849522	CHR14:4849522	SSF x LoA	-8,198	-0,020	0,303
CHR14	4849551	CHR14:4849551	SSF x LoA	-10,770	0,029	0,280
CHR14	4849607	CHR14:4849607	SSF x LoA	-10,597	0,022	0,302
CHR14	4849610	CHR14:4849610	SSF x LoA	-7,042	0,069	0,291
CHR14	4864832	CHR14:4864832	SSF x LoA	-2,904	-0,056	0,298
CHR14	4864869	CHR14:4864869	SSF x LoA	-8,071	-0,026	0,284
CHR14	4864870	CHR14:4864870	SSF x LoA	-11,681	-0,077	0,275
CHR14	4865254	CHR14:4865254	SSF x LoA	-7,955	-0,140	0,291
CHR14	487145	CHR14:487145	SSF x LoA	-8,402	-0,020	0,306
CHR14	4875420	CHR14:4875420	SSF x LoA	-8,752	0,038	0,296
CHR14	4875445	CHR14:4875445	SSF x LoA	-10,310	0,065	0,297
CHR14	4875447	CHR14:4875447	SSF x LoA	-9,455	0,047	0,302
CHR14	4875499	CHR14:4875499	SSF x LoA	-9,351	0,076	0,284
CHR14	4875521	CHR14:4875521	SSF x LoA	-8,437	0,088	0,299
CHR14	4875567	CHR14:4875567	SSF x LoA	-3,962	-0,134	0,279
CHR14	4875617	CHR14:4875617	SSF x LoA	-9,116	0,158	0,281
CHR14	4875638	CHR14:4875638	SSF x LoA	-10,179	-0,107	0,284
CHR14	4875641	CHR14:4875641	SSF x LoA	-11,150	0,087	0,283
CHR14	4883723	CHR14:4883723	SSF x LoA	-9,793	0,042	0,300
CHR14	4883870	CHR14:4883870	SSF x LoA	-9,369	0,062	0,299
CHR14	4883966	CHR14:4883966	SSF x LoA	-8,321	-0,033	0,289
CHR14	4883981	CHR14:4883981	SSF x LoA	-10,632	0,053	0,306
CHR14	4888359	CHR14:4888359	SSF x LoA	-6,146	0,171	0,274
CHR14	4888373	CHR14:4888373	SSF x LoA	-6,185	0,173	0,291
CHR14	4888380	CHR14:4888380	SSF x LoA	-9,581	0,103	0,305
CHR14	4888509	CHR14:4888509	SSF x LoA	-10,668	0,020	0,300
CHR14	4888564	CHR14:4888564	SSF x LoA	-7,764	0,097	0,297
CHR14	490506	CHR14:490506	SSF x LoA	-7,646	-0,176	0,271
CHR14	490577	CHR14:490577	SSF x LoA	-4,496	-0,145	0,278
CHR14	490666	CHR14:490666	SSF x LoA	-6,160	-0,139	0,287
CHR14	490667	CHR14:490667	SSF x LoA	-10,321	-0,095	0,288
CHR14	490671	CHR14:490671	SSF x LoA	-0,244	-0,156	0,288
CHR14	490735	CHR14:490735	SSF x LoA	-8,476	-0,119	0,289
CHR14	490767	CHR14:490767	SSF x LoA	-5,968	-0,131	0,286
CHR14	490818	CHR14:490818	SSF x LoA	-6,499	-0,128	0,293
CHR14	490861	CHR14:490861	SSF x LoA	-7,919	-0,120	0,280
CHR14	4950621	CHR14:4950621	SSF x LoA	-8,831	-0,080	0,288
CHR14	4950780	CHR14:4950780	SSF x LoA	-10,460	0,092	0,293

CHR14	4950796	CHR14:4950796	SSF x LoA	-9,050	-0,006	0,286
CHR14	4953134	CHR14:4953134	SSF x LoA	-8,422	0,134	0,288
CHR14	4953188	CHR14:4953188	SSF x LoA	-2,359	-0,127	0,280
CHR14	4953192	CHR14:4953192	SSF x LoA	-8,546	-0,147	0,271
CHR14	4953208	CHR14:4953208	SSF x LoA	-9,544	0,097	0,287
CHR14	4956809	CHR14:4956809	SSF x LoA	-9,365	0,098	0,285
CHR14	4956821	CHR14:4956821	SSF x LoA	-7,882	-0,040	0,292
CHR14	4957958	CHR14:4957958	SSF x LoA	-9,207	0,036	0,279
CHR14	4969754	CHR14:4969754	SSF x LoA	-7,470	0,104	0,264
CHR14	4969760	CHR14:4969760	SSF x LoA	-10,537	0,002	0,275
CHR14	4969829	CHR14:4969829	SSF x LoA	-7,625	-0,099	0,304
CHR14	4969833	CHR14:4969833	SSF x LoA	-8,874	-0,072	0,292
CHR14	4971946	CHR14:4971946	SSF x LoA	-7,625	-0,031	0,293
CHR14	5000070	CHR14:5000070	SSF x LoA	-8,658	-0,024	0,279
CHR14	5000152	CHR14:5000152	SSF x LoA	-3,962	0,089	0,306
CHR14	5000169	CHR14:5000169	SSF x LoA	-8,237	0,038	0,284
CHR14	5000249	CHR14:5000249	SSF x LoA	-10,962	-0,048	0,303
CHR14	5000273	CHR14:5000273	SSF x LoA	-10,355	-0,061	0,290
CHR14	5000279	CHR14:5000279	SSF x LoA	-8,321	-0,071	0,275
CHR14	5004371	CHR14:5004371	SSF x LoA	-10,136	-0,063	0,284
CHR14	5004372	CHR14:5004372	SSF x LoA	-6,993	0,053	0,289
CHR14	5004476	CHR14:5004476	SSF x LoA	-8,370	0,031	0,292
CHR14	5004477	CHR14:5004477	SSF x LoA	-8,748	0,024	0,290
CHR14	5004539	CHR14:5004539	SSF x LoA	-9,140	0,077	0,296
CHR14	5004552	CHR14:5004552	SSF x LoA	-7,781	0,112	0,294
CHR14	5004572	CHR14:5004572	SSF x LoA	-10,748	0,007	0,287
CHR14	5028989	CHR14:5028989	SSF x LoA	-7,773	0,154	0,286
CHR14	5029011	CHR14:5029011	SSF x LoA	-4,805	-0,180	0,288
CHR14	5030411	CHR14:5030411	SSF x LoA	-10,200	0,109	0,279
CHR14	503157	CHR14:503157	SSF x LoA	-7,174	-0,022	0,303
CHR14	5033324	CHR14:5033324	SSF x LoA	-8,455	-0,126	0,276
CHR14	5033408	CHR14:5033408	SSF x LoA	-8,641	0,087	0,282
CHR14	5033576	CHR14:5033576	SSF x LoA	-7,672	-0,040	0,284
CHR14	5033589	CHR14:5033589	SSF x LoA	-7,472	-0,214	0,275
CHR14	5033599	CHR14:5033599	SSF x LoA	-8,912	-0,037	0,295
CHR14	5035248	CHR14:5035248	SSF x LoA	-11,386	0,033	0,293
CHR14	5035407	CHR14:5035407	SSF x LoA	-8,556	0,172	0,282
CHR14	5035428	CHR14:5035428	SSF x LoA	-8,768	0,178	0,277
CHR14	5044070	CHR14:5044070	SSF x LoA	-7,646	0,045	0,293
CHR14	5044150	CHR14:5044150	SSF x LoA	-8,147	0,019	0,300
CHR14	5044203	CHR14:5044203	SSF x LoA	-5,617	0,126	0,286
CHR14	5044225	CHR14:5044225	SSF x LoA	-8,421	0,033	0,292
CHR14	5044249	CHR14:5044249	SSF x LoA	-8,089	0,032	0,285
CHR14	5044254	CHR14:5044254	SSF x LoA	-9,853	0,013	0,305
CHR14	5051369	CHR14:5051369	SSF x LoA	-8,166	0,059	0,283
CHR14	5063694	CHR14:5063694	SSF x LoA	-10,116	-0,116	0,295
CHR14	5063702	CHR14:5063702	SSF x LoA	-10,240	0,088	0,280
CHR14	5063708	CHR14:5063708	SSF x LoA	-9,310	0,011	0,289
CHR14	5063810	CHR14:5063810	SSF x LoA	-9,512	0,034	0,288
CHR14	5063822	CHR14:5063822	SSF x LoA	-7,944	0,014	0,280
CHR14	5064149	CHR14:5064149	SSF x LoA	-6,626	0,128	0,294
CHR14	5076456	CHR14:5076456	SSF x LoA	-4,644	-0,144	0,286
CHR14	5076635	CHR14:5076635	SSF x LoA	-9,228	-0,080	0,272

CHR14	5076735	CHR14:5076735	SSF x LoA	-8,680	-0,099	0,287
CHR14	5079154	CHR14:5079154	SSF x LoA	-0,407	-0,233	0,266
CHR14	5079168	CHR14:5079168	SSF x LoA	-3,734	-0,214	0,272
CHR14	5079253	CHR14:5079253	SSF x LoA	-2,607	-0,251	0,261
CHR14	5104036	CHR14:5104036	SSF x LoA	-8,227	0,048	0,290
CHR14	5109577	CHR14:5109577	SSF x LoA	-8,464	0,068	0,267
CHR14	5109580	CHR14:5109580	SSF x LoA	-8,027	0,070	0,269
CHR14	5109966	CHR14:5109966	SSF x LoA	-10,138	-0,073	0,294
CHR14	5109994	CHR14:5109994	SSF x LoA	-7,686	0,074	0,301
CHR14	5119884	CHR14:5119884	SSF x LoA	-0,485	-0,025	0,286
CHR14	5119950	CHR14:5119950	SSF x LoA	-3,095	0,023	0,296
CHR14	5120022	CHR14:5120022	SSF x LoA	-10,291	-0,042	0,298
CHR14	5120038	CHR14:5120038	SSF x LoA	-7,817	-0,134	0,287
CHR14	5138853	CHR14:5138853	SSF x LoA	-9,239	0,034	0,291
CHR14	5143422	CHR14:5143422	SSF x LoA	-5,030	-0,148	0,297
CHR14	5144802	CHR14:5144802	SSF x LoA	-3,444	0,117	0,294
CHR14	5168702	CHR14:5168702	SSF x LoA	-2,133	-0,211	0,280
CHR14	5168772	CHR14:5168772	SSF x LoA	-8,334	0,180	0,273
CHR14	5168779	CHR14:5168779	SSF x LoA	-8,626	-0,060	0,285
CHR14	5168837	CHR14:5168837	SSF x LoA	-6,413	-0,160	0,283
CHR14	5168842	CHR14:5168842	SSF x LoA	-9,990	0,093	0,280
CHR14	5207117	CHR14:5207117	SSF x LoA	-11,139	-0,028	0,284
CHR14	5207394	CHR14:5207394	SSF x LoA	-9,593	0,055	0,299
CHR14	5209916	CHR14:5209916	SSF x LoA	-9,430	-0,087	0,304
CHR14	5209963	CHR14:5209963	SSF x LoA	-10,859	-0,110	0,276
CHR14	5209966	CHR14:5209966	SSF x LoA	-7,872	0,066	0,275
CHR14	5220235	CHR14:5220235	SSF x LoA	-6,984	0,134	0,285
CHR14	5220307	CHR14:5220307	SSF x LoA	-9,243	0,132	0,282
CHR14	5220564	CHR14:5220564	SSF x LoA	-7,654	0,024	0,278
CHR14	5220574	CHR14:5220574	SSF x LoA	-7,305	-0,017	0,288
CHR14	5226975	CHR14:5226975	SSF x LoA	-10,165	0,117	0,279
CHR14	5234027	CHR14:5234027	SSF x LoA	-10,224	0,008	0,296
CHR14	5248912	CHR14:5248912	SSF x LoA	-7,624	-0,136	0,264
CHR14	5256693	CHR14:5256693	SSF x LoA	-5,275	-0,134	0,296
CHR14	5257472	CHR14:5257472	SSF x LoA	-9,223	0,045	0,292
CHR14	5257566	CHR14:5257566	SSF x LoA	-8,317	-0,014	0,297
CHR14	5259407	CHR14:5259407	SSF x LoA	-8,881	-0,014	0,286
CHR14	5262473	CHR14:5262473	SSF x LoA	-6,623	-0,114	0,275
CHR14	5263708	CHR14:5263708	SSF x LoA	-6,929	-0,109	0,283
CHR14	5263879	CHR14:5263879	SSF x LoA	-6,016	-0,162	0,287
CHR14	5266385	CHR14:5266385	SSF x LoA	-7,799	0,069	0,284
CHR14	5268297	CHR14:5268297	SSF x LoA	-6,277	0,102	0,286
CHR14	5269629	CHR14:5269629	SSF x LoA	-8,719	0,057	0,289
CHR14	5269632	CHR14:5269632	SSF x LoA	-9,038	0,039	0,287
CHR14	5269652	CHR14:5269652	SSF x LoA	-6,926	-0,156	0,276
CHR14	5269660	CHR14:5269660	SSF x LoA	-7,570	-0,113	0,288
CHR14	5286661	CHR14:5286661	SSF x LoA	-6,616	0,143	0,288
CHR14	5286761	CHR14:5286761	SSF x LoA	-8,326	-0,049	0,295
CHR14	5286837	CHR14:5286837	SSF x LoA	-8,180	0,022	0,295
CHR14	5289736	CHR14:5289736	SSF x LoA	-6,483	-0,143	0,285
CHR14	5290002	CHR14:5290002	SSF x LoA	-6,585	0,046	0,289
CHR14	5290008	CHR14:5290008	SSF x LoA	-9,463	0,069	0,307
CHR14	5292267	CHR14:5292267	SSF x LoA	-8,840	0,085	0,283

CHR14	5295015	CHR14:5295015	SSF x LoA	-10,329	0,029	0,265
CHR14	5295089	CHR14:5295089	SSF x LoA	-6,182	0,088	0,294
CHR14	5295154	CHR14:5295154	SSF x LoA	-11,056	0,096	0,277
CHR14	5301708	CHR14:5301708	SSF x LoA	-6,639	-0,069	0,301
CHR14	5301744	CHR14:5301744	SSF x LoA	-8,739	-0,062	0,297
CHR14	5301847	CHR14:5301847	SSF x LoA	-8,545	-0,015	0,289
CHR14	5306402	CHR14:5306402	SSF x LoA	-8,960	0,110	0,292
CHR14	5306405	CHR14:5306405	SSF x LoA	-9,523	-0,013	0,294
CHR14	5306570	CHR14:5306570	SSF x LoA	-10,278	-0,035	0,288
CHR14	5306581	CHR14:5306581	SSF x LoA	-8,412	-0,067	0,284
CHR14	5311190	CHR14:5311190	SSF x LoA	-7,623	-0,056	0,297
CHR14	5311245	CHR14:5311245	SSF x LoA	-7,180	-0,051	0,305
CHR14	5311247	CHR14:5311247	SSF x LoA	-9,702	-0,037	0,287
CHR14	5311273	CHR14:5311273	SSF x LoA	-7,544	-0,006	0,300
CHR14	5311280	CHR14:5311280	SSF x LoA	-9,664	0,012	0,299
CHR14	5311339	CHR14:5311339	SSF x LoA	-6,799	0,061	0,288
CHR14	5311388	CHR14:5311388	SSF x LoA	-10,039	-0,165	0,277
CHR14	5311461	CHR14:5311461	SSF x LoA	-7,599	0,100	0,307
CHR14	5313580	CHR14:5313580	SSF x LoA	-8,934	-0,056	0,283
CHR14	5323799	CHR14:5323799	SSF x LoA	-7,127	-0,065	0,292
CHR14	5323873	CHR14:5323873	SSF x LoA	-8,323	0,155	0,281
CHR14	5323958	CHR14:5323958	SSF x LoA	-7,177	-0,049	0,294
CHR14	5323993	CHR14:5323993	SSF x LoA	4,220	-0,050	0,305
CHR14	5324024	CHR14:5324024	SSF x LoA	-8,697	0,153	0,280
CHR14	5332330	CHR14:5332330	SSF x LoA	-8,376	0,147	0,277
CHR14	5335841	CHR14:5335841	SSF x LoA	-10,371	-0,039	0,283
CHR14	5335878	CHR14:5335878	SSF x LoA	-8,335	0,018	0,291
CHR14	5335924	CHR14:5335924	SSF x LoA	-1,275	0,130	0,290
CHR14	5336015	CHR14:5336015	SSF x LoA	-8,735	0,063	0,293
CHR14	5344077	CHR14:5344077	SSF x LoA	-7,339	0,049	0,272
CHR14	5344104	CHR14:5344104	SSF x LoA	-7,644	0,090	0,283
CHR14	5350864	CHR14:5350864	SSF x LoA	-7,982	0,105	0,293
CHR14	5350866	CHR14:5350866	SSF x LoA	-8,317	0,082	0,299
CHR14	5350872	CHR14:5350872	SSF x LoA	-10,165	0,042	0,268
CHR14	5350892	CHR14:5350892	SSF x LoA	-7,268	0,102	0,296
CHR14	5350920	CHR14:5350920	SSF x LoA	-8,265	-0,046	0,284
CHR14	5350947	CHR14:5350947	SSF x LoA	-6,308	-0,081	0,274
CHR14	5431703	CHR14:5431703	SSF x LoA	-11,111	-0,008	0,293
CHR14	5454896	CHR14:5454896	SSF x LoA	-10,390	-0,057	0,293
CHR14	5467878	CHR14:5467878	SSF x LoA	-11,175	0,034	0,282
CHR14	5506441	CHR14:5506441	SSF x LoA	-4,697	0,178	0,283
CHR14	5506448	CHR14:5506448	SSF x LoA	-10,775	-0,054	0,289
CHR14	5508960	CHR14:5508960	SSF x LoA	-7,767	-0,067	0,295
CHR14	5508987	CHR14:5508987	SSF x LoA	-4,762	0,165	0,273
CHR14	5509076	CHR14:5509076	SSF x LoA	-9,966	0,035	0,301
CHR14	5509079	CHR14:5509079	SSF x LoA	-10,560	-0,004	0,295
CHR14	5509117	CHR14:5509117	SSF x LoA	-5,923	0,090	0,290
CHR14	5533015	CHR14:5533015	SSF x LoA	-6,267	0,039	0,298
CHR14	5533092	CHR14:5533092	SSF x LoA	-10,263	0,040	0,289
CHR14	5536468	CHR14:5536468	SSF x LoA	-8,197	-0,050	0,279
CHR14	5536517	CHR14:5536517	SSF x LoA	-10,307	-0,016	0,280
CHR14	5536521	CHR14:5536521	SSF x LoA	-6,309	-0,035	0,302
CHR14	5540909	CHR14:5540909	SSF x LoA	-9,848	0,020	0,278

CHR14	554318	CHR14:554318	SSF x LoA	-11,045	-0,026	0,295
CHR14	5548730	CHR14:5548730	SSF x LoA	-8,230	-0,070	0,284
CHR14	5548837	CHR14:5548837	SSF x LoA	-9,520	-0,013	0,296
CHR14	5548850	CHR14:5548850	SSF x LoA	-11,176	-0,061	0,299
CHR14	5552713	CHR14:5552713	SSF x LoA	-6,759	0,031	0,299
CHR14	5552798	CHR14:5552798	SSF x LoA	1,514	0,083	0,297
CHR14	5552829	CHR14:5552829	SSF x LoA	-11,268	-0,029	0,275
CHR14	5552883	CHR14:5552883	SSF x LoA	-10,064	-0,015	0,295
CHR14	5552913	CHR14:5552913	SSF x LoA	-10,037	-0,067	0,289
CHR14	5553006	CHR14:5553006	SSF x LoA	-11,244	-0,028	0,289
CHR14	5553121	CHR14:5553121	SSF x LoA	-5,144	-0,021	0,298
CHR14	5598243	CHR14:5598243	SSF x LoA	-6,804	-0,050	0,293
CHR14	5602380	CHR14:5602380	SSF x LoA	-3,979	0,099	0,299
CHR14	5602415	CHR14:5602415	SSF x LoA	-9,623	0,042	0,292
CHR14	5602489	CHR14:5602489	SSF x LoA	-7,966	0,097	0,302
CHR14	5602609	CHR14:5602609	SSF x LoA	-8,542	0,093	0,284
CHR14	5607900	CHR14:5607900	SSF x LoA	-8,571	0,062	0,299
CHR14	5607917	CHR14:5607917	SSF x LoA	-10,496	0,017	0,302
CHR14	5608226	CHR14:5608226	SSF x LoA	-8,429	0,108	0,282
CHR14	5608286	CHR14:5608286	SSF x LoA	-10,987	0,042	0,281
CHR14	5608291	CHR14:5608291	SSF x LoA	-10,692	0,056	0,286
CHR14	5619446	CHR14:5619446	SSF x LoA	-8,179	-0,112	0,281
CHR14	5624407	CHR14:5624407	SSF x LoA	-9,941	-0,068	0,282
CHR14	5632777	CHR14:5632777	SSF x LoA	-9,002	-0,025	0,291
CHR14	5651251	CHR14:5651251	SSF x LoA	-7,298	0,023	0,292
CHR14	5651422	CHR14:5651422	SSF x LoA	4,303	0,065	0,296
CHR14	5664158	CHR14:5664158	SSF x LoA	-8,980	-0,071	0,291
CHR14	5664210	CHR14:5664210	SSF x LoA	-9,100	-0,038	0,293
CHR14	5666521	CHR14:5666521	SSF x LoA	-6,320	-0,160	0,275
CHR14	5666557	CHR14:5666557	SSF x LoA	-6,843	0,118	0,298
CHR14	5666690	CHR14:5666690	SSF x LoA	-7,277	0,125	0,283
CHR14	5666782	CHR14:5666782	SSF x LoA	-9,244	0,065	0,299
CHR14	5666836	CHR14:5666836	SSF x LoA	-6,921	-0,139	0,302
CHR14	5673549	CHR14:5673549	SSF x LoA	-8,944	0,031	0,287
CHR14	5673597	CHR14:5673597	SSF x LoA	-9,702	-0,093	0,281
CHR14	5675258	CHR14:5675258	SSF x LoA	-8,314	0,056	0,289
CHR14	5694598	CHR14:5694598	SSF x LoA	-7,264	0,069	0,290
CHR14	5711151	CHR14:5711151	SSF x LoA	-7,643	-0,047	0,291
CHR14	5726671	CHR14:5726671	SSF x LoA	-6,865	-0,071	0,308
CHR14	5743146	CHR14:5743146	SSF x LoA	-7,888	0,051	0,292
CHR14	5743202	CHR14:5743202	SSF x LoA	-9,985	-0,062	0,284
CHR14	5749714	CHR14:5749714	SSF x LoA	-6,076	0,073	0,286
CHR14	5778428	CHR14:5778428	SSF x LoA	-7,167	-0,121	0,311
CHR14	5778556	CHR14:5778556	SSF x LoA	-10,215	0,002	0,287
CHR14	5780787	CHR14:5780787	SSF x LoA	-9,052	-0,040	0,289
CHR14	5780823	CHR14:5780823	SSF x LoA	-10,838	0,077	0,289
CHR14	5781440	CHR14:5781440	SSF x LoA	-9,893	-0,068	0,284
CHR14	5790161	CHR14:5790161	SSF x LoA	-7,262	-0,101	0,293
CHR14	5792370	CHR14:5792370	SSF x LoA	-4,164	-0,008	0,291
CHR14	5792411	CHR14:5792411	SSF x LoA	-7,790	0,008	0,297
CHR14	5792509	CHR14:5792509	SSF x LoA	-11,116	-0,055	0,292
CHR14	5792578	CHR14:5792578	SSF x LoA	-10,340	-0,078	0,291
CHR14	5795415	CHR14:5795415	SSF x LoA	-7,635	0,092	0,285

CHR14	5796491	CHR14:5796491	SSF x LoA	-4,588	-0,055	0,291
CHR14	5796537	CHR14:5796537	SSF x LoA	-11,025	0,036	0,296
CHR14	5796626	CHR14:5796626	SSF x LoA	-7,840	-0,097	0,289
CHR14	5800965	CHR14:5800965	SSF x LoA	-4,998	0,163	0,295
CHR14	5801094	CHR14:5801094	SSF x LoA	-10,361	0,042	0,293
CHR14	580113	CHR14:580113	SSF x LoA	-2,621	0,113	0,284
CHR14	5801131	CHR14:5801131	SSF x LoA	-9,600	-0,046	0,296
CHR14	5801185	CHR14:5801185	SSF x LoA	-10,986	0,013	0,301
CHR14	5801204	CHR14:5801204	SSF x LoA	-10,540	0,024	0,292
CHR14	5805679	CHR14:5805679	SSF x LoA	-3,851	0,040	0,283
CHR14	5805684	CHR14:5805684	SSF x LoA	-9,220	-0,058	0,284
CHR14	5805822	CHR14:5805822	SSF x LoA	-10,109	-0,013	0,284
CHR14	5805843	CHR14:5805843	SSF x LoA	-7,644	0,035	0,284
CHR14	5805861	CHR14:5805861	SSF x LoA	-9,003	-0,030	0,308
CHR14	5805920	CHR14:5805920	SSF x LoA	-8,838	-0,047	0,276
CHR14	5810951	CHR14:5810951	SSF x LoA	-8,833	0,009	0,290
CHR14	5811042	CHR14:5811042	SSF x LoA	-11,294	0,005	0,294
CHR14	5811220	CHR14:5811220	SSF x LoA	-7,026	0,080	0,309
CHR14	5816317	CHR14:5816317	SSF x LoA	-8,492	0,077	0,270
CHR14	5816329	CHR14:5816329	SSF x LoA	-8,483	0,071	0,297
CHR14	5822988	CHR14:5822988	SSF x LoA	-12,002	0,014	0,287
CHR14	5829973	CHR14:5829973	SSF x LoA	-11,041	0,065	0,285
CHR14	5829981	CHR14:5829981	SSF x LoA	-8,772	0,020	0,286
CHR14	5829988	CHR14:5829988	SSF x LoA	-9,807	0,018	0,286
CHR14	5829990	CHR14:5829990	SSF x LoA	-7,241	-0,039	0,288
CHR14	5830122	CHR14:5830122	SSF x LoA	-11,070	0,051	0,291
CHR14	5830256	CHR14:5830256	SSF x LoA	-10,121	-0,007	0,293
CHR14	5839729	CHR14:5839729	SSF x LoA	-10,016	-0,095	0,286
CHR14	5839771	CHR14:5839771	SSF x LoA	-1,484	0,123	0,301
CHR14	5839872	CHR14:5839872	SSF x LoA	-7,454	-0,022	0,288
CHR14	5839881	CHR14:5839881	SSF x LoA	-9,275	0,010	0,287
CHR14	5840088	CHR14:5840088	SSF x LoA	-8,258	0,100	0,283
CHR14	5840125	CHR14:5840125	SSF x LoA	-6,086	0,144	0,279
CHR14	5840138	CHR14:5840138	SSF x LoA	-9,733	0,080	0,292
CHR14	5844052	CHR14:5844052	SSF x LoA	-6,494	-0,027	0,286
CHR14	5844105	CHR14:5844105	SSF x LoA	-9,670	-0,066	0,299
CHR14	5844114	CHR14:5844114	SSF x LoA	-7,322	-0,042	0,295
CHR14	5844121	CHR14:5844121	SSF x LoA	-9,456	0,011	0,292
CHR14	5844350	CHR14:5844350	SSF x LoA	-9,038	0,050	0,296
CHR14	5844398	CHR14:5844398	SSF x LoA	-1,113	-0,053	0,307
CHR14	5862696	CHR14:5862696	SSF x LoA	-10,544	-0,008	0,292
CHR14	5862812	CHR14:5862812	SSF x LoA	-8,589	0,006	0,278
CHR14	5862813	CHR14:5862813	SSF x LoA	-10,943	-0,025	0,287
CHR14	5862820	CHR14:5862820	SSF x LoA	-9,157	-0,054	0,283
CHR14	5867156	CHR14:5867156	SSF x LoA	-8,548	-0,116	0,282
CHR14	5867174	CHR14:5867174	SSF x LoA	-3,364	0,243	0,277
CHR14	5868758	CHR14:5868758	SSF x LoA	-10,463	-0,071	0,286
CHR14	5877040	CHR14:5877040	SSF x LoA	-9,959	0,085	0,304
CHR14	5880899	CHR14:5880899	SSF x LoA	-8,014	-0,027	0,295
CHR14	5880982	CHR14:5880982	SSF x LoA	-9,930	0,063	0,289
CHR14	5881040	CHR14:5881040	SSF x LoA	-10,646	-0,074	0,288
CHR14	5881070	CHR14:5881070	SSF x LoA	-8,569	-0,017	0,305
CHR14	5898123	CHR14:5898123	SSF x LoA	-9,068	-0,171	0,292

CHR14	5909735	CHR14:5909735	SSF x LoA	-10,197	0,093	0,300
CHR14	5909814	CHR14:5909814	SSF x LoA	-10,490	-0,122	0,288
CHR14	5909994	CHR14:5909994	SSF x LoA	-8,028	0,024	0,296
CHR14	5910013	CHR14:5910013	SSF x LoA	-9,525	-0,032	0,290
CHR14	5910044	CHR14:5910044	SSF x LoA	-8,905	-0,008	0,290
CHR14	5912981	CHR14:5912981	SSF x LoA	-10,913	-0,036	0,289
CHR14	5913053	CHR14:5913053	SSF x LoA	-8,725	-0,122	0,276
CHR14	5913182	CHR14:5913182	SSF x LoA	-7,148	0,020	0,280
CHR14	5919776	CHR14:5919776	SSF x LoA	-8,932	0,040	0,300
CHR14	5923648	CHR14:5923648	SSF x LoA	-7,777	-0,077	0,293
CHR14	5923813	CHR14:5923813	SSF x LoA	-7,875	0,012	0,298
CHR14	5950409	CHR14:5950409	SSF x LoA	-8,196	-0,063	0,278
CHR14	5950430	CHR14:5950430	SSF x LoA	-8,526	0,064	0,274
CHR14	5964865	CHR14:5964865	SSF x LoA	-7,300	-0,078	0,288
CHR14	5973321	CHR14:5973321	SSF x LoA	-7,717	-0,119	0,302
CHR14	5973354	CHR14:5973354	SSF x LoA	-10,359	0,009	0,289
CHR14	5973383	CHR14:5973383	SSF x LoA	-10,299	-0,039	0,291
CHR14	601916	CHR14:601916	SSF x LoA	-5,715	-0,133	0,285
CHR14	6033792	CHR14:6033792	SSF x LoA	-8,527	0,006	0,285
CHR14	6033793	CHR14:6033793	SSF x LoA	-8,195	-0,034	0,277
CHR14	6033923	CHR14:6033923	SSF x LoA	-8,480	-0,010	0,287
CHR14	6045736	CHR14:6045736	SSF x LoA	-9,976	-0,039	0,296
CHR14	6045819	CHR14:6045819	SSF x LoA	-9,947	-0,001	0,298
CHR14	6045847	CHR14:6045847	SSF x LoA	-10,884	-0,063	0,279
CHR14	6045857	CHR14:6045857	SSF x LoA	-9,777	0,088	0,289
CHR14	6045919	CHR14:6045919	SSF x LoA	-8,941	-0,055	0,293
CHR14	6045957	CHR14:6045957	SSF x LoA	-10,446	0,048	0,284
CHR14	6045962	CHR14:6045962	SSF x LoA	-10,470	0,079	0,294
CHR14	6055461	CHR14:6055461	SSF x LoA	-8,052	0,025	0,301
CHR14	6055631	CHR14:6055631	SSF x LoA	-7,352	0,029	0,288
CHR14	6056974	CHR14:6056974	SSF x LoA	-8,292	-0,109	0,285
CHR14	6067329	CHR14:6067329	SSF x LoA	-11,093	0,032	0,285
CHR14	6067450	CHR14:6067450	SSF x LoA	-7,383	-0,151	0,280
CHR14	6098153	CHR14:6098153	SSF x LoA	-5,791	0,162	0,274
CHR14	6098172	CHR14:6098172	SSF x LoA	-2,937	-0,083	0,289
CHR14	6130265	CHR14:6130265	SSF x LoA	-7,941	0,055	0,281
CHR14	6130382	CHR14:6130382	SSF x LoA	-8,427	0,040	0,294
CHR14	6130421	CHR14:6130421	SSF x LoA	-10,529	-0,008	0,281
CHR14	6136020	CHR14:6136020	SSF x LoA	-8,273	0,039	0,267
CHR14	6136037	CHR14:6136037	SSF x LoA	-8,545	-0,014	0,279
CHR14	6136038	CHR14:6136038	SSF x LoA	-7,664	0,059	0,275
CHR14	6136204	CHR14:6136204	SSF x LoA	-9,767	-0,003	0,291
CHR14	6136256	CHR14:6136256	SSF x LoA	-10,912	0,001	0,284
CHR14	6158131	CHR14:6158131	SSF x LoA	-6,863	-0,126	0,289
CHR14	6158322	CHR14:6158322	SSF x LoA	-6,173	-0,097	0,294
CHR14	6160215	CHR14:6160215	SSF x LoA	-8,871	-0,013	0,294
CHR14	6160617	CHR14:6160617	SSF x LoA	-9,257	0,021	0,283
CHR14	6169390	CHR14:6169390	SSF x LoA	-6,403	-0,154	0,273
CHR14	6169465	CHR14:6169465	SSF x LoA	-9,831	-0,114	0,282
CHR14	6177632	CHR14:6177632	SSF x LoA	-8,576	-0,029	0,285
CHR14	6177637	CHR14:6177637	SSF x LoA	-8,445	-0,095	0,285
CHR14	6177658	CHR14:6177658	SSF x LoA	-5,891	-0,155	0,266
CHR14	6177690	CHR14:6177690	SSF x LoA	-7,653	0,120	0,279

CHR14	6179757	CHR14:6179757	SSF x LoA	-10,011	-0,017	0,293
CHR14	6179761	CHR14:6179761	SSF x LoA	-8,960	0,042	0,289
CHR14	6179798	CHR14:6179798	SSF x LoA	-9,369	0,014	0,295
CHR14	6179861	CHR14:6179861	SSF x LoA	-11,126	0,004	0,283
CHR14	6179911	CHR14:6179911	SSF x LoA	-7,395	-0,097	0,288
CHR14	6179920	CHR14:6179920	SSF x LoA	-8,862	0,040	0,295
CHR14	6186607	CHR14:6186607	SSF x LoA	-9,959	-0,033	0,297
CHR14	6186616	CHR14:6186616	SSF x LoA	-8,679	-0,043	0,279
CHR14	619655	CHR14:619655	SSF x LoA	-8,882	0,031	0,297
CHR14	6197838	CHR14:6197838	SSF x LoA	-9,650	0,131	0,286
CHR14	6197859	CHR14:6197859	SSF x LoA	-6,996	0,150	0,286
CHR14	6197877	CHR14:6197877	SSF x LoA	-9,255	-0,025	0,300
CHR14	6197899	CHR14:6197899	SSF x LoA	-8,108	0,099	0,295
CHR14	6197908	CHR14:6197908	SSF x LoA	-8,589	0,064	0,295
CHR14	6197923	CHR14:6197923	SSF x LoA	-10,141	0,042	0,301
CHR14	6197966	CHR14:6197966	SSF x LoA	-7,776	-0,018	0,296
CHR14	6197967	CHR14:6197967	SSF x LoA	-5,263	0,003	0,290
CHR14	6197998	CHR14:6197998	SSF x LoA	-7,199	-0,087	0,279
CHR14	6198032	CHR14:6198032	SSF x LoA	-10,880	-0,044	0,279
CHR14	6198083	CHR14:6198083	SSF x LoA	-6,136	0,150	0,261
CHR14	620038	CHR14:620038	SSF x LoA	-8,299	-0,032	0,293
CHR14	6201558	CHR14:6201558	SSF x LoA	-9,945	-0,109	0,284
CHR14	6201569	CHR14:6201569	SSF x LoA	-7,667	-0,039	0,282
CHR14	6201581	CHR14:6201581	SSF x LoA	1,966	-0,027	0,282
CHR14	6201585	CHR14:6201585	SSF x LoA	-7,667	0,101	0,302
CHR14	6201639	CHR14:6201639	SSF x LoA	-6,898	-0,048	0,277
CHR14	6217958	CHR14:6217958	SSF x LoA	-6,806	-0,153	0,295
CHR14	6224060	CHR14:6224060	SSF x LoA	-8,832	0,059	0,283
CHR14	6224067	CHR14:6224067	SSF x LoA	-8,555	-0,035	0,297
CHR14	6258862	CHR14:6258862	SSF x LoA	-7,875	-0,057	0,290
CHR14	6258961	CHR14:6258961	SSF x LoA	-9,083	0,008	0,286
CHR14	6258973	CHR14:6258973	SSF x LoA	-8,963	0,053	0,294
CHR14	6259004	CHR14:6259004	SSF x LoA	-8,802	0,139	0,283
CHR14	6262713	CHR14:6262713	SSF x LoA	-8,485	0,063	0,280
CHR14	6262742	CHR14:6262742	SSF x LoA	-7,906	0,049	0,281
CHR14	6262887	CHR14:6262887	SSF x LoA	-6,262	0,061	0,288
CHR14	6287764	CHR14:6287764	SSF x LoA	-8,256	0,066	0,285
CHR14	6287766	CHR14:6287766	SSF x LoA	-7,549	0,090	0,285
CHR14	6287816	CHR14:6287816	SSF x LoA	-8,446	-0,115	0,279
CHR14	6287845	CHR14:6287845	SSF x LoA	-9,813	-0,097	0,295
CHR14	6292953	CHR14:6292953	SSF x LoA	-10,445	-0,010	0,298
CHR14	6293100	CHR14:6293100	SSF x LoA	-7,731	0,092	0,286
CHR14	6293189	CHR14:6293189	SSF x LoA	-9,954	0,033	0,288
CHR14	6298849	CHR14:6298849	SSF x LoA	-7,628	-0,057	0,285
CHR14	6298888	CHR14:6298888	SSF x LoA	-9,202	-0,007	0,293
CHR14	6298941	CHR14:6298941	SSF x LoA	-7,199	0,024	0,278
CHR14	6298960	CHR14:6298960	SSF x LoA	-10,090	-0,058	0,285
CHR14	6299585	CHR14:6299585	SSF x LoA	-8,306	0,038	0,286
CHR14	6299592	CHR14:6299592	SSF x LoA	-10,968	0,013	0,298
CHR14	6299639	CHR14:6299639	SSF x LoA	-10,412	0,004	0,299
CHR14	6299733	CHR14:6299733	SSF x LoA	-9,912	-0,085	0,292
CHR14	6299771	CHR14:6299771	SSF x LoA	-8,223	0,026	0,299
CHR14	6318187	CHR14:6318187	SSF x LoA	-6,504	0,036	0,296

CHR14	631858	CHR14:631858	SSF x LoA	-3,676	-0,047	0,291
CHR14	632136	CHR14:632136	SSF x LoA	-7,864	0,062	0,277
CHR14	632141	CHR14:632141	SSF x LoA	-7,837	0,058	0,283
CHR14	6321828	CHR14:6321828	SSF x LoA	-9,577	-0,111	0,277
CHR14	6322121	CHR14:6322121	SSF x LoA	-7,603	-0,084	0,267
CHR14	6333110	CHR14:6333110	SSF x LoA	-7,421	0,008	0,313
CHR14	6345564	CHR14:6345564	SSF x LoA	-11,260	-0,034	0,277
CHR14	6352512	CHR14:6352512	SSF x LoA	-10,585	-0,028	0,288
CHR14	6358936	CHR14:6358936	SSF x LoA	-8,096	0,094	0,287
CHR14	6358983	CHR14:6358983	SSF x LoA	-8,427	-0,092	0,274
CHR14	6373615	CHR14:6373615	SSF x LoA	-8,623	0,044	0,290
CHR14	6424898	CHR14:6424898	SSF x LoA	-10,127	-0,071	0,294
CHR14	6424919	CHR14:6424919	SSF x LoA	-3,737	-0,137	0,293
CHR14	6425776	CHR14:6425776	SSF x LoA	-10,076	0,067	0,289
CHR14	6425883	CHR14:6425883	SSF x LoA	-7,563	-0,043	0,283
CHR14	6425893	CHR14:6425893	SSF x LoA	-10,917	0,003	0,290
CHR14	6427765	CHR14:6427765	SSF x LoA	-11,200	-0,098	0,274
CHR14	6427786	CHR14:6427786	SSF x LoA	-8,881	-0,134	0,289
CHR14	6427843	CHR14:6427843	SSF x LoA	-10,190	0,057	0,292
CHR14	6427932	CHR14:6427932	SSF x LoA	-10,939	0,009	0,292
CHR14	6437244	CHR14:6437244	SSF x LoA	-7,359	-0,159	0,292
CHR14	6437333	CHR14:6437333	SSF x LoA	-7,651	-0,115	0,289
CHR14	6439651	CHR14:6439651	SSF x LoA	-8,148	-0,082	0,303
CHR14	6439699	CHR14:6439699	SSF x LoA	-8,885	0,133	0,283
CHR14	6439716	CHR14:6439716	SSF x LoA	-7,885	-0,012	0,289
CHR14	6439730	CHR14:6439730	SSF x LoA	-9,388	0,069	0,285
CHR14	6439752	CHR14:6439752	SSF x LoA	-8,154	0,044	0,302
CHR14	6459309	CHR14:6459309	SSF x LoA	-9,819	-0,052	0,291
CHR14	6459318	CHR14:6459318	SSF x LoA	-6,901	-0,047	0,293
CHR14	6459360	CHR14:6459360	SSF x LoA	-6,259	-0,052	0,295
CHR14	6459416	CHR14:6459416	SSF x LoA	-9,424	0,015	0,273
CHR14	6459430	CHR14:6459430	SSF x LoA	-9,324	-0,036	0,293
CHR14	6459477	CHR14:6459477	SSF x LoA	-8,188	0,052	0,288
CHR14	6459577	CHR14:6459577	SSF x LoA	-10,338	0,001	0,299
CHR14	6466101	CHR14:6466101	SSF x LoA	-8,397	-0,051	0,270
CHR14	6466181	CHR14:6466181	SSF x LoA	-3,825	0,118	0,289
CHR14	6562774	CHR14:6562774	SSF x LoA	-8,686	0,037	0,286
CHR14	6563847	CHR14:6563847	SSF x LoA	-8,375	0,171	0,304
CHR14	6563972	CHR14:6563972	SSF x LoA	-10,450	-0,039	0,311
CHR14	6564798	CHR14:6564798	SSF x LoA	-10,515	0,046	0,277
CHR14	6564879	CHR14:6564879	SSF x LoA	-7,117	-0,055	0,294
CHR14	6567879	CHR14:6567879	SSF x LoA	-7,166	0,093	0,291
CHR14	6569443	CHR14:6569443	SSF x LoA	-8,747	-0,085	0,296
CHR14	6571651	CHR14:6571651	SSF x LoA	-8,093	0,002	0,281
CHR14	6571761	CHR14:6571761	SSF x LoA	-10,913	-0,023	0,285
CHR14	6578299	CHR14:6578299	SSF x LoA	-10,643	0,001	0,290
CHR14	6578605	CHR14:6578605	SSF x LoA	-10,401	0,043	0,290
CHR14	6578641	CHR14:6578641	SSF x LoA	-8,215	0,043	0,281
CHR14	6578649	CHR14:6578649	SSF x LoA	-7,560	0,033	0,300
CHR14	6580644	CHR14:6580644	SSF x LoA	-8,012	0,060	0,270
CHR14	6580659	CHR14:6580659	SSF x LoA	-8,167	0,068	0,268
CHR14	6580687	CHR14:6580687	SSF x LoA	-8,186	0,094	0,297
CHR14	6581871	CHR14:6581871	SSF x LoA	-7,449	-0,204	0,285

CHR14	6581885	CHR14:6581885	SSF x LoA	-6,811	0,064	0,303
CHR14	6595052	CHR14:6595052	SSF x LoA	-9,670	-0,014	0,295
CHR14	6625302	CHR14:6625302	SSF x LoA	-9,119	-0,014	0,289
CHR14	6633278	CHR14:6633278	SSF x LoA	-10,123	0,107	0,289
CHR14	664031	CHR14:664031	SSF x LoA	-8,110	-0,016	0,305
CHR14	6652444	CHR14:6652444	SSF x LoA	-6,720	-0,052	0,293
CHR14	6652482	CHR14:6652482	SSF x LoA	-4,861	0,203	0,271
CHR14	6652551	CHR14:6652551	SSF x LoA	-8,219	-0,108	0,286
CHR14	6652587	CHR14:6652587	SSF x LoA	-7,475	-0,054	0,284
CHR14	6656231	CHR14:6656231	SSF x LoA	-4,072	0,175	0,268
CHR14	6656262	CHR14:6656262	SSF x LoA	-8,368	-0,115	0,291
CHR14	6656363	CHR14:6656363	SSF x LoA	-9,071	-0,017	0,284
CHR14	6656376	CHR14:6656376	SSF x LoA	-0,509	-0,097	0,300
CHR14	6656380	CHR14:6656380	SSF x LoA	-7,668	-0,090	0,279
CHR14	6656384	CHR14:6656384	SSF x LoA	-7,745	-0,049	0,283
CHR14	6656388	CHR14:6656388	SSF x LoA	-8,091	-0,026	0,293
CHR14	6666651	CHR14:6666651	SSF x LoA	-8,423	-0,018	0,281
CHR14	6666699	CHR14:6666699	SSF x LoA	-10,725	-0,034	0,286
CHR14	6669087	CHR14:6669087	SSF x LoA	-7,638	-0,108	0,281
CHR14	6671123	CHR14:6671123	SSF x LoA	-8,337	0,073	0,283
CHR14	6681180	CHR14:6681180	SSF x LoA	-8,510	0,028	0,287
CHR14	6681241	CHR14:6681241	SSF x LoA	-8,461	-0,008	0,284
CHR14	6681313	CHR14:6681313	SSF x LoA	-10,636	0,005	0,285
CHR14	6689586	CHR14:6689586	SSF x LoA	-9,636	0,009	0,287
CHR14	6694316	CHR14:6694316	SSF x LoA	-8,935	-0,123	0,286
CHR14	6694337	CHR14:6694337	SSF x LoA	-8,731	0,122	0,290
CHR14	6694359	CHR14:6694359	SSF x LoA	-4,093	0,199	0,277
CHR14	6694371	CHR14:6694371	SSF x LoA	-6,059	0,124	0,288
CHR14	6694385	CHR14:6694385	SSF x LoA	-11,578	-0,025	0,287
CHR14	6694391	CHR14:6694391	SSF x LoA	-7,150	0,139	0,289
CHR14	6694414	CHR14:6694414	SSF x LoA	-7,235	0,036	0,289
CHR14	6694418	CHR14:6694418	SSF x LoA	-9,034	0,026	0,293
CHR14	6694440	CHR14:6694440	SSF x LoA	-8,983	-0,112	0,295
CHR14	6694446	CHR14:6694446	SSF x LoA	-7,604	-0,106	0,296
CHR14	6694447	CHR14:6694447	SSF x LoA	-7,034	-0,089	0,301
CHR14	6694469	CHR14:6694469	SSF x LoA	-8,795	-0,012	0,294
CHR14	6694622	CHR14:6694622	SSF x LoA	-8,303	-0,047	0,297
CHR14	6694623	CHR14:6694623	SSF x LoA	-8,048	-0,052	0,281
CHR14	6694624	CHR14:6694624	SSF x LoA	-8,116	-0,075	0,276
CHR14	6694626	CHR14:6694626	SSF x LoA	-8,855	-0,041	0,280
CHR14	6694727	CHR14:6694727	SSF x LoA	-9,399	-0,045	0,293
CHR14	6724210	CHR14:6724210	SSF x LoA	-9,273	-0,067	0,284
CHR14	6724302	CHR14:6724302	SSF x LoA	-10,561	0,035	0,281
CHR14	6726246	CHR14:6726246	SSF x LoA	-7,933	-0,033	0,284
CHR14	6726297	CHR14:6726297	SSF x LoA	-5,522	-0,064	0,284
CHR14	6742909	CHR14:6742909	SSF x LoA	-6,423	-0,025	0,285
CHR14	6742917	CHR14:6742917	SSF x LoA	-5,090	-0,140	0,284
CHR14	6742942	CHR14:6742942	SSF x LoA	-7,891	0,044	0,300
CHR14	6742987	CHR14:6742987	SSF x LoA	-8,623	0,134	0,268
CHR14	6743001	CHR14:6743001	SSF x LoA	-6,563	-0,089	0,291
CHR14	6743073	CHR14:6743073	SSF x LoA	-11,304	0,085	0,277
CHR14	6743086	CHR14:6743086	SSF x LoA	-8,990	-0,028	0,304
CHR14	6743196	CHR14:6743196	SSF x LoA	-3,482	0,175	0,284

CHR14	6743201	CHR14:6743201	SSF x LoA	-6,305	0,091	0,291
CHR14	6746618	CHR14:6746618	SSF x LoA	-9,051	0,023	0,277
CHR14	6746741	CHR14:6746741	SSF x LoA	-9,673	0,022	0,292
CHR14	6746995	CHR14:6746995	SSF x LoA	-6,512	0,092	0,297
CHR14	6767119	CHR14:6767119	SSF x LoA	-10,702	-0,060	0,292
CHR14	6767170	CHR14:6767170	SSF x LoA	-8,603	0,036	0,289
CHR14	6774462	CHR14:6774462	SSF x LoA	-8,003	0,074	0,288
CHR14	6774468	CHR14:6774468	SSF x LoA	-10,070	0,095	0,277
CHR14	6775258	CHR14:6775258	SSF x LoA	-6,634	0,101	0,282
CHR14	6783250	CHR14:6783250	SSF x LoA	-7,716	-0,100	0,298
CHR14	6829015	CHR14:6829015	SSF x LoA	-8,406	-0,099	0,284
CHR14	6841611	CHR14:6841611	SSF x LoA	-10,058	0,028	0,296
CHR14	6907429	CHR14:6907429	SSF x LoA	-9,190	0,019	0,290
CHR14	6913340	CHR14:6913340	SSF x LoA	-9,553	0,019	0,285
CHR14	6927335	CHR14:6927335	SSF x LoA	-10,864	0,029	0,295
CHR14	6968579	CHR14:6968579	SSF x LoA	-4,675	0,101	0,273
CHR14	6975464	CHR14:6975464	SSF x LoA	-9,305	0,072	0,282
CHR14	6975478	CHR14:6975478	SSF x LoA	-11,373	-0,022	0,282
CHR14	6975488	CHR14:6975488	SSF x LoA	-9,875	-0,010	0,299
CHR14	6975500	CHR14:6975500	SSF x LoA	-10,473	-0,029	0,270
CHR14	6975505	CHR14:6975505	SSF x LoA	-7,160	-0,035	0,284
CHR14	6975635	CHR14:6975635	SSF x LoA	-9,564	0,052	0,297
CHR14	6975649	CHR14:6975649	SSF x LoA	-9,805	0,051	0,283
CHR14	6982913	CHR14:6982913	SSF x LoA	-8,416	-0,078	0,303
CHR14	6991851	CHR14:6991851	SSF x LoA	-8,484	0,022	0,292
CHR14	6991852	CHR14:6991852	SSF x LoA	-7,764	-0,017	0,302
CHR14	6991874	CHR14:6991874	SSF x LoA	-6,988	0,108	0,293
CHR14	6991915	CHR14:6991915	SSF x LoA	-7,048	0,024	0,301
CHR14	6991920	CHR14:6991920	SSF x LoA	-9,064	0,000	0,297
CHR14	6991927	CHR14:6991927	SSF x LoA	-11,197	0,009	0,290
CHR14	6991937	CHR14:6991937	SSF x LoA	-8,673	0,005	0,286
CHR14	6992043	CHR14:6992043	SSF x LoA	-8,019	-0,008	0,285
CHR14	6992048	CHR14:6992048	SSF x LoA	-7,623	0,067	0,283
CHR14	7034058	CHR14:7034058	SSF x LoA	-9,950	0,011	0,284
CHR14	7034918	CHR14:7034918	SSF x LoA	-7,958	0,092	0,275
CHR14	7046395	CHR14:7046395	SSF x LoA	-7,620	0,104	0,297
CHR14	7046473	CHR14:7046473	SSF x LoA	-7,954	-0,120	0,290
CHR14	7046551	CHR14:7046551	SSF x LoA	-9,524	-0,024	0,281
CHR14	7046625	CHR14:7046625	SSF x LoA	-7,271	0,073	0,288
CHR14	707565	CHR14:707565	SSF x LoA	-9,229	0,110	0,272
CHR14	7087565	CHR14:7087565	SSF x LoA	-8,895	0,101	0,297
CHR14	7087718	CHR14:7087718	SSF x LoA	-10,924	0,071	0,273
CHR14	7097205	CHR14:7097205	SSF x LoA	-10,806	-0,038	0,281
CHR14	7097347	CHR14:7097347	SSF x LoA	-5,793	0,136	0,293
CHR14	7102825	CHR14:7102825	SSF x LoA	-7,114	-0,032	0,290
CHR14	7102912	CHR14:7102912	SSF x LoA	-9,303	0,010	0,288
CHR14	7102914	CHR14:7102914	SSF x LoA	-9,855	-0,044	0,280
CHR14	7102946	CHR14:7102946	SSF x LoA	-10,015	-0,006	0,290
CHR14	7103009	CHR14:7103009	SSF x LoA	-10,576	0,047	0,291
CHR14	7103123	CHR14:7103123	SSF x LoA	-10,553	0,119	0,280
CHR14	7110639	CHR14:7110639	SSF x LoA	-9,250	0,048	0,286
CHR14	7122508	CHR14:7122508	SSF x LoA	-8,334	0,170	0,284
CHR14	7133299	CHR14:7133299	SSF x LoA	-7,280	-0,140	0,280

CHR14	7133336	CHR14:7133336	SSF x LoA	-4,235	-0,169	0,289
CHR14	715410	CHR14:715410	SSF x LoA	-8,833	0,089	0,289
CHR14	715608	CHR14:715608	SSF x LoA	-7,265	0,133	0,285
CHR14	7163478	CHR14:7163478	SSF x LoA	-10,234	-0,074	0,278
CHR14	728779	CHR14:728779	SSF x LoA	-9,168	0,075	0,284
CHR14	729859	CHR14:729859	SSF x LoA	-6,888	0,061	0,292
CHR14	7321425	CHR14:7321425	SSF x LoA	-11,265	0,028	0,283
CHR14	7321569	CHR14:7321569	SSF x LoA	-7,577	-0,093	0,282
CHR14	732701	CHR14:732701	SSF x LoA	-5,313	0,002	0,285
CHR14	7343910	CHR14:7343910	SSF x LoA	-4,924	-0,052	0,285
CHR14	7396883	CHR14:7396883	SSF x LoA	-9,773	0,031	0,286
CHR14	7396946	CHR14:7396946	SSF x LoA	-9,768	0,007	0,275
CHR14	7419431	CHR14:7419431	SSF x LoA	-6,477	0,174	0,274
CHR14	7421168	CHR14:7421168	SSF x LoA	-9,077	0,022	0,281
CHR14	7421272	CHR14:7421272	SSF x LoA	-6,945	0,050	0,291
CHR14	7421289	CHR14:7421289	SSF x LoA	-6,057	0,030	0,285
CHR14	7421293	CHR14:7421293	SSF x LoA	-10,645	-0,074	0,285
CHR14	7421353	CHR14:7421353	SSF x LoA	-8,086	0,024	0,289
CHR14	7421358	CHR14:7421358	SSF x LoA	-9,854	-0,061	0,294
CHR14	7421363	CHR14:7421363	SSF x LoA	-8,524	-0,009	0,288
CHR14	7421374	CHR14:7421374	SSF x LoA	-7,026	0,048	0,290
CHR14	7421397	CHR14:7421397	SSF x LoA	-9,390	-0,056	0,287
CHR14	7434991	CHR14:7434991	SSF x LoA	-10,692	0,025	0,286
CHR14	7443553	CHR14:7443553	SSF x LoA	-7,969	-0,100	0,281
CHR14	7454113	CHR14:7454113	SSF x LoA	-6,640	0,017	0,282
CHR14	7454116	CHR14:7454116	SSF x LoA	-3,899	0,039	0,290
CHR14	7454120	CHR14:7454120	SSF x LoA	-8,504	0,003	0,295
CHR14	7454129	CHR14:7454129	SSF x LoA	-8,867	0,083	0,295
CHR14	7454134	CHR14:7454134	SSF x LoA	-7,938	0,004	0,287
CHR14	7454212	CHR14:7454212	SSF x LoA	-9,551	0,093	0,305
CHR14	7454295	CHR14:7454295	SSF x LoA	-4,703	-0,178	0,265
CHR14	7454398	CHR14:7454398	SSF x LoA	-7,149	0,170	0,276
CHR14	7454408	CHR14:7454408	SSF x LoA	-5,693	-0,132	0,299
CHR14	7454411	CHR14:7454411	SSF x LoA	-7,879	-0,075	0,293
CHR14	7454434	CHR14:7454434	SSF x LoA	-6,911	-0,080	0,293
CHR14	7461659	CHR14:7461659	SSF x LoA	-1,560	0,087	0,286
CHR14	7478874	CHR14:7478874	SSF x LoA	-7,719	0,017	0,310
CHR14	7478897	CHR14:7478897	SSF x LoA	-11,312	-0,065	0,298
CHR14	7478898	CHR14:7478898	SSF x LoA	-7,192	0,100	0,290
CHR14	7478940	CHR14:7478940	SSF x LoA	-8,003	-0,020	0,297
CHR14	7478967	CHR14:7478967	SSF x LoA	-7,111	-0,126	0,272
CHR14	7503072	CHR14:7503072	SSF x LoA	-8,843	0,061	0,279
CHR14	7505111	CHR14:7505111	SSF x LoA	-9,733	0,012	0,300
CHR14	7505141	CHR14:7505141	SSF x LoA	-8,335	0,082	0,285
CHR14	7505154	CHR14:7505154	SSF x LoA	-8,113	0,057	0,272
CHR14	7514348	CHR14:7514348	SSF x LoA	-10,401	0,027	0,298
CHR14	752911	CHR14:752911	SSF x LoA	-4,057	-0,170	0,280
CHR14	753138	CHR14:753138	SSF x LoA	-7,232	-0,165	0,292
CHR14	754270	CHR14:754270	SSF x LoA	-6,457	0,102	0,301
CHR14	754401	CHR14:754401	SSF x LoA	-9,775	0,043	0,288
CHR14	7547354	CHR14:7547354	SSF x LoA	-8,943	0,021	0,285
CHR14	7547420	CHR14:7547420	SSF x LoA	-8,894	0,011	0,295
CHR14	7547443	CHR14:7547443	SSF x LoA	-8,792	-0,126	0,279

CHR14	7547525	CHR14:7547525	SSF x LoA	-8,522	-0,059	0,303
CHR14	7547526	CHR14:7547526	SSF x LoA	-8,812	-0,057	0,281
CHR14	7557250	CHR14:7557250	SSF x LoA	-7,358	0,046	0,282
CHR14	7557277	CHR14:7557277	SSF x LoA	-9,826	-0,054	0,292
CHR14	7559766	CHR14:7559766	SSF x LoA	-8,329	0,070	0,279
CHR14	7559826	CHR14:7559826	SSF x LoA	-7,614	0,022	0,297
CHR14	7574395	CHR14:7574395	SSF x LoA	-3,454	0,130	0,301
CHR14	7574454	CHR14:7574454	SSF x LoA	-7,573	-0,074	0,291
CHR14	7574458	CHR14:7574458	SSF x LoA	-6,909	-0,083	0,284
CHR14	759816	CHR14:759816	SSF x LoA	-10,783	0,067	0,295
CHR14	761032	CHR14:761032	SSF x LoA	-8,825	0,010	0,282
CHR14	761064	CHR14:761064	SSF x LoA	-8,206	-0,004	0,284
CHR14	7615570	CHR14:7615570	SSF x LoA	-7,424	0,042	0,289
CHR14	7615613	CHR14:7615613	SSF x LoA	-7,484	0,161	0,276
CHR14	7616203	CHR14:7616203	SSF x LoA	-7,947	-0,002	0,296
CHR14	7622180	CHR14:7622180	SSF x LoA	-8,303	-0,148	0,294
CHR14	7630206	CHR14:7630206	SSF x LoA	-9,363	-0,050	0,270
CHR14	7630244	CHR14:7630244	SSF x LoA	-7,398	0,003	0,296
CHR14	7630262	CHR14:7630262	SSF x LoA	-8,302	0,064	0,292
CHR14	7648843	CHR14:7648843	SSF x LoA	-8,643	0,000	0,307
CHR14	7648853	CHR14:7648853	SSF x LoA	-8,961	-0,006	0,305
CHR14	7648872	CHR14:7648872	SSF x LoA	-8,969	-0,014	0,291
CHR14	7648874	CHR14:7648874	SSF x LoA	-8,637	0,014	0,283
CHR14	7648882	CHR14:7648882	SSF x LoA	-8,493	-0,011	0,295
CHR14	765158	CHR14:765158	SSF x LoA	-5,780	-0,124	0,279
CHR14	765222	CHR14:765222	SSF x LoA	-9,233	-0,022	0,299
CHR14	7672739	CHR14:7672739	SSF x LoA	-6,881	-0,044	0,289
CHR14	7672742	CHR14:7672742	SSF x LoA	-8,860	-0,023	0,280
CHR14	7672767	CHR14:7672767	SSF x LoA	-8,215	-0,047	0,284
CHR14	7673715	CHR14:7673715	SSF x LoA	-9,393	-0,044	0,291
CHR14	7673862	CHR14:7673862	SSF x LoA	-6,972	-0,202	0,284
CHR14	7673895	CHR14:7673895	SSF x LoA	-4,806	0,075	0,297
CHR14	7673911	CHR14:7673911	SSF x LoA	-7,802	0,068	0,301
CHR14	7675001	CHR14:7675001	SSF x LoA	-8,120	-0,045	0,296
CHR14	7675018	CHR14:7675018	SSF x LoA	-10,873	0,051	0,300
CHR14	7675023	CHR14:7675023	SSF x LoA	-10,574	0,041	0,282
CHR14	7688300	CHR14:7688300	SSF x LoA	-9,926	-0,028	0,293
CHR14	7688373	CHR14:7688373	SSF x LoA	-7,134	0,010	0,295
CHR14	7688443	CHR14:7688443	SSF x LoA	-8,125	-0,137	0,285
CHR14	7694375	CHR14:7694375	SSF x LoA	-8,539	0,150	0,301
CHR14	7694424	CHR14:7694424	SSF x LoA	-10,468	-0,083	0,286
CHR14	7694437	CHR14:7694437	SSF x LoA	-9,435	0,079	0,292
CHR14	7694463	CHR14:7694463	SSF x LoA	-10,432	0,035	0,292
CHR14	7696876	CHR14:7696876	SSF x LoA	-10,167	0,010	0,293
CHR14	7697122	CHR14:7697122	SSF x LoA	-10,819	-0,035	0,286
CHR14	7697156	CHR14:7697156	SSF x LoA	-8,091	0,072	0,288
CHR14	7703199	CHR14:7703199	SSF x LoA	-10,248	-0,135	0,282
CHR14	7703569	CHR14:7703569	SSF x LoA	-8,457	-0,060	0,309
CHR14	7705448	CHR14:7705448	SSF x LoA	-7,511	-0,153	0,284
CHR14	7705483	CHR14:7705483	SSF x LoA	-8,569	-0,020	0,299
CHR14	7705610	CHR14:7705610	SSF x LoA	-10,616	0,062	0,303
CHR14	7705617	CHR14:7705617	SSF x LoA	-10,170	-0,115	0,280
CHR14	770937	CHR14:770937	SSF x LoA	-9,894	0,077	0,290

CHR14	771028	CHR14:771028	SSF x LoA	-10,151	-0,069	0,284
CHR14	7733524	CHR14:7733524	SSF x LoA	-10,857	-0,015	0,299
CHR14	7737559	CHR14:7737559	SSF x LoA	-6,562	0,109	0,279
CHR14	7737620	CHR14:7737620	SSF x LoA	-7,664	0,129	0,286
CHR14	7773716	CHR14:7773716	SSF x LoA	-8,184	-0,114	0,278
CHR14	779081	CHR14:779081	SSF x LoA	-9,215	0,173	0,280
CHR14	7803989	CHR14:7803989	SSF x LoA	-7,249	-0,017	0,285
CHR14	7803995	CHR14:7803995	SSF x LoA	-9,719	0,134	0,278
CHR14	7804032	CHR14:7804032	SSF x LoA	-6,289	0,002	0,291
CHR14	7810999	CHR14:7810999	SSF x LoA	-6,537	0,005	0,278
CHR14	7811001	CHR14:7811001	SSF x LoA	-8,016	-0,007	0,273
CHR14	7811107	CHR14:7811107	SSF x LoA	-6,738	0,079	0,307
CHR14	7811152	CHR14:7811152	SSF x LoA	-7,842	0,085	0,301
CHR14	7811211	CHR14:7811211	SSF x LoA	-8,666	0,058	0,292
CHR14	7812807	CHR14:7812807	SSF x LoA	-9,964	0,077	0,270
CHR14	7812855	CHR14:7812855	SSF x LoA	-7,344	-0,026	0,297
CHR14	7812922	CHR14:7812922	SSF x LoA	-7,575	0,010	0,293
CHR14	7812929	CHR14:7812929	SSF x LoA	-9,233	0,010	0,291
CHR14	7819910	CHR14:7819910	SSF x LoA	-7,352	-0,092	0,263
CHR14	7819944	CHR14:7819944	SSF x LoA	-8,619	-0,133	0,264
CHR14	7819964	CHR14:7819964	SSF x LoA	-5,851	-0,083	0,276
CHR14	7819968	CHR14:7819968	SSF x LoA	-8,661	-0,058	0,286
CHR14	7820069	CHR14:7820069	SSF x LoA	-8,016	0,066	0,271
CHR14	7820158	CHR14:7820158	SSF x LoA	-9,849	-0,038	0,293
CHR14	7820170	CHR14:7820170	SSF x LoA	-8,325	0,004	0,293
CHR14	7820232	CHR14:7820232	SSF x LoA	-10,586	-0,006	0,301
CHR14	7820245	CHR14:7820245	SSF x LoA	-7,759	-0,070	0,289
CHR14	7820252	CHR14:7820252	SSF x LoA	-8,652	-0,052	0,280
CHR14	7835187	CHR14:7835187	SSF x LoA	-8,050	-0,087	0,269
CHR14	7835326	CHR14:7835326	SSF x LoA	-6,471	0,118	0,281
CHR14	7848504	CHR14:7848504	SSF x LoA	-6,204	0,094	0,297
CHR14	7848653	CHR14:7848653	SSF x LoA	-8,800	0,023	0,291
CHR14	7848693	CHR14:7848693	SSF x LoA	-9,975	0,020	0,308
CHR14	7848743	CHR14:7848743	SSF x LoA	-9,968	-0,043	0,292
CHR14	7853931	CHR14:7853931	SSF x LoA	-10,622	-0,017	0,301
CHR14	7853960	CHR14:7853960	SSF x LoA	-6,035	0,130	0,293
CHR14	7853979	CHR14:7853979	SSF x LoA	-8,403	-0,141	0,293
CHR14	7855279	CHR14:7855279	SSF x LoA	-9,380	0,040	0,275
CHR14	7855327	CHR14:7855327	SSF x LoA	-9,140	-0,043	0,286
CHR14	7855425	CHR14:7855425	SSF x LoA	-9,414	-0,108	0,284
CHR14	7855450	CHR14:7855450	SSF x LoA	-5,596	-0,083	0,286
CHR14	7861358	CHR14:7861358	SSF x LoA	-8,681	-0,144	0,281
CHR14	7863736	CHR14:7863736	SSF x LoA	-10,106	0,066	0,291
CHR14	7885345	CHR14:7885345	SSF x LoA	-7,839	0,104	0,294
CHR14	7908118	CHR14:7908118	SSF x LoA	-7,899	-0,124	0,277
CHR14	7942907	CHR14:7942907	SSF x LoA	-9,202	-0,028	0,292
CHR14	7955538	CHR14:7955538	SSF x LoA	-5,181	-0,187	0,284
CHR14	7960191	CHR14:7960191	SSF x LoA	-10,436	-0,007	0,287
CHR14	7960192	CHR14:7960192	SSF x LoA	-10,333	0,025	0,291
CHR14	7960223	CHR14:7960223	SSF x LoA	-9,573	0,065	0,290
CHR14	7960247	CHR14:7960247	SSF x LoA	-11,036	0,054	0,290
CHR14	8025724	CHR14:8025724	SSF x LoA	-9,129	-0,042	0,280
CHR14	8063431	CHR14:8063431	SSF x LoA	-8,879	0,160	0,280

CHR14	8072621	CHR14:8072621	SSF x LoA	-10,141	0,005	0,292
CHR14	8072675	CHR14:8072675	SSF x LoA	-7,108	-0,042	0,297
CHR14	8072684	CHR14:8072684	SSF x LoA	-9,328	-0,050	0,287
CHR14	8072686	CHR14:8072686	SSF x LoA	-9,041	0,014	0,295
CHR14	8077405	CHR14:8077405	SSF x LoA	-10,163	0,123	0,288
CHR14	8102866	CHR14:8102866	SSF x LoA	-8,667	0,008	0,286
CHR14	8102909	CHR14:8102909	SSF x LoA	-8,190	-0,070	0,280
CHR14	8132251	CHR14:8132251	SSF x LoA	-8,693	-0,091	0,284
CHR14	8132254	CHR14:8132254	SSF x LoA	-9,023	-0,071	0,282
CHR14	8132821	CHR14:8132821	SSF x LoA	-6,914	-0,102	0,279
CHR14	8133018	CHR14:8133018	SSF x LoA	-9,533	0,065	0,298
CHR14	8137999	CHR14:8137999	SSF x LoA	-8,157	-0,037	0,283
CHR14	8138017	CHR14:8138017	SSF x LoA	-7,576	-0,165	0,276
CHR14	8138156	CHR14:8138156	SSF x LoA	-8,565	0,072	0,287
CHR14	8143681	CHR14:8143681	SSF x LoA	-10,728	0,016	0,298
CHR14	8143694	CHR14:8143694	SSF x LoA	-9,742	0,060	0,302
CHR14	8143776	CHR14:8143776	SSF x LoA	-9,986	0,088	0,274
CHR14	8143877	CHR14:8143877	SSF x LoA	-3,125	0,048	0,294
CHR14	8143910	CHR14:8143910	SSF x LoA	-7,263	-0,076	0,301
CHR14	8143913	CHR14:8143913	SSF x LoA	-9,112	0,009	0,288
CHR14	8147561	CHR14:8147561	SSF x LoA	-9,381	0,010	0,281
CHR14	8147979	CHR14:8147979	SSF x LoA	-10,094	-0,087	0,285
CHR14	8148010	CHR14:8148010	SSF x LoA	-8,443	0,013	0,282
CHR14	8149225	CHR14:8149225	SSF x LoA	-8,335	0,136	0,281
CHR14	8149266	CHR14:8149266	SSF x LoA	-6,664	-0,062	0,273
CHR14	8149268	CHR14:8149268	SSF x LoA	-6,238	0,031	0,278
CHR14	8149339	CHR14:8149339	SSF x LoA	-6,988	-0,151	0,268
CHR14	8153517	CHR14:8153517	SSF x LoA	-7,251	0,101	0,279
CHR14	8153586	CHR14:8153586	SSF x LoA	-8,522	0,049	0,286
CHR14	8164191	CHR14:8164191	SSF x LoA	-10,715	-0,023	0,291
CHR14	8168133	CHR14:8168133	SSF x LoA	-10,514	0,097	0,295
CHR14	8168538	CHR14:8168538	SSF x LoA	-5,904	0,050	0,276
CHR14	8199692	CHR14:8199692	SSF x LoA	-11,117	-0,089	0,279
CHR14	8199739	CHR14:8199739	SSF x LoA	-9,119	0,050	0,266
CHR14	8201379	CHR14:8201379	SSF x LoA	-6,991	-0,071	0,291
CHR14	8201409	CHR14:8201409	SSF x LoA	-9,491	0,123	0,284
CHR14	8201410	CHR14:8201410	SSF x LoA	-8,285	0,086	0,293
CHR14	8201491	CHR14:8201491	SSF x LoA	-8,317	0,082	0,293
CHR14	8201495	CHR14:8201495	SSF x LoA	-10,561	-0,047	0,297
CHR14	8201533	CHR14:8201533	SSF x LoA	-10,239	0,074	0,302
CHR14	8221202	CHR14:8221202	SSF x LoA	-8,732	0,003	0,273
CHR14	8221291	CHR14:8221291	SSF x LoA	-7,490	-0,150	0,295
CHR14	8221340	CHR14:8221340	SSF x LoA	-5,164	0,209	0,272
CHR14	8221351	CHR14:8221351	SSF x LoA	-9,629	0,031	0,287
CHR14	8221390	CHR14:8221390	SSF x LoA	-7,702	-0,144	0,289
CHR14	8221452	CHR14:8221452	SSF x LoA	-9,249	-0,140	0,276
CHR14	8221453	CHR14:8221453	SSF x LoA	-5,679	0,118	0,297
CHR14	8245149	CHR14:8245149	SSF x LoA	-6,812	0,025	0,285
CHR14	8245187	CHR14:8245187	SSF x LoA	-6,778	-0,022	0,280
CHR14	8245258	CHR14:8245258	SSF x LoA	-6,439	0,009	0,287
CHR14	8245267	CHR14:8245267	SSF x LoA	-10,754	-0,038	0,287
CHR14	8245365	CHR14:8245365	SSF x LoA	-9,435	0,110	0,290
CHR14	8245390	CHR14:8245390	SSF x LoA	-9,382	-0,052	0,301

CHR14	8247787	CHR14:8247787	SSF x LoA	-10,936	0,027	0,290
CHR14	8247795	CHR14:8247795	SSF x LoA	-11,327	0,013	0,286
CHR14	8248367	CHR14:8248367	SSF x LoA	-10,895	-0,039	0,300
CHR14	825320	CHR14:825320	SSF x LoA	-8,787	-0,001	0,296
CHR14	8254269	CHR14:8254269	SSF x LoA	-8,245	0,021	0,291
CHR14	8255771	CHR14:8255771	SSF x LoA	-7,581	0,074	0,290
CHR14	8255891	CHR14:8255891	SSF x LoA	-8,949	-0,098	0,291
CHR14	8255895	CHR14:8255895	SSF x LoA	-9,695	-0,100	0,288
CHR14	8275165	CHR14:8275165	SSF x LoA	-9,855	-0,012	0,278
CHR14	8275166	CHR14:8275166	SSF x LoA	-9,094	-0,043	0,287
CHR14	8275185	CHR14:8275185	SSF x LoA	-9,367	-0,060	0,299
CHR14	8275270	CHR14:8275270	SSF x LoA	-9,485	-0,050	0,278
CHR14	8275306	CHR14:8275306	SSF x LoA	-10,747	-0,052	0,280
CHR14	8275317	CHR14:8275317	SSF x LoA	-7,533	0,042	0,286
CHR14	8279375	CHR14:8279375	SSF x LoA	-11,360	-0,014	0,285
CHR14	8279383	CHR14:8279383	SSF x LoA	-11,160	-0,062	0,291
CHR14	8279493	CHR14:8279493	SSF x LoA	-9,955	-0,084	0,286
CHR14	8310011	CHR14:8310011	SSF x LoA	-9,100	-0,077	0,279
CHR14	8315291	CHR14:8315291	SSF x LoA	-7,469	-0,081	0,293
CHR14	8318434	CHR14:8318434	SSF x LoA	-11,047	0,039	0,289
CHR14	8318455	CHR14:8318455	SSF x LoA	-8,220	-0,078	0,284
CHR14	832798	CHR14:832798	SSF x LoA	-3,932	0,125	0,279
CHR14	8328137	CHR14:8328137	SSF x LoA	-11,554	-0,018	0,289
CHR14	8328171	CHR14:8328171	SSF x LoA	-8,425	0,061	0,291
CHR14	8328248	CHR14:8328248	SSF x LoA	-8,882	-0,065	0,295
CHR14	8328292	CHR14:8328292	SSF x LoA	-4,840	-0,029	0,297
CHR14	8328301	CHR14:8328301	SSF x LoA	-6,390	-0,069	0,306
CHR14	8328410	CHR14:8328410	SSF x LoA	-9,455	-0,048	0,291
CHR14	832908	CHR14:832908	SSF x LoA	-11,755	0,020	0,274
CHR14	8357352	CHR14:8357352	SSF x LoA	-7,230	-0,086	0,293
CHR14	8357404	CHR14:8357404	SSF x LoA	-1,752	-0,065	0,305
CHR14	8357421	CHR14:8357421	SSF x LoA	-5,936	-0,101	0,309
CHR14	8357907	CHR14:8357907	SSF x LoA	-7,994	-0,009	0,283
CHR14	8363072	CHR14:8363072	SSF x LoA	-9,873	0,018	0,286
CHR14	8363112	CHR14:8363112	SSF x LoA	-8,576	-0,035	0,284
CHR14	8363356	CHR14:8363356	SSF x LoA	-9,988	-0,027	0,304
CHR14	8365263	CHR14:8365263	SSF x LoA	-9,630	0,097	0,281
CHR14	8365271	CHR14:8365271	SSF x LoA	-8,961	-0,111	0,295
CHR14	8365490	CHR14:8365490	SSF x LoA	-10,173	-0,031	0,293
CHR14	8365499	CHR14:8365499	SSF x LoA	-11,071	0,053	0,290
CHR14	8388012	CHR14:8388012	SSF x LoA	-9,438	0,036	0,297
CHR14	8388251	CHR14:8388251	SSF x LoA	-11,072	-0,001	0,285
CHR14	8388262	CHR14:8388262	SSF x LoA	-7,936	0,095	0,292
CHR14	8388277	CHR14:8388277	SSF x LoA	-7,854	-0,133	0,275
CHR14	8396378	CHR14:8396378	SSF x LoA	-6,052	0,174	0,283
CHR14	8396382	CHR14:8396382	SSF x LoA	-5,721	0,179	0,282
CHR14	8396585	CHR14:8396585	SSF x LoA	-8,219	0,067	0,294
CHR14	8396594	CHR14:8396594	SSF x LoA	-9,771	0,050	0,292
CHR14	8396646	CHR14:8396646	SSF x LoA	-5,157	-0,197	0,258
CHR14	840626	CHR14:840626	SSF x LoA	-10,002	0,005	0,282
CHR14	840628	CHR14:840628	SSF x LoA	-7,950	-0,107	0,290
CHR14	8408063	CHR14:8408063	SSF x LoA	-7,958	-0,076	0,289
CHR14	8413708	CHR14:8413708	SSF x LoA	-7,135	0,136	0,295

CHR14	8413783	CHR14:8413783	SSF x LoA	-8,786	-0,099	0,280
CHR14	8413787	CHR14:8413787	SSF x LoA	-7,008	-0,061	0,283
CHR14	8413834	CHR14:8413834	SSF x LoA	-8,782	-0,159	0,280
CHR14	8413836	CHR14:8413836	SSF x LoA	-11,050	-0,024	0,297
CHR14	8420302	CHR14:8420302	SSF x LoA	-8,353	0,038	0,293
CHR14	8420334	CHR14:8420334	SSF x LoA	-7,736	0,010	0,297
CHR14	8420476	CHR14:8420476	SSF x LoA	-9,424	0,053	0,277
CHR14	8422882	CHR14:8422882	SSF x LoA	-10,011	-0,051	0,286
CHR14	8423144	CHR14:8423144	SSF x LoA	-11,598	0,033	0,286
CHR14	8427574	CHR14:8427574	SSF x LoA	-9,299	-0,113	0,294
CHR14	843713	CHR14:843713	SSF x LoA	-10,530	0,031	0,283
CHR14	8437837	CHR14:8437837	SSF x LoA	-5,156	0,208	0,280
CHR14	843973	CHR14:843973	SSF x LoA	-8,853	0,035	0,273
CHR14	8440376	CHR14:8440376	SSF x LoA	-7,977	-0,081	0,285
CHR14	844094	CHR14:844094	SSF x LoA	-7,090	-0,179	0,282
CHR14	8443633	CHR14:8443633	SSF x LoA	-8,784	-0,149	0,284
CHR14	8443773	CHR14:8443773	SSF x LoA	-8,402	-0,065	0,285
CHR14	8466893	CHR14:8466893	SSF x LoA	-8,327	0,041	0,298
CHR14	8466928	CHR14:8466928	SSF x LoA	-7,602	-0,086	0,278
CHR14	8474261	CHR14:8474261	SSF x LoA	-10,804	0,000	0,294
CHR14	8474333	CHR14:8474333	SSF x LoA	-10,199	0,140	0,277
CHR14	8474358	CHR14:8474358	SSF x LoA	-8,566	-0,092	0,295
CHR14	8478452	CHR14:8478452	SSF x LoA	-9,905	-0,011	0,301
CHR14	8478509	CHR14:8478509	SSF x LoA	-9,853	-0,080	0,286
CHR14	8478601	CHR14:8478601	SSF x LoA	-9,920	-0,125	0,280
CHR14	8478615	CHR14:8478615	SSF x LoA	-7,363	0,133	0,299
CHR14	8480061	CHR14:8480061	SSF x LoA	-10,959	-0,055	0,288
CHR14	8480190	CHR14:8480190	SSF x LoA	-11,562	-0,029	0,283
CHR14	8484916	CHR14:8484916	SSF x LoA	-10,067	-0,064	0,284
CHR14	8493990	CHR14:8493990	SSF x LoA	0,679	0,074	0,293
CHR14	8502706	CHR14:8502706	SSF x LoA	-8,970	-0,082	0,271
CHR14	8502714	CHR14:8502714	SSF x LoA	-8,495	-0,086	0,281
CHR14	8504403	CHR14:8504403	SSF x LoA	-10,230	0,029	0,290
CHR14	8504454	CHR14:8504454	SSF x LoA	-8,165	0,087	0,282
CHR14	8504460	CHR14:8504460	SSF x LoA	-8,359	0,106	0,268
CHR14	8504481	CHR14:8504481	SSF x LoA	-5,683	0,150	0,287
CHR14	8504542	CHR14:8504542	SSF x LoA	-8,243	0,069	0,292
CHR14	8504601	CHR14:8504601	SSF x LoA	3,259	-0,034	0,271
CHR14	8504710	CHR14:8504710	SSF x LoA	-8,986	-0,033	0,291
CHR14	850935	CHR14:850935	SSF x LoA	-8,657	0,100	0,277
CHR14	850942	CHR14:850942	SSF x LoA	-6,545	0,042	0,295
CHR14	8509613	CHR14:8509613	SSF x LoA	-7,401	-0,136	0,285
CHR14	8509615	CHR14:8509615	SSF x LoA	-7,697	0,153	0,289
CHR14	8509626	CHR14:8509626	SSF x LoA	-6,760	-0,095	0,283
CHR14	8513058	CHR14:8513058	SSF x LoA	-6,870	-0,019	0,274
CHR14	8522685	CHR14:8522685	SSF x LoA	-8,317	-0,172	0,279
CHR14	8522765	CHR14:8522765	SSF x LoA	-10,335	0,069	0,301
CHR14	8522985	CHR14:8522985	SSF x LoA	-0,532	-0,151	0,297
CHR14	8523005	CHR14:8523005	SSF x LoA	-8,873	0,083	0,301
CHR14	8545048	CHR14:8545048	SSF x LoA	-9,078	0,110	0,289
CHR14	8545073	CHR14:8545073	SSF x LoA	-8,248	0,143	0,286
CHR14	8545091	CHR14:8545091	SSF x LoA	-7,936	0,070	0,290
CHR14	8545298	CHR14:8545298	SSF x LoA	-10,442	-0,003	0,298

CHR14	8545469	CHR14:8545469	SSF x LoA	-2,472	-0,187	0,281
CHR14	8545496	CHR14:8545496	SSF x LoA	-7,767	0,119	0,286
CHR14	8565104	CHR14:8565104	SSF x LoA	-7,316	-0,119	0,275
CHR14	8565871	CHR14:8565871	SSF x LoA	-9,201	-0,144	0,277
CHR14	8567540	CHR14:8567540	SSF x LoA	-8,495	0,040	0,289
CHR14	8567556	CHR14:8567556	SSF x LoA	-10,384	-0,022	0,297
CHR14	8567624	CHR14:8567624	SSF x LoA	-6,744	0,016	0,304
CHR14	8567718	CHR14:8567718	SSF x LoA	-5,407	-0,147	0,290
CHR14	8567729	CHR14:8567729	SSF x LoA	-7,988	-0,098	0,294
CHR14	8567743	CHR14:8567743	SSF x LoA	-8,043	-0,092	0,294
CHR14	857386	CHR14:857386	SSF x LoA	-7,033	-0,095	0,288
CHR14	8585037	CHR14:8585037	SSF x LoA	-8,461	-0,137	0,282
CHR14	8585044	CHR14:8585044	SSF x LoA	-8,200	0,033	0,288
CHR14	8586095	CHR14:8586095	SSF x LoA	-5,487	-0,110	0,281
CHR14	858984	CHR14:858984	SSF x LoA	-6,021	-0,097	0,303
CHR14	858992	CHR14:858992	SSF x LoA	-8,445	-0,041	0,296
CHR14	859041	CHR14:859041	SSF x LoA	-9,306	-0,052	0,285
CHR14	8591227	CHR14:8591227	SSF x LoA	-8,027	-0,062	0,290
CHR14	8591246	CHR14:8591246	SSF x LoA	-10,759	0,008	0,283
CHR14	8591256	CHR14:8591256	SSF x LoA	-10,326	0,023	0,302
CHR14	8591289	CHR14:8591289	SSF x LoA	-10,408	0,035	0,275
CHR14	859299	CHR14:859299	SSF x LoA	-6,974	0,050	0,303
CHR14	8606217	CHR14:8606217	SSF x LoA	-8,387	-0,002	0,302
CHR14	8608894	CHR14:8608894	SSF x LoA	-6,732	0,014	0,277
CHR14	8608896	CHR14:8608896	SSF x LoA	-7,272	-0,021	0,283
CHR14	8608898	CHR14:8608898	SSF x LoA	-8,444	-0,032	0,292
CHR14	8608937	CHR14:8608937	SSF x LoA	-8,111	0,048	0,299
CHR14	8619857	CHR14:8619857	SSF x LoA	-9,051	-0,079	0,288
CHR14	8620405	CHR14:8620405	SSF x LoA	-9,297	-0,030	0,294
CHR14	8620521	CHR14:8620521	SSF x LoA	-8,056	-0,073	0,293
CHR14	8626071	CHR14:8626071	SSF x LoA	-10,942	0,009	0,285
CHR14	8626235	CHR14:8626235	SSF x LoA	-6,749	0,094	0,301
CHR14	8629486	CHR14:8629486	SSF x LoA	-11,175	-0,007	0,289
CHR14	8629798	CHR14:8629798	SSF x LoA	-10,089	-0,027	0,300
CHR14	8639926	CHR14:8639926	SSF x LoA	-9,071	0,083	0,279
CHR14	8639951	CHR14:8639951	SSF x LoA	-6,394	0,154	0,296
CHR14	8653248	CHR14:8653248	SSF x LoA	-8,057	0,069	0,292
CHR14	8653282	CHR14:8653282	SSF x LoA	-8,212	0,065	0,285
CHR14	8653347	CHR14:8653347	SSF x LoA	-7,811	0,063	0,287
CHR14	8653407	CHR14:8653407	SSF x LoA	-10,170	0,101	0,285
CHR14	8653456	CHR14:8653456	SSF x LoA	-5,352	0,091	0,286
CHR14	8653489	CHR14:8653489	SSF x LoA	-9,079	0,056	0,295
CHR14	8657571	CHR14:8657571	SSF x LoA	-8,145	0,110	0,281
CHR14	8660204	CHR14:8660204	SSF x LoA	-8,721	0,121	0,297
CHR14	868930	CHR14:868930	SSF x LoA	-7,739	0,018	0,300
CHR14	8703407	CHR14:8703407	SSF x LoA	-8,528	-0,010	0,287
CHR14	8703410	CHR14:8703410	SSF x LoA	-10,766	-0,002	0,297
CHR14	8703623	CHR14:8703623	SSF x LoA	-9,576	0,115	0,300
CHR14	8709431	CHR14:8709431	SSF x LoA	-7,544	-0,080	0,279
CHR14	8709491	CHR14:8709491	SSF x LoA	-8,331	0,017	0,292
CHR14	8709500	CHR14:8709500	SSF x LoA	-5,579	0,222	0,285
CHR14	8709525	CHR14:8709525	SSF x LoA	-8,463	0,116	0,287
CHR14	8709587	CHR14:8709587	SSF x LoA	-2,806	0,110	0,292

CHR14	8709589	CHR14:8709589	SSF x LoA	-8,240	0,098	0,283
CHR14	8709693	CHR14:8709693	SSF x LoA	-7,946	0,157	0,276
CHR14	8722133	CHR14:8722133	SSF x LoA	-5,999	-0,187	0,289
CHR14	8738287	CHR14:8738287	SSF x LoA	-8,306	-0,009	0,271
CHR14	8738334	CHR14:8738334	SSF x LoA	-11,403	-0,054	0,295
CHR14	8738350	CHR14:8738350	SSF x LoA	-6,200	0,030	0,287
CHR14	8738391	CHR14:8738391	SSF x LoA	-11,180	0,010	0,293
CHR14	8738392	CHR14:8738392	SSF x LoA	-7,966	0,043	0,287
CHR14	874980	CHR14:874980	SSF x LoA	-7,712	0,022	0,294
CHR14	874995	CHR14:874995	SSF x LoA	-9,149	0,011	0,286
CHR14	874996	CHR14:874996	SSF x LoA	-8,230	0,035	0,286
CHR14	875179	CHR14:875179	SSF x LoA	-8,989	0,001	0,297
CHR14	875182	CHR14:875182	SSF x LoA	-8,384	-0,065	0,299
CHR14	8774916	CHR14:8774916	SSF x LoA	-5,323	0,123	0,293
CHR14	8775005	CHR14:8775005	SSF x LoA	1,839	-0,239	0,266
CHR14	8775084	CHR14:8775084	SSF x LoA	-11,394	0,003	0,268
CHR14	8775085	CHR14:8775085	SSF x LoA	-6,587	0,022	0,296
CHR14	8775106	CHR14:8775106	SSF x LoA	-6,644	0,035	0,300
CHR14	8775110	CHR14:8775110	SSF x LoA	-9,835	0,102	0,272
CHR14	8775155	CHR14:8775155	SSF x LoA	-10,037	0,099	0,287
CHR14	8775211	CHR14:8775211	SSF x LoA	-7,636	0,103	0,281
CHR14	8775260	CHR14:8775260	SSF x LoA	-7,696	-0,078	0,283
CHR14	8785536	CHR14:8785536	SSF x LoA	-10,011	-0,020	0,299
CHR14	8785597	CHR14:8785597	SSF x LoA	-10,148	0,008	0,288
CHR14	8785823	CHR14:8785823	SSF x LoA	-9,320	0,062	0,298
CHR14	8794705	CHR14:8794705	SSF x LoA	-10,785	0,022	0,293
CHR14	8794913	CHR14:8794913	SSF x LoA	-8,163	-0,139	0,276
CHR14	8797665	CHR14:8797665	SSF x LoA	-8,930	0,031	0,293
CHR14	8797736	CHR14:8797736	SSF x LoA	-7,645	0,025	0,283
CHR14	8804287	CHR14:8804287	SSF x LoA	-10,831	-0,118	0,283
CHR14	8818962	CHR14:8818962	SSF x LoA	-7,767	0,094	0,296
CHR14	8818963	CHR14:8818963	SSF x LoA	-8,178	0,100	0,299
CHR14	8818970	CHR14:8818970	SSF x LoA	-8,104	0,081	0,284
CHR14	8818973	CHR14:8818973	SSF x LoA	-9,232	0,018	0,302
CHR14	8819012	CHR14:8819012	SSF x LoA	-4,965	0,004	0,308
CHR14	8819108	CHR14:8819108	SSF x LoA	-7,092	0,032	0,308
CHR14	8819143	CHR14:8819143	SSF x LoA	-8,952	0,011	0,300
CHR14	8825503	CHR14:8825503	SSF x LoA	-8,448	0,026	0,299
CHR14	8825658	CHR14:8825658	SSF x LoA	-5,582	-0,190	0,275
CHR14	8825793	CHR14:8825793	SSF x LoA	-8,104	-0,038	0,291
CHR14	8825796	CHR14:8825796	SSF x LoA	-8,017	-0,025	0,305
CHR14	8829260	CHR14:8829260	SSF x LoA	-8,768	0,084	0,317
CHR14	8829326	CHR14:8829326	SSF x LoA	-7,677	-0,038	0,301
CHR14	8829956	CHR14:8829956	SSF x LoA	-6,929	-0,044	0,299
CHR14	8829981	CHR14:8829981	SSF x LoA	-6,537	-0,078	0,295
CHR14	8830015	CHR14:8830015	SSF x LoA	-10,888	-0,021	0,270
CHR14	8830029	CHR14:8830029	SSF x LoA	-8,250	0,055	0,294
CHR14	8830114	CHR14:8830114	SSF x LoA	-9,717	0,024	0,279
CHR14	8830116	CHR14:8830116	SSF x LoA	-7,604	-0,052	0,289
CHR14	8830195	CHR14:8830195	SSF x LoA	-11,326	-0,024	0,280
CHR14	8830204	CHR14:8830204	SSF x LoA	-3,996	-0,156	0,269
CHR14	8837431	CHR14:8837431	SSF x LoA	-8,198	0,065	0,281
CHR14	8837592	CHR14:8837592	SSF x LoA	-8,522	0,064	0,292

CHR14	8837737	CHR14:8837737	SSF x LoA	-8,382	-0,088	0,284
CHR14	8846053	CHR14:8846053	SSF x LoA	-9,161	0,131	0,293
CHR14	8846132	CHR14:8846132	SSF x LoA	-9,548	0,057	0,295
CHR14	8846168	CHR14:8846168	SSF x LoA	-9,587	0,037	0,278
CHR14	8851444	CHR14:8851444	SSF x LoA	-8,005	0,011	0,287
CHR14	8853070	CHR14:8853070	SSF x LoA	-7,427	-0,085	0,288
CHR14	8853083	CHR14:8853083	SSF x LoA	-9,699	-0,089	0,298
CHR14	8858591	CHR14:8858591	SSF x LoA	-8,273	-0,007	0,299
CHR14	8858615	CHR14:8858615	SSF x LoA	-8,757	0,017	0,286
CHR14	8858628	CHR14:8858628	SSF x LoA	-7,293	-0,002	0,310
CHR14	8888990	CHR14:8888990	SSF x LoA	-10,722	0,049	0,275
CHR14	8898896	CHR14:8898896	SSF x LoA	-7,696	0,052	0,298
CHR14	891014	CHR14:891014	SSF x LoA	-8,466	0,009	0,303
CHR14	8910486	CHR14:8910486	SSF x LoA	-10,245	0,012	0,307
CHR14	8910515	CHR14:8910515	SSF x LoA	-5,557	-0,137	0,299
CHR14	8910575	CHR14:8910575	SSF x LoA	-9,875	0,075	0,281
CHR14	8910580	CHR14:8910580	SSF x LoA	-9,653	0,003	0,283
CHR14	8912002	CHR14:8912002	SSF x LoA	-8,915	0,069	0,289
CHR14	8912019	CHR14:8912019	SSF x LoA	-5,742	-0,037	0,290
CHR14	8912045	CHR14:8912045	SSF x LoA	-8,074	0,034	0,308
CHR14	8912145	CHR14:8912145	SSF x LoA	-1,144	-0,186	0,280
CHR14	891608	CHR14:891608	SSF x LoA	-9,447	0,021	0,270
CHR14	891704	CHR14:891704	SSF x LoA	-8,915	-0,007	0,291
CHR14	891764	CHR14:891764	SSF x LoA	-6,770	0,091	0,281
CHR14	8921083	CHR14:8921083	SSF x LoA	-0,422	0,056	0,290
CHR14	8921268	CHR14:8921268	SSF x LoA	-6,544	-0,022	0,285
CHR14	8925925	CHR14:8925925	SSF x LoA	-8,154	-0,014	0,300
CHR14	8931241	CHR14:8931241	SSF x LoA	-8,212	-0,021	0,290
CHR14	8952995	CHR14:8952995	SSF x LoA	-8,108	-0,098	0,280
CHR14	8953022	CHR14:8953022	SSF x LoA	-9,128	0,062	0,292
CHR14	8961918	CHR14:8961918	SSF x LoA	-8,987	0,037	0,290
CHR14	896535	CHR14:896535	SSF x LoA	-7,815	-0,026	0,279
CHR14	896770	CHR14:896770	SSF x LoA	-9,626	0,008	0,296
CHR14	896843	CHR14:896843	SSF x LoA	-8,758	0,005	0,300
CHR14	896852	CHR14:896852	SSF x LoA	-8,886	-0,002	0,299
CHR14	896897	CHR14:896897	SSF x LoA	-8,900	-0,016	0,291
CHR14	8980781	CHR14:8980781	SSF x LoA	1,105	0,002	0,294
CHR14	8980804	CHR14:8980804	SSF x LoA	-8,109	0,099	0,293
CHR14	8980915	CHR14:8980915	SSF x LoA	-4,412	-0,122	0,285
CHR14	8980944	CHR14:8980944	SSF x LoA	-5,479	0,023	0,308
CHR14	8980949	CHR14:8980949	SSF x LoA	-6,999	0,081	0,293
CHR14	8980978	CHR14:8980978	SSF x LoA	-4,511	0,059	0,297
CHR14	8980989	CHR14:8980989	SSF x LoA	-8,332	0,071	0,289
CHR14	8988378	CHR14:8988378	SSF x LoA	-7,031	0,152	0,300
CHR14	8988610	CHR14:8988610	SSF x LoA	-5,908	-0,069	0,294
CHR14	8988622	CHR14:8988622	SSF x LoA	-7,101	-0,032	0,292
CHR14	8999687	CHR14:8999687	SSF x LoA	-7,988	0,155	0,286
CHR14	8999725	CHR14:8999725	SSF x LoA	-6,155	0,160	0,292
CHR14	8999808	CHR14:8999808	SSF x LoA	-5,494	-0,117	0,286
CHR14	900080	CHR14:900080	SSF x LoA	-8,388	0,063	0,289
CHR14	900230	CHR14:900230	SSF x LoA	-8,598	0,020	0,294
CHR14	900241	CHR14:900241	SSF x LoA	-7,838	0,029	0,303
CHR14	900318	CHR14:900318	SSF x LoA	-6,542	-0,183	0,288

CHR14	900327	CHR14:900327	SSF x LoA	-5,878	0,133	0,292
CHR14	9003715	CHR14:9003715	SSF x LoA	-8,609	0,126	0,290
CHR14	9003825	CHR14:9003825	SSF x LoA	-7,349	0,133	0,300
CHR14	9003864	CHR14:9003864	SSF x LoA	-6,380	0,136	0,289
CHR14	9004939	CHR14:9004939	SSF x LoA	-6,685	-0,183	0,284
CHR14	9007720	CHR14:9007720	SSF x LoA	-0,137	0,200	0,281
CHR14	9008707	CHR14:9008707	SSF x LoA	-6,214	0,183	0,285
CHR14	9012031	CHR14:9012031	SSF x LoA	-6,654	0,059	0,301
CHR14	9018507	CHR14:9018507	SSF x LoA	-4,785	-0,037	0,290
CHR14	9018694	CHR14:9018694	SSF x LoA	-10,570	-0,031	0,288
CHR14	902821	CHR14:902821	SSF x LoA	-10,347	-0,034	0,305
CHR14	903139	CHR14:903139	SSF x LoA	-8,926	0,042	0,301
CHR14	9031850	CHR14:9031850	SSF x LoA	-8,171	-0,001	0,297
CHR14	9031925	CHR14:9031925	SSF x LoA	-9,431	0,000	0,283
CHR14	9041942	CHR14:9041942	SSF x LoA	-7,751	0,008	0,288
CHR14	9041967	CHR14:9041967	SSF x LoA	-8,522	0,000	0,278
CHR14	9042004	CHR14:9042004	SSF x LoA	-3,254	0,211	0,269
CHR14	9053727	CHR14:9053727	SSF x LoA	-5,168	-0,078	0,302
CHR14	9053748	CHR14:9053748	SSF x LoA	-9,315	-0,054	0,298
CHR14	9053855	CHR14:9053855	SSF x LoA	-7,695	0,039	0,294
CHR14	9091003	CHR14:9091003	SSF x LoA	-6,770	0,121	0,292
CHR14	9107026	CHR14:9107026	SSF x LoA	-9,430	0,059	0,287
CHR14	9120349	CHR14:9120349	SSF x LoA	-9,692	-0,037	0,286
CHR14	9120429	CHR14:9120429	SSF x LoA	-11,756	-0,048	0,271
CHR14	9120631	CHR14:9120631	SSF x LoA	-9,017	-0,022	0,287
CHR14	9121331	CHR14:9121331	SSF x LoA	-7,779	-0,091	0,279
CHR14	9121465	CHR14:9121465	SSF x LoA	-10,299	-0,071	0,282
CHR14	9121476	CHR14:9121476	SSF x LoA	-8,242	0,119	0,288
CHR14	9121481	CHR14:9121481	SSF x LoA	-10,371	-0,082	0,277
CHR14	9121533	CHR14:9121533	SSF x LoA	-9,586	-0,083	0,291
CHR14	9138476	CHR14:9138476	SSF x LoA	-8,448	-0,049	0,271
CHR14	9138480	CHR14:9138480	SSF x LoA	-8,818	0,074	0,296
CHR14	9138513	CHR14:9138513	SSF x LoA	-10,575	-0,070	0,290
CHR14	9145538	CHR14:9145538	SSF x LoA	-10,145	-0,044	0,273
CHR14	9145550	CHR14:9145550	SSF x LoA	-10,770	0,034	0,286
CHR14	9145552	CHR14:9145552	SSF x LoA	-9,523	0,015	0,276
CHR14	9145653	CHR14:9145653	SSF x LoA	-10,587	0,021	0,293
CHR14	9145698	CHR14:9145698	SSF x LoA	-8,657	0,001	0,301
CHR14	9145781	CHR14:9145781	SSF x LoA	-9,590	0,028	0,287
CHR14	9145784	CHR14:9145784	SSF x LoA	2,475	-0,004	0,290
CHR14	9145788	CHR14:9145788	SSF x LoA	-8,515	-0,007	0,281
CHR14	9153546	CHR14:9153546	SSF x LoA	-8,824	-0,072	0,275
CHR14	9153605	CHR14:9153605	SSF x LoA	-7,107	-0,010	0,284
CHR14	9153620	CHR14:9153620	SSF x LoA	-10,533	0,033	0,285
CHR14	9153674	CHR14:9153674	SSF x LoA	-8,938	-0,018	0,290
CHR14	9153705	CHR14:9153705	SSF x LoA	-9,071	-0,076	0,293
CHR14	917859	CHR14:917859	SSF x LoA	-10,286	-0,038	0,292
CHR14	9199522	CHR14:9199522	SSF x LoA	-9,769	0,005	0,274
CHR14	9199566	CHR14:9199566	SSF x LoA	-6,847	-0,110	0,284
CHR14	9199615	CHR14:9199615	SSF x LoA	-10,052	0,091	0,294
CHR14	9203481	CHR14:9203481	SSF x LoA	-6,975	0,061	0,297
CHR14	9203581	CHR14:9203581	SSF x LoA	-8,889	0,045	0,295
CHR14	9203628	CHR14:9203628	SSF x LoA	-8,726	-0,010	0,291

CHR14	9203680	CHR14:9203680	SSF x LoA	-8,614	0,068	0,304
CHR14	9213323	CHR14:9213323	SSF x LoA	-6,465	-0,177	0,264
CHR14	9213367	CHR14:9213367	SSF x LoA	-4,320	-0,192	0,263
CHR14	9213441	CHR14:9213441	SSF x LoA	-6,121	-0,138	0,262
CHR14	9217607	CHR14:9217607	SSF x LoA	-7,354	-0,046	0,303
CHR14	9219000	CHR14:9219000	SSF x LoA	-8,823	0,033	0,282
CHR14	9219032	CHR14:9219032	SSF x LoA	-7,611	-0,193	0,261
CHR14	9221025	CHR14:9221025	SSF x LoA	-11,159	0,122	0,283
CHR14	9221028	CHR14:9221028	SSF x LoA	-6,718	0,137	0,294
CHR14	9221064	CHR14:9221064	SSF x LoA	-8,446	0,103	0,285
CHR14	9221088	CHR14:9221088	SSF x LoA	-8,936	0,126	0,289
CHR14	9229849	CHR14:9229849	SSF x LoA	-9,183	0,071	0,291
CHR14	9251351	CHR14:9251351	SSF x LoA	-5,536	0,110	0,290
CHR14	9251400	CHR14:9251400	SSF x LoA	-7,550	-0,186	0,278
CHR14	9252455	CHR14:9252455	SSF x LoA	-7,709	-0,042	0,293
CHR14	9254416	CHR14:9254416	SSF x LoA	-8,654	-0,089	0,291
CHR14	9254476	CHR14:9254476	SSF x LoA	-9,020	-0,088	0,301
CHR14	9259782	CHR14:9259782	SSF x LoA	-7,926	0,050	0,274
CHR14	9259811	CHR14:9259811	SSF x LoA	-8,279	-0,010	0,277
CHR14	9260893	CHR14:9260893	SSF x LoA	-8,158	0,028	0,288
CHR14	926300	CHR14:926300	SSF x LoA	-11,419	-0,045	0,286
CHR14	926587	CHR14:926587	SSF x LoA	-9,741	-0,051	0,294
CHR14	9270103	CHR14:9270103	SSF x LoA	-7,429	0,108	0,295
CHR14	9273740	CHR14:9273740	SSF x LoA	-10,647	0,058	0,291
CHR14	9273943	CHR14:9273943	SSF x LoA	-8,935	-0,043	0,300
CHR14	9273945	CHR14:9273945	SSF x LoA	-10,030	-0,052	0,284
CHR14	9273953	CHR14:9273953	SSF x LoA	-7,335	-0,015	0,297
CHR14	9273968	CHR14:9273968	SSF x LoA	-9,990	0,055	0,294
CHR14	9280923	CHR14:9280923	SSF x LoA	-9,259	-0,022	0,279
CHR14	9291780	CHR14:9291780	SSF x LoA	-4,500	0,002	0,277
CHR14	9299772	CHR14:9299772	SSF x LoA	-5,145	0,217	0,282
CHR14	9302439	CHR14:9302439	SSF x LoA	-11,061	-0,072	0,297
CHR14	9302566	CHR14:9302566	SSF x LoA	-10,795	-0,077	0,283
CHR14	9302641	CHR14:9302641	SSF x LoA	-8,947	0,098	0,288
CHR14	9310040	CHR14:9310040	SSF x LoA	-8,552	-0,021	0,298
CHR14	9326831	CHR14:9326831	SSF x LoA	-9,748	-0,031	0,281
CHR14	9335569	CHR14:9335569	SSF x LoA	-7,098	0,112	0,279
CHR14	9340374	CHR14:9340374	SSF x LoA	-11,110	-0,021	0,288
CHR14	9340609	CHR14:9340609	SSF x LoA	-8,847	-0,014	0,294
CHR14	935290	CHR14:935290	SSF x LoA	-6,716	-0,149	0,267
CHR14	935324	CHR14:935324	SSF x LoA	-10,893	0,016	0,292
CHR14	935517	CHR14:935517	SSF x LoA	-8,304	-0,076	0,302
CHR14	9367071	CHR14:9367071	SSF x LoA	-9,034	-0,028	0,284
CHR14	9367103	CHR14:9367103	SSF x LoA	-7,234	-0,004	0,309
CHR14	937694	CHR14:937694	SSF x LoA	-9,853	-0,027	0,293
CHR14	937712	CHR14:937712	SSF x LoA	-9,488	0,050	0,285
CHR14	937732	CHR14:937732	SSF x LoA	-3,326	0,184	0,284
CHR14	937777	CHR14:937777	SSF x LoA	-3,739	-0,215	0,280
CHR14	938093	CHR14:938093	SSF x LoA	-6,663	0,144	0,296
CHR14	9412196	CHR14:9412196	SSF x LoA	-7,908	0,062	0,286
CHR14	9412298	CHR14:9412298	SSF x LoA	-10,148	0,079	0,288
CHR14	9412321	CHR14:9412321	SSF x LoA	-9,314	0,069	0,295
CHR14	9420178	CHR14:9420178	SSF x LoA	-8,234	0,028	0,293

CHR14	9421345	CHR14:9421345	SSF x LoA	-6,848	-0,186	0,283
CHR14	9421353	CHR14:9421353	SSF x LoA	-10,498	0,037	0,291
CHR14	9421403	CHR14:9421403	SSF x LoA	-8,344	-0,186	0,273
CHR14	9446365	CHR14:9446365	SSF x LoA	-5,793	-0,163	0,281
CHR14	9447850	CHR14:9447850	SSF x LoA	-9,706	-0,021	0,278
CHR14	9473644	CHR14:9473644	SSF x LoA	-6,359	-0,006	0,292
CHR14	9473737	CHR14:9473737	SSF x LoA	-7,974	-0,009	0,292
CHR14	9479107	CHR14:9479107	SSF x LoA	-10,374	0,036	0,296
CHR14	9485900	CHR14:9485900	SSF x LoA	-10,221	-0,073	0,294
CHR14	9485908	CHR14:9485908	SSF x LoA	-8,978	-0,055	0,289
CHR14	9489794	CHR14:9489794	SSF x LoA	0,550	0,079	0,273
CHR14	9500008	CHR14:9500008	SSF x LoA	-9,594	0,111	0,282
CHR14	9500100	CHR14:9500100	SSF x LoA	-11,787	0,019	0,277
CHR14	9500263	CHR14:9500263	SSF x LoA	-10,330	-0,006	0,293
CHR14	9500365	CHR14:9500365	SSF x LoA	-7,580	-0,106	0,290
CHR14	9500366	CHR14:9500366	SSF x LoA	-10,004	-0,026	0,293
CHR14	9505222	CHR14:9505222	SSF x LoA	-9,366	-0,041	0,300
CHR14	9523371	CHR14:9523371	SSF x LoA	-8,984	-0,068	0,282
CHR14	9523409	CHR14:9523409	SSF x LoA	-9,584	0,096	0,287
CHR14	9523418	CHR14:9523418	SSF x LoA	-7,593	0,023	0,300
CHR14	9525500	CHR14:9525500	SSF x LoA	-10,253	-0,039	0,295
CHR14	9525797	CHR14:9525797	SSF x LoA	-9,503	-0,118	0,290
CHR14	955242	CHR14:955242	SSF x LoA	-7,923	-0,185	0,270
CHR14	9563792	CHR14:9563792	SSF x LoA	-8,148	0,039	0,302
CHR14	9564028	CHR14:9564028	SSF x LoA	-7,689	0,113	0,289
CHR14	9564038	CHR14:9564038	SSF x LoA	-8,587	0,081	0,292
CHR14	9576662	CHR14:9576662	SSF x LoA	-9,364	0,053	0,282
CHR14	9576824	CHR14:9576824	SSF x LoA	-9,439	-0,033	0,288
CHR14	9576862	CHR14:9576862	SSF x LoA	-8,487	-0,093	0,277
CHR14	9576876	CHR14:9576876	SSF x LoA	-8,604	0,080	0,287
CHR14	9576955	CHR14:9576955	SSF x LoA	-9,405	0,083	0,285
CHR14	9586239	CHR14:9586239	SSF x LoA	-9,570	-0,105	0,290
CHR14	9586357	CHR14:9586357	SSF x LoA	-9,627	-0,116	0,292
CHR14	9586451	CHR14:9586451	SSF x LoA	-9,565	-0,067	0,302
CHR14	9586656	CHR14:9586656	SSF x LoA	-7,420	-0,055	0,300
CHR14	9617779	CHR14:9617779	SSF x LoA	-9,512	-0,052	0,285
CHR14	9617995	CHR14:9617995	SSF x LoA	-8,000	-0,053	0,292
CHR14	9621009	CHR14:9621009	SSF x LoA	-7,855	-0,104	0,295
CHR14	962205	CHR14:962205	SSF x LoA	-7,621	0,091	0,303
CHR14	962402	CHR14:962402	SSF x LoA	-8,434	-0,140	0,294
CHR14	9626007	CHR14:9626007	SSF x LoA	-8,877	-0,110	0,294
CHR14	9649193	CHR14:9649193	SSF x LoA	-6,758	0,019	0,287
CHR14	9649221	CHR14:9649221	SSF x LoA	-1,173	0,096	0,288
CHR14	9649356	CHR14:9649356	SSF x LoA	-10,115	0,025	0,300
CHR14	9663165	CHR14:9663165	SSF x LoA	-8,422	-0,130	0,281
CHR14	975818	CHR14:975818	SSF x LoA	-8,896	-0,069	0,284
CHR14	975882	CHR14:975882	SSF x LoA	-9,892	0,081	0,295
CHR14	9777184	CHR14:9777184	SSF x LoA	-9,194	0,016	0,306
CHR14	9788678	CHR14:9788678	SSF x LoA	-9,997	0,091	0,289
CHR14	9788854	CHR14:9788854	SSF x LoA	-9,686	0,130	0,267
CHR14	9821039	CHR14:9821039	SSF x LoA	-7,226	-0,060	0,286
CHR14	9821135	CHR14:9821135	SSF x LoA	-1,427	0,019	0,289
CHR14	9830820	CHR14:9830820	SSF x LoA	-8,789	-0,038	0,293

CHR14	9830863	CHR14:9830863	SSF x LoA	-8,895	0,019	0,272
CHR14	9831000	CHR14:9831000	SSF x LoA	-8,374	0,011	0,292
CHR14	9831065	CHR14:9831065	SSF x LoA	-5,800	0,037	0,298
CHR14	9862131	CHR14:9862131	SSF x LoA	-8,287	-0,060	0,290
CHR14	9862241	CHR14:9862241	SSF x LoA	-2,271	-0,176	0,272
CHR14	9862376	CHR14:9862376	SSF x LoA	-7,276	0,018	0,294
CHR14	9866152	CHR14:9866152	SSF x LoA	-10,499	0,108	0,284
CHR14	9866215	CHR14:9866215	SSF x LoA	-9,352	0,094	0,299
CHR14	9866277	CHR14:9866277	SSF x LoA	-8,222	-0,073	0,290
CHR14	9866317	CHR14:9866317	SSF x LoA	-10,729	-0,073	0,294
CHR14	9878175	CHR14:9878175	SSF x LoA	-8,827	0,066	0,299
CHR14	9878179	CHR14:9878179	SSF x LoA	-10,584	-0,027	0,288
CHR14	9878225	CHR14:9878225	SSF x LoA	-8,488	-0,024	0,298
CHR14	9880946	CHR14:9880946	SSF x LoA	-9,714	0,002	0,283
CHR14	9881008	CHR14:9881008	SSF x LoA	-9,922	-0,012	0,276
CHR14	9883604	CHR14:9883604	SSF x LoA	-8,821	0,062	0,286
CHR14	9883674	CHR14:9883674	SSF x LoA	-8,656	-0,060	0,289
CHR14	9883714	CHR14:9883714	SSF x LoA	2,433	0,225	0,267
CHR14	9901789	CHR14:9901789	SSF x LoA	-7,494	-0,106	0,289
CHR14	9909675	CHR14:9909675	SSF x LoA	-5,669	-0,097	0,299
CHR14	9909677	CHR14:9909677	SSF x LoA	-5,691	-0,126	0,294
CHR14	9909705	CHR14:9909705	SSF x LoA	-5,887	-0,140	0,277
CHR14	9909713	CHR14:9909713	SSF x LoA	-7,754	-0,132	0,269
CHR14	9909741	CHR14:9909741	SSF x LoA	-6,772	-0,102	0,301
CHR14	9909849	CHR14:9909849	SSF x LoA	-4,454	-0,108	0,282
CHR14	9909875	CHR14:9909875	SSF x LoA	-10,247	-0,003	0,295
CHR14	9909879	CHR14:9909879	SSF x LoA	-8,580	-0,095	0,277
CHR14	9909906	CHR14:9909906	SSF x LoA	-7,981	-0,106	0,283
CHR14	9929251	CHR14:9929251	SSF x LoA	-10,104	0,044	0,298
CHR14	9929617	CHR14:9929617	SSF x LoA	-8,668	-0,051	0,288
CHR14	9932011	CHR14:9932011	SSF x LoA	-6,034	0,080	0,286
CHR14	9932063	CHR14:9932063	SSF x LoA	0,748	0,143	0,288
CHR14	9934606	CHR14:9934606	SSF x LoA	-10,113	-0,091	0,287
CHR14	9934663	CHR14:9934663	SSF x LoA	-7,001	0,111	0,292
CHR14	9934707	CHR14:9934707	SSF x LoA	-4,469	0,237	0,286
CHR14	9934715	CHR14:9934715	SSF x LoA	-8,423	-0,032	0,284
CHR14	9934827	CHR14:9934827	SSF x LoA	-7,638	-0,047	0,293
CHR14	9934849	CHR14:9934849	SSF x LoA	-8,933	0,069	0,282
CHR14	9934951	CHR14:9934951	SSF x LoA	-10,305	0,001	0,296
CHR14	9940942	CHR14:9940942	SSF x LoA	-7,592	-0,011	0,293
CHR14	9940964	CHR14:9940964	SSF x LoA	-9,554	0,088	0,278
CHR14	9941121	CHR14:9941121	SSF x LoA	-9,006	0,024	0,296
CHR14	9947992	CHR14:9947992	SSF x LoA	2,584	0,054	0,288
CHR14	9948182	CHR14:9948182	SSF x LoA	-9,007	-0,030	0,294
CHR14	9948194	CHR14:9948194	SSF x LoA	-7,932	-0,001	0,297
CHR14	9972195	CHR14:9972195	SSF x LoA	-3,959	-0,090	0,278
CHR14	9974108	CHR14:9974108	SSF x LoA	-9,104	-0,066	0,286
CHR14	9978089	CHR14:9978089	SSF x LoA	-5,517	-0,230	0,266
CHR14	9978268	CHR14:9978268	SSF x LoA	-6,432	-0,145	0,274
CHR14	9991965	CHR14:9991965	SSF x LoA	-9,563	0,133	0,290
CHR14	9992109	CHR14:9992109	SSF x LoA	-10,311	-0,058	0,298
CHR14	9992154	CHR14:9992154	SSF x LoA	-5,971	-0,183	0,278
CHR15	1E+07	CHR15:10013065	SSF x LoA	-8,171	-0,083	0,289

CHR15	1E+07	CHR15:10013221	SSF x LoA	-8,410	-0,096	0,273
CHR15	1E+07	CHR15:1002681C	SSF x LoA	-7,774	-0,076	0,287
CHR15	1E+07	CHR15:10026876	SSF x LoA	-10,319	-0,026	0,292
CHR15	1E+07	CHR15:10026928	SSF x LoA	-9,836	-0,042	0,279
CHR15	1E+07	CHR15:10026929	SSF x LoA	-9,431	-0,058	0,269
CHR15	1E+07	CHR15:10026932	SSF x LoA	-9,976	-0,029	0,274
CHR15	1E+07	CHR15:10031897	SSF x LoA	-8,223	-0,042	0,289
CHR15	1E+07	CHR15:1003190C	SSF x LoA	-7,539	-0,027	0,292
CHR15	1E+07	CHR15:10031945	SSF x LoA	-1,593	-0,219	0,265
CHR15	1E+07	CHR15:10037148	SSF x LoA	-4,440	-0,006	0,290
CHR15	1E+07	CHR15:10061411	SSF x LoA	-9,889	0,038	0,290
CHR15	1E+07	CHR15:10061699	SSF x LoA	-10,211	0,033	0,278
CHR15	1E+07	CHR15:1006170C	SSF x LoA	-8,357	0,050	0,293
CHR15	1E+07	CHR15:10061713	SSF x LoA	-7,545	0,052	0,289
CHR15	1E+07	CHR15:10061717	SSF x LoA	-9,045	0,065	0,283
CHR15	1E+07	CHR15:10078237	SSF x LoA	-8,612	-0,010	0,292
CHR15	1E+07	CHR15:10085508	SSF x LoA	-6,011	-0,093	0,284
CHR15	1E+07	CHR15:10085715	SSF x LoA	-8,586	0,167	0,284
CHR15	1E+07	CHR15:10088319	SSF x LoA	-10,056	-0,101	0,265
CHR15	1E+07	CHR15:1008857C	SSF x LoA	-9,723	-0,035	0,302
CHR15	1E+07	CHR15:1008862C	SSF x LoA	-9,169	-0,036	0,289
CHR15	1E+07	CHR15:10091112	SSF x LoA	-8,135	0,056	0,281
CHR15	1E+07	CHR15:10101732	SSF x LoA	-6,722	-0,096	0,291
CHR15	1E+07	CHR15:10101896	SSF x LoA	-7,765	-0,046	0,296
CHR15	1E+07	CHR15:10101925	SSF x LoA	-11,709	0,003	0,289
CHR15	1E+07	CHR15:10102043	SSF x LoA	-9,686	0,020	0,291
CHR15	1E+07	CHR15:10106466	SSF x LoA	-9,588	-0,025	0,292
CHR15	1E+07	CHR15:1013795C	SSF x LoA	-9,844	-0,053	0,293
CHR15	1E+07	CHR15:10139033	SSF x LoA	-4,151	0,062	0,294
CHR15	1E+07	CHR15:10148477	SSF x LoA	-5,690	0,062	0,286
CHR15	1E+07	CHR15:10148482	SSF x LoA	-8,444	-0,008	0,278
CHR15	1E+07	CHR15:10148566	SSF x LoA	-6,519	-0,083	0,287
CHR15	1E+07	CHR15:1016501C	SSF x LoA	-7,886	0,144	0,281
CHR15	1E+07	CHR15:10165096	SSF x LoA	-10,839	-0,014	0,283
CHR15	1E+07	CHR15:10165299	SSF x LoA	-6,582	0,140	0,284
CHR15	1E+07	CHR15:10165332	SSF x LoA	-7,251	0,047	0,292
CHR15	1E+07	CHR15:10165362	SSF x LoA	-0,260	0,175	0,275
CHR15	1021992	CHR15:1021992	SSF x LoA	-9,628	-0,136	0,267
CHR15	1022277	CHR15:1022277	SSF x LoA	4,743	-0,054	0,294
CHR15	1E+07	CHR15:10226484	SSF x LoA	-9,965	-0,018	0,297
CHR15	1E+07	CHR15:1023096C	SSF x LoA	-7,730	0,000	0,299
CHR15	1E+07	CHR15:10231052	SSF x LoA	-8,640	0,055	0,292
CHR15	1E+07	CHR15:10231147	SSF x LoA	-0,338	-0,235	0,278
CHR15	1E+07	CHR15:10232564	SSF x LoA	-8,526	-0,061	0,296
CHR15	1E+07	CHR15:10232638	SSF x LoA	-10,649	0,038	0,278
CHR15	1E+07	CHR15:10280359	SSF x LoA	-10,074	-0,059	0,278
CHR15	1E+07	CHR15:10280363	SSF x LoA	-8,138	0,022	0,297
CHR15	1E+07	CHR15:1028038C	SSF x LoA	-10,381	-0,098	0,285
CHR15	1E+07	CHR15:10280453	SSF x LoA	-11,494	-0,032	0,279
CHR15	1E+07	CHR15:10280554	SSF x LoA	-6,308	-0,170	0,272
CHR15	1E+07	CHR15:1028410C	SSF x LoA	-8,811	-0,159	0,282
CHR15	1E+07	CHR15:10289487	SSF x LoA	-7,437	0,147	0,287
CHR15	1E+07	CHR15:10289507	SSF x LoA	-5,732	0,186	0,284

CHR15	1E+07	CHR15:10289514	SSF x LoA	-7,713	-0,109	0,303
CHR15	1E+07	CHR15:10289542	SSF x LoA	-7,787	0,147	0,281
CHR15	1E+07	CHR15:10300104	SSF x LoA	-9,700	0,037	0,290
CHR15	1E+07	CHR15:10300123	SSF x LoA	-8,020	0,009	0,295
CHR15	1E+07	CHR15:10300126	SSF x LoA	-7,472	-0,012	0,291
CHR15	1E+07	CHR15:10300178	SSF x LoA	-6,174	-0,070	0,286
CHR15	1E+07	CHR15:10300180	SSF x LoA	-9,147	-0,119	0,298
CHR15	1E+07	CHR15:10300194	SSF x LoA	-8,777	-0,018	0,294
CHR15	1E+07	CHR15:10300207	SSF x LoA	-9,293	-0,117	0,285
CHR15	1E+07	CHR15:10322339	SSF x LoA	-8,650	-0,112	0,280
CHR15	1E+07	CHR15:10335052	SSF x LoA	-8,528	-0,002	0,300
CHR15	1034380	CHR15:1034380	SSF x LoA	-7,921	0,037	0,286
CHR15	1034504	CHR15:1034504	SSF x LoA	-8,055	-0,009	0,291
CHR15	1034519	CHR15:1034519	SSF x LoA	-3,190	0,230	0,285
CHR15	1E+07	CHR15:10346232	SSF x LoA	-6,903	-0,137	0,279
CHR15	1E+07	CHR15:10346262	SSF x LoA	-10,036	-0,036	0,282
CHR15	1E+07	CHR15:10348239	SSF x LoA	-5,917	-0,146	0,280
CHR15	1E+07	CHR15:10370251	SSF x LoA	-10,314	0,047	0,280
CHR15	1E+07	CHR15:10384194	SSF x LoA	-10,820	-0,076	0,287
CHR15	1E+07	CHR15:10393029	SSF x LoA	-7,858	0,018	0,293
CHR15	1040717	CHR15:1040717	SSF x LoA	-5,043	0,166	0,280
CHR15	1040727	CHR15:1040727	SSF x LoA	-8,232	0,105	0,300
CHR15	1E+07	CHR15:10407791	SSF x LoA	-8,232	0,063	0,276
CHR15	1E+07	CHR15:10407812	SSF x LoA	-10,517	-0,053	0,279
CHR15	1040841	CHR15:1040841	SSF x LoA	-9,181	0,066	0,286
CHR15	1040906	CHR15:1040906	SSF x LoA	-9,681	0,039	0,281
CHR15	1E+07	CHR15:10413554	SSF x LoA	-7,599	-0,088	0,286
CHR15	1E+07	CHR15:10425312	SSF x LoA	-7,270	0,100	0,267
CHR15	1E+07	CHR15:10435835	SSF x LoA	-7,876	0,096	0,293
CHR15	1E+07	CHR15:10435978	SSF x LoA	-10,041	0,041	0,298
CHR15	1E+07	CHR15:10440640	SSF x LoA	-8,325	0,088	0,286
CHR15	1E+07	CHR15:10443227	SSF x LoA	-8,732	0,025	0,289
CHR15	1E+07	CHR15:10443282	SSF x LoA	-9,670	-0,011	0,291
CHR15	1E+07	CHR15:10444981	SSF x LoA	-9,078	-0,012	0,287
CHR15	1E+07	CHR15:10445498	SSF x LoA	-6,583	0,127	0,287
CHR15	1E+07	CHR15:10448564	SSF x LoA	-6,382	0,001	0,301
CHR15	1E+07	CHR15:10455027	SSF x LoA	-7,153	0,015	0,300
CHR15	1E+07	CHR15:10455043	SSF x LoA	-8,607	0,015	0,302
CHR15	1E+07	CHR15:10463993	SSF x LoA	-8,078	-0,084	0,262
CHR15	1E+07	CHR15:10471101	SSF x LoA	-9,163	-0,056	0,279
CHR15	10515647	CHR15:10515647	SSF x LoA	-9,075	0,024	0,296
CHR15	10515702	CHR15:10515702	SSF x LoA	-10,295	-0,061	0,282
CHR15	10515774	CHR15:10515774	SSF x LoA	-7,601	-0,063	0,286
CHR15	10538306	CHR15:10538306	SSF x LoA	-10,258	0,047	0,271
CHR15	10538355	CHR15:10538355	SSF x LoA	-9,687	0,075	0,297
CHR15	10538368	CHR15:10538368	SSF x LoA	-8,746	-0,016	0,296
CHR15	10540354	CHR15:10540354	SSF x LoA	-8,849	0,019	0,286
CHR15	10540376	CHR15:10540376	SSF x LoA	-9,416	-0,108	0,287
CHR15	10547021	CHR15:10547021	SSF x LoA	-8,808	0,111	0,294
CHR15	10547171	CHR15:10547171	SSF x LoA	-10,113	-0,021	0,289
CHR15	10549906	CHR15:10549906	SSF x LoA	-9,688	-0,017	0,286
CHR15	10549924	CHR15:10549924	SSF x LoA	-5,971	-0,154	0,284
CHR15	10551984	CHR15:10551984	SSF x LoA	-7,334	-0,085	0,285

CHR15	10557683	CHR15:10557683	SSF x LoA	-7,898	0,024	0,290
CHR15	10557807	CHR15:10557807	SSF x LoA	-7,695	0,111	0,290
CHR15	10557860	CHR15:10557860	SSF x LoA	-8,634	-0,024	0,266
CHR15	10561480	CHR15:10561480	SSF x LoA	-10,236	0,061	0,299
CHR15	10561503	CHR15:10561503	SSF x LoA	-10,416	-0,042	0,288
CHR15	10561504	CHR15:10561504	SSF x LoA	-9,281	-0,073	0,287
CHR15	10562861	CHR15:10562861	SSF x LoA	-8,346	-0,155	0,284
CHR15	10562914	CHR15:10562914	SSF x LoA	-10,447	-0,006	0,281
CHR15	10563040	CHR15:10563040	SSF x LoA	-9,631	0,054	0,290
CHR15	10569387	CHR15:10569387	SSF x LoA	-6,665	0,062	0,277
CHR15	10569731	CHR15:10569731	SSF x LoA	-9,431	-0,021	0,271
CHR15	10590173	CHR15:10590173	SSF x LoA	-7,698	-0,104	0,289
CHR15	10590178	CHR15:10590178	SSF x LoA	-6,996	-0,115	0,295
CHR15	10595361	CHR15:10595361	SSF x LoA	-9,478	0,061	0,297
CHR15	10595398	CHR15:10595398	SSF x LoA	-8,741	-0,032	0,294
CHR15	10595449	CHR15:10595449	SSF x LoA	-8,784	-0,053	0,290
CHR15	10595606	CHR15:10595606	SSF x LoA	-3,505	-0,140	0,291
CHR15	10597176	CHR15:10597176	SSF x LoA	-8,113	0,057	0,305
CHR15	10600716	CHR15:10600716	SSF x LoA	-10,209	0,122	0,271
CHR15	10630669	CHR15:10630669	SSF x LoA	-2,047	0,211	0,285
CHR15	10630885	CHR15:10630885	SSF x LoA	-11,153	0,089	0,276
CHR15	10639017	CHR15:10639017	SSF x LoA	-8,951	0,001	0,290
CHR15	10639078	CHR15:10639078	SSF x LoA	-10,281	-0,068	0,290
CHR15	10639190	CHR15:10639190	SSF x LoA	-7,508	-0,104	0,283
CHR15	10639314	CHR15:10639314	SSF x LoA	-7,976	0,017	0,305
CHR15	10645531	CHR15:10645531	SSF x LoA	-9,607	0,021	0,292
CHR15	10645778	CHR15:10645778	SSF x LoA	-8,259	-0,161	0,293
CHR15	10647109	CHR15:10647109	SSF x LoA	-6,294	0,160	0,269
CHR15	10647170	CHR15:10647170	SSF x LoA	-7,680	0,137	0,271
CHR15	10653035	CHR15:10653035	SSF x LoA	-8,225	-0,174	0,275
CHR15	10653047	CHR15:10653047	SSF x LoA	-8,073	0,040	0,295
CHR15	10672572	CHR15:10672572	SSF x LoA	-8,461	-0,030	0,294
CHR15	10672603	CHR15:10672603	SSF x LoA	-9,223	-0,061	0,290
CHR15	10672790	CHR15:10672790	SSF x LoA	-8,180	0,043	0,297
CHR15	10672834	CHR15:10672834	SSF x LoA	-7,130	-0,128	0,301
CHR15	10672857	CHR15:10672857	SSF x LoA	-8,237	0,000	0,306
CHR15	10672860	CHR15:10672860	SSF x LoA	-8,671	-0,007	0,286
CHR15	10672900	CHR15:10672900	SSF x LoA	-9,482	-0,006	0,287
CHR15	10693164	CHR15:10693164	SSF x LoA	-8,466	-0,045	0,291
CHR15	10693228	CHR15:10693228	SSF x LoA	-7,777	-0,034	0,293
CHR15	10724364	CHR15:10724364	SSF x LoA	-3,007	0,080	0,285
CHR15	10747308	CHR15:10747308	SSF x LoA	-8,846	0,032	0,277
CHR15	10758003	CHR15:10758003	SSF x LoA	-7,825	-0,015	0,282
CHR15	10758020	CHR15:10758020	SSF x LoA	-5,837	-0,004	0,305
CHR15	10758031	CHR15:10758031	SSF x LoA	-6,834	0,002	0,290
CHR15	10758164	CHR15:10758164	SSF x LoA	-9,073	0,004	0,281
CHR15	10758276	CHR15:10758276	SSF x LoA	-7,198	-0,075	0,298
CHR15	10758280	CHR15:10758280	SSF x LoA	-7,425	-0,084	0,290
CHR15	10760309	CHR15:10760309	SSF x LoA	-9,880	-0,036	0,293
CHR15	10780273	CHR15:10780273	SSF x LoA	-7,842	0,103	0,273
CHR15	10791991	CHR15:10791991	SSF x LoA	-6,771	0,133	0,280
CHR15	10798703	CHR15:10798703	SSF x LoA	-5,493	-0,115	0,293
CHR15	10884378	CHR15:10884378	SSF x LoA	-8,497	0,151	0,281

CHR15	10893160	CHR15:1089316(	SSF x LoA	-9,056	0,075	0,286
CHR15	10893161	CHR15:10893161	SSF x LoA	-9,304	-0,001	0,291
CHR15	1089706	CHR15:1089706	SSF x LoA	-7,952	0,053	0,294
CHR15	1089759	CHR15:1089759	SSF x LoA	-11,114	-0,037	0,269
CHR15	1089865	CHR15:1089865	SSF x LoA	-7,293	0,084	0,274
CHR15	109035	CHR15:109035	SSF x LoA	-9,055	0,055	0,283
CHR15	10904022	CHR15:10904022	SSF x LoA	-7,762	0,151	0,282
CHR15	109078	CHR15:109078	SSF x LoA	-7,299	0,020	0,296
CHR15	10909150	CHR15:1090915(	SSF x LoA	-7,720	-0,095	0,281
CHR15	10909232	CHR15:10909232	SSF x LoA	-5,953	0,095	0,281
CHR15	10909247	CHR15:10909247	SSF x LoA	-5,749	0,074	0,296
CHR15	10909258	CHR15:10909258	SSF x LoA	-8,907	0,074	0,289
CHR15	10909261	CHR15:10909261	SSF x LoA	-9,481	-0,003	0,287
CHR15	10918560	CHR15:1091856(	SSF x LoA	-10,164	0,025	0,291
CHR15	10921578	CHR15:10921578	SSF x LoA	-9,915	-0,001	0,293
CHR15	10932719	CHR15:10932719	SSF x LoA	-5,465	-0,073	0,281
CHR15	10940850	CHR15:1094085(	SSF x LoA	-11,087	0,020	0,281
CHR15	10940857	CHR15:10940857	SSF x LoA	-7,076	0,085	0,301
CHR15	10941029	CHR15:10941029	SSF x LoA	-3,586	0,168	0,286
CHR15	1098451	CHR15:1098451	SSF x LoA	-6,174	0,103	0,297
CHR15	10986483	CHR15:10986483	SSF x LoA	-8,392	-0,065	0,293
CHR15	11017626	CHR15:11017626	SSF x LoA	-10,501	0,091	0,292
CHR15	11040798	CHR15:11040798	SSF x LoA	-9,832	0,051	0,282
CHR15	11041074	CHR15:11041074	SSF x LoA	-8,199	0,014	0,296
CHR15	11053101	CHR15:11053101	SSF x LoA	-8,756	0,091	0,291
CHR15	11053112	CHR15:11053112	SSF x LoA	-7,009	-0,103	0,282
CHR15	11072279	CHR15:11072279	SSF x LoA	-10,207	-0,136	0,281
CHR15	11072491	CHR15:11072491	SSF x LoA	-8,706	0,032	0,282
CHR15	11096814	CHR15:11096814	SSF x LoA	-6,237	-0,040	0,303
CHR15	11097000	CHR15:1109700(	SSF x LoA	-8,128	0,029	0,281
CHR15	11097045	CHR15:11097045	SSF x LoA	-8,553	0,076	0,281
CHR15	11097234	CHR15:11097234	SSF x LoA	-8,686	-0,058	0,298
CHR15	11097239	CHR15:11097239	SSF x LoA	-9,033	-0,019	0,295
CHR15	11119360	CHR15:1111936(	SSF x LoA	-9,389	0,075	0,281
CHR15	11119380	CHR15:1111938(	SSF x LoA	-6,119	0,199	0,292
CHR15	11119401	CHR15:11119401	SSF x LoA	1,545	0,178	0,298
CHR15	11123898	CHR15:11123898	SSF x LoA	-9,272	0,113	0,299
CHR15	11129958	CHR15:11129958	SSF x LoA	-8,042	-0,044	0,279
CHR15	1113747	CHR15:1113747	SSF x LoA	-8,528	0,000	0,295
CHR15	1113748	CHR15:1113748	SSF x LoA	-7,962	0,008	0,300
CHR15	1113779	CHR15:1113779	SSF x LoA	-8,265	0,032	0,281
CHR15	1113810	CHR15:1113810	SSF x LoA	-5,046	0,082	0,285
CHR15	1113830	CHR15:1113830	SSF x LoA	-11,710	-0,011	0,279
CHR15	1113882	CHR15:1113882	SSF x LoA	-7,310	-0,068	0,299
CHR15	11138821	CHR15:11138821	SSF x LoA	-7,396	0,038	0,272
CHR15	11138899	CHR15:11138899	SSF x LoA	-7,888	0,013	0,274
CHR15	11139171	CHR15:11139171	SSF x LoA	-11,458	0,038	0,282
CHR15	11146988	CHR15:11146988	SSF x LoA	-10,455	0,082	0,294
CHR15	11147124	CHR15:11147124	SSF x LoA	-10,867	0,041	0,286
CHR15	11157295	CHR15:11157295	SSF x LoA	-5,703	-0,237	0,287
CHR15	11157298	CHR15:11157298	SSF x LoA	1,602	-0,148	0,270
CHR15	11157389	CHR15:11157389	SSF x LoA	-9,638	0,069	0,300
CHR15	11164197	CHR15:11164197	SSF x LoA	-6,226	-0,128	0,274

CHR15	11169745	CHR15:11169745	SSF x LoA	-11,186	0,036	0,297
CHR15	11202634	CHR15:11202634	SSF x LoA	-7,010	-0,021	0,294
CHR15	11202908	CHR15:11202908	SSF x LoA	-8,984	0,082	0,295
CHR15	1121016	CHR15:1121016	SSF x LoA	-7,119	-0,065	0,296
CHR15	1121044	CHR15:1121044	SSF x LoA	-11,394	-0,017	0,296
CHR15	1121879	CHR15:1121879	SSF x LoA	-10,003	-0,128	0,266
CHR15	11254343	CHR15:11254343	SSF x LoA	-10,712	0,030	0,288
CHR15	11327878	CHR15:11327878	SSF x LoA	-8,778	-0,120	0,278
CHR15	1135055	CHR15:1135055	SSF x LoA	-8,985	0,001	0,276
CHR15	1135132	CHR15:1135132	SSF x LoA	-9,229	0,084	0,311
CHR15	1135149	CHR15:1135149	SSF x LoA	-10,759	0,045	0,288
CHR15	1136286	CHR15:1136286	SSF x LoA	-11,487	0,031	0,284
CHR15	11366219	CHR15:11366219	SSF x LoA	-8,799	0,000	0,291
CHR15	11367211	CHR15:11367211	SSF x LoA	-6,847	-0,193	0,285
CHR15	11369229	CHR15:11369229	SSF x LoA	-8,725	-0,173	0,285
CHR15	11375842	CHR15:11375842	SSF x LoA	9,134	-0,198	0,285
CHR15	11375843	CHR15:11375843	SSF x LoA	-7,979	-0,191	0,290
CHR15	11396550	CHR15:11396550	SSF x LoA	-4,183	0,179	0,270
CHR15	11402129	CHR15:11402129	SSF x LoA	-7,116	0,058	0,285
CHR15	11405159	CHR15:11405159	SSF x LoA	-9,386	-0,147	0,290
CHR15	11405700	CHR15:11405700	SSF x LoA	-8,272	0,135	0,287
CHR15	1141408	CHR15:1141408	SSF x LoA	-9,659	-0,018	0,295
CHR15	1141421	CHR15:1141421	SSF x LoA	-7,837	0,024	0,293
CHR15	1141431	CHR15:1141431	SSF x LoA	-9,408	0,013	0,286
CHR15	1164127	CHR15:1164127	SSF x LoA	-8,184	-0,038	0,287
CHR15	1164235	CHR15:1164235	SSF x LoA	-7,120	-0,052	0,298
CHR15	1164269	CHR15:1164269	SSF x LoA	-9,390	-0,046	0,306
CHR15	1164292	CHR15:1164292	SSF x LoA	-10,408	-0,041	0,287
CHR15	1164398	CHR15:1164398	SSF x LoA	-11,026	-0,094	0,295
CHR15	1178399	CHR15:1178399	SSF x LoA	-10,424	0,012	0,307
CHR15	1210801	CHR15:1210801	SSF x LoA	-9,605	0,102	0,287
CHR15	1210841	CHR15:1210841	SSF x LoA	-9,506	-0,060	0,299
CHR15	1216668	CHR15:1216668	SSF x LoA	-10,084	-0,066	0,287
CHR15	1216689	CHR15:1216689	SSF x LoA	-0,632	0,124	0,296
CHR15	1216728	CHR15:1216728	SSF x LoA	0,748	-0,134	0,293
CHR15	1216729	CHR15:1216729	SSF x LoA	-0,569	0,143	0,281
CHR15	1216738	CHR15:1216738	SSF x LoA	-9,698	-0,075	0,291
CHR15	1226707	CHR15:1226707	SSF x LoA	-9,400	-0,037	0,286
CHR15	1226867	CHR15:1226867	SSF x LoA	-8,914	-0,003	0,302
CHR15	1227017	CHR15:1227017	SSF x LoA	-9,310	0,015	0,289
CHR15	1233507	CHR15:1233507	SSF x LoA	-10,209	-0,011	0,269
CHR15	1233551	CHR15:1233551	SSF x LoA	-5,077	-0,270	0,265
CHR15	1233612	CHR15:1233612	SSF x LoA	-7,247	-0,222	0,263
CHR15	1233743	CHR15:1233743	SSF x LoA	-5,758	-0,168	0,261
CHR15	1255917	CHR15:1255917	SSF x LoA	-8,485	-0,016	0,313
CHR15	1256048	CHR15:1256048	SSF x LoA	-7,093	0,008	0,281
CHR15	1256103	CHR15:1256103	SSF x LoA	-9,454	0,042	0,272
CHR15	1259894	CHR15:1259894	SSF x LoA	-7,442	-0,130	0,283
CHR15	1259931	CHR15:1259931	SSF x LoA	-7,862	-0,034	0,286
CHR15	1273562	CHR15:1273562	SSF x LoA	-3,796	-0,035	0,293
CHR15	1276175	CHR15:1276175	SSF x LoA	-5,726	-0,085	0,292
CHR15	1303712	CHR15:1303712	SSF x LoA	-6,696	0,094	0,287
CHR15	1303770	CHR15:1303770	SSF x LoA	-8,130	-0,075	0,286

CHR15	1364271	CHR15:1364271	SSF x LoA	-7,632	0,044	0,293
CHR15	1364374	CHR15:1364374	SSF x LoA	-7,790	0,011	0,290
CHR15	1364417	CHR15:1364417	SSF x LoA	-7,990	0,093	0,280
CHR15	1364496	CHR15:1364496	SSF x LoA	-9,575	0,061	0,294
CHR15	1364541	CHR15:1364541	SSF x LoA	-9,640	0,039	0,304
CHR15	1364577	CHR15:1364577	SSF x LoA	-9,932	0,028	0,305
CHR15	1375121	CHR15:1375121	SSF x LoA	-8,285	0,130	0,285
CHR15	1375127	CHR15:1375127	SSF x LoA	-8,767	-0,022	0,282
CHR15	1375203	CHR15:1375203	SSF x LoA	-11,006	0,012	0,295
CHR15	1375352	CHR15:1375352	SSF x LoA	-8,532	-0,052	0,281
CHR15	1375434	CHR15:1375434	SSF x LoA	-7,915	0,044	0,275
CHR15	1375435	CHR15:1375435	SSF x LoA	-8,224	-0,012	0,281
CHR15	1472206	CHR15:1472206	SSF x LoA	-7,685	-0,062	0,284
CHR15	1472462	CHR15:1472462	SSF x LoA	-11,917	-0,055	0,286
CHR15	1472479	CHR15:1472479	SSF x LoA	-8,044	0,021	0,290
CHR15	1472590	CHR15:1472590	SSF x LoA	-9,228	0,039	0,316
CHR15	1472599	CHR15:1472599	SSF x LoA	-8,999	0,093	0,291
CHR15	1479894	CHR15:1479894	SSF x LoA	-5,525	-0,223	0,287
CHR15	1479951	CHR15:1479951	SSF x LoA	-6,083	-0,075	0,317
CHR15	1489696	CHR15:1489696	SSF x LoA	-7,260	-0,039	0,288
CHR15	1489724	CHR15:1489724	SSF x LoA	-11,061	-0,049	0,278
CHR15	1489732	CHR15:1489732	SSF x LoA	-2,579	0,085	0,288
CHR15	1489736	CHR15:1489736	SSF x LoA	-8,866	0,070	0,295
CHR15	1497572	CHR15:1497572	SSF x LoA	-9,874	0,058	0,282
CHR15	1497635	CHR15:1497635	SSF x LoA	-7,728	-0,124	0,284
CHR15	1497694	CHR15:1497694	SSF x LoA	-11,075	-0,056	0,284
CHR15	1497695	CHR15:1497695	SSF x LoA	-10,231	-0,033	0,286
CHR15	1514771	CHR15:1514771	SSF x LoA	-8,074	-0,022	0,300
CHR15	1515007	CHR15:1515007	SSF x LoA	-9,878	-0,021	0,293
CHR15	1522250	CHR15:1522250	SSF x LoA	-7,337	-0,136	0,274
CHR15	1528608	CHR15:1528608	SSF x LoA	-8,923	-0,015	0,285
CHR15	1531286	CHR15:1531286	SSF x LoA	-6,024	-0,017	0,304
CHR15	1562490	CHR15:1562490	SSF x LoA	-9,164	-0,051	0,289
CHR15	1579651	CHR15:1579651	SSF x LoA	-8,811	0,048	0,287
CHR15	1579659	CHR15:1579659	SSF x LoA	-9,158	0,052	0,299
CHR15	1579672	CHR15:1579672	SSF x LoA	-10,098	0,009	0,277
CHR15	1579684	CHR15:1579684	SSF x LoA	-9,855	0,112	0,294
CHR15	1579732	CHR15:1579732	SSF x LoA	-5,422	-0,066	0,294
CHR15	1602079	CHR15:1602079	SSF x LoA	-8,018	-0,006	0,288
CHR15	1602091	CHR15:1602091	SSF x LoA	-7,508	-0,083	0,299
CHR15	1602111	CHR15:1602111	SSF x LoA	-7,164	-0,117	0,291
CHR15	1602120	CHR15:1602120	SSF x LoA	-6,383	-0,129	0,293
CHR15	1602176	CHR15:1602176	SSF x LoA	-7,023	-0,007	0,297
CHR15	1615461	CHR15:1615461	SSF x LoA	-4,438	-0,095	0,288
CHR15	1687155	CHR15:1687155	SSF x LoA	-10,329	0,043	0,293
CHR15	1687168	CHR15:1687168	SSF x LoA	-10,850	-0,072	0,281
CHR15	1687234	CHR15:1687234	SSF x LoA	-10,257	-0,054	0,277
CHR15	1698892	CHR15:1698892	SSF x LoA	-6,173	0,048	0,300
CHR15	1698970	CHR15:1698970	SSF x LoA	-9,350	0,024	0,285
CHR15	1699043	CHR15:1699043	SSF x LoA	-9,957	-0,048	0,274
CHR15	1701963	CHR15:1701963	SSF x LoA	-8,231	-0,117	0,290
CHR15	1702008	CHR15:1702008	SSF x LoA	-10,707	0,102	0,279
CHR15	1702019	CHR15:1702019	SSF x LoA	-5,312	-0,189	0,265

CHR15	1702037	CHR15:1702037	SSF x LoA	-5,675	0,175	0,283
CHR15	1702136	CHR15:1702136	SSF x LoA	-3,029	0,245	0,272
CHR15	1702144	CHR15:1702144	SSF x LoA	-4,389	0,228	0,271
CHR15	1702168	CHR15:1702168	SSF x LoA	-4,830	0,255	0,270
CHR15	1702229	CHR15:1702229	SSF x LoA	-1,859	-0,331	0,258
CHR15	1705785	CHR15:1705785	SSF x LoA	-7,295	0,060	0,292
CHR15	1711633	CHR15:1711633	SSF x LoA	-7,511	0,094	0,283
CHR15	1711643	CHR15:1711643	SSF x LoA	-9,795	-0,030	0,300
CHR15	1711686	CHR15:1711686	SSF x LoA	-7,717	0,044	0,296
CHR15	1711717	CHR15:1711717	SSF x LoA	-8,600	-0,063	0,284
CHR15	1711729	CHR15:1711729	SSF x LoA	-11,387	0,060	0,275
CHR15	1728356	CHR15:1728356	SSF x LoA	-8,663	0,047	0,294
CHR15	1728418	CHR15:1728418	SSF x LoA	-1,124	-0,164	0,280
CHR15	1728577	CHR15:1728577	SSF x LoA	-8,483	0,049	0,277
CHR15	1733089	CHR15:1733089	SSF x LoA	-8,419	0,082	0,302
CHR15	1733314	CHR15:1733314	SSF x LoA	-8,580	0,057	0,272
CHR15	1733345	CHR15:1733345	SSF x LoA	-4,327	0,003	0,283
CHR15	1733348	CHR15:1733348	SSF x LoA	-7,228	0,034	0,290
CHR15	1759214	CHR15:1759214	SSF x LoA	-8,092	0,082	0,295
CHR15	1763732	CHR15:1763732	SSF x LoA	-9,100	-0,049	0,285
CHR15	1763970	CHR15:1763970	SSF x LoA	-6,821	0,031	0,298
CHR15	1769990	CHR15:1769990	SSF x LoA	-10,562	-0,074	0,290
CHR15	1772971	CHR15:1772971	SSF x LoA	-8,757	-0,023	0,309
CHR15	1773001	CHR15:1773001	SSF x LoA	-10,286	0,021	0,303
CHR15	1773216	CHR15:1773216	SSF x LoA	-10,720	-0,014	0,279
CHR15	1775479	CHR15:1775479	SSF x LoA	-8,852	0,137	0,299
CHR15	1775597	CHR15:1775597	SSF x LoA	-9,958	-0,041	0,284
CHR15	1775672	CHR15:1775672	SSF x LoA	-9,059	0,081	0,281
CHR15	1810097	CHR15:1810097	SSF x LoA	-8,736	0,003	0,301
CHR15	1810181	CHR15:1810181	SSF x LoA	-8,007	0,040	0,305
CHR15	1810247	CHR15:1810247	SSF x LoA	-8,785	0,000	0,281
CHR15	1810253	CHR15:1810253	SSF x LoA	-7,364	-0,155	0,280
CHR15	1810257	CHR15:1810257	SSF x LoA	-11,916	-0,026	0,282
CHR15	1830498	CHR15:1830498	SSF x LoA	-8,155	0,004	0,298
CHR15	1830641	CHR15:1830641	SSF x LoA	-9,297	-0,042	0,284
CHR15	1833599	CHR15:1833599	SSF x LoA	-9,778	0,025	0,295
CHR15	1833798	CHR15:1833798	SSF x LoA	-8,680	-0,076	0,285
CHR15	1833809	CHR15:1833809	SSF x LoA	-8,041	0,085	0,291
CHR15	1833844	CHR15:1833844	SSF x LoA	-8,648	-0,056	0,299
CHR15	1847410	CHR15:1847410	SSF x LoA	-7,338	-0,002	0,288
CHR15	1847425	CHR15:1847425	SSF x LoA	-6,131	0,126	0,293
CHR15	1847482	CHR15:1847482	SSF x LoA	-6,829	0,065	0,283
CHR15	1872336	CHR15:1872336	SSF x LoA	-10,111	0,017	0,292
CHR15	1875832	CHR15:1875832	SSF x LoA	-5,545	-0,056	0,289
CHR15	1875934	CHR15:1875934	SSF x LoA	-8,334	0,158	0,285
CHR15	1924935	CHR15:1924935	SSF x LoA	-8,109	-0,015	0,305
CHR15	1933400	CHR15:1933400	SSF x LoA	-9,077	0,059	0,291
CHR15	1944330	CHR15:1944330	SSF x LoA	-7,375	-0,137	0,271
CHR15	1944338	CHR15:1944338	SSF x LoA	-7,764	0,077	0,293
CHR15	1944356	CHR15:1944356	SSF x LoA	-0,309	-0,139	0,290
CHR15	1944403	CHR15:1944403	SSF x LoA	-11,007	0,025	0,280
CHR15	1962886	CHR15:1962886	SSF x LoA	-8,973	-0,034	0,277
CHR15	1962909	CHR15:1962909	SSF x LoA	-7,713	0,027	0,281

CHR15	1962928	CHR15:1962928	SSF x LoA	-6,924	0,017	0,280
CHR15	1962941	CHR15:1962941	SSF x LoA	-5,401	0,107	0,298
CHR15	1968825	CHR15:1968825	SSF x LoA	-7,315	-0,202	0,267
CHR15	1971466	CHR15:1971466	SSF x LoA	-6,841	0,150	0,288
CHR15	1974227	CHR15:1974227	SSF x LoA	-8,523	0,056	0,297
CHR15	1976135	CHR15:1976135	SSF x LoA	-9,324	0,020	0,294
CHR15	1976375	CHR15:1976375	SSF x LoA	-8,317	-0,011	0,302
CHR15	1988931	CHR15:1988931	SSF x LoA	-8,603	-0,067	0,297
CHR15	1988940	CHR15:1988940	SSF x LoA	-7,434	-0,037	0,285
CHR15	1988958	CHR15:1988958	SSF x LoA	-8,933	-0,007	0,289
CHR15	1989028	CHR15:1989028	SSF x LoA	-8,597	0,119	0,275
CHR15	1989099	CHR15:1989099	SSF x LoA	-11,002	0,049	0,285
CHR15	1989104	CHR15:1989104	SSF x LoA	-1,887	0,060	0,303
CHR15	2007212	CHR15:2007212	SSF x LoA	-9,920	0,043	0,295
CHR15	2015245	CHR15:2015245	SSF x LoA	-8,480	0,009	0,301
CHR15	2021731	CHR15:2021731	SSF x LoA	-8,704	-0,084	0,284
CHR15	2026282	CHR15:2026282	SSF x LoA	-10,986	0,036	0,289
CHR15	2030882	CHR15:2030882	SSF x LoA	-9,395	-0,048	0,291
CHR15	2047882	CHR15:2047882	SSF x LoA	-3,679	0,089	0,293
CHR15	2047887	CHR15:2047887	SSF x LoA	-8,922	0,022	0,284
CHR15	2047909	CHR15:2047909	SSF x LoA	-7,896	0,024	0,289
CHR15	2047914	CHR15:2047914	SSF x LoA	-7,156	0,043	0,284
CHR15	2047959	CHR15:2047959	SSF x LoA	-9,877	-0,064	0,279
CHR15	2047978	CHR15:2047978	SSF x LoA	-6,715	-0,077	0,283
CHR15	2048010	CHR15:2048010	SSF x LoA	-9,399	0,035	0,290
CHR15	2048018	CHR15:2048018	SSF x LoA	-8,337	0,009	0,303
CHR15	2048254	CHR15:2048254	SSF x LoA	-10,488	0,012	0,299
CHR15	2048338	CHR15:2048338	SSF x LoA	-6,797	-0,084	0,299
CHR15	2048451	CHR15:2048451	SSF x LoA	-9,282	0,076	0,288
CHR15	2052949	CHR15:2052949	SSF x LoA	-9,044	-0,011	0,271
CHR15	2052999	CHR15:2052999	SSF x LoA	-3,673	-0,133	0,280
CHR15	2055218	CHR15:2055218	SSF x LoA	-2,217	0,244	0,274
CHR15	2078155	CHR15:2078155	SSF x LoA	-8,657	-0,191	0,268
CHR15	2078196	CHR15:2078196	SSF x LoA	-8,839	0,015	0,301
CHR15	2078242	CHR15:2078242	SSF x LoA	-8,746	-0,093	0,299
CHR15	2092325	CHR15:2092325	SSF x LoA	-7,666	-0,122	0,294
CHR15	2092432	CHR15:2092432	SSF x LoA	-8,950	0,066	0,289
CHR15	2116051	CHR15:2116051	SSF x LoA	-8,221	-0,095	0,276
CHR15	2116173	CHR15:2116173	SSF x LoA	-10,155	-0,063	0,283
CHR15	2116284	CHR15:2116284	SSF x LoA	-10,888	-0,025	0,284
CHR15	2116291	CHR15:2116291	SSF x LoA	-9,784	-0,066	0,293
CHR15	2116328	CHR15:2116328	SSF x LoA	-5,877	-0,153	0,292
CHR15	2116333	CHR15:2116333	SSF x LoA	-3,104	-0,121	0,287
CHR15	2116344	CHR15:2116344	SSF x LoA	-8,401	-0,179	0,276
CHR15	2122272	CHR15:2122272	SSF x LoA	-8,735	-0,013	0,285
CHR15	2122331	CHR15:2122331	SSF x LoA	-8,860	-0,052	0,289
CHR15	2122372	CHR15:2122372	SSF x LoA	-8,440	-0,043	0,300
CHR15	2122379	CHR15:2122379	SSF x LoA	-9,714	-0,059	0,282
CHR15	2138092	CHR15:2138092	SSF x LoA	-10,439	0,066	0,292
CHR15	2150683	CHR15:2150683	SSF x LoA	-8,815	-0,004	0,298
CHR15	2150756	CHR15:2150756	SSF x LoA	-8,490	-0,011	0,298
CHR15	2151629	CHR15:2151629	SSF x LoA	-8,576	0,106	0,293
CHR15	2151641	CHR15:2151641	SSF x LoA	-8,793	0,069	0,285

CHR15	2183797	CHR15:2183797	SSF x LoA	-11,092	0,012	0,288
CHR15	2195629	CHR15:2195629	SSF x LoA	-11,272	0,044	0,285
CHR15	2208367	CHR15:2208367	SSF x LoA	-8,902	0,015	0,300
CHR15	2208434	CHR15:2208434	SSF x LoA	-6,998	-0,031	0,300
CHR15	2208522	CHR15:2208522	SSF x LoA	-8,274	0,029	0,299
CHR15	2208554	CHR15:2208554	SSF x LoA	-8,101	0,074	0,280
CHR15	2208594	CHR15:2208594	SSF x LoA	-8,283	0,085	0,302
CHR15	2213783	CHR15:2213783	SSF x LoA	-8,837	-0,028	0,283
CHR15	2213804	CHR15:2213804	SSF x LoA	-9,865	-0,030	0,287
CHR15	2213827	CHR15:2213827	SSF x LoA	-8,289	0,061	0,267
CHR15	2213883	CHR15:2213883	SSF x LoA	-6,968	0,099	0,292
CHR15	2213916	CHR15:2213916	SSF x LoA	-5,577	-0,143	0,268
CHR15	2232129	CHR15:2232129	SSF x LoA	-8,076	-0,061	0,286
CHR15	2232212	CHR15:2232212	SSF x LoA	-7,002	0,015	0,300
CHR15	2232317	CHR15:2232317	SSF x LoA	-8,306	-0,071	0,274
CHR15	2232439	CHR15:2232439	SSF x LoA	-9,071	-0,057	0,294
CHR15	2232499	CHR15:2232499	SSF x LoA	-10,309	0,041	0,306
CHR15	2232505	CHR15:2232505	SSF x LoA	-8,997	-0,025	0,287
CHR15	2252929	CHR15:2252929	SSF x LoA	-8,304	-0,082	0,289
CHR15	2266177	CHR15:2266177	SSF x LoA	-10,583	-0,115	0,281
CHR15	2290068	CHR15:2290068	SSF x LoA	-7,664	0,057	0,299
CHR15	2324430	CHR15:2324430	SSF x LoA	-7,372	0,054	0,287
CHR15	2324455	CHR15:2324455	SSF x LoA	-7,743	0,057	0,293
CHR15	2324457	CHR15:2324457	SSF x LoA	-10,832	0,039	0,280
CHR15	2324483	CHR15:2324483	SSF x LoA	-8,950	-0,015	0,305
CHR15	2324521	CHR15:2324521	SSF x LoA	-9,927	-0,083	0,290
CHR15	2324573	CHR15:2324573	SSF x LoA	-8,638	-0,143	0,294
CHR15	2324613	CHR15:2324613	SSF x LoA	-8,447	0,040	0,301
CHR15	2336774	CHR15:2336774	SSF x LoA	-8,027	-0,078	0,294
CHR15	2336867	CHR15:2336867	SSF x LoA	-8,358	-0,033	0,276
CHR15	2336873	CHR15:2336873	SSF x LoA	-8,283	-0,061	0,284
CHR15	2341865	CHR15:2341865	SSF x LoA	-10,345	0,123	0,279
CHR15	2357453	CHR15:2357453	SSF x LoA	-8,959	0,008	0,288
CHR15	2357454	CHR15:2357454	SSF x LoA	-11,247	-0,065	0,282
CHR15	2357539	CHR15:2357539	SSF x LoA	-8,605	-0,031	0,294
CHR15	2370764	CHR15:2370764	SSF x LoA	-7,351	-0,064	0,285
CHR15	2370782	CHR15:2370782	SSF x LoA	-4,603	0,136	0,293
CHR15	2370812	CHR15:2370812	SSF x LoA	-6,295	0,037	0,290
CHR15	2370818	CHR15:2370818	SSF x LoA	-10,389	-0,045	0,286
CHR15	2370828	CHR15:2370828	SSF x LoA	-8,921	-0,080	0,292
CHR15	2370837	CHR15:2370837	SSF x LoA	-9,596	-0,081	0,284
CHR15	2371014	CHR15:2371014	SSF x LoA	-8,061	-0,120	0,280
CHR15	2371020	CHR15:2371020	SSF x LoA	-8,971	-0,021	0,281
CHR15	2371036	CHR15:2371036	SSF x LoA	-8,944	-0,022	0,278
CHR15	2371188	CHR15:2371188	SSF x LoA	-8,361	0,131	0,277
CHR15	2383228	CHR15:2383228	SSF x LoA	-8,773	0,029	0,284
CHR15	2383393	CHR15:2383393	SSF x LoA	-7,270	0,067	0,304
CHR15	2383423	CHR15:2383423	SSF x LoA	-6,937	-0,026	0,288
CHR15	2386967	CHR15:2386967	SSF x LoA	-6,888	0,071	0,304
CHR15	2386973	CHR15:2386973	SSF x LoA	-8,995	0,164	0,271
CHR15	2387015	CHR15:2387015	SSF x LoA	-8,433	-0,031	0,290
CHR15	238783	CHR15:238783	SSF x LoA	-5,075	0,053	0,290
CHR15	2388769	CHR15:2388769	SSF x LoA	-9,654	-0,010	0,297

CHR15	2388797	CHR15:2388797	SSF x LoA	-8,802	-0,068	0,298
CHR15	2388809	CHR15:2388809	SSF x LoA	-6,127	0,033	0,283
CHR15	2388810	CHR15:2388810	SSF x LoA	-9,067	-0,007	0,281
CHR15	239002	CHR15:239002	SSF x LoA	-10,633	0,115	0,283
CHR15	2390618	CHR15:2390618	SSF x LoA	-9,145	-0,085	0,285
CHR15	2391067	CHR15:2391067	SSF x LoA	-3,495	0,184	0,285
CHR15	2391117	CHR15:2391117	SSF x LoA	-10,511	-0,003	0,276
CHR15	2391125	CHR15:2391125	SSF x LoA	-7,203	0,172	0,299
CHR15	2395239	CHR15:2395239	SSF x LoA	-10,304	-0,003	0,306
CHR15	2395242	CHR15:2395242	SSF x LoA	-7,609	0,096	0,301
CHR15	2397042	CHR15:2397042	SSF x LoA	-8,483	-0,044	0,281
CHR15	2404344	CHR15:2404344	SSF x LoA	-8,745	-0,045	0,270
CHR15	2404475	CHR15:2404475	SSF x LoA	-9,879	-0,069	0,303
CHR15	2404484	CHR15:2404484	SSF x LoA	-6,001	0,045	0,301
CHR15	2407938	CHR15:2407938	SSF x LoA	-7,179	-0,106	0,284
CHR15	2407975	CHR15:2407975	SSF x LoA	-7,370	0,163	0,294
CHR15	2407998	CHR15:2407998	SSF x LoA	-4,905	-0,078	0,279
CHR15	2413770	CHR15:2413770	SSF x LoA	-9,401	0,047	0,286
CHR15	2413807	CHR15:2413807	SSF x LoA	-11,238	-0,003	0,292
CHR15	2422017	CHR15:2422017	SSF x LoA	-11,227	0,057	0,296
CHR15	2422140	CHR15:2422140	SSF x LoA	2,785	0,010	0,290
CHR15	242315	CHR15:242315	SSF x LoA	-9,792	0,123	0,297
CHR15	242355	CHR15:242355	SSF x LoA	-3,289	0,123	0,290
CHR15	242381	CHR15:242381	SSF x LoA	-7,482	0,012	0,305
CHR15	242470	CHR15:242470	SSF x LoA	-9,567	0,046	0,294
CHR15	2432614	CHR15:2432614	SSF x LoA	-9,400	0,077	0,282
CHR15	2432677	CHR15:2432677	SSF x LoA	-7,715	0,091	0,284
CHR15	2432697	CHR15:2432697	SSF x LoA	-8,444	0,072	0,290
CHR15	2432805	CHR15:2432805	SSF x LoA	-7,567	0,078	0,271
CHR15	2432861	CHR15:2432861	SSF x LoA	-7,435	0,049	0,284
CHR15	2432877	CHR15:2432877	SSF x LoA	-7,662	0,004	0,293
CHR15	2442868	CHR15:2442868	SSF x LoA	-4,314	-0,113	0,289
CHR15	2442893	CHR15:2442893	SSF x LoA	-8,481	-0,004	0,297
CHR15	2442899	CHR15:2442899	SSF x LoA	-7,713	-0,132	0,277
CHR15	2442958	CHR15:2442958	SSF x LoA	-11,011	0,024	0,292
CHR15	2442983	CHR15:2442983	SSF x LoA	-10,430	-0,014	0,290
CHR15	2468514	CHR15:2468514	SSF x LoA	-11,619	0,005	0,273
CHR15	2468538	CHR15:2468538	SSF x LoA	-9,284	-0,116	0,280
CHR15	2468629	CHR15:2468629	SSF x LoA	-10,924	0,030	0,300
CHR15	2468741	CHR15:2468741	SSF x LoA	-10,360	0,098	0,285
CHR15	2475023	CHR15:2475023	SSF x LoA	-6,806	0,134	0,285
CHR15	2484015	CHR15:2484015	SSF x LoA	-6,933	0,042	0,304
CHR15	2484051	CHR15:2484051	SSF x LoA	-7,750	0,039	0,294
CHR15	2484247	CHR15:2484247	SSF x LoA	-9,640	-0,009	0,277
CHR15	2490017	CHR15:2490017	SSF x LoA	-9,415	0,064	0,283
CHR15	2541890	CHR15:2541890	SSF x LoA	-7,832	-0,026	0,275
CHR15	2541918	CHR15:2541918	SSF x LoA	-7,318	0,006	0,282
CHR15	2542007	CHR15:2542007	SSF x LoA	-12,119	-0,050	0,280
CHR15	2542119	CHR15:2542119	SSF x LoA	-8,035	-0,129	0,278
CHR15	2542128	CHR15:2542128	SSF x LoA	-8,123	-0,029	0,277
CHR15	2554158	CHR15:2554158	SSF x LoA	-9,669	-0,005	0,276
CHR15	2554159	CHR15:2554159	SSF x LoA	-9,509	-0,066	0,281
CHR15	2554292	CHR15:2554292	SSF x LoA	-3,316	0,093	0,295

CHR15	2556515	CHR15:2556515	SSF x LoA	-9,935	-0,028	0,293
CHR15	2561464	CHR15:2561464	SSF x LoA	-4,762	-0,014	0,299
CHR15	2561469	CHR15:2561469	SSF x LoA	-7,074	-0,171	0,284
CHR15	2561538	CHR15:2561538	SSF x LoA	-7,535	-0,046	0,284
CHR15	2561563	CHR15:2561563	SSF x LoA	-10,522	0,014	0,302
CHR15	2561593	CHR15:2561593	SSF x LoA	-9,912	-0,058	0,284
CHR15	2565340	CHR15:2565340	SSF x LoA	-10,329	-0,066	0,287
CHR15	2565354	CHR15:2565354	SSF x LoA	-10,212	-0,015	0,295
CHR15	2568507	CHR15:2568507	SSF x LoA	-10,951	0,038	0,297
CHR15	2572851	CHR15:2572851	SSF x LoA	-8,522	0,026	0,285
CHR15	2572929	CHR15:2572929	SSF x LoA	-9,567	-0,042	0,278
CHR15	2576248	CHR15:2576248	SSF x LoA	-9,803	0,064	0,305
CHR15	2576253	CHR15:2576253	SSF x LoA	-8,647	0,004	0,290
CHR15	2576283	CHR15:2576283	SSF x LoA	-9,933	0,096	0,287
CHR15	2576308	CHR15:2576308	SSF x LoA	-8,492	0,084	0,270
CHR15	2576313	CHR15:2576313	SSF x LoA	-8,274	0,014	0,293
CHR15	2576321	CHR15:2576321	SSF x LoA	-8,058	0,044	0,296
CHR15	2576434	CHR15:2576434	SSF x LoA	-8,011	0,035	0,283
CHR15	2576482	CHR15:2576482	SSF x LoA	-7,795	-0,076	0,294
CHR15	2576516	CHR15:2576516	SSF x LoA	-8,263	-0,010	0,302
CHR15	2587776	CHR15:2587776	SSF x LoA	-7,676	0,043	0,297
CHR15	2588514	CHR15:2588514	SSF x LoA	-9,481	-0,066	0,277
CHR15	2588552	CHR15:2588552	SSF x LoA	-7,921	0,072	0,308
CHR15	2588613	CHR15:2588613	SSF x LoA	-8,864	0,155	0,281
CHR15	2588622	CHR15:2588622	SSF x LoA	-9,760	0,006	0,279
CHR15	2591562	CHR15:2591562	SSF x LoA	-9,946	0,082	0,278
CHR15	2591594	CHR15:2591594	SSF x LoA	-7,409	0,044	0,299
CHR15	2591610	CHR15:2591610	SSF x LoA	-2,783	0,031	0,287
CHR15	2591611	CHR15:2591611	SSF x LoA	-7,780	0,027	0,287
CHR15	2591619	CHR15:2591619	SSF x LoA	-10,378	0,141	0,280
CHR15	2609797	CHR15:2609797	SSF x LoA	-6,427	-0,162	0,274
CHR15	2609842	CHR15:2609842	SSF x LoA	-10,234	0,004	0,285
CHR15	2609872	CHR15:2609872	SSF x LoA	-5,689	-0,184	0,295
CHR15	2609932	CHR15:2609932	SSF x LoA	-10,172	-0,020	0,298
CHR15	2610026	CHR15:2610026	SSF x LoA	-2,115	0,020	0,276
CHR15	2615538	CHR15:2615538	SSF x LoA	-7,179	-0,058	0,300
CHR15	2615563	CHR15:2615563	SSF x LoA	-8,101	-0,077	0,297
CHR15	2622995	CHR15:2622995	SSF x LoA	-9,591	0,135	0,279
CHR15	2623154	CHR15:2623154	SSF x LoA	-6,785	0,019	0,275
CHR15	2624707	CHR15:2624707	SSF x LoA	-8,945	-0,021	0,278
CHR15	2624735	CHR15:2624735	SSF x LoA	-0,919	-0,102	0,285
CHR15	2624913	CHR15:2624913	SSF x LoA	-7,820	0,095	0,299
CHR15	2626728	CHR15:2626728	SSF x LoA	-8,313	0,134	0,291
CHR15	2626732	CHR15:2626732	SSF x LoA	-10,524	0,116	0,292
CHR15	2626750	CHR15:2626750	SSF x LoA	-8,948	0,186	0,279
CHR15	2626876	CHR15:2626876	SSF x LoA	-3,057	0,140	0,285
CHR15	2626884	CHR15:2626884	SSF x LoA	-6,638	0,097	0,279
CHR15	2626890	CHR15:2626890	SSF x LoA	-8,615	0,031	0,292
CHR15	2626896	CHR15:2626896	SSF x LoA	-9,882	0,068	0,285
CHR15	2737817	CHR15:2737817	SSF x LoA	-1,428	0,206	0,286
CHR15	2739681	CHR15:2739681	SSF x LoA	-9,638	-0,006	0,285
CHR15	2739684	CHR15:2739684	SSF x LoA	-9,708	-0,011	0,295
CHR15	2739694	CHR15:2739694	SSF x LoA	-10,118	-0,118	0,273

CHR15	2739713	CHR15:2739713	SSF x LoA	-8,288	-0,031	0,297
CHR15	2739715	CHR15:2739715	SSF x LoA	-6,826	-0,070	0,277
CHR15	2739872	CHR15:2739872	SSF x LoA	-5,936	0,156	0,285
CHR15	2750031	CHR15:2750031	SSF x LoA	-8,389	-0,041	0,300
CHR15	2750046	CHR15:2750046	SSF x LoA	-7,241	-0,185	0,278
CHR15	2750338	CHR15:2750338	SSF x LoA	-7,817	-0,090	0,280
CHR15	2756669	CHR15:2756669	SSF x LoA	-10,177	0,055	0,299
CHR15	2756878	CHR15:2756878	SSF x LoA	-6,128	-0,060	0,308
CHR15	2757022	CHR15:2757022	SSF x LoA	-10,410	0,046	0,288
CHR15	2757023	CHR15:2757023	SSF x LoA	-8,482	0,042	0,297
CHR15	2757025	CHR15:2757025	SSF x LoA	-6,214	0,058	0,300
CHR15	2757027	CHR15:2757027	SSF x LoA	-9,083	0,035	0,292
CHR15	2762874	CHR15:2762874	SSF x LoA	-8,117	0,110	0,294
CHR15	2763054	CHR15:2763054	SSF x LoA	-7,902	0,025	0,291
CHR15	2763128	CHR15:2763128	SSF x LoA	-10,913	-0,097	0,279
CHR15	2763142	CHR15:2763142	SSF x LoA	-8,274	0,006	0,274
CHR15	2763169	CHR15:2763169	SSF x LoA	-7,549	-0,054	0,273
CHR15	2769873	CHR15:2769873	SSF x LoA	-11,378	-0,034	0,282
CHR15	2770100	CHR15:2770100	SSF x LoA	-9,567	0,082	0,270
CHR15	2770191	CHR15:2770191	SSF x LoA	-7,336	-0,118	0,308
CHR15	2770876	CHR15:2770876	SSF x LoA	-9,011	-0,044	0,299
CHR15	2770897	CHR15:2770897	SSF x LoA	-8,244	-0,029	0,287
CHR15	2770901	CHR15:2770901	SSF x LoA	-8,695	0,105	0,282
CHR15	2770969	CHR15:2770969	SSF x LoA	-8,574	-0,027	0,293
CHR15	2771016	CHR15:2771016	SSF x LoA	-1,869	-0,120	0,291
CHR15	2771075	CHR15:2771075	SSF x LoA	-8,442	0,040	0,282
CHR15	2780646	CHR15:2780646	SSF x LoA	-5,102	-0,176	0,276
CHR15	2781047	CHR15:2781047	SSF x LoA	-7,951	0,078	0,292
CHR15	2781054	CHR15:2781054	SSF x LoA	-5,921	0,083	0,303
CHR15	2781064	CHR15:2781064	SSF x LoA	-2,277	0,230	0,273
CHR15	2802433	CHR15:2802433	SSF x LoA	-8,445	0,149	0,286
CHR15	2802462	CHR15:2802462	SSF x LoA	-1,626	-0,077	0,294
CHR15	2802518	CHR15:2802518	SSF x LoA	-8,918	-0,005	0,287
CHR15	2810126	CHR15:2810126	SSF x LoA	-7,346	0,138	0,278
CHR15	2810134	CHR15:2810134	SSF x LoA	3,193	0,145	0,267
CHR15	2810153	CHR15:2810153	SSF x LoA	-8,285	0,114	0,258
CHR15	2810273	CHR15:2810273	SSF x LoA	-7,771	0,055	0,278
CHR15	2810284	CHR15:2810284	SSF x LoA	-9,642	-0,020	0,293
CHR15	2810290	CHR15:2810290	SSF x LoA	-8,470	0,014	0,288
CHR15	2810298	CHR15:2810298	SSF x LoA	-9,019	-0,002	0,298
CHR15	2810317	CHR15:2810317	SSF x LoA	-8,765	-0,018	0,300
CHR15	2810319	CHR15:2810319	SSF x LoA	-6,389	-0,030	0,304
CHR15	2810320	CHR15:2810320	SSF x LoA	-5,458	-0,011	0,305
CHR15	2810323	CHR15:2810323	SSF x LoA	-7,839	-0,029	0,308
CHR15	2810326	CHR15:2810326	SSF x LoA	-9,757	-0,023	0,296
CHR15	2810335	CHR15:2810335	SSF x LoA	-7,194	-0,077	0,280
CHR15	281407	CHR15:281407	SSF x LoA	-11,783	-0,041	0,277
CHR15	281409	CHR15:281409	SSF x LoA	-9,311	-0,076	0,296
CHR15	281462	CHR15:281462	SSF x LoA	-9,955	-0,054	0,292
CHR15	281494	CHR15:281494	SSF x LoA	-10,377	-0,013	0,284
CHR15	281687	CHR15:281687	SSF x LoA	-10,292	-0,023	0,289
CHR15	283501	CHR15:283501	SSF x LoA	-9,868	-0,031	0,280
CHR15	284029	CHR15:284029	SSF x LoA	-10,520	-0,074	0,285

CHR15	284109	CHR15:284109	SSF x LoA	-10,714	-0,053	0,292
CHR15	2892292	CHR15:2892292	SSF x LoA	-10,184	0,110	0,290
CHR15	2892449	CHR15:2892449	SSF x LoA	-10,713	-0,055	0,286
CHR15	2895990	CHR15:2895990	SSF x LoA	-7,791	-0,108	0,267
CHR15	2905846	CHR15:2905846	SSF x LoA	-9,367	0,064	0,289
CHR15	2905849	CHR15:2905849	SSF x LoA	-9,522	0,036	0,275
CHR15	2905926	CHR15:2905926	SSF x LoA	-6,782	-0,122	0,298
CHR15	2905949	CHR15:2905949	SSF x LoA	-9,265	-0,039	0,281
CHR15	2906065	CHR15:2906065	SSF x LoA	-8,638	-0,084	0,274
CHR15	2909358	CHR15:2909358	SSF x LoA	-8,669	0,016	0,290
CHR15	2920614	CHR15:2920614	SSF x LoA	-8,325	0,044	0,285
CHR15	2920627	CHR15:2920627	SSF x LoA	-8,441	-0,006	0,285
CHR15	2955883	CHR15:2955883	SSF x LoA	-7,980	0,047	0,295
CHR15	2955885	CHR15:2955885	SSF x LoA	-2,207	0,031	0,301
CHR15	2955918	CHR15:2955918	SSF x LoA	-7,240	0,079	0,302
CHR15	2955960	CHR15:2955960	SSF x LoA	-5,369	0,008	0,290
CHR15	2956041	CHR15:2956041	SSF x LoA	-11,114	-0,002	0,296
CHR15	2956059	CHR15:2956059	SSF x LoA	-7,209	0,140	0,275
CHR15	2956074	CHR15:2956074	SSF x LoA	-6,479	-0,056	0,296
CHR15	2956078	CHR15:2956078	SSF x LoA	-5,777	0,116	0,308
CHR15	2956080	CHR15:2956080	SSF x LoA	-10,980	0,007	0,298
CHR15	2956083	CHR15:2956083	SSF x LoA	-7,917	-0,101	0,300
CHR15	2956125	CHR15:2956125	SSF x LoA	-10,201	-0,043	0,279
CHR15	2956137	CHR15:2956137	SSF x LoA	-10,591	-0,050	0,282
CHR15	296321	CHR15:296321	SSF x LoA	-9,304	-0,033	0,309
CHR15	2966196	CHR15:2966196	SSF x LoA	-7,910	-0,049	0,292
CHR15	2966336	CHR15:2966336	SSF x LoA	-7,554	-0,122	0,294
CHR15	2969204	CHR15:2969204	SSF x LoA	-7,918	0,140	0,288
CHR15	2969228	CHR15:2969228	SSF x LoA	-8,005	-0,084	0,297
CHR15	2969252	CHR15:2969252	SSF x LoA	-10,324	-0,072	0,294
CHR15	2973175	CHR15:2973175	SSF x LoA	-9,089	-0,042	0,283
CHR15	2978343	CHR15:2978343	SSF x LoA	-10,347	0,081	0,287
CHR15	2982655	CHR15:2982655	SSF x LoA	-8,235	0,056	0,265
CHR15	2982739	CHR15:2982739	SSF x LoA	-11,057	0,070	0,277
CHR15	2982832	CHR15:2982832	SSF x LoA	-7,063	-0,086	0,287
CHR15	2989639	CHR15:2989639	SSF x LoA	-9,778	-0,028	0,279
CHR15	2990884	CHR15:2990884	SSF x LoA	-8,914	0,018	0,288
CHR15	2991031	CHR15:2991031	SSF x LoA	-9,385	-0,058	0,299
CHR15	2991077	CHR15:2991077	SSF x LoA	-8,870	-0,121	0,306
CHR15	2991082	CHR15:2991082	SSF x LoA	-8,462	0,042	0,303
CHR15	2999701	CHR15:2999701	SSF x LoA	-8,042	-0,047	0,301
CHR15	2999711	CHR15:2999711	SSF x LoA	-8,530	-0,072	0,294
CHR15	3004140	CHR15:3004140	SSF x LoA	-8,721	0,106	0,287
CHR15	3004524	CHR15:3004524	SSF x LoA	-7,574	0,087	0,290
CHR15	3052361	CHR15:3052361	SSF x LoA	-5,398	-0,062	0,301
CHR15	3055323	CHR15:3055323	SSF x LoA	-11,095	-0,018	0,282
CHR15	3056727	CHR15:3056727	SSF x LoA	-9,344	-0,035	0,288
CHR15	3056974	CHR15:3056974	SSF x LoA	-10,718	-0,075	0,293
CHR15	3056979	CHR15:3056979	SSF x LoA	-9,336	0,038	0,286
CHR15	3062286	CHR15:3062286	SSF x LoA	-8,145	0,022	0,299
CHR15	3062321	CHR15:3062321	SSF x LoA	-3,453	0,075	0,301
CHR15	3062364	CHR15:3062364	SSF x LoA	-9,512	0,034	0,288
CHR15	3062447	CHR15:3062447	SSF x LoA	-6,323	0,050	0,287

CHR15	3062544	CHR15:3062544	SSF x LoA	-8,351	0,082	0,299
CHR15	3074957	CHR15:3074957	SSF x LoA	-8,123	-0,007	0,302
CHR15	3089095	CHR15:3089095	SSF x LoA	-9,854	0,029	0,295
CHR15	3089115	CHR15:3089115	SSF x LoA	-8,467	-0,018	0,289
CHR15	3090707	CHR15:3090707	SSF x LoA	-7,920	0,009	0,292
CHR15	3090821	CHR15:3090821	SSF x LoA	-10,492	-0,006	0,296
CHR15	3093005	CHR15:3093005	SSF x LoA	-8,219	0,034	0,290
CHR15	3093033	CHR15:3093033	SSF x LoA	-6,959	0,133	0,294
CHR15	3093146	CHR15:3093146	SSF x LoA	-7,986	-0,012	0,306
CHR15	3096502	CHR15:3096502	SSF x LoA	-9,649	-0,007	0,296
CHR15	3106951	CHR15:3106951	SSF x LoA	-9,345	0,012	0,289
CHR15	3106985	CHR15:3106985	SSF x LoA	-9,598	-0,086	0,295
CHR15	3108784	CHR15:3108784	SSF x LoA	-0,498	0,068	0,295
CHR15	3118590	CHR15:3118590	SSF x LoA	-8,839	0,090	0,295
CHR15	3118634	CHR15:3118634	SSF x LoA	-7,479	0,141	0,289
CHR15	3118656	CHR15:3118656	SSF x LoA	-7,690	-0,137	0,288
CHR15	3118708	CHR15:3118708	SSF x LoA	-5,695	-0,090	0,295
CHR15	3141513	CHR15:3141513	SSF x LoA	-7,980	0,110	0,306
CHR15	3141525	CHR15:3141525	SSF x LoA	-11,794	-0,023	0,282
CHR15	3145070	CHR15:3145070	SSF x LoA	-9,663	-0,081	0,288
CHR15	3159942	CHR15:3159942	SSF x LoA	-8,708	-0,020	0,284
CHR15	3159945	CHR15:3159945	SSF x LoA	-8,792	-0,159	0,278
CHR15	3160024	CHR15:3160024	SSF x LoA	-9,298	-0,048	0,281
CHR15	3160076	CHR15:3160076	SSF x LoA	-1,871	0,138	0,297
CHR15	3168262	CHR15:3168262	SSF x LoA	-4,465	0,202	0,275
CHR15	3170240	CHR15:3170240	SSF x LoA	-11,006	0,062	0,297
CHR15	3180855	CHR15:3180855	SSF x LoA	-10,066	-0,039	0,281
CHR15	3201656	CHR15:3201656	SSF x LoA	-1,772	-0,231	0,269
CHR15	3203757	CHR15:3203757	SSF x LoA	-8,899	-0,007	0,297
CHR15	3203859	CHR15:3203859	SSF x LoA	-9,849	-0,098	0,285
CHR15	3203935	CHR15:3203935	SSF x LoA	-8,181	0,080	0,301
CHR15	3217821	CHR15:3217821	SSF x LoA	-8,928	-0,112	0,278
CHR15	3219395	CHR15:3219395	SSF x LoA	-8,115	0,035	0,292
CHR15	3219554	CHR15:3219554	SSF x LoA	-8,032	-0,017	0,296
CHR15	3221152	CHR15:3221152	SSF x LoA	-9,035	0,062	0,296
CHR15	3224050	CHR15:3224050	SSF x LoA	-10,242	0,028	0,288
CHR15	3224242	CHR15:3224242	SSF x LoA	-3,452	-0,143	0,294
CHR15	3231246	CHR15:3231246	SSF x LoA	-9,434	-0,014	0,314
CHR15	3231490	CHR15:3231490	SSF x LoA	-9,255	0,001	0,293
CHR15	3231670	CHR15:3231670	SSF x LoA	-10,820	0,018	0,291
CHR15	3242751	CHR15:3242751	SSF x LoA	-7,749	0,144	0,280
CHR15	3245834	CHR15:3245834	SSF x LoA	-3,175	0,015	0,294
CHR15	3245842	CHR15:3245842	SSF x LoA	-11,162	-0,015	0,284
CHR15	3246934	CHR15:3246934	SSF x LoA	-5,235	-0,031	0,312
CHR15	3247061	CHR15:3247061	SSF x LoA	-8,805	0,028	0,281
CHR15	3276688	CHR15:3276688	SSF x LoA	-10,068	0,058	0,288
CHR15	3278639	CHR15:3278639	SSF x LoA	-10,228	0,078	0,299
CHR15	3284948	CHR15:3284948	SSF x LoA	-6,076	0,133	0,288
CHR15	3284986	CHR15:3284986	SSF x LoA	-9,521	-0,117	0,280
CHR15	3285892	CHR15:3285892	SSF x LoA	-8,973	-0,022	0,297
CHR15	3285901	CHR15:3285901	SSF x LoA	-7,988	-0,097	0,283
CHR15	3285914	CHR15:3285914	SSF x LoA	-9,926	-0,005	0,273
CHR15	3285934	CHR15:3285934	SSF x LoA	-8,575	-0,077	0,296

CHR15	3285937	CHR15:3285937	SSF x LoA	-7,327	0,062	0,284
CHR15	3286051	CHR15:3286051	SSF x LoA	-6,234	-0,148	0,293
CHR15	3305411	CHR15:3305411	SSF x LoA	-7,831	0,060	0,290
CHR15	3305447	CHR15:3305447	SSF x LoA	-10,172	0,049	0,301
CHR15	3310061	CHR15:3310061	SSF x LoA	-9,980	-0,061	0,293
CHR15	3318540	CHR15:3318540	SSF x LoA	-9,807	0,044	0,299
CHR15	3322072	CHR15:3322072	SSF x LoA	-10,270	-0,128	0,286
CHR15	3322075	CHR15:3322075	SSF x LoA	-6,490	-0,122	0,292
CHR15	3322124	CHR15:3322124	SSF x LoA	-10,583	0,078	0,280
CHR15	3322134	CHR15:3322134	SSF x LoA	-8,233	0,113	0,279
CHR15	3322191	CHR15:3322191	SSF x LoA	-9,376	0,120	0,296
CHR15	3322260	CHR15:3322260	SSF x LoA	-10,182	0,016	0,292
CHR15	3324966	CHR15:3324966	SSF x LoA	-9,918	-0,038	0,279
CHR15	3325042	CHR15:3325042	SSF x LoA	-10,037	-0,056	0,299
CHR15	3336019	CHR15:3336019	SSF x LoA	-10,650	0,013	0,292
CHR15	3336021	CHR15:3336021	SSF x LoA	-6,756	0,028	0,290
CHR15	3336034	CHR15:3336034	SSF x LoA	-10,790	0,071	0,288
CHR15	3342024	CHR15:3342024	SSF x LoA	-8,836	0,006	0,281
CHR15	3342051	CHR15:3342051	SSF x LoA	-10,166	-0,005	0,278
CHR15	3342360	CHR15:3342360	SSF x LoA	-8,520	-0,098	0,295
CHR15	3347697	CHR15:3347697	SSF x LoA	-8,721	-0,076	0,291
CHR15	3350706	CHR15:3350706	SSF x LoA	-8,352	-0,036	0,298
CHR15	335456	CHR15:335456	SSF x LoA	-10,024	-0,096	0,272
CHR15	3355563	CHR15:3355563	SSF x LoA	-8,985	0,097	0,288
CHR15	3355604	CHR15:3355604	SSF x LoA	-8,621	0,112	0,286
CHR15	3355643	CHR15:3355643	SSF x LoA	-6,256	0,129	0,285
CHR15	3360998	CHR15:3360998	SSF x LoA	-6,812	-0,026	0,276
CHR15	3361084	CHR15:3361084	SSF x LoA	-8,152	0,037	0,275
CHR15	3363194	CHR15:3363194	SSF x LoA	-9,827	0,097	0,293
CHR15	3368121	CHR15:3368121	SSF x LoA	-5,429	-0,178	0,277
CHR15	3368163	CHR15:3368163	SSF x LoA	-8,453	-0,026	0,298
CHR15	3374869	CHR15:3374869	SSF x LoA	-5,739	-0,065	0,293
CHR15	3374904	CHR15:3374904	SSF x LoA	-7,732	-0,055	0,299
CHR15	3374919	CHR15:3374919	SSF x LoA	-8,825	-0,033	0,282
CHR15	3376891	CHR15:3376891	SSF x LoA	-10,745	0,075	0,292
CHR15	3386930	CHR15:3386930	SSF x LoA	-9,075	0,013	0,290
CHR15	3438464	CHR15:3438464	SSF x LoA	-8,252	-0,010	0,277
CHR15	3438615	CHR15:3438615	SSF x LoA	-8,031	-0,026	0,291
CHR15	3442306	CHR15:3442306	SSF x LoA	-9,054	0,052	0,297
CHR15	3442339	CHR15:3442339	SSF x LoA	-3,447	-0,226	0,270
CHR15	3442414	CHR15:3442414	SSF x LoA	-7,576	-0,127	0,298
CHR15	3450782	CHR15:3450782	SSF x LoA	-8,409	-0,036	0,283
CHR15	3450785	CHR15:3450785	SSF x LoA	-8,204	-0,042	0,285
CHR15	3450801	CHR15:3450801	SSF x LoA	-7,404	-0,013	0,292
CHR15	3450805	CHR15:3450805	SSF x LoA	-7,774	-0,048	0,302
CHR15	3450839	CHR15:3450839	SSF x LoA	-7,834	-0,023	0,286
CHR15	3450969	CHR15:3450969	SSF x LoA	-9,125	0,104	0,289
CHR15	3455093	CHR15:3455093	SSF x LoA	3,437	0,203	0,281
CHR15	3457788	CHR15:3457788	SSF x LoA	-5,974	0,226	0,279
CHR15	3475836	CHR15:3475836	SSF x LoA	-8,218	-0,104	0,293
CHR15	3490754	CHR15:3490754	SSF x LoA	-8,530	0,003	0,298
CHR15	3490850	CHR15:3490850	SSF x LoA	-8,369	-0,007	0,293
CHR15	3490881	CHR15:3490881	SSF x LoA	-6,951	0,109	0,290

CHR15	3490882	CHR15:3490882	SSF x LoA	-6,118	0,104	0,286
CHR15	3490883	CHR15:3490883	SSF x LoA	-6,537	0,101	0,294
CHR15	3490927	CHR15:3490927	SSF x LoA	-8,497	0,044	0,288
CHR15	3490964	CHR15:3490964	SSF x LoA	-6,821	0,111	0,304
CHR15	3539583	CHR15:3539583	SSF x LoA	-8,405	0,123	0,282
CHR15	3539755	CHR15:3539755	SSF x LoA	-8,824	-0,005	0,300
CHR15	3539849	CHR15:3539849	SSF x LoA	-4,492	0,105	0,293
CHR15	3539868	CHR15:3539868	SSF x LoA	-10,807	-0,064	0,304
CHR15	3554270	CHR15:3554270	SSF x LoA	-9,847	-0,100	0,288
CHR15	3554362	CHR15:3554362	SSF x LoA	-7,989	0,032	0,308
CHR15	3561025	CHR15:3561025	SSF x LoA	-8,511	0,142	0,292
CHR15	3572529	CHR15:3572529	SSF x LoA	-10,132	0,032	0,301
CHR15	3572558	CHR15:3572558	SSF x LoA	-10,735	-0,036	0,294
CHR15	3572586	CHR15:3572586	SSF x LoA	-6,949	0,173	0,294
CHR15	3572588	CHR15:3572588	SSF x LoA	-11,184	0,001	0,288
CHR15	3572593	CHR15:3572593	SSF x LoA	-8,158	0,122	0,289
CHR15	3572594	CHR15:3572594	SSF x LoA	-5,987	0,164	0,295
CHR15	3572605	CHR15:3572605	SSF x LoA	-3,393	0,110	0,301
CHR15	3572612	CHR15:3572612	SSF x LoA	11,367	0,161	0,287
CHR15	3572627	CHR15:3572627	SSF x LoA	-6,151	0,200	0,283
CHR15	3572695	CHR15:3572695	SSF x LoA	-2,465	-0,096	0,287
CHR15	3572711	CHR15:3572711	SSF x LoA	-4,648	-0,005	0,289
CHR15	3572725	CHR15:3572725	SSF x LoA	-5,252	-0,012	0,303
CHR15	3572727	CHR15:3572727	SSF x LoA	-8,993	-0,012	0,296
CHR15	3572782	CHR15:3572782	SSF x LoA	-7,588	-0,057	0,299
CHR15	3572792	CHR15:3572792	SSF x LoA	-6,767	-0,020	0,316
CHR15	3574115	CHR15:3574115	SSF x LoA	-8,664	0,001	0,302
CHR15	3574117	CHR15:3574117	SSF x LoA	-8,019	0,003	0,305
CHR15	3583389	CHR15:3583389	SSF x LoA	-9,522	-0,095	0,282
CHR15	3583481	CHR15:3583481	SSF x LoA	-10,409	0,036	0,309
CHR15	3583640	CHR15:3583640	SSF x LoA	-9,067	0,077	0,280
CHR15	3583643	CHR15:3583643	SSF x LoA	-8,797	-0,077	0,279
CHR15	358709	CHR15:358709	SSF x LoA	-11,109	0,107	0,272
CHR15	358749	CHR15:358749	SSF x LoA	-9,999	-0,016	0,281
CHR15	358821	CHR15:358821	SSF x LoA	-7,874	0,058	0,284
CHR15	358859	CHR15:358859	SSF x LoA	-9,383	-0,011	0,287
CHR15	3613635	CHR15:3613635	SSF x LoA	-1,686	-0,198	0,274
CHR15	3613699	CHR15:3613699	SSF x LoA	-6,609	0,176	0,284
CHR15	3623439	CHR15:3623439	SSF x LoA	-8,047	0,083	0,294
CHR15	3623585	CHR15:3623585	SSF x LoA	-2,998	-0,136	0,277
CHR15	3631816	CHR15:3631816	SSF x LoA	-7,000	0,178	0,266
CHR15	3631837	CHR15:3631837	SSF x LoA	-8,676	0,099	0,288
CHR15	3631899	CHR15:3631899	SSF x LoA	-9,986	-0,054	0,284
CHR15	3633615	CHR15:3633615	SSF x LoA	-6,593	-0,062	0,289
CHR15	3647727	CHR15:3647727	SSF x LoA	-9,607	0,054	0,285
CHR15	3648957	CHR15:3648957	SSF x LoA	-9,036	-0,018	0,303
CHR15	3669597	CHR15:3669597	SSF x LoA	-8,452	0,023	0,307
CHR15	3669780	CHR15:3669780	SSF x LoA	-7,851	-0,035	0,286
CHR15	3669782	CHR15:3669782	SSF x LoA	-9,587	-0,051	0,288
CHR15	3673339	CHR15:3673339	SSF x LoA	-9,185	0,063	0,286
CHR15	3673351	CHR15:3673351	SSF x LoA	-6,675	0,189	0,268
CHR15	3673500	CHR15:3673500	SSF x LoA	-9,434	0,050	0,286
CHR15	3673524	CHR15:3673524	SSF x LoA	-10,471	-0,021	0,286

CHR15	3676332	CHR15:3676332	SSF x LoA	-10,500	-0,036	0,286
CHR15	3676494	CHR15:3676494	SSF x LoA	-9,471	-0,041	0,295
CHR15	3678476	CHR15:3678476	SSF x LoA	-8,472	0,158	0,283
CHR15	3678485	CHR15:3678485	SSF x LoA	-9,178	-0,156	0,281
CHR15	3687432	CHR15:3687432	SSF x LoA	-10,141	-0,127	0,270
CHR15	3688212	CHR15:3688212	SSF x LoA	-9,262	0,054	0,273
CHR15	3690262	CHR15:3690262	SSF x LoA	-5,597	-0,197	0,286
CHR15	3690318	CHR15:3690318	SSF x LoA	-5,869	-0,131	0,280
CHR15	3690495	CHR15:3690495	SSF x LoA	-10,031	0,064	0,305
CHR15	3690500	CHR15:3690500	SSF x LoA	-10,548	0,011	0,285
CHR15	3690537	CHR15:3690537	SSF x LoA	-5,373	0,186	0,274
CHR15	3690558	CHR15:3690558	SSF x LoA	-6,429	0,174	0,288
CHR15	3690586	CHR15:3690586	SSF x LoA	-2,187	-0,181	0,287
CHR15	3690628	CHR15:3690628	SSF x LoA	-6,675	0,065	0,299
CHR15	3696078	CHR15:3696078	SSF x LoA	-10,111	-0,074	0,286
CHR15	3698449	CHR15:3698449	SSF x LoA	-9,517	-0,129	0,288
CHR15	3698538	CHR15:3698538	SSF x LoA	-8,409	-0,141	0,294
CHR15	3698552	CHR15:3698552	SSF x LoA	-8,096	-0,153	0,292
CHR15	3698561	CHR15:3698561	SSF x LoA	-9,774	0,111	0,296
CHR15	3698623	CHR15:3698623	SSF x LoA	-10,715	0,004	0,307
CHR15	3698661	CHR15:3698661	SSF x LoA	-7,854	0,010	0,290
CHR15	3698703	CHR15:3698703	SSF x LoA	-7,709	-0,039	0,296
CHR15	3698716	CHR15:3698716	SSF x LoA	-6,348	0,096	0,295
CHR15	3700245	CHR15:3700245	SSF x LoA	-8,745	-0,068	0,295
CHR15	3700283	CHR15:3700283	SSF x LoA	-8,059	-0,038	0,296
CHR15	3708829	CHR15:3708829	SSF x LoA	-7,147	-0,075	0,285
CHR15	3708979	CHR15:3708979	SSF x LoA	-7,126	0,147	0,285
CHR15	3709004	CHR15:3709004	SSF x LoA	-7,423	0,137	0,281
CHR15	3709025	CHR15:3709025	SSF x LoA	-10,095	0,081	0,279
CHR15	3709081	CHR15:3709081	SSF x LoA	-7,112	0,147	0,279
CHR15	3710836	CHR15:3710836	SSF x LoA	-9,411	-0,006	0,292
CHR15	3710858	CHR15:3710858	SSF x LoA	-10,359	-0,029	0,308
CHR15	3711945	CHR15:3711945	SSF x LoA	-6,550	0,018	0,306
CHR15	3711987	CHR15:3711987	SSF x LoA	-9,159	0,046	0,272
CHR15	3711991	CHR15:3711991	SSF x LoA	-8,925	0,037	0,273
CHR15	3715246	CHR15:3715246	SSF x LoA	-9,868	0,052	0,295
CHR15	3715517	CHR15:3715517	SSF x LoA	-9,998	-0,015	0,286
CHR15	3715533	CHR15:3715533	SSF x LoA	-8,031	-0,061	0,290
CHR15	3715541	CHR15:3715541	SSF x LoA	-10,286	-0,029	0,292
CHR15	372684	CHR15:372684	SSF x LoA	-8,939	0,113	0,294
CHR15	373156	CHR15:373156	SSF x LoA	-9,524	0,092	0,284
CHR15	3732289	CHR15:3732289	SSF x LoA	-9,907	-0,024	0,288
CHR15	3732409	CHR15:3732409	SSF x LoA	-11,136	0,017	0,261
CHR15	3732452	CHR15:3732452	SSF x LoA	-10,612	-0,042	0,287
CHR15	3732620	CHR15:3732620	SSF x LoA	-8,655	0,044	0,298
CHR15	3751105	CHR15:3751105	SSF x LoA	-10,577	-0,074	0,284
CHR15	3751118	CHR15:3751118	SSF x LoA	-10,208	0,028	0,296
CHR15	3751214	CHR15:3751214	SSF x LoA	-11,083	0,043	0,281
CHR15	3751249	CHR15:3751249	SSF x LoA	-10,728	0,054	0,292
CHR15	3757532	CHR15:3757532	SSF x LoA	-8,827	-0,134	0,294
CHR15	3757557	CHR15:3757557	SSF x LoA	-6,294	-0,156	0,291
CHR15	3757645	CHR15:3757645	SSF x LoA	-8,450	0,058	0,279
CHR15	3764586	CHR15:3764586	SSF x LoA	-7,035	0,027	0,308

CHR15	3764698	CHR15:3764698	SSF x LoA	-1,717	0,073	0,302
CHR15	3779947	CHR15:3779947	SSF x LoA	-6,518	-0,140	0,289
CHR15	3782023	CHR15:3782023	SSF x LoA	-7,490	0,181	0,287
CHR15	3787544	CHR15:3787544	SSF x LoA	-8,823	-0,082	0,288
CHR15	3787562	CHR15:3787562	SSF x LoA	-6,567	-0,061	0,299
CHR15	3787704	CHR15:3787704	SSF x LoA	-6,272	0,131	0,277
CHR15	3787761	CHR15:3787761	SSF x LoA	-10,088	-0,021	0,294
CHR15	3791936	CHR15:3791936	SSF x LoA	-9,217	0,046	0,278
CHR15	3791953	CHR15:3791953	SSF x LoA	-10,793	0,022	0,290
CHR15	379450	CHR15:379450	SSF x LoA	-10,569	-0,090	0,273
CHR15	3807418	CHR15:3807418	SSF x LoA	-8,666	0,104	0,298
CHR15	3807466	CHR15:3807466	SSF x LoA	-11,257	0,048	0,281
CHR15	3807504	CHR15:3807504	SSF x LoA	-10,538	-0,062	0,297
CHR15	3851748	CHR15:3851748	SSF x LoA	-10,189	0,055	0,285
CHR15	3851798	CHR15:3851798	SSF x LoA	-10,856	-0,011	0,297
CHR15	3851804	CHR15:3851804	SSF x LoA	-5,823	-0,015	0,283
CHR15	3851805	CHR15:3851805	SSF x LoA	-10,875	0,063	0,297
CHR15	3851827	CHR15:3851827	SSF x LoA	-9,345	0,045	0,270
CHR15	3851840	CHR15:3851840	SSF x LoA	-7,267	0,057	0,285
CHR15	3851889	CHR15:3851889	SSF x LoA	-8,859	0,027	0,287
CHR15	3851906	CHR15:3851906	SSF x LoA	-9,569	-0,019	0,289
CHR15	3855471	CHR15:3855471	SSF x LoA	-8,751	0,019	0,281
CHR15	3855488	CHR15:3855488	SSF x LoA	-9,556	-0,019	0,297
CHR15	3855501	CHR15:3855501	SSF x LoA	-7,046	-0,019	0,296
CHR15	3855507	CHR15:3855507	SSF x LoA	-6,601	0,126	0,266
CHR15	3862116	CHR15:3862116	SSF x LoA	-11,654	0,038	0,285
CHR15	3862622	CHR15:3862622	SSF x LoA	-6,550	0,086	0,295
CHR15	3864912	CHR15:3864912	SSF x LoA	-10,194	-0,035	0,296
CHR15	3864996	CHR15:3864996	SSF x LoA	-6,083	-0,149	0,294
CHR15	3865077	CHR15:3865077	SSF x LoA	-0,103	0,242	0,282
CHR15	3865123	CHR15:3865123	SSF x LoA	-3,266	0,196	0,290
CHR15	3866824	CHR15:3866824	SSF x LoA	1,907	0,173	0,284
CHR15	3866869	CHR15:3866869	SSF x LoA	-6,047	0,132	0,279
CHR15	3866873	CHR15:3866873	SSF x LoA	-5,450	0,148	0,289
CHR15	3867008	CHR15:3867008	SSF x LoA	-10,667	0,025	0,290
CHR15	3867044	CHR15:3867044	SSF x LoA	-6,937	-0,109	0,281
CHR15	3873866	CHR15:3873866	SSF x LoA	-10,782	0,008	0,281
CHR15	3873880	CHR15:3873880	SSF x LoA	-8,835	-0,041	0,274
CHR15	3873960	CHR15:3873960	SSF x LoA	-7,038	-0,107	0,276
CHR15	3873964	CHR15:3873964	SSF x LoA	-7,738	-0,087	0,285
CHR15	3873965	CHR15:3873965	SSF x LoA	-6,893	-0,095	0,289
CHR15	3873969	CHR15:3873969	SSF x LoA	-8,261	-0,079	0,284
CHR15	3879002	CHR15:3879002	SSF x LoA	-2,515	0,190	0,268
CHR15	3879766	CHR15:3879766	SSF x LoA	-6,631	0,168	0,283
CHR15	3879842	CHR15:3879842	SSF x LoA	-8,277	-0,078	0,286
CHR15	3879860	CHR15:3879860	SSF x LoA	-8,605	0,138	0,285
CHR15	3879873	CHR15:3879873	SSF x LoA	-7,721	-0,118	0,288
CHR15	3884115	CHR15:3884115	SSF x LoA	-8,692	-0,160	0,279
CHR15	3891211	CHR15:3891211	SSF x LoA	-5,506	-0,051	0,291
CHR15	3891246	CHR15:3891246	SSF x LoA	-6,725	0,092	0,310
CHR15	3891297	CHR15:3891297	SSF x LoA	-9,349	0,100	0,294
CHR15	3891319	CHR15:3891319	SSF x LoA	-7,637	-0,055	0,303
CHR15	3891469	CHR15:3891469	SSF x LoA	-10,847	0,006	0,291

CHR15	3891555	CHR15:3891555	SSF x LoA	-4,857	0,087	0,289
CHR15	3895568	CHR15:3895568	SSF x LoA	-10,861	-0,057	0,283
CHR15	3895695	CHR15:3895695	SSF x LoA	-10,413	0,112	0,286
CHR15	3895746	CHR15:3895746	SSF x LoA	-9,358	-0,082	0,289
CHR15	3895787	CHR15:3895787	SSF x LoA	-10,506	0,059	0,280
CHR15	3895795	CHR15:3895795	SSF x LoA	-9,475	0,002	0,282
CHR15	3895914	CHR15:3895914	SSF x LoA	-10,497	-0,036	0,296
CHR15	3897629	CHR15:3897629	SSF x LoA	-10,022	-0,094	0,296
CHR15	3897686	CHR15:3897686	SSF x LoA	-9,480	-0,074	0,267
CHR15	3897692	CHR15:3897692	SSF x LoA	-8,775	-0,078	0,277
CHR15	3897757	CHR15:3897757	SSF x LoA	-10,751	0,070	0,280
CHR15	3897903	CHR15:3897903	SSF x LoA	-6,719	0,112	0,293
CHR15	3902953	CHR15:3902953	SSF x LoA	-10,631	0,021	0,284
CHR15	3903036	CHR15:3903036	SSF x LoA	-9,781	0,067	0,291
CHR15	3903161	CHR15:3903161	SSF x LoA	-8,917	0,187	0,277
CHR15	39056	CHR15:39056	SSF x LoA	-8,337	-0,161	0,277
CHR15	3908749	CHR15:3908749	SSF x LoA	-8,362	0,043	0,294
CHR15	3908757	CHR15:3908757	SSF x LoA	-8,334	-0,019	0,299
CHR15	3908836	CHR15:3908836	SSF x LoA	-7,796	-0,112	0,283
CHR15	3908953	CHR15:3908953	SSF x LoA	-10,107	0,094	0,297
CHR15	3909038	CHR15:3909038	SSF x LoA	-9,640	-0,015	0,290
CHR15	3909065	CHR15:3909065	SSF x LoA	-7,585	0,054	0,294
CHR15	391366	CHR15:391366	SSF x LoA	-7,932	0,071	0,286
CHR15	391367	CHR15:391367	SSF x LoA	-9,772	-0,022	0,303
CHR15	391372	CHR15:391372	SSF x LoA	-9,110	0,081	0,265
CHR15	391465	CHR15:391465	SSF x LoA	-9,132	0,080	0,284
CHR15	391555	CHR15:391555	SSF x LoA	-7,667	-0,034	0,287
CHR15	3964551	CHR15:3964551	SSF x LoA	-9,146	0,083	0,286
CHR15	3964558	CHR15:3964558	SSF x LoA	-7,958	0,026	0,309
CHR15	3973484	CHR15:3973484	SSF x LoA	-7,680	0,125	0,289
CHR15	3973604	CHR15:3973604	SSF x LoA	-9,905	0,061	0,286
CHR15	3973610	CHR15:3973610	SSF x LoA	-10,590	-0,028	0,277
CHR15	3973734	CHR15:3973734	SSF x LoA	-9,790	0,049	0,288
CHR15	398992	CHR15:398992	SSF x LoA	-8,293	0,034	0,293
CHR15	399164	CHR15:399164	SSF x LoA	-9,835	0,011	0,291
CHR15	3999793	CHR15:3999793	SSF x LoA	-11,570	-0,035	0,294
CHR15	4017708	CHR15:4017708	SSF x LoA	-10,492	-0,052	0,288
CHR15	4036689	CHR15:4036689	SSF x LoA	-8,043	-0,074	0,275
CHR15	4036699	CHR15:4036699	SSF x LoA	-8,306	-0,025	0,290
CHR15	4036742	CHR15:4036742	SSF x LoA	-6,465	-0,106	0,290
CHR15	4036759	CHR15:4036759	SSF x LoA	-7,789	-0,039	0,294
CHR15	4036762	CHR15:4036762	SSF x LoA	-8,713	-0,071	0,285
CHR15	4038946	CHR15:4038946	SSF x LoA	-9,123	0,001	0,272
CHR15	4061109	CHR15:4061109	SSF x LoA	-4,002	0,134	0,282
CHR15	406769	CHR15:406769	SSF x LoA	-6,402	0,166	0,282
CHR15	406838	CHR15:406838	SSF x LoA	-5,753	0,093	0,284
CHR15	4068589	CHR15:4068589	SSF x LoA	-6,677	-0,085	0,294
CHR15	4068899	CHR15:4068899	SSF x LoA	-7,613	0,110	0,295
CHR15	4070223	CHR15:4070223	SSF x LoA	-8,605	0,023	0,300
CHR15	4088118	CHR15:4088118	SSF x LoA	-8,392	-0,128	0,285
CHR15	4088191	CHR15:4088191	SSF x LoA	-10,893	-0,026	0,292
CHR15	4088200	CHR15:4088200	SSF x LoA	-9,231	0,033	0,288
CHR15	4088220	CHR15:4088220	SSF x LoA	-8,577	-0,003	0,293

CHR15	4088369	CHR15:4088369	SSF x LoA	-1,521	-0,097	0,290
CHR15	4095565	CHR15:4095565	SSF x LoA	-4,441	-0,210	0,285
CHR15	4096828	CHR15:4096828	SSF x LoA	-4,798	-0,222	0,282
CHR15	4096904	CHR15:4096904	SSF x LoA	-6,487	-0,144	0,285
CHR15	4100124	CHR15:4100124	SSF x LoA	-9,253	-0,094	0,287
CHR15	4100199	CHR15:4100199	SSF x LoA	-10,663	-0,004	0,289
CHR15	4100202	CHR15:4100202	SSF x LoA	-10,694	0,014	0,286
CHR15	4100251	CHR15:4100251	SSF x LoA	-10,358	-0,043	0,284
CHR15	4100285	CHR15:4100285	SSF x LoA	-7,219	-0,098	0,287
CHR15	4104808	CHR15:4104808	SSF x LoA	-7,986	0,022	0,302
CHR15	4104848	CHR15:4104848	SSF x LoA	-5,178	0,035	0,299
CHR15	4104880	CHR15:4104880	SSF x LoA	-10,893	-0,003	0,288
CHR15	4105062	CHR15:4105062	SSF x LoA	-9,788	0,097	0,273
CHR15	4120252	CHR15:4120252	SSF x LoA	-4,184	0,148	0,290
CHR15	4120273	CHR15:4120273	SSF x LoA	-10,940	-0,047	0,276
CHR15	4120387	CHR15:4120387	SSF x LoA	-3,611	-0,166	0,272
CHR15	4124412	CHR15:4124412	SSF x LoA	-10,953	-0,018	0,293
CHR15	4128420	CHR15:4128420	SSF x LoA	-7,394	-0,031	0,280
CHR15	4128428	CHR15:4128428	SSF x LoA	-8,645	-0,077	0,290
CHR15	4128465	CHR15:4128465	SSF x LoA	-6,787	-0,072	0,300
CHR15	4129285	CHR15:4129285	SSF x LoA	-8,455	0,030	0,284
CHR15	4129338	CHR15:4129338	SSF x LoA	-7,986	0,048	0,293
CHR15	4130812	CHR15:4130812	SSF x LoA	-7,404	-0,125	0,292
CHR15	4156149	CHR15:4156149	SSF x LoA	-10,589	0,008	0,282
CHR15	4156862	CHR15:4156862	SSF x LoA	-7,364	-0,027	0,279
CHR15	4156863	CHR15:4156863	SSF x LoA	-8,455	-0,027	0,292
CHR15	4156910	CHR15:4156910	SSF x LoA	-7,447	-0,006	0,299
CHR15	4156912	CHR15:4156912	SSF x LoA	-6,895	-0,030	0,291
CHR15	4158494	CHR15:4158494	SSF x LoA	-11,021	0,067	0,282
CHR15	4158775	CHR15:4158775	SSF x LoA	-8,403	0,046	0,287
CHR15	4163306	CHR15:4163306	SSF x LoA	-7,087	0,174	0,277
CHR15	4182270	CHR15:4182270	SSF x LoA	-9,938	-0,092	0,284
CHR15	4196822	CHR15:4196822	SSF x LoA	-7,234	0,030	0,295
CHR15	4196834	CHR15:4196834	SSF x LoA	-7,779	0,015	0,292
CHR15	4196856	CHR15:4196856	SSF x LoA	-8,526	-0,099	0,281
CHR15	4196861	CHR15:4196861	SSF x LoA	-8,782	0,083	0,284
CHR15	4196888	CHR15:4196888	SSF x LoA	-9,192	0,042	0,298
CHR15	4196889	CHR15:4196889	SSF x LoA	-8,434	0,067	0,303
CHR15	4196896	CHR15:4196896	SSF x LoA	-8,335	-0,072	0,276
CHR15	4196909	CHR15:4196909	SSF x LoA	-4,227	-0,156	0,290
CHR15	4196967	CHR15:4196967	SSF x LoA	-6,860	-0,002	0,313
CHR15	4196998	CHR15:4196998	SSF x LoA	-11,160	-0,029	0,286
CHR15	4197044	CHR15:4197044	SSF x LoA	-7,711	-0,087	0,290
CHR15	422816	CHR15:422816	SSF x LoA	-7,152	0,082	0,295
CHR15	422821	CHR15:422821	SSF x LoA	-8,514	0,015	0,282
CHR15	422936	CHR15:422936	SSF x LoA	-8,332	0,005	0,283
CHR15	422991	CHR15:422991	SSF x LoA	-8,852	-0,017	0,303
CHR15	4234844	CHR15:4234844	SSF x LoA	-8,311	0,026	0,305
CHR15	4242517	CHR15:4242517	SSF x LoA	-8,311	-0,039	0,297
CHR15	4243979	CHR15:4243979	SSF x LoA	-7,797	-0,079	0,290
CHR15	4244619	CHR15:4244619	SSF x LoA	-8,306	-0,059	0,282
CHR15	4257524	CHR15:4257524	SSF x LoA	-7,779	-0,158	0,275
CHR15	4257584	CHR15:4257584	SSF x LoA	-8,952	0,120	0,291

CHR15	4257602	CHR15:4257602	SSF x LoA	-10,575	-0,005	0,280
CHR15	4257637	CHR15:4257637	SSF x LoA	-8,978	-0,001	0,288
CHR15	4257672	CHR15:4257672	SSF x LoA	-9,111	-0,154	0,281
CHR15	4257674	CHR15:4257674	SSF x LoA	-10,244	0,065	0,284
CHR15	4257681	CHR15:4257681	SSF x LoA	-7,376	-0,170	0,274
CHR15	4263193	CHR15:4263193	SSF x LoA	-6,037	-0,103	0,281
CHR15	4263216	CHR15:4263216	SSF x LoA	-8,873	-0,025	0,290
CHR15	4268934	CHR15:4268934	SSF x LoA	-8,549	0,030	0,296
CHR15	4269054	CHR15:4269054	SSF x LoA	-6,404	0,091	0,281
CHR15	4269061	CHR15:4269061	SSF x LoA	-8,726	0,044	0,283
CHR15	4269063	CHR15:4269063	SSF x LoA	-7,951	0,053	0,286
CHR15	4272050	CHR15:4272050	SSF x LoA	-10,169	0,025	0,278
CHR15	4272250	CHR15:4272250	SSF x LoA	-6,711	-0,096	0,301
CHR15	4272252	CHR15:4272252	SSF x LoA	-9,382	-0,123	0,275
CHR15	4272262	CHR15:4272262	SSF x LoA	-9,721	-0,086	0,279
CHR15	4272288	CHR15:4272288	SSF x LoA	-9,040	-0,081	0,303
CHR15	4279688	CHR15:4279688	SSF x LoA	-9,543	-0,024	0,284
CHR15	4279853	CHR15:4279853	SSF x LoA	-8,502	-0,123	0,286
CHR15	4285754	CHR15:4285754	SSF x LoA	-10,295	0,049	0,291
CHR15	4287587	CHR15:4287587	SSF x LoA	-8,285	0,088	0,295
CHR15	4287646	CHR15:4287646	SSF x LoA	-7,954	-0,141	0,281
CHR15	4292398	CHR15:4292398	SSF x LoA	-6,645	0,027	0,294
CHR15	4292439	CHR15:4292439	SSF x LoA	-8,651	-0,080	0,303
CHR15	4292536	CHR15:4292536	SSF x LoA	-9,785	0,022	0,277
CHR15	4296522	CHR15:4296522	SSF x LoA	-8,763	0,089	0,285
CHR15	4310269	CHR15:4310269	SSF x LoA	-8,291	-0,060	0,279
CHR15	4310342	CHR15:4310342	SSF x LoA	-10,354	0,105	0,293
CHR15	4310357	CHR15:4310357	SSF x LoA	-8,615	0,071	0,292
CHR15	4310359	CHR15:4310359	SSF x LoA	-6,346	0,046	0,312
CHR15	432383	CHR15:432383	SSF x LoA	-7,250	0,158	0,286
CHR15	432403	CHR15:432403	SSF x LoA	-10,601	-0,070	0,296
CHR15	4330269	CHR15:4330269	SSF x LoA	-7,279	0,043	0,301
CHR15	4330306	CHR15:4330306	SSF x LoA	-5,614	-0,104	0,298
CHR15	4330381	CHR15:4330381	SSF x LoA	-10,431	-0,074	0,287
CHR15	4330580	CHR15:4330580	SSF x LoA	-9,298	-0,027	0,308
CHR15	4330595	CHR15:4330595	SSF x LoA	-8,891	0,083	0,296
CHR15	435148	CHR15:435148	SSF x LoA	-6,029	0,072	0,292
CHR15	435178	CHR15:435178	SSF x LoA	-7,122	0,099	0,292
CHR15	435214	CHR15:435214	SSF x LoA	-10,864	-0,012	0,290
CHR15	4386942	CHR15:4386942	SSF x LoA	-10,489	-0,041	0,303
CHR15	4386944	CHR15:4386944	SSF x LoA	-10,273	-0,066	0,291
CHR15	4386960	CHR15:4386960	SSF x LoA	-7,883	0,067	0,285
CHR15	4387008	CHR15:4387008	SSF x LoA	-7,487	0,071	0,299
CHR15	4387021	CHR15:4387021	SSF x LoA	-6,655	-0,105	0,278
CHR15	4387023	CHR15:4387023	SSF x LoA	-7,807	-0,083	0,291
CHR15	4387026	CHR15:4387026	SSF x LoA	-8,119	0,031	0,299
CHR15	4387041	CHR15:4387041	SSF x LoA	-6,562	0,095	0,289
CHR15	4387104	CHR15:4387104	SSF x LoA	-9,926	0,046	0,305
CHR15	4387134	CHR15:4387134	SSF x LoA	-3,411	-0,016	0,294
CHR15	4396462	CHR15:4396462	SSF x LoA	-10,541	0,003	0,286
CHR15	4396504	CHR15:4396504	SSF x LoA	-10,844	0,031	0,293
CHR15	4401249	CHR15:4401249	SSF x LoA	-10,233	-0,048	0,291
CHR15	4401274	CHR15:4401274	SSF x LoA	-9,314	-0,085	0,309

CHR15	4401325	CHR15:4401325	SSF x LoA	-7,697	-0,101	0,290
CHR15	4401340	CHR15:4401340	SSF x LoA	-7,075	-0,127	0,299
CHR15	4424829	CHR15:4424829	SSF x LoA	-6,659	0,185	0,274
CHR15	4424850	CHR15:4424850	SSF x LoA	-6,188	0,126	0,296
CHR15	4425081	CHR15:4425081	SSF x LoA	-8,969	0,102	0,274
CHR15	4465106	CHR15:4465106	SSF x LoA	-6,449	0,029	0,287
CHR15	4474744	CHR15:4474744	SSF x LoA	-9,393	-0,059	0,280
CHR15	4476311	CHR15:4476311	SSF x LoA	-8,510	0,129	0,299
CHR15	4476355	CHR15:4476355	SSF x LoA	-9,067	0,041	0,294
CHR15	4476363	CHR15:4476363	SSF x LoA	-9,391	0,053	0,290
CHR15	4476372	CHR15:4476372	SSF x LoA	-9,535	-0,014	0,299
CHR15	4476427	CHR15:4476427	SSF x LoA	-6,898	-0,065	0,289
CHR15	4476430	CHR15:4476430	SSF x LoA	-7,481	0,051	0,290
CHR15	4477536	CHR15:4477536	SSF x LoA	-10,043	0,052	0,287
CHR15	4477543	CHR15:4477543	SSF x LoA	-10,135	0,048	0,292
CHR15	4477587	CHR15:4477587	SSF x LoA	-10,082	0,014	0,295
CHR15	4477632	CHR15:4477632	SSF x LoA	-10,489	-0,003	0,282
CHR15	4477700	CHR15:4477700	SSF x LoA	-9,671	0,119	0,284
CHR15	4497082	CHR15:4497082	SSF x LoA	-10,251	0,091	0,269
CHR15	4497387	CHR15:4497387	SSF x LoA	-7,291	0,169	0,282
CHR15	4497408	CHR15:4497408	SSF x LoA	-7,476	-0,023	0,291
CHR15	4507539	CHR15:4507539	SSF x LoA	-6,304	0,095	0,285
CHR15	4507542	CHR15:4507542	SSF x LoA	-7,100	-0,053	0,284
CHR15	4524080	CHR15:4524080	SSF x LoA	-3,819	0,213	0,264
CHR15	4524169	CHR15:4524169	SSF x LoA	-9,583	0,133	0,290
CHR15	4524242	CHR15:4524242	SSF x LoA	-7,228	0,019	0,291
CHR15	4524250	CHR15:4524250	SSF x LoA	-7,111	0,038	0,293
CHR15	4524270	CHR15:4524270	SSF x LoA	-9,469	-0,032	0,283
CHR15	4524296	CHR15:4524296	SSF x LoA	-8,599	-0,050	0,288
CHR15	4524344	CHR15:4524344	SSF x LoA	-1,839	0,140	0,288
CHR15	4524377	CHR15:4524377	SSF x LoA	-8,354	-0,008	0,287
CHR15	4569943	CHR15:4569943	SSF x LoA	-5,938	0,128	0,293
CHR15	4570056	CHR15:4570056	SSF x LoA	-6,784	-0,164	0,280
CHR15	4573512	CHR15:4573512	SSF x LoA	-9,419	0,064	0,295
CHR15	4573675	CHR15:4573675	SSF x LoA	-10,245	-0,039	0,286
CHR15	4573678	CHR15:4573678	SSF x LoA	-9,376	-0,052	0,300
CHR15	4573687	CHR15:4573687	SSF x LoA	-8,175	-0,033	0,291
CHR15	4581309	CHR15:4581309	SSF x LoA	-9,101	0,159	0,286
CHR15	4581369	CHR15:4581369	SSF x LoA	-7,593	0,070	0,278
CHR15	4581437	CHR15:4581437	SSF x LoA	-10,417	0,007	0,298
CHR15	4581539	CHR15:4581539	SSF x LoA	-7,587	0,139	0,303
CHR15	4589835	CHR15:4589835	SSF x LoA	-7,723	0,138	0,292
CHR15	4589858	CHR15:4589858	SSF x LoA	-9,196	0,032	0,293
CHR15	4589888	CHR15:4589888	SSF x LoA	-6,297	0,096	0,291
CHR15	4589934	CHR15:4589934	SSF x LoA	-7,864	-0,067	0,291
CHR15	4589974	CHR15:4589974	SSF x LoA	-9,711	0,107	0,287
CHR15	4591486	CHR15:4591486	SSF x LoA	-7,522	-0,078	0,297
CHR15	4591535	CHR15:4591535	SSF x LoA	-7,856	0,146	0,286
CHR15	4591538	CHR15:4591538	SSF x LoA	-6,069	0,173	0,277
CHR15	4591646	CHR15:4591646	SSF x LoA	-9,219	-0,055	0,303
CHR15	4593603	CHR15:4593603	SSF x LoA	-10,616	-0,013	0,290
CHR15	4593648	CHR15:4593648	SSF x LoA	-10,664	-0,026	0,298
CHR15	4593825	CHR15:4593825	SSF x LoA	-6,449	0,052	0,289

CHR15	4593826	CHR15:4593826	SSF x LoA	-6,145	-0,086	0,280
CHR15	4595189	CHR15:4595189	SSF x LoA	-9,001	0,016	0,286
CHR15	4595190	CHR15:4595190	SSF x LoA	-8,318	0,130	0,301
CHR15	4595226	CHR15:4595226	SSF x LoA	-7,357	-0,164	0,288
CHR15	4595228	CHR15:4595228	SSF x LoA	-7,550	-0,070	0,298
CHR15	4595341	CHR15:4595341	SSF x LoA	-11,152	-0,062	0,273
CHR15	4595365	CHR15:4595365	SSF x LoA	-8,425	0,065	0,289
CHR15	4595368	CHR15:4595368	SSF x LoA	-10,382	-0,055	0,288
CHR15	4595459	CHR15:4595459	SSF x LoA	-10,154	-0,042	0,291
CHR15	4595494	CHR15:4595494	SSF x LoA	-9,590	-0,039	0,291
CHR15	4598839	CHR15:4598839	SSF x LoA	-9,787	0,038	0,295
CHR15	4598849	CHR15:4598849	SSF x LoA	-9,025	0,134	0,294
CHR15	4598923	CHR15:4598923	SSF x LoA	-9,968	0,001	0,285
CHR15	4607789	CHR15:4607789	SSF x LoA	-10,603	0,101	0,293
CHR15	4619995	CHR15:4619995	SSF x LoA	-10,593	0,034	0,279
CHR15	4620286	CHR15:4620286	SSF x LoA	-10,410	0,016	0,269
CHR15	4624790	CHR15:4624790	SSF x LoA	-1,443	0,172	0,280
CHR15	4624831	CHR15:4624831	SSF x LoA	-8,468	-0,120	0,298
CHR15	4624891	CHR15:4624891	SSF x LoA	-8,694	-0,118	0,285
CHR15	4624897	CHR15:4624897	SSF x LoA	-5,552	-0,084	0,303
CHR15	4631965	CHR15:4631965	SSF x LoA	-5,868	0,028	0,292
CHR15	4632045	CHR15:4632045	SSF x LoA	-8,339	-0,022	0,284
CHR15	4642220	CHR15:4642220	SSF x LoA	-11,162	-0,005	0,294
CHR15	4642222	CHR15:4642222	SSF x LoA	-9,497	-0,130	0,278
CHR15	4643528	CHR15:4643528	SSF x LoA	-9,785	-0,072	0,274
CHR15	4643587	CHR15:4643587	SSF x LoA	-8,397	-0,055	0,292
CHR15	4643625	CHR15:4643625	SSF x LoA	-7,847	0,075	0,299
CHR15	4643654	CHR15:4643654	SSF x LoA	-5,101	0,094	0,305
CHR15	4643687	CHR15:4643687	SSF x LoA	-11,424	-0,004	0,270
CHR15	4643729	CHR15:4643729	SSF x LoA	-5,135	-0,037	0,284
CHR15	4646305	CHR15:4646305	SSF x LoA	-6,938	-0,110	0,278
CHR15	4646353	CHR15:4646353	SSF x LoA	-10,051	-0,011	0,298
CHR15	4646377	CHR15:4646377	SSF x LoA	4,101	-0,308	0,258
CHR15	4646385	CHR15:4646385	SSF x LoA	-10,609	0,001	0,286
CHR15	4646386	CHR15:4646386	SSF x LoA	-4,603	-0,113	0,297
CHR15	4646391	CHR15:4646391	SSF x LoA	-5,857	-0,076	0,293
CHR15	4646401	CHR15:4646401	SSF x LoA	-2,889	-0,297	0,266
CHR15	4646441	CHR15:4646441	SSF x LoA	-4,680	-0,293	0,262
CHR15	4646475	CHR15:4646475	SSF x LoA	-5,839	-0,151	0,287
CHR15	4646583	CHR15:4646583	SSF x LoA	-9,888	-0,047	0,297
CHR15	4646595	CHR15:4646595	SSF x LoA	-7,473	0,031	0,312
CHR15	4665966	CHR15:4665966	SSF x LoA	2,622	-0,040	0,289
CHR15	4666066	CHR15:4666066	SSF x LoA	-10,062	0,060	0,287
CHR15	4666074	CHR15:4666074	SSF x LoA	-8,113	-0,059	0,288
CHR15	4668770	CHR15:4668770	SSF x LoA	-10,282	0,078	0,270
CHR15	4668774	CHR15:4668774	SSF x LoA	-8,539	0,090	0,285
CHR15	4668775	CHR15:4668775	SSF x LoA	-7,719	0,081	0,289
CHR15	4668790	CHR15:4668790	SSF x LoA	-10,228	-0,033	0,279
CHR15	4668794	CHR15:4668794	SSF x LoA	-7,809	-0,084	0,293
CHR15	4670303	CHR15:4670303	SSF x LoA	-10,131	0,016	0,262
CHR15	4670330	CHR15:4670330	SSF x LoA	-5,041	-0,029	0,292
CHR15	4690071	CHR15:4690071	SSF x LoA	-1,011	0,044	0,290
CHR15	4690080	CHR15:4690080	SSF x LoA	-10,549	-0,130	0,279

CHR15	4690113	CHR15:4690113	SSF x LoA	-7,103	0,135	0,283
CHR15	4697494	CHR15:4697494	SSF x LoA	-7,797	0,106	0,275
CHR15	4697638	CHR15:4697638	SSF x LoA	-7,780	-0,075	0,294
CHR15	4697694	CHR15:4697694	SSF x LoA	-7,924	0,036	0,289
CHR15	4701590	CHR15:4701590	SSF x LoA	-8,119	-0,123	0,278
CHR15	4702582	CHR15:4702582	SSF x LoA	-8,562	0,024	0,299
CHR15	4702597	CHR15:4702597	SSF x LoA	-9,574	-0,001	0,302
CHR15	4702619	CHR15:4702619	SSF x LoA	-9,830	-0,072	0,289
CHR15	4708165	CHR15:4708165	SSF x LoA	-10,446	-0,070	0,288
CHR15	4708187	CHR15:4708187	SSF x LoA	-8,123	-0,107	0,273
CHR15	4711601	CHR15:4711601	SSF x LoA	-5,259	-0,061	0,297
CHR15	4711767	CHR15:4711767	SSF x LoA	-7,603	0,126	0,290
CHR15	4721574	CHR15:4721574	SSF x LoA	-1,914	0,273	0,277
CHR15	4721656	CHR15:4721656	SSF x LoA	-9,612	-0,090	0,289
CHR15	4727821	CHR15:4727821	SSF x LoA	-8,317	0,092	0,300
CHR15	4730606	CHR15:4730606	SSF x LoA	-7,766	-0,062	0,296
CHR15	477611	CHR15:477611	SSF x LoA	-7,831	-0,031	0,285
CHR15	477633	CHR15:477633	SSF x LoA	-8,263	-0,072	0,288
CHR15	482056	CHR15:482056	SSF x LoA	-1,245	-0,027	0,277
CHR15	482062	CHR15:482062	SSF x LoA	-8,038	-0,033	0,285
CHR15	491808	CHR15:491808	SSF x LoA	-9,601	0,069	0,288
CHR15	491844	CHR15:491844	SSF x LoA	-7,397	0,068	0,289
CHR15	491962	CHR15:491962	SSF x LoA	-8,245	0,054	0,297
CHR15	4928273	CHR15:4928273	SSF x LoA	-3,981	-0,185	0,284
CHR15	4928458	CHR15:4928458	SSF x LoA	-3,602	-0,179	0,273
CHR15	4928466	CHR15:4928466	SSF x LoA	-7,259	-0,151	0,261
CHR15	4928477	CHR15:4928477	SSF x LoA	-3,388	-0,172	0,266
CHR15	4969970	CHR15:4969970	SSF x LoA	-8,349	0,082	0,309
CHR15	5007422	CHR15:5007422	SSF x LoA	-8,457	0,030	0,274
CHR15	5007476	CHR15:5007476	SSF x LoA	-8,579	-0,034	0,286
CHR15	5010588	CHR15:5010588	SSF x LoA	-9,014	0,041	0,300
CHR15	5010594	CHR15:5010594	SSF x LoA	-8,288	0,025	0,300
CHR15	5010629	CHR15:5010629	SSF x LoA	-6,169	0,103	0,285
CHR15	5010632	CHR15:5010632	SSF x LoA	-5,942	0,085	0,274
CHR15	5010646	CHR15:5010646	SSF x LoA	-6,613	0,170	0,284
CHR15	5010691	CHR15:5010691	SSF x LoA	-4,934	-0,197	0,286
CHR15	501451	CHR15:501451	SSF x LoA	-4,200	0,182	0,270
CHR15	501481	CHR15:501481	SSF x LoA	-9,112	0,032	0,295
CHR15	501757	CHR15:501757	SSF x LoA	-5,274	-0,130	0,277
CHR15	5035885	CHR15:5035885	SSF x LoA	-9,125	-0,040	0,283
CHR15	5035973	CHR15:5035973	SSF x LoA	-8,003	0,036	0,289
CHR15	5091169	CHR15:5091169	SSF x LoA	-8,431	-0,036	0,285
CHR15	5098700	CHR15:5098700	SSF x LoA	-10,275	-0,056	0,284
CHR15	5127260	CHR15:5127260	SSF x LoA	-8,819	-0,152	0,287
CHR15	5127316	CHR15:5127316	SSF x LoA	-7,941	0,079	0,298
CHR15	5133766	CHR15:5133766	SSF x LoA	-4,111	-0,148	0,284
CHR15	5148441	CHR15:5148441	SSF x LoA	-6,637	0,004	0,287
CHR15	5148565	CHR15:5148565	SSF x LoA	-6,775	0,028	0,296
CHR15	5148608	CHR15:5148608	SSF x LoA	-8,964	-0,051	0,291
CHR15	5149397	CHR15:5149397	SSF x LoA	-8,339	-0,136	0,277
CHR15	5149446	CHR15:5149446	SSF x LoA	1,606	-0,133	0,277
CHR15	5149448	CHR15:5149448	SSF x LoA	-5,994	-0,144	0,280
CHR15	5183073	CHR15:5183073	SSF x LoA	-9,502	0,090	0,280

CHR15	5183084	CHR15:5183084	SSF x LoA	-8,517	-0,056	0,275
CHR15	5183094	CHR15:5183094	SSF x LoA	-9,161	-0,109	0,284
CHR15	5183245	CHR15:5183245	SSF x LoA	-10,153	0,039	0,293
CHR15	5188497	CHR15:5188497	SSF x LoA	-6,614	0,136	0,280
CHR15	5188514	CHR15:5188514	SSF x LoA	-11,160	0,007	0,277
CHR15	5188571	CHR15:5188571	SSF x LoA	-6,155	0,022	0,287
CHR15	5193665	CHR15:5193665	SSF x LoA	-8,541	0,051	0,295
CHR15	5213112	CHR15:5213112	SSF x LoA	-10,767	0,091	0,274
CHR15	5227763	CHR15:5227763	SSF x LoA	-10,134	0,103	0,294
CHR15	5233304	CHR15:5233304	SSF x LoA	-5,812	0,167	0,268
CHR15	5233351	CHR15:5233351	SSF x LoA	-7,670	-0,088	0,287
CHR15	5233363	CHR15:5233363	SSF x LoA	4,174	-0,067	0,297
CHR15	5233371	CHR15:5233371	SSF x LoA	-8,839	-0,101	0,281
CHR15	5233478	CHR15:5233478	SSF x LoA	-9,072	0,098	0,284
CHR15	5233481	CHR15:5233481	SSF x LoA	-6,487	0,068	0,293
CHR15	5239840	CHR15:5239840	SSF x LoA	-9,575	-0,103	0,280
CHR15	5240810	CHR15:5240810	SSF x LoA	-4,070	0,025	0,297
CHR15	5240815	CHR15:5240815	SSF x LoA	-7,459	-0,038	0,297
CHR15	5254637	CHR15:5254637	SSF x LoA	-7,379	0,127	0,283
CHR15	5254685	CHR15:5254685	SSF x LoA	-10,176	0,052	0,296
CHR15	5255569	CHR15:5255569	SSF x LoA	-9,323	-0,130	0,278
CHR15	5255591	CHR15:5255591	SSF x LoA	-7,324	-0,108	0,282
CHR15	5255593	CHR15:5255593	SSF x LoA	-5,466	-0,135	0,279
CHR15	5274752	CHR15:5274752	SSF x LoA	-8,715	0,025	0,296
CHR15	5274883	CHR15:5274883	SSF x LoA	-8,367	-0,010	0,291
CHR15	5274904	CHR15:5274904	SSF x LoA	-8,528	0,172	0,294
CHR15	5286002	CHR15:5286002	SSF x LoA	0,685	0,165	0,294
CHR15	5287990	CHR15:5287990	SSF x LoA	-8,851	0,024	0,294
CHR15	5288012	CHR15:5288012	SSF x LoA	-6,423	0,131	0,269
CHR15	5288024	CHR15:5288024	SSF x LoA	-8,961	0,145	0,279
CHR15	5288117	CHR15:5288117	SSF x LoA	-7,430	-0,133	0,283
CHR15	5288191	CHR15:5288191	SSF x LoA	-6,530	0,121	0,287
CHR15	5288200	CHR15:5288200	SSF x LoA	-7,736	-0,098	0,287
CHR15	5292203	CHR15:5292203	SSF x LoA	-7,917	-0,087	0,299
CHR15	5292278	CHR15:5292278	SSF x LoA	-9,881	0,035	0,282
CHR15	5292366	CHR15:5292366	SSF x LoA	-9,784	-0,063	0,293
CHR15	5296213	CHR15:5296213	SSF x LoA	-10,648	-0,014	0,287
CHR15	5296217	CHR15:5296217	SSF x LoA	-10,681	-0,016	0,291
CHR15	5296255	CHR15:5296255	SSF x LoA	-10,578	-0,019	0,280
CHR15	5304065	CHR15:5304065	SSF x LoA	-6,359	0,025	0,287
CHR15	5304304	CHR15:5304304	SSF x LoA	-8,842	0,048	0,288
CHR15	5304323	CHR15:5304323	SSF x LoA	-7,841	0,084	0,296
CHR15	5304329	CHR15:5304329	SSF x LoA	-9,129	0,050	0,290
CHR15	5304359	CHR15:5304359	SSF x LoA	-9,394	-0,037	0,298
CHR15	5311903	CHR15:5311903	SSF x LoA	-9,618	-0,051	0,279
CHR15	5311933	CHR15:5311933	SSF x LoA	-11,768	-0,067	0,289
CHR15	5312062	CHR15:5312062	SSF x LoA	-10,515	-0,059	0,284
CHR15	5315363	CHR15:5315363	SSF x LoA	-9,693	0,052	0,288
CHR15	5315400	CHR15:5315400	SSF x LoA	-8,900	0,144	0,290
CHR15	5315427	CHR15:5315427	SSF x LoA	-10,767	0,007	0,287
CHR15	5315435	CHR15:5315435	SSF x LoA	-10,828	-0,072	0,285
CHR15	5315471	CHR15:5315471	SSF x LoA	-9,716	-0,003	0,290
CHR15	5315496	CHR15:5315496	SSF x LoA	-8,052	-0,092	0,311

CHR15	5315520	CHR15:5315520	SSF x LoA	-7,889	0,064	0,292
CHR15	5315523	CHR15:5315523	SSF x LoA	-8,661	0,034	0,280
CHR15	5315575	CHR15:5315575	SSF x LoA	-6,854	0,065	0,313
CHR15	5316454	CHR15:5316454	SSF x LoA	-9,148	-0,059	0,287
CHR15	5323925	CHR15:5323925	SSF x LoA	-9,537	-0,073	0,292
CHR15	5324007	CHR15:5324007	SSF x LoA	-6,890	-0,142	0,288
CHR15	5324099	CHR15:5324099	SSF x LoA	-8,578	0,010	0,305
CHR15	5334096	CHR15:5334096	SSF x LoA	-6,394	0,220	0,268
CHR15	5340559	CHR15:5340559	SSF x LoA	-8,193	-0,103	0,265
CHR15	5340654	CHR15:5340654	SSF x LoA	-7,874	-0,096	0,298
CHR15	5340720	CHR15:5340720	SSF x LoA	-9,652	0,099	0,300
CHR15	5340729	CHR15:5340729	SSF x LoA	-8,796	0,023	0,291
CHR15	5340745	CHR15:5340745	SSF x LoA	-10,649	-0,112	0,291
CHR15	5343909	CHR15:5343909	SSF x LoA	-10,085	0,033	0,295
CHR15	5343918	CHR15:5343918	SSF x LoA	-6,524	-0,103	0,284
CHR15	5344040	CHR15:5344040	SSF x LoA	-9,304	-0,026	0,296
CHR15	5344044	CHR15:5344044	SSF x LoA	-9,747	-0,070	0,280
CHR15	5346504	CHR15:5346504	SSF x LoA	6,008	0,221	0,274
CHR15	5346643	CHR15:5346643	SSF x LoA	-10,259	-0,105	0,279
CHR15	5346682	CHR15:5346682	SSF x LoA	-8,033	0,070	0,283
CHR15	5346686	CHR15:5346686	SSF x LoA	-8,037	0,014	0,292
CHR15	5346776	CHR15:5346776	SSF x LoA	-9,579	0,019	0,275
CHR15	5350959	CHR15:5350959	SSF x LoA	-8,911	0,067	0,274
CHR15	5351071	CHR15:5351071	SSF x LoA	-5,373	-0,108	0,291
CHR15	5351089	CHR15:5351089	SSF x LoA	-8,303	-0,026	0,268
CHR15	5351113	CHR15:5351113	SSF x LoA	-7,967	0,058	0,276
CHR15	5351152	CHR15:5351152	SSF x LoA	-7,934	-0,044	0,292
CHR15	5351155	CHR15:5351155	SSF x LoA	-8,843	-0,067	0,276
CHR15	5351164	CHR15:5351164	SSF x LoA	-7,576	-0,003	0,290
CHR15	5357214	CHR15:5357214	SSF x LoA	-4,814	-0,117	0,281
CHR15	5357259	CHR15:5357259	SSF x LoA	-9,062	-0,052	0,287
CHR15	5358370	CHR15:5358370	SSF x LoA	-8,409	-0,061	0,294
CHR15	5358384	CHR15:5358384	SSF x LoA	-7,678	-0,019	0,294
CHR15	5359532	CHR15:5359532	SSF x LoA	-7,740	-0,064	0,287
CHR15	5359551	CHR15:5359551	SSF x LoA	-7,671	0,088	0,288
CHR15	5359570	CHR15:5359570	SSF x LoA	-6,217	0,016	0,278
CHR15	5359574	CHR15:5359574	SSF x LoA	-9,186	0,022	0,290
CHR15	5359579	CHR15:5359579	SSF x LoA	-8,353	-0,030	0,283
CHR15	5359611	CHR15:5359611	SSF x LoA	-9,734	0,036	0,299
CHR15	5359612	CHR15:5359612	SSF x LoA	-10,920	-0,006	0,275
CHR15	5359621	CHR15:5359621	SSF x LoA	-9,081	-0,099	0,288
CHR15	5359630	CHR15:5359630	SSF x LoA	-8,216	-0,097	0,292
CHR15	5359636	CHR15:5359636	SSF x LoA	-9,525	-0,086	0,282
CHR15	536619	CHR15:536619	SSF x LoA	-9,969	-0,078	0,294
CHR15	536709	CHR15:536709	SSF x LoA	-7,414	-0,143	0,282
CHR15	5371953	CHR15:5371953	SSF x LoA	-10,289	0,004	0,285
CHR15	5372083	CHR15:5372083	SSF x LoA	-10,796	0,020	0,284
CHR15	5372123	CHR15:5372123	SSF x LoA	-9,839	0,109	0,274
CHR15	5385916	CHR15:5385916	SSF x LoA	-8,932	0,042	0,285
CHR15	5385917	CHR15:5385917	SSF x LoA	-9,114	0,049	0,298
CHR15	5385935	CHR15:5385935	SSF x LoA	-8,237	0,180	0,290
CHR15	5385943	CHR15:5385943	SSF x LoA	-5,527	0,171	0,288
CHR15	5385973	CHR15:5385973	SSF x LoA	2,783	-0,199	0,269

CHR15	5385991	CHR15:5385991	SSF x LoA	-6,859	-0,176	0,289
CHR15	5385996	CHR15:5385996	SSF x LoA	-4,024	-0,139	0,290
CHR15	5386019	CHR15:5386019	SSF x LoA	-9,919	0,072	0,287
CHR15	5402558	CHR15:5402558	SSF x LoA	-8,623	-0,071	0,286
CHR15	5402575	CHR15:5402575	SSF x LoA	-2,164	0,189	0,275
CHR15	5402671	CHR15:5402671	SSF x LoA	-6,819	-0,080	0,287
CHR15	5402713	CHR15:5402713	SSF x LoA	-9,255	-0,055	0,287
CHR15	5402715	CHR15:5402715	SSF x LoA	-4,671	-0,096	0,301
CHR15	5402720	CHR15:5402720	SSF x LoA	-9,224	-0,018	0,293
CHR15	5402723	CHR15:5402723	SSF x LoA	-7,872	-0,020	0,294
CHR15	5402731	CHR15:5402731	SSF x LoA	-8,023	-0,037	0,295
CHR15	5402745	CHR15:5402745	SSF x LoA	-9,201	-0,052	0,289
CHR15	5402764	CHR15:5402764	SSF x LoA	-8,070	0,114	0,278
CHR15	5402767	CHR15:5402767	SSF x LoA	-11,519	0,009	0,279
CHR15	5402777	CHR15:5402777	SSF x LoA	-6,728	0,026	0,275
CHR15	5402790	CHR15:5402790	SSF x LoA	-7,928	0,063	0,278
CHR15	5402792	CHR15:5402792	SSF x LoA	-8,971	0,006	0,278
CHR15	5402798	CHR15:5402798	SSF x LoA	-8,562	0,006	0,278
CHR15	5402812	CHR15:5402812	SSF x LoA	-6,611	-0,111	0,295
CHR15	5404380	CHR15:5404380	SSF x LoA	-9,473	0,041	0,282
CHR15	5408099	CHR15:5408099	SSF x LoA	0,107	0,061	0,287
CHR15	5408109	CHR15:5408109	SSF x LoA	-9,399	-0,088	0,290
CHR15	5408178	CHR15:5408178	SSF x LoA	-10,639	0,034	0,288
CHR15	5408224	CHR15:5408224	SSF x LoA	-7,136	-0,089	0,281
CHR15	5408243	CHR15:5408243	SSF x LoA	-9,085	-0,028	0,294
CHR15	5408257	CHR15:5408257	SSF x LoA	-8,806	0,085	0,267
CHR15	5408267	CHR15:5408267	SSF x LoA	-7,647	0,037	0,292
CHR15	5416092	CHR15:5416092	SSF x LoA	-9,206	0,003	0,284
CHR15	5416290	CHR15:5416290	SSF x LoA	-7,801	0,052	0,297
CHR15	5416474	CHR15:5416474	SSF x LoA	-7,894	0,118	0,298
CHR15	5443199	CHR15:5443199	SSF x LoA	-10,839	0,085	0,284
CHR15	5494610	CHR15:5494610	SSF x LoA	-8,004	-0,039	0,297
CHR15	5494746	CHR15:5494746	SSF x LoA	-8,632	-0,062	0,282
CHR15	5494771	CHR15:5494771	SSF x LoA	-9,983	0,034	0,284
CHR15	5494805	CHR15:5494805	SSF x LoA	-5,758	-0,020	0,299
CHR15	5494832	CHR15:5494832	SSF x LoA	-10,648	0,013	0,296
CHR15	5509103	CHR15:5509103	SSF x LoA	-8,291	-0,091	0,293
CHR15	5509182	CHR15:5509182	SSF x LoA	-9,648	0,001	0,291
CHR15	5509205	CHR15:5509205	SSF x LoA	-7,783	0,062	0,280
CHR15	5521713	CHR15:5521713	SSF x LoA	-6,622	-0,082	0,286
CHR15	5521756	CHR15:5521756	SSF x LoA	-10,513	-0,017	0,286
CHR15	5521808	CHR15:5521808	SSF x LoA	-6,423	-0,037	0,304
CHR15	553350	CHR15:553350	SSF x LoA	-11,307	0,031	0,288
CHR15	553691	CHR15:553691	SSF x LoA	-3,501	-0,090	0,285
CHR15	5537979	CHR15:5537979	SSF x LoA	-7,726	0,104	0,285
CHR15	5538271	CHR15:5538271	SSF x LoA	-9,531	-0,142	0,274
CHR15	5538277	CHR15:5538277	SSF x LoA	-9,351	0,007	0,300
CHR15	5538292	CHR15:5538292	SSF x LoA	-8,375	-0,095	0,281
CHR15	5549036	CHR15:5549036	SSF x LoA	-8,478	0,143	0,288
CHR15	5549112	CHR15:5549112	SSF x LoA	-6,115	0,091	0,288
CHR15	5549180	CHR15:5549180	SSF x LoA	-7,072	0,060	0,287
CHR15	5549194	CHR15:5549194	SSF x LoA	-8,173	-0,063	0,288
CHR15	5551206	CHR15:5551206	SSF x LoA	-8,789	-0,004	0,288

CHR15	5551255	CHR15:5551255	SSF x LoA	-9,080	0,106	0,282
CHR15	5551258	CHR15:5551258	SSF x LoA	-10,629	-0,042	0,294
CHR15	5551320	CHR15:5551320	SSF x LoA	-9,729	0,035	0,287
CHR15	5551339	CHR15:5551339	SSF x LoA	-8,154	0,092	0,296
CHR15	5551364	CHR15:5551364	SSF x LoA	-9,892	-0,006	0,274
CHR15	5551367	CHR15:5551367	SSF x LoA	-8,219	0,078	0,297
CHR15	5551391	CHR15:5551391	SSF x LoA	1,093	-0,112	0,275
CHR15	5551426	CHR15:5551426	SSF x LoA	-8,671	0,089	0,282
CHR15	5551428	CHR15:5551428	SSF x LoA	-7,648	-0,083	0,279
CHR15	5551472	CHR15:5551472	SSF x LoA	-9,395	0,064	0,286
CHR15	5551478	CHR15:5551478	SSF x LoA	-6,281	-0,146	0,274
CHR15	5555188	CHR15:5555188	SSF x LoA	-10,224	-0,066	0,293
CHR15	5555328	CHR15:5555328	SSF x LoA	-10,068	-0,139	0,287
CHR15	5555333	CHR15:5555333	SSF x LoA	-7,315	0,089	0,290
CHR15	5558418	CHR15:5558418	SSF x LoA	-11,305	-0,073	0,295
CHR15	5558899	CHR15:5558899	SSF x LoA	-8,582	0,088	0,283
CHR15	5558953	CHR15:5558953	SSF x LoA	-9,645	-0,103	0,273
CHR15	5568497	CHR15:5568497	SSF x LoA	-10,544	0,044	0,294
CHR15	5573182	CHR15:5573182	SSF x LoA	-0,288	-0,149	0,284
CHR15	5579615	CHR15:5579615	SSF x LoA	-10,328	0,117	0,283
CHR15	5589696	CHR15:5589696	SSF x LoA	1,433	-0,322	0,258
CHR15	5589808	CHR15:5589808	SSF x LoA	-3,046	-0,279	0,258
CHR15	5603363	CHR15:5603363	SSF x LoA	-8,355	0,070	0,294
CHR15	5603371	CHR15:5603371	SSF x LoA	-9,890	-0,026	0,282
CHR15	5603395	CHR15:5603395	SSF x LoA	-8,195	0,004	0,278
CHR15	5603397	CHR15:5603397	SSF x LoA	-6,830	0,027	0,274
CHR15	5603431	CHR15:5603431	SSF x LoA	-7,782	0,015	0,279
CHR15	5603433	CHR15:5603433	SSF x LoA	-9,266	-0,007	0,281
CHR15	5603455	CHR15:5603455	SSF x LoA	-8,564	-0,102	0,292
CHR15	5603459	CHR15:5603459	SSF x LoA	-11,248	0,039	0,293
CHR15	5612999	CHR15:5612999	SSF x LoA	-7,412	0,127	0,279
CHR15	5613039	CHR15:5613039	SSF x LoA	-6,510	-0,165	0,259
CHR15	5613088	CHR15:5613088	SSF x LoA	-9,518	0,064	0,287
CHR15	5613109	CHR15:5613109	SSF x LoA	-9,877	0,122	0,301
CHR15	5614819	CHR15:5614819	SSF x LoA	-2,751	0,073	0,291
CHR15	5614913	CHR15:5614913	SSF x LoA	-11,341	0,015	0,289
CHR15	5616608	CHR15:5616608	SSF x LoA	-9,715	-0,053	0,280
CHR15	5616666	CHR15:5616666	SSF x LoA	-7,931	-0,164	0,286
CHR15	5617275	CHR15:5617275	SSF x LoA	-6,878	0,171	0,288
CHR15	5628764	CHR15:5628764	SSF x LoA	-10,938	0,040	0,293
CHR15	563863	CHR15:563863	SSF x LoA	-10,937	0,082	0,271
CHR15	5640493	CHR15:5640493	SSF x LoA	-7,877	-0,014	0,294
CHR15	5640564	CHR15:5640564	SSF x LoA	-6,749	-0,009	0,304
CHR15	5647695	CHR15:5647695	SSF x LoA	-9,117	-0,127	0,277
CHR15	5647785	CHR15:5647785	SSF x LoA	-9,540	-0,033	0,288
CHR15	5658347	CHR15:5658347	SSF x LoA	-7,736	-0,064	0,291
CHR15	5658374	CHR15:5658374	SSF x LoA	-7,425	0,103	0,277
CHR15	5658375	CHR15:5658375	SSF x LoA	-5,872	0,089	0,283
CHR15	5658411	CHR15:5658411	SSF x LoA	-5,796	0,140	0,291
CHR15	5658431	CHR15:5658431	SSF x LoA	-8,292	0,071	0,292
CHR15	5658516	CHR15:5658516	SSF x LoA	-7,756	-0,044	0,296
CHR15	5658554	CHR15:5658554	SSF x LoA	-8,929	-0,025	0,290
CHR15	5666856	CHR15:5666856	SSF x LoA	-6,987	-0,096	0,296

CHR15	5666956	CHR15:5666956	SSF x LoA	-7,716	0,164	0,268
CHR15	5667163	CHR15:5667163	SSF x LoA	-6,971	-0,119	0,305
CHR15	5689905	CHR15:5689905	SSF x LoA	-7,920	0,179	0,281
CHR15	5689956	CHR15:5689956	SSF x LoA	-7,157	-0,114	0,284
CHR15	5690021	CHR15:5690021	SSF x LoA	-8,829	0,107	0,308
CHR15	5690036	CHR15:5690036	SSF x LoA	-9,236	-0,023	0,288
CHR15	5690108	CHR15:5690108	SSF x LoA	-6,561	-0,118	0,279
CHR15	5720611	CHR15:5720611	SSF x LoA	-6,796	-0,144	0,287
CHR15	5720775	CHR15:5720775	SSF x LoA	-5,659	-0,041	0,279
CHR15	5720786	CHR15:5720786	SSF x LoA	-7,381	-0,023	0,272
CHR15	5720835	CHR15:5720835	SSF x LoA	-6,983	0,006	0,291
CHR15	5720875	CHR15:5720875	SSF x LoA	0,144	0,270	0,263
CHR15	5720877	CHR15:5720877	SSF x LoA	-9,557	-0,034	0,277
CHR15	5720879	CHR15:5720879	SSF x LoA	-9,069	-0,058	0,280
CHR15	5720886	CHR15:5720886	SSF x LoA	-9,466	-0,075	0,294
CHR15	5720904	CHR15:5720904	SSF x LoA	3,226	0,245	0,271
CHR15	5720905	CHR15:5720905	SSF x LoA	-6,793	0,109	0,288
CHR15	5720951	CHR15:5720951	SSF x LoA	-9,770	-0,144	0,278
CHR15	5721008	CHR15:5721008	SSF x LoA	-8,273	0,005	0,297
CHR15	5721012	CHR15:5721012	SSF x LoA	-9,637	-0,011	0,300
CHR15	5732563	CHR15:5732563	SSF x LoA	-6,387	-0,065	0,296
CHR15	5732615	CHR15:5732615	SSF x LoA	-10,094	-0,154	0,262
CHR15	5732630	CHR15:5732630	SSF x LoA	-6,615	-0,115	0,279
CHR15	5732751	CHR15:5732751	SSF x LoA	-9,283	-0,143	0,294
CHR15	5732786	CHR15:5732786	SSF x LoA	-9,838	0,001	0,284
CHR15	5732796	CHR15:5732796	SSF x LoA	-9,420	0,151	0,296
CHR15	5732813	CHR15:5732813	SSF x LoA	-9,243	-0,010	0,297
CHR15	5742219	CHR15:5742219	SSF x LoA	-10,992	-0,047	0,279
CHR15	5742335	CHR15:5742335	SSF x LoA	-10,779	-0,050	0,277
CHR15	5742552	CHR15:5742552	SSF x LoA	-7,627	-0,153	0,290
CHR15	5742643	CHR15:5742643	SSF x LoA	-9,663	0,057	0,279
CHR15	5745980	CHR15:5745980	SSF x LoA	-8,241	0,019	0,290
CHR15	5760917	CHR15:5760917	SSF x LoA	-8,463	-0,033	0,298
CHR15	5760918	CHR15:5760918	SSF x LoA	-8,725	-0,051	0,289
CHR15	5761062	CHR15:5761062	SSF x LoA	-6,857	-0,155	0,289
CHR15	5767579	CHR15:5767579	SSF x LoA	-10,915	-0,005	0,297
CHR15	5767719	CHR15:5767719	SSF x LoA	-0,821	-0,195	0,274
CHR15	577243	CHR15:577243	SSF x LoA	-9,659	0,047	0,299
CHR15	577250	CHR15:577250	SSF x LoA	-8,781	0,056	0,300
CHR15	5774506	CHR15:5774506	SSF x LoA	-10,297	-0,098	0,286
CHR15	5778902	CHR15:5778902	SSF x LoA	-7,598	0,035	0,299
CHR15	5778953	CHR15:5778953	SSF x LoA	-8,885	0,053	0,294
CHR15	5794791	CHR15:5794791	SSF x LoA	-10,056	-0,073	0,286
CHR15	5794895	CHR15:5794895	SSF x LoA	-8,108	-0,048	0,296
CHR15	5794971	CHR15:5794971	SSF x LoA	-7,322	-0,080	0,303
CHR15	5795045	CHR15:5795045	SSF x LoA	-10,062	-0,057	0,277
CHR15	5810499	CHR15:5810499	SSF x LoA	-10,490	0,031	0,299
CHR15	5810509	CHR15:5810509	SSF x LoA	-7,641	0,026	0,291
CHR15	5810564	CHR15:5810564	SSF x LoA	-9,492	0,068	0,301
CHR15	5810567	CHR15:5810567	SSF x LoA	-7,112	0,090	0,291
CHR15	5810576	CHR15:5810576	SSF x LoA	-9,555	0,055	0,301
CHR15	5810636	CHR15:5810636	SSF x LoA	-9,041	-0,032	0,301
CHR15	5810670	CHR15:5810670	SSF x LoA	-7,382	0,072	0,280

CHR15	5810685	CHR15:5810685	SSF x LoA	-9,162	0,058	0,308
CHR15	5810704	CHR15:5810704	SSF x LoA	-8,099	0,099	0,290
CHR15	5810743	CHR15:5810743	SSF x LoA	-8,101	0,007	0,285
CHR15	5810753	CHR15:5810753	SSF x LoA	-3,344	0,016	0,283
CHR15	5810820	CHR15:5810820	SSF x LoA	-10,575	-0,030	0,289
CHR15	5810888	CHR15:5810888	SSF x LoA	-8,312	0,069	0,277
CHR15	5810892	CHR15:5810892	SSF x LoA	-8,464	0,128	0,304
CHR15	5810921	CHR15:5810921	SSF x LoA	-6,458	0,165	0,283
CHR15	5816903	CHR15:5816903	SSF x LoA	-6,755	0,171	0,279
CHR15	5817026	CHR15:5817026	SSF x LoA	-10,064	-0,035	0,298
CHR15	5843561	CHR15:5843561	SSF x LoA	-8,189	0,019	0,286
CHR15	5843562	CHR15:5843562	SSF x LoA	-10,844	-0,078	0,287
CHR15	5843580	CHR15:5843580	SSF x LoA	-10,811	-0,055	0,282
CHR15	5843616	CHR15:5843616	SSF x LoA	-9,495	-0,002	0,281
CHR15	5843622	CHR15:5843622	SSF x LoA	-9,751	-0,133	0,275
CHR15	5843646	CHR15:5843646	SSF x LoA	-7,211	-0,069	0,284
CHR15	5852222	CHR15:5852222	SSF x LoA	-8,596	-0,137	0,290
CHR15	5852258	CHR15:5852258	SSF x LoA	-8,658	0,015	0,282
CHR15	5860333	CHR15:5860333	SSF x LoA	-8,173	-0,096	0,287
CHR15	5866725	CHR15:5866725	SSF x LoA	-8,190	-0,108	0,300
CHR15	5913059	CHR15:5913059	SSF x LoA	-5,301	0,037	0,272
CHR15	5913062	CHR15:5913062	SSF x LoA	-7,915	-0,016	0,277
CHR15	5913081	CHR15:5913081	SSF x LoA	-7,778	-0,023	0,290
CHR15	593606	CHR15:593606	SSF x LoA	-9,936	0,043	0,289
CHR15	5936257	CHR15:5936257	SSF x LoA	-6,325	0,019	0,285
CHR15	595133	CHR15:595133	SSF x LoA	-9,924	0,041	0,291
CHR15	5967388	CHR15:5967388	SSF x LoA	-10,175	0,022	0,288
CHR15	597956	CHR15:597956	SSF x LoA	-7,286	-0,069	0,295
CHR15	5990630	CHR15:5990630	SSF x LoA	-10,875	0,081	0,283
CHR15	6008848	CHR15:6008848	SSF x LoA	-9,816	-0,099	0,283
CHR15	6008947	CHR15:6008947	SSF x LoA	-5,604	0,152	0,285
CHR15	6017234	CHR15:6017234	SSF x LoA	-9,556	-0,026	0,291
CHR15	6044394	CHR15:6044394	SSF x LoA	-5,631	0,084	0,296
CHR15	6044498	CHR15:6044498	SSF x LoA	-10,258	-0,036	0,289
CHR15	6048600	CHR15:6048600	SSF x LoA	-8,364	0,129	0,279
CHR15	6048893	CHR15:6048893	SSF x LoA	-11,720	0,023	0,296
CHR15	6058016	CHR15:6058016	SSF x LoA	-8,155	0,012	0,309
CHR15	6058172	CHR15:6058172	SSF x LoA	-7,339	0,077	0,291
CHR15	6058328	CHR15:6058328	SSF x LoA	-10,786	-0,032	0,280
CHR15	6075067	CHR15:6075067	SSF x LoA	-7,384	0,012	0,289
CHR15	6075118	CHR15:6075118	SSF x LoA	-6,596	0,011	0,311
CHR15	6075190	CHR15:6075190	SSF x LoA	-7,627	-0,102	0,289
CHR15	6075339	CHR15:6075339	SSF x LoA	-7,458	-0,108	0,288
CHR15	6084976	CHR15:6084976	SSF x LoA	-7,043	-0,087	0,305
CHR15	608764	CHR15:608764	SSF x LoA	-11,054	-0,067	0,294
CHR15	6093314	CHR15:6093314	SSF x LoA	-7,295	0,061	0,301
CHR15	6093477	CHR15:6093477	SSF x LoA	-8,167	-0,072	0,294
CHR15	6108612	CHR15:6108612	SSF x LoA	-10,969	-0,069	0,292
CHR15	6108703	CHR15:6108703	SSF x LoA	-9,329	-0,064	0,293
CHR15	6131400	CHR15:6131400	SSF x LoA	-5,192	0,162	0,286
CHR15	6135113	CHR15:6135113	SSF x LoA	-10,071	-0,034	0,285
CHR15	6135153	CHR15:6135153	SSF x LoA	-10,030	0,017	0,301
CHR15	6135165	CHR15:6135165	SSF x LoA	3,800	-0,253	0,271

CHR15	6135167	CHR15:6135167	SSF x LoA	-10,070	0,011	0,294
CHR15	6135176	CHR15:6135176	SSF x LoA	-8,123	-0,177	0,290
CHR15	6135317	CHR15:6135317	SSF x LoA	-5,755	0,183	0,272
CHR15	6136773	CHR15:6136773	SSF x LoA	-10,110	0,093	0,281
CHR15	6136920	CHR15:6136920	SSF x LoA	-6,797	0,135	0,297
CHR15	6136923	CHR15:6136923	SSF x LoA	-7,886	0,000	0,282
CHR15	6136960	CHR15:6136960	SSF x LoA	-8,297	-0,122	0,283
CHR15	6136985	CHR15:6136985	SSF x LoA	-7,948	0,124	0,282
CHR15	6136995	CHR15:6136995	SSF x LoA	-7,414	-0,065	0,288
CHR15	6144205	CHR15:6144205	SSF x LoA	-8,177	-0,137	0,274
CHR15	6144255	CHR15:6144255	SSF x LoA	-9,378	-0,093	0,294
CHR15	6144278	CHR15:6144278	SSF x LoA	-9,877	-0,042	0,285
CHR15	6144290	CHR15:6144290	SSF x LoA	-8,979	-0,017	0,294
CHR15	6144306	CHR15:6144306	SSF x LoA	-7,782	-0,039	0,295
CHR15	6144339	CHR15:6144339	SSF x LoA	-6,923	-0,041	0,293
CHR15	6144396	CHR15:6144396	SSF x LoA	-8,185	0,031	0,292
CHR15	6144420	CHR15:6144420	SSF x LoA	-8,912	-0,124	0,279
CHR15	6144458	CHR15:6144458	SSF x LoA	-8,011	0,008	0,308
CHR15	6144478	CHR15:6144478	SSF x LoA	-9,410	0,004	0,276
CHR15	6144519	CHR15:6144519	SSF x LoA	-9,080	-0,118	0,281
CHR15	6144529	CHR15:6144529	SSF x LoA	-7,021	-0,224	0,280
CHR15	6144610	CHR15:6144610	SSF x LoA	-8,474	-0,159	0,289
CHR15	6169420	CHR15:6169420	SSF x LoA	2,872	0,262	0,272
CHR15	6169606	CHR15:6169606	SSF x LoA	-5,863	0,206	0,283
CHR15	617914	CHR15:617914	SSF x LoA	-8,686	-0,077	0,284
CHR15	617927	CHR15:617927	SSF x LoA	-9,450	-0,099	0,289
CHR15	617972	CHR15:617972	SSF x LoA	-7,151	-0,179	0,276
CHR15	6184221	CHR15:6184221	SSF x LoA	-8,498	-0,030	0,284
CHR15	6184272	CHR15:6184272	SSF x LoA	-6,250	-0,108	0,279
CHR15	6184304	CHR15:6184304	SSF x LoA	-5,411	0,010	0,291
CHR15	6184336	CHR15:6184336	SSF x LoA	-9,778	-0,076	0,282
CHR15	6184524	CHR15:6184524	SSF x LoA	-8,517	0,019	0,309
CHR15	6188834	CHR15:6188834	SSF x LoA	-10,734	-0,012	0,299
CHR15	6188845	CHR15:6188845	SSF x LoA	-9,551	-0,071	0,293
CHR15	6188846	CHR15:6188846	SSF x LoA	-8,784	0,059	0,302
CHR15	6188908	CHR15:6188908	SSF x LoA	-8,750	-0,134	0,274
CHR15	6188916	CHR15:6188916	SSF x LoA	-9,536	-0,098	0,282
CHR15	6189061	CHR15:6189061	SSF x LoA	-8,057	0,075	0,283
CHR15	6196734	CHR15:6196734	SSF x LoA	-8,677	0,072	0,267
CHR15	6196756	CHR15:6196756	SSF x LoA	-10,406	0,039	0,276
CHR15	6196977	CHR15:6196977	SSF x LoA	-6,828	-0,070	0,299
CHR15	6206362	CHR15:6206362	SSF x LoA	-9,356	-0,093	0,299
CHR15	6208230	CHR15:6208230	SSF x LoA	-7,547	-0,123	0,286
CHR15	6208262	CHR15:6208262	SSF x LoA	-1,019	-0,123	0,305
CHR15	6208265	CHR15:6208265	SSF x LoA	-10,457	-0,045	0,286
CHR15	6208311	CHR15:6208311	SSF x LoA	-11,043	0,031	0,283
CHR15	6208323	CHR15:6208323	SSF x LoA	-8,646	-0,090	0,291
CHR15	6208360	CHR15:6208360	SSF x LoA	-9,768	0,058	0,284
CHR15	6208418	CHR15:6208418	SSF x LoA	-8,952	-0,009	0,289
CHR15	6208478	CHR15:6208478	SSF x LoA	-8,316	0,063	0,293
CHR15	6208485	CHR15:6208485	SSF x LoA	-10,707	-0,095	0,284
CHR15	6223851	CHR15:6223851	SSF x LoA	-6,490	0,011	0,307
CHR15	6223861	CHR15:6223861	SSF x LoA	-5,495	-0,240	0,273

CHR15	6223966	CHR15:6223966	SSF x LoA	-10,071	-0,050	0,290
CHR15	6224103	CHR15:6224103	SSF x LoA	-8,525	0,046	0,280
CHR15	6225700	CHR15:6225700	SSF x LoA	-10,140	0,109	0,288
CHR15	6225774	CHR15:6225774	SSF x LoA	-7,552	-0,028	0,293
CHR15	6237089	CHR15:6237089	SSF x LoA	-9,597	-0,008	0,278
CHR15	6237168	CHR15:6237168	SSF x LoA	-8,776	-0,083	0,291
CHR15	6237187	CHR15:6237187	SSF x LoA	-8,549	-0,017	0,293
CHR15	623803	CHR15:623803	SSF x LoA	-7,409	-0,148	0,284
CHR15	623978	CHR15:623978	SSF x LoA	-9,499	-0,159	0,288
CHR15	624125	CHR15:624125	SSF x LoA	-9,362	0,067	0,306
CHR15	6245788	CHR15:6245788	SSF x LoA	-7,832	-0,083	0,284
CHR15	6245832	CHR15:6245832	SSF x LoA	-8,146	-0,112	0,285
CHR15	6251713	CHR15:6251713	SSF x LoA	-8,250	0,097	0,291
CHR15	6251745	CHR15:6251745	SSF x LoA	-9,710	0,035	0,270
CHR15	6251806	CHR15:6251806	SSF x LoA	-8,268	-0,077	0,292
CHR15	6269527	CHR15:6269527	SSF x LoA	-8,560	0,004	0,302
CHR15	6274485	CHR15:6274485	SSF x LoA	-10,138	-0,022	0,296
CHR15	6274565	CHR15:6274565	SSF x LoA	-10,211	-0,018	0,285
CHR15	6275155	CHR15:6275155	SSF x LoA	-8,616	-0,069	0,293
CHR15	6275208	CHR15:6275208	SSF x LoA	-5,027	-0,164	0,278
CHR15	6275227	CHR15:6275227	SSF x LoA	-7,522	-0,194	0,267
CHR15	6276280	CHR15:6276280	SSF x LoA	-7,559	-0,050	0,296
CHR15	6276421	CHR15:6276421	SSF x LoA	-7,413	0,114	0,283
CHR15	6276432	CHR15:6276432	SSF x LoA	-10,821	-0,018	0,287
CHR15	6288912	CHR15:6288912	SSF x LoA	-10,953	-0,076	0,274
CHR15	6288933	CHR15:6288933	SSF x LoA	-8,382	-0,004	0,280
CHR15	6289018	CHR15:6289018	SSF x LoA	-9,902	-0,107	0,287
CHR15	6289022	CHR15:6289022	SSF x LoA	-9,476	-0,089	0,290
CHR15	6289047	CHR15:6289047	SSF x LoA	-10,202	-0,088	0,268
CHR15	6289056	CHR15:6289056	SSF x LoA	-8,172	0,102	0,287
CHR15	6289075	CHR15:6289075	SSF x LoA	-8,513	-0,071	0,290
CHR15	6289100	CHR15:6289100	SSF x LoA	-7,090	0,098	0,286
CHR15	6289103	CHR15:6289103	SSF x LoA	-7,222	0,067	0,284
CHR15	6289119	CHR15:6289119	SSF x LoA	-6,841	0,119	0,292
CHR15	6295475	CHR15:6295475	SSF x LoA	-4,914	0,134	0,284
CHR15	6300972	CHR15:6300972	SSF x LoA	-11,652	0,017	0,293
CHR15	6304896	CHR15:6304896	SSF x LoA	-7,167	0,053	0,296
CHR15	631904	CHR15:631904	SSF x LoA	-8,447	-0,179	0,284
CHR15	6324018	CHR15:6324018	SSF x LoA	-8,356	-0,040	0,287
CHR15	6324038	CHR15:6324038	SSF x LoA	-6,070	0,015	0,298
CHR15	6324043	CHR15:6324043	SSF x LoA	-7,736	0,002	0,291
CHR15	6324148	CHR15:6324148	SSF x LoA	-8,457	-0,003	0,298
CHR15	6324556	CHR15:6324556	SSF x LoA	-7,967	-0,008	0,289
CHR15	6324572	CHR15:6324572	SSF x LoA	-8,375	-0,010	0,283
CHR15	6334423	CHR15:6334423	SSF x LoA	-9,456	0,050	0,284
CHR15	6337015	CHR15:6337015	SSF x LoA	-8,391	0,055	0,277
CHR15	6337037	CHR15:6337037	SSF x LoA	-7,979	-0,019	0,296
CHR15	6337074	CHR15:6337074	SSF x LoA	-8,641	0,003	0,292
CHR15	6378825	CHR15:6378825	SSF x LoA	-7,691	-0,172	0,293
CHR15	6378837	CHR15:6378837	SSF x LoA	2,212	0,067	0,293
CHR15	6378868	CHR15:6378868	SSF x LoA	-4,408	-0,153	0,295
CHR15	6378885	CHR15:6378885	SSF x LoA	-8,211	0,023	0,292
CHR15	6378905	CHR15:6378905	SSF x LoA	-9,628	-0,016	0,288

CHR15	6378906	CHR15:6378906	SSF x LoA	-8,175	-0,021	0,299
CHR15	6379020	CHR15:6379020	SSF x LoA	-5,824	0,091	0,294
CHR15	6379031	CHR15:6379031	SSF x LoA	-9,177	0,027	0,288
CHR15	6379062	CHR15:6379062	SSF x LoA	-9,259	-0,028	0,291
CHR15	6381629	CHR15:6381629	SSF x LoA	-7,444	-0,105	0,282
CHR15	6381649	CHR15:6381649	SSF x LoA	-10,878	-0,009	0,287
CHR15	6381801	CHR15:6381801	SSF x LoA	-9,023	0,036	0,278
CHR15	6384680	CHR15:6384680	SSF x LoA	-8,303	0,119	0,290
CHR15	6391590	CHR15:6391590	SSF x LoA	-7,393	-0,115	0,295
CHR15	6391672	CHR15:6391672	SSF x LoA	-8,878	-0,117	0,278
CHR15	6391686	CHR15:6391686	SSF x LoA	-6,867	-0,170	0,287
CHR15	6415786	CHR15:6415786	SSF x LoA	-9,415	0,024	0,290
CHR15	6417826	CHR15:6417826	SSF x LoA	-5,796	0,128	0,291
CHR15	6417854	CHR15:6417854	SSF x LoA	-6,295	0,187	0,271
CHR15	6417940	CHR15:6417940	SSF x LoA	-10,094	-0,002	0,290
CHR15	6453986	CHR15:6453986	SSF x LoA	-10,330	0,012	0,290
CHR15	6454014	CHR15:6454014	SSF x LoA	-9,872	-0,083	0,285
CHR15	6454105	CHR15:6454105	SSF x LoA	-7,805	-0,064	0,308
CHR15	6454116	CHR15:6454116	SSF x LoA	-7,786	0,019	0,298
CHR15	6454126	CHR15:6454126	SSF x LoA	-7,409	-0,024	0,306
CHR15	6454151	CHR15:6454151	SSF x LoA	-3,735	0,104	0,295
CHR15	6454170	CHR15:6454170	SSF x LoA	-8,584	-0,015	0,300
CHR15	6459456	CHR15:6459456	SSF x LoA	-6,241	0,104	0,295
CHR15	6459670	CHR15:6459670	SSF x LoA	-8,391	0,151	0,277
CHR15	6466573	CHR15:6466573	SSF x LoA	-9,738	0,058	0,284
CHR15	6466596	CHR15:6466596	SSF x LoA	-7,518	0,098	0,281
CHR15	6466611	CHR15:6466611	SSF x LoA	-9,302	0,020	0,302
CHR15	6466639	CHR15:6466639	SSF x LoA	-8,500	0,099	0,293
CHR15	6466691	CHR15:6466691	SSF x LoA	-10,022	0,047	0,278
CHR15	6466710	CHR15:6466710	SSF x LoA	-8,097	0,036	0,293
CHR15	6466743	CHR15:6466743	SSF x LoA	-8,647	0,075	0,284
CHR15	6466753	CHR15:6466753	SSF x LoA	-9,330	0,111	0,291
CHR15	648497	CHR15:648497	SSF x LoA	-6,292	0,138	0,296
CHR15	648704	CHR15:648704	SSF x LoA	-8,618	-0,170	0,267
CHR15	6491745	CHR15:6491745	SSF x LoA	-8,809	0,024	0,302
CHR15	6492113	CHR15:6492113	SSF x LoA	-7,042	-0,166	0,284
CHR15	6497256	CHR15:6497256	SSF x LoA	-10,330	0,015	0,282
CHR15	6497274	CHR15:6497274	SSF x LoA	-7,494	0,173	0,276
CHR15	6497293	CHR15:6497293	SSF x LoA	-6,733	0,132	0,275
CHR15	6497300	CHR15:6497300	SSF x LoA	-8,822	0,076	0,295
CHR15	6497349	CHR15:6497349	SSF x LoA	-9,211	-0,098	0,279
CHR15	6498185	CHR15:6498185	SSF x LoA	-9,098	-0,074	0,296
CHR15	6498205	CHR15:6498205	SSF x LoA	-5,779	-0,135	0,300
CHR15	6514611	CHR15:6514611	SSF x LoA	-12,282	0,003	0,275
CHR15	6514682	CHR15:6514682	SSF x LoA	-10,397	0,075	0,302
CHR15	6540489	CHR15:6540489	SSF x LoA	-10,410	-0,051	0,288
CHR15	6540490	CHR15:6540490	SSF x LoA	-10,212	-0,036	0,295
CHR15	6540525	CHR15:6540525	SSF x LoA	-6,194	-0,096	0,282
CHR15	6540555	CHR15:6540555	SSF x LoA	-7,432	0,138	0,304
CHR15	6540603	CHR15:6540603	SSF x LoA	-4,608	-0,221	0,270
CHR15	6544997	CHR15:6544997	SSF x LoA	-8,176	0,077	0,291
CHR15	6545089	CHR15:6545089	SSF x LoA	-8,039	-0,101	0,284
CHR15	6545099	CHR15:6545099	SSF x LoA	-7,249	-0,062	0,297

CHR15	6545110	CHR15:6545110	SSF x LoA	-9,782	0,036	0,292
CHR15	6545188	CHR15:6545188	SSF x LoA	-7,711	-0,104	0,278
CHR15	6545222	CHR15:6545222	SSF x LoA	-8,916	0,047	0,271
CHR15	6563445	CHR15:6563445	SSF x LoA	-8,140	-0,028	0,297
CHR15	6563621	CHR15:6563621	SSF x LoA	-8,553	-0,028	0,299
CHR15	6576165	CHR15:6576165	SSF x LoA	-9,442	-0,070	0,291
CHR15	6578902	CHR15:6578902	SSF x LoA	-6,919	0,040	0,280
CHR15	6585870	CHR15:6585870	SSF x LoA	-11,886	0,027	0,283
CHR15	6585910	CHR15:6585910	SSF x LoA	-7,711	0,062	0,313
CHR15	6585985	CHR15:6585985	SSF x LoA	6,519	0,064	0,290
CHR15	6591893	CHR15:6591893	SSF x LoA	-11,177	0,088	0,284
CHR15	6592122	CHR15:6592122	SSF x LoA	-8,783	0,044	0,274
CHR15	6600622	CHR15:6600622	SSF x LoA	-7,334	0,081	0,295
CHR15	6600623	CHR15:6600623	SSF x LoA	-8,012	0,058	0,311
CHR15	6600667	CHR15:6600667	SSF x LoA	-8,507	-0,032	0,280
CHR15	6600684	CHR15:6600684	SSF x LoA	-7,792	-0,025	0,284
CHR15	6600819	CHR15:6600819	SSF x LoA	-9,221	-0,073	0,290
CHR15	6610097	CHR15:6610097	SSF x LoA	-10,456	-0,046	0,291
CHR15	6610349	CHR15:6610349	SSF x LoA	-9,134	-0,117	0,285
CHR15	6613196	CHR15:6613196	SSF x LoA	-7,854	-0,172	0,278
CHR15	6613369	CHR15:6613369	SSF x LoA	-10,005	0,124	0,290
CHR15	6613411	CHR15:6613411	SSF x LoA	-10,990	0,022	0,289
CHR15	6613428	CHR15:6613428	SSF x LoA	-8,765	0,006	0,276
CHR15	6625176	CHR15:6625176	SSF x LoA	-7,992	0,017	0,300
CHR15	6625201	CHR15:6625201	SSF x LoA	-3,407	0,197	0,286
CHR15	6625221	CHR15:6625221	SSF x LoA	-5,788	0,012	0,299
CHR15	6625229	CHR15:6625229	SSF x LoA	-10,474	0,024	0,289
CHR15	6625322	CHR15:6625322	SSF x LoA	-8,558	0,120	0,284
CHR15	6625350	CHR15:6625350	SSF x LoA	-7,627	0,075	0,290
CHR15	6635808	CHR15:6635808	SSF x LoA	-7,006	0,013	0,291
CHR15	6635824	CHR15:6635824	SSF x LoA	-9,172	0,000	0,277
CHR15	6635877	CHR15:6635877	SSF x LoA	-7,549	0,021	0,293
CHR15	6653088	CHR15:6653088	SSF x LoA	-10,876	-0,016	0,280
CHR15	6653261	CHR15:6653261	SSF x LoA	-7,007	-0,097	0,290
CHR15	6653381	CHR15:6653381	SSF x LoA	-11,810	0,019	0,279
CHR15	6657709	CHR15:6657709	SSF x LoA	-11,088	0,103	0,281
CHR15	6657841	CHR15:6657841	SSF x LoA	-9,457	-0,001	0,299
CHR15	6657850	CHR15:6657850	SSF x LoA	-3,196	-0,199	0,281
CHR15	6657878	CHR15:6657878	SSF x LoA	-8,224	-0,059	0,293
CHR15	6657882	CHR15:6657882	SSF x LoA	-8,545	-0,038	0,289
CHR15	6664643	CHR15:6664643	SSF x LoA	7,312	0,044	0,290
CHR15	6674432	CHR15:6674432	SSF x LoA	-6,301	-0,072	0,290
CHR15	668654	CHR15:668654	SSF x LoA	-7,648	-0,077	0,287
CHR15	668658	CHR15:668658	SSF x LoA	-9,354	-0,004	0,306
CHR15	668777	CHR15:668777	SSF x LoA	-8,947	-0,070	0,294
CHR15	669061	CHR15:669061	SSF x LoA	-7,696	0,106	0,286
CHR15	6699928	CHR15:6699928	SSF x LoA	-8,031	-0,096	0,278
CHR15	6699935	CHR15:6699935	SSF x LoA	-10,662	0,092	0,278
CHR15	6699998	CHR15:6699998	SSF x LoA	-11,018	0,060	0,285
CHR15	6704842	CHR15:6704842	SSF x LoA	-10,689	0,093	0,286
CHR15	6704985	CHR15:6704985	SSF x LoA	-4,286	0,188	0,275
CHR15	6705069	CHR15:6705069	SSF x LoA	-7,671	0,137	0,267
CHR15	6718424	CHR15:6718424	SSF x LoA	-9,700	0,040	0,293

CHR15	6719608	CHR15:6719608	SSF x LoA	-6,338	0,173	0,287
CHR15	6725113	CHR15:6725113	SSF x LoA	-8,648	0,015	0,285
CHR15	6725149	CHR15:6725149	SSF x LoA	-10,372	0,025	0,281
CHR15	6726073	CHR15:6726073	SSF x LoA	-9,722	0,028	0,285
CHR15	6736340	CHR15:6736340	SSF x LoA	-8,962	0,028	0,265
CHR15	6738885	CHR15:6738885	SSF x LoA	-9,896	0,000	0,288
CHR15	6739186	CHR15:6739186	SSF x LoA	-8,958	0,098	0,276
CHR15	6758944	CHR15:6758944	SSF x LoA	-10,448	0,048	0,286
CHR15	6758958	CHR15:6758958	SSF x LoA	-9,141	0,103	0,293
CHR15	6758996	CHR15:6758996	SSF x LoA	-9,096	0,019	0,293
CHR15	6763439	CHR15:6763439	SSF x LoA	-6,335	0,151	0,289
CHR15	6771908	CHR15:6771908	SSF x LoA	-3,926	0,032	0,295
CHR15	6772101	CHR15:6772101	SSF x LoA	-5,566	-0,165	0,288
CHR15	6772125	CHR15:6772125	SSF x LoA	-9,822	0,057	0,291
CHR15	6772176	CHR15:6772176	SSF x LoA	-8,172	0,090	0,279
CHR15	6773303	CHR15:6773303	SSF x LoA	-9,551	0,056	0,295
CHR15	6785991	CHR15:6785991	SSF x LoA	-9,657	-0,006	0,294
CHR15	6787478	CHR15:6787478	SSF x LoA	-8,815	-0,052	0,274
CHR15	6789120	CHR15:6789120	SSF x LoA	-10,048	-0,110	0,277
CHR15	6791561	CHR15:6791561	SSF x LoA	-10,990	0,082	0,280
CHR15	6791601	CHR15:6791601	SSF x LoA	-6,544	-0,124	0,289
CHR15	6791627	CHR15:6791627	SSF x LoA	-5,651	-0,119	0,288
CHR15	6791629	CHR15:6791629	SSF x LoA	-10,193	0,033	0,290
CHR15	6791701	CHR15:6791701	SSF x LoA	-10,394	-0,007	0,301
CHR15	6800809	CHR15:6800809	SSF x LoA	-9,970	0,014	0,296
CHR15	6800855	CHR15:6800855	SSF x LoA	-9,026	0,067	0,272
CHR15	6800866	CHR15:6800866	SSF x LoA	-6,490	0,028	0,296
CHR15	6805047	CHR15:6805047	SSF x LoA	-7,574	0,074	0,311
CHR15	6805393	CHR15:6805393	SSF x LoA	-3,619	-0,231	0,272
CHR15	6810046	CHR15:6810046	SSF x LoA	-8,999	0,101	0,290
CHR15	6810051	CHR15:6810051	SSF x LoA	-9,347	0,081	0,299
CHR15	6810052	CHR15:6810052	SSF x LoA	-9,918	0,058	0,283
CHR15	6810073	CHR15:6810073	SSF x LoA	-9,034	-0,100	0,292
CHR15	6810083	CHR15:6810083	SSF x LoA	-6,695	0,015	0,295
CHR15	6810133	CHR15:6810133	SSF x LoA	-8,978	0,045	0,286
CHR15	6810142	CHR15:6810142	SSF x LoA	-8,060	0,051	0,283
CHR15	6810192	CHR15:6810192	SSF x LoA	-9,734	0,030	0,281
CHR15	6810198	CHR15:6810198	SSF x LoA	-8,163	-0,026	0,302
CHR15	6810210	CHR15:6810210	SSF x LoA	-10,158	0,135	0,290
CHR15	6810279	CHR15:6810279	SSF x LoA	-7,168	-0,074	0,297
CHR15	6812694	CHR15:6812694	SSF x LoA	-8,612	0,151	0,287
CHR15	6821734	CHR15:6821734	SSF x LoA	-9,517	-0,022	0,296
CHR15	6821798	CHR15:6821798	SSF x LoA	-8,386	0,026	0,263
CHR15	6831712	CHR15:6831712	SSF x LoA	-12,174	0,021	0,282
CHR15	6831810	CHR15:6831810	SSF x LoA	-6,986	0,012	0,282
CHR15	6831828	CHR15:6831828	SSF x LoA	-9,537	0,058	0,280
CHR15	6845641	CHR15:6845641	SSF x LoA	-6,965	-0,180	0,283
CHR15	6845668	CHR15:6845668	SSF x LoA	-5,521	-0,106	0,289
CHR15	6845719	CHR15:6845719	SSF x LoA	-7,211	-0,137	0,288
CHR15	6845746	CHR15:6845746	SSF x LoA	-10,957	-0,007	0,292
CHR15	6861840	CHR15:6861840	SSF x LoA	-11,230	-0,031	0,293
CHR15	6861867	CHR15:6861867	SSF x LoA	-7,828	-0,095	0,296
CHR15	6861951	CHR15:6861951	SSF x LoA	-8,091	0,011	0,285

CHR15	6861967	CHR15:6861967	SSF x LoA	-9,798	0,050	0,289
CHR15	6863010	CHR15:6863010	SSF x LoA	-6,398	-0,019	0,298
CHR15	6863032	CHR15:6863032	SSF x LoA	-8,609	-0,030	0,290
CHR15	6863049	CHR15:6863049	SSF x LoA	-8,090	-0,002	0,298
CHR15	6863072	CHR15:6863072	SSF x LoA	3,348	-0,065	0,287
CHR15	6863074	CHR15:6863074	SSF x LoA	-11,259	0,029	0,299
CHR15	6863100	CHR15:6863100	SSF x LoA	-9,643	-0,124	0,277
CHR15	6863116	CHR15:6863116	SSF x LoA	-9,531	0,013	0,312
CHR15	6871273	CHR15:6871273	SSF x LoA	-9,616	0,054	0,290
CHR15	6881432	CHR15:6881432	SSF x LoA	-9,874	-0,060	0,295
CHR15	6886468	CHR15:6886468	SSF x LoA	-6,734	-0,008	0,289
CHR15	6886692	CHR15:6886692	SSF x LoA	-7,837	-0,058	0,286
CHR15	6899163	CHR15:6899163	SSF x LoA	-10,480	-0,023	0,293
CHR15	6899214	CHR15:6899214	SSF x LoA	-8,309	-0,046	0,288
CHR15	6899284	CHR15:6899284	SSF x LoA	-7,673	-0,018	0,280
CHR15	6899302	CHR15:6899302	SSF x LoA	-7,713	-0,112	0,294
CHR15	6899403	CHR15:6899403	SSF x LoA	-11,710	0,016	0,303
CHR15	6930531	CHR15:6930531	SSF x LoA	-7,806	0,151	0,286
CHR15	6930720	CHR15:6930720	SSF x LoA	-1,525	-0,314	0,263
CHR15	6934633	CHR15:6934633	SSF x LoA	-9,041	-0,050	0,296
CHR15	6936549	CHR15:6936549	SSF x LoA	-8,508	-0,019	0,281
CHR15	6936563	CHR15:6936563	SSF x LoA	-8,157	0,074	0,287
CHR15	6936570	CHR15:6936570	SSF x LoA	-8,214	0,042	0,306
CHR15	6936603	CHR15:6936603	SSF x LoA	-6,955	0,123	0,287
CHR15	6936626	CHR15:6936626	SSF x LoA	-7,880	-0,217	0,275
CHR15	6936698	CHR15:6936698	SSF x LoA	-6,373	0,053	0,299
CHR15	6936703	CHR15:6936703	SSF x LoA	-8,506	0,009	0,299
CHR15	6964050	CHR15:6964050	SSF x LoA	-10,127	0,023	0,311
CHR15	6964117	CHR15:6964117	SSF x LoA	-10,912	0,013	0,287
CHR15	6964122	CHR15:6964122	SSF x LoA	-7,869	-0,036	0,315
CHR15	6964124	CHR15:6964124	SSF x LoA	-7,577	-0,039	0,303
CHR15	6964168	CHR15:6964168	SSF x LoA	-8,917	0,042	0,291
CHR15	6964181	CHR15:6964181	SSF x LoA	-10,300	0,073	0,306
CHR15	6964183	CHR15:6964183	SSF x LoA	-10,188	-0,017	0,295
CHR15	6964288	CHR15:6964288	SSF x LoA	-7,256	-0,120	0,282
CHR15	6964347	CHR15:6964347	SSF x LoA	-8,652	-0,003	0,275
CHR15	6964353	CHR15:6964353	SSF x LoA	-8,670	0,007	0,298
CHR15	6966153	CHR15:6966153	SSF x LoA	-7,557	-0,078	0,276
CHR15	6975276	CHR15:6975276	SSF x LoA	-7,772	-0,069	0,308
CHR15	6975308	CHR15:6975308	SSF x LoA	-9,544	-0,052	0,299
CHR15	6975317	CHR15:6975317	SSF x LoA	-7,854	-0,086	0,293
CHR15	6975371	CHR15:6975371	SSF x LoA	-6,632	-0,130	0,283
CHR15	6975380	CHR15:6975380	SSF x LoA	6,475	0,134	0,287
CHR15	6975385	CHR15:6975385	SSF x LoA	-7,746	0,138	0,293
CHR15	6975444	CHR15:6975444	SSF x LoA	-9,045	0,044	0,282
CHR15	6975462	CHR15:6975462	SSF x LoA	-3,254	-0,050	0,297
CHR15	6979071	CHR15:6979071	SSF x LoA	-10,844	0,015	0,275
CHR15	6980215	CHR15:6980215	SSF x LoA	-4,581	-0,182	0,288
CHR15	6980237	CHR15:6980237	SSF x LoA	-9,762	0,089	0,266
CHR15	6980238	CHR15:6980238	SSF x LoA	-3,488	0,148	0,274
CHR15	6980242	CHR15:6980242	SSF x LoA	-8,607	0,104	0,275
CHR15	6980245	CHR15:6980245	SSF x LoA	-11,475	0,037	0,286
CHR15	6980376	CHR15:6980376	SSF x LoA	-4,765	-0,177	0,288

CHR15	7001889	CHR15:7001889	SSF x LoA	-8,518	0,002	0,310
CHR15	7001921	CHR15:7001921	SSF x LoA	-9,184	0,028	0,288
CHR15	7001949	CHR15:7001949	SSF x LoA	-7,367	0,066	0,294
CHR15	7001968	CHR15:7001968	SSF x LoA	-8,359	0,002	0,293
CHR15	7006743	CHR15:7006743	SSF x LoA	-7,951	0,000	0,295
CHR15	7041284	CHR15:7041284	SSF x LoA	-8,676	-0,063	0,276
CHR15	7043427	CHR15:7043427	SSF x LoA	-4,552	-0,134	0,293
CHR15	7043430	CHR15:7043430	SSF x LoA	-7,422	-0,090	0,305
CHR15	7043465	CHR15:7043465	SSF x LoA	-9,269	-0,047	0,303
CHR15	7043483	CHR15:7043483	SSF x LoA	-8,315	-0,162	0,284
CHR15	7044604	CHR15:7044604	SSF x LoA	2,859	-0,095	0,307
CHR15	7044638	CHR15:7044638	SSF x LoA	-8,576	-0,117	0,280
CHR15	7044698	CHR15:7044698	SSF x LoA	-9,956	-0,063	0,308
CHR15	7044718	CHR15:7044718	SSF x LoA	-8,989	-0,028	0,296
CHR15	7058000	CHR15:7058000	SSF x LoA	-10,899	-0,045	0,288
CHR15	705926	CHR15:705926	SSF x LoA	-2,027	-0,088	0,287
CHR15	706090	CHR15:706090	SSF x LoA	-11,005	0,055	0,277
CHR15	706128	CHR15:706128	SSF x LoA	-7,725	-0,116	0,277
CHR15	7061542	CHR15:7061542	SSF x LoA	-8,442	0,016	0,284
CHR15	7065167	CHR15:7065167	SSF x LoA	-8,904	-0,146	0,289
CHR15	7065236	CHR15:7065236	SSF x LoA	-8,897	0,016	0,287
CHR15	7076692	CHR15:7076692	SSF x LoA	-8,261	0,075	0,289
CHR15	7087097	CHR15:7087097	SSF x LoA	-10,460	0,015	0,282
CHR15	7115218	CHR15:7115218	SSF x LoA	-9,488	-0,029	0,283
CHR15	7115258	CHR15:7115258	SSF x LoA	-9,560	-0,054	0,275
CHR15	7115268	CHR15:7115268	SSF x LoA	-11,474	0,002	0,291
CHR15	7127311	CHR15:7127311	SSF x LoA	-8,518	0,047	0,289
CHR15	7127379	CHR15:7127379	SSF x LoA	-9,663	-0,131	0,288
CHR15	7127489	CHR15:7127489	SSF x LoA	-8,099	-0,003	0,285
CHR15	7127494	CHR15:7127494	SSF x LoA	-7,253	0,080	0,287
CHR15	7127521	CHR15:7127521	SSF x LoA	-11,224	-0,020	0,280
CHR15	7127522	CHR15:7127522	SSF x LoA	-7,305	0,075	0,282
CHR15	7141565	CHR15:7141565	SSF x LoA	-7,368	-0,104	0,277
CHR15	7141573	CHR15:7141573	SSF x LoA	-6,158	-0,091	0,291
CHR15	7141704	CHR15:7141704	SSF x LoA	-8,772	0,123	0,291
CHR15	7141727	CHR15:7141727	SSF x LoA	-7,367	0,040	0,303
CHR15	7141768	CHR15:7141768	SSF x LoA	-6,108	-0,179	0,284
CHR15	7141811	CHR15:7141811	SSF x LoA	-8,219	-0,222	0,279
CHR15	7141830	CHR15:7141830	SSF x LoA	-8,046	0,112	0,288
CHR15	7151252	CHR15:7151252	SSF x LoA	-9,509	-0,070	0,303
CHR15	7151379	CHR15:7151379	SSF x LoA	-0,489	-0,047	0,294
CHR15	7151595	CHR15:7151595	SSF x LoA	-8,737	0,078	0,300
CHR15	7151608	CHR15:7151608	SSF x LoA	-7,061	0,087	0,299
CHR15	7151716	CHR15:7151716	SSF x LoA	-8,094	0,095	0,281
CHR15	7151756	CHR15:7151756	SSF x LoA	-7,192	-0,054	0,294
CHR15	7154028	CHR15:7154028	SSF x LoA	-8,967	0,098	0,283
CHR15	7154058	CHR15:7154058	SSF x LoA	-9,509	0,046	0,298
CHR15	7154124	CHR15:7154124	SSF x LoA	-9,564	-0,018	0,293
CHR15	7170298	CHR15:7170298	SSF x LoA	-5,489	0,047	0,293
CHR15	7170332	CHR15:7170332	SSF x LoA	-3,866	-0,182	0,288
CHR15	7170452	CHR15:7170452	SSF x LoA	-8,202	-0,059	0,300
CHR15	7175232	CHR15:7175232	SSF x LoA	-10,993	-0,002	0,285
CHR15	7175317	CHR15:7175317	SSF x LoA	-8,258	-0,053	0,280

CHR15	7175391	CHR15:7175391	SSF x LoA	-7,644	0,020	0,303
CHR15	7184850	CHR15:7184850	SSF x LoA	-8,932	-0,055	0,296
CHR15	7184887	CHR15:7184887	SSF x LoA	-7,559	0,064	0,283
CHR15	7184934	CHR15:7184934	SSF x LoA	-8,369	0,042	0,280
CHR15	7187846	CHR15:7187846	SSF x LoA	-7,943	0,084	0,284
CHR15	7188020	CHR15:7188020	SSF x LoA	-10,603	-0,096	0,271
CHR15	720816	CHR15:720816	SSF x LoA	-6,974	-0,020	0,297
CHR15	722173	CHR15:722173	SSF x LoA	-7,957	0,125	0,289
CHR15	722239	CHR15:722239	SSF x LoA	-7,966	-0,061	0,291
CHR15	722318	CHR15:722318	SSF x LoA	-9,139	0,128	0,292
CHR15	722363	CHR15:722363	SSF x LoA	-10,099	0,021	0,292
CHR15	7232432	CHR15:7232432	SSF x LoA	-5,796	0,016	0,276
CHR15	7232512	CHR15:7232512	SSF x LoA	-9,255	0,107	0,291
CHR15	7232724	CHR15:7232724	SSF x LoA	-7,934	0,056	0,286
CHR15	7232739	CHR15:7232739	SSF x LoA	-10,549	0,032	0,295
CHR15	7232897	CHR15:7232897	SSF x LoA	-7,617	-0,068	0,293
CHR15	7247113	CHR15:7247113	SSF x LoA	-6,214	0,000	0,292
CHR15	7247273	CHR15:7247273	SSF x LoA	-9,243	0,063	0,302
CHR15	7254234	CHR15:7254234	SSF x LoA	-8,034	0,095	0,285
CHR15	7254291	CHR15:7254291	SSF x LoA	-5,814	0,029	0,296
CHR15	7254371	CHR15:7254371	SSF x LoA	-9,144	0,018	0,280
CHR15	7254422	CHR15:7254422	SSF x LoA	-9,358	-0,048	0,286
CHR15	7254457	CHR15:7254457	SSF x LoA	-10,085	-0,019	0,295
CHR15	7254498	CHR15:7254498	SSF x LoA	-7,683	0,107	0,290
CHR15	7260468	CHR15:7260468	SSF x LoA	-9,322	-0,090	0,286
CHR15	726086	CHR15:726086	SSF x LoA	-6,778	0,054	0,296
CHR15	726114	CHR15:726114	SSF x LoA	-8,052	-0,005	0,294
CHR15	726198	CHR15:726198	SSF x LoA	-10,287	0,021	0,287
CHR15	726225	CHR15:726225	SSF x LoA	-8,055	-0,076	0,285
CHR15	7274933	CHR15:7274933	SSF x LoA	-9,020	-0,013	0,298
CHR15	7274942	CHR15:7274942	SSF x LoA	-8,439	0,088	0,284
CHR15	7274986	CHR15:7274986	SSF x LoA	-8,606	-0,060	0,288
CHR15	7312550	CHR15:7312550	SSF x LoA	-8,726	0,048	0,288
CHR15	7312578	CHR15:7312578	SSF x LoA	-8,481	-0,051	0,290
CHR15	731339	CHR15:731339	SSF x LoA	-4,128	0,061	0,289
CHR15	7317696	CHR15:7317696	SSF x LoA	-8,401	-0,055	0,285
CHR15	7317715	CHR15:7317715	SSF x LoA	-6,211	0,093	0,293
CHR15	7317808	CHR15:7317808	SSF x LoA	-7,513	0,100	0,279
CHR15	7329941	CHR15:7329941	SSF x LoA	-10,120	0,028	0,303
CHR15	7329999	CHR15:7329999	SSF x LoA	-8,316	0,030	0,288
CHR15	7330022	CHR15:7330022	SSF x LoA	-10,933	-0,074	0,286
CHR15	7330031	CHR15:7330031	SSF x LoA	-8,995	0,108	0,289
CHR15	7336664	CHR15:7336664	SSF x LoA	-8,484	-0,021	0,277
CHR15	7336678	CHR15:7336678	SSF x LoA	-9,166	-0,029	0,284
CHR15	7336714	CHR15:7336714	SSF x LoA	-8,784	-0,018	0,285
CHR15	7336724	CHR15:7336724	SSF x LoA	-8,916	-0,019	0,295
CHR15	7336746	CHR15:7336746	SSF x LoA	-7,690	0,000	0,287
CHR15	7340165	CHR15:7340165	SSF x LoA	-9,023	-0,079	0,296
CHR15	7340206	CHR15:7340206	SSF x LoA	-9,205	-0,090	0,285
CHR15	7340282	CHR15:7340282	SSF x LoA	-8,542	-0,043	0,288
CHR15	7340313	CHR15:7340313	SSF x LoA	-7,410	0,018	0,299
CHR15	7346997	CHR15:7346997	SSF x LoA	-7,737	0,035	0,301
CHR15	7355708	CHR15:7355708	SSF x LoA	-10,845	0,014	0,291

CHR15	7355743	CHR15:7355743	SSF x LoA	-7,283	0,140	0,286
CHR15	7355845	CHR15:7355845	SSF x LoA	-11,379	0,040	0,280
CHR15	7355901	CHR15:7355901	SSF x LoA	-9,109	-0,133	0,286
CHR15	7355940	CHR15:7355940	SSF x LoA	-9,414	-0,003	0,280
CHR15	7357726	CHR15:7357726	SSF x LoA	-9,326	0,082	0,292
CHR15	7357770	CHR15:7357770	SSF x LoA	-9,381	0,062	0,282
CHR15	7357771	CHR15:7357771	SSF x LoA	-10,486	0,019	0,278
CHR15	7362727	CHR15:7362727	SSF x LoA	-9,505	0,030	0,282
CHR15	7372943	CHR15:7372943	SSF x LoA	-7,860	-0,118	0,290
CHR15	7372949	CHR15:7372949	SSF x LoA	-4,973	0,026	0,305
CHR15	7372965	CHR15:7372965	SSF x LoA	-6,611	0,021	0,298
CHR15	7372966	CHR15:7372966	SSF x LoA	-6,926	0,067	0,299
CHR15	7372968	CHR15:7372968	SSF x LoA	-9,976	-0,002	0,288
CHR15	7373024	CHR15:7373024	SSF x LoA	-8,514	-0,015	0,275
CHR15	7373070	CHR15:7373070	SSF x LoA	-7,424	0,118	0,298
CHR15	7373096	CHR15:7373096	SSF x LoA	-5,937	0,003	0,308
CHR15	7373110	CHR15:7373110	SSF x LoA	-9,856	0,000	0,285
CHR15	7373139	CHR15:7373139	SSF x LoA	-10,730	0,099	0,284
CHR15	7386253	CHR15:7386253	SSF x LoA	-5,868	0,060	0,292
CHR15	7386270	CHR15:7386270	SSF x LoA	-10,587	0,038	0,286
CHR15	7392615	CHR15:7392615	SSF x LoA	-9,820	0,015	0,288
CHR15	7392641	CHR15:7392641	SSF x LoA	-10,393	0,013	0,291
CHR15	7392648	CHR15:7392648	SSF x LoA	-8,723	0,081	0,299
CHR15	7392813	CHR15:7392813	SSF x LoA	-10,565	-0,049	0,300
CHR15	7392877	CHR15:7392877	SSF x LoA	-7,631	-0,153	0,261
CHR15	7392959	CHR15:7392959	SSF x LoA	-9,567	-0,051	0,278
CHR15	7398446	CHR15:7398446	SSF x LoA	-9,755	0,026	0,274
CHR15	7398775	CHR15:7398775	SSF x LoA	-11,243	0,025	0,290
CHR15	7401313	CHR15:7401313	SSF x LoA	-7,697	-0,071	0,298
CHR15	7401389	CHR15:7401389	SSF x LoA	-8,733	0,090	0,294
CHR15	7402657	CHR15:7402657	SSF x LoA	-9,226	0,040	0,285
CHR15	7402710	CHR15:7402710	SSF x LoA	-7,860	-0,024	0,301
CHR15	7417208	CHR15:7417208	SSF x LoA	-7,399	0,016	0,291
CHR15	7422340	CHR15:7422340	SSF x LoA	-4,134	0,120	0,287
CHR15	7422349	CHR15:7422349	SSF x LoA	-7,733	0,182	0,288
CHR15	7436653	CHR15:7436653	SSF x LoA	-10,629	-0,021	0,295
CHR15	7436920	CHR15:7436920	SSF x LoA	-9,588	-0,040	0,287
CHR15	7437030	CHR15:7437030	SSF x LoA	3,096	0,131	0,276
CHR15	7437065	CHR15:7437065	SSF x LoA	-9,969	0,018	0,291
CHR15	7444800	CHR15:7444800	SSF x LoA	-8,728	-0,053	0,279
CHR15	7488852	CHR15:7488852	SSF x LoA	-11,102	-0,023	0,283
CHR15	7488911	CHR15:7488911	SSF x LoA	-9,634	-0,037	0,278
CHR15	7506142	CHR15:7506142	SSF x LoA	-6,871	0,104	0,288
CHR15	7506148	CHR15:7506148	SSF x LoA	-8,281	-0,073	0,292
CHR15	7506153	CHR15:7506153	SSF x LoA	-3,506	-0,111	0,304
CHR15	7528349	CHR15:7528349	SSF x LoA	-7,541	0,079	0,295
CHR15	7528352	CHR15:7528352	SSF x LoA	-7,501	-0,159	0,279
CHR15	7528451	CHR15:7528451	SSF x LoA	-8,604	-0,049	0,293
CHR15	7528454	CHR15:7528454	SSF x LoA	-9,475	-0,054	0,279
CHR15	7538033	CHR15:7538033	SSF x LoA	-9,574	0,036	0,289
CHR15	7538252	CHR15:7538252	SSF x LoA	-9,588	0,075	0,283
CHR15	7543010	CHR15:7543010	SSF x LoA	-8,970	-0,115	0,283
CHR15	7543099	CHR15:7543099	SSF x LoA	-8,861	0,031	0,276

CHR15	7555040	CHR15:7555040	SSF x LoA	-3,714	-0,077	0,288
CHR15	7555174	CHR15:7555174	SSF x LoA	-7,470	-0,005	0,282
CHR15	7555271	CHR15:7555271	SSF x LoA	-8,433	-0,002	0,285
CHR15	7558908	CHR15:7558908	SSF x LoA	-8,973	-0,002	0,289
CHR15	7559020	CHR15:7559020	SSF x LoA	-9,651	0,062	0,303
CHR15	7559035	CHR15:7559035	SSF x LoA	-9,453	0,084	0,296
CHR15	7559097	CHR15:7559097	SSF x LoA	-6,031	-0,035	0,273
CHR15	7559144	CHR15:7559144	SSF x LoA	-9,038	0,061	0,298
CHR15	7559169	CHR15:7559169	SSF x LoA	-8,777	-0,074	0,267
CHR15	7566625	CHR15:7566625	SSF x LoA	-8,712	0,079	0,296
CHR15	758974	CHR15:758974	SSF x LoA	-10,584	-0,051	0,294
CHR15	7592528	CHR15:7592528	SSF x LoA	-10,450	-0,030	0,295
CHR15	7592602	CHR15:7592602	SSF x LoA	-10,772	0,044	0,293
CHR15	7595945	CHR15:7595945	SSF x LoA	-9,906	-0,043	0,279
CHR15	7653515	CHR15:7653515	SSF x LoA	-6,263	-0,136	0,268
CHR15	7659783	CHR15:7659783	SSF x LoA	-7,521	-0,041	0,304
CHR15	7666897	CHR15:7666897	SSF x LoA	-6,982	0,087	0,300
CHR15	7669060	CHR15:7669060	SSF x LoA	-9,483	-0,080	0,287
CHR15	767893	CHR15:767893	SSF x LoA	-8,717	0,051	0,286
CHR15	767944	CHR15:767944	SSF x LoA	-11,295	0,010	0,283
CHR15	767985	CHR15:767985	SSF x LoA	-9,627	0,030	0,312
CHR15	7686740	CHR15:7686740	SSF x LoA	-10,492	0,060	0,286
CHR15	7690489	CHR15:7690489	SSF x LoA	-9,874	0,021	0,279
CHR15	7690494	CHR15:7690494	SSF x LoA	-0,434	-0,181	0,276
CHR15	7697051	CHR15:7697051	SSF x LoA	-9,528	0,070	0,297
CHR15	7699517	CHR15:7699517	SSF x LoA	-9,548	0,129	0,287
CHR15	7699518	CHR15:7699518	SSF x LoA	-5,286	0,166	0,287
CHR15	7707501	CHR15:7707501	SSF x LoA	-9,321	0,002	0,298
CHR15	7707566	CHR15:7707566	SSF x LoA	-8,473	0,009	0,277
CHR15	7707601	CHR15:7707601	SSF x LoA	-10,124	0,044	0,301
CHR15	7707749	CHR15:7707749	SSF x LoA	-5,963	0,072	0,277
CHR15	7707759	CHR15:7707759	SSF x LoA	-11,221	0,033	0,278
CHR15	7707760	CHR15:7707760	SSF x LoA	-7,467	0,016	0,281
CHR15	7707761	CHR15:7707761	SSF x LoA	-10,106	-0,006	0,276
CHR15	7725260	CHR15:7725260	SSF x LoA	-9,373	0,020	0,258
CHR15	7725306	CHR15:7725306	SSF x LoA	-6,682	0,170	0,273
CHR15	7725734	CHR15:7725734	SSF x LoA	-7,237	0,116	0,296
CHR15	7725895	CHR15:7725895	SSF x LoA	-10,189	0,079	0,286
CHR15	7745178	CHR15:7745178	SSF x LoA	-7,569	0,064	0,271
CHR15	7745341	CHR15:7745341	SSF x LoA	-5,334	0,191	0,281
CHR15	7750518	CHR15:7750518	SSF x LoA	-8,810	-0,038	0,290
CHR15	7750524	CHR15:7750524	SSF x LoA	-7,542	-0,037	0,294
CHR15	7750673	CHR15:7750673	SSF x LoA	-10,325	0,067	0,275
CHR15	7750798	CHR15:7750798	SSF x LoA	-10,771	-0,029	0,299
CHR15	7767091	CHR15:7767091	SSF x LoA	-7,807	0,088	0,294
CHR15	7767160	CHR15:7767160	SSF x LoA	-8,584	-0,098	0,289
CHR15	7775277	CHR15:7775277	SSF x LoA	-8,120	-0,018	0,278
CHR15	7775332	CHR15:7775332	SSF x LoA	-10,261	-0,012	0,298
CHR15	7775387	CHR15:7775387	SSF x LoA	-7,333	-0,131	0,283
CHR15	7775592	CHR15:7775592	SSF x LoA	-10,383	-0,058	0,295
CHR15	7782945	CHR15:7782945	SSF x LoA	-8,810	0,075	0,282
CHR15	7783164	CHR15:7783164	SSF x LoA	-8,571	0,014	0,291
CHR15	7783208	CHR15:7783208	SSF x LoA	-9,988	-0,132	0,298

CHR15	7783209	CHR15:7783209	SSF x LoA	-8,151	-0,020	0,288
CHR15	7783269	CHR15:7783269	SSF x LoA	-9,824	-0,061	0,275
CHR15	7783298	CHR15:7783298	SSF x LoA	-9,368	-0,072	0,279
CHR15	7783325	CHR15:7783325	SSF x LoA	-9,946	-0,072	0,285
CHR15	7792680	CHR15:7792680	SSF x LoA	-10,436	-0,110	0,292
CHR15	7796257	CHR15:7796257	SSF x LoA	-9,879	-0,040	0,291
CHR15	7806163	CHR15:7806163	SSF x LoA	-8,893	0,019	0,308
CHR15	7815245	CHR15:7815245	SSF x LoA	-10,814	-0,062	0,284
CHR15	7840662	CHR15:7840662	SSF x LoA	-10,692	-0,059	0,283
CHR15	7842267	CHR15:7842267	SSF x LoA	-6,122	0,070	0,281
CHR15	7858844	CHR15:7858844	SSF x LoA	-8,670	-0,071	0,286
CHR15	7858852	CHR15:7858852	SSF x LoA	-11,344	0,026	0,283
CHR15	7858955	CHR15:7858955	SSF x LoA	-4,722	0,123	0,286
CHR15	7864547	CHR15:7864547	SSF x LoA	-6,542	-0,145	0,288
CHR15	7864558	CHR15:7864558	SSF x LoA	-8,410	-0,097	0,288
CHR15	7864569	CHR15:7864569	SSF x LoA	-7,003	-0,100	0,282
CHR15	7864671	CHR15:7864671	SSF x LoA	-9,942	-0,106	0,289
CHR15	7864843	CHR15:7864843	SSF x LoA	-9,711	0,058	0,293
CHR15	7902151	CHR15:7902151	SSF x LoA	0,623	-0,025	0,290
CHR15	7909468	CHR15:7909468	SSF x LoA	-8,072	-0,067	0,290
CHR15	7909568	CHR15:7909568	SSF x LoA	-8,020	0,012	0,304
CHR15	7909579	CHR15:7909579	SSF x LoA	-8,880	0,042	0,279
CHR15	791368	CHR15:791368	SSF x LoA	-9,363	-0,064	0,284
CHR15	791396	CHR15:791396	SSF x LoA	-10,453	-0,068	0,292
CHR15	791436	CHR15:791436	SSF x LoA	-8,595	-0,007	0,301
CHR15	791533	CHR15:791533	SSF x LoA	-7,387	0,029	0,290
CHR15	7928798	CHR15:7928798	SSF x LoA	-2,368	0,147	0,277
CHR15	7928915	CHR15:7928915	SSF x LoA	-7,996	0,071	0,301
CHR15	7938020	CHR15:7938020	SSF x LoA	-10,051	-0,145	0,284
CHR15	7938247	CHR15:7938247	SSF x LoA	-8,487	0,029	0,293
CHR15	7938292	CHR15:7938292	SSF x LoA	-10,248	0,020	0,287
CHR15	7938334	CHR15:7938334	SSF x LoA	-8,908	-0,079	0,278
CHR15	7938403	CHR15:7938403	SSF x LoA	-10,147	-0,028	0,275
CHR15	7944701	CHR15:7944701	SSF x LoA	-9,338	-0,099	0,275
CHR15	7952415	CHR15:7952415	SSF x LoA	-8,600	0,029	0,288
CHR15	7952550	CHR15:7952550	SSF x LoA	-7,379	-0,003	0,303
CHR15	7952569	CHR15:7952569	SSF x LoA	-7,191	0,089	0,292
CHR15	7952668	CHR15:7952668	SSF x LoA	-4,986	-0,214	0,277
CHR15	7952669	CHR15:7952669	SSF x LoA	-3,162	-0,244	0,276
CHR15	7961138	CHR15:7961138	SSF x LoA	-10,682	-0,038	0,286
CHR15	7961179	CHR15:7961179	SSF x LoA	-9,540	0,016	0,296
CHR15	7961192	CHR15:7961192	SSF x LoA	-11,008	-0,028	0,280
CHR15	7961292	CHR15:7961292	SSF x LoA	-10,543	0,107	0,279
CHR15	7961316	CHR15:7961316	SSF x LoA	-10,093	-0,059	0,299
CHR15	7961317	CHR15:7961317	SSF x LoA	-9,361	-0,077	0,296
CHR15	7964368	CHR15:7964368	SSF x LoA	-9,505	0,087	0,289
CHR15	7964386	CHR15:7964386	SSF x LoA	-10,783	-0,069	0,295
CHR15	7964494	CHR15:7964494	SSF x LoA	-5,316	0,199	0,298
CHR15	7964505	CHR15:7964505	SSF x LoA	-9,522	-0,081	0,291
CHR15	7964589	CHR15:7964589	SSF x LoA	-5,663	0,213	0,286
CHR15	7964598	CHR15:7964598	SSF x LoA	-9,857	-0,053	0,284
CHR15	7971532	CHR15:7971532	SSF x LoA	-6,094	-0,138	0,282
CHR15	7973142	CHR15:7973142	SSF x LoA	-7,554	-0,154	0,299

CHR15	7973207	CHR15:7973207	SSF x LoA	-1,950	0,087	0,298
CHR15	7973272	CHR15:7973272	SSF x LoA	-8,834	-0,038	0,290
CHR15	7973281	CHR15:7973281	SSF x LoA	-8,859	-0,006	0,287
CHR15	7973312	CHR15:7973312	SSF x LoA	-1,458	0,020	0,277
CHR15	7976543	CHR15:7976543	SSF x LoA	-11,369	-0,027	0,290
CHR15	7976704	CHR15:7976704	SSF x LoA	-7,275	-0,001	0,289
CHR15	7976792	CHR15:7976792	SSF x LoA	-7,983	-0,138	0,283
CHR15	7976810	CHR15:7976810	SSF x LoA	-9,086	0,093	0,287
CHR15	8001607	CHR15:8001607	SSF x LoA	-9,235	-0,079	0,290
CHR15	8001640	CHR15:8001640	SSF x LoA	-7,753	-0,068	0,293
CHR15	8011384	CHR15:8011384	SSF x LoA	-7,342	0,108	0,268
CHR15	8019820	CHR15:8019820	SSF x LoA	-5,992	0,176	0,286
CHR15	8020167	CHR15:8020167	SSF x LoA	-8,750	0,018	0,293
CHR15	8026816	CHR15:8026816	SSF x LoA	-6,325	0,085	0,295
CHR15	8026868	CHR15:8026868	SSF x LoA	-2,274	0,116	0,296
CHR15	8026906	CHR15:8026906	SSF x LoA	-9,880	-0,019	0,289
CHR15	8026916	CHR15:8026916	SSF x LoA	-10,184	0,074	0,288
CHR15	8027042	CHR15:8027042	SSF x LoA	-6,736	0,145	0,275
CHR15	8034812	CHR15:8034812	SSF x LoA	-3,440	-0,194	0,280
CHR15	8034867	CHR15:8034867	SSF x LoA	-3,824	0,182	0,273
CHR15	8034887	CHR15:8034887	SSF x LoA	-9,586	0,000	0,303
CHR15	8034918	CHR15:8034918	SSF x LoA	-8,351	0,047	0,295
CHR15	8034950	CHR15:8034950	SSF x LoA	-9,543	0,078	0,284
CHR15	8034952	CHR15:8034952	SSF x LoA	-10,686	0,061	0,284
CHR15	8034992	CHR15:8034992	SSF x LoA	-7,551	0,007	0,294
CHR15	8035158	CHR15:8035158	SSF x LoA	-9,992	0,082	0,284
CHR15	8047762	CHR15:8047762	SSF x LoA	-6,912	0,075	0,299
CHR15	8047821	CHR15:8047821	SSF x LoA	-5,588	0,049	0,297
CHR15	8090043	CHR15:8090043	SSF x LoA	-8,009	0,027	0,292
CHR15	8090050	CHR15:8090050	SSF x LoA	-9,439	0,020	0,303
CHR15	8090055	CHR15:8090055	SSF x LoA	-10,380	-0,094	0,290
CHR15	8104730	CHR15:8104730	SSF x LoA	-9,268	-0,137	0,284
CHR15	8104959	CHR15:8104959	SSF x LoA	-7,376	0,080	0,311
CHR15	8106603	CHR15:8106603	SSF x LoA	-7,295	0,107	0,289
CHR15	8121258	CHR15:8121258	SSF x LoA	-9,553	0,136	0,284
CHR15	8121726	CHR15:8121726	SSF x LoA	-6,324	0,054	0,299
CHR15	8124794	CHR15:8124794	SSF x LoA	-8,665	-0,147	0,276
CHR15	8124902	CHR15:8124902	SSF x LoA	-8,281	0,038	0,287
CHR15	8125032	CHR15:8125032	SSF x LoA	-10,533	-0,044	0,290
CHR15	8136773	CHR15:8136773	SSF x LoA	-11,143	-0,021	0,287
CHR15	8136824	CHR15:8136824	SSF x LoA	-10,915	0,041	0,301
CHR15	8136857	CHR15:8136857	SSF x LoA	-9,903	-0,001	0,285
CHR15	8136931	CHR15:8136931	SSF x LoA	-8,968	-0,003	0,282
CHR15	8136932	CHR15:8136932	SSF x LoA	-7,489	0,023	0,285
CHR15	8136954	CHR15:8136954	SSF x LoA	-6,632	0,046	0,280
CHR15	8137076	CHR15:8137076	SSF x LoA	-8,561	-0,079	0,287
CHR15	8144717	CHR15:8144717	SSF x LoA	-9,140	0,000	0,296
CHR15	8144741	CHR15:8144741	SSF x LoA	-7,409	0,113	0,294
CHR15	8144750	CHR15:8144750	SSF x LoA	-6,484	0,118	0,308
CHR15	8144973	CHR15:8144973	SSF x LoA	-7,630	-0,132	0,278
CHR15	8145021	CHR15:8145021	SSF x LoA	-0,788	0,236	0,270
CHR15	8153973	CHR15:8153973	SSF x LoA	-6,315	-0,112	0,275
CHR15	8166163	CHR15:8166163	SSF x LoA	-9,070	-0,117	0,298

CHR15	8178029	CHR15:8178029	SSF x LoA	-8,254	0,007	0,306
CHR15	8178032	CHR15:8178032	SSF x LoA	-8,591	0,010	0,293
CHR15	8178036	CHR15:8178036	SSF x LoA	-8,063	0,012	0,304
CHR15	8178050	CHR15:8178050	SSF x LoA	-7,920	0,011	0,308
CHR15	8178055	CHR15:8178055	SSF x LoA	-10,158	0,000	0,289
CHR15	8178062	CHR15:8178062	SSF x LoA	-8,115	-0,004	0,309
CHR15	8178095	CHR15:8178095	SSF x LoA	-8,314	0,013	0,298
CHR15	8178135	CHR15:8178135	SSF x LoA	-8,661	0,004	0,295
CHR15	8179068	CHR15:8179068	SSF x LoA	-9,814	0,072	0,295
CHR15	8179072	CHR15:8179072	SSF x LoA	-7,382	-0,004	0,295
CHR15	8179074	CHR15:8179074	SSF x LoA	-8,574	0,022	0,307
CHR15	8179103	CHR15:8179103	SSF x LoA	-9,298	-0,049	0,286
CHR15	8179118	CHR15:8179118	SSF x LoA	-9,184	-0,066	0,297
CHR15	8179153	CHR15:8179153	SSF x LoA	-9,762	0,038	0,297
CHR15	8179169	CHR15:8179169	SSF x LoA	-10,987	-0,015	0,286
CHR15	8179204	CHR15:8179204	SSF x LoA	-9,380	0,025	0,289
CHR15	819786	CHR15:819786	SSF x LoA	-9,655	0,100	0,298
CHR15	8217280	CHR15:8217280	SSF x LoA	-7,729	0,126	0,289
CHR15	8227568	CHR15:8227568	SSF x LoA	-8,992	-0,093	0,297
CHR15	8227613	CHR15:8227613	SSF x LoA	-6,371	0,171	0,293
CHR15	8232926	CHR15:8232926	SSF x LoA	-4,023	-0,010	0,287
CHR15	8232969	CHR15:8232969	SSF x LoA	-11,028	-0,029	0,280
CHR15	8233058	CHR15:8233058	SSF x LoA	-10,759	-0,060	0,289
CHR15	8239263	CHR15:8239263	SSF x LoA	-4,702	0,217	0,272
CHR15	8240876	CHR15:8240876	SSF x LoA	-10,614	-0,038	0,285
CHR15	8240887	CHR15:8240887	SSF x LoA	-8,299	-0,016	0,285
CHR15	8240896	CHR15:8240896	SSF x LoA	-6,117	-0,011	0,299
CHR15	8242913	CHR15:8242913	SSF x LoA	-8,383	0,097	0,290
CHR15	8243012	CHR15:8243012	SSF x LoA	-8,422	0,003	0,287
CHR15	8243017	CHR15:8243017	SSF x LoA	-8,419	0,007	0,308
CHR15	8243396	CHR15:8243396	SSF x LoA	-4,749	0,173	0,294
CHR15	824409	CHR15:824409	SSF x LoA	-4,934	0,007	0,291
CHR15	8246066	CHR15:8246066	SSF x LoA	-10,374	-0,006	0,284
CHR15	8246320	CHR15:8246320	SSF x LoA	3,358	-0,128	0,283
CHR15	8246323	CHR15:8246323	SSF x LoA	-5,995	-0,065	0,296
CHR15	8246327	CHR15:8246327	SSF x LoA	-10,142	0,033	0,287
CHR15	8246343	CHR15:8246343	SSF x LoA	-7,159	-0,122	0,292
CHR15	8246348	CHR15:8246348	SSF x LoA	-4,567	-0,147	0,274
CHR15	825833	CHR15:825833	SSF x LoA	-6,222	-0,107	0,281
CHR15	825837	CHR15:825837	SSF x LoA	-8,879	-0,022	0,287
CHR15	8266603	CHR15:8266603	SSF x LoA	-4,956	0,214	0,286
CHR15	8266618	CHR15:8266618	SSF x LoA	-8,103	0,050	0,293
CHR15	8288393	CHR15:8288393	SSF x LoA	-2,393	0,106	0,291
CHR15	8295768	CHR15:8295768	SSF x LoA	-9,270	-0,139	0,273
CHR15	8295775	CHR15:8295775	SSF x LoA	-3,283	-0,110	0,291
CHR15	8295795	CHR15:8295795	SSF x LoA	-8,891	-0,139	0,289
CHR15	8295845	CHR15:8295845	SSF x LoA	-8,937	-0,127	0,285
CHR15	8295870	CHR15:8295870	SSF x LoA	-9,460	-0,007	0,285
CHR15	8295961	CHR15:8295961	SSF x LoA	-7,448	-0,154	0,278
CHR15	8303088	CHR15:8303088	SSF x LoA	-8,774	-0,045	0,288
CHR15	8303165	CHR15:8303165	SSF x LoA	-8,896	0,019	0,290
CHR15	8303235	CHR15:8303235	SSF x LoA	-10,300	-0,006	0,284
CHR15	8303340	CHR15:8303340	SSF x LoA	-8,971	0,038	0,294

CHR15	8304897	CHR15:8304897	SSF x LoA	-7,852	-0,064	0,292
CHR15	8309941	CHR15:8309941	SSF x LoA	-4,550	-0,187	0,281
CHR15	8309962	CHR15:8309962	SSF x LoA	0,781	-0,200	0,279
CHR15	8309985	CHR15:8309985	SSF x LoA	-3,461	-0,190	0,279
CHR15	8309993	CHR15:8309993	SSF x LoA	-6,185	-0,170	0,284
CHR15	8310011	CHR15:8310011	SSF x LoA	-6,645	-0,138	0,290
CHR15	8310093	CHR15:8310093	SSF x LoA	-5,589	-0,156	0,283
CHR15	8310111	CHR15:8310111	SSF x LoA	-7,655	-0,109	0,283
CHR15	8310125	CHR15:8310125	SSF x LoA	-4,424	-0,165	0,284
CHR15	8310132	CHR15:8310132	SSF x LoA	-5,913	-0,127	0,281
CHR15	8310139	CHR15:8310139	SSF x LoA	-5,419	-0,139	0,284
CHR15	8310189	CHR15:8310189	SSF x LoA	-5,574	-0,180	0,274
CHR15	8310193	CHR15:8310193	SSF x LoA	-6,347	-0,145	0,279
CHR15	8310216	CHR15:8310216	SSF x LoA	-7,279	-0,104	0,280
CHR15	8310265	CHR15:8310265	SSF x LoA	-4,552	-0,175	0,266
CHR15	8331349	CHR15:8331349	SSF x LoA	-9,027	0,008	0,289
CHR15	833669	CHR15:833669	SSF x LoA	-8,212	-0,012	0,303
CHR15	833952	CHR15:833952	SSF x LoA	-8,269	0,081	0,293
CHR15	8352821	CHR15:8352821	SSF x LoA	-8,723	0,045	0,285
CHR15	8352961	CHR15:8352961	SSF x LoA	-11,620	0,030	0,290
CHR15	8352995	CHR15:8352995	SSF x LoA	-11,090	-0,007	0,291
CHR15	8353014	CHR15:8353014	SSF x LoA	0,497	-0,191	0,281
CHR15	8353046	CHR15:8353046	SSF x LoA	-3,270	-0,236	0,267
CHR15	8353105	CHR15:8353105	SSF x LoA	-7,738	-0,174	0,279
CHR15	8353108	CHR15:8353108	SSF x LoA	-10,774	0,008	0,299
CHR15	8357469	CHR15:8357469	SSF x LoA	-8,852	-0,149	0,273
CHR15	8357488	CHR15:8357488	SSF x LoA	-5,753	-0,147	0,280
CHR15	8357490	CHR15:8357490	SSF x LoA	-7,527	-0,131	0,287
CHR15	8357491	CHR15:8357491	SSF x LoA	-3,234	0,019	0,281
CHR15	8357578	CHR15:8357578	SSF x LoA	-6,777	-0,123	0,288
CHR15	8357685	CHR15:8357685	SSF x LoA	-9,317	0,041	0,286
CHR15	8357709	CHR15:8357709	SSF x LoA	-9,500	0,008	0,292
CHR15	8357711	CHR15:8357711	SSF x LoA	-9,562	0,014	0,275
CHR15	8357746	CHR15:8357746	SSF x LoA	-9,473	0,051	0,277
CHR15	8357781	CHR15:8357781	SSF x LoA	-7,596	0,096	0,286
CHR15	8357784	CHR15:8357784	SSF x LoA	-6,611	-0,015	0,298
CHR15	8363602	CHR15:8363602	SSF x LoA	-7,080	-0,148	0,275
CHR15	8363626	CHR15:8363626	SSF x LoA	-6,837	-0,140	0,281
CHR15	8363677	CHR15:8363677	SSF x LoA	-7,837	-0,198	0,281
CHR15	8363717	CHR15:8363717	SSF x LoA	0,501	-0,093	0,293
CHR15	8363754	CHR15:8363754	SSF x LoA	-7,473	-0,105	0,289
CHR15	8369302	CHR15:8369302	SSF x LoA	-7,067	-0,062	0,294
CHR15	8369368	CHR15:8369368	SSF x LoA	-6,549	0,007	0,305
CHR15	8369482	CHR15:8369482	SSF x LoA	-8,960	0,010	0,303
CHR15	8376414	CHR15:8376414	SSF x LoA	-8,179	-0,131	0,297
CHR15	8377847	CHR15:8377847	SSF x LoA	-10,766	-0,020	0,269
CHR15	8377860	CHR15:8377860	SSF x LoA	-6,895	-0,177	0,283
CHR15	8377949	CHR15:8377949	SSF x LoA	-8,417	-0,058	0,293
CHR15	8379616	CHR15:8379616	SSF x LoA	-9,554	-0,042	0,300
CHR15	8387709	CHR15:8387709	SSF x LoA	-9,412	0,079	0,282
CHR15	8387754	CHR15:8387754	SSF x LoA	-9,228	0,151	0,273
CHR15	8387848	CHR15:8387848	SSF x LoA	-7,917	-0,181	0,274
CHR15	8387964	CHR15:8387964	SSF x LoA	-8,445	-0,034	0,295

CHR15	8387985	CHR15:8387985	SSF x LoA	-8,865	0,105	0,292
CHR15	8394554	CHR15:8394554	SSF x LoA	-9,146	0,056	0,282
CHR15	8394569	CHR15:8394569	SSF x LoA	-6,366	-0,134	0,299
CHR15	8394570	CHR15:8394570	SSF x LoA	-5,603	-0,141	0,289
CHR15	8415718	CHR15:8415718	SSF x LoA	-8,643	0,076	0,286
CHR15	8415905	CHR15:8415905	SSF x LoA	-10,731	0,038	0,285
CHR15	8415964	CHR15:8415964	SSF x LoA	-9,356	-0,110	0,303
CHR15	8416016	CHR15:8416016	SSF x LoA	-8,478	0,064	0,305
CHR15	8427021	CHR15:8427021	SSF x LoA	4,339	-0,140	0,284
CHR15	8427131	CHR15:8427131	SSF x LoA	-7,570	-0,108	0,276
CHR15	8427237	CHR15:8427237	SSF x LoA	-7,860	0,010	0,288
CHR15	8429517	CHR15:8429517	SSF x LoA	-9,639	0,056	0,280
CHR15	8429542	CHR15:8429542	SSF x LoA	-9,017	-0,067	0,288
CHR15	8429608	CHR15:8429608	SSF x LoA	-5,214	0,165	0,286
CHR15	8429619	CHR15:8429619	SSF x LoA	-7,741	0,160	0,281
CHR15	8441515	CHR15:8441515	SSF x LoA	-4,490	0,178	0,281
CHR15	8459680	CHR15:8459680	SSF x LoA	-9,728	-0,004	0,284
CHR15	8459904	CHR15:8459904	SSF x LoA	-6,687	-0,152	0,282
CHR15	8466537	CHR15:8466537	SSF x LoA	-9,097	0,113	0,282
CHR15	8476557	CHR15:8476557	SSF x LoA	-9,725	0,021	0,293
CHR15	8476686	CHR15:8476686	SSF x LoA	-10,195	0,039	0,284
CHR15	847801	CHR15:847801	SSF x LoA	-9,203	0,099	0,293
CHR15	848002	CHR15:848002	SSF x LoA	-9,553	0,044	0,266
CHR15	848070	CHR15:848070	SSF x LoA	-6,421	0,037	0,291
CHR15	8491300	CHR15:8491300	SSF x LoA	6,370	0,201	0,286
CHR15	8506038	CHR15:8506038	SSF x LoA	-9,701	0,041	0,287
CHR15	8506069	CHR15:8506069	SSF x LoA	-11,279	-0,012	0,276
CHR15	8507934	CHR15:8507934	SSF x LoA	-8,477	0,084	0,269
CHR15	8514153	CHR15:8514153	SSF x LoA	-8,135	0,111	0,272
CHR15	8526295	CHR15:8526295	SSF x LoA	-8,920	0,055	0,299
CHR15	853300	CHR15:853300	SSF x LoA	-8,902	-0,100	0,267
CHR15	855031	CHR15:855031	SSF x LoA	-9,360	-0,094	0,284
CHR15	8572025	CHR15:8572025	SSF x LoA	-4,490	0,198	0,277
CHR15	8611372	CHR15:8611372	SSF x LoA	-5,606	0,136	0,286
CHR15	8612680	CHR15:8612680	SSF x LoA	-4,562	-0,166	0,271
CHR15	8634333	CHR15:8634333	SSF x LoA	-9,468	-0,092	0,303
CHR15	8634485	CHR15:8634485	SSF x LoA	-10,431	0,153	0,275
CHR15	8634579	CHR15:8634579	SSF x LoA	-10,687	0,002	0,295
CHR15	8645700	CHR15:8645700	SSF x LoA	-10,534	0,057	0,293
CHR15	8705752	CHR15:8705752	SSF x LoA	-6,388	-0,064	0,302
CHR15	8706072	CHR15:8706072	SSF x LoA	-7,084	-0,118	0,276
CHR15	8708146	CHR15:8708146	SSF x LoA	-8,551	-0,008	0,286
CHR15	8708227	CHR15:8708227	SSF x LoA	-8,177	-0,148	0,263
CHR15	8709875	CHR15:8709875	SSF x LoA	-8,065	0,039	0,297
CHR15	8710003	CHR15:8710003	SSF x LoA	-8,048	-0,034	0,305
CHR15	8710013	CHR15:8710013	SSF x LoA	-6,205	0,105	0,285
CHR15	8714573	CHR15:8714573	SSF x LoA	-1,203	-0,150	0,284
CHR15	8716806	CHR15:8716806	SSF x LoA	-2,501	-0,055	0,294
CHR15	8717029	CHR15:8717029	SSF x LoA	-7,030	-0,085	0,303
CHR15	8724251	CHR15:8724251	SSF x LoA	-5,089	0,145	0,299
CHR15	8724318	CHR15:8724318	SSF x LoA	-5,578	-0,039	0,310
CHR15	8724336	CHR15:8724336	SSF x LoA	-8,214	-0,059	0,302
CHR15	8724401	CHR15:8724401	SSF x LoA	-6,075	-0,174	0,283

CHR15	8743425	CHR15:8743425	SSF x LoA	-4,556	-0,067	0,295
CHR15	8743665	CHR15:8743665	SSF x LoA	-9,986	-0,064	0,276
CHR15	8754967	CHR15:8754967	SSF x LoA	-10,352	-0,022	0,291
CHR15	8757215	CHR15:8757215	SSF x LoA	-8,621	0,133	0,281
CHR15	8757323	CHR15:8757323	SSF x LoA	-2,091	-0,196	0,272
CHR15	8764711	CHR15:8764711	SSF x LoA	-8,737	-0,031	0,275
CHR15	8764799	CHR15:8764799	SSF x LoA	-8,325	-0,009	0,292
CHR15	8764899	CHR15:8764899	SSF x LoA	-9,148	0,041	0,295
CHR15	8765007	CHR15:8765007	SSF x LoA	-7,251	0,098	0,288
CHR15	8766895	CHR15:8766895	SSF x LoA	-12,091	-0,027	0,281
CHR15	8767113	CHR15:8767113	SSF x LoA	-0,449	-0,029	0,283
CHR15	8777563	CHR15:8777563	SSF x LoA	-9,500	0,016	0,293
CHR15	8777797	CHR15:8777797	SSF x LoA	-7,960	-0,065	0,288
CHR15	8777814	CHR15:8777814	SSF x LoA	-9,325	-0,065	0,286
CHR15	8777878	CHR15:8777878	SSF x LoA	-9,083	0,047	0,285
CHR15	8777940	CHR15:8777940	SSF x LoA	-8,315	0,050	0,305
CHR15	8777943	CHR15:8777943	SSF x LoA	-7,579	-0,093	0,265
CHR15	8793744	CHR15:8793744	SSF x LoA	-4,448	-0,141	0,299
CHR15	8793949	CHR15:8793949	SSF x LoA	-2,347	0,191	0,271
CHR15	8793967	CHR15:8793967	SSF x LoA	-9,745	0,103	0,298
CHR15	8793982	CHR15:8793982	SSF x LoA	-6,821	-0,152	0,300
CHR15	8794008	CHR15:8794008	SSF x LoA	-8,650	-0,053	0,273
CHR15	8804606	CHR15:8804606	SSF x LoA	-9,593	0,069	0,301
CHR15	8804653	CHR15:8804653	SSF x LoA	-10,183	0,092	0,298
CHR15	8804788	CHR15:8804788	SSF x LoA	-1,440	0,256	0,273
CHR15	8828159	CHR15:8828159	SSF x LoA	-8,618	-0,083	0,283
CHR15	8828195	CHR15:8828195	SSF x LoA	-10,701	-0,097	0,283
CHR15	8828275	CHR15:8828275	SSF x LoA	-9,623	-0,040	0,293
CHR15	8832055	CHR15:8832055	SSF x LoA	-6,520	0,054	0,297
CHR15	8834715	CHR15:8834715	SSF x LoA	-10,397	-0,035	0,287
CHR15	8834738	CHR15:8834738	SSF x LoA	-4,853	0,080	0,291
CHR15	8834779	CHR15:8834779	SSF x LoA	-10,671	-0,019	0,291
CHR15	8835720	CHR15:8835720	SSF x LoA	-7,739	0,128	0,287
CHR15	8835813	CHR15:8835813	SSF x LoA	-9,834	0,068	0,297
CHR15	8835815	CHR15:8835815	SSF x LoA	-8,910	0,029	0,300
CHR15	883624	CHR15:883624	SSF x LoA	-8,366	-0,044	0,290
CHR15	883633	CHR15:883633	SSF x LoA	-7,070	-0,017	0,287
CHR15	8847824	CHR15:8847824	SSF x LoA	-7,938	-0,126	0,287
CHR15	8847825	CHR15:8847825	SSF x LoA	-8,548	0,032	0,292
CHR15	8847870	CHR15:8847870	SSF x LoA	-7,869	-0,036	0,290
CHR15	8847917	CHR15:8847917	SSF x LoA	-7,876	0,002	0,284
CHR15	8847960	CHR15:8847960	SSF x LoA	-8,391	-0,150	0,289
CHR15	8847969	CHR15:8847969	SSF x LoA	-7,780	-0,085	0,293
CHR15	8848009	CHR15:8848009	SSF x LoA	-6,762	-0,164	0,280
CHR15	8848014	CHR15:8848014	SSF x LoA	-10,634	-0,038	0,284
CHR15	8848053	CHR15:8848053	SSF x LoA	-8,545	-0,002	0,294
CHR15	8848055	CHR15:8848055	SSF x LoA	-8,283	0,017	0,296
CHR15	8848057	CHR15:8848057	SSF x LoA	-9,282	-0,047	0,296
CHR15	8848065	CHR15:8848065	SSF x LoA	-8,403	0,097	0,296
CHR15	8856592	CHR15:8856592	SSF x LoA	-3,790	-0,015	0,279
CHR15	8856605	CHR15:8856605	SSF x LoA	-8,635	0,024	0,289
CHR15	8856654	CHR15:8856654	SSF x LoA	-2,970	0,164	0,292
CHR15	8860346	CHR15:8860346	SSF x LoA	-8,431	0,042	0,290

CHR15	8860434	CHR15:8860434	SSF x LoA	-8,511	0,028	0,296
CHR15	886539	CHR15:886539	SSF x LoA	-11,116	-0,072	0,284
CHR15	8866792	CHR15:8866792	SSF x LoA	-10,405	-0,082	0,295
CHR15	8866800	CHR15:8866800	SSF x LoA	-10,144	-0,063	0,307
CHR15	8867137	CHR15:8867137	SSF x LoA	-9,425	0,059	0,299
CHR15	8867209	CHR15:8867209	SSF x LoA	-10,231	0,001	0,290
CHR15	8880533	CHR15:8880533	SSF x LoA	-9,383	0,085	0,283
CHR15	8880551	CHR15:8880551	SSF x LoA	-10,211	0,079	0,285
CHR15	8915689	CHR15:8915689	SSF x LoA	-8,551	-0,044	0,285
CHR15	8915893	CHR15:8915893	SSF x LoA	-4,358	-0,121	0,288
CHR15	8916694	CHR15:8916694	SSF x LoA	-7,322	-0,023	0,276
CHR15	8916754	CHR15:8916754	SSF x LoA	-9,294	-0,063	0,273
CHR15	8919866	CHR15:8919866	SSF x LoA	-9,873	-0,022	0,294
CHR15	8929896	CHR15:8929896	SSF x LoA	-8,186	-0,066	0,286
CHR15	8936544	CHR15:8936544	SSF x LoA	-6,312	0,043	0,284
CHR15	8936602	CHR15:8936602	SSF x LoA	-7,327	0,062	0,287
CHR15	8936637	CHR15:8936637	SSF x LoA	-8,438	-0,073	0,284
CHR15	8936688	CHR15:8936688	SSF x LoA	-10,001	-0,119	0,270
CHR15	8940700	CHR15:8940700	SSF x LoA	-7,036	0,059	0,282
CHR15	8940742	CHR15:8940742	SSF x LoA	-6,981	-0,117	0,282
CHR15	8940852	CHR15:8940852	SSF x LoA	-8,575	-0,075	0,274
CHR15	8952100	CHR15:8952100	SSF x LoA	-10,368	0,102	0,286
CHR15	8952180	CHR15:8952180	SSF x LoA	-8,359	-0,178	0,281
CHR15	8952387	CHR15:8952387	SSF x LoA	-9,817	0,030	0,304
CHR15	8956343	CHR15:8956343	SSF x LoA	-6,617	-0,044	0,301
CHR15	8956404	CHR15:8956404	SSF x LoA	-9,116	-0,113	0,290
CHR15	8959878	CHR15:8959878	SSF x LoA	-9,165	-0,039	0,285
CHR15	8959885	CHR15:8959885	SSF x LoA	-4,973	0,160	0,292
CHR15	8959890	CHR15:8959890	SSF x LoA	-9,007	-0,070	0,276
CHR15	8991248	CHR15:8991248	SSF x LoA	-8,091	0,112	0,293
CHR15	8992514	CHR15:8992514	SSF x LoA	-9,851	-0,042	0,287
CHR15	8992696	CHR15:8992696	SSF x LoA	-11,918	-0,061	0,275
CHR15	9001984	CHR15:9001984	SSF x LoA	-6,520	0,101	0,283
CHR15	9009110	CHR15:9009110	SSF x LoA	-9,226	-0,131	0,290
CHR15	9013120	CHR15:9013120	SSF x LoA	-8,988	-0,036	0,306
CHR15	9013136	CHR15:9013136	SSF x LoA	-7,636	0,099	0,288
CHR15	9013268	CHR15:9013268	SSF x LoA	-8,216	0,102	0,288
CHR15	9013292	CHR15:9013292	SSF x LoA	-10,101	-0,017	0,262
CHR15	9022433	CHR15:9022433	SSF x LoA	-6,544	0,009	0,303
CHR15	9022464	CHR15:9022464	SSF x LoA	-7,081	0,039	0,304
CHR15	9027898	CHR15:9027898	SSF x LoA	-9,120	0,002	0,284
CHR15	9043993	CHR15:9043993	SSF x LoA	-7,981	0,068	0,295
CHR15	9044039	CHR15:9044039	SSF x LoA	-5,904	0,082	0,298
CHR15	9044069	CHR15:9044069	SSF x LoA	-9,899	0,089	0,286
CHR15	9044154	CHR15:9044154	SSF x LoA	-10,040	0,079	0,280
CHR15	9055446	CHR15:9055446	SSF x LoA	-9,649	-0,118	0,283
CHR15	9065192	CHR15:9065192	SSF x LoA	-10,760	0,028	0,289
CHR15	9065251	CHR15:9065251	SSF x LoA	-10,269	-0,038	0,283
CHR15	9065306	CHR15:9065306	SSF x LoA	-10,840	0,000	0,282
CHR15	9065316	CHR15:9065316	SSF x LoA	-7,382	-0,150	0,278
CHR15	9065321	CHR15:9065321	SSF x LoA	-11,398	-0,007	0,286
CHR15	9065344	CHR15:9065344	SSF x LoA	-10,188	0,062	0,289
CHR15	9065415	CHR15:9065415	SSF x LoA	-9,542	-0,060	0,284

CHR15	9065477	CHR15:9065477	SSF x LoA	-7,463	0,169	0,275
CHR15	9065515	CHR15:9065515	SSF x LoA	-10,561	0,019	0,287
CHR15	9065540	CHR15:9065540	SSF x LoA	-6,753	0,159	0,289
CHR15	9071811	CHR15:9071811	SSF x LoA	-8,346	-0,041	0,301
CHR15	9071907	CHR15:9071907	SSF x LoA	-8,462	0,085	0,287
CHR15	9071914	CHR15:9071914	SSF x LoA	-8,104	-0,093	0,288
CHR15	9071947	CHR15:9071947	SSF x LoA	-8,384	-0,011	0,291
CHR15	9071967	CHR15:9071967	SSF x LoA	-8,896	0,006	0,291
CHR15	9071975	CHR15:9071975	SSF x LoA	-7,184	0,011	0,298
CHR15	9071977	CHR15:9071977	SSF x LoA	-8,260	-0,032	0,307
CHR15	9071982	CHR15:9071982	SSF x LoA	-7,047	-0,057	0,289
CHR15	9071988	CHR15:9071988	SSF x LoA	-6,864	-0,022	0,297
CHR15	9073671	CHR15:9073671	SSF x LoA	-8,508	0,048	0,289
CHR15	9074181	CHR15:9074181	SSF x LoA	-9,592	0,014	0,276
CHR15	9074222	CHR15:9074222	SSF x LoA	-8,232	0,074	0,283
CHR15	9116485	CHR15:9116485	SSF x LoA	-8,265	-0,052	0,295
CHR15	9123542	CHR15:9123542	SSF x LoA	-9,370	-0,009	0,288
CHR15	9123611	CHR15:9123611	SSF x LoA	-8,908	0,029	0,283
CHR15	913132	CHR15:913132	SSF x LoA	-8,134	-0,057	0,282
CHR15	919665	CHR15:919665	SSF x LoA	-9,501	-0,086	0,287
CHR15	9197400	CHR15:9197400	SSF x LoA	-3,190	-0,141	0,285
CHR15	9233550	CHR15:9233550	SSF x LoA	-11,821	-0,023	0,277
CHR15	9249568	CHR15:9249568	SSF x LoA	-11,290	-0,021	0,285
CHR15	9261057	CHR15:9261057	SSF x LoA	-7,722	-0,094	0,289
CHR15	9261275	CHR15:9261275	SSF x LoA	-5,908	-0,041	0,290
CHR15	927513	CHR15:927513	SSF x LoA	-1,930	0,024	0,295
CHR15	927548	CHR15:927548	SSF x LoA	-7,857	0,127	0,281
CHR15	929087	CHR15:929087	SSF x LoA	-8,556	-0,092	0,293
CHR15	929137	CHR15:929137	SSF x LoA	-8,276	-0,058	0,292
CHR15	9295129	CHR15:9295129	SSF x LoA	-7,719	-0,098	0,293
CHR15	9305718	CHR15:9305718	SSF x LoA	-6,660	0,113	0,267
CHR15	9336748	CHR15:9336748	SSF x LoA	-10,468	-0,058	0,297
CHR15	9336825	CHR15:9336825	SSF x LoA	-9,165	-0,036	0,283
CHR15	9336951	CHR15:9336951	SSF x LoA	-7,082	0,042	0,291
CHR15	9338908	CHR15:9338908	SSF x LoA	-7,151	-0,108	0,303
CHR15	9341608	CHR15:9341608	SSF x LoA	-5,265	0,027	0,280
CHR15	9341682	CHR15:9341682	SSF x LoA	-8,716	-0,042	0,288
CHR15	9342633	CHR15:9342633	SSF x LoA	-8,311	0,044	0,295
CHR15	9348058	CHR15:9348058	SSF x LoA	-7,058	-0,010	0,296
CHR15	9348112	CHR15:9348112	SSF x LoA	-3,479	-0,141	0,295
CHR15	9348184	CHR15:9348184	SSF x LoA	-8,933	-0,042	0,275
CHR15	9348289	CHR15:9348289	SSF x LoA	-10,534	-0,058	0,284
CHR15	9348406	CHR15:9348406	SSF x LoA	-8,949	-0,082	0,286
CHR15	9381397	CHR15:9381397	SSF x LoA	-7,345	0,110	0,300
CHR15	9383192	CHR15:9383192	SSF x LoA	-8,506	0,000	0,284
CHR15	9383289	CHR15:9383289	SSF x LoA	-6,846	0,067	0,303
CHR15	9383313	CHR15:9383313	SSF x LoA	-7,965	0,007	0,286
CHR15	9385759	CHR15:9385759	SSF x LoA	-8,055	0,063	0,300
CHR15	9387323	CHR15:9387323	SSF x LoA	-10,875	-0,054	0,286
CHR15	9387328	CHR15:9387328	SSF x LoA	-9,198	-0,003	0,284
CHR15	9387363	CHR15:9387363	SSF x LoA	-6,880	0,053	0,279
CHR15	9387407	CHR15:9387407	SSF x LoA	-8,941	-0,003	0,291
CHR15	9387418	CHR15:9387418	SSF x LoA	-8,690	0,039	0,300

CHR15	9387420	CHR15:9387420	SSF x LoA	-8,864	0,011	0,285
CHR15	9387421	CHR15:9387421	SSF x LoA	-8,044	0,020	0,294
CHR15	9387436	CHR15:9387436	SSF x LoA	-7,993	0,028	0,285
CHR15	9387477	CHR15:9387477	SSF x LoA	-7,529	-0,064	0,304
CHR15	9387539	CHR15:9387539	SSF x LoA	-8,325	0,098	0,279
CHR15	9387542	CHR15:9387542	SSF x LoA	-5,553	-0,136	0,285
CHR15	9391827	CHR15:9391827	SSF x LoA	-9,270	-0,002	0,272
CHR15	9391829	CHR15:9391829	SSF x LoA	-10,632	-0,075	0,270
CHR15	9391915	CHR15:9391915	SSF x LoA	-7,881	0,004	0,298
CHR15	9391917	CHR15:9391917	SSF x LoA	-7,002	-0,006	0,300
CHR15	9391919	CHR15:9391919	SSF x LoA	-9,622	0,025	0,286
CHR15	9417454	CHR15:9417454	SSF x LoA	-10,314	0,070	0,288
CHR15	9417635	CHR15:9417635	SSF x LoA	-9,809	-0,011	0,295
CHR15	9421148	CHR15:9421148	SSF x LoA	-6,014	-0,161	0,281
CHR15	9421228	CHR15:9421228	SSF x LoA	-9,674	-0,025	0,289
CHR15	9421265	CHR15:9421265	SSF x LoA	-5,932	-0,142	0,295
CHR15	9421369	CHR15:9421369	SSF x LoA	-7,914	0,144	0,289
CHR15	9424825	CHR15:9424825	SSF x LoA	-9,741	0,054	0,278
CHR15	9432149	CHR15:9432149	SSF x LoA	-6,938	0,041	0,299
CHR15	9432152	CHR15:9432152	SSF x LoA	-7,011	0,047	0,300
CHR15	9446408	CHR15:9446408	SSF x LoA	-8,030	0,050	0,268
CHR15	9446539	CHR15:9446539	SSF x LoA	-8,085	0,002	0,294
CHR15	9448348	CHR15:9448348	SSF x LoA	-7,055	-0,006	0,278
CHR15	9448394	CHR15:9448394	SSF x LoA	-6,701	0,037	0,289
CHR15	945150	CHR15:945150	SSF x LoA	-10,122	-0,114	0,279
CHR15	945153	CHR15:945153	SSF x LoA	-1,290	0,183	0,278
CHR15	945213	CHR15:945213	SSF x LoA	-8,366	-0,038	0,296
CHR15	945360	CHR15:945360	SSF x LoA	-6,402	0,147	0,291
CHR15	9459566	CHR15:9459566	SSF x LoA	-11,287	-0,021	0,298
CHR15	9459608	CHR15:9459608	SSF x LoA	-8,137	0,037	0,296
CHR15	9459639	CHR15:9459639	SSF x LoA	-9,047	-0,089	0,263
CHR15	9459656	CHR15:9459656	SSF x LoA	-3,213	0,132	0,282
CHR15	9459693	CHR15:9459693	SSF x LoA	-8,254	0,103	0,275
CHR15	9459750	CHR15:9459750	SSF x LoA	-9,424	0,069	0,289
CHR15	9459769	CHR15:9459769	SSF x LoA	-6,461	0,038	0,294
CHR15	9475108	CHR15:9475108	SSF x LoA	-10,234	0,018	0,279
CHR15	9475122	CHR15:9475122	SSF x LoA	-9,227	0,009	0,291
CHR15	9475211	CHR15:9475211	SSF x LoA	-5,253	-0,042	0,293
CHR15	9475223	CHR15:9475223	SSF x LoA	-10,183	0,053	0,294
CHR15	9475225	CHR15:9475225	SSF x LoA	-10,572	0,060	0,305
CHR15	9475263	CHR15:9475263	SSF x LoA	-8,972	-0,010	0,284
CHR15	9475298	CHR15:9475298	SSF x LoA	-8,132	-0,025	0,288
CHR15	9475480	CHR15:9475480	SSF x LoA	-9,947	-0,018	0,290
CHR15	9475492	CHR15:9475492	SSF x LoA	-6,090	0,097	0,285
CHR15	9482524	CHR15:9482524	SSF x LoA	-8,897	0,138	0,294
CHR15	9482528	CHR15:9482528	SSF x LoA	-6,226	0,136	0,287
CHR15	9482618	CHR15:9482618	SSF x LoA	-10,015	-0,035	0,288
CHR15	9490805	CHR15:9490805	SSF x LoA	-10,318	-0,083	0,279
CHR15	9491120	CHR15:9491120	SSF x LoA	-9,175	-0,032	0,282
CHR15	9492971	CHR15:9492971	SSF x LoA	-6,885	-0,094	0,287
CHR15	9493010	CHR15:9493010	SSF x LoA	-5,230	-0,085	0,297
CHR15	9493039	CHR15:9493039	SSF x LoA	-8,847	-0,091	0,270
CHR15	9495671	CHR15:9495671	SSF x LoA	-8,281	-0,121	0,277

CHR15	9495684	CHR15:9495684	SSF x LoA	-7,003	-0,165	0,280
CHR15	9495790	CHR15:9495790	SSF x LoA	-7,648	0,105	0,287
CHR15	9514517	CHR15:9514517	SSF x LoA	-10,481	-0,067	0,285
CHR15	9514540	CHR15:9514540	SSF x LoA	-7,981	-0,070	0,297
CHR15	9514567	CHR15:9514567	SSF x LoA	-4,246	0,194	0,305
CHR15	9514573	CHR15:9514573	SSF x LoA	-7,330	0,191	0,278
CHR15	9514575	CHR15:9514575	SSF x LoA	-7,743	-0,027	0,304
CHR15	9514581	CHR15:9514581	SSF x LoA	-7,031	-0,041	0,295
CHR15	9516162	CHR15:9516162	SSF x LoA	-6,461	0,069	0,285
CHR15	9517950	CHR15:9517950	SSF x LoA	-8,212	-0,171	0,266
CHR15	9523641	CHR15:9523641	SSF x LoA	-8,040	0,184	0,270
CHR15	9523808	CHR15:9523808	SSF x LoA	-10,290	0,050	0,287
CHR15	9523826	CHR15:9523826	SSF x LoA	-5,325	-0,178	0,285
CHR15	9523827	CHR15:9523827	SSF x LoA	-5,945	-0,173	0,295
CHR15	9523867	CHR15:9523867	SSF x LoA	-8,670	-0,135	0,287
CHR15	9524087	CHR15:9524087	SSF x LoA	-9,792	-0,031	0,290
CHR15	952589	CHR15:952589	SSF x LoA	-10,315	0,042	0,277
CHR15	952865	CHR15:952865	SSF x LoA	-7,157	0,022	0,289
CHR15	9530309	CHR15:9530309	SSF x LoA	-9,871	-0,078	0,291
CHR15	9530413	CHR15:9530413	SSF x LoA	-9,024	0,022	0,287
CHR15	9540818	CHR15:9540818	SSF x LoA	-8,640	-0,012	0,306
CHR15	9564750	CHR15:9564750	SSF x LoA	-8,881	-0,079	0,292
CHR15	9564789	CHR15:9564789	SSF x LoA	-9,765	-0,083	0,294
CHR15	9564849	CHR15:9564849	SSF x LoA	-8,826	-0,056	0,301
CHR15	9564873	CHR15:9564873	SSF x LoA	-7,241	-0,149	0,287
CHR15	9565123	CHR15:9565123	SSF x LoA	-11,980	0,073	0,286
CHR15	9578472	CHR15:9578472	SSF x LoA	-10,842	-0,011	0,281
CHR15	9578526	CHR15:9578526	SSF x LoA	-11,220	-0,042	0,284
CHR15	9578595	CHR15:9578595	SSF x LoA	-7,023	0,012	0,287
CHR15	9578604	CHR15:9578604	SSF x LoA	-8,823	0,018	0,295
CHR15	9578607	CHR15:9578607	SSF x LoA	-8,006	-0,028	0,284
CHR15	9578667	CHR15:9578667	SSF x LoA	-10,469	-0,021	0,282
CHR15	9578758	CHR15:9578758	SSF x LoA	-8,608	0,027	0,275
CHR15	9586502	CHR15:9586502	SSF x LoA	-9,462	0,069	0,299
CHR15	9596031	CHR15:9596031	SSF x LoA	-9,866	0,063	0,293
CHR15	9596111	CHR15:9596111	SSF x LoA	-9,725	-0,047	0,287
CHR15	9596112	CHR15:9596112	SSF x LoA	-8,410	-0,064	0,287
CHR15	9596146	CHR15:9596146	SSF x LoA	-9,730	-0,057	0,273
CHR15	9596151	CHR15:9596151	SSF x LoA	-8,851	-0,032	0,284
CHR15	9599463	CHR15:9599463	SSF x LoA	-10,283	-0,002	0,299
CHR15	9600424	CHR15:9600424	SSF x LoA	-8,405	0,051	0,289
CHR15	9600474	CHR15:9600474	SSF x LoA	-8,695	0,033	0,294
CHR15	9600588	CHR15:9600588	SSF x LoA	-9,661	0,057	0,297
CHR15	9607313	CHR15:9607313	SSF x LoA	-6,921	-0,086	0,287
CHR15	9607380	CHR15:9607380	SSF x LoA	-9,513	0,121	0,287
CHR15	9607466	CHR15:9607466	SSF x LoA	-10,119	-0,097	0,293
CHR15	9607516	CHR15:9607516	SSF x LoA	-7,818	-0,126	0,292
CHR15	9607548	CHR15:9607548	SSF x LoA	-8,104	0,078	0,291
CHR15	9607600	CHR15:9607600	SSF x LoA	-7,069	0,043	0,298
CHR15	9611260	CHR15:9611260	SSF x LoA	-7,845	-0,067	0,275
CHR15	9629135	CHR15:9629135	SSF x LoA	-4,482	-0,105	0,289
CHR15	9629184	CHR15:9629184	SSF x LoA	-11,410	-0,001	0,294
CHR15	9629265	CHR15:9629265	SSF x LoA	-7,830	0,175	0,291

CHR15	9629378	CHR15:9629378	SSF x LoA	-10,243	0,019	0,290
CHR15	9630086	CHR15:9630086	SSF x LoA	-6,524	-0,079	0,296
CHR15	9630112	CHR15:9630112	SSF x LoA	-5,917	-0,115	0,290
CHR15	9630123	CHR15:9630123	SSF x LoA	-6,384	-0,110	0,298
CHR15	9630126	CHR15:9630126	SSF x LoA	-3,698	-0,122	0,288
CHR15	9634634	CHR15:9634634	SSF x LoA	-7,348	-0,059	0,288
CHR15	9640112	CHR15:9640112	SSF x LoA	-10,321	-0,037	0,293
CHR15	9640149	CHR15:9640149	SSF x LoA	-9,548	-0,086	0,292
CHR15	9640347	CHR15:9640347	SSF x LoA	-1,768	0,023	0,276
CHR15	9648695	CHR15:9648695	SSF x LoA	-9,137	-0,004	0,297
CHR15	9653526	CHR15:9653526	SSF x LoA	-9,043	0,154	0,280
CHR15	9653609	CHR15:9653609	SSF x LoA	-9,314	0,136	0,277
CHR15	9653637	CHR15:9653637	SSF x LoA	-0,687	0,209	0,291
CHR15	9653741	CHR15:9653741	SSF x LoA	-9,520	0,077	0,295
CHR15	9655322	CHR15:9655322	SSF x LoA	-10,807	0,072	0,281
CHR15	9660127	CHR15:9660127	SSF x LoA	-11,628	-0,011	0,292
CHR15	9660152	CHR15:9660152	SSF x LoA	-9,394	-0,092	0,295
CHR15	9660170	CHR15:9660170	SSF x LoA	-7,200	-0,146	0,272
CHR15	9660213	CHR15:9660213	SSF x LoA	-8,206	-0,032	0,294
CHR15	9660316	CHR15:9660316	SSF x LoA	-9,066	0,016	0,281
CHR15	9660397	CHR15:9660397	SSF x LoA	-1,623	0,167	0,290
CHR15	9672197	CHR15:9672197	SSF x LoA	-9,259	0,048	0,297
CHR15	9672200	CHR15:9672200	SSF x LoA	-9,105	0,080	0,282
CHR15	9703335	CHR15:9703335	SSF x LoA	-7,041	0,117	0,287
CHR15	9704159	CHR15:9704159	SSF x LoA	8,124	-0,163	0,284
CHR15	9704225	CHR15:9704225	SSF x LoA	-8,234	-0,060	0,289
CHR15	9704266	CHR15:9704266	SSF x LoA	-9,283	0,057	0,291
CHR15	9704300	CHR15:9704300	SSF x LoA	-11,595	-0,018	0,271
CHR15	9704316	CHR15:9704316	SSF x LoA	-6,496	-0,102	0,294
CHR15	9707959	CHR15:9707959	SSF x LoA	-11,564	0,002	0,294
CHR15	9708009	CHR15:9708009	SSF x LoA	-5,826	-0,168	0,280
CHR15	9729724	CHR15:9729724	SSF x LoA	-10,349	-0,096	0,264
CHR15	9744768	CHR15:9744768	SSF x LoA	-6,921	0,107	0,297
CHR15	9754883	CHR15:9754883	SSF x LoA	-9,771	0,001	0,287
CHR15	9759885	CHR15:9759885	SSF x LoA	-10,047	0,077	0,289
CHR15	9777106	CHR15:9777106	SSF x LoA	-3,609	-0,144	0,288
CHR15	980718	CHR15:980718	SSF x LoA	-7,501	0,021	0,284
CHR15	980849	CHR15:980849	SSF x LoA	-6,325	0,028	0,274
CHR15	980893	CHR15:980893	SSF x LoA	-11,561	-0,042	0,284
CHR15	9819245	CHR15:9819245	SSF x LoA	2,923	-0,060	0,306
CHR15	9831172	CHR15:9831172	SSF x LoA	-8,514	0,029	0,290
CHR15	9873348	CHR15:9873348	SSF x LoA	-9,813	0,061	0,290
CHR15	9895872	CHR15:9895872	SSF x LoA	-8,552	0,011	0,289
CHR15	9913747	CHR15:9913747	SSF x LoA	-7,759	-0,093	0,297
CHR15	9929811	CHR15:9929811	SSF x LoA	-9,091	-0,103	0,294
CHR15	9931131	CHR15:9931131	SSF x LoA	-7,436	0,116	0,287
CHR15	9931290	CHR15:9931290	SSF x LoA	-7,754	-0,069	0,288
CHR15	9935573	CHR15:9935573	SSF x LoA	-10,339	0,044	0,291
CHR15	9948605	CHR15:9948605	SSF x LoA	-10,023	-0,107	0,279
CHR15	9949565	CHR15:9949565	SSF x LoA	-5,742	0,166	0,295
CHR15	9949919	CHR15:9949919	SSF x LoA	-11,599	-0,050	0,295
CHR15	9951542	CHR15:9951542	SSF x LoA	-9,722	0,048	0,292
CHR15	9953548	CHR15:9953548	SSF x LoA	-8,305	0,109	0,286

CHR15	9955016	CHR15:9955016	SSF x LoA	-8,638	-0,032	0,286
CHR15	9976386	CHR15:9976386	SSF x LoA	-10,047	0,097	0,278
CHR15	9976447	CHR15:9976447	SSF x LoA	-9,801	0,097	0,286
CHR15	9976494	CHR15:9976494	SSF x LoA	-9,205	0,039	0,285
CHR15	9976547	CHR15:9976547	SSF x LoA	-9,244	0,105	0,284
CHR15	9983549	CHR15:9983549	SSF x LoA	-11,620	0,066	0,284
CHR15	9983718	CHR15:9983718	SSF x LoA	-8,669	0,000	0,288
CHR15	9983740	CHR15:9983740	SSF x LoA	-10,264	-0,065	0,276
CHR16	1000114	CHR16:1000114	SSF x LoA	-8,757	0,072	0,302
CHR16	1000129	CHR16:1000129	SSF x LoA	-6,966	0,140	0,281
CHR16	1000142	CHR16:1000142	SSF x LoA	-7,760	0,076	0,282
CHR16	1000175	CHR16:1000175	SSF x LoA	-8,353	0,034	0,304
CHR16	1009503	CHR16:1009503	SSF x LoA	-7,979	0,075	0,309
CHR16	1009504	CHR16:1009504	SSF x LoA	-9,755	0,151	0,290
CHR16	1009531	CHR16:1009531	SSF x LoA	-7,714	-0,038	0,297
CHR16	1009538	CHR16:1009538	SSF x LoA	-6,984	-0,043	0,293
CHR16	1013711	CHR16:1013711	SSF x LoA	-5,522	0,131	0,291
CHR16	1013805	CHR16:1013805	SSF x LoA	-8,376	-0,038	0,283
CHR16	1013918	CHR16:1013918	SSF x LoA	-7,952	-0,089	0,289
CHR16	1013981	CHR16:1013981	SSF x LoA	-8,528	-0,010	0,284
CHR16	1013982	CHR16:1013982	SSF x LoA	-8,550	0,016	0,285
CHR16	1025557	CHR16:1025557	SSF x LoA	-11,144	-0,046	0,290
CHR16	1025759	CHR16:1025759	SSF x LoA	-5,820	-0,034	0,294
CHR16	1038855	CHR16:1038855	SSF x LoA	-9,340	0,077	0,292
CHR16	1038921	CHR16:1038921	SSF x LoA	-0,986	0,146	0,297
CHR16	1041049	CHR16:1041049	SSF x LoA	-4,519	-0,078	0,301
CHR16	1049498	CHR16:1049498	SSF x LoA	-8,567	-0,095	0,288
CHR16	1049523	CHR16:1049523	SSF x LoA	-8,993	0,085	0,290
CHR16	1049559	CHR16:1049559	SSF x LoA	-6,174	-0,075	0,272
CHR16	1049587	CHR16:1049587	SSF x LoA	-8,826	-0,062	0,296
CHR16	1049604	CHR16:1049604	SSF x LoA	-8,926	-0,044	0,269
CHR16	1049778	CHR16:1049778	SSF x LoA	-6,879	-0,006	0,296
CHR16	1059456	CHR16:1059456	SSF x LoA	-6,571	0,180	0,281
CHR16	1059655	CHR16:1059655	SSF x LoA	-8,007	-0,117	0,294
CHR16	1059781	CHR16:1059781	SSF x LoA	-6,893	-0,045	0,292
CHR16	1069322	CHR16:1069322	SSF x LoA	-9,661	-0,057	0,287
CHR16	1069467	CHR16:1069467	SSF x LoA	-11,409	0,012	0,281
CHR16	1069564	CHR16:1069564	SSF x LoA	-8,959	0,047	0,293
CHR16	1080719	CHR16:1080719	SSF x LoA	-7,209	0,106	0,297
CHR16	1080767	CHR16:1080767	SSF x LoA	-9,261	0,162	0,283
CHR16	1080771	CHR16:1080771	SSF x LoA	-7,173	0,087	0,295
CHR16	1080780	CHR16:1080780	SSF x LoA	-6,843	0,076	0,286
CHR16	1089101	CHR16:1089101	SSF x LoA	-6,817	-0,053	0,293
CHR16	1089118	CHR16:1089118	SSF x LoA	-9,562	-0,020	0,305
CHR16	1089148	CHR16:1089148	SSF x LoA	-6,231	0,121	0,285
CHR16	1089150	CHR16:1089150	SSF x LoA	-8,287	-0,148	0,286
CHR16	1089173	CHR16:1089173	SSF x LoA	-9,379	-0,077	0,283
CHR16	1089232	CHR16:1089232	SSF x LoA	-8,906	-0,111	0,281
CHR16	1089240	CHR16:1089240	SSF x LoA	-8,573	-0,092	0,283
CHR16	1089290	CHR16:1089290	SSF x LoA	-7,759	0,107	0,285
CHR16	1098842	CHR16:1098842	SSF x LoA	-9,166	-0,017	0,291
CHR16	1099752	CHR16:1099752	SSF x LoA	-10,742	-0,035	0,301
CHR16	1116799	CHR16:1116799	SSF x LoA	-6,949	0,143	0,303

CHR16	1116868	CHR16:1116868	SSF x LoA	-6,100	-0,159	0,285
CHR16	1117460	CHR16:1117460	SSF x LoA	-8,499	0,075	0,270
CHR16	1117830	CHR16:1117830	SSF x LoA	-5,774	0,173	0,289
CHR16	1121146	CHR16:1121146	SSF x LoA	-7,323	0,090	0,283
CHR16	1121226	CHR16:1121226	SSF x LoA	-9,668	0,119	0,290
CHR16	1121308	CHR16:1121308	SSF x LoA	-9,461	-0,063	0,285
CHR16	1121314	CHR16:1121314	SSF x LoA	-8,974	-0,068	0,290
CHR16	1121387	CHR16:1121387	SSF x LoA	-9,023	0,016	0,282
CHR16	1121388	CHR16:1121388	SSF x LoA	-4,856	-0,218	0,276
CHR16	1134755	CHR16:1134755	SSF x LoA	-3,432	0,103	0,299
CHR16	1134947	CHR16:1134947	SSF x LoA	1,270	0,088	0,274
CHR16	1138737	CHR16:1138737	SSF x LoA	-9,127	0,094	0,276
CHR16	1138856	CHR16:1138856	SSF x LoA	-9,183	0,018	0,294
CHR16	1142987	CHR16:1142987	SSF x LoA	-6,811	0,124	0,293
CHR16	1152933	CHR16:1152933	SSF x LoA	-7,408	-0,019	0,274
CHR16	1154431	CHR16:1154431	SSF x LoA	-11,053	-0,041	0,275
CHR16	1154470	CHR16:1154470	SSF x LoA	-9,270	0,001	0,283
CHR16	1154490	CHR16:1154490	SSF x LoA	-8,900	-0,049	0,299
CHR16	1154539	CHR16:1154539	SSF x LoA	-6,604	-0,203	0,264
CHR16	1157098	CHR16:1157098	SSF x LoA	-6,763	-0,136	0,300
CHR16	1157107	CHR16:1157107	SSF x LoA	-5,053	0,189	0,289
CHR16	1157116	CHR16:1157116	SSF x LoA	-5,090	0,203	0,281
CHR16	1164473	CHR16:1164473	SSF x LoA	-8,655	-0,050	0,279
CHR16	1169724	CHR16:1169724	SSF x LoA	-6,614	-0,137	0,282
CHR16	1169725	CHR16:1169725	SSF x LoA	-9,295	0,097	0,291
CHR16	1169817	CHR16:1169817	SSF x LoA	-8,969	-0,093	0,283
CHR16	1178514	CHR16:1178514	SSF x LoA	-7,670	0,075	0,290
CHR16	1178520	CHR16:1178520	SSF x LoA	-7,585	0,105	0,296
CHR16	1178526	CHR16:1178526	SSF x LoA	-5,906	0,070	0,286
CHR16	1178548	CHR16:1178548	SSF x LoA	-8,318	-0,022	0,289
CHR16	1181128	CHR16:1181128	SSF x LoA	-9,057	0,045	0,292
CHR16	1181191	CHR16:1181191	SSF x LoA	-8,598	-0,021	0,279
CHR16	1181200	CHR16:1181200	SSF x LoA	-7,581	-0,044	0,274
CHR16	1182481	CHR16:1182481	SSF x LoA	-6,952	-0,145	0,277
CHR16	1209118	CHR16:1209118	SSF x LoA	-9,303	0,098	0,290
CHR16	1222785	CHR16:1222785	SSF x LoA	-8,386	-0,101	0,274
CHR16	1222816	CHR16:1222816	SSF x LoA	-7,865	-0,007	0,280
CHR16	1222820	CHR16:1222820	SSF x LoA	-8,688	-0,069	0,282
CHR16	1222877	CHR16:1222877	SSF x LoA	-7,691	-0,097	0,282
CHR16	1222950	CHR16:1222950	SSF x LoA	-9,155	-0,087	0,276
CHR16	1222965	CHR16:1222965	SSF x LoA	-8,001	0,031	0,297
CHR16	1223064	CHR16:1223064	SSF x LoA	-9,636	0,013	0,275
CHR16	1223065	CHR16:1223065	SSF x LoA	-5,627	0,135	0,294
CHR16	1223250	CHR16:1223250	SSF x LoA	-7,314	0,096	0,287
CHR16	1268069	CHR16:1268069	SSF x LoA	-8,976	-0,019	0,291
CHR16	1268094	CHR16:1268094	SSF x LoA	-10,253	0,000	0,277
CHR16	1268161	CHR16:1268161	SSF x LoA	-9,561	0,020	0,286
CHR16	1271009	CHR16:1271009	SSF x LoA	-7,798	0,008	0,295
CHR16	1271091	CHR16:1271091	SSF x LoA	-9,599	0,052	0,289
CHR16	1271123	CHR16:1271123	SSF x LoA	-9,560	0,007	0,295
CHR16	1278163	CHR16:1278163	SSF x LoA	-10,007	0,042	0,293
CHR16	1278428	CHR16:1278428	SSF x LoA	-7,322	0,122	0,276
CHR16	1278590	CHR16:1278590	SSF x LoA	-9,235	0,091	0,293

CHR16	1302970	CHR16:1302970	SSF x LoA	-6,963	-0,110	0,274
CHR16	1317050	CHR16:1317050	SSF x LoA	-6,540	-0,116	0,286
CHR16	1317070	CHR16:1317070	SSF x LoA	-3,641	0,119	0,299
CHR16	1317178	CHR16:1317178	SSF x LoA	-8,980	-0,083	0,302
CHR16	1317181	CHR16:1317181	SSF x LoA	-10,899	0,003	0,288
CHR16	1317193	CHR16:1317193	SSF x LoA	-6,423	-0,207	0,267
CHR16	1317229	CHR16:1317229	SSF x LoA	0,196	0,188	0,278
CHR16	1328231	CHR16:1328231	SSF x LoA	-10,801	0,047	0,298
CHR16	1328244	CHR16:1328244	SSF x LoA	-1,897	-0,018	0,291
CHR16	1328291	CHR16:1328291	SSF x LoA	-8,850	0,022	0,297
CHR16	1328302	CHR16:1328302	SSF x LoA	-7,994	0,080	0,291
CHR16	1328372	CHR16:1328372	SSF x LoA	-7,677	-0,157	0,280
CHR16	1339697	CHR16:1339697	SSF x LoA	-6,772	-0,073	0,293
CHR16	1339698	CHR16:1339698	SSF x LoA	-5,949	0,071	0,300
CHR16	1339703	CHR16:1339703	SSF x LoA	-10,133	0,125	0,293
CHR16	1343723	CHR16:1343723	SSF x LoA	-8,817	0,039	0,302
CHR16	1343761	CHR16:1343761	SSF x LoA	-8,357	0,010	0,283
CHR16	1343840	CHR16:1343840	SSF x LoA	-7,415	0,003	0,291
CHR16	1343975	CHR16:1343975	SSF x LoA	-6,173	0,034	0,302
CHR16	1348320	CHR16:1348320	SSF x LoA	1,379	-0,096	0,295
CHR16	1348388	CHR16:1348388	SSF x LoA	-7,352	0,113	0,300
CHR16	1348458	CHR16:1348458	SSF x LoA	-7,342	0,124	0,292
CHR16	1356684	CHR16:1356684	SSF x LoA	-8,251	0,104	0,286
CHR16	1356694	CHR16:1356694	SSF x LoA	-8,506	0,110	0,287
CHR16	1373236	CHR16:1373236	SSF x LoA	-11,162	0,032	0,303
CHR16	1373278	CHR16:1373278	SSF x LoA	-8,226	-0,137	0,283
CHR16	1373315	CHR16:1373315	SSF x LoA	-10,243	-0,068	0,283
CHR16	1373475	CHR16:1373475	SSF x LoA	-7,029	0,143	0,295
CHR16	1401419	CHR16:1401419	SSF x LoA	-5,906	0,125	0,276
CHR16	1404033	CHR16:1404033	SSF x LoA	-3,478	0,017	0,296
CHR16	1404071	CHR16:1404071	SSF x LoA	-8,159	-0,043	0,291
CHR16	1404121	CHR16:1404121	SSF x LoA	-9,018	-0,095	0,286
CHR16	1404181	CHR16:1404181	SSF x LoA	-7,752	-0,216	0,282
CHR16	1410827	CHR16:1410827	SSF x LoA	-8,428	0,001	0,277
CHR16	1410853	CHR16:1410853	SSF x LoA	-7,047	-0,125	0,278
CHR16	1410908	CHR16:1410908	SSF x LoA	-8,499	-0,152	0,268
CHR16	1410950	CHR16:1410950	SSF x LoA	-10,249	-0,155	0,278
CHR16	1417675	CHR16:1417675	SSF x LoA	-9,423	-0,018	0,281
CHR16	1417922	CHR16:1417922	SSF x LoA	-3,102	0,052	0,278
CHR16	1417931	CHR16:1417931	SSF x LoA	-6,800	0,148	0,281
CHR16	1417934	CHR16:1417934	SSF x LoA	-7,688	0,086	0,278
CHR16	1417955	CHR16:1417955	SSF x LoA	-11,347	0,037	0,300
CHR16	1422282	CHR16:1422282	SSF x LoA	-7,840	0,146	0,283
CHR16	1422354	CHR16:1422354	SSF x LoA	-8,935	-0,013	0,297
CHR16	1422373	CHR16:1422373	SSF x LoA	-6,984	0,022	0,295
CHR16	1443005	CHR16:1443005	SSF x LoA	-8,675	0,009	0,290
CHR16	1443287	CHR16:1443287	SSF x LoA	-6,498	0,132	0,300
CHR16	1451703	CHR16:1451703	SSF x LoA	-8,426	0,065	0,276
CHR16	1451719	CHR16:1451719	SSF x LoA	-8,703	0,111	0,274
CHR16	1452113	CHR16:1452113	SSF x LoA	-9,582	0,060	0,299
CHR16	1452168	CHR16:1452168	SSF x LoA	-7,649	-0,072	0,290
CHR16	1454868	CHR16:1454868	SSF x LoA	-10,823	-0,012	0,284
CHR16	1454937	CHR16:1454937	SSF x LoA	-8,224	0,074	0,296

CHR16	1454955	CHR16:1454955	SSF x LoA	-6,165	-0,130	0,277
CHR16	1454959	CHR16:1454959	SSF x LoA	-10,807	-0,021	0,297
CHR16	1455033	CHR16:1455033	SSF x LoA	-8,874	0,007	0,291
CHR16	1455052	CHR16:1455052	SSF x LoA	-8,647	0,177	0,289
CHR16	1455139	CHR16:1455139	SSF x LoA	-4,685	0,102	0,273
CHR16	1455168	CHR16:1455168	SSF x LoA	-10,194	0,077	0,295
CHR16	1455184	CHR16:1455184	SSF x LoA	-8,240	0,116	0,284
CHR16	1474841	CHR16:1474841	SSF x LoA	-10,379	-0,018	0,286
CHR16	1479630	CHR16:1479630	SSF x LoA	-10,398	-0,013	0,290
CHR16	1479787	CHR16:1479787	SSF x LoA	-9,302	-0,071	0,278
CHR16	1479833	CHR16:1479833	SSF x LoA	-5,128	-0,143	0,285
CHR16	1479904	CHR16:1479904	SSF x LoA	-10,521	0,005	0,294
CHR16	1486892	CHR16:1486892	SSF x LoA	-10,458	-0,038	0,298
CHR16	1486928	CHR16:1486928	SSF x LoA	16,586	-0,149	0,277
CHR16	1504456	CHR16:1504456	SSF x LoA	-8,521	-0,007	0,294
CHR16	1504572	CHR16:1504572	SSF x LoA	-8,332	-0,063	0,301
CHR16	1504574	CHR16:1504574	SSF x LoA	-4,471	0,134	0,287
CHR16	1506642	CHR16:1506642	SSF x LoA	-9,190	-0,032	0,297
CHR16	1506689	CHR16:1506689	SSF x LoA	-9,232	-0,010	0,296
CHR16	150746	CHR16:150746	SSF x LoA	-10,954	0,053	0,289
CHR16	1507924	CHR16:1507924	SSF x LoA	-9,750	-0,063	0,298
CHR16	1508088	CHR16:1508088	SSF x LoA	-5,693	0,049	0,295
CHR16	1508149	CHR16:1508149	SSF x LoA	-6,442	0,005	0,287
CHR16	1508152	CHR16:1508152	SSF x LoA	-8,234	0,033	0,301
CHR16	1508159	CHR16:1508159	SSF x LoA	-9,891	0,074	0,279
CHR16	1508162	CHR16:1508162	SSF x LoA	-8,774	0,059	0,297
CHR16	1508169	CHR16:1508169	SSF x LoA	-7,255	0,093	0,290
CHR16	1508189	CHR16:1508189	SSF x LoA	-6,560	-0,066	0,280
CHR16	1508198	CHR16:1508198	SSF x LoA	-8,467	0,012	0,294
CHR16	1508243	CHR16:1508243	SSF x LoA	-8,774	0,021	0,302
CHR16	1508253	CHR16:1508253	SSF x LoA	-8,562	0,026	0,303
CHR16	1526262	CHR16:1526262	SSF x LoA	-8,368	-0,117	0,278
CHR16	1526288	CHR16:1526288	SSF x LoA	-9,255	0,120	0,275
CHR16	1526344	CHR16:1526344	SSF x LoA	-2,037	-0,138	0,275
CHR16	1526411	CHR16:1526411	SSF x LoA	-10,242	0,029	0,289
CHR16	1526472	CHR16:1526472	SSF x LoA	-10,608	-0,075	0,290
CHR16	1538913	CHR16:1538913	SSF x LoA	-6,318	0,132	0,299
CHR16	1539179	CHR16:1539179	SSF x LoA	-8,317	0,157	0,277
CHR16	1539236	CHR16:1539236	SSF x LoA	-9,902	0,092	0,295
CHR16	1539330	CHR16:1539330	SSF x LoA	-8,403	-0,167	0,279
CHR16	1547551	CHR16:1547551	SSF x LoA	-4,657	-0,060	0,284
CHR16	1547555	CHR16:1547555	SSF x LoA	-9,509	-0,016	0,286
CHR16	1547595	CHR16:1547595	SSF x LoA	-9,173	0,045	0,281
CHR16	1547679	CHR16:1547679	SSF x LoA	-11,107	0,008	0,294
CHR16	1547775	CHR16:1547775	SSF x LoA	-6,453	-0,126	0,292
CHR16	1547787	CHR16:1547787	SSF x LoA	-10,945	0,012	0,305
CHR16	1562275	CHR16:1562275	SSF x LoA	-10,956	0,124	0,286
CHR16	1562291	CHR16:1562291	SSF x LoA	-10,665	-0,130	0,278
CHR16	1562299	CHR16:1562299	SSF x LoA	-6,018	0,165	0,297
CHR16	1562377	CHR16:1562377	SSF x LoA	-9,631	0,015	0,290
CHR16	1562421	CHR16:1562421	SSF x LoA	-8,223	0,065	0,292
CHR16	1586484	CHR16:1586484	SSF x LoA	-7,237	0,014	0,300
CHR16	1586539	CHR16:1586539	SSF x LoA	-8,112	0,071	0,294

CHR16	1586541	CHR16:1586541	SSF x LoA	-7,308	0,078	0,292
CHR16	1586599	CHR16:1586599	SSF x LoA	-8,360	-0,117	0,280
CHR16	1586628	CHR16:1586628	SSF x LoA	-8,617	-0,131	0,291
CHR16	1599889	CHR16:1599889	SSF x LoA	-8,704	0,042	0,284
CHR16	1599960	CHR16:1599960	SSF x LoA	-8,766	0,052	0,291
CHR16	1600089	CHR16:1600089	SSF x LoA	-9,505	-0,055	0,284
CHR16	1602002	CHR16:1602002	SSF x LoA	-8,874	-0,034	0,296
CHR16	1602022	CHR16:1602022	SSF x LoA	-9,053	-0,011	0,287
CHR16	1603909	CHR16:1603909	SSF x LoA	-7,905	-0,081	0,296
CHR16	1631303	CHR16:1631303	SSF x LoA	-7,248	-0,091	0,281
CHR16	1631340	CHR16:1631340	SSF x LoA	-9,570	-0,053	0,294
CHR16	1631491	CHR16:1631491	SSF x LoA	-9,918	0,014	0,300
CHR16	1631565	CHR16:1631565	SSF x LoA	4,103	-0,040	0,297
CHR16	1637188	CHR16:1637188	SSF x LoA	-11,462	0,038	0,287
CHR16	1637349	CHR16:1637349	SSF x LoA	-8,767	0,058	0,279
CHR16	1637373	CHR16:1637373	SSF x LoA	-7,720	-0,007	0,296
CHR16	1667309	CHR16:1667309	SSF x LoA	-8,553	0,044	0,298
CHR16	1667386	CHR16:1667386	SSF x LoA	-9,294	-0,107	0,294
CHR16	1680404	CHR16:1680404	SSF x LoA	-8,967	-0,031	0,267
CHR16	1680482	CHR16:1680482	SSF x LoA	-9,047	-0,016	0,288
CHR16	1680484	CHR16:1680484	SSF x LoA	-8,852	0,066	0,271
CHR16	1680570	CHR16:1680570	SSF x LoA	-10,480	-0,009	0,283
CHR16	1683822	CHR16:1683822	SSF x LoA	-7,973	0,046	0,293
CHR16	1703652	CHR16:1703652	SSF x LoA	-11,785	0,035	0,289
CHR16	1703659	CHR16:1703659	SSF x LoA	-7,665	0,000	0,275
CHR16	1703670	CHR16:1703670	SSF x LoA	-11,440	-0,011	0,272
CHR16	1703671	CHR16:1703671	SSF x LoA	-7,878	-0,038	0,293
CHR16	1703673	CHR16:1703673	SSF x LoA	-10,782	0,025	0,284
CHR16	1704979	CHR16:1704979	SSF x LoA	-10,902	-0,076	0,278
CHR16	1705010	CHR16:1705010	SSF x LoA	-8,725	0,087	0,293
CHR16	1705046	CHR16:1705046	SSF x LoA	-4,117	0,019	0,287
CHR16	1734469	CHR16:1734469	SSF x LoA	-5,759	0,022	0,284
CHR16	1734632	CHR16:1734632	SSF x LoA	-7,672	-0,186	0,268
CHR16	1734781	CHR16:1734781	SSF x LoA	-9,540	0,074	0,277
CHR16	1734796	CHR16:1734796	SSF x LoA	-10,050	0,084	0,283
CHR16	1741175	CHR16:1741175	SSF x LoA	-8,361	-0,085	0,279
CHR16	1741279	CHR16:1741279	SSF x LoA	-9,981	-0,021	0,288
CHR16	1749490	CHR16:1749490	SSF x LoA	-8,905	0,047	0,289
CHR16	1753075	CHR16:1753075	SSF x LoA	-9,161	-0,124	0,280
CHR16	1753149	CHR16:1753149	SSF x LoA	-9,167	0,045	0,299
CHR16	1753750	CHR16:1753750	SSF x LoA	-8,982	0,124	0,289
CHR16	1769809	CHR16:1769809	SSF x LoA	-9,065	0,062	0,312
CHR16	1782019	CHR16:1782019	SSF x LoA	-6,408	0,009	0,290
CHR16	1783474	CHR16:1783474	SSF x LoA	-7,950	-0,009	0,291
CHR16	1783581	CHR16:1783581	SSF x LoA	-7,637	0,082	0,299
CHR16	1789027	CHR16:1789027	SSF x LoA	-6,813	-0,042	0,289
CHR16	1789124	CHR16:1789124	SSF x LoA	-7,376	-0,076	0,286
CHR16	1789175	CHR16:1789175	SSF x LoA	-4,462	0,013	0,292
CHR16	1789223	CHR16:1789223	SSF x LoA	-8,583	-0,023	0,297
CHR16	1789260	CHR16:1789260	SSF x LoA	-3,722	-0,122	0,300
CHR16	1789279	CHR16:1789279	SSF x LoA	-10,804	-0,041	0,296
CHR16	1796429	CHR16:1796429	SSF x LoA	-8,586	-0,116	0,282
CHR16	1796546	CHR16:1796546	SSF x LoA	-5,527	-0,179	0,273

CHR16	1796566	CHR16:1796566	SSF x LoA	-6,772	-0,198	0,283
CHR16	1796602	CHR16:1796602	SSF x LoA	-4,912	-0,232	0,266
CHR16	1812962	CHR16:1812962	SSF x LoA	-8,358	-0,074	0,293
CHR16	1819790	CHR16:1819790	SSF x LoA	-8,817	0,000	0,285
CHR16	1836404	CHR16:1836404	SSF x LoA	-8,049	-0,103	0,277
CHR16	1838844	CHR16:1838844	SSF x LoA	-10,339	0,005	0,274
CHR16	1846775	CHR16:1846775	SSF x LoA	-9,179	-0,032	0,278
CHR16	1846998	CHR16:1846998	SSF x LoA	0,593	-0,145	0,290
CHR16	1860097	CHR16:1860097	SSF x LoA	6,467	-0,147	0,265
CHR16	1860208	CHR16:1860208	SSF x LoA	-8,436	-0,070	0,287
CHR16	1860238	CHR16:1860238	SSF x LoA	-8,811	0,070	0,307
CHR16	1861961	CHR16:1861961	SSF x LoA	-9,425	-0,096	0,289
CHR16	1862112	CHR16:1862112	SSF x LoA	-10,396	0,041	0,302
CHR16	1871538	CHR16:1871538	SSF x LoA	-8,927	-0,031	0,291
CHR16	1889907	CHR16:1889907	SSF x LoA	-7,742	0,037	0,292
CHR16	1890003	CHR16:1890003	SSF x LoA	-7,609	0,017	0,298
CHR16	1897462	CHR16:1897462	SSF x LoA	-8,102	0,129	0,289
CHR16	1902575	CHR16:1902575	SSF x LoA	-8,538	0,000	0,291
CHR16	1902637	CHR16:1902637	SSF x LoA	-7,071	-0,004	0,292
CHR16	1902836	CHR16:1902836	SSF x LoA	-8,837	-0,023	0,288
CHR16	1902962	CHR16:1902962	SSF x LoA	-9,609	0,034	0,288
CHR16	1902992	CHR16:1902992	SSF x LoA	-5,631	0,182	0,271
CHR16	1905708	CHR16:1905708	SSF x LoA	-5,535	0,114	0,293
CHR16	1905735	CHR16:1905735	SSF x LoA	-7,470	0,118	0,279
CHR16	1907546	CHR16:1907546	SSF x LoA	-7,531	-0,015	0,281
CHR16	1916550	CHR16:1916550	SSF x LoA	-5,194	-0,004	0,296
CHR16	1916660	CHR16:1916660	SSF x LoA	-9,388	-0,054	0,284
CHR16	1916767	CHR16:1916767	SSF x LoA	-8,118	0,061	0,272
CHR16	1916771	CHR16:1916771	SSF x LoA	-6,538	-0,007	0,292
CHR16	1916790	CHR16:1916790	SSF x LoA	-7,974	0,009	0,291
CHR16	1916844	CHR16:1916844	SSF x LoA	-5,342	-0,017	0,300
CHR16	1916850	CHR16:1916850	SSF x LoA	-3,649	-0,234	0,274
CHR16	1925252	CHR16:1925252	SSF x LoA	-7,214	-0,004	0,292
CHR16	1951223	CHR16:1951223	SSF x LoA	-6,495	-0,096	0,286
CHR16	1951286	CHR16:1951286	SSF x LoA	-5,880	0,141	0,283
CHR16	1951504	CHR16:1951504	SSF x LoA	-8,557	-0,023	0,290
CHR16	1951521	CHR16:1951521	SSF x LoA	-7,375	-0,109	0,273
CHR16	1951536	CHR16:1951536	SSF x LoA	-11,941	0,076	0,277
CHR16	1951560	CHR16:1951560	SSF x LoA	-6,232	-0,122	0,275
CHR16	1951569	CHR16:1951569	SSF x LoA	-10,186	-0,066	0,298
CHR16	1964193	CHR16:1964193	SSF x LoA	-9,899	0,091	0,277
CHR16	1997859	CHR16:1997859	SSF x LoA	-8,943	0,093	0,280
CHR16	2005543	CHR16:2005543	SSF x LoA	-8,283	-0,026	0,286
CHR16	2005683	CHR16:2005683	SSF x LoA	-7,311	-0,090	0,285
CHR16	2023085	CHR16:2023085	SSF x LoA	-8,661	-0,012	0,289
CHR16	2023105	CHR16:2023105	SSF x LoA	-7,648	0,068	0,302
CHR16	2023166	CHR16:2023166	SSF x LoA	-9,664	-0,066	0,291
CHR16	2024686	CHR16:2024686	SSF x LoA	-6,621	0,199	0,272
CHR16	2029324	CHR16:2029324	SSF x LoA	-3,422	-0,129	0,281
CHR16	2030595	CHR16:2030595	SSF x LoA	-7,376	0,048	0,282
CHR16	2030627	CHR16:2030627	SSF x LoA	-8,106	-0,061	0,280
CHR16	2030636	CHR16:2030636	SSF x LoA	-6,729	-0,130	0,278
CHR16	2031018	CHR16:2031018	SSF x LoA	-6,327	0,056	0,296

CHR16	2050143	CHR16:2050143	SSF x LoA	1,757	0,258	0,287
CHR16	2050165	CHR16:2050165	SSF x LoA	-7,220	0,018	0,279
CHR16	2050180	CHR16:2050180	SSF x LoA	-9,588	-0,029	0,289
CHR16	2050199	CHR16:2050199	SSF x LoA	-8,984	0,053	0,282
CHR16	2050220	CHR16:2050220	SSF x LoA	-3,825	-0,078	0,291
CHR16	2050304	CHR16:2050304	SSF x LoA	-7,504	0,116	0,295
CHR16	2060464	CHR16:2060464	SSF x LoA	-8,727	0,017	0,295
CHR16	2060470	CHR16:2060470	SSF x LoA	-8,830	-0,030	0,290
CHR16	2060675	CHR16:2060675	SSF x LoA	-5,850	-0,032	0,287
CHR16	2060679	CHR16:2060679	SSF x LoA	-5,713	0,009	0,274
CHR16	2060697	CHR16:2060697	SSF x LoA	-8,080	0,038	0,284
CHR16	2080726	CHR16:2080726	SSF x LoA	-4,433	-0,186	0,287
CHR16	2080743	CHR16:2080743	SSF x LoA	-8,432	-0,020	0,292
CHR16	2093844	CHR16:2093844	SSF x LoA	-9,087	-0,097	0,294
CHR16	2093946	CHR16:2093946	SSF x LoA	-6,255	-0,139	0,286
CHR16	2132639	CHR16:2132639	SSF x LoA	-6,631	-0,024	0,287
CHR16	2133779	CHR16:2133779	SSF x LoA	-10,385	-0,010	0,298
CHR16	2140104	CHR16:2140104	SSF x LoA	-7,249	0,039	0,272
CHR16	2140267	CHR16:2140267	SSF x LoA	-7,606	0,069	0,290
CHR16	2140334	CHR16:2140334	SSF x LoA	-9,601	-0,075	0,290
CHR16	2140367	CHR16:2140367	SSF x LoA	-10,376	-0,046	0,297
CHR16	215804	CHR16:215804	SSF x LoA	-6,930	0,034	0,299
CHR16	2195633	CHR16:2195633	SSF x LoA	-6,970	-0,028	0,305
CHR16	2203467	CHR16:2203467	SSF x LoA	-8,966	0,057	0,267
CHR16	2219442	CHR16:2219442	SSF x LoA	-1,774	-0,020	0,297
CHR16	2233754	CHR16:2233754	SSF x LoA	-7,131	0,135	0,283
CHR16	2233797	CHR16:2233797	SSF x LoA	-8,121	0,090	0,290
CHR16	2233824	CHR16:2233824	SSF x LoA	-5,931	-0,177	0,278
CHR16	2233853	CHR16:2233853	SSF x LoA	-6,117	0,094	0,302
CHR16	2256387	CHR16:2256387	SSF x LoA	-6,868	0,199	0,287
CHR16	2256411	CHR16:2256411	SSF x LoA	-7,758	0,181	0,290
CHR16	2256413	CHR16:2256413	SSF x LoA	-8,730	-0,058	0,287
CHR16	2256432	CHR16:2256432	SSF x LoA	-8,215	0,130	0,293
CHR16	2261201	CHR16:2261201	SSF x LoA	-6,221	0,057	0,293
CHR16	2261212	CHR16:2261212	SSF x LoA	-9,212	0,010	0,297
CHR16	2265341	CHR16:2265341	SSF x LoA	-9,195	0,001	0,291
CHR16	2265424	CHR16:2265424	SSF x LoA	-8,956	-0,145	0,283
CHR16	2272541	CHR16:2272541	SSF x LoA	-9,330	0,054	0,296
CHR16	2272579	CHR16:2272579	SSF x LoA	-6,662	-0,049	0,282
CHR16	2272584	CHR16:2272584	SSF x LoA	-10,656	0,117	0,296
CHR16	2272591	CHR16:2272591	SSF x LoA	-9,686	-0,148	0,281
CHR16	2272603	CHR16:2272603	SSF x LoA	-11,281	0,019	0,293
CHR16	2272656	CHR16:2272656	SSF x LoA	-9,460	0,057	0,292
CHR16	2272700	CHR16:2272700	SSF x LoA	-9,407	0,068	0,300
CHR16	2280416	CHR16:2280416	SSF x LoA	-7,907	-0,005	0,291
CHR16	2280595	CHR16:2280595	SSF x LoA	-7,401	-0,162	0,273
CHR16	2293467	CHR16:2293467	SSF x LoA	-8,223	0,124	0,287
CHR16	2293563	CHR16:2293563	SSF x LoA	-4,863	-0,104	0,285
CHR16	2293729	CHR16:2293729	SSF x LoA	-9,390	-0,119	0,281
CHR16	2305687	CHR16:2305687	SSF x LoA	-9,865	-0,040	0,296
CHR16	2305688	CHR16:2305688	SSF x LoA	-8,549	-0,019	0,286
CHR16	2305732	CHR16:2305732	SSF x LoA	-8,689	0,003	0,301
CHR16	2308772	CHR16:2308772	SSF x LoA	-8,803	-0,102	0,294

CHR16	2312803	CHR16:2312803	SSF x LoA	-7,706	-0,043	0,274
CHR16	2312811	CHR16:2312811	SSF x LoA	-7,362	0,168	0,279
CHR16	2312817	CHR16:2312817	SSF x LoA	-7,445	-0,035	0,281
CHR16	2312830	CHR16:2312830	SSF x LoA	-8,009	-0,028	0,275
CHR16	2312873	CHR16:2312873	SSF x LoA	-8,064	0,108	0,284
CHR16	2336946	CHR16:2336946	SSF x LoA	-7,903	0,046	0,282
CHR16	2337105	CHR16:2337105	SSF x LoA	-9,434	-0,020	0,296
CHR16	2337898	CHR16:2337898	SSF x LoA	-9,379	0,125	0,289
CHR16	2337954	CHR16:2337954	SSF x LoA	-6,890	0,026	0,303
CHR16	2338009	CHR16:2338009	SSF x LoA	-6,929	0,072	0,293
CHR16	2357506	CHR16:2357506	SSF x LoA	-8,242	0,025	0,280
CHR16	2357621	CHR16:2357621	SSF x LoA	-9,094	0,056	0,285
CHR16	2357637	CHR16:2357637	SSF x LoA	-8,974	0,038	0,296
CHR16	2357638	CHR16:2357638	SSF x LoA	-10,739	0,029	0,297
CHR16	2357665	CHR16:2357665	SSF x LoA	-5,123	-0,124	0,270
CHR16	2366855	CHR16:2366855	SSF x LoA	-7,152	-0,039	0,295
CHR16	2366966	CHR16:2366966	SSF x LoA	-7,854	-0,079	0,276
CHR16	2367173	CHR16:2367173	SSF x LoA	-8,045	-0,047	0,283
CHR16	237024	CHR16:237024	SSF x LoA	-9,453	0,092	0,280
CHR16	2374608	CHR16:2374608	SSF x LoA	-7,179	0,074	0,301
CHR16	2374611	CHR16:2374611	SSF x LoA	-6,921	0,114	0,298
CHR16	2374705	CHR16:2374705	SSF x LoA	-9,693	0,045	0,290
CHR16	2385410	CHR16:2385410	SSF x LoA	-7,404	-0,075	0,305
CHR16	2385455	CHR16:2385455	SSF x LoA	-5,434	-0,194	0,267
CHR16	2385469	CHR16:2385469	SSF x LoA	-8,889	-0,136	0,283
CHR16	2391308	CHR16:2391308	SSF x LoA	-10,253	0,003	0,290
CHR16	2391505	CHR16:2391505	SSF x LoA	-10,644	0,050	0,289
CHR16	2391542	CHR16:2391542	SSF x LoA	-11,413	-0,025	0,286
CHR16	2391654	CHR16:2391654	SSF x LoA	-7,645	0,039	0,290
CHR16	2391667	CHR16:2391667	SSF x LoA	-9,324	-0,013	0,297
CHR16	2408454	CHR16:2408454	SSF x LoA	-7,981	0,080	0,272
CHR16	2408471	CHR16:2408471	SSF x LoA	-1,102	0,037	0,294
CHR16	2408551	CHR16:2408551	SSF x LoA	-7,743	-0,071	0,282
CHR16	2408639	CHR16:2408639	SSF x LoA	-8,154	0,029	0,284
CHR16	2419689	CHR16:2419689	SSF x LoA	-7,776	0,092	0,278
CHR16	2419844	CHR16:2419844	SSF x LoA	-10,586	0,005	0,299
CHR16	2420027	CHR16:2420027	SSF x LoA	-7,530	0,082	0,294
CHR16	2422889	CHR16:2422889	SSF x LoA	-7,673	0,093	0,301
CHR16	2422935	CHR16:2422935	SSF x LoA	-8,718	-0,031	0,277
CHR16	2425446	CHR16:2425446	SSF x LoA	-8,882	-0,039	0,285
CHR16	2472470	CHR16:2472470	SSF x LoA	-7,705	0,044	0,300
CHR16	2475781	CHR16:2475781	SSF x LoA	-8,529	-0,022	0,287
CHR16	2479390	CHR16:2479390	SSF x LoA	-8,632	0,059	0,291
CHR16	2479502	CHR16:2479502	SSF x LoA	-8,596	-0,051	0,285
CHR16	2479510	CHR16:2479510	SSF x LoA	-2,222	-0,054	0,290
CHR16	2481590	CHR16:2481590	SSF x LoA	-9,675	0,072	0,288
CHR16	248335	CHR16:248335	SSF x LoA	-10,241	-0,096	0,292
CHR16	2484593	CHR16:2484593	SSF x LoA	-8,140	0,055	0,304
CHR16	2484625	CHR16:2484625	SSF x LoA	-11,800	-0,012	0,283
CHR16	2484734	CHR16:2484734	SSF x LoA	-10,484	0,071	0,291
CHR16	2484793	CHR16:2484793	SSF x LoA	-2,358	0,220	0,279
CHR16	2484807	CHR16:2484807	SSF x LoA	-7,875	-0,093	0,295
CHR16	2484844	CHR16:2484844	SSF x LoA	-8,922	0,102	0,285

CHR16	2490432	CHR16:2490432	SSF x LoA	-4,645	-0,084	0,289
CHR16	2490456	CHR16:2490456	SSF x LoA	-7,615	-0,112	0,282
CHR16	2516718	CHR16:2516718	SSF x LoA	-8,265	0,007	0,296
CHR16	2516778	CHR16:2516778	SSF x LoA	-9,411	0,040	0,299
CHR16	2517080	CHR16:2517080	SSF x LoA	-7,083	0,072	0,316
CHR16	2517081	CHR16:2517081	SSF x LoA	-7,699	0,082	0,295
CHR16	2530083	CHR16:2530083	SSF x LoA	-11,341	0,028	0,283
CHR16	2531247	CHR16:2531247	SSF x LoA	-6,870	0,075	0,285
CHR16	2531277	CHR16:2531277	SSF x LoA	-8,556	-0,024	0,295
CHR16	2548094	CHR16:2548094	SSF x LoA	-5,755	-0,086	0,291
CHR16	2548189	CHR16:2548189	SSF x LoA	-8,685	-0,031	0,297
CHR16	2548190	CHR16:2548190	SSF x LoA	-8,034	-0,050	0,292
CHR16	2548231	CHR16:2548231	SSF x LoA	-10,042	0,075	0,287
CHR16	2548236	CHR16:2548236	SSF x LoA	16,184	0,237	0,286
CHR16	2548262	CHR16:2548262	SSF x LoA	-4,645	-0,095	0,285
CHR16	2548307	CHR16:2548307	SSF x LoA	-6,217	0,189	0,296
CHR16	2548318	CHR16:2548318	SSF x LoA	-0,551	-0,227	0,275
CHR16	2548321	CHR16:2548321	SSF x LoA	-9,628	0,055	0,299
CHR16	2548330	CHR16:2548330	SSF x LoA	-10,472	-0,010	0,293
CHR16	2555211	CHR16:2555211	SSF x LoA	-7,717	0,073	0,285
CHR16	2555343	CHR16:2555343	SSF x LoA	-5,332	-0,113	0,292
CHR16	2559794	CHR16:2559794	SSF x LoA	-9,936	0,009	0,290
CHR16	2559826	CHR16:2559826	SSF x LoA	-11,144	-0,009	0,276
CHR16	2570373	CHR16:2570373	SSF x LoA	-8,513	-0,102	0,291
CHR16	2570447	CHR16:2570447	SSF x LoA	-7,320	0,159	0,266
CHR16	2570588	CHR16:2570588	SSF x LoA	-8,219	0,125	0,289
CHR16	2586603	CHR16:2586603	SSF x LoA	-9,102	0,026	0,296
CHR16	2586605	CHR16:2586605	SSF x LoA	-9,477	0,019	0,289
CHR16	2586609	CHR16:2586609	SSF x LoA	-10,595	0,036	0,279
CHR16	2586610	CHR16:2586610	SSF x LoA	-10,821	0,083	0,285
CHR16	2586805	CHR16:2586805	SSF x LoA	-8,067	-0,018	0,289
CHR16	2586820	CHR16:2586820	SSF x LoA	-6,301	0,018	0,298
CHR16	2593237	CHR16:2593237	SSF x LoA	-5,894	-0,140	0,274
CHR16	2593238	CHR16:2593238	SSF x LoA	-8,390	-0,087	0,279
CHR16	2593239	CHR16:2593239	SSF x LoA	-8,799	-0,051	0,273
CHR16	2593257	CHR16:2593257	SSF x LoA	-6,335	0,107	0,285
CHR16	2607663	CHR16:2607663	SSF x LoA	-8,663	-0,026	0,274
CHR16	2607677	CHR16:2607677	SSF x LoA	-7,236	-0,086	0,283
CHR16	2607754	CHR16:2607754	SSF x LoA	-9,398	0,011	0,305
CHR16	2607755	CHR16:2607755	SSF x LoA	-7,564	-0,030	0,298
CHR16	2607760	CHR16:2607760	SSF x LoA	-8,114	0,000	0,279
CHR16	2627201	CHR16:2627201	SSF x LoA	-6,738	0,085	0,298
CHR16	2637149	CHR16:2637149	SSF x LoA	-9,424	0,086	0,280
CHR16	2650653	CHR16:2650653	SSF x LoA	-9,548	-0,052	0,277
CHR16	2683256	CHR16:2683256	SSF x LoA	-8,117	0,004	0,297
CHR16	2690929	CHR16:2690929	SSF x LoA	-10,070	0,062	0,278
CHR16	2690931	CHR16:2690931	SSF x LoA	-9,488	-0,009	0,279
CHR16	2690949	CHR16:2690949	SSF x LoA	-10,340	-0,032	0,292
CHR16	2691152	CHR16:2691152	SSF x LoA	-8,201	-0,047	0,292
CHR16	2695207	CHR16:2695207	SSF x LoA	-8,387	-0,094	0,269
CHR16	2698365	CHR16:2698365	SSF x LoA	-11,112	0,029	0,284
CHR16	2698490	CHR16:2698490	SSF x LoA	-10,843	-0,006	0,295
CHR16	2698525	CHR16:2698525	SSF x LoA	-9,603	0,078	0,294

CHR16	2701974	CHR16:2701974	SSF x LoA	-9,042	0,043	0,305
CHR16	2740732	CHR16:2740732	SSF x LoA	2,032	0,075	0,303
CHR16	2748019	CHR16:2748019	SSF x LoA	-10,728	-0,047	0,280
CHR16	2748041	CHR16:2748041	SSF x LoA	-8,613	0,001	0,301
CHR16	2829611	CHR16:2829611	SSF x LoA	-7,517	-0,038	0,291
CHR16	2829665	CHR16:2829665	SSF x LoA	-10,470	0,050	0,291
CHR16	2829776	CHR16:2829776	SSF x LoA	-1,242	0,073	0,305
CHR16	2842000	CHR16:2842000	SSF x LoA	-9,768	0,009	0,289
CHR16	2842001	CHR16:2842001	SSF x LoA	-8,229	-0,008	0,299
CHR16	289509	CHR16:289509	SSF x LoA	-10,858	0,022	0,288
CHR16	289564	CHR16:289564	SSF x LoA	-10,165	0,015	0,297
CHR16	2922924	CHR16:2922924	SSF x LoA	-5,168	-0,036	0,304
CHR16	2922972	CHR16:2922972	SSF x LoA	-9,860	-0,041	0,280
CHR16	2927370	CHR16:2927370	SSF x LoA	-7,910	-0,103	0,289
CHR16	2939223	CHR16:2939223	SSF x LoA	-11,025	-0,058	0,296
CHR16	2939235	CHR16:2939235	SSF x LoA	-5,880	-0,069	0,285
CHR16	2939280	CHR16:2939280	SSF x LoA	-10,185	-0,046	0,291
CHR16	2949899	CHR16:2949899	SSF x LoA	-8,680	0,005	0,294
CHR16	2950160	CHR16:2950160	SSF x LoA	-8,163	0,021	0,284
CHR16	2956169	CHR16:2956169	SSF x LoA	-8,713	0,120	0,276
CHR16	2957701	CHR16:2957701	SSF x LoA	-11,471	-0,054	0,278
CHR16	3024594	CHR16:3024594	SSF x LoA	-5,927	0,046	0,280
CHR16	3024684	CHR16:3024684	SSF x LoA	-8,245	-0,026	0,293
CHR16	3049035	CHR16:3049035	SSF x LoA	-10,766	0,007	0,274
CHR16	3049105	CHR16:3049105	SSF x LoA	-8,059	0,003	0,302
CHR16	3049190	CHR16:3049190	SSF x LoA	-9,089	0,047	0,276
CHR16	3049202	CHR16:3049202	SSF x LoA	-7,793	0,052	0,292
CHR16	3049238	CHR16:3049238	SSF x LoA	-6,092	0,026	0,289
CHR16	3049244	CHR16:3049244	SSF x LoA	-7,409	-0,123	0,288
CHR16	3049265	CHR16:3049265	SSF x LoA	-8,804	-0,006	0,278
CHR16	3058667	CHR16:3058667	SSF x LoA	-6,564	-0,093	0,289
CHR16	3058686	CHR16:3058686	SSF x LoA	-10,400	0,045	0,292
CHR16	3076587	CHR16:3076587	SSF x LoA	-10,231	0,038	0,282
CHR16	3076596	CHR16:3076596	SSF x LoA	-10,028	0,038	0,285
CHR16	3076629	CHR16:3076629	SSF x LoA	-8,931	-0,036	0,289
CHR16	3076631	CHR16:3076631	SSF x LoA	-7,981	-0,048	0,294
CHR16	3076634	CHR16:3076634	SSF x LoA	-9,179	-0,022	0,280
CHR16	3076679	CHR16:3076679	SSF x LoA	-8,998	-0,090	0,282
CHR16	3078342	CHR16:3078342	SSF x LoA	-8,214	0,075	0,283
CHR16	3078551	CHR16:3078551	SSF x LoA	-10,336	0,019	0,280
CHR16	3083567	CHR16:3083567	SSF x LoA	-4,314	0,086	0,307
CHR16	3083583	CHR16:3083583	SSF x LoA	-8,809	0,006	0,294
CHR16	3083593	CHR16:3083593	SSF x LoA	-9,153	-0,094	0,289
CHR16	3083667	CHR16:3083667	SSF x LoA	-10,604	-0,013	0,283
CHR16	3083690	CHR16:3083690	SSF x LoA	-8,453	0,164	0,281
CHR16	3100460	CHR16:3100460	SSF x LoA	-9,540	-0,029	0,296
CHR16	3100584	CHR16:3100584	SSF x LoA	-9,022	-0,027	0,289
CHR16	3115803	CHR16:3115803	SSF x LoA	-7,103	-0,169	0,279
CHR16	3115857	CHR16:3115857	SSF x LoA	-7,900	0,105	0,288
CHR16	3117395	CHR16:3117395	SSF x LoA	-8,934	-0,111	0,294
CHR16	3128783	CHR16:3128783	SSF x LoA	-10,176	-0,089	0,288
CHR16	3128948	CHR16:3128948	SSF x LoA	-8,061	-0,002	0,301
CHR16	3130380	CHR16:3130380	SSF x LoA	-7,680	0,042	0,291

CHR16	3130381	CHR16:3130381	SSF x LoA	-4,514	0,053	0,286
CHR16	3130427	CHR16:3130427	SSF x LoA	-9,293	-0,139	0,292
CHR16	3130481	CHR16:3130481	SSF x LoA	-8,409	0,048	0,291
CHR16	3133161	CHR16:3133161	SSF x LoA	-10,285	-0,095	0,303
CHR16	3133168	CHR16:3133168	SSF x LoA	-8,929	0,063	0,290
CHR16	3133295	CHR16:3133295	SSF x LoA	-7,829	0,057	0,289
CHR16	3133321	CHR16:3133321	SSF x LoA	-6,703	0,062	0,294
CHR16	3133421	CHR16:3133421	SSF x LoA	-10,942	0,047	0,294
CHR16	3133454	CHR16:3133454	SSF x LoA	-9,119	-0,017	0,293
CHR16	3143224	CHR16:3143224	SSF x LoA	-7,709	0,028	0,299
CHR16	3165937	CHR16:3165937	SSF x LoA	-9,410	-0,023	0,294
CHR16	3184223	CHR16:3184223	SSF x LoA	-8,557	-0,137	0,283
CHR16	3184474	CHR16:3184474	SSF x LoA	-8,803	0,019	0,306
CHR16	3184518	CHR16:3184518	SSF x LoA	-7,757	-0,144	0,286
CHR16	3209596	CHR16:3209596	SSF x LoA	-8,337	-0,108	0,288
CHR16	3209832	CHR16:3209832	SSF x LoA	-7,771	-0,117	0,287
CHR16	3242903	CHR16:3242903	SSF x LoA	-8,224	-0,016	0,299
CHR16	3242905	CHR16:3242905	SSF x LoA	1,468	0,067	0,303
CHR16	3242976	CHR16:3242976	SSF x LoA	-9,401	-0,009	0,300
CHR16	3243810	CHR16:3243810	SSF x LoA	-3,925	-0,064	0,294
CHR16	3243838	CHR16:3243838	SSF x LoA	-10,393	-0,052	0,278
CHR16	3243899	CHR16:3243899	SSF x LoA	-9,282	0,002	0,271
CHR16	3245748	CHR16:3245748	SSF x LoA	-8,084	0,025	0,308
CHR16	3245781	CHR16:3245781	SSF x LoA	-2,595	0,008	0,298
CHR16	3245909	CHR16:3245909	SSF x LoA	-9,545	-0,111	0,288
CHR16	3250589	CHR16:3250589	SSF x LoA	-9,043	-0,030	0,302
CHR16	3250611	CHR16:3250611	SSF x LoA	-10,391	0,056	0,289
CHR16	3250667	CHR16:3250667	SSF x LoA	-7,045	-0,092	0,319
CHR16	3250747	CHR16:3250747	SSF x LoA	-10,736	-0,013	0,286
CHR16	3250935	CHR16:3250935	SSF x LoA	-8,528	-0,005	0,285
CHR16	3269718	CHR16:3269718	SSF x LoA	-8,199	0,075	0,288
CHR16	3300285	CHR16:3300285	SSF x LoA	-6,790	-0,119	0,285
CHR16	3300459	CHR16:3300459	SSF x LoA	-9,971	0,064	0,291
CHR16	3308155	CHR16:3308155	SSF x LoA	-11,064	0,044	0,293
CHR16	3308242	CHR16:3308242	SSF x LoA	-9,802	-0,048	0,298
CHR16	3322845	CHR16:3322845	SSF x LoA	-7,614	-0,061	0,276
CHR16	3352084	CHR16:3352084	SSF x LoA	-8,443	0,045	0,292
CHR16	3352088	CHR16:3352088	SSF x LoA	-9,310	0,006	0,304
CHR16	3352164	CHR16:3352164	SSF x LoA	-9,181	0,057	0,288
CHR16	3352166	CHR16:3352166	SSF x LoA	-7,410	-0,025	0,292
CHR16	3352278	CHR16:3352278	SSF x LoA	-9,979	0,020	0,274
CHR16	3352291	CHR16:3352291	SSF x LoA	-7,630	-0,087	0,295
CHR16	3352469	CHR16:3352469	SSF x LoA	-7,711	-0,101	0,287
CHR16	3352478	CHR16:3352478	SSF x LoA	-2,489	0,069	0,306
CHR16	3373475	CHR16:3373475	SSF x LoA	-8,667	-0,040	0,285
CHR16	3373548	CHR16:3373548	SSF x LoA	-9,297	0,106	0,289
CHR16	3373556	CHR16:3373556	SSF x LoA	-9,357	0,120	0,285
CHR16	3373560	CHR16:3373560	SSF x LoA	-8,590	0,128	0,292
CHR16	3373567	CHR16:3373567	SSF x LoA	-8,115	-0,072	0,291
CHR16	3375598	CHR16:3375598	SSF x LoA	-9,410	0,126	0,302
CHR16	3375690	CHR16:3375690	SSF x LoA	-8,897	0,029	0,281
CHR16	3375721	CHR16:3375721	SSF x LoA	-8,809	-0,031	0,284
CHR16	3383026	CHR16:3383026	SSF x LoA	-4,729	-0,069	0,289

CHR16	3383184	CHR16:3383184	SSF x LoA	-11,347	0,052	0,284
CHR16	3383292	CHR16:3383292	SSF x LoA	-8,309	-0,062	0,283
CHR16	338737	CHR16:338737	SSF x LoA	-10,961	0,044	0,300
CHR16	3389639	CHR16:3389639	SSF x LoA	-9,979	-0,003	0,300
CHR16	3389963	CHR16:3389963	SSF x LoA	-6,764	-0,105	0,291
CHR16	3410028	CHR16:3410028	SSF x LoA	-8,846	0,019	0,294
CHR16	3410038	CHR16:3410038	SSF x LoA	-9,787	-0,078	0,301
CHR16	3412331	CHR16:3412331	SSF x LoA	-11,100	0,018	0,290
CHR16	3412421	CHR16:3412421	SSF x LoA	-11,168	-0,029	0,300
CHR16	3443338	CHR16:3443338	SSF x LoA	-10,385	-0,011	0,277
CHR16	3445922	CHR16:3445922	SSF x LoA	-11,021	-0,033	0,297
CHR16	3445967	CHR16:3445967	SSF x LoA	-8,336	-0,140	0,296
CHR16	3445994	CHR16:3445994	SSF x LoA	-11,072	0,024	0,280
CHR16	3446035	CHR16:3446035	SSF x LoA	-4,024	-0,222	0,282
CHR16	3446138	CHR16:3446138	SSF x LoA	-6,544	0,100	0,297
CHR16	3446176	CHR16:3446176	SSF x LoA	-4,858	0,089	0,297
CHR16	3446186	CHR16:3446186	SSF x LoA	-6,971	0,131	0,286
CHR16	3446197	CHR16:3446197	SSF x LoA	-6,945	0,148	0,300
CHR16	3446204	CHR16:3446204	SSF x LoA	-3,244	0,144	0,284
CHR16	3446208	CHR16:3446208	SSF x LoA	-4,506	-0,231	0,274
CHR16	3452837	CHR16:3452837	SSF x LoA	-3,430	-0,078	0,297
CHR16	3452883	CHR16:3452883	SSF x LoA	-8,753	-0,031	0,284
CHR16	345312	CHR16:345312	SSF x LoA	-10,873	-0,071	0,277
CHR16	3456222	CHR16:3456222	SSF x LoA	-8,344	0,092	0,297
CHR16	3456226	CHR16:3456226	SSF x LoA	-4,951	-0,106	0,287
CHR16	3457709	CHR16:3457709	SSF x LoA	-7,773	-0,045	0,291
CHR16	3461793	CHR16:3461793	SSF x LoA	-9,825	-0,012	0,298
CHR16	3461927	CHR16:3461927	SSF x LoA	-8,883	-0,132	0,291
CHR16	3469147	CHR16:3469147	SSF x LoA	-11,930	-0,045	0,283
CHR16	3469375	CHR16:3469375	SSF x LoA	-7,566	0,013	0,295
CHR16	3476213	CHR16:3476213	SSF x LoA	-8,545	-0,061	0,295
CHR16	3476221	CHR16:3476221	SSF x LoA	-8,688	-0,074	0,295
CHR16	3476231	CHR16:3476231	SSF x LoA	-9,214	-0,047	0,286
CHR16	3480396	CHR16:3480396	SSF x LoA	-8,244	0,035	0,277
CHR16	3489633	CHR16:3489633	SSF x LoA	-2,585	-0,048	0,309
CHR16	3506075	CHR16:3506075	SSF x LoA	-5,742	-0,189	0,275
CHR16	3517260	CHR16:3517260	SSF x LoA	-7,813	-0,045	0,305
CHR16	353219	CHR16:353219	SSF x LoA	-8,534	-0,137	0,280
CHR16	353220	CHR16:353220	SSF x LoA	-7,679	-0,120	0,279
CHR16	353230	CHR16:353230	SSF x LoA	-3,853	-0,098	0,290
CHR16	353234	CHR16:353234	SSF x LoA	-9,946	-0,028	0,295
CHR16	3556754	CHR16:3556754	SSF x LoA	-10,107	-0,004	0,291
CHR16	3558017	CHR16:3558017	SSF x LoA	-9,378	0,071	0,282
CHR16	3679816	CHR16:3679816	SSF x LoA	-7,519	0,069	0,297
CHR16	368193	CHR16:368193	SSF x LoA	-9,725	0,045	0,291
CHR16	3713644	CHR16:3713644	SSF x LoA	-8,216	-0,051	0,288
CHR16	3713846	CHR16:3713846	SSF x LoA	-9,277	0,154	0,280
CHR16	3720887	CHR16:3720887	SSF x LoA	-7,621	-0,061	0,283
CHR16	3720896	CHR16:3720896	SSF x LoA	-7,649	-0,058	0,266
CHR16	3726709	CHR16:3726709	SSF x LoA	-7,254	0,151	0,296
CHR16	3731236	CHR16:3731236	SSF x LoA	-7,556	0,045	0,293
CHR16	3743499	CHR16:3743499	SSF x LoA	-8,120	-0,019	0,300
CHR16	3743506	CHR16:3743506	SSF x LoA	-8,042	-0,145	0,272

CHR16	3752414	CHR16:3752414	SSF x LoA	-9,303	0,018	0,296
CHR16	3752449	CHR16:3752449	SSF x LoA	-9,430	0,072	0,286
CHR16	3752469	CHR16:3752469	SSF x LoA	-9,700	-0,075	0,284
CHR16	3752538	CHR16:3752538	SSF x LoA	-8,702	0,030	0,284
CHR16	3760811	CHR16:3760811	SSF x LoA	-8,376	-0,012	0,297
CHR16	3779246	CHR16:3779246	SSF x LoA	-5,523	0,106	0,276
CHR16	3897348	CHR16:3897348	SSF x LoA	-8,921	0,117	0,290
CHR16	3900397	CHR16:3900397	SSF x LoA	-9,450	0,010	0,280
CHR16	3909532	CHR16:3909532	SSF x LoA	-5,404	0,209	0,285
CHR16	3918619	CHR16:3918619	SSF x LoA	-9,156	0,028	0,294
CHR16	3918634	CHR16:3918634	SSF x LoA	-6,911	0,152	0,296
CHR16	3934469	CHR16:3934469	SSF x LoA	-7,214	-0,129	0,292
CHR16	3940084	CHR16:3940084	SSF x LoA	-7,202	0,068	0,294
CHR16	3940130	CHR16:3940130	SSF x LoA	-7,308	0,111	0,287
CHR16	3940174	CHR16:3940174	SSF x LoA	-6,735	0,035	0,287
CHR16	3940179	CHR16:3940179	SSF x LoA	-7,298	-0,062	0,288
CHR16	3946389	CHR16:3946389	SSF x LoA	-9,888	-0,035	0,281
CHR16	3946391	CHR16:3946391	SSF x LoA	-10,486	0,024	0,291
CHR16	3946533	CHR16:3946533	SSF x LoA	-4,905	-0,124	0,296
CHR16	3946542	CHR16:3946542	SSF x LoA	-11,231	-0,070	0,273
CHR16	3954586	CHR16:3954586	SSF x LoA	-7,296	-0,058	0,292
CHR16	3954712	CHR16:3954712	SSF x LoA	-6,122	0,147	0,286
CHR16	3966580	CHR16:3966580	SSF x LoA	-10,308	0,016	0,297
CHR16	3966599	CHR16:3966599	SSF x LoA	-10,731	-0,003	0,277
CHR16	3966644	CHR16:3966644	SSF x LoA	-11,366	0,028	0,293
CHR16	3966746	CHR16:3966746	SSF x LoA	-8,583	0,018	0,294
CHR16	3994946	CHR16:3994946	SSF x LoA	-8,127	-0,111	0,290
CHR16	3995039	CHR16:3995039	SSF x LoA	-9,440	0,026	0,302
CHR16	4008667	CHR16:4008667	SSF x LoA	-9,389	-0,034	0,270
CHR16	4008710	CHR16:4008710	SSF x LoA	-7,416	0,098	0,281
CHR16	4027837	CHR16:4027837	SSF x LoA	-10,797	-0,019	0,301
CHR16	4027850	CHR16:4027850	SSF x LoA	-6,584	0,135	0,280
CHR16	403166	CHR16:403166	SSF x LoA	-8,566	0,078	0,305
CHR16	4042880	CHR16:4042880	SSF x LoA	-6,272	0,072	0,286
CHR16	4042881	CHR16:4042881	SSF x LoA	-6,636	-0,147	0,285
CHR16	4043056	CHR16:4043056	SSF x LoA	-7,863	0,090	0,293
CHR16	4044515	CHR16:4044515	SSF x LoA	-8,384	-0,093	0,297
CHR16	4049473	CHR16:4049473	SSF x LoA	-10,355	0,033	0,291
CHR16	4049505	CHR16:4049505	SSF x LoA	-10,767	-0,017	0,305
CHR16	4102051	CHR16:4102051	SSF x LoA	-9,077	-0,055	0,285
CHR16	4102113	CHR16:4102113	SSF x LoA	-10,714	-0,004	0,283
CHR16	4102130	CHR16:4102130	SSF x LoA	-7,107	-0,173	0,281
CHR16	4102200	CHR16:4102200	SSF x LoA	-7,310	-0,124	0,276
CHR16	4103828	CHR16:4103828	SSF x LoA	-7,142	0,159	0,293
CHR16	4103884	CHR16:4103884	SSF x LoA	-8,591	-0,041	0,289
CHR16	4103945	CHR16:4103945	SSF x LoA	-9,662	0,017	0,273
CHR16	4109945	CHR16:4109945	SSF x LoA	-9,911	0,100	0,308
CHR16	4109949	CHR16:4109949	SSF x LoA	-9,114	-0,124	0,295
CHR16	4109952	CHR16:4109952	SSF x LoA	-7,386	0,137	0,303
CHR16	4109955	CHR16:4109955	SSF x LoA	-9,198	0,069	0,290
CHR16	4109993	CHR16:4109993	SSF x LoA	-9,267	-0,095	0,283
CHR16	4110005	CHR16:4110005	SSF x LoA	-7,891	0,196	0,286
CHR16	4110066	CHR16:4110066	SSF x LoA	-7,776	0,103	0,300

CHR16	4110073	CHR16:4110073	SSF x LoA	-7,677	0,070	0,296
CHR16	4110129	CHR16:4110129	SSF x LoA	-8,406	-0,064	0,304
CHR16	4110163	CHR16:4110163	SSF x LoA	-8,452	0,036	0,284
CHR16	4110188	CHR16:4110188	SSF x LoA	-5,830	-0,089	0,286
CHR16	4125656	CHR16:4125656	SSF x LoA	-9,418	0,059	0,285
CHR16	4125734	CHR16:4125734	SSF x LoA	-10,106	0,071	0,278
CHR16	4135471	CHR16:4135471	SSF x LoA	-9,109	0,026	0,280
CHR16	4135477	CHR16:4135477	SSF x LoA	-8,188	-0,066	0,281
CHR16	4135498	CHR16:4135498	SSF x LoA	-8,537	-0,068	0,288
CHR16	4135514	CHR16:4135514	SSF x LoA	-8,329	-0,074	0,286
CHR16	4135526	CHR16:4135526	SSF x LoA	-9,607	-0,103	0,279
CHR16	4135530	CHR16:4135530	SSF x LoA	-8,689	-0,087	0,284
CHR16	4135586	CHR16:4135586	SSF x LoA	-8,158	0,029	0,290
CHR16	4135601	CHR16:4135601	SSF x LoA	-10,653	0,049	0,278
CHR16	4135651	CHR16:4135651	SSF x LoA	-8,320	-0,013	0,300
CHR16	4135660	CHR16:4135660	SSF x LoA	-8,519	-0,010	0,292
CHR16	4135671	CHR16:4135671	SSF x LoA	-8,709	0,044	0,299
CHR16	4142302	CHR16:4142302	SSF x LoA	-8,486	-0,077	0,290
CHR16	4142371	CHR16:4142371	SSF x LoA	-10,750	0,104	0,283
CHR16	4142383	CHR16:4142383	SSF x LoA	-7,080	0,124	0,273
CHR16	4142476	CHR16:4142476	SSF x LoA	-9,677	0,160	0,280
CHR16	4145604	CHR16:4145604	SSF x LoA	-6,531	0,188	0,287
CHR16	4145707	CHR16:4145707	SSF x LoA	-10,921	-0,038	0,302
CHR16	4145790	CHR16:4145790	SSF x LoA	-10,216	0,059	0,295
CHR16	4149840	CHR16:4149840	SSF x LoA	-7,710	0,166	0,283
CHR16	4169635	CHR16:4169635	SSF x LoA	-10,151	-0,013	0,297
CHR16	4169670	CHR16:4169670	SSF x LoA	-8,463	0,050	0,308
CHR16	4180062	CHR16:4180062	SSF x LoA	-8,849	-0,004	0,283
CHR16	4183871	CHR16:4183871	SSF x LoA	-8,759	-0,069	0,280
CHR16	4183988	CHR16:4183988	SSF x LoA	-7,758	-0,001	0,310
CHR16	4205508	CHR16:4205508	SSF x LoA	-10,317	-0,077	0,278
CHR16	4205654	CHR16:4205654	SSF x LoA	-7,510	-0,080	0,299
CHR16	4205666	CHR16:4205666	SSF x LoA	-9,606	0,000	0,285
CHR16	4205701	CHR16:4205701	SSF x LoA	-9,400	-0,013	0,278
CHR16	4205748	CHR16:4205748	SSF x LoA	-8,907	0,012	0,288
CHR16	420747	CHR16:420747	SSF x LoA	-10,457	-0,016	0,294
CHR16	4211705	CHR16:4211705	SSF x LoA	-9,088	-0,032	0,287
CHR16	4216151	CHR16:4216151	SSF x LoA	-9,147	0,061	0,273
CHR16	4252750	CHR16:4252750	SSF x LoA	-10,601	0,010	0,280
CHR16	4253535	CHR16:4253535	SSF x LoA	-8,205	0,006	0,304
CHR16	4253552	CHR16:4253552	SSF x LoA	-10,043	-0,098	0,302
CHR16	4253553	CHR16:4253553	SSF x LoA	-7,003	0,039	0,298
CHR16	4253555	CHR16:4253555	SSF x LoA	-8,502	0,033	0,284
CHR16	4253584	CHR16:4253584	SSF x LoA	-8,846	0,081	0,282
CHR16	4253622	CHR16:4253622	SSF x LoA	-7,778	0,025	0,297
CHR16	4253623	CHR16:4253623	SSF x LoA	-7,934	0,014	0,289
CHR16	4255441	CHR16:4255441	SSF x LoA	-8,887	0,083	0,277
CHR16	4266429	CHR16:4266429	SSF x LoA	-9,392	-0,024	0,288
CHR16	429321	CHR16:429321	SSF x LoA	-8,354	-0,053	0,286
CHR16	429336	CHR16:429336	SSF x LoA	-8,407	-0,076	0,291
CHR16	429471	CHR16:429471	SSF x LoA	-10,186	0,012	0,311
CHR16	4317164	CHR16:4317164	SSF x LoA	-8,361	-0,084	0,273
CHR16	4322079	CHR16:4322079	SSF x LoA	-6,836	-0,113	0,282

CHR16	4324634	CHR16:4324634	SSF x LoA	-10,269	-0,084	0,270
CHR16	4328520	CHR16:4328520	SSF x LoA	-8,688	-0,032	0,299
CHR16	4328617	CHR16:4328617	SSF x LoA	-8,628	0,029	0,286
CHR16	433047	CHR16:433047	SSF x LoA	-7,192	-0,143	0,287
CHR16	433265	CHR16:433265	SSF x LoA	-12,003	0,046	0,273
CHR16	4341977	CHR16:4341977	SSF x LoA	-10,341	-0,041	0,282
CHR16	4341994	CHR16:4341994	SSF x LoA	-9,911	0,097	0,296
CHR16	4342182	CHR16:4342182	SSF x LoA	-8,865	-0,049	0,271
CHR16	4349643	CHR16:4349643	SSF x LoA	-8,478	-0,087	0,300
CHR16	4349659	CHR16:4349659	SSF x LoA	-7,827	0,082	0,290
CHR16	4349687	CHR16:4349687	SSF x LoA	-7,959	0,061	0,282
CHR16	4349794	CHR16:4349794	SSF x LoA	-7,200	0,144	0,286
CHR16	4359214	CHR16:4359214	SSF x LoA	-6,299	-0,098	0,292
CHR16	4374213	CHR16:4374213	SSF x LoA	-8,874	0,019	0,290
CHR16	4383724	CHR16:4383724	SSF x LoA	-7,875	-0,050	0,283
CHR16	4383725	CHR16:4383725	SSF x LoA	-7,403	-0,076	0,282
CHR16	4383747	CHR16:4383747	SSF x LoA	-9,804	-0,012	0,287
CHR16	4383780	CHR16:4383780	SSF x LoA	-8,137	0,060	0,276
CHR16	4399836	CHR16:4399836	SSF x LoA	-8,787	0,057	0,271
CHR16	4399837	CHR16:4399837	SSF x LoA	-10,300	0,069	0,295
CHR16	4399899	CHR16:4399899	SSF x LoA	-9,727	-0,018	0,297
CHR16	4399912	CHR16:4399912	SSF x LoA	-8,615	0,099	0,293
CHR16	4399916	CHR16:4399916	SSF x LoA	-8,455	0,009	0,291
CHR16	4399939	CHR16:4399939	SSF x LoA	-8,799	-0,062	0,292
CHR16	4399942	CHR16:4399942	SSF x LoA	-8,646	0,044	0,279
CHR16	4399985	CHR16:4399985	SSF x LoA	-7,220	0,114	0,299
CHR16	4400142	CHR16:4400142	SSF x LoA	-8,067	-0,057	0,295
CHR16	4400162	CHR16:4400162	SSF x LoA	-8,341	-0,031	0,286
CHR16	4403814	CHR16:4403814	SSF x LoA	-6,372	-0,098	0,271
CHR16	4405691	CHR16:4405691	SSF x LoA	-8,990	-0,178	0,288
CHR16	4419322	CHR16:4419322	SSF x LoA	-1,111	0,083	0,288
CHR16	4419473	CHR16:4419473	SSF x LoA	-4,219	0,088	0,291
CHR16	4419510	CHR16:4419510	SSF x LoA	-10,024	0,105	0,290
CHR16	4419517	CHR16:4419517	SSF x LoA	-10,432	-0,030	0,291
CHR16	4420656	CHR16:4420656	SSF x LoA	-9,285	-0,093	0,283
CHR16	4420657	CHR16:4420657	SSF x LoA	-10,554	0,112	0,286
CHR16	4420664	CHR16:4420664	SSF x LoA	-10,096	0,111	0,292
CHR16	4420713	CHR16:4420713	SSF x LoA	-8,006	0,133	0,294
CHR16	4420780	CHR16:4420780	SSF x LoA	-7,799	0,011	0,293
CHR16	4420862	CHR16:4420862	SSF x LoA	-9,926	0,038	0,294
CHR16	4430697	CHR16:4430697	SSF x LoA	-10,042	-0,037	0,286
CHR16	4432256	CHR16:4432256	SSF x LoA	-5,583	0,136	0,289
CHR16	4432295	CHR16:4432295	SSF x LoA	-9,414	-0,025	0,284
CHR16	4435101	CHR16:4435101	SSF x LoA	-9,178	0,017	0,294
CHR16	4438578	CHR16:4438578	SSF x LoA	-9,997	-0,009	0,291
CHR16	4438662	CHR16:4438662	SSF x LoA	-9,636	-0,029	0,300
CHR16	4438739	CHR16:4438739	SSF x LoA	-9,758	0,041	0,295
CHR16	4438763	CHR16:4438763	SSF x LoA	-10,328	0,006	0,289
CHR16	4438796	CHR16:4438796	SSF x LoA	-11,505	-0,018	0,284
CHR16	4438882	CHR16:4438882	SSF x LoA	-9,457	0,038	0,284
CHR16	4438889	CHR16:4438889	SSF x LoA	-8,720	-0,054	0,300
CHR16	4438903	CHR16:4438903	SSF x LoA	-9,123	0,079	0,295
CHR16	4438916	CHR16:4438916	SSF x LoA	-10,205	0,087	0,281

CHR16	4438937	CHR16:4438937	SSF x LoA	-5,869	-0,174	0,295
CHR16	4438943	CHR16:4438943	SSF x LoA	-8,315	-0,160	0,286
CHR16	4438960	CHR16:4438960	SSF x LoA	-9,180	-0,131	0,298
CHR16	4438966	CHR16:4438966	SSF x LoA	-7,953	-0,179	0,283
CHR16	444019	CHR16:444019	SSF x LoA	-9,414	0,010	0,288
CHR16	444032	CHR16:444032	SSF x LoA	-6,973	0,068	0,305
CHR16	444065	CHR16:444065	SSF x LoA	-9,692	-0,050	0,296
CHR16	444261	CHR16:444261	SSF x LoA	-6,839	-0,132	0,282
CHR16	4443583	CHR16:4443583	SSF x LoA	-5,186	-0,192	0,278
CHR16	4443669	CHR16:4443669	SSF x LoA	-9,584	0,122	0,281
CHR16	444420	CHR16:444420	SSF x LoA	-10,433	0,007	0,295
CHR16	444424	CHR16:444424	SSF x LoA	-6,229	-0,163	0,286
CHR16	444436	CHR16:444436	SSF x LoA	-10,969	0,077	0,278
CHR16	444477	CHR16:444477	SSF x LoA	-9,905	0,096	0,294
CHR16	4453655	CHR16:4453655	SSF x LoA	-6,446	0,022	0,298
CHR16	4453670	CHR16:4453670	SSF x LoA	-9,609	0,051	0,273
CHR16	4453671	CHR16:4453671	SSF x LoA	-8,692	-0,016	0,295
CHR16	4456497	CHR16:4456497	SSF x LoA	-8,899	-0,190	0,281
CHR16	4456539	CHR16:4456539	SSF x LoA	-8,023	-0,115	0,293
CHR16	4457440	CHR16:4457440	SSF x LoA	-7,278	-0,129	0,297
CHR16	4462988	CHR16:4462988	SSF x LoA	-10,627	0,049	0,302
CHR16	4463003	CHR16:4463003	SSF x LoA	-8,552	-0,027	0,288
CHR16	4463053	CHR16:4463053	SSF x LoA	-4,192	-0,095	0,271
CHR16	4463079	CHR16:4463079	SSF x LoA	-6,813	0,180	0,289
CHR16	4463156	CHR16:4463156	SSF x LoA	-8,347	-0,119	0,295
CHR16	4463282	CHR16:4463282	SSF x LoA	-10,413	0,017	0,277
CHR16	4488428	CHR16:4488428	SSF x LoA	-7,453	0,173	0,267
CHR16	4488468	CHR16:4488468	SSF x LoA	-9,263	-0,045	0,272
CHR16	4488476	CHR16:4488476	SSF x LoA	-7,171	-0,012	0,286
CHR16	4491688	CHR16:4491688	SSF x LoA	-6,976	0,058	0,297
CHR16	4491708	CHR16:4491708	SSF x LoA	-9,694	0,081	0,286
CHR16	4491709	CHR16:4491709	SSF x LoA	-8,995	0,104	0,285
CHR16	4491712	CHR16:4491712	SSF x LoA	-9,887	-0,023	0,278
CHR16	4499996	CHR16:4499996	SSF x LoA	-10,035	0,026	0,299
CHR16	4500009	CHR16:4500009	SSF x LoA	-7,760	0,169	0,278
CHR16	4500012	CHR16:4500012	SSF x LoA	-6,786	0,133	0,292
CHR16	4500017	CHR16:4500017	SSF x LoA	-6,877	-0,120	0,294
CHR16	4500044	CHR16:4500044	SSF x LoA	-8,235	0,046	0,291
CHR16	4500055	CHR16:4500055	SSF x LoA	-8,196	-0,055	0,285
CHR16	4500057	CHR16:4500057	SSF x LoA	-7,833	-0,109	0,298
CHR16	4500064	CHR16:4500064	SSF x LoA	-7,257	-0,048	0,286
CHR16	4500105	CHR16:4500105	SSF x LoA	-4,645	-0,013	0,297
CHR16	4500113	CHR16:4500113	SSF x LoA	-8,045	0,119	0,295
CHR16	4500124	CHR16:4500124	SSF x LoA	-7,175	0,094	0,293
CHR16	4500126	CHR16:4500126	SSF x LoA	-10,270	-0,075	0,282
CHR16	4500229	CHR16:4500229	SSF x LoA	-9,700	-0,065	0,273
CHR16	4500236	CHR16:4500236	SSF x LoA	-5,391	0,195	0,287
CHR16	4500255	CHR16:4500255	SSF x LoA	-5,875	0,218	0,262
CHR16	4503491	CHR16:4503491	SSF x LoA	-11,358	-0,033	0,290
CHR16	4503515	CHR16:4503515	SSF x LoA	-10,753	0,019	0,295
CHR16	4503519	CHR16:4503519	SSF x LoA	-7,703	0,055	0,285
CHR16	4503575	CHR16:4503575	SSF x LoA	-5,517	0,144	0,275
CHR16	4503596	CHR16:4503596	SSF x LoA	-9,350	-0,016	0,287

CHR16	4503621	CHR16:4503621	SSF x LoA	-6,202	0,078	0,293
CHR16	4503727	CHR16:4503727	SSF x LoA	-5,811	0,078	0,290
CHR16	4503735	CHR16:4503735	SSF x LoA	-7,150	0,140	0,279
CHR16	4503741	CHR16:4503741	SSF x LoA	-9,314	-0,170	0,275
CHR16	4505377	CHR16:4505377	SSF x LoA	-9,462	-0,026	0,297
CHR16	4505442	CHR16:4505442	SSF x LoA	-6,617	0,247	0,278
CHR16	4505477	CHR16:4505477	SSF x LoA	-11,136	-0,036	0,290
CHR16	4505497	CHR16:4505497	SSF x LoA	-7,495	-0,054	0,292
CHR16	4513246	CHR16:4513246	SSF x LoA	-7,367	0,069	0,282
CHR16	4532092	CHR16:4532092	SSF x LoA	-11,574	-0,080	0,281
CHR16	4532127	CHR16:4532127	SSF x LoA	-6,965	-0,090	0,305
CHR16	4532168	CHR16:4532168	SSF x LoA	-11,066	-0,026	0,292
CHR16	4533436	CHR16:4533436	SSF x LoA	-6,740	-0,081	0,289
CHR16	4533450	CHR16:4533450	SSF x LoA	-8,949	0,165	0,288
CHR16	4533456	CHR16:4533456	SSF x LoA	-3,356	0,101	0,301
CHR16	4534130	CHR16:4534130	SSF x LoA	-9,364	-0,087	0,288
CHR16	4534133	CHR16:4534133	SSF x LoA	-10,521	0,041	0,298
CHR16	4534136	CHR16:4534136	SSF x LoA	-10,999	-0,042	0,277
CHR16	4534140	CHR16:4534140	SSF x LoA	-8,096	0,036	0,287
CHR16	4534201	CHR16:4534201	SSF x LoA	-8,037	0,008	0,302
CHR16	453556	CHR16:453556	SSF x LoA	-6,686	-0,101	0,301
CHR16	453585	CHR16:453585	SSF x LoA	-6,674	-0,064	0,295
CHR16	453760	CHR16:453760	SSF x LoA	-10,240	0,006	0,282
CHR16	4558200	CHR16:4558200	SSF x LoA	-6,818	0,134	0,282
CHR16	4558202	CHR16:4558202	SSF x LoA	-4,010	0,082	0,293
CHR16	4558245	CHR16:4558245	SSF x LoA	-7,749	0,124	0,299
CHR16	4558316	CHR16:4558316	SSF x LoA	-8,836	0,095	0,299
CHR16	4558360	CHR16:4558360	SSF x LoA	-7,821	0,158	0,288
CHR16	4565105	CHR16:4565105	SSF x LoA	-6,703	-0,148	0,262
CHR16	4570563	CHR16:4570563	SSF x LoA	-4,952	-0,173	0,283
CHR16	4570791	CHR16:4570791	SSF x LoA	-1,584	0,202	0,271
CHR16	4570810	CHR16:4570810	SSF x LoA	-6,360	0,189	0,287
CHR16	4570822	CHR16:4570822	SSF x LoA	-3,470	0,012	0,294
CHR16	4570826	CHR16:4570826	SSF x LoA	-5,380	0,190	0,287
CHR16	4586089	CHR16:4586089	SSF x LoA	-7,405	0,085	0,279
CHR16	4586093	CHR16:4586093	SSF x LoA	-8,208	0,003	0,275
CHR16	4586100	CHR16:4586100	SSF x LoA	-9,641	-0,036	0,273
CHR16	4586104	CHR16:4586104	SSF x LoA	-9,527	-0,016	0,279
CHR16	4586141	CHR16:4586141	SSF x LoA	-8,759	-0,035	0,287
CHR16	4589998	CHR16:4589998	SSF x LoA	-8,303	-0,004	0,291
CHR16	4590128	CHR16:4590128	SSF x LoA	-4,261	0,197	0,287
CHR16	4590462	CHR16:4590462	SSF x LoA	-8,474	-0,131	0,277
CHR16	4590483	CHR16:4590483	SSF x LoA	-9,390	0,037	0,283
CHR16	4590509	CHR16:4590509	SSF x LoA	-8,338	-0,004	0,293
CHR16	4590531	CHR16:4590531	SSF x LoA	-8,621	0,046	0,284
CHR16	4590542	CHR16:4590542	SSF x LoA	-7,257	0,068	0,286
CHR16	4590569	CHR16:4590569	SSF x LoA	-8,172	-0,013	0,289
CHR16	4592330	CHR16:4592330	SSF x LoA	-8,638	-0,064	0,292
CHR16	461127	CHR16:461127	SSF x LoA	-11,335	-0,006	0,285
CHR16	4622949	CHR16:4622949	SSF x LoA	-7,853	-0,195	0,279
CHR16	4622979	CHR16:4622979	SSF x LoA	-9,887	-0,147	0,268
CHR16	4623991	CHR16:4623991	SSF x LoA	-8,224	0,009	0,270
CHR16	4624002	CHR16:4624002	SSF x LoA	-6,674	-0,116	0,293

CHR16	4624055	CHR16:4624055	SSF x LoA	-10,533	0,030	0,290
CHR16	4632858	CHR16:4632858	SSF x LoA	-7,564	-0,071	0,292
CHR16	4632939	CHR16:4632939	SSF x LoA	-9,661	-0,068	0,275
CHR16	4637804	CHR16:4637804	SSF x LoA	-8,363	-0,006	0,292
CHR16	4645027	CHR16:4645027	SSF x LoA	-7,975	0,118	0,292
CHR16	4649772	CHR16:4649772	SSF x LoA	-11,563	0,025	0,288
CHR16	4649851	CHR16:4649851	SSF x LoA	-10,890	-0,010	0,291
CHR16	4649927	CHR16:4649927	SSF x LoA	-8,303	0,059	0,289
CHR16	4651241	CHR16:4651241	SSF x LoA	-6,841	0,010	0,302
CHR16	4652382	CHR16:4652382	SSF x LoA	-9,609	0,006	0,294
CHR16	4674159	CHR16:4674159	SSF x LoA	-8,854	0,040	0,277
CHR16	4698079	CHR16:4698079	SSF x LoA	-5,589	0,055	0,296
CHR16	4721865	CHR16:4721865	SSF x LoA	-8,624	0,105	0,301
CHR16	4745149	CHR16:4745149	SSF x LoA	-7,975	-0,035	0,284
CHR16	4750460	CHR16:4750460	SSF x LoA	-7,912	0,027	0,296
CHR16	4750544	CHR16:4750544	SSF x LoA	-7,507	-0,078	0,300
CHR16	4750595	CHR16:4750595	SSF x LoA	-6,583	-0,055	0,296
CHR16	4750631	CHR16:4750631	SSF x LoA	-9,971	-0,064	0,289
CHR16	4750661	CHR16:4750661	SSF x LoA	-9,550	0,010	0,288
CHR16	4750663	CHR16:4750663	SSF x LoA	-5,791	0,012	0,295
CHR16	4750704	CHR16:4750704	SSF x LoA	-7,446	-0,064	0,303
CHR16	4750777	CHR16:4750777	SSF x LoA	-8,146	0,094	0,286
CHR16	4750888	CHR16:4750888	SSF x LoA	-9,351	-0,144	0,274
CHR16	4756231	CHR16:4756231	SSF x LoA	-7,563	-0,113	0,277
CHR16	4756351	CHR16:4756351	SSF x LoA	-9,700	0,033	0,282
CHR16	4756361	CHR16:4756361	SSF x LoA	-8,759	0,048	0,274
CHR16	4756385	CHR16:4756385	SSF x LoA	-7,953	0,044	0,285
CHR16	4756479	CHR16:4756479	SSF x LoA	-7,631	0,106	0,286
CHR16	4756555	CHR16:4756555	SSF x LoA	-7,041	-0,154	0,267
CHR16	4756599	CHR16:4756599	SSF x LoA	-9,495	-0,024	0,292
CHR16	4764634	CHR16:4764634	SSF x LoA	-11,574	0,007	0,275
CHR16	4764994	CHR16:4764994	SSF x LoA	2,352	-0,168	0,292
CHR16	4765029	CHR16:4765029	SSF x LoA	-7,675	-0,142	0,275
CHR16	4767778	CHR16:4767778	SSF x LoA	-9,894	-0,045	0,292
CHR16	4767795	CHR16:4767795	SSF x LoA	-6,562	-0,113	0,302
CHR16	4767799	CHR16:4767799	SSF x LoA	-7,120	0,011	0,294
CHR16	4767831	CHR16:4767831	SSF x LoA	-8,486	-0,001	0,286
CHR16	4767852	CHR16:4767852	SSF x LoA	-3,165	-0,071	0,292
CHR16	4767880	CHR16:4767880	SSF x LoA	-7,599	-0,072	0,289
CHR16	4767942	CHR16:4767942	SSF x LoA	-8,407	-0,032	0,302
CHR16	4767972	CHR16:4767972	SSF x LoA	-9,782	-0,005	0,294
CHR16	4767973	CHR16:4767973	SSF x LoA	-10,544	-0,010	0,284
CHR16	4767984	CHR16:4767984	SSF x LoA	-9,970	0,114	0,295
CHR16	4767989	CHR16:4767989	SSF x LoA	-10,657	0,024	0,285
CHR16	4768035	CHR16:4768035	SSF x LoA	-7,494	-0,034	0,307
CHR16	4775951	CHR16:4775951	SSF x LoA	0,354	0,249	0,265
CHR16	4776137	CHR16:4776137	SSF x LoA	-10,924	-0,012	0,266
CHR16	4783415	CHR16:4783415	SSF x LoA	-7,288	-0,112	0,274
CHR16	4783609	CHR16:4783609	SSF x LoA	-8,054	0,158	0,254
CHR16	4783628	CHR16:4783628	SSF x LoA	-7,454	0,132	0,284
CHR16	4783630	CHR16:4783630	SSF x LoA	-7,354	0,125	0,287
CHR16	4785174	CHR16:4785174	SSF x LoA	-8,810	0,077	0,300
CHR16	4785270	CHR16:4785270	SSF x LoA	-1,280	0,215	0,277

CHR16	4808211	CHR16:4808211	SSF x LoA	-4,762	-0,143	0,291
CHR16	4808383	CHR16:4808383	SSF x LoA	-8,380	-0,110	0,288
CHR16	4813021	CHR16:4813021	SSF x LoA	-10,228	0,071	0,277
CHR16	4813035	CHR16:4813035	SSF x LoA	-9,946	0,042	0,283
CHR16	4813049	CHR16:4813049	SSF x LoA	-9,712	0,027	0,297
CHR16	4813086	CHR16:4813086	SSF x LoA	-8,322	0,039	0,278
CHR16	4813107	CHR16:4813107	SSF x LoA	-10,285	0,053	0,279
CHR16	4816575	CHR16:4816575	SSF x LoA	-4,700	-0,197	0,283
CHR16	4816658	CHR16:4816658	SSF x LoA	-10,384	-0,019	0,282
CHR16	4816682	CHR16:4816682	SSF x LoA	-10,508	0,001	0,300
CHR16	4816702	CHR16:4816702	SSF x LoA	-10,951	0,034	0,283
CHR16	4820306	CHR16:4820306	SSF x LoA	-7,162	-0,130	0,273
CHR16	4833381	CHR16:4833381	SSF x LoA	-3,875	0,194	0,290
CHR16	4833424	CHR16:4833424	SSF x LoA	-3,638	0,192	0,272
CHR16	4833443	CHR16:4833443	SSF x LoA	-7,149	0,114	0,287
CHR16	4833578	CHR16:4833578	SSF x LoA	-9,497	0,044	0,305
CHR16	4842591	CHR16:4842591	SSF x LoA	-10,900	-0,021	0,288
CHR16	4842597	CHR16:4842597	SSF x LoA	-10,308	-0,024	0,293
CHR16	4842601	CHR16:4842601	SSF x LoA	-11,095	-0,004	0,290
CHR16	4842638	CHR16:4842638	SSF x LoA	-8,514	0,154	0,265
CHR16	4842888	CHR16:4842888	SSF x LoA	-9,760	0,009	0,295
CHR16	4852274	CHR16:4852274	SSF x LoA	-7,899	0,093	0,281
CHR16	4852322	CHR16:4852322	SSF x LoA	-6,536	0,055	0,292
CHR16	4852424	CHR16:4852424	SSF x LoA	-8,072	0,092	0,274
CHR16	4852438	CHR16:4852438	SSF x LoA	-8,738	-0,009	0,276
CHR16	4852456	CHR16:4852456	SSF x LoA	-6,567	-0,098	0,282
CHR16	4852459	CHR16:4852459	SSF x LoA	-4,766	-0,147	0,291
CHR16	4857420	CHR16:4857420	SSF x LoA	-9,835	0,078	0,300
CHR16	4857432	CHR16:4857432	SSF x LoA	-7,926	-0,072	0,267
CHR16	4857463	CHR16:4857463	SSF x LoA	-8,562	-0,041	0,281
CHR16	4857491	CHR16:4857491	SSF x LoA	-9,322	-0,112	0,277
CHR16	4857595	CHR16:4857595	SSF x LoA	-10,079	-0,070	0,277
CHR16	4857606	CHR16:4857606	SSF x LoA	-10,096	-0,027	0,280
CHR16	4857609	CHR16:4857609	SSF x LoA	-8,476	-0,053	0,298
CHR16	4864060	CHR16:4864060	SSF x LoA	-11,052	-0,026	0,296
CHR16	4867486	CHR16:4867486	SSF x LoA	-9,979	-0,018	0,284
CHR16	4867495	CHR16:4867495	SSF x LoA	-11,110	-0,004	0,282
CHR16	4867506	CHR16:4867506	SSF x LoA	-2,323	-0,168	0,270
CHR16	4869331	CHR16:4869331	SSF x LoA	-8,889	-0,123	0,280
CHR16	4869337	CHR16:4869337	SSF x LoA	-7,604	-0,194	0,285
CHR16	4871774	CHR16:4871774	SSF x LoA	-5,663	0,127	0,284
CHR16	4892994	CHR16:4892994	SSF x LoA	-9,786	-0,065	0,268
CHR16	4893101	CHR16:4893101	SSF x LoA	-11,708	0,056	0,278
CHR16	4911924	CHR16:4911924	SSF x LoA	-8,676	0,008	0,304
CHR16	491737	CHR16:491737	SSF x LoA	-9,009	-0,029	0,288
CHR16	491751	CHR16:491751	SSF x LoA	-7,652	-0,010	0,304
CHR16	491753	CHR16:491753	SSF x LoA	-8,814	0,039	0,280
CHR16	491768	CHR16:491768	SSF x LoA	-9,956	-0,037	0,289
CHR16	4923188	CHR16:4923188	SSF x LoA	-10,334	-0,008	0,288
CHR16	4929329	CHR16:4929329	SSF x LoA	-9,136	0,033	0,307
CHR16	4930255	CHR16:4930255	SSF x LoA	-10,620	0,042	0,295
CHR16	4933517	CHR16:4933517	SSF x LoA	-9,309	0,022	0,281
CHR16	493674	CHR16:493674	SSF x LoA	-9,838	-0,094	0,281

CHR16	4950382	CHR16:4950382	SSF x LoA	-10,182	-0,088	0,292
CHR16	4950444	CHR16:4950444	SSF x LoA	-5,232	0,171	0,284
CHR16	4955105	CHR16:4955105	SSF x LoA	-9,402	0,015	0,291
CHR16	4955142	CHR16:4955142	SSF x LoA	-9,061	-0,131	0,289
CHR16	4955146	CHR16:4955146	SSF x LoA	-9,298	-0,086	0,302
CHR16	4957145	CHR16:4957145	SSF x LoA	-11,271	0,050	0,291
CHR16	4969291	CHR16:4969291	SSF x LoA	-7,450	-0,016	0,301
CHR16	497767	CHR16:497767	SSF x LoA	-9,973	0,039	0,272
CHR16	497781	CHR16:497781	SSF x LoA	-10,004	0,041	0,292
CHR16	4987701	CHR16:4987701	SSF x LoA	-10,065	-0,017	0,301
CHR16	5051998	CHR16:5051998	SSF x LoA	-10,183	0,051	0,283
CHR16	5058908	CHR16:5058908	SSF x LoA	-7,389	-0,063	0,288
CHR16	5077800	CHR16:5077800	SSF x LoA	-7,084	-0,005	0,292
CHR16	5098754	CHR16:5098754	SSF x LoA	-9,092	0,033	0,294
CHR16	5118058	CHR16:5118058	SSF x LoA	-7,729	-0,048	0,294
CHR16	5128874	CHR16:5128874	SSF x LoA	-10,510	-0,007	0,269
CHR16	5128948	CHR16:5128948	SSF x LoA	-4,631	0,021	0,287
CHR16	5129028	CHR16:5129028	SSF x LoA	-10,363	-0,003	0,277
CHR16	5129037	CHR16:5129037	SSF x LoA	-3,754	-0,208	0,288
CHR16	5129072	CHR16:5129072	SSF x LoA	-9,374	0,034	0,278
CHR16	5129075	CHR16:5129075	SSF x LoA	6,111	-0,151	0,294
CHR16	5141593	CHR16:5141593	SSF x LoA	-10,587	-0,091	0,289
CHR16	5141626	CHR16:5141626	SSF x LoA	-9,169	0,197	0,277
CHR16	5141716	CHR16:5141716	SSF x LoA	-10,302	-0,011	0,283
CHR16	5152727	CHR16:5152727	SSF x LoA	-8,754	-0,041	0,292
CHR16	5166681	CHR16:5166681	SSF x LoA	-9,296	0,066	0,289
CHR16	5166781	CHR16:5166781	SSF x LoA	-9,967	-0,077	0,290
CHR16	5166858	CHR16:5166858	SSF x LoA	-7,230	0,076	0,288
CHR16	5178669	CHR16:5178669	SSF x LoA	-8,550	0,013	0,287
CHR16	5178695	CHR16:5178695	SSF x LoA	-7,839	-0,138	0,296
CHR16	5183077	CHR16:5183077	SSF x LoA	-5,840	0,050	0,275
CHR16	5183379	CHR16:5183379	SSF x LoA	-8,698	-0,048	0,307
CHR16	5185581	CHR16:5185581	SSF x LoA	-5,973	-0,135	0,293
CHR16	5185584	CHR16:5185584	SSF x LoA	-10,618	0,034	0,285
CHR16	5190409	CHR16:5190409	SSF x LoA	-9,554	-0,014	0,284
CHR16	5190559	CHR16:5190559	SSF x LoA	-0,331	-0,052	0,284
CHR16	5190681	CHR16:5190681	SSF x LoA	-1,694	-0,200	0,274
CHR16	5197027	CHR16:5197027	SSF x LoA	-8,504	0,108	0,285
CHR16	5197042	CHR16:5197042	SSF x LoA	-9,338	0,004	0,290
CHR16	5197062	CHR16:5197062	SSF x LoA	-4,773	-0,200	0,294
CHR16	5197075	CHR16:5197075	SSF x LoA	-6,191	-0,041	0,307
CHR16	5197087	CHR16:5197087	SSF x LoA	-3,069	-0,160	0,286
CHR16	5197112	CHR16:5197112	SSF x LoA	-4,713	0,239	0,286
CHR16	5197132	CHR16:5197132	SSF x LoA	-8,999	-0,033	0,279
CHR16	5197135	CHR16:5197135	SSF x LoA	-9,923	0,032	0,283
CHR16	5197170	CHR16:5197170	SSF x LoA	-7,836	0,049	0,283
CHR16	5209954	CHR16:5209954	SSF x LoA	-10,731	0,050	0,290
CHR16	521835	CHR16:521835	SSF x LoA	-8,258	0,204	0,290
CHR16	521904	CHR16:521904	SSF x LoA	-4,160	-0,175	0,286
CHR16	5220764	CHR16:5220764	SSF x LoA	-6,756	-0,156	0,273
CHR16	5221527	CHR16:5221527	SSF x LoA	-9,546	0,012	0,301
CHR16	5221555	CHR16:5221555	SSF x LoA	-9,497	0,045	0,294
CHR16	5221611	CHR16:5221611	SSF x LoA	-8,033	0,052	0,284

CHR16	5221625	CHR16:5221625	SSF x LoA	-7,112	-0,174	0,282
CHR16	5221677	CHR16:5221677	SSF x LoA	-6,050	-0,078	0,305
CHR16	5221690	CHR16:5221690	SSF x LoA	-10,270	-0,034	0,285
CHR16	5221726	CHR16:5221726	SSF x LoA	-9,081	0,055	0,289
CHR16	5225180	CHR16:5225180	SSF x LoA	-7,055	0,033	0,303
CHR16	5225187	CHR16:5225187	SSF x LoA	-8,188	0,012	0,305
CHR16	5225293	CHR16:5225293	SSF x LoA	-6,611	-0,210	0,267
CHR16	5225541	CHR16:5225541	SSF x LoA	-10,797	0,092	0,285
CHR16	5230570	CHR16:5230570	SSF x LoA	-9,986	-0,079	0,287
CHR16	5230617	CHR16:5230617	SSF x LoA	-7,464	-0,108	0,294
CHR16	5235654	CHR16:5235654	SSF x LoA	-9,252	0,102	0,292
CHR16	5235702	CHR16:5235702	SSF x LoA	-11,351	0,000	0,285
CHR16	5235884	CHR16:5235884	SSF x LoA	-9,250	-0,071	0,282
CHR16	5235893	CHR16:5235893	SSF x LoA	-8,085	0,076	0,295
CHR16	5235909	CHR16:5235909	SSF x LoA	-5,934	0,126	0,296
CHR16	5246898	CHR16:5246898	SSF x LoA	-2,803	-0,165	0,271
CHR16	5246911	CHR16:5246911	SSF x LoA	-8,250	-0,119	0,269
CHR16	5246919	CHR16:5246919	SSF x LoA	-8,606	-0,084	0,288
CHR16	5247064	CHR16:5247064	SSF x LoA	-7,937	-0,134	0,275
CHR16	5256668	CHR16:5256668	SSF x LoA	-9,865	-0,078	0,275
CHR16	5256692	CHR16:5256692	SSF x LoA	-10,072	-0,008	0,298
CHR16	5256701	CHR16:5256701	SSF x LoA	-7,457	-0,118	0,277
CHR16	5256743	CHR16:5256743	SSF x LoA	-6,636	-0,105	0,286
CHR16	5257757	CHR16:5257757	SSF x LoA	-6,502	0,077	0,296
CHR16	5257779	CHR16:5257779	SSF x LoA	-6,733	-0,068	0,303
CHR16	5257797	CHR16:5257797	SSF x LoA	-8,802	-0,007	0,297
CHR16	5257823	CHR16:5257823	SSF x LoA	-6,966	0,040	0,284
CHR16	5257939	CHR16:5257939	SSF x LoA	-7,326	0,103	0,279
CHR16	5257999	CHR16:5257999	SSF x LoA	-7,856	0,088	0,292
CHR16	5258008	CHR16:5258008	SSF x LoA	-7,005	0,014	0,297
CHR16	527145	CHR16:527145	SSF x LoA	-8,480	-0,092	0,290
CHR16	527251	CHR16:527251	SSF x LoA	-7,980	0,098	0,279
CHR16	527296	CHR16:527296	SSF x LoA	-10,366	0,048	0,281
CHR16	527316	CHR16:527316	SSF x LoA	-9,833	0,103	0,288
CHR16	527476	CHR16:527476	SSF x LoA	-10,063	0,043	0,279
CHR16	527540	CHR16:527540	SSF x LoA	-6,814	0,077	0,294
CHR16	5288839	CHR16:5288839	SSF x LoA	-9,337	0,116	0,290
CHR16	5288859	CHR16:5288859	SSF x LoA	-8,127	-0,004	0,305
CHR16	5288933	CHR16:5288933	SSF x LoA	-9,330	-0,077	0,290
CHR16	5294128	CHR16:5294128	SSF x LoA	-10,516	0,008	0,289
CHR16	5299520	CHR16:5299520	SSF x LoA	-8,268	-0,132	0,279
CHR16	5299538	CHR16:5299538	SSF x LoA	-2,418	-0,205	0,268
CHR16	5299539	CHR16:5299539	SSF x LoA	-6,812	-0,191	0,262
CHR16	5299581	CHR16:5299581	SSF x LoA	-10,584	0,069	0,290
CHR16	5299590	CHR16:5299590	SSF x LoA	-9,650	0,075	0,291
CHR16	5299593	CHR16:5299593	SSF x LoA	-7,280	-0,056	0,284
CHR16	5299594	CHR16:5299594	SSF x LoA	-8,057	0,074	0,282
CHR16	5299595	CHR16:5299595	SSF x LoA	-8,645	-0,073	0,278
CHR16	5299596	CHR16:5299596	SSF x LoA	-7,333	0,079	0,291
CHR16	5299600	CHR16:5299600	SSF x LoA	-8,628	-0,103	0,272
CHR16	5299619	CHR16:5299619	SSF x LoA	-8,371	0,068	0,296
CHR16	530337	CHR16:530337	SSF x LoA	-7,655	0,013	0,294
CHR16	5303559	CHR16:5303559	SSF x LoA	-7,837	0,052	0,283

CHR16	5303649	CHR16:5303649	SSF x LoA	-9,178	-0,034	0,294
CHR16	5303653	CHR16:5303653	SSF x LoA	-10,564	0,035	0,282
CHR16	5303714	CHR16:5303714	SSF x LoA	-8,251	0,020	0,290
CHR16	5303731	CHR16:5303731	SSF x LoA	-7,314	0,028	0,290
CHR16	5303758	CHR16:5303758	SSF x LoA	-8,981	0,044	0,289
CHR16	5303763	CHR16:5303763	SSF x LoA	-10,248	0,031	0,276
CHR16	5303769	CHR16:5303769	SSF x LoA	-7,576	0,073	0,294
CHR16	5303850	CHR16:5303850	SSF x LoA	-2,911	0,031	0,295
CHR16	530432	CHR16:530432	SSF x LoA	-10,723	0,018	0,286
CHR16	5309700	CHR16:5309700	SSF x LoA	-5,093	0,112	0,285
CHR16	5309788	CHR16:5309788	SSF x LoA	-9,169	-0,040	0,291
CHR16	5309805	CHR16:5309805	SSF x LoA	-10,455	0,047	0,279
CHR16	5309829	CHR16:5309829	SSF x LoA	-8,190	0,000	0,290
CHR16	5309856	CHR16:5309856	SSF x LoA	-6,331	-0,002	0,292
CHR16	5309924	CHR16:5309924	SSF x LoA	-8,018	-0,007	0,298
CHR16	5309958	CHR16:5309958	SSF x LoA	-8,205	0,043	0,297
CHR16	5317408	CHR16:5317408	SSF x LoA	-2,809	-0,010	0,291
CHR16	5322607	CHR16:5322607	SSF x LoA	-8,282	-0,005	0,300
CHR16	5322610	CHR16:5322610	SSF x LoA	-8,451	0,001	0,295
CHR16	5322621	CHR16:5322621	SSF x LoA	-7,258	-0,050	0,290
CHR16	5322624	CHR16:5322624	SSF x LoA	-6,233	0,176	0,271
CHR16	533148	CHR16:533148	SSF x LoA	-8,395	-0,002	0,295
CHR16	5333241	CHR16:5333241	SSF x LoA	0,124	0,204	0,265
CHR16	5346963	CHR16:5346963	SSF x LoA	-8,229	0,099	0,295
CHR16	5347117	CHR16:5347117	SSF x LoA	-9,542	0,054	0,297
CHR16	5347150	CHR16:5347150	SSF x LoA	-11,212	-0,031	0,291
CHR16	5347199	CHR16:5347199	SSF x LoA	-8,228	0,097	0,290
CHR16	5347212	CHR16:5347212	SSF x LoA	-10,235	-0,035	0,308
CHR16	5351918	CHR16:5351918	SSF x LoA	-9,532	-0,086	0,288
CHR16	5360862	CHR16:5360862	SSF x LoA	-6,054	0,182	0,279
CHR16	5360913	CHR16:5360913	SSF x LoA	-5,668	0,203	0,282
CHR16	5360919	CHR16:5360919	SSF x LoA	-6,267	-0,172	0,285
CHR16	5360932	CHR16:5360932	SSF x LoA	-7,556	0,071	0,307
CHR16	5360963	CHR16:5360963	SSF x LoA	-5,632	0,218	0,278
CHR16	5360967	CHR16:5360967	SSF x LoA	-0,277	-0,175	0,285
CHR16	5361019	CHR16:5361019	SSF x LoA	-6,774	-0,154	0,298
CHR16	5361022	CHR16:5361022	SSF x LoA	-7,759	0,094	0,281
CHR16	5361072	CHR16:5361072	SSF x LoA	-6,488	-0,161	0,285
CHR16	5361075	CHR16:5361075	SSF x LoA	-6,168	-0,175	0,292
CHR16	5368244	CHR16:5368244	SSF x LoA	-8,119	-0,119	0,298
CHR16	5370350	CHR16:5370350	SSF x LoA	-6,183	-0,128	0,289
CHR16	5381313	CHR16:5381313	SSF x LoA	-8,401	-0,094	0,300
CHR16	5388611	CHR16:5388611	SSF x LoA	-10,585	0,027	0,285
CHR16	5394306	CHR16:5394306	SSF x LoA	-6,396	-0,143	0,285
CHR16	5394315	CHR16:5394315	SSF x LoA	-7,966	-0,126	0,285
CHR16	5402800	CHR16:5402800	SSF x LoA	-6,293	-0,101	0,304
CHR16	5404613	CHR16:5404613	SSF x LoA	-9,507	0,034	0,287
CHR16	540789	CHR16:540789	SSF x LoA	-11,138	0,038	0,299
CHR16	540866	CHR16:540866	SSF x LoA	-6,473	-0,018	0,289
CHR16	540871	CHR16:540871	SSF x LoA	-8,158	0,010	0,296
CHR16	540874	CHR16:540874	SSF x LoA	-7,742	-0,024	0,287
CHR16	5423379	CHR16:5423379	SSF x LoA	-10,564	0,079	0,308
CHR16	5427055	CHR16:5427055	SSF x LoA	-6,845	-0,009	0,300

CHR16	5427127	CHR16:5427127	SSF x LoA	-8,664	-0,029	0,292
CHR16	5439978	CHR16:5439978	SSF x LoA	-8,936	0,026	0,294
CHR16	5440032	CHR16:5440032	SSF x LoA	-11,084	-0,104	0,274
CHR16	5464323	CHR16:5464323	SSF x LoA	-8,393	0,066	0,294
CHR16	5471596	CHR16:5471596	SSF x LoA	-11,474	-0,028	0,288
CHR16	5472539	CHR16:5472539	SSF x LoA	-10,947	-0,118	0,286
CHR16	5472578	CHR16:5472578	SSF x LoA	-8,737	-0,033	0,293
CHR16	5472631	CHR16:5472631	SSF x LoA	-8,723	-0,035	0,297
CHR16	5479708	CHR16:5479708	SSF x LoA	-6,330	-0,033	0,286
CHR16	549235	CHR16:549235	SSF x LoA	-10,482	0,025	0,288
CHR16	549245	CHR16:549245	SSF x LoA	-7,423	-0,114	0,285
CHR16	5517610	CHR16:5517610	SSF x LoA	-6,034	-0,199	0,263
CHR16	5522744	CHR16:5522744	SSF x LoA	-8,661	0,075	0,299
CHR16	5527277	CHR16:5527277	SSF x LoA	-9,211	0,054	0,294
CHR16	553081	CHR16:553081	SSF x LoA	-4,497	0,194	0,269
CHR16	553086	CHR16:553086	SSF x LoA	-8,480	-0,132	0,278
CHR16	553090	CHR16:553090	SSF x LoA	-9,914	0,099	0,293
CHR16	553129	CHR16:553129	SSF x LoA	-5,745	-0,196	0,294
CHR16	553147	CHR16:553147	SSF x LoA	-11,030	-0,010	0,265
CHR16	553243	CHR16:553243	SSF x LoA	-6,260	-0,145	0,287
CHR16	5563570	CHR16:5563570	SSF x LoA	-11,070	-0,023	0,291
CHR16	560354	CHR16:560354	SSF x LoA	-9,795	0,042	0,291
CHR16	560421	CHR16:560421	SSF x LoA	-10,369	0,033	0,284
CHR16	560465	CHR16:560465	SSF x LoA	-11,144	0,090	0,264
CHR16	560671	CHR16:560671	SSF x LoA	-10,734	0,038	0,287
CHR16	560812	CHR16:560812	SSF x LoA	-11,467	0,047	0,286
CHR16	5630885	CHR16:5630885	SSF x LoA	-10,208	0,098	0,294
CHR16	5630891	CHR16:5630891	SSF x LoA	-3,290	0,073	0,282
CHR16	5642222	CHR16:5642222	SSF x LoA	-10,683	-0,086	0,293
CHR16	5642333	CHR16:5642333	SSF x LoA	-9,229	-0,002	0,296
CHR16	5644457	CHR16:5644457	SSF x LoA	-6,892	0,179	0,267
CHR16	5644495	CHR16:5644495	SSF x LoA	-10,271	-0,029	0,287
CHR16	566400	CHR16:566400	SSF x LoA	-10,558	0,096	0,289
CHR16	566434	CHR16:566434	SSF x LoA	-9,237	-0,109	0,292
CHR16	5665589	CHR16:5665589	SSF x LoA	-6,173	0,144	0,259
CHR16	5665599	CHR16:5665599	SSF x LoA	-10,501	-0,052	0,291
CHR16	5665852	CHR16:5665852	SSF x LoA	-8,218	0,013	0,290
CHR16	5665854	CHR16:5665854	SSF x LoA	-10,085	0,002	0,268
CHR16	5671014	CHR16:5671014	SSF x LoA	-1,894	0,153	0,279
CHR16	5671032	CHR16:5671032	SSF x LoA	-9,928	-0,069	0,285
CHR16	5671074	CHR16:5671074	SSF x LoA	-7,184	0,001	0,299
CHR16	5673196	CHR16:5673196	SSF x LoA	-9,153	-0,006	0,291
CHR16	5673266	CHR16:5673266	SSF x LoA	-5,084	0,196	0,277
CHR16	5673285	CHR16:5673285	SSF x LoA	-11,422	-0,058	0,278
CHR16	5673299	CHR16:5673299	SSF x LoA	-6,887	0,112	0,280
CHR16	5673386	CHR16:5673386	SSF x LoA	-7,942	-0,012	0,281
CHR16	5673445	CHR16:5673445	SSF x LoA	-6,680	-0,175	0,287
CHR16	5673516	CHR16:5673516	SSF x LoA	-8,441	-0,020	0,290
CHR16	5680383	CHR16:5680383	SSF x LoA	-7,522	0,141	0,296
CHR16	5716042	CHR16:5716042	SSF x LoA	-9,800	-0,038	0,292
CHR16	5716043	CHR16:5716043	SSF x LoA	-9,989	-0,025	0,285
CHR16	5716050	CHR16:5716050	SSF x LoA	-8,214	0,113	0,291
CHR16	5721333	CHR16:5721333	SSF x LoA	-9,792	-0,137	0,282

CHR16	5721340	CHR16:5721340	SSF x LoA	-6,825	-0,148	0,278
CHR16	5733295	CHR16:5733295	SSF x LoA	-11,091	-0,021	0,283
CHR16	5733649	CHR16:5733649	SSF x LoA	-10,901	-0,001	0,279
CHR16	5734336	CHR16:5734336	SSF x LoA	-9,349	0,065	0,301
CHR16	5734379	CHR16:5734379	SSF x LoA	-8,411	0,061	0,305
CHR16	5740333	CHR16:5740333	SSF x LoA	-7,200	0,054	0,293
CHR16	5740341	CHR16:5740341	SSF x LoA	-3,755	0,018	0,296
CHR16	5740394	CHR16:5740394	SSF x LoA	-5,790	-0,168	0,278
CHR16	5740400	CHR16:5740400	SSF x LoA	-4,804	-0,107	0,285
CHR16	5740434	CHR16:5740434	SSF x LoA	-8,175	0,103	0,283
CHR16	5750202	CHR16:5750202	SSF x LoA	-6,102	-0,213	0,277
CHR16	5750252	CHR16:5750252	SSF x LoA	-7,753	0,041	0,290
CHR16	5750254	CHR16:5750254	SSF x LoA	-5,678	-0,153	0,284
CHR16	5750278	CHR16:5750278	SSF x LoA	-5,353	-0,147	0,290
CHR16	5750300	CHR16:5750300	SSF x LoA	-6,671	0,127	0,267
CHR16	5750312	CHR16:5750312	SSF x LoA	-6,715	-0,117	0,300
CHR16	5752681	CHR16:5752681	SSF x LoA	-7,354	-0,017	0,292
CHR16	5752702	CHR16:5752702	SSF x LoA	-10,546	0,038	0,292
CHR16	5755993	CHR16:5755993	SSF x LoA	-6,633	0,015	0,301
CHR16	5756137	CHR16:5756137	SSF x LoA	-9,397	0,080	0,274
CHR16	5756139	CHR16:5756139	SSF x LoA	-9,109	0,057	0,299
CHR16	5756140	CHR16:5756140	SSF x LoA	-10,152	0,000	0,298
CHR16	5756141	CHR16:5756141	SSF x LoA	-8,619	0,064	0,292
CHR16	5756250	CHR16:5756250	SSF x LoA	-8,568	-0,060	0,282
CHR16	5760394	CHR16:5760394	SSF x LoA	-8,895	0,198	0,287
CHR16	5760494	CHR16:5760494	SSF x LoA	-8,332	-0,010	0,293
CHR16	5774110	CHR16:5774110	SSF x LoA	-8,296	0,081	0,294
CHR16	5774190	CHR16:5774190	SSF x LoA	-8,591	0,045	0,287
CHR16	5778575	CHR16:5778575	SSF x LoA	-3,116	0,210	0,290
CHR16	5779475	CHR16:5779475	SSF x LoA	-8,324	0,035	0,298
CHR16	5779595	CHR16:5779595	SSF x LoA	-7,972	0,095	0,288
CHR16	5780254	CHR16:5780254	SSF x LoA	-8,537	-0,047	0,299
CHR16	5780263	CHR16:5780263	SSF x LoA	-8,289	-0,106	0,296
CHR16	5780264	CHR16:5780264	SSF x LoA	-7,807	-0,079	0,303
CHR16	5780276	CHR16:5780276	SSF x LoA	-9,911	-0,075	0,299
CHR16	5786390	CHR16:5786390	SSF x LoA	-9,868	-0,042	0,290
CHR16	5819596	CHR16:5819596	SSF x LoA	-8,205	-0,088	0,286
CHR16	5819677	CHR16:5819677	SSF x LoA	-9,062	0,114	0,290
CHR16	5821393	CHR16:5821393	SSF x LoA	-9,251	-0,001	0,286
CHR16	5821492	CHR16:5821492	SSF x LoA	-10,314	-0,020	0,281
CHR16	5821558	CHR16:5821558	SSF x LoA	-9,039	0,017	0,295
CHR16	5821582	CHR16:5821582	SSF x LoA	-9,472	-0,067	0,284
CHR16	5823398	CHR16:5823398	SSF x LoA	-8,334	-0,043	0,293
CHR16	5828068	CHR16:5828068	SSF x LoA	-9,969	0,054	0,287
CHR16	5828097	CHR16:5828097	SSF x LoA	-9,534	-0,089	0,293
CHR16	5828286	CHR16:5828286	SSF x LoA	-10,070	-0,013	0,293
CHR16	5828299	CHR16:5828299	SSF x LoA	-8,590	0,012	0,287
CHR16	5828304	CHR16:5828304	SSF x LoA	-8,255	-0,081	0,282
CHR16	5828343	CHR16:5828343	SSF x LoA	-8,339	-0,100	0,281
CHR16	5828344	CHR16:5828344	SSF x LoA	-9,927	-0,077	0,276
CHR16	5828372	CHR16:5828372	SSF x LoA	-9,246	-0,007	0,298
CHR16	5830888	CHR16:5830888	SSF x LoA	-9,806	-0,020	0,295
CHR16	5830947	CHR16:5830947	SSF x LoA	-9,671	-0,167	0,278

CHR16	5830992	CHR16:5830992	SSF x LoA	-5,696	-0,144	0,302
CHR16	5835485	CHR16:5835485	SSF x LoA	-8,458	0,099	0,301
CHR16	5835517	CHR16:5835517	SSF x LoA	-8,342	-0,044	0,296
CHR16	5835607	CHR16:5835607	SSF x LoA	-9,834	-0,004	0,288
CHR16	5835750	CHR16:5835750	SSF x LoA	-10,666	-0,024	0,295
CHR16	5842003	CHR16:5842003	SSF x LoA	-9,345	0,076	0,294
CHR16	5842011	CHR16:5842011	SSF x LoA	-10,474	-0,027	0,284
CHR16	5842088	CHR16:5842088	SSF x LoA	-8,893	0,042	0,279
CHR16	5846526	CHR16:5846526	SSF x LoA	-8,468	0,089	0,282
CHR16	5846598	CHR16:5846598	SSF x LoA	-8,799	-0,079	0,289
CHR16	5846832	CHR16:5846832	SSF x LoA	-8,049	-0,162	0,267
CHR16	5858858	CHR16:5858858	SSF x LoA	-11,036	0,064	0,285
CHR16	5858876	CHR16:5858876	SSF x LoA	-7,283	0,158	0,278
CHR16	5858913	CHR16:5858913	SSF x LoA	-7,907	-0,066	0,273
CHR16	5858925	CHR16:5858925	SSF x LoA	-11,184	0,092	0,281
CHR16	5858930	CHR16:5858930	SSF x LoA	-5,796	0,074	0,295
CHR16	5858948	CHR16:5858948	SSF x LoA	-9,137	-0,048	0,272
CHR16	5858951	CHR16:5858951	SSF x LoA	-9,284	-0,032	0,283
CHR16	5858954	CHR16:5858954	SSF x LoA	-8,132	-0,072	0,288
CHR16	5859127	CHR16:5859127	SSF x LoA	-5,795	0,169	0,270
CHR16	5859228	CHR16:5859228	SSF x LoA	-2,151	-0,189	0,277
CHR16	5859271	CHR16:5859271	SSF x LoA	-6,908	0,102	0,287
CHR16	5859282	CHR16:5859282	SSF x LoA	0,771	-0,038	0,286
CHR16	5859288	CHR16:5859288	SSF x LoA	-7,643	0,191	0,287
CHR16	5876706	CHR16:5876706	SSF x LoA	-8,068	-0,066	0,296
CHR16	5876837	CHR16:5876837	SSF x LoA	-2,607	0,049	0,289
CHR16	5878587	CHR16:5878587	SSF x LoA	-7,649	-0,022	0,301
CHR16	5884780	CHR16:5884780	SSF x LoA	-10,392	-0,094	0,297
CHR16	588909	CHR16:588909	SSF x LoA	-9,420	-0,068	0,260
CHR16	589010	CHR16:589010	SSF x LoA	-7,717	0,113	0,304
CHR16	5891024	CHR16:5891024	SSF x LoA	-9,010	-0,132	0,287
CHR16	5891076	CHR16:5891076	SSF x LoA	-8,545	-0,007	0,290
CHR16	5891109	CHR16:5891109	SSF x LoA	-8,391	0,052	0,290
CHR16	5891112	CHR16:5891112	SSF x LoA	-7,780	-0,071	0,278
CHR16	5891120	CHR16:5891120	SSF x LoA	-10,521	-0,058	0,282
CHR16	5891126	CHR16:5891126	SSF x LoA	-7,000	0,115	0,296
CHR16	5891136	CHR16:5891136	SSF x LoA	-8,250	0,139	0,278
CHR16	5891210	CHR16:5891210	SSF x LoA	-9,575	0,097	0,271
CHR16	5891251	CHR16:5891251	SSF x LoA	-10,945	-0,040	0,295
CHR16	5891342	CHR16:5891342	SSF x LoA	-3,947	0,153	0,264
CHR16	5900790	CHR16:5900790	SSF x LoA	-7,773	0,083	0,296
CHR16	5900805	CHR16:5900805	SSF x LoA	-8,035	-0,071	0,280
CHR16	5900858	CHR16:5900858	SSF x LoA	-9,266	0,065	0,291
CHR16	5901057	CHR16:5901057	SSF x LoA	-7,603	-0,005	0,283
CHR16	5910954	CHR16:5910954	SSF x LoA	-4,310	0,155	0,268
CHR16	5910969	CHR16:5910969	SSF x LoA	-5,632	0,139	0,278
CHR16	5911015	CHR16:5911015	SSF x LoA	-10,429	-0,049	0,280
CHR16	5914912	CHR16:5914912	SSF x LoA	-9,358	0,060	0,285
CHR16	5914955	CHR16:5914955	SSF x LoA	-9,771	0,078	0,281
CHR16	5915036	CHR16:5915036	SSF x LoA	-6,869	-0,131	0,282
CHR16	5923226	CHR16:5923226	SSF x LoA	-6,740	-0,143	0,287
CHR16	5923299	CHR16:5923299	SSF x LoA	-4,333	0,192	0,292
CHR16	5924459	CHR16:5924459	SSF x LoA	-8,012	-0,028	0,281

CHR16	5934108	CHR16:5934108	SSF x LoA	-8,104	-0,089	0,293
CHR16	5934113	CHR16:5934113	SSF x LoA	-9,179	-0,065	0,293
CHR16	5934133	CHR16:5934133	SSF x LoA	-10,907	0,065	0,287
CHR16	5936555	CHR16:5936555	SSF x LoA	-7,494	-0,079	0,279
CHR16	5936604	CHR16:5936604	SSF x LoA	-8,343	0,005	0,301
CHR16	5936634	CHR16:5936634	SSF x LoA	-8,459	-0,114	0,284
CHR16	5936647	CHR16:5936647	SSF x LoA	-9,360	-0,031	0,292
CHR16	5936682	CHR16:5936682	SSF x LoA	-7,073	-0,050	0,285
CHR16	5936730	CHR16:5936730	SSF x LoA	-2,793	0,121	0,284
CHR16	5936800	CHR16:5936800	SSF x LoA	-9,070	-0,081	0,285
CHR16	5936815	CHR16:5936815	SSF x LoA	-8,657	0,039	0,279
CHR16	5938995	CHR16:5938995	SSF x LoA	-11,023	0,053	0,286
CHR16	5939138	CHR16:5939138	SSF x LoA	-9,497	-0,098	0,279
CHR16	5939150	CHR16:5939150	SSF x LoA	-6,175	0,170	0,286
CHR16	5939190	CHR16:5939190	SSF x LoA	-10,352	0,049	0,269
CHR16	5939191	CHR16:5939191	SSF x LoA	-8,924	-0,135	0,283
CHR16	5939199	CHR16:5939199	SSF x LoA	-5,089	0,138	0,282
CHR16	5939212	CHR16:5939212	SSF x LoA	-7,564	-0,051	0,283
CHR16	5939237	CHR16:5939237	SSF x LoA	-7,433	0,074	0,291
CHR16	5946363	CHR16:5946363	SSF x LoA	-7,390	-0,089	0,279
CHR16	5946377	CHR16:5946377	SSF x LoA	-7,990	-0,120	0,301
CHR16	5959974	CHR16:5959974	SSF x LoA	-2,214	0,132	0,271
CHR16	5959994	CHR16:5959994	SSF x LoA	-7,625	0,115	0,285
CHR16	5966765	CHR16:5966765	SSF x LoA	-9,254	-0,074	0,283
CHR16	5966774	CHR16:5966774	SSF x LoA	-9,363	-0,001	0,293
CHR16	5966775	CHR16:5966775	SSF x LoA	-10,250	0,014	0,275
CHR16	5966799	CHR16:5966799	SSF x LoA	-3,502	0,078	0,287
CHR16	5966801	CHR16:5966801	SSF x LoA	-9,206	0,008	0,304
CHR16	5966859	CHR16:5966859	SSF x LoA	-7,695	-0,057	0,291
CHR16	5966894	CHR16:5966894	SSF x LoA	-8,424	-0,071	0,289
CHR16	5967211	CHR16:5967211	SSF x LoA	-10,084	-0,065	0,280
CHR16	5974320	CHR16:5974320	SSF x LoA	-9,416	-0,017	0,308
CHR16	5978055	CHR16:5978055	SSF x LoA	-7,909	-0,084	0,283
CHR16	5978412	CHR16:5978412	SSF x LoA	-5,884	-0,013	0,296
CHR16	5985765	CHR16:5985765	SSF x LoA	-6,368	-0,088	0,287
CHR16	5985839	CHR16:5985839	SSF x LoA	-8,603	-0,078	0,290
CHR16	5985881	CHR16:5985881	SSF x LoA	-8,248	0,106	0,288
CHR16	5985986	CHR16:5985986	SSF x LoA	-10,856	0,071	0,279
CHR16	5986003	CHR16:5986003	SSF x LoA	-7,269	-0,172	0,286
CHR16	6001047	CHR16:6001047	SSF x LoA	5,715	0,196	0,285
CHR16	6006520	CHR16:6006520	SSF x LoA	1,991	0,153	0,281
CHR16	6006705	CHR16:6006705	SSF x LoA	-6,737	0,180	0,266
CHR16	6006758	CHR16:6006758	SSF x LoA	-8,865	0,051	0,303
CHR16	6006791	CHR16:6006791	SSF x LoA	-6,065	-0,059	0,295
CHR16	6006836	CHR16:6006836	SSF x LoA	-9,158	-0,096	0,263
CHR16	6006843	CHR16:6006843	SSF x LoA	-6,717	-0,146	0,265
CHR16	6027755	CHR16:6027755	SSF x LoA	-8,840	0,070	0,275
CHR16	6027767	CHR16:6027767	SSF x LoA	-10,579	0,067	0,295
CHR16	6027778	CHR16:6027778	SSF x LoA	-7,506	-0,085	0,284
CHR16	6027836	CHR16:6027836	SSF x LoA	-4,936	-0,066	0,282
CHR16	6030124	CHR16:6030124	SSF x LoA	-8,505	0,024	0,291
CHR16	6030126	CHR16:6030126	SSF x LoA	-3,274	-0,154	0,289
CHR16	6040687	CHR16:6040687	SSF x LoA	-10,251	0,051	0,286

CHR16	6050526	CHR16:6050526	SSF x LoA	-9,654	0,084	0,286
CHR16	6050574	CHR16:6050574	SSF x LoA	-8,808	-0,100	0,299
CHR16	6075235	CHR16:6075235	SSF x LoA	-8,829	-0,043	0,293
CHR16	610494	CHR16:610494	SSF x LoA	-6,324	0,071	0,306
CHR16	610552	CHR16:610552	SSF x LoA	-9,725	-0,005	0,291
CHR16	610560	CHR16:610560	SSF x LoA	-9,929	-0,033	0,291
CHR16	610570	CHR16:610570	SSF x LoA	-7,114	0,109	0,297
CHR16	610600	CHR16:610600	SSF x LoA	-7,451	0,132	0,287
CHR16	6113927	CHR16:6113927	SSF x LoA	-11,469	0,028	0,296
CHR16	6113984	CHR16:6113984	SSF x LoA	-8,034	0,096	0,268
CHR16	6113993	CHR16:6113993	SSF x LoA	-10,351	0,058	0,270
CHR16	6114101	CHR16:6114101	SSF x LoA	-8,221	-0,007	0,292
CHR16	6126531	CHR16:6126531	SSF x LoA	-10,687	0,078	0,292
CHR16	6126655	CHR16:6126655	SSF x LoA	-3,943	0,047	0,289
CHR16	6138891	CHR16:6138891	SSF x LoA	-10,117	-0,032	0,290
CHR16	6142022	CHR16:6142022	SSF x LoA	-7,580	-0,055	0,283
CHR16	6142086	CHR16:6142086	SSF x LoA	-11,052	-0,048	0,278
CHR16	6184457	CHR16:6184457	SSF x LoA	-8,227	-0,124	0,289
CHR16	6197029	CHR16:6197029	SSF x LoA	-8,946	0,037	0,291
CHR16	6198318	CHR16:6198318	SSF x LoA	-7,934	0,088	0,283
CHR16	6219967	CHR16:6219967	SSF x LoA	-6,644	-0,075	0,301
CHR16	6219988	CHR16:6219988	SSF x LoA	-9,546	0,046	0,289
CHR16	6220153	CHR16:6220153	SSF x LoA	-9,312	0,124	0,277
CHR16	6242973	CHR16:6242973	SSF x LoA	-8,641	-0,002	0,302
CHR16	626762	CHR16:626762	SSF x LoA	-5,378	0,085	0,280
CHR16	626773	CHR16:626773	SSF x LoA	-9,100	0,081	0,270
CHR16	6267745	CHR16:6267745	SSF x LoA	-8,078	-0,093	0,293
CHR16	626823	CHR16:626823	SSF x LoA	-11,677	-0,031	0,286
CHR16	6273659	CHR16:6273659	SSF x LoA	-9,490	0,100	0,301
CHR16	6285675	CHR16:6285675	SSF x LoA	-9,036	-0,025	0,286
CHR16	6285725	CHR16:6285725	SSF x LoA	-7,234	0,082	0,288
CHR16	6301106	CHR16:6301106	SSF x LoA	-8,256	-0,135	0,287
CHR16	6302970	CHR16:6302970	SSF x LoA	-10,051	-0,017	0,288
CHR16	6320901	CHR16:6320901	SSF x LoA	-3,750	-0,144	0,261
CHR16	6326622	CHR16:6326622	SSF x LoA	-9,823	-0,118	0,283
CHR16	634568	CHR16:634568	SSF x LoA	-8,264	-0,068	0,284
CHR16	6354750	CHR16:6354750	SSF x LoA	-7,726	0,144	0,305
CHR16	6354793	CHR16:6354793	SSF x LoA	-4,560	0,169	0,299
CHR16	6368981	CHR16:6368981	SSF x LoA	-7,865	0,023	0,289
CHR16	637958	CHR16:637958	SSF x LoA	-7,531	0,149	0,265
CHR16	637979	CHR16:637979	SSF x LoA	-5,454	-0,141	0,298
CHR16	638034	CHR16:638034	SSF x LoA	-8,188	0,025	0,301
CHR16	638065	CHR16:638065	SSF x LoA	-8,103	-0,010	0,309
CHR16	638096	CHR16:638096	SSF x LoA	-8,016	0,058	0,283
CHR16	638111	CHR16:638111	SSF x LoA	-7,856	0,056	0,288
CHR16	638144	CHR16:638144	SSF x LoA	-8,332	-0,042	0,284
CHR16	6404073	CHR16:6404073	SSF x LoA	-9,935	-0,046	0,289
CHR16	6404105	CHR16:6404105	SSF x LoA	-7,953	-0,135	0,267
CHR16	641853	CHR16:641853	SSF x LoA	-3,892	0,015	0,294
CHR16	641868	CHR16:641868	SSF x LoA	-8,122	0,020	0,290
CHR16	641990	CHR16:641990	SSF x LoA	-8,875	0,056	0,295
CHR16	642093	CHR16:642093	SSF x LoA	-9,807	-0,016	0,309
CHR16	6434531	CHR16:6434531	SSF x LoA	-8,446	-0,071	0,282

CHR16	6434536	CHR16:6434536	SSF x LoA	-9,225	-0,046	0,287
CHR16	6434684	CHR16:6434684	SSF x LoA	-8,801	0,059	0,284
CHR16	6434729	CHR16:6434729	SSF x LoA	-8,181	-0,027	0,292
CHR16	6434773	CHR16:6434773	SSF x LoA	-8,675	0,142	0,279
CHR16	6452475	CHR16:6452475	SSF x LoA	-8,172	-0,009	0,283
CHR16	6452666	CHR16:6452666	SSF x LoA	-8,577	-0,017	0,270
CHR16	6452699	CHR16:6452699	SSF x LoA	-7,808	0,041	0,299
CHR16	6494898	CHR16:6494898	SSF x LoA	-9,549	0,019	0,281
CHR16	6495121	CHR16:6495121	SSF x LoA	-10,056	-0,066	0,293
CHR16	6513251	CHR16:6513251	SSF x LoA	-9,245	0,073	0,300
CHR16	658658	CHR16:658658	SSF x LoA	-7,533	-0,104	0,287
CHR16	658659	CHR16:658659	SSF x LoA	-8,080	-0,091	0,290
CHR16	6675549	CHR16:6675549	SSF x LoA	-6,734	0,016	0,294
CHR16	669752	CHR16:669752	SSF x LoA	-9,052	-0,096	0,298
CHR16	669810	CHR16:669810	SSF x LoA	-7,122	0,098	0,273
CHR16	669881	CHR16:669881	SSF x LoA	0,294	0,129	0,294
CHR16	669902	CHR16:669902	SSF x LoA	-5,187	0,144	0,272
CHR16	669934	CHR16:669934	SSF x LoA	-5,691	0,131	0,278
CHR16	6702280	CHR16:6702280	SSF x LoA	-5,177	0,071	0,292
CHR16	6702313	CHR16:6702313	SSF x LoA	-5,201	-0,112	0,286
CHR16	6705901	CHR16:6705901	SSF x LoA	-7,170	0,091	0,282
CHR16	6706036	CHR16:6706036	SSF x LoA	-7,790	-0,003	0,283
CHR16	6706171	CHR16:6706171	SSF x LoA	-8,494	0,068	0,288
CHR16	6722161	CHR16:6722161	SSF x LoA	-7,779	0,072	0,301
CHR16	6722204	CHR16:6722204	SSF x LoA	-4,534	0,093	0,282
CHR16	6722208	CHR16:6722208	SSF x LoA	-11,737	0,020	0,295
CHR16	6722217	CHR16:6722217	SSF x LoA	-6,109	0,104	0,291
CHR16	6722231	CHR16:6722231	SSF x LoA	-8,540	0,065	0,286
CHR16	6722240	CHR16:6722240	SSF x LoA	-7,586	0,082	0,283
CHR16	6733634	CHR16:6733634	SSF x LoA	-8,748	0,048	0,291
CHR16	6733644	CHR16:6733644	SSF x LoA	-7,667	0,066	0,297
CHR16	6733677	CHR16:6733677	SSF x LoA	-3,746	-0,236	0,255
CHR16	6733697	CHR16:6733697	SSF x LoA	-4,621	-0,253	0,276
CHR16	6733702	CHR16:6733702	SSF x LoA	-7,794	0,035	0,288
CHR16	6733716	CHR16:6733716	SSF x LoA	-3,066	-0,211	0,281
CHR16	6733744	CHR16:6733744	SSF x LoA	-6,830	0,032	0,281
CHR16	6747595	CHR16:6747595	SSF x LoA	-10,102	-0,022	0,281
CHR16	6747691	CHR16:6747691	SSF x LoA	-9,505	0,023	0,297
CHR16	6747758	CHR16:6747758	SSF x LoA	-9,541	0,008	0,289
CHR16	6751465	CHR16:6751465	SSF x LoA	-6,112	-0,152	0,295
CHR16	6758460	CHR16:6758460	SSF x LoA	-10,882	-0,033	0,290
CHR16	6763245	CHR16:6763245	SSF x LoA	-6,948	0,160	0,284
CHR16	6763325	CHR16:6763325	SSF x LoA	-9,287	0,011	0,280
CHR16	6763382	CHR16:6763382	SSF x LoA	-9,443	-0,048	0,290
CHR16	6763418	CHR16:6763418	SSF x LoA	-7,411	-0,086	0,288
CHR16	6763449	CHR16:6763449	SSF x LoA	-7,363	-0,115	0,277
CHR16	6763494	CHR16:6763494	SSF x LoA	-8,204	0,060	0,297
CHR16	6764681	CHR16:6764681	SSF x LoA	-6,188	0,158	0,283
CHR16	6775506	CHR16:6775506	SSF x LoA	-7,786	0,073	0,278
CHR16	6775592	CHR16:6775592	SSF x LoA	-11,192	0,014	0,297
CHR16	6775595	CHR16:6775595	SSF x LoA	-7,883	-0,051	0,295
CHR16	6775618	CHR16:6775618	SSF x LoA	-10,225	0,038	0,287
CHR16	6778474	CHR16:6778474	SSF x LoA	-10,459	-0,050	0,284

CHR16	6778647	CHR16:6778647	SSF x LoA	-4,004	-0,199	0,266
CHR16	6778653	CHR16:6778653	SSF x LoA	-9,989	0,075	0,291
CHR16	6778689	CHR16:6778689	SSF x LoA	-7,641	-0,071	0,267
CHR16	6778719	CHR16:6778719	SSF x LoA	-10,433	0,059	0,294
CHR16	6780003	CHR16:6780003	SSF x LoA	-7,032	-0,083	0,277
CHR16	6780013	CHR16:6780013	SSF x LoA	-8,406	-0,028	0,282
CHR16	6780100	CHR16:6780100	SSF x LoA	-8,066	-0,070	0,278
CHR16	6780140	CHR16:6780140	SSF x LoA	-10,518	0,038	0,292
CHR16	6788980	CHR16:6788980	SSF x LoA	-8,867	0,021	0,287
CHR16	6789054	CHR16:6789054	SSF x LoA	-8,649	-0,046	0,299
CHR16	6789067	CHR16:6789067	SSF x LoA	-8,783	-0,156	0,277
CHR16	6789120	CHR16:6789120	SSF x LoA	-9,384	-0,002	0,289
CHR16	6789190	CHR16:6789190	SSF x LoA	-9,183	0,025	0,296
CHR16	6789200	CHR16:6789200	SSF x LoA	-6,614	0,068	0,281
CHR16	6789212	CHR16:6789212	SSF x LoA	-7,098	0,059	0,289
CHR16	6790492	CHR16:6790492	SSF x LoA	-9,322	-0,034	0,289
CHR16	6790582	CHR16:6790582	SSF x LoA	-9,082	0,116	0,289
CHR16	6790730	CHR16:6790730	SSF x LoA	-9,021	-0,026	0,285
CHR16	6790735	CHR16:6790735	SSF x LoA	-9,179	0,022	0,295
CHR16	6810954	CHR16:6810954	SSF x LoA	-11,370	-0,041	0,289
CHR16	6811008	CHR16:6811008	SSF x LoA	-10,530	-0,045	0,291
CHR16	6811029	CHR16:6811029	SSF x LoA	-5,061	0,113	0,268
CHR16	6811072	CHR16:6811072	SSF x LoA	-11,122	0,024	0,293
CHR16	6811125	CHR16:6811125	SSF x LoA	-10,298	-0,114	0,282
CHR16	6811133	CHR16:6811133	SSF x LoA	-8,407	0,039	0,287
CHR16	6811154	CHR16:6811154	SSF x LoA	-10,992	0,090	0,275
CHR16	6811258	CHR16:6811258	SSF x LoA	-7,581	-0,047	0,287
CHR16	6811265	CHR16:6811265	SSF x LoA	-10,282	-0,030	0,290
CHR16	6813963	CHR16:6813963	SSF x LoA	-9,876	0,052	0,285
CHR16	6813988	CHR16:6813988	SSF x LoA	-9,943	0,014	0,293
CHR16	6816339	CHR16:6816339	SSF x LoA	-8,650	-0,093	0,276
CHR16	6816371	CHR16:6816371	SSF x LoA	-8,883	0,038	0,290
CHR16	6825129	CHR16:6825129	SSF x LoA	-7,561	-0,084	0,303
CHR16	682648	CHR16:682648	SSF x LoA	-10,831	-0,012	0,269
CHR16	682654	CHR16:682654	SSF x LoA	-8,701	0,095	0,279
CHR16	682713	CHR16:682713	SSF x LoA	-9,806	0,087	0,287
CHR16	682841	CHR16:682841	SSF x LoA	-9,069	0,014	0,294
CHR16	6847852	CHR16:6847852	SSF x LoA	-5,287	0,135	0,284
CHR16	6847858	CHR16:6847858	SSF x LoA	-10,694	0,027	0,295
CHR16	685557	CHR16:685557	SSF x LoA	-8,623	-0,013	0,293
CHR16	685560	CHR16:685560	SSF x LoA	-7,822	-0,012	0,304
CHR16	6858029	CHR16:6858029	SSF x LoA	-10,602	0,016	0,286
CHR16	6858250	CHR16:6858250	SSF x LoA	-9,344	0,049	0,286
CHR16	6867274	CHR16:6867274	SSF x LoA	-11,609	0,008	0,288
CHR16	6867300	CHR16:6867300	SSF x LoA	-2,026	-0,086	0,293
CHR16	6872690	CHR16:6872690	SSF x LoA	-7,325	0,066	0,305
CHR16	6883097	CHR16:6883097	SSF x LoA	-9,217	-0,040	0,290
CHR16	6883117	CHR16:6883117	SSF x LoA	-8,582	-0,030	0,293
CHR16	6883144	CHR16:6883144	SSF x LoA	-9,227	-0,050	0,267
CHR16	6883228	CHR16:6883228	SSF x LoA	-8,230	-0,046	0,286
CHR16	6883304	CHR16:6883304	SSF x LoA	-8,764	0,023	0,289
CHR16	6900267	CHR16:6900267	SSF x LoA	-5,199	-0,059	0,311
CHR16	6906576	CHR16:6906576	SSF x LoA	-9,171	0,084	0,290

CHR16	6929672	CHR16:6929672	SSF x LoA	-6,849	-0,117	0,278
CHR16	6929721	CHR16:6929721	SSF x LoA	-6,772	-0,057	0,291
CHR16	6929845	CHR16:6929845	SSF x LoA	-10,490	-0,062	0,283
CHR16	6932042	CHR16:6932042	SSF x LoA	-8,939	-0,146	0,283
CHR16	6934621	CHR16:6934621	SSF x LoA	-9,030	-0,042	0,295
CHR16	6934819	CHR16:6934819	SSF x LoA	-11,355	-0,058	0,278
CHR16	6934836	CHR16:6934836	SSF x LoA	-9,709	-0,075	0,294
CHR16	6939174	CHR16:6939174	SSF x LoA	-7,627	-0,180	0,285
CHR16	6939226	CHR16:6939226	SSF x LoA	-3,749	-0,218	0,269
CHR16	6946480	CHR16:6946480	SSF x LoA	-8,914	-0,051	0,288
CHR16	6954442	CHR16:6954442	SSF x LoA	-9,493	-0,066	0,291
CHR16	6954576	CHR16:6954576	SSF x LoA	-0,427	-0,151	0,291
CHR16	6954606	CHR16:6954606	SSF x LoA	-8,967	0,036	0,283
CHR16	6954608	CHR16:6954608	SSF x LoA	-8,942	0,012	0,284
CHR16	6954648	CHR16:6954648	SSF x LoA	-10,533	0,041	0,276
CHR16	695738	CHR16:695738	SSF x LoA	-9,543	0,037	0,283
CHR16	695978	CHR16:695978	SSF x LoA	-8,714	-0,033	0,286
CHR16	695980	CHR16:695980	SSF x LoA	-7,063	-0,068	0,310
CHR16	696034	CHR16:696034	SSF x LoA	-9,189	0,005	0,298
CHR16	696035	CHR16:696035	SSF x LoA	-8,417	0,091	0,304
CHR16	696047	CHR16:696047	SSF x LoA	-9,391	0,037	0,301
CHR16	6975993	CHR16:6975993	SSF x LoA	-10,099	0,052	0,279
CHR16	6984415	CHR16:6984415	SSF x LoA	-9,460	-0,094	0,293
CHR16	6984427	CHR16:6984427	SSF x LoA	-9,198	-0,105	0,295
CHR16	6991740	CHR16:6991740	SSF x LoA	-10,146	-0,071	0,290
CHR16	6991776	CHR16:6991776	SSF x LoA	-9,629	0,076	0,283
CHR16	6991787	CHR16:6991787	SSF x LoA	-8,426	0,067	0,287
CHR16	6991789	CHR16:6991789	SSF x LoA	-9,891	0,026	0,294
CHR16	6991804	CHR16:6991804	SSF x LoA	-6,963	0,069	0,301
CHR16	6991813	CHR16:6991813	SSF x LoA	-9,109	0,048	0,285
CHR16	6991814	CHR16:6991814	SSF x LoA	-8,479	0,055	0,294
CHR16	6991817	CHR16:6991817	SSF x LoA	-9,395	0,029	0,293
CHR16	6991822	CHR16:6991822	SSF x LoA	-9,664	0,058	0,277
CHR16	6992986	CHR16:6992986	SSF x LoA	-5,668	0,186	0,291
CHR16	6993021	CHR16:6993021	SSF x LoA	-6,088	0,200	0,281
CHR16	6993118	CHR16:6993118	SSF x LoA	-7,476	-0,077	0,304
CHR16	6993164	CHR16:6993164	SSF x LoA	-8,897	-0,103	0,293
CHR16	6993190	CHR16:6993190	SSF x LoA	-4,309	0,229	0,276
CHR16	6993212	CHR16:6993212	SSF x LoA	-0,508	0,242	0,285
CHR16	6997232	CHR16:6997232	SSF x LoA	-8,266	-0,023	0,294
CHR16	6997323	CHR16:6997323	SSF x LoA	-5,041	-0,196	0,283
CHR16	7004412	CHR16:7004412	SSF x LoA	-6,992	0,025	0,282
CHR16	7025433	CHR16:7025433	SSF x LoA	-9,824	-0,041	0,272
CHR16	7025513	CHR16:7025513	SSF x LoA	-10,112	0,071	0,299
CHR16	7025594	CHR16:7025594	SSF x LoA	-8,962	-0,045	0,295
CHR16	7039014	CHR16:7039014	SSF x LoA	-10,892	0,011	0,297
CHR16	7060599	CHR16:7060599	SSF x LoA	-10,589	0,029	0,287
CHR16	707749	CHR16:707749	SSF x LoA	-4,541	0,016	0,291
CHR16	707865	CHR16:707865	SSF x LoA	-9,843	0,104	0,290
CHR16	707869	CHR16:707869	SSF x LoA	-9,261	-0,185	0,272
CHR16	707959	CHR16:707959	SSF x LoA	-5,753	-0,079	0,294
CHR16	7086880	CHR16:7086880	SSF x LoA	-6,843	-0,082	0,288
CHR16	7092644	CHR16:7092644	SSF x LoA	-7,829	0,032	0,300

CHR16	7092799	CHR16:7092799	SSF x LoA	-8,353	-0,111	0,286
CHR16	7107853	CHR16:7107853	SSF x LoA	-8,546	0,030	0,292
CHR16	710913	CHR16:710913	SSF x LoA	-9,453	-0,082	0,293
CHR16	710958	CHR16:710958	SSF x LoA	-9,537	0,048	0,289
CHR16	711040	CHR16:711040	SSF x LoA	-9,314	0,030	0,288
CHR16	711072	CHR16:711072	SSF x LoA	-9,310	-0,082	0,289
CHR16	711117	CHR16:711117	SSF x LoA	-10,349	0,063	0,284
CHR16	7144268	CHR16:7144268	SSF x LoA	-10,905	-0,052	0,287
CHR16	719802	CHR16:719802	SSF x LoA	-6,464	0,191	0,281
CHR16	719849	CHR16:719849	SSF x LoA	-7,554	0,125	0,292
CHR16	719910	CHR16:719910	SSF x LoA	-4,612	-0,031	0,284
CHR16	7227338	CHR16:7227338	SSF x LoA	0,608	-0,312	0,261
CHR16	7227359	CHR16:7227359	SSF x LoA	-9,963	-0,090	0,296
CHR16	7227466	CHR16:7227466	SSF x LoA	-6,010	-0,123	0,292
CHR16	7233614	CHR16:7233614	SSF x LoA	-8,511	-0,033	0,295
CHR16	7233876	CHR16:7233876	SSF x LoA	-9,869	-0,046	0,292
CHR16	7243906	CHR16:7243906	SSF x LoA	-5,122	-0,161	0,282
CHR16	7244042	CHR16:7244042	SSF x LoA	10,787	-0,221	0,287
CHR16	7244318	CHR16:7244318	SSF x LoA	-8,647	-0,067	0,284
CHR16	7253794	CHR16:7253794	SSF x LoA	-9,797	0,029	0,280
CHR16	7253842	CHR16:7253842	SSF x LoA	-8,617	0,027	0,302
CHR16	7253879	CHR16:7253879	SSF x LoA	-7,358	0,193	0,279
CHR16	7253892	CHR16:7253892	SSF x LoA	-3,811	0,148	0,285
CHR16	7253894	CHR16:7253894	SSF x LoA	-2,178	0,169	0,288
CHR16	7256077	CHR16:7256077	SSF x LoA	-7,717	0,101	0,265
CHR16	7256095	CHR16:7256095	SSF x LoA	-2,291	0,098	0,265
CHR16	7256433	CHR16:7256433	SSF x LoA	-7,400	0,083	0,296
CHR16	725657	CHR16:725657	SSF x LoA	-9,927	-0,010	0,297
CHR16	725764	CHR16:725764	SSF x LoA	-7,943	0,076	0,278
CHR16	7263928	CHR16:7263928	SSF x LoA	-9,087	-0,051	0,284
CHR16	7263963	CHR16:7263963	SSF x LoA	-8,872	-0,092	0,293
CHR16	7264027	CHR16:7264027	SSF x LoA	-3,487	0,136	0,281
CHR16	7264063	CHR16:7264063	SSF x LoA	-7,941	0,117	0,281
CHR16	7264071	CHR16:7264071	SSF x LoA	-10,910	-0,031	0,291
CHR16	7264105	CHR16:7264105	SSF x LoA	-5,069	-0,213	0,279
CHR16	7264147	CHR16:7264147	SSF x LoA	-10,279	0,096	0,282
CHR16	7264260	CHR16:7264260	SSF x LoA	-9,025	0,025	0,268
CHR16	7264276	CHR16:7264276	SSF x LoA	-8,278	0,078	0,273
CHR16	7264304	CHR16:7264304	SSF x LoA	1,021	0,195	0,285
CHR16	7275943	CHR16:7275943	SSF x LoA	-9,297	-0,065	0,302
CHR16	7278385	CHR16:7278385	SSF x LoA	-7,774	0,094	0,295
CHR16	7278451	CHR16:7278451	SSF x LoA	-9,828	0,113	0,308
CHR16	7278547	CHR16:7278547	SSF x LoA	-10,032	0,048	0,302
CHR16	7278625	CHR16:7278625	SSF x LoA	-7,955	0,140	0,278
CHR16	7278652	CHR16:7278652	SSF x LoA	-8,487	0,013	0,296
CHR16	7281666	CHR16:7281666	SSF x LoA	-10,249	-0,022	0,304
CHR16	7281781	CHR16:7281781	SSF x LoA	-10,659	-0,062	0,269
CHR16	7281824	CHR16:7281824	SSF x LoA	-10,265	-0,036	0,291
CHR16	7289257	CHR16:7289257	SSF x LoA	-8,475	0,116	0,297
CHR16	7289266	CHR16:7289266	SSF x LoA	-9,440	0,039	0,288
CHR16	7289311	CHR16:7289311	SSF x LoA	-10,678	-0,137	0,289
CHR16	7289360	CHR16:7289360	SSF x LoA	-8,131	-0,036	0,299
CHR16	7289397	CHR16:7289397	SSF x LoA	-8,017	0,003	0,285

CHR16	7290592	CHR16:7290592	SSF x LoA	-5,664	-0,147	0,291
CHR16	7290664	CHR16:7290664	SSF x LoA	-8,812	-0,007	0,290
CHR16	7290746	CHR16:7290746	SSF x LoA	-9,899	0,133	0,295
CHR16	7296014	CHR16:7296014	SSF x LoA	-8,193	0,071	0,299
CHR16	7296097	CHR16:7296097	SSF x LoA	-8,906	0,113	0,279
CHR16	7296111	CHR16:7296111	SSF x LoA	-6,557	-0,171	0,264
CHR16	7296207	CHR16:7296207	SSF x LoA	-8,176	0,106	0,283
CHR16	7296248	CHR16:7296248	SSF x LoA	-7,314	-0,106	0,278
CHR16	7296251	CHR16:7296251	SSF x LoA	-6,926	-0,083	0,291
CHR16	730420	CHR16:730420	SSF x LoA	-8,239	0,059	0,288
CHR16	730447	CHR16:730447	SSF x LoA	-9,326	0,105	0,290
CHR16	730454	CHR16:730454	SSF x LoA	-7,730	0,015	0,269
CHR16	7306295	CHR16:7306295	SSF x LoA	-10,444	-0,031	0,290
CHR16	7306342	CHR16:7306342	SSF x LoA	-11,350	-0,043	0,302
CHR16	7306514	CHR16:7306514	SSF x LoA	-10,135	0,072	0,281
CHR16	7306619	CHR16:7306619	SSF x LoA	-6,764	0,167	0,284
CHR16	7312920	CHR16:7312920	SSF x LoA	-8,827	-0,066	0,297
CHR16	7312979	CHR16:7312979	SSF x LoA	-9,294	0,054	0,292
CHR16	7312982	CHR16:7312982	SSF x LoA	-6,905	0,139	0,273
CHR16	7312992	CHR16:7312992	SSF x LoA	-9,098	0,055	0,301
CHR16	7313088	CHR16:7313088	SSF x LoA	-10,869	0,015	0,286
CHR16	7314530	CHR16:7314530	SSF x LoA	-0,786	-0,114	0,266
CHR16	7314541	CHR16:7314541	SSF x LoA	-9,542	-0,003	0,282
CHR16	7314616	CHR16:7314616	SSF x LoA	-8,316	-0,119	0,271
CHR16	7315249	CHR16:7315249	SSF x LoA	-9,858	0,005	0,285
CHR16	7319196	CHR16:7319196	SSF x LoA	-8,866	0,103	0,297
CHR16	7319335	CHR16:7319335	SSF x LoA	-10,482	0,034	0,304
CHR16	7319387	CHR16:7319387	SSF x LoA	-6,703	-0,123	0,292
CHR16	7323805	CHR16:7323805	SSF x LoA	-9,064	0,140	0,290
CHR16	7323950	CHR16:7323950	SSF x LoA	-6,144	0,145	0,283
CHR16	7325355	CHR16:7325355	SSF x LoA	-10,894	-0,049	0,294
CHR16	7325468	CHR16:7325468	SSF x LoA	-8,822	0,190	0,288
CHR16	7325536	CHR16:7325536	SSF x LoA	-8,455	0,030	0,283
CHR16	7328639	CHR16:7328639	SSF x LoA	-8,704	-0,009	0,306
CHR16	7328641	CHR16:7328641	SSF x LoA	-9,283	-0,109	0,280
CHR16	7328783	CHR16:7328783	SSF x LoA	-8,656	-0,092	0,293
CHR16	7343015	CHR16:7343015	SSF x LoA	-10,256	-0,122	0,298
CHR16	7343084	CHR16:7343084	SSF x LoA	-5,645	0,180	0,281
CHR16	7343176	CHR16:7343176	SSF x LoA	-9,454	0,036	0,286
CHR16	7345911	CHR16:7345911	SSF x LoA	-5,559	0,024	0,307
CHR16	7345914	CHR16:7345914	SSF x LoA	-4,327	0,224	0,284
CHR16	7345972	CHR16:7345972	SSF x LoA	-7,960	0,083	0,299
CHR16	7350254	CHR16:7350254	SSF x LoA	-9,802	-0,166	0,275
CHR16	7350397	CHR16:7350397	SSF x LoA	-6,995	0,084	0,298
CHR16	7350408	CHR16:7350408	SSF x LoA	-6,996	0,041	0,301
CHR16	7350409	CHR16:7350409	SSF x LoA	-7,684	0,027	0,304
CHR16	7354951	CHR16:7354951	SSF x LoA	-7,658	-0,102	0,284
CHR16	7354970	CHR16:7354970	SSF x LoA	-10,433	-0,089	0,280
CHR16	7354974	CHR16:7354974	SSF x LoA	-10,155	-0,089	0,281
CHR16	7355028	CHR16:7355028	SSF x LoA	-10,755	-0,020	0,293
CHR16	7355060	CHR16:7355060	SSF x LoA	-8,814	-0,061	0,272
CHR16	7355064	CHR16:7355064	SSF x LoA	0,505	-0,041	0,286
CHR16	7355065	CHR16:7355065	SSF x LoA	-8,412	-0,006	0,294

CHR16	7355108	CHR16:7355108	SSF x LoA	-8,619	0,156	0,283
CHR16	7355154	CHR16:7355154	SSF x LoA	-8,937	0,011	0,294
CHR16	7363989	CHR16:7363989	SSF x LoA	-11,460	0,018	0,272
CHR16	7363990	CHR16:7363990	SSF x LoA	-8,028	-0,181	0,279
CHR16	7365949	CHR16:7365949	SSF x LoA	-10,334	-0,031	0,273
CHR16	7365950	CHR16:7365950	SSF x LoA	-9,782	-0,051	0,274
CHR16	7366009	CHR16:7366009	SSF x LoA	-8,614	-0,059	0,281
CHR16	7366075	CHR16:7366075	SSF x LoA	-10,109	-0,033	0,292
CHR16	7367298	CHR16:7367298	SSF x LoA	0,947	-0,267	0,265
CHR16	7367310	CHR16:7367310	SSF x LoA	-3,419	-0,220	0,268
CHR16	7376535	CHR16:7376535	SSF x LoA	-10,049	0,036	0,288
CHR16	7390686	CHR16:7390686	SSF x LoA	-8,859	0,134	0,298
CHR16	7390702	CHR16:7390702	SSF x LoA	-6,072	0,212	0,273
CHR16	7392353	CHR16:7392353	SSF x LoA	-8,662	-0,056	0,293
CHR16	7392354	CHR16:7392354	SSF x LoA	-5,952	-0,044	0,293
CHR16	7392367	CHR16:7392367	SSF x LoA	-0,457	-0,101	0,299
CHR16	7392388	CHR16:7392388	SSF x LoA	-8,845	-0,057	0,281
CHR16	7392404	CHR16:7392404	SSF x LoA	-8,643	-0,052	0,274
CHR16	7392408	CHR16:7392408	SSF x LoA	-8,945	-0,065	0,293
CHR16	7392414	CHR16:7392414	SSF x LoA	-7,959	-0,066	0,286
CHR16	7398585	CHR16:7398585	SSF x LoA	-9,679	-0,144	0,282
CHR16	7398693	CHR16:7398693	SSF x LoA	-8,045	-0,154	0,268
CHR16	7406482	CHR16:7406482	SSF x LoA	-10,152	-0,091	0,293
CHR16	7416255	CHR16:7416255	SSF x LoA	-4,686	0,208	0,287
CHR16	742307	CHR16:742307	SSF x LoA	-8,494	0,053	0,299
CHR16	7467424	CHR16:7467424	SSF x LoA	-10,871	0,070	0,281
CHR16	7473157	CHR16:7473157	SSF x LoA	-10,068	0,023	0,296
CHR16	7473387	CHR16:7473387	SSF x LoA	-7,364	-0,098	0,282
CHR16	7473529	CHR16:7473529	SSF x LoA	-7,691	-0,030	0,289
CHR16	7495357	CHR16:7495357	SSF x LoA	-8,549	-0,048	0,289
CHR16	7495368	CHR16:7495368	SSF x LoA	-7,773	-0,129	0,282
CHR16	7524700	CHR16:7524700	SSF x LoA	-7,444	0,207	0,296
CHR16	7538023	CHR16:7538023	SSF x LoA	-1,957	-0,052	0,293
CHR16	7538139	CHR16:7538139	SSF x LoA	-7,213	0,052	0,292
CHR16	7570493	CHR16:7570493	SSF x LoA	-7,586	-0,027	0,309
CHR16	7577886	CHR16:7577886	SSF x LoA	-6,713	0,057	0,288
CHR16	7585356	CHR16:7585356	SSF x LoA	-10,132	-0,037	0,290
CHR16	7585492	CHR16:7585492	SSF x LoA	-6,350	-0,087	0,271
CHR16	7585530	CHR16:7585530	SSF x LoA	-9,006	-0,090	0,294
CHR16	7585545	CHR16:7585545	SSF x LoA	-9,592	-0,055	0,284
CHR16	7585546	CHR16:7585546	SSF x LoA	-10,489	0,069	0,285
CHR16	7594261	CHR16:7594261	SSF x LoA	-9,527	-0,066	0,290
CHR16	7606553	CHR16:7606553	SSF x LoA	-6,265	-0,143	0,285
CHR16	7613341	CHR16:7613341	SSF x LoA	-10,222	-0,011	0,288
CHR16	7613357	CHR16:7613357	SSF x LoA	-9,793	-0,005	0,283
CHR16	7613392	CHR16:7613392	SSF x LoA	-8,125	-0,040	0,286
CHR16	7622946	CHR16:7622946	SSF x LoA	-6,142	0,162	0,282
CHR16	7623028	CHR16:7623028	SSF x LoA	-8,713	0,023	0,292
CHR16	763137	CHR16:763137	SSF x LoA	-11,268	0,012	0,294
CHR16	763170	CHR16:763170	SSF x LoA	-7,088	0,041	0,300
CHR16	7642645	CHR16:7642645	SSF x LoA	-0,227	-0,169	0,278
CHR16	7642828	CHR16:7642828	SSF x LoA	-9,647	0,061	0,287
CHR16	7645242	CHR16:7645242	SSF x LoA	-7,073	-0,061	0,300

CHR16	7657928	CHR16:7657928	SSF x LoA	-9,261	0,087	0,292
CHR16	7665647	CHR16:7665647	SSF x LoA	-9,493	0,044	0,301
CHR16	7665689	CHR16:7665689	SSF x LoA	-9,185	0,069	0,294
CHR16	7679783	CHR16:7679783	SSF x LoA	-11,215	-0,007	0,293
CHR16	7679784	CHR16:7679784	SSF x LoA	-8,589	0,026	0,288
CHR16	7679850	CHR16:7679850	SSF x LoA	-10,383	0,004	0,305
CHR16	7679933	CHR16:7679933	SSF x LoA	-9,459	-0,069	0,293
CHR16	7679955	CHR16:7679955	SSF x LoA	-10,282	-0,035	0,285
CHR16	7679969	CHR16:7679969	SSF x LoA	-5,975	0,201	0,284
CHR16	7680687	CHR16:7680687	SSF x LoA	-8,646	0,026	0,290
CHR16	7680816	CHR16:7680816	SSF x LoA	-10,083	-0,116	0,300
CHR16	7689888	CHR16:7689888	SSF x LoA	-8,039	-0,001	0,304
CHR16	7690008	CHR16:7690008	SSF x LoA	-4,260	0,094	0,290
CHR16	7696473	CHR16:7696473	SSF x LoA	-9,702	0,121	0,284
CHR16	7703469	CHR16:7703469	SSF x LoA	-10,281	-0,008	0,299
CHR16	7703503	CHR16:7703503	SSF x LoA	-9,862	-0,068	0,288
CHR16	7703563	CHR16:7703563	SSF x LoA	-10,252	0,114	0,281
CHR16	7703640	CHR16:7703640	SSF x LoA	-8,670	0,050	0,300
CHR16	7726368	CHR16:7726368	SSF x LoA	-9,221	-0,007	0,284
CHR16	7726523	CHR16:7726523	SSF x LoA	-8,771	-0,113	0,280
CHR16	7750623	CHR16:7750623	SSF x LoA	-7,686	0,078	0,290
CHR16	7750747	CHR16:7750747	SSF x LoA	-10,723	-0,050	0,293
CHR16	7751713	CHR16:7751713	SSF x LoA	-8,579	-0,109	0,281
CHR16	7782902	CHR16:7782902	SSF x LoA	-8,144	0,132	0,298
CHR16	7788981	CHR16:7788981	SSF x LoA	-9,077	-0,040	0,280
CHR16	7796021	CHR16:7796021	SSF x LoA	-9,491	0,017	0,292
CHR16	7803789	CHR16:7803789	SSF x LoA	-10,448	0,024	0,286
CHR16	7803886	CHR16:7803886	SSF x LoA	-8,436	0,100	0,288
CHR16	7803966	CHR16:7803966	SSF x LoA	-10,452	0,040	0,275
CHR16	7831668	CHR16:7831668	SSF x LoA	-7,503	0,019	0,296
CHR16	7831728	CHR16:7831728	SSF x LoA	-8,276	0,049	0,288
CHR16	7835262	CHR16:7835262	SSF x LoA	-11,028	0,013	0,291
CHR16	7842625	CHR16:7842625	SSF x LoA	-7,215	-0,076	0,306
CHR16	7842633	CHR16:7842633	SSF x LoA	-8,004	-0,029	0,304
CHR16	7842634	CHR16:7842634	SSF x LoA	-7,616	-0,019	0,312
CHR16	7842651	CHR16:7842651	SSF x LoA	-8,367	-0,011	0,298
CHR16	7842667	CHR16:7842667	SSF x LoA	-4,929	-0,006	0,308
CHR16	7842671	CHR16:7842671	SSF x LoA	-7,492	0,006	0,302
CHR16	7842680	CHR16:7842680	SSF x LoA	-8,410	-0,077	0,298
CHR16	7842696	CHR16:7842696	SSF x LoA	-8,559	0,008	0,306
CHR16	7842701	CHR16:7842701	SSF x LoA	-7,558	0,013	0,302
CHR16	7851741	CHR16:7851741	SSF x LoA	-7,534	0,086	0,282
CHR16	7851929	CHR16:7851929	SSF x LoA	-7,152	0,076	0,286
CHR16	7858505	CHR16:7858505	SSF x LoA	-8,443	0,048	0,294
CHR16	7858510	CHR16:7858510	SSF x LoA	-8,107	0,034	0,290
CHR16	7858513	CHR16:7858513	SSF x LoA	-8,274	0,041	0,294
CHR16	7858518	CHR16:7858518	SSF x LoA	-6,018	0,054	0,290
CHR16	7862049	CHR16:7862049	SSF x LoA	-8,105	0,001	0,307
CHR16	7862095	CHR16:7862095	SSF x LoA	-8,180	0,045	0,294
CHR16	7863404	CHR16:7863404	SSF x LoA	-10,268	-0,015	0,288
CHR16	7863557	CHR16:7863557	SSF x LoA	-7,487	0,102	0,293
CHR16	7865668	CHR16:7865668	SSF x LoA	-10,643	0,027	0,299
CHR16	7865753	CHR16:7865753	SSF x LoA	-10,752	-0,113	0,285

CHR16	7875827	CHR16:7875827	SSF x LoA	-7,505	0,044	0,302
CHR16	7897079	CHR16:7897079	SSF x LoA	-8,249	-0,213	0,274
CHR16	7897595	CHR16:7897595	SSF x LoA	-6,945	0,092	0,288
CHR16	7932044	CHR16:7932044	SSF x LoA	-8,893	0,043	0,279
CHR16	7932068	CHR16:7932068	SSF x LoA	-8,182	0,002	0,292
CHR16	7932144	CHR16:7932144	SSF x LoA	-7,911	0,006	0,305
CHR16	7932191	CHR16:7932191	SSF x LoA	-7,305	0,037	0,290
CHR16	7932262	CHR16:7932262	SSF x LoA	-8,831	-0,099	0,281
CHR16	7932292	CHR16:7932292	SSF x LoA	-8,266	-0,017	0,294
CHR16	7932312	CHR16:7932312	SSF x LoA	-10,041	-0,053	0,289
CHR16	7932335	CHR16:7932335	SSF x LoA	-7,935	-0,001	0,297
CHR16	7932463	CHR16:7932463	SSF x LoA	-7,929	-0,068	0,289
CHR16	7936771	CHR16:7936771	SSF x LoA	-8,261	-0,111	0,290
CHR16	7936787	CHR16:7936787	SSF x LoA	-7,394	-0,131	0,291
CHR16	7944161	CHR16:7944161	SSF x LoA	-8,717	-0,052	0,280
CHR16	795970	CHR16:795970	SSF x LoA	-8,457	-0,010	0,298
CHR16	795985	CHR16:795985	SSF x LoA	-9,396	0,085	0,283
CHR16	795994	CHR16:795994	SSF x LoA	-7,747	-0,094	0,289
CHR16	7961087	CHR16:7961087	SSF x LoA	-8,308	0,002	0,282
CHR16	796705	CHR16:796705	SSF x LoA	-8,072	-0,022	0,295
CHR16	796745	CHR16:796745	SSF x LoA	-7,720	0,099	0,280
CHR16	796754	CHR16:796754	SSF x LoA	-4,097	0,108	0,296
CHR16	7981258	CHR16:7981258	SSF x LoA	-7,878	0,024	0,301
CHR16	7999023	CHR16:7999023	SSF x LoA	-7,952	-0,004	0,295
CHR16	7999076	CHR16:7999076	SSF x LoA	-8,482	-0,097	0,293
CHR16	7999231	CHR16:7999231	SSF x LoA	-2,979	0,146	0,262
CHR16	7999305	CHR16:7999305	SSF x LoA	-7,557	0,023	0,293
CHR16	8015791	CHR16:8015791	SSF x LoA	-7,488	-0,089	0,271
CHR16	8023052	CHR16:8023052	SSF x LoA	-8,655	-0,006	0,297
CHR16	8023180	CHR16:8023180	SSF x LoA	-8,111	-0,015	0,307
CHR16	8026361	CHR16:8026361	SSF x LoA	-8,562	-0,051	0,284
CHR16	8062383	CHR16:8062383	SSF x LoA	-9,434	0,049	0,265
CHR16	8062472	CHR16:8062472	SSF x LoA	-7,148	0,127	0,293
CHR16	8102147	CHR16:8102147	SSF x LoA	-8,828	-0,096	0,302
CHR16	8102326	CHR16:8102326	SSF x LoA	-6,680	-0,101	0,271
CHR16	8144281	CHR16:8144281	SSF x LoA	-7,606	-0,056	0,299
CHR16	8154696	CHR16:8154696	SSF x LoA	-8,713	-0,084	0,271
CHR16	8155140	CHR16:8155140	SSF x LoA	-9,241	0,079	0,288
CHR16	8177162	CHR16:8177162	SSF x LoA	-7,878	-0,033	0,282
CHR16	8212427	CHR16:8212427	SSF x LoA	-5,620	0,141	0,270
CHR16	8222049	CHR16:8222049	SSF x LoA	-7,862	0,128	0,281
CHR16	8232201	CHR16:8232201	SSF x LoA	-10,350	0,045	0,292
CHR16	8232225	CHR16:8232225	SSF x LoA	-9,879	-0,005	0,288
CHR16	8232493	CHR16:8232493	SSF x LoA	-10,418	-0,040	0,282
CHR16	8308040	CHR16:8308040	SSF x LoA	-7,078	0,154	0,282
CHR16	8308158	CHR16:8308158	SSF x LoA	-9,937	0,093	0,288
CHR16	832986	CHR16:832986	SSF x LoA	-8,007	-0,110	0,271
CHR16	8374062	CHR16:8374062	SSF x LoA	-8,082	-0,057	0,284
CHR16	837823	CHR16:837823	SSF x LoA	-9,005	-0,066	0,293
CHR16	837855	CHR16:837855	SSF x LoA	-11,035	-0,014	0,291
CHR16	837914	CHR16:837914	SSF x LoA	-11,255	0,079	0,278
CHR16	8379340	CHR16:8379340	SSF x LoA	-7,526	-0,094	0,306
CHR16	838047	CHR16:838047	SSF x LoA	-7,855	0,146	0,282

CHR16	8396944	CHR16:8396944	SSF x LoA	-5,326	-0,127	0,289
CHR16	843139	CHR16:843139	SSF x LoA	-11,070	0,063	0,288
CHR16	843169	CHR16:843169	SSF x LoA	-7,198	-0,118	0,298
CHR16	843339	CHR16:843339	SSF x LoA	-9,308	0,100	0,287
CHR16	8472315	CHR16:8472315	SSF x LoA	-7,631	-0,159	0,273
CHR16	8486819	CHR16:8486819	SSF x LoA	-4,943	-0,164	0,294
CHR16	8487138	CHR16:8487138	SSF x LoA	-7,444	-0,118	0,287
CHR16	8493205	CHR16:8493205	SSF x LoA	-8,741	0,055	0,288
CHR16	851636	CHR16:851636	SSF x LoA	-9,959	-0,121	0,269
CHR16	851757	CHR16:851757	SSF x LoA	-8,569	0,037	0,276
CHR16	853469	CHR16:853469	SSF x LoA	-11,379	0,024	0,280
CHR16	854837	CHR16:854837	SSF x LoA	-8,082	0,050	0,305
CHR16	854948	CHR16:854948	SSF x LoA	-10,062	-0,015	0,291
CHR16	857277	CHR16:857277	SSF x LoA	-8,120	-0,033	0,290
CHR16	8693510	CHR16:8693510	SSF x LoA	-7,129	-0,131	0,288
CHR16	8719667	CHR16:8719667	SSF x LoA	-4,729	-0,174	0,283
CHR16	8719843	CHR16:8719843	SSF x LoA	-10,816	-0,019	0,288
CHR16	8734714	CHR16:8734714	SSF x LoA	-6,410	0,122	0,289
CHR16	8734722	CHR16:8734722	SSF x LoA	-5,637	0,111	0,292
CHR16	8756376	CHR16:8756376	SSF x LoA	-7,679	-0,075	0,286
CHR16	8802717	CHR16:8802717	SSF x LoA	-8,940	0,095	0,283
CHR16	8831768	CHR16:8831768	SSF x LoA	-9,247	0,000	0,290
CHR16	886363	CHR16:886363	SSF x LoA	-6,684	0,087	0,257
CHR16	886422	CHR16:886422	SSF x LoA	-7,824	-0,049	0,301
CHR16	886454	CHR16:886454	SSF x LoA	-7,738	0,007	0,294
CHR16	8884287	CHR16:8884287	SSF x LoA	-10,300	-0,070	0,294
CHR16	894467	CHR16:894467	SSF x LoA	-5,658	0,168	0,290
CHR16	894513	CHR16:894513	SSF x LoA	-0,733	-0,137	0,282
CHR16	904552	CHR16:904552	SSF x LoA	-11,524	0,009	0,295
CHR16	904777	CHR16:904777	SSF x LoA	-9,953	-0,052	0,290
CHR16	904789	CHR16:904789	SSF x LoA	-9,592	-0,052	0,290
CHR16	904798	CHR16:904798	SSF x LoA	-8,583	-0,057	0,291
CHR16	904809	CHR16:904809	SSF x LoA	-7,925	0,008	0,296
CHR16	904850	CHR16:904850	SSF x LoA	-5,185	0,123	0,287
CHR16	904859	CHR16:904859	SSF x LoA	-10,928	-0,073	0,289
CHR16	904863	CHR16:904863	SSF x LoA	-8,411	0,066	0,282
CHR16	904899	CHR16:904899	SSF x LoA	-8,812	0,006	0,294
CHR16	927281	CHR16:927281	SSF x LoA	-9,796	-0,033	0,289
CHR16	927292	CHR16:927292	SSF x LoA	-9,082	0,047	0,288
CHR16	936060	CHR16:936060	SSF x LoA	-3,374	-0,002	0,297
CHR16	936104	CHR16:936104	SSF x LoA	-9,479	-0,092	0,270
CHR16	936107	CHR16:936107	SSF x LoA	-6,582	-0,206	0,271
CHR16	936170	CHR16:936170	SSF x LoA	-9,114	0,117	0,296
CHR16	936208	CHR16:936208	SSF x LoA	-9,013	-0,013	0,284
CHR16	936217	CHR16:936217	SSF x LoA	-11,728	0,035	0,295
CHR16	936265	CHR16:936265	SSF x LoA	-8,318	-0,023	0,305
CHR16	936294	CHR16:936294	SSF x LoA	-7,873	0,125	0,267
CHR16	936336	CHR16:936336	SSF x LoA	-10,719	0,033	0,296
CHR16	938674	CHR16:938674	SSF x LoA	-8,352	-0,073	0,280
CHR16	938690	CHR16:938690	SSF x LoA	-7,862	-0,085	0,291
CHR16	943899	CHR16:943899	SSF x LoA	-8,206	-0,003	0,301
CHR16	943988	CHR16:943988	SSF x LoA	-8,908	0,031	0,303
CHR16	966640	CHR16:966640	SSF x LoA	-6,600	-0,084	0,293

CHR16	966726	CHR16:966726	SSF x LoA	-9,454	-0,031	0,302
CHR16	966731	CHR16:966731	SSF x LoA	-6,880	-0,183	0,265
CHR16	966818	CHR16:966818	SSF x LoA	-9,065	-0,088	0,277
CHR16	986367	CHR16:986367	SSF x LoA	-7,406	-0,139	0,278
CHR16	986386	CHR16:986386	SSF x LoA	-7,572	0,120	0,284
CHR16	986394	CHR16:986394	SSF x LoA	-7,837	0,036	0,287
CHR16	986397	CHR16:986397	SSF x LoA	-7,670	0,054	0,289
CHR16	986404	CHR16:986404	SSF x LoA	-9,412	0,012	0,281
CHR16	986490	CHR16:986490	SSF x LoA	-8,713	0,009	0,296
CHR16	987617	CHR16:987617	SSF x LoA	-9,712	-0,092	0,296
CHR17	1E+07	CHR17:10003694	SSF x LoA	-7,438	-0,033	0,301
CHR17	1E+07	CHR17:10003806	SSF x LoA	-8,449	-0,019	0,295
CHR17	1E+07	CHR17:10003818	SSF x LoA	-6,560	0,052	0,306
CHR17	1E+07	CHR17:10020438	SSF x LoA	-8,545	0,118	0,284
CHR17	1E+07	CHR17:10020603	SSF x LoA	-9,146	0,031	0,298
CHR17	1E+07	CHR17:10020714	SSF x LoA	-9,254	-0,044	0,290
CHR17	1E+07	CHR17:10020737	SSF x LoA	-10,397	-0,001	0,290
CHR17	1003375	CHR17:1003375	SSF x LoA	-7,925	-0,098	0,288
CHR17	1003379	CHR17:1003379	SSF x LoA	-4,542	-0,079	0,290
CHR17	1003397	CHR17:1003397	SSF x LoA	-3,776	0,113	0,285
CHR17	1003467	CHR17:1003467	SSF x LoA	-10,013	-0,067	0,286
CHR17	1003539	CHR17:1003539	SSF x LoA	-9,001	-0,118	0,280
CHR17	1003599	CHR17:1003599	SSF x LoA	-10,718	-0,025	0,287
CHR17	1E+07	CHR17:10049686	SSF x LoA	-9,993	0,030	0,293
CHR17	1E+07	CHR17:10084826	SSF x LoA	-9,843	-0,085	0,299
CHR17	1E+07	CHR17:10092844	SSF x LoA	-10,723	-0,055	0,288
CHR17	1E+07	CHR17:10099946	SSF x LoA	-9,116	-0,043	0,292
CHR17	1E+07	CHR17:10099983	SSF x LoA	-9,974	0,063	0,291
CHR17	1E+07	CHR17:10108838	SSF x LoA	-8,213	-0,031	0,289
CHR17	1E+07	CHR17:10108876	SSF x LoA	-9,997	-0,018	0,281
CHR17	1E+07	CHR17:10108880	SSF x LoA	-9,791	-0,068	0,296
CHR17	1E+07	CHR17:10108903	SSF x LoA	-9,028	-0,071	0,298
CHR17	1E+07	CHR17:10109237	SSF x LoA	-10,257	-0,045	0,301
CHR17	1E+07	CHR17:10111030	SSF x LoA	-8,033	0,120	0,291
CHR17	1E+07	CHR17:10111036	SSF x LoA	-6,252	-0,124	0,283
CHR17	1E+07	CHR17:10125710	SSF x LoA	-4,175	0,183	0,283
CHR17	1E+07	CHR17:10125752	SSF x LoA	-7,664	-0,089	0,293
CHR17	1E+07	CHR17:10125754	SSF x LoA	-5,803	-0,086	0,292
CHR17	1E+07	CHR17:10125830	SSF x LoA	-11,412	0,012	0,286
CHR17	1E+07	CHR17:10125837	SSF x LoA	-10,928	-0,049	0,286
CHR17	1E+07	CHR17:10134370	SSF x LoA	-9,868	0,052	0,303
CHR17	1E+07	CHR17:10134402	SSF x LoA	-9,619	-0,007	0,290
CHR17	1E+07	CHR17:10134408	SSF x LoA	-8,682	0,017	0,300
CHR17	1E+07	CHR17:10134458	SSF x LoA	-6,222	-0,144	0,274
CHR17	1E+07	CHR17:10138242	SSF x LoA	-10,834	-0,039	0,290
CHR17	1E+07	CHR17:10138280	SSF x LoA	-10,839	0,025	0,272
CHR17	1E+07	CHR17:10142279	SSF x LoA	-10,106	0,100	0,290
CHR17	1E+07	CHR17:10142483	SSF x LoA	-8,885	0,150	0,280
CHR17	1E+07	CHR17:10159602	SSF x LoA	-7,855	-0,024	0,268
CHR17	1E+07	CHR17:10159713	SSF x LoA	-4,571	-0,068	0,294
CHR17	1E+07	CHR17:10159720	SSF x LoA	-5,533	0,139	0,280
CHR17	1E+07	CHR17:10159745	SSF x LoA	-10,665	-0,009	0,275
CHR17	1E+07	CHR17:10159797	SSF x LoA	-9,793	-0,014	0,299

CHR17	1E+07	CHR17:10161446	SSF x LoA	-6,945	0,056	0,286
CHR17	1E+07	CHR17:10165872	SSF x LoA	-7,519	-0,003	0,299
CHR17	1E+07	CHR17:10166734	SSF x LoA	-6,220	-0,089	0,296
CHR17	1E+07	CHR17:10166782	SSF x LoA	-10,679	-0,099	0,287
CHR17	1E+07	CHR17:10166783	SSF x LoA	-8,073	0,135	0,284
CHR17	1E+07	CHR17:10166812	SSF x LoA	-8,584	0,052	0,289
CHR17	1E+07	CHR17:10166819	SSF x LoA	-8,010	0,076	0,283
CHR17	1016792	CHR17:1016792	SSF x LoA	-8,999	0,105	0,285
CHR17	1016862	CHR17:1016862	SSF x LoA	-11,600	-0,017	0,275
CHR17	1016932	CHR17:1016932	SSF x LoA	-8,380	0,044	0,290
CHR17	1017091	CHR17:1017091	SSF x LoA	-8,390	0,089	0,299
CHR17	1017103	CHR17:1017103	SSF x LoA	-7,197	0,113	0,292
CHR17	1E+07	CHR17:10173761	SSF x LoA	-9,665	0,022	0,313
CHR17	1E+07	CHR17:10173784	SSF x LoA	-9,156	0,061	0,305
CHR17	1E+07	CHR17:10176135	SSF x LoA	-7,783	0,056	0,289
CHR17	1E+07	CHR17:10176203	SSF x LoA	-8,840	0,055	0,295
CHR17	1E+07	CHR17:10176323	SSF x LoA	-10,232	-0,015	0,278
CHR17	1E+07	CHR17:10176391	SSF x LoA	-7,466	0,078	0,296
CHR17	1E+07	CHR17:10176396	SSF x LoA	-8,837	-0,016	0,306
CHR17	1E+07	CHR17:10176463	SSF x LoA	-7,665	0,037	0,267
CHR17	1E+07	CHR17:10181653	SSF x LoA	-9,772	0,001	0,274
CHR17	1E+07	CHR17:10181677	SSF x LoA	-8,130	0,029	0,295
CHR17	1E+07	CHR17:10181688	SSF x LoA	-10,098	-0,051	0,303
CHR17	1E+07	CHR17:10181768	SSF x LoA	-11,322	0,032	0,289
CHR17	1E+07	CHR17:10181776	SSF x LoA	-10,860	-0,020	0,293
CHR17	1E+07	CHR17:10181788	SSF x LoA	-9,129	0,009	0,291
CHR17	1E+07	CHR17:10181920	SSF x LoA	-7,765	0,040	0,297
CHR17	1E+07	CHR17:10181921	SSF x LoA	-8,043	-0,070	0,292
CHR17	1E+07	CHR17:10181979	SSF x LoA	-2,997	-0,088	0,273
CHR17	1E+07	CHR17:10181981	SSF x LoA	-8,576	-0,012	0,261
CHR17	1E+07	CHR17:10182024	SSF x LoA	-6,420	-0,189	0,279
CHR17	1E+07	CHR17:10182048	SSF x LoA	-9,412	-0,099	0,275
CHR17	1E+07	CHR17:10184332	SSF x LoA	-1,830	-0,155	0,278
CHR17	1E+07	CHR17:10184342	SSF x LoA	-11,011	-0,050	0,282
CHR17	1E+07	CHR17:10184356	SSF x LoA	-10,490	0,079	0,287
CHR17	1E+07	CHR17:10184467	SSF x LoA	-3,474	-0,106	0,296
CHR17	1E+07	CHR17:10184552	SSF x LoA	-9,505	-0,042	0,292
CHR17	1E+07	CHR17:10192423	SSF x LoA	-7,842	-0,013	0,307
CHR17	1E+07	CHR17:10193443	SSF x LoA	-10,166	-0,041	0,292
CHR17	1E+07	CHR17:10193569	SSF x LoA	-8,770	0,103	0,291
CHR17	1E+07	CHR17:10193585	SSF x LoA	-10,633	0,001	0,286
CHR17	1E+07	CHR17:10193685	SSF x LoA	-10,108	0,060	0,296
CHR17	1E+07	CHR17:10193734	SSF x LoA	-8,479	-0,089	0,289
CHR17	1E+07	CHR17:10199136	SSF x LoA	-10,695	-0,026	0,288
CHR17	1E+07	CHR17:10199221	SSF x LoA	-1,551	0,153	0,281
CHR17	1E+07	CHR17:10199229	SSF x LoA	-3,235	-0,224	0,280
CHR17	1E+07	CHR17:10199412	SSF x LoA	-10,855	0,030	0,278
CHR17	1E+07	CHR17:10202226	SSF x LoA	-9,339	0,036	0,299
CHR17	1E+07	CHR17:10202231	SSF x LoA	-9,868	0,029	0,298
CHR17	1E+07	CHR17:10202466	SSF x LoA	-10,185	0,089	0,276
CHR17	1E+07	CHR17:10204287	SSF x LoA	-9,460	0,072	0,285
CHR17	1E+07	CHR17:10204389	SSF x LoA	-9,910	0,017	0,286
CHR17	1E+07	CHR17:10207409	SSF x LoA	-7,344	0,146	0,289

CHR17	1E+07	CHR17:10209429	SSF x LoA	-9,230	0,083	0,307
CHR17	1E+07	CHR17:10209443	SSF x LoA	-9,920	0,055	0,288
CHR17	1E+07	CHR17:10209491	SSF x LoA	-8,176	-0,103	0,285
CHR17	1E+07	CHR17:10209551	SSF x LoA	-9,189	-0,095	0,300
CHR17	1E+07	CHR17:10209579	SSF x LoA	-8,410	-0,072	0,303
CHR17	1E+07	CHR17:10209587	SSF x LoA	-9,408	0,074	0,290
CHR17	1E+07	CHR17:10209592	SSF x LoA	-7,737	-0,092	0,275
CHR17	1E+07	CHR17:10209605	SSF x LoA	-9,730	0,114	0,287
CHR17	1E+07	CHR17:10209614	SSF x LoA	-8,258	-0,003	0,289
CHR17	1021021	CHR17:1021021	SSF x LoA	-6,047	0,128	0,278
CHR17	1E+07	CHR17:10212203	SSF x LoA	-1,124	0,250	0,257
CHR17	1E+07	CHR17:10212321	SSF x LoA	-7,446	-0,195	0,281
CHR17	1E+07	CHR17:10216142	SSF x LoA	-9,125	0,019	0,287
CHR17	1E+07	CHR17:10216227	SSF x LoA	-4,595	-0,106	0,289
CHR17	1E+07	CHR17:10216305	SSF x LoA	-8,873	-0,196	0,276
CHR17	1E+07	CHR17:10216312	SSF x LoA	-9,593	-0,120	0,293
CHR17	1E+07	CHR17:10216383	SSF x LoA	-8,236	-0,051	0,288
CHR17	1E+07	CHR17:10222566	SSF x LoA	-5,395	0,056	0,294
CHR17	1E+07	CHR17:10232681	SSF x LoA	-9,522	0,011	0,288
CHR17	1E+07	CHR17:10233049	SSF x LoA	-8,225	-0,071	0,281
CHR17	1E+07	CHR17:10233100	SSF x LoA	-9,504	0,102	0,282
CHR17	1E+07	CHR17:10236654	SSF x LoA	-10,247	-0,004	0,288
CHR17	1E+07	CHR17:10236749	SSF x LoA	-4,934	0,170	0,294
CHR17	1E+07	CHR17:10236751	SSF x LoA	-7,593	0,120	0,295
CHR17	1E+07	CHR17:10236803	SSF x LoA	-8,490	-0,084	0,277
CHR17	1E+07	CHR17:10236995	SSF x LoA	1,720	-0,005	0,296
CHR17	1E+07	CHR17:10247024	SSF x LoA	-10,147	0,053	0,308
CHR17	1E+07	CHR17:10247782	SSF x LoA	-9,625	0,114	0,285
CHR17	1E+07	CHR17:10247784	SSF x LoA	-8,893	0,043	0,292
CHR17	1E+07	CHR17:10247960	SSF x LoA	-11,314	0,003	0,289
CHR17	1E+07	CHR17:10248298	SSF x LoA	-9,948	-0,075	0,293
CHR17	1E+07	CHR17:10248426	SSF x LoA	-10,182	-0,020	0,300
CHR17	1E+07	CHR17:10259544	SSF x LoA	-7,149	0,111	0,289
CHR17	1E+07	CHR17:10259554	SSF x LoA	-8,502	-0,026	0,296
CHR17	1E+07	CHR17:10259555	SSF x LoA	-6,930	0,033	0,311
CHR17	1E+07	CHR17:10259633	SSF x LoA	-9,164	0,011	0,283
CHR17	1E+07	CHR17:10265764	SSF x LoA	-10,990	-0,055	0,299
CHR17	1E+07	CHR17:10277420	SSF x LoA	-9,224	-0,092	0,291
CHR17	1E+07	CHR17:10277431	SSF x LoA	-10,464	-0,011	0,278
CHR17	1E+07	CHR17:10277486	SSF x LoA	-9,963	0,041	0,289
CHR17	1E+07	CHR17:10277501	SSF x LoA	-4,370	-0,002	0,295
CHR17	1E+07	CHR17:10277506	SSF x LoA	-6,253	-0,142	0,296
CHR17	1E+07	CHR17:10277594	SSF x LoA	-6,812	0,056	0,279
CHR17	1E+07	CHR17:10277652	SSF x LoA	-10,495	-0,048	0,292
CHR17	1E+07	CHR17:10277707	SSF x LoA	-9,996	-0,087	0,298
CHR17	1E+07	CHR17:10277720	SSF x LoA	-10,311	-0,057	0,297
CHR17	1E+07	CHR17:10277724	SSF x LoA	-7,383	0,012	0,276
CHR17	1E+07	CHR17:10280353	SSF x LoA	-10,339	-0,041	0,281
CHR17	1E+07	CHR17:10280384	SSF x LoA	-7,835	-0,085	0,308
CHR17	1E+07	CHR17:10280465	SSF x LoA	-8,399	0,022	0,290
CHR17	1E+07	CHR17:10280485	SSF x LoA	-10,074	-0,089	0,288
CHR17	1E+07	CHR17:10280615	SSF x LoA	-7,692	-0,039	0,301
CHR17	1E+07	CHR17:10280630	SSF x LoA	-9,931	-0,065	0,299

CHR17	1E+07	CHR17:10285722	SSF x LoA	-8,741	0,017	0,293
CHR17	1E+07	CHR17:10285839	SSF x LoA	-5,775	0,135	0,299
CHR17	1E+07	CHR17:10286968	SSF x LoA	-8,334	0,026	0,298
CHR17	1E+07	CHR17:10289719	SSF x LoA	-10,865	0,060	0,282
CHR17	1E+07	CHR17:10293700	SSF x LoA	-9,537	0,018	0,294
CHR17	1E+07	CHR17:10293848	SSF x LoA	-8,961	-0,001	0,294
CHR17	1E+07	CHR17:10293874	SSF x LoA	-9,424	-0,106	0,283
CHR17	1E+07	CHR17:10293895	SSF x LoA	-8,829	-0,040	0,303
CHR17	1E+07	CHR17:10293896	SSF x LoA	-10,652	-0,034	0,294
CHR17	1E+07	CHR17:10293898	SSF x LoA	-10,549	0,001	0,298
CHR17	1E+07	CHR17:10293964	SSF x LoA	-11,129	0,035	0,283
CHR17	1E+07	CHR17:10294055	SSF x LoA	-7,885	-0,052	0,284
CHR17	1E+07	CHR17:10297717	SSF x LoA	-9,496	0,009	0,293
CHR17	1E+07	CHR17:10297792	SSF x LoA	-8,412	-0,069	0,293
CHR17	1E+07	CHR17:10297804	SSF x LoA	-10,861	0,059	0,279
CHR17	1E+07	CHR17:10297939	SSF x LoA	-8,355	0,040	0,300
CHR17	1E+07	CHR17:10297999	SSF x LoA	-8,038	-0,164	0,280
CHR17	1E+07	CHR17:10298001	SSF x LoA	-8,096	-0,135	0,273
CHR17	1E+07	CHR17:10298037	SSF x LoA	-8,560	-0,210	0,265
CHR17	1E+07	CHR17:10298050	SSF x LoA	-8,754	0,057	0,293
CHR17	1E+07	CHR17:10298053	SSF x LoA	-9,556	0,100	0,279
CHR17	1033950	CHR17:1033950	SSF x LoA	-8,482	-0,083	0,284
CHR17	1034120	CHR17:1034120	SSF x LoA	-4,303	0,199	0,286
CHR17	1034165	CHR17:1034165	SSF x LoA	-5,215	-0,183	0,269
CHR17	1E+07	CHR17:10346118	SSF x LoA	-11,243	-0,046	0,298
CHR17	1E+07	CHR17:10346238	SSF x LoA	-7,749	-0,089	0,292
CHR17	1E+07	CHR17:10346307	SSF x LoA	-5,716	-0,030	0,294
CHR17	1E+07	CHR17:10346511	SSF x LoA	-7,364	-0,025	0,299
CHR17	1E+07	CHR17:10349921	SSF x LoA	-8,702	-0,028	0,294
CHR17	1E+07	CHR17:10349999	SSF x LoA	-7,884	0,146	0,272
CHR17	1E+07	CHR17:10350047	SSF x LoA	-8,382	-0,043	0,289
CHR17	1E+07	CHR17:10350058	SSF x LoA	-8,681	-0,050	0,289
CHR17	1E+07	CHR17:10361798	SSF x LoA	-9,505	-0,092	0,276
CHR17	1E+07	CHR17:10361902	SSF x LoA	-5,203	-0,193	0,268
CHR17	1E+07	CHR17:10361927	SSF x LoA	-8,103	0,169	0,278
CHR17	1E+07	CHR17:10362028	SSF x LoA	-9,770	-0,089	0,286
CHR17	1E+07	CHR17:10362053	SSF x LoA	-8,418	-0,083	0,286
CHR17	1E+07	CHR17:10362063	SSF x LoA	-9,483	-0,038	0,283
CHR17	1E+07	CHR17:10362071	SSF x LoA	-1,599	-0,120	0,292
CHR17	1E+07	CHR17:10363567	SSF x LoA	-8,569	0,061	0,294
CHR17	1E+07	CHR17:10363635	SSF x LoA	-10,679	0,031	0,276
CHR17	1E+07	CHR17:10379596	SSF x LoA	-8,792	-0,075	0,295
CHR17	1E+07	CHR17:10379666	SSF x LoA	-9,241	-0,150	0,275
CHR17	1E+07	CHR17:10379764	SSF x LoA	3,716	-0,079	0,278
CHR17	1E+07	CHR17:10382601	SSF x LoA	-6,101	-0,012	0,290
CHR17	1E+07	CHR17:10382619	SSF x LoA	-7,891	-0,055	0,288
CHR17	1E+07	CHR17:10382690	SSF x LoA	-10,811	-0,017	0,280
CHR17	1E+07	CHR17:10382730	SSF x LoA	-8,539	0,099	0,287
CHR17	1E+07	CHR17:10382783	SSF x LoA	-7,310	-0,067	0,296
CHR17	1038392	CHR17:1038392	SSF x LoA	-9,069	-0,034	0,297
CHR17	1038400	CHR17:1038400	SSF x LoA	-9,588	-0,124	0,275
CHR17	1038418	CHR17:1038418	SSF x LoA	-8,629	0,122	0,287
CHR17	1038444	CHR17:1038444	SSF x LoA	-9,429	-0,163	0,271

CHR17	1038475	CHR17:1038475	SSF x LoA	-8,705	0,088	0,297
CHR17	1038518	CHR17:1038518	SSF x LoA	-7,687	0,076	0,272
CHR17	1038528	CHR17:1038528	SSF x LoA	-9,116	0,060	0,293
CHR17	1E+07	CHR17:10386823	SSF x LoA	-8,931	-0,028	0,274
CHR17	1E+07	CHR17:10393812	SSF x LoA	-9,100	-0,152	0,296
CHR17	1E+07	CHR17:10393856	SSF x LoA	-11,690	-0,027	0,292
CHR17	1E+07	CHR17:10393975	SSF x LoA	-7,892	-0,053	0,287
CHR17	1E+07	CHR17:10394025	SSF x LoA	-5,216	-0,153	0,278
CHR17	1E+07	CHR17:10394062	SSF x LoA	-9,507	-0,005	0,286
CHR17	1E+07	CHR17:10394069	SSF x LoA	-8,218	-0,101	0,274
CHR17	1E+07	CHR17:10394083	SSF x LoA	-7,990	-0,210	0,260
CHR17	1E+07	CHR17:10394119	SSF x LoA	-7,444	-0,112	0,275
CHR17	1E+07	CHR17:10396133	SSF x LoA	-8,900	0,111	0,288
CHR17	1E+07	CHR17:10397159	SSF x LoA	-9,409	-0,003	0,290
CHR17	1E+07	CHR17:10397269	SSF x LoA	-8,438	0,032	0,279
CHR17	1E+07	CHR17:10397405	SSF x LoA	-9,609	0,038	0,286
CHR17	1E+07	CHR17:10397496	SSF x LoA	-8,774	0,028	0,285
CHR17	1E+07	CHR17:10401425	SSF x LoA	-8,052	-0,028	0,284
CHR17	1E+07	CHR17:10401454	SSF x LoA	-7,665	0,009	0,288
CHR17	1E+07	CHR17:10401463	SSF x LoA	-9,155	0,013	0,297
CHR17	1E+07	CHR17:10401515	SSF x LoA	-10,588	-0,003	0,284
CHR17	1E+07	CHR17:10401631	SSF x LoA	-6,619	0,130	0,299
CHR17	1E+07	CHR17:10401653	SSF x LoA	-8,887	0,080	0,297
CHR17	1E+07	CHR17:10401735	SSF x LoA	-7,676	0,030	0,287
CHR17	1E+07	CHR17:10401742	SSF x LoA	-8,673	0,008	0,298
CHR17	1E+07	CHR17:10401778	SSF x LoA	-7,459	-0,057	0,279
CHR17	1E+07	CHR17:10403822	SSF x LoA	-4,883	0,075	0,297
CHR17	1E+07	CHR17:10403825	SSF x LoA	-8,289	0,033	0,297
CHR17	1E+07	CHR17:10403843	SSF x LoA	-4,696	0,237	0,264
CHR17	1E+07	CHR17:10403862	SSF x LoA	-9,686	0,040	0,280
CHR17	1E+07	CHR17:10403866	SSF x LoA	-7,306	0,104	0,293
CHR17	1E+07	CHR17:10403892	SSF x LoA	-9,428	-0,105	0,292
CHR17	1E+07	CHR17:10403965	SSF x LoA	-10,681	-0,055	0,286
CHR17	1E+07	CHR17:10415184	SSF x LoA	-8,147	0,012	0,280
CHR17	1E+07	CHR17:10415667	SSF x LoA	-8,861	0,010	0,299
CHR17	1E+07	CHR17:10419915	SSF x LoA	-8,198	-0,052	0,282
CHR17	1E+07	CHR17:10419923	SSF x LoA	-10,214	0,092	0,271
CHR17	1E+07	CHR17:10425134	SSF x LoA	-7,453	-0,045	0,290
CHR17	1E+07	CHR17:10425160	SSF x LoA	-10,631	-0,032	0,290
CHR17	1E+07	CHR17:10425161	SSF x LoA	-11,262	-0,025	0,281
CHR17	1E+07	CHR17:10428032	SSF x LoA	-9,820	0,143	0,287
CHR17	1E+07	CHR17:10428137	SSF x LoA	-11,452	0,000	0,294
CHR17	1E+07	CHR17:10428229	SSF x LoA	-8,213	0,044	0,292
CHR17	1E+07	CHR17:10428235	SSF x LoA	-5,793	0,054	0,278
CHR17	1E+07	CHR17:10428244	SSF x LoA	-8,012	0,075	0,275
CHR17	1E+07	CHR17:10434486	SSF x LoA	-7,955	-0,041	0,289
CHR17	1E+07	CHR17:10434568	SSF x LoA	-10,348	-0,012	0,293
CHR17	1E+07	CHR17:10434593	SSF x LoA	-8,577	0,175	0,286
CHR17	1E+07	CHR17:10434787	SSF x LoA	-8,149	-0,112	0,294
CHR17	1E+07	CHR17:10445441	SSF x LoA	-4,125	-0,043	0,305
CHR17	1E+07	CHR17:10445490	SSF x LoA	-8,692	-0,038	0,293
CHR17	1E+07	CHR17:10445703	SSF x LoA	-7,265	0,093	0,299
CHR17	1E+07	CHR17:10445704	SSF x LoA	-5,701	0,121	0,289

CHR17	1E+07	CHR17:10445716	SSF x LoA	-8,704	0,028	0,295
CHR17	1E+07	CHR17:10445751	SSF x LoA	-8,904	-0,028	0,283
CHR17	1044922	CHR17:1044922	SSF x LoA	-9,003	-0,029	0,304
CHR17	1044963	CHR17:1044963	SSF x LoA	-5,723	-0,155	0,286
CHR17	1045017	CHR17:1045017	SSF x LoA	-10,699	-0,092	0,291
CHR17	1045041	CHR17:1045041	SSF x LoA	-4,964	0,179	0,271
CHR17	1045077	CHR17:1045077	SSF x LoA	-5,610	0,169	0,293
CHR17	1E+07	CHR17:10454005	SSF x LoA	-7,282	0,064	0,291
CHR17	1E+07	CHR17:10454006	SSF x LoA	-11,117	0,039	0,283
CHR17	1E+07	CHR17:10454021	SSF x LoA	-7,214	0,078	0,292
CHR17	1E+07	CHR17:10454045	SSF x LoA	-10,976	0,035	0,282
CHR17	1E+07	CHR17:10454150	SSF x LoA	-10,893	-0,003	0,274
CHR17	1E+07	CHR17:10458550	SSF x LoA	-10,060	0,028	0,284
CHR17	1E+07	CHR17:10458568	SSF x LoA	-11,154	0,001	0,295
CHR17	1E+07	CHR17:10458651	SSF x LoA	-7,082	-0,080	0,287
CHR17	1E+07	CHR17:10458923	SSF x LoA	-9,366	-0,082	0,279
CHR17	1E+07	CHR17:10481986	SSF x LoA	1,392	0,244	0,292
CHR17	1048874	CHR17:1048874	SSF x LoA	-10,063	-0,019	0,278
CHR17	1048928	CHR17:1048928	SSF x LoA	-9,907	-0,099	0,279
CHR17	1048931	CHR17:1048931	SSF x LoA	-4,579	0,198	0,280
CHR17	1048948	CHR17:1048948	SSF x LoA	-7,840	0,021	0,300
CHR17	1048976	CHR17:1048976	SSF x LoA	-8,903	0,002	0,290
CHR17	1048983	CHR17:1048983	SSF x LoA	-8,715	-0,003	0,296
CHR17	1048986	CHR17:1048986	SSF x LoA	-9,381	0,010	0,283
CHR17	1048991	CHR17:1048991	SSF x LoA	-5,281	0,165	0,274
CHR17	1049007	CHR17:1049007	SSF x LoA	-7,796	-0,013	0,288
CHR17	1049043	CHR17:1049043	SSF x LoA	-8,348	-0,002	0,281
CHR17	1049060	CHR17:1049060	SSF x LoA	-1,920	0,007	0,306
CHR17	1049072	CHR17:1049072	SSF x LoA	-6,213	0,100	0,281
CHR17	1E+07	CHR17:10491037	SSF x LoA	-6,776	0,145	0,299
CHR17	1E+07	CHR17:10491134	SSF x LoA	-10,391	0,003	0,300
CHR17	1E+07	CHR17:10491501	SSF x LoA	-7,116	0,059	0,303
CHR17	1E+07	CHR17:10491555	SSF x LoA	-10,033	-0,096	0,287
CHR17	1E+07	CHR17:10494017	SSF x LoA	-10,324	0,038	0,292
CHR17	10502204	CHR17:10502204	SSF x LoA	-7,957	0,034	0,300
CHR17	10502316	CHR17:10502316	SSF x LoA	-8,365	0,012	0,279
CHR17	10512726	CHR17:10512726	SSF x LoA	-9,481	-0,097	0,287
CHR17	10512788	CHR17:10512788	SSF x LoA	-9,889	-0,030	0,292
CHR17	10549755	CHR17:10549755	SSF x LoA	-9,406	0,030	0,289
CHR17	10549885	CHR17:10549885	SSF x LoA	-5,660	0,001	0,295
CHR17	10553644	CHR17:10553644	SSF x LoA	-6,643	0,182	0,269
CHR17	10553661	CHR17:10553661	SSF x LoA	-3,872	0,168	0,289
CHR17	10553665	CHR17:10553665	SSF x LoA	-4,624	0,175	0,290
CHR17	10553686	CHR17:10553686	SSF x LoA	7,628	0,137	0,275
CHR17	10553695	CHR17:10553695	SSF x LoA	-3,374	0,183	0,273
CHR17	10557579	CHR17:10557579	SSF x LoA	-8,044	-0,172	0,278
CHR17	10557610	CHR17:10557610	SSF x LoA	-9,474	-0,059	0,306
CHR17	10557682	CHR17:10557682	SSF x LoA	-9,685	-0,079	0,273
CHR17	10557700	CHR17:10557700	SSF x LoA	-8,925	-0,021	0,287
CHR17	10557813	CHR17:10557813	SSF x LoA	-9,651	0,072	0,282
CHR17	10557842	CHR17:10557842	SSF x LoA	-7,923	0,112	0,293
CHR17	10557858	CHR17:10557858	SSF x LoA	-8,612	0,081	0,294
CHR17	10557900	CHR17:10557900	SSF x LoA	-9,222	-0,054	0,275

CHR17	10572277	CHR17:10572277	SSF x LoA	-1,081	0,058	0,297
CHR17	10572643	CHR17:10572643	SSF x LoA	-7,583	0,090	0,295
CHR17	10583099	CHR17:10583099	SSF x LoA	-8,356	0,014	0,288
CHR17	10583160	CHR17:10583160	SSF x LoA	-6,978	0,053	0,287
CHR17	10583252	CHR17:10583252	SSF x LoA	-9,895	-0,091	0,279
CHR17	10583262	CHR17:10583262	SSF x LoA	-10,171	-0,060	0,277
CHR17	10585609	CHR17:10585609	SSF x LoA	-7,559	-0,157	0,268
CHR17	10585924	CHR17:10585924	SSF x LoA	-10,146	-0,106	0,283
CHR17	10589632	CHR17:10589632	SSF x LoA	-6,910	-0,070	0,288
CHR17	10589650	CHR17:10589650	SSF x LoA	-7,246	0,060	0,292
CHR17	10600964	CHR17:10600964	SSF x LoA	-9,679	0,046	0,285
CHR17	10601574	CHR17:10601574	SSF x LoA	-6,910	-0,023	0,288
CHR17	10601610	CHR17:10601610	SSF x LoA	-8,582	0,021	0,291
CHR17	10604570	CHR17:10604570	SSF x LoA	-7,496	-0,205	0,283
CHR17	10604677	CHR17:10604677	SSF x LoA	-6,989	0,151	0,283
CHR17	10604784	CHR17:10604784	SSF x LoA	-11,807	-0,059	0,273
CHR17	1061131	CHR17:1061131	SSF x LoA	-6,395	0,129	0,303
CHR17	10625723	CHR17:10625723	SSF x LoA	-3,422	-0,155	0,296
CHR17	10634788	CHR17:10634788	SSF x LoA	-9,968	-0,002	0,295
CHR17	10634789	CHR17:10634789	SSF x LoA	-6,308	0,107	0,296
CHR17	10634869	CHR17:10634869	SSF x LoA	-8,175	0,056	0,288
CHR17	10634913	CHR17:10634913	SSF x LoA	-8,884	-0,012	0,288
CHR17	10634992	CHR17:10634992	SSF x LoA	-9,617	0,061	0,290
CHR17	10643354	CHR17:10643354	SSF x LoA	-10,461	-0,032	0,270
CHR17	10643451	CHR17:10643451	SSF x LoA	-7,985	0,078	0,296
CHR17	10643467	CHR17:10643467	SSF x LoA	-8,668	-0,001	0,292
CHR17	10643496	CHR17:10643496	SSF x LoA	-9,344	-0,142	0,279
CHR17	10645149	CHR17:10645149	SSF x LoA	-8,296	0,069	0,284
CHR17	10645213	CHR17:10645213	SSF x LoA	-8,332	0,045	0,280
CHR17	10645231	CHR17:10645231	SSF x LoA	-8,437	0,135	0,289
CHR17	10645408	CHR17:10645408	SSF x LoA	-9,325	-0,087	0,283
CHR17	10649377	CHR17:10649377	SSF x LoA	-9,532	-0,094	0,278
CHR17	10649443	CHR17:10649443	SSF x LoA	-8,378	-0,105	0,280
CHR17	10649448	CHR17:10649448	SSF x LoA	-10,210	0,050	0,292
CHR17	10649609	CHR17:10649609	SSF x LoA	-10,493	-0,004	0,291
CHR17	10649617	CHR17:10649617	SSF x LoA	-8,150	-0,080	0,285
CHR17	10649635	CHR17:10649635	SSF x LoA	-6,225	-0,021	0,293
CHR17	10649694	CHR17:10649694	SSF x LoA	-10,257	0,039	0,286
CHR17	10649707	CHR17:10649707	SSF x LoA	-8,937	-0,084	0,276
CHR17	10650434	CHR17:10650434	SSF x LoA	-4,655	0,149	0,286
CHR17	10650471	CHR17:10650471	SSF x LoA	-8,179	-0,130	0,282
CHR17	10650505	CHR17:10650505	SSF x LoA	-7,403	-0,108	0,298
CHR17	10650567	CHR17:10650567	SSF x LoA	-7,393	-0,090	0,285
CHR17	10650583	CHR17:10650583	SSF x LoA	-9,721	-0,155	0,285
CHR17	10670427	CHR17:10670427	SSF x LoA	-6,725	0,084	0,289
CHR17	10670440	CHR17:10670440	SSF x LoA	-8,000	0,022	0,277
CHR17	10670485	CHR17:10670485	SSF x LoA	-9,429	-0,089	0,284
CHR17	10672149	CHR17:10672149	SSF x LoA	-9,256	0,017	0,278
CHR17	10672155	CHR17:10672155	SSF x LoA	-8,029	0,024	0,307
CHR17	10672163	CHR17:10672163	SSF x LoA	-8,746	0,047	0,280
CHR17	10672166	CHR17:10672166	SSF x LoA	-9,312	0,020	0,268
CHR17	10672219	CHR17:10672219	SSF x LoA	-8,972	-0,047	0,290
CHR17	10672259	CHR17:10672259	SSF x LoA	-10,389	0,050	0,294

CHR17	10672318	CHR17:10672318	SSF x LoA	-8,841	0,072	0,294
CHR17	10672337	CHR17:10672337	SSF x LoA	-9,773	-0,153	0,283
CHR17	10672351	CHR17:10672351	SSF x LoA	-7,866	-0,101	0,284
CHR17	10672410	CHR17:10672410	SSF x LoA	-8,663	0,016	0,282
CHR17	10672441	CHR17:10672441	SSF x LoA	-9,456	-0,057	0,299
CHR17	10672452	CHR17:10672452	SSF x LoA	-9,841	-0,055	0,279
CHR17	10672457	CHR17:10672457	SSF x LoA	-7,946	0,066	0,300
CHR17	10672471	CHR17:10672471	SSF x LoA	-6,864	0,087	0,297
CHR17	10678195	CHR17:10678195	SSF x LoA	4,131	0,098	0,294
CHR17	10678272	CHR17:10678272	SSF x LoA	-3,885	-0,200	0,257
CHR17	10678324	CHR17:10678324	SSF x LoA	-8,518	0,140	0,274
CHR17	1068103	CHR17:1068103	SSF x LoA	-4,409	0,071	0,287
CHR17	1068113	CHR17:1068113	SSF x LoA	-8,924	0,009	0,295
CHR17	1068118	CHR17:1068118	SSF x LoA	-7,474	-0,185	0,272
CHR17	10684733	CHR17:10684733	SSF x LoA	-7,290	-0,012	0,279
CHR17	10684787	CHR17:10684787	SSF x LoA	-10,430	-0,057	0,291
CHR17	10684948	CHR17:10684948	SSF x LoA	-3,506	-0,227	0,266
CHR17	10684957	CHR17:10684957	SSF x LoA	-5,662	-0,140	0,285
CHR17	10685045	CHR17:10685045	SSF x LoA	-8,682	-0,056	0,279
CHR17	10686080	CHR17:10686080	SSF x LoA	-9,424	-0,132	0,275
CHR17	10686137	CHR17:10686137	SSF x LoA	-6,394	0,108	0,289
CHR17	10686222	CHR17:10686222	SSF x LoA	-11,025	0,060	0,286
CHR17	10691736	CHR17:10691736	SSF x LoA	-9,759	-0,054	0,283
CHR17	10691773	CHR17:10691773	SSF x LoA	-8,853	-0,113	0,287
CHR17	10691814	CHR17:10691814	SSF x LoA	4,657	0,186	0,284
CHR17	10691817	CHR17:10691817	SSF x LoA	-8,274	-0,088	0,291
CHR17	10691819	CHR17:10691819	SSF x LoA	-10,075	0,077	0,280
CHR17	10697961	CHR17:10697961	SSF x LoA	-10,537	0,043	0,286
CHR17	10697988	CHR17:10697988	SSF x LoA	-8,832	0,034	0,274
CHR17	10698223	CHR17:10698223	SSF x LoA	-8,743	0,015	0,285
CHR17	10704242	CHR17:10704242	SSF x LoA	-8,393	0,127	0,292
CHR17	10704368	CHR17:10704368	SSF x LoA	-9,599	-0,099	0,289
CHR17	10704388	CHR17:10704388	SSF x LoA	-6,085	0,076	0,299
CHR17	10704516	CHR17:10704516	SSF x LoA	-7,832	0,011	0,294
CHR17	10704519	CHR17:10704519	SSF x LoA	-8,583	0,028	0,277
CHR17	10704586	CHR17:10704586	SSF x LoA	-9,505	0,058	0,281
CHR17	10716023	CHR17:10716023	SSF x LoA	-7,799	0,001	0,293
CHR17	10716103	CHR17:10716103	SSF x LoA	-8,319	0,059	0,285
CHR17	10716145	CHR17:10716145	SSF x LoA	-9,751	-0,080	0,294
CHR17	10716150	CHR17:10716150	SSF x LoA	-7,738	0,037	0,300
CHR17	10716157	CHR17:10716157	SSF x LoA	-9,387	0,011	0,292
CHR17	10716163	CHR17:10716163	SSF x LoA	-8,804	-0,135	0,287
CHR17	10716164	CHR17:10716164	SSF x LoA	-9,248	-0,092	0,295
CHR17	10716256	CHR17:10716256	SSF x LoA	-7,782	-0,039	0,273
CHR17	10716292	CHR17:10716292	SSF x LoA	-7,815	0,111	0,284
CHR17	10716296	CHR17:10716296	SSF x LoA	-8,331	0,075	0,295
CHR17	10716379	CHR17:10716379	SSF x LoA	-9,296	-0,053	0,291
CHR17	10730257	CHR17:10730257	SSF x LoA	-9,654	-0,023	0,295
CHR17	10730330	CHR17:10730330	SSF x LoA	-8,856	-0,039	0,270
CHR17	10730369	CHR17:10730369	SSF x LoA	-6,454	-0,177	0,284
CHR17	10730380	CHR17:10730380	SSF x LoA	-8,498	-0,035	0,288
CHR17	10730510	CHR17:10730510	SSF x LoA	-5,466	-0,106	0,284
CHR17	10730514	CHR17:10730514	SSF x LoA	-10,226	-0,057	0,291

CHR17	10730545	CHR17:10730545	SSF x LoA	-7,736	0,033	0,296
CHR17	10736510	CHR17:10736510	SSF x LoA	-9,243	0,031	0,271
CHR17	10736526	CHR17:10736526	SSF x LoA	-7,836	0,115	0,277
CHR17	10760270	CHR17:10760270	SSF x LoA	-7,346	-0,005	0,303
CHR17	10760349	CHR17:10760349	SSF x LoA	-7,010	-0,078	0,294
CHR17	10760485	CHR17:10760485	SSF x LoA	-10,237	0,011	0,285
CHR17	10760591	CHR17:10760591	SSF x LoA	-8,231	0,050	0,296
CHR17	10760666	CHR17:10760666	SSF x LoA	-6,193	-0,070	0,289
CHR17	10771732	CHR17:10771732	SSF x LoA	-2,330	0,109	0,264
CHR17	10771875	CHR17:10771875	SSF x LoA	-6,284	0,043	0,289
CHR17	10771952	CHR17:10771952	SSF x LoA	-8,571	0,155	0,274
CHR17	10771975	CHR17:10771975	SSF x LoA	-9,146	0,099	0,286
CHR17	10771995	CHR17:10771995	SSF x LoA	-3,568	0,114	0,285
CHR17	10772032	CHR17:10772032	SSF x LoA	-9,069	0,004	0,267
CHR17	10772046	CHR17:10772046	SSF x LoA	-7,441	-0,159	0,282
CHR17	10772054	CHR17:10772054	SSF x LoA	-8,147	0,117	0,273
CHR17	10772146	CHR17:10772146	SSF x LoA	-10,043	-0,022	0,275
CHR17	10780422	CHR17:10780422	SSF x LoA	-8,169	-0,102	0,295
CHR17	10780452	CHR17:10780452	SSF x LoA	-9,941	0,012	0,280
CHR17	10780642	CHR17:10780642	SSF x LoA	-7,608	0,120	0,286
CHR17	10783545	CHR17:10783545	SSF x LoA	-9,119	-0,008	0,281
CHR17	10783613	CHR17:10783613	SSF x LoA	-9,601	0,083	0,284
CHR17	10783647	CHR17:10783647	SSF x LoA	-10,677	0,058	0,287
CHR17	10783685	CHR17:10783685	SSF x LoA	-9,342	0,037	0,290
CHR17	10783688	CHR17:10783688	SSF x LoA	-8,132	0,163	0,299
CHR17	10783711	CHR17:10783711	SSF x LoA	-10,018	0,031	0,293
CHR17	10783720	CHR17:10783720	SSF x LoA	-8,121	0,070	0,295
CHR17	10788911	CHR17:10788911	SSF x LoA	-10,383	0,011	0,311
CHR17	10790395	CHR17:10790395	SSF x LoA	-8,945	0,031	0,290
CHR17	10790614	CHR17:10790614	SSF x LoA	-11,034	0,027	0,293
CHR17	10790633	CHR17:10790633	SSF x LoA	-8,963	0,088	0,292
CHR17	10790666	CHR17:10790666	SSF x LoA	-7,014	0,036	0,286
CHR17	10790676	CHR17:10790676	SSF x LoA	-8,089	-0,002	0,293
CHR17	10792769	CHR17:10792769	SSF x LoA	3,671	-0,065	0,306
CHR17	108362	CHR17:108362	SSF x LoA	-8,455	0,005	0,292
CHR17	10868266	CHR17:10868266	SSF x LoA	-8,636	-0,185	0,286
CHR17	10868281	CHR17:10868281	SSF x LoA	-8,412	-0,135	0,272
CHR17	10868536	CHR17:10868536	SSF x LoA	-9,283	-0,056	0,294
CHR17	10875615	CHR17:10875615	SSF x LoA	-8,671	-0,027	0,298
CHR17	10875658	CHR17:10875658	SSF x LoA	-7,345	0,098	0,293
CHR17	10875773	CHR17:10875773	SSF x LoA	-8,519	0,019	0,274
CHR17	10875842	CHR17:10875842	SSF x LoA	-7,829	0,052	0,291
CHR17	10878237	CHR17:10878237	SSF x LoA	-7,293	0,124	0,287
CHR17	10878250	CHR17:10878250	SSF x LoA	-8,023	0,121	0,282
CHR17	10878256	CHR17:10878256	SSF x LoA	-9,950	0,030	0,282
CHR17	10887806	CHR17:10887806	SSF x LoA	-5,698	-0,136	0,276
CHR17	10892509	CHR17:10892509	SSF x LoA	-9,489	0,015	0,293
CHR17	10892521	CHR17:10892521	SSF x LoA	-7,610	-0,064	0,292
CHR17	10892543	CHR17:10892543	SSF x LoA	-9,003	0,010	0,299
CHR17	10897278	CHR17:10897278	SSF x LoA	-5,625	0,165	0,288
CHR17	10897350	CHR17:10897350	SSF x LoA	-8,760	0,170	0,291
CHR17	10897419	CHR17:10897419	SSF x LoA	-10,445	0,004	0,286
CHR17	10897507	CHR17:10897507	SSF x LoA	-8,978	0,082	0,277

CHR17	10904179	CHR17:1090417	SSF x LoA	-8,377	-0,001	0,290
CHR17	10919065	CHR17:1091906	SSF x LoA	-8,857	-0,007	0,285
CHR17	10929065	CHR17:1092906	SSF x LoA	-10,852	-0,116	0,284
CHR17	10929140	CHR17:1092914	SSF x LoA	-9,407	0,013	0,286
CHR17	10929186	CHR17:1092918	SSF x LoA	-4,145	0,216	0,282
CHR17	10937677	CHR17:1093767	SSF x LoA	-7,789	-0,031	0,291
CHR17	10937689	CHR17:1093768	SSF x LoA	-6,940	-0,056	0,293
CHR17	10937716	CHR17:1093771	SSF x LoA	-9,059	-0,097	0,294
CHR17	10937839	CHR17:1093783	SSF x LoA	-5,972	-0,138	0,272
CHR17	10937927	CHR17:1093792	SSF x LoA	-6,960	0,192	0,273
CHR17	10949831	CHR17:1094983	SSF x LoA	-2,649	-0,051	0,287
CHR17	10950812	CHR17:1095081	SSF x LoA	-10,505	-0,061	0,285
CHR17	10950852	CHR17:1095085	SSF x LoA	-7,481	-0,197	0,284
CHR17	10950939	CHR17:1095093	SSF x LoA	-7,308	0,126	0,287
CHR17	10965498	CHR17:1096549	SSF x LoA	-7,747	-0,174	0,285
CHR17	10965500	CHR17:1096550	SSF x LoA	-8,738	-0,030	0,282
CHR17	10965601	CHR17:1096560	SSF x LoA	-7,598	0,018	0,287
CHR17	10965828	CHR17:1096582	SSF x LoA	-7,977	0,034	0,300
CHR17	10966721	CHR17:1096672	SSF x LoA	-7,994	-0,080	0,291
CHR17	10966869	CHR17:1096686	SSF x LoA	-8,871	-0,195	0,276
CHR17	10966909	CHR17:1096690	SSF x LoA	-7,931	-0,089	0,280
CHR17	10966916	CHR17:1096691	SSF x LoA	-8,021	0,033	0,290
CHR17	10966949	CHR17:1096694	SSF x LoA	-8,018	-0,109	0,280
CHR17	10967003	CHR17:1096700	SSF x LoA	0,122	0,122	0,293
CHR17	10967020	CHR17:1096702	SSF x LoA	-7,186	-0,084	0,270
CHR17	1098142	CHR17:1098142	SSF x LoA	-8,262	-0,002	0,298
CHR17	1098156	CHR17:1098156	SSF x LoA	-8,205	-0,003	0,308
CHR17	1098160	CHR17:1098160	SSF x LoA	-7,930	0,002	0,301
CHR17	10990864	CHR17:1099086	SSF x LoA	-9,015	-0,028	0,291
CHR17	10990881	CHR17:1099088	SSF x LoA	-8,551	-0,060	0,286
CHR17	10990900	CHR17:1099090	SSF x LoA	-7,804	-0,062	0,306
CHR17	10990929	CHR17:1099092	SSF x LoA	-10,111	0,034	0,288
CHR17	10990999	CHR17:1099099	SSF x LoA	-8,361	-0,025	0,290
CHR17	10999411	CHR17:1099941	SSF x LoA	-10,798	0,044	0,276
CHR17	10999610	CHR17:1099961	SSF x LoA	-10,903	0,056	0,305
CHR17	11002631	CHR17:1100263	SSF x LoA	-7,852	0,077	0,277
CHR17	11002681	CHR17:1100268	SSF x LoA	-8,366	-0,019	0,285
CHR17	11002706	CHR17:1100270	SSF x LoA	-5,689	-0,171	0,282
CHR17	11006175	CHR17:1100617	SSF x LoA	-6,956	0,126	0,281
CHR17	11006185	CHR17:1100618	SSF x LoA	-3,118	0,206	0,289
CHR17	11006207	CHR17:1100620	SSF x LoA	-6,047	0,178	0,287
CHR17	11006375	CHR17:1100637	SSF x LoA	0,202	0,201	0,281
CHR17	11006449	CHR17:1100644	SSF x LoA	-8,582	0,107	0,287
CHR17	11006512	CHR17:1100651	SSF x LoA	-9,409	0,067	0,279
CHR17	11050437	CHR17:1105043	SSF x LoA	-7,990	0,013	0,302
CHR17	11050484	CHR17:1105048	SSF x LoA	-8,478	-0,054	0,310
CHR17	11050496	CHR17:1105049	SSF x LoA	-8,324	-0,071	0,292
CHR17	11056837	CHR17:1105683	SSF x LoA	-7,716	0,134	0,292
CHR17	11056876	CHR17:1105687	SSF x LoA	-6,622	0,116	0,281
CHR17	11057013	CHR17:1105701	SSF x LoA	-0,220	-0,284	0,261
CHR17	11061040	CHR17:1106104	SSF x LoA	-6,912	-0,055	0,278
CHR17	11061073	CHR17:1106107	SSF x LoA	-9,973	0,032	0,309
CHR17	11065388	CHR17:1106538	SSF x LoA	-9,025	-0,014	0,294

CHR17	11065389	CHR17:1106538	SSF x LoA	-8,909	-0,047	0,289
CHR17	11065539	CHR17:1106553	SSF x LoA	-5,589	-0,152	0,276
CHR17	11065545	CHR17:1106554	SSF x LoA	-8,658	0,039	0,291
CHR17	11065554	CHR17:1106555	SSF x LoA	-7,334	-0,128	0,274
CHR17	11083670	CHR17:1108367	SSF x LoA	-9,932	0,081	0,283
CHR17	11106225	CHR17:1110622	SSF x LoA	-9,683	-0,089	0,289
CHR17	11192198	CHR17:1119219	SSF x LoA	-3,847	0,173	0,284
CHR17	11199468	CHR17:1119946	SSF x LoA	-8,916	0,015	0,293
CHR17	11257923	CHR17:1125792	SSF x LoA	-7,191	-0,086	0,287
CHR17	11258047	CHR17:1125804	SSF x LoA	-11,298	-0,007	0,295
CHR17	11258352	CHR17:1125835	SSF x LoA	-9,064	0,065	0,288
CHR17	11266805	CHR17:1126680	SSF x LoA	-9,837	0,026	0,289
CHR17	11266861	CHR17:1126686	SSF x LoA	-11,041	-0,047	0,284
CHR17	11266974	CHR17:1126697	SSF x LoA	-6,011	-0,110	0,298
CHR17	11266981	CHR17:1126698	SSF x LoA	-7,914	0,173	0,288
CHR17	11270744	CHR17:1127074	SSF x LoA	-7,654	0,096	0,277
CHR17	11280620	CHR17:1128062	SSF x LoA	-9,024	0,044	0,289
CHR17	11280910	CHR17:1128091	SSF x LoA	-10,151	0,036	0,282
CHR17	11288392	CHR17:1128839	SSF x LoA	-4,085	-0,160	0,289
CHR17	11288448	CHR17:1128844	SSF x LoA	-7,463	-0,077	0,299
CHR17	11294043	CHR17:1129404	SSF x LoA	-9,478	0,154	0,281
CHR17	11294150	CHR17:1129415	SSF x LoA	-10,026	0,104	0,289
CHR17	11294184	CHR17:1129418	SSF x LoA	-7,577	0,132	0,301
CHR17	11296505	CHR17:1129650	SSF x LoA	-4,047	-0,082	0,286
CHR17	11296536	CHR17:1129653	SSF x LoA	-6,398	-0,098	0,275
CHR17	11299472	CHR17:1129947	SSF x LoA	-10,069	0,039	0,280
CHR17	11302527	CHR17:1130252	SSF x LoA	-8,938	0,103	0,293
CHR17	11302658	CHR17:1130265	SSF x LoA	-9,908	0,093	0,296
CHR17	11378533	CHR17:1137853	SSF x LoA	-10,682	-0,039	0,297
CHR17	11495432	CHR17:1149543	SSF x LoA	-8,432	0,044	0,297
CHR17	11496363	CHR17:1149636	SSF x LoA	-9,731	0,022	0,305
CHR17	139522	CHR17:139522	SSF x LoA	-7,816	-0,085	0,288
CHR17	139527	CHR17:139527	SSF x LoA	-7,836	0,077	0,286
CHR17	142963	CHR17:142963	SSF x LoA	-6,639	-0,106	0,288
CHR17	143034	CHR17:143034	SSF x LoA	-8,820	0,038	0,290
CHR17	145443	CHR17:145443	SSF x LoA	-9,268	0,152	0,278
CHR17	145575	CHR17:145575	SSF x LoA	-5,761	-0,144	0,291
CHR17	171724	CHR17:171724	SSF x LoA	-8,603	-0,131	0,279
CHR17	176793	CHR17:176793	SSF x LoA	-8,517	0,106	0,283
CHR17	176818	CHR17:176818	SSF x LoA	-6,162	-0,204	0,274
CHR17	176852	CHR17:176852	SSF x LoA	-2,154	-0,164	0,283
CHR17	176859	CHR17:176859	SSF x LoA	-9,344	0,033	0,292
CHR17	184439	CHR17:184439	SSF x LoA	-2,252	-0,153	0,277
CHR17	1912719	CHR17:1912719	SSF x LoA	-7,612	0,048	0,307
CHR17	2084191	CHR17:2084191	SSF x LoA	-7,096	0,041	0,291
CHR17	211673	CHR17:211673	SSF x LoA	-6,210	0,002	0,309
CHR17	215963	CHR17:215963	SSF x LoA	-10,187	-0,052	0,286
CHR17	216173	CHR17:216173	SSF x LoA	-7,069	0,088	0,290
CHR17	2291409	CHR17:2291409	SSF x LoA	-9,986	0,012	0,300
CHR17	2319881	CHR17:2319881	SSF x LoA	-8,835	-0,042	0,295
CHR17	2376508	CHR17:2376508	SSF x LoA	-7,582	0,017	0,298
CHR17	245034	CHR17:245034	SSF x LoA	-8,043	0,002	0,288
CHR17	245065	CHR17:245065	SSF x LoA	-4,350	-0,151	0,275

CHR17	245097	CHR17:245097	SSF x LoA	-8,770	0,004	0,274
CHR17	245104	CHR17:245104	SSF x LoA	-7,725	0,001	0,274
CHR17	245120	CHR17:245120	SSF x LoA	-5,224	0,160	0,252
CHR17	245128	CHR17:245128	SSF x LoA	-10,177	0,117	0,276
CHR17	259729	CHR17:259729	SSF x LoA	-7,814	0,071	0,284
CHR17	259733	CHR17:259733	SSF x LoA	-8,242	0,089	0,291
CHR17	2631312	CHR17:2631312	SSF x LoA	-8,201	-0,002	0,298
CHR17	2631437	CHR17:2631437	SSF x LoA	-8,708	-0,006	0,292
CHR17	264039	CHR17:264039	SSF x LoA	-10,818	-0,041	0,286
CHR17	264169	CHR17:264169	SSF x LoA	-6,868	0,135	0,286
CHR17	264189	CHR17:264189	SSF x LoA	-11,217	0,045	0,286
CHR17	272024	CHR17:272024	SSF x LoA	-9,197	0,007	0,278
CHR17	272033	CHR17:272033	SSF x LoA	-9,798	0,112	0,294
CHR17	278924	CHR17:278924	SSF x LoA	-7,215	-0,012	0,252
CHR17	2905986	CHR17:2905986	SSF x LoA	-8,393	-0,125	0,282
CHR17	3094221	CHR17:3094221	SSF x LoA	-9,845	0,028	0,293
CHR17	3154472	CHR17:3154472	SSF x LoA	-8,323	0,124	0,284
CHR17	322893	CHR17:322893	SSF x LoA	-9,169	0,060	0,293
CHR17	3272510	CHR17:3272510	SSF x LoA	-9,594	-0,031	0,291
CHR17	3355145	CHR17:3355145	SSF x LoA	-9,430	0,084	0,284
CHR17	3356223	CHR17:3356223	SSF x LoA	-6,854	-0,038	0,299
CHR17	3356252	CHR17:3356252	SSF x LoA	-7,084	-0,040	0,308
CHR17	3404778	CHR17:3404778	SSF x LoA	-7,282	-0,128	0,275
CHR17	3409958	CHR17:3409958	SSF x LoA	-11,560	0,053	0,280
CHR17	343364	CHR17:343364	SSF x LoA	-10,651	0,049	0,291
CHR17	343431	CHR17:343431	SSF x LoA	-8,382	-0,097	0,293
CHR17	343671	CHR17:343671	SSF x LoA	-10,914	-0,050	0,293
CHR17	348600	CHR17:348600	SSF x LoA	-7,192	0,039	0,280
CHR17	348603	CHR17:348603	SSF x LoA	-10,368	-0,048	0,282
CHR17	348702	CHR17:348702	SSF x LoA	-10,429	-0,040	0,283
CHR17	3535942	CHR17:3535942	SSF x LoA	-7,994	0,109	0,281
CHR17	3536050	CHR17:3536050	SSF x LoA	-9,674	0,158	0,287
CHR17	3536115	CHR17:3536115	SSF x LoA	-9,958	0,030	0,301
CHR17	3536123	CHR17:3536123	SSF x LoA	-2,227	0,201	0,303
CHR17	3536134	CHR17:3536134	SSF x LoA	-5,153	0,160	0,284
CHR17	3613714	CHR17:3613714	SSF x LoA	-3,475	0,111	0,274
CHR17	3774683	CHR17:3774683	SSF x LoA	-8,407	0,105	0,284
CHR17	3774731	CHR17:3774731	SSF x LoA	-0,337	0,114	0,286
CHR17	3966869	CHR17:3966869	SSF x LoA	-7,302	0,046	0,281
CHR17	4074954	CHR17:4074954	SSF x LoA	-7,402	0,165	0,286
CHR17	4088562	CHR17:4088562	SSF x LoA	-9,356	0,068	0,278
CHR17	414597	CHR17:414597	SSF x LoA	-10,415	-0,063	0,291
CHR17	424684	CHR17:424684	SSF x LoA	-8,104	0,082	0,288
CHR17	424751	CHR17:424751	SSF x LoA	-7,684	-0,081	0,294
CHR17	424755	CHR17:424755	SSF x LoA	-6,942	-0,121	0,298
CHR17	424782	CHR17:424782	SSF x LoA	-8,888	0,036	0,282
CHR17	429394	CHR17:429394	SSF x LoA	-5,838	0,162	0,286
CHR17	429395	CHR17:429395	SSF x LoA	-3,478	0,179	0,284
CHR17	429426	CHR17:429426	SSF x LoA	-6,540	-0,164	0,285
CHR17	429475	CHR17:429475	SSF x LoA	-6,722	0,060	0,300
CHR17	429499	CHR17:429499	SSF x LoA	-8,535	-0,048	0,289
CHR17	4298601	CHR17:4298601	SSF x LoA	-9,956	-0,004	0,285
CHR17	431518	CHR17:431518	SSF x LoA	-9,019	0,097	0,282

CHR17	431582	CHR17:431582	SSF x LoA	-7,570	0,039	0,291
CHR17	431584	CHR17:431584	SSF x LoA	-9,541	0,123	0,298
CHR17	431625	CHR17:431625	SSF x LoA	-9,167	-0,011	0,292
CHR17	431726	CHR17:431726	SSF x LoA	-4,703	0,077	0,277
CHR17	431757	CHR17:431757	SSF x LoA	-5,789	-0,171	0,271
CHR17	431766	CHR17:431766	SSF x LoA	-5,838	-0,084	0,294
CHR17	435824	CHR17:435824	SSF x LoA	-9,808	-0,149	0,270
CHR17	435881	CHR17:435881	SSF x LoA	-9,096	-0,113	0,278
CHR17	439471	CHR17:439471	SSF x LoA	-10,034	-0,069	0,289
CHR17	439550	CHR17:439550	SSF x LoA	-8,066	-0,223	0,277
CHR17	441528	CHR17:441528	SSF x LoA	-4,211	-0,217	0,285
CHR17	441691	CHR17:441691	SSF x LoA	-8,239	-0,122	0,286
CHR17	461301	CHR17:461301	SSF x LoA	-6,409	-0,106	0,285
CHR17	461418	CHR17:461418	SSF x LoA	-10,142	0,006	0,294
CHR17	490420	CHR17:490420	SSF x LoA	-9,964	0,031	0,302
CHR17	490521	CHR17:490521	SSF x LoA	-8,964	0,023	0,266
CHR17	497022	CHR17:497022	SSF x LoA	-8,089	0,046	0,292
CHR17	497069	CHR17:497069	SSF x LoA	-7,877	-0,082	0,286
CHR17	507486	CHR17:507486	SSF x LoA	-8,583	0,131	0,290
CHR17	507617	CHR17:507617	SSF x LoA	-9,534	-0,034	0,298
CHR17	507649	CHR17:507649	SSF x LoA	-10,409	-0,083	0,293
CHR17	507706	CHR17:507706	SSF x LoA	-8,996	0,079	0,289
CHR17	507714	CHR17:507714	SSF x LoA	-7,072	-0,176	0,274
CHR17	507725	CHR17:507725	SSF x LoA	-9,701	-0,090	0,279
CHR17	516135	CHR17:516135	SSF x LoA	-5,305	-0,198	0,281
CHR17	522530	CHR17:522530	SSF x LoA	-8,366	-0,078	0,294
CHR17	522649	CHR17:522649	SSF x LoA	-10,808	-0,064	0,311
CHR17	524752	CHR17:524752	SSF x LoA	-10,064	-0,076	0,293
CHR17	524940	CHR17:524940	SSF x LoA	-9,879	0,037	0,285
CHR17	528586	CHR17:528586	SSF x LoA	-8,269	-0,056	0,302
CHR17	528682	CHR17:528682	SSF x LoA	-10,065	0,025	0,269
CHR17	534758	CHR17:534758	SSF x LoA	-8,970	-0,111	0,292
CHR17	534782	CHR17:534782	SSF x LoA	-1,372	-0,191	0,281
CHR17	534785	CHR17:534785	SSF x LoA	-7,654	0,081	0,297
CHR17	534900	CHR17:534900	SSF x LoA	-10,715	0,021	0,290
CHR17	534953	CHR17:534953	SSF x LoA	-5,310	-0,047	0,291
CHR17	534957	CHR17:534957	SSF x LoA	-8,514	-0,028	0,300
CHR17	542527	CHR17:542527	SSF x LoA	-5,344	0,067	0,301
CHR17	542608	CHR17:542608	SSF x LoA	-9,272	0,017	0,289
CHR17	542674	CHR17:542674	SSF x LoA	-7,203	0,065	0,296
CHR17	542682	CHR17:542682	SSF x LoA	-11,378	-0,091	0,289
CHR17	542688	CHR17:542688	SSF x LoA	-8,025	0,015	0,303
CHR17	542691	CHR17:542691	SSF x LoA	-10,086	0,046	0,285
CHR17	542692	CHR17:542692	SSF x LoA	-8,117	-0,104	0,302
CHR17	542756	CHR17:542756	SSF x LoA	-8,132	0,000	0,288
CHR17	542781	CHR17:542781	SSF x LoA	-7,866	-0,072	0,288
CHR17	542791	CHR17:542791	SSF x LoA	-7,845	-0,016	0,286
CHR17	552157	CHR17:552157	SSF x LoA	-11,287	0,031	0,290
CHR17	552384	CHR17:552384	SSF x LoA	-6,851	-0,018	0,278
CHR17	55419	CHR17:55419	SSF x LoA	-9,167	-0,015	0,299
CHR17	55510	CHR17:55510	SSF x LoA	-8,007	0,111	0,289
CHR17	55517	CHR17:55517	SSF x LoA	-7,773	0,078	0,281
CHR17	55601	CHR17:55601	SSF x LoA	-5,703	0,166	0,281

CHR17	55662	CHR17:55662	SSF x LoA	-7,993	0,000	0,297
CHR17	55831	CHR17:55831	SSF x LoA	-10,822	-0,062	0,276
CHR17	560281	CHR17:560281	SSF x LoA	-7,372	-0,072	0,292
CHR17	560289	CHR17:560289	SSF x LoA	-6,820	-0,148	0,279
CHR17	561009	CHR17:561009	SSF x LoA	-1,577	0,195	0,278
CHR17	561042	CHR17:561042	SSF x LoA	-3,320	-0,217	0,290
CHR17	561055	CHR17:561055	SSF x LoA	-7,608	-0,154	0,279
CHR17	561057	CHR17:561057	SSF x LoA	-8,069	-0,179	0,285
CHR17	561074	CHR17:561074	SSF x LoA	-4,969	-0,201	0,268
CHR17	567838	CHR17:567838	SSF x LoA	-8,218	-0,083	0,288
CHR17	567950	CHR17:567950	SSF x LoA	-9,557	0,065	0,299
CHR17	567968	CHR17:567968	SSF x LoA	-9,121	-0,104	0,288
CHR17	567984	CHR17:567984	SSF x LoA	-9,275	-0,050	0,300
CHR17	571471	CHR17:571471	SSF x LoA	-7,090	0,014	0,296
CHR17	571501	CHR17:571501	SSF x LoA	-10,075	0,070	0,284
CHR17	571664	CHR17:571664	SSF x LoA	-8,139	0,004	0,302
CHR17	571665	CHR17:571665	SSF x LoA	-10,912	0,013	0,292
CHR17	590544	CHR17:590544	SSF x LoA	-11,108	0,045	0,280
CHR17	590558	CHR17:590558	SSF x LoA	-9,028	-0,022	0,290
CHR17	590609	CHR17:590609	SSF x LoA	-8,717	0,090	0,287
CHR17	590665	CHR17:590665	SSF x LoA	-6,669	-0,091	0,286
CHR17	590696	CHR17:590696	SSF x LoA	-10,039	-0,022	0,289
CHR17	590697	CHR17:590697	SSF x LoA	-10,643	0,036	0,289
CHR17	590706	CHR17:590706	SSF x LoA	-4,400	0,082	0,281
CHR17	590718	CHR17:590718	SSF x LoA	-7,732	0,064	0,283
CHR17	590729	CHR17:590729	SSF x LoA	-7,004	-0,025	0,303
CHR17	5994620	CHR17:5994620	SSF x LoA	-10,235	-0,050	0,283
CHR17	6003486	CHR17:6003486	SSF x LoA	-4,029	0,149	0,280
CHR17	6003494	CHR17:6003494	SSF x LoA	-9,443	-0,077	0,284
CHR17	6003582	CHR17:6003582	SSF x LoA	-3,925	-0,144	0,278
CHR17	6026258	CHR17:6026258	SSF x LoA	-6,598	-0,023	0,314
CHR17	6067071	CHR17:6067071	SSF x LoA	-8,721	-0,120	0,289
CHR17	6067097	CHR17:6067097	SSF x LoA	-10,591	-0,035	0,285
CHR17	6102628	CHR17:6102628	SSF x LoA	-9,418	-0,068	0,285
CHR17	6102769	CHR17:6102769	SSF x LoA	-8,647	0,004	0,305
CHR17	6102771	CHR17:6102771	SSF x LoA	-4,546	0,022	0,304
CHR17	6102776	CHR17:6102776	SSF x LoA	-9,261	0,088	0,295
CHR17	6102783	CHR17:6102783	SSF x LoA	-11,284	0,030	0,303
CHR17	6102794	CHR17:6102794	SSF x LoA	-10,127	0,030	0,292
CHR17	6102808	CHR17:6102808	SSF x LoA	-9,389	0,031	0,294
CHR17	6102817	CHR17:6102817	SSF x LoA	-0,494	0,055	0,293
CHR17	6102857	CHR17:6102857	SSF x LoA	-10,464	0,022	0,289
CHR17	6146692	CHR17:6146692	SSF x LoA	-9,499	0,105	0,301
CHR17	6218997	CHR17:6218997	SSF x LoA	-8,254	0,008	0,300
CHR17	623909	CHR17:623909	SSF x LoA	-8,298	0,107	0,279
CHR17	623939	CHR17:623939	SSF x LoA	-11,068	-0,070	0,282
CHR17	624010	CHR17:624010	SSF x LoA	-5,752	-0,140	0,276
CHR17	624039	CHR17:624039	SSF x LoA	-6,544	0,144	0,280
CHR17	624813	CHR17:624813	SSF x LoA	-8,237	-0,043	0,273
CHR17	624907	CHR17:624907	SSF x LoA	-6,192	0,109	0,294
CHR17	624979	CHR17:624979	SSF x LoA	-8,604	-0,075	0,275
CHR17	625031	CHR17:625031	SSF x LoA	-6,844	0,132	0,280
CHR17	6251690	CHR17:6251690	SSF x LoA	-7,688	0,040	0,292

CHR17	6251691	CHR17:6251691	SSF x LoA	-6,593	0,036	0,291
CHR17	6251770	CHR17:6251770	SSF x LoA	-7,714	0,030	0,301
CHR17	6251820	CHR17:6251820	SSF x LoA	-10,327	0,107	0,285
CHR17	6251859	CHR17:6251859	SSF x LoA	-8,395	0,025	0,300
CHR17	6287416	CHR17:6287416	SSF x LoA	-8,273	-0,016	0,298
CHR17	6287418	CHR17:6287418	SSF x LoA	-7,271	0,007	0,301
CHR17	6287427	CHR17:6287427	SSF x LoA	-7,535	0,014	0,316
CHR17	6287434	CHR17:6287434	SSF x LoA	-7,816	-0,026	0,295
CHR17	6287443	CHR17:6287443	SSF x LoA	-8,142	0,007	0,310
CHR17	6287446	CHR17:6287446	SSF x LoA	-8,560	-0,017	0,300
CHR17	6287451	CHR17:6287451	SSF x LoA	-8,516	-0,008	0,298
CHR17	6287471	CHR17:6287471	SSF x LoA	-7,791	-0,012	0,305
CHR17	6287490	CHR17:6287490	SSF x LoA	-7,562	-0,007	0,303
CHR17	6287493	CHR17:6287493	SSF x LoA	-8,101	0,012	0,304
CHR17	6287506	CHR17:6287506	SSF x LoA	-7,532	0,000	0,308
CHR17	6287509	CHR17:6287509	SSF x LoA	-8,308	-0,001	0,307
CHR17	6287520	CHR17:6287520	SSF x LoA	-7,978	-0,013	0,315
CHR17	6287528	CHR17:6287528	SSF x LoA	-8,516	0,033	0,302
CHR17	632278	CHR17:632278	SSF x LoA	-8,484	0,054	0,305
CHR17	632378	CHR17:632378	SSF x LoA	-8,968	0,022	0,285
CHR17	632948	CHR17:632948	SSF x LoA	-9,050	0,104	0,297
CHR17	632949	CHR17:632949	SSF x LoA	-8,001	0,127	0,279
CHR17	632968	CHR17:632968	SSF x LoA	-6,650	-0,021	0,287
CHR17	6332462	CHR17:6332462	SSF x LoA	-9,700	-0,071	0,298
CHR17	634241	CHR17:634241	SSF x LoA	-8,037	-0,007	0,298
CHR17	6358482	CHR17:6358482	SSF x LoA	-7,752	0,111	0,276
CHR17	6369174	CHR17:6369174	SSF x LoA	-6,862	0,073	0,301
CHR17	638584	CHR17:638584	SSF x LoA	-7,981	-0,043	0,294
CHR17	638590	CHR17:638590	SSF x LoA	-8,762	-0,083	0,273
CHR17	638612	CHR17:638612	SSF x LoA	-8,239	0,047	0,295
CHR17	638621	CHR17:638621	SSF x LoA	-7,832	0,057	0,286
CHR17	638623	CHR17:638623	SSF x LoA	-6,764	0,050	0,285
CHR17	638665	CHR17:638665	SSF x LoA	-10,748	0,007	0,290
CHR17	6402285	CHR17:6402285	SSF x LoA	-9,606	-0,084	0,275
CHR17	6402382	CHR17:6402382	SSF x LoA	-9,229	-0,066	0,279
CHR17	6403061	CHR17:6403061	SSF x LoA	-10,438	0,116	0,289
CHR17	6403070	CHR17:6403070	SSF x LoA	-4,174	0,136	0,296
CHR17	6409936	CHR17:6409936	SSF x LoA	-6,722	-0,187	0,290
CHR17	644589	CHR17:644589	SSF x LoA	-8,570	0,022	0,289
CHR17	644685	CHR17:644685	SSF x LoA	-10,472	-0,117	0,277
CHR17	6447000	CHR17:6447000	SSF x LoA	-3,700	0,103	0,285
CHR17	6514855	CHR17:6514855	SSF x LoA	-7,870	-0,013	0,311
CHR17	6514917	CHR17:6514917	SSF x LoA	-8,230	-0,009	0,299
CHR17	6542857	CHR17:6542857	SSF x LoA	-10,627	0,075	0,280
CHR17	6543066	CHR17:6543066	SSF x LoA	-5,868	0,080	0,295
CHR17	6552337	CHR17:6552337	SSF x LoA	-8,392	0,065	0,297
CHR17	6564395	CHR17:6564395	SSF x LoA	-9,865	0,074	0,293
CHR17	6564422	CHR17:6564422	SSF x LoA	-5,419	-0,029	0,286
CHR17	6571413	CHR17:6571413	SSF x LoA	-8,309	0,013	0,285
CHR17	6571467	CHR17:6571467	SSF x LoA	-9,096	-0,014	0,271
CHR17	6579612	CHR17:6579612	SSF x LoA	-7,270	0,114	0,278
CHR17	6596652	CHR17:6596652	SSF x LoA	-4,746	0,206	0,268
CHR17	6596670	CHR17:6596670	SSF x LoA	-7,510	-0,095	0,293

CHR17	6596936	CHR17:6596936	SSF x LoA	-5,708	0,166	0,284
CHR17	6607747	CHR17:6607747	SSF x LoA	-7,025	-0,032	0,295
CHR17	6620619	CHR17:6620619	SSF x LoA	-9,010	-0,024	0,288
CHR17	6620696	CHR17:6620696	SSF x LoA	-10,229	0,048	0,284
CHR17	6623435	CHR17:6623435	SSF x LoA	-7,271	0,075	0,287
CHR17	6631957	CHR17:6631957	SSF x LoA	-4,631	-0,166	0,282
CHR17	6632007	CHR17:6632007	SSF x LoA	-9,995	0,033	0,280
CHR17	6632025	CHR17:6632025	SSF x LoA	-8,582	-0,166	0,283
CHR17	6632055	CHR17:6632055	SSF x LoA	-11,528	0,041	0,274
CHR17	6660390	CHR17:6660390	SSF x LoA	-8,421	-0,086	0,291
CHR17	6660402	CHR17:6660402	SSF x LoA	-7,588	-0,043	0,300
CHR17	6660505	CHR17:6660505	SSF x LoA	-8,160	-0,070	0,286
CHR17	6664416	CHR17:6664416	SSF x LoA	-7,884	-0,057	0,298
CHR17	6664714	CHR17:6664714	SSF x LoA	-9,280	-0,029	0,293
CHR17	6671635	CHR17:6671635	SSF x LoA	-7,436	-0,104	0,291
CHR17	6671646	CHR17:6671646	SSF x LoA	-11,343	-0,076	0,285
CHR17	6671674	CHR17:6671674	SSF x LoA	-9,568	-0,105	0,283
CHR17	6671787	CHR17:6671787	SSF x LoA	-7,852	0,041	0,303
CHR17	667454	CHR17:667454	SSF x LoA	-9,842	-0,117	0,279
CHR17	6697528	CHR17:6697528	SSF x LoA	-8,456	-0,061	0,292
CHR17	6714248	CHR17:6714248	SSF x LoA	-10,210	0,024	0,281
CHR17	6718948	CHR17:6718948	SSF x LoA	-7,480	-0,130	0,290
CHR17	6718981	CHR17:6718981	SSF x LoA	0,718	0,188	0,271
CHR17	6718982	CHR17:6718982	SSF x LoA	-3,852	0,202	0,272
CHR17	6719116	CHR17:6719116	SSF x LoA	-7,411	0,106	0,285
CHR17	6719179	CHR17:6719179	SSF x LoA	-10,421	-0,033	0,293
CHR17	6719221	CHR17:6719221	SSF x LoA	-7,142	0,115	0,282
CHR17	6763099	CHR17:6763099	SSF x LoA	-6,842	0,181	0,282
CHR17	677963	CHR17:677963	SSF x LoA	-9,900	0,031	0,298
CHR17	677981	CHR17:677981	SSF x LoA	-8,840	0,079	0,284
CHR17	677998	CHR17:677998	SSF x LoA	-8,469	-0,062	0,285
CHR17	678020	CHR17:678020	SSF x LoA	-10,763	-0,042	0,280
CHR17	678055	CHR17:678055	SSF x LoA	-6,211	0,142	0,278
CHR17	678097	CHR17:678097	SSF x LoA	-10,174	-0,023	0,301
CHR17	6780997	CHR17:6780997	SSF x LoA	-7,764	0,021	0,302
CHR17	6781092	CHR17:6781092	SSF x LoA	-10,278	-0,007	0,294
CHR17	6785743	CHR17:6785743	SSF x LoA	-7,814	0,176	0,297
CHR17	6785805	CHR17:6785805	SSF x LoA	14,350	-0,129	0,298
CHR17	6794898	CHR17:6794898	SSF x LoA	-4,816	-0,136	0,273
CHR17	6804411	CHR17:6804411	SSF x LoA	-9,178	0,018	0,287
CHR17	6804448	CHR17:6804448	SSF x LoA	-7,284	-0,213	0,287
CHR17	6807397	CHR17:6807397	SSF x LoA	-7,765	-0,200	0,274
CHR17	6807459	CHR17:6807459	SSF x LoA	-9,017	0,030	0,290
CHR17	6807489	CHR17:6807489	SSF x LoA	-6,866	-0,117	0,267
CHR17	6807497	CHR17:6807497	SSF x LoA	-8,759	0,069	0,292
CHR17	6808933	CHR17:6808933	SSF x LoA	-7,310	-0,057	0,273
CHR17	6817883	CHR17:6817883	SSF x LoA	-9,534	0,063	0,293
CHR17	6817953	CHR17:6817953	SSF x LoA	-7,154	0,063	0,292
CHR17	6817963	CHR17:6817963	SSF x LoA	-8,485	-0,132	0,282
CHR17	6818028	CHR17:6818028	SSF x LoA	-10,057	0,015	0,299
CHR17	6818076	CHR17:6818076	SSF x LoA	-10,726	0,055	0,281
CHR17	6818090	CHR17:6818090	SSF x LoA	-6,148	-0,179	0,270
CHR17	6821622	CHR17:6821622	SSF x LoA	-7,684	-0,003	0,294

CHR17	6828527	CHR17:6828527	SSF x LoA	-6,878	-0,006	0,302
CHR17	6859872	CHR17:6859872	SSF x LoA	-8,980	0,010	0,285
CHR17	6870825	CHR17:6870825	SSF x LoA	-10,756	-0,084	0,287
CHR17	6876922	CHR17:6876922	SSF x LoA	-10,092	-0,004	0,296
CHR17	6877160	CHR17:6877160	SSF x LoA	-6,859	0,096	0,289
CHR17	6917538	CHR17:6917538	SSF x LoA	-9,125	0,057	0,287
CHR17	692206	CHR17:692206	SSF x LoA	-7,118	0,116	0,281
CHR17	692256	CHR17:692256	SSF x LoA	-8,586	-0,032	0,284
CHR17	6937886	CHR17:6937886	SSF x LoA	-8,283	-0,042	0,284
CHR17	6940178	CHR17:6940178	SSF x LoA	-11,860	0,036	0,281
CHR17	6940425	CHR17:6940425	SSF x LoA	-8,381	-0,154	0,288
CHR17	6951730	CHR17:6951730	SSF x LoA	-5,192	-0,077	0,286
CHR17	6958845	CHR17:6958845	SSF x LoA	-8,237	-0,157	0,279
CHR17	6958853	CHR17:6958853	SSF x LoA	-6,072	-0,061	0,299
CHR17	6958875	CHR17:6958875	SSF x LoA	-8,396	0,009	0,280
CHR17	6987384	CHR17:6987384	SSF x LoA	-10,594	0,013	0,270
CHR17	6987476	CHR17:6987476	SSF x LoA	-8,819	-0,118	0,284
CHR17	6987529	CHR17:6987529	SSF x LoA	-10,092	-0,005	0,293
CHR17	6999365	CHR17:6999365	SSF x LoA	-8,275	-0,053	0,288
CHR17	6999515	CHR17:6999515	SSF x LoA	-10,635	0,040	0,301
CHR17	7034212	CHR17:7034212	SSF x LoA	-9,311	-0,016	0,294
CHR17	7034291	CHR17:7034291	SSF x LoA	-8,502	0,033	0,285
CHR17	7034408	CHR17:7034408	SSF x LoA	-10,701	-0,014	0,283
CHR17	7042635	CHR17:7042635	SSF x LoA	-7,773	0,057	0,304
CHR17	7042640	CHR17:7042640	SSF x LoA	-9,617	0,086	0,278
CHR17	7044159	CHR17:7044159	SSF x LoA	-7,575	-0,126	0,300
CHR17	7044242	CHR17:7044242	SSF x LoA	-6,583	0,018	0,298
CHR17	7116372	CHR17:7116372	SSF x LoA	-8,212	0,085	0,264
CHR17	7116383	CHR17:7116383	SSF x LoA	-10,970	-0,073	0,295
CHR17	7117197	CHR17:7117197	SSF x LoA	-3,528	0,063	0,299
CHR17	7140440	CHR17:7140440	SSF x LoA	-8,808	0,098	0,293
CHR17	7144836	CHR17:7144836	SSF x LoA	-10,302	0,040	0,246
CHR17	7146899	CHR17:7146899	SSF x LoA	0,088	0,155	0,299
CHR17	7148957	CHR17:7148957	SSF x LoA	-10,505	0,008	0,289
CHR17	7174469	CHR17:7174469	SSF x LoA	-6,487	0,124	0,296
CHR17	7174496	CHR17:7174496	SSF x LoA	-6,623	0,120	0,293
CHR17	7174626	CHR17:7174626	SSF x LoA	-9,594	0,115	0,290
CHR17	7180380	CHR17:7180380	SSF x LoA	-6,974	-0,072	0,287
CHR17	7180549	CHR17:7180549	SSF x LoA	-8,952	0,021	0,297
CHR17	720057	CHR17:720057	SSF x LoA	-6,678	-0,092	0,300
CHR17	720118	CHR17:720118	SSF x LoA	-7,646	0,079	0,282
CHR17	720196	CHR17:720196	SSF x LoA	-8,180	-0,071	0,284
CHR17	722781	CHR17:722781	SSF x LoA	-6,921	0,132	0,298
CHR17	722828	CHR17:722828	SSF x LoA	-8,761	0,083	0,295
CHR17	722829	CHR17:722829	SSF x LoA	-8,548	0,058	0,294
CHR17	722973	CHR17:722973	SSF x LoA	-6,781	0,021	0,291
CHR17	722977	CHR17:722977	SSF x LoA	-9,192	-0,035	0,278
CHR17	7245454	CHR17:7245454	SSF x LoA	-9,714	-0,037	0,296
CHR17	7245462	CHR17:7245462	SSF x LoA	-9,450	-0,054	0,263
CHR17	7245475	CHR17:7245475	SSF x LoA	-7,238	0,017	0,279
CHR17	7254335	CHR17:7254335	SSF x LoA	-8,569	0,023	0,280
CHR17	7271130	CHR17:7271130	SSF x LoA	-8,736	-0,136	0,283
CHR17	7280923	CHR17:7280923	SSF x LoA	-7,615	0,047	0,284

CHR17	7289539	CHR17:7289539	SSF x LoA	-5,569	-0,209	0,284
CHR17	729162	CHR17:729162	SSF x LoA	-7,877	0,099	0,308
CHR17	729240	CHR17:729240	SSF x LoA	-10,120	0,039	0,285
CHR17	729252	CHR17:729252	SSF x LoA	-8,071	-0,023	0,280
CHR17	729254	CHR17:729254	SSF x LoA	-8,673	-0,024	0,275
CHR17	7293064	CHR17:7293064	SSF x LoA	-8,939	0,107	0,292
CHR17	729337	CHR17:729337	SSF x LoA	-6,766	0,109	0,289
CHR17	729398	CHR17:729398	SSF x LoA	-4,329	0,152	0,291
CHR17	7323090	CHR17:7323090	SSF x LoA	-9,636	-0,045	0,285
CHR17	733569	CHR17:733569	SSF x LoA	-8,775	0,075	0,296
CHR17	733642	CHR17:733642	SSF x LoA	-8,538	-0,003	0,299
CHR17	733656	CHR17:733656	SSF x LoA	-7,472	0,092	0,287
CHR17	733663	CHR17:733663	SSF x LoA	-11,103	-0,050	0,280
CHR17	7338258	CHR17:7338258	SSF x LoA	-6,032	0,182	0,277
CHR17	7338278	CHR17:7338278	SSF x LoA	-7,537	0,161	0,266
CHR17	7338371	CHR17:7338371	SSF x LoA	-6,249	0,195	0,275
CHR17	7347015	CHR17:7347015	SSF x LoA	-10,669	-0,099	0,282
CHR17	7347049	CHR17:7347049	SSF x LoA	-8,872	-0,015	0,295
CHR17	7347093	CHR17:7347093	SSF x LoA	-5,325	0,216	0,278
CHR17	736511	CHR17:736511	SSF x LoA	-8,630	0,013	0,302
CHR17	736512	CHR17:736512	SSF x LoA	-6,709	0,011	0,311
CHR17	736532	CHR17:736532	SSF x LoA	-9,600	0,144	0,279
CHR17	736564	CHR17:736564	SSF x LoA	-9,864	-0,030	0,303
CHR17	736600	CHR17:736600	SSF x LoA	-9,268	0,103	0,278
CHR17	736601	CHR17:736601	SSF x LoA	-9,672	-0,021	0,299
CHR17	736603	CHR17:736603	SSF x LoA	-9,419	0,017	0,284
CHR17	7391151	CHR17:7391151	SSF x LoA	-10,139	-0,115	0,284
CHR17	739593	CHR17:739593	SSF x LoA	-9,576	-0,066	0,288
CHR17	7423650	CHR17:7423650	SSF x LoA	-3,749	0,232	0,276
CHR17	7434891	CHR17:7434891	SSF x LoA	-9,637	0,038	0,306
CHR17	7435007	CHR17:7435007	SSF x LoA	-6,430	-0,047	0,301
CHR17	7444688	CHR17:7444688	SSF x LoA	-9,028	0,039	0,293
CHR17	7444695	CHR17:7444695	SSF x LoA	-10,041	0,042	0,298
CHR17	7453537	CHR17:7453537	SSF x LoA	-9,101	-0,098	0,271
CHR17	7453976	CHR17:7453976	SSF x LoA	-8,141	-0,063	0,300
CHR17	747449	CHR17:747449	SSF x LoA	-9,277	-0,156	0,284
CHR17	747584	CHR17:747584	SSF x LoA	-10,407	0,083	0,287
CHR17	747620	CHR17:747620	SSF x LoA	-9,249	0,033	0,277
CHR17	747692	CHR17:747692	SSF x LoA	-9,601	0,128	0,291
CHR17	7477760	CHR17:7477760	SSF x LoA	-7,405	0,050	0,293
CHR17	758025	CHR17:758025	SSF x LoA	-6,789	0,179	0,272
CHR17	758027	CHR17:758027	SSF x LoA	-6,851	0,187	0,289
CHR17	758037	CHR17:758037	SSF x LoA	-5,064	-0,113	0,284
CHR17	758038	CHR17:758038	SSF x LoA	-7,775	-0,119	0,292
CHR17	758045	CHR17:758045	SSF x LoA	-1,635	-0,127	0,299
CHR17	758052	CHR17:758052	SSF x LoA	-10,228	0,010	0,296
CHR17	758061	CHR17:758061	SSF x LoA	-8,208	-0,115	0,274
CHR17	758062	CHR17:758062	SSF x LoA	6,687	-0,334	0,246
CHR17	758088	CHR17:758088	SSF x LoA	-2,092	-0,139	0,283
CHR17	766881	CHR17:766881	SSF x LoA	-8,348	0,080	0,291
CHR17	766897	CHR17:766897	SSF x LoA	-8,790	-0,065	0,270
CHR17	766955	CHR17:766955	SSF x LoA	-9,437	-0,149	0,285
CHR17	766956	CHR17:766956	SSF x LoA	-9,658	-0,079	0,307

CHR17	767023	CHR17:767023	SSF x LoA	-7,761	0,077	0,294
CHR17	767081	CHR17:767081	SSF x LoA	-8,482	0,035	0,294
CHR17	767110	CHR17:767110	SSF x LoA	-7,042	-0,069	0,301
CHR17	77995	CHR17:77995	SSF x LoA	0,365	0,027	0,299
CHR17	78160	CHR17:78160	SSF x LoA	-4,520	0,049	0,296
CHR17	78164	CHR17:78164	SSF x LoA	-7,463	0,050	0,296
CHR17	781890	CHR17:781890	SSF x LoA	-9,360	0,098	0,308
CHR17	781918	CHR17:781918	SSF x LoA	-7,840	0,029	0,288
CHR17	781943	CHR17:781943	SSF x LoA	-6,154	-0,119	0,279
CHR17	784647	CHR17:784647	SSF x LoA	-9,262	-0,068	0,276
CHR17	784648	CHR17:784648	SSF x LoA	-8,355	-0,097	0,282
CHR17	784711	CHR17:784711	SSF x LoA	-7,578	-0,037	0,312
CHR17	784721	CHR17:784721	SSF x LoA	-8,251	0,112	0,283
CHR17	784757	CHR17:784757	SSF x LoA	-7,879	-0,176	0,284
CHR17	784802	CHR17:784802	SSF x LoA	-7,501	0,098	0,289
CHR17	784843	CHR17:784843	SSF x LoA	-6,219	0,108	0,279
CHR17	784844	CHR17:784844	SSF x LoA	-10,296	-0,002	0,286
CHR17	790229	CHR17:790229	SSF x LoA	-8,623	0,016	0,278
CHR17	790332	CHR17:790332	SSF x LoA	-9,658	-0,072	0,276
CHR17	790346	CHR17:790346	SSF x LoA	-9,420	0,072	0,289
CHR17	801673	CHR17:801673	SSF x LoA	-9,039	-0,047	0,278
CHR17	801705	CHR17:801705	SSF x LoA	-7,786	0,056	0,304
CHR17	801775	CHR17:801775	SSF x LoA	-9,624	-0,005	0,290
CHR17	801776	CHR17:801776	SSF x LoA	-9,626	0,114	0,272
CHR17	801805	CHR17:801805	SSF x LoA	-9,978	0,029	0,286
CHR17	801846	CHR17:801846	SSF x LoA	-8,497	-0,049	0,298
CHR17	801947	CHR17:801947	SSF x LoA	-6,271	-0,132	0,292
CHR17	802026	CHR17:802026	SSF x LoA	-8,337	0,087	0,293
CHR17	802031	CHR17:802031	SSF x LoA	-7,093	0,157	0,296
CHR17	802055	CHR17:802055	SSF x LoA	-7,547	0,048	0,294
CHR17	802074	CHR17:802074	SSF x LoA	-9,998	-0,051	0,291
CHR17	8120153	CHR17:8120153	SSF x LoA	-5,365	0,111	0,291
CHR17	8120175	CHR17:8120175	SSF x LoA	-6,417	0,088	0,288
CHR17	8129534	CHR17:8129534	SSF x LoA	-10,142	0,027	0,295
CHR17	8131382	CHR17:8131382	SSF x LoA	-10,423	-0,031	0,294
CHR17	8139726	CHR17:8139726	SSF x LoA	-5,283	0,147	0,281
CHR17	8139748	CHR17:8139748	SSF x LoA	-8,484	-0,067	0,287
CHR17	8142722	CHR17:8142722	SSF x LoA	-11,069	-0,028	0,292
CHR17	8159543	CHR17:8159543	SSF x LoA	-11,057	-0,001	0,280
CHR17	8159777	CHR17:8159777	SSF x LoA	-9,883	0,003	0,283
CHR17	8159849	CHR17:8159849	SSF x LoA	-11,298	0,012	0,291
CHR17	8190792	CHR17:8190792	SSF x LoA	-9,020	-0,117	0,291
CHR17	8190811	CHR17:8190811	SSF x LoA	-10,055	-0,017	0,288
CHR17	8231255	CHR17:8231255	SSF x LoA	-7,425	0,010	0,300
CHR17	8247683	CHR17:8247683	SSF x LoA	-9,683	0,085	0,287
CHR17	8247714	CHR17:8247714	SSF x LoA	-10,592	0,079	0,276
CHR17	8247768	CHR17:8247768	SSF x LoA	-10,728	0,050	0,285
CHR17	8247789	CHR17:8247789	SSF x LoA	-9,636	0,063	0,286
CHR17	8247825	CHR17:8247825	SSF x LoA	-9,646	0,123	0,279
CHR17	8257231	CHR17:8257231	SSF x LoA	-5,449	0,086	0,288
CHR17	8280431	CHR17:8280431	SSF x LoA	-8,577	0,053	0,295
CHR17	8280440	CHR17:8280440	SSF x LoA	-9,991	-0,012	0,284
CHR17	828109	CHR17:828109	SSF x LoA	-8,244	-0,039	0,278

CHR17	8281404	CHR17:8281404	SSF x LoA	-10,669	-0,014	0,293
CHR17	8281447	CHR17:8281447	SSF x LoA	-8,369	0,009	0,304
CHR17	828153	CHR17:828153	SSF x LoA	-6,944	0,117	0,293
CHR17	828357	CHR17:828357	SSF x LoA	-5,554	-0,135	0,280
CHR17	8293803	CHR17:8293803	SSF x LoA	-7,723	-0,158	0,280
CHR17	8293825	CHR17:8293825	SSF x LoA	-6,218	-0,154	0,276
CHR17	8293839	CHR17:8293839	SSF x LoA	-5,467	0,217	0,296
CHR17	8306259	CHR17:8306259	SSF x LoA	-6,684	-0,169	0,279
CHR17	8306280	CHR17:8306280	SSF x LoA	-5,215	0,153	0,294
CHR17	8306415	CHR17:8306415	SSF x LoA	-6,185	-0,071	0,292
CHR17	8310741	CHR17:8310741	SSF x LoA	-9,185	0,083	0,286
CHR17	8310768	CHR17:8310768	SSF x LoA	-8,587	0,090	0,282
CHR17	8310872	CHR17:8310872	SSF x LoA	-3,194	0,078	0,282
CHR17	8310916	CHR17:8310916	SSF x LoA	-9,230	0,005	0,280
CHR17	8310918	CHR17:8310918	SSF x LoA	-8,712	0,038	0,285
CHR17	8310920	CHR17:8310920	SSF x LoA	-9,340	0,016	0,278
CHR17	8310942	CHR17:8310942	SSF x LoA	-10,878	-0,081	0,292
CHR17	8310955	CHR17:8310955	SSF x LoA	-7,812	0,132	0,287
CHR17	8310973	CHR17:8310973	SSF x LoA	-6,884	-0,041	0,296
CHR17	8348172	CHR17:8348172	SSF x LoA	-9,291	0,128	0,279
CHR17	8352157	CHR17:8352157	SSF x LoA	-9,330	0,049	0,293
CHR17	8352203	CHR17:8352203	SSF x LoA	-10,009	-0,160	0,280
CHR17	8352204	CHR17:8352204	SSF x LoA	-6,238	0,085	0,282
CHR17	8352252	CHR17:8352252	SSF x LoA	-9,117	-0,085	0,286
CHR17	8352260	CHR17:8352260	SSF x LoA	-1,708	-0,130	0,296
CHR17	8358414	CHR17:8358414	SSF x LoA	-9,791	-0,078	0,280
CHR17	8358415	CHR17:8358415	SSF x LoA	-9,424	-0,036	0,300
CHR17	8358483	CHR17:8358483	SSF x LoA	-6,510	0,114	0,291
CHR17	8359490	CHR17:8359490	SSF x LoA	-7,834	-0,031	0,288
CHR17	8359496	CHR17:8359496	SSF x LoA	-10,848	-0,008	0,287
CHR17	8359541	CHR17:8359541	SSF x LoA	-7,066	-0,033	0,309
CHR17	8359542	CHR17:8359542	SSF x LoA	-8,588	-0,007	0,293
CHR17	8359547	CHR17:8359547	SSF x LoA	-8,537	0,001	0,284
CHR17	8359642	CHR17:8359642	SSF x LoA	-9,819	-0,027	0,283
CHR17	8359719	CHR17:8359719	SSF x LoA	-7,538	-0,011	0,314
CHR17	8361083	CHR17:8361083	SSF x LoA	-9,921	-0,089	0,293
CHR17	8361177	CHR17:8361177	SSF x LoA	-11,181	0,045	0,290
CHR17	8361235	CHR17:8361235	SSF x LoA	-9,078	0,146	0,281
CHR17	8361333	CHR17:8361333	SSF x LoA	-10,492	0,026	0,295
CHR17	8361334	CHR17:8361334	SSF x LoA	-7,663	0,048	0,298
CHR17	8365604	CHR17:8365604	SSF x LoA	-9,707	-0,029	0,289
CHR17	8365642	CHR17:8365642	SSF x LoA	-8,859	0,032	0,299
CHR17	8366922	CHR17:8366922	SSF x LoA	-8,845	0,117	0,284
CHR17	8367023	CHR17:8367023	SSF x LoA	-10,587	0,080	0,278
CHR17	8376615	CHR17:8376615	SSF x LoA	-8,543	0,147	0,283
CHR17	8379002	CHR17:8379002	SSF x LoA	-7,290	0,094	0,265
CHR17	8382239	CHR17:8382239	SSF x LoA	-7,647	-0,012	0,287
CHR17	8382279	CHR17:8382279	SSF x LoA	-10,400	-0,001	0,299
CHR17	8382291	CHR17:8382291	SSF x LoA	-9,365	-0,025	0,303
CHR17	8382296	CHR17:8382296	SSF x LoA	-10,540	0,044	0,300
CHR17	8382299	CHR17:8382299	SSF x LoA	-7,951	-0,038	0,295
CHR17	8383596	CHR17:8383596	SSF x LoA	-10,159	-0,098	0,291
CHR17	8383721	CHR17:8383721	SSF x LoA	-7,312	-0,008	0,291

CHR17	8383766	CHR17:8383766	SSF x LoA	-7,777	0,066	0,302
CHR17	8388885	CHR17:8388885	SSF x LoA	-7,715	0,065	0,277
CHR17	8388916	CHR17:8388916	SSF x LoA	-11,177	0,086	0,294
CHR17	8388931	CHR17:8388931	SSF x LoA	-7,379	-0,094	0,272
CHR17	8391756	CHR17:8391756	SSF x LoA	-11,073	0,018	0,282
CHR17	8391958	CHR17:8391958	SSF x LoA	-7,159	0,042	0,290
CHR17	8393097	CHR17:8393097	SSF x LoA	-9,240	-0,129	0,279
CHR17	8393102	CHR17:8393102	SSF x LoA	-8,034	0,162	0,288
CHR17	8397580	CHR17:8397580	SSF x LoA	-8,661	0,028	0,294
CHR17	8397592	CHR17:8397592	SSF x LoA	-7,390	0,078	0,286
CHR17	8397606	CHR17:8397606	SSF x LoA	-10,759	-0,002	0,285
CHR17	8399000	CHR17:8399000	SSF x LoA	-9,508	0,096	0,295
CHR17	841858	CHR17:841858	SSF x LoA	-6,380	0,062	0,302
CHR17	8421129	CHR17:8421129	SSF x LoA	-7,945	0,089	0,274
CHR17	8421161	CHR17:8421161	SSF x LoA	-9,193	0,060	0,280
CHR17	8421164	CHR17:8421164	SSF x LoA	-7,591	0,055	0,268
CHR17	8423222	CHR17:8423222	SSF x LoA	-7,507	-0,164	0,285
CHR17	844459	CHR17:844459	SSF x LoA	-8,734	-0,032	0,289
CHR17	844472	CHR17:844472	SSF x LoA	-9,757	-0,015	0,277
CHR17	844493	CHR17:844493	SSF x LoA	-9,823	0,025	0,293
CHR17	844519	CHR17:844519	SSF x LoA	-6,354	0,129	0,282
CHR17	8445682	CHR17:8445682	SSF x LoA	-9,307	-0,082	0,281
CHR17	8456321	CHR17:8456321	SSF x LoA	-8,136	-0,018	0,286
CHR17	8456433	CHR17:8456433	SSF x LoA	-7,665	0,027	0,296
CHR17	8456462	CHR17:8456462	SSF x LoA	-10,211	-0,072	0,290
CHR17	8456489	CHR17:8456489	SSF x LoA	-8,137	0,072	0,295
CHR17	8463281	CHR17:8463281	SSF x LoA	-10,760	0,000	0,295
CHR17	8464837	CHR17:8464837	SSF x LoA	-6,908	0,078	0,312
CHR17	8464856	CHR17:8464856	SSF x LoA	-8,304	-0,078	0,289
CHR17	8464900	CHR17:8464900	SSF x LoA	-4,892	0,067	0,308
CHR17	8464915	CHR17:8464915	SSF x LoA	-6,637	0,055	0,303
CHR17	8468517	CHR17:8468517	SSF x LoA	-6,918	0,081	0,296
CHR17	8468553	CHR17:8468553	SSF x LoA	-7,600	0,076	0,293
CHR17	8468620	CHR17:8468620	SSF x LoA	-10,319	0,067	0,303
CHR17	8470079	CHR17:8470079	SSF x LoA	-5,908	0,134	0,287
CHR17	8470093	CHR17:8470093	SSF x LoA	-6,525	0,090	0,295
CHR17	8470100	CHR17:8470100	SSF x LoA	-7,084	0,135	0,286
CHR17	8470153	CHR17:8470153	SSF x LoA	-5,916	0,146	0,299
CHR17	8471285	CHR17:8471285	SSF x LoA	-3,429	0,153	0,288
CHR17	8471434	CHR17:8471434	SSF x LoA	-10,028	0,061	0,292
CHR17	847812	CHR17:847812	SSF x LoA	-10,236	0,081	0,272
CHR17	847846	CHR17:847846	SSF x LoA	-10,667	0,049	0,296
CHR17	847880	CHR17:847880	SSF x LoA	-8,534	0,011	0,294
CHR17	848040	CHR17:848040	SSF x LoA	-7,358	0,058	0,293
CHR17	8505301	CHR17:8505301	SSF x LoA	-8,502	0,061	0,276
CHR17	8516925	CHR17:8516925	SSF x LoA	-7,226	0,075	0,296
CHR17	8516932	CHR17:8516932	SSF x LoA	-7,854	-0,066	0,295
CHR17	8516955	CHR17:8516955	SSF x LoA	-8,759	-0,140	0,285
CHR17	8516987	CHR17:8516987	SSF x LoA	-10,440	0,003	0,293
CHR17	8517105	CHR17:8517105	SSF x LoA	-7,784	-0,127	0,291
CHR17	8517143	CHR17:8517143	SSF x LoA	-8,358	-0,013	0,292
CHR17	8517173	CHR17:8517173	SSF x LoA	-7,816	-0,030	0,282
CHR17	8522283	CHR17:8522283	SSF x LoA	-8,405	0,131	0,282

CHR17	8522320	CHR17:8522320	SSF x LoA	-10,079	0,062	0,288
CHR17	8522391	CHR17:8522391	SSF x LoA	-6,286	0,205	0,289
CHR17	8522414	CHR17:8522414	SSF x LoA	-3,708	-0,161	0,284
CHR17	8522490	CHR17:8522490	SSF x LoA	-7,382	-0,164	0,286
CHR17	8525457	CHR17:8525457	SSF x LoA	-9,575	-0,015	0,294
CHR17	8531597	CHR17:8531597	SSF x LoA	-7,625	0,113	0,283
CHR17	8535787	CHR17:8535787	SSF x LoA	-9,875	-0,027	0,287
CHR17	8535791	CHR17:8535791	SSF x LoA	-9,647	0,005	0,288
CHR17	8535829	CHR17:8535829	SSF x LoA	-8,522	-0,091	0,291
CHR17	8535833	CHR17:8535833	SSF x LoA	-7,978	-0,096	0,290
CHR17	8535901	CHR17:8535901	SSF x LoA	-10,667	-0,006	0,293
CHR17	855010	CHR17:855010	SSF x LoA	-7,747	-0,042	0,288
CHR17	855064	CHR17:855064	SSF x LoA	-9,908	0,048	0,305
CHR17	855167	CHR17:855167	SSF x LoA	-9,459	0,003	0,283
CHR17	855200	CHR17:855200	SSF x LoA	-6,393	-0,055	0,305
CHR17	855299	CHR17:855299	SSF x LoA	-9,973	-0,110	0,286
CHR17	855342	CHR17:855342	SSF x LoA	-8,474	-0,161	0,269
CHR17	855374	CHR17:855374	SSF x LoA	-7,499	-0,099	0,298
CHR17	8559685	CHR17:8559685	SSF x LoA	-9,002	0,032	0,289
CHR17	8579758	CHR17:8579758	SSF x LoA	-10,373	-0,021	0,280
CHR17	8579812	CHR17:8579812	SSF x LoA	-4,185	-0,238	0,271
CHR17	8579925	CHR17:8579925	SSF x LoA	-7,127	0,051	0,285
CHR17	8579949	CHR17:8579949	SSF x LoA	-7,517	-0,082	0,287
CHR17	8579951	CHR17:8579951	SSF x LoA	-10,256	-0,039	0,286
CHR17	8579961	CHR17:8579961	SSF x LoA	-8,311	0,114	0,293
CHR17	8579982	CHR17:8579982	SSF x LoA	-10,393	-0,025	0,277
CHR17	8580130	CHR17:8580130	SSF x LoA	-9,967	0,034	0,300
CHR17	8580167	CHR17:8580167	SSF x LoA	-6,642	-0,230	0,278
CHR17	8587892	CHR17:8587892	SSF x LoA	-10,262	0,040	0,283
CHR17	8594683	CHR17:8594683	SSF x LoA	-7,332	-0,107	0,286
CHR17	8594706	CHR17:8594706	SSF x LoA	-8,302	-0,106	0,295
CHR17	8594716	CHR17:8594716	SSF x LoA	-8,772	-0,070	0,296
CHR17	8594718	CHR17:8594718	SSF x LoA	-8,186	0,144	0,267
CHR17	8594743	CHR17:8594743	SSF x LoA	-6,669	-0,098	0,296
CHR17	8594823	CHR17:8594823	SSF x LoA	-7,965	-0,135	0,284
CHR17	8594839	CHR17:8594839	SSF x LoA	-6,395	-0,126	0,291
CHR17	8594850	CHR17:8594850	SSF x LoA	-8,107	-0,083	0,290
CHR17	8594856	CHR17:8594856	SSF x LoA	-4,800	-0,167	0,288
CHR17	8598153	CHR17:8598153	SSF x LoA	-8,519	0,048	0,290
CHR17	8600454	CHR17:8600454	SSF x LoA	-9,055	-0,149	0,284
CHR17	8610061	CHR17:8610061	SSF x LoA	-9,166	0,033	0,293
CHR17	8610104	CHR17:8610104	SSF x LoA	-9,301	0,036	0,289
CHR17	8613011	CHR17:8613011	SSF x LoA	-11,347	-0,085	0,299
CHR17	8614691	CHR17:8614691	SSF x LoA	-6,736	0,014	0,290
CHR17	8614703	CHR17:8614703	SSF x LoA	-5,867	-0,127	0,293
CHR17	8614711	CHR17:8614711	SSF x LoA	-9,222	-0,003	0,283
CHR17	8614714	CHR17:8614714	SSF x LoA	-8,879	-0,021	0,277
CHR17	8614732	CHR17:8614732	SSF x LoA	-0,931	-0,054	0,284
CHR17	8614752	CHR17:8614752	SSF x LoA	-8,239	0,031	0,301
CHR17	8614753	CHR17:8614753	SSF x LoA	-9,424	0,008	0,289
CHR17	8614766	CHR17:8614766	SSF x LoA	-9,346	0,011	0,289
CHR17	8614823	CHR17:8614823	SSF x LoA	-5,665	0,067	0,272
CHR17	8614895	CHR17:8614895	SSF x LoA	-8,147	0,082	0,271

CHR17	8614906	CHR17:8614906	SSF x LoA	-7,513	0,083	0,274
CHR17	8614966	CHR17:8614966	SSF x LoA	9,264	0,267	0,280
CHR17	8620371	CHR17:8620371	SSF x LoA	-6,388	0,142	0,297
CHR17	8620419	CHR17:8620419	SSF x LoA	-10,535	0,011	0,286
CHR17	8620421	CHR17:8620421	SSF x LoA	-6,533	-0,011	0,299
CHR17	8620593	CHR17:8620593	SSF x LoA	-11,094	0,000	0,284
CHR17	8637262	CHR17:8637262	SSF x LoA	-7,884	0,162	0,290
CHR17	8637412	CHR17:8637412	SSF x LoA	-5,030	-0,044	0,264
CHR17	8657014	CHR17:8657014	SSF x LoA	-10,412	0,131	0,281
CHR17	8668456	CHR17:8668456	SSF x LoA	-9,699	-0,018	0,288
CHR17	8668544	CHR17:8668544	SSF x LoA	-5,840	0,116	0,297
CHR17	8668565	CHR17:8668565	SSF x LoA	-8,343	0,129	0,267
CHR17	8668605	CHR17:8668605	SSF x LoA	-6,930	-0,006	0,289
CHR17	8668626	CHR17:8668626	SSF x LoA	-6,305	0,060	0,294
CHR17	8668660	CHR17:8668660	SSF x LoA	-8,139	0,039	0,303
CHR17	8668678	CHR17:8668678	SSF x LoA	-10,370	0,043	0,295
CHR17	8671253	CHR17:8671253	SSF x LoA	-6,977	0,034	0,293
CHR17	8671264	CHR17:8671264	SSF x LoA	-9,632	-0,046	0,286
CHR17	8678916	CHR17:8678916	SSF x LoA	-8,276	-0,042	0,296
CHR17	8679792	CHR17:8679792	SSF x LoA	-9,311	0,008	0,284
CHR17	8679841	CHR17:8679841	SSF x LoA	-11,208	-0,061	0,284
CHR17	8679865	CHR17:8679865	SSF x LoA	-9,641	0,023	0,288
CHR17	8679931	CHR17:8679931	SSF x LoA	-8,249	-0,002	0,293
CHR17	8683148	CHR17:8683148	SSF x LoA	-10,759	0,047	0,291
CHR17	8686522	CHR17:8686522	SSF x LoA	-9,649	0,106	0,294
CHR17	8696364	CHR17:8696364	SSF x LoA	-8,840	0,107	0,293
CHR17	8696404	CHR17:8696404	SSF x LoA	-9,284	-0,007	0,284
CHR17	8696456	CHR17:8696456	SSF x LoA	-7,769	0,038	0,307
CHR17	8698605	CHR17:8698605	SSF x LoA	-9,833	-0,017	0,281
CHR17	8698610	CHR17:8698610	SSF x LoA	-9,286	-0,105	0,284
CHR17	8698657	CHR17:8698657	SSF x LoA	-5,036	0,170	0,280
CHR17	8698666	CHR17:8698666	SSF x LoA	-8,356	-0,018	0,308
CHR17	8698686	CHR17:8698686	SSF x LoA	-0,671	0,197	0,274
CHR17	8698704	CHR17:8698704	SSF x LoA	-2,186	0,195	0,288
CHR17	8712462	CHR17:8712462	SSF x LoA	-7,184	0,053	0,288
CHR17	8714043	CHR17:8714043	SSF x LoA	-8,118	0,079	0,288
CHR17	8714083	CHR17:8714083	SSF x LoA	-7,195	0,112	0,293
CHR17	8714190	CHR17:8714190	SSF x LoA	-7,479	0,116	0,284
CHR17	8714295	CHR17:8714295	SSF x LoA	-8,364	-0,096	0,284
CHR17	8728670	CHR17:8728670	SSF x LoA	-10,646	0,004	0,282
CHR17	8730455	CHR17:8730455	SSF x LoA	-10,701	-0,067	0,299
CHR17	8741083	CHR17:8741083	SSF x LoA	-6,908	0,064	0,295
CHR17	8741194	CHR17:8741194	SSF x LoA	-9,845	0,094	0,301
CHR17	8741197	CHR17:8741197	SSF x LoA	-7,532	0,126	0,275
CHR17	8761724	CHR17:8761724	SSF x LoA	-6,121	-0,179	0,271
CHR17	8770320	CHR17:8770320	SSF x LoA	-8,357	0,011	0,304
CHR17	8773152	CHR17:8773152	SSF x LoA	-5,195	0,138	0,290
CHR17	8781661	CHR17:8781661	SSF x LoA	-10,209	-0,005	0,277
CHR17	8794105	CHR17:8794105	SSF x LoA	-6,359	-0,125	0,297
CHR17	8794226	CHR17:8794226	SSF x LoA	-10,320	0,022	0,271
CHR17	8794292	CHR17:8794292	SSF x LoA	-9,807	-0,110	0,288
CHR17	8801395	CHR17:8801395	SSF x LoA	-6,495	0,180	0,295
CHR17	8801398	CHR17:8801398	SSF x LoA	-7,817	0,183	0,289

CHR17	8801448	CHR17:8801448	SSF x LoA	-8,749	0,028	0,294
CHR17	8801449	CHR17:8801449	SSF x LoA	-7,733	0,054	0,300
CHR17	8803453	CHR17:8803453	SSF x LoA	-7,964	0,066	0,289
CHR17	8804980	CHR17:8804980	SSF x LoA	-7,090	-0,039	0,290
CHR17	8805004	CHR17:8805004	SSF x LoA	-9,611	-0,018	0,276
CHR17	8805011	CHR17:8805011	SSF x LoA	-8,480	-0,032	0,286
CHR17	8805014	CHR17:8805014	SSF x LoA	-6,293	-0,030	0,300
CHR17	8805019	CHR17:8805019	SSF x LoA	-8,270	-0,052	0,291
CHR17	8805066	CHR17:8805066	SSF x LoA	-8,659	-0,084	0,275
CHR17	8809929	CHR17:8809929	SSF x LoA	-8,880	0,018	0,287
CHR17	8813368	CHR17:8813368	SSF x LoA	-9,428	0,025	0,276
CHR17	8813396	CHR17:8813396	SSF x LoA	-10,401	0,006	0,270
CHR17	8813549	CHR17:8813549	SSF x LoA	-9,046	-0,042	0,278
CHR17	8819586	CHR17:8819586	SSF x LoA	-7,823	-0,122	0,284
CHR17	8829265	CHR17:8829265	SSF x LoA	-5,253	0,230	0,277
CHR17	8833605	CHR17:8833605	SSF x LoA	-11,771	-0,021	0,281
CHR17	8834820	CHR17:8834820	SSF x LoA	-7,584	-0,106	0,300
CHR17	8834822	CHR17:8834822	SSF x LoA	-3,137	-0,043	0,289
CHR17	8834856	CHR17:8834856	SSF x LoA	-9,169	0,071	0,286
CHR17	8834880	CHR17:8834880	SSF x LoA	-3,793	0,173	0,298
CHR17	8834959	CHR17:8834959	SSF x LoA	-7,194	0,070	0,297
CHR17	8834960	CHR17:8834960	SSF x LoA	-7,401	0,047	0,274
CHR17	8834984	CHR17:8834984	SSF x LoA	-10,058	-0,018	0,286
CHR17	8835045	CHR17:8835045	SSF x LoA	-8,988	-0,042	0,278
CHR17	8835066	CHR17:8835066	SSF x LoA	-4,966	0,095	0,287
CHR17	8843108	CHR17:8843108	SSF x LoA	-8,141	-0,079	0,294
CHR17	8843153	CHR17:8843153	SSF x LoA	-9,903	-0,030	0,288
CHR17	8848763	CHR17:8848763	SSF x LoA	-10,869	-0,035	0,277
CHR17	8848772	CHR17:8848772	SSF x LoA	-9,845	-0,021	0,293
CHR17	8848963	CHR17:8848963	SSF x LoA	-9,504	-0,087	0,290
CHR17	8849059	CHR17:8849059	SSF x LoA	-6,962	-0,130	0,282
CHR17	8861250	CHR17:8861250	SSF x LoA	-10,059	-0,056	0,290
CHR17	8872773	CHR17:8872773	SSF x LoA	-4,544	-0,191	0,275
CHR17	8872821	CHR17:8872821	SSF x LoA	-11,098	0,031	0,285
CHR17	8872841	CHR17:8872841	SSF x LoA	-9,827	0,006	0,295
CHR17	8872888	CHR17:8872888	SSF x LoA	-8,371	-0,135	0,281
CHR17	8876902	CHR17:8876902	SSF x LoA	-9,061	0,135	0,285
CHR17	8876931	CHR17:8876931	SSF x LoA	-8,368	-0,017	0,287
CHR17	8876988	CHR17:8876988	SSF x LoA	-8,654	0,167	0,284
CHR17	8876993	CHR17:8876993	SSF x LoA	-8,768	-0,109	0,287
CHR17	888912	CHR17:888912	SSF x LoA	-4,188	-0,225	0,256
CHR17	888919	CHR17:888919	SSF x LoA	-2,619	-0,220	0,270
CHR17	888928	CHR17:888928	SSF x LoA	-5,621	-0,192	0,274
CHR17	889000	CHR17:889000	SSF x LoA	-11,130	0,020	0,295
CHR17	889017	CHR17:889017	SSF x LoA	-7,725	-0,092	0,264
CHR17	889018	CHR17:889018	SSF x LoA	-7,605	-0,111	0,273
CHR17	889019	CHR17:889019	SSF x LoA	-6,880	-0,097	0,283
CHR17	889066	CHR17:889066	SSF x LoA	-9,138	-0,098	0,280
CHR17	889089	CHR17:889089	SSF x LoA	-10,380	-0,076	0,276
CHR17	8893780	CHR17:8893780	SSF x LoA	-7,398	-0,150	0,296
CHR17	8893850	CHR17:8893850	SSF x LoA	-10,155	-0,078	0,283
CHR17	8893863	CHR17:8893863	SSF x LoA	-8,782	-0,056	0,312
CHR17	8893881	CHR17:8893881	SSF x LoA	-5,605	-0,166	0,281

CHR17	8893882	CHR17:8893882	SSF x LoA	-6,915	-0,117	0,280
CHR17	8893884	CHR17:8893884	SSF x LoA	-8,171	-0,111	0,287
CHR17	8893943	CHR17:8893943	SSF x LoA	-5,228	-0,143	0,301
CHR17	8894013	CHR17:8894013	SSF x LoA	-6,252	-0,166	0,291
CHR17	8896653	CHR17:8896653	SSF x LoA	-9,483	0,021	0,290
CHR17	8896722	CHR17:8896722	SSF x LoA	-8,827	-0,209	0,279
CHR17	8896864	CHR17:8896864	SSF x LoA	-2,527	-0,228	0,274
CHR17	8902379	CHR17:8902379	SSF x LoA	-8,416	-0,003	0,286
CHR17	8902462	CHR17:8902462	SSF x LoA	-9,670	-0,044	0,297
CHR17	8902509	CHR17:8902509	SSF x LoA	-4,850	0,133	0,297
CHR17	8902577	CHR17:8902577	SSF x LoA	-9,738	0,079	0,284
CHR17	8906409	CHR17:8906409	SSF x LoA	-3,872	-0,109	0,290
CHR17	8906450	CHR17:8906450	SSF x LoA	-8,242	0,094	0,280
CHR17	8906765	CHR17:8906765	SSF x LoA	-7,596	0,099	0,290
CHR17	8906766	CHR17:8906766	SSF x LoA	-7,445	-0,024	0,301
CHR17	8914699	CHR17:8914699	SSF x LoA	-9,063	-0,189	0,277
CHR17	8916317	CHR17:8916317	SSF x LoA	-9,354	-0,154	0,282
CHR17	8922242	CHR17:8922242	SSF x LoA	-9,847	-0,049	0,263
CHR17	8922263	CHR17:8922263	SSF x LoA	-7,169	0,037	0,287
CHR17	8922309	CHR17:8922309	SSF x LoA	-7,225	0,160	0,286
CHR17	8922337	CHR17:8922337	SSF x LoA	-7,969	0,020	0,301
CHR17	8922343	CHR17:8922343	SSF x LoA	-11,588	0,012	0,278
CHR17	8922422	CHR17:8922422	SSF x LoA	-7,143	-0,121	0,278
CHR17	8930075	CHR17:8930075	SSF x LoA	-7,198	-0,073	0,298
CHR17	8930105	CHR17:8930105	SSF x LoA	-9,095	0,019	0,304
CHR17	893013	CHR17:893013	SSF x LoA	-6,468	0,092	0,291
CHR17	8930139	CHR17:8930139	SSF x LoA	-9,693	0,029	0,287
CHR17	8930260	CHR17:8930260	SSF x LoA	-8,316	-0,018	0,293
CHR17	893029	CHR17:893029	SSF x LoA	-10,074	0,041	0,289
CHR17	8930323	CHR17:8930323	SSF x LoA	-8,810	-0,042	0,291
CHR17	893049	CHR17:893049	SSF x LoA	-6,934	-0,041	0,275
CHR17	893074	CHR17:893074	SSF x LoA	-10,700	-0,097	0,276
CHR17	893075	CHR17:893075	SSF x LoA	-7,029	0,114	0,284
CHR17	893084	CHR17:893084	SSF x LoA	-10,100	-0,036	0,290
CHR17	8937647	CHR17:8937647	SSF x LoA	-10,084	-0,010	0,290
CHR17	8937710	CHR17:8937710	SSF x LoA	-5,451	-0,124	0,288
CHR17	8937744	CHR17:8937744	SSF x LoA	-10,934	0,030	0,297
CHR17	8938822	CHR17:8938822	SSF x LoA	-9,721	0,041	0,300
CHR17	8938846	CHR17:8938846	SSF x LoA	-9,936	-0,028	0,285
CHR17	8938993	CHR17:8938993	SSF x LoA	-8,985	-0,023	0,295
CHR17	8938994	CHR17:8938994	SSF x LoA	-10,601	-0,048	0,300
CHR17	8940143	CHR17:8940143	SSF x LoA	-8,546	-0,031	0,293
CHR17	8940372	CHR17:8940372	SSF x LoA	-10,315	0,013	0,288
CHR17	8943517	CHR17:8943517	SSF x LoA	-7,789	0,040	0,289
CHR17	8948048	CHR17:8948048	SSF x LoA	-9,673	-0,106	0,286
CHR17	8948071	CHR17:8948071	SSF x LoA	-8,495	0,028	0,299
CHR17	8948194	CHR17:8948194	SSF x LoA	-9,507	0,045	0,285
CHR17	8953043	CHR17:8953043	SSF x LoA	-7,153	-0,159	0,283
CHR17	8955195	CHR17:8955195	SSF x LoA	-7,286	-0,090	0,291
CHR17	8970972	CHR17:8970972	SSF x LoA	-9,676	0,025	0,293
CHR17	8971033	CHR17:8971033	SSF x LoA	-9,094	0,085	0,279
CHR17	8971274	CHR17:8971274	SSF x LoA	-7,777	0,044	0,303
CHR17	899388	CHR17:899388	SSF x LoA	-3,642	-0,124	0,286

CHR17	899435	CHR17:899435	SSF x LoA	-9,172	-0,049	0,285
CHR17	899449	CHR17:899449	SSF x LoA	-6,487	0,009	0,279
CHR17	899576	CHR17:899576	SSF x LoA	-8,847	-0,021	0,303
CHR17	9000002	CHR17:9000002	SSF x LoA	-9,489	0,064	0,300
CHR17	9000019	CHR17:9000019	SSF x LoA	-6,063	-0,172	0,283
CHR17	9000131	CHR17:9000131	SSF x LoA	-9,589	0,003	0,295
CHR17	9000164	CHR17:9000164	SSF x LoA	-9,922	0,005	0,305
CHR17	9000227	CHR17:9000227	SSF x LoA	-10,082	0,073	0,299
CHR17	9000245	CHR17:9000245	SSF x LoA	-9,461	-0,168	0,279
CHR17	9000252	CHR17:9000252	SSF x LoA	-10,295	0,054	0,291
CHR17	9000308	CHR17:9000308	SSF x LoA	-11,161	0,068	0,283
CHR17	9002237	CHR17:9002237	SSF x LoA	-10,643	-0,008	0,283
CHR17	9002266	CHR17:9002266	SSF x LoA	-6,023	0,107	0,268
CHR17	9003904	CHR17:9003904	SSF x LoA	-6,974	0,006	0,306
CHR17	9004042	CHR17:9004042	SSF x LoA	-6,747	0,206	0,288
CHR17	9004123	CHR17:9004123	SSF x LoA	-6,013	-0,093	0,274
CHR17	9004126	CHR17:9004126	SSF x LoA	-0,119	-0,087	0,295
CHR17	9007883	CHR17:9007883	SSF x LoA	-7,083	-0,115	0,290
CHR17	9007904	CHR17:9007904	SSF x LoA	-8,551	-0,124	0,282
CHR17	9007917	CHR17:9007917	SSF x LoA	-7,869	-0,104	0,291
CHR17	9008034	CHR17:9008034	SSF x LoA	-7,672	0,137	0,287
CHR17	9008096	CHR17:9008096	SSF x LoA	-8,216	-0,105	0,300
CHR17	9013521	CHR17:9013521	SSF x LoA	-1,480	0,179	0,294
CHR17	9013556	CHR17:9013556	SSF x LoA	-7,856	-0,122	0,293
CHR17	9017855	CHR17:9017855	SSF x LoA	-10,261	0,002	0,286
CHR17	9017884	CHR17:9017884	SSF x LoA	-8,902	-0,031	0,294
CHR17	9018034	CHR17:9018034	SSF x LoA	-9,426	-0,081	0,287
CHR17	9018074	CHR17:9018074	SSF x LoA	-9,710	0,098	0,289
CHR17	9021882	CHR17:9021882	SSF x LoA	-9,538	-0,057	0,290
CHR17	9021919	CHR17:9021919	SSF x LoA	-8,983	-0,070	0,294
CHR17	9021945	CHR17:9021945	SSF x LoA	-8,661	-0,026	0,299
CHR17	9021990	CHR17:9021990	SSF x LoA	-8,300	-0,057	0,291
CHR17	9022004	CHR17:9022004	SSF x LoA	-7,716	-0,055	0,294
CHR17	9022032	CHR17:9022032	SSF x LoA	-6,765	-0,050	0,293
CHR17	9022109	CHR17:9022109	SSF x LoA	-9,564	-0,055	0,292
CHR17	9036570	CHR17:9036570	SSF x LoA	-9,160	-0,075	0,292
CHR17	904517	CHR17:904517	SSF x LoA	-8,957	-0,043	0,290
CHR17	904530	CHR17:904530	SSF x LoA	-11,778	0,021	0,285
CHR17	904531	CHR17:904531	SSF x LoA	-8,482	-0,058	0,300
CHR17	904534	CHR17:904534	SSF x LoA	-7,103	-0,048	0,297
CHR17	904547	CHR17:904547	SSF x LoA	-1,477	0,070	0,289
CHR17	904566	CHR17:904566	SSF x LoA	-11,128	-0,013	0,284
CHR17	9050658	CHR17:9050658	SSF x LoA	-8,609	0,052	0,296
CHR17	9050839	CHR17:9050839	SSF x LoA	-10,164	-0,014	0,276
CHR17	9057443	CHR17:9057443	SSF x LoA	-10,593	-0,047	0,286
CHR17	9058975	CHR17:9058975	SSF x LoA	-7,575	0,103	0,280
CHR17	9068891	CHR17:9068891	SSF x LoA	-10,369	-0,033	0,288
CHR17	9098088	CHR17:9098088	SSF x LoA	-8,226	-0,011	0,300
CHR17	9098117	CHR17:9098117	SSF x LoA	-7,065	-0,138	0,272
CHR17	9098210	CHR17:9098210	SSF x LoA	-11,326	-0,028	0,283
CHR17	9101408	CHR17:9101408	SSF x LoA	-11,328	0,017	0,295
CHR17	9101448	CHR17:9101448	SSF x LoA	-9,306	0,023	0,295
CHR17	9101469	CHR17:9101469	SSF x LoA	-8,788	0,051	0,293

CHR17	9101481	CHR17:9101481	SSF x LoA	-6,112	-0,121	0,282
CHR17	9101624	CHR17:9101624	SSF x LoA	-10,091	0,027	0,286
CHR17	9107163	CHR17:9107163	SSF x LoA	-6,816	-0,074	0,298
CHR17	9107167	CHR17:9107167	SSF x LoA	-8,235	-0,055	0,299
CHR17	9117704	CHR17:9117704	SSF x LoA	-6,047	-0,203	0,274
CHR17	911771	CHR17:911771	SSF x LoA	-5,298	-0,071	0,306
CHR17	9117765	CHR17:9117765	SSF x LoA	1,623	-0,207	0,268
CHR17	9117779	CHR17:9117779	SSF x LoA	-4,419	-0,199	0,282
CHR17	9117783	CHR17:9117783	SSF x LoA	-5,335	-0,162	0,276
CHR17	911836	CHR17:911836	SSF x LoA	-9,655	-0,007	0,299
CHR17	911908	CHR17:911908	SSF x LoA	-7,694	0,156	0,286
CHR17	911933	CHR17:911933	SSF x LoA	-6,203	-0,060	0,280
CHR17	9122355	CHR17:9122355	SSF x LoA	-10,323	0,038	0,298
CHR17	9131035	CHR17:9131035	SSF x LoA	-7,989	-0,063	0,268
CHR17	9133575	CHR17:9133575	SSF x LoA	-10,954	-0,083	0,281
CHR17	9135592	CHR17:9135592	SSF x LoA	-10,169	-0,015	0,305
CHR17	9135611	CHR17:9135611	SSF x LoA	-10,498	-0,026	0,294
CHR17	9136783	CHR17:9136783	SSF x LoA	12,785	0,180	0,288
CHR17	9136819	CHR17:9136819	SSF x LoA	-8,697	0,097	0,284
CHR17	9140109	CHR17:9140109	SSF x LoA	-8,866	0,080	0,285
CHR17	9140112	CHR17:9140112	SSF x LoA	-7,882	0,101	0,296
CHR17	9145006	CHR17:9145006	SSF x LoA	-10,354	0,004	0,292
CHR17	9145015	CHR17:9145015	SSF x LoA	-8,056	-0,188	0,283
CHR17	9145093	CHR17:9145093	SSF x LoA	-7,842	-0,038	0,288
CHR17	9151297	CHR17:9151297	SSF x LoA	-6,152	0,164	0,297
CHR17	9151542	CHR17:9151542	SSF x LoA	-4,092	0,122	0,300
CHR17	9156780	CHR17:9156780	SSF x LoA	-7,489	-0,121	0,282
CHR17	9156798	CHR17:9156798	SSF x LoA	-5,562	0,057	0,279
CHR17	9169117	CHR17:9169117	SSF x LoA	-9,191	-0,118	0,284
CHR17	9169122	CHR17:9169122	SSF x LoA	-7,624	-0,150	0,289
CHR17	9169128	CHR17:9169128	SSF x LoA	-8,496	-0,117	0,300
CHR17	9169129	CHR17:9169129	SSF x LoA	-10,587	0,015	0,287
CHR17	9169162	CHR17:9169162	SSF x LoA	-7,196	-0,147	0,292
CHR17	9169190	CHR17:9169190	SSF x LoA	-9,809	-0,008	0,286
CHR17	9169229	CHR17:9169229	SSF x LoA	-5,827	0,018	0,295
CHR17	9170504	CHR17:9170504	SSF x LoA	-8,613	0,040	0,302
CHR17	9171695	CHR17:9171695	SSF x LoA	-8,246	0,080	0,295
CHR17	9171721	CHR17:9171721	SSF x LoA	-8,875	0,126	0,292
CHR17	9171772	CHR17:9171772	SSF x LoA	-2,467	-0,176	0,273
CHR17	9171773	CHR17:9171773	SSF x LoA	-8,132	0,113	0,284
CHR17	9171774	CHR17:9171774	SSF x LoA	-7,629	0,116	0,295
CHR17	9171821	CHR17:9171821	SSF x LoA	-6,496	-0,150	0,269
CHR17	9171867	CHR17:9171867	SSF x LoA	-10,325	-0,073	0,275
CHR17	9216067	CHR17:9216067	SSF x LoA	-10,299	0,025	0,288
CHR17	9232456	CHR17:9232456	SSF x LoA	-6,703	-0,093	0,285
CHR17	9232580	CHR17:9232580	SSF x LoA	-10,897	0,020	0,275
CHR17	9233142	CHR17:9233142	SSF x LoA	-11,554	0,036	0,291
CHR17	9233855	CHR17:9233855	SSF x LoA	-3,522	0,142	0,302
CHR17	9233859	CHR17:9233859	SSF x LoA	-7,399	0,142	0,285
CHR17	9234789	CHR17:9234789	SSF x LoA	-8,830	0,117	0,289
CHR17	9234795	CHR17:9234795	SSF x LoA	-10,602	-0,050	0,299
CHR17	9234799	CHR17:9234799	SSF x LoA	-7,606	0,042	0,281
CHR17	9234832	CHR17:9234832	SSF x LoA	-11,335	-0,073	0,282

CHR17	9234842	CHR17:9234842	SSF x LoA	-10,044	-0,067	0,301
CHR17	9235869	CHR17:9235869	SSF x LoA	-9,902	0,047	0,293
CHR17	9245691	CHR17:9245691	SSF x LoA	-9,249	0,132	0,269
CHR17	9246672	CHR17:9246672	SSF x LoA	-5,297	0,171	0,281
CHR17	9246706	CHR17:9246706	SSF x LoA	-9,232	-0,096	0,277
CHR17	9252460	CHR17:9252460	SSF x LoA	-9,164	-0,022	0,283
CHR17	9252467	CHR17:9252467	SSF x LoA	-9,196	0,004	0,295
CHR17	9252494	CHR17:9252494	SSF x LoA	-10,567	-0,028	0,295
CHR17	925311	CHR17:925311	SSF x LoA	-7,078	-0,113	0,295
CHR17	9256838	CHR17:9256838	SSF x LoA	-5,171	-0,184	0,281
CHR17	9260669	CHR17:9260669	SSF x LoA	-9,846	-0,019	0,292
CHR17	9260696	CHR17:9260696	SSF x LoA	-5,434	-0,139	0,283
CHR17	9260715	CHR17:9260715	SSF x LoA	-10,163	-0,054	0,293
CHR17	9268172	CHR17:9268172	SSF x LoA	-8,779	0,061	0,281
CHR17	9268176	CHR17:9268176	SSF x LoA	-7,191	-0,030	0,288
CHR17	9268228	CHR17:9268228	SSF x LoA	-8,131	0,008	0,281
CHR17	9268247	CHR17:9268247	SSF x LoA	-8,041	0,036	0,287
CHR17	9268270	CHR17:9268270	SSF x LoA	-6,840	0,032	0,292
CHR17	9268347	CHR17:9268347	SSF x LoA	-10,258	-0,039	0,282
CHR17	9268381	CHR17:9268381	SSF x LoA	-9,790	-0,023	0,306
CHR17	9268406	CHR17:9268406	SSF x LoA	-9,000	0,084	0,288
CHR17	9284669	CHR17:9284669	SSF x LoA	-8,650	0,033	0,290
CHR17	9284750	CHR17:9284750	SSF x LoA	-8,995	-0,061	0,288
CHR17	9290795	CHR17:9290795	SSF x LoA	-8,807	0,020	0,291
CHR17	9297443	CHR17:9297443	SSF x LoA	-9,425	0,021	0,291
CHR17	9297510	CHR17:9297510	SSF x LoA	-7,674	-0,112	0,289
CHR17	9297680	CHR17:9297680	SSF x LoA	-8,827	0,041	0,292
CHR17	9312225	CHR17:9312225	SSF x LoA	-10,372	0,021	0,267
CHR17	9312306	CHR17:9312306	SSF x LoA	-9,415	0,081	0,291
CHR17	9314547	CHR17:9314547	SSF x LoA	-4,185	0,019	0,291
CHR17	9314610	CHR17:9314610	SSF x LoA	-6,788	-0,129	0,293
CHR17	9314628	CHR17:9314628	SSF x LoA	-8,955	-0,133	0,290
CHR17	9314755	CHR17:9314755	SSF x LoA	-9,338	-0,115	0,282
CHR17	9330645	CHR17:9330645	SSF x LoA	-8,279	0,043	0,289
CHR17	933866	CHR17:933866	SSF x LoA	-9,847	-0,042	0,283
CHR17	933876	CHR17:933876	SSF x LoA	-7,956	-0,067	0,286
CHR17	933877	CHR17:933877	SSF x LoA	-8,191	-0,013	0,305
CHR17	9338801	CHR17:9338801	SSF x LoA	-6,040	-0,129	0,293
CHR17	933882	CHR17:933882	SSF x LoA	-8,159	0,038	0,290
CHR17	9338886	CHR17:9338886	SSF x LoA	-8,105	0,073	0,282
CHR17	9338907	CHR17:9338907	SSF x LoA	-10,351	0,045	0,286
CHR17	933894	CHR17:933894	SSF x LoA	-7,698	-0,043	0,290
CHR17	933904	CHR17:933904	SSF x LoA	-10,289	0,086	0,294
CHR17	933932	CHR17:933932	SSF x LoA	-8,787	-0,059	0,300
CHR17	933934	CHR17:933934	SSF x LoA	-10,148	0,029	0,295
CHR17	933948	CHR17:933948	SSF x LoA	-9,933	0,073	0,278
CHR17	933968	CHR17:933968	SSF x LoA	-8,908	0,018	0,290
CHR17	933970	CHR17:933970	SSF x LoA	-9,252	-0,046	0,279
CHR17	933974	CHR17:933974	SSF x LoA	-8,536	0,000	0,295
CHR17	933994	CHR17:933994	SSF x LoA	-8,827	0,005	0,288
CHR17	934014	CHR17:934014	SSF x LoA	-8,930	-0,059	0,291
CHR17	934078	CHR17:934078	SSF x LoA	-8,606	-0,009	0,300
CHR17	9343406	CHR17:9343406	SSF x LoA	-9,512	-0,104	0,294

CHR17	9343571	CHR17:9343571	SSF x LoA	-10,124	0,116	0,290
CHR17	9343626	CHR17:9343626	SSF x LoA	6,099	0,188	0,289
CHR17	9343651	CHR17:9343651	SSF x LoA	-4,593	-0,016	0,292
CHR17	9343656	CHR17:9343656	SSF x LoA	-2,820	0,015	0,273
CHR17	9343669	CHR17:9343669	SSF x LoA	-6,074	0,132	0,288
CHR17	9351665	CHR17:9351665	SSF x LoA	-8,999	0,042	0,288
CHR17	9351752	CHR17:9351752	SSF x LoA	-1,163	0,198	0,273
CHR17	9351839	CHR17:9351839	SSF x LoA	-9,781	0,118	0,296
CHR17	9356264	CHR17:9356264	SSF x LoA	-10,889	-0,005	0,290
CHR17	9365234	CHR17:9365234	SSF x LoA	-8,694	0,020	0,287
CHR17	936546	CHR17:936546	SSF x LoA	-8,155	0,049	0,294
CHR17	936581	CHR17:936581	SSF x LoA	-9,403	0,105	0,272
CHR17	936637	CHR17:936637	SSF x LoA	-11,085	0,025	0,288
CHR17	936691	CHR17:936691	SSF x LoA	-6,103	0,038	0,298
CHR17	936752	CHR17:936752	SSF x LoA	-7,923	-0,044	0,296
CHR17	9368207	CHR17:9368207	SSF x LoA	-5,700	-0,172	0,284
CHR17	9386319	CHR17:9386319	SSF x LoA	-9,747	-0,070	0,284
CHR17	9386373	CHR17:9386373	SSF x LoA	-5,200	-0,129	0,286
CHR17	9386386	CHR17:9386386	SSF x LoA	-8,880	-0,025	0,277
CHR17	9386437	CHR17:9386437	SSF x LoA	-10,156	-0,048	0,289
CHR17	9386450	CHR17:9386450	SSF x LoA	-9,028	0,067	0,296
CHR17	9386451	CHR17:9386451	SSF x LoA	-7,101	0,123	0,304
CHR17	9386480	CHR17:9386480	SSF x LoA	-10,456	0,078	0,295
CHR17	9386503	CHR17:9386503	SSF x LoA	-8,018	-0,027	0,305
CHR17	9391921	CHR17:9391921	SSF x LoA	-9,658	0,045	0,294
CHR17	9392129	CHR17:9392129	SSF x LoA	-8,920	-0,001	0,295
CHR17	9392135	CHR17:9392135	SSF x LoA	-9,328	-0,076	0,287
CHR17	9392155	CHR17:9392155	SSF x LoA	-9,063	-0,046	0,283
CHR17	9402047	CHR17:9402047	SSF x LoA	-10,653	-0,092	0,281
CHR17	9410981	CHR17:9410981	SSF x LoA	-11,030	0,046	0,292
CHR17	9410988	CHR17:9410988	SSF x LoA	-8,587	0,064	0,287
CHR17	9411221	CHR17:9411221	SSF x LoA	-7,573	-0,029	0,302
CHR17	942443	CHR17:942443	SSF x LoA	-8,861	0,102	0,289
CHR17	9426386	CHR17:9426386	SSF x LoA	-9,168	0,067	0,299
CHR17	9426476	CHR17:9426476	SSF x LoA	-7,853	-0,082	0,281
CHR17	9426479	CHR17:9426479	SSF x LoA	-7,716	0,040	0,283
CHR17	942677	CHR17:942677	SSF x LoA	-8,732	0,073	0,305
CHR17	9427743	CHR17:9427743	SSF x LoA	-8,297	0,051	0,291
CHR17	9427772	CHR17:9427772	SSF x LoA	-9,208	0,070	0,292
CHR17	9432933	CHR17:9432933	SSF x LoA	-5,928	0,121	0,294
CHR17	9432939	CHR17:9432939	SSF x LoA	-7,042	0,089	0,290
CHR17	9433058	CHR17:9433058	SSF x LoA	-0,185	0,057	0,297
CHR17	9433133	CHR17:9433133	SSF x LoA	-10,305	-0,055	0,283
CHR17	9433151	CHR17:9433151	SSF x LoA	-10,926	-0,070	0,294
CHR17	9433194	CHR17:9433194	SSF x LoA	-8,301	0,003	0,288
CHR17	9433210	CHR17:9433210	SSF x LoA	-4,657	-0,160	0,299
CHR17	9438682	CHR17:9438682	SSF x LoA	-9,271	-0,031	0,287
CHR17	9438774	CHR17:9438774	SSF x LoA	-9,539	0,043	0,289
CHR17	9438826	CHR17:9438826	SSF x LoA	-8,068	-0,022	0,287
CHR17	9438861	CHR17:9438861	SSF x LoA	-6,685	0,055	0,311
CHR17	9452783	CHR17:9452783	SSF x LoA	-8,720	0,130	0,280
CHR17	9452840	CHR17:9452840	SSF x LoA	-7,467	0,174	0,280
CHR17	9452888	CHR17:9452888	SSF x LoA	-8,692	0,069	0,284

CHR17	9452908	CHR17:9452908	SSF x LoA	0,404	0,174	0,275
CHR17	9454535	CHR17:9454535	SSF x LoA	-3,959	0,040	0,299
CHR17	9454640	CHR17:9454640	SSF x LoA	-9,267	-0,004	0,275
CHR17	9454672	CHR17:9454672	SSF x LoA	-9,320	-0,032	0,277
CHR17	9454766	CHR17:9454766	SSF x LoA	-10,790	0,060	0,286
CHR17	9454791	CHR17:9454791	SSF x LoA	-10,007	-0,011	0,273
CHR17	9465205	CHR17:9465205	SSF x LoA	-3,220	0,081	0,297
CHR17	9470747	CHR17:9470747	SSF x LoA	-10,773	-0,071	0,289
CHR17	9470785	CHR17:9470785	SSF x LoA	-8,189	0,015	0,270
CHR17	9470786	CHR17:9470786	SSF x LoA	-10,290	-0,103	0,284
CHR17	9470788	CHR17:9470788	SSF x LoA	-10,256	0,054	0,290
CHR17	9470813	CHR17:9470813	SSF x LoA	-7,460	-0,067	0,300
CHR17	9470826	CHR17:9470826	SSF x LoA	-8,742	-0,089	0,293
CHR17	9470830	CHR17:9470830	SSF x LoA	-7,728	0,076	0,265
CHR17	9470842	CHR17:9470842	SSF x LoA	-7,844	-0,066	0,283
CHR17	9470860	CHR17:9470860	SSF x LoA	-9,821	0,017	0,290
CHR17	9470896	CHR17:9470896	SSF x LoA	-8,267	-0,001	0,268
CHR17	9470906	CHR17:9470906	SSF x LoA	-10,074	0,057	0,289
CHR17	9470907	CHR17:9470907	SSF x LoA	-7,549	-0,068	0,292
CHR17	9470916	CHR17:9470916	SSF x LoA	-7,030	-0,150	0,281
CHR17	9470932	CHR17:9470932	SSF x LoA	-8,992	-0,130	0,288
CHR17	9471014	CHR17:9471014	SSF x LoA	-6,574	-0,084	0,297
CHR17	9471031	CHR17:9471031	SSF x LoA	-9,228	-0,104	0,279
CHR17	9471095	CHR17:9471095	SSF x LoA	0,170	-0,042	0,296
CHR17	9487543	CHR17:9487543	SSF x LoA	-6,052	-0,054	0,307
CHR17	9487600	CHR17:9487600	SSF x LoA	-8,528	-0,074	0,299
CHR17	9487611	CHR17:9487611	SSF x LoA	-7,502	0,127	0,296
CHR17	9487619	CHR17:9487619	SSF x LoA	-7,542	0,122	0,284
CHR17	9487620	CHR17:9487620	SSF x LoA	-8,975	0,030	0,288
CHR17	9487707	CHR17:9487707	SSF x LoA	-10,722	-0,038	0,283
CHR17	9488673	CHR17:9488673	SSF x LoA	-8,196	-0,052	0,283
CHR17	9488936	CHR17:9488936	SSF x LoA	-9,034	-0,035	0,288
CHR17	9488959	CHR17:9488959	SSF x LoA	-9,879	-0,011	0,286
CHR17	9488976	CHR17:9488976	SSF x LoA	-10,142	0,104	0,268
CHR17	9500686	CHR17:9500686	SSF x LoA	-7,890	0,060	0,294
CHR17	9502926	CHR17:9502926	SSF x LoA	-7,776	-0,064	0,294
CHR17	9503002	CHR17:9503002	SSF x LoA	-8,603	-0,078	0,283
CHR17	9503024	CHR17:9503024	SSF x LoA	-9,402	-0,087	0,292
CHR17	9518160	CHR17:9518160	SSF x LoA	-8,892	-0,028	0,287
CHR17	9518214	CHR17:9518214	SSF x LoA	-7,230	0,070	0,307
CHR17	9522991	CHR17:9522991	SSF x LoA	-3,439	-0,131	0,282
CHR17	9524208	CHR17:9524208	SSF x LoA	-7,798	0,040	0,269
CHR17	9524223	CHR17:9524223	SSF x LoA	-5,746	-0,119	0,267
CHR17	9524285	CHR17:9524285	SSF x LoA	-8,061	0,173	0,279
CHR17	9524296	CHR17:9524296	SSF x LoA	-3,250	0,002	0,294
CHR17	9524349	CHR17:9524349	SSF x LoA	-8,552	0,195	0,264
CHR17	9531572	CHR17:9531572	SSF x LoA	-9,048	-0,092	0,295
CHR17	9531645	CHR17:9531645	SSF x LoA	-10,124	-0,120	0,285
CHR17	9531653	CHR17:9531653	SSF x LoA	-8,549	0,028	0,295
CHR17	9531700	CHR17:9531700	SSF x LoA	-8,891	0,028	0,278
CHR17	9531706	CHR17:9531706	SSF x LoA	-9,173	0,090	0,273
CHR17	9531712	CHR17:9531712	SSF x LoA	-9,177	-0,080	0,270
CHR17	9531736	CHR17:9531736	SSF x LoA	-9,073	-0,076	0,276

CHR17	9531760	CHR17:9531760	SSF x LoA	-8,493	-0,063	0,275
CHR17	9539480	CHR17:9539480	SSF x LoA	-7,700	0,084	0,294
CHR17	9539516	CHR17:9539516	SSF x LoA	-10,921	0,097	0,297
CHR17	9539539	CHR17:9539539	SSF x LoA	-9,752	0,095	0,283
CHR17	9539543	CHR17:9539543	SSF x LoA	-8,456	0,119	0,296
CHR17	9539549	CHR17:9539549	SSF x LoA	-3,896	-0,160	0,263
CHR17	954299	CHR17:954299	SSF x LoA	-3,474	-0,153	0,287
CHR17	954323	CHR17:954323	SSF x LoA	-6,797	0,079	0,283
CHR17	954356	CHR17:954356	SSF x LoA	-3,495	0,145	0,291
CHR17	9543804	CHR17:9543804	SSF x LoA	-8,963	0,014	0,296
CHR17	9543806	CHR17:9543806	SSF x LoA	-8,532	0,135	0,294
CHR17	9543855	CHR17:9543855	SSF x LoA	-10,474	-0,067	0,285
CHR17	9543885	CHR17:9543885	SSF x LoA	-9,524	-0,022	0,300
CHR17	9543958	CHR17:9543958	SSF x LoA	-10,363	0,025	0,284
CHR17	9548318	CHR17:9548318	SSF x LoA	-5,067	-0,021	0,297
CHR17	9548331	CHR17:9548331	SSF x LoA	-9,111	-0,082	0,272
CHR17	9548344	CHR17:9548344	SSF x LoA	-8,489	-0,025	0,286
CHR17	9563355	CHR17:9563355	SSF x LoA	-5,673	0,140	0,274
CHR17	9563373	CHR17:9563373	SSF x LoA	-8,305	0,079	0,288
CHR17	9563997	CHR17:9563997	SSF x LoA	-10,518	-0,054	0,283
CHR17	9564005	CHR17:9564005	SSF x LoA	-8,464	-0,045	0,288
CHR17	9564006	CHR17:9564006	SSF x LoA	-11,242	-0,014	0,284
CHR17	9564119	CHR17:9564119	SSF x LoA	-8,791	0,070	0,281
CHR17	9573913	CHR17:9573913	SSF x LoA	-9,192	0,012	0,296
CHR17	9588816	CHR17:9588816	SSF x LoA	-5,649	-0,112	0,300
CHR17	9588853	CHR17:9588853	SSF x LoA	-10,357	0,051	0,289
CHR17	9588854	CHR17:9588854	SSF x LoA	-8,116	0,014	0,303
CHR17	9588898	CHR17:9588898	SSF x LoA	-10,549	0,044	0,294
CHR17	9588921	CHR17:9588921	SSF x LoA	-9,449	-0,032	0,284
CHR17	9588986	CHR17:9588986	SSF x LoA	-6,741	0,016	0,315
CHR17	9588987	CHR17:9588987	SSF x LoA	-8,130	0,007	0,301
CHR17	9598781	CHR17:9598781	SSF x LoA	-8,388	-0,112	0,290
CHR17	9598802	CHR17:9598802	SSF x LoA	-6,584	-0,121	0,291
CHR17	9600352	CHR17:9600352	SSF x LoA	-8,153	-0,049	0,294
CHR17	9600370	CHR17:9600370	SSF x LoA	-8,356	0,001	0,294
CHR17	9600456	CHR17:9600456	SSF x LoA	-8,816	-0,013	0,291
CHR17	9605610	CHR17:9605610	SSF x LoA	-10,851	-0,002	0,291
CHR17	9605651	CHR17:9605651	SSF x LoA	-6,017	-0,114	0,293
CHR17	9605739	CHR17:9605739	SSF x LoA	-2,545	-0,171	0,289
CHR17	9605796	CHR17:9605796	SSF x LoA	-7,016	-0,014	0,274
CHR17	9608835	CHR17:9608835	SSF x LoA	-1,655	-0,255	0,272
CHR17	9608862	CHR17:9608862	SSF x LoA	-4,851	-0,250	0,275
CHR17	9608900	CHR17:9608900	SSF x LoA	-7,457	0,046	0,297
CHR17	9609174	CHR17:9609174	SSF x LoA	-6,957	-0,199	0,278
CHR17	9609213	CHR17:9609213	SSF x LoA	-8,753	0,014	0,295
CHR17	9609250	CHR17:9609250	SSF x LoA	-7,700	0,023	0,296
CHR17	9609340	CHR17:9609340	SSF x LoA	-3,002	0,266	0,276
CHR17	963640	CHR17:963640	SSF x LoA	-7,480	0,107	0,284
CHR17	963666	CHR17:963666	SSF x LoA	-7,778	-0,026	0,274
CHR17	963715	CHR17:963715	SSF x LoA	-10,011	0,037	0,288
CHR17	963724	CHR17:963724	SSF x LoA	-5,409	-0,120	0,268
CHR17	9653244	CHR17:9653244	SSF x LoA	-7,890	-0,136	0,303
CHR17	9653281	CHR17:9653281	SSF x LoA	-7,632	-0,130	0,276

CHR17	9658999	CHR17:9658999	SSF x LoA	-7,330	0,093	0,294
CHR17	9659035	CHR17:9659035	SSF x LoA	-8,380	0,030	0,302
CHR17	9659040	CHR17:9659040	SSF x LoA	-10,198	0,056	0,294
CHR17	9659052	CHR17:9659052	SSF x LoA	-10,617	0,013	0,301
CHR17	9659114	CHR17:9659114	SSF x LoA	-8,374	0,024	0,297
CHR17	9659162	CHR17:9659162	SSF x LoA	-8,345	0,025	0,291
CHR17	9659179	CHR17:9659179	SSF x LoA	-10,206	-0,046	0,292
CHR17	9659196	CHR17:9659196	SSF x LoA	-6,902	0,072	0,305
CHR17	9659210	CHR17:9659210	SSF x LoA	-8,906	0,064	0,301
CHR17	9661223	CHR17:9661223	SSF x LoA	-8,529	0,043	0,270
CHR17	9661244	CHR17:9661244	SSF x LoA	-10,355	-0,032	0,305
CHR17	9661328	CHR17:9661328	SSF x LoA	-8,977	-0,096	0,294
CHR17	9662358	CHR17:9662358	SSF x LoA	-6,896	-0,111	0,289
CHR17	9671063	CHR17:9671063	SSF x LoA	-9,508	0,140	0,286
CHR17	9671100	CHR17:9671100	SSF x LoA	-8,834	0,027	0,283
CHR17	9671121	CHR17:9671121	SSF x LoA	-9,879	-0,033	0,278
CHR17	9671139	CHR17:9671139	SSF x LoA	-9,144	0,125	0,276
CHR17	9671233	CHR17:9671233	SSF x LoA	-8,306	0,048	0,298
CHR17	968130	CHR17:968130	SSF x LoA	-7,404	-0,020	0,311
CHR17	968190	CHR17:968190	SSF x LoA	-9,092	0,061	0,299
CHR17	968219	CHR17:968219	SSF x LoA	-0,250	-0,244	0,273
CHR17	9683392	CHR17:9683392	SSF x LoA	-7,998	-0,075	0,294
CHR17	9683428	CHR17:9683428	SSF x LoA	-6,792	-0,137	0,288
CHR17	9683441	CHR17:9683441	SSF x LoA	-8,025	-0,129	0,283
CHR17	9683451	CHR17:9683451	SSF x LoA	-9,084	0,016	0,293
CHR17	9683553	CHR17:9683553	SSF x LoA	-9,023	0,043	0,273
CHR17	968521	CHR17:968521	SSF x LoA	-8,031	-0,062	0,287
CHR17	968536	CHR17:968536	SSF x LoA	-7,339	-0,151	0,269
CHR17	968564	CHR17:968564	SSF x LoA	-8,855	-0,120	0,278
CHR17	968620	CHR17:968620	SSF x LoA	-11,084	0,044	0,276
CHR17	9689711	CHR17:9689711	SSF x LoA	-7,907	-0,069	0,276
CHR17	9689718	CHR17:9689718	SSF x LoA	-1,312	-0,015	0,289
CHR17	9689785	CHR17:9689785	SSF x LoA	-9,514	0,116	0,292
CHR17	9689799	CHR17:9689799	SSF x LoA	-2,278	-0,128	0,270
CHR17	9689838	CHR17:9689838	SSF x LoA	-8,472	-0,010	0,278
CHR17	9689863	CHR17:9689863	SSF x LoA	-9,800	0,100	0,290
CHR17	9690010	CHR17:9690010	SSF x LoA	-8,087	-0,114	0,300
CHR17	9693963	CHR17:9693963	SSF x LoA	-6,924	-0,138	0,289
CHR17	9693964	CHR17:9693964	SSF x LoA	-9,645	-0,073	0,280
CHR17	9693978	CHR17:9693978	SSF x LoA	-8,603	-0,018	0,300
CHR17	9693989	CHR17:9693989	SSF x LoA	-10,148	-0,042	0,314
CHR17	9694051	CHR17:9694051	SSF x LoA	-7,893	0,115	0,289
CHR17	9694086	CHR17:9694086	SSF x LoA	-10,545	-0,013	0,298
CHR17	9694148	CHR17:9694148	SSF x LoA	-7,060	-0,035	0,287
CHR17	9707829	CHR17:9707829	SSF x LoA	-3,853	-0,160	0,282
CHR17	9707951	CHR17:9707951	SSF x LoA	-7,026	0,137	0,288
CHR17	9707973	CHR17:9707973	SSF x LoA	-9,080	-0,130	0,282
CHR17	9708010	CHR17:9708010	SSF x LoA	-8,954	-0,021	0,305
CHR17	9708309	CHR17:9708309	SSF x LoA	-10,754	-0,018	0,287
CHR17	9717117	CHR17:9717117	SSF x LoA	-8,320	-0,097	0,285
CHR17	9717130	CHR17:9717130	SSF x LoA	-9,063	0,018	0,274
CHR17	9717222	CHR17:9717222	SSF x LoA	-9,847	-0,044	0,286
CHR17	9717223	CHR17:9717223	SSF x LoA	-10,194	-0,060	0,283

CHR17	9717233	CHR17:9717233	SSF x LoA	-6,599	-0,022	0,291
CHR17	9717254	CHR17:9717254	SSF x LoA	-2,754	0,086	0,292
CHR17	9717272	CHR17:9717272	SSF x LoA	-10,367	-0,019	0,288
CHR17	9717281	CHR17:9717281	SSF x LoA	-8,652	-0,042	0,291
CHR17	9717383	CHR17:9717383	SSF x LoA	-3,568	-0,164	0,293
CHR17	9717390	CHR17:9717390	SSF x LoA	-10,324	0,002	0,293
CHR17	9717392	CHR17:9717392	SSF x LoA	-8,108	-0,088	0,290
CHR17	9734771	CHR17:9734771	SSF x LoA	-10,297	-0,099	0,275
CHR17	9734788	CHR17:9734788	SSF x LoA	-6,778	-0,159	0,282
CHR17	9734811	CHR17:9734811	SSF x LoA	-11,099	-0,033	0,292
CHR17	9734838	CHR17:9734838	SSF x LoA	-7,706	-0,011	0,294
CHR17	9734866	CHR17:9734866	SSF x LoA	-9,547	0,042	0,293
CHR17	9735210	CHR17:9735210	SSF x LoA	-8,693	0,076	0,310
CHR17	9737379	CHR17:9737379	SSF x LoA	-9,387	0,023	0,290
CHR17	9737387	CHR17:9737387	SSF x LoA	-1,401	0,031	0,277
CHR17	9738234	CHR17:9738234	SSF x LoA	-9,302	0,002	0,290
CHR17	9742010	CHR17:9742010	SSF x LoA	-10,535	-0,065	0,281
CHR17	9744247	CHR17:9744247	SSF x LoA	-10,886	-0,007	0,284
CHR17	9744257	CHR17:9744257	SSF x LoA	-9,912	-0,001	0,297
CHR17	9744372	CHR17:9744372	SSF x LoA	-2,946	-0,080	0,318
CHR17	9744431	CHR17:9744431	SSF x LoA	-3,298	0,263	0,272
CHR17	9746832	CHR17:9746832	SSF x LoA	-8,708	0,022	0,286
CHR17	9746873	CHR17:9746873	SSF x LoA	-9,746	-0,072	0,279
CHR17	9746956	CHR17:9746956	SSF x LoA	-8,750	-0,005	0,290
CHR17	9765054	CHR17:9765054	SSF x LoA	-8,175	-0,006	0,310
CHR17	9767762	CHR17:9767762	SSF x LoA	-9,749	0,015	0,290
CHR17	9767788	CHR17:9767788	SSF x LoA	-7,831	-0,003	0,282
CHR17	9767824	CHR17:9767824	SSF x LoA	-8,589	-0,128	0,274
CHR17	9767869	CHR17:9767869	SSF x LoA	-9,060	-0,021	0,286
CHR17	9767930	CHR17:9767930	SSF x LoA	-8,659	-0,009	0,274
CHR17	9773007	CHR17:9773007	SSF x LoA	-8,336	-0,091	0,291
CHR17	9773159	CHR17:9773159	SSF x LoA	-7,851	0,044	0,296
CHR17	9773164	CHR17:9773164	SSF x LoA	-9,740	-0,117	0,293
CHR17	9773210	CHR17:9773210	SSF x LoA	-7,724	-0,143	0,293
CHR17	9773234	CHR17:9773234	SSF x LoA	-6,392	0,055	0,284
CHR17	9773235	CHR17:9773235	SSF x LoA	-7,015	-0,084	0,277
CHR17	9773240	CHR17:9773240	SSF x LoA	-7,449	0,113	0,287
CHR17	9773294	CHR17:9773294	SSF x LoA	-8,846	-0,018	0,281
CHR17	9773297	CHR17:9773297	SSF x LoA	-11,071	0,025	0,287
CHR17	9773298	CHR17:9773298	SSF x LoA	-1,821	-0,140	0,287
CHR17	9774399	CHR17:9774399	SSF x LoA	-3,978	-0,130	0,277
CHR17	9774427	CHR17:9774427	SSF x LoA	-8,701	0,112	0,284
CHR17	9774530	CHR17:9774530	SSF x LoA	-8,726	-0,108	0,284
CHR17	9774538	CHR17:9774538	SSF x LoA	-7,921	-0,048	0,296
CHR17	9774566	CHR17:9774566	SSF x LoA	-10,866	-0,028	0,287
CHR17	9778229	CHR17:9778229	SSF x LoA	-10,961	-0,033	0,282
CHR17	9797958	CHR17:9797958	SSF x LoA	-4,861	0,104	0,299
CHR17	9798150	CHR17:9798150	SSF x LoA	-8,845	-0,024	0,299
CHR17	9802033	CHR17:9802033	SSF x LoA	-8,044	0,085	0,290
CHR17	9802167	CHR17:9802167	SSF x LoA	-9,263	-0,066	0,274
CHR17	9820578	CHR17:9820578	SSF x LoA	-10,489	-0,015	0,278
CHR17	9820647	CHR17:9820647	SSF x LoA	-7,738	-0,096	0,292
CHR17	9820812	CHR17:9820812	SSF x LoA	-9,885	-0,058	0,297

CHR17	983521	CHR17:983521	SSF x LoA	-8,428	0,038	0,292
CHR17	983574	CHR17:983574	SSF x LoA	-8,633	-0,002	0,296
CHR17	983596	CHR17:983596	SSF x LoA	-9,120	0,126	0,296
CHR17	983679	CHR17:983679	SSF x LoA	-4,656	-0,025	0,292
CHR17	983719	CHR17:983719	SSF x LoA	-8,327	0,123	0,293
CHR17	983746	CHR17:983746	SSF x LoA	-7,803	-0,066	0,263
CHR17	9838898	CHR17:9838898	SSF x LoA	-8,258	0,024	0,292
CHR17	9839060	CHR17:9839060	SSF x LoA	-9,598	0,045	0,269
CHR17	9839101	CHR17:9839101	SSF x LoA	-9,286	-0,032	0,281
CHR17	9839112	CHR17:9839112	SSF x LoA	-8,687	-0,041	0,290
CHR17	9839223	CHR17:9839223	SSF x LoA	-6,975	-0,103	0,273
CHR17	9841011	CHR17:9841011	SSF x LoA	0,550	-0,184	0,281
CHR17	9841258	CHR17:9841258	SSF x LoA	-5,889	-0,186	0,274
CHR17	9841269	CHR17:9841269	SSF x LoA	-9,930	0,002	0,291
CHR17	9841296	CHR17:9841296	SSF x LoA	-6,099	-0,070	0,277
CHR17	9844017	CHR17:9844017	SSF x LoA	-6,733	-0,096	0,287
CHR17	9844023	CHR17:9844023	SSF x LoA	-10,095	-0,073	0,283
CHR17	9844170	CHR17:9844170	SSF x LoA	-7,928	-0,028	0,288
CHR17	9848036	CHR17:9848036	SSF x LoA	-8,090	-0,053	0,277
CHR17	9848078	CHR17:9848078	SSF x LoA	-8,863	0,097	0,283
CHR17	9848092	CHR17:9848092	SSF x LoA	-9,734	0,037	0,288
CHR17	9848119	CHR17:9848119	SSF x LoA	-6,652	0,160	0,279
CHR17	9848183	CHR17:9848183	SSF x LoA	-10,454	0,095	0,278
CHR17	9848191	CHR17:9848191	SSF x LoA	-8,659	0,024	0,288
CHR17	9848223	CHR17:9848223	SSF x LoA	-10,791	-0,005	0,276
CHR17	9848305	CHR17:9848305	SSF x LoA	-9,439	0,128	0,278
CHR17	9848308	CHR17:9848308	SSF x LoA	-10,187	-0,083	0,284
CHR17	9854518	CHR17:9854518	SSF x LoA	-7,390	0,028	0,281
CHR17	9854523	CHR17:9854523	SSF x LoA	-9,959	0,022	0,284
CHR17	9854529	CHR17:9854529	SSF x LoA	-11,559	0,015	0,278
CHR17	9854550	CHR17:9854550	SSF x LoA	-8,845	-0,036	0,275
CHR17	9854581	CHR17:9854581	SSF x LoA	-2,396	-0,199	0,275
CHR17	9854596	CHR17:9854596	SSF x LoA	-2,511	-0,207	0,286
CHR17	9854614	CHR17:9854614	SSF x LoA	-6,038	-0,147	0,290
CHR17	9854655	CHR17:9854655	SSF x LoA	-10,244	0,000	0,299
CHR17	9854702	CHR17:9854702	SSF x LoA	-9,481	-0,119	0,293
CHR17	9861384	CHR17:9861384	SSF x LoA	-8,149	0,113	0,277
CHR17	9862314	CHR17:9862314	SSF x LoA	-10,042	0,026	0,294
CHR17	9862329	CHR17:9862329	SSF x LoA	-8,790	-0,083	0,296
CHR17	986433	CHR17:986433	SSF x LoA	-8,207	-0,065	0,285
CHR17	986466	CHR17:986466	SSF x LoA	5,372	0,233	0,284
CHR17	986468	CHR17:986468	SSF x LoA	-8,377	0,083	0,284
CHR17	986487	CHR17:986487	SSF x LoA	-7,420	0,001	0,291
CHR17	986643	CHR17:986643	SSF x LoA	-7,104	0,165	0,284
CHR17	986696	CHR17:986696	SSF x LoA	-7,194	0,143	0,297
CHR17	986702	CHR17:986702	SSF x LoA	-7,592	-0,163	0,282
CHR17	986706	CHR17:986706	SSF x LoA	-8,809	-0,057	0,295
CHR17	9870621	CHR17:9870621	SSF x LoA	-5,192	0,239	0,271
CHR17	9888675	CHR17:9888675	SSF x LoA	-8,055	-0,049	0,291
CHR17	9888730	CHR17:9888730	SSF x LoA	-9,349	-0,009	0,307
CHR17	9888850	CHR17:9888850	SSF x LoA	-11,161	-0,036	0,281
CHR17	9888856	CHR17:9888856	SSF x LoA	-11,866	-0,070	0,284
CHR17	9888948	CHR17:9888948	SSF x LoA	4,030	0,275	0,280

CHR17	9892108	CHR17:9892108	SSF x LoA	-9,474	-0,006	0,306
CHR17	9892153	CHR17:9892153	SSF x LoA	-10,029	0,051	0,285
CHR17	9892185	CHR17:9892185	SSF x LoA	-8,416	0,039	0,275
CHR17	9892318	CHR17:9892318	SSF x LoA	-10,097	-0,049	0,293
CHR17	9892324	CHR17:9892324	SSF x LoA	-9,872	0,050	0,296
CHR17	9892326	CHR17:9892326	SSF x LoA	-7,984	-0,077	0,279
CHR17	9892339	CHR17:9892339	SSF x LoA	-8,822	0,066	0,295
CHR17	9892341	CHR17:9892341	SSF x LoA	-9,872	0,041	0,290
CHR17	9892386	CHR17:9892386	SSF x LoA	-8,058	0,068	0,299
CHR17	9892393	CHR17:9892393	SSF x LoA	-8,798	-0,071	0,292
CHR17	9892410	CHR17:9892410	SSF x LoA	-7,937	0,126	0,291
CHR17	9892411	CHR17:9892411	SSF x LoA	-4,840	0,139	0,295
CHR17	990852	CHR17:990852	SSF x LoA	-7,467	0,055	0,282
CHR17	990970	CHR17:990970	SSF x LoA	-7,623	-0,049	0,299
CHR17	990982	CHR17:990982	SSF x LoA	-9,567	-0,037	0,284
CHR17	991027	CHR17:991027	SSF x LoA	-9,774	-0,003	0,291
CHR17	991030	CHR17:991030	SSF x LoA	-2,080	-0,034	0,285
CHR17	991049	CHR17:991049	SSF x LoA	-9,045	0,090	0,289
CHR17	991053	CHR17:991053	SSF x LoA	-8,658	-0,014	0,274
CHR17	9924088	CHR17:9924088	SSF x LoA	-7,964	0,013	0,289
CHR17	9924143	CHR17:9924143	SSF x LoA	-8,574	-0,068	0,307
CHR17	9924157	CHR17:9924157	SSF x LoA	-8,355	0,014	0,286
CHR17	9924205	CHR17:9924205	SSF x LoA	-7,270	0,133	0,276
CHR17	9924212	CHR17:9924212	SSF x LoA	-5,247	-0,043	0,286
CHR17	9924263	CHR17:9924263	SSF x LoA	-9,111	-0,004	0,294
CHR17	9924274	CHR17:9924274	SSF x LoA	-8,858	-0,017	0,266
CHR17	9936632	CHR17:9936632	SSF x LoA	-9,461	0,053	0,284
CHR17	9936723	CHR17:9936723	SSF x LoA	-8,463	-0,073	0,278
CHR17	9938565	CHR17:9938565	SSF x LoA	-11,738	-0,065	0,286
CHR17	9941917	CHR17:9941917	SSF x LoA	-10,931	0,006	0,280
CHR17	9941989	CHR17:9941989	SSF x LoA	-10,641	-0,012	0,290
CHR17	9942021	CHR17:9942021	SSF x LoA	-8,682	-0,028	0,294
CHR17	9942159	CHR17:9942159	SSF x LoA	-8,908	0,133	0,287
CHR17	9942221	CHR17:9942221	SSF x LoA	-8,904	-0,012	0,282
CHR17	9942289	CHR17:9942289	SSF x LoA	-10,276	0,045	0,293
CHR17	997262	CHR17:997262	SSF x LoA	-10,367	-0,052	0,295
CHR17	997460	CHR17:997460	SSF x LoA	-8,113	-0,193	0,265
CHR17	9979945	CHR17:9979945	SSF x LoA	-6,360	-0,168	0,260
CHR17	9980069	CHR17:9980069	SSF x LoA	-7,686	0,062	0,288
CHR17	9980075	CHR17:9980075	SSF x LoA	-9,066	0,095	0,285
CHR17	9980108	CHR17:9980108	SSF x LoA	-10,069	-0,049	0,287
CHR17	9980261	CHR17:9980261	SSF x LoA	-7,260	0,136	0,283
CHR17	9980292	CHR17:9980292	SSF x LoA	-3,716	0,155	0,297
CHR17	9983158	CHR17:9983158	SSF x LoA	-10,814	0,030	0,299
CHR17	9983274	CHR17:9983274	SSF x LoA	-7,196	0,071	0,293
CHR17	9983277	CHR17:9983277	SSF x LoA	-8,919	0,133	0,300
CHR17	9985366	CHR17:9985366	SSF x LoA	-6,329	-0,087	0,294
CHR17	9985525	CHR17:9985525	SSF x LoA	-9,842	-0,015	0,295
CHR17	9985555	CHR17:9985555	SSF x LoA	-9,071	-0,039	0,290
CHR17	9985582	CHR17:9985582	SSF x LoA	-8,788	-0,141	0,283
CHR18	1798960	CHR18:1798960	SSF x LoA	-8,338	0,041	0,281
CHR18	1799076	CHR18:1799076	SSF x LoA	-3,851	0,141	0,286
CHR18	1836964	CHR18:1836964	SSF x LoA	-8,120	-0,028	0,293

CHR18	1837008	CHR18:1837008	SSF x LoA	-10,045	0,077	0,297
CHR18	1837012	CHR18:1837012	SSF x LoA	-7,601	-0,009	0,312
CHR18	1839330	CHR18:1839330	SSF x LoA	-8,516	-0,019	0,285
CHR18	1850813	CHR18:1850813	SSF x LoA	-3,660	0,065	0,297
CHR18	1851102	CHR18:1851102	SSF x LoA	-10,335	0,020	0,287
CHR18	1851166	CHR18:1851166	SSF x LoA	1,192	-0,035	0,304
CHR18	1852316	CHR18:1852316	SSF x LoA	-9,220	-0,072	0,281
CHR18	1854174	CHR18:1854174	SSF x LoA	-10,521	-0,025	0,296
CHR18	1854279	CHR18:1854279	SSF x LoA	-9,276	-0,080	0,281
CHR18	1859229	CHR18:1859229	SSF x LoA	-11,124	0,031	0,286
CHR18	1859263	CHR18:1859263	SSF x LoA	-8,159	-0,067	0,284
CHR18	1864277	CHR18:1864277	SSF x LoA	-8,605	-0,028	0,285
CHR18	1864491	CHR18:1864491	SSF x LoA	-7,430	0,055	0,291
CHR18	1864530	CHR18:1864530	SSF x LoA	-10,607	-0,053	0,287
CHR18	1869515	CHR18:1869515	SSF x LoA	-8,960	-0,140	0,292
CHR18	1869520	CHR18:1869520	SSF x LoA	-6,560	0,009	0,297
CHR18	1873351	CHR18:1873351	SSF x LoA	-8,596	-0,007	0,291
CHR18	1873472	CHR18:1873472	SSF x LoA	-8,202	-0,074	0,300
CHR18	1880196	CHR18:1880196	SSF x LoA	-7,548	0,022	0,299
CHR18	1892554	CHR18:1892554	SSF x LoA	-11,085	0,003	0,289
CHR18	1892663	CHR18:1892663	SSF x LoA	-4,872	0,117	0,290
CHR18	1892771	CHR18:1892771	SSF x LoA	-8,525	-0,023	0,300
CHR18	1894007	CHR18:1894007	SSF x LoA	-8,892	0,012	0,288
CHR18	1894212	CHR18:1894212	SSF x LoA	-9,791	-0,037	0,290
CHR18	1894277	CHR18:1894277	SSF x LoA	-5,742	-0,017	0,298
CHR18	1895050	CHR18:1895050	SSF x LoA	-9,527	-0,145	0,284
CHR18	1895060	CHR18:1895060	SSF x LoA	-5,959	0,178	0,292
CHR18	1895093	CHR18:1895093	SSF x LoA	-9,202	0,054	0,279
CHR18	1895114	CHR18:1895114	SSF x LoA	-9,196	0,133	0,286
CHR18	1895169	CHR18:1895169	SSF x LoA	-6,892	0,166	0,288
CHR18	1897821	CHR18:1897821	SSF x LoA	-7,860	0,123	0,294
CHR18	1897877	CHR18:1897877	SSF x LoA	-6,692	-0,088	0,293
CHR18	1897954	CHR18:1897954	SSF x LoA	-2,252	-0,123	0,291
CHR18	1898015	CHR18:1898015	SSF x LoA	-3,203	0,041	0,296
CHR18	1898016	CHR18:1898016	SSF x LoA	-8,226	0,034	0,288
CHR18	1922780	CHR18:1922780	SSF x LoA	17,161	-0,224	0,275
CHR18	1923204	CHR18:1923204	SSF x LoA	-9,820	0,086	0,290
CHR18	1926757	CHR18:1926757	SSF x LoA	-9,273	-0,041	0,291
CHR18	1926782	CHR18:1926782	SSF x LoA	-10,198	-0,075	0,284
CHR18	1926895	CHR18:1926895	SSF x LoA	-5,625	-0,052	0,279
CHR18	1936045	CHR18:1936045	SSF x LoA	-9,270	-0,081	0,292
CHR18	1936118	CHR18:1936118	SSF x LoA	-7,821	0,098	0,292
CHR18	1942272	CHR18:1942272	SSF x LoA	-7,416	-0,122	0,291
CHR18	1942329	CHR18:1942329	SSF x LoA	-9,782	0,089	0,282
CHR18	1942363	CHR18:1942363	SSF x LoA	-2,387	0,218	0,296
CHR18	1942402	CHR18:1942402	SSF x LoA	-8,287	-0,131	0,266
CHR18	1960643	CHR18:1960643	SSF x LoA	-8,267	-0,116	0,293
CHR18	1960652	CHR18:1960652	SSF x LoA	-10,165	0,027	0,284
CHR18	1960761	CHR18:1960761	SSF x LoA	-7,100	-0,044	0,286
CHR18	1960763	CHR18:1960763	SSF x LoA	-8,139	0,073	0,290
CHR18	1969822	CHR18:1969822	SSF x LoA	-8,604	0,015	0,277
CHR18	1969830	CHR18:1969830	SSF x LoA	-11,277	0,014	0,290
CHR18	1969832	CHR18:1969832	SSF x LoA	-8,691	-0,061	0,292

CHR18	1969845	CHR18:1969845	SSF x LoA	-11,423	0,087	0,270
CHR18	1969919	CHR18:1969919	SSF x LoA	-9,510	0,093	0,287
CHR18	1969985	CHR18:1969985	SSF x LoA	-9,302	-0,036	0,290
CHR18	1970002	CHR18:1970002	SSF x LoA	-3,384	-0,180	0,278
CHR18	1970081	CHR18:1970081	SSF x LoA	-6,832	0,045	0,290
CHR18	1975309	CHR18:1975309	SSF x LoA	-9,782	0,072	0,286
CHR18	1981459	CHR18:1981459	SSF x LoA	-10,205	-0,044	0,283
CHR18	1988379	CHR18:1988379	SSF x LoA	-8,982	0,085	0,282
CHR18	1988423	CHR18:1988423	SSF x LoA	-8,397	0,134	0,282
CHR18	1988426	CHR18:1988426	SSF x LoA	-7,479	-0,083	0,295
CHR18	1988448	CHR18:1988448	SSF x LoA	-7,708	0,003	0,303
CHR18	1992675	CHR18:1992675	SSF x LoA	-9,362	0,075	0,290
CHR18	1992850	CHR18:1992850	SSF x LoA	-7,955	-0,090	0,271
CHR18	1992895	CHR18:1992895	SSF x LoA	-8,760	-0,030	0,288
CHR18	2009793	CHR18:2009793	SSF x LoA	-10,451	-0,057	0,296
CHR18	2009800	CHR18:2009800	SSF x LoA	-8,661	-0,095	0,296
CHR18	2009878	CHR18:2009878	SSF x LoA	-7,631	-0,044	0,300
CHR18	2009900	CHR18:2009900	SSF x LoA	-10,037	-0,018	0,290
CHR18	2012804	CHR18:2012804	SSF x LoA	-10,499	0,051	0,287
CHR18	2030799	CHR18:2030799	SSF x LoA	-10,152	0,031	0,285
CHR18	2031687	CHR18:2031687	SSF x LoA	-9,668	-0,033	0,296
CHR18	2031703	CHR18:2031703	SSF x LoA	-8,879	-0,008	0,289
CHR18	2040042	CHR18:2040042	SSF x LoA	-10,885	0,024	0,270
CHR18	2040316	CHR18:2040316	SSF x LoA	-8,807	0,102	0,282
CHR18	2044032	CHR18:2044032	SSF x LoA	-7,403	-0,119	0,276
CHR18	2044339	CHR18:2044339	SSF x LoA	-5,748	0,161	0,289
CHR18	2052219	CHR18:2052219	SSF x LoA	-8,481	-0,045	0,299
CHR18	2052229	CHR18:2052229	SSF x LoA	-11,130	-0,069	0,281
CHR18	2079227	CHR18:2079227	SSF x LoA	-7,387	0,061	0,292
CHR18	2079320	CHR18:2079320	SSF x LoA	-8,553	0,027	0,285
CHR18	2086081	CHR18:2086081	SSF x LoA	-8,925	-0,073	0,291
CHR18	2088035	CHR18:2088035	SSF x LoA	-6,449	0,050	0,291
CHR18	2088064	CHR18:2088064	SSF x LoA	-6,001	-0,063	0,285
CHR18	2110037	CHR18:2110037	SSF x LoA	-9,206	-0,029	0,281
CHR18	2111647	CHR18:2111647	SSF x LoA	-10,766	-0,101	0,284
CHR18	2118882	CHR18:2118882	SSF x LoA	-7,887	0,078	0,297
CHR18	2118954	CHR18:2118954	SSF x LoA	-11,674	-0,034	0,278
CHR18	2119503	CHR18:2119503	SSF x LoA	-7,431	0,003	0,290
CHR18	2136914	CHR18:2136914	SSF x LoA	-10,782	0,090	0,286
CHR18	2137042	CHR18:2137042	SSF x LoA	-9,469	0,061	0,290
CHR18	2137057	CHR18:2137057	SSF x LoA	-9,689	0,015	0,293
CHR18	2137209	CHR18:2137209	SSF x LoA	-8,718	0,042	0,312
CHR18	2137244	CHR18:2137244	SSF x LoA	-10,897	-0,024	0,297
CHR18	2141949	CHR18:2141949	SSF x LoA	-5,750	-0,013	0,290
CHR18	2143475	CHR18:2143475	SSF x LoA	-8,175	-0,096	0,294
CHR18	2143568	CHR18:2143568	SSF x LoA	-5,500	-0,054	0,280
CHR18	2150304	CHR18:2150304	SSF x LoA	-8,647	0,122	0,287
CHR18	2150345	CHR18:2150345	SSF x LoA	-9,447	0,020	0,279
CHR18	2150375	CHR18:2150375	SSF x LoA	-10,236	0,055	0,297
CHR18	2167181	CHR18:2167181	SSF x LoA	-9,157	0,042	0,286
CHR18	2167298	CHR18:2167298	SSF x LoA	-7,818	-0,029	0,283
CHR18	2173592	CHR18:2173592	SSF x LoA	-4,371	-0,187	0,285
CHR18	2173624	CHR18:2173624	SSF x LoA	-3,729	0,224	0,270

CHR18	2173686	CHR18:2173686	SSF x LoA	-8,368	-0,117	0,277
CHR18	2178365	CHR18:2178365	SSF x LoA	-8,321	-0,046	0,295
CHR18	2179731	CHR18:2179731	SSF x LoA	-5,690	-0,178	0,275
CHR18	2182234	CHR18:2182234	SSF x LoA	-9,165	-0,035	0,299
CHR18	2189015	CHR18:2189015	SSF x LoA	-10,186	-0,006	0,289
CHR18	2189061	CHR18:2189061	SSF x LoA	2,287	0,123	0,290
CHR18	2189139	CHR18:2189139	SSF x LoA	-11,200	0,012	0,296
CHR18	2189159	CHR18:2189159	SSF x LoA	-5,923	-0,030	0,293
CHR18	2189195	CHR18:2189195	SSF x LoA	-8,333	-0,026	0,282
CHR18	2189243	CHR18:2189243	SSF x LoA	-1,975	-0,125	0,291
CHR18	2189321	CHR18:2189321	SSF x LoA	-10,053	-0,016	0,298
CHR18	2191498	CHR18:2191498	SSF x LoA	-7,563	0,142	0,286
CHR18	2191504	CHR18:2191504	SSF x LoA	-8,027	0,012	0,282
CHR18	2191573	CHR18:2191573	SSF x LoA	-8,411	-0,094	0,273
CHR18	2191609	CHR18:2191609	SSF x LoA	-8,883	0,035	0,296
CHR18	2191710	CHR18:2191710	SSF x LoA	-8,588	0,106	0,296
CHR18	2191726	CHR18:2191726	SSF x LoA	-7,564	0,092	0,304
CHR18	2191742	CHR18:2191742	SSF x LoA	-9,344	-0,009	0,297
CHR18	2197808	CHR18:2197808	SSF x LoA	-8,497	0,090	0,291
CHR18	2197908	CHR18:2197908	SSF x LoA	-10,078	0,091	0,299
CHR18	2197984	CHR18:2197984	SSF x LoA	-8,555	-0,006	0,304
CHR18	2209306	CHR18:2209306	SSF x LoA	-6,771	-0,165	0,295
CHR18	2225492	CHR18:2225492	SSF x LoA	-6,521	0,136	0,288
CHR18	2225525	CHR18:2225525	SSF x LoA	-8,418	-0,084	0,289
CHR18	2225566	CHR18:2225566	SSF x LoA	-8,045	0,076	0,304
CHR18	2225582	CHR18:2225582	SSF x LoA	-5,400	-0,015	0,304
CHR18	2225970	CHR18:2225970	SSF x LoA	-11,161	0,068	0,289
CHR18	2266492	CHR18:2266492	SSF x LoA	-7,798	-0,016	0,286
CHR18	2266498	CHR18:2266498	SSF x LoA	-9,120	-0,136	0,271
CHR18	2266502	CHR18:2266502	SSF x LoA	-6,993	-0,151	0,275
CHR18	2266600	CHR18:2266600	SSF x LoA	-9,012	0,046	0,288
CHR18	2276131	CHR18:2276131	SSF x LoA	-6,760	-0,047	0,308
CHR18	2276155	CHR18:2276155	SSF x LoA	-9,102	0,077	0,304
CHR18	2276174	CHR18:2276174	SSF x LoA	-8,633	0,062	0,293
CHR18	2276178	CHR18:2276178	SSF x LoA	-6,411	0,111	0,283
CHR18	2276200	CHR18:2276200	SSF x LoA	-7,502	0,142	0,294
CHR18	2276213	CHR18:2276213	SSF x LoA	-7,231	0,080	0,279
CHR18	2292041	CHR18:2292041	SSF x LoA	-5,727	0,005	0,292
CHR18	2292186	CHR18:2292186	SSF x LoA	-8,090	-0,004	0,289
CHR18	2296548	CHR18:2296548	SSF x LoA	-10,345	0,015	0,292
CHR18	2327796	CHR18:2327796	SSF x LoA	-10,017	0,103	0,284
CHR18	2327832	CHR18:2327832	SSF x LoA	-7,573	0,163	0,296
CHR18	2327884	CHR18:2327884	SSF x LoA	-4,998	-0,168	0,277
CHR18	2333992	CHR18:2333992	SSF x LoA	-10,014	-0,004	0,298
CHR18	2337163	CHR18:2337163	SSF x LoA	-3,835	0,117	0,286
CHR18	2338658	CHR18:2338658	SSF x LoA	-10,638	-0,051	0,294
CHR18	2338666	CHR18:2338666	SSF x LoA	-10,749	-0,093	0,286
CHR18	2338779	CHR18:2338779	SSF x LoA	-11,388	-0,054	0,282
CHR18	2347367	CHR18:2347367	SSF x LoA	-8,752	0,070	0,289
CHR18	2347589	CHR18:2347589	SSF x LoA	-7,901	-0,048	0,284
CHR18	2349333	CHR18:2349333	SSF x LoA	-8,003	0,090	0,293
CHR18	2349345	CHR18:2349345	SSF x LoA	-9,897	0,076	0,294
CHR18	2349482	CHR18:2349482	SSF x LoA	-10,226	0,042	0,299

CHR18	2349521	CHR18:2349521	SSF x LoA	-9,330	0,042	0,288
CHR18	2349550	CHR18:2349550	SSF x LoA	-9,817	-0,005	0,272
CHR18	2354910	CHR18:2354910	SSF x LoA	-6,402	-0,009	0,291
CHR18	2354950	CHR18:2354950	SSF x LoA	-5,469	-0,231	0,256
CHR18	2355006	CHR18:2355006	SSF x LoA	-10,872	0,058	0,277
CHR18	2367120	CHR18:2367120	SSF x LoA	-8,860	-0,107	0,286
CHR18	2367148	CHR18:2367148	SSF x LoA	-7,639	0,022	0,296
CHR18	2367530	CHR18:2367530	SSF x LoA	-6,279	0,040	0,278
CHR18	2377348	CHR18:2377348	SSF x LoA	-10,872	0,035	0,302
CHR18	2391673	CHR18:2391673	SSF x LoA	-8,529	0,080	0,297
CHR18	2391683	CHR18:2391683	SSF x LoA	-6,674	-0,002	0,305
CHR18	2391740	CHR18:2391740	SSF x LoA	-7,720	0,021	0,292
CHR18	2391774	CHR18:2391774	SSF x LoA	-10,888	-0,085	0,293
CHR18	2391779	CHR18:2391779	SSF x LoA	-8,439	0,024	0,300
CHR18	2391801	CHR18:2391801	SSF x LoA	-6,241	-0,071	0,309
CHR18	2391958	CHR18:2391958	SSF x LoA	-8,973	0,035	0,289
CHR18	2397501	CHR18:2397501	SSF x LoA	-8,623	0,107	0,288
CHR18	2399346	CHR18:2399346	SSF x LoA	-4,970	-0,173	0,273
CHR18	2423714	CHR18:2423714	SSF x LoA	-8,515	-0,099	0,291
CHR18	2423724	CHR18:2423724	SSF x LoA	-10,943	0,080	0,293
CHR18	2423896	CHR18:2423896	SSF x LoA	-8,599	-0,103	0,282
CHR18	2427550	CHR18:2427550	SSF x LoA	-9,679	0,073	0,272
CHR18	2427634	CHR18:2427634	SSF x LoA	-6,716	0,133	0,283
CHR18	2432530	CHR18:2432530	SSF x LoA	-9,915	0,057	0,286
CHR18	2432601	CHR18:2432601	SSF x LoA	-7,889	-0,095	0,300
CHR18	2434958	CHR18:2434958	SSF x LoA	-10,547	-0,017	0,292
CHR18	2434988	CHR18:2434988	SSF x LoA	-10,437	-0,007	0,285
CHR18	2436974	CHR18:2436974	SSF x LoA	-8,850	0,049	0,291
CHR18	2438400	CHR18:2438400	SSF x LoA	-7,888	0,130	0,292
CHR18	2438464	CHR18:2438464	SSF x LoA	-9,207	-0,059	0,296
CHR18	2438465	CHR18:2438465	SSF x LoA	-9,363	-0,023	0,300
CHR18	2438494	CHR18:2438494	SSF x LoA	-10,407	-0,041	0,280
CHR18	2438610	CHR18:2438610	SSF x LoA	-10,007	0,010	0,281
CHR18	2438656	CHR18:2438656	SSF x LoA	-8,634	0,048	0,258
CHR18	2448146	CHR18:2448146	SSF x LoA	-7,582	0,035	0,279
CHR18	2448349	CHR18:2448349	SSF x LoA	-9,164	-0,021	0,288
CHR18	2448360	CHR18:2448360	SSF x LoA	-9,700	0,062	0,288
CHR18	2448372	CHR18:2448372	SSF x LoA	-8,483	0,023	0,288
CHR18	2448377	CHR18:2448377	SSF x LoA	-5,841	-0,191	0,279
CHR18	2448463	CHR18:2448463	SSF x LoA	-9,309	0,087	0,300
CHR18	2460650	CHR18:2460650	SSF x LoA	-9,540	-0,102	0,283
CHR18	2460654	CHR18:2460654	SSF x LoA	-10,409	-0,093	0,268
CHR18	2460674	CHR18:2460674	SSF x LoA	-6,994	-0,019	0,291
CHR18	2460703	CHR18:2460703	SSF x LoA	-9,209	0,015	0,307
CHR18	2460757	CHR18:2460757	SSF x LoA	-5,508	-0,077	0,289
CHR18	2460836	CHR18:2460836	SSF x LoA	-8,475	0,094	0,287
CHR18	2460842	CHR18:2460842	SSF x LoA	-7,522	-0,108	0,286
CHR18	2471898	CHR18:2471898	SSF x LoA	-8,713	0,014	0,291
CHR18	2487758	CHR18:2487758	SSF x LoA	-8,269	-0,017	0,276
CHR18	2487773	CHR18:2487773	SSF x LoA	-10,084	0,068	0,287
CHR18	2487790	CHR18:2487790	SSF x LoA	-6,250	0,129	0,275
CHR18	2487791	CHR18:2487791	SSF x LoA	-10,371	-0,010	0,303
CHR18	2487808	CHR18:2487808	SSF x LoA	-8,171	-0,040	0,276

CHR18	2504371	CHR18:2504371	SSF x LoA	-9,482	0,086	0,284
CHR18	2504596	CHR18:2504596	SSF x LoA	-10,612	-0,013	0,294
CHR18	2529089	CHR18:2529089	SSF x LoA	-1,007	0,252	0,269
CHR18	2529113	CHR18:2529113	SSF x LoA	-6,755	0,217	0,260
CHR18	2529116	CHR18:2529116	SSF x LoA	-5,590	0,202	0,274
CHR18	2531819	CHR18:2531819	SSF x LoA	-7,727	-0,010	0,301
CHR18	2531829	CHR18:2531829	SSF x LoA	-7,498	-0,045	0,308
CHR18	2531885	CHR18:2531885	SSF x LoA	-7,678	-0,008	0,289
CHR18	2531934	CHR18:2531934	SSF x LoA	-7,786	-0,064	0,304
CHR18	2531945	CHR18:2531945	SSF x LoA	-10,158	-0,027	0,274
CHR18	2531967	CHR18:2531967	SSF x LoA	-4,949	-0,218	0,278
CHR18	2531994	CHR18:2531994	SSF x LoA	-10,734	-0,020	0,286
CHR18	2532014	CHR18:2532014	SSF x LoA	-7,604	-0,041	0,283
CHR18	2532045	CHR18:2532045	SSF x LoA	-8,780	-0,072	0,274
CHR18	2532079	CHR18:2532079	SSF x LoA	-9,078	-0,074	0,285
CHR18	2536344	CHR18:2536344	SSF x LoA	-8,580	0,160	0,289
CHR18	2547255	CHR18:2547255	SSF x LoA	-9,895	-0,040	0,285
CHR18	2547272	CHR18:2547272	SSF x LoA	-5,667	0,089	0,273
CHR18	2547472	CHR18:2547472	SSF x LoA	-7,734	0,069	0,271
CHR18	2547516	CHR18:2547516	SSF x LoA	-5,688	-0,128	0,277
CHR18	2552860	CHR18:2552860	SSF x LoA	-5,756	-0,009	0,307
CHR18	2552955	CHR18:2552955	SSF x LoA	-4,181	-0,158	0,278
CHR18	2552980	CHR18:2552980	SSF x LoA	-9,554	0,080	0,291
CHR18	2552991	CHR18:2552991	SSF x LoA	-6,136	0,073	0,288
CHR18	2564169	CHR18:2564169	SSF x LoA	-4,128	0,175	0,291
CHR18	2564230	CHR18:2564230	SSF x LoA	-3,428	-0,228	0,268
CHR18	2564308	CHR18:2564308	SSF x LoA	-8,586	-0,097	0,284
CHR18	2564423	CHR18:2564423	SSF x LoA	-7,325	-0,145	0,292
CHR18	2564424	CHR18:2564424	SSF x LoA	-10,999	0,075	0,279
CHR18	2564458	CHR18:2564458	SSF x LoA	-10,133	-0,005	0,272
CHR18	2578774	CHR18:2578774	SSF x LoA	-6,920	0,193	0,286
CHR18	2578845	CHR18:2578845	SSF x LoA	-8,528	-0,016	0,305
CHR18	2578904	CHR18:2578904	SSF x LoA	-8,983	-0,051	0,300
CHR18	2590630	CHR18:2590630	SSF x LoA	-7,911	-0,033	0,303
CHR18	2590680	CHR18:2590680	SSF x LoA	-8,149	-0,165	0,271
CHR18	2590686	CHR18:2590686	SSF x LoA	-5,384	-0,208	0,279
CHR18	2590798	CHR18:2590798	SSF x LoA	-6,344	-0,180	0,285
CHR18	2590815	CHR18:2590815	SSF x LoA	-11,229	-0,007	0,280
CHR18	2641205	CHR18:2641205	SSF x LoA	-9,751	-0,072	0,278
CHR18	2641260	CHR18:2641260	SSF x LoA	-9,862	0,026	0,287
CHR18	2650805	CHR18:2650805	SSF x LoA	-8,526	0,026	0,291
CHR18	2650815	CHR18:2650815	SSF x LoA	-10,619	-0,025	0,293
CHR18	2650917	CHR18:2650917	SSF x LoA	-2,447	0,126	0,294
CHR18	2650972	CHR18:2650972	SSF x LoA	-6,358	0,040	0,294
CHR18	2650990	CHR18:2650990	SSF x LoA	-7,644	-0,013	0,294
CHR18	2651021	CHR18:2651021	SSF x LoA	-10,761	0,030	0,289
CHR18	2653030	CHR18:2653030	SSF x LoA	-8,456	-0,075	0,304
CHR18	2658962	CHR18:2658962	SSF x LoA	-10,952	0,031	0,289
CHR18	2666711	CHR18:2666711	SSF x LoA	-8,040	-0,147	0,291
CHR18	2666716	CHR18:2666716	SSF x LoA	-9,929	-0,126	0,280
CHR18	2666839	CHR18:2666839	SSF x LoA	-8,192	0,000	0,288
CHR18	2674075	CHR18:2674075	SSF x LoA	-5,041	-0,170	0,291
CHR18	2677826	CHR18:2677826	SSF x LoA	-7,819	0,039	0,286

CHR18	2679153	CHR18:2679153	SSF x LoA	-8,673	-0,015	0,298
CHR18	2679155	CHR18:2679155	SSF x LoA	-10,462	0,047	0,298
CHR18	2679181	CHR18:2679181	SSF x LoA	-0,389	-0,084	0,292
CHR18	2679217	CHR18:2679217	SSF x LoA	-8,651	0,053	0,292
CHR18	2679294	CHR18:2679294	SSF x LoA	-10,909	0,003	0,286
CHR18	2679304	CHR18:2679304	SSF x LoA	-9,666	-0,144	0,284
CHR18	2689614	CHR18:2689614	SSF x LoA	-9,683	-0,017	0,280
CHR18	2689841	CHR18:2689841	SSF x LoA	-10,022	-0,068	0,291
CHR18	2705846	CHR18:2705846	SSF x LoA	-10,202	0,099	0,293
CHR18	2705912	CHR18:2705912	SSF x LoA	-10,729	0,040	0,301
CHR18	2705933	CHR18:2705933	SSF x LoA	-7,932	-0,081	0,292
CHR18	2707076	CHR18:2707076	SSF x LoA	-7,753	0,006	0,281
CHR18	2707079	CHR18:2707079	SSF x LoA	-6,771	0,018	0,283
CHR18	2707119	CHR18:2707119	SSF x LoA	-8,074	-0,043	0,286
CHR18	2707123	CHR18:2707123	SSF x LoA	-8,389	-0,027	0,289
CHR18	2707137	CHR18:2707137	SSF x LoA	-8,327	0,021	0,280
CHR18	2708661	CHR18:2708661	SSF x LoA	-8,358	0,118	0,308
CHR18	2714259	CHR18:2714259	SSF x LoA	-8,364	-0,067	0,290
CHR18	2718152	CHR18:2718152	SSF x LoA	-8,232	-0,087	0,286
CHR18	2736241	CHR18:2736241	SSF x LoA	-11,169	-0,024	0,295
CHR18	2736548	CHR18:2736548	SSF x LoA	-0,864	-0,151	0,287
CHR18	2745734	CHR18:2745734	SSF x LoA	-7,666	-0,073	0,301
CHR18	2745742	CHR18:2745742	SSF x LoA	-9,265	0,111	0,295
CHR18	2745748	CHR18:2745748	SSF x LoA	-9,131	-0,007	0,294
CHR18	2745803	CHR18:2745803	SSF x LoA	-8,483	-0,052	0,283
CHR18	2745943	CHR18:2745943	SSF x LoA	-8,045	-0,117	0,310
CHR18	2746050	CHR18:2746050	SSF x LoA	-11,031	-0,025	0,299
CHR18	2754150	CHR18:2754150	SSF x LoA	-4,993	-0,240	0,271
CHR18	2754447	CHR18:2754447	SSF x LoA	-8,511	-0,028	0,285
CHR18	2779622	CHR18:2779622	SSF x LoA	-7,526	-0,113	0,291
CHR18	2779868	CHR18:2779868	SSF x LoA	-10,677	-0,003	0,278
CHR18	2779916	CHR18:2779916	SSF x LoA	-8,382	0,051	0,288
CHR18	2779976	CHR18:2779976	SSF x LoA	-6,637	-0,004	0,293
CHR18	2780013	CHR18:2780013	SSF x LoA	-8,865	0,048	0,295
CHR18	2783522	CHR18:2783522	SSF x LoA	-10,194	0,011	0,290
CHR18	2783589	CHR18:2783589	SSF x LoA	-10,812	0,016	0,293
CHR18	2802562	CHR18:2802562	SSF x LoA	-9,876	0,013	0,276
CHR18	2802822	CHR18:2802822	SSF x LoA	-7,267	-0,068	0,305
CHR18	2810994	CHR18:2810994	SSF x LoA	-9,193	0,007	0,294
CHR18	2817375	CHR18:2817375	SSF x LoA	-8,660	-0,069	0,276
CHR18	2817446	CHR18:2817446	SSF x LoA	-6,718	0,124	0,280
CHR18	2817449	CHR18:2817449	SSF x LoA	-7,069	0,045	0,292
CHR18	2817456	CHR18:2817456	SSF x LoA	-7,902	0,113	0,281
CHR18	2817686	CHR18:2817686	SSF x LoA	-10,517	0,024	0,292
CHR18	2817704	CHR18:2817704	SSF x LoA	-10,620	0,099	0,296
CHR18	2820480	CHR18:2820480	SSF x LoA	-8,836	0,000	0,298
CHR18	2820511	CHR18:2820511	SSF x LoA	-8,678	-0,074	0,278
CHR18	2820522	CHR18:2820522	SSF x LoA	-1,368	0,007	0,287
CHR18	2820558	CHR18:2820558	SSF x LoA	-10,053	0,047	0,306
CHR18	2820568	CHR18:2820568	SSF x LoA	-9,115	0,103	0,296
CHR18	2820619	CHR18:2820619	SSF x LoA	-11,225	0,056	0,288
CHR18	2836405	CHR18:2836405	SSF x LoA	-10,956	-0,027	0,294
CHR18	2836600	CHR18:2836600	SSF x LoA	-8,202	0,015	0,294

CHR18	2841996	CHR18:2841996	SSF x LoA	-9,368	0,057	0,278
CHR18	2842028	CHR18:2842028	SSF x LoA	-9,043	0,011	0,283
CHR18	2842158	CHR18:2842158	SSF x LoA	-10,037	-0,008	0,291
CHR18	2846322	CHR18:2846322	SSF x LoA	-7,148	-0,026	0,308
CHR18	2846361	CHR18:2846361	SSF x LoA	-9,014	0,117	0,290
CHR18	2846496	CHR18:2846496	SSF x LoA	-7,373	-0,087	0,284
CHR18	2852024	CHR18:2852024	SSF x LoA	-10,861	0,000	0,282
CHR18	2852282	CHR18:2852282	SSF x LoA	-5,422	0,117	0,289
CHR18	2852398	CHR18:2852398	SSF x LoA	-7,471	-0,108	0,290
CHR18	2852406	CHR18:2852406	SSF x LoA	-8,736	-0,015	0,285
CHR18	2861326	CHR18:2861326	SSF x LoA	-7,577	-0,005	0,279
CHR18	2861348	CHR18:2861348	SSF x LoA	-8,441	-0,011	0,273
CHR18	2861405	CHR18:2861405	SSF x LoA	-8,191	-0,097	0,294
CHR18	2861438	CHR18:2861438	SSF x LoA	-7,924	0,110	0,280
CHR18	2861464	CHR18:2861464	SSF x LoA	-7,201	0,042	0,287
CHR18	2867912	CHR18:2867912	SSF x LoA	-9,258	-0,012	0,293
CHR18	2868151	CHR18:2868151	SSF x LoA	-11,870	-0,048	0,286
CHR18	2868244	CHR18:2868244	SSF x LoA	-10,546	0,016	0,290
CHR18	2884949	CHR18:2884949	SSF x LoA	-9,453	0,094	0,270
CHR18	2887378	CHR18:2887378	SSF x LoA	-8,035	0,014	0,291
CHR18	2887452	CHR18:2887452	SSF x LoA	-8,737	0,041	0,279
CHR18	2887503	CHR18:2887503	SSF x LoA	-10,382	0,019	0,303
CHR18	2889912	CHR18:2889912	SSF x LoA	-10,685	-0,122	0,279
CHR18	2889957	CHR18:2889957	SSF x LoA	-7,604	0,112	0,281
CHR18	2889975	CHR18:2889975	SSF x LoA	-10,968	-0,031	0,287
CHR18	2890001	CHR18:2890001	SSF x LoA	0,047	0,092	0,296
CHR18	2890062	CHR18:2890062	SSF x LoA	-6,884	0,188	0,292
CHR18	2916602	CHR18:2916602	SSF x LoA	-6,133	0,037	0,299
CHR18	2916719	CHR18:2916719	SSF x LoA	-6,280	-0,200	0,276
CHR18	2920836	CHR18:2920836	SSF x LoA	-7,620	-0,171	0,282
CHR18	2920948	CHR18:2920948	SSF x LoA	-6,471	-0,132	0,272
CHR18	2921047	CHR18:2921047	SSF x LoA	-9,658	-0,012	0,291
CHR18	2921073	CHR18:2921073	SSF x LoA	-9,768	-0,059	0,281
CHR18	2943361	CHR18:2943361	SSF x LoA	-7,622	-0,041	0,269
CHR18	2952385	CHR18:2952385	SSF x LoA	-8,295	-0,007	0,294
CHR18	2952575	CHR18:2952575	SSF x LoA	-5,705	-0,122	0,286
CHR18	2952708	CHR18:2952708	SSF x LoA	-9,346	-0,074	0,288
CHR18	2980845	CHR18:2980845	SSF x LoA	-8,067	-0,071	0,290
CHR18	2980846	CHR18:2980846	SSF x LoA	-8,292	-0,068	0,290
CHR18	2980924	CHR18:2980924	SSF x LoA	-5,728	-0,201	0,293
CHR18	2981585	CHR18:2981585	SSF x LoA	-8,815	-0,041	0,289
CHR18	2981781	CHR18:2981781	SSF x LoA	-2,875	-0,259	0,280
CHR18	3010693	CHR18:3010693	SSF x LoA	-9,555	0,068	0,282
CHR18	3010772	CHR18:3010772	SSF x LoA	-6,032	0,164	0,285
CHR18	3010789	CHR18:3010789	SSF x LoA	-8,227	0,008	0,282
CHR18	3025945	CHR18:3025945	SSF x LoA	-8,780	0,061	0,294
CHR18	3026048	CHR18:3026048	SSF x LoA	-8,811	0,035	0,287
CHR18	3026101	CHR18:3026101	SSF x LoA	-8,111	0,085	0,297
CHR18	3026108	CHR18:3026108	SSF x LoA	-7,617	0,054	0,304
CHR18	3026116	CHR18:3026116	SSF x LoA	-8,236	-0,084	0,280
CHR18	3034054	CHR18:3034054	SSF x LoA	-6,815	0,046	0,302
CHR18	3034079	CHR18:3034079	SSF x LoA	-7,982	-0,087	0,286
CHR18	3034117	CHR18:3034117	SSF x LoA	-10,741	0,032	0,290

CHR18	3034119	CHR18:3034119	SSF x LoA	-10,287	0,005	0,292
CHR18	3034186	CHR18:3034186	SSF x LoA	-6,609	0,053	0,294
CHR18	3034260	CHR18:3034260	SSF x LoA	-9,864	-0,133	0,290
CHR18	3053340	CHR18:3053340	SSF x LoA	-6,979	-0,043	0,305
CHR18	3053351	CHR18:3053351	SSF x LoA	-2,182	-0,059	0,302
CHR18	3053362	CHR18:3053362	SSF x LoA	0,041	-0,159	0,289
CHR18	3053383	CHR18:3053383	SSF x LoA	-7,474	-0,091	0,294
CHR18	3053401	CHR18:3053401	SSF x LoA	-7,554	-0,016	0,287
CHR18	3053405	CHR18:3053405	SSF x LoA	-7,169	-0,031	0,303
CHR18	3053407	CHR18:3053407	SSF x LoA	-7,049	-0,030	0,303
CHR18	3053460	CHR18:3053460	SSF x LoA	-11,370	-0,012	0,289
CHR18	3073181	CHR18:3073181	SSF x LoA	-7,074	0,132	0,284
CHR18	3073215	CHR18:3073215	SSF x LoA	-6,405	0,128	0,297
CHR18	3073217	CHR18:3073217	SSF x LoA	-7,988	0,160	0,283
CHR18	3073228	CHR18:3073228	SSF x LoA	-10,672	0,093	0,282
CHR18	3080718	CHR18:3080718	SSF x LoA	-10,328	0,011	0,295
CHR18	3108842	CHR18:3108842	SSF x LoA	-10,519	0,090	0,299
CHR18	3108896	CHR18:3108896	SSF x LoA	-6,281	-0,154	0,273
CHR18	3124546	CHR18:3124546	SSF x LoA	-9,773	-0,087	0,294
CHR18	3124621	CHR18:3124621	SSF x LoA	-9,130	0,073	0,297
CHR18	3124717	CHR18:3124717	SSF x LoA	-9,924	0,027	0,288
CHR18	3143253	CHR18:3143253	SSF x LoA	-5,580	-0,018	0,302
CHR18	3148060	CHR18:3148060	SSF x LoA	-10,930	-0,005	0,290
CHR18	3148153	CHR18:3148153	SSF x LoA	-7,274	0,062	0,295
CHR18	3153320	CHR18:3153320	SSF x LoA	-9,499	0,055	0,291
CHR18	3153334	CHR18:3153334	SSF x LoA	-11,325	0,022	0,289
CHR18	3153348	CHR18:3153348	SSF x LoA	-11,343	0,034	0,296
CHR18	3153371	CHR18:3153371	SSF x LoA	-10,678	0,048	0,285
CHR18	3153385	CHR18:3153385	SSF x LoA	-7,941	0,006	0,300
CHR18	3153446	CHR18:3153446	SSF x LoA	-9,815	0,026	0,290
CHR18	3153455	CHR18:3153455	SSF x LoA	-9,425	-0,002	0,287
CHR18	3153471	CHR18:3153471	SSF x LoA	-9,781	0,012	0,293
CHR18	3153478	CHR18:3153478	SSF x LoA	-9,959	-0,034	0,284
CHR18	3153534	CHR18:3153534	SSF x LoA	-9,796	0,016	0,288
CHR18	3153565	CHR18:3153565	SSF x LoA	-9,613	-0,053	0,284
CHR18	3170803	CHR18:3170803	SSF x LoA	-9,412	-0,129	0,276
CHR18	3170850	CHR18:3170850	SSF x LoA	-8,106	0,065	0,288
CHR18	3175826	CHR18:3175826	SSF x LoA	-10,300	0,020	0,290
CHR18	3175868	CHR18:3175868	SSF x LoA	-10,893	-0,015	0,283
CHR18	3175872	CHR18:3175872	SSF x LoA	-7,214	0,174	0,268
CHR18	3175981	CHR18:3175981	SSF x LoA	-7,903	0,199	0,281
CHR18	3180477	CHR18:3180477	SSF x LoA	-6,778	-0,166	0,286
CHR18	3183528	CHR18:3183528	SSF x LoA	-6,097	-0,115	0,275
CHR18	3189896	CHR18:3189896	SSF x LoA	-9,253	-0,072	0,297
CHR18	3192325	CHR18:3192325	SSF x LoA	-5,256	-0,120	0,278
CHR18	3192326	CHR18:3192326	SSF x LoA	-8,030	-0,120	0,271
CHR18	3192502	CHR18:3192502	SSF x LoA	-4,073	-0,182	0,274
CHR18	3199922	CHR18:3199922	SSF x LoA	-9,690	-0,025	0,287
CHR18	3200127	CHR18:3200127	SSF x LoA	-12,113	0,010	0,273
CHR18	3203675	CHR18:3203675	SSF x LoA	-10,239	-0,093	0,289
CHR18	3203701	CHR18:3203701	SSF x LoA	-9,034	0,052	0,305
CHR18	3203824	CHR18:3203824	SSF x LoA	-8,513	0,008	0,292
CHR18	3214972	CHR18:3214972	SSF x LoA	-9,513	-0,074	0,273

CHR18	3220120	CHR18:3220120	SSF x LoA	-11,061	0,008	0,285
CHR18	3220252	CHR18:3220252	SSF x LoA	-7,918	-0,022	0,296
CHR18	3236389	CHR18:3236389	SSF x LoA	-7,274	0,141	0,284
CHR18	3275492	CHR18:3275492	SSF x LoA	-11,068	-0,017	0,287
CHR18	3286107	CHR18:3286107	SSF x LoA	-7,524	-0,123	0,294
CHR18	3307425	CHR18:3307425	SSF x LoA	-8,187	-0,010	0,313
CHR18	3307535	CHR18:3307535	SSF x LoA	-4,820	0,185	0,280
CHR18	3311212	CHR18:3311212	SSF x LoA	-8,660	0,064	0,306
CHR18	3326389	CHR18:3326389	SSF x LoA	-9,058	-0,013	0,282
CHR18	3326460	CHR18:3326460	SSF x LoA	-7,388	0,040	0,295
CHR18	3326522	CHR18:3326522	SSF x LoA	-7,693	-0,117	0,283
CHR18	3326537	CHR18:3326537	SSF x LoA	-7,817	-0,153	0,278
CHR18	3326542	CHR18:3326542	SSF x LoA	-5,061	-0,160	0,296
CHR18	3326555	CHR18:3326555	SSF x LoA	-7,296	-0,132	0,297
CHR18	3326564	CHR18:3326564	SSF x LoA	-8,217	-0,161	0,284
CHR18	3326620	CHR18:3326620	SSF x LoA	0,110	-0,226	0,281
CHR18	3326632	CHR18:3326632	SSF x LoA	-9,667	0,067	0,298
CHR18	3326633	CHR18:3326633	SSF x LoA	-6,131	-0,198	0,282
CHR18	3326639	CHR18:3326639	SSF x LoA	-4,859	-0,226	0,268
CHR18	3326643	CHR18:3326643	SSF x LoA	-9,744	-0,044	0,296
CHR18	3326681	CHR18:3326681	SSF x LoA	-9,083	-0,107	0,274
CHR18	3326708	CHR18:3326708	SSF x LoA	-10,345	-0,017	0,302
CHR18	3326720	CHR18:3326720	SSF x LoA	-8,116	0,053	0,271
CHR18	3340031	CHR18:3340031	SSF x LoA	-8,939	0,114	0,285
CHR18	3340117	CHR18:3340117	SSF x LoA	-7,838	0,109	0,275
CHR18	3340162	CHR18:3340162	SSF x LoA	-7,238	0,161	0,266
CHR18	3340168	CHR18:3340168	SSF x LoA	-10,229	-0,084	0,282
CHR18	3340181	CHR18:3340181	SSF x LoA	-8,677	0,107	0,267
CHR18	3340242	CHR18:3340242	SSF x LoA	-10,172	-0,052	0,273
CHR18	3340306	CHR18:3340306	SSF x LoA	-10,525	-0,061	0,293
CHR18	3343797	CHR18:3343797	SSF x LoA	-7,971	0,001	0,311
CHR18	3357140	CHR18:3357140	SSF x LoA	-8,089	-0,178	0,274
CHR18	3365761	CHR18:3365761	SSF x LoA	-10,819	0,021	0,294
CHR18	3365770	CHR18:3365770	SSF x LoA	-4,151	-0,131	0,281
CHR18	3367080	CHR18:3367080	SSF x LoA	-11,185	0,048	0,296
CHR18	3367264	CHR18:3367264	SSF x LoA	-11,608	0,064	0,292
CHR18	3369032	CHR18:3369032	SSF x LoA	-6,324	0,091	0,287
CHR18	3376029	CHR18:3376029	SSF x LoA	-8,704	-0,085	0,287
CHR18	3376031	CHR18:3376031	SSF x LoA	-7,763	-0,089	0,291
CHR18	3391188	CHR18:3391188	SSF x LoA	-5,827	-0,199	0,272
CHR18	3411631	CHR18:3411631	SSF x LoA	-6,664	0,090	0,298
CHR18	3411668	CHR18:3411668	SSF x LoA	-2,689	-0,078	0,283
CHR18	3411685	CHR18:3411685	SSF x LoA	-7,630	0,101	0,291
CHR18	3411717	CHR18:3411717	SSF x LoA	-8,397	0,069	0,288
CHR18	3411734	CHR18:3411734	SSF x LoA	-5,956	-0,061	0,284
CHR18	3411777	CHR18:3411777	SSF x LoA	-7,340	-0,066	0,289
CHR18	3411792	CHR18:3411792	SSF x LoA	-8,616	0,102	0,298
CHR18	3411815	CHR18:3411815	SSF x LoA	-7,663	-0,024	0,288
CHR18	3411894	CHR18:3411894	SSF x LoA	-6,981	0,072	0,281
CHR18	3435556	CHR18:3435556	SSF x LoA	-10,145	0,127	0,274
CHR18	3444242	CHR18:3444242	SSF x LoA	-8,962	-0,119	0,284
CHR18	3452166	CHR18:3452166	SSF x LoA	-8,591	0,047	0,300
CHR18	3452930	CHR18:3452930	SSF x LoA	-9,848	0,067	0,288

CHR18	3452935	CHR18:3452935	SSF x LoA	-7,263	0,173	0,272
CHR18	3452939	CHR18:3452939	SSF x LoA	-5,487	0,182	0,282
CHR18	3452974	CHR18:3452974	SSF x LoA	-5,338	0,151	0,298
CHR18	3452975	CHR18:3452975	SSF x LoA	-7,623	0,133	0,278
CHR18	3452985	CHR18:3452985	SSF x LoA	-5,326	-0,190	0,282
CHR18	3452998	CHR18:3452998	SSF x LoA	-2,009	0,171	0,271
CHR18	3466098	CHR18:3466098	SSF x LoA	-1,733	-0,290	0,256
CHR18	3466173	CHR18:3466173	SSF x LoA	-10,210	0,074	0,280
CHR18	3466220	CHR18:3466220	SSF x LoA	-1,318	0,244	0,253
CHR18	3466253	CHR18:3466253	SSF x LoA	-3,018	-0,248	0,270
CHR18	3466268	CHR18:3466268	SSF x LoA	-4,925	-0,149	0,275
CHR18	3466279	CHR18:3466279	SSF x LoA	-6,037	0,164	0,285
CHR18	3466317	CHR18:3466317	SSF x LoA	-6,273	0,143	0,280
CHR18	3466355	CHR18:3466355	SSF x LoA	-8,984	0,084	0,288
CHR18	3473884	CHR18:3473884	SSF x LoA	-9,735	0,035	0,287
CHR18	3473899	CHR18:3473899	SSF x LoA	-7,209	-0,126	0,276
CHR18	3473968	CHR18:3473968	SSF x LoA	-7,922	-0,065	0,288
CHR18	3473989	CHR18:3473989	SSF x LoA	-3,456	0,060	0,294
CHR18	3474030	CHR18:3474030	SSF x LoA	-9,282	0,062	0,284
CHR18	3474068	CHR18:3474068	SSF x LoA	-8,830	-0,011	0,287
CHR18	3475588	CHR18:3475588	SSF x LoA	-9,955	-0,063	0,286
CHR18	3475611	CHR18:3475611	SSF x LoA	-7,289	-0,035	0,277
CHR18	3475824	CHR18:3475824	SSF x LoA	-8,025	-0,164	0,279
CHR18	3475890	CHR18:3475890	SSF x LoA	-6,497	0,141	0,281
CHR18	3475892	CHR18:3475892	SSF x LoA	-9,664	0,023	0,281
CHR18	3475904	CHR18:3475904	SSF x LoA	-8,273	0,024	0,280
CHR18	3475917	CHR18:3475917	SSF x LoA	-10,376	0,126	0,287
CHR18	3475923	CHR18:3475923	SSF x LoA	-7,108	0,150	0,268
CHR18	3477663	CHR18:3477663	SSF x LoA	-9,923	-0,054	0,280
CHR18	3477689	CHR18:3477689	SSF x LoA	-9,740	-0,007	0,291
CHR18	3477697	CHR18:3477697	SSF x LoA	-10,465	-0,034	0,291
CHR18	3477709	CHR18:3477709	SSF x LoA	-11,140	-0,015	0,285
CHR18	3477710	CHR18:3477710	SSF x LoA	-9,947	-0,064	0,276
CHR18	3477711	CHR18:3477711	SSF x LoA	-11,189	-0,013	0,293
CHR18	3489017	CHR18:3489017	SSF x LoA	-6,378	-0,004	0,294
CHR18	3489059	CHR18:3489059	SSF x LoA	-8,807	-0,007	0,286
CHR18	3505923	CHR18:3505923	SSF x LoA	-3,878	0,132	0,280
CHR18	3505962	CHR18:3505962	SSF x LoA	-11,209	-0,001	0,291
CHR18	3512354	CHR18:3512354	SSF x LoA	-2,611	-0,137	0,286
CHR18	3512371	CHR18:3512371	SSF x LoA	-8,311	0,134	0,283
CHR18	3520205	CHR18:3520205	SSF x LoA	-9,733	0,048	0,302
CHR18	3520213	CHR18:3520213	SSF x LoA	-7,695	-0,014	0,298
CHR18	3520305	CHR18:3520305	SSF x LoA	-10,098	0,075	0,294
CHR18	3520348	CHR18:3520348	SSF x LoA	-8,465	0,015	0,285
CHR18	3524203	CHR18:3524203	SSF x LoA	-7,360	0,111	0,279
CHR18	3524365	CHR18:3524365	SSF x LoA	-10,962	-0,018	0,278
CHR18	3532186	CHR18:3532186	SSF x LoA	-6,842	-0,037	0,300
CHR18	3532267	CHR18:3532267	SSF x LoA	-7,012	0,155	0,283
CHR18	3532330	CHR18:3532330	SSF x LoA	-7,199	0,131	0,276
CHR18	3532429	CHR18:3532429	SSF x LoA	-9,209	0,071	0,281
CHR18	3532567	CHR18:3532567	SSF x LoA	-9,219	0,126	0,297
CHR18	3532577	CHR18:3532577	SSF x LoA	-8,649	0,075	0,272
CHR18	3547854	CHR18:3547854	SSF x LoA	-10,284	-0,017	0,293

CHR18	3552366	CHR18:3552366	SSF x LoA	-8,923	0,092	0,294
CHR18	3552370	CHR18:3552370	SSF x LoA	-6,045	0,111	0,294
CHR18	3552404	CHR18:3552404	SSF x LoA	-8,417	0,093	0,285
CHR18	3552437	CHR18:3552437	SSF x LoA	-7,805	-0,013	0,288
CHR18	3552460	CHR18:3552460	SSF x LoA	-8,942	-0,038	0,290
CHR18	3563920	CHR18:3563920	SSF x LoA	-5,310	0,006	0,298
CHR18	3563987	CHR18:3563987	SSF x LoA	-9,729	0,066	0,279
CHR18	3564016	CHR18:3564016	SSF x LoA	-9,207	0,049	0,287
CHR18	3564038	CHR18:3564038	SSF x LoA	-9,363	0,063	0,291
CHR18	3564086	CHR18:3564086	SSF x LoA	-8,506	0,008	0,277
CHR18	3564109	CHR18:3564109	SSF x LoA	-7,832	0,077	0,280
CHR18	3571050	CHR18:3571050	SSF x LoA	-8,728	0,062	0,292
CHR18	3617532	CHR18:3617532	SSF x LoA	-8,999	-0,134	0,292
CHR18	3625324	CHR18:3625324	SSF x LoA	-10,221	-0,119	0,271
CHR18	3643167	CHR18:3643167	SSF x LoA	-9,526	0,098	0,277
CHR18	3653457	CHR18:3653457	SSF x LoA	-7,666	-0,007	0,288
CHR18	3656213	CHR18:3656213	SSF x LoA	-9,050	0,034	0,298
CHR18	3656264	CHR18:3656264	SSF x LoA	-9,717	0,023	0,282
CHR18	3659680	CHR18:3659680	SSF x LoA	-8,597	-0,051	0,290
CHR18	3661296	CHR18:3661296	SSF x LoA	-7,236	-0,046	0,289
CHR18	3664408	CHR18:3664408	SSF x LoA	-10,844	0,069	0,278
CHR18	3669218	CHR18:3669218	SSF x LoA	-9,072	0,022	0,287
CHR18	3672019	CHR18:3672019	SSF x LoA	-6,522	0,039	0,305
CHR18	3673848	CHR18:3673848	SSF x LoA	-10,702	0,049	0,270
CHR18	3673861	CHR18:3673861	SSF x LoA	-10,859	0,023	0,294
CHR18	3742671	CHR18:3742671	SSF x LoA	-11,108	0,013	0,274
CHR18	3754570	CHR18:3754570	SSF x LoA	-9,625	0,039	0,305
CHR18	3754692	CHR18:3754692	SSF x LoA	-10,294	0,077	0,296
CHR18	3793286	CHR18:3793286	SSF x LoA	-7,587	-0,123	0,305
CHR18	3803564	CHR18:3803564	SSF x LoA	-9,262	-0,099	0,283
CHR18	3803566	CHR18:3803566	SSF x LoA	-6,269	-0,123	0,288
CHR18	3810057	CHR18:3810057	SSF x LoA	-7,768	-0,075	0,280
CHR18	3892766	CHR18:3892766	SSF x LoA	-10,909	-0,033	0,285
CHR18	3892791	CHR18:3892791	SSF x LoA	-9,227	-0,053	0,283
CHR18	3914845	CHR18:3914845	SSF x LoA	-7,830	-0,216	0,266
CHR18	3918813	CHR18:3918813	SSF x LoA	-6,109	0,003	0,298
CHR18	3925223	CHR18:3925223	SSF x LoA	-8,108	0,028	0,303
CHR18	4108101	CHR18:4108101	SSF x LoA	-7,826	-0,009	0,298
CHR18	4108333	CHR18:4108333	SSF x LoA	-8,286	0,156	0,271
CHR18	4133700	CHR18:4133700	SSF x LoA	-10,932	-0,058	0,277
CHR18	4165899	CHR18:4165899	SSF x LoA	-7,728	-0,002	0,301
CHR18	4176033	CHR18:4176033	SSF x LoA	-6,099	-0,098	0,291
CHR18	4199568	CHR18:4199568	SSF x LoA	-7,148	0,025	0,283
CHR18	4200189	CHR18:4200189	SSF x LoA	-8,945	0,077	0,290
CHR18	4200190	CHR18:4200190	SSF x LoA	-7,420	-0,013	0,293
CHR18	4200207	CHR18:4200207	SSF x LoA	-5,451	-0,049	0,288
CHR18	4200296	CHR18:4200296	SSF x LoA	-10,315	0,125	0,285
CHR18	4203336	CHR18:4203336	SSF x LoA	-8,367	-0,012	0,287
CHR18	4203438	CHR18:4203438	SSF x LoA	-5,731	-0,085	0,280
CHR18	4207998	CHR18:4207998	SSF x LoA	0,066	0,113	0,296
CHR18	4208278	CHR18:4208278	SSF x LoA	-9,333	0,011	0,302
CHR18	4224994	CHR18:4224994	SSF x LoA	-11,133	0,028	0,302
CHR18	4225054	CHR18:4225054	SSF x LoA	-9,190	0,002	0,287

CHR18	4228276	CHR18:4228276	SSF x LoA	-8,266	0,065	0,298
CHR18	4229437	CHR18:4229437	SSF x LoA	-4,786	0,163	0,291
CHR18	4229563	CHR18:4229563	SSF x LoA	-3,414	0,116	0,284
CHR18	4241231	CHR18:4241231	SSF x LoA	-10,749	0,052	0,290
CHR18	4241295	CHR18:4241295	SSF x LoA	-11,191	-0,036	0,302
CHR18	4241322	CHR18:4241322	SSF x LoA	-1,986	0,098	0,280
CHR18	4241367	CHR18:4241367	SSF x LoA	-10,117	-0,033	0,279
CHR18	4241404	CHR18:4241404	SSF x LoA	-8,799	0,094	0,296
CHR18	4266427	CHR18:4266427	SSF x LoA	-9,129	-0,043	0,284
CHR18	4266557	CHR18:4266557	SSF x LoA	-7,789	-0,036	0,296
CHR18	4268200	CHR18:4268200	SSF x LoA	-3,743	0,141	0,284
CHR18	4268317	CHR18:4268317	SSF x LoA	-9,198	-0,010	0,291
CHR18	4268344	CHR18:4268344	SSF x LoA	-7,821	0,013	0,293
CHR18	4305792	CHR18:4305792	SSF x LoA	-7,429	0,081	0,287
CHR18	4306000	CHR18:4306000	SSF x LoA	-10,827	0,038	0,287
CHR18	4319893	CHR18:4319893	SSF x LoA	-8,632	0,003	0,286
CHR18	4319899	CHR18:4319899	SSF x LoA	-7,547	0,008	0,303
CHR18	4319965	CHR18:4319965	SSF x LoA	-7,615	0,074	0,277
CHR18	4320056	CHR18:4320056	SSF x LoA	-7,024	0,092	0,290
CHR18	4335537	CHR18:4335537	SSF x LoA	-9,092	0,008	0,289
CHR18	4335723	CHR18:4335723	SSF x LoA	-8,058	0,113	0,296
CHR18	4335754	CHR18:4335754	SSF x LoA	-11,416	-0,001	0,290
CHR18	4348308	CHR18:4348308	SSF x LoA	-5,668	0,139	0,289
CHR18	4375254	CHR18:4375254	SSF x LoA	-9,509	0,084	0,283
CHR18	4375261	CHR18:4375261	SSF x LoA	-7,650	-0,088	0,284
CHR18	4375264	CHR18:4375264	SSF x LoA	-9,447	0,098	0,294
CHR18	4375271	CHR18:4375271	SSF x LoA	-9,007	0,103	0,290
CHR18	4375281	CHR18:4375281	SSF x LoA	-8,745	0,117	0,288
CHR18	4375322	CHR18:4375322	SSF x LoA	-7,034	0,151	0,290
CHR18	4375351	CHR18:4375351	SSF x LoA	-7,288	0,149	0,276
CHR18	4375409	CHR18:4375409	SSF x LoA	-8,627	0,055	0,292
CHR18	4375449	CHR18:4375449	SSF x LoA	-9,538	0,001	0,288
CHR18	4383152	CHR18:4383152	SSF x LoA	-8,885	0,034	0,291
CHR18	4383195	CHR18:4383195	SSF x LoA	-6,793	0,115	0,291
CHR18	4385040	CHR18:4385040	SSF x LoA	-8,151	0,128	0,282
CHR18	4421187	CHR18:4421187	SSF x LoA	-9,838	-0,100	0,284
CHR18	4428006	CHR18:4428006	SSF x LoA	-8,064	0,089	0,300
CHR18	4463266	CHR18:4463266	SSF x LoA	-5,510	-0,028	0,294
CHR18	4478588	CHR18:4478588	SSF x LoA	-7,926	-0,041	0,291
CHR18	4489768	CHR18:4489768	SSF x LoA	-8,959	0,059	0,294
CHR18	4489919	CHR18:4489919	SSF x LoA	-11,734	-0,011	0,287
CHR18	4499049	CHR18:4499049	SSF x LoA	-9,154	-0,011	0,285
CHR18	4501869	CHR18:4501869	SSF x LoA	-0,450	0,180	0,283
CHR18	4516588	CHR18:4516588	SSF x LoA	-9,845	0,040	0,287
CHR18	4539304	CHR18:4539304	SSF x LoA	-8,302	-0,032	0,296
CHR18	4539643	CHR18:4539643	SSF x LoA	-3,961	0,087	0,282
CHR18	4548118	CHR18:4548118	SSF x LoA	-8,526	0,045	0,306
CHR18	4548236	CHR18:4548236	SSF x LoA	-8,826	-0,067	0,285
CHR18	4548237	CHR18:4548237	SSF x LoA	-8,011	0,048	0,294
CHR18	4548273	CHR18:4548273	SSF x LoA	-8,959	-0,062	0,300
CHR18	4586374	CHR18:4586374	SSF x LoA	-6,763	-0,114	0,277
CHR18	4596084	CHR18:4596084	SSF x LoA	-9,279	-0,098	0,280
CHR18	4603297	CHR18:4603297	SSF x LoA	-10,423	-0,005	0,282

CHR18	4610538	CHR18:4610538	SSF x LoA	-6,515	-0,208	0,274
CHR18	4610648	CHR18:4610648	SSF x LoA	-10,998	-0,037	0,291
CHR18	4632187	CHR18:4632187	SSF x LoA	-8,156	0,092	0,289
CHR18	4632250	CHR18:4632250	SSF x LoA	-11,116	0,007	0,302
CHR18	4632339	CHR18:4632339	SSF x LoA	-9,389	-0,025	0,290
CHR18	4632355	CHR18:4632355	SSF x LoA	-6,696	-0,125	0,284
CHR18	4641189	CHR18:4641189	SSF x LoA	-8,397	0,017	0,287
CHR18	4645008	CHR18:4645008	SSF x LoA	-9,640	0,033	0,290
CHR18	4645009	CHR18:4645009	SSF x LoA	-9,877	0,093	0,295
CHR18	4647831	CHR18:4647831	SSF x LoA	-6,579	-0,178	0,269
CHR18	4647923	CHR18:4647923	SSF x LoA	-6,910	-0,177	0,269
CHR18	4650889	CHR18:4650889	SSF x LoA	-2,153	-0,242	0,287
CHR18	4651766	CHR18:4651766	SSF x LoA	-8,217	-0,024	0,299
CHR18	4660187	CHR18:4660187	SSF x LoA	-10,384	0,116	0,288
CHR18	4676898	CHR18:4676898	SSF x LoA	-9,127	-0,019	0,305
CHR18	4676956	CHR18:4676956	SSF x LoA	-7,985	0,140	0,299
CHR18	4706812	CHR18:4706812	SSF x LoA	-0,822	-0,033	0,292
CHR18	4706846	CHR18:4706846	SSF x LoA	-10,707	0,037	0,278
CHR18	4712956	CHR18:4712956	SSF x LoA	-8,124	-0,069	0,275
CHR18	4718647	CHR18:4718647	SSF x LoA	-6,371	-0,106	0,291
CHR18	4763452	CHR18:4763452	SSF x LoA	-10,284	0,000	0,289
CHR18	4763560	CHR18:4763560	SSF x LoA	-7,559	0,170	0,271
CHR18	4788504	CHR18:4788504	SSF x LoA	-4,227	-0,041	0,293
CHR18	4788508	CHR18:4788508	SSF x LoA	-3,072	0,237	0,266
CHR18	4788559	CHR18:4788559	SSF x LoA	-9,835	-0,048	0,274
CHR18	4788659	CHR18:4788659	SSF x LoA	-8,320	0,055	0,287
CHR18	4788703	CHR18:4788703	SSF x LoA	-7,948	0,070	0,285
CHR18	4806483	CHR18:4806483	SSF x LoA	-8,972	0,026	0,313
CHR18	4814400	CHR18:4814400	SSF x LoA	-4,818	0,176	0,282
CHR18	4816936	CHR18:4816936	SSF x LoA	-9,556	0,064	0,302
CHR18	4816953	CHR18:4816953	SSF x LoA	-10,069	-0,036	0,289
CHR18	4816998	CHR18:4816998	SSF x LoA	-9,467	-0,047	0,289
CHR18	4825270	CHR18:4825270	SSF x LoA	-8,491	0,041	0,289
CHR18	4830690	CHR18:4830690	SSF x LoA	-11,234	0,022	0,298
CHR18	4830702	CHR18:4830702	SSF x LoA	-11,381	0,056	0,292
CHR18	4830725	CHR18:4830725	SSF x LoA	-8,421	0,024	0,291
CHR18	4836573	CHR18:4836573	SSF x LoA	-8,109	-0,112	0,301
CHR18	4846918	CHR18:4846918	SSF x LoA	-8,257	0,161	0,292
CHR18	4847782	CHR18:4847782	SSF x LoA	-7,004	-0,032	0,284
CHR18	4847920	CHR18:4847920	SSF x LoA	-9,098	0,089	0,288
CHR18	4876869	CHR18:4876869	SSF x LoA	-7,524	-0,180	0,280
CHR18	4876958	CHR18:4876958	SSF x LoA	-8,213	0,017	0,292
CHR18	4876989	CHR18:4876989	SSF x LoA	-8,814	0,027	0,289
CHR18	4877019	CHR18:4877019	SSF x LoA	-6,477	0,022	0,298
CHR18	4877022	CHR18:4877022	SSF x LoA	-8,992	0,019	0,286
CHR18	4877036	CHR18:4877036	SSF x LoA	-8,724	0,010	0,285
CHR18	4892245	CHR18:4892245	SSF x LoA	-6,109	0,145	0,280
CHR18	4892380	CHR18:4892380	SSF x LoA	-2,282	-0,183	0,277
CHR18	4892384	CHR18:4892384	SSF x LoA	-6,718	-0,128	0,298
CHR18	4892425	CHR18:4892425	SSF x LoA	-9,514	-0,125	0,296
CHR18	4906272	CHR18:4906272	SSF x LoA	-10,013	-0,034	0,298
CHR18	4906355	CHR18:4906355	SSF x LoA	-9,005	0,069	0,280
CHR18	4906399	CHR18:4906399	SSF x LoA	-7,827	-0,011	0,274

CHR18	4906462	CHR18:4906462	SSF x LoA	-8,320	-0,116	0,280
CHR18	4926558	CHR18:4926558	SSF x LoA	-7,186	0,050	0,307
CHR18	4926596	CHR18:4926596	SSF x LoA	-9,310	0,054	0,295
CHR18	4931669	CHR18:4931669	SSF x LoA	-5,761	-0,141	0,294
CHR18	4931766	CHR18:4931766	SSF x LoA	-9,136	0,102	0,296
CHR18	4931915	CHR18:4931915	SSF x LoA	-9,096	-0,018	0,289
CHR18	4934195	CHR18:4934195	SSF x LoA	-7,436	-0,070	0,303
CHR18	4934198	CHR18:4934198	SSF x LoA	-8,396	0,045	0,291
CHR18	4934230	CHR18:4934230	SSF x LoA	-5,904	-0,175	0,281
CHR18	4934291	CHR18:4934291	SSF x LoA	-10,427	-0,011	0,301
CHR18	4934294	CHR18:4934294	SSF x LoA	-11,460	0,035	0,277
CHR18	4940818	CHR18:4940818	SSF x LoA	-8,687	0,051	0,287
CHR18	4940854	CHR18:4940854	SSF x LoA	-9,311	0,081	0,286
CHR18	4940860	CHR18:4940860	SSF x LoA	-8,155	0,072	0,293
CHR18	4940921	CHR18:4940921	SSF x LoA	-5,113	-0,058	0,298
CHR18	4942396	CHR18:4942396	SSF x LoA	-7,129	0,154	0,265
CHR18	4942432	CHR18:4942432	SSF x LoA	-3,979	0,162	0,275
CHR18	4942455	CHR18:4942455	SSF x LoA	-8,411	0,016	0,288
CHR18	4943794	CHR18:4943794	SSF x LoA	-11,267	-0,021	0,282
CHR18	4944403	CHR18:4944403	SSF x LoA	-10,169	0,029	0,287
CHR18	4944460	CHR18:4944460	SSF x LoA	-7,567	0,102	0,277
CHR18	4955122	CHR18:4955122	SSF x LoA	-5,611	0,165	0,293
CHR18	4955124	CHR18:4955124	SSF x LoA	-3,581	0,149	0,289
CHR18	4955131	CHR18:4955131	SSF x LoA	-7,839	-0,074	0,293
CHR18	4955153	CHR18:4955153	SSF x LoA	-7,915	0,148	0,290
CHR18	4955154	CHR18:4955154	SSF x LoA	-5,034	-0,147	0,278
CHR18	4955157	CHR18:4955157	SSF x LoA	-4,258	0,164	0,281
CHR18	4970353	CHR18:4970353	SSF x LoA	-9,103	-0,076	0,282
CHR18	4970414	CHR18:4970414	SSF x LoA	-8,745	-0,060	0,293
CHR18	4971389	CHR18:4971389	SSF x LoA	-6,739	0,065	0,290
CHR18	4971412	CHR18:4971412	SSF x LoA	-3,310	0,036	0,297
CHR18	4971433	CHR18:4971433	SSF x LoA	-9,843	0,080	0,291
CHR18	4971467	CHR18:4971467	SSF x LoA	-8,060	0,052	0,287
CHR18	4976559	CHR18:4976559	SSF x LoA	3,487	0,041	0,291
CHR18	4976583	CHR18:4976583	SSF x LoA	-6,971	0,046	0,293
CHR18	4976655	CHR18:4976655	SSF x LoA	-3,978	-0,036	0,283
CHR18	4976806	CHR18:4976806	SSF x LoA	-10,074	-0,004	0,297
CHR18	4976818	CHR18:4976818	SSF x LoA	-10,644	0,011	0,287
CHR18	4976822	CHR18:4976822	SSF x LoA	-6,980	-0,005	0,292
CHR18	4985151	CHR18:4985151	SSF x LoA	-8,554	-0,035	0,275
CHR18	4985233	CHR18:4985233	SSF x LoA	-8,966	-0,032	0,292
CHR18	4985236	CHR18:4985236	SSF x LoA	-7,178	0,070	0,283
CHR18	4985462	CHR18:4985462	SSF x LoA	-10,756	-0,042	0,275
CHR18	4987470	CHR18:4987470	SSF x LoA	-10,351	0,014	0,297
CHR18	4987496	CHR18:4987496	SSF x LoA	-10,491	-0,010	0,281
CHR18	4987584	CHR18:4987584	SSF x LoA	-8,487	0,200	0,286
CHR18	4987648	CHR18:4987648	SSF x LoA	-6,421	0,181	0,278
CHR18	4987660	CHR18:4987660	SSF x LoA	-4,999	0,122	0,274
CHR18	4987663	CHR18:4987663	SSF x LoA	-7,256	0,081	0,294
CHR18	5007657	CHR18:5007657	SSF x LoA	-9,690	-0,054	0,282
CHR18	5007765	CHR18:5007765	SSF x LoA	-4,104	0,107	0,293
CHR18	5007785	CHR18:5007785	SSF x LoA	-10,326	-0,003	0,285
CHR18	5007839	CHR18:5007839	SSF x LoA	-8,903	-0,058	0,278

CHR18	5007866	CHR18:5007866	SSF x LoA	-6,646	0,078	0,308
CHR18	5007896	CHR18:5007896	SSF x LoA	-9,143	0,083	0,307
CHR18	5007991	CHR18:5007991	SSF x LoA	-9,821	0,075	0,299
CHR18	5015406	CHR18:5015406	SSF x LoA	-6,504	0,072	0,299
CHR18	5015464	CHR18:5015464	SSF x LoA	-8,966	0,139	0,280
CHR18	5066495	CHR18:5066495	SSF x LoA	-8,977	0,110	0,293
CHR18	5083216	CHR18:5083216	SSF x LoA	-8,307	-0,064	0,287
CHR18	5090606	CHR18:5090606	SSF x LoA	-6,092	-0,139	0,283
CHR18	5090608	CHR18:5090608	SSF x LoA	-6,743	-0,145	0,286
CHR18	5090618	CHR18:5090618	SSF x LoA	-6,570	-0,156	0,276
CHR18	5091916	CHR18:5091916	SSF x LoA	-7,730	-0,091	0,280
CHR18	5204240	CHR18:5204240	SSF x LoA	-9,382	0,052	0,283
CHR18	5204454	CHR18:5204454	SSF x LoA	-7,518	-0,096	0,283
CHR18	5268954	CHR18:5268954	SSF x LoA	-6,682	0,040	0,314
CHR1	1000519	CHR1:1000519	SSF x Near_LoA	-4,369	0,125	0,272
CHR1	1E+07	CHR1:10037261	SSF x Near_LoA	-5,146	-0,169	0,285
CHR1	1E+07	CHR1:10037387	SSF x Near_LoA	-9,532	-0,094	0,288
CHR1	1E+07	CHR1:10037456	SSF x Near_LoA	-8,422	-0,011	0,280
CHR1	1E+07	CHR1:10053338	SSF x Near_LoA	-5,853	0,101	0,291
CHR1	1E+07	CHR1:10053439	SSF x Near_LoA	-9,105	-0,051	0,282
CHR1	1E+07	CHR1:10059095	SSF x Near_LoA	-7,631	-0,016	0,286
CHR1	1E+07	CHR1:10059096	SSF x Near_LoA	3,691	-0,044	0,274
CHR1	1E+07	CHR1:10059243	SSF x Near_LoA	-8,266	0,102	0,280
CHR1	1E+07	CHR1:10059283	SSF x Near_LoA	-9,433	0,048	0,289
CHR1	1E+07	CHR1:10059284	SSF x Near_LoA	-7,309	0,089	0,295
CHR1	1E+07	CHR1:10059309	SSF x Near_LoA	-7,306	0,063	0,297
CHR1	1E+07	CHR1:10072000	SSF x Near_LoA	-6,037	0,002	0,292
CHR1	1E+07	CHR1:10072018	SSF x Near_LoA	-7,273	-0,124	0,289
CHR1	1E+07	CHR1:10072160	SSF x Near_LoA	-5,232	0,169	0,297
CHR1	1E+07	CHR1:10084964	SSF x Near_LoA	-7,080	0,178	0,266
CHR1	1E+07	CHR1:10084994	SSF x Near_LoA	3,193	-0,230	0,264
CHR1	1E+07	CHR1:10091083	SSF x Near_LoA	-9,105	0,002	0,283
CHR1	1E+07	CHR1:10091162	SSF x Near_LoA	-9,055	0,031	0,280
CHR1	1E+07	CHR1:10091173	SSF x Near_LoA	-8,338	-0,058	0,281
CHR1	1E+07	CHR1:10091216	SSF x Near_LoA	-6,237	-0,073	0,284
CHR1	1E+07	CHR1:10113535	SSF x Near_LoA	-0,254	-0,249	0,255
CHR1	1E+07	CHR1:10119068	SSF x Near_LoA	-6,731	0,127	0,285
CHR1	1E+07	CHR1:10119104	SSF x Near_LoA	-7,346	0,009	0,286
CHR1	1E+07	CHR1:10119109	SSF x Near_LoA	-8,199	0,129	0,284
CHR1	1E+07	CHR1:10143002	SSF x Near_LoA	-6,805	-0,092	0,279
CHR1	1E+07	CHR1:10144058	SSF x Near_LoA	-6,167	-0,097	0,293
CHR1	1E+07	CHR1:10144114	SSF x Near_LoA	-9,121	0,026	0,278
CHR1	1E+07	CHR1:10144143	SSF x Near_LoA	-5,148	0,052	0,281
CHR1	1E+07	CHR1:10155681	SSF x Near_LoA	-5,560	0,021	0,279
CHR1	1E+07	CHR1:10155733	SSF x Near_LoA	-8,059	-0,012	0,293
CHR1	1E+07	CHR1:10177688	SSF x Near_LoA	-8,897	0,055	0,307
CHR1	1E+07	CHR1:10177689	SSF x Near_LoA	-10,234	0,078	0,292
CHR1	1E+07	CHR1:10229739	SSF x Near_LoA	-8,119	0,081	0,281
CHR1	1E+07	CHR1:10229896	SSF x Near_LoA	-7,510	0,103	0,291
CHR1	1E+07	CHR1:10229923	SSF x Near_LoA	-7,659	-0,036	0,293
CHR1	1E+07	CHR1:10232364	SSF x Near_LoA	-10,062	-0,080	0,271
CHR1	1E+07	CHR1:10239819	SSF x Near_LoA	-7,715	-0,119	0,276
CHR1	1E+07	CHR1:10247656	SSF x Near_LoA	-4,530	0,190	0,288

CHR1	1E+07	CHR1:10253500	SSF x Near_LoA	1,269	0,124	0,283
CHR1	1E+07	CHR1:10254348	SSF x Near_LoA	-10,530	0,117	0,281
CHR1	1E+07	CHR1:10254371	SSF x Near_LoA	-5,759	-0,096	0,295
CHR1	1E+07	CHR1:10254372	SSF x Near_LoA	-6,060	-0,156	0,271
CHR1	1E+07	CHR1:10298065	SSF x Near_LoA	-9,514	-0,032	0,282
CHR1	1E+07	CHR1:10298201	SSF x Near_LoA	-9,970	0,040	0,289
CHR1	1E+07	CHR1:10349737	SSF x Near_LoA	-8,396	0,104	0,284
CHR1	1E+07	CHR1:10349928	SSF x Near_LoA	-10,021	0,030	0,294
CHR1	1E+07	CHR1:10353561	SSF x Near_LoA	-5,968	-0,147	0,275
CHR1	1E+07	CHR1:10354311	SSF x Near_LoA	-9,842	0,055	0,292
CHR1	1E+07	CHR1:10354362	SSF x Near_LoA	-7,658	-0,132	0,281
CHR1	1E+07	CHR1:10354366	SSF x Near_LoA	-8,069	0,062	0,300
CHR1	1036489	CHR1:1036489	SSF x Near_LoA	-6,299	0,168	0,270
CHR1	1036513	CHR1:1036513	SSF x Near_LoA	-8,226	-0,140	0,267
CHR1	1036519	CHR1:1036519	SSF x Near_LoA	-3,929	-0,184	0,257
CHR1	1036562	CHR1:1036562	SSF x Near_LoA	-7,999	0,058	0,294
CHR1	1036573	CHR1:1036573	SSF x Near_LoA	1,648	-0,241	0,260
CHR1	1037838	CHR1:1037838	SSF x Near_LoA	-8,817	-0,072	0,291
CHR1	1038023	CHR1:1038023	SSF x Near_LoA	-8,463	0,040	0,306
CHR1	1038584	CHR1:1038584	SSF x Near_LoA	-6,139	0,024	0,297
CHR1	1038586	CHR1:1038586	SSF x Near_LoA	-8,796	0,035	0,297
CHR1	1040797	CHR1:1040797	SSF x Near_LoA	-6,358	-0,006	0,275
CHR1	1041036	CHR1:1041036	SSF x Near_LoA	-10,689	0,042	0,277
CHR1	1041110	CHR1:1041110	SSF x Near_LoA	-7,335	-0,128	0,281
CHR1	1E+07	CHR1:10415386	SSF x Near_LoA	-9,146	-0,006	0,274
CHR1	1E+07	CHR1:10441031	SSF x Near_LoA	-9,360	-0,128	0,292
CHR1	1E+07	CHR1:10453060	SSF x Near_LoA	-10,197	-0,007	0,279
CHR1	1E+07	CHR1:10462509	SSF x Near_LoA	-8,304	-0,017	0,299
CHR1	1E+07	CHR1:10472765	SSF x Near_LoA	-9,068	0,128	0,275
CHR1	10503142	CHR1:10503142	SSF x Near_LoA	-8,030	0,003	0,290
CHR1	10503144	CHR1:10503144	SSF x Near_LoA	-10,094	-0,032	0,274
CHR1	10503201	CHR1:10503201	SSF x Near_LoA	-10,023	0,022	0,273
CHR1	10503270	CHR1:10503270	SSF x Near_LoA	-3,397	-0,184	0,273
CHR1	10503334	CHR1:10503334	SSF x Near_LoA	-7,668	-0,147	0,287
CHR1	10503410	CHR1:10503410	SSF x Near_LoA	-2,680	-0,230	0,279
CHR1	10503444	CHR1:10503444	SSF x Near_LoA	-8,004	0,109	0,275
CHR1	10508911	CHR1:10508911	SSF x Near_LoA	-8,773	0,015	0,281
CHR1	1051624	CHR1:1051624	SSF x Near_LoA	-9,378	-0,027	0,286
CHR1	1051814	CHR1:1051814	SSF x Near_LoA	-8,152	0,081	0,288
CHR1	1051832	CHR1:1051832	SSF x Near_LoA	-9,662	0,071	0,288
CHR1	1051885	CHR1:1051885	SSF x Near_LoA	-8,345	-0,049	0,300
CHR1	10533247	CHR1:10533247	SSF x Near_LoA	-7,428	0,011	0,291
CHR1	10544746	CHR1:10544746	SSF x Near_LoA	-8,560	0,028	0,299
CHR1	10544767	CHR1:10544767	SSF x Near_LoA	-8,249	0,106	0,284
CHR1	10544973	CHR1:10544973	SSF x Near_LoA	-7,436	0,183	0,271
CHR1	10562426	CHR1:10562426	SSF x Near_LoA	-8,635	-0,099	0,281
CHR1	10562433	CHR1:10562433	SSF x Near_LoA	-2,568	0,259	0,264
CHR1	10562538	CHR1:10562538	SSF x Near_LoA	-9,391	-0,019	0,279
CHR1	10562569	CHR1:10562569	SSF x Near_LoA	-9,842	-0,046	0,293
CHR1	10562688	CHR1:10562688	SSF x Near_LoA	-9,549	0,057	0,285
CHR1	10562690	CHR1:10562690	SSF x Near_LoA	-9,895	-0,038	0,295
CHR1	10567687	CHR1:10567687	SSF x Near_LoA	-7,081	0,065	0,282
CHR1	10572838	CHR1:10572838	SSF x Near_LoA	-8,799	0,078	0,276

CHR1	10578084	CHR1:10578084	SSF x Near_LoA	-4,268	-0,140	0,278
CHR1	10578090	CHR1:10578090	SSF x Near_LoA	-6,305	-0,142	0,276
CHR1	10578102	CHR1:10578102	SSF x Near_LoA	-4,892	0,190	0,268
CHR1	10578121	CHR1:10578121	SSF x Near_LoA	-9,018	-0,069	0,278
CHR1	10578127	CHR1:10578127	SSF x Near_LoA	-8,838	-0,136	0,288
CHR1	10578139	CHR1:10578139	SSF x Near_LoA	-7,931	-0,057	0,293
CHR1	10585321	CHR1:10585321	SSF x Near_LoA	-9,304	-0,062	0,274
CHR1	10600984	CHR1:10600984	SSF x Near_LoA	-8,625	-0,037	0,293
CHR1	10600987	CHR1:10600987	SSF x Near_LoA	-9,545	0,028	0,277
CHR1	10600988	CHR1:10600988	SSF x Near_LoA	-5,929	-0,107	0,294
CHR1	10602036	CHR1:10602036	SSF x Near_LoA	-6,734	-0,067	0,287
CHR1	1060474	CHR1:1060474	SSF x Near_LoA	-8,767	0,001	0,272
CHR1	1060612	CHR1:1060612	SSF x Near_LoA	-4,972	-0,190	0,277
CHR1	10606253	CHR1:10606253	SSF x Near_LoA	-6,225	0,126	0,276
CHR1	10606324	CHR1:10606324	SSF x Near_LoA	-7,974	-0,003	0,294
CHR1	10606378	CHR1:10606378	SSF x Near_LoA	-7,881	0,080	0,295
CHR1	10606448	CHR1:10606448	SSF x Near_LoA	-8,304	-0,028	0,282
CHR1	10606490	CHR1:10606490	SSF x Near_LoA	-7,699	-0,068	0,298
CHR1	10617299	CHR1:10617299	SSF x Near_LoA	-4,989	-0,077	0,279
CHR1	10626283	CHR1:10626283	SSF x Near_LoA	-9,778	0,001	0,301
CHR1	10626528	CHR1:10626528	SSF x Near_LoA	-7,831	-0,138	0,286
CHR1	10626636	CHR1:10626636	SSF x Near_LoA	-8,960	0,055	0,273
CHR1	10626646	CHR1:10626646	SSF x Near_LoA	-7,308	0,013	0,280
CHR1	10631622	CHR1:10631622	SSF x Near_LoA	0,354	-0,174	0,277
CHR1	10631708	CHR1:10631708	SSF x Near_LoA	-9,007	-0,097	0,276
CHR1	10647919	CHR1:10647919	SSF x Near_LoA	-5,435	-0,233	0,271
CHR1	10647940	CHR1:10647940	SSF x Near_LoA	-9,510	0,011	0,280
CHR1	10647959	CHR1:10647959	SSF x Near_LoA	-8,955	-0,051	0,297
CHR1	10648025	CHR1:10648025	SSF x Near_LoA	-6,755	0,156	0,267
CHR1	10660085	CHR1:10660085	SSF x Near_LoA	-9,454	-0,002	0,297
CHR1	10660123	CHR1:10660123	SSF x Near_LoA	-9,643	-0,104	0,295
CHR1	10660174	CHR1:10660174	SSF x Near_LoA	-2,966	-0,213	0,269
CHR1	10660177	CHR1:10660177	SSF x Near_LoA	-6,484	0,197	0,277
CHR1	10698309	CHR1:10698309	SSF x Near_LoA	-10,748	-0,053	0,269
CHR1	10698357	CHR1:10698357	SSF x Near_LoA	-7,787	0,007	0,279
CHR1	10705500	CHR1:10705500	SSF x Near_LoA	-3,027	-0,128	0,275
CHR1	10705583	CHR1:10705583	SSF x Near_LoA	-6,229	-0,144	0,293
CHR1	10709904	CHR1:10709904	SSF x Near_LoA	-6,587	-0,148	0,286
CHR1	10709909	CHR1:10709909	SSF x Near_LoA	-7,193	-0,168	0,279
CHR1	10709979	CHR1:10709979	SSF x Near_LoA	-6,455	0,021	0,288
CHR1	10710064	CHR1:10710064	SSF x Near_LoA	-7,234	0,013	0,280
CHR1	10735047	CHR1:10735047	SSF x Near_LoA	-10,012	-0,056	0,269
CHR1	10735062	CHR1:10735062	SSF x Near_LoA	-7,665	0,022	0,277
CHR1	10735124	CHR1:10735124	SSF x Near_LoA	-7,873	0,053	0,293
CHR1	10744740	CHR1:10744740	SSF x Near_LoA	-4,421	0,105	0,299
CHR1	10744990	CHR1:10744990	SSF x Near_LoA	-8,911	-0,054	0,269
CHR1	10758323	CHR1:10758323	SSF x Near_LoA	-9,650	-0,061	0,291
CHR1	10760380	CHR1:10760380	SSF x Near_LoA	-5,289	-0,086	0,289
CHR1	10760460	CHR1:10760460	SSF x Near_LoA	-7,064	-0,044	0,291
CHR1	10760623	CHR1:10760623	SSF x Near_LoA	-5,497	-0,148	0,282
CHR1	10774712	CHR1:10774712	SSF x Near_LoA	-7,193	0,031	0,275
CHR1	10774797	CHR1:10774797	SSF x Near_LoA	-10,316	-0,024	0,277
CHR1	10786051	CHR1:10786051	SSF x Near_LoA	-7,282	0,058	0,295

CHR1	10786542	CHR1:10786542	SSF x Near_LoA	-9,558	0,088	0,304
CHR1	10787337	CHR1:10787337	SSF x Near_LoA	-10,013	-0,078	0,295
CHR1	10787430	CHR1:10787430	SSF x Near_LoA	-6,934	0,121	0,281
CHR1	10804858	CHR1:10804858	SSF x Near_LoA	-6,503	0,161	0,280
CHR1	10804859	CHR1:10804859	SSF x Near_LoA	-7,129	0,085	0,288
CHR1	10804947	CHR1:10804947	SSF x Near_LoA	-9,600	0,004	0,293
CHR1	10804952	CHR1:10804952	SSF x Near_LoA	-7,787	-0,046	0,278
CHR1	10804974	CHR1:10804974	SSF x Near_LoA	-6,709	-0,113	0,282
CHR1	10804978	CHR1:10804978	SSF x Near_LoA	-7,152	-0,124	0,288
CHR1	10805021	CHR1:10805021	SSF x Near_LoA	-10,393	0,001	0,288
CHR1	10809487	CHR1:10809487	SSF x Near_LoA	-6,886	0,105	0,285
CHR1	10813309	CHR1:10813309	SSF x Near_LoA	-7,178	-0,006	0,291
CHR1	10813313	CHR1:10813313	SSF x Near_LoA	-5,051	-0,166	0,285
CHR1	10813394	CHR1:10813394	SSF x Near_LoA	-8,938	0,023	0,279
CHR1	10816299	CHR1:10816299	SSF x Near_LoA	-7,155	-0,027	0,292
CHR1	10816305	CHR1:10816305	SSF x Near_LoA	-8,619	0,092	0,291
CHR1	10816345	CHR1:10816345	SSF x Near_LoA	-6,095	-0,173	0,275
CHR1	10816422	CHR1:10816422	SSF x Near_LoA	-6,776	-0,036	0,287
CHR1	10816493	CHR1:10816493	SSF x Near_LoA	-8,352	-0,015	0,266
CHR1	10819338	CHR1:10819338	SSF x Near_LoA	-9,244	-0,094	0,290
CHR1	10831127	CHR1:10831127	SSF x Near_LoA	-9,478	0,000	0,300
CHR1	10831129	CHR1:10831129	SSF x Near_LoA	-7,837	0,062	0,279
CHR1	10831166	CHR1:10831166	SSF x Near_LoA	-10,218	-0,019	0,259
CHR1	10831292	CHR1:10831292	SSF x Near_LoA	-7,041	-0,084	0,284
CHR1	10831302	CHR1:10831302	SSF x Near_LoA	-10,326	-0,012	0,288
CHR1	10831394	CHR1:10831394	SSF x Near_LoA	-8,925	-0,122	0,288
CHR1	10884070	CHR1:10884070	SSF x Near_LoA	-6,273	0,085	0,282
CHR1	10884130	CHR1:10884130	SSF x Near_LoA	-9,157	0,018	0,282
CHR1	10884193	CHR1:10884193	SSF x Near_LoA	-7,758	0,029	0,296
CHR1	10885725	CHR1:10885725	SSF x Near_LoA	-9,433	0,056	0,285
CHR1	10885904	CHR1:10885904	SSF x Near_LoA	-9,600	0,007	0,279
CHR1	10885912	CHR1:10885912	SSF x Near_LoA	-9,175	-0,033	0,279
CHR1	10886053	CHR1:10886053	SSF x Near_LoA	-8,255	-0,078	0,274
CHR1	10888962	CHR1:10888962	SSF x Near_LoA	-7,112	0,001	0,281
CHR1	10888964	CHR1:10888964	SSF x Near_LoA	-8,521	-0,082	0,289
CHR1	10888975	CHR1:10888975	SSF x Near_LoA	-8,553	0,017	0,281
CHR1	10888994	CHR1:10888994	SSF x Near_LoA	-7,101	0,041	0,282
CHR1	10889154	CHR1:10889154	SSF x Near_LoA	-3,195	0,200	0,271
CHR1	10889161	CHR1:10889161	SSF x Near_LoA	-7,644	-0,059	0,280
CHR1	10893044	CHR1:10893044	SSF x Near_LoA	-6,555	0,174	0,275
CHR1	10906761	CHR1:10906761	SSF x Near_LoA	-9,140	-0,039	0,292
CHR1	10912269	CHR1:10912269	SSF x Near_LoA	-9,610	0,001	0,282
CHR1	10924355	CHR1:10924355	SSF x Near_LoA	-5,639	0,177	0,280
CHR1	10924414	CHR1:10924414	SSF x Near_LoA	-6,892	0,046	0,292
CHR1	10924503	CHR1:10924503	SSF x Near_LoA	-3,817	0,076	0,279
CHR1	10924514	CHR1:10924514	SSF x Near_LoA	-10,338	0,029	0,294
CHR1	10924666	CHR1:10924666	SSF x Near_LoA	-6,802	-0,174	0,294
CHR1	10932089	CHR1:10932089	SSF x Near_LoA	-8,843	0,008	0,266
CHR1	1093210	CHR1:1093210	SSF x Near_LoA	-6,013	-0,159	0,270
CHR1	10932117	CHR1:10932117	SSF x Near_LoA	-8,550	0,068	0,268
CHR1	1093229	CHR1:1093229	SSF x Near_LoA	-6,941	-0,148	0,277
CHR1	1093239	CHR1:1093239	SSF x Near_LoA	-5,744	-0,127	0,281
CHR1	10936469	CHR1:10936469	SSF x Near_LoA	-8,252	-0,075	0,294

CHR1	10938554	CHR1:10938554	SSF x Near_LoA	-6,899	0,051	0,299
CHR1	10957455	CHR1:10957455	SSF x Near_LoA	-8,155	0,049	0,292
CHR1	10957489	CHR1:10957489	SSF x Near_LoA	-7,819	0,092	0,278
CHR1	10957496	CHR1:10957496	SSF x Near_LoA	-8,001	0,090	0,278
CHR1	10957770	CHR1:10957770	SSF x Near_LoA	-8,779	-0,056	0,290
CHR1	1096486	CHR1:1096486	SSF x Near_LoA	-9,852	-0,032	0,298
CHR1	10983958	CHR1:10983958	SSF x Near_LoA	-6,769	0,119	0,274
CHR1	10991234	CHR1:10991234	SSF x Near_LoA	-10,703	0,045	0,276
CHR1	10996976	CHR1:10996976	SSF x Near_LoA	-3,810	-0,122	0,287
CHR1	11009300	CHR1:11009300	SSF x Near_LoA	-7,581	-0,048	0,280
CHR1	11009306	CHR1:11009306	SSF x Near_LoA	-10,426	0,021	0,277
CHR1	11009337	CHR1:11009337	SSF x Near_LoA	-9,275	0,028	0,284
CHR1	11013221	CHR1:11013221	SSF x Near_LoA	-9,158	-0,140	0,290
CHR1	11048567	CHR1:11048567	SSF x Near_LoA	-5,474	0,046	0,286
CHR1	11048574	CHR1:11048574	SSF x Near_LoA	-9,357	0,011	0,286
CHR1	11048598	CHR1:11048598	SSF x Near_LoA	-9,447	0,035	0,287
CHR1	11048599	CHR1:11048599	SSF x Near_LoA	-2,004	0,182	0,268
CHR1	11048616	CHR1:11048616	SSF x Near_LoA	-8,453	0,093	0,283
CHR1	11048617	CHR1:11048617	SSF x Near_LoA	-9,417	0,080	0,294
CHR1	11048626	CHR1:11048626	SSF x Near_LoA	-9,897	0,089	0,274
CHR1	11048633	CHR1:11048633	SSF x Near_LoA	-9,644	0,093	0,276
CHR1	11048634	CHR1:11048634	SSF x Near_LoA	-9,251	0,111	0,275
CHR1	11048635	CHR1:11048635	SSF x Near_LoA	-8,704	0,127	0,279
CHR1	11048669	CHR1:11048669	SSF x Near_LoA	-9,648	0,064	0,286
CHR1	11048745	CHR1:11048745	SSF x Near_LoA	-9,029	0,054	0,275
CHR1	11048793	CHR1:11048793	SSF x Near_LoA	-10,782	0,030	0,285
CHR1	11048802	CHR1:11048802	SSF x Near_LoA	-8,858	0,041	0,288
CHR1	11048816	CHR1:11048816	SSF x Near_LoA	-10,490	-0,036	0,280
CHR1	11048819	CHR1:11048819	SSF x Near_LoA	-8,217	0,093	0,276
CHR1	11048822	CHR1:11048822	SSF x Near_LoA	-10,502	-0,031	0,294
CHR1	11048824	CHR1:11048824	SSF x Near_LoA	-11,134	-0,012	0,275
CHR1	11048828	CHR1:11048828	SSF x Near_LoA	-9,843	-0,022	0,292
CHR1	11048832	CHR1:11048832	SSF x Near_LoA	-9,712	0,035	0,273
CHR1	11048836	CHR1:11048836	SSF x Near_LoA	-9,911	-0,004	0,294
CHR1	11048852	CHR1:11048852	SSF x Near_LoA	-9,717	-0,022	0,292
CHR1	11048855	CHR1:11048855	SSF x Near_LoA	-9,398	-0,015	0,290
CHR1	11048856	CHR1:11048856	SSF x Near_LoA	-7,873	0,102	0,279
CHR1	11048862	CHR1:11048862	SSF x Near_LoA	-8,940	0,076	0,282
CHR1	11048865	CHR1:11048865	SSF x Near_LoA	-10,931	0,018	0,274
CHR1	11073556	CHR1:11073556	SSF x Near_LoA	-5,614	-0,136	0,283
CHR1	11073576	CHR1:11073576	SSF x Near_LoA	-8,231	0,008	0,292
CHR1	11073598	CHR1:11073598	SSF x Near_LoA	-6,439	0,045	0,291
CHR1	11073797	CHR1:11073797	SSF x Near_LoA	-10,161	0,041	0,279
CHR1	11074748	CHR1:11074748	SSF x Near_LoA	-8,021	0,098	0,276
CHR1	11074756	CHR1:11074756	SSF x Near_LoA	-7,920	-0,041	0,288
CHR1	11074788	CHR1:11074788	SSF x Near_LoA	-8,012	-0,044	0,296
CHR1	11082369	CHR1:11082369	SSF x Near_LoA	-10,690	0,024	0,298
CHR1	11091166	CHR1:11091166	SSF x Near_LoA	-3,721	-0,016	0,312
CHR1	11100337	CHR1:11100337	SSF x Near_LoA	-7,615	-0,012	0,297
CHR1	11100350	CHR1:11100350	SSF x Near_LoA	-6,744	-0,009	0,286
CHR1	1112630	CHR1:1112630	SSF x Near_LoA	-7,365	-0,072	0,292
CHR1	11127195	CHR1:11127195	SSF x Near_LoA	-9,893	0,004	0,300
CHR1	1112763	CHR1:1112763	SSF x Near_LoA	-7,045	-0,046	0,278

CHR1	1113008	CHR1:1113008	SSF x Near_LoA	-6,216	-0,099	0,293
CHR1	11155916	CHR1:11155916	SSF x Near_LoA	-7,601	-0,012	0,293
CHR1	11171417	CHR1:11171417	SSF x Near_LoA	-7,380	-0,084	0,288
CHR1	11171435	CHR1:11171435	SSF x Near_LoA	-5,237	-0,197	0,269
CHR1	11201692	CHR1:11201692	SSF x Near_LoA	-5,717	0,177	0,285
CHR1	11201714	CHR1:11201714	SSF x Near_LoA	-8,886	-0,153	0,278
CHR1	11201867	CHR1:11201867	SSF x Near_LoA	-9,387	-0,094	0,276
CHR1	11202041	CHR1:11202041	SSF x Near_LoA	-7,722	0,005	0,285
CHR1	11202043	CHR1:11202043	SSF x Near_LoA	-8,461	-0,092	0,308
CHR1	11209004	CHR1:11209004	SSF x Near_LoA	-9,170	-0,051	0,302
CHR1	1122354	CHR1:1122354	SSF x Near_LoA	-9,926	0,062	0,302
CHR1	1122360	CHR1:1122360	SSF x Near_LoA	-1,465	0,196	0,285
CHR1	11223685	CHR1:11223685	SSF x Near_LoA	-6,530	-0,092	0,286
CHR1	11224312	CHR1:11224312	SSF x Near_LoA	-6,527	-0,016	0,303
CHR1	11228654	CHR1:11228654	SSF x Near_LoA	-8,570	0,078	0,287
CHR1	11228702	CHR1:11228702	SSF x Near_LoA	-7,408	0,071	0,300
CHR1	11228855	CHR1:11228855	SSF x Near_LoA	-3,850	0,115	0,277
CHR1	11228860	CHR1:11228860	SSF x Near_LoA	-9,704	0,072	0,284
CHR1	11243213	CHR1:11243213	SSF x Near_LoA	-9,423	0,034	0,278
CHR1	11243318	CHR1:11243318	SSF x Near_LoA	7,804	-0,105	0,285
CHR1	11249708	CHR1:11249708	SSF x Near_LoA	-10,073	0,052	0,286
CHR1	11249865	CHR1:11249865	SSF x Near_LoA	-7,438	-0,007	0,292
CHR1	11249870	CHR1:11249870	SSF x Near_LoA	-8,410	-0,024	0,288
CHR1	11256575	CHR1:11256575	SSF x Near_LoA	-3,276	0,038	0,299
CHR1	11265177	CHR1:11265177	SSF x Near_LoA	-7,556	-0,040	0,280
CHR1	11266728	CHR1:11266728	SSF x Near_LoA	-7,438	-0,036	0,265
CHR1	11266953	CHR1:11266953	SSF x Near_LoA	-7,848	-0,076	0,268
CHR1	11271653	CHR1:11271653	SSF x Near_LoA	-7,214	0,080	0,283
CHR1	11280493	CHR1:11280493	SSF x Near_LoA	-8,404	-0,100	0,289
CHR1	11280519	CHR1:11280519	SSF x Near_LoA	-8,347	-0,133	0,293
CHR1	11280555	CHR1:11280555	SSF x Near_LoA	-7,751	-0,105	0,296
CHR1	11283354	CHR1:11283354	SSF x Near_LoA	-7,781	-0,158	0,289
CHR1	11300969	CHR1:11300969	SSF x Near_LoA	-6,600	-0,156	0,280
CHR1	11301061	CHR1:11301061	SSF x Near_LoA	-6,030	-0,121	0,288
CHR1	11301255	CHR1:11301255	SSF x Near_LoA	-8,659	0,139	0,283
CHR1	11301301	CHR1:11301301	SSF x Near_LoA	-5,009	0,222	0,282
CHR1	11301304	CHR1:11301304	SSF x Near_LoA	-9,017	0,068	0,282
CHR1	11301374	CHR1:11301374	SSF x Near_LoA	-9,848	-0,031	0,284
CHR1	11304001	CHR1:11304001	SSF x Near_LoA	-9,269	-0,083	0,283
CHR1	11304084	CHR1:11304084	SSF x Near_LoA	-8,136	0,114	0,288
CHR1	11314719	CHR1:11314719	SSF x Near_LoA	-3,623	-0,197	0,278
CHR1	11314839	CHR1:11314839	SSF x Near_LoA	-8,840	0,072	0,284
CHR1	11323757	CHR1:11323757	SSF x Near_LoA	-8,180	-0,004	0,283
CHR1	11325037	CHR1:11325037	SSF x Near_LoA	-6,747	-0,026	0,285
CHR1	11325039	CHR1:11325039	SSF x Near_LoA	-6,965	-0,107	0,287
CHR1	11339649	CHR1:11339649	SSF x Near_LoA	-10,511	0,026	0,295
CHR1	11347239	CHR1:11347239	SSF x Near_LoA	-6,269	-0,065	0,283
CHR1	11347284	CHR1:11347284	SSF x Near_LoA	-7,074	-0,122	0,292
CHR1	11355439	CHR1:11355439	SSF x Near_LoA	-2,484	0,175	0,296
CHR1	11355493	CHR1:11355493	SSF x Near_LoA	-6,289	0,085	0,288
CHR1	11355532	CHR1:11355532	SSF x Near_LoA	-8,674	-0,061	0,294
CHR1	11367601	CHR1:11367601	SSF x Near_LoA	-4,536	-0,053	0,284
CHR1	11367741	CHR1:11367741	SSF x Near_LoA	-6,468	0,137	0,289

CHR1	1136941	CHR1:1136941	SSF x Near_LoA	-7,739	-0,142	0,280
CHR1	1137058	CHR1:1137058	SSF x Near_LoA	-9,076	-0,043	0,305
CHR1	1137198	CHR1:1137198	SSF x Near_LoA	-3,474	-0,126	0,282
CHR1	11379164	CHR1:11379164	SSF x Near_LoA	-7,595	0,142	0,283
CHR1	11390736	CHR1:11390736	SSF x Near_LoA	-6,649	-0,089	0,298
CHR1	11399106	CHR1:11399106	SSF x Near_LoA	-7,990	-0,028	0,302
CHR1	11399125	CHR1:11399125	SSF x Near_LoA	-8,010	-0,065	0,291
CHR1	11404516	CHR1:11404516	SSF x Near_LoA	-8,652	0,094	0,280
CHR1	11407568	CHR1:11407568	SSF x Near_LoA	-8,131	-0,015	0,277
CHR1	11407664	CHR1:11407664	SSF x Near_LoA	-10,049	0,002	0,282
CHR1	11411880	CHR1:11411880	SSF x Near_LoA	-9,397	0,099	0,275
CHR1	11411915	CHR1:11411915	SSF x Near_LoA	-3,304	0,127	0,297
CHR1	11411938	CHR1:11411938	SSF x Near_LoA	-7,820	0,115	0,279
CHR1	11412021	CHR1:11412021	SSF x Near_LoA	-8,939	-0,046	0,283
CHR1	11429307	CHR1:11429307	SSF x Near_LoA	-9,708	0,031	0,297
CHR1	11429471	CHR1:11429471	SSF x Near_LoA	-6,745	-0,088	0,295
CHR1	11456106	CHR1:11456106	SSF x Near_LoA	-7,226	0,092	0,285
CHR1	11456125	CHR1:11456125	SSF x Near_LoA	-7,787	0,067	0,280
CHR1	1145960	CHR1:1145960	SSF x Near_LoA	-5,963	0,169	0,280
CHR1	11461020	CHR1:11461020	SSF x Near_LoA	-8,765	0,070	0,269
CHR1	11480344	CHR1:11480344	SSF x Near_LoA	-8,824	-0,083	0,276
CHR1	11480456	CHR1:11480456	SSF x Near_LoA	-9,446	0,049	0,287
CHR1	11493516	CHR1:11493516	SSF x Near_LoA	-8,831	-0,113	0,282
CHR1	11493723	CHR1:11493723	SSF x Near_LoA	-7,934	0,064	0,275
CHR1	1149662	CHR1:1149662	SSF x Near_LoA	-8,813	0,101	0,290
CHR1	1149791	CHR1:1149791	SSF x Near_LoA	-7,467	0,007	0,279
CHR1	11503047	CHR1:11503047	SSF x Near_LoA	-8,609	0,030	0,289
CHR1	11506505	CHR1:11506505	SSF x Near_LoA	-11,436	0,016	0,281
CHR1	11513930	CHR1:11513930	SSF x Near_LoA	-10,316	-0,115	0,289
CHR1	11514111	CHR1:11514111	SSF x Near_LoA	-7,729	0,030	0,286
CHR1	1170977	CHR1:1170977	SSF x Near_LoA	-10,196	0,044	0,285
CHR1	1222967	CHR1:1222967	SSF x Near_LoA	-9,110	0,036	0,280
CHR1	1223147	CHR1:1223147	SSF x Near_LoA	-7,816	-0,037	0,298
CHR1	1230945	CHR1:1230945	SSF x Near_LoA	-7,579	-0,086	0,286
CHR1	1230967	CHR1:1230967	SSF x Near_LoA	-7,482	-0,055	0,295
CHR1	1235948	CHR1:1235948	SSF x Near_LoA	-8,802	0,103	0,280
CHR1	1236225	CHR1:1236225	SSF x Near_LoA	-9,797	0,061	0,282
CHR1	12451878	CHR1:12451878	SSF x Near_LoA	-4,597	-0,088	0,282
CHR1	12451978	CHR1:12451978	SSF x Near_LoA	-7,901	0,052	0,293
CHR1	12465155	CHR1:12465155	SSF x Near_LoA	-6,751	0,162	0,280
CHR1	12465409	CHR1:12465409	SSF x Near_LoA	-10,139	-0,058	0,282
CHR1	12475759	CHR1:12475759	SSF x Near_LoA	-10,024	-0,033	0,294
CHR1	12476001	CHR1:12476001	SSF x Near_LoA	-8,375	0,017	0,289
CHR1	12476007	CHR1:12476007	SSF x Near_LoA	-7,884	0,031	0,281
CHR1	12478421	CHR1:12478421	SSF x Near_LoA	-7,194	0,029	0,285
CHR1	12478676	CHR1:12478676	SSF x Near_LoA	-7,303	-0,186	0,274
CHR1	1247888	CHR1:1247888	SSF x Near_LoA	-9,338	0,036	0,286
CHR1	12508564	CHR1:12508564	SSF x Near_LoA	-6,840	-0,060	0,294
CHR1	12510169	CHR1:12510169	SSF x Near_LoA	-8,920	0,056	0,296
CHR1	12510228	CHR1:12510228	SSF x Near_LoA	-6,529	0,141	0,272
CHR1	12517607	CHR1:12517607	SSF x Near_LoA	-8,938	0,039	0,282
CHR1	12535315	CHR1:12535315	SSF x Near_LoA	-6,106	0,053	0,303
CHR1	12544981	CHR1:12544981	SSF x Near_LoA	-7,372	-0,033	0,278

CHR1	12557437	CHR1:12557437	SSF x Near_LoA	-10,717	0,008	0,282
CHR1	12557516	CHR1:12557516	SSF x Near_LoA	-5,094	-0,123	0,290
CHR1	1256520	CHR1:1256520	SSF x Near_LoA	-6,448	-0,096	0,275
CHR1	1256576	CHR1:1256576	SSF x Near_LoA	-7,186	0,027	0,278
CHR1	12570612	CHR1:12570612	SSF x Near_LoA	-10,348	-0,002	0,292
CHR1	12599832	CHR1:12599832	SSF x Near_LoA	-9,262	0,151	0,285
CHR1	12649709	CHR1:12649709	SSF x Near_LoA	-4,573	-0,209	0,278
CHR1	12649717	CHR1:12649717	SSF x Near_LoA	-8,828	0,090	0,277
CHR1	12651552	CHR1:12651552	SSF x Near_LoA	-9,930	-0,005	0,283
CHR1	12667752	CHR1:12667752	SSF x Near_LoA	-6,983	0,109	0,284
CHR1	12667788	CHR1:12667788	SSF x Near_LoA	-9,985	0,112	0,268
CHR1	12695069	CHR1:12695069	SSF x Near_LoA	-9,413	-0,040	0,277
CHR1	12695362	CHR1:12695362	SSF x Near_LoA	-10,108	-0,025	0,289
CHR1	12695364	CHR1:12695364	SSF x Near_LoA	-6,776	-0,081	0,276
CHR1	12730016	CHR1:12730016	SSF x Near_LoA	-9,462	0,084	0,279
CHR1	12745700	CHR1:12745700	SSF x Near_LoA	-7,145	0,171	0,281
CHR1	12745873	CHR1:12745873	SSF x Near_LoA	-7,774	-0,023	0,300
CHR1	1275751	CHR1:1275751	SSF x Near_LoA	-8,174	-0,071	0,298
CHR1	1275822	CHR1:1275822	SSF x Near_LoA	-10,090	0,009	0,283
CHR1	1275828	CHR1:1275828	SSF x Near_LoA	-9,223	0,026	0,279
CHR1	1275873	CHR1:1275873	SSF x Near_LoA	-7,898	0,030	0,282
CHR1	1275882	CHR1:1275882	SSF x Near_LoA	-9,207	0,039	0,264
CHR1	1275957	CHR1:1275957	SSF x Near_LoA	-8,466	-0,024	0,290
CHR1	1276153	CHR1:1276153	SSF x Near_LoA	-9,062	-0,026	0,288
CHR1	12766340	CHR1:12766340	SSF x Near_LoA	-6,638	-0,040	0,287
CHR1	12766341	CHR1:12766341	SSF x Near_LoA	-5,414	0,088	0,281
CHR1	12766396	CHR1:12766396	SSF x Near_LoA	-7,106	-0,026	0,279
CHR1	12766621	CHR1:12766621	SSF x Near_LoA	-3,966	-0,043	0,274
CHR1	12769505	CHR1:12769505	SSF x Near_LoA	-7,608	0,116	0,288
CHR1	1278583	CHR1:1278583	SSF x Near_LoA	-9,401	-0,074	0,271
CHR1	1278590	CHR1:1278590	SSF x Near_LoA	-9,283	-0,077	0,274
CHR1	1278612	CHR1:1278612	SSF x Near_LoA	-8,351	-0,050	0,288
CHR1	1278626	CHR1:1278626	SSF x Near_LoA	-8,389	-0,139	0,282
CHR1	12788161	CHR1:12788161	SSF x Near_LoA	-10,824	0,111	0,268
CHR1	12824486	CHR1:12824486	SSF x Near_LoA	-9,303	0,003	0,280
CHR1	12837397	CHR1:12837397	SSF x Near_LoA	-9,211	0,104	0,294
CHR1	12842699	CHR1:12842699	SSF x Near_LoA	-6,353	-0,088	0,300
CHR1	12842747	CHR1:12842747	SSF x Near_LoA	-8,123	0,105	0,276
CHR1	12842779	CHR1:12842779	SSF x Near_LoA	-8,503	0,128	0,283
CHR1	12842829	CHR1:12842829	SSF x Near_LoA	-9,812	-0,061	0,289
CHR1	12843097	CHR1:12843097	SSF x Near_LoA	-9,441	-0,134	0,270
CHR1	12844270	CHR1:12844270	SSF x Near_LoA	-7,830	0,079	0,289
CHR1	12855160	CHR1:12855160	SSF x Near_LoA	-9,005	-0,044	0,299
CHR1	12855182	CHR1:12855182	SSF x Near_LoA	-8,218	0,075	0,283
CHR1	12855279	CHR1:12855279	SSF x Near_LoA	-6,331	-0,154	0,294
CHR1	12855424	CHR1:12855424	SSF x Near_LoA	-5,883	0,117	0,283
CHR1	12855447	CHR1:12855447	SSF x Near_LoA	-9,132	0,030	0,298
CHR1	12883713	CHR1:12883713	SSF x Near_LoA	-2,901	0,232	0,271
CHR1	12883971	CHR1:12883971	SSF x Near_LoA	-8,019	-0,009	0,294
CHR1	12884043	CHR1:12884043	SSF x Near_LoA	-7,138	0,009	0,289
CHR1	12884052	CHR1:12884052	SSF x Near_LoA	-6,207	0,037	0,285
CHR1	12895277	CHR1:12895277	SSF x Near_LoA	-7,083	-0,182	0,279
CHR1	12910365	CHR1:12910365	SSF x Near_LoA	-9,732	-0,047	0,289

CHR1	12910409	CHR1:12910409	SSF x Near_LoA	-8,278	-0,163	0,271
CHR1	12910494	CHR1:12910494	SSF x Near_LoA	-7,071	0,041	0,290
CHR1	12910496	CHR1:12910496	SSF x Near_LoA	-7,720	0,072	0,294
CHR1	12910497	CHR1:12910497	SSF x Near_LoA	-7,497	-0,001	0,304
CHR1	12910528	CHR1:12910528	SSF x Near_LoA	-9,820	0,021	0,288
CHR1	12910536	CHR1:12910536	SSF x Near_LoA	-8,720	0,008	0,289
CHR1	12911644	CHR1:12911644	SSF x Near_LoA	-5,949	-0,082	0,287
CHR1	12912964	CHR1:12912964	SSF x Near_LoA	-9,369	0,061	0,291
CHR1	12913169	CHR1:12913169	SSF x Near_LoA	-9,046	0,026	0,277
CHR1	12935044	CHR1:12935044	SSF x Near_LoA	-1,178	0,129	0,279
CHR1	12978698	CHR1:12978698	SSF x Near_LoA	-9,743	0,109	0,284
CHR1	12986426	CHR1:12986426	SSF x Near_LoA	-10,907	-0,024	0,280
CHR1	12986524	CHR1:12986524	SSF x Near_LoA	-5,631	-0,052	0,295
CHR1	12986558	CHR1:12986558	SSF x Near_LoA	-8,495	0,028	0,287
CHR1	12986731	CHR1:12986731	SSF x Near_LoA	-6,961	0,009	0,304
CHR1	13002452	CHR1:13002452	SSF x Near_LoA	-7,516	-0,076	0,299
CHR1	13002601	CHR1:13002601	SSF x Near_LoA	-6,865	0,168	0,284
CHR1	13002602	CHR1:13002602	SSF x Near_LoA	-8,720	-0,137	0,283
CHR1	13018846	CHR1:13018846	SSF x Near_LoA	-9,269	0,040	0,286
CHR1	13026234	CHR1:13026234	SSF x Near_LoA	-5,856	0,190	0,275
CHR1	13030206	CHR1:13030206	SSF x Near_LoA	-6,047	-0,101	0,275
CHR1	13046429	CHR1:13046429	SSF x Near_LoA	-7,510	0,136	0,283
CHR1	13046518	CHR1:13046518	SSF x Near_LoA	-9,395	0,070	0,277
CHR1	13068867	CHR1:13068867	SSF x Near_LoA	-7,540	-0,084	0,293
CHR1	1308561	CHR1:1308561	SSF x Near_LoA	-10,485	-0,017	0,277
CHR1	1308777	CHR1:1308777	SSF x Near_LoA	-7,142	0,091	0,279
CHR1	1308789	CHR1:1308789	SSF x Near_LoA	-6,001	-0,067	0,295
CHR1	1308892	CHR1:1308892	SSF x Near_LoA	-8,044	0,013	0,269
CHR1	1308903	CHR1:1308903	SSF x Near_LoA	-5,088	0,204	0,264
CHR1	1308920	CHR1:1308920	SSF x Near_LoA	-7,683	0,084	0,282
CHR1	13104439	CHR1:13104439	SSF x Near_LoA	-8,978	0,092	0,286
CHR1	13104711	CHR1:13104711	SSF x Near_LoA	-7,018	0,093	0,276
CHR1	13110850	CHR1:13110850	SSF x Near_LoA	-9,214	0,084	0,281
CHR1	13115197	CHR1:13115197	SSF x Near_LoA	-1,441	0,141	0,276
CHR1	13127181	CHR1:13127181	SSF x Near_LoA	-4,322	0,105	0,283
CHR1	13127185	CHR1:13127185	SSF x Near_LoA	-10,599	-0,067	0,290
CHR1	13127366	CHR1:13127366	SSF x Near_LoA	-10,487	-0,063	0,284
CHR1	13127383	CHR1:13127383	SSF x Near_LoA	-6,890	-0,052	0,298
CHR1	13149141	CHR1:13149141	SSF x Near_LoA	-7,228	-0,093	0,268
CHR1	13150609	CHR1:13150609	SSF x Near_LoA	-6,651	0,066	0,288
CHR1	13150636	CHR1:13150636	SSF x Near_LoA	-7,960	0,050	0,278
CHR1	13152062	CHR1:13152062	SSF x Near_LoA	-8,070	-0,032	0,295
CHR1	13152067	CHR1:13152067	SSF x Near_LoA	-8,007	-0,038	0,289
CHR1	13152099	CHR1:13152099	SSF x Near_LoA	-5,969	-0,127	0,292
CHR1	1320475	CHR1:1320475	SSF x Near_LoA	-4,191	0,093	0,278
CHR1	13205358	CHR1:13205358	SSF x Near_LoA	-8,917	0,048	0,287
CHR1	13222387	CHR1:13222387	SSF x Near_LoA	-7,869	-0,076	0,306
CHR1	13222411	CHR1:13222411	SSF x Near_LoA	-8,777	-0,098	0,270
CHR1	13222457	CHR1:13222457	SSF x Near_LoA	-7,788	0,150	0,288
CHR1	13222644	CHR1:13222644	SSF x Near_LoA	-9,644	0,005	0,291
CHR1	13222849	CHR1:13222849	SSF x Near_LoA	-9,507	0,034	0,279
CHR1	13229356	CHR1:13229356	SSF x Near_LoA	-5,156	0,150	0,286
CHR1	13229462	CHR1:13229462	SSF x Near_LoA	-6,154	0,034	0,297

CHR1	13234745	CHR1:13234745	SSF x Near_LoA	-9,428	-0,014	0,287
CHR1	13237735	CHR1:13237735	SSF x Near_LoA	-7,851	0,065	0,285
CHR1	13238053	CHR1:13238053	SSF x Near_LoA	-8,191	-0,061	0,285
CHR1	13238141	CHR1:13238141	SSF x Near_LoA	-9,780	-0,025	0,295
CHR1	13252435	CHR1:13252435	SSF x Near_LoA	-9,138	0,090	0,297
CHR1	13260712	CHR1:13260712	SSF x Near_LoA	-7,134	0,126	0,286
CHR1	13261034	CHR1:13261034	SSF x Near_LoA	-8,341	0,001	0,305
CHR1	13273050	CHR1:13273050	SSF x Near_LoA	-2,970	0,152	0,280
CHR1	13283503	CHR1:13283503	SSF x Near_LoA	-6,226	0,161	0,274
CHR1	13291844	CHR1:13291844	SSF x Near_LoA	-7,266	0,099	0,282
CHR1	13311144	CHR1:13311144	SSF x Near_LoA	-9,104	-0,046	0,292
CHR1	13324891	CHR1:13324891	SSF x Near_LoA	-2,995	-0,058	0,292
CHR1	13337758	CHR1:13337758	SSF x Near_LoA	-8,495	-0,045	0,297
CHR1	13337950	CHR1:13337950	SSF x Near_LoA	-5,548	0,082	0,288
CHR1	13341860	CHR1:13341860	SSF x Near_LoA	-5,925	-0,103	0,286
CHR1	1334402	CHR1:1334402	SSF x Near_LoA	-6,529	0,152	0,265
CHR1	1334495	CHR1:1334495	SSF x Near_LoA	-10,034	-0,059	0,291
CHR1	13348318	CHR1:13348318	SSF x Near_LoA	-9,072	-0,018	0,288
CHR1	13350695	CHR1:13350695	SSF x Near_LoA	-7,784	-0,083	0,274
CHR1	1335459	CHR1:1335459	SSF x Near_LoA	-10,044	-0,009	0,307
CHR1	1335904	CHR1:1335904	SSF x Near_LoA	-7,261	0,063	0,284
CHR1	13372473	CHR1:13372473	SSF x Near_LoA	-10,526	-0,043	0,283
CHR1	13372522	CHR1:13372522	SSF x Near_LoA	-8,220	0,015	0,287
CHR1	13372549	CHR1:13372549	SSF x Near_LoA	-7,262	0,168	0,278
CHR1	13372631	CHR1:13372631	SSF x Near_LoA	-4,158	0,138	0,272
CHR1	13372688	CHR1:13372688	SSF x Near_LoA	-9,906	-0,008	0,290
CHR1	13379164	CHR1:13379164	SSF x Near_LoA	-5,262	-0,131	0,290
CHR1	13379178	CHR1:13379178	SSF x Near_LoA	-8,433	-0,013	0,307
CHR1	13379261	CHR1:13379261	SSF x Near_LoA	-7,932	-0,096	0,289
CHR1	1338125	CHR1:1338125	SSF x Near_LoA	-8,920	0,120	0,281
CHR1	1338326	CHR1:1338326	SSF x Near_LoA	-8,070	-0,134	0,281
CHR1	13392824	CHR1:13392824	SSF x Near_LoA	-5,350	0,175	0,285
CHR1	13392888	CHR1:13392888	SSF x Near_LoA	-8,717	0,055	0,291
CHR1	13403947	CHR1:13403947	SSF x Near_LoA	6,510	0,167	0,284
CHR1	13404031	CHR1:13404031	SSF x Near_LoA	-8,508	0,054	0,279
CHR1	13404038	CHR1:13404038	SSF x Near_LoA	-9,430	0,077	0,304
CHR1	13418287	CHR1:13418287	SSF x Near_LoA	-7,863	-0,042	0,299
CHR1	13419755	CHR1:13419755	SSF x Near_LoA	-2,730	-0,180	0,267
CHR1	13431021	CHR1:13431021	SSF x Near_LoA	-8,934	0,169	0,258
CHR1	1343852	CHR1:1343852	SSF x Near_LoA	-9,705	0,028	0,282
CHR1	13439617	CHR1:13439617	SSF x Near_LoA	-10,371	-0,079	0,284
CHR1	1343995	CHR1:1343995	SSF x Near_LoA	-7,115	-0,143	0,279
CHR1	1344008	CHR1:1344008	SSF x Near_LoA	-4,570	0,170	0,291
CHR1	1344029	CHR1:1344029	SSF x Near_LoA	-3,630	0,130	0,290
CHR1	13444957	CHR1:13444957	SSF x Near_LoA	-8,279	0,063	0,283
CHR1	13460868	CHR1:13460868	SSF x Near_LoA	-9,472	-0,104	0,279
CHR1	13461089	CHR1:13461089	SSF x Near_LoA	-6,337	0,133	0,265
CHR1	13465950	CHR1:13465950	SSF x Near_LoA	-5,757	0,141	0,253
CHR1	13466056	CHR1:13466056	SSF x Near_LoA	-6,779	-0,158	0,283
CHR1	13466079	CHR1:13466079	SSF x Near_LoA	-2,812	0,201	0,259
CHR1	13466172	CHR1:13466172	SSF x Near_LoA	-7,999	-0,034	0,290
CHR1	13466224	CHR1:13466224	SSF x Near_LoA	-8,189	0,038	0,285
CHR1	13479123	CHR1:13479123	SSF x Near_LoA	-10,343	0,049	0,295

CHR1	13519533	CHR1:13519533	SSF x Near_LoA	-2,998	-0,250	0,263
CHR1	13548806	CHR1:13548806	SSF x Near_LoA	-10,392	0,009	0,290
CHR1	13548814	CHR1:13548814	SSF x Near_LoA	-8,515	0,140	0,278
CHR1	13549101	CHR1:13549101	SSF x Near_LoA	-9,439	0,069	0,282
CHR1	13549122	CHR1:13549122	SSF x Near_LoA	-7,805	0,109	0,283
CHR1	13572138	CHR1:13572138	SSF x Near_LoA	-8,854	0,122	0,278
CHR1	1357943	CHR1:1357943	SSF x Near_LoA	-8,428	-0,047	0,284
CHR1	1358003	CHR1:1358003	SSF x Near_LoA	-6,446	-0,077	0,283
CHR1	13581286	CHR1:13581286	SSF x Near_LoA	-5,399	-0,132	0,273
CHR1	13611578	CHR1:13611578	SSF x Near_LoA	-10,922	-0,006	0,289
CHR1	13611605	CHR1:13611605	SSF x Near_LoA	-9,481	-0,036	0,296
CHR1	13611623	CHR1:13611623	SSF x Near_LoA	-7,572	0,008	0,286
CHR1	13611762	CHR1:13611762	SSF x Near_LoA	-7,679	0,054	0,286
CHR1	13611810	CHR1:13611810	SSF x Near_LoA	-8,662	0,087	0,299
CHR1	1361849	CHR1:1361849	SSF x Near_LoA	-5,902	0,175	0,265
CHR1	13636894	CHR1:13636894	SSF x Near_LoA	-8,111	0,010	0,279
CHR1	13651382	CHR1:13651382	SSF x Near_LoA	-4,318	-0,108	0,279
CHR1	13651433	CHR1:13651433	SSF x Near_LoA	-0,437	-0,167	0,286
CHR1	13651454	CHR1:13651454	SSF x Near_LoA	-9,167	-0,031	0,291
CHR1	13665301	CHR1:13665301	SSF x Near_LoA	-7,815	-0,050	0,281
CHR1	13668009	CHR1:13668009	SSF x Near_LoA	-6,942	0,109	0,295
CHR1	13680463	CHR1:13680463	SSF x Near_LoA	-8,812	0,101	0,271
CHR1	13680481	CHR1:13680481	SSF x Near_LoA	-8,580	0,112	0,282
CHR1	13681547	CHR1:13681547	SSF x Near_LoA	-7,516	-0,176	0,280
CHR1	13690946	CHR1:13690946	SSF x Near_LoA	-9,295	-0,024	0,289
CHR1	13712245	CHR1:13712245	SSF x Near_LoA	-7,655	-0,039	0,294
CHR1	13720297	CHR1:13720297	SSF x Near_LoA	-9,400	0,028	0,297
CHR1	13724445	CHR1:13724445	SSF x Near_LoA	-7,294	-0,090	0,271
CHR1	13724471	CHR1:13724471	SSF x Near_LoA	-9,399	-0,018	0,287
CHR1	13733789	CHR1:13733789	SSF x Near_LoA	-10,369	-0,088	0,285
CHR1	13751006	CHR1:13751006	SSF x Near_LoA	-8,530	0,018	0,278
CHR1	13751068	CHR1:13751068	SSF x Near_LoA	-8,221	0,061	0,292
CHR1	13757607	CHR1:13757607	SSF x Near_LoA	-9,128	-0,006	0,286
CHR1	13757625	CHR1:13757625	SSF x Near_LoA	-8,092	0,026	0,291
CHR1	13757676	CHR1:13757676	SSF x Near_LoA	-8,081	0,011	0,300
CHR1	13757847	CHR1:13757847	SSF x Near_LoA	-10,542	-0,059	0,290
CHR1	1376874	CHR1:1376874	SSF x Near_LoA	-7,228	0,039	0,286
CHR1	1376875	CHR1:1376875	SSF x Near_LoA	-9,769	0,060	0,280
CHR1	1376940	CHR1:1376940	SSF x Near_LoA	-8,833	0,045	0,298
CHR1	1376972	CHR1:1376972	SSF x Near_LoA	-3,398	-0,213	0,280
CHR1	1377011	CHR1:1377011	SSF x Near_LoA	-5,352	-0,178	0,295
CHR1	1377024	CHR1:1377024	SSF x Near_LoA	-6,142	0,119	0,281
CHR1	1377045	CHR1:1377045	SSF x Near_LoA	-6,788	0,133	0,268
CHR1	13780907	CHR1:13780907	SSF x Near_LoA	-4,387	0,156	0,294
CHR1	13781023	CHR1:13781023	SSF x Near_LoA	-6,416	0,137	0,292
CHR1	13781048	CHR1:13781048	SSF x Near_LoA	-10,274	-0,121	0,272
CHR1	13810352	CHR1:13810352	SSF x Near_LoA	-6,949	-0,109	0,275
CHR1	13810377	CHR1:13810377	SSF x Near_LoA	-8,288	0,046	0,287
CHR1	13810547	CHR1:13810547	SSF x Near_LoA	-6,752	0,048	0,281
CHR1	13810595	CHR1:13810595	SSF x Near_LoA	-4,574	0,043	0,280
CHR1	13872156	CHR1:13872156	SSF x Near_LoA	-9,069	0,007	0,280
CHR1	13897616	CHR1:13897616	SSF x Near_LoA	-4,784	0,053	0,295
CHR1	13897741	CHR1:13897741	SSF x Near_LoA	-8,814	0,088	0,279

CHR1	13897851	CHR1:13897851	SSF x Near_LoA	-7,675	0,112	0,294
CHR1	13905579	CHR1:13905579	SSF x Near_LoA	-8,336	0,033	0,293
CHR1	13916463	CHR1:13916463	SSF x Near_LoA	-8,196	-0,012	0,277
CHR1	13916561	CHR1:13916561	SSF x Near_LoA	-7,521	0,146	0,284
CHR1	13916644	CHR1:13916644	SSF x Near_LoA	-6,818	-0,032	0,280
CHR1	13916657	CHR1:13916657	SSF x Near_LoA	-9,401	0,017	0,282
CHR1	13940596	CHR1:13940596	SSF x Near_LoA	-8,119	0,162	0,284
CHR1	13945865	CHR1:13945865	SSF x Near_LoA	-8,804	0,030	0,288
CHR1	13945877	CHR1:13945877	SSF x Near_LoA	-8,033	0,011	0,299
CHR1	13959791	CHR1:13959791	SSF x Near_LoA	-10,053	0,020	0,277
CHR1	13990458	CHR1:13990458	SSF x Near_LoA	-7,438	0,152	0,281
CHR1	13995750	CHR1:13995750	SSF x Near_LoA	-8,074	0,015	0,293
CHR1	13995845	CHR1:13995845	SSF x Near_LoA	-9,989	0,013	0,297
CHR1	1400924	CHR1:1400924	SSF x Near_LoA	-8,978	0,047	0,292
CHR1	14012883	CHR1:14012883	SSF x Near_LoA	-6,981	0,015	0,290
CHR1	14012900	CHR1:14012900	SSF x Near_LoA	-7,730	0,024	0,295
CHR1	14012940	CHR1:14012940	SSF x Near_LoA	-7,679	0,063	0,298
CHR1	14013053	CHR1:14013053	SSF x Near_LoA	-6,849	0,100	0,290
CHR1	14013119	CHR1:14013119	SSF x Near_LoA	-6,827	0,090	0,300
CHR1	14030156	CHR1:14030156	SSF x Near_LoA	-8,117	0,000	0,286
CHR1	14030273	CHR1:14030273	SSF x Near_LoA	-8,344	-0,056	0,288
CHR1	14044558	CHR1:14044558	SSF x Near_LoA	-5,892	0,155	0,295
CHR1	14050317	CHR1:14050317	SSF x Near_LoA	-10,690	-0,062	0,282
CHR1	14070053	CHR1:14070053	SSF x Near_LoA	-8,655	-0,064	0,284
CHR1	14070095	CHR1:14070095	SSF x Near_LoA	-3,657	-0,074	0,274
CHR1	14070139	CHR1:14070139	SSF x Near_LoA	-8,953	-0,049	0,279
CHR1	14079747	CHR1:14079747	SSF x Near_LoA	-8,150	-0,007	0,283
CHR1	14079934	CHR1:14079934	SSF x Near_LoA	-8,152	0,002	0,268
CHR1	14082446	CHR1:14082446	SSF x Near_LoA	-8,140	-0,118	0,281
CHR1	14114399	CHR1:14114399	SSF x Near_LoA	-8,058	-0,015	0,273
CHR1	1412822	CHR1:1412822	SSF x Near_LoA	-8,042	-0,086	0,283
CHR1	1413003	CHR1:1413003	SSF x Near_LoA	-5,218	-0,154	0,267
CHR1	14146760	CHR1:14146760	SSF x Near_LoA	-8,345	-0,092	0,276
CHR1	14171261	CHR1:14171261	SSF x Near_LoA	-7,425	-0,053	0,285
CHR1	14181838	CHR1:14181838	SSF x Near_LoA	-5,372	0,141	0,283
CHR1	14197568	CHR1:14197568	SSF x Near_LoA	-10,207	0,053	0,290
CHR1	14205747	CHR1:14205747	SSF x Near_LoA	-6,969	0,091	0,287
CHR1	14209584	CHR1:14209584	SSF x Near_LoA	-7,145	-0,013	0,285
CHR1	14209594	CHR1:14209594	SSF x Near_LoA	-7,513	-0,031	0,282
CHR1	1424983	CHR1:1424983	SSF x Near_LoA	-7,731	-0,024	0,294
CHR1	1424987	CHR1:1424987	SSF x Near_LoA	-7,951	-0,045	0,294
CHR1	1424988	CHR1:1424988	SSF x Near_LoA	-7,803	-0,025	0,297
CHR1	1425024	CHR1:1425024	SSF x Near_LoA	-7,005	0,210	0,273
CHR1	1425325	CHR1:1425325	SSF x Near_LoA	-9,911	-0,064	0,298
CHR1	1425340	CHR1:1425340	SSF x Near_LoA	-0,774	-0,142	0,296
CHR1	14274838	CHR1:14274838	SSF x Near_LoA	-11,017	-0,005	0,274
CHR1	14291889	CHR1:14291889	SSF x Near_LoA	-8,835	0,029	0,293
CHR1	14292062	CHR1:14292062	SSF x Near_LoA	-8,649	0,005	0,284
CHR1	14308375	CHR1:14308375	SSF x Near_LoA	-9,494	0,148	0,285
CHR1	14329363	CHR1:14329363	SSF x Near_LoA	-7,232	-0,092	0,293
CHR1	14329776	CHR1:14329776	SSF x Near_LoA	-9,228	-0,107	0,284
CHR1	14341808	CHR1:14341808	SSF x Near_LoA	-9,261	-0,080	0,289
CHR1	14389720	CHR1:14389720	SSF x Near_LoA	-6,259	0,114	0,296

CHR1	14389775	CHR1:14389775	SSF x Near_LoA	3,505	0,117	0,299
CHR1	14389853	CHR1:14389853	SSF x Near_LoA	-7,716	-0,075	0,290
CHR1	14427836	CHR1:14427836	SSF x Near_LoA	-9,957	-0,062	0,292
CHR1	14427900	CHR1:14427900	SSF x Near_LoA	-6,229	-0,171	0,268
CHR1	14428004	CHR1:14428004	SSF x Near_LoA	-8,397	0,066	0,308
CHR1	14428020	CHR1:14428020	SSF x Near_LoA	-7,659	0,086	0,283
CHR1	14428657	CHR1:14428657	SSF x Near_LoA	-8,297	-0,187	0,271
CHR1	14428699	CHR1:14428699	SSF x Near_LoA	-7,174	0,054	0,290
CHR1	14428753	CHR1:14428753	SSF x Near_LoA	-8,807	0,034	0,309
CHR1	14437499	CHR1:14437499	SSF x Near_LoA	-8,746	0,028	0,300
CHR1	14437674	CHR1:14437674	SSF x Near_LoA	-6,824	0,082	0,307
CHR1	14455251	CHR1:14455251	SSF x Near_LoA	-6,521	0,136	0,286
CHR1	1445820	CHR1:1445820	SSF x Near_LoA	-6,857	0,092	0,301
CHR1	1445982	CHR1:1445982	SSF x Near_LoA	-9,670	-0,053	0,286
CHR1	1446030	CHR1:1446030	SSF x Near_LoA	-9,445	0,000	0,280
CHR1	14481850	CHR1:14481850	SSF x Near_LoA	-5,819	0,140	0,280
CHR1	14497487	CHR1:14497487	SSF x Near_LoA	-7,500	-0,050	0,288
CHR1	14509773	CHR1:14509773	SSF x Near_LoA	-9,034	-0,097	0,287
CHR1	14510050	CHR1:14510050	SSF x Near_LoA	-7,293	0,087	0,288
CHR1	14520646	CHR1:14520646	SSF x Near_LoA	-6,479	0,090	0,299
CHR1	14520793	CHR1:14520793	SSF x Near_LoA	-6,622	0,092	0,307
CHR1	14558894	CHR1:14558894	SSF x Near_LoA	-8,126	0,024	0,291
CHR1	14567302	CHR1:14567302	SSF x Near_LoA	-5,854	0,085	0,287
CHR1	14567337	CHR1:14567337	SSF x Near_LoA	-7,921	0,059	0,293
CHR1	14576100	CHR1:14576100	SSF x Near_LoA	-4,785	0,062	0,282
CHR1	14576101	CHR1:14576101	SSF x Near_LoA	-8,286	0,049	0,286
CHR1	14576105	CHR1:14576105	SSF x Near_LoA	-7,896	0,027	0,275
CHR1	14576125	CHR1:14576125	SSF x Near_LoA	-3,800	-0,198	0,257
CHR1	14590011	CHR1:14590011	SSF x Near_LoA	-5,652	0,176	0,280
CHR1	14605859	CHR1:14605859	SSF x Near_LoA	1,350	-0,219	0,284
CHR1	14605963	CHR1:14605963	SSF x Near_LoA	-5,894	-0,163	0,286
CHR1	14606027	CHR1:14606027	SSF x Near_LoA	-5,472	-0,212	0,271
CHR1	14627142	CHR1:14627142	SSF x Near_LoA	-7,209	-0,129	0,283
CHR1	14689213	CHR1:14689213	SSF x Near_LoA	-9,398	0,013	0,279
CHR1	14689222	CHR1:14689222	SSF x Near_LoA	-7,989	0,034	0,302
CHR1	14692199	CHR1:14692199	SSF x Near_LoA	-7,636	0,002	0,285
CHR1	14707692	CHR1:14707692	SSF x Near_LoA	-6,587	0,075	0,297
CHR1	1472479	CHR1:1472479	SSF x Near_LoA	-7,358	-0,111	0,282
CHR1	1476277	CHR1:1476277	SSF x Near_LoA	-10,466	-0,033	0,281
CHR1	14765870	CHR1:14765870	SSF x Near_LoA	1,750	0,272	0,257
CHR1	14794376	CHR1:14794376	SSF x Near_LoA	-9,442	0,031	0,282
CHR1	14794465	CHR1:14794465	SSF x Near_LoA	-4,686	0,170	0,284
CHR1	14794470	CHR1:14794470	SSF x Near_LoA	-7,550	0,173	0,273
CHR1	14794502	CHR1:14794502	SSF x Near_LoA	-7,073	0,073	0,282
CHR1	14794507	CHR1:14794507	SSF x Near_LoA	-8,622	-0,101	0,285
CHR1	14794586	CHR1:14794586	SSF x Near_LoA	-8,391	0,034	0,277
CHR1	14794665	CHR1:14794665	SSF x Near_LoA	-5,798	-0,060	0,283
CHR1	14820307	CHR1:14820307	SSF x Near_LoA	-2,905	-0,179	0,281
CHR1	14820342	CHR1:14820342	SSF x Near_LoA	-10,329	0,091	0,277
CHR1	14820388	CHR1:14820388	SSF x Near_LoA	-10,263	0,010	0,260
CHR1	14827088	CHR1:14827088	SSF x Near_LoA	-6,118	0,064	0,292
CHR1	14827256	CHR1:14827256	SSF x Near_LoA	-8,474	-0,064	0,280
CHR1	14827262	CHR1:14827262	SSF x Near_LoA	-7,296	-0,036	0,296

CHR1	14827269	CHR1:14827269	SSF x Near_LoA	-7,721	-0,021	0,291
CHR1	14827297	CHR1:14827297	SSF x Near_LoA	-8,653	0,018	0,287
CHR1	14829865	CHR1:14829865	SSF x Near_LoA	-7,661	-0,082	0,291
CHR1	14842941	CHR1:14842941	SSF x Near_LoA	-8,523	-0,053	0,283
CHR1	14843029	CHR1:14843029	SSF x Near_LoA	-6,398	0,066	0,276
CHR1	14843044	CHR1:14843044	SSF x Near_LoA	-8,262	0,026	0,272
CHR1	14843075	CHR1:14843075	SSF x Near_LoA	-9,966	-0,022	0,283
CHR1	14843112	CHR1:14843112	SSF x Near_LoA	-9,707	-0,102	0,287
CHR1	14843115	CHR1:14843115	SSF x Near_LoA	-8,498	-0,113	0,280
CHR1	14852068	CHR1:14852068	SSF x Near_LoA	-7,454	-0,134	0,290
CHR1	14853093	CHR1:14853093	SSF x Near_LoA	-8,834	-0,005	0,281
CHR1	14853114	CHR1:14853114	SSF x Near_LoA	-5,119	0,057	0,300
CHR1	14853121	CHR1:14853121	SSF x Near_LoA	-8,134	-0,041	0,292
CHR1	14853122	CHR1:14853122	SSF x Near_LoA	-8,054	-0,013	0,284
CHR1	14853140	CHR1:14853140	SSF x Near_LoA	-8,477	0,014	0,281
CHR1	14853149	CHR1:14853149	SSF x Near_LoA	-8,349	-0,003	0,285
CHR1	14859264	CHR1:14859264	SSF x Near_LoA	-8,243	0,060	0,282
CHR1	14859299	CHR1:14859299	SSF x Near_LoA	-9,305	-0,027	0,289
CHR1	14859313	CHR1:14859313	SSF x Near_LoA	-8,549	-0,100	0,285
CHR1	14859358	CHR1:14859358	SSF x Near_LoA	-6,825	0,129	0,278
CHR1	14859369	CHR1:14859369	SSF x Near_LoA	-6,566	0,120	0,298
CHR1	14859387	CHR1:14859387	SSF x Near_LoA	-6,260	0,071	0,303
CHR1	14859423	CHR1:14859423	SSF x Near_LoA	-8,343	0,035	0,294
CHR1	14878271	CHR1:14878271	SSF x Near_LoA	-6,862	-0,026	0,291
CHR1	14893857	CHR1:14893857	SSF x Near_LoA	-7,686	0,013	0,297
CHR1	14903681	CHR1:14903681	SSF x Near_LoA	-8,091	-0,104	0,287
CHR1	14921721	CHR1:14921721	SSF x Near_LoA	-7,542	0,040	0,294
CHR1	14968131	CHR1:14968131	SSF x Near_LoA	-7,860	-0,127	0,281
CHR1	14968288	CHR1:14968288	SSF x Near_LoA	-9,905	0,113	0,281
CHR1	14968362	CHR1:14968362	SSF x Near_LoA	-9,278	-0,006	0,291
CHR1	14968493	CHR1:14968493	SSF x Near_LoA	-7,322	-0,032	0,273
CHR1	14973633	CHR1:14973633	SSF x Near_LoA	-7,673	-0,064	0,293
CHR1	14973657	CHR1:14973657	SSF x Near_LoA	-9,081	-0,078	0,278
CHR1	14973666	CHR1:14973666	SSF x Near_LoA	-8,587	-0,073	0,292
CHR1	14973690	CHR1:14973690	SSF x Near_LoA	-9,583	-0,053	0,293
CHR1	14988232	CHR1:14988232	SSF x Near_LoA	-9,177	-0,039	0,292
CHR1	14990029	CHR1:14990029	SSF x Near_LoA	-9,592	-0,007	0,274
CHR1	14990030	CHR1:14990030	SSF x Near_LoA	-8,630	-0,047	0,284
CHR1	14990041	CHR1:14990041	SSF x Near_LoA	-6,740	-0,055	0,268
CHR1	14990099	CHR1:14990099	SSF x Near_LoA	-8,202	-0,014	0,281
CHR1	14991585	CHR1:14991585	SSF x Near_LoA	-7,658	-0,002	0,292
CHR1	14996381	CHR1:14996381	SSF x Near_LoA	-9,003	-0,065	0,277
CHR1	15007073	CHR1:15007073	SSF x Near_LoA	6,525	-0,269	0,263
CHR1	15020730	CHR1:15020730	SSF x Near_LoA	-6,051	-0,077	0,280
CHR1	15020793	CHR1:15020793	SSF x Near_LoA	-3,811	0,162	0,294
CHR1	15020797	CHR1:15020797	SSF x Near_LoA	3,498	0,125	0,291
CHR1	15020845	CHR1:15020845	SSF x Near_LoA	-8,509	-0,018	0,297
CHR1	15020846	CHR1:15020846	SSF x Near_LoA	-9,092	-0,050	0,293
CHR1	15020870	CHR1:15020870	SSF x Near_LoA	-7,788	0,149	0,290
CHR1	15020886	CHR1:15020886	SSF x Near_LoA	-7,671	0,106	0,286
CHR1	15020898	CHR1:15020898	SSF x Near_LoA	-5,834	0,144	0,279
CHR1	15028937	CHR1:15028937	SSF x Near_LoA	-7,353	0,116	0,274
CHR1	15046038	CHR1:15046038	SSF x Near_LoA	-7,961	-0,047	0,288

CHR1	15046071	CHR1:15046071	SSF x Near_LoA	-6,771	-0,061	0,295
CHR1	15046092	CHR1:15046092	SSF x Near_LoA	-8,742	-0,045	0,288
CHR1	15046104	CHR1:15046104	SSF x Near_LoA	-8,096	0,034	0,282
CHR1	15046120	CHR1:15046120	SSF x Near_LoA	-8,110	-0,064	0,287
CHR1	15046149	CHR1:15046149	SSF x Near_LoA	-7,931	-0,082	0,273
CHR1	15046173	CHR1:15046173	SSF x Near_LoA	-6,815	0,002	0,300
CHR1	15046187	CHR1:15046187	SSF x Near_LoA	-7,668	0,002	0,294
CHR1	15053082	CHR1:15053082	SSF x Near_LoA	0,163	0,089	0,285
CHR1	15053135	CHR1:15053135	SSF x Near_LoA	-4,800	-0,154	0,282
CHR1	15053179	CHR1:15053179	SSF x Near_LoA	-7,835	0,004	0,287
CHR1	15053209	CHR1:15053209	SSF x Near_LoA	-10,406	-0,011	0,281
CHR1	15053247	CHR1:15053247	SSF x Near_LoA	-7,748	0,021	0,291
CHR1	15103387	CHR1:15103387	SSF x Near_LoA	-8,891	-0,095	0,294
CHR1	15103392	CHR1:15103392	SSF x Near_LoA	-6,564	0,049	0,300
CHR1	15103441	CHR1:15103441	SSF x Near_LoA	-5,940	-0,131	0,296
CHR1	15103470	CHR1:15103470	SSF x Near_LoA	-10,387	-0,047	0,291
CHR1	15103484	CHR1:15103484	SSF x Near_LoA	-7,759	-0,030	0,284
CHR1	15109003	CHR1:15109003	SSF x Near_LoA	-8,229	-0,016	0,302
CHR1	15109030	CHR1:15109030	SSF x Near_LoA	-6,393	-0,038	0,294
CHR1	15110624	CHR1:15110624	SSF x Near_LoA	-5,306	0,079	0,290
CHR1	15112858	CHR1:15112858	SSF x Near_LoA	-4,794	-0,093	0,286
CHR1	15115288	CHR1:15115288	SSF x Near_LoA	-9,766	-0,136	0,279
CHR1	15115303	CHR1:15115303	SSF x Near_LoA	-0,946	0,018	0,301
CHR1	15115341	CHR1:15115341	SSF x Near_LoA	-6,491	-0,030	0,298
CHR1	15115417	CHR1:15115417	SSF x Near_LoA	-8,374	-0,024	0,279
CHR1	15139065	CHR1:15139065	SSF x Near_LoA	-9,870	-0,043	0,278
CHR1	15139101	CHR1:15139101	SSF x Near_LoA	-5,089	-0,196	0,279
CHR1	15139310	CHR1:15139310	SSF x Near_LoA	-6,617	-0,081	0,292
CHR1	15168158	CHR1:15168158	SSF x Near_LoA	-7,321	0,024	0,285
CHR1	15168194	CHR1:15168194	SSF x Near_LoA	-6,362	0,032	0,295
CHR1	15168297	CHR1:15168297	SSF x Near_LoA	-8,448	0,079	0,292
CHR1	15168374	CHR1:15168374	SSF x Near_LoA	-9,466	-0,074	0,290
CHR1	15168375	CHR1:15168375	SSF x Near_LoA	-10,304	-0,059	0,283
CHR1	15168383	CHR1:15168383	SSF x Near_LoA	-8,439	0,077	0,289
CHR1	15168446	CHR1:15168446	SSF x Near_LoA	-5,035	-0,195	0,282
CHR1	15189409	CHR1:15189409	SSF x Near_LoA	-10,783	-0,020	0,280
CHR1	15189424	CHR1:15189424	SSF x Near_LoA	-7,442	-0,009	0,302
CHR1	15189426	CHR1:15189426	SSF x Near_LoA	-5,918	-0,010	0,296
CHR1	15194548	CHR1:15194548	SSF x Near_LoA	-2,485	-0,142	0,303
CHR1	15204061	CHR1:15204061	SSF x Near_LoA	-8,743	0,047	0,288
CHR1	15204117	CHR1:15204117	SSF x Near_LoA	-5,851	-0,122	0,296
CHR1	15204293	CHR1:15204293	SSF x Near_LoA	-8,038	-0,063	0,294
CHR1	15204315	CHR1:15204315	SSF x Near_LoA	-7,799	0,045	0,296
CHR1	15204338	CHR1:15204338	SSF x Near_LoA	-5,640	0,180	0,271
CHR1	15204341	CHR1:15204341	SSF x Near_LoA	-7,148	-0,024	0,297
CHR1	15204348	CHR1:15204348	SSF x Near_LoA	-5,018	-0,048	0,282
CHR1	15204371	CHR1:15204371	SSF x Near_LoA	-7,615	-0,040	0,285
CHR1	15204379	CHR1:15204379	SSF x Near_LoA	-7,718	-0,007	0,288
CHR1	15204395	CHR1:15204395	SSF x Near_LoA	-3,546	0,212	0,279
CHR1	15207505	CHR1:15207505	SSF x Near_LoA	-9,074	0,014	0,292
CHR1	15207510	CHR1:15207510	SSF x Near_LoA	-8,173	-0,144	0,270
CHR1	15207543	CHR1:15207543	SSF x Near_LoA	-10,058	0,023	0,281
CHR1	15207560	CHR1:15207560	SSF x Near_LoA	-6,523	-0,112	0,278

CHR1	15207566	CHR1:15207566	SSF x Near_LoA	-6,529	0,175	0,296
CHR1	15218242	CHR1:15218242	SSF x Near_LoA	-8,782	0,046	0,292
CHR1	15218274	CHR1:15218274	SSF x Near_LoA	-9,508	0,029	0,279
CHR1	15218331	CHR1:15218331	SSF x Near_LoA	-5,118	-0,108	0,291
CHR1	15218377	CHR1:15218377	SSF x Near_LoA	-5,884	-0,106	0,291
CHR1	15218527	CHR1:15218527	SSF x Near_LoA	-6,922	0,039	0,288
CHR1	15220102	CHR1:15220102	SSF x Near_LoA	-6,404	-0,146	0,268
CHR1	15220341	CHR1:15220341	SSF x Near_LoA	-9,082	-0,069	0,291
CHR1	15245990	CHR1:15245990	SSF x Near_LoA	-7,576	-0,064	0,284
CHR1	15246026	CHR1:15246026	SSF x Near_LoA	-6,782	0,056	0,280
CHR1	15246044	CHR1:15246044	SSF x Near_LoA	-6,862	0,138	0,275
CHR1	15246205	CHR1:15246205	SSF x Near_LoA	-7,963	0,130	0,268
CHR1	15246284	CHR1:15246284	SSF x Near_LoA	-8,902	0,065	0,293
CHR1	15250846	CHR1:15250846	SSF x Near_LoA	-7,932	-0,023	0,287
CHR1	15250852	CHR1:15250852	SSF x Near_LoA	-7,285	-0,017	0,290
CHR1	15250853	CHR1:15250853	SSF x Near_LoA	-6,302	0,002	0,294
CHR1	15265064	CHR1:15265064	SSF x Near_LoA	-10,180	0,027	0,290
CHR1	15265108	CHR1:15265108	SSF x Near_LoA	-9,065	-0,026	0,295
CHR1	15265147	CHR1:15265147	SSF x Near_LoA	-8,213	-0,032	0,275
CHR1	15265156	CHR1:15265156	SSF x Near_LoA	-6,081	-0,036	0,280
CHR1	15265177	CHR1:15265177	SSF x Near_LoA	-9,322	-0,006	0,271
CHR1	15267688	CHR1:15267688	SSF x Near_LoA	-8,254	0,125	0,288
CHR1	15267729	CHR1:15267729	SSF x Near_LoA	-7,525	-0,139	0,287
CHR1	15267879	CHR1:15267879	SSF x Near_LoA	-8,175	-0,053	0,285
CHR1	15267901	CHR1:15267901	SSF x Near_LoA	0,741	0,039	0,274
CHR1	15286135	CHR1:15286135	SSF x Near_LoA	-5,225	-0,078	0,303
CHR1	15286230	CHR1:15286230	SSF x Near_LoA	-6,818	-0,111	0,276
CHR1	15286253	CHR1:15286253	SSF x Near_LoA	-6,072	0,066	0,282
CHR1	15286263	CHR1:15286263	SSF x Near_LoA	-9,331	0,051	0,281
CHR1	15286265	CHR1:15286265	SSF x Near_LoA	-8,144	0,070	0,274
CHR1	15286294	CHR1:15286294	SSF x Near_LoA	-8,739	0,043	0,289
CHR1	15301447	CHR1:15301447	SSF x Near_LoA	-6,844	0,176	0,273
CHR1	15325411	CHR1:15325411	SSF x Near_LoA	-8,204	-0,056	0,287
CHR1	15326027	CHR1:15326027	SSF x Near_LoA	-8,088	-0,095	0,290
CHR1	15330490	CHR1:15330490	SSF x Near_LoA	-11,002	0,003	0,273
CHR1	15337794	CHR1:15337794	SSF x Near_LoA	-8,795	-0,047	0,287
CHR1	15337828	CHR1:15337828	SSF x Near_LoA	-8,010	-0,054	0,278
CHR1	15339260	CHR1:15339260	SSF x Near_LoA	-7,078	-0,049	0,287
CHR1	15339261	CHR1:15339261	SSF x Near_LoA	-7,326	0,068	0,289
CHR1	15339299	CHR1:15339299	SSF x Near_LoA	-6,681	0,035	0,284
CHR1	15339304	CHR1:15339304	SSF x Near_LoA	-10,410	-0,024	0,280
CHR1	15339340	CHR1:15339340	SSF x Near_LoA	-5,845	0,019	0,278
CHR1	15339343	CHR1:15339343	SSF x Near_LoA	-1,899	-0,186	0,280
CHR1	15360927	CHR1:15360927	SSF x Near_LoA	-7,419	0,124	0,267
CHR1	15361094	CHR1:15361094	SSF x Near_LoA	-6,688	0,106	0,292
CHR1	1536125	CHR1:1536125	SSF x Near_LoA	-10,975	-0,003	0,285
CHR1	15382066	CHR1:15382066	SSF x Near_LoA	-5,506	0,169	0,279
CHR1	15384252	CHR1:15384252	SSF x Near_LoA	-8,852	-0,027	0,296
CHR1	15384334	CHR1:15384334	SSF x Near_LoA	-5,503	-0,103	0,287
CHR1	1542054	CHR1:1542054	SSF x Near_LoA	-7,047	0,102	0,285
CHR1	1542055	CHR1:1542055	SSF x Near_LoA	-7,692	0,115	0,283
CHR1	1542194	CHR1:1542194	SSF x Near_LoA	-9,714	0,065	0,276
CHR1	1542286	CHR1:1542286	SSF x Near_LoA	-10,363	-0,029	0,286

CHR1	1542303	CHR1:1542303	SSF x Near_LoA	-6,679	0,144	0,273
CHR1	1542310	CHR1:1542310	SSF x Near_LoA	-5,219	0,142	0,279
CHR1	15425937	CHR1:15425937	SSF x Near_LoA	-8,707	0,103	0,270
CHR1	15426674	CHR1:15426674	SSF x Near_LoA	-10,736	-0,040	0,285
CHR1	15460068	CHR1:15460068	SSF x Near_LoA	-4,753	-0,089	0,283
CHR1	15460111	CHR1:15460111	SSF x Near_LoA	-7,401	0,047	0,291
CHR1	15460145	CHR1:15460145	SSF x Near_LoA	-7,681	0,061	0,290
CHR1	15460154	CHR1:15460154	SSF x Near_LoA	-8,049	-0,037	0,287
CHR1	15460228	CHR1:15460228	SSF x Near_LoA	-7,721	0,001	0,279
CHR1	15460247	CHR1:15460247	SSF x Near_LoA	-9,421	0,038	0,285
CHR1	15479674	CHR1:15479674	SSF x Near_LoA	-9,174	0,039	0,290
CHR1	15479733	CHR1:15479733	SSF x Near_LoA	-7,242	0,063	0,289
CHR1	15479740	CHR1:15479740	SSF x Near_LoA	-5,646	-0,146	0,264
CHR1	15484270	CHR1:15484270	SSF x Near_LoA	-1,740	0,162	0,274
CHR1	15484280	CHR1:15484280	SSF x Near_LoA	-8,521	-0,002	0,269
CHR1	15484313	CHR1:15484313	SSF x Near_LoA	-4,341	-0,057	0,275
CHR1	15484314	CHR1:15484314	SSF x Near_LoA	-7,721	-0,132	0,281
CHR1	15491434	CHR1:15491434	SSF x Near_LoA	-6,349	-0,116	0,290
CHR1	15491614	CHR1:15491614	SSF x Near_LoA	-6,860	0,158	0,284
CHR1	15498340	CHR1:15498340	SSF x Near_LoA	-7,750	-0,017	0,292
CHR1	15498365	CHR1:15498365	SSF x Near_LoA	-10,375	0,018	0,287
CHR1	15498408	CHR1:15498408	SSF x Near_LoA	-10,264	-0,001	0,292
CHR1	15498540	CHR1:15498540	SSF x Near_LoA	-6,478	0,007	0,293
CHR1	15498543	CHR1:15498543	SSF x Near_LoA	-9,884	-0,127	0,279
CHR1	15498550	CHR1:15498550	SSF x Near_LoA	-7,480	0,038	0,291
CHR1	15509265	CHR1:15509265	SSF x Near_LoA	-6,632	-0,008	0,290
CHR1	15515653	CHR1:15515653	SSF x Near_LoA	-3,106	-0,055	0,291
CHR1	15515801	CHR1:15515801	SSF x Near_LoA	-7,604	0,071	0,292
CHR1	1551975	CHR1:1551975	SSF x Near_LoA	-8,583	-0,147	0,284
CHR1	15536389	CHR1:15536389	SSF x Near_LoA	-4,008	-0,169	0,285
CHR1	15536395	CHR1:15536395	SSF x Near_LoA	-6,542	-0,199	0,266
CHR1	15536402	CHR1:15536402	SSF x Near_LoA	-2,425	-0,204	0,281
CHR1	15536407	CHR1:15536407	SSF x Near_LoA	-4,886	-0,217	0,277
CHR1	15536495	CHR1:15536495	SSF x Near_LoA	-10,130	-0,016	0,289
CHR1	15536546	CHR1:15536546	SSF x Near_LoA	-8,819	-0,101	0,277
CHR1	15536593	CHR1:15536593	SSF x Near_LoA	-9,689	-0,052	0,292
CHR1	15550407	CHR1:15550407	SSF x Near_LoA	-9,227	0,054	0,274
CHR1	15550434	CHR1:15550434	SSF x Near_LoA	-9,752	-0,018	0,282
CHR1	15550439	CHR1:15550439	SSF x Near_LoA	-11,336	-0,007	0,283
CHR1	15550482	CHR1:15550482	SSF x Near_LoA	-9,352	0,080	0,290
CHR1	15550487	CHR1:15550487	SSF x Near_LoA	-8,204	0,044	0,286
CHR1	15550602	CHR1:15550602	SSF x Near_LoA	-5,821	0,066	0,295
CHR1	15561235	CHR1:15561235	SSF x Near_LoA	-7,496	0,018	0,288
CHR1	15561302	CHR1:15561302	SSF x Near_LoA	-5,019	0,105	0,290
CHR1	15561529	CHR1:15561529	SSF x Near_LoA	-8,128	-0,075	0,288
CHR1	15566034	CHR1:15566034	SSF x Near_LoA	-8,327	0,106	0,285
CHR1	15566066	CHR1:15566066	SSF x Near_LoA	-5,392	-0,181	0,276
CHR1	15570252	CHR1:15570252	SSF x Near_LoA	-10,907	0,003	0,282
CHR1	15570348	CHR1:15570348	SSF x Near_LoA	-7,322	0,083	0,293
CHR1	15591150	CHR1:15591150	SSF x Near_LoA	-9,423	0,044	0,279
CHR1	15591152	CHR1:15591152	SSF x Near_LoA	-9,142	0,041	0,291
CHR1	15591204	CHR1:15591204	SSF x Near_LoA	-7,308	0,138	0,288
CHR1	15608012	CHR1:15608012	SSF x Near_LoA	-8,323	-0,001	0,287

CHR1	15613614	CHR1:15613614	SSF x Near_LoA	-9,447	-0,042	0,281
CHR1	15613778	CHR1:15613778	SSF x Near_LoA	-9,305	-0,030	0,287
CHR1	15613779	CHR1:15613779	SSF x Near_LoA	-5,774	0,000	0,296
CHR1	15613797	CHR1:15613797	SSF x Near_LoA	-9,003	0,033	0,287
CHR1	15622670	CHR1:15622670	SSF x Near_LoA	-6,582	0,137	0,279
CHR1	15622673	CHR1:15622673	SSF x Near_LoA	-7,484	0,042	0,298
CHR1	15622675	CHR1:15622675	SSF x Near_LoA	-7,210	-0,025	0,300
CHR1	15622678	CHR1:15622678	SSF x Near_LoA	-7,652	0,063	0,289
CHR1	15622705	CHR1:15622705	SSF x Near_LoA	-6,725	-0,088	0,287
CHR1	15622708	CHR1:15622708	SSF x Near_LoA	-6,708	-0,149	0,294
CHR1	15638279	CHR1:15638279	SSF x Near_LoA	-1,813	0,051	0,288
CHR1	15638509	CHR1:15638509	SSF x Near_LoA	-5,751	-0,151	0,293
CHR1	15646223	CHR1:15646223	SSF x Near_LoA	-7,357	0,110	0,277
CHR1	15646226	CHR1:15646226	SSF x Near_LoA	-10,008	-0,007	0,299
CHR1	15646388	CHR1:15646388	SSF x Near_LoA	-8,833	-0,082	0,296
CHR1	15652455	CHR1:15652455	SSF x Near_LoA	-9,667	0,102	0,281
CHR1	15657899	CHR1:15657899	SSF x Near_LoA	-9,196	-0,030	0,310
CHR1	15657951	CHR1:15657951	SSF x Near_LoA	-8,076	-0,056	0,276
CHR1	15657955	CHR1:15657955	SSF x Near_LoA	-7,808	0,015	0,281
CHR1	15657956	CHR1:15657956	SSF x Near_LoA	-6,876	-0,004	0,277
CHR1	15658034	CHR1:15658034	SSF x Near_LoA	-7,103	-0,163	0,279
CHR1	15658043	CHR1:15658043	SSF x Near_LoA	-6,777	-0,113	0,288
CHR1	15667453	CHR1:15667453	SSF x Near_LoA	-9,981	-0,014	0,272
CHR1	15667532	CHR1:15667532	SSF x Near_LoA	-6,875	0,135	0,292
CHR1	15667605	CHR1:15667605	SSF x Near_LoA	-3,460	-0,067	0,288
CHR1	15667611	CHR1:15667611	SSF x Near_LoA	-10,358	-0,052	0,295
CHR1	15667613	CHR1:15667613	SSF x Near_LoA	-8,910	-0,037	0,278
CHR1	15667667	CHR1:15667667	SSF x Near_LoA	-8,047	-0,005	0,293
CHR1	15672603	CHR1:15672603	SSF x Near_LoA	-8,811	-0,158	0,277
CHR1	15683378	CHR1:15683378	SSF x Near_LoA	-7,083	0,162	0,281
CHR1	15683405	CHR1:15683405	SSF x Near_LoA	-6,153	0,111	0,284
CHR1	15683440	CHR1:15683440	SSF x Near_LoA	-6,647	-0,026	0,298
CHR1	15683474	CHR1:15683474	SSF x Near_LoA	-7,796	0,043	0,286
CHR1	15683478	CHR1:15683478	SSF x Near_LoA	-10,001	0,047	0,292
CHR1	15683480	CHR1:15683480	SSF x Near_LoA	-7,710	0,011	0,302
CHR1	15683505	CHR1:15683505	SSF x Near_LoA	-7,037	-0,007	0,285
CHR1	15683548	CHR1:15683548	SSF x Near_LoA	-6,818	-0,092	0,282
CHR1	15683639	CHR1:15683639	SSF x Near_LoA	-7,626	-0,070	0,289
CHR1	15696491	CHR1:15696491	SSF x Near_LoA	-8,981	-0,082	0,267
CHR1	15703721	CHR1:15703721	SSF x Near_LoA	-7,226	-0,046	0,281
CHR1	15703769	CHR1:15703769	SSF x Near_LoA	-8,220	0,031	0,276
CHR1	15703779	CHR1:15703779	SSF x Near_LoA	-8,657	0,080	0,278
CHR1	15707101	CHR1:15707101	SSF x Near_LoA	-4,849	0,158	0,274
CHR1	15707125	CHR1:15707125	SSF x Near_LoA	-9,200	0,066	0,284
CHR1	15707159	CHR1:15707159	SSF x Near_LoA	-9,005	0,000	0,291
CHR1	15707162	CHR1:15707162	SSF x Near_LoA	-8,752	-0,029	0,281
CHR1	15707176	CHR1:15707176	SSF x Near_LoA	-10,035	-0,034	0,281
CHR1	15717719	CHR1:15717719	SSF x Near_LoA	-6,567	-0,151	0,292
CHR1	15722222	CHR1:15722222	SSF x Near_LoA	-7,905	-0,055	0,302
CHR1	15722383	CHR1:15722383	SSF x Near_LoA	-7,862	0,082	0,295
CHR1	15723054	CHR1:15723054	SSF x Near_LoA	-10,136	0,125	0,286
CHR1	15735471	CHR1:15735471	SSF x Near_LoA	-4,849	-0,122	0,272
CHR1	15735504	CHR1:15735504	SSF x Near_LoA	-6,671	-0,061	0,290

CHR1	15735537	CHR1:15735537	SSF x Near_LoA	-8,256	-0,014	0,284
CHR1	15735581	CHR1:15735581	SSF x Near_LoA	-3,965	0,206	0,271
CHR1	15735619	CHR1:15735619	SSF x Near_LoA	-4,305	0,170	0,287
CHR1	15735640	CHR1:15735640	SSF x Near_LoA	-4,315	-0,012	0,307
CHR1	15737554	CHR1:15737554	SSF x Near_LoA	-6,962	-0,089	0,301
CHR1	15737604	CHR1:15737604	SSF x Near_LoA	-8,375	-0,130	0,291
CHR1	15737673	CHR1:15737673	SSF x Near_LoA	-6,144	-0,169	0,291
CHR1	15737726	CHR1:15737726	SSF x Near_LoA	-3,176	0,018	0,299
CHR1	15753710	CHR1:15753710	SSF x Near_LoA	-9,511	-0,039	0,281
CHR1	15753719	CHR1:15753719	SSF x Near_LoA	-7,470	-0,062	0,285
CHR1	15753723	CHR1:15753723	SSF x Near_LoA	-7,849	0,135	0,294
CHR1	15753759	CHR1:15753759	SSF x Near_LoA	-8,123	-0,171	0,274
CHR1	15753791	CHR1:15753791	SSF x Near_LoA	-6,957	0,169	0,281
CHR1	15754205	CHR1:15754205	SSF x Near_LoA	-8,901	-0,052	0,287
CHR1	15761513	CHR1:15761513	SSF x Near_LoA	-8,065	0,068	0,285
CHR1	15761566	CHR1:15761566	SSF x Near_LoA	-8,453	0,002	0,284
CHR1	15766368	CHR1:15766368	SSF x Near_LoA	-3,562	0,059	0,296
CHR1	15766393	CHR1:15766393	SSF x Near_LoA	-9,264	-0,041	0,290
CHR1	15766395	CHR1:15766395	SSF x Near_LoA	-9,813	0,017	0,281
CHR1	15771494	CHR1:15771494	SSF x Near_LoA	-7,697	0,112	0,285
CHR1	15771650	CHR1:15771650	SSF x Near_LoA	-6,850	0,038	0,279
CHR1	15771836	CHR1:15771836	SSF x Near_LoA	-9,347	-0,031	0,287
CHR1	1577407	CHR1:1577407	SSF x Near_LoA	0,782	-0,153	0,298
CHR1	15791384	CHR1:15791384	SSF x Near_LoA	-10,429	0,048	0,277
CHR1	15791443	CHR1:15791443	SSF x Near_LoA	-7,277	-0,169	0,282
CHR1	15791463	CHR1:15791463	SSF x Near_LoA	-8,750	-0,057	0,275
CHR1	15791583	CHR1:15791583	SSF x Near_LoA	-6,018	-0,175	0,285
CHR1	15791590	CHR1:15791590	SSF x Near_LoA	-5,271	0,186	0,276
CHR1	15791865	CHR1:15791865	SSF x Near_LoA	-8,663	-0,198	0,286
CHR1	1579340	CHR1:1579340	SSF x Near_LoA	-10,165	-0,003	0,290
CHR1	1579423	CHR1:1579423	SSF x Near_LoA	-7,955	0,040	0,279
CHR1	15795572	CHR1:15795572	SSF x Near_LoA	-10,880	-0,003	0,287
CHR1	15801644	CHR1:15801644	SSF x Near_LoA	-8,781	-0,148	0,283
CHR1	15801798	CHR1:15801798	SSF x Near_LoA	-5,653	-0,235	0,275
CHR1	15801814	CHR1:15801814	SSF x Near_LoA	-5,768	0,179	0,290
CHR1	15801825	CHR1:15801825	SSF x Near_LoA	-5,731	-0,214	0,287
CHR1	15801831	CHR1:15801831	SSF x Near_LoA	-6,127	-0,244	0,292
CHR1	15801834	CHR1:15801834	SSF x Near_LoA	-5,603	-0,222	0,281
CHR1	15801912	CHR1:15801912	SSF x Near_LoA	2,579	0,122	0,270
CHR1	15811283	CHR1:15811283	SSF x Near_LoA	-10,145	0,031	0,282
CHR1	15811337	CHR1:15811337	SSF x Near_LoA	-6,475	-0,022	0,305
CHR1	15828326	CHR1:15828326	SSF x Near_LoA	-8,688	0,095	0,282
CHR1	15828501	CHR1:15828501	SSF x Near_LoA	-7,553	0,074	0,284
CHR1	15828925	CHR1:15828925	SSF x Near_LoA	-9,114	0,045	0,288
CHR1	15843026	CHR1:15843026	SSF x Near_LoA	-7,648	0,070	0,285
CHR1	1584782	CHR1:1584782	SSF x Near_LoA	-9,801	-0,065	0,272
CHR1	15852498	CHR1:15852498	SSF x Near_LoA	-6,417	0,128	0,285
CHR1	15852633	CHR1:15852633	SSF x Near_LoA	-6,463	0,167	0,279
CHR1	15852640	CHR1:15852640	SSF x Near_LoA	-6,233	-0,117	0,275
CHR1	15852686	CHR1:15852686	SSF x Near_LoA	-9,056	0,024	0,284
CHR1	15867293	CHR1:15867293	SSF x Near_LoA	-5,848	-0,168	0,281
CHR1	15867319	CHR1:15867319	SSF x Near_LoA	-9,380	-0,030	0,292
CHR1	15867321	CHR1:15867321	SSF x Near_LoA	-7,887	0,005	0,283

CHR1	15867411	CHR1:15867411	SSF x Near_LoA	-8,957	-0,019	0,279
CHR1	15869653	CHR1:15869653	SSF x Near_LoA	-9,630	-0,069	0,279
CHR1	15869684	CHR1:15869684	SSF x Near_LoA	-9,882	0,101	0,275
CHR1	1587653	CHR1:1587653	SSF x Near_LoA	-2,664	0,140	0,300
CHR1	1587680	CHR1:1587680	SSF x Near_LoA	-9,747	0,019	0,287
CHR1	1587698	CHR1:1587698	SSF x Near_LoA	-8,995	-0,040	0,275
CHR1	15879971	CHR1:15879971	SSF x Near_LoA	-7,927	-0,004	0,296
CHR1	15882921	CHR1:15882921	SSF x Near_LoA	-5,920	-0,214	0,268
CHR1	15882986	CHR1:15882986	SSF x Near_LoA	-7,790	-0,009	0,278
CHR1	15897459	CHR1:15897459	SSF x Near_LoA	-7,405	0,082	0,294
CHR1	15900053	CHR1:15900053	SSF x Near_LoA	-6,503	-0,082	0,285
CHR1	15900274	CHR1:15900274	SSF x Near_LoA	-9,748	-0,013	0,298
CHR1	15900290	CHR1:15900290	SSF x Near_LoA	-9,439	0,034	0,284
CHR1	15900360	CHR1:15900360	SSF x Near_LoA	-9,717	0,007	0,295
CHR1	15930316	CHR1:15930316	SSF x Near_LoA	-8,781	0,010	0,282
CHR1	15930448	CHR1:15930448	SSF x Near_LoA	-6,809	0,165	0,266
CHR1	15930484	CHR1:15930484	SSF x Near_LoA	-11,230	0,002	0,278
CHR1	15945222	CHR1:15945222	SSF x Near_LoA	-8,786	0,018	0,286
CHR1	15945435	CHR1:15945435	SSF x Near_LoA	-6,547	0,005	0,290
CHR1	15945457	CHR1:15945457	SSF x Near_LoA	-8,145	-0,009	0,279
CHR1	15949500	CHR1:15949500	SSF x Near_LoA	-10,137	-0,009	0,276
CHR1	1595456	CHR1:1595456	SSF x Near_LoA	-5,877	-0,134	0,293
CHR1	15980742	CHR1:15980742	SSF x Near_LoA	-8,268	0,004	0,287
CHR1	15980795	CHR1:15980795	SSF x Near_LoA	-9,517	-0,007	0,285
CHR1	15980853	CHR1:15980853	SSF x Near_LoA	-8,940	-0,070	0,293
CHR1	15981539	CHR1:15981539	SSF x Near_LoA	-8,218	-0,038	0,284
CHR1	15986897	CHR1:15986897	SSF x Near_LoA	-7,795	-0,142	0,282
CHR1	15986968	CHR1:15986968	SSF x Near_LoA	-10,557	-0,030	0,294
CHR1	15987130	CHR1:15987130	SSF x Near_LoA	-8,450	-0,020	0,279
CHR1	15998206	CHR1:15998206	SSF x Near_LoA	-6,830	0,141	0,293
CHR1	15998245	CHR1:15998245	SSF x Near_LoA	-7,544	0,170	0,276
CHR1	15998255	CHR1:15998255	SSF x Near_LoA	-8,072	0,052	0,298
CHR1	15998362	CHR1:15998362	SSF x Near_LoA	-4,464	0,150	0,291
CHR1	15998423	CHR1:15998423	SSF x Near_LoA	-8,538	0,046	0,281
CHR1	16001821	CHR1:16001821	SSF x Near_LoA	-8,382	-0,177	0,283
CHR1	16003815	CHR1:16003815	SSF x Near_LoA	-7,805	0,000	0,283
CHR1	16021793	CHR1:16021793	SSF x Near_LoA	-8,150	-0,065	0,286
CHR1	16030939	CHR1:16030939	SSF x Near_LoA	-8,299	-0,061	0,296
CHR1	1604491	CHR1:1604491	SSF x Near_LoA	-5,442	0,218	0,269
CHR1	1604504	CHR1:1604504	SSF x Near_LoA	-1,938	0,201	0,251
CHR1	1604589	CHR1:1604589	SSF x Near_LoA	-8,963	0,041	0,293
CHR1	16069024	CHR1:16069024	SSF x Near_LoA	-7,322	-0,102	0,280
CHR1	16069410	CHR1:16069410	SSF x Near_LoA	-8,270	0,149	0,281
CHR1	16069480	CHR1:16069480	SSF x Near_LoA	-7,676	0,065	0,268
CHR1	16093432	CHR1:16093432	SSF x Near_LoA	-10,119	-0,032	0,288
CHR1	16102688	CHR1:16102688	SSF x Near_LoA	-9,574	-0,038	0,297
CHR1	16104831	CHR1:16104831	SSF x Near_LoA	-7,401	-0,014	0,285
CHR1	16104863	CHR1:16104863	SSF x Near_LoA	-6,210	0,140	0,301
CHR1	16107493	CHR1:16107493	SSF x Near_LoA	-10,708	0,005	0,282
CHR1	16119518	CHR1:16119518	SSF x Near_LoA	-9,151	-0,006	0,298
CHR1	16137047	CHR1:16137047	SSF x Near_LoA	-6,709	-0,200	0,274
CHR1	16137095	CHR1:16137095	SSF x Near_LoA	-8,189	-0,127	0,293
CHR1	16137150	CHR1:16137150	SSF x Near_LoA	-5,292	0,158	0,279

CHR1	16142068	CHR1:16142068	SSF x Near_LoA	-1,714	0,172	0,280
CHR1	16142096	CHR1:16142096	SSF x Near_LoA	-8,907	-0,053	0,291
CHR1	16142182	CHR1:16142182	SSF x Near_LoA	-6,660	-0,056	0,291
CHR1	16142189	CHR1:16142189	SSF x Near_LoA	-8,241	-0,114	0,288
CHR1	16152380	CHR1:16152380	SSF x Near_LoA	-8,782	-0,037	0,282
CHR1	16152395	CHR1:16152395	SSF x Near_LoA	-8,183	-0,034	0,282
CHR1	16161619	CHR1:16161619	SSF x Near_LoA	-8,485	0,068	0,285
CHR1	1616323	CHR1:1616323	SSF x Near_LoA	-4,546	0,163	0,284
CHR1	16165524	CHR1:16165524	SSF x Near_LoA	-8,534	0,013	0,285
CHR1	16165552	CHR1:16165552	SSF x Near_LoA	-6,042	-0,154	0,289
CHR1	16165656	CHR1:16165656	SSF x Near_LoA	-7,873	-0,020	0,279
CHR1	16189415	CHR1:16189415	SSF x Near_LoA	-9,486	0,051	0,281
CHR1	16189537	CHR1:16189537	SSF x Near_LoA	-6,962	-0,062	0,288
CHR1	16189564	CHR1:16189564	SSF x Near_LoA	-8,526	0,158	0,278
CHR1	16191254	CHR1:16191254	SSF x Near_LoA	-5,670	-0,111	0,301
CHR1	16191290	CHR1:16191290	SSF x Near_LoA	-10,667	0,054	0,281
CHR1	16198728	CHR1:16198728	SSF x Near_LoA	-9,554	-0,036	0,289
CHR1	16198830	CHR1:16198830	SSF x Near_LoA	-8,572	0,057	0,285
CHR1	16200018	CHR1:16200018	SSF x Near_LoA	-7,847	0,025	0,293
CHR1	16200076	CHR1:16200076	SSF x Near_LoA	-7,100	-0,029	0,290
CHR1	16200159	CHR1:16200159	SSF x Near_LoA	-8,507	-0,064	0,288
CHR1	16200229	CHR1:16200229	SSF x Near_LoA	-3,365	0,196	0,274
CHR1	1621790	CHR1:1621790	SSF x Near_LoA	-6,678	0,018	0,287
CHR1	1621893	CHR1:1621893	SSF x Near_LoA	-9,507	0,007	0,290
CHR1	1621904	CHR1:1621904	SSF x Near_LoA	-5,092	-0,126	0,283
CHR1	16226771	CHR1:16226771	SSF x Near_LoA	-7,264	-0,123	0,291
CHR1	16231868	CHR1:16231868	SSF x Near_LoA	-6,642	0,024	0,293
CHR1	16231941	CHR1:16231941	SSF x Near_LoA	-7,897	0,050	0,283
CHR1	16231962	CHR1:16231962	SSF x Near_LoA	-10,052	-0,036	0,290
CHR1	16231985	CHR1:16231985	SSF x Near_LoA	-6,333	0,048	0,278
CHR1	16231990	CHR1:16231990	SSF x Near_LoA	-9,945	0,003	0,277
CHR1	16232030	CHR1:16232030	SSF x Near_LoA	-6,685	0,022	0,294
CHR1	16232036	CHR1:16232036	SSF x Near_LoA	-10,827	0,024	0,283
CHR1	16232066	CHR1:16232066	SSF x Near_LoA	-2,259	0,135	0,284
CHR1	16260379	CHR1:16260379	SSF x Near_LoA	-6,495	0,054	0,286
CHR1	16260438	CHR1:16260438	SSF x Near_LoA	-6,653	0,054	0,299
CHR1	16260445	CHR1:16260445	SSF x Near_LoA	-8,896	0,148	0,280
CHR1	16260597	CHR1:16260597	SSF x Near_LoA	-8,034	-0,079	0,292
CHR1	16260612	CHR1:16260612	SSF x Near_LoA	-4,122	-0,098	0,286
CHR1	16291742	CHR1:16291742	SSF x Near_LoA	-7,764	0,048	0,295
CHR1	16312207	CHR1:16312207	SSF x Near_LoA	-10,475	0,015	0,294
CHR1	16312247	CHR1:16312247	SSF x Near_LoA	-7,338	-0,012	0,298
CHR1	16313236	CHR1:16313236	SSF x Near_LoA	-8,861	0,137	0,283
CHR1	1631730	CHR1:1631730	SSF x Near_LoA	-10,787	0,009	0,273
CHR1	1631924	CHR1:1631924	SSF x Near_LoA	-9,023	-0,036	0,272
CHR1	1632090	CHR1:1632090	SSF x Near_LoA	-7,729	0,128	0,268
CHR1	16332225	CHR1:16332225	SSF x Near_LoA	-7,775	-0,028	0,278
CHR1	16335671	CHR1:16335671	SSF x Near_LoA	-7,841	0,037	0,278
CHR1	16335681	CHR1:16335681	SSF x Near_LoA	-10,081	-0,024	0,281
CHR1	16339222	CHR1:16339222	SSF x Near_LoA	-5,907	-0,037	0,296
CHR1	16339231	CHR1:16339231	SSF x Near_LoA	-8,841	-0,054	0,295
CHR1	16339281	CHR1:16339281	SSF x Near_LoA	-5,828	-0,031	0,286
CHR1	16344464	CHR1:16344464	SSF x Near_LoA	-7,244	-0,059	0,290

CHR1	16344468	CHR1:16344468	SSF x Near_LoA	-6,295	0,082	0,299
CHR1	16344551	CHR1:16344551	SSF x Near_LoA	-7,321	0,134	0,299
CHR1	16344568	CHR1:16344568	SSF x Near_LoA	-6,655	-0,132	0,275
CHR1	16344729	CHR1:16344729	SSF x Near_LoA	-9,025	-0,033	0,283
CHR1	16347670	CHR1:16347670	SSF x Near_LoA	-4,658	0,150	0,276
CHR1	16349978	CHR1:16349978	SSF x Near_LoA	-9,257	-0,090	0,273
CHR1	16350135	CHR1:16350135	SSF x Near_LoA	-7,840	-0,061	0,286
CHR1	16355673	CHR1:16355673	SSF x Near_LoA	-5,074	0,170	0,270
CHR1	16355716	CHR1:16355716	SSF x Near_LoA	-5,216	-0,166	0,272
CHR1	16355746	CHR1:16355746	SSF x Near_LoA	-8,630	0,103	0,276
CHR1	16355756	CHR1:16355756	SSF x Near_LoA	-7,820	-0,001	0,285
CHR1	16355808	CHR1:16355808	SSF x Near_LoA	-8,254	0,154	0,280
CHR1	16361947	CHR1:16361947	SSF x Near_LoA	-5,381	0,028	0,302
CHR1	1637488	CHR1:1637488	SSF x Near_LoA	-8,918	0,011	0,287
CHR1	1637491	CHR1:1637491	SSF x Near_LoA	-7,641	0,053	0,286
CHR1	1637566	CHR1:1637566	SSF x Near_LoA	-7,779	0,012	0,276
CHR1	16401248	CHR1:16401248	SSF x Near_LoA	-7,161	0,169	0,272
CHR1	1646970	CHR1:1646970	SSF x Near_LoA	-8,010	-0,092	0,272
CHR1	1647114	CHR1:1647114	SSF x Near_LoA	-6,863	0,027	0,285
CHR1	1649409	CHR1:1649409	SSF x Near_LoA	-6,791	-0,053	0,279
CHR1	1652128	CHR1:1652128	SSF x Near_LoA	-8,065	0,103	0,292
CHR1	1652839	CHR1:1652839	SSF x Near_LoA	-9,684	-0,037	0,276
CHR1	1652854	CHR1:1652854	SSF x Near_LoA	-9,397	-0,007	0,297
CHR1	1654246	CHR1:1654246	SSF x Near_LoA	-8,300	-0,084	0,289
CHR1	1654253	CHR1:1654253	SSF x Near_LoA	-6,666	-0,068	0,293
CHR1	1654264	CHR1:1654264	SSF x Near_LoA	-8,649	-0,055	0,301
CHR1	1654268	CHR1:1654268	SSF x Near_LoA	-1,859	-0,026	0,303
CHR1	1654310	CHR1:1654310	SSF x Near_LoA	-7,373	0,026	0,298
CHR1	1654325	CHR1:1654325	SSF x Near_LoA	-8,338	0,012	0,286
CHR1	1654343	CHR1:1654343	SSF x Near_LoA	0,685	0,128	0,289
CHR1	1654517	CHR1:1654517	SSF x Near_LoA	-7,415	-0,110	0,301
CHR1	1659598	CHR1:1659598	SSF x Near_LoA	-6,434	-0,083	0,289
CHR1	1659716	CHR1:1659716	SSF x Near_LoA	-5,999	-0,180	0,287
CHR1	1659816	CHR1:1659816	SSF x Near_LoA	-10,368	0,020	0,280
CHR1	1659817	CHR1:1659817	SSF x Near_LoA	-7,112	0,136	0,275
CHR1	1659820	CHR1:1659820	SSF x Near_LoA	-8,041	0,140	0,289
CHR1	1663751	CHR1:1663751	SSF x Near_LoA	-7,970	0,113	0,280
CHR1	1663824	CHR1:1663824	SSF x Near_LoA	-6,097	0,163	0,288
CHR1	1663844	CHR1:1663844	SSF x Near_LoA	4,915	0,081	0,283
CHR1	1664044	CHR1:1664044	SSF x Near_LoA	-8,379	0,030	0,280
CHR1	1664051	CHR1:1664051	SSF x Near_LoA	-9,151	-0,083	0,283
CHR1	1669972	CHR1:1669972	SSF x Near_LoA	-9,434	0,042	0,289
CHR1	1672360	CHR1:1672360	SSF x Near_LoA	-8,954	-0,070	0,284
CHR1	1672487	CHR1:1672487	SSF x Near_LoA	-3,814	-0,114	0,275
CHR1	1672512	CHR1:1672512	SSF x Near_LoA	-9,444	0,001	0,277
CHR1	1672576	CHR1:1672576	SSF x Near_LoA	-8,268	0,049	0,277
CHR1	1672665	CHR1:1672665	SSF x Near_LoA	-10,125	-0,013	0,286
CHR1	1672773	CHR1:1672773	SSF x Near_LoA	-7,727	0,086	0,290
CHR1	1672830	CHR1:1672830	SSF x Near_LoA	-8,520	0,080	0,295
CHR1	1687457	CHR1:1687457	SSF x Near_LoA	-9,991	-0,046	0,289
CHR1	1692230	CHR1:1692230	SSF x Near_LoA	-8,550	-0,144	0,280
CHR1	1695566	CHR1:1695566	SSF x Near_LoA	-9,781	0,101	0,286
CHR1	1695570	CHR1:1695570	SSF x Near_LoA	-9,194	0,026	0,297

CHR1	1695608	CHR1:1695608	SSF x Near_LoA	-8,457	-0,021	0,275
CHR1	1695638	CHR1:1695638	SSF x Near_LoA	-7,853	0,075	0,302
CHR1	1695719	CHR1:1695719	SSF x Near_LoA	-5,584	0,018	0,282
CHR1	1703691	CHR1:1703691	SSF x Near_LoA	-8,789	0,061	0,287
CHR1	1712581	CHR1:1712581	SSF x Near_LoA	-7,821	-0,005	0,281
CHR1	1712692	CHR1:1712692	SSF x Near_LoA	-6,183	0,125	0,287
CHR1	1712788	CHR1:1712788	SSF x Near_LoA	-6,934	0,116	0,294
CHR1	1715257	CHR1:1715257	SSF x Near_LoA	-8,428	0,050	0,285
CHR1	1715307	CHR1:1715307	SSF x Near_LoA	-4,860	-0,231	0,266
CHR1	1715459	CHR1:1715459	SSF x Near_LoA	-8,600	0,036	0,283
CHR1	1719118	CHR1:1719118	SSF x Near_LoA	-7,867	0,086	0,277
CHR1	1719258	CHR1:1719258	SSF x Near_LoA	-7,858	0,024	0,293
CHR1	1720196	CHR1:1720196	SSF x Near_LoA	-7,626	-0,036	0,276
CHR1	1720233	CHR1:1720233	SSF x Near_LoA	-6,477	0,022	0,302
CHR1	1727537	CHR1:1727537	SSF x Near_LoA	-8,305	-0,011	0,289
CHR1	1727547	CHR1:1727547	SSF x Near_LoA	-8,940	-0,026	0,285
CHR1	1727572	CHR1:1727572	SSF x Near_LoA	-8,431	-0,015	0,291
CHR1	1727598	CHR1:1727598	SSF x Near_LoA	-7,992	0,012	0,286
CHR1	1727688	CHR1:1727688	SSF x Near_LoA	-5,883	0,069	0,268
CHR1	1727689	CHR1:1727689	SSF x Near_LoA	-6,923	0,047	0,286
CHR1	1727746	CHR1:1727746	SSF x Near_LoA	-7,838	0,056	0,286
CHR1	1733290	CHR1:1733290	SSF x Near_LoA	-8,176	-0,135	0,271
CHR1	1733428	CHR1:1733428	SSF x Near_LoA	-4,823	-0,098	0,290
CHR1	1733430	CHR1:1733430	SSF x Near_LoA	-6,315	-0,076	0,289
CHR1	1735268	CHR1:1735268	SSF x Near_LoA	-10,124	0,042	0,287
CHR1	1735425	CHR1:1735425	SSF x Near_LoA	-8,792	0,063	0,273
CHR1	1740034	CHR1:1740034	SSF x Near_LoA	-8,306	-0,140	0,276
CHR1	1740050	CHR1:1740050	SSF x Near_LoA	-8,420	0,060	0,280
CHR1	1740064	CHR1:1740064	SSF x Near_LoA	-10,104	0,029	0,283
CHR1	1767290	CHR1:1767290	SSF x Near_LoA	-8,044	-0,201	0,272
CHR1	1767397	CHR1:1767397	SSF x Near_LoA	-9,586	-0,038	0,282
CHR1	1768587	CHR1:1768587	SSF x Near_LoA	-7,937	0,185	0,265
CHR1	1768590	CHR1:1768590	SSF x Near_LoA	-10,848	-0,001	0,288
CHR1	1775383	CHR1:1775383	SSF x Near_LoA	-8,841	0,031	0,290
CHR1	1775740	CHR1:1775740	SSF x Near_LoA	-7,214	-0,062	0,291
CHR1	1811151	CHR1:1811151	SSF x Near_LoA	-8,649	0,038	0,293
CHR1	1811221	CHR1:1811221	SSF x Near_LoA	-8,768	0,082	0,279
CHR1	1811223	CHR1:1811223	SSF x Near_LoA	-7,185	0,092	0,287
CHR1	1821509	CHR1:1821509	SSF x Near_LoA	-10,223	-0,020	0,279
CHR1	1821551	CHR1:1821551	SSF x Near_LoA	-9,146	-0,010	0,290
CHR1	1821556	CHR1:1821556	SSF x Near_LoA	-8,723	-0,007	0,282
CHR1	1821557	CHR1:1821557	SSF x Near_LoA	-9,422	0,005	0,285
CHR1	1821648	CHR1:1821648	SSF x Near_LoA	-8,861	0,022	0,278
CHR1	1821750	CHR1:1821750	SSF x Near_LoA	-7,424	-0,050	0,289
CHR1	1821763	CHR1:1821763	SSF x Near_LoA	-9,329	0,024	0,280
CHR1	1823538	CHR1:1823538	SSF x Near_LoA	0,096	0,148	0,285
CHR1	1826407	CHR1:1826407	SSF x Near_LoA	-8,348	0,084	0,297
CHR1	1827922	CHR1:1827922	SSF x Near_LoA	-8,870	-0,016	0,298
CHR1	1830776	CHR1:1830776	SSF x Near_LoA	-6,057	-0,204	0,265
CHR1	1830777	CHR1:1830777	SSF x Near_LoA	-4,712	0,236	0,265
CHR1	1830803	CHR1:1830803	SSF x Near_LoA	-6,146	0,129	0,287
CHR1	1830955	CHR1:1830955	SSF x Near_LoA	-5,367	-0,113	0,293
CHR1	1830993	CHR1:1830993	SSF x Near_LoA	-7,513	-0,035	0,291

CHR1	1831020	CHR1:1831020	SSF x Near_LoA	-8,823	0,008	0,288
CHR1	1831124	CHR1:1831124	SSF x Near_LoA	-1,804	0,217	0,282
CHR1	1831146	CHR1:1831146	SSF x Near_LoA	-7,332	-0,170	0,277
CHR1	1831152	CHR1:1831152	SSF x Near_LoA	-8,069	0,002	0,300
CHR1	1831178	CHR1:1831178	SSF x Near_LoA	-8,791	0,116	0,275
CHR1	1831202	CHR1:1831202	SSF x Near_LoA	-7,631	0,065	0,295
CHR1	1831231	CHR1:1831231	SSF x Near_LoA	-7,295	0,017	0,307
CHR1	1842675	CHR1:1842675	SSF x Near_LoA	-6,638	-0,091	0,279
CHR1	1842782	CHR1:1842782	SSF x Near_LoA	-7,345	0,008	0,278
CHR1	1842885	CHR1:1842885	SSF x Near_LoA	-7,799	0,011	0,275
CHR1	1843073	CHR1:1843073	SSF x Near_LoA	-7,908	-0,062	0,285
CHR1	1846837	CHR1:1846837	SSF x Near_LoA	-8,480	-0,099	0,262
CHR1	1846893	CHR1:1846893	SSF x Near_LoA	-7,745	0,076	0,258
CHR1	1846915	CHR1:1846915	SSF x Near_LoA	-8,541	-0,099	0,273
CHR1	1848396	CHR1:1848396	SSF x Near_LoA	-9,948	-0,011	0,293
CHR1	1848399	CHR1:1848399	SSF x Near_LoA	-2,176	0,121	0,285
CHR1	1848402	CHR1:1848402	SSF x Near_LoA	-8,027	0,045	0,298
CHR1	1848440	CHR1:1848440	SSF x Near_LoA	-8,831	-0,173	0,280
CHR1	1858150	CHR1:1858150	SSF x Near_LoA	-7,471	-0,041	0,281
CHR1	1858165	CHR1:1858165	SSF x Near_LoA	-7,786	-0,093	0,288
CHR1	1858167	CHR1:1858167	SSF x Near_LoA	-7,714	-0,059	0,274
CHR1	1858208	CHR1:1858208	SSF x Near_LoA	-4,452	0,240	0,265
CHR1	1858224	CHR1:1858224	SSF x Near_LoA	-7,827	0,020	0,277
CHR1	1858245	CHR1:1858245	SSF x Near_LoA	-8,902	-0,071	0,261
CHR1	1858285	CHR1:1858285	SSF x Near_LoA	-7,974	-0,079	0,268
CHR1	1858353	CHR1:1858353	SSF x Near_LoA	-8,362	-0,057	0,267
CHR1	1890619	CHR1:1890619	SSF x Near_LoA	-8,745	0,113	0,292
CHR1	1890686	CHR1:1890686	SSF x Near_LoA	-8,626	-0,057	0,273
CHR1	1890696	CHR1:1890696	SSF x Near_LoA	-7,913	-0,042	0,285
CHR1	1890835	CHR1:1890835	SSF x Near_LoA	-8,753	0,064	0,274
CHR1	1891867	CHR1:1891867	SSF x Near_LoA	-7,556	-0,037	0,298
CHR1	1891876	CHR1:1891876	SSF x Near_LoA	-8,899	-0,085	0,291
CHR1	1902482	CHR1:1902482	SSF x Near_LoA	-8,238	-0,016	0,290
CHR1	1902609	CHR1:1902609	SSF x Near_LoA	-7,536	0,038	0,291
CHR1	1902644	CHR1:1902644	SSF x Near_LoA	-6,672	-0,047	0,287
CHR1	1902647	CHR1:1902647	SSF x Near_LoA	-9,080	-0,102	0,286
CHR1	1902650	CHR1:1902650	SSF x Near_LoA	-7,019	0,044	0,287
CHR1	1902653	CHR1:1902653	SSF x Near_LoA	-5,966	-0,063	0,292
CHR1	1902685	CHR1:1902685	SSF x Near_LoA	-7,666	0,037	0,276
CHR1	1930989	CHR1:1930989	SSF x Near_LoA	-7,235	0,076	0,294
CHR1	1946283	CHR1:1946283	SSF x Near_LoA	-9,349	0,007	0,285
CHR1	1946288	CHR1:1946288	SSF x Near_LoA	-4,324	0,203	0,269
CHR1	1946335	CHR1:1946335	SSF x Near_LoA	-8,136	-0,017	0,294
CHR1	1952969	CHR1:1952969	SSF x Near_LoA	-5,317	0,134	0,301
CHR1	1977401	CHR1:1977401	SSF x Near_LoA	-4,084	0,201	0,273
CHR1	1977423	CHR1:1977423	SSF x Near_LoA	-6,342	0,175	0,278
CHR1	1977510	CHR1:1977510	SSF x Near_LoA	-2,407	0,254	0,251
CHR1	1977599	CHR1:1977599	SSF x Near_LoA	-7,537	-0,068	0,284
CHR1	1977642	CHR1:1977642	SSF x Near_LoA	3,695	0,170	0,284
CHR1	1980386	CHR1:1980386	SSF x Near_LoA	-8,742	0,000	0,299
CHR1	1980797	CHR1:1980797	SSF x Near_LoA	-10,512	0,010	0,283
CHR1	1996773	CHR1:1996773	SSF x Near_LoA	-6,181	-0,166	0,274
CHR1	1996900	CHR1:1996900	SSF x Near_LoA	-9,837	-0,011	0,296

CHR1	1996901	CHR1:1996901	SSF x Near_LoA	-11,133	-0,039	0,283
CHR1	1996907	CHR1:1996907	SSF x Near_LoA	-7,269	-0,127	0,293
CHR1	1996974	CHR1:1996974	SSF x Near_LoA	-10,018	-0,061	0,291
CHR1	1997050	CHR1:1997050	SSF x Near_LoA	-6,827	0,116	0,282
CHR1	2019946	CHR1:2019946	SSF x Near_LoA	-9,674	-0,018	0,294
CHR1	2020070	CHR1:2020070	SSF x Near_LoA	-3,846	0,178	0,279
CHR1	2020148	CHR1:2020148	SSF x Near_LoA	-9,864	-0,017	0,297
CHR1	2020171	CHR1:2020171	SSF x Near_LoA	-9,724	0,051	0,280
CHR1	2020222	CHR1:2020222	SSF x Near_LoA	-9,415	-0,043	0,299
CHR1	2030671	CHR1:2030671	SSF x Near_LoA	-10,104	0,062	0,280
CHR1	2030811	CHR1:2030811	SSF x Near_LoA	-6,752	0,130	0,283
CHR1	2033865	CHR1:2033865	SSF x Near_LoA	-10,485	-0,007	0,289
CHR1	2033867	CHR1:2033867	SSF x Near_LoA	-8,575	-0,003	0,285
CHR1	2033898	CHR1:2033898	SSF x Near_LoA	-8,131	-0,023	0,286
CHR1	2034007	CHR1:2034007	SSF x Near_LoA	-11,082	0,047	0,269
CHR1	2034204	CHR1:2034204	SSF x Near_LoA	-9,960	0,107	0,290
CHR1	2037841	CHR1:2037841	SSF x Near_LoA	-8,315	-0,106	0,275
CHR1	2044571	CHR1:2044571	SSF x Near_LoA	-9,567	-0,054	0,278
CHR1	2044586	CHR1:2044586	SSF x Near_LoA	-9,875	-0,040	0,293
CHR1	2044659	CHR1:2044659	SSF x Near_LoA	-8,651	0,145	0,281
CHR1	2044720	CHR1:2044720	SSF x Near_LoA	0,079	-0,293	0,268
CHR1	2044765	CHR1:2044765	SSF x Near_LoA	-5,666	-0,176	0,273
CHR1	2044769	CHR1:2044769	SSF x Near_LoA	-4,630	-0,222	0,270
CHR1	2044793	CHR1:2044793	SSF x Near_LoA	-4,087	0,213	0,283
CHR1	2044802	CHR1:2044802	SSF x Near_LoA	-2,120	-0,094	0,295
CHR1	2044859	CHR1:2044859	SSF x Near_LoA	-7,341	-0,163	0,281
CHR1	2054137	CHR1:2054137	SSF x Near_LoA	-5,275	-0,084	0,277
CHR1	2054675	CHR1:2054675	SSF x Near_LoA	-9,732	0,013	0,264
CHR1	2092513	CHR1:2092513	SSF x Near_LoA	-9,660	0,105	0,277
CHR1	2092553	CHR1:2092553	SSF x Near_LoA	-7,463	-0,081	0,297
CHR1	2092558	CHR1:2092558	SSF x Near_LoA	-7,616	-0,039	0,285
CHR1	2092600	CHR1:2092600	SSF x Near_LoA	-9,572	0,034	0,282
CHR1	2092685	CHR1:2092685	SSF x Near_LoA	-7,118	-0,026	0,302
CHR1	2093859	CHR1:2093859	SSF x Near_LoA	-9,058	0,000	0,281
CHR1	2093920	CHR1:2093920	SSF x Near_LoA	-8,079	-0,032	0,285
CHR1	2097747	CHR1:2097747	SSF x Near_LoA	-7,610	0,078	0,283
CHR1	2097748	CHR1:2097748	SSF x Near_LoA	-7,330	0,086	0,290
CHR1	2097833	CHR1:2097833	SSF x Near_LoA	-7,164	0,037	0,292
CHR1	2102441	CHR1:2102441	SSF x Near_LoA	-9,445	0,046	0,298
CHR1	2102486	CHR1:2102486	SSF x Near_LoA	-6,273	0,133	0,276
CHR1	2102517	CHR1:2102517	SSF x Near_LoA	-5,506	-0,148	0,270
CHR1	2118035	CHR1:2118035	SSF x Near_LoA	-8,824	-0,036	0,299
CHR1	2122223	CHR1:2122223	SSF x Near_LoA	-8,470	-0,013	0,280
CHR1	2129494	CHR1:2129494	SSF x Near_LoA	-5,872	0,169	0,281
CHR1	2148399	CHR1:2148399	SSF x Near_LoA	-0,779	0,154	0,258
CHR1	2178531	CHR1:2178531	SSF x Near_LoA	-7,412	0,079	0,285
CHR1	2185733	CHR1:2185733	SSF x Near_LoA	-7,907	0,017	0,299
CHR1	2185952	CHR1:2185952	SSF x Near_LoA	-7,066	-0,016	0,273
CHR1	2185985	CHR1:2185985	SSF x Near_LoA	-6,168	-0,059	0,276
CHR1	2187596	CHR1:2187596	SSF x Near_LoA	-9,049	0,023	0,279
CHR1	2187747	CHR1:2187747	SSF x Near_LoA	-8,085	-0,078	0,284
CHR1	2212233	CHR1:2212233	SSF x Near_LoA	-9,800	0,045	0,298
CHR1	2212310	CHR1:2212310	SSF x Near_LoA	-4,111	-0,010	0,291

CHR1	2212424	CHR1:2212424	SSF x Near_LoA	-7,759	0,077	0,283
CHR1	2214237	CHR1:2214237	SSF x Near_LoA	-6,747	0,133	0,278
CHR1	2217209	CHR1:2217209	SSF x Near_LoA	-9,021	-0,041	0,271
CHR1	2242059	CHR1:2242059	SSF x Near_LoA	-8,851	-0,101	0,290
CHR1	2245454	CHR1:2245454	SSF x Near_LoA	-10,503	-0,040	0,274
CHR1	2245533	CHR1:2245533	SSF x Near_LoA	-1,323	-0,036	0,303
CHR1	2245801	CHR1:2245801	SSF x Near_LoA	-7,166	0,100	0,259
CHR1	2245814	CHR1:2245814	SSF x Near_LoA	-7,067	-0,028	0,295
CHR1	2245819	CHR1:2245819	SSF x Near_LoA	-11,403	-0,020	0,284
CHR1	2259304	CHR1:2259304	SSF x Near_LoA	-8,478	0,044	0,298
CHR1	2259551	CHR1:2259551	SSF x Near_LoA	-8,440	-0,012	0,282
CHR1	2259561	CHR1:2259561	SSF x Near_LoA	-7,559	-0,026	0,285
CHR1	2259588	CHR1:2259588	SSF x Near_LoA	0,205	0,261	0,275
CHR1	2265514	CHR1:2265514	SSF x Near_LoA	-7,272	0,045	0,296
CHR1	2265622	CHR1:2265622	SSF x Near_LoA	-7,861	0,054	0,286
CHR1	2265647	CHR1:2265647	SSF x Near_LoA	-9,126	-0,046	0,293
CHR1	2265664	CHR1:2265664	SSF x Near_LoA	-8,711	-0,107	0,296
CHR1	2265665	CHR1:2265665	SSF x Near_LoA	-10,919	0,014	0,283
CHR1	2267313	CHR1:2267313	SSF x Near_LoA	-5,785	0,173	0,290
CHR1	2267346	CHR1:2267346	SSF x Near_LoA	-8,369	-0,018	0,287
CHR1	2267387	CHR1:2267387	SSF x Near_LoA	-9,783	0,060	0,280
CHR1	2268602	CHR1:2268602	SSF x Near_LoA	-9,041	-0,037	0,281
CHR1	2268860	CHR1:2268860	SSF x Near_LoA	-8,276	-0,034	0,276
CHR1	2289438	CHR1:2289438	SSF x Near_LoA	-8,389	-0,087	0,271
CHR1	2294241	CHR1:2294241	SSF x Near_LoA	-10,843	-0,008	0,265
CHR1	2294354	CHR1:2294354	SSF x Near_LoA	-5,495	0,066	0,280
CHR1	2294498	CHR1:2294498	SSF x Near_LoA	-7,174	0,039	0,291
CHR1	2294522	CHR1:2294522	SSF x Near_LoA	-8,787	-0,131	0,284
CHR1	2294551	CHR1:2294551	SSF x Near_LoA	-9,967	-0,004	0,277
CHR1	2306131	CHR1:2306131	SSF x Near_LoA	-7,708	-0,027	0,295
CHR1	2306328	CHR1:2306328	SSF x Near_LoA	-9,916	0,014	0,279
CHR1	2306478	CHR1:2306478	SSF x Near_LoA	-9,226	0,038	0,289
CHR1	2306479	CHR1:2306479	SSF x Near_LoA	-7,532	0,042	0,282
CHR1	2306522	CHR1:2306522	SSF x Near_LoA	-8,104	-0,067	0,288
CHR1	2338458	CHR1:2338458	SSF x Near_LoA	-8,661	0,011	0,299
CHR1	2342591	CHR1:2342591	SSF x Near_LoA	-9,088	0,007	0,290
CHR1	2342653	CHR1:2342653	SSF x Near_LoA	-7,592	0,055	0,284
CHR1	2342669	CHR1:2342669	SSF x Near_LoA	-6,226	0,126	0,280
CHR1	2342745	CHR1:2342745	SSF x Near_LoA	-8,315	-0,098	0,287
CHR1	2342795	CHR1:2342795	SSF x Near_LoA	0,658	-0,256	0,266
CHR1	2342823	CHR1:2342823	SSF x Near_LoA	-6,062	0,122	0,289
CHR1	2342900	CHR1:2342900	SSF x Near_LoA	-8,562	0,094	0,295
CHR1	2346289	CHR1:2346289	SSF x Near_LoA	-6,805	-0,102	0,296
CHR1	2346472	CHR1:2346472	SSF x Near_LoA	-7,573	-0,032	0,292
CHR1	2346490	CHR1:2346490	SSF x Near_LoA	-6,538	0,071	0,289
CHR1	2346517	CHR1:2346517	SSF x Near_LoA	-8,842	-0,091	0,293
CHR1	2367170	CHR1:2367170	SSF x Near_LoA	-9,383	-0,010	0,286
CHR1	2367279	CHR1:2367279	SSF x Near_LoA	-6,591	-0,094	0,290
CHR1	2367427	CHR1:2367427	SSF x Near_LoA	-8,476	-0,133	0,297
CHR1	2371539	CHR1:2371539	SSF x Near_LoA	-9,175	0,061	0,298
CHR1	2371672	CHR1:2371672	SSF x Near_LoA	-8,157	-0,016	0,279
CHR1	2387207	CHR1:2387207	SSF x Near_LoA	-8,712	-0,057	0,272
CHR1	2387266	CHR1:2387266	SSF x Near_LoA	-9,470	-0,129	0,275

CHR1	2387403	CHR1:2387403	SSF x Near_LoA	-9,630	0,053	0,292
CHR1	2387609	CHR1:2387609	SSF x Near_LoA	-5,162	-0,163	0,277
CHR1	2402726	CHR1:2402726	SSF x Near_LoA	-7,723	-0,112	0,284
CHR1	2402999	CHR1:2402999	SSF x Near_LoA	-7,604	0,057	0,296
CHR1	2403068	CHR1:2403068	SSF x Near_LoA	-10,224	-0,102	0,282
CHR1	2412258	CHR1:2412258	SSF x Near_LoA	-7,202	-0,003	0,277
CHR1	2414517	CHR1:2414517	SSF x Near_LoA	-9,728	-0,012	0,290
CHR1	2414689	CHR1:2414689	SSF x Near_LoA	-9,850	-0,094	0,293
CHR1	2414721	CHR1:2414721	SSF x Near_LoA	-9,404	-0,024	0,282
CHR1	2429833	CHR1:2429833	SSF x Near_LoA	-6,116	0,155	0,276
CHR1	2430515	CHR1:2430515	SSF x Near_LoA	-6,078	-0,114	0,289
CHR1	2430527	CHR1:2430527	SSF x Near_LoA	-6,817	-0,092	0,293
CHR1	2430535	CHR1:2430535	SSF x Near_LoA	-8,010	-0,078	0,273
CHR1	2456193	CHR1:2456193	SSF x Near_LoA	-5,431	-0,158	0,287
CHR1	2473536	CHR1:2473536	SSF x Near_LoA	-8,441	0,041	0,289
CHR1	2473545	CHR1:2473545	SSF x Near_LoA	-8,296	-0,121	0,285
CHR1	2473613	CHR1:2473613	SSF x Near_LoA	-7,968	-0,066	0,265
CHR1	2473671	CHR1:2473671	SSF x Near_LoA	-6,583	0,243	0,293
CHR1	2480387	CHR1:2480387	SSF x Near_LoA	-9,953	-0,044	0,288
CHR1	2480446	CHR1:2480446	SSF x Near_LoA	-8,783	0,084	0,285
CHR1	2480451	CHR1:2480451	SSF x Near_LoA	-6,279	-0,096	0,271
CHR1	2480467	CHR1:2480467	SSF x Near_LoA	-9,293	-0,050	0,290
CHR1	2480468	CHR1:2480468	SSF x Near_LoA	-9,636	-0,073	0,282
CHR1	2480473	CHR1:2480473	SSF x Near_LoA	-8,181	-0,043	0,287
CHR1	2480598	CHR1:2480598	SSF x Near_LoA	-6,804	-0,139	0,271
CHR1	2488268	CHR1:2488268	SSF x Near_LoA	-8,400	-0,038	0,277
CHR1	2488289	CHR1:2488289	SSF x Near_LoA	-9,969	-0,031	0,286
CHR1	2488323	CHR1:2488323	SSF x Near_LoA	-8,774	-0,054	0,283
CHR1	2488325	CHR1:2488325	SSF x Near_LoA	-9,315	0,001	0,269
CHR1	2488351	CHR1:2488351	SSF x Near_LoA	-10,404	-0,090	0,282
CHR1	2488416	CHR1:2488416	SSF x Near_LoA	-5,345	0,084	0,300
CHR1	2488455	CHR1:2488455	SSF x Near_LoA	-7,205	0,118	0,297
CHR1	2488470	CHR1:2488470	SSF x Near_LoA	-9,804	-0,006	0,279
CHR1	2493056	CHR1:2493056	SSF x Near_LoA	-10,830	0,004	0,293
CHR1	2493076	CHR1:2493076	SSF x Near_LoA	-8,154	-0,021	0,278
CHR1	2493098	CHR1:2493098	SSF x Near_LoA	-8,163	-0,017	0,272
CHR1	2493114	CHR1:2493114	SSF x Near_LoA	-9,077	0,092	0,288
CHR1	2493167	CHR1:2493167	SSF x Near_LoA	-9,840	-0,020	0,297
CHR1	2493196	CHR1:2493196	SSF x Near_LoA	-8,360	0,142	0,278
CHR1	2493253	CHR1:2493253	SSF x Near_LoA	-7,661	0,035	0,294
CHR1	2497732	CHR1:2497732	SSF x Near_LoA	-10,212	-0,033	0,279
CHR1	2497867	CHR1:2497867	SSF x Near_LoA	-10,281	0,005	0,277
CHR1	2497910	CHR1:2497910	SSF x Near_LoA	-8,328	-0,029	0,296
CHR1	2497958	CHR1:2497958	SSF x Near_LoA	-9,144	-0,010	0,290
CHR1	2497970	CHR1:2497970	SSF x Near_LoA	-7,250	0,021	0,283
CHR1	2497981	CHR1:2497981	SSF x Near_LoA	-7,982	0,084	0,286
CHR1	2498002	CHR1:2498002	SSF x Near_LoA	-7,554	0,099	0,286
CHR1	2504872	CHR1:2504872	SSF x Near_LoA	-6,595	0,109	0,277
CHR1	2505835	CHR1:2505835	SSF x Near_LoA	-9,323	-0,053	0,278
CHR1	2505939	CHR1:2505939	SSF x Near_LoA	-9,483	-0,028	0,297
CHR1	2505947	CHR1:2505947	SSF x Near_LoA	-10,066	0,069	0,292
CHR1	2505978	CHR1:2505978	SSF x Near_LoA	-9,482	0,068	0,282
CHR1	2505992	CHR1:2505992	SSF x Near_LoA	-10,376	-0,056	0,276

CHR1	2506019	CHR1:2506019	SSF x Near_LoA	-8,473	0,005	0,296
CHR1	2506092	CHR1:2506092	SSF x Near_LoA	-7,671	-0,003	0,284
CHR1	2514173	CHR1:2514173	SSF x Near_LoA	-10,821	0,000	0,287
CHR1	2514329	CHR1:2514329	SSF x Near_LoA	-3,593	0,069	0,297
CHR1	2514368	CHR1:2514368	SSF x Near_LoA	-8,420	-0,011	0,284
CHR1	2522920	CHR1:2522920	SSF x Near_LoA	-6,408	0,084	0,283
CHR1	2522934	CHR1:2522934	SSF x Near_LoA	-8,051	0,019	0,288
CHR1	2522937	CHR1:2522937	SSF x Near_LoA	-7,129	-0,191	0,272
CHR1	2522967	CHR1:2522967	SSF x Near_LoA	-10,582	0,029	0,279
CHR1	2523025	CHR1:2523025	SSF x Near_LoA	-6,377	-0,156	0,280
CHR1	2523124	CHR1:2523124	SSF x Near_LoA	-6,680	-0,139	0,280
CHR1	2527595	CHR1:2527595	SSF x Near_LoA	-6,424	0,186	0,281
CHR1	2527609	CHR1:2527609	SSF x Near_LoA	-9,456	0,075	0,286
CHR1	2527662	CHR1:2527662	SSF x Near_LoA	-9,345	0,030	0,288
CHR1	2542712	CHR1:2542712	SSF x Near_LoA	-6,305	0,106	0,301
CHR1	2542726	CHR1:2542726	SSF x Near_LoA	-7,672	0,145	0,288
CHR1	2542727	CHR1:2542727	SSF x Near_LoA	-6,845	0,119	0,300
CHR1	2542982	CHR1:2542982	SSF x Near_LoA	-7,718	-0,220	0,269
CHR1	2543012	CHR1:2543012	SSF x Near_LoA	-8,988	0,051	0,293
CHR1	2543013	CHR1:2543013	SSF x Near_LoA	-9,829	0,019	0,289
CHR1	2548543	CHR1:2548543	SSF x Near_LoA	-7,988	0,036	0,287
CHR1	2563889	CHR1:2563889	SSF x Near_LoA	-9,423	0,146	0,285
CHR1	2563932	CHR1:2563932	SSF x Near_LoA	-10,375	0,013	0,281
CHR1	2565491	CHR1:2565491	SSF x Near_LoA	-8,034	-0,013	0,271
CHR1	2565500	CHR1:2565500	SSF x Near_LoA	-9,862	-0,036	0,282
CHR1	2565509	CHR1:2565509	SSF x Near_LoA	-9,161	-0,052	0,282
CHR1	2565538	CHR1:2565538	SSF x Near_LoA	-9,269	-0,049	0,293
CHR1	2573322	CHR1:2573322	SSF x Near_LoA	-10,232	-0,001	0,295
CHR1	2575832	CHR1:2575832	SSF x Near_LoA	-7,438	0,181	0,274
CHR1	2575998	CHR1:2575998	SSF x Near_LoA	-1,520	0,209	0,285
CHR1	2576117	CHR1:2576117	SSF x Near_LoA	-8,481	0,065	0,305
CHR1	2593867	CHR1:2593867	SSF x Near_LoA	-8,189	0,100	0,301
CHR1	2593949	CHR1:2593949	SSF x Near_LoA	-4,820	-0,162	0,277
CHR1	2593974	CHR1:2593974	SSF x Near_LoA	-9,541	-0,041	0,279
CHR1	2593989	CHR1:2593989	SSF x Near_LoA	-7,529	-0,076	0,302
CHR1	2594032	CHR1:2594032	SSF x Near_LoA	-7,280	-0,028	0,284
CHR1	2606134	CHR1:2606134	SSF x Near_LoA	-9,120	-0,056	0,290
CHR1	2606414	CHR1:2606414	SSF x Near_LoA	-9,050	-0,154	0,283
CHR1	2606417	CHR1:2606417	SSF x Near_LoA	-1,673	-0,117	0,292
CHR1	2606424	CHR1:2606424	SSF x Near_LoA	-7,766	0,083	0,286
CHR1	2606468	CHR1:2606468	SSF x Near_LoA	-7,948	-0,088	0,295
CHR1	2606486	CHR1:2606486	SSF x Near_LoA	-9,805	-0,135	0,283
CHR1	2606504	CHR1:2606504	SSF x Near_LoA	-9,478	-0,104	0,284
CHR1	2614437	CHR1:2614437	SSF x Near_LoA	-10,173	-0,002	0,285
CHR1	2630655	CHR1:2630655	SSF x Near_LoA	-10,617	0,027	0,296
CHR1	2661414	CHR1:2661414	SSF x Near_LoA	-5,802	-0,179	0,281
CHR1	2661532	CHR1:2661532	SSF x Near_LoA	-7,110	0,118	0,290
CHR1	2661668	CHR1:2661668	SSF x Near_LoA	-8,132	0,060	0,268
CHR1	2661684	CHR1:2661684	SSF x Near_LoA	-7,470	0,059	0,261
CHR1	2678135	CHR1:2678135	SSF x Near_LoA	-9,890	0,043	0,289
CHR1	2687267	CHR1:2687267	SSF x Near_LoA	-4,560	-0,111	0,274
CHR1	2687599	CHR1:2687599	SSF x Near_LoA	-6,618	-0,084	0,279
CHR1	2688843	CHR1:2688843	SSF x Near_LoA	-3,620	-0,265	0,272

CHR1	2688864	CHR1:2688864	SSF x Near_LoA	-9,289	-0,099	0,289
CHR1	2688939	CHR1:2688939	SSF x Near_LoA	1,664	0,262	0,269
CHR1	2688942	CHR1:2688942	SSF x Near_LoA	-0,304	0,269	0,262
CHR1	2688957	CHR1:2688957	SSF x Near_LoA	-3,076	-0,133	0,289
CHR1	2689044	CHR1:2689044	SSF x Near_LoA	-6,712	0,090	0,302
CHR1	2708349	CHR1:2708349	SSF x Near_LoA	-10,338	0,027	0,281
CHR1	2708543	CHR1:2708543	SSF x Near_LoA	-7,927	0,012	0,294
CHR1	2734503	CHR1:2734503	SSF x Near_LoA	-8,228	-0,039	0,275
CHR1	2734561	CHR1:2734561	SSF x Near_LoA	-5,530	-0,123	0,290
CHR1	2769044	CHR1:2769044	SSF x Near_LoA	-9,503	0,067	0,294
CHR1	2769118	CHR1:2769118	SSF x Near_LoA	-9,441	-0,002	0,287
CHR1	2769261	CHR1:2769261	SSF x Near_LoA	-7,908	-0,139	0,281
CHR1	2769304	CHR1:2769304	SSF x Near_LoA	-7,946	-0,012	0,283
CHR1	2780255	CHR1:2780255	SSF x Near_LoA	-6,754	-0,163	0,280
CHR1	2781523	CHR1:2781523	SSF x Near_LoA	-8,034	-0,170	0,264
CHR1	2782456	CHR1:2782456	SSF x Near_LoA	-9,880	0,081	0,293
CHR1	2782461	CHR1:2782461	SSF x Near_LoA	-6,606	-0,188	0,285
CHR1	2782475	CHR1:2782475	SSF x Near_LoA	-1,663	0,237	0,263
CHR1	2782521	CHR1:2782521	SSF x Near_LoA	-11,289	0,019	0,276
CHR1	2782523	CHR1:2782523	SSF x Near_LoA	-9,259	0,062	0,278
CHR1	2782616	CHR1:2782616	SSF x Near_LoA	-8,004	0,041	0,283
CHR1	2782621	CHR1:2782621	SSF x Near_LoA	-6,628	-0,008	0,305
CHR1	2788289	CHR1:2788289	SSF x Near_LoA	-5,691	0,113	0,290
CHR1	2788296	CHR1:2788296	SSF x Near_LoA	-6,417	0,063	0,289
CHR1	2788369	CHR1:2788369	SSF x Near_LoA	-2,999	-0,208	0,277
CHR1	2788370	CHR1:2788370	SSF x Near_LoA	-11,030	-0,023	0,287
CHR1	2788613	CHR1:2788613	SSF x Near_LoA	-10,164	-0,060	0,289
CHR1	2791169	CHR1:2791169	SSF x Near_LoA	-5,511	-0,189	0,280
CHR1	2791527	CHR1:2791527	SSF x Near_LoA	-8,641	-0,080	0,288
CHR1	2792693	CHR1:2792693	SSF x Near_LoA	-10,407	0,053	0,284
CHR1	2792765	CHR1:2792765	SSF x Near_LoA	-7,066	0,065	0,301
CHR1	2792774	CHR1:2792774	SSF x Near_LoA	-7,846	-0,075	0,280
CHR1	2793504	CHR1:2793504	SSF x Near_LoA	-3,507	-0,078	0,291
CHR1	2793580	CHR1:2793580	SSF x Near_LoA	-4,723	0,226	0,263
CHR1	2793770	CHR1:2793770	SSF x Near_LoA	-10,603	-0,019	0,286
CHR1	2797109	CHR1:2797109	SSF x Near_LoA	-9,457	0,013	0,289
CHR1	2815788	CHR1:2815788	SSF x Near_LoA	-5,483	-0,209	0,281
CHR1	2834005	CHR1:2834005	SSF x Near_LoA	-6,958	0,054	0,285
CHR1	2834068	CHR1:2834068	SSF x Near_LoA	-10,273	0,071	0,284
CHR1	2834129	CHR1:2834129	SSF x Near_LoA	-9,766	0,033	0,298
CHR1	2834214	CHR1:2834214	SSF x Near_LoA	-9,289	0,029	0,281
CHR1	2846352	CHR1:2846352	SSF x Near_LoA	-8,403	-0,070	0,298
CHR1	2846448	CHR1:2846448	SSF x Near_LoA	-7,828	-0,056	0,284
CHR1	2846553	CHR1:2846553	SSF x Near_LoA	-10,783	-0,062	0,287
CHR1	2858668	CHR1:2858668	SSF x Near_LoA	-7,201	-0,125	0,279
CHR1	2858671	CHR1:2858671	SSF x Near_LoA	-6,211	-0,122	0,267
CHR1	2858719	CHR1:2858719	SSF x Near_LoA	-6,959	-0,092	0,277
CHR1	2858755	CHR1:2858755	SSF x Near_LoA	-7,670	-0,049	0,281
CHR1	2858828	CHR1:2858828	SSF x Near_LoA	-4,530	0,179	0,274
CHR1	2858854	CHR1:2858854	SSF x Near_LoA	-6,423	0,102	0,276
CHR1	2860776	CHR1:2860776	SSF x Near_LoA	-8,545	0,064	0,300
CHR1	2860810	CHR1:2860810	SSF x Near_LoA	-10,666	-0,060	0,281
CHR1	2860844	CHR1:2860844	SSF x Near_LoA	-5,380	-0,223	0,268

CHR1	2860862	CHR1:2860862	SSF x Near_LoA	-8,937	-0,094	0,283
CHR1	2893593	CHR1:2893593	SSF x Near_LoA	-10,793	-0,022	0,275
CHR1	2893676	CHR1:2893676	SSF x Near_LoA	-0,259	0,222	0,278
CHR1	2900278	CHR1:2900278	SSF x Near_LoA	-7,663	0,083	0,289
CHR1	2900291	CHR1:2900291	SSF x Near_LoA	-7,945	0,133	0,285
CHR1	2900359	CHR1:2900359	SSF x Near_LoA	-10,375	-0,056	0,289
CHR1	2900451	CHR1:2900451	SSF x Near_LoA	-8,307	0,063	0,278
CHR1	2900486	CHR1:2900486	SSF x Near_LoA	-5,555	-0,233	0,267
CHR1	2900517	CHR1:2900517	SSF x Near_LoA	-8,417	0,063	0,287
CHR1	2900548	CHR1:2900548	SSF x Near_LoA	-8,261	-0,153	0,283
CHR1	2900598	CHR1:2900598	SSF x Near_LoA	-6,298	-0,070	0,283
CHR1	2904376	CHR1:2904376	SSF x Near_LoA	-9,284	-0,057	0,269
CHR1	2904436	CHR1:2904436	SSF x Near_LoA	-7,484	0,154	0,286
CHR1	2904510	CHR1:2904510	SSF x Near_LoA	-7,523	-0,113	0,289
CHR1	2908867	CHR1:2908867	SSF x Near_LoA	-8,590	-0,008	0,287
CHR1	2908951	CHR1:2908951	SSF x Near_LoA	-7,537	0,135	0,292
CHR1	2908977	CHR1:2908977	SSF x Near_LoA	-2,639	-0,183	0,273
CHR1	2909009	CHR1:2909009	SSF x Near_LoA	-10,437	0,017	0,281
CHR1	2927020	CHR1:2927020	SSF x Near_LoA	-9,584	-0,052	0,293
CHR1	2927123	CHR1:2927123	SSF x Near_LoA	-8,959	-0,060	0,283
CHR1	2927126	CHR1:2927126	SSF x Near_LoA	-8,208	-0,003	0,280
CHR1	2927196	CHR1:2927196	SSF x Near_LoA	-7,608	-0,051	0,282
CHR1	2927225	CHR1:2927225	SSF x Near_LoA	-7,155	-0,054	0,282
CHR1	2927386	CHR1:2927386	SSF x Near_LoA	-10,122	0,025	0,287
CHR1	2939466	CHR1:2939466	SSF x Near_LoA	-7,310	0,046	0,299
CHR1	2939601	CHR1:2939601	SSF x Near_LoA	-8,351	0,139	0,275
CHR1	2939646	CHR1:2939646	SSF x Near_LoA	-5,684	-0,134	0,294
CHR1	2944420	CHR1:2944420	SSF x Near_LoA	-3,096	-0,217	0,292
CHR1	2944447	CHR1:2944447	SSF x Near_LoA	-8,566	-0,058	0,288
CHR1	2944469	CHR1:2944469	SSF x Near_LoA	-8,130	-0,061	0,297
CHR1	2944527	CHR1:2944527	SSF x Near_LoA	-3,810	-0,055	0,290
CHR1	2944543	CHR1:2944543	SSF x Near_LoA	-4,449	-0,068	0,300
CHR1	2954875	CHR1:2954875	SSF x Near_LoA	-8,516	0,107	0,288
CHR1	2954924	CHR1:2954924	SSF x Near_LoA	-8,156	0,070	0,296
CHR1	2954975	CHR1:2954975	SSF x Near_LoA	-10,524	0,026	0,277
CHR1	2958227	CHR1:2958227	SSF x Near_LoA	-9,436	-0,041	0,285
CHR1	2958295	CHR1:2958295	SSF x Near_LoA	-8,775	-0,054	0,294
CHR1	2958333	CHR1:2958333	SSF x Near_LoA	-10,193	0,088	0,294
CHR1	2958342	CHR1:2958342	SSF x Near_LoA	-9,926	-0,060	0,280
CHR1	2958359	CHR1:2958359	SSF x Near_LoA	2,495	-0,230	0,288
CHR1	2959483	CHR1:2959483	SSF x Near_LoA	-9,203	0,036	0,281
CHR1	2969922	CHR1:2969922	SSF x Near_LoA	-9,415	0,027	0,304
CHR1	2978426	CHR1:2978426	SSF x Near_LoA	-8,600	0,093	0,293
CHR1	2978559	CHR1:2978559	SSF x Near_LoA	-9,889	0,035	0,287
CHR1	2979261	CHR1:2979261	SSF x Near_LoA	-7,275	0,094	0,294
CHR1	2979409	CHR1:2979409	SSF x Near_LoA	-7,432	0,066	0,283
CHR1	2979506	CHR1:2979506	SSF x Near_LoA	-7,281	0,037	0,268
CHR1	2979518	CHR1:2979518	SSF x Near_LoA	-9,865	-0,032	0,296
CHR1	2989868	CHR1:2989868	SSF x Near_LoA	-8,638	-0,022	0,301
CHR1	2989973	CHR1:2989973	SSF x Near_LoA	-11,147	-0,062	0,279
CHR1	3022072	CHR1:3022072	SSF x Near_LoA	-11,091	0,034	0,283
CHR1	3022081	CHR1:3022081	SSF x Near_LoA	-7,423	0,130	0,277
CHR1	3022353	CHR1:3022353	SSF x Near_LoA	-8,450	-0,010	0,283

CHR1	3022354	CHR1:3022354	SSF x Near_LoA	-10,859	0,055	0,271
CHR1	3022431	CHR1:3022431	SSF x Near_LoA	-9,278	0,013	0,289
CHR1	3025193	CHR1:3025193	SSF x Near_LoA	-9,351	0,074	0,281
CHR1	3025308	CHR1:3025308	SSF x Near_LoA	-8,241	0,114	0,287
CHR1	3025370	CHR1:3025370	SSF x Near_LoA	-7,955	-0,050	0,295
CHR1	3051383	CHR1:3051383	SSF x Near_LoA	-9,073	-0,012	0,274
CHR1	3051399	CHR1:3051399	SSF x Near_LoA	-9,802	-0,128	0,286
CHR1	3051465	CHR1:3051465	SSF x Near_LoA	-7,589	-0,083	0,280
CHR1	3054637	CHR1:3054637	SSF x Near_LoA	-10,722	-0,062	0,276
CHR1	3059581	CHR1:3059581	SSF x Near_LoA	-8,849	-0,023	0,279
CHR1	3091893	CHR1:3091893	SSF x Near_LoA	-7,484	-0,035	0,294
CHR1	3102942	CHR1:3102942	SSF x Near_LoA	-9,769	-0,015	0,294
CHR1	3110776	CHR1:3110776	SSF x Near_LoA	-8,987	-0,078	0,266
CHR1	3110777	CHR1:3110777	SSF x Near_LoA	-6,554	-0,105	0,282
CHR1	3110858	CHR1:3110858	SSF x Near_LoA	-5,998	0,228	0,281
CHR1	3110896	CHR1:3110896	SSF x Near_LoA	-5,947	-0,104	0,293
CHR1	3111949	CHR1:3111949	SSF x Near_LoA	-6,255	0,181	0,292
CHR1	3114736	CHR1:3114736	SSF x Near_LoA	-1,598	0,260	0,279
CHR1	3114949	CHR1:3114949	SSF x Near_LoA	-8,078	-0,025	0,283
CHR1	3118217	CHR1:3118217	SSF x Near_LoA	-9,898	-0,093	0,274
CHR1	3121494	CHR1:3121494	SSF x Near_LoA	-10,125	-0,063	0,294
CHR1	3121682	CHR1:3121682	SSF x Near_LoA	-6,394	-0,195	0,279
CHR1	3122838	CHR1:3122838	SSF x Near_LoA	-7,867	0,096	0,279
CHR1	3122870	CHR1:3122870	SSF x Near_LoA	-7,505	0,090	0,271
CHR1	3122887	CHR1:3122887	SSF x Near_LoA	-10,281	0,018	0,283
CHR1	3122889	CHR1:3122889	SSF x Near_LoA	-0,737	0,062	0,281
CHR1	3122953	CHR1:3122953	SSF x Near_LoA	-7,685	-0,103	0,285
CHR1	3123165	CHR1:3123165	SSF x Near_LoA	-7,814	-0,049	0,275
CHR1	3126293	CHR1:3126293	SSF x Near_LoA	-9,904	-0,096	0,282
CHR1	3126382	CHR1:3126382	SSF x Near_LoA	-7,958	-0,159	0,286
CHR1	3126469	CHR1:3126469	SSF x Near_LoA	-10,381	0,073	0,277
CHR1	3126512	CHR1:3126512	SSF x Near_LoA	-6,398	-0,207	0,280
CHR1	3127930	CHR1:3127930	SSF x Near_LoA	-10,103	0,029	0,293
CHR1	3127947	CHR1:3127947	SSF x Near_LoA	-8,278	0,164	0,280
CHR1	3130974	CHR1:3130974	SSF x Near_LoA	-7,819	0,112	0,272
CHR1	3131085	CHR1:3131085	SSF x Near_LoA	-7,707	0,016	0,291
CHR1	3131090	CHR1:3131090	SSF x Near_LoA	-7,263	0,001	0,297
CHR1	3131138	CHR1:3131138	SSF x Near_LoA	-7,251	-0,105	0,284
CHR1	3136689	CHR1:3136689	SSF x Near_LoA	-6,817	-0,055	0,286
CHR1	3136816	CHR1:3136816	SSF x Near_LoA	-8,570	-0,047	0,290
CHR1	3136962	CHR1:3136962	SSF x Near_LoA	-6,066	-0,221	0,278
CHR1	3138260	CHR1:3138260	SSF x Near_LoA	-7,441	-0,014	0,299
CHR1	3138346	CHR1:3138346	SSF x Near_LoA	-10,569	0,055	0,278
CHR1	3138445	CHR1:3138445	SSF x Near_LoA	-10,378	-0,089	0,286
CHR1	3138533	CHR1:3138533	SSF x Near_LoA	-1,839	0,163	0,285
CHR1	3143780	CHR1:3143780	SSF x Near_LoA	-3,014	0,234	0,264
CHR1	3155843	CHR1:3155843	SSF x Near_LoA	-8,626	0,005	0,279
CHR1	3155872	CHR1:3155872	SSF x Near_LoA	-7,758	0,110	0,299
CHR1	3166953	CHR1:3166953	SSF x Near_LoA	-4,536	0,157	0,284
CHR1	3167008	CHR1:3167008	SSF x Near_LoA	-10,889	0,034	0,281
CHR1	3167049	CHR1:3167049	SSF x Near_LoA	-6,771	-0,121	0,283
CHR1	3167064	CHR1:3167064	SSF x Near_LoA	-6,392	-0,110	0,284
CHR1	3177250	CHR1:3177250	SSF x Near_LoA	-6,799	-0,030	0,308

CHR1	3177855	CHR1:3177855	SSF x Near_LoA	-7,651	-0,146	0,266
CHR1	3177868	CHR1:3177868	SSF x Near_LoA	-5,990	0,130	0,291
CHR1	3177905	CHR1:3177905	SSF x Near_LoA	-8,753	0,019	0,275
CHR1	3186110	CHR1:3186110	SSF x Near_LoA	-6,598	-0,131	0,295
CHR1	3186272	CHR1:3186272	SSF x Near_LoA	-9,020	-0,079	0,288
CHR1	3186278	CHR1:3186278	SSF x Near_LoA	-9,132	-0,090	0,273
CHR1	3186281	CHR1:3186281	SSF x Near_LoA	-9,315	-0,164	0,274
CHR1	3188658	CHR1:3188658	SSF x Near_LoA	-6,799	-0,114	0,275
CHR1	3188720	CHR1:3188720	SSF x Near_LoA	-8,015	0,125	0,279
CHR1	3188826	CHR1:3188826	SSF x Near_LoA	-10,958	-0,013	0,287
CHR1	3192774	CHR1:3192774	SSF x Near_LoA	-7,186	-0,108	0,262
CHR1	3197243	CHR1:3197243	SSF x Near_LoA	-2,909	-0,064	0,283
CHR1	3202842	CHR1:3202842	SSF x Near_LoA	-8,098	-0,042	0,268
CHR1	3202916	CHR1:3202916	SSF x Near_LoA	-5,490	0,219	0,282
CHR1	3202942	CHR1:3202942	SSF x Near_LoA	-2,812	0,259	0,269
CHR1	3202986	CHR1:3202986	SSF x Near_LoA	-6,139	0,113	0,278
CHR1	3202988	CHR1:3202988	SSF x Near_LoA	-7,426	0,083	0,283
CHR1	3202992	CHR1:3202992	SSF x Near_LoA	-6,495	0,128	0,284
CHR1	3219249	CHR1:3219249	SSF x Near_LoA	-9,688	-0,040	0,299
CHR1	3227896	CHR1:3227896	SSF x Near_LoA	-4,642	0,222	0,280
CHR1	3259245	CHR1:3259245	SSF x Near_LoA	-9,502	-0,034	0,282
CHR1	3259279	CHR1:3259279	SSF x Near_LoA	-7,719	0,008	0,291
CHR1	3260963	CHR1:3260963	SSF x Near_LoA	-10,029	0,058	0,271
CHR1	3260970	CHR1:3260970	SSF x Near_LoA	-7,138	0,063	0,288
CHR1	3261020	CHR1:3261020	SSF x Near_LoA	-7,775	-0,059	0,289
CHR1	3261085	CHR1:3261085	SSF x Near_LoA	-9,407	0,033	0,289
CHR1	3261127	CHR1:3261127	SSF x Near_LoA	-9,518	0,019	0,293
CHR1	3261161	CHR1:3261161	SSF x Near_LoA	-6,143	-0,066	0,292
CHR1	3261198	CHR1:3261198	SSF x Near_LoA	-6,229	0,176	0,288
CHR1	3261267	CHR1:3261267	SSF x Near_LoA	-8,160	-0,053	0,271
CHR1	3266508	CHR1:3266508	SSF x Near_LoA	-8,006	0,103	0,290
CHR1	3285538	CHR1:3285538	SSF x Near_LoA	-9,752	-0,033	0,289
CHR1	3285670	CHR1:3285670	SSF x Near_LoA	-8,087	0,032	0,272
CHR1	3287149	CHR1:3287149	SSF x Near_LoA	-9,651	-0,080	0,281
CHR1	3287214	CHR1:3287214	SSF x Near_LoA	-8,985	-0,102	0,286
CHR1	3295344	CHR1:3295344	SSF x Near_LoA	-7,700	0,106	0,282
CHR1	3306066	CHR1:3306066	SSF x Near_LoA	-8,493	0,107	0,256
CHR1	3306142	CHR1:3306142	SSF x Near_LoA	-8,488	0,015	0,280
CHR1	3306148	CHR1:3306148	SSF x Near_LoA	-9,526	-0,039	0,279
CHR1	3306545	CHR1:3306545	SSF x Near_LoA	-7,950	0,097	0,271
CHR1	3315116	CHR1:3315116	SSF x Near_LoA	-7,454	0,076	0,292
CHR1	3317357	CHR1:3317357	SSF x Near_LoA	-6,150	0,150	0,296
CHR1	3317366	CHR1:3317366	SSF x Near_LoA	-9,339	-0,001	0,292
CHR1	3340269	CHR1:3340269	SSF x Near_LoA	-9,131	-0,092	0,288
CHR1	3346503	CHR1:3346503	SSF x Near_LoA	-4,307	0,175	0,287
CHR1	3346516	CHR1:3346516	SSF x Near_LoA	-7,520	-0,070	0,286
CHR1	3350859	CHR1:3350859	SSF x Near_LoA	-6,487	-0,131	0,284
CHR1	3350962	CHR1:3350962	SSF x Near_LoA	-7,574	0,006	0,277
CHR1	3377232	CHR1:3377232	SSF x Near_LoA	-6,192	0,079	0,267
CHR1	3406478	CHR1:3406478	SSF x Near_LoA	-10,409	0,012	0,283
CHR1	3406487	CHR1:3406487	SSF x Near_LoA	-7,815	-0,070	0,296
CHR1	3406633	CHR1:3406633	SSF x Near_LoA	-8,490	-0,053	0,291
CHR1	3406649	CHR1:3406649	SSF x Near_LoA	-9,559	0,012	0,295

CHR1	3412143	CHR1:3412143	SSF x Near_LoA	-8,457	0,108	0,275
CHR1	3412167	CHR1:3412167	SSF x Near_LoA	-8,677	-0,109	0,292
CHR1	3429999	CHR1:3429999	SSF x Near_LoA	-8,690	0,134	0,294
CHR1	3430177	CHR1:3430177	SSF x Near_LoA	-8,286	0,006	0,274
CHR1	343906	CHR1:343906	SSF x Near_LoA	-4,421	-0,125	0,290
CHR1	3439242	CHR1:3439242	SSF x Near_LoA	-4,715	-0,136	0,288
CHR1	3439291	CHR1:3439291	SSF x Near_LoA	-6,819	0,196	0,259
CHR1	3439309	CHR1:3439309	SSF x Near_LoA	-7,544	-0,041	0,288
CHR1	3451532	CHR1:3451532	SSF x Near_LoA	-8,209	-0,046	0,290
CHR1	3451621	CHR1:3451621	SSF x Near_LoA	-8,442	-0,061	0,277
CHR1	3454305	CHR1:3454305	SSF x Near_LoA	-9,498	-0,142	0,288
CHR1	3454633	CHR1:3454633	SSF x Near_LoA	-10,546	0,062	0,286
CHR1	3469446	CHR1:3469446	SSF x Near_LoA	-7,876	0,167	0,281
CHR1	3469581	CHR1:3469581	SSF x Near_LoA	-8,031	0,032	0,283
CHR1	3469585	CHR1:3469585	SSF x Near_LoA	-7,891	0,049	0,285
CHR1	3469625	CHR1:3469625	SSF x Near_LoA	-5,435	0,083	0,290
CHR1	3469675	CHR1:3469675	SSF x Near_LoA	-7,336	-0,007	0,299
CHR1	3483332	CHR1:3483332	SSF x Near_LoA	-8,226	0,055	0,264
CHR1	3514928	CHR1:3514928	SSF x Near_LoA	-4,743	0,186	0,270
CHR1	3514938	CHR1:3514938	SSF x Near_LoA	-9,373	0,042	0,285
CHR1	3515077	CHR1:3515077	SSF x Near_LoA	-10,278	-0,022	0,270
CHR1	3519880	CHR1:3519880	SSF x Near_LoA	-2,943	0,227	0,277
CHR1	3520260	CHR1:3520260	SSF x Near_LoA	-4,717	-0,168	0,284
CHR1	3520262	CHR1:3520262	SSF x Near_LoA	-3,141	-0,129	0,291
CHR1	3525713	CHR1:3525713	SSF x Near_LoA	-7,491	0,155	0,271
CHR1	3539885	CHR1:3539885	SSF x Near_LoA	-11,164	-0,040	0,285
CHR1	3543352	CHR1:3543352	SSF x Near_LoA	-8,270	0,062	0,279
CHR1	3543520	CHR1:3543520	SSF x Near_LoA	-7,731	-0,086	0,276
CHR1	3557490	CHR1:3557490	SSF x Near_LoA	-9,397	-0,154	0,275
CHR1	3557512	CHR1:3557512	SSF x Near_LoA	-5,909	-0,072	0,285
CHR1	3560130	CHR1:3560130	SSF x Near_LoA	-8,401	-0,070	0,280
CHR1	3560214	CHR1:3560214	SSF x Near_LoA	-6,540	0,126	0,285
CHR1	3560258	CHR1:3560258	SSF x Near_LoA	-9,515	-0,080	0,289
CHR1	3560359	CHR1:3560359	SSF x Near_LoA	-6,440	0,055	0,297
CHR1	3574160	CHR1:3574160	SSF x Near_LoA	-9,183	0,062	0,288
CHR1	3574166	CHR1:3574166	SSF x Near_LoA	-4,877	-0,080	0,295
CHR1	3574182	CHR1:3574182	SSF x Near_LoA	-8,741	-0,086	0,285
CHR1	3574188	CHR1:3574188	SSF x Near_LoA	-8,439	-0,096	0,292
CHR1	3574194	CHR1:3574194	SSF x Near_LoA	-4,058	-0,109	0,286
CHR1	3574200	CHR1:3574200	SSF x Near_LoA	-7,920	-0,024	0,291
CHR1	3574243	CHR1:3574243	SSF x Near_LoA	-9,038	-0,017	0,279
CHR1	3574256	CHR1:3574256	SSF x Near_LoA	-7,564	-0,012	0,284
CHR1	3592226	CHR1:3592226	SSF x Near_LoA	-6,768	0,051	0,278
CHR1	3624753	CHR1:3624753	SSF x Near_LoA	-8,350	-0,077	0,291
CHR1	3629166	CHR1:3629166	SSF x Near_LoA	-7,994	-0,078	0,271
CHR1	3629205	CHR1:3629205	SSF x Near_LoA	-8,249	-0,001	0,283
CHR1	3629307	CHR1:3629307	SSF x Near_LoA	-2,803	0,246	0,252
CHR1	3629317	CHR1:3629317	SSF x Near_LoA	-7,839	-0,025	0,300
CHR1	3629339	CHR1:3629339	SSF x Near_LoA	3,202	-0,132	0,283
CHR1	3629349	CHR1:3629349	SSF x Near_LoA	-1,856	0,252	0,249
CHR1	3630332	CHR1:3630332	SSF x Near_LoA	-8,862	0,063	0,287
CHR1	3630554	CHR1:3630554	SSF x Near_LoA	-8,295	0,138	0,273
CHR1	3632498	CHR1:3632498	SSF x Near_LoA	-9,333	0,017	0,274

CHR1	3632509	CHR1:3632509	SSF x Near_LoA	-9,915	-0,062	0,288
CHR1	3632549	CHR1:3632549	SSF x Near_LoA	-9,261	-0,054	0,266
CHR1	3632576	CHR1:3632576	SSF x Near_LoA	-7,497	0,174	0,283
CHR1	3634556	CHR1:3634556	SSF x Near_LoA	-9,716	0,063	0,281
CHR1	3638545	CHR1:3638545	SSF x Near_LoA	-8,434	-0,108	0,265
CHR1	3658428	CHR1:3658428	SSF x Near_LoA	-10,026	-0,099	0,279
CHR1	3658501	CHR1:3658501	SSF x Near_LoA	-7,484	0,151	0,273
CHR1	3658601	CHR1:3658601	SSF x Near_LoA	-8,912	-0,042	0,279
CHR1	3664673	CHR1:3664673	SSF x Near_LoA	-6,680	-0,068	0,276
CHR1	3664681	CHR1:3664681	SSF x Near_LoA	-8,545	0,029	0,281
CHR1	3664703	CHR1:3664703	SSF x Near_LoA	-4,320	0,010	0,281
CHR1	3664708	CHR1:3664708	SSF x Near_LoA	-7,224	0,011	0,283
CHR1	3707515	CHR1:3707515	SSF x Near_LoA	-3,155	-0,023	0,277
CHR1	3707975	CHR1:3707975	SSF x Near_LoA	-9,709	0,053	0,279
CHR1	3752863	CHR1:3752863	SSF x Near_LoA	-6,530	-0,033	0,297
CHR1	3791721	CHR1:3791721	SSF x Near_LoA	-10,313	0,001	0,271
CHR1	3802746	CHR1:3802746	SSF x Near_LoA	-4,662	0,093	0,278
CHR1	3802821	CHR1:3802821	SSF x Near_LoA	-9,847	-0,070	0,280
CHR1	3806315	CHR1:3806315	SSF x Near_LoA	-8,525	-0,017	0,288
CHR1	3806319	CHR1:3806319	SSF x Near_LoA	-6,767	-0,120	0,276
CHR1	3808308	CHR1:3808308	SSF x Near_LoA	-8,773	-0,045	0,278
CHR1	380924	CHR1:380924	SSF x Near_LoA	-7,995	0,028	0,296
CHR1	3824309	CHR1:3824309	SSF x Near_LoA	-8,255	-0,045	0,281
CHR1	3824556	CHR1:3824556	SSF x Near_LoA	-8,064	-0,042	0,290
CHR1	3824558	CHR1:3824558	SSF x Near_LoA	-8,759	-0,072	0,281
CHR1	3824559	CHR1:3824559	SSF x Near_LoA	-7,990	-0,069	0,288
CHR1	3824571	CHR1:3824571	SSF x Near_LoA	-0,382	0,219	0,275
CHR1	3827239	CHR1:3827239	SSF x Near_LoA	-7,538	0,088	0,273
CHR1	3827307	CHR1:3827307	SSF x Near_LoA	-7,907	-0,065	0,289
CHR1	3827308	CHR1:3827308	SSF x Near_LoA	-5,480	-0,047	0,302
CHR1	3827345	CHR1:3827345	SSF x Near_LoA	-6,285	0,022	0,295
CHR1	3827371	CHR1:3827371	SSF x Near_LoA	-8,704	-0,084	0,299
CHR1	3827379	CHR1:3827379	SSF x Near_LoA	-6,893	-0,057	0,301
CHR1	383570	CHR1:383570	SSF x Near_LoA	-6,491	-0,122	0,286
CHR1	383657	CHR1:383657	SSF x Near_LoA	-3,864	0,200	0,281
CHR1	383953	CHR1:383953	SSF x Near_LoA	-1,317	-0,153	0,283
CHR1	3848946	CHR1:3848946	SSF x Near_LoA	-7,913	-0,043	0,296
CHR1	3848953	CHR1:3848953	SSF x Near_LoA	-9,753	0,014	0,280
CHR1	3849249	CHR1:3849249	SSF x Near_LoA	-7,558	-0,001	0,291
CHR1	3849355	CHR1:3849355	SSF x Near_LoA	-9,582	-0,011	0,278
CHR1	3866384	CHR1:3866384	SSF x Near_LoA	-8,323	-0,039	0,273
CHR1	3866389	CHR1:3866389	SSF x Near_LoA	-6,787	0,059	0,276
CHR1	3866433	CHR1:3866433	SSF x Near_LoA	-10,481	-0,030	0,277
CHR1	3866442	CHR1:3866442	SSF x Near_LoA	-9,466	-0,017	0,287
CHR1	3866605	CHR1:3866605	SSF x Near_LoA	-9,948	0,048	0,289
CHR1	3869858	CHR1:3869858	SSF x Near_LoA	-3,151	0,151	0,281
CHR1	3869907	CHR1:3869907	SSF x Near_LoA	-7,822	-0,038	0,285
CHR1	3887430	CHR1:3887430	SSF x Near_LoA	-9,602	0,012	0,281
CHR1	3893100	CHR1:3893100	SSF x Near_LoA	-8,172	-0,035	0,272
CHR1	3893196	CHR1:3893196	SSF x Near_LoA	-8,103	0,097	0,290
CHR1	3893243	CHR1:3893243	SSF x Near_LoA	-8,006	0,066	0,284
CHR1	3893264	CHR1:3893264	SSF x Near_LoA	-8,179	0,030	0,287
CHR1	3893312	CHR1:3893312	SSF x Near_LoA	-9,920	-0,008	0,305

CHR1	3895305	CHR1:3895305	SSF x Near_LoA	-7,539	0,034	0,296
CHR1	3895346	CHR1:3895346	SSF x Near_LoA	-7,195	0,086	0,285
CHR1	3895414	CHR1:3895414	SSF x Near_LoA	-6,544	0,098	0,290
CHR1	3906238	CHR1:3906238	SSF x Near_LoA	-8,157	0,002	0,289
CHR1	3906299	CHR1:3906299	SSF x Near_LoA	-7,105	0,019	0,289
CHR1	3906542	CHR1:3906542	SSF x Near_LoA	-7,687	-0,154	0,285
CHR1	3906574	CHR1:3906574	SSF x Near_LoA	-6,480	-0,176	0,276
CHR1	3907152	CHR1:3907152	SSF x Near_LoA	-7,146	-0,046	0,294
CHR1	3909184	CHR1:3909184	SSF x Near_LoA	-8,133	-0,045	0,279
CHR1	3909361	CHR1:3909361	SSF x Near_LoA	-7,087	-0,029	0,280
CHR1	3911900	CHR1:3911900	SSF x Near_LoA	-7,547	-0,011	0,300
CHR1	3921907	CHR1:3921907	SSF x Near_LoA	-6,969	-0,169	0,281
CHR1	3921910	CHR1:3921910	SSF x Near_LoA	-9,635	-0,035	0,298
CHR1	3921998	CHR1:3921998	SSF x Near_LoA	-6,511	-0,138	0,288
CHR1	3922043	CHR1:3922043	SSF x Near_LoA	-7,134	-0,011	0,298
CHR1	3922052	CHR1:3922052	SSF x Near_LoA	-8,488	-0,097	0,290
CHR1	3922056	CHR1:3922056	SSF x Near_LoA	-5,414	-0,154	0,286
CHR1	3926359	CHR1:3926359	SSF x Near_LoA	-7,854	-0,006	0,291
CHR1	3926397	CHR1:3926397	SSF x Near_LoA	-8,047	0,068	0,277
CHR1	3926430	CHR1:3926430	SSF x Near_LoA	-8,469	0,030	0,289
CHR1	3926501	CHR1:3926501	SSF x Near_LoA	-8,465	0,082	0,287
CHR1	3926532	CHR1:3926532	SSF x Near_LoA	-9,011	-0,011	0,283
CHR1	3944254	CHR1:3944254	SSF x Near_LoA	-8,055	0,105	0,279
CHR1	3955131	CHR1:3955131	SSF x Near_LoA	-4,854	0,208	0,272
CHR1	3955481	CHR1:3955481	SSF x Near_LoA	-5,674	-0,088	0,274
CHR1	3961971	CHR1:3961971	SSF x Near_LoA	-8,929	0,012	0,295
CHR1	3962035	CHR1:3962035	SSF x Near_LoA	-9,888	-0,035	0,296
CHR1	3962040	CHR1:3962040	SSF x Near_LoA	-10,126	0,039	0,290
CHR1	3962079	CHR1:3962079	SSF x Near_LoA	-2,975	-0,044	0,281
CHR1	3962090	CHR1:3962090	SSF x Near_LoA	-9,147	-0,002	0,282
CHR1	3962110	CHR1:3962110	SSF x Near_LoA	-7,213	0,159	0,282
CHR1	3962120	CHR1:3962120	SSF x Near_LoA	-8,056	0,042	0,282
CHR1	3962941	CHR1:3962941	SSF x Near_LoA	-7,856	-0,136	0,276
CHR1	3965448	CHR1:3965448	SSF x Near_LoA	-9,034	0,066	0,290
CHR1	3965461	CHR1:3965461	SSF x Near_LoA	-8,908	0,038	0,290
CHR1	3965471	CHR1:3965471	SSF x Near_LoA	-8,994	-0,128	0,275
CHR1	3975258	CHR1:3975258	SSF x Near_LoA	-5,971	0,108	0,291
CHR1	3975379	CHR1:3975379	SSF x Near_LoA	-9,109	-0,019	0,280
CHR1	3975424	CHR1:3975424	SSF x Near_LoA	-4,755	0,101	0,285
CHR1	3984779	CHR1:3984779	SSF x Near_LoA	-5,661	-0,150	0,276
CHR1	3984792	CHR1:3984792	SSF x Near_LoA	-9,684	0,093	0,285
CHR1	3984928	CHR1:3984928	SSF x Near_LoA	-7,447	0,119	0,269
CHR1	4008373	CHR1:4008373	SSF x Near_LoA	-7,560	0,028	0,293
CHR1	4008424	CHR1:4008424	SSF x Near_LoA	-10,829	0,026	0,297
CHR1	4019786	CHR1:4019786	SSF x Near_LoA	-6,973	-0,076	0,301
CHR1	4019803	CHR1:4019803	SSF x Near_LoA	-4,481	-0,159	0,283
CHR1	4019835	CHR1:4019835	SSF x Near_LoA	-8,134	0,055	0,275
CHR1	4019988	CHR1:4019988	SSF x Near_LoA	-9,762	0,021	0,281
CHR1	4021175	CHR1:4021175	SSF x Near_LoA	-7,191	0,052	0,297
CHR1	4026790	CHR1:4026790	SSF x Near_LoA	-7,180	-0,134	0,297
CHR1	4026892	CHR1:4026892	SSF x Near_LoA	-7,180	-0,191	0,292
CHR1	4027706	CHR1:4027706	SSF x Near_LoA	-6,007	0,210	0,263
CHR1	4037665	CHR1:4037665	SSF x Near_LoA	-9,439	0,063	0,293

CHR1	4037860	CHR1:4037860	SSF x Near_LoA	-6,837	-0,065	0,285
CHR1	4052813	CHR1:4052813	SSF x Near_LoA	-9,029	0,006	0,293
CHR1	4052839	CHR1:4052839	SSF x Near_LoA	-3,551	-0,175	0,282
CHR1	4052840	CHR1:4052840	SSF x Near_LoA	-5,950	-0,042	0,284
CHR1	4052856	CHR1:4052856	SSF x Near_LoA	-7,251	0,047	0,300
CHR1	4052869	CHR1:4052869	SSF x Near_LoA	-8,689	-0,090	0,287
CHR1	4052896	CHR1:4052896	SSF x Near_LoA	-6,829	-0,086	0,277
CHR1	4052957	CHR1:4052957	SSF x Near_LoA	-7,157	-0,040	0,269
CHR1	407264	CHR1:407264	SSF x Near_LoA	-6,447	-0,126	0,289
CHR1	4075270	CHR1:4075270	SSF x Near_LoA	-7,943	0,046	0,285
CHR1	4075271	CHR1:4075271	SSF x Near_LoA	-7,803	0,050	0,289
CHR1	4075303	CHR1:4075303	SSF x Near_LoA	-3,988	0,034	0,298
CHR1	4075431	CHR1:4075431	SSF x Near_LoA	-9,843	0,080	0,291
CHR1	4076658	CHR1:4076658	SSF x Near_LoA	-5,784	0,039	0,293
CHR1	4078065	CHR1:4078065	SSF x Near_LoA	-4,194	-0,018	0,291
CHR1	4078071	CHR1:4078071	SSF x Near_LoA	-10,760	-0,064	0,271
CHR1	4078102	CHR1:4078102	SSF x Near_LoA	-7,716	-0,054	0,296
CHR1	4078131	CHR1:4078131	SSF x Near_LoA	-7,429	0,003	0,290
CHR1	4086330	CHR1:4086330	SSF x Near_LoA	-7,164	0,014	0,271
CHR1	4100533	CHR1:4100533	SSF x Near_LoA	-6,637	0,142	0,267
CHR1	4105243	CHR1:4105243	SSF x Near_LoA	-10,296	0,021	0,270
CHR1	4105310	CHR1:4105310	SSF x Near_LoA	-9,745	0,015	0,291
CHR1	4105345	CHR1:4105345	SSF x Near_LoA	-7,107	-0,102	0,289
CHR1	4121343	CHR1:4121343	SSF x Near_LoA	-9,062	-0,055	0,285
CHR1	4121413	CHR1:4121413	SSF x Near_LoA	-8,362	-0,021	0,290
CHR1	4121420	CHR1:4121420	SSF x Near_LoA	-8,282	0,062	0,267
CHR1	4121494	CHR1:4121494	SSF x Near_LoA	-7,563	-0,029	0,282
CHR1	4121538	CHR1:4121538	SSF x Near_LoA	-8,090	-0,064	0,282
CHR1	4134725	CHR1:4134725	SSF x Near_LoA	-10,276	-0,020	0,300
CHR1	4134884	CHR1:4134884	SSF x Near_LoA	-7,798	0,009	0,295
CHR1	4149821	CHR1:4149821	SSF x Near_LoA	-5,796	-0,074	0,285
CHR1	4149830	CHR1:4149830	SSF x Near_LoA	-8,039	-0,114	0,286
CHR1	4149844	CHR1:4149844	SSF x Near_LoA	-6,192	-0,152	0,274
CHR1	4149950	CHR1:4149950	SSF x Near_LoA	-7,267	0,195	0,262
CHR1	4152059	CHR1:4152059	SSF x Near_LoA	-10,260	-0,069	0,283
CHR1	4152152	CHR1:4152152	SSF x Near_LoA	-7,429	-0,051	0,291
CHR1	4152276	CHR1:4152276	SSF x Near_LoA	-6,867	0,012	0,300
CHR1	4173460	CHR1:4173460	SSF x Near_LoA	-8,944	0,053	0,284
CHR1	4173554	CHR1:4173554	SSF x Near_LoA	-8,265	0,115	0,287
CHR1	4178511	CHR1:4178511	SSF x Near_LoA	-7,279	-0,056	0,285
CHR1	4178665	CHR1:4178665	SSF x Near_LoA	-9,033	-0,106	0,279
CHR1	418581	CHR1:418581	SSF x Near_LoA	-6,637	0,147	0,288
CHR1	418634	CHR1:418634	SSF x Near_LoA	-10,369	-0,010	0,293
CHR1	4202646	CHR1:4202646	SSF x Near_LoA	-7,561	0,072	0,290
CHR1	4202665	CHR1:4202665	SSF x Near_LoA	-8,293	-0,036	0,292
CHR1	4202700	CHR1:4202700	SSF x Near_LoA	-10,305	-0,081	0,275
CHR1	4202726	CHR1:4202726	SSF x Near_LoA	-7,686	-0,090	0,284
CHR1	4202731	CHR1:4202731	SSF x Near_LoA	-6,902	-0,080	0,279
CHR1	4202734	CHR1:4202734	SSF x Near_LoA	-8,747	0,006	0,268
CHR1	4202766	CHR1:4202766	SSF x Near_LoA	-7,210	-0,189	0,279
CHR1	4202800	CHR1:4202800	SSF x Near_LoA	-8,573	0,138	0,275
CHR1	4213191	CHR1:4213191	SSF x Near_LoA	-6,819	0,154	0,273
CHR1	4232655	CHR1:4232655	SSF x Near_LoA	-6,203	0,061	0,282

CHR1	4232805	CHR1:4232805	SSF x Near_LoA	-8,458	-0,039	0,286
CHR1	4232823	CHR1:4232823	SSF x Near_LoA	-7,094	0,066	0,291
CHR1	4232921	CHR1:4232921	SSF x Near_LoA	-8,608	-0,052	0,284
CHR1	4249529	CHR1:4249529	SSF x Near_LoA	-6,039	0,129	0,281
CHR1	4249559	CHR1:4249559	SSF x Near_LoA	-5,825	0,138	0,274
CHR1	4249565	CHR1:4249565	SSF x Near_LoA	-6,989	0,138	0,288
CHR1	4252138	CHR1:4252138	SSF x Near_LoA	-2,506	-0,232	0,261
CHR1	4317980	CHR1:4317980	SSF x Near_LoA	-6,562	0,021	0,285
CHR1	4319145	CHR1:4319145	SSF x Near_LoA	-8,455	-0,018	0,273
CHR1	4319153	CHR1:4319153	SSF x Near_LoA	-5,793	0,069	0,273
CHR1	4319369	CHR1:4319369	SSF x Near_LoA	-8,134	-0,058	0,285
CHR1	4319418	CHR1:4319418	SSF x Near_LoA	-9,058	-0,007	0,294
CHR1	4325975	CHR1:4325975	SSF x Near_LoA	-10,482	-0,014	0,288
CHR1	4326001	CHR1:4326001	SSF x Near_LoA	-5,194	0,159	0,279
CHR1	4326049	CHR1:4326049	SSF x Near_LoA	-1,876	-0,008	0,273
CHR1	4333679	CHR1:4333679	SSF x Near_LoA	-8,279	0,086	0,281
CHR1	4333822	CHR1:4333822	SSF x Near_LoA	-10,003	-0,104	0,290
CHR1	434214	CHR1:434214	SSF x Near_LoA	-8,352	-0,037	0,280
CHR1	4344112	CHR1:4344112	SSF x Near_LoA	-8,524	-0,031	0,294
CHR1	4344171	CHR1:4344171	SSF x Near_LoA	-7,916	-0,042	0,279
CHR1	4355361	CHR1:4355361	SSF x Near_LoA	-8,168	0,028	0,291
CHR1	4355426	CHR1:4355426	SSF x Near_LoA	-2,871	-0,126	0,292
CHR1	4355448	CHR1:4355448	SSF x Near_LoA	-7,497	-0,077	0,287
CHR1	4355449	CHR1:4355449	SSF x Near_LoA	-7,224	-0,011	0,292
CHR1	4355457	CHR1:4355457	SSF x Near_LoA	-9,113	0,053	0,275
CHR1	4355465	CHR1:4355465	SSF x Near_LoA	-8,132	0,117	0,261
CHR1	4355466	CHR1:4355466	SSF x Near_LoA	-8,061	0,118	0,270
CHR1	4355551	CHR1:4355551	SSF x Near_LoA	-5,346	-0,107	0,281
CHR1	4355553	CHR1:4355553	SSF x Near_LoA	-5,321	0,159	0,274
CHR1	4355554	CHR1:4355554	SSF x Near_LoA	-6,678	-0,133	0,283
CHR1	4355592	CHR1:4355592	SSF x Near_LoA	-8,438	0,151	0,275
CHR1	4355599	CHR1:4355599	SSF x Near_LoA	-4,444	0,255	0,259
CHR1	4355603	CHR1:4355603	SSF x Near_LoA	-8,182	0,101	0,276
CHR1	4355622	CHR1:4355622	SSF x Near_LoA	-9,194	0,019	0,293
CHR1	4355627	CHR1:4355627	SSF x Near_LoA	-3,086	0,026	0,289
CHR1	4355628	CHR1:4355628	SSF x Near_LoA	-8,942	0,015	0,294
CHR1	4363132	CHR1:4363132	SSF x Near_LoA	-10,587	0,005	0,290
CHR1	4363205	CHR1:4363205	SSF x Near_LoA	-7,630	-0,066	0,294
CHR1	4374590	CHR1:4374590	SSF x Near_LoA	-4,591	0,161	0,286
CHR1	4374608	CHR1:4374608	SSF x Near_LoA	-7,533	-0,062	0,287
CHR1	4374671	CHR1:4374671	SSF x Near_LoA	-7,520	0,108	0,271
CHR1	4374733	CHR1:4374733	SSF x Near_LoA	-4,867	0,142	0,274
CHR1	4374736	CHR1:4374736	SSF x Near_LoA	-9,264	0,021	0,294
CHR1	4374776	CHR1:4374776	SSF x Near_LoA	-7,949	0,056	0,279
CHR1	437896	CHR1:437896	SSF x Near_LoA	-8,632	0,020	0,287
CHR1	4379023	CHR1:4379023	SSF x Near_LoA	-4,866	-0,155	0,282
CHR1	4379025	CHR1:4379025	SSF x Near_LoA	-9,530	0,030	0,284
CHR1	4379282	CHR1:4379282	SSF x Near_LoA	-7,802	0,051	0,278
CHR1	4379286	CHR1:4379286	SSF x Near_LoA	-10,618	0,016	0,301
CHR1	4379324	CHR1:4379324	SSF x Near_LoA	-10,198	-0,071	0,279
CHR1	4379360	CHR1:4379360	SSF x Near_LoA	-9,357	-0,038	0,286
CHR1	4379415	CHR1:4379415	SSF x Near_LoA	-8,485	0,057	0,281
CHR1	4383797	CHR1:4383797	SSF x Near_LoA	-7,888	0,158	0,280

CHR1	4386749	CHR1:4386749	SSF x Near_LoA	-7,996	0,028	0,280
CHR1	4386952	CHR1:4386952	SSF x Near_LoA	-7,530	0,040	0,293
CHR1	4386974	CHR1:4386974	SSF x Near_LoA	-7,107	0,040	0,295
CHR1	4387050	CHR1:4387050	SSF x Near_LoA	-6,205	0,118	0,284
CHR1	4389600	CHR1:4389600	SSF x Near_LoA	-7,241	0,039	0,284
CHR1	4391292	CHR1:4391292	SSF x Near_LoA	-10,380	-0,062	0,292
CHR1	4391293	CHR1:4391293	SSF x Near_LoA	-9,975	-0,054	0,283
CHR1	4391388	CHR1:4391388	SSF x Near_LoA	-6,100	-0,078	0,295
CHR1	4393369	CHR1:4393369	SSF x Near_LoA	-9,158	-0,023	0,292
CHR1	4393386	CHR1:4393386	SSF x Near_LoA	-8,668	0,101	0,279
CHR1	4393415	CHR1:4393415	SSF x Near_LoA	-6,992	-0,060	0,283
CHR1	4393433	CHR1:4393433	SSF x Near_LoA	-7,664	-0,040	0,285
CHR1	4393446	CHR1:4393446	SSF x Near_LoA	-7,808	0,063	0,281
CHR1	4393462	CHR1:4393462	SSF x Near_LoA	-9,220	-0,144	0,295
CHR1	4393500	CHR1:4393500	SSF x Near_LoA	-8,547	-0,094	0,306
CHR1	4393547	CHR1:4393547	SSF x Near_LoA	-9,105	-0,008	0,280
CHR1	4393568	CHR1:4393568	SSF x Near_LoA	-6,321	0,138	0,304
CHR1	4393574	CHR1:4393574	SSF x Near_LoA	-7,537	-0,105	0,280
CHR1	441310	CHR1:441310	SSF x Near_LoA	-10,328	-0,062	0,264
CHR1	441437	CHR1:441437	SSF x Near_LoA	-10,113	0,040	0,293
CHR1	4430416	CHR1:4430416	SSF x Near_LoA	-5,546	0,136	0,292
CHR1	4430459	CHR1:4430459	SSF x Near_LoA	-5,141	0,169	0,275
CHR1	4430469	CHR1:4430469	SSF x Near_LoA	-8,528	0,086	0,289
CHR1	4434359	CHR1:4434359	SSF x Near_LoA	-6,353	0,109	0,281
CHR1	4434405	CHR1:4434405	SSF x Near_LoA	-7,225	-0,126	0,304
CHR1	4449294	CHR1:4449294	SSF x Near_LoA	-10,212	-0,009	0,282
CHR1	4449350	CHR1:4449350	SSF x Near_LoA	-8,180	0,042	0,291
CHR1	4449353	CHR1:4449353	SSF x Near_LoA	-7,956	0,042	0,297
CHR1	4449354	CHR1:4449354	SSF x Near_LoA	-7,693	0,010	0,290
CHR1	4450764	CHR1:4450764	SSF x Near_LoA	-6,522	0,128	0,272
CHR1	4450843	CHR1:4450843	SSF x Near_LoA	-6,527	0,068	0,285
CHR1	4450857	CHR1:4450857	SSF x Near_LoA	-4,912	-0,148	0,278
CHR1	4450915	CHR1:4450915	SSF x Near_LoA	-8,176	0,056	0,288
CHR1	4451719	CHR1:4451719	SSF x Near_LoA	-7,973	-0,056	0,288
CHR1	4451735	CHR1:4451735	SSF x Near_LoA	-7,386	-0,014	0,299
CHR1	4451834	CHR1:4451834	SSF x Near_LoA	-6,875	-0,131	0,284
CHR1	4452012	CHR1:4452012	SSF x Near_LoA	-6,736	0,046	0,296
CHR1	4463516	CHR1:4463516	SSF x Near_LoA	-10,729	-0,071	0,281
CHR1	4473462	CHR1:4473462	SSF x Near_LoA	-9,456	-0,070	0,282
CHR1	4474114	CHR1:4474114	SSF x Near_LoA	-7,352	0,001	0,285
CHR1	4484507	CHR1:4484507	SSF x Near_LoA	-3,335	0,135	0,291
CHR1	4484519	CHR1:4484519	SSF x Near_LoA	-7,389	-0,055	0,281
CHR1	4484525	CHR1:4484525	SSF x Near_LoA	-6,710	-0,135	0,287
CHR1	4489291	CHR1:4489291	SSF x Near_LoA	-7,310	-0,022	0,279
CHR1	4489293	CHR1:4489293	SSF x Near_LoA	-9,588	-0,034	0,282
CHR1	4489360	CHR1:4489360	SSF x Near_LoA	-7,645	0,044	0,287
CHR1	4490819	CHR1:4490819	SSF x Near_LoA	-7,656	0,056	0,292
CHR1	4627706	CHR1:4627706	SSF x Near_LoA	-8,319	-0,005	0,283
CHR1	4631224	CHR1:4631224	SSF x Near_LoA	-8,642	-0,028	0,291
CHR1	4638749	CHR1:4638749	SSF x Near_LoA	2,235	0,295	0,268
CHR1	4638771	CHR1:4638771	SSF x Near_LoA	-5,447	0,217	0,278
CHR1	4644544	CHR1:4644544	SSF x Near_LoA	-7,429	-0,043	0,288
CHR1	4670574	CHR1:4670574	SSF x Near_LoA	-8,900	0,007	0,282

CHR1	4684171	CHR1:4684171	SSF x Near_LoA	-8,549	0,089	0,287
CHR1	4684184	CHR1:4684184	SSF x Near_LoA	-7,034	-0,112	0,279
CHR1	4684302	CHR1:4684302	SSF x Near_LoA	-9,718	-0,110	0,284
CHR1	4684483	CHR1:4684483	SSF x Near_LoA	-7,616	-0,137	0,274
CHR1	4684495	CHR1:4684495	SSF x Near_LoA	-7,494	-0,115	0,300
CHR1	4691509	CHR1:4691509	SSF x Near_LoA	-7,669	-0,032	0,284
CHR1	4696398	CHR1:4696398	SSF x Near_LoA	-10,127	0,067	0,286
CHR1	4725234	CHR1:4725234	SSF x Near_LoA	-9,704	-0,022	0,281
CHR1	4725336	CHR1:4725336	SSF x Near_LoA	-10,499	0,022	0,286
CHR1	4728708	CHR1:4728708	SSF x Near_LoA	-9,385	0,061	0,279
CHR1	4731268	CHR1:4731268	SSF x Near_LoA	-8,262	-0,030	0,280
CHR1	4767433	CHR1:4767433	SSF x Near_LoA	-8,235	-0,055	0,303
CHR1	4767457	CHR1:4767457	SSF x Near_LoA	-8,113	-0,022	0,289
CHR1	4769144	CHR1:4769144	SSF x Near_LoA	-9,814	-0,087	0,278
CHR1	4769341	CHR1:4769341	SSF x Near_LoA	-9,029	-0,020	0,282
CHR1	477451	CHR1:477451	SSF x Near_LoA	-5,994	0,151	0,298
CHR1	4792781	CHR1:4792781	SSF x Near_LoA	-9,845	-0,019	0,290
CHR1	4792823	CHR1:4792823	SSF x Near_LoA	-6,294	0,130	0,289
CHR1	4805711	CHR1:4805711	SSF x Near_LoA	-6,394	0,177	0,265
CHR1	4805921	CHR1:4805921	SSF x Near_LoA	-7,347	-0,091	0,301
CHR1	4811033	CHR1:4811033	SSF x Near_LoA	-6,947	0,076	0,307
CHR1	4811435	CHR1:4811435	SSF x Near_LoA	-6,739	0,089	0,293
CHR1	4811441	CHR1:4811441	SSF x Near_LoA	-4,132	0,098	0,292
CHR1	4848781	CHR1:4848781	SSF x Near_LoA	-7,627	-0,075	0,297
CHR1	4923398	CHR1:4923398	SSF x Near_LoA	-6,311	0,144	0,276
CHR1	4923516	CHR1:4923516	SSF x Near_LoA	-5,567	-0,131	0,290
CHR1	4941281	CHR1:4941281	SSF x Near_LoA	-7,940	-0,029	0,278
CHR1	4949694	CHR1:4949694	SSF x Near_LoA	-9,182	0,006	0,292
CHR1	4949697	CHR1:4949697	SSF x Near_LoA	-4,075	-0,124	0,284
CHR1	4959679	CHR1:4959679	SSF x Near_LoA	-5,895	0,128	0,286
CHR1	4959944	CHR1:4959944	SSF x Near_LoA	-7,875	0,037	0,287
CHR1	4960004	CHR1:4960004	SSF x Near_LoA	-7,841	0,009	0,285
CHR1	4979711	CHR1:4979711	SSF x Near_LoA	-7,926	0,154	0,286
CHR1	4979721	CHR1:4979721	SSF x Near_LoA	-6,611	-0,170	0,276
CHR1	4979737	CHR1:4979737	SSF x Near_LoA	-6,737	-0,181	0,275
CHR1	499362	CHR1:499362	SSF x Near_LoA	-9,731	0,019	0,281
CHR1	4999923	CHR1:4999923	SSF x Near_LoA	-9,809	-0,075	0,293
CHR1	4999972	CHR1:4999972	SSF x Near_LoA	-9,285	0,025	0,268
CHR1	5000176	CHR1:5000176	SSF x Near_LoA	-8,054	-0,030	0,296
CHR1	5008308	CHR1:5008308	SSF x Near_LoA	-6,507	-0,136	0,293
CHR1	5008380	CHR1:5008380	SSF x Near_LoA	-7,336	0,187	0,279
CHR1	5008429	CHR1:5008429	SSF x Near_LoA	-9,964	0,015	0,283
CHR1	5018764	CHR1:5018764	SSF x Near_LoA	-8,906	0,112	0,285
CHR1	5018785	CHR1:5018785	SSF x Near_LoA	-6,912	0,016	0,289
CHR1	5018914	CHR1:5018914	SSF x Near_LoA	-9,820	0,083	0,289
CHR1	5019019	CHR1:5019019	SSF x Near_LoA	-6,374	0,096	0,279
CHR1	5019029	CHR1:5019029	SSF x Near_LoA	-9,578	0,010	0,274
CHR1	5022383	CHR1:5022383	SSF x Near_LoA	-5,847	0,172	0,278
CHR1	5022430	CHR1:5022430	SSF x Near_LoA	-6,109	0,195	0,268
CHR1	5022431	CHR1:5022431	SSF x Near_LoA	-7,049	0,110	0,287
CHR1	5022495	CHR1:5022495	SSF x Near_LoA	-7,309	0,170	0,279
CHR1	5022521	CHR1:5022521	SSF x Near_LoA	1,336	0,346	0,260
CHR1	5022532	CHR1:5022532	SSF x Near_LoA	-9,550	-0,011	0,283

CHR1	5022541	CHR1:5022541	SSF x Near_LoA	-7,115	0,214	0,281
CHR1	5022728	CHR1:5022728	SSF x Near_LoA	-9,292	-0,028	0,294
CHR1	5030927	CHR1:5030927	SSF x Near_LoA	-9,547	0,013	0,282
CHR1	5030987	CHR1:5030987	SSF x Near_LoA	-9,049	-0,026	0,286
CHR1	5031045	CHR1:5031045	SSF x Near_LoA	-10,470	-0,053	0,281
CHR1	5031147	CHR1:5031147	SSF x Near_LoA	-7,345	-0,146	0,280
CHR1	5031210	CHR1:5031210	SSF x Near_LoA	-8,360	-0,067	0,290
CHR1	5035716	CHR1:5035716	SSF x Near_LoA	-4,776	-0,034	0,304
CHR1	5035719	CHR1:5035719	SSF x Near_LoA	-9,119	0,144	0,265
CHR1	5035787	CHR1:5035787	SSF x Near_LoA	-9,287	-0,012	0,286
CHR1	5035882	CHR1:5035882	SSF x Near_LoA	-6,551	-0,079	0,291
CHR1	5035903	CHR1:5035903	SSF x Near_LoA	-7,876	-0,046	0,270
CHR1	5036080	CHR1:5036080	SSF x Near_LoA	-9,276	0,125	0,284
CHR1	5036771	CHR1:5036771	SSF x Near_LoA	-9,659	0,073	0,297
CHR1	5068162	CHR1:5068162	SSF x Near_LoA	-7,714	-0,035	0,288
CHR1	5085366	CHR1:5085366	SSF x Near_LoA	-3,229	-0,233	0,284
CHR1	5088177	CHR1:5088177	SSF x Near_LoA	-8,963	0,049	0,273
CHR1	5088210	CHR1:5088210	SSF x Near_LoA	-7,949	0,033	0,274
CHR1	5088434	CHR1:5088434	SSF x Near_LoA	-5,773	-0,134	0,292
CHR1	5088452	CHR1:5088452	SSF x Near_LoA	-9,826	-0,089	0,285
CHR1	5088456	CHR1:5088456	SSF x Near_LoA	-6,187	0,152	0,280
CHR1	5088462	CHR1:5088462	SSF x Near_LoA	-4,607	-0,124	0,294
CHR1	5103219	CHR1:5103219	SSF x Near_LoA	-9,528	-0,025	0,284
CHR1	5103476	CHR1:5103476	SSF x Near_LoA	-11,498	-0,020	0,274
CHR1	5103531	CHR1:5103531	SSF x Near_LoA	-7,005	-0,175	0,279
CHR1	5103689	CHR1:5103689	SSF x Near_LoA	-6,234	-0,066	0,300
CHR1	5107795	CHR1:5107795	SSF x Near_LoA	-8,408	0,116	0,294
CHR1	5107810	CHR1:5107810	SSF x Near_LoA	-5,460	0,188	0,276
CHR1	5107867	CHR1:5107867	SSF x Near_LoA	-9,713	-0,012	0,270
CHR1	5130482	CHR1:5130482	SSF x Near_LoA	-10,312	0,022	0,274
CHR1	5130568	CHR1:5130568	SSF x Near_LoA	-8,055	-0,021	0,288
CHR1	5130741	CHR1:5130741	SSF x Near_LoA	-7,633	-0,050	0,307
CHR1	5134291	CHR1:5134291	SSF x Near_LoA	-10,530	-0,065	0,273
CHR1	5134392	CHR1:5134392	SSF x Near_LoA	-8,289	-0,010	0,302
CHR1	5135259	CHR1:5135259	SSF x Near_LoA	-7,846	-0,061	0,285
CHR1	5135263	CHR1:5135263	SSF x Near_LoA	-2,799	-0,113	0,286
CHR1	5135266	CHR1:5135266	SSF x Near_LoA	-7,529	-0,104	0,285
CHR1	5138743	CHR1:5138743	SSF x Near_LoA	-4,928	-0,084	0,296
CHR1	5138818	CHR1:5138818	SSF x Near_LoA	-5,524	-0,144	0,276
CHR1	5138886	CHR1:5138886	SSF x Near_LoA	-3,796	-0,131	0,287
CHR1	5145240	CHR1:5145240	SSF x Near_LoA	-7,968	0,100	0,280
CHR1	5153430	CHR1:5153430	SSF x Near_LoA	-3,563	-0,102	0,290
CHR1	5153555	CHR1:5153555	SSF x Near_LoA	-10,356	0,023	0,294
CHR1	5153574	CHR1:5153574	SSF x Near_LoA	-5,329	0,115	0,287
CHR1	5191726	CHR1:5191726	SSF x Near_LoA	-7,713	-0,149	0,287
CHR1	5191763	CHR1:5191763	SSF x Near_LoA	-4,103	-0,023	0,297
CHR1	5212699	CHR1:5212699	SSF x Near_LoA	-9,251	0,115	0,287
CHR1	5212840	CHR1:5212840	SSF x Near_LoA	-8,059	-0,060	0,299
CHR1	5212971	CHR1:5212971	SSF x Near_LoA	-8,108	-0,093	0,286
CHR1	5224481	CHR1:5224481	SSF x Near_LoA	-9,372	0,032	0,281
CHR1	5224743	CHR1:5224743	SSF x Near_LoA	-7,997	-0,176	0,279
CHR1	5229878	CHR1:5229878	SSF x Near_LoA	-9,970	0,011	0,290
CHR1	5230020	CHR1:5230020	SSF x Near_LoA	-8,290	0,146	0,292

CHR1	5231540	CHR1:5231540	SSF x Near_LoA	-8,832	-0,120	0,281
CHR1	5231603	CHR1:5231603	SSF x Near_LoA	-8,529	-0,085	0,277
CHR1	5231717	CHR1:5231717	SSF x Near_LoA	-8,164	-0,009	0,285
CHR1	5237801	CHR1:5237801	SSF x Near_LoA	-0,433	0,284	0,278
CHR1	5243133	CHR1:5243133	SSF x Near_LoA	-7,181	-0,004	0,287
CHR1	5243197	CHR1:5243197	SSF x Near_LoA	-9,862	0,001	0,297
CHR1	5243570	CHR1:5243570	SSF x Near_LoA	-1,130	-0,223	0,285
CHR1	5243617	CHR1:5243617	SSF x Near_LoA	-8,510	-0,067	0,277
CHR1	525795	CHR1:525795	SSF x Near_LoA	-3,394	-0,156	0,276
CHR1	5266514	CHR1:5266514	SSF x Near_LoA	-7,071	-0,029	0,287
CHR1	5266557	CHR1:5266557	SSF x Near_LoA	-8,667	0,057	0,282
CHR1	5266605	CHR1:5266605	SSF x Near_LoA	-8,723	-0,041	0,276
CHR1	5266606	CHR1:5266606	SSF x Near_LoA	-5,447	-0,072	0,292
CHR1	5266720	CHR1:5266720	SSF x Near_LoA	-8,445	-0,072	0,286
CHR1	5266789	CHR1:5266789	SSF x Near_LoA	-6,922	0,053	0,281
CHR1	5266807	CHR1:5266807	SSF x Near_LoA	-7,860	0,064	0,292
CHR1	5272463	CHR1:5272463	SSF x Near_LoA	-5,978	-0,108	0,289
CHR1	5272532	CHR1:5272532	SSF x Near_LoA	-9,579	0,054	0,289
CHR1	5272552	CHR1:5272552	SSF x Near_LoA	-9,940	0,118	0,273
CHR1	5297780	CHR1:5297780	SSF x Near_LoA	-2,054	-0,153	0,284
CHR1	5298108	CHR1:5298108	SSF x Near_LoA	-8,754	0,000	0,290
CHR1	5302101	CHR1:5302101	SSF x Near_LoA	-10,408	-0,048	0,289
CHR1	5302128	CHR1:5302128	SSF x Near_LoA	-3,956	0,147	0,269
CHR1	5302340	CHR1:5302340	SSF x Near_LoA	-7,061	0,134	0,286
CHR1	5302365	CHR1:5302365	SSF x Near_LoA	-9,286	-0,093	0,284
CHR1	5304161	CHR1:5304161	SSF x Near_LoA	-5,091	0,167	0,275
CHR1	5304442	CHR1:5304442	SSF x Near_LoA	-6,650	0,100	0,290
CHR1	5311273	CHR1:5311273	SSF x Near_LoA	-9,017	-0,051	0,282
CHR1	5311482	CHR1:5311482	SSF x Near_LoA	-8,919	0,133	0,272
CHR1	5322061	CHR1:5322061	SSF x Near_LoA	-8,174	-0,019	0,287
CHR1	5322299	CHR1:5322299	SSF x Near_LoA	-6,302	-0,214	0,255
CHR1	5323553	CHR1:5323553	SSF x Near_LoA	-8,378	-0,059	0,278
CHR1	5324416	CHR1:5324416	SSF x Near_LoA	-9,055	-0,026	0,282
CHR1	5324632	CHR1:5324632	SSF x Near_LoA	-2,937	-0,010	0,282
CHR1	5324650	CHR1:5324650	SSF x Near_LoA	-5,621	-0,044	0,272
CHR1	5329549	CHR1:5329549	SSF x Near_LoA	-7,721	0,019	0,280
CHR1	5332244	CHR1:5332244	SSF x Near_LoA	-8,222	-0,103	0,292
CHR1	5335596	CHR1:5335596	SSF x Near_LoA	-9,179	-0,075	0,285
CHR1	5336223	CHR1:5336223	SSF x Near_LoA	-9,882	0,038	0,284
CHR1	5349407	CHR1:5349407	SSF x Near_LoA	-7,806	-0,085	0,279
CHR1	5363562	CHR1:5363562	SSF x Near_LoA	-7,620	-0,087	0,288
CHR1	5363577	CHR1:5363577	SSF x Near_LoA	-7,849	0,134	0,283
CHR1	5363580	CHR1:5363580	SSF x Near_LoA	-8,155	0,097	0,270
CHR1	5376030	CHR1:5376030	SSF x Near_LoA	0,194	0,225	0,267
CHR1	5376083	CHR1:5376083	SSF x Near_LoA	-5,575	0,153	0,264
CHR1	5376213	CHR1:5376213	SSF x Near_LoA	-9,855	-0,013	0,288
CHR1	5378351	CHR1:5378351	SSF x Near_LoA	-7,638	-0,074	0,290
CHR1	5390413	CHR1:5390413	SSF x Near_LoA	-8,784	-0,093	0,288
CHR1	5410107	CHR1:5410107	SSF x Near_LoA	-8,991	-0,015	0,283
CHR1	5412866	CHR1:5412866	SSF x Near_LoA	-4,532	-0,082	0,294
CHR1	5418112	CHR1:5418112	SSF x Near_LoA	-8,922	0,086	0,277
CHR1	5424977	CHR1:5424977	SSF x Near_LoA	-8,193	0,054	0,290
CHR1	5433899	CHR1:5433899	SSF x Near_LoA	-9,251	-0,020	0,296

CHR1	5437034	CHR1:5437034	SSF x Near_LoA	-8,361	-0,042	0,296
CHR1	5437050	CHR1:5437050	SSF x Near_LoA	-9,255	-0,047	0,285
CHR1	5437084	CHR1:5437084	SSF x Near_LoA	-6,671	0,238	0,291
CHR1	5437104	CHR1:5437104	SSF x Near_LoA	-8,128	0,088	0,275
CHR1	5437106	CHR1:5437106	SSF x Near_LoA	-9,896	-0,036	0,294
CHR1	5441824	CHR1:5441824	SSF x Near_LoA	-5,991	-0,136	0,280
CHR1	5441867	CHR1:5441867	SSF x Near_LoA	-8,833	-0,073	0,284
CHR1	5443288	CHR1:5443288	SSF x Near_LoA	-10,634	0,056	0,287
CHR1	5443399	CHR1:5443399	SSF x Near_LoA	1,087	-0,111	0,275
CHR1	5443451	CHR1:5443451	SSF x Near_LoA	-8,615	0,019	0,295
CHR1	5448773	CHR1:5448773	SSF x Near_LoA	-8,121	0,085	0,286
CHR1	5448809	CHR1:5448809	SSF x Near_LoA	-7,093	0,136	0,276
CHR1	5501940	CHR1:5501940	SSF x Near_LoA	-7,733	0,003	0,307
CHR1	5502154	CHR1:5502154	SSF x Near_LoA	-6,502	0,144	0,271
CHR1	5510135	CHR1:5510135	SSF x Near_LoA	-8,052	0,040	0,278
CHR1	5550466	CHR1:5550466	SSF x Near_LoA	-4,426	-0,168	0,276
CHR1	5550564	CHR1:5550564	SSF x Near_LoA	-7,666	-0,017	0,283
CHR1	5560944	CHR1:5560944	SSF x Near_LoA	-9,053	-0,069	0,287
CHR1	5560987	CHR1:5560987	SSF x Near_LoA	-10,223	0,004	0,292
CHR1	5561005	CHR1:5561005	SSF x Near_LoA	-9,375	-0,020	0,296
CHR1	5561109	CHR1:5561109	SSF x Near_LoA	-8,319	-0,012	0,297
CHR1	5561138	CHR1:5561138	SSF x Near_LoA	-7,991	-0,040	0,297
CHR1	5568296	CHR1:5568296	SSF x Near_LoA	-10,067	-0,076	0,289
CHR1	5568465	CHR1:5568465	SSF x Near_LoA	-8,909	0,015	0,284
CHR1	5579909	CHR1:5579909	SSF x Near_LoA	-6,837	-0,184	0,286
CHR1	5579969	CHR1:5579969	SSF x Near_LoA	-6,342	-0,153	0,290
CHR1	5580005	CHR1:5580005	SSF x Near_LoA	-8,391	-0,155	0,285
CHR1	5584524	CHR1:5584524	SSF x Near_LoA	-6,245	-0,063	0,286
CHR1	5584534	CHR1:5584534	SSF x Near_LoA	-6,706	0,021	0,295
CHR1	563544	CHR1:563544	SSF x Near_LoA	-9,299	-0,021	0,273
CHR1	5717517	CHR1:5717517	SSF x Near_LoA	-7,076	-0,115	0,279
CHR1	5717605	CHR1:5717605	SSF x Near_LoA	-8,617	-0,029	0,274
CHR1	5717674	CHR1:5717674	SSF x Near_LoA	-7,464	0,095	0,284
CHR1	5717706	CHR1:5717706	SSF x Near_LoA	-6,559	0,027	0,284
CHR1	5717709	CHR1:5717709	SSF x Near_LoA	-9,014	0,022	0,281
CHR1	5717725	CHR1:5717725	SSF x Near_LoA	-8,224	0,019	0,290
CHR1	5717733	CHR1:5717733	SSF x Near_LoA	-6,827	-0,070	0,290
CHR1	5726089	CHR1:5726089	SSF x Near_LoA	-6,434	0,020	0,288
CHR1	5726313	CHR1:5726313	SSF x Near_LoA	-9,564	-0,046	0,288
CHR1	5733428	CHR1:5733428	SSF x Near_LoA	-10,429	0,087	0,287
CHR1	5733494	CHR1:5733494	SSF x Near_LoA	-9,098	0,084	0,308
CHR1	5744636	CHR1:5744636	SSF x Near_LoA	-4,186	0,121	0,286
CHR1	5744714	CHR1:5744714	SSF x Near_LoA	-7,719	0,087	0,271
CHR1	5744845	CHR1:5744845	SSF x Near_LoA	-9,129	-0,016	0,279
CHR1	5747879	CHR1:5747879	SSF x Near_LoA	-6,698	-0,038	0,292
CHR1	5747898	CHR1:5747898	SSF x Near_LoA	3,406	0,157	0,268
CHR1	5747952	CHR1:5747952	SSF x Near_LoA	-10,915	-0,020	0,285
CHR1	5747975	CHR1:5747975	SSF x Near_LoA	-8,860	-0,098	0,281
CHR1	5748019	CHR1:5748019	SSF x Near_LoA	-6,648	-0,125	0,290
CHR1	5750973	CHR1:5750973	SSF x Near_LoA	-8,077	-0,140	0,278
CHR1	5751173	CHR1:5751173	SSF x Near_LoA	-8,086	-0,080	0,271
CHR1	5768339	CHR1:5768339	SSF x Near_LoA	-7,779	-0,058	0,283
CHR1	5768343	CHR1:5768343	SSF x Near_LoA	-8,526	0,049	0,288

CHR1	5768409	CHR1:5768409	SSF x Near_LoA	-8,388	0,028	0,297
CHR1	5784448	CHR1:5784448	SSF x Near_LoA	-8,454	0,024	0,299
CHR1	5784467	CHR1:5784467	SSF x Near_LoA	-9,737	0,047	0,294
CHR1	5784727	CHR1:5784727	SSF x Near_LoA	-7,813	-0,022	0,274
CHR1	5820096	CHR1:5820096	SSF x Near_LoA	-10,169	-0,082	0,288
CHR1	5821389	CHR1:5821389	SSF x Near_LoA	-7,357	0,045	0,282
CHR1	5837993	CHR1:5837993	SSF x Near_LoA	-7,329	0,094	0,285
CHR1	5916605	CHR1:5916605	SSF x Near_LoA	-6,716	0,131	0,287
CHR1	5921864	CHR1:5921864	SSF x Near_LoA	-3,294	-0,086	0,289
CHR1	594624	CHR1:594624	SSF x Near_LoA	-6,541	-0,113	0,282
CHR1	594636	CHR1:594636	SSF x Near_LoA	-7,132	0,100	0,293
CHR1	594684	CHR1:594684	SSF x Near_LoA	-6,937	-0,180	0,288
CHR1	5954447	CHR1:5954447	SSF x Near_LoA	-4,421	0,152	0,279
CHR1	5954479	CHR1:5954479	SSF x Near_LoA	-7,831	0,016	0,294
CHR1	5954525	CHR1:5954525	SSF x Near_LoA	-7,688	-0,034	0,268
CHR1	5954682	CHR1:5954682	SSF x Near_LoA	-4,335	0,097	0,291
CHR1	5975473	CHR1:5975473	SSF x Near_LoA	-9,208	0,074	0,286
CHR1	5975477	CHR1:5975477	SSF x Near_LoA	5,174	-0,137	0,282
CHR1	6006122	CHR1:6006122	SSF x Near_LoA	-3,826	0,091	0,296
CHR1	6006233	CHR1:6006233	SSF x Near_LoA	-7,730	-0,193	0,281
CHR1	6029640	CHR1:6029640	SSF x Near_LoA	-9,159	-0,106	0,280
CHR1	6029643	CHR1:6029643	SSF x Near_LoA	-8,272	0,005	0,294
CHR1	6029790	CHR1:6029790	SSF x Near_LoA	-7,776	0,001	0,300
CHR1	6029902	CHR1:6029902	SSF x Near_LoA	7,061	-0,215	0,281
CHR1	6030035	CHR1:6030035	SSF x Near_LoA	-9,227	-0,066	0,283
CHR1	6030054	CHR1:6030054	SSF x Near_LoA	-8,924	-0,080	0,277
CHR1	6056907	CHR1:6056907	SSF x Near_LoA	-9,780	0,014	0,279
CHR1	6056908	CHR1:6056908	SSF x Near_LoA	-9,263	-0,046	0,296
CHR1	6057037	CHR1:6057037	SSF x Near_LoA	-9,274	-0,057	0,267
CHR1	6071577	CHR1:6071577	SSF x Near_LoA	-8,891	0,039	0,299
CHR1	6071807	CHR1:6071807	SSF x Near_LoA	-9,261	0,093	0,289
CHR1	6071904	CHR1:6071904	SSF x Near_LoA	-9,569	0,006	0,281
CHR1	6075146	CHR1:6075146	SSF x Near_LoA	-8,853	0,070	0,278
CHR1	6075207	CHR1:6075207	SSF x Near_LoA	-9,382	-0,012	0,291
CHR1	6075378	CHR1:6075378	SSF x Near_LoA	-8,777	-0,037	0,280
CHR1	6075458	CHR1:6075458	SSF x Near_LoA	-7,725	-0,031	0,294
CHR1	6079532	CHR1:6079532	SSF x Near_LoA	-8,149	-0,094	0,286
CHR1	6081034	CHR1:6081034	SSF x Near_LoA	-7,597	-0,142	0,284
CHR1	6081145	CHR1:6081145	SSF x Near_LoA	-7,997	0,186	0,271
CHR1	6090438	CHR1:6090438	SSF x Near_LoA	-8,895	-0,033	0,285
CHR1	6090503	CHR1:6090503	SSF x Near_LoA	-6,163	0,053	0,302
CHR1	6090683	CHR1:6090683	SSF x Near_LoA	-9,806	0,078	0,282
CHR1	6090719	CHR1:6090719	SSF x Near_LoA	-10,076	0,094	0,272
CHR1	6090781	CHR1:6090781	SSF x Near_LoA	-9,394	0,048	0,278
CHR1	6090864	CHR1:6090864	SSF x Near_LoA	-9,348	-0,106	0,268
CHR1	6090887	CHR1:6090887	SSF x Near_LoA	-7,803	0,035	0,288
CHR1	6118334	CHR1:6118334	SSF x Near_LoA	-10,133	-0,058	0,299
CHR1	6118639	CHR1:6118639	SSF x Near_LoA	-7,665	0,116	0,305
CHR1	6148021	CHR1:6148021	SSF x Near_LoA	-7,595	-0,024	0,293
CHR1	6148142	CHR1:6148142	SSF x Near_LoA	-8,057	-0,064	0,288
CHR1	6148278	CHR1:6148278	SSF x Near_LoA	-7,732	0,004	0,288
CHR1	6164491	CHR1:6164491	SSF x Near_LoA	-6,595	0,167	0,297
CHR1	6166650	CHR1:6166650	SSF x Near_LoA	-8,702	-0,110	0,282

CHR1	6166652	CHR1:6166652	SSF x Near_LoA	-6,966	0,105	0,256
CHR1	6166711	CHR1:6166711	SSF x Near_LoA	-10,233	-0,043	0,290
CHR1	6166721	CHR1:6166721	SSF x Near_LoA	-10,429	-0,037	0,304
CHR1	6180319	CHR1:6180319	SSF x Near_LoA	-10,495	0,007	0,289
CHR1	6180608	CHR1:6180608	SSF x Near_LoA	-7,582	0,139	0,292
CHR1	6186647	CHR1:6186647	SSF x Near_LoA	-9,628	-0,078	0,286
CHR1	6186719	CHR1:6186719	SSF x Near_LoA	-9,826	-0,079	0,297
CHR1	6201941	CHR1:6201941	SSF x Near_LoA	-7,537	-0,073	0,285
CHR1	6201957	CHR1:6201957	SSF x Near_LoA	-5,411	-0,169	0,276
CHR1	6201992	CHR1:6201992	SSF x Near_LoA	-5,638	-0,105	0,275
CHR1	6201998	CHR1:6201998	SSF x Near_LoA	-5,751	-0,151	0,279
CHR1	6202131	CHR1:6202131	SSF x Near_LoA	-6,617	-0,142	0,286
CHR1	6203532	CHR1:6203532	SSF x Near_LoA	-7,360	-0,033	0,292
CHR1	6203620	CHR1:6203620	SSF x Near_LoA	-8,256	0,037	0,282
CHR1	6206904	CHR1:6206904	SSF x Near_LoA	-8,474	0,000	0,277
CHR1	6206972	CHR1:6206972	SSF x Near_LoA	-8,011	-0,090	0,278
CHR1	6216893	CHR1:6216893	SSF x Near_LoA	-10,164	-0,042	0,293
CHR1	6217015	CHR1:6217015	SSF x Near_LoA	-8,948	-0,020	0,306
CHR1	6217225	CHR1:6217225	SSF x Near_LoA	-7,410	0,025	0,287
CHR1	6217257	CHR1:6217257	SSF x Near_LoA	-5,145	-0,073	0,291
CHR1	6217265	CHR1:6217265	SSF x Near_LoA	-8,006	0,075	0,283
CHR1	6217321	CHR1:6217321	SSF x Near_LoA	-9,972	-0,043	0,289
CHR1	6221737	CHR1:6221737	SSF x Near_LoA	-5,978	-0,182	0,286
CHR1	6221901	CHR1:6221901	SSF x Near_LoA	-5,192	0,133	0,286
CHR1	6221902	CHR1:6221902	SSF x Near_LoA	-5,904	-0,162	0,273
CHR1	6222067	CHR1:6222067	SSF x Near_LoA	-8,092	-0,076	0,278
CHR1	6225124	CHR1:6225124	SSF x Near_LoA	-7,248	-0,003	0,294
CHR1	6225319	CHR1:6225319	SSF x Near_LoA	-7,267	-0,066	0,295
CHR1	6225429	CHR1:6225429	SSF x Near_LoA	-6,378	-0,073	0,268
CHR1	6232607	CHR1:6232607	SSF x Near_LoA	-8,869	0,078	0,289
CHR1	6232715	CHR1:6232715	SSF x Near_LoA	-9,077	-0,043	0,283
CHR1	6232761	CHR1:6232761	SSF x Near_LoA	-7,876	-0,121	0,289
CHR1	6232766	CHR1:6232766	SSF x Near_LoA	-7,379	-0,100	0,295
CHR1	6232803	CHR1:6232803	SSF x Near_LoA	-8,358	0,041	0,280
CHR1	6258917	CHR1:6258917	SSF x Near_LoA	-9,759	-0,095	0,297
CHR1	6258970	CHR1:6258970	SSF x Near_LoA	-6,280	0,184	0,285
CHR1	6278952	CHR1:6278952	SSF x Near_LoA	-9,651	0,031	0,282
CHR1	6279004	CHR1:6279004	SSF x Near_LoA	-10,027	-0,017	0,286
CHR1	6293029	CHR1:6293029	SSF x Near_LoA	-2,861	0,097	0,294
CHR1	6293047	CHR1:6293047	SSF x Near_LoA	-9,179	-0,110	0,289
CHR1	6294958	CHR1:6294958	SSF x Near_LoA	-10,185	-0,055	0,292
CHR1	6308916	CHR1:6308916	SSF x Near_LoA	-10,197	-0,046	0,296
CHR1	6309154	CHR1:6309154	SSF x Near_LoA	-7,840	-0,049	0,298
CHR1	6309263	CHR1:6309263	SSF x Near_LoA	-9,393	-0,154	0,285
CHR1	6309299	CHR1:6309299	SSF x Near_LoA	-7,621	-0,050	0,289
CHR1	6309300	CHR1:6309300	SSF x Near_LoA	-7,657	-0,028	0,297
CHR1	6309307	CHR1:6309307	SSF x Near_LoA	-6,157	0,192	0,280
CHR1	6309342	CHR1:6309342	SSF x Near_LoA	-4,764	0,058	0,302
CHR1	6314947	CHR1:6314947	SSF x Near_LoA	-9,002	-0,149	0,295
CHR1	6315069	CHR1:6315069	SSF x Near_LoA	-6,712	0,155	0,293
CHR1	6315148	CHR1:6315148	SSF x Near_LoA	-6,489	0,162	0,278
CHR1	6315304	CHR1:6315304	SSF x Near_LoA	-8,913	0,039	0,281
CHR1	6315336	CHR1:6315336	SSF x Near_LoA	-1,258	0,210	0,286

CHR1	6315350	CHR1:6315350	SSF x Near_LoA	-3,479	0,136	0,273
CHR1	6315367	CHR1:6315367	SSF x Near_LoA	-10,918	-0,045	0,288
CHR1	6328769	CHR1:6328769	SSF x Near_LoA	-6,687	-0,091	0,267
CHR1	6328967	CHR1:6328967	SSF x Near_LoA	-10,324	0,051	0,287
CHR1	6328984	CHR1:6328984	SSF x Near_LoA	-7,357	0,058	0,287
CHR1	6329063	CHR1:6329063	SSF x Near_LoA	-9,828	0,071	0,275
CHR1	6337203	CHR1:6337203	SSF x Near_LoA	-6,974	0,105	0,275
CHR1	6337315	CHR1:6337315	SSF x Near_LoA	-5,084	0,097	0,301
CHR1	6337331	CHR1:6337331	SSF x Near_LoA	-9,796	0,019	0,279
CHR1	6345215	CHR1:6345215	SSF x Near_LoA	-7,733	0,021	0,277
CHR1	6345262	CHR1:6345262	SSF x Near_LoA	4,744	-0,232	0,269
CHR1	6345292	CHR1:6345292	SSF x Near_LoA	-7,053	0,159	0,277
CHR1	6345403	CHR1:6345403	SSF x Near_LoA	-7,151	0,093	0,285
CHR1	6345580	CHR1:6345580	SSF x Near_LoA	-5,704	-0,084	0,301
CHR1	6345581	CHR1:6345581	SSF x Near_LoA	-5,639	-0,085	0,297
CHR1	6345600	CHR1:6345600	SSF x Near_LoA	-8,433	0,097	0,289
CHR1	6355971	CHR1:6355971	SSF x Near_LoA	-7,651	0,162	0,292
CHR1	6356068	CHR1:6356068	SSF x Near_LoA	-8,104	0,010	0,277
CHR1	6356105	CHR1:6356105	SSF x Near_LoA	-9,112	-0,053	0,286
CHR1	6356144	CHR1:6356144	SSF x Near_LoA	-7,185	-0,104	0,278
CHR1	6356156	CHR1:6356156	SSF x Near_LoA	-6,792	-0,204	0,268
CHR1	6356161	CHR1:6356161	SSF x Near_LoA	-7,158	0,001	0,289
CHR1	6356176	CHR1:6356176	SSF x Near_LoA	-10,130	0,000	0,288
CHR1	6356246	CHR1:6356246	SSF x Near_LoA	-8,542	0,136	0,282
CHR1	6360933	CHR1:6360933	SSF x Near_LoA	-7,179	0,100	0,273
CHR1	6361044	CHR1:6361044	SSF x Near_LoA	-5,200	0,153	0,268
CHR1	6361050	CHR1:6361050	SSF x Near_LoA	-9,957	-0,030	0,271
CHR1	6361065	CHR1:6361065	SSF x Near_LoA	-10,570	-0,065	0,262
CHR1	6361277	CHR1:6361277	SSF x Near_LoA	-7,739	-0,044	0,284
CHR1	6361306	CHR1:6361306	SSF x Near_LoA	-7,608	-0,029	0,281
CHR1	6364833	CHR1:6364833	SSF x Near_LoA	-6,175	0,208	0,275
CHR1	6364956	CHR1:6364956	SSF x Near_LoA	-9,992	0,078	0,277
CHR1	6364959	CHR1:6364959	SSF x Near_LoA	-7,011	0,154	0,276
CHR1	6365166	CHR1:6365166	SSF x Near_LoA	-9,443	-0,101	0,280
CHR1	6374533	CHR1:6374533	SSF x Near_LoA	-5,504	-0,114	0,292
CHR1	6374640	CHR1:6374640	SSF x Near_LoA	-7,086	0,043	0,310
CHR1	6378104	CHR1:6378104	SSF x Near_LoA	-8,012	-0,049	0,275
CHR1	6378363	CHR1:6378363	SSF x Near_LoA	-10,004	0,043	0,285
CHR1	6390727	CHR1:6390727	SSF x Near_LoA	-8,810	0,024	0,297
CHR1	6391057	CHR1:6391057	SSF x Near_LoA	-9,094	0,044	0,291
CHR1	6408714	CHR1:6408714	SSF x Near_LoA	-8,690	-0,108	0,262
CHR1	6409010	CHR1:6409010	SSF x Near_LoA	-8,129	0,072	0,294
CHR1	6424025	CHR1:6424025	SSF x Near_LoA	-7,648	0,047	0,271
CHR1	6424969	CHR1:6424969	SSF x Near_LoA	-7,435	-0,041	0,285
CHR1	6429088	CHR1:6429088	SSF x Near_LoA	-9,380	-0,017	0,292
CHR1	6429169	CHR1:6429169	SSF x Near_LoA	-6,242	-0,077	0,280
CHR1	6429307	CHR1:6429307	SSF x Near_LoA	-5,825	-0,097	0,291
CHR1	6429328	CHR1:6429328	SSF x Near_LoA	-8,562	-0,056	0,290
CHR1	6429384	CHR1:6429384	SSF x Near_LoA	-9,174	-0,081	0,287
CHR1	6439558	CHR1:6439558	SSF x Near_LoA	-9,080	0,010	0,286
CHR1	6527217	CHR1:6527217	SSF x Near_LoA	-8,714	0,087	0,285
CHR1	6539022	CHR1:6539022	SSF x Near_LoA	-6,488	0,168	0,281
CHR1	6539042	CHR1:6539042	SSF x Near_LoA	-9,166	-0,003	0,290

CHR1	6539058	CHR1:6539058	SSF x Near_LoA	-5,186	0,187	0,277
CHR1	6539168	CHR1:6539168	SSF x Near_LoA	-7,094	0,012	0,296
CHR1	6539177	CHR1:6539177	SSF x Near_LoA	-10,062	-0,038	0,297
CHR1	6539198	CHR1:6539198	SSF x Near_LoA	-8,395	-0,083	0,281
CHR1	6539208	CHR1:6539208	SSF x Near_LoA	-7,410	0,187	0,264
CHR1	6539224	CHR1:6539224	SSF x Near_LoA	-6,386	-0,136	0,284
CHR1	6541129	CHR1:6541129	SSF x Near_LoA	-9,171	-0,061	0,274
CHR1	6555678	CHR1:6555678	SSF x Near_LoA	-5,901	0,096	0,279
CHR1	6559198	CHR1:6559198	SSF x Near_LoA	-8,973	0,044	0,290
CHR1	6559203	CHR1:6559203	SSF x Near_LoA	-8,439	0,055	0,283
CHR1	6559206	CHR1:6559206	SSF x Near_LoA	-10,360	0,027	0,289
CHR1	6570402	CHR1:6570402	SSF x Near_LoA	-4,490	0,113	0,271
CHR1	6570412	CHR1:6570412	SSF x Near_LoA	-5,618	-0,032	0,285
CHR1	6570429	CHR1:6570429	SSF x Near_LoA	-7,915	0,043	0,299
CHR1	6570435	CHR1:6570435	SSF x Near_LoA	-9,379	0,024	0,292
CHR1	6570480	CHR1:6570480	SSF x Near_LoA	-6,410	0,025	0,293
CHR1	6570482	CHR1:6570482	SSF x Near_LoA	-5,624	0,160	0,297
CHR1	6570486	CHR1:6570486	SSF x Near_LoA	-7,221	0,212	0,280
CHR1	6570509	CHR1:6570509	SSF x Near_LoA	-7,091	-0,021	0,286
CHR1	6570550	CHR1:6570550	SSF x Near_LoA	-8,764	0,052	0,303
CHR1	6570552	CHR1:6570552	SSF x Near_LoA	-5,484	-0,144	0,291
CHR1	6570587	CHR1:6570587	SSF x Near_LoA	-5,910	-0,114	0,280
CHR1	6570617	CHR1:6570617	SSF x Near_LoA	-5,559	-0,072	0,301
CHR1	6570686	CHR1:6570686	SSF x Near_LoA	-9,182	-0,117	0,283
CHR1	6570694	CHR1:6570694	SSF x Near_LoA	-8,796	0,093	0,294
CHR1	6575186	CHR1:6575186	SSF x Near_LoA	-8,239	-0,012	0,293
CHR1	6575229	CHR1:6575229	SSF x Near_LoA	-8,526	0,010	0,293
CHR1	6575231	CHR1:6575231	SSF x Near_LoA	-9,031	-0,010	0,284
CHR1	6575374	CHR1:6575374	SSF x Near_LoA	-9,631	0,044	0,282
CHR1	6575409	CHR1:6575409	SSF x Near_LoA	-3,194	-0,050	0,283
CHR1	6575504	CHR1:6575504	SSF x Near_LoA	-8,499	0,003	0,275
CHR1	6583457	CHR1:6583457	SSF x Near_LoA	-9,923	-0,025	0,298
CHR1	6583720	CHR1:6583720	SSF x Near_LoA	-9,013	0,137	0,272
CHR1	6583746	CHR1:6583746	SSF x Near_LoA	-7,574	-0,005	0,280
CHR1	6589499	CHR1:6589499	SSF x Near_LoA	-8,913	-0,035	0,280
CHR1	6589659	CHR1:6589659	SSF x Near_LoA	-5,737	-0,170	0,268
CHR1	6590838	CHR1:6590838	SSF x Near_LoA	-10,658	0,006	0,286
CHR1	6590908	CHR1:6590908	SSF x Near_LoA	-3,376	0,306	0,257
CHR1	6601625	CHR1:6601625	SSF x Near_LoA	-7,101	-0,099	0,304
CHR1	6601639	CHR1:6601639	SSF x Near_LoA	-5,126	-0,198	0,272
CHR1	6601685	CHR1:6601685	SSF x Near_LoA	-7,125	-0,044	0,303
CHR1	6601694	CHR1:6601694	SSF x Near_LoA	-8,188	-0,020	0,299
CHR1	6601702	CHR1:6601702	SSF x Near_LoA	-7,435	-0,064	0,286
CHR1	6601706	CHR1:6601706	SSF x Near_LoA	-6,739	0,118	0,288
CHR1	6601716	CHR1:6601716	SSF x Near_LoA	-8,785	0,034	0,286
CHR1	6601727	CHR1:6601727	SSF x Near_LoA	-6,530	0,181	0,276
CHR1	6601741	CHR1:6601741	SSF x Near_LoA	-6,499	-0,120	0,294
CHR1	6601749	CHR1:6601749	SSF x Near_LoA	-7,751	0,201	0,283
CHR1	6601757	CHR1:6601757	SSF x Near_LoA	-7,452	-0,072	0,280
CHR1	6601778	CHR1:6601778	SSF x Near_LoA	-9,538	0,054	0,277
CHR1	6601813	CHR1:6601813	SSF x Near_LoA	-7,595	0,030	0,292
CHR1	6601849	CHR1:6601849	SSF x Near_LoA	-5,866	-0,085	0,291
CHR1	6601882	CHR1:6601882	SSF x Near_LoA	-7,860	0,024	0,298

CHR1	6612844	CHR1:6612844	SSF x Near_LoA	-8,226	-0,017	0,279
CHR1	6612863	CHR1:6612863	SSF x Near_LoA	-9,100	0,014	0,277
CHR1	6612987	CHR1:6612987	SSF x Near_LoA	-9,749	-0,095	0,281
CHR1	6613096	CHR1:6613096	SSF x Near_LoA	-8,442	0,104	0,272
CHR1	6623791	CHR1:6623791	SSF x Near_LoA	-7,285	-0,176	0,276
CHR1	6699869	CHR1:6699869	SSF x Near_LoA	-7,669	-0,017	0,289
CHR1	6699980	CHR1:6699980	SSF x Near_LoA	-7,149	-0,032	0,301
CHR1	6739833	CHR1:6739833	SSF x Near_LoA	-8,824	0,010	0,293
CHR1	6739852	CHR1:6739852	SSF x Near_LoA	-7,782	0,001	0,308
CHR1	6739936	CHR1:6739936	SSF x Near_LoA	-10,027	0,004	0,290
CHR1	6758418	CHR1:6758418	SSF x Near_LoA	-7,649	-0,042	0,282
CHR1	6758439	CHR1:6758439	SSF x Near_LoA	-8,287	-0,036	0,296
CHR1	6758566	CHR1:6758566	SSF x Near_LoA	-8,504	0,054	0,281
CHR1	6758594	CHR1:6758594	SSF x Near_LoA	-8,970	0,030	0,291
CHR1	6758609	CHR1:6758609	SSF x Near_LoA	-9,234	-0,036	0,290
CHR1	6765818	CHR1:6765818	SSF x Near_LoA	-9,579	0,027	0,289
CHR1	6765828	CHR1:6765828	SSF x Near_LoA	-8,272	0,060	0,292
CHR1	6777177	CHR1:6777177	SSF x Near_LoA	-6,958	-0,057	0,298
CHR1	6777183	CHR1:6777183	SSF x Near_LoA	-6,616	-0,124	0,272
CHR1	6777248	CHR1:6777248	SSF x Near_LoA	-8,924	-0,101	0,293
CHR1	6790341	CHR1:6790341	SSF x Near_LoA	-7,421	0,043	0,287
CHR1	6791728	CHR1:6791728	SSF x Near_LoA	-7,216	-0,042	0,286
CHR1	6813620	CHR1:6813620	SSF x Near_LoA	-4,410	0,111	0,287
CHR1	6813804	CHR1:6813804	SSF x Near_LoA	-9,060	0,089	0,275
CHR1	6823521	CHR1:6823521	SSF x Near_LoA	-9,082	-0,082	0,279
CHR1	6823644	CHR1:6823644	SSF x Near_LoA	-8,620	-0,036	0,286
CHR1	6827047	CHR1:6827047	SSF x Near_LoA	-8,123	-0,051	0,291
CHR1	6827057	CHR1:6827057	SSF x Near_LoA	-6,491	0,139	0,273
CHR1	6840508	CHR1:6840508	SSF x Near_LoA	-7,887	0,083	0,285
CHR1	6840510	CHR1:6840510	SSF x Near_LoA	-5,669	0,078	0,290
CHR1	6840543	CHR1:6840543	SSF x Near_LoA	-7,134	0,047	0,275
CHR1	6840562	CHR1:6840562	SSF x Near_LoA	-7,368	0,049	0,269
CHR1	6840707	CHR1:6840707	SSF x Near_LoA	-7,402	-0,105	0,280
CHR1	6840711	CHR1:6840711	SSF x Near_LoA	-7,005	-0,057	0,294
CHR1	6840750	CHR1:6840750	SSF x Near_LoA	-6,895	0,113	0,285
CHR1	6840903	CHR1:6840903	SSF x Near_LoA	-9,371	-0,156	0,289
CHR1	6852657	CHR1:6852657	SSF x Near_LoA	-9,307	0,007	0,295
CHR1	6852732	CHR1:6852732	SSF x Near_LoA	-10,356	-0,048	0,269
CHR1	6854801	CHR1:6854801	SSF x Near_LoA	-9,296	0,036	0,287
CHR1	6854816	CHR1:6854816	SSF x Near_LoA	-7,967	-0,032	0,283
CHR1	6854849	CHR1:6854849	SSF x Near_LoA	-7,561	0,006	0,288
CHR1	6854872	CHR1:6854872	SSF x Near_LoA	-7,279	0,054	0,286
CHR1	6854897	CHR1:6854897	SSF x Near_LoA	-6,931	0,029	0,293
CHR1	6854900	CHR1:6854900	SSF x Near_LoA	-7,080	0,065	0,303
CHR1	6854941	CHR1:6854941	SSF x Near_LoA	-4,250	0,094	0,277
CHR1	6854974	CHR1:6854974	SSF x Near_LoA	-9,737	0,062	0,270
CHR1	6886598	CHR1:6886598	SSF x Near_LoA	-6,479	0,089	0,276
CHR1	6886637	CHR1:6886637	SSF x Near_LoA	-10,037	-0,146	0,277
CHR1	6886837	CHR1:6886837	SSF x Near_LoA	-9,219	0,030	0,289
CHR1	6888713	CHR1:6888713	SSF x Near_LoA	-10,168	-0,081	0,286
CHR1	6892547	CHR1:6892547	SSF x Near_LoA	-8,981	-0,028	0,286
CHR1	6892636	CHR1:6892636	SSF x Near_LoA	-9,131	-0,031	0,286
CHR1	6892644	CHR1:6892644	SSF x Near_LoA	-8,556	0,005	0,272

CHR1	6892805	CHR1:6892805	SSF x Near_LoA	-4,928	0,082	0,288
CHR1	6892807	CHR1:6892807	SSF x Near_LoA	-7,631	0,079	0,286
CHR1	6895530	CHR1:6895530	SSF x Near_LoA	-10,943	-0,002	0,290
CHR1	6895594	CHR1:6895594	SSF x Near_LoA	-6,717	0,111	0,271
CHR1	6896873	CHR1:6896873	SSF x Near_LoA	-10,056	0,033	0,301
CHR1	6976755	CHR1:6976755	SSF x Near_LoA	-7,442	-0,100	0,279
CHR1	6976809	CHR1:6976809	SSF x Near_LoA	-9,130	-0,137	0,273
CHR1	6976827	CHR1:6976827	SSF x Near_LoA	-7,549	0,019	0,283
CHR1	6976834	CHR1:6976834	SSF x Near_LoA	-7,601	0,024	0,284
CHR1	6976846	CHR1:6976846	SSF x Near_LoA	-7,655	0,010	0,271
CHR1	6976883	CHR1:6976883	SSF x Near_LoA	-8,164	-0,011	0,289
CHR1	6976928	CHR1:6976928	SSF x Near_LoA	-8,676	-0,034	0,279
CHR1	6976933	CHR1:6976933	SSF x Near_LoA	-7,510	0,073	0,287
CHR1	6976934	CHR1:6976934	SSF x Near_LoA	-8,687	0,038	0,282
CHR1	6976936	CHR1:6976936	SSF x Near_LoA	-7,213	0,035	0,276
CHR1	6976951	CHR1:6976951	SSF x Near_LoA	-7,916	0,115	0,289
CHR1	6976966	CHR1:6976966	SSF x Near_LoA	-7,187	0,013	0,302
CHR1	6976971	CHR1:6976971	SSF x Near_LoA	-6,694	0,002	0,300
CHR1	6977015	CHR1:6977015	SSF x Near_LoA	-8,308	0,030	0,286
CHR1	6977058	CHR1:6977058	SSF x Near_LoA	-9,250	-0,019	0,275
CHR1	6977070	CHR1:6977070	SSF x Near_LoA	-7,072	0,150	0,283
CHR1	6977099	CHR1:6977099	SSF x Near_LoA	-7,863	-0,149	0,272
CHR1	6977125	CHR1:6977125	SSF x Near_LoA	-8,200	-0,047	0,289
CHR1	6987650	CHR1:6987650	SSF x Near_LoA	-9,983	-0,049	0,293
CHR1	6987678	CHR1:6987678	SSF x Near_LoA	-6,511	0,216	0,272
CHR1	7000662	CHR1:7000662	SSF x Near_LoA	-4,172	-0,166	0,286
CHR1	7000679	CHR1:7000679	SSF x Near_LoA	-7,904	0,088	0,288
CHR1	7000685	CHR1:7000685	SSF x Near_LoA	-8,200	-0,128	0,272
CHR1	7000718	CHR1:7000718	SSF x Near_LoA	-7,020	0,041	0,296
CHR1	7000749	CHR1:7000749	SSF x Near_LoA	-7,315	0,104	0,282
CHR1	7000789	CHR1:7000789	SSF x Near_LoA	-8,091	-0,092	0,283
CHR1	7002705	CHR1:7002705	SSF x Near_LoA	-7,899	-0,007	0,288
CHR1	7002726	CHR1:7002726	SSF x Near_LoA	-3,109	0,245	0,280
CHR1	7006607	CHR1:7006607	SSF x Near_LoA	-7,873	0,058	0,282
CHR1	7006658	CHR1:7006658	SSF x Near_LoA	-8,828	0,036	0,293
CHR1	7006676	CHR1:7006676	SSF x Near_LoA	-9,691	0,031	0,290
CHR1	7006703	CHR1:7006703	SSF x Near_LoA	-7,652	-0,084	0,286
CHR1	7014926	CHR1:7014926	SSF x Near_LoA	-9,928	-0,003	0,286
CHR1	7015036	CHR1:7015036	SSF x Near_LoA	-8,757	-0,081	0,277
CHR1	7015056	CHR1:7015056	SSF x Near_LoA	-6,040	-0,116	0,289
CHR1	7015058	CHR1:7015058	SSF x Near_LoA	-8,763	0,002	0,288
CHR1	7015080	CHR1:7015080	SSF x Near_LoA	-8,473	-0,047	0,290
CHR1	7015138	CHR1:7015138	SSF x Near_LoA	-8,194	-0,080	0,288
CHR1	7015166	CHR1:7015166	SSF x Near_LoA	-8,914	-0,039	0,298
CHR1	7015167	CHR1:7015167	SSF x Near_LoA	-5,029	0,207	0,282
CHR1	7015183	CHR1:7015183	SSF x Near_LoA	-5,235	0,281	0,271
CHR1	7015185	CHR1:7015185	SSF x Near_LoA	-9,296	-0,014	0,300
CHR1	7015203	CHR1:7015203	SSF x Near_LoA	-7,446	0,075	0,277
CHR1	7015204	CHR1:7015204	SSF x Near_LoA	-7,709	0,020	0,294
CHR1	7022229	CHR1:7022229	SSF x Near_LoA	-7,557	0,156	0,270
CHR1	7023055	CHR1:7023055	SSF x Near_LoA	-9,672	0,042	0,278
CHR1	7023084	CHR1:7023084	SSF x Near_LoA	-8,827	0,173	0,277
CHR1	7041041	CHR1:7041041	SSF x Near_LoA	-9,319	-0,181	0,264

CHR1	7041152	CHR1:7041152	SSF x Near_LoA	-6,760	-0,143	0,297
CHR1	7048297	CHR1:7048297	SSF x Near_LoA	-7,862	-0,042	0,283
CHR1	7048332	CHR1:7048332	SSF x Near_LoA	-6,618	0,198	0,271
CHR1	7048370	CHR1:7048370	SSF x Near_LoA	-4,605	0,097	0,297
CHR1	7048382	CHR1:7048382	SSF x Near_LoA	-3,851	0,082	0,289
CHR1	7048422	CHR1:7048422	SSF x Near_LoA	-3,864	-0,159	0,296
CHR1	7063775	CHR1:7063775	SSF x Near_LoA	-9,180	0,142	0,284
CHR1	7063810	CHR1:7063810	SSF x Near_LoA	-8,202	0,093	0,281
CHR1	7064014	CHR1:7064014	SSF x Near_LoA	-7,119	0,099	0,293
CHR1	7089171	CHR1:7089171	SSF x Near_LoA	-6,513	-0,095	0,274
CHR1	7089209	CHR1:7089209	SSF x Near_LoA	8,565	0,230	0,275
CHR1	7089400	CHR1:7089400	SSF x Near_LoA	-9,380	-0,053	0,282
CHR1	7089401	CHR1:7089401	SSF x Near_LoA	-7,372	-0,037	0,286
CHR1	7106285	CHR1:7106285	SSF x Near_LoA	-6,359	-0,108	0,272
CHR1	7106301	CHR1:7106301	SSF x Near_LoA	-7,110	-0,023	0,297
CHR1	7106315	CHR1:7106315	SSF x Near_LoA	-7,241	-0,128	0,294
CHR1	7106333	CHR1:7106333	SSF x Near_LoA	-7,880	-0,006	0,298
CHR1	7106353	CHR1:7106353	SSF x Near_LoA	-5,020	-0,129	0,281
CHR1	7106354	CHR1:7106354	SSF x Near_LoA	-6,293	-0,135	0,294
CHR1	7114390	CHR1:7114390	SSF x Near_LoA	-7,124	-0,070	0,278
CHR1	7114414	CHR1:7114414	SSF x Near_LoA	-7,745	-0,064	0,284
CHR1	7143734	CHR1:7143734	SSF x Near_LoA	-9,828	0,017	0,287
CHR1	7143928	CHR1:7143928	SSF x Near_LoA	-5,362	-0,103	0,297
CHR1	7143935	CHR1:7143935	SSF x Near_LoA	-6,871	-0,075	0,285
CHR1	7143942	CHR1:7143942	SSF x Near_LoA	4,165	-0,127	0,278
CHR1	7143956	CHR1:7143956	SSF x Near_LoA	-6,139	-0,107	0,293
CHR1	7151147	CHR1:7151147	SSF x Near_LoA	-7,520	-0,037	0,288
CHR1	7151280	CHR1:7151280	SSF x Near_LoA	-9,271	0,136	0,282
CHR1	7151360	CHR1:7151360	SSF x Near_LoA	-6,623	-0,011	0,303
CHR1	7154616	CHR1:7154616	SSF x Near_LoA	-6,140	0,042	0,294
CHR1	7154663	CHR1:7154663	SSF x Near_LoA	-4,994	-0,049	0,291
CHR1	7154780	CHR1:7154780	SSF x Near_LoA	-6,174	0,100	0,291
CHR1	7154794	CHR1:7154794	SSF x Near_LoA	-7,026	0,111	0,283
CHR1	7154799	CHR1:7154799	SSF x Near_LoA	-9,339	-0,029	0,297
CHR1	7154831	CHR1:7154831	SSF x Near_LoA	-6,691	0,098	0,274
CHR1	7154887	CHR1:7154887	SSF x Near_LoA	-1,286	-0,241	0,264
CHR1	7154892	CHR1:7154892	SSF x Near_LoA	-4,519	0,198	0,280
CHR1	7159949	CHR1:7159949	SSF x Near_LoA	-7,519	0,063	0,289
CHR1	7159952	CHR1:7159952	SSF x Near_LoA	-10,374	0,015	0,267
CHR1	7160045	CHR1:7160045	SSF x Near_LoA	-10,517	0,027	0,280
CHR1	7166719	CHR1:7166719	SSF x Near_LoA	-8,799	-0,047	0,281
CHR1	7166935	CHR1:7166935	SSF x Near_LoA	-8,902	-0,026	0,291
CHR1	7198022	CHR1:7198022	SSF x Near_LoA	-10,256	0,053	0,285
CHR1	7198035	CHR1:7198035	SSF x Near_LoA	-7,636	0,010	0,284
CHR1	7198046	CHR1:7198046	SSF x Near_LoA	-10,640	0,067	0,272
CHR1	7198058	CHR1:7198058	SSF x Near_LoA	-8,490	-0,129	0,274
CHR1	7198182	CHR1:7198182	SSF x Near_LoA	-7,661	-0,127	0,279
CHR1	7203320	CHR1:7203320	SSF x Near_LoA	-10,013	-0,117	0,271
CHR1	7203334	CHR1:7203334	SSF x Near_LoA	-7,114	0,061	0,297
CHR1	7203368	CHR1:7203368	SSF x Near_LoA	-7,814	0,091	0,283
CHR1	7231793	CHR1:7231793	SSF x Near_LoA	3,490	0,147	0,286
CHR1	7231808	CHR1:7231808	SSF x Near_LoA	-2,291	0,190	0,269
CHR1	7231970	CHR1:7231970	SSF x Near_LoA	-8,215	-0,109	0,276

CHR1	7232068	CHR1:7232068	SSF x Near_LoA	-8,512	0,012	0,282
CHR1	7232150	CHR1:7232150	SSF x Near_LoA	-7,480	0,031	0,281
CHR1	7232189	CHR1:7232189	SSF x Near_LoA	2,264	0,068	0,296
CHR1	7232257	CHR1:7232257	SSF x Near_LoA	-8,681	0,050	0,282
CHR1	7245590	CHR1:7245590	SSF x Near_LoA	-7,433	0,074	0,286
CHR1	7245591	CHR1:7245591	SSF x Near_LoA	-8,420	0,138	0,286
CHR1	7245604	CHR1:7245604	SSF x Near_LoA	-8,925	-0,080	0,267
CHR1	7275035	CHR1:7275035	SSF x Near_LoA	-9,540	0,023	0,287
CHR1	7275043	CHR1:7275043	SSF x Near_LoA	-8,343	0,048	0,278
CHR1	7275100	CHR1:7275100	SSF x Near_LoA	-6,634	0,148	0,274
CHR1	7275209	CHR1:7275209	SSF x Near_LoA	-9,529	0,000	0,295
CHR1	7275262	CHR1:7275262	SSF x Near_LoA	-6,582	-0,116	0,282
CHR1	7275385	CHR1:7275385	SSF x Near_LoA	-8,428	-0,033	0,285
CHR1	7275400	CHR1:7275400	SSF x Near_LoA	-8,834	0,041	0,278
CHR1	7275419	CHR1:7275419	SSF x Near_LoA	-8,315	0,071	0,288
CHR1	7296028	CHR1:7296028	SSF x Near_LoA	-10,953	-0,008	0,280
CHR1	7305838	CHR1:7305838	SSF x Near_LoA	-7,396	0,003	0,288
CHR1	7305915	CHR1:7305915	SSF x Near_LoA	-5,260	0,191	0,275
CHR1	7307482	CHR1:7307482	SSF x Near_LoA	-9,949	0,024	0,284
CHR1	7307646	CHR1:7307646	SSF x Near_LoA	-10,868	0,053	0,276
CHR1	7315795	CHR1:7315795	SSF x Near_LoA	-6,952	-0,174	0,268
CHR1	7315820	CHR1:7315820	SSF x Near_LoA	-7,417	-0,008	0,289
CHR1	7315876	CHR1:7315876	SSF x Near_LoA	-7,250	0,031	0,295
CHR1	7315943	CHR1:7315943	SSF x Near_LoA	-8,289	0,042	0,281
CHR1	7315951	CHR1:7315951	SSF x Near_LoA	-9,215	0,066	0,265
CHR1	7315957	CHR1:7315957	SSF x Near_LoA	-9,986	0,021	0,273
CHR1	7316026	CHR1:7316026	SSF x Near_LoA	-5,457	0,037	0,272
CHR1	7317750	CHR1:7317750	SSF x Near_LoA	-6,985	-0,043	0,287
CHR1	7317796	CHR1:7317796	SSF x Near_LoA	-7,337	-0,061	0,285
CHR1	7317798	CHR1:7317798	SSF x Near_LoA	-7,687	-0,085	0,283
CHR1	7318106	CHR1:7318106	SSF x Near_LoA	-11,234	-0,018	0,289
CHR1	7318187	CHR1:7318187	SSF x Near_LoA	-10,747	-0,054	0,280
CHR1	7329375	CHR1:7329375	SSF x Near_LoA	-9,625	-0,049	0,287
CHR1	7329379	CHR1:7329379	SSF x Near_LoA	-10,633	0,027	0,277
CHR1	7351968	CHR1:7351968	SSF x Near_LoA	-7,378	-0,090	0,282
CHR1	7430916	CHR1:7430916	SSF x Near_LoA	-9,470	-0,123	0,278
CHR1	7503977	CHR1:7503977	SSF x Near_LoA	-8,355	-0,018	0,274
CHR1	7511874	CHR1:7511874	SSF x Near_LoA	-8,142	-0,016	0,287
CHR1	7511876	CHR1:7511876	SSF x Near_LoA	-6,785	-0,006	0,301
CHR1	7511889	CHR1:7511889	SSF x Near_LoA	-7,879	0,117	0,285
CHR1	7512000	CHR1:7512000	SSF x Near_LoA	-8,819	-0,121	0,293
CHR1	7512130	CHR1:7512130	SSF x Near_LoA	-4,319	-0,150	0,282
CHR1	7514402	CHR1:7514402	SSF x Near_LoA	-4,370	0,136	0,286
CHR1	7514458	CHR1:7514458	SSF x Near_LoA	-6,938	-0,217	0,268
CHR1	7514486	CHR1:7514486	SSF x Near_LoA	-5,924	-0,218	0,282
CHR1	7536017	CHR1:7536017	SSF x Near_LoA	-5,821	0,129	0,286
CHR1	7536176	CHR1:7536176	SSF x Near_LoA	-10,221	-0,001	0,287
CHR1	7536218	CHR1:7536218	SSF x Near_LoA	-9,646	-0,039	0,274
CHR1	7536268	CHR1:7536268	SSF x Near_LoA	-7,597	0,069	0,279
CHR1	7538455	CHR1:7538455	SSF x Near_LoA	-5,633	0,130	0,294
CHR1	7538701	CHR1:7538701	SSF x Near_LoA	-5,826	0,028	0,294
CHR1	7593849	CHR1:7593849	SSF x Near_LoA	-7,904	0,121	0,282
CHR1	7593936	CHR1:7593936	SSF x Near_LoA	-7,669	0,182	0,279

CHR1	7595039	CHR1:7595039	SSF x Near_LoA	-10,615	0,001	0,294
CHR1	7595072	CHR1:7595072	SSF x Near_LoA	-9,724	-0,022	0,295
CHR1	7595146	CHR1:7595146	SSF x Near_LoA	-9,325	0,071	0,282
CHR1	7606251	CHR1:7606251	SSF x Near_LoA	-10,008	-0,049	0,290
CHR1	7606346	CHR1:7606346	SSF x Near_LoA	-8,453	0,056	0,281
CHR1	7622305	CHR1:7622305	SSF x Near_LoA	-8,107	-0,052	0,283
CHR1	7624566	CHR1:7624566	SSF x Near_LoA	-4,823	-0,225	0,276
CHR1	7624671	CHR1:7624671	SSF x Near_LoA	-9,388	0,033	0,280
CHR1	7624746	CHR1:7624746	SSF x Near_LoA	-8,663	-0,017	0,282
CHR1	7630422	CHR1:7630422	SSF x Near_LoA	-9,897	0,053	0,295
CHR1	7662183	CHR1:7662183	SSF x Near_LoA	-10,993	0,015	0,279
CHR1	7662187	CHR1:7662187	SSF x Near_LoA	-6,970	-0,161	0,285
CHR1	7662207	CHR1:7662207	SSF x Near_LoA	-9,951	0,048	0,290
CHR1	7662208	CHR1:7662208	SSF x Near_LoA	-5,898	-0,199	0,287
CHR1	7662219	CHR1:7662219	SSF x Near_LoA	-2,048	-0,259	0,275
CHR1	7662222	CHR1:7662222	SSF x Near_LoA	-9,565	-0,125	0,292
CHR1	7662225	CHR1:7662225	SSF x Near_LoA	-5,275	-0,138	0,292
CHR1	7662231	CHR1:7662231	SSF x Near_LoA	-8,416	0,044	0,277
CHR1	7677986	CHR1:7677986	SSF x Near_LoA	-8,933	0,050	0,271
CHR1	7678017	CHR1:7678017	SSF x Near_LoA	-9,891	0,010	0,292
CHR1	7678086	CHR1:7678086	SSF x Near_LoA	-5,458	-0,056	0,281
CHR1	7678188	CHR1:7678188	SSF x Near_LoA	-7,799	0,176	0,283
CHR1	7678213	CHR1:7678213	SSF x Near_LoA	-5,998	-0,006	0,283
CHR1	7678244	CHR1:7678244	SSF x Near_LoA	-8,625	-0,038	0,267
CHR1	7693695	CHR1:7693695	SSF x Near_LoA	-7,995	-0,023	0,285
CHR1	7705440	CHR1:7705440	SSF x Near_LoA	-6,496	0,102	0,290
CHR1	7705468	CHR1:7705468	SSF x Near_LoA	-9,718	-0,029	0,287
CHR1	7710381	CHR1:7710381	SSF x Near_LoA	-10,499	-0,057	0,279
CHR1	7710474	CHR1:7710474	SSF x Near_LoA	-5,927	-0,146	0,288
CHR1	7711176	CHR1:7711176	SSF x Near_LoA	-8,769	0,077	0,287
CHR1	7711177	CHR1:7711177	SSF x Near_LoA	-5,712	0,094	0,291
CHR1	7711184	CHR1:7711184	SSF x Near_LoA	-7,499	0,054	0,292
CHR1	7711212	CHR1:7711212	SSF x Near_LoA	-6,204	-0,169	0,280
CHR1	7718749	CHR1:7718749	SSF x Near_LoA	-6,503	-0,157	0,294
CHR1	7718792	CHR1:7718792	SSF x Near_LoA	-7,336	0,149	0,296
CHR1	7722237	CHR1:7722237	SSF x Near_LoA	2,542	-0,167	0,278
CHR1	7722258	CHR1:7722258	SSF x Near_LoA	-5,717	-0,149	0,285
CHR1	7722278	CHR1:7722278	SSF x Near_LoA	-6,382	-0,152	0,266
CHR1	7722419	CHR1:7722419	SSF x Near_LoA	-8,174	0,027	0,284
CHR1	7760699	CHR1:7760699	SSF x Near_LoA	-7,851	0,084	0,283
CHR1	7760758	CHR1:7760758	SSF x Near_LoA	0,213	-0,181	0,288
CHR1	7760851	CHR1:7760851	SSF x Near_LoA	-5,015	-0,138	0,301
CHR1	7760853	CHR1:7760853	SSF x Near_LoA	-8,237	-0,062	0,288
CHR1	7769768	CHR1:7769768	SSF x Near_LoA	-10,077	-0,015	0,289
CHR1	7769789	CHR1:7769789	SSF x Near_LoA	-9,627	-0,030	0,297
CHR1	7770884	CHR1:7770884	SSF x Near_LoA	-6,848	0,091	0,286
CHR1	7770888	CHR1:7770888	SSF x Near_LoA	-6,851	0,108	0,290
CHR1	7770889	CHR1:7770889	SSF x Near_LoA	-3,626	0,272	0,260
CHR1	7770930	CHR1:7770930	SSF x Near_LoA	-6,793	0,044	0,283
CHR1	7774411	CHR1:7774411	SSF x Near_LoA	-7,520	-0,047	0,281
CHR1	7774424	CHR1:7774424	SSF x Near_LoA	-8,147	-0,027	0,274
CHR1	7774459	CHR1:7774459	SSF x Near_LoA	-2,912	-0,076	0,280
CHR1	7774504	CHR1:7774504	SSF x Near_LoA	-8,491	-0,075	0,276

CHR1	7776906	CHR1:7776906	SSF x Near_LoA	-8,362	-0,011	0,288
CHR1	7805518	CHR1:7805518	SSF x Near_LoA	-7,802	-0,082	0,295
CHR1	7805589	CHR1:7805589	SSF x Near_LoA	-10,857	0,033	0,282
CHR1	7805675	CHR1:7805675	SSF x Near_LoA	-6,859	0,127	0,281
CHR1	7805706	CHR1:7805706	SSF x Near_LoA	-9,510	0,051	0,293
CHR1	7805741	CHR1:7805741	SSF x Near_LoA	-10,036	0,067	0,275
CHR1	7810125	CHR1:7810125	SSF x Near_LoA	-8,990	0,030	0,288
CHR1	7831239	CHR1:7831239	SSF x Near_LoA	-6,135	-0,108	0,289
CHR1	7833770	CHR1:7833770	SSF x Near_LoA	-8,550	-0,007	0,288
CHR1	7833784	CHR1:7833784	SSF x Near_LoA	-6,919	0,037	0,286
CHR1	7833792	CHR1:7833792	SSF x Near_LoA	-7,850	-0,053	0,280
CHR1	7836888	CHR1:7836888	SSF x Near_LoA	-8,578	-0,059	0,284
CHR1	7849255	CHR1:7849255	SSF x Near_LoA	-6,090	-0,163	0,280
CHR1	7854487	CHR1:7854487	SSF x Near_LoA	-9,066	0,027	0,301
CHR1	7869507	CHR1:7869507	SSF x Near_LoA	-6,557	0,014	0,294
CHR1	7869587	CHR1:7869587	SSF x Near_LoA	-7,650	-0,018	0,292
CHR1	7869596	CHR1:7869596	SSF x Near_LoA	-6,435	0,048	0,297
CHR1	7881752	CHR1:7881752	SSF x Near_LoA	-10,707	0,014	0,280
CHR1	7881781	CHR1:7881781	SSF x Near_LoA	-9,346	0,030	0,287
CHR1	7894785	CHR1:7894785	SSF x Near_LoA	-9,402	0,059	0,278
CHR1	7894838	CHR1:7894838	SSF x Near_LoA	-7,362	0,164	0,275
CHR1	7894934	CHR1:7894934	SSF x Near_LoA	-7,809	0,062	0,286
CHR1	7904169	CHR1:7904169	SSF x Near_LoA	-7,401	-0,060	0,275
CHR1	7922532	CHR1:7922532	SSF x Near_LoA	-9,213	-0,023	0,294
CHR1	7922658	CHR1:7922658	SSF x Near_LoA	-5,140	-0,143	0,259
CHR1	7929472	CHR1:7929472	SSF x Near_LoA	-8,119	0,019	0,286
CHR1	7929582	CHR1:7929582	SSF x Near_LoA	-7,773	-0,002	0,292
CHR1	7929669	CHR1:7929669	SSF x Near_LoA	-9,586	0,026	0,290
CHR1	7942770	CHR1:7942770	SSF x Near_LoA	-7,062	0,149	0,275
CHR1	7942824	CHR1:7942824	SSF x Near_LoA	-7,468	-0,179	0,277
CHR1	7943854	CHR1:7943854	SSF x Near_LoA	-7,963	-0,044	0,266
CHR1	7943874	CHR1:7943874	SSF x Near_LoA	0,352	-0,056	0,288
CHR1	7959365	CHR1:7959365	SSF x Near_LoA	-6,605	0,159	0,289
CHR1	7959378	CHR1:7959378	SSF x Near_LoA	-6,799	0,117	0,293
CHR1	7967797	CHR1:7967797	SSF x Near_LoA	-7,962	-0,019	0,286
CHR1	7970012	CHR1:7970012	SSF x Near_LoA	-4,406	0,191	0,266
CHR1	7970134	CHR1:7970134	SSF x Near_LoA	-7,685	0,108	0,284
CHR1	7988119	CHR1:7988119	SSF x Near_LoA	-7,384	0,062	0,281
CHR1	7988139	CHR1:7988139	SSF x Near_LoA	-7,301	0,003	0,288
CHR1	7988158	CHR1:7988158	SSF x Near_LoA	-7,771	0,035	0,289
CHR1	7988185	CHR1:7988185	SSF x Near_LoA	-6,656	0,009	0,284
CHR1	7990808	CHR1:7990808	SSF x Near_LoA	-7,386	0,107	0,288
CHR1	7996539	CHR1:7996539	SSF x Near_LoA	-8,204	0,048	0,293
CHR1	7996544	CHR1:7996544	SSF x Near_LoA	-9,199	-0,016	0,286
CHR1	7996640	CHR1:7996640	SSF x Near_LoA	-9,029	0,014	0,287
CHR1	7999809	CHR1:7999809	SSF x Near_LoA	-8,058	-0,090	0,276
CHR1	7999867	CHR1:7999867	SSF x Near_LoA	-7,181	0,066	0,288
CHR1	7999919	CHR1:7999919	SSF x Near_LoA	-7,250	0,008	0,284
CHR1	7999992	CHR1:7999992	SSF x Near_LoA	-9,711	-0,104	0,281
CHR1	8007983	CHR1:8007983	SSF x Near_LoA	-8,315	-0,060	0,300
CHR1	8008259	CHR1:8008259	SSF x Near_LoA	-8,632	-0,126	0,284
CHR1	8008262	CHR1:8008262	SSF x Near_LoA	-10,732	-0,080	0,283
CHR1	8008302	CHR1:8008302	SSF x Near_LoA	-3,592	-0,166	0,277

CHR1	8008322	CHR1:8008322	SSF x Near_LoA	-5,640	-0,139	0,291
CHR1	8008343	CHR1:8008343	SSF x Near_LoA	-6,662	-0,026	0,295
CHR1	8012253	CHR1:8012253	SSF x Near_LoA	-6,113	0,134	0,301
CHR1	8012261	CHR1:8012261	SSF x Near_LoA	-4,642	-0,134	0,279
CHR1	8012287	CHR1:8012287	SSF x Near_LoA	-4,400	0,170	0,293
CHR1	8012300	CHR1:8012300	SSF x Near_LoA	-6,458	0,181	0,277
CHR1	8012319	CHR1:8012319	SSF x Near_LoA	-10,900	-0,050	0,274
CHR1	8012395	CHR1:8012395	SSF x Near_LoA	-7,596	-0,014	0,287
CHR1	8012420	CHR1:8012420	SSF x Near_LoA	-4,611	-0,041	0,278
CHR1	8016362	CHR1:8016362	SSF x Near_LoA	-10,632	-0,057	0,283
CHR1	8025746	CHR1:8025746	SSF x Near_LoA	-7,378	-0,042	0,298
CHR1	8025763	CHR1:8025763	SSF x Near_LoA	-7,268	0,055	0,278
CHR1	8025832	CHR1:8025832	SSF x Near_LoA	-9,199	0,015	0,297
CHR1	8025842	CHR1:8025842	SSF x Near_LoA	-9,129	-0,067	0,284
CHR1	8025985	CHR1:8025985	SSF x Near_LoA	-9,701	-0,016	0,281
CHR1	8050469	CHR1:8050469	SSF x Near_LoA	-10,571	-0,006	0,277
CHR1	8054050	CHR1:8054050	SSF x Near_LoA	-9,703	0,007	0,289
CHR1	8054214	CHR1:8054214	SSF x Near_LoA	-9,195	0,073	0,289
CHR1	8066414	CHR1:8066414	SSF x Near_LoA	-8,176	-0,117	0,296
CHR1	8066429	CHR1:8066429	SSF x Near_LoA	-8,988	0,095	0,290
CHR1	8066551	CHR1:8066551	SSF x Near_LoA	-7,913	0,052	0,278
CHR1	8066609	CHR1:8066609	SSF x Near_LoA	-5,935	-0,115	0,287
CHR1	8066622	CHR1:8066622	SSF x Near_LoA	-7,232	-0,027	0,279
CHR1	8066638	CHR1:8066638	SSF x Near_LoA	-6,502	-0,151	0,275
CHR1	8066710	CHR1:8066710	SSF x Near_LoA	-7,461	0,039	0,290
CHR1	8073890	CHR1:8073890	SSF x Near_LoA	-7,056	0,039	0,291
CHR1	8087949	CHR1:8087949	SSF x Near_LoA	-8,629	0,048	0,278
CHR1	8127148	CHR1:8127148	SSF x Near_LoA	-7,708	-0,028	0,292
CHR1	8127152	CHR1:8127152	SSF x Near_LoA	2,236	-0,300	0,258
CHR1	8127367	CHR1:8127367	SSF x Near_LoA	1,018	0,347	0,254
CHR1	8127385	CHR1:8127385	SSF x Near_LoA	1,011	0,333	0,269
CHR1	8127469	CHR1:8127469	SSF x Near_LoA	-9,583	0,035	0,270
CHR1	8127473	CHR1:8127473	SSF x Near_LoA	-9,136	0,127	0,262
CHR1	8127529	CHR1:8127529	SSF x Near_LoA	-5,099	0,221	0,269
CHR1	8163303	CHR1:8163303	SSF x Near_LoA	-9,484	-0,061	0,291
CHR1	8163397	CHR1:8163397	SSF x Near_LoA	-7,070	0,072	0,279
CHR1	8163398	CHR1:8163398	SSF x Near_LoA	-9,098	-0,071	0,296
CHR1	8163410	CHR1:8163410	SSF x Near_LoA	-10,292	-0,062	0,272
CHR1	8163417	CHR1:8163417	SSF x Near_LoA	-4,667	0,146	0,280
CHR1	8163499	CHR1:8163499	SSF x Near_LoA	-9,015	-0,021	0,290
CHR1	8166756	CHR1:8166756	SSF x Near_LoA	-9,985	-0,107	0,298
CHR1	8167705	CHR1:8167705	SSF x Near_LoA	-10,410	-0,004	0,284
CHR1	8167820	CHR1:8167820	SSF x Near_LoA	-6,685	-0,103	0,274
CHR1	8167852	CHR1:8167852	SSF x Near_LoA	-5,351	-0,196	0,274
CHR1	8184814	CHR1:8184814	SSF x Near_LoA	-9,701	-0,051	0,293
CHR1	8207417	CHR1:8207417	SSF x Near_LoA	-6,576	-0,094	0,278
CHR1	8207419	CHR1:8207419	SSF x Near_LoA	-7,374	0,007	0,296
CHR1	8207423	CHR1:8207423	SSF x Near_LoA	-8,740	0,021	0,274
CHR1	8207464	CHR1:8207464	SSF x Near_LoA	-9,962	-0,003	0,280
CHR1	8207513	CHR1:8207513	SSF x Near_LoA	-7,776	0,021	0,283
CHR1	8210948	CHR1:8210948	SSF x Near_LoA	-7,117	-0,020	0,288
CHR1	8211002	CHR1:8211002	SSF x Near_LoA	-10,131	-0,035	0,290
CHR1	8211045	CHR1:8211045	SSF x Near_LoA	-9,944	0,022	0,285

CHR1	8211085	CHR1:8211085	SSF x Near_LoA	-10,014	0,022	0,282
CHR1	8211117	CHR1:8211117	SSF x Near_LoA	-7,603	0,130	0,279
CHR1	8211128	CHR1:8211128	SSF x Near_LoA	-1,904	0,146	0,285
CHR1	8211132	CHR1:8211132	SSF x Near_LoA	-7,730	0,117	0,284
CHR1	8233684	CHR1:8233684	SSF x Near_LoA	-9,553	0,103	0,281
CHR1	8233695	CHR1:8233695	SSF x Near_LoA	-6,975	-0,151	0,276
CHR1	8233745	CHR1:8233745	SSF x Near_LoA	-8,549	0,052	0,290
CHR1	8233777	CHR1:8233777	SSF x Near_LoA	-6,576	0,101	0,280
CHR1	8233859	CHR1:8233859	SSF x Near_LoA	-7,667	0,123	0,279
CHR1	8241861	CHR1:8241861	SSF x Near_LoA	-6,076	0,054	0,287
CHR1	8248710	CHR1:8248710	SSF x Near_LoA	-8,536	-0,095	0,277
CHR1	8274278	CHR1:8274278	SSF x Near_LoA	-5,961	0,038	0,289
CHR1	8278013	CHR1:8278013	SSF x Near_LoA	-9,418	-0,073	0,278
CHR1	8278074	CHR1:8278074	SSF x Near_LoA	-8,322	0,079	0,291
CHR1	8278186	CHR1:8278186	SSF x Near_LoA	-8,411	-0,117	0,282
CHR1	8283803	CHR1:8283803	SSF x Near_LoA	-10,086	0,049	0,298
CHR1	8283987	CHR1:8283987	SSF x Near_LoA	-6,246	0,034	0,292
CHR1	8295792	CHR1:8295792	SSF x Near_LoA	-8,124	-0,112	0,284
CHR1	8306189	CHR1:8306189	SSF x Near_LoA	-9,084	0,022	0,294
CHR1	8306262	CHR1:8306262	SSF x Near_LoA	4,727	-0,226	0,266
CHR1	8306296	CHR1:8306296	SSF x Near_LoA	-10,025	0,009	0,282
CHR1	8307280	CHR1:8307280	SSF x Near_LoA	-6,446	-0,113	0,269
CHR1	8317000	CHR1:8317000	SSF x Near_LoA	-7,326	0,070	0,298
CHR1	8317093	CHR1:8317093	SSF x Near_LoA	-10,255	-0,043	0,281
CHR1	8317114	CHR1:8317114	SSF x Near_LoA	-10,015	0,079	0,277
CHR1	8330039	CHR1:8330039	SSF x Near_LoA	-7,835	0,027	0,271
CHR1	8330041	CHR1:8330041	SSF x Near_LoA	-7,921	0,030	0,278
CHR1	8330076	CHR1:8330076	SSF x Near_LoA	-8,867	-0,039	0,288
CHR1	8330150	CHR1:8330150	SSF x Near_LoA	-9,112	-0,030	0,291
CHR1	8332575	CHR1:8332575	SSF x Near_LoA	-6,241	0,168	0,289
CHR1	8332722	CHR1:8332722	SSF x Near_LoA	-7,136	0,113	0,289
CHR1	8343971	CHR1:8343971	SSF x Near_LoA	-7,826	-0,041	0,282
CHR1	8343984	CHR1:8343984	SSF x Near_LoA	-10,346	-0,023	0,279
CHR1	8344032	CHR1:8344032	SSF x Near_LoA	-8,450	-0,087	0,276
CHR1	8344036	CHR1:8344036	SSF x Near_LoA	-7,153	-0,086	0,291
CHR1	8344049	CHR1:8344049	SSF x Near_LoA	-8,226	-0,100	0,278
CHR1	8344068	CHR1:8344068	SSF x Near_LoA	1,772	0,244	0,254
CHR1	8344136	CHR1:8344136	SSF x Near_LoA	-7,307	0,024	0,289
CHR1	8344140	CHR1:8344140	SSF x Near_LoA	-7,880	0,090	0,275
CHR1	8344169	CHR1:8344169	SSF x Near_LoA	-6,106	0,071	0,297
CHR1	8344188	CHR1:8344188	SSF x Near_LoA	-7,155	0,033	0,290
CHR1	8344192	CHR1:8344192	SSF x Near_LoA	-6,895	0,055	0,287
CHR1	8346820	CHR1:8346820	SSF x Near_LoA	-4,294	0,099	0,295
CHR1	8347720	CHR1:8347720	SSF x Near_LoA	-10,355	-0,028	0,277
CHR1	8355930	CHR1:8355930	SSF x Near_LoA	-10,564	-0,077	0,280
CHR1	8356015	CHR1:8356015	SSF x Near_LoA	-10,381	0,043	0,287
CHR1	8356053	CHR1:8356053	SSF x Near_LoA	-7,721	-0,083	0,277
CHR1	8356124	CHR1:8356124	SSF x Near_LoA	-7,997	0,099	0,301
CHR1	8356166	CHR1:8356166	SSF x Near_LoA	-8,475	0,054	0,288
CHR1	8389354	CHR1:8389354	SSF x Near_LoA	-7,920	0,044	0,280
CHR1	8389389	CHR1:8389389	SSF x Near_LoA	-7,457	-0,085	0,267
CHR1	8389410	CHR1:8389410	SSF x Near_LoA	-6,195	-0,042	0,268
CHR1	8389411	CHR1:8389411	SSF x Near_LoA	-7,670	-0,064	0,270

CHR1	8389424	CHR1:8389424	SSF x Near_LoA	-6,926	-0,031	0,266
CHR1	8394102	CHR1:8394102	SSF x Near_LoA	-7,896	0,126	0,276
CHR1	8394132	CHR1:8394132	SSF x Near_LoA	-9,201	0,050	0,282
CHR1	8394154	CHR1:8394154	SSF x Near_LoA	-4,754	-0,185	0,277
CHR1	8401881	CHR1:8401881	SSF x Near_LoA	-6,369	-0,097	0,293
CHR1	8402090	CHR1:8402090	SSF x Near_LoA	-7,496	-0,113	0,284
CHR1	8402199	CHR1:8402199	SSF x Near_LoA	-6,225	0,013	0,291
CHR1	8402215	CHR1:8402215	SSF x Near_LoA	-6,937	-0,068	0,273
CHR1	8402310	CHR1:8402310	SSF x Near_LoA	-9,692	-0,056	0,290
CHR1	8402343	CHR1:8402343	SSF x Near_LoA	-7,182	0,057	0,277
CHR1	8452328	CHR1:8452328	SSF x Near_LoA	-5,783	-0,155	0,277
CHR1	8452477	CHR1:8452477	SSF x Near_LoA	-6,695	0,066	0,294
CHR1	8464870	CHR1:8464870	SSF x Near_LoA	-5,222	-0,167	0,281
CHR1	8464919	CHR1:8464919	SSF x Near_LoA	-7,852	-0,115	0,304
CHR1	8469664	CHR1:8469664	SSF x Near_LoA	-6,338	-0,146	0,278
CHR1	8469793	CHR1:8469793	SSF x Near_LoA	-6,935	-0,192	0,271
CHR1	8482403	CHR1:8482403	SSF x Near_LoA	-9,179	-0,031	0,290
CHR1	8494098	CHR1:8494098	SSF x Near_LoA	-6,812	0,112	0,290
CHR1	8494102	CHR1:8494102	SSF x Near_LoA	-8,514	-0,103	0,287
CHR1	8494105	CHR1:8494105	SSF x Near_LoA	-7,627	-0,034	0,288
CHR1	8494114	CHR1:8494114	SSF x Near_LoA	-9,304	0,029	0,292
CHR1	8494156	CHR1:8494156	SSF x Near_LoA	-7,517	-0,109	0,284
CHR1	8494181	CHR1:8494181	SSF x Near_LoA	-8,736	-0,069	0,304
CHR1	8494214	CHR1:8494214	SSF x Near_LoA	-9,743	-0,081	0,291
CHR1	8494249	CHR1:8494249	SSF x Near_LoA	-9,913	-0,035	0,290
CHR1	8494254	CHR1:8494254	SSF x Near_LoA	-4,768	-0,124	0,283
CHR1	850226	CHR1:850226	SSF x Near_LoA	-7,157	0,096	0,289
CHR1	8502294	CHR1:8502294	SSF x Near_LoA	-7,803	0,070	0,284
CHR1	8502313	CHR1:8502313	SSF x Near_LoA	-9,991	-0,010	0,300
CHR1	8503281	CHR1:8503281	SSF x Near_LoA	-10,558	-0,005	0,292
CHR1	8503315	CHR1:8503315	SSF x Near_LoA	-9,875	-0,034	0,293
CHR1	8508142	CHR1:8508142	SSF x Near_LoA	-9,120	-0,007	0,266
CHR1	8508180	CHR1:8508180	SSF x Near_LoA	-6,960	0,000	0,300
CHR1	8511612	CHR1:8511612	SSF x Near_LoA	-9,772	-0,074	0,290
CHR1	8511652	CHR1:8511652	SSF x Near_LoA	-8,194	0,029	0,289
CHR1	8511660	CHR1:8511660	SSF x Near_LoA	-9,769	-0,041	0,290
CHR1	8511671	CHR1:8511671	SSF x Near_LoA	-6,987	-0,090	0,306
CHR1	8511673	CHR1:8511673	SSF x Near_LoA	-9,399	-0,050	0,279
CHR1	8514828	CHR1:8514828	SSF x Near_LoA	6,538	0,139	0,291
CHR1	8514983	CHR1:8514983	SSF x Near_LoA	-10,766	-0,004	0,285
CHR1	8514990	CHR1:8514990	SSF x Near_LoA	-8,348	-0,038	0,293
CHR1	8515082	CHR1:8515082	SSF x Near_LoA	-7,480	0,048	0,290
CHR1	8553729	CHR1:8553729	SSF x Near_LoA	-9,579	0,007	0,287
CHR1	8555218	CHR1:8555218	SSF x Near_LoA	-7,201	0,043	0,284
CHR1	8555285	CHR1:8555285	SSF x Near_LoA	-8,274	0,015	0,283
CHR1	8555320	CHR1:8555320	SSF x Near_LoA	-7,917	-0,003	0,292
CHR1	8561022	CHR1:8561022	SSF x Near_LoA	-6,896	-0,011	0,289
CHR1	8561156	CHR1:8561156	SSF x Near_LoA	-10,261	-0,007	0,305
CHR1	8561186	CHR1:8561186	SSF x Near_LoA	-7,069	0,135	0,283
CHR1	8561208	CHR1:8561208	SSF x Near_LoA	-7,743	-0,010	0,296
CHR1	8561212	CHR1:8561212	SSF x Near_LoA	6,572	-0,143	0,281
CHR1	8561236	CHR1:8561236	SSF x Near_LoA	-8,345	-0,047	0,281
CHR1	8561242	CHR1:8561242	SSF x Near_LoA	-6,069	-0,091	0,283

CHR1	8573905	CHR1:8573905	SSF x Near_LoA	-9,816	0,074	0,275
CHR1	8574110	CHR1:8574110	SSF x Near_LoA	-8,430	0,054	0,267
CHR1	8577799	CHR1:8577799	SSF x Near_LoA	-10,212	0,053	0,288
CHR1	8584672	CHR1:8584672	SSF x Near_LoA	-7,360	0,027	0,276
CHR1	8584731	CHR1:8584731	SSF x Near_LoA	-7,943	0,009	0,284
CHR1	8584829	CHR1:8584829	SSF x Near_LoA	-9,186	0,007	0,297
CHR1	8626222	CHR1:8626222	SSF x Near_LoA	-7,236	0,020	0,267
CHR1	8626309	CHR1:8626309	SSF x Near_LoA	-9,237	-0,047	0,281
CHR1	8626327	CHR1:8626327	SSF x Near_LoA	-10,825	0,026	0,285
CHR1	8626378	CHR1:8626378	SSF x Near_LoA	-8,062	-0,040	0,299
CHR1	8626382	CHR1:8626382	SSF x Near_LoA	-6,816	0,115	0,300
CHR1	8626439	CHR1:8626439	SSF x Near_LoA	-10,209	-0,024	0,271
CHR1	8627354	CHR1:8627354	SSF x Near_LoA	-5,270	-0,154	0,287
CHR1	8627420	CHR1:8627420	SSF x Near_LoA	-7,300	-0,016	0,297
CHR1	8628599	CHR1:8628599	SSF x Near_LoA	-6,279	0,153	0,278
CHR1	8628600	CHR1:8628600	SSF x Near_LoA	-8,210	-0,040	0,286
CHR1	8651419	CHR1:8651419	SSF x Near_LoA	-6,738	-0,203	0,273
CHR1	8651437	CHR1:8651437	SSF x Near_LoA	-4,048	-0,200	0,277
CHR1	8651477	CHR1:8651477	SSF x Near_LoA	-9,476	0,039	0,278
CHR1	8651525	CHR1:8651525	SSF x Near_LoA	-10,030	0,094	0,287
CHR1	8661445	CHR1:8661445	SSF x Near_LoA	-9,440	0,019	0,284
CHR1	8661501	CHR1:8661501	SSF x Near_LoA	-8,602	0,016	0,305
CHR1	8661505	CHR1:8661505	SSF x Near_LoA	-8,741	0,001	0,299
CHR1	8661513	CHR1:8661513	SSF x Near_LoA	-8,612	0,001	0,289
CHR1	8661532	CHR1:8661532	SSF x Near_LoA	-8,969	0,106	0,299
CHR1	8661575	CHR1:8661575	SSF x Near_LoA	-8,895	0,045	0,296
CHR1	8661582	CHR1:8661582	SSF x Near_LoA	-8,271	0,020	0,285
CHR1	8712858	CHR1:8712858	SSF x Near_LoA	-5,061	-0,196	0,280
CHR1	8712869	CHR1:8712869	SSF x Near_LoA	3,309	-0,275	0,249
CHR1	8712877	CHR1:8712877	SSF x Near_LoA	-8,853	-0,080	0,297
CHR1	8712971	CHR1:8712971	SSF x Near_LoA	-3,804	-0,273	0,255
CHR1	8712984	CHR1:8712984	SSF x Near_LoA	-6,190	-0,208	0,265
CHR1	8713006	CHR1:8713006	SSF x Near_LoA	-5,346	0,056	0,294
CHR1	872152	CHR1:872152	SSF x Near_LoA	-8,854	-0,098	0,295
CHR1	872159	CHR1:872159	SSF x Near_LoA	-10,350	-0,090	0,275
CHR1	8741103	CHR1:8741103	SSF x Near_LoA	-8,250	-0,059	0,304
CHR1	8751909	CHR1:8751909	SSF x Near_LoA	-3,452	0,200	0,247
CHR1	8751947	CHR1:8751947	SSF x Near_LoA	-6,964	-0,126	0,284
CHR1	8759194	CHR1:8759194	SSF x Near_LoA	-9,015	0,002	0,285
CHR1	8759226	CHR1:8759226	SSF x Near_LoA	-9,986	-0,018	0,294
CHR1	8759289	CHR1:8759289	SSF x Near_LoA	-8,956	-0,006	0,277
CHR1	8759308	CHR1:8759308	SSF x Near_LoA	-8,571	-0,010	0,284
CHR1	8759984	CHR1:8759984	SSF x Near_LoA	-9,449	-0,076	0,288
CHR1	8765380	CHR1:8765380	SSF x Near_LoA	-7,005	0,052	0,275
CHR1	8778196	CHR1:8778196	SSF x Near_LoA	-2,351	0,178	0,288
CHR1	8778209	CHR1:8778209	SSF x Near_LoA	-7,330	0,156	0,280
CHR1	8791460	CHR1:8791460	SSF x Near_LoA	-6,294	-0,033	0,307
CHR1	8791476	CHR1:8791476	SSF x Near_LoA	-6,881	-0,051	0,285
CHR1	8791479	CHR1:8791479	SSF x Near_LoA	-7,621	-0,062	0,285
CHR1	8791480	CHR1:8791480	SSF x Near_LoA	-7,727	-0,026	0,287
CHR1	8791501	CHR1:8791501	SSF x Near_LoA	-10,033	0,003	0,281
CHR1	8791629	CHR1:8791629	SSF x Near_LoA	-7,778	-0,113	0,284
CHR1	8823579	CHR1:8823579	SSF x Near_LoA	-8,928	-0,045	0,290

CHR1	8825230	CHR1:8825230	SSF x Near_LoA	-8,148	0,038	0,284
CHR1	883420	CHR1:883420	SSF x Near_LoA	-6,649	-0,025	0,291
CHR1	8845374	CHR1:8845374	SSF x Near_LoA	-7,366	0,041	0,288
CHR1	8845375	CHR1:8845375	SSF x Near_LoA	-6,610	-0,116	0,278
CHR1	8845524	CHR1:8845524	SSF x Near_LoA	-6,691	-0,060	0,297
CHR1	8845525	CHR1:8845525	SSF x Near_LoA	-7,998	-0,020	0,280
CHR1	8857160	CHR1:8857160	SSF x Near_LoA	-5,602	0,206	0,275
CHR1	8857209	CHR1:8857209	SSF x Near_LoA	-7,773	-0,146	0,293
CHR1	8859877	CHR1:8859877	SSF x Near_LoA	6,089	0,234	0,278
CHR1	8859882	CHR1:8859882	SSF x Near_LoA	-4,298	-0,073	0,279
CHR1	8859888	CHR1:8859888	SSF x Near_LoA	-4,442	-0,244	0,283
CHR1	8859902	CHR1:8859902	SSF x Near_LoA	-9,032	0,096	0,288
CHR1	8859906	CHR1:8859906	SSF x Near_LoA	-8,588	-0,060	0,306
CHR1	8859931	CHR1:8859931	SSF x Near_LoA	-8,025	-0,087	0,296
CHR1	8859956	CHR1:8859956	SSF x Near_LoA	-5,847	0,132	0,287
CHR1	8859972	CHR1:8859972	SSF x Near_LoA	-8,598	0,116	0,283
CHR1	8860037	CHR1:8860037	SSF x Near_LoA	-7,486	0,189	0,269
CHR1	8860114	CHR1:8860114	SSF x Near_LoA	-8,702	0,070	0,277
CHR1	8869008	CHR1:8869008	SSF x Near_LoA	-5,902	-0,047	0,273
CHR1	8886535	CHR1:8886535	SSF x Near_LoA	-0,239	-0,060	0,273
CHR1	8893759	CHR1:8893759	SSF x Near_LoA	-5,911	-0,053	0,287
CHR1	8893853	CHR1:8893853	SSF x Near_LoA	-9,499	-0,020	0,292
CHR1	8899305	CHR1:8899305	SSF x Near_LoA	-7,390	-0,113	0,276
CHR1	8899332	CHR1:8899332	SSF x Near_LoA	-5,746	-0,102	0,286
CHR1	8899386	CHR1:8899386	SSF x Near_LoA	-10,312	-0,004	0,292
CHR1	8899410	CHR1:8899410	SSF x Near_LoA	-9,009	-0,081	0,286
CHR1	8899414	CHR1:8899414	SSF x Near_LoA	-9,632	-0,033	0,287
CHR1	8899480	CHR1:8899480	SSF x Near_LoA	-8,033	0,081	0,299
CHR1	8899509	CHR1:8899509	SSF x Near_LoA	-9,134	-0,006	0,291
CHR1	8899524	CHR1:8899524	SSF x Near_LoA	-9,301	-0,028	0,283
CHR1	8899544	CHR1:8899544	SSF x Near_LoA	-10,486	-0,042	0,287
CHR1	8899557	CHR1:8899557	SSF x Near_LoA	-9,123	-0,041	0,296
CHR1	8925792	CHR1:8925792	SSF x Near_LoA	-9,087	0,162	0,276
CHR1	8926007	CHR1:8926007	SSF x Near_LoA	-7,301	0,072	0,284
CHR1	8926014	CHR1:8926014	SSF x Near_LoA	-2,492	-0,148	0,282
CHR1	895501	CHR1:895501	SSF x Near_LoA	-6,193	0,177	0,292
CHR1	895528	CHR1:895528	SSF x Near_LoA	-7,533	-0,125	0,266
CHR1	895536	CHR1:895536	SSF x Near_LoA	-6,885	-0,151	0,269
CHR1	895592	CHR1:895592	SSF x Near_LoA	-7,116	0,056	0,299
CHR1	895645	CHR1:895645	SSF x Near_LoA	-8,957	-0,060	0,292
CHR1	895683	CHR1:895683	SSF x Near_LoA	-7,201	-0,094	0,292
CHR1	895684	CHR1:895684	SSF x Near_LoA	-0,541	-0,097	0,289
CHR1	8964125	CHR1:8964125	SSF x Near_LoA	-7,353	-0,086	0,286
CHR1	8979937	CHR1:8979937	SSF x Near_LoA	-8,919	0,014	0,289
CHR1	8979938	CHR1:8979938	SSF x Near_LoA	-8,623	-0,003	0,282
CHR1	8984920	CHR1:8984920	SSF x Near_LoA	-7,873	0,218	0,260
CHR1	8985039	CHR1:8985039	SSF x Near_LoA	-2,314	-0,157	0,282
CHR1	8985136	CHR1:8985136	SSF x Near_LoA	-5,784	-0,196	0,263
CHR1	8989809	CHR1:8989809	SSF x Near_LoA	-6,690	0,128	0,282
CHR1	8990837	CHR1:8990837	SSF x Near_LoA	-7,390	0,070	0,290
CHR1	9013205	CHR1:9013205	SSF x Near_LoA	-9,311	-0,040	0,279
CHR1	9013219	CHR1:9013219	SSF x Near_LoA	-7,163	-0,017	0,294
CHR1	9013292	CHR1:9013292	SSF x Near_LoA	-9,120	0,002	0,284

CHR1	9013510	CHR1:9013510	SSF x Near_LoA	-11,020	0,004	0,285
CHR1	9013534	CHR1:9013534	SSF x Near_LoA	-9,122	0,053	0,288
CHR1	9052172	CHR1:9052172	SSF x Near_LoA	-7,405	0,096	0,299
CHR1	9052196	CHR1:9052196	SSF x Near_LoA	-7,620	0,021	0,287
CHR1	9052295	CHR1:9052295	SSF x Near_LoA	-8,933	0,017	0,291
CHR1	9078538	CHR1:9078538	SSF x Near_LoA	-7,666	0,092	0,285
CHR1	9080955	CHR1:9080955	SSF x Near_LoA	-6,545	-0,187	0,275
CHR1	9080991	CHR1:9080991	SSF x Near_LoA	-7,390	-0,078	0,283
CHR1	9080999	CHR1:9080999	SSF x Near_LoA	-8,733	0,024	0,307
CHR1	9081133	CHR1:9081133	SSF x Near_LoA	-9,827	-0,084	0,289
CHR1	9086501	CHR1:9086501	SSF x Near_LoA	-9,946	-0,015	0,286
CHR1	9086686	CHR1:9086686	SSF x Near_LoA	-4,174	-0,120	0,285
CHR1	9092655	CHR1:9092655	SSF x Near_LoA	-6,728	0,174	0,273
CHR1	9092781	CHR1:9092781	SSF x Near_LoA	-7,958	-0,011	0,284
CHR1	9103644	CHR1:9103644	SSF x Near_LoA	-6,176	0,092	0,287
CHR1	9103698	CHR1:9103698	SSF x Near_LoA	-6,812	0,139	0,296
CHR1	9103709	CHR1:9103709	SSF x Near_LoA	-8,672	-0,058	0,293
CHR1	9103711	CHR1:9103711	SSF x Near_LoA	-9,135	-0,058	0,296
CHR1	9103718	CHR1:9103718	SSF x Near_LoA	-9,444	0,027	0,284
CHR1	9103815	CHR1:9103815	SSF x Near_LoA	-5,092	-0,139	0,278
CHR1	9108024	CHR1:9108024	SSF x Near_LoA	-10,169	-0,107	0,285
CHR1	9108062	CHR1:9108062	SSF x Near_LoA	-9,183	-0,162	0,281
CHR1	9109647	CHR1:9109647	SSF x Near_LoA	-5,037	-0,171	0,271
CHR1	9109674	CHR1:9109674	SSF x Near_LoA	-8,251	0,110	0,295
CHR1	9117816	CHR1:9117816	SSF x Near_LoA	-4,763	-0,031	0,303
CHR1	9117844	CHR1:9117844	SSF x Near_LoA	-7,332	-0,014	0,301
CHR1	9117849	CHR1:9117849	SSF x Near_LoA	-4,303	0,180	0,295
CHR1	9117930	CHR1:9117930	SSF x Near_LoA	-1,788	-0,226	0,275
CHR1	9117940	CHR1:9117940	SSF x Near_LoA	-3,870	-0,236	0,279
CHR1	9117950	CHR1:9117950	SSF x Near_LoA	-3,328	-0,238	0,272
CHR1	9122923	CHR1:9122923	SSF x Near_LoA	-6,604	0,003	0,290
CHR1	9122954	CHR1:9122954	SSF x Near_LoA	-9,115	-0,014	0,284
CHR1	9122965	CHR1:9122965	SSF x Near_LoA	-8,779	0,042	0,287
CHR1	9133358	CHR1:9133358	SSF x Near_LoA	-9,535	-0,003	0,273
CHR1	9133362	CHR1:9133362	SSF x Near_LoA	-8,094	-0,132	0,283
CHR1	9133377	CHR1:9133377	SSF x Near_LoA	-7,911	-0,011	0,273
CHR1	9133378	CHR1:9133378	SSF x Near_LoA	-9,175	-0,039	0,271
CHR1	9133471	CHR1:9133471	SSF x Near_LoA	-3,551	-0,118	0,273
CHR1	9133531	CHR1:9133531	SSF x Near_LoA	-9,752	0,014	0,277
CHR1	9147680	CHR1:9147680	SSF x Near_LoA	-10,083	0,048	0,276
CHR1	9147743	CHR1:9147743	SSF x Near_LoA	-10,602	0,003	0,268
CHR1	9150687	CHR1:9150687	SSF x Near_LoA	-7,728	0,031	0,301
CHR1	9158227	CHR1:9158227	SSF x Near_LoA	-10,097	-0,031	0,294
CHR1	9158282	CHR1:9158282	SSF x Near_LoA	-8,093	-0,048	0,285
CHR1	9158726	CHR1:9158726	SSF x Near_LoA	-4,741	0,185	0,279
CHR1	9158740	CHR1:9158740	SSF x Near_LoA	-3,901	-0,234	0,253
CHR1	9162783	CHR1:9162783	SSF x Near_LoA	-9,083	-0,043	0,280
CHR1	9162850	CHR1:9162850	SSF x Near_LoA	-7,239	-0,062	0,283
CHR1	9162955	CHR1:9162955	SSF x Near_LoA	-7,968	-0,025	0,277
CHR1	9162961	CHR1:9162961	SSF x Near_LoA	-7,403	0,102	0,280
CHR1	9174808	CHR1:9174808	SSF x Near_LoA	-8,479	0,098	0,282
CHR1	9174968	CHR1:9174968	SSF x Near_LoA	-9,919	-0,083	0,289
CHR1	9185478	CHR1:9185478	SSF x Near_LoA	-7,340	-0,041	0,283

CHR1	9185529	CHR1:9185529	SSF x Near_LoA	-6,167	0,110	0,289
CHR1	9185611	CHR1:9185611	SSF x Near_LoA	-7,856	-0,158	0,268
CHR1	9185712	CHR1:9185712	SSF x Near_LoA	-7,921	0,097	0,273
CHR1	9205337	CHR1:9205337	SSF x Near_LoA	-11,021	0,033	0,284
CHR1	9212265	CHR1:9212265	SSF x Near_LoA	-6,595	0,090	0,281
CHR1	9216605	CHR1:9216605	SSF x Near_LoA	-6,339	-0,174	0,283
CHR1	9216696	CHR1:9216696	SSF x Near_LoA	-9,561	0,011	0,288
CHR1	9225149	CHR1:9225149	SSF x Near_LoA	-8,654	0,125	0,280
CHR1	9235875	CHR1:9235875	SSF x Near_LoA	-6,228	-0,097	0,281
CHR1	9237284	CHR1:9237284	SSF x Near_LoA	-7,723	0,116	0,279
CHR1	9237293	CHR1:9237293	SSF x Near_LoA	-6,238	-0,061	0,287
CHR1	9237413	CHR1:9237413	SSF x Near_LoA	0,823	0,103	0,270
CHR1	9237415	CHR1:9237415	SSF x Near_LoA	-2,050	-0,148	0,279
CHR1	9237422	CHR1:9237422	SSF x Near_LoA	-9,321	0,080	0,274
CHR1	9237513	CHR1:9237513	SSF x Near_LoA	-8,785	0,134	0,282
CHR1	9241148	CHR1:9241148	SSF x Near_LoA	-6,142	0,191	0,284
CHR1	924839	CHR1:924839	SSF x Near_LoA	-6,676	-0,211	0,275
CHR1	924933	CHR1:924933	SSF x Near_LoA	-6,616	-0,087	0,276
CHR1	924996	CHR1:924996	SSF x Near_LoA	-9,947	0,026	0,288
CHR1	925031	CHR1:925031	SSF x Near_LoA	-7,461	-0,145	0,290
CHR1	925192	CHR1:925192	SSF x Near_LoA	-5,010	-0,145	0,292
CHR1	9260078	CHR1:9260078	SSF x Near_LoA	-7,844	0,097	0,287
CHR1	9267777	CHR1:9267777	SSF x Near_LoA	-6,907	-0,088	0,281
CHR1	9267824	CHR1:9267824	SSF x Near_LoA	-5,564	0,120	0,283
CHR1	9267825	CHR1:9267825	SSF x Near_LoA	-6,833	0,128	0,273
CHR1	9280176	CHR1:9280176	SSF x Near_LoA	-7,734	-0,022	0,283
CHR1	9280211	CHR1:9280211	SSF x Near_LoA	-7,825	0,064	0,286
CHR1	9280231	CHR1:9280231	SSF x Near_LoA	-6,846	0,094	0,294
CHR1	9284342	CHR1:9284342	SSF x Near_LoA	-8,899	0,058	0,291
CHR1	9284346	CHR1:9284346	SSF x Near_LoA	-10,695	0,046	0,287
CHR1	9290110	CHR1:9290110	SSF x Near_LoA	-7,559	0,025	0,296
CHR1	9290180	CHR1:9290180	SSF x Near_LoA	-7,841	-0,055	0,289
CHR1	9290218	CHR1:9290218	SSF x Near_LoA	-7,861	0,008	0,300
CHR1	9290266	CHR1:9290266	SSF x Near_LoA	-8,833	-0,006	0,283
CHR1	9290277	CHR1:9290277	SSF x Near_LoA	-7,784	-0,020	0,296
CHR1	9307627	CHR1:9307627	SSF x Near_LoA	-5,643	0,111	0,279
CHR1	9307714	CHR1:9307714	SSF x Near_LoA	-4,508	0,148	0,271
CHR1	9307733	CHR1:9307733	SSF x Near_LoA	-8,131	0,168	0,279
CHR1	9307806	CHR1:9307806	SSF x Near_LoA	-6,366	0,037	0,299
CHR1	9307823	CHR1:9307823	SSF x Near_LoA	-6,942	0,106	0,283
CHR1	9307873	CHR1:9307873	SSF x Near_LoA	-7,766	-0,012	0,290
CHR1	9307903	CHR1:9307903	SSF x Near_LoA	-6,614	-0,037	0,297
CHR1	9307917	CHR1:9307917	SSF x Near_LoA	-8,089	-0,044	0,280
CHR1	9307960	CHR1:9307960	SSF x Near_LoA	-9,322	0,042	0,296
CHR1	9328716	CHR1:9328716	SSF x Near_LoA	-4,443	-0,160	0,281
CHR1	9340616	CHR1:9340616	SSF x Near_LoA	-8,271	0,191	0,276
CHR1	9340891	CHR1:9340891	SSF x Near_LoA	-10,248	0,012	0,292
CHR1	9340912	CHR1:9340912	SSF x Near_LoA	-7,686	-0,095	0,270
CHR1	9348029	CHR1:9348029	SSF x Near_LoA	-8,130	-0,078	0,296
CHR1	9348227	CHR1:9348227	SSF x Near_LoA	-6,646	-0,055	0,274
CHR1	9354203	CHR1:9354203	SSF x Near_LoA	-9,604	-0,003	0,300
CHR1	9355894	CHR1:9355894	SSF x Near_LoA	-8,261	0,038	0,289
CHR1	9356029	CHR1:9356029	SSF x Near_LoA	-4,240	0,228	0,275

CHR1	9356037	CHR1:9356037	SSF x Near_LoA	-7,720	0,083	0,281
CHR1	9356063	CHR1:9356063	SSF x Near_LoA	-4,169	0,217	0,282
CHR1	9371447	CHR1:9371447	SSF x Near_LoA	-8,917	0,005	0,282
CHR1	9373205	CHR1:9373205	SSF x Near_LoA	-8,228	-0,120	0,294
CHR1	9373255	CHR1:9373255	SSF x Near_LoA	-8,646	0,135	0,274
CHR1	9373258	CHR1:9373258	SSF x Near_LoA	-4,590	0,163	0,284
CHR1	9373272	CHR1:9373272	SSF x Near_LoA	-5,956	0,169	0,276
CHR1	9377480	CHR1:9377480	SSF x Near_LoA	-7,522	0,149	0,285
CHR1	9409295	CHR1:9409295	SSF x Near_LoA	-11,090	0,071	0,269
CHR1	941061	CHR1:941061	SSF x Near_LoA	-10,907	0,022	0,281
CHR1	941087	CHR1:941087	SSF x Near_LoA	-3,268	0,184	0,267
CHR1	941103	CHR1:941103	SSF x Near_LoA	-5,227	0,149	0,279
CHR1	941114	CHR1:941114	SSF x Near_LoA	0,454	0,147	0,290
CHR1	941138	CHR1:941138	SSF x Near_LoA	-8,182	-0,006	0,298
CHR1	941143	CHR1:941143	SSF x Near_LoA	-10,035	0,081	0,293
CHR1	941235	CHR1:941235	SSF x Near_LoA	-9,968	0,076	0,301
CHR1	941302	CHR1:941302	SSF x Near_LoA	-4,834	-0,226	0,277
CHR1	941362	CHR1:941362	SSF x Near_LoA	-7,390	0,045	0,288
CHR1	941365	CHR1:941365	SSF x Near_LoA	-8,030	-0,123	0,270
CHR1	941440	CHR1:941440	SSF x Near_LoA	-7,732	-0,077	0,276
CHR1	9420204	CHR1:9420204	SSF x Near_LoA	-10,743	-0,036	0,288
CHR1	9476436	CHR1:9476436	SSF x Near_LoA	-7,033	-0,106	0,290
CHR1	9476445	CHR1:9476445	SSF x Near_LoA	-8,648	-0,077	0,288
CHR1	9488389	CHR1:9488389	SSF x Near_LoA	-7,931	-0,048	0,292
CHR1	9488438	CHR1:9488438	SSF x Near_LoA	-6,661	0,085	0,285
CHR1	9488457	CHR1:9488457	SSF x Near_LoA	-6,635	0,035	0,294
CHR1	9488480	CHR1:9488480	SSF x Near_LoA	-7,930	0,027	0,297
CHR1	9488495	CHR1:9488495	SSF x Near_LoA	-8,963	-0,047	0,279
CHR1	9488507	CHR1:9488507	SSF x Near_LoA	-6,805	-0,013	0,292
CHR1	9488511	CHR1:9488511	SSF x Near_LoA	-10,481	-0,076	0,284
CHR1	9488519	CHR1:9488519	SSF x Near_LoA	-7,070	0,014	0,286
CHR1	9490702	CHR1:9490702	SSF x Near_LoA	-8,595	0,015	0,301
CHR1	9490950	CHR1:9490950	SSF x Near_LoA	-9,235	-0,034	0,280
CHR1	9507940	CHR1:9507940	SSF x Near_LoA	-8,305	-0,136	0,283
CHR1	9507967	CHR1:9507967	SSF x Near_LoA	-7,693	-0,029	0,306
CHR1	9508011	CHR1:9508011	SSF x Near_LoA	-8,840	0,021	0,282
CHR1	9508026	CHR1:9508026	SSF x Near_LoA	-6,410	0,081	0,295
CHR1	9508157	CHR1:9508157	SSF x Near_LoA	-6,609	-0,072	0,290
CHR1	9519746	CHR1:9519746	SSF x Near_LoA	-6,687	-0,081	0,301
CHR1	9519763	CHR1:9519763	SSF x Near_LoA	-7,850	0,037	0,280
CHR1	9519767	CHR1:9519767	SSF x Near_LoA	-10,972	-0,030	0,277
CHR1	9519786	CHR1:9519786	SSF x Near_LoA	-6,355	0,131	0,269
CHR1	9519854	CHR1:9519854	SSF x Near_LoA	-5,212	-0,165	0,276
CHR1	9520000	CHR1:9520000	SSF x Near_LoA	-9,172	0,031	0,284
CHR1	9522348	CHR1:9522348	SSF x Near_LoA	-10,087	0,041	0,289
CHR1	9522464	CHR1:9522464	SSF x Near_LoA	-8,111	0,028	0,288
CHR1	9528151	CHR1:9528151	SSF x Near_LoA	-6,568	0,048	0,298
CHR1	9528339	CHR1:9528339	SSF x Near_LoA	-5,578	0,016	0,297
CHR1	9528417	CHR1:9528417	SSF x Near_LoA	-8,674	-0,001	0,280
CHR1	9528462	CHR1:9528462	SSF x Near_LoA	-7,361	0,084	0,287
CHR1	9528464	CHR1:9528464	SSF x Near_LoA	-7,385	-0,081	0,298
CHR1	9528490	CHR1:9528490	SSF x Near_LoA	-6,693	-0,151	0,280
CHR1	9528526	CHR1:9528526	SSF x Near_LoA	-8,965	0,131	0,291

CHR1	9539625	CHR1:9539625	SSF x Near_LoA	-8,435	0,005	0,286
CHR1	9543052	CHR1:9543052	SSF x Near_LoA	-9,265	0,046	0,298
CHR1	9543055	CHR1:9543055	SSF x Near_LoA	-10,487	0,061	0,272
CHR1	9543057	CHR1:9543057	SSF x Near_LoA	-5,838	-0,122	0,292
CHR1	9543143	CHR1:9543143	SSF x Near_LoA	-3,870	0,249	0,269
CHR1	9543211	CHR1:9543211	SSF x Near_LoA	-9,560	-0,043	0,281
CHR1	955670	CHR1:955670	SSF x Near_LoA	-7,380	-0,054	0,300
CHR1	955734	CHR1:955734	SSF x Near_LoA	-9,523	-0,058	0,281
CHR1	9557373	CHR1:9557373	SSF x Near_LoA	-8,170	0,076	0,267
CHR1	956040	CHR1:956040	SSF x Near_LoA	-9,227	-0,047	0,274
CHR1	956055	CHR1:956055	SSF x Near_LoA	-8,293	0,006	0,282
CHR1	956068	CHR1:956068	SSF x Near_LoA	-9,230	-0,014	0,274
CHR1	9571160	CHR1:9571160	SSF x Near_LoA	-7,879	0,037	0,285
CHR1	9626386	CHR1:9626386	SSF x Near_LoA	-8,353	0,000	0,282
CHR1	9640679	CHR1:9640679	SSF x Near_LoA	-7,531	0,042	0,293
CHR1	9669189	CHR1:9669189	SSF x Near_LoA	-6,837	-0,021	0,286
CHR1	9672946	CHR1:9672946	SSF x Near_LoA	-7,785	-0,039	0,289
CHR1	9672961	CHR1:9672961	SSF x Near_LoA	-7,920	-0,037	0,291
CHR1	9672989	CHR1:9672989	SSF x Near_LoA	-9,408	-0,030	0,285
CHR1	9672992	CHR1:9672992	SSF x Near_LoA	-6,827	-0,065	0,288
CHR1	9673005	CHR1:9673005	SSF x Near_LoA	-8,389	-0,081	0,282
CHR1	9673010	CHR1:9673010	SSF x Near_LoA	-8,487	0,054	0,278
CHR1	9673038	CHR1:9673038	SSF x Near_LoA	-7,265	-0,065	0,274
CHR1	9673086	CHR1:9673086	SSF x Near_LoA	-8,415	0,102	0,286
CHR1	9690196	CHR1:9690196	SSF x Near_LoA	-10,380	-0,005	0,287
CHR1	9696284	CHR1:9696284	SSF x Near_LoA	-8,549	0,016	0,274
CHR1	9698856	CHR1:9698856	SSF x Near_LoA	-8,354	0,076	0,279
CHR1	9698885	CHR1:9698885	SSF x Near_LoA	-9,000	0,024	0,296
CHR1	9698899	CHR1:9698899	SSF x Near_LoA	-3,046	-0,234	0,269
CHR1	9708003	CHR1:9708003	SSF x Near_LoA	-3,740	-0,093	0,293
CHR1	9708152	CHR1:9708152	SSF x Near_LoA	-8,327	0,054	0,290
CHR1	9708301	CHR1:9708301	SSF x Near_LoA	-6,988	0,031	0,284
CHR1	9725976	CHR1:9725976	SSF x Near_LoA	-8,228	0,082	0,293
CHR1	9725978	CHR1:9725978	SSF x Near_LoA	-7,752	0,136	0,273
CHR1	9725990	CHR1:9725990	SSF x Near_LoA	-9,766	0,102	0,277
CHR1	9726018	CHR1:9726018	SSF x Near_LoA	-1,774	0,258	0,266
CHR1	9726042	CHR1:9726042	SSF x Near_LoA	-5,960	0,160	0,290
CHR1	9730084	CHR1:9730084	SSF x Near_LoA	-7,904	-0,141	0,287
CHR1	9730199	CHR1:9730199	SSF x Near_LoA	-9,724	-0,011	0,294
CHR1	9756438	CHR1:9756438	SSF x Near_LoA	-7,955	0,025	0,292
CHR1	9756638	CHR1:9756638	SSF x Near_LoA	-9,883	-0,002	0,279
CHR1	9776527	CHR1:9776527	SSF x Near_LoA	-2,164	-0,175	0,303
CHR1	9776531	CHR1:9776531	SSF x Near_LoA	-4,601	-0,117	0,277
CHR1	9776546	CHR1:9776546	SSF x Near_LoA	-10,456	0,013	0,285
CHR1	9776567	CHR1:9776567	SSF x Near_LoA	-6,458	-0,097	0,285
CHR1	9776610	CHR1:9776610	SSF x Near_LoA	-7,380	-0,115	0,284
CHR1	9780754	CHR1:9780754	SSF x Near_LoA	-7,952	-0,024	0,299
CHR1	9780787	CHR1:9780787	SSF x Near_LoA	-9,252	-0,036	0,276
CHR1	9780943	CHR1:9780943	SSF x Near_LoA	-9,260	-0,134	0,288
CHR1	9795779	CHR1:9795779	SSF x Near_LoA	-7,666	-0,024	0,276
CHR1	9795823	CHR1:9795823	SSF x Near_LoA	-5,220	-0,068	0,302
CHR1	9795840	CHR1:9795840	SSF x Near_LoA	-8,193	0,004	0,284
CHR1	9795851	CHR1:9795851	SSF x Near_LoA	-7,389	0,000	0,293

CHR1	9797281	CHR1:9797281	SSF x Near_LoA	-7,160	-0,181	0,272
CHR1	9797298	CHR1:9797298	SSF x Near_LoA	-9,701	-0,114	0,297
CHR1	9798433	CHR1:9798433	SSF x Near_LoA	-7,747	0,014	0,291
CHR1	9823260	CHR1:9823260	SSF x Near_LoA	-8,110	-0,103	0,277
CHR1	9823270	CHR1:9823270	SSF x Near_LoA	-8,718	-0,088	0,287
CHR1	9823348	CHR1:9823348	SSF x Near_LoA	-0,497	0,125	0,277
CHR1	9828992	CHR1:9828992	SSF x Near_LoA	-8,786	-0,099	0,283
CHR1	9829003	CHR1:9829003	SSF x Near_LoA	-6,883	-0,175	0,272
CHR1	9867794	CHR1:9867794	SSF x Near_LoA	-8,328	0,040	0,291
CHR1	9867815	CHR1:9867815	SSF x Near_LoA	-6,975	-0,137	0,269
CHR1	9867863	CHR1:9867863	SSF x Near_LoA	-9,011	-0,012	0,288
CHR1	9867896	CHR1:9867896	SSF x Near_LoA	-9,434	-0,036	0,293
CHR1	9867900	CHR1:9867900	SSF x Near_LoA	-9,501	-0,078	0,274
CHR1	9867949	CHR1:9867949	SSF x Near_LoA	-8,869	-0,060	0,279
CHR1	9874740	CHR1:9874740	SSF x Near_LoA	-7,055	-0,104	0,284
CHR1	9874750	CHR1:9874750	SSF x Near_LoA	-4,268	0,166	0,271
CHR1	9874761	CHR1:9874761	SSF x Near_LoA	-8,677	-0,044	0,293
CHR1	9874767	CHR1:9874767	SSF x Near_LoA	-5,068	-0,111	0,283
CHR1	9874788	CHR1:9874788	SSF x Near_LoA	-9,123	-0,031	0,294
CHR1	9879311	CHR1:9879311	SSF x Near_LoA	-7,614	0,058	0,285
CHR1	991189	CHR1:991189	SSF x Near_LoA	-5,009	-0,152	0,284
CHR1	9919507	CHR1:9919507	SSF x Near_LoA	-4,381	-0,104	0,281
CHR1	9919565	CHR1:9919565	SSF x Near_LoA	-7,331	0,063	0,274
CHR1	9919660	CHR1:9919660	SSF x Near_LoA	-7,809	-0,110	0,273
CHR1	9919663	CHR1:9919663	SSF x Near_LoA	-6,463	0,011	0,271
CHR1	9919671	CHR1:9919671	SSF x Near_LoA	-8,148	-0,106	0,279
CHR1	9919767	CHR1:9919767	SSF x Near_LoA	-7,133	-0,030	0,301
CHR1	9924723	CHR1:9924723	SSF x Near_LoA	-6,503	0,125	0,291
CHR1	9924737	CHR1:9924737	SSF x Near_LoA	-8,921	0,115	0,287
CHR1	9924760	CHR1:9924760	SSF x Near_LoA	-5,526	0,113	0,286
CHR1	9924842	CHR1:9924842	SSF x Near_LoA	-8,577	0,062	0,289
CHR1	9924848	CHR1:9924848	SSF x Near_LoA	-10,643	0,005	0,268
CHR1	9924863	CHR1:9924863	SSF x Near_LoA	-5,619	0,123	0,284
CHR1	9924887	CHR1:9924887	SSF x Near_LoA	-9,839	-0,009	0,279
CHR1	9948113	CHR1:9948113	SSF x Near_LoA	-6,611	-0,144	0,298
CHR1	9960397	CHR1:9960397	SSF x Near_LoA	-8,322	0,028	0,288
CHR1	9960406	CHR1:9960406	SSF x Near_LoA	-6,452	-0,123	0,290
CHR1	9960499	CHR1:9960499	SSF x Near_LoA	-7,027	-0,051	0,272
CHR1	9960527	CHR1:9960527	SSF x Near_LoA	-10,161	0,042	0,287
CHR1	9975523	CHR1:9975523	SSF x Near_LoA	-10,403	-0,050	0,285
CHR1	9975556	CHR1:9975556	SSF x Near_LoA	-8,842	0,065	0,278
CHR1	9980347	CHR1:9980347	SSF x Near_LoA	-9,038	-0,061	0,286
CHR1	9980377	CHR1:9980377	SSF x Near_LoA	8,330	-0,236	0,273
CHR1	9991876	CHR1:9991876	SSF x Near_LoA	-7,212	-0,137	0,289
CHR1	9991889	CHR1:9991889	SSF x Near_LoA	-8,878	-0,099	0,296
CHR1	9991923	CHR1:9991923	SSF x Near_LoA	-4,503	0,131	0,282
CHR1	9992098	CHR1:9992098	SSF x Near_LoA	-9,370	-0,006	0,292
CHR1	9993162	CHR1:9993162	SSF x Near_LoA	-8,682	-0,052	0,285
CHR1	9993300	CHR1:9993300	SSF x Near_LoA	-2,677	0,067	0,281
CHR2	1E+07	CHR2:10084278	SSF x Near_LoA	-8,655	0,045	0,294
CHR2	1E+07	CHR2:10108939	SSF x Near_LoA	-7,997	0,058	0,282
CHR2	1E+07	CHR2:10110794	SSF x Near_LoA	-5,145	0,219	0,282
CHR2	1E+07	CHR2:10116068	SSF x Near_LoA	-8,724	-0,046	0,285

CHR2	1E+07	CHR2:10116094	SSF x Near_LoA	-7,650	-0,071	0,297
CHR2	1E+07	CHR2:10116280	SSF x Near_LoA	-8,913	0,021	0,289
CHR2	1E+07	CHR2:10118345	SSF x Near_LoA	-9,415	0,007	0,282
CHR2	1012026	CHR2:1012026	SSF x Near_LoA	-7,155	0,064	0,281
CHR2	1012153	CHR2:1012153	SSF x Near_LoA	-10,067	-0,011	0,290
CHR2	1012180	CHR2:1012180	SSF x Near_LoA	-10,801	-0,025	0,285
CHR2	1E+07	CHR2:10122079	SSF x Near_LoA	-8,762	-0,095	0,269
CHR2	1E+07	CHR2:10122127	SSF x Near_LoA	-9,221	0,005	0,302
CHR2	1E+07	CHR2:10122268	SSF x Near_LoA	-8,371	-0,106	0,281
CHR2	1E+07	CHR2:10122315	SSF x Near_LoA	-7,719	0,086	0,282
CHR2	1E+07	CHR2:10122334	SSF x Near_LoA	-8,947	-0,038	0,285
CHR2	1E+07	CHR2:10122395	SSF x Near_LoA	-8,173	-0,004	0,286
CHR2	1E+07	CHR2:10131562	SSF x Near_LoA	-8,701	-0,060	0,284
CHR2	1E+07	CHR2:10131596	SSF x Near_LoA	-9,499	-0,048	0,286
CHR2	1E+07	CHR2:10131640	SSF x Near_LoA	-8,860	-0,052	0,290
CHR2	1E+07	CHR2:10131926	SSF x Near_LoA	-5,318	-0,238	0,270
CHR2	1E+07	CHR2:10136329	SSF x Near_LoA	-8,708	0,059	0,296
CHR2	1E+07	CHR2:10136627	SSF x Near_LoA	-7,716	0,082	0,302
CHR2	1013866	CHR2:1013866	SSF x Near_LoA	-6,851	-0,025	0,293
CHR2	1013883	CHR2:1013883	SSF x Near_LoA	-6,986	0,081	0,276
CHR2	1E+07	CHR2:10139408	SSF x Near_LoA	-7,735	-0,038	0,286
CHR2	1013941	CHR2:1013941	SSF x Near_LoA	-7,692	0,055	0,283
CHR2	1013947	CHR2:1013947	SSF x Near_LoA	-8,252	0,049	0,281
CHR2	1E+07	CHR2:10139554	SSF x Near_LoA	-10,080	0,044	0,281
CHR2	1E+07	CHR2:10139750	SSF x Near_LoA	-8,171	0,026	0,291
CHR2	1E+07	CHR2:10153656	SSF x Near_LoA	-9,810	0,102	0,275
CHR2	1E+07	CHR2:10153816	SSF x Near_LoA	-10,347	-0,001	0,289
CHR2	1E+07	CHR2:10153859	SSF x Near_LoA	-8,475	-0,046	0,301
CHR2	1015630	CHR2:1015630	SSF x Near_LoA	-8,227	-0,044	0,290
CHR2	1015678	CHR2:1015678	SSF x Near_LoA	-7,951	0,073	0,276
CHR2	1015733	CHR2:1015733	SSF x Near_LoA	-2,302	0,185	0,280
CHR2	1015752	CHR2:1015752	SSF x Near_LoA	-8,430	-0,099	0,297
CHR2	1015758	CHR2:1015758	SSF x Near_LoA	-9,475	0,041	0,287
CHR2	1015765	CHR2:1015765	SSF x Near_LoA	-9,151	-0,100	0,276
CHR2	1E+07	CHR2:10178794	SSF x Near_LoA	-4,999	-0,135	0,275
CHR2	1E+07	CHR2:10178877	SSF x Near_LoA	-9,992	-0,042	0,279
CHR2	1E+07	CHR2:10178892	SSF x Near_LoA	-9,188	-0,069	0,290
CHR2	1E+07	CHR2:10178925	SSF x Near_LoA	-6,135	-0,130	0,276
CHR2	1E+07	CHR2:10188558	SSF x Near_LoA	-9,844	-0,049	0,293
CHR2	1E+07	CHR2:10188561	SSF x Near_LoA	-7,477	0,084	0,296
CHR2	1E+07	CHR2:10188603	SSF x Near_LoA	-7,630	0,093	0,283
CHR2	1E+07	CHR2:10190047	SSF x Near_LoA	-6,378	0,111	0,282
CHR2	1E+07	CHR2:10190069	SSF x Near_LoA	-8,540	0,095	0,290
CHR2	1E+07	CHR2:10190141	SSF x Near_LoA	-7,305	-0,056	0,295
CHR2	1E+07	CHR2:10190151	SSF x Near_LoA	-7,136	-0,020	0,279
CHR2	1E+07	CHR2:10190164	SSF x Near_LoA	-7,090	-0,071	0,296
CHR2	1E+07	CHR2:10190200	SSF x Near_LoA	-7,818	0,070	0,294
CHR2	1E+07	CHR2:10190226	SSF x Near_LoA	-7,084	0,082	0,285
CHR2	1E+07	CHR2:10190241	SSF x Near_LoA	-7,321	0,010	0,287
CHR2	1E+07	CHR2:10190243	SSF x Near_LoA	-8,674	-0,033	0,281
CHR2	1E+07	CHR2:10190257	SSF x Near_LoA	-6,660	0,020	0,287
CHR2	1E+07	CHR2:10190296	SSF x Near_LoA	-8,310	-0,034	0,287
CHR2	1E+07	CHR2:10195011	SSF x Near_LoA	-8,715	0,050	0,280

CHR2	1E+07	CHR2:10195033	SSF x Near_LoA	-8,721	-0,019	0,282
CHR2	1E+07	CHR2:10195037	SSF x Near_LoA	-10,668	-0,003	0,280
CHR2	1E+07	CHR2:10195045	SSF x Near_LoA	-6,704	0,068	0,290
CHR2	1E+07	CHR2:10195230	SSF x Near_LoA	-8,637	-0,119	0,290
CHR2	1E+07	CHR2:10205272	SSF x Near_LoA	-7,935	0,022	0,290
CHR2	1E+07	CHR2:10205414	SSF x Near_LoA	-5,672	-0,166	0,262
CHR2	1E+07	CHR2:10205422	SSF x Near_LoA	-7,994	-0,030	0,269
CHR2	1E+07	CHR2:10210002	SSF x Near_LoA	-7,450	0,018	0,292
CHR2	1E+07	CHR2:10210004	SSF x Near_LoA	-7,590	-0,122	0,279
CHR2	1E+07	CHR2:10213122	SSF x Near_LoA	-9,914	-0,059	0,302
CHR2	1E+07	CHR2:10213339	SSF x Near_LoA	-9,059	-0,049	0,301
CHR2	1E+07	CHR2:10217098	SSF x Near_LoA	-8,506	-0,127	0,284
CHR2	1E+07	CHR2:10217120	SSF x Near_LoA	-6,929	0,067	0,304
CHR2	1E+07	CHR2:10219887	SSF x Near_LoA	4,734	-0,125	0,287
CHR2	1E+07	CHR2:10219954	SSF x Near_LoA	-5,756	0,126	0,263
CHR2	1E+07	CHR2:10219998	SSF x Near_LoA	-6,615	-0,084	0,292
CHR2	1E+07	CHR2:10226260	SSF x Near_LoA	-7,931	0,078	0,290
CHR2	1E+07	CHR2:10226272	SSF x Near_LoA	-7,108	-0,074	0,281
CHR2	1E+07	CHR2:10226357	SSF x Near_LoA	-6,031	-0,172	0,293
CHR2	1E+07	CHR2:10226393	SSF x Near_LoA	-8,105	-0,028	0,279
CHR2	1E+07	CHR2:10226431	SSF x Near_LoA	-5,398	0,204	0,275
CHR2	1E+07	CHR2:10228300	SSF x Near_LoA	-6,952	0,006	0,290
CHR2	1E+07	CHR2:10230372	SSF x Near_LoA	-9,685	0,086	0,277
CHR2	1E+07	CHR2:10230417	SSF x Near_LoA	-8,428	-0,087	0,286
CHR2	1E+07	CHR2:10230421	SSF x Near_LoA	-8,546	-0,046	0,285
CHR2	1E+07	CHR2:10230440	SSF x Near_LoA	-6,826	-0,159	0,272
CHR2	1E+07	CHR2:10230459	SSF x Near_LoA	-8,597	-0,018	0,292
CHR2	1E+07	CHR2:10230525	SSF x Near_LoA	-5,204	0,092	0,306
CHR2	1E+07	CHR2:10230531	SSF x Near_LoA	-8,011	0,059	0,295
CHR2	1E+07	CHR2:10230539	SSF x Near_LoA	-7,812	0,054	0,291
CHR2	1E+07	CHR2:10237109	SSF x Near_LoA	-4,717	0,098	0,284
CHR2	1E+07	CHR2:10244199	SSF x Near_LoA	-9,244	-0,052	0,286
CHR2	1E+07	CHR2:10244394	SSF x Near_LoA	-8,585	0,009	0,301
CHR2	1E+07	CHR2:10244442	SSF x Near_LoA	-10,086	-0,042	0,284
CHR2	1E+07	CHR2:10249911	SSF x Near_LoA	-9,323	0,013	0,292
CHR2	1E+07	CHR2:10249917	SSF x Near_LoA	-5,467	0,239	0,289
CHR2	1E+07	CHR2:10250035	SSF x Near_LoA	-6,913	-0,105	0,287
CHR2	1E+07	CHR2:10250086	SSF x Near_LoA	-7,688	-0,117	0,298
CHR2	1E+07	CHR2:10278083	SSF x Near_LoA	-9,816	-0,048	0,282
CHR2	1E+07	CHR2:10282179	SSF x Near_LoA	-6,062	-0,118	0,289
CHR2	1E+07	CHR2:10282193	SSF x Near_LoA	-8,548	0,086	0,267
CHR2	1E+07	CHR2:10282248	SSF x Near_LoA	-8,811	0,036	0,281
CHR2	1E+07	CHR2:10285900	SSF x Near_LoA	-8,491	0,115	0,292
CHR2	1E+07	CHR2:10287542	SSF x Near_LoA	-6,148	-0,116	0,285
CHR2	1E+07	CHR2:10287557	SSF x Near_LoA	-3,742	-0,136	0,293
CHR2	1E+07	CHR2:10287608	SSF x Near_LoA	-9,602	0,058	0,290
CHR2	1E+07	CHR2:10288705	SSF x Near_LoA	7,638	0,173	0,273
CHR2	1E+07	CHR2:10288724	SSF x Near_LoA	-6,412	0,159	0,269
CHR2	1E+07	CHR2:10288736	SSF x Near_LoA	-6,335	0,175	0,260
CHR2	1E+07	CHR2:10288940	SSF x Near_LoA	-10,075	0,008	0,294
CHR2	1E+07	CHR2:10288970	SSF x Near_LoA	-7,215	-0,073	0,281
CHR2	1E+07	CHR2:10288990	SSF x Near_LoA	-2,945	0,173	0,293
CHR2	1E+07	CHR2:10289026	SSF x Near_LoA	-9,122	0,009	0,289

CHR2	1E+07	CHR2:10289041	SSF x Near_LoA	-2,560	0,161	0,281
CHR2	1E+07	CHR2:10294859	SSF x Near_LoA	-3,926	0,224	0,282
CHR2	1E+07	CHR2:10295727	SSF x Near_LoA	-7,892	0,075	0,289
CHR2	1E+07	CHR2:10312995	SSF x Near_LoA	-7,407	0,051	0,277
CHR2	1E+07	CHR2:10434136	SSF x Near_LoA	-10,181	-0,035	0,274
CHR2	1E+07	CHR2:10434371	SSF x Near_LoA	-7,252	-0,011	0,277
CHR2	1E+07	CHR2:10445320	SSF x Near_LoA	-7,326	-0,035	0,296
CHR2	1E+07	CHR2:10452186	SSF x Near_LoA	-9,644	-0,003	0,288
CHR2	1E+07	CHR2:10453030	SSF x Near_LoA	-6,290	-0,148	0,279
CHR2	1E+07	CHR2:10453070	SSF x Near_LoA	-7,679	-0,026	0,289
CHR2	1E+07	CHR2:10454815	SSF x Near_LoA	-8,245	0,010	0,288
CHR2	1E+07	CHR2:10455181	SSF x Near_LoA	-5,627	0,163	0,293
CHR2	1E+07	CHR2:10455186	SSF x Near_LoA	-7,628	0,157	0,279
CHR2	1E+07	CHR2:10463423	SSF x Near_LoA	-8,722	0,004	0,295
CHR2	1E+07	CHR2:10463453	SSF x Near_LoA	-4,073	0,176	0,286
CHR2	10516389	CHR2:10516389	SSF x Near_LoA	-5,386	0,131	0,281
CHR2	10516414	CHR2:10516414	SSF x Near_LoA	-7,510	0,046	0,281
CHR2	10516507	CHR2:10516507	SSF x Near_LoA	-6,086	-0,077	0,279
CHR2	10538364	CHR2:10538364	SSF x Near_LoA	-8,440	0,031	0,281
CHR2	1054449	CHR2:1054449	SSF x Near_LoA	-2,793	-0,206	0,280
CHR2	10553663	CHR2:10553663	SSF x Near_LoA	-6,711	0,020	0,280
CHR2	10553729	CHR2:10553729	SSF x Near_LoA	-7,383	0,047	0,295
CHR2	10553760	CHR2:10553760	SSF x Near_LoA	5,411	0,106	0,289
CHR2	10578390	CHR2:10578390	SSF x Near_LoA	-7,683	0,034	0,291
CHR2	10583633	CHR2:10583633	SSF x Near_LoA	-6,315	-0,009	0,275
CHR2	10583727	CHR2:10583727	SSF x Near_LoA	-9,480	0,063	0,292
CHR2	10585381	CHR2:10585381	SSF x Near_LoA	-7,813	0,008	0,294
CHR2	10585981	CHR2:10585981	SSF x Near_LoA	-10,271	-0,111	0,284
CHR2	10585992	CHR2:10585992	SSF x Near_LoA	-7,770	-0,082	0,279
CHR2	10586047	CHR2:10586047	SSF x Near_LoA	-7,414	-0,064	0,293
CHR2	10586067	CHR2:10586067	SSF x Near_LoA	-7,052	-0,063	0,277
CHR2	10586073	CHR2:10586073	SSF x Near_LoA	-7,311	-0,096	0,270
CHR2	10612746	CHR2:10612746	SSF x Near_LoA	-8,344	0,029	0,308
CHR2	10612828	CHR2:10612828	SSF x Near_LoA	-10,212	-0,089	0,288
CHR2	10612854	CHR2:10612854	SSF x Near_LoA	-10,065	-0,052	0,275
CHR2	10612864	CHR2:10612864	SSF x Near_LoA	-11,121	-0,033	0,277
CHR2	10613072	CHR2:10613072	SSF x Near_LoA	-8,950	0,136	0,285
CHR2	10613095	CHR2:10613095	SSF x Near_LoA	-7,810	-0,001	0,296
CHR2	10620927	CHR2:10620927	SSF x Near_LoA	-5,665	-0,098	0,270
CHR2	10621118	CHR2:10621118	SSF x Near_LoA	-7,277	0,063	0,271
CHR2	10621168	CHR2:10621168	SSF x Near_LoA	-8,982	0,095	0,285
CHR2	10621991	CHR2:10621991	SSF x Near_LoA	-3,669	-0,152	0,283
CHR2	10634541	CHR2:10634541	SSF x Near_LoA	-9,948	0,032	0,290
CHR2	10634611	CHR2:10634611	SSF x Near_LoA	-10,126	0,012	0,293
CHR2	10634616	CHR2:10634616	SSF x Near_LoA	-7,890	-0,113	0,282
CHR2	10634787	CHR2:10634787	SSF x Near_LoA	-10,115	0,108	0,291
CHR2	10635026	CHR2:10635026	SSF x Near_LoA	-6,710	-0,003	0,282
CHR2	10638546	CHR2:10638546	SSF x Near_LoA	-5,708	-0,104	0,281
CHR2	10638549	CHR2:10638549	SSF x Near_LoA	-4,677	0,174	0,295
CHR2	10638639	CHR2:10638639	SSF x Near_LoA	-8,263	-0,102	0,283
CHR2	10638641	CHR2:10638641	SSF x Near_LoA	-6,361	0,140	0,286
CHR2	10638669	CHR2:10638669	SSF x Near_LoA	-7,820	0,059	0,282
CHR2	10638692	CHR2:10638692	SSF x Near_LoA	-8,571	-0,015	0,279

CHR2	10638754	CHR2:10638754	SSF x Near_LoA	-8,733	0,050	0,284
CHR2	10638818	CHR2:10638818	SSF x Near_LoA	-3,275	-0,130	0,271
CHR2	10638821	CHR2:10638821	SSF x Near_LoA	-8,482	-0,071	0,282
CHR2	10638840	CHR2:10638840	SSF x Near_LoA	-8,083	-0,040	0,287
CHR2	10638844	CHR2:10638844	SSF x Near_LoA	-4,800	-0,140	0,278
CHR2	10658085	CHR2:10658085	SSF x Near_LoA	-8,666	0,025	0,282
CHR2	10658118	CHR2:10658118	SSF x Near_LoA	-7,489	0,044	0,297
CHR2	10658127	CHR2:10658127	SSF x Near_LoA	-8,096	-0,049	0,288
CHR2	10671055	CHR2:10671055	SSF x Near_LoA	-6,376	-0,172	0,287
CHR2	10683276	CHR2:10683276	SSF x Near_LoA	-7,916	-0,113	0,290
CHR2	10683482	CHR2:10683482	SSF x Near_LoA	-6,280	0,036	0,284
CHR2	10683585	CHR2:10683585	SSF x Near_LoA	-8,674	-0,050	0,285
CHR2	10705055	CHR2:10705055	SSF x Near_LoA	-8,477	-0,035	0,280
CHR2	10708458	CHR2:10708458	SSF x Near_LoA	-8,891	-0,104	0,282
CHR2	10708509	CHR2:10708509	SSF x Near_LoA	-5,847	-0,159	0,288
CHR2	10708595	CHR2:10708595	SSF x Near_LoA	-10,686	0,049	0,278
CHR2	10708691	CHR2:10708691	SSF x Near_LoA	-8,683	0,067	0,288
CHR2	10719844	CHR2:10719844	SSF x Near_LoA	-7,930	0,164	0,269
CHR2	10727868	CHR2:10727868	SSF x Near_LoA	-10,842	0,086	0,276
CHR2	10728286	CHR2:10728286	SSF x Near_LoA	-9,991	-0,043	0,290
CHR2	10756431	CHR2:10756431	SSF x Near_LoA	-8,417	-0,001	0,278
CHR2	10756483	CHR2:10756483	SSF x Near_LoA	-7,107	0,000	0,297
CHR2	10756484	CHR2:10756484	SSF x Near_LoA	-7,250	-0,057	0,293
CHR2	10756597	CHR2:10756597	SSF x Near_LoA	-8,820	-0,066	0,285
CHR2	10756712	CHR2:10756712	SSF x Near_LoA	-10,042	-0,116	0,276
CHR2	10756735	CHR2:10756735	SSF x Near_LoA	-5,593	-0,150	0,299
CHR2	10756768	CHR2:10756768	SSF x Near_LoA	-8,519	-0,082	0,294
CHR2	10756770	CHR2:10756770	SSF x Near_LoA	-8,983	0,017	0,288
CHR2	10756823	CHR2:10756823	SSF x Near_LoA	-7,022	-0,135	0,279
CHR2	1076685	CHR2:1076685	SSF x Near_LoA	-7,166	0,077	0,293
CHR2	10771503	CHR2:10771503	SSF x Near_LoA	-7,523	0,046	0,292
CHR2	10771517	CHR2:10771517	SSF x Near_LoA	-6,375	0,080	0,294
CHR2	10771527	CHR2:10771527	SSF x Near_LoA	-8,738	-0,105	0,291
CHR2	10771546	CHR2:10771546	SSF x Near_LoA	-6,374	-0,065	0,286
CHR2	10771548	CHR2:10771548	SSF x Near_LoA	-6,617	-0,064	0,285
CHR2	10771570	CHR2:10771570	SSF x Near_LoA	-7,262	-0,162	0,282
CHR2	10771572	CHR2:10771572	SSF x Near_LoA	-7,829	-0,051	0,273
CHR2	10771594	CHR2:10771594	SSF x Near_LoA	-10,466	0,006	0,288
CHR2	10771619	CHR2:10771619	SSF x Near_LoA	-9,011	0,042	0,291
CHR2	10771637	CHR2:10771637	SSF x Near_LoA	-9,014	0,017	0,283
CHR2	10776833	CHR2:10776833	SSF x Near_LoA	-9,071	-0,109	0,272
CHR2	10776963	CHR2:10776963	SSF x Near_LoA	-5,337	-0,191	0,273
CHR2	10777014	CHR2:10777014	SSF x Near_LoA	-7,680	0,039	0,283
CHR2	10777033	CHR2:10777033	SSF x Near_LoA	-3,138	0,128	0,293
CHR2	1078531	CHR2:1078531	SSF x Near_LoA	-7,670	0,072	0,281
CHR2	10785630	CHR2:10785630	SSF x Near_LoA	-7,875	0,094	0,297
CHR2	10785640	CHR2:10785640	SSF x Near_LoA	-8,071	-0,026	0,277
CHR2	10785642	CHR2:10785642	SSF x Near_LoA	-5,688	-0,026	0,273
CHR2	10786462	CHR2:10786462	SSF x Near_LoA	-8,571	-0,099	0,289
CHR2	10786501	CHR2:10786501	SSF x Near_LoA	-9,073	0,070	0,274
CHR2	1078680	CHR2:1078680	SSF x Near_LoA	-6,303	0,113	0,291
CHR2	1078683	CHR2:1078683	SSF x Near_LoA	-7,987	0,012	0,288
CHR2	1078686	CHR2:1078686	SSF x Near_LoA	-9,170	0,114	0,286

CHR2	1078718	CHR2:1078718	SSF x Near_LoA	-7,064	-0,082	0,275
CHR2	1078728	CHR2:1078728	SSF x Near_LoA	-7,470	0,016	0,298
CHR2	1078733	CHR2:1078733	SSF x Near_LoA	-7,700	0,054	0,269
CHR2	1078753	CHR2:1078753	SSF x Near_LoA	-9,834	0,057	0,265
CHR2	1078762	CHR2:1078762	SSF x Near_LoA	-3,676	0,067	0,277
CHR2	10793621	CHR2:10793621	SSF x Near_LoA	-7,360	-0,160	0,284
CHR2	10808067	CHR2:10808067	SSF x Near_LoA	-5,592	0,104	0,280
CHR2	10808169	CHR2:10808169	SSF x Near_LoA	-5,787	0,077	0,255
CHR2	10808234	CHR2:10808234	SSF x Near_LoA	-7,330	-0,075	0,298
CHR2	10811790	CHR2:10811790	SSF x Near_LoA	-6,454	0,095	0,279
CHR2	10811948	CHR2:10811948	SSF x Near_LoA	-7,593	-0,054	0,273
CHR2	10812026	CHR2:10812026	SSF x Near_LoA	-6,958	0,099	0,277
CHR2	10812048	CHR2:10812048	SSF x Near_LoA	-9,342	0,066	0,288
CHR2	10832089	CHR2:10832089	SSF x Near_LoA	-8,032	-0,029	0,292
CHR2	10832123	CHR2:10832123	SSF x Near_LoA	-6,162	-0,006	0,282
CHR2	10832191	CHR2:10832191	SSF x Near_LoA	-7,365	-0,038	0,301
CHR2	10844291	CHR2:10844291	SSF x Near_LoA	-6,838	0,070	0,269
CHR2	10844361	CHR2:10844361	SSF x Near_LoA	-8,626	0,015	0,299
CHR2	10844391	CHR2:10844391	SSF x Near_LoA	-3,924	0,258	0,263
CHR2	10844404	CHR2:10844404	SSF x Near_LoA	-9,575	0,041	0,284
CHR2	10849790	CHR2:10849790	SSF x Near_LoA	-7,043	-0,002	0,299
CHR2	10849799	CHR2:10849799	SSF x Near_LoA	-8,083	0,023	0,286
CHR2	10849940	CHR2:10849940	SSF x Near_LoA	-7,865	0,014	0,280
CHR2	1085695	CHR2:1085695	SSF x Near_LoA	-8,810	0,076	0,288
CHR2	10858983	CHR2:10858983	SSF x Near_LoA	-9,936	-0,034	0,294
CHR2	10858991	CHR2:10858991	SSF x Near_LoA	-9,459	0,097	0,305
CHR2	10859004	CHR2:10859004	SSF x Near_LoA	-6,208	-0,076	0,286
CHR2	10859033	CHR2:10859033	SSF x Near_LoA	-4,970	-0,159	0,277
CHR2	10860011	CHR2:10860011	SSF x Near_LoA	-1,522	-0,019	0,285
CHR2	10860157	CHR2:10860157	SSF x Near_LoA	-6,576	0,054	0,290
CHR2	10860164	CHR2:10860164	SSF x Near_LoA	-5,083	0,165	0,270
CHR2	10860194	CHR2:10860194	SSF x Near_LoA	-9,904	-0,024	0,290
CHR2	10860211	CHR2:10860211	SSF x Near_LoA	-1,836	-0,250	0,284
CHR2	10867016	CHR2:10867016	SSF x Near_LoA	-7,152	-0,108	0,289
CHR2	10867025	CHR2:10867025	SSF x Near_LoA	-6,413	-0,088	0,282
CHR2	10867027	CHR2:10867027	SSF x Near_LoA	-7,905	0,019	0,289
CHR2	10867141	CHR2:10867141	SSF x Near_LoA	-6,715	-0,021	0,281
CHR2	10870202	CHR2:10870202	SSF x Near_LoA	-8,665	0,032	0,274
CHR2	10870287	CHR2:10870287	SSF x Near_LoA	-7,578	0,014	0,304
CHR2	10870321	CHR2:10870321	SSF x Near_LoA	-7,047	-0,012	0,301
CHR2	10870353	CHR2:10870353	SSF x Near_LoA	-9,463	0,013	0,271
CHR2	10870373	CHR2:10870373	SSF x Near_LoA	-9,086	0,017	0,286
CHR2	10870395	CHR2:10870395	SSF x Near_LoA	-9,120	-0,096	0,277
CHR2	10870445	CHR2:10870445	SSF x Near_LoA	-8,196	-0,007	0,288
CHR2	10870482	CHR2:10870482	SSF x Near_LoA	-7,646	-0,044	0,293
CHR2	10893771	CHR2:10893771	SSF x Near_LoA	-10,945	-0,032	0,273
CHR2	10893830	CHR2:10893830	SSF x Near_LoA	-6,856	-0,048	0,283
CHR2	10924968	CHR2:10924968	SSF x Near_LoA	-3,989	-0,202	0,275
CHR2	10929252	CHR2:10929252	SSF x Near_LoA	-9,216	-0,053	0,277
CHR2	10962808	CHR2:10962808	SSF x Near_LoA	-7,942	-0,036	0,292
CHR2	10962817	CHR2:10962817	SSF x Near_LoA	-7,453	-0,003	0,286
CHR2	10962958	CHR2:10962958	SSF x Near_LoA	-8,321	0,008	0,291
CHR2	10962964	CHR2:10962964	SSF x Near_LoA	-7,413	-0,037	0,290

CHR2	10962965	CHR2:10962965	SSF x Near_LoA	-8,063	0,043	0,294
CHR2	10964670	CHR2:10964670	SSF x Near_LoA	-10,383	0,061	0,290
CHR2	10964990	CHR2:10964990	SSF x Near_LoA	-9,874	-0,045	0,275
CHR2	10968080	CHR2:10968080	SSF x Near_LoA	-6,779	0,007	0,292
CHR2	10968105	CHR2:10968105	SSF x Near_LoA	-6,748	-0,138	0,277
CHR2	10968182	CHR2:10968182	SSF x Near_LoA	-8,913	0,018	0,306
CHR2	10972478	CHR2:10972478	SSF x Near_LoA	-7,977	-0,129	0,274
CHR2	10973298	CHR2:10973298	SSF x Near_LoA	-8,021	0,122	0,280
CHR2	10973391	CHR2:10973391	SSF x Near_LoA	-7,002	-0,103	0,298
CHR2	10973505	CHR2:10973505	SSF x Near_LoA	-9,446	0,082	0,283
CHR2	1097542	CHR2:1097542	SSF x Near_LoA	-7,732	-0,074	0,291
CHR2	10988872	CHR2:10988872	SSF x Near_LoA	-7,545	0,002	0,299
CHR2	10988933	CHR2:10988933	SSF x Near_LoA	-9,202	0,028	0,272
CHR2	10989265	CHR2:10989265	SSF x Near_LoA	-9,153	0,002	0,289
CHR2	10992264	CHR2:10992264	SSF x Near_LoA	-5,894	-0,088	0,276
CHR2	10992505	CHR2:10992505	SSF x Near_LoA	-9,265	-0,012	0,294
CHR2	11002954	CHR2:11002954	SSF x Near_LoA	-8,332	-0,098	0,288
CHR2	11002959	CHR2:11002959	SSF x Near_LoA	-8,102	-0,102	0,286
CHR2	11002976	CHR2:11002976	SSF x Near_LoA	-9,900	-0,046	0,282
CHR2	11003055	CHR2:11003055	SSF x Near_LoA	-7,102	0,094	0,277
CHR2	11003139	CHR2:11003139	SSF x Near_LoA	-9,809	0,065	0,286
CHR2	11003185	CHR2:11003185	SSF x Near_LoA	-7,004	0,076	0,275
CHR2	11013007	CHR2:11013007	SSF x Near_LoA	-6,062	-0,160	0,291
CHR2	11025750	CHR2:11025750	SSF x Near_LoA	-4,457	0,231	0,284
CHR2	11026091	CHR2:11026091	SSF x Near_LoA	-2,990	-0,094	0,287
CHR2	11026103	CHR2:11026103	SSF x Near_LoA	-9,505	0,087	0,282
CHR2	11026138	CHR2:11026138	SSF x Near_LoA	-7,090	0,077	0,297
CHR2	11031224	CHR2:11031224	SSF x Near_LoA	-7,607	0,027	0,287
CHR2	11031279	CHR2:11031279	SSF x Near_LoA	-9,673	-0,002	0,297
CHR2	11031364	CHR2:11031364	SSF x Near_LoA	-9,552	0,075	0,279
CHR2	11031412	CHR2:11031412	SSF x Near_LoA	-0,834	0,261	0,277
CHR2	11031431	CHR2:11031431	SSF x Near_LoA	-5,585	0,125	0,290
CHR2	11031443	CHR2:11031443	SSF x Near_LoA	-8,167	-0,041	0,289
CHR2	11031446	CHR2:11031446	SSF x Near_LoA	5,761	0,080	0,294
CHR2	11035059	CHR2:11035059	SSF x Near_LoA	-6,949	0,119	0,270
CHR2	11035119	CHR2:11035119	SSF x Near_LoA	-8,356	0,132	0,288
CHR2	11055065	CHR2:11055065	SSF x Near_LoA	-3,710	-0,026	0,288
CHR2	11055168	CHR2:11055168	SSF x Near_LoA	-4,268	-0,224	0,290
CHR2	11055349	CHR2:11055349	SSF x Near_LoA	-9,344	-0,008	0,286
CHR2	1106091	CHR2:1106091	SSF x Near_LoA	-9,683	0,135	0,295
CHR2	1106244	CHR2:1106244	SSF x Near_LoA	-10,240	-0,043	0,289
CHR2	1106376	CHR2:1106376	SSF x Near_LoA	-10,131	0,034	0,287
CHR2	11069219	CHR2:11069219	SSF x Near_LoA	-10,142	0,053	0,271
CHR2	11074735	CHR2:11074735	SSF x Near_LoA	-5,172	-0,037	0,267
CHR2	11075059	CHR2:11075059	SSF x Near_LoA	-7,123	0,057	0,292
CHR2	11082560	CHR2:11082560	SSF x Near_LoA	-9,650	-0,025	0,292
CHR2	11097602	CHR2:11097602	SSF x Near_LoA	-8,993	0,012	0,286
CHR2	11097605	CHR2:11097605	SSF x Near_LoA	-8,719	-0,016	0,297
CHR2	11097612	CHR2:11097612	SSF x Near_LoA	-8,394	0,051	0,281
CHR2	11097734	CHR2:11097734	SSF x Near_LoA	-9,948	0,014	0,292
CHR2	11100245	CHR2:11100245	SSF x Near_LoA	-10,060	-0,062	0,277
CHR2	11100354	CHR2:11100354	SSF x Near_LoA	-7,924	-0,004	0,276
CHR2	11100410	CHR2:11100410	SSF x Near_LoA	-8,237	0,043	0,277

CHR2	11115882	CHR2:11115882	SSF x Near_LoA	-7,944	0,001	0,289
CHR2	11115942	CHR2:11115942	SSF x Near_LoA	-9,526	-0,006	0,288
CHR2	11123328	CHR2:11123328	SSF x Near_LoA	-8,234	0,002	0,297
CHR2	11123333	CHR2:11123333	SSF x Near_LoA	-8,641	0,028	0,287
CHR2	11123338	CHR2:11123338	SSF x Near_LoA	-8,830	0,050	0,281
CHR2	11123351	CHR2:11123351	SSF x Near_LoA	-7,753	-0,059	0,274
CHR2	11123950	CHR2:11123950	SSF x Near_LoA	-8,181	-0,133	0,275
CHR2	11124007	CHR2:11124007	SSF x Near_LoA	-8,519	-0,085	0,292
CHR2	11124040	CHR2:11124040	SSF x Near_LoA	-8,220	-0,052	0,279
CHR2	11124074	CHR2:11124074	SSF x Near_LoA	-6,107	0,023	0,286
CHR2	11152737	CHR2:11152737	SSF x Near_LoA	-8,395	0,095	0,270
CHR2	11152758	CHR2:11152758	SSF x Near_LoA	-8,345	0,100	0,294
CHR2	11157332	CHR2:11157332	SSF x Near_LoA	-8,569	0,011	0,290
CHR2	11157380	CHR2:11157380	SSF x Near_LoA	-3,316	-0,068	0,276
CHR2	11157474	CHR2:11157474	SSF x Near_LoA	-8,689	0,005	0,290
CHR2	11157521	CHR2:11157521	SSF x Near_LoA	5,906	-0,227	0,283
CHR2	11170576	CHR2:11170576	SSF x Near_LoA	-6,926	0,094	0,268
CHR2	11170583	CHR2:11170583	SSF x Near_LoA	-6,931	0,155	0,275
CHR2	11170638	CHR2:11170638	SSF x Near_LoA	-7,293	0,057	0,279
CHR2	11170660	CHR2:11170660	SSF x Near_LoA	-7,255	0,059	0,285
CHR2	11199809	CHR2:11199809	SSF x Near_LoA	-5,725	-0,048	0,286
CHR2	11200112	CHR2:11200112	SSF x Near_LoA	-5,184	0,039	0,292
CHR2	11200205	CHR2:11200205	SSF x Near_LoA	-5,275	0,214	0,273
CHR2	11217237	CHR2:11217237	SSF x Near_LoA	-7,169	0,071	0,285
CHR2	11217337	CHR2:11217337	SSF x Near_LoA	-7,316	0,047	0,295
CHR2	11233307	CHR2:11233307	SSF x Near_LoA	-10,156	-0,043	0,288
CHR2	11238875	CHR2:11238875	SSF x Near_LoA	-8,746	0,080	0,291
CHR2	11238912	CHR2:11238912	SSF x Near_LoA	-9,352	-0,065	0,287
CHR2	11259180	CHR2:11259180	SSF x Near_LoA	-8,916	-0,019	0,289
CHR2	11259194	CHR2:11259194	SSF x Near_LoA	-8,022	0,044	0,275
CHR2	11259211	CHR2:11259211	SSF x Near_LoA	-9,824	0,037	0,285
CHR2	11259453	CHR2:11259453	SSF x Near_LoA	-2,315	-0,265	0,254
CHR2	11259496	CHR2:11259496	SSF x Near_LoA	-3,354	-0,227	0,278
CHR2	11269646	CHR2:11269646	SSF x Near_LoA	-10,483	-0,077	0,287
CHR2	11279716	CHR2:11279716	SSF x Near_LoA	-9,688	-0,017	0,290
CHR2	11281749	CHR2:11281749	SSF x Near_LoA	-7,833	0,058	0,286
CHR2	11282018	CHR2:11282018	SSF x Near_LoA	-8,791	-0,020	0,289
CHR2	11298357	CHR2:11298357	SSF x Near_LoA	0,771	-0,186	0,271
CHR2	11320935	CHR2:11320935	SSF x Near_LoA	-6,773	-0,195	0,279
CHR2	11321087	CHR2:11321087	SSF x Near_LoA	-11,150	0,005	0,272
CHR2	11325960	CHR2:11325960	SSF x Near_LoA	-7,227	-0,012	0,293
CHR2	11325976	CHR2:11325976	SSF x Near_LoA	-7,540	-0,051	0,301
CHR2	11326129	CHR2:11326129	SSF x Near_LoA	-8,681	0,050	0,282
CHR2	11341718	CHR2:11341718	SSF x Near_LoA	-7,035	-0,011	0,297
CHR2	11341752	CHR2:11341752	SSF x Near_LoA	-8,265	0,010	0,288
CHR2	1134229	CHR2:1134229	SSF x Near_LoA	-6,715	-0,064	0,290
CHR2	1134289	CHR2:1134289	SSF x Near_LoA	-9,691	-0,033	0,281
CHR2	11353226	CHR2:11353226	SSF x Near_LoA	-7,705	0,027	0,284
CHR2	11353344	CHR2:11353344	SSF x Near_LoA	-6,569	-0,140	0,278
CHR2	11373338	CHR2:11373338	SSF x Near_LoA	-9,119	0,076	0,289
CHR2	11388537	CHR2:11388537	SSF x Near_LoA	-5,996	0,048	0,292
CHR2	11388568	CHR2:11388568	SSF x Near_LoA	-10,822	0,003	0,283
CHR2	1139923	CHR2:1139923	SSF x Near_LoA	-8,114	-0,126	0,291

CHR2	1139965	CHR2:1139965	SSF x Near_LoA	-9,210	-0,066	0,295
CHR2	1140002	CHR2:1140002	SSF x Near_LoA	-8,437	0,045	0,282
CHR2	11405436	CHR2:11405436	SSF x Near_LoA	-8,886	-0,058	0,294
CHR2	11405494	CHR2:11405494	SSF x Near_LoA	-2,587	0,142	0,288
CHR2	11414268	CHR2:11414268	SSF x Near_LoA	-9,309	0,053	0,285
CHR2	1141438	CHR2:1141438	SSF x Near_LoA	-10,490	-0,028	0,278
CHR2	11414589	CHR2:11414589	SSF x Near_LoA	-7,010	0,144	0,280
CHR2	11422883	CHR2:11422883	SSF x Near_LoA	-2,121	-0,263	0,259
CHR2	11423137	CHR2:11423137	SSF x Near_LoA	-4,413	0,228	0,279
CHR2	11427578	CHR2:11427578	SSF x Near_LoA	-5,905	0,039	0,270
CHR2	11427685	CHR2:11427685	SSF x Near_LoA	-7,724	0,059	0,273
CHR2	11452355	CHR2:11452355	SSF x Near_LoA	-7,391	-0,122	0,284
CHR2	11456774	CHR2:11456774	SSF x Near_LoA	-9,456	0,044	0,292
CHR2	11456785	CHR2:11456785	SSF x Near_LoA	-4,390	-0,217	0,277
CHR2	11456946	CHR2:11456946	SSF x Near_LoA	-9,180	-0,025	0,289
CHR2	11457046	CHR2:11457046	SSF x Near_LoA	-7,096	-0,056	0,285
CHR2	11473614	CHR2:11473614	SSF x Near_LoA	-1,096	-0,135	0,288
CHR2	11473940	CHR2:11473940	SSF x Near_LoA	-9,951	-0,019	0,276
CHR2	11473943	CHR2:11473943	SSF x Near_LoA	-8,494	-0,015	0,286
CHR2	11473952	CHR2:11473952	SSF x Near_LoA	-8,979	0,148	0,277
CHR2	11479063	CHR2:11479063	SSF x Near_LoA	-7,064	-0,073	0,287
CHR2	11479144	CHR2:11479144	SSF x Near_LoA	-6,869	-0,130	0,261
CHR2	11479316	CHR2:11479316	SSF x Near_LoA	-10,718	-0,002	0,275
CHR2	11479357	CHR2:11479357	SSF x Near_LoA	-7,979	-0,038	0,289
CHR2	11486668	CHR2:11486668	SSF x Near_LoA	-6,669	0,191	0,280
CHR2	11486937	CHR2:11486937	SSF x Near_LoA	-8,730	-0,082	0,270
CHR2	11487005	CHR2:11487005	SSF x Near_LoA	-8,613	-0,063	0,286
CHR2	11487056	CHR2:11487056	SSF x Near_LoA	-9,893	-0,048	0,292
CHR2	11487091	CHR2:11487091	SSF x Near_LoA	-7,318	0,093	0,284
CHR2	11492441	CHR2:11492441	SSF x Near_LoA	-7,651	0,158	0,275
CHR2	11492508	CHR2:11492508	SSF x Near_LoA	-8,535	-0,069	0,268
CHR2	11492600	CHR2:11492600	SSF x Near_LoA	-9,855	-0,148	0,276
CHR2	11492633	CHR2:11492633	SSF x Near_LoA	-5,860	-0,161	0,279
CHR2	1149311	CHR2:1149311	SSF x Near_LoA	-9,370	-0,065	0,284
CHR2	1149381	CHR2:1149381	SSF x Near_LoA	-8,391	0,017	0,302
CHR2	1149454	CHR2:1149454	SSF x Near_LoA	-8,812	0,019	0,295
CHR2	1149488	CHR2:1149488	SSF x Near_LoA	-3,798	0,167	0,282
CHR2	1149540	CHR2:1149540	SSF x Near_LoA	-7,671	0,099	0,286
CHR2	1149541	CHR2:1149541	SSF x Near_LoA	-8,022	-0,079	0,298
CHR2	1149562	CHR2:1149562	SSF x Near_LoA	-9,514	0,097	0,270
CHR2	11507262	CHR2:11507262	SSF x Near_LoA	-3,387	-0,147	0,278
CHR2	11507416	CHR2:11507416	SSF x Near_LoA	-6,998	-0,203	0,279
CHR2	11513673	CHR2:11513673	SSF x Near_LoA	-8,774	0,012	0,285
CHR2	11531502	CHR2:11531502	SSF x Near_LoA	-10,493	0,047	0,284
CHR2	11542588	CHR2:11542588	SSF x Near_LoA	-4,293	0,087	0,296
CHR2	11542679	CHR2:11542679	SSF x Near_LoA	-7,840	-0,003	0,284
CHR2	11542724	CHR2:11542724	SSF x Near_LoA	-9,158	0,068	0,277
CHR2	11542877	CHR2:11542877	SSF x Near_LoA	-9,387	0,002	0,285
CHR2	11542901	CHR2:11542901	SSF x Near_LoA	-7,540	-0,075	0,280
CHR2	11571494	CHR2:11571494	SSF x Near_LoA	-9,304	0,036	0,287
CHR2	11571498	CHR2:11571498	SSF x Near_LoA	-9,685	-0,036	0,276
CHR2	11571547	CHR2:11571547	SSF x Near_LoA	-8,418	0,023	0,286
CHR2	1157795	CHR2:1157795	SSF x Near_LoA	-7,365	-0,070	0,283

CHR2	11578139	CHR2:11578139	SSF x Near_LoA	-6,197	-0,150	0,269
CHR2	11578528	CHR2:11578528	SSF x Near_LoA	-8,017	0,056	0,277
CHR2	1157894	CHR2:1157894	SSF x Near_LoA	-6,127	0,159	0,288
CHR2	1157895	CHR2:1157895	SSF x Near_LoA	-0,383	0,157	0,288
CHR2	1157921	CHR2:1157921	SSF x Near_LoA	-9,457	-0,060	0,280
CHR2	1157957	CHR2:1157957	SSF x Near_LoA	-6,122	-0,118	0,290
CHR2	11602227	CHR2:11602227	SSF x Near_LoA	-8,306	-0,110	0,283
CHR2	11605759	CHR2:11605759	SSF x Near_LoA	-7,418	-0,105	0,290
CHR2	11611434	CHR2:11611434	SSF x Near_LoA	-8,951	-0,027	0,281
CHR2	11611590	CHR2:11611590	SSF x Near_LoA	-8,036	0,115	0,260
CHR2	11618025	CHR2:11618025	SSF x Near_LoA	-3,718	-0,174	0,287
CHR2	11618143	CHR2:11618143	SSF x Near_LoA	-2,681	-0,184	0,279
CHR2	11618170	CHR2:11618170	SSF x Near_LoA	-5,299	-0,170	0,287
CHR2	11630759	CHR2:11630759	SSF x Near_LoA	-10,043	0,027	0,278
CHR2	11630795	CHR2:11630795	SSF x Near_LoA	-4,556	-0,102	0,281
CHR2	11631045	CHR2:11631045	SSF x Near_LoA	-7,313	0,089	0,285
CHR2	1163279	CHR2:1163279	SSF x Near_LoA	-7,869	-0,073	0,301
CHR2	1163555	CHR2:1163555	SSF x Near_LoA	-5,005	0,174	0,289
CHR2	1163640	CHR2:1163640	SSF x Near_LoA	-8,858	0,043	0,285
CHR2	11649010	CHR2:11649010	SSF x Near_LoA	-10,339	0,050	0,285
CHR2	11649220	CHR2:11649220	SSF x Near_LoA	-7,288	-0,123	0,267
CHR2	11649429	CHR2:11649429	SSF x Near_LoA	-3,535	-0,115	0,275
CHR2	11657945	CHR2:11657945	SSF x Near_LoA	-6,084	-0,141	0,281
CHR2	1165990	CHR2:1165990	SSF x Near_LoA	-11,241	0,062	0,279
CHR2	1166125	CHR2:1166125	SSF x Near_LoA	-8,023	-0,187	0,279
CHR2	11680610	CHR2:11680610	SSF x Near_LoA	-7,308	0,016	0,300
CHR2	11680638	CHR2:11680638	SSF x Near_LoA	-0,634	-0,054	0,285
CHR2	1172922	CHR2:1172922	SSF x Near_LoA	-6,265	0,092	0,274
CHR2	1172985	CHR2:1172985	SSF x Near_LoA	-8,036	0,037	0,288
CHR2	1172990	CHR2:1172990	SSF x Near_LoA	-9,950	0,041	0,295
CHR2	1173023	CHR2:1173023	SSF x Near_LoA	-6,965	0,047	0,286
CHR2	1173028	CHR2:1173028	SSF x Near_LoA	-9,218	0,047	0,281
CHR2	11744458	CHR2:11744458	SSF x Near_LoA	-5,806	-0,002	0,281
CHR2	11744505	CHR2:11744505	SSF x Near_LoA	-7,405	-0,157	0,294
CHR2	1175163	CHR2:1175163	SSF x Near_LoA	-5,384	0,075	0,295
CHR2	1175195	CHR2:1175195	SSF x Near_LoA	-7,082	0,052	0,278
CHR2	1175249	CHR2:1175249	SSF x Near_LoA	-5,324	-0,079	0,282
CHR2	1175254	CHR2:1175254	SSF x Near_LoA	-7,984	-0,081	0,275
CHR2	1178020	CHR2:1178020	SSF x Near_LoA	-10,447	-0,033	0,285
CHR2	1178276	CHR2:1178276	SSF x Near_LoA	-10,350	0,014	0,285
CHR2	11793632	CHR2:11793632	SSF x Near_LoA	2,477	0,062	0,292
CHR2	11822156	CHR2:11822156	SSF x Near_LoA	-8,045	0,035	0,275
CHR2	11822158	CHR2:11822158	SSF x Near_LoA	-6,536	0,096	0,297
CHR2	11822188	CHR2:11822188	SSF x Near_LoA	-7,850	-0,039	0,277
CHR2	11822199	CHR2:11822199	SSF x Near_LoA	-7,614	-0,041	0,283
CHR2	11825069	CHR2:11825069	SSF x Near_LoA	-8,454	0,007	0,278
CHR2	11825101	CHR2:11825101	SSF x Near_LoA	-7,710	0,028	0,290
CHR2	11834438	CHR2:11834438	SSF x Near_LoA	-8,699	0,139	0,274
CHR2	11849745	CHR2:11849745	SSF x Near_LoA	-8,418	-0,014	0,287
CHR2	11870702	CHR2:11870702	SSF x Near_LoA	-8,651	0,152	0,276
CHR2	11870729	CHR2:11870729	SSF x Near_LoA	29,110	-0,146	0,281
CHR2	11870731	CHR2:11870731	SSF x Near_LoA	-7,731	-0,008	0,293
CHR2	11870744	CHR2:11870744	SSF x Near_LoA	-7,932	-0,142	0,278

CHR2	11870746	CHR2:11870746	SSF x Near_LoA	-5,797	-0,178	0,277
CHR2	11870767	CHR2:11870767	SSF x Near_LoA	-6,364	-0,035	0,289
CHR2	11870778	CHR2:11870778	SSF x Near_LoA	-6,289	-0,124	0,285
CHR2	11904935	CHR2:11904935	SSF x Near_LoA	-5,360	0,175	0,286
CHR2	11904979	CHR2:11904979	SSF x Near_LoA	-8,764	-0,033	0,289
CHR2	11905048	CHR2:11905048	SSF x Near_LoA	-9,698	-0,004	0,301
CHR2	11905070	CHR2:11905070	SSF x Near_LoA	-9,989	-0,005	0,292
CHR2	11905076	CHR2:11905076	SSF x Near_LoA	-10,358	0,004	0,282
CHR2	11907058	CHR2:11907058	SSF x Near_LoA	-6,929	-0,012	0,296
CHR2	11907266	CHR2:11907266	SSF x Near_LoA	-6,410	-0,192	0,281
CHR2	1191273	CHR2:1191273	SSF x Near_LoA	-7,334	-0,039	0,286
CHR2	11913239	CHR2:11913239	SSF x Near_LoA	-8,582	-0,067	0,297
CHR2	11913297	CHR2:11913297	SSF x Near_LoA	-9,584	-0,019	0,287
CHR2	1191484	CHR2:1191484	SSF x Near_LoA	-9,825	0,026	0,284
CHR2	11914931	CHR2:11914931	SSF x Near_LoA	-7,537	0,062	0,288
CHR2	11933651	CHR2:11933651	SSF x Near_LoA	-7,751	0,007	0,289
CHR2	11933694	CHR2:11933694	SSF x Near_LoA	-7,531	0,024	0,287
CHR2	11933846	CHR2:11933846	SSF x Near_LoA	-10,249	-0,015	0,277
CHR2	11933954	CHR2:11933954	SSF x Near_LoA	-8,319	-0,123	0,288
CHR2	11933998	CHR2:11933998	SSF x Near_LoA	-7,730	0,050	0,279
CHR2	11934128	CHR2:11934128	SSF x Near_LoA	-4,582	-0,189	0,281
CHR2	11947133	CHR2:11947133	SSF x Near_LoA	-8,907	-0,044	0,291
CHR2	11947140	CHR2:11947140	SSF x Near_LoA	-9,051	-0,003	0,279
CHR2	11947142	CHR2:11947142	SSF x Near_LoA	-6,363	-0,050	0,282
CHR2	11947159	CHR2:11947159	SSF x Near_LoA	-7,910	0,071	0,281
CHR2	11947348	CHR2:11947348	SSF x Near_LoA	-7,399	0,074	0,274
CHR2	11947402	CHR2:11947402	SSF x Near_LoA	-4,912	0,183	0,286
CHR2	11947431	CHR2:11947431	SSF x Near_LoA	-9,516	-0,166	0,275
CHR2	11947469	CHR2:11947469	SSF x Near_LoA	-7,374	0,062	0,297
CHR2	11947510	CHR2:11947510	SSF x Near_LoA	-6,628	-0,005	0,287
CHR2	11947517	CHR2:11947517	SSF x Near_LoA	-7,684	0,017	0,294
CHR2	11957450	CHR2:11957450	SSF x Near_LoA	-7,107	0,086	0,279
CHR2	11957635	CHR2:11957635	SSF x Near_LoA	-6,930	-0,097	0,277
CHR2	11969496	CHR2:11969496	SSF x Near_LoA	-11,122	-0,056	0,273
CHR2	11969537	CHR2:11969537	SSF x Near_LoA	-7,545	0,029	0,282
CHR2	11969737	CHR2:11969737	SSF x Near_LoA	-6,572	-0,127	0,288
CHR2	11987271	CHR2:11987271	SSF x Near_LoA	-7,459	0,064	0,299
CHR2	11987278	CHR2:11987278	SSF x Near_LoA	-5,877	0,209	0,293
CHR2	11987336	CHR2:11987336	SSF x Near_LoA	-10,269	0,054	0,290
CHR2	11987356	CHR2:11987356	SSF x Near_LoA	-8,640	0,048	0,299
CHR2	11987443	CHR2:11987443	SSF x Near_LoA	-8,513	0,110	0,285
CHR2	11987445	CHR2:11987445	SSF x Near_LoA	-7,334	-0,014	0,295
CHR2	12003721	CHR2:12003721	SSF x Near_LoA	-7,296	0,051	0,285
CHR2	12003729	CHR2:12003729	SSF x Near_LoA	-8,573	-0,159	0,289
CHR2	12003741	CHR2:12003741	SSF x Near_LoA	-10,816	-0,022	0,279
CHR2	12004002	CHR2:12004002	SSF x Near_LoA	-5,540	-0,193	0,276
CHR2	12016179	CHR2:12016179	SSF x Near_LoA	-10,768	0,041	0,273
CHR2	12016305	CHR2:12016305	SSF x Near_LoA	-7,556	0,062	0,295
CHR2	12016324	CHR2:12016324	SSF x Near_LoA	-8,305	0,044	0,297
CHR2	12016351	CHR2:12016351	SSF x Near_LoA	-6,404	0,160	0,290
CHR2	12022591	CHR2:12022591	SSF x Near_LoA	-7,179	0,013	0,292
CHR2	12022846	CHR2:12022846	SSF x Near_LoA	-6,342	-0,174	0,283
CHR2	12022884	CHR2:12022884	SSF x Near_LoA	-8,048	-0,012	0,283

CHR2	12031319	CHR2:12031319	SSF x Near_LoA	-7,628	0,026	0,282
CHR2	12034613	CHR2:12034613	SSF x Near_LoA	-10,436	0,002	0,275
CHR2	12038818	CHR2:12038818	SSF x Near_LoA	-6,463	0,197	0,276
CHR2	12056153	CHR2:12056153	SSF x Near_LoA	-7,570	-0,003	0,284
CHR2	12056273	CHR2:12056273	SSF x Near_LoA	-10,250	0,027	0,281
CHR2	12058860	CHR2:12058860	SSF x Near_LoA	-7,342	0,016	0,284
CHR2	12058862	CHR2:12058862	SSF x Near_LoA	-6,454	0,015	0,297
CHR2	12059035	CHR2:12059035	SSF x Near_LoA	-6,869	-0,031	0,300
CHR2	12059060	CHR2:12059060	SSF x Near_LoA	-8,440	0,031	0,286
CHR2	12067645	CHR2:12067645	SSF x Near_LoA	-7,718	0,106	0,298
CHR2	12070477	CHR2:12070477	SSF x Near_LoA	-9,303	0,081	0,283
CHR2	12070610	CHR2:12070610	SSF x Near_LoA	-6,458	-0,114	0,283
CHR2	12070637	CHR2:12070637	SSF x Near_LoA	-9,889	-0,045	0,273
CHR2	1207511	CHR2:1207511	SSF x Near_LoA	-9,752	0,024	0,280
CHR2	12075146	CHR2:12075146	SSF x Near_LoA	-8,772	-0,017	0,286
CHR2	12075258	CHR2:12075258	SSF x Near_LoA	-5,577	-0,170	0,293
CHR2	12075476	CHR2:12075476	SSF x Near_LoA	-9,419	0,021	0,298
CHR2	1207586	CHR2:1207586	SSF x Near_LoA	-7,587	0,136	0,279
CHR2	1207726	CHR2:1207726	SSF x Near_LoA	-9,157	0,014	0,282
CHR2	12077796	CHR2:12077796	SSF x Near_LoA	-9,346	-0,031	0,299
CHR2	12102449	CHR2:12102449	SSF x Near_LoA	-5,757	-0,144	0,290
CHR2	12129788	CHR2:12129788	SSF x Near_LoA	-8,045	-0,025	0,280
CHR2	12132149	CHR2:12132149	SSF x Near_LoA	-9,867	-0,094	0,279
CHR2	12145305	CHR2:12145305	SSF x Near_LoA	-8,123	0,100	0,279
CHR2	12159819	CHR2:12159819	SSF x Near_LoA	-8,463	0,100	0,283
CHR2	12159825	CHR2:12159825	SSF x Near_LoA	-8,411	0,121	0,283
CHR2	12159853	CHR2:12159853	SSF x Near_LoA	-6,864	-0,053	0,277
CHR2	12177330	CHR2:12177330	SSF x Near_LoA	-7,921	-0,041	0,284
CHR2	1217825	CHR2:1217825	SSF x Near_LoA	-5,277	-0,063	0,281
CHR2	1217884	CHR2:1217884	SSF x Near_LoA	-7,104	0,047	0,296
CHR2	12180022	CHR2:12180022	SSF x Near_LoA	-8,555	0,006	0,274
CHR2	12202677	CHR2:12202677	SSF x Near_LoA	-7,942	-0,047	0,276
CHR2	12202679	CHR2:12202679	SSF x Near_LoA	-7,013	0,001	0,297
CHR2	12202682	CHR2:12202682	SSF x Near_LoA	-7,289	0,082	0,281
CHR2	12202742	CHR2:12202742	SSF x Near_LoA	-4,979	-0,253	0,275
CHR2	12202756	CHR2:12202756	SSF x Near_LoA	-7,718	-0,069	0,277
CHR2	12202763	CHR2:12202763	SSF x Near_LoA	-5,356	-0,267	0,280
CHR2	12202790	CHR2:12202790	SSF x Near_LoA	-8,736	0,010	0,289
CHR2	12202800	CHR2:12202800	SSF x Near_LoA	-6,721	-0,200	0,271
CHR2	12214953	CHR2:12214953	SSF x Near_LoA	-5,175	0,238	0,257
CHR2	12215017	CHR2:12215017	SSF x Near_LoA	-6,629	-0,130	0,274
CHR2	12215043	CHR2:12215043	SSF x Near_LoA	-7,465	-0,063	0,286
CHR2	12220737	CHR2:12220737	SSF x Near_LoA	-9,045	0,018	0,283
CHR2	12220767	CHR2:12220767	SSF x Near_LoA	-7,602	0,021	0,283
CHR2	12220887	CHR2:12220887	SSF x Near_LoA	-6,785	-0,166	0,270
CHR2	12220930	CHR2:12220930	SSF x Near_LoA	-5,718	-0,147	0,266
CHR2	12226108	CHR2:12226108	SSF x Near_LoA	-10,492	0,038	0,288
CHR2	12226178	CHR2:12226178	SSF x Near_LoA	-9,261	0,106	0,269
CHR2	12232871	CHR2:12232871	SSF x Near_LoA	-8,023	-0,147	0,286
CHR2	12232890	CHR2:12232890	SSF x Near_LoA	-6,194	-0,161	0,273
CHR2	12232976	CHR2:12232976	SSF x Near_LoA	-10,040	0,028	0,284
CHR2	12233060	CHR2:12233060	SSF x Near_LoA	-7,702	-0,094	0,294
CHR2	12233287	CHR2:12233287	SSF x Near_LoA	-10,223	-0,069	0,286

CHR2	12236954	CHR2:12236954	SSF x Near_LoA	-7,487	-0,005	0,262
CHR2	12236959	CHR2:12236959	SSF x Near_LoA	-8,760	-0,002	0,277
CHR2	12236993	CHR2:12236993	SSF x Near_LoA	-8,136	0,001	0,295
CHR2	12250440	CHR2:12250440	SSF x Near_LoA	-6,352	0,133	0,284
CHR2	12258462	CHR2:12258462	SSF x Near_LoA	-7,804	0,095	0,288
CHR2	12258474	CHR2:12258474	SSF x Near_LoA	-4,327	0,119	0,290
CHR2	12258528	CHR2:12258528	SSF x Near_LoA	-7,438	-0,119	0,286
CHR2	12260091	CHR2:12260091	SSF x Near_LoA	-8,940	-0,053	0,272
CHR2	12260196	CHR2:12260196	SSF x Near_LoA	-4,393	0,130	0,289
CHR2	12265308	CHR2:12265308	SSF x Near_LoA	-8,751	0,045	0,275
CHR2	12265327	CHR2:12265327	SSF x Near_LoA	-7,903	0,005	0,303
CHR2	12265374	CHR2:12265374	SSF x Near_LoA	-5,589	0,019	0,297
CHR2	12265572	CHR2:12265572	SSF x Near_LoA	-6,889	-0,119	0,287
CHR2	12265589	CHR2:12265589	SSF x Near_LoA	-1,164	-0,202	0,284
CHR2	12290941	CHR2:12290941	SSF x Near_LoA	-8,038	0,092	0,295
CHR2	12295196	CHR2:12295196	SSF x Near_LoA	-9,085	-0,047	0,283
CHR2	12295416	CHR2:12295416	SSF x Near_LoA	-8,178	0,116	0,279
CHR2	12296894	CHR2:12296894	SSF x Near_LoA	-10,298	-0,030	0,280
CHR2	12296993	CHR2:12296993	SSF x Near_LoA	-5,968	0,095	0,283
CHR2	12299793	CHR2:12299793	SSF x Near_LoA	-9,931	-0,022	0,291
CHR2	12299845	CHR2:12299845	SSF x Near_LoA	-9,310	-0,055	0,289
CHR2	12299928	CHR2:12299928	SSF x Near_LoA	-7,781	-0,080	0,280
CHR2	12299989	CHR2:12299989	SSF x Near_LoA	-6,806	-0,090	0,287
CHR2	12299992	CHR2:12299992	SSF x Near_LoA	-7,721	0,052	0,298
CHR2	12300067	CHR2:12300067	SSF x Near_LoA	-9,687	-0,023	0,286
CHR2	12300094	CHR2:12300094	SSF x Near_LoA	-6,562	-0,196	0,278
CHR2	12300096	CHR2:12300096	SSF x Near_LoA	-9,655	0,071	0,265
CHR2	12300113	CHR2:12300113	SSF x Near_LoA	-6,461	0,147	0,271
CHR2	12300117	CHR2:12300117	SSF x Near_LoA	-6,415	-0,142	0,279
CHR2	12300118	CHR2:12300118	SSF x Near_LoA	-7,154	-0,120	0,285
CHR2	12300217	CHR2:12300217	SSF x Near_LoA	-7,586	-0,078	0,288
CHR2	1230069	CHR2:1230069	SSF x Near_LoA	-8,730	-0,149	0,263
CHR2	1230294	CHR2:1230294	SSF x Near_LoA	-8,884	0,135	0,285
CHR2	1230375	CHR2:1230375	SSF x Near_LoA	-8,445	0,025	0,294
CHR2	12309384	CHR2:12309384	SSF x Near_LoA	-9,135	0,071	0,289
CHR2	12335891	CHR2:12335891	SSF x Near_LoA	-8,518	-0,033	0,299
CHR2	12336046	CHR2:12336046	SSF x Near_LoA	-8,561	-0,075	0,279
CHR2	12337452	CHR2:12337452	SSF x Near_LoA	-7,490	-0,038	0,293
CHR2	12337588	CHR2:12337588	SSF x Near_LoA	-7,213	-0,037	0,282
CHR2	12337614	CHR2:12337614	SSF x Near_LoA	-7,255	-0,071	0,298
CHR2	12345993	CHR2:12345993	SSF x Near_LoA	1,351	-0,215	0,258
CHR2	12346000	CHR2:12346000	SSF x Near_LoA	-2,663	-0,176	0,268
CHR2	12346025	CHR2:12346025	SSF x Near_LoA	-6,971	-0,046	0,270
CHR2	12346100	CHR2:12346100	SSF x Near_LoA	-1,709	-0,078	0,303
CHR2	12346246	CHR2:12346246	SSF x Near_LoA	-8,472	0,177	0,269
CHR2	12349633	CHR2:12349633	SSF x Near_LoA	-5,932	0,089	0,266
CHR2	12367202	CHR2:12367202	SSF x Near_LoA	-5,729	-0,180	0,272
CHR2	12367203	CHR2:12367203	SSF x Near_LoA	2,504	-0,079	0,297
CHR2	12367274	CHR2:12367274	SSF x Near_LoA	-9,318	0,055	0,288
CHR2	12373734	CHR2:12373734	SSF x Near_LoA	-8,196	0,150	0,285
CHR2	12378165	CHR2:12378165	SSF x Near_LoA	-6,262	0,021	0,281
CHR2	12380729	CHR2:12380729	SSF x Near_LoA	-8,259	-0,016	0,285
CHR2	12381017	CHR2:12381017	SSF x Near_LoA	-9,408	-0,044	0,292

CHR2	1238358	CHR2:1238358	SSF x Near_LoA	-8,906	-0,016	0,281
CHR2	1238363	CHR2:1238363	SSF x Near_LoA	-5,867	-0,163	0,274
CHR2	1238453	CHR2:1238453	SSF x Near_LoA	-8,289	0,108	0,292
CHR2	1238551	CHR2:1238551	SSF x Near_LoA	-8,822	0,025	0,300
CHR2	1238554	CHR2:1238554	SSF x Near_LoA	-5,885	-0,117	0,268
CHR2	12390850	CHR2:12390850	SSF x Near_LoA	-9,660	0,025	0,285
CHR2	12390856	CHR2:12390856	SSF x Near_LoA	-1,962	0,261	0,278
CHR2	12391055	CHR2:12391055	SSF x Near_LoA	-4,462	-0,124	0,289
CHR2	12402449	CHR2:12402449	SSF x Near_LoA	-6,185	-0,052	0,293
CHR2	12402589	CHR2:12402589	SSF x Near_LoA	-6,853	0,137	0,271
CHR2	12402606	CHR2:12402606	SSF x Near_LoA	-7,004	-0,068	0,281
CHR2	12459801	CHR2:12459801	SSF x Near_LoA	-8,463	0,106	0,279
CHR2	12507734	CHR2:12507734	SSF x Near_LoA	-7,287	0,083	0,295
CHR2	12507735	CHR2:12507735	SSF x Near_LoA	-7,433	0,107	0,306
CHR2	12507761	CHR2:12507761	SSF x Near_LoA	-3,942	-0,199	0,270
CHR2	12533935	CHR2:12533935	SSF x Near_LoA	-8,756	-0,058	0,292
CHR2	12534024	CHR2:12534024	SSF x Near_LoA	-8,047	-0,009	0,305
CHR2	12534049	CHR2:12534049	SSF x Near_LoA	-4,772	0,104	0,290
CHR2	12565269	CHR2:12565269	SSF x Near_LoA	-8,383	0,044	0,271
CHR2	12565376	CHR2:12565376	SSF x Near_LoA	-5,927	0,169	0,285
CHR2	12575312	CHR2:12575312	SSF x Near_LoA	-9,440	-0,023	0,278
CHR2	12590241	CHR2:12590241	SSF x Near_LoA	-7,403	-0,007	0,298
CHR2	12590339	CHR2:12590339	SSF x Near_LoA	-9,197	0,165	0,293
CHR2	12590341	CHR2:12590341	SSF x Near_LoA	0,800	-0,039	0,293
CHR2	12597681	CHR2:12597681	SSF x Near_LoA	-8,716	0,075	0,289
CHR2	12597829	CHR2:12597829	SSF x Near_LoA	-4,481	0,164	0,269
CHR2	12598557	CHR2:12598557	SSF x Near_LoA	-7,635	0,191	0,267
CHR2	12598560	CHR2:12598560	SSF x Near_LoA	-8,173	-0,166	0,292
CHR2	12598567	CHR2:12598567	SSF x Near_LoA	-7,242	-0,105	0,300
CHR2	12598600	CHR2:12598600	SSF x Near_LoA	-7,058	-0,139	0,268
CHR2	12598626	CHR2:12598626	SSF x Near_LoA	-8,724	0,054	0,281
CHR2	12608993	CHR2:12608993	SSF x Near_LoA	-9,974	-0,010	0,272
CHR2	12609062	CHR2:12609062	SSF x Near_LoA	-5,112	-0,090	0,268
CHR2	12609099	CHR2:12609099	SSF x Near_LoA	-7,243	-0,072	0,292
CHR2	12609105	CHR2:12609105	SSF x Near_LoA	-8,535	-0,143	0,286
CHR2	12609148	CHR2:12609148	SSF x Near_LoA	-7,174	-0,073	0,292
CHR2	12635583	CHR2:12635583	SSF x Near_LoA	-7,413	0,015	0,289
CHR2	12641457	CHR2:12641457	SSF x Near_LoA	-10,464	-0,095	0,282
CHR2	12641520	CHR2:12641520	SSF x Near_LoA	-10,238	-0,131	0,286
CHR2	12642015	CHR2:12642015	SSF x Near_LoA	-8,201	0,030	0,293
CHR2	12642050	CHR2:12642050	SSF x Near_LoA	-6,012	-0,061	0,276
CHR2	12642154	CHR2:12642154	SSF x Near_LoA	-6,268	-0,066	0,290
CHR2	1264767	CHR2:1264767	SSF x Near_LoA	-8,775	0,064	0,293
CHR2	12656233	CHR2:12656233	SSF x Near_LoA	-7,311	0,095	0,280
CHR2	12656242	CHR2:12656242	SSF x Near_LoA	-5,962	0,030	0,284
CHR2	12656255	CHR2:12656255	SSF x Near_LoA	-8,254	0,101	0,287
CHR2	12656262	CHR2:12656262	SSF x Near_LoA	-7,903	-0,060	0,278
CHR2	12656287	CHR2:12656287	SSF x Near_LoA	-5,512	-0,067	0,285
CHR2	12656307	CHR2:12656307	SSF x Near_LoA	-8,648	-0,054	0,300
CHR2	12656328	CHR2:12656328	SSF x Near_LoA	-9,317	-0,002	0,290
CHR2	12656329	CHR2:12656329	SSF x Near_LoA	-9,242	0,126	0,286
CHR2	12656337	CHR2:12656337	SSF x Near_LoA	-7,506	-0,087	0,293
CHR2	12661606	CHR2:12661606	SSF x Near_LoA	-9,888	-0,013	0,274

CHR2	12661654	CHR2:12661654	SSF x Near_LoA	-8,768	-0,125	0,289
CHR2	12661793	CHR2:12661793	SSF x Near_LoA	-7,695	-0,021	0,294
CHR2	12705992	CHR2:12705992	SSF x Near_LoA	-7,504	-0,025	0,296
CHR2	12706021	CHR2:12706021	SSF x Near_LoA	-7,689	0,066	0,281
CHR2	12706272	CHR2:12706272	SSF x Near_LoA	-4,516	-0,173	0,283
CHR2	12706387	CHR2:12706387	SSF x Near_LoA	-9,164	0,030	0,299
CHR2	12706405	CHR2:12706405	SSF x Near_LoA	-7,293	0,013	0,293
CHR2	12706421	CHR2:12706421	SSF x Near_LoA	-7,684	0,038	0,290
CHR2	12731600	CHR2:12731600	SSF x Near_LoA	-5,885	-0,013	0,284
CHR2	12736663	CHR2:12736663	SSF x Near_LoA	-4,042	0,072	0,296
CHR2	12736719	CHR2:12736719	SSF x Near_LoA	-8,668	0,131	0,279
CHR2	12737059	CHR2:12737059	SSF x Near_LoA	-10,186	-0,079	0,286
CHR2	12737067	CHR2:12737067	SSF x Near_LoA	-5,632	-0,049	0,296
CHR2	12799236	CHR2:12799236	SSF x Near_LoA	-9,750	-0,057	0,285
CHR2	12799311	CHR2:12799311	SSF x Near_LoA	-8,084	0,005	0,278
CHR2	12799329	CHR2:12799329	SSF x Near_LoA	-8,226	-0,119	0,273
CHR2	12799379	CHR2:12799379	SSF x Near_LoA	-7,949	-0,030	0,275
CHR2	12799486	CHR2:12799486	SSF x Near_LoA	-7,689	-0,053	0,277
CHR2	12801111	CHR2:12801111	SSF x Near_LoA	-8,960	0,056	0,299
CHR2	12809132	CHR2:12809132	SSF x Near_LoA	-7,259	-0,017	0,290
CHR2	12809136	CHR2:12809136	SSF x Near_LoA	-7,397	-0,024	0,293
CHR2	12809243	CHR2:12809243	SSF x Near_LoA	-6,862	0,054	0,266
CHR2	12812536	CHR2:12812536	SSF x Near_LoA	12,644	0,210	0,272
CHR2	12812598	CHR2:12812598	SSF x Near_LoA	0,244	0,142	0,286
CHR2	12812599	CHR2:12812599	SSF x Near_LoA	-4,493	0,134	0,273
CHR2	12812600	CHR2:12812600	SSF x Near_LoA	-6,163	0,140	0,272
CHR2	12812687	CHR2:12812687	SSF x Near_LoA	0,822	-0,233	0,280
CHR2	12812697	CHR2:12812697	SSF x Near_LoA	-7,181	-0,134	0,284
CHR2	12814233	CHR2:12814233	SSF x Near_LoA	-10,203	-0,038	0,286
CHR2	12814317	CHR2:12814317	SSF x Near_LoA	-7,803	-0,105	0,288
CHR2	12814339	CHR2:12814339	SSF x Near_LoA	-5,201	-0,048	0,290
CHR2	12819278	CHR2:12819278	SSF x Near_LoA	-8,590	-0,097	0,282
CHR2	12819342	CHR2:12819342	SSF x Near_LoA	-7,076	0,114	0,301
CHR2	12848549	CHR2:12848549	SSF x Near_LoA	-8,950	0,053	0,302
CHR2	12851771	CHR2:12851771	SSF x Near_LoA	-7,912	0,142	0,276
CHR2	12852003	CHR2:12852003	SSF x Near_LoA	-8,994	-0,052	0,287
CHR2	12865310	CHR2:12865310	SSF x Near_LoA	-8,856	0,053	0,279
CHR2	12865418	CHR2:12865418	SSF x Near_LoA	-8,112	0,050	0,298
CHR2	12865448	CHR2:12865448	SSF x Near_LoA	-9,310	-0,084	0,286
CHR2	12865454	CHR2:12865454	SSF x Near_LoA	-8,012	-0,085	0,300
CHR2	12867700	CHR2:12867700	SSF x Near_LoA	-6,663	-0,024	0,274
CHR2	12872637	CHR2:12872637	SSF x Near_LoA	-8,656	0,017	0,298
CHR2	12872664	CHR2:12872664	SSF x Near_LoA	-7,971	0,138	0,293
CHR2	12872848	CHR2:12872848	SSF x Near_LoA	-8,427	-0,077	0,294
CHR2	12875075	CHR2:12875075	SSF x Near_LoA	-9,506	0,018	0,296
CHR2	12876532	CHR2:12876532	SSF x Near_LoA	-8,240	0,007	0,305
CHR2	12876604	CHR2:12876604	SSF x Near_LoA	-6,619	-0,038	0,303
CHR2	12925598	CHR2:12925598	SSF x Near_LoA	-5,185	-0,094	0,296
CHR2	12925610	CHR2:12925610	SSF x Near_LoA	-3,045	0,192	0,287
CHR2	12925646	CHR2:12925646	SSF x Near_LoA	-5,716	0,184	0,267
CHR2	12925647	CHR2:12925647	SSF x Near_LoA	-5,399	0,180	0,259
CHR2	12925725	CHR2:12925725	SSF x Near_LoA	-6,304	-0,126	0,261
CHR2	12925733	CHR2:12925733	SSF x Near_LoA	-2,390	0,248	0,249

CHR2	12925747	CHR2:12925747	SSF x Near_LoA	-8,353	0,033	0,269
CHR2	12925976	CHR2:12925976	SSF x Near_LoA	-6,800	-0,130	0,276
CHR2	12942973	CHR2:12942973	SSF x Near_LoA	-7,980	0,020	0,281
CHR2	12943002	CHR2:12943002	SSF x Near_LoA	-8,694	0,010	0,296
CHR2	12943134	CHR2:12943134	SSF x Near_LoA	-8,861	-0,057	0,288
CHR2	12943288	CHR2:12943288	SSF x Near_LoA	-9,010	-0,023	0,274
CHR2	12946927	CHR2:12946927	SSF x Near_LoA	-6,610	0,097	0,276
CHR2	1295140	CHR2:1295140	SSF x Near_LoA	-7,750	0,022	0,292
CHR2	1295173	CHR2:1295173	SSF x Near_LoA	-8,988	-0,055	0,298
CHR2	1295327	CHR2:1295327	SSF x Near_LoA	-8,018	-0,007	0,290
CHR2	12953689	CHR2:12953689	SSF x Near_LoA	-8,862	-0,006	0,280
CHR2	12953935	CHR2:12953935	SSF x Near_LoA	-8,864	0,019	0,288
CHR2	1295475	CHR2:1295475	SSF x Near_LoA	-4,834	-0,202	0,272
CHR2	12985265	CHR2:12985265	SSF x Near_LoA	-10,751	0,066	0,281
CHR2	1300263	CHR2:1300263	SSF x Near_LoA	-9,059	0,019	0,284
CHR2	1300341	CHR2:1300341	SSF x Near_LoA	-6,713	-0,075	0,300
CHR2	1300360	CHR2:1300360	SSF x Near_LoA	-8,106	0,043	0,300
CHR2	1300385	CHR2:1300385	SSF x Near_LoA	-8,211	0,005	0,290
CHR2	1300386	CHR2:1300386	SSF x Near_LoA	-7,575	0,008	0,294
CHR2	1300489	CHR2:1300489	SSF x Near_LoA	-5,048	-0,145	0,275
CHR2	1300536	CHR2:1300536	SSF x Near_LoA	-9,648	0,012	0,285
CHR2	13011303	CHR2:13011303	SSF x Near_LoA	-4,927	0,147	0,277
CHR2	13016993	CHR2:13016993	SSF x Near_LoA	-6,637	0,035	0,289
CHR2	13020806	CHR2:13020806	SSF x Near_LoA	-8,992	0,003	0,292
CHR2	13021733	CHR2:13021733	SSF x Near_LoA	-6,817	-0,186	0,282
CHR2	13050274	CHR2:13050274	SSF x Near_LoA	-6,762	0,025	0,296
CHR2	13050316	CHR2:13050316	SSF x Near_LoA	-7,872	-0,010	0,279
CHR2	13050346	CHR2:13050346	SSF x Near_LoA	-7,882	-0,027	0,295
CHR2	13052637	CHR2:13052637	SSF x Near_LoA	-8,104	-0,009	0,288
CHR2	13052661	CHR2:13052661	SSF x Near_LoA	-7,723	-0,049	0,282
CHR2	13058969	CHR2:13058969	SSF x Near_LoA	-8,470	-0,050	0,281
CHR2	13059119	CHR2:13059119	SSF x Near_LoA	-8,065	0,105	0,290
CHR2	13059141	CHR2:13059141	SSF x Near_LoA	-9,837	0,027	0,289
CHR2	1307598	CHR2:1307598	SSF x Near_LoA	-7,913	-0,083	0,282
CHR2	1307666	CHR2:1307666	SSF x Near_LoA	-5,428	0,133	0,285
CHR2	13088307	CHR2:13088307	SSF x Near_LoA	-10,081	0,014	0,288
CHR2	13089951	CHR2:13089951	SSF x Near_LoA	-6,509	0,182	0,281
CHR2	13091140	CHR2:13091140	SSF x Near_LoA	1,067	0,137	0,279
CHR2	13091325	CHR2:13091325	SSF x Near_LoA	-8,451	-0,085	0,304
CHR2	13098780	CHR2:13098780	SSF x Near_LoA	-9,828	0,127	0,263
CHR2	13098844	CHR2:13098844	SSF x Near_LoA	-10,263	-0,031	0,303
CHR2	13098871	CHR2:13098871	SSF x Near_LoA	-8,153	0,061	0,297
CHR2	13112571	CHR2:13112571	SSF x Near_LoA	-10,125	-0,034	0,285
CHR2	13118257	CHR2:13118257	SSF x Near_LoA	-9,032	-0,115	0,296
CHR2	1311897	CHR2:1311897	SSF x Near_LoA	-9,071	0,021	0,289
CHR2	1311901	CHR2:1311901	SSF x Near_LoA	-8,937	-0,006	0,288
CHR2	1311914	CHR2:1311914	SSF x Near_LoA	-8,185	0,013	0,307
CHR2	1311916	CHR2:1311916	SSF x Near_LoA	-7,025	-0,083	0,282
CHR2	1311917	CHR2:1311917	SSF x Near_LoA	-9,122	-0,002	0,282
CHR2	1311918	CHR2:1311918	SSF x Near_LoA	-8,899	-0,006	0,283
CHR2	1311944	CHR2:1311944	SSF x Near_LoA	-8,934	-0,013	0,288
CHR2	1311946	CHR2:1311946	SSF x Near_LoA	4,632	0,141	0,282
CHR2	1311947	CHR2:1311947	SSF x Near_LoA	-6,659	0,016	0,293

CHR2	13119829	CHR2:13119829	SSF x Near_LoA	-10,045	-0,068	0,282
CHR2	13120066	CHR2:13120066	SSF x Near_LoA	-7,998	-0,131	0,287
CHR2	1312009	CHR2:1312009	SSF x Near_LoA	-4,678	0,090	0,264
CHR2	1312011	CHR2:1312011	SSF x Near_LoA	-5,911	-0,050	0,289
CHR2	1312018	CHR2:1312018	SSF x Near_LoA	-6,345	0,176	0,291
CHR2	13121555	CHR2:13121555	SSF x Near_LoA	-7,581	-0,039	0,278
CHR2	13123344	CHR2:13123344	SSF x Near_LoA	-2,429	0,153	0,288
CHR2	13133703	CHR2:13133703	SSF x Near_LoA	-8,873	-0,001	0,283
CHR2	13133762	CHR2:13133762	SSF x Near_LoA	-11,523	0,054	0,267
CHR2	13140428	CHR2:13140428	SSF x Near_LoA	-9,510	0,056	0,284
CHR2	13147536	CHR2:13147536	SSF x Near_LoA	-3,772	0,173	0,280
CHR2	13174235	CHR2:13174235	SSF x Near_LoA	-8,311	0,126	0,283
CHR2	13174240	CHR2:13174240	SSF x Near_LoA	-8,490	0,125	0,286
CHR2	13174288	CHR2:13174288	SSF x Near_LoA	-8,362	0,065	0,272
CHR2	13175399	CHR2:13175399	SSF x Near_LoA	-5,274	-0,051	0,289
CHR2	13184924	CHR2:13184924	SSF x Near_LoA	-6,734	-0,072	0,277
CHR2	13184925	CHR2:13184925	SSF x Near_LoA	-8,844	0,110	0,274
CHR2	13185039	CHR2:13185039	SSF x Near_LoA	-7,871	0,029	0,284
CHR2	13191018	CHR2:13191018	SSF x Near_LoA	-7,175	0,237	0,263
CHR2	13191059	CHR2:13191059	SSF x Near_LoA	-10,868	0,037	0,290
CHR2	13191159	CHR2:13191159	SSF x Near_LoA	-7,984	0,035	0,284
CHR2	13203349	CHR2:13203349	SSF x Near_LoA	-3,499	0,013	0,301
CHR2	13203437	CHR2:13203437	SSF x Near_LoA	-7,986	-0,119	0,292
CHR2	13203488	CHR2:13203488	SSF x Near_LoA	-7,902	-0,052	0,294
CHR2	1320757	CHR2:1320757	SSF x Near_LoA	-9,306	-0,135	0,272
CHR2	13219224	CHR2:13219224	SSF x Near_LoA	-7,867	-0,038	0,295
CHR2	13219260	CHR2:13219260	SSF x Near_LoA	-9,744	0,039	0,291
CHR2	13222521	CHR2:13222521	SSF x Near_LoA	-8,262	-0,032	0,291
CHR2	13222656	CHR2:13222656	SSF x Near_LoA	-7,814	0,102	0,286
CHR2	13238589	CHR2:13238589	SSF x Near_LoA	-6,896	-0,092	0,286
CHR2	13238615	CHR2:13238615	SSF x Near_LoA	-2,116	0,270	0,270
CHR2	13238719	CHR2:13238719	SSF x Near_LoA	-7,260	-0,117	0,287
CHR2	13238791	CHR2:13238791	SSF x Near_LoA	-9,353	-0,002	0,276
CHR2	13285105	CHR2:13285105	SSF x Near_LoA	-8,512	-0,095	0,296
CHR2	13285131	CHR2:13285131	SSF x Near_LoA	-6,347	-0,076	0,280
CHR2	1328792	CHR2:1328792	SSF x Near_LoA	-7,782	0,169	0,289
CHR2	1328870	CHR2:1328870	SSF x Near_LoA	-5,809	0,064	0,287
CHR2	1328895	CHR2:1328895	SSF x Near_LoA	-9,985	0,133	0,284
CHR2	1329022	CHR2:1329022	SSF x Near_LoA	-5,180	-0,135	0,284
CHR2	13297638	CHR2:13297638	SSF x Near_LoA	-7,570	0,052	0,290
CHR2	13297727	CHR2:13297727	SSF x Near_LoA	-3,257	-0,176	0,291
CHR2	13298658	CHR2:13298658	SSF x Near_LoA	-5,769	0,243	0,269
CHR2	13300968	CHR2:13300968	SSF x Near_LoA	-7,244	-0,122	0,273
CHR2	1330720	CHR2:1330720	SSF x Near_LoA	-6,362	-0,157	0,281
CHR2	1330774	CHR2:1330774	SSF x Near_LoA	-9,817	0,040	0,283
CHR2	1330903	CHR2:1330903	SSF x Near_LoA	-9,124	0,077	0,291
CHR2	1330913	CHR2:1330913	SSF x Near_LoA	-7,388	-0,072	0,282
CHR2	13311681	CHR2:13311681	SSF x Near_LoA	-7,787	-0,050	0,301
CHR2	13332852	CHR2:13332852	SSF x Near_LoA	-7,386	-0,086	0,283
CHR2	13333187	CHR2:13333187	SSF x Near_LoA	-7,768	-0,054	0,281
CHR2	13344809	CHR2:13344809	SSF x Near_LoA	-8,216	-0,057	0,289
CHR2	13344820	CHR2:13344820	SSF x Near_LoA	-8,589	0,114	0,291
CHR2	13345084	CHR2:13345084	SSF x Near_LoA	-8,858	0,021	0,295

CHR2	13351806	CHR2:13351806	SSF x Near_LoA	-4,128	-0,049	0,296
CHR2	13359510	CHR2:13359510	SSF x Near_LoA	-4,292	0,020	0,286
CHR2	13359533	CHR2:13359533	SSF x Near_LoA	-9,578	0,077	0,281
CHR2	13359549	CHR2:13359549	SSF x Near_LoA	-4,734	0,111	0,287
CHR2	13359595	CHR2:13359595	SSF x Near_LoA	-9,165	0,087	0,291
CHR2	13360680	CHR2:13360680	SSF x Near_LoA	-5,714	0,053	0,303
CHR2	13360834	CHR2:13360834	SSF x Near_LoA	-7,357	-0,050	0,290
CHR2	13360868	CHR2:13360868	SSF x Near_LoA	-7,019	-0,088	0,289
CHR2	13373891	CHR2:13373891	SSF x Near_LoA	-9,895	-0,062	0,280
CHR2	13374129	CHR2:13374129	SSF x Near_LoA	-6,134	0,002	0,293
CHR2	13386245	CHR2:13386245	SSF x Near_LoA	-9,153	0,036	0,287
CHR2	13398800	CHR2:13398800	SSF x Near_LoA	-7,489	0,076	0,281
CHR2	13398882	CHR2:13398882	SSF x Near_LoA	-7,433	0,037	0,285
CHR2	13399029	CHR2:13399029	SSF x Near_LoA	-10,762	0,027	0,297
CHR2	13399042	CHR2:13399042	SSF x Near_LoA	-9,624	0,015	0,291
CHR2	13399114	CHR2:13399114	SSF x Near_LoA	-6,649	-0,104	0,291
CHR2	13418479	CHR2:13418479	SSF x Near_LoA	-9,680	-0,104	0,287
CHR2	13431660	CHR2:13431660	SSF x Near_LoA	-7,263	0,067	0,291
CHR2	13434049	CHR2:13434049	SSF x Near_LoA	-7,706	-0,013	0,283
CHR2	13452871	CHR2:13452871	SSF x Near_LoA	-8,284	0,138	0,282
CHR2	13452975	CHR2:13452975	SSF x Near_LoA	-9,980	-0,052	0,294
CHR2	13453038	CHR2:13453038	SSF x Near_LoA	-10,101	0,015	0,300
CHR2	13453080	CHR2:13453080	SSF x Near_LoA	-7,066	-0,100	0,289
CHR2	13453779	CHR2:13453779	SSF x Near_LoA	-7,195	-0,033	0,298
CHR2	13453991	CHR2:13453991	SSF x Near_LoA	-2,233	-0,075	0,310
CHR2	13453994	CHR2:13453994	SSF x Near_LoA	-8,739	-0,060	0,284
CHR2	13454007	CHR2:13454007	SSF x Near_LoA	-8,204	0,056	0,280
CHR2	13454054	CHR2:13454054	SSF x Near_LoA	14,576	-0,115	0,286
CHR2	13463417	CHR2:13463417	SSF x Near_LoA	-7,195	0,008	0,288
CHR2	13464364	CHR2:13464364	SSF x Near_LoA	0,328	0,258	0,269
CHR2	13464411	CHR2:13464411	SSF x Near_LoA	-7,792	-0,071	0,289
CHR2	13464511	CHR2:13464511	SSF x Near_LoA	-0,740	0,253	0,265
CHR2	13464585	CHR2:13464585	SSF x Near_LoA	-0,449	0,283	0,256
CHR2	13464680	CHR2:13464680	SSF x Near_LoA	-8,999	-0,011	0,285
CHR2	13473545	CHR2:13473545	SSF x Near_LoA	-8,013	-0,086	0,273
CHR2	13473562	CHR2:13473562	SSF x Near_LoA	-6,261	-0,151	0,279
CHR2	13473639	CHR2:13473639	SSF x Near_LoA	-9,109	-0,072	0,296
CHR2	13473695	CHR2:13473695	SSF x Near_LoA	-7,060	-0,073	0,286
CHR2	13473969	CHR2:13473969	SSF x Near_LoA	-10,872	-0,015	0,282
CHR2	13484353	CHR2:13484353	SSF x Near_LoA	-1,984	0,140	0,271
CHR2	13548039	CHR2:13548039	SSF x Near_LoA	-9,625	-0,033	0,287
CHR2	13548125	CHR2:13548125	SSF x Near_LoA	-7,813	-0,036	0,288
CHR2	13548130	CHR2:13548130	SSF x Near_LoA	-8,262	-0,033	0,284
CHR2	13548142	CHR2:13548142	SSF x Near_LoA	-9,459	-0,043	0,274
CHR2	13548207	CHR2:13548207	SSF x Near_LoA	-10,166	-0,041	0,281
CHR2	13548214	CHR2:13548214	SSF x Near_LoA	-7,412	-0,054	0,289
CHR2	13551121	CHR2:13551121	SSF x Near_LoA	-7,876	-0,111	0,284
CHR2	13551187	CHR2:13551187	SSF x Near_LoA	-6,277	0,132	0,286
CHR2	13551247	CHR2:13551247	SSF x Near_LoA	-6,587	0,062	0,277
CHR2	13568114	CHR2:13568114	SSF x Near_LoA	-6,495	0,134	0,276
CHR2	13576488	CHR2:13576488	SSF x Near_LoA	-8,901	-0,085	0,282
CHR2	13576551	CHR2:13576551	SSF x Near_LoA	-10,127	0,105	0,283
CHR2	13577777	CHR2:13577777	SSF x Near_LoA	-8,476	-0,130	0,281

CHR2	13577992	CHR2:13577992	SSF x Near_LoA	-8,960	-0,056	0,276
CHR2	1359276	CHR2:1359276	SSF x Near_LoA	-0,637	-0,253	0,278
CHR2	1359335	CHR2:1359335	SSF x Near_LoA	-7,438	-0,014	0,276
CHR2	13607012	CHR2:13607012	SSF x Near_LoA	-9,680	-0,030	0,278
CHR2	13607342	CHR2:13607342	SSF x Near_LoA	-9,013	0,136	0,290
CHR2	13607461	CHR2:13607461	SSF x Near_LoA	-10,375	-0,026	0,286
CHR2	13607462	CHR2:13607462	SSF x Near_LoA	-10,031	0,051	0,302
CHR2	13607464	CHR2:13607464	SSF x Near_LoA	-7,609	-0,025	0,305
CHR2	13607469	CHR2:13607469	SSF x Near_LoA	-7,551	0,058	0,297
CHR2	13613706	CHR2:13613706	SSF x Near_LoA	-9,090	0,064	0,282
CHR2	13613733	CHR2:13613733	SSF x Near_LoA	-8,012	0,018	0,288
CHR2	13615297	CHR2:13615297	SSF x Near_LoA	-6,389	0,047	0,290
CHR2	13615334	CHR2:13615334	SSF x Near_LoA	-9,284	0,068	0,283
CHR2	13615340	CHR2:13615340	SSF x Near_LoA	-8,063	0,046	0,285
CHR2	13615409	CHR2:13615409	SSF x Near_LoA	-7,947	0,132	0,286
CHR2	13632796	CHR2:13632796	SSF x Near_LoA	-9,685	-0,028	0,294
CHR2	13657109	CHR2:13657109	SSF x Near_LoA	-9,433	0,057	0,292
CHR2	13657126	CHR2:13657126	SSF x Near_LoA	-10,061	0,098	0,270
CHR2	13657148	CHR2:13657148	SSF x Near_LoA	-6,940	0,030	0,299
CHR2	13657342	CHR2:13657342	SSF x Near_LoA	-7,363	-0,146	0,284
CHR2	13665205	CHR2:13665205	SSF x Near_LoA	-10,143	-0,014	0,294
CHR2	13665221	CHR2:13665221	SSF x Near_LoA	-7,863	-0,058	0,274
CHR2	13673911	CHR2:13673911	SSF x Near_LoA	-10,029	0,133	0,268
CHR2	13678442	CHR2:13678442	SSF x Near_LoA	-8,223	0,117	0,288
CHR2	13678468	CHR2:13678468	SSF x Near_LoA	-9,208	-0,097	0,289
CHR2	13678503	CHR2:13678503	SSF x Near_LoA	-2,769	-0,223	0,276
CHR2	13678515	CHR2:13678515	SSF x Near_LoA	-10,214	-0,015	0,283
CHR2	13678661	CHR2:13678661	SSF x Near_LoA	-7,880	0,160	0,281
CHR2	13678767	CHR2:13678767	SSF x Near_LoA	-5,670	0,158	0,274
CHR2	13678775	CHR2:13678775	SSF x Near_LoA	-1,672	-0,247	0,273
CHR2	13678827	CHR2:13678827	SSF x Near_LoA	-5,722	-0,081	0,285
CHR2	13678847	CHR2:13678847	SSF x Near_LoA	-8,779	-0,030	0,288
CHR2	13702065	CHR2:13702065	SSF x Near_LoA	-8,472	-0,033	0,280
CHR2	13702116	CHR2:13702116	SSF x Near_LoA	-4,295	-0,218	0,274
CHR2	13702138	CHR2:13702138	SSF x Near_LoA	-6,362	0,208	0,272
CHR2	13703989	CHR2:13703989	SSF x Near_LoA	-7,981	0,004	0,279
CHR2	13707441	CHR2:13707441	SSF x Near_LoA	-4,110	0,278	0,259
CHR2	13707462	CHR2:13707462	SSF x Near_LoA	-8,963	-0,038	0,290
CHR2	13707537	CHR2:13707537	SSF x Near_LoA	-2,154	-0,213	0,282
CHR2	13707572	CHR2:13707572	SSF x Near_LoA	-9,750	-0,081	0,275
CHR2	13707597	CHR2:13707597	SSF x Near_LoA	-7,693	0,028	0,290
CHR2	13707607	CHR2:13707607	SSF x Near_LoA	-6,040	-0,133	0,288
CHR2	13717237	CHR2:13717237	SSF x Near_LoA	-2,168	0,080	0,289
CHR2	13717250	CHR2:13717250	SSF x Near_LoA	-10,343	0,054	0,284
CHR2	13717252	CHR2:13717252	SSF x Near_LoA	-5,836	0,117	0,288
CHR2	13717271	CHR2:13717271	SSF x Near_LoA	-9,698	-0,068	0,288
CHR2	13723640	CHR2:13723640	SSF x Near_LoA	-9,827	-0,035	0,293
CHR2	13723749	CHR2:13723749	SSF x Near_LoA	-8,407	0,042	0,278
CHR2	13747242	CHR2:13747242	SSF x Near_LoA	-7,989	-0,035	0,274
CHR2	13747247	CHR2:13747247	SSF x Near_LoA	-7,322	-0,010	0,283
CHR2	13779888	CHR2:13779888	SSF x Near_LoA	-4,456	0,170	0,275
CHR2	13779976	CHR2:13779976	SSF x Near_LoA	-10,373	-0,009	0,289
CHR2	13792535	CHR2:13792535	SSF x Near_LoA	-8,690	-0,029	0,289

CHR2	13802624	CHR2:13802624	SSF x Near_LoA	-7,782	-0,161	0,284
CHR2	13805423	CHR2:13805423	SSF x Near_LoA	-7,303	0,152	0,274
CHR2	13805439	CHR2:13805439	SSF x Near_LoA	-8,093	-0,020	0,294
CHR2	13805657	CHR2:13805657	SSF x Near_LoA	-2,819	-0,208	0,280
CHR2	13805880	CHR2:13805880	SSF x Near_LoA	-5,314	-0,042	0,295
CHR2	13817170	CHR2:13817170	SSF x Near_LoA	-7,531	-0,014	0,305
CHR2	13818438	CHR2:13818438	SSF x Near_LoA	-9,424	0,114	0,271
CHR2	13821266	CHR2:13821266	SSF x Near_LoA	-10,387	-0,006	0,290
CHR2	13821295	CHR2:13821295	SSF x Near_LoA	-7,219	-0,123	0,279
CHR2	13844333	CHR2:13844333	SSF x Near_LoA	-7,011	0,146	0,288
CHR2	13878008	CHR2:13878008	SSF x Near_LoA	-8,323	0,029	0,283
CHR2	13904484	CHR2:13904484	SSF x Near_LoA	-9,663	-0,008	0,285
CHR2	13908890	CHR2:13908890	SSF x Near_LoA	-9,987	0,047	0,281
CHR2	13908934	CHR2:13908934	SSF x Near_LoA	-10,802	0,058	0,289
CHR2	13909232	CHR2:13909232	SSF x Near_LoA	-5,339	-0,141	0,295
CHR2	13946011	CHR2:13946011	SSF x Near_LoA	-9,411	0,041	0,286
CHR2	13957095	CHR2:13957095	SSF x Near_LoA	-8,843	-0,087	0,281
CHR2	13957114	CHR2:13957114	SSF x Near_LoA	-8,023	0,026	0,276
CHR2	13957126	CHR2:13957126	SSF x Near_LoA	-11,099	0,062	0,282
CHR2	13957311	CHR2:13957311	SSF x Near_LoA	-5,856	-0,008	0,287
CHR2	13957327	CHR2:13957327	SSF x Near_LoA	-5,048	0,068	0,292
CHR2	13957331	CHR2:13957331	SSF x Near_LoA	-8,852	0,103	0,277
CHR2	13957366	CHR2:13957366	SSF x Near_LoA	-8,598	-0,080	0,278
CHR2	13975176	CHR2:13975176	SSF x Near_LoA	-7,546	0,089	0,287
CHR2	13975178	CHR2:13975178	SSF x Near_LoA	-7,498	0,156	0,282
CHR2	13983286	CHR2:13983286	SSF x Near_LoA	-9,882	-0,036	0,287
CHR2	13983353	CHR2:13983353	SSF x Near_LoA	-5,720	0,146	0,276
CHR2	13985786	CHR2:13985786	SSF x Near_LoA	-10,895	-0,011	0,292
CHR2	13985985	CHR2:13985985	SSF x Near_LoA	-7,656	0,055	0,298
CHR2	13986003	CHR2:13986003	SSF x Near_LoA	-10,233	-0,077	0,281
CHR2	13986063	CHR2:13986063	SSF x Near_LoA	-9,137	-0,047	0,282
CHR2	13988606	CHR2:13988606	SSF x Near_LoA	-6,924	-0,109	0,291
CHR2	13991766	CHR2:13991766	SSF x Near_LoA	-6,198	-0,057	0,292
CHR2	13991786	CHR2:13991786	SSF x Near_LoA	-7,220	0,051	0,293
CHR2	14001353	CHR2:14001353	SSF x Near_LoA	-8,240	0,146	0,281
CHR2	14001454	CHR2:14001454	SSF x Near_LoA	-7,502	-0,055	0,282
CHR2	14002782	CHR2:14002782	SSF x Near_LoA	-10,990	-0,046	0,288
CHR2	14002916	CHR2:14002916	SSF x Near_LoA	-4,303	-0,176	0,288
CHR2	1400739	CHR2:1400739	SSF x Near_LoA	-1,040	-0,184	0,283
CHR2	1400746	CHR2:1400746	SSF x Near_LoA	-5,201	0,156	0,267
CHR2	1400834	CHR2:1400834	SSF x Near_LoA	-8,113	-0,018	0,287
CHR2	14033445	CHR2:14033445	SSF x Near_LoA	-8,220	0,030	0,299
CHR2	14034679	CHR2:14034679	SSF x Near_LoA	-5,779	-0,138	0,279
CHR2	14034707	CHR2:14034707	SSF x Near_LoA	-6,423	-0,098	0,284
CHR2	14034816	CHR2:14034816	SSF x Near_LoA	-8,204	-0,118	0,291
CHR2	14038915	CHR2:14038915	SSF x Near_LoA	-8,577	-0,107	0,280
CHR2	1404422	CHR2:1404422	SSF x Near_LoA	-6,993	-0,186	0,277
CHR2	1404492	CHR2:1404492	SSF x Near_LoA	-7,086	-0,122	0,285
CHR2	14048170	CHR2:14048170	SSF x Near_LoA	-11,096	0,007	0,285
CHR2	14048200	CHR2:14048200	SSF x Near_LoA	-10,816	-0,033	0,288
CHR2	14048230	CHR2:14048230	SSF x Near_LoA	-9,063	0,077	0,293
CHR2	14048268	CHR2:14048268	SSF x Near_LoA	-8,803	-0,010	0,311
CHR2	14048389	CHR2:14048389	SSF x Near_LoA	-7,820	0,047	0,304

CHR2	14059464	CHR2:14059464	SSF x Near_LoA	-9,783	-0,052	0,280
CHR2	14059475	CHR2:14059475	SSF x Near_LoA	-9,318	-0,100	0,288
CHR2	14082318	CHR2:14082318	SSF x Near_LoA	-2,291	0,251	0,267
CHR2	14091630	CHR2:14091630	SSF x Near_LoA	-9,020	0,003	0,288
CHR2	14091705	CHR2:14091705	SSF x Near_LoA	-6,548	-0,052	0,292
CHR2	14091730	CHR2:14091730	SSF x Near_LoA	-10,434	-0,045	0,277
CHR2	14094813	CHR2:14094813	SSF x Near_LoA	-8,932	0,007	0,272
CHR2	1411172	CHR2:1411172	SSF x Near_LoA	-8,105	0,077	0,286
CHR2	1411240	CHR2:1411240	SSF x Near_LoA	-6,761	0,101	0,284
CHR2	1411248	CHR2:1411248	SSF x Near_LoA	-6,732	-0,191	0,270
CHR2	14115122	CHR2:14115122	SSF x Near_LoA	-8,125	-0,082	0,287
CHR2	14115175	CHR2:14115175	SSF x Near_LoA	-0,522	0,172	0,280
CHR2	14115246	CHR2:14115246	SSF x Near_LoA	-9,518	0,110	0,281
CHR2	14115262	CHR2:14115262	SSF x Near_LoA	-5,699	0,171	0,287
CHR2	14120959	CHR2:14120959	SSF x Near_LoA	-8,113	-0,012	0,296
CHR2	14129511	CHR2:14129511	SSF x Near_LoA	1,288	-0,163	0,293
CHR2	14129531	CHR2:14129531	SSF x Near_LoA	-2,850	-0,171	0,278
CHR2	14129543	CHR2:14129543	SSF x Near_LoA	-5,659	-0,175	0,276
CHR2	14135086	CHR2:14135086	SSF x Near_LoA	-8,221	0,031	0,287
CHR2	14135245	CHR2:14135245	SSF x Near_LoA	-9,336	0,042	0,289
CHR2	14156928	CHR2:14156928	SSF x Near_LoA	-8,678	0,103	0,290
CHR2	14156984	CHR2:14156984	SSF x Near_LoA	-9,619	-0,040	0,279
CHR2	14157013	CHR2:14157013	SSF x Near_LoA	-9,378	0,019	0,285
CHR2	14157022	CHR2:14157022	SSF x Near_LoA	-9,368	-0,082	0,291
CHR2	14157056	CHR2:14157056	SSF x Near_LoA	-7,393	0,012	0,289
CHR2	14157214	CHR2:14157214	SSF x Near_LoA	-6,046	-0,099	0,304
CHR2	14157222	CHR2:14157222	SSF x Near_LoA	-7,050	0,092	0,283
CHR2	14173894	CHR2:14173894	SSF x Near_LoA	-8,207	0,056	0,294
CHR2	14183298	CHR2:14183298	SSF x Near_LoA	-6,517	0,119	0,289
CHR2	14183511	CHR2:14183511	SSF x Near_LoA	-8,433	-0,114	0,280
CHR2	14183583	CHR2:14183583	SSF x Near_LoA	-8,872	0,060	0,289
CHR2	14183683	CHR2:14183683	SSF x Near_LoA	-8,808	-0,065	0,296
CHR2	1419789	CHR2:1419789	SSF x Near_LoA	-5,437	0,030	0,293
CHR2	1419820	CHR2:1419820	SSF x Near_LoA	-8,595	0,026	0,291
CHR2	1419857	CHR2:1419857	SSF x Near_LoA	-4,169	0,195	0,274
CHR2	1419874	CHR2:1419874	SSF x Near_LoA	-0,633	-0,200	0,281
CHR2	1419876	CHR2:1419876	SSF x Near_LoA	-9,115	0,090	0,285
CHR2	1419913	CHR2:1419913	SSF x Near_LoA	-5,995	0,173	0,281
CHR2	14199170	CHR2:14199170	SSF x Near_LoA	-4,003	-0,196	0,283
CHR2	14199222	CHR2:14199222	SSF x Near_LoA	-7,410	0,132	0,286
CHR2	14199279	CHR2:14199279	SSF x Near_LoA	-7,075	-0,126	0,284
CHR2	14199286	CHR2:14199286	SSF x Near_LoA	-7,987	-0,041	0,276
CHR2	1419929	CHR2:1419929	SSF x Near_LoA	-5,899	-0,073	0,289
CHR2	1420225	CHR2:1420225	SSF x Near_LoA	-9,429	0,008	0,294
CHR2	14204115	CHR2:14204115	SSF x Near_LoA	-5,080	-0,083	0,293
CHR2	14204194	CHR2:14204194	SSF x Near_LoA	-8,652	0,077	0,279
CHR2	14204227	CHR2:14204227	SSF x Near_LoA	-7,470	-0,042	0,286
CHR2	14204283	CHR2:14204283	SSF x Near_LoA	-6,280	0,023	0,290
CHR2	14204288	CHR2:14204288	SSF x Near_LoA	-7,960	0,037	0,291
CHR2	14204299	CHR2:14204299	SSF x Near_LoA	-6,194	0,117	0,284
CHR2	14209384	CHR2:14209384	SSF x Near_LoA	-9,259	-0,005	0,281
CHR2	14209508	CHR2:14209508	SSF x Near_LoA	-10,651	0,031	0,294
CHR2	14233949	CHR2:14233949	SSF x Near_LoA	-7,492	0,019	0,300

CHR2	14233987	CHR2:14233987	SSF x Near_LoA	-7,514	0,112	0,284
CHR2	14234043	CHR2:14234043	SSF x Near_LoA	-6,410	-0,107	0,288
CHR2	14258509	CHR2:14258509	SSF x Near_LoA	-7,856	-0,022	0,279
CHR2	14258559	CHR2:14258559	SSF x Near_LoA	-6,554	0,125	0,254
CHR2	14258574	CHR2:14258574	SSF x Near_LoA	-7,562	0,075	0,279
CHR2	14258683	CHR2:14258683	SSF x Near_LoA	-10,048	0,012	0,291
CHR2	14262224	CHR2:14262224	SSF x Near_LoA	-9,200	0,085	0,275
CHR2	14264941	CHR2:14264941	SSF x Near_LoA	-8,357	-0,017	0,280
CHR2	14265056	CHR2:14265056	SSF x Near_LoA	-8,962	-0,060	0,293
CHR2	14265086	CHR2:14265086	SSF x Near_LoA	-9,542	-0,092	0,290
CHR2	14285742	CHR2:14285742	SSF x Near_LoA	-9,390	0,075	0,284
CHR2	14285850	CHR2:14285850	SSF x Near_LoA	-8,735	0,052	0,284
CHR2	14285898	CHR2:14285898	SSF x Near_LoA	-7,362	0,003	0,292
CHR2	14285903	CHR2:14285903	SSF x Near_LoA	-8,152	0,012	0,277
CHR2	14285904	CHR2:14285904	SSF x Near_LoA	-7,760	-0,008	0,292
CHR2	14285913	CHR2:14285913	SSF x Near_LoA	-7,435	0,001	0,291
CHR2	14285914	CHR2:14285914	SSF x Near_LoA	-7,260	0,010	0,289
CHR2	14285924	CHR2:14285924	SSF x Near_LoA	-7,941	0,001	0,275
CHR2	14285954	CHR2:14285954	SSF x Near_LoA	-7,724	-0,014	0,286
CHR2	14287691	CHR2:14287691	SSF x Near_LoA	-7,000	-0,154	0,285
CHR2	14289041	CHR2:14289041	SSF x Near_LoA	-8,090	0,055	0,279
CHR2	14289105	CHR2:14289105	SSF x Near_LoA	-9,298	0,126	0,281
CHR2	14289153	CHR2:14289153	SSF x Near_LoA	-7,379	0,125	0,254
CHR2	14301171	CHR2:14301171	SSF x Near_LoA	-8,592	-0,008	0,299
CHR2	14318981	CHR2:14318981	SSF x Near_LoA	-4,256	0,264	0,265
CHR2	14334844	CHR2:14334844	SSF x Near_LoA	-9,571	-0,038	0,292
CHR2	14334845	CHR2:14334845	SSF x Near_LoA	-9,899	-0,033	0,290
CHR2	14334856	CHR2:14334856	SSF x Near_LoA	-5,573	-0,055	0,283
CHR2	14344130	CHR2:14344130	SSF x Near_LoA	-7,054	0,048	0,297
CHR2	14344257	CHR2:14344257	SSF x Near_LoA	-6,845	0,029	0,296
CHR2	14347415	CHR2:14347415	SSF x Near_LoA	-6,228	-0,037	0,293
CHR2	14347594	CHR2:14347594	SSF x Near_LoA	-7,819	0,067	0,289
CHR2	14347664	CHR2:14347664	SSF x Near_LoA	-6,886	-0,028	0,297
CHR2	14347743	CHR2:14347743	SSF x Near_LoA	-9,310	0,091	0,302
CHR2	14366440	CHR2:14366440	SSF x Near_LoA	-6,910	-0,026	0,294
CHR2	14372184	CHR2:14372184	SSF x Near_LoA	-7,744	-0,091	0,278
CHR2	14372218	CHR2:14372218	SSF x Near_LoA	-8,979	0,029	0,296
CHR2	14372311	CHR2:14372311	SSF x Near_LoA	-10,010	-0,117	0,288
CHR2	14372366	CHR2:14372366	SSF x Near_LoA	-10,568	-0,007	0,290
CHR2	14372382	CHR2:14372382	SSF x Near_LoA	-9,741	-0,043	0,287
CHR2	14390524	CHR2:14390524	SSF x Near_LoA	-10,037	0,017	0,290
CHR2	14390615	CHR2:14390615	SSF x Near_LoA	-5,939	0,053	0,289
CHR2	14395954	CHR2:14395954	SSF x Near_LoA	-6,586	0,150	0,274
CHR2	14396722	CHR2:14396722	SSF x Near_LoA	-6,991	0,067	0,291
CHR2	14401497	CHR2:14401497	SSF x Near_LoA	-8,224	-0,101	0,294
CHR2	14401685	CHR2:14401685	SSF x Near_LoA	-5,584	-0,080	0,278
CHR2	14401710	CHR2:14401710	SSF x Near_LoA	-8,410	0,024	0,300
CHR2	14401913	CHR2:14401913	SSF x Near_LoA	-7,576	0,108	0,273
CHR2	14407209	CHR2:14407209	SSF x Near_LoA	-9,062	-0,038	0,285
CHR2	14407508	CHR2:14407508	SSF x Near_LoA	-7,748	0,011	0,259
CHR2	14407576	CHR2:14407576	SSF x Near_LoA	-6,994	0,167	0,287
CHR2	14441801	CHR2:14441801	SSF x Near_LoA	-7,491	0,032	0,288
CHR2	14441826	CHR2:14441826	SSF x Near_LoA	-7,224	0,057	0,286

CHR2	14441905	CHR2:14441905	SSF x Near_LoA	-10,401	-0,019	0,273
CHR2	14441932	CHR2:14441932	SSF x Near_LoA	-5,244	0,071	0,291
CHR2	14442063	CHR2:14442063	SSF x Near_LoA	-5,737	-0,109	0,287
CHR2	14442180	CHR2:14442180	SSF x Near_LoA	-7,323	0,013	0,271
CHR2	14452455	CHR2:14452455	SSF x Near_LoA	-5,901	0,185	0,280
CHR2	14452456	CHR2:14452456	SSF x Near_LoA	-2,534	0,168	0,281
CHR2	14452465	CHR2:14452465	SSF x Near_LoA	-5,427	0,175	0,288
CHR2	14452645	CHR2:14452645	SSF x Near_LoA	-5,052	-0,158	0,291
CHR2	14458830	CHR2:14458830	SSF x Near_LoA	-9,850	0,015	0,270
CHR2	14458881	CHR2:14458881	SSF x Near_LoA	-5,650	0,126	0,293
CHR2	14459556	CHR2:14459556	SSF x Near_LoA	-8,431	0,149	0,279
CHR2	14467809	CHR2:14467809	SSF x Near_LoA	-9,049	-0,043	0,295
CHR2	14470925	CHR2:14470925	SSF x Near_LoA	-9,517	-0,071	0,289
CHR2	14473048	CHR2:14473048	SSF x Near_LoA	-7,403	0,224	0,266
CHR2	14512356	CHR2:14512356	SSF x Near_LoA	-7,230	0,082	0,298
CHR2	14512380	CHR2:14512380	SSF x Near_LoA	-8,325	0,020	0,285
CHR2	14535259	CHR2:14535259	SSF x Near_LoA	-8,695	0,026	0,295
CHR2	14547421	CHR2:14547421	SSF x Near_LoA	-7,752	-0,049	0,293
CHR2	14547454	CHR2:14547454	SSF x Near_LoA	-10,024	-0,088	0,294
CHR2	14547458	CHR2:14547458	SSF x Near_LoA	-8,603	-0,008	0,290
CHR2	14551691	CHR2:14551691	SSF x Near_LoA	-7,172	0,047	0,294
CHR2	14552393	CHR2:14552393	SSF x Near_LoA	-8,178	-0,022	0,293
CHR2	1457362	CHR2:1457362	SSF x Near_LoA	-10,303	-0,032	0,278
CHR2	1457422	CHR2:1457422	SSF x Near_LoA	-6,233	0,135	0,282
CHR2	1457450	CHR2:1457450	SSF x Near_LoA	-7,049	-0,115	0,292
CHR2	1457452	CHR2:1457452	SSF x Near_LoA	-3,807	-0,119	0,281
CHR2	1457455	CHR2:1457455	SSF x Near_LoA	-7,377	-0,139	0,290
CHR2	1457457	CHR2:1457457	SSF x Near_LoA	-7,301	-0,152	0,282
CHR2	1457460	CHR2:1457460	SSF x Near_LoA	-5,583	-0,082	0,294
CHR2	14587598	CHR2:14587598	SSF x Near_LoA	-10,347	-0,020	0,269
CHR2	1460299	CHR2:1460299	SSF x Near_LoA	-6,450	0,152	0,282
CHR2	1460303	CHR2:1460303	SSF x Near_LoA	-3,694	0,207	0,273
CHR2	1460345	CHR2:1460345	SSF x Near_LoA	-8,166	0,080	0,261
CHR2	1460351	CHR2:1460351	SSF x Near_LoA	-7,792	0,038	0,270
CHR2	14653415	CHR2:14653415	SSF x Near_LoA	-9,250	0,053	0,281
CHR2	14653587	CHR2:14653587	SSF x Near_LoA	-6,825	0,086	0,279
CHR2	14657417	CHR2:14657417	SSF x Near_LoA	-7,239	0,093	0,279
CHR2	14659653	CHR2:14659653	SSF x Near_LoA	-8,074	0,015	0,279
CHR2	14659722	CHR2:14659722	SSF x Near_LoA	-7,766	-0,078	0,283
CHR2	14659755	CHR2:14659755	SSF x Near_LoA	-10,384	-0,043	0,277
CHR2	14659821	CHR2:14659821	SSF x Near_LoA	-3,781	-0,096	0,289
CHR2	14659854	CHR2:14659854	SSF x Near_LoA	-6,906	-0,029	0,295
CHR2	14682751	CHR2:14682751	SSF x Near_LoA	-8,808	0,037	0,283
CHR2	1470139	CHR2:1470139	SSF x Near_LoA	-11,031	0,002	0,285
CHR2	1470543	CHR2:1470543	SSF x Near_LoA	-6,834	-0,124	0,279
CHR2	14716111	CHR2:14716111	SSF x Near_LoA	-6,712	-0,047	0,298
CHR2	14718421	CHR2:14718421	SSF x Near_LoA	-4,400	0,209	0,284
CHR2	14718432	CHR2:14718432	SSF x Near_LoA	-7,181	0,150	0,283
CHR2	14718490	CHR2:14718490	SSF x Near_LoA	-7,275	-0,026	0,281
CHR2	14718520	CHR2:14718520	SSF x Near_LoA	-4,940	0,055	0,302
CHR2	14718557	CHR2:14718557	SSF x Near_LoA	-7,104	0,120	0,275
CHR2	14718558	CHR2:14718558	SSF x Near_LoA	-7,653	0,120	0,294
CHR2	14733342	CHR2:14733342	SSF x Near_LoA	-7,327	0,127	0,275

CHR2	14733362	CHR2:14733362	SSF x Near_LoA	-6,119	-0,149	0,277
CHR2	14733379	CHR2:14733379	SSF x Near_LoA	-6,198	0,094	0,283
CHR2	14733475	CHR2:14733475	SSF x Near_LoA	-7,324	-0,031	0,286
CHR2	14733501	CHR2:14733501	SSF x Near_LoA	-6,864	-0,109	0,297
CHR2	14733502	CHR2:14733502	SSF x Near_LoA	-6,859	-0,116	0,272
CHR2	14753104	CHR2:14753104	SSF x Near_LoA	-6,057	0,174	0,288
CHR2	14754370	CHR2:14754370	SSF x Near_LoA	-10,083	0,032	0,282
CHR2	14754480	CHR2:14754480	SSF x Near_LoA	-7,176	-0,052	0,302
CHR2	14756292	CHR2:14756292	SSF x Near_LoA	-7,221	-0,126	0,282
CHR2	14768679	CHR2:14768679	SSF x Near_LoA	-10,501	0,005	0,287
CHR2	14768729	CHR2:14768729	SSF x Near_LoA	-6,738	-0,108	0,281
CHR2	14768731	CHR2:14768731	SSF x Near_LoA	-9,149	-0,012	0,278
CHR2	14768761	CHR2:14768761	SSF x Near_LoA	-4,720	0,161	0,277
CHR2	14768802	CHR2:14768802	SSF x Near_LoA	-11,021	0,002	0,289
CHR2	14769019	CHR2:14769019	SSF x Near_LoA	-8,330	-0,119	0,280
CHR2	14780995	CHR2:14780995	SSF x Near_LoA	-7,058	-0,015	0,286
CHR2	14781135	CHR2:14781135	SSF x Near_LoA	-8,408	-0,042	0,268
CHR2	14784711	CHR2:14784711	SSF x Near_LoA	-6,888	-0,155	0,282
CHR2	14784717	CHR2:14784717	SSF x Near_LoA	-4,398	-0,112	0,270
CHR2	14801774	CHR2:14801774	SSF x Near_LoA	-10,081	0,044	0,290
CHR2	14801874	CHR2:14801874	SSF x Near_LoA	-7,138	-0,021	0,288
CHR2	14812194	CHR2:14812194	SSF x Near_LoA	-9,181	-0,011	0,280
CHR2	14812297	CHR2:14812297	SSF x Near_LoA	-9,848	-0,108	0,291
CHR2	14812307	CHR2:14812307	SSF x Near_LoA	-3,793	-0,014	0,282
CHR2	14818998	CHR2:14818998	SSF x Near_LoA	-5,417	0,006	0,296
CHR2	14823482	CHR2:14823482	SSF x Near_LoA	-9,086	-0,012	0,283
CHR2	14827547	CHR2:14827547	SSF x Near_LoA	-7,809	0,126	0,297
CHR2	14827554	CHR2:14827554	SSF x Near_LoA	-8,048	-0,115	0,285
CHR2	14840400	CHR2:14840400	SSF x Near_LoA	-10,603	-0,031	0,281
CHR2	14840412	CHR2:14840412	SSF x Near_LoA	-7,512	0,074	0,301
CHR2	14840429	CHR2:14840429	SSF x Near_LoA	-6,747	0,097	0,288
CHR2	14840459	CHR2:14840459	SSF x Near_LoA	0,031	0,083	0,292
CHR2	14840468	CHR2:14840468	SSF x Near_LoA	-5,469	0,074	0,289
CHR2	14840507	CHR2:14840507	SSF x Near_LoA	-6,773	0,052	0,270
CHR2	14840681	CHR2:14840681	SSF x Near_LoA	-7,381	0,035	0,284
CHR2	14840741	CHR2:14840741	SSF x Near_LoA	-7,825	-0,019	0,297
CHR2	14840756	CHR2:14840756	SSF x Near_LoA	-7,130	0,107	0,284
CHR2	14840816	CHR2:14840816	SSF x Near_LoA	-6,980	0,058	0,301
CHR2	1484345	CHR2:1484345	SSF x Near_LoA	-6,394	0,227	0,274
CHR2	1484527	CHR2:1484527	SSF x Near_LoA	-8,130	-0,184	0,276
CHR2	1484568	CHR2:1484568	SSF x Near_LoA	-6,560	-0,127	0,276
CHR2	1484667	CHR2:1484667	SSF x Near_LoA	-6,102	0,129	0,286
CHR2	14855245	CHR2:14855245	SSF x Near_LoA	-7,871	-0,177	0,279
CHR2	14855377	CHR2:14855377	SSF x Near_LoA	-7,405	0,156	0,261
CHR2	14855389	CHR2:14855389	SSF x Near_LoA	-10,703	0,010	0,300
CHR2	14861126	CHR2:14861126	SSF x Near_LoA	-10,479	0,013	0,279
CHR2	14861138	CHR2:14861138	SSF x Near_LoA	-5,876	-0,044	0,285
CHR2	14861308	CHR2:14861308	SSF x Near_LoA	-5,894	0,103	0,295
CHR2	14861457	CHR2:14861457	SSF x Near_LoA	-7,708	0,029	0,284
CHR2	14872062	CHR2:14872062	SSF x Near_LoA	-10,354	-0,027	0,285
CHR2	14872073	CHR2:14872073	SSF x Near_LoA	-4,469	-0,120	0,291
CHR2	14872094	CHR2:14872094	SSF x Near_LoA	-6,651	-0,141	0,276
CHR2	14872203	CHR2:14872203	SSF x Near_LoA	-7,963	0,073	0,281

CHR2	14872308	CHR2:14872308	SSF x Near_LoA	-7,212	0,157	0,287
CHR2	14872324	CHR2:14872324	SSF x Near_LoA	-9,609	-0,072	0,285
CHR2	14872360	CHR2:14872360	SSF x Near_LoA	-8,234	0,168	0,276
CHR2	14878415	CHR2:14878415	SSF x Near_LoA	-7,975	-0,180	0,268
CHR2	14878434	CHR2:14878434	SSF x Near_LoA	-8,944	-0,003	0,289
CHR2	14878521	CHR2:14878521	SSF x Near_LoA	-7,884	-0,091	0,288
CHR2	14878526	CHR2:14878526	SSF x Near_LoA	-7,920	0,100	0,287
CHR2	14921401	CHR2:14921401	SSF x Near_LoA	-4,041	0,099	0,293
CHR2	14921431	CHR2:14921431	SSF x Near_LoA	-7,904	0,055	0,291
CHR2	14939219	CHR2:14939219	SSF x Near_LoA	-9,534	-0,103	0,303
CHR2	14939237	CHR2:14939237	SSF x Near_LoA	-8,617	-0,052	0,282
CHR2	14939314	CHR2:14939314	SSF x Near_LoA	-8,851	-0,004	0,277
CHR2	14941969	CHR2:14941969	SSF x Near_LoA	-7,960	0,007	0,291
CHR2	14942069	CHR2:14942069	SSF x Near_LoA	-7,258	-0,013	0,294
CHR2	14942244	CHR2:14942244	SSF x Near_LoA	-7,903	0,060	0,291
CHR2	14954367	CHR2:14954367	SSF x Near_LoA	-8,631	0,053	0,284
CHR2	14954428	CHR2:14954428	SSF x Near_LoA	-7,250	0,071	0,286
CHR2	14954448	CHR2:14954448	SSF x Near_LoA	-2,975	-0,254	0,271
CHR2	14961722	CHR2:14961722	SSF x Near_LoA	-8,995	0,019	0,280
CHR2	1496696	CHR2:1496696	SSF x Near_LoA	-9,644	0,044	0,274
CHR2	1496879	CHR2:1496879	SSF x Near_LoA	-8,288	0,002	0,288
CHR2	14970666	CHR2:14970666	SSF x Near_LoA	-7,295	-0,033	0,288
CHR2	14970694	CHR2:14970694	SSF x Near_LoA	-8,379	0,089	0,275
CHR2	14970870	CHR2:14970870	SSF x Near_LoA	-7,654	0,113	0,293
CHR2	14976552	CHR2:14976552	SSF x Near_LoA	-7,977	-0,015	0,308
CHR2	14976553	CHR2:14976553	SSF x Near_LoA	-8,005	-0,037	0,284
CHR2	14976704	CHR2:14976704	SSF x Near_LoA	-7,602	0,061	0,280
CHR2	15005392	CHR2:15005392	SSF x Near_LoA	-9,498	-0,009	0,281
CHR2	1502051	CHR2:1502051	SSF x Near_LoA	-8,307	-0,050	0,294
CHR2	15046934	CHR2:15046934	SSF x Near_LoA	-9,697	0,048	0,285
CHR2	15047169	CHR2:15047169	SSF x Near_LoA	-7,821	-0,020	0,282
CHR2	15055208	CHR2:15055208	SSF x Near_LoA	-8,486	0,069	0,281
CHR2	15055252	CHR2:15055252	SSF x Near_LoA	-9,016	-0,049	0,299
CHR2	15055261	CHR2:15055261	SSF x Near_LoA	-7,825	0,033	0,296
CHR2	15055270	CHR2:15055270	SSF x Near_LoA	-7,182	0,027	0,299
CHR2	15055330	CHR2:15055330	SSF x Near_LoA	-8,846	-0,017	0,282
CHR2	15055519	CHR2:15055519	SSF x Near_LoA	-10,582	0,006	0,276
CHR2	15069655	CHR2:15069655	SSF x Near_LoA	-3,458	0,040	0,301
CHR2	15071846	CHR2:15071846	SSF x Near_LoA	-6,344	0,206	0,274
CHR2	15082803	CHR2:15082803	SSF x Near_LoA	-7,197	-0,076	0,281
CHR2	15095646	CHR2:15095646	SSF x Near_LoA	-8,506	0,012	0,297
CHR2	15095697	CHR2:15095697	SSF x Near_LoA	-8,977	0,074	0,286
CHR2	15095732	CHR2:15095732	SSF x Near_LoA	-7,971	-0,024	0,286
CHR2	15095858	CHR2:15095858	SSF x Near_LoA	-10,800	0,036	0,267
CHR2	15111374	CHR2:15111374	SSF x Near_LoA	-8,175	-0,094	0,280
CHR2	15111441	CHR2:15111441	SSF x Near_LoA	-7,181	0,042	0,285
CHR2	15115137	CHR2:15115137	SSF x Near_LoA	-8,713	-0,002	0,304
CHR2	15115138	CHR2:15115138	SSF x Near_LoA	-6,259	0,173	0,276
CHR2	15115167	CHR2:15115167	SSF x Near_LoA	-9,625	0,053	0,292
CHR2	15115168	CHR2:15115168	SSF x Near_LoA	-9,776	-0,112	0,288
CHR2	15115209	CHR2:15115209	SSF x Near_LoA	-10,252	0,051	0,287
CHR2	15115217	CHR2:15115217	SSF x Near_LoA	-9,157	-0,050	0,273
CHR2	15115263	CHR2:15115263	SSF x Near_LoA	-5,506	-0,178	0,290

CHR2	15128939	CHR2:15128939	SSF x Near_LoA	-9,916	0,054	0,295
CHR2	15132293	CHR2:15132293	SSF x Near_LoA	-6,927	0,099	0,266
CHR2	15133834	CHR2:15133834	SSF x Near_LoA	-8,836	-0,151	0,277
CHR2	15133891	CHR2:15133891	SSF x Near_LoA	-6,980	0,074	0,291
CHR2	15133939	CHR2:15133939	SSF x Near_LoA	-6,627	0,171	0,284
CHR2	15134219	CHR2:15134219	SSF x Near_LoA	-5,206	-0,117	0,303
CHR2	15142621	CHR2:15142621	SSF x Near_LoA	-5,957	-0,015	0,281
CHR2	15142658	CHR2:15142658	SSF x Near_LoA	-8,636	-0,039	0,280
CHR2	15146741	CHR2:15146741	SSF x Near_LoA	-7,700	0,045	0,295
CHR2	15146752	CHR2:15146752	SSF x Near_LoA	-8,867	-0,004	0,293
CHR2	15146764	CHR2:15146764	SSF x Near_LoA	-8,735	0,046	0,290
CHR2	15149368	CHR2:15149368	SSF x Near_LoA	-5,646	0,105	0,281
CHR2	15159496	CHR2:15159496	SSF x Near_LoA	-8,907	-0,090	0,281
CHR2	15172288	CHR2:15172288	SSF x Near_LoA	-8,394	0,057	0,279
CHR2	15172377	CHR2:15172377	SSF x Near_LoA	-7,934	0,023	0,273
CHR2	15172409	CHR2:15172409	SSF x Near_LoA	-6,480	-0,095	0,279
CHR2	15172411	CHR2:15172411	SSF x Near_LoA	-7,223	-0,118	0,286
CHR2	15172420	CHR2:15172420	SSF x Near_LoA	-6,540	-0,208	0,271
CHR2	15208569	CHR2:15208569	SSF x Near_LoA	-4,386	-0,231	0,272
CHR2	15208609	CHR2:15208609	SSF x Near_LoA	-7,435	0,025	0,290
CHR2	15210638	CHR2:15210638	SSF x Near_LoA	-9,879	0,101	0,295
CHR2	15222483	CHR2:15222483	SSF x Near_LoA	-8,394	-0,003	0,298
CHR2	15225608	CHR2:15225608	SSF x Near_LoA	-8,330	0,139	0,285
CHR2	15225757	CHR2:15225757	SSF x Near_LoA	-9,219	0,032	0,283
CHR2	15225768	CHR2:15225768	SSF x Near_LoA	-9,229	0,073	0,281
CHR2	1523746	CHR2:1523746	SSF x Near_LoA	-9,609	0,009	0,283
CHR2	1523805	CHR2:1523805	SSF x Near_LoA	-10,832	0,061	0,265
CHR2	1523823	CHR2:1523823	SSF x Near_LoA	-9,118	0,026	0,303
CHR2	15240959	CHR2:15240959	SSF x Near_LoA	-7,026	0,117	0,297
CHR2	15243373	CHR2:15243373	SSF x Near_LoA	-8,029	-0,201	0,282
CHR2	15243382	CHR2:15243382	SSF x Near_LoA	-7,584	-0,196	0,279
CHR2	15243394	CHR2:15243394	SSF x Near_LoA	-6,175	0,109	0,277
CHR2	15243395	CHR2:15243395	SSF x Near_LoA	-5,605	0,096	0,276
CHR2	15243437	CHR2:15243437	SSF x Near_LoA	-2,537	0,176	0,276
CHR2	15244835	CHR2:15244835	SSF x Near_LoA	-7,631	0,023	0,274
CHR2	15252097	CHR2:15252097	SSF x Near_LoA	-8,528	0,048	0,277
CHR2	15252129	CHR2:15252129	SSF x Near_LoA	-9,035	0,037	0,282
CHR2	15252211	CHR2:15252211	SSF x Near_LoA	-10,140	0,062	0,289
CHR2	15253068	CHR2:15253068	SSF x Near_LoA	-6,386	-0,086	0,289
CHR2	1525308	CHR2:1525308	SSF x Near_LoA	-6,461	0,179	0,290
CHR2	15253164	CHR2:15253164	SSF x Near_LoA	-9,819	0,006	0,302
CHR2	15267225	CHR2:15267225	SSF x Near_LoA	-7,421	0,014	0,295
CHR2	15267267	CHR2:15267267	SSF x Near_LoA	-7,693	-0,061	0,286
CHR2	15270140	CHR2:15270140	SSF x Near_LoA	-9,690	0,004	0,290
CHR2	15270159	CHR2:15270159	SSF x Near_LoA	-1,458	0,251	0,259
CHR2	15270205	CHR2:15270205	SSF x Near_LoA	-5,302	0,142	0,270
CHR2	15272514	CHR2:15272514	SSF x Near_LoA	-7,748	-0,004	0,293
CHR2	15272584	CHR2:15272584	SSF x Near_LoA	-9,094	-0,001	0,306
CHR2	15272600	CHR2:15272600	SSF x Near_LoA	1,670	0,095	0,304
CHR2	15289155	CHR2:15289155	SSF x Near_LoA	-7,508	0,002	0,274
CHR2	15289208	CHR2:15289208	SSF x Near_LoA	-8,849	0,126	0,283
CHR2	15289256	CHR2:15289256	SSF x Near_LoA	-8,385	-0,115	0,297
CHR2	15289265	CHR2:15289265	SSF x Near_LoA	-7,905	0,077	0,285

CHR2	15295730	CHR2:15295730	SSF x Near_LoA	-8,075	0,171	0,275
CHR2	15295741	CHR2:15295741	SSF x Near_LoA	-9,653	-0,068	0,283
CHR2	15295747	CHR2:15295747	SSF x Near_LoA	-7,510	-0,017	0,299
CHR2	15295755	CHR2:15295755	SSF x Near_LoA	-7,027	0,132	0,282
CHR2	15295797	CHR2:15295797	SSF x Near_LoA	-7,345	0,107	0,287
CHR2	15295911	CHR2:15295911	SSF x Near_LoA	-9,312	0,108	0,285
CHR2	15304426	CHR2:15304426	SSF x Near_LoA	-10,222	0,017	0,289
CHR2	15304504	CHR2:15304504	SSF x Near_LoA	-8,031	-0,038	0,290
CHR2	15304505	CHR2:15304505	SSF x Near_LoA	-9,453	-0,049	0,287
CHR2	15315090	CHR2:15315090	SSF x Near_LoA	-9,865	-0,017	0,278
CHR2	15315144	CHR2:15315144	SSF x Near_LoA	-6,264	0,085	0,271
CHR2	15315148	CHR2:15315148	SSF x Near_LoA	-7,023	0,096	0,253
CHR2	15315199	CHR2:15315199	SSF x Near_LoA	-11,194	-0,071	0,282
CHR2	15315332	CHR2:15315332	SSF x Near_LoA	-6,585	-0,129	0,272
CHR2	15315450	CHR2:15315450	SSF x Near_LoA	2,372	0,143	0,275
CHR2	15323922	CHR2:15323922	SSF x Near_LoA	-10,310	0,043	0,289
CHR2	15324056	CHR2:15324056	SSF x Near_LoA	-9,598	-0,090	0,280
CHR2	15325130	CHR2:15325130	SSF x Near_LoA	-3,603	0,142	0,291
CHR2	15325182	CHR2:15325182	SSF x Near_LoA	-2,705	0,258	0,272
CHR2	15325200	CHR2:15325200	SSF x Near_LoA	-1,076	0,233	0,273
CHR2	15325215	CHR2:15325215	SSF x Near_LoA	-7,202	-0,030	0,279
CHR2	15329622	CHR2:15329622	SSF x Near_LoA	-10,374	-0,053	0,281
CHR2	15329681	CHR2:15329681	SSF x Near_LoA	-9,646	-0,099	0,290
CHR2	1532982	CHR2:1532982	SSF x Near_LoA	-4,893	0,091	0,274
CHR2	15330685	CHR2:15330685	SSF x Near_LoA	-8,917	-0,053	0,274
CHR2	15330772	CHR2:15330772	SSF x Near_LoA	-7,327	0,092	0,285
CHR2	1533125	CHR2:1533125	SSF x Near_LoA	-7,162	0,097	0,282
CHR2	1533129	CHR2:1533129	SSF x Near_LoA	-8,004	0,011	0,289
CHR2	1533141	CHR2:1533141	SSF x Near_LoA	-6,116	-0,128	0,284
CHR2	15332204	CHR2:15332204	SSF x Near_LoA	-8,080	-0,029	0,278
CHR2	15332211	CHR2:15332211	SSF x Near_LoA	-6,393	-0,046	0,281
CHR2	15332234	CHR2:15332234	SSF x Near_LoA	-8,427	-0,130	0,277
CHR2	15332411	CHR2:15332411	SSF x Near_LoA	-9,576	-0,026	0,299
CHR2	15332518	CHR2:15332518	SSF x Near_LoA	-7,966	0,004	0,293
CHR2	15335411	CHR2:15335411	SSF x Near_LoA	-6,793	-0,127	0,291
CHR2	15335451	CHR2:15335451	SSF x Near_LoA	-7,736	-0,033	0,293
CHR2	15343761	CHR2:15343761	SSF x Near_LoA	-7,213	0,038	0,278
CHR2	15343834	CHR2:15343834	SSF x Near_LoA	-10,736	0,022	0,285
CHR2	15350250	CHR2:15350250	SSF x Near_LoA	-1,123	0,111	0,292
CHR2	15350312	CHR2:15350312	SSF x Near_LoA	-8,723	0,019	0,278
CHR2	15358627	CHR2:15358627	SSF x Near_LoA	-10,914	0,013	0,274
CHR2	15358659	CHR2:15358659	SSF x Near_LoA	-7,529	0,082	0,274
CHR2	15366102	CHR2:15366102	SSF x Near_LoA	-9,211	0,127	0,290
CHR2	15368068	CHR2:15368068	SSF x Near_LoA	-9,674	-0,022	0,298
CHR2	15368130	CHR2:15368130	SSF x Near_LoA	-7,586	-0,168	0,283
CHR2	15368258	CHR2:15368258	SSF x Near_LoA	1,527	-0,175	0,277
CHR2	15368361	CHR2:15368361	SSF x Near_LoA	-6,755	0,152	0,291
CHR2	15384300	CHR2:15384300	SSF x Near_LoA	-8,721	-0,082	0,292
CHR2	15392035	CHR2:15392035	SSF x Near_LoA	-7,408	-0,058	0,289
CHR2	15392053	CHR2:15392053	SSF x Near_LoA	-9,294	0,048	0,292
CHR2	15392075	CHR2:15392075	SSF x Near_LoA	-10,186	0,004	0,292
CHR2	15392309	CHR2:15392309	SSF x Near_LoA	-8,134	-0,029	0,291
CHR2	15392378	CHR2:15392378	SSF x Near_LoA	-7,605	-0,113	0,289

CHR2	15392475	CHR2:15392475	SSF x Near_LoA	-2,028	0,017	0,270
CHR2	15413363	CHR2:15413363	SSF x Near_LoA	-10,228	0,029	0,288
CHR2	15433315	CHR2:15433315	SSF x Near_LoA	-0,609	-0,172	0,278
CHR2	15433428	CHR2:15433428	SSF x Near_LoA	-8,350	-0,050	0,288
CHR2	15439653	CHR2:15439653	SSF x Near_LoA	-6,872	0,121	0,285
CHR2	15439684	CHR2:15439684	SSF x Near_LoA	-8,216	0,058	0,294
CHR2	15439788	CHR2:15439788	SSF x Near_LoA	-10,760	0,098	0,277
CHR2	15445139	CHR2:15445139	SSF x Near_LoA	7,916	-0,202	0,285
CHR2	15449923	CHR2:15449923	SSF x Near_LoA	-6,735	-0,112	0,278
CHR2	15449927	CHR2:15449927	SSF x Near_LoA	-0,345	-0,085	0,281
CHR2	15457254	CHR2:15457254	SSF x Near_LoA	-7,976	0,018	0,284
CHR2	15457423	CHR2:15457423	SSF x Near_LoA	-10,040	0,121	0,287
CHR2	15464201	CHR2:15464201	SSF x Near_LoA	-9,589	0,077	0,291
CHR2	15464222	CHR2:15464222	SSF x Near_LoA	-5,676	0,139	0,283
CHR2	15464224	CHR2:15464224	SSF x Near_LoA	-7,503	-0,070	0,284
CHR2	15464288	CHR2:15464288	SSF x Near_LoA	-8,147	0,034	0,290
CHR2	15464336	CHR2:15464336	SSF x Near_LoA	-7,200	0,117	0,293
CHR2	15476695	CHR2:15476695	SSF x Near_LoA	-9,082	0,126	0,279
CHR2	15491089	CHR2:15491089	SSF x Near_LoA	-8,474	-0,093	0,295
CHR2	15491296	CHR2:15491296	SSF x Near_LoA	-7,347	-0,041	0,294
CHR2	15508368	CHR2:15508368	SSF x Near_LoA	-8,519	-0,075	0,289
CHR2	15514108	CHR2:15514108	SSF x Near_LoA	-5,203	-0,193	0,277
CHR2	15518168	CHR2:15518168	SSF x Near_LoA	-9,560	0,016	0,283
CHR2	15526229	CHR2:15526229	SSF x Near_LoA	-8,045	0,070	0,284
CHR2	15526315	CHR2:15526315	SSF x Near_LoA	-5,605	0,198	0,278
CHR2	15526339	CHR2:15526339	SSF x Near_LoA	-6,838	-0,101	0,265
CHR2	15545746	CHR2:15545746	SSF x Near_LoA	-6,147	0,093	0,292
CHR2	15545852	CHR2:15545852	SSF x Near_LoA	-9,158	0,082	0,272
CHR2	15549342	CHR2:15549342	SSF x Near_LoA	-10,753	-0,024	0,288
CHR2	15549348	CHR2:15549348	SSF x Near_LoA	-7,509	-0,002	0,299
CHR2	15549429	CHR2:15549429	SSF x Near_LoA	-11,022	-0,068	0,286
CHR2	15549518	CHR2:15549518	SSF x Near_LoA	-9,284	-0,079	0,293
CHR2	15549579	CHR2:15549579	SSF x Near_LoA	-9,151	-0,047	0,300
CHR2	15549612	CHR2:15549612	SSF x Near_LoA	-7,122	-0,018	0,291
CHR2	15551005	CHR2:15551005	SSF x Near_LoA	-7,411	0,165	0,277
CHR2	15561158	CHR2:15561158	SSF x Near_LoA	-9,379	0,132	0,282
CHR2	15561315	CHR2:15561315	SSF x Near_LoA	-9,007	-0,021	0,292
CHR2	15561361	CHR2:15561361	SSF x Near_LoA	-11,113	-0,036	0,275
CHR2	15568567	CHR2:15568567	SSF x Near_LoA	-8,264	0,040	0,283
CHR2	15575245	CHR2:15575245	SSF x Near_LoA	-9,159	0,108	0,276
CHR2	15584690	CHR2:15584690	SSF x Near_LoA	-7,006	-0,078	0,281
CHR2	15595354	CHR2:15595354	SSF x Near_LoA	-5,287	0,198	0,271
CHR2	15595599	CHR2:15595599	SSF x Near_LoA	-6,416	-0,079	0,287
CHR2	15595710	CHR2:15595710	SSF x Near_LoA	-10,662	-0,015	0,294
CHR2	15596661	CHR2:15596661	SSF x Near_LoA	-2,348	-0,023	0,294
CHR2	15596674	CHR2:15596674	SSF x Near_LoA	-8,123	0,081	0,298
CHR2	15596679	CHR2:15596679	SSF x Near_LoA	-9,872	0,055	0,289
CHR2	15596689	CHR2:15596689	SSF x Near_LoA	-8,770	-0,123	0,281
CHR2	15596783	CHR2:15596783	SSF x Near_LoA	-8,182	0,045	0,296
CHR2	15596791	CHR2:15596791	SSF x Near_LoA	-8,595	-0,108	0,297
CHR2	15596794	CHR2:15596794	SSF x Near_LoA	-8,207	-0,004	0,290
CHR2	15596856	CHR2:15596856	SSF x Near_LoA	-7,993	0,113	0,276
CHR2	1559722	CHR2:1559722	SSF x Near_LoA	-9,114	0,027	0,295

CHR2	1559842	CHR2:1559842	SSF x Near_LoA	-8,302	0,077	0,295
CHR2	1559862	CHR2:1559862	SSF x Near_LoA	-9,282	0,053	0,280
CHR2	1559959	CHR2:1559959	SSF x Near_LoA	-7,945	-0,046	0,286
CHR2	15600559	CHR2:15600559	SSF x Near_LoA	-7,617	-0,139	0,282
CHR2	15603160	CHR2:15603160	SSF x Near_LoA	-6,082	0,053	0,283
CHR2	15603163	CHR2:15603163	SSF x Near_LoA	-7,639	-0,029	0,267
CHR2	15603169	CHR2:15603169	SSF x Near_LoA	-8,778	-0,061	0,276
CHR2	15603174	CHR2:15603174	SSF x Near_LoA	-6,077	0,054	0,293
CHR2	15619092	CHR2:15619092	SSF x Near_LoA	-10,028	0,003	0,280
CHR2	15619279	CHR2:15619279	SSF x Near_LoA	-7,793	-0,104	0,295
CHR2	15632259	CHR2:15632259	SSF x Near_LoA	-4,086	0,196	0,278
CHR2	15632277	CHR2:15632277	SSF x Near_LoA	-8,670	-0,065	0,283
CHR2	15632362	CHR2:15632362	SSF x Near_LoA	-10,779	0,026	0,291
CHR2	15632387	CHR2:15632387	SSF x Near_LoA	-8,488	-0,067	0,286
CHR2	15641371	CHR2:15641371	SSF x Near_LoA	-6,065	-0,149	0,267
CHR2	15652172	CHR2:15652172	SSF x Near_LoA	-6,933	-0,155	0,296
CHR2	15667546	CHR2:15667546	SSF x Near_LoA	-1,887	-0,170	0,272
CHR2	15696792	CHR2:15696792	SSF x Near_LoA	-8,356	-0,008	0,281
CHR2	15696805	CHR2:15696805	SSF x Near_LoA	-8,938	0,030	0,290
CHR2	15696889	CHR2:15696889	SSF x Near_LoA	-9,738	0,077	0,281
CHR2	15700488	CHR2:15700488	SSF x Near_LoA	-7,330	-0,076	0,293
CHR2	15700640	CHR2:15700640	SSF x Near_LoA	-9,375	-0,094	0,284
CHR2	15714685	CHR2:15714685	SSF x Near_LoA	-8,110	-0,097	0,291
CHR2	15714695	CHR2:15714695	SSF x Near_LoA	2,105	0,252	0,265
CHR2	15714737	CHR2:15714737	SSF x Near_LoA	-5,790	0,172	0,269
CHR2	15714740	CHR2:15714740	SSF x Near_LoA	-9,216	0,038	0,281
CHR2	15714805	CHR2:15714805	SSF x Near_LoA	-7,391	0,111	0,269
CHR2	15743354	CHR2:15743354	SSF x Near_LoA	-7,918	-0,111	0,284
CHR2	15743358	CHR2:15743358	SSF x Near_LoA	-7,019	0,068	0,301
CHR2	15743410	CHR2:15743410	SSF x Near_LoA	-1,048	0,297	0,250
CHR2	15744503	CHR2:15744503	SSF x Near_LoA	-8,778	0,030	0,276
CHR2	15744587	CHR2:15744587	SSF x Near_LoA	-7,573	0,182	0,277
CHR2	15747812	CHR2:15747812	SSF x Near_LoA	-5,610	0,092	0,270
CHR2	15747816	CHR2:15747816	SSF x Near_LoA	-4,607	0,047	0,283
CHR2	15759378	CHR2:15759378	SSF x Near_LoA	-6,182	0,116	0,281
CHR2	15759390	CHR2:15759390	SSF x Near_LoA	-6,912	-0,009	0,291
CHR2	15759449	CHR2:15759449	SSF x Near_LoA	-5,853	-0,141	0,274
CHR2	15759542	CHR2:15759542	SSF x Near_LoA	-8,821	0,011	0,291
CHR2	15762097	CHR2:15762097	SSF x Near_LoA	-4,061	-0,074	0,285
CHR2	15768662	CHR2:15768662	SSF x Near_LoA	-8,689	-0,032	0,296
CHR2	15768694	CHR2:15768694	SSF x Near_LoA	-8,543	0,035	0,292
CHR2	15768695	CHR2:15768695	SSF x Near_LoA	-7,848	0,036	0,293
CHR2	15768706	CHR2:15768706	SSF x Near_LoA	-7,634	-0,023	0,302
CHR2	15768729	CHR2:15768729	SSF x Near_LoA	-7,711	0,016	0,285
CHR2	15768738	CHR2:15768738	SSF x Near_LoA	-8,587	-0,005	0,287
CHR2	15768744	CHR2:15768744	SSF x Near_LoA	-7,235	0,025	0,301
CHR2	15771554	CHR2:15771554	SSF x Near_LoA	-7,905	-0,103	0,292
CHR2	15772270	CHR2:15772270	SSF x Near_LoA	-9,976	0,125	0,275
CHR2	15772361	CHR2:15772361	SSF x Near_LoA	-9,612	-0,120	0,271
CHR2	15793071	CHR2:15793071	SSF x Near_LoA	-4,166	0,119	0,291
CHR2	15801019	CHR2:15801019	SSF x Near_LoA	-7,134	0,104	0,286
CHR2	1580909	CHR2:1580909	SSF x Near_LoA	-6,302	0,113	0,294
CHR2	15810262	CHR2:15810262	SSF x Near_LoA	-6,784	0,046	0,292

CHR2	15810287	CHR2:15810287	SSF x Near_LoA	-8,458	0,056	0,285
CHR2	15810405	CHR2:15810405	SSF x Near_LoA	-7,400	0,113	0,277
CHR2	1581057	CHR2:1581057	SSF x Near_LoA	-10,644	0,011	0,272
CHR2	15816762	CHR2:15816762	SSF x Near_LoA	-9,019	0,012	0,276
CHR2	15816782	CHR2:15816782	SSF x Near_LoA	-8,050	0,028	0,288
CHR2	15816804	CHR2:15816804	SSF x Near_LoA	-9,524	-0,022	0,276
CHR2	15816821	CHR2:15816821	SSF x Near_LoA	-9,756	0,036	0,276
CHR2	15820769	CHR2:15820769	SSF x Near_LoA	-9,183	0,014	0,277
CHR2	15820801	CHR2:15820801	SSF x Near_LoA	-8,969	-0,004	0,284
CHR2	15829829	CHR2:15829829	SSF x Near_LoA	-6,816	-0,108	0,292
CHR2	15829844	CHR2:15829844	SSF x Near_LoA	-7,312	0,167	0,292
CHR2	15829852	CHR2:15829852	SSF x Near_LoA	-6,731	-0,098	0,284
CHR2	15829899	CHR2:15829899	SSF x Near_LoA	-10,369	-0,013	0,290
CHR2	15829905	CHR2:15829905	SSF x Near_LoA	-7,468	0,067	0,305
CHR2	15829986	CHR2:15829986	SSF x Near_LoA	-9,259	-0,048	0,290
CHR2	15830067	CHR2:15830067	SSF x Near_LoA	-9,002	-0,048	0,296
CHR2	15830151	CHR2:15830151	SSF x Near_LoA	-6,132	-0,161	0,275
CHR2	15830155	CHR2:15830155	SSF x Near_LoA	-6,175	0,138	0,284
CHR2	15830160	CHR2:15830160	SSF x Near_LoA	-8,018	-0,057	0,293
CHR2	15832921	CHR2:15832921	SSF x Near_LoA	-9,775	0,029	0,287
CHR2	15832936	CHR2:15832936	SSF x Near_LoA	-6,885	-0,017	0,287
CHR2	15832957	CHR2:15832957	SSF x Near_LoA	-10,332	0,081	0,277
CHR2	15833029	CHR2:15833029	SSF x Near_LoA	-10,733	0,110	0,276
CHR2	15833077	CHR2:15833077	SSF x Near_LoA	-9,712	-0,060	0,293
CHR2	15837075	CHR2:15837075	SSF x Near_LoA	-7,832	0,104	0,274
CHR2	15839720	CHR2:15839720	SSF x Near_LoA	-7,406	0,048	0,290
CHR2	15841176	CHR2:15841176	SSF x Near_LoA	-8,338	0,051	0,269
CHR2	15841227	CHR2:15841227	SSF x Near_LoA	-6,564	-0,097	0,277
CHR2	15841287	CHR2:15841287	SSF x Near_LoA	-6,133	-0,128	0,281
CHR2	15855657	CHR2:15855657	SSF x Near_LoA	-6,232	0,167	0,274
CHR2	15863541	CHR2:15863541	SSF x Near_LoA	-6,665	-0,044	0,270
CHR2	15865843	CHR2:15865843	SSF x Near_LoA	-7,195	0,144	0,285
CHR2	15869033	CHR2:15869033	SSF x Near_LoA	-9,981	0,037	0,287
CHR2	15869103	CHR2:15869103	SSF x Near_LoA	-9,133	-0,053	0,283
CHR2	15869109	CHR2:15869109	SSF x Near_LoA	-7,457	0,120	0,291
CHR2	15872350	CHR2:15872350	SSF x Near_LoA	-5,076	-0,141	0,292
CHR2	15872356	CHR2:15872356	SSF x Near_LoA	-7,250	-0,099	0,288
CHR2	15872359	CHR2:15872359	SSF x Near_LoA	-6,848	-0,100	0,285
CHR2	15872386	CHR2:15872386	SSF x Near_LoA	-7,309	0,083	0,286
CHR2	15872405	CHR2:15872405	SSF x Near_LoA	-8,054	0,095	0,275
CHR2	15872428	CHR2:15872428	SSF x Near_LoA	-7,188	0,138	0,287
CHR2	15872445	CHR2:15872445	SSF x Near_LoA	-6,341	-0,117	0,282
CHR2	15874874	CHR2:15874874	SSF x Near_LoA	-10,818	-0,002	0,290
CHR2	15874979	CHR2:15874979	SSF x Near_LoA	-8,531	-0,035	0,285
CHR2	15874992	CHR2:15874992	SSF x Near_LoA	-7,457	-0,040	0,290
CHR2	15879162	CHR2:15879162	SSF x Near_LoA	-8,882	-0,042	0,285
CHR2	15884283	CHR2:15884283	SSF x Near_LoA	-9,622	0,018	0,276
CHR2	15884350	CHR2:15884350	SSF x Near_LoA	-6,633	0,194	0,286
CHR2	15884464	CHR2:15884464	SSF x Near_LoA	-9,384	-0,028	0,274
CHR2	15884627	CHR2:15884627	SSF x Near_LoA	-7,445	-0,134	0,270
CHR2	15884634	CHR2:15884634	SSF x Near_LoA	-8,726	0,008	0,286
CHR2	15884659	CHR2:15884659	SSF x Near_LoA	-7,131	-0,140	0,294
CHR2	15884689	CHR2:15884689	SSF x Near_LoA	-9,512	-0,081	0,284

CHR2	15891345	CHR2:15891345	SSF x Near_LoA	-11,003	0,114	0,270
CHR2	15894480	CHR2:15894480	SSF x Near_LoA	-10,227	-0,082	0,276
CHR2	15894514	CHR2:15894514	SSF x Near_LoA	-4,348	0,170	0,284
CHR2	15894542	CHR2:15894542	SSF x Near_LoA	-9,497	-0,036	0,273
CHR2	15899049	CHR2:15899049	SSF x Near_LoA	-7,953	-0,060	0,281
CHR2	15899082	CHR2:15899082	SSF x Near_LoA	-7,134	0,025	0,300
CHR2	15906498	CHR2:15906498	SSF x Near_LoA	-10,028	-0,010	0,289
CHR2	15906502	CHR2:15906502	SSF x Near_LoA	-10,142	-0,023	0,282
CHR2	15907361	CHR2:15907361	SSF x Near_LoA	-7,993	-0,031	0,288
CHR2	15907411	CHR2:15907411	SSF x Near_LoA	-8,106	-0,082	0,281
CHR2	15909954	CHR2:15909954	SSF x Near_LoA	-6,517	-0,106	0,293
CHR2	15909980	CHR2:15909980	SSF x Near_LoA	-9,436	0,045	0,278
CHR2	15910712	CHR2:15910712	SSF x Near_LoA	-7,989	-0,009	0,284
CHR2	15913144	CHR2:15913144	SSF x Near_LoA	-6,528	-0,055	0,304
CHR2	15913884	CHR2:15913884	SSF x Near_LoA	-9,029	-0,082	0,292
CHR2	15913890	CHR2:15913890	SSF x Near_LoA	-8,879	-0,056	0,289
CHR2	15913914	CHR2:15913914	SSF x Near_LoA	-6,725	-0,051	0,270
CHR2	15920213	CHR2:15920213	SSF x Near_LoA	-9,848	0,081	0,292
CHR2	15932846	CHR2:15932846	SSF x Near_LoA	-8,348	0,139	0,284
CHR2	15932971	CHR2:15932971	SSF x Near_LoA	-8,542	-0,055	0,285
CHR2	15932985	CHR2:15932985	SSF x Near_LoA	-6,637	-0,158	0,299
CHR2	16002228	CHR2:16002228	SSF x Near_LoA	-9,673	-0,030	0,286
CHR2	16002284	CHR2:16002284	SSF x Near_LoA	-6,824	-0,124	0,257
CHR2	16002503	CHR2:16002503	SSF x Near_LoA	-3,328	0,137	0,277
CHR2	16002577	CHR2:16002577	SSF x Near_LoA	-9,398	-0,104	0,285
CHR2	16049828	CHR2:16049828	SSF x Near_LoA	-8,654	0,001	0,294
CHR2	1605240	CHR2:1605240	SSF x Near_LoA	-9,319	0,091	0,284
CHR2	1605299	CHR2:1605299	SSF x Near_LoA	-10,903	0,013	0,282
CHR2	1605325	CHR2:1605325	SSF x Near_LoA	-6,667	0,121	0,281
CHR2	1605334	CHR2:1605334	SSF x Near_LoA	-6,962	-0,124	0,275
CHR2	1605409	CHR2:1605409	SSF x Near_LoA	-7,192	-0,054	0,278
CHR2	1605435	CHR2:1605435	SSF x Near_LoA	-10,705	0,056	0,282
CHR2	16061313	CHR2:16061313	SSF x Near_LoA	-9,320	-0,061	0,288
CHR2	16061406	CHR2:16061406	SSF x Near_LoA	-6,179	-0,078	0,296
CHR2	16061430	CHR2:16061430	SSF x Near_LoA	-7,866	0,080	0,289
CHR2	16063247	CHR2:16063247	SSF x Near_LoA	-6,110	-0,053	0,281
CHR2	16063251	CHR2:16063251	SSF x Near_LoA	-3,479	-0,216	0,268
CHR2	16063259	CHR2:16063259	SSF x Near_LoA	-10,188	-0,002	0,288
CHR2	16063268	CHR2:16063268	SSF x Near_LoA	-5,304	-0,100	0,278
CHR2	16063365	CHR2:16063365	SSF x Near_LoA	-8,379	-0,033	0,290
CHR2	16087144	CHR2:16087144	SSF x Near_LoA	-8,129	-0,024	0,286
CHR2	16087148	CHR2:16087148	SSF x Near_LoA	-8,710	0,090	0,273
CHR2	16087161	CHR2:16087161	SSF x Near_LoA	-7,666	-0,029	0,288
CHR2	16087198	CHR2:16087198	SSF x Near_LoA	-1,174	0,221	0,278
CHR2	16087203	CHR2:16087203	SSF x Near_LoA	-8,404	0,021	0,265
CHR2	16087208	CHR2:16087208	SSF x Near_LoA	-6,062	-0,166	0,271
CHR2	16087238	CHR2:16087238	SSF x Near_LoA	-7,654	0,042	0,286
CHR2	16087250	CHR2:16087250	SSF x Near_LoA	-8,002	0,043	0,275
CHR2	16087315	CHR2:16087315	SSF x Near_LoA	-8,302	-0,096	0,288
CHR2	16087342	CHR2:16087342	SSF x Near_LoA	-8,673	-0,012	0,282
CHR2	16087350	CHR2:16087350	SSF x Near_LoA	-9,244	0,022	0,297
CHR2	16087371	CHR2:16087371	SSF x Near_LoA	-7,213	-0,061	0,276
CHR2	16087384	CHR2:16087384	SSF x Near_LoA	-9,586	-0,032	0,288

CHR2	16087394	CHR2:16087394	SSF x Near_LoA	-8,498	0,141	0,263
CHR2	16095689	CHR2:16095689	SSF x Near_LoA	-8,248	-0,125	0,274
CHR2	16095704	CHR2:16095704	SSF x Near_LoA	-6,730	0,095	0,287
CHR2	16095717	CHR2:16095717	SSF x Near_LoA	-8,428	-0,106	0,279
CHR2	16095720	CHR2:16095720	SSF x Near_LoA	-9,382	-0,031	0,284
CHR2	16095826	CHR2:16095826	SSF x Near_LoA	-5,703	0,100	0,289
CHR2	16095829	CHR2:16095829	SSF x Near_LoA	-8,156	-0,068	0,285
CHR2	16095904	CHR2:16095904	SSF x Near_LoA	-8,352	-0,083	0,286
CHR2	16095985	CHR2:16095985	SSF x Near_LoA	-7,730	-0,121	0,288
CHR2	16096030	CHR2:16096030	SSF x Near_LoA	-7,797	-0,146	0,278
CHR2	16098124	CHR2:16098124	SSF x Near_LoA	-7,361	-0,070	0,277
CHR2	16098191	CHR2:16098191	SSF x Near_LoA	-6,727	-0,125	0,290
CHR2	16098195	CHR2:16098195	SSF x Near_LoA	-5,884	-0,121	0,284
CHR2	16098890	CHR2:16098890	SSF x Near_LoA	-6,076	-0,048	0,277
CHR2	16113440	CHR2:16113440	SSF x Near_LoA	-7,185	0,067	0,283
CHR2	16113636	CHR2:16113636	SSF x Near_LoA	-5,848	-0,129	0,282
CHR2	16117038	CHR2:16117038	SSF x Near_LoA	-5,448	0,005	0,282
CHR2	16133436	CHR2:16133436	SSF x Near_LoA	-9,328	-0,121	0,290
CHR2	1613712	CHR2:1613712	SSF x Near_LoA	-7,755	0,023	0,270
CHR2	1613791	CHR2:1613791	SSF x Near_LoA	-8,733	0,117	0,283
CHR2	1613810	CHR2:1613810	SSF x Near_LoA	-8,271	0,148	0,277
CHR2	1613836	CHR2:1613836	SSF x Near_LoA	-5,902	0,232	0,275
CHR2	16148331	CHR2:16148331	SSF x Near_LoA	-10,215	0,024	0,287
CHR2	16148359	CHR2:16148359	SSF x Near_LoA	-7,850	0,003	0,290
CHR2	16148364	CHR2:16148364	SSF x Near_LoA	-6,515	-0,220	0,291
CHR2	16148377	CHR2:16148377	SSF x Near_LoA	-5,282	0,126	0,273
CHR2	16148386	CHR2:16148386	SSF x Near_LoA	-7,133	-0,119	0,293
CHR2	16148513	CHR2:16148513	SSF x Near_LoA	-7,294	-0,073	0,266
CHR2	16148574	CHR2:16148574	SSF x Near_LoA	5,261	0,067	0,294
CHR2	16193757	CHR2:16193757	SSF x Near_LoA	-8,253	0,026	0,293
CHR2	16193789	CHR2:16193789	SSF x Near_LoA	-8,173	0,078	0,287
CHR2	16193883	CHR2:16193883	SSF x Near_LoA	-8,488	0,039	0,296
CHR2	16195112	CHR2:16195112	SSF x Near_LoA	-6,433	-0,095	0,285
CHR2	16202692	CHR2:16202692	SSF x Near_LoA	-9,516	-0,059	0,286
CHR2	16202713	CHR2:16202713	SSF x Near_LoA	-6,893	0,116	0,283
CHR2	16217383	CHR2:16217383	SSF x Near_LoA	-3,743	0,182	0,287
CHR2	16224945	CHR2:16224945	SSF x Near_LoA	-9,339	-0,054	0,290
CHR2	16225030	CHR2:16225030	SSF x Near_LoA	-10,282	-0,035	0,293
CHR2	16225051	CHR2:16225051	SSF x Near_LoA	-7,703	0,080	0,292
CHR2	16225055	CHR2:16225055	SSF x Near_LoA	-8,112	-0,150	0,287
CHR2	16225153	CHR2:16225153	SSF x Near_LoA	-8,035	-0,083	0,296
CHR2	16225154	CHR2:16225154	SSF x Near_LoA	-8,735	-0,070	0,295
CHR2	16225175	CHR2:16225175	SSF x Near_LoA	-5,775	-0,124	0,279
CHR2	16228391	CHR2:16228391	SSF x Near_LoA	-8,840	0,019	0,298
CHR2	16243921	CHR2:16243921	SSF x Near_LoA	-6,938	0,049	0,274
CHR2	16243922	CHR2:16243922	SSF x Near_LoA	3,448	0,065	0,280
CHR2	16243927	CHR2:16243927	SSF x Near_LoA	-7,225	0,062	0,288
CHR2	16243938	CHR2:16243938	SSF x Near_LoA	-9,051	0,083	0,269
CHR2	16243995	CHR2:16243995	SSF x Near_LoA	-4,541	-0,183	0,284
CHR2	16243996	CHR2:16243996	SSF x Near_LoA	-4,536	-0,169	0,290
CHR2	16269411	CHR2:16269411	SSF x Near_LoA	-7,463	-0,119	0,286
CHR2	16269437	CHR2:16269437	SSF x Near_LoA	-6,153	-0,182	0,281
CHR2	16269459	CHR2:16269459	SSF x Near_LoA	-6,697	-0,069	0,311

CHR2	16269546	CHR2:16269546	SSF x Near_LoA	-7,527	-0,023	0,301
CHR2	16269554	CHR2:16269554	SSF x Near_LoA	-7,958	0,010	0,287
CHR2	16269566	CHR2:16269566	SSF x Near_LoA	-8,626	-0,141	0,282
CHR2	16269627	CHR2:16269627	SSF x Near_LoA	-7,744	-0,124	0,305
CHR2	1628824	CHR2:1628824	SSF x Near_LoA	-8,218	0,011	0,289
CHR2	16301437	CHR2:16301437	SSF x Near_LoA	-0,272	-0,138	0,294
CHR2	16306854	CHR2:16306854	SSF x Near_LoA	-9,063	-0,082	0,277
CHR2	16306914	CHR2:16306914	SSF x Near_LoA	-7,018	-0,152	0,277
CHR2	16306966	CHR2:16306966	SSF x Near_LoA	-7,615	0,137	0,295
CHR2	16307011	CHR2:16307011	SSF x Near_LoA	-4,264	-0,192	0,278
CHR2	1630935	CHR2:1630935	SSF x Near_LoA	-7,706	0,053	0,268
CHR2	16331080	CHR2:16331080	SSF x Near_LoA	5,938	-0,205	0,273
CHR2	1634778	CHR2:1634778	SSF x Near_LoA	-6,682	-0,048	0,293
CHR2	1634898	CHR2:1634898	SSF x Near_LoA	-6,646	-0,064	0,277
CHR2	16349104	CHR2:16349104	SSF x Near_LoA	-10,278	-0,091	0,271
CHR2	1634918	CHR2:1634918	SSF x Near_LoA	-6,723	-0,102	0,272
CHR2	1634919	CHR2:1634919	SSF x Near_LoA	-6,476	-0,085	0,282
CHR2	16349228	CHR2:16349228	SSF x Near_LoA	4,424	-0,178	0,267
CHR2	16349283	CHR2:16349283	SSF x Near_LoA	-4,878	-0,053	0,290
CHR2	16349307	CHR2:16349307	SSF x Near_LoA	-8,283	-0,003	0,279
CHR2	1634932	CHR2:1634932	SSF x Near_LoA	-8,279	0,120	0,262
CHR2	1634933	CHR2:1634933	SSF x Near_LoA	-5,882	-0,078	0,267
CHR2	16349336	CHR2:16349336	SSF x Near_LoA	-7,571	-0,182	0,278
CHR2	16349337	CHR2:16349337	SSF x Near_LoA	-2,086	-0,215	0,277
CHR2	16349376	CHR2:16349376	SSF x Near_LoA	-7,482	0,008	0,295
CHR2	16357208	CHR2:16357208	SSF x Near_LoA	-7,718	-0,053	0,287
CHR2	16357209	CHR2:16357209	SSF x Near_LoA	-5,071	-0,047	0,279
CHR2	16357214	CHR2:16357214	SSF x Near_LoA	-7,966	-0,079	0,297
CHR2	16357300	CHR2:16357300	SSF x Near_LoA	-9,682	-0,065	0,290
CHR2	16357391	CHR2:16357391	SSF x Near_LoA	-3,509	0,168	0,280
CHR2	16357471	CHR2:16357471	SSF x Near_LoA	-10,216	0,012	0,290
CHR2	16357507	CHR2:16357507	SSF x Near_LoA	-7,676	-0,111	0,279
CHR2	16368077	CHR2:16368077	SSF x Near_LoA	-8,191	0,053	0,287
CHR2	16376015	CHR2:16376015	SSF x Near_LoA	-8,843	0,099	0,291
CHR2	16376062	CHR2:16376062	SSF x Near_LoA	-9,729	-0,029	0,276
CHR2	16376129	CHR2:16376129	SSF x Near_LoA	-9,863	-0,001	0,294
CHR2	16378672	CHR2:16378672	SSF x Near_LoA	-6,552	-0,079	0,285
CHR2	16378679	CHR2:16378679	SSF x Near_LoA	-6,900	-0,164	0,285
CHR2	16378773	CHR2:16378773	SSF x Near_LoA	-3,553	-0,286	0,271
CHR2	16378780	CHR2:16378780	SSF x Near_LoA	-6,500	-0,149	0,291
CHR2	16378954	CHR2:16378954	SSF x Near_LoA	-9,125	0,046	0,300
CHR2	16391053	CHR2:16391053	SSF x Near_LoA	-8,951	-0,021	0,277
CHR2	16391094	CHR2:16391094	SSF x Near_LoA	-9,241	-0,089	0,299
CHR2	16391127	CHR2:16391127	SSF x Near_LoA	-9,435	0,037	0,280
CHR2	16392275	CHR2:16392275	SSF x Near_LoA	0,032	-0,089	0,294
CHR2	16392362	CHR2:16392362	SSF x Near_LoA	-5,848	0,115	0,295
CHR2	16392366	CHR2:16392366	SSF x Near_LoA	-6,540	-0,104	0,291
CHR2	16392405	CHR2:16392405	SSF x Near_LoA	-7,032	0,125	0,265
CHR2	16398988	CHR2:16398988	SSF x Near_LoA	-6,460	0,119	0,279
CHR2	16399058	CHR2:16399058	SSF x Near_LoA	-9,160	-0,016	0,279
CHR2	16399060	CHR2:16399060	SSF x Near_LoA	-8,414	-0,030	0,282
CHR2	16399311	CHR2:16399311	SSF x Near_LoA	-6,688	0,042	0,299
CHR2	16403875	CHR2:16403875	SSF x Near_LoA	-7,198	0,066	0,310

CHR2	16407050	CHR2:16407050	SSF x Near_LoA	-6,138	0,213	0,266
CHR2	16417534	CHR2:16417534	SSF x Near_LoA	-10,118	-0,014	0,290
CHR2	16417583	CHR2:16417583	SSF x Near_LoA	-7,848	0,141	0,260
CHR2	16417603	CHR2:16417603	SSF x Near_LoA	-3,112	0,201	0,257
CHR2	16420835	CHR2:16420835	SSF x Near_LoA	-7,282	-0,086	0,288
CHR2	16421026	CHR2:16421026	SSF x Near_LoA	-3,537	-0,144	0,277
CHR2	16421092	CHR2:16421092	SSF x Near_LoA	-8,396	0,005	0,289
CHR2	16425326	CHR2:16425326	SSF x Near_LoA	-7,299	-0,004	0,294
CHR2	16425339	CHR2:16425339	SSF x Near_LoA	-7,588	0,095	0,289
CHR2	16425344	CHR2:16425344	SSF x Near_LoA	-6,920	-0,069	0,295
CHR2	16475060	CHR2:16475060	SSF x Near_LoA	-4,047	0,116	0,296
CHR2	16475895	CHR2:16475895	SSF x Near_LoA	-10,040	0,087	0,285
CHR2	16479234	CHR2:16479234	SSF x Near_LoA	-10,337	-0,070	0,269
CHR2	16479314	CHR2:16479314	SSF x Near_LoA	-7,789	0,001	0,281
CHR2	16479372	CHR2:16479372	SSF x Near_LoA	-8,197	0,002	0,276
CHR2	16488938	CHR2:16488938	SSF x Near_LoA	-9,917	0,059	0,294
CHR2	16504061	CHR2:16504061	SSF x Near_LoA	-8,310	-0,035	0,294
CHR2	16505464	CHR2:16505464	SSF x Near_LoA	-8,964	0,065	0,294
CHR2	16505503	CHR2:16505503	SSF x Near_LoA	-9,337	0,001	0,282
CHR2	16524007	CHR2:16524007	SSF x Near_LoA	-11,200	-0,026	0,278
CHR2	16527542	CHR2:16527542	SSF x Near_LoA	-9,785	0,011	0,289
CHR2	16527631	CHR2:16527631	SSF x Near_LoA	-4,177	0,120	0,288
CHR2	16536642	CHR2:16536642	SSF x Near_LoA	-9,209	0,086	0,293
CHR2	16536891	CHR2:16536891	SSF x Near_LoA	-7,959	0,052	0,288
CHR2	16536944	CHR2:16536944	SSF x Near_LoA	-11,162	-0,016	0,279
CHR2	16537029	CHR2:16537029	SSF x Near_LoA	-9,582	0,014	0,280
CHR2	16540869	CHR2:16540869	SSF x Near_LoA	-9,407	0,077	0,286
CHR2	16540897	CHR2:16540897	SSF x Near_LoA	-8,022	0,131	0,294
CHR2	16540952	CHR2:16540952	SSF x Near_LoA	-3,862	-0,212	0,269
CHR2	1654274	CHR2:1654274	SSF x Near_LoA	-7,232	0,092	0,284
CHR2	1654294	CHR2:1654294	SSF x Near_LoA	-5,749	0,151	0,282
CHR2	16556453	CHR2:16556453	SSF x Near_LoA	-8,266	0,095	0,294
CHR2	16556642	CHR2:16556642	SSF x Near_LoA	-7,445	-0,037	0,288
CHR2	16557480	CHR2:16557480	SSF x Near_LoA	-8,634	-0,013	0,277
CHR2	16557529	CHR2:16557529	SSF x Near_LoA	-10,101	-0,018	0,265
CHR2	16565546	CHR2:16565546	SSF x Near_LoA	-7,484	0,131	0,302
CHR2	16565581	CHR2:16565581	SSF x Near_LoA	-7,676	-0,090	0,302
CHR2	16565887	CHR2:16565887	SSF x Near_LoA	-2,920	-0,224	0,279
CHR2	16572536	CHR2:16572536	SSF x Near_LoA	-7,461	0,108	0,274
CHR2	16574494	CHR2:16574494	SSF x Near_LoA	-9,017	-0,145	0,273
CHR2	16574535	CHR2:16574535	SSF x Near_LoA	-3,122	0,228	0,270
CHR2	16574593	CHR2:16574593	SSF x Near_LoA	-2,396	-0,244	0,271
CHR2	16574607	CHR2:16574607	SSF x Near_LoA	-7,245	0,099	0,273
CHR2	16574683	CHR2:16574683	SSF x Near_LoA	-8,971	-0,100	0,290
CHR2	16590539	CHR2:16590539	SSF x Near_LoA	-9,911	0,049	0,289
CHR2	16590809	CHR2:16590809	SSF x Near_LoA	-4,931	0,177	0,282
CHR2	16592063	CHR2:16592063	SSF x Near_LoA	-9,429	-0,014	0,268
CHR2	16598583	CHR2:16598583	SSF x Near_LoA	-6,584	-0,168	0,267
CHR2	16598644	CHR2:16598644	SSF x Near_LoA	-6,668	-0,112	0,276
CHR2	16598696	CHR2:16598696	SSF x Near_LoA	-9,058	-0,005	0,276
CHR2	16598715	CHR2:16598715	SSF x Near_LoA	-8,999	0,050	0,284
CHR2	16598717	CHR2:16598717	SSF x Near_LoA	-8,834	0,045	0,279
CHR2	16601200	CHR2:16601200	SSF x Near_LoA	4,019	-0,260	0,254

CHR2	16601369	CHR2:16601369	SSF x Near_LoA	-7,012	0,121	0,297
CHR2	16601580	CHR2:16601580	SSF x Near_LoA	-8,968	-0,120	0,289
CHR2	16601612	CHR2:16601612	SSF x Near_LoA	-10,262	-0,048	0,274
CHR2	16624178	CHR2:16624178	SSF x Near_LoA	-5,664	-0,179	0,287
CHR2	16624215	CHR2:16624215	SSF x Near_LoA	-7,441	0,148	0,273
CHR2	16624225	CHR2:16624225	SSF x Near_LoA	-8,602	0,066	0,296
CHR2	16627133	CHR2:16627133	SSF x Near_LoA	-6,234	0,068	0,296
CHR2	16627135	CHR2:16627135	SSF x Near_LoA	-7,820	0,040	0,281
CHR2	16627146	CHR2:16627146	SSF x Near_LoA	-8,316	0,033	0,294
CHR2	16627220	CHR2:16627220	SSF x Near_LoA	-6,194	0,069	0,285
CHR2	16627235	CHR2:16627235	SSF x Near_LoA	0,797	0,156	0,273
CHR2	16627272	CHR2:16627272	SSF x Near_LoA	-7,395	0,077	0,298
CHR2	16627313	CHR2:16627313	SSF x Near_LoA	-7,597	0,042	0,290
CHR2	16627326	CHR2:16627326	SSF x Near_LoA	-2,695	0,061	0,284
CHR2	16627328	CHR2:16627328	SSF x Near_LoA	-5,772	-0,137	0,283
CHR2	16627334	CHR2:16627334	SSF x Near_LoA	-7,011	-0,058	0,295
CHR2	16641354	CHR2:16641354	SSF x Near_LoA	-8,097	0,104	0,277
CHR2	16641450	CHR2:16641450	SSF x Near_LoA	-6,485	-0,034	0,297
CHR2	16646241	CHR2:16646241	SSF x Near_LoA	-3,758	-0,156	0,273
CHR2	16646247	CHR2:16646247	SSF x Near_LoA	-6,542	-0,110	0,280
CHR2	16646256	CHR2:16646256	SSF x Near_LoA	-6,534	0,084	0,287
CHR2	16646266	CHR2:16646266	SSF x Near_LoA	-7,034	-0,104	0,293
CHR2	16646278	CHR2:16646278	SSF x Near_LoA	-5,849	-0,119	0,283
CHR2	16646347	CHR2:16646347	SSF x Near_LoA	-7,498	0,100	0,296
CHR2	16646357	CHR2:16646357	SSF x Near_LoA	-8,730	-0,039	0,305
CHR2	16646360	CHR2:16646360	SSF x Near_LoA	-8,430	0,014	0,310
CHR2	16646363	CHR2:16646363	SSF x Near_LoA	-8,580	0,018	0,298
CHR2	16650260	CHR2:16650260	SSF x Near_LoA	-10,109	0,125	0,279
CHR2	16650562	CHR2:16650562	SSF x Near_LoA	-8,739	0,048	0,295
CHR2	16657201	CHR2:16657201	SSF x Near_LoA	-7,743	-0,049	0,290
CHR2	16657203	CHR2:16657203	SSF x Near_LoA	-4,799	-0,153	0,274
CHR2	16657382	CHR2:16657382	SSF x Near_LoA	-7,225	0,092	0,292
CHR2	16657395	CHR2:16657395	SSF x Near_LoA	-6,679	-0,041	0,298
CHR2	16657426	CHR2:16657426	SSF x Near_LoA	-8,594	-0,022	0,292
CHR2	16657434	CHR2:16657434	SSF x Near_LoA	-6,314	-0,094	0,296
CHR2	16657512	CHR2:16657512	SSF x Near_LoA	-6,844	0,063	0,292
CHR2	16660433	CHR2:16660433	SSF x Near_LoA	-7,531	0,124	0,291
CHR2	16661816	CHR2:16661816	SSF x Near_LoA	-7,534	0,110	0,277
CHR2	16661847	CHR2:16661847	SSF x Near_LoA	-10,467	-0,021	0,282
CHR2	16661848	CHR2:16661848	SSF x Near_LoA	-10,271	-0,020	0,279
CHR2	16661862	CHR2:16661862	SSF x Near_LoA	-4,291	-0,097	0,274
CHR2	16661863	CHR2:16661863	SSF x Near_LoA	-9,216	0,064	0,283
CHR2	16684425	CHR2:16684425	SSF x Near_LoA	-6,744	-0,102	0,298
CHR2	16684635	CHR2:16684635	SSF x Near_LoA	-7,111	0,018	0,291
CHR2	16685775	CHR2:16685775	SSF x Near_LoA	-8,071	0,002	0,270
CHR2	16685786	CHR2:16685786	SSF x Near_LoA	-8,075	0,016	0,276
CHR2	16685845	CHR2:16685845	SSF x Near_LoA	-10,306	-0,031	0,286
CHR2	16685851	CHR2:16685851	SSF x Near_LoA	-8,225	-0,007	0,274
CHR2	16685869	CHR2:16685869	SSF x Near_LoA	-8,388	-0,030	0,294
CHR2	16685970	CHR2:16685970	SSF x Near_LoA	-6,411	0,148	0,298
CHR2	16685972	CHR2:16685972	SSF x Near_LoA	-2,504	0,147	0,299
CHR2	16690741	CHR2:16690741	SSF x Near_LoA	5,382	0,254	0,272
CHR2	16690787	CHR2:16690787	SSF x Near_LoA	-9,608	-0,116	0,287

CHR2	16690805	CHR2:16690805	SSF x Near_LoA	-5,982	0,231	0,289
CHR2	16706548	CHR2:16706548	SSF x Near_LoA	-9,480	-0,012	0,285
CHR2	16706612	CHR2:16706612	SSF x Near_LoA	-11,179	-0,015	0,279
CHR2	16706625	CHR2:16706625	SSF x Near_LoA	-6,999	-0,034	0,280
CHR2	16706627	CHR2:16706627	SSF x Near_LoA	-6,967	-0,031	0,281
CHR2	16728425	CHR2:16728425	SSF x Near_LoA	-7,857	-0,014	0,287
CHR2	16728445	CHR2:16728445	SSF x Near_LoA	-7,658	0,028	0,298
CHR2	16728448	CHR2:16728448	SSF x Near_LoA	-8,500	0,067	0,299
CHR2	16728460	CHR2:16728460	SSF x Near_LoA	-9,331	0,046	0,278
CHR2	16728471	CHR2:16728471	SSF x Near_LoA	-7,362	0,116	0,292
CHR2	16750785	CHR2:16750785	SSF x Near_LoA	-2,462	-0,203	0,274
CHR2	16752261	CHR2:16752261	SSF x Near_LoA	-6,396	0,157	0,278
CHR2	16752293	CHR2:16752293	SSF x Near_LoA	-6,266	-0,113	0,274
CHR2	16752300	CHR2:16752300	SSF x Near_LoA	-7,344	-0,001	0,287
CHR2	16752323	CHR2:16752323	SSF x Near_LoA	-7,866	0,033	0,298
CHR2	16752328	CHR2:16752328	SSF x Near_LoA	-9,344	-0,098	0,280
CHR2	16766372	CHR2:16766372	SSF x Near_LoA	-6,834	-0,148	0,283
CHR2	16766567	CHR2:16766567	SSF x Near_LoA	-5,998	0,182	0,274
CHR2	16766615	CHR2:16766615	SSF x Near_LoA	-9,796	-0,046	0,293
CHR2	16767178	CHR2:16767178	SSF x Near_LoA	-7,582	-0,032	0,300
CHR2	16767234	CHR2:16767234	SSF x Near_LoA	-7,475	-0,078	0,282
CHR2	16767330	CHR2:16767330	SSF x Near_LoA	-6,844	-0,011	0,289
CHR2	1676813	CHR2:1676813	SSF x Near_LoA	-6,497	0,019	0,299
CHR2	16773886	CHR2:16773886	SSF x Near_LoA	-6,362	0,172	0,273
CHR2	16773929	CHR2:16773929	SSF x Near_LoA	-10,058	0,004	0,282
CHR2	16777508	CHR2:16777508	SSF x Near_LoA	-7,250	0,193	0,276
CHR2	16777524	CHR2:16777524	SSF x Near_LoA	-8,942	-0,056	0,288
CHR2	16777790	CHR2:16777790	SSF x Near_LoA	-9,517	-0,006	0,300
CHR2	16784882	CHR2:16784882	SSF x Near_LoA	-7,651	0,154	0,267
CHR2	16784885	CHR2:16784885	SSF x Near_LoA	-8,026	-0,070	0,284
CHR2	16784922	CHR2:16784922	SSF x Near_LoA	-5,546	-0,135	0,292
CHR2	16784954	CHR2:16784954	SSF x Near_LoA	-8,626	-0,102	0,270
CHR2	16784977	CHR2:16784977	SSF x Near_LoA	-8,885	-0,164	0,287
CHR2	16785020	CHR2:16785020	SSF x Near_LoA	-6,279	0,078	0,286
CHR2	16798457	CHR2:16798457	SSF x Near_LoA	-3,909	0,188	0,281
CHR2	16798484	CHR2:16798484	SSF x Near_LoA	-5,630	0,239	0,267
CHR2	16798501	CHR2:16798501	SSF x Near_LoA	-4,959	0,214	0,271
CHR2	16798597	CHR2:16798597	SSF x Near_LoA	-4,157	-0,202	0,273
CHR2	16798612	CHR2:16798612	SSF x Near_LoA	-6,176	0,088	0,277
CHR2	16798739	CHR2:16798739	SSF x Near_LoA	-9,420	0,046	0,289
CHR2	16808127	CHR2:16808127	SSF x Near_LoA	-6,837	-0,099	0,273
CHR2	16808196	CHR2:16808196	SSF x Near_LoA	-8,792	-0,020	0,270
CHR2	16808244	CHR2:16808244	SSF x Near_LoA	-6,999	-0,107	0,290
CHR2	16810923	CHR2:16810923	SSF x Near_LoA	-6,950	0,159	0,282
CHR2	16813012	CHR2:16813012	SSF x Near_LoA	-7,857	-0,012	0,297
CHR2	16813019	CHR2:16813019	SSF x Near_LoA	-9,774	-0,021	0,304
CHR2	16815412	CHR2:16815412	SSF x Near_LoA	-7,943	-0,066	0,285
CHR2	16815622	CHR2:16815622	SSF x Near_LoA	-9,130	-0,064	0,282
CHR2	16818318	CHR2:16818318	SSF x Near_LoA	-10,078	-0,044	0,303
CHR2	16818551	CHR2:16818551	SSF x Near_LoA	-4,678	-0,129	0,286
CHR2	16818641	CHR2:16818641	SSF x Near_LoA	3,072	0,161	0,283
CHR2	16834718	CHR2:16834718	SSF x Near_LoA	-8,613	-0,037	0,283
CHR2	16835155	CHR2:16835155	SSF x Near_LoA	-7,577	0,058	0,298

CHR2	16843233	CHR2:16843233	SSF x Near_LoA	-7,680	0,047	0,301
CHR2	16871725	CHR2:16871725	SSF x Near_LoA	-7,400	-0,056	0,283
CHR2	16872070	CHR2:16872070	SSF x Near_LoA	-7,368	-0,060	0,281
CHR2	16876600	CHR2:16876600	SSF x Near_LoA	-5,357	0,071	0,291
CHR2	16876646	CHR2:16876646	SSF x Near_LoA	-9,173	0,121	0,282
CHR2	16876662	CHR2:16876662	SSF x Near_LoA	-10,591	0,055	0,289
CHR2	16876679	CHR2:16876679	SSF x Near_LoA	-6,791	-0,057	0,289
CHR2	16876746	CHR2:16876746	SSF x Near_LoA	-1,940	0,251	0,261
CHR2	16876774	CHR2:16876774	SSF x Near_LoA	-8,924	0,020	0,291
CHR2	16876846	CHR2:16876846	SSF x Near_LoA	-6,200	-0,106	0,290
CHR2	16876865	CHR2:16876865	SSF x Near_LoA	-9,805	-0,050	0,295
CHR2	16876870	CHR2:16876870	SSF x Near_LoA	-7,861	-0,076	0,279
CHR2	16896401	CHR2:16896401	SSF x Near_LoA	-8,860	-0,017	0,292
CHR2	16896402	CHR2:16896402	SSF x Near_LoA	-7,738	-0,040	0,283
CHR2	16900271	CHR2:16900271	SSF x Near_LoA	-9,163	0,034	0,292
CHR2	16900275	CHR2:16900275	SSF x Near_LoA	-7,821	0,031	0,267
CHR2	16900486	CHR2:16900486	SSF x Near_LoA	-6,480	-0,097	0,280
CHR2	16900550	CHR2:16900550	SSF x Near_LoA	-6,494	0,103	0,287
CHR2	16900559	CHR2:16900559	SSF x Near_LoA	-5,972	-0,142	0,274
CHR2	16900606	CHR2:16900606	SSF x Near_LoA	-5,659	0,107	0,269
CHR2	16911465	CHR2:16911465	SSF x Near_LoA	-9,419	0,057	0,293
CHR2	16911503	CHR2:16911503	SSF x Near_LoA	-8,915	0,081	0,277
CHR2	16911510	CHR2:16911510	SSF x Near_LoA	-5,681	-0,135	0,288
CHR2	16911814	CHR2:16911814	SSF x Near_LoA	-7,471	0,109	0,282
CHR2	1691372	CHR2:1691372	SSF x Near_LoA	-7,848	0,018	0,293
CHR2	1691389	CHR2:1691389	SSF x Near_LoA	-8,753	-0,037	0,302
CHR2	1691391	CHR2:1691391	SSF x Near_LoA	-8,712	-0,003	0,272
CHR2	16914267	CHR2:16914267	SSF x Near_LoA	-3,133	0,288	0,273
CHR2	16914272	CHR2:16914272	SSF x Near_LoA	-8,058	0,175	0,295
CHR2	16914321	CHR2:16914321	SSF x Near_LoA	-5,919	-0,093	0,289
CHR2	16914329	CHR2:16914329	SSF x Near_LoA	-7,176	-0,058	0,282
CHR2	1691434	CHR2:1691434	SSF x Near_LoA	-8,536	-0,013	0,263
CHR2	16914344	CHR2:16914344	SSF x Near_LoA	-8,587	-0,166	0,275
CHR2	16914377	CHR2:16914377	SSF x Near_LoA	-9,831	0,008	0,279
CHR2	16914394	CHR2:16914394	SSF x Near_LoA	-5,353	0,184	0,276
CHR2	16914458	CHR2:16914458	SSF x Near_LoA	-9,004	0,120	0,279
CHR2	16914472	CHR2:16914472	SSF x Near_LoA	-5,288	0,218	0,289
CHR2	1691465	CHR2:1691465	SSF x Near_LoA	-7,450	-0,081	0,289
CHR2	1691468	CHR2:1691468	SSF x Near_LoA	-9,510	-0,044	0,281
CHR2	16917183	CHR2:16917183	SSF x Near_LoA	-8,374	-0,005	0,289
CHR2	16917186	CHR2:16917186	SSF x Near_LoA	-9,303	-0,076	0,280
CHR2	16917279	CHR2:16917279	SSF x Near_LoA	-8,314	-0,010	0,299
CHR2	16917358	CHR2:16917358	SSF x Near_LoA	2,828	-0,160	0,263
CHR2	16917373	CHR2:16917373	SSF x Near_LoA	-10,508	-0,067	0,288
CHR2	16917376	CHR2:16917376	SSF x Near_LoA	-8,597	-0,066	0,286
CHR2	1691755	CHR2:1691755	SSF x Near_LoA	-6,794	-0,132	0,289
CHR2	16936178	CHR2:16936178	SSF x Near_LoA	-8,223	-0,088	0,290
CHR2	16936203	CHR2:16936203	SSF x Near_LoA	-3,731	0,198	0,267
CHR2	16936205	CHR2:16936205	SSF x Near_LoA	-4,654	-0,010	0,291
CHR2	16936281	CHR2:16936281	SSF x Near_LoA	-6,593	0,001	0,291
CHR2	16943096	CHR2:16943096	SSF x Near_LoA	-8,207	-0,060	0,286
CHR2	16943177	CHR2:16943177	SSF x Near_LoA	-7,929	-0,006	0,277
CHR2	16943207	CHR2:16943207	SSF x Near_LoA	-7,171	-0,065	0,296

CHR2	16943208	CHR2:16943208	SSF x Near_LoA	-7,105	-0,067	0,284
CHR2	16943264	CHR2:16943264	SSF x Near_LoA	-6,608	-0,152	0,281
CHR2	16955174	CHR2:16955174	SSF x Near_LoA	-9,697	-0,071	0,284
CHR2	16955842	CHR2:16955842	SSF x Near_LoA	-9,727	0,050	0,293
CHR2	16955959	CHR2:16955959	SSF x Near_LoA	0,479	0,126	0,276
CHR2	16957851	CHR2:16957851	SSF x Near_LoA	-7,402	-0,106	0,278
CHR2	16957867	CHR2:16957867	SSF x Near_LoA	-9,729	0,040	0,268
CHR2	16957933	CHR2:16957933	SSF x Near_LoA	-7,957	0,039	0,296
CHR2	16958036	CHR2:16958036	SSF x Near_LoA	-8,070	-0,022	0,284
CHR2	16958037	CHR2:16958037	SSF x Near_LoA	-8,540	0,121	0,281
CHR2	16958038	CHR2:16958038	SSF x Near_LoA	-7,952	-0,011	0,285
CHR2	16961045	CHR2:16961045	SSF x Near_LoA	-8,011	0,018	0,297
CHR2	16965354	CHR2:16965354	SSF x Near_LoA	-7,730	0,083	0,294
CHR2	16965398	CHR2:16965398	SSF x Near_LoA	7,499	-0,171	0,286
CHR2	16965498	CHR2:16965498	SSF x Near_LoA	-8,309	0,024	0,276
CHR2	16965499	CHR2:16965499	SSF x Near_LoA	-6,264	0,037	0,288
CHR2	16965523	CHR2:16965523	SSF x Near_LoA	-8,748	0,008	0,286
CHR2	16965527	CHR2:16965527	SSF x Near_LoA	-8,684	0,029	0,276
CHR2	16965536	CHR2:16965536	SSF x Near_LoA	-9,013	0,010	0,280
CHR2	16965539	CHR2:16965539	SSF x Near_LoA	-8,669	0,056	0,279
CHR2	16965555	CHR2:16965555	SSF x Near_LoA	-9,569	-0,033	0,291
CHR2	16965576	CHR2:16965576	SSF x Near_LoA	-7,605	0,156	0,280
CHR2	16965577	CHR2:16965577	SSF x Near_LoA	-10,731	-0,034	0,277
CHR2	16965583	CHR2:16965583	SSF x Near_LoA	-7,214	-0,004	0,294
CHR2	16974156	CHR2:16974156	SSF x Near_LoA	-7,835	-0,037	0,280
CHR2	16974178	CHR2:16974178	SSF x Near_LoA	-9,437	-0,128	0,283
CHR2	16974243	CHR2:16974243	SSF x Near_LoA	-10,583	-0,083	0,276
CHR2	16974257	CHR2:16974257	SSF x Near_LoA	-3,967	-0,221	0,277
CHR2	16974259	CHR2:16974259	SSF x Near_LoA	-4,552	0,202	0,281
CHR2	16974322	CHR2:16974322	SSF x Near_LoA	-7,378	-0,103	0,293
CHR2	16974328	CHR2:16974328	SSF x Near_LoA	-9,519	0,033	0,292
CHR2	16983169	CHR2:16983169	SSF x Near_LoA	-5,606	-0,183	0,276
CHR2	16983173	CHR2:16983173	SSF x Near_LoA	-8,492	0,038	0,272
CHR2	16983184	CHR2:16983184	SSF x Near_LoA	-5,762	0,080	0,297
CHR2	16983229	CHR2:16983229	SSF x Near_LoA	-7,790	0,106	0,282
CHR2	16983337	CHR2:16983337	SSF x Near_LoA	-9,896	0,021	0,292
CHR2	16983341	CHR2:16983341	SSF x Near_LoA	-7,454	0,008	0,301
CHR2	16983403	CHR2:16983403	SSF x Near_LoA	-8,275	-0,080	0,284
CHR2	16983441	CHR2:16983441	SSF x Near_LoA	-7,669	-0,091	0,277
CHR2	16983449	CHR2:16983449	SSF x Near_LoA	-8,383	-0,035	0,286
CHR2	16983456	CHR2:16983456	SSF x Near_LoA	-9,653	-0,039	0,283
CHR2	16985415	CHR2:16985415	SSF x Near_LoA	-8,074	0,034	0,287
CHR2	16985420	CHR2:16985420	SSF x Near_LoA	-8,006	0,010	0,289
CHR2	16985423	CHR2:16985423	SSF x Near_LoA	-7,660	-0,076	0,295
CHR2	16985471	CHR2:16985471	SSF x Near_LoA	-5,690	0,119	0,278
CHR2	16985483	CHR2:16985483	SSF x Near_LoA	-8,923	0,012	0,282
CHR2	16985496	CHR2:16985496	SSF x Near_LoA	-6,439	0,060	0,286
CHR2	16985562	CHR2:16985562	SSF x Near_LoA	-9,325	0,023	0,265
CHR2	16985698	CHR2:16985698	SSF x Near_LoA	-9,472	0,057	0,281
CHR2	16994474	CHR2:16994474	SSF x Near_LoA	-8,121	0,059	0,296
CHR2	16994486	CHR2:16994486	SSF x Near_LoA	-6,908	0,160	0,300
CHR2	16994638	CHR2:16994638	SSF x Near_LoA	-5,521	-0,179	0,277
CHR2	16994651	CHR2:16994651	SSF x Near_LoA	-6,687	0,051	0,296

CHR2	17008313	CHR2:17008313	SSF x Near_LoA	-7,193	0,066	0,288
CHR2	17008314	CHR2:17008314	SSF x Near_LoA	-7,427	0,055	0,290
CHR2	17008925	CHR2:17008925	SSF x Near_LoA	-6,573	0,136	0,288
CHR2	17008980	CHR2:17008980	SSF x Near_LoA	-10,156	-0,034	0,291
CHR2	17015621	CHR2:17015621	SSF x Near_LoA	-6,192	-0,172	0,291
CHR2	17015788	CHR2:17015788	SSF x Near_LoA	-9,631	0,069	0,275
CHR2	17015795	CHR2:17015795	SSF x Near_LoA	-7,765	0,010	0,288
CHR2	17015850	CHR2:17015850	SSF x Near_LoA	-4,846	-0,052	0,291
CHR2	17027150	CHR2:17027150	SSF x Near_LoA	-9,117	0,113	0,281
CHR2	17027232	CHR2:17027232	SSF x Near_LoA	-9,208	-0,078	0,276
CHR2	1704601	CHR2:1704601	SSF x Near_LoA	-9,010	-0,080	0,285
CHR2	17070396	CHR2:17070396	SSF x Near_LoA	-7,703	0,052	0,281
CHR2	17078129	CHR2:17078129	SSF x Near_LoA	-9,842	0,006	0,278
CHR2	17128711	CHR2:17128711	SSF x Near_LoA	-8,697	0,085	0,296
CHR2	1713006	CHR2:1713006	SSF x Near_LoA	-9,306	-0,007	0,286
CHR2	1713026	CHR2:1713026	SSF x Near_LoA	-5,665	-0,069	0,307
CHR2	1713159	CHR2:1713159	SSF x Near_LoA	-10,675	0,026	0,285
CHR2	17131676	CHR2:17131676	SSF x Near_LoA	-2,733	-0,193	0,296
CHR2	17133706	CHR2:17133706	SSF x Near_LoA	-9,642	-0,063	0,284
CHR2	17151435	CHR2:17151435	SSF x Near_LoA	-10,171	0,018	0,306
CHR2	17159710	CHR2:17159710	SSF x Near_LoA	-8,476	0,018	0,293
CHR2	17159728	CHR2:17159728	SSF x Near_LoA	-6,170	0,116	0,293
CHR2	17159787	CHR2:17159787	SSF x Near_LoA	-5,266	-0,180	0,281
CHR2	17159808	CHR2:17159808	SSF x Near_LoA	-7,093	0,152	0,267
CHR2	17159838	CHR2:17159838	SSF x Near_LoA	-6,458	0,171	0,273
CHR2	17159857	CHR2:17159857	SSF x Near_LoA	-6,949	0,149	0,277
CHR2	17159878	CHR2:17159878	SSF x Near_LoA	-10,144	-0,005	0,291
CHR2	17159982	CHR2:17159982	SSF x Near_LoA	-8,178	-0,012	0,280
CHR2	17160032	CHR2:17160032	SSF x Near_LoA	-7,011	-0,081	0,285
CHR2	17160045	CHR2:17160045	SSF x Near_LoA	-5,403	-0,059	0,281
CHR2	17175635	CHR2:17175635	SSF x Near_LoA	-10,194	-0,020	0,299
CHR2	17180524	CHR2:17180524	SSF x Near_LoA	-5,408	-0,148	0,289
CHR2	17180525	CHR2:17180525	SSF x Near_LoA	-9,381	0,085	0,278
CHR2	17180651	CHR2:17180651	SSF x Near_LoA	-7,424	-0,115	0,279
CHR2	17190378	CHR2:17190378	SSF x Near_LoA	-7,822	0,052	0,297
CHR2	17190442	CHR2:17190442	SSF x Near_LoA	-10,142	0,022	0,294
CHR2	17190464	CHR2:17190464	SSF x Near_LoA	-8,983	0,035	0,278
CHR2	17190475	CHR2:17190475	SSF x Near_LoA	-5,822	-0,097	0,279
CHR2	17190539	CHR2:17190539	SSF x Near_LoA	-7,298	-0,099	0,295
CHR2	17199498	CHR2:17199498	SSF x Near_LoA	-8,949	0,089	0,286
CHR2	17199664	CHR2:17199664	SSF x Near_LoA	-8,279	0,127	0,281
CHR2	17199680	CHR2:17199680	SSF x Near_LoA	-4,872	0,135	0,266
CHR2	17199760	CHR2:17199760	SSF x Near_LoA	-6,951	0,119	0,280
CHR2	17199820	CHR2:17199820	SSF x Near_LoA	-8,728	-0,023	0,281
CHR2	1722124	CHR2:1722124	SSF x Near_LoA	-5,389	0,019	0,302
CHR2	1722461	CHR2:1722461	SSF x Near_LoA	-6,913	-0,106	0,293
CHR2	17229770	CHR2:17229770	SSF x Near_LoA	-7,960	0,098	0,284
CHR2	17229807	CHR2:17229807	SSF x Near_LoA	-6,814	-0,056	0,292
CHR2	17253378	CHR2:17253378	SSF x Near_LoA	-6,627	0,100	0,270
CHR2	17258533	CHR2:17258533	SSF x Near_LoA	-5,700	-0,123	0,290
CHR2	17264469	CHR2:17264469	SSF x Near_LoA	-6,243	0,083	0,292
CHR2	17264505	CHR2:17264505	SSF x Near_LoA	-8,395	0,044	0,293
CHR2	17323748	CHR2:17323748	SSF x Near_LoA	-10,556	0,022	0,284

CHR2	17391208	CHR2:17391208	SSF x Near_LoA	-7,061	-0,044	0,283
CHR2	17391209	CHR2:17391209	SSF x Near_LoA	-6,680	0,010	0,289
CHR2	17398250	CHR2:17398250	SSF x Near_LoA	-8,064	-0,163	0,280
CHR2	17398367	CHR2:17398367	SSF x Near_LoA	-7,625	-0,041	0,294
CHR2	17411110	CHR2:17411110	SSF x Near_LoA	-5,723	0,216	0,269
CHR2	17411169	CHR2:17411169	SSF x Near_LoA	-8,338	-0,062	0,288
CHR2	1741389	CHR2:1741389	SSF x Near_LoA	-8,857	0,064	0,285
CHR2	17432956	CHR2:17432956	SSF x Near_LoA	-7,812	0,099	0,280
CHR2	17460146	CHR2:17460146	SSF x Near_LoA	-9,306	0,040	0,282
CHR2	17460310	CHR2:17460310	SSF x Near_LoA	-7,459	0,141	0,256
CHR2	17461278	CHR2:17461278	SSF x Near_LoA	-8,424	0,131	0,290
CHR2	17471095	CHR2:17471095	SSF x Near_LoA	-10,561	0,002	0,291
CHR2	17477619	CHR2:17477619	SSF x Near_LoA	-9,321	0,031	0,289
CHR2	17477706	CHR2:17477706	SSF x Near_LoA	-8,065	-0,061	0,277
CHR2	17477757	CHR2:17477757	SSF x Near_LoA	-9,886	0,081	0,288
CHR2	17477790	CHR2:17477790	SSF x Near_LoA	-6,285	0,051	0,282
CHR2	17482643	CHR2:17482643	SSF x Near_LoA	-10,642	-0,017	0,271
CHR2	17492850	CHR2:17492850	SSF x Near_LoA	-3,690	-0,053	0,299
CHR2	17493265	CHR2:17493265	SSF x Near_LoA	-6,531	0,184	0,278
CHR2	1754681	CHR2:1754681	SSF x Near_LoA	-9,278	0,007	0,307
CHR2	1754729	CHR2:1754729	SSF x Near_LoA	-0,808	0,146	0,271
CHR2	17548438	CHR2:17548438	SSF x Near_LoA	-8,676	0,054	0,284
CHR2	17548523	CHR2:17548523	SSF x Near_LoA	-5,373	-0,170	0,279
CHR2	17548536	CHR2:17548536	SSF x Near_LoA	-9,082	-0,041	0,301
CHR2	17548554	CHR2:17548554	SSF x Near_LoA	-6,335	-0,195	0,266
CHR2	17551589	CHR2:17551589	SSF x Near_LoA	-9,014	0,049	0,291
CHR2	17586532	CHR2:17586532	SSF x Near_LoA	-7,992	-0,007	0,291
CHR2	17586549	CHR2:17586549	SSF x Near_LoA	-6,669	0,020	0,295
CHR2	17586561	CHR2:17586561	SSF x Near_LoA	-7,339	0,005	0,297
CHR2	17586568	CHR2:17586568	SSF x Near_LoA	-8,148	0,002	0,286
CHR2	17586570	CHR2:17586570	SSF x Near_LoA	-8,261	0,000	0,284
CHR2	17586616	CHR2:17586616	SSF x Near_LoA	-3,747	-0,020	0,284
CHR2	17599592	CHR2:17599592	SSF x Near_LoA	-6,752	0,097	0,284
CHR2	17606316	CHR2:17606316	SSF x Near_LoA	-5,527	0,116	0,287
CHR2	17623612	CHR2:17623612	SSF x Near_LoA	-8,497	-0,137	0,279
CHR2	1762810	CHR2:1762810	SSF x Near_LoA	-5,303	-0,202	0,278
CHR2	17629096	CHR2:17629096	SSF x Near_LoA	-8,019	-0,074	0,283
CHR2	1762914	CHR2:1762914	SSF x Near_LoA	-7,542	0,137	0,286
CHR2	17629209	CHR2:17629209	SSF x Near_LoA	-9,291	0,005	0,297
CHR2	17649755	CHR2:17649755	SSF x Near_LoA	-9,999	0,036	0,283
CHR2	17649792	CHR2:17649792	SSF x Near_LoA	-10,432	0,006	0,291
CHR2	17649825	CHR2:17649825	SSF x Near_LoA	-8,502	0,064	0,278
CHR2	17649959	CHR2:17649959	SSF x Near_LoA	-8,958	0,120	0,285
CHR2	1766279	CHR2:1766279	SSF x Near_LoA	-7,972	-0,008	0,272
CHR2	17671481	CHR2:17671481	SSF x Near_LoA	-0,923	0,177	0,284
CHR2	17674427	CHR2:17674427	SSF x Near_LoA	-1,025	0,255	0,272
CHR2	17674437	CHR2:17674437	SSF x Near_LoA	-7,897	0,100	0,283
CHR2	17674533	CHR2:17674533	SSF x Near_LoA	-7,808	-0,100	0,287
CHR2	17686076	CHR2:17686076	SSF x Near_LoA	-4,612	0,180	0,293
CHR2	17686098	CHR2:17686098	SSF x Near_LoA	-6,871	0,159	0,272
CHR2	17686107	CHR2:17686107	SSF x Near_LoA	-4,450	-0,094	0,284
CHR2	17686145	CHR2:17686145	SSF x Near_LoA	-8,009	-0,043	0,276
CHR2	17686347	CHR2:17686347	SSF x Near_LoA	-8,545	-0,063	0,289

CHR2	17703828	CHR2:17703828	SSF x Near_LoA	-7,669	-0,078	0,282
CHR2	17710859	CHR2:17710859	SSF x Near_LoA	-7,327	-0,120	0,277
CHR2	17711746	CHR2:17711746	SSF x Near_LoA	-5,958	-0,167	0,295
CHR2	17711763	CHR2:17711763	SSF x Near_LoA	-7,110	-0,180	0,274
CHR2	17711887	CHR2:17711887	SSF x Near_LoA	-8,267	-0,077	0,295
CHR2	17733675	CHR2:17733675	SSF x Near_LoA	-8,990	-0,095	0,280
CHR2	17733676	CHR2:17733676	SSF x Near_LoA	-1,695	0,188	0,284
CHR2	17733722	CHR2:17733722	SSF x Near_LoA	-8,468	-0,076	0,297
CHR2	17733755	CHR2:17733755	SSF x Near_LoA	-6,175	0,177	0,279
CHR2	17733760	CHR2:17733760	SSF x Near_LoA	-8,921	-0,064	0,288
CHR2	17733851	CHR2:17733851	SSF x Near_LoA	-7,517	0,036	0,287
CHR2	17734140	CHR2:17734140	SSF x Near_LoA	-8,710	0,073	0,296
CHR2	17761691	CHR2:17761691	SSF x Near_LoA	-5,843	-0,023	0,286
CHR2	17768028	CHR2:17768028	SSF x Near_LoA	-5,132	0,178	0,285
CHR2	17768126	CHR2:17768126	SSF x Near_LoA	-2,053	-0,255	0,263
CHR2	17768128	CHR2:17768128	SSF x Near_LoA	-3,715	-0,253	0,266
CHR2	17768160	CHR2:17768160	SSF x Near_LoA	-6,159	-0,196	0,287
CHR2	17768240	CHR2:17768240	SSF x Near_LoA	-7,969	0,026	0,300
CHR2	17768253	CHR2:17768253	SSF x Near_LoA	-10,789	-0,048	0,291
CHR2	17768281	CHR2:17768281	SSF x Near_LoA	-4,389	0,282	0,280
CHR2	17772727	CHR2:17772727	SSF x Near_LoA	-6,025	-0,205	0,283
CHR2	17772755	CHR2:17772755	SSF x Near_LoA	-3,226	-0,204	0,281
CHR2	17772763	CHR2:17772763	SSF x Near_LoA	-5,507	-0,182	0,292
CHR2	17772768	CHR2:17772768	SSF x Near_LoA	-7,566	-0,161	0,280
CHR2	17772814	CHR2:17772814	SSF x Near_LoA	-8,656	-0,105	0,278
CHR2	17772833	CHR2:17772833	SSF x Near_LoA	-7,353	-0,099	0,278
CHR2	17773797	CHR2:17773797	SSF x Near_LoA	-7,081	0,140	0,279
CHR2	17773865	CHR2:17773865	SSF x Near_LoA	-4,462	-0,184	0,278
CHR2	17801060	CHR2:17801060	SSF x Near_LoA	-9,509	-0,065	0,277
CHR2	17801196	CHR2:17801196	SSF x Near_LoA	-4,214	0,195	0,262
CHR2	17812587	CHR2:17812587	SSF x Near_LoA	-7,428	-0,021	0,291
CHR2	17814402	CHR2:17814402	SSF x Near_LoA	-8,037	-0,038	0,270
CHR2	17814676	CHR2:17814676	SSF x Near_LoA	-6,970	0,077	0,290
CHR2	17814707	CHR2:17814707	SSF x Near_LoA	1,094	-0,300	0,259
CHR2	17820271	CHR2:17820271	SSF x Near_LoA	-7,911	0,083	0,281
CHR2	17824015	CHR2:17824015	SSF x Near_LoA	-3,800	0,164	0,280
CHR2	17829816	CHR2:17829816	SSF x Near_LoA	-8,792	-0,035	0,282
CHR2	1783793	CHR2:1783793	SSF x Near_LoA	-6,525	-0,108	0,288
CHR2	1783817	CHR2:1783817	SSF x Near_LoA	-8,736	-0,078	0,293
CHR2	1783828	CHR2:1783828	SSF x Near_LoA	-6,802	0,036	0,273
CHR2	1783830	CHR2:1783830	SSF x Near_LoA	-8,212	0,017	0,248
CHR2	17845533	CHR2:17845533	SSF x Near_LoA	-8,936	0,000	0,297
CHR2	17845705	CHR2:17845705	SSF x Near_LoA	-8,333	-0,005	0,286
CHR2	17845758	CHR2:17845758	SSF x Near_LoA	-6,580	-0,126	0,294
CHR2	17867065	CHR2:17867065	SSF x Near_LoA	-6,689	-0,031	0,280
CHR2	17867905	CHR2:17867905	SSF x Near_LoA	-6,136	-0,070	0,287
CHR2	17867918	CHR2:17867918	SSF x Near_LoA	-7,266	-0,046	0,281
CHR2	17871794	CHR2:17871794	SSF x Near_LoA	-10,079	0,008	0,285
CHR2	1787956	CHR2:1787956	SSF x Near_LoA	-4,694	0,134	0,283
CHR2	1787994	CHR2:1787994	SSF x Near_LoA	-10,816	0,087	0,272
CHR2	1788072	CHR2:1788072	SSF x Near_LoA	-9,345	0,144	0,284
CHR2	17881865	CHR2:17881865	SSF x Near_LoA	-7,750	-0,067	0,289
CHR2	1788190	CHR2:1788190	SSF x Near_LoA	-7,055	-0,054	0,301

CHR2	17883826	CHR2:17883826	SSF x Near_LoA	-9,660	0,085	0,282
CHR2	17884028	CHR2:17884028	SSF x Near_LoA	-8,237	0,095	0,282
CHR2	17890886	CHR2:17890886	SSF x Near_LoA	-10,008	0,094	0,287
CHR2	17890906	CHR2:17890906	SSF x Near_LoA	-5,086	-0,123	0,274
CHR2	17891040	CHR2:17891040	SSF x Near_LoA	-9,658	0,114	0,269
CHR2	17891177	CHR2:17891177	SSF x Near_LoA	-7,786	0,123	0,276
CHR2	17891191	CHR2:17891191	SSF x Near_LoA	-8,983	-0,017	0,293
CHR2	17894846	CHR2:17894846	SSF x Near_LoA	-9,296	0,036	0,293
CHR2	17895514	CHR2:17895514	SSF x Near_LoA	-10,310	0,065	0,276
CHR2	17900896	CHR2:17900896	SSF x Near_LoA	-9,102	-0,041	0,280
CHR2	17900962	CHR2:17900962	SSF x Near_LoA	-6,445	0,138	0,285
CHR2	17911942	CHR2:17911942	SSF x Near_LoA	-9,567	-0,155	0,301
CHR2	17912031	CHR2:17912031	SSF x Near_LoA	-8,375	0,042	0,286
CHR2	17912815	CHR2:17912815	SSF x Near_LoA	-7,556	0,050	0,289
CHR2	17912880	CHR2:17912880	SSF x Near_LoA	-3,527	-0,032	0,304
CHR2	17912881	CHR2:17912881	SSF x Near_LoA	-10,122	0,065	0,287
CHR2	17912925	CHR2:17912925	SSF x Near_LoA	-7,207	0,079	0,284
CHR2	17916128	CHR2:17916128	SSF x Near_LoA	-7,979	0,122	0,286
CHR2	17916397	CHR2:17916397	SSF x Near_LoA	-5,514	0,169	0,285
CHR2	17916402	CHR2:17916402	SSF x Near_LoA	-6,653	0,107	0,282
CHR2	17919277	CHR2:17919277	SSF x Near_LoA	-5,886	-0,115	0,279
CHR2	17919292	CHR2:17919292	SSF x Near_LoA	-5,051	-0,147	0,283
CHR2	17919310	CHR2:17919310	SSF x Near_LoA	-5,992	-0,146	0,284
CHR2	17919316	CHR2:17919316	SSF x Near_LoA	-4,407	-0,098	0,286
CHR2	17919330	CHR2:17919330	SSF x Near_LoA	-7,641	-0,125	0,277
CHR2	17919424	CHR2:17919424	SSF x Near_LoA	-2,339	0,034	0,292
CHR2	17927640	CHR2:17927640	SSF x Near_LoA	-7,368	-0,074	0,304
CHR2	17935371	CHR2:17935371	SSF x Near_LoA	-5,872	0,118	0,287
CHR2	17935462	CHR2:17935462	SSF x Near_LoA	-9,118	-0,052	0,297
CHR2	17935634	CHR2:17935634	SSF x Near_LoA	-8,663	0,025	0,284
CHR2	17935635	CHR2:17935635	SSF x Near_LoA	-8,524	0,020	0,287
CHR2	17935637	CHR2:17935637	SSF x Near_LoA	-6,378	0,005	0,282
CHR2	1794560	CHR2:1794560	SSF x Near_LoA	-9,477	0,036	0,286
CHR2	1794658	CHR2:1794658	SSF x Near_LoA	-8,174	0,030	0,290
CHR2	17962121	CHR2:17962121	SSF x Near_LoA	-9,499	-0,042	0,289
CHR2	17962150	CHR2:17962150	SSF x Near_LoA	-9,363	0,025	0,286
CHR2	17968841	CHR2:17968841	SSF x Near_LoA	-6,849	-0,083	0,281
CHR2	17968855	CHR2:17968855	SSF x Near_LoA	-6,438	0,144	0,278
CHR2	17968893	CHR2:17968893	SSF x Near_LoA	-9,594	0,068	0,292
CHR2	1797000	CHR2:1797000	SSF x Near_LoA	-9,942	0,064	0,288
CHR2	1797021	CHR2:1797021	SSF x Near_LoA	-5,026	-0,085	0,288
CHR2	1797027	CHR2:1797027	SSF x Near_LoA	-6,638	-0,108	0,301
CHR2	1798807	CHR2:1798807	SSF x Near_LoA	-9,749	0,073	0,274
CHR2	1798823	CHR2:1798823	SSF x Near_LoA	-9,189	0,039	0,290
CHR2	1798881	CHR2:1798881	SSF x Near_LoA	-7,000	-0,197	0,279
CHR2	18011668	CHR2:18011668	SSF x Near_LoA	-8,753	0,058	0,300
CHR2	18014644	CHR2:18014644	SSF x Near_LoA	-8,529	0,157	0,277
CHR2	18023895	CHR2:18023895	SSF x Near_LoA	-7,081	0,001	0,283
CHR2	18024088	CHR2:18024088	SSF x Near_LoA	-7,744	-0,037	0,295
CHR2	18035801	CHR2:18035801	SSF x Near_LoA	-9,852	-0,004	0,291
CHR2	18039704	CHR2:18039704	SSF x Near_LoA	0,591	-0,214	0,267
CHR2	18039720	CHR2:18039720	SSF x Near_LoA	-8,845	0,068	0,278
CHR2	18039725	CHR2:18039725	SSF x Near_LoA	-10,297	0,043	0,285

CHR2	18039782	CHR2:18039782	SSF x Near_LoA	-5,171	-0,174	0,280
CHR2	18039790	CHR2:18039790	SSF x Near_LoA	4,730	0,095	0,290
CHR2	18039828	CHR2:18039828	SSF x Near_LoA	-9,848	0,018	0,281
CHR2	18040348	CHR2:18040348	SSF x Near_LoA	-5,334	-0,216	0,287
CHR2	18040419	CHR2:18040419	SSF x Near_LoA	-8,047	-0,001	0,291
CHR2	18041724	CHR2:18041724	SSF x Near_LoA	-6,655	-0,074	0,293
CHR2	18041879	CHR2:18041879	SSF x Near_LoA	-7,111	-0,110	0,300
CHR2	18041993	CHR2:18041993	SSF x Near_LoA	-3,458	0,234	0,274
CHR2	18054160	CHR2:18054160	SSF x Near_LoA	-8,354	-0,046	0,289
CHR2	18054161	CHR2:18054161	SSF x Near_LoA	-10,356	-0,054	0,286
CHR2	18054166	CHR2:18054166	SSF x Near_LoA	-5,690	0,043	0,293
CHR2	18054264	CHR2:18054264	SSF x Near_LoA	-10,087	0,015	0,293
CHR2	18054594	CHR2:18054594	SSF x Near_LoA	-7,120	-0,109	0,295
CHR2	18054599	CHR2:18054599	SSF x Near_LoA	-8,222	-0,112	0,286
CHR2	18058014	CHR2:18058014	SSF x Near_LoA	-4,276	0,106	0,289
CHR2	18058037	CHR2:18058037	SSF x Near_LoA	-8,281	0,117	0,286
CHR2	18058067	CHR2:18058067	SSF x Near_LoA	-5,020	-0,231	0,271
CHR2	18059352	CHR2:18059352	SSF x Near_LoA	-10,228	0,054	0,287
CHR2	18059388	CHR2:18059388	SSF x Near_LoA	-7,745	-0,041	0,291
CHR2	18083481	CHR2:18083481	SSF x Near_LoA	-8,561	0,013	0,288
CHR2	18083512	CHR2:18083512	SSF x Near_LoA	-8,735	-0,074	0,286
CHR2	18084966	CHR2:18084966	SSF x Near_LoA	-9,172	0,018	0,264
CHR2	18104999	CHR2:18104999	SSF x Near_LoA	-7,046	0,035	0,282
CHR2	18112316	CHR2:18112316	SSF x Near_LoA	-7,756	0,069	0,289
CHR2	18112326	CHR2:18112326	SSF x Near_LoA	-7,220	0,002	0,265
CHR2	18120728	CHR2:18120728	SSF x Near_LoA	-10,013	0,035	0,284
CHR2	18120762	CHR2:18120762	SSF x Near_LoA	-6,623	-0,115	0,292
CHR2	18120794	CHR2:18120794	SSF x Near_LoA	-2,216	0,058	0,289
CHR2	18120839	CHR2:18120839	SSF x Near_LoA	-9,085	-0,072	0,290
CHR2	18120905	CHR2:18120905	SSF x Near_LoA	-7,317	-0,118	0,273
CHR2	18120927	CHR2:18120927	SSF x Near_LoA	-6,257	-0,125	0,283
CHR2	18120928	CHR2:18120928	SSF x Near_LoA	0,089	-0,141	0,279
CHR2	18120931	CHR2:18120931	SSF x Near_LoA	-6,226	-0,142	0,277
CHR2	18120941	CHR2:18120941	SSF x Near_LoA	-5,466	-0,194	0,269
CHR2	18120944	CHR2:18120944	SSF x Near_LoA	-6,214	-0,131	0,272
CHR2	18120951	CHR2:18120951	SSF x Near_LoA	-6,438	-0,100	0,284
CHR2	18120963	CHR2:18120963	SSF x Near_LoA	-4,972	-0,140	0,274
CHR2	18139525	CHR2:18139525	SSF x Near_LoA	-8,906	0,054	0,285
CHR2	18139547	CHR2:18139547	SSF x Near_LoA	-7,841	-0,009	0,276
CHR2	18139557	CHR2:18139557	SSF x Near_LoA	-8,985	0,021	0,288
CHR2	18139563	CHR2:18139563	SSF x Near_LoA	-8,531	0,041	0,286
CHR2	18144856	CHR2:18144856	SSF x Near_LoA	-8,858	0,021	0,297
CHR2	1815149	CHR2:1815149	SSF x Near_LoA	-9,466	0,061	0,289
CHR2	1815150	CHR2:1815150	SSF x Near_LoA	-7,701	0,044	0,294
CHR2	18157666	CHR2:18157666	SSF x Near_LoA	-5,417	0,044	0,295
CHR2	18157801	CHR2:18157801	SSF x Near_LoA	-10,168	-0,032	0,291
CHR2	18157807	CHR2:18157807	SSF x Near_LoA	-6,074	-0,087	0,281
CHR2	18158789	CHR2:18158789	SSF x Near_LoA	-8,683	-0,019	0,283
CHR2	18158851	CHR2:18158851	SSF x Near_LoA	-7,494	0,048	0,284
CHR2	18159012	CHR2:18159012	SSF x Near_LoA	-7,477	-0,077	0,290
CHR2	18159068	CHR2:18159068	SSF x Near_LoA	-7,966	0,086	0,277
CHR2	18168622	CHR2:18168622	SSF x Near_LoA	-9,836	-0,070	0,286
CHR2	18174261	CHR2:18174261	SSF x Near_LoA	-9,595	-0,061	0,293

CHR2	18174262	CHR2:18174262	SSF x Near_LoA	-4,910	0,224	0,284
CHR2	18176278	CHR2:18176278	SSF x Near_LoA	-9,090	0,086	0,273
CHR2	18176300	CHR2:18176300	SSF x Near_LoA	-5,923	-0,120	0,282
CHR2	18176439	CHR2:18176439	SSF x Near_LoA	-9,924	0,009	0,271
CHR2	18199814	CHR2:18199814	SSF x Near_LoA	-5,265	0,151	0,291
CHR2	18199821	CHR2:18199821	SSF x Near_LoA	-5,882	-0,064	0,284
CHR2	18199827	CHR2:18199827	SSF x Near_LoA	-9,920	-0,065	0,298
CHR2	18200195	CHR2:18200195	SSF x Near_LoA	-6,765	-0,141	0,285
CHR2	1820089	CHR2:1820089	SSF x Near_LoA	-7,220	0,006	0,287
CHR2	1820096	CHR2:1820096	SSF x Near_LoA	-7,308	0,009	0,302
CHR2	1820166	CHR2:1820166	SSF x Near_LoA	-7,610	0,105	0,280
CHR2	18211711	CHR2:18211711	SSF x Near_LoA	-6,009	-0,118	0,279
CHR2	18211738	CHR2:18211738	SSF x Near_LoA	-7,249	0,066	0,286
CHR2	18214965	CHR2:18214965	SSF x Near_LoA	-5,226	0,173	0,272
CHR2	18215085	CHR2:18215085	SSF x Near_LoA	-8,339	0,147	0,286
CHR2	18215114	CHR2:18215114	SSF x Near_LoA	-7,085	0,143	0,283
CHR2	18215158	CHR2:18215158	SSF x Near_LoA	-4,265	0,175	0,274
CHR2	18231193	CHR2:18231193	SSF x Near_LoA	-9,615	-0,019	0,280
CHR2	18231488	CHR2:18231488	SSF x Near_LoA	-10,442	-0,035	0,292
CHR2	18240185	CHR2:18240185	SSF x Near_LoA	-10,038	0,001	0,297
CHR2	18240315	CHR2:18240315	SSF x Near_LoA	-8,572	-0,119	0,277
CHR2	18240326	CHR2:18240326	SSF x Near_LoA	-10,843	0,049	0,285
CHR2	18240437	CHR2:18240437	SSF x Near_LoA	-9,750	-0,001	0,291
CHR2	1824568	CHR2:1824568	SSF x Near_LoA	-10,403	0,047	0,274
CHR2	18255940	CHR2:18255940	SSF x Near_LoA	-9,008	0,014	0,288
CHR2	18256944	CHR2:18256944	SSF x Near_LoA	-6,248	-0,129	0,276
CHR2	18266400	CHR2:18266400	SSF x Near_LoA	-5,706	-0,190	0,281
CHR2	18266486	CHR2:18266486	SSF x Near_LoA	-10,050	-0,039	0,281
CHR2	18284944	CHR2:18284944	SSF x Near_LoA	-8,225	0,028	0,284
CHR2	18296686	CHR2:18296686	SSF x Near_LoA	-9,036	0,080	0,283
CHR2	18296823	CHR2:18296823	SSF x Near_LoA	-5,587	-0,169	0,262
CHR2	18296832	CHR2:18296832	SSF x Near_LoA	-8,791	-0,082	0,269
CHR2	18297119	CHR2:18297119	SSF x Near_LoA	-3,634	-0,131	0,283
CHR2	18303331	CHR2:18303331	SSF x Near_LoA	-6,342	0,021	0,298
CHR2	18303401	CHR2:18303401	SSF x Near_LoA	-6,050	0,205	0,280
CHR2	18303440	CHR2:18303440	SSF x Near_LoA	-7,662	-0,025	0,298
CHR2	18309130	CHR2:18309130	SSF x Near_LoA	-9,426	0,123	0,277
CHR2	18309215	CHR2:18309215	SSF x Near_LoA	-7,209	0,129	0,276
CHR2	18315640	CHR2:18315640	SSF x Near_LoA	2,385	0,247	0,278
CHR2	18315661	CHR2:18315661	SSF x Near_LoA	-6,681	-0,112	0,268
CHR2	18322830	CHR2:18322830	SSF x Near_LoA	-6,234	-0,115	0,303
CHR2	18322845	CHR2:18322845	SSF x Near_LoA	-7,697	-0,084	0,294
CHR2	18327428	CHR2:18327428	SSF x Near_LoA	-9,904	-0,046	0,293
CHR2	18327488	CHR2:18327488	SSF x Near_LoA	-7,224	-0,022	0,300
CHR2	18336858	CHR2:18336858	SSF x Near_LoA	-8,379	-0,088	0,280
CHR2	18337059	CHR2:18337059	SSF x Near_LoA	-10,657	0,038	0,277
CHR2	18337112	CHR2:18337112	SSF x Near_LoA	-8,051	-0,174	0,301
CHR2	18337116	CHR2:18337116	SSF x Near_LoA	-10,497	-0,023	0,299
CHR2	18337146	CHR2:18337146	SSF x Near_LoA	-1,344	-0,167	0,281
CHR2	18337148	CHR2:18337148	SSF x Near_LoA	-4,219	-0,151	0,276
CHR2	18354530	CHR2:18354530	SSF x Near_LoA	-9,959	0,061	0,275
CHR2	18354592	CHR2:18354592	SSF x Near_LoA	-9,551	0,042	0,284
CHR2	18355134	CHR2:18355134	SSF x Near_LoA	-8,479	0,099	0,290

CHR2	18355144	CHR2:18355144	SSF x Near_LoA	-8,432	0,091	0,294
CHR2	18355327	CHR2:18355327	SSF x Near_LoA	-4,361	0,154	0,291
CHR2	18355373	CHR2:18355373	SSF x Near_LoA	-6,452	0,103	0,292
CHR2	18359577	CHR2:18359577	SSF x Near_LoA	-7,316	0,031	0,288
CHR2	18359641	CHR2:18359641	SSF x Near_LoA	-7,916	-0,157	0,284
CHR2	18359643	CHR2:18359643	SSF x Near_LoA	-9,233	0,042	0,280
CHR2	18359728	CHR2:18359728	SSF x Near_LoA	-9,656	-0,040	0,301
CHR2	18359791	CHR2:18359791	SSF x Near_LoA	-7,211	0,044	0,289
CHR2	18368129	CHR2:18368129	SSF x Near_LoA	-8,127	-0,048	0,282
CHR2	18368168	CHR2:18368168	SSF x Near_LoA	-6,068	0,152	0,288
CHR2	18369265	CHR2:18369265	SSF x Near_LoA	-8,659	-0,117	0,286
CHR2	18369316	CHR2:18369316	SSF x Near_LoA	-9,080	0,033	0,288
CHR2	18378086	CHR2:18378086	SSF x Near_LoA	-10,915	0,023	0,263
CHR2	18378145	CHR2:18378145	SSF x Near_LoA	-8,446	-0,003	0,292
CHR2	18378210	CHR2:18378210	SSF x Near_LoA	-8,650	0,067	0,271
CHR2	18378297	CHR2:18378297	SSF x Near_LoA	-7,369	-0,082	0,281
CHR2	18378340	CHR2:18378340	SSF x Near_LoA	-3,733	-0,254	0,268
CHR2	18378390	CHR2:18378390	SSF x Near_LoA	-8,110	-0,002	0,276
CHR2	18380853	CHR2:18380853	SSF x Near_LoA	-6,779	0,067	0,288
CHR2	1838122	CHR2:1838122	SSF x Near_LoA	-9,237	-0,004	0,280
CHR2	18398746	CHR2:18398746	SSF x Near_LoA	-8,490	-0,057	0,284
CHR2	18398837	CHR2:18398837	SSF x Near_LoA	-10,623	-0,059	0,293
CHR2	18403210	CHR2:18403210	SSF x Near_LoA	-8,527	-0,071	0,286
CHR2	18403235	CHR2:18403235	SSF x Near_LoA	-6,591	-0,010	0,280
CHR2	18403293	CHR2:18403293	SSF x Near_LoA	-7,421	-0,026	0,287
CHR2	18412431	CHR2:18412431	SSF x Near_LoA	-8,667	-0,025	0,293
CHR2	18412559	CHR2:18412559	SSF x Near_LoA	-8,947	-0,041	0,298
CHR2	18425400	CHR2:18425400	SSF x Near_LoA	-7,804	0,068	0,280
CHR2	18425529	CHR2:18425529	SSF x Near_LoA	-8,851	0,068	0,289
CHR2	18425637	CHR2:18425637	SSF x Near_LoA	-7,820	0,134	0,279
CHR2	18427386	CHR2:18427386	SSF x Near_LoA	-5,797	-0,195	0,280
CHR2	18427395	CHR2:18427395	SSF x Near_LoA	-5,752	-0,165	0,276
CHR2	18427460	CHR2:18427460	SSF x Near_LoA	-6,408	-0,198	0,272
CHR2	18427583	CHR2:18427583	SSF x Near_LoA	-6,297	-0,142	0,284
CHR2	18427645	CHR2:18427645	SSF x Near_LoA	-3,414	0,161	0,276
CHR2	18427654	CHR2:18427654	SSF x Near_LoA	1,405	-0,289	0,251
CHR2	18435933	CHR2:18435933	SSF x Near_LoA	-9,446	-0,056	0,290
CHR2	18435934	CHR2:18435934	SSF x Near_LoA	-10,869	-0,055	0,274
CHR2	18435950	CHR2:18435950	SSF x Near_LoA	-9,674	-0,029	0,286
CHR2	18435952	CHR2:18435952	SSF x Near_LoA	-10,195	-0,066	0,291
CHR2	18436097	CHR2:18436097	SSF x Near_LoA	-7,436	0,018	0,271
CHR2	18467803	CHR2:18467803	SSF x Near_LoA	-4,778	0,282	0,263
CHR2	18468067	CHR2:18468067	SSF x Near_LoA	-7,565	-0,156	0,290
CHR2	18479434	CHR2:18479434	SSF x Near_LoA	-9,932	-0,137	0,277
CHR2	18480495	CHR2:18480495	SSF x Near_LoA	-7,492	0,005	0,286
CHR2	18480555	CHR2:18480555	SSF x Near_LoA	-8,108	-0,017	0,290
CHR2	18480571	CHR2:18480571	SSF x Near_LoA	-7,704	-0,012	0,282
CHR2	18480608	CHR2:18480608	SSF x Near_LoA	-7,526	-0,098	0,278
CHR2	18480654	CHR2:18480654	SSF x Near_LoA	-6,897	0,026	0,306
CHR2	18488710	CHR2:18488710	SSF x Near_LoA	-9,096	-0,026	0,288
CHR2	18488927	CHR2:18488927	SSF x Near_LoA	-9,410	0,068	0,289
CHR2	18494320	CHR2:18494320	SSF x Near_LoA	-9,130	-0,001	0,286
CHR2	18494695	CHR2:18494695	SSF x Near_LoA	-7,179	0,052	0,295

CHR2	18528100	CHR2:18528100	SSF x Near_LoA	-2,089	0,227	0,265
CHR2	18528183	CHR2:18528183	SSF x Near_LoA	-8,590	-0,036	0,269
CHR2	18528203	CHR2:18528203	SSF x Near_LoA	-1,019	0,144	0,258
CHR2	18543710	CHR2:18543710	SSF x Near_LoA	-8,690	-0,104	0,306
CHR2	18543749	CHR2:18543749	SSF x Near_LoA	-9,766	0,074	0,285
CHR2	18556790	CHR2:18556790	SSF x Near_LoA	-9,428	-0,081	0,293
CHR2	18556837	CHR2:18556837	SSF x Near_LoA	-6,342	0,160	0,283
CHR2	18556838	CHR2:18556838	SSF x Near_LoA	-5,082	0,137	0,288
CHR2	18556888	CHR2:18556888	SSF x Near_LoA	-9,105	-0,098	0,295
CHR2	18556911	CHR2:18556911	SSF x Near_LoA	-8,443	0,104	0,283
CHR2	18559995	CHR2:18559995	SSF x Near_LoA	-7,264	-0,137	0,281
CHR2	18560362	CHR2:18560362	SSF x Near_LoA	-8,894	0,106	0,291
CHR2	18577029	CHR2:18577029	SSF x Near_LoA	-5,852	0,167	0,271
CHR2	18577183	CHR2:18577183	SSF x Near_LoA	-6,996	0,058	0,292
CHR2	18577214	CHR2:18577214	SSF x Near_LoA	-8,580	-0,029	0,275
CHR2	18581534	CHR2:18581534	SSF x Near_LoA	-3,936	0,100	0,282
CHR2	18586493	CHR2:18586493	SSF x Near_LoA	-8,869	-0,037	0,287
CHR2	18591508	CHR2:18591508	SSF x Near_LoA	-9,194	-0,077	0,284
CHR2	18605695	CHR2:18605695	SSF x Near_LoA	-4,522	0,171	0,283
CHR2	18605778	CHR2:18605778	SSF x Near_LoA	13,426	-0,288	0,262
CHR2	18605827	CHR2:18605827	SSF x Near_LoA	-3,243	-0,215	0,275
CHR2	18605828	CHR2:18605828	SSF x Near_LoA	-1,619	-0,233	0,278
CHR2	18606374	CHR2:18606374	SSF x Near_LoA	-9,209	-0,080	0,275
CHR2	1862817	CHR2:1862817	SSF x Near_LoA	-9,768	-0,111	0,277
CHR2	1862851	CHR2:1862851	SSF x Near_LoA	3,237	-0,062	0,289
CHR2	1862863	CHR2:1862863	SSF x Near_LoA	-7,866	-0,050	0,294
CHR2	1862867	CHR2:1862867	SSF x Near_LoA	-6,881	-0,046	0,277
CHR2	1862888	CHR2:1862888	SSF x Near_LoA	-7,520	-0,031	0,286
CHR2	18631706	CHR2:18631706	SSF x Near_LoA	-1,601	-0,041	0,282
CHR2	18642837	CHR2:18642837	SSF x Near_LoA	-7,725	-0,028	0,287
CHR2	18667271	CHR2:18667271	SSF x Near_LoA	-6,273	-0,175	0,281
CHR2	18667408	CHR2:18667408	SSF x Near_LoA	-5,955	-0,193	0,258
CHR2	18682627	CHR2:18682627	SSF x Near_LoA	-9,999	-0,108	0,284
CHR2	18699100	CHR2:18699100	SSF x Near_LoA	-8,854	-0,051	0,284
CHR2	18699138	CHR2:18699138	SSF x Near_LoA	-7,742	-0,040	0,290
CHR2	18699146	CHR2:18699146	SSF x Near_LoA	-7,293	0,069	0,272
CHR2	18699173	CHR2:18699173	SSF x Near_LoA	-8,161	0,086	0,283
CHR2	18699224	CHR2:18699224	SSF x Near_LoA	-7,154	0,104	0,286
CHR2	18703402	CHR2:18703402	SSF x Near_LoA	-8,435	-0,077	0,290
CHR2	18703415	CHR2:18703415	SSF x Near_LoA	-8,235	0,075	0,288
CHR2	18703423	CHR2:18703423	SSF x Near_LoA	-8,600	0,166	0,281
CHR2	18703514	CHR2:18703514	SSF x Near_LoA	-9,437	0,090	0,286
CHR2	18719377	CHR2:18719377	SSF x Near_LoA	-7,445	-0,175	0,278
CHR2	18719692	CHR2:18719692	SSF x Near_LoA	-8,988	-0,169	0,278
CHR2	18719716	CHR2:18719716	SSF x Near_LoA	-9,382	0,000	0,286
CHR2	18719770	CHR2:18719770	SSF x Near_LoA	-8,857	0,096	0,291
CHR2	1874724	CHR2:1874724	SSF x Near_LoA	-7,579	0,062	0,291
CHR2	1874774	CHR2:1874774	SSF x Near_LoA	-7,475	-0,144	0,290
CHR2	1875946	CHR2:1875946	SSF x Near_LoA	-10,137	0,061	0,271
CHR2	18797593	CHR2:18797593	SSF x Near_LoA	-7,472	-0,061	0,282
CHR2	18797613	CHR2:18797613	SSF x Near_LoA	-6,035	0,092	0,272
CHR2	18797869	CHR2:18797869	SSF x Near_LoA	-7,257	-0,086	0,271
CHR2	18797877	CHR2:18797877	SSF x Near_LoA	-11,166	-0,025	0,286

CHR2	18797976	CHR2:18797976	SSF x Near_LoA	-10,055	0,043	0,292
CHR2	18815048	CHR2:18815048	SSF x Near_LoA	-7,736	-0,089	0,292
CHR2	18815098	CHR2:18815098	SSF x Near_LoA	-7,272	0,051	0,300
CHR2	18815222	CHR2:18815222	SSF x Near_LoA	-8,357	-0,022	0,285
CHR2	18815229	CHR2:18815229	SSF x Near_LoA	-9,039	-0,009	0,279
CHR2	18815250	CHR2:18815250	SSF x Near_LoA	-8,025	0,041	0,292
CHR2	18818550	CHR2:18818550	SSF x Near_LoA	-8,003	0,116	0,285
CHR2	18839215	CHR2:18839215	SSF x Near_LoA	-7,269	0,089	0,287
CHR2	18854772	CHR2:18854772	SSF x Near_LoA	-7,415	0,024	0,281
CHR2	18854811	CHR2:18854811	SSF x Near_LoA	-3,212	-0,184	0,280
CHR2	18855746	CHR2:18855746	SSF x Near_LoA	-7,139	0,019	0,281
CHR2	18855797	CHR2:18855797	SSF x Near_LoA	-9,327	-0,079	0,286
CHR2	18855905	CHR2:18855905	SSF x Near_LoA	-8,090	0,025	0,274
CHR2	1887584	CHR2:1887584	SSF x Near_LoA	-5,890	0,054	0,282
CHR2	1887597	CHR2:1887597	SSF x Near_LoA	-7,461	0,048	0,278
CHR2	1887599	CHR2:1887599	SSF x Near_LoA	-7,311	0,013	0,287
CHR2	1887672	CHR2:1887672	SSF x Near_LoA	-10,193	0,009	0,283
CHR2	1887682	CHR2:1887682	SSF x Near_LoA	-7,707	-0,125	0,283
CHR2	1887703	CHR2:1887703	SSF x Near_LoA	-5,692	-0,147	0,293
CHR2	1887781	CHR2:1887781	SSF x Near_LoA	-9,291	0,063	0,285
CHR2	18890206	CHR2:18890206	SSF x Near_LoA	-4,846	-0,142	0,291
CHR2	1891724	CHR2:1891724	SSF x Near_LoA	-9,414	0,017	0,291
CHR2	1891758	CHR2:1891758	SSF x Near_LoA	-7,452	-0,052	0,292
CHR2	18921256	CHR2:18921256	SSF x Near_LoA	-7,202	0,050	0,285
CHR2	18977046	CHR2:18977046	SSF x Near_LoA	-9,618	-0,119	0,292
CHR2	18983326	CHR2:18983326	SSF x Near_LoA	-8,250	-0,111	0,283
CHR2	18983381	CHR2:18983381	SSF x Near_LoA	-5,996	-0,116	0,277
CHR2	18983405	CHR2:18983405	SSF x Near_LoA	-10,367	0,021	0,280
CHR2	18987172	CHR2:18987172	SSF x Near_LoA	-7,622	0,156	0,282
CHR2	18995809	CHR2:18995809	SSF x Near_LoA	-7,020	0,064	0,283
CHR2	1904224	CHR2:1904224	SSF x Near_LoA	-7,797	0,002	0,297
CHR2	19050082	CHR2:19050082	SSF x Near_LoA	-9,795	-0,037	0,287
CHR2	19090188	CHR2:19090188	SSF x Near_LoA	-7,996	-0,040	0,286
CHR2	19090519	CHR2:19090519	SSF x Near_LoA	-9,618	-0,005	0,285
CHR2	19140239	CHR2:19140239	SSF x Near_LoA	-6,497	-0,058	0,282
CHR2	19147622	CHR2:19147622	SSF x Near_LoA	-8,118	-0,107	0,284
CHR2	19147833	CHR2:19147833	SSF x Near_LoA	-8,285	0,097	0,290
CHR2	19186312	CHR2:19186312	SSF x Near_LoA	-7,535	0,078	0,292
CHR2	19201494	CHR2:19201494	SSF x Near_LoA	-8,008	-0,105	0,273
CHR2	19201611	CHR2:19201611	SSF x Near_LoA	-7,859	0,044	0,274
CHR2	1949433	CHR2:1949433	SSF x Near_LoA	-9,645	0,118	0,283
CHR2	1949599	CHR2:1949599	SSF x Near_LoA	-8,223	-0,034	0,298
CHR2	1951840	CHR2:1951840	SSF x Near_LoA	-8,922	0,000	0,296
CHR2	1979330	CHR2:1979330	SSF x Near_LoA	-9,862	0,044	0,289
CHR2	1979392	CHR2:1979392	SSF x Near_LoA	-7,963	0,007	0,276
CHR2	1983930	CHR2:1983930	SSF x Near_LoA	-3,519	-0,198	0,264
CHR2	1984024	CHR2:1984024	SSF x Near_LoA	-10,449	0,027	0,282
CHR2	1994318	CHR2:1994318	SSF x Near_LoA	-7,128	0,121	0,291
CHR2	1994493	CHR2:1994493	SSF x Near_LoA	-5,272	0,186	0,288
CHR2	2004968	CHR2:2004968	SSF x Near_LoA	-9,823	0,049	0,281
CHR2	2004984	CHR2:2004984	SSF x Near_LoA	-7,749	0,092	0,272
CHR2	2004995	CHR2:2004995	SSF x Near_LoA	-9,161	0,122	0,270
CHR2	2005207	CHR2:2005207	SSF x Near_LoA	-8,567	-0,126	0,285

CHR2	2034869	CHR2:2034869	SSF x Near_LoA	-9,445	0,098	0,271
CHR2	2034876	CHR2:2034876	SSF x Near_LoA	-6,215	0,169	0,278
CHR2	2039716	CHR2:2039716	SSF x Near_LoA	-9,236	-0,029	0,299
CHR2	2066886	CHR2:2066886	SSF x Near_LoA	-6,410	-0,081	0,287
CHR2	2066887	CHR2:2066887	SSF x Near_LoA	-6,683	-0,096	0,294
CHR2	2066925	CHR2:2066925	SSF x Near_LoA	-8,119	0,087	0,285
CHR2	2066938	CHR2:2066938	SSF x Near_LoA	-9,440	0,014	0,281
CHR2	2067130	CHR2:2067130	SSF x Near_LoA	-10,358	-0,011	0,282
CHR2	2079306	CHR2:2079306	SSF x Near_LoA	-3,927	0,054	0,293
CHR2	2088666	CHR2:2088666	SSF x Near_LoA	-4,399	0,209	0,280
CHR2	2088683	CHR2:2088683	SSF x Near_LoA	-8,548	-0,057	0,292
CHR2	2088694	CHR2:2088694	SSF x Near_LoA	-7,665	0,042	0,291
CHR2	2090804	CHR2:2090804	SSF x Near_LoA	-7,447	0,112	0,289
CHR2	2090931	CHR2:2090931	SSF x Near_LoA	-3,778	-0,212	0,263
CHR2	2090933	CHR2:2090933	SSF x Near_LoA	-3,283	0,181	0,261
CHR2	2090936	CHR2:2090936	SSF x Near_LoA	-4,787	0,157	0,271
CHR2	2138917	CHR2:2138917	SSF x Near_LoA	-10,059	0,021	0,290
CHR2	2138960	CHR2:2138960	SSF x Near_LoA	-4,835	-0,071	0,285
CHR2	2138981	CHR2:2138981	SSF x Near_LoA	-7,591	0,031	0,298
CHR2	2138983	CHR2:2138983	SSF x Near_LoA	-9,656	-0,039	0,285
CHR2	2138987	CHR2:2138987	SSF x Near_LoA	-8,023	-0,167	0,287
CHR2	2138995	CHR2:2138995	SSF x Near_LoA	-9,118	0,116	0,293
CHR2	2139018	CHR2:2139018	SSF x Near_LoA	-9,915	-0,042	0,290
CHR2	2139078	CHR2:2139078	SSF x Near_LoA	-7,250	0,063	0,302
CHR2	2139081	CHR2:2139081	SSF x Near_LoA	-5,836	0,079	0,288
CHR2	2139082	CHR2:2139082	SSF x Near_LoA	-7,797	0,059	0,279
CHR2	2148437	CHR2:2148437	SSF x Near_LoA	-8,811	0,032	0,297
CHR2	2148468	CHR2:2148468	SSF x Near_LoA	-2,437	0,242	0,277
CHR2	2154921	CHR2:2154921	SSF x Near_LoA	-9,601	0,074	0,288
CHR2	2155035	CHR2:2155035	SSF x Near_LoA	-10,664	-0,036	0,289
CHR2	2155051	CHR2:2155051	SSF x Near_LoA	-8,908	0,053	0,269
CHR2	2155087	CHR2:2155087	SSF x Near_LoA	-5,431	0,125	0,287
CHR2	2161643	CHR2:2161643	SSF x Near_LoA	-5,875	0,139	0,266
CHR2	2161668	CHR2:2161668	SSF x Near_LoA	-9,367	0,048	0,282
CHR2	2161677	CHR2:2161677	SSF x Near_LoA	-5,283	-0,096	0,284
CHR2	2161707	CHR2:2161707	SSF x Near_LoA	-8,127	0,064	0,296
CHR2	2161737	CHR2:2161737	SSF x Near_LoA	-3,385	-0,182	0,273
CHR2	2161738	CHR2:2161738	SSF x Near_LoA	-10,530	0,048	0,286
CHR2	2161745	CHR2:2161745	SSF x Near_LoA	-10,136	-0,090	0,281
CHR2	2162971	CHR2:2162971	SSF x Near_LoA	-9,717	-0,005	0,269
CHR2	2162988	CHR2:2162988	SSF x Near_LoA	-9,305	-0,023	0,289
CHR2	2162989	CHR2:2162989	SSF x Near_LoA	-9,248	0,040	0,308
CHR2	2163005	CHR2:2163005	SSF x Near_LoA	-4,725	0,009	0,300
CHR2	2163009	CHR2:2163009	SSF x Near_LoA	-8,285	0,112	0,284
CHR2	2163082	CHR2:2163082	SSF x Near_LoA	-8,838	-0,058	0,283
CHR2	2163132	CHR2:2163132	SSF x Near_LoA	-8,086	-0,094	0,282
CHR2	2167047	CHR2:2167047	SSF x Near_LoA	-7,380	-0,038	0,301
CHR2	2167048	CHR2:2167048	SSF x Near_LoA	-7,140	-0,016	0,300
CHR2	2167049	CHR2:2167049	SSF x Near_LoA	-7,199	-0,028	0,293
CHR2	2167063	CHR2:2167063	SSF x Near_LoA	-5,683	-0,142	0,275
CHR2	2167076	CHR2:2167076	SSF x Near_LoA	-5,955	0,050	0,301
CHR2	2172544	CHR2:2172544	SSF x Near_LoA	-5,593	0,191	0,276
CHR2	2172564	CHR2:2172564	SSF x Near_LoA	-8,897	0,027	0,278

CHR2	2173468	CHR2:2173468	SSF x Near_LoA	-10,583	-0,012	0,274
CHR2	2173509	CHR2:2173509	SSF x Near_LoA	-8,142	0,023	0,282
CHR2	2173515	CHR2:2173515	SSF x Near_LoA	-2,909	0,032	0,305
CHR2	2173584	CHR2:2173584	SSF x Near_LoA	-5,393	0,116	0,277
CHR2	2187885	CHR2:2187885	SSF x Near_LoA	-9,171	0,000	0,291
CHR2	2188060	CHR2:2188060	SSF x Near_LoA	-9,774	0,033	0,292
CHR2	2212366	CHR2:2212366	SSF x Near_LoA	-6,574	0,014	0,283
CHR2	2231727	CHR2:2231727	SSF x Near_LoA	-6,167	-0,127	0,288
CHR2	2236771	CHR2:2236771	SSF x Near_LoA	-9,147	0,082	0,290
CHR2	2236927	CHR2:2236927	SSF x Near_LoA	-8,278	-0,199	0,271
CHR2	2241622	CHR2:2241622	SSF x Near_LoA	-8,137	-0,097	0,279
CHR2	2241684	CHR2:2241684	SSF x Near_LoA	-7,750	0,089	0,281
CHR2	2241821	CHR2:2241821	SSF x Near_LoA	-10,863	-0,012	0,266
CHR2	2251261	CHR2:2251261	SSF x Near_LoA	-6,801	0,049	0,288
CHR2	2251268	CHR2:2251268	SSF x Near_LoA	-6,966	0,049	0,289
CHR2	2251664	CHR2:2251664	SSF x Near_LoA	-10,286	-0,018	0,268
CHR2	225799	CHR2:225799	SSF x Near_LoA	-10,104	0,005	0,279
CHR2	2263514	CHR2:2263514	SSF x Near_LoA	-9,084	0,031	0,299
CHR2	2263656	CHR2:2263656	SSF x Near_LoA	-7,201	0,041	0,284
CHR2	2263661	CHR2:2263661	SSF x Near_LoA	-6,895	0,054	0,286
CHR2	2278190	CHR2:2278190	SSF x Near_LoA	-6,538	-0,132	0,290
CHR2	2278269	CHR2:2278269	SSF x Near_LoA	-9,214	-0,042	0,295
CHR2	2278302	CHR2:2278302	SSF x Near_LoA	-9,599	-0,047	0,285
CHR2	2284228	CHR2:2284228	SSF x Near_LoA	-4,391	-0,150	0,279
CHR2	2284320	CHR2:2284320	SSF x Near_LoA	-7,834	0,016	0,305
CHR2	2284513	CHR2:2284513	SSF x Near_LoA	-7,492	0,038	0,293
CHR2	2284530	CHR2:2284530	SSF x Near_LoA	-9,018	0,003	0,278
CHR2	2284543	CHR2:2284543	SSF x Near_LoA	-10,369	-0,008	0,278
CHR2	2284571	CHR2:2284571	SSF x Near_LoA	-8,003	-0,013	0,284
CHR2	2284604	CHR2:2284604	SSF x Near_LoA	-7,949	-0,091	0,291
CHR2	2284658	CHR2:2284658	SSF x Near_LoA	-8,395	-0,090	0,292
CHR2	229574	CHR2:229574	SSF x Near_LoA	-8,241	-0,088	0,279
CHR2	229732	CHR2:229732	SSF x Near_LoA	-9,482	-0,039	0,291
CHR2	2308455	CHR2:2308455	SSF x Near_LoA	-9,129	0,023	0,298
CHR2	2308547	CHR2:2308547	SSF x Near_LoA	-8,112	0,020	0,292
CHR2	2308557	CHR2:2308557	SSF x Near_LoA	-10,445	0,082	0,281
CHR2	2308590	CHR2:2308590	SSF x Near_LoA	-8,214	-0,012	0,288
CHR2	2308629	CHR2:2308629	SSF x Near_LoA	-9,146	-0,029	0,288
CHR2	2308662	CHR2:2308662	SSF x Near_LoA	-8,369	0,006	0,301
CHR2	2308808	CHR2:2308808	SSF x Near_LoA	-9,223	0,005	0,288
CHR2	2308845	CHR2:2308845	SSF x Near_LoA	-10,345	0,058	0,281
CHR2	2308846	CHR2:2308846	SSF x Near_LoA	-7,095	-0,079	0,285
CHR2	2308865	CHR2:2308865	SSF x Near_LoA	-8,962	0,025	0,285
CHR2	2308876	CHR2:2308876	SSF x Near_LoA	-4,538	0,077	0,280
CHR2	2308880	CHR2:2308880	SSF x Near_LoA	-8,323	-0,022	0,292
CHR2	2308918	CHR2:2308918	SSF x Near_LoA	-8,486	-0,020	0,282
CHR2	2308921	CHR2:2308921	SSF x Near_LoA	-8,709	-0,012	0,289
CHR2	2308923	CHR2:2308923	SSF x Near_LoA	-8,430	-0,038	0,279
CHR2	2310392	CHR2:2310392	SSF x Near_LoA	-7,578	0,048	0,294
CHR2	2310411	CHR2:2310411	SSF x Near_LoA	-9,119	-0,058	0,290
CHR2	2310427	CHR2:2310427	SSF x Near_LoA	-8,323	-0,065	0,272
CHR2	2310436	CHR2:2310436	SSF x Near_LoA	-9,181	-0,066	0,285
CHR2	2310518	CHR2:2310518	SSF x Near_LoA	-7,644	-0,066	0,274

CHR2	2310615	CHR2:2310615	SSF x Near_LoA	-9,406	-0,009	0,288
CHR2	2325753	CHR2:2325753	SSF x Near_LoA	-7,452	0,026	0,289
CHR2	2325765	CHR2:2325765	SSF x Near_LoA	-8,356	-0,015	0,281
CHR2	2328335	CHR2:2328335	SSF x Near_LoA	-5,967	-0,108	0,285
CHR2	2332091	CHR2:2332091	SSF x Near_LoA	-8,077	-0,130	0,280
CHR2	2332346	CHR2:2332346	SSF x Near_LoA	-7,337	-0,020	0,292
CHR2	2334949	CHR2:2334949	SSF x Near_LoA	-8,508	0,008	0,302
CHR2	2339030	CHR2:2339030	SSF x Near_LoA	-9,945	-0,112	0,291
CHR2	2339058	CHR2:2339058	SSF x Near_LoA	-9,895	-0,123	0,282
CHR2	2339356	CHR2:2339356	SSF x Near_LoA	-10,398	-0,138	0,271
CHR2	236206	CHR2:236206	SSF x Near_LoA	-9,317	0,054	0,295
CHR2	2391012	CHR2:2391012	SSF x Near_LoA	-8,188	-0,029	0,265
CHR2	2391028	CHR2:2391028	SSF x Near_LoA	-7,565	-0,058	0,277
CHR2	2391152	CHR2:2391152	SSF x Near_LoA	-9,017	-0,060	0,290
CHR2	243108	CHR2:243108	SSF x Near_LoA	-9,162	-0,132	0,268
CHR2	2433507	CHR2:2433507	SSF x Near_LoA	-8,406	-0,033	0,271
CHR2	2433511	CHR2:2433511	SSF x Near_LoA	-9,674	-0,051	0,286
CHR2	2433529	CHR2:2433529	SSF x Near_LoA	-9,559	-0,075	0,276
CHR2	2433555	CHR2:2433555	SSF x Near_LoA	-8,914	-0,058	0,293
CHR2	2433598	CHR2:2433598	SSF x Near_LoA	-8,016	-0,079	0,297
CHR2	2433599	CHR2:2433599	SSF x Near_LoA	-7,958	-0,080	0,298
CHR2	2437931	CHR2:2437931	SSF x Near_LoA	-8,349	-0,063	0,298
CHR2	2437987	CHR2:2437987	SSF x Near_LoA	-7,423	0,030	0,304
CHR2	2437994	CHR2:2437994	SSF x Near_LoA	-10,321	0,039	0,298
CHR2	2451470	CHR2:2451470	SSF x Near_LoA	-6,905	0,142	0,301
CHR2	2456118	CHR2:2456118	SSF x Near_LoA	-6,868	0,174	0,278
CHR2	2458284	CHR2:2458284	SSF x Near_LoA	-2,028	0,249	0,268
CHR2	2458601	CHR2:2458601	SSF x Near_LoA	-8,745	0,035	0,288
CHR2	2458642	CHR2:2458642	SSF x Near_LoA	-9,793	0,099	0,276
CHR2	2497090	CHR2:2497090	SSF x Near_LoA	-7,426	-0,014	0,277
CHR2	2497161	CHR2:2497161	SSF x Near_LoA	-6,013	0,152	0,279
CHR2	2497308	CHR2:2497308	SSF x Near_LoA	-8,963	0,050	0,282
CHR2	2502925	CHR2:2502925	SSF x Near_LoA	-6,955	0,050	0,290
CHR2	2502927	CHR2:2502927	SSF x Near_LoA	-7,050	0,072	0,282
CHR2	2503067	CHR2:2503067	SSF x Near_LoA	-10,482	0,046	0,294
CHR2	2503075	CHR2:2503075	SSF x Near_LoA	-6,119	-0,139	0,291
CHR2	2503119	CHR2:2503119	SSF x Near_LoA	-6,674	0,040	0,285
CHR2	2508671	CHR2:2508671	SSF x Near_LoA	-9,762	0,084	0,270
CHR2	2508745	CHR2:2508745	SSF x Near_LoA	-7,606	0,136	0,271
CHR2	2510381	CHR2:2510381	SSF x Near_LoA	-5,666	0,227	0,272
CHR2	2518068	CHR2:2518068	SSF x Near_LoA	-7,931	-0,068	0,288
CHR2	2518469	CHR2:2518469	SSF x Near_LoA	-6,091	0,089	0,286
CHR2	2528827	CHR2:2528827	SSF x Near_LoA	-3,368	0,183	0,275
CHR2	2541695	CHR2:2541695	SSF x Near_LoA	-6,357	-0,129	0,286
CHR2	2547193	CHR2:2547193	SSF x Near_LoA	-9,106	0,015	0,285
CHR2	2547228	CHR2:2547228	SSF x Near_LoA	-5,746	-0,120	0,263
CHR2	2547277	CHR2:2547277	SSF x Near_LoA	-7,282	-0,034	0,269
CHR2	2547293	CHR2:2547293	SSF x Near_LoA	-10,119	-0,035	0,282
CHR2	2547299	CHR2:2547299	SSF x Near_LoA	-10,098	0,012	0,288
CHR2	2547319	CHR2:2547319	SSF x Near_LoA	-4,469	-0,082	0,288
CHR2	2547328	CHR2:2547328	SSF x Near_LoA	-9,659	-0,024	0,283
CHR2	2547372	CHR2:2547372	SSF x Near_LoA	-8,119	-0,023	0,279
CHR2	2552887	CHR2:2552887	SSF x Near_LoA	-9,788	0,102	0,284

CHR2	2552895	CHR2:2552895	SSF x Near_LoA	-7,059	0,113	0,287
CHR2	2574392	CHR2:2574392	SSF x Near_LoA	-4,710	-0,067	0,288
CHR2	2574447	CHR2:2574447	SSF x Near_LoA	-8,110	-0,041	0,294
CHR2	2574665	CHR2:2574665	SSF x Near_LoA	-10,258	0,030	0,297
CHR2	2582640	CHR2:2582640	SSF x Near_LoA	-7,034	-0,031	0,296
CHR2	2582650	CHR2:2582650	SSF x Near_LoA	-8,325	0,031	0,289
CHR2	2582666	CHR2:2582666	SSF x Near_LoA	-7,085	-0,062	0,296
CHR2	2593110	CHR2:2593110	SSF x Near_LoA	-8,220	0,075	0,283
CHR2	2593201	CHR2:2593201	SSF x Near_LoA	-7,801	0,022	0,289
CHR2	2593247	CHR2:2593247	SSF x Near_LoA	-7,214	-0,116	0,279
CHR2	2611292	CHR2:2611292	SSF x Near_LoA	-7,667	0,056	0,279
CHR2	2611346	CHR2:2611346	SSF x Near_LoA	-9,217	0,099	0,293
CHR2	2611350	CHR2:2611350	SSF x Near_LoA	-9,636	-0,119	0,282
CHR2	2611590	CHR2:2611590	SSF x Near_LoA	-8,493	0,048	0,286
CHR2	2629087	CHR2:2629087	SSF x Near_LoA	-7,247	-0,081	0,274
CHR2	2646933	CHR2:2646933	SSF x Near_LoA	-10,732	-0,072	0,275
CHR2	2646989	CHR2:2646989	SSF x Near_LoA	-6,560	-0,138	0,264
CHR2	2647039	CHR2:2647039	SSF x Near_LoA	-8,564	0,102	0,292
CHR2	2652918	CHR2:2652918	SSF x Near_LoA	-7,980	-0,017	0,297
CHR2	2652944	CHR2:2652944	SSF x Near_LoA	-8,556	-0,071	0,288
CHR2	2653004	CHR2:2653004	SSF x Near_LoA	-9,245	-0,022	0,298
CHR2	2663377	CHR2:2663377	SSF x Near_LoA	-8,418	0,070	0,292
CHR2	2663420	CHR2:2663420	SSF x Near_LoA	-8,422	0,058	0,294
CHR2	2663557	CHR2:2663557	SSF x Near_LoA	-2,034	0,166	0,282
CHR2	2663637	CHR2:2663637	SSF x Near_LoA	-9,213	-0,074	0,305
CHR2	2671272	CHR2:2671272	SSF x Near_LoA	-9,558	-0,004	0,287
CHR2	2671282	CHR2:2671282	SSF x Near_LoA	-6,408	-0,136	0,299
CHR2	2671313	CHR2:2671313	SSF x Near_LoA	-8,661	0,057	0,288
CHR2	2684852	CHR2:2684852	SSF x Near_LoA	-7,785	0,049	0,311
CHR2	2690713	CHR2:2690713	SSF x Near_LoA	-7,985	-0,072	0,285
CHR2	2697762	CHR2:2697762	SSF x Near_LoA	-3,368	0,000	0,286
CHR2	2697786	CHR2:2697786	SSF x Near_LoA	-6,115	0,125	0,285
CHR2	2697853	CHR2:2697853	SSF x Near_LoA	-9,466	-0,107	0,289
CHR2	2699759	CHR2:2699759	SSF x Near_LoA	-5,902	0,136	0,268
CHR2	2699761	CHR2:2699761	SSF x Near_LoA	-6,490	0,147	0,276
CHR2	2699820	CHR2:2699820	SSF x Near_LoA	-7,553	-0,045	0,296
CHR2	2699826	CHR2:2699826	SSF x Near_LoA	-8,705	-0,107	0,280
CHR2	2705624	CHR2:2705624	SSF x Near_LoA	-4,082	0,206	0,267
CHR2	2729079	CHR2:2729079	SSF x Near_LoA	-8,150	-0,102	0,285
CHR2	2729122	CHR2:2729122	SSF x Near_LoA	-8,200	-0,022	0,292
CHR2	2729176	CHR2:2729176	SSF x Near_LoA	-5,659	0,177	0,303
CHR2	2729244	CHR2:2729244	SSF x Near_LoA	-7,480	0,074	0,295
CHR2	2729395	CHR2:2729395	SSF x Near_LoA	-7,966	-0,019	0,268
CHR2	2761541	CHR2:2761541	SSF x Near_LoA	-8,337	0,055	0,273
CHR2	2761743	CHR2:2761743	SSF x Near_LoA	-7,485	0,180	0,293
CHR2	2764200	CHR2:2764200	SSF x Near_LoA	0,208	0,182	0,275
CHR2	278833	CHR2:278833	SSF x Near_LoA	-6,186	-0,129	0,287
CHR2	278897	CHR2:278897	SSF x Near_LoA	-9,224	0,085	0,290
CHR2	278971	CHR2:278971	SSF x Near_LoA	-3,311	0,099	0,303
CHR2	278974	CHR2:278974	SSF x Near_LoA	-8,697	0,111	0,295
CHR2	2802270	CHR2:2802270	SSF x Near_LoA	-6,945	0,227	0,280
CHR2	2802317	CHR2:2802317	SSF x Near_LoA	-9,209	0,114	0,301
CHR2	2802380	CHR2:2802380	SSF x Near_LoA	-4,513	-0,169	0,272

CHR2	2802395	CHR2:2802395	SSF x Near_LoA	-6,961	0,108	0,273
CHR2	2802439	CHR2:2802439	SSF x Near_LoA	0,601	0,004	0,285
CHR2	2802447	CHR2:2802447	SSF x Near_LoA	-9,067	-0,028	0,272
CHR2	2802450	CHR2:2802450	SSF x Near_LoA	-8,704	-0,005	0,286
CHR2	2802453	CHR2:2802453	SSF x Near_LoA	-9,743	0,113	0,270
CHR2	2802460	CHR2:2802460	SSF x Near_LoA	-7,434	0,038	0,285
CHR2	2802463	CHR2:2802463	SSF x Near_LoA	-7,477	0,027	0,279
CHR2	2802475	CHR2:2802475	SSF x Near_LoA	-9,730	0,013	0,285
CHR2	2802501	CHR2:2802501	SSF x Near_LoA	-8,228	-0,033	0,290
CHR2	282288	CHR2:282288	SSF x Near_LoA	-6,279	-0,123	0,276
CHR2	282516	CHR2:282516	SSF x Near_LoA	-7,520	0,017	0,296
CHR2	2825939	CHR2:2825939	SSF x Near_LoA	-6,317	-0,106	0,288
CHR2	2826044	CHR2:2826044	SSF x Near_LoA	-9,298	0,004	0,290
CHR2	2826045	CHR2:2826045	SSF x Near_LoA	-9,617	-0,026	0,293
CHR2	2829733	CHR2:2829733	SSF x Near_LoA	-3,653	-0,203	0,285
CHR2	2829745	CHR2:2829745	SSF x Near_LoA	-6,920	0,000	0,284
CHR2	2829778	CHR2:2829778	SSF x Near_LoA	-7,942	0,019	0,292
CHR2	2829842	CHR2:2829842	SSF x Near_LoA	-8,395	0,062	0,284
CHR2	2850722	CHR2:2850722	SSF x Near_LoA	-9,288	-0,014	0,281
CHR2	2850725	CHR2:2850725	SSF x Near_LoA	-7,197	-0,039	0,298
CHR2	2850786	CHR2:2850786	SSF x Near_LoA	-7,988	-0,086	0,278
CHR2	2850882	CHR2:2850882	SSF x Near_LoA	-2,732	0,280	0,248
CHR2	2852921	CHR2:2852921	SSF x Near_LoA	-7,088	0,050	0,284
CHR2	2853266	CHR2:2853266	SSF x Near_LoA	-8,952	0,004	0,270
CHR2	2853268	CHR2:2853268	SSF x Near_LoA	-5,587	0,167	0,265
CHR2	2853303	CHR2:2853303	SSF x Near_LoA	-10,024	0,031	0,295
CHR2	2853315	CHR2:2853315	SSF x Near_LoA	-6,993	-0,076	0,279
CHR2	2853345	CHR2:2853345	SSF x Near_LoA	-9,174	0,023	0,283
CHR2	2857354	CHR2:2857354	SSF x Near_LoA	-7,083	0,165	0,272
CHR2	2857419	CHR2:2857419	SSF x Near_LoA	-7,514	0,003	0,287
CHR2	2857420	CHR2:2857420	SSF x Near_LoA	-7,277	-0,150	0,294
CHR2	2857453	CHR2:2857453	SSF x Near_LoA	-8,974	-0,091	0,278
CHR2	2857454	CHR2:2857454	SSF x Near_LoA	-6,266	-0,057	0,289
CHR2	2857461	CHR2:2857461	SSF x Near_LoA	-6,197	-0,029	0,288
CHR2	2857499	CHR2:2857499	SSF x Near_LoA	-9,125	0,060	0,292
CHR2	2870276	CHR2:2870276	SSF x Near_LoA	-8,653	-0,025	0,282
CHR2	2870294	CHR2:2870294	SSF x Near_LoA	-7,785	-0,132	0,295
CHR2	2874681	CHR2:2874681	SSF x Near_LoA	-9,177	0,076	0,276
CHR2	2874746	CHR2:2874746	SSF x Near_LoA	-6,577	-0,073	0,285
CHR2	2877896	CHR2:2877896	SSF x Near_LoA	-6,610	-0,024	0,288
CHR2	2878103	CHR2:2878103	SSF x Near_LoA	-8,886	-0,099	0,283
CHR2	2878163	CHR2:2878163	SSF x Near_LoA	-8,955	-0,101	0,271
CHR2	2884610	CHR2:2884610	SSF x Near_LoA	-9,242	-0,044	0,286
CHR2	2884622	CHR2:2884622	SSF x Near_LoA	-7,596	-0,114	0,293
CHR2	2903224	CHR2:2903224	SSF x Near_LoA	-8,160	-0,033	0,285
CHR2	2914543	CHR2:2914543	SSF x Near_LoA	-8,862	-0,076	0,290
CHR2	2914646	CHR2:2914646	SSF x Near_LoA	-1,620	-0,175	0,299
CHR2	2957976	CHR2:2957976	SSF x Near_LoA	-7,449	0,062	0,295
CHR2	2958069	CHR2:2958069	SSF x Near_LoA	-10,952	-0,086	0,271
CHR2	2958203	CHR2:2958203	SSF x Near_LoA	-7,852	-0,053	0,305
CHR2	2992045	CHR2:2992045	SSF x Near_LoA	-7,572	0,070	0,295
CHR2	2992069	CHR2:2992069	SSF x Near_LoA	-8,254	-0,102	0,288
CHR2	2992108	CHR2:2992108	SSF x Near_LoA	-8,431	0,057	0,283

CHR2	2992145	CHR2:2992145	SSF x Near_LoA	-7,899	-0,102	0,288
CHR2	2992160	CHR2:2992160	SSF x Near_LoA	-9,544	-0,114	0,279
CHR2	2992602	CHR2:2992602	SSF x Near_LoA	-8,772	0,041	0,280
CHR2	299384	CHR2:299384	SSF x Near_LoA	-8,476	0,039	0,294
CHR2	2995405	CHR2:2995405	SSF x Near_LoA	-9,591	0,055	0,288
CHR2	2995468	CHR2:2995468	SSF x Near_LoA	-10,490	0,061	0,287
CHR2	2995477	CHR2:2995477	SSF x Near_LoA	-5,770	0,084	0,281
CHR2	2995491	CHR2:2995491	SSF x Near_LoA	-7,753	0,099	0,297
CHR2	300142	CHR2:300142	SSF x Near_LoA	-9,877	0,096	0,274
CHR2	300200	CHR2:300200	SSF x Near_LoA	-8,488	0,110	0,282
CHR2	3016054	CHR2:3016054	SSF x Near_LoA	-3,294	0,071	0,292
CHR2	3016118	CHR2:3016118	SSF x Near_LoA	-9,096	-0,013	0,300
CHR2	3016138	CHR2:3016138	SSF x Near_LoA	-6,417	0,039	0,292
CHR2	3027498	CHR2:3027498	SSF x Near_LoA	-6,526	-0,026	0,299
CHR2	3027548	CHR2:3027548	SSF x Near_LoA	-6,554	-0,061	0,287
CHR2	3027572	CHR2:3027572	SSF x Near_LoA	-7,583	-0,081	0,297
CHR2	3027607	CHR2:3027607	SSF x Near_LoA	-9,582	0,048	0,279
CHR2	3027670	CHR2:3027670	SSF x Near_LoA	-7,380	0,094	0,292
CHR2	3027697	CHR2:3027697	SSF x Near_LoA	-8,352	-0,056	0,296
CHR2	3029658	CHR2:3029658	SSF x Near_LoA	-7,897	0,095	0,279
CHR2	3029690	CHR2:3029690	SSF x Near_LoA	-8,905	-0,125	0,285
CHR2	3029766	CHR2:3029766	SSF x Near_LoA	-8,661	-0,077	0,289
CHR2	3029772	CHR2:3029772	SSF x Near_LoA	-7,932	0,050	0,275
CHR2	3029775	CHR2:3029775	SSF x Near_LoA	-8,256	-0,008	0,279
CHR2	3029799	CHR2:3029799	SSF x Near_LoA	-7,008	0,081	0,276
CHR2	3029811	CHR2:3029811	SSF x Near_LoA	-8,865	0,104	0,287
CHR2	3033322	CHR2:3033322	SSF x Near_LoA	-6,436	0,066	0,289
CHR2	3033365	CHR2:3033365	SSF x Near_LoA	-5,241	0,008	0,296
CHR2	3036947	CHR2:3036947	SSF x Near_LoA	-7,723	0,153	0,261
CHR2	3036974	CHR2:3036974	SSF x Near_LoA	-6,041	-0,209	0,289
CHR2	3036981	CHR2:3036981	SSF x Near_LoA	-10,874	0,032	0,274
CHR2	3036984	CHR2:3036984	SSF x Near_LoA	-7,771	0,091	0,295
CHR2	3037041	CHR2:3037041	SSF x Near_LoA	-8,942	0,056	0,292
CHR2	3037044	CHR2:3037044	SSF x Near_LoA	-9,995	-0,030	0,285
CHR2	3037061	CHR2:3037061	SSF x Near_LoA	-7,921	0,118	0,284
CHR2	3037089	CHR2:3037089	SSF x Near_LoA	-9,422	-0,008	0,293
CHR2	3037109	CHR2:3037109	SSF x Near_LoA	-9,300	-0,012	0,293
CHR2	3037152	CHR2:3037152	SSF x Near_LoA	-10,215	0,020	0,292
CHR2	3040160	CHR2:3040160	SSF x Near_LoA	-8,980	-0,042	0,279
CHR2	3040171	CHR2:3040171	SSF x Near_LoA	-6,174	0,123	0,266
CHR2	3040173	CHR2:3040173	SSF x Near_LoA	-7,790	0,143	0,286
CHR2	3040186	CHR2:3040186	SSF x Near_LoA	-8,459	0,008	0,283
CHR2	3040188	CHR2:3040188	SSF x Near_LoA	-8,477	0,112	0,286
CHR2	3040190	CHR2:3040190	SSF x Near_LoA	-9,015	-0,043	0,294
CHR2	3040340	CHR2:3040340	SSF x Near_LoA	-10,434	-0,002	0,282
CHR2	3040351	CHR2:3040351	SSF x Near_LoA	-7,681	-0,005	0,294
CHR2	3042175	CHR2:3042175	SSF x Near_LoA	-5,851	-0,149	0,290
CHR2	3042281	CHR2:3042281	SSF x Near_LoA	-11,108	-0,049	0,274
CHR2	3042469	CHR2:3042469	SSF x Near_LoA	-5,868	0,094	0,289
CHR2	304903	CHR2:304903	SSF x Near_LoA	-7,625	-0,155	0,277
CHR2	3065965	CHR2:3065965	SSF x Near_LoA	-4,443	0,214	0,267
CHR2	3081223	CHR2:3081223	SSF x Near_LoA	-7,708	-0,052	0,277
CHR2	3081273	CHR2:3081273	SSF x Near_LoA	-9,321	-0,043	0,297

CHR2	3081304	CHR2:3081304	SSF x Near_LoA	-9,209	-0,067	0,286
CHR2	3081403	CHR2:3081403	SSF x Near_LoA	-6,735	-0,128	0,280
CHR2	3081422	CHR2:3081422	SSF x Near_LoA	-8,836	-0,025	0,285
CHR2	3081424	CHR2:3081424	SSF x Near_LoA	-10,352	0,016	0,280
CHR2	3081441	CHR2:3081441	SSF x Near_LoA	-10,923	-0,025	0,290
CHR2	308839	CHR2:308839	SSF x Near_LoA	-10,063	0,060	0,282
CHR2	308949	CHR2:308949	SSF x Near_LoA	-9,878	0,030	0,280
CHR2	3091439	CHR2:3091439	SSF x Near_LoA	-7,249	0,083	0,287
CHR2	3091614	CHR2:3091614	SSF x Near_LoA	-8,836	-0,089	0,286
CHR2	3091645	CHR2:3091645	SSF x Near_LoA	-9,448	-0,058	0,302
CHR2	3091667	CHR2:3091667	SSF x Near_LoA	-8,192	0,015	0,287
CHR2	3094659	CHR2:3094659	SSF x Near_LoA	-8,931	0,138	0,275
CHR2	3094777	CHR2:3094777	SSF x Near_LoA	-3,470	0,225	0,272
CHR2	3094912	CHR2:3094912	SSF x Near_LoA	-8,160	-0,052	0,296
CHR2	3097789	CHR2:3097789	SSF x Near_LoA	-6,977	-0,099	0,282
CHR2	3110918	CHR2:3110918	SSF x Near_LoA	-9,877	-0,010	0,288
CHR2	3110923	CHR2:3110923	SSF x Near_LoA	-9,218	-0,082	0,276
CHR2	3110924	CHR2:3110924	SSF x Near_LoA	1,190	-0,191	0,269
CHR2	3111022	CHR2:3111022	SSF x Near_LoA	-8,289	0,078	0,292
CHR2	3111045	CHR2:3111045	SSF x Near_LoA	-6,870	-0,016	0,287
CHR2	3112769	CHR2:3112769	SSF x Near_LoA	-11,074	-0,032	0,285
CHR2	3117307	CHR2:3117307	SSF x Near_LoA	-6,222	-0,112	0,282
CHR2	3122217	CHR2:3122217	SSF x Near_LoA	-9,339	-0,092	0,296
CHR2	3122234	CHR2:3122234	SSF x Near_LoA	-6,343	-0,103	0,287
CHR2	3122293	CHR2:3122293	SSF x Near_LoA	-6,571	-0,108	0,294
CHR2	3122428	CHR2:3122428	SSF x Near_LoA	-7,843	0,043	0,289
CHR2	3132858	CHR2:3132858	SSF x Near_LoA	-7,763	-0,065	0,284
CHR2	3140866	CHR2:3140866	SSF x Near_LoA	-6,592	0,029	0,306
CHR2	3140878	CHR2:3140878	SSF x Near_LoA	-6,913	-0,049	0,299
CHR2	3140898	CHR2:3140898	SSF x Near_LoA	-1,958	0,073	0,288
CHR2	3140902	CHR2:3140902	SSF x Near_LoA	-7,615	0,082	0,297
CHR2	3140915	CHR2:3140915	SSF x Near_LoA	-7,480	-0,009	0,306
CHR2	3140942	CHR2:3140942	SSF x Near_LoA	-6,326	0,012	0,304
CHR2	3140959	CHR2:3140959	SSF x Near_LoA	-7,428	0,000	0,307
CHR2	3140985	CHR2:3140985	SSF x Near_LoA	-6,220	0,023	0,296
CHR2	3140994	CHR2:3140994	SSF x Near_LoA	-7,392	-0,009	0,297
CHR2	3141063	CHR2:3141063	SSF x Near_LoA	-6,363	-0,082	0,291
CHR2	3143602	CHR2:3143602	SSF x Near_LoA	-5,859	0,048	0,298
CHR2	343245	CHR2:343245	SSF x Near_LoA	-6,750	-0,059	0,284
CHR2	343297	CHR2:343297	SSF x Near_LoA	-9,127	0,035	0,283
CHR2	3548960	CHR2:3548960	SSF x Near_LoA	-9,336	0,057	0,291
CHR2	3551024	CHR2:3551024	SSF x Near_LoA	-10,467	-0,008	0,285
CHR2	3604217	CHR2:3604217	SSF x Near_LoA	-5,536	0,176	0,277
CHR2	365476	CHR2:365476	SSF x Near_LoA	-9,515	-0,009	0,295
CHR2	365521	CHR2:365521	SSF x Near_LoA	-8,670	-0,076	0,299
CHR2	365578	CHR2:365578	SSF x Near_LoA	-7,950	0,036	0,280
CHR2	3664647	CHR2:3664647	SSF x Near_LoA	-7,141	0,016	0,304
CHR2	3673288	CHR2:3673288	SSF x Near_LoA	-10,791	0,015	0,286
CHR2	3673349	CHR2:3673349	SSF x Near_LoA	-7,244	-0,092	0,287
CHR2	3679088	CHR2:3679088	SSF x Near_LoA	-7,393	0,034	0,296
CHR2	3679154	CHR2:3679154	SSF x Near_LoA	-6,802	0,014	0,284
CHR2	368379	CHR2:368379	SSF x Near_LoA	-9,493	-0,095	0,272
CHR2	3687655	CHR2:3687655	SSF x Near_LoA	-7,000	-0,031	0,282

CHR2	3687667	CHR2:3687667	SSF x Near_LoA	-8,023	0,012	0,288
CHR2	3723400	CHR2:3723400	SSF x Near_LoA	-10,019	-0,127	0,285
CHR2	3723407	CHR2:3723407	SSF x Near_LoA	-8,280	0,021	0,274
CHR2	3723525	CHR2:3723525	SSF x Near_LoA	-7,948	-0,064	0,292
CHR2	3745404	CHR2:3745404	SSF x Near_LoA	-8,155	-0,068	0,274
CHR2	377725	CHR2:377725	SSF x Near_LoA	-8,215	0,004	0,284
CHR2	377744	CHR2:377744	SSF x Near_LoA	-8,888	0,008	0,290
CHR2	3788223	CHR2:3788223	SSF x Near_LoA	-7,162	0,055	0,305
CHR2	3788313	CHR2:3788313	SSF x Near_LoA	-10,561	-0,045	0,283
CHR2	3788427	CHR2:3788427	SSF x Near_LoA	-7,143	0,015	0,286
CHR2	3788437	CHR2:3788437	SSF x Near_LoA	-6,621	-0,029	0,282
CHR2	3788466	CHR2:3788466	SSF x Near_LoA	-8,130	-0,014	0,281
CHR2	3808376	CHR2:3808376	SSF x Near_LoA	-10,166	-0,007	0,285
CHR2	3826946	CHR2:3826946	SSF x Near_LoA	-7,660	-0,075	0,291
CHR2	385039	CHR2:385039	SSF x Near_LoA	-8,014	0,020	0,280
CHR2	385128	CHR2:385128	SSF x Near_LoA	-7,121	0,009	0,284
CHR2	3866159	CHR2:3866159	SSF x Near_LoA	-9,391	-0,058	0,279
CHR2	3874711	CHR2:3874711	SSF x Near_LoA	-7,622	0,063	0,283
CHR2	3874781	CHR2:3874781	SSF x Near_LoA	-9,491	-0,025	0,273
CHR2	3874794	CHR2:3874794	SSF x Near_LoA	-9,281	0,052	0,284
CHR2	3894300	CHR2:3894300	SSF x Near_LoA	-8,353	-0,041	0,287
CHR2	3894460	CHR2:3894460	SSF x Near_LoA	-4,474	0,284	0,258
CHR2	3896163	CHR2:3896163	SSF x Near_LoA	-6,410	0,157	0,279
CHR2	3896245	CHR2:3896245	SSF x Near_LoA	-10,120	-0,020	0,282
CHR2	3957836	CHR2:3957836	SSF x Near_LoA	-7,350	0,070	0,293
CHR2	397029	CHR2:397029	SSF x Near_LoA	-7,160	0,095	0,286
CHR2	397110	CHR2:397110	SSF x Near_LoA	-7,413	0,009	0,296
CHR2	397139	CHR2:397139	SSF x Near_LoA	-7,432	0,007	0,288
CHR2	401691	CHR2:401691	SSF x Near_LoA	-7,836	-0,092	0,283
CHR2	421292	CHR2:421292	SSF x Near_LoA	-7,110	0,176	0,273
CHR2	421386	CHR2:421386	SSF x Near_LoA	-8,426	-0,029	0,282
CHR2	445611	CHR2:445611	SSF x Near_LoA	-9,444	-0,022	0,297
CHR2	445838	CHR2:445838	SSF x Near_LoA	-7,703	-0,029	0,289
CHR2	453865	CHR2:453865	SSF x Near_LoA	-8,186	0,028	0,293
CHR2	453879	CHR2:453879	SSF x Near_LoA	-6,832	0,054	0,297
CHR2	454222	CHR2:454222	SSF x Near_LoA	-7,525	0,069	0,277
CHR2	465760	CHR2:465760	SSF x Near_LoA	-8,345	0,048	0,281
CHR2	465786	CHR2:465786	SSF x Near_LoA	-8,084	0,010	0,295
CHR2	472128	CHR2:472128	SSF x Near_LoA	-9,969	0,010	0,298
CHR2	472202	CHR2:472202	SSF x Near_LoA	-4,259	0,213	0,278
CHR2	472261	CHR2:472261	SSF x Near_LoA	-4,288	0,156	0,303
CHR2	514443	CHR2:514443	SSF x Near_LoA	-3,658	-0,250	0,266
CHR2	523147	CHR2:523147	SSF x Near_LoA	-8,178	-0,076	0,293
CHR2	523200	CHR2:523200	SSF x Near_LoA	-8,328	-0,040	0,294
CHR2	523213	CHR2:523213	SSF x Near_LoA	-7,703	-0,064	0,287
CHR2	523255	CHR2:523255	SSF x Near_LoA	-8,289	-0,061	0,287
CHR2	523267	CHR2:523267	SSF x Near_LoA	-8,470	-0,062	0,285
CHR2	523321	CHR2:523321	SSF x Near_LoA	-8,872	-0,020	0,286
CHR2	535439	CHR2:535439	SSF x Near_LoA	-6,919	-0,158	0,276
CHR2	547909	CHR2:547909	SSF x Near_LoA	-7,791	0,166	0,278
CHR2	578974	CHR2:578974	SSF x Near_LoA	-9,156	0,146	0,284
CHR2	579190	CHR2:579190	SSF x Near_LoA	-7,676	0,041	0,286
CHR2	581016	CHR2:581016	SSF x Near_LoA	-10,535	0,016	0,286

CHR2	584039	CHR2:584039	SSF x Near_LoA	-6,318	0,143	0,282
CHR2	584041	CHR2:584041	SSF x Near_LoA	-10,106	-0,003	0,285
CHR2	604021	CHR2:604021	SSF x Near_LoA	-9,847	0,070	0,278
CHR2	604055	CHR2:604055	SSF x Near_LoA	-3,921	0,159	0,290
CHR2	616666	CHR2:616666	SSF x Near_LoA	-4,230	0,129	0,294
CHR2	616686	CHR2:616686	SSF x Near_LoA	-9,701	-0,019	0,302
CHR2	616718	CHR2:616718	SSF x Near_LoA	-7,448	0,045	0,293
CHR2	618478	CHR2:618478	SSF x Near_LoA	-8,012	-0,067	0,293
CHR2	618685	CHR2:618685	SSF x Near_LoA	-9,419	-0,104	0,273
CHR2	618795	CHR2:618795	SSF x Near_LoA	-8,693	0,057	0,299
CHR2	627112	CHR2:627112	SSF x Near_LoA	-9,330	0,051	0,297
CHR2	650987	CHR2:650987	SSF x Near_LoA	-8,645	-0,081	0,275
CHR2	651011	CHR2:651011	SSF x Near_LoA	-8,602	0,109	0,262
CHR2	651012	CHR2:651012	SSF x Near_LoA	-9,024	-0,063	0,294
CHR2	651036	CHR2:651036	SSF x Near_LoA	-5,819	0,056	0,286
CHR2	651042	CHR2:651042	SSF x Near_LoA	-7,410	0,078	0,284
CHR2	651146	CHR2:651146	SSF x Near_LoA	-8,195	0,093	0,286
CHR2	651193	CHR2:651193	SSF x Near_LoA	-8,674	-0,067	0,280
CHR2	653382	CHR2:653382	SSF x Near_LoA	-9,013	0,037	0,288
CHR2	654267	CHR2:654267	SSF x Near_LoA	-7,660	0,032	0,281
CHR2	656608	CHR2:656608	SSF x Near_LoA	-7,500	-0,059	0,297
CHR2	656887	CHR2:656887	SSF x Near_LoA	-10,959	0,000	0,290
CHR2	6730510	CHR2:6730510	SSF x Near_LoA	-5,781	0,079	0,298
CHR2	6732382	CHR2:6732382	SSF x Near_LoA	-6,334	0,128	0,278
CHR2	6787146	CHR2:6787146	SSF x Near_LoA	-2,795	-0,183	0,268
CHR2	6838590	CHR2:6838590	SSF x Near_LoA	-9,045	0,051	0,299
CHR2	6838655	CHR2:6838655	SSF x Near_LoA	-7,124	0,087	0,278
CHR2	6861170	CHR2:6861170	SSF x Near_LoA	-7,545	-0,074	0,285
CHR2	687274	CHR2:687274	SSF x Near_LoA	-7,925	-0,043	0,295
CHR2	6875708	CHR2:6875708	SSF x Near_LoA	-8,301	0,005	0,288
CHR2	6915596	CHR2:6915596	SSF x Near_LoA	-9,129	-0,001	0,286
CHR2	6915874	CHR2:6915874	SSF x Near_LoA	-10,111	0,062	0,288
CHR2	6920674	CHR2:6920674	SSF x Near_LoA	-9,154	0,035	0,290
CHR2	6927363	CHR2:6927363	SSF x Near_LoA	-7,497	-0,011	0,289
CHR2	6935283	CHR2:6935283	SSF x Near_LoA	-6,456	-0,135	0,280
CHR2	6937488	CHR2:6937488	SSF x Near_LoA	-10,294	-0,027	0,280
CHR2	6937548	CHR2:6937548	SSF x Near_LoA	-8,283	0,026	0,283
CHR2	6937650	CHR2:6937650	SSF x Near_LoA	-8,597	-0,030	0,291
CHR2	6951512	CHR2:6951512	SSF x Near_LoA	-9,109	0,062	0,293
CHR2	6951709	CHR2:6951709	SSF x Near_LoA	-9,322	0,120	0,284
CHR2	6960850	CHR2:6960850	SSF x Near_LoA	-8,077	-0,044	0,288
CHR2	6972673	CHR2:6972673	SSF x Near_LoA	-7,160	0,048	0,298
CHR2	6972688	CHR2:6972688	SSF x Near_LoA	-7,111	0,024	0,297
CHR2	6974641	CHR2:6974641	SSF x Near_LoA	-5,171	-0,184	0,266
CHR2	6974865	CHR2:6974865	SSF x Near_LoA	-4,913	-0,067	0,285
CHR2	699358	CHR2:699358	SSF x Near_LoA	-6,817	0,098	0,287
CHR2	699366	CHR2:699366	SSF x Near_LoA	-8,822	-0,113	0,289
CHR2	6996443	CHR2:6996443	SSF x Near_LoA	-5,799	-0,107	0,296
CHR2	6996449	CHR2:6996449	SSF x Near_LoA	-8,929	-0,017	0,280
CHR2	6996483	CHR2:6996483	SSF x Near_LoA	-5,977	-0,104	0,289
CHR2	6996489	CHR2:6996489	SSF x Near_LoA	-4,552	-0,110	0,305
CHR2	6996531	CHR2:6996531	SSF x Near_LoA	-8,247	0,001	0,292
CHR2	7014460	CHR2:7014460	SSF x Near_LoA	-9,455	-0,025	0,293

CHR2	703321	CHR2:703321	SSF x Near_LoA	-9,610	-0,103	0,300
CHR2	703633	CHR2:703633	SSF x Near_LoA	-6,793	-0,083	0,278
CHR2	703655	CHR2:703655	SSF x Near_LoA	-8,392	0,054	0,291
CHR2	703661	CHR2:703661	SSF x Near_LoA	-7,743	-0,064	0,279
CHR2	703683	CHR2:703683	SSF x Near_LoA	-7,319	0,004	0,281
CHR2	703699	CHR2:703699	SSF x Near_LoA	-8,633	-0,044	0,270
CHR2	7048314	CHR2:7048314	SSF x Near_LoA	-8,225	0,011	0,273
CHR2	7048322	CHR2:7048322	SSF x Near_LoA	-8,501	0,024	0,270
CHR2	7048403	CHR2:7048403	SSF x Near_LoA	-9,129	-0,013	0,294
CHR2	7062456	CHR2:7062456	SSF x Near_LoA	-8,925	0,009	0,283
CHR2	7070605	CHR2:7070605	SSF x Near_LoA	-10,097	0,024	0,287
CHR2	7070658	CHR2:7070658	SSF x Near_LoA	-7,131	-0,143	0,283
CHR2	7070698	CHR2:7070698	SSF x Near_LoA	-8,204	0,059	0,273
CHR2	7070806	CHR2:7070806	SSF x Near_LoA	-6,727	0,001	0,297
CHR2	7072670	CHR2:7072670	SSF x Near_LoA	-8,420	-0,053	0,303
CHR2	7077139	CHR2:7077139	SSF x Near_LoA	-8,857	-0,034	0,298
CHR2	7077392	CHR2:7077392	SSF x Near_LoA	-7,978	-0,078	0,292
CHR2	7080080	CHR2:7080080	SSF x Near_LoA	-10,026	0,078	0,274
CHR2	7080095	CHR2:7080095	SSF x Near_LoA	-5,830	0,143	0,287
CHR2	708045	CHR2:708045	SSF x Near_LoA	-6,357	-0,150	0,269
CHR2	708113	CHR2:708113	SSF x Near_LoA	-9,215	-0,095	0,273
CHR2	7097494	CHR2:7097494	SSF x Near_LoA	-9,532	-0,057	0,277
CHR2	7097495	CHR2:7097495	SSF x Near_LoA	-8,408	-0,040	0,286
CHR2	7107333	CHR2:7107333	SSF x Near_LoA	-10,625	0,010	0,292
CHR2	711546	CHR2:711546	SSF x Near_LoA	-10,252	0,080	0,267
CHR2	714683	CHR2:714683	SSF x Near_LoA	-8,258	0,027	0,278
CHR2	7150166	CHR2:7150166	SSF x Near_LoA	-7,793	-0,025	0,286
CHR2	7150354	CHR2:7150354	SSF x Near_LoA	-8,982	-0,137	0,277
CHR2	7150366	CHR2:7150366	SSF x Near_LoA	-4,344	-0,184	0,281
CHR2	7153563	CHR2:7153563	SSF x Near_LoA	-7,555	0,007	0,290
CHR2	7153580	CHR2:7153580	SSF x Near_LoA	-6,347	0,057	0,295
CHR2	7155641	CHR2:7155641	SSF x Near_LoA	-8,266	0,004	0,274
CHR2	7159685	CHR2:7159685	SSF x Near_LoA	-7,649	-0,036	0,288
CHR2	7163473	CHR2:7163473	SSF x Near_LoA	-4,840	0,157	0,279
CHR2	7166505	CHR2:7166505	SSF x Near_LoA	-9,126	-0,130	0,285
CHR2	7166506	CHR2:7166506	SSF x Near_LoA	-8,179	-0,112	0,294
CHR2	7166625	CHR2:7166625	SSF x Near_LoA	-8,941	-0,117	0,278
CHR2	7166628	CHR2:7166628	SSF x Near_LoA	-8,347	-0,098	0,300
CHR2	7176547	CHR2:7176547	SSF x Near_LoA	-9,752	-0,037	0,287
CHR2	7176563	CHR2:7176563	SSF x Near_LoA	-10,317	-0,021	0,280
CHR2	7179627	CHR2:7179627	SSF x Near_LoA	-8,750	0,078	0,279
CHR2	7179693	CHR2:7179693	SSF x Near_LoA	-10,266	0,009	0,282
CHR2	7179778	CHR2:7179778	SSF x Near_LoA	-7,941	0,079	0,280
CHR2	7179917	CHR2:7179917	SSF x Near_LoA	-8,692	0,070	0,279
CHR2	7193622	CHR2:7193622	SSF x Near_LoA	-6,190	0,022	0,302
CHR2	7220209	CHR2:7220209	SSF x Near_LoA	-10,110	-0,040	0,299
CHR2	7220354	CHR2:7220354	SSF x Near_LoA	-9,409	-0,055	0,280
CHR2	7220355	CHR2:7220355	SSF x Near_LoA	-8,236	0,004	0,270
CHR2	7220356	CHR2:7220356	SSF x Near_LoA	-8,859	-0,061	0,289
CHR2	7220528	CHR2:7220528	SSF x Near_LoA	-8,099	0,057	0,279
CHR2	7220529	CHR2:7220529	SSF x Near_LoA	-7,545	-0,116	0,287
CHR2	7254985	CHR2:7254985	SSF x Near_LoA	-7,106	0,191	0,272
CHR2	7265598	CHR2:7265598	SSF x Near_LoA	-10,044	-0,012	0,303

CHR2	7265619	CHR2:7265619	SSF x Near_LoA	-10,333	0,001	0,296
CHR2	7266785	CHR2:7266785	SSF x Near_LoA	-9,117	0,051	0,280
CHR2	7266795	CHR2:7266795	SSF x Near_LoA	-6,775	0,124	0,270
CHR2	7266816	CHR2:7266816	SSF x Near_LoA	-8,561	-0,152	0,299
CHR2	7266859	CHR2:7266859	SSF x Near_LoA	-5,877	0,104	0,270
CHR2	7266896	CHR2:7266896	SSF x Near_LoA	4,281	0,107	0,280
CHR2	7266900	CHR2:7266900	SSF x Near_LoA	-6,655	0,015	0,287
CHR2	7266947	CHR2:7266947	SSF x Near_LoA	-8,921	0,122	0,271
CHR2	7269268	CHR2:7269268	SSF x Near_LoA	-7,770	-0,048	0,297
CHR2	7269303	CHR2:7269303	SSF x Near_LoA	-9,365	0,009	0,301
CHR2	7273345	CHR2:7273345	SSF x Near_LoA	-7,568	-0,186	0,273
CHR2	7277748	CHR2:7277748	SSF x Near_LoA	-7,873	-0,072	0,284
CHR2	7277856	CHR2:7277856	SSF x Near_LoA	-8,587	-0,003	0,282
CHR2	7277957	CHR2:7277957	SSF x Near_LoA	-7,545	0,047	0,302
CHR2	7277961	CHR2:7277961	SSF x Near_LoA	-8,716	0,018	0,293
CHR2	7277990	CHR2:7277990	SSF x Near_LoA	-6,408	-0,156	0,287
CHR2	7282759	CHR2:7282759	SSF x Near_LoA	-7,697	0,032	0,290
CHR2	7282775	CHR2:7282775	SSF x Near_LoA	-5,989	0,048	0,291
CHR2	7283327	CHR2:7283327	SSF x Near_LoA	-5,577	0,129	0,274
CHR2	7283412	CHR2:7283412	SSF x Near_LoA	-9,991	-0,036	0,303
CHR2	7283423	CHR2:7283423	SSF x Near_LoA	-10,451	0,067	0,282
CHR2	7289128	CHR2:7289128	SSF x Near_LoA	-7,739	-0,031	0,282
CHR2	7289131	CHR2:7289131	SSF x Near_LoA	0,002	-0,173	0,280
CHR2	7297248	CHR2:7297248	SSF x Near_LoA	-7,852	0,020	0,293
CHR2	7297263	CHR2:7297263	SSF x Near_LoA	-7,251	0,055	0,284
CHR2	7297371	CHR2:7297371	SSF x Near_LoA	-7,823	0,022	0,299
CHR2	7337181	CHR2:7337181	SSF x Near_LoA	-4,585	0,050	0,287
CHR2	7337183	CHR2:7337183	SSF x Near_LoA	-7,829	-0,159	0,289
CHR2	7355693	CHR2:7355693	SSF x Near_LoA	-3,844	0,059	0,286
CHR2	7355925	CHR2:7355925	SSF x Near_LoA	-9,184	0,049	0,288
CHR2	7363432	CHR2:7363432	SSF x Near_LoA	-8,674	-0,108	0,289
CHR2	7363449	CHR2:7363449	SSF x Near_LoA	-9,796	0,029	0,303
CHR2	7363497	CHR2:7363497	SSF x Near_LoA	-7,349	0,064	0,292
CHR2	7363623	CHR2:7363623	SSF x Near_LoA	-7,671	0,088	0,285
CHR2	7363724	CHR2:7363724	SSF x Near_LoA	-8,819	-0,026	0,282
CHR2	7363776	CHR2:7363776	SSF x Near_LoA	-6,187	0,203	0,257
CHR2	7363781	CHR2:7363781	SSF x Near_LoA	-7,727	0,061	0,280
CHR2	7363817	CHR2:7363817	SSF x Near_LoA	-7,394	0,052	0,278
CHR2	7363819	CHR2:7363819	SSF x Near_LoA	-7,538	0,067	0,278
CHR2	7378542	CHR2:7378542	SSF x Near_LoA	-7,520	0,075	0,295
CHR2	7378547	CHR2:7378547	SSF x Near_LoA	-8,165	-0,062	0,288
CHR2	7378613	CHR2:7378613	SSF x Near_LoA	-6,607	-0,013	0,302
CHR2	7396989	CHR2:7396989	SSF x Near_LoA	-8,014	0,030	0,283
CHR2	7397022	CHR2:7397022	SSF x Near_LoA	-7,812	0,070	0,290
CHR2	7397027	CHR2:7397027	SSF x Near_LoA	-8,617	-0,005	0,294
CHR2	7397030	CHR2:7397030	SSF x Near_LoA	-7,179	0,099	0,280
CHR2	7397055	CHR2:7397055	SSF x Near_LoA	-5,715	0,092	0,283
CHR2	740465	CHR2:740465	SSF x Near_LoA	-10,667	-0,018	0,281
CHR2	740787	CHR2:740787	SSF x Near_LoA	-7,665	0,022	0,295
CHR2	7411587	CHR2:7411587	SSF x Near_LoA	-9,563	0,046	0,283
CHR2	7415684	CHR2:7415684	SSF x Near_LoA	-10,095	0,025	0,298
CHR2	7415696	CHR2:7415696	SSF x Near_LoA	-8,357	0,053	0,270
CHR2	7432452	CHR2:7432452	SSF x Near_LoA	-6,637	0,042	0,290

CHR2	744638	CHR2:744638	SSF x Near_LoA	-8,264	0,129	0,283
CHR2	746074	CHR2:746074	SSF x Near_LoA	-9,413	-0,032	0,296
CHR2	746122	CHR2:746122	SSF x Near_LoA	-7,330	-0,028	0,287
CHR2	746132	CHR2:746132	SSF x Near_LoA	-3,754	-0,099	0,295
CHR2	7484919	CHR2:7484919	SSF x Near_LoA	-8,149	0,076	0,282
CHR2	7484976	CHR2:7484976	SSF x Near_LoA	-4,729	-0,198	0,281
CHR2	757911	CHR2:757911	SSF x Near_LoA	-9,523	-0,019	0,283
CHR2	758049	CHR2:758049	SSF x Near_LoA	-7,716	-0,030	0,286
CHR2	758092	CHR2:758092	SSF x Near_LoA	-6,946	0,110	0,282
CHR2	758098	CHR2:758098	SSF x Near_LoA	-5,317	0,064	0,289
CHR2	758120	CHR2:758120	SSF x Near_LoA	-5,095	-0,129	0,288
CHR2	758145	CHR2:758145	SSF x Near_LoA	-7,979	0,058	0,271
CHR2	758151	CHR2:758151	SSF x Near_LoA	-7,846	-0,067	0,278
CHR2	7593718	CHR2:7593718	SSF x Near_LoA	-7,694	0,047	0,285
CHR2	7593749	CHR2:7593749	SSF x Near_LoA	-7,611	0,034	0,295
CHR2	7593765	CHR2:7593765	SSF x Near_LoA	-8,157	0,016	0,282
CHR2	7593851	CHR2:7593851	SSF x Near_LoA	-5,669	-0,116	0,288
CHR2	7597166	CHR2:7597166	SSF x Near_LoA	-8,863	0,057	0,276
CHR2	7610797	CHR2:7610797	SSF x Near_LoA	-7,500	-0,055	0,295
CHR2	7629389	CHR2:7629389	SSF x Near_LoA	-7,992	-0,027	0,289
CHR2	7629418	CHR2:7629418	SSF x Near_LoA	-5,706	-0,088	0,274
CHR2	7629478	CHR2:7629478	SSF x Near_LoA	-7,000	0,109	0,284
CHR2	7629596	CHR2:7629596	SSF x Near_LoA	-5,402	-0,151	0,284
CHR2	7649041	CHR2:7649041	SSF x Near_LoA	-6,775	-0,032	0,277
CHR2	7649072	CHR2:7649072	SSF x Near_LoA	-8,896	0,044	0,283
CHR2	7649136	CHR2:7649136	SSF x Near_LoA	-9,843	0,052	0,279
CHR2	7649990	CHR2:7649990	SSF x Near_LoA	-6,311	0,058	0,295
CHR2	7673945	CHR2:7673945	SSF x Near_LoA	-7,834	-0,054	0,297
CHR2	7683398	CHR2:7683398	SSF x Near_LoA	-8,425	-0,001	0,287
CHR2	7695476	CHR2:7695476	SSF x Near_LoA	-10,004	-0,042	0,292
CHR2	7697903	CHR2:7697903	SSF x Near_LoA	-9,780	-0,025	0,287
CHR2	7697970	CHR2:7697970	SSF x Near_LoA	-7,325	-0,133	0,282
CHR2	772359	CHR2:772359	SSF x Near_LoA	-8,737	-0,021	0,287
CHR2	772384	CHR2:772384	SSF x Near_LoA	-9,932	-0,110	0,277
CHR2	7729847	CHR2:7729847	SSF x Near_LoA	-7,885	0,077	0,291
CHR2	7729990	CHR2:7729990	SSF x Near_LoA	-7,171	0,103	0,288
CHR2	7730092	CHR2:7730092	SSF x Near_LoA	-7,948	0,155	0,279
CHR2	7730134	CHR2:7730134	SSF x Near_LoA	-8,814	0,023	0,281
CHR2	7730173	CHR2:7730173	SSF x Near_LoA	-5,462	0,141	0,282
CHR2	7735828	CHR2:7735828	SSF x Near_LoA	-7,576	-0,087	0,280
CHR2	7735858	CHR2:7735858	SSF x Near_LoA	-6,143	-0,104	0,275
CHR2	7735869	CHR2:7735869	SSF x Near_LoA	-7,108	-0,091	0,278
CHR2	7735871	CHR2:7735871	SSF x Near_LoA	-6,335	-0,096	0,272
CHR2	7735894	CHR2:7735894	SSF x Near_LoA	-7,806	-0,055	0,272
CHR2	7735996	CHR2:7735996	SSF x Near_LoA	-9,010	0,055	0,276
CHR2	7740643	CHR2:7740643	SSF x Near_LoA	-5,162	-0,117	0,281
CHR2	7740702	CHR2:7740702	SSF x Near_LoA	-6,498	0,054	0,271
CHR2	7740731	CHR2:7740731	SSF x Near_LoA	-9,154	0,037	0,287
CHR2	7740839	CHR2:7740839	SSF x Near_LoA	-8,870	0,111	0,270
CHR2	7740853	CHR2:7740853	SSF x Near_LoA	-9,890	-0,002	0,277
CHR2	7743786	CHR2:7743786	SSF x Near_LoA	-8,622	0,057	0,282
CHR2	7743802	CHR2:7743802	SSF x Near_LoA	-8,143	0,069	0,290
CHR2	7743843	CHR2:7743843	SSF x Near_LoA	-10,157	0,107	0,256

CHR2	7758270	CHR2:7758270	SSF x Near_LoA	-9,826	0,070	0,285
CHR2	7775748	CHR2:7775748	SSF x Near_LoA	-7,325	0,078	0,281
CHR2	7775753	CHR2:7775753	SSF x Near_LoA	-7,662	-0,013	0,292
CHR2	7775773	CHR2:7775773	SSF x Near_LoA	-7,798	-0,003	0,292
CHR2	7775801	CHR2:7775801	SSF x Near_LoA	-6,883	-0,168	0,283
CHR2	7775830	CHR2:7775830	SSF x Near_LoA	-4,337	-0,174	0,263
CHR2	7775891	CHR2:7775891	SSF x Near_LoA	-7,360	-0,060	0,276
CHR2	7775935	CHR2:7775935	SSF x Near_LoA	-7,924	-0,030	0,289
CHR2	7775987	CHR2:7775987	SSF x Near_LoA	-8,394	-0,091	0,274
CHR2	7775990	CHR2:7775990	SSF x Near_LoA	-2,566	-0,123	0,276
CHR2	7803033	CHR2:7803033	SSF x Near_LoA	-8,485	-0,027	0,272
CHR2	7803034	CHR2:7803034	SSF x Near_LoA	-10,227	0,100	0,271
CHR2	7803211	CHR2:7803211	SSF x Near_LoA	-10,919	0,080	0,278
CHR2	7812758	CHR2:7812758	SSF x Near_LoA	-4,892	-0,071	0,297
CHR2	7812796	CHR2:7812796	SSF x Near_LoA	-5,720	-0,146	0,300
CHR2	7812861	CHR2:7812861	SSF x Near_LoA	-8,987	-0,096	0,295
CHR2	7812890	CHR2:7812890	SSF x Near_LoA	-4,597	0,194	0,284
CHR2	7812935	CHR2:7812935	SSF x Near_LoA	-8,315	-0,091	0,283
CHR2	7820027	CHR2:7820027	SSF x Near_LoA	-9,551	0,078	0,285
CHR2	7840841	CHR2:7840841	SSF x Near_LoA	-7,283	0,214	0,272
CHR2	7840944	CHR2:7840944	SSF x Near_LoA	-9,913	0,035	0,296
CHR2	7862988	CHR2:7862988	SSF x Near_LoA	-9,036	-0,105	0,281
CHR2	7863041	CHR2:7863041	SSF x Near_LoA	-9,901	-0,021	0,270
CHR2	7863061	CHR2:7863061	SSF x Near_LoA	-6,846	-0,122	0,283
CHR2	7863064	CHR2:7863064	SSF x Near_LoA	-8,855	-0,090	0,292
CHR2	7863084	CHR2:7863084	SSF x Near_LoA	-4,753	-0,158	0,273
CHR2	7863106	CHR2:7863106	SSF x Near_LoA	-8,419	-0,090	0,285
CHR2	7863126	CHR2:7863126	SSF x Near_LoA	-7,331	0,033	0,275
CHR2	786679	CHR2:786679	SSF x Near_LoA	-8,990	0,071	0,282
CHR2	786709	CHR2:786709	SSF x Near_LoA	-8,638	-0,061	0,290
CHR2	786816	CHR2:786816	SSF x Near_LoA	-7,840	-0,066	0,279
CHR2	786967	CHR2:786967	SSF x Near_LoA	-8,074	0,022	0,276
CHR2	7895941	CHR2:7895941	SSF x Near_LoA	-8,099	-0,106	0,278
CHR2	7903984	CHR2:7903984	SSF x Near_LoA	-7,805	0,064	0,290
CHR2	790779	CHR2:790779	SSF x Near_LoA	-7,257	-0,162	0,285
CHR2	791408	CHR2:791408	SSF x Near_LoA	-7,048	-0,053	0,287
CHR2	7914416	CHR2:7914416	SSF x Near_LoA	-9,905	0,009	0,277
CHR2	7914561	CHR2:7914561	SSF x Near_LoA	-10,134	-0,047	0,288
CHR2	7914574	CHR2:7914574	SSF x Near_LoA	-7,856	0,070	0,271
CHR2	7922680	CHR2:7922680	SSF x Near_LoA	-7,157	0,169	0,290
CHR2	7922904	CHR2:7922904	SSF x Near_LoA	-6,822	-0,064	0,286
CHR2	7922909	CHR2:7922909	SSF x Near_LoA	-8,656	-0,101	0,300
CHR2	7922921	CHR2:7922921	SSF x Near_LoA	-7,752	-0,039	0,278
CHR2	7922956	CHR2:7922956	SSF x Near_LoA	-6,200	0,073	0,302
CHR2	7923002	CHR2:7923002	SSF x Near_LoA	-9,700	0,068	0,279
CHR2	7923018	CHR2:7923018	SSF x Near_LoA	-4,668	0,165	0,277
CHR2	7923044	CHR2:7923044	SSF x Near_LoA	-9,873	-0,069	0,285
CHR2	7923135	CHR2:7923135	SSF x Near_LoA	-7,998	0,161	0,277
CHR2	793761	CHR2:793761	SSF x Near_LoA	-8,792	-0,132	0,284
CHR2	793765	CHR2:793765	SSF x Near_LoA	-3,296	-0,166	0,275
CHR2	793872	CHR2:793872	SSF x Near_LoA	-7,898	-0,038	0,284
CHR2	793938	CHR2:793938	SSF x Near_LoA	-7,512	-0,082	0,285
CHR2	793974	CHR2:793974	SSF x Near_LoA	-8,736	-0,060	0,293

CHR2	7948515	CHR2:7948515	SSF x Near_LoA	-9,707	0,057	0,270
CHR2	7948569	CHR2:7948569	SSF x Near_LoA	-6,813	0,015	0,282
CHR2	7952996	CHR2:7952996	SSF x Near_LoA	-10,628	0,059	0,279
CHR2	7953008	CHR2:7953008	SSF x Near_LoA	-9,697	0,022	0,270
CHR2	7953113	CHR2:7953113	SSF x Near_LoA	-9,626	-0,043	0,278
CHR2	795530	CHR2:795530	SSF x Near_LoA	-4,421	0,103	0,284
CHR2	795567	CHR2:795567	SSF x Near_LoA	-5,599	-0,079	0,298
CHR2	795603	CHR2:795603	SSF x Near_LoA	-5,822	0,188	0,286
CHR2	7956569	CHR2:7956569	SSF x Near_LoA	-6,859	0,207	0,276
CHR2	7956617	CHR2:7956617	SSF x Near_LoA	-7,312	0,041	0,294
CHR2	7956819	CHR2:7956819	SSF x Near_LoA	-9,223	-0,032	0,288
CHR2	7956990	CHR2:7956990	SSF x Near_LoA	-7,019	0,197	0,270
CHR2	7957002	CHR2:7957002	SSF x Near_LoA	-8,207	-0,044	0,281
CHR2	7960635	CHR2:7960635	SSF x Near_LoA	-6,101	0,198	0,285
CHR2	7960725	CHR2:7960725	SSF x Near_LoA	-9,900	0,011	0,290
CHR2	7960756	CHR2:7960756	SSF x Near_LoA	-6,058	-0,083	0,292
CHR2	7969879	CHR2:7969879	SSF x Near_LoA	-5,352	0,201	0,274
CHR2	7969899	CHR2:7969899	SSF x Near_LoA	-4,933	0,153	0,295
CHR2	7969996	CHR2:7969996	SSF x Near_LoA	-10,158	-0,092	0,281
CHR2	7970112	CHR2:7970112	SSF x Near_LoA	-6,296	0,089	0,291
CHR2	7970152	CHR2:7970152	SSF x Near_LoA	-7,798	-0,127	0,283
CHR2	7981727	CHR2:7981727	SSF x Near_LoA	-7,931	0,086	0,281
CHR2	7986096	CHR2:7986096	SSF x Near_LoA	-8,608	-0,008	0,269
CHR2	804760	CHR2:804760	SSF x Near_LoA	-8,959	-0,089	0,283
CHR2	804830	CHR2:804830	SSF x Near_LoA	-6,549	-0,003	0,281
CHR2	804848	CHR2:804848	SSF x Near_LoA	-7,482	-0,103	0,297
CHR2	804852	CHR2:804852	SSF x Near_LoA	-7,647	-0,043	0,296
CHR2	8080190	CHR2:8080190	SSF x Near_LoA	-6,138	-0,166	0,280
CHR2	8082035	CHR2:8082035	SSF x Near_LoA	-8,670	0,054	0,283
CHR2	8084091	CHR2:8084091	SSF x Near_LoA	-7,495	-0,090	0,285
CHR2	808496	CHR2:808496	SSF x Near_LoA	-6,619	-0,066	0,298
CHR2	8085302	CHR2:8085302	SSF x Near_LoA	-6,997	-0,021	0,287
CHR2	808682	CHR2:808682	SSF x Near_LoA	-8,227	0,032	0,275
CHR2	8087701	CHR2:8087701	SSF x Near_LoA	-9,633	0,010	0,297
CHR2	8087705	CHR2:8087705	SSF x Near_LoA	-8,661	-0,141	0,277
CHR2	808917	CHR2:808917	SSF x Near_LoA	-6,785	0,056	0,289
CHR2	808947	CHR2:808947	SSF x Near_LoA	-4,351	0,126	0,274
CHR2	8091523	CHR2:8091523	SSF x Near_LoA	-6,863	-0,096	0,286
CHR2	8100263	CHR2:8100263	SSF x Near_LoA	-7,294	-0,097	0,294
CHR2	8100526	CHR2:8100526	SSF x Near_LoA	-5,979	0,057	0,290
CHR2	8110706	CHR2:8110706	SSF x Near_LoA	-9,755	-0,064	0,281
CHR2	8110771	CHR2:8110771	SSF x Near_LoA	-4,340	0,192	0,280
CHR2	8110884	CHR2:8110884	SSF x Near_LoA	-3,959	0,089	0,280
CHR2	8110975	CHR2:8110975	SSF x Near_LoA	-6,104	0,180	0,273
CHR2	8119602	CHR2:8119602	SSF x Near_LoA	-8,214	-0,056	0,285
CHR2	8120227	CHR2:8120227	SSF x Near_LoA	-9,723	0,009	0,297
CHR2	8120240	CHR2:8120240	SSF x Near_LoA	-9,298	-0,008	0,290
CHR2	8143061	CHR2:8143061	SSF x Near_LoA	-3,360	0,169	0,280
CHR2	816110	CHR2:816110	SSF x Near_LoA	-10,865	-0,051	0,266
CHR2	816201	CHR2:816201	SSF x Near_LoA	-9,366	-0,059	0,285
CHR2	816204	CHR2:816204	SSF x Near_LoA	-10,440	-0,089	0,292
CHR2	8162351	CHR2:8162351	SSF x Near_LoA	0,114	0,186	0,275
CHR2	8162656	CHR2:8162656	SSF x Near_LoA	-8,231	-0,204	0,273

CHR2	816306	CHR2:816306	SSF x Near_LoA	-5,077	0,028	0,289
CHR2	8187191	CHR2:8187191	SSF x Near_LoA	-9,350	0,060	0,285
CHR2	8187199	CHR2:8187199	SSF x Near_LoA	-7,772	0,034	0,290
CHR2	8187203	CHR2:8187203	SSF x Near_LoA	-9,028	0,073	0,295
CHR2	8187263	CHR2:8187263	SSF x Near_LoA	-10,099	-0,083	0,286
CHR2	8193343	CHR2:8193343	SSF x Near_LoA	1,566	0,035	0,291
CHR2	8193375	CHR2:8193375	SSF x Near_LoA	-7,059	0,060	0,294
CHR2	8193417	CHR2:8193417	SSF x Near_LoA	-4,756	0,163	0,256
CHR2	8193451	CHR2:8193451	SSF x Near_LoA	-5,786	0,004	0,289
CHR2	8211526	CHR2:8211526	SSF x Near_LoA	-6,766	0,158	0,262
CHR2	8211549	CHR2:8211549	SSF x Near_LoA	-5,812	0,196	0,274
CHR2	8211564	CHR2:8211564	SSF x Near_LoA	-5,288	0,009	0,291
CHR2	8211591	CHR2:8211591	SSF x Near_LoA	-1,793	-0,074	0,299
CHR2	8211691	CHR2:8211691	SSF x Near_LoA	-8,798	-0,089	0,279
CHR2	8211713	CHR2:8211713	SSF x Near_LoA	-9,047	-0,052	0,288
CHR2	8214181	CHR2:8214181	SSF x Near_LoA	-8,663	0,073	0,293
CHR2	8238506	CHR2:8238506	SSF x Near_LoA	-5,813	0,094	0,284
CHR2	8238511	CHR2:8238511	SSF x Near_LoA	-1,398	-0,196	0,278
CHR2	8238578	CHR2:8238578	SSF x Near_LoA	-9,106	0,069	0,294
CHR2	8238606	CHR2:8238606	SSF x Near_LoA	-9,346	-0,012	0,280
CHR2	8238614	CHR2:8238614	SSF x Near_LoA	-8,176	-0,113	0,289
CHR2	8238730	CHR2:8238730	SSF x Near_LoA	-8,205	-0,033	0,275
CHR2	8245842	CHR2:8245842	SSF x Near_LoA	-10,221	-0,046	0,283
CHR2	8245880	CHR2:8245880	SSF x Near_LoA	-7,528	0,006	0,288
CHR2	8245916	CHR2:8245916	SSF x Near_LoA	-10,489	-0,013	0,291
CHR2	825438	CHR2:825438	SSF x Near_LoA	-5,794	0,216	0,274
CHR2	825493	CHR2:825493	SSF x Near_LoA	-7,140	0,214	0,276
CHR2	825498	CHR2:825498	SSF x Near_LoA	-7,608	0,147	0,295
CHR2	8289240	CHR2:8289240	SSF x Near_LoA	-8,917	0,036	0,296
CHR2	8291209	CHR2:8291209	SSF x Near_LoA	-3,795	0,184	0,281
CHR2	8296230	CHR2:8296230	SSF x Near_LoA	-8,849	0,031	0,298
CHR2	8296594	CHR2:8296594	SSF x Near_LoA	-8,990	0,034	0,285
CHR2	8346519	CHR2:8346519	SSF x Near_LoA	-9,237	0,073	0,293
CHR2	8346552	CHR2:8346552	SSF x Near_LoA	-7,315	0,113	0,295
CHR2	8351809	CHR2:8351809	SSF x Near_LoA	-8,148	-0,016	0,280
CHR2	8351837	CHR2:8351837	SSF x Near_LoA	-6,542	-0,049	0,289
CHR2	8353133	CHR2:8353133	SSF x Near_LoA	-6,852	0,002	0,290
CHR2	8359248	CHR2:8359248	SSF x Near_LoA	-6,107	-0,052	0,288
CHR2	8359406	CHR2:8359406	SSF x Near_LoA	-9,364	-0,112	0,271
CHR2	8359430	CHR2:8359430	SSF x Near_LoA	-4,917	-0,064	0,289
CHR2	8359443	CHR2:8359443	SSF x Near_LoA	-10,882	-0,068	0,273
CHR2	8359495	CHR2:8359495	SSF x Near_LoA	-9,548	-0,051	0,281
CHR2	8359500	CHR2:8359500	SSF x Near_LoA	-8,894	0,093	0,285
CHR2	8359507	CHR2:8359507	SSF x Near_LoA	-9,388	0,089	0,280
CHR2	8359532	CHR2:8359532	SSF x Near_LoA	-6,089	-0,116	0,284
CHR2	836299	CHR2:836299	SSF x Near_LoA	-9,511	0,002	0,288
CHR2	837330	CHR2:837330	SSF x Near_LoA	-9,713	-0,015	0,293
CHR2	837352	CHR2:837352	SSF x Near_LoA	-8,287	-0,073	0,270
CHR2	837449	CHR2:837449	SSF x Near_LoA	-7,432	-0,119	0,272
CHR2	8377180	CHR2:8377180	SSF x Near_LoA	-7,828	-0,040	0,289
CHR2	8378367	CHR2:8378367	SSF x Near_LoA	-5,329	0,157	0,300
CHR2	8378556	CHR2:8378556	SSF x Near_LoA	-2,466	0,258	0,263
CHR2	8385260	CHR2:8385260	SSF x Near_LoA	-6,801	-0,007	0,303

CHR2	8385302	CHR2:8385302	SSF x Near_LoA	-5,315	-0,134	0,274
CHR2	8385493	CHR2:8385493	SSF x Near_LoA	-6,509	0,159	0,278
CHR2	8404758	CHR2:8404758	SSF x Near_LoA	-9,552	0,042	0,278
CHR2	8412531	CHR2:8412531	SSF x Near_LoA	-9,580	0,067	0,276
CHR2	8412576	CHR2:8412576	SSF x Near_LoA	-6,269	-0,034	0,295
CHR2	8412976	CHR2:8412976	SSF x Near_LoA	-10,099	-0,056	0,281
CHR2	8416412	CHR2:8416412	SSF x Near_LoA	-6,280	0,141	0,270
CHR2	8416418	CHR2:8416418	SSF x Near_LoA	-3,067	-0,225	0,275
CHR2	8416438	CHR2:8416438	SSF x Near_LoA	-10,536	-0,023	0,284
CHR2	8416452	CHR2:8416452	SSF x Near_LoA	-10,904	-0,020	0,285
CHR2	8416609	CHR2:8416609	SSF x Near_LoA	-7,665	0,078	0,281
CHR2	8416614	CHR2:8416614	SSF x Near_LoA	-7,806	0,022	0,287
CHR2	841820	CHR2:841820	SSF x Near_LoA	-4,815	0,241	0,284
CHR2	8433194	CHR2:8433194	SSF x Near_LoA	-8,531	-0,004	0,277
CHR2	8433284	CHR2:8433284	SSF x Near_LoA	-5,056	-0,123	0,279
CHR2	8439296	CHR2:8439296	SSF x Near_LoA	-8,497	-0,035	0,265
CHR2	8451202	CHR2:8451202	SSF x Near_LoA	-9,631	0,083	0,272
CHR2	845186	CHR2:845186	SSF x Near_LoA	-8,389	0,078	0,283
CHR2	845224	CHR2:845224	SSF x Near_LoA	-7,636	0,022	0,269
CHR2	8455743	CHR2:8455743	SSF x Near_LoA	-8,475	-0,066	0,291
CHR2	8455941	CHR2:8455941	SSF x Near_LoA	-9,590	-0,034	0,282
CHR2	8456026	CHR2:8456026	SSF x Near_LoA	-7,263	-0,105	0,287
CHR2	8460274	CHR2:8460274	SSF x Near_LoA	-10,059	-0,065	0,287
CHR2	8460294	CHR2:8460294	SSF x Near_LoA	-7,692	0,007	0,290
CHR2	8460306	CHR2:8460306	SSF x Near_LoA	-11,147	-0,081	0,279
CHR2	8483934	CHR2:8483934	SSF x Near_LoA	-7,246	0,003	0,281
CHR2	8484269	CHR2:8484269	SSF x Near_LoA	-7,777	-0,045	0,287
CHR2	8500516	CHR2:8500516	SSF x Near_LoA	-10,003	-0,006	0,288
CHR2	8505320	CHR2:8505320	SSF x Near_LoA	-8,138	0,074	0,299
CHR2	8506680	CHR2:8506680	SSF x Near_LoA	-7,465	-0,042	0,312
CHR2	8506716	CHR2:8506716	SSF x Near_LoA	-9,709	-0,053	0,291
CHR2	8507897	CHR2:8507897	SSF x Near_LoA	-9,424	-0,004	0,280
CHR2	8507931	CHR2:8507931	SSF x Near_LoA	-8,736	-0,014	0,298
CHR2	8508143	CHR2:8508143	SSF x Near_LoA	-7,067	0,008	0,303
CHR2	8533921	CHR2:8533921	SSF x Near_LoA	-5,675	0,165	0,286
CHR2	8534164	CHR2:8534164	SSF x Near_LoA	-9,479	0,057	0,287
CHR2	8534165	CHR2:8534165	SSF x Near_LoA	-9,928	0,043	0,283
CHR2	8534171	CHR2:8534171	SSF x Near_LoA	-9,841	0,054	0,288
CHR2	8534299	CHR2:8534299	SSF x Near_LoA	-7,165	-0,001	0,293
CHR2	8541056	CHR2:8541056	SSF x Near_LoA	-8,059	0,062	0,277
CHR2	8541096	CHR2:8541096	SSF x Near_LoA	-7,450	-0,044	0,287
CHR2	8541200	CHR2:8541200	SSF x Near_LoA	-4,567	0,201	0,281
CHR2	8584616	CHR2:8584616	SSF x Near_LoA	-6,604	-0,149	0,280
CHR2	8587955	CHR2:8587955	SSF x Near_LoA	-6,012	0,141	0,286
CHR2	8587978	CHR2:8587978	SSF x Near_LoA	-9,118	0,012	0,282
CHR2	8587992	CHR2:8587992	SSF x Near_LoA	-10,709	-0,031	0,281
CHR2	8588047	CHR2:8588047	SSF x Near_LoA	-8,779	0,001	0,287
CHR2	8592919	CHR2:8592919	SSF x Near_LoA	-9,929	-0,068	0,282
CHR2	8592920	CHR2:8592920	SSF x Near_LoA	-9,744	-0,091	0,275
CHR2	8615328	CHR2:8615328	SSF x Near_LoA	-6,001	-0,125	0,289
CHR2	8615364	CHR2:8615364	SSF x Near_LoA	-10,433	-0,052	0,276
CHR2	8615388	CHR2:8615388	SSF x Near_LoA	-8,556	-0,128	0,278
CHR2	8615580	CHR2:8615580	SSF x Near_LoA	-10,697	-0,010	0,273

CHR2	8637925	CHR2:8637925	SSF x Near_LoA	-9,296	-0,106	0,265
CHR2	8638073	CHR2:8638073	SSF x Near_LoA	-8,009	0,018	0,280
CHR2	8638223	CHR2:8638223	SSF x Near_LoA	-10,586	0,008	0,285
CHR2	8638289	CHR2:8638289	SSF x Near_LoA	-8,532	0,068	0,278
CHR2	8644989	CHR2:8644989	SSF x Near_LoA	-6,567	0,112	0,289
CHR2	8645104	CHR2:8645104	SSF x Near_LoA	-6,573	-0,184	0,276
CHR2	8645183	CHR2:8645183	SSF x Near_LoA	-7,777	-0,105	0,278
CHR2	8645219	CHR2:8645219	SSF x Near_LoA	-9,118	0,007	0,291
CHR2	8650490	CHR2:8650490	SSF x Near_LoA	-8,175	0,011	0,286
CHR2	8650545	CHR2:8650545	SSF x Near_LoA	-8,088	0,011	0,294
CHR2	8651901	CHR2:8651901	SSF x Near_LoA	-8,182	-0,006	0,280
CHR2	865488	CHR2:865488	SSF x Near_LoA	-8,375	-0,114	0,271
CHR2	865608	CHR2:865608	SSF x Near_LoA	-6,957	-0,012	0,300
CHR2	865643	CHR2:865643	SSF x Near_LoA	-7,664	0,060	0,282
CHR2	8657146	CHR2:8657146	SSF x Near_LoA	-6,012	0,145	0,271
CHR2	8657192	CHR2:8657192	SSF x Near_LoA	-5,982	0,184	0,267
CHR2	8657349	CHR2:8657349	SSF x Near_LoA	-8,290	0,123	0,284
CHR2	8661182	CHR2:8661182	SSF x Near_LoA	-10,404	-0,004	0,291
CHR2	8661255	CHR2:8661255	SSF x Near_LoA	-4,478	-0,164	0,289
CHR2	8661345	CHR2:8661345	SSF x Near_LoA	-8,703	-0,053	0,287
CHR2	8661354	CHR2:8661354	SSF x Near_LoA	-4,256	0,075	0,290
CHR2	8661384	CHR2:8661384	SSF x Near_LoA	-6,477	0,093	0,295
CHR2	8661398	CHR2:8661398	SSF x Near_LoA	-7,545	0,038	0,297
CHR2	8661406	CHR2:8661406	SSF x Near_LoA	-8,345	-0,001	0,283
CHR2	8661434	CHR2:8661434	SSF x Near_LoA	-6,047	-0,203	0,272
CHR2	8673951	CHR2:8673951	SSF x Near_LoA	-9,585	-0,104	0,278
CHR2	8673970	CHR2:8673970	SSF x Near_LoA	-8,112	0,077	0,264
CHR2	8674080	CHR2:8674080	SSF x Near_LoA	-6,791	-0,030	0,298
CHR2	8674291	CHR2:8674291	SSF x Near_LoA	-5,047	-0,106	0,275
CHR2	8677342	CHR2:8677342	SSF x Near_LoA	-7,111	-0,115	0,278
CHR2	8687354	CHR2:8687354	SSF x Near_LoA	-5,884	-0,152	0,292
CHR2	8687395	CHR2:8687395	SSF x Near_LoA	-8,755	-0,019	0,270
CHR2	8687403	CHR2:8687403	SSF x Near_LoA	-9,635	-0,003	0,273
CHR2	8687490	CHR2:8687490	SSF x Near_LoA	-5,831	0,049	0,274
CHR2	8687507	CHR2:8687507	SSF x Near_LoA	-10,008	0,004	0,285
CHR2	8687583	CHR2:8687583	SSF x Near_LoA	-7,463	0,078	0,277
CHR2	8705466	CHR2:8705466	SSF x Near_LoA	-7,837	-0,012	0,298
CHR2	8707601	CHR2:8707601	SSF x Near_LoA	-11,002	-0,060	0,274
CHR2	8707618	CHR2:8707618	SSF x Near_LoA	-7,166	0,034	0,282
CHR2	8707633	CHR2:8707633	SSF x Near_LoA	-7,987	0,034	0,281
CHR2	8707636	CHR2:8707636	SSF x Near_LoA	-7,119	0,031	0,284
CHR2	8707640	CHR2:8707640	SSF x Near_LoA	-4,158	0,045	0,275
CHR2	8707657	CHR2:8707657	SSF x Near_LoA	-7,162	0,044	0,288
CHR2	8707665	CHR2:8707665	SSF x Near_LoA	-7,367	0,018	0,288
CHR2	8707670	CHR2:8707670	SSF x Near_LoA	-9,173	-0,031	0,286
CHR2	8707671	CHR2:8707671	SSF x Near_LoA	-8,716	-0,088	0,288
CHR2	8707672	CHR2:8707672	SSF x Near_LoA	-8,822	0,053	0,271
CHR2	8707690	CHR2:8707690	SSF x Near_LoA	-8,164	0,037	0,273
CHR2	8707702	CHR2:8707702	SSF x Near_LoA	-9,605	0,005	0,276
CHR2	8721022	CHR2:8721022	SSF x Near_LoA	-7,216	-0,002	0,298
CHR2	8721148	CHR2:8721148	SSF x Near_LoA	-9,212	0,042	0,275
CHR2	873683	CHR2:873683	SSF x Near_LoA	-8,207	0,005	0,280
CHR2	873689	CHR2:873689	SSF x Near_LoA	-5,735	-0,060	0,294

CHR2	873704	CHR2:873704	SSF x Near_LoA	-5,217	-0,024	0,291
CHR2	8738978	CHR2:8738978	SSF x Near_LoA	-9,425	0,053	0,278
CHR2	8739126	CHR2:8739126	SSF x Near_LoA	-7,531	-0,167	0,286
CHR2	8739226	CHR2:8739226	SSF x Near_LoA	-3,018	0,176	0,271
CHR2	8739240	CHR2:8739240	SSF x Near_LoA	-8,475	0,130	0,262
CHR2	8739271	CHR2:8739271	SSF x Near_LoA	-6,557	-0,144	0,281
CHR2	8739340	CHR2:8739340	SSF x Near_LoA	-6,915	-0,130	0,284
CHR2	874319	CHR2:874319	SSF x Near_LoA	-4,976	-0,187	0,278
CHR2	8751555	CHR2:8751555	SSF x Near_LoA	-8,209	0,196	0,260
CHR2	8751623	CHR2:8751623	SSF x Near_LoA	-5,171	0,238	0,267
CHR2	8751766	CHR2:8751766	SSF x Near_LoA	-7,900	-0,067	0,281
CHR2	8780242	CHR2:8780242	SSF x Near_LoA	-9,898	-0,103	0,288
CHR2	8780425	CHR2:8780425	SSF x Near_LoA	-8,208	0,063	0,285
CHR2	8781301	CHR2:8781301	SSF x Near_LoA	-9,200	-0,045	0,275
CHR2	8781343	CHR2:8781343	SSF x Near_LoA	-5,026	-0,106	0,287
CHR2	8781366	CHR2:8781366	SSF x Near_LoA	-7,406	-0,097	0,292
CHR2	8781519	CHR2:8781519	SSF x Near_LoA	-6,270	-0,147	0,286
CHR2	8781535	CHR2:8781535	SSF x Near_LoA	2,805	-0,198	0,288
CHR2	8783796	CHR2:8783796	SSF x Near_LoA	-7,280	0,003	0,281
CHR2	8784042	CHR2:8784042	SSF x Near_LoA	-8,430	0,044	0,283
CHR2	8784100	CHR2:8784100	SSF x Near_LoA	-7,570	-0,063	0,287
CHR2	8805477	CHR2:8805477	SSF x Near_LoA	-8,284	0,029	0,302
CHR2	8840368	CHR2:8840368	SSF x Near_LoA	-7,252	0,144	0,279
CHR2	8855964	CHR2:8855964	SSF x Near_LoA	-8,061	-0,071	0,295
CHR2	8855967	CHR2:8855967	SSF x Near_LoA	-2,795	-0,151	0,287
CHR2	8868158	CHR2:8868158	SSF x Near_LoA	-10,744	-0,007	0,293
CHR2	8868326	CHR2:8868326	SSF x Near_LoA	-7,409	0,082	0,287
CHR2	8868335	CHR2:8868335	SSF x Near_LoA	-9,425	0,046	0,297
CHR2	8868399	CHR2:8868399	SSF x Near_LoA	-6,257	-0,167	0,288
CHR2	8868442	CHR2:8868442	SSF x Near_LoA	-8,283	-0,052	0,281
CHR2	8868448	CHR2:8868448	SSF x Near_LoA	-7,909	-0,088	0,287
CHR2	8868483	CHR2:8868483	SSF x Near_LoA	-6,105	-0,112	0,279
CHR2	888988	CHR2:888988	SSF x Near_LoA	-7,916	0,018	0,291
CHR2	8890323	CHR2:8890323	SSF x Near_LoA	-4,477	0,188	0,285
CHR2	8890400	CHR2:8890400	SSF x Near_LoA	-6,579	0,123	0,295
CHR2	8890418	CHR2:8890418	SSF x Near_LoA	-6,717	0,103	0,282
CHR2	889262	CHR2:889262	SSF x Near_LoA	-9,991	0,111	0,286
CHR2	889335	CHR2:889335	SSF x Near_LoA	-8,469	0,093	0,281
CHR2	8900540	CHR2:8900540	SSF x Near_LoA	-7,117	-0,038	0,279
CHR2	8900581	CHR2:8900581	SSF x Near_LoA	-9,730	-0,003	0,295
CHR2	8906603	CHR2:8906603	SSF x Near_LoA	-7,758	-0,037	0,267
CHR2	8926141	CHR2:8926141	SSF x Near_LoA	-7,442	0,017	0,285
CHR2	8926154	CHR2:8926154	SSF x Near_LoA	-6,123	0,019	0,283
CHR2	8926166	CHR2:8926166	SSF x Near_LoA	-7,970	0,026	0,276
CHR2	8926248	CHR2:8926248	SSF x Near_LoA	-7,703	-0,088	0,270
CHR2	8935613	CHR2:8935613	SSF x Near_LoA	-7,238	0,064	0,292
CHR2	8938902	CHR2:8938902	SSF x Near_LoA	-9,650	0,070	0,282
CHR2	894280	CHR2:894280	SSF x Near_LoA	-7,713	-0,118	0,275
CHR2	8943618	CHR2:8943618	SSF x Near_LoA	-7,445	0,115	0,294
CHR2	8943670	CHR2:8943670	SSF x Near_LoA	-6,000	-0,056	0,295
CHR2	8943693	CHR2:8943693	SSF x Near_LoA	-4,462	0,201	0,282
CHR2	8943749	CHR2:8943749	SSF x Near_LoA	-8,451	0,035	0,310
CHR2	894855	CHR2:894855	SSF x Near_LoA	-5,912	0,123	0,282

CHR2	894908	CHR2:894908	SSF x Near_LoA	-8,841	0,009	0,283
CHR2	894913	CHR2:894913	SSF x Near_LoA	-9,796	-0,096	0,283
CHR2	899020	CHR2:899020	SSF x Near_LoA	-4,073	-0,143	0,260
CHR2	9007309	CHR2:9007309	SSF x Near_LoA	-8,774	-0,115	0,274
CHR2	9007448	CHR2:9007448	SSF x Near_LoA	-5,559	0,081	0,286
CHR2	9010948	CHR2:9010948	SSF x Near_LoA	-7,713	0,015	0,287
CHR2	9016615	CHR2:9016615	SSF x Near_LoA	-8,241	0,075	0,280
CHR2	9016701	CHR2:9016701	SSF x Near_LoA	-8,179	0,049	0,296
CHR2	9016730	CHR2:9016730	SSF x Near_LoA	-6,883	-0,104	0,282
CHR2	9016764	CHR2:9016764	SSF x Near_LoA	-9,762	0,059	0,294
CHR2	9016823	CHR2:9016823	SSF x Near_LoA	-8,582	-0,018	0,288
CHR2	9016830	CHR2:9016830	SSF x Near_LoA	-7,856	-0,065	0,304
CHR2	9020323	CHR2:9020323	SSF x Near_LoA	-8,416	-0,003	0,276
CHR2	9020372	CHR2:9020372	SSF x Near_LoA	-7,596	-0,110	0,290
CHR2	9020423	CHR2:9020423	SSF x Near_LoA	-8,168	0,054	0,277
CHR2	9020429	CHR2:9020429	SSF x Near_LoA	-6,159	-0,049	0,298
CHR2	9020463	CHR2:9020463	SSF x Near_LoA	-8,283	-0,043	0,279
CHR2	9020502	CHR2:9020502	SSF x Near_LoA	-6,959	-0,100	0,303
CHR2	9020533	CHR2:9020533	SSF x Near_LoA	-2,608	0,094	0,273
CHR2	9020579	CHR2:9020579	SSF x Near_LoA	-6,132	0,095	0,290
CHR2	9020583	CHR2:9020583	SSF x Near_LoA	-9,505	-0,022	0,285
CHR2	902081	CHR2:902081	SSF x Near_LoA	-8,765	-0,011	0,285
CHR2	9023214	CHR2:9023214	SSF x Near_LoA	-6,287	-0,040	0,282
CHR2	9023361	CHR2:9023361	SSF x Near_LoA	-8,089	-0,027	0,300
CHR2	9023486	CHR2:9023486	SSF x Near_LoA	-8,119	0,161	0,284
CHR2	9023501	CHR2:9023501	SSF x Near_LoA	-7,527	-0,032	0,287
CHR2	9033409	CHR2:9033409	SSF x Near_LoA	-9,579	-0,108	0,283
CHR2	9033414	CHR2:9033414	SSF x Near_LoA	-8,205	-0,132	0,284
CHR2	9033465	CHR2:9033465	SSF x Near_LoA	-8,362	-0,096	0,270
CHR2	9038509	CHR2:9038509	SSF x Near_LoA	-7,489	0,037	0,284
CHR2	905666	CHR2:905666	SSF x Near_LoA	-8,472	0,055	0,283
CHR2	9057699	CHR2:9057699	SSF x Near_LoA	-0,379	-0,109	0,289
CHR2	905771	CHR2:905771	SSF x Near_LoA	-5,568	0,145	0,282
CHR2	905788	CHR2:905788	SSF x Near_LoA	-5,926	0,200	0,288
CHR2	905794	CHR2:905794	SSF x Near_LoA	-5,188	0,005	0,281
CHR2	905847	CHR2:905847	SSF x Near_LoA	-7,005	0,201	0,281
CHR2	9076515	CHR2:9076515	SSF x Near_LoA	-9,210	0,004	0,288
CHR2	9078386	CHR2:9078386	SSF x Near_LoA	-9,899	0,062	0,274
CHR2	9080804	CHR2:9080804	SSF x Near_LoA	-7,003	0,106	0,286
CHR2	9080822	CHR2:9080822	SSF x Near_LoA	-6,262	0,173	0,274
CHR2	9091491	CHR2:9091491	SSF x Near_LoA	-8,604	0,004	0,284
CHR2	9091519	CHR2:9091519	SSF x Near_LoA	-9,913	0,054	0,287
CHR2	9091536	CHR2:9091536	SSF x Near_LoA	-7,629	-0,047	0,291
CHR2	9106632	CHR2:9106632	SSF x Near_LoA	-6,799	0,194	0,266
CHR2	9106672	CHR2:9106672	SSF x Near_LoA	-9,176	0,136	0,287
CHR2	9106753	CHR2:9106753	SSF x Near_LoA	-6,381	-0,075	0,294
CHR2	9106754	CHR2:9106754	SSF x Near_LoA	-8,296	-0,065	0,289
CHR2	9115449	CHR2:9115449	SSF x Near_LoA	-8,366	0,008	0,286
CHR2	9118677	CHR2:9118677	SSF x Near_LoA	-9,769	0,070	0,273
CHR2	9118895	CHR2:9118895	SSF x Near_LoA	-8,922	0,019	0,278
CHR2	9122668	CHR2:9122668	SSF x Near_LoA	-8,524	0,020	0,284
CHR2	9122705	CHR2:9122705	SSF x Near_LoA	-7,477	-0,064	0,293
CHR2	914233	CHR2:914233	SSF x Near_LoA	-7,555	0,173	0,287

CHR2	9147229	CHR2:9147229	SSF x Near_LoA	-10,025	0,010	0,291
CHR2	9147260	CHR2:9147260	SSF x Near_LoA	-5,978	-0,121	0,278
CHR2	9148954	CHR2:9148954	SSF x Near_LoA	-8,186	0,047	0,289
CHR2	9149404	CHR2:9149404	SSF x Near_LoA	-7,614	0,053	0,272
CHR2	9173205	CHR2:9173205	SSF x Near_LoA	-6,888	0,087	0,292
CHR2	9173443	CHR2:9173443	SSF x Near_LoA	-8,486	0,082	0,303
CHR2	9173444	CHR2:9173444	SSF x Near_LoA	-8,075	0,067	0,297
CHR2	9187407	CHR2:9187407	SSF x Near_LoA	-10,174	-0,050	0,291
CHR2	9187414	CHR2:9187414	SSF x Near_LoA	-4,828	-0,220	0,267
CHR2	9187435	CHR2:9187435	SSF x Near_LoA	-6,069	0,173	0,272
CHR2	9228108	CHR2:9228108	SSF x Near_LoA	-6,831	-0,025	0,297
CHR2	9232241	CHR2:9232241	SSF x Near_LoA	-7,458	0,117	0,281
CHR2	9232433	CHR2:9232433	SSF x Near_LoA	-8,817	-0,090	0,276
CHR2	9239529	CHR2:9239529	SSF x Near_LoA	-8,107	-0,208	0,271
CHR2	9239700	CHR2:9239700	SSF x Near_LoA	-8,674	-0,065	0,287
CHR2	9244613	CHR2:9244613	SSF x Near_LoA	-4,382	-0,015	0,303
CHR2	9244799	CHR2:9244799	SSF x Near_LoA	-8,934	-0,054	0,286
CHR2	9248021	CHR2:9248021	SSF x Near_LoA	-4,388	-0,122	0,288
CHR2	9273959	CHR2:9273959	SSF x Near_LoA	-8,249	-0,150	0,290
CHR2	9274070	CHR2:9274070	SSF x Near_LoA	-9,379	-0,121	0,283
CHR2	9274087	CHR2:9274087	SSF x Near_LoA	-7,413	-0,012	0,278
CHR2	9276072	CHR2:9276072	SSF x Near_LoA	-3,090	-0,007	0,299
CHR2	9276084	CHR2:9276084	SSF x Near_LoA	-9,821	-0,065	0,288
CHR2	9276096	CHR2:9276096	SSF x Near_LoA	-9,282	-0,059	0,284
CHR2	9276102	CHR2:9276102	SSF x Near_LoA	-7,922	0,144	0,274
CHR2	9276105	CHR2:9276105	SSF x Near_LoA	-8,127	0,002	0,280
CHR2	9276148	CHR2:9276148	SSF x Near_LoA	-7,524	0,119	0,279
CHR2	9276151	CHR2:9276151	SSF x Near_LoA	-9,711	0,022	0,279
CHR2	9283723	CHR2:9283723	SSF x Near_LoA	0,701	0,151	0,292
CHR2	9283743	CHR2:9283743	SSF x Near_LoA	-7,858	-0,042	0,263
CHR2	9284173	CHR2:9284173	SSF x Near_LoA	-8,306	0,152	0,277
CHR2	929075	CHR2:929075	SSF x Near_LoA	-8,783	0,096	0,285
CHR2	929127	CHR2:929127	SSF x Near_LoA	-8,867	-0,108	0,290
CHR2	929239	CHR2:929239	SSF x Near_LoA	-8,050	-0,026	0,284
CHR2	929390	CHR2:929390	SSF x Near_LoA	-3,768	-0,164	0,273
CHR2	929410	CHR2:929410	SSF x Near_LoA	-9,865	-0,087	0,293
CHR2	929442	CHR2:929442	SSF x Near_LoA	-3,842	-0,087	0,279
CHR2	929459	CHR2:929459	SSF x Near_LoA	-7,987	0,058	0,283
CHR2	9296546	CHR2:9296546	SSF x Near_LoA	4,085	-0,130	0,278
CHR2	9296562	CHR2:9296562	SSF x Near_LoA	-5,838	-0,143	0,286
CHR2	9316737	CHR2:9316737	SSF x Near_LoA	-8,123	-0,140	0,286
CHR2	9317058	CHR2:9317058	SSF x Near_LoA	-10,081	-0,106	0,288
CHR2	9327635	CHR2:9327635	SSF x Near_LoA	-7,003	-0,016	0,278
CHR2	9327644	CHR2:9327644	SSF x Near_LoA	-7,995	-0,049	0,289
CHR2	9327668	CHR2:9327668	SSF x Near_LoA	-7,939	-0,042	0,288
CHR2	9327671	CHR2:9327671	SSF x Near_LoA	-8,201	-0,024	0,301
CHR2	9327731	CHR2:9327731	SSF x Near_LoA	-8,496	-0,008	0,286
CHR2	9327839	CHR2:9327839	SSF x Near_LoA	-5,589	-0,145	0,289
CHR2	9327878	CHR2:9327878	SSF x Near_LoA	-8,410	0,063	0,280
CHR2	9356563	CHR2:9356563	SSF x Near_LoA	-2,415	0,140	0,284
CHR2	9356622	CHR2:9356622	SSF x Near_LoA	-7,621	-0,080	0,295
CHR2	9356646	CHR2:9356646	SSF x Near_LoA	-7,478	0,171	0,270
CHR2	9356655	CHR2:9356655	SSF x Near_LoA	-7,702	-0,132	0,294

CHR2	9356663	CHR2:9356663	SSF x Near_LoA	-7,701	-0,099	0,285
CHR2	9356671	CHR2:9356671	SSF x Near_LoA	-8,018	0,075	0,306
CHR2	9356680	CHR2:9356680	SSF x Near_LoA	-10,459	-0,076	0,280
CHR2	9361743	CHR2:9361743	SSF x Near_LoA	-5,936	0,073	0,299
CHR2	9361822	CHR2:9361822	SSF x Near_LoA	3,963	0,117	0,299
CHR2	9361827	CHR2:9361827	SSF x Near_LoA	-8,015	0,083	0,285
CHR2	9363430	CHR2:9363430	SSF x Near_LoA	-7,861	-0,068	0,287
CHR2	9363712	CHR2:9363712	SSF x Near_LoA	-7,133	0,218	0,261
CHR2	9363759	CHR2:9363759	SSF x Near_LoA	-6,212	0,053	0,289
CHR2	9363777	CHR2:9363777	SSF x Near_LoA	-4,754	0,204	0,269
CHR2	9367819	CHR2:9367819	SSF x Near_LoA	-5,857	-0,114	0,269
CHR2	9367843	CHR2:9367843	SSF x Near_LoA	-5,150	0,068	0,305
CHR2	9371058	CHR2:9371058	SSF x Near_LoA	-10,167	0,058	0,284
CHR2	9371157	CHR2:9371157	SSF x Near_LoA	-7,704	0,021	0,292
CHR2	9425888	CHR2:9425888	SSF x Near_LoA	-7,818	-0,116	0,275
CHR2	9425915	CHR2:9425915	SSF x Near_LoA	-8,145	0,105	0,279
CHR2	9426014	CHR2:9426014	SSF x Near_LoA	-9,024	-0,044	0,291
CHR2	9447645	CHR2:9447645	SSF x Near_LoA	-9,637	-0,074	0,282
CHR2	9451421	CHR2:9451421	SSF x Near_LoA	-8,068	-0,094	0,287
CHR2	9451586	CHR2:9451586	SSF x Near_LoA	-7,823	-0,007	0,281
CHR2	9452099	CHR2:9452099	SSF x Near_LoA	-9,930	-0,074	0,274
CHR2	9516833	CHR2:9516833	SSF x Near_LoA	-7,557	-0,011	0,295
CHR2	9519335	CHR2:9519335	SSF x Near_LoA	-9,427	0,079	0,288
CHR2	9522511	CHR2:9522511	SSF x Near_LoA	-8,242	0,075	0,276
CHR2	9522512	CHR2:9522512	SSF x Near_LoA	-8,014	0,048	0,296
CHR2	9522590	CHR2:9522590	SSF x Near_LoA	-7,131	-0,128	0,288
CHR2	9529611	CHR2:9529611	SSF x Near_LoA	-9,741	-0,021	0,295
CHR2	9529882	CHR2:9529882	SSF x Near_LoA	-10,183	-0,055	0,287
CHR2	9534147	CHR2:9534147	SSF x Near_LoA	-10,638	-0,003	0,286
CHR2	9534482	CHR2:9534482	SSF x Near_LoA	-9,548	0,092	0,289
CHR2	9540395	CHR2:9540395	SSF x Near_LoA	-9,505	-0,092	0,303
CHR2	954623	CHR2:954623	SSF x Near_LoA	-5,667	0,008	0,309
CHR2	954795	CHR2:954795	SSF x Near_LoA	-7,709	-0,108	0,287
CHR2	955000	CHR2:955000	SSF x Near_LoA	-5,504	0,067	0,309
CHR2	955010	CHR2:955010	SSF x Near_LoA	-4,949	0,234	0,277
CHR2	9554265	CHR2:9554265	SSF x Near_LoA	-7,024	0,077	0,286
CHR2	9554271	CHR2:9554271	SSF x Near_LoA	-4,609	0,207	0,283
CHR2	9554313	CHR2:9554313	SSF x Near_LoA	-8,915	-0,008	0,296
CHR2	9554480	CHR2:9554480	SSF x Near_LoA	-9,011	-0,095	0,284
CHR2	9565004	CHR2:9565004	SSF x Near_LoA	-2,548	0,164	0,265
CHR2	9565025	CHR2:9565025	SSF x Near_LoA	-10,360	0,014	0,293
CHR2	9565169	CHR2:9565169	SSF x Near_LoA	-8,260	0,002	0,279
CHR2	9611215	CHR2:9611215	SSF x Near_LoA	-8,779	-0,028	0,300
CHR2	9611292	CHR2:9611292	SSF x Near_LoA	-7,148	0,082	0,289
CHR2	9633204	CHR2:9633204	SSF x Near_LoA	-7,537	0,123	0,276
CHR2	9643259	CHR2:9643259	SSF x Near_LoA	-10,281	0,029	0,284
CHR2	9648970	CHR2:9648970	SSF x Near_LoA	-7,148	0,082	0,302
CHR2	9649137	CHR2:9649137	SSF x Near_LoA	-8,611	0,026	0,272
CHR2	9652054	CHR2:9652054	SSF x Near_LoA	-8,030	-0,087	0,290
CHR2	9652197	CHR2:9652197	SSF x Near_LoA	-5,513	-0,096	0,281
CHR2	9652202	CHR2:9652202	SSF x Near_LoA	-7,451	-0,109	0,287
CHR2	9652311	CHR2:9652311	SSF x Near_LoA	-8,874	-0,070	0,274
CHR2	969556	CHR2:969556	SSF x Near_LoA	-7,721	-0,056	0,283

CHR2	992518	CHR2:992518	SSF x Near_LoA	-3,481	0,159	0,287
CHR2	992559	CHR2:992559	SSF x Near_LoA	-6,980	-0,054	0,292
CHR2	992707	CHR2:992707	SSF x Near_LoA	-11,067	-0,049	0,275
CHR2	992721	CHR2:992721	SSF x Near_LoA	-6,838	0,078	0,284
CHR2	992763	CHR2:992763	SSF x Near_LoA	-9,451	-0,158	0,278
CHR2	992785	CHR2:992785	SSF x Near_LoA	-9,608	-0,136	0,273
CHR2	992921	CHR2:992921	SSF x Near_LoA	-9,185	-0,112	0,287
CHR2	998553	CHR2:998553	SSF x Near_LoA	-8,513	-0,017	0,287
CHR2	998631	CHR2:998631	SSF x Near_LoA	-7,503	0,073	0,299
CHR3	1E+07	CHR3:10008084	SSF x Near_LoA	-7,755	0,009	0,292
CHR3	1E+07	CHR3:10008085	SSF x Near_LoA	-7,422	0,000	0,302
CHR3	1E+07	CHR3:10008202	SSF x Near_LoA	-9,029	0,046	0,281
CHR3	1E+07	CHR3:10008210	SSF x Near_LoA	1,422	-0,200	0,279
CHR3	1E+07	CHR3:10008224	SSF x Near_LoA	-5,448	-0,141	0,279
CHR3	1E+07	CHR3:10008248	SSF x Near_LoA	-6,895	0,152	0,293
CHR3	1E+07	CHR3:10008349	SSF x Near_LoA	-8,861	0,038	0,271
CHR3	1E+07	CHR3:10012413	SSF x Near_LoA	-9,389	-0,026	0,294
CHR3	1E+07	CHR3:10026302	SSF x Near_LoA	-5,226	-0,150	0,285
CHR3	1E+07	CHR3:10026346	SSF x Near_LoA	-6,832	-0,177	0,271
CHR3	1E+07	CHR3:10026417	SSF x Near_LoA	-9,632	0,050	0,279
CHR3	1E+07	CHR3:10034012	SSF x Near_LoA	-8,696	0,041	0,300
CHR3	1E+07	CHR3:10034022	SSF x Near_LoA	-7,800	0,052	0,298
CHR3	1E+07	CHR3:10034041	SSF x Near_LoA	-9,020	0,007	0,287
CHR3	1E+07	CHR3:10034050	SSF x Near_LoA	-8,125	-0,004	0,282
CHR3	1E+07	CHR3:10034080	SSF x Near_LoA	-9,842	-0,036	0,274
CHR3	1E+07	CHR3:10034182	SSF x Near_LoA	-6,280	-0,055	0,279
CHR3	1E+07	CHR3:10034242	SSF x Near_LoA	-8,427	-0,066	0,284
CHR3	1E+07	CHR3:10045865	SSF x Near_LoA	-9,701	-0,021	0,301
CHR3	1E+07	CHR3:10045878	SSF x Near_LoA	-7,300	-0,077	0,287
CHR3	1E+07	CHR3:10059142	SSF x Near_LoA	-8,919	-0,008	0,291
CHR3	1E+07	CHR3:10059222	SSF x Near_LoA	-9,251	-0,124	0,290
CHR3	1E+07	CHR3:10061667	SSF x Near_LoA	-8,447	0,102	0,293
CHR3	1E+07	CHR3:10061679	SSF x Near_LoA	-8,330	-0,014	0,283
CHR3	1E+07	CHR3:10061708	SSF x Near_LoA	-7,454	0,014	0,303
CHR3	1E+07	CHR3:10061722	SSF x Near_LoA	-8,526	0,098	0,304
CHR3	1E+07	CHR3:10061726	SSF x Near_LoA	-8,631	-0,013	0,291
CHR3	1006591	CHR3:1006591	SSF x Near_LoA	-7,928	-0,136	0,285
CHR3	1006646	CHR3:1006646	SSF x Near_LoA	-7,329	-0,149	0,272
CHR3	1006725	CHR3:1006725	SSF x Near_LoA	-7,868	-0,119	0,290
CHR3	1006839	CHR3:1006839	SSF x Near_LoA	-10,698	0,011	0,288
CHR3	1006922	CHR3:1006922	SSF x Near_LoA	-6,732	0,193	0,278
CHR3	1E+07	CHR3:10074657	SSF x Near_LoA	-3,089	0,237	0,272
CHR3	1E+07	CHR3:10091406	SSF x Near_LoA	-8,296	-0,134	0,292
CHR3	1E+07	CHR3:10091468	SSF x Near_LoA	-7,895	-0,067	0,289
CHR3	1E+07	CHR3:10093520	SSF x Near_LoA	-9,506	0,027	0,290
CHR3	1E+07	CHR3:10093532	SSF x Near_LoA	-9,661	-0,059	0,293
CHR3	1E+07	CHR3:10093533	SSF x Near_LoA	-9,506	-0,048	0,297
CHR3	1E+07	CHR3:10093565	SSF x Near_LoA	-6,041	-0,200	0,281
CHR3	1E+07	CHR3:10094457	SSF x Near_LoA	0,398	-0,165	0,282
CHR3	1E+07	CHR3:10094497	SSF x Near_LoA	-10,040	-0,059	0,284
CHR3	1E+07	CHR3:10094507	SSF x Near_LoA	-4,755	-0,159	0,281
CHR3	1E+07	CHR3:10094521	SSF x Near_LoA	-8,593	-0,061	0,279
CHR3	1E+07	CHR3:10094607	SSF x Near_LoA	-9,322	-0,080	0,290

CHR3	1010368	CHR3:1010368	SSF x Near_LoA	-7,685	0,070	0,287
CHR3	1010392	CHR3:1010392	SSF x Near_LoA	-8,382	-0,109	0,288
CHR3	1010393	CHR3:1010393	SSF x Near_LoA	-9,997	0,012	0,289
CHR3	1010435	CHR3:1010435	SSF x Near_LoA	-6,157	0,094	0,293
CHR3	1E+07	CHR3:10110186	SSF x Near_LoA	-5,430	0,197	0,264
CHR3	1E+07	CHR3:10123062	SSF x Near_LoA	-3,773	0,170	0,291
CHR3	1E+07	CHR3:10123081	SSF x Near_LoA	-5,770	0,232	0,267
CHR3	1E+07	CHR3:10123271	SSF x Near_LoA	-8,024	-0,099	0,286
CHR3	1E+07	CHR3:10135468	SSF x Near_LoA	-10,432	0,052	0,283
CHR3	1E+07	CHR3:10135645	SSF x Near_LoA	-8,320	-0,094	0,290
CHR3	1E+07	CHR3:10135663	SSF x Near_LoA	-10,765	-0,018	0,280
CHR3	1E+07	CHR3:10135665	SSF x Near_LoA	-6,407	-0,164	0,281
CHR3	1E+07	CHR3:10137461	SSF x Near_LoA	-9,237	0,033	0,293
CHR3	1E+07	CHR3:10144910	SSF x Near_LoA	-7,026	-0,033	0,293
CHR3	1E+07	CHR3:10153702	SSF x Near_LoA	-9,853	-0,014	0,294
CHR3	1E+07	CHR3:10183248	SSF x Near_LoA	-9,754	0,085	0,295
CHR3	1E+07	CHR3:10183260	SSF x Near_LoA	-9,766	0,026	0,284
CHR3	1E+07	CHR3:10184176	SSF x Near_LoA	-5,137	0,142	0,279
CHR3	1E+07	CHR3:10184200	SSF x Near_LoA	-7,900	-0,093	0,299
CHR3	1E+07	CHR3:10184211	SSF x Near_LoA	-5,673	0,147	0,271
CHR3	1020644	CHR3:1020644	SSF x Near_LoA	-2,512	-0,229	0,285
CHR3	1E+07	CHR3:10212631	SSF x Near_LoA	-8,423	0,059	0,299
CHR3	1E+07	CHR3:10212755	SSF x Near_LoA	-8,131	0,015	0,289
CHR3	1E+07	CHR3:10212863	SSF x Near_LoA	-6,363	-0,115	0,288
CHR3	1E+07	CHR3:10212872	SSF x Near_LoA	-9,732	0,048	0,292
CHR3	1E+07	CHR3:10218361	SSF x Near_LoA	-7,720	-0,002	0,279
CHR3	1E+07	CHR3:10220457	SSF x Near_LoA	-6,045	-0,131	0,282
CHR3	1E+07	CHR3:10220460	SSF x Near_LoA	-6,639	-0,137	0,279
CHR3	1E+07	CHR3:10220469	SSF x Near_LoA	-6,435	-0,107	0,274
CHR3	1E+07	CHR3:10220496	SSF x Near_LoA	-4,492	-0,147	0,285
CHR3	1E+07	CHR3:10220573	SSF x Near_LoA	-7,055	0,047	0,274
CHR3	1E+07	CHR3:10220607	SSF x Near_LoA	-4,842	0,206	0,273
CHR3	1E+07	CHR3:10220647	SSF x Near_LoA	-8,042	-0,013	0,295
CHR3	1E+07	CHR3:10220656	SSF x Near_LoA	-3,164	0,183	0,274
CHR3	1E+07	CHR3:10220676	SSF x Near_LoA	-6,100	0,200	0,284
CHR3	1E+07	CHR3:10220683	SSF x Near_LoA	-7,559	-0,106	0,288
CHR3	1E+07	CHR3:10220736	SSF x Near_LoA	-6,550	-0,144	0,283
CHR3	1E+07	CHR3:10247625	SSF x Near_LoA	-9,042	-0,107	0,276
CHR3	1E+07	CHR3:10247626	SSF x Near_LoA	-9,868	-0,103	0,289
CHR3	1E+07	CHR3:10247695	SSF x Near_LoA	-7,125	0,020	0,284
CHR3	1E+07	CHR3:10247713	SSF x Near_LoA	-8,366	-0,067	0,305
CHR3	1E+07	CHR3:10247783	SSF x Near_LoA	-9,950	0,095	0,278
CHR3	1E+07	CHR3:10247796	SSF x Near_LoA	-5,613	0,113	0,291
CHR3	1E+07	CHR3:10259873	SSF x Near_LoA	-10,414	0,003	0,292
CHR3	1E+07	CHR3:10259918	SSF x Near_LoA	-9,738	0,019	0,295
CHR3	1E+07	CHR3:10260334	SSF x Near_LoA	-6,531	-0,024	0,282
CHR3	1E+07	CHR3:10260339	SSF x Near_LoA	-7,007	-0,014	0,287
CHR3	1E+07	CHR3:10267582	SSF x Near_LoA	-10,053	0,035	0,284
CHR3	1E+07	CHR3:10267655	SSF x Near_LoA	-7,692	0,031	0,270
CHR3	1026804	CHR3:1026804	SSF x Near_LoA	-8,844	0,057	0,300
CHR3	1E+07	CHR3:10268968	SSF x Near_LoA	-7,947	-0,053	0,299
CHR3	1E+07	CHR3:10268988	SSF x Near_LoA	-7,843	0,045	0,291
CHR3	1E+07	CHR3:10268995	SSF x Near_LoA	-8,741	-0,064	0,290

CHR3	1E+07	CHR3:10269007	SSF x Near_LoA	-7,608	0,105	0,282
CHR3	1E+07	CHR3:10269078	SSF x Near_LoA	-4,741	0,141	0,290
CHR3	1E+07	CHR3:10269102	SSF x Near_LoA	-10,605	-0,046	0,282
CHR3	1E+07	CHR3:10269121	SSF x Near_LoA	-10,373	-0,063	0,291
CHR3	1E+07	CHR3:10269159	SSF x Near_LoA	-9,209	0,067	0,282
CHR3	1E+07	CHR3:10269172	SSF x Near_LoA	-6,701	0,023	0,292
CHR3	1E+07	CHR3:10272995	SSF x Near_LoA	-7,244	0,046	0,275
CHR3	1E+07	CHR3:10273020	SSF x Near_LoA	-5,929	0,181	0,282
CHR3	1E+07	CHR3:10273035	SSF x Near_LoA	-8,614	-0,024	0,277
CHR3	1E+07	CHR3:10273036	SSF x Near_LoA	-7,050	0,034	0,277
CHR3	1E+07	CHR3:10293890	SSF x Near_LoA	-9,662	0,053	0,292
CHR3	1E+07	CHR3:10293905	SSF x Near_LoA	-3,589	0,157	0,275
CHR3	1E+07	CHR3:10293983	SSF x Near_LoA	-6,373	-0,162	0,280
CHR3	1031519	CHR3:1031519	SSF x Near_LoA	-4,611	0,132	0,286
CHR3	1E+07	CHR3:10337705	SSF x Near_LoA	-5,747	-0,130	0,287
CHR3	1E+07	CHR3:10341563	SSF x Near_LoA	-5,779	-0,209	0,282
CHR3	1E+07	CHR3:10345379	SSF x Near_LoA	-10,013	0,088	0,277
CHR3	1E+07	CHR3:10356458	SSF x Near_LoA	-8,894	0,023	0,275
CHR3	1E+07	CHR3:10361695	SSF x Near_LoA	-7,629	0,018	0,285
CHR3	1E+07	CHR3:10361704	SSF x Near_LoA	-8,637	0,024	0,292
CHR3	1E+07	CHR3:10361723	SSF x Near_LoA	-5,310	0,161	0,274
CHR3	1E+07	CHR3:10361791	SSF x Near_LoA	-0,352	-0,040	0,285
CHR3	1E+07	CHR3:10361821	SSF x Near_LoA	-5,274	0,198	0,269
CHR3	1E+07	CHR3:10361826	SSF x Near_LoA	-4,228	0,163	0,274
CHR3	1E+07	CHR3:10361871	SSF x Near_LoA	-3,754	-0,144	0,296
CHR3	1E+07	CHR3:10361875	SSF x Near_LoA	-9,678	0,000	0,295
CHR3	1039660	CHR3:1039660	SSF x Near_LoA	-6,154	-0,055	0,295
CHR3	1E+07	CHR3:10406691	SSF x Near_LoA	-9,650	-0,014	0,294
CHR3	1E+07	CHR3:10406797	SSF x Near_LoA	-9,596	-0,043	0,294
CHR3	1E+07	CHR3:10406970	SSF x Near_LoA	-8,560	-0,018	0,296
CHR3	1E+07	CHR3:10406995	SSF x Near_LoA	-6,864	0,107	0,286
CHR3	1E+07	CHR3:10407025	SSF x Near_LoA	-10,411	-0,012	0,291
CHR3	1E+07	CHR3:10407033	SSF x Near_LoA	-8,766	-0,055	0,283
CHR3	1041925	CHR3:1041925	SSF x Near_LoA	-5,452	0,053	0,281
CHR3	1042039	CHR3:1042039	SSF x Near_LoA	-4,187	-0,096	0,287
CHR3	1E+07	CHR3:10432489	SSF x Near_LoA	-10,324	-0,010	0,272
CHR3	1E+07	CHR3:10432531	SSF x Near_LoA	-8,426	-0,104	0,284
CHR3	1E+07	CHR3:10432532	SSF x Near_LoA	-7,994	0,053	0,301
CHR3	1E+07	CHR3:10432546	SSF x Near_LoA	-11,299	0,029	0,279
CHR3	1E+07	CHR3:10432566	SSF x Near_LoA	-7,069	-0,006	0,296
CHR3	1E+07	CHR3:10432567	SSF x Near_LoA	-4,996	0,041	0,290
CHR3	1E+07	CHR3:10432636	SSF x Near_LoA	-8,542	-0,035	0,282
CHR3	1E+07	CHR3:10432769	SSF x Near_LoA	-11,370	-0,020	0,262
CHR3	1E+07	CHR3:10435157	SSF x Near_LoA	-7,431	0,085	0,299
CHR3	1E+07	CHR3:10435176	SSF x Near_LoA	-8,055	0,095	0,283
CHR3	1E+07	CHR3:10435186	SSF x Near_LoA	-6,885	0,035	0,298
CHR3	1E+07	CHR3:10435208	SSF x Near_LoA	-5,285	0,049	0,283
CHR3	1E+07	CHR3:10444928	SSF x Near_LoA	-10,186	0,022	0,294
CHR3	1E+07	CHR3:10444944	SSF x Near_LoA	-8,701	-0,015	0,302
CHR3	1E+07	CHR3:10464083	SSF x Near_LoA	-6,613	-0,110	0,291
CHR3	1E+07	CHR3:10464134	SSF x Near_LoA	-8,153	-0,174	0,285
CHR3	1E+07	CHR3:10464214	SSF x Near_LoA	-3,839	-0,148	0,293
CHR3	1E+07	CHR3:10464546	SSF x Near_LoA	-4,431	0,115	0,284

CHR3	1E+07	CHR3:10471779	SSF x Near_LoA	-6,329	0,099	0,266
CHR3	1E+07	CHR3:10471934	SSF x Near_LoA	-8,978	-0,060	0,288
CHR3	1048550	CHR3:1048550	SSF x Near_LoA	-10,033	0,045	0,284
CHR3	1E+07	CHR3:10499801	SSF x Near_LoA	-5,323	-0,093	0,289
CHR3	10500124	CHR3:10500124	SSF x Near_LoA	-7,395	-0,010	0,291
CHR3	10501510	CHR3:10501510	SSF x Near_LoA	-8,021	0,107	0,296
CHR3	10501601	CHR3:10501601	SSF x Near_LoA	-7,815	0,041	0,298
CHR3	10537797	CHR3:10537797	SSF x Near_LoA	-7,952	0,049	0,290
CHR3	10537874	CHR3:10537874	SSF x Near_LoA	-7,931	0,005	0,286
CHR3	10537883	CHR3:10537883	SSF x Near_LoA	-10,406	-0,010	0,290
CHR3	10542334	CHR3:10542334	SSF x Near_LoA	-6,696	-0,128	0,293
CHR3	10542360	CHR3:10542360	SSF x Near_LoA	-10,146	-0,019	0,281
CHR3	10542429	CHR3:10542429	SSF x Near_LoA	-7,554	0,030	0,295
CHR3	10542441	CHR3:10542441	SSF x Near_LoA	-7,682	-0,025	0,295
CHR3	10542470	CHR3:10542470	SSF x Near_LoA	-8,025	0,096	0,292
CHR3	10545647	CHR3:10545647	SSF x Near_LoA	-8,524	-0,048	0,284
CHR3	10545697	CHR3:10545697	SSF x Near_LoA	-10,003	-0,080	0,300
CHR3	10551662	CHR3:10551662	SSF x Near_LoA	-7,149	0,080	0,289
CHR3	10551711	CHR3:10551711	SSF x Near_LoA	-10,043	-0,005	0,276
CHR3	10551751	CHR3:10551751	SSF x Near_LoA	-7,955	0,117	0,280
CHR3	10551768	CHR3:10551768	SSF x Near_LoA	-7,995	0,099	0,291
CHR3	10559155	CHR3:10559155	SSF x Near_LoA	-10,168	0,043	0,273
CHR3	10569667	CHR3:10569667	SSF x Near_LoA	-8,626	-0,038	0,288
CHR3	10569766	CHR3:10569766	SSF x Near_LoA	-5,392	-0,174	0,282
CHR3	10569804	CHR3:10569804	SSF x Near_LoA	-8,499	0,052	0,288
CHR3	10569821	CHR3:10569821	SSF x Near_LoA	-7,729	-0,005	0,279
CHR3	10569833	CHR3:10569833	SSF x Near_LoA	-8,380	0,007	0,291
CHR3	10569840	CHR3:10569840	SSF x Near_LoA	-8,182	0,036	0,292
CHR3	10569842	CHR3:10569842	SSF x Near_LoA	-8,748	0,014	0,285
CHR3	10569969	CHR3:10569969	SSF x Near_LoA	-9,109	0,052	0,275
CHR3	10569996	CHR3:10569996	SSF x Near_LoA	-6,984	0,067	0,294
CHR3	10598921	CHR3:10598921	SSF x Near_LoA	-5,969	0,156	0,282
CHR3	10598927	CHR3:10598927	SSF x Near_LoA	-9,604	0,118	0,269
CHR3	10598976	CHR3:10598976	SSF x Near_LoA	-8,151	-0,173	0,273
CHR3	10598979	CHR3:10598979	SSF x Near_LoA	-11,050	0,017	0,280
CHR3	10599015	CHR3:10599015	SSF x Near_LoA	-7,851	-0,141	0,284
CHR3	10599021	CHR3:10599021	SSF x Near_LoA	-7,092	-0,125	0,289
CHR3	10599037	CHR3:10599037	SSF x Near_LoA	-6,198	0,069	0,282
CHR3	10599163	CHR3:10599163	SSF x Near_LoA	-9,611	-0,083	0,281
CHR3	10608137	CHR3:10608137	SSF x Near_LoA	-9,887	0,112	0,274
CHR3	10608193	CHR3:10608193	SSF x Near_LoA	-8,850	-0,001	0,277
CHR3	10608262	CHR3:10608262	SSF x Near_LoA	-5,900	0,010	0,285
CHR3	10608375	CHR3:10608375	SSF x Near_LoA	-7,416	-0,104	0,275
CHR3	10612026	CHR3:10612026	SSF x Near_LoA	-7,009	0,024	0,290
CHR3	10612077	CHR3:10612077	SSF x Near_LoA	-7,386	0,113	0,284
CHR3	10612097	CHR3:10612097	SSF x Near_LoA	-4,962	0,033	0,297
CHR3	10612141	CHR3:10612141	SSF x Near_LoA	-6,698	0,039	0,292
CHR3	10612196	CHR3:10612196	SSF x Near_LoA	-7,591	-0,035	0,293
CHR3	10613705	CHR3:10613705	SSF x Near_LoA	-8,918	-0,072	0,294
CHR3	10613732	CHR3:10613732	SSF x Near_LoA	-7,835	-0,103	0,284
CHR3	10613748	CHR3:10613748	SSF x Near_LoA	-9,686	-0,001	0,269
CHR3	10613773	CHR3:10613773	SSF x Near_LoA	-7,193	0,155	0,281
CHR3	10613888	CHR3:10613888	SSF x Near_LoA	-4,665	0,157	0,282

CHR3	10626843	CHR3:10626843	SSF x Near_LoA	-4,804	-0,155	0,270
CHR3	10628130	CHR3:10628130	SSF x Near_LoA	-8,281	-0,001	0,276
CHR3	10648180	CHR3:10648180	SSF x Near_LoA	-6,020	0,018	0,293
CHR3	10648249	CHR3:10648249	SSF x Near_LoA	-6,769	-0,072	0,285
CHR3	10648264	CHR3:10648264	SSF x Near_LoA	-6,483	-0,223	0,278
CHR3	10648326	CHR3:10648326	SSF x Near_LoA	-2,984	-0,205	0,260
CHR3	10648333	CHR3:10648333	SSF x Near_LoA	-5,661	0,240	0,262
CHR3	10648335	CHR3:10648335	SSF x Near_LoA	-3,962	-0,166	0,276
CHR3	10648342	CHR3:10648342	SSF x Near_LoA	-8,878	-0,040	0,282
CHR3	10648349	CHR3:10648349	SSF x Near_LoA	-9,334	-0,030	0,287
CHR3	10648373	CHR3:10648373	SSF x Near_LoA	-8,916	-0,031	0,285
CHR3	10675404	CHR3:10675404	SSF x Near_LoA	-7,116	0,032	0,292
CHR3	10723177	CHR3:10723177	SSF x Near_LoA	-2,145	0,265	0,266
CHR3	10723217	CHR3:10723217	SSF x Near_LoA	-5,806	-0,020	0,303
CHR3	10723225	CHR3:10723225	SSF x Near_LoA	1,108	0,151	0,290
CHR3	10723246	CHR3:10723246	SSF x Near_LoA	-6,635	0,159	0,267
CHR3	10723298	CHR3:10723298	SSF x Near_LoA	-9,801	0,080	0,287
CHR3	10723379	CHR3:10723379	SSF x Near_LoA	-2,411	0,162	0,281
CHR3	10742231	CHR3:10742231	SSF x Near_LoA	-6,873	-0,054	0,293
CHR3	10759598	CHR3:10759598	SSF x Near_LoA	-8,026	0,020	0,293
CHR3	10759631	CHR3:10759631	SSF x Near_LoA	-7,421	0,050	0,282
CHR3	10783989	CHR3:10783989	SSF x Near_LoA	-7,699	0,017	0,282
CHR3	10784034	CHR3:10784034	SSF x Near_LoA	-7,917	0,041	0,282
CHR3	10817693	CHR3:10817693	SSF x Near_LoA	-8,934	0,008	0,304
CHR3	10817723	CHR3:10817723	SSF x Near_LoA	-6,090	0,194	0,295
CHR3	10817817	CHR3:10817817	SSF x Near_LoA	-5,062	-0,127	0,272
CHR3	10819305	CHR3:10819305	SSF x Near_LoA	-7,197	-0,052	0,285
CHR3	10828628	CHR3:10828628	SSF x Near_LoA	-7,747	-0,001	0,281
CHR3	10840428	CHR3:10840428	SSF x Near_LoA	-7,205	0,039	0,299
CHR3	10840852	CHR3:10840852	SSF x Near_LoA	-9,822	0,054	0,285
CHR3	10840853	CHR3:10840853	SSF x Near_LoA	-9,581	-0,053	0,290
CHR3	10861360	CHR3:10861360	SSF x Near_LoA	-7,202	-0,096	0,291
CHR3	10866421	CHR3:10866421	SSF x Near_LoA	-10,768	-0,068	0,285
CHR3	10873784	CHR3:10873784	SSF x Near_LoA	-7,818	0,017	0,292
CHR3	10873788	CHR3:10873788	SSF x Near_LoA	-7,749	0,106	0,290
CHR3	10873958	CHR3:10873958	SSF x Near_LoA	-8,336	-0,025	0,297
CHR3	10886427	CHR3:10886427	SSF x Near_LoA	-9,199	0,094	0,285
CHR3	10886594	CHR3:10886594	SSF x Near_LoA	-7,484	0,153	0,285
CHR3	10886611	CHR3:10886611	SSF x Near_LoA	-2,144	0,120	0,283
CHR3	10886628	CHR3:10886628	SSF x Near_LoA	-7,323	0,122	0,279
CHR3	1090516	CHR3:1090516	SSF x Near_LoA	-8,511	-0,049	0,297
CHR3	1090523	CHR3:1090523	SSF x Near_LoA	-7,995	-0,065	0,277
CHR3	10905339	CHR3:10905339	SSF x Near_LoA	-7,943	0,059	0,271
CHR3	10905487	CHR3:10905487	SSF x Near_LoA	-8,689	0,072	0,281
CHR3	1092538	CHR3:1092538	SSF x Near_LoA	-5,771	-0,168	0,273
CHR3	1092655	CHR3:1092655	SSF x Near_LoA	-7,285	0,131	0,279
CHR3	10930599	CHR3:10930599	SSF x Near_LoA	-8,513	-0,008	0,294
CHR3	10930618	CHR3:10930618	SSF x Near_LoA	-8,285	0,049	0,277
CHR3	10930826	CHR3:10930826	SSF x Near_LoA	-4,158	0,021	0,285
CHR3	10936293	CHR3:10936293	SSF x Near_LoA	-7,291	-0,067	0,280
CHR3	10936308	CHR3:10936308	SSF x Near_LoA	-7,652	-0,058	0,283
CHR3	10943438	CHR3:10943438	SSF x Near_LoA	-7,886	0,055	0,286
CHR3	10943459	CHR3:10943459	SSF x Near_LoA	-8,161	0,051	0,286

CHR3	10972211	CHR3:10972211	SSF x Near_LoA	-8,356	0,089	0,286
CHR3	10993330	CHR3:10993330	SSF x Near_LoA	-9,014	-0,090	0,283
CHR3	10993331	CHR3:10993331	SSF x Near_LoA	6,625	0,110	0,286
CHR3	11008960	CHR3:11008960	SSF x Near_LoA	4,707	0,151	0,295
CHR3	11008966	CHR3:11008966	SSF x Near_LoA	5,122	0,160	0,282
CHR3	11010541	CHR3:11010541	SSF x Near_LoA	-9,811	-0,068	0,287
CHR3	11010696	CHR3:11010696	SSF x Near_LoA	-9,313	0,083	0,273
CHR3	11010716	CHR3:11010716	SSF x Near_LoA	-8,189	0,040	0,299
CHR3	1101844	CHR3:1101844	SSF x Near_LoA	-6,328	0,132	0,290
CHR3	11025081	CHR3:11025081	SSF x Near_LoA	-9,285	-0,017	0,290
CHR3	11082426	CHR3:11082426	SSF x Near_LoA	-9,755	0,043	0,300
CHR3	11082491	CHR3:11082491	SSF x Near_LoA	-8,232	0,066	0,274
CHR3	11130848	CHR3:11130848	SSF x Near_LoA	-7,449	0,115	0,290
CHR3	11130891	CHR3:11130891	SSF x Near_LoA	-8,121	0,063	0,289
CHR3	11130903	CHR3:11130903	SSF x Near_LoA	-6,503	0,055	0,299
CHR3	11141746	CHR3:11141746	SSF x Near_LoA	-9,869	-0,047	0,287
CHR3	11141749	CHR3:11141749	SSF x Near_LoA	-9,340	0,040	0,278
CHR3	11141983	CHR3:11141983	SSF x Near_LoA	-10,265	0,059	0,289
CHR3	11162566	CHR3:11162566	SSF x Near_LoA	-10,072	0,017	0,280
CHR3	11162860	CHR3:11162860	SSF x Near_LoA	-10,752	-0,047	0,284
CHR3	11166619	CHR3:11166619	SSF x Near_LoA	-7,830	0,073	0,268
CHR3	1116773	CHR3:1116773	SSF x Near_LoA	-5,929	-0,042	0,293
CHR3	11168055	CHR3:11168055	SSF x Near_LoA	-5,185	-0,054	0,284
CHR3	11168060	CHR3:11168060	SSF x Near_LoA	-7,309	0,007	0,295
CHR3	11168069	CHR3:11168069	SSF x Near_LoA	-7,487	-0,053	0,288
CHR3	1116816	CHR3:1116816	SSF x Near_LoA	-8,550	0,011	0,290
CHR3	11168210	CHR3:11168210	SSF x Near_LoA	-4,996	0,102	0,292
CHR3	1116824	CHR3:1116824	SSF x Near_LoA	-7,847	0,058	0,286
CHR3	11176882	CHR3:11176882	SSF x Near_LoA	-8,352	0,081	0,273
CHR3	11176899	CHR3:11176899	SSF x Near_LoA	-9,077	0,045	0,284
CHR3	11176960	CHR3:11176960	SSF x Near_LoA	-8,370	0,093	0,291
CHR3	11176972	CHR3:11176972	SSF x Near_LoA	-8,631	0,047	0,289
CHR3	11176986	CHR3:11176986	SSF x Near_LoA	-8,867	0,132	0,293
CHR3	11176994	CHR3:11176994	SSF x Near_LoA	-6,839	-0,071	0,301
CHR3	11176996	CHR3:11176996	SSF x Near_LoA	-6,818	0,045	0,297
CHR3	11177014	CHR3:11177014	SSF x Near_LoA	-8,856	-0,097	0,279
CHR3	11177034	CHR3:11177034	SSF x Near_LoA	-8,852	-0,103	0,284
CHR3	11177073	CHR3:11177073	SSF x Near_LoA	-7,041	0,108	0,279
CHR3	11184313	CHR3:11184313	SSF x Near_LoA	-7,809	0,127	0,277
CHR3	11184345	CHR3:11184345	SSF x Near_LoA	-8,021	-0,115	0,277
CHR3	11184349	CHR3:11184349	SSF x Near_LoA	-9,563	0,109	0,272
CHR3	11184470	CHR3:11184470	SSF x Near_LoA	-7,457	-0,011	0,304
CHR3	11184471	CHR3:11184471	SSF x Near_LoA	-4,236	0,165	0,274
CHR3	11184513	CHR3:11184513	SSF x Near_LoA	-7,613	-0,114	0,292
CHR3	11188152	CHR3:11188152	SSF x Near_LoA	-9,213	-0,093	0,277
CHR3	11188239	CHR3:11188239	SSF x Near_LoA	-10,386	0,036	0,283
CHR3	11188254	CHR3:11188254	SSF x Near_LoA	-7,438	-0,082	0,283
CHR3	11200512	CHR3:11200512	SSF x Near_LoA	-8,356	0,119	0,287
CHR3	11200748	CHR3:11200748	SSF x Near_LoA	-10,142	0,009	0,288
CHR3	11208102	CHR3:11208102	SSF x Near_LoA	-0,578	0,104	0,303
CHR3	11208315	CHR3:11208315	SSF x Near_LoA	-5,700	-0,194	0,274
CHR3	11208322	CHR3:11208322	SSF x Near_LoA	-6,831	-0,144	0,306
CHR3	11213718	CHR3:11213718	SSF x Near_LoA	-9,827	0,094	0,287

CHR3	11213774	CHR3:11213774	SSF x Near_LoA	-6,335	-0,063	0,285
CHR3	11213775	CHR3:11213775	SSF x Near_LoA	-7,472	0,139	0,283
CHR3	11213785	CHR3:11213785	SSF x Near_LoA	-7,695	0,010	0,283
CHR3	11213826	CHR3:11213826	SSF x Near_LoA	-6,812	0,040	0,288
CHR3	11213827	CHR3:11213827	SSF x Near_LoA	-7,561	0,050	0,284
CHR3	11213839	CHR3:11213839	SSF x Near_LoA	-7,849	0,153	0,290
CHR3	11213852	CHR3:11213852	SSF x Near_LoA	-6,898	0,107	0,288
CHR3	11213856	CHR3:11213856	SSF x Near_LoA	-7,664	0,103	0,274
CHR3	11213934	CHR3:11213934	SSF x Near_LoA	-9,685	0,025	0,288
CHR3	11214012	CHR3:11214012	SSF x Near_LoA	-8,767	-0,113	0,286
CHR3	11234882	CHR3:11234882	SSF x Near_LoA	-5,657	-0,055	0,294
CHR3	11234945	CHR3:11234945	SSF x Near_LoA	-9,878	-0,042	0,280
CHR3	11234953	CHR3:11234953	SSF x Near_LoA	-10,267	0,053	0,280
CHR3	11234956	CHR3:11234956	SSF x Near_LoA	-8,892	0,044	0,275
CHR3	11234972	CHR3:11234972	SSF x Near_LoA	-9,066	0,077	0,285
CHR3	11234978	CHR3:11234978	SSF x Near_LoA	-8,178	0,056	0,295
CHR3	11235016	CHR3:11235016	SSF x Near_LoA	-8,396	0,008	0,286
CHR3	11235027	CHR3:11235027	SSF x Near_LoA	-9,594	0,013	0,291
CHR3	11235042	CHR3:11235042	SSF x Near_LoA	-7,340	0,099	0,272
CHR3	11235049	CHR3:11235049	SSF x Near_LoA	-9,040	-0,011	0,297
CHR3	11235065	CHR3:11235065	SSF x Near_LoA	-7,719	-0,029	0,290
CHR3	11235092	CHR3:11235092	SSF x Near_LoA	-2,864	-0,113	0,300
CHR3	11235131	CHR3:11235131	SSF x Near_LoA	-8,588	0,079	0,291
CHR3	11235144	CHR3:11235144	SSF x Near_LoA	-7,499	-0,079	0,294
CHR3	11235172	CHR3:11235172	SSF x Near_LoA	-7,922	0,040	0,291
CHR3	11245225	CHR3:11245225	SSF x Near_LoA	-11,252	0,016	0,283
CHR3	11245226	CHR3:11245226	SSF x Near_LoA	-8,335	-0,006	0,295
CHR3	11247275	CHR3:11247275	SSF x Near_LoA	-5,742	0,126	0,275
CHR3	11247315	CHR3:11247315	SSF x Near_LoA	-10,052	-0,118	0,273
CHR3	1125221	CHR3:1125221	SSF x Near_LoA	-10,068	-0,003	0,279
CHR3	1125375	CHR3:1125375	SSF x Near_LoA	-10,394	-0,057	0,285
CHR3	1126410	CHR3:1126410	SSF x Near_LoA	-8,309	-0,048	0,279
CHR3	11290348	CHR3:11290348	SSF x Near_LoA	-8,679	0,036	0,295
CHR3	11290363	CHR3:11290363	SSF x Near_LoA	-6,650	-0,163	0,274
CHR3	11290489	CHR3:11290489	SSF x Near_LoA	-10,146	0,035	0,290
CHR3	11304708	CHR3:11304708	SSF x Near_LoA	-9,232	-0,007	0,299
CHR3	11304817	CHR3:11304817	SSF x Near_LoA	-7,914	-0,103	0,289
CHR3	11305665	CHR3:11305665	SSF x Near_LoA	-7,817	-0,096	0,275
CHR3	11305847	CHR3:11305847	SSF x Near_LoA	-10,478	-0,047	0,284
CHR3	11317836	CHR3:11317836	SSF x Near_LoA	-9,619	0,010	0,288
CHR3	11317858	CHR3:11317858	SSF x Near_LoA	-9,033	0,066	0,281
CHR3	11324412	CHR3:11324412	SSF x Near_LoA	-7,836	0,103	0,294
CHR3	11324732	CHR3:11324732	SSF x Near_LoA	-5,890	0,009	0,288
CHR3	11334884	CHR3:11334884	SSF x Near_LoA	-7,954	0,105	0,278
CHR3	11334891	CHR3:11334891	SSF x Near_LoA	-6,684	0,085	0,280
CHR3	11334909	CHR3:11334909	SSF x Near_LoA	-6,820	-0,084	0,293
CHR3	11334946	CHR3:11334946	SSF x Near_LoA	-6,294	-0,108	0,298
CHR3	11334978	CHR3:11334978	SSF x Near_LoA	-8,123	0,069	0,280
CHR3	11335015	CHR3:11335015	SSF x Near_LoA	-7,787	-0,005	0,300
CHR3	11335016	CHR3:11335016	SSF x Near_LoA	-8,392	-0,038	0,292
CHR3	11335062	CHR3:11335062	SSF x Near_LoA	-7,431	0,080	0,284
CHR3	11369364	CHR3:11369364	SSF x Near_LoA	-9,623	0,034	0,289
CHR3	11369379	CHR3:11369379	SSF x Near_LoA	-9,757	0,056	0,266

CHR3	11369407	CHR3:11369407	SSF x Near_LoA	-3,569	0,229	0,282
CHR3	11369437	CHR3:11369437	SSF x Near_LoA	-6,401	-0,015	0,284
CHR3	11369459	CHR3:11369459	SSF x Near_LoA	-2,610	0,039	0,265
CHR3	1137677	CHR3:1137677	SSF x Near_LoA	-5,310	-0,035	0,298
CHR3	1137761	CHR3:1137761	SSF x Near_LoA	-6,259	-0,086	0,293
CHR3	1137791	CHR3:1137791	SSF x Near_LoA	-7,204	-0,104	0,287
CHR3	11378798	CHR3:11378798	SSF x Near_LoA	-9,607	-0,133	0,290
CHR3	11378877	CHR3:11378877	SSF x Near_LoA	-9,042	-0,019	0,283
CHR3	11378887	CHR3:11378887	SSF x Near_LoA	5,292	-0,142	0,281
CHR3	11378908	CHR3:11378908	SSF x Near_LoA	-2,649	-0,002	0,288
CHR3	11378910	CHR3:11378910	SSF x Near_LoA	-7,289	-0,022	0,281
CHR3	11389111	CHR3:11389111	SSF x Near_LoA	-7,552	0,028	0,288
CHR3	11412708	CHR3:11412708	SSF x Near_LoA	-8,240	0,017	0,277
CHR3	11412841	CHR3:11412841	SSF x Near_LoA	-7,745	0,000	0,298
CHR3	11412911	CHR3:11412911	SSF x Near_LoA	-5,198	-0,197	0,289
CHR3	11417672	CHR3:11417672	SSF x Near_LoA	-5,532	-0,145	0,291
CHR3	11417750	CHR3:11417750	SSF x Near_LoA	-3,132	0,193	0,276
CHR3	11417789	CHR3:11417789	SSF x Near_LoA	-5,831	-0,167	0,281
CHR3	11417902	CHR3:11417902	SSF x Near_LoA	-9,429	-0,033	0,277
CHR3	11417912	CHR3:11417912	SSF x Near_LoA	-10,492	0,010	0,300
CHR3	11425237	CHR3:11425237	SSF x Near_LoA	-8,348	-0,093	0,287
CHR3	11428829	CHR3:11428829	SSF x Near_LoA	-7,402	0,053	0,287
CHR3	11429038	CHR3:11429038	SSF x Near_LoA	-8,466	0,113	0,295
CHR3	11434786	CHR3:11434786	SSF x Near_LoA	-7,346	-0,011	0,289
CHR3	11434795	CHR3:11434795	SSF x Near_LoA	-8,514	0,019	0,294
CHR3	11434831	CHR3:11434831	SSF x Near_LoA	-7,232	-0,035	0,299
CHR3	11434834	CHR3:11434834	SSF x Near_LoA	-5,672	0,069	0,296
CHR3	11435010	CHR3:11435010	SSF x Near_LoA	-8,488	0,118	0,287
CHR3	11450075	CHR3:11450075	SSF x Near_LoA	-6,981	-0,100	0,271
CHR3	11502046	CHR3:11502046	SSF x Near_LoA	-7,881	-0,035	0,297
CHR3	11502059	CHR3:11502059	SSF x Near_LoA	-2,253	-0,178	0,291
CHR3	11502237	CHR3:11502237	SSF x Near_LoA	-8,995	0,016	0,290
CHR3	11506393	CHR3:11506393	SSF x Near_LoA	-9,289	0,052	0,301
CHR3	11506528	CHR3:11506528	SSF x Near_LoA	-7,267	0,011	0,273
CHR3	11510206	CHR3:11510206	SSF x Near_LoA	-9,576	0,121	0,268
CHR3	11510267	CHR3:11510267	SSF x Near_LoA	-8,993	-0,075	0,287
CHR3	11510312	CHR3:11510312	SSF x Near_LoA	-9,906	0,036	0,283
CHR3	11510337	CHR3:11510337	SSF x Near_LoA	-7,822	0,097	0,284
CHR3	11510415	CHR3:11510415	SSF x Near_LoA	-10,543	-0,023	0,269
CHR3	11510451	CHR3:11510451	SSF x Near_LoA	-8,627	0,063	0,295
CHR3	11518328	CHR3:11518328	SSF x Near_LoA	-9,061	-0,004	0,295
CHR3	11518514	CHR3:11518514	SSF x Near_LoA	-4,265	0,167	0,275
CHR3	11518538	CHR3:11518538	SSF x Near_LoA	-10,030	0,008	0,290
CHR3	11545663	CHR3:11545663	SSF x Near_LoA	-4,536	0,247	0,268
CHR3	11545892	CHR3:11545892	SSF x Near_LoA	-3,094	-0,230	0,247
CHR3	11552882	CHR3:11552882	SSF x Near_LoA	-8,104	0,097	0,287
CHR3	11552948	CHR3:11552948	SSF x Near_LoA	-8,194	0,084	0,294
CHR3	11552960	CHR3:11552960	SSF x Near_LoA	-5,210	0,190	0,279
CHR3	11553027	CHR3:11553027	SSF x Near_LoA	-7,521	0,003	0,301
CHR3	11553044	CHR3:11553044	SSF x Near_LoA	-8,672	-0,010	0,286
CHR3	11553110	CHR3:11553110	SSF x Near_LoA	-5,051	0,161	0,276
CHR3	11560517	CHR3:11560517	SSF x Near_LoA	-4,964	0,151	0,286
CHR3	11560537	CHR3:11560537	SSF x Near_LoA	-6,861	-0,060	0,270

CHR3	11560673	CHR3:11560673	SSF x Near_LoA	-6,198	0,194	0,283
CHR3	11560731	CHR3:11560731	SSF x Near_LoA	-9,181	-0,019	0,273
CHR3	11560749	CHR3:11560749	SSF x Near_LoA	-10,716	0,027	0,285
CHR3	11560758	CHR3:11560758	SSF x Near_LoA	-3,096	-0,173	0,267
CHR3	11588158	CHR3:11588158	SSF x Near_LoA	-7,142	-0,032	0,308
CHR3	11588159	CHR3:11588159	SSF x Near_LoA	-8,003	-0,005	0,292
CHR3	11609563	CHR3:11609563	SSF x Near_LoA	-9,131	-0,045	0,300
CHR3	11612441	CHR3:11612441	SSF x Near_LoA	-9,675	-0,041	0,280
CHR3	11620073	CHR3:11620073	SSF x Near_LoA	-8,919	0,050	0,280
CHR3	11621057	CHR3:11621057	SSF x Near_LoA	-9,018	-0,014	0,292
CHR3	11621090	CHR3:11621090	SSF x Near_LoA	-6,918	-0,052	0,291
CHR3	11621161	CHR3:11621161	SSF x Near_LoA	-3,012	-0,205	0,287
CHR3	11621195	CHR3:11621195	SSF x Near_LoA	-8,364	-0,038	0,287
CHR3	11625926	CHR3:11625926	SSF x Near_LoA	-7,469	-0,077	0,284
CHR3	11638905	CHR3:11638905	SSF x Near_LoA	-8,099	-0,019	0,294
CHR3	11639266	CHR3:11639266	SSF x Near_LoA	-9,479	-0,011	0,282
CHR3	11640996	CHR3:11640996	SSF x Near_LoA	-7,722	-0,028	0,271
CHR3	11644955	CHR3:11644955	SSF x Near_LoA	-8,440	0,089	0,281
CHR3	11661237	CHR3:11661237	SSF x Near_LoA	-8,998	-0,072	0,292
CHR3	11661296	CHR3:11661296	SSF x Near_LoA	-7,257	-0,032	0,282
CHR3	11661401	CHR3:11661401	SSF x Near_LoA	-7,088	0,102	0,271
CHR3	11664087	CHR3:11664087	SSF x Near_LoA	-6,962	0,120	0,281
CHR3	11672005	CHR3:11672005	SSF x Near_LoA	-3,113	0,176	0,262
CHR3	11672012	CHR3:11672012	SSF x Near_LoA	-7,629	-0,031	0,281
CHR3	11672116	CHR3:11672116	SSF x Near_LoA	-5,005	0,189	0,266
CHR3	11672126	CHR3:11672126	SSF x Near_LoA	-8,594	0,036	0,251
CHR3	11672408	CHR3:11672408	SSF x Near_LoA	-9,866	-0,074	0,294
CHR3	11698700	CHR3:11698700	SSF x Near_LoA	-6,886	0,092	0,292
CHR3	11698929	CHR3:11698929	SSF x Near_LoA	-7,833	-0,056	0,289
CHR3	11698938	CHR3:11698938	SSF x Near_LoA	-6,910	0,051	0,299
CHR3	11698957	CHR3:11698957	SSF x Near_LoA	-8,682	-0,051	0,277
CHR3	11705042	CHR3:11705042	SSF x Near_LoA	-9,650	-0,048	0,290
CHR3	11705083	CHR3:11705083	SSF x Near_LoA	-6,974	0,082	0,298
CHR3	11732146	CHR3:11732146	SSF x Near_LoA	-10,004	0,053	0,292
CHR3	11732303	CHR3:11732303	SSF x Near_LoA	-8,171	0,095	0,286
CHR3	11732347	CHR3:11732347	SSF x Near_LoA	-7,563	-0,110	0,284
CHR3	11741677	CHR3:11741677	SSF x Near_LoA	-8,049	-0,062	0,276
CHR3	11741689	CHR3:11741689	SSF x Near_LoA	-3,034	0,105	0,262
CHR3	11741727	CHR3:11741727	SSF x Near_LoA	-7,703	-0,082	0,295
CHR3	11741829	CHR3:11741829	SSF x Near_LoA	-4,854	0,199	0,263
CHR3	11741843	CHR3:11741843	SSF x Near_LoA	-7,316	-0,017	0,294
CHR3	11741877	CHR3:11741877	SSF x Near_LoA	-9,303	-0,059	0,285
CHR3	11744252	CHR3:11744252	SSF x Near_LoA	-10,048	0,076	0,293
CHR3	11744255	CHR3:11744255	SSF x Near_LoA	-7,061	0,027	0,280
CHR3	11744283	CHR3:11744283	SSF x Near_LoA	-8,863	-0,033	0,298
CHR3	11744376	CHR3:11744376	SSF x Near_LoA	-5,315	-0,087	0,269
CHR3	11744535	CHR3:11744535	SSF x Near_LoA	-9,479	-0,038	0,289
CHR3	11751639	CHR3:11751639	SSF x Near_LoA	-6,408	-0,074	0,298
CHR3	11751692	CHR3:11751692	SSF x Near_LoA	-7,422	-0,042	0,297
CHR3	11770672	CHR3:11770672	SSF x Near_LoA	-10,596	-0,015	0,289
CHR3	11770816	CHR3:11770816	SSF x Near_LoA	-7,225	0,075	0,303
CHR3	11770896	CHR3:11770896	SSF x Near_LoA	-8,636	0,057	0,292
CHR3	11770931	CHR3:11770931	SSF x Near_LoA	-9,883	-0,103	0,284

CHR3	11770964	CHR3:11770964	SSF x Near_LoA	-8,451	0,024	0,298
CHR3	11783281	CHR3:11783281	SSF x Near_LoA	-9,254	0,101	0,297
CHR3	11783416	CHR3:11783416	SSF x Near_LoA	-7,760	0,062	0,283
CHR3	11783610	CHR3:11783610	SSF x Near_LoA	-8,550	-0,067	0,284
CHR3	11798802	CHR3:11798802	SSF x Near_LoA	-8,816	-0,023	0,304
CHR3	11798818	CHR3:11798818	SSF x Near_LoA	-7,389	-0,045	0,292
CHR3	11798944	CHR3:11798944	SSF x Near_LoA	-9,885	-0,077	0,288
CHR3	11798965	CHR3:11798965	SSF x Near_LoA	-9,297	-0,072	0,288
CHR3	11798970	CHR3:11798970	SSF x Near_LoA	-10,538	-0,038	0,291
CHR3	11799084	CHR3:11799084	SSF x Near_LoA	-7,564	0,061	0,293
CHR3	11799094	CHR3:11799094	SSF x Near_LoA	-5,517	0,032	0,299
CHR3	11799144	CHR3:11799144	SSF x Near_LoA	-9,507	0,118	0,286
CHR3	11802169	CHR3:11802169	SSF x Near_LoA	-7,712	-0,044	0,295
CHR3	11802183	CHR3:11802183	SSF x Near_LoA	-9,747	0,016	0,275
CHR3	11802194	CHR3:11802194	SSF x Near_LoA	-7,603	-0,016	0,278
CHR3	11802218	CHR3:11802218	SSF x Near_LoA	-9,742	-0,020	0,289
CHR3	11802286	CHR3:11802286	SSF x Near_LoA	-5,902	-0,106	0,288
CHR3	11802386	CHR3:11802386	SSF x Near_LoA	-9,134	-0,019	0,290
CHR3	11809746	CHR3:11809746	SSF x Near_LoA	-8,520	0,057	0,279
CHR3	11809757	CHR3:11809757	SSF x Near_LoA	-7,280	0,127	0,284
CHR3	11809880	CHR3:11809880	SSF x Near_LoA	-10,028	-0,032	0,277
CHR3	11811410	CHR3:11811410	SSF x Near_LoA	-8,886	-0,108	0,291
CHR3	11822647	CHR3:11822647	SSF x Near_LoA	-8,525	-0,001	0,277
CHR3	11822673	CHR3:11822673	SSF x Near_LoA	-8,948	0,055	0,288
CHR3	11835602	CHR3:11835602	SSF x Near_LoA	-6,108	0,158	0,278
CHR3	11835878	CHR3:11835878	SSF x Near_LoA	-7,642	-0,047	0,279
CHR3	11835885	CHR3:11835885	SSF x Near_LoA	-6,775	0,004	0,290
CHR3	11835907	CHR3:11835907	SSF x Near_LoA	-6,710	-0,096	0,292
CHR3	11835943	CHR3:11835943	SSF x Near_LoA	-0,490	0,134	0,286
CHR3	11854856	CHR3:11854856	SSF x Near_LoA	-9,372	0,008	0,277
CHR3	11872226	CHR3:11872226	SSF x Near_LoA	-5,409	-0,181	0,284
CHR3	11872251	CHR3:11872251	SSF x Near_LoA	-7,469	-0,052	0,289
CHR3	11872311	CHR3:11872311	SSF x Near_LoA	-7,310	0,108	0,291
CHR3	11872345	CHR3:11872345	SSF x Near_LoA	-7,594	-0,042	0,294
CHR3	11881562	CHR3:11881562	SSF x Near_LoA	-6,973	0,007	0,283
CHR3	11881593	CHR3:11881593	SSF x Near_LoA	-7,460	0,038	0,284
CHR3	11881715	CHR3:11881715	SSF x Near_LoA	-5,882	-0,135	0,285
CHR3	1188447	CHR3:1188447	SSF x Near_LoA	-9,913	-0,016	0,290
CHR3	11889582	CHR3:11889582	SSF x Near_LoA	-8,132	0,094	0,272
CHR3	11889593	CHR3:11889593	SSF x Near_LoA	-8,551	-0,053	0,284
CHR3	11889723	CHR3:11889723	SSF x Near_LoA	-8,801	-0,038	0,288
CHR3	11905890	CHR3:11905890	SSF x Near_LoA	-2,392	0,133	0,282
CHR3	11905966	CHR3:11905966	SSF x Near_LoA	-7,865	0,004	0,299
CHR3	11906009	CHR3:11906009	SSF x Near_LoA	-7,831	0,040	0,280
CHR3	11906018	CHR3:11906018	SSF x Near_LoA	-9,261	-0,054	0,280
CHR3	11923605	CHR3:11923605	SSF x Near_LoA	-8,341	-0,128	0,291
CHR3	11923733	CHR3:11923733	SSF x Near_LoA	-8,176	0,102	0,271
CHR3	11923774	CHR3:11923774	SSF x Near_LoA	-8,566	0,130	0,300
CHR3	11923783	CHR3:11923783	SSF x Near_LoA	-7,230	-0,065	0,283
CHR3	11923814	CHR3:11923814	SSF x Near_LoA	-7,775	0,025	0,289
CHR3	11927870	CHR3:11927870	SSF x Near_LoA	-6,550	-0,178	0,276
CHR3	11928340	CHR3:11928340	SSF x Near_LoA	-6,456	-0,059	0,280
CHR3	11928389	CHR3:11928389	SSF x Near_LoA	-1,802	-0,127	0,279

CHR3	1195618	CHR3:1195618	SSF x Near_LoA	-10,925	0,058	0,283
CHR3	1195621	CHR3:1195621	SSF x Near_LoA	-6,999	0,040	0,300
CHR3	1195622	CHR3:1195622	SSF x Near_LoA	-8,083	0,057	0,300
CHR3	11966755	CHR3:11966755	SSF x Near_LoA	-3,943	0,201	0,282
CHR3	11966763	CHR3:11966763	SSF x Near_LoA	-6,512	0,226	0,261
CHR3	11966884	CHR3:11966884	SSF x Near_LoA	-7,308	0,023	0,288
CHR3	11971241	CHR3:11971241	SSF x Near_LoA	-5,664	-0,175	0,284
CHR3	11971262	CHR3:11971262	SSF x Near_LoA	-10,883	-0,045	0,283
CHR3	11973470	CHR3:11973470	SSF x Near_LoA	-7,813	-0,063	0,285
CHR3	11980248	CHR3:11980248	SSF x Near_LoA	-6,888	-0,027	0,299
CHR3	11980294	CHR3:11980294	SSF x Near_LoA	-6,095	-0,142	0,274
CHR3	11984216	CHR3:11984216	SSF x Near_LoA	-10,182	0,016	0,271
CHR3	11984361	CHR3:11984361	SSF x Near_LoA	-8,556	-0,140	0,271
CHR3	11985722	CHR3:11985722	SSF x Near_LoA	-10,860	0,038	0,277
CHR3	11985749	CHR3:11985749	SSF x Near_LoA	-9,162	0,042	0,282
CHR3	11985903	CHR3:11985903	SSF x Near_LoA	-9,377	0,023	0,278
CHR3	11988182	CHR3:11988182	SSF x Near_LoA	-6,117	0,115	0,270
CHR3	11988223	CHR3:11988223	SSF x Near_LoA	-7,622	0,012	0,301
CHR3	11999322	CHR3:11999322	SSF x Near_LoA	-8,217	-0,036	0,299
CHR3	11999357	CHR3:11999357	SSF x Near_LoA	-5,172	-0,050	0,299
CHR3	11999471	CHR3:11999471	SSF x Near_LoA	-9,246	0,005	0,283
CHR3	11999496	CHR3:11999496	SSF x Near_LoA	-9,265	0,118	0,293
CHR3	11999525	CHR3:11999525	SSF x Near_LoA	-8,235	-0,028	0,281
CHR3	11999550	CHR3:11999550	SSF x Near_LoA	-9,888	-0,045	0,281
CHR3	12001997	CHR3:12001997	SSF x Near_LoA	-8,448	-0,040	0,284
CHR3	12002126	CHR3:12002126	SSF x Near_LoA	-6,852	-0,159	0,290
CHR3	12011211	CHR3:12011211	SSF x Near_LoA	-7,523	-0,056	0,292
CHR3	12011216	CHR3:12011216	SSF x Near_LoA	-4,941	0,161	0,288
CHR3	12011299	CHR3:12011299	SSF x Near_LoA	-6,220	0,156	0,282
CHR3	12011438	CHR3:12011438	SSF x Near_LoA	-7,968	0,017	0,279
CHR3	12011439	CHR3:12011439	SSF x Near_LoA	-5,701	-0,124	0,301
CHR3	12011550	CHR3:12011550	SSF x Near_LoA	-10,767	0,008	0,285
CHR3	12019233	CHR3:12019233	SSF x Near_LoA	-10,379	-0,042	0,286
CHR3	12026548	CHR3:12026548	SSF x Near_LoA	-8,037	0,122	0,295
CHR3	12030398	CHR3:12030398	SSF x Near_LoA	-9,296	-0,022	0,294
CHR3	12033935	CHR3:12033935	SSF x Near_LoA	-7,373	-0,060	0,291
CHR3	12033993	CHR3:12033993	SSF x Near_LoA	-7,238	0,058	0,283
CHR3	12034002	CHR3:12034002	SSF x Near_LoA	-7,454	-0,042	0,299
CHR3	12034013	CHR3:12034013	SSF x Near_LoA	-8,893	-0,122	0,283
CHR3	12034038	CHR3:12034038	SSF x Near_LoA	-9,472	0,046	0,281
CHR3	12034073	CHR3:12034073	SSF x Near_LoA	-1,889	0,143	0,305
CHR3	12034145	CHR3:12034145	SSF x Near_LoA	-9,669	-0,095	0,286
CHR3	12049298	CHR3:12049298	SSF x Near_LoA	-8,384	0,059	0,267
CHR3	12049618	CHR3:12049618	SSF x Near_LoA	-6,755	0,096	0,276
CHR3	12065416	CHR3:12065416	SSF x Near_LoA	-10,387	0,048	0,287
CHR3	12065480	CHR3:12065480	SSF x Near_LoA	-9,683	-0,052	0,298
CHR3	12065602	CHR3:12065602	SSF x Near_LoA	-4,657	-0,228	0,258
CHR3	12065612	CHR3:12065612	SSF x Near_LoA	-10,924	0,006	0,276
CHR3	12065626	CHR3:12065626	SSF x Near_LoA	-10,653	0,019	0,286
CHR3	12065757	CHR3:12065757	SSF x Near_LoA	-9,678	-0,031	0,291
CHR3	12087019	CHR3:12087019	SSF x Near_LoA	-10,272	0,057	0,284
CHR3	12087135	CHR3:12087135	SSF x Near_LoA	-8,805	-0,070	0,297
CHR3	12097647	CHR3:12097647	SSF x Near_LoA	-7,379	-0,070	0,287

CHR3	12100527	CHR3:12100527	SSF x Near_LoA	-9,568	-0,096	0,306
CHR3	12100536	CHR3:12100536	SSF x Near_LoA	-8,602	0,004	0,300
CHR3	12109110	CHR3:12109110	SSF x Near_LoA	-7,622	-0,089	0,297
CHR3	12109153	CHR3:12109153	SSF x Near_LoA	-7,246	-0,101	0,279
CHR3	12109171	CHR3:12109171	SSF x Near_LoA	-7,462	-0,089	0,297
CHR3	12109294	CHR3:12109294	SSF x Near_LoA	-9,576	0,057	0,280
CHR3	12109315	CHR3:12109315	SSF x Near_LoA	-7,917	0,133	0,283
CHR3	12109333	CHR3:12109333	SSF x Near_LoA	-8,078	-0,019	0,293
CHR3	12125354	CHR3:12125354	SSF x Near_LoA	-11,092	0,004	0,286
CHR3	12136854	CHR3:12136854	SSF x Near_LoA	-8,477	-0,016	0,276
CHR3	12136884	CHR3:12136884	SSF x Near_LoA	-7,504	-0,075	0,276
CHR3	12138670	CHR3:12138670	SSF x Near_LoA	-6,135	-0,117	0,273
CHR3	12138740	CHR3:12138740	SSF x Near_LoA	-7,672	-0,028	0,290
CHR3	12138749	CHR3:12138749	SSF x Near_LoA	-6,132	0,117	0,274
CHR3	12138805	CHR3:12138805	SSF x Near_LoA	-6,689	-0,065	0,286
CHR3	12147958	CHR3:12147958	SSF x Near_LoA	-7,509	0,063	0,295
CHR3	12147979	CHR3:12147979	SSF x Near_LoA	-8,224	-0,096	0,281
CHR3	12147998	CHR3:12147998	SSF x Near_LoA	-8,450	-0,102	0,291
CHR3	12148081	CHR3:12148081	SSF x Near_LoA	-8,462	-0,010	0,294
CHR3	12148100	CHR3:12148100	SSF x Near_LoA	-6,985	-0,034	0,303
CHR3	12148106	CHR3:12148106	SSF x Near_LoA	-5,800	-0,086	0,293
CHR3	12172106	CHR3:12172106	SSF x Near_LoA	-7,906	0,064	0,289
CHR3	12172271	CHR3:12172271	SSF x Near_LoA	-6,611	0,005	0,290
CHR3	12172342	CHR3:12172342	SSF x Near_LoA	-8,882	-0,058	0,305
CHR3	12194142	CHR3:12194142	SSF x Near_LoA	-9,472	0,042	0,294
CHR3	12194157	CHR3:12194157	SSF x Near_LoA	-7,158	0,044	0,290
CHR3	12194280	CHR3:12194280	SSF x Near_LoA	-8,036	0,046	0,295
CHR3	12194297	CHR3:12194297	SSF x Near_LoA	-7,700	0,111	0,292
CHR3	12197650	CHR3:12197650	SSF x Near_LoA	-6,960	0,107	0,297
CHR3	12197695	CHR3:12197695	SSF x Near_LoA	-7,788	-0,126	0,284
CHR3	12197978	CHR3:12197978	SSF x Near_LoA	-6,976	0,080	0,289
CHR3	12214641	CHR3:12214641	SSF x Near_LoA	-7,696	0,018	0,297
CHR3	12220930	CHR3:12220930	SSF x Near_LoA	-7,929	0,013	0,296
CHR3	12221049	CHR3:12221049	SSF x Near_LoA	-8,280	0,037	0,285
CHR3	12221109	CHR3:12221109	SSF x Near_LoA	-7,846	-0,025	0,280
CHR3	12221121	CHR3:12221121	SSF x Near_LoA	-6,799	-0,039	0,283
CHR3	12232655	CHR3:12232655	SSF x Near_LoA	-7,515	0,132	0,284
CHR3	12232669	CHR3:12232669	SSF x Near_LoA	-7,669	0,047	0,291
CHR3	12232731	CHR3:12232731	SSF x Near_LoA	-8,541	0,120	0,287
CHR3	12232760	CHR3:12232760	SSF x Near_LoA	-9,598	0,057	0,294
CHR3	12232802	CHR3:12232802	SSF x Near_LoA	-9,028	0,114	0,298
CHR3	12232885	CHR3:12232885	SSF x Near_LoA	-7,514	0,093	0,295
CHR3	12257775	CHR3:12257775	SSF x Near_LoA	0,269	0,239	0,273
CHR3	12257817	CHR3:12257817	SSF x Near_LoA	-8,455	-0,121	0,277
CHR3	12265896	CHR3:12265896	SSF x Near_LoA	-7,432	0,137	0,276
CHR3	1227829	CHR3:1227829	SSF x Near_LoA	-8,617	-0,002	0,279
CHR3	1227856	CHR3:1227856	SSF x Near_LoA	-8,247	0,025	0,286
CHR3	1227884	CHR3:1227884	SSF x Near_LoA	-6,700	0,123	0,265
CHR3	1228024	CHR3:1228024	SSF x Near_LoA	-3,038	0,177	0,274
CHR3	1228025	CHR3:1228025	SSF x Near_LoA	11,424	0,092	0,285
CHR3	1228028	CHR3:1228028	SSF x Near_LoA	-0,704	0,099	0,285
CHR3	1228106	CHR3:1228106	SSF x Near_LoA	-6,320	0,107	0,292
CHR3	1228198	CHR3:1228198	SSF x Near_LoA	-8,667	0,051	0,268

CHR3	1229046	CHR3:1229046	SSF x Near_LoA	-7,141	-0,042	0,283
CHR3	1229067	CHR3:1229067	SSF x Near_LoA	-8,348	-0,024	0,270
CHR3	1229174	CHR3:1229174	SSF x Near_LoA	-6,717	-0,079	0,280
CHR3	1229548	CHR3:1229548	SSF x Near_LoA	-5,683	-0,078	0,282
CHR3	12296557	CHR3:12296557	SSF x Near_LoA	-10,665	0,038	0,288
CHR3	12296585	CHR3:12296585	SSF x Near_LoA	-8,928	0,025	0,283
CHR3	12316732	CHR3:12316732	SSF x Near_LoA	-9,075	-0,030	0,284
CHR3	12316927	CHR3:12316927	SSF x Near_LoA	-5,801	0,170	0,286
CHR3	12317026	CHR3:12317026	SSF x Near_LoA	-6,413	-0,076	0,294
CHR3	12317089	CHR3:12317089	SSF x Near_LoA	-7,260	-0,073	0,298
CHR3	12320235	CHR3:12320235	SSF x Near_LoA	-8,439	-0,018	0,288
CHR3	12320265	CHR3:12320265	SSF x Near_LoA	-8,362	0,049	0,285
CHR3	12326108	CHR3:12326108	SSF x Near_LoA	-6,392	-0,040	0,299
CHR3	12326112	CHR3:12326112	SSF x Near_LoA	-10,357	0,020	0,291
CHR3	12326216	CHR3:12326216	SSF x Near_LoA	-8,318	0,080	0,307
CHR3	12336937	CHR3:12336937	SSF x Near_LoA	-7,802	-0,045	0,300
CHR3	12360579	CHR3:12360579	SSF x Near_LoA	-7,457	0,181	0,267
CHR3	12360580	CHR3:12360580	SSF x Near_LoA	-7,080	-0,134	0,278
CHR3	12360636	CHR3:12360636	SSF x Near_LoA	-7,128	0,042	0,295
CHR3	12360654	CHR3:12360654	SSF x Near_LoA	-6,479	-0,076	0,287
CHR3	12360766	CHR3:12360766	SSF x Near_LoA	-8,515	0,014	0,296
CHR3	12360773	CHR3:12360773	SSF x Near_LoA	-9,904	-0,033	0,289
CHR3	12401202	CHR3:12401202	SSF x Near_LoA	-8,008	-0,086	0,291
CHR3	12401273	CHR3:12401273	SSF x Near_LoA	-7,448	-0,077	0,284
CHR3	12401383	CHR3:12401383	SSF x Near_LoA	-7,308	0,151	0,274
CHR3	12401385	CHR3:12401385	SSF x Near_LoA	-5,195	0,156	0,285
CHR3	12403958	CHR3:12403958	SSF x Near_LoA	-8,025	0,177	0,282
CHR3	12405007	CHR3:12405007	SSF x Near_LoA	-9,934	0,006	0,290
CHR3	12410935	CHR3:12410935	SSF x Near_LoA	-7,193	-0,007	0,291
CHR3	12410993	CHR3:12410993	SSF x Near_LoA	-5,740	-0,174	0,284
CHR3	12410999	CHR3:12410999	SSF x Near_LoA	-3,064	-0,223	0,271
CHR3	12411059	CHR3:12411059	SSF x Near_LoA	1,455	-0,127	0,283
CHR3	12411060	CHR3:12411060	SSF x Near_LoA	-5,829	0,121	0,290
CHR3	12411065	CHR3:12411065	SSF x Near_LoA	-5,387	0,125	0,308
CHR3	12411099	CHR3:12411099	SSF x Near_LoA	-7,841	0,128	0,288
CHR3	12411172	CHR3:12411172	SSF x Near_LoA	-2,385	-0,121	0,280
CHR3	12420832	CHR3:12420832	SSF x Near_LoA	-8,817	-0,115	0,291
CHR3	12423528	CHR3:12423528	SSF x Near_LoA	-9,595	-0,116	0,281
CHR3	12423588	CHR3:12423588	SSF x Near_LoA	-8,080	-0,005	0,282
CHR3	12423605	CHR3:12423605	SSF x Near_LoA	-7,957	0,065	0,296
CHR3	12423651	CHR3:12423651	SSF x Near_LoA	-10,429	-0,065	0,285
CHR3	12423656	CHR3:12423656	SSF x Near_LoA	-0,211	-0,057	0,302
CHR3	12423728	CHR3:12423728	SSF x Near_LoA	-8,261	-0,039	0,279
CHR3	12423776	CHR3:12423776	SSF x Near_LoA	-4,904	0,120	0,295
CHR3	12465875	CHR3:12465875	SSF x Near_LoA	-6,860	-0,064	0,286
CHR3	12465967	CHR3:12465967	SSF x Near_LoA	-8,564	0,056	0,277
CHR3	12482762	CHR3:12482762	SSF x Near_LoA	-5,688	-0,172	0,287
CHR3	12482782	CHR3:12482782	SSF x Near_LoA	-6,682	0,198	0,277
CHR3	12482794	CHR3:12482794	SSF x Near_LoA	-8,728	0,038	0,275
CHR3	12482831	CHR3:12482831	SSF x Near_LoA	-8,507	0,031	0,284
CHR3	12487731	CHR3:12487731	SSF x Near_LoA	-6,164	0,138	0,280
CHR3	12487836	CHR3:12487836	SSF x Near_LoA	-4,897	-0,202	0,272
CHR3	12487871	CHR3:12487871	SSF x Near_LoA	-8,025	-0,060	0,287

CHR3	12487877	CHR3:12487877	SSF x Near_LoA	-10,351	0,025	0,289
CHR3	12487917	CHR3:12487917	SSF x Near_LoA	-9,425	-0,039	0,283
CHR3	12487954	CHR3:12487954	SSF x Near_LoA	-9,784	-0,037	0,275
CHR3	12487990	CHR3:12487990	SSF x Near_LoA	-8,426	-0,111	0,274
CHR3	12496023	CHR3:12496023	SSF x Near_LoA	-9,999	0,027	0,272
CHR3	12496211	CHR3:12496211	SSF x Near_LoA	-9,464	-0,067	0,291
CHR3	12498045	CHR3:12498045	SSF x Near_LoA	-9,353	-0,043	0,281
CHR3	12501175	CHR3:12501175	SSF x Near_LoA	-5,815	0,108	0,283
CHR3	12502320	CHR3:12502320	SSF x Near_LoA	-7,627	0,083	0,302
CHR3	12502339	CHR3:12502339	SSF x Near_LoA	-9,825	-0,085	0,285
CHR3	12502363	CHR3:12502363	SSF x Near_LoA	-9,626	-0,047	0,302
CHR3	12502509	CHR3:12502509	SSF x Near_LoA	-5,120	0,138	0,298
CHR3	12504275	CHR3:12504275	SSF x Near_LoA	-8,120	0,081	0,281
CHR3	12504418	CHR3:12504418	SSF x Near_LoA	-7,393	0,033	0,289
CHR3	12504489	CHR3:12504489	SSF x Near_LoA	-8,792	-0,007	0,302
CHR3	12505276	CHR3:12505276	SSF x Near_LoA	-8,855	-0,158	0,289
CHR3	12505337	CHR3:12505337	SSF x Near_LoA	-5,955	0,108	0,280
CHR3	12505386	CHR3:12505386	SSF x Near_LoA	-7,735	-0,055	0,288
CHR3	12537013	CHR3:12537013	SSF x Near_LoA	-9,043	-0,040	0,280
CHR3	12548038	CHR3:12548038	SSF x Near_LoA	-6,578	-0,202	0,283
CHR3	12548146	CHR3:12548146	SSF x Near_LoA	-9,737	0,013	0,289
CHR3	12548189	CHR3:12548189	SSF x Near_LoA	-6,792	-0,138	0,278
CHR3	12548221	CHR3:12548221	SSF x Near_LoA	-8,353	0,012	0,285
CHR3	12548339	CHR3:12548339	SSF x Near_LoA	-9,722	0,021	0,276
CHR3	1255594	CHR3:1255594	SSF x Near_LoA	-10,769	-0,006	0,276
CHR3	1255675	CHR3:1255675	SSF x Near_LoA	-8,471	0,025	0,277
CHR3	1258466	CHR3:1258466	SSF x Near_LoA	21,336	-0,244	0,272
CHR3	12595284	CHR3:12595284	SSF x Near_LoA	-8,407	-0,148	0,292
CHR3	12595320	CHR3:12595320	SSF x Near_LoA	-8,983	0,072	0,290
CHR3	12595340	CHR3:12595340	SSF x Near_LoA	-5,532	-0,198	0,281
CHR3	12595892	CHR3:12595892	SSF x Near_LoA	-8,345	-0,063	0,290
CHR3	12595958	CHR3:12595958	SSF x Near_LoA	-7,172	0,118	0,268
CHR3	12604891	CHR3:12604891	SSF x Near_LoA	-6,477	-0,084	0,285
CHR3	12604905	CHR3:12604905	SSF x Near_LoA	-9,181	0,072	0,285
CHR3	12604940	CHR3:12604940	SSF x Near_LoA	-7,190	0,096	0,288
CHR3	12604976	CHR3:12604976	SSF x Near_LoA	-4,784	0,131	0,283
CHR3	12604995	CHR3:12604995	SSF x Near_LoA	-6,175	0,114	0,284
CHR3	12605011	CHR3:12605011	SSF x Near_LoA	-7,374	0,119	0,280
CHR3	12605105	CHR3:12605105	SSF x Near_LoA	-6,953	-0,157	0,284
CHR3	12631028	CHR3:12631028	SSF x Near_LoA	-2,424	0,153	0,271
CHR3	12633682	CHR3:12633682	SSF x Near_LoA	-8,015	-0,044	0,267
CHR3	12633685	CHR3:12633685	SSF x Near_LoA	-7,372	-0,138	0,264
CHR3	12633693	CHR3:12633693	SSF x Near_LoA	-5,681	-0,125	0,274
CHR3	12633719	CHR3:12633719	SSF x Near_LoA	-8,506	-0,085	0,271
CHR3	12634961	CHR3:12634961	SSF x Near_LoA	-6,451	0,110	0,282
CHR3	12635027	CHR3:12635027	SSF x Near_LoA	-8,855	-0,107	0,284
CHR3	1266603	CHR3:1266603	SSF x Near_LoA	-8,791	0,080	0,264
CHR3	1266850	CHR3:1266850	SSF x Near_LoA	-6,518	0,047	0,288
CHR3	1266897	CHR3:1266897	SSF x Near_LoA	-6,393	-0,025	0,289
CHR3	12669163	CHR3:12669163	SSF x Near_LoA	-6,980	-0,134	0,286
CHR3	12669172	CHR3:12669172	SSF x Near_LoA	-3,594	-0,173	0,285
CHR3	12673889	CHR3:12673889	SSF x Near_LoA	-8,186	0,124	0,279
CHR3	12682078	CHR3:12682078	SSF x Near_LoA	-7,707	-0,090	0,294

CHR3	12682087	CHR3:12682087	SSF x Near_LoA	-7,628	-0,076	0,292
CHR3	12682125	CHR3:12682125	SSF x Near_LoA	-6,945	-0,042	0,292
CHR3	12696955	CHR3:12696955	SSF x Near_LoA	-8,987	-0,065	0,290
CHR3	12699360	CHR3:12699360	SSF x Near_LoA	-9,201	0,022	0,303
CHR3	12699397	CHR3:12699397	SSF x Near_LoA	-6,788	-0,119	0,279
CHR3	12699470	CHR3:12699470	SSF x Near_LoA	0,472	-0,144	0,279
CHR3	12732099	CHR3:12732099	SSF x Near_LoA	-6,963	-0,036	0,295
CHR3	12735552	CHR3:12735552	SSF x Near_LoA	-9,391	-0,082	0,287
CHR3	12735867	CHR3:12735867	SSF x Near_LoA	-7,292	0,096	0,277
CHR3	12739837	CHR3:12739837	SSF x Near_LoA	-7,320	0,001	0,287
CHR3	12742450	CHR3:12742450	SSF x Near_LoA	-4,445	-0,180	0,291
CHR3	12767505	CHR3:12767505	SSF x Near_LoA	-9,838	0,049	0,278
CHR3	12767600	CHR3:12767600	SSF x Near_LoA	-8,808	0,022	0,290
CHR3	12767689	CHR3:12767689	SSF x Near_LoA	-9,453	0,122	0,273
CHR3	12767697	CHR3:12767697	SSF x Near_LoA	-7,051	-0,053	0,283
CHR3	12767737	CHR3:12767737	SSF x Near_LoA	-6,930	-0,057	0,302
CHR3	12780622	CHR3:12780622	SSF x Near_LoA	-5,116	0,145	0,287
CHR3	12780714	CHR3:12780714	SSF x Near_LoA	-6,997	-0,041	0,290
CHR3	12780766	CHR3:12780766	SSF x Near_LoA	-6,986	0,055	0,289
CHR3	12780931	CHR3:12780931	SSF x Near_LoA	-7,276	0,061	0,295
CHR3	12783168	CHR3:12783168	SSF x Near_LoA	-0,292	0,322	0,249
CHR3	12783267	CHR3:12783267	SSF x Near_LoA	-4,150	-0,045	0,299
CHR3	12783311	CHR3:12783311	SSF x Near_LoA	-1,305	0,280	0,262
CHR3	12783339	CHR3:12783339	SSF x Near_LoA	-9,125	0,087	0,291
CHR3	12790279	CHR3:12790279	SSF x Near_LoA	-8,334	-0,030	0,287
CHR3	12790282	CHR3:12790282	SSF x Near_LoA	-8,611	0,006	0,272
CHR3	12790315	CHR3:12790315	SSF x Near_LoA	-8,580	0,032	0,278
CHR3	12790354	CHR3:12790354	SSF x Near_LoA	-7,908	-0,101	0,274
CHR3	12790392	CHR3:12790392	SSF x Near_LoA	-5,276	0,093	0,282
CHR3	12790438	CHR3:12790438	SSF x Near_LoA	-9,016	-0,116	0,295
CHR3	12794087	CHR3:12794087	SSF x Near_LoA	-7,980	-0,077	0,309
CHR3	12794142	CHR3:12794142	SSF x Near_LoA	-6,575	0,105	0,299
CHR3	12794236	CHR3:12794236	SSF x Near_LoA	-8,176	0,032	0,295
CHR3	12800889	CHR3:12800889	SSF x Near_LoA	-5,416	0,197	0,274
CHR3	1281179	CHR3:1281179	SSF x Near_LoA	-8,968	0,079	0,296
CHR3	1281300	CHR3:1281300	SSF x Near_LoA	-10,113	-0,110	0,285
CHR3	12818606	CHR3:12818606	SSF x Near_LoA	-10,124	-0,028	0,299
CHR3	12818619	CHR3:12818619	SSF x Near_LoA	-8,755	0,011	0,290
CHR3	12818644	CHR3:12818644	SSF x Near_LoA	-10,134	-0,017	0,299
CHR3	12818659	CHR3:12818659	SSF x Near_LoA	-6,800	0,099	0,277
CHR3	12818678	CHR3:12818678	SSF x Near_LoA	-6,607	0,170	0,277
CHR3	12819129	CHR3:12819129	SSF x Near_LoA	-8,512	0,033	0,265
CHR3	12819203	CHR3:12819203	SSF x Near_LoA	-8,526	0,031	0,278
CHR3	12826619	CHR3:12826619	SSF x Near_LoA	-9,079	0,099	0,288
CHR3	12826630	CHR3:12826630	SSF x Near_LoA	-8,550	0,076	0,293
CHR3	12826706	CHR3:12826706	SSF x Near_LoA	-9,772	0,074	0,293
CHR3	12826754	CHR3:12826754	SSF x Near_LoA	-9,811	0,022	0,281
CHR3	12826759	CHR3:12826759	SSF x Near_LoA	-7,846	-0,031	0,292
CHR3	12826804	CHR3:12826804	SSF x Near_LoA	-8,641	0,100	0,285
CHR3	12826810	CHR3:12826810	SSF x Near_LoA	-6,727	-0,099	0,293
CHR3	12828571	CHR3:12828571	SSF x Near_LoA	-5,932	-0,119	0,271
CHR3	12828577	CHR3:12828577	SSF x Near_LoA	-3,967	0,157	0,287
CHR3	12828603	CHR3:12828603	SSF x Near_LoA	-7,104	0,130	0,286

CHR3	12833101	CHR3:12833101	SSF x Near_LoA	-6,377	-0,079	0,279
CHR3	12833107	CHR3:12833107	SSF x Near_LoA	-6,601	-0,055	0,299
CHR3	12833118	CHR3:12833118	SSF x Near_LoA	-7,561	0,039	0,288
CHR3	12833138	CHR3:12833138	SSF x Near_LoA	-7,809	0,111	0,279
CHR3	12833155	CHR3:12833155	SSF x Near_LoA	-6,592	-0,070	0,291
CHR3	1283438	CHR3:1283438	SSF x Near_LoA	-7,927	0,103	0,282
CHR3	1283595	CHR3:1283595	SSF x Near_LoA	-9,358	0,030	0,292
CHR3	12836157	CHR3:12836157	SSF x Near_LoA	-9,076	-0,036	0,285
CHR3	12836308	CHR3:12836308	SSF x Near_LoA	-9,883	0,059	0,288
CHR3	12836316	CHR3:12836316	SSF x Near_LoA	-6,545	0,129	0,287
CHR3	12836390	CHR3:12836390	SSF x Near_LoA	-7,482	-0,183	0,284
CHR3	12836463	CHR3:12836463	SSF x Near_LoA	-11,026	-0,031	0,273
CHR3	12836507	CHR3:12836507	SSF x Near_LoA	-5,465	0,099	0,296
CHR3	12844055	CHR3:12844055	SSF x Near_LoA	-10,824	0,060	0,273
CHR3	12844070	CHR3:12844070	SSF x Near_LoA	-8,701	-0,015	0,293
CHR3	12844158	CHR3:12844158	SSF x Near_LoA	-6,030	-0,156	0,285
CHR3	12848069	CHR3:12848069	SSF x Near_LoA	1,566	-0,010	0,284
CHR3	12848072	CHR3:12848072	SSF x Near_LoA	-7,797	-0,039	0,293
CHR3	12848074	CHR3:12848074	SSF x Near_LoA	-9,988	-0,036	0,288
CHR3	12848089	CHR3:12848089	SSF x Near_LoA	-8,287	-0,043	0,275
CHR3	12848151	CHR3:12848151	SSF x Near_LoA	-4,663	-0,051	0,294
CHR3	12848152	CHR3:12848152	SSF x Near_LoA	-6,506	-0,080	0,277
CHR3	12848160	CHR3:12848160	SSF x Near_LoA	-5,679	0,122	0,281
CHR3	12848173	CHR3:12848173	SSF x Near_LoA	-7,125	-0,126	0,282
CHR3	12848234	CHR3:12848234	SSF x Near_LoA	-7,149	-0,043	0,276
CHR3	12848249	CHR3:12848249	SSF x Near_LoA	-10,306	-0,046	0,278
CHR3	12848291	CHR3:12848291	SSF x Near_LoA	-8,282	0,000	0,294
CHR3	12848307	CHR3:12848307	SSF x Near_LoA	-9,494	-0,036	0,291
CHR3	12848345	CHR3:12848345	SSF x Near_LoA	-8,766	-0,103	0,296
CHR3	12848347	CHR3:12848347	SSF x Near_LoA	-9,299	-0,098	0,289
CHR3	12848421	CHR3:12848421	SSF x Near_LoA	-5,725	-0,170	0,287
CHR3	12859516	CHR3:12859516	SSF x Near_LoA	-5,046	0,136	0,278
CHR3	12859538	CHR3:12859538	SSF x Near_LoA	-8,347	-0,040	0,287
CHR3	12885239	CHR3:12885239	SSF x Near_LoA	-8,747	0,084	0,278
CHR3	12885287	CHR3:12885287	SSF x Near_LoA	-7,416	-0,023	0,286
CHR3	12885344	CHR3:12885344	SSF x Near_LoA	-6,687	-0,155	0,286
CHR3	12885370	CHR3:12885370	SSF x Near_LoA	-10,446	-0,005	0,282
CHR3	12885415	CHR3:12885415	SSF x Near_LoA	-7,277	0,106	0,282
CHR3	12948661	CHR3:12948661	SSF x Near_LoA	-8,282	-0,012	0,276
CHR3	12955036	CHR3:12955036	SSF x Near_LoA	-9,339	-0,013	0,292
CHR3	12961422	CHR3:12961422	SSF x Near_LoA	-7,312	0,121	0,269
CHR3	12961433	CHR3:12961433	SSF x Near_LoA	-5,533	0,042	0,299
CHR3	12961443	CHR3:12961443	SSF x Near_LoA	-9,685	-0,101	0,283
CHR3	12961510	CHR3:12961510	SSF x Near_LoA	-8,907	-0,036	0,288
CHR3	12961575	CHR3:12961575	SSF x Near_LoA	-8,229	0,021	0,287
CHR3	13001466	CHR3:13001466	SSF x Near_LoA	-8,964	0,056	0,284
CHR3	13001486	CHR3:13001486	SSF x Near_LoA	-9,030	-0,039	0,307
CHR3	13001495	CHR3:13001495	SSF x Near_LoA	-6,497	-0,012	0,299
CHR3	13001501	CHR3:13001501	SSF x Near_LoA	-7,287	0,004	0,297
CHR3	13001509	CHR3:13001509	SSF x Near_LoA	-10,742	-0,005	0,284
CHR3	13001511	CHR3:13001511	SSF x Near_LoA	-8,614	0,012	0,296
CHR3	13001512	CHR3:13001512	SSF x Near_LoA	-8,130	0,036	0,296
CHR3	13001582	CHR3:13001582	SSF x Near_LoA	-9,555	-0,037	0,285

CHR3	13001589	CHR3:13001589	SSF x Near_LoA	-7,710	0,002	0,277
CHR3	13001593	CHR3:13001593	SSF x Near_LoA	-9,482	-0,045	0,282
CHR3	13001624	CHR3:13001624	SSF x Near_LoA	-6,870	0,060	0,293
CHR3	13021912	CHR3:13021912	SSF x Near_LoA	-7,621	0,149	0,276
CHR3	13022122	CHR3:13022122	SSF x Near_LoA	-8,046	-0,059	0,293
CHR3	13040976	CHR3:13040976	SSF x Near_LoA	-8,696	-0,089	0,287
CHR3	13040990	CHR3:13040990	SSF x Near_LoA	-5,396	0,047	0,287
CHR3	13041006	CHR3:13041006	SSF x Near_LoA	-7,316	0,061	0,295
CHR3	13041015	CHR3:13041015	SSF x Near_LoA	-8,462	-0,128	0,294
CHR3	13041099	CHR3:13041099	SSF x Near_LoA	-9,196	0,110	0,282
CHR3	13048404	CHR3:13048404	SSF x Near_LoA	-5,627	0,129	0,300
CHR3	13048475	CHR3:13048475	SSF x Near_LoA	-8,573	0,120	0,274
CHR3	13048482	CHR3:13048482	SSF x Near_LoA	7,919	0,094	0,280
CHR3	13048547	CHR3:13048547	SSF x Near_LoA	-6,449	-0,070	0,294
CHR3	13048575	CHR3:13048575	SSF x Near_LoA	-9,718	-0,010	0,274
CHR3	13056146	CHR3:13056146	SSF x Near_LoA	-6,294	-0,110	0,271
CHR3	13056165	CHR3:13056165	SSF x Near_LoA	-6,527	-0,082	0,278
CHR3	13062178	CHR3:13062178	SSF x Near_LoA	-7,781	0,074	0,281
CHR3	13071806	CHR3:13071806	SSF x Near_LoA	-6,632	-0,084	0,287
CHR3	13071888	CHR3:13071888	SSF x Near_LoA	-2,616	0,232	0,265
CHR3	13086431	CHR3:13086431	SSF x Near_LoA	-8,842	-0,002	0,288
CHR3	13086477	CHR3:13086477	SSF x Near_LoA	-4,284	0,007	0,294
CHR3	13087473	CHR3:13087473	SSF x Near_LoA	-6,736	0,052	0,282
CHR3	13087615	CHR3:13087615	SSF x Near_LoA	-6,312	-0,143	0,275
CHR3	13087815	CHR3:13087815	SSF x Near_LoA	-0,981	0,027	0,286
CHR3	13098289	CHR3:13098289	SSF x Near_LoA	-9,447	-0,129	0,288
CHR3	13101430	CHR3:13101430	SSF x Near_LoA	-9,464	-0,097	0,286
CHR3	13101445	CHR3:13101445	SSF x Near_LoA	-8,141	-0,003	0,290
CHR3	13101776	CHR3:13101776	SSF x Near_LoA	-8,902	0,127	0,287
CHR3	13101804	CHR3:13101804	SSF x Near_LoA	-7,524	0,086	0,284
CHR3	13109027	CHR3:13109027	SSF x Near_LoA	-5,744	-0,082	0,290
CHR3	13134115	CHR3:13134115	SSF x Near_LoA	-8,691	0,001	0,277
CHR3	13134161	CHR3:13134161	SSF x Near_LoA	-9,800	0,060	0,282
CHR3	13137053	CHR3:13137053	SSF x Near_LoA	-8,526	0,003	0,302
CHR3	13137136	CHR3:13137136	SSF x Near_LoA	-6,342	0,161	0,287
CHR3	13173111	CHR3:13173111	SSF x Near_LoA	-8,904	0,044	0,284
CHR3	13173197	CHR3:13173197	SSF x Near_LoA	-8,314	0,017	0,305
CHR3	13173396	CHR3:13173396	SSF x Near_LoA	-8,666	-0,019	0,295
CHR3	13173401	CHR3:13173401	SSF x Near_LoA	-6,755	-0,093	0,281
CHR3	13173408	CHR3:13173408	SSF x Near_LoA	-7,672	0,085	0,292
CHR3	13175445	CHR3:13175445	SSF x Near_LoA	-9,336	0,124	0,287
CHR3	13175464	CHR3:13175464	SSF x Near_LoA	-9,551	0,012	0,280
CHR3	13175545	CHR3:13175545	SSF x Near_LoA	-9,193	0,038	0,294
CHR3	13175558	CHR3:13175558	SSF x Near_LoA	-9,666	0,049	0,279
CHR3	13187961	CHR3:13187961	SSF x Near_LoA	-9,737	-0,043	0,271
CHR3	13188066	CHR3:13188066	SSF x Near_LoA	-9,515	0,059	0,289
CHR3	13188108	CHR3:13188108	SSF x Near_LoA	-2,223	-0,193	0,277
CHR3	1321106	CHR3:1321106	SSF x Near_LoA	-8,331	-0,120	0,273
CHR3	1321142	CHR3:1321142	SSF x Near_LoA	-9,470	0,024	0,289
CHR3	13232057	CHR3:13232057	SSF x Near_LoA	-10,132	0,057	0,292
CHR3	13258690	CHR3:13258690	SSF x Near_LoA	-8,276	-0,052	0,301
CHR3	13268947	CHR3:13268947	SSF x Near_LoA	-9,517	0,035	0,293
CHR3	13269020	CHR3:13269020	SSF x Near_LoA	-9,794	-0,015	0,287

CHR3	13274942	CHR3:13274942	SSF x Near_LoA	-9,326	-0,081	0,283
CHR3	13274948	CHR3:13274948	SSF x Near_LoA	-7,093	-0,017	0,294
CHR3	13279773	CHR3:13279773	SSF x Near_LoA	-10,194	-0,031	0,287
CHR3	13279833	CHR3:13279833	SSF x Near_LoA	-6,959	0,072	0,289
CHR3	13280000	CHR3:13280000	SSF x Near_LoA	-6,259	0,109	0,282
CHR3	13280141	CHR3:13280141	SSF x Near_LoA	-7,226	-0,122	0,271
CHR3	13280144	CHR3:13280144	SSF x Near_LoA	-7,758	-0,152	0,277
CHR3	1333342	CHR3:1333342	SSF x Near_LoA	-5,309	0,139	0,264
CHR3	1333344	CHR3:1333344	SSF x Near_LoA	-8,516	-0,008	0,287
CHR3	1333358	CHR3:1333358	SSF x Near_LoA	-9,435	-0,147	0,280
CHR3	1333690	CHR3:1333690	SSF x Near_LoA	-6,061	-0,136	0,256
CHR3	13345570	CHR3:13345570	SSF x Near_LoA	-7,354	0,122	0,295
CHR3	13351513	CHR3:13351513	SSF x Near_LoA	-9,824	0,018	0,297
CHR3	13351519	CHR3:13351519	SSF x Near_LoA	-9,045	0,030	0,292
CHR3	13363084	CHR3:13363084	SSF x Near_LoA	-10,284	-0,039	0,283
CHR3	13371574	CHR3:13371574	SSF x Near_LoA	-7,560	0,209	0,270
CHR3	13371580	CHR3:13371580	SSF x Near_LoA	-7,453	0,047	0,282
CHR3	13377906	CHR3:13377906	SSF x Near_LoA	-10,266	-0,057	0,281
CHR3	13378077	CHR3:13378077	SSF x Near_LoA	-5,200	-0,159	0,275
CHR3	13378082	CHR3:13378082	SSF x Near_LoA	-2,003	-0,154	0,269
CHR3	13378191	CHR3:13378191	SSF x Near_LoA	-9,521	-0,041	0,279
CHR3	13384751	CHR3:13384751	SSF x Near_LoA	-8,107	-0,084	0,270
CHR3	13397490	CHR3:13397490	SSF x Near_LoA	-7,961	0,099	0,299
CHR3	13397501	CHR3:13397501	SSF x Near_LoA	-9,108	-0,066	0,288
CHR3	13397518	CHR3:13397518	SSF x Near_LoA	-6,165	0,142	0,277
CHR3	13397747	CHR3:13397747	SSF x Near_LoA	-9,820	0,070	0,286
CHR3	13397779	CHR3:13397779	SSF x Near_LoA	-9,143	0,124	0,284
CHR3	13408119	CHR3:13408119	SSF x Near_LoA	-3,160	-0,150	0,285
CHR3	13408135	CHR3:13408135	SSF x Near_LoA	-5,798	0,169	0,276
CHR3	13408166	CHR3:13408166	SSF x Near_LoA	-9,439	-0,051	0,287
CHR3	13408187	CHR3:13408187	SSF x Near_LoA	-8,243	-0,051	0,286
CHR3	13408199	CHR3:13408199	SSF x Near_LoA	-5,848	0,046	0,290
CHR3	13408213	CHR3:13408213	SSF x Near_LoA	-8,402	0,060	0,289
CHR3	13410818	CHR3:13410818	SSF x Near_LoA	-4,947	-0,093	0,294
CHR3	13410832	CHR3:13410832	SSF x Near_LoA	-5,820	-0,015	0,281
CHR3	13410954	CHR3:13410954	SSF x Near_LoA	-8,190	-0,030	0,289
CHR3	13410990	CHR3:13410990	SSF x Near_LoA	-7,376	-0,086	0,292
CHR3	13411104	CHR3:13411104	SSF x Near_LoA	-4,766	-0,073	0,308
CHR3	13417802	CHR3:13417802	SSF x Near_LoA	-7,052	0,040	0,286
CHR3	13446613	CHR3:13446613	SSF x Near_LoA	-9,264	0,034	0,299
CHR3	13446673	CHR3:13446673	SSF x Near_LoA	-6,099	-0,170	0,273
CHR3	13447606	CHR3:13447606	SSF x Near_LoA	-7,056	-0,098	0,288
CHR3	13471105	CHR3:13471105	SSF x Near_LoA	-7,270	-0,010	0,289
CHR3	13471111	CHR3:13471111	SSF x Near_LoA	-7,106	-0,075	0,300
CHR3	13471116	CHR3:13471116	SSF x Near_LoA	-6,976	-0,016	0,289
CHR3	13471127	CHR3:13471127	SSF x Near_LoA	-7,680	-0,014	0,297
CHR3	13471155	CHR3:13471155	SSF x Near_LoA	-9,114	-0,053	0,290
CHR3	13471213	CHR3:13471213	SSF x Near_LoA	-8,867	0,115	0,271
CHR3	13471220	CHR3:13471220	SSF x Near_LoA	-7,852	-0,066	0,300
CHR3	13471234	CHR3:13471234	SSF x Near_LoA	-6,475	-0,113	0,273
CHR3	13471240	CHR3:13471240	SSF x Near_LoA	-9,245	-0,036	0,290
CHR3	13471329	CHR3:13471329	SSF x Near_LoA	-9,524	0,044	0,296
CHR3	13476539	CHR3:13476539	SSF x Near_LoA	-9,098	-0,079	0,289

CHR3	13476605	CHR3:13476605	SSF x Near_LoA	-10,333	0,006	0,276
CHR3	13515907	CHR3:13515907	SSF x Near_LoA	-7,155	-0,136	0,279
CHR3	13515909	CHR3:13515909	SSF x Near_LoA	-10,631	-0,054	0,275
CHR3	13515980	CHR3:13515980	SSF x Near_LoA	-9,416	-0,061	0,294
CHR3	13515991	CHR3:13515991	SSF x Near_LoA	-9,456	0,128	0,279
CHR3	13530704	CHR3:13530704	SSF x Near_LoA	-6,646	0,135	0,282
CHR3	1354389	CHR3:1354389	SSF x Near_LoA	9,461	-0,287	0,263
CHR3	13544501	CHR3:13544501	SSF x Near_LoA	-7,476	-0,084	0,297
CHR3	13544506	CHR3:13544506	SSF x Near_LoA	-8,967	-0,066	0,290
CHR3	13544546	CHR3:13544546	SSF x Near_LoA	-9,536	0,036	0,288
CHR3	13544561	CHR3:13544561	SSF x Near_LoA	-7,360	-0,032	0,288
CHR3	13544568	CHR3:13544568	SSF x Near_LoA	-9,122	0,046	0,293
CHR3	13544574	CHR3:13544574	SSF x Near_LoA	-8,914	0,021	0,294
CHR3	13544580	CHR3:13544580	SSF x Near_LoA	-8,471	0,029	0,292
CHR3	13544581	CHR3:13544581	SSF x Near_LoA	-8,771	0,037	0,285
CHR3	13544582	CHR3:13544582	SSF x Near_LoA	-9,326	0,040	0,295
CHR3	13544584	CHR3:13544584	SSF x Near_LoA	-9,649	0,036	0,284
CHR3	13544878	CHR3:13544878	SSF x Near_LoA	-8,844	-0,048	0,291
CHR3	13544879	CHR3:13544879	SSF x Near_LoA	-7,789	-0,076	0,289
CHR3	13544898	CHR3:13544898	SSF x Near_LoA	-9,023	-0,038	0,291
CHR3	13544901	CHR3:13544901	SSF x Near_LoA	-7,796	-0,064	0,278
CHR3	13544903	CHR3:13544903	SSF x Near_LoA	-8,281	-0,073	0,285
CHR3	1354514	CHR3:1354514	SSF x Near_LoA	-10,449	-0,002	0,283
CHR3	1354551	CHR3:1354551	SSF x Near_LoA	-8,925	0,011	0,289
CHR3	13589020	CHR3:13589020	SSF x Near_LoA	-9,830	-0,046	0,280
CHR3	13589035	CHR3:13589035	SSF x Near_LoA	-8,515	-0,035	0,291
CHR3	13608503	CHR3:13608503	SSF x Near_LoA	-8,434	0,059	0,287
CHR3	13613078	CHR3:13613078	SSF x Near_LoA	-2,732	0,057	0,286
CHR3	13656589	CHR3:13656589	SSF x Near_LoA	-9,809	0,000	0,296
CHR3	13656597	CHR3:13656597	SSF x Near_LoA	-6,547	0,102	0,281
CHR3	13656684	CHR3:13656684	SSF x Near_LoA	-8,778	0,030	0,288
CHR3	13656690	CHR3:13656690	SSF x Near_LoA	-8,364	0,062	0,289
CHR3	13656740	CHR3:13656740	SSF x Near_LoA	-8,169	0,103	0,284
CHR3	13656819	CHR3:13656819	SSF x Near_LoA	-6,781	0,096	0,290
CHR3	1367898	CHR3:1367898	SSF x Near_LoA	-9,412	-0,103	0,280
CHR3	1367909	CHR3:1367909	SSF x Near_LoA	-5,797	0,069	0,287
CHR3	1367921	CHR3:1367921	SSF x Near_LoA	-5,764	-0,016	0,284
CHR3	13679271	CHR3:13679271	SSF x Near_LoA	4,972	0,045	0,295
CHR3	1367936	CHR3:1367936	SSF x Near_LoA	-8,653	-0,020	0,296
CHR3	1368008	CHR3:1368008	SSF x Near_LoA	-8,148	-0,040	0,285
CHR3	1368062	CHR3:1368062	SSF x Near_LoA	-8,075	-0,006	0,299
CHR3	1368110	CHR3:1368110	SSF x Near_LoA	-9,638	-0,052	0,280
CHR3	1368208	CHR3:1368208	SSF x Near_LoA	-7,388	0,054	0,293
CHR3	1368233	CHR3:1368233	SSF x Near_LoA	-7,899	0,040	0,286
CHR3	1370148	CHR3:1370148	SSF x Near_LoA	-7,583	0,036	0,295
CHR3	1370220	CHR3:1370220	SSF x Near_LoA	-9,641	0,029	0,285
CHR3	1370251	CHR3:1370251	SSF x Near_LoA	-7,826	0,010	0,283
CHR3	1370365	CHR3:1370365	SSF x Near_LoA	-8,106	-0,036	0,294
CHR3	13706473	CHR3:13706473	SSF x Near_LoA	-6,226	0,130	0,293
CHR3	13707022	CHR3:13707022	SSF x Near_LoA	-7,454	0,123	0,279
CHR3	13707054	CHR3:13707054	SSF x Near_LoA	-7,861	0,020	0,292
CHR3	13707116	CHR3:13707116	SSF x Near_LoA	-4,067	0,216	0,279
CHR3	13712928	CHR3:13712928	SSF x Near_LoA	-9,237	0,086	0,289

CHR3	13714803	CHR3:13714803	SSF x Near_LoA	-7,287	0,042	0,283
CHR3	13714879	CHR3:13714879	SSF x Near_LoA	-7,160	0,094	0,293
CHR3	13717834	CHR3:13717834	SSF x Near_LoA	-9,443	-0,111	0,299
CHR3	13729645	CHR3:13729645	SSF x Near_LoA	-7,392	-0,140	0,281
CHR3	13729648	CHR3:13729648	SSF x Near_LoA	-7,378	-0,098	0,277
CHR3	13729659	CHR3:13729659	SSF x Near_LoA	-7,308	-0,128	0,296
CHR3	13729679	CHR3:13729679	SSF x Near_LoA	-8,551	-0,036	0,296
CHR3	13729765	CHR3:13729765	SSF x Near_LoA	-4,169	0,252	0,253
CHR3	13729854	CHR3:13729854	SSF x Near_LoA	-6,747	0,115	0,283
CHR3	13729865	CHR3:13729865	SSF x Near_LoA	5,098	0,254	0,276
CHR3	13729955	CHR3:13729955	SSF x Near_LoA	-9,294	0,083	0,282
CHR3	1373567	CHR3:1373567	SSF x Near_LoA	-10,038	-0,009	0,291
CHR3	1373751	CHR3:1373751	SSF x Near_LoA	-8,633	-0,102	0,289
CHR3	13751839	CHR3:13751839	SSF x Near_LoA	-8,450	-0,051	0,284
CHR3	13751956	CHR3:13751956	SSF x Near_LoA	-8,776	-0,106	0,286
CHR3	13751981	CHR3:13751981	SSF x Near_LoA	-8,140	-0,109	0,280
CHR3	13752012	CHR3:13752012	SSF x Near_LoA	-7,761	-0,135	0,291
CHR3	13752020	CHR3:13752020	SSF x Near_LoA	-7,048	-0,106	0,282
CHR3	1375358	CHR3:1375358	SSF x Near_LoA	-10,177	0,048	0,274
CHR3	1375387	CHR3:1375387	SSF x Near_LoA	-8,590	-0,026	0,287
CHR3	1376186	CHR3:1376186	SSF x Near_LoA	-8,072	-0,107	0,300
CHR3	1376223	CHR3:1376223	SSF x Near_LoA	-10,217	0,068	0,292
CHR3	1376391	CHR3:1376391	SSF x Near_LoA	-10,850	-0,024	0,281
CHR3	13789910	CHR3:13789910	SSF x Near_LoA	-11,016	0,008	0,269
CHR3	13814367	CHR3:13814367	SSF x Near_LoA	-6,906	0,089	0,287
CHR3	13818284	CHR3:13818284	SSF x Near_LoA	-8,597	-0,081	0,294
CHR3	13818294	CHR3:13818294	SSF x Near_LoA	-9,149	-0,046	0,283
CHR3	13818336	CHR3:13818336	SSF x Near_LoA	-9,514	-0,074	0,284
CHR3	13818350	CHR3:13818350	SSF x Near_LoA	-8,131	0,118	0,288
CHR3	13818351	CHR3:13818351	SSF x Near_LoA	-9,355	-0,042	0,286
CHR3	13818438	CHR3:13818438	SSF x Near_LoA	-9,245	-0,148	0,291
CHR3	13818492	CHR3:13818492	SSF x Near_LoA	-5,755	-0,051	0,301
CHR3	13845688	CHR3:13845688	SSF x Near_LoA	-8,873	0,008	0,293
CHR3	13847485	CHR3:13847485	SSF x Near_LoA	-7,848	-0,082	0,295
CHR3	13847495	CHR3:13847495	SSF x Near_LoA	-8,017	-0,065	0,288
CHR3	13855630	CHR3:13855630	SSF x Near_LoA	-5,075	0,018	0,295
CHR3	13862388	CHR3:13862388	SSF x Near_LoA	-7,732	-0,047	0,289
CHR3	13862413	CHR3:13862413	SSF x Near_LoA	-8,204	-0,091	0,282
CHR3	13862429	CHR3:13862429	SSF x Near_LoA	-8,233	-0,123	0,272
CHR3	13862462	CHR3:13862462	SSF x Near_LoA	-6,995	0,103	0,270
CHR3	13862524	CHR3:13862524	SSF x Near_LoA	-5,449	0,015	0,274
CHR3	13862623	CHR3:13862623	SSF x Near_LoA	-7,697	0,176	0,272
CHR3	13862653	CHR3:13862653	SSF x Near_LoA	-3,941	0,168	0,279
CHR3	13868896	CHR3:13868896	SSF x Near_LoA	-9,947	-0,099	0,283
CHR3	13875364	CHR3:13875364	SSF x Near_LoA	-7,008	-0,105	0,283
CHR3	13875369	CHR3:13875369	SSF x Near_LoA	-7,458	0,061	0,284
CHR3	13875377	CHR3:13875377	SSF x Near_LoA	-7,910	0,035	0,286
CHR3	13875443	CHR3:13875443	SSF x Near_LoA	-7,530	-0,057	0,282
CHR3	13875482	CHR3:13875482	SSF x Near_LoA	-9,166	0,007	0,288
CHR3	13889074	CHR3:13889074	SSF x Near_LoA	-8,854	-0,145	0,281
CHR3	13889151	CHR3:13889151	SSF x Near_LoA	-7,865	0,107	0,270
CHR3	13894842	CHR3:13894842	SSF x Near_LoA	-6,619	0,102	0,284
CHR3	13900154	CHR3:13900154	SSF x Near_LoA	-1,493	0,181	0,281

CHR3	13900165	CHR3:13900165	SSF x Near_LoA	-8,442	-0,006	0,291
CHR3	13911986	CHR3:13911986	SSF x Near_LoA	-9,869	-0,013	0,274
CHR3	13912068	CHR3:13912068	SSF x Near_LoA	-4,321	0,149	0,284
CHR3	13912116	CHR3:13912116	SSF x Near_LoA	-9,494	0,034	0,275
CHR3	13912155	CHR3:13912155	SSF x Near_LoA	-8,479	-0,032	0,297
CHR3	13914471	CHR3:13914471	SSF x Near_LoA	-7,175	-0,034	0,300
CHR3	13943908	CHR3:13943908	SSF x Near_LoA	-6,399	-0,061	0,277
CHR3	1395541	CHR3:1395541	SSF x Near_LoA	-10,084	-0,032	0,284
CHR3	1395565	CHR3:1395565	SSF x Near_LoA	-5,382	-0,191	0,256
CHR3	1395621	CHR3:1395621	SSF x Near_LoA	-9,366	0,047	0,281
CHR3	1395625	CHR3:1395625	SSF x Near_LoA	-5,709	0,127	0,287
CHR3	1395635	CHR3:1395635	SSF x Near_LoA	-9,727	0,072	0,280
CHR3	13957116	CHR3:13957116	SSF x Near_LoA	-8,490	0,045	0,282
CHR3	13958008	CHR3:13958008	SSF x Near_LoA	-7,182	0,098	0,294
CHR3	13964600	CHR3:13964600	SSF x Near_LoA	-8,241	-0,057	0,282
CHR3	13964604	CHR3:13964604	SSF x Near_LoA	-7,836	-0,052	0,285
CHR3	13964629	CHR3:13964629	SSF x Near_LoA	-9,984	-0,069	0,274
CHR3	13964653	CHR3:13964653	SSF x Near_LoA	-7,658	-0,045	0,287
CHR3	13964742	CHR3:13964742	SSF x Near_LoA	-8,716	-0,082	0,285
CHR3	13964809	CHR3:13964809	SSF x Near_LoA	-6,638	0,156	0,268
CHR3	1399127	CHR3:1399127	SSF x Near_LoA	-8,954	0,008	0,287
CHR3	1399143	CHR3:1399143	SSF x Near_LoA	-8,407	-0,145	0,285
CHR3	1399150	CHR3:1399150	SSF x Near_LoA	-9,546	-0,158	0,274
CHR3	1399164	CHR3:1399164	SSF x Near_LoA	-8,996	-0,072	0,263
CHR3	1399207	CHR3:1399207	SSF x Near_LoA	-6,812	-0,228	0,254
CHR3	1399254	CHR3:1399254	SSF x Near_LoA	-7,954	0,017	0,294
CHR3	1399271	CHR3:1399271	SSF x Near_LoA	-4,860	-0,167	0,284
CHR3	1399293	CHR3:1399293	SSF x Near_LoA	-8,649	0,088	0,276
CHR3	14002119	CHR3:14002119	SSF x Near_LoA	-4,652	0,011	0,291
CHR3	14002125	CHR3:14002125	SSF x Near_LoA	-6,749	0,079	0,288
CHR3	14002157	CHR3:14002157	SSF x Near_LoA	-5,142	0,063	0,306
CHR3	1401096	CHR3:1401096	SSF x Near_LoA	-5,587	0,135	0,295
CHR3	14024295	CHR3:14024295	SSF x Near_LoA	-9,408	0,025	0,282
CHR3	14024298	CHR3:14024298	SSF x Near_LoA	-9,227	-0,021	0,289
CHR3	14024311	CHR3:14024311	SSF x Near_LoA	-5,865	-0,035	0,284
CHR3	14024324	CHR3:14024324	SSF x Near_LoA	-8,856	-0,035	0,290
CHR3	14024467	CHR3:14024467	SSF x Near_LoA	-10,457	0,066	0,281
CHR3	14024470	CHR3:14024470	SSF x Near_LoA	-9,755	0,045	0,293
CHR3	14024508	CHR3:14024508	SSF x Near_LoA	-9,111	0,010	0,289
CHR3	14037776	CHR3:14037776	SSF x Near_LoA	-6,521	-0,116	0,291
CHR3	14037827	CHR3:14037827	SSF x Near_LoA	-8,743	0,038	0,273
CHR3	14037885	CHR3:14037885	SSF x Near_LoA	-9,462	-0,033	0,280
CHR3	14044634	CHR3:14044634	SSF x Near_LoA	-9,903	-0,012	0,280
CHR3	14064301	CHR3:14064301	SSF x Near_LoA	-9,685	0,028	0,285
CHR3	14088228	CHR3:14088228	SSF x Near_LoA	-3,618	0,230	0,268
CHR3	14088295	CHR3:14088295	SSF x Near_LoA	-4,249	-0,174	0,278
CHR3	14093657	CHR3:14093657	SSF x Near_LoA	-4,808	0,143	0,290
CHR3	14093747	CHR3:14093747	SSF x Near_LoA	-8,072	-0,047	0,275
CHR3	14093795	CHR3:14093795	SSF x Near_LoA	-7,638	-0,050	0,284
CHR3	14096402	CHR3:14096402	SSF x Near_LoA	-7,322	-0,091	0,290
CHR3	14109653	CHR3:14109653	SSF x Near_LoA	-6,393	0,039	0,283
CHR3	14208261	CHR3:14208261	SSF x Near_LoA	-3,564	-0,178	0,276
CHR3	1421799	CHR3:1421799	SSF x Near_LoA	-8,511	-0,001	0,285

CHR3	14218301	CHR3:14218301	SSF x Near_LoA	-7,751	-0,056	0,281
CHR3	14218338	CHR3:14218338	SSF x Near_LoA	-4,905	-0,156	0,291
CHR3	14218365	CHR3:14218365	SSF x Near_LoA	-6,448	0,204	0,262
CHR3	1421859	CHR3:1421859	SSF x Near_LoA	-6,851	0,100	0,290
CHR3	1421977	CHR3:1421977	SSF x Near_LoA	-7,969	0,096	0,293
CHR3	1421982	CHR3:1421982	SSF x Near_LoA	-9,390	0,078	0,273
CHR3	1422081	CHR3:1422081	SSF x Near_LoA	-8,951	0,053	0,294
CHR3	1422154	CHR3:1422154	SSF x Near_LoA	-5,288	0,201	0,277
CHR3	14267445	CHR3:14267445	SSF x Near_LoA	-11,208	0,004	0,283
CHR3	14267538	CHR3:14267538	SSF x Near_LoA	-8,345	0,121	0,293
CHR3	14279922	CHR3:14279922	SSF x Near_LoA	-6,966	-0,116	0,286
CHR3	14279938	CHR3:14279938	SSF x Near_LoA	-8,401	-0,012	0,288
CHR3	14279986	CHR3:14279986	SSF x Near_LoA	-8,677	-0,042	0,280
CHR3	14297758	CHR3:14297758	SSF x Near_LoA	-6,456	0,217	0,273
CHR3	14297967	CHR3:14297967	SSF x Near_LoA	-10,548	-0,016	0,289
CHR3	14307619	CHR3:14307619	SSF x Near_LoA	-6,780	-0,190	0,286
CHR3	14307680	CHR3:14307680	SSF x Near_LoA	-6,798	0,043	0,298
CHR3	14307788	CHR3:14307788	SSF x Near_LoA	-7,287	-0,091	0,289
CHR3	14307823	CHR3:14307823	SSF x Near_LoA	-7,930	0,135	0,283
CHR3	14325181	CHR3:14325181	SSF x Near_LoA	-7,837	0,063	0,297
CHR3	14325252	CHR3:14325252	SSF x Near_LoA	-10,227	-0,094	0,283
CHR3	14346907	CHR3:14346907	SSF x Near_LoA	-10,146	0,058	0,267
CHR3	1436902	CHR3:1436902	SSF x Near_LoA	-9,147	-0,001	0,288
CHR3	1437125	CHR3:1437125	SSF x Near_LoA	-6,552	-0,119	0,292
CHR3	1437293	CHR3:1437293	SSF x Near_LoA	-9,865	0,013	0,300
CHR3	14381864	CHR3:14381864	SSF x Near_LoA	-4,522	0,206	0,281
CHR3	1440227	CHR3:1440227	SSF x Near_LoA	-7,197	-0,102	0,274
CHR3	1440239	CHR3:1440239	SSF x Near_LoA	-8,942	-0,026	0,274
CHR3	1440254	CHR3:1440254	SSF x Near_LoA	-9,063	-0,018	0,299
CHR3	1440264	CHR3:1440264	SSF x Near_LoA	-9,259	-0,039	0,269
CHR3	1440319	CHR3:1440319	SSF x Near_LoA	-2,467	-0,125	0,295
CHR3	1440334	CHR3:1440334	SSF x Near_LoA	-9,277	0,010	0,281
CHR3	1440340	CHR3:1440340	SSF x Near_LoA	-6,100	-0,039	0,287
CHR3	1440348	CHR3:1440348	SSF x Near_LoA	-8,853	-0,024	0,297
CHR3	1440350	CHR3:1440350	SSF x Near_LoA	-8,148	-0,099	0,266
CHR3	1440355	CHR3:1440355	SSF x Near_LoA	-6,865	0,001	0,296
CHR3	1440375	CHR3:1440375	SSF x Near_LoA	-9,364	0,042	0,296
CHR3	1440404	CHR3:1440404	SSF x Near_LoA	-8,795	0,036	0,295
CHR3	14419273	CHR3:14419273	SSF x Near_LoA	-7,795	0,129	0,292
CHR3	14419368	CHR3:14419368	SSF x Near_LoA	-6,950	0,030	0,280
CHR3	14419371	CHR3:14419371	SSF x Near_LoA	-10,208	0,088	0,291
CHR3	14419374	CHR3:14419374	SSF x Near_LoA	-9,718	0,080	0,270
CHR3	14419424	CHR3:14419424	SSF x Near_LoA	-9,377	-0,043	0,286
CHR3	14419437	CHR3:14419437	SSF x Near_LoA	-10,693	0,014	0,281
CHR3	14419469	CHR3:14419469	SSF x Near_LoA	-7,739	-0,051	0,290
CHR3	14419516	CHR3:14419516	SSF x Near_LoA	-9,842	0,003	0,274
CHR3	14419523	CHR3:14419523	SSF x Near_LoA	-6,941	0,068	0,283
CHR3	14419534	CHR3:14419534	SSF x Near_LoA	-6,129	0,139	0,288
CHR3	14419565	CHR3:14419565	SSF x Near_LoA	-8,133	-0,100	0,285
CHR3	14444897	CHR3:14444897	SSF x Near_LoA	-9,412	0,016	0,292
CHR3	14444974	CHR3:14444974	SSF x Near_LoA	-8,698	-0,029	0,275
CHR3	14458688	CHR3:14458688	SSF x Near_LoA	-7,718	0,152	0,278
CHR3	14458817	CHR3:14458817	SSF x Near_LoA	-6,462	-0,075	0,301

CHR3	14461105	CHR3:14461105	SSF x Near_LoA	-7,048	-0,198	0,263
CHR3	14466103	CHR3:14466103	SSF x Near_LoA	-3,988	-0,133	0,301
CHR3	14470688	CHR3:14470688	SSF x Near_LoA	-9,995	-0,065	0,286
CHR3	14476021	CHR3:14476021	SSF x Near_LoA	-6,820	-0,072	0,286
CHR3	14476171	CHR3:14476171	SSF x Near_LoA	-7,683	-0,008	0,294
CHR3	14480289	CHR3:14480289	SSF x Near_LoA	-5,510	0,086	0,285
CHR3	14509298	CHR3:14509298	SSF x Near_LoA	-9,655	0,047	0,294
CHR3	14509377	CHR3:14509377	SSF x Near_LoA	-7,557	0,180	0,267
CHR3	14519679	CHR3:14519679	SSF x Near_LoA	-10,938	0,003	0,280
CHR3	14528646	CHR3:14528646	SSF x Near_LoA	-10,499	0,008	0,282
CHR3	14537192	CHR3:14537192	SSF x Near_LoA	-7,603	0,074	0,295
CHR3	14537214	CHR3:14537214	SSF x Near_LoA	-8,454	0,089	0,280
CHR3	14537244	CHR3:14537244	SSF x Near_LoA	-9,028	0,000	0,287
CHR3	1455375	CHR3:1455375	SSF x Near_LoA	-6,815	-0,110	0,294
CHR3	1455433	CHR3:1455433	SSF x Near_LoA	-10,646	0,002	0,298
CHR3	1455549	CHR3:1455549	SSF x Near_LoA	-6,983	-0,063	0,277
CHR3	1455614	CHR3:1455614	SSF x Near_LoA	-8,048	0,023	0,274
CHR3	1455679	CHR3:1455679	SSF x Near_LoA	-6,345	0,138	0,279
CHR3	1455681	CHR3:1455681	SSF x Near_LoA	-5,571	-0,194	0,276
CHR3	1455709	CHR3:1455709	SSF x Near_LoA	-2,149	0,170	0,287
CHR3	1455741	CHR3:1455741	SSF x Near_LoA	-6,676	-0,115	0,278
CHR3	14566322	CHR3:14566322	SSF x Near_LoA	-8,094	0,079	0,283
CHR3	14566346	CHR3:14566346	SSF x Near_LoA	-10,855	-0,063	0,271
CHR3	14566366	CHR3:14566366	SSF x Near_LoA	-8,406	-0,165	0,274
CHR3	14670742	CHR3:14670742	SSF x Near_LoA	-6,409	-0,044	0,290
CHR3	14670896	CHR3:14670896	SSF x Near_LoA	-9,591	0,015	0,282
CHR3	14679826	CHR3:14679826	SSF x Near_LoA	-9,088	-0,030	0,282
CHR3	14680017	CHR3:14680017	SSF x Near_LoA	-8,059	-0,071	0,285
CHR3	14695134	CHR3:14695134	SSF x Near_LoA	-8,421	-0,095	0,293
CHR3	1471522	CHR3:1471522	SSF x Near_LoA	-8,005	0,016	0,277
CHR3	14721170	CHR3:14721170	SSF x Near_LoA	-7,774	0,094	0,281
CHR3	1475190	CHR3:1475190	SSF x Near_LoA	-8,026	-0,146	0,280
CHR3	1475434	CHR3:1475434	SSF x Near_LoA	-10,137	0,064	0,292
CHR3	1475483	CHR3:1475483	SSF x Near_LoA	-5,208	-0,011	0,265
CHR3	14774037	CHR3:14774037	SSF x Near_LoA	-7,169	-0,091	0,287
CHR3	14779764	CHR3:14779764	SSF x Near_LoA	-4,092	-0,208	0,280
CHR3	14779841	CHR3:14779841	SSF x Near_LoA	-5,323	-0,240	0,278
CHR3	14783035	CHR3:14783035	SSF x Near_LoA	-8,087	0,027	0,289
CHR3	14783134	CHR3:14783134	SSF x Near_LoA	-9,036	-0,087	0,294
CHR3	14783202	CHR3:14783202	SSF x Near_LoA	-4,585	-0,043	0,301
CHR3	14816611	CHR3:14816611	SSF x Near_LoA	-6,475	-0,195	0,280
CHR3	14824368	CHR3:14824368	SSF x Near_LoA	-8,115	0,164	0,275
CHR3	1482989	CHR3:1482989	SSF x Near_LoA	-7,754	-0,027	0,294
CHR3	1483009	CHR3:1483009	SSF x Near_LoA	-5,466	0,040	0,288
CHR3	14838496	CHR3:14838496	SSF x Near_LoA	-10,410	-0,024	0,290
CHR3	14838549	CHR3:14838549	SSF x Near_LoA	-6,928	0,165	0,272
CHR3	14838603	CHR3:14838603	SSF x Near_LoA	-7,386	0,108	0,279
CHR3	14838630	CHR3:14838630	SSF x Near_LoA	-10,243	-0,075	0,286
CHR3	14848987	CHR3:14848987	SSF x Near_LoA	-2,722	0,043	0,284
CHR3	14849009	CHR3:14849009	SSF x Near_LoA	-8,651	0,019	0,286
CHR3	14870571	CHR3:14870571	SSF x Near_LoA	-7,351	-0,105	0,288
CHR3	14870598	CHR3:14870598	SSF x Near_LoA	-9,987	-0,010	0,292
CHR3	14870618	CHR3:14870618	SSF x Near_LoA	-9,551	-0,031	0,285

CHR3	14875468	CHR3:14875468	SSF x Near_LoA	-5,170	0,167	0,272
CHR3	14875589	CHR3:14875589	SSF x Near_LoA	-8,971	-0,117	0,281
CHR3	14875696	CHR3:14875696	SSF x Near_LoA	-9,649	0,044	0,290
CHR3	14886179	CHR3:14886179	SSF x Near_LoA	2,423	-0,118	0,281
CHR3	14892936	CHR3:14892936	SSF x Near_LoA	-10,367	-0,010	0,283
CHR3	14897285	CHR3:14897285	SSF x Near_LoA	-7,534	0,084	0,292
CHR3	14904025	CHR3:14904025	SSF x Near_LoA	-8,023	-0,044	0,286
CHR3	14906824	CHR3:14906824	SSF x Near_LoA	-9,506	-0,038	0,281
CHR3	14906825	CHR3:14906825	SSF x Near_LoA	-9,106	-0,008	0,286
CHR3	14906851	CHR3:14906851	SSF x Near_LoA	-4,302	0,139	0,278
CHR3	14906873	CHR3:14906873	SSF x Near_LoA	-4,404	0,145	0,277
CHR3	14922542	CHR3:14922542	SSF x Near_LoA	-8,012	-0,082	0,300
CHR3	14922700	CHR3:14922700	SSF x Near_LoA	-9,122	0,089	0,291
CHR3	14922849	CHR3:14922849	SSF x Near_LoA	-9,345	-0,008	0,292
CHR3	14930853	CHR3:14930853	SSF x Near_LoA	-7,609	0,128	0,291
CHR3	14945258	CHR3:14945258	SSF x Near_LoA	-8,150	-0,043	0,306
CHR3	1494932	CHR3:1494932	SSF x Near_LoA	-5,957	-0,062	0,277
CHR3	14986142	CHR3:14986142	SSF x Near_LoA	-9,028	0,013	0,285
CHR3	14986304	CHR3:14986304	SSF x Near_LoA	-10,079	0,022	0,288
CHR3	14986324	CHR3:14986324	SSF x Near_LoA	-7,630	-0,108	0,275
CHR3	14986361	CHR3:14986361	SSF x Near_LoA	-7,778	0,199	0,275
CHR3	14986386	CHR3:14986386	SSF x Near_LoA	-8,962	-0,127	0,296
CHR3	14986449	CHR3:14986449	SSF x Near_LoA	-10,337	0,011	0,302
CHR3	14997292	CHR3:14997292	SSF x Near_LoA	-6,250	-0,059	0,290
CHR3	14997374	CHR3:14997374	SSF x Near_LoA	-8,516	-0,095	0,289
CHR3	14997469	CHR3:14997469	SSF x Near_LoA	-9,789	-0,054	0,279
CHR3	14997475	CHR3:14997475	SSF x Near_LoA	-7,815	-0,065	0,296
CHR3	1501692	CHR3:1501692	SSF x Near_LoA	-9,745	-0,005	0,287
CHR3	15045469	CHR3:15045469	SSF x Near_LoA	-8,220	0,124	0,286
CHR3	15078621	CHR3:15078621	SSF x Near_LoA	-6,529	0,103	0,260
CHR3	15078807	CHR3:15078807	SSF x Near_LoA	-6,965	-0,196	0,283
CHR3	15082085	CHR3:15082085	SSF x Near_LoA	-6,958	-0,070	0,295
CHR3	15082132	CHR3:15082132	SSF x Near_LoA	-9,084	0,101	0,307
CHR3	15082143	CHR3:15082143	SSF x Near_LoA	-3,663	-0,070	0,293
CHR3	15082249	CHR3:15082249	SSF x Near_LoA	-7,984	0,052	0,294
CHR3	15096483	CHR3:15096483	SSF x Near_LoA	-8,193	0,017	0,286
CHR3	15096535	CHR3:15096535	SSF x Near_LoA	-6,694	-0,195	0,289
CHR3	15096593	CHR3:15096593	SSF x Near_LoA	-8,185	-0,089	0,277
CHR3	15096637	CHR3:15096637	SSF x Near_LoA	-8,174	0,101	0,278
CHR3	15096669	CHR3:15096669	SSF x Near_LoA	-8,203	-0,047	0,291
CHR3	15131693	CHR3:15131693	SSF x Near_LoA	-8,304	0,019	0,286
CHR3	15149069	CHR3:15149069	SSF x Near_LoA	-4,472	-0,156	0,284
CHR3	1556424	CHR3:1556424	SSF x Near_LoA	-9,148	0,032	0,281
CHR3	1566063	CHR3:1566063	SSF x Near_LoA	-9,109	0,010	0,298
CHR3	1586748	CHR3:1586748	SSF x Near_LoA	-9,188	0,034	0,268
CHR3	1586981	CHR3:1586981	SSF x Near_LoA	-6,567	0,051	0,289
CHR3	1596093	CHR3:1596093	SSF x Near_LoA	-7,454	0,175	0,276
CHR3	1596189	CHR3:1596189	SSF x Near_LoA	-7,670	0,106	0,274
CHR3	1596278	CHR3:1596278	SSF x Near_LoA	-6,989	0,100	0,273
CHR3	1596289	CHR3:1596289	SSF x Near_LoA	-5,776	0,104	0,298
CHR3	1596335	CHR3:1596335	SSF x Near_LoA	-10,771	-0,066	0,285
CHR3	1596361	CHR3:1596361	SSF x Near_LoA	-7,320	-0,035	0,295
CHR3	1618784	CHR3:1618784	SSF x Near_LoA	-9,003	-0,067	0,290

CHR3	1618901	CHR3:1618901	SSF x Near_LoA	-9,090	-0,085	0,292
CHR3	1618915	CHR3:1618915	SSF x Near_LoA	-8,690	-0,022	0,299
CHR3	1619002	CHR3:1619002	SSF x Near_LoA	-7,030	0,090	0,293
CHR3	1619023	CHR3:1619023	SSF x Near_LoA	-6,511	0,070	0,281
CHR3	1619055	CHR3:1619055	SSF x Near_LoA	-8,531	0,017	0,292
CHR3	1619063	CHR3:1619063	SSF x Near_LoA	-8,093	0,032	0,293
CHR3	1619126	CHR3:1619126	SSF x Near_LoA	-9,651	0,009	0,282
CHR3	1621841	CHR3:1621841	SSF x Near_LoA	-6,402	0,142	0,295
CHR3	1621896	CHR3:1621896	SSF x Near_LoA	-4,087	-0,155	0,271
CHR3	1621925	CHR3:1621925	SSF x Near_LoA	-9,224	0,036	0,285
CHR3	1621936	CHR3:1621936	SSF x Near_LoA	-7,238	-0,040	0,281
CHR3	1622083	CHR3:1622083	SSF x Near_LoA	-7,926	-0,083	0,277
CHR3	1642338	CHR3:1642338	SSF x Near_LoA	-9,442	0,031	0,278
CHR3	1642393	CHR3:1642393	SSF x Near_LoA	-8,977	0,116	0,285
CHR3	1642492	CHR3:1642492	SSF x Near_LoA	-0,422	0,100	0,286
CHR3	1642517	CHR3:1642517	SSF x Near_LoA	-8,769	0,090	0,291
CHR3	1642530	CHR3:1642530	SSF x Near_LoA	-5,659	-0,082	0,285
CHR3	1642531	CHR3:1642531	SSF x Near_LoA	-7,304	-0,162	0,267
CHR3	1642559	CHR3:1642559	SSF x Near_LoA	-6,527	-0,016	0,279
CHR3	1642657	CHR3:1642657	SSF x Near_LoA	-8,649	0,083	0,286
CHR3	1645609	CHR3:1645609	SSF x Near_LoA	-5,858	-0,168	0,278
CHR3	1645619	CHR3:1645619	SSF x Near_LoA	-6,383	-0,061	0,296
CHR3	1656016	CHR3:1656016	SSF x Near_LoA	-7,761	-0,071	0,277
CHR3	1656327	CHR3:1656327	SSF x Near_LoA	-6,992	0,000	0,280
CHR3	1659266	CHR3:1659266	SSF x Near_LoA	-6,184	0,093	0,292
CHR3	1659267	CHR3:1659267	SSF x Near_LoA	-7,621	-0,025	0,286
CHR3	1659295	CHR3:1659295	SSF x Near_LoA	-7,050	0,145	0,287
CHR3	1659330	CHR3:1659330	SSF x Near_LoA	-8,273	0,076	0,292
CHR3	1671709	CHR3:1671709	SSF x Near_LoA	-8,686	-0,049	0,302
CHR3	1674489	CHR3:1674489	SSF x Near_LoA	-9,122	-0,031	0,286
CHR3	1674559	CHR3:1674559	SSF x Near_LoA	-8,099	0,029	0,286
CHR3	1687143	CHR3:1687143	SSF x Near_LoA	-6,766	-0,014	0,284
CHR3	1687348	CHR3:1687348	SSF x Near_LoA	-8,299	-0,005	0,289
CHR3	1692469	CHR3:1692469	SSF x Near_LoA	-9,630	0,064	0,288
CHR3	1692484	CHR3:1692484	SSF x Near_LoA	-9,566	-0,004	0,285
CHR3	1717239	CHR3:1717239	SSF x Near_LoA	-5,778	-0,076	0,285
CHR3	1717244	CHR3:1717244	SSF x Near_LoA	-10,184	0,111	0,291
CHR3	1717246	CHR3:1717246	SSF x Near_LoA	-8,833	-0,035	0,301
CHR3	1718305	CHR3:1718305	SSF x Near_LoA	-9,618	-0,023	0,299
CHR3	1718310	CHR3:1718310	SSF x Near_LoA	-9,451	-0,008	0,308
CHR3	1720042	CHR3:1720042	SSF x Near_LoA	-7,465	0,087	0,292
CHR3	1720044	CHR3:1720044	SSF x Near_LoA	-7,891	-0,147	0,278
CHR3	1720056	CHR3:1720056	SSF x Near_LoA	-8,752	0,006	0,289
CHR3	1720057	CHR3:1720057	SSF x Near_LoA	-7,632	-0,011	0,290
CHR3	1720150	CHR3:1720150	SSF x Near_LoA	-8,662	0,043	0,303
CHR3	1720158	CHR3:1720158	SSF x Near_LoA	-9,345	-0,050	0,273
CHR3	1720180	CHR3:1720180	SSF x Near_LoA	-7,628	-0,042	0,289
CHR3	17225268	CHR3:17225268	SSF x Near_LoA	-9,620	0,045	0,283
CHR3	17225361	CHR3:17225361	SSF x Near_LoA	-8,267	0,041	0,294
CHR3	17225377	CHR3:17225377	SSF x Near_LoA	-9,528	0,029	0,300
CHR3	17243391	CHR3:17243391	SSF x Near_LoA	-5,315	-0,016	0,300
CHR3	17261021	CHR3:17261021	SSF x Near_LoA	-6,711	-0,001	0,302
CHR3	17340141	CHR3:17340141	SSF x Near_LoA	-8,017	-0,014	0,284

CHR3	17398766	CHR3:17398766	SSF x Near_LoA	-10,308	-0,047	0,284
CHR3	17398833	CHR3:17398833	SSF x Near_LoA	-6,974	-0,079	0,288
CHR3	17409540	CHR3:17409540	SSF x Near_LoA	-7,114	-0,127	0,276
CHR3	17409809	CHR3:17409809	SSF x Near_LoA	-9,753	-0,098	0,284
CHR3	17409841	CHR3:17409841	SSF x Near_LoA	-9,782	-0,112	0,280
CHR3	17431854	CHR3:17431854	SSF x Near_LoA	-7,474	0,104	0,279
CHR3	17431998	CHR3:17431998	SSF x Near_LoA	-6,903	-0,093	0,294
CHR3	17432127	CHR3:17432127	SSF x Near_LoA	-9,501	0,083	0,274
CHR3	1743478	CHR3:1743478	SSF x Near_LoA	-8,194	-0,002	0,278
CHR3	17460590	CHR3:17460590	SSF x Near_LoA	-7,764	-0,059	0,289
CHR3	17468557	CHR3:17468557	SSF x Near_LoA	-7,295	-0,036	0,304
CHR3	17484719	CHR3:17484719	SSF x Near_LoA	-6,635	-0,043	0,296
CHR3	17484736	CHR3:17484736	SSF x Near_LoA	-8,236	-0,049	0,288
CHR3	17498987	CHR3:17498987	SSF x Near_LoA	-9,707	-0,034	0,284
CHR3	17522106	CHR3:17522106	SSF x Near_LoA	-7,042	-0,130	0,280
CHR3	17526232	CHR3:17526232	SSF x Near_LoA	-9,006	-0,038	0,294
CHR3	17526264	CHR3:17526264	SSF x Near_LoA	-6,625	0,066	0,287
CHR3	17560707	CHR3:17560707	SSF x Near_LoA	-7,035	0,072	0,293
CHR3	17586546	CHR3:17586546	SSF x Near_LoA	-9,463	-0,032	0,294
CHR3	17590570	CHR3:17590570	SSF x Near_LoA	-7,820	0,130	0,302
CHR3	17594867	CHR3:17594867	SSF x Near_LoA	-4,609	0,047	0,292
CHR3	17595055	CHR3:17595055	SSF x Near_LoA	-6,451	0,071	0,275
CHR3	17629195	CHR3:17629195	SSF x Near_LoA	-9,493	0,095	0,288
CHR3	17629196	CHR3:17629196	SSF x Near_LoA	-9,030	0,084	0,288
CHR3	17638677	CHR3:17638677	SSF x Near_LoA	-7,418	0,020	0,285
CHR3	17638831	CHR3:17638831	SSF x Near_LoA	-9,001	-0,025	0,291
CHR3	17643297	CHR3:17643297	SSF x Near_LoA	-5,862	0,133	0,291
CHR3	17643343	CHR3:17643343	SSF x Near_LoA	-7,587	-0,024	0,304
CHR3	17643346	CHR3:17643346	SSF x Near_LoA	-7,086	0,074	0,284
CHR3	17650710	CHR3:17650710	SSF x Near_LoA	-4,338	-0,205	0,263
CHR3	17675335	CHR3:17675335	SSF x Near_LoA	-9,634	0,112	0,291
CHR3	17675357	CHR3:17675357	SSF x Near_LoA	-8,524	0,031	0,279
CHR3	17675574	CHR3:17675574	SSF x Near_LoA	-8,005	-0,029	0,276
CHR3	17679726	CHR3:17679726	SSF x Near_LoA	-9,167	-0,025	0,285
CHR3	17700072	CHR3:17700072	SSF x Near_LoA	-9,543	-0,020	0,284
CHR3	17700355	CHR3:17700355	SSF x Near_LoA	-9,460	-0,094	0,288
CHR3	17700357	CHR3:17700357	SSF x Near_LoA	-8,384	-0,098	0,283
CHR3	17700363	CHR3:17700363	SSF x Near_LoA	-6,409	-0,141	0,283
CHR3	17700368	CHR3:17700368	SSF x Near_LoA	-10,195	0,051	0,282
CHR3	17715022	CHR3:17715022	SSF x Near_LoA	-7,818	-0,039	0,290
CHR3	17717456	CHR3:17717456	SSF x Near_LoA	-5,207	-0,280	0,261
CHR3	17717478	CHR3:17717478	SSF x Near_LoA	-7,860	0,105	0,294
CHR3	17717481	CHR3:17717481	SSF x Near_LoA	-8,235	0,039	0,295
CHR3	17717520	CHR3:17717520	SSF x Near_LoA	-7,865	-0,147	0,274
CHR3	17717578	CHR3:17717578	SSF x Near_LoA	-6,136	-0,121	0,280
CHR3	17732268	CHR3:17732268	SSF x Near_LoA	-7,902	-0,111	0,291
CHR3	17732440	CHR3:17732440	SSF x Near_LoA	-9,816	0,063	0,274
CHR3	17732657	CHR3:17732657	SSF x Near_LoA	-3,140	0,209	0,279
CHR3	17732703	CHR3:17732703	SSF x Near_LoA	-7,857	0,030	0,300
CHR3	17746465	CHR3:17746465	SSF x Near_LoA	-5,470	0,162	0,278
CHR3	17746559	CHR3:17746559	SSF x Near_LoA	-7,811	-0,102	0,293
CHR3	17746571	CHR3:17746571	SSF x Near_LoA	-8,661	0,007	0,288
CHR3	17746577	CHR3:17746577	SSF x Near_LoA	-9,595	-0,010	0,283

CHR3	1775982	CHR3:1775982	SSF x Near_LoA	-6,513	-0,127	0,276
CHR3	1776089	CHR3:1776089	SSF x Near_LoA	-7,984	0,081	0,287
CHR3	17766204	CHR3:17766204	SSF x Near_LoA	-8,416	0,049	0,287
CHR3	17766650	CHR3:17766650	SSF x Near_LoA	-8,575	-0,088	0,291
CHR3	17843313	CHR3:17843313	SSF x Near_LoA	-9,830	0,061	0,275
CHR3	17843416	CHR3:17843416	SSF x Near_LoA	-10,969	0,027	0,277
CHR3	17843426	CHR3:17843426	SSF x Near_LoA	-10,260	0,082	0,282
CHR3	17843465	CHR3:17843465	SSF x Near_LoA	-8,430	0,103	0,292
CHR3	17856294	CHR3:17856294	SSF x Near_LoA	-5,885	-0,041	0,286
CHR3	17865809	CHR3:17865809	SSF x Near_LoA	-9,278	-0,108	0,273
CHR3	17881515	CHR3:17881515	SSF x Near_LoA	-11,172	-0,020	0,282
CHR3	17881566	CHR3:17881566	SSF x Near_LoA	-9,645	0,098	0,274
CHR3	17881669	CHR3:17881669	SSF x Near_LoA	-8,101	0,002	0,296
CHR3	17912100	CHR3:17912100	SSF x Near_LoA	-3,800	0,146	0,286
CHR3	17912125	CHR3:17912125	SSF x Near_LoA	-6,086	-0,045	0,303
CHR3	17912149	CHR3:17912149	SSF x Near_LoA	-8,111	-0,142	0,273
CHR3	17938843	CHR3:17938843	SSF x Near_LoA	-7,760	-0,037	0,290
CHR3	17938966	CHR3:17938966	SSF x Near_LoA	-7,914	-0,044	0,287
CHR3	17938974	CHR3:17938974	SSF x Near_LoA	-9,040	-0,022	0,270
CHR3	17938984	CHR3:17938984	SSF x Near_LoA	-10,391	0,078	0,292
CHR3	17939052	CHR3:17939052	SSF x Near_LoA	-8,227	-0,022	0,286
CHR3	17939072	CHR3:17939072	SSF x Near_LoA	-10,076	-0,002	0,275
CHR3	17940515	CHR3:17940515	SSF x Near_LoA	-8,501	-0,042	0,295
CHR3	17952922	CHR3:17952922	SSF x Near_LoA	-8,462	-0,079	0,283
CHR3	17994281	CHR3:17994281	SSF x Near_LoA	-6,600	0,029	0,298
CHR3	17994347	CHR3:17994347	SSF x Near_LoA	-7,045	0,114	0,287
CHR3	17997653	CHR3:17997653	SSF x Near_LoA	-8,201	-0,151	0,281
CHR3	17997753	CHR3:17997753	SSF x Near_LoA	-8,328	0,000	0,279
CHR3	18011906	CHR3:18011906	SSF x Near_LoA	-9,618	-0,008	0,291
CHR3	18011973	CHR3:18011973	SSF x Near_LoA	-9,056	-0,120	0,276
CHR3	18012008	CHR3:18012008	SSF x Near_LoA	-7,732	-0,048	0,288
CHR3	18012029	CHR3:18012029	SSF x Near_LoA	-8,845	-0,020	0,293
CHR3	18029232	CHR3:18029232	SSF x Near_LoA	-7,598	-0,007	0,279
CHR3	18029260	CHR3:18029260	SSF x Near_LoA	-8,116	-0,002	0,272
CHR3	18029263	CHR3:18029263	SSF x Near_LoA	-7,023	-0,034	0,274
CHR3	18029298	CHR3:18029298	SSF x Near_LoA	-7,384	-0,023	0,274
CHR3	18029335	CHR3:18029335	SSF x Near_LoA	-0,436	-0,046	0,279
CHR3	18029352	CHR3:18029352	SSF x Near_LoA	-5,351	-0,008	0,297
CHR3	18062418	CHR3:18062418	SSF x Near_LoA	-6,429	-0,049	0,285
CHR3	18062890	CHR3:18062890	SSF x Near_LoA	-7,756	0,120	0,289
CHR3	18076917	CHR3:18076917	SSF x Near_LoA	-10,075	0,040	0,283
CHR3	18076934	CHR3:18076934	SSF x Near_LoA	-5,362	-0,214	0,284
CHR3	18080016	CHR3:18080016	SSF x Near_LoA	-8,877	0,041	0,280
CHR3	18080022	CHR3:18080022	SSF x Near_LoA	-8,769	-0,014	0,288
CHR3	18080238	CHR3:18080238	SSF x Near_LoA	-10,921	-0,028	0,279
CHR3	18097785	CHR3:18097785	SSF x Near_LoA	-9,230	0,130	0,301
CHR3	18097836	CHR3:18097836	SSF x Near_LoA	-10,346	0,001	0,289
CHR3	18098024	CHR3:18098024	SSF x Near_LoA	-10,263	0,037	0,277
CHR3	18108100	CHR3:18108100	SSF x Near_LoA	-9,495	0,043	0,278
CHR3	18124645	CHR3:18124645	SSF x Near_LoA	-8,516	0,055	0,286
CHR3	18130340	CHR3:18130340	SSF x Near_LoA	-10,619	-0,033	0,296
CHR3	18142571	CHR3:18142571	SSF x Near_LoA	-1,660	-0,085	0,283
CHR3	18142586	CHR3:18142586	SSF x Near_LoA	-6,726	0,163	0,280

CHR3	18143442	CHR3:18143442	SSF x Near_LoA	-8,396	0,139	0,274
CHR3	18143528	CHR3:18143528	SSF x Near_LoA	-7,107	-0,117	0,271
CHR3	18147438	CHR3:18147438	SSF x Near_LoA	-10,008	-0,063	0,288
CHR3	18147530	CHR3:18147530	SSF x Near_LoA	-5,251	0,142	0,281
CHR3	18147568	CHR3:18147568	SSF x Near_LoA	-8,006	0,088	0,287
CHR3	18147595	CHR3:18147595	SSF x Near_LoA	-10,392	0,107	0,287
CHR3	18147607	CHR3:18147607	SSF x Near_LoA	-2,751	0,087	0,290
CHR3	18149305	CHR3:18149305	SSF x Near_LoA	-8,410	0,041	0,293
CHR3	18151842	CHR3:18151842	SSF x Near_LoA	-8,672	0,141	0,288
CHR3	18151859	CHR3:18151859	SSF x Near_LoA	-4,600	0,179	0,286
CHR3	18151889	CHR3:18151889	SSF x Near_LoA	-7,092	-0,089	0,286
CHR3	18165159	CHR3:18165159	SSF x Near_LoA	-8,797	-0,001	0,278
CHR3	18165206	CHR3:18165206	SSF x Near_LoA	-7,562	-0,002	0,301
CHR3	18176718	CHR3:18176718	SSF x Near_LoA	-8,021	-0,136	0,278
CHR3	18200614	CHR3:18200614	SSF x Near_LoA	-2,560	-0,195	0,275
CHR3	18200812	CHR3:18200812	SSF x Near_LoA	-6,062	-0,155	0,298
CHR3	18206816	CHR3:18206816	SSF x Near_LoA	-8,282	0,059	0,282
CHR3	18206936	CHR3:18206936	SSF x Near_LoA	-7,898	-0,063	0,281
CHR3	18212907	CHR3:18212907	SSF x Near_LoA	-8,139	0,142	0,289
CHR3	18248999	CHR3:18248999	SSF x Near_LoA	-6,779	-0,009	0,280
CHR3	18328571	CHR3:18328571	SSF x Near_LoA	-7,411	0,147	0,285
CHR3	18342358	CHR3:18342358	SSF x Near_LoA	-10,343	-0,028	0,284
CHR3	18342486	CHR3:18342486	SSF x Near_LoA	-8,559	-0,079	0,288
CHR3	18342534	CHR3:18342534	SSF x Near_LoA	-8,330	-0,071	0,294
CHR3	18344204	CHR3:18344204	SSF x Near_LoA	-8,459	0,115	0,286
CHR3	18344227	CHR3:18344227	SSF x Near_LoA	-9,495	-0,031	0,308
CHR3	18387370	CHR3:18387370	SSF x Near_LoA	-9,476	0,065	0,290
CHR3	18397082	CHR3:18397082	SSF x Near_LoA	-9,379	0,031	0,310
CHR3	18397094	CHR3:18397094	SSF x Near_LoA	-5,516	-0,163	0,291
CHR3	18397324	CHR3:18397324	SSF x Near_LoA	-7,443	0,015	0,279
CHR3	18397468	CHR3:18397468	SSF x Near_LoA	-8,535	0,050	0,285
CHR3	18413884	CHR3:18413884	SSF x Near_LoA	-5,883	-0,204	0,277
CHR3	18413910	CHR3:18413910	SSF x Near_LoA	-8,946	0,143	0,276
CHR3	18420513	CHR3:18420513	SSF x Near_LoA	-6,215	-0,149	0,294
CHR3	18422693	CHR3:18422693	SSF x Near_LoA	-7,990	0,019	0,301
CHR3	18422700	CHR3:18422700	SSF x Near_LoA	-4,069	0,138	0,267
CHR3	18422766	CHR3:18422766	SSF x Near_LoA	-10,699	0,021	0,282
CHR3	18425111	CHR3:18425111	SSF x Near_LoA	-8,243	0,101	0,278
CHR3	18437548	CHR3:18437548	SSF x Near_LoA	-8,910	0,039	0,297
CHR3	18437550	CHR3:18437550	SSF x Near_LoA	-9,378	0,030	0,300
CHR3	18437784	CHR3:18437784	SSF x Near_LoA	-2,978	-0,189	0,276
CHR3	18472520	CHR3:18472520	SSF x Near_LoA	-5,964	-0,123	0,290
CHR3	18472535	CHR3:18472535	SSF x Near_LoA	-9,498	0,001	0,280
CHR3	18472985	CHR3:18472985	SSF x Near_LoA	-10,940	0,042	0,273
CHR3	18473705	CHR3:18473705	SSF x Near_LoA	-9,264	0,157	0,282
CHR3	18490263	CHR3:18490263	SSF x Near_LoA	-7,839	0,068	0,273
CHR3	18497150	CHR3:18497150	SSF x Near_LoA	-9,012	-0,022	0,280
CHR3	18497296	CHR3:18497296	SSF x Near_LoA	-8,182	0,010	0,289
CHR3	18502286	CHR3:18502286	SSF x Near_LoA	-9,036	0,094	0,283
CHR3	18511025	CHR3:18511025	SSF x Near_LoA	-4,223	-0,236	0,278
CHR3	18511046	CHR3:18511046	SSF x Near_LoA	-7,794	0,148	0,285
CHR3	18511058	CHR3:18511058	SSF x Near_LoA	-5,207	-0,221	0,275
CHR3	18511131	CHR3:18511131	SSF x Near_LoA	-7,268	0,064	0,287

CHR3	18513474	CHR3:18513474	SSF x Near_LoA	-6,989	0,090	0,287
CHR3	18513519	CHR3:18513519	SSF x Near_LoA	-9,887	-0,049	0,272
CHR3	18574135	CHR3:18574135	SSF x Near_LoA	-8,291	-0,014	0,297
CHR3	18584659	CHR3:18584659	SSF x Near_LoA	-9,921	-0,012	0,287
CHR3	18584675	CHR3:18584675	SSF x Near_LoA	-10,262	-0,051	0,286
CHR3	18589154	CHR3:18589154	SSF x Near_LoA	-9,276	0,013	0,290
CHR3	18589209	CHR3:18589209	SSF x Near_LoA	-9,643	-0,046	0,273
CHR3	18592705	CHR3:18592705	SSF x Near_LoA	-2,398	-0,093	0,276
CHR3	18596892	CHR3:18596892	SSF x Near_LoA	-8,951	0,018	0,293
CHR3	18604365	CHR3:18604365	SSF x Near_LoA	-8,233	-0,029	0,274
CHR3	18604398	CHR3:18604398	SSF x Near_LoA	-8,046	-0,076	0,275
CHR3	1860481	CHR3:1860481	SSF x Near_LoA	-4,791	0,136	0,253
CHR3	18613710	CHR3:18613710	SSF x Near_LoA	-7,475	-0,007	0,288
CHR3	18613720	CHR3:18613720	SSF x Near_LoA	-9,265	-0,030	0,285
CHR3	18613775	CHR3:18613775	SSF x Near_LoA	-10,299	0,001	0,286
CHR3	18627695	CHR3:18627695	SSF x Near_LoA	-9,838	0,010	0,294
CHR3	18627729	CHR3:18627729	SSF x Near_LoA	-8,710	0,133	0,287
CHR3	18636943	CHR3:18636943	SSF x Near_LoA	-3,296	0,188	0,277
CHR3	18636945	CHR3:18636945	SSF x Near_LoA	-7,204	0,140	0,278
CHR3	18637374	CHR3:18637374	SSF x Near_LoA	-10,031	-0,035	0,277
CHR3	18637397	CHR3:18637397	SSF x Near_LoA	-0,408	-0,057	0,290
CHR3	18637430	CHR3:18637430	SSF x Near_LoA	-7,785	-0,012	0,287
CHR3	18662824	CHR3:18662824	SSF x Near_LoA	-7,634	0,042	0,284
CHR3	18675807	CHR3:18675807	SSF x Near_LoA	-9,064	0,043	0,276
CHR3	18685821	CHR3:18685821	SSF x Near_LoA	-10,419	0,021	0,283
CHR3	18685949	CHR3:18685949	SSF x Near_LoA	-7,704	-0,127	0,277
CHR3	18687467	CHR3:18687467	SSF x Near_LoA	-4,583	0,148	0,289
CHR3	18687497	CHR3:18687497	SSF x Near_LoA	-6,451	-0,151	0,272
CHR3	18687507	CHR3:18687507	SSF x Near_LoA	-7,103	-0,085	0,283
CHR3	18687527	CHR3:18687527	SSF x Near_LoA	-7,683	0,084	0,297
CHR3	18702910	CHR3:18702910	SSF x Near_LoA	-8,472	0,158	0,278
CHR3	18720804	CHR3:18720804	SSF x Near_LoA	-1,429	0,311	0,253
CHR3	18720885	CHR3:18720885	SSF x Near_LoA	4,947	0,313	0,269
CHR3	18723732	CHR3:18723732	SSF x Near_LoA	-8,191	-0,107	0,299
CHR3	18723775	CHR3:18723775	SSF x Near_LoA	-4,363	-0,195	0,279
CHR3	18723869	CHR3:18723869	SSF x Near_LoA	-9,125	-0,027	0,290
CHR3	18729777	CHR3:18729777	SSF x Near_LoA	-6,965	-0,111	0,286
CHR3	1873525	CHR3:1873525	SSF x Near_LoA	-6,043	0,142	0,288
CHR3	1873614	CHR3:1873614	SSF x Near_LoA	-9,931	-0,061	0,290
CHR3	1873620	CHR3:1873620	SSF x Near_LoA	-7,291	-0,020	0,297
CHR3	1873740	CHR3:1873740	SSF x Near_LoA	-10,567	0,067	0,279
CHR3	18737420	CHR3:18737420	SSF x Near_LoA	-9,021	0,099	0,293
CHR3	18737421	CHR3:18737421	SSF x Near_LoA	-8,130	0,102	0,277
CHR3	18738380	CHR3:18738380	SSF x Near_LoA	-9,598	0,067	0,285
CHR3	18757808	CHR3:18757808	SSF x Near_LoA	-1,551	-0,190	0,273
CHR3	18757839	CHR3:18757839	SSF x Near_LoA	-9,011	0,032	0,280
CHR3	18757905	CHR3:18757905	SSF x Near_LoA	-8,949	0,125	0,280
CHR3	18757925	CHR3:18757925	SSF x Near_LoA	-9,862	-0,027	0,287
CHR3	18757926	CHR3:18757926	SSF x Near_LoA	-7,653	0,108	0,293
CHR3	18758018	CHR3:18758018	SSF x Near_LoA	-9,622	0,024	0,295
CHR3	18758021	CHR3:18758021	SSF x Near_LoA	-6,262	0,178	0,260
CHR3	18758065	CHR3:18758065	SSF x Near_LoA	0,912	0,169	0,285
CHR3	18758150	CHR3:18758150	SSF x Near_LoA	-8,361	0,019	0,307

CHR3	18758162	CHR3:18758162	SSF x Near_LoA	-6,480	0,155	0,273
CHR3	18758189	CHR3:18758189	SSF x Near_LoA	-8,652	0,063	0,287
CHR3	18760462	CHR3:18760462	SSF x Near_LoA	-8,193	0,032	0,281
CHR3	18760495	CHR3:18760495	SSF x Near_LoA	-10,499	0,039	0,287
CHR3	18763410	CHR3:18763410	SSF x Near_LoA	-8,187	0,074	0,288
CHR3	18763422	CHR3:18763422	SSF x Near_LoA	-9,638	-0,004	0,286
CHR3	18763477	CHR3:18763477	SSF x Near_LoA	-9,822	0,025	0,284
CHR3	18763519	CHR3:18763519	SSF x Near_LoA	-4,564	-0,089	0,287
CHR3	18773989	CHR3:18773989	SSF x Near_LoA	-5,922	0,072	0,283
CHR3	18774093	CHR3:18774093	SSF x Near_LoA	-7,691	0,028	0,283
CHR3	1877802	CHR3:1877802	SSF x Near_LoA	-6,836	-0,121	0,287
CHR3	1877824	CHR3:1877824	SSF x Near_LoA	-8,253	0,014	0,276
CHR3	1877850	CHR3:1877850	SSF x Near_LoA	-10,657	-0,036	0,276
CHR3	1877863	CHR3:1877863	SSF x Near_LoA	-3,671	0,037	0,274
CHR3	1877865	CHR3:1877865	SSF x Near_LoA	-7,434	-0,002	0,279
CHR3	1877872	CHR3:1877872	SSF x Near_LoA	-7,414	-0,005	0,290
CHR3	1878064	CHR3:1878064	SSF x Near_LoA	-8,608	0,011	0,302
CHR3	1878107	CHR3:1878107	SSF x Near_LoA	-3,851	-0,179	0,263
CHR3	1878144	CHR3:1878144	SSF x Near_LoA	-6,750	0,121	0,292
CHR3	1879510	CHR3:1879510	SSF x Near_LoA	-8,556	0,029	0,292
CHR3	18799089	CHR3:18799089	SSF x Near_LoA	-10,104	0,012	0,288
CHR3	18799137	CHR3:18799137	SSF x Near_LoA	-9,760	0,009	0,290
CHR3	18799188	CHR3:18799188	SSF x Near_LoA	-10,221	-0,077	0,284
CHR3	18799253	CHR3:18799253	SSF x Near_LoA	-8,308	0,080	0,280
CHR3	18799297	CHR3:18799297	SSF x Near_LoA	-6,201	0,112	0,295
CHR3	18814971	CHR3:18814971	SSF x Near_LoA	-6,496	0,149	0,287
CHR3	18815117	CHR3:18815117	SSF x Near_LoA	-6,642	0,019	0,288
CHR3	18831145	CHR3:18831145	SSF x Near_LoA	-8,667	0,075	0,285
CHR3	18831531	CHR3:18831531	SSF x Near_LoA	-3,502	-0,228	0,272
CHR3	18831549	CHR3:18831549	SSF x Near_LoA	-6,261	0,021	0,308
CHR3	18849684	CHR3:18849684	SSF x Near_LoA	-2,142	-0,162	0,272
CHR3	18849882	CHR3:18849882	SSF x Near_LoA	-5,282	0,060	0,286
CHR3	18849901	CHR3:18849901	SSF x Near_LoA	-6,574	0,060	0,286
CHR3	18849919	CHR3:18849919	SSF x Near_LoA	-5,983	-0,100	0,279
CHR3	18849947	CHR3:18849947	SSF x Near_LoA	-6,554	-0,033	0,282
CHR3	18849952	CHR3:18849952	SSF x Near_LoA	-8,788	0,157	0,287
CHR3	18883103	CHR3:18883103	SSF x Near_LoA	-7,329	0,090	0,295
CHR3	18883196	CHR3:18883196	SSF x Near_LoA	-2,904	0,153	0,276
CHR3	18905533	CHR3:18905533	SSF x Near_LoA	-6,223	0,137	0,276
CHR3	18905609	CHR3:18905609	SSF x Near_LoA	-6,936	0,131	0,270
CHR3	18905657	CHR3:18905657	SSF x Near_LoA	-8,494	-0,057	0,290
CHR3	18905811	CHR3:18905811	SSF x Near_LoA	-6,801	0,086	0,272
CHR3	18905840	CHR3:18905840	SSF x Near_LoA	-10,717	0,020	0,293
CHR3	18905853	CHR3:18905853	SSF x Near_LoA	-6,638	-0,013	0,300
CHR3	18930948	CHR3:18930948	SSF x Near_LoA	-7,267	0,033	0,296
CHR3	18931019	CHR3:18931019	SSF x Near_LoA	-8,227	0,025	0,264
CHR3	18931022	CHR3:18931022	SSF x Near_LoA	-6,667	0,074	0,280
CHR3	18932641	CHR3:18932641	SSF x Near_LoA	-7,727	0,067	0,278
CHR3	18932709	CHR3:18932709	SSF x Near_LoA	-8,286	-0,061	0,280
CHR3	18949010	CHR3:18949010	SSF x Near_LoA	-10,465	-0,017	0,274
CHR3	18949122	CHR3:18949122	SSF x Near_LoA	-7,418	0,096	0,298
CHR3	18975187	CHR3:18975187	SSF x Near_LoA	-1,925	-0,215	0,278
CHR3	18978728	CHR3:18978728	SSF x Near_LoA	-6,056	0,105	0,289

CHR3	18994484	CHR3:18994484	SSF x Near_LoA	-8,112	-0,153	0,275
CHR3	18996288	CHR3:18996288	SSF x Near_LoA	-8,155	-0,036	0,285
CHR3	18996289	CHR3:18996289	SSF x Near_LoA	-7,515	-0,006	0,288
CHR3	19000609	CHR3:19000609	SSF x Near_LoA	-6,344	0,133	0,280
CHR3	19017596	CHR3:19017596	SSF x Near_LoA	-10,875	0,044	0,278
CHR3	19017689	CHR3:19017689	SSF x Near_LoA	-8,126	-0,009	0,291
CHR3	19017731	CHR3:19017731	SSF x Near_LoA	-7,731	-0,046	0,280
CHR3	19017733	CHR3:19017733	SSF x Near_LoA	-6,812	0,177	0,262
CHR3	19017753	CHR3:19017753	SSF x Near_LoA	-7,598	0,071	0,274
CHR3	19017907	CHR3:19017907	SSF x Near_LoA	-9,703	0,012	0,287
CHR3	19018003	CHR3:19018003	SSF x Near_LoA	-8,236	-0,087	0,284
CHR3	19050357	CHR3:19050357	SSF x Near_LoA	-7,399	0,063	0,275
CHR3	19050433	CHR3:19050433	SSF x Near_LoA	-6,561	0,110	0,281
CHR3	19050444	CHR3:19050444	SSF x Near_LoA	-6,386	0,177	0,273
CHR3	19060107	CHR3:19060107	SSF x Near_LoA	-7,453	0,060	0,297
CHR3	19060257	CHR3:19060257	SSF x Near_LoA	-9,638	0,026	0,287
CHR3	19078421	CHR3:19078421	SSF x Near_LoA	-6,848	-0,103	0,290
CHR3	19081671	CHR3:19081671	SSF x Near_LoA	-6,403	0,032	0,296
CHR3	19086544	CHR3:19086544	SSF x Near_LoA	-8,464	-0,066	0,293
CHR3	19119874	CHR3:19119874	SSF x Near_LoA	-7,251	-0,092	0,289
CHR3	19120079	CHR3:19120079	SSF x Near_LoA	-6,415	0,068	0,279
CHR3	19120088	CHR3:19120088	SSF x Near_LoA	-7,167	0,073	0,293
CHR3	19120091	CHR3:19120091	SSF x Near_LoA	-9,752	-0,065	0,294
CHR3	19133892	CHR3:19133892	SSF x Near_LoA	-10,245	0,062	0,290
CHR3	19133951	CHR3:19133951	SSF x Near_LoA	-5,154	0,182	0,272
CHR3	19141092	CHR3:19141092	SSF x Near_LoA	-5,675	-0,052	0,281
CHR3	19141179	CHR3:19141179	SSF x Near_LoA	-8,055	-0,178	0,276
CHR3	19151513	CHR3:19151513	SSF x Near_LoA	-8,074	0,000	0,297
CHR3	19162433	CHR3:19162433	SSF x Near_LoA	-9,638	0,050	0,288
CHR3	19178469	CHR3:19178469	SSF x Near_LoA	-7,930	0,024	0,278
CHR3	19178498	CHR3:19178498	SSF x Near_LoA	-7,507	-0,011	0,286
CHR3	19178567	CHR3:19178567	SSF x Near_LoA	-9,626	-0,093	0,284
CHR3	19178681	CHR3:19178681	SSF x Near_LoA	-10,003	-0,063	0,289
CHR3	19178839	CHR3:19178839	SSF x Near_LoA	-8,899	0,051	0,293
CHR3	19178840	CHR3:19178840	SSF x Near_LoA	-8,421	-0,095	0,294
CHR3	19188470	CHR3:19188470	SSF x Near_LoA	-9,481	0,072	0,285
CHR3	19188551	CHR3:19188551	SSF x Near_LoA	-8,959	0,078	0,291
CHR3	19188556	CHR3:19188556	SSF x Near_LoA	-9,048	-0,019	0,289
CHR3	19188570	CHR3:19188570	SSF x Near_LoA	-8,727	-0,075	0,283
CHR3	19192684	CHR3:19192684	SSF x Near_LoA	-7,915	-0,122	0,282
CHR3	19192778	CHR3:19192778	SSF x Near_LoA	-10,523	0,064	0,285
CHR3	19192816	CHR3:19192816	SSF x Near_LoA	-8,866	-0,054	0,288
CHR3	19192998	CHR3:19192998	SSF x Near_LoA	-6,143	-0,055	0,288
CHR3	19197807	CHR3:19197807	SSF x Near_LoA	-7,752	-0,101	0,278
CHR3	19197820	CHR3:19197820	SSF x Near_LoA	-8,065	0,018	0,280
CHR3	19198057	CHR3:19198057	SSF x Near_LoA	-9,718	0,110	0,283
CHR3	19212522	CHR3:19212522	SSF x Near_LoA	-7,283	-0,129	0,271
CHR3	19212600	CHR3:19212600	SSF x Near_LoA	-8,871	-0,086	0,279
CHR3	1922691	CHR3:1922691	SSF x Near_LoA	-9,493	0,065	0,294
CHR3	19239797	CHR3:19239797	SSF x Near_LoA	1,674	0,047	0,295
CHR3	19239967	CHR3:19239967	SSF x Near_LoA	-9,174	0,025	0,289
CHR3	19247164	CHR3:19247164	SSF x Near_LoA	2,329	-0,100	0,287
CHR3	19247195	CHR3:19247195	SSF x Near_LoA	-7,968	-0,026	0,275

CHR3	19247272	CHR3:19247272	SSF x Near_LoA	-9,286	0,014	0,290
CHR3	19247411	CHR3:19247411	SSF x Near_LoA	-9,415	0,083	0,278
CHR3	19247477	CHR3:19247477	SSF x Near_LoA	-11,316	-0,012	0,289
CHR3	19247511	CHR3:19247511	SSF x Near_LoA	-4,744	-0,001	0,297
CHR3	19247542	CHR3:19247542	SSF x Near_LoA	-9,294	0,031	0,297
CHR3	19254161	CHR3:19254161	SSF x Near_LoA	-9,904	0,063	0,278
CHR3	19254248	CHR3:19254248	SSF x Near_LoA	-7,780	-0,082	0,285
CHR3	19254289	CHR3:19254289	SSF x Near_LoA	-6,168	-0,077	0,294
CHR3	19259937	CHR3:19259937	SSF x Near_LoA	-9,561	-0,076	0,286
CHR3	19259994	CHR3:19259994	SSF x Near_LoA	-8,485	-0,083	0,292
CHR3	19260145	CHR3:19260145	SSF x Near_LoA	-7,407	-0,066	0,290
CHR3	19260159	CHR3:19260159	SSF x Near_LoA	-8,143	-0,030	0,297
CHR3	19260169	CHR3:19260169	SSF x Near_LoA	-8,391	0,155	0,297
CHR3	19260231	CHR3:19260231	SSF x Near_LoA	-5,306	-0,152	0,295
CHR3	19271300	CHR3:19271300	SSF x Near_LoA	-1,979	0,201	0,265
CHR3	19275239	CHR3:19275239	SSF x Near_LoA	-7,439	-0,110	0,288
CHR3	19281759	CHR3:19281759	SSF x Near_LoA	-6,037	-0,201	0,271
CHR3	1930663	CHR3:1930663	SSF x Near_LoA	-10,235	0,043	0,265
CHR3	19381245	CHR3:19381245	SSF x Near_LoA	-9,318	0,021	0,302
CHR3	1940748	CHR3:1940748	SSF x Near_LoA	-0,956	0,079	0,285
CHR3	1940777	CHR3:1940777	SSF x Near_LoA	-6,856	0,077	0,279
CHR3	1940819	CHR3:1940819	SSF x Near_LoA	-9,422	0,031	0,277
CHR3	1940872	CHR3:1940872	SSF x Near_LoA	-8,098	0,084	0,287
CHR3	1946352	CHR3:1946352	SSF x Near_LoA	-7,184	-0,021	0,287
CHR3	1946363	CHR3:1946363	SSF x Near_LoA	-8,172	0,074	0,294
CHR3	1946387	CHR3:1946387	SSF x Near_LoA	-5,063	-0,093	0,294
CHR3	1949108	CHR3:1949108	SSF x Near_LoA	-8,865	0,077	0,289
CHR3	1949151	CHR3:1949151	SSF x Near_LoA	-3,517	-0,215	0,274
CHR3	1949165	CHR3:1949165	SSF x Near_LoA	-4,433	0,150	0,278
CHR3	1949266	CHR3:1949266	SSF x Near_LoA	-7,758	0,081	0,295
CHR3	1950943	CHR3:1950943	SSF x Near_LoA	-8,259	-0,128	0,278
CHR3	1950960	CHR3:1950960	SSF x Near_LoA	-9,996	0,007	0,282
CHR3	1951019	CHR3:1951019	SSF x Near_LoA	-10,268	0,054	0,278
CHR3	2005851	CHR3:2005851	SSF x Near_LoA	12,453	-0,308	0,239
CHR3	2005894	CHR3:2005894	SSF x Near_LoA	-4,963	-0,192	0,285
CHR3	2005985	CHR3:2005985	SSF x Near_LoA	-9,800	-0,028	0,268
CHR3	2014183	CHR3:2014183	SSF x Near_LoA	-4,236	-0,119	0,298
CHR3	2014209	CHR3:2014209	SSF x Near_LoA	-10,825	0,029	0,284
CHR3	2014235	CHR3:2014235	SSF x Near_LoA	-8,925	0,071	0,293
CHR3	2014272	CHR3:2014272	SSF x Near_LoA	-7,745	-0,070	0,288
CHR3	2014367	CHR3:2014367	SSF x Near_LoA	-7,673	-0,079	0,286
CHR3	2014388	CHR3:2014388	SSF x Near_LoA	-4,587	-0,080	0,292
CHR3	2014405	CHR3:2014405	SSF x Near_LoA	-6,586	-0,127	0,299
CHR3	2014428	CHR3:2014428	SSF x Near_LoA	-9,473	-0,008	0,279
CHR3	2014438	CHR3:2014438	SSF x Near_LoA	-9,500	-0,124	0,281
CHR3	2023216	CHR3:2023216	SSF x Near_LoA	-6,542	-0,128	0,294
CHR3	2023449	CHR3:2023449	SSF x Near_LoA	-7,428	-0,105	0,309
CHR3	2024435	CHR3:2024435	SSF x Near_LoA	-5,563	-0,115	0,265
CHR3	2024497	CHR3:2024497	SSF x Near_LoA	-8,435	0,112	0,282
CHR3	2026049	CHR3:2026049	SSF x Near_LoA	-7,561	-0,120	0,276
CHR3	2050445	CHR3:2050445	SSF x Near_LoA	-7,108	-0,010	0,296
CHR3	2050755	CHR3:2050755	SSF x Near_LoA	-1,486	0,161	0,284
CHR3	2103187	CHR3:2103187	SSF x Near_LoA	-7,737	0,162	0,291

CHR3	2103197	CHR3:2103197	SSF x Near_LoA	-5,736	0,134	0,298
CHR3	2104840	CHR3:2104840	SSF x Near_LoA	-9,480	0,105	0,282
CHR3	2142880	CHR3:2142880	SSF x Near_LoA	-6,746	0,182	0,288
CHR3	2142889	CHR3:2142889	SSF x Near_LoA	-6,371	-0,137	0,267
CHR3	2142902	CHR3:2142902	SSF x Near_LoA	-6,478	-0,048	0,288
CHR3	2142953	CHR3:2142953	SSF x Near_LoA	-6,613	0,097	0,288
CHR3	2142963	CHR3:2142963	SSF x Near_LoA	-7,452	0,063	0,282
CHR3	2142964	CHR3:2142964	SSF x Near_LoA	-6,932	0,049	0,283
CHR3	2142989	CHR3:2142989	SSF x Near_LoA	-7,605	0,028	0,280
CHR3	2144775	CHR3:2144775	SSF x Near_LoA	-8,367	-0,115	0,291
CHR3	2144828	CHR3:2144828	SSF x Near_LoA	-9,457	0,057	0,276
CHR3	2144855	CHR3:2144855	SSF x Near_LoA	-9,063	-0,082	0,290
CHR3	2144875	CHR3:2144875	SSF x Near_LoA	-5,616	-0,051	0,270
CHR3	2144920	CHR3:2144920	SSF x Near_LoA	-9,823	-0,051	0,283
CHR3	2144971	CHR3:2144971	SSF x Near_LoA	-6,991	-0,059	0,287
CHR3	2160733	CHR3:2160733	SSF x Near_LoA	-6,902	0,088	0,291
CHR3	2160764	CHR3:2160764	SSF x Near_LoA	-9,268	0,127	0,282
CHR3	2160968	CHR3:2160968	SSF x Near_LoA	-7,560	0,143	0,276
CHR3	2161025	CHR3:2161025	SSF x Near_LoA	-9,690	0,038	0,282
CHR3	2161064	CHR3:2161064	SSF x Near_LoA	-7,634	-0,084	0,293
CHR3	2161109	CHR3:2161109	SSF x Near_LoA	-8,356	-0,014	0,288
CHR3	2167250	CHR3:2167250	SSF x Near_LoA	-10,274	0,031	0,278
CHR3	2167265	CHR3:2167265	SSF x Near_LoA	-11,141	-0,037	0,299
CHR3	2167408	CHR3:2167408	SSF x Near_LoA	-5,611	0,200	0,273
CHR3	2168246	CHR3:2168246	SSF x Near_LoA	-9,090	-0,045	0,271
CHR3	2177221	CHR3:2177221	SSF x Near_LoA	-7,989	0,036	0,290
CHR3	2177275	CHR3:2177275	SSF x Near_LoA	-7,976	0,017	0,298
CHR3	2177326	CHR3:2177326	SSF x Near_LoA	-9,818	0,070	0,280
CHR3	2177627	CHR3:2177627	SSF x Near_LoA	-8,083	0,021	0,281
CHR3	2177637	CHR3:2177637	SSF x Near_LoA	-7,161	-0,021	0,288
CHR3	2177643	CHR3:2177643	SSF x Near_LoA	-8,291	-0,045	0,274
CHR3	2177745	CHR3:2177745	SSF x Near_LoA	-9,667	0,025	0,298
CHR3	2177765	CHR3:2177765	SSF x Near_LoA	-6,151	-0,151	0,287
CHR3	2189020	CHR3:2189020	SSF x Near_LoA	-6,329	0,040	0,296
CHR3	2189064	CHR3:2189064	SSF x Near_LoA	-8,719	-0,108	0,283
CHR3	2191304	CHR3:2191304	SSF x Near_LoA	-9,343	0,029	0,298
CHR3	2198777	CHR3:2198777	SSF x Near_LoA	-8,404	-0,120	0,284
CHR3	2198916	CHR3:2198916	SSF x Near_LoA	-9,297	0,037	0,278
CHR3	2202112	CHR3:2202112	SSF x Near_LoA	-8,739	-0,097	0,274
CHR3	2202131	CHR3:2202131	SSF x Near_LoA	-10,084	-0,012	0,286
CHR3	2203163	CHR3:2203163	SSF x Near_LoA	-7,652	-0,165	0,272
CHR3	2205311	CHR3:2205311	SSF x Near_LoA	-5,177	0,217	0,273
CHR3	2205477	CHR3:2205477	SSF x Near_LoA	-10,944	-0,007	0,267
CHR3	2212442	CHR3:2212442	SSF x Near_LoA	-9,103	-0,005	0,289
CHR3	2216444	CHR3:2216444	SSF x Near_LoA	-8,726	0,038	0,279
CHR3	2216513	CHR3:2216513	SSF x Near_LoA	-7,363	0,106	0,281
CHR3	2216568	CHR3:2216568	SSF x Near_LoA	-5,664	-0,183	0,285
CHR3	2216623	CHR3:2216623	SSF x Near_LoA	-7,336	-0,153	0,264
CHR3	2222792	CHR3:2222792	SSF x Near_LoA	-6,433	0,069	0,284
CHR3	2222911	CHR3:2222911	SSF x Near_LoA	-6,575	-0,016	0,287
CHR3	2223307	CHR3:2223307	SSF x Near_LoA	-7,058	-0,065	0,264
CHR3	2223391	CHR3:2223391	SSF x Near_LoA	-7,700	-0,087	0,280
CHR3	2223396	CHR3:2223396	SSF x Near_LoA	-10,500	-0,016	0,278

CHR3	2226977	CHR3:2226977	SSF x Near_LoA	-9,290	0,016	0,289
CHR3	2227205	CHR3:2227205	SSF x Near_LoA	-8,133	-0,045	0,281
CHR3	2251710	CHR3:2251710	SSF x Near_LoA	-6,850	0,174	0,280
CHR3	2251824	CHR3:2251824	SSF x Near_LoA	-7,550	0,019	0,279
CHR3	2251841	CHR3:2251841	SSF x Near_LoA	-7,327	-0,008	0,280
CHR3	2251842	CHR3:2251842	SSF x Near_LoA	-7,356	0,004	0,291
CHR3	2251871	CHR3:2251871	SSF x Near_LoA	-4,047	-0,027	0,289
CHR3	2251886	CHR3:2251886	SSF x Near_LoA	-6,270	-0,082	0,286
CHR3	2251898	CHR3:2251898	SSF x Near_LoA	-5,882	-0,158	0,288
CHR3	2284910	CHR3:2284910	SSF x Near_LoA	-9,905	0,060	0,299
CHR3	2285005	CHR3:2285005	SSF x Near_LoA	-7,922	0,035	0,282
CHR3	2285020	CHR3:2285020	SSF x Near_LoA	-7,114	0,092	0,283
CHR3	2285076	CHR3:2285076	SSF x Near_LoA	-8,354	0,117	0,271
CHR3	2285165	CHR3:2285165	SSF x Near_LoA	-8,109	0,073	0,284
CHR3	2329484	CHR3:2329484	SSF x Near_LoA	-8,599	-0,055	0,289
CHR3	2329568	CHR3:2329568	SSF x Near_LoA	-10,589	0,031	0,275
CHR3	2329812	CHR3:2329812	SSF x Near_LoA	-7,874	-0,004	0,299
CHR3	2336160	CHR3:2336160	SSF x Near_LoA	-8,828	-0,070	0,276
CHR3	2336185	CHR3:2336185	SSF x Near_LoA	-7,928	0,035	0,282
CHR3	2336301	CHR3:2336301	SSF x Near_LoA	-1,852	-0,237	0,271
CHR3	2358709	CHR3:2358709	SSF x Near_LoA	-3,130	0,222	0,274
CHR3	2358766	CHR3:2358766	SSF x Near_LoA	-9,085	-0,005	0,279
CHR3	2358794	CHR3:2358794	SSF x Near_LoA	-6,034	-0,065	0,280
CHR3	2358812	CHR3:2358812	SSF x Near_LoA	-6,723	-0,149	0,278
CHR3	2358915	CHR3:2358915	SSF x Near_LoA	-5,525	-0,174	0,275
CHR3	2359018	CHR3:2359018	SSF x Near_LoA	-7,776	-0,004	0,283
CHR3	2376689	CHR3:2376689	SSF x Near_LoA	-9,652	0,034	0,286
CHR3	2376819	CHR3:2376819	SSF x Near_LoA	-7,466	0,140	0,297
CHR3	2376972	CHR3:2376972	SSF x Near_LoA	-7,486	-0,068	0,293
CHR3	2376985	CHR3:2376985	SSF x Near_LoA	-7,881	0,045	0,285
CHR3	2377046	CHR3:2377046	SSF x Near_LoA	-8,055	-0,172	0,273
CHR3	2403724	CHR3:2403724	SSF x Near_LoA	-5,905	0,042	0,306
CHR3	2403784	CHR3:2403784	SSF x Near_LoA	-7,531	0,110	0,288
CHR3	2423702	CHR3:2423702	SSF x Near_LoA	-7,263	0,027	0,289
CHR3	2423887	CHR3:2423887	SSF x Near_LoA	-6,706	-0,146	0,275
CHR3	2424023	CHR3:2424023	SSF x Near_LoA	-3,540	-0,222	0,255
CHR3	2458073	CHR3:2458073	SSF x Near_LoA	-9,781	0,029	0,293
CHR3	2458120	CHR3:2458120	SSF x Near_LoA	-6,464	0,030	0,291
CHR3	2458131	CHR3:2458131	SSF x Near_LoA	-7,197	0,152	0,283
CHR3	2458176	CHR3:2458176	SSF x Near_LoA	-6,495	0,077	0,292
CHR3	2477538	CHR3:2477538	SSF x Near_LoA	-8,641	-0,176	0,289
CHR3	2489464	CHR3:2489464	SSF x Near_LoA	-9,751	0,041	0,292
CHR3	2489515	CHR3:2489515	SSF x Near_LoA	-7,837	-0,098	0,283
CHR3	2493855	CHR3:2493855	SSF x Near_LoA	-9,523	0,064	0,276
CHR3	2493873	CHR3:2493873	SSF x Near_LoA	-5,848	0,050	0,279
CHR3	2511839	CHR3:2511839	SSF x Near_LoA	-9,687	-0,021	0,282
CHR3	2512156	CHR3:2512156	SSF x Near_LoA	-9,318	0,135	0,284
CHR3	2518267	CHR3:2518267	SSF x Near_LoA	-6,450	0,149	0,284
CHR3	2538325	CHR3:2538325	SSF x Near_LoA	-6,867	0,028	0,295
CHR3	2553902	CHR3:2553902	SSF x Near_LoA	-5,373	-0,256	0,267
CHR3	2553917	CHR3:2553917	SSF x Near_LoA	-4,820	-0,245	0,276
CHR3	2563183	CHR3:2563183	SSF x Near_LoA	-6,872	-0,119	0,290
CHR3	2563237	CHR3:2563237	SSF x Near_LoA	-4,066	-0,106	0,289

CHR3	2563259	CHR3:2563259	SSF x Near_LoA	-6,573	0,019	0,282
CHR3	2563260	CHR3:2563260	SSF x Near_LoA	-7,898	0,041	0,279
CHR3	2570254	CHR3:2570254	SSF x Near_LoA	-7,831	-0,123	0,287
CHR3	2570295	CHR3:2570295	SSF x Near_LoA	-6,854	0,058	0,285
CHR3	2570306	CHR3:2570306	SSF x Near_LoA	-9,823	-0,040	0,292
CHR3	2570322	CHR3:2570322	SSF x Near_LoA	-8,280	-0,059	0,297
CHR3	2570436	CHR3:2570436	SSF x Near_LoA	-8,738	-0,048	0,292
CHR3	2570455	CHR3:2570455	SSF x Near_LoA	-10,266	0,031	0,279
CHR3	2578195	CHR3:2578195	SSF x Near_LoA	-5,120	-0,135	0,288
CHR3	2578266	CHR3:2578266	SSF x Near_LoA	-9,690	0,099	0,284
CHR3	2578317	CHR3:2578317	SSF x Near_LoA	-7,847	0,052	0,282
CHR3	2578333	CHR3:2578333	SSF x Near_LoA	-5,831	-0,076	0,296
CHR3	2578334	CHR3:2578334	SSF x Near_LoA	-8,721	-0,120	0,290
CHR3	2606237	CHR3:2606237	SSF x Near_LoA	-8,365	0,006	0,287
CHR3	2629261	CHR3:2629261	SSF x Near_LoA	-10,304	0,049	0,279
CHR3	2629368	CHR3:2629368	SSF x Near_LoA	-8,844	0,144	0,273
CHR3	2629389	CHR3:2629389	SSF x Near_LoA	-5,377	0,118	0,285
CHR3	2640121	CHR3:2640121	SSF x Near_LoA	-7,039	-0,038	0,281
CHR3	2643872	CHR3:2643872	SSF x Near_LoA	-8,457	0,057	0,292
CHR3	2663072	CHR3:2663072	SSF x Near_LoA	-10,575	-0,040	0,281
CHR3	2663076	CHR3:2663076	SSF x Near_LoA	-8,164	0,171	0,282
CHR3	2663122	CHR3:2663122	SSF x Near_LoA	-10,277	0,083	0,277
CHR3	2663138	CHR3:2663138	SSF x Near_LoA	-7,226	-0,154	0,283
CHR3	2663328	CHR3:2663328	SSF x Near_LoA	-6,937	0,127	0,298
CHR3	2663346	CHR3:2663346	SSF x Near_LoA	-4,906	0,210	0,280
CHR3	2672581	CHR3:2672581	SSF x Near_LoA	-8,615	-0,102	0,286
CHR3	2672608	CHR3:2672608	SSF x Near_LoA	-7,347	-0,137	0,300
CHR3	2672649	CHR3:2672649	SSF x Near_LoA	-8,180	-0,016	0,301
CHR3	2672772	CHR3:2672772	SSF x Near_LoA	-7,805	0,140	0,277
CHR3	2672883	CHR3:2672883	SSF x Near_LoA	-10,222	-0,045	0,281
CHR3	2680319	CHR3:2680319	SSF x Near_LoA	-7,423	0,080	0,297
CHR3	2680357	CHR3:2680357	SSF x Near_LoA	-6,967	0,064	0,295
CHR3	2680421	CHR3:2680421	SSF x Near_LoA	-5,952	0,107	0,300
CHR3	2683756	CHR3:2683756	SSF x Near_LoA	-8,452	0,037	0,291
CHR3	2683820	CHR3:2683820	SSF x Near_LoA	-4,214	0,160	0,284
CHR3	2683877	CHR3:2683877	SSF x Near_LoA	1,724	0,176	0,284
CHR3	2691713	CHR3:2691713	SSF x Near_LoA	-10,679	0,011	0,298
CHR3	2700339	CHR3:2700339	SSF x Near_LoA	-9,083	-0,009	0,274
CHR3	2700340	CHR3:2700340	SSF x Near_LoA	-10,155	0,012	0,292
CHR3	2700379	CHR3:2700379	SSF x Near_LoA	-5,141	-0,099	0,290
CHR3	2700480	CHR3:2700480	SSF x Near_LoA	-2,061	-0,186	0,279
CHR3	2700488	CHR3:2700488	SSF x Near_LoA	-6,595	0,036	0,276
CHR3	2700496	CHR3:2700496	SSF x Near_LoA	-8,328	0,037	0,287
CHR3	2700563	CHR3:2700563	SSF x Near_LoA	5,142	-0,097	0,290
CHR3	2700628	CHR3:2700628	SSF x Near_LoA	-6,592	-0,022	0,299
CHR3	2700629	CHR3:2700629	SSF x Near_LoA	-8,093	-0,064	0,280
CHR3	2700709	CHR3:2700709	SSF x Near_LoA	-9,607	0,044	0,279
CHR3	2708236	CHR3:2708236	SSF x Near_LoA	-7,626	0,066	0,292
CHR3	2708261	CHR3:2708261	SSF x Near_LoA	-6,526	-0,047	0,288
CHR3	2708264	CHR3:2708264	SSF x Near_LoA	-3,802	0,084	0,290
CHR3	2708309	CHR3:2708309	SSF x Near_LoA	-9,603	-0,056	0,282
CHR3	2708311	CHR3:2708311	SSF x Near_LoA	-7,900	0,006	0,274
CHR3	2708455	CHR3:2708455	SSF x Near_LoA	-8,125	-0,045	0,277

CHR3	2708495	CHR3:2708495	SSF x Near_LoA	-9,046	-0,063	0,274
CHR3	2719849	CHR3:2719849	SSF x Near_LoA	-6,057	0,149	0,259
CHR3	2719908	CHR3:2719908	SSF x Near_LoA	-10,216	-0,034	0,281
CHR3	2719918	CHR3:2719918	SSF x Near_LoA	-4,675	0,087	0,279
CHR3	2719931	CHR3:2719931	SSF x Near_LoA	-9,637	0,046	0,290
CHR3	2719994	CHR3:2719994	SSF x Near_LoA	-7,811	0,015	0,300
CHR3	2742883	CHR3:2742883	SSF x Near_LoA	-8,329	-0,053	0,284
CHR3	2743081	CHR3:2743081	SSF x Near_LoA	-6,919	-0,115	0,287
CHR3	2767150	CHR3:2767150	SSF x Near_LoA	-10,680	0,072	0,270
CHR3	2767441	CHR3:2767441	SSF x Near_LoA	-10,185	0,073	0,284
CHR3	2771106	CHR3:2771106	SSF x Near_LoA	-6,517	-0,094	0,292
CHR3	2771149	CHR3:2771149	SSF x Near_LoA	-8,642	-0,029	0,297
CHR3	2771196	CHR3:2771196	SSF x Near_LoA	-6,798	0,058	0,288
CHR3	2771205	CHR3:2771205	SSF x Near_LoA	-7,625	0,033	0,280
CHR3	2771277	CHR3:2771277	SSF x Near_LoA	-5,460	-0,141	0,276
CHR3	2771331	CHR3:2771331	SSF x Near_LoA	-4,608	-0,152	0,257
CHR3	2774294	CHR3:2774294	SSF x Near_LoA	-7,183	-0,137	0,284
CHR3	2776579	CHR3:2776579	SSF x Near_LoA	-9,447	0,024	0,277
CHR3	2776580	CHR3:2776580	SSF x Near_LoA	-10,007	-0,010	0,288
CHR3	2776720	CHR3:2776720	SSF x Near_LoA	-7,718	0,055	0,289
CHR3	2776736	CHR3:2776736	SSF x Near_LoA	-7,396	0,052	0,284
CHR3	2808638	CHR3:2808638	SSF x Near_LoA	-10,491	0,024	0,288
CHR3	2809570	CHR3:2809570	SSF x Near_LoA	-9,041	0,120	0,270
CHR3	2813823	CHR3:2813823	SSF x Near_LoA	-7,204	0,054	0,302
CHR3	2825489	CHR3:2825489	SSF x Near_LoA	-7,824	0,009	0,297
CHR3	2825653	CHR3:2825653	SSF x Near_LoA	-8,284	-0,087	0,292
CHR3	2827008	CHR3:2827008	SSF x Near_LoA	-7,225	0,038	0,291
CHR3	2854443	CHR3:2854443	SSF x Near_LoA	-4,948	-0,091	0,291
CHR3	2854518	CHR3:2854518	SSF x Near_LoA	-7,031	-0,014	0,286
CHR3	2854553	CHR3:2854553	SSF x Near_LoA	-9,573	0,050	0,293
CHR3	2854589	CHR3:2854589	SSF x Near_LoA	-3,101	-0,002	0,276
CHR3	2854626	CHR3:2854626	SSF x Near_LoA	-7,213	0,022	0,273
CHR3	2854636	CHR3:2854636	SSF x Near_LoA	-9,529	-0,002	0,296
CHR3	2854643	CHR3:2854643	SSF x Near_LoA	-10,414	0,006	0,290
CHR3	2854660	CHR3:2854660	SSF x Near_LoA	-7,940	0,121	0,276
CHR3	2861056	CHR3:2861056	SSF x Near_LoA	-6,740	-0,150	0,284
CHR3	2861057	CHR3:2861057	SSF x Near_LoA	-8,431	0,108	0,284
CHR3	2861228	CHR3:2861228	SSF x Near_LoA	-7,876	-0,004	0,291
CHR3	2861230	CHR3:2861230	SSF x Near_LoA	-7,661	-0,023	0,304
CHR3	2861252	CHR3:2861252	SSF x Near_LoA	-8,203	0,036	0,282
CHR3	2861266	CHR3:2861266	SSF x Near_LoA	-8,565	0,035	0,285
CHR3	2861280	CHR3:2861280	SSF x Near_LoA	-8,986	0,040	0,288
CHR3	2861318	CHR3:2861318	SSF x Near_LoA	-7,545	0,013	0,287
CHR3	2861387	CHR3:2861387	SSF x Near_LoA	-8,613	0,032	0,289
CHR3	2861401	CHR3:2861401	SSF x Near_LoA	-6,698	-0,026	0,295
CHR3	2866769	CHR3:2866769	SSF x Near_LoA	-6,679	0,204	0,276
CHR3	2866823	CHR3:2866823	SSF x Near_LoA	2,375	0,340	0,245
CHR3	2866887	CHR3:2866887	SSF x Near_LoA	-3,316	0,285	0,264
CHR3	2866909	CHR3:2866909	SSF x Near_LoA	-8,613	0,125	0,290
CHR3	2866965	CHR3:2866965	SSF x Near_LoA	-2,923	0,303	0,247
CHR3	2867049	CHR3:2867049	SSF x Near_LoA	-8,987	-0,032	0,285
CHR3	2872289	CHR3:2872289	SSF x Near_LoA	1,409	-0,241	0,267
CHR3	2872300	CHR3:2872300	SSF x Near_LoA	-3,509	-0,250	0,275

CHR3	2872323	CHR3:2872323	SSF x Near_LoA	-5,657	0,161	0,284
CHR3	2872341	CHR3:2872341	SSF x Near_LoA	-4,786	-0,219	0,285
CHR3	2872353	CHR3:2872353	SSF x Near_LoA	-9,056	-0,078	0,284
CHR3	2872804	CHR3:2872804	SSF x Near_LoA	-8,953	-0,005	0,293
CHR3	2881787	CHR3:2881787	SSF x Near_LoA	-6,853	0,125	0,280
CHR3	2896737	CHR3:2896737	SSF x Near_LoA	-7,046	0,045	0,288
CHR3	2896773	CHR3:2896773	SSF x Near_LoA	-10,111	0,106	0,288
CHR3	2896869	CHR3:2896869	SSF x Near_LoA	-7,147	-0,078	0,294
CHR3	2897939	CHR3:2897939	SSF x Near_LoA	-8,204	0,144	0,282
CHR3	2897957	CHR3:2897957	SSF x Near_LoA	-8,754	0,105	0,291
CHR3	2897973	CHR3:2897973	SSF x Near_LoA	-8,302	-0,148	0,283
CHR3	2897992	CHR3:2897992	SSF x Near_LoA	-6,727	-0,155	0,288
CHR3	2897996	CHR3:2897996	SSF x Near_LoA	5,218	0,241	0,264
CHR3	2898018	CHR3:2898018	SSF x Near_LoA	-6,961	-0,141	0,296
CHR3	2900443	CHR3:2900443	SSF x Near_LoA	-4,944	-0,060	0,287
CHR3	2904589	CHR3:2904589	SSF x Near_LoA	-0,609	-0,213	0,273
CHR3	2904597	CHR3:2904597	SSF x Near_LoA	-8,326	0,111	0,275
CHR3	2912714	CHR3:2912714	SSF x Near_LoA	-7,214	0,110	0,291
CHR3	2912749	CHR3:2912749	SSF x Near_LoA	-8,746	0,086	0,294
CHR3	2912754	CHR3:2912754	SSF x Near_LoA	-6,682	0,155	0,290
CHR3	2913064	CHR3:2913064	SSF x Near_LoA	-8,432	-0,057	0,288
CHR3	2913081	CHR3:2913081	SSF x Near_LoA	-7,425	0,152	0,273
CHR3	2922428	CHR3:2922428	SSF x Near_LoA	-9,678	-0,135	0,289
CHR3	2922670	CHR3:2922670	SSF x Near_LoA	-8,520	-0,018	0,290
CHR3	2924274	CHR3:2924274	SSF x Near_LoA	-5,833	0,104	0,289
CHR3	2931304	CHR3:2931304	SSF x Near_LoA	-9,234	-0,028	0,277
CHR3	2931345	CHR3:2931345	SSF x Near_LoA	-8,441	-0,078	0,287
CHR3	2931408	CHR3:2931408	SSF x Near_LoA	-7,593	0,065	0,296
CHR3	2931498	CHR3:2931498	SSF x Near_LoA	-7,500	-0,028	0,293
CHR3	2934005	CHR3:2934005	SSF x Near_LoA	-7,927	-0,023	0,288
CHR3	2938367	CHR3:2938367	SSF x Near_LoA	-6,625	0,072	0,289
CHR3	2938382	CHR3:2938382	SSF x Near_LoA	-6,367	0,083	0,278
CHR3	2952142	CHR3:2952142	SSF x Near_LoA	-9,157	-0,054	0,281
CHR3	2970753	CHR3:2970753	SSF x Near_LoA	-8,763	-0,110	0,297
CHR3	2970805	CHR3:2970805	SSF x Near_LoA	-4,663	-0,111	0,278
CHR3	2970820	CHR3:2970820	SSF x Near_LoA	-8,323	-0,113	0,282
CHR3	2970885	CHR3:2970885	SSF x Near_LoA	-6,692	-0,169	0,274
CHR3	2971052	CHR3:2971052	SSF x Near_LoA	-4,255	0,165	0,285
CHR3	3008561	CHR3:3008561	SSF x Near_LoA	-8,911	0,080	0,295
CHR3	3043719	CHR3:3043719	SSF x Near_LoA	-8,338	0,100	0,289
CHR3	3043942	CHR3:3043942	SSF x Near_LoA	-5,231	0,148	0,280
CHR3	3044004	CHR3:3044004	SSF x Near_LoA	-8,946	0,074	0,297
CHR3	3057514	CHR3:3057514	SSF x Near_LoA	-3,416	0,002	0,298
CHR3	3061314	CHR3:3061314	SSF x Near_LoA	-9,019	-0,053	0,291
CHR3	3061323	CHR3:3061323	SSF x Near_LoA	-9,247	0,084	0,286
CHR3	3061359	CHR3:3061359	SSF x Near_LoA	-10,368	-0,038	0,284
CHR3	3061364	CHR3:3061364	SSF x Near_LoA	-9,229	-0,030	0,289
CHR3	3061416	CHR3:3061416	SSF x Near_LoA	-7,941	-0,056	0,297
CHR3	3061429	CHR3:3061429	SSF x Near_LoA	-6,584	-0,050	0,304
CHR3	3061430	CHR3:3061430	SSF x Near_LoA	-8,027	-0,028	0,303
CHR3	3061450	CHR3:3061450	SSF x Near_LoA	-7,615	-0,026	0,285
CHR3	3061481	CHR3:3061481	SSF x Near_LoA	-9,777	-0,059	0,307
CHR3	3061535	CHR3:3061535	SSF x Near_LoA	-5,849	0,139	0,277

CHR3	3072885	CHR3:3072885	SSF x Near_LoA	-8,116	0,061	0,280
CHR3	3072918	CHR3:3072918	SSF x Near_LoA	-8,640	-0,129	0,288
CHR3	3073033	CHR3:3073033	SSF x Near_LoA	-8,199	-0,098	0,280
CHR3	3077781	CHR3:3077781	SSF x Near_LoA	-9,333	0,064	0,291
CHR3	3077803	CHR3:3077803	SSF x Near_LoA	-8,736	-0,011	0,281
CHR3	3098460	CHR3:3098460	SSF x Near_LoA	-8,234	0,013	0,287
CHR3	3098498	CHR3:3098498	SSF x Near_LoA	-8,458	0,051	0,285
CHR3	3098535	CHR3:3098535	SSF x Near_LoA	-11,338	0,061	0,288
CHR3	3098599	CHR3:3098599	SSF x Near_LoA	-9,280	0,074	0,279
CHR3	3103675	CHR3:3103675	SSF x Near_LoA	-9,687	-0,043	0,280
CHR3	3110069	CHR3:3110069	SSF x Near_LoA	-7,857	-0,074	0,285
CHR3	3110075	CHR3:3110075	SSF x Near_LoA	-11,183	-0,103	0,274
CHR3	3115318	CHR3:3115318	SSF x Near_LoA	-10,133	-0,075	0,285
CHR3	3115439	CHR3:3115439	SSF x Near_LoA	-9,526	0,057	0,288
CHR3	3115669	CHR3:3115669	SSF x Near_LoA	-7,530	-0,077	0,282
CHR3	3120850	CHR3:3120850	SSF x Near_LoA	-8,676	-0,162	0,283
CHR3	3121023	CHR3:3121023	SSF x Near_LoA	-10,171	0,110	0,281
CHR3	3121157	CHR3:3121157	SSF x Near_LoA	-9,616	0,023	0,301
CHR3	3126518	CHR3:3126518	SSF x Near_LoA	-4,570	0,197	0,279
CHR3	3126558	CHR3:3126558	SSF x Near_LoA	-4,707	-0,043	0,295
CHR3	3126576	CHR3:3126576	SSF x Near_LoA	-7,329	0,074	0,292
CHR3	3126920	CHR3:3126920	SSF x Near_LoA	-6,092	-0,062	0,286
CHR3	3130552	CHR3:3130552	SSF x Near_LoA	-7,274	-0,028	0,285
CHR3	3130589	CHR3:3130589	SSF x Near_LoA	-8,259	-0,030	0,288
CHR3	3130825	CHR3:3130825	SSF x Near_LoA	-4,383	0,124	0,292
CHR3	3139226	CHR3:3139226	SSF x Near_LoA	-9,735	-0,066	0,288
CHR3	3144838	CHR3:3144838	SSF x Near_LoA	-8,509	-0,044	0,274
CHR3	3144988	CHR3:3144988	SSF x Near_LoA	-9,829	0,046	0,285
CHR3	3144990	CHR3:3144990	SSF x Near_LoA	-6,307	-0,011	0,276
CHR3	3144999	CHR3:3144999	SSF x Near_LoA	-8,462	-0,023	0,280
CHR3	3145011	CHR3:3145011	SSF x Near_LoA	-7,516	-0,021	0,303
CHR3	3145115	CHR3:3145115	SSF x Near_LoA	-10,266	0,080	0,287
CHR3	3152294	CHR3:3152294	SSF x Near_LoA	-7,451	0,089	0,294
CHR3	3152370	CHR3:3152370	SSF x Near_LoA	-6,589	-0,104	0,289
CHR3	3158142	CHR3:3158142	SSF x Near_LoA	-7,743	0,096	0,265
CHR3	3158143	CHR3:3158143	SSF x Near_LoA	-8,977	-0,070	0,293
CHR3	3158146	CHR3:3158146	SSF x Near_LoA	-2,472	0,124	0,263
CHR3	3158279	CHR3:3158279	SSF x Near_LoA	-8,035	0,019	0,280
CHR3	3158297	CHR3:3158297	SSF x Near_LoA	-11,910	0,065	0,274
CHR3	3158320	CHR3:3158320	SSF x Near_LoA	-4,372	0,012	0,284
CHR3	3158343	CHR3:3158343	SSF x Near_LoA	-1,924	0,131	0,277
CHR3	3158346	CHR3:3158346	SSF x Near_LoA	-6,822	0,133	0,284
CHR3	3158349	CHR3:3158349	SSF x Near_LoA	-6,619	0,152	0,291
CHR3	3176878	CHR3:3176878	SSF x Near_LoA	-4,393	-0,056	0,275
CHR3	3177066	CHR3:3177066	SSF x Near_LoA	-8,747	0,119	0,279
CHR3	3194685	CHR3:3194685	SSF x Near_LoA	-8,281	0,043	0,297
CHR3	3194715	CHR3:3194715	SSF x Near_LoA	-6,276	-0,051	0,290
CHR3	3201905	CHR3:3201905	SSF x Near_LoA	-8,697	0,075	0,275
CHR3	3201916	CHR3:3201916	SSF x Near_LoA	-7,135	0,075	0,289
CHR3	3210756	CHR3:3210756	SSF x Near_LoA	-6,932	0,089	0,281
CHR3	3221429	CHR3:3221429	SSF x Near_LoA	-8,534	-0,055	0,279
CHR3	3223347	CHR3:3223347	SSF x Near_LoA	-6,930	0,068	0,289
CHR3	3223395	CHR3:3223395	SSF x Near_LoA	-9,463	0,127	0,278

CHR3	3223438	CHR3:3223438	SSF x Near_LoA	-7,287	-0,007	0,291
CHR3	3223441	CHR3:3223441	SSF x Near_LoA	-8,140	-0,002	0,276
CHR3	3223731	CHR3:3223731	SSF x Near_LoA	-1,364	0,212	0,270
CHR3	3223831	CHR3:3223831	SSF x Near_LoA	0,253	0,212	0,278
CHR3	3223844	CHR3:3223844	SSF x Near_LoA	-6,148	0,186	0,267
CHR3	3253684	CHR3:3253684	SSF x Near_LoA	-8,073	0,122	0,289
CHR3	3265986	CHR3:3265986	SSF x Near_LoA	-8,252	0,083	0,283
CHR3	3266207	CHR3:3266207	SSF x Near_LoA	-8,349	-0,034	0,291
CHR3	3266272	CHR3:3266272	SSF x Near_LoA	-8,168	0,079	0,288
CHR3	3276047	CHR3:3276047	SSF x Near_LoA	-7,268	0,059	0,287
CHR3	3276057	CHR3:3276057	SSF x Near_LoA	-9,094	-0,066	0,295
CHR3	3280867	CHR3:3280867	SSF x Near_LoA	-10,190	0,029	0,294
CHR3	3280906	CHR3:3280906	SSF x Near_LoA	-7,706	0,024	0,302
CHR3	3281148	CHR3:3281148	SSF x Near_LoA	-9,043	0,069	0,284
CHR3	3281170	CHR3:3281170	SSF x Near_LoA	-7,926	0,126	0,289
CHR3	3281174	CHR3:3281174	SSF x Near_LoA	-8,829	0,126	0,287
CHR3	3285769	CHR3:3285769	SSF x Near_LoA	-8,337	0,140	0,296
CHR3	3285916	CHR3:3285916	SSF x Near_LoA	-9,000	-0,073	0,277
CHR3	3285951	CHR3:3285951	SSF x Near_LoA	-7,779	0,067	0,283
CHR3	3286004	CHR3:3286004	SSF x Near_LoA	-7,065	0,095	0,295
CHR3	3287981	CHR3:3287981	SSF x Near_LoA	-8,649	0,158	0,264
CHR3	3296646	CHR3:3296646	SSF x Near_LoA	-7,952	-0,033	0,288
CHR3	3296682	CHR3:3296682	SSF x Near_LoA	-7,696	0,116	0,282
CHR3	3296750	CHR3:3296750	SSF x Near_LoA	-4,648	0,189	0,290
CHR3	3298742	CHR3:3298742	SSF x Near_LoA	-8,269	-0,078	0,292
CHR3	3298783	CHR3:3298783	SSF x Near_LoA	-9,316	0,077	0,282
CHR3	3298821	CHR3:3298821	SSF x Near_LoA	-6,896	-0,133	0,297
CHR3	3298912	CHR3:3298912	SSF x Near_LoA	-8,340	-0,066	0,295
CHR3	3298919	CHR3:3298919	SSF x Near_LoA	-8,160	-0,021	0,262
CHR3	3298920	CHR3:3298920	SSF x Near_LoA	-8,242	-0,034	0,267
CHR3	3301772	CHR3:3301772	SSF x Near_LoA	-7,697	0,034	0,299
CHR3	3301960	CHR3:3301960	SSF x Near_LoA	-6,529	-0,048	0,299
CHR3	3301963	CHR3:3301963	SSF x Near_LoA	-10,384	-0,050	0,296
CHR3	3301985	CHR3:3301985	SSF x Near_LoA	-8,305	-0,032	0,297
CHR3	3303282	CHR3:3303282	SSF x Near_LoA	-7,559	-0,076	0,296
CHR3	3312802	CHR3:3312802	SSF x Near_LoA	-8,208	0,069	0,287
CHR3	3312826	CHR3:3312826	SSF x Near_LoA	-7,565	0,012	0,307
CHR3	3312834	CHR3:3312834	SSF x Near_LoA	-8,469	0,108	0,289
CHR3	3312843	CHR3:3312843	SSF x Near_LoA	4,260	-0,221	0,276
CHR3	3312850	CHR3:3312850	SSF x Near_LoA	-9,807	0,098	0,272
CHR3	3319384	CHR3:3319384	SSF x Near_LoA	-2,323	-0,163	0,261
CHR3	3319385	CHR3:3319385	SSF x Near_LoA	-4,486	-0,146	0,270
CHR3	3326704	CHR3:3326704	SSF x Near_LoA	-7,866	-0,043	0,296
CHR3	3326705	CHR3:3326705	SSF x Near_LoA	-4,953	-0,224	0,270
CHR3	3326934	CHR3:3326934	SSF x Near_LoA	-8,563	-0,036	0,276
CHR3	3328567	CHR3:3328567	SSF x Near_LoA	-7,404	-0,042	0,290
CHR3	3332142	CHR3:3332142	SSF x Near_LoA	-8,534	0,053	0,287
CHR3	3332170	CHR3:3332170	SSF x Near_LoA	-8,832	0,080	0,281
CHR3	3332309	CHR3:3332309	SSF x Near_LoA	-7,204	0,001	0,294
CHR3	3338558	CHR3:3338558	SSF x Near_LoA	-4,463	0,238	0,260
CHR3	3338635	CHR3:3338635	SSF x Near_LoA	-7,109	-0,062	0,293
CHR3	3338669	CHR3:3338669	SSF x Near_LoA	-9,874	-0,015	0,282
CHR3	3339556	CHR3:3339556	SSF x Near_LoA	-8,584	-0,002	0,305

CHR3	3362423	CHR3:3362423	SSF x Near_LoA	-7,585	0,057	0,285
CHR3	3362524	CHR3:3362524	SSF x Near_LoA	-8,680	-0,102	0,273
CHR3	3362725	CHR3:3362725	SSF x Near_LoA	-7,438	-0,047	0,289
CHR3	3362745	CHR3:3362745	SSF x Near_LoA	-7,646	0,057	0,293
CHR3	3367187	CHR3:3367187	SSF x Near_LoA	-8,876	0,025	0,301
CHR3	3367273	CHR3:3367273	SSF x Near_LoA	-7,578	0,042	0,286
CHR3	3367367	CHR3:3367367	SSF x Near_LoA	-8,262	-0,026	0,282
CHR3	3389548	CHR3:3389548	SSF x Near_LoA	-2,951	0,064	0,279
CHR3	3389614	CHR3:3389614	SSF x Near_LoA	-7,365	-0,174	0,263
CHR3	3389619	CHR3:3389619	SSF x Near_LoA	-8,665	-0,068	0,286
CHR3	3392723	CHR3:3392723	SSF x Near_LoA	-7,783	0,086	0,276
CHR3	3392725	CHR3:3392725	SSF x Near_LoA	-7,097	-0,004	0,292
CHR3	3392820	CHR3:3392820	SSF x Near_LoA	-6,500	0,079	0,283
CHR3	3406269	CHR3:3406269	SSF x Near_LoA	-6,868	0,159	0,280
CHR3	3406271	CHR3:3406271	SSF x Near_LoA	-5,598	-0,080	0,274
CHR3	3412400	CHR3:3412400	SSF x Near_LoA	-7,549	0,064	0,291
CHR3	3412641	CHR3:3412641	SSF x Near_LoA	-9,129	0,022	0,286
CHR3	3416848	CHR3:3416848	SSF x Near_LoA	-10,282	-0,052	0,286
CHR3	3416899	CHR3:3416899	SSF x Near_LoA	-8,599	0,018	0,282
CHR3	3419920	CHR3:3419920	SSF x Near_LoA	-8,020	-0,011	0,298
CHR3	3419962	CHR3:3419962	SSF x Near_LoA	-8,125	-0,011	0,291
CHR3	3420043	CHR3:3420043	SSF x Near_LoA	-8,228	0,063	0,287
CHR3	3420130	CHR3:3420130	SSF x Near_LoA	-8,224	0,083	0,292
CHR3	3420151	CHR3:3420151	SSF x Near_LoA	-8,464	0,066	0,285
CHR3	3420187	CHR3:3420187	SSF x Near_LoA	-6,456	0,139	0,288
CHR3	3420228	CHR3:3420228	SSF x Near_LoA	-7,174	0,063	0,296
CHR3	345376	CHR3:345376	SSF x Near_LoA	-7,418	-0,059	0,278
CHR3	345380	CHR3:345380	SSF x Near_LoA	-4,565	0,119	0,264
CHR3	3463571	CHR3:3463571	SSF x Near_LoA	-7,494	-0,044	0,274
CHR3	3470452	CHR3:3470452	SSF x Near_LoA	-8,646	0,021	0,307
CHR3	3470474	CHR3:3470474	SSF x Near_LoA	-10,795	0,027	0,291
CHR3	3470505	CHR3:3470505	SSF x Near_LoA	-5,123	0,096	0,282
CHR3	3470574	CHR3:3470574	SSF x Near_LoA	-6,678	-0,139	0,277
CHR3	3475007	CHR3:3475007	SSF x Near_LoA	-8,060	0,162	0,272
CHR3	3475049	CHR3:3475049	SSF x Near_LoA	-8,607	-0,074	0,282
CHR3	3477919	CHR3:3477919	SSF x Near_LoA	-9,538	-0,019	0,294
CHR3	3477981	CHR3:3477981	SSF x Near_LoA	1,512	-0,181	0,283
CHR3	3478201	CHR3:3478201	SSF x Near_LoA	-7,658	-0,015	0,292
CHR3	3478237	CHR3:3478237	SSF x Near_LoA	-6,105	0,132	0,284
CHR3	3478304	CHR3:3478304	SSF x Near_LoA	-9,332	-0,018	0,292
CHR3	3483932	CHR3:3483932	SSF x Near_LoA	-6,248	-0,126	0,271
CHR3	3484046	CHR3:3484046	SSF x Near_LoA	-7,304	0,042	0,285
CHR3	3484100	CHR3:3484100	SSF x Near_LoA	-2,162	-0,169	0,291
CHR3	3486075	CHR3:3486075	SSF x Near_LoA	-5,997	0,206	0,276
CHR3	3486085	CHR3:3486085	SSF x Near_LoA	-8,196	0,075	0,291
CHR3	3486204	CHR3:3486204	SSF x Near_LoA	-5,581	0,175	0,273
CHR3	3495586	CHR3:3495586	SSF x Near_LoA	-10,716	0,062	0,296
CHR3	3495692	CHR3:3495692	SSF x Near_LoA	-10,148	-0,040	0,286
CHR3	3510525	CHR3:3510525	SSF x Near_LoA	-4,298	0,216	0,253
CHR3	3510536	CHR3:3510536	SSF x Near_LoA	-9,357	-0,003	0,278
CHR3	3510576	CHR3:3510576	SSF x Near_LoA	-5,998	0,008	0,282
CHR3	3510583	CHR3:3510583	SSF x Near_LoA	-7,515	0,018	0,280
CHR3	3510712	CHR3:3510712	SSF x Near_LoA	-10,134	-0,003	0,281

CHR3	3543090	CHR3:3543090	SSF x Near_LoA	-8,040	-0,102	0,271
CHR3	3552546	CHR3:3552546	SSF x Near_LoA	-10,143	-0,002	0,284
CHR3	3552550	CHR3:3552550	SSF x Near_LoA	-7,887	0,063	0,298
CHR3	3552567	CHR3:3552567	SSF x Near_LoA	-9,225	-0,025	0,295
CHR3	3558473	CHR3:3558473	SSF x Near_LoA	0,816	0,239	0,272
CHR3	3558796	CHR3:3558796	SSF x Near_LoA	-6,298	0,093	0,286
CHR3	3558828	CHR3:3558828	SSF x Near_LoA	-3,377	0,057	0,285
CHR3	3567779	CHR3:3567779	SSF x Near_LoA	-6,633	0,193	0,295
CHR3	3567804	CHR3:3567804	SSF x Near_LoA	-7,687	-0,151	0,289
CHR3	3567826	CHR3:3567826	SSF x Near_LoA	-7,457	0,125	0,282
CHR3	3567835	CHR3:3567835	SSF x Near_LoA	-3,045	0,199	0,274
CHR3	3567892	CHR3:3567892	SSF x Near_LoA	-5,273	0,262	0,266
CHR3	3567895	CHR3:3567895	SSF x Near_LoA	-8,375	-0,021	0,298
CHR3	3567947	CHR3:3567947	SSF x Near_LoA	-8,935	-0,019	0,287
CHR3	3567992	CHR3:3567992	SSF x Near_LoA	-10,094	-0,050	0,286
CHR3	3568670	CHR3:3568670	SSF x Near_LoA	-7,903	-0,003	0,305
CHR3	3568871	CHR3:3568871	SSF x Near_LoA	-10,285	-0,092	0,281
CHR3	3578920	CHR3:3578920	SSF x Near_LoA	-8,139	0,015	0,286
CHR3	3578964	CHR3:3578964	SSF x Near_LoA	-10,810	-0,012	0,288
CHR3	3581441	CHR3:3581441	SSF x Near_LoA	-9,245	-0,028	0,278
CHR3	3581662	CHR3:3581662	SSF x Near_LoA	-8,492	0,026	0,291
CHR3	3587836	CHR3:3587836	SSF x Near_LoA	0,272	-0,165	0,271
CHR3	3588051	CHR3:3588051	SSF x Near_LoA	-6,402	0,043	0,282
CHR3	3597375	CHR3:3597375	SSF x Near_LoA	-11,128	-0,030	0,276
CHR3	3597556	CHR3:3597556	SSF x Near_LoA	-9,118	-0,144	0,281
CHR3	3597633	CHR3:3597633	SSF x Near_LoA	-7,378	0,049	0,312
CHR3	3597637	CHR3:3597637	SSF x Near_LoA	-7,454	0,129	0,289
CHR3	3602050	CHR3:3602050	SSF x Near_LoA	-9,252	-0,018	0,278
CHR3	3602339	CHR3:3602339	SSF x Near_LoA	-7,220	-0,072	0,281
CHR3	3606956	CHR3:3606956	SSF x Near_LoA	-7,504	-0,015	0,288
CHR3	3606959	CHR3:3606959	SSF x Near_LoA	-9,116	-0,014	0,297
CHR3	3606964	CHR3:3606964	SSF x Near_LoA	-7,867	0,023	0,303
CHR3	3607055	CHR3:3607055	SSF x Near_LoA	-8,069	-0,045	0,293
CHR3	3607183	CHR3:3607183	SSF x Near_LoA	-8,046	-0,058	0,293
CHR3	3607286	CHR3:3607286	SSF x Near_LoA	-7,836	-0,066	0,283
CHR3	3614053	CHR3:3614053	SSF x Near_LoA	-5,207	-0,193	0,287
CHR3	3614071	CHR3:3614071	SSF x Near_LoA	-8,352	-0,076	0,308
CHR3	3614124	CHR3:3614124	SSF x Near_LoA	-8,117	-0,050	0,285
CHR3	3615569	CHR3:3615569	SSF x Near_LoA	-8,109	0,012	0,285
CHR3	3615697	CHR3:3615697	SSF x Near_LoA	-4,952	0,205	0,277
CHR3	3618294	CHR3:3618294	SSF x Near_LoA	-6,195	-0,128	0,289
CHR3	3618421	CHR3:3618421	SSF x Near_LoA	-7,173	0,017	0,311
CHR3	3618434	CHR3:3618434	SSF x Near_LoA	-10,405	0,081	0,284
CHR3	3618452	CHR3:3618452	SSF x Near_LoA	-7,786	0,009	0,294
CHR3	3618457	CHR3:3618457	SSF x Near_LoA	-9,666	0,093	0,277
CHR3	3618462	CHR3:3618462	SSF x Near_LoA	-9,738	0,076	0,278
CHR3	3618543	CHR3:3618543	SSF x Near_LoA	-7,579	0,097	0,274
CHR3	3641735	CHR3:3641735	SSF x Near_LoA	-9,576	-0,110	0,278
CHR3	3648332	CHR3:3648332	SSF x Near_LoA	-9,517	-0,048	0,284
CHR3	3652311	CHR3:3652311	SSF x Near_LoA	1,295	0,222	0,283
CHR3	3652973	CHR3:3652973	SSF x Near_LoA	-8,681	0,078	0,281
CHR3	3653027	CHR3:3653027	SSF x Near_LoA	-4,203	0,099	0,289
CHR3	3658621	CHR3:3658621	SSF x Near_LoA	-6,607	0,095	0,287

CHR3	3658639	CHR3:3658639	SSF x Near_LoA	-6,473	-0,008	0,293
CHR3	3658645	CHR3:3658645	SSF x Near_LoA	-9,342	-0,007	0,300
CHR3	3661051	CHR3:3661051	SSF x Near_LoA	-5,793	0,194	0,270
CHR3	3661070	CHR3:3661070	SSF x Near_LoA	-9,410	-0,099	0,278
CHR3	3661074	CHR3:3661074	SSF x Near_LoA	-8,385	0,020	0,289
CHR3	3661125	CHR3:3661125	SSF x Near_LoA	-3,213	0,104	0,276
CHR3	3661171	CHR3:3661171	SSF x Near_LoA	-8,829	0,025	0,291
CHR3	3662326	CHR3:3662326	SSF x Near_LoA	-10,316	0,043	0,291
CHR3	3662405	CHR3:3662405	SSF x Near_LoA	-0,452	-0,107	0,283
CHR3	3662419	CHR3:3662419	SSF x Near_LoA	-7,443	0,009	0,289
CHR3	3663576	CHR3:3663576	SSF x Near_LoA	-7,364	-0,059	0,296
CHR3	3663628	CHR3:3663628	SSF x Near_LoA	-7,046	-0,180	0,268
CHR3	3663689	CHR3:3663689	SSF x Near_LoA	-9,820	-0,054	0,288
CHR3	3668313	CHR3:3668313	SSF x Near_LoA	-7,822	0,144	0,288
CHR3	3675924	CHR3:3675924	SSF x Near_LoA	-8,465	0,117	0,283
CHR3	3676840	CHR3:3676840	SSF x Near_LoA	-9,874	0,103	0,297
CHR3	3676902	CHR3:3676902	SSF x Near_LoA	-6,876	0,088	0,281
CHR3	3679053	CHR3:3679053	SSF x Near_LoA	-7,731	0,071	0,288
CHR3	3683754	CHR3:3683754	SSF x Near_LoA	-7,528	0,036	0,289
CHR3	3683807	CHR3:3683807	SSF x Near_LoA	-4,762	0,084	0,289
CHR3	3686495	CHR3:3686495	SSF x Near_LoA	-6,903	0,034	0,293
CHR3	3686554	CHR3:3686554	SSF x Near_LoA	-5,404	0,129	0,286
CHR3	3688944	CHR3:3688944	SSF x Near_LoA	-6,897	-0,088	0,275
CHR3	3689064	CHR3:3689064	SSF x Near_LoA	-8,209	0,007	0,299
CHR3	3689099	CHR3:3689099	SSF x Near_LoA	-8,804	0,009	0,288
CHR3	3689139	CHR3:3689139	SSF x Near_LoA	-8,727	-0,043	0,294
CHR3	3691470	CHR3:3691470	SSF x Near_LoA	-7,240	0,069	0,295
CHR3	3691523	CHR3:3691523	SSF x Near_LoA	-9,284	0,062	0,288
CHR3	3691560	CHR3:3691560	SSF x Near_LoA	-3,145	0,098	0,298
CHR3	3705853	CHR3:3705853	SSF x Near_LoA	-5,942	0,098	0,282
CHR3	3719401	CHR3:3719401	SSF x Near_LoA	-6,797	-0,086	0,275
CHR3	3719433	CHR3:3719433	SSF x Near_LoA	-5,636	-0,195	0,272
CHR3	3719465	CHR3:3719465	SSF x Near_LoA	-6,817	0,112	0,284
CHR3	3725699	CHR3:3725699	SSF x Near_LoA	-3,573	0,131	0,283
CHR3	3725702	CHR3:3725702	SSF x Near_LoA	-5,679	-0,164	0,290
CHR3	3725711	CHR3:3725711	SSF x Near_LoA	-2,424	0,138	0,280
CHR3	3725720	CHR3:3725720	SSF x Near_LoA	-8,477	0,027	0,286
CHR3	3727682	CHR3:3727682	SSF x Near_LoA	-9,047	-0,073	0,274
CHR3	3727773	CHR3:3727773	SSF x Near_LoA	-5,867	0,014	0,284
CHR3	3727777	CHR3:3727777	SSF x Near_LoA	-8,716	-0,063	0,294
CHR3	3729305	CHR3:3729305	SSF x Near_LoA	-7,636	-0,003	0,282
CHR3	3729308	CHR3:3729308	SSF x Near_LoA	-4,845	-0,188	0,280
CHR3	3729533	CHR3:3729533	SSF x Near_LoA	-7,179	-0,069	0,276
CHR3	3729559	CHR3:3729559	SSF x Near_LoA	-10,115	-0,012	0,281
CHR3	3729614	CHR3:3729614	SSF x Near_LoA	-5,283	0,014	0,285
CHR3	3729628	CHR3:3729628	SSF x Near_LoA	-6,175	0,026	0,275
CHR3	3734166	CHR3:3734166	SSF x Near_LoA	-9,606	-0,082	0,294
CHR3	3734214	CHR3:3734214	SSF x Near_LoA	-9,565	-0,085	0,285
CHR3	374309	CHR3:374309	SSF x Near_LoA	-7,884	0,009	0,294
CHR3	374413	CHR3:374413	SSF x Near_LoA	-9,020	0,073	0,277
CHR3	3747560	CHR3:3747560	SSF x Near_LoA	-10,102	-0,051	0,300
CHR3	3747658	CHR3:3747658	SSF x Near_LoA	-8,453	-0,035	0,306
CHR3	3751529	CHR3:3751529	SSF x Near_LoA	-5,305	0,205	0,292

CHR3	3753057	CHR3:3753057	SSF x Near_LoA	-8,016	0,095	0,284
CHR3	3754491	CHR3:3754491	SSF x Near_LoA	-7,777	0,030	0,284
CHR3	3754576	CHR3:3754576	SSF x Near_LoA	-7,045	-0,063	0,286
CHR3	377503	CHR3:377503	SSF x Near_LoA	-6,202	0,151	0,282
CHR3	3817878	CHR3:3817878	SSF x Near_LoA	-7,608	-0,150	0,275
CHR3	3831831	CHR3:3831831	SSF x Near_LoA	-9,231	-0,022	0,290
CHR3	3832007	CHR3:3832007	SSF x Near_LoA	-8,913	0,084	0,287
CHR3	3835357	CHR3:3835357	SSF x Near_LoA	-9,352	0,011	0,283
CHR3	3842513	CHR3:3842513	SSF x Near_LoA	-7,235	0,024	0,299
CHR3	3859452	CHR3:3859452	SSF x Near_LoA	-8,379	0,113	0,275
CHR3	3859485	CHR3:3859485	SSF x Near_LoA	-9,592	0,001	0,277
CHR3	3859490	CHR3:3859490	SSF x Near_LoA	-4,750	-0,213	0,279
CHR3	3859551	CHR3:3859551	SSF x Near_LoA	-6,410	0,038	0,288
CHR3	3859731	CHR3:3859731	SSF x Near_LoA	-5,963	0,092	0,294
CHR3	3864716	CHR3:3864716	SSF x Near_LoA	-2,741	0,143	0,283
CHR3	3864741	CHR3:3864741	SSF x Near_LoA	-7,078	-0,135	0,285
CHR3	3876065	CHR3:3876065	SSF x Near_LoA	-10,849	0,057	0,277
CHR3	3880488	CHR3:3880488	SSF x Near_LoA	-7,130	0,083	0,291
CHR3	3880643	CHR3:3880643	SSF x Near_LoA	-7,008	-0,123	0,294
CHR3	3881855	CHR3:3881855	SSF x Near_LoA	-10,602	0,044	0,292
CHR3	3881955	CHR3:3881955	SSF x Near_LoA	-7,344	-0,037	0,295
CHR3	3889899	CHR3:3889899	SSF x Near_LoA	-6,345	0,129	0,278
CHR3	3889931	CHR3:3889931	SSF x Near_LoA	-8,912	-0,084	0,286
CHR3	3889948	CHR3:3889948	SSF x Near_LoA	-8,477	-0,088	0,274
CHR3	3890424	CHR3:3890424	SSF x Near_LoA	-9,564	-0,064	0,279
CHR3	3906874	CHR3:3906874	SSF x Near_LoA	-9,117	0,059	0,295
CHR3	3906891	CHR3:3906891	SSF x Near_LoA	-7,479	0,076	0,283
CHR3	3906907	CHR3:3906907	SSF x Near_LoA	-8,860	-0,046	0,289
CHR3	3906919	CHR3:3906919	SSF x Near_LoA	-5,748	0,120	0,286
CHR3	3907244	CHR3:3907244	SSF x Near_LoA	-9,394	-0,049	0,294
CHR3	3915673	CHR3:3915673	SSF x Near_LoA	-7,138	0,103	0,274
CHR3	3915691	CHR3:3915691	SSF x Near_LoA	-7,009	-0,105	0,298
CHR3	3915699	CHR3:3915699	SSF x Near_LoA	-7,702	0,011	0,293
CHR3	3917525	CHR3:3917525	SSF x Near_LoA	-9,590	-0,002	0,278
CHR3	3919018	CHR3:3919018	SSF x Near_LoA	-6,428	-0,193	0,291
CHR3	3927703	CHR3:3927703	SSF x Near_LoA	-7,700	-0,025	0,287
CHR3	3927935	CHR3:3927935	SSF x Near_LoA	-8,284	-0,020	0,285
CHR3	3941688	CHR3:3941688	SSF x Near_LoA	-5,328	-0,154	0,290
CHR3	3941949	CHR3:3941949	SSF x Near_LoA	-5,665	-0,111	0,291
CHR3	3941966	CHR3:3941966	SSF x Near_LoA	-5,670	0,111	0,268
CHR3	3945443	CHR3:3945443	SSF x Near_LoA	-6,524	-0,105	0,291
CHR3	3945489	CHR3:3945489	SSF x Near_LoA	-8,074	0,080	0,278
CHR3	3945506	CHR3:3945506	SSF x Near_LoA	-7,515	0,161	0,275
CHR3	3945512	CHR3:3945512	SSF x Near_LoA	-8,613	-0,013	0,274
CHR3	3955791	CHR3:3955791	SSF x Near_LoA	-7,564	0,106	0,284
CHR3	397711	CHR3:397711	SSF x Near_LoA	-8,445	-0,121	0,283
CHR3	397856	CHR3:397856	SSF x Near_LoA	-9,285	0,117	0,289
CHR3	397861	CHR3:397861	SSF x Near_LoA	-8,946	-0,057	0,285
CHR3	3981923	CHR3:3981923	SSF x Near_LoA	-9,574	0,015	0,279
CHR3	3988987	CHR3:3988987	SSF x Near_LoA	-6,481	0,108	0,286
CHR3	4037114	CHR3:4037114	SSF x Near_LoA	-2,581	-0,267	0,270
CHR3	4050129	CHR3:4050129	SSF x Near_LoA	-7,169	0,103	0,290
CHR3	4050131	CHR3:4050131	SSF x Near_LoA	-6,716	-0,196	0,278

CHR3	4050226	CHR3:4050226	SSF x Near_LoA	-3,670	-0,270	0,264
CHR3	4050299	CHR3:4050299	SSF x Near_LoA	-8,256	0,117	0,292
CHR3	4050331	CHR3:4050331	SSF x Near_LoA	-9,199	-0,026	0,299
CHR3	4074417	CHR3:4074417	SSF x Near_LoA	-8,357	0,006	0,294
CHR3	4074432	CHR3:4074432	SSF x Near_LoA	-7,959	0,028	0,282
CHR3	4074556	CHR3:4074556	SSF x Near_LoA	-7,951	0,066	0,296
CHR3	4087134	CHR3:4087134	SSF x Near_LoA	-6,003	0,000	0,291
CHR3	4087256	CHR3:4087256	SSF x Near_LoA	-11,049	0,058	0,274
CHR3	4087275	CHR3:4087275	SSF x Near_LoA	-5,930	-0,029	0,309
CHR3	4110167	CHR3:4110167	SSF x Near_LoA	-7,719	0,085	0,290
CHR3	4110417	CHR3:4110417	SSF x Near_LoA	-9,975	0,028	0,302
CHR3	4111940	CHR3:4111940	SSF x Near_LoA	-9,019	0,046	0,295
CHR3	4129130	CHR3:4129130	SSF x Near_LoA	-8,360	0,033	0,279
CHR3	4129154	CHR3:4129154	SSF x Near_LoA	-8,397	0,031	0,280
CHR3	4129156	CHR3:4129156	SSF x Near_LoA	-8,596	0,005	0,297
CHR3	4132689	CHR3:4132689	SSF x Near_LoA	-10,715	0,050	0,285
CHR3	4132702	CHR3:4132702	SSF x Near_LoA	-8,023	0,034	0,286
CHR3	4132752	CHR3:4132752	SSF x Near_LoA	-6,873	-0,010	0,279
CHR3	4132764	CHR3:4132764	SSF x Near_LoA	-8,641	0,029	0,298
CHR3	4132878	CHR3:4132878	SSF x Near_LoA	-7,583	-0,065	0,288
CHR3	4132896	CHR3:4132896	SSF x Near_LoA	-5,678	0,148	0,287
CHR3	4132906	CHR3:4132906	SSF x Near_LoA	-8,089	-0,100	0,280
CHR3	4132957	CHR3:4132957	SSF x Near_LoA	-6,861	0,113	0,287
CHR3	4137514	CHR3:4137514	SSF x Near_LoA	-8,707	0,084	0,298
CHR3	4137625	CHR3:4137625	SSF x Near_LoA	-8,564	-0,010	0,278
CHR3	4137633	CHR3:4137633	SSF x Near_LoA	-8,273	-0,008	0,281
CHR3	4137656	CHR3:4137656	SSF x Near_LoA	-9,706	-0,035	0,300
CHR3	4137676	CHR3:4137676	SSF x Near_LoA	-6,648	-0,050	0,295
CHR3	4137678	CHR3:4137678	SSF x Near_LoA	-10,026	-0,003	0,300
CHR3	4147503	CHR3:4147503	SSF x Near_LoA	-9,036	0,005	0,292
CHR3	4147662	CHR3:4147662	SSF x Near_LoA	-5,634	-0,081	0,291
CHR3	4155741	CHR3:4155741	SSF x Near_LoA	-9,654	0,047	0,297
CHR3	4168526	CHR3:4168526	SSF x Near_LoA	-9,147	0,015	0,292
CHR3	4168545	CHR3:4168545	SSF x Near_LoA	-9,277	-0,035	0,274
CHR3	4168727	CHR3:4168727	SSF x Near_LoA	-8,588	-0,098	0,276
CHR3	4172374	CHR3:4172374	SSF x Near_LoA	-10,078	-0,026	0,288
CHR3	4172375	CHR3:4172375	SSF x Near_LoA	-6,522	0,063	0,278
CHR3	4172412	CHR3:4172412	SSF x Near_LoA	-9,370	0,010	0,273
CHR3	4172452	CHR3:4172452	SSF x Near_LoA	-9,568	0,019	0,285
CHR3	4179308	CHR3:4179308	SSF x Near_LoA	-9,696	0,033	0,292
CHR3	4179674	CHR3:4179674	SSF x Near_LoA	-10,371	-0,020	0,284
CHR3	4218049	CHR3:4218049	SSF x Near_LoA	-9,073	-0,075	0,281
CHR3	4218368	CHR3:4218368	SSF x Near_LoA	-5,410	0,194	0,281
CHR3	4218450	CHR3:4218450	SSF x Near_LoA	-5,958	-0,107	0,304
CHR3	4227033	CHR3:4227033	SSF x Near_LoA	-4,792	-0,199	0,282
CHR3	4227096	CHR3:4227096	SSF x Near_LoA	-5,113	-0,093	0,299
CHR3	4229738	CHR3:4229738	SSF x Near_LoA	-7,769	-0,063	0,286
CHR3	4235783	CHR3:4235783	SSF x Near_LoA	-1,784	-0,057	0,291
CHR3	4240922	CHR3:4240922	SSF x Near_LoA	-10,383	-0,083	0,293
CHR3	4240961	CHR3:4240961	SSF x Near_LoA	-6,517	-0,127	0,287
CHR3	4241150	CHR3:4241150	SSF x Near_LoA	-8,009	-0,043	0,284
CHR3	4241171	CHR3:4241171	SSF x Near_LoA	1,648	0,194	0,266
CHR3	4241204	CHR3:4241204	SSF x Near_LoA	-9,701	0,026	0,298

CHR3	4249229	CHR3:4249229	SSF x Near_LoA	-5,856	-0,104	0,287
CHR3	4249298	CHR3:4249298	SSF x Near_LoA	-9,765	0,061	0,291
CHR3	4249310	CHR3:4249310	SSF x Near_LoA	-9,940	0,009	0,302
CHR3	4249340	CHR3:4249340	SSF x Near_LoA	-8,963	-0,099	0,286
CHR3	4249361	CHR3:4249361	SSF x Near_LoA	-5,672	0,146	0,275
CHR3	4249407	CHR3:4249407	SSF x Near_LoA	-3,194	-0,169	0,285
CHR3	4249608	CHR3:4249608	SSF x Near_LoA	-7,132	0,137	0,284
CHR3	4253607	CHR3:4253607	SSF x Near_LoA	-9,338	0,065	0,285
CHR3	4253623	CHR3:4253623	SSF x Near_LoA	-6,781	-0,066	0,281
CHR3	4253962	CHR3:4253962	SSF x Near_LoA	-6,584	0,058	0,290
CHR3	4258359	CHR3:4258359	SSF x Near_LoA	-2,304	0,189	0,276
CHR3	4258414	CHR3:4258414	SSF x Near_LoA	-7,456	0,043	0,278
CHR3	4258474	CHR3:4258474	SSF x Near_LoA	-8,053	-0,126	0,288
CHR3	4258525	CHR3:4258525	SSF x Near_LoA	-7,411	0,219	0,263
CHR3	4258549	CHR3:4258549	SSF x Near_LoA	-7,745	-0,059	0,298
CHR3	4258598	CHR3:4258598	SSF x Near_LoA	-6,658	-0,236	0,281
CHR3	426064	CHR3:426064	SSF x Near_LoA	-7,996	-0,074	0,283
CHR3	4260911	CHR3:4260911	SSF x Near_LoA	-7,651	-0,039	0,287
CHR3	4260935	CHR3:4260935	SSF x Near_LoA	-9,540	0,003	0,285
CHR3	4260954	CHR3:4260954	SSF x Near_LoA	-9,200	-0,074	0,284
CHR3	4260995	CHR3:4260995	SSF x Near_LoA	-7,548	-0,057	0,283
CHR3	4264978	CHR3:4264978	SSF x Near_LoA	-10,092	-0,083	0,293
CHR3	4278735	CHR3:4278735	SSF x Near_LoA	-5,091	-0,172	0,276
CHR3	4278949	CHR3:4278949	SSF x Near_LoA	-5,895	-0,146	0,265
CHR3	4278999	CHR3:4278999	SSF x Near_LoA	-3,077	0,281	0,270
CHR3	4279056	CHR3:4279056	SSF x Near_LoA	3,438	-0,258	0,278
CHR3	4279061	CHR3:4279061	SSF x Near_LoA	-7,830	-0,126	0,287
CHR3	4283148	CHR3:4283148	SSF x Near_LoA	-7,589	0,105	0,291
CHR3	4283259	CHR3:4283259	SSF x Near_LoA	-9,705	0,038	0,287
CHR3	4283274	CHR3:4283274	SSF x Near_LoA	-4,949	0,164	0,276
CHR3	4283441	CHR3:4283441	SSF x Near_LoA	-7,694	0,048	0,291
CHR3	4299051	CHR3:4299051	SSF x Near_LoA	-9,266	-0,119	0,295
CHR3	4299091	CHR3:4299091	SSF x Near_LoA	-8,311	-0,139	0,285
CHR3	4299165	CHR3:4299165	SSF x Near_LoA	-6,439	0,099	0,296
CHR3	4312255	CHR3:4312255	SSF x Near_LoA	-10,586	0,004	0,279
CHR3	4312386	CHR3:4312386	SSF x Near_LoA	-7,896	0,024	0,283
CHR3	4312393	CHR3:4312393	SSF x Near_LoA	-6,575	-0,127	0,289
CHR3	4312406	CHR3:4312406	SSF x Near_LoA	-9,775	0,100	0,270
CHR3	4312529	CHR3:4312529	SSF x Near_LoA	-9,469	-0,018	0,292
CHR3	4312540	CHR3:4312540	SSF x Near_LoA	-3,752	-0,147	0,298
CHR3	4316921	CHR3:4316921	SSF x Near_LoA	-7,342	0,059	0,275
CHR3	4316948	CHR3:4316948	SSF x Near_LoA	-10,502	0,004	0,286
CHR3	4316955	CHR3:4316955	SSF x Near_LoA	-9,285	0,045	0,281
CHR3	4317009	CHR3:4317009	SSF x Near_LoA	-10,291	0,017	0,289
CHR3	4327575	CHR3:4327575	SSF x Near_LoA	-7,263	0,182	0,269
CHR3	4327615	CHR3:4327615	SSF x Near_LoA	-7,342	0,008	0,303
CHR3	4327620	CHR3:4327620	SSF x Near_LoA	-8,505	0,061	0,279
CHR3	4327647	CHR3:4327647	SSF x Near_LoA	-8,710	0,013	0,272
CHR3	4327670	CHR3:4327670	SSF x Near_LoA	-8,687	0,063	0,277
CHR3	4327740	CHR3:4327740	SSF x Near_LoA	-10,574	0,077	0,271
CHR3	4327794	CHR3:4327794	SSF x Near_LoA	-10,257	0,068	0,279
CHR3	4340417	CHR3:4340417	SSF x Near_LoA	-9,736	0,020	0,283
CHR3	4340477	CHR3:4340477	SSF x Near_LoA	-9,677	0,030	0,284

CHR3	4340543	CHR3:4340543	SSF x Near_LoA	-7,475	0,197	0,276
CHR3	4340575	CHR3:4340575	SSF x Near_LoA	-6,772	-0,084	0,277
CHR3	4340591	CHR3:4340591	SSF x Near_LoA	-4,893	0,240	0,263
CHR3	4342878	CHR3:4342878	SSF x Near_LoA	-9,525	-0,019	0,278
CHR3	4345628	CHR3:4345628	SSF x Near_LoA	-0,083	0,236	0,268
CHR3	4345635	CHR3:4345635	SSF x Near_LoA	-10,559	-0,007	0,294
CHR3	4345720	CHR3:4345720	SSF x Near_LoA	-9,756	-0,068	0,285
CHR3	4345893	CHR3:4345893	SSF x Near_LoA	-3,954	-0,193	0,278
CHR3	4345900	CHR3:4345900	SSF x Near_LoA	-7,847	0,160	0,284
CHR3	4345931	CHR3:4345931	SSF x Near_LoA	-8,439	0,156	0,278
CHR3	4353167	CHR3:4353167	SSF x Near_LoA	-3,327	-0,106	0,297
CHR3	436769	CHR3:436769	SSF x Near_LoA	-7,668	0,051	0,282
CHR3	436795	CHR3:436795	SSF x Near_LoA	-6,952	0,107	0,286
CHR3	437406	CHR3:437406	SSF x Near_LoA	-7,132	-0,064	0,284
CHR3	4382081	CHR3:4382081	SSF x Near_LoA	-6,634	-0,073	0,297
CHR3	4382095	CHR3:4382095	SSF x Near_LoA	-5,875	-0,176	0,275
CHR3	4382113	CHR3:4382113	SSF x Near_LoA	-8,340	0,038	0,288
CHR3	4382119	CHR3:4382119	SSF x Near_LoA	-3,123	0,116	0,285
CHR3	4382185	CHR3:4382185	SSF x Near_LoA	-7,679	-0,132	0,285
CHR3	4382220	CHR3:4382220	SSF x Near_LoA	-0,398	0,209	0,274
CHR3	4382237	CHR3:4382237	SSF x Near_LoA	-6,867	-0,114	0,296
CHR3	4409965	CHR3:4409965	SSF x Near_LoA	-6,740	-0,058	0,287
CHR3	4410026	CHR3:4410026	SSF x Near_LoA	-7,977	-0,078	0,283
CHR3	4410027	CHR3:4410027	SSF x Near_LoA	-5,466	-0,080	0,285
CHR3	4410506	CHR3:4410506	SSF x Near_LoA	-5,639	0,088	0,279
CHR3	4410613	CHR3:4410613	SSF x Near_LoA	-7,008	0,081	0,293
CHR3	441259	CHR3:441259	SSF x Near_LoA	-7,483	-0,039	0,278
CHR3	442328	CHR3:442328	SSF x Near_LoA	-8,648	0,028	0,295
CHR3	4437514	CHR3:4437514	SSF x Near_LoA	-10,090	-0,016	0,281
CHR3	4465420	CHR3:4465420	SSF x Near_LoA	-9,955	-0,028	0,283
CHR3	4484865	CHR3:4484865	SSF x Near_LoA	-9,093	-0,007	0,299
CHR3	4485117	CHR3:4485117	SSF x Near_LoA	-7,088	0,027	0,306
CHR3	4488960	CHR3:4488960	SSF x Near_LoA	-9,988	0,024	0,294
CHR3	4504164	CHR3:4504164	SSF x Near_LoA	-9,266	-0,105	0,292
CHR3	4517553	CHR3:4517553	SSF x Near_LoA	0,998	-0,070	0,287
CHR3	4517744	CHR3:4517744	SSF x Near_LoA	-8,407	-0,014	0,285
CHR3	4519626	CHR3:4519626	SSF x Near_LoA	-8,432	0,056	0,292
CHR3	4520007	CHR3:4520007	SSF x Near_LoA	-6,773	0,102	0,286
CHR3	4548206	CHR3:4548206	SSF x Near_LoA	-6,243	0,126	0,297
CHR3	4548208	CHR3:4548208	SSF x Near_LoA	-9,097	0,069	0,286
CHR3	4548313	CHR3:4548313	SSF x Near_LoA	-9,651	-0,069	0,278
CHR3	4548353	CHR3:4548353	SSF x Near_LoA	-4,829	-0,062	0,299
CHR3	4555616	CHR3:4555616	SSF x Near_LoA	-8,708	0,053	0,290
CHR3	4561609	CHR3:4561609	SSF x Near_LoA	-9,110	-0,026	0,272
CHR3	4561761	CHR3:4561761	SSF x Near_LoA	-8,410	0,004	0,289
CHR3	4561768	CHR3:4561768	SSF x Near_LoA	-8,066	-0,019	0,285
CHR3	4561841	CHR3:4561841	SSF x Near_LoA	-8,519	0,016	0,290
CHR3	4603125	CHR3:4603125	SSF x Near_LoA	-6,949	0,084	0,305
CHR3	4603157	CHR3:4603157	SSF x Near_LoA	-8,992	-0,074	0,293
CHR3	4603199	CHR3:4603199	SSF x Near_LoA	-3,591	0,135	0,281
CHR3	4619626	CHR3:4619626	SSF x Near_LoA	-8,636	0,030	0,300
CHR3	4619628	CHR3:4619628	SSF x Near_LoA	-8,346	0,049	0,285
CHR3	4619680	CHR3:4619680	SSF x Near_LoA	-8,216	-0,055	0,284

CHR3	4619741	CHR3:4619741	SSF x Near_LoA	-8,354	0,045	0,305
CHR3	4621606	CHR3:4621606	SSF x Near_LoA	-7,439	0,093	0,290
CHR3	4621617	CHR3:4621617	SSF x Near_LoA	-7,868	0,114	0,290
CHR3	4621756	CHR3:4621756	SSF x Near_LoA	-4,399	-0,180	0,272
CHR3	4621823	CHR3:4621823	SSF x Near_LoA	-2,456	-0,219	0,281
CHR3	4638416	CHR3:4638416	SSF x Near_LoA	-7,624	0,095	0,286
CHR3	4638418	CHR3:4638418	SSF x Near_LoA	-9,518	0,036	0,278
CHR3	4639868	CHR3:4639868	SSF x Near_LoA	-7,292	0,076	0,285
CHR3	4639910	CHR3:4639910	SSF x Near_LoA	-10,093	0,020	0,271
CHR3	4640023	CHR3:4640023	SSF x Near_LoA	-6,158	0,015	0,278
CHR3	4656811	CHR3:4656811	SSF x Near_LoA	-10,416	-0,021	0,288
CHR3	4656888	CHR3:4656888	SSF x Near_LoA	-4,436	-0,191	0,278
CHR3	4657162	CHR3:4657162	SSF x Near_LoA	-8,094	0,110	0,288
CHR3	4657166	CHR3:4657166	SSF x Near_LoA	-9,383	-0,072	0,298
CHR3	4662019	CHR3:4662019	SSF x Near_LoA	-7,940	0,012	0,283
CHR3	4662138	CHR3:4662138	SSF x Near_LoA	-6,597	0,060	0,296
CHR3	4662196	CHR3:4662196	SSF x Near_LoA	-7,139	0,007	0,292
CHR3	4662287	CHR3:4662287	SSF x Near_LoA	-7,008	0,192	0,295
CHR3	466298	CHR3:466298	SSF x Near_LoA	-8,036	-0,130	0,275
CHR3	466534	CHR3:466534	SSF x Near_LoA	-8,056	0,082	0,293
CHR3	4676312	CHR3:4676312	SSF x Near_LoA	-8,530	-0,035	0,289
CHR3	4676339	CHR3:4676339	SSF x Near_LoA	-5,049	-0,134	0,289
CHR3	4690068	CHR3:4690068	SSF x Near_LoA	-9,552	-0,069	0,284
CHR3	4696949	CHR3:4696949	SSF x Near_LoA	-7,680	-0,049	0,294
CHR3	4696966	CHR3:4696966	SSF x Near_LoA	-4,817	-0,206	0,263
CHR3	4696989	CHR3:4696989	SSF x Near_LoA	-4,393	-0,245	0,275
CHR3	4702093	CHR3:4702093	SSF x Near_LoA	-8,487	-0,026	0,291
CHR3	4702096	CHR3:4702096	SSF x Near_LoA	-2,553	-0,187	0,282
CHR3	4702255	CHR3:4702255	SSF x Near_LoA	-8,976	0,057	0,281
CHR3	4702257	CHR3:4702257	SSF x Near_LoA	-10,467	0,039	0,290
CHR3	4702265	CHR3:4702265	SSF x Near_LoA	-8,636	0,040	0,290
CHR3	4705836	CHR3:4705836	SSF x Near_LoA	-8,783	-0,103	0,290
CHR3	4705951	CHR3:4705951	SSF x Near_LoA	-5,029	-0,143	0,295
CHR3	4706075	CHR3:4706075	SSF x Near_LoA	-6,172	0,157	0,285
CHR3	4715537	CHR3:4715537	SSF x Near_LoA	-8,426	0,127	0,281
CHR3	4715918	CHR3:4715918	SSF x Near_LoA	-10,167	-0,033	0,271
CHR3	4715923	CHR3:4715923	SSF x Near_LoA	-9,362	0,086	0,289
CHR3	4715993	CHR3:4715993	SSF x Near_LoA	-6,979	0,057	0,299
CHR3	4715994	CHR3:4715994	SSF x Near_LoA	-6,765	0,016	0,298
CHR3	4722929	CHR3:4722929	SSF x Near_LoA	-8,156	0,119	0,267
CHR3	4723015	CHR3:4723015	SSF x Near_LoA	-7,440	-0,001	0,289
CHR3	4723116	CHR3:4723116	SSF x Near_LoA	-4,916	-0,079	0,285
CHR3	4723265	CHR3:4723265	SSF x Near_LoA	-9,038	0,060	0,285
CHR3	4723295	CHR3:4723295	SSF x Near_LoA	-7,929	-0,038	0,284
CHR3	4728317	CHR3:4728317	SSF x Near_LoA	-0,095	0,006	0,294
CHR3	4728497	CHR3:4728497	SSF x Near_LoA	-2,234	0,140	0,276
CHR3	4728520	CHR3:4728520	SSF x Near_LoA	-5,465	-0,063	0,293
CHR3	4728552	CHR3:4728552	SSF x Near_LoA	-8,235	-0,109	0,280
CHR3	4728553	CHR3:4728553	SSF x Near_LoA	-8,907	0,073	0,291
CHR3	4728614	CHR3:4728614	SSF x Near_LoA	-9,172	0,070	0,294
CHR3	4728632	CHR3:4728632	SSF x Near_LoA	-9,241	0,075	0,296
CHR3	4728636	CHR3:4728636	SSF x Near_LoA	-10,187	0,068	0,291
CHR3	4728715	CHR3:4728715	SSF x Near_LoA	-8,045	-0,153	0,294

CHR3	4759680	CHR3:4759680	SSF x Near_LoA	-8,198	0,111	0,282
CHR3	4764116	CHR3:4764116	SSF x Near_LoA	-1,420	0,204	0,281
CHR3	4764119	CHR3:4764119	SSF x Near_LoA	-4,514	0,197	0,270
CHR3	4764281	CHR3:4764281	SSF x Near_LoA	-8,801	-0,012	0,302
CHR3	4764323	CHR3:4764323	SSF x Near_LoA	-11,130	0,014	0,272
CHR3	4764332	CHR3:4764332	SSF x Near_LoA	-7,259	0,062	0,277
CHR3	4764375	CHR3:4764375	SSF x Near_LoA	-7,241	-0,027	0,281
CHR3	4790563	CHR3:4790563	SSF x Near_LoA	-8,511	-0,042	0,291
CHR3	4790606	CHR3:4790606	SSF x Near_LoA	-10,115	-0,066	0,284
CHR3	4790847	CHR3:4790847	SSF x Near_LoA	-6,949	0,145	0,274
CHR3	4790887	CHR3:4790887	SSF x Near_LoA	-5,763	0,124	0,303
CHR3	4791567	CHR3:4791567	SSF x Near_LoA	-10,335	0,042	0,297
CHR3	4791601	CHR3:4791601	SSF x Near_LoA	-6,008	-0,109	0,275
CHR3	4791670	CHR3:4791670	SSF x Near_LoA	-7,872	-0,059	0,290
CHR3	4791830	CHR3:4791830	SSF x Near_LoA	-6,581	-0,058	0,300
CHR3	4791883	CHR3:4791883	SSF x Near_LoA	2,290	0,050	0,292
CHR3	4799672	CHR3:4799672	SSF x Near_LoA	2,042	-0,159	0,284
CHR3	4799702	CHR3:4799702	SSF x Near_LoA	-6,315	-0,117	0,290
CHR3	4799750	CHR3:4799750	SSF x Near_LoA	-11,129	-0,017	0,280
CHR3	4808093	CHR3:4808093	SSF x Near_LoA	-8,955	-0,051	0,291
CHR3	4808152	CHR3:4808152	SSF x Near_LoA	15,888	0,032	0,283
CHR3	4808219	CHR3:4808219	SSF x Near_LoA	-8,305	-0,002	0,292
CHR3	4824650	CHR3:4824650	SSF x Near_LoA	-8,927	0,021	0,296
CHR3	4824657	CHR3:4824657	SSF x Near_LoA	-9,207	-0,010	0,276
CHR3	4824700	CHR3:4824700	SSF x Near_LoA	-9,805	0,028	0,283
CHR3	4827058	CHR3:4827058	SSF x Near_LoA	-7,344	-0,156	0,279
CHR3	483453	CHR3:483453	SSF x Near_LoA	-6,171	0,217	0,270
CHR3	4836934	CHR3:4836934	SSF x Near_LoA	-9,057	-0,008	0,263
CHR3	4836957	CHR3:4836957	SSF x Near_LoA	-5,059	-0,009	0,280
CHR3	4850251	CHR3:4850251	SSF x Near_LoA	-9,302	-0,049	0,287
CHR3	4850291	CHR3:4850291	SSF x Near_LoA	-9,801	-0,073	0,282
CHR3	487943	CHR3:487943	SSF x Near_LoA	-3,145	0,116	0,292
CHR3	4901397	CHR3:4901397	SSF x Near_LoA	-7,792	-0,046	0,282
CHR3	4901461	CHR3:4901461	SSF x Near_LoA	-8,040	0,030	0,283
CHR3	4901467	CHR3:4901467	SSF x Near_LoA	-9,969	-0,021	0,276
CHR3	4901494	CHR3:4901494	SSF x Near_LoA	-11,132	-0,036	0,276
CHR3	4901550	CHR3:4901550	SSF x Near_LoA	-6,599	0,027	0,290
CHR3	4901565	CHR3:4901565	SSF x Near_LoA	-9,138	-0,088	0,280
CHR3	4901947	CHR3:4901947	SSF x Near_LoA	-7,715	-0,041	0,301
CHR3	4901958	CHR3:4901958	SSF x Near_LoA	-8,179	-0,056	0,289
CHR3	4902004	CHR3:4902004	SSF x Near_LoA	-8,709	0,121	0,299
CHR3	4902022	CHR3:4902022	SSF x Near_LoA	-8,707	-0,034	0,286
CHR3	4902030	CHR3:4902030	SSF x Near_LoA	-8,551	0,010	0,291
CHR3	4919970	CHR3:4919970	SSF x Near_LoA	-8,970	-0,072	0,294
CHR3	4934142	CHR3:4934142	SSF x Near_LoA	-6,856	0,126	0,297
CHR3	4952625	CHR3:4952625	SSF x Near_LoA	-7,953	0,105	0,287
CHR3	4952663	CHR3:4952663	SSF x Near_LoA	-7,026	0,182	0,263
CHR3	496167	CHR3:496167	SSF x Near_LoA	-8,229	0,122	0,285
CHR3	4982044	CHR3:4982044	SSF x Near_LoA	-7,371	0,066	0,295
CHR3	4982065	CHR3:4982065	SSF x Near_LoA	-8,110	0,059	0,275
CHR3	4982186	CHR3:4982186	SSF x Near_LoA	-6,600	0,006	0,284
CHR3	5044746	CHR3:5044746	SSF x Near_LoA	-6,200	-0,100	0,289
CHR3	5055579	CHR3:5055579	SSF x Near_LoA	-7,972	-0,077	0,284

CHR3	5055799	CHR3:5055799	SSF x Near_LoA	-6,983	0,012	0,306
CHR3	5055859	CHR3:5055859	SSF x Near_LoA	-9,795	0,054	0,294
CHR3	5055881	CHR3:5055881	SSF x Near_LoA	-7,086	0,049	0,292
CHR3	5055905	CHR3:5055905	SSF x Near_LoA	-9,377	0,076	0,283
CHR3	5055925	CHR3:5055925	SSF x Near_LoA	-7,063	-0,159	0,279
CHR3	5055928	CHR3:5055928	SSF x Near_LoA	-8,905	0,041	0,278
CHR3	510690	CHR3:510690	SSF x Near_LoA	-9,875	-0,048	0,289
CHR3	5113085	CHR3:5113085	SSF x Near_LoA	-9,067	0,014	0,287
CHR3	5140715	CHR3:5140715	SSF x Near_LoA	-6,865	-0,207	0,275
CHR3	5140984	CHR3:5140984	SSF x Near_LoA	-10,271	-0,008	0,286
CHR3	5141024	CHR3:5141024	SSF x Near_LoA	-11,247	0,009	0,295
CHR3	5141120	CHR3:5141120	SSF x Near_LoA	-9,667	0,059	0,293
CHR3	5146218	CHR3:5146218	SSF x Near_LoA	-8,881	-0,081	0,268
CHR3	5146300	CHR3:5146300	SSF x Near_LoA	-8,376	-0,146	0,279
CHR3	5146357	CHR3:5146357	SSF x Near_LoA	-8,884	-0,058	0,278
CHR3	5147785	CHR3:5147785	SSF x Near_LoA	-6,856	0,012	0,288
CHR3	5161956	CHR3:5161956	SSF x Near_LoA	-7,170	0,138	0,275
CHR3	5161996	CHR3:5161996	SSF x Near_LoA	-8,540	-0,133	0,286
CHR3	5162031	CHR3:5162031	SSF x Near_LoA	-10,027	-0,057	0,287
CHR3	5162103	CHR3:5162103	SSF x Near_LoA	-8,639	-0,133	0,301
CHR3	5173288	CHR3:5173288	SSF x Near_LoA	-6,576	0,150	0,272
CHR3	5175117	CHR3:5175117	SSF x Near_LoA	-9,403	0,038	0,278
CHR3	5175128	CHR3:5175128	SSF x Near_LoA	-7,953	-0,007	0,283
CHR3	5175164	CHR3:5175164	SSF x Near_LoA	-9,380	0,038	0,290
CHR3	5191187	CHR3:5191187	SSF x Near_LoA	-6,430	-0,138	0,275
CHR3	5191276	CHR3:5191276	SSF x Near_LoA	-6,758	0,126	0,287
CHR3	519623	CHR3:519623	SSF x Near_LoA	-9,550	-0,006	0,277
CHR3	5205028	CHR3:5205028	SSF x Near_LoA	-9,053	0,044	0,282
CHR3	5205030	CHR3:5205030	SSF x Near_LoA	-8,469	0,037	0,288
CHR3	5205230	CHR3:5205230	SSF x Near_LoA	-8,663	-0,107	0,282
CHR3	5205232	CHR3:5205232	SSF x Near_LoA	-8,334	-0,125	0,286
CHR3	522582	CHR3:522582	SSF x Near_LoA	-6,606	0,086	0,298
CHR3	5228652	CHR3:5228652	SSF x Near_LoA	-7,343	-0,049	0,293
CHR3	5228963	CHR3:5228963	SSF x Near_LoA	-5,412	0,194	0,271
CHR3	5230446	CHR3:5230446	SSF x Near_LoA	-7,543	0,030	0,293
CHR3	5230604	CHR3:5230604	SSF x Near_LoA	-11,398	0,036	0,282
CHR3	5230618	CHR3:5230618	SSF x Near_LoA	-5,483	0,150	0,292
CHR3	5253735	CHR3:5253735	SSF x Near_LoA	-8,595	0,096	0,260
CHR3	5253822	CHR3:5253822	SSF x Near_LoA	-7,783	-0,059	0,289
CHR3	5259656	CHR3:5259656	SSF x Near_LoA	-9,286	-0,035	0,295
CHR3	5259726	CHR3:5259726	SSF x Near_LoA	-9,716	0,024	0,293
CHR3	5259803	CHR3:5259803	SSF x Near_LoA	-4,904	0,167	0,280
CHR3	5268146	CHR3:5268146	SSF x Near_LoA	-9,393	0,092	0,275
CHR3	5268173	CHR3:5268173	SSF x Near_LoA	-7,421	0,137	0,278
CHR3	5268178	CHR3:5268178	SSF x Near_LoA	-7,747	0,035	0,280
CHR3	5268193	CHR3:5268193	SSF x Near_LoA	-6,939	0,129	0,295
CHR3	5268243	CHR3:5268243	SSF x Near_LoA	-7,570	0,004	0,263
CHR3	5268266	CHR3:5268266	SSF x Near_LoA	-7,478	0,003	0,295
CHR3	5268282	CHR3:5268282	SSF x Near_LoA	-7,706	-0,019	0,304
CHR3	5268291	CHR3:5268291	SSF x Near_LoA	-6,953	0,008	0,284
CHR3	5268320	CHR3:5268320	SSF x Near_LoA	-7,563	-0,017	0,282
CHR3	5268342	CHR3:5268342	SSF x Near_LoA	-8,022	0,082	0,289
CHR3	5268380	CHR3:5268380	SSF x Near_LoA	-8,728	-0,076	0,285

CHR3	5276448	CHR3:5276448	SSF x Near_LoA	-7,933	0,117	0,280
CHR3	5276548	CHR3:5276548	SSF x Near_LoA	-8,504	-0,106	0,296
CHR3	5286378	CHR3:5286378	SSF x Near_LoA	-7,901	0,004	0,293
CHR3	5286681	CHR3:5286681	SSF x Near_LoA	-7,294	-0,151	0,278
CHR3	5291834	CHR3:5291834	SSF x Near_LoA	-6,428	0,076	0,281
CHR3	5294558	CHR3:5294558	SSF x Near_LoA	-6,211	-0,048	0,293
CHR3	5294615	CHR3:5294615	SSF x Near_LoA	-8,699	0,077	0,276
CHR3	5294715	CHR3:5294715	SSF x Near_LoA	-6,616	-0,051	0,286
CHR3	5294775	CHR3:5294775	SSF x Near_LoA	-9,179	-0,074	0,292
CHR3	5301905	CHR3:5301905	SSF x Near_LoA	-9,418	-0,011	0,289
CHR3	5303136	CHR3:5303136	SSF x Near_LoA	-5,430	-0,101	0,298
CHR3	5303165	CHR3:5303165	SSF x Near_LoA	-10,074	0,009	0,291
CHR3	5305643	CHR3:5305643	SSF x Near_LoA	-7,433	-0,002	0,292
CHR3	5305650	CHR3:5305650	SSF x Near_LoA	-7,345	-0,038	0,296
CHR3	5326114	CHR3:5326114	SSF x Near_LoA	-8,574	-0,034	0,280
CHR3	5326153	CHR3:5326153	SSF x Near_LoA	-4,437	0,127	0,295
CHR3	5326185	CHR3:5326185	SSF x Near_LoA	-5,624	0,159	0,281
CHR3	5326221	CHR3:5326221	SSF x Near_LoA	0,200	0,154	0,298
CHR3	536195	CHR3:536195	SSF x Near_LoA	-7,045	-0,042	0,286
CHR3	536221	CHR3:536221	SSF x Near_LoA	-8,123	0,015	0,284
CHR3	536277	CHR3:536277	SSF x Near_LoA	-9,594	-0,082	0,291
CHR3	536328	CHR3:536328	SSF x Near_LoA	-10,269	0,008	0,288
CHR3	5365386	CHR3:5365386	SSF x Near_LoA	-8,120	-0,059	0,288
CHR3	5369613	CHR3:5369613	SSF x Near_LoA	-8,784	0,026	0,291
CHR3	5379029	CHR3:5379029	SSF x Near_LoA	-5,539	-0,109	0,271
CHR3	5379133	CHR3:5379133	SSF x Near_LoA	-10,952	0,058	0,291
CHR3	5379175	CHR3:5379175	SSF x Near_LoA	0,589	-0,100	0,291
CHR3	5385209	CHR3:5385209	SSF x Near_LoA	-6,853	0,056	0,288
CHR3	5385324	CHR3:5385324	SSF x Near_LoA	-8,874	0,006	0,272
CHR3	5386759	CHR3:5386759	SSF x Near_LoA	-8,029	-0,038	0,279
CHR3	5386777	CHR3:5386777	SSF x Near_LoA	-8,990	-0,067	0,293
CHR3	539478	CHR3:539478	SSF x Near_LoA	-9,944	-0,043	0,301
CHR3	539482	CHR3:539482	SSF x Near_LoA	-9,437	-0,057	0,281
CHR3	5410190	CHR3:5410190	SSF x Near_LoA	-8,391	-0,019	0,284
CHR3	5419738	CHR3:5419738	SSF x Near_LoA	-10,107	0,083	0,283
CHR3	542502	CHR3:542502	SSF x Near_LoA	-5,947	-0,026	0,287
CHR3	542552	CHR3:542552	SSF x Near_LoA	-8,735	0,035	0,292
CHR3	542572	CHR3:542572	SSF x Near_LoA	-9,152	-0,055	0,282
CHR3	542574	CHR3:542574	SSF x Near_LoA	-10,032	-0,071	0,288
CHR3	542583	CHR3:542583	SSF x Near_LoA	-7,284	0,021	0,306
CHR3	542670	CHR3:542670	SSF x Near_LoA	-7,027	-0,038	0,302
CHR3	542689	CHR3:542689	SSF x Near_LoA	-7,968	-0,064	0,300
CHR3	5453010	CHR3:5453010	SSF x Near_LoA	-7,866	-0,109	0,257
CHR3	5453047	CHR3:5453047	SSF x Near_LoA	-8,909	-0,131	0,280
CHR3	5463432	CHR3:5463432	SSF x Near_LoA	-10,206	0,113	0,280
CHR3	5463503	CHR3:5463503	SSF x Near_LoA	-5,969	0,114	0,280
CHR3	5463517	CHR3:5463517	SSF x Near_LoA	-7,871	0,019	0,281
CHR3	5463527	CHR3:5463527	SSF x Near_LoA	-6,399	0,037	0,287
CHR3	5474373	CHR3:5474373	SSF x Near_LoA	-9,826	-0,026	0,290
CHR3	5474378	CHR3:5474378	SSF x Near_LoA	-7,500	0,089	0,287
CHR3	5474447	CHR3:5474447	SSF x Near_LoA	-7,964	-0,137	0,275
CHR3	5474488	CHR3:5474488	SSF x Near_LoA	-8,114	0,067	0,287
CHR3	5474493	CHR3:5474493	SSF x Near_LoA	-7,975	-0,081	0,287

CHR3	5477422	CHR3:5477422	SSF x Near_LoA	-10,962	0,006	0,291
CHR3	5477426	CHR3:5477426	SSF x Near_LoA	-6,471	0,079	0,290
CHR3	5477499	CHR3:5477499	SSF x Near_LoA	-9,957	0,001	0,273
CHR3	5477694	CHR3:5477694	SSF x Near_LoA	-6,381	0,116	0,296
CHR3	5477708	CHR3:5477708	SSF x Near_LoA	-8,435	0,073	0,293
CHR3	5477719	CHR3:5477719	SSF x Near_LoA	-9,696	0,051	0,282
CHR3	5479092	CHR3:5479092	SSF x Near_LoA	-10,163	0,071	0,283
CHR3	5479166	CHR3:5479166	SSF x Near_LoA	-7,709	0,006	0,299
CHR3	5487667	CHR3:5487667	SSF x Near_LoA	-6,628	0,005	0,277
CHR3	5487688	CHR3:5487688	SSF x Near_LoA	-7,000	-0,091	0,292
CHR3	5487715	CHR3:5487715	SSF x Near_LoA	-7,616	0,017	0,300
CHR3	5487730	CHR3:5487730	SSF x Near_LoA	-8,410	-0,055	0,279
CHR3	5487732	CHR3:5487732	SSF x Near_LoA	-10,489	-0,069	0,280
CHR3	5487754	CHR3:5487754	SSF x Near_LoA	-2,716	0,084	0,298
CHR3	5487757	CHR3:5487757	SSF x Near_LoA	-7,844	0,041	0,293
CHR3	5487790	CHR3:5487790	SSF x Near_LoA	-8,493	0,025	0,292
CHR3	5487802	CHR3:5487802	SSF x Near_LoA	-7,410	-0,009	0,279
CHR3	5487803	CHR3:5487803	SSF x Near_LoA	-6,845	-0,040	0,286
CHR3	5487808	CHR3:5487808	SSF x Near_LoA	-4,072	-0,087	0,290
CHR3	549141	CHR3:549141	SSF x Near_LoA	-9,547	-0,053	0,299
CHR3	5503954	CHR3:5503954	SSF x Near_LoA	-5,917	-0,076	0,289
CHR3	5533106	CHR3:5533106	SSF x Near_LoA	-6,592	0,012	0,279
CHR3	5535261	CHR3:5535261	SSF x Near_LoA	-9,172	0,047	0,298
CHR3	5543177	CHR3:5543177	SSF x Near_LoA	-10,555	-0,052	0,292
CHR3	5547583	CHR3:5547583	SSF x Near_LoA	-9,705	-0,053	0,282
CHR3	5548229	CHR3:5548229	SSF x Near_LoA	-10,166	0,013	0,290
CHR3	5548345	CHR3:5548345	SSF x Near_LoA	-9,679	-0,062	0,298
CHR3	5548369	CHR3:5548369	SSF x Near_LoA	-5,730	-0,029	0,280
CHR3	5551946	CHR3:5551946	SSF x Near_LoA	-8,431	-0,045	0,277
CHR3	5552205	CHR3:5552205	SSF x Near_LoA	-6,298	-0,037	0,288
CHR3	5562936	CHR3:5562936	SSF x Near_LoA	-6,190	0,166	0,282
CHR3	5562945	CHR3:5562945	SSF x Near_LoA	-8,477	-0,007	0,286
CHR3	5563042	CHR3:5563042	SSF x Near_LoA	-9,801	0,005	0,308
CHR3	5563126	CHR3:5563126	SSF x Near_LoA	-7,847	0,195	0,276
CHR3	5563139	CHR3:5563139	SSF x Near_LoA	-8,318	0,084	0,274
CHR3	5593351	CHR3:5593351	SSF x Near_LoA	-9,020	0,065	0,298
CHR3	5593479	CHR3:5593479	SSF x Near_LoA	-10,670	0,108	0,273
CHR3	5599217	CHR3:5599217	SSF x Near_LoA	-7,388	-0,071	0,290
CHR3	5599316	CHR3:5599316	SSF x Near_LoA	-7,750	-0,054	0,284
CHR3	5599982	CHR3:5599982	SSF x Near_LoA	-9,221	0,005	0,289
CHR3	5606919	CHR3:5606919	SSF x Near_LoA	-6,853	-0,119	0,280
CHR3	5607049	CHR3:5607049	SSF x Near_LoA	-9,173	0,128	0,282
CHR3	5607050	CHR3:5607050	SSF x Near_LoA	-6,076	-0,157	0,280
CHR3	5607054	CHR3:5607054	SSF x Near_LoA	-2,000	-0,157	0,272
CHR3	5615225	CHR3:5615225	SSF x Near_LoA	-6,228	-0,133	0,279
CHR3	5622129	CHR3:5622129	SSF x Near_LoA	-7,177	-0,059	0,295
CHR3	5622151	CHR3:5622151	SSF x Near_LoA	-5,475	-0,225	0,269
CHR3	5623388	CHR3:5623388	SSF x Near_LoA	7,836	0,080	0,285
CHR3	5623411	CHR3:5623411	SSF x Near_LoA	-7,447	0,055	0,305
CHR3	5623506	CHR3:5623506	SSF x Near_LoA	-9,996	-0,034	0,283
CHR3	5628159	CHR3:5628159	SSF x Near_LoA	-1,928	-0,127	0,298
CHR3	5631344	CHR3:5631344	SSF x Near_LoA	-9,336	0,053	0,288
CHR3	5631449	CHR3:5631449	SSF x Near_LoA	-9,458	0,060	0,290

CHR3	5642623	CHR3:5642623	SSF x Near_LoA	-9,603	-0,063	0,292
CHR3	5642686	CHR3:5642686	SSF x Near_LoA	-9,634	0,059	0,276
CHR3	5642795	CHR3:5642795	SSF x Near_LoA	-8,233	-0,018	0,305
CHR3	5655223	CHR3:5655223	SSF x Near_LoA	-10,030	0,031	0,295
CHR3	5655424	CHR3:5655424	SSF x Near_LoA	-9,122	0,003	0,293
CHR3	566285	CHR3:566285	SSF x Near_LoA	-8,199	0,106	0,289
CHR3	5664881	CHR3:5664881	SSF x Near_LoA	-6,443	-0,143	0,276
CHR3	5665019	CHR3:5665019	SSF x Near_LoA	-8,356	0,043	0,293
CHR3	5665037	CHR3:5665037	SSF x Near_LoA	-7,612	-0,113	0,289
CHR3	5665148	CHR3:5665148	SSF x Near_LoA	-8,764	0,014	0,288
CHR3	5681046	CHR3:5681046	SSF x Near_LoA	-3,993	0,162	0,275
CHR3	5682299	CHR3:5682299	SSF x Near_LoA	-3,216	-0,131	0,287
CHR3	5682451	CHR3:5682451	SSF x Near_LoA	-7,762	-0,075	0,289
CHR3	5682504	CHR3:5682504	SSF x Near_LoA	-7,144	0,112	0,298
CHR3	5682510	CHR3:5682510	SSF x Near_LoA	-8,268	-0,137	0,290
CHR3	5683446	CHR3:5683446	SSF x Near_LoA	-6,663	-0,176	0,285
CHR3	5683475	CHR3:5683475	SSF x Near_LoA	-7,031	-0,159	0,276
CHR3	5683914	CHR3:5683914	SSF x Near_LoA	-1,890	-0,173	0,279
CHR3	5704622	CHR3:5704622	SSF x Near_LoA	-6,531	-0,150	0,292
CHR3	5704652	CHR3:5704652	SSF x Near_LoA	-3,169	-0,199	0,281
CHR3	5704698	CHR3:5704698	SSF x Near_LoA	-6,893	0,098	0,289
CHR3	5710099	CHR3:5710099	SSF x Near_LoA	-3,180	-0,184	0,278
CHR3	5710150	CHR3:5710150	SSF x Near_LoA	5,704	-0,286	0,251
CHR3	5710272	CHR3:5710272	SSF x Near_LoA	-6,395	-0,033	0,297
CHR3	5710348	CHR3:5710348	SSF x Near_LoA	-7,839	-0,153	0,272
CHR3	5717582	CHR3:5717582	SSF x Near_LoA	-10,854	-0,010	0,274
CHR3	5717631	CHR3:5717631	SSF x Near_LoA	-10,213	-0,019	0,292
CHR3	5717675	CHR3:5717675	SSF x Near_LoA	-8,869	0,087	0,287
CHR3	5717685	CHR3:5717685	SSF x Near_LoA	-9,013	0,113	0,281
CHR3	5719103	CHR3:5719103	SSF x Near_LoA	-6,391	0,063	0,286
CHR3	5719216	CHR3:5719216	SSF x Near_LoA	-9,282	0,113	0,282
CHR3	5719278	CHR3:5719278	SSF x Near_LoA	-5,631	-0,128	0,286
CHR3	5719293	CHR3:5719293	SSF x Near_LoA	-8,448	0,013	0,285
CHR3	5723160	CHR3:5723160	SSF x Near_LoA	-10,518	-0,018	0,286
CHR3	5723281	CHR3:5723281	SSF x Near_LoA	-7,962	-0,009	0,298
CHR3	5752060	CHR3:5752060	SSF x Near_LoA	-5,311	0,256	0,261
CHR3	5752093	CHR3:5752093	SSF x Near_LoA	-6,981	-0,020	0,289
CHR3	5752144	CHR3:5752144	SSF x Near_LoA	-6,804	0,031	0,286
CHR3	5752150	CHR3:5752150	SSF x Near_LoA	-9,022	-0,060	0,292
CHR3	5755300	CHR3:5755300	SSF x Near_LoA	-6,361	-0,194	0,268
CHR3	5755303	CHR3:5755303	SSF x Near_LoA	-5,049	-0,164	0,275
CHR3	5755330	CHR3:5755330	SSF x Near_LoA	-7,209	-0,088	0,294
CHR3	5755339	CHR3:5755339	SSF x Near_LoA	-7,867	-0,064	0,286
CHR3	5755384	CHR3:5755384	SSF x Near_LoA	-5,764	0,124	0,284
CHR3	5761042	CHR3:5761042	SSF x Near_LoA	-9,796	-0,028	0,291
CHR3	5765499	CHR3:5765499	SSF x Near_LoA	-4,908	-0,269	0,266
CHR3	5765730	CHR3:5765730	SSF x Near_LoA	-9,318	-0,013	0,290
CHR3	5768635	CHR3:5768635	SSF x Near_LoA	-7,557	-0,087	0,284
CHR3	5775393	CHR3:5775393	SSF x Near_LoA	-9,925	-0,024	0,281
CHR3	5775428	CHR3:5775428	SSF x Near_LoA	-5,575	0,154	0,271
CHR3	5775591	CHR3:5775591	SSF x Near_LoA	-7,375	0,079	0,262
CHR3	5784769	CHR3:5784769	SSF x Near_LoA	-8,820	-0,144	0,291
CHR3	5784817	CHR3:5784817	SSF x Near_LoA	-10,224	0,017	0,289

CHR3	5792518	CHR3:5792518	SSF x Near_LoA	-7,006	-0,045	0,301
CHR3	5792564	CHR3:5792564	SSF x Near_LoA	-11,181	0,030	0,282
CHR3	5792593	CHR3:5792593	SSF x Near_LoA	-6,897	0,156	0,277
CHR3	5792702	CHR3:5792702	SSF x Near_LoA	-6,982	0,114	0,298
CHR3	5792732	CHR3:5792732	SSF x Near_LoA	-8,383	0,011	0,286
CHR3	5792808	CHR3:5792808	SSF x Near_LoA	-7,104	-0,103	0,275
CHR3	5792819	CHR3:5792819	SSF x Near_LoA	-9,825	-0,038	0,275
CHR3	5809046	CHR3:5809046	SSF x Near_LoA	-8,978	0,023	0,290
CHR3	5814606	CHR3:5814606	SSF x Near_LoA	-7,371	-0,088	0,282
CHR3	5814748	CHR3:5814748	SSF x Near_LoA	-9,895	0,110	0,281
CHR3	5815693	CHR3:5815693	SSF x Near_LoA	-10,652	-0,052	0,279
CHR3	5818011	CHR3:5818011	SSF x Near_LoA	-7,960	0,003	0,301
CHR3	5818089	CHR3:5818089	SSF x Near_LoA	-7,960	-0,058	0,287
CHR3	5820710	CHR3:5820710	SSF x Near_LoA	-9,797	0,077	0,297
CHR3	5843277	CHR3:5843277	SSF x Near_LoA	-6,845	0,099	0,265
CHR3	5850959	CHR3:5850959	SSF x Near_LoA	-9,293	0,127	0,279
CHR3	5850988	CHR3:5850988	SSF x Near_LoA	-9,544	-0,061	0,287
CHR3	5851026	CHR3:5851026	SSF x Near_LoA	-8,183	-0,081	0,288
CHR3	5851041	CHR3:5851041	SSF x Near_LoA	-4,293	-0,168	0,280
CHR3	5851042	CHR3:5851042	SSF x Near_LoA	-5,143	-0,148	0,292
CHR3	5851068	CHR3:5851068	SSF x Near_LoA	-7,662	-0,096	0,287
CHR3	5851093	CHR3:5851093	SSF x Near_LoA	-10,204	0,074	0,277
CHR3	5851096	CHR3:5851096	SSF x Near_LoA	-8,409	0,124	0,279
CHR3	5851102	CHR3:5851102	SSF x Near_LoA	-7,592	-0,006	0,288
CHR3	5851108	CHR3:5851108	SSF x Near_LoA	-8,652	-0,024	0,294
CHR3	5851142	CHR3:5851142	SSF x Near_LoA	-8,744	-0,154	0,277
CHR3	5855240	CHR3:5855240	SSF x Near_LoA	-7,421	-0,070	0,294
CHR3	5855359	CHR3:5855359	SSF x Near_LoA	-10,002	-0,076	0,287
CHR3	5855649	CHR3:5855649	SSF x Near_LoA	-8,579	-0,018	0,291
CHR3	5869654	CHR3:5869654	SSF x Near_LoA	-9,378	-0,120	0,277
CHR3	5869873	CHR3:5869873	SSF x Near_LoA	-9,750	-0,119	0,280
CHR3	5869917	CHR3:5869917	SSF x Near_LoA	-8,016	-0,104	0,288
CHR3	5877055	CHR3:5877055	SSF x Near_LoA	-9,463	0,078	0,284
CHR3	5880183	CHR3:5880183	SSF x Near_LoA	-8,437	0,114	0,286
CHR3	5882777	CHR3:5882777	SSF x Near_LoA	-6,004	0,038	0,282
CHR3	5882781	CHR3:5882781	SSF x Near_LoA	-9,162	-0,009	0,292
CHR3	5882810	CHR3:5882810	SSF x Near_LoA	-7,021	-0,122	0,287
CHR3	5882859	CHR3:5882859	SSF x Near_LoA	-2,452	0,268	0,258
CHR3	5882920	CHR3:5882920	SSF x Near_LoA	-7,127	0,127	0,294
CHR3	5882946	CHR3:5882946	SSF x Near_LoA	-10,459	-0,006	0,291
CHR3	5883026	CHR3:5883026	SSF x Near_LoA	-9,244	-0,028	0,289
CHR3	5893171	CHR3:5893171	SSF x Near_LoA	-7,802	-0,083	0,270
CHR3	5893222	CHR3:5893222	SSF x Near_LoA	-7,484	0,012	0,293
CHR3	5893396	CHR3:5893396	SSF x Near_LoA	-6,925	0,031	0,281
CHR3	5893414	CHR3:5893414	SSF x Near_LoA	-9,993	0,090	0,282
CHR3	589795	CHR3:589795	SSF x Near_LoA	-6,582	0,049	0,285
CHR3	5907683	CHR3:5907683	SSF x Near_LoA	-2,602	-0,066	0,287
CHR3	5907849	CHR3:5907849	SSF x Near_LoA	-7,656	0,016	0,284
CHR3	5908946	CHR3:5908946	SSF x Near_LoA	-7,212	-0,044	0,300
CHR3	5909029	CHR3:5909029	SSF x Near_LoA	-10,111	0,044	0,290
CHR3	5918383	CHR3:5918383	SSF x Near_LoA	-9,517	0,019	0,279
CHR3	5923828	CHR3:5923828	SSF x Near_LoA	-9,206	-0,006	0,290
CHR3	5925626	CHR3:5925626	SSF x Near_LoA	-4,821	0,109	0,276

CHR3	5940856	CHR3:5940856	SSF x Near_LoA	-5,185	-0,233	0,267
CHR3	5952351	CHR3:5952351	SSF x Near_LoA	-8,609	-0,111	0,281
CHR3	5952394	CHR3:5952394	SSF x Near_LoA	-8,563	-0,050	0,302
CHR3	5961956	CHR3:5961956	SSF x Near_LoA	-0,827	0,162	0,292
CHR3	5961977	CHR3:5961977	SSF x Near_LoA	-2,550	0,245	0,270
CHR3	5963442	CHR3:5963442	SSF x Near_LoA	-8,022	-0,022	0,277
CHR3	5981095	CHR3:5981095	SSF x Near_LoA	-7,616	0,016	0,275
CHR3	5981112	CHR3:5981112	SSF x Near_LoA	-8,530	0,083	0,291
CHR3	5981113	CHR3:5981113	SSF x Near_LoA	-9,629	0,024	0,304
CHR3	5981300	CHR3:5981300	SSF x Near_LoA	-7,410	0,022	0,267
CHR3	5981418	CHR3:5981418	SSF x Near_LoA	-4,231	-0,201	0,284
CHR3	5981426	CHR3:5981426	SSF x Near_LoA	-9,315	-0,003	0,277
CHR3	5981448	CHR3:5981448	SSF x Near_LoA	-6,652	0,151	0,279
CHR3	5997825	CHR3:5997825	SSF x Near_LoA	-8,979	-0,008	0,278
CHR3	5997907	CHR3:5997907	SSF x Near_LoA	-8,749	-0,014	0,300
CHR3	5997940	CHR3:5997940	SSF x Near_LoA	-9,062	-0,076	0,283
CHR3	600642	CHR3:600642	SSF x Near_LoA	-6,841	0,039	0,286
CHR3	6033585	CHR3:6033585	SSF x Near_LoA	-3,214	-0,243	0,246
CHR3	6033603	CHR3:6033603	SSF x Near_LoA	-8,023	0,057	0,266
CHR3	6033711	CHR3:6033711	SSF x Near_LoA	-11,188	-0,036	0,285
CHR3	6033720	CHR3:6033720	SSF x Near_LoA	-8,073	-0,043	0,291
CHR3	6033728	CHR3:6033728	SSF x Near_LoA	-7,818	-0,141	0,277
CHR3	6033758	CHR3:6033758	SSF x Near_LoA	-2,675	0,003	0,291
CHR3	6033767	CHR3:6033767	SSF x Near_LoA	-7,508	0,099	0,283
CHR3	6033768	CHR3:6033768	SSF x Near_LoA	-6,392	-0,138	0,296
CHR3	6042630	CHR3:6042630	SSF x Near_LoA	-0,564	-0,205	0,274
CHR3	6042804	CHR3:6042804	SSF x Near_LoA	-8,734	0,028	0,267
CHR3	6042816	CHR3:6042816	SSF x Near_LoA	-6,637	0,033	0,279
CHR3	6046980	CHR3:6046980	SSF x Near_LoA	-5,195	-0,127	0,287
CHR3	6052455	CHR3:6052455	SSF x Near_LoA	-7,143	0,071	0,291
CHR3	6052458	CHR3:6052458	SSF x Near_LoA	-8,732	0,010	0,296
CHR3	6052466	CHR3:6052466	SSF x Near_LoA	-6,998	0,031	0,294
CHR3	6052471	CHR3:6052471	SSF x Near_LoA	-7,201	0,026	0,293
CHR3	6052528	CHR3:6052528	SSF x Near_LoA	-7,581	-0,061	0,295
CHR3	6052529	CHR3:6052529	SSF x Near_LoA	-8,487	-0,090	0,287
CHR3	6052581	CHR3:6052581	SSF x Near_LoA	-9,779	-0,040	0,283
CHR3	6052685	CHR3:6052685	SSF x Near_LoA	-6,665	-0,122	0,286
CHR3	6052734	CHR3:6052734	SSF x Near_LoA	-7,921	-0,069	0,277
CHR3	6063533	CHR3:6063533	SSF x Near_LoA	-8,196	-0,026	0,279
CHR3	6063552	CHR3:6063552	SSF x Near_LoA	-6,899	0,152	0,271
CHR3	6063564	CHR3:6063564	SSF x Near_LoA	-7,570	-0,009	0,291
CHR3	6063638	CHR3:6063638	SSF x Near_LoA	-5,699	-0,004	0,282
CHR3	6063650	CHR3:6063650	SSF x Near_LoA	-8,422	0,029	0,292
CHR3	6063678	CHR3:6063678	SSF x Near_LoA	-10,019	0,046	0,288
CHR3	6063823	CHR3:6063823	SSF x Near_LoA	-7,464	-0,076	0,297
CHR3	6063874	CHR3:6063874	SSF x Near_LoA	-5,459	-0,180	0,286
CHR3	6096032	CHR3:6096032	SSF x Near_LoA	-5,616	-0,062	0,297
CHR3	6096122	CHR3:6096122	SSF x Near_LoA	-6,923	0,002	0,295
CHR3	6101393	CHR3:6101393	SSF x Near_LoA	-0,538	-0,145	0,263
CHR3	6143346	CHR3:6143346	SSF x Near_LoA	-9,018	-0,136	0,260
CHR3	6149567	CHR3:6149567	SSF x Near_LoA	-6,017	-0,221	0,279
CHR3	6149963	CHR3:6149963	SSF x Near_LoA	-4,695	0,009	0,278
CHR3	6149983	CHR3:6149983	SSF x Near_LoA	-8,304	-0,059	0,306

CHR3	6149984	CHR3:6149984	SSF x Near_LoA	-8,447	0,060	0,294
CHR3	6150003	CHR3:6150003	SSF x Near_LoA	-1,353	-0,230	0,264
CHR3	6150038	CHR3:6150038	SSF x Near_LoA	-5,398	0,213	0,278
CHR3	6150063	CHR3:6150063	SSF x Near_LoA	-2,662	-0,284	0,254
CHR3	6154530	CHR3:6154530	SSF x Near_LoA	0,603	-0,181	0,270
CHR3	6154597	CHR3:6154597	SSF x Near_LoA	-6,769	0,101	0,285
CHR3	6156971	CHR3:6156971	SSF x Near_LoA	-6,060	0,202	0,262
CHR3	6173997	CHR3:6173997	SSF x Near_LoA	-7,154	-0,067	0,286
CHR3	6174067	CHR3:6174067	SSF x Near_LoA	-8,208	-0,054	0,282
CHR3	6174081	CHR3:6174081	SSF x Near_LoA	-5,496	0,161	0,280
CHR3	6174098	CHR3:6174098	SSF x Near_LoA	-10,344	-0,021	0,294
CHR3	6174103	CHR3:6174103	SSF x Near_LoA	-4,800	0,167	0,272
CHR3	6174168	CHR3:6174168	SSF x Near_LoA	-8,897	-0,153	0,276
CHR3	6185909	CHR3:6185909	SSF x Near_LoA	-11,039	0,038	0,274
CHR3	6185939	CHR3:6185939	SSF x Near_LoA	-11,005	-0,064	0,279
CHR3	6189793	CHR3:6189793	SSF x Near_LoA	-6,454	-0,124	0,288
CHR3	6189794	CHR3:6189794	SSF x Near_LoA	-4,659	-0,137	0,294
CHR3	6190082	CHR3:6190082	SSF x Near_LoA	1,702	0,183	0,276
CHR3	6202610	CHR3:6202610	SSF x Near_LoA	-8,074	-0,006	0,259
CHR3	6202719	CHR3:6202719	SSF x Near_LoA	-11,000	0,011	0,282
CHR3	6202758	CHR3:6202758	SSF x Near_LoA	-10,669	0,052	0,290
CHR3	6202821	CHR3:6202821	SSF x Near_LoA	-7,079	0,009	0,288
CHR3	6202843	CHR3:6202843	SSF x Near_LoA	-9,360	0,015	0,285
CHR3	6211027	CHR3:6211027	SSF x Near_LoA	-9,906	-0,043	0,294
CHR3	6211031	CHR3:6211031	SSF x Near_LoA	-9,961	-0,037	0,307
CHR3	6219376	CHR3:6219376	SSF x Near_LoA	-0,588	0,042	0,273
CHR3	6219463	CHR3:6219463	SSF x Near_LoA	-6,395	-0,160	0,280
CHR3	6219565	CHR3:6219565	SSF x Near_LoA	-6,793	-0,073	0,278
CHR3	6219567	CHR3:6219567	SSF x Near_LoA	-7,240	-0,090	0,291
CHR3	6219588	CHR3:6219588	SSF x Near_LoA	-6,462	-0,147	0,278
CHR3	6219608	CHR3:6219608	SSF x Near_LoA	-7,560	-0,108	0,277
CHR3	6226399	CHR3:6226399	SSF x Near_LoA	-8,161	0,021	0,295
CHR3	6226493	CHR3:6226493	SSF x Near_LoA	-7,939	-0,013	0,287
CHR3	6234944	CHR3:6234944	SSF x Near_LoA	-9,017	0,021	0,287
CHR3	6237056	CHR3:6237056	SSF x Near_LoA	-7,799	0,076	0,278
CHR3	6237064	CHR3:6237064	SSF x Near_LoA	-7,628	0,090	0,272
CHR3	6237079	CHR3:6237079	SSF x Near_LoA	-5,889	-0,121	0,284
CHR3	6237123	CHR3:6237123	SSF x Near_LoA	-8,138	-0,104	0,285
CHR3	6244000	CHR3:6244000	SSF x Near_LoA	-10,135	0,013	0,290
CHR3	6244045	CHR3:6244045	SSF x Near_LoA	-8,715	0,012	0,292
CHR3	6244076	CHR3:6244076	SSF x Near_LoA	-8,449	0,005	0,288
CHR3	6244088	CHR3:6244088	SSF x Near_LoA	-8,465	0,012	0,300
CHR3	6244123	CHR3:6244123	SSF x Near_LoA	-8,424	-0,096	0,286
CHR3	6244162	CHR3:6244162	SSF x Near_LoA	-7,877	-0,066	0,296
CHR3	6244257	CHR3:6244257	SSF x Near_LoA	-9,981	-0,014	0,280
CHR3	6247313	CHR3:6247313	SSF x Near_LoA	-9,314	0,136	0,264
CHR3	6247458	CHR3:6247458	SSF x Near_LoA	-9,444	-0,109	0,283
CHR3	6247465	CHR3:6247465	SSF x Near_LoA	-3,881	-0,212	0,258
CHR3	6248199	CHR3:6248199	SSF x Near_LoA	-7,091	0,038	0,306
CHR3	6254026	CHR3:6254026	SSF x Near_LoA	-8,493	0,029	0,291
CHR3	6273763	CHR3:6273763	SSF x Near_LoA	-8,794	-0,056	0,275
CHR3	6285123	CHR3:6285123	SSF x Near_LoA	-9,845	0,095	0,279
CHR3	6289414	CHR3:6289414	SSF x Near_LoA	-7,848	0,065	0,288

CHR3	6299388	CHR3:6299388	SSF x Near_LoA	-6,294	0,114	0,287
CHR3	6299397	CHR3:6299397	SSF x Near_LoA	-8,558	-0,075	0,284
CHR3	6299544	CHR3:6299544	SSF x Near_LoA	-6,777	-0,107	0,289
CHR3	6311019	CHR3:6311019	SSF x Near_LoA	-7,173	-0,119	0,275
CHR3	6311062	CHR3:6311062	SSF x Near_LoA	-6,211	0,002	0,280
CHR3	6311426	CHR3:6311426	SSF x Near_LoA	-2,974	-0,103	0,299
CHR3	6311469	CHR3:6311469	SSF x Near_LoA	-8,805	0,004	0,292
CHR3	6385013	CHR3:6385013	SSF x Near_LoA	-6,131	-0,134	0,280
CHR3	6385018	CHR3:6385018	SSF x Near_LoA	-7,344	-0,083	0,287
CHR3	6390901	CHR3:6390901	SSF x Near_LoA	-8,527	-0,088	0,273
CHR3	6393345	CHR3:6393345	SSF x Near_LoA	-10,150	-0,037	0,282
CHR3	6393352	CHR3:6393352	SSF x Near_LoA	-9,726	-0,028	0,295
CHR3	6393358	CHR3:6393358	SSF x Near_LoA	-9,549	-0,049	0,291
CHR3	6393405	CHR3:6393405	SSF x Near_LoA	-5,682	0,134	0,278
CHR3	6393470	CHR3:6393470	SSF x Near_LoA	-6,867	-0,106	0,279
CHR3	6405452	CHR3:6405452	SSF x Near_LoA	-7,422	0,079	0,272
CHR3	6445463	CHR3:6445463	SSF x Near_LoA	-2,239	-0,232	0,279
CHR3	6445488	CHR3:6445488	SSF x Near_LoA	-9,767	-0,111	0,278
CHR3	6445620	CHR3:6445620	SSF x Near_LoA	-9,631	0,083	0,286
CHR3	6473995	CHR3:6473995	SSF x Near_LoA	-6,541	0,101	0,294
CHR3	6474046	CHR3:6474046	SSF x Near_LoA	-7,350	-0,094	0,294
CHR3	6474060	CHR3:6474060	SSF x Near_LoA	-9,375	0,007	0,279
CHR3	6483913	CHR3:6483913	SSF x Near_LoA	-7,042	-0,098	0,281
CHR3	6483914	CHR3:6483914	SSF x Near_LoA	-10,083	0,063	0,279
CHR3	6484089	CHR3:6484089	SSF x Near_LoA	-10,267	-0,071	0,289
CHR3	6488968	CHR3:6488968	SSF x Near_LoA	-8,728	-0,006	0,288
CHR3	6491280	CHR3:6491280	SSF x Near_LoA	-10,887	-0,021	0,296
CHR3	6491284	CHR3:6491284	SSF x Near_LoA	-8,208	-0,099	0,291
CHR3	6491288	CHR3:6491288	SSF x Near_LoA	-6,694	-0,045	0,291
CHR3	6491443	CHR3:6491443	SSF x Near_LoA	-7,454	0,032	0,283
CHR3	6515847	CHR3:6515847	SSF x Near_LoA	-9,499	-0,036	0,295
CHR3	6515912	CHR3:6515912	SSF x Near_LoA	-8,668	-0,074	0,292
CHR3	6515944	CHR3:6515944	SSF x Near_LoA	-7,662	-0,075	0,296
CHR3	6515948	CHR3:6515948	SSF x Near_LoA	-7,843	-0,079	0,276
CHR3	6515991	CHR3:6515991	SSF x Near_LoA	-8,376	0,151	0,264
CHR3	6515995	CHR3:6515995	SSF x Near_LoA	-6,423	0,193	0,266
CHR3	6516080	CHR3:6516080	SSF x Near_LoA	-8,534	0,145	0,281
CHR3	6521305	CHR3:6521305	SSF x Near_LoA	-7,460	0,075	0,286
CHR3	6521529	CHR3:6521529	SSF x Near_LoA	-7,826	-0,049	0,274
CHR3	6521535	CHR3:6521535	SSF x Near_LoA	-5,640	0,214	0,265
CHR3	6523918	CHR3:6523918	SSF x Near_LoA	-10,705	-0,080	0,279
CHR3	6529537	CHR3:6529537	SSF x Near_LoA	-7,207	0,029	0,300
CHR3	6529563	CHR3:6529563	SSF x Near_LoA	-6,676	0,107	0,291
CHR3	6529713	CHR3:6529713	SSF x Near_LoA	-8,792	0,061	0,285
CHR3	6531543	CHR3:6531543	SSF x Near_LoA	-8,136	0,093	0,282
CHR3	6531556	CHR3:6531556	SSF x Near_LoA	-8,812	0,071	0,283
CHR3	6535446	CHR3:6535446	SSF x Near_LoA	-7,500	-0,184	0,289
CHR3	6550892	CHR3:6550892	SSF x Near_LoA	-10,411	-0,087	0,271
CHR3	6551035	CHR3:6551035	SSF x Near_LoA	0,734	-0,157	0,281
CHR3	6567184	CHR3:6567184	SSF x Near_LoA	-3,992	-0,172	0,292
CHR3	6567307	CHR3:6567307	SSF x Near_LoA	-9,359	0,136	0,291
CHR3	6569267	CHR3:6569267	SSF x Near_LoA	-10,235	0,009	0,288
CHR3	6569447	CHR3:6569447	SSF x Near_LoA	-5,687	0,169	0,292

CHR3	6569455	CHR3:6569455	SSF x Near_LoA	-7,314	-0,039	0,270
CHR3	6569456	CHR3:6569456	SSF x Near_LoA	-8,247	-0,033	0,262
CHR3	6569726	CHR3:6569726	SSF x Near_LoA	-5,329	0,141	0,266
CHR3	6569728	CHR3:6569728	SSF x Near_LoA	-8,147	-0,087	0,265
CHR3	6569741	CHR3:6569741	SSF x Near_LoA	-6,261	-0,101	0,267
CHR3	6569742	CHR3:6569742	SSF x Near_LoA	-8,997	-0,087	0,276
CHR3	6576064	CHR3:6576064	SSF x Near_LoA	-7,191	0,058	0,307
CHR3	6576947	CHR3:6576947	SSF x Near_LoA	-10,338	0,011	0,274
CHR3	6578070	CHR3:6578070	SSF x Near_LoA	-8,619	0,101	0,277
CHR3	6578071	CHR3:6578071	SSF x Near_LoA	-7,706	-0,098	0,282
CHR3	6625877	CHR3:6625877	SSF x Near_LoA	-5,301	0,206	0,280
CHR3	6625935	CHR3:6625935	SSF x Near_LoA	-2,538	0,199	0,275
CHR3	6641810	CHR3:6641810	SSF x Near_LoA	-6,488	-0,087	0,279
CHR3	6641821	CHR3:6641821	SSF x Near_LoA	-7,945	-0,096	0,265
CHR3	6641843	CHR3:6641843	SSF x Near_LoA	-7,720	0,015	0,295
CHR3	6649789	CHR3:6649789	SSF x Near_LoA	-10,419	0,093	0,280
CHR3	6649792	CHR3:6649792	SSF x Near_LoA	-7,868	-0,072	0,288
CHR3	6649820	CHR3:6649820	SSF x Near_LoA	-9,287	-0,044	0,280
CHR3	6649884	CHR3:6649884	SSF x Near_LoA	-7,653	-0,046	0,293
CHR3	6665723	CHR3:6665723	SSF x Near_LoA	2,219	-0,069	0,274
CHR3	6665810	CHR3:6665810	SSF x Near_LoA	-7,119	0,058	0,277
CHR3	6670764	CHR3:6670764	SSF x Near_LoA	-8,054	-0,018	0,279
CHR3	6698195	CHR3:6698195	SSF x Near_LoA	-0,121	-0,076	0,289
CHR3	6701516	CHR3:6701516	SSF x Near_LoA	-9,741	-0,050	0,284
CHR3	6701517	CHR3:6701517	SSF x Near_LoA	-9,205	0,090	0,280
CHR3	675372	CHR3:675372	SSF x Near_LoA	-6,776	-0,245	0,272
CHR3	675377	CHR3:675377	SSF x Near_LoA	-4,359	-0,239	0,273
CHR3	6753913	CHR3:6753913	SSF x Near_LoA	-6,293	0,095	0,271
CHR3	6753960	CHR3:6753960	SSF x Near_LoA	-8,343	0,072	0,276
CHR3	6754657	CHR3:6754657	SSF x Near_LoA	-4,931	0,167	0,287
CHR3	6754662	CHR3:6754662	SSF x Near_LoA	-6,963	0,097	0,293
CHR3	6754727	CHR3:6754727	SSF x Near_LoA	-8,327	0,062	0,298
CHR3	676209	CHR3:676209	SSF x Near_LoA	-9,075	0,076	0,295
CHR3	676308	CHR3:676308	SSF x Near_LoA	-4,244	-0,223	0,266
CHR3	6764084	CHR3:6764084	SSF x Near_LoA	-6,877	0,042	0,305
CHR3	6764331	CHR3:6764331	SSF x Near_LoA	-9,573	0,021	0,289
CHR3	6764346	CHR3:6764346	SSF x Near_LoA	-9,195	-0,037	0,278
CHR3	6764372	CHR3:6764372	SSF x Near_LoA	-8,759	0,046	0,285
CHR3	6769782	CHR3:6769782	SSF x Near_LoA	-7,981	0,053	0,278
CHR3	6775577	CHR3:6775577	SSF x Near_LoA	-7,081	0,127	0,286
CHR3	6775622	CHR3:6775622	SSF x Near_LoA	-9,066	0,062	0,281
CHR3	6775691	CHR3:6775691	SSF x Near_LoA	-9,873	-0,031	0,309
CHR3	6775737	CHR3:6775737	SSF x Near_LoA	-7,355	0,111	0,301
CHR3	6775769	CHR3:6775769	SSF x Near_LoA	-9,570	0,032	0,285
CHR3	678033	CHR3:678033	SSF x Near_LoA	-8,877	-0,081	0,290
CHR3	678110	CHR3:678110	SSF x Near_LoA	-10,711	-0,059	0,298
CHR3	678140	CHR3:678140	SSF x Near_LoA	-10,994	-0,059	0,288
CHR3	6791978	CHR3:6791978	SSF x Near_LoA	-9,969	-0,012	0,287
CHR3	6791986	CHR3:6791986	SSF x Near_LoA	-9,898	0,003	0,285
CHR3	6792004	CHR3:6792004	SSF x Near_LoA	-5,835	-0,029	0,283
CHR3	6799746	CHR3:6799746	SSF x Near_LoA	-7,261	0,022	0,300
CHR3	6837166	CHR3:6837166	SSF x Near_LoA	-9,880	-0,044	0,288
CHR3	6837399	CHR3:6837399	SSF x Near_LoA	-7,295	-0,142	0,279

CHR3	6842592	CHR3:6842592	SSF x Near_LoA	-8,184	0,037	0,276
CHR3	6875928	CHR3:6875928	SSF x Near_LoA	-8,929	0,086	0,280
CHR3	6875952	CHR3:6875952	SSF x Near_LoA	-8,665	0,172	0,276
CHR3	6875959	CHR3:6875959	SSF x Near_LoA	-9,659	-0,052	0,300
CHR3	6890092	CHR3:6890092	SSF x Near_LoA	-0,623	-0,222	0,284
CHR3	6890095	CHR3:6890095	SSF x Near_LoA	-9,362	0,091	0,284
CHR3	6890133	CHR3:6890133	SSF x Near_LoA	-9,973	0,104	0,276
CHR3	6890141	CHR3:6890141	SSF x Near_LoA	-6,058	0,166	0,262
CHR3	6890176	CHR3:6890176	SSF x Near_LoA	-7,168	0,094	0,286
CHR3	6890182	CHR3:6890182	SSF x Near_LoA	-7,678	0,138	0,284
CHR3	6890218	CHR3:6890218	SSF x Near_LoA	-8,427	-0,113	0,284
CHR3	6890235	CHR3:6890235	SSF x Near_LoA	-10,209	-0,038	0,268
CHR3	6897884	CHR3:6897884	SSF x Near_LoA	-9,096	0,138	0,281
CHR3	6897943	CHR3:6897943	SSF x Near_LoA	-9,576	0,002	0,282
CHR3	6897946	CHR3:6897946	SSF x Near_LoA	-2,452	-0,039	0,293
CHR3	6897956	CHR3:6897956	SSF x Near_LoA	-4,268	-0,083	0,284
CHR3	6897974	CHR3:6897974	SSF x Near_LoA	-5,372	-0,123	0,267
CHR3	6897991	CHR3:6897991	SSF x Near_LoA	-7,645	0,024	0,286
CHR3	6898220	CHR3:6898220	SSF x Near_LoA	-10,491	-0,060	0,286
CHR3	690979	CHR3:690979	SSF x Near_LoA	-9,589	-0,049	0,284
CHR3	6938914	CHR3:6938914	SSF x Near_LoA	-7,233	-0,093	0,285
CHR3	6938921	CHR3:6938921	SSF x Near_LoA	-8,652	0,089	0,279
CHR3	6939063	CHR3:6939063	SSF x Near_LoA	-5,600	-0,215	0,259
CHR3	6947213	CHR3:6947213	SSF x Near_LoA	-5,928	0,040	0,292
CHR3	6947344	CHR3:6947344	SSF x Near_LoA	-7,062	-0,060	0,279
CHR3	6959843	CHR3:6959843	SSF x Near_LoA	-8,395	-0,102	0,284
CHR3	6960024	CHR3:6960024	SSF x Near_LoA	-7,835	0,025	0,279
CHR3	6960026	CHR3:6960026	SSF x Near_LoA	-6,736	0,008	0,296
CHR3	6960057	CHR3:6960057	SSF x Near_LoA	-7,149	0,002	0,303
CHR3	6974286	CHR3:6974286	SSF x Near_LoA	-6,798	-0,128	0,294
CHR3	6974366	CHR3:6974366	SSF x Near_LoA	-8,560	-0,069	0,289
CHR3	6974390	CHR3:6974390	SSF x Near_LoA	-7,395	-0,034	0,294
CHR3	6974616	CHR3:6974616	SSF x Near_LoA	-8,660	-0,025	0,297
CHR3	6974644	CHR3:6974644	SSF x Near_LoA	-7,145	0,098	0,297
CHR3	6974692	CHR3:6974692	SSF x Near_LoA	-7,732	0,072	0,291
CHR3	6981415	CHR3:6981415	SSF x Near_LoA	-7,337	0,049	0,294
CHR3	6981438	CHR3:6981438	SSF x Near_LoA	-6,985	0,109	0,304
CHR3	6981500	CHR3:6981500	SSF x Near_LoA	-10,522	0,008	0,285
CHR3	6981501	CHR3:6981501	SSF x Near_LoA	-9,833	-0,040	0,288
CHR3	6981735	CHR3:6981735	SSF x Near_LoA	-8,253	0,053	0,281
CHR3	698403	CHR3:698403	SSF x Near_LoA	-8,272	0,044	0,285
CHR3	698444	CHR3:698444	SSF x Near_LoA	-10,158	-0,019	0,281
CHR3	698488	CHR3:698488	SSF x Near_LoA	-10,499	-0,009	0,279
CHR3	6986306	CHR3:6986306	SSF x Near_LoA	-6,985	-0,057	0,294
CHR3	6986385	CHR3:6986385	SSF x Near_LoA	-9,896	-0,072	0,287
CHR3	6986436	CHR3:6986436	SSF x Near_LoA	-6,140	-0,166	0,284
CHR3	6986763	CHR3:6986763	SSF x Near_LoA	-7,341	-0,113	0,288
CHR3	6991343	CHR3:6991343	SSF x Near_LoA	-9,427	-0,055	0,289
CHR3	6991412	CHR3:6991412	SSF x Near_LoA	-3,603	-0,153	0,281
CHR3	6991442	CHR3:6991442	SSF x Near_LoA	-7,693	0,066	0,296
CHR3	6991544	CHR3:6991544	SSF x Near_LoA	-5,293	0,150	0,280
CHR3	6991643	CHR3:6991643	SSF x Near_LoA	-4,149	0,193	0,273
CHR3	6991700	CHR3:6991700	SSF x Near_LoA	-5,096	0,234	0,256

CHR3	6993244	CHR3:6993244	SSF x Near_LoA	-9,535	-0,030	0,287
CHR3	6993470	CHR3:6993470	SSF x Near_LoA	-9,971	0,037	0,289
CHR3	710591	CHR3:710591	SSF x Near_LoA	-8,970	0,004	0,288
CHR3	710634	CHR3:710634	SSF x Near_LoA	-8,338	0,059	0,284
CHR3	710738	CHR3:710738	SSF x Near_LoA	-7,739	0,117	0,288
CHR3	724624	CHR3:724624	SSF x Near_LoA	-8,180	0,094	0,276
CHR3	7298956	CHR3:7298956	SSF x Near_LoA	-3,901	-0,026	0,287
CHR3	7298995	CHR3:7298995	SSF x Near_LoA	-7,770	0,005	0,270
CHR3	7299061	CHR3:7299061	SSF x Near_LoA	-8,057	0,051	0,277
CHR3	7316146	CHR3:7316146	SSF x Near_LoA	-9,630	-0,064	0,289
CHR3	7353781	CHR3:7353781	SSF x Near_LoA	-5,845	-0,071	0,295
CHR3	7354044	CHR3:7354044	SSF x Near_LoA	-7,372	-0,012	0,292
CHR3	7363152	CHR3:7363152	SSF x Near_LoA	-6,794	-0,143	0,293
CHR3	738004	CHR3:738004	SSF x Near_LoA	-8,558	0,044	0,285
CHR3	738212	CHR3:738212	SSF x Near_LoA	-8,401	0,006	0,298
CHR3	738228	CHR3:738228	SSF x Near_LoA	-7,074	0,099	0,286
CHR3	740327	CHR3:740327	SSF x Near_LoA	-5,704	-0,204	0,274
CHR3	7448734	CHR3:7448734	SSF x Near_LoA	-5,600	0,032	0,293
CHR3	7465697	CHR3:7465697	SSF x Near_LoA	-7,217	0,035	0,288
CHR3	7465754	CHR3:7465754	SSF x Near_LoA	-7,119	-0,039	0,289
CHR3	7465785	CHR3:7465785	SSF x Near_LoA	-7,872	-0,026	0,287
CHR3	7470480	CHR3:7470480	SSF x Near_LoA	-8,892	-0,044	0,275
CHR3	7470681	CHR3:7470681	SSF x Near_LoA	-3,564	0,110	0,285
CHR3	7470735	CHR3:7470735	SSF x Near_LoA	-8,067	-0,007	0,298
CHR3	751269	CHR3:751269	SSF x Near_LoA	-8,236	0,012	0,288
CHR3	751321	CHR3:751321	SSF x Near_LoA	-9,972	-0,008	0,290
CHR3	7519328	CHR3:7519328	SSF x Near_LoA	-9,679	-0,024	0,283
CHR3	7519349	CHR3:7519349	SSF x Near_LoA	-7,459	0,044	0,288
CHR3	7596915	CHR3:7596915	SSF x Near_LoA	-8,959	-0,065	0,291
CHR3	7596916	CHR3:7596916	SSF x Near_LoA	-3,791	0,175	0,281
CHR3	7596962	CHR3:7596962	SSF x Near_LoA	-10,172	-0,026	0,303
CHR3	7596973	CHR3:7596973	SSF x Near_LoA	-10,314	-0,098	0,281
CHR3	7598507	CHR3:7598507	SSF x Near_LoA	-7,237	-0,082	0,288
CHR3	7613460	CHR3:7613460	SSF x Near_LoA	-3,812	-0,168	0,284
CHR3	7632535	CHR3:7632535	SSF x Near_LoA	-6,915	-0,084	0,269
CHR3	7632747	CHR3:7632747	SSF x Near_LoA	-10,106	-0,084	0,282
CHR3	7638713	CHR3:7638713	SSF x Near_LoA	-7,369	0,120	0,287
CHR3	7638714	CHR3:7638714	SSF x Near_LoA	-3,095	-0,201	0,279
CHR3	764530	CHR3:764530	SSF x Near_LoA	-8,476	-0,044	0,296
CHR3	764636	CHR3:764636	SSF x Near_LoA	-4,548	0,191	0,295
CHR3	764778	CHR3:764778	SSF x Near_LoA	-8,357	-0,013	0,304
CHR3	7649586	CHR3:7649586	SSF x Near_LoA	-7,741	-0,022	0,287
CHR3	7688330	CHR3:7688330	SSF x Near_LoA	-3,061	0,186	0,276
CHR3	7694193	CHR3:7694193	SSF x Near_LoA	-7,196	0,133	0,280
CHR3	7694443	CHR3:7694443	SSF x Near_LoA	-9,537	0,084	0,282
CHR3	769805	CHR3:769805	SSF x Near_LoA	-9,124	0,081	0,284
CHR3	769845	CHR3:769845	SSF x Near_LoA	-8,879	0,068	0,297
CHR3	769890	CHR3:769890	SSF x Near_LoA	-8,132	0,010	0,292
CHR3	769967	CHR3:769967	SSF x Near_LoA	-7,737	-0,013	0,281
CHR3	771473	CHR3:771473	SSF x Near_LoA	-8,124	0,103	0,288
CHR3	771480	CHR3:771480	SSF x Near_LoA	-7,588	0,048	0,288
CHR3	771672	CHR3:771672	SSF x Near_LoA	-6,657	-0,029	0,281
CHR3	771710	CHR3:771710	SSF x Near_LoA	-7,458	0,088	0,283

CHR3	771714	CHR3:771714	SSF x Near_LoA	-8,075	-0,026	0,281
CHR3	7718785	CHR3:7718785	SSF x Near_LoA	-8,089	0,027	0,294
CHR3	7718873	CHR3:7718873	SSF x Near_LoA	-9,498	0,105	0,278
CHR3	7718925	CHR3:7718925	SSF x Near_LoA	-7,155	0,065	0,282
CHR3	7719006	CHR3:7719006	SSF x Near_LoA	-8,410	-0,126	0,296
CHR3	7719025	CHR3:7719025	SSF x Near_LoA	-7,271	-0,143	0,275
CHR3	7735230	CHR3:7735230	SSF x Near_LoA	-7,623	-0,102	0,284
CHR3	7735232	CHR3:7735232	SSF x Near_LoA	-7,106	-0,133	0,277
CHR3	7735234	CHR3:7735234	SSF x Near_LoA	-5,991	-0,117	0,268
CHR3	7735260	CHR3:7735260	SSF x Near_LoA	-6,033	-0,098	0,274
CHR3	7735322	CHR3:7735322	SSF x Near_LoA	-5,847	-0,053	0,292
CHR3	773850	CHR3:773850	SSF x Near_LoA	-8,683	0,047	0,272
CHR3	773888	CHR3:773888	SSF x Near_LoA	-10,095	0,059	0,292
CHR3	773954	CHR3:773954	SSF x Near_LoA	-7,803	0,001	0,292
CHR3	774107	CHR3:774107	SSF x Near_LoA	-9,319	-0,144	0,275
CHR3	774199	CHR3:774199	SSF x Near_LoA	-9,434	-0,137	0,280
CHR3	774220	CHR3:774220	SSF x Near_LoA	-9,771	-0,107	0,274
CHR3	774242	CHR3:774242	SSF x Near_LoA	-7,690	-0,164	0,274
CHR3	774263	CHR3:774263	SSF x Near_LoA	-9,223	0,103	0,265
CHR3	7742637	CHR3:7742637	SSF x Near_LoA	-1,258	0,138	0,285
CHR3	7742790	CHR3:7742790	SSF x Near_LoA	-6,400	-0,009	0,290
CHR3	7747521	CHR3:7747521	SSF x Near_LoA	-8,052	-0,091	0,286
CHR3	7747637	CHR3:7747637	SSF x Near_LoA	-7,879	0,032	0,275
CHR3	7747677	CHR3:7747677	SSF x Near_LoA	-9,209	-0,075	0,298
CHR3	7750833	CHR3:7750833	SSF x Near_LoA	-8,215	0,075	0,286
CHR3	7750882	CHR3:7750882	SSF x Near_LoA	-9,639	-0,099	0,287
CHR3	7750911	CHR3:7750911	SSF x Near_LoA	-8,597	0,058	0,271
CHR3	7750912	CHR3:7750912	SSF x Near_LoA	-10,179	0,064	0,256
CHR3	7751059	CHR3:7751059	SSF x Near_LoA	-7,958	0,120	0,272
CHR3	7751114	CHR3:7751114	SSF x Near_LoA	-8,261	0,028	0,291
CHR3	7751121	CHR3:7751121	SSF x Near_LoA	-6,686	-0,206	0,266
CHR3	7751135	CHR3:7751135	SSF x Near_LoA	-6,941	0,067	0,286
CHR3	7751167	CHR3:7751167	SSF x Near_LoA	-8,656	0,006	0,289
CHR3	7751175	CHR3:7751175	SSF x Near_LoA	-6,636	0,071	0,283
CHR3	7763483	CHR3:7763483	SSF x Near_LoA	-8,854	0,049	0,299
CHR3	7763498	CHR3:7763498	SSF x Near_LoA	-5,618	-0,048	0,303
CHR3	7779145	CHR3:7779145	SSF x Near_LoA	-6,799	-0,008	0,294
CHR3	7779167	CHR3:7779167	SSF x Near_LoA	-7,745	0,057	0,287
CHR3	7779179	CHR3:7779179	SSF x Near_LoA	-8,141	-0,034	0,281
CHR3	7779186	CHR3:7779186	SSF x Near_LoA	-7,749	-0,016	0,284
CHR3	7779202	CHR3:7779202	SSF x Near_LoA	-7,786	0,005	0,288
CHR3	7779239	CHR3:7779239	SSF x Near_LoA	-7,807	-0,042	0,279
CHR3	7779296	CHR3:7779296	SSF x Near_LoA	-7,833	-0,030	0,284
CHR3	7779305	CHR3:7779305	SSF x Near_LoA	-7,487	-0,039	0,294
CHR3	7779331	CHR3:7779331	SSF x Near_LoA	-8,004	-0,033	0,287
CHR3	7843401	CHR3:7843401	SSF x Near_LoA	-9,615	-0,104	0,284
CHR3	7843402	CHR3:7843402	SSF x Near_LoA	-9,058	-0,117	0,285
CHR3	7843420	CHR3:7843420	SSF x Near_LoA	-10,958	-0,012	0,263
CHR3	7843459	CHR3:7843459	SSF x Near_LoA	-8,813	0,014	0,280
CHR3	7843489	CHR3:7843489	SSF x Near_LoA	-8,186	-0,038	0,284
CHR3	7843590	CHR3:7843590	SSF x Near_LoA	-10,001	0,025	0,285
CHR3	7849096	CHR3:7849096	SSF x Near_LoA	-8,972	0,039	0,289
CHR3	7849245	CHR3:7849245	SSF x Near_LoA	-9,526	0,163	0,282

CHR3	7850436	CHR3:7850436	SSF x Near_LoA	-9,447	-0,012	0,280
CHR3	7850481	CHR3:7850481	SSF x Near_LoA	-9,758	0,070	0,284
CHR3	7850539	CHR3:7850539	SSF x Near_LoA	-8,170	0,113	0,270
CHR3	7850566	CHR3:7850566	SSF x Near_LoA	-8,147	0,050	0,279
CHR3	7850578	CHR3:7850578	SSF x Near_LoA	-5,213	-0,155	0,273
CHR3	7850594	CHR3:7850594	SSF x Near_LoA	-7,339	-0,132	0,276
CHR3	7850664	CHR3:7850664	SSF x Near_LoA	-8,971	-0,031	0,283
CHR3	7876329	CHR3:7876329	SSF x Near_LoA	-4,768	0,223	0,288
CHR3	7882086	CHR3:7882086	SSF x Near_LoA	-8,083	-0,182	0,293
CHR3	7882105	CHR3:7882105	SSF x Near_LoA	-8,000	-0,103	0,287
CHR3	7887363	CHR3:7887363	SSF x Near_LoA	1,708	-0,093	0,303
CHR3	7887435	CHR3:7887435	SSF x Near_LoA	-9,569	0,030	0,292
CHR3	7887441	CHR3:7887441	SSF x Near_LoA	-5,538	-0,219	0,287
CHR3	7887445	CHR3:7887445	SSF x Near_LoA	-8,569	0,055	0,296
CHR3	7887470	CHR3:7887470	SSF x Near_LoA	-9,404	0,101	0,290
CHR3	7887506	CHR3:7887506	SSF x Near_LoA	-4,817	-0,176	0,292
CHR3	7887515	CHR3:7887515	SSF x Near_LoA	-7,173	0,119	0,286
CHR3	7887534	CHR3:7887534	SSF x Near_LoA	-9,263	-0,039	0,290
CHR3	7887547	CHR3:7887547	SSF x Near_LoA	-3,397	0,051	0,305
CHR3	7887557	CHR3:7887557	SSF x Near_LoA	-9,209	0,040	0,298
CHR3	7887558	CHR3:7887558	SSF x Near_LoA	-10,359	0,075	0,294
CHR3	7887561	CHR3:7887561	SSF x Near_LoA	-7,493	-0,024	0,289
CHR3	7887597	CHR3:7887597	SSF x Near_LoA	-9,588	0,037	0,291
CHR3	7905051	CHR3:7905051	SSF x Near_LoA	-4,796	-0,206	0,273
CHR3	7932953	CHR3:7932953	SSF x Near_LoA	-9,766	-0,096	0,278
CHR3	7933979	CHR3:7933979	SSF x Near_LoA	-8,846	-0,113	0,289
CHR3	7934015	CHR3:7934015	SSF x Near_LoA	-10,180	-0,090	0,281
CHR3	7934048	CHR3:7934048	SSF x Near_LoA	-8,967	-0,049	0,274
CHR3	7934074	CHR3:7934074	SSF x Near_LoA	-9,894	0,011	0,291
CHR3	7934084	CHR3:7934084	SSF x Near_LoA	-9,457	-0,012	0,294
CHR3	7934112	CHR3:7934112	SSF x Near_LoA	-8,699	0,035	0,291
CHR3	7934182	CHR3:7934182	SSF x Near_LoA	-7,317	0,110	0,293
CHR3	7934187	CHR3:7934187	SSF x Near_LoA	-8,232	0,064	0,284
CHR3	7946199	CHR3:7946199	SSF x Near_LoA	-5,525	0,182	0,282
CHR3	7946263	CHR3:7946263	SSF x Near_LoA	-7,757	-0,017	0,289
CHR3	795567	CHR3:795567	SSF x Near_LoA	-6,655	-0,084	0,291
CHR3	795712	CHR3:795712	SSF x Near_LoA	-8,239	-0,073	0,276
CHR3	7965111	CHR3:7965111	SSF x Near_LoA	-9,075	0,067	0,282
CHR3	796557	CHR3:796557	SSF x Near_LoA	-10,305	-0,010	0,291
CHR3	7965697	CHR3:7965697	SSF x Near_LoA	-8,425	-0,017	0,286
CHR3	7965702	CHR3:7965702	SSF x Near_LoA	-8,178	0,033	0,277
CHR3	7965703	CHR3:7965703	SSF x Near_LoA	-10,052	-0,021	0,298
CHR3	7965707	CHR3:7965707	SSF x Near_LoA	-6,336	0,100	0,299
CHR3	7965725	CHR3:7965725	SSF x Near_LoA	-7,772	-0,091	0,276
CHR3	7965748	CHR3:7965748	SSF x Near_LoA	-7,225	0,066	0,288
CHR3	7965813	CHR3:7965813	SSF x Near_LoA	-7,153	0,066	0,284
CHR3	796594	CHR3:796594	SSF x Near_LoA	-5,866	0,129	0,299
CHR3	7978338	CHR3:7978338	SSF x Near_LoA	-7,625	0,066	0,295
CHR3	7978377	CHR3:7978377	SSF x Near_LoA	-8,212	-0,138	0,301
CHR3	7982187	CHR3:7982187	SSF x Near_LoA	-5,802	0,174	0,273
CHR3	7986880	CHR3:7986880	SSF x Near_LoA	-8,012	0,011	0,287
CHR3	8004999	CHR3:8004999	SSF x Near_LoA	-8,813	-0,004	0,291
CHR3	8009318	CHR3:8009318	SSF x Near_LoA	-8,003	0,094	0,284

CHR3	8009395	CHR3:8009395	SSF x Near_LoA	-9,572	0,054	0,298
CHR3	8009462	CHR3:8009462	SSF x Near_LoA	-8,674	-0,026	0,289
CHR3	8009510	CHR3:8009510	SSF x Near_LoA	-7,900	0,001	0,300
CHR3	8009532	CHR3:8009532	SSF x Near_LoA	-7,325	0,020	0,302
CHR3	8012286	CHR3:8012286	SSF x Near_LoA	0,432	-0,090	0,295
CHR3	8012289	CHR3:8012289	SSF x Near_LoA	-9,114	-0,103	0,271
CHR3	8012293	CHR3:8012293	SSF x Near_LoA	-7,770	-0,109	0,281
CHR3	8030605	CHR3:8030605	SSF x Near_LoA	-1,530	-0,249	0,274
CHR3	8030612	CHR3:8030612	SSF x Near_LoA	-7,974	-0,175	0,287
CHR3	8031176	CHR3:8031176	SSF x Near_LoA	-7,037	0,089	0,269
CHR3	8031206	CHR3:8031206	SSF x Near_LoA	-9,852	0,020	0,274
CHR3	8036812	CHR3:8036812	SSF x Near_LoA	-5,745	-0,094	0,290
CHR3	8036899	CHR3:8036899	SSF x Near_LoA	-3,678	-0,112	0,276
CHR3	8044379	CHR3:8044379	SSF x Near_LoA	-8,052	0,108	0,274
CHR3	8044697	CHR3:8044697	SSF x Near_LoA	-3,017	0,189	0,270
CHR3	8044708	CHR3:8044708	SSF x Near_LoA	-10,502	0,002	0,283
CHR3	8044740	CHR3:8044740	SSF x Near_LoA	-4,439	0,217	0,275
CHR3	8069245	CHR3:8069245	SSF x Near_LoA	-5,235	-0,142	0,274
CHR3	808179	CHR3:808179	SSF x Near_LoA	-7,498	-0,024	0,297
CHR3	8084088	CHR3:8084088	SSF x Near_LoA	-9,221	-0,031	0,307
CHR3	8084125	CHR3:8084125	SSF x Near_LoA	-8,690	0,085	0,292
CHR3	8084132	CHR3:8084132	SSF x Near_LoA	-9,224	-0,109	0,277
CHR3	8084174	CHR3:8084174	SSF x Near_LoA	-8,696	-0,023	0,304
CHR3	8108532	CHR3:8108532	SSF x Near_LoA	-7,576	0,055	0,289
CHR3	8108698	CHR3:8108698	SSF x Near_LoA	-8,222	-0,005	0,285
CHR3	8108705	CHR3:8108705	SSF x Near_LoA	-9,040	-0,036	0,285
CHR3	8131254	CHR3:8131254	SSF x Near_LoA	-7,461	-0,149	0,282
CHR3	8131311	CHR3:8131311	SSF x Near_LoA	-10,542	-0,029	0,281
CHR3	8147370	CHR3:8147370	SSF x Near_LoA	-8,815	-0,023	0,287
CHR3	8147420	CHR3:8147420	SSF x Near_LoA	-8,343	0,038	0,293
CHR3	8147760	CHR3:8147760	SSF x Near_LoA	-6,789	-0,097	0,270
CHR3	8156231	CHR3:8156231	SSF x Near_LoA	-9,856	0,051	0,282
CHR3	8170936	CHR3:8170936	SSF x Near_LoA	-6,952	0,093	0,286
CHR3	8171225	CHR3:8171225	SSF x Near_LoA	-2,888	0,015	0,280
CHR3	8183430	CHR3:8183430	SSF x Near_LoA	-9,509	-0,120	0,276
CHR3	8183437	CHR3:8183437	SSF x Near_LoA	-9,394	-0,019	0,287
CHR3	818602	CHR3:818602	SSF x Near_LoA	-7,156	0,116	0,281
CHR3	8215921	CHR3:8215921	SSF x Near_LoA	-10,157	0,032	0,273
CHR3	8216001	CHR3:8216001	SSF x Near_LoA	-7,407	-0,116	0,289
CHR3	8219875	CHR3:8219875	SSF x Near_LoA	-6,865	-0,148	0,289
CHR3	8229014	CHR3:8229014	SSF x Near_LoA	-10,403	-0,059	0,294
CHR3	8229168	CHR3:8229168	SSF x Near_LoA	-8,873	-0,112	0,292
CHR3	8229175	CHR3:8229175	SSF x Near_LoA	-7,870	0,054	0,280
CHR3	8256791	CHR3:8256791	SSF x Near_LoA	-7,426	-0,080	0,283
CHR3	8256837	CHR3:8256837	SSF x Near_LoA	-5,607	-0,053	0,288
CHR3	8256900	CHR3:8256900	SSF x Near_LoA	-8,490	-0,071	0,285
CHR3	8256910	CHR3:8256910	SSF x Near_LoA	-7,244	0,186	0,278
CHR3	8257010	CHR3:8257010	SSF x Near_LoA	-7,545	-0,103	0,290
CHR3	8257035	CHR3:8257035	SSF x Near_LoA	-7,014	-0,209	0,277
CHR3	8257070	CHR3:8257070	SSF x Near_LoA	-9,285	-0,019	0,299
CHR3	8268005	CHR3:8268005	SSF x Near_LoA	-7,785	0,174	0,269
CHR3	8268086	CHR3:8268086	SSF x Near_LoA	-8,545	-0,046	0,296
CHR3	8268101	CHR3:8268101	SSF x Near_LoA	-8,410	0,068	0,294

CHR3	8268117	CHR3:8268117	SSF x Near_LoA	-9,671	0,052	0,292
CHR3	8268118	CHR3:8268118	SSF x Near_LoA	-8,360	0,032	0,299
CHR3	8268119	CHR3:8268119	SSF x Near_LoA	-7,624	0,034	0,293
CHR3	8268125	CHR3:8268125	SSF x Near_LoA	-9,503	0,029	0,289
CHR3	8268126	CHR3:8268126	SSF x Near_LoA	-7,590	-0,040	0,290
CHR3	8268148	CHR3:8268148	SSF x Near_LoA	-6,173	-0,177	0,288
CHR3	8268193	CHR3:8268193	SSF x Near_LoA	-9,953	0,027	0,290
CHR3	8268458	CHR3:8268458	SSF x Near_LoA	-7,029	0,107	0,294
CHR3	8271276	CHR3:8271276	SSF x Near_LoA	-8,089	0,034	0,274
CHR3	8271404	CHR3:8271404	SSF x Near_LoA	-7,655	0,082	0,289
CHR3	8281234	CHR3:8281234	SSF x Near_LoA	-9,122	-0,143	0,273
CHR3	8281385	CHR3:8281385	SSF x Near_LoA	-5,160	0,164	0,284
CHR3	8284754	CHR3:8284754	SSF x Near_LoA	-9,967	-0,022	0,295
CHR3	8284997	CHR3:8284997	SSF x Near_LoA	-7,712	0,146	0,273
CHR3	8301600	CHR3:8301600	SSF x Near_LoA	-9,017	0,052	0,275
CHR3	8301616	CHR3:8301616	SSF x Near_LoA	-9,219	0,057	0,285
CHR3	8301620	CHR3:8301620	SSF x Near_LoA	-9,603	-0,035	0,284
CHR3	8301625	CHR3:8301625	SSF x Near_LoA	-9,275	-0,069	0,292
CHR3	8301627	CHR3:8301627	SSF x Near_LoA	-4,430	0,057	0,291
CHR3	8301726	CHR3:8301726	SSF x Near_LoA	-7,801	0,015	0,310
CHR3	8301776	CHR3:8301776	SSF x Near_LoA	-10,850	-0,034	0,290
CHR3	8301864	CHR3:8301864	SSF x Near_LoA	-8,134	-0,019	0,300
CHR3	8317716	CHR3:8317716	SSF x Near_LoA	-8,737	-0,130	0,285
CHR3	8329312	CHR3:8329312	SSF x Near_LoA	-8,089	-0,055	0,285
CHR3	833204	CHR3:833204	SSF x Near_LoA	-9,302	0,015	0,286
CHR3	8333205	CHR3:8333205	SSF x Near_LoA	-7,940	-0,050	0,284
CHR3	8333210	CHR3:8333210	SSF x Near_LoA	-9,988	0,095	0,285
CHR3	8333229	CHR3:8333229	SSF x Near_LoA	-5,750	0,018	0,286
CHR3	8333258	CHR3:8333258	SSF x Near_LoA	-9,226	0,100	0,286
CHR3	8333266	CHR3:8333266	SSF x Near_LoA	-8,457	0,103	0,290
CHR3	8333279	CHR3:8333279	SSF x Near_LoA	-10,585	-0,024	0,266
CHR3	8333300	CHR3:8333300	SSF x Near_LoA	-11,205	-0,010	0,276
CHR3	8333315	CHR3:8333315	SSF x Near_LoA	-8,306	0,032	0,285
CHR3	833333	CHR3:833333	SSF x Near_LoA	3,128	-0,149	0,277
CHR3	8333330	CHR3:8333330	SSF x Near_LoA	-6,585	0,019	0,289
CHR3	8333332	CHR3:8333332	SSF x Near_LoA	-8,201	0,012	0,283
CHR3	8333334	CHR3:8333334	SSF x Near_LoA	-7,007	-0,028	0,294
CHR3	833426	CHR3:833426	SSF x Near_LoA	-9,540	0,003	0,288
CHR3	833473	CHR3:833473	SSF x Near_LoA	-9,556	-0,024	0,304
CHR3	833513	CHR3:833513	SSF x Near_LoA	-6,826	0,058	0,299
CHR3	833540	CHR3:833540	SSF x Near_LoA	-7,389	0,073	0,291
CHR3	8349110	CHR3:8349110	SSF x Near_LoA	-10,165	0,051	0,292
CHR3	8358739	CHR3:8358739	SSF x Near_LoA	-6,775	0,042	0,293
CHR3	8362575	CHR3:8362575	SSF x Near_LoA	-7,603	-0,097	0,285
CHR3	8362580	CHR3:8362580	SSF x Near_LoA	-5,643	0,119	0,287
CHR3	8362596	CHR3:8362596	SSF x Near_LoA	-6,840	0,102	0,280
CHR3	8362608	CHR3:8362608	SSF x Near_LoA	-6,916	0,105	0,272
CHR3	8362632	CHR3:8362632	SSF x Near_LoA	-3,920	-0,071	0,281
CHR3	8362858	CHR3:8362858	SSF x Near_LoA	-10,331	-0,036	0,284
CHR3	8388682	CHR3:8388682	SSF x Near_LoA	-8,039	0,069	0,273
CHR3	839511	CHR3:839511	SSF x Near_LoA	-7,057	-0,185	0,292
CHR3	839527	CHR3:839527	SSF x Near_LoA	-6,189	-0,219	0,279
CHR3	839532	CHR3:839532	SSF x Near_LoA	-8,304	-0,065	0,286

CHR3	839539	CHR3:839539	SSF x Near_LoA	-7,985	0,017	0,283
CHR3	839579	CHR3:839579	SSF x Near_LoA	-7,450	0,113	0,276
CHR3	839707	CHR3:839707	SSF x Near_LoA	-6,332	0,221	0,286
CHR3	839760	CHR3:839760	SSF x Near_LoA	-7,001	0,066	0,291
CHR3	8432818	CHR3:8432818	SSF x Near_LoA	-8,395	-0,054	0,292
CHR3	8432875	CHR3:8432875	SSF x Near_LoA	-6,356	0,168	0,281
CHR3	8441202	CHR3:8441202	SSF x Near_LoA	-9,955	-0,056	0,283
CHR3	8441221	CHR3:8441221	SSF x Near_LoA	-9,685	-0,008	0,274
CHR3	8441283	CHR3:8441283	SSF x Near_LoA	-6,553	0,220	0,261
CHR3	8441319	CHR3:8441319	SSF x Near_LoA	-7,460	0,151	0,271
CHR3	8490765	CHR3:8490765	SSF x Near_LoA	-6,050	0,130	0,286
CHR3	8497338	CHR3:8497338	SSF x Near_LoA	-9,855	-0,026	0,294
CHR3	8497372	CHR3:8497372	SSF x Near_LoA	-7,564	-0,073	0,292
CHR3	8521152	CHR3:8521152	SSF x Near_LoA	-7,718	0,041	0,284
CHR3	8521213	CHR3:8521213	SSF x Near_LoA	-6,307	-0,123	0,306
CHR3	8521368	CHR3:8521368	SSF x Near_LoA	-5,447	0,092	0,294
CHR3	8521379	CHR3:8521379	SSF x Near_LoA	-8,641	0,085	0,287
CHR3	8521381	CHR3:8521381	SSF x Near_LoA	-6,998	0,105	0,287
CHR3	8521403	CHR3:8521403	SSF x Near_LoA	-5,931	0,078	0,303
CHR3	8525726	CHR3:8525726	SSF x Near_LoA	-9,428	-0,089	0,288
CHR3	8553595	CHR3:8553595	SSF x Near_LoA	-9,425	-0,062	0,278
CHR3	8564418	CHR3:8564418	SSF x Near_LoA	-11,297	-0,025	0,278
CHR3	8564420	CHR3:8564420	SSF x Near_LoA	-9,524	-0,011	0,277
CHR3	8564498	CHR3:8564498	SSF x Near_LoA	-7,746	-0,052	0,299
CHR3	8564520	CHR3:8564520	SSF x Near_LoA	-7,852	-0,009	0,289
CHR3	8564521	CHR3:8564521	SSF x Near_LoA	-8,342	0,016	0,290
CHR3	8564528	CHR3:8564528	SSF x Near_LoA	-7,824	-0,030	0,292
CHR3	8564561	CHR3:8564561	SSF x Near_LoA	-7,083	-0,012	0,290
CHR3	8565245	CHR3:8565245	SSF x Near_LoA	-8,630	-0,076	0,292
CHR3	8565278	CHR3:8565278	SSF x Near_LoA	-7,271	-0,015	0,278
CHR3	8565286	CHR3:8565286	SSF x Near_LoA	-8,870	0,088	0,286
CHR3	8565330	CHR3:8565330	SSF x Near_LoA	-7,163	0,055	0,281
CHR3	8568768	CHR3:8568768	SSF x Near_LoA	-8,010	0,035	0,283
CHR3	8568781	CHR3:8568781	SSF x Near_LoA	-7,072	0,037	0,282
CHR3	8568834	CHR3:8568834	SSF x Near_LoA	-7,544	0,062	0,301
CHR3	8583456	CHR3:8583456	SSF x Near_LoA	-10,406	0,026	0,283
CHR3	8592734	CHR3:8592734	SSF x Near_LoA	-7,158	0,081	0,294
CHR3	8592883	CHR3:8592883	SSF x Near_LoA	-5,825	0,048	0,288
CHR3	8604577	CHR3:8604577	SSF x Near_LoA	-8,054	0,016	0,286
CHR3	8611330	CHR3:8611330	SSF x Near_LoA	-7,019	-0,181	0,280
CHR3	8630320	CHR3:8630320	SSF x Near_LoA	-7,244	-0,190	0,277
CHR3	8630337	CHR3:8630337	SSF x Near_LoA	-6,849	0,010	0,291
CHR3	8630391	CHR3:8630391	SSF x Near_LoA	-10,440	-0,091	0,291
CHR3	8630459	CHR3:8630459	SSF x Near_LoA	-10,575	-0,006	0,292
CHR3	8630460	CHR3:8630460	SSF x Near_LoA	-7,080	0,164	0,280
CHR3	8630481	CHR3:8630481	SSF x Near_LoA	-5,424	0,150	0,296
CHR3	8630665	CHR3:8630665	SSF x Near_LoA	-9,311	0,029	0,295
CHR3	8637143	CHR3:8637143	SSF x Near_LoA	-7,783	-0,114	0,281
CHR3	8653352	CHR3:8653352	SSF x Near_LoA	-10,097	0,025	0,275
CHR3	8653409	CHR3:8653409	SSF x Near_LoA	-7,231	-0,003	0,299
CHR3	8653417	CHR3:8653417	SSF x Near_LoA	-7,775	0,027	0,280
CHR3	8653458	CHR3:8653458	SSF x Near_LoA	-8,487	0,067	0,293
CHR3	8653527	CHR3:8653527	SSF x Near_LoA	-6,077	-0,094	0,287

CHR3	8662470	CHR3:8662470	SSF x Near_LoA	-6,177	0,147	0,271
CHR3	8662476	CHR3:8662476	SSF x Near_LoA	-7,772	0,021	0,302
CHR3	8663616	CHR3:8663616	SSF x Near_LoA	-2,060	-0,171	0,282
CHR3	8663635	CHR3:8663635	SSF x Near_LoA	-3,693	-0,165	0,275
CHR3	8663636	CHR3:8663636	SSF x Near_LoA	-5,177	-0,157	0,280
CHR3	8663639	CHR3:8663639	SSF x Near_LoA	-5,220	-0,155	0,268
CHR3	8663658	CHR3:8663658	SSF x Near_LoA	2,716	-0,165	0,271
CHR3	8663823	CHR3:8663823	SSF x Near_LoA	-10,752	-0,028	0,297
CHR3	8664779	CHR3:8664779	SSF x Near_LoA	-8,303	0,158	0,263
CHR3	8664827	CHR3:8664827	SSF x Near_LoA	-10,587	0,043	0,275
CHR3	8664872	CHR3:8664872	SSF x Near_LoA	-7,791	-0,097	0,274
CHR3	869206	CHR3:869206	SSF x Near_LoA	-9,068	0,141	0,288
CHR3	869208	CHR3:869208	SSF x Near_LoA	-9,084	-0,048	0,284
CHR3	869218	CHR3:869218	SSF x Near_LoA	-6,674	-0,025	0,293
CHR3	869262	CHR3:869262	SSF x Near_LoA	-9,474	0,038	0,294
CHR3	869277	CHR3:869277	SSF x Near_LoA	-6,448	0,049	0,292
CHR3	869307	CHR3:869307	SSF x Near_LoA	-7,261	0,010	0,295
CHR3	869312	CHR3:869312	SSF x Near_LoA	-6,576	-0,028	0,298
CHR3	869352	CHR3:869352	SSF x Near_LoA	-7,859	-0,056	0,285
CHR3	8727832	CHR3:8727832	SSF x Near_LoA	-6,738	0,061	0,287
CHR3	8727841	CHR3:8727841	SSF x Near_LoA	-7,639	0,042	0,296
CHR3	8727844	CHR3:8727844	SSF x Near_LoA	-8,131	0,034	0,298
CHR3	8727845	CHR3:8727845	SSF x Near_LoA	-7,541	0,052	0,284
CHR3	8727876	CHR3:8727876	SSF x Near_LoA	-9,565	-0,053	0,293
CHR3	8727903	CHR3:8727903	SSF x Near_LoA	-5,281	-0,104	0,282
CHR3	8727953	CHR3:8727953	SSF x Near_LoA	-7,470	-0,036	0,292
CHR3	8728004	CHR3:8728004	SSF x Near_LoA	-9,005	-0,057	0,289
CHR3	8730402	CHR3:8730402	SSF x Near_LoA	-4,789	0,093	0,287
CHR3	8730450	CHR3:8730450	SSF x Near_LoA	-9,343	-0,113	0,276
CHR3	8731035	CHR3:8731035	SSF x Near_LoA	-4,456	-0,176	0,272
CHR3	8736885	CHR3:8736885	SSF x Near_LoA	-6,066	-0,073	0,280
CHR3	8736945	CHR3:8736945	SSF x Near_LoA	-7,530	-0,011	0,276
CHR3	8737038	CHR3:8737038	SSF x Near_LoA	-7,568	0,071	0,294
CHR3	8746039	CHR3:8746039	SSF x Near_LoA	-5,038	-0,144	0,274
CHR3	8793003	CHR3:8793003	SSF x Near_LoA	-4,239	-0,109	0,312
CHR3	8793039	CHR3:8793039	SSF x Near_LoA	-3,768	-0,123	0,280
CHR3	8849959	CHR3:8849959	SSF x Near_LoA	-7,700	-0,068	0,295
CHR3	8868556	CHR3:8868556	SSF x Near_LoA	-7,670	0,025	0,289
CHR3	8868645	CHR3:8868645	SSF x Near_LoA	-10,765	-0,031	0,284
CHR3	8945318	CHR3:8945318	SSF x Near_LoA	-7,870	0,121	0,295
CHR3	8968697	CHR3:8968697	SSF x Near_LoA	-7,156	-0,108	0,293
CHR3	897184	CHR3:897184	SSF x Near_LoA	-6,558	0,154	0,294
CHR3	9032597	CHR3:9032597	SSF x Near_LoA	-10,036	0,019	0,272
CHR3	9066243	CHR3:9066243	SSF x Near_LoA	-6,760	-0,159	0,267
CHR3	907485	CHR3:907485	SSF x Near_LoA	-8,471	-0,021	0,283
CHR3	9098062	CHR3:9098062	SSF x Near_LoA	-10,518	-0,041	0,277
CHR3	9099350	CHR3:9099350	SSF x Near_LoA	-7,631	-0,105	0,283
CHR3	9116581	CHR3:9116581	SSF x Near_LoA	-10,745	0,024	0,268
CHR3	9137019	CHR3:9137019	SSF x Near_LoA	-7,185	-0,024	0,289
CHR3	9137259	CHR3:9137259	SSF x Near_LoA	-5,482	0,002	0,278
CHR3	9151766	CHR3:9151766	SSF x Near_LoA	-4,888	-0,176	0,279
CHR3	9153107	CHR3:9153107	SSF x Near_LoA	-6,427	-0,133	0,263
CHR3	9167952	CHR3:9167952	SSF x Near_LoA	-7,351	-0,053	0,278

CHR3	918112	CHR3:918112	SSF x Near_LoA	-7,010	-0,128	0,271
CHR3	918196	CHR3:918196	SSF x Near_LoA	-8,918	-0,069	0,286
CHR3	9188372	CHR3:9188372	SSF x Near_LoA	-9,632	0,027	0,284
CHR3	9188468	CHR3:9188468	SSF x Near_LoA	-7,633	-0,062	0,286
CHR3	9188487	CHR3:9188487	SSF x Near_LoA	-6,015	-0,206	0,270
CHR3	9188586	CHR3:9188586	SSF x Near_LoA	-3,546	-0,191	0,270
CHR3	9194887	CHR3:9194887	SSF x Near_LoA	-7,060	-0,072	0,284
CHR3	9194966	CHR3:9194966	SSF x Near_LoA	-5,939	0,128	0,278
CHR3	9197855	CHR3:9197855	SSF x Near_LoA	-6,449	-0,004	0,293
CHR3	9197970	CHR3:9197970	SSF x Near_LoA	-5,704	-0,169	0,287
CHR3	9206349	CHR3:9206349	SSF x Near_LoA	-7,644	-0,113	0,288
CHR3	9206394	CHR3:9206394	SSF x Near_LoA	-3,683	0,237	0,260
CHR3	9206489	CHR3:9206489	SSF x Near_LoA	-8,290	-0,089	0,290
CHR3	9206490	CHR3:9206490	SSF x Near_LoA	-7,943	0,103	0,292
CHR3	9206520	CHR3:9206520	SSF x Near_LoA	-8,377	-0,094	0,280
CHR3	9266448	CHR3:9266448	SSF x Near_LoA	-8,317	-0,019	0,295
CHR3	9266451	CHR3:9266451	SSF x Near_LoA	-7,941	-0,041	0,284
CHR3	9307237	CHR3:9307237	SSF x Near_LoA	-3,898	-0,133	0,292
CHR3	9307355	CHR3:9307355	SSF x Near_LoA	-9,702	0,013	0,294
CHR3	9316063	CHR3:9316063	SSF x Near_LoA	-6,653	-0,172	0,271
CHR3	9322168	CHR3:9322168	SSF x Near_LoA	-8,860	0,070	0,262
CHR3	9341893	CHR3:9341893	SSF x Near_LoA	-5,616	0,106	0,277
CHR3	9355594	CHR3:9355594	SSF x Near_LoA	-7,930	0,131	0,284
CHR3	9355700	CHR3:9355700	SSF x Near_LoA	-10,484	0,100	0,281
CHR3	9355755	CHR3:9355755	SSF x Near_LoA	-9,891	0,014	0,288
CHR3	9355757	CHR3:9355757	SSF x Near_LoA	-8,597	0,008	0,287
CHR3	9355772	CHR3:9355772	SSF x Near_LoA	-9,460	-0,011	0,285
CHR3	9355780	CHR3:9355780	SSF x Near_LoA	-6,291	-0,081	0,279
CHR3	9355799	CHR3:9355799	SSF x Near_LoA	-7,978	0,076	0,286
CHR3	9355823	CHR3:9355823	SSF x Near_LoA	-9,507	0,132	0,284
CHR3	9368581	CHR3:9368581	SSF x Near_LoA	-7,969	0,070	0,282
CHR3	9368614	CHR3:9368614	SSF x Near_LoA	-10,124	0,038	0,282
CHR3	9371819	CHR3:9371819	SSF x Near_LoA	-10,345	-0,022	0,288
CHR3	9371829	CHR3:9371829	SSF x Near_LoA	-7,721	-0,020	0,277
CHR3	9371834	CHR3:9371834	SSF x Near_LoA	-8,177	0,082	0,284
CHR3	9371876	CHR3:9371876	SSF x Near_LoA	-6,032	-0,021	0,283
CHR3	9396745	CHR3:9396745	SSF x Near_LoA	-8,261	0,073	0,281
CHR3	9397005	CHR3:9397005	SSF x Near_LoA	-9,359	0,096	0,282
CHR3	9434847	CHR3:9434847	SSF x Near_LoA	-8,661	0,099	0,280
CHR3	9434928	CHR3:9434928	SSF x Near_LoA	-10,622	0,076	0,290
CHR3	9435128	CHR3:9435128	SSF x Near_LoA	-8,886	-0,106	0,300
CHR3	9435144	CHR3:9435144	SSF x Near_LoA	-8,596	-0,001	0,285
CHR3	9437348	CHR3:9437348	SSF x Near_LoA	-9,804	0,059	0,278
CHR3	9437590	CHR3:9437590	SSF x Near_LoA	-7,966	-0,192	0,277
CHR3	9437638	CHR3:9437638	SSF x Near_LoA	-5,780	0,077	0,281
CHR3	9439011	CHR3:9439011	SSF x Near_LoA	-9,358	0,012	0,276
CHR3	9439057	CHR3:9439057	SSF x Near_LoA	-8,085	0,019	0,293
CHR3	9439062	CHR3:9439062	SSF x Near_LoA	-9,469	-0,025	0,291
CHR3	9439107	CHR3:9439107	SSF x Near_LoA	-4,963	-0,113	0,276
CHR3	9439115	CHR3:9439115	SSF x Near_LoA	-7,445	-0,019	0,293
CHR3	9439130	CHR3:9439130	SSF x Near_LoA	-7,901	0,077	0,290
CHR3	9439144	CHR3:9439144	SSF x Near_LoA	-7,918	0,087	0,272
CHR3	9439194	CHR3:9439194	SSF x Near_LoA	-7,368	-0,067	0,279

CHR3	9439199	CHR3:9439199	SSF x Near_LoA	-7,241	-0,038	0,288
CHR3	9439218	CHR3:9439218	SSF x Near_LoA	-6,788	-0,122	0,284
CHR3	9439229	CHR3:9439229	SSF x Near_LoA	-7,798	-0,043	0,282
CHR3	9439232	CHR3:9439232	SSF x Near_LoA	-5,104	0,142	0,289
CHR3	9443592	CHR3:9443592	SSF x Near_LoA	-7,063	-0,200	0,268
CHR3	9443597	CHR3:9443597	SSF x Near_LoA	-7,518	0,058	0,279
CHR3	9443603	CHR3:9443603	SSF x Near_LoA	-8,407	0,106	0,273
CHR3	9443606	CHR3:9443606	SSF x Near_LoA	-3,826	0,077	0,301
CHR3	9443614	CHR3:9443614	SSF x Near_LoA	-4,090	0,066	0,269
CHR3	9443626	CHR3:9443626	SSF x Near_LoA	-7,430	0,086	0,294
CHR3	944550	CHR3:944550	SSF x Near_LoA	-8,104	-0,090	0,276
CHR3	9445558	CHR3:9445558	SSF x Near_LoA	-3,694	-0,155	0,273
CHR3	9445577	CHR3:9445577	SSF x Near_LoA	-7,129	0,122	0,274
CHR3	9445634	CHR3:9445634	SSF x Near_LoA	-7,841	0,085	0,271
CHR3	9445637	CHR3:9445637	SSF x Near_LoA	-5,014	-0,058	0,287
CHR3	9445642	CHR3:9445642	SSF x Near_LoA	-4,014	0,188	0,282
CHR3	9446489	CHR3:9446489	SSF x Near_LoA	-6,072	-0,095	0,296
CHR3	9446491	CHR3:9446491	SSF x Near_LoA	-6,500	-0,130	0,281
CHR3	944651	CHR3:944651	SSF x Near_LoA	-6,908	-0,155	0,270
CHR3	9446604	CHR3:9446604	SSF x Near_LoA	-8,377	-0,018	0,294
CHR3	9446673	CHR3:9446673	SSF x Near_LoA	-6,794	-0,117	0,277
CHR3	9452453	CHR3:9452453	SSF x Near_LoA	-7,855	-0,117	0,289
CHR3	9455691	CHR3:9455691	SSF x Near_LoA	-9,229	-0,030	0,286
CHR3	9455700	CHR3:9455700	SSF x Near_LoA	-8,432	0,000	0,295
CHR3	9459669	CHR3:9459669	SSF x Near_LoA	-8,137	-0,040	0,299
CHR3	9459723	CHR3:9459723	SSF x Near_LoA	-9,675	-0,076	0,288
CHR3	9459729	CHR3:9459729	SSF x Near_LoA	-8,827	-0,022	0,299
CHR3	9459742	CHR3:9459742	SSF x Near_LoA	-7,696	-0,056	0,274
CHR3	9467622	CHR3:9467622	SSF x Near_LoA	-8,793	-0,035	0,291
CHR3	9467808	CHR3:9467808	SSF x Near_LoA	-10,181	-0,006	0,278
CHR3	9467831	CHR3:9467831	SSF x Near_LoA	-7,022	0,035	0,279
CHR3	9468056	CHR3:9468056	SSF x Near_LoA	-4,828	0,100	0,289
CHR3	9471867	CHR3:9471867	SSF x Near_LoA	-8,624	-0,075	0,302
CHR3	9471880	CHR3:9471880	SSF x Near_LoA	-8,849	-0,038	0,264
CHR3	9471884	CHR3:9471884	SSF x Near_LoA	-9,104	0,012	0,288
CHR3	9471890	CHR3:9471890	SSF x Near_LoA	-8,319	-0,101	0,292
CHR3	9471926	CHR3:9471926	SSF x Near_LoA	-9,783	-0,004	0,282
CHR3	9471934	CHR3:9471934	SSF x Near_LoA	0,444	0,157	0,265
CHR3	9471942	CHR3:9471942	SSF x Near_LoA	-6,139	-0,041	0,299
CHR3	9471953	CHR3:9471953	SSF x Near_LoA	-9,593	-0,027	0,288
CHR3	9481121	CHR3:9481121	SSF x Near_LoA	-9,373	-0,042	0,276
CHR3	9490943	CHR3:9490943	SSF x Near_LoA	-7,809	-0,170	0,280
CHR3	9491021	CHR3:9491021	SSF x Near_LoA	-7,954	-0,060	0,288
CHR3	9491029	CHR3:9491029	SSF x Near_LoA	-6,605	0,069	0,280
CHR3	9491031	CHR3:9491031	SSF x Near_LoA	-7,010	0,048	0,296
CHR3	9491039	CHR3:9491039	SSF x Near_LoA	-9,202	-0,034	0,289
CHR3	9491066	CHR3:9491066	SSF x Near_LoA	-10,046	-0,040	0,285
CHR3	9491077	CHR3:9491077	SSF x Near_LoA	-6,993	-0,089	0,290
CHR3	9491080	CHR3:9491080	SSF x Near_LoA	3,305	-0,108	0,303
CHR3	9508990	CHR3:9508990	SSF x Near_LoA	-7,097	0,038	0,285
CHR3	9508997	CHR3:9508997	SSF x Near_LoA	-5,694	0,010	0,304
CHR3	9509027	CHR3:9509027	SSF x Near_LoA	-8,726	0,033	0,287
CHR3	9509066	CHR3:9509066	SSF x Near_LoA	-10,857	-0,003	0,283

CHR3	953231	CHR3:953231	SSF x Near_LoA	-7,782	0,100	0,282
CHR3	953237	CHR3:953237	SSF x Near_LoA	-5,628	0,127	0,286
CHR3	9532802	CHR3:9532802	SSF x Near_LoA	-6,436	-0,002	0,297
CHR3	9549749	CHR3:9549749	SSF x Near_LoA	-7,829	-0,058	0,288
CHR3	9554197	CHR3:9554197	SSF x Near_LoA	-5,661	0,106	0,270
CHR3	957022	CHR3:957022	SSF x Near_LoA	-9,865	-0,019	0,301
CHR3	9571418	CHR3:9571418	SSF x Near_LoA	-8,683	0,023	0,288
CHR3	9593051	CHR3:9593051	SSF x Near_LoA	-8,993	-0,067	0,284
CHR3	960067	CHR3:960067	SSF x Near_LoA	-5,576	-0,168	0,279
CHR3	960206	CHR3:960206	SSF x Near_LoA	-8,394	-0,052	0,292
CHR3	960270	CHR3:960270	SSF x Near_LoA	-5,843	0,136	0,285
CHR3	960385	CHR3:960385	SSF x Near_LoA	-7,955	0,103	0,270
CHR3	9631277	CHR3:9631277	SSF x Near_LoA	-8,267	0,095	0,278
CHR3	9631347	CHR3:9631347	SSF x Near_LoA	-7,130	-0,025	0,298
CHR3	9631397	CHR3:9631397	SSF x Near_LoA	-6,017	-0,181	0,287
CHR3	9631457	CHR3:9631457	SSF x Near_LoA	-8,368	0,055	0,273
CHR3	9631493	CHR3:9631493	SSF x Near_LoA	-8,176	0,049	0,297
CHR3	9639992	CHR3:9639992	SSF x Near_LoA	-5,805	0,017	0,285
CHR3	9640341	CHR3:9640341	SSF x Near_LoA	-5,488	-0,190	0,266
CHR3	9640399	CHR3:9640399	SSF x Near_LoA	-9,994	-0,057	0,286
CHR3	9666076	CHR3:9666076	SSF x Near_LoA	-9,908	0,121	0,282
CHR3	9670228	CHR3:9670228	SSF x Near_LoA	-8,833	-0,128	0,290
CHR3	9670473	CHR3:9670473	SSF x Near_LoA	-9,825	-0,074	0,269
CHR3	9670496	CHR3:9670496	SSF x Near_LoA	-6,265	0,052	0,292
CHR3	9679907	CHR3:9679907	SSF x Near_LoA	-6,007	-0,146	0,285
CHR3	9679923	CHR3:9679923	SSF x Near_LoA	-4,759	-0,137	0,288
CHR3	9683532	CHR3:9683532	SSF x Near_LoA	-7,685	0,072	0,292
CHR3	9683534	CHR3:9683534	SSF x Near_LoA	-9,951	-0,050	0,275
CHR3	9689704	CHR3:9689704	SSF x Near_LoA	-7,626	0,104	0,298
CHR3	9689938	CHR3:9689938	SSF x Near_LoA	-9,429	0,100	0,287
CHR3	9699163	CHR3:9699163	SSF x Near_LoA	-7,032	0,061	0,292
CHR3	9699196	CHR3:9699196	SSF x Near_LoA	-7,826	-0,092	0,277
CHR3	9699222	CHR3:9699222	SSF x Near_LoA	-10,308	0,082	0,274
CHR3	9707075	CHR3:9707075	SSF x Near_LoA	-10,294	-0,002	0,288
CHR3	9709196	CHR3:9709196	SSF x Near_LoA	-8,458	-0,120	0,275
CHR3	9709224	CHR3:9709224	SSF x Near_LoA	-9,366	-0,078	0,280
CHR3	9709339	CHR3:9709339	SSF x Near_LoA	-8,607	-0,172	0,265
CHR3	9709350	CHR3:9709350	SSF x Near_LoA	-6,342	-0,164	0,266
CHR3	9709375	CHR3:9709375	SSF x Near_LoA	-8,316	-0,029	0,274
CHR3	9709387	CHR3:9709387	SSF x Near_LoA	-7,961	0,037	0,270
CHR3	9709412	CHR3:9709412	SSF x Near_LoA	-7,227	-0,079	0,277
CHR3	9717527	CHR3:9717527	SSF x Near_LoA	-9,373	0,017	0,283
CHR3	9732646	CHR3:9732646	SSF x Near_LoA	-8,551	0,005	0,290
CHR3	9732675	CHR3:9732675	SSF x Near_LoA	-2,725	-0,206	0,273
CHR3	9732730	CHR3:9732730	SSF x Near_LoA	-8,138	-0,169	0,282
CHR3	9732732	CHR3:9732732	SSF x Near_LoA	-9,629	0,030	0,299
CHR3	9732744	CHR3:9732744	SSF x Near_LoA	-5,153	0,177	0,280
CHR3	9750708	CHR3:9750708	SSF x Near_LoA	-6,447	0,078	0,287
CHR3	9751053	CHR3:9751053	SSF x Near_LoA	-5,418	0,098	0,263
CHR3	9751054	CHR3:9751054	SSF x Near_LoA	-6,749	0,127	0,288
CHR3	9757914	CHR3:9757914	SSF x Near_LoA	-5,632	0,048	0,289
CHR3	9758110	CHR3:9758110	SSF x Near_LoA	-7,041	0,114	0,284
CHR3	9758118	CHR3:9758118	SSF x Near_LoA	-9,345	-0,042	0,283

CHR3	9758125	CHR3:9758125	SSF x Near_LoA	-8,774	-0,029	0,293
CHR3	9758127	CHR3:9758127	SSF x Near_LoA	-10,010	-0,059	0,280
CHR3	9766411	CHR3:9766411	SSF x Near_LoA	-8,424	-0,107	0,284
CHR3	9766556	CHR3:9766556	SSF x Near_LoA	-8,221	-0,114	0,288
CHR3	9766587	CHR3:9766587	SSF x Near_LoA	-1,904	-0,137	0,300
CHR3	9766629	CHR3:9766629	SSF x Near_LoA	-7,939	-0,019	0,277
CHR3	978441	CHR3:978441	SSF x Near_LoA	-9,898	-0,044	0,288
CHR3	9786906	CHR3:9786906	SSF x Near_LoA	-8,036	-0,041	0,277
CHR3	9786908	CHR3:9786908	SSF x Near_LoA	-8,406	0,004	0,275
CHR3	978708	CHR3:978708	SSF x Near_LoA	-7,819	0,065	0,272
CHR3	9788107	CHR3:9788107	SSF x Near_LoA	-10,667	-0,100	0,279
CHR3	9789950	CHR3:9789950	SSF x Near_LoA	-6,345	0,253	0,256
CHR3	9790010	CHR3:9790010	SSF x Near_LoA	-6,516	-0,222	0,272
CHR3	9794249	CHR3:9794249	SSF x Near_LoA	-7,838	-0,004	0,290
CHR3	9794370	CHR3:9794370	SSF x Near_LoA	-7,153	0,130	0,281
CHR3	9794390	CHR3:9794390	SSF x Near_LoA	-6,448	-0,004	0,296
CHR3	9794410	CHR3:9794410	SSF x Near_LoA	-5,498	-0,119	0,272
CHR3	9794412	CHR3:9794412	SSF x Near_LoA	-6,923	-0,078	0,273
CHR3	9796760	CHR3:9796760	SSF x Near_LoA	-10,024	0,063	0,271
CHR3	9801341	CHR3:9801341	SSF x Near_LoA	-8,311	0,086	0,283
CHR3	9801370	CHR3:9801370	SSF x Near_LoA	-2,739	-0,129	0,285
CHR3	9801472	CHR3:9801472	SSF x Near_LoA	-10,220	-0,025	0,280
CHR3	9802122	CHR3:9802122	SSF x Near_LoA	-6,033	-0,127	0,273
CHR3	9802123	CHR3:9802123	SSF x Near_LoA	-6,265	-0,109	0,288
CHR3	9802155	CHR3:9802155	SSF x Near_LoA	-9,256	-0,098	0,278
CHR3	9802172	CHR3:9802172	SSF x Near_LoA	-3,693	-0,129	0,277
CHR3	9802175	CHR3:9802175	SSF x Near_LoA	-3,343	-0,022	0,301
CHR3	9813971	CHR3:9813971	SSF x Near_LoA	-5,671	-0,171	0,276
CHR3	9814104	CHR3:9814104	SSF x Near_LoA	-6,337	0,153	0,277
CHR3	9814119	CHR3:9814119	SSF x Near_LoA	-6,145	0,176	0,280
CHR3	9816564	CHR3:9816564	SSF x Near_LoA	-4,218	0,088	0,296
CHR3	982770	CHR3:982770	SSF x Near_LoA	-9,457	-0,054	0,292
CHR3	9830095	CHR3:9830095	SSF x Near_LoA	-9,321	-0,139	0,280
CHR3	983245	CHR3:983245	SSF x Near_LoA	-9,807	-0,080	0,283
CHR3	9840968	CHR3:9840968	SSF x Near_LoA	-7,670	0,032	0,286
CHR3	9841036	CHR3:9841036	SSF x Near_LoA	-5,383	-0,214	0,294
CHR3	9841154	CHR3:9841154	SSF x Near_LoA	-4,421	-0,121	0,281
CHR3	9857092	CHR3:9857092	SSF x Near_LoA	-8,330	0,138	0,278
CHR3	9857194	CHR3:9857194	SSF x Near_LoA	-7,330	0,040	0,292
CHR3	9867345	CHR3:9867345	SSF x Near_LoA	-7,398	0,053	0,263
CHR3	9867488	CHR3:9867488	SSF x Near_LoA	-7,331	-0,051	0,293
CHR3	9867584	CHR3:9867584	SSF x Near_LoA	-10,244	0,031	0,270
CHR3	987951	CHR3:987951	SSF x Near_LoA	-6,915	0,047	0,290
CHR3	9919435	CHR3:9919435	SSF x Near_LoA	-8,104	0,049	0,290
CHR3	9919512	CHR3:9919512	SSF x Near_LoA	-7,149	-0,041	0,273
CHR3	9919524	CHR3:9919524	SSF x Near_LoA	-10,338	0,062	0,292
CHR3	9919527	CHR3:9919527	SSF x Near_LoA	-8,065	0,007	0,278
CHR3	9930794	CHR3:9930794	SSF x Near_LoA	-10,014	-0,047	0,294
CHR3	9938241	CHR3:9938241	SSF x Near_LoA	-6,837	-0,060	0,283
CHR3	9942165	CHR3:9942165	SSF x Near_LoA	-7,417	-0,038	0,286
CHR3	9943018	CHR3:9943018	SSF x Near_LoA	-6,573	-0,074	0,296
CHR3	9952967	CHR3:9952967	SSF x Near_LoA	-8,920	0,124	0,276
CHR3	9953023	CHR3:9953023	SSF x Near_LoA	-7,955	-0,066	0,293

CHR3	9953101	CHR3:9953101	SSF x Near_LoA	-9,770	-0,123	0,292
CHR3	9953126	CHR3:9953126	SSF x Near_LoA	-8,210	0,066	0,288
CHR3	9953143	CHR3:9953143	SSF x Near_LoA	-7,011	0,041	0,297
CHR3	9953190	CHR3:9953190	SSF x Near_LoA	-5,796	0,040	0,289
CHR3	9953214	CHR3:9953214	SSF x Near_LoA	-9,881	-0,072	0,280
CHR3	9953226	CHR3:9953226	SSF x Near_LoA	-8,905	-0,022	0,279
CHR3	9953227	CHR3:9953227	SSF x Near_LoA	-7,148	-0,060	0,291
CHR3	9953301	CHR3:9953301	SSF x Near_LoA	-7,519	0,090	0,282
CHR3	9953323	CHR3:9953323	SSF x Near_LoA	-7,994	0,084	0,288
CHR3	9963027	CHR3:9963027	SSF x Near_LoA	-4,004	-0,008	0,284
CHR3	9963144	CHR3:9963144	SSF x Near_LoA	-7,121	0,043	0,295
CHR3	9963257	CHR3:9963257	SSF x Near_LoA	-7,851	0,081	0,274
CHR3	9976798	CHR3:9976798	SSF x Near_LoA	-9,668	-0,041	0,271
CHR3	9981209	CHR3:9981209	SSF x Near_LoA	-7,825	-0,134	0,281
CHR3	9981396	CHR3:9981396	SSF x Near_LoA	-8,982	-0,078	0,282
CHR3	9981501	CHR3:9981501	SSF x Near_LoA	-7,017	-0,043	0,292
CHR3	9981533	CHR3:9981533	SSF x Near_LoA	-7,030	-0,031	0,288
CHR3	9981601	CHR3:9981601	SSF x Near_LoA	-7,870	-0,098	0,293
CHR3	9989486	CHR3:9989486	SSF x Near_LoA	-9,226	-0,061	0,299
CHR3	9989487	CHR3:9989487	SSF x Near_LoA	-5,883	-0,118	0,269
CHR3	9989488	CHR3:9989488	SSF x Near_LoA	-7,761	-0,097	0,285
CHR3	9989497	CHR3:9989497	SSF x Near_LoA	-8,919	0,014	0,300
CHR4	1E+07	CHR4:10005100	SSF x Near_LoA	-2,777	-0,187	0,277
CHR4	1E+07	CHR4:10005281	SSF x Near_LoA	-5,560	0,144	0,254
CHR4	1E+07	CHR4:10005371	SSF x Near_LoA	-10,181	0,038	0,288
CHR4	1E+07	CHR4:10008184	SSF x Near_LoA	-9,208	-0,003	0,273
CHR4	1E+07	CHR4:10008491	SSF x Near_LoA	-6,849	0,082	0,280
CHR4	1E+07	CHR4:10045845	SSF x Near_LoA	-6,365	-0,055	0,290
CHR4	1E+07	CHR4:10045866	SSF x Near_LoA	-4,572	0,224	0,273
CHR4	1E+07	CHR4:10048622	SSF x Near_LoA	-6,239	-0,071	0,282
CHR4	1E+07	CHR4:10048638	SSF x Near_LoA	-6,660	-0,130	0,289
CHR4	1E+07	CHR4:10048670	SSF x Near_LoA	-9,061	-0,004	0,305
CHR4	1E+07	CHR4:10048676	SSF x Near_LoA	-10,047	0,024	0,286
CHR4	1E+07	CHR4:10048870	SSF x Near_LoA	1,549	-0,215	0,276
CHR4	1E+07	CHR4:10048890	SSF x Near_LoA	-9,318	0,044	0,286
CHR4	1E+07	CHR4:10048953	SSF x Near_LoA	-1,709	0,242	0,271
CHR4	1E+07	CHR4:10051543	SSF x Near_LoA	-8,111	-0,016	0,277
CHR4	1E+07	CHR4:10051593	SSF x Near_LoA	-8,706	0,010	0,288
CHR4	1E+07	CHR4:10055157	SSF x Near_LoA	-7,164	0,011	0,291
CHR4	1E+07	CHR4:10055269	SSF x Near_LoA	-7,058	0,118	0,294
CHR4	1E+07	CHR4:10055323	SSF x Near_LoA	-10,155	0,005	0,280
CHR4	1E+07	CHR4:10060485	SSF x Near_LoA	-8,122	-0,133	0,280
CHR4	1E+07	CHR4:10060489	SSF x Near_LoA	-4,441	-0,149	0,289
CHR4	1006810	CHR4:1006810	SSF x Near_LoA	-6,364	-0,121	0,291
CHR4	1006825	CHR4:1006825	SSF x Near_LoA	-8,186	-0,151	0,261
CHR4	1006826	CHR4:1006826	SSF x Near_LoA	-7,686	-0,090	0,281
CHR4	1006838	CHR4:1006838	SSF x Near_LoA	-9,570	-0,110	0,290
CHR4	1006887	CHR4:1006887	SSF x Near_LoA	-8,079	0,047	0,284
CHR4	1006912	CHR4:1006912	SSF x Near_LoA	-8,002	0,021	0,276
CHR4	1E+07	CHR4:10079296	SSF x Near_LoA	-5,406	-0,107	0,293
CHR4	1E+07	CHR4:10079336	SSF x Near_LoA	-8,671	-0,032	0,289
CHR4	1E+07	CHR4:10079339	SSF x Near_LoA	-6,556	0,193	0,279
CHR4	1E+07	CHR4:10079350	SSF x Near_LoA	-9,872	-0,022	0,284

CHR4	1E+07	CHR4:10079455	SSF x Near_LoA	-8,325	0,017	0,278
CHR4	1E+07	CHR4:10082403	SSF x Near_LoA	0,772	0,244	0,263
CHR4	1E+07	CHR4:10082404	SSF x Near_LoA	-6,661	-0,104	0,287
CHR4	1E+07	CHR4:10082412	SSF x Near_LoA	-6,352	0,085	0,280
CHR4	1E+07	CHR4:10082433	SSF x Near_LoA	-8,424	0,045	0,276
CHR4	1E+07	CHR4:10082623	SSF x Near_LoA	-6,943	-0,112	0,290
CHR4	1E+07	CHR4:10085715	SSF x Near_LoA	-5,868	0,050	0,296
CHR4	1E+07	CHR4:10085741	SSF x Near_LoA	-6,866	0,081	0,291
CHR4	1E+07	CHR4:10095122	SSF x Near_LoA	-8,216	0,073	0,277
CHR4	1E+07	CHR4:10096907	SSF x Near_LoA	-6,629	-0,101	0,279
CHR4	1E+07	CHR4:10097025	SSF x Near_LoA	-8,541	-0,085	0,284
CHR4	1E+07	CHR4:10098441	SSF x Near_LoA	-10,154	-0,036	0,288
CHR4	1E+07	CHR4:10098510	SSF x Near_LoA	-8,207	0,010	0,284
CHR4	1E+07	CHR4:10098556	SSF x Near_LoA	-7,446	-0,025	0,286
CHR4	1E+07	CHR4:10114875	SSF x Near_LoA	-9,624	-0,050	0,296
CHR4	1E+07	CHR4:10118714	SSF x Near_LoA	-8,227	0,181	0,290
CHR4	1E+07	CHR4:10118867	SSF x Near_LoA	-8,166	-0,104	0,287
CHR4	1E+07	CHR4:10118917	SSF x Near_LoA	-8,972	-0,051	0,295
CHR4	1E+07	CHR4:10118927	SSF x Near_LoA	-8,234	0,003	0,291
CHR4	1E+07	CHR4:10124277	SSF x Near_LoA	-3,958	-0,173	0,271
CHR4	1E+07	CHR4:10124382	SSF x Near_LoA	-6,698	-0,096	0,287
CHR4	1E+07	CHR4:10124421	SSF x Near_LoA	-2,047	0,149	0,282
CHR4	1E+07	CHR4:10131478	SSF x Near_LoA	-10,225	0,053	0,285
CHR4	1E+07	CHR4:10131487	SSF x Near_LoA	-7,057	-0,080	0,279
CHR4	1E+07	CHR4:10131503	SSF x Near_LoA	-7,841	0,035	0,283
CHR4	1E+07	CHR4:10131541	SSF x Near_LoA	-5,206	-0,156	0,285
CHR4	1E+07	CHR4:10131546	SSF x Near_LoA	-6,891	-0,149	0,283
CHR4	1E+07	CHR4:10131584	SSF x Near_LoA	-4,086	0,209	0,259
CHR4	1016335	CHR4:1016335	SSF x Near_LoA	-7,904	0,139	0,284
CHR4	1016729	CHR4:1016729	SSF x Near_LoA	-6,926	-0,093	0,286
CHR4	1E+07	CHR4:10180003	SSF x Near_LoA	-5,426	0,088	0,280
CHR4	1E+07	CHR4:10180058	SSF x Near_LoA	-7,923	-0,167	0,275
CHR4	1E+07	CHR4:10180097	SSF x Near_LoA	-9,063	0,051	0,283
CHR4	1E+07	CHR4:10180142	SSF x Near_LoA	-8,674	0,063	0,279
CHR4	1E+07	CHR4:10200754	SSF x Near_LoA	-6,012	-0,088	0,297
CHR4	1E+07	CHR4:10202247	SSF x Near_LoA	10,332	-0,048	0,274
CHR4	1E+07	CHR4:10202374	SSF x Near_LoA	-7,908	0,041	0,285
CHR4	1E+07	CHR4:10246911	SSF x Near_LoA	-8,194	0,066	0,296
CHR4	1E+07	CHR4:10248763	SSF x Near_LoA	-3,104	0,134	0,300
CHR4	1E+07	CHR4:10248856	SSF x Near_LoA	-9,505	0,061	0,294
CHR4	1E+07	CHR4:10256325	SSF x Near_LoA	-10,996	0,036	0,282
CHR4	1028720	CHR4:1028720	SSF x Near_LoA	-9,142	-0,045	0,300
CHR4	1E+07	CHR4:10289051	SSF x Near_LoA	-8,634	-0,106	0,282
CHR4	1E+07	CHR4:10289443	SSF x Near_LoA	-7,862	0,118	0,280
CHR4	1E+07	CHR4:10289499	SSF x Near_LoA	-5,624	0,091	0,296
CHR4	1029033	CHR4:1029033	SSF x Near_LoA	-8,813	-0,067	0,285
CHR4	1E+07	CHR4:10300837	SSF x Near_LoA	-7,906	-0,056	0,290
CHR4	1E+07	CHR4:10341294	SSF x Near_LoA	-10,114	0,054	0,283
CHR4	1E+07	CHR4:10341331	SSF x Near_LoA	-7,747	0,025	0,272
CHR4	1E+07	CHR4:10341344	SSF x Near_LoA	-7,916	-0,108	0,263
CHR4	1E+07	CHR4:10344184	SSF x Near_LoA	-9,977	-0,063	0,284
CHR4	1E+07	CHR4:10344469	SSF x Near_LoA	-8,679	-0,061	0,283
CHR4	1E+07	CHR4:10348436	SSF x Near_LoA	-9,727	-0,012	0,290

CHR4	1E+07	CHR4:10348437	SSF x Near_LoA	-0,637	0,181	0,285
CHR4	1E+07	CHR4:10348454	SSF x Near_LoA	-6,434	0,140	0,295
CHR4	1E+07	CHR4:10348510	SSF x Near_LoA	-7,707	-0,131	0,281
CHR4	1E+07	CHR4:10348716	SSF x Near_LoA	-7,899	-0,092	0,292
CHR4	1E+07	CHR4:10348752	SSF x Near_LoA	-8,391	-0,059	0,286
CHR4	1E+07	CHR4:10348778	SSF x Near_LoA	-7,323	-0,065	0,300
CHR4	1E+07	CHR4:10348784	SSF x Near_LoA	-8,716	-0,061	0,293
CHR4	1035198	CHR4:1035198	SSF x Near_LoA	0,417	0,230	0,261
CHR4	1035269	CHR4:1035269	SSF x Near_LoA	-8,318	-0,117	0,286
CHR4	1E+07	CHR4:10355543	SSF x Near_LoA	-3,678	0,155	0,261
CHR4	1E+07	CHR4:10370234	SSF x Near_LoA	-10,334	0,036	0,284
CHR4	1E+07	CHR4:10371114	SSF x Near_LoA	-9,201	-0,032	0,296
CHR4	1E+07	CHR4:10371165	SSF x Near_LoA	-9,169	-0,002	0,291
CHR4	1E+07	CHR4:10372428	SSF x Near_LoA	-9,762	-0,007	0,300
CHR4	1E+07	CHR4:10372472	SSF x Near_LoA	-8,564	-0,042	0,282
CHR4	1E+07	CHR4:10372499	SSF x Near_LoA	-6,477	-0,016	0,304
CHR4	1E+07	CHR4:10372531	SSF x Near_LoA	-7,885	-0,050	0,289
CHR4	1E+07	CHR4:10375535	SSF x Near_LoA	-5,882	0,063	0,286
CHR4	1E+07	CHR4:10375572	SSF x Near_LoA	-6,231	-0,024	0,298
CHR4	1E+07	CHR4:10375638	SSF x Near_LoA	-7,487	0,031	0,292
CHR4	1E+07	CHR4:10375686	SSF x Near_LoA	-9,800	0,096	0,281
CHR4	1E+07	CHR4:10386931	SSF x Near_LoA	-10,619	0,026	0,279
CHR4	1E+07	CHR4:10388614	SSF x Near_LoA	-4,527	0,159	0,284
CHR4	1E+07	CHR4:10388643	SSF x Near_LoA	-7,591	-0,089	0,288
CHR4	1E+07	CHR4:10388697	SSF x Near_LoA	0,097	-0,270	0,259
CHR4	1E+07	CHR4:10388862	SSF x Near_LoA	-7,755	-0,122	0,297
CHR4	1E+07	CHR4:10391936	SSF x Near_LoA	-9,564	-0,083	0,285
CHR4	1E+07	CHR4:10392035	SSF x Near_LoA	-9,401	0,064	0,273
CHR4	1E+07	CHR4:10395564	SSF x Near_LoA	-9,019	-0,073	0,285
CHR4	1E+07	CHR4:10395730	SSF x Near_LoA	-7,695	0,098	0,289
CHR4	1E+07	CHR4:10395774	SSF x Near_LoA	-8,353	0,092	0,274
CHR4	1E+07	CHR4:10395808	SSF x Near_LoA	-8,002	0,130	0,284
CHR4	1E+07	CHR4:10418669	SSF x Near_LoA	-6,327	0,162	0,270
CHR4	1E+07	CHR4:10418779	SSF x Near_LoA	-5,415	0,179	0,293
CHR4	1E+07	CHR4:10418822	SSF x Near_LoA	-8,831	-0,001	0,287
CHR4	1E+07	CHR4:10418867	SSF x Near_LoA	-5,552	0,153	0,290
CHR4	1E+07	CHR4:10418886	SSF x Near_LoA	-7,042	0,150	0,283
CHR4	1E+07	CHR4:10418908	SSF x Near_LoA	-7,693	0,008	0,290
CHR4	1E+07	CHR4:10418975	SSF x Near_LoA	-7,966	0,037	0,282
CHR4	1E+07	CHR4:10420049	SSF x Near_LoA	-6,649	-0,141	0,279
CHR4	1E+07	CHR4:10420111	SSF x Near_LoA	-5,506	-0,100	0,284
CHR4	1E+07	CHR4:10422435	SSF x Near_LoA	-8,497	0,143	0,283
CHR4	1E+07	CHR4:10422454	SSF x Near_LoA	-8,256	-0,054	0,298
CHR4	1E+07	CHR4:10422671	SSF x Near_LoA	-7,601	-0,074	0,284
CHR4	1043508	CHR4:1043508	SSF x Near_LoA	-8,202	0,022	0,289
CHR4	1043547	CHR4:1043547	SSF x Near_LoA	-10,062	-0,021	0,285
CHR4	1043588	CHR4:1043588	SSF x Near_LoA	-9,387	-0,096	0,291
CHR4	104448	CHR4:104448	SSF x Near_LoA	-4,821	-0,067	0,293
CHR4	1E+07	CHR4:10462184	SSF x Near_LoA	-10,958	0,031	0,279
CHR4	1E+07	CHR4:10462352	SSF x Near_LoA	-7,089	0,195	0,270
CHR4	1E+07	CHR4:10462442	SSF x Near_LoA	-7,930	0,127	0,278
CHR4	10519530	CHR4:10519530	SSF x Near_LoA	-8,839	0,114	0,275
CHR4	10519543	CHR4:10519543	SSF x Near_LoA	-6,651	-0,122	0,297

CHR4	10519612	CHR4:10519612	SSF x Near_LoA	-7,698	-0,025	0,286
CHR4	10563236	CHR4:10563236	SSF x Near_LoA	-8,387	0,085	0,287
CHR4	10563255	CHR4:10563255	SSF x Near_LoA	-8,969	0,084	0,281
CHR4	10563261	CHR4:10563261	SSF x Near_LoA	-7,616	0,079	0,293
CHR4	10570414	CHR4:10570414	SSF x Near_LoA	-1,825	-0,192	0,276
CHR4	10570432	CHR4:10570432	SSF x Near_LoA	-9,677	-0,011	0,291
CHR4	10572007	CHR4:10572007	SSF x Near_LoA	-6,892	-0,186	0,282
CHR4	10576915	CHR4:10576915	SSF x Near_LoA	-7,519	0,079	0,278
CHR4	10577055	CHR4:10577055	SSF x Near_LoA	-10,908	0,035	0,280
CHR4	10577122	CHR4:10577122	SSF x Near_LoA	-8,540	-0,014	0,290
CHR4	10578754	CHR4:10578754	SSF x Near_LoA	-5,596	-0,148	0,269
CHR4	10578809	CHR4:10578809	SSF x Near_LoA	-6,947	-0,180	0,285
CHR4	10578814	CHR4:10578814	SSF x Near_LoA	-8,118	-0,048	0,305
CHR4	1059361	CHR4:1059361	SSF x Near_LoA	-10,483	0,015	0,292
CHR4	1059578	CHR4:1059578	SSF x Near_LoA	-4,411	-0,141	0,293
CHR4	10608006	CHR4:10608006	SSF x Near_LoA	-8,372	0,010	0,284
CHR4	10623263	CHR4:10623263	SSF x Near_LoA	-4,578	0,040	0,285
CHR4	10651089	CHR4:10651089	SSF x Near_LoA	-7,565	0,021	0,298
CHR4	10651149	CHR4:10651149	SSF x Near_LoA	11,192	-0,052	0,278
CHR4	10654315	CHR4:10654315	SSF x Near_LoA	-9,190	-0,015	0,302
CHR4	10654324	CHR4:10654324	SSF x Near_LoA	-7,937	-0,018	0,294
CHR4	10677362	CHR4:10677362	SSF x Near_LoA	-9,815	-0,063	0,282
CHR4	10677388	CHR4:10677388	SSF x Near_LoA	-7,092	-0,043	0,293
CHR4	10677438	CHR4:10677438	SSF x Near_LoA	-9,119	-0,077	0,285
CHR4	10677447	CHR4:10677447	SSF x Near_LoA	6,860	-0,183	0,290
CHR4	10677458	CHR4:10677458	SSF x Near_LoA	-5,246	-0,186	0,286
CHR4	1070940	CHR4:1070940	SSF x Near_LoA	-8,883	0,004	0,286
CHR4	1070963	CHR4:1070963	SSF x Near_LoA	-7,562	0,048	0,286
CHR4	10710559	CHR4:10710559	SSF x Near_LoA	-7,067	-0,114	0,287
CHR4	10710624	CHR4:10710624	SSF x Near_LoA	-6,518	0,161	0,270
CHR4	10710670	CHR4:10710670	SSF x Near_LoA	-9,450	0,079	0,288
CHR4	10710674	CHR4:10710674	SSF x Near_LoA	-7,623	0,054	0,300
CHR4	10710809	CHR4:10710809	SSF x Near_LoA	-8,101	0,076	0,269
CHR4	10718859	CHR4:10718859	SSF x Near_LoA	-8,648	0,131	0,268
CHR4	10718906	CHR4:10718906	SSF x Near_LoA	-7,786	0,087	0,288
CHR4	10730749	CHR4:10730749	SSF x Near_LoA	-8,325	0,119	0,284
CHR4	10756736	CHR4:10756736	SSF x Near_LoA	-9,557	-0,047	0,292
CHR4	10756762	CHR4:10756762	SSF x Near_LoA	-7,303	0,066	0,272
CHR4	10756893	CHR4:10756893	SSF x Near_LoA	-10,230	0,032	0,285
CHR4	10756895	CHR4:10756895	SSF x Near_LoA	-9,110	0,083	0,275
CHR4	10756934	CHR4:10756934	SSF x Near_LoA	-9,823	0,083	0,282
CHR4	10757055	CHR4:10757055	SSF x Near_LoA	-10,121	0,035	0,294
CHR4	10772751	CHR4:10772751	SSF x Near_LoA	-10,302	0,005	0,291
CHR4	10773928	CHR4:10773928	SSF x Near_LoA	-7,102	-0,060	0,287
CHR4	10773929	CHR4:10773929	SSF x Near_LoA	-4,982	-0,047	0,280
CHR4	10773936	CHR4:10773936	SSF x Near_LoA	-0,197	-0,043	0,287
CHR4	10839435	CHR4:10839435	SSF x Near_LoA	-9,250	-0,034	0,286
CHR4	10839504	CHR4:10839504	SSF x Near_LoA	-5,928	0,105	0,293
CHR4	10839511	CHR4:10839511	SSF x Near_LoA	-9,290	0,020	0,292
CHR4	10839521	CHR4:10839521	SSF x Near_LoA	-7,267	-0,097	0,278
CHR4	10839525	CHR4:10839525	SSF x Near_LoA	-3,886	0,028	0,295
CHR4	10839592	CHR4:10839592	SSF x Near_LoA	-6,099	-0,181	0,281
CHR4	10846353	CHR4:10846353	SSF x Near_LoA	-7,331	0,168	0,262

CHR4	10846489	CHR4:10846489	SSF x Near_LoA	-7,492	0,193	0,263
CHR4	10846546	CHR4:10846546	SSF x Near_LoA	-4,880	0,179	0,268
CHR4	10846944	CHR4:10846944	SSF x Near_LoA	-7,790	0,126	0,279
CHR4	10846945	CHR4:10846945	SSF x Near_LoA	-7,438	0,117	0,271
CHR4	10846946	CHR4:10846946	SSF x Near_LoA	-7,549	0,106	0,279
CHR4	10846947	CHR4:10846947	SSF x Near_LoA	-5,404	0,182	0,268
CHR4	10846989	CHR4:10846989	SSF x Near_LoA	-9,402	0,067	0,284
CHR4	10846995	CHR4:10846995	SSF x Near_LoA	3,798	0,139	0,281
CHR4	10855284	CHR4:10855284	SSF x Near_LoA	-8,005	-0,030	0,280
CHR4	10855300	CHR4:10855300	SSF x Near_LoA	5,797	0,136	0,271
CHR4	10861656	CHR4:10861656	SSF x Near_LoA	-0,579	-0,140	0,268
CHR4	10861680	CHR4:10861680	SSF x Near_LoA	-6,251	-0,170	0,282
CHR4	10861713	CHR4:10861713	SSF x Near_LoA	-9,588	-0,041	0,278
CHR4	10861714	CHR4:10861714	SSF x Near_LoA	-7,629	-0,136	0,281
CHR4	10861721	CHR4:10861721	SSF x Near_LoA	-8,016	-0,135	0,282
CHR4	10864588	CHR4:10864588	SSF x Near_LoA	5,881	-0,054	0,285
CHR4	10868504	CHR4:10868504	SSF x Near_LoA	-8,243	-0,044	0,288
CHR4	10868522	CHR4:10868522	SSF x Near_LoA	-6,076	-0,122	0,291
CHR4	10868587	CHR4:10868587	SSF x Near_LoA	-6,629	-0,042	0,286
CHR4	10868603	CHR4:10868603	SSF x Near_LoA	-9,077	-0,089	0,281
CHR4	10868691	CHR4:10868691	SSF x Near_LoA	-7,669	0,002	0,294
CHR4	10868702	CHR4:10868702	SSF x Near_LoA	-9,376	-0,016	0,294
CHR4	10868719	CHR4:10868719	SSF x Near_LoA	-1,784	-0,205	0,280
CHR4	10878454	CHR4:10878454	SSF x Near_LoA	-8,502	-0,032	0,284
CHR4	10878550	CHR4:10878550	SSF x Near_LoA	-7,986	0,036	0,276
CHR4	10882537	CHR4:10882537	SSF x Near_LoA	-8,524	-0,059	0,291
CHR4	10884943	CHR4:10884943	SSF x Near_LoA	-7,667	0,048	0,294
CHR4	10884971	CHR4:10884971	SSF x Near_LoA	-6,983	-0,115	0,295
CHR4	10890786	CHR4:10890786	SSF x Near_LoA	-5,397	0,141	0,279
CHR4	10916871	CHR4:10916871	SSF x Near_LoA	1,203	-0,104	0,291
CHR4	10917060	CHR4:10917060	SSF x Near_LoA	-6,722	0,188	0,265
CHR4	10917126	CHR4:10917126	SSF x Near_LoA	-8,148	-0,096	0,286
CHR4	10922564	CHR4:10922564	SSF x Near_LoA	-1,047	-0,075	0,295
CHR4	10957398	CHR4:10957398	SSF x Near_LoA	-5,997	0,146	0,286
CHR4	10957637	CHR4:10957637	SSF x Near_LoA	-4,587	0,236	0,279
CHR4	10958527	CHR4:10958527	SSF x Near_LoA	-5,285	0,074	0,284
CHR4	10958549	CHR4:10958549	SSF x Near_LoA	-10,037	0,033	0,278
CHR4	10958555	CHR4:10958555	SSF x Near_LoA	-6,471	0,125	0,294
CHR4	10958659	CHR4:10958659	SSF x Near_LoA	-9,661	0,031	0,274
CHR4	10958686	CHR4:10958686	SSF x Near_LoA	-8,321	0,144	0,284
CHR4	10964462	CHR4:10964462	SSF x Near_LoA	-9,722	-0,068	0,280
CHR4	10964567	CHR4:10964567	SSF x Near_LoA	-7,982	-0,044	0,277
CHR4	10972782	CHR4:10972782	SSF x Near_LoA	-6,942	0,141	0,268
CHR4	10972855	CHR4:10972855	SSF x Near_LoA	-8,468	0,113	0,289
CHR4	10972857	CHR4:10972857	SSF x Near_LoA	-4,267	-0,091	0,295
CHR4	10972861	CHR4:10972861	SSF x Near_LoA	-7,946	-0,070	0,288
CHR4	10972862	CHR4:10972862	SSF x Near_LoA	-6,967	-0,079	0,283
CHR4	10972887	CHR4:10972887	SSF x Near_LoA	-10,278	0,013	0,283
CHR4	10972901	CHR4:10972901	SSF x Near_LoA	-7,620	-0,102	0,278
CHR4	10979903	CHR4:10979903	SSF x Near_LoA	-3,683	-0,165	0,280
CHR4	10984831	CHR4:10984831	SSF x Near_LoA	-10,299	0,052	0,277
CHR4	10990476	CHR4:10990476	SSF x Near_LoA	-8,839	-0,094	0,293
CHR4	10990508	CHR4:10990508	SSF x Near_LoA	-9,575	0,027	0,283

CHR4	10990541	CHR4:10990541	SSF x Near_LoA	-7,702	0,029	0,293
CHR4	10990566	CHR4:10990566	SSF x Near_LoA	-8,085	0,049	0,284
CHR4	10990733	CHR4:10990733	SSF x Near_LoA	-6,644	-0,123	0,286
CHR4	10990744	CHR4:10990744	SSF x Near_LoA	-7,475	0,170	0,288
CHR4	10990801	CHR4:10990801	SSF x Near_LoA	-9,113	-0,066	0,279
CHR4	11007360	CHR4:11007360	SSF x Near_LoA	-7,984	-0,137	0,301
CHR4	11017792	CHR4:11017792	SSF x Near_LoA	-9,847	-0,066	0,292
CHR4	11017805	CHR4:11017805	SSF x Near_LoA	-9,491	-0,085	0,290
CHR4	11017922	CHR4:11017922	SSF x Near_LoA	-7,153	0,096	0,287
CHR4	11035050	CHR4:11035050	SSF x Near_LoA	-8,677	0,039	0,289
CHR4	11035130	CHR4:11035130	SSF x Near_LoA	-8,769	-0,113	0,290
CHR4	11035220	CHR4:11035220	SSF x Near_LoA	-8,995	0,039	0,290
CHR4	11035249	CHR4:11035249	SSF x Near_LoA	-6,980	0,137	0,291
CHR4	1104204	CHR4:1104204	SSF x Near_LoA	-7,943	-0,012	0,289
CHR4	11045813	CHR4:11045813	SSF x Near_LoA	-6,231	0,158	0,274
CHR4	1106797	CHR4:1106797	SSF x Near_LoA	-8,592	0,027	0,287
CHR4	11070847	CHR4:11070847	SSF x Near_LoA	-6,878	0,213	0,257
CHR4	11084430	CHR4:11084430	SSF x Near_LoA	-8,547	0,032	0,297
CHR4	11084504	CHR4:11084504	SSF x Near_LoA	-7,481	-0,073	0,274
CHR4	11091513	CHR4:11091513	SSF x Near_LoA	-7,052	0,120	0,287
CHR4	11091796	CHR4:11091796	SSF x Near_LoA	-6,199	0,136	0,293
CHR4	11103630	CHR4:11103630	SSF x Near_LoA	-9,282	0,072	0,272
CHR4	11103641	CHR4:11103641	SSF x Near_LoA	-8,321	-0,143	0,276
CHR4	11103643	CHR4:11103643	SSF x Near_LoA	-6,358	0,125	0,275
CHR4	11103785	CHR4:11103785	SSF x Near_LoA	-5,352	0,138	0,295
CHR4	11103814	CHR4:11103814	SSF x Near_LoA	-5,427	-0,179	0,287
CHR4	11126542	CHR4:11126542	SSF x Near_LoA	-10,160	0,008	0,283
CHR4	11126556	CHR4:11126556	SSF x Near_LoA	-4,893	-0,056	0,274
CHR4	11126661	CHR4:11126661	SSF x Near_LoA	-9,116	-0,008	0,288
CHR4	11146649	CHR4:11146649	SSF x Near_LoA	2,833	-0,087	0,285
CHR4	11165215	CHR4:11165215	SSF x Near_LoA	-5,415	0,164	0,282
CHR4	11222796	CHR4:11222796	SSF x Near_LoA	-6,679	-0,059	0,291
CHR4	11222908	CHR4:11222908	SSF x Near_LoA	-7,506	0,071	0,296
CHR4	11246241	CHR4:11246241	SSF x Near_LoA	-8,168	-0,198	0,279
CHR4	11246280	CHR4:11246280	SSF x Near_LoA	-9,394	-0,058	0,286
CHR4	11248568	CHR4:11248568	SSF x Near_LoA	-7,451	-0,042	0,295
CHR4	1125061	CHR4:1125061	SSF x Near_LoA	-6,665	-0,153	0,275
CHR4	1125080	CHR4:1125080	SSF x Near_LoA	6,360	-0,188	0,279
CHR4	1125086	CHR4:1125086	SSF x Near_LoA	-6,600	-0,172	0,290
CHR4	11263484	CHR4:11263484	SSF x Near_LoA	-7,115	0,201	0,277
CHR4	11263548	CHR4:11263548	SSF x Near_LoA	-9,371	0,059	0,279
CHR4	1126439	CHR4:1126439	SSF x Near_LoA	-6,476	0,081	0,284
CHR4	11273422	CHR4:11273422	SSF x Near_LoA	-7,739	-0,094	0,282
CHR4	11281642	CHR4:11281642	SSF x Near_LoA	-8,717	0,048	0,273
CHR4	11281771	CHR4:11281771	SSF x Near_LoA	-7,517	-0,055	0,289
CHR4	11288323	CHR4:11288323	SSF x Near_LoA	-7,300	0,143	0,284
CHR4	1130406	CHR4:1130406	SSF x Near_LoA	-10,659	-0,068	0,278
CHR4	1130447	CHR4:1130447	SSF x Near_LoA	-7,562	-0,083	0,273
CHR4	11308176	CHR4:11308176	SSF x Near_LoA	-4,911	0,144	0,276
CHR4	11308276	CHR4:11308276	SSF x Near_LoA	-7,266	-0,034	0,293
CHR4	11308361	CHR4:11308361	SSF x Near_LoA	-2,599	0,175	0,280
CHR4	1131624	CHR4:1131624	SSF x Near_LoA	-7,625	-0,040	0,280
CHR4	1131689	CHR4:1131689	SSF x Near_LoA	-7,502	0,095	0,289

CHR4	1131732	CHR4:1131732	SSF x Near_LoA	-8,495	0,048	0,290
CHR4	11361646	CHR4:11361646	SSF x Near_LoA	-2,754	-0,016	0,299
CHR4	11361721	CHR4:11361721	SSF x Near_LoA	-8,702	0,123	0,277
CHR4	11361794	CHR4:11361794	SSF x Near_LoA	-8,222	0,000	0,296
CHR4	11361796	CHR4:11361796	SSF x Near_LoA	-8,155	-0,025	0,292
CHR4	11366914	CHR4:11366914	SSF x Near_LoA	-3,663	-0,214	0,265
CHR4	11367159	CHR4:11367159	SSF x Near_LoA	-4,782	0,260	0,263
CHR4	11371535	CHR4:11371535	SSF x Near_LoA	-11,087	-0,072	0,277
CHR4	11371563	CHR4:11371563	SSF x Near_LoA	-10,019	0,088	0,288
CHR4	11377713	CHR4:11377713	SSF x Near_LoA	-8,126	-0,101	0,280
CHR4	11377738	CHR4:11377738	SSF x Near_LoA	-7,697	0,071	0,295
CHR4	11377784	CHR4:11377784	SSF x Near_LoA	-9,425	-0,130	0,281
CHR4	11381955	CHR4:11381955	SSF x Near_LoA	-8,847	0,058	0,281
CHR4	11410822	CHR4:11410822	SSF x Near_LoA	-11,214	0,030	0,283
CHR4	11410827	CHR4:11410827	SSF x Near_LoA	-7,017	-0,046	0,296
CHR4	11425236	CHR4:11425236	SSF x Near_LoA	-10,725	-0,034	0,278
CHR4	11425390	CHR4:11425390	SSF x Near_LoA	-5,491	-0,002	0,286
CHR4	11438617	CHR4:11438617	SSF x Near_LoA	-2,219	0,061	0,294
CHR4	11439481	CHR4:11439481	SSF x Near_LoA	-4,250	0,214	0,273
CHR4	11439607	CHR4:11439607	SSF x Near_LoA	-7,874	0,035	0,280
CHR4	11439622	CHR4:11439622	SSF x Near_LoA	-6,642	0,100	0,285
CHR4	11439688	CHR4:11439688	SSF x Near_LoA	-8,566	-0,009	0,278
CHR4	11456535	CHR4:11456535	SSF x Near_LoA	-8,104	-0,026	0,282
CHR4	11456582	CHR4:11456582	SSF x Near_LoA	-10,620	-0,028	0,281
CHR4	11456637	CHR4:11456637	SSF x Near_LoA	-8,934	0,064	0,300
CHR4	11464944	CHR4:11464944	SSF x Near_LoA	2,185	0,112	0,293
CHR4	11464994	CHR4:11464994	SSF x Near_LoA	-8,697	0,013	0,297
CHR4	11465028	CHR4:11465028	SSF x Near_LoA	-8,736	0,149	0,283
CHR4	11465133	CHR4:11465133	SSF x Near_LoA	-6,774	0,064	0,285
CHR4	1146748	CHR4:1146748	SSF x Near_LoA	-7,555	0,080	0,292
CHR4	1146871	CHR4:1146871	SSF x Near_LoA	-4,280	0,061	0,283
CHR4	1146895	CHR4:1146895	SSF x Near_LoA	-7,539	-0,103	0,287
CHR4	11481719	CHR4:11481719	SSF x Near_LoA	-9,360	-0,101	0,287
CHR4	11481784	CHR4:11481784	SSF x Near_LoA	-3,016	0,238	0,271
CHR4	11481828	CHR4:11481828	SSF x Near_LoA	-6,812	0,103	0,266
CHR4	1148505	CHR4:1148505	SSF x Near_LoA	-9,788	0,002	0,291
CHR4	11490269	CHR4:11490269	SSF x Near_LoA	-6,435	-0,128	0,290
CHR4	11490315	CHR4:11490315	SSF x Near_LoA	-5,787	-0,107	0,299
CHR4	11490394	CHR4:11490394	SSF x Near_LoA	-7,557	0,003	0,285
CHR4	11495317	CHR4:11495317	SSF x Near_LoA	-7,358	-0,043	0,283
CHR4	11510863	CHR4:11510863	SSF x Near_LoA	-6,395	-0,095	0,283
CHR4	11524134	CHR4:11524134	SSF x Near_LoA	-10,085	0,105	0,284
CHR4	11524175	CHR4:11524175	SSF x Near_LoA	-8,009	0,075	0,284
CHR4	11524192	CHR4:11524192	SSF x Near_LoA	-6,607	0,013	0,303
CHR4	11524227	CHR4:11524227	SSF x Near_LoA	-11,192	0,052	0,282
CHR4	11524425	CHR4:11524425	SSF x Near_LoA	-9,103	0,025	0,283
CHR4	11546182	CHR4:11546182	SSF x Near_LoA	-5,526	0,198	0,267
CHR4	11546256	CHR4:11546256	SSF x Near_LoA	-7,610	-0,072	0,287
CHR4	11564922	CHR4:11564922	SSF x Near_LoA	-8,630	-0,094	0,298
CHR4	11565014	CHR4:11565014	SSF x Near_LoA	-7,971	0,062	0,289
CHR4	11565022	CHR4:11565022	SSF x Near_LoA	-7,666	0,124	0,283
CHR4	11578008	CHR4:11578008	SSF x Near_LoA	-8,391	-0,109	0,284
CHR4	11578166	CHR4:11578166	SSF x Near_LoA	-9,729	-0,123	0,282

CHR4	11587080	CHR4:11587080	SSF x Near_LoA	-6,702	-0,133	0,264
CHR4	11587167	CHR4:11587167	SSF x Near_LoA	-6,410	-0,053	0,302
CHR4	11587274	CHR4:11587274	SSF x Near_LoA	-7,406	-0,050	0,310
CHR4	11588256	CHR4:11588256	SSF x Near_LoA	-10,292	-0,034	0,284
CHR4	11598981	CHR4:11598981	SSF x Near_LoA	-5,714	0,129	0,264
CHR4	11598983	CHR4:11598983	SSF x Near_LoA	-7,685	0,048	0,274
CHR4	11606460	CHR4:11606460	SSF x Near_LoA	-9,578	-0,037	0,288
CHR4	11606555	CHR4:11606555	SSF x Near_LoA	-8,258	0,075	0,281
CHR4	11606569	CHR4:11606569	SSF x Near_LoA	-5,684	0,122	0,276
CHR4	11606612	CHR4:11606612	SSF x Near_LoA	-6,803	-0,187	0,283
CHR4	11622891	CHR4:11622891	SSF x Near_LoA	-7,821	0,014	0,295
CHR4	11622898	CHR4:11622898	SSF x Near_LoA	-8,494	0,009	0,290
CHR4	11625496	CHR4:11625496	SSF x Near_LoA	-9,596	0,026	0,293
CHR4	11625506	CHR4:11625506	SSF x Near_LoA	-7,568	-0,028	0,293
CHR4	11625520	CHR4:11625520	SSF x Near_LoA	-7,741	-0,006	0,284
CHR4	11625621	CHR4:11625621	SSF x Near_LoA	-6,908	0,000	0,288
CHR4	11625700	CHR4:11625700	SSF x Near_LoA	-10,946	-0,024	0,280
CHR4	11645292	CHR4:11645292	SSF x Near_LoA	-9,258	-0,040	0,275
CHR4	11702548	CHR4:11702548	SSF x Near_LoA	-8,586	-0,111	0,295
CHR4	11702705	CHR4:11702705	SSF x Near_LoA	-4,844	0,118	0,275
CHR4	11702715	CHR4:11702715	SSF x Near_LoA	-6,045	-0,107	0,291
CHR4	11702743	CHR4:11702743	SSF x Near_LoA	-9,185	-0,014	0,287
CHR4	11702745	CHR4:11702745	SSF x Near_LoA	-8,090	-0,025	0,300
CHR4	11702767	CHR4:11702767	SSF x Near_LoA	-5,155	-0,170	0,273
CHR4	11724905	CHR4:11724905	SSF x Near_LoA	-5,458	0,168	0,258
CHR4	11729788	CHR4:11729788	SSF x Near_LoA	-7,818	0,095	0,297
CHR4	11729818	CHR4:11729818	SSF x Near_LoA	-8,533	-0,031	0,273
CHR4	11734133	CHR4:11734133	SSF x Near_LoA	-7,149	0,144	0,286
CHR4	11734165	CHR4:11734165	SSF x Near_LoA	-6,389	-0,210	0,268
CHR4	11735407	CHR4:11735407	SSF x Near_LoA	-10,463	-0,084	0,281
CHR4	11735409	CHR4:11735409	SSF x Near_LoA	-9,432	0,015	0,287
CHR4	11735436	CHR4:11735436	SSF x Near_LoA	-9,459	0,034	0,298
CHR4	11739734	CHR4:11739734	SSF x Near_LoA	-5,146	-0,044	0,288
CHR4	11739737	CHR4:11739737	SSF x Near_LoA	-8,561	0,077	0,291
CHR4	11739777	CHR4:11739777	SSF x Near_LoA	-6,507	-0,048	0,297
CHR4	11741583	CHR4:11741583	SSF x Near_LoA	-10,643	-0,044	0,296
CHR4	11741600	CHR4:11741600	SSF x Near_LoA	-9,448	0,017	0,290
CHR4	11741650	CHR4:11741650	SSF x Near_LoA	-8,139	-0,185	0,287
CHR4	11791369	CHR4:11791369	SSF x Near_LoA	-8,825	0,145	0,275
CHR4	11791423	CHR4:11791423	SSF x Near_LoA	-7,817	0,056	0,290
CHR4	11791441	CHR4:11791441	SSF x Near_LoA	-8,721	-0,098	0,271
CHR4	11800578	CHR4:11800578	SSF x Near_LoA	-7,945	0,085	0,288
CHR4	11800723	CHR4:11800723	SSF x Near_LoA	-9,443	-0,006	0,286
CHR4	11800793	CHR4:11800793	SSF x Near_LoA	-4,755	0,153	0,276
CHR4	11815390	CHR4:11815390	SSF x Near_LoA	-6,169	0,095	0,290
CHR4	11815394	CHR4:11815394	SSF x Near_LoA	-7,492	0,104	0,270
CHR4	11815476	CHR4:11815476	SSF x Near_LoA	-6,241	-0,044	0,308
CHR4	11817307	CHR4:11817307	SSF x Near_LoA	-8,499	0,011	0,290
CHR4	11819421	CHR4:11819421	SSF x Near_LoA	-8,017	-0,036	0,282
CHR4	11819458	CHR4:11819458	SSF x Near_LoA	-7,849	0,033	0,282
CHR4	11830466	CHR4:11830466	SSF x Near_LoA	-6,264	-0,115	0,303
CHR4	11830477	CHR4:11830477	SSF x Near_LoA	-5,854	-0,111	0,302
CHR4	11830526	CHR4:11830526	SSF x Near_LoA	-8,724	0,054	0,288

CHR4	11830598	CHR4:11830598	SSF x Near_LoA	-8,479	0,130	0,273
CHR4	11830605	CHR4:11830605	SSF x Near_LoA	-8,432	0,150	0,280
CHR4	11830649	CHR4:11830649	SSF x Near_LoA	-8,965	0,174	0,282
CHR4	11830691	CHR4:11830691	SSF x Near_LoA	-7,764	0,007	0,297
CHR4	11830717	CHR4:11830717	SSF x Near_LoA	-7,449	0,100	0,296
CHR4	11837901	CHR4:11837901	SSF x Near_LoA	-10,943	0,035	0,287
CHR4	11838058	CHR4:11838058	SSF x Near_LoA	-8,383	-0,006	0,296
CHR4	11841455	CHR4:11841455	SSF x Near_LoA	-6,377	-0,084	0,300
CHR4	11841462	CHR4:11841462	SSF x Near_LoA	-7,189	0,092	0,297
CHR4	11841467	CHR4:11841467	SSF x Near_LoA	-6,668	-0,059	0,283
CHR4	11841541	CHR4:11841541	SSF x Near_LoA	-2,804	-0,034	0,291
CHR4	1184546	CHR4:1184546	SSF x Near_LoA	-4,725	-0,161	0,283
CHR4	1184705	CHR4:1184705	SSF x Near_LoA	-8,952	0,042	0,290
CHR4	11854190	CHR4:11854190	SSF x Near_LoA	-6,137	0,015	0,297
CHR4	11854222	CHR4:11854222	SSF x Near_LoA	-8,911	0,007	0,286
CHR4	11854225	CHR4:11854225	SSF x Near_LoA	-7,304	0,026	0,292
CHR4	11854244	CHR4:11854244	SSF x Near_LoA	-9,762	-0,049	0,302
CHR4	11854257	CHR4:11854257	SSF x Near_LoA	-1,261	-0,207	0,274
CHR4	11854269	CHR4:11854269	SSF x Near_LoA	-5,590	-0,216	0,275
CHR4	11854270	CHR4:11854270	SSF x Near_LoA	-5,113	-0,190	0,291
CHR4	11854283	CHR4:11854283	SSF x Near_LoA	-4,178	-0,250	0,276
CHR4	11859390	CHR4:11859390	SSF x Near_LoA	-7,780	0,030	0,285
CHR4	11883654	CHR4:11883654	SSF x Near_LoA	-9,578	0,009	0,290
CHR4	11883736	CHR4:11883736	SSF x Near_LoA	-9,497	0,089	0,281
CHR4	11883811	CHR4:11883811	SSF x Near_LoA	-8,543	0,002	0,285
CHR4	11883881	CHR4:11883881	SSF x Near_LoA	-3,527	0,081	0,298
CHR4	11883896	CHR4:11883896	SSF x Near_LoA	-8,117	-0,021	0,296
CHR4	11895498	CHR4:11895498	SSF x Near_LoA	-0,282	-0,178	0,271
CHR4	11895513	CHR4:11895513	SSF x Near_LoA	-9,698	-0,017	0,274
CHR4	11895524	CHR4:11895524	SSF x Near_LoA	-10,056	0,025	0,268
CHR4	11895664	CHR4:11895664	SSF x Near_LoA	-4,112	0,053	0,303
CHR4	11895818	CHR4:11895818	SSF x Near_LoA	-7,836	0,031	0,289
CHR4	11899138	CHR4:11899138	SSF x Near_LoA	-9,898	-0,118	0,283
CHR4	11899190	CHR4:11899190	SSF x Near_LoA	-7,795	0,102	0,269
CHR4	11903441	CHR4:11903441	SSF x Near_LoA	-6,527	0,143	0,287
CHR4	11903617	CHR4:11903617	SSF x Near_LoA	-4,194	0,237	0,283
CHR4	11908119	CHR4:11908119	SSF x Near_LoA	-6,663	0,142	0,276
CHR4	11908150	CHR4:11908150	SSF x Near_LoA	-8,435	-0,174	0,268
CHR4	11908302	CHR4:11908302	SSF x Near_LoA	-10,124	-0,062	0,286
CHR4	11908312	CHR4:11908312	SSF x Near_LoA	-4,962	-0,205	0,288
CHR4	11908344	CHR4:11908344	SSF x Near_LoA	-7,904	0,003	0,289
CHR4	11908371	CHR4:11908371	SSF x Near_LoA	-10,992	0,021	0,279
CHR4	1193405	CHR4:1193405	SSF x Near_LoA	-7,234	0,179	0,272
CHR4	1193452	CHR4:1193452	SSF x Near_LoA	-7,830	0,050	0,286
CHR4	1193540	CHR4:1193540	SSF x Near_LoA	3,554	-0,099	0,295
CHR4	11960950	CHR4:11960950	SSF x Near_LoA	-9,223	-0,110	0,287
CHR4	11962496	CHR4:11962496	SSF x Near_LoA	-3,776	-0,006	0,284
CHR4	11962548	CHR4:11962548	SSF x Near_LoA	-8,283	-0,111	0,295
CHR4	11962550	CHR4:11962550	SSF x Near_LoA	-8,515	-0,087	0,298
CHR4	11966027	CHR4:11966027	SSF x Near_LoA	-8,503	0,064	0,285
CHR4	11984221	CHR4:11984221	SSF x Near_LoA	-7,509	0,053	0,288
CHR4	11984252	CHR4:11984252	SSF x Near_LoA	-8,378	-0,022	0,277
CHR4	11984265	CHR4:11984265	SSF x Near_LoA	-7,477	0,006	0,291

CHR4	11984364	CHR4:11984364	SSF x Near_LoA	-9,851	0,122	0,297
CHR4	11984457	CHR4:11984457	SSF x Near_LoA	-6,976	-0,130	0,263
CHR4	12019964	CHR4:12019964	SSF x Near_LoA	-6,535	0,125	0,288
CHR4	12020044	CHR4:12020044	SSF x Near_LoA	-7,366	0,190	0,278
CHR4	12025030	CHR4:12025030	SSF x Near_LoA	-7,244	-0,130	0,267
CHR4	1209808	CHR4:1209808	SSF x Near_LoA	-7,108	0,073	0,289
CHR4	1209828	CHR4:1209828	SSF x Near_LoA	-10,011	0,048	0,298
CHR4	1209840	CHR4:1209840	SSF x Near_LoA	-10,424	-0,054	0,287
CHR4	1210043	CHR4:1210043	SSF x Near_LoA	-7,016	0,003	0,306
CHR4	1210044	CHR4:1210044	SSF x Near_LoA	-10,570	0,030	0,283
CHR4	12105082	CHR4:12105082	SSF x Near_LoA	-8,474	0,049	0,286
CHR4	12105103	CHR4:12105103	SSF x Near_LoA	-4,069	-0,235	0,264
CHR4	12114289	CHR4:12114289	SSF x Near_LoA	-7,579	0,113	0,291
CHR4	12114339	CHR4:12114339	SSF x Near_LoA	-9,453	-0,047	0,286
CHR4	12131889	CHR4:12131889	SSF x Near_LoA	-6,876	-0,048	0,293
CHR4	12133245	CHR4:12133245	SSF x Near_LoA	-8,263	0,149	0,293
CHR4	12133296	CHR4:12133296	SSF x Near_LoA	-6,716	0,109	0,290
CHR4	12133307	CHR4:12133307	SSF x Near_LoA	-6,793	0,092	0,288
CHR4	12140437	CHR4:12140437	SSF x Near_LoA	-7,919	-0,081	0,279
CHR4	12153862	CHR4:12153862	SSF x Near_LoA	-6,624	-0,134	0,276
CHR4	12153868	CHR4:12153868	SSF x Near_LoA	-9,695	0,030	0,284
CHR4	12153889	CHR4:12153889	SSF x Near_LoA	-9,857	0,023	0,286
CHR4	12153913	CHR4:12153913	SSF x Near_LoA	-5,795	0,134	0,278
CHR4	12153924	CHR4:12153924	SSF x Near_LoA	-9,723	-0,001	0,299
CHR4	12154054	CHR4:12154054	SSF x Near_LoA	-7,750	-0,066	0,286
CHR4	12154069	CHR4:12154069	SSF x Near_LoA	-5,464	-0,005	0,286
CHR4	12154129	CHR4:12154129	SSF x Near_LoA	-1,325	0,212	0,274
CHR4	12154136	CHR4:12154136	SSF x Near_LoA	-10,267	-0,006	0,277
CHR4	12175373	CHR4:12175373	SSF x Near_LoA	-6,743	0,091	0,284
CHR4	12193784	CHR4:12193784	SSF x Near_LoA	-8,340	-0,027	0,291
CHR4	12193950	CHR4:12193950	SSF x Near_LoA	-9,705	0,048	0,286
CHR4	12193966	CHR4:12193966	SSF x Near_LoA	-7,838	-0,126	0,287
CHR4	12193991	CHR4:12193991	SSF x Near_LoA	-7,577	0,092	0,301
CHR4	12197876	CHR4:12197876	SSF x Near_LoA	-8,203	0,037	0,284
CHR4	12198020	CHR4:12198020	SSF x Near_LoA	-7,452	-0,066	0,287
CHR4	12198063	CHR4:12198063	SSF x Near_LoA	-9,315	-0,119	0,275
CHR4	12198089	CHR4:12198089	SSF x Near_LoA	-8,867	0,008	0,288
CHR4	12215244	CHR4:12215244	SSF x Near_LoA	-8,373	-0,014	0,295
CHR4	12217683	CHR4:12217683	SSF x Near_LoA	-7,570	0,055	0,296
CHR4	12217688	CHR4:12217688	SSF x Near_LoA	-8,503	-0,021	0,292
CHR4	12217753	CHR4:12217753	SSF x Near_LoA	-7,794	0,018	0,287
CHR4	12224789	CHR4:12224789	SSF x Near_LoA	-9,711	-0,045	0,293
CHR4	12224812	CHR4:12224812	SSF x Near_LoA	-0,037	-0,142	0,284
CHR4	12224988	CHR4:12224988	SSF x Near_LoA	-11,290	0,030	0,270
CHR4	12225010	CHR4:12225010	SSF x Near_LoA	-2,348	-0,052	0,288
CHR4	12226675	CHR4:12226675	SSF x Near_LoA	-7,260	-0,064	0,300
CHR4	12228960	CHR4:12228960	SSF x Near_LoA	-3,718	-0,208	0,279
CHR4	12229075	CHR4:12229075	SSF x Near_LoA	-9,180	-0,074	0,287
CHR4	12231672	CHR4:12231672	SSF x Near_LoA	-8,035	-0,066	0,278
CHR4	12238551	CHR4:12238551	SSF x Near_LoA	-9,899	0,009	0,286
CHR4	12247393	CHR4:12247393	SSF x Near_LoA	-6,991	0,061	0,291
CHR4	12247435	CHR4:12247435	SSF x Near_LoA	1,940	-0,024	0,283
CHR4	12247447	CHR4:12247447	SSF x Near_LoA	-7,488	-0,102	0,292

CHR4	12247509	CHR4:12247509	SSF x Near_LoA	-8,144	0,029	0,299
CHR4	12247542	CHR4:12247542	SSF x Near_LoA	-7,692	-0,053	0,283
CHR4	1224819	CHR4:1224819	SSF x Near_LoA	-6,399	-0,175	0,298
CHR4	1224824	CHR4:1224824	SSF x Near_LoA	-9,824	-0,005	0,278
CHR4	12257853	CHR4:12257853	SSF x Near_LoA	-4,525	-0,128	0,288
CHR4	12266290	CHR4:12266290	SSF x Near_LoA	-10,610	-0,028	0,285
CHR4	12266313	CHR4:12266313	SSF x Near_LoA	-8,643	-0,178	0,273
CHR4	12266332	CHR4:12266332	SSF x Near_LoA	-5,935	-0,093	0,295
CHR4	12266382	CHR4:12266382	SSF x Near_LoA	-4,160	-0,202	0,270
CHR4	12266383	CHR4:12266383	SSF x Near_LoA	-8,445	0,067	0,273
CHR4	12266386	CHR4:12266386	SSF x Near_LoA	-7,658	0,065	0,283
CHR4	12266467	CHR4:12266467	SSF x Near_LoA	-7,995	0,017	0,292
CHR4	12266469	CHR4:12266469	SSF x Near_LoA	-8,964	-0,047	0,282
CHR4	12266475	CHR4:12266475	SSF x Near_LoA	-8,291	0,013	0,291
CHR4	12266522	CHR4:12266522	SSF x Near_LoA	-7,549	-0,085	0,300
CHR4	12266533	CHR4:12266533	SSF x Near_LoA	-7,445	-0,065	0,296
CHR4	12272762	CHR4:12272762	SSF x Near_LoA	-4,267	0,154	0,286
CHR4	12272783	CHR4:12272783	SSF x Near_LoA	-10,153	0,009	0,287
CHR4	12284181	CHR4:12284181	SSF x Near_LoA	-6,925	-0,149	0,275
CHR4	12284212	CHR4:12284212	SSF x Near_LoA	-8,489	0,002	0,272
CHR4	12284270	CHR4:12284270	SSF x Near_LoA	-3,410	0,207	0,275
CHR4	12284286	CHR4:12284286	SSF x Near_LoA	-8,741	-0,087	0,290
CHR4	12284358	CHR4:12284358	SSF x Near_LoA	-9,761	-0,037	0,280
CHR4	12284385	CHR4:12284385	SSF x Near_LoA	-6,380	-0,021	0,282
CHR4	12284387	CHR4:12284387	SSF x Near_LoA	-8,618	-0,134	0,295
CHR4	1228672	CHR4:1228672	SSF x Near_LoA	-9,770	0,057	0,288
CHR4	12295152	CHR4:12295152	SSF x Near_LoA	-10,436	0,080	0,281
CHR4	12295175	CHR4:12295175	SSF x Near_LoA	-8,340	0,092	0,283
CHR4	12295184	CHR4:12295184	SSF x Near_LoA	-8,621	0,123	0,282
CHR4	12295188	CHR4:12295188	SSF x Near_LoA	-8,576	-0,064	0,288
CHR4	12295195	CHR4:12295195	SSF x Near_LoA	-9,871	0,093	0,275
CHR4	12295197	CHR4:12295197	SSF x Near_LoA	-5,566	-0,040	0,279
CHR4	12295234	CHR4:12295234	SSF x Near_LoA	-9,913	0,084	0,280
CHR4	12295238	CHR4:12295238	SSF x Near_LoA	-10,012	0,105	0,281
CHR4	12295421	CHR4:12295421	SSF x Near_LoA	-10,319	0,049	0,280
CHR4	12298903	CHR4:12298903	SSF x Near_LoA	-6,375	-0,074	0,286
CHR4	12299172	CHR4:12299172	SSF x Near_LoA	-8,438	0,048	0,291
CHR4	12309722	CHR4:12309722	SSF x Near_LoA	-8,431	-0,067	0,267
CHR4	12309765	CHR4:12309765	SSF x Near_LoA	-7,895	-0,041	0,298
CHR4	12309791	CHR4:12309791	SSF x Near_LoA	-9,109	0,000	0,280
CHR4	12309797	CHR4:12309797	SSF x Near_LoA	-6,873	-0,089	0,282
CHR4	12309811	CHR4:12309811	SSF x Near_LoA	-10,294	0,058	0,281
CHR4	12309881	CHR4:12309881	SSF x Near_LoA	-9,835	0,053	0,279
CHR4	12322608	CHR4:12322608	SSF x Near_LoA	-7,586	0,070	0,282
CHR4	12322655	CHR4:12322655	SSF x Near_LoA	-6,176	0,134	0,282
CHR4	12322681	CHR4:12322681	SSF x Near_LoA	-8,576	0,024	0,285
CHR4	12328196	CHR4:12328196	SSF x Near_LoA	-7,373	-0,128	0,285
CHR4	12328271	CHR4:12328271	SSF x Near_LoA	-2,254	-0,222	0,274
CHR4	12328289	CHR4:12328289	SSF x Near_LoA	-3,807	-0,187	0,282
CHR4	12328354	CHR4:12328354	SSF x Near_LoA	-11,125	-0,013	0,289
CHR4	12342810	CHR4:12342810	SSF x Near_LoA	-7,107	0,092	0,289
CHR4	12342884	CHR4:12342884	SSF x Near_LoA	-8,538	-0,101	0,273
CHR4	12342892	CHR4:12342892	SSF x Near_LoA	-9,297	-0,015	0,295

CHR4	1234461	CHR4:1234461	SSF x Near_LoA	-7,349	-0,092	0,289
CHR4	1234470	CHR4:1234470	SSF x Near_LoA	-8,569	0,084	0,271
CHR4	1234609	CHR4:1234609	SSF x Near_LoA	-8,950	0,091	0,289
CHR4	1234618	CHR4:1234618	SSF x Near_LoA	-6,384	0,097	0,289
CHR4	12360539	CHR4:12360539	SSF x Near_LoA	-6,964	0,154	0,295
CHR4	12360603	CHR4:12360603	SSF x Near_LoA	-8,394	-0,010	0,293
CHR4	12360668	CHR4:12360668	SSF x Near_LoA	-8,415	-0,049	0,293
CHR4	12360676	CHR4:12360676	SSF x Near_LoA	-9,694	-0,047	0,272
CHR4	12360683	CHR4:12360683	SSF x Near_LoA	-6,026	0,116	0,284
CHR4	12360690	CHR4:12360690	SSF x Near_LoA	-6,210	0,109	0,293
CHR4	12360691	CHR4:12360691	SSF x Near_LoA	-4,190	0,070	0,286
CHR4	12360692	CHR4:12360692	SSF x Near_LoA	-6,631	0,072	0,285
CHR4	12360693	CHR4:12360693	SSF x Near_LoA	-4,431	0,088	0,290
CHR4	12360723	CHR4:12360723	SSF x Near_LoA	-7,262	0,052	0,291
CHR4	12360731	CHR4:12360731	SSF x Near_LoA	-7,657	-0,060	0,290
CHR4	12360798	CHR4:12360798	SSF x Near_LoA	-3,998	-0,157	0,286
CHR4	123647	CHR4:123647	SSF x Near_LoA	-6,538	-0,063	0,289
CHR4	12399235	CHR4:12399235	SSF x Near_LoA	-7,303	-0,085	0,292
CHR4	12405014	CHR4:12405014	SSF x Near_LoA	-4,205	-0,199	0,271
CHR4	12405136	CHR4:12405136	SSF x Near_LoA	-0,666	0,255	0,269
CHR4	12405296	CHR4:12405296	SSF x Near_LoA	-2,838	-0,177	0,269
CHR4	12413200	CHR4:12413200	SSF x Near_LoA	-7,999	0,213	0,276
CHR4	12418477	CHR4:12418477	SSF x Near_LoA	-7,623	-0,085	0,281
CHR4	12423470	CHR4:12423470	SSF x Near_LoA	-10,492	-0,012	0,295
CHR4	12423517	CHR4:12423517	SSF x Near_LoA	-7,846	0,001	0,286
CHR4	1243323	CHR4:1243323	SSF x Near_LoA	-6,891	0,132	0,278
CHR4	12483230	CHR4:12483230	SSF x Near_LoA	-9,756	-0,021	0,277
CHR4	12488373	CHR4:12488373	SSF x Near_LoA	2,285	0,162	0,281
CHR4	12488834	CHR4:12488834	SSF x Near_LoA	-5,754	-0,129	0,276
CHR4	12503437	CHR4:12503437	SSF x Near_LoA	-5,604	-0,075	0,288
CHR4	12508017	CHR4:12508017	SSF x Near_LoA	-9,566	-0,094	0,283
CHR4	12508035	CHR4:12508035	SSF x Near_LoA	-7,571	0,033	0,294
CHR4	12508153	CHR4:12508153	SSF x Near_LoA	-7,358	0,087	0,269
CHR4	12512741	CHR4:12512741	SSF x Near_LoA	-7,105	-0,038	0,287
CHR4	12512749	CHR4:12512749	SSF x Near_LoA	-8,758	-0,039	0,291
CHR4	12512758	CHR4:12512758	SSF x Near_LoA	-10,581	-0,002	0,274
CHR4	12523015	CHR4:12523015	SSF x Near_LoA	-8,632	-0,134	0,274
CHR4	12523096	CHR4:12523096	SSF x Near_LoA	-8,795	0,004	0,269
CHR4	12531034	CHR4:12531034	SSF x Near_LoA	-7,681	-0,081	0,283
CHR4	12531048	CHR4:12531048	SSF x Near_LoA	-9,558	0,091	0,292
CHR4	12540375	CHR4:12540375	SSF x Near_LoA	-9,687	-0,025	0,277
CHR4	12543949	CHR4:12543949	SSF x Near_LoA	-5,969	0,050	0,307
CHR4	12544027	CHR4:12544027	SSF x Near_LoA	-10,076	-0,006	0,267
CHR4	12544132	CHR4:12544132	SSF x Near_LoA	-8,679	0,028	0,290
CHR4	12544183	CHR4:12544183	SSF x Near_LoA	-7,217	-0,016	0,291
CHR4	12544218	CHR4:12544218	SSF x Near_LoA	-9,539	0,108	0,275
CHR4	125547	CHR4:125547	SSF x Near_LoA	-8,291	-0,055	0,281
CHR4	1257760	CHR4:1257760	SSF x Near_LoA	-6,652	0,038	0,291
CHR4	12578181	CHR4:12578181	SSF x Near_LoA	-7,651	-0,070	0,280
CHR4	12578345	CHR4:12578345	SSF x Near_LoA	-7,656	-0,067	0,284
CHR4	12578347	CHR4:12578347	SSF x Near_LoA	-6,532	-0,110	0,279
CHR4	12578366	CHR4:12578366	SSF x Near_LoA	-5,630	-0,101	0,280
CHR4	12578394	CHR4:12578394	SSF x Near_LoA	-9,869	-0,017	0,281

CHR4	12588430	CHR4:12588430	SSF x Near_LoA	-5,285	0,037	0,290
CHR4	12588665	CHR4:12588665	SSF x Near_LoA	-8,422	0,087	0,298
CHR4	12592487	CHR4:12592487	SSF x Near_LoA	-9,218	-0,002	0,285
CHR4	12592572	CHR4:12592572	SSF x Near_LoA	-5,808	-0,065	0,296
CHR4	12592616	CHR4:12592616	SSF x Near_LoA	-7,175	0,106	0,278
CHR4	12592627	CHR4:12592627	SSF x Near_LoA	-10,872	0,033	0,281
CHR4	12605310	CHR4:12605310	SSF x Near_LoA	-3,558	-0,061	0,290
CHR4	12605380	CHR4:12605380	SSF x Near_LoA	-8,405	0,010	0,304
CHR4	12605505	CHR4:12605505	SSF x Near_LoA	-9,100	-0,061	0,294
CHR4	12609953	CHR4:12609953	SSF x Near_LoA	-10,677	-0,022	0,281
CHR4	12609988	CHR4:12609988	SSF x Near_LoA	-6,773	0,172	0,296
CHR4	12626644	CHR4:12626644	SSF x Near_LoA	-9,461	-0,099	0,295
CHR4	12627822	CHR4:12627822	SSF x Near_LoA	-7,498	-0,095	0,277
CHR4	12627884	CHR4:12627884	SSF x Near_LoA	-9,702	0,044	0,293
CHR4	12643924	CHR4:12643924	SSF x Near_LoA	-1,512	0,171	0,279
CHR4	12644118	CHR4:12644118	SSF x Near_LoA	-6,370	0,158	0,288
CHR4	12653350	CHR4:12653350	SSF x Near_LoA	-4,174	-0,191	0,269
CHR4	12672377	CHR4:12672377	SSF x Near_LoA	-9,469	0,093	0,273
CHR4	12685923	CHR4:12685923	SSF x Near_LoA	-8,575	-0,122	0,293
CHR4	12685951	CHR4:12685951	SSF x Near_LoA	-9,231	0,003	0,289
CHR4	12685993	CHR4:12685993	SSF x Near_LoA	-5,742	0,178	0,290
CHR4	12686075	CHR4:12686075	SSF x Near_LoA	-7,324	0,005	0,283
CHR4	12686151	CHR4:12686151	SSF x Near_LoA	-7,505	0,091	0,283
CHR4	12699412	CHR4:12699412	SSF x Near_LoA	-7,402	0,136	0,280
CHR4	12765341	CHR4:12765341	SSF x Near_LoA	-8,620	0,060	0,298
CHR4	12790684	CHR4:12790684	SSF x Near_LoA	-5,141	-0,034	0,286
CHR4	1280551	CHR4:1280551	SSF x Near_LoA	-8,716	-0,003	0,277
CHR4	1280713	CHR4:1280713	SSF x Near_LoA	-7,121	-0,050	0,293
CHR4	1280777	CHR4:1280777	SSF x Near_LoA	-9,299	0,105	0,281
CHR4	12824876	CHR4:12824876	SSF x Near_LoA	-7,377	0,120	0,291
CHR4	12824899	CHR4:12824899	SSF x Near_LoA	-7,851	0,092	0,289
CHR4	12824900	CHR4:12824900	SSF x Near_LoA	-6,935	-0,123	0,285
CHR4	12824957	CHR4:12824957	SSF x Near_LoA	-9,053	0,108	0,288
CHR4	12827504	CHR4:12827504	SSF x Near_LoA	-6,777	-0,076	0,286
CHR4	12827529	CHR4:12827529	SSF x Near_LoA	-7,440	0,084	0,280
CHR4	12827562	CHR4:12827562	SSF x Near_LoA	-10,481	-0,037	0,271
CHR4	12827685	CHR4:12827685	SSF x Near_LoA	-5,660	-0,005	0,307
CHR4	12827693	CHR4:12827693	SSF x Near_LoA	-10,612	0,008	0,289
CHR4	12827794	CHR4:12827794	SSF x Near_LoA	-8,271	-0,102	0,279
CHR4	12827832	CHR4:12827832	SSF x Near_LoA	-8,749	-0,081	0,297
CHR4	12835889	CHR4:12835889	SSF x Near_LoA	-7,205	0,099	0,291
CHR4	12835931	CHR4:12835931	SSF x Near_LoA	-8,067	-0,149	0,287
CHR4	12835960	CHR4:12835960	SSF x Near_LoA	-7,572	0,058	0,271
CHR4	12835970	CHR4:12835970	SSF x Near_LoA	-5,957	0,107	0,292
CHR4	12835992	CHR4:12835992	SSF x Near_LoA	-8,343	-0,036	0,279
CHR4	12836041	CHR4:12836041	SSF x Near_LoA	-9,924	0,096	0,272
CHR4	12846586	CHR4:12846586	SSF x Near_LoA	-5,395	0,167	0,278
CHR4	12846622	CHR4:12846622	SSF x Near_LoA	-6,375	0,179	0,270
CHR4	12846741	CHR4:12846741	SSF x Near_LoA	-8,325	-0,075	0,289
CHR4	12846760	CHR4:12846760	SSF x Near_LoA	-5,322	0,050	0,294
CHR4	12846761	CHR4:12846761	SSF x Near_LoA	-9,223	-0,035	0,288
CHR4	12846762	CHR4:12846762	SSF x Near_LoA	-11,014	-0,070	0,282
CHR4	12846765	CHR4:12846765	SSF x Near_LoA	-10,797	0,064	0,274

CHR4	12869054	CHR4:12869054	SSF x Near_LoA	-4,636	0,215	0,283
CHR4	12872571	CHR4:12872571	SSF x Near_LoA	-6,680	0,017	0,290
CHR4	12879120	CHR4:12879120	SSF x Near_LoA	-8,197	-0,060	0,278
CHR4	12879158	CHR4:12879158	SSF x Near_LoA	-7,769	-0,045	0,281
CHR4	12879181	CHR4:12879181	SSF x Near_LoA	-6,326	-0,103	0,299
CHR4	12879239	CHR4:12879239	SSF x Near_LoA	-9,341	0,008	0,274
CHR4	12885095	CHR4:12885095	SSF x Near_LoA	-6,281	-0,227	0,280
CHR4	1290806	CHR4:1290806	SSF x Near_LoA	-8,354	0,103	0,295
CHR4	1290820	CHR4:1290820	SSF x Near_LoA	-5,108	-0,120	0,295
CHR4	1290832	CHR4:1290832	SSF x Near_LoA	-8,904	-0,055	0,297
CHR4	1290884	CHR4:1290884	SSF x Near_LoA	-10,094	-0,008	0,291
CHR4	1290948	CHR4:1290948	SSF x Near_LoA	-7,903	0,056	0,277
CHR4	1290978	CHR4:1290978	SSF x Near_LoA	-10,502	0,046	0,297
CHR4	12912148	CHR4:12912148	SSF x Near_LoA	-9,537	-0,014	0,284
CHR4	12912176	CHR4:12912176	SSF x Near_LoA	-4,308	-0,079	0,296
CHR4	1291404	CHR4:1291404	SSF x Near_LoA	-10,122	-0,105	0,291
CHR4	12915546	CHR4:12915546	SSF x Near_LoA	-7,984	-0,177	0,282
CHR4	12915665	CHR4:12915665	SSF x Near_LoA	-8,590	0,034	0,299
CHR4	12915700	CHR4:12915700	SSF x Near_LoA	-0,326	0,335	0,240
CHR4	12915709	CHR4:12915709	SSF x Near_LoA	-5,798	0,131	0,278
CHR4	12915712	CHR4:12915712	SSF x Near_LoA	-7,435	0,082	0,292
CHR4	12915823	CHR4:12915823	SSF x Near_LoA	-4,860	0,191	0,282
CHR4	12915835	CHR4:12915835	SSF x Near_LoA	-5,301	0,170	0,282
CHR4	12915836	CHR4:12915836	SSF x Near_LoA	-3,620	-0,067	0,284
CHR4	12915966	CHR4:12915966	SSF x Near_LoA	-8,837	-0,112	0,283
CHR4	12917720	CHR4:12917720	SSF x Near_LoA	-8,740	-0,120	0,277
CHR4	12917724	CHR4:12917724	SSF x Near_LoA	-7,590	-0,131	0,278
CHR4	12917739	CHR4:12917739	SSF x Near_LoA	-6,436	-0,018	0,289
CHR4	12917747	CHR4:12917747	SSF x Near_LoA	-6,014	-0,128	0,282
CHR4	12917835	CHR4:12917835	SSF x Near_LoA	-6,713	0,019	0,277
CHR4	12917840	CHR4:12917840	SSF x Near_LoA	-7,770	0,024	0,288
CHR4	12917873	CHR4:12917873	SSF x Near_LoA	-5,286	-0,091	0,275
CHR4	12917895	CHR4:12917895	SSF x Near_LoA	-9,069	0,028	0,295
CHR4	12922516	CHR4:12922516	SSF x Near_LoA	-9,392	0,018	0,285
CHR4	12922535	CHR4:12922535	SSF x Near_LoA	-8,682	-0,014	0,291
CHR4	12922667	CHR4:12922667	SSF x Near_LoA	-7,740	0,098	0,280
CHR4	12922684	CHR4:12922684	SSF x Near_LoA	-8,658	-0,011	0,287
CHR4	12934536	CHR4:12934536	SSF x Near_LoA	-9,959	0,039	0,288
CHR4	12934561	CHR4:12934561	SSF x Near_LoA	-7,988	-0,013	0,291
CHR4	12942127	CHR4:12942127	SSF x Near_LoA	-10,764	0,007	0,285
CHR4	12942142	CHR4:12942142	SSF x Near_LoA	-8,013	0,112	0,290
CHR4	12942290	CHR4:12942290	SSF x Near_LoA	-8,705	0,064	0,276
CHR4	12942323	CHR4:12942323	SSF x Near_LoA	-8,403	0,092	0,289
CHR4	12961696	CHR4:12961696	SSF x Near_LoA	-10,058	-0,053	0,277
CHR4	12967448	CHR4:12967448	SSF x Near_LoA	-3,753	0,159	0,278
CHR4	12967573	CHR4:12967573	SSF x Near_LoA	-8,950	-0,157	0,269
CHR4	12986503	CHR4:12986503	SSF x Near_LoA	-8,845	0,058	0,287
CHR4	12996254	CHR4:12996254	SSF x Near_LoA	-6,758	-0,131	0,269
CHR4	13000452	CHR4:13000452	SSF x Near_LoA	-6,997	-0,085	0,301
CHR4	13061292	CHR4:13061292	SSF x Near_LoA	-7,105	-0,050	0,297
CHR4	13066055	CHR4:13066055	SSF x Near_LoA	-6,795	0,037	0,280
CHR4	13067217	CHR4:13067217	SSF x Near_LoA	-7,356	0,033	0,296
CHR4	13067230	CHR4:13067230	SSF x Near_LoA	-9,670	-0,023	0,292

CHR4	13067270	CHR4:13067270	SSF x Near_LoA	-9,435	-0,036	0,283
CHR4	13068330	CHR4:13068330	SSF x Near_LoA	-7,879	0,066	0,277
CHR4	13092033	CHR4:13092033	SSF x Near_LoA	-6,637	-0,205	0,274
CHR4	13092103	CHR4:13092103	SSF x Near_LoA	-7,235	0,096	0,293
CHR4	13092134	CHR4:13092134	SSF x Near_LoA	-9,973	0,051	0,285
CHR4	13092148	CHR4:13092148	SSF x Near_LoA	-7,325	0,101	0,286
CHR4	13092176	CHR4:13092176	SSF x Near_LoA	-7,236	0,089	0,286
CHR4	13092181	CHR4:13092181	SSF x Near_LoA	-7,304	0,072	0,283
CHR4	13092184	CHR4:13092184	SSF x Near_LoA	-7,275	0,073	0,290
CHR4	13096954	CHR4:13096954	SSF x Near_LoA	-8,862	-0,033	0,289
CHR4	13097285	CHR4:13097285	SSF x Near_LoA	-2,004	0,219	0,278
CHR4	13115443	CHR4:13115443	SSF x Near_LoA	-7,446	-0,010	0,287
CHR4	13115457	CHR4:13115457	SSF x Near_LoA	-10,181	-0,005	0,290
CHR4	13123004	CHR4:13123004	SSF x Near_LoA	-9,197	0,024	0,299
CHR4	13123165	CHR4:13123165	SSF x Near_LoA	-10,515	0,037	0,270
CHR4	13129538	CHR4:13129538	SSF x Near_LoA	-9,267	0,023	0,296
CHR4	13129897	CHR4:13129897	SSF x Near_LoA	-6,806	-0,093	0,298
CHR4	13136128	CHR4:13136128	SSF x Near_LoA	-9,444	0,067	0,286
CHR4	13136210	CHR4:13136210	SSF x Near_LoA	-3,669	0,158	0,290
CHR4	13137654	CHR4:13137654	SSF x Near_LoA	-7,395	-0,022	0,298
CHR4	13137660	CHR4:13137660	SSF x Near_LoA	-7,555	-0,083	0,282
CHR4	13153156	CHR4:13153156	SSF x Near_LoA	-5,486	0,190	0,286
CHR4	13153161	CHR4:13153161	SSF x Near_LoA	-9,549	-0,031	0,285
CHR4	13153218	CHR4:13153218	SSF x Near_LoA	-8,795	-0,118	0,285
CHR4	1316334	CHR4:1316334	SSF x Near_LoA	-5,764	-0,122	0,275
CHR4	1316473	CHR4:1316473	SSF x Near_LoA	-8,521	-0,107	0,285
CHR4	13165279	CHR4:13165279	SSF x Near_LoA	-8,268	0,061	0,294
CHR4	13165315	CHR4:13165315	SSF x Near_LoA	-8,873	-0,147	0,283
CHR4	13165316	CHR4:13165316	SSF x Near_LoA	-8,714	-0,123	0,297
CHR4	13165373	CHR4:13165373	SSF x Near_LoA	-11,325	-0,017	0,292
CHR4	13165476	CHR4:13165476	SSF x Near_LoA	-9,491	-0,124	0,273
CHR4	13165553	CHR4:13165553	SSF x Near_LoA	-1,940	0,026	0,285
CHR4	13180155	CHR4:13180155	SSF x Near_LoA	-9,263	0,084	0,290
CHR4	13180162	CHR4:13180162	SSF x Near_LoA	-8,021	0,017	0,283
CHR4	13185278	CHR4:13185278	SSF x Near_LoA	-3,519	-0,140	0,284
CHR4	13185392	CHR4:13185392	SSF x Near_LoA	-7,174	0,135	0,282
CHR4	13185605	CHR4:13185605	SSF x Near_LoA	-1,631	0,284	0,259
CHR4	13190297	CHR4:13190297	SSF x Near_LoA	-9,769	-0,099	0,282
CHR4	13190351	CHR4:13190351	SSF x Near_LoA	-9,112	-0,025	0,283
CHR4	13196469	CHR4:13196469	SSF x Near_LoA	-7,826	-0,071	0,282
CHR4	13196846	CHR4:13196846	SSF x Near_LoA	-9,598	0,047	0,266
CHR4	13200243	CHR4:13200243	SSF x Near_LoA	-9,906	0,052	0,279
CHR4	13209001	CHR4:13209001	SSF x Near_LoA	-4,963	-0,010	0,285
CHR4	13211889	CHR4:13211889	SSF x Near_LoA	-5,535	0,121	0,293
CHR4	13218853	CHR4:13218853	SSF x Near_LoA	-9,531	0,066	0,282
CHR4	1322333	CHR4:1322333	SSF x Near_LoA	-4,224	-0,001	0,299
CHR4	1322387	CHR4:1322387	SSF x Near_LoA	-4,856	-0,132	0,286
CHR4	1322398	CHR4:1322398	SSF x Near_LoA	-10,633	0,054	0,286
CHR4	1322465	CHR4:1322465	SSF x Near_LoA	-5,527	-0,178	0,288
CHR4	13225146	CHR4:13225146	SSF x Near_LoA	-8,629	0,074	0,282
CHR4	13232230	CHR4:13232230	SSF x Near_LoA	-6,969	0,144	0,286
CHR4	13232426	CHR4:13232426	SSF x Near_LoA	-6,123	0,062	0,299
CHR4	13232489	CHR4:13232489	SSF x Near_LoA	-9,592	-0,044	0,279

CHR4	13232553	CHR4:13232553	SSF x Near_LoA	-7,267	0,179	0,281
CHR4	13235520	CHR4:13235520	SSF x Near_LoA	-7,883	-0,095	0,297
CHR4	1323780	CHR4:1323780	SSF x Near_LoA	-7,662	0,057	0,274
CHR4	13248654	CHR4:13248654	SSF x Near_LoA	-9,329	0,080	0,290
CHR4	13248697	CHR4:13248697	SSF x Near_LoA	-5,807	-0,087	0,290
CHR4	13248764	CHR4:13248764	SSF x Near_LoA	-9,421	-0,005	0,293
CHR4	13248770	CHR4:13248770	SSF x Near_LoA	-10,304	-0,026	0,272
CHR4	13248806	CHR4:13248806	SSF x Near_LoA	-9,594	0,042	0,273
CHR4	13248807	CHR4:13248807	SSF x Near_LoA	-10,088	0,039	0,271
CHR4	13248828	CHR4:13248828	SSF x Near_LoA	-7,271	0,140	0,272
CHR4	13248834	CHR4:13248834	SSF x Near_LoA	-6,603	0,111	0,281
CHR4	13248886	CHR4:13248886	SSF x Near_LoA	-7,444	0,161	0,268
CHR4	13255255	CHR4:13255255	SSF x Near_LoA	-7,795	-0,064	0,297
CHR4	13255419	CHR4:13255419	SSF x Near_LoA	-5,252	0,015	0,289
CHR4	13255443	CHR4:13255443	SSF x Near_LoA	-7,975	0,031	0,280
CHR4	13255446	CHR4:13255446	SSF x Near_LoA	-8,077	0,035	0,285
CHR4	13255590	CHR4:13255590	SSF x Near_LoA	-8,987	0,037	0,291
CHR4	13259398	CHR4:13259398	SSF x Near_LoA	-8,373	0,070	0,295
CHR4	13259465	CHR4:13259465	SSF x Near_LoA	-9,511	0,086	0,294
CHR4	13260249	CHR4:13260249	SSF x Near_LoA	-9,320	-0,025	0,299
CHR4	13269445	CHR4:13269445	SSF x Near_LoA	-8,524	0,000	0,267
CHR4	13269606	CHR4:13269606	SSF x Near_LoA	-7,327	0,029	0,272
CHR4	13269616	CHR4:13269616	SSF x Near_LoA	-7,900	-0,068	0,296
CHR4	1327049	CHR4:1327049	SSF x Near_LoA	-8,223	-0,069	0,288
CHR4	13271234	CHR4:13271234	SSF x Near_LoA	-10,539	-0,044	0,280
CHR4	13271303	CHR4:13271303	SSF x Near_LoA	-9,076	-0,033	0,283
CHR4	13271478	CHR4:13271478	SSF x Near_LoA	-8,105	0,122	0,285
CHR4	13279356	CHR4:13279356	SSF x Near_LoA	-9,627	0,016	0,291
CHR4	13279664	CHR4:13279664	SSF x Near_LoA	-9,370	-0,025	0,288
CHR4	13283087	CHR4:13283087	SSF x Near_LoA	-8,255	-0,018	0,296
CHR4	13283311	CHR4:13283311	SSF x Near_LoA	-9,012	0,011	0,290
CHR4	13288620	CHR4:13288620	SSF x Near_LoA	-7,722	0,062	0,297
CHR4	13314365	CHR4:13314365	SSF x Near_LoA	-7,177	-0,115	0,283
CHR4	13314516	CHR4:13314516	SSF x Near_LoA	-5,977	-0,221	0,283
CHR4	13315371	CHR4:13315371	SSF x Near_LoA	-7,431	0,074	0,274
CHR4	13320422	CHR4:13320422	SSF x Near_LoA	-6,805	-0,136	0,278
CHR4	13320428	CHR4:13320428	SSF x Near_LoA	-8,163	0,068	0,285
CHR4	13320643	CHR4:13320643	SSF x Near_LoA	-8,685	0,023	0,270
CHR4	13320657	CHR4:13320657	SSF x Near_LoA	-7,850	0,097	0,279
CHR4	13320695	CHR4:13320695	SSF x Near_LoA	-10,495	-0,040	0,287
CHR4	13320756	CHR4:13320756	SSF x Near_LoA	-9,208	-0,112	0,274
CHR4	13320770	CHR4:13320770	SSF x Near_LoA	-9,323	0,000	0,300
CHR4	13320775	CHR4:13320775	SSF x Near_LoA	-7,265	0,003	0,288
CHR4	13320806	CHR4:13320806	SSF x Near_LoA	-6,382	0,104	0,291
CHR4	13320808	CHR4:13320808	SSF x Near_LoA	-7,153	0,104	0,289
CHR4	13320848	CHR4:13320848	SSF x Near_LoA	-8,255	0,079	0,288
CHR4	13327721	CHR4:13327721	SSF x Near_LoA	-8,204	-0,137	0,269
CHR4	13335607	CHR4:13335607	SSF x Near_LoA	-6,249	0,199	0,253
CHR4	13335823	CHR4:13335823	SSF x Near_LoA	-10,820	-0,014	0,289
CHR4	13340211	CHR4:13340211	SSF x Near_LoA	-9,489	0,065	0,277
CHR4	13343687	CHR4:13343687	SSF x Near_LoA	-7,157	0,116	0,278
CHR4	13343693	CHR4:13343693	SSF x Near_LoA	-6,304	0,211	0,271
CHR4	13343747	CHR4:13343747	SSF x Near_LoA	-4,419	0,256	0,274

CHR4	13343885	CHR4:13343885	SSF x Near_LoA	-6,737	-0,141	0,287
CHR4	13345584	CHR4:13345584	SSF x Near_LoA	-6,824	-0,113	0,284
CHR4	13345599	CHR4:13345599	SSF x Near_LoA	-7,145	-0,088	0,291
CHR4	13345796	CHR4:13345796	SSF x Near_LoA	-8,116	0,096	0,292
CHR4	13351008	CHR4:13351008	SSF x Near_LoA	-5,106	0,091	0,267
CHR4	13354602	CHR4:13354602	SSF x Near_LoA	-7,034	-0,058	0,302
CHR4	13354659	CHR4:13354659	SSF x Near_LoA	-7,872	0,066	0,278
CHR4	13354667	CHR4:13354667	SSF x Near_LoA	-8,796	-0,079	0,282
CHR4	13354732	CHR4:13354732	SSF x Near_LoA	-6,816	0,182	0,269
CHR4	13354744	CHR4:13354744	SSF x Near_LoA	-8,522	0,064	0,278
CHR4	13354749	CHR4:13354749	SSF x Near_LoA	-4,568	0,115	0,290
CHR4	13354780	CHR4:13354780	SSF x Near_LoA	-7,540	0,133	0,278
CHR4	13355046	CHR4:13355046	SSF x Near_LoA	-7,133	0,090	0,284
CHR4	1335887	CHR4:1335887	SSF x Near_LoA	-8,902	0,060	0,289
CHR4	1336134	CHR4:1336134	SSF x Near_LoA	-8,051	0,005	0,278
CHR4	13377890	CHR4:13377890	SSF x Near_LoA	-10,277	-0,084	0,282
CHR4	13377903	CHR4:13377903	SSF x Near_LoA	-9,645	-0,098	0,285
CHR4	13377973	CHR4:13377973	SSF x Near_LoA	-9,601	-0,083	0,278
CHR4	13379345	CHR4:13379345	SSF x Near_LoA	-8,094	0,050	0,286
CHR4	13385255	CHR4:13385255	SSF x Near_LoA	-9,027	-0,024	0,280
CHR4	13385321	CHR4:13385321	SSF x Near_LoA	-5,935	-0,180	0,271
CHR4	13385363	CHR4:13385363	SSF x Near_LoA	-7,707	0,052	0,298
CHR4	13398629	CHR4:13398629	SSF x Near_LoA	-5,640	0,051	0,282
CHR4	13398665	CHR4:13398665	SSF x Near_LoA	-7,466	0,105	0,284
CHR4	13398677	CHR4:13398677	SSF x Near_LoA	-9,222	-0,088	0,278
CHR4	13398678	CHR4:13398678	SSF x Near_LoA	-8,077	-0,092	0,284
CHR4	13398679	CHR4:13398679	SSF x Near_LoA	-9,089	-0,080	0,285
CHR4	13398721	CHR4:13398721	SSF x Near_LoA	-9,449	-0,077	0,272
CHR4	13398752	CHR4:13398752	SSF x Near_LoA	-6,464	-0,058	0,295
CHR4	13403831	CHR4:13403831	SSF x Near_LoA	-6,199	-0,068	0,278
CHR4	13403854	CHR4:13403854	SSF x Near_LoA	5,863	0,181	0,264
CHR4	13406710	CHR4:13406710	SSF x Near_LoA	-2,514	-0,076	0,296
CHR4	13409212	CHR4:13409212	SSF x Near_LoA	-6,412	0,053	0,289
CHR4	13409243	CHR4:13409243	SSF x Near_LoA	-6,635	-0,153	0,282
CHR4	13409399	CHR4:13409399	SSF x Near_LoA	-8,338	0,032	0,293
CHR4	13463716	CHR4:13463716	SSF x Near_LoA	-7,525	0,140	0,289
CHR4	13463818	CHR4:13463818	SSF x Near_LoA	-10,706	0,032	0,272
CHR4	1346879	CHR4:1346879	SSF x Near_LoA	-9,959	-0,047	0,283
CHR4	1346920	CHR4:1346920	SSF x Near_LoA	-8,047	-0,089	0,279
CHR4	1347144	CHR4:1347144	SSF x Near_LoA	-8,849	-0,002	0,289
CHR4	13488618	CHR4:13488618	SSF x Near_LoA	-10,696	-0,060	0,283
CHR4	13488620	CHR4:13488620	SSF x Near_LoA	-9,511	0,042	0,288
CHR4	13524920	CHR4:13524920	SSF x Near_LoA	-6,506	0,128	0,275
CHR4	13538725	CHR4:13538725	SSF x Near_LoA	-9,013	-0,114	0,284
CHR4	13544094	CHR4:13544094	SSF x Near_LoA	-9,799	-0,015	0,279
CHR4	13544112	CHR4:13544112	SSF x Near_LoA	-8,303	0,029	0,270
CHR4	1354487	CHR4:1354487	SSF x Near_LoA	-3,821	0,203	0,266
CHR4	1354655	CHR4:1354655	SSF x Near_LoA	-7,984	-0,034	0,272
CHR4	13551038	CHR4:13551038	SSF x Near_LoA	-10,031	-0,028	0,283
CHR4	13551069	CHR4:13551069	SSF x Near_LoA	-9,067	-0,051	0,296
CHR4	13552986	CHR4:13552986	SSF x Near_LoA	-5,724	0,197	0,289
CHR4	13556710	CHR4:13556710	SSF x Near_LoA	-9,051	-0,116	0,290
CHR4	13561342	CHR4:13561342	SSF x Near_LoA	-5,928	-0,115	0,281

CHR4	13561420	CHR4:13561420	SSF x Near_LoA	-5,527	0,155	0,293
CHR4	13561438	CHR4:13561438	SSF x Near_LoA	-8,166	0,098	0,275
CHR4	13561540	CHR4:13561540	SSF x Near_LoA	-9,856	0,031	0,298
CHR4	13561561	CHR4:13561561	SSF x Near_LoA	-7,903	-0,115	0,291
CHR4	13561574	CHR4:13561574	SSF x Near_LoA	-7,682	0,050	0,299
CHR4	13565918	CHR4:13565918	SSF x Near_LoA	-9,105	-0,033	0,294
CHR4	13569893	CHR4:13569893	SSF x Near_LoA	-9,675	0,085	0,281
CHR4	13574911	CHR4:13574911	SSF x Near_LoA	-3,850	-0,102	0,284
CHR4	13574913	CHR4:13574913	SSF x Near_LoA	-7,513	0,099	0,290
CHR4	13583055	CHR4:13583055	SSF x Near_LoA	-10,126	-0,014	0,285
CHR4	13583081	CHR4:13583081	SSF x Near_LoA	-10,763	-0,007	0,275
CHR4	13594858	CHR4:13594858	SSF x Near_LoA	-9,747	-0,118	0,274
CHR4	13594913	CHR4:13594913	SSF x Near_LoA	-9,146	-0,122	0,283
CHR4	13595031	CHR4:13595031	SSF x Near_LoA	-5,916	0,200	0,298
CHR4	13599568	CHR4:13599568	SSF x Near_LoA	-6,716	0,135	0,285
CHR4	13599657	CHR4:13599657	SSF x Near_LoA	-6,065	0,149	0,281
CHR4	1363300	CHR4:1363300	SSF x Near_LoA	-7,432	0,060	0,275
CHR4	1363301	CHR4:1363301	SSF x Near_LoA	-7,360	0,075	0,290
CHR4	1363429	CHR4:1363429	SSF x Near_LoA	-9,792	0,088	0,292
CHR4	13635409	CHR4:13635409	SSF x Near_LoA	-9,531	0,038	0,286
CHR4	13639875	CHR4:13639875	SSF x Near_LoA	-0,285	0,158	0,280
CHR4	13639900	CHR4:13639900	SSF x Near_LoA	-4,965	-0,199	0,270
CHR4	13639993	CHR4:13639993	SSF x Near_LoA	-6,327	-0,135	0,287
CHR4	13643385	CHR4:13643385	SSF x Near_LoA	-10,012	-0,056	0,281
CHR4	13643391	CHR4:13643391	SSF x Near_LoA	-8,030	-0,068	0,297
CHR4	13643449	CHR4:13643449	SSF x Near_LoA	8,163	0,159	0,289
CHR4	13643454	CHR4:13643454	SSF x Near_LoA	-2,406	0,228	0,262
CHR4	13652379	CHR4:13652379	SSF x Near_LoA	-5,967	0,069	0,277
CHR4	13652383	CHR4:13652383	SSF x Near_LoA	-1,532	0,161	0,284
CHR4	13658264	CHR4:13658264	SSF x Near_LoA	-6,232	0,167	0,284
CHR4	13658506	CHR4:13658506	SSF x Near_LoA	-9,425	0,044	0,288
CHR4	13658537	CHR4:13658537	SSF x Near_LoA	-2,007	0,105	0,260
CHR4	13666661	CHR4:13666661	SSF x Near_LoA	-7,897	0,054	0,269
CHR4	13666794	CHR4:13666794	SSF x Near_LoA	-8,532	0,065	0,297
CHR4	13670723	CHR4:13670723	SSF x Near_LoA	-8,084	-0,110	0,277
CHR4	13671203	CHR4:13671203	SSF x Near_LoA	-8,909	0,104	0,284
CHR4	13671204	CHR4:13671204	SSF x Near_LoA	-7,915	0,060	0,274
CHR4	13680416	CHR4:13680416	SSF x Near_LoA	-6,504	-0,033	0,299
CHR4	13681445	CHR4:13681445	SSF x Near_LoA	-7,817	-0,046	0,283
CHR4	13682630	CHR4:13682630	SSF x Near_LoA	-6,038	0,168	0,286
CHR4	13682699	CHR4:13682699	SSF x Near_LoA	-6,954	0,201	0,284
CHR4	13682826	CHR4:13682826	SSF x Near_LoA	-9,814	-0,098	0,274
CHR4	13685446	CHR4:13685446	SSF x Near_LoA	-10,689	0,015	0,282
CHR4	13685529	CHR4:13685529	SSF x Near_LoA	-5,597	-0,060	0,292
CHR4	13691239	CHR4:13691239	SSF x Near_LoA	-9,341	0,123	0,271
CHR4	13691311	CHR4:13691311	SSF x Near_LoA	-6,116	0,079	0,278
CHR4	13691409	CHR4:13691409	SSF x Near_LoA	-9,186	0,043	0,266
CHR4	13691560	CHR4:13691560	SSF x Near_LoA	-9,661	-0,096	0,289
CHR4	13691561	CHR4:13691561	SSF x Near_LoA	-7,107	-0,059	0,285
CHR4	13697766	CHR4:13697766	SSF x Near_LoA	-8,925	-0,009	0,287
CHR4	13697771	CHR4:13697771	SSF x Near_LoA	-7,454	0,013	0,290
CHR4	13697772	CHR4:13697772	SSF x Near_LoA	-6,718	-0,021	0,292
CHR4	13697781	CHR4:13697781	SSF x Near_LoA	-5,494	-0,024	0,280

CHR4	13697827	CHR4:13697827	SSF x Near_LoA	-7,280	-0,074	0,272
CHR4	13697970	CHR4:13697970	SSF x Near_LoA	-5,669	-0,156	0,286
CHR4	13702064	CHR4:13702064	SSF x Near_LoA	-9,211	0,034	0,275
CHR4	13702118	CHR4:13702118	SSF x Near_LoA	-6,509	0,038	0,289
CHR4	13702119	CHR4:13702119	SSF x Near_LoA	-7,969	-0,062	0,283
CHR4	13702213	CHR4:13702213	SSF x Near_LoA	-0,364	0,215	0,272
CHR4	13702229	CHR4:13702229	SSF x Near_LoA	-9,066	-0,092	0,288
CHR4	13702259	CHR4:13702259	SSF x Near_LoA	-4,307	0,167	0,289
CHR4	13702273	CHR4:13702273	SSF x Near_LoA	-2,020	0,209	0,279
CHR4	13702287	CHR4:13702287	SSF x Near_LoA	-6,614	0,141	0,288
CHR4	1370291	CHR4:1370291	SSF x Near_LoA	-3,985	0,178	0,279
CHR4	1370294	CHR4:1370294	SSF x Near_LoA	-6,728	0,150	0,283
CHR4	1370311	CHR4:1370311	SSF x Near_LoA	-10,696	-0,072	0,283
CHR4	13704078	CHR4:13704078	SSF x Near_LoA	-10,548	-0,003	0,291
CHR4	13704100	CHR4:13704100	SSF x Near_LoA	-7,368	0,140	0,287
CHR4	13704108	CHR4:13704108	SSF x Near_LoA	-8,302	-0,140	0,289
CHR4	13704783	CHR4:13704783	SSF x Near_LoA	-7,361	0,089	0,288
CHR4	13704792	CHR4:13704792	SSF x Near_LoA	-9,536	-0,055	0,281
CHR4	13704828	CHR4:13704828	SSF x Near_LoA	-9,211	-0,030	0,289
CHR4	13704854	CHR4:13704854	SSF x Near_LoA	-2,904	0,117	0,274
CHR4	13704901	CHR4:13704901	SSF x Near_LoA	-8,892	-0,049	0,285
CHR4	13704909	CHR4:13704909	SSF x Near_LoA	-9,045	0,122	0,288
CHR4	13704940	CHR4:13704940	SSF x Near_LoA	-7,033	0,098	0,293
CHR4	13704963	CHR4:13704963	SSF x Near_LoA	-8,945	0,024	0,288
CHR4	13704977	CHR4:13704977	SSF x Near_LoA	-9,359	0,057	0,284
CHR4	13704992	CHR4:13704992	SSF x Near_LoA	-9,376	0,087	0,277
CHR4	13705000	CHR4:13705000	SSF x Near_LoA	-9,359	0,100	0,293
CHR4	13705003	CHR4:13705003	SSF x Near_LoA	-8,930	0,094	0,280
CHR4	13705041	CHR4:13705041	SSF x Near_LoA	-8,679	-0,091	0,292
CHR4	13709534	CHR4:13709534	SSF x Near_LoA	-8,392	-0,100	0,285
CHR4	13709537	CHR4:13709537	SSF x Near_LoA	-9,225	0,023	0,296
CHR4	13709552	CHR4:13709552	SSF x Near_LoA	-8,951	0,034	0,283
CHR4	13709553	CHR4:13709553	SSF x Near_LoA	-8,009	0,066	0,292
CHR4	13710145	CHR4:13710145	SSF x Near_LoA	-9,670	0,075	0,285
CHR4	13710180	CHR4:13710180	SSF x Near_LoA	-7,040	0,016	0,282
CHR4	13710182	CHR4:13710182	SSF x Near_LoA	-7,238	-0,033	0,295
CHR4	13720953	CHR4:13720953	SSF x Near_LoA	-6,034	0,140	0,294
CHR4	13720982	CHR4:13720982	SSF x Near_LoA	-7,018	-0,055	0,287
CHR4	13720994	CHR4:13720994	SSF x Near_LoA	-7,921	0,021	0,284
CHR4	13721034	CHR4:13721034	SSF x Near_LoA	-6,638	-0,140	0,279
CHR4	13721056	CHR4:13721056	SSF x Near_LoA	-3,697	0,169	0,285
CHR4	13721370	CHR4:13721370	SSF x Near_LoA	-9,856	0,074	0,271
CHR4	13736859	CHR4:13736859	SSF x Near_LoA	-9,535	0,059	0,284
CHR4	13743206	CHR4:13743206	SSF x Near_LoA	-7,804	-0,111	0,289
CHR4	13744652	CHR4:13744652	SSF x Near_LoA	-5,817	0,172	0,281
CHR4	13744673	CHR4:13744673	SSF x Near_LoA	-6,963	0,151	0,280
CHR4	13744678	CHR4:13744678	SSF x Near_LoA	-6,526	0,188	0,261
CHR4	13744684	CHR4:13744684	SSF x Near_LoA	-0,770	0,160	0,279
CHR4	13750023	CHR4:13750023	SSF x Near_LoA	-7,687	0,133	0,283
CHR4	13750039	CHR4:13750039	SSF x Near_LoA	-8,093	0,139	0,288
CHR4	13750067	CHR4:13750067	SSF x Near_LoA	-10,202	0,000	0,288
CHR4	13752388	CHR4:13752388	SSF x Near_LoA	-8,176	0,020	0,297
CHR4	13752397	CHR4:13752397	SSF x Near_LoA	-6,896	0,122	0,279

CHR4	13752420	CHR4:13752420	SSF x Near_LoA	-8,231	0,033	0,293
CHR4	13752433	CHR4:13752433	SSF x Near_LoA	-9,358	0,090	0,267
CHR4	13754366	CHR4:13754366	SSF x Near_LoA	-8,241	0,052	0,301
CHR4	13754437	CHR4:13754437	SSF x Near_LoA	-8,669	-0,100	0,293
CHR4	13754439	CHR4:13754439	SSF x Near_LoA	-3,589	0,179	0,281
CHR4	1377292	CHR4:1377292	SSF x Near_LoA	-8,303	-0,102	0,283
CHR4	1377354	CHR4:1377354	SSF x Near_LoA	-2,346	0,249	0,267
CHR4	1377367	CHR4:1377367	SSF x Near_LoA	-8,801	0,087	0,288
CHR4	13778615	CHR4:13778615	SSF x Near_LoA	-8,018	-0,074	0,287
CHR4	13778617	CHR4:13778617	SSF x Near_LoA	-7,517	0,040	0,284
CHR4	13778755	CHR4:13778755	SSF x Near_LoA	-8,885	0,118	0,271
CHR4	13781168	CHR4:13781168	SSF x Near_LoA	-7,043	-0,024	0,294
CHR4	13781234	CHR4:13781234	SSF x Near_LoA	-7,245	0,025	0,281
CHR4	13809813	CHR4:13809813	SSF x Near_LoA	-8,248	-0,013	0,288
CHR4	13810029	CHR4:13810029	SSF x Near_LoA	1,033	-0,156	0,270
CHR4	13826135	CHR4:13826135	SSF x Near_LoA	-10,298	-0,034	0,274
CHR4	13831831	CHR4:13831831	SSF x Near_LoA	-7,430	0,008	0,286
CHR4	13831838	CHR4:13831838	SSF x Near_LoA	-6,808	0,026	0,291
CHR4	13831892	CHR4:13831892	SSF x Near_LoA	-9,179	-0,098	0,275
CHR4	13835436	CHR4:13835436	SSF x Near_LoA	-8,840	-0,044	0,302
CHR4	13835689	CHR4:13835689	SSF x Near_LoA	-7,097	-0,058	0,299
CHR4	13835692	CHR4:13835692	SSF x Near_LoA	-7,599	0,011	0,284
CHR4	13835774	CHR4:13835774	SSF x Near_LoA	-7,474	0,030	0,290
CHR4	13835775	CHR4:13835775	SSF x Near_LoA	-7,779	0,052	0,300
CHR4	13845030	CHR4:13845030	SSF x Near_LoA	-5,055	0,102	0,286
CHR4	13845283	CHR4:13845283	SSF x Near_LoA	-7,666	-0,038	0,286
CHR4	13846541	CHR4:13846541	SSF x Near_LoA	-9,888	-0,068	0,286
CHR4	13851121	CHR4:13851121	SSF x Near_LoA	-7,638	-0,165	0,279
CHR4	13851313	CHR4:13851313	SSF x Near_LoA	-7,022	0,062	0,286
CHR4	13871821	CHR4:13871821	SSF x Near_LoA	-4,595	-0,165	0,277
CHR4	13871832	CHR4:13871832	SSF x Near_LoA	-3,954	-0,121	0,280
CHR4	13879650	CHR4:13879650	SSF x Near_LoA	-7,880	-0,015	0,289
CHR4	13881987	CHR4:13881987	SSF x Near_LoA	-2,447	0,184	0,273
CHR4	13883375	CHR4:13883375	SSF x Near_LoA	-3,002	0,085	0,289
CHR4	13900900	CHR4:13900900	SSF x Near_LoA	-7,401	-0,103	0,296
CHR4	13901055	CHR4:13901055	SSF x Near_LoA	-8,268	0,045	0,300
CHR4	13901112	CHR4:13901112	SSF x Near_LoA	-8,163	0,014	0,272
CHR4	13906490	CHR4:13906490	SSF x Near_LoA	-10,608	-0,079	0,278
CHR4	13906513	CHR4:13906513	SSF x Near_LoA	-8,891	-0,046	0,284
CHR4	13906542	CHR4:13906542	SSF x Near_LoA	-8,384	0,130	0,284
CHR4	13906550	CHR4:13906550	SSF x Near_LoA	-8,994	-0,027	0,281
CHR4	13906651	CHR4:13906651	SSF x Near_LoA	-5,621	0,067	0,285
CHR4	13906656	CHR4:13906656	SSF x Near_LoA	-8,476	-0,028	0,287
CHR4	13906717	CHR4:13906717	SSF x Near_LoA	-9,071	0,047	0,296
CHR4	13906719	CHR4:13906719	SSF x Near_LoA	-9,058	-0,016	0,302
CHR4	13906760	CHR4:13906760	SSF x Near_LoA	-7,432	-0,084	0,292
CHR4	13906802	CHR4:13906802	SSF x Near_LoA	-9,285	-0,025	0,297
CHR4	13906832	CHR4:13906832	SSF x Near_LoA	-7,164	-0,026	0,283
CHR4	13908821	CHR4:13908821	SSF x Near_LoA	-8,906	0,013	0,287
CHR4	13911730	CHR4:13911730	SSF x Near_LoA	-7,220	0,178	0,290
CHR4	13913409	CHR4:13913409	SSF x Near_LoA	-5,686	-0,131	0,286
CHR4	13913494	CHR4:13913494	SSF x Near_LoA	-8,564	0,040	0,280
CHR4	13918809	CHR4:13918809	SSF x Near_LoA	-8,024	-0,174	0,282

CHR4	13918856	CHR4:13918856	SSF x Near_LoA	-4,992	0,231	0,275
CHR4	13940585	CHR4:13940585	SSF x Near_LoA	-6,709	0,155	0,283
CHR4	13940907	CHR4:13940907	SSF x Near_LoA	-6,124	0,122	0,301
CHR4	13962096	CHR4:13962096	SSF x Near_LoA	-9,425	-0,044	0,304
CHR4	13962122	CHR4:13962122	SSF x Near_LoA	-8,360	-0,062	0,282
CHR4	13962123	CHR4:13962123	SSF x Near_LoA	-6,193	-0,143	0,288
CHR4	13962143	CHR4:13962143	SSF x Near_LoA	-8,340	-0,033	0,280
CHR4	13962184	CHR4:13962184	SSF x Near_LoA	-8,507	-0,041	0,290
CHR4	13962190	CHR4:13962190	SSF x Near_LoA	-7,068	-0,124	0,294
CHR4	13962247	CHR4:13962247	SSF x Near_LoA	-5,332	0,176	0,274
CHR4	13962282	CHR4:13962282	SSF x Near_LoA	-8,798	-0,036	0,285
CHR4	13965494	CHR4:13965494	SSF x Near_LoA	-9,666	0,046	0,280
CHR4	13967771	CHR4:13967771	SSF x Near_LoA	-7,647	0,122	0,283
CHR4	13977929	CHR4:13977929	SSF x Near_LoA	-7,811	0,060	0,277
CHR4	13978023	CHR4:13978023	SSF x Near_LoA	-5,395	0,029	0,297
CHR4	13978026	CHR4:13978026	SSF x Near_LoA	-10,255	0,019	0,277
CHR4	13978065	CHR4:13978065	SSF x Near_LoA	-8,452	0,082	0,283
CHR4	13989110	CHR4:13989110	SSF x Near_LoA	-9,069	0,004	0,285
CHR4	13989136	CHR4:13989136	SSF x Near_LoA	-10,546	0,043	0,288
CHR4	13989210	CHR4:13989210	SSF x Near_LoA	-11,095	0,049	0,285
CHR4	13994628	CHR4:13994628	SSF x Near_LoA	-8,361	0,030	0,292
CHR4	13994773	CHR4:13994773	SSF x Near_LoA	-8,401	-0,028	0,284
CHR4	13994844	CHR4:13994844	SSF x Near_LoA	-7,450	0,191	0,274
CHR4	14021294	CHR4:14021294	SSF x Near_LoA	-9,984	0,012	0,277
CHR4	14021337	CHR4:14021337	SSF x Near_LoA	-8,855	0,006	0,293
CHR4	14021376	CHR4:14021376	SSF x Near_LoA	-10,056	0,035	0,270
CHR4	14021467	CHR4:14021467	SSF x Near_LoA	-9,821	0,028	0,273
CHR4	14021473	CHR4:14021473	SSF x Near_LoA	-9,493	-0,029	0,289
CHR4	1407525	CHR4:1407525	SSF x Near_LoA	-6,733	0,098	0,292
CHR4	14089560	CHR4:14089560	SSF x Near_LoA	-6,102	-0,136	0,273
CHR4	14089571	CHR4:14089571	SSF x Near_LoA	-7,450	-0,080	0,280
CHR4	14089581	CHR4:14089581	SSF x Near_LoA	-3,718	-0,134	0,293
CHR4	14089595	CHR4:14089595	SSF x Near_LoA	-4,113	0,271	0,260
CHR4	14089650	CHR4:14089650	SSF x Near_LoA	-7,674	-0,033	0,283
CHR4	14094135	CHR4:14094135	SSF x Near_LoA	-10,345	-0,043	0,294
CHR4	14103389	CHR4:14103389	SSF x Near_LoA	-7,915	0,120	0,275
CHR4	14125342	CHR4:14125342	SSF x Near_LoA	-8,370	-0,036	0,288
CHR4	14125445	CHR4:14125445	SSF x Near_LoA	-5,266	0,182	0,281
CHR4	14133218	CHR4:14133218	SSF x Near_LoA	-6,577	0,142	0,281
CHR4	14133268	CHR4:14133268	SSF x Near_LoA	-7,448	0,159	0,278
CHR4	14133489	CHR4:14133489	SSF x Near_LoA	-5,785	0,185	0,265
CHR4	14133598	CHR4:14133598	SSF x Near_LoA	-10,913	0,012	0,281
CHR4	14135363	CHR4:14135363	SSF x Near_LoA	-9,032	-0,065	0,288
CHR4	14153922	CHR4:14153922	SSF x Near_LoA	-6,744	-0,077	0,287
CHR4	1415399	CHR4:1415399	SSF x Near_LoA	-9,613	0,036	0,289
CHR4	14156386	CHR4:14156386	SSF x Near_LoA	-9,385	-0,070	0,278
CHR4	14166932	CHR4:14166932	SSF x Near_LoA	-9,505	0,024	0,290
CHR4	14167149	CHR4:14167149	SSF x Near_LoA	-9,369	0,104	0,267
CHR4	14169010	CHR4:14169010	SSF x Near_LoA	-5,544	-0,050	0,290
CHR4	14169069	CHR4:14169069	SSF x Near_LoA	-9,348	0,077	0,278
CHR4	14178298	CHR4:14178298	SSF x Near_LoA	-9,374	0,053	0,284
CHR4	14178321	CHR4:14178321	SSF x Near_LoA	-8,807	0,087	0,308
CHR4	14178431	CHR4:14178431	SSF x Near_LoA	-8,234	0,009	0,290

CHR4	14178539	CHR4:14178539	SSF x Near_LoA	-8,399	0,065	0,282
CHR4	14186158	CHR4:14186158	SSF x Near_LoA	-8,964	-0,051	0,286
CHR4	14190683	CHR4:14190683	SSF x Near_LoA	-7,522	-0,021	0,293
CHR4	14190723	CHR4:14190723	SSF x Near_LoA	-10,041	-0,001	0,287
CHR4	14191009	CHR4:14191009	SSF x Near_LoA	-5,547	0,187	0,278
CHR4	14191012	CHR4:14191012	SSF x Near_LoA	-6,975	0,153	0,276
CHR4	14191046	CHR4:14191046	SSF x Near_LoA	-10,286	0,083	0,283
CHR4	14199388	CHR4:14199388	SSF x Near_LoA	-7,239	0,032	0,283
CHR4	14199486	CHR4:14199486	SSF x Near_LoA	-6,369	-0,206	0,278
CHR4	14216164	CHR4:14216164	SSF x Near_LoA	-9,749	0,015	0,287
CHR4	14219697	CHR4:14219697	SSF x Near_LoA	-10,251	0,038	0,301
CHR4	14219709	CHR4:14219709	SSF x Near_LoA	-6,452	0,171	0,264
CHR4	14219747	CHR4:14219747	SSF x Near_LoA	-9,651	-0,013	0,284
CHR4	14219917	CHR4:14219917	SSF x Near_LoA	-6,918	0,097	0,284
CHR4	14219921	CHR4:14219921	SSF x Near_LoA	-5,355	0,115	0,292
CHR4	14224597	CHR4:14224597	SSF x Near_LoA	-7,939	-0,145	0,275
CHR4	14224656	CHR4:14224656	SSF x Near_LoA	-10,240	-0,002	0,287
CHR4	14224685	CHR4:14224685	SSF x Near_LoA	-7,088	0,074	0,291
CHR4	14224689	CHR4:14224689	SSF x Near_LoA	-6,451	0,241	0,279
CHR4	14237265	CHR4:14237265	SSF x Near_LoA	-8,885	0,044	0,290
CHR4	14237314	CHR4:14237314	SSF x Near_LoA	-8,554	0,042	0,299
CHR4	14238820	CHR4:14238820	SSF x Near_LoA	-7,868	-0,066	0,290
CHR4	14241266	CHR4:14241266	SSF x Near_LoA	-8,194	0,143	0,278
CHR4	1425763	CHR4:1425763	SSF x Near_LoA	-5,812	0,175	0,271
CHR4	1425764	CHR4:1425764	SSF x Near_LoA	-2,297	0,149	0,275
CHR4	1425807	CHR4:1425807	SSF x Near_LoA	-9,657	-0,029	0,284
CHR4	1426160	CHR4:1426160	SSF x Near_LoA	-6,856	0,123	0,271
CHR4	14281560	CHR4:14281560	SSF x Near_LoA	-6,949	0,026	0,300
CHR4	14281572	CHR4:14281572	SSF x Near_LoA	-8,420	-0,035	0,313
CHR4	14281702	CHR4:14281702	SSF x Near_LoA	-6,090	-0,139	0,285
CHR4	14281706	CHR4:14281706	SSF x Near_LoA	-8,556	0,004	0,290
CHR4	14288198	CHR4:14288198	SSF x Near_LoA	-8,769	0,030	0,288
CHR4	14288210	CHR4:14288210	SSF x Near_LoA	-9,080	-0,010	0,281
CHR4	14293352	CHR4:14293352	SSF x Near_LoA	-8,091	-0,136	0,274
CHR4	14293354	CHR4:14293354	SSF x Near_LoA	-8,708	-0,021	0,297
CHR4	14297329	CHR4:14297329	SSF x Near_LoA	-7,762	-0,169	0,278
CHR4	14297337	CHR4:14297337	SSF x Near_LoA	-8,122	-0,011	0,296
CHR4	14297346	CHR4:14297346	SSF x Near_LoA	-8,342	0,025	0,281
CHR4	14297350	CHR4:14297350	SSF x Near_LoA	-8,079	0,081	0,271
CHR4	14300246	CHR4:14300246	SSF x Near_LoA	-8,486	0,099	0,273
CHR4	14312033	CHR4:14312033	SSF x Near_LoA	-5,248	0,093	0,278
CHR4	14312038	CHR4:14312038	SSF x Near_LoA	-6,700	0,041	0,297
CHR4	14312347	CHR4:14312347	SSF x Near_LoA	-7,630	-0,088	0,283
CHR4	1432203	CHR4:1432203	SSF x Near_LoA	-4,826	0,103	0,286
CHR4	1432301	CHR4:1432301	SSF x Near_LoA	-7,921	0,120	0,287
CHR4	1432387	CHR4:1432387	SSF x Near_LoA	-4,271	-0,149	0,292
CHR4	14326725	CHR4:14326725	SSF x Near_LoA	-7,228	-0,077	0,268
CHR4	14326832	CHR4:14326832	SSF x Near_LoA	-9,809	0,007	0,288
CHR4	14326864	CHR4:14326864	SSF x Near_LoA	-5,616	-0,075	0,296
CHR4	14331974	CHR4:14331974	SSF x Near_LoA	-5,774	-0,100	0,299
CHR4	14332206	CHR4:14332206	SSF x Near_LoA	-2,334	-0,059	0,294
CHR4	14332295	CHR4:14332295	SSF x Near_LoA	-0,775	0,222	0,281
CHR4	14332299	CHR4:14332299	SSF x Near_LoA	-7,451	0,009	0,284

CHR4	14335846	CHR4:14335846	SSF x Near_LoA	-8,543	0,128	0,274
CHR4	14335885	CHR4:14335885	SSF x Near_LoA	-7,753	-0,027	0,272
CHR4	14335943	CHR4:14335943	SSF x Near_LoA	-7,246	-0,024	0,297
CHR4	14339679	CHR4:14339679	SSF x Near_LoA	-9,681	0,008	0,291
CHR4	14339927	CHR4:14339927	SSF x Near_LoA	-5,088	-0,173	0,286
CHR4	14359288	CHR4:14359288	SSF x Near_LoA	-9,950	0,010	0,284
CHR4	14359305	CHR4:14359305	SSF x Near_LoA	-3,260	-0,062	0,284
CHR4	14359719	CHR4:14359719	SSF x Near_LoA	-5,260	-0,075	0,297
CHR4	14368090	CHR4:14368090	SSF x Near_LoA	-6,114	0,109	0,295
CHR4	14373662	CHR4:14373662	SSF x Near_LoA	-9,409	0,081	0,285
CHR4	14373731	CHR4:14373731	SSF x Near_LoA	-10,347	0,069	0,273
CHR4	14385721	CHR4:14385721	SSF x Near_LoA	-9,903	-0,100	0,288
CHR4	14385745	CHR4:14385745	SSF x Near_LoA	-6,902	0,016	0,292
CHR4	14385750	CHR4:14385750	SSF x Near_LoA	-8,053	-0,002	0,298
CHR4	14385787	CHR4:14385787	SSF x Near_LoA	-7,809	-0,068	0,302
CHR4	14385817	CHR4:14385817	SSF x Near_LoA	-7,256	-0,085	0,272
CHR4	14402112	CHR4:14402112	SSF x Near_LoA	-8,782	-0,043	0,295
CHR4	14402133	CHR4:14402133	SSF x Near_LoA	-8,982	0,038	0,304
CHR4	14402223	CHR4:14402223	SSF x Near_LoA	-5,390	-0,186	0,291
CHR4	14402276	CHR4:14402276	SSF x Near_LoA	-7,491	0,039	0,299
CHR4	14402336	CHR4:14402336	SSF x Near_LoA	-6,663	-0,126	0,286
CHR4	14402496	CHR4:14402496	SSF x Near_LoA	-7,746	-0,154	0,284
CHR4	14421051	CHR4:14421051	SSF x Near_LoA	-7,602	-0,128	0,279
CHR4	14421244	CHR4:14421244	SSF x Near_LoA	-2,289	-0,068	0,265
CHR4	14421284	CHR4:14421284	SSF x Near_LoA	-7,876	0,005	0,298
CHR4	14425755	CHR4:14425755	SSF x Near_LoA	-10,611	0,031	0,283
CHR4	14425810	CHR4:14425810	SSF x Near_LoA	-10,064	-0,004	0,281
CHR4	14425921	CHR4:14425921	SSF x Near_LoA	-4,691	0,180	0,281
CHR4	14432797	CHR4:14432797	SSF x Near_LoA	-8,345	-0,082	0,289
CHR4	14432915	CHR4:14432915	SSF x Near_LoA	-6,930	-0,043	0,294
CHR4	14432919	CHR4:14432919	SSF x Near_LoA	-9,041	0,089	0,280
CHR4	14433772	CHR4:14433772	SSF x Near_LoA	3,477	0,055	0,294
CHR4	14442671	CHR4:14442671	SSF x Near_LoA	-8,778	0,012	0,283
CHR4	14442678	CHR4:14442678	SSF x Near_LoA	-7,614	0,082	0,284
CHR4	14442691	CHR4:14442691	SSF x Near_LoA	-6,117	0,107	0,280
CHR4	14442695	CHR4:14442695	SSF x Near_LoA	-7,090	0,063	0,295
CHR4	14442798	CHR4:14442798	SSF x Near_LoA	-9,561	0,045	0,283
CHR4	14442841	CHR4:14442841	SSF x Near_LoA	-4,608	0,176	0,285
CHR4	14442918	CHR4:14442918	SSF x Near_LoA	-7,891	-0,026	0,284
CHR4	14442994	CHR4:14442994	SSF x Near_LoA	-9,334	0,066	0,286
CHR4	14470854	CHR4:14470854	SSF x Near_LoA	-9,208	-0,152	0,276
CHR4	14470972	CHR4:14470972	SSF x Near_LoA	-9,098	-0,141	0,283
CHR4	14488268	CHR4:14488268	SSF x Near_LoA	-5,584	-0,063	0,284
CHR4	14489435	CHR4:14489435	SSF x Near_LoA	-7,672	0,020	0,288
CHR4	14489450	CHR4:14489450	SSF x Near_LoA	-8,838	0,059	0,273
CHR4	14509356	CHR4:14509356	SSF x Near_LoA	-8,222	-0,126	0,274
CHR4	14509360	CHR4:14509360	SSF x Near_LoA	-6,832	-0,031	0,290
CHR4	14509411	CHR4:14509411	SSF x Near_LoA	-6,689	-0,003	0,298
CHR4	14528693	CHR4:14528693	SSF x Near_LoA	-6,979	0,090	0,295
CHR4	14528905	CHR4:14528905	SSF x Near_LoA	-8,466	-0,082	0,283
CHR4	14529018	CHR4:14529018	SSF x Near_LoA	-9,166	0,106	0,276
CHR4	14529083	CHR4:14529083	SSF x Near_LoA	-5,418	-0,156	0,282
CHR4	14541077	CHR4:14541077	SSF x Near_LoA	-8,805	0,017	0,282

CHR4	14546220	CHR4:14546220	SSF x Near_LoA	-5,701	0,135	0,286
CHR4	14546294	CHR4:14546294	SSF x Near_LoA	-6,416	0,123	0,301
CHR4	14546507	CHR4:14546507	SSF x Near_LoA	-9,372	-0,022	0,289
CHR4	14546561	CHR4:14546561	SSF x Near_LoA	-4,758	0,046	0,281
CHR4	14546628	CHR4:14546628	SSF x Near_LoA	-9,650	-0,032	0,267
CHR4	14546629	CHR4:14546629	SSF x Near_LoA	-5,319	0,119	0,282
CHR4	14546635	CHR4:14546635	SSF x Near_LoA	-7,169	0,038	0,290
CHR4	14546675	CHR4:14546675	SSF x Near_LoA	-6,800	0,102	0,291
CHR4	14560899	CHR4:14560899	SSF x Near_LoA	-8,449	0,081	0,297
CHR4	14561020	CHR4:14561020	SSF x Near_LoA	-8,726	-0,008	0,284
CHR4	14561042	CHR4:14561042	SSF x Near_LoA	-9,021	-0,122	0,284
CHR4	14561065	CHR4:14561065	SSF x Near_LoA	-8,141	0,010	0,289
CHR4	14564925	CHR4:14564925	SSF x Near_LoA	-9,542	0,111	0,285
CHR4	14564973	CHR4:14564973	SSF x Near_LoA	-7,339	-0,085	0,284
CHR4	14564976	CHR4:14564976	SSF x Near_LoA	-6,509	-0,148	0,279
CHR4	14564997	CHR4:14564997	SSF x Near_LoA	-5,342	0,182	0,285
CHR4	14565020	CHR4:14565020	SSF x Near_LoA	-7,241	-0,081	0,290
CHR4	14565078	CHR4:14565078	SSF x Near_LoA	-9,903	0,032	0,288
CHR4	14569213	CHR4:14569213	SSF x Near_LoA	-8,209	0,068	0,296
CHR4	14569216	CHR4:14569216	SSF x Near_LoA	-9,007	0,069	0,295
CHR4	14569218	CHR4:14569218	SSF x Near_LoA	-8,790	0,066	0,293
CHR4	14569319	CHR4:14569319	SSF x Near_LoA	-9,939	0,052	0,300
CHR4	14574909	CHR4:14574909	SSF x Near_LoA	-7,267	0,048	0,285
CHR4	14574947	CHR4:14574947	SSF x Near_LoA	-8,439	-0,038	0,272
CHR4	14574950	CHR4:14574950	SSF x Near_LoA	-8,897	0,035	0,284
CHR4	14593005	CHR4:14593005	SSF x Near_LoA	-8,271	-0,060	0,282
CHR4	14593068	CHR4:14593068	SSF x Near_LoA	-8,755	0,021	0,296
CHR4	14593074	CHR4:14593074	SSF x Near_LoA	-6,747	-0,050	0,281
CHR4	14613920	CHR4:14613920	SSF x Near_LoA	-7,270	0,031	0,297
CHR4	14614010	CHR4:14614010	SSF x Near_LoA	-9,448	0,116	0,287
CHR4	14614111	CHR4:14614111	SSF x Near_LoA	-9,098	0,018	0,278
CHR4	14614181	CHR4:14614181	SSF x Near_LoA	-7,688	-0,104	0,284
CHR4	14614277	CHR4:14614277	SSF x Near_LoA	-6,945	-0,026	0,291
CHR4	14625045	CHR4:14625045	SSF x Near_LoA	-7,683	0,008	0,279
CHR4	14625188	CHR4:14625188	SSF x Near_LoA	-9,222	0,042	0,286
CHR4	14629907	CHR4:14629907	SSF x Near_LoA	-5,632	0,128	0,300
CHR4	14630160	CHR4:14630160	SSF x Near_LoA	-10,385	-0,042	0,294
CHR4	14630166	CHR4:14630166	SSF x Near_LoA	-7,592	-0,161	0,271
CHR4	14644848	CHR4:14644848	SSF x Near_LoA	-9,969	0,120	0,290
CHR4	14645066	CHR4:14645066	SSF x Near_LoA	-10,229	-0,005	0,283
CHR4	14645185	CHR4:14645185	SSF x Near_LoA	-7,519	0,045	0,277
CHR4	14652994	CHR4:14652994	SSF x Near_LoA	-10,299	-0,032	0,289
CHR4	14653025	CHR4:14653025	SSF x Near_LoA	-8,473	0,029	0,294
CHR4	14653042	CHR4:14653042	SSF x Near_LoA	-8,068	-0,028	0,298
CHR4	14653075	CHR4:14653075	SSF x Near_LoA	-8,214	0,010	0,288
CHR4	14660314	CHR4:14660314	SSF x Near_LoA	-10,288	-0,138	0,277
CHR4	14660318	CHR4:14660318	SSF x Near_LoA	-7,871	-0,162	0,277
CHR4	14660323	CHR4:14660323	SSF x Near_LoA	-5,201	0,125	0,274
CHR4	14660430	CHR4:14660430	SSF x Near_LoA	-9,607	0,047	0,300
CHR4	14682763	CHR4:14682763	SSF x Near_LoA	-7,794	-0,065	0,297
CHR4	14683801	CHR4:14683801	SSF x Near_LoA	-11,098	0,005	0,284
CHR4	14683894	CHR4:14683894	SSF x Near_LoA	-8,329	0,019	0,280
CHR4	14708298	CHR4:14708298	SSF x Near_LoA	-7,683	-0,084	0,268

CHR4	14708370	CHR4:14708370	SSF x Near_LoA	-7,068	0,096	0,306
CHR4	14725049	CHR4:14725049	SSF x Near_LoA	-9,048	0,157	0,279
CHR4	14738228	CHR4:14738228	SSF x Near_LoA	-8,374	-0,065	0,289
CHR4	14738254	CHR4:14738254	SSF x Near_LoA	-7,389	-0,024	0,291
CHR4	14738313	CHR4:14738313	SSF x Near_LoA	-9,226	0,084	0,294
CHR4	14738566	CHR4:14738566	SSF x Near_LoA	-6,065	0,080	0,288
CHR4	14741698	CHR4:14741698	SSF x Near_LoA	-7,477	-0,129	0,287
CHR4	14742879	CHR4:14742879	SSF x Near_LoA	-7,200	-0,115	0,284
CHR4	14745561	CHR4:14745561	SSF x Near_LoA	-9,094	0,130	0,272
CHR4	14745625	CHR4:14745625	SSF x Near_LoA	-7,671	0,072	0,276
CHR4	14748144	CHR4:14748144	SSF x Near_LoA	-9,827	-0,061	0,287
CHR4	14748162	CHR4:14748162	SSF x Near_LoA	-7,829	-0,007	0,291
CHR4	14777917	CHR4:14777917	SSF x Near_LoA	-8,165	0,009	0,286
CHR4	14777926	CHR4:14777926	SSF x Near_LoA	-8,057	0,022	0,290
CHR4	14777969	CHR4:14777969	SSF x Near_LoA	-3,557	0,008	0,281
CHR4	14778029	CHR4:14778029	SSF x Near_LoA	-7,300	-0,082	0,279
CHR4	14778698	CHR4:14778698	SSF x Near_LoA	-6,648	-0,058	0,278
CHR4	14778735	CHR4:14778735	SSF x Near_LoA	-9,031	-0,118	0,282
CHR4	14783380	CHR4:14783380	SSF x Near_LoA	-5,740	-0,159	0,276
CHR4	14783542	CHR4:14783542	SSF x Near_LoA	-3,041	-0,053	0,293
CHR4	14788805	CHR4:14788805	SSF x Near_LoA	-8,488	-0,120	0,277
CHR4	14789060	CHR4:14789060	SSF x Near_LoA	-9,626	0,100	0,277
CHR4	14789080	CHR4:14789080	SSF x Near_LoA	-8,298	-0,020	0,282
CHR4	1479136	CHR4:1479136	SSF x Near_LoA	-8,298	-0,079	0,284
CHR4	1479171	CHR4:1479171	SSF x Near_LoA	-7,664	-0,145	0,286
CHR4	1479178	CHR4:1479178	SSF x Near_LoA	-3,898	-0,177	0,281
CHR4	14810233	CHR4:14810233	SSF x Near_LoA	-0,590	-0,229	0,285
CHR4	14810237	CHR4:14810237	SSF x Near_LoA	-7,226	-0,132	0,269
CHR4	14810239	CHR4:14810239	SSF x Near_LoA	-4,054	-0,171	0,295
CHR4	14810293	CHR4:14810293	SSF x Near_LoA	-8,162	0,051	0,285
CHR4	14810314	CHR4:14810314	SSF x Near_LoA	-9,192	0,037	0,290
CHR4	14820401	CHR4:14820401	SSF x Near_LoA	-10,748	0,039	0,293
CHR4	14820542	CHR4:14820542	SSF x Near_LoA	-8,330	-0,215	0,276
CHR4	14820572	CHR4:14820572	SSF x Near_LoA	-7,815	0,117	0,273
CHR4	14820591	CHR4:14820591	SSF x Near_LoA	-6,353	0,111	0,283
CHR4	14830321	CHR4:14830321	SSF x Near_LoA	-7,472	-0,062	0,281
CHR4	14830517	CHR4:14830517	SSF x Near_LoA	-8,015	0,102	0,269
CHR4	14846751	CHR4:14846751	SSF x Near_LoA	-7,658	0,027	0,281
CHR4	14846854	CHR4:14846854	SSF x Near_LoA	-8,347	-0,035	0,285
CHR4	14848560	CHR4:14848560	SSF x Near_LoA	-8,526	0,059	0,312
CHR4	14848584	CHR4:14848584	SSF x Near_LoA	-7,203	0,084	0,289
CHR4	14848671	CHR4:14848671	SSF x Near_LoA	0,134	0,203	0,276
CHR4	14848679	CHR4:14848679	SSF x Near_LoA	-8,672	0,059	0,298
CHR4	14848697	CHR4:14848697	SSF x Near_LoA	-9,180	0,067	0,287
CHR4	14848740	CHR4:14848740	SSF x Near_LoA	-6,641	0,189	0,267
CHR4	14852704	CHR4:14852704	SSF x Near_LoA	-7,527	-0,014	0,271
CHR4	14852706	CHR4:14852706	SSF x Near_LoA	-7,672	-0,102	0,290
CHR4	14852717	CHR4:14852717	SSF x Near_LoA	-6,515	-0,115	0,286
CHR4	14852721	CHR4:14852721	SSF x Near_LoA	-7,392	0,008	0,272
CHR4	14852754	CHR4:14852754	SSF x Near_LoA	-7,782	0,131	0,281
CHR4	14870361	CHR4:14870361	SSF x Near_LoA	-8,089	0,054	0,307
CHR4	14870385	CHR4:14870385	SSF x Near_LoA	-9,249	0,049	0,302
CHR4	14870416	CHR4:14870416	SSF x Near_LoA	-9,393	0,044	0,303

CHR4	14870419	CHR4:14870419	SSF x Near_LoA	-6,814	0,104	0,283
CHR4	14870442	CHR4:14870442	SSF x Near_LoA	-8,833	-0,032	0,306
CHR4	14870515	CHR4:14870515	SSF x Near_LoA	-7,336	-0,017	0,291
CHR4	14870540	CHR4:14870540	SSF x Near_LoA	-7,980	-0,020	0,289
CHR4	14870580	CHR4:14870580	SSF x Near_LoA	-7,239	0,098	0,286
CHR4	14870634	CHR4:14870634	SSF x Near_LoA	-6,830	-0,087	0,299
CHR4	14870649	CHR4:14870649	SSF x Near_LoA	-7,403	-0,066	0,295
CHR4	14891704	CHR4:14891704	SSF x Near_LoA	-9,086	0,019	0,290
CHR4	14891781	CHR4:14891781	SSF x Near_LoA	-6,700	-0,022	0,275
CHR4	14891901	CHR4:14891901	SSF x Near_LoA	-10,198	0,002	0,287
CHR4	14893606	CHR4:14893606	SSF x Near_LoA	-7,401	0,078	0,296
CHR4	14925570	CHR4:14925570	SSF x Near_LoA	-4,579	0,180	0,269
CHR4	14925867	CHR4:14925867	SSF x Near_LoA	-10,554	-0,030	0,293
CHR4	14925904	CHR4:14925904	SSF x Near_LoA	-5,902	0,251	0,267
CHR4	14932100	CHR4:14932100	SSF x Near_LoA	-3,232	0,146	0,277
CHR4	14932131	CHR4:14932131	SSF x Near_LoA	-7,562	-0,029	0,302
CHR4	14932235	CHR4:14932235	SSF x Near_LoA	-4,525	-0,110	0,284
CHR4	14932338	CHR4:14932338	SSF x Near_LoA	-6,406	0,003	0,301
CHR4	14932364	CHR4:14932364	SSF x Near_LoA	-3,305	0,162	0,281
CHR4	14940458	CHR4:14940458	SSF x Near_LoA	-7,507	-0,104	0,282
CHR4	14940552	CHR4:14940552	SSF x Near_LoA	-8,547	0,120	0,292
CHR4	14940607	CHR4:14940607	SSF x Near_LoA	-6,544	-0,131	0,269
CHR4	14940610	CHR4:14940610	SSF x Near_LoA	-8,868	0,006	0,285
CHR4	14940721	CHR4:14940721	SSF x Near_LoA	-8,492	0,051	0,291
CHR4	14950036	CHR4:14950036	SSF x Near_LoA	0,281	-0,290	0,261
CHR4	14950057	CHR4:14950057	SSF x Near_LoA	-8,732	0,093	0,281
CHR4	14950075	CHR4:14950075	SSF x Near_LoA	-7,121	0,073	0,292
CHR4	14952871	CHR4:14952871	SSF x Near_LoA	-9,210	0,057	0,279
CHR4	14952934	CHR4:14952934	SSF x Near_LoA	-6,192	0,114	0,288
CHR4	14952936	CHR4:14952936	SSF x Near_LoA	-6,869	0,026	0,293
CHR4	14953103	CHR4:14953103	SSF x Near_LoA	-6,381	-0,006	0,307
CHR4	14963680	CHR4:14963680	SSF x Near_LoA	-0,902	-0,189	0,281
CHR4	14963725	CHR4:14963725	SSF x Near_LoA	-4,401	-0,030	0,282
CHR4	14963826	CHR4:14963826	SSF x Near_LoA	-8,184	-0,016	0,288
CHR4	14963831	CHR4:14963831	SSF x Near_LoA	-8,206	0,007	0,291
CHR4	14968525	CHR4:14968525	SSF x Near_LoA	-8,025	-0,038	0,305
CHR4	14968531	CHR4:14968531	SSF x Near_LoA	-8,932	-0,057	0,287
CHR4	14994932	CHR4:14994932	SSF x Near_LoA	-9,799	-0,014	0,283
CHR4	14994967	CHR4:14994967	SSF x Near_LoA	-6,019	-0,137	0,281
CHR4	14996620	CHR4:14996620	SSF x Near_LoA	-4,505	0,214	0,286
CHR4	14996859	CHR4:14996859	SSF x Near_LoA	-8,702	0,063	0,284
CHR4	14996911	CHR4:14996911	SSF x Near_LoA	-3,599	0,211	0,270
CHR4	14996963	CHR4:14996963	SSF x Near_LoA	-2,751	0,181	0,281
CHR4	15015062	CHR4:15015062	SSF x Near_LoA	-6,165	0,073	0,296
CHR4	15015106	CHR4:15015106	SSF x Near_LoA	-9,706	-0,106	0,274
CHR4	15015497	CHR4:15015497	SSF x Near_LoA	-9,216	0,006	0,292
CHR4	1501642	CHR4:1501642	SSF x Near_LoA	-5,977	-0,126	0,293
CHR4	1501665	CHR4:1501665	SSF x Near_LoA	-9,345	0,152	0,271
CHR4	1501734	CHR4:1501734	SSF x Near_LoA	-9,405	-0,063	0,289
CHR4	1501748	CHR4:1501748	SSF x Near_LoA	-8,394	-0,153	0,293
CHR4	1501810	CHR4:1501810	SSF x Near_LoA	-4,433	0,098	0,285
CHR4	1501828	CHR4:1501828	SSF x Near_LoA	-7,403	-0,095	0,287
CHR4	1501868	CHR4:1501868	SSF x Near_LoA	8,210	-0,175	0,277

CHR4	15021445	CHR4:15021445	SSF x Near_LoA	-7,654	-0,074	0,273
CHR4	15021752	CHR4:15021752	SSF x Near_LoA	-5,931	-0,040	0,281
CHR4	15042630	CHR4:15042630	SSF x Near_LoA	-9,392	-0,084	0,289
CHR4	15042857	CHR4:15042857	SSF x Near_LoA	-9,389	0,084	0,287
CHR4	15054719	CHR4:15054719	SSF x Near_LoA	-9,814	0,018	0,296
CHR4	15054821	CHR4:15054821	SSF x Near_LoA	-10,893	0,068	0,274
CHR4	15054851	CHR4:15054851	SSF x Near_LoA	-9,071	-0,069	0,294
CHR4	15054866	CHR4:15054866	SSF x Near_LoA	-6,755	0,103	0,284
CHR4	15057487	CHR4:15057487	SSF x Near_LoA	-9,995	-0,017	0,290
CHR4	15060360	CHR4:15060360	SSF x Near_LoA	-9,575	0,006	0,288
CHR4	15060678	CHR4:15060678	SSF x Near_LoA	-8,841	-0,067	0,291
CHR4	15087880	CHR4:15087880	SSF x Near_LoA	-9,713	0,090	0,286
CHR4	15087924	CHR4:15087924	SSF x Near_LoA	-9,404	0,034	0,281
CHR4	15087925	CHR4:15087925	SSF x Near_LoA	-9,631	0,013	0,287
CHR4	15087939	CHR4:15087939	SSF x Near_LoA	-3,297	0,204	0,269
CHR4	15087945	CHR4:15087945	SSF x Near_LoA	-6,626	0,159	0,278
CHR4	15088046	CHR4:15088046	SSF x Near_LoA	-7,220	-0,108	0,287
CHR4	15088103	CHR4:15088103	SSF x Near_LoA	-8,870	-0,058	0,274
CHR4	15088175	CHR4:15088175	SSF x Near_LoA	-8,985	0,126	0,286
CHR4	15094998	CHR4:15094998	SSF x Near_LoA	-6,557	0,013	0,303
CHR4	15095012	CHR4:15095012	SSF x Near_LoA	-9,259	-0,010	0,303
CHR4	15095023	CHR4:15095023	SSF x Near_LoA	-9,770	-0,037	0,289
CHR4	15095035	CHR4:15095035	SSF x Near_LoA	-8,167	-0,012	0,291
CHR4	15095039	CHR4:15095039	SSF x Near_LoA	-9,672	0,094	0,292
CHR4	15095070	CHR4:15095070	SSF x Near_LoA	-9,002	0,039	0,300
CHR4	15097114	CHR4:15097114	SSF x Near_LoA	-8,664	0,081	0,284
CHR4	15097182	CHR4:15097182	SSF x Near_LoA	-9,866	0,089	0,283
CHR4	15121740	CHR4:15121740	SSF x Near_LoA	-8,050	0,027	0,290
CHR4	15124805	CHR4:15124805	SSF x Near_LoA	-5,019	0,108	0,292
CHR4	15124841	CHR4:15124841	SSF x Near_LoA	-6,366	-0,119	0,274
CHR4	15125033	CHR4:15125033	SSF x Near_LoA	-9,190	-0,160	0,284
CHR4	15125153	CHR4:15125153	SSF x Near_LoA	-7,408	0,014	0,286
CHR4	15131123	CHR4:15131123	SSF x Near_LoA	-10,298	-0,036	0,284
CHR4	15131127	CHR4:15131127	SSF x Near_LoA	-8,562	-0,010	0,278
CHR4	1513214	CHR4:1513214	SSF x Near_LoA	-10,992	-0,050	0,271
CHR4	1513224	CHR4:1513224	SSF x Near_LoA	-6,376	-0,067	0,283
CHR4	1513274	CHR4:1513274	SSF x Near_LoA	-8,856	-0,030	0,287
CHR4	1513375	CHR4:1513375	SSF x Near_LoA	-8,811	0,012	0,303
CHR4	1513388	CHR4:1513388	SSF x Near_LoA	-10,802	0,062	0,273
CHR4	15134108	CHR4:15134108	SSF x Near_LoA	-8,631	-0,018	0,280
CHR4	15134185	CHR4:15134185	SSF x Near_LoA	-7,412	0,117	0,292
CHR4	15134186	CHR4:15134186	SSF x Near_LoA	-8,950	0,019	0,281
CHR4	15139663	CHR4:15139663	SSF x Near_LoA	-9,845	0,035	0,282
CHR4	15139686	CHR4:15139686	SSF x Near_LoA	-9,857	0,061	0,287
CHR4	15139950	CHR4:15139950	SSF x Near_LoA	-1,379	0,057	0,292
CHR4	15139977	CHR4:15139977	SSF x Near_LoA	-8,143	0,015	0,277
CHR4	15140031	CHR4:15140031	SSF x Near_LoA	-7,426	0,046	0,300
CHR4	15140182	CHR4:15140182	SSF x Near_LoA	-1,574	-0,227	0,255
CHR4	15151714	CHR4:15151714	SSF x Near_LoA	-8,312	0,076	0,291
CHR4	15158628	CHR4:15158628	SSF x Near_LoA	-9,178	-0,079	0,288
CHR4	15158636	CHR4:15158636	SSF x Near_LoA	-8,091	-0,096	0,280
CHR4	15158704	CHR4:15158704	SSF x Near_LoA	-9,081	0,060	0,289
CHR4	15158710	CHR4:15158710	SSF x Near_LoA	-9,089	-0,069	0,281

CHR4	15163526	CHR4:15163526	SSF x Near_LoA	-7,465	0,183	0,273
CHR4	15163533	CHR4:15163533	SSF x Near_LoA	-8,700	-0,124	0,287
CHR4	15163759	CHR4:15163759	SSF x Near_LoA	-1,609	0,146	0,288
CHR4	15163762	CHR4:15163762	SSF x Near_LoA	-5,473	0,190	0,270
CHR4	1516874	CHR4:1516874	SSF x Near_LoA	-8,589	0,144	0,280
CHR4	1516889	CHR4:1516889	SSF x Near_LoA	-8,576	0,114	0,291
CHR4	1516893	CHR4:1516893	SSF x Near_LoA	-6,475	-0,034	0,290
CHR4	1516940	CHR4:1516940	SSF x Near_LoA	-7,168	-0,027	0,293
CHR4	1516946	CHR4:1516946	SSF x Near_LoA	-6,668	0,029	0,298
CHR4	15176105	CHR4:15176105	SSF x Near_LoA	-10,529	-0,058	0,285
CHR4	15181572	CHR4:15181572	SSF x Near_LoA	-10,046	-0,071	0,290
CHR4	15181715	CHR4:15181715	SSF x Near_LoA	-7,443	-0,054	0,284
CHR4	15181748	CHR4:15181748	SSF x Near_LoA	-8,766	-0,031	0,277
CHR4	15182037	CHR4:15182037	SSF x Near_LoA	-3,636	-0,080	0,286
CHR4	15189030	CHR4:15189030	SSF x Near_LoA	-10,979	-0,034	0,283
CHR4	15189192	CHR4:15189192	SSF x Near_LoA	-5,771	-0,113	0,285
CHR4	15189247	CHR4:15189247	SSF x Near_LoA	-9,105	-0,026	0,285
CHR4	15189337	CHR4:15189337	SSF x Near_LoA	-8,367	0,054	0,292
CHR4	15197757	CHR4:15197757	SSF x Near_LoA	-5,301	0,221	0,290
CHR4	15197817	CHR4:15197817	SSF x Near_LoA	-7,402	0,018	0,291
CHR4	15197932	CHR4:15197932	SSF x Near_LoA	-6,442	0,019	0,292
CHR4	15197936	CHR4:15197936	SSF x Near_LoA	-6,139	-0,210	0,275
CHR4	15198100	CHR4:15198100	SSF x Near_LoA	-6,861	0,009	0,297
CHR4	15198102	CHR4:15198102	SSF x Near_LoA	-4,798	0,126	0,291
CHR4	15203838	CHR4:15203838	SSF x Near_LoA	-6,792	-0,162	0,281
CHR4	15223742	CHR4:15223742	SSF x Near_LoA	-7,329	0,066	0,291
CHR4	15224141	CHR4:15224141	SSF x Near_LoA	-7,217	-0,104	0,282
CHR4	15229075	CHR4:15229075	SSF x Near_LoA	-10,619	0,001	0,285
CHR4	15233191	CHR4:15233191	SSF x Near_LoA	-7,550	-0,026	0,277
CHR4	15233222	CHR4:15233222	SSF x Near_LoA	-9,373	-0,123	0,288
CHR4	15239558	CHR4:15239558	SSF x Near_LoA	-10,975	-0,032	0,279
CHR4	15251558	CHR4:15251558	SSF x Near_LoA	-9,884	0,057	0,285
CHR4	15279445	CHR4:15279445	SSF x Near_LoA	-7,901	0,084	0,289
CHR4	15279698	CHR4:15279698	SSF x Near_LoA	-10,225	-0,058	0,278
CHR4	15368060	CHR4:15368060	SSF x Near_LoA	-7,802	-0,002	0,291
CHR4	15368107	CHR4:15368107	SSF x Near_LoA	-8,639	-0,043	0,296
CHR4	15395417	CHR4:15395417	SSF x Near_LoA	-9,019	-0,001	0,281
CHR4	15410225	CHR4:15410225	SSF x Near_LoA	-7,604	-0,066	0,296
CHR4	15410248	CHR4:15410248	SSF x Near_LoA	-9,009	-0,051	0,306
CHR4	15410291	CHR4:15410291	SSF x Near_LoA	-7,342	0,012	0,304
CHR4	15422657	CHR4:15422657	SSF x Near_LoA	-9,609	-0,021	0,280
CHR4	15423269	CHR4:15423269	SSF x Near_LoA	-9,760	-0,003	0,293
CHR4	15428934	CHR4:15428934	SSF x Near_LoA	-4,873	0,171	0,280
CHR4	15428936	CHR4:15428936	SSF x Near_LoA	-7,101	-0,086	0,299
CHR4	15428939	CHR4:15428939	SSF x Near_LoA	-5,925	-0,154	0,278
CHR4	15429039	CHR4:15429039	SSF x Near_LoA	-9,073	0,035	0,288
CHR4	15429171	CHR4:15429171	SSF x Near_LoA	-7,988	0,037	0,294
CHR4	15444756	CHR4:15444756	SSF x Near_LoA	-9,346	-0,104	0,287
CHR4	15445007	CHR4:15445007	SSF x Near_LoA	-8,454	0,090	0,282
CHR4	15447376	CHR4:15447376	SSF x Near_LoA	-4,683	-0,119	0,299
CHR4	15447431	CHR4:15447431	SSF x Near_LoA	-8,115	-0,037	0,288
CHR4	15447453	CHR4:15447453	SSF x Near_LoA	-7,404	-0,115	0,279
CHR4	15447501	CHR4:15447501	SSF x Near_LoA	-0,324	-0,162	0,281

CHR4	15447729	CHR4:15447729	SSF x Near_LoA	-8,692	0,156	0,278
CHR4	15452693	CHR4:15452693	SSF x Near_LoA	-8,170	-0,106	0,286
CHR4	15452777	CHR4:15452777	SSF x Near_LoA	-9,135	-0,064	0,290
CHR4	15452912	CHR4:15452912	SSF x Near_LoA	-9,066	-0,088	0,274
CHR4	15452927	CHR4:15452927	SSF x Near_LoA	-7,509	-0,030	0,285
CHR4	15453032	CHR4:15453032	SSF x Near_LoA	-9,555	-0,079	0,280
CHR4	15455136	CHR4:15455136	SSF x Near_LoA	-1,585	-0,158	0,283
CHR4	15455302	CHR4:15455302	SSF x Near_LoA	-10,402	-0,001	0,303
CHR4	15455318	CHR4:15455318	SSF x Near_LoA	-6,794	-0,063	0,278
CHR4	15486918	CHR4:15486918	SSF x Near_LoA	-8,476	0,026	0,291
CHR4	15487080	CHR4:15487080	SSF x Near_LoA	-5,790	-0,098	0,297
CHR4	15500320	CHR4:15500320	SSF x Near_LoA	-8,132	-0,037	0,271
CHR4	15500372	CHR4:15500372	SSF x Near_LoA	-7,542	0,023	0,292
CHR4	15500373	CHR4:15500373	SSF x Near_LoA	-5,488	-0,146	0,307
CHR4	15506903	CHR4:15506903	SSF x Near_LoA	-6,857	0,118	0,283
CHR4	15525772	CHR4:15525772	SSF x Near_LoA	-8,575	0,214	0,262
CHR4	15525821	CHR4:15525821	SSF x Near_LoA	-11,278	-0,004	0,288
CHR4	15528500	CHR4:15528500	SSF x Near_LoA	-9,142	-0,111	0,287
CHR4	15528546	CHR4:15528546	SSF x Near_LoA	-7,877	0,006	0,290
CHR4	15550834	CHR4:15550834	SSF x Near_LoA	-8,630	-0,083	0,282
CHR4	1556285	CHR4:1556285	SSF x Near_LoA	-7,692	-0,053	0,286
CHR4	1556299	CHR4:1556299	SSF x Near_LoA	-8,038	-0,038	0,279
CHR4	1556316	CHR4:1556316	SSF x Near_LoA	-7,068	-0,129	0,297
CHR4	1556327	CHR4:1556327	SSF x Near_LoA	-7,023	-0,121	0,290
CHR4	1556364	CHR4:1556364	SSF x Near_LoA	-8,848	0,104	0,276
CHR4	15569891	CHR4:15569891	SSF x Near_LoA	-9,938	-0,010	0,283
CHR4	15583441	CHR4:15583441	SSF x Near_LoA	-8,937	0,127	0,267
CHR4	15583467	CHR4:15583467	SSF x Near_LoA	-8,175	-0,081	0,290
CHR4	15583595	CHR4:15583595	SSF x Near_LoA	-3,309	0,158	0,284
CHR4	15594345	CHR4:15594345	SSF x Near_LoA	-6,583	0,050	0,294
CHR4	15594527	CHR4:15594527	SSF x Near_LoA	-6,414	-0,108	0,278
CHR4	15594670	CHR4:15594670	SSF x Near_LoA	-7,953	-0,001	0,278
CHR4	15596541	CHR4:15596541	SSF x Near_LoA	-9,935	0,010	0,301
CHR4	15596575	CHR4:15596575	SSF x Near_LoA	-9,130	-0,027	0,300
CHR4	15596612	CHR4:15596612	SSF x Near_LoA	-8,394	-0,005	0,283
CHR4	15612702	CHR4:15612702	SSF x Near_LoA	-8,355	0,126	0,283
CHR4	1562460	CHR4:1562460	SSF x Near_LoA	-8,238	0,060	0,279
CHR4	1562468	CHR4:1562468	SSF x Near_LoA	-6,118	-0,188	0,280
CHR4	1562473	CHR4:1562473	SSF x Near_LoA	-6,762	0,017	0,298
CHR4	1562504	CHR4:1562504	SSF x Near_LoA	-7,502	0,086	0,276
CHR4	1562648	CHR4:1562648	SSF x Near_LoA	-4,546	0,223	0,273
CHR4	1562661	CHR4:1562661	SSF x Near_LoA	-4,167	0,210	0,286
CHR4	1565108	CHR4:1565108	SSF x Near_LoA	-7,920	-0,164	0,279
CHR4	15667230	CHR4:15667230	SSF x Near_LoA	-8,144	0,047	0,298
CHR4	15667249	CHR4:15667249	SSF x Near_LoA	-4,375	0,028	0,281
CHR4	15692063	CHR4:15692063	SSF x Near_LoA	-7,048	0,129	0,274
CHR4	15693144	CHR4:15693144	SSF x Near_LoA	-6,850	0,177	0,276
CHR4	15701068	CHR4:15701068	SSF x Near_LoA	-7,509	-0,027	0,285
CHR4	15701096	CHR4:15701096	SSF x Near_LoA	-7,418	-0,045	0,287
CHR4	15749554	CHR4:15749554	SSF x Near_LoA	-8,357	0,045	0,294
CHR4	15757238	CHR4:15757238	SSF x Near_LoA	-9,723	-0,016	0,293
CHR4	15757293	CHR4:15757293	SSF x Near_LoA	-7,748	0,097	0,281
CHR4	15757321	CHR4:15757321	SSF x Near_LoA	-8,993	-0,031	0,287

CHR4	15766263	CHR4:15766263	SSF x Near_LoA	-7,488	-0,014	0,279
CHR4	15766473	CHR4:15766473	SSF x Near_LoA	-5,355	0,064	0,289
CHR4	15766604	CHR4:15766604	SSF x Near_LoA	-10,091	0,063	0,280
CHR4	15766631	CHR4:15766631	SSF x Near_LoA	-8,659	-0,023	0,271
CHR4	15766652	CHR4:15766652	SSF x Near_LoA	-7,263	0,046	0,287
CHR4	15766660	CHR4:15766660	SSF x Near_LoA	-8,035	-0,001	0,271
CHR4	15772743	CHR4:15772743	SSF x Near_LoA	-4,296	0,145	0,293
CHR4	15772880	CHR4:15772880	SSF x Near_LoA	-9,215	-0,026	0,278
CHR4	15773543	CHR4:15773543	SSF x Near_LoA	-10,503	0,030	0,289
CHR4	15773548	CHR4:15773548	SSF x Near_LoA	-7,626	-0,014	0,283
CHR4	15773645	CHR4:15773645	SSF x Near_LoA	-7,297	-0,116	0,286
CHR4	15777020	CHR4:15777020	SSF x Near_LoA	-7,941	0,033	0,284
CHR4	15777113	CHR4:15777113	SSF x Near_LoA	-6,661	0,177	0,271
CHR4	15785069	CHR4:15785069	SSF x Near_LoA	-1,968	0,267	0,263
CHR4	15785901	CHR4:15785901	SSF x Near_LoA	-6,657	0,004	0,292
CHR4	15792223	CHR4:15792223	SSF x Near_LoA	-5,361	0,094	0,290
CHR4	15792309	CHR4:15792309	SSF x Near_LoA	-6,413	-0,100	0,272
CHR4	15792371	CHR4:15792371	SSF x Near_LoA	-8,151	0,027	0,294
CHR4	15792437	CHR4:15792437	SSF x Near_LoA	-7,305	0,161	0,287
CHR4	15792438	CHR4:15792438	SSF x Near_LoA	-8,275	-0,013	0,301
CHR4	15792459	CHR4:15792459	SSF x Near_LoA	-8,096	0,165	0,283
CHR4	15804115	CHR4:15804115	SSF x Near_LoA	-6,608	0,154	0,279
CHR4	15804135	CHR4:15804135	SSF x Near_LoA	-9,072	-0,086	0,284
CHR4	15804169	CHR4:15804169	SSF x Near_LoA	-9,152	0,013	0,286
CHR4	15804279	CHR4:15804279	SSF x Near_LoA	-8,189	-0,160	0,277
CHR4	15811434	CHR4:15811434	SSF x Near_LoA	-8,786	0,150	0,281
CHR4	15811527	CHR4:15811527	SSF x Near_LoA	-9,318	0,052	0,286
CHR4	15824663	CHR4:15824663	SSF x Near_LoA	-7,313	0,049	0,290
CHR4	15824681	CHR4:15824681	SSF x Near_LoA	-6,580	0,068	0,294
CHR4	15834833	CHR4:15834833	SSF x Near_LoA	-6,879	0,225	0,253
CHR4	15838983	CHR4:15838983	SSF x Near_LoA	-9,110	0,011	0,290
CHR4	15857338	CHR4:15857338	SSF x Near_LoA	-9,811	0,039	0,285
CHR4	1586163	CHR4:1586163	SSF x Near_LoA	-8,248	-0,047	0,268
CHR4	1586168	CHR4:1586168	SSF x Near_LoA	-7,220	0,107	0,269
CHR4	1586181	CHR4:1586181	SSF x Near_LoA	-4,828	-0,197	0,281
CHR4	1586202	CHR4:1586202	SSF x Near_LoA	-8,860	0,034	0,295
CHR4	1586213	CHR4:1586213	SSF x Near_LoA	-4,489	0,224	0,278
CHR4	1586217	CHR4:1586217	SSF x Near_LoA	-7,926	0,062	0,306
CHR4	1586259	CHR4:1586259	SSF x Near_LoA	-7,865	0,062	0,293
CHR4	1586262	CHR4:1586262	SSF x Near_LoA	-9,524	0,057	0,284
CHR4	15864029	CHR4:15864029	SSF x Near_LoA	-8,093	0,060	0,276
CHR4	15864040	CHR4:15864040	SSF x Near_LoA	-8,322	0,037	0,285
CHR4	15864178	CHR4:15864178	SSF x Near_LoA	-6,725	-0,014	0,303
CHR4	15866471	CHR4:15866471	SSF x Near_LoA	-7,633	0,059	0,288
CHR4	15866539	CHR4:15866539	SSF x Near_LoA	-7,960	0,078	0,297
CHR4	15866557	CHR4:15866557	SSF x Near_LoA	-7,468	0,104	0,293
CHR4	15867675	CHR4:15867675	SSF x Near_LoA	-3,396	0,072	0,287
CHR4	15874653	CHR4:15874653	SSF x Near_LoA	-7,740	0,120	0,293
CHR4	15874834	CHR4:15874834	SSF x Near_LoA	-7,770	0,050	0,284
CHR4	15874891	CHR4:15874891	SSF x Near_LoA	-7,345	-0,002	0,289
CHR4	15898734	CHR4:15898734	SSF x Near_LoA	-7,998	-0,027	0,303
CHR4	15898776	CHR4:15898776	SSF x Near_LoA	-7,301	-0,036	0,289
CHR4	15898787	CHR4:15898787	SSF x Near_LoA	-8,312	-0,046	0,296

CHR4	15898825	CHR4:15898825	SSF x Near_LoA	-7,955	-0,044	0,300
CHR4	15906638	CHR4:15906638	SSF x Near_LoA	-8,973	-0,157	0,280
CHR4	15906665	CHR4:15906665	SSF x Near_LoA	-8,207	0,066	0,312
CHR4	15922669	CHR4:15922669	SSF x Near_LoA	-9,013	0,039	0,281
CHR4	15922792	CHR4:15922792	SSF x Near_LoA	-5,923	0,143	0,277
CHR4	15922800	CHR4:15922800	SSF x Near_LoA	-7,582	-0,053	0,297
CHR4	15923065	CHR4:15923065	SSF x Near_LoA	-5,912	0,226	0,261
CHR4	1592876	CHR4:1592876	SSF x Near_LoA	-3,077	-0,105	0,285
CHR4	15931176	CHR4:15931176	SSF x Near_LoA	-8,112	-0,113	0,271
CHR4	15931207	CHR4:15931207	SSF x Near_LoA	-8,495	-0,047	0,282
CHR4	15931234	CHR4:15931234	SSF x Near_LoA	-10,476	0,026	0,284
CHR4	15931235	CHR4:15931235	SSF x Near_LoA	-9,447	0,051	0,277
CHR4	15931296	CHR4:15931296	SSF x Near_LoA	-6,950	-0,067	0,293
CHR4	15931326	CHR4:15931326	SSF x Near_LoA	-6,155	-0,104	0,290
CHR4	15931380	CHR4:15931380	SSF x Near_LoA	-7,432	0,044	0,299
CHR4	15931416	CHR4:15931416	SSF x Near_LoA	-8,423	0,054	0,289
CHR4	15935267	CHR4:15935267	SSF x Near_LoA	-8,164	-0,042	0,293
CHR4	15935333	CHR4:15935333	SSF x Near_LoA	-7,623	-0,047	0,289
CHR4	15935433	CHR4:15935433	SSF x Near_LoA	-8,920	-0,079	0,296
CHR4	15940740	CHR4:15940740	SSF x Near_LoA	-3,363	0,088	0,307
CHR4	15940805	CHR4:15940805	SSF x Near_LoA	-5,350	0,055	0,280
CHR4	15940856	CHR4:15940856	SSF x Near_LoA	-8,626	-0,096	0,283
CHR4	15940910	CHR4:15940910	SSF x Near_LoA	-4,680	0,162	0,279
CHR4	15944297	CHR4:15944297	SSF x Near_LoA	-10,055	0,052	0,279
CHR4	15944469	CHR4:15944469	SSF x Near_LoA	-7,333	0,138	0,284
CHR4	15949531	CHR4:15949531	SSF x Near_LoA	-10,503	-0,032	0,290
CHR4	15951474	CHR4:15951474	SSF x Near_LoA	-6,020	-0,149	0,275
CHR4	15951642	CHR4:15951642	SSF x Near_LoA	-7,986	-0,027	0,273
CHR4	15951669	CHR4:15951669	SSF x Near_LoA	-8,783	-0,039	0,292
CHR4	15957500	CHR4:15957500	SSF x Near_LoA	-9,677	-0,030	0,286
CHR4	15968990	CHR4:15968990	SSF x Near_LoA	-3,417	0,127	0,284
CHR4	15969038	CHR4:15969038	SSF x Near_LoA	-5,796	0,039	0,303
CHR4	15975372	CHR4:15975372	SSF x Near_LoA	-9,181	-0,034	0,281
CHR4	15975451	CHR4:15975451	SSF x Near_LoA	-8,564	0,005	0,283
CHR4	15984041	CHR4:15984041	SSF x Near_LoA	-8,512	-0,096	0,283
CHR4	15984373	CHR4:15984373	SSF x Near_LoA	-7,879	-0,054	0,293
CHR4	15996122	CHR4:15996122	SSF x Near_LoA	-6,982	-0,055	0,298
CHR4	15997508	CHR4:15997508	SSF x Near_LoA	-6,998	0,107	0,265
CHR4	15997683	CHR4:15997683	SSF x Near_LoA	-3,504	0,145	0,272
CHR4	16006621	CHR4:16006621	SSF x Near_LoA	-4,269	-0,246	0,272
CHR4	16006642	CHR4:16006642	SSF x Near_LoA	-3,979	-0,162	0,295
CHR4	16008372	CHR4:16008372	SSF x Near_LoA	-7,142	-0,199	0,293
CHR4	16008464	CHR4:16008464	SSF x Near_LoA	-8,531	-0,040	0,279
CHR4	16008498	CHR4:16008498	SSF x Near_LoA	-8,416	0,000	0,292
CHR4	16008515	CHR4:16008515	SSF x Near_LoA	-6,521	-0,006	0,291
CHR4	16013093	CHR4:16013093	SSF x Near_LoA	-6,712	0,065	0,294
CHR4	16016154	CHR4:16016154	SSF x Near_LoA	-6,737	-0,155	0,296
CHR4	16016173	CHR4:16016173	SSF x Near_LoA	-9,234	-0,045	0,301
CHR4	16036447	CHR4:16036447	SSF x Near_LoA	-0,247	-0,141	0,278
CHR4	16036452	CHR4:16036452	SSF x Near_LoA	-7,681	0,030	0,284
CHR4	16036525	CHR4:16036525	SSF x Near_LoA	-9,500	0,016	0,283
CHR4	16036612	CHR4:16036612	SSF x Near_LoA	-6,158	0,060	0,285
CHR4	16038422	CHR4:16038422	SSF x Near_LoA	-6,341	0,131	0,288

CHR4	16046744	CHR4:16046744	SSF x Near_LoA	-5,694	-0,066	0,293
CHR4	16046751	CHR4:16046751	SSF x Near_LoA	-7,100	-0,072	0,285
CHR4	16046755	CHR4:16046755	SSF x Near_LoA	-8,333	-0,075	0,278
CHR4	16046792	CHR4:16046792	SSF x Near_LoA	-8,032	0,065	0,275
CHR4	16046931	CHR4:16046931	SSF x Near_LoA	-5,994	0,207	0,277
CHR4	16046938	CHR4:16046938	SSF x Near_LoA	0,109	0,208	0,273
CHR4	16046986	CHR4:16046986	SSF x Near_LoA	-0,752	0,142	0,280
CHR4	16046992	CHR4:16046992	SSF x Near_LoA	-5,005	0,138	0,284
CHR4	1604850	CHR4:1604850	SSF x Near_LoA	-9,751	-0,052	0,292
CHR4	1604875	CHR4:1604875	SSF x Near_LoA	-10,962	0,004	0,288
CHR4	16048899	CHR4:16048899	SSF x Near_LoA	-2,035	0,157	0,283
CHR4	16048922	CHR4:16048922	SSF x Near_LoA	-8,123	-0,091	0,301
CHR4	16048988	CHR4:16048988	SSF x Near_LoA	-7,457	-0,090	0,279
CHR4	16049127	CHR4:16049127	SSF x Near_LoA	-8,351	-0,002	0,271
CHR4	16049240	CHR4:16049240	SSF x Near_LoA	-6,901	-0,145	0,291
CHR4	1605026	CHR4:1605026	SSF x Near_LoA	-8,579	-0,176	0,288
CHR4	1605050	CHR4:1605050	SSF x Near_LoA	-7,834	0,086	0,299
CHR4	1605058	CHR4:1605058	SSF x Near_LoA	-7,072	0,018	0,291
CHR4	16062123	CHR4:16062123	SSF x Near_LoA	-8,683	-0,074	0,296
CHR4	16062316	CHR4:16062316	SSF x Near_LoA	-11,295	0,011	0,270
CHR4	16062334	CHR4:16062334	SSF x Near_LoA	-7,678	0,088	0,281
CHR4	16063778	CHR4:16063778	SSF x Near_LoA	-6,207	0,111	0,292
CHR4	16108883	CHR4:16108883	SSF x Near_LoA	-7,823	0,040	0,283
CHR4	16108906	CHR4:16108906	SSF x Near_LoA	-5,964	0,132	0,284
CHR4	16109093	CHR4:16109093	SSF x Near_LoA	-7,971	0,014	0,297
CHR4	16124797	CHR4:16124797	SSF x Near_LoA	-8,744	0,072	0,277
CHR4	16125031	CHR4:16125031	SSF x Near_LoA	-7,872	0,077	0,277
CHR4	16126391	CHR4:16126391	SSF x Near_LoA	-8,603	0,026	0,285
CHR4	16126426	CHR4:16126426	SSF x Near_LoA	-8,045	-0,013	0,286
CHR4	16126469	CHR4:16126469	SSF x Near_LoA	-8,044	-0,058	0,285
CHR4	16126473	CHR4:16126473	SSF x Near_LoA	-6,638	0,130	0,281
CHR4	16139376	CHR4:16139376	SSF x Near_LoA	-10,270	0,006	0,276
CHR4	16139377	CHR4:16139377	SSF x Near_LoA	-5,667	0,061	0,296
CHR4	16139382	CHR4:16139382	SSF x Near_LoA	-8,478	0,073	0,285
CHR4	16139439	CHR4:16139439	SSF x Near_LoA	-9,924	-0,001	0,290
CHR4	16142491	CHR4:16142491	SSF x Near_LoA	-5,499	-0,012	0,291
CHR4	16142760	CHR4:16142760	SSF x Near_LoA	-10,664	-0,008	0,290
CHR4	1614378	CHR4:1614378	SSF x Near_LoA	-7,878	-0,082	0,293
CHR4	1614420	CHR4:1614420	SSF x Near_LoA	-7,969	0,148	0,275
CHR4	1614469	CHR4:1614469	SSF x Near_LoA	-8,195	0,011	0,302
CHR4	16147653	CHR4:16147653	SSF x Near_LoA	-7,050	-0,097	0,289
CHR4	16147655	CHR4:16147655	SSF x Near_LoA	-7,773	-0,051	0,287
CHR4	16149357	CHR4:16149357	SSF x Near_LoA	-8,055	-0,080	0,293
CHR4	16158019	CHR4:16158019	SSF x Near_LoA	-7,710	-0,100	0,287
CHR4	16158060	CHR4:16158060	SSF x Near_LoA	-8,268	-0,019	0,300
CHR4	16163145	CHR4:16163145	SSF x Near_LoA	-10,150	0,044	0,306
CHR4	16163269	CHR4:16163269	SSF x Near_LoA	-10,874	0,035	0,285
CHR4	1625874	CHR4:1625874	SSF x Near_LoA	-10,049	0,014	0,290
CHR4	1625876	CHR4:1625876	SSF x Near_LoA	-9,742	0,037	0,288
CHR4	16262089	CHR4:16262089	SSF x Near_LoA	-8,576	-0,023	0,282
CHR4	16262181	CHR4:16262181	SSF x Near_LoA	-7,372	-0,028	0,294
CHR4	16262217	CHR4:16262217	SSF x Near_LoA	-2,492	-0,072	0,295
CHR4	16271102	CHR4:16271102	SSF x Near_LoA	-1,532	-0,233	0,281

CHR4	16271136	CHR4:16271136	SSF x Near_LoA	-5,322	-0,186	0,277
CHR4	16271166	CHR4:16271166	SSF x Near_LoA	-8,417	-0,033	0,291
CHR4	16271194	CHR4:16271194	SSF x Near_LoA	-7,961	-0,033	0,280
CHR4	16282721	CHR4:16282721	SSF x Near_LoA	-1,880	-0,169	0,276
CHR4	16282738	CHR4:16282738	SSF x Near_LoA	-8,873	-0,098	0,291
CHR4	16282761	CHR4:16282761	SSF x Near_LoA	-7,748	-0,092	0,285
CHR4	16287966	CHR4:16287966	SSF x Near_LoA	-8,593	0,069	0,287
CHR4	16288187	CHR4:16288187	SSF x Near_LoA	-7,607	0,061	0,292
CHR4	16288189	CHR4:16288189	SSF x Near_LoA	-9,232	0,041	0,303
CHR4	16288270	CHR4:16288270	SSF x Near_LoA	-8,206	-0,032	0,290
CHR4	16290397	CHR4:16290397	SSF x Near_LoA	-9,728	-0,030	0,279
CHR4	16304648	CHR4:16304648	SSF x Near_LoA	-10,258	-0,020	0,304
CHR4	16305873	CHR4:16305873	SSF x Near_LoA	-7,934	0,012	0,283
CHR4	16305898	CHR4:16305898	SSF x Near_LoA	-7,641	0,065	0,291
CHR4	16308506	CHR4:16308506	SSF x Near_LoA	-6,830	-0,031	0,291
CHR4	16308507	CHR4:16308507	SSF x Near_LoA	-7,379	0,013	0,290
CHR4	16308540	CHR4:16308540	SSF x Near_LoA	-7,350	-0,109	0,276
CHR4	16308618	CHR4:16308618	SSF x Near_LoA	-4,943	0,157	0,300
CHR4	16308649	CHR4:16308649	SSF x Near_LoA	-6,669	-0,140	0,283
CHR4	16318764	CHR4:16318764	SSF x Near_LoA	-6,579	0,138	0,271
CHR4	16320502	CHR4:16320502	SSF x Near_LoA	-6,703	-0,001	0,287
CHR4	16320538	CHR4:16320538	SSF x Near_LoA	-8,723	-0,064	0,274
CHR4	16320661	CHR4:16320661	SSF x Near_LoA	-9,006	-0,056	0,289
CHR4	16338670	CHR4:16338670	SSF x Near_LoA	-9,378	0,125	0,277
CHR4	16338744	CHR4:16338744	SSF x Near_LoA	-9,444	-0,005	0,288
CHR4	16339206	CHR4:16339206	SSF x Near_LoA	-8,110	0,105	0,296
CHR4	16344964	CHR4:16344964	SSF x Near_LoA	-7,844	0,115	0,292
CHR4	16351850	CHR4:16351850	SSF x Near_LoA	-9,002	-0,037	0,291
CHR4	16356115	CHR4:16356115	SSF x Near_LoA	-7,374	-0,013	0,284
CHR4	16356136	CHR4:16356136	SSF x Near_LoA	-6,230	0,058	0,282
CHR4	1635759	CHR4:1635759	SSF x Near_LoA	-8,469	0,056	0,285
CHR4	1635856	CHR4:1635856	SSF x Near_LoA	-5,961	-0,016	0,280
CHR4	16362028	CHR4:16362028	SSF x Near_LoA	-8,163	0,017	0,276
CHR4	16362061	CHR4:16362061	SSF x Near_LoA	-6,654	0,134	0,278
CHR4	16421798	CHR4:16421798	SSF x Near_LoA	-9,412	-0,089	0,297
CHR4	16431500	CHR4:16431500	SSF x Near_LoA	-9,745	0,059	0,293
CHR4	16431641	CHR4:16431641	SSF x Near_LoA	-1,038	0,025	0,293
CHR4	16431646	CHR4:16431646	SSF x Near_LoA	-7,006	-0,123	0,279
CHR4	16440141	CHR4:16440141	SSF x Near_LoA	-9,834	-0,113	0,285
CHR4	16440152	CHR4:16440152	SSF x Near_LoA	-10,415	0,000	0,295
CHR4	16440221	CHR4:16440221	SSF x Near_LoA	-4,216	0,234	0,267
CHR4	16445902	CHR4:16445902	SSF x Near_LoA	-6,668	0,180	0,288
CHR4	16446037	CHR4:16446037	SSF x Near_LoA	-7,095	-0,072	0,287
CHR4	16446051	CHR4:16446051	SSF x Near_LoA	-9,495	-0,043	0,297
CHR4	16454291	CHR4:16454291	SSF x Near_LoA	-7,774	-0,062	0,286
CHR4	16454585	CHR4:16454585	SSF x Near_LoA	-5,880	0,020	0,294
CHR4	16458268	CHR4:16458268	SSF x Near_LoA	-6,616	0,110	0,282
CHR4	16458333	CHR4:16458333	SSF x Near_LoA	-7,995	-0,134	0,279
CHR4	1647105	CHR4:1647105	SSF x Near_LoA	-7,684	-0,032	0,280
CHR4	16478095	CHR4:16478095	SSF x Near_LoA	-7,912	0,007	0,295
CHR4	16478099	CHR4:16478099	SSF x Near_LoA	-6,857	0,006	0,292
CHR4	16478185	CHR4:16478185	SSF x Near_LoA	-8,294	-0,102	0,278
CHR4	16478240	CHR4:16478240	SSF x Near_LoA	-7,747	-0,141	0,284

CHR4	1649846	CHR4:1649846	SSF x Near_LoA	-7,735	0,041	0,293
CHR4	1649861	CHR4:1649861	SSF x Near_LoA	-9,936	0,026	0,275
CHR4	1649926	CHR4:1649926	SSF x Near_LoA	-10,071	-0,057	0,281
CHR4	1649931	CHR4:1649931	SSF x Near_LoA	-2,297	-0,244	0,269
CHR4	1649952	CHR4:1649952	SSF x Near_LoA	-8,085	0,073	0,278
CHR4	16515345	CHR4:16515345	SSF x Near_LoA	-0,889	-0,133	0,295
CHR4	16522166	CHR4:16522166	SSF x Near_LoA	14,629	-0,122	0,281
CHR4	16524537	CHR4:16524537	SSF x Near_LoA	-8,989	0,008	0,287
CHR4	16524639	CHR4:16524639	SSF x Near_LoA	-5,795	-0,143	0,263
CHR4	16524642	CHR4:16524642	SSF x Near_LoA	-8,777	0,130	0,295
CHR4	16524648	CHR4:16524648	SSF x Near_LoA	-6,846	0,091	0,297
CHR4	16524764	CHR4:16524764	SSF x Near_LoA	-9,180	-0,037	0,282
CHR4	16524775	CHR4:16524775	SSF x Near_LoA	-8,587	0,088	0,278
CHR4	16524782	CHR4:16524782	SSF x Near_LoA	-9,089	0,068	0,290
CHR4	1652912	CHR4:1652912	SSF x Near_LoA	-3,266	0,185	0,275
CHR4	1653121	CHR4:1653121	SSF x Near_LoA	-6,120	0,084	0,299
CHR4	16531287	CHR4:16531287	SSF x Near_LoA	-6,724	0,142	0,293
CHR4	1653133	CHR4:1653133	SSF x Near_LoA	-8,238	-0,028	0,285
CHR4	16531439	CHR4:16531439	SSF x Near_LoA	-9,669	-0,044	0,289
CHR4	1653145	CHR4:1653145	SSF x Near_LoA	-2,229	-0,250	0,277
CHR4	16538847	CHR4:16538847	SSF x Near_LoA	-7,534	0,106	0,272
CHR4	16538967	CHR4:16538967	SSF x Near_LoA	-7,711	-0,003	0,285
CHR4	16538985	CHR4:16538985	SSF x Near_LoA	-8,569	0,102	0,263
CHR4	16554818	CHR4:16554818	SSF x Near_LoA	-6,064	-0,057	0,287
CHR4	16554823	CHR4:16554823	SSF x Near_LoA	-8,836	-0,062	0,281
CHR4	16614768	CHR4:16614768	SSF x Near_LoA	-4,773	0,159	0,285
CHR4	16624177	CHR4:16624177	SSF x Near_LoA	-7,798	0,017	0,287
CHR4	16634566	CHR4:16634566	SSF x Near_LoA	-5,841	-0,112	0,293
CHR4	16638313	CHR4:16638313	SSF x Near_LoA	-5,079	-0,032	0,304
CHR4	16642198	CHR4:16642198	SSF x Near_LoA	-10,324	-0,038	0,290
CHR4	16655673	CHR4:16655673	SSF x Near_LoA	-7,195	0,084	0,289
CHR4	16659939	CHR4:16659939	SSF x Near_LoA	-7,328	-0,004	0,296
CHR4	16659952	CHR4:16659952	SSF x Near_LoA	-6,364	0,015	0,299
CHR4	16660028	CHR4:16660028	SSF x Near_LoA	-8,628	0,032	0,277
CHR4	16663734	CHR4:16663734	SSF x Near_LoA	-9,439	-0,098	0,284
CHR4	16663778	CHR4:16663778	SSF x Near_LoA	-6,800	-0,078	0,262
CHR4	16682884	CHR4:16682884	SSF x Near_LoA	-7,805	0,073	0,302
CHR4	16692782	CHR4:16692782	SSF x Near_LoA	-9,236	0,043	0,282
CHR4	16692846	CHR4:16692846	SSF x Near_LoA	-6,615	-0,124	0,288
CHR4	16695319	CHR4:16695319	SSF x Near_LoA	-9,517	-0,029	0,281
CHR4	16711621	CHR4:16711621	SSF x Near_LoA	-6,996	0,098	0,280
CHR4	16711722	CHR4:16711722	SSF x Near_LoA	-8,718	-0,008	0,291
CHR4	16711748	CHR4:16711748	SSF x Near_LoA	-7,605	0,017	0,301
CHR4	16720181	CHR4:16720181	SSF x Near_LoA	-7,769	0,137	0,277
CHR4	16720433	CHR4:16720433	SSF x Near_LoA	-9,694	0,060	0,285
CHR4	16747652	CHR4:16747652	SSF x Near_LoA	-6,011	-0,074	0,257
CHR4	16747671	CHR4:16747671	SSF x Near_LoA	-9,330	0,069	0,280
CHR4	16747755	CHR4:16747755	SSF x Near_LoA	-7,996	0,043	0,285
CHR4	16747764	CHR4:16747764	SSF x Near_LoA	-8,461	-0,160	0,293
CHR4	1677179	CHR4:1677179	SSF x Near_LoA	7,957	0,262	0,261
CHR4	1677241	CHR4:1677241	SSF x Near_LoA	-8,462	-0,067	0,282
CHR4	1677276	CHR4:1677276	SSF x Near_LoA	-11,426	-0,035	0,264
CHR4	1677305	CHR4:1677305	SSF x Near_LoA	-9,209	0,057	0,272

CHR4	1677309	CHR4:1677309	SSF x Near_LoA	-8,554	0,092	0,277
CHR4	1677438	CHR4:1677438	SSF x Near_LoA	-8,592	-0,058	0,285
CHR4	1677472	CHR4:1677472	SSF x Near_LoA	-4,214	0,014	0,293
CHR4	1677474	CHR4:1677474	SSF x Near_LoA	-7,476	-0,059	0,296
CHR4	1677485	CHR4:1677485	SSF x Near_LoA	-7,940	0,097	0,276
CHR4	1677487	CHR4:1677487	SSF x Near_LoA	-6,289	-0,120	0,275
CHR4	16777096	CHR4:16777096	SSF x Near_LoA	-7,612	-0,136	0,288
CHR4	16777116	CHR4:16777116	SSF x Near_LoA	-9,377	-0,163	0,269
CHR4	16777175	CHR4:16777175	SSF x Near_LoA	-9,265	-0,044	0,288
CHR4	16777244	CHR4:16777244	SSF x Near_LoA	-5,661	-0,127	0,289
CHR4	16777280	CHR4:16777280	SSF x Near_LoA	-9,615	-0,012	0,297
CHR4	16777299	CHR4:16777299	SSF x Near_LoA	-9,857	0,044	0,287
CHR4	16777310	CHR4:16777310	SSF x Near_LoA	-3,566	-0,020	0,280
CHR4	16781975	CHR4:16781975	SSF x Near_LoA	-1,332	-0,148	0,299
CHR4	16782150	CHR4:16782150	SSF x Near_LoA	-7,866	-0,098	0,282
CHR4	16790177	CHR4:16790177	SSF x Near_LoA	-8,561	0,046	0,297
CHR4	16790212	CHR4:16790212	SSF x Near_LoA	-8,292	-0,004	0,290
CHR4	16790241	CHR4:16790241	SSF x Near_LoA	-7,354	-0,038	0,297
CHR4	16790441	CHR4:16790441	SSF x Near_LoA	-8,054	0,128	0,283
CHR4	16790463	CHR4:16790463	SSF x Near_LoA	-8,807	-0,007	0,285
CHR4	16792979	CHR4:16792979	SSF x Near_LoA	-8,614	-0,047	0,277
CHR4	16792996	CHR4:16792996	SSF x Near_LoA	-7,463	0,048	0,288
CHR4	16793005	CHR4:16793005	SSF x Near_LoA	-8,878	-0,079	0,282
CHR4	16793010	CHR4:16793010	SSF x Near_LoA	-7,547	-0,013	0,284
CHR4	16793084	CHR4:16793084	SSF x Near_LoA	-8,584	-0,083	0,274
CHR4	16793088	CHR4:16793088	SSF x Near_LoA	-5,708	-0,041	0,280
CHR4	16794381	CHR4:16794381	SSF x Near_LoA	-9,559	-0,010	0,298
CHR4	16794501	CHR4:16794501	SSF x Near_LoA	-7,767	-0,015	0,292
CHR4	16794502	CHR4:16794502	SSF x Near_LoA	-7,769	-0,097	0,276
CHR4	16794503	CHR4:16794503	SSF x Near_LoA	-9,034	-0,100	0,282
CHR4	16794540	CHR4:16794540	SSF x Near_LoA	-6,720	0,111	0,288
CHR4	16797560	CHR4:16797560	SSF x Near_LoA	-7,691	-0,051	0,292
CHR4	16797729	CHR4:16797729	SSF x Near_LoA	-5,398	0,159	0,277
CHR4	16797763	CHR4:16797763	SSF x Near_LoA	-9,895	-0,049	0,286
CHR4	16810703	CHR4:16810703	SSF x Near_LoA	-6,326	-0,143	0,277
CHR4	16810772	CHR4:16810772	SSF x Near_LoA	-2,802	0,167	0,274
CHR4	16811004	CHR4:16811004	SSF x Near_LoA	-6,227	0,134	0,295
CHR4	16811057	CHR4:16811057	SSF x Near_LoA	-6,968	-0,034	0,296
CHR4	16811103	CHR4:16811103	SSF x Near_LoA	-9,054	0,066	0,280
CHR4	16834860	CHR4:16834860	SSF x Near_LoA	-8,813	0,092	0,279
CHR4	16834903	CHR4:16834903	SSF x Near_LoA	-3,371	0,110	0,291
CHR4	16862987	CHR4:16862987	SSF x Near_LoA	-7,273	0,090	0,276
CHR4	16863023	CHR4:16863023	SSF x Near_LoA	-5,168	0,036	0,282
CHR4	16863031	CHR4:16863031	SSF x Near_LoA	-7,260	-0,004	0,285
CHR4	16863049	CHR4:16863049	SSF x Near_LoA	-9,114	0,005	0,273
CHR4	16863361	CHR4:16863361	SSF x Near_LoA	-9,216	-0,044	0,296
CHR4	1686706	CHR4:1686706	SSF x Near_LoA	-7,055	0,031	0,295
CHR4	1686740	CHR4:1686740	SSF x Near_LoA	-7,527	-0,071	0,292
CHR4	1686793	CHR4:1686793	SSF x Near_LoA	-7,668	-0,054	0,298
CHR4	1686839	CHR4:1686839	SSF x Near_LoA	-10,096	0,001	0,283
CHR4	1687012	CHR4:1687012	SSF x Near_LoA	-10,608	0,049	0,287
CHR4	16871748	CHR4:16871748	SSF x Near_LoA	-8,209	0,125	0,290
CHR4	16871797	CHR4:16871797	SSF x Near_LoA	-7,689	-0,113	0,268

CHR4	16871984	CHR4:16871984	SSF x Near_LoA	-7,968	0,080	0,295
CHR4	16873565	CHR4:16873565	SSF x Near_LoA	-4,947	-0,226	0,271
CHR4	16873618	CHR4:16873618	SSF x Near_LoA	-7,484	-0,118	0,289
CHR4	16873664	CHR4:16873664	SSF x Near_LoA	-8,698	-0,070	0,283
CHR4	16875238	CHR4:16875238	SSF x Near_LoA	-8,359	0,007	0,288
CHR4	16875245	CHR4:16875245	SSF x Near_LoA	-8,301	-0,085	0,295
CHR4	16875476	CHR4:16875476	SSF x Near_LoA	-9,292	0,050	0,298
CHR4	16875654	CHR4:16875654	SSF x Near_LoA	-8,072	0,079	0,289
CHR4	16875686	CHR4:16875686	SSF x Near_LoA	-6,170	-0,167	0,267
CHR4	16888004	CHR4:16888004	SSF x Near_LoA	-9,338	-0,021	0,291
CHR4	16902855	CHR4:16902855	SSF x Near_LoA	-8,858	0,034	0,294
CHR4	16903483	CHR4:16903483	SSF x Near_LoA	-11,012	0,034	0,266
CHR4	16928269	CHR4:16928269	SSF x Near_LoA	-8,480	-0,043	0,278
CHR4	16928320	CHR4:16928320	SSF x Near_LoA	-9,605	-0,001	0,286
CHR4	16928562	CHR4:16928562	SSF x Near_LoA	-7,030	-0,110	0,291
CHR4	16928563	CHR4:16928563	SSF x Near_LoA	-8,001	-0,017	0,278
CHR4	16964299	CHR4:16964299	SSF x Near_LoA	-8,051	-0,022	0,277
CHR4	16964302	CHR4:16964302	SSF x Near_LoA	-10,338	0,022	0,298
CHR4	16964433	CHR4:16964433	SSF x Near_LoA	-7,364	-0,160	0,282
CHR4	16970446	CHR4:16970446	SSF x Near_LoA	-7,429	-0,036	0,268
CHR4	1697114	CHR4:1697114	SSF x Near_LoA	-6,478	-0,141	0,272
CHR4	1697127	CHR4:1697127	SSF x Near_LoA	-7,172	0,042	0,291
CHR4	16974748	CHR4:16974748	SSF x Near_LoA	-7,005	0,222	0,270
CHR4	1698039	CHR4:1698039	SSF x Near_LoA	-6,864	-0,060	0,299
CHR4	1698040	CHR4:1698040	SSF x Near_LoA	-6,815	-0,083	0,300
CHR4	16989144	CHR4:16989144	SSF x Near_LoA	2,787	-0,083	0,294
CHR4	16989146	CHR4:16989146	SSF x Near_LoA	-10,111	-0,089	0,280
CHR4	16989205	CHR4:16989205	SSF x Near_LoA	-8,056	-0,071	0,292
CHR4	16991620	CHR4:16991620	SSF x Near_LoA	-6,111	0,167	0,291
CHR4	17004578	CHR4:17004578	SSF x Near_LoA	-6,265	-0,118	0,290
CHR4	17008053	CHR4:17008053	SSF x Near_LoA	-6,996	0,004	0,290
CHR4	17008056	CHR4:17008056	SSF x Near_LoA	-9,523	-0,096	0,296
CHR4	17008149	CHR4:17008149	SSF x Near_LoA	-10,048	-0,093	0,271
CHR4	17008348	CHR4:17008348	SSF x Near_LoA	-7,145	0,031	0,281
CHR4	1700935	CHR4:1700935	SSF x Near_LoA	-8,980	0,037	0,292
CHR4	17030186	CHR4:17030186	SSF x Near_LoA	-5,253	-0,126	0,287
CHR4	17030212	CHR4:17030212	SSF x Near_LoA	-8,638	0,142	0,271
CHR4	17030258	CHR4:17030258	SSF x Near_LoA	-8,731	0,083	0,277
CHR4	17030259	CHR4:17030259	SSF x Near_LoA	-9,443	0,037	0,288
CHR4	17030294	CHR4:17030294	SSF x Near_LoA	-9,079	0,093	0,275
CHR4	17030338	CHR4:17030338	SSF x Near_LoA	-7,441	-0,100	0,283
CHR4	17037082	CHR4:17037082	SSF x Near_LoA	-8,981	0,164	0,276
CHR4	1704620	CHR4:1704620	SSF x Near_LoA	-9,543	0,036	0,296
CHR4	1705777	CHR4:1705777	SSF x Near_LoA	-6,688	-0,079	0,306
CHR4	1705781	CHR4:1705781	SSF x Near_LoA	-7,944	0,029	0,278
CHR4	1705832	CHR4:1705832	SSF x Near_LoA	3,063	-0,218	0,283
CHR4	17101915	CHR4:17101915	SSF x Near_LoA	-10,167	-0,010	0,291
CHR4	17112311	CHR4:17112311	SSF x Near_LoA	-10,193	0,051	0,277
CHR4	17112367	CHR4:17112367	SSF x Near_LoA	-6,971	0,114	0,283
CHR4	17112448	CHR4:17112448	SSF x Near_LoA	-10,443	0,097	0,277
CHR4	17112712	CHR4:17112712	SSF x Near_LoA	-8,071	-0,070	0,285
CHR4	17112720	CHR4:17112720	SSF x Near_LoA	-7,158	-0,129	0,289
CHR4	17112733	CHR4:17112733	SSF x Near_LoA	-6,196	0,078	0,276

CHR4	17115597	CHR4:17115597	SSF x Near_LoA	-9,421	-0,089	0,288
CHR4	17115610	CHR4:17115610	SSF x Near_LoA	-9,095	-0,033	0,286
CHR4	17115642	CHR4:17115642	SSF x Near_LoA	-5,583	0,138	0,260
CHR4	17115753	CHR4:17115753	SSF x Near_LoA	-5,689	0,004	0,287
CHR4	17116328	CHR4:17116328	SSF x Near_LoA	-8,391	-0,021	0,285
CHR4	17124880	CHR4:17124880	SSF x Near_LoA	-8,690	-0,064	0,277
CHR4	17124918	CHR4:17124918	SSF x Near_LoA	-6,772	-0,129	0,279
CHR4	17125016	CHR4:17125016	SSF x Near_LoA	-10,251	-0,011	0,298
CHR4	17125244	CHR4:17125244	SSF x Near_LoA	-9,750	0,083	0,283
CHR4	17127141	CHR4:17127141	SSF x Near_LoA	-9,101	-0,062	0,293
CHR4	17127154	CHR4:17127154	SSF x Near_LoA	-7,733	-0,095	0,286
CHR4	17127220	CHR4:17127220	SSF x Near_LoA	-7,602	-0,003	0,270
CHR4	17127221	CHR4:17127221	SSF x Near_LoA	-9,550	0,001	0,297
CHR4	17127250	CHR4:17127250	SSF x Near_LoA	-5,835	0,174	0,270
CHR4	17130323	CHR4:17130323	SSF x Near_LoA	-7,125	-0,123	0,288
CHR4	17146855	CHR4:17146855	SSF x Near_LoA	-7,403	-0,092	0,295
CHR4	17155919	CHR4:17155919	SSF x Near_LoA	-5,038	-0,090	0,291
CHR4	17155979	CHR4:17155979	SSF x Near_LoA	-5,957	0,119	0,291
CHR4	17156051	CHR4:17156051	SSF x Near_LoA	-6,623	0,039	0,297
CHR4	17156069	CHR4:17156069	SSF x Near_LoA	4,280	0,149	0,279
CHR4	17156117	CHR4:17156117	SSF x Near_LoA	-5,708	-0,085	0,280
CHR4	17156206	CHR4:17156206	SSF x Near_LoA	-11,034	-0,017	0,280
CHR4	17168864	CHR4:17168864	SSF x Near_LoA	-7,725	-0,019	0,296
CHR4	17168934	CHR4:17168934	SSF x Near_LoA	-6,869	0,021	0,292
CHR4	17168945	CHR4:17168945	SSF x Near_LoA	-2,857	-0,230	0,264
CHR4	17169035	CHR4:17169035	SSF x Near_LoA	-5,881	0,166	0,277
CHR4	17169050	CHR4:17169050	SSF x Near_LoA	-3,206	0,162	0,266
CHR4	17190261	CHR4:17190261	SSF x Near_LoA	-4,053	0,140	0,272
CHR4	17228562	CHR4:17228562	SSF x Near_LoA	-6,637	0,000	0,288
CHR4	17228608	CHR4:17228608	SSF x Near_LoA	-10,068	0,038	0,296
CHR4	17228675	CHR4:17228675	SSF x Near_LoA	-8,208	-0,039	0,281
CHR4	17228731	CHR4:17228731	SSF x Near_LoA	-6,585	0,170	0,280
CHR4	17228752	CHR4:17228752	SSF x Near_LoA	-7,777	-0,007	0,283
CHR4	17246431	CHR4:17246431	SSF x Near_LoA	-7,802	0,075	0,287
CHR4	17268035	CHR4:17268035	SSF x Near_LoA	-7,492	-0,052	0,294
CHR4	17268070	CHR4:17268070	SSF x Near_LoA	-9,229	-0,115	0,285
CHR4	17268152	CHR4:17268152	SSF x Near_LoA	-8,276	0,037	0,286
CHR4	17268178	CHR4:17268178	SSF x Near_LoA	-7,620	0,016	0,287
CHR4	17268223	CHR4:17268223	SSF x Near_LoA	-7,623	-0,091	0,275
CHR4	17268289	CHR4:17268289	SSF x Near_LoA	-7,768	0,044	0,293
CHR4	17268298	CHR4:17268298	SSF x Near_LoA	-7,057	0,016	0,292
CHR4	17271684	CHR4:17271684	SSF x Near_LoA	-8,101	0,113	0,288
CHR4	17271923	CHR4:17271923	SSF x Near_LoA	-7,450	-0,071	0,284
CHR4	17271990	CHR4:17271990	SSF x Near_LoA	-4,827	0,210	0,266
CHR4	17271991	CHR4:17271991	SSF x Near_LoA	-2,196	0,187	0,278
CHR4	17271994	CHR4:17271994	SSF x Near_LoA	-7,182	-0,063	0,299
CHR4	17272042	CHR4:17272042	SSF x Near_LoA	-7,783	-0,175	0,275
CHR4	17320332	CHR4:17320332	SSF x Near_LoA	-7,811	0,092	0,287
CHR4	17339518	CHR4:17339518	SSF x Near_LoA	-9,022	0,032	0,289
CHR4	17339539	CHR4:17339539	SSF x Near_LoA	-7,197	0,122	0,294
CHR4	17339711	CHR4:17339711	SSF x Near_LoA	-6,397	0,103	0,283
CHR4	17339722	CHR4:17339722	SSF x Near_LoA	-8,069	-0,080	0,284
CHR4	17339732	CHR4:17339732	SSF x Near_LoA	-9,716	0,005	0,300

CHR4	17339762	CHR4:17339762	SSF x Near_LoA	-5,367	0,140	0,273
CHR4	17339810	CHR4:17339810	SSF x Near_LoA	-9,443	-0,016	0,274
CHR4	17350818	CHR4:17350818	SSF x Near_LoA	-7,202	0,052	0,286
CHR4	17350971	CHR4:17350971	SSF x Near_LoA	-9,204	-0,029	0,286
CHR4	17375335	CHR4:17375335	SSF x Near_LoA	-9,915	0,076	0,280
CHR4	17410332	CHR4:17410332	SSF x Near_LoA	-8,977	0,085	0,287
CHR4	17410368	CHR4:17410368	SSF x Near_LoA	-6,107	0,061	0,287
CHR4	17410539	CHR4:17410539	SSF x Near_LoA	-6,081	0,081	0,299
CHR4	17410598	CHR4:17410598	SSF x Near_LoA	-5,056	-0,119	0,288
CHR4	17429659	CHR4:17429659	SSF x Near_LoA	-8,873	0,054	0,286
CHR4	17429710	CHR4:17429710	SSF x Near_LoA	-9,132	-0,115	0,273
CHR4	17435587	CHR4:17435587	SSF x Near_LoA	-5,680	0,170	0,276
CHR4	17435601	CHR4:17435601	SSF x Near_LoA	-6,431	0,176	0,287
CHR4	17435793	CHR4:17435793	SSF x Near_LoA	-3,170	-0,189	0,274
CHR4	17435820	CHR4:17435820	SSF x Near_LoA	-7,911	0,016	0,281
CHR4	17441901	CHR4:17441901	SSF x Near_LoA	-5,868	-0,110	0,280
CHR4	17441995	CHR4:17441995	SSF x Near_LoA	-8,490	0,118	0,273
CHR4	17442055	CHR4:17442055	SSF x Near_LoA	-8,249	-0,113	0,272
CHR4	17442057	CHR4:17442057	SSF x Near_LoA	-6,285	-0,052	0,299
CHR4	17442104	CHR4:17442104	SSF x Near_LoA	-8,122	0,161	0,301
CHR4	17442113	CHR4:17442113	SSF x Near_LoA	-5,530	-0,103	0,288
CHR4	17442123	CHR4:17442123	SSF x Near_LoA	-9,033	0,051	0,290
CHR4	17444666	CHR4:17444666	SSF x Near_LoA	-7,906	0,000	0,287
CHR4	17485973	CHR4:17485973	SSF x Near_LoA	-4,668	-0,136	0,262
CHR4	17486025	CHR4:17486025	SSF x Near_LoA	-9,215	-0,128	0,280
CHR4	17486032	CHR4:17486032	SSF x Near_LoA	-8,488	-0,052	0,275
CHR4	17486113	CHR4:17486113	SSF x Near_LoA	-7,970	0,113	0,285
CHR4	17486198	CHR4:17486198	SSF x Near_LoA	-6,595	-0,152	0,273
CHR4	17486293	CHR4:17486293	SSF x Near_LoA	-8,325	-0,039	0,285
CHR4	17486347	CHR4:17486347	SSF x Near_LoA	-2,705	-0,216	0,277
CHR4	17486352	CHR4:17486352	SSF x Near_LoA	-3,896	0,217	0,264
CHR4	17486356	CHR4:17486356	SSF x Near_LoA	-5,442	-0,192	0,272
CHR4	17486466	CHR4:17486466	SSF x Near_LoA	-7,670	-0,047	0,293
CHR4	17556157	CHR4:17556157	SSF x Near_LoA	-9,646	-0,129	0,286
CHR4	17563217	CHR4:17563217	SSF x Near_LoA	-9,623	0,087	0,279
CHR4	17565880	CHR4:17565880	SSF x Near_LoA	-4,438	0,167	0,273
CHR4	17565923	CHR4:17565923	SSF x Near_LoA	-8,199	0,102	0,282
CHR4	17606173	CHR4:17606173	SSF x Near_LoA	-9,622	0,063	0,306
CHR4	17616103	CHR4:17616103	SSF x Near_LoA	-9,874	-0,042	0,293
CHR4	176213	CHR4:176213	SSF x Near_LoA	-5,576	0,144	0,266
CHR4	17623725	CHR4:17623725	SSF x Near_LoA	-4,516	-0,225	0,289
CHR4	17623774	CHR4:17623774	SSF x Near_LoA	-6,145	-0,026	0,287
CHR4	17623828	CHR4:17623828	SSF x Near_LoA	-8,166	-0,037	0,294
CHR4	17623898	CHR4:17623898	SSF x Near_LoA	-9,770	0,044	0,282
CHR4	17633482	CHR4:17633482	SSF x Near_LoA	-8,608	-0,075	0,284
CHR4	17639372	CHR4:17639372	SSF x Near_LoA	-7,073	0,037	0,300
CHR4	176546	CHR4:176546	SSF x Near_LoA	-7,714	-0,025	0,301
CHR4	17676677	CHR4:17676677	SSF x Near_LoA	-5,842	-0,114	0,293
CHR4	1768564	CHR4:1768564	SSF x Near_LoA	-7,988	0,006	0,296
CHR4	17697478	CHR4:17697478	SSF x Near_LoA	-8,847	0,006	0,291
CHR4	17720220	CHR4:17720220	SSF x Near_LoA	-10,538	-0,028	0,286
CHR4	17733371	CHR4:17733371	SSF x Near_LoA	-5,363	0,167	0,290
CHR4	17733681	CHR4:17733681	SSF x Near_LoA	-8,210	0,013	0,268

CHR4	17739528	CHR4:17739528	SSF x Near_LoA	-5,968	-0,159	0,288
CHR4	17739545	CHR4:17739545	SSF x Near_LoA	-9,280	0,112	0,289
CHR4	17739599	CHR4:17739599	SSF x Near_LoA	-9,924	0,024	0,290
CHR4	17766679	CHR4:17766679	SSF x Near_LoA	-8,732	-0,048	0,297
CHR4	17766723	CHR4:17766723	SSF x Near_LoA	-3,206	0,089	0,304
CHR4	17788418	CHR4:17788418	SSF x Near_LoA	-6,623	-0,124	0,289
CHR4	17804043	CHR4:17804043	SSF x Near_LoA	-8,215	0,041	0,284
CHR4	17819192	CHR4:17819192	SSF x Near_LoA	-3,964	0,052	0,297
CHR4	17819342	CHR4:17819342	SSF x Near_LoA	-10,963	0,006	0,295
CHR4	17841781	CHR4:17841781	SSF x Near_LoA	-9,030	0,020	0,283
CHR4	17891985	CHR4:17891985	SSF x Near_LoA	-9,380	0,088	0,282
CHR4	17892055	CHR4:17892055	SSF x Near_LoA	-8,056	0,096	0,278
CHR4	17892128	CHR4:17892128	SSF x Near_LoA	-7,923	0,052	0,272
CHR4	17904471	CHR4:17904471	SSF x Near_LoA	-7,210	-0,107	0,291
CHR4	17909959	CHR4:17909959	SSF x Near_LoA	-6,798	-0,174	0,281
CHR4	17957611	CHR4:17957611	SSF x Near_LoA	-8,412	0,050	0,281
CHR4	17957755	CHR4:17957755	SSF x Near_LoA	-7,213	0,136	0,292
CHR4	17957833	CHR4:17957833	SSF x Near_LoA	-8,732	-0,061	0,287
CHR4	17965942	CHR4:17965942	SSF x Near_LoA	-6,777	0,111	0,264
CHR4	17968119	CHR4:17968119	SSF x Near_LoA	-6,481	-0,079	0,287
CHR4	17968438	CHR4:17968438	SSF x Near_LoA	-4,942	0,097	0,282
CHR4	17984594	CHR4:17984594	SSF x Near_LoA	-8,255	0,056	0,286
CHR4	17987169	CHR4:17987169	SSF x Near_LoA	-0,233	0,164	0,291
CHR4	17987185	CHR4:17987185	SSF x Near_LoA	-10,182	-0,060	0,287
CHR4	18000185	CHR4:18000185	SSF x Near_LoA	-9,157	-0,014	0,273
CHR4	18000265	CHR4:18000265	SSF x Near_LoA	-9,358	0,149	0,280
CHR4	18000363	CHR4:18000363	SSF x Near_LoA	-7,483	0,153	0,279
CHR4	18008794	CHR4:18008794	SSF x Near_LoA	-7,016	0,085	0,299
CHR4	18008900	CHR4:18008900	SSF x Near_LoA	-6,755	0,092	0,293
CHR4	18023786	CHR4:18023786	SSF x Near_LoA	-7,391	-0,004	0,299
CHR4	18024043	CHR4:18024043	SSF x Near_LoA	-1,901	0,097	0,287
CHR4	18024153	CHR4:18024153	SSF x Near_LoA	-7,165	0,058	0,297
CHR4	18030946	CHR4:18030946	SSF x Near_LoA	-8,732	-0,098	0,292
CHR4	18031101	CHR4:18031101	SSF x Near_LoA	-7,686	-0,053	0,274
CHR4	18047638	CHR4:18047638	SSF x Near_LoA	-8,276	-0,101	0,287
CHR4	18047639	CHR4:18047639	SSF x Near_LoA	-8,140	-0,056	0,282
CHR4	18047672	CHR4:18047672	SSF x Near_LoA	-9,354	-0,041	0,293
CHR4	18047687	CHR4:18047687	SSF x Near_LoA	-6,559	0,174	0,272
CHR4	18047727	CHR4:18047727	SSF x Near_LoA	-7,036	0,075	0,276
CHR4	18078985	CHR4:18078985	SSF x Near_LoA	-9,608	-0,053	0,274
CHR4	18079025	CHR4:18079025	SSF x Near_LoA	-9,457	-0,039	0,291
CHR4	18086658	CHR4:18086658	SSF x Near_LoA	-9,615	-0,008	0,278
CHR4	181140	CHR4:181140	SSF x Near_LoA	-8,128	0,055	0,298
CHR4	18124101	CHR4:18124101	SSF x Near_LoA	-6,800	0,082	0,271
CHR4	181346	CHR4:181346	SSF x Near_LoA	-5,566	-0,035	0,284
CHR4	181348	CHR4:181348	SSF x Near_LoA	-6,057	0,008	0,283
CHR4	18137859	CHR4:18137859	SSF x Near_LoA	-10,157	-0,048	0,284
CHR4	18269856	CHR4:18269856	SSF x Near_LoA	-7,345	0,151	0,283
CHR4	18274694	CHR4:18274694	SSF x Near_LoA	-7,631	0,104	0,288
CHR4	18277207	CHR4:18277207	SSF x Near_LoA	-5,840	0,129	0,286
CHR4	18277291	CHR4:18277291	SSF x Near_LoA	-3,869	-0,041	0,296
CHR4	18277398	CHR4:18277398	SSF x Near_LoA	-6,509	0,098	0,282
CHR4	18285311	CHR4:18285311	SSF x Near_LoA	-7,839	-0,026	0,289

CHR4	18285359	CHR4:18285359	SSF x Near_LoA	-8,117	0,075	0,293
CHR4	18285366	CHR4:18285366	SSF x Near_LoA	-6,842	-0,100	0,289
CHR4	18285533	CHR4:18285533	SSF x Near_LoA	-7,339	0,044	0,290
CHR4	18287930	CHR4:18287930	SSF x Near_LoA	-9,620	-0,121	0,286
CHR4	18307063	CHR4:18307063	SSF x Near_LoA	-6,042	0,190	0,273
CHR4	18318199	CHR4:18318199	SSF x Near_LoA	-8,641	0,103	0,262
CHR4	18338781	CHR4:18338781	SSF x Near_LoA	-7,181	0,072	0,279
CHR4	18411303	CHR4:18411303	SSF x Near_LoA	-8,350	0,033	0,279
CHR4	18411483	CHR4:18411483	SSF x Near_LoA	2,688	-0,117	0,286
CHR4	18411519	CHR4:18411519	SSF x Near_LoA	-6,835	-0,003	0,298
CHR4	18468167	CHR4:18468167	SSF x Near_LoA	-3,597	0,029	0,280
CHR4	18468221	CHR4:18468221	SSF x Near_LoA	-6,663	-0,056	0,280
CHR4	18468317	CHR4:18468317	SSF x Near_LoA	-7,312	-0,080	0,283
CHR4	18478057	CHR4:18478057	SSF x Near_LoA	-8,136	0,003	0,288
CHR4	18507154	CHR4:18507154	SSF x Near_LoA	-9,587	-0,042	0,292
CHR4	18510278	CHR4:18510278	SSF x Near_LoA	-8,470	-0,127	0,278
CHR4	18511869	CHR4:18511869	SSF x Near_LoA	-10,009	-0,001	0,282
CHR4	18517302	CHR4:18517302	SSF x Near_LoA	-9,190	-0,115	0,276
CHR4	18517307	CHR4:18517307	SSF x Near_LoA	-8,562	-0,020	0,283
CHR4	18517564	CHR4:18517564	SSF x Near_LoA	-8,544	0,095	0,285
CHR4	1868971	CHR4:1868971	SSF x Near_LoA	-5,815	-0,023	0,295
CHR4	1869290	CHR4:1869290	SSF x Near_LoA	-7,275	0,022	0,306
CHR4	193007	CHR4:193007	SSF x Near_LoA	-6,683	0,033	0,280
CHR4	193063	CHR4:193063	SSF x Near_LoA	-8,204	0,021	0,289
CHR4	193285	CHR4:193285	SSF x Near_LoA	-8,329	-0,040	0,289
CHR4	193308	CHR4:193308	SSF x Near_LoA	-8,737	0,055	0,280
CHR4	195691	CHR4:195691	SSF x Near_LoA	-8,543	-0,078	0,285
CHR4	195773	CHR4:195773	SSF x Near_LoA	-6,492	-0,137	0,289
CHR4	197742	CHR4:197742	SSF x Near_LoA	-8,954	0,096	0,286
CHR4	212503	CHR4:212503	SSF x Near_LoA	-2,436	-0,163	0,298
CHR4	2160824	CHR4:2160824	SSF x Near_LoA	-8,045	0,069	0,288
CHR4	2317245	CHR4:2317245	SSF x Near_LoA	-6,537	-0,006	0,302
CHR4	2327338	CHR4:2327338	SSF x Near_LoA	-5,555	0,030	0,301
CHR4	2328168	CHR4:2328168	SSF x Near_LoA	-6,318	-0,038	0,301
CHR4	2422316	CHR4:2422316	SSF x Near_LoA	-7,382	0,007	0,309
CHR4	2612976	CHR4:2612976	SSF x Near_LoA	-7,511	-0,026	0,305
CHR4	272774	CHR4:272774	SSF x Near_LoA	-10,358	0,026	0,287
CHR4	272887	CHR4:272887	SSF x Near_LoA	-7,693	0,061	0,278
CHR4	273066	CHR4:273066	SSF x Near_LoA	-7,270	-0,031	0,268
CHR4	282675	CHR4:282675	SSF x Near_LoA	-9,807	0,086	0,286
CHR4	2859824	CHR4:2859824	SSF x Near_LoA	-4,863	0,196	0,269
CHR4	2862671	CHR4:2862671	SSF x Near_LoA	-8,973	0,090	0,290
CHR4	2916179	CHR4:2916179	SSF x Near_LoA	-8,659	0,002	0,289
CHR4	295966	CHR4:295966	SSF x Near_LoA	-8,817	-0,011	0,294
CHR4	295989	CHR4:295989	SSF x Near_LoA	-7,141	0,001	0,282
CHR4	303149	CHR4:303149	SSF x Near_LoA	-9,793	-0,048	0,288
CHR4	306586	CHR4:306586	SSF x Near_LoA	-6,428	0,098	0,290
CHR4	306602	CHR4:306602	SSF x Near_LoA	-9,057	0,023	0,284
CHR4	306603	CHR4:306603	SSF x Near_LoA	-9,170	-0,001	0,268
CHR4	3226620	CHR4:3226620	SSF x Near_LoA	-7,898	-0,023	0,291
CHR4	3238956	CHR4:3238956	SSF x Near_LoA	-8,067	0,069	0,276
CHR4	3239036	CHR4:3239036	SSF x Near_LoA	-8,379	0,068	0,284
CHR4	3239115	CHR4:3239115	SSF x Near_LoA	-5,570	-0,094	0,299

CHR4	3239302	CHR4:3239302	SSF x Near_LoA	-6,913	0,062	0,293
CHR4	324664	CHR4:324664	SSF x Near_LoA	-8,639	-0,002	0,289
CHR4	3261786	CHR4:3261786	SSF x Near_LoA	-9,284	-0,058	0,286
CHR4	3261791	CHR4:3261791	SSF x Near_LoA	-10,130	0,078	0,288
CHR4	3267005	CHR4:3267005	SSF x Near_LoA	-8,829	0,075	0,289
CHR4	3267058	CHR4:3267058	SSF x Near_LoA	-5,085	-0,117	0,276
CHR4	3346433	CHR4:3346433	SSF x Near_LoA	-7,663	-0,055	0,285
CHR4	3351797	CHR4:3351797	SSF x Near_LoA	-7,766	0,017	0,289
CHR4	3351849	CHR4:3351849	SSF x Near_LoA	-7,538	0,088	0,271
CHR4	3359523	CHR4:3359523	SSF x Near_LoA	-5,023	-0,203	0,272
CHR4	3359544	CHR4:3359544	SSF x Near_LoA	-5,404	0,108	0,289
CHR4	3361468	CHR4:3361468	SSF x Near_LoA	-8,959	0,129	0,260
CHR4	3404343	CHR4:3404343	SSF x Near_LoA	-5,701	0,208	0,265
CHR4	3424867	CHR4:3424867	SSF x Near_LoA	-11,395	-0,025	0,284
CHR4	3444805	CHR4:3444805	SSF x Near_LoA	-9,270	0,072	0,293
CHR4	3449730	CHR4:3449730	SSF x Near_LoA	-8,889	0,046	0,282
CHR4	3462584	CHR4:3462584	SSF x Near_LoA	-7,785	0,096	0,289
CHR4	3470364	CHR4:3470364	SSF x Near_LoA	-5,461	0,144	0,284
CHR4	3470376	CHR4:3470376	SSF x Near_LoA	-9,284	0,016	0,281
CHR4	3470563	CHR4:3470563	SSF x Near_LoA	-8,878	0,038	0,290
CHR4	3479321	CHR4:3479321	SSF x Near_LoA	-6,919	-0,090	0,285
CHR4	3479694	CHR4:3479694	SSF x Near_LoA	-7,400	0,059	0,276
CHR4	3482721	CHR4:3482721	SSF x Near_LoA	-8,295	0,102	0,276
CHR4	3495379	CHR4:3495379	SSF x Near_LoA	-7,777	-0,034	0,263
CHR4	3504236	CHR4:3504236	SSF x Near_LoA	-7,970	-0,119	0,271
CHR4	3504296	CHR4:3504296	SSF x Near_LoA	-7,786	-0,179	0,273
CHR4	3504426	CHR4:3504426	SSF x Near_LoA	-9,191	0,062	0,282
CHR4	3504470	CHR4:3504470	SSF x Near_LoA	-7,234	-0,016	0,291
CHR4	352242	CHR4:352242	SSF x Near_LoA	-7,514	-0,008	0,284
CHR4	3529568	CHR4:3529568	SSF x Near_LoA	-7,855	0,051	0,297
CHR4	3531315	CHR4:3531315	SSF x Near_LoA	-10,219	0,041	0,273
CHR4	3555046	CHR4:3555046	SSF x Near_LoA	-8,782	-0,039	0,286
CHR4	357525	CHR4:357525	SSF x Near_LoA	-6,005	0,156	0,279
CHR4	357616	CHR4:357616	SSF x Near_LoA	-10,323	0,028	0,274
CHR4	357899	CHR4:357899	SSF x Near_LoA	-7,138	0,043	0,271
CHR4	3653095	CHR4:3653095	SSF x Near_LoA	-8,464	-0,043	0,285
CHR4	3653108	CHR4:3653108	SSF x Near_LoA	-7,949	-0,075	0,280
CHR4	3653113	CHR4:3653113	SSF x Near_LoA	-8,217	-0,024	0,286
CHR4	3745852	CHR4:3745852	SSF x Near_LoA	-7,766	-0,056	0,298
CHR4	376024	CHR4:376024	SSF x Near_LoA	-7,014	-0,072	0,296
CHR4	376301	CHR4:376301	SSF x Near_LoA	-8,727	0,089	0,274
CHR4	3781479	CHR4:3781479	SSF x Near_LoA	-6,860	-0,068	0,293
CHR4	3794967	CHR4:3794967	SSF x Near_LoA	-10,514	-0,057	0,286
CHR4	3795003	CHR4:3795003	SSF x Near_LoA	-9,956	-0,055	0,287
CHR4	380350	CHR4:380350	SSF x Near_LoA	-8,905	0,081	0,295
CHR4	380405	CHR4:380405	SSF x Near_LoA	-6,730	-0,177	0,288
CHR4	380440	CHR4:380440	SSF x Near_LoA	2,510	-0,235	0,267
CHR4	380702	CHR4:380702	SSF x Near_LoA	-3,696	0,204	0,268
CHR4	3813375	CHR4:3813375	SSF x Near_LoA	-8,485	-0,061	0,295
CHR4	3813615	CHR4:3813615	SSF x Near_LoA	-9,709	0,000	0,289
CHR4	408484	CHR4:408484	SSF x Near_LoA	-11,085	-0,008	0,282
CHR4	408611	CHR4:408611	SSF x Near_LoA	-9,671	-0,089	0,282
CHR4	428080	CHR4:428080	SSF x Near_LoA	-9,255	-0,125	0,282

CHR4	428148	CHR4:428148	SSF x Near_LoA	4,049	0,116	0,300
CHR4	429379	CHR4:429379	SSF x Near_LoA	-3,353	-0,228	0,264
CHR4	429465	CHR4:429465	SSF x Near_LoA	-8,953	-0,035	0,297
CHR4	429475	CHR4:429475	SSF x Near_LoA	-9,541	-0,016	0,289
CHR4	429631	CHR4:429631	SSF x Near_LoA	-7,151	0,009	0,291
CHR4	429634	CHR4:429634	SSF x Near_LoA	-9,298	-0,033	0,283
CHR4	429706	CHR4:429706	SSF x Near_LoA	-8,564	0,115	0,281
CHR4	448807	CHR4:448807	SSF x Near_LoA	-6,754	-0,104	0,293
CHR4	448817	CHR4:448817	SSF x Near_LoA	-3,783	0,196	0,279
CHR4	461324	CHR4:461324	SSF x Near_LoA	-8,441	-0,037	0,283
CHR4	461477	CHR4:461477	SSF x Near_LoA	-8,680	-0,094	0,278
CHR4	461517	CHR4:461517	SSF x Near_LoA	-0,883	-0,178	0,285
CHR4	475808	CHR4:475808	SSF x Near_LoA	-4,999	0,067	0,284
CHR4	482908	CHR4:482908	SSF x Near_LoA	-8,440	-0,058	0,274
CHR4	482952	CHR4:482952	SSF x Near_LoA	-9,470	0,008	0,295
CHR4	483016	CHR4:483016	SSF x Near_LoA	-8,763	-0,023	0,278
CHR4	483052	CHR4:483052	SSF x Near_LoA	-7,005	0,157	0,286
CHR4	483129	CHR4:483129	SSF x Near_LoA	-8,343	0,002	0,276
CHR4	483177	CHR4:483177	SSF x Near_LoA	-7,254	-0,053	0,287
CHR4	487428	CHR4:487428	SSF x Near_LoA	-3,791	-0,235	0,267
CHR4	487438	CHR4:487438	SSF x Near_LoA	-6,541	-0,186	0,279
CHR4	487696	CHR4:487696	SSF x Near_LoA	-7,453	-0,109	0,263
CHR4	487714	CHR4:487714	SSF x Near_LoA	-5,899	-0,037	0,291
CHR4	487716	CHR4:487716	SSF x Near_LoA	-9,428	0,003	0,271
CHR4	487739	CHR4:487739	SSF x Near_LoA	-8,719	0,117	0,284
CHR4	516830	CHR4:516830	SSF x Near_LoA	-9,999	-0,021	0,288
CHR4	545287	CHR4:545287	SSF x Near_LoA	-6,686	0,086	0,294
CHR4	545332	CHR4:545332	SSF x Near_LoA	-8,518	-0,108	0,276
CHR4	545374	CHR4:545374	SSF x Near_LoA	-6,959	-0,016	0,298
CHR4	55705	CHR4:55705	SSF x Near_LoA	-6,246	-0,161	0,266
CHR4	560551	CHR4:560551	SSF x Near_LoA	-9,158	-0,060	0,278
CHR4	562085	CHR4:562085	SSF x Near_LoA	-8,121	0,030	0,288
CHR4	562161	CHR4:562161	SSF x Near_LoA	-5,017	0,051	0,288
CHR4	562294	CHR4:562294	SSF x Near_LoA	-8,865	0,061	0,286
CHR4	5759574	CHR4:5759574	SSF x Near_LoA	-7,289	-0,031	0,278
CHR4	576621	CHR4:576621	SSF x Near_LoA	-10,207	-0,064	0,274
CHR4	577741	CHR4:577741	SSF x Near_LoA	3,986	-0,272	0,264
CHR4	5778543	CHR4:5778543	SSF x Near_LoA	-9,641	-0,033	0,290
CHR4	5795464	CHR4:5795464	SSF x Near_LoA	-7,530	-0,059	0,283
CHR4	5795551	CHR4:5795551	SSF x Near_LoA	-7,122	0,069	0,297
CHR4	5803119	CHR4:5803119	SSF x Near_LoA	-8,494	-0,057	0,278
CHR4	5817379	CHR4:5817379	SSF x Near_LoA	-8,327	-0,162	0,289
CHR4	58353	CHR4:58353	SSF x Near_LoA	-9,902	-0,037	0,287
CHR4	585073	CHR4:585073	SSF x Near_LoA	-9,070	0,076	0,277
CHR4	585090	CHR4:585090	SSF x Near_LoA	-7,383	-0,039	0,280
CHR4	5921963	CHR4:5921963	SSF x Near_LoA	-8,646	0,067	0,275
CHR4	5927726	CHR4:5927726	SSF x Near_LoA	-9,289	0,022	0,281
CHR4	5927923	CHR4:5927923	SSF x Near_LoA	-7,654	-0,030	0,291
CHR4	5953571	CHR4:5953571	SSF x Near_LoA	-8,376	-0,010	0,289
CHR4	595562	CHR4:595562	SSF x Near_LoA	-2,664	-0,231	0,267
CHR4	596033	CHR4:596033	SSF x Near_LoA	-10,648	0,013	0,291
CHR4	596192	CHR4:596192	SSF x Near_LoA	-5,873	0,184	0,274
CHR4	60038	CHR4:60038	SSF x Near_LoA	-7,950	-0,134	0,283

CHR4	60087	CHR4:60087	SSF x Near_LoA	-6,133	-0,052	0,284
CHR4	6009734	CHR4:6009734	SSF x Near_LoA	-4,339	0,185	0,284
CHR4	6009750	CHR4:6009750	SSF x Near_LoA	-10,428	-0,041	0,289
CHR4	6023975	CHR4:6023975	SSF x Near_LoA	-9,097	-0,068	0,276
CHR4	6055744	CHR4:6055744	SSF x Near_LoA	-9,379	0,025	0,300
CHR4	607407	CHR4:607407	SSF x Near_LoA	-9,181	0,004	0,290
CHR4	607422	CHR4:607422	SSF x Near_LoA	-7,884	0,036	0,289
CHR4	607428	CHR4:607428	SSF x Near_LoA	-9,057	0,047	0,283
CHR4	6084122	CHR4:6084122	SSF x Near_LoA	-9,836	-0,022	0,283
CHR4	6095317	CHR4:6095317	SSF x Near_LoA	-7,663	-0,007	0,277
CHR4	6095344	CHR4:6095344	SSF x Near_LoA	-3,351	-0,221	0,280
CHR4	6104532	CHR4:6104532	SSF x Near_LoA	-7,152	-0,092	0,301
CHR4	6104533	CHR4:6104533	SSF x Near_LoA	-7,015	-0,142	0,281
CHR4	611938	CHR4:611938	SSF x Near_LoA	-8,269	-0,006	0,278
CHR4	612082	CHR4:612082	SSF x Near_LoA	-6,701	0,005	0,290
CHR4	613396	CHR4:613396	SSF x Near_LoA	-10,973	-0,003	0,292
CHR4	6135301	CHR4:6135301	SSF x Near_LoA	-8,152	0,033	0,298
CHR4	6143464	CHR4:6143464	SSF x Near_LoA	-9,231	0,010	0,276
CHR4	6145417	CHR4:6145417	SSF x Near_LoA	-7,743	0,049	0,282
CHR4	615609	CHR4:615609	SSF x Near_LoA	-9,844	0,043	0,287
CHR4	6161399	CHR4:6161399	SSF x Near_LoA	-10,393	-0,005	0,283
CHR4	6161449	CHR4:6161449	SSF x Near_LoA	-7,753	0,116	0,265
CHR4	6161519	CHR4:6161519	SSF x Near_LoA	-9,387	0,000	0,286
CHR4	6169404	CHR4:6169404	SSF x Near_LoA	-2,950	0,009	0,284
CHR4	6169408	CHR4:6169408	SSF x Near_LoA	-9,463	-0,100	0,268
CHR4	617349	CHR4:617349	SSF x Near_LoA	-8,047	0,126	0,288
CHR4	617363	CHR4:617363	SSF x Near_LoA	-8,479	-0,081	0,284
CHR4	617653	CHR4:617653	SSF x Near_LoA	-4,534	0,089	0,299
CHR4	6180375	CHR4:6180375	SSF x Near_LoA	-4,178	0,210	0,270
CHR4	6180414	CHR4:6180414	SSF x Near_LoA	-8,201	0,093	0,287
CHR4	6181093	CHR4:6181093	SSF x Near_LoA	-9,539	-0,005	0,288
CHR4	6181101	CHR4:6181101	SSF x Near_LoA	-8,839	0,052	0,275
CHR4	6191246	CHR4:6191246	SSF x Near_LoA	-8,971	0,002	0,281
CHR4	6207136	CHR4:6207136	SSF x Near_LoA	-8,934	-0,083	0,288
CHR4	624189	CHR4:624189	SSF x Near_LoA	-8,295	0,031	0,289
CHR4	6281753	CHR4:6281753	SSF x Near_LoA	-9,789	-0,086	0,296
CHR4	6281769	CHR4:6281769	SSF x Near_LoA	-8,754	-0,108	0,285
CHR4	6281886	CHR4:6281886	SSF x Near_LoA	-7,641	-0,064	0,296
CHR4	6281910	CHR4:6281910	SSF x Near_LoA	-6,536	0,203	0,277
CHR4	6281911	CHR4:6281911	SSF x Near_LoA	-8,232	-0,066	0,290
CHR4	6281912	CHR4:6281912	SSF x Near_LoA	-8,859	-0,023	0,293
CHR4	6300353	CHR4:6300353	SSF x Near_LoA	-1,557	-0,128	0,293
CHR4	6308102	CHR4:6308102	SSF x Near_LoA	4,147	0,165	0,281
CHR4	6308112	CHR4:6308112	SSF x Near_LoA	-10,895	0,015	0,282
CHR4	6308297	CHR4:6308297	SSF x Near_LoA	-5,736	-0,146	0,288
CHR4	6311062	CHR4:6311062	SSF x Near_LoA	-8,605	-0,038	0,285
CHR4	6321805	CHR4:6321805	SSF x Near_LoA	-6,004	0,064	0,298
CHR4	6335611	CHR4:6335611	SSF x Near_LoA	-8,838	-0,064	0,282
CHR4	6335824	CHR4:6335824	SSF x Near_LoA	-7,261	0,044	0,276
CHR4	6335851	CHR4:6335851	SSF x Near_LoA	-8,997	-0,060	0,286
CHR4	6339379	CHR4:6339379	SSF x Near_LoA	-6,830	0,128	0,294
CHR4	6339397	CHR4:6339397	SSF x Near_LoA	-8,180	0,039	0,285
CHR4	6343287	CHR4:6343287	SSF x Near_LoA	-7,813	0,038	0,288

CHR4	6346180	CHR4:6346180	SSF x Near_LoA	-4,107	-0,011	0,294
CHR4	6346196	CHR4:6346196	SSF x Near_LoA	-9,228	0,018	0,280
CHR4	6351766	CHR4:6351766	SSF x Near_LoA	-7,104	-0,075	0,290
CHR4	6358248	CHR4:6358248	SSF x Near_LoA	-7,875	-0,019	0,289
CHR4	6358354	CHR4:6358354	SSF x Near_LoA	-9,035	0,037	0,288
CHR4	6365656	CHR4:6365656	SSF x Near_LoA	-7,347	0,018	0,299
CHR4	6375701	CHR4:6375701	SSF x Near_LoA	-7,796	-0,033	0,300
CHR4	6375725	CHR4:6375725	SSF x Near_LoA	-6,351	-0,045	0,282
CHR4	6375798	CHR4:6375798	SSF x Near_LoA	-7,649	0,036	0,286
CHR4	6375926	CHR4:6375926	SSF x Near_LoA	-8,644	0,009	0,282
CHR4	6381296	CHR4:6381296	SSF x Near_LoA	-8,012	-0,042	0,276
CHR4	6383424	CHR4:6383424	SSF x Near_LoA	-9,590	0,046	0,295
CHR4	6383505	CHR4:6383505	SSF x Near_LoA	-8,930	-0,045	0,270
CHR4	6400063	CHR4:6400063	SSF x Near_LoA	-8,853	0,080	0,285
CHR4	6434247	CHR4:6434247	SSF x Near_LoA	-9,376	0,039	0,275
CHR4	6457754	CHR4:6457754	SSF x Near_LoA	-9,762	-0,016	0,268
CHR4	6474224	CHR4:6474224	SSF x Near_LoA	2,867	-0,179	0,276
CHR4	6474453	CHR4:6474453	SSF x Near_LoA	-5,618	-0,152	0,281
CHR4	6474470	CHR4:6474470	SSF x Near_LoA	-5,562	0,192	0,287
CHR4	6474510	CHR4:6474510	SSF x Near_LoA	-3,543	0,232	0,262
CHR4	6479906	CHR4:6479906	SSF x Near_LoA	-2,476	0,259	0,277
CHR4	6483329	CHR4:6483329	SSF x Near_LoA	-6,491	0,043	0,306
CHR4	6495524	CHR4:6495524	SSF x Near_LoA	-2,706	0,078	0,283
CHR4	6495647	CHR4:6495647	SSF x Near_LoA	-9,204	-0,002	0,277
CHR4	6495768	CHR4:6495768	SSF x Near_LoA	-7,943	-0,065	0,271
CHR4	6500159	CHR4:6500159	SSF x Near_LoA	-4,319	-0,117	0,301
CHR4	6500169	CHR4:6500169	SSF x Near_LoA	-7,808	-0,009	0,299
CHR4	6500228	CHR4:6500228	SSF x Near_LoA	-8,087	-0,020	0,287
CHR4	6500990	CHR4:6500990	SSF x Near_LoA	-7,472	0,022	0,279
CHR4	6502609	CHR4:6502609	SSF x Near_LoA	-9,382	-0,007	0,290
CHR4	6502718	CHR4:6502718	SSF x Near_LoA	-8,059	0,021	0,300
CHR4	6502729	CHR4:6502729	SSF x Near_LoA	-6,690	0,027	0,288
CHR4	6502730	CHR4:6502730	SSF x Near_LoA	-3,597	0,014	0,286
CHR4	6508802	CHR4:6508802	SSF x Near_LoA	-8,079	-0,075	0,277
CHR4	6508805	CHR4:6508805	SSF x Near_LoA	-9,555	-0,113	0,272
CHR4	6508823	CHR4:6508823	SSF x Near_LoA	-8,951	-0,094	0,288
CHR4	6508963	CHR4:6508963	SSF x Near_LoA	-9,452	0,049	0,287
CHR4	6509580	CHR4:6509580	SSF x Near_LoA	-5,786	-0,111	0,296
CHR4	6509732	CHR4:6509732	SSF x Near_LoA	-6,621	-0,153	0,289
CHR4	6509762	CHR4:6509762	SSF x Near_LoA	-7,033	-0,146	0,278
CHR4	6538963	CHR4:6538963	SSF x Near_LoA	-7,906	-0,021	0,271
CHR4	6538976	CHR4:6538976	SSF x Near_LoA	-7,845	-0,041	0,263
CHR4	6539122	CHR4:6539122	SSF x Near_LoA	-10,023	0,054	0,297
CHR4	6539226	CHR4:6539226	SSF x Near_LoA	-8,241	0,014	0,282
CHR4	654446	CHR4:654446	SSF x Near_LoA	-8,502	0,042	0,284
CHR4	654486	CHR4:654486	SSF x Near_LoA	-6,533	0,043	0,284
CHR4	654508	CHR4:654508	SSF x Near_LoA	-9,035	-0,065	0,299
CHR4	6554115	CHR4:6554115	SSF x Near_LoA	-9,084	-0,067	0,296
CHR4	6554331	CHR4:6554331	SSF x Near_LoA	-7,814	0,041	0,288
CHR4	6554349	CHR4:6554349	SSF x Near_LoA	-8,907	-0,048	0,296
CHR4	6554353	CHR4:6554353	SSF x Near_LoA	-10,786	-0,066	0,275
CHR4	6563684	CHR4:6563684	SSF x Near_LoA	-9,582	-0,096	0,287
CHR4	6569283	CHR4:6569283	SSF x Near_LoA	-7,377	0,042	0,278

CHR4	657078	CHR4:657078	SSF x Near_LoA	-10,131	0,017	0,291
CHR4	6589581	CHR4:6589581	SSF x Near_LoA	-4,482	0,130	0,277
CHR4	659207	CHR4:659207	SSF x Near_LoA	-7,902	0,004	0,287
CHR4	659332	CHR4:659332	SSF x Near_LoA	-8,345	-0,151	0,293
CHR4	659362	CHR4:659362	SSF x Near_LoA	-7,952	-0,146	0,279
CHR4	6597616	CHR4:6597616	SSF x Near_LoA	-7,828	-0,065	0,287
CHR4	6597636	CHR4:6597636	SSF x Near_LoA	-5,310	-0,160	0,271
CHR4	6597677	CHR4:6597677	SSF x Near_LoA	-6,188	-0,130	0,283
CHR4	6605521	CHR4:6605521	SSF x Near_LoA	-8,164	0,008	0,298
CHR4	6605729	CHR4:6605729	SSF x Near_LoA	-8,176	-0,092	0,275
CHR4	6620541	CHR4:6620541	SSF x Near_LoA	-6,590	-0,032	0,282
CHR4	6623650	CHR4:6623650	SSF x Near_LoA	-8,468	-0,047	0,282
CHR4	6623654	CHR4:6623654	SSF x Near_LoA	-7,474	0,069	0,295
CHR4	6626487	CHR4:6626487	SSF x Near_LoA	-7,958	0,118	0,266
CHR4	663934	CHR4:663934	SSF x Near_LoA	-10,451	0,069	0,279
CHR4	663936	CHR4:663936	SSF x Near_LoA	-9,969	0,058	0,275
CHR4	663950	CHR4:663950	SSF x Near_LoA	-4,341	0,076	0,295
CHR4	663995	CHR4:663995	SSF x Near_LoA	-9,932	0,091	0,270
CHR4	6644386	CHR4:6644386	SSF x Near_LoA	-8,903	0,009	0,277
CHR4	6644472	CHR4:6644472	SSF x Near_LoA	-5,222	0,070	0,287
CHR4	6644483	CHR4:6644483	SSF x Near_LoA	-8,952	-0,031	0,296
CHR4	6650282	CHR4:6650282	SSF x Near_LoA	-6,892	-0,180	0,275
CHR4	6650474	CHR4:6650474	SSF x Near_LoA	-10,227	-0,044	0,277
CHR4	6651587	CHR4:6651587	SSF x Near_LoA	-7,336	0,012	0,292
CHR4	6651613	CHR4:6651613	SSF x Near_LoA	-6,790	0,010	0,295
CHR4	6651614	CHR4:6651614	SSF x Near_LoA	-9,446	0,047	0,287
CHR4	6659544	CHR4:6659544	SSF x Near_LoA	-7,077	0,086	0,289
CHR4	6659566	CHR4:6659566	SSF x Near_LoA	-9,059	-0,010	0,294
CHR4	670504	CHR4:670504	SSF x Near_LoA	-7,986	-0,025	0,271
CHR4	6717587	CHR4:6717587	SSF x Near_LoA	-9,245	0,034	0,291
CHR4	6717720	CHR4:6717720	SSF x Near_LoA	-1,374	-0,002	0,286
CHR4	6721224	CHR4:6721224	SSF x Near_LoA	-9,702	0,014	0,277
CHR4	6721426	CHR4:6721426	SSF x Near_LoA	-10,519	0,080	0,279
CHR4	6734052	CHR4:6734052	SSF x Near_LoA	-8,810	-0,051	0,294
CHR4	6738486	CHR4:6738486	SSF x Near_LoA	-7,221	-0,026	0,298
CHR4	6741133	CHR4:6741133	SSF x Near_LoA	-7,214	-0,016	0,277
CHR4	6741212	CHR4:6741212	SSF x Near_LoA	-4,903	0,036	0,289
CHR4	6741233	CHR4:6741233	SSF x Near_LoA	-7,077	0,040	0,305
CHR4	6746072	CHR4:6746072	SSF x Near_LoA	-7,131	0,078	0,293
CHR4	6746261	CHR4:6746261	SSF x Near_LoA	-7,505	-0,075	0,287
CHR4	6746331	CHR4:6746331	SSF x Near_LoA	-7,647	-0,034	0,283
CHR4	6758374	CHR4:6758374	SSF x Near_LoA	-7,417	0,052	0,291
CHR4	6758428	CHR4:6758428	SSF x Near_LoA	-6,512	0,108	0,291
CHR4	6758505	CHR4:6758505	SSF x Near_LoA	-7,926	0,091	0,294
CHR4	6758507	CHR4:6758507	SSF x Near_LoA	-4,309	0,082	0,302
CHR4	6763530	CHR4:6763530	SSF x Near_LoA	-8,050	-0,057	0,276
CHR4	6763742	CHR4:6763742	SSF x Near_LoA	-8,594	0,134	0,288
CHR4	6766041	CHR4:6766041	SSF x Near_LoA	-9,100	-0,126	0,280
CHR4	6766094	CHR4:6766094	SSF x Near_LoA	-9,424	-0,042	0,285
CHR4	6766103	CHR4:6766103	SSF x Near_LoA	-10,370	0,055	0,284
CHR4	6766107	CHR4:6766107	SSF x Near_LoA	-7,661	-0,108	0,295
CHR4	676820	CHR4:676820	SSF x Near_LoA	-6,143	-0,174	0,281
CHR4	676935	CHR4:676935	SSF x Near_LoA	-7,057	-0,169	0,280

CHR4	676939	CHR4:676939	SSF x Near_LoA	-6,289	-0,156	0,291
CHR4	6773599	CHR4:6773599	SSF x Near_LoA	-8,027	0,093	0,286
CHR4	6773752	CHR4:6773752	SSF x Near_LoA	-9,808	0,033	0,290
CHR4	677901	CHR4:677901	SSF x Near_LoA	-6,953	0,118	0,291
CHR4	6810277	CHR4:6810277	SSF x Near_LoA	-10,021	0,114	0,290
CHR4	6810308	CHR4:6810308	SSF x Near_LoA	-8,847	-0,040	0,295
CHR4	6810410	CHR4:6810410	SSF x Near_LoA	-4,154	-0,123	0,291
CHR4	6810464	CHR4:6810464	SSF x Near_LoA	-7,182	-0,061	0,282
CHR4	6810489	CHR4:6810489	SSF x Near_LoA	-6,035	-0,208	0,266
CHR4	6829859	CHR4:6829859	SSF x Near_LoA	1,517	0,199	0,276
CHR4	6834361	CHR4:6834361	SSF x Near_LoA	-10,473	-0,024	0,288
CHR4	6854846	CHR4:6854846	SSF x Near_LoA	-7,718	-0,119	0,289
CHR4	6862294	CHR4:6862294	SSF x Near_LoA	-7,978	0,032	0,310
CHR4	6865701	CHR4:6865701	SSF x Near_LoA	-10,301	-0,010	0,297
CHR4	6865769	CHR4:6865769	SSF x Near_LoA	-3,971	0,243	0,269
CHR4	6865790	CHR4:6865790	SSF x Near_LoA	-4,230	0,217	0,282
CHR4	6867798	CHR4:6867798	SSF x Near_LoA	-9,480	-0,049	0,298
CHR4	6877219	CHR4:6877219	SSF x Near_LoA	-3,415	-0,145	0,280
CHR4	6877224	CHR4:6877224	SSF x Near_LoA	-8,103	-0,075	0,290
CHR4	6877232	CHR4:6877232	SSF x Near_LoA	-8,090	0,126	0,283
CHR4	687940	CHR4:687940	SSF x Near_LoA	-5,411	-0,160	0,280
CHR4	688032	CHR4:688032	SSF x Near_LoA	-9,659	-0,094	0,282
CHR4	688973	CHR4:688973	SSF x Near_LoA	2,809	0,115	0,265
CHR4	6891226	CHR4:6891226	SSF x Near_LoA	-10,183	0,042	0,297
CHR4	689126	CHR4:689126	SSF x Near_LoA	-7,474	0,043	0,270
CHR4	6891338	CHR4:6891338	SSF x Near_LoA	-7,609	0,216	0,279
CHR4	6900449	CHR4:6900449	SSF x Near_LoA	-9,415	0,091	0,287
CHR4	6900482	CHR4:6900482	SSF x Near_LoA	-9,471	0,065	0,290
CHR4	6900485	CHR4:6900485	SSF x Near_LoA	-8,796	0,031	0,284
CHR4	6900746	CHR4:6900746	SSF x Near_LoA	-8,222	0,009	0,261
CHR4	6905094	CHR4:6905094	SSF x Near_LoA	-10,191	-0,057	0,286
CHR4	6905101	CHR4:6905101	SSF x Near_LoA	-8,503	-0,011	0,295
CHR4	6905173	CHR4:6905173	SSF x Near_LoA	-7,591	0,060	0,294
CHR4	6905366	CHR4:6905366	SSF x Near_LoA	-7,596	0,161	0,273
CHR4	6905373	CHR4:6905373	SSF x Near_LoA	-7,029	0,035	0,282
CHR4	6905404	CHR4:6905404	SSF x Near_LoA	-9,305	0,110	0,267
CHR4	6905416	CHR4:6905416	SSF x Near_LoA	-6,537	0,140	0,281
CHR4	6910430	CHR4:6910430	SSF x Near_LoA	-8,376	-0,081	0,295
CHR4	6917777	CHR4:6917777	SSF x Near_LoA	-4,095	-0,081	0,281
CHR4	6917818	CHR4:6917818	SSF x Near_LoA	-6,572	0,127	0,306
CHR4	692154	CHR4:692154	SSF x Near_LoA	-8,813	-0,049	0,284
CHR4	6926249	CHR4:6926249	SSF x Near_LoA	-10,123	-0,018	0,280
CHR4	6928336	CHR4:6928336	SSF x Near_LoA	-9,706	-0,006	0,296
CHR4	6928669	CHR4:6928669	SSF x Near_LoA	-8,100	-0,148	0,285
CHR4	6930129	CHR4:6930129	SSF x Near_LoA	-6,873	0,068	0,294
CHR4	6931196	CHR4:6931196	SSF x Near_LoA	-9,102	0,066	0,294
CHR4	6931488	CHR4:6931488	SSF x Near_LoA	-8,534	0,093	0,279
CHR4	693492	CHR4:693492	SSF x Near_LoA	-5,039	-0,176	0,282
CHR4	693629	CHR4:693629	SSF x Near_LoA	-7,635	0,048	0,284
CHR4	6952997	CHR4:6952997	SSF x Near_LoA	-6,303	-0,244	0,271
CHR4	7013818	CHR4:7013818	SSF x Near_LoA	-9,384	-0,081	0,287
CHR4	7022365	CHR4:7022365	SSF x Near_LoA	-10,656	0,041	0,284
CHR4	7032987	CHR4:7032987	SSF x Near_LoA	-9,825	-0,019	0,280

CHR4	7033032	CHR4:7033032	SSF x Near_LoA	-7,352	0,069	0,294
CHR4	7033058	CHR4:7033058	SSF x Near_LoA	-7,031	0,045	0,291
CHR4	7051883	CHR4:7051883	SSF x Near_LoA	-9,034	0,011	0,286
CHR4	7062004	CHR4:7062004	SSF x Near_LoA	-6,438	-0,146	0,282
CHR4	7064662	CHR4:7064662	SSF x Near_LoA	-6,988	-0,111	0,287
CHR4	7064723	CHR4:7064723	SSF x Near_LoA	-8,064	-0,117	0,288
CHR4	7067198	CHR4:7067198	SSF x Near_LoA	-7,031	0,074	0,288
CHR4	7067204	CHR4:7067204	SSF x Near_LoA	-6,291	0,082	0,296
CHR4	7067211	CHR4:7067211	SSF x Near_LoA	-7,618	0,084	0,292
CHR4	7067223	CHR4:7067223	SSF x Near_LoA	-2,652	-0,081	0,293
CHR4	7067262	CHR4:7067262	SSF x Near_LoA	-6,404	0,032	0,304
CHR4	7067280	CHR4:7067280	SSF x Near_LoA	-9,198	0,082	0,294
CHR4	7067326	CHR4:7067326	SSF x Near_LoA	-7,287	-0,065	0,284
CHR4	7067387	CHR4:7067387	SSF x Near_LoA	-7,595	0,066	0,294
CHR4	7077718	CHR4:7077718	SSF x Near_LoA	-7,470	-0,031	0,292
CHR4	7079391	CHR4:7079391	SSF x Near_LoA	-7,890	0,016	0,290
CHR4	7079615	CHR4:7079615	SSF x Near_LoA	-6,861	0,142	0,273
CHR4	7079795	CHR4:7079795	SSF x Near_LoA	-6,841	-0,011	0,290
CHR4	7079805	CHR4:7079805	SSF x Near_LoA	-3,158	-0,051	0,284
CHR4	7089460	CHR4:7089460	SSF x Near_LoA	-7,048	-0,013	0,289
CHR4	7089463	CHR4:7089463	SSF x Near_LoA	-8,367	0,041	0,284
CHR4	7089465	CHR4:7089465	SSF x Near_LoA	-9,049	-0,100	0,284
CHR4	7089758	CHR4:7089758	SSF x Near_LoA	-7,265	-0,010	0,282
CHR4	7094575	CHR4:7094575	SSF x Near_LoA	-8,174	0,040	0,296
CHR4	709475	CHR4:709475	SSF x Near_LoA	-8,662	-0,128	0,272
CHR4	7108592	CHR4:7108592	SSF x Near_LoA	-9,501	-0,042	0,301
CHR4	7108596	CHR4:7108596	SSF x Near_LoA	-6,940	0,086	0,291
CHR4	7108654	CHR4:7108654	SSF x Near_LoA	-9,630	0,037	0,285
CHR4	7111106	CHR4:7111106	SSF x Near_LoA	-9,726	0,024	0,300
CHR4	716600	CHR4:716600	SSF x Near_LoA	-9,163	0,135	0,271
CHR4	716759	CHR4:716759	SSF x Near_LoA	-8,809	0,018	0,280
CHR4	719434	CHR4:719434	SSF x Near_LoA	-9,425	-0,085	0,283
CHR4	719527	CHR4:719527	SSF x Near_LoA	-5,311	-0,211	0,283
CHR4	7216900	CHR4:7216900	SSF x Near_LoA	-3,391	0,237	0,252
CHR4	722079	CHR4:722079	SSF x Near_LoA	-6,999	-0,083	0,268
CHR4	7224516	CHR4:7224516	SSF x Near_LoA	-8,504	-0,012	0,272
CHR4	7231376	CHR4:7231376	SSF x Near_LoA	-7,553	-0,117	0,280
CHR4	7234604	CHR4:7234604	SSF x Near_LoA	-10,185	0,064	0,287
CHR4	7236638	CHR4:7236638	SSF x Near_LoA	-7,642	-0,017	0,270
CHR4	7236711	CHR4:7236711	SSF x Near_LoA	-7,591	0,063	0,289
CHR4	7238862	CHR4:7238862	SSF x Near_LoA	-10,190	0,005	0,282
CHR4	7239002	CHR4:7239002	SSF x Near_LoA	-9,441	-0,011	0,278
CHR4	7245755	CHR4:7245755	SSF x Near_LoA	-8,644	0,047	0,289
CHR4	7245931	CHR4:7245931	SSF x Near_LoA	-6,314	-0,145	0,281
CHR4	7246061	CHR4:7246061	SSF x Near_LoA	-5,561	-0,122	0,296
CHR4	7254699	CHR4:7254699	SSF x Near_LoA	-9,379	-0,141	0,280
CHR4	7254734	CHR4:7254734	SSF x Near_LoA	-5,372	-0,081	0,286
CHR4	7254771	CHR4:7254771	SSF x Near_LoA	-5,092	0,121	0,277
CHR4	7254817	CHR4:7254817	SSF x Near_LoA	-9,129	-0,068	0,280
CHR4	7254846	CHR4:7254846	SSF x Near_LoA	-6,657	-0,073	0,276
CHR4	7266524	CHR4:7266524	SSF x Near_LoA	-11,021	-0,076	0,263
CHR4	7266537	CHR4:7266537	SSF x Near_LoA	-6,378	-0,125	0,267
CHR4	7266629	CHR4:7266629	SSF x Near_LoA	-7,282	-0,122	0,277

CHR4	7266775	CHR4:7266775	SSF x Near_LoA	-10,170	0,046	0,275
CHR4	7266778	CHR4:7266778	SSF x Near_LoA	-8,402	-0,093	0,296
CHR4	7267964	CHR4:7267964	SSF x Near_LoA	-7,179	-0,039	0,283
CHR4	7268012	CHR4:7268012	SSF x Near_LoA	-9,188	-0,037	0,300
CHR4	7277491	CHR4:7277491	SSF x Near_LoA	-6,990	-0,115	0,290
CHR4	7277655	CHR4:7277655	SSF x Near_LoA	-7,793	-0,058	0,297
CHR4	7277656	CHR4:7277656	SSF x Near_LoA	-8,711	-0,038	0,288
CHR4	7281545	CHR4:7281545	SSF x Near_LoA	-8,807	0,022	0,293
CHR4	7281577	CHR4:7281577	SSF x Near_LoA	-5,306	-0,142	0,278
CHR4	7281622	CHR4:7281622	SSF x Near_LoA	-7,059	0,128	0,278
CHR4	7281740	CHR4:7281740	SSF x Near_LoA	-5,331	-0,153	0,278
CHR4	7281772	CHR4:7281772	SSF x Near_LoA	-7,672	-0,108	0,282
CHR4	7293994	CHR4:7293994	SSF x Near_LoA	-7,516	-0,107	0,284
CHR4	7302189	CHR4:7302189	SSF x Near_LoA	-8,462	-0,029	0,291
CHR4	7302200	CHR4:7302200	SSF x Near_LoA	-6,487	0,118	0,285
CHR4	7311165	CHR4:7311165	SSF x Near_LoA	0,432	-0,143	0,284
CHR4	7311302	CHR4:7311302	SSF x Near_LoA	-6,828	0,052	0,288
CHR4	7311541	CHR4:7311541	SSF x Near_LoA	-8,198	0,134	0,275
CHR4	7336548	CHR4:7336548	SSF x Near_LoA	-10,135	-0,035	0,297
CHR4	7340106	CHR4:7340106	SSF x Near_LoA	-7,917	-0,023	0,300
CHR4	7340133	CHR4:7340133	SSF x Near_LoA	-8,352	-0,079	0,281
CHR4	7381418	CHR4:7381418	SSF x Near_LoA	-7,853	0,131	0,294
CHR4	7381492	CHR4:7381492	SSF x Near_LoA	-4,518	0,119	0,278
CHR4	7381532	CHR4:7381532	SSF x Near_LoA	-6,728	0,078	0,283
CHR4	7381547	CHR4:7381547	SSF x Near_LoA	-8,610	0,053	0,299
CHR4	7391045	CHR4:7391045	SSF x Near_LoA	-9,851	0,108	0,276
CHR4	7391237	CHR4:7391237	SSF x Near_LoA	-6,967	0,033	0,282
CHR4	7391258	CHR4:7391258	SSF x Near_LoA	-8,015	-0,018	0,291
CHR4	7401505	CHR4:7401505	SSF x Near_LoA	-8,975	-0,131	0,285
CHR4	741597	CHR4:741597	SSF x Near_LoA	-8,379	0,082	0,289
CHR4	741726	CHR4:741726	SSF x Near_LoA	-9,934	0,035	0,288
CHR4	742954	CHR4:742954	SSF x Near_LoA	-7,651	0,026	0,296
CHR4	7433671	CHR4:7433671	SSF x Near_LoA	-7,378	-0,118	0,279
CHR4	7433861	CHR4:7433861	SSF x Near_LoA	-8,269	0,037	0,286
CHR4	7452178	CHR4:7452178	SSF x Near_LoA	-8,167	-0,113	0,278
CHR4	7452250	CHR4:7452250	SSF x Near_LoA	-7,917	-0,035	0,275
CHR4	7475343	CHR4:7475343	SSF x Near_LoA	-8,329	0,031	0,285
CHR4	7475383	CHR4:7475383	SSF x Near_LoA	-9,356	-0,006	0,278
CHR4	7475486	CHR4:7475486	SSF x Near_LoA	-8,705	0,023	0,286
CHR4	7475543	CHR4:7475543	SSF x Near_LoA	-8,963	-0,146	0,266
CHR4	7475600	CHR4:7475600	SSF x Near_LoA	-7,433	-0,015	0,282
CHR4	7477890	CHR4:7477890	SSF x Near_LoA	-7,051	-0,127	0,270
CHR4	7478155	CHR4:7478155	SSF x Near_LoA	-8,779	0,073	0,291
CHR4	7498571	CHR4:7498571	SSF x Near_LoA	-7,518	0,010	0,295
CHR4	7511372	CHR4:7511372	SSF x Near_LoA	-7,979	0,003	0,272
CHR4	7511414	CHR4:7511414	SSF x Near_LoA	-9,007	0,070	0,284
CHR4	7511475	CHR4:7511475	SSF x Near_LoA	-8,866	0,084	0,279
CHR4	7511483	CHR4:7511483	SSF x Near_LoA	-8,832	-0,123	0,287
CHR4	7511568	CHR4:7511568	SSF x Near_LoA	-10,122	0,022	0,300
CHR4	7511608	CHR4:7511608	SSF x Near_LoA	-8,395	0,030	0,287
CHR4	7511615	CHR4:7511615	SSF x Near_LoA	-7,275	0,093	0,284
CHR4	7511640	CHR4:7511640	SSF x Near_LoA	-6,527	0,098	0,285
CHR4	7524356	CHR4:7524356	SSF x Near_LoA	-5,292	-0,044	0,292

CHR4	7524369	CHR4:7524369	SSF x Near_LoA	-4,775	-0,053	0,305
CHR4	7524374	CHR4:7524374	SSF x Near_LoA	-9,365	-0,018	0,283
CHR4	7524375	CHR4:7524375	SSF x Near_LoA	-9,125	0,005	0,276
CHR4	7524420	CHR4:7524420	SSF x Near_LoA	-8,288	-0,004	0,299
CHR4	753308	CHR4:753308	SSF x Near_LoA	-9,665	-0,071	0,281
CHR4	7536688	CHR4:7536688	SSF x Near_LoA	-7,252	0,055	0,301
CHR4	7543724	CHR4:7543724	SSF x Near_LoA	-8,836	-0,027	0,290
CHR4	7554917	CHR4:7554917	SSF x Near_LoA	-9,533	-0,063	0,291
CHR4	7567107	CHR4:7567107	SSF x Near_LoA	-6,986	-0,166	0,285
CHR4	7570846	CHR4:7570846	SSF x Near_LoA	-6,601	0,188	0,260
CHR4	7570966	CHR4:7570966	SSF x Near_LoA	-9,597	0,018	0,276
CHR4	7573418	CHR4:7573418	SSF x Near_LoA	-8,715	0,108	0,267
CHR4	7573461	CHR4:7573461	SSF x Near_LoA	-6,931	0,018	0,291
CHR4	758020	CHR4:758020	SSF x Near_LoA	-9,322	0,088	0,287
CHR4	7586524	CHR4:7586524	SSF x Near_LoA	-4,025	0,180	0,279
CHR4	7590426	CHR4:7590426	SSF x Near_LoA	-9,189	-0,006	0,288
CHR4	7590481	CHR4:7590481	SSF x Near_LoA	-9,524	0,030	0,291
CHR4	7595402	CHR4:7595402	SSF x Near_LoA	-8,810	-0,103	0,277
CHR4	7595478	CHR4:7595478	SSF x Near_LoA	-8,813	-0,016	0,290
CHR4	7601340	CHR4:7601340	SSF x Near_LoA	-8,307	-0,031	0,290
CHR4	7601395	CHR4:7601395	SSF x Near_LoA	-7,084	-0,028	0,284
CHR4	7601398	CHR4:7601398	SSF x Near_LoA	-6,900	-0,188	0,277
CHR4	7601410	CHR4:7601410	SSF x Near_LoA	-7,459	-0,171	0,268
CHR4	7601519	CHR4:7601519	SSF x Near_LoA	-6,983	0,031	0,279
CHR4	7601521	CHR4:7601521	SSF x Near_LoA	-7,796	-0,029	0,288
CHR4	7601526	CHR4:7601526	SSF x Near_LoA	-10,234	0,051	0,279
CHR4	7604075	CHR4:7604075	SSF x Near_LoA	-7,170	-0,085	0,279
CHR4	7604117	CHR4:7604117	SSF x Near_LoA	-7,565	0,050	0,293
CHR4	7604195	CHR4:7604195	SSF x Near_LoA	-7,183	0,100	0,283
CHR4	7604245	CHR4:7604245	SSF x Near_LoA	-7,554	0,126	0,285
CHR4	7604259	CHR4:7604259	SSF x Near_LoA	-8,637	0,116	0,294
CHR4	7613800	CHR4:7613800	SSF x Near_LoA	-9,738	-0,095	0,281
CHR4	7613903	CHR4:7613903	SSF x Near_LoA	-5,560	0,175	0,283
CHR4	7613908	CHR4:7613908	SSF x Near_LoA	3,957	0,127	0,287
CHR4	7613925	CHR4:7613925	SSF x Near_LoA	-11,484	-0,055	0,271
CHR4	762703	CHR4:762703	SSF x Near_LoA	-6,078	-0,175	0,282
CHR4	762755	CHR4:762755	SSF x Near_LoA	-4,390	0,208	0,281
CHR4	7627852	CHR4:7627852	SSF x Near_LoA	-0,411	-0,190	0,269
CHR4	7627922	CHR4:7627922	SSF x Near_LoA	-6,982	0,063	0,281
CHR4	762798	CHR4:762798	SSF x Near_LoA	-6,923	0,032	0,280
CHR4	7633705	CHR4:7633705	SSF x Near_LoA	-4,105	0,173	0,272
CHR4	7633947	CHR4:7633947	SSF x Near_LoA	-5,098	-0,169	0,283
CHR4	7634004	CHR4:7634004	SSF x Near_LoA	-3,639	-0,230	0,266
CHR4	7640194	CHR4:7640194	SSF x Near_LoA	-7,562	-0,075	0,282
CHR4	7640270	CHR4:7640270	SSF x Near_LoA	-9,563	-0,014	0,282
CHR4	7640274	CHR4:7640274	SSF x Near_LoA	-8,194	0,010	0,283
CHR4	7640357	CHR4:7640357	SSF x Near_LoA	-7,275	0,066	0,293
CHR4	7685628	CHR4:7685628	SSF x Near_LoA	-10,183	-0,039	0,280
CHR4	7730804	CHR4:7730804	SSF x Near_LoA	-9,076	0,076	0,280
CHR4	773330	CHR4:773330	SSF x Near_LoA	-7,436	0,128	0,274
CHR4	7734559	CHR4:7734559	SSF x Near_LoA	-6,949	-0,026	0,272
CHR4	7734652	CHR4:7734652	SSF x Near_LoA	-9,604	-0,095	0,278
CHR4	7742816	CHR4:7742816	SSF x Near_LoA	-6,575	-0,029	0,294

CHR4	7742954	CHR4:7742954	SSF x Near_LoA	-7,397	0,033	0,288
CHR4	7770627	CHR4:7770627	SSF x Near_LoA	-8,876	-0,043	0,275
CHR4	7770634	CHR4:7770634	SSF x Near_LoA	-4,790	-0,051	0,290
CHR4	7770731	CHR4:7770731	SSF x Near_LoA	-7,791	-0,036	0,290
CHR4	7771608	CHR4:7771608	SSF x Near_LoA	-5,410	0,055	0,298
CHR4	7771669	CHR4:7771669	SSF x Near_LoA	-9,581	-0,063	0,297
CHR4	7776545	CHR4:7776545	SSF x Near_LoA	-5,065	0,224	0,285
CHR4	7815040	CHR4:7815040	SSF x Near_LoA	-3,800	0,233	0,283
CHR4	7815109	CHR4:7815109	SSF x Near_LoA	-10,103	0,013	0,276
CHR4	7819697	CHR4:7819697	SSF x Near_LoA	-2,867	0,224	0,275
CHR4	7820579	CHR4:7820579	SSF x Near_LoA	-9,231	-0,079	0,290
CHR4	7832761	CHR4:7832761	SSF x Near_LoA	-6,472	-0,184	0,291
CHR4	7832821	CHR4:7832821	SSF x Near_LoA	-7,366	-0,183	0,288
CHR4	7832837	CHR4:7832837	SSF x Near_LoA	-9,391	0,019	0,283
CHR4	7834746	CHR4:7834746	SSF x Near_LoA	-7,425	-0,143	0,290
CHR4	7871231	CHR4:7871231	SSF x Near_LoA	-8,028	0,034	0,289
CHR4	7871289	CHR4:7871289	SSF x Near_LoA	-7,176	0,010	0,273
CHR4	7871354	CHR4:7871354	SSF x Near_LoA	-10,745	0,004	0,295
CHR4	7872844	CHR4:7872844	SSF x Near_LoA	-7,871	0,006	0,281
CHR4	7879290	CHR4:7879290	SSF x Near_LoA	-8,104	-0,030	0,310
CHR4	7879365	CHR4:7879365	SSF x Near_LoA	-9,167	-0,017	0,289
CHR4	7894267	CHR4:7894267	SSF x Near_LoA	-6,722	-0,167	0,271
CHR4	7894273	CHR4:7894273	SSF x Near_LoA	-5,632	-0,116	0,281
CHR4	7894368	CHR4:7894368	SSF x Near_LoA	-9,263	0,116	0,276
CHR4	7914129	CHR4:7914129	SSF x Near_LoA	-8,655	0,067	0,280
CHR4	7914198	CHR4:7914198	SSF x Near_LoA	-8,651	-0,083	0,296
CHR4	7914210	CHR4:7914210	SSF x Near_LoA	-7,395	-0,063	0,297
CHR4	7925118	CHR4:7925118	SSF x Near_LoA	-9,231	-0,066	0,288
CHR4	7925141	CHR4:7925141	SSF x Near_LoA	-8,936	-0,098	0,292
CHR4	7929082	CHR4:7929082	SSF x Near_LoA	-7,567	-0,061	0,286
CHR4	7929115	CHR4:7929115	SSF x Near_LoA	-3,094	0,170	0,289
CHR4	7929224	CHR4:7929224	SSF x Near_LoA	-7,251	0,099	0,291
CHR4	7940001	CHR4:7940001	SSF x Near_LoA	-4,635	0,198	0,281
CHR4	7940149	CHR4:7940149	SSF x Near_LoA	1,012	0,291	0,276
CHR4	7940157	CHR4:7940157	SSF x Near_LoA	-6,957	-0,060	0,278
CHR4	7941194	CHR4:7941194	SSF x Near_LoA	-0,014	0,260	0,272
CHR4	79426	CHR4:79426	SSF x Near_LoA	-7,252	0,037	0,289
CHR4	7953502	CHR4:7953502	SSF x Near_LoA	-5,326	-0,064	0,277
CHR4	7953513	CHR4:7953513	SSF x Near_LoA	-5,875	-0,108	0,272
CHR4	7953540	CHR4:7953540	SSF x Near_LoA	-8,610	-0,002	0,281
CHR4	7953553	CHR4:7953553	SSF x Near_LoA	-9,233	-0,045	0,301
CHR4	7993145	CHR4:7993145	SSF x Near_LoA	-7,044	0,073	0,295
CHR4	7993149	CHR4:7993149	SSF x Near_LoA	-8,254	0,036	0,291
CHR4	7993182	CHR4:7993182	SSF x Near_LoA	-6,590	0,078	0,293
CHR4	7993292	CHR4:7993292	SSF x Near_LoA	-7,586	-0,109	0,282
CHR4	7993317	CHR4:7993317	SSF x Near_LoA	-7,108	0,072	0,273
CHR4	7993337	CHR4:7993337	SSF x Near_LoA	-7,053	-0,042	0,283
CHR4	801176	CHR4:801176	SSF x Near_LoA	-7,347	0,061	0,291
CHR4	802458	CHR4:802458	SSF x Near_LoA	-8,408	-0,080	0,294
CHR4	8025605	CHR4:8025605	SSF x Near_LoA	-8,503	0,048	0,285
CHR4	8025608	CHR4:8025608	SSF x Near_LoA	-5,927	0,130	0,289
CHR4	8025740	CHR4:8025740	SSF x Near_LoA	-9,569	-0,058	0,289
CHR4	8051672	CHR4:8051672	SSF x Near_LoA	-6,015	-0,169	0,263

CHR4	8051917	CHR4:8051917	SSF x Near_LoA	-7,603	0,070	0,285
CHR4	8051930	CHR4:8051930	SSF x Near_LoA	-9,411	-0,075	0,284
CHR4	8064153	CHR4:8064153	SSF x Near_LoA	-8,381	0,016	0,291
CHR4	8064154	CHR4:8064154	SSF x Near_LoA	-9,348	0,055	0,287
CHR4	8064178	CHR4:8064178	SSF x Near_LoA	-8,761	-0,030	0,289
CHR4	8075288	CHR4:8075288	SSF x Near_LoA	-1,316	0,127	0,292
CHR4	8075372	CHR4:8075372	SSF x Near_LoA	-9,979	-0,017	0,291
CHR4	80833	CHR4:80833	SSF x Near_LoA	-0,105	-0,116	0,283
CHR4	8099179	CHR4:8099179	SSF x Near_LoA	-3,313	0,211	0,286
CHR4	8099449	CHR4:8099449	SSF x Near_LoA	-1,215	-0,230	0,287
CHR4	8148584	CHR4:8148584	SSF x Near_LoA	-8,047	0,027	0,285
CHR4	8148687	CHR4:8148687	SSF x Near_LoA	-10,295	-0,066	0,284
CHR4	8148711	CHR4:8148711	SSF x Near_LoA	-7,523	-0,045	0,286
CHR4	8148723	CHR4:8148723	SSF x Near_LoA	-9,262	0,042	0,280
CHR4	8148741	CHR4:8148741	SSF x Near_LoA	-6,351	-0,081	0,292
CHR4	816198	CHR4:816198	SSF x Near_LoA	-6,428	-0,107	0,281
CHR4	816306	CHR4:816306	SSF x Near_LoA	-7,726	-0,027	0,295
CHR4	817723	CHR4:817723	SSF x Near_LoA	-5,370	0,139	0,291
CHR4	817775	CHR4:817775	SSF x Near_LoA	-9,010	-0,074	0,289
CHR4	817801	CHR4:817801	SSF x Near_LoA	-8,698	0,033	0,292
CHR4	817824	CHR4:817824	SSF x Near_LoA	-10,112	0,026	0,286
CHR4	817916	CHR4:817916	SSF x Near_LoA	-5,461	-0,047	0,278
CHR4	819077	CHR4:819077	SSF x Near_LoA	-2,080	0,240	0,268
CHR4	819212	CHR4:819212	SSF x Near_LoA	-6,938	0,013	0,292
CHR4	8198167	CHR4:8198167	SSF x Near_LoA	-10,009	0,041	0,288
CHR4	8199968	CHR4:8199968	SSF x Near_LoA	-9,571	-0,058	0,279
CHR4	8200034	CHR4:8200034	SSF x Near_LoA	-5,553	-0,108	0,300
CHR4	8200345	CHR4:8200345	SSF x Near_LoA	-7,217	0,079	0,280
CHR4	8207636	CHR4:8207636	SSF x Near_LoA	-7,787	-0,025	0,280
CHR4	8207843	CHR4:8207843	SSF x Near_LoA	-7,072	-0,069	0,299
CHR4	8207904	CHR4:8207904	SSF x Near_LoA	-9,070	0,076	0,284
CHR4	8216892	CHR4:8216892	SSF x Near_LoA	-9,812	-0,052	0,288
CHR4	8217063	CHR4:8217063	SSF x Near_LoA	-4,229	-0,158	0,278
CHR4	8218176	CHR4:8218176	SSF x Near_LoA	-9,549	0,057	0,289
CHR4	8218206	CHR4:8218206	SSF x Near_LoA	-4,253	0,191	0,267
CHR4	8224010	CHR4:8224010	SSF x Near_LoA	-5,604	-0,088	0,277
CHR4	8224037	CHR4:8224037	SSF x Near_LoA	-7,589	0,079	0,293
CHR4	8224093	CHR4:8224093	SSF x Near_LoA	-9,488	-0,002	0,281
CHR4	8224106	CHR4:8224106	SSF x Near_LoA	-6,542	0,092	0,305
CHR4	8224240	CHR4:8224240	SSF x Near_LoA	-8,826	-0,103	0,281
CHR4	8226063	CHR4:8226063	SSF x Near_LoA	-6,263	-0,108	0,283
CHR4	8226083	CHR4:8226083	SSF x Near_LoA	-9,837	0,017	0,284
CHR4	8226115	CHR4:8226115	SSF x Near_LoA	-7,880	0,035	0,286
CHR4	8226228	CHR4:8226228	SSF x Near_LoA	-8,376	0,040	0,281
CHR4	8226264	CHR4:8226264	SSF x Near_LoA	-5,907	0,036	0,294
CHR4	8226339	CHR4:8226339	SSF x Near_LoA	-7,571	-0,005	0,290
CHR4	8226357	CHR4:8226357	SSF x Near_LoA	-5,604	0,047	0,295
CHR4	8226374	CHR4:8226374	SSF x Near_LoA	-8,603	-0,031	0,282
CHR4	8226375	CHR4:8226375	SSF x Near_LoA	-8,727	0,002	0,290
CHR4	8238681	CHR4:8238681	SSF x Near_LoA	-8,008	-0,087	0,284
CHR4	8238687	CHR4:8238687	SSF x Near_LoA	-8,308	0,065	0,275
CHR4	8238696	CHR4:8238696	SSF x Near_LoA	-8,423	-0,035	0,284
CHR4	8238737	CHR4:8238737	SSF x Near_LoA	-8,408	-0,029	0,291

CHR4	8249847	CHR4:8249847	SSF x Near_LoA	-7,411	-0,122	0,281
CHR4	8252566	CHR4:8252566	SSF x Near_LoA	-8,497	-0,003	0,292
CHR4	8252648	CHR4:8252648	SSF x Near_LoA	-10,172	-0,009	0,283
CHR4	8270820	CHR4:8270820	SSF x Near_LoA	-9,685	0,009	0,274
CHR4	8290434	CHR4:8290434	SSF x Near_LoA	-9,074	-0,106	0,289
CHR4	8290450	CHR4:8290450	SSF x Near_LoA	-8,849	0,025	0,287
CHR4	8290529	CHR4:8290529	SSF x Near_LoA	-7,948	0,062	0,287
CHR4	8290530	CHR4:8290530	SSF x Near_LoA	-9,043	0,077	0,272
CHR4	8290595	CHR4:8290595	SSF x Near_LoA	-7,179	0,085	0,270
CHR4	8290692	CHR4:8290692	SSF x Near_LoA	-9,236	-0,009	0,282
CHR4	829873	CHR4:829873	SSF x Near_LoA	-5,682	0,024	0,275
CHR4	829882	CHR4:829882	SSF x Near_LoA	-8,447	0,054	0,279
CHR4	829942	CHR4:829942	SSF x Near_LoA	-8,220	-0,099	0,278
CHR4	829943	CHR4:829943	SSF x Near_LoA	-7,402	-0,117	0,280
CHR4	829944	CHR4:829944	SSF x Near_LoA	-8,720	-0,079	0,285
CHR4	829972	CHR4:829972	SSF x Near_LoA	-7,065	0,077	0,294
CHR4	8307117	CHR4:8307117	SSF x Near_LoA	-7,425	-0,066	0,279
CHR4	8307286	CHR4:8307286	SSF x Near_LoA	-5,744	-0,094	0,287
CHR4	8307359	CHR4:8307359	SSF x Near_LoA	-6,363	0,091	0,295
CHR4	8307361	CHR4:8307361	SSF x Near_LoA	-6,611	0,062	0,303
CHR4	8309121	CHR4:8309121	SSF x Near_LoA	-6,997	-0,056	0,285
CHR4	8309127	CHR4:8309127	SSF x Near_LoA	-10,493	-0,002	0,294
CHR4	8309314	CHR4:8309314	SSF x Near_LoA	-8,825	-0,135	0,281
CHR4	8312351	CHR4:8312351	SSF x Near_LoA	-3,454	-0,174	0,274
CHR4	8312542	CHR4:8312542	SSF x Near_LoA	-8,874	-0,064	0,288
CHR4	8312605	CHR4:8312605	SSF x Near_LoA	-6,759	-0,147	0,266
CHR4	8319529	CHR4:8319529	SSF x Near_LoA	-8,435	0,116	0,290
CHR4	8319588	CHR4:8319588	SSF x Near_LoA	-8,893	0,164	0,275
CHR4	8319738	CHR4:8319738	SSF x Near_LoA	-9,199	0,039	0,300
CHR4	8319955	CHR4:8319955	SSF x Near_LoA	-7,886	-0,003	0,283
CHR4	8319962	CHR4:8319962	SSF x Near_LoA	-6,544	0,055	0,291
CHR4	8358810	CHR4:8358810	SSF x Near_LoA	-5,672	0,050	0,295
CHR4	8359870	CHR4:8359870	SSF x Near_LoA	-7,299	0,045	0,286
CHR4	8359938	CHR4:8359938	SSF x Near_LoA	-9,536	0,016	0,293
CHR4	8360021	CHR4:8360021	SSF x Near_LoA	-9,313	-0,083	0,267
CHR4	8366836	CHR4:8366836	SSF x Near_LoA	-0,425	-0,265	0,270
CHR4	8366907	CHR4:8366907	SSF x Near_LoA	-4,695	-0,187	0,270
CHR4	8366927	CHR4:8366927	SSF x Near_LoA	-8,467	-0,110	0,287
CHR4	8366998	CHR4:8366998	SSF x Near_LoA	-4,372	-0,183	0,279
CHR4	8373709	CHR4:8373709	SSF x Near_LoA	-7,571	-0,112	0,274
CHR4	8373743	CHR4:8373743	SSF x Near_LoA	-7,287	-0,096	0,279
CHR4	8373793	CHR4:8373793	SSF x Near_LoA	-7,565	-0,130	0,284
CHR4	8373806	CHR4:8373806	SSF x Near_LoA	-9,699	-0,042	0,282
CHR4	8373888	CHR4:8373888	SSF x Near_LoA	-9,743	-0,014	0,299
CHR4	8373897	CHR4:8373897	SSF x Near_LoA	-8,626	0,001	0,291
CHR4	8378034	CHR4:8378034	SSF x Near_LoA	-8,229	-0,035	0,288
CHR4	8378042	CHR4:8378042	SSF x Near_LoA	-7,834	-0,083	0,280
CHR4	8378118	CHR4:8378118	SSF x Near_LoA	-7,035	-0,035	0,288
CHR4	8378134	CHR4:8378134	SSF x Near_LoA	-6,060	0,093	0,280
CHR4	8378135	CHR4:8378135	SSF x Near_LoA	-10,077	0,000	0,285
CHR4	8378154	CHR4:8378154	SSF x Near_LoA	-4,366	0,160	0,294
CHR4	8378271	CHR4:8378271	SSF x Near_LoA	-6,338	-0,078	0,294
CHR4	8383003	CHR4:8383003	SSF x Near_LoA	-8,458	-0,058	0,292

CHR4	8383085	CHR4:8383085	SSF x Near_LoA	-8,686	0,075	0,289
CHR4	8391200	CHR4:8391200	SSF x Near_LoA	-9,163	-0,064	0,283
CHR4	8391201	CHR4:8391201	SSF x Near_LoA	1,520	-0,163	0,274
CHR4	8391263	CHR4:8391263	SSF x Near_LoA	-7,569	0,104	0,288
CHR4	8391405	CHR4:8391405	SSF x Near_LoA	-6,840	-0,094	0,280
CHR4	8391416	CHR4:8391416	SSF x Near_LoA	-8,391	0,042	0,279
CHR4	8391461	CHR4:8391461	SSF x Near_LoA	2,994	0,074	0,277
CHR4	8399369	CHR4:8399369	SSF x Near_LoA	-8,029	-0,090	0,289
CHR4	8399467	CHR4:8399467	SSF x Near_LoA	-7,300	0,041	0,288
CHR4	8403303	CHR4:8403303	SSF x Near_LoA	-9,005	0,019	0,286
CHR4	8403304	CHR4:8403304	SSF x Near_LoA	-9,907	0,091	0,282
CHR4	8403316	CHR4:8403316	SSF x Near_LoA	-1,083	0,293	0,254
CHR4	8403399	CHR4:8403399	SSF x Near_LoA	-7,866	0,222	0,274
CHR4	8403408	CHR4:8403408	SSF x Near_LoA	-8,206	0,186	0,272
CHR4	8403412	CHR4:8403412	SSF x Near_LoA	-2,080	0,192	0,262
CHR4	8403453	CHR4:8403453	SSF x Near_LoA	-8,913	0,015	0,277
CHR4	8403527	CHR4:8403527	SSF x Near_LoA	-7,881	-0,139	0,290
CHR4	8403533	CHR4:8403533	SSF x Near_LoA	-9,365	0,156	0,273
CHR4	8413707	CHR4:8413707	SSF x Near_LoA	-9,444	-0,029	0,282
CHR4	8416569	CHR4:8416569	SSF x Near_LoA	-7,409	0,011	0,298
CHR4	8416641	CHR4:8416641	SSF x Near_LoA	-6,587	0,158	0,289
CHR4	8416719	CHR4:8416719	SSF x Near_LoA	-7,634	0,032	0,284
CHR4	8420267	CHR4:8420267	SSF x Near_LoA	-10,535	-0,077	0,280
CHR4	8420289	CHR4:8420289	SSF x Near_LoA	-7,406	-0,052	0,300
CHR4	843232	CHR4:843232	SSF x Near_LoA	-7,889	-0,118	0,288
CHR4	843460	CHR4:843460	SSF x Near_LoA	-7,120	-0,031	0,302
CHR4	8441686	CHR4:8441686	SSF x Near_LoA	0,797	-0,182	0,271
CHR4	844560	CHR4:844560	SSF x Near_LoA	-7,755	0,017	0,296
CHR4	844585	CHR4:844585	SSF x Near_LoA	-7,371	-0,038	0,297
CHR4	8448953	CHR4:8448953	SSF x Near_LoA	-6,960	0,077	0,294
CHR4	8448954	CHR4:8448954	SSF x Near_LoA	-8,014	0,047	0,287
CHR4	8456244	CHR4:8456244	SSF x Near_LoA	-6,989	0,220	0,274
CHR4	8470406	CHR4:8470406	SSF x Near_LoA	-11,003	-0,010	0,283
CHR4	8470450	CHR4:8470450	SSF x Near_LoA	-6,741	0,089	0,281
CHR4	8470495	CHR4:8470495	SSF x Near_LoA	-8,032	0,112	0,282
CHR4	8470505	CHR4:8470505	SSF x Near_LoA	-6,926	0,109	0,291
CHR4	8470548	CHR4:8470548	SSF x Near_LoA	-5,952	-0,142	0,280
CHR4	8482147	CHR4:8482147	SSF x Near_LoA	-10,047	0,117	0,280
CHR4	8482223	CHR4:8482223	SSF x Near_LoA	-6,483	-0,147	0,278
CHR4	8482235	CHR4:8482235	SSF x Near_LoA	-8,762	0,112	0,291
CHR4	8490635	CHR4:8490635	SSF x Near_LoA	-5,318	0,068	0,295
CHR4	8506895	CHR4:8506895	SSF x Near_LoA	-9,432	-0,043	0,281
CHR4	8507090	CHR4:8507090	SSF x Near_LoA	-6,680	0,166	0,275
CHR4	8507119	CHR4:8507119	SSF x Near_LoA	-4,048	0,171	0,272
CHR4	8510641	CHR4:8510641	SSF x Near_LoA	-5,339	0,111	0,269
CHR4	8510650	CHR4:8510650	SSF x Near_LoA	-5,771	0,150	0,275
CHR4	8510773	CHR4:8510773	SSF x Near_LoA	-5,926	0,116	0,265
CHR4	8510887	CHR4:8510887	SSF x Near_LoA	-10,894	0,005	0,289
CHR4	8543318	CHR4:8543318	SSF x Near_LoA	-8,021	-0,031	0,292
CHR4	8544899	CHR4:8544899	SSF x Near_LoA	5,456	0,149	0,280
CHR4	8544926	CHR4:8544926	SSF x Near_LoA	-7,755	-0,110	0,297
CHR4	8544934	CHR4:8544934	SSF x Near_LoA	-3,861	0,191	0,275
CHR4	8560383	CHR4:8560383	SSF x Near_LoA	-4,809	0,193	0,287

CHR4	8560450	CHR4:8560450	SSF x Near_LoA	-8,142	0,082	0,287
CHR4	8560476	CHR4:8560476	SSF x Near_LoA	-7,191	-0,035	0,289
CHR4	8560496	CHR4:8560496	SSF x Near_LoA	-4,710	0,147	0,286
CHR4	8560527	CHR4:8560527	SSF x Near_LoA	-9,058	-0,021	0,290
CHR4	8560626	CHR4:8560626	SSF x Near_LoA	-7,637	0,138	0,274
CHR4	8560632	CHR4:8560632	SSF x Near_LoA	-9,932	0,056	0,280
CHR4	8560685	CHR4:8560685	SSF x Near_LoA	-3,807	0,161	0,283
CHR4	8560690	CHR4:8560690	SSF x Near_LoA	-9,775	-0,027	0,292
CHR4	8560698	CHR4:8560698	SSF x Near_LoA	-5,879	0,162	0,289
CHR4	8560701	CHR4:8560701	SSF x Near_LoA	-7,543	0,138	0,277
CHR4	8560709	CHR4:8560709	SSF x Near_LoA	-8,012	0,078	0,291
CHR4	859297	CHR4:859297	SSF x Near_LoA	-9,192	-0,066	0,275
CHR4	859308	CHR4:859308	SSF x Near_LoA	-9,215	-0,052	0,284
CHR4	859427	CHR4:859427	SSF x Near_LoA	-8,115	-0,009	0,301
CHR4	859476	CHR4:859476	SSF x Near_LoA	-10,472	-0,077	0,281
CHR4	861022	CHR4:861022	SSF x Near_LoA	-7,790	0,035	0,282
CHR4	8613315	CHR4:8613315	SSF x Near_LoA	-0,159	-0,212	0,278
CHR4	8613417	CHR4:8613417	SSF x Near_LoA	-7,394	-0,083	0,288
CHR4	8643068	CHR4:8643068	SSF x Near_LoA	-9,570	-0,050	0,270
CHR4	8643163	CHR4:8643163	SSF x Near_LoA	-9,793	0,102	0,281
CHR4	8643187	CHR4:8643187	SSF x Near_LoA	-10,182	-0,072	0,292
CHR4	8647576	CHR4:8647576	SSF x Near_LoA	-7,063	-0,082	0,290
CHR4	8647596	CHR4:8647596	SSF x Near_LoA	-0,995	-0,024	0,294
CHR4	8682310	CHR4:8682310	SSF x Near_LoA	-7,826	-0,034	0,273
CHR4	8682495	CHR4:8682495	SSF x Near_LoA	-8,605	0,111	0,290
CHR4	8682533	CHR4:8682533	SSF x Near_LoA	-7,958	-0,156	0,277
CHR4	8687430	CHR4:8687430	SSF x Near_LoA	-9,251	0,005	0,285
CHR4	8687446	CHR4:8687446	SSF x Near_LoA	-9,419	0,036	0,292
CHR4	8687466	CHR4:8687466	SSF x Near_LoA	-8,529	0,052	0,280
CHR4	8687482	CHR4:8687482	SSF x Near_LoA	-8,774	0,061	0,280
CHR4	8687494	CHR4:8687494	SSF x Near_LoA	-7,111	0,021	0,295
CHR4	8687497	CHR4:8687497	SSF x Near_LoA	-5,292	-0,039	0,286
CHR4	8687543	CHR4:8687543	SSF x Near_LoA	-9,018	0,047	0,285
CHR4	8687565	CHR4:8687565	SSF x Near_LoA	-8,904	-0,022	0,283
CHR4	8687574	CHR4:8687574	SSF x Near_LoA	-6,880	0,106	0,279
CHR4	8687587	CHR4:8687587	SSF x Near_LoA	-6,964	-0,007	0,292
CHR4	8708875	CHR4:8708875	SSF x Near_LoA	-8,947	-0,042	0,280
CHR4	8709016	CHR4:8709016	SSF x Near_LoA	-9,674	0,031	0,279
CHR4	8709097	CHR4:8709097	SSF x Near_LoA	-8,238	-0,016	0,284
CHR4	8709150	CHR4:8709150	SSF x Near_LoA	-9,209	0,073	0,286
CHR4	8724727	CHR4:8724727	SSF x Near_LoA	-10,594	-0,023	0,285
CHR4	872872	CHR4:872872	SSF x Near_LoA	-10,279	0,007	0,279
CHR4	872876	CHR4:872876	SSF x Near_LoA	-7,175	-0,039	0,277
CHR4	872903	CHR4:872903	SSF x Near_LoA	-6,883	-0,185	0,288
CHR4	872961	CHR4:872961	SSF x Near_LoA	-8,755	0,038	0,296
CHR4	8740945	CHR4:8740945	SSF x Near_LoA	-7,665	-0,073	0,274
CHR4	8740968	CHR4:8740968	SSF x Near_LoA	-6,246	0,148	0,290
CHR4	8765052	CHR4:8765052	SSF x Near_LoA	-9,699	-0,059	0,283
CHR4	8766253	CHR4:8766253	SSF x Near_LoA	-6,795	0,059	0,276
CHR4	8770836	CHR4:8770836	SSF x Near_LoA	-10,197	0,036	0,282
CHR4	8783679	CHR4:8783679	SSF x Near_LoA	-10,265	-0,013	0,289
CHR4	8788041	CHR4:8788041	SSF x Near_LoA	-8,871	-0,079	0,281
CHR4	8788064	CHR4:8788064	SSF x Near_LoA	-4,853	-0,094	0,281

CHR4	8788212	CHR4:8788212	SSF x Near_LoA	-9,455	0,006	0,295
CHR4	8790327	CHR4:8790327	SSF x Near_LoA	-7,540	0,016	0,268
CHR4	8794322	CHR4:8794322	SSF x Near_LoA	-8,067	0,179	0,271
CHR4	8827047	CHR4:8827047	SSF x Near_LoA	-10,163	-0,029	0,272
CHR4	8830512	CHR4:8830512	SSF x Near_LoA	-3,366	0,274	0,242
CHR4	8830560	CHR4:8830560	SSF x Near_LoA	-8,010	-0,007	0,271
CHR4	8830677	CHR4:8830677	SSF x Near_LoA	-7,528	-0,004	0,297
CHR4	8830711	CHR4:8830711	SSF x Near_LoA	-8,626	0,108	0,280
CHR4	8832476	CHR4:8832476	SSF x Near_LoA	-8,342	-0,026	0,280
CHR4	8832490	CHR4:8832490	SSF x Near_LoA	-0,776	-0,190	0,274
CHR4	8835517	CHR4:8835517	SSF x Near_LoA	-9,569	-0,077	0,290
CHR4	8835576	CHR4:8835576	SSF x Near_LoA	-6,044	0,148	0,269
CHR4	8843674	CHR4:8843674	SSF x Near_LoA	-8,917	-0,063	0,290
CHR4	8843677	CHR4:8843677	SSF x Near_LoA	-8,516	0,095	0,288
CHR4	8843709	CHR4:8843709	SSF x Near_LoA	-9,346	0,022	0,294
CHR4	8843764	CHR4:8843764	SSF x Near_LoA	-10,360	-0,050	0,289
CHR4	8843956	CHR4:8843956	SSF x Near_LoA	-8,053	0,018	0,293
CHR4	8847233	CHR4:8847233	SSF x Near_LoA	-6,618	0,153	0,290
CHR4	8854785	CHR4:8854785	SSF x Near_LoA	-9,522	0,011	0,276
CHR4	8854815	CHR4:8854815	SSF x Near_LoA	-5,939	-0,002	0,292
CHR4	8855044	CHR4:8855044	SSF x Near_LoA	-7,802	0,017	0,284
CHR4	8855128	CHR4:8855128	SSF x Near_LoA	-7,288	0,095	0,287
CHR4	8868829	CHR4:8868829	SSF x Near_LoA	-3,005	-0,025	0,295
CHR4	8869033	CHR4:8869033	SSF x Near_LoA	-8,560	-0,030	0,284
CHR4	8949913	CHR4:8949913	SSF x Near_LoA	-9,622	-0,104	0,269
CHR4	8949963	CHR4:8949963	SSF x Near_LoA	-9,402	0,062	0,275
CHR4	8950048	CHR4:8950048	SSF x Near_LoA	-10,442	-0,039	0,301
CHR4	8958219	CHR4:8958219	SSF x Near_LoA	0,023	-0,218	0,284
CHR4	8958232	CHR4:8958232	SSF x Near_LoA	-10,384	0,066	0,283
CHR4	8958282	CHR4:8958282	SSF x Near_LoA	-0,648	-0,056	0,281
CHR4	8958285	CHR4:8958285	SSF x Near_LoA	-5,701	0,215	0,281
CHR4	8958591	CHR4:8958591	SSF x Near_LoA	-9,660	0,024	0,294
CHR4	8958610	CHR4:8958610	SSF x Near_LoA	-7,735	0,119	0,287
CHR4	8969363	CHR4:8969363	SSF x Near_LoA	-6,356	-0,121	0,281
CHR4	8969393	CHR4:8969393	SSF x Near_LoA	-9,647	-0,012	0,301
CHR4	8969501	CHR4:8969501	SSF x Near_LoA	-7,716	-0,072	0,272
CHR4	8972576	CHR4:8972576	SSF x Near_LoA	-9,537	0,053	0,285
CHR4	8972589	CHR4:8972589	SSF x Near_LoA	-9,464	0,066	0,285
CHR4	8977370	CHR4:8977370	SSF x Near_LoA	-8,977	0,042	0,283
CHR4	8977441	CHR4:8977441	SSF x Near_LoA	-11,046	-0,071	0,272
CHR4	8977544	CHR4:8977544	SSF x Near_LoA	-2,673	-0,054	0,296
CHR4	8982778	CHR4:8982778	SSF x Near_LoA	-7,704	-0,012	0,291
CHR4	8982803	CHR4:8982803	SSF x Near_LoA	-9,115	-0,024	0,283
CHR4	8982817	CHR4:8982817	SSF x Near_LoA	-5,989	-0,073	0,288
CHR4	8988632	CHR4:8988632	SSF x Near_LoA	-6,463	0,014	0,266
CHR4	9000258	CHR4:9000258	SSF x Near_LoA	-4,573	0,187	0,274
CHR4	9000413	CHR4:9000413	SSF x Near_LoA	-8,272	-0,003	0,297
CHR4	9000583	CHR4:9000583	SSF x Near_LoA	-7,561	0,069	0,279
CHR4	9004809	CHR4:9004809	SSF x Near_LoA	-10,362	0,035	0,274
CHR4	9004871	CHR4:9004871	SSF x Near_LoA	-10,569	0,068	0,274
CHR4	9004902	CHR4:9004902	SSF x Near_LoA	-9,427	-0,034	0,263
CHR4	900952	CHR4:900952	SSF x Near_LoA	-2,287	-0,105	0,294
CHR4	900959	CHR4:900959	SSF x Near_LoA	-8,394	0,071	0,278

CHR4	9018640	CHR4:9018640	SSF x Near_LoA	-9,944	-0,080	0,281
CHR4	9018799	CHR4:9018799	SSF x Near_LoA	-4,469	-0,202	0,268
CHR4	9018806	CHR4:9018806	SSF x Near_LoA	-9,221	0,039	0,277
CHR4	904288	CHR4:904288	SSF x Near_LoA	-1,591	-0,234	0,262
CHR4	904627	CHR4:904627	SSF x Near_LoA	-7,539	-0,034	0,279
CHR4	9048023	CHR4:9048023	SSF x Near_LoA	-8,412	-0,062	0,291
CHR4	9053483	CHR4:9053483	SSF x Near_LoA	-6,298	-0,109	0,295
CHR4	9053700	CHR4:9053700	SSF x Near_LoA	-9,587	-0,040	0,288
CHR4	9053703	CHR4:9053703	SSF x Near_LoA	-4,982	-0,036	0,283
CHR4	9056952	CHR4:9056952	SSF x Near_LoA	-7,637	0,004	0,273
CHR4	9056962	CHR4:9056962	SSF x Near_LoA	-6,993	-0,111	0,286
CHR4	9056986	CHR4:9056986	SSF x Near_LoA	-2,604	0,180	0,287
CHR4	9057012	CHR4:9057012	SSF x Near_LoA	-7,163	0,106	0,286
CHR4	9057040	CHR4:9057040	SSF x Near_LoA	-7,491	0,028	0,280
CHR4	9057724	CHR4:9057724	SSF x Near_LoA	-8,189	0,005	0,279
CHR4	9059814	CHR4:9059814	SSF x Near_LoA	-9,899	-0,035	0,282
CHR4	9062306	CHR4:9062306	SSF x Near_LoA	1,276	0,158	0,285
CHR4	9062310	CHR4:9062310	SSF x Near_LoA	-8,436	-0,093	0,279
CHR4	9069255	CHR4:9069255	SSF x Near_LoA	-9,123	0,058	0,304
CHR4	9069264	CHR4:9069264	SSF x Near_LoA	-7,220	0,098	0,270
CHR4	9069366	CHR4:9069366	SSF x Near_LoA	-7,147	-0,010	0,287
CHR4	9069420	CHR4:9069420	SSF x Near_LoA	-9,488	-0,001	0,277
CHR4	9073903	CHR4:9073903	SSF x Near_LoA	-7,789	-0,036	0,290
CHR4	9073958	CHR4:9073958	SSF x Near_LoA	-6,962	0,003	0,294
CHR4	9082404	CHR4:9082404	SSF x Near_LoA	-10,819	0,074	0,283
CHR4	9084599	CHR4:9084599	SSF x Near_LoA	-7,983	0,040	0,292
CHR4	9084657	CHR4:9084657	SSF x Near_LoA	-8,428	-0,089	0,282
CHR4	9084778	CHR4:9084778	SSF x Near_LoA	-8,137	0,048	0,287
CHR4	9084933	CHR4:9084933	SSF x Near_LoA	-8,984	0,026	0,281
CHR4	9111610	CHR4:9111610	SSF x Near_LoA	-9,784	-0,065	0,284
CHR4	9123059	CHR4:9123059	SSF x Near_LoA	-9,107	-0,038	0,295
CHR4	9123077	CHR4:9123077	SSF x Near_LoA	-9,204	-0,024	0,306
CHR4	9123344	CHR4:9123344	SSF x Near_LoA	-3,206	-0,040	0,281
CHR4	9130466	CHR4:9130466	SSF x Near_LoA	-6,586	0,137	0,278
CHR4	9130537	CHR4:9130537	SSF x Near_LoA	-8,130	0,091	0,283
CHR4	9130565	CHR4:9130565	SSF x Near_LoA	-5,665	-0,027	0,285
CHR4	9132132	CHR4:9132132	SSF x Near_LoA	-8,531	-0,174	0,276
CHR4	9132339	CHR4:9132339	SSF x Near_LoA	-9,268	0,102	0,274
CHR4	9132825	CHR4:9132825	SSF x Near_LoA	-9,044	-0,008	0,293
CHR4	9132957	CHR4:9132957	SSF x Near_LoA	-8,513	-0,107	0,279
CHR4	9178379	CHR4:9178379	SSF x Near_LoA	-6,724	-0,191	0,271
CHR4	9178444	CHR4:9178444	SSF x Near_LoA	-9,691	0,109	0,286
CHR4	9178540	CHR4:9178540	SSF x Near_LoA	-5,158	0,179	0,274
CHR4	9178606	CHR4:9178606	SSF x Near_LoA	-5,908	0,110	0,290
CHR4	9194107	CHR4:9194107	SSF x Near_LoA	-0,283	-0,013	0,314
CHR4	9224403	CHR4:9224403	SSF x Near_LoA	-8,786	0,070	0,280
CHR4	9266734	CHR4:9266734	SSF x Near_LoA	-9,397	-0,022	0,285
CHR4	927632	CHR4:927632	SSF x Near_LoA	-8,763	-0,012	0,271
CHR4	927747	CHR4:927747	SSF x Near_LoA	-8,167	0,033	0,290
CHR4	927763	CHR4:927763	SSF x Near_LoA	-3,695	0,046	0,303
CHR4	927788	CHR4:927788	SSF x Near_LoA	-6,083	-0,151	0,270
CHR4	9279909	CHR4:9279909	SSF x Near_LoA	-9,348	-0,020	0,285
CHR4	932383	CHR4:932383	SSF x Near_LoA	-9,457	-0,045	0,279

CHR4	932401	CHR4:932401	SSF x Near_LoA	-4,855	0,176	0,278
CHR4	932421	CHR4:932421	SSF x Near_LoA	-5,417	0,183	0,287
CHR4	932587	CHR4:932587	SSF x Near_LoA	-8,199	-0,046	0,285
CHR4	932611	CHR4:932611	SSF x Near_LoA	-8,468	-0,031	0,296
CHR4	932674	CHR4:932674	SSF x Near_LoA	-5,349	-0,077	0,285
CHR4	9381117	CHR4:9381117	SSF x Near_LoA	-7,932	-0,053	0,289
CHR4	9386310	CHR4:9386310	SSF x Near_LoA	-8,991	-0,033	0,280
CHR4	9386336	CHR4:9386336	SSF x Near_LoA	-2,770	-0,184	0,270
CHR4	9386351	CHR4:9386351	SSF x Near_LoA	-8,981	-0,069	0,286
CHR4	9420743	CHR4:9420743	SSF x Near_LoA	-4,498	-0,141	0,274
CHR4	9424322	CHR4:9424322	SSF x Near_LoA	0,056	-0,207	0,278
CHR4	9430011	CHR4:9430011	SSF x Near_LoA	-9,905	0,019	0,286
CHR4	9430030	CHR4:9430030	SSF x Near_LoA	-8,800	0,064	0,278
CHR4	9472876	CHR4:9472876	SSF x Near_LoA	-9,176	0,039	0,284
CHR4	9472939	CHR4:9472939	SSF x Near_LoA	-5,033	0,031	0,291
CHR4	9487615	CHR4:9487615	SSF x Near_LoA	0,187	0,186	0,281
CHR4	9487636	CHR4:9487636	SSF x Near_LoA	-9,452	0,061	0,282
CHR4	9487861	CHR4:9487861	SSF x Near_LoA	-7,668	-0,087	0,290
CHR4	9491150	CHR4:9491150	SSF x Near_LoA	-4,041	0,167	0,277
CHR4	9491155	CHR4:9491155	SSF x Near_LoA	-8,023	-0,125	0,287
CHR4	9491233	CHR4:9491233	SSF x Near_LoA	-6,942	-0,050	0,283
CHR4	9491234	CHR4:9491234	SSF x Near_LoA	-6,611	-0,059	0,291
CHR4	9491258	CHR4:9491258	SSF x Near_LoA	-6,891	-0,038	0,301
CHR4	9491279	CHR4:9491279	SSF x Near_LoA	-9,888	0,038	0,279
CHR4	9491289	CHR4:9491289	SSF x Near_LoA	-6,200	0,047	0,304
CHR4	9491316	CHR4:9491316	SSF x Near_LoA	-6,920	-0,106	0,289
CHR4	949491	CHR4:949491	SSF x Near_LoA	-7,913	0,008	0,286
CHR4	949530	CHR4:949530	SSF x Near_LoA	-8,064	-0,092	0,295
CHR4	949555	CHR4:949555	SSF x Near_LoA	-9,873	-0,091	0,277
CHR4	9497646	CHR4:9497646	SSF x Near_LoA	-6,796	-0,142	0,282
CHR4	9497657	CHR4:9497657	SSF x Near_LoA	-7,239	0,114	0,267
CHR4	9497695	CHR4:9497695	SSF x Near_LoA	-4,186	0,209	0,272
CHR4	9497700	CHR4:9497700	SSF x Near_LoA	-8,837	0,067	0,273
CHR4	9497711	CHR4:9497711	SSF x Near_LoA	-8,116	0,056	0,290
CHR4	9519611	CHR4:9519611	SSF x Near_LoA	-9,895	0,039	0,286
CHR4	9519636	CHR4:9519636	SSF x Near_LoA	-6,353	-0,091	0,287
CHR4	9519649	CHR4:9519649	SSF x Near_LoA	-7,854	-0,030	0,276
CHR4	9519752	CHR4:9519752	SSF x Near_LoA	-6,981	0,076	0,284
CHR4	9519758	CHR4:9519758	SSF x Near_LoA	-5,227	-0,108	0,281
CHR4	9519774	CHR4:9519774	SSF x Near_LoA	-6,653	-0,044	0,294
CHR4	9519787	CHR4:9519787	SSF x Near_LoA	-7,853	-0,082	0,280
CHR4	9519790	CHR4:9519790	SSF x Near_LoA	-6,067	-0,087	0,293
CHR4	9537313	CHR4:9537313	SSF x Near_LoA	-7,078	-0,135	0,284
CHR4	9537386	CHR4:9537386	SSF x Near_LoA	-7,058	-0,033	0,273
CHR4	9537608	CHR4:9537608	SSF x Near_LoA	-6,743	0,148	0,286
CHR4	9548910	CHR4:9548910	SSF x Near_LoA	-1,580	0,271	0,278
CHR4	9548962	CHR4:9548962	SSF x Near_LoA	-3,771	0,292	0,266
CHR4	9549270	CHR4:9549270	SSF x Near_LoA	-9,554	-0,013	0,295
CHR4	9550415	CHR4:9550415	SSF x Near_LoA	-6,999	-0,022	0,292
CHR4	9550437	CHR4:9550437	SSF x Near_LoA	-7,364	-0,006	0,295
CHR4	9550444	CHR4:9550444	SSF x Near_LoA	-6,504	-0,052	0,294
CHR4	9550458	CHR4:9550458	SSF x Near_LoA	-7,533	-0,013	0,282
CHR4	9550493	CHR4:9550493	SSF x Near_LoA	-7,483	-0,095	0,292

CHR4	9550605	CHR4:9550605	SSF x Near_LoA	-8,056	-0,108	0,277
CHR4	9551780	CHR4:9551780	SSF x Near_LoA	-4,065	-0,118	0,292
CHR4	9551786	CHR4:9551786	SSF x Near_LoA	-7,669	-0,036	0,277
CHR4	9551874	CHR4:9551874	SSF x Near_LoA	-4,728	-0,191	0,272
CHR4	9551875	CHR4:9551875	SSF x Near_LoA	-5,321	-0,163	0,284
CHR4	9551895	CHR4:9551895	SSF x Near_LoA	-9,315	-0,055	0,293
CHR4	9551961	CHR4:9551961	SSF x Near_LoA	-8,890	0,083	0,281
CHR4	9558144	CHR4:9558144	SSF x Near_LoA	-6,018	0,040	0,299
CHR4	9558161	CHR4:9558161	SSF x Near_LoA	-6,020	-0,015	0,300
CHR4	9558182	CHR4:9558182	SSF x Near_LoA	-7,213	-0,081	0,286
CHR4	9558255	CHR4:9558255	SSF x Near_LoA	-9,499	-0,007	0,282
CHR4	9558300	CHR4:9558300	SSF x Near_LoA	-9,286	0,047	0,295
CHR4	9559988	CHR4:9559988	SSF x Near_LoA	-9,504	0,036	0,280
CHR4	9565123	CHR4:9565123	SSF x Near_LoA	-7,710	-0,094	0,285
CHR4	9570700	CHR4:9570700	SSF x Near_LoA	-5,763	0,103	0,293
CHR4	9571553	CHR4:9571553	SSF x Near_LoA	-7,948	-0,128	0,281
CHR4	9571687	CHR4:9571687	SSF x Near_LoA	-0,983	-0,039	0,295
CHR4	9574920	CHR4:9574920	SSF x Near_LoA	-9,148	-0,119	0,285
CHR4	9575084	CHR4:9575084	SSF x Near_LoA	-7,725	0,037	0,297
CHR4	9576805	CHR4:9576805	SSF x Near_LoA	-4,547	-0,002	0,277
CHR4	9576946	CHR4:9576946	SSF x Near_LoA	-7,000	0,123	0,280
CHR4	9582654	CHR4:9582654	SSF x Near_LoA	-5,356	-0,175	0,278
CHR4	9603908	CHR4:9603908	SSF x Near_LoA	-6,938	0,125	0,287
CHR4	9603928	CHR4:9603928	SSF x Near_LoA	-8,615	0,041	0,297
CHR4	9603945	CHR4:9603945	SSF x Near_LoA	-7,865	0,002	0,301
CHR4	9604003	CHR4:9604003	SSF x Near_LoA	-7,052	-0,032	0,302
CHR4	9604059	CHR4:9604059	SSF x Near_LoA	-10,784	0,032	0,285
CHR4	9613585	CHR4:9613585	SSF x Near_LoA	-6,281	0,005	0,285
CHR4	9613690	CHR4:9613690	SSF x Near_LoA	-6,956	-0,047	0,300
CHR4	9621351	CHR4:9621351	SSF x Near_LoA	-8,097	0,080	0,285
CHR4	9621368	CHR4:9621368	SSF x Near_LoA	-10,955	0,004	0,264
CHR4	9621384	CHR4:9621384	SSF x Near_LoA	-7,817	0,111	0,282
CHR4	9621542	CHR4:9621542	SSF x Near_LoA	-10,795	0,061	0,276
CHR4	9630511	CHR4:9630511	SSF x Near_LoA	-9,140	-0,060	0,286
CHR4	9630542	CHR4:9630542	SSF x Near_LoA	-8,118	-0,064	0,295
CHR4	9630546	CHR4:9630546	SSF x Near_LoA	-8,653	-0,020	0,292
CHR4	9630613	CHR4:9630613	SSF x Near_LoA	-7,244	0,024	0,301
CHR4	9636168	CHR4:9636168	SSF x Near_LoA	-8,040	-0,069	0,273
CHR4	9636402	CHR4:9636402	SSF x Near_LoA	-6,374	-0,021	0,285
CHR4	96463	CHR4:96463	SSF x Near_LoA	-6,208	0,067	0,284
CHR4	9661246	CHR4:9661246	SSF x Near_LoA	-7,938	0,011	0,295
CHR4	9661372	CHR4:9661372	SSF x Near_LoA	-9,777	0,039	0,276
CHR4	9661375	CHR4:9661375	SSF x Near_LoA	-9,442	0,029	0,294
CHR4	9661379	CHR4:9661379	SSF x Near_LoA	-9,839	-0,015	0,296
CHR4	9661430	CHR4:9661430	SSF x Near_LoA	-4,659	0,068	0,292
CHR4	9733516	CHR4:9733516	SSF x Near_LoA	-7,412	0,009	0,299
CHR4	9733521	CHR4:9733521	SSF x Near_LoA	-5,621	0,032	0,303
CHR4	9733545	CHR4:9733545	SSF x Near_LoA	-6,899	0,118	0,293
CHR4	9733554	CHR4:9733554	SSF x Near_LoA	-7,916	0,124	0,281
CHR4	9733556	CHR4:9733556	SSF x Near_LoA	-8,871	0,108	0,287
CHR4	9733561	CHR4:9733561	SSF x Near_LoA	-7,994	0,026	0,301
CHR4	9733563	CHR4:9733563	SSF x Near_LoA	-7,045	0,092	0,297
CHR4	9733570	CHR4:9733570	SSF x Near_LoA	-8,558	0,081	0,280

CHR4	9733582	CHR4:9733582	SSF x Near_LoA	-8,370	0,086	0,288
CHR4	9733585	CHR4:9733585	SSF x Near_LoA	-6,635	0,117	0,295
CHR4	9793055	CHR4:9793055	SSF x Near_LoA	-7,035	-0,045	0,292
CHR4	9793257	CHR4:9793257	SSF x Near_LoA	-8,637	0,002	0,280
CHR4	9793322	CHR4:9793322	SSF x Near_LoA	-7,004	-0,021	0,292
CHR4	9810393	CHR4:9810393	SSF x Near_LoA	-8,009	-0,156	0,277
CHR4	9810402	CHR4:9810402	SSF x Near_LoA	-10,848	0,028	0,271
CHR4	9810404	CHR4:9810404	SSF x Near_LoA	-9,089	0,049	0,270
CHR4	9810412	CHR4:9810412	SSF x Near_LoA	-1,807	0,027	0,275
CHR4	9810420	CHR4:9810420	SSF x Near_LoA	-7,874	0,033	0,283
CHR4	9810422	CHR4:9810422	SSF x Near_LoA	-9,787	0,057	0,271
CHR4	9810434	CHR4:9810434	SSF x Near_LoA	-8,920	0,048	0,273
CHR4	9812865	CHR4:9812865	SSF x Near_LoA	-3,534	0,016	0,288
CHR4	9813067	CHR4:9813067	SSF x Near_LoA	-7,916	-0,052	0,289
CHR4	9820508	CHR4:9820508	SSF x Near_LoA	-9,526	-0,027	0,292
CHR4	9842248	CHR4:9842248	SSF x Near_LoA	-6,794	-0,042	0,288
CHR4	9842327	CHR4:9842327	SSF x Near_LoA	-9,342	-0,042	0,281
CHR4	9842379	CHR4:9842379	SSF x Near_LoA	-7,586	-0,006	0,284
CHR4	9842414	CHR4:9842414	SSF x Near_LoA	-9,001	0,015	0,275
CHR4	9842573	CHR4:9842573	SSF x Near_LoA	-10,118	-0,089	0,282
CHR4	9842584	CHR4:9842584	SSF x Near_LoA	-7,719	-0,128	0,298
CHR4	9842586	CHR4:9842586	SSF x Near_LoA	-8,846	-0,097	0,300
CHR4	9842632	CHR4:9842632	SSF x Near_LoA	-10,389	-0,054	0,285
CHR4	986664	CHR4:986664	SSF x Near_LoA	6,410	-0,102	0,275
CHR4	986767	CHR4:986767	SSF x Near_LoA	-6,533	-0,114	0,294
CHR4	9867932	CHR4:9867932	SSF x Near_LoA	-9,288	0,063	0,281
CHR4	986816	CHR4:986816	SSF x Near_LoA	-6,082	-0,050	0,291
CHR4	9869948	CHR4:9869948	SSF x Near_LoA	-8,774	-0,108	0,281
CHR4	9870021	CHR4:9870021	SSF x Near_LoA	-8,267	0,071	0,287
CHR4	9870036	CHR4:9870036	SSF x Near_LoA	-9,830	-0,006	0,283
CHR4	9870122	CHR4:9870122	SSF x Near_LoA	-7,662	0,002	0,297
CHR4	9872006	CHR4:9872006	SSF x Near_LoA	-9,232	0,116	0,285
CHR4	9880701	CHR4:9880701	SSF x Near_LoA	-4,982	0,042	0,296
CHR4	9880912	CHR4:9880912	SSF x Near_LoA	-9,425	0,012	0,289
CHR4	9884585	CHR4:9884585	SSF x Near_LoA	-6,679	0,023	0,298
CHR4	9885728	CHR4:9885728	SSF x Near_LoA	-7,656	0,018	0,292
CHR4	9894675	CHR4:9894675	SSF x Near_LoA	-7,763	0,036	0,289
CHR4	9894685	CHR4:9894685	SSF x Near_LoA	-7,793	0,083	0,273
CHR4	9894708	CHR4:9894708	SSF x Near_LoA	-7,686	0,117	0,271
CHR4	9894729	CHR4:9894729	SSF x Near_LoA	-4,055	0,179	0,269
CHR4	9894744	CHR4:9894744	SSF x Near_LoA	-9,748	0,019	0,281
CHR4	9894858	CHR4:9894858	SSF x Near_LoA	-4,395	0,225	0,260
CHR4	9894859	CHR4:9894859	SSF x Near_LoA	-4,995	0,224	0,249
CHR4	9899137	CHR4:9899137	SSF x Near_LoA	-9,396	-0,059	0,285
CHR4	9899148	CHR4:9899148	SSF x Near_LoA	-7,896	0,045	0,270
CHR4	9899149	CHR4:9899149	SSF x Near_LoA	-7,080	0,071	0,283
CHR4	9899165	CHR4:9899165	SSF x Near_LoA	-7,089	0,083	0,285
CHR4	9899274	CHR4:9899274	SSF x Near_LoA	-7,559	0,065	0,284
CHR4	9899276	CHR4:9899276	SSF x Near_LoA	-2,858	0,130	0,299
CHR4	9899280	CHR4:9899280	SSF x Near_LoA	-9,296	0,020	0,272
CHR4	9899284	CHR4:9899284	SSF x Near_LoA	-7,376	0,070	0,281
CHR4	9899370	CHR4:9899370	SSF x Near_LoA	-10,139	-0,008	0,285
CHR4	990334	CHR4:990334	SSF x Near_LoA	-9,110	0,041	0,281

CHR4	990508	CHR4:990508	SSF x Near_LoA	-6,691	-0,143	0,281
CHR4	990609	CHR4:990609	SSF x Near_LoA	-7,868	0,109	0,283
CHR4	9920709	CHR4:9920709	SSF x Near_LoA	-6,499	0,155	0,271
CHR4	9920868	CHR4:9920868	SSF x Near_LoA	-8,207	0,074	0,285
CHR4	9920877	CHR4:9920877	SSF x Near_LoA	-6,737	-0,143	0,271
CHR4	9928536	CHR4:9928536	SSF x Near_LoA	-7,588	-0,139	0,285
CHR4	9928548	CHR4:9928548	SSF x Near_LoA	-6,921	-0,015	0,282
CHR4	993785	CHR4:993785	SSF x Near_LoA	-7,546	-0,037	0,289
CHR4	993794	CHR4:993794	SSF x Near_LoA	-7,377	-0,039	0,292
CHR4	9945557	CHR4:9945557	SSF x Near_LoA	-6,698	-0,136	0,273
CHR4	9945583	CHR4:9945583	SSF x Near_LoA	-7,769	-0,155	0,281
CHR4	9945648	CHR4:9945648	SSF x Near_LoA	-7,433	-0,061	0,290
CHR4	9945703	CHR4:9945703	SSF x Near_LoA	-9,264	-0,027	0,284
CHR4	996079	CHR4:996079	SSF x Near_LoA	-8,650	0,078	0,297
CHR4	996149	CHR4:996149	SSF x Near_LoA	-8,489	-0,049	0,277
CHR4	996194	CHR4:996194	SSF x Near_LoA	-7,553	0,132	0,283
CHR4	996226	CHR4:996226	SSF x Near_LoA	-7,334	0,072	0,282
CHR4	996256	CHR4:996256	SSF x Near_LoA	-8,793	0,092	0,292
CHR4	9962654	CHR4:9962654	SSF x Near_LoA	-6,428	-0,140	0,280
CHR4	9972028	CHR4:9972028	SSF x Near_LoA	-6,873	0,084	0,279
CHR4	9972068	CHR4:9972068	SSF x Near_LoA	-5,492	0,071	0,287
CHR4	9972071	CHR4:9972071	SSF x Near_LoA	-5,908	0,055	0,296
CHR4	9972120	CHR4:9972120	SSF x Near_LoA	-6,997	0,055	0,295
CHR4	9972234	CHR4:9972234	SSF x Near_LoA	-7,839	-0,031	0,294
CHR4	9974518	CHR4:9974518	SSF x Near_LoA	-6,946	-0,067	0,284
CHR4	9974523	CHR4:9974523	SSF x Near_LoA	-5,522	-0,131	0,288
CHR4	9974571	CHR4:9974571	SSF x Near_LoA	-7,495	0,009	0,288
CHR4	9974699	CHR4:9974699	SSF x Near_LoA	-7,560	-0,066	0,292
CHR5	1E+07	CHR5:10019076	SSF x Near_LoA	-11,277	-0,001	0,264
CHR5	1E+07	CHR5:10019373	SSF x Near_LoA	-8,276	0,017	0,286
CHR5	1E+07	CHR5:10019374	SSF x Near_LoA	-6,770	0,002	0,307
CHR5	1E+07	CHR5:10019384	SSF x Near_LoA	-5,991	0,152	0,271
CHR5	1E+07	CHR5:10032221	SSF x Near_LoA	-8,660	0,066	0,279
CHR5	1E+07	CHR5:10032238	SSF x Near_LoA	-9,628	0,064	0,274
CHR5	1E+07	CHR5:10032246	SSF x Near_LoA	-9,462	0,096	0,269
CHR5	1E+07	CHR5:10032441	SSF x Near_LoA	-9,448	0,044	0,266
CHR5	1E+07	CHR5:10032640	SSF x Near_LoA	-6,326	-0,184	0,286
CHR5	1E+07	CHR5:10038053	SSF x Near_LoA	-6,354	0,112	0,282
CHR5	1E+07	CHR5:10038054	SSF x Near_LoA	-7,573	0,057	0,282
CHR5	1E+07	CHR5:10038207	SSF x Near_LoA	-9,330	-0,060	0,281
CHR5	1E+07	CHR5:10039393	SSF x Near_LoA	-7,085	-0,059	0,299
CHR5	1E+07	CHR5:10039426	SSF x Near_LoA	-8,819	-0,042	0,296
CHR5	1E+07	CHR5:10039579	SSF x Near_LoA	-5,819	0,029	0,294
CHR5	1E+07	CHR5:10057287	SSF x Near_LoA	-7,780	-0,116	0,298
CHR5	1E+07	CHR5:10057312	SSF x Near_LoA	-8,819	0,033	0,281
CHR5	1E+07	CHR5:10060644	SSF x Near_LoA	-7,710	-0,004	0,295
CHR5	1E+07	CHR5:10063762	SSF x Near_LoA	-8,905	-0,101	0,285
CHR5	1E+07	CHR5:10063928	SSF x Near_LoA	-7,628	0,070	0,281
CHR5	1E+07	CHR5:10064061	SSF x Near_LoA	-4,331	0,016	0,301
CHR5	1E+07	CHR5:10074339	SSF x Near_LoA	-10,304	0,096	0,279
CHR5	1E+07	CHR5:10074640	SSF x Near_LoA	-8,948	-0,088	0,280
CHR5	1E+07	CHR5:10077424	SSF x Near_LoA	-10,481	0,015	0,286
CHR5	1E+07	CHR5:10077457	SSF x Near_LoA	-10,072	0,002	0,296

CHR5	1E+07	CHR5:10079660	SSF x Near_LoA	-8,291	0,041	0,287
CHR5	1E+07	CHR5:10100064	SSF x Near_LoA	-6,291	-0,005	0,291
CHR5	1E+07	CHR5:10100079	SSF x Near_LoA	-10,508	-0,006	0,285
CHR5	1E+07	CHR5:10100087	SSF x Near_LoA	-8,662	-0,116	0,284
CHR5	1E+07	CHR5:10107221	SSF x Near_LoA	-5,066	-0,091	0,298
CHR5	1E+07	CHR5:10107222	SSF x Near_LoA	-2,912	-0,100	0,309
CHR5	1E+07	CHR5:10108218	SSF x Near_LoA	-9,405	-0,051	0,286
CHR5	1E+07	CHR5:10108300	SSF x Near_LoA	3,488	-0,259	0,275
CHR5	1E+07	CHR5:10108319	SSF x Near_LoA	-7,381	-0,144	0,283
CHR5	1E+07	CHR5:10112002	SSF x Near_LoA	-9,384	-0,071	0,287
CHR5	1E+07	CHR5:10112004	SSF x Near_LoA	-7,692	0,104	0,288
CHR5	1E+07	CHR5:10112238	SSF x Near_LoA	-9,948	-0,097	0,284
CHR5	1E+07	CHR5:10112244	SSF x Near_LoA	-9,043	0,065	0,279
CHR5	1E+07	CHR5:10127596	SSF x Near_LoA	-8,882	-0,072	0,283
CHR5	1E+07	CHR5:10132626	SSF x Near_LoA	-3,690	0,200	0,262
CHR5	1E+07	CHR5:10132677	SSF x Near_LoA	-10,935	0,023	0,290
CHR5	1E+07	CHR5:10140177	SSF x Near_LoA	-7,693	0,028	0,290
CHR5	1E+07	CHR5:10157337	SSF x Near_LoA	-10,390	0,023	0,308
CHR5	1E+07	CHR5:10157540	SSF x Near_LoA	-9,905	-0,023	0,288
CHR5	1E+07	CHR5:10157661	SSF x Near_LoA	-5,408	0,172	0,287
CHR5	1E+07	CHR5:10162585	SSF x Near_LoA	-9,916	0,043	0,297
CHR5	1E+07	CHR5:10162676	SSF x Near_LoA	-3,432	0,198	0,291
CHR5	1E+07	CHR5:10162721	SSF x Near_LoA	-9,084	-0,082	0,297
CHR5	1E+07	CHR5:10162833	SSF x Near_LoA	-7,365	-0,040	0,287
CHR5	1E+07	CHR5:10162921	SSF x Near_LoA	-7,761	-0,056	0,289
CHR5	1E+07	CHR5:10162931	SSF x Near_LoA	-5,415	-0,188	0,277
CHR5	1E+07	CHR5:10177033	SSF x Near_LoA	-5,511	0,076	0,289
CHR5	1E+07	CHR5:10177066	SSF x Near_LoA	-6,118	0,104	0,301
CHR5	1E+07	CHR5:10177211	SSF x Near_LoA	-9,852	-0,005	0,295
CHR5	1E+07	CHR5:10177293	SSF x Near_LoA	-6,907	-0,046	0,281
CHR5	1E+07	CHR5:10181134	SSF x Near_LoA	-8,378	0,049	0,300
CHR5	1E+07	CHR5:10191262	SSF x Near_LoA	-10,210	-0,075	0,298
CHR5	1E+07	CHR5:10191279	SSF x Near_LoA	-9,482	-0,019	0,278
CHR5	1E+07	CHR5:10191463	SSF x Near_LoA	-9,027	-0,048	0,286
CHR5	1E+07	CHR5:10191548	SSF x Near_LoA	-5,854	-0,081	0,298
CHR5	1E+07	CHR5:10193346	SSF x Near_LoA	-8,329	-0,121	0,280
CHR5	1E+07	CHR5:10234316	SSF x Near_LoA	-5,908	-0,057	0,281
CHR5	1E+07	CHR5:10234348	SSF x Near_LoA	-10,799	-0,058	0,277
CHR5	1E+07	CHR5:10234367	SSF x Near_LoA	-7,564	-0,041	0,277
CHR5	1E+07	CHR5:10234469	SSF x Near_LoA	-8,978	-0,055	0,289
CHR5	1E+07	CHR5:10234555	SSF x Near_LoA	-10,883	0,023	0,273
CHR5	1E+07	CHR5:10247819	SSF x Near_LoA	-9,761	0,026	0,283
CHR5	1E+07	CHR5:10263057	SSF x Near_LoA	-10,071	0,044	0,270
CHR5	1E+07	CHR5:10263103	SSF x Near_LoA	-7,642	0,005	0,292
CHR5	1E+07	CHR5:10263144	SSF x Near_LoA	-9,909	-0,060	0,288
CHR5	1E+07	CHR5:10263147	SSF x Near_LoA	-11,296	0,033	0,269
CHR5	1E+07	CHR5:10266041	SSF x Near_LoA	-8,698	0,034	0,282
CHR5	1E+07	CHR5:10266328	SSF x Near_LoA	-8,144	0,099	0,287
CHR5	1E+07	CHR5:10272939	SSF x Near_LoA	-3,394	0,173	0,277
CHR5	1E+07	CHR5:10280234	SSF x Near_LoA	-10,671	0,003	0,283
CHR5	1E+07	CHR5:10280286	SSF x Near_LoA	-8,121	0,081	0,293
CHR5	1E+07	CHR5:10280392	SSF x Near_LoA	-10,463	-0,032	0,284
CHR5	1E+07	CHR5:10289539	SSF x Near_LoA	-10,429	-0,010	0,278

CHR5	1E+07	CHR5:10289541	SSF x Near_LoA	-7,017	0,025	0,298
CHR5	1E+07	CHR5:10289670	SSF x Near_LoA	-8,524	0,100	0,280
CHR5	1E+07	CHR5:10289683	SSF x Near_LoA	-8,907	-0,106	0,288
CHR5	1E+07	CHR5:10305960	SSF x Near_LoA	-10,362	-0,027	0,281
CHR5	1E+07	CHR5:10318914	SSF x Near_LoA	-3,774	-0,244	0,271
CHR5	1E+07	CHR5:10318986	SSF x Near_LoA	-5,983	0,048	0,303
CHR5	1E+07	CHR5:10319070	SSF x Near_LoA	-9,362	0,031	0,291
CHR5	1E+07	CHR5:10319102	SSF x Near_LoA	-7,495	-0,136	0,287
CHR5	1E+07	CHR5:10319375	SSF x Near_LoA	-6,961	-0,038	0,287
CHR5	1E+07	CHR5:10319491	SSF x Near_LoA	-8,618	0,090	0,288
CHR5	1E+07	CHR5:10364094	SSF x Near_LoA	-9,265	-0,066	0,286
CHR5	1E+07	CHR5:10364437	SSF x Near_LoA	-9,337	0,077	0,280
CHR5	1E+07	CHR5:10370908	SSF x Near_LoA	-8,040	0,018	0,288
CHR5	1E+07	CHR5:10370933	SSF x Near_LoA	-7,727	0,024	0,298
CHR5	1E+07	CHR5:10375936	SSF x Near_LoA	-9,108	-0,024	0,290
CHR5	1E+07	CHR5:10377415	SSF x Near_LoA	-7,872	0,042	0,289
CHR5	1E+07	CHR5:10377439	SSF x Near_LoA	-11,097	0,042	0,263
CHR5	1E+07	CHR5:10386082	SSF x Near_LoA	-9,065	-0,066	0,287
CHR5	1E+07	CHR5:10419192	SSF x Near_LoA	-9,988	0,053	0,283
CHR5	1E+07	CHR5:10419212	SSF x Near_LoA	-10,070	0,040	0,290
CHR5	1E+07	CHR5:10419260	SSF x Near_LoA	-10,577	-0,066	0,275
CHR5	1E+07	CHR5:10419319	SSF x Near_LoA	-6,311	0,051	0,289
CHR5	1E+07	CHR5:10419361	SSF x Near_LoA	-10,762	-0,009	0,276
CHR5	1E+07	CHR5:10424672	SSF x Near_LoA	-8,490	-0,083	0,271
CHR5	1043249	CHR5:1043249	SSF x Near_LoA	-6,413	0,059	0,287
CHR5	1E+07	CHR5:10433555	SSF x Near_LoA	-6,931	-0,071	0,271
CHR5	1E+07	CHR5:10433602	SSF x Near_LoA	-7,757	-0,034	0,273
CHR5	1E+07	CHR5:10433637	SSF x Near_LoA	-8,013	-0,070	0,294
CHR5	1E+07	CHR5:10433656	SSF x Near_LoA	-9,097	-0,015	0,278
CHR5	1043366	CHR5:1043366	SSF x Near_LoA	-8,783	0,122	0,282
CHR5	1E+07	CHR5:10433725	SSF x Near_LoA	-7,728	0,028	0,296
CHR5	1E+07	CHR5:10433732	SSF x Near_LoA	-10,584	-0,037	0,284
CHR5	1043446	CHR5:1043446	SSF x Near_LoA	-7,318	-0,075	0,269
CHR5	1043449	CHR5:1043449	SSF x Near_LoA	-6,994	0,083	0,290
CHR5	1E+07	CHR5:10446712	SSF x Near_LoA	-9,127	-0,038	0,290
CHR5	1E+07	CHR5:10451894	SSF x Near_LoA	-10,101	-0,027	0,281
CHR5	1E+07	CHR5:10451997	SSF x Near_LoA	-7,739	-0,034	0,294
CHR5	1E+07	CHR5:10472596	SSF x Near_LoA	-8,684	0,058	0,293
CHR5	1E+07	CHR5:10472605	SSF x Near_LoA	-9,550	0,052	0,287
CHR5	1E+07	CHR5:10472679	SSF x Near_LoA	-8,623	-0,091	0,292
CHR5	1E+07	CHR5:10474233	SSF x Near_LoA	-7,981	-0,150	0,285
CHR5	1E+07	CHR5:10474270	SSF x Near_LoA	-5,897	0,108	0,291
CHR5	1E+07	CHR5:10474287	SSF x Near_LoA	-6,935	0,078	0,271
CHR5	1E+07	CHR5:10482361	SSF x Near_LoA	-9,452	0,052	0,293
CHR5	1049389	CHR5:1049389	SSF x Near_LoA	-6,934	-0,201	0,291
CHR5	1049419	CHR5:1049419	SSF x Near_LoA	-9,277	0,046	0,276
CHR5	1051124	CHR5:1051124	SSF x Near_LoA	-7,974	-0,045	0,285
CHR5	10515667	CHR5:10515667	SSF x Near_LoA	-10,399	-0,016	0,306
CHR5	10515671	CHR5:10515671	SSF x Near_LoA	-8,935	-0,022	0,304
CHR5	10515799	CHR5:10515799	SSF x Near_LoA	-7,797	-0,060	0,272
CHR5	10521150	CHR5:10521150	SSF x Near_LoA	-7,174	0,034	0,294
CHR5	10521181	CHR5:10521181	SSF x Near_LoA	-8,236	-0,006	0,287
CHR5	10521265	CHR5:10521265	SSF x Near_LoA	-8,521	0,014	0,284

CHR5	10527183	CHR5:10527183	SSF x Near_LoA	-7,494	0,024	0,290
CHR5	10527199	CHR5:10527199	SSF x Near_LoA	-7,630	-0,015	0,297
CHR5	10527315	CHR5:10527315	SSF x Near_LoA	-7,144	0,001	0,282
CHR5	10527403	CHR5:10527403	SSF x Near_LoA	-10,335	-0,020	0,279
CHR5	10527427	CHR5:10527427	SSF x Near_LoA	-6,659	-0,064	0,298
CHR5	10531469	CHR5:10531469	SSF x Near_LoA	-7,562	0,086	0,286
CHR5	10531531	CHR5:10531531	SSF x Near_LoA	-4,943	0,109	0,304
CHR5	10531560	CHR5:10531560	SSF x Near_LoA	-7,950	-0,038	0,298
CHR5	1054004	CHR5:1054004	SSF x Near_LoA	-6,813	0,231	0,257
CHR5	1054043	CHR5:1054043	SSF x Near_LoA	-4,207	0,171	0,278
CHR5	1054127	CHR5:1054127	SSF x Near_LoA	-8,308	0,178	0,265
CHR5	1056587	CHR5:1056587	SSF x Near_LoA	-4,751	0,168	0,291
CHR5	1056628	CHR5:1056628	SSF x Near_LoA	-6,503	0,172	0,281
CHR5	10566648	CHR5:10566648	SSF x Near_LoA	-8,892	-0,011	0,271
CHR5	1056681	CHR5:1056681	SSF x Near_LoA	-3,560	-0,168	0,286
CHR5	1056735	CHR5:1056735	SSF x Near_LoA	-2,349	0,030	0,287
CHR5	10570259	CHR5:10570259	SSF x Near_LoA	-9,796	-0,009	0,260
CHR5	10570308	CHR5:10570308	SSF x Near_LoA	-8,066	0,089	0,282
CHR5	10570516	CHR5:10570516	SSF x Near_LoA	-7,902	-0,022	0,297
CHR5	10573970	CHR5:10573970	SSF x Near_LoA	-9,659	-0,053	0,283
CHR5	10574045	CHR5:10574045	SSF x Near_LoA	-7,602	0,091	0,287
CHR5	10574090	CHR5:10574090	SSF x Near_LoA	-5,351	0,120	0,288
CHR5	10574211	CHR5:10574211	SSF x Near_LoA	-5,417	0,170	0,280
CHR5	10584837	CHR5:10584837	SSF x Near_LoA	-7,307	-0,034	0,292
CHR5	10590606	CHR5:10590606	SSF x Near_LoA	-9,808	0,008	0,293
CHR5	10590748	CHR5:10590748	SSF x Near_LoA	-8,756	0,040	0,291
CHR5	10590780	CHR5:10590780	SSF x Near_LoA	-9,977	0,008	0,278
CHR5	10604507	CHR5:10604507	SSF x Near_LoA	-8,043	0,043	0,298
CHR5	10638645	CHR5:10638645	SSF x Near_LoA	-3,492	-0,204	0,285
CHR5	10638741	CHR5:10638741	SSF x Near_LoA	-10,410	-0,078	0,294
CHR5	10638762	CHR5:10638762	SSF x Near_LoA	-7,548	-0,059	0,291
CHR5	10638903	CHR5:10638903	SSF x Near_LoA	-7,659	-0,047	0,288
CHR5	10638994	CHR5:10638994	SSF x Near_LoA	-8,928	-0,028	0,285
CHR5	10638999	CHR5:10638999	SSF x Near_LoA	-7,120	0,132	0,279
CHR5	10656485	CHR5:10656485	SSF x Near_LoA	-3,887	-0,137	0,281
CHR5	10656499	CHR5:10656499	SSF x Near_LoA	-8,584	0,108	0,265
CHR5	10656508	CHR5:10656508	SSF x Near_LoA	-8,211	-0,079	0,301
CHR5	10660055	CHR5:10660055	SSF x Near_LoA	-8,335	-0,089	0,289
CHR5	10660056	CHR5:10660056	SSF x Near_LoA	-9,738	-0,027	0,278
CHR5	10660057	CHR5:10660057	SSF x Near_LoA	-9,417	-0,029	0,276
CHR5	10660058	CHR5:10660058	SSF x Near_LoA	-8,006	0,111	0,289
CHR5	10660313	CHR5:10660313	SSF x Near_LoA	-6,674	-0,219	0,267
CHR5	1067642	CHR5:1067642	SSF x Near_LoA	-8,209	0,083	0,282
CHR5	1067665	CHR5:1067665	SSF x Near_LoA	-6,669	-0,218	0,284
CHR5	1067672	CHR5:1067672	SSF x Near_LoA	-8,492	0,036	0,281
CHR5	1067677	CHR5:1067677	SSF x Near_LoA	-7,340	0,111	0,286
CHR5	1067683	CHR5:1067683	SSF x Near_LoA	-8,966	0,009	0,281
CHR5	1067731	CHR5:1067731	SSF x Near_LoA	-8,105	0,065	0,284
CHR5	1067744	CHR5:1067744	SSF x Near_LoA	-10,972	-0,051	0,289
CHR5	1067917	CHR5:1067917	SSF x Near_LoA	-9,729	0,016	0,297
CHR5	1067937	CHR5:1067937	SSF x Near_LoA	-9,489	0,006	0,298
CHR5	1067945	CHR5:1067945	SSF x Near_LoA	-10,091	0,057	0,272
CHR5	10684902	CHR5:10684902	SSF x Near_LoA	-9,767	0,000	0,298

CHR5	10685071	CHR5:10685071	SSF x Near_LoA	-3,447	-0,002	0,280
CHR5	10685143	CHR5:10685143	SSF x Near_LoA	-10,668	-0,028	0,286
CHR5	10715835	CHR5:10715835	SSF x Near_LoA	-10,103	0,041	0,282
CHR5	10715888	CHR5:10715888	SSF x Near_LoA	-9,392	0,020	0,298
CHR5	10715912	CHR5:10715912	SSF x Near_LoA	-7,924	0,006	0,292
CHR5	10715942	CHR5:10715942	SSF x Near_LoA	-3,208	-0,239	0,271
CHR5	10715968	CHR5:10715968	SSF x Near_LoA	-7,776	0,156	0,295
CHR5	10717340	CHR5:10717340	SSF x Near_LoA	-8,387	-0,026	0,295
CHR5	10717484	CHR5:10717484	SSF x Near_LoA	-10,582	-0,022	0,284
CHR5	1072540	CHR5:1072540	SSF x Near_LoA	-6,695	0,079	0,281
CHR5	10728929	CHR5:10728929	SSF x Near_LoA	-2,967	0,162	0,280
CHR5	10728966	CHR5:10728966	SSF x Near_LoA	-7,507	0,029	0,296
CHR5	10740526	CHR5:10740526	SSF x Near_LoA	-8,106	0,110	0,293
CHR5	10740553	CHR5:10740553	SSF x Near_LoA	-11,334	0,008	0,270
CHR5	10740716	CHR5:10740716	SSF x Near_LoA	-8,468	0,045	0,294
CHR5	10740841	CHR5:10740841	SSF x Near_LoA	-2,163	0,205	0,267
CHR5	10746196	CHR5:10746196	SSF x Near_LoA	-9,712	-0,044	0,286
CHR5	10746463	CHR5:10746463	SSF x Near_LoA	-11,073	-0,098	0,271
CHR5	10772824	CHR5:10772824	SSF x Near_LoA	-10,302	0,006	0,296
CHR5	10773024	CHR5:10773024	SSF x Near_LoA	-9,973	0,036	0,290
CHR5	10784900	CHR5:10784900	SSF x Near_LoA	-6,920	0,054	0,275
CHR5	10784908	CHR5:10784908	SSF x Near_LoA	-9,918	-0,038	0,294
CHR5	10784927	CHR5:10784927	SSF x Near_LoA	-9,110	-0,001	0,278
CHR5	10789296	CHR5:10789296	SSF x Near_LoA	-10,094	-0,055	0,273
CHR5	10789368	CHR5:10789368	SSF x Near_LoA	-8,991	-0,054	0,270
CHR5	10790852	CHR5:10790852	SSF x Near_LoA	-9,763	-0,081	0,287
CHR5	10790874	CHR5:10790874	SSF x Near_LoA	-8,166	-0,025	0,294
CHR5	10790875	CHR5:10790875	SSF x Near_LoA	-9,815	0,076	0,295
CHR5	10795816	CHR5:10795816	SSF x Near_LoA	-10,714	-0,011	0,283
CHR5	10798796	CHR5:10798796	SSF x Near_LoA	-10,652	0,004	0,289
CHR5	10798932	CHR5:10798932	SSF x Near_LoA	-7,687	-0,066	0,296
CHR5	10860486	CHR5:10860486	SSF x Near_LoA	-0,758	0,126	0,280
CHR5	10860511	CHR5:10860511	SSF x Near_LoA	-8,495	-0,141	0,304
CHR5	10860538	CHR5:10860538	SSF x Near_LoA	-9,817	0,072	0,272
CHR5	10878529	CHR5:10878529	SSF x Near_LoA	-6,978	-0,087	0,287
CHR5	10878538	CHR5:10878538	SSF x Near_LoA	-6,819	0,160	0,281
CHR5	10878560	CHR5:10878560	SSF x Near_LoA	-8,305	-0,059	0,270
CHR5	10878577	CHR5:10878577	SSF x Near_LoA	-7,377	-0,076	0,280
CHR5	10884735	CHR5:10884735	SSF x Near_LoA	-8,721	0,037	0,267
CHR5	10884902	CHR5:10884902	SSF x Near_LoA	-8,024	0,057	0,300
CHR5	10915598	CHR5:10915598	SSF x Near_LoA	-7,091	0,146	0,293
CHR5	10925927	CHR5:10925927	SSF x Near_LoA	-7,259	0,176	0,279
CHR5	10925945	CHR5:10925945	SSF x Near_LoA	-6,911	0,135	0,283
CHR5	10926138	CHR5:10926138	SSF x Near_LoA	-4,443	-0,032	0,287
CHR5	10926139	CHR5:10926139	SSF x Near_LoA	-7,777	0,127	0,278
CHR5	10929709	CHR5:10929709	SSF x Near_LoA	-6,867	0,078	0,291
CHR5	10929942	CHR5:10929942	SSF x Near_LoA	-9,607	-0,093	0,279
CHR5	10929981	CHR5:10929981	SSF x Near_LoA	-0,188	0,170	0,280
CHR5	10931408	CHR5:10931408	SSF x Near_LoA	-7,051	0,161	0,260
CHR5	10938287	CHR5:10938287	SSF x Near_LoA	-8,691	-0,021	0,280
CHR5	10938368	CHR5:10938368	SSF x Near_LoA	-8,016	0,122	0,295
CHR5	10965631	CHR5:10965631	SSF x Near_LoA	-9,940	-0,008	0,302
CHR5	10982905	CHR5:10982905	SSF x Near_LoA	-6,887	0,073	0,285

CHR5	10982909	CHR5:10982909	SSF x Near_LoA	-9,946	-0,107	0,276
CHR5	10982966	CHR5:10982966	SSF x Near_LoA	-1,988	-0,148	0,287
CHR5	10983042	CHR5:10983042	SSF x Near_LoA	-7,815	-0,037	0,277
CHR5	10983044	CHR5:10983044	SSF x Near_LoA	-4,429	-0,076	0,266
CHR5	10983074	CHR5:10983074	SSF x Near_LoA	-10,109	-0,045	0,278
CHR5	10983159	CHR5:10983159	SSF x Near_LoA	-9,406	0,088	0,288
CHR5	10983181	CHR5:10983181	SSF x Near_LoA	-10,022	-0,027	0,294
CHR5	10984273	CHR5:10984273	SSF x Near_LoA	-9,635	0,049	0,297
CHR5	10984341	CHR5:10984341	SSF x Near_LoA	-9,086	0,096	0,280
CHR5	1099874	CHR5:1099874	SSF x Near_LoA	-9,735	-0,030	0,274
CHR5	11001121	CHR5:11001121	SSF x Near_LoA	-7,812	0,017	0,292
CHR5	11001142	CHR5:11001142	SSF x Near_LoA	-7,927	0,000	0,283
CHR5	11016516	CHR5:11016516	SSF x Near_LoA	-9,292	0,047	0,274
CHR5	11016664	CHR5:11016664	SSF x Near_LoA	-8,369	-0,055	0,294
CHR5	11016685	CHR5:11016685	SSF x Near_LoA	-9,042	0,056	0,293
CHR5	11016689	CHR5:11016689	SSF x Near_LoA	-7,224	-0,093	0,289
CHR5	11016727	CHR5:11016727	SSF x Near_LoA	-7,806	-0,065	0,293
CHR5	11016768	CHR5:11016768	SSF x Near_LoA	-5,365	-0,138	0,292
CHR5	11016801	CHR5:11016801	SSF x Near_LoA	-4,830	-0,105	0,295
CHR5	11016807	CHR5:11016807	SSF x Near_LoA	-10,441	-0,064	0,293
CHR5	11019827	CHR5:11019827	SSF x Near_LoA	-7,062	-0,071	0,294
CHR5	11019904	CHR5:11019904	SSF x Near_LoA	-8,459	0,085	0,285
CHR5	11051215	CHR5:11051215	SSF x Near_LoA	-8,889	-0,027	0,291
CHR5	11051221	CHR5:11051221	SSF x Near_LoA	-8,575	-0,039	0,310
CHR5	11063348	CHR5:11063348	SSF x Near_LoA	-7,229	0,008	0,303
CHR5	11063369	CHR5:11063369	SSF x Near_LoA	-8,593	-0,111	0,295
CHR5	11063435	CHR5:11063435	SSF x Near_LoA	-8,658	-0,137	0,281
CHR5	11069728	CHR5:11069728	SSF x Near_LoA	-4,801	-0,076	0,291
CHR5	11075674	CHR5:11075674	SSF x Near_LoA	-5,341	0,234	0,275
CHR5	11075791	CHR5:11075791	SSF x Near_LoA	-9,855	-0,052	0,296
CHR5	11075837	CHR5:11075837	SSF x Near_LoA	-10,405	-0,012	0,296
CHR5	11075934	CHR5:11075934	SSF x Near_LoA	-6,404	0,043	0,294
CHR5	11093036	CHR5:11093036	SSF x Near_LoA	-6,936	0,132	0,294
CHR5	11098221	CHR5:11098221	SSF x Near_LoA	-8,048	-0,073	0,274
CHR5	11098268	CHR5:11098268	SSF x Near_LoA	-6,283	0,042	0,300
CHR5	11098284	CHR5:11098284	SSF x Near_LoA	-4,766	0,032	0,291
CHR5	11110066	CHR5:11110066	SSF x Near_LoA	-8,467	0,150	0,284
CHR5	11128670	CHR5:11128670	SSF x Near_LoA	-8,041	-0,119	0,266
CHR5	11186865	CHR5:11186865	SSF x Near_LoA	-7,194	-0,049	0,291
CHR5	11206066	CHR5:11206066	SSF x Near_LoA	-4,391	-0,138	0,278
CHR5	11217399	CHR5:11217399	SSF x Near_LoA	-6,857	0,170	0,258
CHR5	11247784	CHR5:11247784	SSF x Near_LoA	-3,171	0,147	0,276
CHR5	11255451	CHR5:11255451	SSF x Near_LoA	-9,804	0,056	0,294
CHR5	11304229	CHR5:11304229	SSF x Near_LoA	-5,710	-0,087	0,298
CHR5	11304488	CHR5:11304488	SSF x Near_LoA	-4,294	0,147	0,292
CHR5	11304503	CHR5:11304503	SSF x Near_LoA	-6,878	0,066	0,294
CHR5	11304526	CHR5:11304526	SSF x Near_LoA	-5,861	0,126	0,287
CHR5	11322137	CHR5:11322137	SSF x Near_LoA	-2,551	-0,127	0,284
CHR5	11322231	CHR5:11322231	SSF x Near_LoA	-9,076	-0,108	0,276
CHR5	11339264	CHR5:11339264	SSF x Near_LoA	-9,809	0,038	0,293
CHR5	11343736	CHR5:11343736	SSF x Near_LoA	-6,103	0,130	0,290
CHR5	11344062	CHR5:11344062	SSF x Near_LoA	-7,705	-0,076	0,280
CHR5	11357792	CHR5:11357792	SSF x Near_LoA	-7,022	0,190	0,282

CHR5	11357904	CHR5:11357904	SSF x Near_LoA	-8,162	0,097	0,293
CHR5	11357956	CHR5:11357956	SSF x Near_LoA	-8,932	0,041	0,279
CHR5	11373380	CHR5:11373380	SSF x Near_LoA	-7,666	-0,119	0,284
CHR5	11373525	CHR5:11373525	SSF x Near_LoA	-6,501	-0,076	0,284
CHR5	11373560	CHR5:11373560	SSF x Near_LoA	-8,477	-0,044	0,286
CHR5	11377322	CHR5:11377322	SSF x Near_LoA	-6,655	0,202	0,258
CHR5	11403025	CHR5:11403025	SSF x Near_LoA	-9,050	-0,050	0,297
CHR5	11403027	CHR5:11403027	SSF x Near_LoA	-9,761	0,097	0,269
CHR5	11403195	CHR5:11403195	SSF x Near_LoA	-4,818	0,183	0,283
CHR5	11403303	CHR5:11403303	SSF x Near_LoA	-7,994	-0,035	0,280
CHR5	11408422	CHR5:11408422	SSF x Near_LoA	-8,554	0,100	0,294
CHR5	11415129	CHR5:11415129	SSF x Near_LoA	-7,629	0,115	0,300
CHR5	11415161	CHR5:11415161	SSF x Near_LoA	-2,572	0,216	0,275
CHR5	11415168	CHR5:11415168	SSF x Near_LoA	-6,586	-0,116	0,296
CHR5	11422895	CHR5:11422895	SSF x Near_LoA	-10,368	0,065	0,298
CHR5	11422977	CHR5:11422977	SSF x Near_LoA	-9,852	-0,007	0,282
CHR5	11422995	CHR5:11422995	SSF x Near_LoA	-5,816	-0,089	0,292
CHR5	11423088	CHR5:11423088	SSF x Near_LoA	-8,323	-0,035	0,292
CHR5	11428592	CHR5:11428592	SSF x Near_LoA	-9,380	-0,061	0,281
CHR5	11428662	CHR5:11428662	SSF x Near_LoA	-7,727	0,070	0,295
CHR5	11430270	CHR5:11430270	SSF x Near_LoA	-4,777	0,046	0,294
CHR5	11430545	CHR5:11430545	SSF x Near_LoA	-9,849	0,093	0,273
CHR5	11437197	CHR5:11437197	SSF x Near_LoA	-5,703	-0,129	0,280
CHR5	11446920	CHR5:11446920	SSF x Near_LoA	-6,702	-0,118	0,296
CHR5	11446927	CHR5:11446927	SSF x Near_LoA	-9,771	0,032	0,290
CHR5	11463526	CHR5:11463526	SSF x Near_LoA	-2,303	0,211	0,254
CHR5	11463567	CHR5:11463567	SSF x Near_LoA	-7,238	0,141	0,275
CHR5	11480622	CHR5:11480622	SSF x Near_LoA	-9,875	0,002	0,285
CHR5	11480769	CHR5:11480769	SSF x Near_LoA	-10,696	-0,035	0,280
CHR5	11523566	CHR5:11523566	SSF x Near_LoA	-9,275	0,004	0,302
CHR5	11523677	CHR5:11523677	SSF x Near_LoA	-9,674	0,032	0,293
CHR5	11530255	CHR5:11530255	SSF x Near_LoA	-7,664	0,119	0,278
CHR5	11551305	CHR5:11551305	SSF x Near_LoA	-8,125	0,135	0,284
CHR5	11583667	CHR5:11583667	SSF x Near_LoA	-3,778	0,179	0,287
CHR5	11583732	CHR5:11583732	SSF x Near_LoA	-10,456	-0,045	0,280
CHR5	11583748	CHR5:11583748	SSF x Near_LoA	-8,418	0,059	0,277
CHR5	11592204	CHR5:11592204	SSF x Near_LoA	-8,255	0,128	0,277
CHR5	11593594	CHR5:11593594	SSF x Near_LoA	-2,355	-0,163	0,269
CHR5	11593769	CHR5:11593769	SSF x Near_LoA	-9,710	-0,058	0,284
CHR5	11606395	CHR5:11606395	SSF x Near_LoA	-7,112	0,184	0,275
CHR5	11606461	CHR5:11606461	SSF x Near_LoA	-7,937	-0,042	0,281
CHR5	11606486	CHR5:11606486	SSF x Near_LoA	-4,240	-0,098	0,282
CHR5	11611424	CHR5:11611424	SSF x Near_LoA	-6,487	0,110	0,295
CHR5	11611493	CHR5:11611493	SSF x Near_LoA	-7,806	0,118	0,279
CHR5	11611512	CHR5:11611512	SSF x Near_LoA	-3,001	0,173	0,274
CHR5	11611616	CHR5:11611616	SSF x Near_LoA	-4,250	0,151	0,276
CHR5	11630569	CHR5:11630569	SSF x Near_LoA	-7,663	-0,154	0,281
CHR5	11632840	CHR5:11632840	SSF x Near_LoA	-6,816	-0,079	0,289
CHR5	11632927	CHR5:11632927	SSF x Near_LoA	-9,812	-0,004	0,291
CHR5	11632991	CHR5:11632991	SSF x Near_LoA	-9,215	-0,048	0,288
CHR5	11636821	CHR5:11636821	SSF x Near_LoA	-9,068	-0,064	0,291
CHR5	11636916	CHR5:11636916	SSF x Near_LoA	-6,106	-0,258	0,266
CHR5	11637000	CHR5:11637000	SSF x Near_LoA	-5,210	0,145	0,286

CHR5	11644189	CHR5:11644189	SSF x Near_LoA	-3,437	-0,141	0,278
CHR5	11644237	CHR5:11644237	SSF x Near_LoA	-10,719	-0,002	0,278
CHR5	11644298	CHR5:11644298	SSF x Near_LoA	-6,784	0,142	0,286
CHR5	11644308	CHR5:11644308	SSF x Near_LoA	-7,785	0,020	0,297
CHR5	11644310	CHR5:11644310	SSF x Near_LoA	-4,705	-0,124	0,285
CHR5	11644334	CHR5:11644334	SSF x Near_LoA	-6,619	-0,116	0,281
CHR5	11649793	CHR5:11649793	SSF x Near_LoA	-8,220	-0,132	0,287
CHR5	11669646	CHR5:11669646	SSF x Near_LoA	-8,378	0,138	0,289
CHR5	11673595	CHR5:11673595	SSF x Near_LoA	-8,840	-0,056	0,287
CHR5	11673648	CHR5:11673648	SSF x Near_LoA	0,608	0,137	0,278
CHR5	11673676	CHR5:11673676	SSF x Near_LoA	-3,210	-0,064	0,286
CHR5	11692960	CHR5:11692960	SSF x Near_LoA	1,096	-0,110	0,281
CHR5	11693184	CHR5:11693184	SSF x Near_LoA	-6,201	-0,199	0,275
CHR5	11695902	CHR5:11695902	SSF x Near_LoA	-6,721	0,033	0,293
CHR5	11695988	CHR5:11695988	SSF x Near_LoA	-10,907	0,038	0,281
CHR5	11701915	CHR5:11701915	SSF x Near_LoA	-9,909	0,040	0,280
CHR5	11703479	CHR5:11703479	SSF x Near_LoA	-6,224	0,136	0,275
CHR5	11720499	CHR5:11720499	SSF x Near_LoA	-7,923	0,011	0,295
CHR5	11720604	CHR5:11720604	SSF x Near_LoA	-8,534	0,089	0,300
CHR5	11720622	CHR5:11720622	SSF x Near_LoA	-7,704	0,049	0,267
CHR5	11721876	CHR5:11721876	SSF x Near_LoA	-5,271	0,078	0,296
CHR5	11721880	CHR5:11721880	SSF x Near_LoA	-5,367	0,084	0,294
CHR5	11721930	CHR5:11721930	SSF x Near_LoA	-6,697	0,051	0,286
CHR5	11721948	CHR5:11721948	SSF x Near_LoA	-6,767	0,054	0,279
CHR5	11721954	CHR5:11721954	SSF x Near_LoA	-9,654	-0,007	0,300
CHR5	11732972	CHR5:11732972	SSF x Near_LoA	-7,536	-0,111	0,282
CHR5	11745878	CHR5:11745878	SSF x Near_LoA	-9,847	0,081	0,291
CHR5	11765929	CHR5:11765929	SSF x Near_LoA	-7,279	-0,058	0,289
CHR5	11766035	CHR5:11766035	SSF x Near_LoA	-9,222	0,083	0,289
CHR5	11766628	CHR5:11766628	SSF x Near_LoA	-8,364	0,114	0,268
CHR5	11767704	CHR5:11767704	SSF x Near_LoA	-8,835	-0,010	0,297
CHR5	11781037	CHR5:11781037	SSF x Near_LoA	-8,681	0,073	0,287
CHR5	11808196	CHR5:11808196	SSF x Near_LoA	-8,916	-0,084	0,283
CHR5	11808199	CHR5:11808199	SSF x Near_LoA	-6,796	0,178	0,279
CHR5	11808388	CHR5:11808388	SSF x Near_LoA	-7,746	0,070	0,290
CHR5	11821736	CHR5:11821736	SSF x Near_LoA	-8,244	-0,021	0,283
CHR5	11821925	CHR5:11821925	SSF x Near_LoA	-4,171	-0,217	0,271
CHR5	11839538	CHR5:11839538	SSF x Near_LoA	-8,314	0,072	0,286
CHR5	11839715	CHR5:11839715	SSF x Near_LoA	-7,490	-0,102	0,276
CHR5	11852668	CHR5:11852668	SSF x Near_LoA	-8,117	-0,093	0,292
CHR5	11852737	CHR5:11852737	SSF x Near_LoA	-6,537	-0,136	0,278
CHR5	11852771	CHR5:11852771	SSF x Near_LoA	-9,221	0,050	0,295
CHR5	11852937	CHR5:11852937	SSF x Near_LoA	-7,836	0,110	0,279
CHR5	11873680	CHR5:11873680	SSF x Near_LoA	-10,395	0,048	0,296
CHR5	11876570	CHR5:11876570	SSF x Near_LoA	-5,806	-0,167	0,270
CHR5	11919823	CHR5:11919823	SSF x Near_LoA	-9,049	-0,064	0,300
CHR5	11919974	CHR5:11919974	SSF x Near_LoA	-9,635	-0,002	0,261
CHR5	11923665	CHR5:11923665	SSF x Near_LoA	-5,651	-0,184	0,271
CHR5	11923686	CHR5:11923686	SSF x Near_LoA	-9,475	-0,070	0,294
CHR5	11927674	CHR5:11927674	SSF x Near_LoA	-9,291	0,000	0,272
CHR5	11927822	CHR5:11927822	SSF x Near_LoA	-7,804	-0,081	0,285
CHR5	11930581	CHR5:11930581	SSF x Near_LoA	-5,693	0,169	0,266
CHR5	11946368	CHR5:11946368	SSF x Near_LoA	-7,210	-0,158	0,277

CHR5	11946389	CHR5:11946389	SSF x Near_LoA	-6,146	0,053	0,280
CHR5	11946440	CHR5:11946440	SSF x Near_LoA	-8,736	-0,068	0,287
CHR5	11991568	CHR5:11991568	SSF x Near_LoA	-0,682	0,306	0,277
CHR5	11991745	CHR5:11991745	SSF x Near_LoA	-7,899	-0,050	0,289
CHR5	11991764	CHR5:11991764	SSF x Near_LoA	-8,330	0,051	0,285
CHR5	12004925	CHR5:12004925	SSF x Near_LoA	-8,581	0,004	0,294
CHR5	12004932	CHR5:12004932	SSF x Near_LoA	-5,359	-0,205	0,261
CHR5	12019533	CHR5:12019533	SSF x Near_LoA	-8,502	-0,141	0,287
CHR5	12047434	CHR5:12047434	SSF x Near_LoA	-6,363	0,095	0,296
CHR5	12052841	CHR5:12052841	SSF x Near_LoA	-10,277	0,048	0,286
CHR5	12062754	CHR5:12062754	SSF x Near_LoA	-7,714	-0,081	0,272
CHR5	12064590	CHR5:12064590	SSF x Near_LoA	-5,216	-0,130	0,285
CHR5	12073917	CHR5:12073917	SSF x Near_LoA	-8,336	0,000	0,292
CHR5	12083316	CHR5:12083316	SSF x Near_LoA	-7,616	0,065	0,298
CHR5	12083509	CHR5:12083509	SSF x Near_LoA	-6,929	-0,068	0,287
CHR5	12087069	CHR5:12087069	SSF x Near_LoA	-7,194	0,188	0,276
CHR5	12087088	CHR5:12087088	SSF x Near_LoA	-9,201	-0,012	0,291
CHR5	12087230	CHR5:12087230	SSF x Near_LoA	-6,465	-0,103	0,277
CHR5	12087248	CHR5:12087248	SSF x Near_LoA	-6,031	0,246	0,269
CHR5	12088685	CHR5:12088685	SSF x Near_LoA	-6,319	-0,161	0,262
CHR5	12088745	CHR5:12088745	SSF x Near_LoA	-0,134	0,293	0,262
CHR5	12088852	CHR5:12088852	SSF x Near_LoA	-10,694	-0,027	0,285
CHR5	12089692	CHR5:12089692	SSF x Near_LoA	-3,757	0,124	0,292
CHR5	12089724	CHR5:12089724	SSF x Near_LoA	-5,658	0,148	0,286
CHR5	12089848	CHR5:12089848	SSF x Near_LoA	-6,529	-0,063	0,290
CHR5	12089887	CHR5:12089887	SSF x Near_LoA	-7,501	-0,081	0,289
CHR5	12097566	CHR5:12097566	SSF x Near_LoA	-8,202	-0,042	0,294
CHR5	12108562	CHR5:12108562	SSF x Near_LoA	-10,515	0,020	0,286
CHR5	12129563	CHR5:12129563	SSF x Near_LoA	-4,884	0,147	0,283
CHR5	12129662	CHR5:12129662	SSF x Near_LoA	-6,776	-0,099	0,290
CHR5	12129791	CHR5:12129791	SSF x Near_LoA	-4,285	-0,148	0,274
CHR5	12138051	CHR5:12138051	SSF x Near_LoA	-7,376	-0,045	0,281
CHR5	12160209	CHR5:12160209	SSF x Near_LoA	-11,021	-0,002	0,284
CHR5	12165022	CHR5:12165022	SSF x Near_LoA	-10,153	0,038	0,289
CHR5	12165122	CHR5:12165122	SSF x Near_LoA	-8,369	0,027	0,298
CHR5	12168320	CHR5:12168320	SSF x Near_LoA	-8,266	0,040	0,293
CHR5	12174438	CHR5:12174438	SSF x Near_LoA	-7,858	0,037	0,284
CHR5	12174628	CHR5:12174628	SSF x Near_LoA	-6,204	-0,010	0,296
CHR5	12181808	CHR5:12181808	SSF x Near_LoA	-7,928	0,101	0,285
CHR5	12181825	CHR5:12181825	SSF x Near_LoA	-6,205	0,117	0,284
CHR5	12184109	CHR5:12184109	SSF x Near_LoA	-7,846	-0,002	0,287
CHR5	12184314	CHR5:12184314	SSF x Near_LoA	-10,409	0,073	0,282
CHR5	12199332	CHR5:12199332	SSF x Near_LoA	-7,406	0,017	0,286
CHR5	12225212	CHR5:12225212	SSF x Near_LoA	-6,912	-0,099	0,284
CHR5	12270918	CHR5:12270918	SSF x Near_LoA	-9,620	0,076	0,288
CHR5	12298772	CHR5:12298772	SSF x Near_LoA	-7,622	-0,022	0,307
CHR5	12503683	CHR5:12503683	SSF x Near_LoA	-7,255	-0,010	0,296
CHR5	1258467	CHR5:1258467	SSF x Near_LoA	-9,557	-0,039	0,291
CHR5	1288036	CHR5:1288036	SSF x Near_LoA	-3,510	-0,147	0,288
CHR5	1288122	CHR5:1288122	SSF x Near_LoA	-4,571	0,154	0,277
CHR5	1288144	CHR5:1288144	SSF x Near_LoA	-8,042	0,127	0,293
CHR5	1288236	CHR5:1288236	SSF x Near_LoA	-9,988	0,019	0,280
CHR5	1288244	CHR5:1288244	SSF x Near_LoA	-8,351	0,115	0,278

CHR5	1288268	CHR5:1288268	SSF x Near_LoA	-7,462	-0,047	0,301
CHR5	1288285	CHR5:1288285	SSF x Near_LoA	-8,705	-0,027	0,277
CHR5	1288296	CHR5:1288296	SSF x Near_LoA	-8,735	0,072	0,291
CHR5	1288313	CHR5:1288313	SSF x Near_LoA	7,025	-0,217	0,265
CHR5	1290703	CHR5:1290703	SSF x Near_LoA	-9,113	0,050	0,292
CHR5	1290728	CHR5:1290728	SSF x Near_LoA	-7,049	-0,128	0,268
CHR5	1290738	CHR5:1290738	SSF x Near_LoA	-7,478	0,102	0,289
CHR5	1290750	CHR5:1290750	SSF x Near_LoA	-7,031	-0,093	0,287
CHR5	1290965	CHR5:1290965	SSF x Near_LoA	-7,428	0,083	0,279
CHR5	1291021	CHR5:1291021	SSF x Near_LoA	-9,167	0,118	0,280
CHR5	1291056	CHR5:1291056	SSF x Near_LoA	-6,632	0,199	0,264
CHR5	1300572	CHR5:1300572	SSF x Near_LoA	-9,688	-0,030	0,281
CHR5	1326645	CHR5:1326645	SSF x Near_LoA	-8,315	0,038	0,280
CHR5	1326743	CHR5:1326743	SSF x Near_LoA	-10,031	0,017	0,261
CHR5	1326786	CHR5:1326786	SSF x Near_LoA	-5,774	0,218	0,274
CHR5	1372550	CHR5:1372550	SSF x Near_LoA	-5,698	-0,194	0,291
CHR5	1380709	CHR5:1380709	SSF x Near_LoA	-6,663	-0,015	0,275
CHR5	1515023	CHR5:1515023	SSF x Near_LoA	-4,657	0,049	0,272
CHR5	1602608	CHR5:1602608	SSF x Near_LoA	-5,775	0,055	0,279
CHR5	1602613	CHR5:1602613	SSF x Near_LoA	-8,837	-0,010	0,303
CHR5	1602622	CHR5:1602622	SSF x Near_LoA	-8,277	-0,101	0,292
CHR5	1611864	CHR5:1611864	SSF x Near_LoA	-5,789	-0,113	0,295
CHR5	1616065	CHR5:1616065	SSF x Near_LoA	-8,580	-0,011	0,287
CHR5	1620738	CHR5:1620738	SSF x Near_LoA	-6,728	-0,017	0,287
CHR5	1620804	CHR5:1620804	SSF x Near_LoA	-7,519	0,054	0,297
CHR5	1620841	CHR5:1620841	SSF x Near_LoA	-9,168	-0,016	0,285
CHR5	1662702	CHR5:1662702	SSF x Near_LoA	-8,579	-0,058	0,274
CHR5	1662729	CHR5:1662729	SSF x Near_LoA	-6,739	-0,104	0,274
CHR5	1662730	CHR5:1662730	SSF x Near_LoA	-6,510	-0,135	0,269
CHR5	1686415	CHR5:1686415	SSF x Near_LoA	-6,963	0,037	0,301
CHR5	1690551	CHR5:1690551	SSF x Near_LoA	-7,620	-0,098	0,289
CHR5	1690661	CHR5:1690661	SSF x Near_LoA	-10,125	0,108	0,281
CHR5	1690766	CHR5:1690766	SSF x Near_LoA	-7,056	0,130	0,285
CHR5	1741473	CHR5:1741473	SSF x Near_LoA	-6,590	0,036	0,281
CHR5	1741623	CHR5:1741623	SSF x Near_LoA	-4,445	-0,208	0,271
CHR5	1750201	CHR5:1750201	SSF x Near_LoA	-8,360	0,009	0,290
CHR5	1750228	CHR5:1750228	SSF x Near_LoA	-8,720	0,010	0,285
CHR5	1776439	CHR5:1776439	SSF x Near_LoA	-6,726	-0,122	0,286
CHR5	1776495	CHR5:1776495	SSF x Near_LoA	-5,577	-0,183	0,275
CHR5	1776590	CHR5:1776590	SSF x Near_LoA	-9,034	-0,097	0,267
CHR5	1776720	CHR5:1776720	SSF x Near_LoA	-4,576	-0,170	0,288
CHR5	1776739	CHR5:1776739	SSF x Near_LoA	-8,557	-0,059	0,294
CHR5	1780161	CHR5:1780161	SSF x Near_LoA	-7,698	-0,162	0,277
CHR5	1780175	CHR5:1780175	SSF x Near_LoA	-8,936	-0,025	0,290
CHR5	1780244	CHR5:1780244	SSF x Near_LoA	2,269	-0,228	0,270
CHR5	1780254	CHR5:1780254	SSF x Near_LoA	-7,422	-0,160	0,283
CHR5	1780283	CHR5:1780283	SSF x Near_LoA	-3,037	0,210	0,263
CHR5	1780359	CHR5:1780359	SSF x Near_LoA	-7,572	0,031	0,291
CHR5	1782143	CHR5:1782143	SSF x Near_LoA	-7,895	0,082	0,278
CHR5	1785778	CHR5:1785778	SSF x Near_LoA	-6,415	0,109	0,284
CHR5	1785961	CHR5:1785961	SSF x Near_LoA	-7,898	-0,005	0,292
CHR5	1790478	CHR5:1790478	SSF x Near_LoA	-8,614	0,044	0,287
CHR5	1840420	CHR5:1840420	SSF x Near_LoA	-10,218	-0,041	0,279

CHR5	1845762	CHR5:1845762	SSF x Near_LoA	-7,171	0,109	0,289
CHR5	1845848	CHR5:1845848	SSF x Near_LoA	-9,025	-0,155	0,271
CHR5	1845850	CHR5:1845850	SSF x Near_LoA	-1,559	0,097	0,295
CHR5	1845868	CHR5:1845868	SSF x Near_LoA	-2,477	-0,174	0,285
CHR5	1845880	CHR5:1845880	SSF x Near_LoA	-8,714	-0,116	0,283
CHR5	1845981	CHR5:1845981	SSF x Near_LoA	-9,880	0,061	0,292
CHR5	1845988	CHR5:1845988	SSF x Near_LoA	-4,652	0,213	0,281
CHR5	1845998	CHR5:1845998	SSF x Near_LoA	-7,163	0,175	0,282
CHR5	1846029	CHR5:1846029	SSF x Near_LoA	-6,105	0,181	0,277
CHR5	1871408	CHR5:1871408	SSF x Near_LoA	-7,863	0,072	0,290
CHR5	1871681	CHR5:1871681	SSF x Near_LoA	-7,619	-0,085	0,285
CHR5	1871685	CHR5:1871685	SSF x Near_LoA	-7,640	-0,081	0,280
CHR5	1871782	CHR5:1871782	SSF x Near_LoA	-8,338	0,140	0,279
CHR5	1876570	CHR5:1876570	SSF x Near_LoA	-6,492	-0,094	0,281
CHR5	1876619	CHR5:1876619	SSF x Near_LoA	-5,478	0,202	0,280
CHR5	1882653	CHR5:1882653	SSF x Near_LoA	-8,955	-0,010	0,281
CHR5	1882671	CHR5:1882671	SSF x Near_LoA	-5,803	0,186	0,282
CHR5	1882706	CHR5:1882706	SSF x Near_LoA	-9,515	0,062	0,292
CHR5	1882729	CHR5:1882729	SSF x Near_LoA	-9,152	0,001	0,285
CHR5	1885454	CHR5:1885454	SSF x Near_LoA	-8,483	-0,009	0,287
CHR5	1885456	CHR5:1885456	SSF x Near_LoA	-7,132	0,053	0,291
CHR5	1885499	CHR5:1885499	SSF x Near_LoA	-8,133	0,173	0,284
CHR5	1885504	CHR5:1885504	SSF x Near_LoA	-7,136	0,115	0,281
CHR5	1885550	CHR5:1885550	SSF x Near_LoA	-6,593	-0,110	0,287
CHR5	1885598	CHR5:1885598	SSF x Near_LoA	-9,551	-0,022	0,294
CHR5	1885613	CHR5:1885613	SSF x Near_LoA	-7,270	-0,023	0,283
CHR5	1885633	CHR5:1885633	SSF x Near_LoA	-8,668	-0,026	0,282
CHR5	1885660	CHR5:1885660	SSF x Near_LoA	-8,457	-0,060	0,286
CHR5	1885670	CHR5:1885670	SSF x Near_LoA	-7,320	-0,068	0,287
CHR5	1885755	CHR5:1885755	SSF x Near_LoA	-8,484	0,043	0,293
CHR5	1885756	CHR5:1885756	SSF x Near_LoA	-10,724	0,039	0,279
CHR5	1885757	CHR5:1885757	SSF x Near_LoA	-10,413	0,051	0,283
CHR5	1885758	CHR5:1885758	SSF x Near_LoA	-10,865	0,049	0,277
CHR5	1885773	CHR5:1885773	SSF x Near_LoA	-6,039	0,025	0,283
CHR5	1891272	CHR5:1891272	SSF x Near_LoA	-8,604	-0,064	0,289
CHR5	1901773	CHR5:1901773	SSF x Near_LoA	-9,383	-0,069	0,281
CHR5	1901973	CHR5:1901973	SSF x Near_LoA	-8,140	-0,156	0,273
CHR5	1917255	CHR5:1917255	SSF x Near_LoA	-7,841	-0,037	0,300
CHR5	1917268	CHR5:1917268	SSF x Near_LoA	-9,904	-0,001	0,288
CHR5	1917276	CHR5:1917276	SSF x Near_LoA	-8,233	-0,044	0,285
CHR5	1917333	CHR5:1917333	SSF x Near_LoA	-6,995	-0,046	0,294
CHR5	1925910	CHR5:1925910	SSF x Near_LoA	-9,220	0,023	0,284
CHR5	1929413	CHR5:1929413	SSF x Near_LoA	-2,561	-0,193	0,279
CHR5	1941327	CHR5:1941327	SSF x Near_LoA	-7,487	-0,051	0,298
CHR5	1941329	CHR5:1941329	SSF x Near_LoA	-6,446	-0,058	0,289
CHR5	1941344	CHR5:1941344	SSF x Near_LoA	-7,245	-0,063	0,293
CHR5	1941538	CHR5:1941538	SSF x Near_LoA	-10,897	-0,014	0,291
CHR5	1949037	CHR5:1949037	SSF x Near_LoA	-8,978	0,075	0,267
CHR5	1949185	CHR5:1949185	SSF x Near_LoA	-8,063	0,057	0,285
CHR5	1949238	CHR5:1949238	SSF x Near_LoA	-3,136	0,162	0,291
CHR5	1949296	CHR5:1949296	SSF x Near_LoA	-8,664	0,126	0,292
CHR5	1962471	CHR5:1962471	SSF x Near_LoA	-7,519	0,018	0,275
CHR5	1977552	CHR5:1977552	SSF x Near_LoA	-9,406	-0,064	0,278

CHR5	1994273	CHR5:1994273	SSF x Near_LoA	-10,026	-0,021	0,284
CHR5	1994328	CHR5:1994328	SSF x Near_LoA	0,392	-0,156	0,276
CHR5	1994352	CHR5:1994352	SSF x Near_LoA	-7,040	-0,122	0,284
CHR5	1994421	CHR5:1994421	SSF x Near_LoA	-8,116	-0,023	0,291
CHR5	1994489	CHR5:1994489	SSF x Near_LoA	-6,105	0,221	0,258
CHR5	1994490	CHR5:1994490	SSF x Near_LoA	-6,486	-0,137	0,279
CHR5	2006306	CHR5:2006306	SSF x Near_LoA	-8,666	0,028	0,290
CHR5	2020499	CHR5:2020499	SSF x Near_LoA	-6,720	0,097	0,293
CHR5	2020503	CHR5:2020503	SSF x Near_LoA	-7,375	-0,118	0,287
CHR5	2020606	CHR5:2020606	SSF x Near_LoA	-2,296	0,103	0,293
CHR5	2020617	CHR5:2020617	SSF x Near_LoA	-6,360	0,033	0,303
CHR5	2020706	CHR5:2020706	SSF x Near_LoA	-10,080	0,113	0,295
CHR5	2020708	CHR5:2020708	SSF x Near_LoA	-7,910	0,116	0,305
CHR5	2020734	CHR5:2020734	SSF x Near_LoA	-7,599	-0,073	0,294
CHR5	2020735	CHR5:2020735	SSF x Near_LoA	-5,508	-0,034	0,282
CHR5	2020739	CHR5:2020739	SSF x Near_LoA	-7,811	-0,074	0,288
CHR5	2020755	CHR5:2020755	SSF x Near_LoA	-7,274	-0,054	0,280
CHR5	2020762	CHR5:2020762	SSF x Near_LoA	-8,363	-0,038	0,281
CHR5	2024744	CHR5:2024744	SSF x Near_LoA	-8,392	0,155	0,277
CHR5	2024783	CHR5:2024783	SSF x Near_LoA	-8,851	0,108	0,278
CHR5	2033055	CHR5:2033055	SSF x Near_LoA	-10,605	-0,060	0,283
CHR5	2033160	CHR5:2033160	SSF x Near_LoA	-8,358	-0,079	0,281
CHR5	2033409	CHR5:2033409	SSF x Near_LoA	-10,143	-0,037	0,285
CHR5	2033566	CHR5:2033566	SSF x Near_LoA	-9,366	0,029	0,281
CHR5	2044785	CHR5:2044785	SSF x Near_LoA	-8,095	-0,066	0,272
CHR5	2044820	CHR5:2044820	SSF x Near_LoA	-8,415	-0,034	0,296
CHR5	2044851	CHR5:2044851	SSF x Near_LoA	-8,063	0,001	0,293
CHR5	2044870	CHR5:2044870	SSF x Near_LoA	-8,416	-0,052	0,303
CHR5	2044919	CHR5:2044919	SSF x Near_LoA	-8,842	0,168	0,265
CHR5	2049369	CHR5:2049369	SSF x Near_LoA	-8,229	0,086	0,279
CHR5	2055810	CHR5:2055810	SSF x Near_LoA	-7,235	-0,141	0,285
CHR5	2055987	CHR5:2055987	SSF x Near_LoA	-1,526	-0,205	0,282
CHR5	2059079	CHR5:2059079	SSF x Near_LoA	-7,364	0,061	0,286
CHR5	2059229	CHR5:2059229	SSF x Near_LoA	-8,767	0,007	0,292
CHR5	2099692	CHR5:2099692	SSF x Near_LoA	-4,416	0,086	0,291
CHR5	2099752	CHR5:2099752	SSF x Near_LoA	-4,587	-0,223	0,277
CHR5	2099851	CHR5:2099851	SSF x Near_LoA	-3,522	-0,046	0,275
CHR5	2099859	CHR5:2099859	SSF x Near_LoA	-8,185	-0,142	0,280
CHR5	2099893	CHR5:2099893	SSF x Near_LoA	-2,571	-0,212	0,276
CHR5	2099904	CHR5:2099904	SSF x Near_LoA	-7,076	-0,167	0,281
CHR5	2099905	CHR5:2099905	SSF x Near_LoA	-8,041	-0,169	0,284
CHR5	2128502	CHR5:2128502	SSF x Near_LoA	-4,432	0,108	0,280
CHR5	2128566	CHR5:2128566	SSF x Near_LoA	-10,823	-0,017	0,278
CHR5	2128600	CHR5:2128600	SSF x Near_LoA	-6,739	0,142	0,272
CHR5	2138872	CHR5:2138872	SSF x Near_LoA	-8,112	0,009	0,302
CHR5	2138979	CHR5:2138979	SSF x Near_LoA	-7,158	-0,081	0,299
CHR5	2138981	CHR5:2138981	SSF x Near_LoA	-9,865	0,020	0,279
CHR5	2139038	CHR5:2139038	SSF x Near_LoA	-6,456	-0,208	0,261
CHR5	2144251	CHR5:2144251	SSF x Near_LoA	-7,763	-0,119	0,281
CHR5	2144323	CHR5:2144323	SSF x Near_LoA	-10,491	0,047	0,291
CHR5	2144476	CHR5:2144476	SSF x Near_LoA	-7,713	0,068	0,290
CHR5	2147213	CHR5:2147213	SSF x Near_LoA	-8,923	-0,085	0,285
CHR5	2147267	CHR5:2147267	SSF x Near_LoA	-8,464	-0,139	0,283

CHR5	2147287	CHR5:2147287	SSF x Near_LoA	-7,583	-0,043	0,294
CHR5	2147304	CHR5:2147304	SSF x Near_LoA	-10,043	-0,049	0,282
CHR5	2157262	CHR5:2157262	SSF x Near_LoA	-6,601	-0,075	0,291
CHR5	2157263	CHR5:2157263	SSF x Near_LoA	-7,882	0,081	0,297
CHR5	2157438	CHR5:2157438	SSF x Near_LoA	-5,754	-0,209	0,274
CHR5	2157575	CHR5:2157575	SSF x Near_LoA	-6,480	-0,050	0,287
CHR5	2157592	CHR5:2157592	SSF x Near_LoA	-8,656	-0,058	0,283
CHR5	2157593	CHR5:2157593	SSF x Near_LoA	-9,759	-0,041	0,291
CHR5	2157599	CHR5:2157599	SSF x Near_LoA	-8,744	-0,074	0,279
CHR5	2168702	CHR5:2168702	SSF x Near_LoA	-7,218	-0,015	0,293
CHR5	2168775	CHR5:2168775	SSF x Near_LoA	-7,290	-0,086	0,276
CHR5	2168794	CHR5:2168794	SSF x Near_LoA	-8,383	-0,013	0,285
CHR5	2168801	CHR5:2168801	SSF x Near_LoA	-8,580	-0,037	0,285
CHR5	2168809	CHR5:2168809	SSF x Near_LoA	-6,437	-0,145	0,253
CHR5	2168810	CHR5:2168810	SSF x Near_LoA	-3,501	0,174	0,274
CHR5	2168812	CHR5:2168812	SSF x Near_LoA	1,237	0,172	0,281
CHR5	2168834	CHR5:2168834	SSF x Near_LoA	-5,640	0,189	0,272
CHR5	2176124	CHR5:2176124	SSF x Near_LoA	-9,113	-0,049	0,277
CHR5	2176265	CHR5:2176265	SSF x Near_LoA	-7,159	0,171	0,277
CHR5	2176341	CHR5:2176341	SSF x Near_LoA	-7,404	-0,038	0,279
CHR5	2176345	CHR5:2176345	SSF x Near_LoA	-8,000	0,072	0,286
CHR5	2176375	CHR5:2176375	SSF x Near_LoA	-7,155	-0,069	0,280
CHR5	2187785	CHR5:2187785	SSF x Near_LoA	-6,534	0,129	0,292
CHR5	2187904	CHR5:2187904	SSF x Near_LoA	-6,666	-0,065	0,284
CHR5	2187918	CHR5:2187918	SSF x Near_LoA	-7,191	-0,077	0,274
CHR5	2187946	CHR5:2187946	SSF x Near_LoA	-3,280	-0,129	0,267
CHR5	2187974	CHR5:2187974	SSF x Near_LoA	-5,267	-0,106	0,293
CHR5	2210798	CHR5:2210798	SSF x Near_LoA	-8,210	-0,083	0,282
CHR5	2210917	CHR5:2210917	SSF x Near_LoA	-7,988	0,018	0,283
CHR5	2211008	CHR5:2211008	SSF x Near_LoA	-10,295	0,111	0,282
CHR5	2229100	CHR5:2229100	SSF x Near_LoA	-6,270	0,109	0,298
CHR5	2229150	CHR5:2229150	SSF x Near_LoA	-7,684	-0,046	0,285
CHR5	2229264	CHR5:2229264	SSF x Near_LoA	-8,593	0,109	0,260
CHR5	2229281	CHR5:2229281	SSF x Near_LoA	-1,688	-0,188	0,279
CHR5	2234894	CHR5:2234894	SSF x Near_LoA	-7,165	-0,039	0,291
CHR5	2234923	CHR5:2234923	SSF x Near_LoA	-7,634	0,007	0,287
CHR5	2235014	CHR5:2235014	SSF x Near_LoA	-2,979	0,199	0,276
CHR5	2243240	CHR5:2243240	SSF x Near_LoA	-8,065	0,017	0,291
CHR5	2243256	CHR5:2243256	SSF x Near_LoA	-9,139	-0,029	0,287
CHR5	2243380	CHR5:2243380	SSF x Near_LoA	-8,181	0,103	0,286
CHR5	2243397	CHR5:2243397	SSF x Near_LoA	-10,149	0,044	0,283
CHR5	2248113	CHR5:2248113	SSF x Near_LoA	-8,903	0,007	0,284
CHR5	2256013	CHR5:2256013	SSF x Near_LoA	-8,720	-0,048	0,282
CHR5	2256092	CHR5:2256092	SSF x Near_LoA	-7,949	-0,061	0,293
CHR5	2256161	CHR5:2256161	SSF x Near_LoA	-7,870	-0,033	0,302
CHR5	2256162	CHR5:2256162	SSF x Near_LoA	-8,925	-0,047	0,293
CHR5	2257849	CHR5:2257849	SSF x Near_LoA	-9,864	0,054	0,287
CHR5	2271181	CHR5:2271181	SSF x Near_LoA	-7,315	0,032	0,296
CHR5	2271182	CHR5:2271182	SSF x Near_LoA	-7,528	0,005	0,281
CHR5	2271202	CHR5:2271202	SSF x Near_LoA	-6,706	-0,188	0,274
CHR5	2281920	CHR5:2281920	SSF x Near_LoA	-8,587	-0,015	0,290
CHR5	2282027	CHR5:2282027	SSF x Near_LoA	-8,347	-0,001	0,281
CHR5	2282073	CHR5:2282073	SSF x Near_LoA	-7,836	-0,021	0,285

CHR5	2314361	CHR5:2314361	SSF x Near_LoA	-5,452	0,074	0,283
CHR5	2314412	CHR5:2314412	SSF x Near_LoA	-7,335	0,158	0,277
CHR5	2314485	CHR5:2314485	SSF x Near_LoA	-7,042	0,103	0,281
CHR5	2314589	CHR5:2314589	SSF x Near_LoA	-7,670	0,134	0,271
CHR5	2314669	CHR5:2314669	SSF x Near_LoA	-7,803	0,025	0,299
CHR5	2335672	CHR5:2335672	SSF x Near_LoA	-7,656	0,020	0,285
CHR5	2335802	CHR5:2335802	SSF x Near_LoA	-7,340	0,068	0,280
CHR5	2335830	CHR5:2335830	SSF x Near_LoA	-9,385	0,082	0,283
CHR5	2335868	CHR5:2335868	SSF x Near_LoA	-7,803	-0,047	0,291
CHR5	2337270	CHR5:2337270	SSF x Near_LoA	-10,005	0,060	0,274
CHR5	2337343	CHR5:2337343	SSF x Near_LoA	-9,895	0,012	0,283
CHR5	2339008	CHR5:2339008	SSF x Near_LoA	-7,747	-0,080	0,281
CHR5	2339040	CHR5:2339040	SSF x Near_LoA	-8,112	-0,063	0,294
CHR5	2339097	CHR5:2339097	SSF x Near_LoA	-7,328	0,054	0,295
CHR5	2339188	CHR5:2339188	SSF x Near_LoA	-5,368	0,180	0,284
CHR5	2339218	CHR5:2339218	SSF x Near_LoA	-7,136	-0,113	0,287
CHR5	2342506	CHR5:2342506	SSF x Near_LoA	-9,285	-0,063	0,292
CHR5	2342536	CHR5:2342536	SSF x Near_LoA	-8,528	0,002	0,285
CHR5	2342561	CHR5:2342561	SSF x Near_LoA	-9,927	-0,028	0,276
CHR5	2343619	CHR5:2343619	SSF x Near_LoA	-8,302	-0,075	0,288
CHR5	2351113	CHR5:2351113	SSF x Near_LoA	-6,061	0,117	0,268
CHR5	2351212	CHR5:2351212	SSF x Near_LoA	-8,380	0,014	0,282
CHR5	2361555	CHR5:2361555	SSF x Near_LoA	-9,843	0,111	0,288
CHR5	2361646	CHR5:2361646	SSF x Near_LoA	-7,836	-0,052	0,287
CHR5	2361648	CHR5:2361648	SSF x Near_LoA	-6,157	0,135	0,283
CHR5	2361844	CHR5:2361844	SSF x Near_LoA	-7,145	0,110	0,286
CHR5	2363152	CHR5:2363152	SSF x Near_LoA	-5,868	0,119	0,268
CHR5	2363159	CHR5:2363159	SSF x Near_LoA	-6,419	-0,127	0,280
CHR5	2363176	CHR5:2363176	SSF x Near_LoA	-6,804	-0,104	0,286
CHR5	2363220	CHR5:2363220	SSF x Near_LoA	-6,904	0,144	0,269
CHR5	2363224	CHR5:2363224	SSF x Near_LoA	-4,691	0,182	0,274
CHR5	2363241	CHR5:2363241	SSF x Near_LoA	-9,740	-0,013	0,292
CHR5	2371118	CHR5:2371118	SSF x Near_LoA	-7,679	0,036	0,290
CHR5	2371154	CHR5:2371154	SSF x Near_LoA	-9,692	0,033	0,287
CHR5	2382489	CHR5:2382489	SSF x Near_LoA	-7,642	0,039	0,281
CHR5	2382529	CHR5:2382529	SSF x Near_LoA	-9,855	0,003	0,276
CHR5	2382557	CHR5:2382557	SSF x Near_LoA	-8,254	0,017	0,284
CHR5	2382566	CHR5:2382566	SSF x Near_LoA	-11,108	0,023	0,282
CHR5	2382593	CHR5:2382593	SSF x Near_LoA	-8,802	0,011	0,284
CHR5	2384517	CHR5:2384517	SSF x Near_LoA	-9,292	-0,010	0,287
CHR5	2401469	CHR5:2401469	SSF x Near_LoA	-8,450	-0,149	0,285
CHR5	2401677	CHR5:2401677	SSF x Near_LoA	-4,521	0,081	0,290
CHR5	2401749	CHR5:2401749	SSF x Near_LoA	-8,264	0,069	0,296
CHR5	2401805	CHR5:2401805	SSF x Near_LoA	-8,659	-0,050	0,284
CHR5	2403730	CHR5:2403730	SSF x Near_LoA	-7,640	0,027	0,282
CHR5	2403748	CHR5:2403748	SSF x Near_LoA	-8,658	0,101	0,280
CHR5	2403866	CHR5:2403866	SSF x Near_LoA	-10,128	-0,031	0,280
CHR5	2403868	CHR5:2403868	SSF x Near_LoA	-5,030	-0,160	0,286
CHR5	2416757	CHR5:2416757	SSF x Near_LoA	-10,713	0,011	0,289
CHR5	2419077	CHR5:2419077	SSF x Near_LoA	-5,700	-0,148	0,284
CHR5	2419208	CHR5:2419208	SSF x Near_LoA	-5,860	0,060	0,296
CHR5	2419255	CHR5:2419255	SSF x Near_LoA	-9,324	0,038	0,295
CHR5	2419311	CHR5:2419311	SSF x Near_LoA	-7,689	0,091	0,272

CHR5	2421781	CHR5:2421781	SSF x Near_LoA	-10,133	0,041	0,293
CHR5	2421798	CHR5:2421798	SSF x Near_LoA	-7,171	-0,005	0,284
CHR5	2421822	CHR5:2421822	SSF x Near_LoA	-8,221	0,000	0,293
CHR5	2421832	CHR5:2421832	SSF x Near_LoA	-7,313	0,022	0,277
CHR5	2425697	CHR5:2425697	SSF x Near_LoA	-7,153	0,162	0,287
CHR5	2425698	CHR5:2425698	SSF x Near_LoA	-7,162	0,170	0,286
CHR5	2425783	CHR5:2425783	SSF x Near_LoA	-9,814	-0,069	0,280
CHR5	2425879	CHR5:2425879	SSF x Near_LoA	-8,058	-0,068	0,290
CHR5	2433650	CHR5:2433650	SSF x Near_LoA	-5,830	0,143	0,300
CHR5	2442211	CHR5:2442211	SSF x Near_LoA	-8,752	0,153	0,274
CHR5	2451138	CHR5:2451138	SSF x Near_LoA	-5,594	-0,179	0,279
CHR5	2451144	CHR5:2451144	SSF x Near_LoA	-5,094	-0,212	0,275
CHR5	2451191	CHR5:2451191	SSF x Near_LoA	-7,392	-0,086	0,276
CHR5	2451199	CHR5:2451199	SSF x Near_LoA	4,081	0,203	0,279
CHR5	2468255	CHR5:2468255	SSF x Near_LoA	-6,874	-0,026	0,288
CHR5	2468289	CHR5:2468289	SSF x Near_LoA	-8,654	0,018	0,285
CHR5	2469149	CHR5:2469149	SSF x Near_LoA	-9,981	-0,076	0,286
CHR5	2469183	CHR5:2469183	SSF x Near_LoA	-6,465	-0,109	0,283
CHR5	2474633	CHR5:2474633	SSF x Near_LoA	-8,095	0,031	0,278
CHR5	2474694	CHR5:2474694	SSF x Near_LoA	-8,895	0,092	0,286
CHR5	2474876	CHR5:2474876	SSF x Near_LoA	-9,918	-0,003	0,289
CHR5	2500077	CHR5:2500077	SSF x Near_LoA	-8,620	0,002	0,289
CHR5	2500203	CHR5:2500203	SSF x Near_LoA	-7,988	0,121	0,290
CHR5	2500249	CHR5:2500249	SSF x Near_LoA	-9,873	0,062	0,285
CHR5	2500257	CHR5:2500257	SSF x Near_LoA	-8,557	0,044	0,305
CHR5	2500293	CHR5:2500293	SSF x Near_LoA	-7,085	0,025	0,297
CHR5	2500307	CHR5:2500307	SSF x Near_LoA	-8,206	-0,062	0,284
CHR5	2500310	CHR5:2500310	SSF x Near_LoA	-3,357	0,034	0,285
CHR5	2513700	CHR5:2513700	SSF x Near_LoA	-8,084	-0,028	0,283
CHR5	2513772	CHR5:2513772	SSF x Near_LoA	-5,928	0,136	0,282
CHR5	2513778	CHR5:2513778	SSF x Near_LoA	-3,691	0,163	0,276
CHR5	2549374	CHR5:2549374	SSF x Near_LoA	-8,359	-0,041	0,287
CHR5	2549504	CHR5:2549504	SSF x Near_LoA	-7,836	0,223	0,261
CHR5	2549506	CHR5:2549506	SSF x Near_LoA	-6,120	-0,137	0,263
CHR5	2549518	CHR5:2549518	SSF x Near_LoA	-7,899	-0,045	0,287
CHR5	2551199	CHR5:2551199	SSF x Near_LoA	-5,310	-0,119	0,285
CHR5	2551444	CHR5:2551444	SSF x Near_LoA	-8,101	0,153	0,279
CHR5	2564032	CHR5:2564032	SSF x Near_LoA	-6,165	-0,065	0,297
CHR5	2564281	CHR5:2564281	SSF x Near_LoA	-10,312	0,056	0,291
CHR5	2597690	CHR5:2597690	SSF x Near_LoA	-9,724	-0,039	0,285
CHR5	2603917	CHR5:2603917	SSF x Near_LoA	-9,433	0,053	0,276
CHR5	2604556	CHR5:2604556	SSF x Near_LoA	-9,003	0,004	0,306
CHR5	2607157	CHR5:2607157	SSF x Near_LoA	-7,153	0,049	0,289
CHR5	2607164	CHR5:2607164	SSF x Near_LoA	-6,631	0,123	0,286
CHR5	2607320	CHR5:2607320	SSF x Near_LoA	-9,972	0,007	0,290
CHR5	2652857	CHR5:2652857	SSF x Near_LoA	-6,898	0,098	0,291
CHR5	2652878	CHR5:2652878	SSF x Near_LoA	-6,799	-0,056	0,295
CHR5	2652879	CHR5:2652879	SSF x Near_LoA	-6,194	-0,044	0,304
CHR5	2653688	CHR5:2653688	SSF x Near_LoA	-9,068	0,025	0,271
CHR5	2653691	CHR5:2653691	SSF x Near_LoA	-9,849	0,075	0,286
CHR5	2657212	CHR5:2657212	SSF x Near_LoA	-8,641	-0,063	0,282
CHR5	2657217	CHR5:2657217	SSF x Near_LoA	-6,544	0,174	0,281
CHR5	2672043	CHR5:2672043	SSF x Near_LoA	-8,817	0,146	0,292

CHR5	2672060	CHR5:2672060	SSF x Near_LoA	-9,669	0,076	0,282
CHR5	2730989	CHR5:2730989	SSF x Near_LoA	-7,081	0,046	0,300
CHR5	2732842	CHR5:2732842	SSF x Near_LoA	-5,906	-0,155	0,287
CHR5	2733030	CHR5:2733030	SSF x Near_LoA	-7,097	0,107	0,284
CHR5	2733104	CHR5:2733104	SSF x Near_LoA	-4,549	0,095	0,277
CHR5	2733133	CHR5:2733133	SSF x Near_LoA	-8,979	0,115	0,275
CHR5	2733137	CHR5:2733137	SSF x Near_LoA	-8,160	0,118	0,278
CHR5	2733177	CHR5:2733177	SSF x Near_LoA	-9,037	0,019	0,295
CHR5	2733253	CHR5:2733253	SSF x Near_LoA	-1,889	0,143	0,282
CHR5	2733263	CHR5:2733263	SSF x Near_LoA	-5,919	0,151	0,296
CHR5	2733278	CHR5:2733278	SSF x Near_LoA	-4,300	-0,239	0,281
CHR5	2775147	CHR5:2775147	SSF x Near_LoA	-7,533	0,084	0,296
CHR5	2781560	CHR5:2781560	SSF x Near_LoA	-10,400	-0,057	0,294
CHR5	2783149	CHR5:2783149	SSF x Near_LoA	-9,223	0,064	0,277
CHR5	2783415	CHR5:2783415	SSF x Near_LoA	-7,850	0,149	0,280
CHR5	2803734	CHR5:2803734	SSF x Near_LoA	-6,681	0,076	0,296
CHR5	2817125	CHR5:2817125	SSF x Near_LoA	-5,654	0,050	0,301
CHR5	2817131	CHR5:2817131	SSF x Near_LoA	-7,780	0,022	0,297
CHR5	2817152	CHR5:2817152	SSF x Near_LoA	-6,770	0,018	0,289
CHR5	2817718	CHR5:2817718	SSF x Near_LoA	-5,269	-0,135	0,271
CHR5	2817742	CHR5:2817742	SSF x Near_LoA	-9,508	0,000	0,294
CHR5	2821024	CHR5:2821024	SSF x Near_LoA	-9,038	0,005	0,283
CHR5	2821034	CHR5:2821034	SSF x Near_LoA	-7,646	-0,056	0,288
CHR5	2821210	CHR5:2821210	SSF x Near_LoA	-7,919	-0,047	0,294
CHR5	2821214	CHR5:2821214	SSF x Near_LoA	-6,481	-0,044	0,300
CHR5	2822374	CHR5:2822374	SSF x Near_LoA	-8,929	0,053	0,293
CHR5	2857441	CHR5:2857441	SSF x Near_LoA	-8,782	-0,030	0,275
CHR5	2857464	CHR5:2857464	SSF x Near_LoA	-7,420	-0,007	0,289
CHR5	2857485	CHR5:2857485	SSF x Near_LoA	-10,585	0,037	0,289
CHR5	2857546	CHR5:2857546	SSF x Near_LoA	-10,586	0,040	0,281
CHR5	2857665	CHR5:2857665	SSF x Near_LoA	-8,998	-0,009	0,284
CHR5	2857790	CHR5:2857790	SSF x Near_LoA	-7,011	-0,016	0,284
CHR5	2869408	CHR5:2869408	SSF x Near_LoA	-10,755	0,015	0,290
CHR5	2869479	CHR5:2869479	SSF x Near_LoA	-8,145	0,128	0,288
CHR5	2869498	CHR5:2869498	SSF x Near_LoA	-8,274	-0,003	0,288
CHR5	2869633	CHR5:2869633	SSF x Near_LoA	-7,991	-0,003	0,298
CHR5	2903013	CHR5:2903013	SSF x Near_LoA	-9,225	-0,111	0,286
CHR5	2903146	CHR5:2903146	SSF x Near_LoA	-10,500	0,030	0,295
CHR5	2913443	CHR5:2913443	SSF x Near_LoA	-7,838	0,170	0,283
CHR5	2913462	CHR5:2913462	SSF x Near_LoA	-10,087	0,117	0,282
CHR5	2913663	CHR5:2913663	SSF x Near_LoA	20,645	0,225	0,264
CHR5	2913827	CHR5:2913827	SSF x Near_LoA	-3,931	0,029	0,300
CHR5	2913828	CHR5:2913828	SSF x Near_LoA	-7,985	-0,010	0,287
CHR5	2913863	CHR5:2913863	SSF x Near_LoA	-2,135	0,252	0,262
CHR5	2913911	CHR5:2913911	SSF x Near_LoA	-8,673	-0,093	0,275
CHR5	2942268	CHR5:2942268	SSF x Near_LoA	-3,169	0,018	0,278
CHR5	2942645	CHR5:2942645	SSF x Near_LoA	-7,887	0,075	0,301
CHR5	2942699	CHR5:2942699	SSF x Near_LoA	-5,846	0,003	0,286
CHR5	2945910	CHR5:2945910	SSF x Near_LoA	-4,098	-0,192	0,262
CHR5	2948819	CHR5:2948819	SSF x Near_LoA	-6,090	0,038	0,287
CHR5	2948832	CHR5:2948832	SSF x Near_LoA	-4,143	-0,158	0,283
CHR5	2951669	CHR5:2951669	SSF x Near_LoA	-7,987	-0,111	0,283
CHR5	2951676	CHR5:2951676	SSF x Near_LoA	-7,501	0,032	0,294

CHR5	2951677	CHR5:2951677	SSF x Near_LoA	-6,919	-0,089	0,289
CHR5	2951684	CHR5:2951684	SSF x Near_LoA	-4,018	0,119	0,288
CHR5	2951819	CHR5:2951819	SSF x Near_LoA	-5,464	0,130	0,280
CHR5	2954734	CHR5:2954734	SSF x Near_LoA	-10,371	-0,019	0,273
CHR5	2967011	CHR5:2967011	SSF x Near_LoA	-9,077	0,077	0,288
CHR5	2970209	CHR5:2970209	SSF x Near_LoA	-9,739	-0,021	0,285
CHR5	2978111	CHR5:2978111	SSF x Near_LoA	1,695	0,168	0,277
CHR5	2978152	CHR5:2978152	SSF x Near_LoA	-7,702	0,003	0,288
CHR5	2978156	CHR5:2978156	SSF x Near_LoA	-8,422	0,025	0,280
CHR5	2978167	CHR5:2978167	SSF x Near_LoA	-8,503	-0,066	0,282
CHR5	2978298	CHR5:2978298	SSF x Near_LoA	-7,718	0,017	0,274
CHR5	2978307	CHR5:2978307	SSF x Near_LoA	-9,278	0,050	0,287
CHR5	2991184	CHR5:2991184	SSF x Near_LoA	-6,562	0,124	0,278
CHR5	2995039	CHR5:2995039	SSF x Near_LoA	-7,117	0,030	0,297
CHR5	2995255	CHR5:2995255	SSF x Near_LoA	-5,414	0,182	0,275
CHR5	2996731	CHR5:2996731	SSF x Near_LoA	-7,801	-0,155	0,281
CHR5	2996779	CHR5:2996779	SSF x Near_LoA	-8,718	0,049	0,274
CHR5	2996823	CHR5:2996823	SSF x Near_LoA	0,342	0,126	0,279
CHR5	2996827	CHR5:2996827	SSF x Near_LoA	-4,675	-0,037	0,288
CHR5	2996931	CHR5:2996931	SSF x Near_LoA	-7,082	0,064	0,294
CHR5	2996954	CHR5:2996954	SSF x Near_LoA	-6,471	-0,217	0,276
CHR5	3033256	CHR5:3033256	SSF x Near_LoA	-6,891	0,078	0,275
CHR5	3033273	CHR5:3033273	SSF x Near_LoA	-9,237	0,066	0,277
CHR5	3033342	CHR5:3033342	SSF x Near_LoA	-8,507	-0,001	0,273
CHR5	3035173	CHR5:3035173	SSF x Near_LoA	-8,872	0,064	0,278
CHR5	3035200	CHR5:3035200	SSF x Near_LoA	-10,280	0,018	0,294
CHR5	3035208	CHR5:3035208	SSF x Near_LoA	-9,802	0,033	0,281
CHR5	3035219	CHR5:3035219	SSF x Near_LoA	-5,804	0,063	0,288
CHR5	3042059	CHR5:3042059	SSF x Near_LoA	-5,827	0,059	0,297
CHR5	3042145	CHR5:3042145	SSF x Near_LoA	-8,081	0,122	0,304
CHR5	3042267	CHR5:3042267	SSF x Near_LoA	-9,248	-0,039	0,276
CHR5	3055404	CHR5:3055404	SSF x Near_LoA	-6,154	0,006	0,279
CHR5	3067841	CHR5:3067841	SSF x Near_LoA	-7,055	0,102	0,282
CHR5	3116132	CHR5:3116132	SSF x Near_LoA	-8,760	-0,128	0,284
CHR5	3125554	CHR5:3125554	SSF x Near_LoA	-7,331	-0,053	0,277
CHR5	3160448	CHR5:3160448	SSF x Near_LoA	-6,728	-0,096	0,286
CHR5	3160516	CHR5:3160516	SSF x Near_LoA	-4,667	-0,049	0,304
CHR5	3160539	CHR5:3160539	SSF x Near_LoA	-6,689	0,189	0,280
CHR5	3171399	CHR5:3171399	SSF x Near_LoA	-8,387	0,050	0,286
CHR5	3171450	CHR5:3171450	SSF x Near_LoA	-7,401	0,025	0,293
CHR5	3171469	CHR5:3171469	SSF x Near_LoA	-9,232	0,079	0,293
CHR5	3171482	CHR5:3171482	SSF x Near_LoA	-7,836	0,117	0,287
CHR5	3171488	CHR5:3171488	SSF x Near_LoA	-6,018	0,183	0,270
CHR5	3173124	CHR5:3173124	SSF x Near_LoA	-6,393	-0,183	0,280
CHR5	3173139	CHR5:3173139	SSF x Near_LoA	-5,898	0,107	0,276
CHR5	3173157	CHR5:3173157	SSF x Near_LoA	-9,439	0,098	0,284
CHR5	3180382	CHR5:3180382	SSF x Near_LoA	-10,776	-0,009	0,276
CHR5	3181511	CHR5:3181511	SSF x Near_LoA	-7,744	0,053	0,292
CHR5	3198452	CHR5:3198452	SSF x Near_LoA	-8,681	0,019	0,287
CHR5	3198472	CHR5:3198472	SSF x Near_LoA	-6,270	0,072	0,278
CHR5	3198527	CHR5:3198527	SSF x Near_LoA	-3,858	0,153	0,280
CHR5	3198541	CHR5:3198541	SSF x Near_LoA	-7,830	-0,129	0,272
CHR5	3198577	CHR5:3198577	SSF x Near_LoA	-8,607	-0,084	0,282

CHR5	3198661	CHR5:3198661	SSF x Near_LoA	-5,512	-0,044	0,295
CHR5	3216348	CHR5:3216348	SSF x Near_LoA	-7,398	0,153	0,276
CHR5	3216377	CHR5:3216377	SSF x Near_LoA	-7,169	-0,017	0,289
CHR5	3216386	CHR5:3216386	SSF x Near_LoA	-9,684	0,030	0,298
CHR5	3216408	CHR5:3216408	SSF x Near_LoA	-11,141	-0,054	0,275
CHR5	3216419	CHR5:3216419	SSF x Near_LoA	-9,814	0,041	0,286
CHR5	3218996	CHR5:3218996	SSF x Near_LoA	-6,874	-0,182	0,279
CHR5	3219039	CHR5:3219039	SSF x Near_LoA	-8,022	-0,142	0,281
CHR5	3224345	CHR5:3224345	SSF x Near_LoA	-9,883	0,087	0,291
CHR5	3224371	CHR5:3224371	SSF x Near_LoA	-9,337	-0,089	0,294
CHR5	3224404	CHR5:3224404	SSF x Near_LoA	-9,392	-0,111	0,284
CHR5	3224423	CHR5:3224423	SSF x Near_LoA	-6,042	-0,161	0,278
CHR5	3224442	CHR5:3224442	SSF x Near_LoA	-7,584	0,036	0,291
CHR5	3224448	CHR5:3224448	SSF x Near_LoA	-9,524	-0,034	0,291
CHR5	3243384	CHR5:3243384	SSF x Near_LoA	-4,226	0,154	0,300
CHR5	3247998	CHR5:3247998	SSF x Near_LoA	-7,546	0,019	0,286
CHR5	3248075	CHR5:3248075	SSF x Near_LoA	-8,359	0,036	0,274
CHR5	3289103	CHR5:3289103	SSF x Near_LoA	-7,764	-0,021	0,279
CHR5	3289133	CHR5:3289133	SSF x Near_LoA	-6,208	0,125	0,276
CHR5	3289551	CHR5:3289551	SSF x Near_LoA	-7,540	0,085	0,262
CHR5	3316769	CHR5:3316769	SSF x Near_LoA	-10,483	0,054	0,288
CHR5	3316770	CHR5:3316770	SSF x Near_LoA	-11,036	0,039	0,295
CHR5	3316771	CHR5:3316771	SSF x Near_LoA	-10,633	0,055	0,286
CHR5	3316773	CHR5:3316773	SSF x Near_LoA	-7,493	0,080	0,276
CHR5	3316842	CHR5:3316842	SSF x Near_LoA	-9,584	-0,074	0,289
CHR5	3343061	CHR5:3343061	SSF x Near_LoA	-6,251	0,074	0,289
CHR5	3343089	CHR5:3343089	SSF x Near_LoA	-7,337	-0,099	0,284
CHR5	3343198	CHR5:3343198	SSF x Near_LoA	-9,938	0,004	0,297
CHR5	3350166	CHR5:3350166	SSF x Near_LoA	-7,072	0,107	0,284
CHR5	3350193	CHR5:3350193	SSF x Near_LoA	-7,049	0,123	0,280
CHR5	3350213	CHR5:3350213	SSF x Near_LoA	-6,104	-0,187	0,278
CHR5	3351581	CHR5:3351581	SSF x Near_LoA	-9,118	-0,094	0,279
CHR5	3369007	CHR5:3369007	SSF x Near_LoA	-8,194	0,054	0,279
CHR5	3384959	CHR5:3384959	SSF x Near_LoA	-10,023	-0,078	0,284
CHR5	3389854	CHR5:3389854	SSF x Near_LoA	-9,954	-0,084	0,281
CHR5	3389860	CHR5:3389860	SSF x Near_LoA	-9,900	0,093	0,288
CHR5	3390040	CHR5:3390040	SSF x Near_LoA	-8,066	0,076	0,295
CHR5	3390220	CHR5:3390220	SSF x Near_LoA	-8,443	-0,055	0,283
CHR5	3396477	CHR5:3396477	SSF x Near_LoA	-10,082	-0,056	0,276
CHR5	3396479	CHR5:3396479	SSF x Near_LoA	-7,375	0,048	0,287
CHR5	3396520	CHR5:3396520	SSF x Near_LoA	-7,195	0,094	0,287
CHR5	3396537	CHR5:3396537	SSF x Near_LoA	-7,633	-0,004	0,297
CHR5	3396543	CHR5:3396543	SSF x Near_LoA	-8,002	0,024	0,291
CHR5	3400578	CHR5:3400578	SSF x Near_LoA	-7,342	-0,067	0,293
CHR5	3400580	CHR5:3400580	SSF x Near_LoA	-4,183	0,241	0,276
CHR5	3413162	CHR5:3413162	SSF x Near_LoA	-10,287	-0,040	0,286
CHR5	3413510	CHR5:3413510	SSF x Near_LoA	-10,080	0,061	0,285
CHR5	3416732	CHR5:3416732	SSF x Near_LoA	-6,461	-0,142	0,281
CHR5	3440401	CHR5:3440401	SSF x Near_LoA	-9,391	0,013	0,287
CHR5	3440547	CHR5:3440547	SSF x Near_LoA	-9,023	0,074	0,283
CHR5	3440582	CHR5:3440582	SSF x Near_LoA	-6,413	0,091	0,295
CHR5	3442512	CHR5:3442512	SSF x Near_LoA	-8,199	-0,133	0,275
CHR5	3442527	CHR5:3442527	SSF x Near_LoA	-8,220	0,022	0,289

CHR5	3462990	CHR5:3462990	SSF x Near_LoA	-7,837	-0,053	0,286
CHR5	3463043	CHR5:3463043	SSF x Near_LoA	-3,899	0,022	0,295
CHR5	3463172	CHR5:3463172	SSF x Near_LoA	-8,499	-0,030	0,291
CHR5	3472439	CHR5:3472439	SSF x Near_LoA	-4,060	-0,119	0,284
CHR5	3472467	CHR5:3472467	SSF x Near_LoA	-6,812	-0,123	0,284
CHR5	3514865	CHR5:3514865	SSF x Near_LoA	-5,350	-0,043	0,303
CHR5	3514867	CHR5:3514867	SSF x Near_LoA	-7,386	-0,061	0,286
CHR5	3514965	CHR5:3514965	SSF x Near_LoA	-8,994	0,028	0,281
CHR5	3515242	CHR5:3515242	SSF x Near_LoA	-6,237	-0,139	0,297
CHR5	3518393	CHR5:3518393	SSF x Near_LoA	-7,419	0,022	0,292
CHR5	3530959	CHR5:3530959	SSF x Near_LoA	-8,450	-0,003	0,288
CHR5	3531196	CHR5:3531196	SSF x Near_LoA	-6,946	-0,115	0,294
CHR5	3531302	CHR5:3531302	SSF x Near_LoA	-9,696	-0,052	0,294
CHR5	3532734	CHR5:3532734	SSF x Near_LoA	-10,663	0,051	0,279
CHR5	3549173	CHR5:3549173	SSF x Near_LoA	-6,999	-0,157	0,285
CHR5	3549174	CHR5:3549174	SSF x Near_LoA	-10,746	-0,013	0,284
CHR5	3549206	CHR5:3549206	SSF x Near_LoA	-7,502	0,125	0,278
CHR5	3549370	CHR5:3549370	SSF x Near_LoA	-5,114	0,069	0,293
CHR5	3555209	CHR5:3555209	SSF x Near_LoA	-6,582	0,000	0,292
CHR5	3555232	CHR5:3555232	SSF x Near_LoA	-8,533	0,051	0,281
CHR5	3561908	CHR5:3561908	SSF x Near_LoA	-7,989	0,085	0,273
CHR5	3561955	CHR5:3561955	SSF x Near_LoA	-9,425	-0,037	0,282
CHR5	3561961	CHR5:3561961	SSF x Near_LoA	-8,064	-0,084	0,296
CHR5	3562136	CHR5:3562136	SSF x Near_LoA	-9,551	0,019	0,298
CHR5	3562226	CHR5:3562226	SSF x Near_LoA	-10,383	-0,071	0,278
CHR5	3570956	CHR5:3570956	SSF x Near_LoA	-7,287	-0,123	0,281
CHR5	3571130	CHR5:3571130	SSF x Near_LoA	-9,017	0,025	0,298
CHR5	3571168	CHR5:3571168	SSF x Near_LoA	-10,413	-0,056	0,298
CHR5	3571182	CHR5:3571182	SSF x Near_LoA	-9,895	-0,060	0,278
CHR5	3573615	CHR5:3573615	SSF x Near_LoA	-7,416	0,059	0,290
CHR5	3573616	CHR5:3573616	SSF x Near_LoA	-10,535	-0,035	0,304
CHR5	3579159	CHR5:3579159	SSF x Near_LoA	-8,265	0,135	0,282
CHR5	3591343	CHR5:3591343	SSF x Near_LoA	-5,058	0,110	0,287
CHR5	3608207	CHR5:3608207	SSF x Near_LoA	-7,417	0,099	0,277
CHR5	3608244	CHR5:3608244	SSF x Near_LoA	-8,306	0,131	0,270
CHR5	3608293	CHR5:3608293	SSF x Near_LoA	-8,951	-0,061	0,280
CHR5	3630139	CHR5:3630139	SSF x Near_LoA	-9,599	-0,050	0,294
CHR5	3630725	CHR5:3630725	SSF x Near_LoA	-8,632	0,035	0,288
CHR5	3630760	CHR5:3630760	SSF x Near_LoA	-9,660	0,093	0,292
CHR5	3631922	CHR5:3631922	SSF x Near_LoA	-10,125	-0,078	0,285
CHR5	3631969	CHR5:3631969	SSF x Near_LoA	-8,863	-0,095	0,283
CHR5	3632163	CHR5:3632163	SSF x Near_LoA	-7,536	0,083	0,281
CHR5	3632254	CHR5:3632254	SSF x Near_LoA	-7,109	0,108	0,287
CHR5	3632269	CHR5:3632269	SSF x Near_LoA	-7,689	-0,119	0,289
CHR5	3636451	CHR5:3636451	SSF x Near_LoA	-6,855	0,119	0,273
CHR5	3643336	CHR5:3643336	SSF x Near_LoA	-9,758	0,054	0,284
CHR5	3650528	CHR5:3650528	SSF x Near_LoA	-6,643	-0,098	0,286
CHR5	3650541	CHR5:3650541	SSF x Near_LoA	-6,999	-0,027	0,292
CHR5	3650573	CHR5:3650573	SSF x Near_LoA	-7,315	0,096	0,277
CHR5	3650581	CHR5:3650581	SSF x Near_LoA	-6,849	-0,095	0,276
CHR5	3650590	CHR5:3650590	SSF x Near_LoA	-6,676	0,089	0,273
CHR5	3671414	CHR5:3671414	SSF x Near_LoA	-10,088	0,089	0,281
CHR5	3671506	CHR5:3671506	SSF x Near_LoA	-7,163	-0,095	0,291

CHR5	3677957	CHR5:3677957	SSF x Near_LoA	-10,271	0,036	0,288
CHR5	3678264	CHR5:3678264	SSF x Near_LoA	-6,328	-0,160	0,285
CHR5	3679380	CHR5:3679380	SSF x Near_LoA	-8,836	-0,036	0,310
CHR5	3679463	CHR5:3679463	SSF x Near_LoA	-9,335	0,006	0,293
CHR5	3679552	CHR5:3679552	SSF x Near_LoA	-4,083	-0,043	0,312
CHR5	3686129	CHR5:3686129	SSF x Near_LoA	-6,810	0,008	0,302
CHR5	3689013	CHR5:3689013	SSF x Near_LoA	-7,792	0,029	0,288
CHR5	3689017	CHR5:3689017	SSF x Near_LoA	-7,685	-0,094	0,283
CHR5	3689035	CHR5:3689035	SSF x Near_LoA	-9,533	0,033	0,276
CHR5	3700499	CHR5:3700499	SSF x Near_LoA	-9,151	0,010	0,292
CHR5	3700592	CHR5:3700592	SSF x Near_LoA	-6,547	-0,090	0,276
CHR5	3722306	CHR5:3722306	SSF x Near_LoA	-10,184	-0,007	0,268
CHR5	3722471	CHR5:3722471	SSF x Near_LoA	-4,716	-0,200	0,255
CHR5	3722503	CHR5:3722503	SSF x Near_LoA	-6,321	0,141	0,267
CHR5	3722505	CHR5:3722505	SSF x Near_LoA	-7,915	0,124	0,267
CHR5	3722538	CHR5:3722538	SSF x Near_LoA	-8,752	0,037	0,285
CHR5	3734092	CHR5:3734092	SSF x Near_LoA	-5,511	0,180	0,282
CHR5	3734319	CHR5:3734319	SSF x Near_LoA	-7,556	-0,029	0,284
CHR5	3734364	CHR5:3734364	SSF x Near_LoA	-5,476	0,154	0,288
CHR5	3748544	CHR5:3748544	SSF x Near_LoA	-6,739	-0,082	0,278
CHR5	3748568	CHR5:3748568	SSF x Near_LoA	-6,214	0,125	0,274
CHR5	3748578	CHR5:3748578	SSF x Near_LoA	-7,333	0,063	0,275
CHR5	3748848	CHR5:3748848	SSF x Near_LoA	-10,000	0,013	0,277
CHR5	3755944	CHR5:3755944	SSF x Near_LoA	-8,577	-0,153	0,275
CHR5	3755956	CHR5:3755956	SSF x Near_LoA	-7,997	0,068	0,291
CHR5	3756024	CHR5:3756024	SSF x Near_LoA	-10,359	-0,058	0,286
CHR5	3756718	CHR5:3756718	SSF x Near_LoA	-9,795	-0,017	0,286
CHR5	3756783	CHR5:3756783	SSF x Near_LoA	-9,270	-0,076	0,290
CHR5	3756788	CHR5:3756788	SSF x Near_LoA	-10,917	0,025	0,270
CHR5	3764497	CHR5:3764497	SSF x Near_LoA	-9,342	-0,087	0,284
CHR5	3764687	CHR5:3764687	SSF x Near_LoA	-1,340	-0,358	0,247
CHR5	3785769	CHR5:3785769	SSF x Near_LoA	-5,873	-0,105	0,283
CHR5	3785778	CHR5:3785778	SSF x Near_LoA	-7,714	0,041	0,287
CHR5	3785830	CHR5:3785830	SSF x Near_LoA	-7,253	0,036	0,285
CHR5	3785854	CHR5:3785854	SSF x Near_LoA	-7,490	-0,007	0,286
CHR5	3785865	CHR5:3785865	SSF x Near_LoA	-6,883	-0,089	0,286
CHR5	3785903	CHR5:3785903	SSF x Near_LoA	-10,025	-0,058	0,283
CHR5	3785926	CHR5:3785926	SSF x Near_LoA	-3,475	0,166	0,293
CHR5	3785978	CHR5:3785978	SSF x Near_LoA	-9,229	-0,089	0,284
CHR5	3786012	CHR5:3786012	SSF x Near_LoA	-9,926	0,011	0,301
CHR5	3786122	CHR5:3786122	SSF x Near_LoA	-3,996	0,230	0,277
CHR5	3786153	CHR5:3786153	SSF x Near_LoA	-9,051	-0,170	0,281
CHR5	3801999	CHR5:3801999	SSF x Near_LoA	-8,814	-0,070	0,292
CHR5	3802204	CHR5:3802204	SSF x Near_LoA	-8,411	0,020	0,278
CHR5	3812209	CHR5:3812209	SSF x Near_LoA	-8,343	0,101	0,269
CHR5	3828708	CHR5:3828708	SSF x Near_LoA	-4,130	0,112	0,292
CHR5	3829839	CHR5:3829839	SSF x Near_LoA	-8,402	0,101	0,285
CHR5	3830013	CHR5:3830013	SSF x Near_LoA	-8,346	-0,066	0,303
CHR5	3836683	CHR5:3836683	SSF x Near_LoA	-5,931	0,138	0,283
CHR5	3864601	CHR5:3864601	SSF x Near_LoA	-8,035	-0,002	0,287
CHR5	3864690	CHR5:3864690	SSF x Near_LoA	-8,141	-0,039	0,289
CHR5	3864707	CHR5:3864707	SSF x Near_LoA	-7,637	0,093	0,286
CHR5	3893616	CHR5:3893616	SSF x Near_LoA	-7,845	-0,068	0,291

CHR5	3907090	CHR5:3907090	SSF x Near_LoA	-8,007	-0,123	0,292
CHR5	3908677	CHR5:3908677	SSF x Near_LoA	-4,782	0,072	0,285
CHR5	3908695	CHR5:3908695	SSF x Near_LoA	-6,788	0,124	0,274
CHR5	3908746	CHR5:3908746	SSF x Near_LoA	-7,766	0,048	0,290
CHR5	3908794	CHR5:3908794	SSF x Near_LoA	-9,655	-0,016	0,284
CHR5	3911012	CHR5:3911012	SSF x Near_LoA	-8,012	-0,013	0,287
CHR5	3911078	CHR5:3911078	SSF x Near_LoA	-2,487	-0,044	0,292
CHR5	3917395	CHR5:3917395	SSF x Near_LoA	-3,583	0,194	0,273
CHR5	3917402	CHR5:3917402	SSF x Near_LoA	-6,191	-0,133	0,278
CHR5	3934921	CHR5:3934921	SSF x Near_LoA	-8,469	0,012	0,291
CHR5	3944828	CHR5:3944828	SSF x Near_LoA	-6,833	0,124	0,271
CHR5	3944930	CHR5:3944930	SSF x Near_LoA	-5,145	0,144	0,260
CHR5	3944948	CHR5:3944948	SSF x Near_LoA	-9,480	-0,026	0,291
CHR5	3946362	CHR5:3946362	SSF x Near_LoA	-10,970	0,010	0,287
CHR5	3973663	CHR5:3973663	SSF x Near_LoA	-9,605	0,033	0,281
CHR5	3976174	CHR5:3976174	SSF x Near_LoA	-6,682	-0,012	0,293
CHR5	4003642	CHR5:4003642	SSF x Near_LoA	-7,081	-0,137	0,286
CHR5	4003690	CHR5:4003690	SSF x Near_LoA	-9,301	-0,030	0,280
CHR5	4003796	CHR5:4003796	SSF x Near_LoA	-9,519	0,098	0,283
CHR5	4003863	CHR5:4003863	SSF x Near_LoA	-9,881	0,072	0,283
CHR5	4011470	CHR5:4011470	SSF x Near_LoA	-7,737	0,112	0,286
CHR5	4011530	CHR5:4011530	SSF x Near_LoA	-10,888	-0,047	0,265
CHR5	4011561	CHR5:4011561	SSF x Near_LoA	-10,701	0,039	0,281
CHR5	4011570	CHR5:4011570	SSF x Near_LoA	-7,622	-0,038	0,295
CHR5	4011604	CHR5:4011604	SSF x Near_LoA	-7,345	-0,063	0,288
CHR5	4011617	CHR5:4011617	SSF x Near_LoA	-4,820	-0,151	0,294
CHR5	4011631	CHR5:4011631	SSF x Near_LoA	-6,788	0,011	0,305
CHR5	4056234	CHR5:4056234	SSF x Near_LoA	-7,229	0,034	0,290
CHR5	4060417	CHR5:4060417	SSF x Near_LoA	-9,638	0,030	0,280
CHR5	4062811	CHR5:4062811	SSF x Near_LoA	-6,510	0,071	0,291
CHR5	4062939	CHR5:4062939	SSF x Near_LoA	-7,203	0,085	0,271
CHR5	4062976	CHR5:4062976	SSF x Near_LoA	-5,891	-0,097	0,297
CHR5	4074416	CHR5:4074416	SSF x Near_LoA	-8,390	-0,046	0,285
CHR5	4074723	CHR5:4074723	SSF x Near_LoA	-7,185	-0,038	0,278
CHR5	4074765	CHR5:4074765	SSF x Near_LoA	-9,245	-0,056	0,282
CHR5	4078089	CHR5:4078089	SSF x Near_LoA	-10,363	0,003	0,294
CHR5	4078111	CHR5:4078111	SSF x Near_LoA	-8,688	-0,119	0,281
CHR5	4078162	CHR5:4078162	SSF x Near_LoA	-7,645	0,026	0,275
CHR5	4078169	CHR5:4078169	SSF x Near_LoA	-9,929	-0,026	0,280
CHR5	4078239	CHR5:4078239	SSF x Near_LoA	-9,135	-0,087	0,289
CHR5	4078259	CHR5:4078259	SSF x Near_LoA	-3,412	-0,173	0,287
CHR5	4078828	CHR5:4078828	SSF x Near_LoA	-8,358	-0,032	0,279
CHR5	4078834	CHR5:4078834	SSF x Near_LoA	-9,130	-0,087	0,268
CHR5	4081671	CHR5:4081671	SSF x Near_LoA	-10,281	-0,090	0,280
CHR5	4083002	CHR5:4083002	SSF x Near_LoA	-6,698	0,075	0,302
CHR5	4083171	CHR5:4083171	SSF x Near_LoA	-8,485	-0,036	0,289
CHR5	4086318	CHR5:4086318	SSF x Near_LoA	-8,162	0,030	0,295
CHR5	4103800	CHR5:4103800	SSF x Near_LoA	-10,264	0,014	0,291
CHR5	4103826	CHR5:4103826	SSF x Near_LoA	-3,880	-0,130	0,280
CHR5	4104139	CHR5:4104139	SSF x Near_LoA	-6,122	-0,199	0,268
CHR5	4104141	CHR5:4104141	SSF x Near_LoA	-6,503	-0,070	0,300
CHR5	4104240	CHR5:4104240	SSF x Near_LoA	-7,946	0,089	0,275
CHR5	4104271	CHR5:4104271	SSF x Near_LoA	-8,566	-0,082	0,294

CHR5	4104274	CHR5:4104274	SSF x Near_LoA	-10,040	0,022	0,302
CHR5	4115662	CHR5:4115662	SSF x Near_LoA	-8,870	-0,010	0,301
CHR5	4115765	CHR5:4115765	SSF x Near_LoA	-5,896	-0,090	0,284
CHR5	4115895	CHR5:4115895	SSF x Near_LoA	-10,639	0,013	0,291
CHR5	4121766	CHR5:4121766	SSF x Near_LoA	-9,668	-0,041	0,279
CHR5	4123499	CHR5:4123499	SSF x Near_LoA	-7,838	-0,043	0,274
CHR5	4125386	CHR5:4125386	SSF x Near_LoA	-2,150	-0,237	0,281
CHR5	4125421	CHR5:4125421	SSF x Near_LoA	-2,279	-0,225	0,272
CHR5	4125458	CHR5:4125458	SSF x Near_LoA	-1,529	-0,253	0,273
CHR5	4125662	CHR5:4125662	SSF x Near_LoA	-10,089	0,013	0,282
CHR5	4125746	CHR5:4125746	SSF x Near_LoA	-4,569	0,080	0,283
CHR5	4153575	CHR5:4153575	SSF x Near_LoA	-5,010	-0,192	0,269
CHR5	4153611	CHR5:4153611	SSF x Near_LoA	-4,087	0,171	0,271
CHR5	4153756	CHR5:4153756	SSF x Near_LoA	-7,525	0,105	0,287
CHR5	4153763	CHR5:4153763	SSF x Near_LoA	-7,573	0,104	0,272
CHR5	4153775	CHR5:4153775	SSF x Near_LoA	-8,871	-0,115	0,283
CHR5	4153851	CHR5:4153851	SSF x Near_LoA	-5,499	0,092	0,278
CHR5	4153892	CHR5:4153892	SSF x Near_LoA	-0,693	0,113	0,294
CHR5	4208932	CHR5:4208932	SSF x Near_LoA	-10,299	0,092	0,284
CHR5	4208936	CHR5:4208936	SSF x Near_LoA	-9,095	-0,048	0,291
CHR5	4208963	CHR5:4208963	SSF x Near_LoA	-8,750	-0,082	0,288
CHR5	4214698	CHR5:4214698	SSF x Near_LoA	-6,126	0,089	0,290
CHR5	4214788	CHR5:4214788	SSF x Near_LoA	-7,168	-0,016	0,275
CHR5	4218150	CHR5:4218150	SSF x Near_LoA	-8,568	-0,079	0,267
CHR5	4218375	CHR5:4218375	SSF x Near_LoA	-8,490	-0,014	0,272
CHR5	4223577	CHR5:4223577	SSF x Near_LoA	-7,143	0,054	0,287
CHR5	4223590	CHR5:4223590	SSF x Near_LoA	-9,062	0,042	0,292
CHR5	4223627	CHR5:4223627	SSF x Near_LoA	-7,990	-0,033	0,282
CHR5	4229106	CHR5:4229106	SSF x Near_LoA	-6,387	-0,115	0,282
CHR5	4229131	CHR5:4229131	SSF x Near_LoA	-8,391	0,173	0,277
CHR5	4229197	CHR5:4229197	SSF x Near_LoA	-7,621	0,076	0,299
CHR5	4235591	CHR5:4235591	SSF x Near_LoA	-8,167	0,036	0,284
CHR5	4235767	CHR5:4235767	SSF x Near_LoA	-7,321	0,083	0,286
CHR5	4235791	CHR5:4235791	SSF x Near_LoA	-7,047	0,044	0,292
CHR5	4235846	CHR5:4235846	SSF x Near_LoA	-8,282	0,031	0,287
CHR5	4235850	CHR5:4235850	SSF x Near_LoA	-7,133	-0,063	0,291
CHR5	4235855	CHR5:4235855	SSF x Near_LoA	-7,851	0,177	0,282
CHR5	4235922	CHR5:4235922	SSF x Near_LoA	-9,236	0,021	0,292
CHR5	4235941	CHR5:4235941	SSF x Near_LoA	-6,281	-0,132	0,280
CHR5	4235969	CHR5:4235969	SSF x Near_LoA	-9,834	-0,120	0,280
CHR5	4244640	CHR5:4244640	SSF x Near_LoA	-7,987	0,020	0,300
CHR5	4244896	CHR5:4244896	SSF x Near_LoA	-2,683	-0,012	0,294
CHR5	4255836	CHR5:4255836	SSF x Near_LoA	-10,517	0,048	0,284
CHR5	4256067	CHR5:4256067	SSF x Near_LoA	-8,426	0,000	0,301
CHR5	4256089	CHR5:4256089	SSF x Near_LoA	-7,550	0,031	0,288
CHR5	4256122	CHR5:4256122	SSF x Near_LoA	-8,561	0,014	0,273
CHR5	4258224	CHR5:4258224	SSF x Near_LoA	-1,785	-0,228	0,275
CHR5	4258354	CHR5:4258354	SSF x Near_LoA	-8,999	-0,030	0,286
CHR5	4258390	CHR5:4258390	SSF x Near_LoA	-7,801	-0,010	0,294
CHR5	4258515	CHR5:4258515	SSF x Near_LoA	-6,462	-0,154	0,285
CHR5	4259506	CHR5:4259506	SSF x Near_LoA	-6,389	-0,165	0,278
CHR5	4259524	CHR5:4259524	SSF x Near_LoA	-9,491	0,154	0,284
CHR5	4259603	CHR5:4259603	SSF x Near_LoA	-9,937	-0,044	0,291

CHR5	4263890	CHR5:4263890	SSF x Near_LoA	-9,386	0,031	0,283
CHR5	4263920	CHR5:4263920	SSF x Near_LoA	-7,218	0,092	0,286
CHR5	4263970	CHR5:4263970	SSF x Near_LoA	-6,252	0,100	0,281
CHR5	4264000	CHR5:4264000	SSF x Near_LoA	-6,672	-0,009	0,298
CHR5	4264022	CHR5:4264022	SSF x Near_LoA	-8,439	0,041	0,284
CHR5	4265419	CHR5:4265419	SSF x Near_LoA	-8,734	0,072	0,291
CHR5	4265430	CHR5:4265430	SSF x Near_LoA	-7,747	0,086	0,288
CHR5	4265463	CHR5:4265463	SSF x Near_LoA	-5,235	0,176	0,265
CHR5	4299034	CHR5:4299034	SSF x Near_LoA	-6,423	0,162	0,289
CHR5	4300841	CHR5:4300841	SSF x Near_LoA	-10,635	0,124	0,271
CHR5	4301019	CHR5:4301019	SSF x Near_LoA	-10,105	-0,040	0,296
CHR5	4301054	CHR5:4301054	SSF x Near_LoA	-2,452	0,115	0,282
CHR5	4301066	CHR5:4301066	SSF x Near_LoA	-4,974	0,117	0,290
CHR5	4302472	CHR5:4302472	SSF x Near_LoA	-5,237	-0,182	0,291
CHR5	4302605	CHR5:4302605	SSF x Near_LoA	-8,405	0,059	0,284
CHR5	4302702	CHR5:4302702	SSF x Near_LoA	-4,635	0,181	0,282
CHR5	4302761	CHR5:4302761	SSF x Near_LoA	-6,705	0,177	0,274
CHR5	4305458	CHR5:4305458	SSF x Near_LoA	-7,622	0,084	0,283
CHR5	4310065	CHR5:4310065	SSF x Near_LoA	-9,722	-0,045	0,284
CHR5	4310086	CHR5:4310086	SSF x Near_LoA	-5,550	0,051	0,288
CHR5	4317659	CHR5:4317659	SSF x Near_LoA	-10,881	0,031	0,278
CHR5	4317739	CHR5:4317739	SSF x Near_LoA	-7,226	-0,077	0,288
CHR5	4319168	CHR5:4319168	SSF x Near_LoA	-7,735	0,021	0,280
CHR5	4328226	CHR5:4328226	SSF x Near_LoA	-8,828	0,108	0,282
CHR5	4328253	CHR5:4328253	SSF x Near_LoA	-7,260	-0,074	0,274
CHR5	4328301	CHR5:4328301	SSF x Near_LoA	-10,024	-0,081	0,280
CHR5	4329501	CHR5:4329501	SSF x Near_LoA	-10,267	-0,030	0,286
CHR5	4329502	CHR5:4329502	SSF x Near_LoA	-9,791	0,065	0,279
CHR5	4329503	CHR5:4329503	SSF x Near_LoA	-8,060	0,009	0,293
CHR5	4329565	CHR5:4329565	SSF x Near_LoA	-10,435	0,050	0,290
CHR5	4329573	CHR5:4329573	SSF x Near_LoA	-8,036	0,061	0,294
CHR5	4329753	CHR5:4329753	SSF x Near_LoA	-6,410	0,168	0,264
CHR5	4338647	CHR5:4338647	SSF x Near_LoA	-6,994	-0,131	0,286
CHR5	4338695	CHR5:4338695	SSF x Near_LoA	-6,712	-0,157	0,300
CHR5	4340188	CHR5:4340188	SSF x Near_LoA	-10,472	0,032	0,282
CHR5	4343813	CHR5:4343813	SSF x Near_LoA	-8,366	-0,040	0,292
CHR5	4343888	CHR5:4343888	SSF x Near_LoA	-8,847	-0,040	0,299
CHR5	4343953	CHR5:4343953	SSF x Near_LoA	-7,865	0,089	0,277
CHR5	4343978	CHR5:4343978	SSF x Near_LoA	-8,249	0,009	0,282
CHR5	4360397	CHR5:4360397	SSF x Near_LoA	-6,898	-0,065	0,286
CHR5	4360658	CHR5:4360658	SSF x Near_LoA	-7,722	0,169	0,291
CHR5	4360683	CHR5:4360683	SSF x Near_LoA	-4,906	0,104	0,293
CHR5	4360685	CHR5:4360685	SSF x Near_LoA	-6,871	0,130	0,284
CHR5	4364449	CHR5:4364449	SSF x Near_LoA	-8,982	-0,097	0,288
CHR5	4364465	CHR5:4364465	SSF x Near_LoA	-6,872	-0,030	0,287
CHR5	4364564	CHR5:4364564	SSF x Near_LoA	-9,330	-0,024	0,295
CHR5	4364825	CHR5:4364825	SSF x Near_LoA	-7,243	0,102	0,298
CHR5	4385030	CHR5:4385030	SSF x Near_LoA	-7,176	0,153	0,291
CHR5	4386108	CHR5:4386108	SSF x Near_LoA	-6,172	0,117	0,294
CHR5	4388430	CHR5:4388430	SSF x Near_LoA	-7,098	0,165	0,292
CHR5	4401367	CHR5:4401367	SSF x Near_LoA	-7,519	0,041	0,292
CHR5	4401389	CHR5:4401389	SSF x Near_LoA	-10,085	0,121	0,269
CHR5	4401547	CHR5:4401547	SSF x Near_LoA	-9,304	0,080	0,289

CHR5	4405487	CHR5:4405487	SSF x Near_LoA	-10,729	0,040	0,291
CHR5	4405531	CHR5:4405531	SSF x Near_LoA	-9,805	-0,054	0,276
CHR5	4419068	CHR5:4419068	SSF x Near_LoA	-9,058	-0,040	0,286
CHR5	4419167	CHR5:4419167	SSF x Near_LoA	-10,517	-0,002	0,289
CHR5	4419186	CHR5:4419186	SSF x Near_LoA	-9,935	-0,023	0,287
CHR5	4419201	CHR5:4419201	SSF x Near_LoA	-10,412	-0,045	0,277
CHR5	4419211	CHR5:4419211	SSF x Near_LoA	-8,540	-0,057	0,284
CHR5	4419258	CHR5:4419258	SSF x Near_LoA	-8,295	-0,115	0,301
CHR5	4419311	CHR5:4419311	SSF x Near_LoA	-2,663	0,212	0,282
CHR5	4419322	CHR5:4419322	SSF x Near_LoA	-8,493	-0,030	0,298
CHR5	4420953	CHR5:4420953	SSF x Near_LoA	-7,124	0,012	0,287
CHR5	4423101	CHR5:4423101	SSF x Near_LoA	-6,837	-0,083	0,283
CHR5	4423131	CHR5:4423131	SSF x Near_LoA	-8,143	-0,044	0,291
CHR5	4423132	CHR5:4423132	SSF x Near_LoA	-9,423	-0,020	0,293
CHR5	4423396	CHR5:4423396	SSF x Near_LoA	-9,799	0,021	0,282
CHR5	4426197	CHR5:4426197	SSF x Near_LoA	-8,153	0,082	0,291
CHR5	4426310	CHR5:4426310	SSF x Near_LoA	-7,901	-0,030	0,286
CHR5	4426335	CHR5:4426335	SSF x Near_LoA	-7,843	0,011	0,299
CHR5	4426406	CHR5:4426406	SSF x Near_LoA	-9,711	0,040	0,291
CHR5	4426409	CHR5:4426409	SSF x Near_LoA	-8,967	-0,001	0,295
CHR5	4426517	CHR5:4426517	SSF x Near_LoA	-8,560	0,047	0,304
CHR5	4462312	CHR5:4462312	SSF x Near_LoA	-9,771	-0,039	0,290
CHR5	4462317	CHR5:4462317	SSF x Near_LoA	-6,317	-0,091	0,284
CHR5	4462454	CHR5:4462454	SSF x Near_LoA	-7,472	-0,023	0,287
CHR5	4465319	CHR5:4465319	SSF x Near_LoA	-10,111	-0,016	0,287
CHR5	4468216	CHR5:4468216	SSF x Near_LoA	-5,776	-0,107	0,278
CHR5	4468255	CHR5:4468255	SSF x Near_LoA	-10,571	-0,009	0,288
CHR5	4468270	CHR5:4468270	SSF x Near_LoA	-8,557	0,044	0,292
CHR5	4468516	CHR5:4468516	SSF x Near_LoA	-5,112	-0,194	0,284
CHR5	4486799	CHR5:4486799	SSF x Near_LoA	-5,115	0,018	0,288
CHR5	4486946	CHR5:4486946	SSF x Near_LoA	-7,829	-0,086	0,287
CHR5	4486980	CHR5:4486980	SSF x Near_LoA	-7,767	-0,036	0,276
CHR5	4487190	CHR5:4487190	SSF x Near_LoA	-8,162	-0,015	0,292
CHR5	4487217	CHR5:4487217	SSF x Near_LoA	-10,299	-0,062	0,283
CHR5	4491361	CHR5:4491361	SSF x Near_LoA	-7,266	0,167	0,271
CHR5	4518043	CHR5:4518043	SSF x Near_LoA	-7,675	-0,017	0,309
CHR5	4518092	CHR5:4518092	SSF x Near_LoA	-8,425	-0,081	0,276
CHR5	4518131	CHR5:4518131	SSF x Near_LoA	-10,880	-0,008	0,273
CHR5	4525856	CHR5:4525856	SSF x Near_LoA	-4,747	-0,185	0,290
CHR5	4537842	CHR5:4537842	SSF x Near_LoA	-8,620	0,100	0,278
CHR5	4537989	CHR5:4537989	SSF x Near_LoA	-9,385	0,077	0,291
CHR5	4538116	CHR5:4538116	SSF x Near_LoA	-6,898	0,059	0,281
CHR5	4538195	CHR5:4538195	SSF x Near_LoA	-9,427	0,015	0,287
CHR5	4549217	CHR5:4549217	SSF x Near_LoA	-10,240	-0,002	0,285
CHR5	4549298	CHR5:4549298	SSF x Near_LoA	-9,418	-0,060	0,283
CHR5	4558974	CHR5:4558974	SSF x Near_LoA	-10,008	-0,065	0,281
CHR5	4558977	CHR5:4558977	SSF x Near_LoA	-8,762	-0,051	0,299
CHR5	4558983	CHR5:4558983	SSF x Near_LoA	-9,010	-0,003	0,295
CHR5	4558986	CHR5:4558986	SSF x Near_LoA	-8,803	0,060	0,292
CHR5	4559012	CHR5:4559012	SSF x Near_LoA	-10,704	-0,086	0,286
CHR5	4559036	CHR5:4559036	SSF x Near_LoA	-7,816	-0,071	0,277
CHR5	4559068	CHR5:4559068	SSF x Near_LoA	-7,414	-0,030	0,295
CHR5	4559108	CHR5:4559108	SSF x Near_LoA	-8,756	-0,099	0,283

CHR5	4559111	CHR5:4559111	SSF x Near_LoA	-7,931	-0,115	0,277
CHR5	4559118	CHR5:4559118	SSF x Near_LoA	-1,519	0,054	0,283
CHR5	4559148	CHR5:4559148	SSF x Near_LoA	-6,652	-0,110	0,300
CHR5	4559239	CHR5:4559239	SSF x Near_LoA	-8,688	0,090	0,280
CHR5	4559285	CHR5:4559285	SSF x Near_LoA	-7,473	0,093	0,281
CHR5	4559340	CHR5:4559340	SSF x Near_LoA	-7,609	-0,045	0,287
CHR5	4566110	CHR5:4566110	SSF x Near_LoA	-7,976	-0,110	0,285
CHR5	4566145	CHR5:4566145	SSF x Near_LoA	-7,591	-0,098	0,291
CHR5	4566464	CHR5:4566464	SSF x Near_LoA	-9,965	0,004	0,285
CHR5	4567583	CHR5:4567583	SSF x Near_LoA	-9,517	0,026	0,295
CHR5	4568245	CHR5:4568245	SSF x Near_LoA	-10,839	-0,005	0,283
CHR5	4569774	CHR5:4569774	SSF x Near_LoA	-9,286	0,080	0,283
CHR5	4569811	CHR5:4569811	SSF x Near_LoA	-7,711	-0,051	0,285
CHR5	4569813	CHR5:4569813	SSF x Near_LoA	-7,893	-0,062	0,282
CHR5	4569815	CHR5:4569815	SSF x Near_LoA	-8,733	-0,055	0,281
CHR5	4569856	CHR5:4569856	SSF x Near_LoA	-10,476	0,020	0,280
CHR5	4569916	CHR5:4569916	SSF x Near_LoA	-7,928	0,122	0,262
CHR5	4569974	CHR5:4569974	SSF x Near_LoA	-6,952	-0,146	0,274
CHR5	4569999	CHR5:4569999	SSF x Near_LoA	-9,365	0,103	0,284
CHR5	4576305	CHR5:4576305	SSF x Near_LoA	-8,392	-0,071	0,288
CHR5	4576332	CHR5:4576332	SSF x Near_LoA	-7,732	0,112	0,287
CHR5	4582051	CHR5:4582051	SSF x Near_LoA	5,106	0,176	0,271
CHR5	4582785	CHR5:4582785	SSF x Near_LoA	-9,239	0,082	0,288
CHR5	4586999	CHR5:4586999	SSF x Near_LoA	-2,850	0,130	0,291
CHR5	4587015	CHR5:4587015	SSF x Near_LoA	-8,683	0,087	0,273
CHR5	4587058	CHR5:4587058	SSF x Near_LoA	-8,337	-0,025	0,297
CHR5	4587067	CHR5:4587067	SSF x Near_LoA	-9,783	-0,078	0,276
CHR5	4601774	CHR5:4601774	SSF x Near_LoA	-4,691	0,143	0,275
CHR5	4612814	CHR5:4612814	SSF x Near_LoA	-8,298	0,023	0,291
CHR5	4627038	CHR5:4627038	SSF x Near_LoA	-7,819	0,034	0,301
CHR5	4628910	CHR5:4628910	SSF x Near_LoA	-7,301	0,011	0,291
CHR5	4667280	CHR5:4667280	SSF x Near_LoA	-1,406	-0,176	0,276
CHR5	4667494	CHR5:4667494	SSF x Near_LoA	-7,164	0,032	0,294
CHR5	4669798	CHR5:4669798	SSF x Near_LoA	-7,772	-0,135	0,291
CHR5	4680103	CHR5:4680103	SSF x Near_LoA	-7,527	0,072	0,290
CHR5	4690090	CHR5:4690090	SSF x Near_LoA	-4,901	-0,115	0,285
CHR5	4695809	CHR5:4695809	SSF x Near_LoA	0,931	-0,292	0,250
CHR5	4695965	CHR5:4695965	SSF x Near_LoA	-3,909	-0,238	0,265
CHR5	4696048	CHR5:4696048	SSF x Near_LoA	-3,058	-0,233	0,258
CHR5	4770235	CHR5:4770235	SSF x Near_LoA	-4,771	0,016	0,286
CHR5	4781432	CHR5:4781432	SSF x Near_LoA	-4,676	-0,190	0,283
CHR5	4781517	CHR5:4781517	SSF x Near_LoA	-9,531	0,041	0,283
CHR5	4781550	CHR5:4781550	SSF x Near_LoA	-7,168	0,069	0,279
CHR5	4781757	CHR5:4781757	SSF x Near_LoA	-9,427	-0,098	0,295
CHR5	4784784	CHR5:4784784	SSF x Near_LoA	-9,397	-0,092	0,285
CHR5	4784827	CHR5:4784827	SSF x Near_LoA	-9,848	0,009	0,287
CHR5	4789924	CHR5:4789924	SSF x Near_LoA	-5,321	0,020	0,274
CHR5	4789974	CHR5:4789974	SSF x Near_LoA	-9,876	0,046	0,288
CHR5	4789978	CHR5:4789978	SSF x Near_LoA	-10,457	-0,036	0,287
CHR5	4792639	CHR5:4792639	SSF x Near_LoA	-8,809	-0,156	0,279
CHR5	4816742	CHR5:4816742	SSF x Near_LoA	-7,748	0,039	0,300
CHR5	4816793	CHR5:4816793	SSF x Near_LoA	-9,084	0,035	0,271
CHR5	4825121	CHR5:4825121	SSF x Near_LoA	-6,481	-0,063	0,283

CHR5	4840916	CHR5:4840916	SSF x Near_LoA	-7,643	-0,056	0,277
CHR5	4840994	CHR5:4840994	SSF x Near_LoA	-2,918	0,171	0,275
CHR5	4841106	CHR5:4841106	SSF x Near_LoA	-9,421	-0,019	0,292
CHR5	4841250	CHR5:4841250	SSF x Near_LoA	-9,975	0,084	0,274
CHR5	4841289	CHR5:4841289	SSF x Near_LoA	-8,844	0,013	0,275
CHR5	4845298	CHR5:4845298	SSF x Near_LoA	-6,115	-0,135	0,283
CHR5	4851310	CHR5:4851310	SSF x Near_LoA	-8,153	0,013	0,290
CHR5	4861285	CHR5:4861285	SSF x Near_LoA	-5,374	-0,147	0,290
CHR5	4864527	CHR5:4864527	SSF x Near_LoA	-7,221	0,017	0,294
CHR5	4866749	CHR5:4866749	SSF x Near_LoA	-8,685	0,007	0,295
CHR5	4866830	CHR5:4866830	SSF x Near_LoA	-7,073	0,114	0,272
CHR5	4867614	CHR5:4867614	SSF x Near_LoA	-7,029	0,088	0,298
CHR5	4867677	CHR5:4867677	SSF x Near_LoA	-3,352	-0,115	0,282
CHR5	4890093	CHR5:4890093	SSF x Near_LoA	-7,254	-0,054	0,292
CHR5	4890140	CHR5:4890140	SSF x Near_LoA	-9,623	-0,033	0,298
CHR5	4890169	CHR5:4890169	SSF x Near_LoA	-11,099	-0,025	0,287
CHR5	4890297	CHR5:4890297	SSF x Near_LoA	-9,589	0,039	0,260
CHR5	4890304	CHR5:4890304	SSF x Near_LoA	-9,575	-0,007	0,290
CHR5	4898323	CHR5:4898323	SSF x Near_LoA	-4,073	0,042	0,292
CHR5	4900303	CHR5:4900303	SSF x Near_LoA	-7,939	-0,077	0,287
CHR5	4901271	CHR5:4901271	SSF x Near_LoA	-5,862	-0,079	0,291
CHR5	4901348	CHR5:4901348	SSF x Near_LoA	-9,505	0,151	0,275
CHR5	4901356	CHR5:4901356	SSF x Near_LoA	-2,026	-0,224	0,272
CHR5	4915973	CHR5:4915973	SSF x Near_LoA	-6,632	0,005	0,292
CHR5	4916384	CHR5:4916384	SSF x Near_LoA	-8,074	0,030	0,286
CHR5	4933029	CHR5:4933029	SSF x Near_LoA	-8,883	0,021	0,290
CHR5	4943708	CHR5:4943708	SSF x Near_LoA	-10,634	-0,025	0,288
CHR5	4944580	CHR5:4944580	SSF x Near_LoA	-7,475	0,051	0,291
CHR5	4944636	CHR5:4944636	SSF x Near_LoA	-8,887	-0,061	0,290
CHR5	4944647	CHR5:4944647	SSF x Near_LoA	-9,808	-0,008	0,288
CHR5	4959557	CHR5:4959557	SSF x Near_LoA	-2,789	0,123	0,297
CHR5	4959562	CHR5:4959562	SSF x Near_LoA	-8,491	-0,068	0,287
CHR5	4969173	CHR5:4969173	SSF x Near_LoA	-8,034	-0,012	0,286
CHR5	4969290	CHR5:4969290	SSF x Near_LoA	-7,254	-0,147	0,289
CHR5	4969386	CHR5:4969386	SSF x Near_LoA	-7,386	0,127	0,289
CHR5	4970421	CHR5:4970421	SSF x Near_LoA	-8,335	-0,012	0,285
CHR5	4970500	CHR5:4970500	SSF x Near_LoA	-8,638	-0,127	0,278
CHR5	4970635	CHR5:4970635	SSF x Near_LoA	-8,017	-0,140	0,289
CHR5	4970698	CHR5:4970698	SSF x Near_LoA	-9,212	-0,063	0,284
CHR5	4976570	CHR5:4976570	SSF x Near_LoA	-11,259	-0,003	0,280
CHR5	4976650	CHR5:4976650	SSF x Near_LoA	-9,246	0,022	0,285
CHR5	4989359	CHR5:4989359	SSF x Near_LoA	-9,628	-0,078	0,289
CHR5	4989563	CHR5:4989563	SSF x Near_LoA	-5,319	-0,088	0,283
CHR5	4999063	CHR5:4999063	SSF x Near_LoA	-10,276	-0,012	0,288
CHR5	4999099	CHR5:4999099	SSF x Near_LoA	-6,998	0,061	0,286
CHR5	4999169	CHR5:4999169	SSF x Near_LoA	-7,925	-0,103	0,273
CHR5	4999422	CHR5:4999422	SSF x Near_LoA	-8,078	0,046	0,290
CHR5	5004138	CHR5:5004138	SSF x Near_LoA	-8,534	-0,001	0,273
CHR5	5004283	CHR5:5004283	SSF x Near_LoA	-4,045	-0,206	0,269
CHR5	5006729	CHR5:5006729	SSF x Near_LoA	-5,896	-0,213	0,279
CHR5	5006733	CHR5:5006733	SSF x Near_LoA	-6,353	0,126	0,294
CHR5	5007047	CHR5:5007047	SSF x Near_LoA	-7,836	0,080	0,291
CHR5	5007073	CHR5:5007073	SSF x Near_LoA	-9,626	-0,100	0,289

CHR5	5008839	CHR5:5008839	SSF x Near_LoA	-9,662	-0,174	0,253
CHR5	5009094	CHR5:5009094	SSF x Near_LoA	-7,390	0,080	0,292
CHR5	5020159	CHR5:5020159	SSF x Near_LoA	-7,318	-0,116	0,293
CHR5	5020333	CHR5:5020333	SSF x Near_LoA	-8,036	0,074	0,279
CHR5	5048579	CHR5:5048579	SSF x Near_LoA	-9,225	-0,008	0,278
CHR5	5048758	CHR5:5048758	SSF x Near_LoA	-8,499	-0,005	0,295
CHR5	5048783	CHR5:5048783	SSF x Near_LoA	-7,288	-0,076	0,280
CHR5	5048828	CHR5:5048828	SSF x Near_LoA	-7,081	-0,010	0,301
CHR5	5048903	CHR5:5048903	SSF x Near_LoA	-7,343	0,116	0,287
CHR5	5048994	CHR5:5048994	SSF x Near_LoA	-10,038	-0,038	0,275
CHR5	5049010	CHR5:5049010	SSF x Near_LoA	-7,338	0,011	0,294
CHR5	5061197	CHR5:5061197	SSF x Near_LoA	-3,838	-0,214	0,278
CHR5	5061281	CHR5:5061281	SSF x Near_LoA	-10,176	-0,002	0,279
CHR5	5061302	CHR5:5061302	SSF x Near_LoA	-8,301	-0,058	0,265
CHR5	5061353	CHR5:5061353	SSF x Near_LoA	-7,007	-0,054	0,294
CHR5	5069765	CHR5:5069765	SSF x Near_LoA	-8,110	0,025	0,276
CHR5	5069812	CHR5:5069812	SSF x Near_LoA	-9,413	0,007	0,288
CHR5	5070837	CHR5:5070837	SSF x Near_LoA	-8,388	-0,007	0,276
CHR5	5070877	CHR5:5070877	SSF x Near_LoA	-8,354	0,129	0,279
CHR5	5079920	CHR5:5079920	SSF x Near_LoA	-10,248	-0,051	0,276
CHR5	5079967	CHR5:5079967	SSF x Near_LoA	-9,690	-0,077	0,281
CHR5	5080087	CHR5:5080087	SSF x Near_LoA	-5,509	0,116	0,280
CHR5	5081875	CHR5:5081875	SSF x Near_LoA	-8,457	0,058	0,285
CHR5	5081937	CHR5:5081937	SSF x Near_LoA	5,770	-0,229	0,260
CHR5	5134857	CHR5:5134857	SSF x Near_LoA	-3,370	0,032	0,289
CHR5	5139860	CHR5:5139860	SSF x Near_LoA	-5,130	-0,119	0,299
CHR5	5139865	CHR5:5139865	SSF x Near_LoA	-3,937	0,180	0,276
CHR5	5148005	CHR5:5148005	SSF x Near_LoA	-6,759	-0,016	0,309
CHR5	5167604	CHR5:5167604	SSF x Near_LoA	-9,238	-0,008	0,262
CHR5	5167647	CHR5:5167647	SSF x Near_LoA	-6,897	0,117	0,293
CHR5	5208037	CHR5:5208037	SSF x Near_LoA	-8,294	-0,153	0,289
CHR5	5208192	CHR5:5208192	SSF x Near_LoA	-7,964	-0,013	0,279
CHR5	5208206	CHR5:5208206	SSF x Near_LoA	-7,230	0,026	0,274
CHR5	5236892	CHR5:5236892	SSF x Near_LoA	-7,834	-0,117	0,287
CHR5	5283180	CHR5:5283180	SSF x Near_LoA	-3,463	0,185	0,283
CHR5	5283201	CHR5:5283201	SSF x Near_LoA	-8,099	0,254	0,253
CHR5	5283384	CHR5:5283384	SSF x Near_LoA	-7,641	-0,062	0,289
CHR5	5291070	CHR5:5291070	SSF x Near_LoA	-7,817	0,053	0,290
CHR5	5328017	CHR5:5328017	SSF x Near_LoA	-7,984	-0,049	0,296
CHR5	5344485	CHR5:5344485	SSF x Near_LoA	-5,578	-0,046	0,287
CHR5	5346539	CHR5:5346539	SSF x Near_LoA	-10,019	0,025	0,287
CHR5	5346602	CHR5:5346602	SSF x Near_LoA	-7,216	-0,020	0,282
CHR5	5372222	CHR5:5372222	SSF x Near_LoA	-6,830	-0,027	0,303
CHR5	5372225	CHR5:5372225	SSF x Near_LoA	-6,706	-0,107	0,284
CHR5	5372353	CHR5:5372353	SSF x Near_LoA	-7,793	-0,106	0,284
CHR5	5403210	CHR5:5403210	SSF x Near_LoA	-8,836	-0,045	0,284
CHR5	5403224	CHR5:5403224	SSF x Near_LoA	-7,992	-0,025	0,296
CHR5	5403284	CHR5:5403284	SSF x Near_LoA	-7,484	-0,133	0,288
CHR5	5445490	CHR5:5445490	SSF x Near_LoA	-8,170	0,129	0,291
CHR5	5445542	CHR5:5445542	SSF x Near_LoA	-5,288	0,084	0,289
CHR5	5445549	CHR5:5445549	SSF x Near_LoA	-6,504	0,081	0,272
CHR5	5445605	CHR5:5445605	SSF x Near_LoA	-3,512	-0,194	0,270
CHR5	5445777	CHR5:5445777	SSF x Near_LoA	-5,760	0,151	0,264

CHR5	5445778	CHR5:5445778	SSF x Near_LoA	-5,127	0,162	0,284
CHR5	5445819	CHR5:5445819	SSF x Near_LoA	-10,820	0,011	0,286
CHR5	5445875	CHR5:5445875	SSF x Near_LoA	-7,721	0,054	0,283
CHR5	5445906	CHR5:5445906	SSF x Near_LoA	-9,784	0,056	0,285
CHR5	5456700	CHR5:5456700	SSF x Near_LoA	-3,337	-0,170	0,282
CHR5	5457792	CHR5:5457792	SSF x Near_LoA	-7,436	0,019	0,298
CHR5	5463883	CHR5:5463883	SSF x Near_LoA	-8,176	0,087	0,295
CHR5	5463948	CHR5:5463948	SSF x Near_LoA	-7,670	-0,044	0,292
CHR5	5466332	CHR5:5466332	SSF x Near_LoA	-2,844	-0,137	0,287
CHR5	5466450	CHR5:5466450	SSF x Near_LoA	-7,992	-0,051	0,288
CHR5	5466476	CHR5:5466476	SSF x Near_LoA	-7,859	-0,098	0,282
CHR5	5466491	CHR5:5466491	SSF x Near_LoA	-7,412	-0,124	0,286
CHR5	5466596	CHR5:5466596	SSF x Near_LoA	-6,235	0,087	0,277
CHR5	546949	CHR5:546949	SSF x Near_LoA	-9,464	0,015	0,292
CHR5	5490395	CHR5:5490395	SSF x Near_LoA	-4,246	0,176	0,279
CHR5	5490711	CHR5:5490711	SSF x Near_LoA	-10,211	0,011	0,293
CHR5	5492970	CHR5:5492970	SSF x Near_LoA	-3,981	0,230	0,278
CHR5	5497475	CHR5:5497475	SSF x Near_LoA	-9,583	-0,090	0,288
CHR5	5506465	CHR5:5506465	SSF x Near_LoA	-8,779	0,014	0,281
CHR5	5511772	CHR5:5511772	SSF x Near_LoA	-5,917	-0,197	0,278
CHR5	5511984	CHR5:5511984	SSF x Near_LoA	-8,283	-0,134	0,291
CHR5	5521288	CHR5:5521288	SSF x Near_LoA	-9,564	0,073	0,271
CHR5	5535379	CHR5:5535379	SSF x Near_LoA	-8,707	-0,095	0,287
CHR5	5535405	CHR5:5535405	SSF x Near_LoA	-7,347	0,046	0,299
CHR5	5549550	CHR5:5549550	SSF x Near_LoA	-8,542	-0,131	0,284
CHR5	5549569	CHR5:5549569	SSF x Near_LoA	-10,083	-0,007	0,289
CHR5	5549591	CHR5:5549591	SSF x Near_LoA	-2,050	0,017	0,292
CHR5	5557470	CHR5:5557470	SSF x Near_LoA	-8,288	-0,045	0,289
CHR5	5557479	CHR5:5557479	SSF x Near_LoA	-7,446	-0,065	0,291
CHR5	5557533	CHR5:5557533	SSF x Near_LoA	-9,174	0,019	0,292
CHR5	5557556	CHR5:5557556	SSF x Near_LoA	-4,923	-0,077	0,279
CHR5	5557559	CHR5:5557559	SSF x Near_LoA	-7,336	-0,044	0,286
CHR5	5557578	CHR5:5557578	SSF x Near_LoA	-5,310	0,015	0,267
CHR5	5557638	CHR5:5557638	SSF x Near_LoA	-8,010	0,051	0,294
CHR5	5557711	CHR5:5557711	SSF x Near_LoA	-8,846	-0,038	0,281
CHR5	5557854	CHR5:5557854	SSF x Near_LoA	-8,422	0,013	0,293
CHR5	5595145	CHR5:5595145	SSF x Near_LoA	-10,044	-0,009	0,285
CHR5	5595426	CHR5:5595426	SSF x Near_LoA	-7,476	-0,061	0,275
CHR5	5608461	CHR5:5608461	SSF x Near_LoA	-5,941	-0,130	0,278
CHR5	5608509	CHR5:5608509	SSF x Near_LoA	-6,043	0,132	0,266
CHR5	5608515	CHR5:5608515	SSF x Near_LoA	-7,310	-0,037	0,288
CHR5	5614654	CHR5:5614654	SSF x Near_LoA	4,840	0,092	0,280
CHR5	5614672	CHR5:5614672	SSF x Near_LoA	-3,816	0,310	0,257
CHR5	5614677	CHR5:5614677	SSF x Near_LoA	-8,157	-0,011	0,295
CHR5	5614808	CHR5:5614808	SSF x Near_LoA	-6,752	-0,095	0,291
CHR5	5614831	CHR5:5614831	SSF x Near_LoA	-7,337	-0,064	0,295
CHR5	5618518	CHR5:5618518	SSF x Near_LoA	-8,145	-0,044	0,269
CHR5	5629337	CHR5:5629337	SSF x Near_LoA	-7,451	0,053	0,279
CHR5	5631259	CHR5:5631259	SSF x Near_LoA	-5,234	0,213	0,282
CHR5	5631303	CHR5:5631303	SSF x Near_LoA	3,828	0,308	0,270
CHR5	5631344	CHR5:5631344	SSF x Near_LoA	-8,423	0,142	0,300
CHR5	5642451	CHR5:5642451	SSF x Near_LoA	-9,542	-0,036	0,290
CHR5	5642568	CHR5:5642568	SSF x Near_LoA	-5,920	-0,163	0,290

CHR5	5642719	CHR5:5642719	SSF x Near_LoA	-6,853	0,087	0,280
CHR5	5666282	CHR5:5666282	SSF x Near_LoA	-9,784	0,065	0,287
CHR5	5674310	CHR5:5674310	SSF x Near_LoA	-3,254	-0,196	0,276
CHR5	5674441	CHR5:5674441	SSF x Near_LoA	-9,181	0,021	0,293
CHR5	5674448	CHR5:5674448	SSF x Near_LoA	-10,260	-0,044	0,277
CHR5	5674589	CHR5:5674589	SSF x Near_LoA	-7,327	0,062	0,289
CHR5	5693808	CHR5:5693808	SSF x Near_LoA	-9,698	-0,057	0,292
CHR5	5693834	CHR5:5693834	SSF x Near_LoA	-9,756	-0,011	0,291
CHR5	5693965	CHR5:5693965	SSF x Near_LoA	-4,824	0,093	0,283
CHR5	5694226	CHR5:5694226	SSF x Near_LoA	-3,210	-0,176	0,277
CHR5	5694227	CHR5:5694227	SSF x Near_LoA	-4,503	-0,187	0,281
CHR5	5694253	CHR5:5694253	SSF x Near_LoA	-6,444	-0,099	0,289
CHR5	5702862	CHR5:5702862	SSF x Near_LoA	-7,188	-0,110	0,287
CHR5	5769300	CHR5:5769300	SSF x Near_LoA	-4,969	0,169	0,289
CHR5	5806930	CHR5:5806930	SSF x Near_LoA	-7,850	-0,040	0,300
CHR5	5807161	CHR5:5807161	SSF x Near_LoA	-9,265	0,001	0,283
CHR5	5807195	CHR5:5807195	SSF x Near_LoA	2,911	-0,046	0,284
CHR5	5818363	CHR5:5818363	SSF x Near_LoA	-9,328	0,033	0,286
CHR5	5818386	CHR5:5818386	SSF x Near_LoA	-10,492	0,012	0,287
CHR5	5818506	CHR5:5818506	SSF x Near_LoA	-7,782	0,064	0,289
CHR5	5818608	CHR5:5818608	SSF x Near_LoA	-5,994	-0,149	0,284
CHR5	5820816	CHR5:5820816	SSF x Near_LoA	-9,236	-0,151	0,285
CHR5	5820889	CHR5:5820889	SSF x Near_LoA	-7,983	-0,182	0,290
CHR5	5820898	CHR5:5820898	SSF x Near_LoA	-6,614	-0,113	0,277
CHR5	5821813	CHR5:5821813	SSF x Near_LoA	-7,737	-0,073	0,283
CHR5	5821939	CHR5:5821939	SSF x Near_LoA	-8,098	-0,079	0,279
CHR5	5856302	CHR5:5856302	SSF x Near_LoA	-7,169	0,071	0,274
CHR5	5856352	CHR5:5856352	SSF x Near_LoA	-4,861	0,196	0,274
CHR5	5856400	CHR5:5856400	SSF x Near_LoA	-7,936	-0,034	0,295
CHR5	5856537	CHR5:5856537	SSF x Near_LoA	-7,828	0,021	0,286
CHR5	5860077	CHR5:5860077	SSF x Near_LoA	-9,440	0,064	0,285
CHR5	5860094	CHR5:5860094	SSF x Near_LoA	-7,518	-0,014	0,295
CHR5	5860131	CHR5:5860131	SSF x Near_LoA	-6,849	-0,215	0,263
CHR5	5860226	CHR5:5860226	SSF x Near_LoA	-9,768	0,122	0,273
CHR5	5860259	CHR5:5860259	SSF x Near_LoA	-7,542	-0,094	0,288
CHR5	5862630	CHR5:5862630	SSF x Near_LoA	-9,277	-0,056	0,273
CHR5	5862687	CHR5:5862687	SSF x Near_LoA	-5,323	-0,151	0,288
CHR5	5862744	CHR5:5862744	SSF x Near_LoA	-8,358	0,112	0,280
CHR5	5867175	CHR5:5867175	SSF x Near_LoA	-10,264	-0,061	0,277
CHR5	5867202	CHR5:5867202	SSF x Near_LoA	-7,118	-0,061	0,296
CHR5	5867299	CHR5:5867299	SSF x Near_LoA	-8,959	0,018	0,279
CHR5	5867328	CHR5:5867328	SSF x Near_LoA	-7,219	0,009	0,281
CHR5	5875091	CHR5:5875091	SSF x Near_LoA	-7,374	-0,047	0,303
CHR5	5875202	CHR5:5875202	SSF x Near_LoA	-8,023	0,035	0,278
CHR5	5875462	CHR5:5875462	SSF x Near_LoA	-4,071	0,182	0,285
CHR5	5884965	CHR5:5884965	SSF x Near_LoA	-9,267	-0,034	0,288
CHR5	5885223	CHR5:5885223	SSF x Near_LoA	-8,873	0,074	0,294
CHR5	5893493	CHR5:5893493	SSF x Near_LoA	-8,586	-0,043	0,279
CHR5	5893538	CHR5:5893538	SSF x Near_LoA	-5,289	-0,130	0,292
CHR5	5893690	CHR5:5893690	SSF x Near_LoA	-7,211	-0,150	0,274
CHR5	5893696	CHR5:5893696	SSF x Near_LoA	-6,483	-0,175	0,270
CHR5	5901022	CHR5:5901022	SSF x Near_LoA	-7,205	-0,031	0,277
CHR5	5901125	CHR5:5901125	SSF x Near_LoA	-9,172	0,114	0,288

CHR5	5901250	CHR5:5901250	SSF x Near_LoA	-7,916	-0,029	0,285
CHR5	5901290	CHR5:5901290	SSF x Near_LoA	-8,565	-0,034	0,290
CHR5	5903045	CHR5:5903045	SSF x Near_LoA	-6,027	-0,127	0,286
CHR5	5903093	CHR5:5903093	SSF x Near_LoA	-3,437	0,112	0,275
CHR5	5903397	CHR5:5903397	SSF x Near_LoA	-9,302	-0,037	0,289
CHR5	5924958	CHR5:5924958	SSF x Near_LoA	-2,248	0,107	0,290
CHR5	5924986	CHR5:5924986	SSF x Near_LoA	-9,868	0,100	0,288
CHR5	5925021	CHR5:5925021	SSF x Near_LoA	-9,955	-0,023	0,286
CHR5	5925107	CHR5:5925107	SSF x Near_LoA	-7,603	0,057	0,293
CHR5	5925173	CHR5:5925173	SSF x Near_LoA	-8,069	-0,065	0,292
CHR5	5926512	CHR5:5926512	SSF x Near_LoA	-7,775	0,100	0,278
CHR5	5929987	CHR5:5929987	SSF x Near_LoA	-7,932	-0,089	0,292
CHR5	5939265	CHR5:5939265	SSF x Near_LoA	-9,264	-0,033	0,298
CHR5	5939631	CHR5:5939631	SSF x Near_LoA	-4,523	0,168	0,296
CHR5	5947983	CHR5:5947983	SSF x Near_LoA	-7,437	0,006	0,277
CHR5	5950890	CHR5:5950890	SSF x Near_LoA	-8,796	0,050	0,298
CHR5	5951004	CHR5:5951004	SSF x Near_LoA	-8,917	0,042	0,296
CHR5	5951076	CHR5:5951076	SSF x Near_LoA	-8,723	-0,079	0,282
CHR5	5951093	CHR5:5951093	SSF x Near_LoA	-9,089	0,073	0,285
CHR5	5951122	CHR5:5951122	SSF x Near_LoA	-6,709	0,181	0,284
CHR5	5951205	CHR5:5951205	SSF x Near_LoA	-7,088	-0,131	0,279
CHR5	5958582	CHR5:5958582	SSF x Near_LoA	-5,090	-0,089	0,280
CHR5	5958892	CHR5:5958892	SSF x Near_LoA	-7,620	0,172	0,270
CHR5	5958933	CHR5:5958933	SSF x Near_LoA	-7,307	0,068	0,300
CHR5	5958955	CHR5:5958955	SSF x Near_LoA	-5,498	0,172	0,281
CHR5	5961487	CHR5:5961487	SSF x Near_LoA	-10,137	0,046	0,289
CHR5	5961503	CHR5:5961503	SSF x Near_LoA	-10,255	0,098	0,275
CHR5	5961586	CHR5:5961586	SSF x Near_LoA	-9,893	-0,005	0,281
CHR5	5961635	CHR5:5961635	SSF x Near_LoA	-5,415	-0,087	0,290
CHR5	5961654	CHR5:5961654	SSF x Near_LoA	-7,828	-0,092	0,288
CHR5	5962502	CHR5:5962502	SSF x Near_LoA	-9,364	0,043	0,292
CHR5	5966720	CHR5:5966720	SSF x Near_LoA	-6,894	0,221	0,267
CHR5	5967136	CHR5:5967136	SSF x Near_LoA	-10,080	0,144	0,278
CHR5	5987496	CHR5:5987496	SSF x Near_LoA	-7,572	-0,028	0,299
CHR5	5987540	CHR5:5987540	SSF x Near_LoA	-5,469	-0,131	0,279
CHR5	5987574	CHR5:5987574	SSF x Near_LoA	-7,600	-0,088	0,291
CHR5	6011547	CHR5:6011547	SSF x Near_LoA	-7,174	0,087	0,281
CHR5	6013934	CHR5:6013934	SSF x Near_LoA	-10,022	-0,021	0,288
CHR5	6014077	CHR5:6014077	SSF x Near_LoA	-9,482	-0,015	0,292
CHR5	6014144	CHR5:6014144	SSF x Near_LoA	-3,507	0,114	0,290
CHR5	6014173	CHR5:6014173	SSF x Near_LoA	-9,539	0,004	0,289
CHR5	6018740	CHR5:6018740	SSF x Near_LoA	-7,821	-0,001	0,293
CHR5	6018951	CHR5:6018951	SSF x Near_LoA	-9,700	0,068	0,288
CHR5	6018952	CHR5:6018952	SSF x Near_LoA	-10,164	-0,013	0,286
CHR5	6018979	CHR5:6018979	SSF x Near_LoA	-3,504	0,140	0,278
CHR5	6019036	CHR5:6019036	SSF x Near_LoA	-7,762	0,117	0,279
CHR5	6019114	CHR5:6019114	SSF x Near_LoA	-5,743	0,081	0,288
CHR5	6026568	CHR5:6026568	SSF x Near_LoA	-7,182	-0,024	0,290
CHR5	6028912	CHR5:6028912	SSF x Near_LoA	-10,119	-0,070	0,292
CHR5	6035936	CHR5:6035936	SSF x Near_LoA	-11,117	0,032	0,283
CHR5	6038964	CHR5:6038964	SSF x Near_LoA	-7,483	-0,053	0,289
CHR5	6039072	CHR5:6039072	SSF x Near_LoA	-8,696	0,067	0,290
CHR5	6039189	CHR5:6039189	SSF x Near_LoA	-7,190	-0,122	0,281

CHR5	6039243	CHR5:6039243	SSF x Near_LoA	-6,301	-0,174	0,262
CHR5	6064602	CHR5:6064602	SSF x Near_LoA	-9,739	-0,056	0,288
CHR5	6064791	CHR5:6064791	SSF x Near_LoA	-8,001	0,101	0,273
CHR5	6071204	CHR5:6071204	SSF x Near_LoA	-0,851	0,190	0,282
CHR5	6071341	CHR5:6071341	SSF x Near_LoA	-8,603	0,031	0,288
CHR5	6071402	CHR5:6071402	SSF x Near_LoA	-9,154	-0,041	0,299
CHR5	6071526	CHR5:6071526	SSF x Near_LoA	-9,540	-0,070	0,282
CHR5	6077014	CHR5:6077014	SSF x Near_LoA	-7,233	-0,109	0,294
CHR5	6077205	CHR5:6077205	SSF x Near_LoA	-7,213	-0,009	0,293
CHR5	6077257	CHR5:6077257	SSF x Near_LoA	-7,140	0,020	0,300
CHR5	6077265	CHR5:6077265	SSF x Near_LoA	-8,914	-0,033	0,276
CHR5	6080499	CHR5:6080499	SSF x Near_LoA	-3,001	0,050	0,299
CHR5	6080569	CHR5:6080569	SSF x Near_LoA	-6,387	0,066	0,280
CHR5	6098946	CHR5:6098946	SSF x Near_LoA	-9,022	0,030	0,292
CHR5	6099050	CHR5:6099050	SSF x Near_LoA	-8,723	-0,063	0,270
CHR5	6099112	CHR5:6099112	SSF x Near_LoA	-2,907	-0,030	0,275
CHR5	6101779	CHR5:6101779	SSF x Near_LoA	-8,086	0,050	0,285
CHR5	6101799	CHR5:6101799	SSF x Near_LoA	-8,778	0,031	0,298
CHR5	6101850	CHR5:6101850	SSF x Near_LoA	-9,180	-0,109	0,293
CHR5	6101987	CHR5:6101987	SSF x Near_LoA	-7,103	0,102	0,279
CHR5	6102004	CHR5:6102004	SSF x Near_LoA	-8,540	0,023	0,289
CHR5	6103870	CHR5:6103870	SSF x Near_LoA	-5,411	-0,148	0,284
CHR5	6103880	CHR5:6103880	SSF x Near_LoA	-3,915	-0,181	0,280
CHR5	6103980	CHR5:6103980	SSF x Near_LoA	-2,649	-0,226	0,264
CHR5	6103999	CHR5:6103999	SSF x Near_LoA	-6,911	0,120	0,274
CHR5	6104103	CHR5:6104103	SSF x Near_LoA	-9,418	-0,035	0,291
CHR5	6104257	CHR5:6104257	SSF x Near_LoA	-3,147	-0,027	0,280
CHR5	6108636	CHR5:6108636	SSF x Near_LoA	-9,690	0,033	0,285
CHR5	6110545	CHR5:6110545	SSF x Near_LoA	-5,631	0,023	0,273
CHR5	6110578	CHR5:6110578	SSF x Near_LoA	-6,059	0,117	0,287
CHR5	6135151	CHR5:6135151	SSF x Near_LoA	-10,154	-0,087	0,285
CHR5	6135290	CHR5:6135290	SSF x Near_LoA	-8,489	0,002	0,283
CHR5	6135500	CHR5:6135500	SSF x Near_LoA	-8,013	-0,060	0,280
CHR5	6140717	CHR5:6140717	SSF x Near_LoA	-7,856	-0,050	0,280
CHR5	6144223	CHR5:6144223	SSF x Near_LoA	-8,574	-0,108	0,290
CHR5	6160637	CHR5:6160637	SSF x Near_LoA	-7,753	0,071	0,301
CHR5	6160698	CHR5:6160698	SSF x Near_LoA	-4,846	0,160	0,277
CHR5	6160701	CHR5:6160701	SSF x Near_LoA	-7,200	0,121	0,263
CHR5	6160702	CHR5:6160702	SSF x Near_LoA	-10,145	0,114	0,280
CHR5	6160892	CHR5:6160892	SSF x Near_LoA	-8,308	-0,099	0,293
CHR5	6169754	CHR5:6169754	SSF x Near_LoA	-8,357	-0,049	0,285
CHR5	6169768	CHR5:6169768	SSF x Near_LoA	-5,276	-0,050	0,279
CHR5	6169825	CHR5:6169825	SSF x Near_LoA	-2,728	-0,071	0,293
CHR5	6169827	CHR5:6169827	SSF x Near_LoA	-6,140	-0,196	0,275
CHR5	6170010	CHR5:6170010	SSF x Near_LoA	-8,652	-0,089	0,281
CHR5	6191558	CHR5:6191558	SSF x Near_LoA	-7,990	0,117	0,276
CHR5	6191569	CHR5:6191569	SSF x Near_LoA	-7,785	0,005	0,293
CHR5	6200717	CHR5:6200717	SSF x Near_LoA	-8,905	0,027	0,281
CHR5	6204742	CHR5:6204742	SSF x Near_LoA	-8,021	-0,075	0,281
CHR5	6204938	CHR5:6204938	SSF x Near_LoA	-7,420	0,134	0,286
CHR5	6207511	CHR5:6207511	SSF x Near_LoA	-7,664	0,012	0,290
CHR5	6207515	CHR5:6207515	SSF x Near_LoA	-8,727	0,031	0,288
CHR5	6217298	CHR5:6217298	SSF x Near_LoA	-6,896	0,118	0,281

CHR5	6217534	CHR5:6217534	SSF x Near_LoA	-9,876	-0,084	0,297
CHR5	6217553	CHR5:6217553	SSF x Near_LoA	-9,151	-0,059	0,301
CHR5	6217574	CHR5:6217574	SSF x Near_LoA	-8,754	-0,018	0,290
CHR5	6217744	CHR5:6217744	SSF x Near_LoA	-8,896	0,034	0,294
CHR5	6264008	CHR5:6264008	SSF x Near_LoA	-8,945	-0,009	0,294
CHR5	6264055	CHR5:6264055	SSF x Near_LoA	-1,878	0,179	0,279
CHR5	6264297	CHR5:6264297	SSF x Near_LoA	-10,384	0,079	0,283
CHR5	6268292	CHR5:6268292	SSF x Near_LoA	-9,434	-0,111	0,279
CHR5	6268409	CHR5:6268409	SSF x Near_LoA	-7,172	-0,135	0,279
CHR5	6268464	CHR5:6268464	SSF x Near_LoA	-5,278	0,132	0,288
CHR5	6268513	CHR5:6268513	SSF x Near_LoA	-10,198	-0,064	0,284
CHR5	6272561	CHR5:6272561	SSF x Near_LoA	-4,380	0,002	0,291
CHR5	6272863	CHR5:6272863	SSF x Near_LoA	-8,992	0,110	0,267
CHR5	6274725	CHR5:6274725	SSF x Near_LoA	-8,953	-0,089	0,288
CHR5	6286051	CHR5:6286051	SSF x Near_LoA	-10,787	0,010	0,280
CHR5	6286216	CHR5:6286216	SSF x Near_LoA	-8,197	0,044	0,284
CHR5	6286219	CHR5:6286219	SSF x Near_LoA	-7,736	-0,038	0,283
CHR5	6312090	CHR5:6312090	SSF x Near_LoA	-6,868	-0,098	0,264
CHR5	6312294	CHR5:6312294	SSF x Near_LoA	-7,442	-0,037	0,298
CHR5	6312316	CHR5:6312316	SSF x Near_LoA	-6,363	0,034	0,280
CHR5	6312320	CHR5:6312320	SSF x Near_LoA	-8,088	0,030	0,292
CHR5	6312343	CHR5:6312343	SSF x Near_LoA	-5,921	-0,078	0,286
CHR5	6312352	CHR5:6312352	SSF x Near_LoA	-8,749	-0,097	0,276
CHR5	6322245	CHR5:6322245	SSF x Near_LoA	-5,429	0,062	0,282
CHR5	6322260	CHR5:6322260	SSF x Near_LoA	-9,626	0,032	0,299
CHR5	6322412	CHR5:6322412	SSF x Near_LoA	-5,295	0,184	0,289
CHR5	6324719	CHR5:6324719	SSF x Near_LoA	-7,586	0,107	0,300
CHR5	6326478	CHR5:6326478	SSF x Near_LoA	-8,954	-0,063	0,278
CHR5	6328728	CHR5:6328728	SSF x Near_LoA	-9,578	-0,098	0,289
CHR5	6329536	CHR5:6329536	SSF x Near_LoA	-7,399	-0,093	0,290
CHR5	6329563	CHR5:6329563	SSF x Near_LoA	-9,458	-0,002	0,293
CHR5	6350264	CHR5:6350264	SSF x Near_LoA	-9,553	-0,007	0,303
CHR5	6350292	CHR5:6350292	SSF x Near_LoA	-7,909	-0,040	0,281
CHR5	6350547	CHR5:6350547	SSF x Near_LoA	-7,922	-0,029	0,283
CHR5	636023	CHR5:636023	SSF x Near_LoA	-3,220	-0,101	0,283
CHR5	6361247	CHR5:6361247	SSF x Near_LoA	-7,259	0,029	0,276
CHR5	6361257	CHR5:6361257	SSF x Near_LoA	-7,841	0,062	0,278
CHR5	6361263	CHR5:6361263	SSF x Near_LoA	-7,189	0,035	0,295
CHR5	6361448	CHR5:6361448	SSF x Near_LoA	-6,930	0,050	0,297
CHR5	6361565	CHR5:6361565	SSF x Near_LoA	-7,382	-0,077	0,282
CHR5	6361597	CHR5:6361597	SSF x Near_LoA	-7,783	-0,014	0,299
CHR5	6377231	CHR5:6377231	SSF x Near_LoA	-7,224	-0,046	0,310
CHR5	6377266	CHR5:6377266	SSF x Near_LoA	-8,730	0,066	0,281
CHR5	6377385	CHR5:6377385	SSF x Near_LoA	-7,099	0,066	0,285
CHR5	6380657	CHR5:6380657	SSF x Near_LoA	-9,623	0,121	0,271
CHR5	6382741	CHR5:6382741	SSF x Near_LoA	-7,773	0,005	0,294
CHR5	6382755	CHR5:6382755	SSF x Near_LoA	-6,998	-0,068	0,299
CHR5	6382963	CHR5:6382963	SSF x Near_LoA	-8,677	0,061	0,279
CHR5	6409401	CHR5:6409401	SSF x Near_LoA	-8,663	-0,055	0,300
CHR5	6417962	CHR5:6417962	SSF x Near_LoA	-10,225	0,041	0,293
CHR5	6417977	CHR5:6417977	SSF x Near_LoA	-7,135	-0,001	0,296
CHR5	6418044	CHR5:6418044	SSF x Near_LoA	-2,814	-0,113	0,289
CHR5	6418046	CHR5:6418046	SSF x Near_LoA	-2,719	-0,057	0,299

CHR5	6418058	CHR5:6418058	SSF x Near_LoA	-8,238	-0,005	0,283
CHR5	6434336	CHR5:6434336	SSF x Near_LoA	-9,264	-0,058	0,282
CHR5	6434594	CHR5:6434594	SSF x Near_LoA	-8,904	-0,142	0,274
CHR5	6435266	CHR5:6435266	SSF x Near_LoA	-2,032	0,022	0,286
CHR5	6437060	CHR5:6437060	SSF x Near_LoA	-9,240	0,020	0,287
CHR5	6437119	CHR5:6437119	SSF x Near_LoA	-4,235	-0,060	0,297
CHR5	6449119	CHR5:6449119	SSF x Near_LoA	-3,241	0,054	0,296
CHR5	6449129	CHR5:6449129	SSF x Near_LoA	-5,991	-0,197	0,284
CHR5	6449170	CHR5:6449170	SSF x Near_LoA	-7,302	0,020	0,277
CHR5	6449457	CHR5:6449457	SSF x Near_LoA	-10,158	-0,064	0,293
CHR5	6450598	CHR5:6450598	SSF x Near_LoA	-5,406	-0,139	0,284
CHR5	6450601	CHR5:6450601	SSF x Near_LoA	-9,495	-0,031	0,291
CHR5	6451348	CHR5:6451348	SSF x Near_LoA	-6,719	0,004	0,292
CHR5	6464507	CHR5:6464507	SSF x Near_LoA	-5,771	-0,156	0,287
CHR5	6465680	CHR5:6465680	SSF x Near_LoA	-4,375	0,168	0,281
CHR5	6465689	CHR5:6465689	SSF x Near_LoA	-5,692	-0,165	0,281
CHR5	6465752	CHR5:6465752	SSF x Near_LoA	-5,836	-0,103	0,290
CHR5	6465768	CHR5:6465768	SSF x Near_LoA	-3,518	0,166	0,276
CHR5	6465912	CHR5:6465912	SSF x Near_LoA	-5,220	-0,082	0,278
CHR5	6465929	CHR5:6465929	SSF x Near_LoA	-6,963	0,115	0,260
CHR5	6471214	CHR5:6471214	SSF x Near_LoA	-7,697	-0,166	0,280
CHR5	6471633	CHR5:6471633	SSF x Near_LoA	-8,591	-0,130	0,291
CHR5	6471686	CHR5:6471686	SSF x Near_LoA	-7,123	-0,065	0,300
CHR5	6476942	CHR5:6476942	SSF x Near_LoA	-5,667	-0,138	0,274
CHR5	6481228	CHR5:6481228	SSF x Near_LoA	-7,542	0,044	0,287
CHR5	6483974	CHR5:6483974	SSF x Near_LoA	-7,931	-0,062	0,287
CHR5	6486257	CHR5:6486257	SSF x Near_LoA	-8,009	0,085	0,283
CHR5	6486366	CHR5:6486366	SSF x Near_LoA	-6,077	0,111	0,297
CHR5	6486428	CHR5:6486428	SSF x Near_LoA	-7,161	-0,081	0,284
CHR5	6487564	CHR5:6487564	SSF x Near_LoA	-8,516	0,089	0,290
CHR5	6490086	CHR5:6490086	SSF x Near_LoA	-9,561	-0,036	0,294
CHR5	6490282	CHR5:6490282	SSF x Near_LoA	-6,192	0,145	0,273
CHR5	6491615	CHR5:6491615	SSF x Near_LoA	-8,996	0,022	0,300
CHR5	6491811	CHR5:6491811	SSF x Near_LoA	-7,843	-0,098	0,282
CHR5	6491817	CHR5:6491817	SSF x Near_LoA	-8,844	-0,033	0,298
CHR5	6491919	CHR5:6491919	SSF x Near_LoA	-8,503	0,150	0,283
CHR5	6496544	CHR5:6496544	SSF x Near_LoA	-10,749	0,027	0,285
CHR5	6496664	CHR5:6496664	SSF x Near_LoA	-7,303	-0,080	0,294
CHR5	6496711	CHR5:6496711	SSF x Near_LoA	-9,461	-0,036	0,277
CHR5	6496829	CHR5:6496829	SSF x Near_LoA	-8,105	-0,065	0,297
CHR5	6496868	CHR5:6496868	SSF x Near_LoA	0,192	0,303	0,258
CHR5	6496897	CHR5:6496897	SSF x Near_LoA	-6,472	-0,003	0,288
CHR5	6504687	CHR5:6504687	SSF x Near_LoA	-5,726	-0,252	0,262
CHR5	6504773	CHR5:6504773	SSF x Near_LoA	-6,503	-0,066	0,284
CHR5	6504785	CHR5:6504785	SSF x Near_LoA	-7,523	0,186	0,263
CHR5	6519952	CHR5:6519952	SSF x Near_LoA	-8,733	-0,036	0,306
CHR5	6527561	CHR5:6527561	SSF x Near_LoA	-8,102	-0,035	0,295
CHR5	6527567	CHR5:6527567	SSF x Near_LoA	-7,498	0,002	0,294
CHR5	6535703	CHR5:6535703	SSF x Near_LoA	-7,101	-0,115	0,281
CHR5	6535971	CHR5:6535971	SSF x Near_LoA	-7,429	-0,005	0,304
CHR5	6546795	CHR5:6546795	SSF x Near_LoA	-3,991	-0,179	0,285
CHR5	6546846	CHR5:6546846	SSF x Near_LoA	-7,234	0,138	0,296
CHR5	6546911	CHR5:6546911	SSF x Near_LoA	-7,140	-0,051	0,288

CHR5	6547063	CHR5:6547063	SSF x Near_LoA	-8,998	-0,058	0,277
CHR5	6581788	CHR5:6581788	SSF x Near_LoA	-8,711	-0,114	0,282
CHR5	6581844	CHR5:6581844	SSF x Near_LoA	-8,692	0,064	0,269
CHR5	6581963	CHR5:6581963	SSF x Near_LoA	-9,684	-0,069	0,282
CHR5	6582008	CHR5:6582008	SSF x Near_LoA	-7,580	0,074	0,295
CHR5	6582108	CHR5:6582108	SSF x Near_LoA	-8,619	0,161	0,279
CHR5	6582111	CHR5:6582111	SSF x Near_LoA	-7,862	0,186	0,262
CHR5	6582163	CHR5:6582163	SSF x Near_LoA	-3,705	-0,225	0,276
CHR5	6582173	CHR5:6582173	SSF x Near_LoA	-6,511	0,173	0,285
CHR5	659084	CHR5:659084	SSF x Near_LoA	-10,170	0,013	0,294
CHR5	6614927	CHR5:6614927	SSF x Near_LoA	-8,475	0,139	0,283
CHR5	6622221	CHR5:6622221	SSF x Near_LoA	-5,821	-0,070	0,296
CHR5	6622253	CHR5:6622253	SSF x Near_LoA	-9,212	0,002	0,288
CHR5	6622295	CHR5:6622295	SSF x Near_LoA	-8,718	0,053	0,292
CHR5	6622324	CHR5:6622324	SSF x Near_LoA	-10,784	-0,008	0,282
CHR5	6624568	CHR5:6624568	SSF x Near_LoA	-6,003	-0,129	0,283
CHR5	6624799	CHR5:6624799	SSF x Near_LoA	-7,919	0,107	0,289
CHR5	6652131	CHR5:6652131	SSF x Near_LoA	-5,327	0,174	0,271
CHR5	6652145	CHR5:6652145	SSF x Near_LoA	-9,933	0,086	0,282
CHR5	6652158	CHR5:6652158	SSF x Near_LoA	-8,466	-0,045	0,285
CHR5	6652204	CHR5:6652204	SSF x Near_LoA	-6,917	-0,177	0,288
CHR5	6652236	CHR5:6652236	SSF x Near_LoA	-0,443	0,254	0,284
CHR5	6652260	CHR5:6652260	SSF x Near_LoA	-7,488	-0,118	0,293
CHR5	6652262	CHR5:6652262	SSF x Near_LoA	-9,397	-0,038	0,290
CHR5	6652327	CHR5:6652327	SSF x Near_LoA	-7,104	-0,130	0,291
CHR5	6652334	CHR5:6652334	SSF x Near_LoA	-10,209	0,025	0,278
CHR5	6655776	CHR5:6655776	SSF x Near_LoA	-2,523	-0,129	0,273
CHR5	6655931	CHR5:6655931	SSF x Near_LoA	-6,635	-0,089	0,280
CHR5	6655936	CHR5:6655936	SSF x Near_LoA	-4,797	-0,130	0,274
CHR5	6664340	CHR5:6664340	SSF x Near_LoA	-10,310	-0,082	0,274
CHR5	6664362	CHR5:6664362	SSF x Near_LoA	-9,004	-0,089	0,292
CHR5	6664389	CHR5:6664389	SSF x Near_LoA	-4,701	-0,135	0,291
CHR5	6664433	CHR5:6664433	SSF x Near_LoA	-6,457	0,147	0,287
CHR5	6666915	CHR5:6666915	SSF x Near_LoA	-0,399	0,130	0,290
CHR5	6668473	CHR5:6668473	SSF x Near_LoA	-8,122	-0,013	0,292
CHR5	6668516	CHR5:6668516	SSF x Near_LoA	-6,069	0,200	0,258
CHR5	6672785	CHR5:6672785	SSF x Near_LoA	-9,458	0,064	0,282
CHR5	6673944	CHR5:6673944	SSF x Near_LoA	-8,296	-0,066	0,280
CHR5	6677835	CHR5:6677835	SSF x Near_LoA	-9,597	-0,079	0,283
CHR5	6677906	CHR5:6677906	SSF x Near_LoA	-8,017	0,018	0,273
CHR5	6677910	CHR5:6677910	SSF x Near_LoA	-6,862	0,094	0,294
CHR5	6677978	CHR5:6677978	SSF x Near_LoA	-6,178	0,146	0,284
CHR5	6679755	CHR5:6679755	SSF x Near_LoA	-9,824	0,031	0,266
CHR5	6688753	CHR5:6688753	SSF x Near_LoA	-8,952	-0,090	0,275
CHR5	6689279	CHR5:6689279	SSF x Near_LoA	-7,856	-0,049	0,275
CHR5	6695860	CHR5:6695860	SSF x Near_LoA	-8,649	-0,021	0,292
CHR5	6705579	CHR5:6705579	SSF x Near_LoA	-9,677	-0,107	0,280
CHR5	6759006	CHR5:6759006	SSF x Near_LoA	-5,957	0,074	0,281
CHR5	6759186	CHR5:6759186	SSF x Near_LoA	-9,125	-0,043	0,289
CHR5	6759289	CHR5:6759289	SSF x Near_LoA	-7,844	-0,139	0,279
CHR5	6759406	CHR5:6759406	SSF x Near_LoA	-8,807	0,003	0,282
CHR5	6772047	CHR5:6772047	SSF x Near_LoA	-7,848	0,020	0,284
CHR5	6772057	CHR5:6772057	SSF x Near_LoA	-7,290	-0,081	0,280

CHR5	6772075	CHR5:6772075	SSF x Near_LoA	-7,932	-0,083	0,284
CHR5	6772234	CHR5:6772234	SSF x Near_LoA	-9,445	-0,012	0,282
CHR5	6772241	CHR5:6772241	SSF x Near_LoA	-6,825	-0,054	0,287
CHR5	6784751	CHR5:6784751	SSF x Near_LoA	-8,127	0,124	0,285
CHR5	6787929	CHR5:6787929	SSF x Near_LoA	-9,181	-0,035	0,275
CHR5	6787967	CHR5:6787967	SSF x Near_LoA	-8,968	-0,045	0,285
CHR5	6788032	CHR5:6788032	SSF x Near_LoA	-6,854	-0,062	0,286
CHR5	6788040	CHR5:6788040	SSF x Near_LoA	-8,703	0,030	0,287
CHR5	6788174	CHR5:6788174	SSF x Near_LoA	-11,179	-0,025	0,270
CHR5	6798250	CHR5:6798250	SSF x Near_LoA	-8,580	0,062	0,290
CHR5	6798253	CHR5:6798253	SSF x Near_LoA	-7,139	0,061	0,294
CHR5	6798266	CHR5:6798266	SSF x Near_LoA	-6,679	0,106	0,298
CHR5	6798273	CHR5:6798273	SSF x Near_LoA	-9,235	0,107	0,280
CHR5	6798357	CHR5:6798357	SSF x Near_LoA	-9,215	-0,033	0,301
CHR5	6798548	CHR5:6798548	SSF x Near_LoA	-10,910	0,066	0,285
CHR5	6798622	CHR5:6798622	SSF x Near_LoA	-8,404	0,076	0,289
CHR5	6798646	CHR5:6798646	SSF x Near_LoA	-10,099	0,016	0,284
CHR5	6803362	CHR5:6803362	SSF x Near_LoA	-3,341	-0,165	0,285
CHR5	6803385	CHR5:6803385	SSF x Near_LoA	-6,707	0,003	0,285
CHR5	6803450	CHR5:6803450	SSF x Near_LoA	-0,213	-0,173	0,286
CHR5	6803479	CHR5:6803479	SSF x Near_LoA	-7,334	0,106	0,276
CHR5	6806667	CHR5:6806667	SSF x Near_LoA	-6,457	0,006	0,282
CHR5	6806700	CHR5:6806700	SSF x Near_LoA	-9,767	-0,028	0,295
CHR5	6806775	CHR5:6806775	SSF x Near_LoA	-9,206	-0,059	0,277
CHR5	6806974	CHR5:6806974	SSF x Near_LoA	-9,039	-0,024	0,262
CHR5	6806991	CHR5:6806991	SSF x Near_LoA	-4,884	0,047	0,294
CHR5	6821108	CHR5:6821108	SSF x Near_LoA	-3,699	-0,229	0,279
CHR5	6836167	CHR5:6836167	SSF x Near_LoA	-9,963	0,060	0,286
CHR5	6836337	CHR5:6836337	SSF x Near_LoA	-6,385	0,044	0,305
CHR5	6836385	CHR5:6836385	SSF x Near_LoA	-7,673	0,108	0,272
CHR5	6836536	CHR5:6836536	SSF x Near_LoA	-6,972	-0,022	0,307
CHR5	6836575	CHR5:6836575	SSF x Near_LoA	-6,671	0,097	0,276
CHR5	6836616	CHR5:6836616	SSF x Near_LoA	-7,289	0,004	0,279
CHR5	6848539	CHR5:6848539	SSF x Near_LoA	-8,741	-0,046	0,282
CHR5	6848586	CHR5:6848586	SSF x Near_LoA	-7,044	-0,078	0,289
CHR5	6848682	CHR5:6848682	SSF x Near_LoA	-6,449	0,037	0,298
CHR5	6854557	CHR5:6854557	SSF x Near_LoA	-9,881	-0,150	0,268
CHR5	6854594	CHR5:6854594	SSF x Near_LoA	-8,908	-0,025	0,294
CHR5	6854733	CHR5:6854733	SSF x Near_LoA	-8,873	-0,003	0,300
CHR5	6854816	CHR5:6854816	SSF x Near_LoA	-9,027	-0,034	0,282
CHR5	6854830	CHR5:6854830	SSF x Near_LoA	-10,133	0,061	0,279
CHR5	6861714	CHR5:6861714	SSF x Near_LoA	-6,529	-0,002	0,293
CHR5	6861742	CHR5:6861742	SSF x Near_LoA	-7,778	-0,036	0,286
CHR5	6878801	CHR5:6878801	SSF x Near_LoA	-8,298	-0,031	0,292
CHR5	6878902	CHR5:6878902	SSF x Near_LoA	-9,316	-0,121	0,282
CHR5	6879129	CHR5:6879129	SSF x Near_LoA	-5,085	-0,063	0,293
CHR5	6884628	CHR5:6884628	SSF x Near_LoA	-8,172	0,095	0,282
CHR5	6916003	CHR5:6916003	SSF x Near_LoA	-8,533	0,082	0,297
CHR5	6916081	CHR5:6916081	SSF x Near_LoA	-6,887	-0,166	0,280
CHR5	6916192	CHR5:6916192	SSF x Near_LoA	-4,625	-0,180	0,279
CHR5	6919959	CHR5:6919959	SSF x Near_LoA	-7,482	0,166	0,277
CHR5	6919977	CHR5:6919977	SSF x Near_LoA	-5,750	-0,009	0,297
CHR5	6920055	CHR5:6920055	SSF x Near_LoA	-8,814	0,171	0,265

CHR5	6920074	CHR5:6920074	SSF x Near_LoA	-8,918	-0,027	0,293
CHR5	6920251	CHR5:6920251	SSF x Near_LoA	-8,652	0,034	0,291
CHR5	6920268	CHR5:6920268	SSF x Near_LoA	-8,705	0,066	0,285
CHR5	6920284	CHR5:6920284	SSF x Near_LoA	-4,889	0,069	0,286
CHR5	6920290	CHR5:6920290	SSF x Near_LoA	-8,464	0,075	0,288
CHR5	6924852	CHR5:6924852	SSF x Near_LoA	-4,759	0,191	0,279
CHR5	6930200	CHR5:6930200	SSF x Near_LoA	-8,445	0,005	0,280
CHR5	6930235	CHR5:6930235	SSF x Near_LoA	-9,253	0,106	0,297
CHR5	6930272	CHR5:6930272	SSF x Near_LoA	-6,200	0,131	0,294
CHR5	6969408	CHR5:6969408	SSF x Near_LoA	-7,796	-0,010	0,279
CHR5	6980385	CHR5:6980385	SSF x Near_LoA	-7,437	0,007	0,280
CHR5	6980413	CHR5:6980413	SSF x Near_LoA	-7,112	0,063	0,282
CHR5	6980501	CHR5:6980501	SSF x Near_LoA	-7,367	0,003	0,277
CHR5	6990296	CHR5:6990296	SSF x Near_LoA	-0,649	0,222	0,278
CHR5	6990297	CHR5:6990297	SSF x Near_LoA	-8,852	-0,186	0,271
CHR5	6990305	CHR5:6990305	SSF x Near_LoA	-9,481	0,020	0,272
CHR5	6990348	CHR5:6990348	SSF x Near_LoA	-4,260	-0,244	0,274
CHR5	6990349	CHR5:6990349	SSF x Near_LoA	-1,688	-0,258	0,274
CHR5	6991979	CHR5:6991979	SSF x Near_LoA	-6,021	0,128	0,288
CHR5	6997506	CHR5:6997506	SSF x Near_LoA	-7,904	0,016	0,300
CHR5	6997526	CHR5:6997526	SSF x Near_LoA	-8,322	-0,010	0,285
CHR5	6997637	CHR5:6997637	SSF x Near_LoA	-7,159	0,109	0,289
CHR5	6997651	CHR5:6997651	SSF x Near_LoA	-7,880	0,092	0,296
CHR5	6997667	CHR5:6997667	SSF x Near_LoA	-7,940	0,085	0,287
CHR5	6997680	CHR5:6997680	SSF x Near_LoA	-6,236	-0,151	0,271
CHR5	6997880	CHR5:6997880	SSF x Near_LoA	-7,702	-0,153	0,285
CHR5	7002002	CHR5:7002002	SSF x Near_LoA	-7,988	0,008	0,280
CHR5	7046535	CHR5:7046535	SSF x Near_LoA	-7,447	0,075	0,292
CHR5	7046542	CHR5:7046542	SSF x Near_LoA	-8,208	0,067	0,266
CHR5	7046639	CHR5:7046639	SSF x Near_LoA	-8,110	0,014	0,287
CHR5	7046671	CHR5:7046671	SSF x Near_LoA	-8,494	0,024	0,290
CHR5	7056667	CHR5:7056667	SSF x Near_LoA	-7,461	0,095	0,292
CHR5	7056684	CHR5:7056684	SSF x Near_LoA	-5,867	-0,004	0,292
CHR5	7056729	CHR5:7056729	SSF x Near_LoA	-5,874	0,075	0,292
CHR5	7056773	CHR5:7056773	SSF x Near_LoA	-7,633	0,034	0,290
CHR5	7056912	CHR5:7056912	SSF x Near_LoA	-9,651	-0,099	0,299
CHR5	7141170	CHR5:7141170	SSF x Near_LoA	-7,757	0,157	0,292
CHR5	7141251	CHR5:7141251	SSF x Near_LoA	-8,956	0,028	0,267
CHR5	7152820	CHR5:7152820	SSF x Near_LoA	-7,818	0,049	0,281
CHR5	7165127	CHR5:7165127	SSF x Near_LoA	-8,921	-0,096	0,290
CHR5	7177519	CHR5:7177519	SSF x Near_LoA	-3,293	-0,163	0,271
CHR5	7180190	CHR5:7180190	SSF x Near_LoA	-4,412	-0,121	0,277
CHR5	7180911	CHR5:7180911	SSF x Near_LoA	-9,414	0,014	0,282
CHR5	7180969	CHR5:7180969	SSF x Near_LoA	-9,843	0,095	0,271
CHR5	7181044	CHR5:7181044	SSF x Near_LoA	-9,258	-0,158	0,275
CHR5	7185789	CHR5:7185789	SSF x Near_LoA	-6,532	0,149	0,265
CHR5	7186017	CHR5:7186017	SSF x Near_LoA	-7,361	0,111	0,300
CHR5	7199817	CHR5:7199817	SSF x Near_LoA	-6,956	0,129	0,278
CHR5	7203902	CHR5:7203902	SSF x Near_LoA	-10,433	0,019	0,289
CHR5	7210640	CHR5:7210640	SSF x Near_LoA	-8,175	0,089	0,289
CHR5	7215712	CHR5:7215712	SSF x Near_LoA	-5,206	0,109	0,291
CHR5	7215799	CHR5:7215799	SSF x Near_LoA	-5,992	0,137	0,289
CHR5	7215805	CHR5:7215805	SSF x Near_LoA	-1,539	0,057	0,288

CHR5	7220219	CHR5:7220219	SSF x Near_LoA	-11,133	-0,041	0,287
CHR5	7236043	CHR5:7236043	SSF x Near_LoA	-7,814	0,038	0,294
CHR5	7236068	CHR5:7236068	SSF x Near_LoA	-6,361	-0,053	0,297
CHR5	7236071	CHR5:7236071	SSF x Near_LoA	-8,542	0,093	0,299
CHR5	7236151	CHR5:7236151	SSF x Near_LoA	-8,158	0,118	0,292
CHR5	7249514	CHR5:7249514	SSF x Near_LoA	-7,241	0,095	0,293
CHR5	7249544	CHR5:7249544	SSF x Near_LoA	-6,746	0,096	0,282
CHR5	7249725	CHR5:7249725	SSF x Near_LoA	3,592	0,036	0,294
CHR5	7252816	CHR5:7252816	SSF x Near_LoA	-7,127	0,052	0,289
CHR5	7252916	CHR5:7252916	SSF x Near_LoA	-6,582	0,086	0,286
CHR5	7252918	CHR5:7252918	SSF x Near_LoA	-6,920	0,123	0,283
CHR5	7252944	CHR5:7252944	SSF x Near_LoA	-6,437	0,083	0,288
CHR5	7252958	CHR5:7252958	SSF x Near_LoA	-9,619	-0,002	0,292
CHR5	7252978	CHR5:7252978	SSF x Near_LoA	-4,278	-0,097	0,291
CHR5	7253135	CHR5:7253135	SSF x Near_LoA	-8,790	-0,105	0,280
CHR5	7396820	CHR5:7396820	SSF x Near_LoA	-7,278	-0,018	0,292
CHR5	7397184	CHR5:7397184	SSF x Near_LoA	-10,427	0,063	0,272
CHR5	7397201	CHR5:7397201	SSF x Near_LoA	-9,082	0,048	0,274
CHR5	7397225	CHR5:7397225	SSF x Near_LoA	-6,711	0,082	0,306
CHR5	7397227	CHR5:7397227	SSF x Near_LoA	-7,927	0,003	0,294
CHR5	7402338	CHR5:7402338	SSF x Near_LoA	-10,311	0,069	0,285
CHR5	7402391	CHR5:7402391	SSF x Near_LoA	-10,387	0,017	0,288
CHR5	7402415	CHR5:7402415	SSF x Near_LoA	-9,977	0,004	0,282
CHR5	7403073	CHR5:7403073	SSF x Near_LoA	-8,607	-0,004	0,291
CHR5	7403081	CHR5:7403081	SSF x Near_LoA	-8,830	0,093	0,293
CHR5	7403154	CHR5:7403154	SSF x Near_LoA	-9,019	-0,042	0,288
CHR5	7403167	CHR5:7403167	SSF x Near_LoA	-7,631	-0,029	0,288
CHR5	7403186	CHR5:7403186	SSF x Near_LoA	-6,736	-0,048	0,289
CHR5	7403214	CHR5:7403214	SSF x Near_LoA	-5,552	-0,049	0,295
CHR5	7411477	CHR5:7411477	SSF x Near_LoA	-8,788	-0,042	0,279
CHR5	7411556	CHR5:7411556	SSF x Near_LoA	-9,332	0,017	0,289
CHR5	7415364	CHR5:7415364	SSF x Near_LoA	-8,822	0,049	0,290
CHR5	7420815	CHR5:7420815	SSF x Near_LoA	-10,097	0,022	0,278
CHR5	7425948	CHR5:7425948	SSF x Near_LoA	-7,383	-0,009	0,304
CHR5	7426093	CHR5:7426093	SSF x Near_LoA	-6,530	0,071	0,309
CHR5	7429477	CHR5:7429477	SSF x Near_LoA	-7,011	0,067	0,295
CHR5	7429480	CHR5:7429480	SSF x Near_LoA	-9,878	-0,009	0,287
CHR5	7429494	CHR5:7429494	SSF x Near_LoA	-6,682	-0,175	0,270
CHR5	7429515	CHR5:7429515	SSF x Near_LoA	-6,585	0,091	0,270
CHR5	7429520	CHR5:7429520	SSF x Near_LoA	-5,342	0,142	0,264
CHR5	7429546	CHR5:7429546	SSF x Near_LoA	-4,338	0,082	0,268
CHR5	7429716	CHR5:7429716	SSF x Near_LoA	-3,708	0,183	0,262
CHR5	7429932	CHR5:7429932	SSF x Near_LoA	-9,607	0,001	0,287
CHR5	7440577	CHR5:7440577	SSF x Near_LoA	-10,475	0,009	0,282
CHR5	7440628	CHR5:7440628	SSF x Near_LoA	-6,892	0,098	0,290
CHR5	7440757	CHR5:7440757	SSF x Near_LoA	-9,452	0,103	0,285
CHR5	7441613	CHR5:7441613	SSF x Near_LoA	-0,946	-0,179	0,283
CHR5	7441748	CHR5:7441748	SSF x Near_LoA	-7,378	-0,024	0,293
CHR5	7441759	CHR5:7441759	SSF x Near_LoA	-8,963	0,107	0,295
CHR5	7441769	CHR5:7441769	SSF x Near_LoA	-8,719	0,074	0,283
CHR5	7450992	CHR5:7450992	SSF x Near_LoA	-4,668	-0,180	0,281
CHR5	7451032	CHR5:7451032	SSF x Near_LoA	-9,658	-0,057	0,284
CHR5	7451041	CHR5:7451041	SSF x Near_LoA	-9,316	-0,018	0,292

CHR5	7451099	CHR5:7451099	SSF x Near_LoA	-8,647	-0,017	0,290
CHR5	7451127	CHR5:7451127	SSF x Near_LoA	-8,924	-0,006	0,287
CHR5	7451140	CHR5:7451140	SSF x Near_LoA	-7,901	0,027	0,286
CHR5	7453153	CHR5:7453153	SSF x Near_LoA	-8,136	0,101	0,276
CHR5	7453179	CHR5:7453179	SSF x Near_LoA	-8,707	-0,022	0,280
CHR5	7453281	CHR5:7453281	SSF x Near_LoA	-10,731	0,014	0,279
CHR5	7453283	CHR5:7453283	SSF x Near_LoA	-9,644	0,032	0,295
CHR5	7453288	CHR5:7453288	SSF x Near_LoA	-7,786	0,077	0,283
CHR5	7459633	CHR5:7459633	SSF x Near_LoA	-9,605	-0,115	0,283
CHR5	7461121	CHR5:7461121	SSF x Near_LoA	4,999	0,368	0,235
CHR5	7461122	CHR5:7461122	SSF x Near_LoA	5,679	0,342	0,252
CHR5	7461197	CHR5:7461197	SSF x Near_LoA	-7,398	0,147	0,281
CHR5	7461259	CHR5:7461259	SSF x Near_LoA	-6,596	-0,166	0,260
CHR5	7461271	CHR5:7461271	SSF x Near_LoA	-9,438	0,058	0,286
CHR5	7469356	CHR5:7469356	SSF x Near_LoA	-8,593	0,050	0,294
CHR5	7475055	CHR5:7475055	SSF x Near_LoA	-6,475	-0,073	0,301
CHR5	7475163	CHR5:7475163	SSF x Near_LoA	-9,371	-0,069	0,281
CHR5	7488031	CHR5:7488031	SSF x Near_LoA	-6,961	-0,098	0,291
CHR5	7488071	CHR5:7488071	SSF x Near_LoA	-8,498	0,001	0,302
CHR5	7488195	CHR5:7488195	SSF x Near_LoA	-8,374	0,017	0,275
CHR5	7488221	CHR5:7488221	SSF x Near_LoA	-2,514	0,000	0,281
CHR5	7488306	CHR5:7488306	SSF x Near_LoA	-9,594	-0,089	0,288
CHR5	7488330	CHR5:7488330	SSF x Near_LoA	-9,036	-0,089	0,279
CHR5	7488333	CHR5:7488333	SSF x Near_LoA	-7,913	0,116	0,280
CHR5	7488353	CHR5:7488353	SSF x Near_LoA	-6,753	0,138	0,290
CHR5	7488391	CHR5:7488391	SSF x Near_LoA	-7,136	0,023	0,294
CHR5	7493144	CHR5:7493144	SSF x Near_LoA	-7,387	-0,168	0,288
CHR5	7493199	CHR5:7493199	SSF x Near_LoA	-7,378	-0,065	0,276
CHR5	7495425	CHR5:7495425	SSF x Near_LoA	-6,879	-0,116	0,278
CHR5	7495635	CHR5:7495635	SSF x Near_LoA	-7,603	0,144	0,270
CHR5	7496669	CHR5:7496669	SSF x Near_LoA	-8,628	-0,049	0,298
CHR5	7496768	CHR5:7496768	SSF x Near_LoA	-8,026	0,108	0,283
CHR5	7496872	CHR5:7496872	SSF x Near_LoA	-6,294	-0,101	0,286
CHR5	7496898	CHR5:7496898	SSF x Near_LoA	-10,248	0,069	0,292
CHR5	7502890	CHR5:7502890	SSF x Near_LoA	-7,790	-0,086	0,290
CHR5	7513513	CHR5:7513513	SSF x Near_LoA	-8,227	-0,054	0,289
CHR5	7513531	CHR5:7513531	SSF x Near_LoA	-8,837	0,060	0,281
CHR5	7513573	CHR5:7513573	SSF x Near_LoA	-9,223	0,055	0,293
CHR5	7513758	CHR5:7513758	SSF x Near_LoA	-9,906	-0,009	0,296
CHR5	7517750	CHR5:7517750	SSF x Near_LoA	-4,467	-0,109	0,275
CHR5	7518776	CHR5:7518776	SSF x Near_LoA	-7,164	-0,038	0,300
CHR5	7530129	CHR5:7530129	SSF x Near_LoA	-9,660	0,060	0,292
CHR5	7530138	CHR5:7530138	SSF x Near_LoA	-9,358	0,049	0,285
CHR5	7530349	CHR5:7530349	SSF x Near_LoA	-7,305	0,171	0,291
CHR5	7540933	CHR5:7540933	SSF x Near_LoA	-9,761	0,073	0,285
CHR5	7541016	CHR5:7541016	SSF x Near_LoA	-4,399	0,141	0,264
CHR5	7541024	CHR5:7541024	SSF x Near_LoA	-9,334	0,021	0,276
CHR5	7541029	CHR5:7541029	SSF x Near_LoA	-2,336	-0,073	0,283
CHR5	7541106	CHR5:7541106	SSF x Near_LoA	-8,774	0,137	0,273
CHR5	7541179	CHR5:7541179	SSF x Near_LoA	-7,713	-0,065	0,278
CHR5	7541204	CHR5:7541204	SSF x Near_LoA	-8,476	-0,092	0,290
CHR5	7541251	CHR5:7541251	SSF x Near_LoA	-8,713	-0,108	0,287
CHR5	7563176	CHR5:7563176	SSF x Near_LoA	-8,791	-0,046	0,288

CHR5	7563250	CHR5:7563250	SSF x Near_LoA	-2,453	0,274	0,257
CHR5	7583070	CHR5:7583070	SSF x Near_LoA	-7,741	-0,058	0,287
CHR5	7599246	CHR5:7599246	SSF x Near_LoA	-7,626	0,149	0,289
CHR5	7599372	CHR5:7599372	SSF x Near_LoA	-11,211	-0,013	0,271
CHR5	7599636	CHR5:7599636	SSF x Near_LoA	-6,754	-0,118	0,270
CHR5	7611386	CHR5:7611386	SSF x Near_LoA	-4,975	0,078	0,280
CHR5	7611455	CHR5:7611455	SSF x Near_LoA	-10,100	0,090	0,269
CHR5	7613856	CHR5:7613856	SSF x Near_LoA	-10,564	-0,068	0,289
CHR5	7613951	CHR5:7613951	SSF x Near_LoA	-9,081	-0,056	0,287
CHR5	7614099	CHR5:7614099	SSF x Near_LoA	-9,814	-0,109	0,286
CHR5	7616865	CHR5:7616865	SSF x Near_LoA	-7,128	-0,136	0,297
CHR5	7616905	CHR5:7616905	SSF x Near_LoA	-9,745	0,132	0,280
CHR5	7617068	CHR5:7617068	SSF x Near_LoA	-6,959	0,132	0,287
CHR5	7639606	CHR5:7639606	SSF x Near_LoA	-8,278	0,058	0,280
CHR5	7639694	CHR5:7639694	SSF x Near_LoA	-10,760	0,016	0,284
CHR5	7641352	CHR5:7641352	SSF x Near_LoA	-7,246	-0,043	0,288
CHR5	7641359	CHR5:7641359	SSF x Near_LoA	-7,217	0,000	0,306
CHR5	7641380	CHR5:7641380	SSF x Near_LoA	-10,166	0,008	0,304
CHR5	7641492	CHR5:7641492	SSF x Near_LoA	-7,246	0,035	0,295
CHR5	7641509	CHR5:7641509	SSF x Near_LoA	-9,857	0,043	0,279
CHR5	7644019	CHR5:7644019	SSF x Near_LoA	-9,984	-0,110	0,286
CHR5	7644060	CHR5:7644060	SSF x Near_LoA	-10,094	-0,051	0,292
CHR5	7648733	CHR5:7648733	SSF x Near_LoA	-6,469	0,084	0,295
CHR5	7648901	CHR5:7648901	SSF x Near_LoA	-5,797	-0,104	0,293
CHR5	7652182	CHR5:7652182	SSF x Near_LoA	-9,947	0,046	0,286
CHR5	7652280	CHR5:7652280	SSF x Near_LoA	-11,780	0,009	0,268
CHR5	7654667	CHR5:7654667	SSF x Near_LoA	0,725	0,098	0,278
CHR5	7654691	CHR5:7654691	SSF x Near_LoA	-3,623	-0,182	0,283
CHR5	7654758	CHR5:7654758	SSF x Near_LoA	-10,967	0,017	0,289
CHR5	7655864	CHR5:7655864	SSF x Near_LoA	-7,429	-0,123	0,274
CHR5	7655965	CHR5:7655965	SSF x Near_LoA	-7,899	0,091	0,283
CHR5	7656884	CHR5:7656884	SSF x Near_LoA	-6,051	0,151	0,266
CHR5	7656885	CHR5:7656885	SSF x Near_LoA	-4,984	0,038	0,293
CHR5	7657054	CHR5:7657054	SSF x Near_LoA	-8,634	-0,014	0,282
CHR5	7661795	CHR5:7661795	SSF x Near_LoA	-10,030	-0,007	0,286
CHR5	7661804	CHR5:7661804	SSF x Near_LoA	-8,028	-0,089	0,283
CHR5	7669402	CHR5:7669402	SSF x Near_LoA	-9,718	0,072	0,277
CHR5	7700584	CHR5:7700584	SSF x Near_LoA	-6,064	-0,123	0,287
CHR5	7700801	CHR5:7700801	SSF x Near_LoA	-8,927	-0,100	0,284
CHR5	7715378	CHR5:7715378	SSF x Near_LoA	-8,967	-0,058	0,291
CHR5	7715451	CHR5:7715451	SSF x Near_LoA	-9,549	-0,002	0,280
CHR5	7715503	CHR5:7715503	SSF x Near_LoA	-6,977	0,157	0,283
CHR5	7715542	CHR5:7715542	SSF x Near_LoA	-9,040	0,011	0,290
CHR5	7723648	CHR5:7723648	SSF x Near_LoA	-7,531	0,073	0,281
CHR5	7723731	CHR5:7723731	SSF x Near_LoA	-7,480	0,000	0,289
CHR5	7736275	CHR5:7736275	SSF x Near_LoA	-8,812	0,035	0,291
CHR5	7736337	CHR5:7736337	SSF x Near_LoA	-8,562	0,016	0,279
CHR5	7736350	CHR5:7736350	SSF x Near_LoA	-10,491	0,013	0,291
CHR5	7740134	CHR5:7740134	SSF x Near_LoA	-5,511	0,166	0,280
CHR5	7740189	CHR5:7740189	SSF x Near_LoA	-7,102	-0,041	0,295
CHR5	7740204	CHR5:7740204	SSF x Near_LoA	-5,801	-0,123	0,295
CHR5	7740242	CHR5:7740242	SSF x Near_LoA	-8,784	-0,043	0,291
CHR5	7740322	CHR5:7740322	SSF x Near_LoA	-6,966	0,007	0,297

CHR5	7740368	CHR5:7740368	SSF x Near_LoA	-9,852	-0,062	0,281
CHR5	7745914	CHR5:7745914	SSF x Near_LoA	-7,768	-0,021	0,290
CHR5	7745948	CHR5:7745948	SSF x Near_LoA	-9,759	0,049	0,294
CHR5	7745950	CHR5:7745950	SSF x Near_LoA	-8,848	0,042	0,296
CHR5	7746042	CHR5:7746042	SSF x Near_LoA	-8,952	0,002	0,282
CHR5	7771836	CHR5:7771836	SSF x Near_LoA	-4,914	-0,163	0,275
CHR5	7771882	CHR5:7771882	SSF x Near_LoA	-8,914	0,003	0,283
CHR5	7771905	CHR5:7771905	SSF x Near_LoA	-8,788	-0,044	0,284
CHR5	7771914	CHR5:7771914	SSF x Near_LoA	-8,115	0,090	0,288
CHR5	7771946	CHR5:7771946	SSF x Near_LoA	-5,987	0,182	0,284
CHR5	7789635	CHR5:7789635	SSF x Near_LoA	-10,550	0,036	0,276
CHR5	7789649	CHR5:7789649	SSF x Near_LoA	-8,483	0,035	0,291
CHR5	7789667	CHR5:7789667	SSF x Near_LoA	-8,202	0,037	0,302
CHR5	7789746	CHR5:7789746	SSF x Near_LoA	-6,072	-0,102	0,287
CHR5	7789961	CHR5:7789961	SSF x Near_LoA	-8,496	0,157	0,282
CHR5	7801812	CHR5:7801812	SSF x Near_LoA	-5,846	-0,133	0,271
CHR5	7801892	CHR5:7801892	SSF x Near_LoA	-9,528	0,054	0,288
CHR5	7801902	CHR5:7801902	SSF x Near_LoA	-8,298	-0,003	0,288
CHR5	7801940	CHR5:7801940	SSF x Near_LoA	-7,759	0,123	0,289
CHR5	7802048	CHR5:7802048	SSF x Near_LoA	-8,942	0,066	0,278
CHR5	7804985	CHR5:7804985	SSF x Near_LoA	-7,998	-0,076	0,278
CHR5	7808392	CHR5:7808392	SSF x Near_LoA	-9,519	-0,071	0,289
CHR5	7808437	CHR5:7808437	SSF x Near_LoA	-5,076	-0,195	0,278
CHR5	7808456	CHR5:7808456	SSF x Near_LoA	-7,498	-0,105	0,286
CHR5	7808514	CHR5:7808514	SSF x Near_LoA	-7,523	-0,088	0,298
CHR5	7808529	CHR5:7808529	SSF x Near_LoA	-7,872	-0,120	0,297
CHR5	7808563	CHR5:7808563	SSF x Near_LoA	-10,340	0,051	0,281
CHR5	7824197	CHR5:7824197	SSF x Near_LoA	-9,524	0,032	0,281
CHR5	7830082	CHR5:7830082	SSF x Near_LoA	-8,195	-0,063	0,280
CHR5	7830087	CHR5:7830087	SSF x Near_LoA	-8,568	-0,052	0,273
CHR5	7830121	CHR5:7830121	SSF x Near_LoA	-6,956	-0,080	0,278
CHR5	7830178	CHR5:7830178	SSF x Near_LoA	-3,570	-0,119	0,268
CHR5	7830253	CHR5:7830253	SSF x Near_LoA	-7,802	-0,137	0,269
CHR5	7841625	CHR5:7841625	SSF x Near_LoA	-8,585	-0,067	0,284
CHR5	7841631	CHR5:7841631	SSF x Near_LoA	-7,209	-0,122	0,282
CHR5	7841698	CHR5:7841698	SSF x Near_LoA	-7,947	0,120	0,287
CHR5	7841704	CHR5:7841704	SSF x Near_LoA	-6,624	-0,087	0,296
CHR5	7851866	CHR5:7851866	SSF x Near_LoA	-10,776	0,046	0,284
CHR5	7852097	CHR5:7852097	SSF x Near_LoA	-9,658	-0,064	0,292
CHR5	7852142	CHR5:7852142	SSF x Near_LoA	-11,039	-0,062	0,281
CHR5	7852577	CHR5:7852577	SSF x Near_LoA	-9,066	-0,080	0,285
CHR5	7852745	CHR5:7852745	SSF x Near_LoA	-7,049	0,143	0,271
CHR5	7853752	CHR5:7853752	SSF x Near_LoA	-8,390	-0,018	0,289
CHR5	7854971	CHR5:7854971	SSF x Near_LoA	-7,823	-0,088	0,291
CHR5	7855403	CHR5:7855403	SSF x Near_LoA	-7,694	-0,125	0,277
CHR5	7855424	CHR5:7855424	SSF x Near_LoA	-5,795	-0,129	0,299
CHR5	7855697	CHR5:7855697	SSF x Near_LoA	-7,768	-0,042	0,278
CHR5	7855700	CHR5:7855700	SSF x Near_LoA	-10,071	0,036	0,277
CHR5	7855757	CHR5:7855757	SSF x Near_LoA	3,395	-0,208	0,278
CHR5	7855886	CHR5:7855886	SSF x Near_LoA	-4,730	-0,184	0,289
CHR5	7863463	CHR5:7863463	SSF x Near_LoA	-7,091	0,101	0,271
CHR5	7863490	CHR5:7863490	SSF x Near_LoA	-7,466	0,082	0,299
CHR5	7863599	CHR5:7863599	SSF x Near_LoA	-4,987	-0,160	0,272

CHR5	7863649	CHR5:7863649	SSF x Near_LoA	-7,649	0,121	0,288
CHR5	7863700	CHR5:7863700	SSF x Near_LoA	-8,454	0,109	0,288
CHR5	7863717	CHR5:7863717	SSF x Near_LoA	-9,083	0,054	0,289
CHR5	7869762	CHR5:7869762	SSF x Near_LoA	-8,816	-0,011	0,297
CHR5	7869791	CHR5:7869791	SSF x Near_LoA	-7,348	0,031	0,295
CHR5	7872617	CHR5:7872617	SSF x Near_LoA	-7,890	-0,007	0,295
CHR5	7875808	CHR5:7875808	SSF x Near_LoA	-9,249	-0,105	0,290
CHR5	7892083	CHR5:7892083	SSF x Near_LoA	-7,318	-0,098	0,280
CHR5	7892124	CHR5:7892124	SSF x Near_LoA	-7,905	-0,062	0,288
CHR5	7940841	CHR5:7940841	SSF x Near_LoA	-7,996	-0,012	0,284
CHR5	7945124	CHR5:7945124	SSF x Near_LoA	-8,897	0,058	0,285
CHR5	7996614	CHR5:7996614	SSF x Near_LoA	-9,203	0,114	0,285
CHR5	7998782	CHR5:7998782	SSF x Near_LoA	-6,067	0,148	0,288
CHR5	7998894	CHR5:7998894	SSF x Near_LoA	-7,091	0,106	0,297
CHR5	8009207	CHR5:8009207	SSF x Near_LoA	-9,196	0,050	0,275
CHR5	8009228	CHR5:8009228	SSF x Near_LoA	-6,338	-0,181	0,264
CHR5	8021304	CHR5:8021304	SSF x Near_LoA	-8,872	0,151	0,276
CHR5	8021338	CHR5:8021338	SSF x Near_LoA	-8,565	-0,048	0,297
CHR5	8021340	CHR5:8021340	SSF x Near_LoA	-8,451	-0,019	0,292
CHR5	8021341	CHR5:8021341	SSF x Near_LoA	-10,666	-0,013	0,276
CHR5	8021347	CHR5:8021347	SSF x Near_LoA	-9,343	-0,087	0,277
CHR5	8021370	CHR5:8021370	SSF x Near_LoA	-7,660	-0,120	0,286
CHR5	8064664	CHR5:8064664	SSF x Near_LoA	-7,629	-0,155	0,284
CHR5	8064728	CHR5:8064728	SSF x Near_LoA	-7,438	-0,119	0,289
CHR5	8064737	CHR5:8064737	SSF x Near_LoA	-1,522	-0,292	0,273
CHR5	8064766	CHR5:8064766	SSF x Near_LoA	-10,363	-0,014	0,294
CHR5	8064854	CHR5:8064854	SSF x Near_LoA	-8,823	0,080	0,265
CHR5	8064875	CHR5:8064875	SSF x Near_LoA	-3,442	0,190	0,277
CHR5	8064891	CHR5:8064891	SSF x Near_LoA	-3,740	0,121	0,273
CHR5	8064922	CHR5:8064922	SSF x Near_LoA	-6,788	-0,184	0,281
CHR5	8064937	CHR5:8064937	SSF x Near_LoA	-7,681	0,001	0,299
CHR5	8064946	CHR5:8064946	SSF x Near_LoA	-7,398	-0,115	0,299
CHR5	8073848	CHR5:8073848	SSF x Near_LoA	-7,538	0,042	0,288
CHR5	8076570	CHR5:8076570	SSF x Near_LoA	-10,164	-0,035	0,264
CHR5	8076630	CHR5:8076630	SSF x Near_LoA	-8,916	-0,002	0,275
CHR5	8076666	CHR5:8076666	SSF x Near_LoA	-10,082	-0,042	0,293
CHR5	8083037	CHR5:8083037	SSF x Near_LoA	-7,404	0,039	0,294
CHR5	8083057	CHR5:8083057	SSF x Near_LoA	-8,662	-0,068	0,282
CHR5	8083066	CHR5:8083066	SSF x Near_LoA	-7,615	-0,115	0,280
CHR5	8083108	CHR5:8083108	SSF x Near_LoA	-8,679	-0,062	0,272
CHR5	8110938	CHR5:8110938	SSF x Near_LoA	-8,260	0,001	0,283
CHR5	8125402	CHR5:8125402	SSF x Near_LoA	-9,347	-0,088	0,289
CHR5	8125646	CHR5:8125646	SSF x Near_LoA	-5,286	0,100	0,285
CHR5	8128600	CHR5:8128600	SSF x Near_LoA	-9,877	0,021	0,286
CHR5	8128673	CHR5:8128673	SSF x Near_LoA	-9,543	0,092	0,276
CHR5	8128680	CHR5:8128680	SSF x Near_LoA	-8,592	-0,153	0,280
CHR5	8128688	CHR5:8128688	SSF x Near_LoA	-8,189	0,114	0,284
CHR5	8130933	CHR5:8130933	SSF x Near_LoA	-7,635	-0,003	0,283
CHR5	8131030	CHR5:8131030	SSF x Near_LoA	-7,093	-0,113	0,286
CHR5	8143356	CHR5:8143356	SSF x Near_LoA	-5,778	-0,021	0,292
CHR5	8157364	CHR5:8157364	SSF x Near_LoA	-8,730	-0,030	0,275
CHR5	8157368	CHR5:8157368	SSF x Near_LoA	-6,018	-0,102	0,276
CHR5	8157370	CHR5:8157370	SSF x Near_LoA	-4,656	-0,048	0,290

CHR5	8157372	CHR5:8157372	SSF x Near_LoA	-7,705	-0,027	0,279
CHR5	8161353	CHR5:8161353	SSF x Near_LoA	-6,024	-0,061	0,271
CHR5	8161391	CHR5:8161391	SSF x Near_LoA	-6,315	0,128	0,297
CHR5	8161608	CHR5:8161608	SSF x Near_LoA	-10,658	-0,016	0,282
CHR5	8161676	CHR5:8161676	SSF x Near_LoA	-10,665	-0,012	0,283
CHR5	8172307	CHR5:8172307	SSF x Near_LoA	-6,003	-0,096	0,278
CHR5	8172329	CHR5:8172329	SSF x Near_LoA	-7,223	0,146	0,287
CHR5	8172355	CHR5:8172355	SSF x Near_LoA	-8,555	-0,112	0,288
CHR5	8172358	CHR5:8172358	SSF x Near_LoA	-8,595	0,126	0,292
CHR5	8172363	CHR5:8172363	SSF x Near_LoA	-7,570	0,075	0,267
CHR5	8172394	CHR5:8172394	SSF x Near_LoA	-6,864	0,130	0,287
CHR5	8218410	CHR5:8218410	SSF x Near_LoA	-6,739	0,092	0,276
CHR5	8218839	CHR5:8218839	SSF x Near_LoA	-6,487	0,059	0,295
CHR5	8221331	CHR5:8221331	SSF x Near_LoA	-7,539	0,114	0,259
CHR5	8226012	CHR5:8226012	SSF x Near_LoA	-2,967	0,173	0,257
CHR5	8226015	CHR5:8226015	SSF x Near_LoA	-3,005	0,169	0,268
CHR5	8226024	CHR5:8226024	SSF x Near_LoA	-4,765	0,179	0,272
CHR5	8226043	CHR5:8226043	SSF x Near_LoA	-5,474	0,170	0,276
CHR5	8226058	CHR5:8226058	SSF x Near_LoA	-5,694	-0,163	0,273
CHR5	8226115	CHR5:8226115	SSF x Near_LoA	-7,381	-0,070	0,290
CHR5	8228663	CHR5:8228663	SSF x Near_LoA	-10,088	0,028	0,287
CHR5	8228730	CHR5:8228730	SSF x Near_LoA	-9,633	0,039	0,297
CHR5	8228805	CHR5:8228805	SSF x Near_LoA	-6,820	-0,017	0,266
CHR5	8234757	CHR5:8234757	SSF x Near_LoA	-9,793	0,017	0,298
CHR5	8234764	CHR5:8234764	SSF x Near_LoA	-5,791	0,153	0,279
CHR5	8236517	CHR5:8236517	SSF x Near_LoA	-1,856	0,256	0,286
CHR5	824374	CHR5:824374	SSF x Near_LoA	-8,267	-0,033	0,276
CHR5	824435	CHR5:824435	SSF x Near_LoA	9,144	-0,112	0,281
CHR5	8246669	CHR5:8246669	SSF x Near_LoA	-8,946	-0,057	0,296
CHR5	8246671	CHR5:8246671	SSF x Near_LoA	-7,410	0,102	0,281
CHR5	8246764	CHR5:8246764	SSF x Near_LoA	-10,166	0,031	0,290
CHR5	8246767	CHR5:8246767	SSF x Near_LoA	-10,662	0,019	0,284
CHR5	8246870	CHR5:8246870	SSF x Near_LoA	-7,784	-0,111	0,272
CHR5	8246987	CHR5:8246987	SSF x Near_LoA	-6,898	0,218	0,285
CHR5	8250432	CHR5:8250432	SSF x Near_LoA	-6,467	-0,105	0,278
CHR5	8250498	CHR5:8250498	SSF x Near_LoA	-8,753	0,056	0,268
CHR5	8250870	CHR5:8250870	SSF x Near_LoA	-7,551	0,069	0,286
CHR5	8250949	CHR5:8250949	SSF x Near_LoA	-7,413	0,088	0,284
CHR5	8250959	CHR5:8250959	SSF x Near_LoA	-9,539	0,046	0,290
CHR5	8250967	CHR5:8250967	SSF x Near_LoA	-7,688	-0,037	0,282
CHR5	8250981	CHR5:8250981	SSF x Near_LoA	-5,004	-0,067	0,280
CHR5	8251009	CHR5:8251009	SSF x Near_LoA	-5,987	-0,047	0,291
CHR5	8251026	CHR5:8251026	SSF x Near_LoA	-9,169	-0,010	0,274
CHR5	8251032	CHR5:8251032	SSF x Near_LoA	-9,775	0,002	0,274
CHR5	8260529	CHR5:8260529	SSF x Near_LoA	-6,767	-0,109	0,278
CHR5	8260567	CHR5:8260567	SSF x Near_LoA	-7,794	0,099	0,291
CHR5	8260643	CHR5:8260643	SSF x Near_LoA	-8,663	0,101	0,287
CHR5	8260651	CHR5:8260651	SSF x Near_LoA	-9,472	0,072	0,282
CHR5	8263098	CHR5:8263098	SSF x Near_LoA	-8,002	0,040	0,282
CHR5	8267857	CHR5:8267857	SSF x Near_LoA	-4,259	-0,110	0,289
CHR5	8269812	CHR5:8269812	SSF x Near_LoA	-4,500	-0,063	0,296
CHR5	8292433	CHR5:8292433	SSF x Near_LoA	-8,004	0,032	0,289
CHR5	8297499	CHR5:8297499	SSF x Near_LoA	-10,131	-0,017	0,296

CHR5	8302177	CHR5:8302177	SSF x Near_LoA	-6,984	-0,167	0,297
CHR5	8302194	CHR5:8302194	SSF x Near_LoA	-5,279	0,068	0,288
CHR5	8302204	CHR5:8302204	SSF x Near_LoA	-6,818	0,135	0,278
CHR5	8314651	CHR5:8314651	SSF x Near_LoA	-9,697	0,070	0,288
CHR5	8314733	CHR5:8314733	SSF x Near_LoA	-7,750	-0,001	0,289
CHR5	8314734	CHR5:8314734	SSF x Near_LoA	-5,891	0,190	0,275
CHR5	8314760	CHR5:8314760	SSF x Near_LoA	-10,584	-0,040	0,281
CHR5	8314889	CHR5:8314889	SSF x Near_LoA	-7,087	0,109	0,288
CHR5	8314967	CHR5:8314967	SSF x Near_LoA	-8,821	0,001	0,284
CHR5	8318429	CHR5:8318429	SSF x Near_LoA	-3,758	0,230	0,285
CHR5	8318583	CHR5:8318583	SSF x Near_LoA	-8,741	-0,103	0,286
CHR5	8318611	CHR5:8318611	SSF x Near_LoA	-6,891	0,046	0,283
CHR5	8318641	CHR5:8318641	SSF x Near_LoA	-10,112	0,018	0,281
CHR5	832422	CHR5:832422	SSF x Near_LoA	-8,092	0,059	0,283
CHR5	832582	CHR5:832582	SSF x Near_LoA	-7,191	0,026	0,292
CHR5	8328851	CHR5:8328851	SSF x Near_LoA	-5,627	0,194	0,287
CHR5	8328921	CHR5:8328921	SSF x Near_LoA	-9,650	-0,067	0,281
CHR5	8328936	CHR5:8328936	SSF x Near_LoA	-7,811	-0,061	0,297
CHR5	8331013	CHR5:8331013	SSF x Near_LoA	-6,680	-0,023	0,303
CHR5	8331014	CHR5:8331014	SSF x Near_LoA	-9,397	0,066	0,296
CHR5	8360026	CHR5:8360026	SSF x Near_LoA	-7,342	-0,075	0,295
CHR5	8360180	CHR5:8360180	SSF x Near_LoA	0,696	-0,204	0,288
CHR5	8364046	CHR5:8364046	SSF x Near_LoA	-6,275	0,101	0,288
CHR5	8364977	CHR5:8364977	SSF x Near_LoA	-1,839	0,123	0,302
CHR5	8386904	CHR5:8386904	SSF x Near_LoA	-8,343	0,044	0,291
CHR5	8392633	CHR5:8392633	SSF x Near_LoA	-9,611	-0,034	0,287
CHR5	8392642	CHR5:8392642	SSF x Near_LoA	-6,903	0,128	0,281
CHR5	8400321	CHR5:8400321	SSF x Near_LoA	-6,581	-0,088	0,284
CHR5	8400634	CHR5:8400634	SSF x Near_LoA	-7,690	-0,083	0,280
CHR5	8404082	CHR5:8404082	SSF x Near_LoA	-8,601	-0,061	0,288
CHR5	8404127	CHR5:8404127	SSF x Near_LoA	-9,710	-0,040	0,285
CHR5	8404223	CHR5:8404223	SSF x Near_LoA	-7,491	-0,045	0,307
CHR5	8409699	CHR5:8409699	SSF x Near_LoA	-6,845	-0,053	0,293
CHR5	8439300	CHR5:8439300	SSF x Near_LoA	-6,799	-0,122	0,298
CHR5	8442968	CHR5:8442968	SSF x Near_LoA	-8,886	-0,004	0,290
CHR5	8443055	CHR5:8443055	SSF x Near_LoA	-3,015	-0,140	0,283
CHR5	8445488	CHR5:8445488	SSF x Near_LoA	-7,936	-0,005	0,294
CHR5	8445505	CHR5:8445505	SSF x Near_LoA	-7,010	-0,005	0,287
CHR5	8445521	CHR5:8445521	SSF x Near_LoA	-5,440	-0,006	0,304
CHR5	8445582	CHR5:8445582	SSF x Near_LoA	-7,371	-0,027	0,297
CHR5	8445642	CHR5:8445642	SSF x Near_LoA	-5,986	0,155	0,290
CHR5	8445646	CHR5:8445646	SSF x Near_LoA	-7,710	0,020	0,294
CHR5	846128	CHR5:846128	SSF x Near_LoA	-9,397	-0,028	0,276
CHR5	846284	CHR5:846284	SSF x Near_LoA	-6,341	0,090	0,293
CHR5	8464546	CHR5:8464546	SSF x Near_LoA	-8,227	0,086	0,279
CHR5	8464588	CHR5:8464588	SSF x Near_LoA	-6,136	-0,086	0,282
CHR5	8464604	CHR5:8464604	SSF x Near_LoA	-7,717	0,054	0,287
CHR5	8464762	CHR5:8464762	SSF x Near_LoA	-6,435	0,124	0,270
CHR5	8464767	CHR5:8464767	SSF x Near_LoA	-8,739	0,030	0,277
CHR5	8470716	CHR5:8470716	SSF x Near_LoA	-8,773	0,040	0,276
CHR5	8470854	CHR5:8470854	SSF x Near_LoA	-5,562	-0,235	0,278
CHR5	8470866	CHR5:8470866	SSF x Near_LoA	-6,004	0,184	0,265
CHR5	8484658	CHR5:8484658	SSF x Near_LoA	-9,904	-0,056	0,287

CHR5	8490686	CHR5:8490686	SSF x Near_LoA	-3,494	-0,134	0,290
CHR5	8490842	CHR5:8490842	SSF x Near_LoA	-10,021	-0,001	0,302
CHR5	8492511	CHR5:8492511	SSF x Near_LoA	-1,194	0,265	0,271
CHR5	8492533	CHR5:8492533	SSF x Near_LoA	-8,740	0,047	0,283
CHR5	8497527	CHR5:8497527	SSF x Near_LoA	-6,242	0,043	0,298
CHR5	8497592	CHR5:8497592	SSF x Near_LoA	-9,553	0,044	0,302
CHR5	8511696	CHR5:8511696	SSF x Near_LoA	-9,053	-0,062	0,286
CHR5	8511786	CHR5:8511786	SSF x Near_LoA	-8,938	-0,107	0,300
CHR5	8511856	CHR5:8511856	SSF x Near_LoA	1,478	-0,146	0,280
CHR5	8511906	CHR5:8511906	SSF x Near_LoA	-10,646	-0,007	0,292
CHR5	8511911	CHR5:8511911	SSF x Near_LoA	-6,393	-0,085	0,291
CHR5	8522824	CHR5:8522824	SSF x Near_LoA	-8,166	-0,122	0,276
CHR5	8522855	CHR5:8522855	SSF x Near_LoA	-6,051	-0,122	0,286
CHR5	8522882	CHR5:8522882	SSF x Near_LoA	-6,577	0,067	0,295
CHR5	8522899	CHR5:8522899	SSF x Near_LoA	-6,940	0,006	0,291
CHR5	8522977	CHR5:8522977	SSF x Near_LoA	-8,378	0,023	0,304
CHR5	8523054	CHR5:8523054	SSF x Near_LoA	-9,850	0,078	0,286
CHR5	8523087	CHR5:8523087	SSF x Near_LoA	-7,618	-0,043	0,277
CHR5	8544257	CHR5:8544257	SSF x Near_LoA	-9,017	0,018	0,284
CHR5	8544270	CHR5:8544270	SSF x Near_LoA	-8,481	-0,004	0,286
CHR5	8561504	CHR5:8561504	SSF x Near_LoA	-7,602	0,056	0,295
CHR5	8561534	CHR5:8561534	SSF x Near_LoA	-5,608	0,144	0,281
CHR5	8561607	CHR5:8561607	SSF x Near_LoA	-6,569	0,217	0,276
CHR5	8563666	CHR5:8563666	SSF x Near_LoA	-8,072	0,160	0,284
CHR5	8563872	CHR5:8563872	SSF x Near_LoA	-9,352	-0,004	0,274
CHR5	8605639	CHR5:8605639	SSF x Near_LoA	-5,848	0,072	0,282
CHR5	8605640	CHR5:8605640	SSF x Near_LoA	-5,787	0,127	0,291
CHR5	8605667	CHR5:8605667	SSF x Near_LoA	-9,761	-0,059	0,288
CHR5	8605738	CHR5:8605738	SSF x Near_LoA	-8,503	0,118	0,280
CHR5	8605912	CHR5:8605912	SSF x Near_LoA	-6,708	-0,154	0,280
CHR5	860615	CHR5:860615	SSF x Near_LoA	-7,750	-0,052	0,314
CHR5	8635402	CHR5:8635402	SSF x Near_LoA	-8,354	0,010	0,293
CHR5	8635422	CHR5:8635422	SSF x Near_LoA	-6,394	0,098	0,279
CHR5	8635458	CHR5:8635458	SSF x Near_LoA	-9,385	0,081	0,292
CHR5	8653659	CHR5:8653659	SSF x Near_LoA	-10,974	-0,032	0,284
CHR5	8653702	CHR5:8653702	SSF x Near_LoA	-8,170	-0,015	0,280
CHR5	8699544	CHR5:8699544	SSF x Near_LoA	-6,666	-0,074	0,290
CHR5	8699578	CHR5:8699578	SSF x Near_LoA	-4,966	0,210	0,261
CHR5	8699658	CHR5:8699658	SSF x Near_LoA	-6,613	-0,082	0,275
CHR5	8699679	CHR5:8699679	SSF x Near_LoA	-6,527	-0,112	0,268
CHR5	8699694	CHR5:8699694	SSF x Near_LoA	-6,909	-0,088	0,286
CHR5	8699712	CHR5:8699712	SSF x Near_LoA	-9,323	-0,058	0,278
CHR5	8699721	CHR5:8699721	SSF x Near_LoA	-6,935	-0,103	0,284
CHR5	8699796	CHR5:8699796	SSF x Near_LoA	-3,546	0,244	0,277
CHR5	8702919	CHR5:8702919	SSF x Near_LoA	-8,700	0,065	0,286
CHR5	8702922	CHR5:8702922	SSF x Near_LoA	-9,265	0,070	0,278
CHR5	8703014	CHR5:8703014	SSF x Near_LoA	-7,767	-0,035	0,291
CHR5	8703042	CHR5:8703042	SSF x Near_LoA	-4,221	0,102	0,295
CHR5	8703115	CHR5:8703115	SSF x Near_LoA	-7,927	0,036	0,283
CHR5	8704722	CHR5:8704722	SSF x Near_LoA	-9,732	0,030	0,289
CHR5	8704802	CHR5:8704802	SSF x Near_LoA	-10,087	0,023	0,288
CHR5	8715448	CHR5:8715448	SSF x Near_LoA	-8,247	0,081	0,284
CHR5	8715685	CHR5:8715685	SSF x Near_LoA	-4,053	0,080	0,304

CHR5	8715691	CHR5:8715691	SSF x Near_LoA	-7,830	0,099	0,291
CHR5	8715727	CHR5:8715727	SSF x Near_LoA	-8,304	0,061	0,284
CHR5	8715736	CHR5:8715736	SSF x Near_LoA	-7,031	0,127	0,291
CHR5	8715758	CHR5:8715758	SSF x Near_LoA	-8,335	-0,109	0,294
CHR5	8715778	CHR5:8715778	SSF x Near_LoA	-7,674	0,044	0,291
CHR5	8722482	CHR5:8722482	SSF x Near_LoA	-8,618	0,071	0,285
CHR5	8722526	CHR5:8722526	SSF x Near_LoA	-6,881	0,023	0,304
CHR5	8722546	CHR5:8722546	SSF x Near_LoA	-8,250	0,028	0,282
CHR5	8722582	CHR5:8722582	SSF x Near_LoA	-9,267	-0,073	0,298
CHR5	8730043	CHR5:8730043	SSF x Near_LoA	-5,828	-0,052	0,292
CHR5	8730058	CHR5:8730058	SSF x Near_LoA	-6,895	0,090	0,290
CHR5	8732715	CHR5:8732715	SSF x Near_LoA	-7,719	0,018	0,286
CHR5	8732738	CHR5:8732738	SSF x Near_LoA	-6,733	0,025	0,280
CHR5	8732792	CHR5:8732792	SSF x Near_LoA	-9,172	0,023	0,290
CHR5	875265	CHR5:875265	SSF x Near_LoA	0,523	-0,170	0,275
CHR5	8779585	CHR5:8779585	SSF x Near_LoA	-8,777	0,051	0,293
CHR5	8779630	CHR5:8779630	SSF x Near_LoA	-4,841	0,193	0,279
CHR5	8798990	CHR5:8798990	SSF x Near_LoA	-9,065	-0,115	0,286
CHR5	8799154	CHR5:8799154	SSF x Near_LoA	-7,612	-0,056	0,279
CHR5	8799158	CHR5:8799158	SSF x Near_LoA	-9,930	0,062	0,285
CHR5	8799174	CHR5:8799174	SSF x Near_LoA	-8,067	0,143	0,283
CHR5	8799180	CHR5:8799180	SSF x Near_LoA	-7,531	-0,049	0,286
CHR5	8799204	CHR5:8799204	SSF x Near_LoA	-9,596	-0,096	0,283
CHR5	8799212	CHR5:8799212	SSF x Near_LoA	-9,018	-0,094	0,282
CHR5	8799230	CHR5:8799230	SSF x Near_LoA	-9,176	0,046	0,280
CHR5	8801888	CHR5:8801888	SSF x Near_LoA	-7,100	0,105	0,286
CHR5	8801910	CHR5:8801910	SSF x Near_LoA	-6,881	-0,126	0,286
CHR5	8801938	CHR5:8801938	SSF x Near_LoA	-6,993	-0,032	0,285
CHR5	8801993	CHR5:8801993	SSF x Near_LoA	-3,920	-0,207	0,287
CHR5	8802011	CHR5:8802011	SSF x Near_LoA	-6,803	-0,141	0,292
CHR5	8802018	CHR5:8802018	SSF x Near_LoA	-8,198	-0,127	0,280
CHR5	8808744	CHR5:8808744	SSF x Near_LoA	-6,855	0,034	0,293
CHR5	8808763	CHR5:8808763	SSF x Near_LoA	-7,217	-0,128	0,274
CHR5	8808777	CHR5:8808777	SSF x Near_LoA	-8,254	0,034	0,292
CHR5	8808791	CHR5:8808791	SSF x Near_LoA	-8,035	0,046	0,300
CHR5	8808807	CHR5:8808807	SSF x Near_LoA	-7,029	-0,086	0,278
CHR5	8808831	CHR5:8808831	SSF x Near_LoA	-4,917	-0,187	0,277
CHR5	8808842	CHR5:8808842	SSF x Near_LoA	-9,574	0,013	0,294
CHR5	8808876	CHR5:8808876	SSF x Near_LoA	-7,109	0,025	0,276
CHR5	8808887	CHR5:8808887	SSF x Near_LoA	-10,055	0,021	0,289
CHR5	8808943	CHR5:8808943	SSF x Near_LoA	-5,166	0,180	0,289
CHR5	8808955	CHR5:8808955	SSF x Near_LoA	-7,511	-0,100	0,295
CHR5	8808988	CHR5:8808988	SSF x Near_LoA	-6,247	-0,078	0,297
CHR5	8809019	CHR5:8809019	SSF x Near_LoA	-8,919	-0,040	0,290
CHR5	8817207	CHR5:8817207	SSF x Near_LoA	-9,625	-0,069	0,290
CHR5	8817214	CHR5:8817214	SSF x Near_LoA	-9,244	-0,023	0,279
CHR5	8817293	CHR5:8817293	SSF x Near_LoA	-8,523	0,139	0,284
CHR5	8817297	CHR5:8817297	SSF x Near_LoA	-7,839	0,170	0,293
CHR5	8817388	CHR5:8817388	SSF x Near_LoA	-9,512	-0,096	0,296
CHR5	8817390	CHR5:8817390	SSF x Near_LoA	-9,350	0,007	0,295
CHR5	8829082	CHR5:8829082	SSF x Near_LoA	-6,488	0,139	0,285
CHR5	8829092	CHR5:8829092	SSF x Near_LoA	-3,515	-0,148	0,286
CHR5	8829316	CHR5:8829316	SSF x Near_LoA	-8,905	0,091	0,295

CHR5	8829373	CHR5:8829373	SSF x Near_LoA	-10,638	0,073	0,287
CHR5	883134	CHR5:883134	SSF x Near_LoA	-7,943	-0,090	0,294
CHR5	8844904	CHR5:8844904	SSF x Near_LoA	-8,883	-0,010	0,300
CHR5	8845015	CHR5:8845015	SSF x Near_LoA	-8,343	0,087	0,276
CHR5	8845071	CHR5:8845071	SSF x Near_LoA	-7,917	-0,084	0,283
CHR5	8848113	CHR5:8848113	SSF x Near_LoA	-8,397	0,072	0,283
CHR5	8861310	CHR5:8861310	SSF x Near_LoA	-7,057	0,159	0,279
CHR5	8861311	CHR5:8861311	SSF x Near_LoA	-8,793	0,078	0,281
CHR5	8861365	CHR5:8861365	SSF x Near_LoA	-3,538	-0,171	0,288
CHR5	8868848	CHR5:8868848	SSF x Near_LoA	-6,512	-0,063	0,283
CHR5	8868905	CHR5:8868905	SSF x Near_LoA	-8,116	-0,021	0,287
CHR5	8896579	CHR5:8896579	SSF x Near_LoA	-8,906	0,115	0,285
CHR5	8919268	CHR5:8919268	SSF x Near_LoA	-6,500	0,069	0,294
CHR5	8919328	CHR5:8919328	SSF x Near_LoA	-5,804	0,174	0,272
CHR5	8919440	CHR5:8919440	SSF x Near_LoA	-10,003	-0,009	0,281
CHR5	8919449	CHR5:8919449	SSF x Near_LoA	-8,678	-0,097	0,279
CHR5	8919461	CHR5:8919461	SSF x Near_LoA	-9,870	0,099	0,282
CHR5	8919473	CHR5:8919473	SSF x Near_LoA	-5,302	0,171	0,278
CHR5	8919536	CHR5:8919536	SSF x Near_LoA	-9,896	-0,056	0,283
CHR5	8922750	CHR5:8922750	SSF x Near_LoA	-5,996	-0,196	0,281
CHR5	8937398	CHR5:8937398	SSF x Near_LoA	-7,655	0,164	0,282
CHR5	8940041	CHR5:8940041	SSF x Near_LoA	-8,882	-0,039	0,282
CHR5	8940069	CHR5:8940069	SSF x Near_LoA	-4,829	0,162	0,260
CHR5	8940217	CHR5:8940217	SSF x Near_LoA	-6,750	-0,097	0,289
CHR5	8947253	CHR5:8947253	SSF x Near_LoA	-8,633	-0,023	0,282
CHR5	9056209	CHR5:9056209	SSF x Near_LoA	-5,872	-0,238	0,263
CHR5	9056225	CHR5:9056225	SSF x Near_LoA	-8,632	0,169	0,292
CHR5	909308	CHR5:909308	SSF x Near_LoA	-9,025	0,009	0,292
CHR5	9098136	CHR5:9098136	SSF x Near_LoA	-8,034	0,074	0,284
CHR5	9106377	CHR5:9106377	SSF x Near_LoA	-7,672	-0,136	0,267
CHR5	9106437	CHR5:9106437	SSF x Near_LoA	-6,860	0,031	0,294
CHR5	9122665	CHR5:9122665	SSF x Near_LoA	-9,853	-0,037	0,292
CHR5	9131960	CHR5:9131960	SSF x Near_LoA	-9,015	-0,079	0,290
CHR5	9140290	CHR5:9140290	SSF x Near_LoA	-9,062	-0,013	0,285
CHR5	9161916	CHR5:9161916	SSF x Near_LoA	-8,040	-0,021	0,287
CHR5	9162053	CHR5:9162053	SSF x Near_LoA	-10,517	-0,040	0,285
CHR5	9162382	CHR5:9162382	SSF x Near_LoA	-10,159	-0,013	0,291
CHR5	9162495	CHR5:9162495	SSF x Near_LoA	-5,743	0,146	0,276
CHR5	9171393	CHR5:9171393	SSF x Near_LoA	-8,340	0,056	0,291
CHR5	9171401	CHR5:9171401	SSF x Near_LoA	-5,267	-0,037	0,289
CHR5	9171435	CHR5:9171435	SSF x Near_LoA	-9,158	0,024	0,286
CHR5	9202413	CHR5:9202413	SSF x Near_LoA	-1,970	0,229	0,282
CHR5	9205516	CHR5:9205516	SSF x Near_LoA	0,393	-0,022	0,279
CHR5	9206858	CHR5:9206858	SSF x Near_LoA	-9,817	-0,009	0,294
CHR5	9215315	CHR5:9215315	SSF x Near_LoA	-9,159	-0,021	0,290
CHR5	9248046	CHR5:9248046	SSF x Near_LoA	-6,907	-0,202	0,274
CHR5	9248213	CHR5:9248213	SSF x Near_LoA	-6,934	-0,146	0,283
CHR5	9248252	CHR5:9248252	SSF x Near_LoA	-4,780	-0,193	0,277
CHR5	9269886	CHR5:9269886	SSF x Near_LoA	-9,210	-0,026	0,295
CHR5	9269977	CHR5:9269977	SSF x Near_LoA	-6,697	0,127	0,266
CHR5	9270015	CHR5:9270015	SSF x Near_LoA	-6,532	0,097	0,280
CHR5	9270089	CHR5:9270089	SSF x Near_LoA	-6,982	-0,013	0,290
CHR5	9270127	CHR5:9270127	SSF x Near_LoA	-6,895	0,127	0,277

CHR5	9270131	CHR5:9270131	SSF x Near_LoA	-5,580	0,144	0,280
CHR5	9275617	CHR5:9275617	SSF x Near_LoA	-8,991	-0,016	0,281
CHR5	9275690	CHR5:9275690	SSF x Near_LoA	-8,471	0,003	0,289
CHR5	9275714	CHR5:9275714	SSF x Near_LoA	-10,041	0,076	0,286
CHR5	9275801	CHR5:9275801	SSF x Near_LoA	-7,393	-0,066	0,292
CHR5	9275826	CHR5:9275826	SSF x Near_LoA	-7,960	0,061	0,287
CHR5	9275831	CHR5:9275831	SSF x Near_LoA	-7,032	-0,177	0,282
CHR5	9283066	CHR5:9283066	SSF x Near_LoA	-8,935	-0,023	0,284
CHR5	9283071	CHR5:9283071	SSF x Near_LoA	-4,995	0,096	0,283
CHR5	9283125	CHR5:9283125	SSF x Near_LoA	-9,669	0,075	0,274
CHR5	9283133	CHR5:9283133	SSF x Near_LoA	-7,292	0,130	0,265
CHR5	9301012	CHR5:9301012	SSF x Near_LoA	-6,672	0,226	0,286
CHR5	9301187	CHR5:9301187	SSF x Near_LoA	-8,848	0,090	0,286
CHR5	9304427	CHR5:9304427	SSF x Near_LoA	-7,743	-0,049	0,276
CHR5	9306919	CHR5:9306919	SSF x Near_LoA	-9,679	-0,002	0,286
CHR5	9306995	CHR5:9306995	SSF x Near_LoA	-9,529	0,035	0,286
CHR5	930946	CHR5:930946	SSF x Near_LoA	-7,920	-0,132	0,276
CHR5	9311878	CHR5:9311878	SSF x Near_LoA	-8,674	-0,147	0,290
CHR5	931285	CHR5:931285	SSF x Near_LoA	-8,534	0,006	0,304
CHR5	931394	CHR5:931394	SSF x Near_LoA	-9,823	-0,066	0,287
CHR5	9319179	CHR5:9319179	SSF x Near_LoA	-9,610	-0,013	0,292
CHR5	9319217	CHR5:9319217	SSF x Near_LoA	-9,913	-0,110	0,290
CHR5	9319239	CHR5:9319239	SSF x Near_LoA	-3,878	-0,070	0,291
CHR5	9319241	CHR5:9319241	SSF x Near_LoA	-10,155	-0,044	0,283
CHR5	9319289	CHR5:9319289	SSF x Near_LoA	-10,532	-0,007	0,296
CHR5	9319306	CHR5:9319306	SSF x Near_LoA	-8,172	-0,072	0,294
CHR5	9319310	CHR5:9319310	SSF x Near_LoA	-5,449	0,156	0,287
CHR5	9319808	CHR5:9319808	SSF x Near_LoA	-9,038	0,005	0,295
CHR5	9319881	CHR5:9319881	SSF x Near_LoA	-7,821	-0,044	0,286
CHR5	9321117	CHR5:9321117	SSF x Near_LoA	-7,068	-0,097	0,283
CHR5	9348166	CHR5:9348166	SSF x Near_LoA	-7,848	0,052	0,295
CHR5	9348179	CHR5:9348179	SSF x Near_LoA	-8,559	-0,012	0,290
CHR5	9348218	CHR5:9348218	SSF x Near_LoA	-5,092	-0,137	0,281
CHR5	9348249	CHR5:9348249	SSF x Near_LoA	-8,500	0,100	0,282
CHR5	9348301	CHR5:9348301	SSF x Near_LoA	1,846	0,063	0,275
CHR5	9348317	CHR5:9348317	SSF x Near_LoA	-8,839	0,074	0,281
CHR5	9348330	CHR5:9348330	SSF x Near_LoA	-4,569	-0,003	0,287
CHR5	9348383	CHR5:9348383	SSF x Near_LoA	-8,611	-0,032	0,288
CHR5	9348384	CHR5:9348384	SSF x Near_LoA	-8,105	-0,102	0,280
CHR5	9356229	CHR5:9356229	SSF x Near_LoA	-4,610	0,193	0,275
CHR5	9356261	CHR5:9356261	SSF x Near_LoA	-7,170	0,045	0,289
CHR5	9356281	CHR5:9356281	SSF x Near_LoA	-7,217	0,182	0,267
CHR5	9360867	CHR5:9360867	SSF x Near_LoA	-9,173	0,108	0,290
CHR5	9376630	CHR5:9376630	SSF x Near_LoA	-9,710	0,098	0,269
CHR5	939200	CHR5:939200	SSF x Near_LoA	-9,052	-0,068	0,275
CHR5	9398090	CHR5:9398090	SSF x Near_LoA	-8,117	0,134	0,280
CHR5	9398196	CHR5:9398196	SSF x Near_LoA	-8,079	0,122	0,285
CHR5	9398275	CHR5:9398275	SSF x Near_LoA	-9,129	-0,063	0,271
CHR5	9398375	CHR5:9398375	SSF x Near_LoA	-9,102	-0,015	0,298
CHR5	940929	CHR5:940929	SSF x Near_LoA	-9,127	0,041	0,293
CHR5	940955	CHR5:940955	SSF x Near_LoA	-6,146	-0,083	0,292
CHR5	9425249	CHR5:9425249	SSF x Near_LoA	13,336	0,150	0,293
CHR5	9434270	CHR5:9434270	SSF x Near_LoA	-8,017	-0,023	0,276

CHR5	9434306	CHR5:9434306	SSF x Near_LoA	-9,786	0,105	0,283
CHR5	9443468	CHR5:9443468	SSF x Near_LoA	-7,665	-0,023	0,281
CHR5	9472545	CHR5:9472545	SSF x Near_LoA	-4,318	0,204	0,265
CHR5	9472570	CHR5:9472570	SSF x Near_LoA	-7,605	-0,092	0,298
CHR5	9473522	CHR5:9473522	SSF x Near_LoA	-7,862	-0,164	0,274
CHR5	9478167	CHR5:9478167	SSF x Near_LoA	-6,906	-0,119	0,276
CHR5	9478220	CHR5:9478220	SSF x Near_LoA	-9,798	-0,078	0,274
CHR5	9478281	CHR5:9478281	SSF x Near_LoA	-7,845	-0,150	0,299
CHR5	9496104	CHR5:9496104	SSF x Near_LoA	-10,047	0,063	0,270
CHR5	9496405	CHR5:9496405	SSF x Near_LoA	-6,659	-0,038	0,287
CHR5	9496548	CHR5:9496548	SSF x Near_LoA	-8,452	0,116	0,283
CHR5	9529740	CHR5:9529740	SSF x Near_LoA	-7,818	-0,158	0,291
CHR5	9529762	CHR5:9529762	SSF x Near_LoA	-7,190	0,176	0,285
CHR5	9530790	CHR5:9530790	SSF x Near_LoA	-7,940	-0,083	0,302
CHR5	9530857	CHR5:9530857	SSF x Near_LoA	-3,407	-0,042	0,290
CHR5	9530869	CHR5:9530869	SSF x Near_LoA	-5,687	-0,048	0,302
CHR5	9530871	CHR5:9530871	SSF x Near_LoA	-7,837	-0,007	0,295
CHR5	9540819	CHR5:9540819	SSF x Near_LoA	-7,245	0,112	0,282
CHR5	9540843	CHR5:9540843	SSF x Near_LoA	-10,436	0,078	0,282
CHR5	9540873	CHR5:9540873	SSF x Near_LoA	-7,435	-0,154	0,275
CHR5	9540895	CHR5:9540895	SSF x Near_LoA	1,461	0,189	0,277
CHR5	9544339	CHR5:9544339	SSF x Near_LoA	-8,341	-0,017	0,287
CHR5	9554865	CHR5:9554865	SSF x Near_LoA	-10,977	0,048	0,284
CHR5	9554872	CHR5:9554872	SSF x Near_LoA	-9,809	-0,077	0,277
CHR5	9555015	CHR5:9555015	SSF x Near_LoA	-7,639	-0,161	0,282
CHR5	9561522	CHR5:9561522	SSF x Near_LoA	-7,487	0,107	0,298
CHR5	9561542	CHR5:9561542	SSF x Near_LoA	-4,376	0,089	0,295
CHR5	9561569	CHR5:9561569	SSF x Near_LoA	-8,046	-0,089	0,266
CHR5	9561648	CHR5:9561648	SSF x Near_LoA	-8,526	-0,035	0,281
CHR5	9569193	CHR5:9569193	SSF x Near_LoA	-6,997	0,145	0,272
CHR5	9569305	CHR5:9569305	SSF x Near_LoA	-10,066	0,043	0,280
CHR5	9569306	CHR5:9569306	SSF x Near_LoA	-7,948	-0,045	0,283
CHR5	959941	CHR5:959941	SSF x Near_LoA	-6,466	0,072	0,283
CHR5	959985	CHR5:959985	SSF x Near_LoA	-10,835	-0,061	0,276
CHR5	960014	CHR5:960014	SSF x Near_LoA	-6,625	-0,024	0,296
CHR5	9603785	CHR5:9603785	SSF x Near_LoA	-7,504	0,079	0,284
CHR5	9603799	CHR5:9603799	SSF x Near_LoA	-7,974	-0,028	0,290
CHR5	9603850	CHR5:9603850	SSF x Near_LoA	-7,502	0,045	0,288
CHR5	9603868	CHR5:9603868	SSF x Near_LoA	-8,640	0,066	0,258
CHR5	9603897	CHR5:9603897	SSF x Near_LoA	-8,646	0,069	0,262
CHR5	9604007	CHR5:9604007	SSF x Near_LoA	-8,047	0,050	0,277
CHR5	9606374	CHR5:9606374	SSF x Near_LoA	-4,011	0,216	0,279
CHR5	9606459	CHR5:9606459	SSF x Near_LoA	-9,472	0,004	0,272
CHR5	9606562	CHR5:9606562	SSF x Near_LoA	-8,229	-0,142	0,288
CHR5	9606610	CHR5:9606610	SSF x Near_LoA	-7,974	0,109	0,290
CHR5	9606626	CHR5:9606626	SSF x Near_LoA	-7,691	0,131	0,285
CHR5	9622481	CHR5:9622481	SSF x Near_LoA	-7,141	-0,037	0,295
CHR5	9622529	CHR5:9622529	SSF x Near_LoA	-9,155	0,037	0,276
CHR5	9622603	CHR5:9622603	SSF x Near_LoA	-8,363	0,089	0,279
CHR5	9622631	CHR5:9622631	SSF x Near_LoA	-7,320	0,046	0,286
CHR5	9628643	CHR5:9628643	SSF x Near_LoA	-7,099	-0,021	0,287
CHR5	9628729	CHR5:9628729	SSF x Near_LoA	-10,159	-0,037	0,290
CHR5	9628789	CHR5:9628789	SSF x Near_LoA	-7,208	-0,063	0,296

CHR5	9631474	CHR5:9631474	SSF x Near_LoA	-1,590	0,248	0,264
CHR5	9631523	CHR5:9631523	SSF x Near_LoA	-8,084	-0,145	0,286
CHR5	9631542	CHR5:9631542	SSF x Near_LoA	-7,661	0,000	0,275
CHR5	9631682	CHR5:9631682	SSF x Near_LoA	-1,831	0,244	0,267
CHR5	9635256	CHR5:9635256	SSF x Near_LoA	-10,409	-0,024	0,282
CHR5	9635258	CHR5:9635258	SSF x Near_LoA	-10,103	-0,028	0,291
CHR5	9635466	CHR5:9635466	SSF x Near_LoA	-7,343	0,067	0,288
CHR5	9644847	CHR5:9644847	SSF x Near_LoA	-7,552	-0,009	0,297
CHR5	9644858	CHR5:9644858	SSF x Near_LoA	-7,926	-0,008	0,293
CHR5	9644898	CHR5:9644898	SSF x Near_LoA	-10,457	0,041	0,278
CHR5	9644929	CHR5:9644929	SSF x Near_LoA	-9,891	0,039	0,285
CHR5	9644932	CHR5:9644932	SSF x Near_LoA	-10,174	0,029	0,285
CHR5	9644969	CHR5:9644969	SSF x Near_LoA	-10,344	0,067	0,278
CHR5	9644976	CHR5:9644976	SSF x Near_LoA	-10,154	0,056	0,288
CHR5	9658821	CHR5:9658821	SSF x Near_LoA	-10,015	-0,016	0,288
CHR5	9658858	CHR5:9658858	SSF x Near_LoA	-9,667	-0,078	0,275
CHR5	9658898	CHR5:9658898	SSF x Near_LoA	-8,166	-0,062	0,288
CHR5	9685783	CHR5:9685783	SSF x Near_LoA	-9,795	0,100	0,284
CHR5	9685949	CHR5:9685949	SSF x Near_LoA	-9,876	-0,038	0,275
CHR5	9691610	CHR5:9691610	SSF x Near_LoA	-10,000	0,000	0,293
CHR5	9691682	CHR5:9691682	SSF x Near_LoA	-9,274	0,037	0,284
CHR5	9691754	CHR5:9691754	SSF x Near_LoA	-9,486	0,027	0,286
CHR5	9691765	CHR5:9691765	SSF x Near_LoA	-8,210	0,060	0,288
CHR5	9691830	CHR5:9691830	SSF x Near_LoA	-7,603	0,015	0,277
CHR5	9691847	CHR5:9691847	SSF x Near_LoA	-10,870	-0,036	0,281
CHR5	9724627	CHR5:9724627	SSF x Near_LoA	-10,304	-0,070	0,288
CHR5	9725539	CHR5:9725539	SSF x Near_LoA	-7,849	-0,087	0,290
CHR5	9735265	CHR5:9735265	SSF x Near_LoA	-8,514	0,023	0,293
CHR5	9735303	CHR5:9735303	SSF x Near_LoA	-6,656	0,142	0,281
CHR5	9735355	CHR5:9735355	SSF x Near_LoA	-8,860	0,081	0,276
CHR5	9757436	CHR5:9757436	SSF x Near_LoA	-1,574	-0,123	0,289
CHR5	9768137	CHR5:9768137	SSF x Near_LoA	3,446	0,189	0,284
CHR5	977584	CHR5:977584	SSF x Near_LoA	-9,253	0,039	0,281
CHR5	9781541	CHR5:9781541	SSF x Near_LoA	-7,784	-0,101	0,266
CHR5	9781589	CHR5:9781589	SSF x Near_LoA	-3,280	-0,112	0,289
CHR5	9781655	CHR5:9781655	SSF x Near_LoA	-4,574	-0,111	0,285
CHR5	9787012	CHR5:9787012	SSF x Near_LoA	-8,463	0,014	0,279
CHR5	9787048	CHR5:9787048	SSF x Near_LoA	-7,194	0,049	0,282
CHR5	9787924	CHR5:9787924	SSF x Near_LoA	-8,069	-0,014	0,304
CHR5	9788896	CHR5:9788896	SSF x Near_LoA	-6,626	-0,160	0,288
CHR5	9791735	CHR5:9791735	SSF x Near_LoA	-8,141	-0,038	0,293
CHR5	9791741	CHR5:9791741	SSF x Near_LoA	-5,616	-0,074	0,286
CHR5	9794229	CHR5:9794229	SSF x Near_LoA	-9,436	0,006	0,283
CHR5	9794339	CHR5:9794339	SSF x Near_LoA	-8,051	0,169	0,276
CHR5	9794341	CHR5:9794341	SSF x Near_LoA	-6,925	0,132	0,278
CHR5	9794564	CHR5:9794564	SSF x Near_LoA	-6,020	-0,095	0,292
CHR5	9820987	CHR5:9820987	SSF x Near_LoA	-7,391	-0,033	0,283
CHR5	9820996	CHR5:9820996	SSF x Near_LoA	-7,970	0,000	0,278
CHR5	987162	CHR5:987162	SSF x Near_LoA	-7,835	0,034	0,250
CHR5	987204	CHR5:987204	SSF x Near_LoA	-7,371	-0,029	0,285
CHR5	987255	CHR5:987255	SSF x Near_LoA	-7,198	-0,137	0,260
CHR5	987289	CHR5:987289	SSF x Near_LoA	-9,887	-0,011	0,291
CHR5	9936067	CHR5:9936067	SSF x Near_LoA	-8,673	-0,014	0,288

CHR5	9936072	CHR5:9936072	SSF x Near_LoA	-8,948	-0,009	0,289
CHR5	9936074	CHR5:9936074	SSF x Near_LoA	-6,195	-0,146	0,294
CHR5	9936112	CHR5:9936112	SSF x Near_LoA	-9,122	0,053	0,288
CHR5	9942236	CHR5:9942236	SSF x Near_LoA	-7,873	0,056	0,289
CHR5	9949943	CHR5:9949943	SSF x Near_LoA	-7,006	0,059	0,301
CHR5	9966608	CHR5:9966608	SSF x Near_LoA	-8,998	-0,091	0,275
CHR5	9966674	CHR5:9966674	SSF x Near_LoA	-7,439	0,009	0,277
CHR5	9966676	CHR5:9966676	SSF x Near_LoA	-8,286	0,018	0,270
CHR5	9966685	CHR5:9966685	SSF x Near_LoA	-7,976	0,080	0,279
CHR5	9967031	CHR5:9967031	SSF x Near_LoA	-10,408	0,011	0,285
CHR5	9990823	CHR5:9990823	SSF x Near_LoA	-7,401	-0,028	0,301
CHR5	9991209	CHR5:9991209	SSF x Near_LoA	1,440	-0,165	0,300
CHR5	9991210	CHR5:9991210	SSF x Near_LoA	-7,550	-0,194	0,289
CHR6	1E+07	CHR6:10002914	SSF x Near_LoA	-6,852	-0,013	0,304
CHR6	1E+07	CHR6:10002929	SSF x Near_LoA	-5,831	-0,164	0,285
CHR6	1E+07	CHR6:10002994	SSF x Near_LoA	-7,374	-0,122	0,293
CHR6	1E+07	CHR6:10007443	SSF x Near_LoA	-8,894	0,020	0,295
CHR6	1E+07	CHR6:10007459	SSF x Near_LoA	-10,680	-0,001	0,291
CHR6	1E+07	CHR6:10007461	SSF x Near_LoA	-10,135	-0,056	0,293
CHR6	1E+07	CHR6:10007485	SSF x Near_LoA	-10,311	-0,031	0,281
CHR6	1E+07	CHR6:10007499	SSF x Near_LoA	-9,344	-0,112	0,294
CHR6	1E+07	CHR6:10018796	SSF x Near_LoA	-9,032	-0,054	0,304
CHR6	1E+07	CHR6:10018802	SSF x Near_LoA	-8,107	-0,004	0,285
CHR6	1E+07	CHR6:10018818	SSF x Near_LoA	-7,738	0,020	0,300
CHR6	1E+07	CHR6:10019087	SSF x Near_LoA	-7,658	-0,002	0,285
CHR6	1E+07	CHR6:10028718	SSF x Near_LoA	-6,363	0,022	0,293
CHR6	1E+07	CHR6:10031719	SSF x Near_LoA	-9,752	-0,096	0,283
CHR6	1E+07	CHR6:10031720	SSF x Near_LoA	-7,241	-0,091	0,281
CHR6	1E+07	CHR6:10031721	SSF x Near_LoA	-5,211	0,165	0,288
CHR6	1E+07	CHR6:10031788	SSF x Near_LoA	-9,734	0,032	0,294
CHR6	1E+07	CHR6:10031848	SSF x Near_LoA	-8,471	-0,094	0,281
CHR6	1E+07	CHR6:10031960	SSF x Near_LoA	-7,478	-0,047	0,296
CHR6	1E+07	CHR6:10048055	SSF x Near_LoA	-8,117	-0,133	0,282
CHR6	1E+07	CHR6:10048182	SSF x Near_LoA	-8,554	0,003	0,298
CHR6	1E+07	CHR6:10049735	SSF x Near_LoA	-10,109	0,030	0,301
CHR6	1E+07	CHR6:10049769	SSF x Near_LoA	-8,774	0,074	0,280
CHR6	1E+07	CHR6:10049803	SSF x Near_LoA	-7,204	0,090	0,288
CHR6	1E+07	CHR6:10049864	SSF x Near_LoA	-7,377	0,167	0,280
CHR6	1E+07	CHR6:10049879	SSF x Near_LoA	-8,263	0,167	0,279
CHR6	1E+07	CHR6:10060045	SSF x Near_LoA	-7,321	-0,019	0,279
CHR6	1E+07	CHR6:10060049	SSF x Near_LoA	-7,464	0,092	0,297
CHR6	1E+07	CHR6:10060202	SSF x Near_LoA	-7,743	0,163	0,291
CHR6	1E+07	CHR6:10060239	SSF x Near_LoA	-9,015	-0,032	0,281
CHR6	1E+07	CHR6:10060410	SSF x Near_LoA	-8,738	-0,053	0,299
CHR6	1E+07	CHR6:10072425	SSF x Near_LoA	7,557	0,022	0,278
CHR6	1E+07	CHR6:10072491	SSF x Near_LoA	-6,784	-0,059	0,278
CHR6	1E+07	CHR6:10072513	SSF x Near_LoA	-8,258	-0,091	0,293
CHR6	1E+07	CHR6:10072538	SSF x Near_LoA	-10,416	0,026	0,283
CHR6	1E+07	CHR6:10072541	SSF x Near_LoA	-10,561	-0,023	0,284
CHR6	1E+07	CHR6:10072655	SSF x Near_LoA	-8,597	-0,138	0,276
CHR6	1E+07	CHR6:10082942	SSF x Near_LoA	-5,704	0,192	0,298
CHR6	1E+07	CHR6:10083009	SSF x Near_LoA	-4,470	-0,070	0,299
CHR6	1E+07	CHR6:10083016	SSF x Near_LoA	-8,402	0,054	0,291

CHR6	1E+07	CHR6:10086532	SSF x Near_LoA	-6,810	0,105	0,288
CHR6	1E+07	CHR6:10086576	SSF x Near_LoA	-6,641	0,094	0,284
CHR6	1E+07	CHR6:10086584	SSF x Near_LoA	-9,179	0,034	0,283
CHR6	1E+07	CHR6:10086643	SSF x Near_LoA	-7,073	0,015	0,283
CHR6	1E+07	CHR6:10086657	SSF x Near_LoA	-5,444	0,091	0,283
CHR6	1E+07	CHR6:10093222	SSF x Near_LoA	-10,095	0,017	0,286
CHR6	1E+07	CHR6:10093295	SSF x Near_LoA	-9,603	-0,002	0,277
CHR6	1E+07	CHR6:10104796	SSF x Near_LoA	-9,694	0,110	0,283
CHR6	1E+07	CHR6:10104838	SSF x Near_LoA	-6,130	-0,045	0,283
CHR6	1E+07	CHR6:10104871	SSF x Near_LoA	-7,716	0,073	0,279
CHR6	1E+07	CHR6:10104950	SSF x Near_LoA	-6,551	-0,032	0,289
CHR6	1E+07	CHR6:10104964	SSF x Near_LoA	-8,263	0,032	0,279
CHR6	1E+07	CHR6:10104975	SSF x Near_LoA	-8,418	-0,026	0,271
CHR6	1E+07	CHR6:10104986	SSF x Near_LoA	-8,663	-0,122	0,274
CHR6	1E+07	CHR6:10104991	SSF x Near_LoA	-7,554	-0,045	0,276
CHR6	1E+07	CHR6:10105001	SSF x Near_LoA	-8,070	-0,037	0,277
CHR6	1E+07	CHR6:10105007	SSF x Near_LoA	-7,880	-0,002	0,280
CHR6	1E+07	CHR6:10105028	SSF x Near_LoA	-5,961	0,035	0,301
CHR6	1E+07	CHR6:10134655	SSF x Near_LoA	-9,584	-0,072	0,281
CHR6	1E+07	CHR6:10134741	SSF x Near_LoA	-8,973	-0,022	0,295
CHR6	1E+07	CHR6:10149040	SSF x Near_LoA	-7,986	-0,166	0,286
CHR6	1E+07	CHR6:10159694	SSF x Near_LoA	-8,341	-0,058	0,285
CHR6	1E+07	CHR6:10159743	SSF x Near_LoA	-7,615	-0,020	0,292
CHR6	1E+07	CHR6:10159791	SSF x Near_LoA	-7,310	-0,087	0,275
CHR6	1018305	CHR6:1018305	SSF x Near_LoA	-6,323	0,135	0,286
CHR6	1018379	CHR6:1018379	SSF x Near_LoA	-9,225	-0,008	0,276
CHR6	1018438	CHR6:1018438	SSF x Near_LoA	-6,347	0,044	0,298
CHR6	1018552	CHR6:1018552	SSF x Near_LoA	-8,077	0,049	0,293
CHR6	1019246	CHR6:1019246	SSF x Near_LoA	-10,765	0,012	0,282
CHR6	1019349	CHR6:1019349	SSF x Near_LoA	-8,526	0,055	0,303
CHR6	1E+07	CHR6:10207578	SSF x Near_LoA	-10,194	-0,042	0,280
CHR6	1E+07	CHR6:10207626	SSF x Near_LoA	-3,946	0,074	0,289
CHR6	1024067	CHR6:1024067	SSF x Near_LoA	-8,820	0,032	0,282
CHR6	1024084	CHR6:1024084	SSF x Near_LoA	-8,452	0,039	0,283
CHR6	1024293	CHR6:1024293	SSF x Near_LoA	-8,657	0,096	0,301
CHR6	1024395	CHR6:1024395	SSF x Near_LoA	-8,253	-0,089	0,282
CHR6	1E+07	CHR6:10248398	SSF x Near_LoA	-10,698	-0,008	0,292
CHR6	1E+07	CHR6:10248422	SSF x Near_LoA	-9,687	0,028	0,288
CHR6	1E+07	CHR6:10248445	SSF x Near_LoA	-6,327	0,098	0,278
CHR6	1E+07	CHR6:10248729	SSF x Near_LoA	-10,555	0,086	0,278
CHR6	1E+07	CHR6:10251636	SSF x Near_LoA	-10,246	0,007	0,289
CHR6	1E+07	CHR6:10251638	SSF x Near_LoA	-9,868	0,006	0,284
CHR6	1E+07	CHR6:10256032	SSF x Near_LoA	-7,378	0,056	0,293
CHR6	1026740	CHR6:1026740	SSF x Near_LoA	-6,412	0,144	0,286
CHR6	1026855	CHR6:1026855	SSF x Near_LoA	-5,776	-0,147	0,270
CHR6	1E+07	CHR6:10276804	SSF x Near_LoA	-9,301	0,050	0,281
CHR6	1E+07	CHR6:10285253	SSF x Near_LoA	-1,361	0,210	0,275
CHR6	1E+07	CHR6:10285282	SSF x Near_LoA	-6,456	-0,109	0,263
CHR6	1E+07	CHR6:10285306	SSF x Near_LoA	-9,084	-0,037	0,274
CHR6	1E+07	CHR6:10285319	SSF x Near_LoA	-10,488	0,045	0,283
CHR6	1E+07	CHR6:10288711	SSF x Near_LoA	-7,830	-0,017	0,299
CHR6	1E+07	CHR6:10288757	SSF x Near_LoA	-9,799	-0,013	0,291
CHR6	1E+07	CHR6:10288853	SSF x Near_LoA	-10,024	-0,114	0,284

CHR6	1E+07	CHR6:10288873	SSF x Near_LoA	-5,140	0,146	0,274
CHR6	1E+07	CHR6:10288903	SSF x Near_LoA	-9,659	0,012	0,285
CHR6	1E+07	CHR6:10288906	SSF x Near_LoA	-8,863	0,053	0,264
CHR6	1E+07	CHR6:10296215	SSF x Near_LoA	-8,064	0,001	0,302
CHR6	1E+07	CHR6:10296402	SSF x Near_LoA	-7,122	0,113	0,294
CHR6	1E+07	CHR6:10303609	SSF x Near_LoA	-10,601	0,063	0,275
CHR6	1E+07	CHR6:10303620	SSF x Near_LoA	-7,796	0,050	0,302
CHR6	1E+07	CHR6:10303623	SSF x Near_LoA	-10,164	0,035	0,300
CHR6	1E+07	CHR6:10307999	SSF x Near_LoA	-7,258	-0,072	0,290
CHR6	1E+07	CHR6:10308028	SSF x Near_LoA	-6,114	0,128	0,288
CHR6	1E+07	CHR6:10308032	SSF x Near_LoA	-6,788	0,023	0,307
CHR6	1E+07	CHR6:10308086	SSF x Near_LoA	-8,747	-0,072	0,273
CHR6	1E+07	CHR6:10308118	SSF x Near_LoA	-2,494	-0,132	0,281
CHR6	1E+07	CHR6:10308142	SSF x Near_LoA	-7,534	-0,064	0,290
CHR6	1E+07	CHR6:10338290	SSF x Near_LoA	-5,575	-0,092	0,294
CHR6	1E+07	CHR6:10338347	SSF x Near_LoA	-9,886	-0,016	0,290
CHR6	1E+07	CHR6:10341078	SSF x Near_LoA	-7,578	-0,039	0,296
CHR6	1E+07	CHR6:10366860	SSF x Near_LoA	-8,837	-0,114	0,279
CHR6	1E+07	CHR6:10366928	SSF x Near_LoA	-7,102	0,126	0,283
CHR6	1E+07	CHR6:10366988	SSF x Near_LoA	-7,398	-0,108	0,275
CHR6	1E+07	CHR6:10368618	SSF x Near_LoA	-9,098	-0,040	0,283
CHR6	1E+07	CHR6:10368646	SSF x Near_LoA	-10,316	-0,117	0,266
CHR6	1E+07	CHR6:10368656	SSF x Near_LoA	-10,364	-0,019	0,285
CHR6	1E+07	CHR6:10368707	SSF x Near_LoA	-4,052	0,251	0,261
CHR6	1E+07	CHR6:10378018	SSF x Near_LoA	-8,769	-0,031	0,291
CHR6	1E+07	CHR6:10378129	SSF x Near_LoA	-4,321	0,186	0,267
CHR6	1E+07	CHR6:10378216	SSF x Near_LoA	-6,904	0,142	0,292
CHR6	1E+07	CHR6:10378225	SSF x Near_LoA	-10,536	-0,015	0,272
CHR6	1E+07	CHR6:10378232	SSF x Near_LoA	-2,243	0,120	0,278
CHR6	1E+07	CHR6:10378245	SSF x Near_LoA	-1,779	0,136	0,280
CHR6	1E+07	CHR6:10378250	SSF x Near_LoA	-8,496	0,039	0,288
CHR6	1E+07	CHR6:10378260	SSF x Near_LoA	-5,190	0,144	0,279
CHR6	1E+07	CHR6:10378278	SSF x Near_LoA	-7,915	0,083	0,279
CHR6	1E+07	CHR6:10378286	SSF x Near_LoA	-8,403	0,103	0,260
CHR6	1E+07	CHR6:10378290	SSF x Near_LoA	-5,202	0,146	0,270
CHR6	1E+07	CHR6:10378308	SSF x Near_LoA	-8,803	0,052	0,287
CHR6	1E+07	CHR6:10389671	SSF x Near_LoA	-3,976	0,137	0,278
CHR6	1E+07	CHR6:10395222	SSF x Near_LoA	-6,666	-0,119	0,287
CHR6	1E+07	CHR6:10395270	SSF x Near_LoA	-8,088	-0,034	0,271
CHR6	1E+07	CHR6:10395278	SSF x Near_LoA	-7,152	-0,056	0,295
CHR6	1E+07	CHR6:10395323	SSF x Near_LoA	-6,734	0,055	0,299
CHR6	1E+07	CHR6:10395324	SSF x Near_LoA	-8,298	-0,037	0,273
CHR6	1E+07	CHR6:10405634	SSF x Near_LoA	-1,419	-0,079	0,289
CHR6	1E+07	CHR6:10406958	SSF x Near_LoA	-7,173	0,045	0,302
CHR6	1E+07	CHR6:10407029	SSF x Near_LoA	-8,437	0,021	0,283
CHR6	1E+07	CHR6:10410082	SSF x Near_LoA	-7,702	0,017	0,290
CHR6	1E+07	CHR6:10410183	SSF x Near_LoA	-7,739	-0,045	0,294
CHR6	1041352	CHR6:1041352	SSF x Near_LoA	-7,926	0,079	0,290
CHR6	1041394	CHR6:1041394	SSF x Near_LoA	-10,242	0,085	0,275
CHR6	1041470	CHR6:1041470	SSF x Near_LoA	-6,503	0,176	0,271
CHR6	1E+07	CHR6:10422540	SSF x Near_LoA	-7,779	0,137	0,284
CHR6	1E+07	CHR6:10422543	SSF x Near_LoA	-8,588	0,034	0,274
CHR6	1E+07	CHR6:10422552	SSF x Near_LoA	-7,301	-0,018	0,299

CHR6	1E+07	CHR6:10422629	SSF x Near_LoA	-9,478	0,074	0,297
CHR6	1E+07	CHR6:10438521	SSF x Near_LoA	-6,255	0,096	0,293
CHR6	1E+07	CHR6:10443519	SSF x Near_LoA	-9,234	0,040	0,281
CHR6	1E+07	CHR6:10443698	SSF x Near_LoA	-7,795	0,003	0,294
CHR6	1E+07	CHR6:10443745	SSF x Near_LoA	-8,834	0,021	0,292
CHR6	1E+07	CHR6:10456597	SSF x Near_LoA	-7,067	-0,056	0,287
CHR6	1E+07	CHR6:10479580	SSF x Near_LoA	-10,227	-0,058	0,292
CHR6	1E+07	CHR6:10482526	SSF x Near_LoA	-6,388	-0,170	0,274
CHR6	1E+07	CHR6:10482728	SSF x Near_LoA	-0,030	-0,233	0,259
CHR6	10505025	CHR6:10505025	SSF x Near_LoA	-8,638	0,038	0,279
CHR6	10511427	CHR6:10511427	SSF x Near_LoA	-5,941	-0,147	0,276
CHR6	10511431	CHR6:10511431	SSF x Near_LoA	-6,455	-0,156	0,279
CHR6	10520555	CHR6:10520555	SSF x Near_LoA	-7,782	0,047	0,273
CHR6	10520596	CHR6:10520596	SSF x Near_LoA	-10,149	0,062	0,276
CHR6	10520746	CHR6:10520746	SSF x Near_LoA	-9,383	0,011	0,295
CHR6	10520779	CHR6:10520779	SSF x Near_LoA	5,034	-0,275	0,251
CHR6	10520861	CHR6:10520861	SSF x Near_LoA	-9,655	0,105	0,277
CHR6	10529587	CHR6:10529587	SSF x Near_LoA	-7,625	0,178	0,278
CHR6	10529617	CHR6:10529617	SSF x Near_LoA	2,635	0,169	0,281
CHR6	10534171	CHR6:10534171	SSF x Near_LoA	-8,783	0,051	0,293
CHR6	10568828	CHR6:10568828	SSF x Near_LoA	-3,189	-0,011	0,288
CHR6	10568848	CHR6:10568848	SSF x Near_LoA	-7,895	0,122	0,290
CHR6	10568873	CHR6:10568873	SSF x Near_LoA	-6,126	-0,064	0,281
CHR6	10569012	CHR6:10569012	SSF x Near_LoA	-9,500	0,097	0,279
CHR6	10571744	CHR6:10571744	SSF x Near_LoA	-4,941	-0,158	0,282
CHR6	10571820	CHR6:10571820	SSF x Near_LoA	-7,932	-0,061	0,272
CHR6	10583264	CHR6:10583264	SSF x Near_LoA	-6,353	-0,126	0,296
CHR6	10583498	CHR6:10583498	SSF x Near_LoA	-1,951	0,216	0,275
CHR6	10589998	CHR6:10589998	SSF x Near_LoA	-9,999	-0,142	0,277
CHR6	10594053	CHR6:10594053	SSF x Near_LoA	-10,249	-0,034	0,290
CHR6	10594265	CHR6:10594265	SSF x Near_LoA	-7,800	-0,069	0,293
CHR6	10594334	CHR6:10594334	SSF x Near_LoA	-8,875	-0,160	0,283
CHR6	10611592	CHR6:10611592	SSF x Near_LoA	-8,207	0,096	0,277
CHR6	10611602	CHR6:10611602	SSF x Near_LoA	-9,230	-0,062	0,282
CHR6	10611607	CHR6:10611607	SSF x Near_LoA	-6,624	-0,104	0,287
CHR6	10611664	CHR6:10611664	SSF x Near_LoA	-9,467	0,018	0,292
CHR6	10611668	CHR6:10611668	SSF x Near_LoA	-10,293	-0,068	0,291
CHR6	10611691	CHR6:10611691	SSF x Near_LoA	-7,043	-0,032	0,297
CHR6	10611692	CHR6:10611692	SSF x Near_LoA	-7,164	-0,031	0,309
CHR6	10616912	CHR6:10616912	SSF x Near_LoA	-8,052	0,006	0,293
CHR6	10616921	CHR6:10616921	SSF x Near_LoA	-8,015	-0,108	0,275
CHR6	10616988	CHR6:10616988	SSF x Near_LoA	-9,282	0,076	0,265
CHR6	10617054	CHR6:10617054	SSF x Near_LoA	-8,735	-0,026	0,277
CHR6	10627850	CHR6:10627850	SSF x Near_LoA	-4,435	0,217	0,285
CHR6	10639119	CHR6:10639119	SSF x Near_LoA	-7,489	-0,012	0,290
CHR6	10639126	CHR6:10639126	SSF x Near_LoA	3,064	0,212	0,280
CHR6	10652272	CHR6:10652272	SSF x Near_LoA	-9,637	0,068	0,291
CHR6	10654214	CHR6:10654214	SSF x Near_LoA	-6,850	-0,130	0,288
CHR6	10654244	CHR6:10654244	SSF x Near_LoA	-7,657	-0,103	0,282
CHR6	10654393	CHR6:10654393	SSF x Near_LoA	-5,611	0,169	0,279
CHR6	10674962	CHR6:10674962	SSF x Near_LoA	-10,533	-0,015	0,286
CHR6	10675254	CHR6:10675254	SSF x Near_LoA	-7,525	-0,035	0,278
CHR6	10746112	CHR6:10746112	SSF x Near_LoA	-9,727	-0,050	0,301

CHR6	10758011	CHR6:10758011	SSF x Near_LoA	-10,439	0,095	0,279
CHR6	10763088	CHR6:10763088	SSF x Near_LoA	-4,362	0,118	0,285
CHR6	10763096	CHR6:10763096	SSF x Near_LoA	-8,578	0,043	0,281
CHR6	10763129	CHR6:10763129	SSF x Near_LoA	-7,558	0,018	0,284
CHR6	10765870	CHR6:10765870	SSF x Near_LoA	-6,656	0,152	0,278
CHR6	10772148	CHR6:10772148	SSF x Near_LoA	-9,573	0,034	0,287
CHR6	10772324	CHR6:10772324	SSF x Near_LoA	-6,899	-0,060	0,279
CHR6	1079258	CHR6:1079258	SSF x Near_LoA	-8,331	0,061	0,295
CHR6	1079287	CHR6:1079287	SSF x Near_LoA	-7,253	-0,015	0,294
CHR6	1079350	CHR6:1079350	SSF x Near_LoA	-8,150	0,023	0,287
CHR6	10796464	CHR6:10796464	SSF x Near_LoA	-8,594	-0,038	0,281
CHR6	10796566	CHR6:10796566	SSF x Near_LoA	-8,969	0,126	0,270
CHR6	10796588	CHR6:10796588	SSF x Near_LoA	-8,087	-0,022	0,296
CHR6	10796589	CHR6:10796589	SSF x Near_LoA	-6,835	0,044	0,285
CHR6	10806543	CHR6:10806543	SSF x Near_LoA	-7,173	0,041	0,294
CHR6	10806550	CHR6:10806550	SSF x Near_LoA	-6,518	-0,030	0,291
CHR6	10806572	CHR6:10806572	SSF x Near_LoA	-8,161	0,003	0,298
CHR6	10806574	CHR6:10806574	SSF x Near_LoA	-6,800	0,069	0,279
CHR6	10806611	CHR6:10806611	SSF x Near_LoA	-7,471	-0,075	0,286
CHR6	10806624	CHR6:10806624	SSF x Near_LoA	0,342	-0,052	0,274
CHR6	10806639	CHR6:10806639	SSF x Near_LoA	-7,461	-0,150	0,271
CHR6	10806647	CHR6:10806647	SSF x Near_LoA	-9,877	0,041	0,281
CHR6	10840837	CHR6:10840837	SSF x Near_LoA	-7,961	0,002	0,305
CHR6	10841005	CHR6:10841005	SSF x Near_LoA	-2,127	-0,195	0,265
CHR6	10841093	CHR6:10841093	SSF x Near_LoA	-8,451	0,159	0,296
CHR6	10841099	CHR6:10841099	SSF x Near_LoA	-7,999	0,023	0,281
CHR6	10850353	CHR6:10850353	SSF x Near_LoA	-4,666	0,243	0,268
CHR6	10851131	CHR6:10851131	SSF x Near_LoA	-7,996	0,123	0,279
CHR6	10853418	CHR6:10853418	SSF x Near_LoA	-7,628	-0,100	0,277
CHR6	10860664	CHR6:10860664	SSF x Near_LoA	-7,056	-0,134	0,274
CHR6	10860678	CHR6:10860678	SSF x Near_LoA	-7,285	0,017	0,289
CHR6	10860709	CHR6:10860709	SSF x Near_LoA	-8,713	0,003	0,298
CHR6	10866352	CHR6:10866352	SSF x Near_LoA	-7,952	0,025	0,276
CHR6	10866592	CHR6:10866592	SSF x Near_LoA	-8,269	0,104	0,270
CHR6	10866630	CHR6:10866630	SSF x Near_LoA	-10,113	-0,023	0,296
CHR6	10866678	CHR6:10866678	SSF x Near_LoA	-7,809	-0,207	0,274
CHR6	10875164	CHR6:10875164	SSF x Near_LoA	-7,849	0,097	0,256
CHR6	10875359	CHR6:10875359	SSF x Near_LoA	-9,846	-0,007	0,293
CHR6	10885632	CHR6:10885632	SSF x Near_LoA	-9,697	0,012	0,292
CHR6	10885840	CHR6:10885840	SSF x Near_LoA	-10,560	-0,061	0,276
CHR6	10885893	CHR6:10885893	SSF x Near_LoA	-7,071	0,128	0,287
CHR6	10885953	CHR6:10885953	SSF x Near_LoA	-6,402	0,001	0,288
CHR6	10890703	CHR6:10890703	SSF x Near_LoA	-6,062	0,096	0,282
CHR6	10890708	CHR6:10890708	SSF x Near_LoA	-8,255	-0,056	0,304
CHR6	10890729	CHR6:10890729	SSF x Near_LoA	-5,615	0,060	0,278
CHR6	10890852	CHR6:10890852	SSF x Near_LoA	-10,539	0,031	0,272
CHR6	10902071	CHR6:10902071	SSF x Near_LoA	-9,462	-0,002	0,272
CHR6	10902164	CHR6:10902164	SSF x Near_LoA	-9,657	-0,116	0,281
CHR6	10902331	CHR6:10902331	SSF x Near_LoA	-7,386	0,023	0,275
CHR6	10902336	CHR6:10902336	SSF x Near_LoA	-6,130	0,017	0,288
CHR6	10902364	CHR6:10902364	SSF x Near_LoA	-9,164	0,000	0,298
CHR6	10919917	CHR6:10919917	SSF x Near_LoA	-7,209	-0,087	0,292
CHR6	10934761	CHR6:10934761	SSF x Near_LoA	-3,576	-0,132	0,288

CHR6	10941455	CHR6:10941455	SSF x Near_LoA	-9,075	-0,029	0,282
CHR6	1095345	CHR6:1095345	SSF x Near_LoA	-9,954	-0,021	0,295
CHR6	1095435	CHR6:1095435	SSF x Near_LoA	-8,875	0,035	0,281
CHR6	10958671	CHR6:10958671	SSF x Near_LoA	-7,252	0,004	0,304
CHR6	10958803	CHR6:10958803	SSF x Near_LoA	-7,845	-0,008	0,294
CHR6	10963447	CHR6:10963447	SSF x Near_LoA	-7,714	-0,011	0,289
CHR6	10963632	CHR6:10963632	SSF x Near_LoA	-5,223	0,158	0,282
CHR6	10963652	CHR6:10963652	SSF x Near_LoA	-5,958	0,131	0,297
CHR6	10963666	CHR6:10963666	SSF x Near_LoA	-10,856	0,031	0,291
CHR6	10963730	CHR6:10963730	SSF x Near_LoA	-0,070	-0,202	0,272
CHR6	10963780	CHR6:10963780	SSF x Near_LoA	-10,201	-0,054	0,287
CHR6	1098149	CHR6:1098149	SSF x Near_LoA	-9,096	-0,051	0,286
CHR6	1098204	CHR6:1098204	SSF x Near_LoA	-10,970	0,020	0,285
CHR6	10986992	CHR6:10986992	SSF x Near_LoA	-6,300	0,156	0,275
CHR6	10987113	CHR6:10987113	SSF x Near_LoA	-5,221	0,076	0,292
CHR6	10996636	CHR6:10996636	SSF x Near_LoA	-7,846	-0,076	0,282
CHR6	10996647	CHR6:10996647	SSF x Near_LoA	-8,988	0,026	0,287
CHR6	10996692	CHR6:10996692	SSF x Near_LoA	-4,436	0,184	0,291
CHR6	10996693	CHR6:10996693	SSF x Near_LoA	-5,688	0,197	0,281
CHR6	11008874	CHR6:11008874	SSF x Near_LoA	-6,168	0,086	0,287
CHR6	11013508	CHR6:11013508	SSF x Near_LoA	-7,382	0,067	0,288
CHR6	11013589	CHR6:11013589	SSF x Near_LoA	-7,702	-0,096	0,279
CHR6	1101963	CHR6:1101963	SSF x Near_LoA	-4,709	0,207	0,278
CHR6	11020064	CHR6:11020064	SSF x Near_LoA	-8,986	-0,028	0,294
CHR6	11020119	CHR6:11020119	SSF x Near_LoA	-7,895	0,132	0,282
CHR6	1102034	CHR6:1102034	SSF x Near_LoA	-4,643	-0,205	0,279
CHR6	1102083	CHR6:1102083	SSF x Near_LoA	-6,145	-0,139	0,276
CHR6	1102092	CHR6:1102092	SSF x Near_LoA	-8,478	-0,042	0,296
CHR6	11047754	CHR6:11047754	SSF x Near_LoA	-8,360	0,045	0,284
CHR6	11047795	CHR6:11047795	SSF x Near_LoA	-8,136	-0,022	0,281
CHR6	11047832	CHR6:11047832	SSF x Near_LoA	-7,317	0,185	0,283
CHR6	11047896	CHR6:11047896	SSF x Near_LoA	-7,897	-0,007	0,290
CHR6	11047947	CHR6:11047947	SSF x Near_LoA	-7,574	0,034	0,293
CHR6	11047959	CHR6:11047959	SSF x Near_LoA	-7,615	0,085	0,319
CHR6	11047982	CHR6:11047982	SSF x Near_LoA	-8,301	0,078	0,293
CHR6	11047992	CHR6:11047992	SSF x Near_LoA	-8,380	0,042	0,294
CHR6	11061112	CHR6:11061112	SSF x Near_LoA	-9,784	0,002	0,288
CHR6	11061136	CHR6:11061136	SSF x Near_LoA	-10,350	0,066	0,272
CHR6	11061152	CHR6:11061152	SSF x Near_LoA	-7,857	-0,032	0,294
CHR6	11068491	CHR6:11068491	SSF x Near_LoA	-8,845	-0,064	0,291
CHR6	11113078	CHR6:11113078	SSF x Near_LoA	-7,310	0,079	0,293
CHR6	11113193	CHR6:11113193	SSF x Near_LoA	-7,667	-0,080	0,294
CHR6	11113320	CHR6:11113320	SSF x Near_LoA	-8,503	-0,037	0,293
CHR6	11121632	CHR6:11121632	SSF x Near_LoA	-7,037	0,118	0,288
CHR6	11121650	CHR6:11121650	SSF x Near_LoA	-6,296	0,143	0,276
CHR6	11121769	CHR6:11121769	SSF x Near_LoA	-5,093	0,156	0,287
CHR6	11121794	CHR6:11121794	SSF x Near_LoA	-7,655	-0,157	0,274
CHR6	11121818	CHR6:11121818	SSF x Near_LoA	-9,780	-0,022	0,289
CHR6	11121848	CHR6:11121848	SSF x Near_LoA	-4,889	-0,148	0,289
CHR6	11129130	CHR6:11129130	SSF x Near_LoA	-9,053	0,063	0,285
CHR6	11129225	CHR6:11129225	SSF x Near_LoA	-7,711	0,006	0,284
CHR6	11129280	CHR6:11129280	SSF x Near_LoA	-8,804	0,061	0,292
CHR6	11132058	CHR6:11132058	SSF x Near_LoA	-8,580	0,045	0,289

CHR6	11132064	CHR6:11132064	SSF x Near_LoA	-10,852	-0,044	0,287
CHR6	11143372	CHR6:11143372	SSF x Near_LoA	-8,605	0,004	0,288
CHR6	11143573	CHR6:11143573	SSF x Near_LoA	-9,120	0,019	0,268
CHR6	11170320	CHR6:11170320	SSF x Near_LoA	-6,692	0,113	0,286
CHR6	11171725	CHR6:11171725	SSF x Near_LoA	-5,909	-0,137	0,283
CHR6	11176206	CHR6:11176206	SSF x Near_LoA	-6,232	0,111	0,290
CHR6	11176236	CHR6:11176236	SSF x Near_LoA	-6,698	0,113	0,274
CHR6	11176240	CHR6:11176240	SSF x Near_LoA	-8,382	-0,085	0,269
CHR6	11178064	CHR6:11178064	SSF x Near_LoA	-8,534	-0,013	0,275
CHR6	11180937	CHR6:11180937	SSF x Near_LoA	-6,242	-0,002	0,296
CHR6	11181007	CHR6:11181007	SSF x Near_LoA	-8,206	0,005	0,289
CHR6	11185230	CHR6:11185230	SSF x Near_LoA	-10,147	-0,083	0,285
CHR6	11185343	CHR6:11185343	SSF x Near_LoA	-8,920	-0,062	0,281
CHR6	11185353	CHR6:11185353	SSF x Near_LoA	-8,231	-0,100	0,281
CHR6	11185379	CHR6:11185379	SSF x Near_LoA	-9,152	-0,045	0,294
CHR6	11188148	CHR6:11188148	SSF x Near_LoA	-8,242	0,064	0,274
CHR6	11192662	CHR6:11192662	SSF x Near_LoA	-10,562	0,021	0,291
CHR6	1126663	CHR6:1126663	SSF x Near_LoA	-7,024	0,035	0,291
CHR6	1126795	CHR6:1126795	SSF x Near_LoA	-6,480	-0,013	0,305
CHR6	1126854	CHR6:1126854	SSF x Near_LoA	-9,537	0,094	0,285
CHR6	1128226	CHR6:1128226	SSF x Near_LoA	-8,310	-0,145	0,288
CHR6	1128227	CHR6:1128227	SSF x Near_LoA	-8,612	-0,124	0,275
CHR6	1130538	CHR6:1130538	SSF x Near_LoA	-6,215	0,140	0,288
CHR6	1130639	CHR6:1130639	SSF x Near_LoA	-7,766	0,112	0,278
CHR6	1130799	CHR6:1130799	SSF x Near_LoA	-8,893	-0,040	0,299
CHR6	11320689	CHR6:11320689	SSF x Near_LoA	-9,231	0,091	0,287
CHR6	11320691	CHR6:11320691	SSF x Near_LoA	-8,454	0,159	0,280
CHR6	11324970	CHR6:11324970	SSF x Near_LoA	-2,265	0,114	0,289
CHR6	11332447	CHR6:11332447	SSF x Near_LoA	-2,987	-0,035	0,292
CHR6	11332487	CHR6:11332487	SSF x Near_LoA	-7,650	0,046	0,276
CHR6	11370567	CHR6:11370567	SSF x Near_LoA	-10,925	0,060	0,281
CHR6	11370736	CHR6:11370736	SSF x Near_LoA	-7,982	0,032	0,296
CHR6	11380885	CHR6:11380885	SSF x Near_LoA	-7,708	-0,040	0,296
CHR6	11380896	CHR6:11380896	SSF x Near_LoA	-9,946	0,117	0,287
CHR6	11380954	CHR6:11380954	SSF x Near_LoA	-9,065	-0,115	0,284
CHR6	11381029	CHR6:11381029	SSF x Near_LoA	-4,760	0,163	0,291
CHR6	11381066	CHR6:11381066	SSF x Near_LoA	-7,739	-0,124	0,275
CHR6	11381067	CHR6:11381067	SSF x Near_LoA	-8,220	-0,092	0,277
CHR6	11381068	CHR6:11381068	SSF x Near_LoA	-8,345	-0,103	0,291
CHR6	11381069	CHR6:11381069	SSF x Near_LoA	-6,505	-0,085	0,286
CHR6	11381078	CHR6:11381078	SSF x Near_LoA	-8,718	0,190	0,281
CHR6	11381088	CHR6:11381088	SSF x Near_LoA	-6,317	-0,205	0,275
CHR6	11381092	CHR6:11381092	SSF x Near_LoA	-4,480	-0,198	0,282
CHR6	11381104	CHR6:11381104	SSF x Near_LoA	-7,930	0,193	0,278
CHR6	11381152	CHR6:11381152	SSF x Near_LoA	-8,179	-0,007	0,293
CHR6	1138306	CHR6:1138306	SSF x Near_LoA	-5,341	-0,200	0,283
CHR6	1141153	CHR6:1141153	SSF x Near_LoA	-8,034	-0,037	0,287
CHR6	1141230	CHR6:1141230	SSF x Near_LoA	-8,971	0,071	0,300
CHR6	1141234	CHR6:1141234	SSF x Near_LoA	-8,183	-0,002	0,289
CHR6	1141252	CHR6:1141252	SSF x Near_LoA	-9,924	-0,138	0,284
CHR6	11447268	CHR6:11447268	SSF x Near_LoA	-8,638	-0,101	0,292
CHR6	11449530	CHR6:11449530	SSF x Near_LoA	-8,902	-0,029	0,288
CHR6	11449602	CHR6:11449602	SSF x Near_LoA	-8,420	-0,095	0,295

CHR6	11449686	CHR6:11449686	SSF x Near_LoA	-7,680	0,075	0,291
CHR6	11454962	CHR6:11454962	SSF x Near_LoA	-6,991	0,105	0,303
CHR6	11455002	CHR6:11455002	SSF x Near_LoA	-7,144	-0,033	0,286
CHR6	11462753	CHR6:11462753	SSF x Near_LoA	-6,279	-0,101	0,290
CHR6	11463096	CHR6:11463096	SSF x Near_LoA	-9,592	-0,060	0,280
CHR6	11468421	CHR6:11468421	SSF x Near_LoA	-9,939	0,120	0,284
CHR6	11468430	CHR6:11468430	SSF x Near_LoA	-6,668	0,128	0,287
CHR6	11468439	CHR6:11468439	SSF x Near_LoA	-9,259	0,084	0,284
CHR6	11471152	CHR6:11471152	SSF x Near_LoA	-3,763	-0,159	0,273
CHR6	11471254	CHR6:11471254	SSF x Near_LoA	-6,596	0,103	0,292
CHR6	11491667	CHR6:11491667	SSF x Near_LoA	2,379	0,323	0,251
CHR6	11498662	CHR6:11498662	SSF x Near_LoA	-7,679	0,077	0,291
CHR6	11505481	CHR6:11505481	SSF x Near_LoA	-8,669	-0,065	0,280
CHR6	11535026	CHR6:11535026	SSF x Near_LoA	-8,952	-0,149	0,275
CHR6	11537683	CHR6:11537683	SSF x Near_LoA	-8,162	-0,012	0,291
CHR6	11537773	CHR6:11537773	SSF x Near_LoA	-8,131	0,045	0,292
CHR6	11537929	CHR6:11537929	SSF x Near_LoA	-9,675	0,025	0,290
CHR6	11544194	CHR6:11544194	SSF x Near_LoA	-7,816	0,034	0,296
CHR6	1157850	CHR6:1157850	SSF x Near_LoA	-4,826	0,095	0,281
CHR6	1157954	CHR6:1157954	SSF x Near_LoA	-2,799	0,155	0,285
CHR6	11582240	CHR6:11582240	SSF x Near_LoA	-7,868	-0,067	0,284
CHR6	11582249	CHR6:11582249	SSF x Near_LoA	-6,841	0,030	0,283
CHR6	11583085	CHR6:11583085	SSF x Near_LoA	-11,117	0,012	0,287
CHR6	11585807	CHR6:11585807	SSF x Near_LoA	-7,760	-0,092	0,284
CHR6	11590485	CHR6:11590485	SSF x Near_LoA	-5,066	-0,147	0,272
CHR6	11590513	CHR6:11590513	SSF x Near_LoA	-10,706	0,003	0,281
CHR6	11590530	CHR6:11590530	SSF x Near_LoA	-4,980	-0,166	0,288
CHR6	11590543	CHR6:11590543	SSF x Near_LoA	-5,188	-0,178	0,286
CHR6	11590562	CHR6:11590562	SSF x Near_LoA	-7,743	-0,171	0,278
CHR6	11597386	CHR6:11597386	SSF x Near_LoA	-3,863	0,219	0,266
CHR6	11597584	CHR6:11597584	SSF x Near_LoA	-7,090	-0,086	0,276
CHR6	11600784	CHR6:11600784	SSF x Near_LoA	-10,065	-0,045	0,285
CHR6	11600811	CHR6:11600811	SSF x Near_LoA	-7,089	0,136	0,287
CHR6	11601717	CHR6:11601717	SSF x Near_LoA	-10,303	0,059	0,286
CHR6	11601738	CHR6:11601738	SSF x Near_LoA	-7,764	0,040	0,287
CHR6	11618505	CHR6:11618505	SSF x Near_LoA	-6,799	-0,040	0,294
CHR6	11618536	CHR6:11618536	SSF x Near_LoA	-7,096	-0,138	0,277
CHR6	11618705	CHR6:11618705	SSF x Near_LoA	-7,255	0,086	0,299
CHR6	11621434	CHR6:11621434	SSF x Near_LoA	-7,401	-0,120	0,279
CHR6	11621437	CHR6:11621437	SSF x Near_LoA	-8,131	-0,011	0,293
CHR6	11621536	CHR6:11621536	SSF x Near_LoA	-3,749	-0,207	0,274
CHR6	11621551	CHR6:11621551	SSF x Near_LoA	-8,310	-0,049	0,285
CHR6	11654990	CHR6:11654990	SSF x Near_LoA	-9,138	-0,048	0,296
CHR6	11655186	CHR6:11655186	SSF x Near_LoA	-8,646	-0,003	0,263
CHR6	1166712	CHR6:1166712	SSF x Near_LoA	-6,934	-0,084	0,292
CHR6	1166862	CHR6:1166862	SSF x Near_LoA	-8,213	-0,080	0,281
CHR6	1166911	CHR6:1166911	SSF x Near_LoA	-7,262	-0,105	0,294
CHR6	1166916	CHR6:1166916	SSF x Near_LoA	-6,447	0,123	0,280
CHR6	1166947	CHR6:1166947	SSF x Near_LoA	-1,641	-0,148	0,271
CHR6	11676787	CHR6:11676787	SSF x Near_LoA	-2,499	0,247	0,254
CHR6	11676840	CHR6:11676840	SSF x Near_LoA	-10,562	-0,073	0,279
CHR6	11676849	CHR6:11676849	SSF x Near_LoA	-8,227	-0,052	0,291
CHR6	11679208	CHR6:11679208	SSF x Near_LoA	-9,106	-0,076	0,281

CHR6	11679402	CHR6:11679402	SSF x Near_LoA	-7,118	0,126	0,290
CHR6	11680261	CHR6:11680261	SSF x Near_LoA	-4,548	-0,077	0,297
CHR6	11680275	CHR6:11680275	SSF x Near_LoA	-5,223	-0,064	0,290
CHR6	11680332	CHR6:11680332	SSF x Near_LoA	-10,340	0,035	0,297
CHR6	11708069	CHR6:11708069	SSF x Near_LoA	-6,081	-0,124	0,290
CHR6	11708088	CHR6:11708088	SSF x Near_LoA	-6,200	0,131	0,297
CHR6	11720389	CHR6:11720389	SSF x Near_LoA	-7,439	-0,150	0,280
CHR6	11720406	CHR6:11720406	SSF x Near_LoA	-7,060	-0,104	0,290
CHR6	11720438	CHR6:11720438	SSF x Near_LoA	-6,844	0,115	0,286
CHR6	11720443	CHR6:11720443	SSF x Near_LoA	-7,272	0,188	0,270
CHR6	11720503	CHR6:11720503	SSF x Near_LoA	-8,978	-0,113	0,280
CHR6	11724629	CHR6:11724629	SSF x Near_LoA	-5,437	0,145	0,267
CHR6	11724732	CHR6:11724732	SSF x Near_LoA	-8,602	-0,073	0,295
CHR6	11725917	CHR6:11725917	SSF x Near_LoA	-9,638	0,056	0,282
CHR6	11725985	CHR6:11725985	SSF x Near_LoA	-8,406	-0,016	0,278
CHR6	11728392	CHR6:11728392	SSF x Near_LoA	-9,567	-0,017	0,280
CHR6	11728821	CHR6:11728821	SSF x Near_LoA	-10,051	0,000	0,297
CHR6	11743061	CHR6:11743061	SSF x Near_LoA	-8,925	-0,126	0,288
CHR6	11743074	CHR6:11743074	SSF x Near_LoA	-8,194	-0,004	0,294
CHR6	11743139	CHR6:11743139	SSF x Near_LoA	-8,225	-0,168	0,285
CHR6	11749161	CHR6:11749161	SSF x Near_LoA	4,161	0,142	0,280
CHR6	11749455	CHR6:11749455	SSF x Near_LoA	-6,843	0,031	0,276
CHR6	11749476	CHR6:11749476	SSF x Near_LoA	-7,714	-0,005	0,270
CHR6	11749477	CHR6:11749477	SSF x Near_LoA	-7,237	0,014	0,279
CHR6	11759138	CHR6:11759138	SSF x Near_LoA	-6,713	0,077	0,279
CHR6	11759170	CHR6:11759170	SSF x Near_LoA	-3,693	-0,127	0,284
CHR6	11759196	CHR6:11759196	SSF x Near_LoA	-8,590	-0,088	0,298
CHR6	11759235	CHR6:11759235	SSF x Near_LoA	-9,926	0,015	0,294
CHR6	11759241	CHR6:11759241	SSF x Near_LoA	-8,633	-0,049	0,295
CHR6	11759254	CHR6:11759254	SSF x Near_LoA	-10,614	0,053	0,289
CHR6	11759277	CHR6:11759277	SSF x Near_LoA	-7,154	-0,098	0,271
CHR6	11759293	CHR6:11759293	SSF x Near_LoA	-9,161	-0,020	0,284
CHR6	11759379	CHR6:11759379	SSF x Near_LoA	-9,382	0,004	0,298
CHR6	11764717	CHR6:11764717	SSF x Near_LoA	-10,220	0,072	0,286
CHR6	11764773	CHR6:11764773	SSF x Near_LoA	-9,770	0,035	0,281
CHR6	11777050	CHR6:11777050	SSF x Near_LoA	-6,088	0,216	0,272
CHR6	11792273	CHR6:11792273	SSF x Near_LoA	-7,650	0,087	0,279
CHR6	11792506	CHR6:11792506	SSF x Near_LoA	-3,000	-0,123	0,284
CHR6	11809239	CHR6:11809239	SSF x Near_LoA	-8,027	-0,033	0,293
CHR6	11816550	CHR6:11816550	SSF x Near_LoA	-7,505	0,072	0,273
CHR6	11820114	CHR6:11820114	SSF x Near_LoA	-6,381	-0,146	0,273
CHR6	11820365	CHR6:11820365	SSF x Near_LoA	-4,745	-0,078	0,304
CHR6	11822704	CHR6:11822704	SSF x Near_LoA	-10,054	0,071	0,275
CHR6	11822742	CHR6:11822742	SSF x Near_LoA	-9,084	-0,021	0,294
CHR6	11822834	CHR6:11822834	SSF x Near_LoA	-8,139	-0,076	0,281
CHR6	11822989	CHR6:11822989	SSF x Near_LoA	-8,297	-0,053	0,301
CHR6	11846696	CHR6:11846696	SSF x Near_LoA	-7,218	-0,015	0,297
CHR6	11846724	CHR6:11846724	SSF x Near_LoA	-7,327	-0,007	0,270
CHR6	11846736	CHR6:11846736	SSF x Near_LoA	-9,511	-0,048	0,296
CHR6	11846747	CHR6:11846747	SSF x Near_LoA	-8,655	-0,042	0,290
CHR6	11846760	CHR6:11846760	SSF x Near_LoA	-6,806	0,117	0,285
CHR6	11848469	CHR6:11848469	SSF x Near_LoA	-8,659	0,006	0,281
CHR6	11848545	CHR6:11848545	SSF x Near_LoA	-9,986	0,058	0,282

CHR6	11848709	CHR6:11848709	SSF x Near_LoA	-7,591	0,093	0,283
CHR6	11848739	CHR6:11848739	SSF x Near_LoA	-6,937	0,133	0,288
CHR6	11854623	CHR6:11854623	SSF x Near_LoA	-9,841	-0,008	0,272
CHR6	11855061	CHR6:11855061	SSF x Near_LoA	-3,986	-0,114	0,282
CHR6	11857812	CHR6:11857812	SSF x Near_LoA	-7,849	-0,014	0,290
CHR6	11858025	CHR6:11858025	SSF x Near_LoA	-9,581	-0,026	0,284
CHR6	11871159	CHR6:11871159	SSF x Near_LoA	-6,378	0,108	0,300
CHR6	11876109	CHR6:11876109	SSF x Near_LoA	-7,894	0,045	0,282
CHR6	11876225	CHR6:11876225	SSF x Near_LoA	-9,835	-0,029	0,285
CHR6	11881017	CHR6:11881017	SSF x Near_LoA	-7,446	0,048	0,286
CHR6	11881071	CHR6:11881071	SSF x Near_LoA	-8,405	-0,075	0,296
CHR6	11900998	CHR6:11900998	SSF x Near_LoA	-9,638	-0,002	0,302
CHR6	11901169	CHR6:11901169	SSF x Near_LoA	-4,965	-0,040	0,291
CHR6	11901175	CHR6:11901175	SSF x Near_LoA	-10,377	0,055	0,284
CHR6	11919728	CHR6:11919728	SSF x Near_LoA	-3,026	-0,204	0,273
CHR6	11919965	CHR6:11919965	SSF x Near_LoA	-5,945	0,039	0,290
CHR6	11919971	CHR6:11919971	SSF x Near_LoA	-5,106	0,157	0,274
CHR6	11920057	CHR6:11920057	SSF x Near_LoA	-7,586	0,094	0,282
CHR6	11932341	CHR6:11932341	SSF x Near_LoA	-10,183	0,070	0,266
CHR6	11932837	CHR6:11932837	SSF x Near_LoA	-10,486	-0,007	0,285
CHR6	11936418	CHR6:11936418	SSF x Near_LoA	-8,174	0,057	0,278
CHR6	11936518	CHR6:11936518	SSF x Near_LoA	-11,219	-0,015	0,290
CHR6	11936556	CHR6:11936556	SSF x Near_LoA	-5,582	0,160	0,284
CHR6	11968177	CHR6:11968177	SSF x Near_LoA	-8,434	0,097	0,268
CHR6	11968179	CHR6:11968179	SSF x Near_LoA	-4,121	0,219	0,271
CHR6	11968198	CHR6:11968198	SSF x Near_LoA	-7,365	0,157	0,269
CHR6	11968240	CHR6:11968240	SSF x Near_LoA	-5,337	-0,139	0,280
CHR6	1197544	CHR6:1197544	SSF x Near_LoA	-5,510	-0,147	0,287
CHR6	1197599	CHR6:1197599	SSF x Near_LoA	-6,950	0,105	0,273
CHR6	1197842	CHR6:1197842	SSF x Near_LoA	-6,589	0,072	0,282
CHR6	11984909	CHR6:11984909	SSF x Near_LoA	-8,582	0,024	0,282
CHR6	11984940	CHR6:11984940	SSF x Near_LoA	-10,232	-0,019	0,286
CHR6	12012897	CHR6:12012897	SSF x Near_LoA	-8,602	-0,044	0,284
CHR6	12025778	CHR6:12025778	SSF x Near_LoA	-7,775	-0,108	0,281
CHR6	12027698	CHR6:12027698	SSF x Near_LoA	-5,922	-0,169	0,290
CHR6	12027738	CHR6:12027738	SSF x Near_LoA	-9,214	-0,005	0,313
CHR6	12027744	CHR6:12027744	SSF x Near_LoA	-6,790	0,134	0,267
CHR6	12027762	CHR6:12027762	SSF x Near_LoA	-7,312	0,065	0,282
CHR6	12027912	CHR6:12027912	SSF x Near_LoA	-8,945	-0,147	0,287
CHR6	12027928	CHR6:12027928	SSF x Near_LoA	-8,702	0,008	0,296
CHR6	12032091	CHR6:12032091	SSF x Near_LoA	-9,082	-0,039	0,286
CHR6	12032095	CHR6:12032095	SSF x Near_LoA	-8,583	0,150	0,278
CHR6	12041815	CHR6:12041815	SSF x Near_LoA	-6,825	0,098	0,273
CHR6	12041834	CHR6:12041834	SSF x Near_LoA	-6,791	0,106	0,284
CHR6	12056313	CHR6:12056313	SSF x Near_LoA	-5,564	0,038	0,290
CHR6	12069012	CHR6:12069012	SSF x Near_LoA	-7,661	0,043	0,290
CHR6	12069225	CHR6:12069225	SSF x Near_LoA	-8,930	0,089	0,288
CHR6	12069351	CHR6:12069351	SSF x Near_LoA	-1,768	-0,120	0,270
CHR6	12075448	CHR6:12075448	SSF x Near_LoA	-3,714	0,138	0,292
CHR6	12075594	CHR6:12075594	SSF x Near_LoA	-6,711	-0,189	0,284
CHR6	12075674	CHR6:12075674	SSF x Near_LoA	-6,545	-0,081	0,298
CHR6	1209001	CHR6:1209001	SSF x Near_LoA	-7,434	-0,057	0,293
CHR6	1209009	CHR6:1209009	SSF x Near_LoA	8,718	-0,198	0,283

CHR6	1209081	CHR6:1209081	SSF x Near_LoA	-8,979	-0,006	0,284
CHR6	12091401	CHR6:12091401	SSF x Near_LoA	-6,645	0,116	0,277
CHR6	12091455	CHR6:12091455	SSF x Near_LoA	-4,574	-0,013	0,309
CHR6	12091589	CHR6:12091589	SSF x Near_LoA	-7,655	-0,002	0,284
CHR6	1219028	CHR6:1219028	SSF x Near_LoA	-8,462	-0,055	0,270
CHR6	12229786	CHR6:12229786	SSF x Near_LoA	-6,763	0,142	0,277
CHR6	12229876	CHR6:12229876	SSF x Near_LoA	-7,688	-0,099	0,264
CHR6	12229881	CHR6:12229881	SSF x Near_LoA	-6,007	0,170	0,267
CHR6	12229894	CHR6:12229894	SSF x Near_LoA	-4,046	0,202	0,260
CHR6	12229925	CHR6:12229925	SSF x Near_LoA	-7,997	0,105	0,284
CHR6	12229982	CHR6:12229982	SSF x Near_LoA	-7,534	-0,052	0,289
CHR6	12229990	CHR6:12229990	SSF x Near_LoA	-8,603	0,119	0,286
CHR6	12254330	CHR6:12254330	SSF x Near_LoA	-7,762	-0,003	0,299
CHR6	12254337	CHR6:12254337	SSF x Near_LoA	-9,740	-0,036	0,288
CHR6	12254384	CHR6:12254384	SSF x Near_LoA	-7,140	-0,056	0,280
CHR6	12260236	CHR6:12260236	SSF x Near_LoA	-3,100	-0,134	0,297
CHR6	12287579	CHR6:12287579	SSF x Near_LoA	-8,298	-0,010	0,294
CHR6	12287613	CHR6:12287613	SSF x Near_LoA	-8,705	-0,032	0,299
CHR6	12287642	CHR6:12287642	SSF x Near_LoA	-10,082	-0,024	0,286
CHR6	12287717	CHR6:12287717	SSF x Near_LoA	-8,998	0,056	0,283
CHR6	12287722	CHR6:12287722	SSF x Near_LoA	-9,127	-0,127	0,276
CHR6	12287762	CHR6:12287762	SSF x Near_LoA	-8,794	-0,054	0,290
CHR6	12287790	CHR6:12287790	SSF x Near_LoA	-9,336	0,070	0,286
CHR6	1232489	CHR6:1232489	SSF x Near_LoA	-7,926	-0,005	0,282
CHR6	1232551	CHR6:1232551	SSF x Near_LoA	-7,417	0,018	0,296
CHR6	1232619	CHR6:1232619	SSF x Near_LoA	-7,883	0,057	0,280
CHR6	12328489	CHR6:12328489	SSF x Near_LoA	-6,393	-0,067	0,293
CHR6	12328502	CHR6:12328502	SSF x Near_LoA	-5,722	-0,059	0,283
CHR6	12328738	CHR6:12328738	SSF x Near_LoA	-9,071	-0,020	0,295
CHR6	12333916	CHR6:12333916	SSF x Near_LoA	-4,369	-0,238	0,261
CHR6	12333995	CHR6:12333995	SSF x Near_LoA	-9,535	-0,081	0,272
CHR6	12334051	CHR6:12334051	SSF x Near_LoA	-9,866	-0,018	0,293
CHR6	12335915	CHR6:12335915	SSF x Near_LoA	-11,033	0,033	0,273
CHR6	12336192	CHR6:12336192	SSF x Near_LoA	-5,712	0,009	0,289
CHR6	12343654	CHR6:12343654	SSF x Near_LoA	-9,381	0,032	0,284
CHR6	12363377	CHR6:12363377	SSF x Near_LoA	-6,456	-0,053	0,298
CHR6	12363817	CHR6:12363817	SSF x Near_LoA	-9,668	-0,098	0,283
CHR6	12369605	CHR6:12369605	SSF x Near_LoA	-5,020	0,085	0,291
CHR6	12369613	CHR6:12369613	SSF x Near_LoA	-7,422	0,007	0,288
CHR6	12369638	CHR6:12369638	SSF x Near_LoA	-6,499	0,115	0,269
CHR6	12376918	CHR6:12376918	SSF x Near_LoA	-8,798	-0,068	0,284
CHR6	12377027	CHR6:12377027	SSF x Near_LoA	-9,465	-0,015	0,294
CHR6	12377266	CHR6:12377266	SSF x Near_LoA	-7,085	-0,083	0,287
CHR6	12392897	CHR6:12392897	SSF x Near_LoA	-7,427	-0,047	0,296
CHR6	12392899	CHR6:12392899	SSF x Near_LoA	-10,942	0,011	0,280
CHR6	12398969	CHR6:12398969	SSF x Near_LoA	-5,525	-0,089	0,290
CHR6	12399035	CHR6:12399035	SSF x Near_LoA	-8,687	-0,026	0,290
CHR6	12399986	CHR6:12399986	SSF x Near_LoA	-7,657	0,084	0,287
CHR6	12400023	CHR6:12400023	SSF x Near_LoA	-6,239	0,112	0,293
CHR6	12400051	CHR6:12400051	SSF x Near_LoA	-9,330	-0,021	0,286
CHR6	12403557	CHR6:12403557	SSF x Near_LoA	-9,023	-0,062	0,282
CHR6	12403760	CHR6:12403760	SSF x Near_LoA	-8,005	-0,073	0,295
CHR6	12420291	CHR6:12420291	SSF x Near_LoA	-9,192	0,049	0,278

CHR6	12420341	CHR6:12420341	SSF x Near_LoA	-7,546	0,005	0,296
CHR6	12420393	CHR6:12420393	SSF x Near_LoA	-8,049	0,086	0,284
CHR6	12420415	CHR6:12420415	SSF x Near_LoA	-8,337	0,069	0,298
CHR6	12420479	CHR6:12420479	SSF x Near_LoA	-8,699	-0,096	0,282
CHR6	12420490	CHR6:12420490	SSF x Near_LoA	-7,390	0,048	0,289
CHR6	12423259	CHR6:12423259	SSF x Near_LoA	-8,159	-0,041	0,289
CHR6	12423319	CHR6:12423319	SSF x Near_LoA	-7,654	0,000	0,274
CHR6	12423320	CHR6:12423320	SSF x Near_LoA	-8,209	-0,014	0,269
CHR6	12423331	CHR6:12423331	SSF x Near_LoA	-6,204	-0,015	0,291
CHR6	12423657	CHR6:12423657	SSF x Near_LoA	-10,011	0,045	0,297
CHR6	12427412	CHR6:12427412	SSF x Near_LoA	-7,877	0,047	0,290
CHR6	12427418	CHR6:12427418	SSF x Near_LoA	-9,344	0,003	0,301
CHR6	12427456	CHR6:12427456	SSF x Near_LoA	-7,549	0,013	0,284
CHR6	12427500	CHR6:12427500	SSF x Near_LoA	-8,022	-0,007	0,276
CHR6	12427534	CHR6:12427534	SSF x Near_LoA	-7,599	-0,016	0,292
CHR6	1245531	CHR6:1245531	SSF x Near_LoA	-7,578	0,167	0,285
CHR6	12471141	CHR6:12471141	SSF x Near_LoA	-8,318	0,089	0,293
CHR6	12471153	CHR6:12471153	SSF x Near_LoA	-8,640	0,059	0,295
CHR6	12472524	CHR6:12472524	SSF x Near_LoA	-6,020	0,006	0,298
CHR6	12472575	CHR6:12472575	SSF x Near_LoA	-8,591	-0,041	0,278
CHR6	12484099	CHR6:12484099	SSF x Near_LoA	-10,378	-0,010	0,289
CHR6	12503534	CHR6:12503534	SSF x Near_LoA	-8,978	-0,105	0,298
CHR6	12513998	CHR6:12513998	SSF x Near_LoA	-10,595	0,059	0,283
CHR6	12514003	CHR6:12514003	SSF x Near_LoA	-8,360	-0,070	0,274
CHR6	12514068	CHR6:12514068	SSF x Near_LoA	-7,920	-0,100	0,272
CHR6	12514096	CHR6:12514096	SSF x Near_LoA	-6,495	-0,102	0,278
CHR6	12514462	CHR6:12514462	SSF x Near_LoA	-8,304	-0,106	0,280
CHR6	12514604	CHR6:12514604	SSF x Near_LoA	-10,103	0,094	0,290
CHR6	12518727	CHR6:12518727	SSF x Near_LoA	-10,089	-0,034	0,279
CHR6	12518735	CHR6:12518735	SSF x Near_LoA	-10,423	0,016	0,288
CHR6	12518964	CHR6:12518964	SSF x Near_LoA	-9,819	-0,044	0,295
CHR6	12541599	CHR6:12541599	SSF x Near_LoA	-7,903	-0,075	0,290
CHR6	12541647	CHR6:12541647	SSF x Near_LoA	-9,996	-0,037	0,290
CHR6	12541677	CHR6:12541677	SSF x Near_LoA	-9,212	-0,099	0,281
CHR6	12541760	CHR6:12541760	SSF x Near_LoA	-6,577	0,018	0,295
CHR6	12542984	CHR6:12542984	SSF x Near_LoA	-10,476	-0,038	0,287
CHR6	12543265	CHR6:12543265	SSF x Near_LoA	-7,823	-0,001	0,277
CHR6	12547409	CHR6:12547409	SSF x Near_LoA	-8,474	0,044	0,279
CHR6	12562562	CHR6:12562562	SSF x Near_LoA	-9,365	0,130	0,287
CHR6	12562647	CHR6:12562647	SSF x Near_LoA	-5,727	-0,139	0,271
CHR6	12564409	CHR6:12564409	SSF x Near_LoA	-8,887	0,012	0,298
CHR6	12564436	CHR6:12564436	SSF x Near_LoA	-7,607	-0,060	0,291
CHR6	12564452	CHR6:12564452	SSF x Near_LoA	-9,483	-0,017	0,278
CHR6	12579776	CHR6:12579776	SSF x Near_LoA	-9,785	-0,005	0,269
CHR6	12579811	CHR6:12579811	SSF x Near_LoA	-7,028	0,047	0,295
CHR6	12579835	CHR6:12579835	SSF x Near_LoA	-9,284	0,045	0,279
CHR6	12580059	CHR6:12580059	SSF x Near_LoA	-10,703	0,047	0,290
CHR6	1259010	CHR6:1259010	SSF x Near_LoA	-10,243	0,075	0,264
CHR6	1259320	CHR6:1259320	SSF x Near_LoA	-5,597	0,046	0,286
CHR6	1259324	CHR6:1259324	SSF x Near_LoA	-7,474	0,058	0,283
CHR6	12601349	CHR6:12601349	SSF x Near_LoA	-8,954	-0,171	0,271
CHR6	12601479	CHR6:12601479	SSF x Near_LoA	-8,516	0,057	0,292
CHR6	12601530	CHR6:12601530	SSF x Near_LoA	1,161	0,073	0,301

CHR6	12601531	CHR6:12601531	SSF x Near_LoA	-7,804	0,021	0,282
CHR6	12601536	CHR6:12601536	SSF x Near_LoA	-9,122	-0,090	0,288
CHR6	12601550	CHR6:12601550	SSF x Near_LoA	-6,397	0,136	0,288
CHR6	12604624	CHR6:12604624	SSF x Near_LoA	-11,348	-0,013	0,279
CHR6	12604750	CHR6:12604750	SSF x Near_LoA	-7,731	0,080	0,291
CHR6	12604815	CHR6:12604815	SSF x Near_LoA	-10,054	0,088	0,276
CHR6	12604817	CHR6:12604817	SSF x Near_LoA	-6,587	0,079	0,288
CHR6	12604826	CHR6:12604826	SSF x Near_LoA	-7,612	0,140	0,277
CHR6	12616528	CHR6:12616528	SSF x Near_LoA	-10,209	-0,001	0,284
CHR6	12618511	CHR6:12618511	SSF x Near_LoA	-9,525	0,029	0,271
CHR6	12618608	CHR6:12618608	SSF x Near_LoA	-8,099	-0,013	0,292
CHR6	12618609	CHR6:12618609	SSF x Near_LoA	-7,486	0,031	0,297
CHR6	12626838	CHR6:12626838	SSF x Near_LoA	-7,403	-0,050	0,276
CHR6	12626910	CHR6:12626910	SSF x Near_LoA	-5,140	0,081	0,297
CHR6	12626913	CHR6:12626913	SSF x Near_LoA	-8,402	0,090	0,288
CHR6	12626918	CHR6:12626918	SSF x Near_LoA	-6,182	0,110	0,297
CHR6	12626955	CHR6:12626955	SSF x Near_LoA	-7,597	0,085	0,291
CHR6	12643105	CHR6:12643105	SSF x Near_LoA	-9,524	-0,033	0,287
CHR6	12659868	CHR6:12659868	SSF x Near_LoA	-5,266	-0,150	0,283
CHR6	12663374	CHR6:12663374	SSF x Near_LoA	-8,412	0,056	0,265
CHR6	12663388	CHR6:12663388	SSF x Near_LoA	-7,211	0,115	0,264
CHR6	12671974	CHR6:12671974	SSF x Near_LoA	-10,100	0,036	0,279
CHR6	12699311	CHR6:12699311	SSF x Near_LoA	-7,757	-0,116	0,293
CHR6	12699426	CHR6:12699426	SSF x Near_LoA	-5,293	-0,236	0,271
CHR6	12699473	CHR6:12699473	SSF x Near_LoA	-8,997	-0,062	0,283
CHR6	12699602	CHR6:12699602	SSF x Near_LoA	-5,792	-0,122	0,287
CHR6	12710843	CHR6:12710843	SSF x Near_LoA	-7,125	0,070	0,292
CHR6	12710939	CHR6:12710939	SSF x Near_LoA	-6,350	0,177	0,271
CHR6	12710951	CHR6:12710951	SSF x Near_LoA	-7,617	0,067	0,300
CHR6	12711029	CHR6:12711029	SSF x Near_LoA	-2,336	0,139	0,288
CHR6	12711109	CHR6:12711109	SSF x Near_LoA	-6,562	0,119	0,287
CHR6	12714306	CHR6:12714306	SSF x Near_LoA	-0,305	-0,179	0,275
CHR6	12714314	CHR6:12714314	SSF x Near_LoA	-9,504	0,033	0,292
CHR6	12714426	CHR6:12714426	SSF x Near_LoA	-9,575	-0,042	0,298
CHR6	12719499	CHR6:12719499	SSF x Near_LoA	-10,157	0,062	0,283
CHR6	12752723	CHR6:12752723	SSF x Near_LoA	-8,536	0,039	0,283
CHR6	12752886	CHR6:12752886	SSF x Near_LoA	-5,493	-0,193	0,271
CHR6	12764692	CHR6:12764692	SSF x Near_LoA	-8,270	-0,143	0,283
CHR6	12765729	CHR6:12765729	SSF x Near_LoA	-9,053	0,106	0,275
CHR6	12772421	CHR6:12772421	SSF x Near_LoA	-9,513	-0,037	0,293
CHR6	12772496	CHR6:12772496	SSF x Near_LoA	-5,378	-0,088	0,302
CHR6	12776925	CHR6:12776925	SSF x Near_LoA	-5,512	-0,183	0,273
CHR6	12785008	CHR6:12785008	SSF x Near_LoA	-5,602	0,249	0,273
CHR6	12795100	CHR6:12795100	SSF x Near_LoA	-5,337	0,037	0,294
CHR6	12795138	CHR6:12795138	SSF x Near_LoA	-10,068	0,082	0,276
CHR6	12795139	CHR6:12795139	SSF x Near_LoA	-8,576	-0,004	0,275
CHR6	12808995	CHR6:12808995	SSF x Near_LoA	-7,004	0,135	0,291
CHR6	12809033	CHR6:12809033	SSF x Near_LoA	-7,669	-0,158	0,266
CHR6	12809040	CHR6:12809040	SSF x Near_LoA	-8,776	-0,003	0,288
CHR6	12809098	CHR6:12809098	SSF x Near_LoA	-6,746	0,192	0,279
CHR6	12817243	CHR6:12817243	SSF x Near_LoA	-6,007	-0,151	0,285
CHR6	12817376	CHR6:12817376	SSF x Near_LoA	-7,340	-0,034	0,283
CHR6	12817382	CHR6:12817382	SSF x Near_LoA	-7,651	-0,059	0,291

CHR6	12817634	CHR6:12817634	SSF x Near_LoA	-10,507	-0,008	0,285
CHR6	12817653	CHR6:12817653	SSF x Near_LoA	-8,801	0,008	0,287
CHR6	12831770	CHR6:12831770	SSF x Near_LoA	0,137	0,284	0,265
CHR6	12831872	CHR6:12831872	SSF x Near_LoA	-9,959	-0,003	0,287
CHR6	12832106	CHR6:12832106	SSF x Near_LoA	-5,377	0,015	0,273
CHR6	12832112	CHR6:12832112	SSF x Near_LoA	-6,530	0,130	0,294
CHR6	12832119	CHR6:12832119	SSF x Near_LoA	-9,720	0,042	0,286
CHR6	12832140	CHR6:12832140	SSF x Near_LoA	-7,438	0,116	0,292
CHR6	1286535	CHR6:1286535	SSF x Near_LoA	-9,131	-0,114	0,288
CHR6	12887413	CHR6:12887413	SSF x Near_LoA	-8,359	-0,046	0,294
CHR6	12887749	CHR6:12887749	SSF x Near_LoA	-9,533	0,036	0,298
CHR6	12887782	CHR6:12887782	SSF x Near_LoA	-8,773	0,042	0,286
CHR6	1289026	CHR6:1289026	SSF x Near_LoA	-3,519	-0,265	0,254
CHR6	1289253	CHR6:1289253	SSF x Near_LoA	-9,125	-0,057	0,285
CHR6	1289290	CHR6:1289290	SSF x Near_LoA	-10,895	0,042	0,288
CHR6	12892995	CHR6:12892995	SSF x Near_LoA	-5,344	0,152	0,270
CHR6	12893068	CHR6:12893068	SSF x Near_LoA	-9,940	-0,012	0,290
CHR6	12893100	CHR6:12893100	SSF x Near_LoA	-9,461	0,005	0,307
CHR6	12893124	CHR6:12893124	SSF x Near_LoA	-1,944	0,048	0,291
CHR6	1289339	CHR6:1289339	SSF x Near_LoA	-4,393	-0,190	0,270
CHR6	1289342	CHR6:1289342	SSF x Near_LoA	-4,706	-0,086	0,278
CHR6	12894293	CHR6:12894293	SSF x Near_LoA	-9,918	0,070	0,279
CHR6	12894296	CHR6:12894296	SSF x Near_LoA	-7,890	-0,076	0,275
CHR6	12894314	CHR6:12894314	SSF x Near_LoA	-6,815	0,078	0,275
CHR6	12894362	CHR6:12894362	SSF x Near_LoA	-9,782	0,032	0,286
CHR6	12894386	CHR6:12894386	SSF x Near_LoA	-6,959	0,036	0,291
CHR6	12901592	CHR6:12901592	SSF x Near_LoA	-4,884	0,125	0,290
CHR6	12906677	CHR6:12906677	SSF x Near_LoA	-9,617	-0,076	0,283
CHR6	12906715	CHR6:12906715	SSF x Near_LoA	-7,505	0,107	0,292
CHR6	12910222	CHR6:12910222	SSF x Near_LoA	-10,196	0,055	0,281
CHR6	12910261	CHR6:12910261	SSF x Near_LoA	-9,838	0,051	0,284
CHR6	12923742	CHR6:12923742	SSF x Near_LoA	-9,441	-0,040	0,296
CHR6	12923773	CHR6:12923773	SSF x Near_LoA	-7,922	0,149	0,295
CHR6	12923835	CHR6:12923835	SSF x Near_LoA	-6,465	0,185	0,274
CHR6	12923925	CHR6:12923925	SSF x Near_LoA	13,814	0,022	0,307
CHR6	12923942	CHR6:12923942	SSF x Near_LoA	-5,355	0,032	0,299
CHR6	12954984	CHR6:12954984	SSF x Near_LoA	-3,533	-0,247	0,273
CHR6	12954998	CHR6:12954998	SSF x Near_LoA	-7,633	0,070	0,279
CHR6	12955011	CHR6:12955011	SSF x Near_LoA	11,236	-0,107	0,288
CHR6	12955076	CHR6:12955076	SSF x Near_LoA	-6,326	-0,104	0,289
CHR6	12962080	CHR6:12962080	SSF x Near_LoA	-7,838	-0,021	0,295
CHR6	12968155	CHR6:12968155	SSF x Near_LoA	-9,541	0,043	0,294
CHR6	12968225	CHR6:12968225	SSF x Near_LoA	-5,291	-0,169	0,294
CHR6	12968253	CHR6:12968253	SSF x Near_LoA	-7,573	-0,049	0,285
CHR6	12968290	CHR6:12968290	SSF x Near_LoA	-4,387	0,160	0,291
CHR6	12968325	CHR6:12968325	SSF x Near_LoA	-9,303	0,039	0,299
CHR6	12972920	CHR6:12972920	SSF x Near_LoA	-10,235	-0,003	0,292
CHR6	12972967	CHR6:12972967	SSF x Near_LoA	-7,050	-0,006	0,270
CHR6	12983656	CHR6:12983656	SSF x Near_LoA	-6,080	-0,168	0,286
CHR6	12985472	CHR6:12985472	SSF x Near_LoA	-8,749	-0,080	0,286
CHR6	12985570	CHR6:12985570	SSF x Near_LoA	-8,713	0,148	0,275
CHR6	12985666	CHR6:12985666	SSF x Near_LoA	-10,252	-0,077	0,288
CHR6	12992998	CHR6:12992998	SSF x Near_LoA	-8,433	0,052	0,300

CHR6	12992999	CHR6:12992999	SSF x Near_LoA	-7,579	0,024	0,299
CHR6	12993036	CHR6:12993036	SSF x Near_LoA	-6,883	-0,073	0,296
CHR6	12993140	CHR6:12993140	SSF x Near_LoA	-9,138	0,113	0,280
CHR6	12997878	CHR6:12997878	SSF x Near_LoA	-9,995	0,018	0,286
CHR6	13012514	CHR6:13012514	SSF x Near_LoA	-10,214	0,010	0,292
CHR6	13012577	CHR6:13012577	SSF x Near_LoA	-8,915	-0,057	0,279
CHR6	13013033	CHR6:13013033	SSF x Near_LoA	-8,420	-0,156	0,270
CHR6	13019551	CHR6:13019551	SSF x Near_LoA	-7,903	0,082	0,293
CHR6	13019559	CHR6:13019559	SSF x Near_LoA	-8,299	0,084	0,285
CHR6	13019627	CHR6:13019627	SSF x Near_LoA	-8,657	0,047	0,292
CHR6	13019648	CHR6:13019648	SSF x Near_LoA	-7,389	0,107	0,276
CHR6	13024390	CHR6:13024390	SSF x Near_LoA	-8,501	-0,070	0,280
CHR6	13024448	CHR6:13024448	SSF x Near_LoA	-9,219	-0,015	0,279
CHR6	13029750	CHR6:13029750	SSF x Near_LoA	-6,124	-0,156	0,283
CHR6	13031087	CHR6:13031087	SSF x Near_LoA	-7,183	-0,066	0,289
CHR6	13031141	CHR6:13031141	SSF x Near_LoA	-10,516	-0,060	0,288
CHR6	13031166	CHR6:13031166	SSF x Near_LoA	-6,536	-0,131	0,283
CHR6	13031192	CHR6:13031192	SSF x Near_LoA	-10,067	0,057	0,285
CHR6	13042951	CHR6:13042951	SSF x Near_LoA	-9,560	0,034	0,285
CHR6	13043046	CHR6:13043046	SSF x Near_LoA	-9,718	0,128	0,277
CHR6	13047644	CHR6:13047644	SSF x Near_LoA	-8,686	-0,022	0,278
CHR6	13056779	CHR6:13056779	SSF x Near_LoA	-9,175	0,052	0,287
CHR6	13058247	CHR6:13058247	SSF x Near_LoA	-0,733	-0,036	0,282
CHR6	13061181	CHR6:13061181	SSF x Near_LoA	-9,629	0,030	0,297
CHR6	13061479	CHR6:13061479	SSF x Near_LoA	-7,465	0,121	0,293
CHR6	1307230	CHR6:1307230	SSF x Near_LoA	-7,731	0,071	0,280
CHR6	13076643	CHR6:13076643	SSF x Near_LoA	0,588	0,216	0,288
CHR6	13084277	CHR6:13084277	SSF x Near_LoA	-7,077	0,109	0,287
CHR6	13084323	CHR6:13084323	SSF x Near_LoA	-8,554	-0,130	0,273
CHR6	13084358	CHR6:13084358	SSF x Near_LoA	-7,522	0,064	0,286
CHR6	13084384	CHR6:13084384	SSF x Near_LoA	-6,811	0,061	0,281
CHR6	13095752	CHR6:13095752	SSF x Near_LoA	-7,911	-0,035	0,303
CHR6	13095816	CHR6:13095816	SSF x Near_LoA	-7,959	0,011	0,280
CHR6	13095968	CHR6:13095968	SSF x Near_LoA	-9,964	0,100	0,288
CHR6	13104443	CHR6:13104443	SSF x Near_LoA	-3,813	-0,265	0,271
CHR6	13104483	CHR6:13104483	SSF x Near_LoA	-7,414	-0,166	0,292
CHR6	13104484	CHR6:13104484	SSF x Near_LoA	0,216	-0,239	0,264
CHR6	13104517	CHR6:13104517	SSF x Near_LoA	-4,914	-0,227	0,276
CHR6	13104661	CHR6:13104661	SSF x Near_LoA	-9,208	0,026	0,289
CHR6	13122516	CHR6:13122516	SSF x Near_LoA	-4,157	-0,203	0,283
CHR6	13122563	CHR6:13122563	SSF x Near_LoA	-7,776	-0,090	0,303
CHR6	13127185	CHR6:13127185	SSF x Near_LoA	-8,683	-0,050	0,278
CHR6	13127305	CHR6:13127305	SSF x Near_LoA	-9,413	-0,059	0,283
CHR6	13127429	CHR6:13127429	SSF x Near_LoA	-8,761	0,105	0,278
CHR6	13128520	CHR6:13128520	SSF x Near_LoA	-1,525	0,223	0,282
CHR6	13128634	CHR6:13128634	SSF x Near_LoA	-9,401	-0,009	0,285
CHR6	13128643	CHR6:13128643	SSF x Near_LoA	-6,879	0,161	0,287
CHR6	13128713	CHR6:13128713	SSF x Near_LoA	-3,950	0,172	0,281
CHR6	13134763	CHR6:13134763	SSF x Near_LoA	-9,413	0,102	0,299
CHR6	13134819	CHR6:13134819	SSF x Near_LoA	-8,138	0,075	0,288
CHR6	13134863	CHR6:13134863	SSF x Near_LoA	-7,297	0,005	0,285
CHR6	13134879	CHR6:13134879	SSF x Near_LoA	-10,042	0,089	0,281
CHR6	13134927	CHR6:13134927	SSF x Near_LoA	-7,942	0,128	0,282

CHR6	13134985	CHR6:13134985	SSF x Near_LoA	-7,495	0,004	0,289
CHR6	13135049	CHR6:13135049	SSF x Near_LoA	-7,294	0,145	0,286
CHR6	13146600	CHR6:13146600	SSF x Near_LoA	-8,341	-0,016	0,294
CHR6	13146621	CHR6:13146621	SSF x Near_LoA	-9,673	0,039	0,278
CHR6	1315893	CHR6:1315893	SSF x Near_LoA	-8,588	-0,011	0,294
CHR6	1316071	CHR6:1316071	SSF x Near_LoA	-7,860	-0,048	0,293
CHR6	13171585	CHR6:13171585	SSF x Near_LoA	-9,091	-0,006	0,293
CHR6	13171606	CHR6:13171606	SSF x Near_LoA	-2,566	-0,217	0,286
CHR6	13171608	CHR6:13171608	SSF x Near_LoA	-5,651	-0,203	0,277
CHR6	13171609	CHR6:13171609	SSF x Near_LoA	-2,645	-0,210	0,268
CHR6	13187969	CHR6:13187969	SSF x Near_LoA	-2,277	-0,252	0,257
CHR6	13187998	CHR6:13187998	SSF x Near_LoA	-6,409	-0,215	0,260
CHR6	13188147	CHR6:13188147	SSF x Near_LoA	-7,134	-0,147	0,287
CHR6	13188174	CHR6:13188174	SSF x Near_LoA	-8,934	-0,133	0,281
CHR6	13190665	CHR6:13190665	SSF x Near_LoA	-8,357	-0,114	0,293
CHR6	13190704	CHR6:13190704	SSF x Near_LoA	-8,917	0,100	0,290
CHR6	13190954	CHR6:13190954	SSF x Near_LoA	-9,047	0,099	0,285
CHR6	13203879	CHR6:13203879	SSF x Near_LoA	-9,375	-0,039	0,292
CHR6	13203942	CHR6:13203942	SSF x Near_LoA	-6,636	0,193	0,284
CHR6	13204018	CHR6:13204018	SSF x Near_LoA	-7,042	0,033	0,275
CHR6	13204049	CHR6:13204049	SSF x Near_LoA	-5,515	-0,123	0,298
CHR6	13204069	CHR6:13204069	SSF x Near_LoA	-2,598	0,209	0,279
CHR6	13204108	CHR6:13204108	SSF x Near_LoA	-8,514	-0,068	0,280
CHR6	13228882	CHR6:13228882	SSF x Near_LoA	-8,937	-0,011	0,283
CHR6	13228948	CHR6:13228948	SSF x Near_LoA	-7,812	0,098	0,284
CHR6	13230837	CHR6:13230837	SSF x Near_LoA	-8,761	0,043	0,281
CHR6	13258108	CHR6:13258108	SSF x Near_LoA	-9,103	-0,062	0,285
CHR6	13258248	CHR6:13258248	SSF x Near_LoA	-9,102	0,076	0,287
CHR6	13260656	CHR6:13260656	SSF x Near_LoA	-5,611	-0,127	0,281
CHR6	13260783	CHR6:13260783	SSF x Near_LoA	-8,163	-0,053	0,288
CHR6	13260920	CHR6:13260920	SSF x Near_LoA	-10,230	-0,028	0,286
CHR6	13260936	CHR6:13260936	SSF x Near_LoA	-9,704	-0,061	0,278
CHR6	13272777	CHR6:13272777	SSF x Near_LoA	-6,334	-0,050	0,292
CHR6	13272781	CHR6:13272781	SSF x Near_LoA	-8,489	0,077	0,286
CHR6	13272897	CHR6:13272897	SSF x Near_LoA	-6,966	-0,171	0,269
CHR6	13274495	CHR6:13274495	SSF x Near_LoA	-9,391	-0,011	0,288
CHR6	13296596	CHR6:13296596	SSF x Near_LoA	-8,157	-0,012	0,297
CHR6	13296610	CHR6:13296610	SSF x Near_LoA	-10,227	0,046	0,282
CHR6	13296612	CHR6:13296612	SSF x Near_LoA	-10,068	0,037	0,291
CHR6	13340323	CHR6:13340323	SSF x Near_LoA	-9,674	0,000	0,300
CHR6	13340503	CHR6:13340503	SSF x Near_LoA	-10,455	-0,083	0,283
CHR6	13345932	CHR6:13345932	SSF x Near_LoA	-8,180	-0,098	0,286
CHR6	13348391	CHR6:13348391	SSF x Near_LoA	-7,405	-0,036	0,292
CHR6	13348430	CHR6:13348430	SSF x Near_LoA	-10,125	-0,010	0,284
CHR6	13348450	CHR6:13348450	SSF x Near_LoA	-7,327	-0,008	0,286
CHR6	13348462	CHR6:13348462	SSF x Near_LoA	-3,210	-0,204	0,272
CHR6	13363008	CHR6:13363008	SSF x Near_LoA	-7,670	0,119	0,281
CHR6	13363011	CHR6:13363011	SSF x Near_LoA	-7,577	0,063	0,286
CHR6	13363082	CHR6:13363082	SSF x Near_LoA	-9,872	0,018	0,291
CHR6	13400712	CHR6:13400712	SSF x Near_LoA	-9,100	0,088	0,293
CHR6	13425530	CHR6:13425530	SSF x Near_LoA	-4,058	0,217	0,283
CHR6	13425708	CHR6:13425708	SSF x Near_LoA	-7,890	-0,038	0,288
CHR6	13425762	CHR6:13425762	SSF x Near_LoA	-8,081	-0,122	0,302

CHR6	13433942	CHR6:13433942	SSF x Near_LoA	-8,548	-0,017	0,309
CHR6	13434043	CHR6:13434043	SSF x Near_LoA	-9,017	0,024	0,288
CHR6	13434046	CHR6:13434046	SSF x Near_LoA	-1,398	0,037	0,289
CHR6	13434079	CHR6:13434079	SSF x Near_LoA	-10,042	0,099	0,275
CHR6	13434128	CHR6:13434128	SSF x Near_LoA	-5,483	0,110	0,305
CHR6	13434194	CHR6:13434194	SSF x Near_LoA	-5,798	-0,125	0,294
CHR6	1343835	CHR6:1343835	SSF x Near_LoA	-6,132	0,117	0,285
CHR6	1344181	CHR6:1344181	SSF x Near_LoA	-7,122	-0,021	0,286
CHR6	1344194	CHR6:1344194	SSF x Near_LoA	-9,458	0,111	0,265
CHR6	13472964	CHR6:13472964	SSF x Near_LoA	-7,229	-0,056	0,287
CHR6	13489690	CHR6:13489690	SSF x Near_LoA	-10,255	-0,063	0,283
CHR6	13508515	CHR6:13508515	SSF x Near_LoA	-9,345	0,067	0,295
CHR6	13522116	CHR6:13522116	SSF x Near_LoA	-6,067	-0,036	0,303
CHR6	13522158	CHR6:13522158	SSF x Near_LoA	-8,091	0,012	0,287
CHR6	13522163	CHR6:13522163	SSF x Near_LoA	-8,860	-0,052	0,298
CHR6	13522213	CHR6:13522213	SSF x Near_LoA	-7,911	0,062	0,284
CHR6	13522279	CHR6:13522279	SSF x Near_LoA	-8,797	-0,086	0,286
CHR6	13532438	CHR6:13532438	SSF x Near_LoA	-9,314	-0,021	0,292
CHR6	13532446	CHR6:13532446	SSF x Near_LoA	-6,110	-0,006	0,290
CHR6	13532480	CHR6:13532480	SSF x Near_LoA	-6,609	-0,031	0,289
CHR6	13532534	CHR6:13532534	SSF x Near_LoA	-9,326	-0,139	0,273
CHR6	13532682	CHR6:13532682	SSF x Near_LoA	-6,492	-0,129	0,297
CHR6	13536340	CHR6:13536340	SSF x Near_LoA	3,782	-0,220	0,285
CHR6	13536576	CHR6:13536576	SSF x Near_LoA	-6,588	0,159	0,271
CHR6	13536589	CHR6:13536589	SSF x Near_LoA	-9,458	0,033	0,280
CHR6	1353825	CHR6:1353825	SSF x Near_LoA	-5,209	0,211	0,277
CHR6	1353840	CHR6:1353840	SSF x Near_LoA	-5,942	-0,105	0,284
CHR6	1353955	CHR6:1353955	SSF x Near_LoA	-7,476	-0,090	0,302
CHR6	1354586	CHR6:1354586	SSF x Near_LoA	-6,636	-0,133	0,271
CHR6	13546919	CHR6:13546919	SSF x Near_LoA	-8,082	0,010	0,279
CHR6	13546977	CHR6:13546977	SSF x Near_LoA	-9,221	-0,065	0,288
CHR6	13547213	CHR6:13547213	SSF x Near_LoA	-9,870	0,048	0,296
CHR6	13547235	CHR6:13547235	SSF x Near_LoA	-7,032	0,030	0,304
CHR6	13574440	CHR6:13574440	SSF x Near_LoA	-10,964	0,057	0,269
CHR6	13581257	CHR6:13581257	SSF x Near_LoA	-8,256	-0,054	0,275
CHR6	13581277	CHR6:13581277	SSF x Near_LoA	-8,099	-0,040	0,283
CHR6	13581287	CHR6:13581287	SSF x Near_LoA	-5,365	0,037	0,274
CHR6	13581312	CHR6:13581312	SSF x Near_LoA	-10,992	0,063	0,280
CHR6	13581346	CHR6:13581346	SSF x Near_LoA	-6,164	0,157	0,275
CHR6	13587342	CHR6:13587342	SSF x Near_LoA	-7,930	0,030	0,283
CHR6	13587402	CHR6:13587402	SSF x Near_LoA	-7,101	0,090	0,271
CHR6	13601560	CHR6:13601560	SSF x Near_LoA	-8,047	-0,081	0,287
CHR6	13606948	CHR6:13606948	SSF x Near_LoA	-9,466	-0,088	0,281
CHR6	13606988	CHR6:13606988	SSF x Near_LoA	-6,994	-0,049	0,274
CHR6	13606996	CHR6:13606996	SSF x Near_LoA	-3,747	-0,132	0,271
CHR6	13607091	CHR6:13607091	SSF x Near_LoA	-7,824	-0,024	0,303
CHR6	13607134	CHR6:13607134	SSF x Near_LoA	-9,286	0,130	0,270
CHR6	13607151	CHR6:13607151	SSF x Near_LoA	-9,204	0,016	0,293
CHR6	13607162	CHR6:13607162	SSF x Near_LoA	-4,164	0,192	0,270
CHR6	13631943	CHR6:13631943	SSF x Near_LoA	-9,593	-0,003	0,269
CHR6	13631956	CHR6:13631956	SSF x Near_LoA	-10,724	-0,030	0,280
CHR6	13631978	CHR6:13631978	SSF x Near_LoA	-8,085	-0,035	0,278
CHR6	13632116	CHR6:13632116	SSF x Near_LoA	-10,038	-0,084	0,282

CHR6	13635101	CHR6:13635101	SSF x Near_LoA	-5,646	-0,129	0,283
CHR6	13635153	CHR6:13635153	SSF x Near_LoA	-6,801	0,119	0,286
CHR6	13635189	CHR6:13635189	SSF x Near_LoA	-8,126	0,105	0,284
CHR6	13635265	CHR6:13635265	SSF x Near_LoA	-7,118	0,062	0,296
CHR6	13635304	CHR6:13635304	SSF x Near_LoA	-6,230	0,091	0,275
CHR6	13644123	CHR6:13644123	SSF x Near_LoA	-7,584	-0,142	0,278
CHR6	13644248	CHR6:13644248	SSF x Near_LoA	-8,580	-0,028	0,291
CHR6	13644258	CHR6:13644258	SSF x Near_LoA	-7,077	-0,083	0,288
CHR6	13644281	CHR6:13644281	SSF x Near_LoA	-6,122	-0,228	0,280
CHR6	13662307	CHR6:13662307	SSF x Near_LoA	-3,140	0,229	0,277
CHR6	13662434	CHR6:13662434	SSF x Near_LoA	-6,754	-0,135	0,289
CHR6	13662552	CHR6:13662552	SSF x Near_LoA	-9,949	-0,010	0,301
CHR6	13688546	CHR6:13688546	SSF x Near_LoA	-7,892	-0,033	0,295
CHR6	13690410	CHR6:13690410	SSF x Near_LoA	-8,622	0,054	0,302
CHR6	13690487	CHR6:13690487	SSF x Near_LoA	-4,455	0,116	0,289
CHR6	13690517	CHR6:13690517	SSF x Near_LoA	-9,532	-0,049	0,276
CHR6	13690649	CHR6:13690649	SSF x Near_LoA	-8,480	-0,036	0,282
CHR6	13690683	CHR6:13690683	SSF x Near_LoA	-4,373	0,225	0,272
CHR6	13690688	CHR6:13690688	SSF x Near_LoA	-8,245	-0,044	0,282
CHR6	13690692	CHR6:13690692	SSF x Near_LoA	-7,306	-0,015	0,292
CHR6	13690708	CHR6:13690708	SSF x Near_LoA	-4,177	-0,124	0,280
CHR6	13706884	CHR6:13706884	SSF x Near_LoA	-7,056	0,107	0,297
CHR6	13706910	CHR6:13706910	SSF x Near_LoA	-6,802	-0,133	0,287
CHR6	13706987	CHR6:13706987	SSF x Near_LoA	-6,065	0,133	0,280
CHR6	13707073	CHR6:13707073	SSF x Near_LoA	-7,296	-0,134	0,292
CHR6	13719798	CHR6:13719798	SSF x Near_LoA	-10,234	-0,079	0,274
CHR6	13719840	CHR6:13719840	SSF x Near_LoA	-7,420	0,060	0,273
CHR6	13719901	CHR6:13719901	SSF x Near_LoA	-7,003	-0,049	0,287
CHR6	13736436	CHR6:13736436	SSF x Near_LoA	-9,693	-0,001	0,282
CHR6	13736558	CHR6:13736558	SSF x Near_LoA	-7,751	-0,115	0,281
CHR6	13737750	CHR6:13737750	SSF x Near_LoA	-10,916	0,058	0,282
CHR6	13746940	CHR6:13746940	SSF x Near_LoA	-10,004	-0,024	0,295
CHR6	13746978	CHR6:13746978	SSF x Near_LoA	-6,506	-0,134	0,295
CHR6	13747072	CHR6:13747072	SSF x Near_LoA	-8,527	-0,126	0,282
CHR6	13767179	CHR6:13767179	SSF x Near_LoA	-6,611	0,073	0,306
CHR6	13778412	CHR6:13778412	SSF x Near_LoA	-8,147	-0,038	0,288
CHR6	13783557	CHR6:13783557	SSF x Near_LoA	-6,602	-0,130	0,274
CHR6	13801730	CHR6:13801730	SSF x Near_LoA	-0,646	-0,180	0,276
CHR6	13801819	CHR6:13801819	SSF x Near_LoA	-5,288	-0,145	0,291
CHR6	13801877	CHR6:13801877	SSF x Near_LoA	-7,168	-0,141	0,276
CHR6	13813519	CHR6:13813519	SSF x Near_LoA	-7,675	0,060	0,287
CHR6	13813585	CHR6:13813585	SSF x Near_LoA	-10,488	0,072	0,289
CHR6	13829963	CHR6:13829963	SSF x Near_LoA	-11,283	-0,019	0,271
CHR6	13830692	CHR6:13830692	SSF x Near_LoA	-8,116	0,111	0,284
CHR6	13830702	CHR6:13830702	SSF x Near_LoA	-9,513	-0,022	0,290
CHR6	13830707	CHR6:13830707	SSF x Near_LoA	-9,277	-0,013	0,297
CHR6	13830794	CHR6:13830794	SSF x Near_LoA	-9,755	-0,078	0,293
CHR6	1383497	CHR6:1383497	SSF x Near_LoA	-6,697	-0,221	0,274
CHR6	13835945	CHR6:13835945	SSF x Near_LoA	-7,197	0,086	0,276
CHR6	13835961	CHR6:13835961	SSF x Near_LoA	-5,769	0,148	0,274
CHR6	13836160	CHR6:13836160	SSF x Near_LoA	-7,615	-0,097	0,274
CHR6	13837556	CHR6:13837556	SSF x Near_LoA	-7,862	-0,010	0,299
CHR6	13837603	CHR6:13837603	SSF x Near_LoA	-10,069	-0,044	0,285

CHR6	13837613	CHR6:13837613	SSF x Near_LoA	-8,622	0,073	0,284
CHR6	13837709	CHR6:13837709	SSF x Near_LoA	-6,748	0,148	0,277
CHR6	13859735	CHR6:13859735	SSF x Near_LoA	-7,368	-0,014	0,283
CHR6	13859869	CHR6:13859869	SSF x Near_LoA	-8,387	-0,146	0,282
CHR6	13859957	CHR6:13859957	SSF x Near_LoA	-8,352	0,105	0,295
CHR6	13860039	CHR6:13860039	SSF x Near_LoA	-10,838	-0,002	0,270
CHR6	13860044	CHR6:13860044	SSF x Near_LoA	-8,582	0,056	0,301
CHR6	13866590	CHR6:13866590	SSF x Near_LoA	-8,555	0,039	0,282
CHR6	13866678	CHR6:13866678	SSF x Near_LoA	-8,746	-0,099	0,289
CHR6	13866695	CHR6:13866695	SSF x Near_LoA	1,298	-0,136	0,268
CHR6	13866759	CHR6:13866759	SSF x Near_LoA	-8,406	-0,030	0,297
CHR6	13866870	CHR6:13866870	SSF x Near_LoA	-8,632	-0,037	0,291
CHR6	13886596	CHR6:13886596	SSF x Near_LoA	-6,077	-0,084	0,302
CHR6	13886604	CHR6:13886604	SSF x Near_LoA	-5,255	-0,156	0,283
CHR6	13889514	CHR6:13889514	SSF x Near_LoA	7,327	0,174	0,258
CHR6	13889642	CHR6:13889642	SSF x Near_LoA	-7,705	0,089	0,280
CHR6	13889648	CHR6:13889648	SSF x Near_LoA	-7,568	0,094	0,286
CHR6	13889652	CHR6:13889652	SSF x Near_LoA	-10,453	-0,053	0,290
CHR6	13889769	CHR6:13889769	SSF x Near_LoA	-8,208	0,046	0,287
CHR6	13905157	CHR6:13905157	SSF x Near_LoA	-5,203	0,174	0,281
CHR6	13905164	CHR6:13905164	SSF x Near_LoA	-7,367	-0,030	0,287
CHR6	13905218	CHR6:13905218	SSF x Near_LoA	-5,048	0,217	0,270
CHR6	13905270	CHR6:13905270	SSF x Near_LoA	-7,991	0,047	0,283
CHR6	13905271	CHR6:13905271	SSF x Near_LoA	-9,838	0,082	0,291
CHR6	13915817	CHR6:13915817	SSF x Near_LoA	-7,631	0,005	0,296
CHR6	13915977	CHR6:13915977	SSF x Near_LoA	-7,988	-0,113	0,290
CHR6	13916017	CHR6:13916017	SSF x Near_LoA	-10,228	-0,020	0,282
CHR6	13920753	CHR6:13920753	SSF x Near_LoA	-9,330	-0,115	0,275
CHR6	13920940	CHR6:13920940	SSF x Near_LoA	-6,394	-0,215	0,275
CHR6	13921002	CHR6:13921002	SSF x Near_LoA	-5,913	0,168	0,273
CHR6	13921014	CHR6:13921014	SSF x Near_LoA	-10,677	-0,092	0,287
CHR6	13934992	CHR6:13934992	SSF x Near_LoA	-9,864	0,035	0,279
CHR6	13943842	CHR6:13943842	SSF x Near_LoA	-9,144	-0,028	0,285
CHR6	13958363	CHR6:13958363	SSF x Near_LoA	-6,495	-0,166	0,276
CHR6	13958377	CHR6:13958377	SSF x Near_LoA	-9,113	0,057	0,287
CHR6	13958425	CHR6:13958425	SSF x Near_LoA	-10,412	0,090	0,275
CHR6	13958476	CHR6:13958476	SSF x Near_LoA	-9,445	-0,090	0,287
CHR6	13958716	CHR6:13958716	SSF x Near_LoA	-8,514	-0,041	0,286
CHR6	13962963	CHR6:13962963	SSF x Near_LoA	-6,079	-0,110	0,289
CHR6	13963034	CHR6:13963034	SSF x Near_LoA	-7,246	-0,055	0,302
CHR6	13967429	CHR6:13967429	SSF x Near_LoA	-1,756	-0,098	0,287
CHR6	13967602	CHR6:13967602	SSF x Near_LoA	-4,201	-0,170	0,291
CHR6	13971688	CHR6:13971688	SSF x Near_LoA	-7,669	0,000	0,284
CHR6	13973080	CHR6:13973080	SSF x Near_LoA	-7,269	-0,115	0,289
CHR6	13978432	CHR6:13978432	SSF x Near_LoA	-8,587	-0,094	0,256
CHR6	13986010	CHR6:13986010	SSF x Near_LoA	-6,131	0,132	0,274
CHR6	14021571	CHR6:14021571	SSF x Near_LoA	-8,956	-0,063	0,283
CHR6	14021641	CHR6:14021641	SSF x Near_LoA	-6,563	0,116	0,272
CHR6	14021681	CHR6:14021681	SSF x Near_LoA	-5,294	-0,143	0,287
CHR6	14021700	CHR6:14021700	SSF x Near_LoA	-8,720	-0,067	0,287
CHR6	14032373	CHR6:14032373	SSF x Near_LoA	-7,768	0,089	0,280
CHR6	14036633	CHR6:14036633	SSF x Near_LoA	-2,717	0,203	0,261
CHR6	14041951	CHR6:14041951	SSF x Near_LoA	-9,092	0,006	0,301

CHR6	14042097	CHR6:14042097	SSF x Near_LoA	-0,102	0,214	0,273
CHR6	14045289	CHR6:14045289	SSF x Near_LoA	-5,884	0,133	0,273
CHR6	14045312	CHR6:14045312	SSF x Near_LoA	-7,179	0,106	0,267
CHR6	14045433	CHR6:14045433	SSF x Near_LoA	-9,758	0,024	0,287
CHR6	14046228	CHR6:14046228	SSF x Near_LoA	6,467	0,272	0,265
CHR6	14046328	CHR6:14046328	SSF x Near_LoA	-5,389	-0,091	0,285
CHR6	14046689	CHR6:14046689	SSF x Near_LoA	-5,681	-0,065	0,293
CHR6	14049706	CHR6:14049706	SSF x Near_LoA	-7,762	0,012	0,275
CHR6	14049738	CHR6:14049738	SSF x Near_LoA	3,400	-0,190	0,268
CHR6	14049740	CHR6:14049740	SSF x Near_LoA	-10,550	0,100	0,283
CHR6	14049860	CHR6:14049860	SSF x Near_LoA	-0,534	-0,278	0,258
CHR6	14080564	CHR6:14080564	SSF x Near_LoA	-6,052	-0,079	0,282
CHR6	14080609	CHR6:14080609	SSF x Near_LoA	-7,340	0,000	0,290
CHR6	14084018	CHR6:14084018	SSF x Near_LoA	-8,744	0,016	0,289
CHR6	14099186	CHR6:14099186	SSF x Near_LoA	-9,463	0,137	0,287
CHR6	14099349	CHR6:14099349	SSF x Near_LoA	-8,298	0,038	0,276
CHR6	14108351	CHR6:14108351	SSF x Near_LoA	-7,938	0,083	0,279
CHR6	14108498	CHR6:14108498	SSF x Near_LoA	-8,407	0,053	0,299
CHR6	14134522	CHR6:14134522	SSF x Near_LoA	-8,059	-0,097	0,284
CHR6	14134584	CHR6:14134584	SSF x Near_LoA	-8,343	-0,151	0,279
CHR6	14134715	CHR6:14134715	SSF x Near_LoA	-8,163	0,060	0,284
CHR6	14146836	CHR6:14146836	SSF x Near_LoA	-10,189	0,021	0,289
CHR6	14146868	CHR6:14146868	SSF x Near_LoA	-10,181	-0,012	0,287
CHR6	14149443	CHR6:14149443	SSF x Near_LoA	-5,681	-0,113	0,278
CHR6	14151284	CHR6:14151284	SSF x Near_LoA	-9,355	-0,057	0,296
CHR6	14151298	CHR6:14151298	SSF x Near_LoA	-8,487	0,010	0,288
CHR6	14151351	CHR6:14151351	SSF x Near_LoA	-6,668	-0,019	0,282
CHR6	14151413	CHR6:14151413	SSF x Near_LoA	-9,630	-0,007	0,300
CHR6	14164982	CHR6:14164982	SSF x Near_LoA	-10,091	-0,030	0,290
CHR6	14168373	CHR6:14168373	SSF x Near_LoA	-9,649	-0,130	0,282
CHR6	14169981	CHR6:14169981	SSF x Near_LoA	-5,842	-0,103	0,271
CHR6	14179157	CHR6:14179157	SSF x Near_LoA	-8,480	0,049	0,293
CHR6	14190631	CHR6:14190631	SSF x Near_LoA	4,669	0,211	0,275
CHR6	14190660	CHR6:14190660	SSF x Near_LoA	-9,042	-0,140	0,278
CHR6	14190775	CHR6:14190775	SSF x Near_LoA	-5,651	0,183	0,281
CHR6	14190776	CHR6:14190776	SSF x Near_LoA	-5,313	-0,169	0,284
CHR6	14201388	CHR6:14201388	SSF x Near_LoA	-5,766	0,008	0,288
CHR6	14206573	CHR6:14206573	SSF x Near_LoA	-6,049	-0,218	0,276
CHR6	14206594	CHR6:14206594	SSF x Near_LoA	-10,126	0,007	0,269
CHR6	14215828	CHR6:14215828	SSF x Near_LoA	-8,715	0,030	0,299
CHR6	14217368	CHR6:14217368	SSF x Near_LoA	-10,342	0,043	0,283
CHR6	14217379	CHR6:14217379	SSF x Near_LoA	-4,324	-0,163	0,271
CHR6	14220710	CHR6:14220710	SSF x Near_LoA	-6,106	0,167	0,277
CHR6	14220722	CHR6:14220722	SSF x Near_LoA	-4,376	0,187	0,279
CHR6	14220727	CHR6:14220727	SSF x Near_LoA	-9,956	-0,068	0,288
CHR6	14220827	CHR6:14220827	SSF x Near_LoA	-8,293	0,049	0,267
CHR6	14233944	CHR6:14233944	SSF x Near_LoA	-7,519	0,054	0,277
CHR6	14234045	CHR6:14234045	SSF x Near_LoA	-4,947	-0,252	0,268
CHR6	14234047	CHR6:14234047	SSF x Near_LoA	-7,780	0,087	0,268
CHR6	14234123	CHR6:14234123	SSF x Near_LoA	-6,698	0,089	0,268
CHR6	14238140	CHR6:14238140	SSF x Near_LoA	-4,873	0,142	0,283
CHR6	14238203	CHR6:14238203	SSF x Near_LoA	-4,160	0,161	0,285
CHR6	14238229	CHR6:14238229	SSF x Near_LoA	-7,369	0,087	0,281

CHR6	14238362	CHR6:14238362	SSF x Near_LoA	-7,884	-0,123	0,271
CHR6	14261400	CHR6:14261400	SSF x Near_LoA	-6,601	0,087	0,302
CHR6	14261433	CHR6:14261433	SSF x Near_LoA	-6,425	0,081	0,300
CHR6	14261471	CHR6:14261471	SSF x Near_LoA	-8,014	0,067	0,295
CHR6	14261491	CHR6:14261491	SSF x Near_LoA	-3,348	-0,207	0,261
CHR6	14261492	CHR6:14261492	SSF x Near_LoA	-10,217	0,048	0,291
CHR6	14261497	CHR6:14261497	SSF x Near_LoA	-7,952	0,071	0,289
CHR6	14261544	CHR6:14261544	SSF x Near_LoA	-6,038	0,118	0,272
CHR6	14261551	CHR6:14261551	SSF x Near_LoA	-11,185	0,010	0,281
CHR6	14261598	CHR6:14261598	SSF x Near_LoA	-9,856	0,071	0,286
CHR6	14261662	CHR6:14261662	SSF x Near_LoA	-10,442	-0,012	0,293
CHR6	14276515	CHR6:14276515	SSF x Near_LoA	-9,757	0,041	0,296
CHR6	14278114	CHR6:14278114	SSF x Near_LoA	-6,066	-0,088	0,289
CHR6	14278306	CHR6:14278306	SSF x Near_LoA	-8,724	0,072	0,286
CHR6	14278314	CHR6:14278314	SSF x Near_LoA	-9,173	-0,048	0,280
CHR6	14286836	CHR6:14286836	SSF x Near_LoA	-9,377	0,030	0,294
CHR6	14303357	CHR6:14303357	SSF x Near_LoA	-8,604	-0,074	0,294
CHR6	14303414	CHR6:14303414	SSF x Near_LoA	-2,577	-0,204	0,279
CHR6	14303451	CHR6:14303451	SSF x Near_LoA	-6,492	-0,115	0,295
CHR6	14303481	CHR6:14303481	SSF x Near_LoA	-9,491	0,151	0,288
CHR6	14303492	CHR6:14303492	SSF x Near_LoA	-10,150	0,001	0,295
CHR6	14303650	CHR6:14303650	SSF x Near_LoA	-9,200	-0,010	0,296
CHR6	14303677	CHR6:14303677	SSF x Near_LoA	-8,277	-0,092	0,288
CHR6	14313910	CHR6:14313910	SSF x Near_LoA	-3,860	0,169	0,291
CHR6	14314030	CHR6:14314030	SSF x Near_LoA	-6,107	0,084	0,295
CHR6	14314048	CHR6:14314048	SSF x Near_LoA	-6,534	0,110	0,303
CHR6	14322506	CHR6:14322506	SSF x Near_LoA	-6,782	-0,079	0,286
CHR6	14322528	CHR6:14322528	SSF x Near_LoA	-7,297	-0,084	0,282
CHR6	14322557	CHR6:14322557	SSF x Near_LoA	-9,493	0,003	0,288
CHR6	14322569	CHR6:14322569	SSF x Near_LoA	-6,131	-0,123	0,289
CHR6	14322570	CHR6:14322570	SSF x Near_LoA	-9,596	0,022	0,298
CHR6	14322587	CHR6:14322587	SSF x Near_LoA	-6,706	-0,137	0,286
CHR6	14322601	CHR6:14322601	SSF x Near_LoA	-6,069	-0,127	0,281
CHR6	14322612	CHR6:14322612	SSF x Near_LoA	-3,563	-0,170	0,280
CHR6	14322639	CHR6:14322639	SSF x Near_LoA	-5,592	-0,163	0,290
CHR6	14322641	CHR6:14322641	SSF x Near_LoA	-9,846	-0,039	0,293
CHR6	14322658	CHR6:14322658	SSF x Near_LoA	-4,537	0,205	0,277
CHR6	14322665	CHR6:14322665	SSF x Near_LoA	-5,669	-0,139	0,280
CHR6	1433789	CHR6:1433789	SSF x Near_LoA	-8,785	-0,074	0,279
CHR6	14344054	CHR6:14344054	SSF x Near_LoA	-8,214	0,133	0,277
CHR6	14344067	CHR6:14344067	SSF x Near_LoA	-7,164	0,137	0,278
CHR6	14344071	CHR6:14344071	SSF x Near_LoA	-8,994	0,087	0,295
CHR6	14344154	CHR6:14344154	SSF x Near_LoA	-1,260	0,141	0,266
CHR6	14344225	CHR6:14344225	SSF x Near_LoA	-7,981	-0,067	0,291
CHR6	14345725	CHR6:14345725	SSF x Near_LoA	-9,441	-0,059	0,293
CHR6	14345731	CHR6:14345731	SSF x Near_LoA	-9,443	-0,102	0,284
CHR6	14345749	CHR6:14345749	SSF x Near_LoA	-9,370	-0,085	0,280
CHR6	14345927	CHR6:14345927	SSF x Near_LoA	-5,872	0,054	0,287
CHR6	14349414	CHR6:14349414	SSF x Near_LoA	-10,154	-0,048	0,279
CHR6	14396589	CHR6:14396589	SSF x Near_LoA	-7,607	0,116	0,280
CHR6	14408573	CHR6:14408573	SSF x Near_LoA	-6,812	0,180	0,280
CHR6	14408679	CHR6:14408679	SSF x Near_LoA	-8,058	0,096	0,277
CHR6	14408680	CHR6:14408680	SSF x Near_LoA	-7,911	0,116	0,266

CHR6	14408686	CHR6:14408686	SSF x Near_LoA	-4,032	0,118	0,274
CHR6	14412446	CHR6:14412446	SSF x Near_LoA	-11,072	0,082	0,270
CHR6	14412538	CHR6:14412538	SSF x Near_LoA	-10,979	-0,034	0,301
CHR6	14421796	CHR6:14421796	SSF x Near_LoA	-8,194	-0,012	0,294
CHR6	14421808	CHR6:14421808	SSF x Near_LoA	-6,564	0,085	0,281
CHR6	14431459	CHR6:14431459	SSF x Near_LoA	-7,831	0,095	0,296
CHR6	14431505	CHR6:14431505	SSF x Near_LoA	-9,804	-0,056	0,280
CHR6	14431555	CHR6:14431555	SSF x Near_LoA	-8,004	0,041	0,282
CHR6	14499532	CHR6:14499532	SSF x Near_LoA	-9,311	-0,144	0,279
CHR6	14617198	CHR6:14617198	SSF x Near_LoA	-7,725	0,116	0,290
CHR6	14667489	CHR6:14667489	SSF x Near_LoA	-8,992	0,001	0,273
CHR6	14667571	CHR6:14667571	SSF x Near_LoA	-6,947	0,110	0,278
CHR6	14669125	CHR6:14669125	SSF x Near_LoA	-6,969	0,166	0,280
CHR6	14690089	CHR6:14690089	SSF x Near_LoA	-8,940	0,028	0,288
CHR6	14691958	CHR6:14691958	SSF x Near_LoA	-7,859	0,085	0,275
CHR6	14691974	CHR6:14691974	SSF x Near_LoA	-7,802	0,076	0,291
CHR6	14692194	CHR6:14692194	SSF x Near_LoA	-0,879	0,174	0,267
CHR6	14692288	CHR6:14692288	SSF x Near_LoA	-7,612	-0,080	0,282
CHR6	1471481	CHR6:1471481	SSF x Near_LoA	-6,819	0,087	0,290
CHR6	1471491	CHR6:1471491	SSF x Near_LoA	-7,261	-0,155	0,276
CHR6	1471526	CHR6:1471526	SSF x Near_LoA	-5,616	-0,202	0,287
CHR6	1471546	CHR6:1471546	SSF x Near_LoA	0,611	0,209	0,289
CHR6	14739497	CHR6:14739497	SSF x Near_LoA	-0,170	0,110	0,288
CHR6	14763627	CHR6:14763627	SSF x Near_LoA	-7,936	0,102	0,273
CHR6	14763785	CHR6:14763785	SSF x Near_LoA	-7,453	0,061	0,288
CHR6	14763874	CHR6:14763874	SSF x Near_LoA	-6,857	0,053	0,270
CHR6	1479004	CHR6:1479004	SSF x Near_LoA	-7,090	0,092	0,272
CHR6	14790354	CHR6:14790354	SSF x Near_LoA	-8,471	0,020	0,301
CHR6	14790405	CHR6:14790405	SSF x Near_LoA	-9,591	0,064	0,290
CHR6	14790553	CHR6:14790553	SSF x Near_LoA	-8,880	0,022	0,281
CHR6	1479326	CHR6:1479326	SSF x Near_LoA	-9,115	-0,107	0,270
CHR6	14802218	CHR6:14802218	SSF x Near_LoA	-6,950	0,044	0,283
CHR6	14837886	CHR6:14837886	SSF x Near_LoA	-6,421	0,088	0,286
CHR6	14843050	CHR6:14843050	SSF x Near_LoA	-5,743	0,110	0,275
CHR6	14843093	CHR6:14843093	SSF x Near_LoA	-5,114	-0,142	0,287
CHR6	14843109	CHR6:14843109	SSF x Near_LoA	-6,849	0,125	0,275
CHR6	14846380	CHR6:14846380	SSF x Near_LoA	-9,538	0,068	0,283
CHR6	14851161	CHR6:14851161	SSF x Near_LoA	-7,488	0,097	0,293
CHR6	14854599	CHR6:14854599	SSF x Near_LoA	-7,011	-0,116	0,287
CHR6	1486644	CHR6:1486644	SSF x Near_LoA	-4,860	0,147	0,279
CHR6	1486763	CHR6:1486763	SSF x Near_LoA	-6,868	-0,128	0,275
CHR6	1487048	CHR6:1487048	SSF x Near_LoA	-10,150	0,012	0,280
CHR6	14918231	CHR6:14918231	SSF x Near_LoA	-7,959	-0,123	0,281
CHR6	14950538	CHR6:14950538	SSF x Near_LoA	-7,877	-0,102	0,278
CHR6	14950551	CHR6:14950551	SSF x Near_LoA	-8,652	0,004	0,286
CHR6	14959057	CHR6:14959057	SSF x Near_LoA	-7,676	0,224	0,279
CHR6	1515199	CHR6:1515199	SSF x Near_LoA	-8,718	0,006	0,285
CHR6	1515355	CHR6:1515355	SSF x Near_LoA	-8,109	0,060	0,284
CHR6	1515366	CHR6:1515366	SSF x Near_LoA	-10,263	0,044	0,269
CHR6	1532517	CHR6:1532517	SSF x Near_LoA	-8,287	-0,001	0,283
CHR6	1532539	CHR6:1532539	SSF x Near_LoA	-8,597	-0,094	0,273
CHR6	1532540	CHR6:1532540	SSF x Near_LoA	-6,255	0,126	0,283
CHR6	1539582	CHR6:1539582	SSF x Near_LoA	-8,781	0,033	0,274

CHR6	1539637	CHR6:1539637	SSF x Near_LoA	-9,442	0,006	0,281
CHR6	1539685	CHR6:1539685	SSF x Near_LoA	-7,365	-0,064	0,294
CHR6	1539686	CHR6:1539686	SSF x Near_LoA	-7,436	-0,062	0,289
CHR6	1539687	CHR6:1539687	SSF x Near_LoA	-8,387	-0,074	0,291
CHR6	1539688	CHR6:1539688	SSF x Near_LoA	-7,104	-0,017	0,309
CHR6	1539746	CHR6:1539746	SSF x Near_LoA	-7,984	-0,140	0,286
CHR6	1553391	CHR6:1553391	SSF x Near_LoA	-6,616	-0,096	0,279
CHR6	1553631	CHR6:1553631	SSF x Near_LoA	-7,372	0,009	0,286
CHR6	1577950	CHR6:1577950	SSF x Near_LoA	-6,904	-0,009	0,278
CHR6	1577952	CHR6:1577952	SSF x Near_LoA	-7,257	0,007	0,285
CHR6	1577997	CHR6:1577997	SSF x Near_LoA	-7,471	0,044	0,290
CHR6	1579722	CHR6:1579722	SSF x Near_LoA	-7,525	-0,013	0,283
CHR6	1579828	CHR6:1579828	SSF x Near_LoA	-8,338	0,178	0,272
CHR6	1585570	CHR6:1585570	SSF x Near_LoA	-8,675	0,035	0,281
CHR6	1585619	CHR6:1585619	SSF x Near_LoA	-6,883	0,101	0,293
CHR6	1585804	CHR6:1585804	SSF x Near_LoA	-6,750	0,165	0,278
CHR6	1585847	CHR6:1585847	SSF x Near_LoA	-6,497	0,169	0,280
CHR6	1585848	CHR6:1585848	SSF x Near_LoA	-10,506	-0,052	0,286
CHR6	1586199	CHR6:1586199	SSF x Near_LoA	-7,206	-0,014	0,293
CHR6	1590809	CHR6:1590809	SSF x Near_LoA	-5,281	0,160	0,282
CHR6	1597705	CHR6:1597705	SSF x Near_LoA	-8,976	-0,062	0,291
CHR6	1597782	CHR6:1597782	SSF x Near_LoA	-9,036	0,086	0,286
CHR6	1597851	CHR6:1597851	SSF x Near_LoA	-8,495	-0,081	0,295
CHR6	1598003	CHR6:1598003	SSF x Near_LoA	-7,523	-0,155	0,273
CHR6	1602469	CHR6:1602469	SSF x Near_LoA	-6,454	-0,026	0,288
CHR6	1602474	CHR6:1602474	SSF x Near_LoA	-8,133	-0,089	0,289
CHR6	1602477	CHR6:1602477	SSF x Near_LoA	-8,707	-0,068	0,280
CHR6	1602629	CHR6:1602629	SSF x Near_LoA	-8,282	-0,063	0,284
CHR6	1602642	CHR6:1602642	SSF x Near_LoA	-7,498	-0,110	0,287
CHR6	1602702	CHR6:1602702	SSF x Near_LoA	-7,957	0,011	0,290
CHR6	1602832	CHR6:1602832	SSF x Near_LoA	-7,654	-0,069	0,284
CHR6	1602885	CHR6:1602885	SSF x Near_LoA	-9,006	0,049	0,290
CHR6	1614633	CHR6:1614633	SSF x Near_LoA	-7,627	0,037	0,298
CHR6	1614660	CHR6:1614660	SSF x Near_LoA	-4,358	0,133	0,284
CHR6	1614679	CHR6:1614679	SSF x Near_LoA	-7,081	0,094	0,280
CHR6	1614690	CHR6:1614690	SSF x Near_LoA	-6,575	0,007	0,291
CHR6	1614779	CHR6:1614779	SSF x Near_LoA	-9,537	0,083	0,278
CHR6	1614787	CHR6:1614787	SSF x Near_LoA	-8,252	0,098	0,283
CHR6	1614790	CHR6:1614790	SSF x Near_LoA	-7,235	0,050	0,293
CHR6	1614791	CHR6:1614791	SSF x Near_LoA	-8,109	0,078	0,279
CHR6	1614918	CHR6:1614918	SSF x Near_LoA	-6,868	-0,187	0,277
CHR6	1629252	CHR6:1629252	SSF x Near_LoA	-9,415	0,036	0,289
CHR6	1629346	CHR6:1629346	SSF x Near_LoA	-9,603	0,037	0,279
CHR6	1629414	CHR6:1629414	SSF x Near_LoA	-8,503	-0,094	0,288
CHR6	1629437	CHR6:1629437	SSF x Near_LoA	-6,005	-0,129	0,288
CHR6	1629441	CHR6:1629441	SSF x Near_LoA	-5,362	0,147	0,281
CHR6	1629455	CHR6:1629455	SSF x Near_LoA	-4,499	-0,111	0,298
CHR6	16500205	CHR6:16500205	SSF x Near_LoA	-7,436	-0,057	0,292
CHR6	16538980	CHR6:16538980	SSF x Near_LoA	-6,989	0,089	0,278
CHR6	16549569	CHR6:16549569	SSF x Near_LoA	-8,325	-0,148	0,271
CHR6	1659530	CHR6:1659530	SSF x Near_LoA	-7,077	-0,033	0,287
CHR6	1659552	CHR6:1659552	SSF x Near_LoA	-10,091	-0,042	0,290
CHR6	1659787	CHR6:1659787	SSF x Near_LoA	-5,432	-0,048	0,282

CHR6	16632545	CHR6:16632545	SSF x Near_LoA	-7,973	0,020	0,292
CHR6	16632751	CHR6:16632751	SSF x Near_LoA	-8,059	0,100	0,277
CHR6	16632793	CHR6:16632793	SSF x Near_LoA	-7,606	0,102	0,276
CHR6	16661695	CHR6:16661695	SSF x Near_LoA	-6,487	-0,101	0,285
CHR6	1666818	CHR6:1666818	SSF x Near_LoA	-7,707	0,090	0,285
CHR6	1666843	CHR6:1666843	SSF x Near_LoA	-9,089	0,126	0,273
CHR6	1666845	CHR6:1666845	SSF x Near_LoA	-6,743	-0,047	0,301
CHR6	1666856	CHR6:1666856	SSF x Near_LoA	-9,270	-0,058	0,279
CHR6	1666977	CHR6:1666977	SSF x Near_LoA	-7,249	0,050	0,284
CHR6	1666981	CHR6:1666981	SSF x Near_LoA	-6,782	0,068	0,292
CHR6	1666988	CHR6:1666988	SSF x Near_LoA	-7,491	0,007	0,289
CHR6	16690865	CHR6:16690865	SSF x Near_LoA	-8,452	0,041	0,286
CHR6	16705942	CHR6:16705942	SSF x Near_LoA	-7,598	-0,060	0,273
CHR6	167126	CHR6:167126	SSF x Near_LoA	-3,594	0,184	0,289
CHR6	16720044	CHR6:16720044	SSF x Near_LoA	-8,515	0,034	0,273
CHR6	16739626	CHR6:16739626	SSF x Near_LoA	-6,713	-0,085	0,288
CHR6	1674419	CHR6:1674419	SSF x Near_LoA	-7,272	0,110	0,273
CHR6	16756433	CHR6:16756433	SSF x Near_LoA	-7,258	0,066	0,295
CHR6	16756535	CHR6:16756535	SSF x Near_LoA	-8,913	0,076	0,289
CHR6	16780744	CHR6:16780744	SSF x Near_LoA	-5,903	0,236	0,279
CHR6	16782596	CHR6:16782596	SSF x Near_LoA	-5,896	-0,174	0,282
CHR6	16782662	CHR6:16782662	SSF x Near_LoA	-0,239	0,217	0,272
CHR6	1679996	CHR6:1679996	SSF x Near_LoA	-8,750	0,094	0,291
CHR6	16800125	CHR6:16800125	SSF x Near_LoA	-6,951	0,137	0,273
CHR6	1680041	CHR6:1680041	SSF x Near_LoA	-7,756	0,037	0,302
CHR6	1680042	CHR6:1680042	SSF x Near_LoA	-8,241	0,056	0,292
CHR6	16807040	CHR6:16807040	SSF x Near_LoA	-10,660	0,011	0,287
CHR6	16807185	CHR6:16807185	SSF x Near_LoA	-7,770	0,126	0,287
CHR6	16817574	CHR6:16817574	SSF x Near_LoA	-8,259	-0,061	0,293
CHR6	16817630	CHR6:16817630	SSF x Near_LoA	-9,057	0,022	0,293
CHR6	16817631	CHR6:16817631	SSF x Near_LoA	-8,485	0,013	0,294
CHR6	16817632	CHR6:16817632	SSF x Near_LoA	-8,787	0,012	0,302
CHR6	16817876	CHR6:16817876	SSF x Near_LoA	-5,877	0,047	0,296
CHR6	16827379	CHR6:16827379	SSF x Near_LoA	-6,396	0,116	0,281
CHR6	16827438	CHR6:16827438	SSF x Near_LoA	-6,891	0,085	0,292
CHR6	16844543	CHR6:16844543	SSF x Near_LoA	-8,856	-0,071	0,276
CHR6	16859983	CHR6:16859983	SSF x Near_LoA	-8,924	-0,086	0,284
CHR6	16859986	CHR6:16859986	SSF x Near_LoA	-8,588	-0,113	0,268
CHR6	16872620	CHR6:16872620	SSF x Near_LoA	-8,910	-0,084	0,284
CHR6	16890002	CHR6:16890002	SSF x Near_LoA	-7,729	-0,049	0,291
CHR6	16909633	CHR6:16909633	SSF x Near_LoA	-7,120	-0,091	0,289
CHR6	16911804	CHR6:16911804	SSF x Near_LoA	-7,025	-0,078	0,287
CHR6	16911905	CHR6:16911905	SSF x Near_LoA	-2,387	-0,086	0,295
CHR6	16938405	CHR6:16938405	SSF x Near_LoA	-3,288	-0,162	0,282
CHR6	16944525	CHR6:16944525	SSF x Near_LoA	-6,267	-0,103	0,282
CHR6	16944657	CHR6:16944657	SSF x Near_LoA	-8,116	-0,006	0,289
CHR6	16971222	CHR6:16971222	SSF x Near_LoA	-6,916	-0,134	0,280
CHR6	16980363	CHR6:16980363	SSF x Near_LoA	-3,716	-0,184	0,282
CHR6	16980390	CHR6:16980390	SSF x Near_LoA	-4,159	-0,158	0,291
CHR6	1698926	CHR6:1698926	SSF x Near_LoA	-8,699	0,067	0,298
CHR6	1698927	CHR6:1698927	SSF x Near_LoA	-8,920	-0,064	0,277
CHR6	1698937	CHR6:1698937	SSF x Near_LoA	-9,756	-0,040	0,293
CHR6	1698988	CHR6:1698988	SSF x Near_LoA	-8,089	-0,114	0,274

CHR6	1698992	CHR6:1698992	SSF x Near_LoA	-6,552	-0,037	0,293
CHR6	1699008	CHR6:1699008	SSF x Near_LoA	-6,451	-0,039	0,300
CHR6	1699022	CHR6:1699022	SSF x Near_LoA	-7,845	-0,011	0,283
CHR6	1699028	CHR6:1699028	SSF x Near_LoA	1,975	-0,036	0,297
CHR6	1699110	CHR6:1699110	SSF x Near_LoA	-5,143	-0,105	0,283
CHR6	1699152	CHR6:1699152	SSF x Near_LoA	-9,075	0,016	0,285
CHR6	1699164	CHR6:1699164	SSF x Near_LoA	-2,174	0,096	0,288
CHR6	1699290	CHR6:1699290	SSF x Near_LoA	-3,560	-0,012	0,293
CHR6	17018233	CHR6:17018233	SSF x Near_LoA	-7,531	-0,127	0,272
CHR6	17018305	CHR6:17018305	SSF x Near_LoA	-8,183	0,126	0,299
CHR6	17018457	CHR6:17018457	SSF x Near_LoA	-8,437	-0,023	0,290
CHR6	17033885	CHR6:17033885	SSF x Near_LoA	-8,797	0,110	0,279
CHR6	17047725	CHR6:17047725	SSF x Near_LoA	-8,349	0,032	0,286
CHR6	1704773	CHR6:1704773	SSF x Near_LoA	-8,651	-0,026	0,296
CHR6	1704777	CHR6:1704777	SSF x Near_LoA	-7,584	0,044	0,292
CHR6	1704820	CHR6:1704820	SSF x Near_LoA	-9,635	-0,091	0,287
CHR6	1704896	CHR6:1704896	SSF x Near_LoA	-7,227	0,021	0,279
CHR6	1705026	CHR6:1705026	SSF x Near_LoA	-9,448	-0,040	0,286
CHR6	1706981	CHR6:1706981	SSF x Near_LoA	-8,984	-0,006	0,285
CHR6	1707000	CHR6:1707000	SSF x Near_LoA	-8,239	-0,010	0,280
CHR6	1707003	CHR6:1707003	SSF x Near_LoA	-9,640	0,066	0,302
CHR6	1707007	CHR6:1707007	SSF x Near_LoA	-8,990	-0,020	0,287
CHR6	1707076	CHR6:1707076	SSF x Near_LoA	-8,021	0,108	0,293
CHR6	1707101	CHR6:1707101	SSF x Near_LoA	-9,557	-0,102	0,296
CHR6	1707204	CHR6:1707204	SSF x Near_LoA	-7,907	0,089	0,280
CHR6	17073919	CHR6:17073919	SSF x Near_LoA	-10,404	0,036	0,287
CHR6	17076323	CHR6:17076323	SSF x Near_LoA	-7,331	-0,004	0,292
CHR6	17076513	CHR6:17076513	SSF x Near_LoA	-6,731	0,146	0,286
CHR6	17076532	CHR6:17076532	SSF x Near_LoA	-6,873	0,156	0,267
CHR6	17090892	CHR6:17090892	SSF x Near_LoA	-4,534	0,065	0,274
CHR6	17091015	CHR6:17091015	SSF x Near_LoA	-5,234	-0,172	0,273
CHR6	17107078	CHR6:17107078	SSF x Near_LoA	-5,982	-0,135	0,284
CHR6	17123286	CHR6:17123286	SSF x Near_LoA	-4,186	-0,172	0,290
CHR6	1715997	CHR6:1715997	SSF x Near_LoA	-9,320	0,081	0,287
CHR6	1716162	CHR6:1716162	SSF x Near_LoA	-6,442	0,160	0,276
CHR6	1716192	CHR6:1716192	SSF x Near_LoA	-7,870	0,028	0,274
CHR6	1716209	CHR6:1716209	SSF x Near_LoA	-7,834	-0,038	0,286
CHR6	1716212	CHR6:1716212	SSF x Near_LoA	-8,175	0,119	0,269
CHR6	17184570	CHR6:17184570	SSF x Near_LoA	-4,497	0,250	0,260
CHR6	17184741	CHR6:17184741	SSF x Near_LoA	-7,023	-0,090	0,287
CHR6	17184742	CHR6:17184742	SSF x Near_LoA	-7,006	-0,109	0,286
CHR6	17184743	CHR6:17184743	SSF x Near_LoA	-7,317	-0,114	0,291
CHR6	17184746	CHR6:17184746	SSF x Near_LoA	-4,203	-0,079	0,293
CHR6	17206640	CHR6:17206640	SSF x Near_LoA	-8,753	0,056	0,291
CHR6	1722716	CHR6:1722716	SSF x Near_LoA	-7,862	0,168	0,282
CHR6	17248379	CHR6:17248379	SSF x Near_LoA	-8,854	-0,018	0,288
CHR6	17262260	CHR6:17262260	SSF x Near_LoA	-9,979	-0,065	0,283
CHR6	17262312	CHR6:17262312	SSF x Near_LoA	-9,968	-0,032	0,279
CHR6	1727431	CHR6:1727431	SSF x Near_LoA	-6,667	0,126	0,280
CHR6	17295172	CHR6:17295172	SSF x Near_LoA	-9,174	-0,013	0,300
CHR6	172954	CHR6:172954	SSF x Near_LoA	-4,362	-0,110	0,305
CHR6	173033	CHR6:173033	SSF x Near_LoA	-6,925	0,190	0,283
CHR6	1730560	CHR6:1730560	SSF x Near_LoA	-6,159	-0,084	0,286

CHR6	173072	CHR6:173072	SSF x Near_LoA	-5,349	0,185	0,278
CHR6	17310429	CHR6:17310429	SSF x Near_LoA	-9,053	-0,080	0,268
CHR6	17310496	CHR6:17310496	SSF x Near_LoA	-6,439	0,103	0,275
CHR6	17310515	CHR6:17310515	SSF x Near_LoA	-6,798	0,078	0,274
CHR6	17322564	CHR6:17322564	SSF x Near_LoA	-4,453	0,214	0,274
CHR6	17322605	CHR6:17322605	SSF x Near_LoA	-6,757	0,114	0,276
CHR6	17322629	CHR6:17322629	SSF x Near_LoA	-10,078	0,040	0,289
CHR6	17322637	CHR6:17322637	SSF x Near_LoA	-7,701	0,070	0,277
CHR6	17322654	CHR6:17322654	SSF x Near_LoA	-9,897	-0,026	0,302
CHR6	17322658	CHR6:17322658	SSF x Near_LoA	-6,766	0,083	0,276
CHR6	17335575	CHR6:17335575	SSF x Near_LoA	-10,708	-0,008	0,288
CHR6	17335577	CHR6:17335577	SSF x Near_LoA	-10,685	-0,008	0,289
CHR6	17335608	CHR6:17335608	SSF x Near_LoA	-10,945	-0,020	0,284
CHR6	17335625	CHR6:17335625	SSF x Near_LoA	-1,462	-0,015	0,288
CHR6	17335655	CHR6:17335655	SSF x Near_LoA	-8,168	0,033	0,273
CHR6	17335663	CHR6:17335663	SSF x Near_LoA	-8,947	0,045	0,270
CHR6	17335666	CHR6:17335666	SSF x Near_LoA	-8,949	0,051	0,263
CHR6	17335668	CHR6:17335668	SSF x Near_LoA	-9,985	-0,011	0,299
CHR6	17335678	CHR6:17335678	SSF x Near_LoA	-8,010	0,017	0,291
CHR6	17353891	CHR6:17353891	SSF x Near_LoA	-9,665	0,040	0,281
CHR6	17354134	CHR6:17354134	SSF x Near_LoA	-5,666	0,144	0,284
CHR6	17354337	CHR6:17354337	SSF x Near_LoA	-10,586	0,067	0,281
CHR6	17386045	CHR6:17386045	SSF x Near_LoA	-8,201	0,019	0,283
CHR6	17386139	CHR6:17386139	SSF x Near_LoA	-5,934	-0,105	0,291
CHR6	17386202	CHR6:17386202	SSF x Near_LoA	-5,607	0,202	0,275
CHR6	17407663	CHR6:17407663	SSF x Near_LoA	-7,149	-0,094	0,287
CHR6	17407684	CHR6:17407684	SSF x Near_LoA	-6,826	-0,220	0,273
CHR6	17407696	CHR6:17407696	SSF x Near_LoA	-10,157	-0,023	0,283
CHR6	17407772	CHR6:17407772	SSF x Near_LoA	-8,043	-0,130	0,289
CHR6	17422390	CHR6:17422390	SSF x Near_LoA	-8,154	0,057	0,304
CHR6	17422455	CHR6:17422455	SSF x Near_LoA	-7,665	-0,072	0,278
CHR6	17422562	CHR6:17422562	SSF x Near_LoA	-7,316	-0,008	0,283
CHR6	17427042	CHR6:17427042	SSF x Near_LoA	-10,407	0,002	0,284
CHR6	17437644	CHR6:17437644	SSF x Near_LoA	-8,687	-0,050	0,289
CHR6	17437788	CHR6:17437788	SSF x Near_LoA	-9,245	-0,054	0,288
CHR6	1744599	CHR6:1744599	SSF x Near_LoA	-6,475	0,122	0,284
CHR6	1744704	CHR6:1744704	SSF x Near_LoA	-7,722	-0,138	0,286
CHR6	1744713	CHR6:1744713	SSF x Near_LoA	-9,926	-0,029	0,288
CHR6	1744729	CHR6:1744729	SSF x Near_LoA	-8,108	-0,109	0,285
CHR6	1744734	CHR6:1744734	SSF x Near_LoA	-7,892	-0,139	0,286
CHR6	1744818	CHR6:1744818	SSF x Near_LoA	-8,176	0,134	0,271
CHR6	1744827	CHR6:1744827	SSF x Near_LoA	-7,994	0,050	0,295
CHR6	17457357	CHR6:17457357	SSF x Near_LoA	-7,590	-0,059	0,287
CHR6	17475856	CHR6:17475856	SSF x Near_LoA	-6,606	0,008	0,287
CHR6	17475941	CHR6:17475941	SSF x Near_LoA	-4,589	-0,044	0,276
CHR6	17521756	CHR6:17521756	SSF x Near_LoA	-10,223	-0,031	0,288
CHR6	17521863	CHR6:17521863	SSF x Near_LoA	-9,030	-0,085	0,276
CHR6	17522051	CHR6:17522051	SSF x Near_LoA	-4,357	-0,077	0,288
CHR6	17553342	CHR6:17553342	SSF x Near_LoA	-8,953	0,027	0,305
CHR6	17577128	CHR6:17577128	SSF x Near_LoA	-8,997	0,048	0,273
CHR6	17577214	CHR6:17577214	SSF x Near_LoA	-7,864	0,019	0,274
CHR6	17577258	CHR6:17577258	SSF x Near_LoA	-9,872	-0,032	0,275
CHR6	17577326	CHR6:17577326	SSF x Near_LoA	-9,264	0,062	0,286

CHR6	1759243	CHR6:1759243	SSF x Near_LoA	-9,423	-0,103	0,275
CHR6	1759292	CHR6:1759292	SSF x Near_LoA	-8,550	0,052	0,285
CHR6	1759330	CHR6:1759330	SSF x Near_LoA	-7,508	0,069	0,283
CHR6	1759379	CHR6:1759379	SSF x Near_LoA	-8,008	-0,152	0,290
CHR6	1759487	CHR6:1759487	SSF x Near_LoA	-9,415	-0,087	0,285
CHR6	17620639	CHR6:17620639	SSF x Near_LoA	-3,739	0,223	0,261
CHR6	1763603	CHR6:1763603	SSF x Near_LoA	-8,950	-0,005	0,287
CHR6	1763697	CHR6:1763697	SSF x Near_LoA	13,552	-0,229	0,277
CHR6	1763837	CHR6:1763837	SSF x Near_LoA	-7,687	-0,092	0,291
CHR6	1763859	CHR6:1763859	SSF x Near_LoA	-2,379	-0,294	0,268
CHR6	17640505	CHR6:17640505	SSF x Near_LoA	-8,393	0,129	0,276
CHR6	17640571	CHR6:17640571	SSF x Near_LoA	-2,881	0,163	0,285
CHR6	1769422	CHR6:1769422	SSF x Near_LoA	-8,916	0,030	0,300
CHR6	17717613	CHR6:17717613	SSF x Near_LoA	-8,688	0,058	0,282
CHR6	17722587	CHR6:17722587	SSF x Near_LoA	-10,991	-0,040	0,283
CHR6	17747250	CHR6:17747250	SSF x Near_LoA	-8,182	-0,055	0,290
CHR6	17747325	CHR6:17747325	SSF x Near_LoA	-6,697	0,038	0,290
CHR6	17761405	CHR6:17761405	SSF x Near_LoA	-6,085	0,069	0,288
CHR6	1777487	CHR6:1777487	SSF x Near_LoA	-5,497	-0,196	0,276
CHR6	1777496	CHR6:1777496	SSF x Near_LoA	-3,076	-0,189	0,283
CHR6	1777503	CHR6:1777503	SSF x Near_LoA	-3,807	-0,202	0,266
CHR6	1777504	CHR6:1777504	SSF x Near_LoA	-4,430	-0,198	0,272
CHR6	1778634	CHR6:1778634	SSF x Near_LoA	-5,439	0,107	0,293
CHR6	1778720	CHR6:1778720	SSF x Near_LoA	-4,440	-0,073	0,302
CHR6	1778791	CHR6:1778791	SSF x Near_LoA	-6,520	0,227	0,260
CHR6	1778798	CHR6:1778798	SSF x Near_LoA	-8,590	0,062	0,297
CHR6	1778819	CHR6:1778819	SSF x Near_LoA	-8,218	-0,037	0,287
CHR6	17789955	CHR6:17789955	SSF x Near_LoA	-6,271	-0,117	0,295
CHR6	17790139	CHR6:17790139	SSF x Near_LoA	-5,616	-0,022	0,283
CHR6	17801507	CHR6:17801507	SSF x Near_LoA	-7,918	0,047	0,276
CHR6	17801525	CHR6:17801525	SSF x Near_LoA	-8,855	-0,032	0,293
CHR6	17801547	CHR6:17801547	SSF x Near_LoA	-5,911	0,160	0,279
CHR6	17801591	CHR6:17801591	SSF x Near_LoA	-8,431	-0,118	0,291
CHR6	17801684	CHR6:17801684	SSF x Near_LoA	-7,832	-0,037	0,280
CHR6	17837100	CHR6:17837100	SSF x Near_LoA	-7,217	0,034	0,284
CHR6	17842340	CHR6:17842340	SSF x Near_LoA	-8,694	-0,044	0,294
CHR6	1785989	CHR6:1785989	SSF x Near_LoA	-9,271	0,010	0,275
CHR6	1786145	CHR6:1786145	SSF x Near_LoA	-9,108	-0,081	0,284
CHR6	17887055	CHR6:17887055	SSF x Near_LoA	-9,426	-0,024	0,274
CHR6	17887071	CHR6:17887071	SSF x Near_LoA	-6,045	-0,152	0,281
CHR6	17887239	CHR6:17887239	SSF x Near_LoA	-7,409	-0,022	0,280
CHR6	1797924	CHR6:1797924	SSF x Near_LoA	-9,789	-0,058	0,292
CHR6	1798771	CHR6:1798771	SSF x Near_LoA	-7,495	-0,040	0,289
CHR6	1799610	CHR6:1799610	SSF x Near_LoA	-5,611	-0,132	0,290
CHR6	1799749	CHR6:1799749	SSF x Near_LoA	-7,282	-0,094	0,279
CHR6	1802740	CHR6:1802740	SSF x Near_LoA	-10,454	-0,059	0,273
CHR6	1802963	CHR6:1802963	SSF x Near_LoA	-8,930	-0,082	0,284
CHR6	1809974	CHR6:1809974	SSF x Near_LoA	-8,895	0,106	0,282
CHR6	1810003	CHR6:1810003	SSF x Near_LoA	-2,990	0,079	0,281
CHR6	1810005	CHR6:1810005	SSF x Near_LoA	-9,394	0,092	0,290
CHR6	1810008	CHR6:1810008	SSF x Near_LoA	-6,107	0,098	0,284
CHR6	1818456	CHR6:1818456	SSF x Near_LoA	-8,580	-0,150	0,281
CHR6	1828067	CHR6:1828067	SSF x Near_LoA	-8,015	-0,056	0,295

CHR6	1828295	CHR6:1828295	SSF x Near_LoA	-4,858	0,159	0,280
CHR6	1834916	CHR6:1834916	SSF x Near_LoA	-7,853	0,015	0,294
CHR6	1835042	CHR6:1835042	SSF x Near_LoA	-8,456	0,104	0,276
CHR6	1835129	CHR6:1835129	SSF x Near_LoA	-6,755	-0,005	0,282
CHR6	1835162	CHR6:1835162	SSF x Near_LoA	-9,412	-0,050	0,291
CHR6	1835240	CHR6:1835240	SSF x Near_LoA	-9,775	-0,079	0,289
CHR6	1835250	CHR6:1835250	SSF x Near_LoA	-6,760	-0,097	0,291
CHR6	1835277	CHR6:1835277	SSF x Near_LoA	-7,531	0,096	0,285
CHR6	1864317	CHR6:1864317	SSF x Near_LoA	-8,461	-0,124	0,280
CHR6	1864330	CHR6:1864330	SSF x Near_LoA	-7,206	0,065	0,289
CHR6	1868763	CHR6:1868763	SSF x Near_LoA	-6,122	0,134	0,296
CHR6	1868770	CHR6:1868770	SSF x Near_LoA	-7,578	-0,075	0,298
CHR6	1875588	CHR6:1875588	SSF x Near_LoA	-6,710	-0,051	0,286
CHR6	1875591	CHR6:1875591	SSF x Near_LoA	-5,742	-0,048	0,292
CHR6	1878150	CHR6:1878150	SSF x Near_LoA	-10,117	-0,061	0,299
CHR6	1878241	CHR6:1878241	SSF x Near_LoA	-9,011	0,060	0,284
CHR6	1879378	CHR6:1879378	SSF x Near_LoA	-10,530	-0,022	0,288
CHR6	1879482	CHR6:1879482	SSF x Near_LoA	-8,160	-0,051	0,283
CHR6	1890115	CHR6:1890115	SSF x Near_LoA	-8,337	-0,108	0,282
CHR6	1900931	CHR6:1900931	SSF x Near_LoA	-8,414	-0,064	0,281
CHR6	1901098	CHR6:1901098	SSF x Near_LoA	-5,005	0,184	0,275
CHR6	1901104	CHR6:1901104	SSF x Near_LoA	-8,169	-0,078	0,287
CHR6	1901114	CHR6:1901114	SSF x Near_LoA	-4,963	-0,090	0,263
CHR6	1901176	CHR6:1901176	SSF x Near_LoA	-7,711	-0,117	0,290
CHR6	1901177	CHR6:1901177	SSF x Near_LoA	-6,399	-0,151	0,294
CHR6	1901178	CHR6:1901178	SSF x Near_LoA	-8,199	0,010	0,296
CHR6	1901189	CHR6:1901189	SSF x Near_LoA	-5,758	-0,153	0,277
CHR6	1901242	CHR6:1901242	SSF x Near_LoA	-9,734	-0,089	0,297
CHR6	1910039	CHR6:1910039	SSF x Near_LoA	-10,078	0,014	0,286
CHR6	1910164	CHR6:1910164	SSF x Near_LoA	-5,857	-0,218	0,284
CHR6	1910176	CHR6:1910176	SSF x Near_LoA	-6,596	-0,133	0,298
CHR6	1910184	CHR6:1910184	SSF x Near_LoA	-8,125	-0,141	0,283
CHR6	1910219	CHR6:1910219	SSF x Near_LoA	-3,598	-0,216	0,273
CHR6	1932518	CHR6:1932518	SSF x Near_LoA	-7,784	0,125	0,288
CHR6	197848	CHR6:197848	SSF x Near_LoA	-8,793	-0,054	0,293
CHR6	1985507	CHR6:1985507	SSF x Near_LoA	-8,028	0,017	0,281
CHR6	1985648	CHR6:1985648	SSF x Near_LoA	-9,645	-0,110	0,273
CHR6	1986877	CHR6:1986877	SSF x Near_LoA	-7,581	-0,118	0,290
CHR6	1986904	CHR6:1986904	SSF x Near_LoA	-2,711	0,270	0,254
CHR6	1986958	CHR6:1986958	SSF x Near_LoA	-8,029	-0,089	0,270
CHR6	1986980	CHR6:1986980	SSF x Near_LoA	-7,166	-0,079	0,271
CHR6	1992412	CHR6:1992412	SSF x Near_LoA	-6,938	0,153	0,292
CHR6	1992414	CHR6:1992414	SSF x Near_LoA	-7,384	0,134	0,282
CHR6	1992418	CHR6:1992418	SSF x Near_LoA	-7,219	0,085	0,290
CHR6	1992429	CHR6:1992429	SSF x Near_LoA	-2,776	0,143	0,303
CHR6	2000624	CHR6:2000624	SSF x Near_LoA	-1,695	0,018	0,290
CHR6	2000711	CHR6:2000711	SSF x Near_LoA	-9,535	-0,072	0,305
CHR6	2000728	CHR6:2000728	SSF x Near_LoA	-8,251	0,109	0,284
CHR6	2003560	CHR6:2003560	SSF x Near_LoA	-7,962	0,137	0,279
CHR6	2003565	CHR6:2003565	SSF x Near_LoA	-8,513	-0,142	0,279
CHR6	2003574	CHR6:2003574	SSF x Near_LoA	-9,339	0,061	0,293
CHR6	2003663	CHR6:2003663	SSF x Near_LoA	-8,336	-0,110	0,292
CHR6	2003666	CHR6:2003666	SSF x Near_LoA	-5,852	-0,153	0,293

CHR6	2003670	CHR6:2003670	SSF x Near_LoA	-7,498	-0,053	0,298
CHR6	2003695	CHR6:2003695	SSF x Near_LoA	-8,094	-0,151	0,276
CHR6	2003806	CHR6:2003806	SSF x Near_LoA	-8,547	-0,155	0,270
CHR6	2003868	CHR6:2003868	SSF x Near_LoA	-8,453	0,014	0,272
CHR6	2003877	CHR6:2003877	SSF x Near_LoA	-6,854	0,037	0,302
CHR6	2003880	CHR6:2003880	SSF x Near_LoA	-8,151	-0,077	0,289
CHR6	2018783	CHR6:2018783	SSF x Near_LoA	-9,917	-0,058	0,271
CHR6	2019048	CHR6:2019048	SSF x Near_LoA	-8,056	-0,019	0,293
CHR6	2025927	CHR6:2025927	SSF x Near_LoA	-8,206	0,007	0,293
CHR6	2026028	CHR6:2026028	SSF x Near_LoA	-10,653	0,076	0,269
CHR6	2026057	CHR6:2026057	SSF x Near_LoA	-7,335	0,014	0,280
CHR6	2031251	CHR6:2031251	SSF x Near_LoA	-8,667	0,035	0,281
CHR6	2037843	CHR6:2037843	SSF x Near_LoA	-10,515	0,002	0,288
CHR6	2037893	CHR6:2037893	SSF x Near_LoA	-9,949	0,029	0,287
CHR6	2037959	CHR6:2037959	SSF x Near_LoA	-7,260	-0,041	0,280
CHR6	2043504	CHR6:2043504	SSF x Near_LoA	-9,738	-0,063	0,286
CHR6	2043517	CHR6:2043517	SSF x Near_LoA	-9,322	-0,032	0,276
CHR6	2043544	CHR6:2043544	SSF x Near_LoA	-8,305	0,004	0,276
CHR6	2043581	CHR6:2043581	SSF x Near_LoA	-9,386	0,057	0,290
CHR6	2043656	CHR6:2043656	SSF x Near_LoA	-9,359	0,052	0,299
CHR6	2043739	CHR6:2043739	SSF x Near_LoA	-6,397	0,139	0,284
CHR6	2043774	CHR6:2043774	SSF x Near_LoA	-6,190	0,083	0,271
CHR6	2049030	CHR6:2049030	SSF x Near_LoA	-10,085	-0,053	0,293
CHR6	2049087	CHR6:2049087	SSF x Near_LoA	-8,040	-0,040	0,301
CHR6	2049122	CHR6:2049122	SSF x Near_LoA	-7,571	0,071	0,289
CHR6	2049154	CHR6:2049154	SSF x Near_LoA	-8,418	-0,098	0,285
CHR6	2049155	CHR6:2049155	SSF x Near_LoA	-9,867	0,011	0,309
CHR6	2049157	CHR6:2049157	SSF x Near_LoA	-7,649	-0,023	0,293
CHR6	2055612	CHR6:2055612	SSF x Near_LoA	-9,002	-0,015	0,293
CHR6	2055614	CHR6:2055614	SSF x Near_LoA	-10,668	-0,059	0,290
CHR6	2055709	CHR6:2055709	SSF x Near_LoA	-8,084	0,031	0,293
CHR6	2055775	CHR6:2055775	SSF x Near_LoA	-9,482	0,049	0,274
CHR6	2055781	CHR6:2055781	SSF x Near_LoA	-2,040	-0,092	0,280
CHR6	2055802	CHR6:2055802	SSF x Near_LoA	-5,476	-0,142	0,279
CHR6	2081749	CHR6:2081749	SSF x Near_LoA	-11,102	-0,008	0,288
CHR6	2107576	CHR6:2107576	SSF x Near_LoA	-8,468	0,030	0,292
CHR6	212298	CHR6:212298	SSF x Near_LoA	-10,770	-0,034	0,294
CHR6	212352	CHR6:212352	SSF x Near_LoA	-9,328	0,119	0,274
CHR6	2130660	CHR6:2130660	SSF x Near_LoA	-9,095	0,010	0,274
CHR6	21328664	CHR6:21328664	SSF x Near_LoA	-3,322	0,142	0,286
CHR6	21328837	CHR6:21328837	SSF x Near_LoA	-5,189	0,068	0,296
CHR6	2133928	CHR6:2133928	SSF x Near_LoA	-9,283	0,029	0,290
CHR6	2134113	CHR6:2134113	SSF x Near_LoA	-6,151	-0,136	0,285
CHR6	2134154	CHR6:2134154	SSF x Near_LoA	-7,666	0,038	0,292
CHR6	21345341	CHR6:21345341	SSF x Near_LoA	-6,342	-0,098	0,278
CHR6	21345532	CHR6:21345532	SSF x Near_LoA	-3,233	-0,166	0,280
CHR6	21359169	CHR6:21359169	SSF x Near_LoA	-7,188	0,208	0,274
CHR6	21359176	CHR6:21359176	SSF x Near_LoA	-2,320	0,191	0,284
CHR6	21359259	CHR6:21359259	SSF x Near_LoA	-4,386	0,003	0,300
CHR6	21361615	CHR6:21361615	SSF x Near_LoA	-9,156	0,028	0,282
CHR6	21372586	CHR6:21372586	SSF x Near_LoA	-10,505	0,024	0,294
CHR6	21372646	CHR6:21372646	SSF x Near_LoA	-7,782	-0,110	0,286
CHR6	21398745	CHR6:21398745	SSF x Near_LoA	-7,546	-0,036	0,291

CHR6	21398748	CHR6:21398748	SSF x Near_LoA	-10,601	-0,044	0,280
CHR6	21398813	CHR6:21398813	SSF x Near_LoA	-7,224	0,039	0,290
CHR6	21411091	CHR6:21411091	SSF x Near_LoA	-9,404	0,109	0,289
CHR6	21420460	CHR6:21420460	SSF x Near_LoA	-6,687	0,029	0,281
CHR6	21420517	CHR6:21420517	SSF x Near_LoA	-8,147	0,132	0,294
CHR6	21420611	CHR6:21420611	SSF x Near_LoA	-8,626	-0,022	0,303
CHR6	21420687	CHR6:21420687	SSF x Near_LoA	-8,972	0,014	0,299
CHR6	21423313	CHR6:21423313	SSF x Near_LoA	-10,461	0,048	0,282
CHR6	21423353	CHR6:21423353	SSF x Near_LoA	-4,341	0,207	0,279
CHR6	21423370	CHR6:21423370	SSF x Near_LoA	-10,430	-0,049	0,279
CHR6	21423393	CHR6:21423393	SSF x Near_LoA	-6,034	0,140	0,290
CHR6	21423601	CHR6:21423601	SSF x Near_LoA	-7,718	-0,056	0,305
CHR6	21443884	CHR6:21443884	SSF x Near_LoA	-9,035	-0,043	0,283
CHR6	21443951	CHR6:21443951	SSF x Near_LoA	-7,952	-0,036	0,286
CHR6	21443976	CHR6:21443976	SSF x Near_LoA	-4,749	0,139	0,269
CHR6	21443991	CHR6:21443991	SSF x Near_LoA	-5,273	0,125	0,280
CHR6	21444238	CHR6:21444238	SSF x Near_LoA	-7,334	0,013	0,290
CHR6	21444266	CHR6:21444266	SSF x Near_LoA	-5,624	-0,127	0,280
CHR6	21444344	CHR6:21444344	SSF x Near_LoA	-8,029	0,063	0,290
CHR6	21444361	CHR6:21444361	SSF x Near_LoA	-9,591	0,065	0,282
CHR6	21444364	CHR6:21444364	SSF x Near_LoA	-10,182	0,055	0,287
CHR6	21444366	CHR6:21444366	SSF x Near_LoA	-9,366	0,038	0,297
CHR6	21444367	CHR6:21444367	SSF x Near_LoA	-10,122	0,055	0,288
CHR6	21465201	CHR6:21465201	SSF x Near_LoA	-7,249	-0,027	0,279
CHR6	21465291	CHR6:21465291	SSF x Near_LoA	-8,644	-0,107	0,290
CHR6	21470777	CHR6:21470777	SSF x Near_LoA	-9,236	-0,088	0,270
CHR6	21470879	CHR6:21470879	SSF x Near_LoA	-7,825	-0,112	0,272
CHR6	21470915	CHR6:21470915	SSF x Near_LoA	-7,718	0,002	0,292
CHR6	21470916	CHR6:21470916	SSF x Near_LoA	-6,299	-0,149	0,288
CHR6	21470926	CHR6:21470926	SSF x Near_LoA	-10,197	0,076	0,281
CHR6	21470934	CHR6:21470934	SSF x Near_LoA	-7,216	-0,156	0,285
CHR6	21470938	CHR6:21470938	SSF x Near_LoA	-7,547	-0,168	0,285
CHR6	21470940	CHR6:21470940	SSF x Near_LoA	0,934	-0,177	0,284
CHR6	21470954	CHR6:21470954	SSF x Near_LoA	2,863	0,145	0,300
CHR6	21514404	CHR6:21514404	SSF x Near_LoA	-7,950	0,093	0,287
CHR6	21514525	CHR6:21514525	SSF x Near_LoA	-9,957	-0,015	0,294
CHR6	21514551	CHR6:21514551	SSF x Near_LoA	-9,269	-0,004	0,296
CHR6	21514552	CHR6:21514552	SSF x Near_LoA	-7,726	-0,009	0,294
CHR6	21514594	CHR6:21514594	SSF x Near_LoA	-10,051	0,001	0,277
CHR6	21553991	CHR6:21553991	SSF x Near_LoA	-7,852	0,176	0,277
CHR6	21554037	CHR6:21554037	SSF x Near_LoA	-7,603	0,055	0,286
CHR6	21554157	CHR6:21554157	SSF x Near_LoA	-10,165	0,028	0,288
CHR6	21570051	CHR6:21570051	SSF x Near_LoA	-6,668	-0,086	0,294
CHR6	21570075	CHR6:21570075	SSF x Near_LoA	-8,097	0,039	0,265
CHR6	21583846	CHR6:21583846	SSF x Near_LoA	-7,572	0,150	0,276
CHR6	21584060	CHR6:21584060	SSF x Near_LoA	-8,618	-0,041	0,293
CHR6	21592522	CHR6:21592522	SSF x Near_LoA	-10,415	-0,048	0,275
CHR6	21592595	CHR6:21592595	SSF x Near_LoA	-3,104	-0,211	0,276
CHR6	21592625	CHR6:21592625	SSF x Near_LoA	-7,316	-0,101	0,273
CHR6	21592646	CHR6:21592646	SSF x Near_LoA	-2,943	0,152	0,283
CHR6	21592716	CHR6:21592716	SSF x Near_LoA	-8,298	0,037	0,271
CHR6	21592740	CHR6:21592740	SSF x Near_LoA	-8,487	-0,098	0,283
CHR6	21592777	CHR6:21592777	SSF x Near_LoA	-7,412	-0,073	0,275

CHR6	21594635	CHR6:21594635	SSF x Near_LoA	-7,444	0,028	0,300
CHR6	21594769	CHR6:21594769	SSF x Near_LoA	-9,869	-0,068	0,277
CHR6	21594951	CHR6:21594951	SSF x Near_LoA	-9,676	0,016	0,274
CHR6	21615918	CHR6:21615918	SSF x Near_LoA	-3,188	-0,235	0,261
CHR6	21616148	CHR6:21616148	SSF x Near_LoA	-6,029	0,181	0,278
CHR6	21624797	CHR6:21624797	SSF x Near_LoA	-6,013	-0,083	0,298
CHR6	21624859	CHR6:21624859	SSF x Near_LoA	-6,351	-0,049	0,291
CHR6	2163242	CHR6:2163242	SSF x Near_LoA	-7,115	0,025	0,298
CHR6	21645234	CHR6:21645234	SSF x Near_LoA	-6,026	0,117	0,282
CHR6	21645275	CHR6:21645275	SSF x Near_LoA	-8,688	-0,044	0,278
CHR6	21645287	CHR6:21645287	SSF x Near_LoA	-8,414	0,077	0,298
CHR6	21646966	CHR6:21646966	SSF x Near_LoA	-8,834	-0,035	0,277
CHR6	21646969	CHR6:21646969	SSF x Near_LoA	-6,195	0,006	0,286
CHR6	21646995	CHR6:21646995	SSF x Near_LoA	-7,162	0,069	0,294
CHR6	21647096	CHR6:21647096	SSF x Near_LoA	-6,752	-0,155	0,292
CHR6	21654823	CHR6:21654823	SSF x Near_LoA	-9,963	0,065	0,294
CHR6	21663429	CHR6:21663429	SSF x Near_LoA	-9,021	-0,015	0,293
CHR6	21663585	CHR6:21663585	SSF x Near_LoA	-9,116	0,068	0,282
CHR6	21663595	CHR6:21663595	SSF x Near_LoA	-6,006	-0,101	0,291
CHR6	21663613	CHR6:21663613	SSF x Near_LoA	-4,944	0,084	0,280
CHR6	21663628	CHR6:21663628	SSF x Near_LoA	-7,826	0,046	0,291
CHR6	21720007	CHR6:21720007	SSF x Near_LoA	-3,175	0,093	0,295
CHR6	21720034	CHR6:21720034	SSF x Near_LoA	-6,989	0,081	0,280
CHR6	21720039	CHR6:21720039	SSF x Near_LoA	-9,921	-0,032	0,288
CHR6	21720080	CHR6:21720080	SSF x Near_LoA	-10,022	-0,002	0,270
CHR6	21720135	CHR6:21720135	SSF x Near_LoA	-6,264	0,131	0,280
CHR6	21720144	CHR6:21720144	SSF x Near_LoA	-7,910	0,019	0,294
CHR6	21720206	CHR6:21720206	SSF x Near_LoA	-8,165	0,016	0,282
CHR6	21720300	CHR6:21720300	SSF x Near_LoA	-6,862	0,163	0,285
CHR6	21720387	CHR6:21720387	SSF x Near_LoA	-6,065	0,169	0,291
CHR6	21744722	CHR6:21744722	SSF x Near_LoA	-7,768	-0,099	0,279
CHR6	21744749	CHR6:21744749	SSF x Near_LoA	-9,778	-0,054	0,297
CHR6	21744815	CHR6:21744815	SSF x Near_LoA	-8,289	0,145	0,287
CHR6	21744894	CHR6:21744894	SSF x Near_LoA	-9,271	-0,056	0,278
CHR6	21744911	CHR6:21744911	SSF x Near_LoA	-7,206	-0,082	0,296
CHR6	21744912	CHR6:21744912	SSF x Near_LoA	-5,256	-0,074	0,289
CHR6	21744913	CHR6:21744913	SSF x Near_LoA	-7,863	-0,015	0,282
CHR6	21744966	CHR6:21744966	SSF x Near_LoA	-8,691	0,081	0,288
CHR6	21744982	CHR6:21744982	SSF x Near_LoA	-7,552	-0,065	0,296
CHR6	21811623	CHR6:21811623	SSF x Near_LoA	-3,453	0,151	0,279
CHR6	21811646	CHR6:21811646	SSF x Near_LoA	-8,668	0,132	0,269
CHR6	21811694	CHR6:21811694	SSF x Near_LoA	-5,316	0,137	0,281
CHR6	21811753	CHR6:21811753	SSF x Near_LoA	-7,799	-0,037	0,294
CHR6	21811801	CHR6:21811801	SSF x Near_LoA	-6,654	-0,076	0,293
CHR6	21819049	CHR6:21819049	SSF x Near_LoA	-9,675	0,121	0,282
CHR6	21819382	CHR6:21819382	SSF x Near_LoA	-9,148	0,024	0,269
CHR6	21819441	CHR6:21819441	SSF x Near_LoA	-8,281	0,077	0,283
CHR6	2182278	CHR6:2182278	SSF x Near_LoA	-7,609	0,009	0,280
CHR6	2182290	CHR6:2182290	SSF x Near_LoA	-9,155	-0,068	0,283
CHR6	2182306	CHR6:2182306	SSF x Near_LoA	-6,791	-0,044	0,299
CHR6	21828720	CHR6:21828720	SSF x Near_LoA	-8,517	0,103	0,293
CHR6	21828755	CHR6:21828755	SSF x Near_LoA	-7,237	0,065	0,281
CHR6	21828779	CHR6:21828779	SSF x Near_LoA	-9,263	-0,020	0,295

CHR6	21833691	CHR6:21833691	SSF x Near_LoA	-9,598	0,077	0,277
CHR6	21833783	CHR6:21833783	SSF x Near_LoA	-9,852	0,085	0,286
CHR6	21840691	CHR6:21840691	SSF x Near_LoA	0,623	0,122	0,260
CHR6	21847644	CHR6:21847644	SSF x Near_LoA	-10,110	-0,023	0,279
CHR6	21847777	CHR6:21847777	SSF x Near_LoA	-9,765	0,062	0,276
CHR6	21847840	CHR6:21847840	SSF x Near_LoA	-9,817	-0,053	0,290
CHR6	21847960	CHR6:21847960	SSF x Near_LoA	-6,283	-0,072	0,281
CHR6	21847968	CHR6:21847968	SSF x Near_LoA	-9,214	-0,054	0,288
CHR6	21849481	CHR6:21849481	SSF x Near_LoA	-7,393	-0,017	0,281
CHR6	21849522	CHR6:21849522	SSF x Near_LoA	-7,325	0,036	0,294
CHR6	21849579	CHR6:21849579	SSF x Near_LoA	-4,335	-0,226	0,278
CHR6	21865963	CHR6:21865963	SSF x Near_LoA	-10,034	0,020	0,281
CHR6	21866021	CHR6:21866021	SSF x Near_LoA	-7,263	-0,023	0,273
CHR6	21866027	CHR6:21866027	SSF x Near_LoA	-7,352	0,081	0,282
CHR6	21897611	CHR6:21897611	SSF x Near_LoA	-9,746	-0,002	0,287
CHR6	21897663	CHR6:21897663	SSF x Near_LoA	-7,936	0,047	0,294
CHR6	21897697	CHR6:21897697	SSF x Near_LoA	-9,493	0,017	0,298
CHR6	21901156	CHR6:21901156	SSF x Near_LoA	-0,978	-0,177	0,277
CHR6	2190578	CHR6:2190578	SSF x Near_LoA	-6,418	0,182	0,270
CHR6	2190590	CHR6:2190590	SSF x Near_LoA	-10,659	-0,004	0,284
CHR6	2190747	CHR6:2190747	SSF x Near_LoA	-5,244	0,031	0,297
CHR6	2190772	CHR6:2190772	SSF x Near_LoA	-7,865	0,013	0,295
CHR6	2190781	CHR6:2190781	SSF x Near_LoA	-6,776	-0,131	0,283
CHR6	2190795	CHR6:2190795	SSF x Near_LoA	-8,673	-0,054	0,288
CHR6	2190802	CHR6:2190802	SSF x Near_LoA	-8,122	-0,042	0,299
CHR6	2190806	CHR6:2190806	SSF x Near_LoA	-8,317	0,005	0,307
CHR6	2190841	CHR6:2190841	SSF x Near_LoA	-5,187	-0,193	0,274
CHR6	2190876	CHR6:2190876	SSF x Near_LoA	-8,839	-0,016	0,284
CHR6	21910795	CHR6:21910795	SSF x Near_LoA	-6,713	0,174	0,266
CHR6	21910822	CHR6:21910822	SSF x Near_LoA	-8,145	0,139	0,289
CHR6	21911642	CHR6:21911642	SSF x Near_LoA	-9,543	0,018	0,297
CHR6	21924983	CHR6:21924983	SSF x Near_LoA	-5,808	-0,077	0,296
CHR6	21924985	CHR6:21924985	SSF x Near_LoA	-8,078	-0,065	0,291
CHR6	21925004	CHR6:21925004	SSF x Near_LoA	-7,959	0,045	0,292
CHR6	21925045	CHR6:21925045	SSF x Near_LoA	-7,456	-0,068	0,277
CHR6	21925081	CHR6:21925081	SSF x Near_LoA	-8,976	-0,087	0,281
CHR6	21925114	CHR6:21925114	SSF x Near_LoA	-8,028	-0,049	0,288
CHR6	21925148	CHR6:21925148	SSF x Near_LoA	-8,727	-0,061	0,302
CHR6	21925209	CHR6:21925209	SSF x Near_LoA	-9,653	-0,002	0,284
CHR6	21935953	CHR6:21935953	SSF x Near_LoA	-4,519	0,128	0,299
CHR6	21936088	CHR6:21936088	SSF x Near_LoA	-8,463	0,068	0,287
CHR6	21968255	CHR6:21968255	SSF x Near_LoA	-6,408	0,148	0,275
CHR6	21968267	CHR6:21968267	SSF x Near_LoA	-9,241	-0,081	0,279
CHR6	21977587	CHR6:21977587	SSF x Near_LoA	-7,656	-0,027	0,290
CHR6	22000244	CHR6:22000244	SSF x Near_LoA	-5,930	-0,152	0,284
CHR6	22006169	CHR6:22006169	SSF x Near_LoA	-6,264	0,124	0,274
CHR6	22006329	CHR6:22006329	SSF x Near_LoA	-1,690	-0,278	0,283
CHR6	22010096	CHR6:22010096	SSF x Near_LoA	-8,916	-0,059	0,267
CHR6	22010100	CHR6:22010100	SSF x Near_LoA	-8,228	-0,057	0,284
CHR6	22010104	CHR6:22010104	SSF x Near_LoA	-7,792	-0,099	0,284
CHR6	22023060	CHR6:22023060	SSF x Near_LoA	-9,084	0,060	0,280
CHR6	22023071	CHR6:22023071	SSF x Near_LoA	-6,081	0,012	0,286
CHR6	22023269	CHR6:22023269	SSF x Near_LoA	-2,308	-0,186	0,292

CHR6	22027374	CHR6:22027374	SSF x Near_LoA	-9,287	0,014	0,277
CHR6	22029485	CHR6:22029485	SSF x Near_LoA	-10,556	0,072	0,270
CHR6	22029726	CHR6:22029726	SSF x Near_LoA	-8,945	0,079	0,273
CHR6	22030824	CHR6:22030824	SSF x Near_LoA	-3,510	0,209	0,287
CHR6	22032989	CHR6:22032989	SSF x Near_LoA	-7,937	-0,112	0,285
CHR6	22068107	CHR6:22068107	SSF x Near_LoA	-9,694	-0,108	0,274
CHR6	22068184	CHR6:22068184	SSF x Near_LoA	-7,533	0,055	0,288
CHR6	22097063	CHR6:22097063	SSF x Near_LoA	-7,529	-0,050	0,287
CHR6	22097098	CHR6:22097098	SSF x Near_LoA	-5,949	0,078	0,278
CHR6	22097183	CHR6:22097183	SSF x Near_LoA	-8,266	-0,078	0,275
CHR6	22097184	CHR6:22097184	SSF x Near_LoA	-7,202	-0,063	0,266
CHR6	22097216	CHR6:22097216	SSF x Near_LoA	-9,285	0,098	0,281
CHR6	22106275	CHR6:22106275	SSF x Near_LoA	-6,572	-0,016	0,290
CHR6	22110147	CHR6:22110147	SSF x Near_LoA	-6,562	-0,011	0,280
CHR6	22110173	CHR6:22110173	SSF x Near_LoA	-8,675	-0,085	0,281
CHR6	22110185	CHR6:22110185	SSF x Near_LoA	-8,368	0,038	0,273
CHR6	22115907	CHR6:22115907	SSF x Near_LoA	-7,745	0,021	0,298
CHR6	22116153	CHR6:22116153	SSF x Near_LoA	-10,160	-0,061	0,288
CHR6	22116156	CHR6:22116156	SSF x Near_LoA	-8,210	-0,036	0,275
CHR6	22119199	CHR6:22119199	SSF x Near_LoA	-7,610	0,022	0,291
CHR6	22119201	CHR6:22119201	SSF x Near_LoA	-7,398	0,091	0,279
CHR6	22119432	CHR6:22119432	SSF x Near_LoA	-7,754	0,023	0,292
CHR6	22119469	CHR6:22119469	SSF x Near_LoA	-6,080	0,046	0,284
CHR6	22119496	CHR6:22119496	SSF x Near_LoA	-10,627	-0,016	0,285
CHR6	22125986	CHR6:22125986	SSF x Near_LoA	-7,811	0,167	0,276
CHR6	22135343	CHR6:22135343	SSF x Near_LoA	-0,441	0,153	0,283
CHR6	22135566	CHR6:22135566	SSF x Near_LoA	-2,592	-0,024	0,284
CHR6	22135620	CHR6:22135620	SSF x Near_LoA	-9,824	0,115	0,269
CHR6	22140693	CHR6:22140693	SSF x Near_LoA	-9,075	0,044	0,289
CHR6	22140708	CHR6:22140708	SSF x Near_LoA	-8,331	0,017	0,296
CHR6	22146323	CHR6:22146323	SSF x Near_LoA	-10,571	-0,064	0,282
CHR6	22159735	CHR6:22159735	SSF x Near_LoA	-9,695	-0,071	0,283
CHR6	22159740	CHR6:22159740	SSF x Near_LoA	-9,348	-0,059	0,297
CHR6	22159743	CHR6:22159743	SSF x Near_LoA	-10,585	-0,048	0,283
CHR6	22159775	CHR6:22159775	SSF x Near_LoA	-7,596	-0,006	0,297
CHR6	22159827	CHR6:22159827	SSF x Near_LoA	-10,376	-0,008	0,283
CHR6	22159910	CHR6:22159910	SSF x Near_LoA	-2,142	0,203	0,269
CHR6	22159915	CHR6:22159915	SSF x Near_LoA	-7,361	-0,140	0,282
CHR6	22173116	CHR6:22173116	SSF x Near_LoA	-6,707	-0,197	0,276
CHR6	22180932	CHR6:22180932	SSF x Near_LoA	-7,480	-0,053	0,281
CHR6	22180996	CHR6:22180996	SSF x Near_LoA	-9,557	0,071	0,286
CHR6	22181000	CHR6:22181000	SSF x Near_LoA	-7,020	-0,086	0,287
CHR6	22181050	CHR6:22181050	SSF x Near_LoA	-9,504	-0,078	0,275
CHR6	22184641	CHR6:22184641	SSF x Near_LoA	-6,152	-0,152	0,275
CHR6	2218752	CHR6:2218752	SSF x Near_LoA	-5,148	-0,224	0,272
CHR6	2218758	CHR6:2218758	SSF x Near_LoA	-8,741	0,089	0,273
CHR6	2218847	CHR6:2218847	SSF x Near_LoA	-9,485	-0,062	0,285
CHR6	22198530	CHR6:22198530	SSF x Near_LoA	-8,686	0,005	0,307
CHR6	22201178	CHR6:22201178	SSF x Near_LoA	-5,487	0,158	0,268
CHR6	22208566	CHR6:22208566	SSF x Near_LoA	-9,232	0,005	0,309
CHR6	22211656	CHR6:22211656	SSF x Near_LoA	-9,048	0,152	0,286
CHR6	22211664	CHR6:22211664	SSF x Near_LoA	-9,507	0,057	0,283
CHR6	22213269	CHR6:22213269	SSF x Near_LoA	-8,329	0,102	0,290

CHR6	22225339	CHR6:22225339	SSF x Near_LoA	-9,074	0,130	0,247
CHR6	22225381	CHR6:22225381	SSF x Near_LoA	-6,476	0,102	0,278
CHR6	22225400	CHR6:22225400	SSF x Near_LoA	-7,225	0,090	0,271
CHR6	22225405	CHR6:22225405	SSF x Near_LoA	-7,507	0,085	0,269
CHR6	22225600	CHR6:22225600	SSF x Near_LoA	-8,376	-0,045	0,288
CHR6	22225609	CHR6:22225609	SSF x Near_LoA	-6,207	0,152	0,278
CHR6	22251181	CHR6:22251181	SSF x Near_LoA	-8,853	-0,008	0,288
CHR6	22251199	CHR6:22251199	SSF x Near_LoA	-6,603	0,111	0,283
CHR6	22251201	CHR6:22251201	SSF x Near_LoA	-8,092	0,071	0,278
CHR6	22251337	CHR6:22251337	SSF x Near_LoA	-5,954	0,165	0,293
CHR6	22251345	CHR6:22251345	SSF x Near_LoA	-3,043	0,162	0,290
CHR6	22251377	CHR6:22251377	SSF x Near_LoA	-9,286	0,052	0,284
CHR6	22251396	CHR6:22251396	SSF x Near_LoA	-8,572	0,122	0,286
CHR6	22251437	CHR6:22251437	SSF x Near_LoA	-10,299	0,000	0,280
CHR6	22251443	CHR6:22251443	SSF x Near_LoA	-7,392	0,186	0,270
CHR6	22251457	CHR6:22251457	SSF x Near_LoA	-10,107	-0,017	0,266
CHR6	22251536	CHR6:22251536	SSF x Near_LoA	-7,120	0,003	0,285
CHR6	22255235	CHR6:22255235	SSF x Near_LoA	-9,231	0,082	0,302
CHR6	2226632	CHR6:2226632	SSF x Near_LoA	-5,286	0,115	0,300
CHR6	2226651	CHR6:2226651	SSF x Near_LoA	-6,230	-0,102	0,274
CHR6	22266657	CHR6:22266657	SSF x Near_LoA	-10,147	-0,032	0,295
CHR6	22266809	CHR6:22266809	SSF x Near_LoA	-4,427	-0,228	0,276
CHR6	22266848	CHR6:22266848	SSF x Near_LoA	-7,535	0,025	0,282
CHR6	2226815	CHR6:2226815	SSF x Near_LoA	-7,511	-0,096	0,290
CHR6	22269082	CHR6:22269082	SSF x Near_LoA	-6,062	0,036	0,294
CHR6	2232449	CHR6:2232449	SSF x Near_LoA	-9,562	0,033	0,283
CHR6	2232630	CHR6:2232630	SSF x Near_LoA	-7,612	0,054	0,296
CHR6	22332339	CHR6:22332339	SSF x Near_LoA	-8,395	0,004	0,270
CHR6	22332399	CHR6:22332399	SSF x Near_LoA	-7,156	-0,083	0,311
CHR6	22332649	CHR6:22332649	SSF x Near_LoA	-6,725	0,154	0,273
CHR6	22345648	CHR6:22345648	SSF x Near_LoA	-4,133	0,187	0,279
CHR6	22353119	CHR6:22353119	SSF x Near_LoA	-2,381	0,075	0,281
CHR6	22353290	CHR6:22353290	SSF x Near_LoA	3,336	-0,169	0,286
CHR6	2239585	CHR6:2239585	SSF x Near_LoA	-8,633	-0,086	0,281
CHR6	2239646	CHR6:2239646	SSF x Near_LoA	-7,534	-0,161	0,288
CHR6	2239653	CHR6:2239653	SSF x Near_LoA	-4,451	-0,017	0,291
CHR6	22399113	CHR6:22399113	SSF x Near_LoA	-8,185	-0,091	0,271
CHR6	22471397	CHR6:22471397	SSF x Near_LoA	-9,014	0,058	0,295
CHR6	22471448	CHR6:22471448	SSF x Near_LoA	-7,710	-0,054	0,273
CHR6	22474802	CHR6:22474802	SSF x Near_LoA	-8,103	0,042	0,296
CHR6	22494449	CHR6:22494449	SSF x Near_LoA	-9,060	0,066	0,288
CHR6	22494464	CHR6:22494464	SSF x Near_LoA	-6,619	-0,141	0,278
CHR6	22494468	CHR6:22494468	SSF x Near_LoA	-6,016	-0,079	0,301
CHR6	22494518	CHR6:22494518	SSF x Near_LoA	-7,190	-0,032	0,303
CHR6	22494536	CHR6:22494536	SSF x Near_LoA	-8,735	0,047	0,291
CHR6	2249633	CHR6:2249633	SSF x Near_LoA	-7,931	0,063	0,284
CHR6	2249634	CHR6:2249634	SSF x Near_LoA	-4,971	0,187	0,274
CHR6	22515542	CHR6:22515542	SSF x Near_LoA	-6,251	0,134	0,278
CHR6	22515545	CHR6:22515545	SSF x Near_LoA	-9,349	-0,002	0,283
CHR6	22515555	CHR6:22515555	SSF x Near_LoA	-9,456	-0,033	0,277
CHR6	22515611	CHR6:22515611	SSF x Near_LoA	1,985	0,230	0,278
CHR6	22523353	CHR6:22523353	SSF x Near_LoA	-7,929	0,145	0,272
CHR6	22523387	CHR6:22523387	SSF x Near_LoA	-4,626	0,156	0,289

CHR6	22523408	CHR6:22523408	SSF x Near_LoA	-4,403	0,108	0,301
CHR6	22523416	CHR6:22523416	SSF x Near_LoA	-10,875	0,035	0,293
CHR6	22523418	CHR6:22523418	SSF x Near_LoA	-8,184	0,015	0,279
CHR6	22523443	CHR6:22523443	SSF x Near_LoA	-10,953	0,019	0,287
CHR6	22532521	CHR6:22532521	SSF x Near_LoA	-6,163	-0,097	0,277
CHR6	22532530	CHR6:22532530	SSF x Near_LoA	-7,082	-0,154	0,275
CHR6	22532556	CHR6:22532556	SSF x Near_LoA	-6,920	-0,120	0,281
CHR6	22543490	CHR6:22543490	SSF x Near_LoA	1,041	-0,105	0,312
CHR6	22548278	CHR6:22548278	SSF x Near_LoA	-7,186	0,173	0,273
CHR6	22548437	CHR6:22548437	SSF x Near_LoA	-9,369	-0,016	0,290
CHR6	22548532	CHR6:22548532	SSF x Near_LoA	-10,114	0,029	0,285
CHR6	22566802	CHR6:22566802	SSF x Near_LoA	-8,163	-0,014	0,279
CHR6	22566841	CHR6:22566841	SSF x Near_LoA	-7,328	0,020	0,297
CHR6	22566925	CHR6:22566925	SSF x Near_LoA	-4,532	0,040	0,291
CHR6	22580558	CHR6:22580558	SSF x Near_LoA	-6,549	0,012	0,285
CHR6	22604651	CHR6:22604651	SSF x Near_LoA	-7,694	-0,019	0,282
CHR6	22604725	CHR6:22604725	SSF x Near_LoA	-8,828	0,100	0,283
CHR6	22614180	CHR6:22614180	SSF x Near_LoA	-9,095	-0,102	0,290
CHR6	22614274	CHR6:22614274	SSF x Near_LoA	-7,493	0,031	0,305
CHR6	2263052	CHR6:2263052	SSF x Near_LoA	-8,250	0,058	0,274
CHR6	2263122	CHR6:2263122	SSF x Near_LoA	-6,598	-0,137	0,291
CHR6	2263174	CHR6:2263174	SSF x Near_LoA	-7,354	-0,094	0,284
CHR6	22641616	CHR6:22641616	SSF x Near_LoA	-9,425	0,120	0,283
CHR6	22641679	CHR6:22641679	SSF x Near_LoA	-9,701	-0,042	0,276
CHR6	22641709	CHR6:22641709	SSF x Near_LoA	-8,379	-0,110	0,276
CHR6	22641749	CHR6:22641749	SSF x Near_LoA	-8,812	-0,032	0,283
CHR6	22641768	CHR6:22641768	SSF x Near_LoA	-6,662	-0,094	0,279
CHR6	22644047	CHR6:22644047	SSF x Near_LoA	-7,911	0,030	0,299
CHR6	22644109	CHR6:22644109	SSF x Near_LoA	-8,795	-0,129	0,279
CHR6	22644121	CHR6:22644121	SSF x Near_LoA	-7,194	-0,118	0,285
CHR6	22644123	CHR6:22644123	SSF x Near_LoA	-7,776	-0,112	0,291
CHR6	22644135	CHR6:22644135	SSF x Near_LoA	-8,927	-0,163	0,285
CHR6	2269372	CHR6:2269372	SSF x Near_LoA	-10,545	0,080	0,283
CHR6	2269396	CHR6:2269396	SSF x Near_LoA	-7,069	-0,164	0,278
CHR6	22709875	CHR6:22709875	SSF x Near_LoA	-6,504	-0,022	0,284
CHR6	22709981	CHR6:22709981	SSF x Near_LoA	-8,956	-0,014	0,294
CHR6	22710141	CHR6:22710141	SSF x Near_LoA	-8,123	-0,007	0,289
CHR6	22714696	CHR6:22714696	SSF x Near_LoA	-6,736	0,125	0,279
CHR6	22721107	CHR6:22721107	SSF x Near_LoA	-9,824	0,023	0,271
CHR6	22727764	CHR6:22727764	SSF x Near_LoA	-7,081	0,100	0,289
CHR6	22736287	CHR6:22736287	SSF x Near_LoA	-5,683	0,119	0,282
CHR6	2274123	CHR6:2274123	SSF x Near_LoA	-5,627	0,073	0,288
CHR6	2274139	CHR6:2274139	SSF x Near_LoA	-8,129	-0,055	0,294
CHR6	2274149	CHR6:2274149	SSF x Near_LoA	-5,473	0,108	0,290
CHR6	2274183	CHR6:2274183	SSF x Near_LoA	-10,172	0,024	0,286
CHR6	22755197	CHR6:22755197	SSF x Near_LoA	-8,391	-0,038	0,271
CHR6	22849093	CHR6:22849093	SSF x Near_LoA	-9,700	-0,103	0,274
CHR6	2286366	CHR6:2286366	SSF x Near_LoA	-5,989	0,098	0,289
CHR6	22868124	CHR6:22868124	SSF x Near_LoA	-7,111	-0,003	0,301
CHR6	22899327	CHR6:22899327	SSF x Near_LoA	-7,468	0,019	0,297
CHR6	2290547	CHR6:2290547	SSF x Near_LoA	-7,357	-0,100	0,301
CHR6	2290558	CHR6:2290558	SSF x Near_LoA	-10,516	-0,055	0,281
CHR6	22913475	CHR6:22913475	SSF x Near_LoA	-6,949	-0,034	0,308

CHR6	22913774	CHR6:22913774	SSF x Near_LoA	-6,683	-0,042	0,299
CHR6	22915278	CHR6:22915278	SSF x Near_LoA	-6,667	0,018	0,305
CHR6	22946180	CHR6:22946180	SSF x Near_LoA	-7,114	-0,005	0,301
CHR6	22970537	CHR6:22970537	SSF x Near_LoA	-7,773	-0,003	0,298
CHR6	22991818	CHR6:22991818	SSF x Near_LoA	-7,175	-0,090	0,303
CHR6	23098174	CHR6:23098174	SSF x Near_LoA	-7,469	-0,004	0,298
CHR6	23099450	CHR6:23099450	SSF x Near_LoA	-7,363	0,035	0,295
CHR6	23122897	CHR6:23122897	SSF x Near_LoA	-7,592	-0,010	0,304
CHR6	23125826	CHR6:23125826	SSF x Near_LoA	-7,732	-0,003	0,300
CHR6	23128225	CHR6:23128225	SSF x Near_LoA	-7,739	-0,043	0,303
CHR6	23129125	CHR6:23129125	SSF x Near_LoA	-7,827	-0,026	0,304
CHR6	2313287	CHR6:2313287	SSF x Near_LoA	-5,512	-0,150	0,282
CHR6	2313341	CHR6:2313341	SSF x Near_LoA	-5,232	0,196	0,270
CHR6	2313376	CHR6:2313376	SSF x Near_LoA	-7,145	-0,155	0,288
CHR6	2313482	CHR6:2313482	SSF x Near_LoA	-9,697	0,089	0,273
CHR6	2315164	CHR6:2315164	SSF x Near_LoA	-3,472	0,300	0,243
CHR6	2315256	CHR6:2315256	SSF x Near_LoA	-6,758	0,078	0,285
CHR6	2317867	CHR6:2317867	SSF x Near_LoA	-10,434	0,072	0,287
CHR6	2317959	CHR6:2317959	SSF x Near_LoA	-10,241	-0,011	0,281
CHR6	2327962	CHR6:2327962	SSF x Near_LoA	-9,943	0,079	0,282
CHR6	2327970	CHR6:2327970	SSF x Near_LoA	-3,555	0,107	0,276
CHR6	2328053	CHR6:2328053	SSF x Near_LoA	-9,656	0,029	0,276
CHR6	2335574	CHR6:2335574	SSF x Near_LoA	-7,999	-0,012	0,303
CHR6	2335576	CHR6:2335576	SSF x Near_LoA	-8,987	0,016	0,296
CHR6	2336530	CHR6:2336530	SSF x Near_LoA	-7,515	0,120	0,279
CHR6	2350312	CHR6:2350312	SSF x Near_LoA	-8,242	0,047	0,282
CHR6	2350325	CHR6:2350325	SSF x Near_LoA	-5,894	-0,117	0,285
CHR6	2350373	CHR6:2350373	SSF x Near_LoA	-9,528	-0,069	0,281
CHR6	2350390	CHR6:2350390	SSF x Near_LoA	-8,019	-0,009	0,286
CHR6	2350422	CHR6:2350422	SSF x Near_LoA	-8,704	-0,072	0,284
CHR6	2362931	CHR6:2362931	SSF x Near_LoA	-9,515	-0,011	0,275
CHR6	2362951	CHR6:2362951	SSF x Near_LoA	-9,417	0,090	0,285
CHR6	2382681	CHR6:2382681	SSF x Near_LoA	-4,650	-0,180	0,273
CHR6	2382831	CHR6:2382831	SSF x Near_LoA	-8,876	0,103	0,278
CHR6	2382903	CHR6:2382903	SSF x Near_LoA	-7,968	0,014	0,273
CHR6	2382922	CHR6:2382922	SSF x Near_LoA	-10,105	0,058	0,279
CHR6	2429450	CHR6:2429450	SSF x Near_LoA	1,009	-0,082	0,281
CHR6	2429538	CHR6:2429538	SSF x Near_LoA	-9,076	-0,058	0,286
CHR6	2429696	CHR6:2429696	SSF x Near_LoA	-10,041	0,065	0,291
CHR6	2429707	CHR6:2429707	SSF x Near_LoA	-9,295	-0,082	0,283
CHR6	2434642	CHR6:2434642	SSF x Near_LoA	-10,036	0,008	0,292
CHR6	2434739	CHR6:2434739	SSF x Near_LoA	-8,938	-0,036	0,268
CHR6	2471336	CHR6:2471336	SSF x Near_LoA	-9,389	0,024	0,287
CHR6	2478175	CHR6:2478175	SSF x Near_LoA	0,494	-0,156	0,270
CHR6	2478180	CHR6:2478180	SSF x Near_LoA	-10,052	-0,063	0,292
CHR6	2478215	CHR6:2478215	SSF x Near_LoA	-8,278	-0,044	0,284
CHR6	2494995	CHR6:2494995	SSF x Near_LoA	-9,616	-0,015	0,281
CHR6	2495024	CHR6:2495024	SSF x Near_LoA	-9,297	-0,002	0,281
CHR6	2495087	CHR6:2495087	SSF x Near_LoA	-9,380	-0,059	0,283
CHR6	2508360	CHR6:2508360	SSF x Near_LoA	-5,746	0,111	0,291
CHR6	2511825	CHR6:2511825	SSF x Near_LoA	-7,279	0,085	0,284
CHR6	2511904	CHR6:2511904	SSF x Near_LoA	-7,720	-0,044	0,272
CHR6	2511912	CHR6:2511912	SSF x Near_LoA	-8,115	0,004	0,278

CHR6	2511950	CHR6:2511950	SSF x Near_LoA	-9,354	-0,153	0,268
CHR6	2512016	CHR6:2512016	SSF x Near_LoA	-6,842	0,056	0,293
CHR6	251513	CHR6:251513	SSF x Near_LoA	-9,379	0,043	0,287
CHR6	2537839	CHR6:2537839	SSF x Near_LoA	-9,258	-0,012	0,277
CHR6	2542548	CHR6:2542548	SSF x Near_LoA	-10,060	-0,004	0,302
CHR6	2542551	CHR6:2542551	SSF x Near_LoA	-9,131	0,001	0,285
CHR6	2542657	CHR6:2542657	SSF x Near_LoA	-6,945	0,116	0,272
CHR6	2542679	CHR6:2542679	SSF x Near_LoA	-4,490	-0,177	0,284
CHR6	2542697	CHR6:2542697	SSF x Near_LoA	-7,934	0,054	0,299
CHR6	2542698	CHR6:2542698	SSF x Near_LoA	-7,324	0,071	0,282
CHR6	2543977	CHR6:2543977	SSF x Near_LoA	-8,331	-0,039	0,292
CHR6	2544085	CHR6:2544085	SSF x Near_LoA	-8,598	-0,028	0,302
CHR6	2544116	CHR6:2544116	SSF x Near_LoA	-10,480	0,033	0,279
CHR6	2544220	CHR6:2544220	SSF x Near_LoA	-7,734	-0,122	0,279
CHR6	2544229	CHR6:2544229	SSF x Near_LoA	-2,106	-0,105	0,287
CHR6	2544249	CHR6:2544249	SSF x Near_LoA	-5,347	-0,120	0,274
CHR6	2544346	CHR6:2544346	SSF x Near_LoA	-3,458	0,187	0,264
CHR6	2551099	CHR6:2551099	SSF x Near_LoA	-10,641	-0,060	0,282
CHR6	2551103	CHR6:2551103	SSF x Near_LoA	-6,080	-0,123	0,293
CHR6	2551331	CHR6:2551331	SSF x Near_LoA	-3,726	-0,155	0,274
CHR6	2558160	CHR6:2558160	SSF x Near_LoA	-8,687	0,004	0,270
CHR6	2563149	CHR6:2563149	SSF x Near_LoA	-7,336	-0,078	0,285
CHR6	2563152	CHR6:2563152	SSF x Near_LoA	-3,769	0,210	0,275
CHR6	2563154	CHR6:2563154	SSF x Near_LoA	-8,742	-0,020	0,283
CHR6	2563175	CHR6:2563175	SSF x Near_LoA	-8,283	-0,010	0,301
CHR6	2563184	CHR6:2563184	SSF x Near_LoA	-7,459	-0,043	0,295
CHR6	2568743	CHR6:2568743	SSF x Near_LoA	-7,971	-0,079	0,287
CHR6	2568769	CHR6:2568769	SSF x Near_LoA	-7,766	-0,133	0,276
CHR6	2568789	CHR6:2568789	SSF x Near_LoA	-7,406	-0,120	0,281
CHR6	2569094	CHR6:2569094	SSF x Near_LoA	-7,702	0,062	0,289
CHR6	2569137	CHR6:2569137	SSF x Near_LoA	-8,730	-0,021	0,282
CHR6	2569148	CHR6:2569148	SSF x Near_LoA	-7,369	-0,048	0,291
CHR6	2571957	CHR6:2571957	SSF x Near_LoA	-8,201	-0,096	0,283
CHR6	2571969	CHR6:2571969	SSF x Near_LoA	-8,861	-0,073	0,280
CHR6	2571973	CHR6:2571973	SSF x Near_LoA	-9,061	0,077	0,298
CHR6	2573170	CHR6:2573170	SSF x Near_LoA	-0,135	0,158	0,282
CHR6	2623872	CHR6:2623872	SSF x Near_LoA	-6,787	0,117	0,280
CHR6	2638090	CHR6:2638090	SSF x Near_LoA	-8,440	0,084	0,281
CHR6	2642684	CHR6:2642684	SSF x Near_LoA	-9,910	-0,088	0,281
CHR6	2660143	CHR6:2660143	SSF x Near_LoA	-7,891	0,039	0,279
CHR6	2660243	CHR6:2660243	SSF x Near_LoA	-7,443	-0,034	0,304
CHR6	2663946	CHR6:2663946	SSF x Near_LoA	-7,250	0,079	0,307
CHR6	2663989	CHR6:2663989	SSF x Near_LoA	-6,671	0,089	0,290
CHR6	2664174	CHR6:2664174	SSF x Near_LoA	-6,129	-0,184	0,279
CHR6	2666949	CHR6:2666949	SSF x Near_LoA	-7,932	-0,102	0,280
CHR6	2666979	CHR6:2666979	SSF x Near_LoA	-5,910	0,102	0,291
CHR6	2667087	CHR6:2667087	SSF x Near_LoA	-8,827	0,085	0,274
CHR6	2667091	CHR6:2667091	SSF x Near_LoA	-3,841	-0,265	0,272
CHR6	2672423	CHR6:2672423	SSF x Near_LoA	-7,333	-0,146	0,290
CHR6	2672481	CHR6:2672481	SSF x Near_LoA	-6,422	-0,128	0,280
CHR6	2672833	CHR6:2672833	SSF x Near_LoA	-7,258	-0,089	0,296
CHR6	2672834	CHR6:2672834	SSF x Near_LoA	-9,244	0,121	0,284
CHR6	2682984	CHR6:2682984	SSF x Near_LoA	-8,986	0,014	0,288

CHR6	2683048	CHR6:2683048	SSF x Near_LoA	-6,964	0,105	0,274
CHR6	2683072	CHR6:2683072	SSF x Near_LoA	-7,783	-0,083	0,285
CHR6	2683097	CHR6:2683097	SSF x Near_LoA	-9,701	0,051	0,298
CHR6	2683141	CHR6:2683141	SSF x Near_LoA	-7,803	-0,112	0,290
CHR6	2683149	CHR6:2683149	SSF x Near_LoA	-9,231	0,023	0,290
CHR6	2683175	CHR6:2683175	SSF x Near_LoA	-7,815	-0,005	0,293
CHR6	2683422	CHR6:2683422	SSF x Near_LoA	-7,800	0,148	0,264
CHR6	2708894	CHR6:2708894	SSF x Near_LoA	-1,261	-0,236	0,277
CHR6	2709049	CHR6:2709049	SSF x Near_LoA	-6,411	-0,117	0,290
CHR6	2709084	CHR6:2709084	SSF x Near_LoA	-10,086	0,000	0,285
CHR6	2709085	CHR6:2709085	SSF x Near_LoA	-8,412	-0,031	0,284
CHR6	2709110	CHR6:2709110	SSF x Near_LoA	-7,269	-0,029	0,289
CHR6	2715024	CHR6:2715024	SSF x Near_LoA	-8,958	-0,121	0,272
CHR6	2715207	CHR6:2715207	SSF x Near_LoA	-9,523	0,050	0,265
CHR6	2719540	CHR6:2719540	SSF x Near_LoA	-9,033	-0,020	0,292
CHR6	2719593	CHR6:2719593	SSF x Near_LoA	-2,463	0,222	0,272
CHR6	2719679	CHR6:2719679	SSF x Near_LoA	-9,130	-0,135	0,283
CHR6	2728319	CHR6:2728319	SSF x Near_LoA	-1,394	0,148	0,289
CHR6	2728512	CHR6:2728512	SSF x Near_LoA	-10,373	0,063	0,285
CHR6	2731616	CHR6:2731616	SSF x Near_LoA	-1,292	0,207	0,261
CHR6	2737214	CHR6:2737214	SSF x Near_LoA	-8,422	0,014	0,286
CHR6	2737242	CHR6:2737242	SSF x Near_LoA	-8,242	0,045	0,291
CHR6	2737265	CHR6:2737265	SSF x Near_LoA	-7,147	-0,107	0,296
CHR6	2751560	CHR6:2751560	SSF x Near_LoA	-8,111	0,057	0,291
CHR6	2751583	CHR6:2751583	SSF x Near_LoA	-9,726	0,057	0,284
CHR6	2751730	CHR6:2751730	SSF x Near_LoA	-9,569	-0,116	0,275
CHR6	2751748	CHR6:2751748	SSF x Near_LoA	-7,009	-0,128	0,270
CHR6	2751782	CHR6:2751782	SSF x Near_LoA	-4,025	0,169	0,275
CHR6	2751790	CHR6:2751790	SSF x Near_LoA	-6,912	-0,091	0,280
CHR6	2757824	CHR6:2757824	SSF x Near_LoA	-9,360	0,062	0,280
CHR6	2758061	CHR6:2758061	SSF x Near_LoA	-10,175	0,029	0,287
CHR6	2758126	CHR6:2758126	SSF x Near_LoA	-7,119	0,076	0,287
CHR6	2762773	CHR6:2762773	SSF x Near_LoA	-6,550	-0,108	0,282
CHR6	2762860	CHR6:2762860	SSF x Near_LoA	-0,614	0,263	0,267
CHR6	2762863	CHR6:2762863	SSF x Near_LoA	-7,940	-0,023	0,285
CHR6	2762959	CHR6:2762959	SSF x Near_LoA	-8,259	0,203	0,289
CHR6	2763149	CHR6:2763149	SSF x Near_LoA	-6,099	-0,147	0,282
CHR6	2763152	CHR6:2763152	SSF x Near_LoA	-4,519	-0,178	0,285
CHR6	2772165	CHR6:2772165	SSF x Near_LoA	-4,568	0,101	0,288
CHR6	2772171	CHR6:2772171	SSF x Near_LoA	-8,022	0,074	0,270
CHR6	2772195	CHR6:2772195	SSF x Near_LoA	-6,958	0,080	0,293
CHR6	2772241	CHR6:2772241	SSF x Near_LoA	-7,381	-0,034	0,289
CHR6	2772242	CHR6:2772242	SSF x Near_LoA	-8,202	0,016	0,287
CHR6	2786664	CHR6:2786664	SSF x Near_LoA	-5,313	-0,049	0,303
CHR6	2803424	CHR6:2803424	SSF x Near_LoA	-6,435	-0,099	0,299
CHR6	2803465	CHR6:2803465	SSF x Near_LoA	-7,789	-0,122	0,279
CHR6	2812354	CHR6:2812354	SSF x Near_LoA	-8,621	0,065	0,286
CHR6	2812355	CHR6:2812355	SSF x Near_LoA	3,103	-0,092	0,259
CHR6	2812588	CHR6:2812588	SSF x Near_LoA	-8,045	0,037	0,284
CHR6	2827498	CHR6:2827498	SSF x Near_LoA	-8,520	-0,014	0,290
CHR6	2827563	CHR6:2827563	SSF x Near_LoA	-7,023	-0,034	0,296
CHR6	2877789	CHR6:2877789	SSF x Near_LoA	0,031	0,000	0,298
CHR6	2877794	CHR6:2877794	SSF x Near_LoA	-7,281	-0,020	0,279

CHR6	2878017	CHR6:2878017	SSF x Near_LoA	-9,174	-0,143	0,292
CHR6	2885456	CHR6:2885456	SSF x Near_LoA	-5,494	0,134	0,275
CHR6	2885483	CHR6:2885483	SSF x Near_LoA	-9,607	0,001	0,282
CHR6	2885488	CHR6:2885488	SSF x Near_LoA	-7,001	-0,103	0,274
CHR6	2891011	CHR6:2891011	SSF x Near_LoA	-6,801	-0,097	0,292
CHR6	2905396	CHR6:2905396	SSF x Near_LoA	-10,558	-0,021	0,287
CHR6	2922532	CHR6:2922532	SSF x Near_LoA	-9,199	-0,037	0,292
CHR6	2922677	CHR6:2922677	SSF x Near_LoA	-7,084	-0,079	0,279
CHR6	2922691	CHR6:2922691	SSF x Near_LoA	-9,732	-0,020	0,296
CHR6	2922697	CHR6:2922697	SSF x Near_LoA	-7,973	-0,052	0,277
CHR6	2944803	CHR6:2944803	SSF x Near_LoA	-7,342	0,082	0,290
CHR6	2944866	CHR6:2944866	SSF x Near_LoA	-3,936	0,059	0,285
CHR6	2944867	CHR6:2944867	SSF x Near_LoA	-6,759	-0,158	0,285
CHR6	2949137	CHR6:2949137	SSF x Near_LoA	-9,727	0,048	0,296
CHR6	2949430	CHR6:2949430	SSF x Near_LoA	-9,467	0,142	0,266
CHR6	2953799	CHR6:2953799	SSF x Near_LoA	-8,984	-0,076	0,295
CHR6	2953894	CHR6:2953894	SSF x Near_LoA	-8,281	0,069	0,277
CHR6	2954067	CHR6:2954067	SSF x Near_LoA	-7,137	0,147	0,271
CHR6	2954083	CHR6:2954083	SSF x Near_LoA	-9,616	0,112	0,277
CHR6	2954101	CHR6:2954101	SSF x Near_LoA	-4,838	0,160	0,278
CHR6	2954102	CHR6:2954102	SSF x Near_LoA	-5,389	0,143	0,277
CHR6	2968143	CHR6:2968143	SSF x Near_LoA	-7,559	-0,051	0,293
CHR6	2968160	CHR6:2968160	SSF x Near_LoA	-8,871	0,128	0,265
CHR6	2968180	CHR6:2968180	SSF x Near_LoA	-9,499	0,018	0,264
CHR6	2968192	CHR6:2968192	SSF x Near_LoA	-9,098	0,023	0,279
CHR6	2968200	CHR6:2968200	SSF x Near_LoA	-8,948	-0,121	0,277
CHR6	2968281	CHR6:2968281	SSF x Near_LoA	-5,449	-0,024	0,290
CHR6	2968405	CHR6:2968405	SSF x Near_LoA	-7,527	-0,099	0,279
CHR6	2968546	CHR6:2968546	SSF x Near_LoA	-7,520	-0,113	0,288
CHR6	2976397	CHR6:2976397	SSF x Near_LoA	-6,198	0,143	0,268
CHR6	2976456	CHR6:2976456	SSF x Near_LoA	-7,148	0,075	0,286
CHR6	2978346	CHR6:2978346	SSF x Near_LoA	-8,446	0,048	0,294
CHR6	2978388	CHR6:2978388	SSF x Near_LoA	-9,438	-0,006	0,288
CHR6	2990617	CHR6:2990617	SSF x Near_LoA	-11,193	0,049	0,277
CHR6	2990658	CHR6:2990658	SSF x Near_LoA	-10,607	0,045	0,280
CHR6	2990716	CHR6:2990716	SSF x Near_LoA	-7,036	0,044	0,279
CHR6	2990758	CHR6:2990758	SSF x Near_LoA	-6,037	0,163	0,297
CHR6	2990772	CHR6:2990772	SSF x Near_LoA	-4,058	0,204	0,278
CHR6	2990847	CHR6:2990847	SSF x Near_LoA	-7,689	0,078	0,292
CHR6	2990852	CHR6:2990852	SSF x Near_LoA	-9,537	-0,070	0,277
CHR6	2990968	CHR6:2990968	SSF x Near_LoA	-9,113	-0,024	0,298
CHR6	2990969	CHR6:2990969	SSF x Near_LoA	-6,976	0,131	0,294
CHR6	2991000	CHR6:2991000	SSF x Near_LoA	-9,192	0,025	0,289
CHR6	2995566	CHR6:2995566	SSF x Near_LoA	-6,718	0,165	0,277
CHR6	2996471	CHR6:2996471	SSF x Near_LoA	-9,520	-0,060	0,300
CHR6	2996582	CHR6:2996582	SSF x Near_LoA	-2,903	-0,019	0,283
CHR6	3004162	CHR6:3004162	SSF x Near_LoA	-7,044	-0,002	0,286
CHR6	3004209	CHR6:3004209	SSF x Near_LoA	-6,961	-0,046	0,298
CHR6	3004225	CHR6:3004225	SSF x Near_LoA	-6,705	-0,026	0,294
CHR6	3007991	CHR6:3007991	SSF x Near_LoA	-7,873	0,077	0,292
CHR6	3008032	CHR6:3008032	SSF x Near_LoA	-9,844	0,035	0,286
CHR6	3008044	CHR6:3008044	SSF x Near_LoA	-6,691	0,090	0,265
CHR6	3008083	CHR6:3008083	SSF x Near_LoA	-7,645	0,028	0,284

CHR6	3008109	CHR6:3008109	SSF x Near_LoA	-3,901	0,140	0,280
CHR6	3008264	CHR6:3008264	SSF x Near_LoA	-7,715	0,076	0,285
CHR6	3008268	CHR6:3008268	SSF x Near_LoA	-6,960	0,114	0,276
CHR6	3017905	CHR6:3017905	SSF x Near_LoA	-8,510	-0,054	0,267
CHR6	3017983	CHR6:3017983	SSF x Near_LoA	-8,147	-0,138	0,287
CHR6	3018056	CHR6:3018056	SSF x Near_LoA	-10,263	-0,047	0,279
CHR6	3018128	CHR6:3018128	SSF x Near_LoA	-7,218	0,065	0,300
CHR6	3023363	CHR6:3023363	SSF x Near_LoA	-7,018	-0,083	0,282
CHR6	3034488	CHR6:3034488	SSF x Near_LoA	-7,868	0,067	0,275
CHR6	3034534	CHR6:3034534	SSF x Near_LoA	-3,881	-0,211	0,279
CHR6	3034548	CHR6:3034548	SSF x Near_LoA	-0,924	-0,164	0,280
CHR6	3034562	CHR6:3034562	SSF x Near_LoA	-4,612	-0,141	0,281
CHR6	3037760	CHR6:3037760	SSF x Near_LoA	-3,377	0,086	0,295
CHR6	3037790	CHR6:3037790	SSF x Near_LoA	-8,144	-0,009	0,296
CHR6	3037813	CHR6:3037813	SSF x Near_LoA	-7,604	0,126	0,268
CHR6	3037917	CHR6:3037917	SSF x Near_LoA	-7,675	0,095	0,286
CHR6	3037925	CHR6:3037925	SSF x Near_LoA	-8,759	0,042	0,282
CHR6	3037992	CHR6:3037992	SSF x Near_LoA	-9,545	-0,080	0,300
CHR6	3038049	CHR6:3038049	SSF x Near_LoA	-7,648	0,046	0,284
CHR6	303999	CHR6:303999	SSF x Near_LoA	-9,837	0,020	0,297
CHR6	304111	CHR6:304111	SSF x Near_LoA	-8,636	-0,041	0,288
CHR6	304127	CHR6:304127	SSF x Near_LoA	-6,747	0,082	0,300
CHR6	3075237	CHR6:3075237	SSF x Near_LoA	-8,866	-0,023	0,290
CHR6	3075246	CHR6:3075246	SSF x Near_LoA	-7,177	-0,042	0,293
CHR6	3075251	CHR6:3075251	SSF x Near_LoA	-7,719	0,088	0,282
CHR6	3075280	CHR6:3075280	SSF x Near_LoA	-7,490	-0,084	0,277
CHR6	3075303	CHR6:3075303	SSF x Near_LoA	-7,667	0,123	0,268
CHR6	3075411	CHR6:3075411	SSF x Near_LoA	-10,391	-0,001	0,292
CHR6	3075486	CHR6:3075486	SSF x Near_LoA	-3,990	-0,232	0,270
CHR6	3099561	CHR6:3099561	SSF x Near_LoA	-9,396	0,013	0,284
CHR6	3099724	CHR6:3099724	SSF x Near_LoA	-10,354	0,005	0,285
CHR6	3099730	CHR6:3099730	SSF x Near_LoA	-10,721	0,044	0,283
CHR6	3114159	CHR6:3114159	SSF x Near_LoA	-6,478	0,121	0,275
CHR6	3114190	CHR6:3114190	SSF x Near_LoA	-7,914	-0,101	0,288
CHR6	3114299	CHR6:3114299	SSF x Near_LoA	-5,532	-0,191	0,261
CHR6	3114360	CHR6:3114360	SSF x Near_LoA	-7,774	-0,179	0,284
CHR6	3114441	CHR6:3114441	SSF x Near_LoA	-6,221	-0,120	0,293
CHR6	3132030	CHR6:3132030	SSF x Near_LoA	-7,306	0,043	0,294
CHR6	3135177	CHR6:3135177	SSF x Near_LoA	-7,902	-0,140	0,263
CHR6	3135204	CHR6:3135204	SSF x Near_LoA	-8,678	0,027	0,292
CHR6	3135206	CHR6:3135206	SSF x Near_LoA	-6,553	0,030	0,294
CHR6	3135319	CHR6:3135319	SSF x Near_LoA	-9,581	0,023	0,277
CHR6	3135320	CHR6:3135320	SSF x Near_LoA	-7,513	0,051	0,294
CHR6	3135378	CHR6:3135378	SSF x Near_LoA	-9,227	0,001	0,284
CHR6	3135383	CHR6:3135383	SSF x Near_LoA	-9,533	-0,023	0,284
CHR6	3135412	CHR6:3135412	SSF x Near_LoA	-5,783	-0,019	0,285
CHR6	3148580	CHR6:3148580	SSF x Near_LoA	-9,961	0,032	0,282
CHR6	3148824	CHR6:3148824	SSF x Near_LoA	-10,474	0,022	0,289
CHR6	3167717	CHR6:3167717	SSF x Near_LoA	-7,534	0,083	0,292
CHR6	3167722	CHR6:3167722	SSF x Near_LoA	-5,579	0,172	0,273
CHR6	3176119	CHR6:3176119	SSF x Near_LoA	-9,177	0,087	0,289
CHR6	3176171	CHR6:3176171	SSF x Near_LoA	-8,417	-0,012	0,282
CHR6	3176179	CHR6:3176179	SSF x Near_LoA	-10,121	0,005	0,281

CHR6	3176181	CHR6:3176181	SSF x Near_LoA	-8,312	-0,011	0,280
CHR6	3176269	CHR6:3176269	SSF x Near_LoA	-9,714	0,065	0,286
CHR6	3180858	CHR6:3180858	SSF x Near_LoA	-9,743	0,064	0,280
CHR6	3180891	CHR6:3180891	SSF x Near_LoA	-6,186	-0,088	0,282
CHR6	3180897	CHR6:3180897	SSF x Near_LoA	-5,774	-0,102	0,271
CHR6	3181607	CHR6:3181607	SSF x Near_LoA	-8,421	-0,079	0,281
CHR6	3181618	CHR6:3181618	SSF x Near_LoA	-8,159	-0,044	0,294
CHR6	3183684	CHR6:3183684	SSF x Near_LoA	-8,772	-0,010	0,297
CHR6	3183697	CHR6:3183697	SSF x Near_LoA	-4,134	0,129	0,296
CHR6	3183744	CHR6:3183744	SSF x Near_LoA	-7,435	-0,150	0,280
CHR6	3183860	CHR6:3183860	SSF x Near_LoA	-6,301	-0,116	0,273
CHR6	3198696	CHR6:3198696	SSF x Near_LoA	-10,266	-0,062	0,295
CHR6	3198699	CHR6:3198699	SSF x Near_LoA	-0,522	0,025	0,301
CHR6	3198812	CHR6:3198812	SSF x Near_LoA	-9,344	0,016	0,305
CHR6	3198863	CHR6:3198863	SSF x Near_LoA	-4,962	0,226	0,276
CHR6	3198875	CHR6:3198875	SSF x Near_LoA	-7,440	-0,113	0,263
CHR6	3212653	CHR6:3212653	SSF x Near_LoA	-7,903	-0,160	0,296
CHR6	3212702	CHR6:3212702	SSF x Near_LoA	-8,446	-0,001	0,303
CHR6	3221834	CHR6:3221834	SSF x Near_LoA	-10,276	-0,057	0,276
CHR6	3221867	CHR6:3221867	SSF x Near_LoA	-6,920	-0,110	0,288
CHR6	3221907	CHR6:3221907	SSF x Near_LoA	-7,990	0,162	0,287
CHR6	3221908	CHR6:3221908	SSF x Near_LoA	-8,088	-0,052	0,293
CHR6	3221934	CHR6:3221934	SSF x Near_LoA	-8,478	-0,035	0,289
CHR6	3221989	CHR6:3221989	SSF x Near_LoA	-6,950	0,163	0,272
CHR6	3222026	CHR6:3222026	SSF x Near_LoA	-7,654	-0,063	0,286
CHR6	3223591	CHR6:3223591	SSF x Near_LoA	-5,969	0,049	0,271
CHR6	3225337	CHR6:3225337	SSF x Near_LoA	-5,270	-0,154	0,275
CHR6	323293	CHR6:323293	SSF x Near_LoA	-6,994	0,092	0,291
CHR6	3239753	CHR6:3239753	SSF x Near_LoA	-8,100	-0,122	0,284
CHR6	3239791	CHR6:3239791	SSF x Near_LoA	-9,299	0,012	0,272
CHR6	3239971	CHR6:3239971	SSF x Near_LoA	-8,683	-0,156	0,288
CHR6	325826	CHR6:325826	SSF x Near_LoA	-8,520	-0,017	0,283
CHR6	325835	CHR6:325835	SSF x Near_LoA	-8,747	-0,053	0,290
CHR6	325850	CHR6:325850	SSF x Near_LoA	-6,978	0,013	0,286
CHR6	325944	CHR6:325944	SSF x Near_LoA	-10,175	-0,089	0,282
CHR6	326123	CHR6:326123	SSF x Near_LoA	-4,147	0,159	0,277
CHR6	3264819	CHR6:3264819	SSF x Near_LoA	-6,021	-0,082	0,283
CHR6	3270049	CHR6:3270049	SSF x Near_LoA	-10,208	-0,052	0,285
CHR6	3297256	CHR6:3297256	SSF x Near_LoA	-9,362	0,031	0,301
CHR6	3297312	CHR6:3297312	SSF x Near_LoA	-6,398	0,125	0,302
CHR6	3301916	CHR6:3301916	SSF x Near_LoA	-7,615	0,039	0,293
CHR6	3301924	CHR6:3301924	SSF x Near_LoA	-8,701	-0,119	0,286
CHR6	3301928	CHR6:3301928	SSF x Near_LoA	-7,196	0,059	0,290
CHR6	3301952	CHR6:3301952	SSF x Near_LoA	-8,581	0,014	0,296
CHR6	3301957	CHR6:3301957	SSF x Near_LoA	-9,419	0,049	0,296
CHR6	3306126	CHR6:3306126	SSF x Near_LoA	-8,871	-0,019	0,280
CHR6	3309828	CHR6:3309828	SSF x Near_LoA	-9,569	0,018	0,271
CHR6	3318235	CHR6:3318235	SSF x Near_LoA	-5,156	-0,035	0,304
CHR6	3318371	CHR6:3318371	SSF x Near_LoA	-7,771	0,073	0,292
CHR6	3318555	CHR6:3318555	SSF x Near_LoA	-2,014	-0,216	0,283
CHR6	3322048	CHR6:3322048	SSF x Near_LoA	-10,928	0,016	0,284
CHR6	3322067	CHR6:3322067	SSF x Near_LoA	-7,469	0,148	0,285
CHR6	3372292	CHR6:3372292	SSF x Near_LoA	-7,740	-0,027	0,286

CHR6	3372337	CHR6:3372337	SSF x Near_LoA	-10,139	0,014	0,291
CHR6	3372373	CHR6:3372373	SSF x Near_LoA	-7,859	0,029	0,291
CHR6	3372416	CHR6:3372416	SSF x Near_LoA	-7,765	-0,051	0,282
CHR6	3372441	CHR6:3372441	SSF x Near_LoA	-8,869	-0,002	0,274
CHR6	3372447	CHR6:3372447	SSF x Near_LoA	-6,265	-0,052	0,288
CHR6	3393794	CHR6:3393794	SSF x Near_LoA	-10,234	-0,073	0,273
CHR6	3396744	CHR6:3396744	SSF x Near_LoA	-8,589	0,044	0,283
CHR6	3396756	CHR6:3396756	SSF x Near_LoA	-8,771	-0,023	0,296
CHR6	3396801	CHR6:3396801	SSF x Near_LoA	-8,393	0,090	0,294
CHR6	3396814	CHR6:3396814	SSF x Near_LoA	-7,895	0,061	0,286
CHR6	3396833	CHR6:3396833	SSF x Near_LoA	-6,344	0,043	0,289
CHR6	3396834	CHR6:3396834	SSF x Near_LoA	-9,207	-0,016	0,290
CHR6	3396846	CHR6:3396846	SSF x Near_LoA	-7,281	-0,049	0,277
CHR6	3397506	CHR6:3397506	SSF x Near_LoA	5,778	0,241	0,269
CHR6	3397515	CHR6:3397515	SSF x Near_LoA	-9,550	0,109	0,268
CHR6	3397606	CHR6:3397606	SSF x Near_LoA	-8,481	-0,107	0,296
CHR6	3402960	CHR6:3402960	SSF x Near_LoA	-7,729	-0,128	0,278
CHR6	3402971	CHR6:3402971	SSF x Near_LoA	-8,805	0,103	0,274
CHR6	3402993	CHR6:3402993	SSF x Near_LoA	-8,872	0,060	0,278
CHR6	3413649	CHR6:3413649	SSF x Near_LoA	-9,393	-0,013	0,293
CHR6	3413953	CHR6:3413953	SSF x Near_LoA	-9,248	-0,016	0,283
CHR6	3418412	CHR6:3418412	SSF x Near_LoA	-9,294	-0,090	0,284
CHR6	3418597	CHR6:3418597	SSF x Near_LoA	-9,596	-0,038	0,295
CHR6	3418606	CHR6:3418606	SSF x Near_LoA	-6,534	0,005	0,296
CHR6	3432651	CHR6:3432651	SSF x Near_LoA	-10,863	0,026	0,292
CHR6	3432748	CHR6:3432748	SSF x Near_LoA	-1,288	-0,196	0,276
CHR6	3448923	CHR6:3448923	SSF x Near_LoA	-9,660	0,028	0,283
CHR6	3455494	CHR6:3455494	SSF x Near_LoA	-8,135	0,042	0,275
CHR6	3455676	CHR6:3455676	SSF x Near_LoA	-9,401	-0,083	0,292
CHR6	3468247	CHR6:3468247	SSF x Near_LoA	-8,789	-0,006	0,282
CHR6	3478974	CHR6:3478974	SSF x Near_LoA	-7,456	-0,099	0,300
CHR6	3478990	CHR6:3478990	SSF x Near_LoA	-1,498	0,224	0,266
CHR6	3479020	CHR6:3479020	SSF x Near_LoA	-8,140	0,153	0,283
CHR6	3479076	CHR6:3479076	SSF x Near_LoA	-8,221	0,012	0,275
CHR6	3479078	CHR6:3479078	SSF x Near_LoA	-5,497	0,182	0,276
CHR6	3479147	CHR6:3479147	SSF x Near_LoA	-7,821	0,199	0,266
CHR6	3479200	CHR6:3479200	SSF x Near_LoA	4,339	0,084	0,282
CHR6	3479203	CHR6:3479203	SSF x Near_LoA	-6,274	0,039	0,288
CHR6	3479246	CHR6:3479246	SSF x Near_LoA	-7,363	0,027	0,278
CHR6	3480954	CHR6:3480954	SSF x Near_LoA	-9,806	0,071	0,287
CHR6	3481049	CHR6:3481049	SSF x Near_LoA	-7,152	-0,128	0,293
CHR6	3488342	CHR6:3488342	SSF x Near_LoA	-10,127	0,004	0,291
CHR6	3491241	CHR6:3491241	SSF x Near_LoA	-7,728	0,081	0,288
CHR6	3491267	CHR6:3491267	SSF x Near_LoA	-10,274	0,043	0,279
CHR6	3491593	CHR6:3491593	SSF x Near_LoA	-6,254	0,057	0,286
CHR6	349709	CHR6:349709	SSF x Near_LoA	-8,331	-0,150	0,286
CHR6	349789	CHR6:349789	SSF x Near_LoA	-5,075	-0,111	0,278
CHR6	3500008	CHR6:3500008	SSF x Near_LoA	-6,622	-0,176	0,270
CHR6	3502666	CHR6:3502666	SSF x Near_LoA	-2,661	0,191	0,276
CHR6	3520308	CHR6:3520308	SSF x Near_LoA	-9,357	0,091	0,282
CHR6	3576576	CHR6:3576576	SSF x Near_LoA	-7,450	0,059	0,282
CHR6	3612118	CHR6:3612118	SSF x Near_LoA	1,829	-0,107	0,287
CHR6	3612125	CHR6:3612125	SSF x Near_LoA	-6,696	0,108	0,296

CHR6	3616463	CHR6:3616463	SSF x Near_LoA	-6,952	-0,072	0,281
CHR6	3616561	CHR6:3616561	SSF x Near_LoA	-5,771	0,113	0,296
CHR6	3616611	CHR6:3616611	SSF x Near_LoA	-4,443	0,113	0,287
CHR6	3619852	CHR6:3619852	SSF x Near_LoA	-8,611	-0,146	0,274
CHR6	3619933	CHR6:3619933	SSF x Near_LoA	-5,746	0,234	0,262
CHR6	362206	CHR6:362206	SSF x Near_LoA	-8,718	0,106	0,299
CHR6	362374	CHR6:362374	SSF x Near_LoA	-8,887	-0,021	0,286
CHR6	3629758	CHR6:3629758	SSF x Near_LoA	-10,000	-0,035	0,276
CHR6	3637881	CHR6:3637881	SSF x Near_LoA	-4,960	-0,114	0,288
CHR6	3637989	CHR6:3637989	SSF x Near_LoA	4,109	-0,248	0,265
CHR6	3674555	CHR6:3674555	SSF x Near_LoA	-8,763	-0,024	0,295
CHR6	3674768	CHR6:3674768	SSF x Near_LoA	-4,561	0,155	0,282
CHR6	3677473	CHR6:3677473	SSF x Near_LoA	-6,633	0,082	0,292
CHR6	3677548	CHR6:3677548	SSF x Near_LoA	-8,467	-0,004	0,299
CHR6	3680379	CHR6:3680379	SSF x Near_LoA	-5,748	-0,170	0,262
CHR6	3680531	CHR6:3680531	SSF x Near_LoA	-4,257	-0,052	0,285
CHR6	3682389	CHR6:3682389	SSF x Near_LoA	-5,680	-0,001	0,291
CHR6	3723738	CHR6:3723738	SSF x Near_LoA	-9,127	-0,029	0,272
CHR6	3726943	CHR6:3726943	SSF x Near_LoA	-1,742	-0,234	0,281
CHR6	3779120	CHR6:3779120	SSF x Near_LoA	-8,130	-0,042	0,271
CHR6	3779142	CHR6:3779142	SSF x Near_LoA	-9,287	-0,078	0,293
CHR6	3779373	CHR6:3779373	SSF x Near_LoA	-9,225	0,049	0,294
CHR6	3789919	CHR6:3789919	SSF x Near_LoA	-4,239	0,140	0,277
CHR6	3799467	CHR6:3799467	SSF x Near_LoA	-9,165	0,002	0,281
CHR6	3799484	CHR6:3799484	SSF x Near_LoA	-8,665	-0,027	0,282
CHR6	3805389	CHR6:3805389	SSF x Near_LoA	-9,266	-0,077	0,286
CHR6	3809379	CHR6:3809379	SSF x Near_LoA	-10,229	-0,052	0,292
CHR6	3809421	CHR6:3809421	SSF x Near_LoA	-8,761	-0,040	0,302
CHR6	3809454	CHR6:3809454	SSF x Near_LoA	-9,749	-0,003	0,285
CHR6	3820559	CHR6:3820559	SSF x Near_LoA	-8,388	-0,131	0,285
CHR6	3820568	CHR6:3820568	SSF x Near_LoA	-8,065	-0,108	0,285
CHR6	3820678	CHR6:3820678	SSF x Near_LoA	-7,218	0,030	0,297
CHR6	3823969	CHR6:3823969	SSF x Near_LoA	-9,825	0,032	0,295
CHR6	3823990	CHR6:3823990	SSF x Near_LoA	-7,132	-0,023	0,283
CHR6	3824025	CHR6:3824025	SSF x Near_LoA	-8,750	0,116	0,276
CHR6	3824040	CHR6:3824040	SSF x Near_LoA	-7,912	0,052	0,282
CHR6	3824081	CHR6:3824081	SSF x Near_LoA	-10,173	-0,059	0,290
CHR6	3824104	CHR6:3824104	SSF x Near_LoA	-6,594	0,152	0,289
CHR6	3826398	CHR6:3826398	SSF x Near_LoA	-7,784	0,060	0,298
CHR6	3826573	CHR6:3826573	SSF x Near_LoA	-8,508	0,052	0,282
CHR6	3826603	CHR6:3826603	SSF x Near_LoA	-10,148	0,059	0,275
CHR6	3834465	CHR6:3834465	SSF x Near_LoA	-6,605	0,122	0,278
CHR6	3834476	CHR6:3834476	SSF x Near_LoA	-9,074	0,022	0,293
CHR6	3834500	CHR6:3834500	SSF x Near_LoA	-5,653	-0,137	0,279
CHR6	3834529	CHR6:3834529	SSF x Near_LoA	-6,312	0,054	0,281
CHR6	3834539	CHR6:3834539	SSF x Near_LoA	-7,233	0,029	0,287
CHR6	3834578	CHR6:3834578	SSF x Near_LoA	-7,844	-0,001	0,292
CHR6	3834605	CHR6:3834605	SSF x Near_LoA	-9,374	-0,062	0,297
CHR6	3834612	CHR6:3834612	SSF x Near_LoA	-9,598	-0,005	0,292
CHR6	3834657	CHR6:3834657	SSF x Near_LoA	-7,176	-0,054	0,289
CHR6	3834686	CHR6:3834686	SSF x Near_LoA	-7,246	0,075	0,284
CHR6	3834823	CHR6:3834823	SSF x Near_LoA	-6,462	0,046	0,276
CHR6	3834853	CHR6:3834853	SSF x Near_LoA	-6,365	0,047	0,295

CHR6	3843927	CHR6:3843927	SSF x Near_LoA	-6,467	-0,158	0,277
CHR6	3844080	CHR6:3844080	SSF x Near_LoA	-5,535	-0,137	0,275
CHR6	3850492	CHR6:3850492	SSF x Near_LoA	-8,158	0,042	0,275
CHR6	3850571	CHR6:3850571	SSF x Near_LoA	-7,865	-0,088	0,271
CHR6	3850606	CHR6:3850606	SSF x Near_LoA	-5,310	0,022	0,291
CHR6	3850625	CHR6:3850625	SSF x Near_LoA	-7,203	0,008	0,291
CHR6	3850654	CHR6:3850654	SSF x Near_LoA	-5,420	0,176	0,281
CHR6	3850659	CHR6:3850659	SSF x Near_LoA	-4,985	0,182	0,293
CHR6	3850666	CHR6:3850666	SSF x Near_LoA	-8,255	-0,096	0,277
CHR6	3850667	CHR6:3850667	SSF x Near_LoA	-1,704	0,196	0,274
CHR6	3850679	CHR6:3850679	SSF x Near_LoA	-7,275	0,186	0,283
CHR6	3850691	CHR6:3850691	SSF x Near_LoA	-9,309	0,048	0,273
CHR6	3850793	CHR6:3850793	SSF x Near_LoA	-7,244	-0,165	0,299
CHR6	3850820	CHR6:3850820	SSF x Near_LoA	-10,224	0,100	0,279
CHR6	3860326	CHR6:3860326	SSF x Near_LoA	-9,498	0,094	0,288
CHR6	3860404	CHR6:3860404	SSF x Near_LoA	-8,851	-0,031	0,294
CHR6	3860414	CHR6:3860414	SSF x Near_LoA	-8,381	-0,014	0,267
CHR6	3878908	CHR6:3878908	SSF x Near_LoA	-9,436	0,033	0,291
CHR6	3879563	CHR6:3879563	SSF x Near_LoA	-4,329	-0,180	0,271
CHR6	3910113	CHR6:3910113	SSF x Near_LoA	-8,539	-0,137	0,271
CHR6	3918225	CHR6:3918225	SSF x Near_LoA	1,176	-0,205	0,283
CHR6	3918241	CHR6:3918241	SSF x Near_LoA	-8,915	0,002	0,289
CHR6	3918259	CHR6:3918259	SSF x Near_LoA	-8,181	-0,196	0,276
CHR6	3918262	CHR6:3918262	SSF x Near_LoA	-10,464	-0,008	0,286
CHR6	3936136	CHR6:3936136	SSF x Near_LoA	-8,855	-0,024	0,287
CHR6	3942528	CHR6:3942528	SSF x Near_LoA	-10,294	0,031	0,287
CHR6	3942529	CHR6:3942529	SSF x Near_LoA	-4,845	0,050	0,308
CHR6	394362	CHR6:394362	SSF x Near_LoA	-11,188	0,049	0,280
CHR6	394383	CHR6:394383	SSF x Near_LoA	-6,087	-0,134	0,268
CHR6	394490	CHR6:394490	SSF x Near_LoA	-4,694	0,062	0,289
CHR6	3961893	CHR6:3961893	SSF x Near_LoA	-7,291	0,052	0,258
CHR6	3961918	CHR6:3961918	SSF x Near_LoA	-9,426	-0,034	0,277
CHR6	3962038	CHR6:3962038	SSF x Near_LoA	-7,228	0,087	0,289
CHR6	3976485	CHR6:3976485	SSF x Near_LoA	-9,296	-0,112	0,290
CHR6	3981126	CHR6:3981126	SSF x Near_LoA	-5,422	0,199	0,278
CHR6	3982137	CHR6:3982137	SSF x Near_LoA	-10,006	-0,081	0,280
CHR6	3982159	CHR6:3982159	SSF x Near_LoA	-8,788	-0,073	0,293
CHR6	3982194	CHR6:3982194	SSF x Near_LoA	-8,163	0,057	0,271
CHR6	398317	CHR6:398317	SSF x Near_LoA	-6,583	0,131	0,273
CHR6	3996580	CHR6:3996580	SSF x Near_LoA	-10,253	-0,100	0,287
CHR6	3996605	CHR6:3996605	SSF x Near_LoA	-10,762	0,014	0,270
CHR6	4018582	CHR6:4018582	SSF x Near_LoA	-8,125	0,020	0,292
CHR6	4018584	CHR6:4018584	SSF x Near_LoA	-5,648	-0,025	0,298
CHR6	4018586	CHR6:4018586	SSF x Near_LoA	-8,291	0,023	0,278
CHR6	4018608	CHR6:4018608	SSF x Near_LoA	-7,741	0,042	0,308
CHR6	4018634	CHR6:4018634	SSF x Near_LoA	-8,363	-0,009	0,282
CHR6	4018691	CHR6:4018691	SSF x Near_LoA	-8,920	-0,056	0,283
CHR6	4021998	CHR6:4021998	SSF x Near_LoA	-5,910	0,046	0,286
CHR6	4022030	CHR6:4022030	SSF x Near_LoA	-5,115	-0,089	0,290
CHR6	4022046	CHR6:4022046	SSF x Near_LoA	-10,143	-0,010	0,290
CHR6	4022079	CHR6:4022079	SSF x Near_LoA	-9,577	-0,030	0,278
CHR6	4027809	CHR6:4027809	SSF x Near_LoA	-3,298	0,082	0,276
CHR6	4027875	CHR6:4027875	SSF x Near_LoA	-7,347	0,052	0,283

CHR6	4027909	CHR6:4027909	SSF x Near_LoA	-2,881	0,059	0,300
CHR6	4034506	CHR6:4034506	SSF x Near_LoA	-7,244	-0,037	0,292
CHR6	4037014	CHR6:4037014	SSF x Near_LoA	-6,738	0,008	0,285
CHR6	4037065	CHR6:4037065	SSF x Near_LoA	-7,716	0,127	0,276
CHR6	4037100	CHR6:4037100	SSF x Near_LoA	-6,789	-0,079	0,285
CHR6	4037107	CHR6:4037107	SSF x Near_LoA	-7,890	-0,091	0,277
CHR6	4042897	CHR6:4042897	SSF x Near_LoA	-9,299	0,006	0,294
CHR6	4043018	CHR6:4043018	SSF x Near_LoA	-0,382	0,093	0,289
CHR6	4043156	CHR6:4043156	SSF x Near_LoA	-7,293	0,095	0,285
CHR6	4043217	CHR6:4043217	SSF x Near_LoA	-2,033	-0,075	0,296
CHR6	4063614	CHR6:4063614	SSF x Near_LoA	-8,895	0,034	0,279
CHR6	4071429	CHR6:4071429	SSF x Near_LoA	-4,385	-0,230	0,277
CHR6	4071534	CHR6:4071534	SSF x Near_LoA	-9,712	-0,019	0,292
CHR6	4088606	CHR6:4088606	SSF x Near_LoA	-8,478	0,021	0,295
CHR6	4104464	CHR6:4104464	SSF x Near_LoA	-7,365	-0,126	0,290
CHR6	4104561	CHR6:4104561	SSF x Near_LoA	-7,607	0,022	0,276
CHR6	4104710	CHR6:4104710	SSF x Near_LoA	-5,226	0,044	0,284
CHR6	4109386	CHR6:4109386	SSF x Near_LoA	-7,473	0,150	0,292
CHR6	4109463	CHR6:4109463	SSF x Near_LoA	-9,824	0,079	0,270
CHR6	4134630	CHR6:4134630	SSF x Near_LoA	-6,522	0,125	0,281
CHR6	4134750	CHR6:4134750	SSF x Near_LoA	-6,524	-0,101	0,282
CHR6	4143193	CHR6:4143193	SSF x Near_LoA	-8,676	-0,106	0,301
CHR6	4143263	CHR6:4143263	SSF x Near_LoA	-7,428	0,117	0,282
CHR6	4143483	CHR6:4143483	SSF x Near_LoA	-6,983	-0,053	0,292
CHR6	4146062	CHR6:4146062	SSF x Near_LoA	-8,009	-0,063	0,293
CHR6	4146213	CHR6:4146213	SSF x Near_LoA	-7,889	0,036	0,282
CHR6	4147219	CHR6:4147219	SSF x Near_LoA	-8,955	-0,068	0,288
CHR6	4147290	CHR6:4147290	SSF x Near_LoA	-8,042	-0,124	0,280
CHR6	4154045	CHR6:4154045	SSF x Near_LoA	-7,807	-0,043	0,278
CHR6	4154072	CHR6:4154072	SSF x Near_LoA	-7,935	-0,019	0,302
CHR6	4154168	CHR6:4154168	SSF x Near_LoA	-8,468	-0,146	0,279
CHR6	4154181	CHR6:4154181	SSF x Near_LoA	-8,478	0,009	0,273
CHR6	4154185	CHR6:4154185	SSF x Near_LoA	-7,389	-0,063	0,288
CHR6	4154206	CHR6:4154206	SSF x Near_LoA	-5,949	0,122	0,293
CHR6	4154239	CHR6:4154239	SSF x Near_LoA	-7,521	0,032	0,304
CHR6	4162542	CHR6:4162542	SSF x Near_LoA	-6,913	0,032	0,300
CHR6	4164050	CHR6:4164050	SSF x Near_LoA	-7,981	0,071	0,286
CHR6	4165365	CHR6:4165365	SSF x Near_LoA	-1,051	0,278	0,261
CHR6	4165481	CHR6:4165481	SSF x Near_LoA	3,002	0,355	0,238
CHR6	4169332	CHR6:4169332	SSF x Near_LoA	-8,393	-0,084	0,269
CHR6	420150	CHR6:420150	SSF x Near_LoA	-9,984	-0,008	0,279
CHR6	420244	CHR6:420244	SSF x Near_LoA	-9,987	0,038	0,278
CHR6	420264	CHR6:420264	SSF x Near_LoA	-5,244	0,168	0,279
CHR6	420373	CHR6:420373	SSF x Near_LoA	-8,350	0,023	0,294
CHR6	4211641	CHR6:4211641	SSF x Near_LoA	-4,816	-0,174	0,276
CHR6	4222350	CHR6:4222350	SSF x Near_LoA	-8,700	0,035	0,286
CHR6	4222399	CHR6:4222399	SSF x Near_LoA	-8,524	-0,125	0,286
CHR6	4223440	CHR6:4223440	SSF x Near_LoA	-9,921	-0,071	0,304
CHR6	4223497	CHR6:4223497	SSF x Near_LoA	-6,245	0,182	0,281
CHR6	4223504	CHR6:4223504	SSF x Near_LoA	-5,869	0,039	0,290
CHR6	4223581	CHR6:4223581	SSF x Near_LoA	-7,190	-0,051	0,274
CHR6	4223676	CHR6:4223676	SSF x Near_LoA	-7,408	0,102	0,281
CHR6	4223692	CHR6:4223692	SSF x Near_LoA	-7,201	0,145	0,267

CHR6	4225635	CHR6:4225635	SSF x Near_LoA	-7,300	-0,165	0,278
CHR6	4225687	CHR6:4225687	SSF x Near_LoA	-9,315	0,109	0,276
CHR6	4232650	CHR6:4232650	SSF x Near_LoA	-9,621	-0,035	0,297
CHR6	4232676	CHR6:4232676	SSF x Near_LoA	-5,126	-0,202	0,284
CHR6	4234569	CHR6:4234569	SSF x Near_LoA	-7,595	-0,070	0,283
CHR6	4234592	CHR6:4234592	SSF x Near_LoA	-6,080	0,042	0,281
CHR6	4234640	CHR6:4234640	SSF x Near_LoA	-3,906	-0,153	0,277
CHR6	4234656	CHR6:4234656	SSF x Near_LoA	-9,287	-0,058	0,296
CHR6	4234693	CHR6:4234693	SSF x Near_LoA	-7,197	-0,126	0,283
CHR6	4236812	CHR6:4236812	SSF x Near_LoA	-9,634	-0,030	0,283
CHR6	4236837	CHR6:4236837	SSF x Near_LoA	-1,630	-0,027	0,293
CHR6	4236852	CHR6:4236852	SSF x Near_LoA	-10,117	0,033	0,276
CHR6	4237062	CHR6:4237062	SSF x Near_LoA	-7,118	-0,048	0,273
CHR6	4254370	CHR6:4254370	SSF x Near_LoA	-6,953	0,055	0,297
CHR6	4254474	CHR6:4254474	SSF x Near_LoA	-5,773	-0,152	0,285
CHR6	4254483	CHR6:4254483	SSF x Near_LoA	-6,602	-0,133	0,284
CHR6	4254513	CHR6:4254513	SSF x Near_LoA	-6,862	0,093	0,281
CHR6	4254642	CHR6:4254642	SSF x Near_LoA	-6,154	-0,076	0,297
CHR6	4265542	CHR6:4265542	SSF x Near_LoA	-9,251	-0,037	0,282
CHR6	4265673	CHR6:4265673	SSF x Near_LoA	-5,648	0,003	0,286
CHR6	4269766	CHR6:4269766	SSF x Near_LoA	-4,261	-0,217	0,264
CHR6	4270840	CHR6:4270840	SSF x Near_LoA	-9,135	0,084	0,282
CHR6	4274531	CHR6:4274531	SSF x Near_LoA	-10,311	-0,037	0,292
CHR6	4275448	CHR6:4275448	SSF x Near_LoA	-5,994	0,169	0,288
CHR6	4275455	CHR6:4275455	SSF x Near_LoA	-6,235	0,135	0,293
CHR6	4275500	CHR6:4275500	SSF x Near_LoA	-7,880	0,067	0,296
CHR6	4285714	CHR6:4285714	SSF x Near_LoA	-7,612	0,095	0,284
CHR6	4286634	CHR6:4286634	SSF x Near_LoA	-8,944	-0,037	0,306
CHR6	4286639	CHR6:4286639	SSF x Near_LoA	-6,396	-0,001	0,288
CHR6	4286660	CHR6:4286660	SSF x Near_LoA	-9,589	-0,051	0,283
CHR6	4286707	CHR6:4286707	SSF x Near_LoA	-8,051	0,058	0,273
CHR6	4286804	CHR6:4286804	SSF x Near_LoA	-6,106	0,175	0,265
CHR6	4286848	CHR6:4286848	SSF x Near_LoA	-7,978	0,044	0,285
CHR6	4286885	CHR6:4286885	SSF x Near_LoA	-9,742	-0,001	0,290
CHR6	4286893	CHR6:4286893	SSF x Near_LoA	-7,545	-0,101	0,295
CHR6	4288640	CHR6:4288640	SSF x Near_LoA	-5,865	0,076	0,283
CHR6	4288906	CHR6:4288906	SSF x Near_LoA	-5,926	-0,133	0,288
CHR6	4299233	CHR6:4299233	SSF x Near_LoA	-8,676	-0,093	0,281
CHR6	4299287	CHR6:4299287	SSF x Near_LoA	-9,119	-0,050	0,283
CHR6	4299337	CHR6:4299337	SSF x Near_LoA	-3,249	0,274	0,258
CHR6	4301605	CHR6:4301605	SSF x Near_LoA	12,481	-0,079	0,297
CHR6	4301644	CHR6:4301644	SSF x Near_LoA	-4,885	-0,128	0,279
CHR6	431060	CHR6:431060	SSF x Near_LoA	-7,742	-0,116	0,299
CHR6	431067	CHR6:431067	SSF x Near_LoA	-7,658	-0,020	0,290
CHR6	431076	CHR6:431076	SSF x Near_LoA	-10,134	-0,091	0,290
CHR6	431084	CHR6:431084	SSF x Near_LoA	-8,111	-0,136	0,292
CHR6	431095	CHR6:431095	SSF x Near_LoA	-6,549	-0,142	0,286
CHR6	431197	CHR6:431197	SSF x Near_LoA	-8,251	-0,108	0,289
CHR6	4318279	CHR6:4318279	SSF x Near_LoA	-7,120	0,090	0,280
CHR6	4318292	CHR6:4318292	SSF x Near_LoA	-8,469	0,073	0,287
CHR6	4318353	CHR6:4318353	SSF x Near_LoA	-4,186	-0,030	0,278
CHR6	4322370	CHR6:4322370	SSF x Near_LoA	-7,170	0,035	0,281
CHR6	4322392	CHR6:4322392	SSF x Near_LoA	-7,597	0,023	0,292

CHR6	4322419	CHR6:4322419	SSF x Near_LoA	-3,126	0,086	0,283
CHR6	4322545	CHR6:4322545	SSF x Near_LoA	-8,575	0,016	0,292
CHR6	4322705	CHR6:4322705	SSF x Near_LoA	-9,811	0,024	0,289
CHR6	4381579	CHR6:4381579	SSF x Near_LoA	-10,441	0,025	0,280
CHR6	439786	CHR6:439786	SSF x Near_LoA	-9,109	-0,005	0,291
CHR6	4403503	CHR6:4403503	SSF x Near_LoA	1,537	0,277	0,271
CHR6	4403529	CHR6:4403529	SSF x Near_LoA	-9,352	-0,039	0,295
CHR6	4412203	CHR6:4412203	SSF x Near_LoA	-6,224	-0,077	0,278
CHR6	4412340	CHR6:4412340	SSF x Near_LoA	-6,787	-0,185	0,286
CHR6	4425709	CHR6:4425709	SSF x Near_LoA	-8,871	0,053	0,292
CHR6	4440971	CHR6:4440971	SSF x Near_LoA	-8,320	0,073	0,290
CHR6	4440984	CHR6:4440984	SSF x Near_LoA	-9,902	-0,091	0,289
CHR6	4441200	CHR6:4441200	SSF x Near_LoA	-8,195	0,030	0,273
CHR6	445736	CHR6:445736	SSF x Near_LoA	-8,232	-0,004	0,300
CHR6	445738	CHR6:445738	SSF x Near_LoA	-7,961	-0,004	0,307
CHR6	445741	CHR6:445741	SSF x Near_LoA	-6,847	0,016	0,307
CHR6	445746	CHR6:445746	SSF x Near_LoA	-7,243	0,003	0,291
CHR6	445754	CHR6:445754	SSF x Near_LoA	-3,962	0,005	0,311
CHR6	445758	CHR6:445758	SSF x Near_LoA	-5,668	0,012	0,293
CHR6	445759	CHR6:445759	SSF x Near_LoA	-8,046	0,006	0,291
CHR6	445789	CHR6:445789	SSF x Near_LoA	-7,288	0,024	0,296
CHR6	445800	CHR6:445800	SSF x Near_LoA	-6,754	-0,004	0,302
CHR6	445802	CHR6:445802	SSF x Near_LoA	-7,724	0,013	0,303
CHR6	445810	CHR6:445810	SSF x Near_LoA	-6,757	-0,035	0,307
CHR6	445829	CHR6:445829	SSF x Near_LoA	-7,647	0,008	0,298
CHR6	4463375	CHR6:4463375	SSF x Near_LoA	-8,827	0,014	0,284
CHR6	4463376	CHR6:4463376	SSF x Near_LoA	-7,316	0,054	0,290
CHR6	4463411	CHR6:4463411	SSF x Near_LoA	-7,175	-0,031	0,286
CHR6	4465380	CHR6:4465380	SSF x Near_LoA	-3,827	-0,150	0,285
CHR6	4465468	CHR6:4465468	SSF x Near_LoA	-9,301	0,058	0,284
CHR6	4465481	CHR6:4465481	SSF x Near_LoA	-8,472	-0,029	0,290
CHR6	4465742	CHR6:4465742	SSF x Near_LoA	-4,643	-0,208	0,271
CHR6	4474435	CHR6:4474435	SSF x Near_LoA	-7,244	0,071	0,299
CHR6	4474464	CHR6:4474464	SSF x Near_LoA	-6,245	-0,016	0,286
CHR6	4474470	CHR6:4474470	SSF x Near_LoA	-3,797	-0,115	0,281
CHR6	4474490	CHR6:4474490	SSF x Near_LoA	-6,980	-0,110	0,287
CHR6	4474491	CHR6:4474491	SSF x Near_LoA	-7,887	-0,116	0,283
CHR6	4474502	CHR6:4474502	SSF x Near_LoA	-6,631	-0,101	0,281
CHR6	4474514	CHR6:4474514	SSF x Near_LoA	-3,734	-0,113	0,280
CHR6	4474584	CHR6:4474584	SSF x Near_LoA	-8,759	-0,042	0,287
CHR6	4474634	CHR6:4474634	SSF x Near_LoA	-7,263	0,138	0,290
CHR6	4474635	CHR6:4474635	SSF x Near_LoA	-9,353	0,122	0,280
CHR6	4474638	CHR6:4474638	SSF x Near_LoA	-8,718	0,078	0,288
CHR6	4476331	CHR6:4476331	SSF x Near_LoA	-8,880	-0,124	0,302
CHR6	4476353	CHR6:4476353	SSF x Near_LoA	-7,221	0,104	0,280
CHR6	4501021	CHR6:4501021	SSF x Near_LoA	-6,821	-0,128	0,280
CHR6	4501286	CHR6:4501286	SSF x Near_LoA	-7,749	0,009	0,290
CHR6	4516759	CHR6:4516759	SSF x Near_LoA	-9,054	0,083	0,290
CHR6	4518391	CHR6:4518391	SSF x Near_LoA	-6,481	-0,126	0,279
CHR6	4518394	CHR6:4518394	SSF x Near_LoA	-7,928	-0,087	0,289
CHR6	4518417	CHR6:4518417	SSF x Near_LoA	-7,187	0,057	0,293
CHR6	4518420	CHR6:4518420	SSF x Near_LoA	-7,565	0,119	0,271
CHR6	4533362	CHR6:4533362	SSF x Near_LoA	-7,077	0,006	0,306

CHR6	4533364	CHR6:4533364	SSF x Near_LoA	-7,998	0,019	0,296
CHR6	4533478	CHR6:4533478	SSF x Near_LoA	-10,206	-0,004	0,293
CHR6	4533519	CHR6:4533519	SSF x Near_LoA	-8,862	-0,016	0,264
CHR6	4533525	CHR6:4533525	SSF x Near_LoA	-4,337	0,214	0,271
CHR6	4533542	CHR6:4533542	SSF x Near_LoA	-8,561	0,024	0,281
CHR6	4592759	CHR6:4592759	SSF x Near_LoA	-7,579	0,099	0,284
CHR6	4592905	CHR6:4592905	SSF x Near_LoA	-9,663	0,019	0,293
CHR6	4592981	CHR6:4592981	SSF x Near_LoA	-8,435	-0,073	0,294
CHR6	4592983	CHR6:4592983	SSF x Near_LoA	-6,822	0,034	0,271
CHR6	4595524	CHR6:4595524	SSF x Near_LoA	-9,580	-0,005	0,279
CHR6	4595525	CHR6:4595525	SSF x Near_LoA	-10,174	-0,007	0,279
CHR6	4595705	CHR6:4595705	SSF x Near_LoA	-7,677	-0,171	0,264
CHR6	4595715	CHR6:4595715	SSF x Near_LoA	-8,455	-0,010	0,284
CHR6	4632136	CHR6:4632136	SSF x Near_LoA	-8,286	-0,024	0,271
CHR6	4632204	CHR6:4632204	SSF x Near_LoA	-5,139	-0,068	0,278
CHR6	4633907	CHR6:4633907	SSF x Near_LoA	-8,727	-0,015	0,295
CHR6	4639551	CHR6:4639551	SSF x Near_LoA	-9,761	-0,051	0,285
CHR6	4639568	CHR6:4639568	SSF x Near_LoA	-8,901	-0,043	0,294
CHR6	4639579	CHR6:4639579	SSF x Near_LoA	-9,167	-0,030	0,292
CHR6	4639795	CHR6:4639795	SSF x Near_LoA	-4,877	-0,180	0,288
CHR6	4639818	CHR6:4639818	SSF x Near_LoA	-5,642	-0,154	0,285
CHR6	4656573	CHR6:4656573	SSF x Near_LoA	-10,242	-0,118	0,273
CHR6	4656591	CHR6:4656591	SSF x Near_LoA	-7,338	-0,173	0,283
CHR6	4656626	CHR6:4656626	SSF x Near_LoA	-6,967	0,086	0,280
CHR6	4661738	CHR6:4661738	SSF x Near_LoA	-6,813	-0,176	0,280
CHR6	4661766	CHR6:4661766	SSF x Near_LoA	-8,502	0,004	0,286
CHR6	4661871	CHR6:4661871	SSF x Near_LoA	-9,098	0,002	0,279
CHR6	4661881	CHR6:4661881	SSF x Near_LoA	-2,149	0,220	0,274
CHR6	4661910	CHR6:4661910	SSF x Near_LoA	-9,015	-0,089	0,279
CHR6	4661918	CHR6:4661918	SSF x Near_LoA	-0,860	0,191	0,291
CHR6	4661962	CHR6:4661962	SSF x Near_LoA	-7,274	-0,038	0,305
CHR6	4667639	CHR6:4667639	SSF x Near_LoA	-8,507	0,106	0,294
CHR6	4667644	CHR6:4667644	SSF x Near_LoA	-6,575	0,002	0,298
CHR6	4667742	CHR6:4667742	SSF x Near_LoA	-7,440	0,015	0,283
CHR6	4685187	CHR6:4685187	SSF x Near_LoA	-8,433	-0,005	0,283
CHR6	4685260	CHR6:4685260	SSF x Near_LoA	-8,341	0,020	0,295
CHR6	4686349	CHR6:4686349	SSF x Near_LoA	-2,750	-0,177	0,304
CHR6	4689568	CHR6:4689568	SSF x Near_LoA	-9,345	-0,002	0,291
CHR6	4689575	CHR6:4689575	SSF x Near_LoA	-9,818	-0,061	0,285
CHR6	4689650	CHR6:4689650	SSF x Near_LoA	-7,490	-0,055	0,298
CHR6	4714634	CHR6:4714634	SSF x Near_LoA	-5,444	0,068	0,286
CHR6	4714649	CHR6:4714649	SSF x Near_LoA	-9,148	0,003	0,298
CHR6	4714727	CHR6:4714727	SSF x Near_LoA	-10,095	0,018	0,296
CHR6	4714734	CHR6:4714734	SSF x Near_LoA	-4,647	0,181	0,268
CHR6	4714745	CHR6:4714745	SSF x Near_LoA	-7,161	-0,083	0,282
CHR6	4714752	CHR6:4714752	SSF x Near_LoA	-8,498	0,025	0,285
CHR6	4714778	CHR6:4714778	SSF x Near_LoA	-5,188	0,051	0,289
CHR6	4714821	CHR6:4714821	SSF x Near_LoA	-5,963	-0,036	0,277
CHR6	4714878	CHR6:4714878	SSF x Near_LoA	-8,381	-0,035	0,276
CHR6	4722183	CHR6:4722183	SSF x Near_LoA	-6,977	-0,035	0,290
CHR6	4722334	CHR6:4722334	SSF x Near_LoA	-5,430	-0,131	0,278
CHR6	472767	CHR6:472767	SSF x Near_LoA	-6,327	-0,081	0,277
CHR6	472802	CHR6:472802	SSF x Near_LoA	-7,524	0,095	0,266

CHR6	4757221	CHR6:4757221	SSF x Near_LoA	-5,952	0,128	0,281
CHR6	4757262	CHR6:4757262	SSF x Near_LoA	-8,175	-0,035	0,297
CHR6	4757454	CHR6:4757454	SSF x Near_LoA	-6,358	-0,173	0,284
CHR6	4757466	CHR6:4757466	SSF x Near_LoA	-4,979	0,143	0,272
CHR6	4769355	CHR6:4769355	SSF x Near_LoA	-7,665	0,001	0,292
CHR6	4769361	CHR6:4769361	SSF x Near_LoA	-5,262	0,104	0,289
CHR6	477652	CHR6:477652	SSF x Near_LoA	-9,162	0,018	0,295
CHR6	477664	CHR6:477664	SSF x Near_LoA	-1,600	0,079	0,265
CHR6	4780505	CHR6:4780505	SSF x Near_LoA	-8,275	-0,010	0,295
CHR6	4782187	CHR6:4782187	SSF x Near_LoA	-9,652	-0,059	0,282
CHR6	4785861	CHR6:4785861	SSF x Near_LoA	-6,731	-0,136	0,285
CHR6	4793546	CHR6:4793546	SSF x Near_LoA	-6,736	0,164	0,276
CHR6	4809416	CHR6:4809416	SSF x Near_LoA	-7,496	-0,096	0,302
CHR6	4810697	CHR6:4810697	SSF x Near_LoA	-9,298	0,020	0,292
CHR6	4829079	CHR6:4829079	SSF x Near_LoA	-8,364	0,069	0,290
CHR6	4829084	CHR6:4829084	SSF x Near_LoA	-7,764	0,035	0,296
CHR6	4829116	CHR6:4829116	SSF x Near_LoA	-7,207	0,111	0,279
CHR6	4829124	CHR6:4829124	SSF x Near_LoA	-8,303	0,093	0,276
CHR6	4830266	CHR6:4830266	SSF x Near_LoA	-5,969	0,046	0,279
CHR6	4830267	CHR6:4830267	SSF x Near_LoA	-6,472	0,039	0,304
CHR6	4840697	CHR6:4840697	SSF x Near_LoA	-9,890	-0,010	0,293
CHR6	4840803	CHR6:4840803	SSF x Near_LoA	-7,564	0,197	0,272
CHR6	4864001	CHR6:4864001	SSF x Near_LoA	-7,444	-0,142	0,276
CHR6	487295	CHR6:487295	SSF x Near_LoA	-6,344	0,128	0,285
CHR6	487547	CHR6:487547	SSF x Near_LoA	-9,757	-0,026	0,292
CHR6	487563	CHR6:487563	SSF x Near_LoA	-5,289	-0,124	0,286
CHR6	487605	CHR6:487605	SSF x Near_LoA	-8,602	-0,006	0,299
CHR6	4903515	CHR6:4903515	SSF x Near_LoA	-8,444	-0,119	0,282
CHR6	4903550	CHR6:4903550	SSF x Near_LoA	-8,001	0,001	0,282
CHR6	4903564	CHR6:4903564	SSF x Near_LoA	-9,131	0,041	0,283
CHR6	491674	CHR6:491674	SSF x Near_LoA	-8,566	0,029	0,273
CHR6	4917900	CHR6:4917900	SSF x Near_LoA	-9,594	-0,074	0,282
CHR6	4917939	CHR6:4917939	SSF x Near_LoA	-5,212	-0,104	0,298
CHR6	4918215	CHR6:4918215	SSF x Near_LoA	-8,023	0,074	0,295
CHR6	491849	CHR6:491849	SSF x Near_LoA	-10,153	-0,028	0,291
CHR6	4926601	CHR6:4926601	SSF x Near_LoA	-9,193	0,117	0,292
CHR6	4928909	CHR6:4928909	SSF x Near_LoA	-8,771	0,058	0,296
CHR6	4928993	CHR6:4928993	SSF x Near_LoA	-8,328	-0,046	0,271
CHR6	4929133	CHR6:4929133	SSF x Near_LoA	-7,618	-0,022	0,275
CHR6	4935505	CHR6:4935505	SSF x Near_LoA	-7,501	-0,038	0,273
CHR6	4941299	CHR6:4941299	SSF x Near_LoA	-8,587	0,000	0,289
CHR6	4941328	CHR6:4941328	SSF x Near_LoA	-8,838	-0,054	0,299
CHR6	4941354	CHR6:4941354	SSF x Near_LoA	-7,723	-0,058	0,295
CHR6	4941401	CHR6:4941401	SSF x Near_LoA	-7,350	-0,096	0,281
CHR6	4941408	CHR6:4941408	SSF x Near_LoA	-7,268	0,000	0,296
CHR6	4941476	CHR6:4941476	SSF x Near_LoA	-9,283	-0,016	0,291
CHR6	4941507	CHR6:4941507	SSF x Near_LoA	-10,637	0,003	0,278
CHR6	4952202	CHR6:4952202	SSF x Near_LoA	-7,322	0,059	0,283
CHR6	4952203	CHR6:4952203	SSF x Near_LoA	-7,735	0,102	0,271
CHR6	4953073	CHR6:4953073	SSF x Near_LoA	-9,261	0,013	0,288
CHR6	4953079	CHR6:4953079	SSF x Near_LoA	-5,891	-0,185	0,278
CHR6	4953090	CHR6:4953090	SSF x Near_LoA	-5,420	0,186	0,260
CHR6	4953095	CHR6:4953095	SSF x Near_LoA	-5,461	-0,189	0,275

CHR6	4953096	CHR6:4953096	SSF x Near_LoA	-4,779	-0,210	0,284
CHR6	4953111	CHR6:4953111	SSF x Near_LoA	-5,952	-0,181	0,283
CHR6	4973452	CHR6:4973452	SSF x Near_LoA	-9,538	0,105	0,276
CHR6	4973819	CHR6:4973819	SSF x Near_LoA	-10,254	-0,025	0,291
CHR6	5001040	CHR6:5001040	SSF x Near_LoA	-9,472	-0,045	0,289
CHR6	5005729	CHR6:5005729	SSF x Near_LoA	-8,929	0,135	0,283
CHR6	5005741	CHR6:5005741	SSF x Near_LoA	-10,185	0,050	0,274
CHR6	5005773	CHR6:5005773	SSF x Near_LoA	-5,573	-0,132	0,290
CHR6	5005855	CHR6:5005855	SSF x Near_LoA	-7,474	0,156	0,269
CHR6	5005872	CHR6:5005872	SSF x Near_LoA	-7,307	0,120	0,271
CHR6	5011450	CHR6:5011450	SSF x Near_LoA	-11,159	-0,021	0,282
CHR6	5011473	CHR6:5011473	SSF x Near_LoA	-3,032	-0,203	0,278
CHR6	5011474	CHR6:5011474	SSF x Near_LoA	-4,566	-0,205	0,272
CHR6	5011503	CHR6:5011503	SSF x Near_LoA	-10,786	-0,023	0,292
CHR6	5012616	CHR6:5012616	SSF x Near_LoA	-6,210	-0,072	0,282
CHR6	502282	CHR6:502282	SSF x Near_LoA	-10,097	-0,002	0,300
CHR6	502312	CHR6:502312	SSF x Near_LoA	-7,145	0,046	0,289
CHR6	5031501	CHR6:5031501	SSF x Near_LoA	-8,110	0,089	0,285
CHR6	5044616	CHR6:5044616	SSF x Near_LoA	-10,876	-0,030	0,279
CHR6	5049117	CHR6:5049117	SSF x Near_LoA	-3,023	-0,237	0,255
CHR6	5049153	CHR6:5049153	SSF x Near_LoA	-8,922	-0,076	0,275
CHR6	5049161	CHR6:5049161	SSF x Near_LoA	-10,432	0,023	0,295
CHR6	5049293	CHR6:5049293	SSF x Near_LoA	-6,797	-0,106	0,273
CHR6	508860	CHR6:508860	SSF x Near_LoA	-3,597	0,059	0,284
CHR6	5097071	CHR6:5097071	SSF x Near_LoA	-6,909	-0,105	0,281
CHR6	5102020	CHR6:5102020	SSF x Near_LoA	-9,866	0,136	0,290
CHR6	5102029	CHR6:5102029	SSF x Near_LoA	-7,127	0,164	0,268
CHR6	5115237	CHR6:5115237	SSF x Near_LoA	-10,309	-0,004	0,283
CHR6	5115259	CHR6:5115259	SSF x Near_LoA	-8,975	0,046	0,277
CHR6	5115543	CHR6:5115543	SSF x Near_LoA	-7,768	-0,097	0,279
CHR6	5131775	CHR6:5131775	SSF x Near_LoA	-7,880	0,048	0,273
CHR6	5131776	CHR6:5131776	SSF x Near_LoA	-8,954	-0,077	0,295
CHR6	5131788	CHR6:5131788	SSF x Near_LoA	-7,805	0,072	0,283
CHR6	5131833	CHR6:5131833	SSF x Near_LoA	-8,123	0,122	0,270
CHR6	5131851	CHR6:5131851	SSF x Near_LoA	-8,618	0,096	0,266
CHR6	5131858	CHR6:5131858	SSF x Near_LoA	-9,269	0,104	0,272
CHR6	5131863	CHR6:5131863	SSF x Near_LoA	-8,220	-0,027	0,289
CHR6	5131872	CHR6:5131872	SSF x Near_LoA	-7,120	0,085	0,285
CHR6	5131874	CHR6:5131874	SSF x Near_LoA	-9,375	0,099	0,259
CHR6	5146769	CHR6:5146769	SSF x Near_LoA	-10,616	0,019	0,291
CHR6	5146813	CHR6:5146813	SSF x Near_LoA	-6,088	-0,130	0,284
CHR6	5160530	CHR6:5160530	SSF x Near_LoA	-6,225	-0,105	0,301
CHR6	5160648	CHR6:5160648	SSF x Near_LoA	-8,737	0,103	0,289
CHR6	518328	CHR6:518328	SSF x Near_LoA	-9,619	0,003	0,284
CHR6	5227077	CHR6:5227077	SSF x Near_LoA	-6,800	-0,100	0,291
CHR6	5227182	CHR6:5227182	SSF x Near_LoA	-9,526	0,027	0,278
CHR6	5227346	CHR6:5227346	SSF x Near_LoA	-10,426	-0,030	0,292
CHR6	5227365	CHR6:5227365	SSF x Near_LoA	-9,409	0,037	0,287
CHR6	5227438	CHR6:5227438	SSF x Near_LoA	-10,279	-0,065	0,267
CHR6	5227446	CHR6:5227446	SSF x Near_LoA	0,243	-0,185	0,282
CHR6	5267022	CHR6:5267022	SSF x Near_LoA	-9,526	-0,066	0,293
CHR6	5267100	CHR6:5267100	SSF x Near_LoA	-2,724	0,233	0,273
CHR6	5267108	CHR6:5267108	SSF x Near_LoA	-5,831	-0,155	0,284

CHR6	5267112	CHR6:5267112	SSF x Near_LoA	-7,748	-0,065	0,286
CHR6	5267142	CHR6:5267142	SSF x Near_LoA	-8,456	0,125	0,272
CHR6	5267154	CHR6:5267154	SSF x Near_LoA	-7,818	0,117	0,285
CHR6	5278583	CHR6:5278583	SSF x Near_LoA	-7,393	0,106	0,281
CHR6	5278616	CHR6:5278616	SSF x Near_LoA	-9,595	-0,017	0,304
CHR6	5278648	CHR6:5278648	SSF x Near_LoA	-6,787	0,024	0,296
CHR6	5278799	CHR6:5278799	SSF x Near_LoA	-7,094	-0,113	0,281
CHR6	5285446	CHR6:5285446	SSF x Near_LoA	-5,611	0,130	0,271
CHR6	5285514	CHR6:5285514	SSF x Near_LoA	-7,404	0,109	0,274
CHR6	5309106	CHR6:5309106	SSF x Near_LoA	-10,111	0,016	0,286
CHR6	5312221	CHR6:5312221	SSF x Near_LoA	-8,915	-0,042	0,276
CHR6	5312254	CHR6:5312254	SSF x Near_LoA	-2,383	-0,116	0,287
CHR6	5312289	CHR6:5312289	SSF x Near_LoA	-7,343	0,111	0,279
CHR6	5312309	CHR6:5312309	SSF x Near_LoA	-5,930	0,184	0,278
CHR6	5312405	CHR6:5312405	SSF x Near_LoA	-8,154	-0,076	0,285
CHR6	5312434	CHR6:5312434	SSF x Near_LoA	-6,602	0,004	0,303
CHR6	5312440	CHR6:5312440	SSF x Near_LoA	-9,100	-0,160	0,277
CHR6	5312444	CHR6:5312444	SSF x Near_LoA	-9,727	0,099	0,272
CHR6	5312474	CHR6:5312474	SSF x Near_LoA	-7,354	0,116	0,287
CHR6	5318773	CHR6:5318773	SSF x Near_LoA	-7,277	0,016	0,281
CHR6	5318833	CHR6:5318833	SSF x Near_LoA	-9,807	0,045	0,291
CHR6	5318958	CHR6:5318958	SSF x Near_LoA	-7,831	0,039	0,297
CHR6	5322082	CHR6:5322082	SSF x Near_LoA	-8,312	0,138	0,271
CHR6	5322151	CHR6:5322151	SSF x Near_LoA	-8,323	0,168	0,269
CHR6	5322167	CHR6:5322167	SSF x Near_LoA	-9,805	0,149	0,269
CHR6	5334309	CHR6:5334309	SSF x Near_LoA	-9,021	0,019	0,276
CHR6	5334348	CHR6:5334348	SSF x Near_LoA	-7,738	0,104	0,285
CHR6	5339795	CHR6:5339795	SSF x Near_LoA	-4,373	0,233	0,274
CHR6	5339879	CHR6:5339879	SSF x Near_LoA	-10,176	-0,070	0,283
CHR6	5340008	CHR6:5340008	SSF x Near_LoA	-9,203	-0,108	0,280
CHR6	5340126	CHR6:5340126	SSF x Near_LoA	-5,215	0,084	0,296
CHR6	5343634	CHR6:5343634	SSF x Near_LoA	-9,005	-0,001	0,287
CHR6	5343779	CHR6:5343779	SSF x Near_LoA	-8,064	0,123	0,286
CHR6	5343805	CHR6:5343805	SSF x Near_LoA	-5,771	-0,208	0,275
CHR6	5360801	CHR6:5360801	SSF x Near_LoA	-7,305	-0,098	0,288
CHR6	5360812	CHR6:5360812	SSF x Near_LoA	-8,112	-0,046	0,283
CHR6	5361005	CHR6:5361005	SSF x Near_LoA	-9,721	0,037	0,276
CHR6	5369945	CHR6:5369945	SSF x Near_LoA	-10,014	0,063	0,277
CHR6	5372117	CHR6:5372117	SSF x Near_LoA	-7,852	-0,034	0,269
CHR6	5372164	CHR6:5372164	SSF x Near_LoA	-8,128	-0,053	0,299
CHR6	5374149	CHR6:5374149	SSF x Near_LoA	-7,072	0,035	0,300
CHR6	5374190	CHR6:5374190	SSF x Near_LoA	-6,609	0,098	0,296
CHR6	5374221	CHR6:5374221	SSF x Near_LoA	-7,572	0,099	0,282
CHR6	5376304	CHR6:5376304	SSF x Near_LoA	-8,154	0,029	0,288
CHR6	5380945	CHR6:5380945	SSF x Near_LoA	-8,072	-0,052	0,297
CHR6	5380979	CHR6:5380979	SSF x Near_LoA	-8,512	-0,016	0,288
CHR6	5381099	CHR6:5381099	SSF x Near_LoA	-6,804	0,091	0,292
CHR6	5406404	CHR6:5406404	SSF x Near_LoA	-9,881	-0,043	0,299
CHR6	5406626	CHR6:5406626	SSF x Near_LoA	-6,398	0,165	0,279
CHR6	5406639	CHR6:5406639	SSF x Near_LoA	-6,624	-0,092	0,284
CHR6	5406647	CHR6:5406647	SSF x Near_LoA	-6,483	0,184	0,278
CHR6	5410251	CHR6:5410251	SSF x Near_LoA	-10,509	-0,063	0,286
CHR6	5410455	CHR6:5410455	SSF x Near_LoA	-10,557	0,037	0,286

CHR6	5419261	CHR6:5419261	SSF x Near_LoA	-6,329	0,141	0,276
CHR6	5419334	CHR6:5419334	SSF x Near_LoA	-7,561	0,183	0,281
CHR6	5442397	CHR6:5442397	SSF x Near_LoA	-7,434	-0,090	0,297
CHR6	5448405	CHR6:5448405	SSF x Near_LoA	-9,037	0,023	0,270
CHR6	5460695	CHR6:5460695	SSF x Near_LoA	-9,613	0,050	0,284
CHR6	5460763	CHR6:5460763	SSF x Near_LoA	-5,321	0,107	0,280
CHR6	5460764	CHR6:5460764	SSF x Near_LoA	-7,362	0,112	0,276
CHR6	5462290	CHR6:5462290	SSF x Near_LoA	-6,156	-0,128	0,275
CHR6	5462378	CHR6:5462378	SSF x Near_LoA	-7,625	-0,044	0,286
CHR6	5462381	CHR6:5462381	SSF x Near_LoA	-7,965	-0,030	0,286
CHR6	5473335	CHR6:5473335	SSF x Near_LoA	4,890	-0,073	0,295
CHR6	5473345	CHR6:5473345	SSF x Near_LoA	-7,195	-0,041	0,292
CHR6	5473411	CHR6:5473411	SSF x Near_LoA	-8,207	-0,068	0,299
CHR6	5473541	CHR6:5473541	SSF x Near_LoA	-8,577	0,014	0,278
CHR6	5473584	CHR6:5473584	SSF x Near_LoA	-9,055	0,043	0,280
CHR6	5491864	CHR6:5491864	SSF x Near_LoA	-8,309	-0,088	0,295
CHR6	5491974	CHR6:5491974	SSF x Near_LoA	-6,692	-0,064	0,274
CHR6	5491977	CHR6:5491977	SSF x Near_LoA	-7,739	0,036	0,296
CHR6	5492052	CHR6:5492052	SSF x Near_LoA	-6,504	-0,054	0,287
CHR6	5510479	CHR6:5510479	SSF x Near_LoA	-9,927	-0,064	0,298
CHR6	5510482	CHR6:5510482	SSF x Near_LoA	-5,457	-0,129	0,274
CHR6	5510489	CHR6:5510489	SSF x Near_LoA	-10,640	-0,053	0,299
CHR6	5510567	CHR6:5510567	SSF x Near_LoA	-5,230	-0,159	0,278
CHR6	5510580	CHR6:5510580	SSF x Near_LoA	-9,278	0,076	0,281
CHR6	5518382	CHR6:5518382	SSF x Near_LoA	-7,011	-0,089	0,284
CHR6	5518554	CHR6:5518554	SSF x Near_LoA	-7,153	0,015	0,297
CHR6	5518620	CHR6:5518620	SSF x Near_LoA	-6,303	0,099	0,289
CHR6	5518627	CHR6:5518627	SSF x Near_LoA	-8,310	-0,046	0,291
CHR6	552552	CHR6:552552	SSF x Near_LoA	-7,986	-0,067	0,272
CHR6	552593	CHR6:552593	SSF x Near_LoA	-7,646	0,044	0,297
CHR6	552672	CHR6:552672	SSF x Near_LoA	-6,008	0,149	0,275
CHR6	552707	CHR6:552707	SSF x Near_LoA	-6,688	0,024	0,306
CHR6	552708	CHR6:552708	SSF x Near_LoA	-5,545	-0,002	0,290
CHR6	5527183	CHR6:5527183	SSF x Near_LoA	-6,214	-0,092	0,284
CHR6	552724	CHR6:552724	SSF x Near_LoA	-9,806	0,004	0,295
CHR6	552727	CHR6:552727	SSF x Near_LoA	-8,735	-0,099	0,282
CHR6	552728	CHR6:552728	SSF x Near_LoA	-9,185	-0,091	0,285
CHR6	5527590	CHR6:5527590	SSF x Near_LoA	-7,238	0,116	0,289
CHR6	552761	CHR6:552761	SSF x Near_LoA	-8,414	-0,025	0,284
CHR6	5527731	CHR6:5527731	SSF x Near_LoA	-8,701	0,160	0,269
CHR6	552845	CHR6:552845	SSF x Near_LoA	-9,511	-0,079	0,289
CHR6	5529760	CHR6:5529760	SSF x Near_LoA	-4,038	-0,159	0,291
CHR6	5529769	CHR6:5529769	SSF x Near_LoA	-0,973	-0,156	0,283
CHR6	5529815	CHR6:5529815	SSF x Near_LoA	-0,254	0,350	0,247
CHR6	5529955	CHR6:5529955	SSF x Near_LoA	2,117	-0,186	0,286
CHR6	5529967	CHR6:5529967	SSF x Near_LoA	-7,831	-0,076	0,294
CHR6	5535664	CHR6:5535664	SSF x Near_LoA	0,610	0,017	0,286
CHR6	5535672	CHR6:5535672	SSF x Near_LoA	-7,928	-0,086	0,283
CHR6	5535681	CHR6:5535681	SSF x Near_LoA	-7,850	0,140	0,292
CHR6	5550521	CHR6:5550521	SSF x Near_LoA	-8,006	0,032	0,279
CHR6	5550880	CHR6:5550880	SSF x Near_LoA	-7,975	0,120	0,286
CHR6	5563365	CHR6:5563365	SSF x Near_LoA	-9,097	0,084	0,281
CHR6	5563428	CHR6:5563428	SSF x Near_LoA	-9,001	0,022	0,283

CHR6	5563431	CHR6:5563431	SSF x Near_LoA	-5,183	0,205	0,277
CHR6	5563438	CHR6:5563438	SSF x Near_LoA	-6,077	0,175	0,269
CHR6	5563440	CHR6:5563440	SSF x Near_LoA	-7,682	-0,149	0,275
CHR6	5563480	CHR6:5563480	SSF x Near_LoA	-8,676	-0,039	0,282
CHR6	5563557	CHR6:5563557	SSF x Near_LoA	1,201	0,258	0,280
CHR6	5565354	CHR6:5565354	SSF x Near_LoA	-5,686	0,207	0,277
CHR6	5565464	CHR6:5565464	SSF x Near_LoA	-8,258	0,096	0,287
CHR6	5565728	CHR6:5565728	SSF x Near_LoA	-7,177	0,086	0,297
CHR6	5571376	CHR6:5571376	SSF x Near_LoA	-9,143	0,012	0,279
CHR6	5571409	CHR6:5571409	SSF x Near_LoA	-8,829	-0,023	0,285
CHR6	5571442	CHR6:5571442	SSF x Near_LoA	-8,353	-0,007	0,286
CHR6	5571629	CHR6:5571629	SSF x Near_LoA	-8,772	0,000	0,291
CHR6	5571630	CHR6:5571630	SSF x Near_LoA	-7,130	-0,065	0,286
CHR6	5571631	CHR6:5571631	SSF x Near_LoA	-10,098	0,121	0,271
CHR6	5573776	CHR6:5573776	SSF x Near_LoA	-8,743	0,054	0,279
CHR6	5573818	CHR6:5573818	SSF x Near_LoA	-8,189	0,115	0,280
CHR6	5573821	CHR6:5573821	SSF x Near_LoA	-7,067	0,117	0,278
CHR6	5573944	CHR6:5573944	SSF x Near_LoA	-9,799	-0,011	0,275
CHR6	5573962	CHR6:5573962	SSF x Near_LoA	-7,256	0,091	0,278
CHR6	5582859	CHR6:5582859	SSF x Near_LoA	-7,329	0,071	0,289
CHR6	5589992	CHR6:5589992	SSF x Near_LoA	-8,707	0,160	0,270
CHR6	5592583	CHR6:5592583	SSF x Near_LoA	-8,136	-0,107	0,281
CHR6	5592616	CHR6:5592616	SSF x Near_LoA	-6,651	-0,027	0,291
CHR6	5592661	CHR6:5592661	SSF x Near_LoA	-9,423	-0,042	0,286
CHR6	5592706	CHR6:5592706	SSF x Near_LoA	-5,772	0,144	0,278
CHR6	5592732	CHR6:5592732	SSF x Near_LoA	-9,199	-0,031	0,286
CHR6	5594669	CHR6:5594669	SSF x Near_LoA	-3,685	-0,230	0,275
CHR6	5594718	CHR6:5594718	SSF x Near_LoA	-9,600	-0,030	0,282
CHR6	5594745	CHR6:5594745	SSF x Near_LoA	-6,164	0,085	0,287
CHR6	5594756	CHR6:5594756	SSF x Near_LoA	-8,178	-0,068	0,290
CHR6	5594807	CHR6:5594807	SSF x Near_LoA	-6,737	0,147	0,259
CHR6	5600833	CHR6:5600833	SSF x Near_LoA	-7,311	-0,046	0,291
CHR6	5600847	CHR6:5600847	SSF x Near_LoA	-9,254	0,032	0,270
CHR6	5600861	CHR6:5600861	SSF x Near_LoA	-8,751	-0,095	0,278
CHR6	5600900	CHR6:5600900	SSF x Near_LoA	-8,949	-0,062	0,280
CHR6	5600943	CHR6:5600943	SSF x Near_LoA	-8,382	0,092	0,295
CHR6	5600977	CHR6:5600977	SSF x Near_LoA	-7,752	-0,060	0,292
CHR6	5612140	CHR6:5612140	SSF x Near_LoA	-8,179	0,004	0,293
CHR6	5612184	CHR6:5612184	SSF x Near_LoA	-10,379	0,017	0,288
CHR6	5612227	CHR6:5612227	SSF x Near_LoA	-10,432	0,028	0,290
CHR6	5618011	CHR6:5618011	SSF x Near_LoA	-6,586	-0,131	0,285
CHR6	5618022	CHR6:5618022	SSF x Near_LoA	-7,505	-0,015	0,295
CHR6	5618163	CHR6:5618163	SSF x Near_LoA	-8,173	-0,146	0,282
CHR6	5618169	CHR6:5618169	SSF x Near_LoA	-10,075	-0,003	0,290
CHR6	5618178	CHR6:5618178	SSF x Near_LoA	-6,324	0,127	0,272
CHR6	562073	CHR6:562073	SSF x Near_LoA	-9,915	-0,011	0,292
CHR6	562168	CHR6:562168	SSF x Near_LoA	-4,328	0,207	0,289
CHR6	562252	CHR6:562252	SSF x Near_LoA	-3,797	0,218	0,281
CHR6	5626368	CHR6:5626368	SSF x Near_LoA	-6,009	-0,060	0,294
CHR6	5626396	CHR6:5626396	SSF x Near_LoA	-7,529	-0,104	0,283
CHR6	5626414	CHR6:5626414	SSF x Near_LoA	-9,244	0,014	0,296
CHR6	562939	CHR6:562939	SSF x Near_LoA	-8,997	-0,031	0,281
CHR6	5634994	CHR6:5634994	SSF x Near_LoA	-6,400	0,051	0,304

CHR6	5635014	CHR6:5635014	SSF x Near_LoA	-4,767	0,099	0,307
CHR6	5635037	CHR6:5635037	SSF x Near_LoA	-7,854	0,030	0,293
CHR6	5635077	CHR6:5635077	SSF x Near_LoA	-7,138	0,144	0,289
CHR6	5635099	CHR6:5635099	SSF x Near_LoA	-8,556	-0,071	0,289
CHR6	5635105	CHR6:5635105	SSF x Near_LoA	-6,227	0,144	0,275
CHR6	5657899	CHR6:5657899	SSF x Near_LoA	-3,662	0,132	0,279
CHR6	5660996	CHR6:5660996	SSF x Near_LoA	-8,622	0,048	0,295
CHR6	5662463	CHR6:5662463	SSF x Near_LoA	-7,727	-0,006	0,292
CHR6	5662479	CHR6:5662479	SSF x Near_LoA	-5,451	-0,084	0,286
CHR6	5662487	CHR6:5662487	SSF x Near_LoA	-9,014	0,096	0,279
CHR6	5662756	CHR6:5662756	SSF x Near_LoA	-9,141	-0,037	0,282
CHR6	5670482	CHR6:5670482	SSF x Near_LoA	-7,091	0,095	0,282
CHR6	5670491	CHR6:5670491	SSF x Near_LoA	-9,179	0,037	0,298
CHR6	5671654	CHR6:5671654	SSF x Near_LoA	-5,166	-0,148	0,279
CHR6	5671657	CHR6:5671657	SSF x Near_LoA	-10,672	-0,007	0,286
CHR6	5671739	CHR6:5671739	SSF x Near_LoA	-10,233	0,031	0,289
CHR6	5671760	CHR6:5671760	SSF x Near_LoA	-7,577	-0,003	0,280
CHR6	568197	CHR6:568197	SSF x Near_LoA	-6,864	0,030	0,296
CHR6	568240	CHR6:568240	SSF x Near_LoA	-9,026	-0,035	0,302
CHR6	568245	CHR6:568245	SSF x Near_LoA	-7,909	0,097	0,280
CHR6	568356	CHR6:568356	SSF x Near_LoA	-10,858	-0,055	0,285
CHR6	568374	CHR6:568374	SSF x Near_LoA	-6,187	-0,125	0,284
CHR6	568390	CHR6:568390	SSF x Near_LoA	-9,039	0,030	0,284
CHR6	568418	CHR6:568418	SSF x Near_LoA	-5,381	0,127	0,270
CHR6	568577	CHR6:568577	SSF x Near_LoA	-7,004	-0,076	0,282
CHR6	5720444	CHR6:5720444	SSF x Near_LoA	-7,369	0,157	0,263
CHR6	5720502	CHR6:5720502	SSF x Near_LoA	-6,794	0,095	0,276
CHR6	5720508	CHR6:5720508	SSF x Near_LoA	-9,156	0,048	0,278
CHR6	574873	CHR6:574873	SSF x Near_LoA	-10,730	-0,055	0,285
CHR6	575074	CHR6:575074	SSF x Near_LoA	-7,607	-0,143	0,282
CHR6	575080	CHR6:575080	SSF x Near_LoA	-4,299	0,178	0,289
CHR6	5754817	CHR6:5754817	SSF x Near_LoA	-1,652	-0,092	0,276
CHR6	5754827	CHR6:5754827	SSF x Near_LoA	-9,783	-0,030	0,286
CHR6	5763134	CHR6:5763134	SSF x Near_LoA	-6,598	-0,003	0,277
CHR6	5763175	CHR6:5763175	SSF x Near_LoA	-9,401	-0,043	0,298
CHR6	5764064	CHR6:5764064	SSF x Near_LoA	-6,367	-0,075	0,309
CHR6	5764143	CHR6:5764143	SSF x Near_LoA	-5,846	0,151	0,277
CHR6	5767139	CHR6:5767139	SSF x Near_LoA	-9,939	-0,022	0,280
CHR6	5780754	CHR6:5780754	SSF x Near_LoA	-8,183	-0,035	0,286
CHR6	5780894	CHR6:5780894	SSF x Near_LoA	-6,719	-0,104	0,292
CHR6	5780900	CHR6:5780900	SSF x Near_LoA	-5,941	0,157	0,282
CHR6	580265	CHR6:580265	SSF x Near_LoA	-8,193	-0,055	0,279
CHR6	580416	CHR6:580416	SSF x Near_LoA	-8,251	0,012	0,294
CHR6	580574	CHR6:580574	SSF x Near_LoA	-9,033	-0,040	0,294
CHR6	580726	CHR6:580726	SSF x Near_LoA	-9,239	0,033	0,289
CHR6	5809419	CHR6:5809419	SSF x Near_LoA	-8,768	0,148	0,289
CHR6	5809480	CHR6:5809480	SSF x Near_LoA	-7,734	0,078	0,270
CHR6	5809517	CHR6:5809517	SSF x Near_LoA	-8,579	-0,034	0,293
CHR6	5852840	CHR6:5852840	SSF x Near_LoA	-10,762	0,059	0,275
CHR6	5852892	CHR6:5852892	SSF x Near_LoA	-7,614	0,022	0,282
CHR6	5852903	CHR6:5852903	SSF x Near_LoA	-8,553	0,026	0,286
CHR6	5852906	CHR6:5852906	SSF x Near_LoA	-6,755	-0,016	0,297
CHR6	5852919	CHR6:5852919	SSF x Near_LoA	-9,592	0,043	0,294

CHR6	5852952	CHR6:5852952	SSF x Near_LoA	-9,041	0,029	0,311
CHR6	5852982	CHR6:5852982	SSF x Near_LoA	-7,692	-0,007	0,302
CHR6	5863399	CHR6:5863399	SSF x Near_LoA	-7,544	0,019	0,286
CHR6	5863414	CHR6:5863414	SSF x Near_LoA	-6,024	-0,127	0,291
CHR6	5863444	CHR6:5863444	SSF x Near_LoA	-6,375	-0,156	0,287
CHR6	5863502	CHR6:5863502	SSF x Near_LoA	-9,882	0,106	0,292
CHR6	5863721	CHR6:5863721	SSF x Near_LoA	-4,851	-0,120	0,299
CHR6	5863727	CHR6:5863727	SSF x Near_LoA	-10,443	-0,001	0,288
CHR6	5872192	CHR6:5872192	SSF x Near_LoA	-6,331	-0,100	0,294
CHR6	5872285	CHR6:5872285	SSF x Near_LoA	-6,825	-0,192	0,281
CHR6	5872316	CHR6:5872316	SSF x Near_LoA	-8,034	0,100	0,285
CHR6	5875775	CHR6:5875775	SSF x Near_LoA	-6,807	-0,078	0,282
CHR6	5875893	CHR6:5875893	SSF x Near_LoA	-7,020	0,003	0,286
CHR6	5875952	CHR6:5875952	SSF x Near_LoA	-5,517	0,117	0,286
CHR6	5875961	CHR6:5875961	SSF x Near_LoA	-6,905	0,163	0,267
CHR6	5878350	CHR6:5878350	SSF x Near_LoA	-7,421	0,025	0,296
CHR6	5878428	CHR6:5878428	SSF x Near_LoA	-9,756	-0,043	0,305
CHR6	5878430	CHR6:5878430	SSF x Near_LoA	-9,446	-0,029	0,297
CHR6	5878562	CHR6:5878562	SSF x Near_LoA	-4,340	0,057	0,283
CHR6	5882249	CHR6:5882249	SSF x Near_LoA	-6,358	0,113	0,282
CHR6	5882379	CHR6:5882379	SSF x Near_LoA	-7,127	0,097	0,290
CHR6	5882394	CHR6:5882394	SSF x Near_LoA	-6,844	0,111	0,281
CHR6	5914331	CHR6:5914331	SSF x Near_LoA	-5,689	0,065	0,290
CHR6	5914351	CHR6:5914351	SSF x Near_LoA	-8,884	-0,105	0,283
CHR6	5916136	CHR6:5916136	SSF x Near_LoA	-7,449	-0,021	0,273
CHR6	5923578	CHR6:5923578	SSF x Near_LoA	-7,619	-0,044	0,290
CHR6	5923634	CHR6:5923634	SSF x Near_LoA	-10,779	0,009	0,277
CHR6	5943197	CHR6:5943197	SSF x Near_LoA	-8,476	0,020	0,280
CHR6	5943293	CHR6:5943293	SSF x Near_LoA	-6,602	-0,023	0,297
CHR6	5947419	CHR6:5947419	SSF x Near_LoA	-4,667	-0,200	0,278
CHR6	5947440	CHR6:5947440	SSF x Near_LoA	-8,502	0,041	0,268
CHR6	5955256	CHR6:5955256	SSF x Near_LoA	-7,924	0,059	0,284
CHR6	5955414	CHR6:5955414	SSF x Near_LoA	-9,350	-0,052	0,282
CHR6	5955934	CHR6:5955934	SSF x Near_LoA	-9,875	-0,081	0,290
CHR6	5967963	CHR6:5967963	SSF x Near_LoA	-6,317	0,065	0,292
CHR6	5968061	CHR6:5968061	SSF x Near_LoA	-9,136	-0,009	0,281
CHR6	5968087	CHR6:5968087	SSF x Near_LoA	-9,686	0,115	0,288
CHR6	5968091	CHR6:5968091	SSF x Near_LoA	-8,746	0,010	0,276
CHR6	5968138	CHR6:5968138	SSF x Near_LoA	-9,848	0,055	0,291
CHR6	5976503	CHR6:5976503	SSF x Near_LoA	-7,842	-0,091	0,288
CHR6	5976535	CHR6:5976535	SSF x Near_LoA	-7,766	0,086	0,287
CHR6	5976545	CHR6:5976545	SSF x Near_LoA	-4,989	-0,118	0,295
CHR6	5976594	CHR6:5976594	SSF x Near_LoA	-7,908	0,044	0,302
CHR6	5976608	CHR6:5976608	SSF x Near_LoA	-8,953	-0,062	0,279
CHR6	5976669	CHR6:5976669	SSF x Near_LoA	-7,248	0,030	0,293
CHR6	5976673	CHR6:5976673	SSF x Near_LoA	-8,789	-0,094	0,283
CHR6	5976676	CHR6:5976676	SSF x Near_LoA	-8,934	-0,012	0,289
CHR6	5976691	CHR6:5976691	SSF x Near_LoA	-7,076	0,087	0,297
CHR6	5976715	CHR6:5976715	SSF x Near_LoA	-6,978	0,002	0,294
CHR6	5976720	CHR6:5976720	SSF x Near_LoA	-8,814	-0,058	0,294
CHR6	5992057	CHR6:5992057	SSF x Near_LoA	-7,846	0,113	0,284
CHR6	5992072	CHR6:5992072	SSF x Near_LoA	-4,030	-0,123	0,284
CHR6	5992134	CHR6:5992134	SSF x Near_LoA	-9,112	-0,048	0,288

CHR6	5992231	CHR6:5992231	SSF x Near_LoA	-7,469	0,037	0,294
CHR6	5992291	CHR6:5992291	SSF x Near_LoA	-9,479	0,028	0,282
CHR6	604371	CHR6:604371	SSF x Near_LoA	-9,964	-0,026	0,289
CHR6	6045992	CHR6:6045992	SSF x Near_LoA	-9,201	0,030	0,284
CHR6	6046017	CHR6:6046017	SSF x Near_LoA	-10,453	0,083	0,291
CHR6	6056660	CHR6:6056660	SSF x Near_LoA	-6,119	0,060	0,283
CHR6	6056763	CHR6:6056763	SSF x Near_LoA	-9,060	-0,077	0,292
CHR6	6072343	CHR6:6072343	SSF x Near_LoA	-8,718	-0,050	0,293
CHR6	6072408	CHR6:6072408	SSF x Near_LoA	-7,792	-0,034	0,285
CHR6	6072443	CHR6:6072443	SSF x Near_LoA	-5,229	0,202	0,278
CHR6	6075818	CHR6:6075818	SSF x Near_LoA	-7,647	-0,065	0,279
CHR6	6075860	CHR6:6075860	SSF x Near_LoA	-8,279	-0,117	0,288
CHR6	6076495	CHR6:6076495	SSF x Near_LoA	-7,383	0,219	0,277
CHR6	6084100	CHR6:6084100	SSF x Near_LoA	-8,862	0,081	0,284
CHR6	6084309	CHR6:6084309	SSF x Near_LoA	-6,468	-0,176	0,277
CHR6	6084398	CHR6:6084398	SSF x Near_LoA	-6,692	0,165	0,269
CHR6	6101516	CHR6:6101516	SSF x Near_LoA	-9,576	-0,017	0,299
CHR6	6108319	CHR6:6108319	SSF x Near_LoA	-3,219	-0,140	0,284
CHR6	6124089	CHR6:6124089	SSF x Near_LoA	-9,027	-0,042	0,297
CHR6	6124153	CHR6:6124153	SSF x Near_LoA	-3,223	-0,176	0,273
CHR6	6172810	CHR6:6172810	SSF x Near_LoA	-7,128	-0,059	0,288
CHR6	6172827	CHR6:6172827	SSF x Near_LoA	-9,101	-0,142	0,280
CHR6	6173038	CHR6:6173038	SSF x Near_LoA	-6,423	0,036	0,281
CHR6	6173129	CHR6:6173129	SSF x Near_LoA	-7,633	0,111	0,288
CHR6	6181567	CHR6:6181567	SSF x Near_LoA	-10,272	-0,077	0,295
CHR6	619677	CHR6:619677	SSF x Near_LoA	-8,707	-0,023	0,314
CHR6	619852	CHR6:619852	SSF x Near_LoA	-8,460	-0,105	0,305
CHR6	619910	CHR6:619910	SSF x Near_LoA	-6,016	0,085	0,287
CHR6	620031	CHR6:620031	SSF x Near_LoA	-8,179	-0,015	0,303
CHR6	620061	CHR6:620061	SSF x Near_LoA	-9,037	0,040	0,283
CHR6	6213927	CHR6:6213927	SSF x Near_LoA	-7,039	-0,056	0,296
CHR6	6213940	CHR6:6213940	SSF x Near_LoA	-6,620	-0,060	0,288
CHR6	6214024	CHR6:6214024	SSF x Near_LoA	-3,667	-0,074	0,286
CHR6	6214054	CHR6:6214054	SSF x Near_LoA	-5,215	0,189	0,272
CHR6	6214130	CHR6:6214130	SSF x Near_LoA	-7,525	0,065	0,279
CHR6	6214156	CHR6:6214156	SSF x Near_LoA	-10,584	-0,082	0,284
CHR6	6216158	CHR6:6216158	SSF x Near_LoA	-9,638	-0,034	0,285
CHR6	6216241	CHR6:6216241	SSF x Near_LoA	-6,045	-0,024	0,287
CHR6	6216253	CHR6:6216253	SSF x Near_LoA	-8,284	0,096	0,283
CHR6	6237206	CHR6:6237206	SSF x Near_LoA	-7,860	-0,136	0,277
CHR6	6237258	CHR6:6237258	SSF x Near_LoA	-9,246	0,125	0,295
CHR6	6237401	CHR6:6237401	SSF x Near_LoA	-8,594	-0,051	0,300
CHR6	6242387	CHR6:6242387	SSF x Near_LoA	-5,164	-0,071	0,285
CHR6	6242637	CHR6:6242637	SSF x Near_LoA	-9,220	-0,032	0,277
CHR6	6245627	CHR6:6245627	SSF x Near_LoA	-6,579	0,111	0,271
CHR6	6245682	CHR6:6245682	SSF x Near_LoA	-4,114	-0,122	0,285
CHR6	6245685	CHR6:6245685	SSF x Near_LoA	-9,868	-0,011	0,271
CHR6	6245844	CHR6:6245844	SSF x Near_LoA	-4,942	-0,062	0,287
CHR6	6250645	CHR6:6250645	SSF x Near_LoA	-5,862	-0,072	0,286
CHR6	6268730	CHR6:6268730	SSF x Near_LoA	-10,047	-0,033	0,294
CHR6	6282578	CHR6:6282578	SSF x Near_LoA	-9,308	-0,079	0,300
CHR6	6282585	CHR6:6282585	SSF x Near_LoA	3,003	-0,261	0,265
CHR6	6282666	CHR6:6282666	SSF x Near_LoA	-7,724	0,164	0,278

CHR6	6282682	CHR6:6282682	SSF x Near_LoA	-6,302	-0,079	0,301
CHR6	6283298	CHR6:6283298	SSF x Near_LoA	-9,435	-0,077	0,279
CHR6	6283341	CHR6:6283341	SSF x Near_LoA	-9,205	-0,099	0,287
CHR6	630380	CHR6:630380	SSF x Near_LoA	2,758	-0,234	0,267
CHR6	630381	CHR6:630381	SSF x Near_LoA	-0,951	-0,229	0,271
CHR6	630431	CHR6:630431	SSF x Near_LoA	-9,226	-0,059	0,270
CHR6	630490	CHR6:630490	SSF x Near_LoA	-10,547	-0,032	0,285
CHR6	630537	CHR6:630537	SSF x Near_LoA	-8,070	-0,060	0,282
CHR6	630562	CHR6:630562	SSF x Near_LoA	-6,973	0,154	0,281
CHR6	630636	CHR6:630636	SSF x Near_LoA	-10,348	-0,007	0,278
CHR6	6311284	CHR6:6311284	SSF x Near_LoA	-9,673	-0,059	0,288
CHR6	6318203	CHR6:6318203	SSF x Near_LoA	-8,884	0,027	0,292
CHR6	6318334	CHR6:6318334	SSF x Near_LoA	-8,668	0,075	0,282
CHR6	6318351	CHR6:6318351	SSF x Near_LoA	-8,199	0,039	0,285
CHR6	6318397	CHR6:6318397	SSF x Near_LoA	-10,225	-0,022	0,294
CHR6	6318408	CHR6:6318408	SSF x Near_LoA	-9,034	0,016	0,285
CHR6	6324125	CHR6:6324125	SSF x Near_LoA	-7,613	-0,089	0,292
CHR6	6324324	CHR6:6324324	SSF x Near_LoA	-4,972	-0,171	0,291
CHR6	6324328	CHR6:6324328	SSF x Near_LoA	-7,039	0,106	0,295
CHR6	6324332	CHR6:6324332	SSF x Near_LoA	-8,939	0,119	0,285
CHR6	6324416	CHR6:6324416	SSF x Near_LoA	-0,150	0,329	0,258
CHR6	6326691	CHR6:6326691	SSF x Near_LoA	-8,637	0,060	0,286
CHR6	6326767	CHR6:6326767	SSF x Near_LoA	-5,463	-0,039	0,285
CHR6	6332030	CHR6:6332030	SSF x Near_LoA	-6,459	-0,103	0,277
CHR6	6332080	CHR6:6332080	SSF x Near_LoA	-9,415	-0,042	0,285
CHR6	6332109	CHR6:6332109	SSF x Near_LoA	-9,273	-0,038	0,281
CHR6	6332116	CHR6:6332116	SSF x Near_LoA	-9,367	0,001	0,286
CHR6	6332117	CHR6:6332117	SSF x Near_LoA	-8,002	-0,004	0,290
CHR6	6332137	CHR6:6332137	SSF x Near_LoA	-7,728	-0,053	0,285
CHR6	6332138	CHR6:6332138	SSF x Near_LoA	-6,824	-0,071	0,284
CHR6	6332139	CHR6:6332139	SSF x Near_LoA	-5,798	-0,075	0,301
CHR6	6341871	CHR6:6341871	SSF x Near_LoA	-8,430	-0,144	0,290
CHR6	6342082	CHR6:6342082	SSF x Near_LoA	-7,563	0,114	0,283
CHR6	634330	CHR6:634330	SSF x Near_LoA	-8,645	-0,101	0,287
CHR6	634379	CHR6:634379	SSF x Near_LoA	-7,462	0,052	0,286
CHR6	6347988	CHR6:6347988	SSF x Near_LoA	-7,962	-0,163	0,279
CHR6	6378214	CHR6:6378214	SSF x Near_LoA	-8,644	0,035	0,295
CHR6	6378393	CHR6:6378393	SSF x Near_LoA	-9,044	-0,058	0,280
CHR6	6378439	CHR6:6378439	SSF x Near_LoA	-10,654	-0,030	0,294
CHR6	6400225	CHR6:6400225	SSF x Near_LoA	-8,339	0,088	0,296
CHR6	6400308	CHR6:6400308	SSF x Near_LoA	-9,819	-0,045	0,281
CHR6	6423480	CHR6:6423480	SSF x Near_LoA	-6,942	-0,137	0,280
CHR6	6423588	CHR6:6423588	SSF x Near_LoA	-9,086	-0,026	0,275
CHR6	6423768	CHR6:6423768	SSF x Near_LoA	-9,311	-0,045	0,289
CHR6	6423773	CHR6:6423773	SSF x Near_LoA	-6,463	0,073	0,283
CHR6	6423777	CHR6:6423777	SSF x Near_LoA	-7,748	0,090	0,282
CHR6	6428368	CHR6:6428368	SSF x Near_LoA	-4,804	-0,123	0,269
CHR6	6428542	CHR6:6428542	SSF x Near_LoA	-7,706	-0,018	0,296
CHR6	6428681	CHR6:6428681	SSF x Near_LoA	-7,621	0,112	0,281
CHR6	6428696	CHR6:6428696	SSF x Near_LoA	-7,439	0,052	0,295
CHR6	6428785	CHR6:6428785	SSF x Near_LoA	-8,161	-0,043	0,286
CHR6	6441548	CHR6:6441548	SSF x Near_LoA	-9,746	-0,014	0,288
CHR6	6441688	CHR6:6441688	SSF x Near_LoA	-10,026	-0,048	0,283

CHR6	6441696	CHR6:6441696	SSF x Near_LoA	-7,744	0,068	0,281
CHR6	6441762	CHR6:6441762	SSF x Near_LoA	-8,145	0,021	0,276
CHR6	6447783	CHR6:6447783	SSF x Near_LoA	-9,469	0,050	0,283
CHR6	6447817	CHR6:6447817	SSF x Near_LoA	-10,605	0,027	0,287
CHR6	6447997	CHR6:6447997	SSF x Near_LoA	-3,923	0,241	0,272
CHR6	6447999	CHR6:6447999	SSF x Near_LoA	-2,400	0,198	0,286
CHR6	6452770	CHR6:6452770	SSF x Near_LoA	-6,929	-0,115	0,270
CHR6	6455557	CHR6:6455557	SSF x Near_LoA	-2,351	0,233	0,270
CHR6	6456121	CHR6:6456121	SSF x Near_LoA	-9,253	0,064	0,287
CHR6	6456128	CHR6:6456128	SSF x Near_LoA	-10,464	0,048	0,279
CHR6	6456136	CHR6:6456136	SSF x Near_LoA	-8,714	-0,005	0,286
CHR6	6466476	CHR6:6466476	SSF x Near_LoA	-10,659	0,051	0,281
CHR6	6480008	CHR6:6480008	SSF x Near_LoA	-7,136	0,095	0,280
CHR6	6480090	CHR6:6480090	SSF x Near_LoA	-3,848	0,156	0,288
CHR6	6480313	CHR6:6480313	SSF x Near_LoA	-6,469	-0,188	0,288
CHR6	6486752	CHR6:6486752	SSF x Near_LoA	-3,863	-0,140	0,289
CHR6	6486755	CHR6:6486755	SSF x Near_LoA	1,563	0,189	0,279
CHR6	6486914	CHR6:6486914	SSF x Near_LoA	-10,315	0,067	0,277
CHR6	6494614	CHR6:6494614	SSF x Near_LoA	-5,008	-0,181	0,282
CHR6	6494628	CHR6:6494628	SSF x Near_LoA	-10,285	-0,055	0,286
CHR6	6494630	CHR6:6494630	SSF x Near_LoA	-3,512	-0,254	0,271
CHR6	6494688	CHR6:6494688	SSF x Near_LoA	-7,282	-0,070	0,289
CHR6	6495842	CHR6:6495842	SSF x Near_LoA	-8,058	-0,188	0,272
CHR6	6495865	CHR6:6495865	SSF x Near_LoA	-9,377	-0,023	0,274
CHR6	6501290	CHR6:6501290	SSF x Near_LoA	-7,848	-0,015	0,300
CHR6	6501388	CHR6:6501388	SSF x Near_LoA	-7,210	0,048	0,305
CHR6	6501521	CHR6:6501521	SSF x Near_LoA	-7,430	0,002	0,291
CHR6	6501605	CHR6:6501605	SSF x Near_LoA	-9,274	-0,018	0,283
CHR6	6501634	CHR6:6501634	SSF x Near_LoA	-8,980	0,081	0,286
CHR6	6501664	CHR6:6501664	SSF x Near_LoA	2,270	-0,105	0,294
CHR6	6501665	CHR6:6501665	SSF x Near_LoA	-7,773	0,057	0,290
CHR6	6501668	CHR6:6501668	SSF x Near_LoA	-10,247	0,037	0,290
CHR6	6514613	CHR6:6514613	SSF x Near_LoA	-8,970	0,026	0,286
CHR6	6517372	CHR6:6517372	SSF x Near_LoA	-8,066	-0,031	0,284
CHR6	6518656	CHR6:6518656	SSF x Near_LoA	-9,393	-0,020	0,287
CHR6	6518687	CHR6:6518687	SSF x Near_LoA	-10,184	-0,044	0,285
CHR6	6518820	CHR6:6518820	SSF x Near_LoA	-8,525	-0,045	0,294
CHR6	6518897	CHR6:6518897	SSF x Near_LoA	-8,944	-0,068	0,277
CHR6	6520422	CHR6:6520422	SSF x Near_LoA	-7,471	0,134	0,284
CHR6	6520427	CHR6:6520427	SSF x Near_LoA	-10,355	-0,002	0,292
CHR6	6520537	CHR6:6520537	SSF x Near_LoA	-6,858	-0,160	0,268
CHR6	6520553	CHR6:6520553	SSF x Near_LoA	-7,592	-0,078	0,265
CHR6	6520574	CHR6:6520574	SSF x Near_LoA	-9,939	0,047	0,283
CHR6	6520587	CHR6:6520587	SSF x Near_LoA	-9,224	-0,047	0,280
CHR6	6520594	CHR6:6520594	SSF x Near_LoA	-9,077	-0,037	0,280
CHR6	6533523	CHR6:6533523	SSF x Near_LoA	-6,152	0,019	0,279
CHR6	6533686	CHR6:6533686	SSF x Near_LoA	-7,046	0,068	0,275
CHR6	6533726	CHR6:6533726	SSF x Near_LoA	-6,997	-0,072	0,292
CHR6	6533830	CHR6:6533830	SSF x Near_LoA	-5,787	-0,131	0,266
CHR6	6578881	CHR6:6578881	SSF x Near_LoA	-10,777	-0,009	0,276
CHR6	6579026	CHR6:6579026	SSF x Near_LoA	-8,340	0,133	0,268
CHR6	6579137	CHR6:6579137	SSF x Near_LoA	-8,055	0,046	0,289
CHR6	6579144	CHR6:6579144	SSF x Near_LoA	-9,354	-0,084	0,290

CHR6	6579182	CHR6:6579182	SSF x Near_LoA	-9,165	0,033	0,295
CHR6	6579232	CHR6:6579232	SSF x Near_LoA	-8,502	0,029	0,285
CHR6	6579256	CHR6:6579256	SSF x Near_LoA	-9,486	0,094	0,290
CHR6	6585204	CHR6:6585204	SSF x Near_LoA	-7,262	-0,010	0,297
CHR6	6585489	CHR6:6585489	SSF x Near_LoA	-11,193	-0,002	0,290
CHR6	6595324	CHR6:6595324	SSF x Near_LoA	-7,613	-0,080	0,286
CHR6	6595377	CHR6:6595377	SSF x Near_LoA	-7,280	-0,110	0,291
CHR6	6595383	CHR6:6595383	SSF x Near_LoA	-7,536	-0,112	0,284
CHR6	6595464	CHR6:6595464	SSF x Near_LoA	-9,359	0,029	0,286
CHR6	6595483	CHR6:6595483	SSF x Near_LoA	-8,674	-0,054	0,310
CHR6	6595501	CHR6:6595501	SSF x Near_LoA	-9,759	-0,030	0,289
CHR6	6615456	CHR6:6615456	SSF x Near_LoA	-7,010	0,139	0,295
CHR6	6615642	CHR6:6615642	SSF x Near_LoA	-8,147	-0,026	0,295
CHR6	6615733	CHR6:6615733	SSF x Near_LoA	-8,275	0,033	0,280
CHR6	6615784	CHR6:6615784	SSF x Near_LoA	-8,250	-0,092	0,291
CHR6	6625427	CHR6:6625427	SSF x Near_LoA	-10,347	0,035	0,294
CHR6	6625586	CHR6:6625586	SSF x Near_LoA	-7,937	-0,061	0,279
CHR6	662747	CHR6:662747	SSF x Near_LoA	-8,773	0,097	0,275
CHR6	664390	CHR6:664390	SSF x Near_LoA	-7,761	0,094	0,281
CHR6	664438	CHR6:664438	SSF x Near_LoA	-6,250	-0,115	0,280
CHR6	664441	CHR6:664441	SSF x Near_LoA	-7,777	-0,072	0,274
CHR6	6646276	CHR6:6646276	SSF x Near_LoA	-7,248	0,123	0,286
CHR6	6653726	CHR6:6653726	SSF x Near_LoA	-9,855	-0,113	0,270
CHR6	6654027	CHR6:6654027	SSF x Near_LoA	-8,263	0,034	0,277
CHR6	6654028	CHR6:6654028	SSF x Near_LoA	-8,179	-0,026	0,278
CHR6	6654115	CHR6:6654115	SSF x Near_LoA	-8,286	0,145	0,273
CHR6	6662808	CHR6:6662808	SSF x Near_LoA	-8,488	0,024	0,277
CHR6	6663809	CHR6:6663809	SSF x Near_LoA	-6,947	0,109	0,277
CHR6	6673153	CHR6:6673153	SSF x Near_LoA	-7,888	0,019	0,306
CHR6	6673205	CHR6:6673205	SSF x Near_LoA	-8,196	-0,007	0,288
CHR6	6673221	CHR6:6673221	SSF x Near_LoA	-8,985	-0,149	0,283
CHR6	6673261	CHR6:6673261	SSF x Near_LoA	-5,471	-0,131	0,272
CHR6	6673262	CHR6:6673262	SSF x Near_LoA	-7,593	-0,070	0,278
CHR6	6673264	CHR6:6673264	SSF x Near_LoA	-7,789	-0,013	0,294
CHR6	6673343	CHR6:6673343	SSF x Near_LoA	-8,969	-0,122	0,280
CHR6	6680105	CHR6:6680105	SSF x Near_LoA	-6,762	0,071	0,298
CHR6	6680136	CHR6:6680136	SSF x Near_LoA	-6,324	0,119	0,288
CHR6	6680248	CHR6:6680248	SSF x Near_LoA	-8,134	0,131	0,283
CHR6	6680283	CHR6:6680283	SSF x Near_LoA	-5,112	0,139	0,270
CHR6	6680340	CHR6:6680340	SSF x Near_LoA	-9,116	-0,012	0,285
CHR6	6680423	CHR6:6680423	SSF x Near_LoA	-9,604	-0,112	0,287
CHR6	6680500	CHR6:6680500	SSF x Near_LoA	-8,348	0,064	0,290
CHR6	668843	CHR6:668843	SSF x Near_LoA	3,378	-0,053	0,276
CHR6	668887	CHR6:668887	SSF x Near_LoA	-7,142	-0,064	0,268
CHR6	6699567	CHR6:6699567	SSF x Near_LoA	-3,886	-0,136	0,291
CHR6	6699599	CHR6:6699599	SSF x Near_LoA	-8,442	0,032	0,281
CHR6	6699614	CHR6:6699614	SSF x Near_LoA	-6,963	-0,072	0,286
CHR6	6699632	CHR6:6699632	SSF x Near_LoA	-6,982	-0,120	0,289
CHR6	6699635	CHR6:6699635	SSF x Near_LoA	-6,754	0,051	0,294
CHR6	670816	CHR6:670816	SSF x Near_LoA	-8,302	0,092	0,287
CHR6	670873	CHR6:670873	SSF x Near_LoA	-7,780	0,085	0,287
CHR6	670879	CHR6:670879	SSF x Near_LoA	-5,605	0,230	0,283
CHR6	6709766	CHR6:6709766	SSF x Near_LoA	-9,544	-0,078	0,289

CHR6	6709852	CHR6:6709852	SSF x Near_LoA	-6,913	-0,081	0,279
CHR6	6709947	CHR6:6709947	SSF x Near_LoA	-8,168	-0,018	0,285
CHR6	6709972	CHR6:6709972	SSF x Near_LoA	-7,713	0,052	0,290
CHR6	6709985	CHR6:6709985	SSF x Near_LoA	-8,252	0,057	0,283
CHR6	6709989	CHR6:6709989	SSF x Near_LoA	-4,714	0,052	0,288
CHR6	6710012	CHR6:6710012	SSF x Near_LoA	-8,030	0,014	0,290
CHR6	6710028	CHR6:6710028	SSF x Near_LoA	-6,760	0,040	0,277
CHR6	6710120	CHR6:6710120	SSF x Near_LoA	-7,839	0,069	0,293
CHR6	6710136	CHR6:6710136	SSF x Near_LoA	-6,482	-0,123	0,284
CHR6	6726179	CHR6:6726179	SSF x Near_LoA	-7,851	0,017	0,283
CHR6	6728050	CHR6:6728050	SSF x Near_LoA	-8,609	-0,010	0,279
CHR6	6728160	CHR6:6728160	SSF x Near_LoA	-8,964	0,025	0,293
CHR6	6728165	CHR6:6728165	SSF x Near_LoA	-7,717	-0,021	0,277
CHR6	6728191	CHR6:6728191	SSF x Near_LoA	-7,830	-0,031	0,278
CHR6	6728196	CHR6:6728196	SSF x Near_LoA	-7,195	-0,087	0,280
CHR6	6728200	CHR6:6728200	SSF x Near_LoA	-6,573	0,080	0,287
CHR6	6728213	CHR6:6728213	SSF x Near_LoA	-8,807	-0,033	0,280
CHR6	6728214	CHR6:6728214	SSF x Near_LoA	-6,460	0,060	0,299
CHR6	6728218	CHR6:6728218	SSF x Near_LoA	-7,335	0,058	0,273
CHR6	6728282	CHR6:6728282	SSF x Near_LoA	-5,666	0,064	0,284
CHR6	6735942	CHR6:6735942	SSF x Near_LoA	-10,061	0,101	0,277
CHR6	673690	CHR6:673690	SSF x Near_LoA	-4,916	-0,174	0,288
CHR6	673826	CHR6:673826	SSF x Near_LoA	-5,123	0,103	0,286
CHR6	673899	CHR6:673899	SSF x Near_LoA	-7,398	0,029	0,284
CHR6	673948	CHR6:673948	SSF x Near_LoA	0,383	-0,258	0,269
CHR6	673968	CHR6:673968	SSF x Near_LoA	-9,612	0,003	0,296
CHR6	6740065	CHR6:6740065	SSF x Near_LoA	-9,761	0,043	0,272
CHR6	6740073	CHR6:6740073	SSF x Near_LoA	-10,299	-0,008	0,283
CHR6	6740074	CHR6:6740074	SSF x Near_LoA	-9,014	0,012	0,298
CHR6	6742527	CHR6:6742527	SSF x Near_LoA	-9,799	0,124	0,290
CHR6	6742578	CHR6:6742578	SSF x Near_LoA	-8,775	0,019	0,286
CHR6	6742642	CHR6:6742642	SSF x Near_LoA	-11,040	0,010	0,281
CHR6	6757511	CHR6:6757511	SSF x Near_LoA	-11,272	0,005	0,271
CHR6	6757675	CHR6:6757675	SSF x Near_LoA	-9,512	0,001	0,286
CHR6	6757699	CHR6:6757699	SSF x Near_LoA	-8,112	-0,016	0,276
CHR6	6761175	CHR6:6761175	SSF x Near_LoA	-8,711	0,064	0,282
CHR6	6761176	CHR6:6761176	SSF x Near_LoA	-8,957	0,099	0,282
CHR6	6761208	CHR6:6761208	SSF x Near_LoA	-9,570	0,057	0,276
CHR6	6761213	CHR6:6761213	SSF x Near_LoA	-6,147	0,007	0,288
CHR6	6769017	CHR6:6769017	SSF x Near_LoA	-9,090	-0,016	0,285
CHR6	6772562	CHR6:6772562	SSF x Near_LoA	-6,684	-0,054	0,294
CHR6	6772607	CHR6:6772607	SSF x Near_LoA	-6,585	0,184	0,268
CHR6	6772625	CHR6:6772625	SSF x Near_LoA	-7,541	-0,090	0,299
CHR6	6772632	CHR6:6772632	SSF x Near_LoA	1,869	0,225	0,275
CHR6	6772663	CHR6:6772663	SSF x Near_LoA	-7,654	0,065	0,288
CHR6	6772711	CHR6:6772711	SSF x Near_LoA	-8,406	0,046	0,296
CHR6	6772775	CHR6:6772775	SSF x Near_LoA	-8,124	0,096	0,284
CHR6	6772776	CHR6:6772776	SSF x Near_LoA	-9,110	-0,016	0,303
CHR6	6781526	CHR6:6781526	SSF x Near_LoA	-10,635	-0,044	0,277
CHR6	6796780	CHR6:6796780	SSF x Near_LoA	-8,760	0,078	0,278
CHR6	6797198	CHR6:6797198	SSF x Near_LoA	-7,829	-0,079	0,306
CHR6	680773	CHR6:680773	SSF x Near_LoA	-8,663	0,028	0,289
CHR6	680898	CHR6:680898	SSF x Near_LoA	-7,235	-0,099	0,289

CHR6	680968	CHR6:680968	SSF x Near_LoA	-7,893	-0,112	0,278
CHR6	681000	CHR6:681000	SSF x Near_LoA	-10,081	0,090	0,286
CHR6	681119	CHR6:681119	SSF x Near_LoA	2,105	-0,136	0,296
CHR6	6814570	CHR6:6814570	SSF x Near_LoA	-9,650	0,017	0,295
CHR6	6814577	CHR6:6814577	SSF x Near_LoA	-3,979	0,258	0,276
CHR6	6814646	CHR6:6814646	SSF x Near_LoA	-9,629	0,003	0,290
CHR6	6814653	CHR6:6814653	SSF x Near_LoA	-8,911	-0,081	0,279
CHR6	6814670	CHR6:6814670	SSF x Near_LoA	-7,086	-0,069	0,301
CHR6	6814685	CHR6:6814685	SSF x Near_LoA	-7,222	-0,078	0,297
CHR6	6814707	CHR6:6814707	SSF x Near_LoA	-7,818	-0,050	0,297
CHR6	6814742	CHR6:6814742	SSF x Near_LoA	-6,716	-0,072	0,289
CHR6	6814771	CHR6:6814771	SSF x Near_LoA	-7,912	0,018	0,269
CHR6	6814772	CHR6:6814772	SSF x Near_LoA	-5,901	0,032	0,300
CHR6	6825144	CHR6:6825144	SSF x Near_LoA	-10,588	-0,005	0,295
CHR6	6825148	CHR6:6825148	SSF x Near_LoA	-10,928	0,009	0,295
CHR6	6825231	CHR6:6825231	SSF x Near_LoA	-7,646	-0,004	0,295
CHR6	6825250	CHR6:6825250	SSF x Near_LoA	-6,886	0,039	0,290
CHR6	6825329	CHR6:6825329	SSF x Near_LoA	-8,715	0,011	0,292
CHR6	6873024	CHR6:6873024	SSF x Near_LoA	-8,831	-0,063	0,290
CHR6	6873134	CHR6:6873134	SSF x Near_LoA	-9,266	0,084	0,281
CHR6	6873139	CHR6:6873139	SSF x Near_LoA	-9,421	-0,088	0,284
CHR6	6873143	CHR6:6873143	SSF x Near_LoA	-5,204	0,003	0,295
CHR6	6873182	CHR6:6873182	SSF x Near_LoA	-9,823	-0,041	0,293
CHR6	6885663	CHR6:6885663	SSF x Near_LoA	-5,196	-0,121	0,294
CHR6	6885757	CHR6:6885757	SSF x Near_LoA	-7,500	0,108	0,280
CHR6	6885824	CHR6:6885824	SSF x Near_LoA	-8,105	0,000	0,289
CHR6	6885835	CHR6:6885835	SSF x Near_LoA	-7,846	0,067	0,280
CHR6	6901781	CHR6:6901781	SSF x Near_LoA	-2,155	0,114	0,265
CHR6	6901803	CHR6:6901803	SSF x Near_LoA	-8,466	0,046	0,277
CHR6	6901830	CHR6:6901830	SSF x Near_LoA	-7,491	-0,044	0,290
CHR6	6901890	CHR6:6901890	SSF x Near_LoA	-9,196	-0,109	0,286
CHR6	690698	CHR6:690698	SSF x Near_LoA	-6,259	-0,034	0,312
CHR6	690713	CHR6:690713	SSF x Near_LoA	-2,349	-0,041	0,299
CHR6	690736	CHR6:690736	SSF x Near_LoA	-6,840	-0,054	0,289
CHR6	690745	CHR6:690745	SSF x Near_LoA	-7,634	-0,028	0,295
CHR6	690756	CHR6:690756	SSF x Near_LoA	-7,481	-0,038	0,297
CHR6	6952887	CHR6:6952887	SSF x Near_LoA	-9,151	0,002	0,285
CHR6	6952900	CHR6:6952900	SSF x Near_LoA	-7,128	-0,086	0,282
CHR6	6952972	CHR6:6952972	SSF x Near_LoA	-10,451	-0,009	0,292
CHR6	6963502	CHR6:6963502	SSF x Near_LoA	-10,024	0,062	0,282
CHR6	704005	CHR6:704005	SSF x Near_LoA	-7,190	-0,081	0,284
CHR6	704037	CHR6:704037	SSF x Near_LoA	-6,552	0,076	0,281
CHR6	704270	CHR6:704270	SSF x Near_LoA	-7,739	0,010	0,280
CHR6	7094166	CHR6:7094166	SSF x Near_LoA	-10,434	-0,157	0,267
CHR6	7104097	CHR6:7104097	SSF x Near_LoA	-9,582	0,004	0,288
CHR6	7104100	CHR6:7104100	SSF x Near_LoA	-8,267	-0,070	0,283
CHR6	711933	CHR6:711933	SSF x Near_LoA	0,564	0,136	0,284
CHR6	712174	CHR6:712174	SSF x Near_LoA	-8,137	-0,008	0,270
CHR6	7145262	CHR6:7145262	SSF x Near_LoA	-6,336	0,103	0,285
CHR6	7145272	CHR6:7145272	SSF x Near_LoA	-5,121	0,090	0,290
CHR6	7145300	CHR6:7145300	SSF x Near_LoA	-8,904	-0,049	0,286
CHR6	7145347	CHR6:7145347	SSF x Near_LoA	-5,762	0,074	0,294
CHR6	7145376	CHR6:7145376	SSF x Near_LoA	-6,661	0,127	0,289

CHR6	7145463	CHR6:7145463	SSF x Near_LoA	-4,100	0,022	0,299
CHR6	7148777	CHR6:7148777	SSF x Near_LoA	-8,263	-0,030	0,291
CHR6	7148936	CHR6:7148936	SSF x Near_LoA	-8,615	-0,099	0,290
CHR6	7148976	CHR6:7148976	SSF x Near_LoA	-8,695	-0,042	0,280
CHR6	7173095	CHR6:7173095	SSF x Near_LoA	-4,851	-0,126	0,263
CHR6	7173167	CHR6:7173167	SSF x Near_LoA	-7,566	-0,042	0,285
CHR6	7189505	CHR6:7189505	SSF x Near_LoA	-8,749	0,101	0,273
CHR6	7189637	CHR6:7189637	SSF x Near_LoA	-9,232	0,106	0,276
CHR6	7202962	CHR6:7202962	SSF x Near_LoA	-8,568	-0,041	0,287
CHR6	7202972	CHR6:7202972	SSF x Near_LoA	-10,075	0,034	0,269
CHR6	7246741	CHR6:7246741	SSF x Near_LoA	-9,965	0,016	0,292
CHR6	7251641	CHR6:7251641	SSF x Near_LoA	-7,712	0,055	0,285
CHR6	7295037	CHR6:7295037	SSF x Near_LoA	-9,287	0,000	0,280
CHR6	730843	CHR6:730843	SSF x Near_LoA	-7,404	-0,050	0,276
CHR6	7334231	CHR6:7334231	SSF x Near_LoA	-9,663	-0,067	0,280
CHR6	7352763	CHR6:7352763	SSF x Near_LoA	-9,604	-0,016	0,292
CHR6	7366489	CHR6:7366489	SSF x Near_LoA	-7,226	-0,037	0,287
CHR6	7367486	CHR6:7367486	SSF x Near_LoA	-5,167	0,094	0,280
CHR6	7369221	CHR6:7369221	SSF x Near_LoA	-7,012	0,003	0,287
CHR6	7379867	CHR6:7379867	SSF x Near_LoA	-7,447	0,048	0,289
CHR6	7421188	CHR6:7421188	SSF x Near_LoA	-7,256	0,049	0,309
CHR6	7421211	CHR6:7421211	SSF x Near_LoA	-7,305	0,047	0,299
CHR6	7500168	CHR6:7500168	SSF x Near_LoA	-9,548	-0,027	0,286
CHR6	750219	CHR6:750219	SSF x Near_LoA	-10,204	-0,075	0,274
CHR6	7525992	CHR6:7525992	SSF x Near_LoA	-9,084	0,119	0,286
CHR6	7526233	CHR6:7526233	SSF x Near_LoA	-6,016	0,140	0,275
CHR6	7545760	CHR6:7545760	SSF x Near_LoA	-6,997	0,089	0,274
CHR6	7545844	CHR6:7545844	SSF x Near_LoA	-6,506	-0,041	0,298
CHR6	7545869	CHR6:7545869	SSF x Near_LoA	-7,618	-0,009	0,291
CHR6	7545878	CHR6:7545878	SSF x Near_LoA	-7,389	-0,003	0,294
CHR6	7545909	CHR6:7545909	SSF x Near_LoA	-8,601	-0,001	0,296
CHR6	7548319	CHR6:7548319	SSF x Near_LoA	-7,778	-0,102	0,300
CHR6	7548346	CHR6:7548346	SSF x Near_LoA	-6,654	-0,113	0,304
CHR6	7548420	CHR6:7548420	SSF x Near_LoA	-6,464	-0,008	0,291
CHR6	7555420	CHR6:7555420	SSF x Near_LoA	-6,857	-0,179	0,262
CHR6	7558889	CHR6:7558889	SSF x Near_LoA	-9,891	0,018	0,291
CHR6	7558894	CHR6:7558894	SSF x Near_LoA	-5,373	0,032	0,295
CHR6	7564993	CHR6:7564993	SSF x Near_LoA	-8,168	0,034	0,277
CHR6	7565045	CHR6:7565045	SSF x Near_LoA	-7,828	0,121	0,273
CHR6	7565140	CHR6:7565140	SSF x Near_LoA	-6,949	0,019	0,283
CHR6	7565141	CHR6:7565141	SSF x Near_LoA	-8,296	0,110	0,274
CHR6	7565180	CHR6:7565180	SSF x Near_LoA	-6,749	-0,167	0,280
CHR6	756773	CHR6:756773	SSF x Near_LoA	-1,931	-0,184	0,290
CHR6	756809	CHR6:756809	SSF x Near_LoA	-4,446	-0,166	0,287
CHR6	7569667	CHR6:7569667	SSF x Near_LoA	-9,966	-0,015	0,262
CHR6	7569773	CHR6:7569773	SSF x Near_LoA	-9,945	0,110	0,287
CHR6	7569838	CHR6:7569838	SSF x Near_LoA	-7,141	0,148	0,276
CHR6	7579829	CHR6:7579829	SSF x Near_LoA	-6,128	0,184	0,270
CHR6	7579837	CHR6:7579837	SSF x Near_LoA	-8,516	0,069	0,293
CHR6	7580105	CHR6:7580105	SSF x Near_LoA	-0,648	-0,166	0,286
CHR6	7580218	CHR6:7580218	SSF x Near_LoA	-1,918	-0,163	0,284
CHR6	7591522	CHR6:7591522	SSF x Near_LoA	-8,645	0,125	0,285
CHR6	7599333	CHR6:7599333	SSF x Near_LoA	-7,870	-0,003	0,278

CHR6	7606681	CHR6:7606681	SSF x Near_LoA	-2,412	-0,165	0,295
CHR6	7611415	CHR6:7611415	SSF x Near_LoA	-8,789	0,045	0,281
CHR6	7657342	CHR6:7657342	SSF x Near_LoA	-10,148	-0,017	0,282
CHR6	7659002	CHR6:7659002	SSF x Near_LoA	-5,820	0,075	0,292
CHR6	7659003	CHR6:7659003	SSF x Near_LoA	-9,089	-0,012	0,291
CHR6	7659050	CHR6:7659050	SSF x Near_LoA	-8,161	-0,050	0,281
CHR6	7659063	CHR6:7659063	SSF x Near_LoA	-10,244	-0,101	0,282
CHR6	7659100	CHR6:7659100	SSF x Near_LoA	-7,366	-0,049	0,284
CHR6	7659102	CHR6:7659102	SSF x Near_LoA	-5,356	0,037	0,300
CHR6	7659121	CHR6:7659121	SSF x Near_LoA	-9,616	-0,068	0,295
CHR6	7659136	CHR6:7659136	SSF x Near_LoA	-7,510	0,106	0,295
CHR6	7659145	CHR6:7659145	SSF x Near_LoA	-4,704	-0,108	0,286
CHR6	7659147	CHR6:7659147	SSF x Near_LoA	-9,127	-0,047	0,296
CHR6	7659217	CHR6:7659217	SSF x Near_LoA	-7,793	-0,066	0,297
CHR6	7659231	CHR6:7659231	SSF x Near_LoA	-10,419	-0,042	0,298
CHR6	7659233	CHR6:7659233	SSF x Near_LoA	-7,553	-0,041	0,302
CHR6	7659319	CHR6:7659319	SSF x Near_LoA	-9,723	-0,101	0,283
CHR6	7681872	CHR6:7681872	SSF x Near_LoA	-7,849	0,119	0,288
CHR6	7687554	CHR6:7687554	SSF x Near_LoA	-7,809	0,169	0,267
CHR6	7701129	CHR6:7701129	SSF x Near_LoA	-6,569	0,008	0,296
CHR6	7701215	CHR6:7701215	SSF x Near_LoA	-2,950	-0,138	0,280
CHR6	7701267	CHR6:7701267	SSF x Near_LoA	-8,191	-0,092	0,282
CHR6	7701341	CHR6:7701341	SSF x Near_LoA	-9,596	0,013	0,281
CHR6	7701480	CHR6:7701480	SSF x Near_LoA	-10,192	-0,032	0,294
CHR6	7725738	CHR6:7725738	SSF x Near_LoA	-6,885	0,004	0,296
CHR6	7725777	CHR6:7725777	SSF x Near_LoA	-7,186	0,058	0,284
CHR6	7725914	CHR6:7725914	SSF x Near_LoA	-8,888	-0,010	0,293
CHR6	7725934	CHR6:7725934	SSF x Near_LoA	-9,045	0,063	0,295
CHR6	7729746	CHR6:7729746	SSF x Near_LoA	-2,844	0,013	0,287
CHR6	7729778	CHR6:7729778	SSF x Near_LoA	-7,991	0,036	0,279
CHR6	7729951	CHR6:7729951	SSF x Near_LoA	-9,676	0,068	0,286
CHR6	7733838	CHR6:7733838	SSF x Near_LoA	-5,931	-0,065	0,281
CHR6	7733911	CHR6:7733911	SSF x Near_LoA	-5,843	0,129	0,287
CHR6	7734181	CHR6:7734181	SSF x Near_LoA	-10,246	-0,124	0,269
CHR6	7751498	CHR6:7751498	SSF x Near_LoA	-8,303	-0,039	0,280
CHR6	7751542	CHR6:7751542	SSF x Near_LoA	-8,549	-0,020	0,287
CHR6	775567	CHR6:775567	SSF x Near_LoA	-8,649	-0,070	0,292
CHR6	7758231	CHR6:7758231	SSF x Near_LoA	-8,991	0,047	0,290
CHR6	7758239	CHR6:7758239	SSF x Near_LoA	-8,110	-0,087	0,291
CHR6	7758276	CHR6:7758276	SSF x Near_LoA	-1,969	-0,087	0,284
CHR6	7758282	CHR6:7758282	SSF x Near_LoA	-6,911	0,079	0,275
CHR6	7769026	CHR6:7769026	SSF x Near_LoA	-8,005	-0,022	0,298
CHR6	7774227	CHR6:7774227	SSF x Near_LoA	-7,234	0,114	0,289
CHR6	7774273	CHR6:7774273	SSF x Near_LoA	-6,356	-0,122	0,272
CHR6	7774326	CHR6:7774326	SSF x Near_LoA	-9,240	0,034	0,275
CHR6	7774348	CHR6:7774348	SSF x Near_LoA	-8,359	0,030	0,284
CHR6	7774356	CHR6:7774356	SSF x Near_LoA	-4,603	-0,123	0,283
CHR6	7774434	CHR6:7774434	SSF x Near_LoA	-8,394	-0,050	0,294
CHR6	7774481	CHR6:7774481	SSF x Near_LoA	-8,603	0,036	0,291
CHR6	7774523	CHR6:7774523	SSF x Near_LoA	-7,974	0,017	0,302
CHR6	7788649	CHR6:7788649	SSF x Near_LoA	-9,713	-0,010	0,290
CHR6	7788728	CHR6:7788728	SSF x Near_LoA	-2,912	0,243	0,268
CHR6	7797462	CHR6:7797462	SSF x Near_LoA	-6,344	0,252	0,267

CHR6	7801065	CHR6:7801065	SSF x Near_LoA	-8,427	-0,044	0,284
CHR6	7813786	CHR6:7813786	SSF x Near_LoA	-8,973	-0,022	0,285
CHR6	7813873	CHR6:7813873	SSF x Near_LoA	-8,713	-0,003	0,288
CHR6	7813874	CHR6:7813874	SSF x Near_LoA	-6,515	0,044	0,295
CHR6	7814033	CHR6:7814033	SSF x Near_LoA	-10,144	0,001	0,288
CHR6	7840497	CHR6:7840497	SSF x Near_LoA	-9,379	0,036	0,296
CHR6	7840553	CHR6:7840553	SSF x Near_LoA	-10,108	0,094	0,258
CHR6	7849777	CHR6:7849777	SSF x Near_LoA	-7,927	0,077	0,279
CHR6	7849837	CHR6:7849837	SSF x Near_LoA	-1,993	0,210	0,287
CHR6	7860691	CHR6:7860691	SSF x Near_LoA	-8,493	0,132	0,279
CHR6	7860757	CHR6:7860757	SSF x Near_LoA	-7,155	0,043	0,292
CHR6	7860808	CHR6:7860808	SSF x Near_LoA	-4,285	0,186	0,288
CHR6	7860816	CHR6:7860816	SSF x Near_LoA	-7,493	0,073	0,288
CHR6	7860843	CHR6:7860843	SSF x Near_LoA	-9,624	-0,031	0,292
CHR6	7870601	CHR6:7870601	SSF x Near_LoA	-8,741	0,040	0,285
CHR6	787171	CHR6:787171	SSF x Near_LoA	-7,772	-0,001	0,294
CHR6	788378	CHR6:788378	SSF x Near_LoA	-8,858	0,006	0,286
CHR6	7884457	CHR6:7884457	SSF x Near_LoA	-9,326	0,078	0,286
CHR6	7887559	CHR6:7887559	SSF x Near_LoA	-11,110	-0,039	0,285
CHR6	7887583	CHR6:7887583	SSF x Near_LoA	0,498	-0,020	0,285
CHR6	7887741	CHR6:7887741	SSF x Near_LoA	-8,274	-0,032	0,289
CHR6	7887907	CHR6:7887907	SSF x Near_LoA	-7,690	-0,013	0,291
CHR6	7894849	CHR6:7894849	SSF x Near_LoA	-9,285	0,027	0,292
CHR6	7894942	CHR6:7894942	SSF x Near_LoA	-3,575	-0,252	0,270
CHR6	7895022	CHR6:7895022	SSF x Near_LoA	-5,028	-0,095	0,282
CHR6	7898851	CHR6:7898851	SSF x Near_LoA	-8,573	-0,013	0,300
CHR6	7898855	CHR6:7898855	SSF x Near_LoA	-7,745	0,037	0,279
CHR6	7898885	CHR6:7898885	SSF x Near_LoA	-8,054	-0,065	0,288
CHR6	7899016	CHR6:7899016	SSF x Near_LoA	-8,249	0,089	0,266
CHR6	7899132	CHR6:7899132	SSF x Near_LoA	-7,210	-0,116	0,276
CHR6	7899144	CHR6:7899144	SSF x Near_LoA	-7,046	-0,088	0,285
CHR6	7925298	CHR6:7925298	SSF x Near_LoA	-7,260	0,131	0,289
CHR6	7930970	CHR6:7930970	SSF x Near_LoA	-9,931	-0,002	0,286
CHR6	7931257	CHR6:7931257	SSF x Near_LoA	-6,023	0,119	0,294
CHR6	7934268	CHR6:7934268	SSF x Near_LoA	-8,115	-0,078	0,274
CHR6	7934315	CHR6:7934315	SSF x Near_LoA	-7,918	0,026	0,286
CHR6	7934337	CHR6:7934337	SSF x Near_LoA	-8,873	-0,004	0,296
CHR6	7948479	CHR6:7948479	SSF x Near_LoA	-3,762	-0,177	0,272
CHR6	7948481	CHR6:7948481	SSF x Near_LoA	-4,285	0,201	0,262
CHR6	7948533	CHR6:7948533	SSF x Near_LoA	-10,086	0,005	0,276
CHR6	7948540	CHR6:7948540	SSF x Near_LoA	-8,927	0,148	0,276
CHR6	7948559	CHR6:7948559	SSF x Near_LoA	-7,120	0,109	0,268
CHR6	7951976	CHR6:7951976	SSF x Near_LoA	-9,132	-0,072	0,303
CHR6	7952048	CHR6:7952048	SSF x Near_LoA	-7,558	-0,177	0,281
CHR6	7957027	CHR6:7957027	SSF x Near_LoA	-8,655	0,090	0,270
CHR6	7957028	CHR6:7957028	SSF x Near_LoA	-5,158	0,052	0,279
CHR6	7957066	CHR6:7957066	SSF x Near_LoA	-7,783	0,049	0,278
CHR6	7957133	CHR6:7957133	SSF x Near_LoA	-8,212	-0,008	0,283
CHR6	7957173	CHR6:7957173	SSF x Near_LoA	-7,394	-0,002	0,293
CHR6	7961096	CHR6:7961096	SSF x Near_LoA	-7,871	-0,035	0,292
CHR6	7961247	CHR6:7961247	SSF x Near_LoA	-6,564	-0,132	0,285
CHR6	7966321	CHR6:7966321	SSF x Near_LoA	-6,903	-0,100	0,285
CHR6	7974911	CHR6:7974911	SSF x Near_LoA	-10,051	-0,076	0,287

CHR6	7974947	CHR6:7974947	SSF x Near_LoA	-9,298	-0,048	0,281
CHR6	7974996	CHR6:7974996	SSF x Near_LoA	-7,409	0,104	0,271
CHR6	7976063	CHR6:7976063	SSF x Near_LoA	-7,657	0,001	0,288
CHR6	7976094	CHR6:7976094	SSF x Near_LoA	-7,352	0,038	0,299
CHR6	7980259	CHR6:7980259	SSF x Near_LoA	-6,314	0,133	0,288
CHR6	7982027	CHR6:7982027	SSF x Near_LoA	-5,416	-0,044	0,303
CHR6	7982057	CHR6:7982057	SSF x Near_LoA	-7,750	-0,034	0,292
CHR6	7982086	CHR6:7982086	SSF x Near_LoA	-7,041	-0,148	0,284
CHR6	7982093	CHR6:7982093	SSF x Near_LoA	-7,507	-0,127	0,292
CHR6	7982100	CHR6:7982100	SSF x Near_LoA	-6,900	-0,090	0,291
CHR6	7982107	CHR6:7982107	SSF x Near_LoA	-6,722	-0,054	0,299
CHR6	7982133	CHR6:7982133	SSF x Near_LoA	-6,585	0,076	0,297
CHR6	7982140	CHR6:7982140	SSF x Near_LoA	-7,427	0,038	0,300
CHR6	7982145	CHR6:7982145	SSF x Near_LoA	-7,649	0,165	0,263
CHR6	7984028	CHR6:7984028	SSF x Near_LoA	-7,706	0,065	0,280
CHR6	7985373	CHR6:7985373	SSF x Near_LoA	-7,551	0,109	0,282
CHR6	7985381	CHR6:7985381	SSF x Near_LoA	-6,112	-0,110	0,285
CHR6	7988794	CHR6:7988794	SSF x Near_LoA	-5,208	-0,090	0,282
CHR6	7988871	CHR6:7988871	SSF x Near_LoA	-5,799	-0,146	0,268
CHR6	7996576	CHR6:7996576	SSF x Near_LoA	-7,812	-0,041	0,290
CHR6	7996720	CHR6:7996720	SSF x Near_LoA	-10,067	-0,065	0,285
CHR6	7996930	CHR6:7996930	SSF x Near_LoA	-7,521	-0,144	0,292
CHR6	8005738	CHR6:8005738	SSF x Near_LoA	-7,260	-0,033	0,299
CHR6	8005814	CHR6:8005814	SSF x Near_LoA	-9,068	-0,033	0,290
CHR6	8005989	CHR6:8005989	SSF x Near_LoA	-8,065	0,033	0,281
CHR6	8005994	CHR6:8005994	SSF x Near_LoA	-7,312	0,050	0,304
CHR6	8018838	CHR6:8018838	SSF x Near_LoA	-8,392	0,140	0,271
CHR6	8018928	CHR6:8018928	SSF x Near_LoA	-7,300	0,096	0,273
CHR6	8018949	CHR6:8018949	SSF x Near_LoA	-7,379	0,019	0,287
CHR6	8019098	CHR6:8019098	SSF x Near_LoA	-8,196	0,039	0,287
CHR6	8033383	CHR6:8033383	SSF x Near_LoA	-9,233	0,017	0,293
CHR6	8033387	CHR6:8033387	SSF x Near_LoA	-8,860	0,013	0,282
CHR6	8033404	CHR6:8033404	SSF x Near_LoA	-8,852	0,060	0,288
CHR6	8067662	CHR6:8067662	SSF x Near_LoA	-5,796	-0,127	0,277
CHR6	8079548	CHR6:8079548	SSF x Near_LoA	3,185	0,070	0,289
CHR6	8079559	CHR6:8079559	SSF x Near_LoA	-2,706	-0,247	0,265
CHR6	8079574	CHR6:8079574	SSF x Near_LoA	-6,733	0,106	0,275
CHR6	8080806	CHR6:8080806	SSF x Near_LoA	-5,291	0,090	0,281
CHR6	8082214	CHR6:8082214	SSF x Near_LoA	-5,217	-0,150	0,291
CHR6	8082228	CHR6:8082228	SSF x Near_LoA	-8,002	0,096	0,275
CHR6	8082229	CHR6:8082229	SSF x Near_LoA	-4,041	0,056	0,289
CHR6	8082269	CHR6:8082269	SSF x Near_LoA	-9,144	0,033	0,282
CHR6	8082284	CHR6:8082284	SSF x Near_LoA	-8,918	0,009	0,282
CHR6	8094848	CHR6:8094848	SSF x Near_LoA	-8,849	-0,053	0,275
CHR6	8096734	CHR6:8096734	SSF x Near_LoA	-6,916	-0,143	0,276
CHR6	8096785	CHR6:8096785	SSF x Near_LoA	-8,712	-0,129	0,284
CHR6	8096789	CHR6:8096789	SSF x Near_LoA	-8,609	-0,106	0,285
CHR6	8096803	CHR6:8096803	SSF x Near_LoA	1,688	-0,139	0,291
CHR6	8096893	CHR6:8096893	SSF x Near_LoA	-8,898	-0,065	0,281
CHR6	810839	CHR6:810839	SSF x Near_LoA	-7,971	-0,186	0,279
CHR6	810968	CHR6:810968	SSF x Near_LoA	-5,491	-0,126	0,289
CHR6	810975	CHR6:810975	SSF x Near_LoA	-3,262	-0,167	0,272
CHR6	810998	CHR6:810998	SSF x Near_LoA	9,555	-0,163	0,269

CHR6	8110415	CHR6:8110415	SSF x Near_LoA	-7,028	-0,057	0,282
CHR6	811101	CHR6:811101	SSF x Near_LoA	-4,214	0,226	0,275
CHR6	811124	CHR6:811124	SSF x Near_LoA	-6,685	-0,141	0,271
CHR6	811130	CHR6:811130	SSF x Near_LoA	-7,207	-0,106	0,293
CHR6	811133	CHR6:811133	SSF x Near_LoA	-8,940	0,039	0,298
CHR6	811134	CHR6:811134	SSF x Near_LoA	-6,599	-0,175	0,284
CHR6	8132929	CHR6:8132929	SSF x Near_LoA	-7,258	-0,150	0,290
CHR6	8132987	CHR6:8132987	SSF x Near_LoA	-5,925	0,206	0,278
CHR6	813688	CHR6:813688	SSF x Near_LoA	-9,174	-0,093	0,290
CHR6	8137257	CHR6:8137257	SSF x Near_LoA	-6,816	0,135	0,274
CHR6	8137345	CHR6:8137345	SSF x Near_LoA	-9,837	-0,039	0,285
CHR6	813745	CHR6:813745	SSF x Near_LoA	3,306	-0,144	0,271
CHR6	813760	CHR6:813760	SSF x Near_LoA	-10,924	0,047	0,265
CHR6	8143639	CHR6:8143639	SSF x Near_LoA	-8,922	0,079	0,286
CHR6	8143728	CHR6:8143728	SSF x Near_LoA	-9,614	0,067	0,287
CHR6	8143804	CHR6:8143804	SSF x Near_LoA	-7,778	0,131	0,280
CHR6	8150611	CHR6:8150611	SSF x Near_LoA	-6,850	0,049	0,289
CHR6	8150616	CHR6:8150616	SSF x Near_LoA	-8,248	0,017	0,280
CHR6	8159859	CHR6:8159859	SSF x Near_LoA	-10,440	-0,069	0,294
CHR6	8164586	CHR6:8164586	SSF x Near_LoA	-5,143	-0,033	0,283
CHR6	8164601	CHR6:8164601	SSF x Near_LoA	-7,213	0,220	0,285
CHR6	8164776	CHR6:8164776	SSF x Near_LoA	-7,395	0,088	0,288
CHR6	8168769	CHR6:8168769	SSF x Near_LoA	-11,454	0,022	0,284
CHR6	8168771	CHR6:8168771	SSF x Near_LoA	-7,100	-0,073	0,289
CHR6	8168772	CHR6:8168772	SSF x Near_LoA	-9,797	-0,052	0,289
CHR6	8168773	CHR6:8168773	SSF x Near_LoA	-8,486	-0,043	0,296
CHR6	8168775	CHR6:8168775	SSF x Near_LoA	-4,425	-0,060	0,294
CHR6	8168932	CHR6:8168932	SSF x Near_LoA	-6,528	-0,032	0,298
CHR6	8183547	CHR6:8183547	SSF x Near_LoA	-4,531	0,104	0,293
CHR6	8183752	CHR6:8183752	SSF x Near_LoA	-8,347	-0,040	0,293
CHR6	8183775	CHR6:8183775	SSF x Near_LoA	-8,361	-0,054	0,290
CHR6	8233984	CHR6:8233984	SSF x Near_LoA	-5,363	-0,205	0,289
CHR6	8234029	CHR6:8234029	SSF x Near_LoA	-7,490	-0,196	0,275
CHR6	823736	CHR6:823736	SSF x Near_LoA	-6,625	-0,137	0,278
CHR6	823811	CHR6:823811	SSF x Near_LoA	-9,489	0,007	0,293
CHR6	823902	CHR6:823902	SSF x Near_LoA	-6,010	-0,193	0,290
CHR6	8244134	CHR6:8244134	SSF x Near_LoA	-7,649	-0,011	0,302
CHR6	8252057	CHR6:8252057	SSF x Near_LoA	-4,146	0,267	0,256
CHR6	8252186	CHR6:8252186	SSF x Near_LoA	-2,711	-0,073	0,283
CHR6	8253554	CHR6:8253554	SSF x Near_LoA	-7,757	-0,036	0,296
CHR6	8262249	CHR6:8262249	SSF x Near_LoA	-6,761	-0,101	0,283
CHR6	8262302	CHR6:8262302	SSF x Near_LoA	-4,856	-0,017	0,282
CHR6	8263742	CHR6:8263742	SSF x Near_LoA	-9,160	0,015	0,292
CHR6	8263745	CHR6:8263745	SSF x Near_LoA	2,523	-0,234	0,269
CHR6	8264026	CHR6:8264026	SSF x Near_LoA	-8,899	0,106	0,293
CHR6	8271269	CHR6:8271269	SSF x Near_LoA	-7,225	-0,205	0,268
CHR6	8271415	CHR6:8271415	SSF x Near_LoA	-10,442	0,041	0,283
CHR6	8271466	CHR6:8271466	SSF x Near_LoA	-9,362	0,052	0,276
CHR6	8294709	CHR6:8294709	SSF x Near_LoA	-4,904	0,051	0,305
CHR6	8310489	CHR6:8310489	SSF x Near_LoA	-7,111	0,025	0,302
CHR6	8313303	CHR6:8313303	SSF x Near_LoA	-8,784	0,046	0,281
CHR6	8313358	CHR6:8313358	SSF x Near_LoA	-6,266	0,046	0,308
CHR6	8313411	CHR6:8313411	SSF x Near_LoA	-8,472	0,078	0,282

CHR6	8316858	CHR6:8316858	SSF x Near_LoA	-11,219	0,017	0,278
CHR6	8322267	CHR6:8322267	SSF x Near_LoA	-7,834	0,052	0,272
CHR6	8331436	CHR6:8331436	SSF x Near_LoA	-10,140	0,016	0,298
CHR6	8332633	CHR6:8332633	SSF x Near_LoA	-8,099	0,128	0,281
CHR6	8344886	CHR6:8344886	SSF x Near_LoA	-5,870	-0,005	0,289
CHR6	8344887	CHR6:8344887	SSF x Near_LoA	-4,202	0,212	0,280
CHR6	8345102	CHR6:8345102	SSF x Near_LoA	-10,579	-0,025	0,291
CHR6	842992	CHR6:842992	SSF x Near_LoA	-8,792	-0,082	0,294
CHR6	8439780	CHR6:8439780	SSF x Near_LoA	-10,545	0,087	0,264
CHR6	8451020	CHR6:8451020	SSF x Near_LoA	-7,651	-0,168	0,270
CHR6	8452167	CHR6:8452167	SSF x Near_LoA	-9,540	-0,039	0,275
CHR6	8538561	CHR6:8538561	SSF x Near_LoA	-8,185	0,059	0,286
CHR6	8538720	CHR6:8538720	SSF x Near_LoA	-8,966	-0,103	0,292
CHR6	8539886	CHR6:8539886	SSF x Near_LoA	-4,682	0,079	0,305
CHR6	8540144	CHR6:8540144	SSF x Near_LoA	-8,541	0,066	0,289
CHR6	8540156	CHR6:8540156	SSF x Near_LoA	-2,789	0,183	0,264
CHR6	8547753	CHR6:8547753	SSF x Near_LoA	-7,382	0,047	0,274
CHR6	8547772	CHR6:8547772	SSF x Near_LoA	-8,090	-0,061	0,297
CHR6	8547773	CHR6:8547773	SSF x Near_LoA	-7,941	0,038	0,287
CHR6	8547774	CHR6:8547774	SSF x Near_LoA	-9,134	-0,128	0,283
CHR6	8547823	CHR6:8547823	SSF x Near_LoA	-10,094	-0,043	0,288
CHR6	8547824	CHR6:8547824	SSF x Near_LoA	-8,160	-0,128	0,290
CHR6	8547834	CHR6:8547834	SSF x Near_LoA	-6,162	0,110	0,279
CHR6	8547837	CHR6:8547837	SSF x Near_LoA	-8,563	-0,043	0,289
CHR6	8560553	CHR6:8560553	SSF x Near_LoA	-7,177	0,169	0,268
CHR6	8560595	CHR6:8560595	SSF x Near_LoA	-7,974	0,019	0,297
CHR6	8560649	CHR6:8560649	SSF x Near_LoA	-9,400	-0,012	0,286
CHR6	8587037	CHR6:8587037	SSF x Near_LoA	-10,282	-0,040	0,297
CHR6	8587194	CHR6:8587194	SSF x Near_LoA	-10,400	-0,068	0,276
CHR6	8587218	CHR6:8587218	SSF x Near_LoA	-6,967	0,121	0,288
CHR6	8588360	CHR6:8588360	SSF x Near_LoA	-0,401	0,272	0,256
CHR6	8588383	CHR6:8588383	SSF x Near_LoA	-6,051	0,239	0,274
CHR6	8588443	CHR6:8588443	SSF x Near_LoA	-7,701	0,163	0,285
CHR6	8588452	CHR6:8588452	SSF x Near_LoA	-5,110	0,258	0,278
CHR6	8594942	CHR6:8594942	SSF x Near_LoA	-10,296	-0,012	0,297
CHR6	8600693	CHR6:8600693	SSF x Near_LoA	-5,499	-0,143	0,294
CHR6	8600797	CHR6:8600797	SSF x Near_LoA	-5,330	-0,078	0,280
CHR6	8619286	CHR6:8619286	SSF x Near_LoA	-10,853	-0,010	0,281
CHR6	8619404	CHR6:8619404	SSF x Near_LoA	-7,712	-0,055	0,295
CHR6	8621961	CHR6:8621961	SSF x Near_LoA	-7,628	0,039	0,275
CHR6	8621969	CHR6:8621969	SSF x Near_LoA	-7,995	0,104	0,279
CHR6	8622024	CHR6:8622024	SSF x Near_LoA	-7,796	0,047	0,288
CHR6	8622300	CHR6:8622300	SSF x Near_LoA	-4,793	-0,155	0,281
CHR6	8656836	CHR6:8656836	SSF x Near_LoA	-11,016	-0,008	0,280
CHR6	8656851	CHR6:8656851	SSF x Near_LoA	-1,798	0,086	0,301
CHR6	8656868	CHR6:8656868	SSF x Near_LoA	-5,678	-0,204	0,278
CHR6	8657727	CHR6:8657727	SSF x Near_LoA	0,197	-0,087	0,297
CHR6	8657824	CHR6:8657824	SSF x Near_LoA	-8,874	-0,046	0,288
CHR6	8670275	CHR6:8670275	SSF x Near_LoA	-9,837	-0,002	0,279
CHR6	8670449	CHR6:8670449	SSF x Near_LoA	-4,057	-0,176	0,267
CHR6	8670574	CHR6:8670574	SSF x Near_LoA	-9,784	0,061	0,289
CHR6	8677280	CHR6:8677280	SSF x Near_LoA	-7,118	-0,038	0,287
CHR6	8697264	CHR6:8697264	SSF x Near_LoA	-6,697	0,086	0,284

CHR6	8702265	CHR6:8702265	SSF x Near_LoA	-9,028	-0,025	0,282
CHR6	8704064	CHR6:8704064	SSF x Near_LoA	-6,484	0,039	0,294
CHR6	8704248	CHR6:8704248	SSF x Near_LoA	-9,475	-0,034	0,290
CHR6	8704307	CHR6:8704307	SSF x Near_LoA	-10,939	-0,040	0,292
CHR6	8704380	CHR6:8704380	SSF x Near_LoA	-7,841	-0,151	0,287
CHR6	871550	CHR6:871550	SSF x Near_LoA	-9,764	0,016	0,288
CHR6	871658	CHR6:871658	SSF x Near_LoA	-8,365	0,073	0,289
CHR6	8733992	CHR6:8733992	SSF x Near_LoA	-7,497	0,083	0,265
CHR6	8734123	CHR6:8734123	SSF x Near_LoA	-9,583	-0,043	0,274
CHR6	8734293	CHR6:8734293	SSF x Near_LoA	-7,859	-0,008	0,270
CHR6	8737303	CHR6:8737303	SSF x Near_LoA	-6,981	-0,078	0,288
CHR6	8737358	CHR6:8737358	SSF x Near_LoA	-7,323	-0,073	0,298
CHR6	8749802	CHR6:8749802	SSF x Near_LoA	-6,032	0,081	0,275
CHR6	8749805	CHR6:8749805	SSF x Near_LoA	-7,407	0,068	0,283
CHR6	8757275	CHR6:8757275	SSF x Near_LoA	-1,979	0,113	0,277
CHR6	8771885	CHR6:8771885	SSF x Near_LoA	-7,823	-0,001	0,272
CHR6	8781802	CHR6:8781802	SSF x Near_LoA	-8,327	0,124	0,290
CHR6	8781916	CHR6:8781916	SSF x Near_LoA	-8,127	0,013	0,277
CHR6	8781977	CHR6:8781977	SSF x Near_LoA	-9,886	-0,061	0,278
CHR6	8785737	CHR6:8785737	SSF x Near_LoA	-9,965	-0,067	0,293
CHR6	8786052	CHR6:8786052	SSF x Near_LoA	-7,500	0,045	0,294
CHR6	8794628	CHR6:8794628	SSF x Near_LoA	-9,897	0,026	0,276
CHR6	8794687	CHR6:8794687	SSF x Near_LoA	-7,513	0,033	0,285
CHR6	8794713	CHR6:8794713	SSF x Near_LoA	-8,919	-0,091	0,284
CHR6	8796076	CHR6:8796076	SSF x Near_LoA	-5,776	-0,189	0,281
CHR6	8799738	CHR6:8799738	SSF x Near_LoA	-6,972	-0,094	0,280
CHR6	8799739	CHR6:8799739	SSF x Near_LoA	-6,251	-0,122	0,281
CHR6	8799780	CHR6:8799780	SSF x Near_LoA	-6,201	-0,035	0,291
CHR6	8799819	CHR6:8799819	SSF x Near_LoA	-7,113	-0,044	0,285
CHR6	8799820	CHR6:8799820	SSF x Near_LoA	-7,256	-0,027	0,286
CHR6	8802304	CHR6:8802304	SSF x Near_LoA	-8,859	0,017	0,285
CHR6	8802314	CHR6:8802314	SSF x Near_LoA	-6,761	0,052	0,275
CHR6	8802416	CHR6:8802416	SSF x Near_LoA	-9,046	0,037	0,289
CHR6	8802464	CHR6:8802464	SSF x Near_LoA	0,124	-0,281	0,272
CHR6	8803263	CHR6:8803263	SSF x Near_LoA	-6,583	0,086	0,276
CHR6	8803307	CHR6:8803307	SSF x Near_LoA	-10,520	-0,023	0,282
CHR6	8803333	CHR6:8803333	SSF x Near_LoA	-10,039	-0,029	0,282
CHR6	8803341	CHR6:8803341	SSF x Near_LoA	-7,335	0,017	0,289
CHR6	8811088	CHR6:8811088	SSF x Near_LoA	-6,515	-0,019	0,295
CHR6	8815477	CHR6:8815477	SSF x Near_LoA	-9,279	-0,055	0,278
CHR6	8815649	CHR6:8815649	SSF x Near_LoA	-10,319	0,054	0,282
CHR6	8815680	CHR6:8815680	SSF x Near_LoA	-9,189	-0,060	0,283
CHR6	8815710	CHR6:8815710	SSF x Near_LoA	-8,223	0,045	0,287
CHR6	8817665	CHR6:8817665	SSF x Near_LoA	-7,239	-0,095	0,292
CHR6	8834274	CHR6:8834274	SSF x Near_LoA	-5,864	0,133	0,292
CHR6	8834333	CHR6:8834333	SSF x Near_LoA	-6,455	-0,104	0,281
CHR6	8834367	CHR6:8834367	SSF x Near_LoA	-4,619	-0,132	0,283
CHR6	8834575	CHR6:8834575	SSF x Near_LoA	-7,259	0,121	0,292
CHR6	8834581	CHR6:8834581	SSF x Near_LoA	-9,351	-0,065	0,291
CHR6	8839247	CHR6:8839247	SSF x Near_LoA	-7,395	0,091	0,287
CHR6	8848562	CHR6:8848562	SSF x Near_LoA	-8,873	0,056	0,273
CHR6	884985	CHR6:884985	SSF x Near_LoA	-8,797	0,026	0,282
CHR6	8850986	CHR6:8850986	SSF x Near_LoA	-4,464	-0,145	0,281

CHR6	885157	CHR6:885157	SSF x Near_LoA	-9,478	0,074	0,286
CHR6	885180	CHR6:885180	SSF x Near_LoA	-9,247	-0,070	0,273
CHR6	885198	CHR6:885198	SSF x Near_LoA	-9,203	-0,069	0,300
CHR6	885208	CHR6:885208	SSF x Near_LoA	-8,796	-0,021	0,293
CHR6	885343	CHR6:885343	SSF x Near_LoA	-7,229	-0,091	0,288
CHR6	8865546	CHR6:8865546	SSF x Near_LoA	-6,972	0,092	0,278
CHR6	8866242	CHR6:8866242	SSF x Near_LoA	-9,287	0,027	0,287
CHR6	8870431	CHR6:8870431	SSF x Near_LoA	-5,387	0,046	0,293
CHR6	8870433	CHR6:8870433	SSF x Near_LoA	-5,451	-0,007	0,299
CHR6	8870462	CHR6:8870462	SSF x Near_LoA	-8,002	-0,010	0,297
CHR6	8870492	CHR6:8870492	SSF x Near_LoA	-7,801	0,015	0,292
CHR6	8872630	CHR6:8872630	SSF x Near_LoA	-8,757	-0,046	0,292
CHR6	8872669	CHR6:8872669	SSF x Near_LoA	-6,925	-0,113	0,284
CHR6	8872863	CHR6:8872863	SSF x Near_LoA	-6,232	0,009	0,302
CHR6	8887765	CHR6:8887765	SSF x Near_LoA	-3,535	-0,006	0,283
CHR6	8891523	CHR6:8891523	SSF x Near_LoA	-6,826	0,172	0,264
CHR6	8891556	CHR6:8891556	SSF x Near_LoA	-10,157	0,050	0,273
CHR6	8891714	CHR6:8891714	SSF x Near_LoA	-8,394	0,030	0,271
CHR6	8891716	CHR6:8891716	SSF x Near_LoA	-6,216	-0,157	0,273
CHR6	8891756	CHR6:8891756	SSF x Near_LoA	-6,601	-0,076	0,273
CHR6	8891757	CHR6:8891757	SSF x Near_LoA	-9,567	0,086	0,279
CHR6	8896025	CHR6:8896025	SSF x Near_LoA	-7,843	0,023	0,282
CHR6	8896031	CHR6:8896031	SSF x Near_LoA	-7,858	0,031	0,273
CHR6	8896179	CHR6:8896179	SSF x Near_LoA	-6,947	-0,026	0,294
CHR6	8904929	CHR6:8904929	SSF x Near_LoA	-9,088	-0,036	0,299
CHR6	8905119	CHR6:8905119	SSF x Near_LoA	-6,898	-0,091	0,283
CHR6	8939856	CHR6:8939856	SSF x Near_LoA	-6,625	-0,080	0,285
CHR6	8939870	CHR6:8939870	SSF x Near_LoA	-9,963	0,041	0,285
CHR6	8939872	CHR6:8939872	SSF x Near_LoA	-7,775	-0,009	0,268
CHR6	8939906	CHR6:8939906	SSF x Near_LoA	-7,209	0,065	0,281
CHR6	8939920	CHR6:8939920	SSF x Near_LoA	-6,218	0,051	0,288
CHR6	8939957	CHR6:8939957	SSF x Near_LoA	-8,767	-0,200	0,271
CHR6	8940081	CHR6:8940081	SSF x Near_LoA	-8,287	0,072	0,288
CHR6	8943901	CHR6:8943901	SSF x Near_LoA	-7,449	0,059	0,282
CHR6	8943959	CHR6:8943959	SSF x Near_LoA	-3,880	0,222	0,265
CHR6	8943991	CHR6:8943991	SSF x Near_LoA	-4,013	-0,137	0,284
CHR6	8944012	CHR6:8944012	SSF x Near_LoA	-2,811	0,218	0,282
CHR6	8944041	CHR6:8944041	SSF x Near_LoA	-4,972	0,138	0,291
CHR6	8946685	CHR6:8946685	SSF x Near_LoA	-9,334	-0,082	0,292
CHR6	8946770	CHR6:8946770	SSF x Near_LoA	-8,843	-0,078	0,278
CHR6	8946780	CHR6:8946780	SSF x Near_LoA	-5,068	0,181	0,300
CHR6	8946784	CHR6:8946784	SSF x Near_LoA	-7,840	-0,032	0,293
CHR6	8946796	CHR6:8946796	SSF x Near_LoA	-9,049	-0,046	0,275
CHR6	8946861	CHR6:8946861	SSF x Near_LoA	-5,262	-0,099	0,295
CHR6	8946884	CHR6:8946884	SSF x Near_LoA	-7,682	-0,040	0,301
CHR6	8961762	CHR6:8961762	SSF x Near_LoA	-3,187	-0,071	0,288
CHR6	8961862	CHR6:8961862	SSF x Near_LoA	-6,381	-0,029	0,299
CHR6	8962875	CHR6:8962875	SSF x Near_LoA	-6,272	-0,100	0,299
CHR6	897649	CHR6:897649	SSF x Near_LoA	-6,321	0,058	0,298
CHR6	897689	CHR6:897689	SSF x Near_LoA	-8,057	0,035	0,287
CHR6	9002347	CHR6:9002347	SSF x Near_LoA	-11,026	0,034	0,277
CHR6	9002449	CHR6:9002449	SSF x Near_LoA	-7,747	0,031	0,291
CHR6	9002588	CHR6:9002588	SSF x Near_LoA	-10,546	0,005	0,289

CHR6	9006584	CHR6:9006584	SSF x Near_LoA	-7,420	0,094	0,287
CHR6	9006786	CHR6:9006786	SSF x Near_LoA	-8,852	0,070	0,283
CHR6	9015010	CHR6:9015010	SSF x Near_LoA	-8,948	0,031	0,294
CHR6	902673	CHR6:902673	SSF x Near_LoA	-8,286	-0,108	0,282
CHR6	902734	CHR6:902734	SSF x Near_LoA	-8,454	0,007	0,280
CHR6	902820	CHR6:902820	SSF x Near_LoA	-6,813	-0,189	0,283
CHR6	902827	CHR6:902827	SSF x Near_LoA	-8,725	-0,001	0,287
CHR6	902907	CHR6:902907	SSF x Near_LoA	-10,297	-0,083	0,276
CHR6	903109	CHR6:903109	SSF x Near_LoA	-7,237	0,141	0,295
CHR6	9032204	CHR6:9032204	SSF x Near_LoA	-9,320	-0,077	0,284
CHR6	9043969	CHR6:9043969	SSF x Near_LoA	-10,185	-0,014	0,296
CHR6	9044047	CHR6:9044047	SSF x Near_LoA	-10,083	0,062	0,290
CHR6	9044152	CHR6:9044152	SSF x Near_LoA	-5,767	-0,062	0,281
CHR6	9049483	CHR6:9049483	SSF x Near_LoA	-7,986	-0,042	0,296
CHR6	9049524	CHR6:9049524	SSF x Near_LoA	-6,552	-0,013	0,302
CHR6	9049552	CHR6:9049552	SSF x Near_LoA	-7,815	-0,017	0,300
CHR6	9049578	CHR6:9049578	SSF x Near_LoA	-9,014	0,071	0,294
CHR6	9061268	CHR6:9061268	SSF x Near_LoA	-8,006	-0,138	0,282
CHR6	9062967	CHR6:9062967	SSF x Near_LoA	-7,472	-0,140	0,294
CHR6	9062991	CHR6:9062991	SSF x Near_LoA	-7,937	0,121	0,294
CHR6	9062992	CHR6:9062992	SSF x Near_LoA	-9,098	0,018	0,289
CHR6	9068178	CHR6:9068178	SSF x Near_LoA	-6,859	0,062	0,305
CHR6	907350	CHR6:907350	SSF x Near_LoA	-9,601	0,114	0,281
CHR6	907375	CHR6:907375	SSF x Near_LoA	-5,243	0,254	0,279
CHR6	907385	CHR6:907385	SSF x Near_LoA	-7,500	0,144	0,279
CHR6	907388	CHR6:907388	SSF x Near_LoA	-7,058	0,120	0,277
CHR6	907389	CHR6:907389	SSF x Near_LoA	-7,779	0,109	0,283
CHR6	9085292	CHR6:9085292	SSF x Near_LoA	-8,511	0,020	0,289
CHR6	9098799	CHR6:9098799	SSF x Near_LoA	-8,004	-0,139	0,289
CHR6	9107171	CHR6:9107171	SSF x Near_LoA	-9,096	0,036	0,298
CHR6	9107173	CHR6:9107173	SSF x Near_LoA	-10,030	-0,040	0,293
CHR6	9107180	CHR6:9107180	SSF x Near_LoA	-8,642	0,099	0,266
CHR6	9107223	CHR6:9107223	SSF x Near_LoA	-7,987	-0,055	0,287
CHR6	9107252	CHR6:9107252	SSF x Near_LoA	-5,787	-0,011	0,295
CHR6	9114508	CHR6:9114508	SSF x Near_LoA	-10,010	-0,076	0,288
CHR6	9114569	CHR6:9114569	SSF x Near_LoA	-10,239	0,034	0,278
CHR6	9114571	CHR6:9114571	SSF x Near_LoA	-9,712	0,067	0,268
CHR6	9114671	CHR6:9114671	SSF x Near_LoA	-5,848	-0,067	0,301
CHR6	9133951	CHR6:9133951	SSF x Near_LoA	-7,031	-0,213	0,286
CHR6	9134090	CHR6:9134090	SSF x Near_LoA	-6,279	-0,190	0,275
CHR6	9134104	CHR6:9134104	SSF x Near_LoA	-7,988	0,096	0,282
CHR6	9134149	CHR6:9134149	SSF x Near_LoA	-4,506	0,130	0,296
CHR6	9148966	CHR6:9148966	SSF x Near_LoA	-10,297	-0,001	0,288
CHR6	9149027	CHR6:9149027	SSF x Near_LoA	-3,142	0,222	0,256
CHR6	9149049	CHR6:9149049	SSF x Near_LoA	-7,213	-0,048	0,291
CHR6	9149175	CHR6:9149175	SSF x Near_LoA	-7,832	-0,105	0,283
CHR6	9158873	CHR6:9158873	SSF x Near_LoA	-7,892	0,014	0,300
CHR6	9158999	CHR6:9158999	SSF x Near_LoA	-9,516	-0,018	0,277
CHR6	9162882	CHR6:9162882	SSF x Near_LoA	-9,778	0,101	0,275
CHR6	9162975	CHR6:9162975	SSF x Near_LoA	-9,920	-0,070	0,283
CHR6	9198605	CHR6:9198605	SSF x Near_LoA	-8,307	0,018	0,287
CHR6	9198631	CHR6:9198631	SSF x Near_LoA	-8,869	0,077	0,283
CHR6	9198639	CHR6:9198639	SSF x Near_LoA	-10,487	0,050	0,297

CHR6	9198649	CHR6:9198649	SSF x Near_LoA	-10,049	0,032	0,291
CHR6	9198732	CHR6:9198732	SSF x Near_LoA	-8,711	0,117	0,285
CHR6	9205673	CHR6:9205673	SSF x Near_LoA	-9,319	-0,060	0,297
CHR6	9220554	CHR6:9220554	SSF x Near_LoA	-0,657	-0,069	0,294
CHR6	9228488	CHR6:9228488	SSF x Near_LoA	-10,300	-0,057	0,293
CHR6	9237717	CHR6:9237717	SSF x Near_LoA	-9,017	-0,079	0,275
CHR6	9237898	CHR6:9237898	SSF x Near_LoA	-8,262	0,004	0,284
CHR6	9237912	CHR6:9237912	SSF x Near_LoA	-7,397	0,026	0,287
CHR6	9237978	CHR6:9237978	SSF x Near_LoA	-4,169	-0,161	0,268
CHR6	9238039	CHR6:9238039	SSF x Near_LoA	-5,229	-0,211	0,279
CHR6	9238147	CHR6:9238147	SSF x Near_LoA	-9,408	-0,005	0,295
CHR6	9243911	CHR6:9243911	SSF x Near_LoA	-6,574	-0,131	0,278
CHR6	9243913	CHR6:9243913	SSF x Near_LoA	-4,304	-0,117	0,293
CHR6	9244052	CHR6:9244052	SSF x Near_LoA	0,608	-0,234	0,271
CHR6	9244078	CHR6:9244078	SSF x Near_LoA	-4,102	0,195	0,272
CHR6	9244146	CHR6:9244146	SSF x Near_LoA	-7,711	0,038	0,293
CHR6	9244152	CHR6:9244152	SSF x Near_LoA	-10,457	-0,029	0,287
CHR6	9244200	CHR6:9244200	SSF x Near_LoA	-8,931	0,008	0,282
CHR6	9249853	CHR6:9249853	SSF x Near_LoA	-8,459	0,036	0,294
CHR6	9249929	CHR6:9249929	SSF x Near_LoA	-8,084	-0,082	0,277
CHR6	9249967	CHR6:9249967	SSF x Near_LoA	-7,835	0,096	0,265
CHR6	9250062	CHR6:9250062	SSF x Near_LoA	-7,574	0,020	0,303
CHR6	9274930	CHR6:9274930	SSF x Near_LoA	-7,533	0,110	0,290
CHR6	9274960	CHR6:9274960	SSF x Near_LoA	-9,106	0,067	0,293
CHR6	9274978	CHR6:9274978	SSF x Near_LoA	-9,228	0,028	0,278
CHR6	9287937	CHR6:9287937	SSF x Near_LoA	-9,841	0,053	0,296
CHR6	9287987	CHR6:9287987	SSF x Near_LoA	-6,670	0,107	0,278
CHR6	9288020	CHR6:9288020	SSF x Near_LoA	2,784	0,141	0,288
CHR6	9288038	CHR6:9288038	SSF x Near_LoA	-7,309	0,101	0,292
CHR6	9292304	CHR6:9292304	SSF x Near_LoA	-9,722	-0,078	0,287
CHR6	9293568	CHR6:9293568	SSF x Near_LoA	-9,407	-0,026	0,290
CHR6	9293598	CHR6:9293598	SSF x Near_LoA	-7,936	-0,025	0,289
CHR6	933888	CHR6:933888	SSF x Near_LoA	-8,860	-0,068	0,283
CHR6	9341131	CHR6:9341131	SSF x Near_LoA	-5,254	0,146	0,269
CHR6	9341153	CHR6:9341153	SSF x Near_LoA	-7,861	0,050	0,284
CHR6	9341164	CHR6:9341164	SSF x Near_LoA	-11,200	-0,001	0,276
CHR6	9341252	CHR6:9341252	SSF x Near_LoA	-7,407	-0,122	0,292
CHR6	9348455	CHR6:9348455	SSF x Near_LoA	-7,436	0,047	0,290
CHR6	9348788	CHR6:9348788	SSF x Near_LoA	-6,757	-0,191	0,280
CHR6	9356724	CHR6:9356724	SSF x Near_LoA	1,591	-0,083	0,288
CHR6	9357009	CHR6:9357009	SSF x Near_LoA	7,290	0,281	0,274
CHR6	9357041	CHR6:9357041	SSF x Near_LoA	-7,605	-0,057	0,288
CHR6	9394133	CHR6:9394133	SSF x Near_LoA	-10,048	0,101	0,283
CHR6	9394140	CHR6:9394140	SSF x Near_LoA	-10,235	0,007	0,299
CHR6	9395829	CHR6:9395829	SSF x Near_LoA	-8,718	-0,058	0,279
CHR6	9396050	CHR6:9396050	SSF x Near_LoA	-11,235	0,060	0,279
CHR6	9399897	CHR6:9399897	SSF x Near_LoA	-9,476	-0,019	0,301
CHR6	9403881	CHR6:9403881	SSF x Near_LoA	-9,917	-0,095	0,284
CHR6	9403968	CHR6:9403968	SSF x Near_LoA	-6,456	0,117	0,283
CHR6	942058	CHR6:942058	SSF x Near_LoA	-6,769	-0,104	0,293
CHR6	942305	CHR6:942305	SSF x Near_LoA	-10,640	-0,057	0,288
CHR6	942397	CHR6:942397	SSF x Near_LoA	-8,147	-0,021	0,285
CHR6	9431558	CHR6:9431558	SSF x Near_LoA	-6,236	-0,130	0,285

CHR6	9431898	CHR6:9431898	SSF x Near_LoA	-9,324	0,072	0,296
CHR6	9456742	CHR6:9456742	SSF x Near_LoA	-7,486	0,044	0,287
CHR6	9456780	CHR6:9456780	SSF x Near_LoA	-6,847	0,037	0,294
CHR6	9456785	CHR6:9456785	SSF x Near_LoA	-7,498	0,059	0,298
CHR6	9456818	CHR6:9456818	SSF x Near_LoA	-7,603	-0,034	0,293
CHR6	9456834	CHR6:9456834	SSF x Near_LoA	-6,775	0,065	0,290
CHR6	9486181	CHR6:9486181	SSF x Near_LoA	-10,270	0,067	0,271
CHR6	9486344	CHR6:9486344	SSF x Near_LoA	-9,506	-0,009	0,286
CHR6	9489709	CHR6:9489709	SSF x Near_LoA	-9,516	0,111	0,284
CHR6	9496251	CHR6:9496251	SSF x Near_LoA	-6,471	-0,096	0,293
CHR6	9496323	CHR6:9496323	SSF x Near_LoA	-3,769	-0,092	0,302
CHR6	9496337	CHR6:9496337	SSF x Near_LoA	-8,603	0,082	0,291
CHR6	950290	CHR6:950290	SSF x Near_LoA	-10,216	-0,053	0,282
CHR6	950405	CHR6:950405	SSF x Near_LoA	-7,841	0,137	0,286
CHR6	9514723	CHR6:9514723	SSF x Near_LoA	-8,113	-0,052	0,287
CHR6	9514725	CHR6:9514725	SSF x Near_LoA	-7,862	-0,072	0,295
CHR6	9514754	CHR6:9514754	SSF x Near_LoA	-8,288	-0,069	0,288
CHR6	9514776	CHR6:9514776	SSF x Near_LoA	-8,712	0,027	0,296
CHR6	9514780	CHR6:9514780	SSF x Near_LoA	-7,419	-0,063	0,289
CHR6	9514799	CHR6:9514799	SSF x Near_LoA	-7,097	0,066	0,280
CHR6	9514836	CHR6:9514836	SSF x Near_LoA	-6,961	0,175	0,266
CHR6	9515116	CHR6:9515116	SSF x Near_LoA	-8,838	0,003	0,291
CHR6	9515160	CHR6:9515160	SSF x Near_LoA	-8,522	-0,008	0,293
CHR6	9523731	CHR6:9523731	SSF x Near_LoA	-2,753	0,210	0,264
CHR6	9536039	CHR6:9536039	SSF x Near_LoA	-7,011	-0,114	0,273
CHR6	9536044	CHR6:9536044	SSF x Near_LoA	-5,329	-0,092	0,278
CHR6	9551432	CHR6:9551432	SSF x Near_LoA	-9,316	0,030	0,290
CHR6	9551882	CHR6:9551882	SSF x Near_LoA	-7,495	0,063	0,284
CHR6	9568233	CHR6:9568233	SSF x Near_LoA	-9,142	-0,042	0,278
CHR6	9568337	CHR6:9568337	SSF x Near_LoA	-9,726	0,044	0,287
CHR6	9568527	CHR6:9568527	SSF x Near_LoA	-11,101	-0,047	0,278
CHR6	9568537	CHR6:9568537	SSF x Near_LoA	-9,837	0,064	0,284
CHR6	9568576	CHR6:9568576	SSF x Near_LoA	-7,858	0,096	0,283
CHR6	9572547	CHR6:9572547	SSF x Near_LoA	-3,853	-0,115	0,286
CHR6	9572581	CHR6:9572581	SSF x Near_LoA	-8,857	-0,005	0,277
CHR6	9572586	CHR6:9572586	SSF x Near_LoA	-8,142	0,015	0,307
CHR6	9572634	CHR6:9572634	SSF x Near_LoA	-9,539	0,043	0,290
CHR6	9572645	CHR6:9572645	SSF x Near_LoA	-3,462	-0,138	0,277
CHR6	9572683	CHR6:9572683	SSF x Near_LoA	-7,157	0,040	0,288
CHR6	9572694	CHR6:9572694	SSF x Near_LoA	-7,410	-0,026	0,290
CHR6	9572786	CHR6:9572786	SSF x Near_LoA	-7,897	-0,045	0,293
CHR6	958166	CHR6:958166	SSF x Near_LoA	-8,329	0,060	0,293
CHR6	958359	CHR6:958359	SSF x Near_LoA	-6,340	0,147	0,287
CHR6	958433	CHR6:958433	SSF x Near_LoA	-7,906	0,037	0,296
CHR6	9586043	CHR6:9586043	SSF x Near_LoA	-7,577	-0,027	0,297
CHR6	9586266	CHR6:9586266	SSF x Near_LoA	-9,611	0,040	0,286
CHR6	9593266	CHR6:9593266	SSF x Near_LoA	-6,226	-0,089	0,284
CHR6	9593305	CHR6:9593305	SSF x Near_LoA	-7,602	-0,132	0,278
CHR6	9593339	CHR6:9593339	SSF x Near_LoA	-8,357	-0,078	0,275
CHR6	9593400	CHR6:9593400	SSF x Near_LoA	-8,537	0,041	0,278
CHR6	9593442	CHR6:9593442	SSF x Near_LoA	-8,357	0,009	0,285
CHR6	9593556	CHR6:9593556	SSF x Near_LoA	-9,891	-0,023	0,296
CHR6	9627075	CHR6:9627075	SSF x Near_LoA	-10,080	0,049	0,277

CHR6	9628213	CHR6:9628213	SSF x Near_LoA	-0,190	0,191	0,266
CHR6	9628285	CHR6:9628285	SSF x Near_LoA	-8,068	-0,129	0,283
CHR6	9628298	CHR6:9628298	SSF x Near_LoA	-6,008	-0,138	0,273
CHR6	9628354	CHR6:9628354	SSF x Near_LoA	-8,305	0,114	0,282
CHR6	9628364	CHR6:9628364	SSF x Near_LoA	-9,570	0,085	0,285
CHR6	9628389	CHR6:9628389	SSF x Near_LoA	-6,915	0,110	0,297
CHR6	9628393	CHR6:9628393	SSF x Near_LoA	-6,247	-0,177	0,276
CHR6	9628407	CHR6:9628407	SSF x Near_LoA	-5,478	0,044	0,300
CHR6	9628435	CHR6:9628435	SSF x Near_LoA	-8,276	0,036	0,283
CHR6	9628467	CHR6:9628467	SSF x Near_LoA	-4,611	-0,246	0,265
CHR6	9632637	CHR6:9632637	SSF x Near_LoA	-6,859	-0,039	0,281
CHR6	9632670	CHR6:9632670	SSF x Near_LoA	-10,481	-0,065	0,301
CHR6	9632730	CHR6:9632730	SSF x Near_LoA	-5,276	0,186	0,281
CHR6	9632827	CHR6:9632827	SSF x Near_LoA	-7,639	-0,033	0,302
CHR6	9632861	CHR6:9632861	SSF x Near_LoA	-8,278	-0,011	0,293
CHR6	9632874	CHR6:9632874	SSF x Near_LoA	-8,528	0,023	0,286
CHR6	9632891	CHR6:9632891	SSF x Near_LoA	-7,613	0,092	0,292
CHR6	9647721	CHR6:9647721	SSF x Near_LoA	-5,361	0,086	0,289
CHR6	9654586	CHR6:9654586	SSF x Near_LoA	-8,784	0,147	0,283
CHR6	9654984	CHR6:9654984	SSF x Near_LoA	-7,958	-0,027	0,292
CHR6	9657828	CHR6:9657828	SSF x Near_LoA	-8,450	0,040	0,286
CHR6	9657831	CHR6:9657831	SSF x Near_LoA	-8,658	-0,065	0,272
CHR6	9657834	CHR6:9657834	SSF x Near_LoA	-8,343	0,075	0,296
CHR6	9657974	CHR6:9657974	SSF x Near_LoA	-4,820	-0,175	0,277
CHR6	9658036	CHR6:9658036	SSF x Near_LoA	-8,064	-0,049	0,282
CHR6	9662490	CHR6:9662490	SSF x Near_LoA	-8,155	-0,027	0,292
CHR6	9662498	CHR6:9662498	SSF x Near_LoA	-8,729	0,138	0,282
CHR6	9662505	CHR6:9662505	SSF x Near_LoA	-9,954	-0,037	0,281
CHR6	9664040	CHR6:9664040	SSF x Near_LoA	-8,712	-0,003	0,291
CHR6	9664219	CHR6:9664219	SSF x Near_LoA	-7,294	0,094	0,285
CHR6	9664287	CHR6:9664287	SSF x Near_LoA	-6,768	0,155	0,285
CHR6	9672928	CHR6:9672928	SSF x Near_LoA	-4,335	0,051	0,295
CHR6	9676929	CHR6:9676929	SSF x Near_LoA	-8,471	0,048	0,293
CHR6	9691407	CHR6:9691407	SSF x Near_LoA	-1,213	-0,205	0,280
CHR6	9691475	CHR6:9691475	SSF x Near_LoA	-5,720	0,138	0,293
CHR6	9699441	CHR6:9699441	SSF x Near_LoA	-1,248	-0,238	0,267
CHR6	9725851	CHR6:9725851	SSF x Near_LoA	-5,808	-0,196	0,282
CHR6	9725982	CHR6:9725982	SSF x Near_LoA	-9,327	-0,025	0,282
CHR6	9730983	CHR6:9730983	SSF x Near_LoA	-9,216	0,186	0,268
CHR6	9753194	CHR6:9753194	SSF x Near_LoA	-7,353	0,138	0,269
CHR6	9753213	CHR6:9753213	SSF x Near_LoA	-6,674	-0,182	0,281
CHR6	976831	CHR6:976831	SSF x Near_LoA	-6,932	0,104	0,292
CHR6	9780102	CHR6:9780102	SSF x Near_LoA	-3,687	0,219	0,284
CHR6	9782585	CHR6:9782585	SSF x Near_LoA	-7,015	-0,088	0,296
CHR6	9782641	CHR6:9782641	SSF x Near_LoA	-8,425	0,068	0,296
CHR6	9782680	CHR6:9782680	SSF x Near_LoA	-8,647	0,103	0,280
CHR6	9782780	CHR6:9782780	SSF x Near_LoA	-10,042	-0,057	0,298
CHR6	9782813	CHR6:9782813	SSF x Near_LoA	-6,375	0,083	0,274
CHR6	9804085	CHR6:9804085	SSF x Near_LoA	-7,626	-0,027	0,293
CHR6	9808662	CHR6:9808662	SSF x Near_LoA	-10,822	0,017	0,294
CHR6	9808707	CHR6:9808707	SSF x Near_LoA	-8,156	0,056	0,265
CHR6	9808750	CHR6:9808750	SSF x Near_LoA	-6,808	0,114	0,287
CHR6	9808752	CHR6:9808752	SSF x Near_LoA	-3,031	0,102	0,283

CHR6	9812380	CHR6:9812380	SSF x Near_LoA	-7,490	-0,081	0,283
CHR6	9812475	CHR6:9812475	SSF x Near_LoA	-7,006	0,173	0,288
CHR6	9812516	CHR6:9812516	SSF x Near_LoA	-6,577	0,045	0,286
CHR6	9812636	CHR6:9812636	SSF x Near_LoA	-10,843	-0,057	0,285
CHR6	9818122	CHR6:9818122	SSF x Near_LoA	-6,827	0,043	0,289
CHR6	9818142	CHR6:9818142	SSF x Near_LoA	-10,581	0,025	0,285
CHR6	9818204	CHR6:9818204	SSF x Near_LoA	-4,981	0,198	0,281
CHR6	9821995	CHR6:9821995	SSF x Near_LoA	-9,059	-0,069	0,273
CHR6	9834546	CHR6:9834546	SSF x Near_LoA	-6,270	-0,121	0,277
CHR6	9834572	CHR6:9834572	SSF x Near_LoA	-4,970	-0,166	0,283
CHR6	9834653	CHR6:9834653	SSF x Near_LoA	-7,645	-0,048	0,270
CHR6	9834719	CHR6:9834719	SSF x Near_LoA	-7,645	-0,135	0,269
CHR6	9834812	CHR6:9834812	SSF x Near_LoA	-9,041	0,100	0,277
CHR6	9834842	CHR6:9834842	SSF x Near_LoA	-2,685	0,181	0,271
CHR6	9834855	CHR6:9834855	SSF x Near_LoA	-6,500	0,074	0,281
CHR6	9834857	CHR6:9834857	SSF x Near_LoA	-6,571	-0,208	0,277
CHR6	9834911	CHR6:9834911	SSF x Near_LoA	-8,634	-0,006	0,286
CHR6	9834952	CHR6:9834952	SSF x Near_LoA	-5,762	-0,095	0,281
CHR6	9834988	CHR6:9834988	SSF x Near_LoA	-7,334	0,081	0,305
CHR6	9835015	CHR6:9835015	SSF x Near_LoA	-6,679	-0,051	0,305
CHR6	9842324	CHR6:9842324	SSF x Near_LoA	-9,133	-0,143	0,294
CHR6	9842401	CHR6:9842401	SSF x Near_LoA	-9,660	0,068	0,291
CHR6	9842447	CHR6:9842447	SSF x Near_LoA	-8,550	0,101	0,262
CHR6	9842452	CHR6:9842452	SSF x Near_LoA	-7,417	0,002	0,298
CHR6	9844038	CHR6:9844038	SSF x Near_LoA	-8,040	-0,038	0,293
CHR6	9844043	CHR6:9844043	SSF x Near_LoA	-10,407	-0,032	0,284
CHR6	9844050	CHR6:9844050	SSF x Near_LoA	-7,584	-0,007	0,292
CHR6	9844058	CHR6:9844058	SSF x Near_LoA	-9,779	-0,028	0,290
CHR6	9844067	CHR6:9844067	SSF x Near_LoA	-8,373	-0,138	0,280
CHR6	9844075	CHR6:9844075	SSF x Near_LoA	-8,897	-0,122	0,287
CHR6	9844123	CHR6:9844123	SSF x Near_LoA	-5,667	0,213	0,268
CHR6	9844140	CHR6:9844140	SSF x Near_LoA	-7,834	0,128	0,281
CHR6	9848067	CHR6:9848067	SSF x Near_LoA	-7,649	-0,099	0,287
CHR6	9848113	CHR6:9848113	SSF x Near_LoA	-9,271	-0,078	0,286
CHR6	9848119	CHR6:9848119	SSF x Near_LoA	-4,100	-0,096	0,303
CHR6	9848224	CHR6:9848224	SSF x Near_LoA	-8,225	0,042	0,291
CHR6	9869092	CHR6:9869092	SSF x Near_LoA	-6,877	0,029	0,294
CHR6	9869635	CHR6:9869635	SSF x Near_LoA	-9,382	-0,057	0,285
CHR6	9873703	CHR6:9873703	SSF x Near_LoA	-8,396	-0,008	0,293
CHR6	9873791	CHR6:9873791	SSF x Near_LoA	-10,489	0,059	0,280
CHR6	9885676	CHR6:9885676	SSF x Near_LoA	-9,127	0,078	0,284
CHR6	9885699	CHR6:9885699	SSF x Near_LoA	-8,550	0,041	0,287
CHR6	9885722	CHR6:9885722	SSF x Near_LoA	-9,443	-0,086	0,283
CHR6	9885725	CHR6:9885725	SSF x Near_LoA	-9,250	0,110	0,285
CHR6	9885735	CHR6:9885735	SSF x Near_LoA	-3,004	-0,243	0,281
CHR6	9885741	CHR6:9885741	SSF x Near_LoA	-3,092	-0,269	0,259
CHR6	9885751	CHR6:9885751	SSF x Near_LoA	0,027	-0,188	0,271
CHR6	9890375	CHR6:9890375	SSF x Near_LoA	-4,156	0,205	0,286
CHR6	9890423	CHR6:9890423	SSF x Near_LoA	-3,840	0,159	0,291
CHR6	9890500	CHR6:9890500	SSF x Near_LoA	-8,585	-0,002	0,292
CHR6	989670	CHR6:989670	SSF x Near_LoA	-10,136	-0,091	0,278
CHR6	989686	CHR6:989686	SSF x Near_LoA	-7,961	0,062	0,294
CHR6	9907721	CHR6:9907721	SSF x Near_LoA	-8,180	-0,114	0,285

CHR6	9907752	CHR6:9907752	SSF x Near_LoA	-10,245	-0,044	0,301
CHR6	990845	CHR6:990845	SSF x Near_LoA	-4,535	-0,098	0,275
CHR6	990859	CHR6:990859	SSF x Near_LoA	-6,951	-0,047	0,283
CHR6	9908883	CHR6:9908883	SSF x Near_LoA	-6,907	0,019	0,294
CHR6	9940149	CHR6:9940149	SSF x Near_LoA	-9,309	-0,012	0,298
CHR6	9947205	CHR6:9947205	SSF x Near_LoA	-8,168	-0,058	0,284
CHR6	9959075	CHR6:9959075	SSF x Near_LoA	-6,622	-0,070	0,289
CHR6	9959083	CHR6:9959083	SSF x Near_LoA	-8,467	-0,020	0,291
CHR6	9959169	CHR6:9959169	SSF x Near_LoA	-6,852	0,114	0,281
CHR6	9981540	CHR6:9981540	SSF x Near_LoA	-7,723	0,048	0,280
CHR6	9990148	CHR6:9990148	SSF x Near_LoA	-10,644	0,046	0,279
CHR6	9990152	CHR6:9990152	SSF x Near_LoA	-10,102	-0,041	0,284
CHR6	9990202	CHR6:9990202	SSF x Near_LoA	-6,629	-0,065	0,283
CHR6	9990377	CHR6:9990377	SSF x Near_LoA	-7,470	-0,098	0,294
CHR6	9996184	CHR6:9996184	SSF x Near_LoA	-9,068	0,087	0,282
CHR6	9996222	CHR6:9996222	SSF x Near_LoA	-10,264	0,016	0,282
CHR6	9996229	CHR6:9996229	SSF x Near_LoA	-7,677	-0,148	0,284
CHR6	9996300	CHR6:9996300	SSF x Near_LoA	-6,821	0,103	0,277
CHR6	9996336	CHR6:9996336	SSF x Near_LoA	4,836	-0,207	0,284
CHR7	1161126	CHR7:1161126	SSF x Near_LoA	-8,761	-0,060	0,289
CHR7	1162560	CHR7:1162560	SSF x Near_LoA	-9,797	-0,061	0,290
CHR7	1174472	CHR7:1174472	SSF x Near_LoA	-8,049	0,002	0,281
CHR7	1174473	CHR7:1174473	SSF x Near_LoA	-7,455	-0,017	0,272
CHR7	1176690	CHR7:1176690	SSF x Near_LoA	-7,615	0,045	0,281
CHR7	1178302	CHR7:1178302	SSF x Near_LoA	-5,973	-0,019	0,307
CHR7	1178334	CHR7:1178334	SSF x Near_LoA	-9,095	-0,073	0,284
CHR7	1182118	CHR7:1182118	SSF x Near_LoA	-7,000	0,121	0,289
CHR7	11830113	CHR7:11830113	SSF x Near_LoA	-6,119	0,018	0,276
CHR7	11858197	CHR7:11858197	SSF x Near_LoA	-8,730	-0,012	0,289
CHR7	11858261	CHR7:11858261	SSF x Near_LoA	-7,088	0,035	0,298
CHR7	11858367	CHR7:11858367	SSF x Near_LoA	-8,552	-0,016	0,274
CHR7	11863791	CHR7:11863791	SSF x Near_LoA	-8,045	0,065	0,294
CHR7	11866731	CHR7:11866731	SSF x Near_LoA	-8,583	-0,017	0,299
CHR7	11866838	CHR7:11866838	SSF x Near_LoA	-3,728	-0,244	0,277
CHR7	11876919	CHR7:11876919	SSF x Near_LoA	-7,787	0,091	0,284
CHR7	11877126	CHR7:11877126	SSF x Near_LoA	-6,902	0,084	0,291
CHR7	11877152	CHR7:11877152	SSF x Near_LoA	-8,699	0,049	0,283
CHR7	11884577	CHR7:11884577	SSF x Near_LoA	-7,020	-0,103	0,289
CHR7	11884640	CHR7:11884640	SSF x Near_LoA	-9,872	-0,055	0,280
CHR7	11884866	CHR7:11884866	SSF x Near_LoA	-6,617	0,065	0,284
CHR7	11884867	CHR7:11884867	SSF x Near_LoA	-8,276	0,078	0,278
CHR7	1188920	CHR7:1188920	SSF x Near_LoA	-7,687	0,019	0,287
CHR7	1190170	CHR7:1190170	SSF x Near_LoA	-4,412	-0,146	0,295
CHR7	11904298	CHR7:11904298	SSF x Near_LoA	-6,028	0,075	0,292
CHR7	11904361	CHR7:11904361	SSF x Near_LoA	-6,974	0,057	0,297
CHR7	11904533	CHR7:11904533	SSF x Near_LoA	-9,166	-0,039	0,286
CHR7	11911415	CHR7:11911415	SSF x Near_LoA	-9,369	0,022	0,270
CHR7	11914909	CHR7:11914909	SSF x Near_LoA	-8,058	-0,157	0,284
CHR7	11914934	CHR7:11914934	SSF x Near_LoA	-7,683	0,164	0,277
CHR7	11914976	CHR7:11914976	SSF x Near_LoA	-4,562	-0,151	0,283
CHR7	11915006	CHR7:11915006	SSF x Near_LoA	-6,268	-0,124	0,296
CHR7	11915039	CHR7:11915039	SSF x Near_LoA	-9,634	-0,062	0,285
CHR7	11978784	CHR7:11978784	SSF x Near_LoA	-8,427	-0,035	0,288

CHR7	11978823	CHR7:11978823	SSF x Near_LoA	-8,811	0,125	0,284
CHR7	11978915	CHR7:11978915	SSF x Near_LoA	-3,143	-0,018	0,289
CHR7	11980052	CHR7:11980052	SSF x Near_LoA	-7,185	0,123	0,286
CHR7	11980060	CHR7:11980060	SSF x Near_LoA	-6,832	-0,151	0,287
CHR7	12005352	CHR7:12005352	SSF x Near_LoA	-7,730	0,034	0,288
CHR7	12024084	CHR7:12024084	SSF x Near_LoA	-8,835	-0,076	0,286
CHR7	12024165	CHR7:12024165	SSF x Near_LoA	-8,154	-0,055	0,293
CHR7	12024206	CHR7:12024206	SSF x Near_LoA	-9,838	-0,006	0,276
CHR7	12050118	CHR7:12050118	SSF x Near_LoA	-9,502	0,117	0,278
CHR7	12050437	CHR7:12050437	SSF x Near_LoA	-8,227	0,139	0,286
CHR7	12078630	CHR7:12078630	SSF x Near_LoA	-8,002	-0,142	0,285
CHR7	12117626	CHR7:12117626	SSF x Near_LoA	-6,831	-0,030	0,287
CHR7	12146945	CHR7:12146945	SSF x Near_LoA	-6,681	-0,003	0,306
CHR7	12147019	CHR7:12147019	SSF x Near_LoA	-8,049	0,003	0,298
CHR7	12166615	CHR7:12166615	SSF x Near_LoA	-6,764	-0,193	0,276
CHR7	12175687	CHR7:12175687	SSF x Near_LoA	-6,604	-0,101	0,291
CHR7	12202554	CHR7:12202554	SSF x Near_LoA	-7,757	0,066	0,289
CHR7	12219950	CHR7:12219950	SSF x Near_LoA	-6,132	0,178	0,268
CHR7	12219957	CHR7:12219957	SSF x Near_LoA	-4,418	-0,137	0,266
CHR7	12222706	CHR7:12222706	SSF x Near_LoA	-5,108	-0,174	0,280
CHR7	12224004	CHR7:12224004	SSF x Near_LoA	-8,245	0,113	0,281
CHR7	12224108	CHR7:12224108	SSF x Near_LoA	-9,437	0,109	0,279
CHR7	1222803	CHR7:1222803	SSF x Near_LoA	-4,830	0,158	0,266
CHR7	1222944	CHR7:1222944	SSF x Near_LoA	-10,495	-0,011	0,294
CHR7	1222949	CHR7:1222949	SSF x Near_LoA	-9,774	-0,075	0,294
CHR7	12249038	CHR7:12249038	SSF x Near_LoA	-8,321	0,104	0,289
CHR7	1225179	CHR7:1225179	SSF x Near_LoA	-10,150	0,050	0,289
CHR7	1225206	CHR7:1225206	SSF x Near_LoA	-7,992	-0,147	0,288
CHR7	1225320	CHR7:1225320	SSF x Near_LoA	-4,889	0,021	0,296
CHR7	12263200	CHR7:12263200	SSF x Near_LoA	-10,108	-0,023	0,296
CHR7	12263203	CHR7:12263203	SSF x Near_LoA	-7,093	0,012	0,286
CHR7	12263518	CHR7:12263518	SSF x Near_LoA	-6,697	0,016	0,304
CHR7	12275051	CHR7:12275051	SSF x Near_LoA	-9,993	-0,122	0,287
CHR7	12275169	CHR7:12275169	SSF x Near_LoA	-8,756	-0,011	0,288
CHR7	12275193	CHR7:12275193	SSF x Near_LoA	-9,405	-0,024	0,290
CHR7	12275207	CHR7:12275207	SSF x Near_LoA	-8,771	0,038	0,285
CHR7	12275227	CHR7:12275227	SSF x Near_LoA	-8,451	0,032	0,279
CHR7	12275347	CHR7:12275347	SSF x Near_LoA	-7,971	-0,001	0,295
CHR7	12275375	CHR7:12275375	SSF x Near_LoA	-9,690	-0,067	0,295
CHR7	12275405	CHR7:12275405	SSF x Near_LoA	-9,852	-0,061	0,277
CHR7	12284509	CHR7:12284509	SSF x Near_LoA	-7,730	-0,097	0,279
CHR7	12294782	CHR7:12294782	SSF x Near_LoA	-5,441	-0,001	0,278
CHR7	12303529	CHR7:12303529	SSF x Near_LoA	-8,629	-0,128	0,284
CHR7	12303822	CHR7:12303822	SSF x Near_LoA	-9,018	0,133	0,284
CHR7	12328623	CHR7:12328623	SSF x Near_LoA	-3,463	0,097	0,295
CHR7	12338390	CHR7:12338390	SSF x Near_LoA	-4,687	0,177	0,301
CHR7	12350256	CHR7:12350256	SSF x Near_LoA	-9,411	-0,081	0,277
CHR7	12355147	CHR7:12355147	SSF x Near_LoA	-9,575	0,041	0,280
CHR7	1236423	CHR7:1236423	SSF x Near_LoA	-7,385	0,080	0,294
CHR7	1236439	CHR7:1236439	SSF x Near_LoA	-7,639	-0,001	0,283
CHR7	1236445	CHR7:1236445	SSF x Near_LoA	-9,496	-0,025	0,292
CHR7	12369243	CHR7:12369243	SSF x Near_LoA	-8,225	0,137	0,281
CHR7	12389762	CHR7:12389762	SSF x Near_LoA	-6,549	0,047	0,302

CHR7	12389800	CHR7:12389800	SSF x Near_LoA	-8,586	0,008	0,280
CHR7	1240578	CHR7:1240578	SSF x Near_LoA	-9,861	-0,057	0,293
CHR7	12410509	CHR7:12410509	SSF x Near_LoA	-2,939	0,227	0,271
CHR7	12424254	CHR7:12424254	SSF x Near_LoA	-5,959	0,122	0,276
CHR7	12424293	CHR7:12424293	SSF x Near_LoA	-4,500	-0,193	0,278
CHR7	12440933	CHR7:12440933	SSF x Near_LoA	-9,221	0,018	0,273
CHR7	12444769	CHR7:12444769	SSF x Near_LoA	-10,170	-0,044	0,286
CHR7	12444773	CHR7:12444773	SSF x Near_LoA	-7,398	-0,024	0,284
CHR7	12447968	CHR7:12447968	SSF x Near_LoA	-6,029	0,015	0,302
CHR7	12461037	CHR7:12461037	SSF x Near_LoA	-8,492	-0,029	0,293
CHR7	12461151	CHR7:12461151	SSF x Near_LoA	-9,052	-0,004	0,293
CHR7	1249032	CHR7:1249032	SSF x Near_LoA	-5,476	-0,202	0,268
CHR7	12491852	CHR7:12491852	SSF x Near_LoA	-8,286	0,162	0,292
CHR7	12491909	CHR7:12491909	SSF x Near_LoA	-10,771	0,040	0,281
CHR7	12499915	CHR7:12499915	SSF x Near_LoA	-7,032	-0,015	0,297
CHR7	12502908	CHR7:12502908	SSF x Near_LoA	-7,328	0,030	0,294
CHR7	12524134	CHR7:12524134	SSF x Near_LoA	-9,972	0,037	0,304
CHR7	12528459	CHR7:12528459	SSF x Near_LoA	-9,057	-0,080	0,281
CHR7	1255066	CHR7:1255066	SSF x Near_LoA	-9,608	-0,022	0,283
CHR7	12566848	CHR7:12566848	SSF x Near_LoA	-7,602	-0,048	0,294
CHR7	12566985	CHR7:12566985	SSF x Near_LoA	-2,879	-0,035	0,282
CHR7	12567002	CHR7:12567002	SSF x Near_LoA	-8,114	-0,023	0,285
CHR7	12567019	CHR7:12567019	SSF x Near_LoA	-6,646	0,096	0,304
CHR7	12567024	CHR7:12567024	SSF x Near_LoA	-8,066	-0,050	0,287
CHR7	12578782	CHR7:12578782	SSF x Near_LoA	-6,435	0,034	0,296
CHR7	12591243	CHR7:12591243	SSF x Near_LoA	-10,795	-0,087	0,275
CHR7	12593949	CHR7:12593949	SSF x Near_LoA	-10,613	-0,023	0,291
CHR7	12616188	CHR7:12616188	SSF x Near_LoA	-3,900	0,075	0,295
CHR7	12616236	CHR7:12616236	SSF x Near_LoA	-5,934	-0,187	0,279
CHR7	12616274	CHR7:12616274	SSF x Near_LoA	-6,061	0,180	0,275
CHR7	12616318	CHR7:12616318	SSF x Near_LoA	-7,352	0,078	0,298
CHR7	12616346	CHR7:12616346	SSF x Near_LoA	-8,463	-0,003	0,296
CHR7	12619805	CHR7:12619805	SSF x Near_LoA	-3,633	-0,009	0,293
CHR7	12619826	CHR7:12619826	SSF x Near_LoA	-7,519	-0,001	0,291
CHR7	12619906	CHR7:12619906	SSF x Near_LoA	-7,251	0,129	0,281
CHR7	12619911	CHR7:12619911	SSF x Near_LoA	-7,900	0,034	0,290
CHR7	12619941	CHR7:12619941	SSF x Near_LoA	-2,393	-0,025	0,295
CHR7	12629207	CHR7:12629207	SSF x Near_LoA	-9,074	0,090	0,291
CHR7	12629264	CHR7:12629264	SSF x Near_LoA	-8,404	0,110	0,273
CHR7	12629345	CHR7:12629345	SSF x Near_LoA	-7,786	-0,091	0,278
CHR7	12629359	CHR7:12629359	SSF x Near_LoA	-2,625	0,009	0,289
CHR7	12629373	CHR7:12629373	SSF x Near_LoA	-7,115	-0,089	0,272
CHR7	12629415	CHR7:12629415	SSF x Near_LoA	-7,028	-0,081	0,295
CHR7	12629442	CHR7:12629442	SSF x Near_LoA	-6,320	-0,159	0,268
CHR7	12631473	CHR7:12631473	SSF x Near_LoA	-8,784	0,025	0,285
CHR7	12631478	CHR7:12631478	SSF x Near_LoA	-8,899	0,011	0,278
CHR7	12631624	CHR7:12631624	SSF x Near_LoA	-8,605	0,068	0,278
CHR7	12631643	CHR7:12631643	SSF x Near_LoA	-2,555	0,166	0,265
CHR7	12631695	CHR7:12631695	SSF x Near_LoA	-6,556	-0,121	0,295
CHR7	1264241	CHR7:1264241	SSF x Near_LoA	-7,026	0,121	0,287
CHR7	1264290	CHR7:1264290	SSF x Near_LoA	-5,834	-0,124	0,290
CHR7	1264298	CHR7:1264298	SSF x Near_LoA	-6,639	-0,110	0,281
CHR7	1264797	CHR7:1264797	SSF x Near_LoA	-9,410	-0,129	0,274

CHR7	12658534	CHR7:12658534	SSF x Near_LoA	-6,391	-0,091	0,283
CHR7	12658626	CHR7:12658626	SSF x Near_LoA	-9,797	0,077	0,283
CHR7	12675264	CHR7:12675264	SSF x Near_LoA	-8,479	-0,036	0,296
CHR7	12675266	CHR7:12675266	SSF x Near_LoA	-10,064	-0,022	0,286
CHR7	12675311	CHR7:12675311	SSF x Near_LoA	-9,538	-0,079	0,285
CHR7	12675317	CHR7:12675317	SSF x Near_LoA	-7,748	-0,051	0,292
CHR7	12675368	CHR7:12675368	SSF x Near_LoA	-9,660	-0,014	0,297
CHR7	12697655	CHR7:12697655	SSF x Near_LoA	-5,156	-0,146	0,295
CHR7	1269790	CHR7:1269790	SSF x Near_LoA	-4,150	0,042	0,280
CHR7	1270002	CHR7:1270002	SSF x Near_LoA	-2,290	-0,145	0,265
CHR7	12701982	CHR7:12701982	SSF x Near_LoA	-7,220	0,057	0,291
CHR7	12749152	CHR7:12749152	SSF x Near_LoA	-6,175	0,001	0,293
CHR7	12750853	CHR7:12750853	SSF x Near_LoA	-7,714	-0,031	0,289
CHR7	12752327	CHR7:12752327	SSF x Near_LoA	-8,023	-0,139	0,279
CHR7	12768209	CHR7:12768209	SSF x Near_LoA	-7,667	-0,078	0,288
CHR7	12768278	CHR7:12768278	SSF x Near_LoA	-9,143	-0,042	0,279
CHR7	12786442	CHR7:12786442	SSF x Near_LoA	-8,691	-0,007	0,290
CHR7	12786482	CHR7:12786482	SSF x Near_LoA	-7,886	0,025	0,290
CHR7	12821413	CHR7:12821413	SSF x Near_LoA	-6,020	-0,089	0,284
CHR7	12821460	CHR7:12821460	SSF x Near_LoA	-7,778	-0,187	0,256
CHR7	12822255	CHR7:12822255	SSF x Near_LoA	-7,251	-0,074	0,266
CHR7	12822260	CHR7:12822260	SSF x Near_LoA	-8,419	-0,009	0,282
CHR7	12833265	CHR7:12833265	SSF x Near_LoA	-9,245	-0,057	0,292
CHR7	12833315	CHR7:12833315	SSF x Near_LoA	-6,550	0,077	0,284
CHR7	12833343	CHR7:12833343	SSF x Near_LoA	-5,821	0,041	0,296
CHR7	12833363	CHR7:12833363	SSF x Near_LoA	-8,767	-0,090	0,287
CHR7	12837773	CHR7:12837773	SSF x Near_LoA	-10,004	-0,101	0,272
CHR7	12841525	CHR7:12841525	SSF x Near_LoA	-8,748	-0,080	0,276
CHR7	12841611	CHR7:12841611	SSF x Near_LoA	-8,776	0,120	0,277
CHR7	12843613	CHR7:12843613	SSF x Near_LoA	-9,572	-0,054	0,290
CHR7	12843646	CHR7:12843646	SSF x Near_LoA	-7,357	0,018	0,279
CHR7	12843652	CHR7:12843652	SSF x Near_LoA	-4,606	-0,060	0,291
CHR7	12868413	CHR7:12868413	SSF x Near_LoA	-5,852	0,097	0,292
CHR7	12868531	CHR7:12868531	SSF x Near_LoA	-10,253	-0,011	0,288
CHR7	12868567	CHR7:12868567	SSF x Near_LoA	-9,250	-0,062	0,299
CHR7	12885664	CHR7:12885664	SSF x Near_LoA	-7,839	0,093	0,274
CHR7	12885810	CHR7:12885810	SSF x Near_LoA	-4,658	0,086	0,277
CHR7	12891633	CHR7:12891633	SSF x Near_LoA	-7,667	0,035	0,296
CHR7	12900297	CHR7:12900297	SSF x Near_LoA	-6,984	0,163	0,273
CHR7	12902074	CHR7:12902074	SSF x Near_LoA	-6,742	-0,082	0,278
CHR7	12917151	CHR7:12917151	SSF x Near_LoA	-10,601	-0,107	0,297
CHR7	12917163	CHR7:12917163	SSF x Near_LoA	-1,998	0,178	0,278
CHR7	12917164	CHR7:12917164	SSF x Near_LoA	-10,306	-0,086	0,285
CHR7	12920308	CHR7:12920308	SSF x Near_LoA	-9,415	-0,002	0,276
CHR7	12947404	CHR7:12947404	SSF x Near_LoA	-5,515	-0,149	0,270
CHR7	12960406	CHR7:12960406	SSF x Near_LoA	-7,803	0,015	0,279
CHR7	12972047	CHR7:12972047	SSF x Near_LoA	-8,991	0,098	0,292
CHR7	12980090	CHR7:12980090	SSF x Near_LoA	-9,836	0,048	0,284
CHR7	12993164	CHR7:12993164	SSF x Near_LoA	-9,496	-0,030	0,286
CHR7	12993345	CHR7:12993345	SSF x Near_LoA	-7,241	0,136	0,279
CHR7	12993379	CHR7:12993379	SSF x Near_LoA	-7,450	0,011	0,289
CHR7	12993410	CHR7:12993410	SSF x Near_LoA	-9,924	-0,034	0,294
CHR7	13001460	CHR7:13001460	SSF x Near_LoA	-6,756	-0,141	0,290

CHR7	13001551	CHR7:13001551	SSF x Near_LoA	-7,899	0,007	0,306
CHR7	13001743	CHR7:13001743	SSF x Near_LoA	-9,520	-0,078	0,289
CHR7	13007205	CHR7:13007205	SSF x Near_LoA	-5,134	0,163	0,270
CHR7	13035675	CHR7:13035675	SSF x Near_LoA	-6,453	-0,134	0,288
CHR7	13047786	CHR7:13047786	SSF x Near_LoA	-8,701	-0,023	0,291
CHR7	13058810	CHR7:13058810	SSF x Near_LoA	-9,984	0,087	0,287
CHR7	13058827	CHR7:13058827	SSF x Near_LoA	-8,802	0,039	0,313
CHR7	13059532	CHR7:13059532	SSF x Near_LoA	-9,590	0,100	0,290
CHR7	13076576	CHR7:13076576	SSF x Near_LoA	-7,080	0,103	0,287
CHR7	13076578	CHR7:13076578	SSF x Near_LoA	-2,774	-0,152	0,280
CHR7	13076712	CHR7:13076712	SSF x Near_LoA	-6,495	-0,109	0,280
CHR7	13076736	CHR7:13076736	SSF x Near_LoA	-6,335	0,081	0,287
CHR7	13078518	CHR7:13078518	SSF x Near_LoA	-6,749	-0,004	0,282
CHR7	13109870	CHR7:13109870	SSF x Near_LoA	-8,961	-0,097	0,283
CHR7	13120191	CHR7:13120191	SSF x Near_LoA	-8,479	0,060	0,278
CHR7	13120193	CHR7:13120193	SSF x Near_LoA	-9,628	0,043	0,287
CHR7	13120196	CHR7:13120196	SSF x Near_LoA	-9,430	0,013	0,300
CHR7	13120206	CHR7:13120206	SSF x Near_LoA	-7,750	0,143	0,275
CHR7	13120389	CHR7:13120389	SSF x Near_LoA	-4,010	-0,139	0,278
CHR7	13127172	CHR7:13127172	SSF x Near_LoA	-8,566	0,049	0,293
CHR7	13127261	CHR7:13127261	SSF x Near_LoA	-7,169	0,128	0,269
CHR7	13127267	CHR7:13127267	SSF x Near_LoA	-7,910	0,031	0,284
CHR7	13127321	CHR7:13127321	SSF x Near_LoA	-6,284	-0,121	0,278
CHR7	13127333	CHR7:13127333	SSF x Near_LoA	-6,026	-0,065	0,280
CHR7	13127360	CHR7:13127360	SSF x Near_LoA	2,653	0,237	0,273
CHR7	13127370	CHR7:13127370	SSF x Near_LoA	-5,781	0,041	0,274
CHR7	13132849	CHR7:13132849	SSF x Near_LoA	-8,148	0,072	0,288
CHR7	13132874	CHR7:13132874	SSF x Near_LoA	-7,318	-0,055	0,281
CHR7	13132954	CHR7:13132954	SSF x Near_LoA	-9,769	-0,080	0,292
CHR7	13133049	CHR7:13133049	SSF x Near_LoA	-9,307	-0,015	0,291
CHR7	13149279	CHR7:13149279	SSF x Near_LoA	-8,352	0,005	0,284
CHR7	13160816	CHR7:13160816	SSF x Near_LoA	-2,291	0,041	0,288
CHR7	13160834	CHR7:13160834	SSF x Near_LoA	-7,523	-0,031	0,291
CHR7	13160837	CHR7:13160837	SSF x Near_LoA	-7,566	-0,075	0,292
CHR7	13160860	CHR7:13160860	SSF x Near_LoA	-7,854	-0,027	0,291
CHR7	13160876	CHR7:13160876	SSF x Near_LoA	-8,146	0,103	0,284
CHR7	13160887	CHR7:13160887	SSF x Near_LoA	-6,359	-0,100	0,279
CHR7	13160915	CHR7:13160915	SSF x Near_LoA	-3,714	-0,115	0,288
CHR7	13172135	CHR7:13172135	SSF x Near_LoA	-5,595	0,061	0,284
CHR7	13172347	CHR7:13172347	SSF x Near_LoA	-5,751	0,131	0,281
CHR7	13173954	CHR7:13173954	SSF x Near_LoA	-9,470	0,139	0,270
CHR7	13174015	CHR7:13174015	SSF x Near_LoA	-9,853	0,036	0,285
CHR7	13174022	CHR7:13174022	SSF x Near_LoA	-8,085	-0,005	0,285
CHR7	13174109	CHR7:13174109	SSF x Near_LoA	-8,812	-0,081	0,274
CHR7	13174184	CHR7:13174184	SSF x Near_LoA	-9,249	0,032	0,262
CHR7	13179553	CHR7:13179553	SSF x Near_LoA	-8,151	-0,054	0,289
CHR7	13179583	CHR7:13179583	SSF x Near_LoA	-7,446	-0,055	0,288
CHR7	13180740	CHR7:13180740	SSF x Near_LoA	-6,943	0,110	0,276
CHR7	13180794	CHR7:13180794	SSF x Near_LoA	-9,044	-0,063	0,297
CHR7	13180819	CHR7:13180819	SSF x Near_LoA	-7,220	0,011	0,301
CHR7	1318475	CHR7:1318475	SSF x Near_LoA	-6,484	0,123	0,286
CHR7	1318550	CHR7:1318550	SSF x Near_LoA	-10,121	0,013	0,288
CHR7	1318625	CHR7:1318625	SSF x Near_LoA	-7,178	0,100	0,286

CHR7	1318756	CHR7:1318756	SSF x Near_LoA	-5,966	0,181	0,285
CHR7	13188303	CHR7:13188303	SSF x Near_LoA	-9,145	0,056	0,284
CHR7	13188355	CHR7:13188355	SSF x Near_LoA	-8,020	-0,072	0,273
CHR7	13188366	CHR7:13188366	SSF x Near_LoA	-9,064	-0,066	0,292
CHR7	13192139	CHR7:13192139	SSF x Near_LoA	-9,065	-0,042	0,295
CHR7	13192286	CHR7:13192286	SSF x Near_LoA	-8,307	0,037	0,287
CHR7	13192298	CHR7:13192298	SSF x Near_LoA	-4,786	-0,104	0,283
CHR7	13192299	CHR7:13192299	SSF x Near_LoA	-8,305	0,017	0,292
CHR7	13201661	CHR7:13201661	SSF x Near_LoA	-3,678	-0,122	0,296
CHR7	13201843	CHR7:13201843	SSF x Near_LoA	-8,829	0,083	0,285
CHR7	13201846	CHR7:13201846	SSF x Near_LoA	-8,980	0,067	0,292
CHR7	13201861	CHR7:13201861	SSF x Near_LoA	-9,610	-0,042	0,296
CHR7	13201869	CHR7:13201869	SSF x Near_LoA	-7,483	0,012	0,304
CHR7	1321128	CHR7:1321128	SSF x Near_LoA	-4,055	0,152	0,259
CHR7	1321186	CHR7:1321186	SSF x Near_LoA	-9,716	-0,008	0,292
CHR7	13214972	CHR7:13214972	SSF x Near_LoA	-10,221	-0,008	0,286
CHR7	13215171	CHR7:13215171	SSF x Near_LoA	-8,852	-0,116	0,272
CHR7	13217106	CHR7:13217106	SSF x Near_LoA	-5,311	0,018	0,287
CHR7	13217347	CHR7:13217347	SSF x Near_LoA	-7,568	0,116	0,295
CHR7	13217369	CHR7:13217369	SSF x Near_LoA	-8,598	0,013	0,286
CHR7	13217372	CHR7:13217372	SSF x Near_LoA	-9,418	0,101	0,281
CHR7	13229731	CHR7:13229731	SSF x Near_LoA	-6,777	0,087	0,269
CHR7	13229750	CHR7:13229750	SSF x Near_LoA	-8,628	0,080	0,270
CHR7	13229859	CHR7:13229859	SSF x Near_LoA	-4,600	0,172	0,265
CHR7	13239822	CHR7:13239822	SSF x Near_LoA	-7,259	0,017	0,294
CHR7	13239875	CHR7:13239875	SSF x Near_LoA	-9,444	0,047	0,279
CHR7	13245172	CHR7:13245172	SSF x Near_LoA	-9,735	-0,075	0,284
CHR7	13245242	CHR7:13245242	SSF x Near_LoA	-6,734	0,079	0,280
CHR7	13245351	CHR7:13245351	SSF x Near_LoA	-9,036	-0,091	0,283
CHR7	13265565	CHR7:13265565	SSF x Near_LoA	-7,461	0,081	0,286
CHR7	13265632	CHR7:13265632	SSF x Near_LoA	-8,103	-0,003	0,292
CHR7	13265913	CHR7:13265913	SSF x Near_LoA	-7,448	-0,043	0,293
CHR7	13265948	CHR7:13265948	SSF x Near_LoA	-8,616	-0,071	0,281
CHR7	1329890	CHR7:1329890	SSF x Near_LoA	-8,701	0,102	0,281
CHR7	1329930	CHR7:1329930	SSF x Near_LoA	-8,453	0,032	0,290
CHR7	1330177	CHR7:1330177	SSF x Near_LoA	-7,255	-0,039	0,289
CHR7	1330354	CHR7:1330354	SSF x Near_LoA	-8,292	-0,018	0,298
CHR7	13304531	CHR7:13304531	SSF x Near_LoA	-10,270	-0,029	0,287
CHR7	13304601	CHR7:13304601	SSF x Near_LoA	-8,495	0,007	0,293
CHR7	13306920	CHR7:13306920	SSF x Near_LoA	-9,715	-0,133	0,265
CHR7	13306976	CHR7:13306976	SSF x Near_LoA	-8,849	-0,153	0,273
CHR7	13310345	CHR7:13310345	SSF x Near_LoA	-8,314	-0,047	0,305
CHR7	13310376	CHR7:13310376	SSF x Near_LoA	-9,255	-0,033	0,291
CHR7	13310426	CHR7:13310426	SSF x Near_LoA	-6,724	-0,125	0,291
CHR7	13310481	CHR7:13310481	SSF x Near_LoA	-7,452	-0,120	0,280
CHR7	13310656	CHR7:13310656	SSF x Near_LoA	-5,230	0,006	0,292
CHR7	13327139	CHR7:13327139	SSF x Near_LoA	-9,621	-0,031	0,294
CHR7	13327223	CHR7:13327223	SSF x Near_LoA	-7,701	0,163	0,301
CHR7	13327265	CHR7:13327265	SSF x Near_LoA	-8,906	-0,050	0,291
CHR7	13327268	CHR7:13327268	SSF x Near_LoA	-7,237	0,094	0,278
CHR7	13332519	CHR7:13332519	SSF x Near_LoA	-2,753	0,268	0,265
CHR7	13332561	CHR7:13332561	SSF x Near_LoA	-5,987	-0,105	0,288
CHR7	13332636	CHR7:13332636	SSF x Near_LoA	-8,944	0,047	0,291

CHR7	13355165	CHR7:13355165	SSF x Near_LoA	-9,455	0,019	0,283
CHR7	13355210	CHR7:13355210	SSF x Near_LoA	-8,302	0,038	0,305
CHR7	13355253	CHR7:13355253	SSF x Near_LoA	-8,062	-0,089	0,289
CHR7	13355274	CHR7:13355274	SSF x Near_LoA	-9,108	-0,061	0,279
CHR7	13355387	CHR7:13355387	SSF x Near_LoA	-8,660	0,073	0,291
CHR7	13355398	CHR7:13355398	SSF x Near_LoA	-8,094	-0,051	0,295
CHR7	13355400	CHR7:13355400	SSF x Near_LoA	-7,024	0,161	0,285
CHR7	13363003	CHR7:13363003	SSF x Near_LoA	-9,068	0,125	0,283
CHR7	13371677	CHR7:13371677	SSF x Near_LoA	5,795	-0,119	0,284
CHR7	13374469	CHR7:13374469	SSF x Near_LoA	-5,896	-0,119	0,269
CHR7	13377112	CHR7:13377112	SSF x Near_LoA	-4,846	-0,038	0,291
CHR7	13379057	CHR7:13379057	SSF x Near_LoA	-9,250	-0,094	0,287
CHR7	13379140	CHR7:13379140	SSF x Near_LoA	-8,593	0,006	0,259
CHR7	13379141	CHR7:13379141	SSF x Near_LoA	-9,375	0,048	0,277
CHR7	13379161	CHR7:13379161	SSF x Near_LoA	-8,646	-0,020	0,259
CHR7	13379188	CHR7:13379188	SSF x Near_LoA	-8,894	0,041	0,283
CHR7	13379189	CHR7:13379189	SSF x Near_LoA	-8,294	0,023	0,285
CHR7	13379210	CHR7:13379210	SSF x Near_LoA	-9,921	0,030	0,291
CHR7	13379236	CHR7:13379236	SSF x Near_LoA	-7,437	0,099	0,286
CHR7	13379241	CHR7:13379241	SSF x Near_LoA	-8,509	0,015	0,291
CHR7	13379265	CHR7:13379265	SSF x Near_LoA	-5,582	0,155	0,286
CHR7	13379313	CHR7:13379313	SSF x Near_LoA	-8,211	0,061	0,283
CHR7	13379369	CHR7:13379369	SSF x Near_LoA	-9,506	0,099	0,271
CHR7	13379370	CHR7:13379370	SSF x Near_LoA	-7,785	0,083	0,297
CHR7	13388061	CHR7:13388061	SSF x Near_LoA	-7,354	-0,115	0,282
CHR7	13388082	CHR7:13388082	SSF x Near_LoA	-8,838	-0,105	0,279
CHR7	13388148	CHR7:13388148	SSF x Near_LoA	-7,247	-0,129	0,278
CHR7	13389331	CHR7:13389331	SSF x Near_LoA	-9,622	0,025	0,297
CHR7	13389385	CHR7:13389385	SSF x Near_LoA	-4,687	-0,028	0,301
CHR7	13389407	CHR7:13389407	SSF x Near_LoA	-8,599	0,048	0,293
CHR7	13389423	CHR7:13389423	SSF x Near_LoA	-5,675	0,053	0,282
CHR7	13389515	CHR7:13389515	SSF x Near_LoA	-6,477	-0,137	0,293
CHR7	13393567	CHR7:13393567	SSF x Near_LoA	1,404	-0,287	0,270
CHR7	13393587	CHR7:13393587	SSF x Near_LoA	-8,231	-0,057	0,289
CHR7	13393638	CHR7:13393638	SSF x Near_LoA	-6,197	-0,130	0,285
CHR7	13407501	CHR7:13407501	SSF x Near_LoA	-10,338	-0,004	0,289
CHR7	13407606	CHR7:13407606	SSF x Near_LoA	-10,122	0,015	0,292
CHR7	13407736	CHR7:13407736	SSF x Near_LoA	-9,371	0,003	0,291
CHR7	13409183	CHR7:13409183	SSF x Near_LoA	-6,171	-0,194	0,274
CHR7	13409190	CHR7:13409190	SSF x Near_LoA	-6,534	-0,040	0,290
CHR7	1341840	CHR7:1341840	SSF x Near_LoA	-10,081	-0,053	0,287
CHR7	1341879	CHR7:1341879	SSF x Near_LoA	-8,076	-0,136	0,276
CHR7	1341891	CHR7:1341891	SSF x Near_LoA	-10,258	0,034	0,293
CHR7	1341928	CHR7:1341928	SSF x Near_LoA	-9,121	-0,181	0,275
CHR7	1341929	CHR7:1341929	SSF x Near_LoA	-6,807	-0,166	0,273
CHR7	1343211	CHR7:1343211	SSF x Near_LoA	-4,347	0,229	0,286
CHR7	13446669	CHR7:13446669	SSF x Near_LoA	-6,736	-0,044	0,292
CHR7	13446700	CHR7:13446700	SSF x Near_LoA	-8,442	-0,012	0,294
CHR7	13446767	CHR7:13446767	SSF x Near_LoA	-7,236	-0,094	0,281
CHR7	13446869	CHR7:13446869	SSF x Near_LoA	-8,784	0,001	0,300
CHR7	13471813	CHR7:13471813	SSF x Near_LoA	-8,026	0,081	0,285
CHR7	13471815	CHR7:13471815	SSF x Near_LoA	-8,788	-0,015	0,291
CHR7	13471891	CHR7:13471891	SSF x Near_LoA	-10,155	-0,045	0,300

CHR7	13471912	CHR7:13471912	SSF x Near_LoA	-8,388	-0,011	0,287
CHR7	13472054	CHR7:13472054	SSF x Near_LoA	-7,673	0,038	0,287
CHR7	13473639	CHR7:13473639	SSF x Near_LoA	-8,845	-0,149	0,291
CHR7	13473663	CHR7:13473663	SSF x Near_LoA	-6,108	-0,173	0,276
CHR7	13473671	CHR7:13473671	SSF x Near_LoA	-8,049	-0,145	0,290
CHR7	13473710	CHR7:13473710	SSF x Near_LoA	-10,165	0,073	0,296
CHR7	13473740	CHR7:13473740	SSF x Near_LoA	-7,838	0,003	0,282
CHR7	13491854	CHR7:13491854	SSF x Near_LoA	-9,462	-0,015	0,294
CHR7	13492081	CHR7:13492081	SSF x Near_LoA	-5,261	0,184	0,290
CHR7	13492107	CHR7:13492107	SSF x Near_LoA	-1,568	0,146	0,282
CHR7	13492136	CHR7:13492136	SSF x Near_LoA	-5,445	0,168	0,278
CHR7	13497943	CHR7:13497943	SSF x Near_LoA	-3,442	-0,242	0,261
CHR7	13505887	CHR7:13505887	SSF x Near_LoA	-6,829	0,124	0,290
CHR7	13505912	CHR7:13505912	SSF x Near_LoA	-6,592	0,160	0,291
CHR7	13505957	CHR7:13505957	SSF x Near_LoA	-7,948	0,052	0,290
CHR7	13506024	CHR7:13506024	SSF x Near_LoA	-10,767	0,054	0,278
CHR7	13506255	CHR7:13506255	SSF x Near_LoA	-6,764	-0,034	0,296
CHR7	13520781	CHR7:13520781	SSF x Near_LoA	-7,209	0,080	0,283
CHR7	13520835	CHR7:13520835	SSF x Near_LoA	-7,586	0,021	0,285
CHR7	13520881	CHR7:13520881	SSF x Near_LoA	1,624	-0,083	0,278
CHR7	13520910	CHR7:13520910	SSF x Near_LoA	-6,292	0,015	0,283
CHR7	13521108	CHR7:13521108	SSF x Near_LoA	-8,067	-0,048	0,279
CHR7	13521900	CHR7:13521900	SSF x Near_LoA	-9,952	-0,086	0,277
CHR7	13527223	CHR7:13527223	SSF x Near_LoA	-10,869	0,054	0,285
CHR7	13527354	CHR7:13527354	SSF x Near_LoA	-9,239	0,087	0,270
CHR7	13527531	CHR7:13527531	SSF x Near_LoA	-7,569	0,010	0,295
CHR7	1353855	CHR7:1353855	SSF x Near_LoA	-8,014	0,002	0,298
CHR7	1353893	CHR7:1353893	SSF x Near_LoA	-5,892	0,086	0,274
CHR7	1354086	CHR7:1354086	SSF x Near_LoA	-6,946	0,107	0,273
CHR7	13576287	CHR7:13576287	SSF x Near_LoA	-6,932	0,093	0,283
CHR7	13576315	CHR7:13576315	SSF x Near_LoA	-9,017	-0,008	0,274
CHR7	13584015	CHR7:13584015	SSF x Near_LoA	-9,020	0,016	0,307
CHR7	13584388	CHR7:13584388	SSF x Near_LoA	-8,020	0,114	0,292
CHR7	13584431	CHR7:13584431	SSF x Near_LoA	-7,579	0,108	0,292
CHR7	13593857	CHR7:13593857	SSF x Near_LoA	-7,704	-0,003	0,302
CHR7	13594142	CHR7:13594142	SSF x Near_LoA	-3,625	-0,198	0,285
CHR7	13594227	CHR7:13594227	SSF x Near_LoA	-9,771	-0,035	0,283
CHR7	13597268	CHR7:13597268	SSF x Near_LoA	-10,056	0,106	0,297
CHR7	13597270	CHR7:13597270	SSF x Near_LoA	-10,045	-0,054	0,278
CHR7	13597308	CHR7:13597308	SSF x Near_LoA	-8,806	-0,054	0,283
CHR7	13597331	CHR7:13597331	SSF x Near_LoA	-8,092	-0,001	0,288
CHR7	13597391	CHR7:13597391	SSF x Near_LoA	-7,777	0,094	0,281
CHR7	13602555	CHR7:13602555	SSF x Near_LoA	-6,981	-0,006	0,297
CHR7	13602675	CHR7:13602675	SSF x Near_LoA	-5,184	0,204	0,277
CHR7	1361460	CHR7:1361460	SSF x Near_LoA	-6,486	0,045	0,287
CHR7	1361530	CHR7:1361530	SSF x Near_LoA	-8,446	-0,067	0,281
CHR7	13617696	CHR7:13617696	SSF x Near_LoA	-5,761	0,163	0,295
CHR7	13619825	CHR7:13619825	SSF x Near_LoA	-6,593	0,051	0,298
CHR7	13619899	CHR7:13619899	SSF x Near_LoA	-9,101	0,154	0,291
CHR7	13619936	CHR7:13619936	SSF x Near_LoA	-6,832	0,133	0,271
CHR7	13622812	CHR7:13622812	SSF x Near_LoA	-8,146	0,040	0,294
CHR7	13622866	CHR7:13622866	SSF x Near_LoA	2,076	0,247	0,266
CHR7	13622946	CHR7:13622946	SSF x Near_LoA	-10,893	-0,105	0,280

CHR7	13626410	CHR7:13626410	SSF x Near_LoA	-6,631	0,126	0,283
CHR7	13626444	CHR7:13626444	SSF x Near_LoA	-7,632	0,005	0,304
CHR7	13626526	CHR7:13626526	SSF x Near_LoA	-8,309	0,020	0,286
CHR7	13634748	CHR7:13634748	SSF x Near_LoA	-7,079	-0,084	0,294
CHR7	13634778	CHR7:13634778	SSF x Near_LoA	-7,513	-0,034	0,297
CHR7	13637627	CHR7:13637627	SSF x Near_LoA	-6,117	0,087	0,285
CHR7	13661850	CHR7:13661850	SSF x Near_LoA	-4,102	-0,126	0,285
CHR7	13661852	CHR7:13661852	SSF x Near_LoA	-7,544	-0,016	0,305
CHR7	13661905	CHR7:13661905	SSF x Near_LoA	-7,215	0,012	0,275
CHR7	13662021	CHR7:13662021	SSF x Near_LoA	-9,627	0,051	0,286
CHR7	13663968	CHR7:13663968	SSF x Near_LoA	-9,754	0,084	0,279
CHR7	13676444	CHR7:13676444	SSF x Near_LoA	-8,604	-0,100	0,277
CHR7	136771	CHR7:136771	SSF x Near_LoA	-8,006	-0,112	0,281
CHR7	13694195	CHR7:13694195	SSF x Near_LoA	-8,994	0,083	0,277
CHR7	13699586	CHR7:13699586	SSF x Near_LoA	-9,469	-0,007	0,288
CHR7	13699660	CHR7:13699660	SSF x Near_LoA	-6,479	-0,078	0,283
CHR7	13699669	CHR7:13699669	SSF x Near_LoA	-8,885	-0,004	0,285
CHR7	13707962	CHR7:13707962	SSF x Near_LoA	-7,740	-0,164	0,285
CHR7	13707971	CHR7:13707971	SSF x Near_LoA	-9,085	-0,030	0,289
CHR7	13707975	CHR7:13707975	SSF x Near_LoA	-8,400	0,052	0,266
CHR7	13708086	CHR7:13708086	SSF x Near_LoA	-6,704	0,194	0,270
CHR7	137081	CHR7:137081	SSF x Near_LoA	-10,184	-0,049	0,280
CHR7	13708104	CHR7:13708104	SSF x Near_LoA	-7,758	-0,086	0,290
CHR7	13708105	CHR7:13708105	SSF x Near_LoA	-6,162	-0,016	0,285
CHR7	13708123	CHR7:13708123	SSF x Near_LoA	-3,206	0,141	0,282
CHR7	13708129	CHR7:13708129	SSF x Near_LoA	-7,830	-0,106	0,283
CHR7	13708158	CHR7:13708158	SSF x Near_LoA	-5,423	-0,030	0,284
CHR7	1373291	CHR7:1373291	SSF x Near_LoA	-7,930	-0,127	0,293
CHR7	13733491	CHR7:13733491	SSF x Near_LoA	-2,971	-0,135	0,284
CHR7	13733504	CHR7:13733504	SSF x Near_LoA	-8,389	0,039	0,301
CHR7	1373353	CHR7:1373353	SSF x Near_LoA	-8,866	-0,040	0,280
CHR7	1373356	CHR7:1373356	SSF x Near_LoA	-8,374	0,020	0,269
CHR7	1373364	CHR7:1373364	SSF x Near_LoA	-9,991	0,043	0,290
CHR7	1373365	CHR7:1373365	SSF x Near_LoA	-7,462	0,075	0,285
CHR7	13733659	CHR7:13733659	SSF x Near_LoA	-10,069	-0,076	0,293
CHR7	13733679	CHR7:13733679	SSF x Near_LoA	-7,417	-0,037	0,281
CHR7	13733682	CHR7:13733682	SSF x Near_LoA	8,007	-0,011	0,282
CHR7	13733699	CHR7:13733699	SSF x Near_LoA	-9,908	0,108	0,280
CHR7	13733708	CHR7:13733708	SSF x Near_LoA	-7,201	-0,100	0,276
CHR7	13733721	CHR7:13733721	SSF x Near_LoA	-8,164	-0,084	0,297
CHR7	13733748	CHR7:13733748	SSF x Near_LoA	-5,664	-0,115	0,274
CHR7	1373419	CHR7:1373419	SSF x Near_LoA	-9,630	0,091	0,283
CHR7	13735566	CHR7:13735566	SSF x Near_LoA	-4,895	-0,164	0,295
CHR7	13735905	CHR7:13735905	SSF x Near_LoA	-8,746	0,063	0,283
CHR7	13740466	CHR7:13740466	SSF x Near_LoA	-3,048	0,179	0,281
CHR7	13751922	CHR7:13751922	SSF x Near_LoA	-8,448	0,065	0,280
CHR7	13751972	CHR7:13751972	SSF x Near_LoA	-9,884	-0,051	0,292
CHR7	13751984	CHR7:13751984	SSF x Near_LoA	-7,016	0,095	0,272
CHR7	13761256	CHR7:13761256	SSF x Near_LoA	-6,566	0,119	0,295
CHR7	13772235	CHR7:13772235	SSF x Near_LoA	-7,618	-0,056	0,283
CHR7	13772251	CHR7:13772251	SSF x Near_LoA	-8,930	0,033	0,301
CHR7	13772380	CHR7:13772380	SSF x Near_LoA	-8,743	-0,073	0,281
CHR7	1378970	CHR7:1378970	SSF x Near_LoA	-4,680	-0,113	0,283

CHR7	1379070	CHR7:1379070	SSF x Near_LoA	-9,993	-0,058	0,277
CHR7	1379271	CHR7:1379271	SSF x Near_LoA	-7,970	0,095	0,291
CHR7	13796218	CHR7:13796218	SSF x Near_LoA	-8,753	0,052	0,300
CHR7	13796231	CHR7:13796231	SSF x Near_LoA	-9,486	-0,024	0,278
CHR7	13796235	CHR7:13796235	SSF x Near_LoA	-6,928	-0,093	0,270
CHR7	13815735	CHR7:13815735	SSF x Near_LoA	-7,911	0,041	0,304
CHR7	13815965	CHR7:13815965	SSF x Near_LoA	-8,763	-0,112	0,280
CHR7	1382492	CHR7:1382492	SSF x Near_LoA	-3,466	0,238	0,268
CHR7	1382766	CHR7:1382766	SSF x Near_LoA	-7,867	-0,014	0,298
CHR7	1382767	CHR7:1382767	SSF x Near_LoA	-8,728	-0,031	0,292
CHR7	13844489	CHR7:13844489	SSF x Near_LoA	-7,251	-0,105	0,294
CHR7	13844525	CHR7:13844525	SSF x Near_LoA	-3,323	-0,173	0,284
CHR7	13844571	CHR7:13844571	SSF x Near_LoA	-8,319	-0,018	0,278
CHR7	13844594	CHR7:13844594	SSF x Near_LoA	-8,849	-0,054	0,279
CHR7	13844626	CHR7:13844626	SSF x Near_LoA	-8,130	0,099	0,272
CHR7	13844672	CHR7:13844672	SSF x Near_LoA	-10,319	-0,070	0,294
CHR7	13844877	CHR7:13844877	SSF x Near_LoA	-9,880	-0,017	0,297
CHR7	13863675	CHR7:13863675	SSF x Near_LoA	-7,918	0,045	0,284
CHR7	13863740	CHR7:13863740	SSF x Near_LoA	-9,948	-0,063	0,289
CHR7	13863801	CHR7:13863801	SSF x Near_LoA	-3,732	0,180	0,266
CHR7	13863887	CHR7:13863887	SSF x Near_LoA	-2,101	0,137	0,280
CHR7	13863895	CHR7:13863895	SSF x Near_LoA	-8,384	0,017	0,288
CHR7	13863906	CHR7:13863906	SSF x Near_LoA	-8,737	-0,019	0,278
CHR7	13876686	CHR7:13876686	SSF x Near_LoA	-7,370	-0,131	0,284
CHR7	13881616	CHR7:13881616	SSF x Near_LoA	-8,167	-0,001	0,287
CHR7	13883943	CHR7:13883943	SSF x Near_LoA	-7,453	0,054	0,288
CHR7	13887757	CHR7:13887757	SSF x Near_LoA	-9,765	0,018	0,295
CHR7	1390727	CHR7:1390727	SSF x Near_LoA	-4,585	-0,124	0,282
CHR7	1390802	CHR7:1390802	SSF x Near_LoA	-9,485	-0,015	0,283
CHR7	1391014	CHR7:1391014	SSF x Near_LoA	-11,366	0,000	0,273
CHR7	1391078	CHR7:1391078	SSF x Near_LoA	-10,497	0,027	0,279
CHR7	1391118	CHR7:1391118	SSF x Near_LoA	-7,986	-0,028	0,287
CHR7	1391137	CHR7:1391137	SSF x Near_LoA	-6,108	-0,027	0,276
CHR7	1391154	CHR7:1391154	SSF x Near_LoA	-7,894	-0,016	0,279
CHR7	13986217	CHR7:13986217	SSF x Near_LoA	-6,999	0,112	0,289
CHR7	13994447	CHR7:13994447	SSF x Near_LoA	-8,283	-0,102	0,289
CHR7	13995357	CHR7:13995357	SSF x Near_LoA	-7,696	0,037	0,287
CHR7	14010946	CHR7:14010946	SSF x Near_LoA	-7,270	-0,085	0,290
CHR7	14011084	CHR7:14011084	SSF x Near_LoA	-5,382	-0,168	0,279
CHR7	14011157	CHR7:14011157	SSF x Near_LoA	-8,936	-0,099	0,290
CHR7	14011193	CHR7:14011193	SSF x Near_LoA	-7,552	-0,124	0,294
CHR7	14011340	CHR7:14011340	SSF x Near_LoA	-5,836	-0,154	0,280
CHR7	1402070	CHR7:1402070	SSF x Near_LoA	-8,992	0,014	0,286
CHR7	14023640	CHR7:14023640	SSF x Near_LoA	-7,115	-0,019	0,304
CHR7	14023877	CHR7:14023877	SSF x Near_LoA	-7,751	-0,078	0,290
CHR7	14023901	CHR7:14023901	SSF x Near_LoA	-5,148	-0,025	0,285
CHR7	1402408	CHR7:1402408	SSF x Near_LoA	-8,395	0,005	0,288
CHR7	14037820	CHR7:14037820	SSF x Near_LoA	-4,738	0,123	0,289
CHR7	14041948	CHR7:14041948	SSF x Near_LoA	-9,184	-0,057	0,287
CHR7	14043923	CHR7:14043923	SSF x Near_LoA	-1,104	-0,247	0,271
CHR7	14043933	CHR7:14043933	SSF x Near_LoA	6,495	-0,237	0,269
CHR7	14044093	CHR7:14044093	SSF x Near_LoA	-7,687	-0,128	0,277
CHR7	14044148	CHR7:14044148	SSF x Near_LoA	-6,550	-0,128	0,284

CHR7	1405214	CHR7:1405214	SSF x Near_LoA	-7,304	0,003	0,296
CHR7	14054679	CHR7:14054679	SSF x Near_LoA	-7,854	0,040	0,272
CHR7	1405570	CHR7:1405570	SSF x Near_LoA	-8,504	0,006	0,287
CHR7	1405582	CHR7:1405582	SSF x Near_LoA	-9,650	-0,023	0,282
CHR7	14057064	CHR7:14057064	SSF x Near_LoA	-8,328	0,184	0,295
CHR7	14080988	CHR7:14080988	SSF x Near_LoA	-1,069	0,222	0,268
CHR7	14089353	CHR7:14089353	SSF x Near_LoA	0,496	0,182	0,279
CHR7	14089410	CHR7:14089410	SSF x Near_LoA	-9,063	-0,173	0,274
CHR7	14100965	CHR7:14100965	SSF x Near_LoA	-10,313	0,062	0,293
CHR7	14101076	CHR7:14101076	SSF x Near_LoA	-9,676	0,132	0,286
CHR7	14106241	CHR7:14106241	SSF x Near_LoA	-8,668	-0,102	0,295
CHR7	14122684	CHR7:14122684	SSF x Near_LoA	-4,965	0,105	0,286
CHR7	14122718	CHR7:14122718	SSF x Near_LoA	-8,275	0,075	0,279
CHR7	14122762	CHR7:14122762	SSF x Near_LoA	-10,622	-0,013	0,278
CHR7	14122794	CHR7:14122794	SSF x Near_LoA	-7,513	-0,166	0,293
CHR7	14122847	CHR7:14122847	SSF x Near_LoA	-7,130	0,052	0,287
CHR7	14122850	CHR7:14122850	SSF x Near_LoA	-7,021	0,027	0,286
CHR7	14125746	CHR7:14125746	SSF x Near_LoA	-9,615	-0,078	0,285
CHR7	14134333	CHR7:14134333	SSF x Near_LoA	-7,835	0,094	0,293
CHR7	14134340	CHR7:14134340	SSF x Near_LoA	-9,441	0,020	0,298
CHR7	14134405	CHR7:14134405	SSF x Near_LoA	-9,850	-0,046	0,281
CHR7	14134431	CHR7:14134431	SSF x Near_LoA	-7,150	-0,099	0,290
CHR7	14141680	CHR7:14141680	SSF x Near_LoA	-6,259	-0,087	0,290
CHR7	14141744	CHR7:14141744	SSF x Near_LoA	-8,815	-0,008	0,277
CHR7	14143604	CHR7:14143604	SSF x Near_LoA	-6,314	0,170	0,287
CHR7	14143629	CHR7:14143629	SSF x Near_LoA	-8,934	-0,069	0,291
CHR7	14143710	CHR7:14143710	SSF x Near_LoA	-2,950	0,199	0,277
CHR7	14143756	CHR7:14143756	SSF x Near_LoA	-8,332	-0,049	0,289
CHR7	14143760	CHR7:14143760	SSF x Near_LoA	-6,577	-0,069	0,272
CHR7	14174976	CHR7:14174976	SSF x Near_LoA	-7,413	0,122	0,276
CHR7	14174982	CHR7:14174982	SSF x Near_LoA	-8,099	0,126	0,280
CHR7	14174983	CHR7:14174983	SSF x Near_LoA	-8,918	0,107	0,276
CHR7	14174987	CHR7:14174987	SSF x Near_LoA	-7,274	0,130	0,279
CHR7	14175054	CHR7:14175054	SSF x Near_LoA	-6,765	0,146	0,281
CHR7	14175063	CHR7:14175063	SSF x Near_LoA	-6,876	0,149	0,274
CHR7	14175068	CHR7:14175068	SSF x Near_LoA	-6,789	0,086	0,269
CHR7	14175095	CHR7:14175095	SSF x Near_LoA	2,433	0,169	0,277
CHR7	14175127	CHR7:14175127	SSF x Near_LoA	-1,089	-0,143	0,276
CHR7	14175130	CHR7:14175130	SSF x Near_LoA	-4,541	-0,126	0,287
CHR7	14175167	CHR7:14175167	SSF x Near_LoA	-8,825	0,079	0,274
CHR7	14175168	CHR7:14175168	SSF x Near_LoA	-8,212	0,126	0,278
CHR7	14175227	CHR7:14175227	SSF x Near_LoA	-7,140	0,051	0,285
CHR7	14175293	CHR7:14175293	SSF x Near_LoA	-9,461	0,066	0,291
CHR7	14187330	CHR7:14187330	SSF x Near_LoA	-9,842	0,017	0,286
CHR7	14187446	CHR7:14187446	SSF x Near_LoA	-7,610	-0,129	0,288
CHR7	14189368	CHR7:14189368	SSF x Near_LoA	-6,568	0,024	0,305
CHR7	14189384	CHR7:14189384	SSF x Near_LoA	-4,170	-0,186	0,287
CHR7	14189453	CHR7:14189453	SSF x Near_LoA	-7,059	0,156	0,290
CHR7	14204863	CHR7:14204863	SSF x Near_LoA	-8,591	0,027	0,280
CHR7	14204884	CHR7:14204884	SSF x Near_LoA	-9,600	0,020	0,295
CHR7	14204941	CHR7:14204941	SSF x Near_LoA	-8,347	0,023	0,279
CHR7	14204955	CHR7:14204955	SSF x Near_LoA	-7,550	0,116	0,286
CHR7	1420898	CHR7:1420898	SSF x Near_LoA	-10,773	-0,057	0,275

CHR7	1421111	CHR7:1421111	SSF x Near_LoA	-9,815	0,125	0,290
CHR7	14225560	CHR7:14225560	SSF x Near_LoA	-7,233	-0,096	0,288
CHR7	14225565	CHR7:14225565	SSF x Near_LoA	-4,119	-0,193	0,285
CHR7	14225593	CHR7:14225593	SSF x Near_LoA	-7,116	-0,111	0,279
CHR7	14225603	CHR7:14225603	SSF x Near_LoA	-7,068	-0,140	0,276
CHR7	14225619	CHR7:14225619	SSF x Near_LoA	-8,292	-0,131	0,278
CHR7	14225631	CHR7:14225631	SSF x Near_LoA	-10,433	0,000	0,286
CHR7	14225633	CHR7:14225633	SSF x Near_LoA	-10,048	-0,041	0,280
CHR7	14225643	CHR7:14225643	SSF x Near_LoA	-9,452	-0,050	0,286
CHR7	14225655	CHR7:14225655	SSF x Near_LoA	-8,876	0,056	0,291
CHR7	14225657	CHR7:14225657	SSF x Near_LoA	-7,829	0,045	0,288
CHR7	14260044	CHR7:14260044	SSF x Near_LoA	-7,996	-0,064	0,290
CHR7	14260065	CHR7:14260065	SSF x Near_LoA	-4,633	0,139	0,274
CHR7	14260281	CHR7:14260281	SSF x Near_LoA	-6,971	0,137	0,266
CHR7	14263456	CHR7:14263456	SSF x Near_LoA	-9,257	-0,099	0,277
CHR7	14263486	CHR7:14263486	SSF x Near_LoA	-9,882	0,023	0,289
CHR7	14263559	CHR7:14263559	SSF x Near_LoA	-9,741	0,118	0,274
CHR7	14265270	CHR7:14265270	SSF x Near_LoA	-8,542	-0,107	0,277
CHR7	14265272	CHR7:14265272	SSF x Near_LoA	-7,275	-0,103	0,263
CHR7	14270016	CHR7:14270016	SSF x Near_LoA	-8,744	-0,062	0,274
CHR7	14270020	CHR7:14270020	SSF x Near_LoA	-2,408	-0,060	0,274
CHR7	14270107	CHR7:14270107	SSF x Near_LoA	-8,482	0,112	0,289
CHR7	14270109	CHR7:14270109	SSF x Near_LoA	-8,122	0,131	0,295
CHR7	14270217	CHR7:14270217	SSF x Near_LoA	-7,230	-0,019	0,303
CHR7	14270260	CHR7:14270260	SSF x Near_LoA	-7,064	0,038	0,288
CHR7	14288019	CHR7:14288019	SSF x Near_LoA	-9,083	0,072	0,282
CHR7	14290202	CHR7:14290202	SSF x Near_LoA	-7,189	-0,157	0,287
CHR7	14290204	CHR7:14290204	SSF x Near_LoA	-3,477	-0,228	0,265
CHR7	14303729	CHR7:14303729	SSF x Near_LoA	-9,701	0,088	0,302
CHR7	14303760	CHR7:14303760	SSF x Near_LoA	-8,853	0,001	0,285
CHR7	14303805	CHR7:14303805	SSF x Near_LoA	-9,278	-0,039	0,279
CHR7	14303929	CHR7:14303929	SSF x Near_LoA	-10,268	-0,111	0,275
CHR7	14303981	CHR7:14303981	SSF x Near_LoA	-9,843	-0,118	0,275
CHR7	14309534	CHR7:14309534	SSF x Near_LoA	-4,274	0,075	0,285
CHR7	14309575	CHR7:14309575	SSF x Near_LoA	4,313	-0,227	0,273
CHR7	14311086	CHR7:14311086	SSF x Near_LoA	-8,718	-0,070	0,285
CHR7	14311263	CHR7:14311263	SSF x Near_LoA	3,270	-0,277	0,252
CHR7	14311275	CHR7:14311275	SSF x Near_LoA	-7,396	-0,017	0,299
CHR7	14332858	CHR7:14332858	SSF x Near_LoA	-8,712	-0,058	0,298
CHR7	14332887	CHR7:14332887	SSF x Near_LoA	-7,468	0,129	0,257
CHR7	14332938	CHR7:14332938	SSF x Near_LoA	-7,846	0,069	0,275
CHR7	14343767	CHR7:14343767	SSF x Near_LoA	-8,130	0,096	0,277
CHR7	14343808	CHR7:14343808	SSF x Near_LoA	-7,234	-0,034	0,291
CHR7	14343848	CHR7:14343848	SSF x Near_LoA	-6,807	0,029	0,285
CHR7	14343941	CHR7:14343941	SSF x Near_LoA	-8,184	0,053	0,283
CHR7	1434882	CHR7:1434882	SSF x Near_LoA	-6,202	0,127	0,279
CHR7	14352123	CHR7:14352123	SSF x Near_LoA	-6,152	-0,189	0,276
CHR7	14354870	CHR7:14354870	SSF x Near_LoA	-4,190	-0,153	0,271
CHR7	14354919	CHR7:14354919	SSF x Near_LoA	-3,455	0,162	0,286
CHR7	14367814	CHR7:14367814	SSF x Near_LoA	-9,840	0,005	0,294
CHR7	14367900	CHR7:14367900	SSF x Near_LoA	-7,303	-0,097	0,276
CHR7	14367903	CHR7:14367903	SSF x Near_LoA	-7,118	-0,115	0,268
CHR7	14367918	CHR7:14367918	SSF x Near_LoA	-7,362	0,026	0,293

CHR7	14368004	CHR7:14368004	SSF x Near_LoA	-10,373	-0,003	0,292
CHR7	14368080	CHR7:14368080	SSF x Near_LoA	-8,104	0,119	0,283
CHR7	14374623	CHR7:14374623	SSF x Near_LoA	-8,332	0,109	0,284
CHR7	14374840	CHR7:14374840	SSF x Near_LoA	-7,679	0,076	0,289
CHR7	14392120	CHR7:14392120	SSF x Near_LoA	-9,624	-0,081	0,284
CHR7	14392145	CHR7:14392145	SSF x Near_LoA	2,196	-0,146	0,264
CHR7	14392147	CHR7:14392147	SSF x Near_LoA	-8,472	0,064	0,282
CHR7	14392286	CHR7:14392286	SSF x Near_LoA	-10,866	0,028	0,270
CHR7	14392290	CHR7:14392290	SSF x Near_LoA	-6,963	-0,116	0,275
CHR7	14392371	CHR7:14392371	SSF x Near_LoA	-5,935	-0,179	0,286
CHR7	14430478	CHR7:14430478	SSF x Near_LoA	-6,957	0,114	0,284
CHR7	14430488	CHR7:14430488	SSF x Near_LoA	-8,002	0,010	0,285
CHR7	14443719	CHR7:14443719	SSF x Near_LoA	-7,152	0,065	0,274
CHR7	14443786	CHR7:14443786	SSF x Near_LoA	-6,622	-0,138	0,293
CHR7	1445194	CHR7:1445194	SSF x Near_LoA	-9,521	0,111	0,271
CHR7	14456485	CHR7:14456485	SSF x Near_LoA	-9,801	-0,014	0,284
CHR7	14472878	CHR7:14472878	SSF x Near_LoA	-9,262	0,080	0,278
CHR7	14473506	CHR7:14473506	SSF x Near_LoA	-10,035	-0,023	0,281
CHR7	14473511	CHR7:14473511	SSF x Near_LoA	-9,375	-0,091	0,260
CHR7	14502282	CHR7:14502282	SSF x Near_LoA	-8,119	-0,064	0,296
CHR7	14502652	CHR7:14502652	SSF x Near_LoA	-8,389	0,049	0,289
CHR7	14524067	CHR7:14524067	SSF x Near_LoA	-9,748	-0,107	0,289
CHR7	14527565	CHR7:14527565	SSF x Near_LoA	-6,014	-0,181	0,281
CHR7	14527608	CHR7:14527608	SSF x Near_LoA	-7,269	-0,037	0,284
CHR7	14543272	CHR7:14543272	SSF x Near_LoA	-9,233	-0,015	0,273
CHR7	14543438	CHR7:14543438	SSF x Near_LoA	-6,569	-0,160	0,254
CHR7	14548990	CHR7:14548990	SSF x Near_LoA	-7,803	0,097	0,280
CHR7	14549008	CHR7:14549008	SSF x Near_LoA	-10,115	0,024	0,286
CHR7	14549057	CHR7:14549057	SSF x Near_LoA	-7,639	0,062	0,278
CHR7	14549128	CHR7:14549128	SSF x Near_LoA	-5,504	0,163	0,285
CHR7	14549129	CHR7:14549129	SSF x Near_LoA	-8,024	-0,135	0,280
CHR7	14560548	CHR7:14560548	SSF x Near_LoA	-5,492	-0,154	0,290
CHR7	14575442	CHR7:14575442	SSF x Near_LoA	-6,942	-0,146	0,286
CHR7	14575474	CHR7:14575474	SSF x Near_LoA	-7,147	-0,026	0,270
CHR7	14575490	CHR7:14575490	SSF x Near_LoA	-7,060	0,073	0,276
CHR7	14576984	CHR7:14576984	SSF x Near_LoA	-8,700	-0,041	0,291
CHR7	14582800	CHR7:14582800	SSF x Near_LoA	-8,224	-0,052	0,289
CHR7	14582936	CHR7:14582936	SSF x Near_LoA	-9,750	-0,066	0,275
CHR7	14582981	CHR7:14582981	SSF x Near_LoA	-8,111	0,002	0,292
CHR7	14582989	CHR7:14582989	SSF x Near_LoA	-7,296	0,032	0,296
CHR7	14583021	CHR7:14583021	SSF x Near_LoA	-8,248	-0,045	0,275
CHR7	14583048	CHR7:14583048	SSF x Near_LoA	-9,305	0,072	0,292
CHR7	14583112	CHR7:14583112	SSF x Near_LoA	-6,214	0,155	0,264
CHR7	14583121	CHR7:14583121	SSF x Near_LoA	-9,990	-0,060	0,285
CHR7	14583163	CHR7:14583163	SSF x Near_LoA	-7,956	-0,062	0,293
CHR7	14589089	CHR7:14589089	SSF x Near_LoA	-10,075	-0,046	0,289
CHR7	14595369	CHR7:14595369	SSF x Near_LoA	-6,134	-0,120	0,298
CHR7	14595410	CHR7:14595410	SSF x Near_LoA	-6,080	-0,211	0,276
CHR7	14595448	CHR7:14595448	SSF x Near_LoA	-6,443	-0,097	0,277
CHR7	14595465	CHR7:14595465	SSF x Near_LoA	-6,104	-0,136	0,266
CHR7	14595490	CHR7:14595490	SSF x Near_LoA	-6,426	-0,029	0,293
CHR7	14595578	CHR7:14595578	SSF x Near_LoA	-6,685	-0,073	0,287
CHR7	14610883	CHR7:14610883	SSF x Near_LoA	-10,491	-0,004	0,294

CHR7	14611025	CHR7:14611025	SSF x Near_LoA	-7,726	-0,075	0,286
CHR7	14634653	CHR7:14634653	SSF x Near_LoA	-5,883	0,167	0,291
CHR7	14634674	CHR7:14634674	SSF x Near_LoA	-2,931	-0,070	0,289
CHR7	14634680	CHR7:14634680	SSF x Near_LoA	-6,621	-0,116	0,294
CHR7	14634732	CHR7:14634732	SSF x Near_LoA	-7,850	0,131	0,285
CHR7	14634838	CHR7:14634838	SSF x Near_LoA	-7,665	0,099	0,264
CHR7	14634848	CHR7:14634848	SSF x Near_LoA	-6,477	-0,101	0,272
CHR7	14641819	CHR7:14641819	SSF x Near_LoA	-5,326	-0,174	0,294
CHR7	14641987	CHR7:14641987	SSF x Near_LoA	-6,120	0,005	0,298
CHR7	14645453	CHR7:14645453	SSF x Near_LoA	-9,758	0,026	0,283
CHR7	14645572	CHR7:14645572	SSF x Near_LoA	-8,251	0,012	0,295
CHR7	14645679	CHR7:14645679	SSF x Near_LoA	-9,856	-0,060	0,279
CHR7	14654200	CHR7:14654200	SSF x Near_LoA	-7,591	0,078	0,289
CHR7	14654255	CHR7:14654255	SSF x Near_LoA	-9,259	-0,013	0,293
CHR7	14660649	CHR7:14660649	SSF x Near_LoA	-9,240	0,120	0,283
CHR7	14662574	CHR7:14662574	SSF x Near_LoA	-9,182	-0,013	0,292
CHR7	14663976	CHR7:14663976	SSF x Near_LoA	-2,262	0,057	0,284
CHR7	14664119	CHR7:14664119	SSF x Near_LoA	-5,553	-0,187	0,272
CHR7	14664132	CHR7:14664132	SSF x Near_LoA	-7,275	-0,208	0,280
CHR7	14664172	CHR7:14664172	SSF x Near_LoA	-6,590	-0,112	0,281
CHR7	14669875	CHR7:14669875	SSF x Near_LoA	-9,263	0,110	0,289
CHR7	14669903	CHR7:14669903	SSF x Near_LoA	-6,167	-0,147	0,292
CHR7	14674243	CHR7:14674243	SSF x Near_LoA	-7,603	0,043	0,278
CHR7	14674391	CHR7:14674391	SSF x Near_LoA	-9,742	0,078	0,289
CHR7	14682805	CHR7:14682805	SSF x Near_LoA	-8,333	0,123	0,287
CHR7	14682850	CHR7:14682850	SSF x Near_LoA	-8,088	0,164	0,271
CHR7	14690721	CHR7:14690721	SSF x Near_LoA	-10,067	0,084	0,270
CHR7	14693527	CHR7:14693527	SSF x Near_LoA	-6,999	0,082	0,279
CHR7	14693609	CHR7:14693609	SSF x Near_LoA	-7,181	0,140	0,271
CHR7	14693770	CHR7:14693770	SSF x Near_LoA	-7,119	-0,099	0,283
CHR7	14693786	CHR7:14693786	SSF x Near_LoA	-8,301	-0,018	0,291
CHR7	14693847	CHR7:14693847	SSF x Near_LoA	-9,360	0,002	0,267
CHR7	14693930	CHR7:14693930	SSF x Near_LoA	-6,469	0,134	0,293
CHR7	14701804	CHR7:14701804	SSF x Near_LoA	-7,221	-0,106	0,271
CHR7	14702015	CHR7:14702015	SSF x Near_LoA	-7,653	0,055	0,296
CHR7	14706274	CHR7:14706274	SSF x Near_LoA	-7,174	0,053	0,295
CHR7	14706290	CHR7:14706290	SSF x Near_LoA	-6,169	0,121	0,286
CHR7	14706404	CHR7:14706404	SSF x Near_LoA	-6,424	0,146	0,282
CHR7	14706454	CHR7:14706454	SSF x Near_LoA	-7,007	-0,097	0,286
CHR7	14716784	CHR7:14716784	SSF x Near_LoA	-5,734	0,275	0,270
CHR7	14716789	CHR7:14716789	SSF x Near_LoA	-10,184	-0,122	0,276
CHR7	14741211	CHR7:14741211	SSF x Near_LoA	-9,879	-0,025	0,286
CHR7	14741300	CHR7:14741300	SSF x Near_LoA	-10,452	-0,068	0,276
CHR7	14741372	CHR7:14741372	SSF x Near_LoA	-7,081	-0,035	0,273
CHR7	14741456	CHR7:14741456	SSF x Near_LoA	-9,276	0,029	0,280
CHR7	14741489	CHR7:14741489	SSF x Near_LoA	-8,203	0,048	0,303
CHR7	14776515	CHR7:14776515	SSF x Near_LoA	-8,322	-0,103	0,277
CHR7	14776565	CHR7:14776565	SSF x Near_LoA	-6,748	0,027	0,293
CHR7	14776656	CHR7:14776656	SSF x Near_LoA	-7,341	-0,013	0,296
CHR7	14776665	CHR7:14776665	SSF x Near_LoA	-8,554	-0,030	0,280
CHR7	14776678	CHR7:14776678	SSF x Near_LoA	-9,946	-0,077	0,288
CHR7	14776768	CHR7:14776768	SSF x Near_LoA	-7,647	0,066	0,279
CHR7	14776772	CHR7:14776772	SSF x Near_LoA	-5,736	0,074	0,269

CHR7	14776775	CHR7:14776775	SSF x Near_LoA	-7,104	0,084	0,285
CHR7	14776866	CHR7:14776866	SSF x Near_LoA	-8,479	0,073	0,276
CHR7	14784408	CHR7:14784408	SSF x Near_LoA	-6,728	-0,149	0,285
CHR7	14784588	CHR7:14784588	SSF x Near_LoA	-3,561	0,181	0,276
CHR7	14784604	CHR7:14784604	SSF x Near_LoA	-4,943	0,152	0,273
CHR7	14784606	CHR7:14784606	SSF x Near_LoA	-5,216	0,170	0,273
CHR7	14784607	CHR7:14784607	SSF x Near_LoA	-5,297	0,139	0,298
CHR7	14784616	CHR7:14784616	SSF x Near_LoA	-9,384	-0,148	0,274
CHR7	14784617	CHR7:14784617	SSF x Near_LoA	-5,509	0,076	0,297
CHR7	14784622	CHR7:14784622	SSF x Near_LoA	-4,711	0,145	0,278
CHR7	14784640	CHR7:14784640	SSF x Near_LoA	-8,235	-0,150	0,279
CHR7	14784651	CHR7:14784651	SSF x Near_LoA	-6,159	-0,103	0,289
CHR7	14784697	CHR7:14784697	SSF x Near_LoA	-5,237	-0,147	0,295
CHR7	14784709	CHR7:14784709	SSF x Near_LoA	-5,879	-0,195	0,284
CHR7	14800058	CHR7:14800058	SSF x Near_LoA	-8,176	-0,089	0,264
CHR7	14800060	CHR7:14800060	SSF x Near_LoA	-6,290	-0,067	0,266
CHR7	14811880	CHR7:14811880	SSF x Near_LoA	-10,736	0,038	0,270
CHR7	14811883	CHR7:14811883	SSF x Near_LoA	-8,485	-0,106	0,282
CHR7	14811954	CHR7:14811954	SSF x Near_LoA	-5,442	-0,037	0,302
CHR7	14811982	CHR7:14811982	SSF x Near_LoA	-5,553	0,222	0,276
CHR7	14824616	CHR7:14824616	SSF x Near_LoA	-8,340	0,059	0,273
CHR7	14830362	CHR7:14830362	SSF x Near_LoA	-8,686	0,080	0,289
CHR7	14830437	CHR7:14830437	SSF x Near_LoA	-5,871	-0,156	0,262
CHR7	14830458	CHR7:14830458	SSF x Near_LoA	-8,253	-0,087	0,289
CHR7	14831006	CHR7:14831006	SSF x Near_LoA	-10,706	0,016	0,287
CHR7	14831041	CHR7:14831041	SSF x Near_LoA	-9,960	0,002	0,295
CHR7	1487638	CHR7:1487638	SSF x Near_LoA	-10,102	-0,043	0,285
CHR7	1487819	CHR7:1487819	SSF x Near_LoA	-4,606	-0,137	0,293
CHR7	14906457	CHR7:14906457	SSF x Near_LoA	-6,619	0,042	0,291
CHR7	14923019	CHR7:14923019	SSF x Near_LoA	-6,771	0,099	0,288
CHR7	14944054	CHR7:14944054	SSF x Near_LoA	-7,985	-0,061	0,279
CHR7	14944079	CHR7:14944079	SSF x Near_LoA	-6,831	-0,089	0,284
CHR7	14944281	CHR7:14944281	SSF x Near_LoA	-10,443	0,014	0,285
CHR7	14944297	CHR7:14944297	SSF x Near_LoA	-9,294	-0,053	0,286
CHR7	14960705	CHR7:14960705	SSF x Near_LoA	-7,036	-0,082	0,296
CHR7	14960717	CHR7:14960717	SSF x Near_LoA	-7,408	0,115	0,283
CHR7	14962594	CHR7:14962594	SSF x Near_LoA	-8,054	0,017	0,278
CHR7	14962596	CHR7:14962596	SSF x Near_LoA	-9,113	-0,095	0,266
CHR7	14962647	CHR7:14962647	SSF x Near_LoA	-8,052	-0,078	0,289
CHR7	14962722	CHR7:14962722	SSF x Near_LoA	-1,422	0,129	0,259
CHR7	14962789	CHR7:14962789	SSF x Near_LoA	-4,677	0,110	0,287
CHR7	14962793	CHR7:14962793	SSF x Near_LoA	-4,971	0,126	0,276
CHR7	14962794	CHR7:14962794	SSF x Near_LoA	-4,591	0,158	0,269
CHR7	14972932	CHR7:14972932	SSF x Near_LoA	-10,007	-0,034	0,296
CHR7	14972963	CHR7:14972963	SSF x Near_LoA	-7,465	-0,126	0,300
CHR7	14976026	CHR7:14976026	SSF x Near_LoA	-6,962	0,135	0,276
CHR7	14976049	CHR7:14976049	SSF x Near_LoA	-9,211	-0,080	0,297
CHR7	14976077	CHR7:14976077	SSF x Near_LoA	-9,146	-0,091	0,299
CHR7	14976388	CHR7:14976388	SSF x Near_LoA	-7,269	0,019	0,290
CHR7	14983790	CHR7:14983790	SSF x Near_LoA	-8,939	-0,060	0,297
CHR7	14983814	CHR7:14983814	SSF x Near_LoA	-9,844	0,019	0,283
CHR7	14983821	CHR7:14983821	SSF x Near_LoA	-10,857	0,014	0,288
CHR7	14986062	CHR7:14986062	SSF x Near_LoA	-8,101	0,119	0,283

CHR7	14986085	CHR7:14986085	SSF x Near_LoA	-7,887	-0,002	0,289
CHR7	14986143	CHR7:14986143	SSF x Near_LoA	-7,654	-0,016	0,283
CHR7	14986148	CHR7:14986148	SSF x Near_LoA	-7,559	-0,076	0,281
CHR7	14986170	CHR7:14986170	SSF x Near_LoA	-7,941	0,139	0,278
CHR7	14986181	CHR7:14986181	SSF x Near_LoA	-3,753	-0,221	0,274
CHR7	14993459	CHR7:14993459	SSF x Near_LoA	-8,662	-0,043	0,287
CHR7	14993467	CHR7:14993467	SSF x Near_LoA	-8,151	-0,032	0,290
CHR7	14993471	CHR7:14993471	SSF x Near_LoA	-8,351	0,159	0,279
CHR7	14993475	CHR7:14993475	SSF x Near_LoA	-9,424	-0,006	0,299
CHR7	14993492	CHR7:14993492	SSF x Near_LoA	-9,364	0,149	0,274
CHR7	14993497	CHR7:14993497	SSF x Near_LoA	-7,499	-0,088	0,295
CHR7	14993499	CHR7:14993499	SSF x Near_LoA	-7,872	-0,068	0,294
CHR7	14993509	CHR7:14993509	SSF x Near_LoA	-8,739	-0,057	0,284
CHR7	1501082	CHR7:1501082	SSF x Near_LoA	-7,234	0,007	0,276
CHR7	1501678	CHR7:1501678	SSF x Near_LoA	-7,563	0,059	0,287
CHR7	1501702	CHR7:1501702	SSF x Near_LoA	-7,305	0,133	0,273
CHR7	1501817	CHR7:1501817	SSF x Near_LoA	-7,500	0,061	0,296
CHR7	1501872	CHR7:1501872	SSF x Near_LoA	-7,059	0,089	0,291
CHR7	1501937	CHR7:1501937	SSF x Near_LoA	-7,610	0,048	0,292
CHR7	15052997	CHR7:15052997	SSF x Near_LoA	-6,889	0,096	0,287
CHR7	1508576	CHR7:1508576	SSF x Near_LoA	-9,071	-0,017	0,292
CHR7	15109298	CHR7:15109298	SSF x Near_LoA	-7,165	-0,032	0,286
CHR7	15109358	CHR7:15109358	SSF x Near_LoA	-3,373	-0,128	0,284
CHR7	15109384	CHR7:15109384	SSF x Near_LoA	-7,564	-0,050	0,269
CHR7	15109422	CHR7:15109422	SSF x Near_LoA	-7,508	0,147	0,283
CHR7	15165063	CHR7:15165063	SSF x Near_LoA	-7,383	0,138	0,280
CHR7	15165261	CHR7:15165261	SSF x Near_LoA	-8,216	-0,117	0,270
CHR7	15169933	CHR7:15169933	SSF x Near_LoA	-7,768	-0,217	0,273
CHR7	15181641	CHR7:15181641	SSF x Near_LoA	-8,943	-0,011	0,301
CHR7	15181807	CHR7:15181807	SSF x Near_LoA	-8,506	0,070	0,261
CHR7	15183461	CHR7:15183461	SSF x Near_LoA	-5,892	0,201	0,268
CHR7	15183589	CHR7:15183589	SSF x Near_LoA	-1,508	-0,293	0,257
CHR7	15187701	CHR7:15187701	SSF x Near_LoA	-0,502	0,238	0,281
CHR7	15187877	CHR7:15187877	SSF x Near_LoA	-9,926	0,087	0,287
CHR7	15197531	CHR7:15197531	SSF x Near_LoA	-6,119	-0,007	0,295
CHR7	15272286	CHR7:15272286	SSF x Near_LoA	-8,490	-0,026	0,302
CHR7	15275502	CHR7:15275502	SSF x Near_LoA	-7,375	0,211	0,271
CHR7	15299421	CHR7:15299421	SSF x Near_LoA	-10,571	-0,042	0,283
CHR7	15311434	CHR7:15311434	SSF x Near_LoA	-6,732	0,128	0,293
CHR7	15311571	CHR7:15311571	SSF x Near_LoA	-10,309	0,033	0,291
CHR7	15320871	CHR7:15320871	SSF x Near_LoA	-8,209	-0,045	0,292
CHR7	15323685	CHR7:15323685	SSF x Near_LoA	-8,139	-0,064	0,285
CHR7	15378872	CHR7:15378872	SSF x Near_LoA	-6,282	-0,167	0,280
CHR7	15378965	CHR7:15378965	SSF x Near_LoA	-8,531	0,148	0,289
CHR7	15378989	CHR7:15378989	SSF x Near_LoA	-4,505	0,151	0,291
CHR7	15378996	CHR7:15378996	SSF x Near_LoA	-8,631	-0,143	0,283
CHR7	15379104	CHR7:15379104	SSF x Near_LoA	-7,350	-0,059	0,282
CHR7	15381954	CHR7:15381954	SSF x Near_LoA	-9,051	-0,137	0,274
CHR7	1540831	CHR7:1540831	SSF x Near_LoA	-10,479	0,014	0,275
CHR7	1540835	CHR7:1540835	SSF x Near_LoA	-5,651	0,058	0,284
CHR7	1540988	CHR7:1540988	SSF x Near_LoA	-9,134	-0,081	0,285
CHR7	1541087	CHR7:1541087	SSF x Near_LoA	-9,707	-0,104	0,271
CHR7	1541180	CHR7:1541180	SSF x Near_LoA	-7,286	0,039	0,302

CHR7	15421311	CHR7:15421311	SSF x Near_LoA	-7,535	0,123	0,284
CHR7	15434839	CHR7:15434839	SSF x Near_LoA	-7,095	0,064	0,285
CHR7	15434869	CHR7:15434869	SSF x Near_LoA	-6,406	-0,125	0,297
CHR7	15434887	CHR7:15434887	SSF x Near_LoA	-7,959	0,032	0,279
CHR7	15436828	CHR7:15436828	SSF x Near_LoA	-8,775	-0,143	0,267
CHR7	15436908	CHR7:15436908	SSF x Near_LoA	-6,097	-0,108	0,270
CHR7	15436993	CHR7:15436993	SSF x Near_LoA	-6,203	-0,104	0,286
CHR7	15437095	CHR7:15437095	SSF x Near_LoA	-8,442	-0,042	0,276
CHR7	15438272	CHR7:15438272	SSF x Near_LoA	-5,780	0,169	0,268
CHR7	15438280	CHR7:15438280	SSF x Near_LoA	-6,973	-0,014	0,278
CHR7	15438288	CHR7:15438288	SSF x Near_LoA	-2,813	-0,123	0,304
CHR7	15438292	CHR7:15438292	SSF x Near_LoA	-6,573	-0,175	0,278
CHR7	15444967	CHR7:15444967	SSF x Near_LoA	-8,328	-0,131	0,279
CHR7	15444968	CHR7:15444968	SSF x Near_LoA	-10,305	-0,113	0,259
CHR7	15444992	CHR7:15444992	SSF x Near_LoA	-6,967	0,025	0,293
CHR7	15447263	CHR7:15447263	SSF x Near_LoA	-4,779	0,189	0,276
CHR7	15448883	CHR7:15448883	SSF x Near_LoA	-7,870	-0,010	0,297
CHR7	15448895	CHR7:15448895	SSF x Near_LoA	-7,509	0,023	0,299
CHR7	15449013	CHR7:15449013	SSF x Near_LoA	-8,049	-0,021	0,293
CHR7	15464783	CHR7:15464783	SSF x Near_LoA	-8,278	0,064	0,287
CHR7	15469752	CHR7:15469752	SSF x Near_LoA	-9,797	0,002	0,298
CHR7	15469968	CHR7:15469968	SSF x Near_LoA	-7,217	0,114	0,288
CHR7	15470082	CHR7:15470082	SSF x Near_LoA	-6,745	0,157	0,279
CHR7	15472648	CHR7:15472648	SSF x Near_LoA	-8,928	-0,032	0,295
CHR7	15472773	CHR7:15472773	SSF x Near_LoA	-7,325	0,210	0,288
CHR7	15472813	CHR7:15472813	SSF x Near_LoA	-6,115	0,035	0,294
CHR7	15472864	CHR7:15472864	SSF x Near_LoA	-9,782	0,082	0,288
CHR7	15484335	CHR7:15484335	SSF x Near_LoA	-9,194	0,088	0,298
CHR7	15484610	CHR7:15484610	SSF x Near_LoA	-9,829	-0,028	0,281
CHR7	15484617	CHR7:15484617	SSF x Near_LoA	-7,975	-0,033	0,298
CHR7	15484628	CHR7:15484628	SSF x Near_LoA	-7,732	-0,020	0,284
CHR7	15487084	CHR7:15487084	SSF x Near_LoA	-9,769	-0,062	0,286
CHR7	15489295	CHR7:15489295	SSF x Near_LoA	-9,414	0,105	0,270
CHR7	15489343	CHR7:15489343	SSF x Near_LoA	-8,169	0,134	0,282
CHR7	15489550	CHR7:15489550	SSF x Near_LoA	-5,099	0,067	0,273
CHR7	15489604	CHR7:15489604	SSF x Near_LoA	-8,022	0,118	0,284
CHR7	15489626	CHR7:15489626	SSF x Near_LoA	-8,306	-0,039	0,285
CHR7	15489630	CHR7:15489630	SSF x Near_LoA	-7,958	-0,015	0,279
CHR7	1552734	CHR7:1552734	SSF x Near_LoA	-7,854	-0,087	0,300
CHR7	1552806	CHR7:1552806	SSF x Near_LoA	-9,903	-0,052	0,298
CHR7	1552963	CHR7:1552963	SSF x Near_LoA	-2,148	-0,225	0,274
CHR7	15549439	CHR7:15549439	SSF x Near_LoA	-8,019	-0,041	0,296
CHR7	15549498	CHR7:15549498	SSF x Near_LoA	-8,012	-0,107	0,285
CHR7	15549551	CHR7:15549551	SSF x Near_LoA	-2,175	0,143	0,295
CHR7	15549571	CHR7:15549571	SSF x Near_LoA	-4,067	0,131	0,282
CHR7	15549576	CHR7:15549576	SSF x Near_LoA	-9,540	-0,017	0,280
CHR7	15549599	CHR7:15549599	SSF x Near_LoA	3,869	0,251	0,273
CHR7	15549609	CHR7:15549609	SSF x Near_LoA	-9,008	-0,075	0,293
CHR7	15568804	CHR7:15568804	SSF x Near_LoA	-7,613	-0,051	0,300
CHR7	15573178	CHR7:15573178	SSF x Near_LoA	-3,640	-0,250	0,269
CHR7	15573275	CHR7:15573275	SSF x Near_LoA	-7,617	-0,095	0,282
CHR7	15573289	CHR7:15573289	SSF x Near_LoA	-7,132	0,007	0,276
CHR7	15573423	CHR7:15573423	SSF x Near_LoA	-9,137	-0,017	0,286

CHR7	15588186	CHR7:15588186	SSF x Near_LoA	-6,489	-0,152	0,277
CHR7	15588208	CHR7:15588208	SSF x Near_LoA	-6,090	-0,161	0,271
CHR7	15615170	CHR7:15615170	SSF x Near_LoA	-6,419	-0,147	0,294
CHR7	15615346	CHR7:15615346	SSF x Near_LoA	-5,352	0,239	0,286
CHR7	15615360	CHR7:15615360	SSF x Near_LoA	-5,293	-0,221	0,280
CHR7	15615365	CHR7:15615365	SSF x Near_LoA	-6,769	-0,135	0,279
CHR7	15641456	CHR7:15641456	SSF x Near_LoA	-7,011	-0,157	0,280
CHR7	15648724	CHR7:15648724	SSF x Near_LoA	-8,124	-0,052	0,283
CHR7	15648860	CHR7:15648860	SSF x Near_LoA	-7,974	-0,038	0,297
CHR7	15648865	CHR7:15648865	SSF x Near_LoA	-8,212	0,020	0,278
CHR7	15657567	CHR7:15657567	SSF x Near_LoA	-8,076	-0,037	0,280
CHR7	15657665	CHR7:15657665	SSF x Near_LoA	-8,151	0,002	0,303
CHR7	15657730	CHR7:15657730	SSF x Near_LoA	-10,803	-0,039	0,283
CHR7	15686416	CHR7:15686416	SSF x Near_LoA	-6,640	0,136	0,272
CHR7	15686447	CHR7:15686447	SSF x Near_LoA	-8,397	0,191	0,282
CHR7	15686565	CHR7:15686565	SSF x Near_LoA	-3,651	0,280	0,271
CHR7	15686578	CHR7:15686578	SSF x Near_LoA	-9,382	-0,095	0,283
CHR7	15686594	CHR7:15686594	SSF x Near_LoA	-9,636	0,008	0,274
CHR7	15686606	CHR7:15686606	SSF x Near_LoA	-8,107	0,088	0,289
CHR7	15686607	CHR7:15686607	SSF x Near_LoA	-7,606	0,036	0,302
CHR7	15686613	CHR7:15686613	SSF x Near_LoA	-8,837	-0,081	0,277
CHR7	15686679	CHR7:15686679	SSF x Near_LoA	-0,748	-0,180	0,290
CHR7	15686692	CHR7:15686692	SSF x Near_LoA	-8,016	-0,021	0,278
CHR7	15686697	CHR7:15686697	SSF x Near_LoA	-8,948	0,003	0,279
CHR7	15699958	CHR7:15699958	SSF x Near_LoA	-8,073	-0,103	0,298
CHR7	15699959	CHR7:15699959	SSF x Near_LoA	-8,712	-0,096	0,300
CHR7	15700070	CHR7:15700070	SSF x Near_LoA	-8,398	0,005	0,280
CHR7	15700090	CHR7:15700090	SSF x Near_LoA	-7,537	0,096	0,285
CHR7	1570325	CHR7:1570325	SSF x Near_LoA	-6,292	0,015	0,297
CHR7	1570379	CHR7:1570379	SSF x Near_LoA	-7,071	-0,105	0,283
CHR7	1570410	CHR7:1570410	SSF x Near_LoA	-8,914	-0,063	0,282
CHR7	15705931	CHR7:15705931	SSF x Near_LoA	-9,118	-0,040	0,279
CHR7	15714748	CHR7:15714748	SSF x Near_LoA	-7,795	0,078	0,295
CHR7	15734812	CHR7:15734812	SSF x Near_LoA	-3,734	0,156	0,258
CHR7	15734814	CHR7:15734814	SSF x Near_LoA	-9,558	0,003	0,297
CHR7	15735066	CHR7:15735066	SSF x Near_LoA	-7,606	0,062	0,287
CHR7	15735097	CHR7:15735097	SSF x Near_LoA	-9,636	-0,051	0,283
CHR7	15735132	CHR7:15735132	SSF x Near_LoA	-6,190	-0,103	0,280
CHR7	15735157	CHR7:15735157	SSF x Near_LoA	-7,290	0,026	0,285
CHR7	15735196	CHR7:15735196	SSF x Near_LoA	-8,083	0,089	0,287
CHR7	15738912	CHR7:15738912	SSF x Near_LoA	-9,623	0,089	0,270
CHR7	15739060	CHR7:15739060	SSF x Near_LoA	-9,420	-0,071	0,297
CHR7	15739095	CHR7:15739095	SSF x Near_LoA	-9,313	0,055	0,296
CHR7	15739097	CHR7:15739097	SSF x Near_LoA	-8,661	0,012	0,294
CHR7	15739122	CHR7:15739122	SSF x Near_LoA	-7,553	-0,020	0,283
CHR7	15739213	CHR7:15739213	SSF x Near_LoA	-7,068	-0,078	0,290
CHR7	15739246	CHR7:15739246	SSF x Near_LoA	-5,962	0,049	0,299
CHR7	15739259	CHR7:15739259	SSF x Near_LoA	-8,642	-0,161	0,270
CHR7	1576893	CHR7:1576893	SSF x Near_LoA	-7,356	0,025	0,288
CHR7	1576925	CHR7:1576925	SSF x Near_LoA	-9,726	0,019	0,300
CHR7	1576927	CHR7:1576927	SSF x Near_LoA	-7,490	-0,070	0,287
CHR7	1576945	CHR7:1576945	SSF x Near_LoA	-9,520	-0,016	0,279
CHR7	1576987	CHR7:1576987	SSF x Near_LoA	-9,183	0,010	0,276

CHR7	1576998	CHR7:1576998	SSF x Near_LoA	-7,123	-0,047	0,288
CHR7	15771100	CHR7:15771100	SSF x Near_LoA	-6,884	0,055	0,289
CHR7	15771269	CHR7:15771269	SSF x Near_LoA	-7,408	0,118	0,294
CHR7	15771340	CHR7:15771340	SSF x Near_LoA	-8,155	0,003	0,296
CHR7	15771353	CHR7:15771353	SSF x Near_LoA	-10,010	-0,037	0,287
CHR7	15771390	CHR7:15771390	SSF x Near_LoA	-4,264	-0,182	0,281
CHR7	15796449	CHR7:15796449	SSF x Near_LoA	-9,965	-0,044	0,284
CHR7	15796499	CHR7:15796499	SSF x Near_LoA	-2,768	-0,114	0,295
CHR7	15796553	CHR7:15796553	SSF x Near_LoA	-9,981	-0,009	0,288
CHR7	15796589	CHR7:15796589	SSF x Near_LoA	-10,772	0,005	0,279
CHR7	15796601	CHR7:15796601	SSF x Near_LoA	-10,924	0,019	0,285
CHR7	15798283	CHR7:15798283	SSF x Near_LoA	-10,274	-0,016	0,281
CHR7	15798296	CHR7:15798296	SSF x Near_LoA	-7,402	0,060	0,293
CHR7	15798327	CHR7:15798327	SSF x Near_LoA	-7,936	0,102	0,285
CHR7	15807288	CHR7:15807288	SSF x Near_LoA	-8,418	0,113	0,281
CHR7	1581307	CHR7:1581307	SSF x Near_LoA	-7,679	-0,073	0,277
CHR7	1581333	CHR7:1581333	SSF x Near_LoA	-6,742	-0,087	0,281
CHR7	15818907	CHR7:15818907	SSF x Near_LoA	-10,749	-0,009	0,275
CHR7	15819722	CHR7:15819722	SSF x Near_LoA	-10,144	-0,019	0,294
CHR7	15819943	CHR7:15819943	SSF x Near_LoA	-6,742	0,036	0,295
CHR7	15819970	CHR7:15819970	SSF x Near_LoA	-8,916	-0,005	0,278
CHR7	15819972	CHR7:15819972	SSF x Near_LoA	-10,717	0,041	0,267
CHR7	15823091	CHR7:15823091	SSF x Near_LoA	-8,708	-0,052	0,295
CHR7	15830442	CHR7:15830442	SSF x Near_LoA	-9,745	-0,026	0,284
CHR7	15830454	CHR7:15830454	SSF x Near_LoA	-8,674	-0,043	0,281
CHR7	15830505	CHR7:15830505	SSF x Near_LoA	-9,412	0,022	0,290
CHR7	15830524	CHR7:15830524	SSF x Near_LoA	-7,111	0,197	0,279
CHR7	15840683	CHR7:15840683	SSF x Near_LoA	-7,311	0,052	0,304
CHR7	15841034	CHR7:15841034	SSF x Near_LoA	-7,477	-0,059	0,292
CHR7	15841067	CHR7:15841067	SSF x Near_LoA	-7,455	-0,079	0,300
CHR7	15841069	CHR7:15841069	SSF x Near_LoA	-9,198	-0,047	0,301
CHR7	15841072	CHR7:15841072	SSF x Near_LoA	-9,200	-0,041	0,304
CHR7	15841085	CHR7:15841085	SSF x Near_LoA	-9,463	-0,013	0,287
CHR7	15849862	CHR7:15849862	SSF x Near_LoA	-4,781	0,053	0,273
CHR7	15849973	CHR7:15849973	SSF x Near_LoA	-7,239	0,123	0,272
CHR7	15850047	CHR7:15850047	SSF x Near_LoA	-4,896	0,108	0,271
CHR7	15850060	CHR7:15850060	SSF x Near_LoA	-7,301	0,113	0,264
CHR7	15850065	CHR7:15850065	SSF x Near_LoA	-6,309	0,111	0,272
CHR7	15850084	CHR7:15850084	SSF x Near_LoA	-5,863	0,140	0,263
CHR7	15850116	CHR7:15850116	SSF x Near_LoA	-8,889	0,039	0,268
CHR7	15855845	CHR7:15855845	SSF x Near_LoA	-7,581	-0,132	0,285
CHR7	15855985	CHR7:15855985	SSF x Near_LoA	-6,929	-0,053	0,288
CHR7	15856004	CHR7:15856004	SSF x Near_LoA	2,799	0,191	0,275
CHR7	15863900	CHR7:15863900	SSF x Near_LoA	-8,824	-0,047	0,292
CHR7	15863957	CHR7:15863957	SSF x Near_LoA	-6,994	-0,047	0,292
CHR7	15864014	CHR7:15864014	SSF x Near_LoA	-7,770	-0,075	0,283
CHR7	15864104	CHR7:15864104	SSF x Near_LoA	-9,309	-0,056	0,297
CHR7	15864247	CHR7:15864247	SSF x Near_LoA	-7,403	-0,047	0,291
CHR7	15866579	CHR7:15866579	SSF x Near_LoA	-4,946	-0,203	0,274
CHR7	15866597	CHR7:15866597	SSF x Near_LoA	-8,660	-0,112	0,281
CHR7	15866616	CHR7:15866616	SSF x Near_LoA	-9,312	-0,127	0,296
CHR7	15866628	CHR7:15866628	SSF x Near_LoA	-8,428	-0,018	0,287
CHR7	15866866	CHR7:15866866	SSF x Near_LoA	-7,622	0,009	0,283

CHR7	1586914	CHR7:1586914	SSF x Near_LoA	-9,687	0,051	0,286
CHR7	15880985	CHR7:15880985	SSF x Near_LoA	-7,876	0,060	0,288
CHR7	15881026	CHR7:15881026	SSF x Near_LoA	-11,000	0,008	0,287
CHR7	15881098	CHR7:15881098	SSF x Near_LoA	-7,898	0,117	0,282
CHR7	15881230	CHR7:15881230	SSF x Near_LoA	-4,489	-0,105	0,287
CHR7	15881289	CHR7:15881289	SSF x Near_LoA	-7,449	-0,114	0,287
CHR7	15894210	CHR7:15894210	SSF x Near_LoA	-6,818	0,109	0,287
CHR7	15894371	CHR7:15894371	SSF x Near_LoA	-8,316	-0,040	0,274
CHR7	15894425	CHR7:15894425	SSF x Near_LoA	-7,541	0,082	0,274
CHR7	15894429	CHR7:15894429	SSF x Near_LoA	-6,723	-0,053	0,283
CHR7	15894440	CHR7:15894440	SSF x Near_LoA	-5,893	0,064	0,264
CHR7	15894588	CHR7:15894588	SSF x Near_LoA	-8,538	0,048	0,284
CHR7	15894592	CHR7:15894592	SSF x Near_LoA	-7,621	0,038	0,275
CHR7	15894597	CHR7:15894597	SSF x Near_LoA	-9,507	0,021	0,281
CHR7	15894649	CHR7:15894649	SSF x Near_LoA	-8,659	-0,053	0,277
CHR7	15927162	CHR7:15927162	SSF x Near_LoA	-6,309	0,115	0,290
CHR7	15927174	CHR7:15927174	SSF x Near_LoA	-6,985	0,016	0,288
CHR7	15937711	CHR7:15937711	SSF x Near_LoA	-6,964	-0,093	0,281
CHR7	15937758	CHR7:15937758	SSF x Near_LoA	-8,023	-0,023	0,292
CHR7	15937980	CHR7:15937980	SSF x Near_LoA	-6,498	0,067	0,298
CHR7	15937981	CHR7:15937981	SSF x Near_LoA	-7,092	0,097	0,289
CHR7	15944621	CHR7:15944621	SSF x Near_LoA	-2,876	0,232	0,261
CHR7	15944689	CHR7:15944689	SSF x Near_LoA	-10,503	0,031	0,299
CHR7	15944780	CHR7:15944780	SSF x Near_LoA	-6,628	-0,053	0,279
CHR7	15944897	CHR7:15944897	SSF x Near_LoA	-7,297	-0,012	0,289
CHR7	15944961	CHR7:15944961	SSF x Near_LoA	-9,745	0,080	0,274
CHR7	15952228	CHR7:15952228	SSF x Near_LoA	-8,140	0,077	0,277
CHR7	15960928	CHR7:15960928	SSF x Near_LoA	-8,469	-0,093	0,283
CHR7	15960930	CHR7:15960930	SSF x Near_LoA	-7,055	0,007	0,278
CHR7	15960962	CHR7:15960962	SSF x Near_LoA	-8,520	-0,102	0,295
CHR7	15961039	CHR7:15961039	SSF x Near_LoA	-9,288	-0,057	0,294
CHR7	15972225	CHR7:15972225	SSF x Near_LoA	-7,918	0,036	0,289
CHR7	15976366	CHR7:15976366	SSF x Near_LoA	-7,964	0,073	0,287
CHR7	15977721	CHR7:15977721	SSF x Near_LoA	-7,509	-0,041	0,285
CHR7	1598779	CHR7:1598779	SSF x Near_LoA	-6,233	-0,097	0,298
CHR7	1598826	CHR7:1598826	SSF x Near_LoA	-8,924	-0,042	0,302
CHR7	15988680	CHR7:15988680	SSF x Near_LoA	-4,817	-0,155	0,262
CHR7	15988829	CHR7:15988829	SSF x Near_LoA	-6,730	0,151	0,253
CHR7	15989000	CHR7:15989000	SSF x Near_LoA	-8,385	0,112	0,281
CHR7	15996261	CHR7:15996261	SSF x Near_LoA	-5,610	0,164	0,285
CHR7	15996440	CHR7:15996440	SSF x Near_LoA	-7,250	-0,116	0,290
CHR7	16024185	CHR7:16024185	SSF x Near_LoA	-5,842	0,014	0,295
CHR7	16024221	CHR7:16024221	SSF x Near_LoA	-6,799	0,082	0,289
CHR7	16024314	CHR7:16024314	SSF x Near_LoA	-6,175	0,211	0,274
CHR7	16024360	CHR7:16024360	SSF x Near_LoA	-9,825	-0,001	0,288
CHR7	16024534	CHR7:16024534	SSF x Near_LoA	-7,233	-0,091	0,288
CHR7	16024559	CHR7:16024559	SSF x Near_LoA	-7,282	-0,054	0,290
CHR7	16044390	CHR7:16044390	SSF x Near_LoA	-3,865	-0,096	0,284
CHR7	16044396	CHR7:16044396	SSF x Near_LoA	-9,838	-0,051	0,295
CHR7	16044472	CHR7:16044472	SSF x Near_LoA	-9,594	0,065	0,283
CHR7	16044476	CHR7:16044476	SSF x Near_LoA	-9,355	0,081	0,267
CHR7	16044738	CHR7:16044738	SSF x Near_LoA	-7,982	-0,107	0,295
CHR7	16044792	CHR7:16044792	SSF x Near_LoA	-7,527	-0,165	0,282

CHR7	16051462	CHR7:16051462	SSF x Near_LoA	-6,987	0,074	0,282
CHR7	16051498	CHR7:16051498	SSF x Near_LoA	-8,728	0,044	0,294
CHR7	16051512	CHR7:16051512	SSF x Near_LoA	-6,989	-0,151	0,262
CHR7	16051515	CHR7:16051515	SSF x Near_LoA	-5,940	0,007	0,280
CHR7	16051524	CHR7:16051524	SSF x Near_LoA	-4,878	-0,146	0,276
CHR7	16078839	CHR7:16078839	SSF x Near_LoA	-5,559	0,164	0,282
CHR7	16078854	CHR7:16078854	SSF x Near_LoA	-9,177	0,030	0,283
CHR7	16078891	CHR7:16078891	SSF x Near_LoA	-8,999	-0,048	0,286
CHR7	16078934	CHR7:16078934	SSF x Near_LoA	-9,374	-0,013	0,286
CHR7	16079174	CHR7:16079174	SSF x Near_LoA	-8,005	0,016	0,276
CHR7	16079196	CHR7:16079196	SSF x Near_LoA	-8,752	0,071	0,281
CHR7	16080073	CHR7:16080073	SSF x Near_LoA	-10,436	0,009	0,306
CHR7	16080105	CHR7:16080105	SSF x Near_LoA	-10,347	0,041	0,276
CHR7	16080195	CHR7:16080195	SSF x Near_LoA	-10,853	0,023	0,272
CHR7	16080244	CHR7:16080244	SSF x Near_LoA	-8,092	0,128	0,277
CHR7	16080252	CHR7:16080252	SSF x Near_LoA	-10,084	-0,002	0,282
CHR7	16080264	CHR7:16080264	SSF x Near_LoA	-8,854	0,118	0,282
CHR7	16080278	CHR7:16080278	SSF x Near_LoA	-8,283	0,139	0,276
CHR7	16080288	CHR7:16080288	SSF x Near_LoA	-9,066	-0,039	0,291
CHR7	16080306	CHR7:16080306	SSF x Near_LoA	-10,399	0,069	0,282
CHR7	16080308	CHR7:16080308	SSF x Near_LoA	-8,967	0,055	0,291
CHR7	16081909	CHR7:16081909	SSF x Near_LoA	-10,694	0,078	0,272
CHR7	16081934	CHR7:16081934	SSF x Near_LoA	-8,869	0,015	0,275
CHR7	16082015	CHR7:16082015	SSF x Near_LoA	-7,761	-0,049	0,291
CHR7	16091148	CHR7:16091148	SSF x Near_LoA	-6,797	0,156	0,293
CHR7	16091214	CHR7:16091214	SSF x Near_LoA	-8,121	-0,022	0,290
CHR7	16091293	CHR7:16091293	SSF x Near_LoA	-4,645	0,095	0,286
CHR7	16091354	CHR7:16091354	SSF x Near_LoA	-8,176	0,120	0,287
CHR7	16091459	CHR7:16091459	SSF x Near_LoA	-5,237	-0,038	0,301
CHR7	16091461	CHR7:16091461	SSF x Near_LoA	-6,811	-0,086	0,290
CHR7	16095898	CHR7:16095898	SSF x Near_LoA	-7,135	0,095	0,287
CHR7	16095907	CHR7:16095907	SSF x Near_LoA	-9,610	0,034	0,305
CHR7	16096225	CHR7:16096225	SSF x Near_LoA	-10,626	0,015	0,296
CHR7	16105094	CHR7:16105094	SSF x Near_LoA	-7,874	0,126	0,285
CHR7	16105169	CHR7:16105169	SSF x Near_LoA	-7,476	0,075	0,309
CHR7	16105250	CHR7:16105250	SSF x Near_LoA	-9,621	-0,003	0,273
CHR7	16105333	CHR7:16105333	SSF x Near_LoA	-9,504	0,017	0,279
CHR7	16105351	CHR7:16105351	SSF x Near_LoA	-10,510	0,004	0,270
CHR7	16105403	CHR7:16105403	SSF x Near_LoA	-6,958	-0,123	0,296
CHR7	16133490	CHR7:16133490	SSF x Near_LoA	-10,186	0,033	0,287
CHR7	16133510	CHR7:16133510	SSF x Near_LoA	-8,625	0,047	0,274
CHR7	1614013	CHR7:1614013	SSF x Near_LoA	-11,022	0,081	0,296
CHR7	16140487	CHR7:16140487	SSF x Near_LoA	-10,609	-0,018	0,286
CHR7	16140505	CHR7:16140505	SSF x Near_LoA	-7,548	0,100	0,274
CHR7	16140508	CHR7:16140508	SSF x Near_LoA	-9,224	-0,098	0,276
CHR7	16140557	CHR7:16140557	SSF x Near_LoA	-7,639	-0,084	0,295
CHR7	16140685	CHR7:16140685	SSF x Near_LoA	-5,456	-0,179	0,280
CHR7	16143094	CHR7:16143094	SSF x Near_LoA	-9,104	0,053	0,276
CHR7	16143119	CHR7:16143119	SSF x Near_LoA	-6,994	-0,014	0,269
CHR7	16143126	CHR7:16143126	SSF x Near_LoA	-5,612	-0,217	0,268
CHR7	16143161	CHR7:16143161	SSF x Near_LoA	-9,171	0,031	0,282
CHR7	16143281	CHR7:16143281	SSF x Near_LoA	-6,746	0,164	0,279
CHR7	16143295	CHR7:16143295	SSF x Near_LoA	-4,783	-0,248	0,269

CHR7	16143333	CHR7:16143333	SSF x Near_LoA	-5,566	-0,142	0,274
CHR7	16143358	CHR7:16143358	SSF x Near_LoA	-8,241	0,112	0,279
CHR7	16161167	CHR7:16161167	SSF x Near_LoA	-9,943	-0,071	0,290
CHR7	16161301	CHR7:16161301	SSF x Near_LoA	-7,956	0,083	0,286
CHR7	16163755	CHR7:16163755	SSF x Near_LoA	-9,566	-0,069	0,290
CHR7	16179070	CHR7:16179070	SSF x Near_LoA	-7,016	-0,139	0,290
CHR7	16179077	CHR7:16179077	SSF x Near_LoA	-8,318	0,036	0,284
CHR7	16179082	CHR7:16179082	SSF x Near_LoA	-4,919	-0,071	0,290
CHR7	16179134	CHR7:16179134	SSF x Near_LoA	-8,118	0,028	0,268
CHR7	16179180	CHR7:16179180	SSF x Near_LoA	-7,003	-0,070	0,298
CHR7	16179217	CHR7:16179217	SSF x Near_LoA	-8,157	0,030	0,278
CHR7	16179226	CHR7:16179226	SSF x Near_LoA	-8,042	0,008	0,292
CHR7	16179233	CHR7:16179233	SSF x Near_LoA	-7,639	-0,021	0,292
CHR7	16204298	CHR7:16204298	SSF x Near_LoA	-10,372	0,040	0,294
CHR7	16219640	CHR7:16219640	SSF x Near_LoA	-7,352	-0,096	0,296
CHR7	16220452	CHR7:16220452	SSF x Near_LoA	-8,428	-0,101	0,283
CHR7	16221856	CHR7:16221856	SSF x Near_LoA	-9,804	-0,044	0,297
CHR7	16221986	CHR7:16221986	SSF x Near_LoA	-4,274	0,071	0,291
CHR7	16222028	CHR7:16222028	SSF x Near_LoA	-4,651	0,034	0,276
CHR7	16238758	CHR7:16238758	SSF x Near_LoA	-7,032	0,024	0,272
CHR7	16238786	CHR7:16238786	SSF x Near_LoA	-7,167	0,102	0,270
CHR7	16244294	CHR7:16244294	SSF x Near_LoA	-5,600	-0,146	0,289
CHR7	16244486	CHR7:16244486	SSF x Near_LoA	-8,940	0,012	0,281
CHR7	16253297	CHR7:16253297	SSF x Near_LoA	-10,199	0,011	0,285
CHR7	16253321	CHR7:16253321	SSF x Near_LoA	-8,486	0,010	0,291
CHR7	16253359	CHR7:16253359	SSF x Near_LoA	-5,434	-0,226	0,263
CHR7	16253404	CHR7:16253404	SSF x Near_LoA	-5,473	-0,181	0,280
CHR7	16266409	CHR7:16266409	SSF x Near_LoA	-5,495	-0,054	0,271
CHR7	16266491	CHR7:16266491	SSF x Near_LoA	-6,094	0,038	0,278
CHR7	16266523	CHR7:16266523	SSF x Near_LoA	-6,651	-0,032	0,269
CHR7	16266527	CHR7:16266527	SSF x Near_LoA	-7,228	0,013	0,300
CHR7	16266536	CHR7:16266536	SSF x Near_LoA	-7,114	-0,010	0,274
CHR7	16272722	CHR7:16272722	SSF x Near_LoA	-9,067	0,020	0,288
CHR7	16272770	CHR7:16272770	SSF x Near_LoA	-8,052	-0,036	0,290
CHR7	16272806	CHR7:16272806	SSF x Near_LoA	-7,776	0,067	0,284
CHR7	16279330	CHR7:16279330	SSF x Near_LoA	-8,471	0,159	0,283
CHR7	16279359	CHR7:16279359	SSF x Near_LoA	-9,749	0,108	0,288
CHR7	16279360	CHR7:16279360	SSF x Near_LoA	-9,899	0,120	0,282
CHR7	16279367	CHR7:16279367	SSF x Near_LoA	-9,890	0,079	0,283
CHR7	16280099	CHR7:16280099	SSF x Near_LoA	-6,800	-0,095	0,299
CHR7	16280275	CHR7:16280275	SSF x Near_LoA	-9,193	-0,031	0,295
CHR7	16322363	CHR7:16322363	SSF x Near_LoA	-7,168	0,053	0,300
CHR7	16324361	CHR7:16324361	SSF x Near_LoA	-7,078	-0,040	0,281
CHR7	16324716	CHR7:16324716	SSF x Near_LoA	-8,982	-0,151	0,274
CHR7	16419769	CHR7:16419769	SSF x Near_LoA	-11,012	0,028	0,291
CHR7	16419898	CHR7:16419898	SSF x Near_LoA	-9,885	-0,005	0,295
CHR7	16426590	CHR7:16426590	SSF x Near_LoA	-8,166	-0,027	0,288
CHR7	16426616	CHR7:16426616	SSF x Near_LoA	-10,483	-0,010	0,293
CHR7	16426784	CHR7:16426784	SSF x Near_LoA	-4,286	-0,007	0,286
CHR7	16456996	CHR7:16456996	SSF x Near_LoA	-9,531	-0,118	0,286
CHR7	16457037	CHR7:16457037	SSF x Near_LoA	-7,357	-0,138	0,271
CHR7	16459574	CHR7:16459574	SSF x Near_LoA	-7,280	-0,024	0,288
CHR7	16459763	CHR7:16459763	SSF x Near_LoA	-8,153	0,070	0,292

CHR7	16462048	CHR7:16462048	SSF x Near_LoA	-6,177	-0,149	0,278
CHR7	16462093	CHR7:16462093	SSF x Near_LoA	-7,563	0,098	0,276
CHR7	16480259	CHR7:16480259	SSF x Near_LoA	-8,019	0,115	0,287
CHR7	16515431	CHR7:16515431	SSF x Near_LoA	-9,601	-0,013	0,284
CHR7	16515491	CHR7:16515491	SSF x Near_LoA	-7,000	-0,003	0,289
CHR7	16515575	CHR7:16515575	SSF x Near_LoA	-9,475	0,090	0,289
CHR7	16515859	CHR7:16515859	SSF x Near_LoA	-7,141	-0,131	0,275
CHR7	16523972	CHR7:16523972	SSF x Near_LoA	-8,080	-0,081	0,274
CHR7	16523979	CHR7:16523979	SSF x Near_LoA	-6,285	-0,100	0,293
CHR7	16524040	CHR7:16524040	SSF x Near_LoA	-5,224	0,011	0,274
CHR7	16524043	CHR7:16524043	SSF x Near_LoA	-6,856	-0,145	0,272
CHR7	16532827	CHR7:16532827	SSF x Near_LoA	-9,871	-0,004	0,279
CHR7	16532908	CHR7:16532908	SSF x Near_LoA	-8,320	-0,009	0,289
CHR7	16533147	CHR7:16533147	SSF x Near_LoA	-0,505	-0,069	0,285
CHR7	16548080	CHR7:16548080	SSF x Near_LoA	-9,229	-0,033	0,286
CHR7	16548087	CHR7:16548087	SSF x Near_LoA	-7,532	-0,075	0,292
CHR7	16548117	CHR7:16548117	SSF x Near_LoA	-7,514	-0,083	0,284
CHR7	16548120	CHR7:16548120	SSF x Near_LoA	-3,296	-0,122	0,290
CHR7	16548186	CHR7:16548186	SSF x Near_LoA	-8,251	0,004	0,288
CHR7	16548220	CHR7:16548220	SSF x Near_LoA	-5,163	0,242	0,276
CHR7	16548242	CHR7:16548242	SSF x Near_LoA	-5,832	-0,137	0,290
CHR7	16548300	CHR7:16548300	SSF x Near_LoA	-7,403	0,028	0,281
CHR7	16548324	CHR7:16548324	SSF x Near_LoA	-5,648	0,262	0,261
CHR7	16548395	CHR7:16548395	SSF x Near_LoA	-7,587	0,020	0,277
CHR7	16552595	CHR7:16552595	SSF x Near_LoA	-4,681	0,175	0,267
CHR7	16552730	CHR7:16552730	SSF x Near_LoA	-7,103	-0,099	0,284
CHR7	16552776	CHR7:16552776	SSF x Near_LoA	-10,365	-0,012	0,281
CHR7	16552780	CHR7:16552780	SSF x Near_LoA	-1,614	0,117	0,271
CHR7	16552889	CHR7:16552889	SSF x Near_LoA	-6,268	-0,119	0,283
CHR7	16552984	CHR7:16552984	SSF x Near_LoA	-9,144	-0,078	0,274
CHR7	16552991	CHR7:16552991	SSF x Near_LoA	-7,929	-0,038	0,298
CHR7	16590946	CHR7:16590946	SSF x Near_LoA	-10,367	0,024	0,286
CHR7	16591029	CHR7:16591029	SSF x Near_LoA	-7,153	-0,042	0,297
CHR7	16591939	CHR7:16591939	SSF x Near_LoA	-8,554	-0,126	0,293
CHR7	16591993	CHR7:16591993	SSF x Near_LoA	-10,377	0,007	0,270
CHR7	16593099	CHR7:16593099	SSF x Near_LoA	-7,877	0,027	0,297
CHR7	16593192	CHR7:16593192	SSF x Near_LoA	-6,489	0,109	0,283
CHR7	16593298	CHR7:16593298	SSF x Near_LoA	-5,420	0,138	0,286
CHR7	16593386	CHR7:16593386	SSF x Near_LoA	-7,030	0,098	0,289
CHR7	16593389	CHR7:16593389	SSF x Near_LoA	-7,026	0,062	0,292
CHR7	16615524	CHR7:16615524	SSF x Near_LoA	-9,046	-0,037	0,279
CHR7	16615768	CHR7:16615768	SSF x Near_LoA	-10,150	0,095	0,289
CHR7	16615782	CHR7:16615782	SSF x Near_LoA	-7,038	0,017	0,283
CHR7	16622909	CHR7:16622909	SSF x Near_LoA	0,312	-0,141	0,284
CHR7	16635676	CHR7:16635676	SSF x Near_LoA	-9,496	0,081	0,278
CHR7	16635684	CHR7:16635684	SSF x Near_LoA	-4,541	0,017	0,293
CHR7	16635808	CHR7:16635808	SSF x Near_LoA	-8,396	0,057	0,264
CHR7	16635932	CHR7:16635932	SSF x Near_LoA	-7,636	-0,003	0,285
CHR7	16636031	CHR7:16636031	SSF x Near_LoA	-9,150	-0,005	0,286
CHR7	16636074	CHR7:16636074	SSF x Near_LoA	-6,494	-0,125	0,287
CHR7	16636086	CHR7:16636086	SSF x Near_LoA	-8,443	-0,083	0,289
CHR7	16643757	CHR7:16643757	SSF x Near_LoA	-9,301	-0,029	0,296
CHR7	16643799	CHR7:16643799	SSF x Near_LoA	-4,923	-0,007	0,300

CHR7	16643899	CHR7:16643899	SSF x Near_LoA	-3,269	-0,116	0,294
CHR7	16643901	CHR7:16643901	SSF x Near_LoA	-5,931	-0,114	0,280
CHR7	16643997	CHR7:16643997	SSF x Near_LoA	-9,923	-0,020	0,293
CHR7	16644014	CHR7:16644014	SSF x Near_LoA	-5,037	-0,055	0,301
CHR7	16644029	CHR7:16644029	SSF x Near_LoA	-8,092	-0,041	0,291
CHR7	16644168	CHR7:16644168	SSF x Near_LoA	-4,104	-0,101	0,294
CHR7	16650780	CHR7:16650780	SSF x Near_LoA	-7,334	0,103	0,281
CHR7	16650783	CHR7:16650783	SSF x Near_LoA	-1,365	0,263	0,278
CHR7	16650810	CHR7:16650810	SSF x Near_LoA	-7,647	0,055	0,284
CHR7	16650874	CHR7:16650874	SSF x Near_LoA	-6,948	0,145	0,276
CHR7	16650880	CHR7:16650880	SSF x Near_LoA	-8,249	-0,053	0,289
CHR7	16650899	CHR7:16650899	SSF x Near_LoA	-6,172	-0,145	0,271
CHR7	16650906	CHR7:16650906	SSF x Near_LoA	-8,844	-0,148	0,286
CHR7	16650919	CHR7:16650919	SSF x Near_LoA	-3,990	0,195	0,278
CHR7	16650932	CHR7:16650932	SSF x Near_LoA	-9,384	0,066	0,289
CHR7	16650984	CHR7:16650984	SSF x Near_LoA	-6,178	0,197	0,280
CHR7	16655997	CHR7:16655997	SSF x Near_LoA	-10,463	-0,079	0,282
CHR7	16656110	CHR7:16656110	SSF x Near_LoA	-8,161	0,018	0,281
CHR7	16656349	CHR7:16656349	SSF x Near_LoA	-8,086	-0,166	0,274
CHR7	16656366	CHR7:16656366	SSF x Near_LoA	-5,873	0,170	0,282
CHR7	16666923	CHR7:16666923	SSF x Near_LoA	-8,587	-0,056	0,279
CHR7	16667024	CHR7:16667024	SSF x Near_LoA	-7,115	-0,118	0,282
CHR7	16667060	CHR7:16667060	SSF x Near_LoA	-2,763	0,169	0,273
CHR7	16667061	CHR7:16667061	SSF x Near_LoA	-8,894	-0,053	0,277
CHR7	16667103	CHR7:16667103	SSF x Near_LoA	-3,024	0,127	0,269
CHR7	16680400	CHR7:16680400	SSF x Near_LoA	-9,234	0,010	0,299
CHR7	16680701	CHR7:16680701	SSF x Near_LoA	-3,363	0,095	0,291
CHR7	16680750	CHR7:16680750	SSF x Near_LoA	-6,659	-0,023	0,302
CHR7	16740144	CHR7:16740144	SSF x Near_LoA	-8,254	-0,065	0,288
CHR7	16740460	CHR7:16740460	SSF x Near_LoA	-8,335	0,112	0,266
CHR7	16744712	CHR7:16744712	SSF x Near_LoA	-7,900	-0,002	0,272
CHR7	16744729	CHR7:16744729	SSF x Near_LoA	-5,681	0,179	0,269
CHR7	16744739	CHR7:16744739	SSF x Near_LoA	-9,482	-0,034	0,281
CHR7	16744902	CHR7:16744902	SSF x Near_LoA	-8,968	0,058	0,280
CHR7	1674546	CHR7:1674546	SSF x Near_LoA	-7,198	-0,113	0,285
CHR7	16746113	CHR7:16746113	SSF x Near_LoA	-7,346	0,143	0,277
CHR7	16746136	CHR7:16746136	SSF x Near_LoA	-5,674	-0,050	0,293
CHR7	16746160	CHR7:16746160	SSF x Near_LoA	-5,213	0,104	0,283
CHR7	16746228	CHR7:16746228	SSF x Near_LoA	-5,911	0,110	0,276
CHR7	16746229	CHR7:16746229	SSF x Near_LoA	-8,237	0,040	0,286
CHR7	16779590	CHR7:16779590	SSF x Near_LoA	-8,163	0,019	0,283
CHR7	16779622	CHR7:16779622	SSF x Near_LoA	-7,328	0,010	0,282
CHR7	16779972	CHR7:16779972	SSF x Near_LoA	-7,985	-0,065	0,298
CHR7	16784135	CHR7:16784135	SSF x Near_LoA	-8,002	0,023	0,281
CHR7	16790211	CHR7:16790211	SSF x Near_LoA	-4,351	-0,191	0,274
CHR7	16790249	CHR7:16790249	SSF x Near_LoA	-5,491	-0,160	0,274
CHR7	16790287	CHR7:16790287	SSF x Near_LoA	-7,756	-0,048	0,296
CHR7	16790292	CHR7:16790292	SSF x Near_LoA	-9,509	-0,060	0,288
CHR7	16790330	CHR7:16790330	SSF x Near_LoA	-6,560	-0,048	0,290
CHR7	16790379	CHR7:16790379	SSF x Near_LoA	-7,701	0,065	0,286
CHR7	16796675	CHR7:16796675	SSF x Near_LoA	-9,392	0,041	0,286
CHR7	16801409	CHR7:16801409	SSF x Near_LoA	-7,630	-0,046	0,291
CHR7	1681593	CHR7:1681593	SSF x Near_LoA	-6,816	0,137	0,285

CHR7	1681622	CHR7:1681622	SSF x Near_LoA	-8,207	-0,006	0,267
CHR7	1681634	CHR7:1681634	SSF x Near_LoA	-8,007	0,009	0,278
CHR7	16835486	CHR7:16835486	SSF x Near_LoA	-5,001	-0,185	0,292
CHR7	16835684	CHR7:16835684	SSF x Near_LoA	-8,912	0,043	0,297
CHR7	16839130	CHR7:16839130	SSF x Near_LoA	-8,279	0,036	0,302
CHR7	1684098	CHR7:1684098	SSF x Near_LoA	-8,187	0,122	0,293
CHR7	1684139	CHR7:1684139	SSF x Near_LoA	-7,997	0,113	0,299
CHR7	1684140	CHR7:1684140	SSF x Near_LoA	-7,780	0,143	0,286
CHR7	1684156	CHR7:1684156	SSF x Near_LoA	-7,938	-0,021	0,297
CHR7	1684287	CHR7:1684287	SSF x Near_LoA	-10,846	-0,022	0,281
CHR7	16851760	CHR7:16851760	SSF x Near_LoA	-7,881	-0,073	0,280
CHR7	16851800	CHR7:16851800	SSF x Near_LoA	-8,090	0,101	0,306
CHR7	16851884	CHR7:16851884	SSF x Near_LoA	-8,000	-0,091	0,280
CHR7	16851901	CHR7:16851901	SSF x Near_LoA	-6,617	-0,131	0,281
CHR7	16851958	CHR7:16851958	SSF x Near_LoA	-2,452	-0,121	0,290
CHR7	16851964	CHR7:16851964	SSF x Near_LoA	-7,000	0,120	0,289
CHR7	16852027	CHR7:16852027	SSF x Near_LoA	-6,736	-0,127	0,293
CHR7	16855783	CHR7:16855783	SSF x Near_LoA	-5,375	-0,142	0,282
CHR7	16865458	CHR7:16865458	SSF x Near_LoA	-8,021	-0,094	0,288
CHR7	16865623	CHR7:16865623	SSF x Near_LoA	-7,710	-0,003	0,300
CHR7	16867110	CHR7:16867110	SSF x Near_LoA	-8,124	0,071	0,289
CHR7	16867119	CHR7:16867119	SSF x Near_LoA	-3,869	-0,080	0,280
CHR7	16867129	CHR7:16867129	SSF x Near_LoA	-6,560	0,119	0,291
CHR7	16867169	CHR7:16867169	SSF x Near_LoA	-7,993	-0,003	0,288
CHR7	16868635	CHR7:16868635	SSF x Near_LoA	-8,808	-0,074	0,279
CHR7	16868760	CHR7:16868760	SSF x Near_LoA	-2,181	0,068	0,278
CHR7	16870438	CHR7:16870438	SSF x Near_LoA	-1,332	-0,009	0,271
CHR7	16870446	CHR7:16870446	SSF x Near_LoA	-7,498	-0,012	0,264
CHR7	16870470	CHR7:16870470	SSF x Near_LoA	-6,913	-0,037	0,293
CHR7	16870472	CHR7:16870472	SSF x Near_LoA	-8,226	-0,047	0,293
CHR7	16870475	CHR7:16870475	SSF x Near_LoA	-8,278	-0,047	0,270
CHR7	16879468	CHR7:16879468	SSF x Near_LoA	-9,980	0,134	0,282
CHR7	16879639	CHR7:16879639	SSF x Near_LoA	-9,345	0,033	0,295
CHR7	16879714	CHR7:16879714	SSF x Near_LoA	-9,711	-0,014	0,290
CHR7	16881545	CHR7:16881545	SSF x Near_LoA	-9,991	-0,023	0,292
CHR7	16881577	CHR7:16881577	SSF x Near_LoA	-8,428	0,030	0,291
CHR7	16881651	CHR7:16881651	SSF x Near_LoA	-9,966	-0,096	0,275
CHR7	16884880	CHR7:16884880	SSF x Near_LoA	-6,378	0,074	0,293
CHR7	16884896	CHR7:16884896	SSF x Near_LoA	-6,815	-0,017	0,299
CHR7	16885004	CHR7:16885004	SSF x Near_LoA	-7,183	-0,113	0,276
CHR7	16885005	CHR7:16885005	SSF x Near_LoA	-8,417	0,142	0,289
CHR7	16885075	CHR7:16885075	SSF x Near_LoA	-9,062	-0,072	0,276
CHR7	16885076	CHR7:16885076	SSF x Near_LoA	-7,869	0,083	0,283
CHR7	16886676	CHR7:16886676	SSF x Near_LoA	-6,038	-0,126	0,273
CHR7	16886776	CHR7:16886776	SSF x Near_LoA	-9,128	-0,030	0,278
CHR7	16886886	CHR7:16886886	SSF x Near_LoA	-5,599	0,066	0,287
CHR7	16895421	CHR7:16895421	SSF x Near_LoA	-9,460	0,073	0,282
CHR7	16895540	CHR7:16895540	SSF x Near_LoA	-6,600	-0,070	0,289
CHR7	16895648	CHR7:16895648	SSF x Near_LoA	-8,498	0,039	0,295
CHR7	16898319	CHR7:16898319	SSF x Near_LoA	-9,208	0,081	0,288
CHR7	16898423	CHR7:16898423	SSF x Near_LoA	-9,287	-0,114	0,290
CHR7	16901866	CHR7:16901866	SSF x Near_LoA	-7,449	0,080	0,278
CHR7	16901979	CHR7:16901979	SSF x Near_LoA	-7,105	-0,062	0,274

CHR7	16902040	CHR7:16902040	SSF x Near_LoA	-8,010	-0,076	0,292
CHR7	16902358	CHR7:16902358	SSF x Near_LoA	-7,198	-0,216	0,274
CHR7	16902365	CHR7:16902365	SSF x Near_LoA	-9,250	-0,104	0,287
CHR7	16905234	CHR7:16905234	SSF x Near_LoA	-7,771	-0,102	0,285
CHR7	16905245	CHR7:16905245	SSF x Near_LoA	-9,751	-0,007	0,305
CHR7	16905316	CHR7:16905316	SSF x Near_LoA	-7,766	-0,008	0,274
CHR7	16908868	CHR7:16908868	SSF x Near_LoA	-7,152	-0,097	0,297
CHR7	16908892	CHR7:16908892	SSF x Near_LoA	-4,588	0,100	0,295
CHR7	16908915	CHR7:16908915	SSF x Near_LoA	-9,350	-0,086	0,286
CHR7	16908968	CHR7:16908968	SSF x Near_LoA	-8,494	0,101	0,286
CHR7	16908995	CHR7:16908995	SSF x Near_LoA	-7,945	0,029	0,288
CHR7	16909076	CHR7:16909076	SSF x Near_LoA	-8,737	-0,110	0,279
CHR7	16930322	CHR7:16930322	SSF x Near_LoA	-9,521	-0,068	0,277
CHR7	16930360	CHR7:16930360	SSF x Near_LoA	-7,900	0,013	0,293
CHR7	16940279	CHR7:16940279	SSF x Near_LoA	-6,734	0,133	0,291
CHR7	16940458	CHR7:16940458	SSF x Near_LoA	-7,095	0,043	0,289
CHR7	16942691	CHR7:16942691	SSF x Near_LoA	-2,599	-0,144	0,282
CHR7	16943032	CHR7:16943032	SSF x Near_LoA	-9,819	-0,086	0,281
CHR7	16943103	CHR7:16943103	SSF x Near_LoA	-7,825	0,036	0,291
CHR7	16954289	CHR7:16954289	SSF x Near_LoA	-6,106	-0,142	0,276
CHR7	16954307	CHR7:16954307	SSF x Near_LoA	-11,301	0,014	0,287
CHR7	16954361	CHR7:16954361	SSF x Near_LoA	-8,038	-0,175	0,286
CHR7	16954362	CHR7:16954362	SSF x Near_LoA	-8,060	-0,171	0,276
CHR7	16969106	CHR7:16969106	SSF x Near_LoA	-8,945	-0,094	0,293
CHR7	16969118	CHR7:16969118	SSF x Near_LoA	-9,658	-0,057	0,279
CHR7	1697169	CHR7:1697169	SSF x Near_LoA	-8,557	0,019	0,294
CHR7	16989253	CHR7:16989253	SSF x Near_LoA	-2,396	-0,276	0,272
CHR7	16994470	CHR7:16994470	SSF x Near_LoA	-9,444	-0,063	0,295
CHR7	1699631	CHR7:1699631	SSF x Near_LoA	-8,978	0,017	0,283
CHR7	1699809	CHR7:1699809	SSF x Near_LoA	-7,821	-0,052	0,287
CHR7	1700931	CHR7:1700931	SSF x Near_LoA	-7,699	-0,142	0,288
CHR7	1700940	CHR7:1700940	SSF x Near_LoA	-4,046	-0,202	0,269
CHR7	17016581	CHR7:17016581	SSF x Near_LoA	-8,810	0,041	0,287
CHR7	17016679	CHR7:17016679	SSF x Near_LoA	-7,203	0,238	0,258
CHR7	17016784	CHR7:17016784	SSF x Near_LoA	-6,796	0,020	0,288
CHR7	17016904	CHR7:17016904	SSF x Near_LoA	-9,184	-0,142	0,283
CHR7	17031591	CHR7:17031591	SSF x Near_LoA	-10,685	-0,022	0,278
CHR7	17041284	CHR7:17041284	SSF x Near_LoA	-3,865	-0,097	0,293
CHR7	17041366	CHR7:17041366	SSF x Near_LoA	-1,812	-0,075	0,290
CHR7	17041432	CHR7:17041432	SSF x Near_LoA	-6,135	-0,217	0,281
CHR7	17041481	CHR7:17041481	SSF x Near_LoA	-9,687	0,084	0,284
CHR7	17041509	CHR7:17041509	SSF x Near_LoA	-6,192	0,171	0,279
CHR7	17041531	CHR7:17041531	SSF x Near_LoA	-1,958	0,206	0,261
CHR7	17041540	CHR7:17041540	SSF x Near_LoA	-8,422	-0,057	0,264
CHR7	17041687	CHR7:17041687	SSF x Near_LoA	-7,264	-0,092	0,304
CHR7	17046011	CHR7:17046011	SSF x Near_LoA	-9,119	0,020	0,285
CHR7	17046160	CHR7:17046160	SSF x Near_LoA	-0,303	0,119	0,276
CHR7	17046181	CHR7:17046181	SSF x Near_LoA	-10,172	-0,102	0,280
CHR7	17046216	CHR7:17046216	SSF x Near_LoA	-8,032	-0,028	0,265
CHR7	17046222	CHR7:17046222	SSF x Near_LoA	-7,150	-0,129	0,294
CHR7	17059224	CHR7:17059224	SSF x Near_LoA	-7,189	0,208	0,265
CHR7	17059394	CHR7:17059394	SSF x Near_LoA	-8,297	0,008	0,292
CHR7	17059456	CHR7:17059456	SSF x Near_LoA	-8,761	0,030	0,284

CHR7	17059537	CHR7:17059537	SSF x Near_LoA	-9,433	-0,018	0,287
CHR7	17059594	CHR7:17059594	SSF x Near_LoA	-7,611	-0,086	0,295
CHR7	17063955	CHR7:17063955	SSF x Near_LoA	-9,697	-0,042	0,292
CHR7	17064006	CHR7:17064006	SSF x Near_LoA	-7,036	-0,071	0,286
CHR7	17064035	CHR7:17064035	SSF x Near_LoA	-9,114	-0,063	0,288
CHR7	17064197	CHR7:17064197	SSF x Near_LoA	-9,392	0,069	0,277
CHR7	17064715	CHR7:17064715	SSF x Near_LoA	-7,154	0,135	0,279
CHR7	17093018	CHR7:17093018	SSF x Near_LoA	-10,741	0,023	0,276
CHR7	17093067	CHR7:17093067	SSF x Near_LoA	-7,537	0,065	0,289
CHR7	17095554	CHR7:17095554	SSF x Near_LoA	-8,996	0,121	0,272
CHR7	17095583	CHR7:17095583	SSF x Near_LoA	-8,296	0,022	0,296
CHR7	17095607	CHR7:17095607	SSF x Near_LoA	-6,826	0,131	0,291
CHR7	17095649	CHR7:17095649	SSF x Near_LoA	-5,182	-0,141	0,265
CHR7	17095766	CHR7:17095766	SSF x Near_LoA	-5,588	0,136	0,275
CHR7	17097565	CHR7:17097565	SSF x Near_LoA	-7,357	0,045	0,291
CHR7	17097736	CHR7:17097736	SSF x Near_LoA	-7,490	0,063	0,291
CHR7	17123642	CHR7:17123642	SSF x Near_LoA	-8,488	-0,008	0,296
CHR7	17133705	CHR7:17133705	SSF x Near_LoA	-3,953	0,134	0,282
CHR7	17133717	CHR7:17133717	SSF x Near_LoA	-6,000	-0,136	0,261
CHR7	17133728	CHR7:17133728	SSF x Near_LoA	-6,985	-0,024	0,293
CHR7	17133740	CHR7:17133740	SSF x Near_LoA	-7,022	-0,028	0,286
CHR7	17133748	CHR7:17133748	SSF x Near_LoA	-8,042	-0,045	0,280
CHR7	17133757	CHR7:17133757	SSF x Near_LoA	-8,217	-0,017	0,290
CHR7	17133769	CHR7:17133769	SSF x Near_LoA	-6,949	-0,071	0,289
CHR7	17133777	CHR7:17133777	SSF x Near_LoA	-8,232	-0,014	0,278
CHR7	17133821	CHR7:17133821	SSF x Near_LoA	-7,382	-0,016	0,306
CHR7	17133830	CHR7:17133830	SSF x Near_LoA	-8,117	-0,017	0,270
CHR7	17133833	CHR7:17133833	SSF x Near_LoA	-7,256	0,096	0,291
CHR7	17133869	CHR7:17133869	SSF x Near_LoA	-7,475	-0,072	0,278
CHR7	17133889	CHR7:17133889	SSF x Near_LoA	-7,303	0,092	0,285
CHR7	17138885	CHR7:17138885	SSF x Near_LoA	-2,011	-0,165	0,288
CHR7	17142231	CHR7:17142231	SSF x Near_LoA	-8,316	-0,027	0,286
CHR7	17142452	CHR7:17142452	SSF x Near_LoA	-6,807	-0,046	0,285
CHR7	17152038	CHR7:17152038	SSF x Near_LoA	-9,701	-0,033	0,293
CHR7	17152176	CHR7:17152176	SSF x Near_LoA	-9,010	-0,021	0,283
CHR7	17152188	CHR7:17152188	SSF x Near_LoA	-7,812	-0,009	0,295
CHR7	1716091	CHR7:1716091	SSF x Near_LoA	-6,200	0,095	0,303
CHR7	1716238	CHR7:1716238	SSF x Near_LoA	-9,615	-0,073	0,287
CHR7	1716370	CHR7:1716370	SSF x Near_LoA	-8,117	0,068	0,299
CHR7	1716373	CHR7:1716373	SSF x Near_LoA	-9,257	-0,020	0,286
CHR7	17167273	CHR7:17167273	SSF x Near_LoA	-8,852	0,041	0,281
CHR7	17167313	CHR7:17167313	SSF x Near_LoA	-8,492	0,033	0,295
CHR7	17167414	CHR7:17167414	SSF x Near_LoA	-8,659	-0,068	0,302
CHR7	17172389	CHR7:17172389	SSF x Near_LoA	-7,305	-0,037	0,301
CHR7	17172449	CHR7:17172449	SSF x Near_LoA	-7,766	0,005	0,284
CHR7	17172500	CHR7:17172500	SSF x Near_LoA	-7,221	-0,050	0,280
CHR7	17172507	CHR7:17172507	SSF x Near_LoA	-8,154	0,040	0,302
CHR7	17172543	CHR7:17172543	SSF x Near_LoA	-6,991	0,029	0,306
CHR7	17187964	CHR7:17187964	SSF x Near_LoA	-7,627	-0,081	0,268
CHR7	17188008	CHR7:17188008	SSF x Near_LoA	-5,943	-0,118	0,288
CHR7	1719082	CHR7:1719082	SSF x Near_LoA	-7,996	-0,052	0,283
CHR7	17201885	CHR7:17201885	SSF x Near_LoA	-8,158	-0,046	0,299
CHR7	17201903	CHR7:17201903	SSF x Near_LoA	-9,653	-0,055	0,289

CHR7	17201942	CHR7:17201942	SSF x Near_LoA	-5,649	0,084	0,283
CHR7	17218623	CHR7:17218623	SSF x Near_LoA	-8,449	0,085	0,293
CHR7	17218642	CHR7:17218642	SSF x Near_LoA	-8,183	-0,021	0,288
CHR7	17218681	CHR7:17218681	SSF x Near_LoA	-7,889	0,120	0,281
CHR7	1722422	CHR7:1722422	SSF x Near_LoA	-10,139	0,045	0,270
CHR7	1722836	CHR7:1722836	SSF x Near_LoA	-9,921	-0,024	0,300
CHR7	17237900	CHR7:17237900	SSF x Near_LoA	-9,036	0,062	0,292
CHR7	17244595	CHR7:17244595	SSF x Near_LoA	-9,339	0,030	0,262
CHR7	17245854	CHR7:17245854	SSF x Near_LoA	-8,859	0,055	0,285
CHR7	17245855	CHR7:17245855	SSF x Near_LoA	-9,836	0,034	0,294
CHR7	17245895	CHR7:17245895	SSF x Near_LoA	-7,402	0,099	0,304
CHR7	17245971	CHR7:17245971	SSF x Near_LoA	-7,186	0,027	0,302
CHR7	17245977	CHR7:17245977	SSF x Near_LoA	-8,049	-0,003	0,313
CHR7	17245978	CHR7:17245978	SSF x Near_LoA	-8,493	0,017	0,294
CHR7	17249594	CHR7:17249594	SSF x Near_LoA	-3,866	0,126	0,297
CHR7	17249833	CHR7:17249833	SSF x Near_LoA	-8,954	-0,138	0,280
CHR7	17249891	CHR7:17249891	SSF x Near_LoA	-1,706	-0,137	0,295
CHR7	17249904	CHR7:17249904	SSF x Near_LoA	-6,478	-0,019	0,297
CHR7	17249972	CHR7:17249972	SSF x Near_LoA	-3,587	0,154	0,290
CHR7	17255009	CHR7:17255009	SSF x Near_LoA	-9,446	-0,102	0,284
CHR7	17255011	CHR7:17255011	SSF x Near_LoA	-10,062	-0,095	0,284
CHR7	17255064	CHR7:17255064	SSF x Near_LoA	-9,251	0,058	0,277
CHR7	17255647	CHR7:17255647	SSF x Near_LoA	-7,510	-0,037	0,270
CHR7	1725835	CHR7:1725835	SSF x Near_LoA	-9,841	-0,119	0,285
CHR7	1725836	CHR7:1725836	SSF x Near_LoA	-8,073	-0,037	0,286
CHR7	1725850	CHR7:1725850	SSF x Near_LoA	-1,564	-0,131	0,262
CHR7	1725859	CHR7:1725859	SSF x Near_LoA	-8,012	-0,031	0,285
CHR7	1725911	CHR7:1725911	SSF x Near_LoA	-8,261	0,009	0,297
CHR7	1726015	CHR7:1726015	SSF x Near_LoA	-10,213	-0,069	0,278
CHR7	17266672	CHR7:17266672	SSF x Near_LoA	-9,445	0,071	0,284
CHR7	17266789	CHR7:17266789	SSF x Near_LoA	-9,287	0,038	0,282
CHR7	17266901	CHR7:17266901	SSF x Near_LoA	-8,583	0,131	0,265
CHR7	17266933	CHR7:17266933	SSF x Near_LoA	-6,946	0,085	0,279
CHR7	17268136	CHR7:17268136	SSF x Near_LoA	-11,162	-0,032	0,284
CHR7	17268185	CHR7:17268185	SSF x Near_LoA	-6,584	-0,142	0,290
CHR7	17268300	CHR7:17268300	SSF x Near_LoA	-6,610	-0,126	0,276
CHR7	17274018	CHR7:17274018	SSF x Near_LoA	-9,693	0,057	0,301
CHR7	1729546	CHR7:1729546	SSF x Near_LoA	-10,458	-0,012	0,279
CHR7	1729631	CHR7:1729631	SSF x Near_LoA	-3,905	0,145	0,270
CHR7	17305875	CHR7:17305875	SSF x Near_LoA	-9,509	-0,095	0,285
CHR7	17305985	CHR7:17305985	SSF x Near_LoA	-10,135	0,006	0,289
CHR7	17306005	CHR7:17306005	SSF x Near_LoA	-2,522	-0,140	0,273
CHR7	17306067	CHR7:17306067	SSF x Near_LoA	-5,565	0,119	0,285
CHR7	17306069	CHR7:17306069	SSF x Near_LoA	-6,102	-0,173	0,280
CHR7	17306150	CHR7:17306150	SSF x Near_LoA	-8,107	-0,074	0,283
CHR7	17316652	CHR7:17316652	SSF x Near_LoA	-8,486	0,071	0,275
CHR7	17316853	CHR7:17316853	SSF x Near_LoA	-7,745	0,039	0,293
CHR7	17317008	CHR7:17317008	SSF x Near_LoA	-8,817	0,121	0,286
CHR7	17320838	CHR7:17320838	SSF x Near_LoA	-8,805	-0,041	0,295
CHR7	17320895	CHR7:17320895	SSF x Near_LoA	-8,124	0,011	0,288
CHR7	17321078	CHR7:17321078	SSF x Near_LoA	-8,979	-0,162	0,272
CHR7	1733452	CHR7:1733452	SSF x Near_LoA	-6,239	0,023	0,297
CHR7	1733531	CHR7:1733531	SSF x Near_LoA	-6,765	0,046	0,285

CHR7	1733572	CHR7:1733572	SSF x Near_LoA	-6,584	0,067	0,283
CHR7	17336195	CHR7:17336195	SSF x Near_LoA	-8,748	0,044	0,292
CHR7	17338970	CHR7:17338970	SSF x Near_LoA	-9,699	0,114	0,280
CHR7	17339380	CHR7:17339380	SSF x Near_LoA	-6,575	0,079	0,280
CHR7	17348355	CHR7:17348355	SSF x Near_LoA	-7,009	-0,012	0,276
CHR7	17348404	CHR7:17348404	SSF x Near_LoA	-6,737	0,106	0,287
CHR7	17348462	CHR7:17348462	SSF x Near_LoA	-8,695	-0,063	0,282
CHR7	17348515	CHR7:17348515	SSF x Near_LoA	-5,877	-0,137	0,278
CHR7	17348795	CHR7:17348795	SSF x Near_LoA	-9,812	-0,102	0,280
CHR7	17349000	CHR7:17349000	SSF x Near_LoA	-7,048	-0,025	0,289
CHR7	17370125	CHR7:17370125	SSF x Near_LoA	-8,814	0,095	0,285
CHR7	17370191	CHR7:17370191	SSF x Near_LoA	-10,323	0,017	0,285
CHR7	17375372	CHR7:17375372	SSF x Near_LoA	-7,358	-0,096	0,264
CHR7	17375404	CHR7:17375404	SSF x Near_LoA	-7,979	0,147	0,279
CHR7	17391168	CHR7:17391168	SSF x Near_LoA	-7,723	0,054	0,291
CHR7	17391495	CHR7:17391495	SSF x Near_LoA	-7,461	0,080	0,271
CHR7	17391515	CHR7:17391515	SSF x Near_LoA	-7,472	0,056	0,302
CHR7	17400926	CHR7:17400926	SSF x Near_LoA	-9,418	-0,058	0,291
CHR7	17401005	CHR7:17401005	SSF x Near_LoA	-0,611	-0,061	0,296
CHR7	17401006	CHR7:17401006	SSF x Near_LoA	-9,284	-0,088	0,298
CHR7	17401092	CHR7:17401092	SSF x Near_LoA	-6,434	0,175	0,271
CHR7	17401127	CHR7:17401127	SSF x Near_LoA	-5,093	-0,183	0,271
CHR7	17406923	CHR7:17406923	SSF x Near_LoA	-7,653	0,061	0,276
CHR7	17406968	CHR7:17406968	SSF x Near_LoA	-8,289	0,061	0,287
CHR7	17407072	CHR7:17407072	SSF x Near_LoA	-7,737	-0,060	0,282
CHR7	17407102	CHR7:17407102	SSF x Near_LoA	-6,895	0,228	0,284
CHR7	17407186	CHR7:17407186	SSF x Near_LoA	-5,673	-0,092	0,294
CHR7	17410398	CHR7:17410398	SSF x Near_LoA	-9,740	-0,093	0,280
CHR7	17410411	CHR7:17410411	SSF x Near_LoA	-8,580	0,077	0,271
CHR7	17410412	CHR7:17410412	SSF x Near_LoA	-9,020	-0,111	0,284
CHR7	17410434	CHR7:17410434	SSF x Near_LoA	-9,212	-0,072	0,282
CHR7	17410444	CHR7:17410444	SSF x Near_LoA	-9,931	0,039	0,295
CHR7	17410452	CHR7:17410452	SSF x Near_LoA	-6,749	-0,149	0,286
CHR7	17410617	CHR7:17410617	SSF x Near_LoA	-10,266	-0,007	0,286
CHR7	17419882	CHR7:17419882	SSF x Near_LoA	-7,943	0,018	0,275
CHR7	17420004	CHR7:17420004	SSF x Near_LoA	-8,599	0,154	0,284
CHR7	1744336	CHR7:1744336	SSF x Near_LoA	-7,609	0,008	0,274
CHR7	1744367	CHR7:1744367	SSF x Near_LoA	-8,577	-0,044	0,303
CHR7	17453367	CHR7:17453367	SSF x Near_LoA	-2,663	0,154	0,277
CHR7	17454828	CHR7:17454828	SSF x Near_LoA	-8,524	0,038	0,283
CHR7	17454936	CHR7:17454936	SSF x Near_LoA	-10,511	-0,034	0,287
CHR7	17464604	CHR7:17464604	SSF x Near_LoA	-8,379	0,107	0,273
CHR7	17479053	CHR7:17479053	SSF x Near_LoA	-8,486	-0,091	0,266
CHR7	17481928	CHR7:17481928	SSF x Near_LoA	-8,050	-0,115	0,297
CHR7	17482032	CHR7:17482032	SSF x Near_LoA	-8,629	-0,143	0,274
CHR7	17482138	CHR7:17482138	SSF x Near_LoA	-6,815	-0,066	0,294
CHR7	17482140	CHR7:17482140	SSF x Near_LoA	-7,165	0,058	0,280
CHR7	1749139	CHR7:1749139	SSF x Near_LoA	-10,293	0,001	0,291
CHR7	1749273	CHR7:1749273	SSF x Near_LoA	-7,832	0,045	0,277
CHR7	1749386	CHR7:1749386	SSF x Near_LoA	-10,694	-0,007	0,280
CHR7	17496328	CHR7:17496328	SSF x Near_LoA	-8,813	0,097	0,293
CHR7	17496341	CHR7:17496341	SSF x Near_LoA	-4,552	0,027	0,290
CHR7	17496481	CHR7:17496481	SSF x Near_LoA	-9,844	-0,041	0,287

CHR7	17512335	CHR7:17512335	SSF x Near_LoA	-10,481	0,090	0,277
CHR7	17512340	CHR7:17512340	SSF x Near_LoA	-7,833	0,038	0,275
CHR7	17512408	CHR7:17512408	SSF x Near_LoA	-9,440	0,001	0,270
CHR7	17512565	CHR7:17512565	SSF x Near_LoA	-6,805	-0,051	0,278
CHR7	17514795	CHR7:17514795	SSF x Near_LoA	-6,801	0,061	0,288
CHR7	17514809	CHR7:17514809	SSF x Near_LoA	-7,684	-0,072	0,283
CHR7	17514834	CHR7:17514834	SSF x Near_LoA	-3,226	-0,054	0,291
CHR7	1751814	CHR7:1751814	SSF x Near_LoA	-7,116	0,158	0,269
CHR7	1751844	CHR7:1751844	SSF x Near_LoA	-10,543	-0,049	0,282
CHR7	1751898	CHR7:1751898	SSF x Near_LoA	-3,772	-0,149	0,280
CHR7	17520768	CHR7:17520768	SSF x Near_LoA	-10,264	-0,027	0,286
CHR7	17520781	CHR7:17520781	SSF x Near_LoA	-8,658	0,027	0,271
CHR7	17520818	CHR7:17520818	SSF x Near_LoA	-7,770	0,022	0,262
CHR7	17520830	CHR7:17520830	SSF x Near_LoA	-9,810	0,067	0,282
CHR7	17523953	CHR7:17523953	SSF x Near_LoA	-7,777	0,036	0,300
CHR7	17524134	CHR7:17524134	SSF x Near_LoA	-7,190	-0,083	0,268
CHR7	17524140	CHR7:17524140	SSF x Near_LoA	-8,927	0,021	0,286
CHR7	17531481	CHR7:17531481	SSF x Near_LoA	-9,616	-0,157	0,288
CHR7	17531495	CHR7:17531495	SSF x Near_LoA	-5,635	0,156	0,276
CHR7	17549296	CHR7:17549296	SSF x Near_LoA	-0,480	-0,211	0,280
CHR7	17549342	CHR7:17549342	SSF x Near_LoA	-8,821	0,027	0,292
CHR7	17549433	CHR7:17549433	SSF x Near_LoA	-7,165	0,138	0,275
CHR7	17556232	CHR7:17556232	SSF x Near_LoA	-8,520	0,080	0,285
CHR7	17556291	CHR7:17556291	SSF x Near_LoA	-7,874	0,066	0,288
CHR7	17556310	CHR7:17556310	SSF x Near_LoA	-9,446	0,013	0,284
CHR7	17556334	CHR7:17556334	SSF x Near_LoA	-10,053	0,000	0,294
CHR7	17556430	CHR7:17556430	SSF x Near_LoA	-9,052	0,062	0,292
CHR7	17556445	CHR7:17556445	SSF x Near_LoA	-8,449	0,055	0,296
CHR7	17556567	CHR7:17556567	SSF x Near_LoA	-10,215	-0,017	0,296
CHR7	1755854	CHR7:1755854	SSF x Near_LoA	-5,221	-0,117	0,283
CHR7	1755867	CHR7:1755867	SSF x Near_LoA	-1,666	0,035	0,302
CHR7	17574602	CHR7:17574602	SSF x Near_LoA	-10,341	-0,045	0,282
CHR7	17575095	CHR7:17575095	SSF x Near_LoA	-8,878	0,100	0,297
CHR7	17580463	CHR7:17580463	SSF x Near_LoA	-6,368	0,069	0,287
CHR7	17580493	CHR7:17580493	SSF x Near_LoA	-5,696	0,161	0,281
CHR7	17584106	CHR7:17584106	SSF x Near_LoA	-7,357	0,093	0,287
CHR7	17584111	CHR7:17584111	SSF x Near_LoA	-8,123	0,046	0,289
CHR7	17585456	CHR7:17585456	SSF x Near_LoA	-6,938	-0,063	0,281
CHR7	17592986	CHR7:17592986	SSF x Near_LoA	-5,919	0,138	0,289
CHR7	17593207	CHR7:17593207	SSF x Near_LoA	-10,114	0,046	0,297
CHR7	17593234	CHR7:17593234	SSF x Near_LoA	-9,746	0,027	0,280
CHR7	17593333	CHR7:17593333	SSF x Near_LoA	-7,178	0,039	0,299
CHR7	17593348	CHR7:17593348	SSF x Near_LoA	-5,925	0,010	0,300
CHR7	17593351	CHR7:17593351	SSF x Near_LoA	-8,333	-0,052	0,280
CHR7	17593376	CHR7:17593376	SSF x Near_LoA	-6,959	0,074	0,288
CHR7	17604214	CHR7:17604214	SSF x Near_LoA	-10,437	-0,075	0,283
CHR7	17604928	CHR7:17604928	SSF x Near_LoA	-9,522	-0,031	0,289
CHR7	17610790	CHR7:17610790	SSF x Near_LoA	-6,707	0,034	0,295
CHR7	17611200	CHR7:17611200	SSF x Near_LoA	-9,512	0,043	0,299
CHR7	17630632	CHR7:17630632	SSF x Near_LoA	-6,411	0,118	0,307
CHR7	17630682	CHR7:17630682	SSF x Near_LoA	-6,004	-0,133	0,282
CHR7	17630806	CHR7:17630806	SSF x Near_LoA	-7,333	0,010	0,297
CHR7	17637248	CHR7:17637248	SSF x Near_LoA	-7,414	-0,002	0,300

CHR7	17637437	CHR7:17637437	SSF x Near_LoA	-8,077	0,077	0,284
CHR7	17637442	CHR7:17637442	SSF x Near_LoA	-10,278	-0,003	0,295
CHR7	17637446	CHR7:17637446	SSF x Near_LoA	-9,464	-0,067	0,284
CHR7	17644815	CHR7:17644815	SSF x Near_LoA	-6,433	0,112	0,288
CHR7	17644840	CHR7:17644840	SSF x Near_LoA	-9,059	0,028	0,294
CHR7	17644887	CHR7:17644887	SSF x Near_LoA	-8,830	0,032	0,294
CHR7	17644975	CHR7:17644975	SSF x Near_LoA	-6,229	-0,081	0,285
CHR7	17645017	CHR7:17645017	SSF x Near_LoA	-10,362	0,082	0,287
CHR7	17645018	CHR7:17645018	SSF x Near_LoA	-8,676	-0,074	0,306
CHR7	17645041	CHR7:17645041	SSF x Near_LoA	-2,938	0,102	0,269
CHR7	17645077	CHR7:17645077	SSF x Near_LoA	-10,408	-0,017	0,289
CHR7	17645106	CHR7:17645106	SSF x Near_LoA	-7,301	-0,064	0,275
CHR7	17652123	CHR7:17652123	SSF x Near_LoA	-9,795	-0,012	0,293
CHR7	17658097	CHR7:17658097	SSF x Near_LoA	-7,238	0,122	0,274
CHR7	17658135	CHR7:17658135	SSF x Near_LoA	-9,545	-0,058	0,284
CHR7	17658137	CHR7:17658137	SSF x Near_LoA	-10,143	-0,054	0,297
CHR7	17658140	CHR7:17658140	SSF x Near_LoA	-10,398	-0,068	0,293
CHR7	17667025	CHR7:17667025	SSF x Near_LoA	-9,922	0,016	0,284
CHR7	17677624	CHR7:17677624	SSF x Near_LoA	-4,671	-0,107	0,289
CHR7	17678343	CHR7:17678343	SSF x Near_LoA	-6,803	0,110	0,280
CHR7	17698093	CHR7:17698093	SSF x Near_LoA	-9,080	0,027	0,276
CHR7	17698226	CHR7:17698226	SSF x Near_LoA	-9,657	0,026	0,288
CHR7	17698281	CHR7:17698281	SSF x Near_LoA	-10,204	0,007	0,280
CHR7	1770696	CHR7:1770696	SSF x Near_LoA	-8,206	-0,107	0,288
CHR7	17708420	CHR7:17708420	SSF x Near_LoA	-7,033	0,183	0,280
CHR7	17708423	CHR7:17708423	SSF x Near_LoA	-9,175	0,066	0,283
CHR7	17708439	CHR7:17708439	SSF x Near_LoA	-10,782	0,064	0,281
CHR7	1771021	CHR7:1771021	SSF x Near_LoA	-9,803	-0,100	0,280
CHR7	17711389	CHR7:17711389	SSF x Near_LoA	-7,648	-0,091	0,280
CHR7	17711414	CHR7:17711414	SSF x Near_LoA	-6,000	-0,136	0,273
CHR7	17714740	CHR7:17714740	SSF x Near_LoA	-10,133	0,064	0,291
CHR7	17714762	CHR7:17714762	SSF x Near_LoA	-6,722	0,024	0,305
CHR7	17714766	CHR7:17714766	SSF x Near_LoA	-8,142	0,016	0,294
CHR7	17714842	CHR7:17714842	SSF x Near_LoA	-8,736	0,002	0,292
CHR7	17714893	CHR7:17714893	SSF x Near_LoA	-5,555	0,156	0,283
CHR7	17714905	CHR7:17714905	SSF x Near_LoA	-8,706	0,029	0,286
CHR7	17717624	CHR7:17717624	SSF x Near_LoA	-9,533	-0,071	0,285
CHR7	1772157	CHR7:1772157	SSF x Near_LoA	-5,830	0,023	0,308
CHR7	17734658	CHR7:17734658	SSF x Near_LoA	-7,171	0,103	0,284
CHR7	1774215	CHR7:1774215	SSF x Near_LoA	-10,743	-0,060	0,276
CHR7	17744516	CHR7:17744516	SSF x Near_LoA	-7,703	0,027	0,288
CHR7	17759657	CHR7:17759657	SSF x Near_LoA	-7,640	-0,105	0,256
CHR7	17759731	CHR7:17759731	SSF x Near_LoA	-7,319	-0,106	0,278
CHR7	17759895	CHR7:17759895	SSF x Near_LoA	-8,858	-0,023	0,282
CHR7	17764466	CHR7:17764466	SSF x Near_LoA	-6,915	0,110	0,283
CHR7	1777509	CHR7:1777509	SSF x Near_LoA	-9,742	-0,053	0,284
CHR7	17793859	CHR7:17793859	SSF x Near_LoA	-7,837	-0,134	0,290
CHR7	17796838	CHR7:17796838	SSF x Near_LoA	-7,673	-0,012	0,279
CHR7	17796844	CHR7:17796844	SSF x Near_LoA	-7,209	0,005	0,300
CHR7	17802101	CHR7:17802101	SSF x Near_LoA	-10,067	0,004	0,279
CHR7	17802119	CHR7:17802119	SSF x Near_LoA	-8,389	0,003	0,287
CHR7	17802271	CHR7:17802271	SSF x Near_LoA	-3,045	0,179	0,267
CHR7	17802311	CHR7:17802311	SSF x Near_LoA	-3,617	0,190	0,267

CHR7	17812011	CHR7:17812011	SSF x Near_LoA	-9,835	-0,041	0,289
CHR7	17812106	CHR7:17812106	SSF x Near_LoA	-10,652	-0,028	0,289
CHR7	17812147	CHR7:17812147	SSF x Near_LoA	-9,672	-0,014	0,275
CHR7	17818602	CHR7:17818602	SSF x Near_LoA	-11,347	0,020	0,272
CHR7	17818647	CHR7:17818647	SSF x Near_LoA	-10,399	-0,032	0,294
CHR7	17818670	CHR7:17818670	SSF x Near_LoA	-7,760	-0,001	0,279
CHR7	17826768	CHR7:17826768	SSF x Near_LoA	-6,768	-0,027	0,294
CHR7	17826901	CHR7:17826901	SSF x Near_LoA	-8,606	0,069	0,273
CHR7	17826902	CHR7:17826902	SSF x Near_LoA	-7,165	-0,135	0,272
CHR7	17828256	CHR7:17828256	SSF x Near_LoA	-8,316	0,017	0,295
CHR7	17828283	CHR7:17828283	SSF x Near_LoA	-3,860	0,141	0,289
CHR7	17828288	CHR7:17828288	SSF x Near_LoA	-6,857	0,113	0,280
CHR7	17828316	CHR7:17828316	SSF x Near_LoA	-7,714	0,073	0,271
CHR7	17831122	CHR7:17831122	SSF x Near_LoA	-9,565	-0,049	0,304
CHR7	17833176	CHR7:17833176	SSF x Near_LoA	-8,695	-0,037	0,293
CHR7	17837054	CHR7:17837054	SSF x Near_LoA	-9,016	0,000	0,280
CHR7	17837058	CHR7:17837058	SSF x Near_LoA	-9,851	-0,031	0,290
CHR7	17837101	CHR7:17837101	SSF x Near_LoA	-7,609	0,000	0,293
CHR7	17838508	CHR7:17838508	SSF x Near_LoA	-8,783	-0,068	0,273
CHR7	17838512	CHR7:17838512	SSF x Near_LoA	-8,363	-0,056	0,280
CHR7	17851931	CHR7:17851931	SSF x Near_LoA	-9,719	-0,065	0,291
CHR7	17852211	CHR7:17852211	SSF x Near_LoA	-6,406	-0,106	0,287
CHR7	17852225	CHR7:17852225	SSF x Near_LoA	-4,763	0,027	0,304
CHR7	17852226	CHR7:17852226	SSF x Near_LoA	-7,499	0,007	0,305
CHR7	17852239	CHR7:17852239	SSF x Near_LoA	-4,434	-0,008	0,288
CHR7	17853428	CHR7:17853428	SSF x Near_LoA	-9,871	0,060	0,295
CHR7	17853575	CHR7:17853575	SSF x Near_LoA	-7,930	0,016	0,286
CHR7	17853586	CHR7:17853586	SSF x Near_LoA	-9,158	0,000	0,295
CHR7	17853598	CHR7:17853598	SSF x Near_LoA	-10,115	0,061	0,278
CHR7	17853632	CHR7:17853632	SSF x Near_LoA	-8,045	-0,056	0,291
CHR7	1785567	CHR7:1785567	SSF x Near_LoA	-9,025	0,129	0,289
CHR7	17862113	CHR7:17862113	SSF x Near_LoA	-7,178	0,103	0,283
CHR7	17862204	CHR7:17862204	SSF x Near_LoA	-9,970	-0,016	0,297
CHR7	17862311	CHR7:17862311	SSF x Near_LoA	-9,811	0,018	0,294
CHR7	17862364	CHR7:17862364	SSF x Near_LoA	-9,246	0,089	0,295
CHR7	17862450	CHR7:17862450	SSF x Near_LoA	1,091	0,054	0,280
CHR7	1786734	CHR7:1786734	SSF x Near_LoA	-7,891	0,016	0,284
CHR7	17868196	CHR7:17868196	SSF x Near_LoA	-4,696	0,126	0,289
CHR7	17868410	CHR7:17868410	SSF x Near_LoA	-6,261	-0,034	0,300
CHR7	1786890	CHR7:1786890	SSF x Near_LoA	-6,615	-0,126	0,278
CHR7	1786911	CHR7:1786911	SSF x Near_LoA	-7,758	0,039	0,289
CHR7	17881314	CHR7:17881314	SSF x Near_LoA	-5,346	-0,159	0,269
CHR7	17881460	CHR7:17881460	SSF x Near_LoA	-5,849	-0,106	0,281
CHR7	17881536	CHR7:17881536	SSF x Near_LoA	-6,876	0,116	0,293
CHR7	17890507	CHR7:17890507	SSF x Near_LoA	-7,963	0,020	0,289
CHR7	17910578	CHR7:17910578	SSF x Near_LoA	-6,950	0,141	0,270
CHR7	17910616	CHR7:17910616	SSF x Near_LoA	-6,232	0,122	0,277
CHR7	17910635	CHR7:17910635	SSF x Near_LoA	-9,228	0,006	0,294
CHR7	17926506	CHR7:17926506	SSF x Near_LoA	-8,256	-0,085	0,286
CHR7	17934116	CHR7:17934116	SSF x Near_LoA	-6,415	-0,120	0,280
CHR7	17934568	CHR7:17934568	SSF x Near_LoA	-10,047	-0,025	0,286
CHR7	17961346	CHR7:17961346	SSF x Near_LoA	-9,893	-0,089	0,294
CHR7	17966733	CHR7:17966733	SSF x Near_LoA	-6,870	0,064	0,292

CHR7	17966919	CHR7:17966919	SSF x Near_LoA	-6,157	-0,091	0,288
CHR7	17966954	CHR7:17966954	SSF x Near_LoA	-8,387	0,149	0,275
CHR7	17970575	CHR7:17970575	SSF x Near_LoA	-8,775	0,069	0,283
CHR7	17985121	CHR7:17985121	SSF x Near_LoA	-9,091	0,035	0,284
CHR7	17985143	CHR7:17985143	SSF x Near_LoA	-8,128	-0,080	0,287
CHR7	17985153	CHR7:17985153	SSF x Near_LoA	-8,086	-0,119	0,276
CHR7	17985186	CHR7:17985186	SSF x Near_LoA	-6,824	0,086	0,292
CHR7	17985187	CHR7:17985187	SSF x Near_LoA	-8,067	0,054	0,281
CHR7	17985266	CHR7:17985266	SSF x Near_LoA	-7,033	0,067	0,297
CHR7	17997755	CHR7:17997755	SSF x Near_LoA	-7,465	-0,202	0,287
CHR7	1801261	CHR7:1801261	SSF x Near_LoA	-9,468	0,055	0,293
CHR7	18012784	CHR7:18012784	SSF x Near_LoA	-8,838	-0,042	0,290
CHR7	18012997	CHR7:18012997	SSF x Near_LoA	-8,282	0,126	0,276
CHR7	1801395	CHR7:1801395	SSF x Near_LoA	-7,306	0,027	0,297
CHR7	1801440	CHR7:1801440	SSF x Near_LoA	-7,596	-0,111	0,292
CHR7	1803985	CHR7:1803985	SSF x Near_LoA	-7,830	-0,033	0,296
CHR7	1804119	CHR7:1804119	SSF x Near_LoA	-7,150	-0,040	0,303
CHR7	1804145	CHR7:1804145	SSF x Near_LoA	-7,189	0,095	0,274
CHR7	18048617	CHR7:18048617	SSF x Near_LoA	-0,638	-0,235	0,265
CHR7	18056689	CHR7:18056689	SSF x Near_LoA	-9,032	0,107	0,277
CHR7	1805857	CHR7:1805857	SSF x Near_LoA	-5,416	0,105	0,289
CHR7	18062770	CHR7:18062770	SSF x Near_LoA	-8,452	0,076	0,288
CHR7	18062782	CHR7:18062782	SSF x Near_LoA	-8,325	-0,099	0,288
CHR7	18064865	CHR7:18064865	SSF x Near_LoA	-5,753	-0,075	0,300
CHR7	18072404	CHR7:18072404	SSF x Near_LoA	-10,629	-0,081	0,281
CHR7	18081540	CHR7:18081540	SSF x Near_LoA	-7,048	-0,155	0,274
CHR7	18081549	CHR7:18081549	SSF x Near_LoA	-8,555	-0,030	0,274
CHR7	18081954	CHR7:18081954	SSF x Near_LoA	-10,317	0,038	0,276
CHR7	18081990	CHR7:18081990	SSF x Near_LoA	-8,603	0,047	0,285
CHR7	18082018	CHR7:18082018	SSF x Near_LoA	-8,083	-0,035	0,278
CHR7	1808726	CHR7:1808726	SSF x Near_LoA	-9,587	0,072	0,276
CHR7	18087832	CHR7:18087832	SSF x Near_LoA	-9,256	0,000	0,288
CHR7	18087843	CHR7:18087843	SSF x Near_LoA	-8,972	0,034	0,291
CHR7	18087878	CHR7:18087878	SSF x Near_LoA	-3,244	-0,019	0,286
CHR7	18087884	CHR7:18087884	SSF x Near_LoA	-8,855	0,128	0,287
CHR7	18095539	CHR7:18095539	SSF x Near_LoA	-9,766	-0,011	0,294
CHR7	1809778	CHR7:1809778	SSF x Near_LoA	-8,461	-0,056	0,272
CHR7	18099283	CHR7:18099283	SSF x Near_LoA	-6,871	0,128	0,287
CHR7	18104910	CHR7:18104910	SSF x Near_LoA	-8,707	0,159	0,278
CHR7	18108113	CHR7:18108113	SSF x Near_LoA	-6,581	-0,003	0,294
CHR7	18108125	CHR7:18108125	SSF x Near_LoA	-8,266	0,087	0,289
CHR7	18108148	CHR7:18108148	SSF x Near_LoA	-9,509	-0,072	0,287
CHR7	18119708	CHR7:18119708	SSF x Near_LoA	-8,102	0,108	0,282
CHR7	18119726	CHR7:18119726	SSF x Near_LoA	-8,011	-0,052	0,291
CHR7	18119749	CHR7:18119749	SSF x Near_LoA	-9,034	0,156	0,276
CHR7	18119779	CHR7:18119779	SSF x Near_LoA	-7,099	0,073	0,287
CHR7	18119840	CHR7:18119840	SSF x Near_LoA	-7,898	-0,040	0,284
CHR7	18121704	CHR7:18121704	SSF x Near_LoA	-9,573	-0,063	0,266
CHR7	18121721	CHR7:18121721	SSF x Near_LoA	-6,519	0,046	0,288
CHR7	18121730	CHR7:18121730	SSF x Near_LoA	-8,090	0,110	0,278
CHR7	18121737	CHR7:18121737	SSF x Near_LoA	-8,271	0,088	0,285
CHR7	18121798	CHR7:18121798	SSF x Near_LoA	-8,589	0,005	0,279
CHR7	18121814	CHR7:18121814	SSF x Near_LoA	-7,681	0,015	0,303

CHR7	18126249	CHR7:18126249	SSF x Near_LoA	7,906	-0,209	0,281
CHR7	18126412	CHR7:18126412	SSF x Near_LoA	-9,289	-0,132	0,264
CHR7	18126484	CHR7:18126484	SSF x Near_LoA	-7,382	-0,109	0,277
CHR7	18126505	CHR7:18126505	SSF x Near_LoA	-4,122	-0,136	0,285
CHR7	18126532	CHR7:18126532	SSF x Near_LoA	-9,502	-0,104	0,289
CHR7	18126556	CHR7:18126556	SSF x Near_LoA	-6,962	-0,132	0,298
CHR7	1812960	CHR7:1812960	SSF x Near_LoA	-9,669	-0,042	0,269
CHR7	18135263	CHR7:18135263	SSF x Near_LoA	-10,487	-0,037	0,272
CHR7	18135280	CHR7:18135280	SSF x Near_LoA	-10,087	0,053	0,281
CHR7	18135350	CHR7:18135350	SSF x Near_LoA	-9,150	0,045	0,270
CHR7	18135383	CHR7:18135383	SSF x Near_LoA	-7,638	-0,023	0,292
CHR7	18135477	CHR7:18135477	SSF x Near_LoA	-10,172	0,017	0,280
CHR7	18135504	CHR7:18135504	SSF x Near_LoA	-9,097	-0,026	0,286
CHR7	18135533	CHR7:18135533	SSF x Near_LoA	-7,877	-0,060	0,288
CHR7	18153037	CHR7:18153037	SSF x Near_LoA	-7,694	0,114	0,283
CHR7	18153071	CHR7:18153071	SSF x Near_LoA	-5,999	0,159	0,278
CHR7	18153102	CHR7:18153102	SSF x Near_LoA	-9,607	0,022	0,283
CHR7	18153187	CHR7:18153187	SSF x Near_LoA	-5,057	-0,094	0,301
CHR7	18153234	CHR7:18153234	SSF x Near_LoA	-8,662	-0,044	0,291
CHR7	1816727	CHR7:1816727	SSF x Near_LoA	-4,748	-0,009	0,257
CHR7	1816817	CHR7:1816817	SSF x Near_LoA	-7,949	0,013	0,278
CHR7	1816872	CHR7:1816872	SSF x Near_LoA	-6,523	-0,155	0,283
CHR7	18168866	CHR7:18168866	SSF x Near_LoA	-0,343	0,227	0,266
CHR7	1816890	CHR7:1816890	SSF x Near_LoA	-8,477	-0,087	0,284
CHR7	18187002	CHR7:18187002	SSF x Near_LoA	-6,421	-0,052	0,279
CHR7	18191068	CHR7:18191068	SSF x Near_LoA	-10,104	0,104	0,277
CHR7	18198084	CHR7:18198084	SSF x Near_LoA	-6,984	0,029	0,295
CHR7	18199629	CHR7:18199629	SSF x Near_LoA	-10,154	0,001	0,277
CHR7	18203002	CHR7:18203002	SSF x Near_LoA	-6,920	-0,166	0,290
CHR7	18222754	CHR7:18222754	SSF x Near_LoA	-8,695	-0,092	0,299
CHR7	18222755	CHR7:18222755	SSF x Near_LoA	-7,497	-0,083	0,291
CHR7	18222759	CHR7:18222759	SSF x Near_LoA	-9,322	-0,081	0,279
CHR7	18226869	CHR7:18226869	SSF x Near_LoA	-6,872	-0,118	0,290
CHR7	18226906	CHR7:18226906	SSF x Near_LoA	-9,843	0,039	0,295
CHR7	18226950	CHR7:18226950	SSF x Near_LoA	-9,314	0,074	0,273
CHR7	18226951	CHR7:18226951	SSF x Near_LoA	-9,583	0,053	0,288
CHR7	18226996	CHR7:18226996	SSF x Near_LoA	-8,431	-0,037	0,282
CHR7	18227098	CHR7:18227098	SSF x Near_LoA	-7,918	-0,091	0,283
CHR7	18227125	CHR7:18227125	SSF x Near_LoA	-8,588	-0,140	0,287
CHR7	18227147	CHR7:18227147	SSF x Near_LoA	-9,956	-0,077	0,282
CHR7	18227254	CHR7:18227254	SSF x Near_LoA	-3,354	-0,197	0,279
CHR7	18229974	CHR7:18229974	SSF x Near_LoA	-7,108	-0,047	0,283
CHR7	18230005	CHR7:18230005	SSF x Near_LoA	-5,037	-0,123	0,276
CHR7	18230096	CHR7:18230096	SSF x Near_LoA	-9,386	-0,017	0,290
CHR7	18230191	CHR7:18230191	SSF x Near_LoA	-4,744	-0,175	0,290
CHR7	18230242	CHR7:18230242	SSF x Near_LoA	-10,560	-0,017	0,290
CHR7	18231998	CHR7:18231998	SSF x Near_LoA	-7,187	-0,031	0,310
CHR7	18232071	CHR7:18232071	SSF x Near_LoA	-8,277	-0,072	0,279
CHR7	18232102	CHR7:18232102	SSF x Near_LoA	-6,654	-0,110	0,283
CHR7	18232128	CHR7:18232128	SSF x Near_LoA	-5,972	-0,143	0,294
CHR7	18232144	CHR7:18232144	SSF x Near_LoA	-5,420	-0,184	0,275
CHR7	18232181	CHR7:18232181	SSF x Near_LoA	-9,849	-0,064	0,273
CHR7	18235304	CHR7:18235304	SSF x Near_LoA	-3,062	-0,122	0,278

CHR7	18235460	CHR7:18235460	SSF x Near_LoA	-11,348	0,016	0,277
CHR7	18238501	CHR7:18238501	SSF x Near_LoA	-9,567	-0,026	0,288
CHR7	18238539	CHR7:18238539	SSF x Near_LoA	-4,440	0,095	0,276
CHR7	18238582	CHR7:18238582	SSF x Near_LoA	-8,463	-0,018	0,288
CHR7	18266338	CHR7:18266338	SSF x Near_LoA	-9,507	0,081	0,274
CHR7	18266347	CHR7:18266347	SSF x Near_LoA	-10,349	0,077	0,278
CHR7	18266402	CHR7:18266402	SSF x Near_LoA	-10,005	0,073	0,274
CHR7	1828904	CHR7:1828904	SSF x Near_LoA	-6,620	0,122	0,290
CHR7	1828967	CHR7:1828967	SSF x Near_LoA	-7,000	-0,035	0,290
CHR7	1828979	CHR7:1828979	SSF x Near_LoA	-7,834	0,005	0,283
CHR7	1829577	CHR7:1829577	SSF x Near_LoA	-6,839	-0,077	0,295
CHR7	1829638	CHR7:1829638	SSF x Near_LoA	-7,260	0,019	0,298
CHR7	18303737	CHR7:18303737	SSF x Near_LoA	-7,676	-0,033	0,281
CHR7	18303766	CHR7:18303766	SSF x Near_LoA	-8,770	-0,163	0,270
CHR7	18303809	CHR7:18303809	SSF x Near_LoA	-7,487	-0,003	0,273
CHR7	18313906	CHR7:18313906	SSF x Near_LoA	-8,270	0,156	0,284
CHR7	18314018	CHR7:18314018	SSF x Near_LoA	-8,394	0,141	0,277
CHR7	18314031	CHR7:18314031	SSF x Near_LoA	-10,793	-0,054	0,278
CHR7	18314169	CHR7:18314169	SSF x Near_LoA	-3,281	-0,119	0,278
CHR7	18317259	CHR7:18317259	SSF x Near_LoA	-9,966	-0,063	0,287
CHR7	18318722	CHR7:18318722	SSF x Near_LoA	-8,081	-0,004	0,300
CHR7	18318860	CHR7:18318860	SSF x Near_LoA	-7,879	0,089	0,285
CHR7	18318892	CHR7:18318892	SSF x Near_LoA	-7,379	0,164	0,276
CHR7	18319031	CHR7:18319031	SSF x Near_LoA	-9,708	-0,006	0,306
CHR7	18393122	CHR7:18393122	SSF x Near_LoA	-8,883	0,075	0,296
CHR7	18393246	CHR7:18393246	SSF x Near_LoA	-6,459	-0,009	0,282
CHR7	18393481	CHR7:18393481	SSF x Near_LoA	-9,128	-0,073	0,290
CHR7	18402351	CHR7:18402351	SSF x Near_LoA	-7,416	-0,051	0,302
CHR7	18402425	CHR7:18402425	SSF x Near_LoA	-7,710	-0,017	0,288
CHR7	18402561	CHR7:18402561	SSF x Near_LoA	-10,768	0,039	0,266
CHR7	18405360	CHR7:18405360	SSF x Near_LoA	-8,045	-0,131	0,270
CHR7	18405364	CHR7:18405364	SSF x Near_LoA	-6,574	-0,163	0,286
CHR7	18405387	CHR7:18405387	SSF x Near_LoA	-6,108	-0,158	0,268
CHR7	18405390	CHR7:18405390	SSF x Near_LoA	-10,833	0,020	0,291
CHR7	18405397	CHR7:18405397	SSF x Near_LoA	-5,753	-0,137	0,289
CHR7	18405429	CHR7:18405429	SSF x Near_LoA	-5,786	0,153	0,287
CHR7	18405434	CHR7:18405434	SSF x Near_LoA	-9,856	0,063	0,287
CHR7	18405435	CHR7:18405435	SSF x Near_LoA	-10,002	-0,033	0,292
CHR7	18405438	CHR7:18405438	SSF x Near_LoA	-6,407	0,180	0,278
CHR7	18411901	CHR7:18411901	SSF x Near_LoA	-7,696	-0,157	0,279
CHR7	18411937	CHR7:18411937	SSF x Near_LoA	-9,908	0,008	0,287
CHR7	18418881	CHR7:18418881	SSF x Near_LoA	-7,769	-0,098	0,285
CHR7	18444654	CHR7:18444654	SSF x Near_LoA	-9,843	-0,063	0,273
CHR7	18445404	CHR7:18445404	SSF x Near_LoA	-9,993	0,002	0,296
CHR7	18445476	CHR7:18445476	SSF x Near_LoA	-8,017	0,046	0,288
CHR7	18445554	CHR7:18445554	SSF x Near_LoA	2,798	-0,083	0,281
CHR7	18445590	CHR7:18445590	SSF x Near_LoA	-8,786	0,020	0,285
CHR7	1845028	CHR7:1845028	SSF x Near_LoA	-4,979	-0,160	0,278
CHR7	18451236	CHR7:18451236	SSF x Near_LoA	-5,352	-0,119	0,277
CHR7	18451240	CHR7:18451240	SSF x Near_LoA	-4,102	-0,112	0,297
CHR7	18451309	CHR7:18451309	SSF x Near_LoA	-5,922	-0,149	0,267
CHR7	18451432	CHR7:18451432	SSF x Near_LoA	-7,134	-0,112	0,284
CHR7	18451458	CHR7:18451458	SSF x Near_LoA	-6,364	0,073	0,278

CHR7	18451464	CHR7:18451464	SSF x Near_LoA	-6,786	-0,008	0,304
CHR7	18451475	CHR7:18451475	SSF x Near_LoA	-9,548	0,012	0,279
CHR7	1846765	CHR7:1846765	SSF x Near_LoA	-8,506	0,045	0,301
CHR7	18540100	CHR7:18540100	SSF x Near_LoA	-5,855	0,138	0,273
CHR7	18558759	CHR7:18558759	SSF x Near_LoA	-9,563	-0,022	0,308
CHR7	18558762	CHR7:18558762	SSF x Near_LoA	-7,380	0,156	0,277
CHR7	18558767	CHR7:18558767	SSF x Near_LoA	-10,521	-0,014	0,290
CHR7	18562286	CHR7:18562286	SSF x Near_LoA	-10,219	-0,074	0,282
CHR7	18577904	CHR7:18577904	SSF x Near_LoA	-8,136	-0,008	0,294
CHR7	18578007	CHR7:18578007	SSF x Near_LoA	-1,660	0,162	0,284
CHR7	18578011	CHR7:18578011	SSF x Near_LoA	-5,724	0,179	0,279
CHR7	18596594	CHR7:18596594	SSF x Near_LoA	-5,252	0,074	0,299
CHR7	18596649	CHR7:18596649	SSF x Near_LoA	-9,517	0,007	0,277
CHR7	1860120	CHR7:1860120	SSF x Near_LoA	-7,472	-0,026	0,294
CHR7	1860122	CHR7:1860122	SSF x Near_LoA	-7,375	-0,154	0,285
CHR7	18604193	CHR7:18604193	SSF x Near_LoA	-6,746	0,085	0,279
CHR7	1861402	CHR7:1861402	SSF x Near_LoA	-9,000	0,049	0,281
CHR7	1861517	CHR7:1861517	SSF x Near_LoA	-11,345	-0,036	0,269
CHR7	1861522	CHR7:1861522	SSF x Near_LoA	-9,328	-0,081	0,281
CHR7	1861593	CHR7:1861593	SSF x Near_LoA	-9,987	-0,069	0,284
CHR7	1861741	CHR7:1861741	SSF x Near_LoA	-10,081	0,130	0,274
CHR7	1862594	CHR7:1862594	SSF x Near_LoA	-7,940	-0,033	0,284
CHR7	1862676	CHR7:1862676	SSF x Near_LoA	-10,331	-0,068	0,283
CHR7	1862678	CHR7:1862678	SSF x Near_LoA	-4,869	0,184	0,277
CHR7	1862685	CHR7:1862685	SSF x Near_LoA	-3,374	-0,261	0,262
CHR7	1862697	CHR7:1862697	SSF x Near_LoA	-5,999	-0,214	0,268
CHR7	18643649	CHR7:18643649	SSF x Near_LoA	-6,817	0,136	0,286
CHR7	18643660	CHR7:18643660	SSF x Near_LoA	-9,909	0,033	0,293
CHR7	18643713	CHR7:18643713	SSF x Near_LoA	-7,600	-0,119	0,291
CHR7	18643724	CHR7:18643724	SSF x Near_LoA	-0,519	-0,158	0,288
CHR7	18643726	CHR7:18643726	SSF x Near_LoA	-8,113	0,145	0,286
CHR7	18643728	CHR7:18643728	SSF x Near_LoA	-9,267	-0,065	0,279
CHR7	18643808	CHR7:18643808	SSF x Near_LoA	-9,650	-0,079	0,294
CHR7	1868518	CHR7:1868518	SSF x Near_LoA	-6,702	0,037	0,295
CHR7	1868573	CHR7:1868573	SSF x Near_LoA	-9,964	-0,025	0,293
CHR7	1868746	CHR7:1868746	SSF x Near_LoA	-7,266	-0,035	0,295
CHR7	1868768	CHR7:1868768	SSF x Near_LoA	-10,407	-0,083	0,279
CHR7	1868774	CHR7:1868774	SSF x Near_LoA	-6,644	-0,085	0,291
CHR7	18700755	CHR7:18700755	SSF x Near_LoA	-8,044	0,011	0,287
CHR7	18700792	CHR7:18700792	SSF x Near_LoA	-8,218	-0,032	0,284
CHR7	18711679	CHR7:18711679	SSF x Near_LoA	-5,447	0,026	0,287
CHR7	18711727	CHR7:18711727	SSF x Near_LoA	-9,237	0,063	0,285
CHR7	18711750	CHR7:18711750	SSF x Near_LoA	-7,758	0,046	0,300
CHR7	18714702	CHR7:18714702	SSF x Near_LoA	-4,746	0,008	0,296
CHR7	18737264	CHR7:18737264	SSF x Near_LoA	-8,422	0,139	0,271
CHR7	18737527	CHR7:18737527	SSF x Near_LoA	-9,914	0,136	0,287
CHR7	18737584	CHR7:18737584	SSF x Near_LoA	-7,824	0,059	0,279
CHR7	18752693	CHR7:18752693	SSF x Near_LoA	-6,258	-0,132	0,287
CHR7	18752702	CHR7:18752702	SSF x Near_LoA	-3,782	-0,114	0,289
CHR7	18752736	CHR7:18752736	SSF x Near_LoA	-5,687	0,119	0,292
CHR7	18752804	CHR7:18752804	SSF x Near_LoA	-7,000	0,078	0,295
CHR7	18752820	CHR7:18752820	SSF x Near_LoA	-7,892	0,113	0,295
CHR7	18752935	CHR7:18752935	SSF x Near_LoA	-5,933	0,131	0,296

CHR7	18753115	CHR7:18753115	SSF x Near_LoA	-9,397	-0,095	0,280
CHR7	18775668	CHR7:18775668	SSF x Near_LoA	-6,927	0,008	0,289
CHR7	18775692	CHR7:18775692	SSF x Near_LoA	-7,611	0,012	0,280
CHR7	1877923	CHR7:1877923	SSF x Near_LoA	-7,893	0,089	0,289
CHR7	18813507	CHR7:18813507	SSF x Near_LoA	-8,391	0,021	0,306
CHR7	18813651	CHR7:18813651	SSF x Near_LoA	-7,586	0,104	0,295
CHR7	18817090	CHR7:18817090	SSF x Near_LoA	-7,101	0,098	0,278
CHR7	18817095	CHR7:18817095	SSF x Near_LoA	-4,829	-0,146	0,299
CHR7	18817122	CHR7:18817122	SSF x Near_LoA	-3,950	-0,246	0,256
CHR7	18817190	CHR7:18817190	SSF x Near_LoA	-6,919	-0,040	0,302
CHR7	18817211	CHR7:18817211	SSF x Near_LoA	0,090	-0,258	0,281
CHR7	18823179	CHR7:18823179	SSF x Near_LoA	-9,621	-0,049	0,285
CHR7	18823184	CHR7:18823184	SSF x Near_LoA	-9,787	-0,053	0,275
CHR7	18823186	CHR7:18823186	SSF x Near_LoA	-7,445	-0,096	0,297
CHR7	18823205	CHR7:18823205	SSF x Near_LoA	-8,575	-0,094	0,286
CHR7	18823209	CHR7:18823209	SSF x Near_LoA	-9,602	-0,095	0,294
CHR7	18823273	CHR7:18823273	SSF x Near_LoA	-7,453	0,085	0,288
CHR7	18832370	CHR7:18832370	SSF x Near_LoA	-10,350	-0,024	0,288
CHR7	18841994	CHR7:18841994	SSF x Near_LoA	-9,534	0,130	0,281
CHR7	18842127	CHR7:18842127	SSF x Near_LoA	-5,621	0,120	0,268
CHR7	18851134	CHR7:18851134	SSF x Near_LoA	-5,918	-0,071	0,286
CHR7	18872430	CHR7:18872430	SSF x Near_LoA	-7,076	-0,146	0,283
CHR7	18872439	CHR7:18872439	SSF x Near_LoA	-8,604	-0,130	0,278
CHR7	18872538	CHR7:18872538	SSF x Near_LoA	-9,993	-0,059	0,291
CHR7	18872663	CHR7:18872663	SSF x Near_LoA	-7,973	-0,039	0,289
CHR7	18887098	CHR7:18887098	SSF x Near_LoA	-7,916	-0,024	0,281
CHR7	18887172	CHR7:18887172	SSF x Near_LoA	-6,995	0,096	0,290
CHR7	18887319	CHR7:18887319	SSF x Near_LoA	-7,652	0,028	0,296
CHR7	1891179	CHR7:1891179	SSF x Near_LoA	-4,121	-0,125	0,292
CHR7	18912271	CHR7:18912271	SSF x Near_LoA	-10,046	0,005	0,275
CHR7	1891229	CHR7:1891229	SSF x Near_LoA	-7,067	0,007	0,292
CHR7	18946757	CHR7:18946757	SSF x Near_LoA	-9,326	0,047	0,295
CHR7	18952345	CHR7:18952345	SSF x Near_LoA	-7,223	-0,036	0,300
CHR7	18970007	CHR7:18970007	SSF x Near_LoA	-5,711	0,114	0,286
CHR7	18970029	CHR7:18970029	SSF x Near_LoA	-7,829	0,136	0,298
CHR7	18970052	CHR7:18970052	SSF x Near_LoA	-7,234	0,051	0,299
CHR7	18970101	CHR7:18970101	SSF x Near_LoA	-8,277	-0,007	0,295
CHR7	18970191	CHR7:18970191	SSF x Near_LoA	-4,400	0,164	0,276
CHR7	18970192	CHR7:18970192	SSF x Near_LoA	-8,792	-0,053	0,296
CHR7	18970323	CHR7:18970323	SSF x Near_LoA	-6,207	-0,065	0,284
CHR7	18970370	CHR7:18970370	SSF x Near_LoA	-4,547	0,183	0,267
CHR7	18970388	CHR7:18970388	SSF x Near_LoA	-3,799	0,182	0,262
CHR7	18970391	CHR7:18970391	SSF x Near_LoA	-6,685	0,154	0,279
CHR7	18970396	CHR7:18970396	SSF x Near_LoA	-5,906	0,179	0,276
CHR7	18970403	CHR7:18970403	SSF x Near_LoA	-8,138	-0,101	0,291
CHR7	18988503	CHR7:18988503	SSF x Near_LoA	-8,541	-0,138	0,292
CHR7	18996306	CHR7:18996306	SSF x Near_LoA	-7,156	-0,099	0,292
CHR7	19021881	CHR7:19021881	SSF x Near_LoA	-8,340	0,065	0,297
CHR7	19021936	CHR7:19021936	SSF x Near_LoA	7,048	-0,031	0,282
CHR7	19022781	CHR7:19022781	SSF x Near_LoA	-7,136	0,019	0,304
CHR7	19022790	CHR7:19022790	SSF x Near_LoA	-7,220	-0,092	0,280
CHR7	19022793	CHR7:19022793	SSF x Near_LoA	-6,465	-0,073	0,294
CHR7	19022828	CHR7:19022828	SSF x Near_LoA	-5,673	0,207	0,266

CHR7	19022848	CHR7:19022848	SSF x Near_LoA	-7,889	-0,018	0,284
CHR7	19022852	CHR7:19022852	SSF x Near_LoA	-2,804	0,217	0,269
CHR7	19041029	CHR7:19041029	SSF x Near_LoA	-10,753	-0,007	0,295
CHR7	19054606	CHR7:19054606	SSF x Near_LoA	-5,720	-0,143	0,282
CHR7	19054687	CHR7:19054687	SSF x Near_LoA	-7,155	-0,151	0,284
CHR7	19054784	CHR7:19054784	SSF x Near_LoA	-8,532	0,099	0,295
CHR7	19060653	CHR7:19060653	SSF x Near_LoA	-7,931	0,120	0,273
CHR7	19060823	CHR7:19060823	SSF x Near_LoA	-9,281	-0,003	0,292
CHR7	19060832	CHR7:19060832	SSF x Near_LoA	1,087	-0,004	0,289
CHR7	19079517	CHR7:19079517	SSF x Near_LoA	-3,893	-0,157	0,277
CHR7	19079527	CHR7:19079527	SSF x Near_LoA	-6,412	0,094	0,282
CHR7	19079532	CHR7:19079532	SSF x Near_LoA	-5,546	-0,148	0,272
CHR7	19079603	CHR7:19079603	SSF x Near_LoA	-7,839	0,055	0,270
CHR7	19079604	CHR7:19079604	SSF x Near_LoA	-6,802	0,051	0,282
CHR7	19079610	CHR7:19079610	SSF x Near_LoA	-5,640	0,033	0,275
CHR7	19084470	CHR7:19084470	SSF x Near_LoA	-8,444	0,011	0,284
CHR7	19084482	CHR7:19084482	SSF x Near_LoA	-10,532	0,001	0,286
CHR7	19084518	CHR7:19084518	SSF x Near_LoA	-2,588	-0,266	0,262
CHR7	19097341	CHR7:19097341	SSF x Near_LoA	-9,712	-0,019	0,284
CHR7	19130038	CHR7:19130038	SSF x Near_LoA	-3,975	0,163	0,284
CHR7	19130076	CHR7:19130076	SSF x Near_LoA	-9,670	-0,007	0,287
CHR7	19131200	CHR7:19131200	SSF x Near_LoA	-8,060	-0,076	0,284
CHR7	19136195	CHR7:19136195	SSF x Near_LoA	-4,771	0,115	0,287
CHR7	19136308	CHR7:19136308	SSF x Near_LoA	-8,399	-0,006	0,281
CHR7	19136465	CHR7:19136465	SSF x Near_LoA	-7,029	0,036	0,304
CHR7	19136473	CHR7:19136473	SSF x Near_LoA	-9,296	0,044	0,291
CHR7	19139530	CHR7:19139530	SSF x Near_LoA	-9,047	-0,129	0,289
CHR7	19139727	CHR7:19139727	SSF x Near_LoA	-8,577	0,027	0,296
CHR7	19151623	CHR7:19151623	SSF x Near_LoA	-6,921	-0,052	0,292
CHR7	19151691	CHR7:19151691	SSF x Near_LoA	-5,006	-0,062	0,271
CHR7	19154042	CHR7:19154042	SSF x Near_LoA	-9,648	0,053	0,281
CHR7	19154291	CHR7:19154291	SSF x Near_LoA	-7,069	-0,118	0,288
CHR7	1915879	CHR7:1915879	SSF x Near_LoA	-7,149	-0,024	0,277
CHR7	19160226	CHR7:19160226	SSF x Near_LoA	-8,422	0,104	0,279
CHR7	1916042	CHR7:1916042	SSF x Near_LoA	-9,060	-0,079	0,283
CHR7	19161310	CHR7:19161310	SSF x Near_LoA	-4,949	0,163	0,278
CHR7	1917011	CHR7:1917011	SSF x Near_LoA	-8,647	-0,142	0,299
CHR7	1917014	CHR7:1917014	SSF x Near_LoA	-9,583	-0,142	0,285
CHR7	1917015	CHR7:1917015	SSF x Near_LoA	-7,963	-0,126	0,275
CHR7	19181996	CHR7:19181996	SSF x Near_LoA	-7,889	0,116	0,279
CHR7	19184408	CHR7:19184408	SSF x Near_LoA	-6,279	-0,068	0,279
CHR7	19184639	CHR7:19184639	SSF x Near_LoA	-10,596	0,063	0,282
CHR7	19192388	CHR7:19192388	SSF x Near_LoA	-7,996	-0,174	0,275
CHR7	19192517	CHR7:19192517	SSF x Near_LoA	-9,539	0,047	0,289
CHR7	19207754	CHR7:19207754	SSF x Near_LoA	-8,214	-0,012	0,290
CHR7	19207796	CHR7:19207796	SSF x Near_LoA	-8,468	-0,020	0,293
CHR7	19248330	CHR7:19248330	SSF x Near_LoA	-5,490	0,102	0,284
CHR7	19249662	CHR7:19249662	SSF x Near_LoA	-7,844	0,029	0,282
CHR7	19249711	CHR7:19249711	SSF x Near_LoA	-8,805	-0,052	0,277
CHR7	19257477	CHR7:19257477	SSF x Near_LoA	-4,765	0,070	0,294
CHR7	19257505	CHR7:19257505	SSF x Near_LoA	-8,840	-0,009	0,290
CHR7	19257543	CHR7:19257543	SSF x Near_LoA	-5,885	-0,093	0,285
CHR7	19257544	CHR7:19257544	SSF x Near_LoA	-8,327	-0,085	0,288

CHR7	19257609	CHR7:19257609	SSF x Near_LoA	-9,928	0,025	0,285
CHR7	19257774	CHR7:19257774	SSF x Near_LoA	-6,983	0,025	0,295
CHR7	19261780	CHR7:19261780	SSF x Near_LoA	-10,060	-0,001	0,285
CHR7	19283161	CHR7:19283161	SSF x Near_LoA	-7,535	-0,185	0,266
CHR7	19283244	CHR7:19283244	SSF x Near_LoA	-8,389	-0,007	0,290
CHR7	19283289	CHR7:19283289	SSF x Near_LoA	0,285	-0,229	0,296
CHR7	19295755	CHR7:19295755	SSF x Near_LoA	-8,691	-0,062	0,298
CHR7	19296463	CHR7:19296463	SSF x Near_LoA	-8,347	-0,117	0,278
CHR7	19296494	CHR7:19296494	SSF x Near_LoA	-6,502	-0,134	0,278
CHR7	19296544	CHR7:19296544	SSF x Near_LoA	-7,110	-0,003	0,285
CHR7	19297709	CHR7:19297709	SSF x Near_LoA	-6,383	-0,194	0,282
CHR7	19300516	CHR7:19300516	SSF x Near_LoA	-4,282	0,253	0,262
CHR7	19304265	CHR7:19304265	SSF x Near_LoA	-10,361	0,075	0,278
CHR7	19304275	CHR7:19304275	SSF x Near_LoA	-9,470	0,045	0,285
CHR7	19304359	CHR7:19304359	SSF x Near_LoA	-8,665	0,031	0,281
CHR7	19304380	CHR7:19304380	SSF x Near_LoA	-11,148	0,028	0,273
CHR7	19304404	CHR7:19304404	SSF x Near_LoA	-9,326	0,015	0,295
CHR7	19304520	CHR7:19304520	SSF x Near_LoA	-8,856	-0,062	0,302
CHR7	19311238	CHR7:19311238	SSF x Near_LoA	-8,934	0,008	0,277
CHR7	19311259	CHR7:19311259	SSF x Near_LoA	-9,335	-0,017	0,274
CHR7	19348180	CHR7:19348180	SSF x Near_LoA	-4,811	0,101	0,282
CHR7	19348306	CHR7:19348306	SSF x Near_LoA	-4,517	0,211	0,264
CHR7	19348462	CHR7:19348462	SSF x Near_LoA	-9,962	0,061	0,266
CHR7	19348472	CHR7:19348472	SSF x Near_LoA	-9,058	0,051	0,274
CHR7	19352023	CHR7:19352023	SSF x Near_LoA	-0,063	0,054	0,288
CHR7	19352097	CHR7:19352097	SSF x Near_LoA	-8,023	-0,034	0,296
CHR7	19402519	CHR7:19402519	SSF x Near_LoA	-8,682	0,040	0,278
CHR7	19407244	CHR7:19407244	SSF x Near_LoA	-7,175	-0,037	0,292
CHR7	19407261	CHR7:19407261	SSF x Near_LoA	-8,660	-0,027	0,287
CHR7	19407262	CHR7:19407262	SSF x Near_LoA	-7,290	-0,046	0,288
CHR7	19407292	CHR7:19407292	SSF x Near_LoA	-7,864	-0,030	0,286
CHR7	19407388	CHR7:19407388	SSF x Near_LoA	-8,895	0,078	0,285
CHR7	19407460	CHR7:19407460	SSF x Near_LoA	-6,696	0,119	0,276
CHR7	19407538	CHR7:19407538	SSF x Near_LoA	3,070	0,119	0,298
CHR7	19407550	CHR7:19407550	SSF x Near_LoA	-7,813	-0,001	0,291
CHR7	19415635	CHR7:19415635	SSF x Near_LoA	-7,252	-0,158	0,279
CHR7	19415736	CHR7:19415736	SSF x Near_LoA	-9,907	0,027	0,280
CHR7	19415745	CHR7:19415745	SSF x Near_LoA	-2,573	-0,044	0,299
CHR7	19420235	CHR7:19420235	SSF x Near_LoA	-4,065	-0,277	0,269
CHR7	19420342	CHR7:19420342	SSF x Near_LoA	-10,177	0,017	0,282
CHR7	19420409	CHR7:19420409	SSF x Near_LoA	-6,227	-0,032	0,298
CHR7	19420445	CHR7:19420445	SSF x Near_LoA	-7,830	-0,046	0,288
CHR7	19420446	CHR7:19420446	SSF x Near_LoA	-8,739	-0,057	0,276
CHR7	19421285	CHR7:19421285	SSF x Near_LoA	-9,726	-0,039	0,287
CHR7	19423126	CHR7:19423126	SSF x Near_LoA	-6,265	-0,187	0,276
CHR7	19423300	CHR7:19423300	SSF x Near_LoA	-7,063	0,051	0,285
CHR7	19427320	CHR7:19427320	SSF x Near_LoA	-8,900	-0,040	0,297
CHR7	19430705	CHR7:19430705	SSF x Near_LoA	-7,322	0,062	0,289
CHR7	19430749	CHR7:19430749	SSF x Near_LoA	-9,331	-0,013	0,305
CHR7	19431124	CHR7:19431124	SSF x Near_LoA	-7,647	-0,094	0,299
CHR7	19431193	CHR7:19431193	SSF x Near_LoA	-6,635	0,017	0,287
CHR7	19431228	CHR7:19431228	SSF x Near_LoA	-10,280	-0,122	0,283
CHR7	1943479	CHR7:1943479	SSF x Near_LoA	-10,078	-0,040	0,277

CHR7	19441768	CHR7:19441768	SSF x Near_LoA	-4,286	-0,134	0,282
CHR7	19448242	CHR7:19448242	SSF x Near_LoA	-10,008	-0,056	0,270
CHR7	19448565	CHR7:19448565	SSF x Near_LoA	-9,112	0,095	0,259
CHR7	19454303	CHR7:19454303	SSF x Near_LoA	-7,615	-0,185	0,283
CHR7	19454356	CHR7:19454356	SSF x Near_LoA	-7,469	-0,062	0,286
CHR7	19454502	CHR7:19454502	SSF x Near_LoA	-3,491	-0,192	0,277
CHR7	19461384	CHR7:19461384	SSF x Near_LoA	-7,234	-0,091	0,294
CHR7	19462644	CHR7:19462644	SSF x Near_LoA	-4,401	-0,176	0,265
CHR7	19468744	CHR7:19468744	SSF x Near_LoA	-9,883	0,012	0,302
CHR7	19468815	CHR7:19468815	SSF x Near_LoA	-9,539	0,087	0,274
CHR7	19468855	CHR7:19468855	SSF x Near_LoA	-6,834	-0,200	0,284
CHR7	19468941	CHR7:19468941	SSF x Near_LoA	-5,977	-0,078	0,294
CHR7	19468953	CHR7:19468953	SSF x Near_LoA	-9,364	-0,067	0,253
CHR7	19469645	CHR7:19469645	SSF x Near_LoA	-5,962	-0,095	0,299
CHR7	19469659	CHR7:19469659	SSF x Near_LoA	-6,473	-0,042	0,280
CHR7	19469706	CHR7:19469706	SSF x Near_LoA	-9,921	0,028	0,268
CHR7	19479610	CHR7:19479610	SSF x Near_LoA	-10,894	0,051	0,283
CHR7	1948428	CHR7:1948428	SSF x Near_LoA	-6,872	0,113	0,278
CHR7	1949516	CHR7:1949516	SSF x Near_LoA	-9,102	-0,040	0,288
CHR7	1949579	CHR7:1949579	SSF x Near_LoA	-9,215	-0,052	0,303
CHR7	2E+07	CHR7:19503296	SSF x Near_LoA	-9,677	-0,016	0,280
CHR7	2E+07	CHR7:19503330	SSF x Near_LoA	-2,838	-0,221	0,290
CHR7	2E+07	CHR7:19504765	SSF x Near_LoA	-0,306	0,239	0,279
CHR7	2E+07	CHR7:19507678	SSF x Near_LoA	-5,067	-0,196	0,273
CHR7	2E+07	CHR7:19507766	SSF x Near_LoA	-8,044	0,034	0,281
CHR7	2E+07	CHR7:19507915	SSF x Near_LoA	-7,010	0,008	0,275
CHR7	2E+07	CHR7:19535402	SSF x Near_LoA	-7,224	-0,049	0,285
CHR7	2E+07	CHR7:19535403	SSF x Near_LoA	-6,614	-0,060	0,279
CHR7	2E+07	CHR7:19535501	SSF x Near_LoA	-9,532	-0,046	0,284
CHR7	2E+07	CHR7:19535641	SSF x Near_LoA	2,491	-0,068	0,290
CHR7	2E+07	CHR7:19543593	SSF x Near_LoA	-8,236	0,048	0,285
CHR7	2E+07	CHR7:19543605	SSF x Near_LoA	-10,562	-0,029	0,283
CHR7	2E+07	CHR7:19543615	SSF x Near_LoA	-9,806	-0,032	0,293
CHR7	2E+07	CHR7:19543739	SSF x Near_LoA	-8,235	-0,061	0,281
CHR7	2E+07	CHR7:19543743	SSF x Near_LoA	-5,933	-0,092	0,269
CHR7	2E+07	CHR7:19543753	SSF x Near_LoA	-8,204	-0,097	0,296
CHR7	2E+07	CHR7:19543758	SSF x Near_LoA	-7,596	-0,077	0,289
CHR7	2E+07	CHR7:19543792	SSF x Near_LoA	-8,555	0,164	0,288
CHR7	2E+07	CHR7:19543804	SSF x Near_LoA	-9,949	0,009	0,276
CHR7	2E+07	CHR7:19543805	SSF x Near_LoA	-7,877	0,040	0,285
CHR7	2E+07	CHR7:19543819	SSF x Near_LoA	-8,234	0,144	0,282
CHR7	2E+07	CHR7:19573189	SSF x Near_LoA	-8,448	0,171	0,269
CHR7	2E+07	CHR7:19594919	SSF x Near_LoA	-8,530	-0,110	0,289
CHR7	2E+07	CHR7:19594938	SSF x Near_LoA	-7,937	-0,106	0,296
CHR7	2E+07	CHR7:19594970	SSF x Near_LoA	-6,288	-0,068	0,286
CHR7	2E+07	CHR7:19594994	SSF x Near_LoA	-7,015	0,018	0,283
CHR7	2E+07	CHR7:19595008	SSF x Near_LoA	-9,323	0,045	0,283
CHR7	2E+07	CHR7:19595018	SSF x Near_LoA	-7,712	0,088	0,273
CHR7	2E+07	CHR7:19600057	SSF x Near_LoA	-6,268	0,178	0,283
CHR7	2E+07	CHR7:19600079	SSF x Near_LoA	-10,403	-0,057	0,288
CHR7	2E+07	CHR7:19600087	SSF x Near_LoA	-5,591	-0,174	0,286
CHR7	2E+07	CHR7:19600167	SSF x Near_LoA	-8,001	-0,062	0,291
CHR7	2E+07	CHR7:19600327	SSF x Near_LoA	-6,559	-0,014	0,292

CHR7	2E+07	CHR7:19600358	SSF x Near_LoA	-7,346	0,028	0,285
CHR7	2E+07	CHR7:19604390	SSF x Near_LoA	-7,864	-0,038	0,293
CHR7	2E+07	CHR7:19604397	SSF x Near_LoA	-7,369	-0,111	0,288
CHR7	2E+07	CHR7:19604428	SSF x Near_LoA	-6,048	-0,210	0,275
CHR7	2E+07	CHR7:19604436	SSF x Near_LoA	-4,840	0,142	0,275
CHR7	2E+07	CHR7:19604456	SSF x Near_LoA	-8,575	-0,030	0,284
CHR7	2E+07	CHR7:19604479	SSF x Near_LoA	-8,087	-0,094	0,283
CHR7	2E+07	CHR7:19609013	SSF x Near_LoA	-8,491	-0,142	0,270
CHR7	2E+07	CHR7:19609709	SSF x Near_LoA	-9,466	0,163	0,279
CHR7	2E+07	CHR7:19609720	SSF x Near_LoA	-6,309	-0,039	0,279
CHR7	2E+07	CHR7:19609873	SSF x Near_LoA	-9,648	0,132	0,289
CHR7	2E+07	CHR7:19614605	SSF x Near_LoA	-6,355	0,144	0,286
CHR7	2E+07	CHR7:19614689	SSF x Near_LoA	-7,706	0,086	0,291
CHR7	2E+07	CHR7:19614718	SSF x Near_LoA	-6,431	-0,080	0,271
CHR7	2E+07	CHR7:19614793	SSF x Near_LoA	-8,846	0,013	0,278
CHR7	2E+07	CHR7:19614802	SSF x Near_LoA	-8,784	-0,021	0,287
CHR7	2E+07	CHR7:19615000	SSF x Near_LoA	-9,233	-0,021	0,293
CHR7	2E+07	CHR7:19618933	SSF x Near_LoA	-9,738	0,075	0,286
CHR7	2E+07	CHR7:19618983	SSF x Near_LoA	-8,257	-0,040	0,283
CHR7	2E+07	CHR7:19619040	SSF x Near_LoA	-7,290	-0,038	0,312
CHR7	2E+07	CHR7:19624777	SSF x Near_LoA	-6,342	-0,115	0,284
CHR7	196631	CHR7:196631	SSF x Near_LoA	-9,932	0,055	0,306
CHR7	2E+07	CHR7:19667687	SSF x Near_LoA	-9,783	0,098	0,288
CHR7	2E+07	CHR7:19667728	SSF x Near_LoA	-7,057	0,145	0,258
CHR7	2E+07	CHR7:19667741	SSF x Near_LoA	-9,556	0,013	0,278
CHR7	2E+07	CHR7:19668243	SSF x Near_LoA	-3,548	0,061	0,283
CHR7	2E+07	CHR7:19682074	SSF x Near_LoA	-9,530	0,092	0,271
CHR7	2E+07	CHR7:19682088	SSF x Near_LoA	-7,863	0,017	0,289
CHR7	2E+07	CHR7:19682089	SSF x Near_LoA	-5,388	0,069	0,300
CHR7	2E+07	CHR7:19682113	SSF x Near_LoA	-7,648	0,013	0,296
CHR7	2E+07	CHR7:19682163	SSF x Near_LoA	-8,313	0,041	0,301
CHR7	2E+07	CHR7:19682221	SSF x Near_LoA	-8,282	0,164	0,276
CHR7	2E+07	CHR7:19687074	SSF x Near_LoA	-8,526	-0,054	0,284
CHR7	2E+07	CHR7:19687214	SSF x Near_LoA	-8,627	-0,033	0,297
CHR7	2E+07	CHR7:19687229	SSF x Near_LoA	-6,339	0,020	0,281
CHR7	2E+07	CHR7:19687311	SSF x Near_LoA	-6,292	-0,010	0,286
CHR7	2E+07	CHR7:19688979	SSF x Near_LoA	-10,120	-0,064	0,283
CHR7	2E+07	CHR7:19689020	SSF x Near_LoA	-8,695	0,097	0,290
CHR7	2E+07	CHR7:19689123	SSF x Near_LoA	-4,285	-0,046	0,295
CHR7	1969293	CHR7:1969293	SSF x Near_LoA	-10,306	0,043	0,285
CHR7	2E+07	CHR7:19703591	SSF x Near_LoA	-10,024	-0,039	0,291
CHR7	2E+07	CHR7:19703610	SSF x Near_LoA	-7,806	0,066	0,289
CHR7	2E+07	CHR7:19703882	SSF x Near_LoA	-8,317	0,040	0,284
CHR7	2E+07	CHR7:19717866	SSF x Near_LoA	-8,684	-0,009	0,293
CHR7	1975035	CHR7:1975035	SSF x Near_LoA	-8,614	0,102	0,298
CHR7	2E+07	CHR7:19753884	SSF x Near_LoA	-6,638	-0,122	0,288
CHR7	2E+07	CHR7:19753886	SSF x Near_LoA	-6,836	-0,119	0,291
CHR7	1976957	CHR7:1976957	SSF x Near_LoA	-10,176	-0,050	0,283
CHR7	2E+07	CHR7:19770156	SSF x Near_LoA	-7,302	0,099	0,290
CHR7	2E+07	CHR7:19770211	SSF x Near_LoA	-9,332	0,116	0,266
CHR7	197750	CHR7:197750	SSF x Near_LoA	-8,191	0,094	0,279
CHR7	197790	CHR7:197790	SSF x Near_LoA	-7,612	-0,027	0,293
CHR7	197878	CHR7:197878	SSF x Near_LoA	-5,486	0,098	0,292

CHR7	2E+07	CHR7:19804378	SSF x Near_LoA	-5,368	-0,050	0,290
CHR7	2E+07	CHR7:19804611	SSF x Near_LoA	-3,180	-0,211	0,280
CHR7	1980527	CHR7:1980527	SSF x Near_LoA	-7,019	-0,068	0,298
CHR7	1980645	CHR7:1980645	SSF x Near_LoA	-9,522	0,027	0,298
CHR7	1980735	CHR7:1980735	SSF x Near_LoA	-4,551	-0,003	0,256
CHR7	1980740	CHR7:1980740	SSF x Near_LoA	-7,680	0,078	0,291
CHR7	1980777	CHR7:1980777	SSF x Near_LoA	-8,041	0,059	0,279
CHR7	1980818	CHR7:1980818	SSF x Near_LoA	-9,802	0,007	0,293
CHR7	1980824	CHR7:1980824	SSF x Near_LoA	-7,549	0,081	0,299
CHR7	2E+07	CHR7:19809032	SSF x Near_LoA	-8,470	-0,131	0,274
CHR7	2E+07	CHR7:19815171	SSF x Near_LoA	-7,576	-0,142	0,275
CHR7	2E+07	CHR7:19815304	SSF x Near_LoA	-6,657	0,059	0,291
CHR7	2E+07	CHR7:19820714	SSF x Near_LoA	-9,810	-0,103	0,272
CHR7	2E+07	CHR7:19821122	SSF x Near_LoA	-9,490	0,049	0,308
CHR7	1983574	CHR7:1983574	SSF x Near_LoA	-7,437	-0,016	0,283
CHR7	1983758	CHR7:1983758	SSF x Near_LoA	-6,701	0,125	0,271
CHR7	1983770	CHR7:1983770	SSF x Near_LoA	-9,164	0,031	0,302
CHR7	1983796	CHR7:1983796	SSF x Near_LoA	-8,159	0,053	0,293
CHR7	1983803	CHR7:1983803	SSF x Near_LoA	-6,384	0,014	0,288
CHR7	1983842	CHR7:1983842	SSF x Near_LoA	-7,323	-0,006	0,273
CHR7	1983876	CHR7:1983876	SSF x Near_LoA	-6,629	-0,149	0,278
CHR7	1983883	CHR7:1983883	SSF x Near_LoA	-4,582	-0,148	0,292
CHR7	2E+07	CHR7:19839959	SSF x Near_LoA	-7,027	-0,185	0,269
CHR7	2E+07	CHR7:19839961	SSF x Near_LoA	-5,830	0,166	0,283
CHR7	2E+07	CHR7:19840007	SSF x Near_LoA	-10,448	0,038	0,289
CHR7	2E+07	CHR7:19844337	SSF x Near_LoA	-9,136	0,104	0,290
CHR7	2E+07	CHR7:19844396	SSF x Near_LoA	-8,317	-0,101	0,287
CHR7	2E+07	CHR7:19851240	SSF x Near_LoA	-9,477	-0,005	0,294
CHR7	2E+07	CHR7:19860950	SSF x Near_LoA	-4,367	-0,191	0,279
CHR7	2E+07	CHR7:19861345	SSF x Near_LoA	-6,869	-0,010	0,283
CHR7	2E+07	CHR7:19861363	SSF x Near_LoA	-7,775	-0,024	0,282
CHR7	2E+07	CHR7:19861408	SSF x Near_LoA	-8,806	0,000	0,287
CHR7	2E+07	CHR7:19861457	SSF x Near_LoA	-7,553	-0,045	0,284
CHR7	2E+07	CHR7:19861535	SSF x Near_LoA	-7,138	-0,001	0,280
CHR7	2E+07	CHR7:19891110	SSF x Near_LoA	-7,953	0,028	0,301
CHR7	2E+07	CHR7:19900328	SSF x Near_LoA	-8,165	0,023	0,274
CHR7	2E+07	CHR7:19900426	SSF x Near_LoA	1,768	-0,034	0,301
CHR7	2E+07	CHR7:19900586	SSF x Near_LoA	-10,249	0,061	0,275
CHR7	2E+07	CHR7:19900590	SSF x Near_LoA	-7,220	-0,057	0,292
CHR7	2E+07	CHR7:19903283	SSF x Near_LoA	-8,882	-0,092	0,282
CHR7	2E+07	CHR7:19903298	SSF x Near_LoA	-9,370	-0,032	0,295
CHR7	2E+07	CHR7:19903310	SSF x Near_LoA	-9,178	0,029	0,287
CHR7	2E+07	CHR7:19903360	SSF x Near_LoA	-6,565	0,079	0,301
CHR7	2E+07	CHR7:19912196	SSF x Near_LoA	-9,467	-0,007	0,271
CHR7	2E+07	CHR7:19912216	SSF x Near_LoA	-8,543	-0,053	0,303
CHR7	2E+07	CHR7:19912277	SSF x Near_LoA	-6,645	-0,052	0,300
CHR7	2E+07	CHR7:19912321	SSF x Near_LoA	-7,231	0,016	0,292
CHR7	2E+07	CHR7:19912417	SSF x Near_LoA	-6,470	0,072	0,283
CHR7	2E+07	CHR7:19940364	SSF x Near_LoA	-9,776	0,053	0,295
CHR7	2E+07	CHR7:19940404	SSF x Near_LoA	-8,986	0,042	0,299
CHR7	2E+07	CHR7:19957215	SSF x Near_LoA	-4,328	-0,085	0,287
CHR7	2E+07	CHR7:19992398	SSF x Near_LoA	-8,056	-0,008	0,292
CHR7	2E+07	CHR7:19992415	SSF x Near_LoA	-7,255	-0,046	0,276

CHR7	2E+07	CHR7:19992428	SSF x Near_LoA	-8,238	-0,033	0,275
CHR7	2E+07	CHR7:19992469	SSF x Near_LoA	-7,535	0,204	0,265
CHR7	2E+07	CHR7:20016706	SSF x Near_LoA	-9,125	-0,125	0,285
CHR7	2E+07	CHR7:20017388	SSF x Near_LoA	-7,669	0,097	0,272
CHR7	2E+07	CHR7:20017513	SSF x Near_LoA	-6,590	-0,031	0,294
CHR7	2E+07	CHR7:20028553	SSF x Near_LoA	-8,188	-0,100	0,289
CHR7	2E+07	CHR7:20028609	SSF x Near_LoA	-9,118	-0,093	0,288
CHR7	2E+07	CHR7:20028643	SSF x Near_LoA	-8,377	0,036	0,286
CHR7	2E+07	CHR7:20028759	SSF x Near_LoA	-9,172	0,056	0,296
CHR7	2E+07	CHR7:20035635	SSF x Near_LoA	-6,128	-0,158	0,295
CHR7	2E+07	CHR7:20035808	SSF x Near_LoA	-7,886	0,085	0,279
CHR7	2E+07	CHR7:20035817	SSF x Near_LoA	-6,082	0,081	0,295
CHR7	2E+07	CHR7:20035825	SSF x Near_LoA	-7,883	0,067	0,283
CHR7	2E+07	CHR7:20035847	SSF x Near_LoA	-9,395	-0,018	0,278
CHR7	2E+07	CHR7:20035853	SSF x Near_LoA	-6,959	-0,149	0,272
CHR7	2E+07	CHR7:20035862	SSF x Near_LoA	-1,032	-0,177	0,281
CHR7	2E+07	CHR7:20041551	SSF x Near_LoA	1,787	0,359	0,248
CHR7	2E+07	CHR7:20045668	SSF x Near_LoA	-8,432	-0,073	0,289
CHR7	2E+07	CHR7:20045689	SSF x Near_LoA	-7,058	-0,045	0,283
CHR7	2E+07	CHR7:20066854	SSF x Near_LoA	-0,945	0,019	0,288
CHR7	2E+07	CHR7:20086658	SSF x Near_LoA	-7,841	-0,065	0,277
CHR7	2E+07	CHR7:20086768	SSF x Near_LoA	-9,556	0,006	0,280
CHR7	2E+07	CHR7:20117302	SSF x Near_LoA	-6,995	-0,024	0,302
CHR7	2E+07	CHR7:20117343	SSF x Near_LoA	-7,958	0,013	0,274
CHR7	2E+07	CHR7:20129687	SSF x Near_LoA	-7,804	0,046	0,275
CHR7	2E+07	CHR7:20129846	SSF x Near_LoA	-10,754	0,005	0,289
CHR7	2012993	CHR7:2012993	SSF x Near_LoA	-8,197	-0,126	0,289
CHR7	2013008	CHR7:2013008	SSF x Near_LoA	-6,045	-0,028	0,293
CHR7	2013177	CHR7:2013177	SSF x Near_LoA	-8,001	0,024	0,276
CHR7	2013483	CHR7:2013483	SSF x Near_LoA	-7,846	-0,137	0,271
CHR7	2E+07	CHR7:20151032	SSF x Near_LoA	-6,949	0,043	0,278
CHR7	2E+07	CHR7:20151065	SSF x Near_LoA	-6,696	-0,101	0,276
CHR7	2E+07	CHR7:20151114	SSF x Near_LoA	-7,301	0,119	0,289
CHR7	2E+07	CHR7:20151131	SSF x Near_LoA	1,517	0,206	0,285
CHR7	2E+07	CHR7:20151138	SSF x Near_LoA	-4,846	-0,229	0,275
CHR7	2E+07	CHR7:20151141	SSF x Near_LoA	-8,698	0,045	0,282
CHR7	2E+07	CHR7:20151226	SSF x Near_LoA	-6,362	0,118	0,290
CHR7	2E+07	CHR7:20162088	SSF x Near_LoA	-9,682	0,063	0,282
CHR7	2E+07	CHR7:20163160	SSF x Near_LoA	-9,311	-0,011	0,295
CHR7	2E+07	CHR7:20163198	SSF x Near_LoA	-10,269	0,048	0,284
CHR7	2E+07	CHR7:20163281	SSF x Near_LoA	-7,709	-0,176	0,286
CHR7	2E+07	CHR7:20183565	SSF x Near_LoA	-8,362	0,010	0,294
CHR7	2E+07	CHR7:20183639	SSF x Near_LoA	-9,599	0,050	0,297
CHR7	2E+07	CHR7:20183648	SSF x Near_LoA	-9,383	0,048	0,284
CHR7	2E+07	CHR7:20183650	SSF x Near_LoA	-9,787	0,047	0,283
CHR7	2E+07	CHR7:20192299	SSF x Near_LoA	-8,996	-0,073	0,277
CHR7	2E+07	CHR7:20194039	SSF x Near_LoA	-7,379	-0,049	0,296
CHR7	2E+07	CHR7:20194168	SSF x Near_LoA	-8,268	0,140	0,275
CHR7	2E+07	CHR7:20200603	SSF x Near_LoA	-8,348	-0,095	0,286
CHR7	2E+07	CHR7:20200639	SSF x Near_LoA	-7,258	-0,144	0,275
CHR7	2E+07	CHR7:20200659	SSF x Near_LoA	-7,628	-0,039	0,285
CHR7	2E+07	CHR7:20200765	SSF x Near_LoA	-5,444	0,085	0,298
CHR7	2E+07	CHR7:20200767	SSF x Near_LoA	-9,030	0,007	0,279

CHR7	2E+07	CHR7:20200826	SSF x Near_LoA	-9,534	0,041	0,272
CHR7	2E+07	CHR7:20209186	SSF x Near_LoA	-7,311	-0,067	0,288
CHR7	2E+07	CHR7:20209188	SSF x Near_LoA	-8,136	0,093	0,284
CHR7	2E+07	CHR7:20209191	SSF x Near_LoA	-6,845	-0,103	0,290
CHR7	2E+07	CHR7:20209213	SSF x Near_LoA	-8,464	-0,077	0,281
CHR7	2E+07	CHR7:20209302	SSF x Near_LoA	-0,190	0,072	0,296
CHR7	2E+07	CHR7:20209372	SSF x Near_LoA	-7,585	-0,010	0,289
CHR7	2E+07	CHR7:20209425	SSF x Near_LoA	-9,771	0,051	0,288
CHR7	2E+07	CHR7:20215733	SSF x Near_LoA	-9,035	-0,045	0,279
CHR7	2E+07	CHR7:20218302	SSF x Near_LoA	-10,151	-0,096	0,290
CHR7	2E+07	CHR7:20218381	SSF x Near_LoA	-8,859	0,039	0,289
CHR7	2E+07	CHR7:20225786	SSF x Near_LoA	-7,191	-0,194	0,276
CHR7	2024877	CHR7:2024877	SSF x Near_LoA	-4,716	-0,096	0,311
CHR7	2024881	CHR7:2024881	SSF x Near_LoA	-6,447	0,052	0,292
CHR7	2025029	CHR7:2025029	SSF x Near_LoA	-8,239	-0,015	0,292
CHR7	2025036	CHR7:2025036	SSF x Near_LoA	-7,458	0,004	0,297
CHR7	2E+07	CHR7:20274498	SSF x Near_LoA	-0,717	-0,090	0,286
CHR7	2027885	CHR7:2027885	SSF x Near_LoA	-9,952	-0,017	0,275
CHR7	2E+07	CHR7:20290188	SSF x Near_LoA	-10,725	-0,042	0,289
CHR7	2E+07	CHR7:20290261	SSF x Near_LoA	-8,922	0,061	0,295
CHR7	2E+07	CHR7:20292531	SSF x Near_LoA	-9,655	-0,075	0,290
CHR7	2E+07	CHR7:20292563	SSF x Near_LoA	-10,384	0,007	0,292
CHR7	2E+07	CHR7:20292679	SSF x Near_LoA	-8,420	0,006	0,293
CHR7	2E+07	CHR7:20321916	SSF x Near_LoA	-8,188	0,015	0,283
CHR7	2E+07	CHR7:20321950	SSF x Near_LoA	-6,314	-0,107	0,298
CHR7	2E+07	CHR7:20322048	SSF x Near_LoA	-7,275	0,006	0,292
CHR7	2032851	CHR7:2032851	SSF x Near_LoA	-9,658	0,052	0,292
CHR7	2033085	CHR7:2033085	SSF x Near_LoA	-9,805	-0,009	0,300
CHR7	2E+07	CHR7:20332542	SSF x Near_LoA	-8,295	0,008	0,271
CHR7	2E+07	CHR7:20332553	SSF x Near_LoA	-8,058	0,006	0,275
CHR7	2E+07	CHR7:20332574	SSF x Near_LoA	-8,204	0,043	0,266
CHR7	2E+07	CHR7:20368068	SSF x Near_LoA	-7,961	-0,062	0,288
CHR7	2E+07	CHR7:20368092	SSF x Near_LoA	-7,921	0,016	0,292
CHR7	2E+07	CHR7:20368145	SSF x Near_LoA	-8,905	0,050	0,295
CHR7	2E+07	CHR7:20368159	SSF x Near_LoA	-8,801	0,029	0,294
CHR7	2E+07	CHR7:20368222	SSF x Near_LoA	-7,695	0,058	0,293
CHR7	2E+07	CHR7:20368225	SSF x Near_LoA	-7,102	0,052	0,304
CHR7	2E+07	CHR7:20368235	SSF x Near_LoA	-7,083	0,085	0,295
CHR7	2E+07	CHR7:20368246	SSF x Near_LoA	-7,423	0,079	0,283
CHR7	2E+07	CHR7:20368268	SSF x Near_LoA	-9,137	-0,010	0,289
CHR7	2E+07	CHR7:20368272	SSF x Near_LoA	-8,475	0,037	0,289
CHR7	2E+07	CHR7:20368289	SSF x Near_LoA	-9,597	0,123	0,280
CHR7	2E+07	CHR7:20368290	SSF x Near_LoA	-6,560	-0,029	0,285
CHR7	2E+07	CHR7:20368299	SSF x Near_LoA	-10,049	0,018	0,295
CHR7	2E+07	CHR7:20371323	SSF x Near_LoA	-9,218	-0,044	0,289
CHR7	2E+07	CHR7:20385394	SSF x Near_LoA	-7,566	-0,140	0,291
CHR7	2E+07	CHR7:20385425	SSF x Near_LoA	-6,371	0,140	0,286
CHR7	2E+07	CHR7:20406144	SSF x Near_LoA	-9,061	0,129	0,286
CHR7	2E+07	CHR7:20406159	SSF x Near_LoA	-7,191	-0,047	0,280
CHR7	2E+07	CHR7:20406244	SSF x Near_LoA	-10,052	-0,048	0,287
CHR7	2E+07	CHR7:20422411	SSF x Near_LoA	-7,716	0,041	0,294
CHR7	2E+07	CHR7:20433840	SSF x Near_LoA	-4,611	-0,238	0,272
CHR7	2E+07	CHR7:20433877	SSF x Near_LoA	-7,007	-0,092	0,286

CHR7	2E+07	CHR7:20433940	SSF x Near_LoA	-9,818	-0,071	0,290
CHR7	2E+07	CHR7:20443529	SSF x Near_LoA	-10,553	-0,037	0,300
CHR7	2E+07	CHR7:20443591	SSF x Near_LoA	-2,011	-0,209	0,287
CHR7	2E+07	CHR7:20443621	SSF x Near_LoA	-7,170	-0,185	0,287
CHR7	2E+07	CHR7:20448398	SSF x Near_LoA	-6,558	-0,153	0,296
CHR7	2E+07	CHR7:20448419	SSF x Near_LoA	-8,485	0,003	0,290
CHR7	2E+07	CHR7:20448432	SSF x Near_LoA	-7,101	0,033	0,305
CHR7	2E+07	CHR7:20448472	SSF x Near_LoA	-7,098	0,144	0,274
CHR7	2E+07	CHR7:20448479	SSF x Near_LoA	-8,407	-0,018	0,288
CHR7	2E+07	CHR7:20448481	SSF x Near_LoA	-7,558	0,140	0,298
CHR7	2E+07	CHR7:20448524	SSF x Near_LoA	-6,462	-0,079	0,289
CHR7	2E+07	CHR7:20448550	SSF x Near_LoA	-7,293	0,057	0,289
CHR7	2E+07	CHR7:20448565	SSF x Near_LoA	-7,911	0,052	0,281
CHR7	2E+07	CHR7:20457159	SSF x Near_LoA	-9,805	0,105	0,275
CHR7	2E+07	CHR7:20462509	SSF x Near_LoA	-7,956	0,033	0,285
CHR7	2E+07	CHR7:20466560	SSF x Near_LoA	-7,002	0,131	0,283
CHR7	2E+07	CHR7:20466890	SSF x Near_LoA	-7,631	0,023	0,275
CHR7	2E+07	CHR7:20466899	SSF x Near_LoA	-4,890	0,198	0,283
CHR7	2E+07	CHR7:20469444	SSF x Near_LoA	-9,407	0,127	0,278
CHR7	2E+07	CHR7:20469494	SSF x Near_LoA	-3,982	0,116	0,293
CHR7	2E+07	CHR7:20469495	SSF x Near_LoA	-7,280	-0,085	0,296
CHR7	2E+07	CHR7:20469504	SSF x Near_LoA	-8,608	-0,054	0,296
CHR7	2E+07	CHR7:20469547	SSF x Near_LoA	-5,078	0,104	0,278
CHR7	2E+07	CHR7:20469598	SSF x Near_LoA	-7,726	-0,134	0,281
CHR7	2E+07	CHR7:20469649	SSF x Near_LoA	-8,891	-0,037	0,286
CHR7	2E+07	CHR7:20475968	SSF x Near_LoA	-4,344	-0,041	0,292
CHR7	2E+07	CHR7:20475982	SSF x Near_LoA	-5,281	0,127	0,277
CHR7	2E+07	CHR7:20476037	SSF x Near_LoA	-9,026	-0,084	0,279
CHR7	2E+07	CHR7:20478580	SSF x Near_LoA	-7,958	0,086	0,284
CHR7	2E+07	CHR7:20478598	SSF x Near_LoA	-9,620	0,032	0,290
CHR7	2E+07	CHR7:20478676	SSF x Near_LoA	-4,233	0,177	0,277
CHR7	2E+07	CHR7:20489804	SSF x Near_LoA	-7,897	-0,004	0,282
CHR7	2E+07	CHR7:20494842	SSF x Near_LoA	-8,637	-0,014	0,288
CHR7	2E+07	CHR7:20494914	SSF x Near_LoA	-8,269	0,076	0,287
CHR7	2E+07	CHR7:20495635	SSF x Near_LoA	-7,063	-0,028	0,293
CHR7	2E+07	CHR7:20495641	SSF x Near_LoA	-9,550	0,057	0,295
CHR7	2E+07	CHR7:20496568	SSF x Near_LoA	-8,965	-0,013	0,278
CHR7	2E+07	CHR7:20496631	SSF x Near_LoA	-5,337	-0,187	0,288
CHR7	20502974	CHR7:20502974	SSF x Near_LoA	-8,796	0,064	0,293
CHR7	20506293	CHR7:20506293	SSF x Near_LoA	-8,586	-0,041	0,284
CHR7	20506300	CHR7:20506300	SSF x Near_LoA	-5,694	0,084	0,273
CHR7	20506368	CHR7:20506368	SSF x Near_LoA	-6,500	0,058	0,305
CHR7	2050973	CHR7:2050973	SSF x Near_LoA	-1,543	-0,229	0,274
CHR7	2051039	CHR7:2051039	SSF x Near_LoA	-8,901	0,003	0,277
CHR7	20523629	CHR7:20523629	SSF x Near_LoA	-8,631	-0,057	0,277
CHR7	20523790	CHR7:20523790	SSF x Near_LoA	-6,810	0,094	0,289
CHR7	20523823	CHR7:20523823	SSF x Near_LoA	-1,729	0,168	0,289
CHR7	20550385	CHR7:20550385	SSF x Near_LoA	-6,583	-0,166	0,277
CHR7	20584587	CHR7:20584587	SSF x Near_LoA	-7,372	0,101	0,285
CHR7	20584614	CHR7:20584614	SSF x Near_LoA	-7,706	-0,012	0,279
CHR7	20584661	CHR7:20584661	SSF x Near_LoA	-8,479	-0,036	0,288
CHR7	20584682	CHR7:20584682	SSF x Near_LoA	-5,422	0,117	0,275
CHR7	20584689	CHR7:20584689	SSF x Near_LoA	-6,916	-0,052	0,292

CHR7	20587385	CHR7:20587385	SSF x Near_LoA	-7,014	0,006	0,283
CHR7	20587426	CHR7:20587426	SSF x Near_LoA	-6,711	0,035	0,276
CHR7	20592865	CHR7:20592865	SSF x Near_LoA	-3,436	-0,182	0,271
CHR7	20592951	CHR7:20592951	SSF x Near_LoA	-9,550	-0,096	0,274
CHR7	20598979	CHR7:20598979	SSF x Near_LoA	-7,973	-0,076	0,289
CHR7	20599025	CHR7:20599025	SSF x Near_LoA	-8,139	0,073	0,290
CHR7	20599032	CHR7:20599032	SSF x Near_LoA	-8,153	0,009	0,299
CHR7	20599059	CHR7:20599059	SSF x Near_LoA	-8,602	-0,062	0,281
CHR7	20599179	CHR7:20599179	SSF x Near_LoA	-3,480	0,201	0,276
CHR7	20599220	CHR7:20599220	SSF x Near_LoA	-9,701	-0,068	0,279
CHR7	20622892	CHR7:20622892	SSF x Near_LoA	-9,689	-0,119	0,290
CHR7	20622893	CHR7:20622893	SSF x Near_LoA	-9,206	-0,084	0,292
CHR7	20623122	CHR7:20623122	SSF x Near_LoA	-7,155	0,007	0,299
CHR7	20623231	CHR7:20623231	SSF x Near_LoA	-10,044	-0,021	0,296
CHR7	20625850	CHR7:20625850	SSF x Near_LoA	-6,836	-0,074	0,278
CHR7	20625893	CHR7:20625893	SSF x Near_LoA	-7,607	0,066	0,284
CHR7	20651975	CHR7:20651975	SSF x Near_LoA	1,278	-0,090	0,280
CHR7	2065294	CHR7:2065294	SSF x Near_LoA	-4,887	0,195	0,265
CHR7	2065315	CHR7:2065315	SSF x Near_LoA	-0,385	0,135	0,267
CHR7	20653794	CHR7:20653794	SSF x Near_LoA	-9,424	-0,019	0,290
CHR7	20653818	CHR7:20653818	SSF x Near_LoA	-5,709	0,169	0,282
CHR7	20653828	CHR7:20653828	SSF x Near_LoA	-3,298	0,224	0,279
CHR7	20653917	CHR7:20653917	SSF x Near_LoA	-7,293	0,107	0,299
CHR7	20653933	CHR7:20653933	SSF x Near_LoA	-5,514	-0,001	0,287
CHR7	20653949	CHR7:20653949	SSF x Near_LoA	-6,866	-0,017	0,278
CHR7	20653969	CHR7:20653969	SSF x Near_LoA	-7,329	0,006	0,278
CHR7	20654007	CHR7:20654007	SSF x Near_LoA	-8,128	-0,047	0,288
CHR7	20654082	CHR7:20654082	SSF x Near_LoA	-8,797	0,113	0,289
CHR7	20654096	CHR7:20654096	SSF x Near_LoA	0,937	0,201	0,292
CHR7	20654140	CHR7:20654140	SSF x Near_LoA	-8,576	0,120	0,293
CHR7	20654142	CHR7:20654142	SSF x Near_LoA	-5,337	0,073	0,303
CHR7	2065450	CHR7:2065450	SSF x Near_LoA	-8,412	-0,065	0,286
CHR7	20661430	CHR7:20661430	SSF x Near_LoA	-8,464	0,029	0,290
CHR7	20662761	CHR7:20662761	SSF x Near_LoA	-6,473	-0,033	0,287
CHR7	20671482	CHR7:20671482	SSF x Near_LoA	-8,284	0,117	0,285
CHR7	20671603	CHR7:20671603	SSF x Near_LoA	-8,720	-0,125	0,291
CHR7	20671646	CHR7:20671646	SSF x Near_LoA	-7,962	0,033	0,276
CHR7	20671707	CHR7:20671707	SSF x Near_LoA	-6,655	-0,018	0,290
CHR7	2067370	CHR7:2067370	SSF x Near_LoA	-4,683	-0,167	0,282
CHR7	2067395	CHR7:2067395	SSF x Near_LoA	-8,756	-0,037	0,282
CHR7	2067495	CHR7:2067495	SSF x Near_LoA	-10,666	0,062	0,278
CHR7	20687159	CHR7:20687159	SSF x Near_LoA	-7,625	0,114	0,268
CHR7	20700480	CHR7:20700480	SSF x Near_LoA	-7,818	-0,067	0,286
CHR7	20700532	CHR7:20700532	SSF x Near_LoA	-10,488	0,073	0,281
CHR7	20700813	CHR7:20700813	SSF x Near_LoA	-10,423	-0,037	0,284
CHR7	20733366	CHR7:20733366	SSF x Near_LoA	-7,452	0,054	0,282
CHR7	20733394	CHR7:20733394	SSF x Near_LoA	-8,947	0,063	0,283
CHR7	20743581	CHR7:20743581	SSF x Near_LoA	-9,863	-0,034	0,286
CHR7	20743798	CHR7:20743798	SSF x Near_LoA	-9,651	0,062	0,273
CHR7	20749599	CHR7:20749599	SSF x Near_LoA	-10,834	0,017	0,279
CHR7	20749604	CHR7:20749604	SSF x Near_LoA	-7,853	0,101	0,286
CHR7	20749619	CHR7:20749619	SSF x Near_LoA	-5,152	0,161	0,286
CHR7	20757726	CHR7:20757726	SSF x Near_LoA	-9,864	-0,027	0,289

CHR7	20757770	CHR7:20757770	SSF x Near_LoA	-6,385	-0,139	0,282
CHR7	20757818	CHR7:20757818	SSF x Near_LoA	-6,490	-0,187	0,268
CHR7	20757822	CHR7:20757822	SSF x Near_LoA	-6,908	0,116	0,291
CHR7	20760973	CHR7:20760973	SSF x Near_LoA	-8,412	0,008	0,291
CHR7	20760990	CHR7:20760990	SSF x Near_LoA	-7,952	-0,048	0,290
CHR7	20761080	CHR7:20761080	SSF x Near_LoA	-7,686	-0,046	0,287
CHR7	20761096	CHR7:20761096	SSF x Near_LoA	-8,211	-0,027	0,290
CHR7	20766724	CHR7:20766724	SSF x Near_LoA	-5,554	0,120	0,297
CHR7	20786	CHR7:20786	SSF x Near_LoA	8,173	0,022	0,293
CHR7	20786425	CHR7:20786425	SSF x Near_LoA	-6,263	-0,146	0,290
CHR7	20786436	CHR7:20786436	SSF x Near_LoA	-8,948	0,034	0,290
CHR7	20786532	CHR7:20786532	SSF x Near_LoA	-8,098	-0,081	0,280
CHR7	20787365	CHR7:20787365	SSF x Near_LoA	-10,825	-0,005	0,283
CHR7	20787406	CHR7:20787406	SSF x Near_LoA	-8,859	0,047	0,299
CHR7	20787408	CHR7:20787408	SSF x Near_LoA	-9,569	0,078	0,289
CHR7	20795434	CHR7:20795434	SSF x Near_LoA	-6,903	-0,027	0,283
CHR7	20795533	CHR7:20795533	SSF x Near_LoA	-10,124	-0,066	0,291
CHR7	20798525	CHR7:20798525	SSF x Near_LoA	-4,876	-0,135	0,292
CHR7	20799440	CHR7:20799440	SSF x Near_LoA	-7,877	-0,095	0,284
CHR7	20827823	CHR7:20827823	SSF x Near_LoA	-6,512	0,014	0,297
CHR7	20827944	CHR7:20827944	SSF x Near_LoA	-6,161	-0,043	0,296
CHR7	20827986	CHR7:20827986	SSF x Near_LoA	-3,085	0,009	0,288
CHR7	20830156	CHR7:20830156	SSF x Near_LoA	-6,462	0,188	0,275
CHR7	20830159	CHR7:20830159	SSF x Near_LoA	-5,410	0,050	0,289
CHR7	20830480	CHR7:20830480	SSF x Near_LoA	-10,701	-0,059	0,283
CHR7	20848888	CHR7:20848888	SSF x Near_LoA	-3,697	0,019	0,293
CHR7	20848960	CHR7:20848960	SSF x Near_LoA	-8,505	0,021	0,297
CHR7	2085552	CHR7:2085552	SSF x Near_LoA	-8,218	-0,056	0,303
CHR7	2085585	CHR7:2085585	SSF x Near_LoA	-7,856	-0,075	0,276
CHR7	20862568	CHR7:20862568	SSF x Near_LoA	-7,735	-0,006	0,280
CHR7	2086855	CHR7:2086855	SSF x Near_LoA	-6,136	0,105	0,293
CHR7	2086865	CHR7:2086865	SSF x Near_LoA	-6,383	0,155	0,293
CHR7	20870057	CHR7:20870057	SSF x Near_LoA	-7,035	0,025	0,271
CHR7	2087049	CHR7:2087049	SSF x Near_LoA	-4,998	-0,174	0,283
CHR7	20891478	CHR7:20891478	SSF x Near_LoA	-10,196	-0,036	0,285
CHR7	20939647	CHR7:20939647	SSF x Near_LoA	-5,366	0,030	0,280
CHR7	20940104	CHR7:20940104	SSF x Near_LoA	-7,803	0,072	0,300
CHR7	20942261	CHR7:20942261	SSF x Near_LoA	-10,475	0,007	0,284
CHR7	20942344	CHR7:20942344	SSF x Near_LoA	-8,096	0,148	0,285
CHR7	20942392	CHR7:20942392	SSF x Near_LoA	-9,459	0,143	0,281
CHR7	20942414	CHR7:20942414	SSF x Near_LoA	-8,876	-0,015	0,282
CHR7	20942441	CHR7:20942441	SSF x Near_LoA	-7,668	-0,050	0,291
CHR7	20948588	CHR7:20948588	SSF x Near_LoA	-6,112	0,035	0,305
CHR7	20948645	CHR7:20948645	SSF x Near_LoA	-7,018	0,135	0,277
CHR7	20948653	CHR7:20948653	SSF x Near_LoA	-8,986	0,009	0,299
CHR7	20961637	CHR7:20961637	SSF x Near_LoA	-7,215	-0,162	0,279
CHR7	20961823	CHR7:20961823	SSF x Near_LoA	-8,325	0,054	0,271
CHR7	20966	CHR7:20966	SSF x Near_LoA	-9,330	0,006	0,282
CHR7	20971653	CHR7:20971653	SSF x Near_LoA	-9,649	0,068	0,283
CHR7	20974121	CHR7:20974121	SSF x Near_LoA	-9,535	-0,022	0,283
CHR7	20990164	CHR7:20990164	SSF x Near_LoA	-7,063	-0,088	0,284
CHR7	20990185	CHR7:20990185	SSF x Near_LoA	-7,693	-0,005	0,291
CHR7	20990218	CHR7:20990218	SSF x Near_LoA	-8,678	0,054	0,283

CHR7	21001524	CHR7:21001524	SSF x Near_LoA	-6,874	0,112	0,286
CHR7	21001527	CHR7:21001527	SSF x Near_LoA	-9,158	0,011	0,287
CHR7	21001951	CHR7:21001951	SSF x Near_LoA	-5,014	-0,217	0,257
CHR7	21046628	CHR7:21046628	SSF x Near_LoA	-9,128	0,113	0,287
CHR7	21046745	CHR7:21046745	SSF x Near_LoA	-9,406	0,025	0,298
CHR7	21046821	CHR7:21046821	SSF x Near_LoA	-2,905	0,197	0,273
CHR7	21050614	CHR7:21050614	SSF x Near_LoA	-5,353	0,040	0,292
CHR7	21050642	CHR7:21050642	SSF x Near_LoA	-5,517	-0,102	0,295
CHR7	21050654	CHR7:21050654	SSF x Near_LoA	-6,873	-0,122	0,280
CHR7	21050676	CHR7:21050676	SSF x Near_LoA	-8,574	0,002	0,284
CHR7	21050678	CHR7:21050678	SSF x Near_LoA	-6,547	-0,041	0,294
CHR7	21050679	CHR7:21050679	SSF x Near_LoA	-3,799	0,153	0,288
CHR7	21050699	CHR7:21050699	SSF x Near_LoA	-10,481	0,006	0,283
CHR7	21050827	CHR7:21050827	SSF x Near_LoA	-8,033	-0,058	0,288
CHR7	21063034	CHR7:21063034	SSF x Near_LoA	-9,024	0,031	0,282
CHR7	21063090	CHR7:21063090	SSF x Near_LoA	-8,021	-0,010	0,270
CHR7	21076028	CHR7:21076028	SSF x Near_LoA	-7,717	-0,108	0,271
CHR7	21076041	CHR7:21076041	SSF x Near_LoA	-9,590	0,046	0,282
CHR7	21076045	CHR7:21076045	SSF x Near_LoA	-5,148	-0,028	0,296
CHR7	21076177	CHR7:21076177	SSF x Near_LoA	-8,225	-0,107	0,290
CHR7	21076189	CHR7:21076189	SSF x Near_LoA	-9,552	0,011	0,302
CHR7	21080232	CHR7:21080232	SSF x Near_LoA	3,323	-0,024	0,284
CHR7	21087688	CHR7:21087688	SSF x Near_LoA	-7,733	0,094	0,287
CHR7	21087840	CHR7:21087840	SSF x Near_LoA	-7,298	0,036	0,287
CHR7	21106565	CHR7:21106565	SSF x Near_LoA	-3,521	-0,173	0,276
CHR7	21106566	CHR7:21106566	SSF x Near_LoA	-6,586	0,078	0,283
CHR7	21106592	CHR7:21106592	SSF x Near_LoA	-8,008	-0,109	0,292
CHR7	21116942	CHR7:21116942	SSF x Near_LoA	-7,862	-0,175	0,256
CHR7	21117011	CHR7:21117011	SSF x Near_LoA	-9,318	-0,045	0,286
CHR7	21117062	CHR7:21117062	SSF x Near_LoA	-7,743	0,102	0,293
CHR7	21143745	CHR7:21143745	SSF x Near_LoA	-7,223	0,040	0,284
CHR7	21143782	CHR7:21143782	SSF x Near_LoA	-10,137	0,090	0,280
CHR7	21143846	CHR7:21143846	SSF x Near_LoA	-5,062	-0,054	0,279
CHR7	21143875	CHR7:21143875	SSF x Near_LoA	-8,390	0,024	0,289
CHR7	21149896	CHR7:21149896	SSF x Near_LoA	-7,242	-0,084	0,275
CHR7	21149955	CHR7:21149955	SSF x Near_LoA	-8,040	0,023	0,292
CHR7	21150061	CHR7:21150061	SSF x Near_LoA	-7,781	0,047	0,297
CHR7	211617	CHR7:211617	SSF x Near_LoA	-9,478	0,014	0,288
CHR7	21163501	CHR7:21163501	SSF x Near_LoA	-4,663	0,149	0,287
CHR7	21163510	CHR7:21163510	SSF x Near_LoA	-5,693	0,104	0,285
CHR7	21163591	CHR7:21163591	SSF x Near_LoA	-5,422	0,169	0,285
CHR7	21163870	CHR7:21163870	SSF x Near_LoA	-8,086	0,026	0,290
CHR7	21181997	CHR7:21181997	SSF x Near_LoA	-9,025	-0,099	0,275
CHR7	21210423	CHR7:21210423	SSF x Near_LoA	-6,597	0,022	0,279
CHR7	21210469	CHR7:21210469	SSF x Near_LoA	-9,085	0,065	0,285
CHR7	21210561	CHR7:21210561	SSF x Near_LoA	-8,761	0,066	0,276
CHR7	21215588	CHR7:21215588	SSF x Near_LoA	-7,486	0,032	0,273
CHR7	21216063	CHR7:21216063	SSF x Near_LoA	-7,752	0,054	0,280
CHR7	21220168	CHR7:21220168	SSF x Near_LoA	-7,007	-0,066	0,299
CHR7	21224570	CHR7:21224570	SSF x Near_LoA	-6,979	0,155	0,282
CHR7	21260440	CHR7:21260440	SSF x Near_LoA	-6,246	0,178	0,277
CHR7	2126746	CHR7:2126746	SSF x Near_LoA	-9,655	-0,056	0,282
CHR7	2126843	CHR7:2126843	SSF x Near_LoA	-8,858	0,102	0,279

CHR7	21279243	CHR7:21279243	SSF x Near_LoA	-7,556	-0,121	0,293
CHR7	21279299	CHR7:21279299	SSF x Near_LoA	-5,458	-0,221	0,270
CHR7	21279435	CHR7:21279435	SSF x Near_LoA	-10,626	0,073	0,279
CHR7	2128083	CHR7:2128083	SSF x Near_LoA	-6,697	-0,038	0,302
CHR7	21295574	CHR7:21295574	SSF x Near_LoA	-2,970	0,172	0,273
CHR7	21297155	CHR7:21297155	SSF x Near_LoA	-9,864	-0,086	0,295
CHR7	2132257	CHR7:2132257	SSF x Near_LoA	-7,844	0,089	0,274
CHR7	2132319	CHR7:2132319	SSF x Near_LoA	-9,255	0,078	0,272
CHR7	2132427	CHR7:2132427	SSF x Near_LoA	-7,054	-0,048	0,277
CHR7	21325460	CHR7:21325460	SSF x Near_LoA	-9,808	-0,072	0,291
CHR7	21325744	CHR7:21325744	SSF x Near_LoA	-7,331	0,073	0,290
CHR7	21325792	CHR7:21325792	SSF x Near_LoA	-8,868	0,015	0,272
CHR7	21325831	CHR7:21325831	SSF x Near_LoA	-8,147	0,007	0,287
CHR7	21325855	CHR7:21325855	SSF x Near_LoA	-7,157	-0,153	0,274
CHR7	21325860	CHR7:21325860	SSF x Near_LoA	-8,473	-0,096	0,284
CHR7	21353596	CHR7:21353596	SSF x Near_LoA	-7,367	0,140	0,261
CHR7	21353612	CHR7:21353612	SSF x Near_LoA	-4,661	0,061	0,269
CHR7	21353782	CHR7:21353782	SSF x Near_LoA	-10,687	-0,021	0,268
CHR7	21353857	CHR7:21353857	SSF x Near_LoA	-9,808	0,109	0,265
CHR7	21382689	CHR7:21382689	SSF x Near_LoA	-8,116	0,106	0,282
CHR7	21382740	CHR7:21382740	SSF x Near_LoA	-9,368	-0,053	0,286
CHR7	21382753	CHR7:21382753	SSF x Near_LoA	-8,288	0,001	0,291
CHR7	21382787	CHR7:21382787	SSF x Near_LoA	-10,167	0,075	0,287
CHR7	21382846	CHR7:21382846	SSF x Near_LoA	-7,135	-0,007	0,266
CHR7	21382880	CHR7:21382880	SSF x Near_LoA	-8,362	-0,015	0,298
CHR7	21382942	CHR7:21382942	SSF x Near_LoA	-5,875	0,097	0,292
CHR7	21382966	CHR7:21382966	SSF x Near_LoA	-7,850	-0,096	0,266
CHR7	21402193	CHR7:21402193	SSF x Near_LoA	-9,016	-0,068	0,285
CHR7	21402213	CHR7:21402213	SSF x Near_LoA	-8,400	-0,104	0,274
CHR7	21402267	CHR7:21402267	SSF x Near_LoA	-7,208	-0,103	0,291
CHR7	21402420	CHR7:21402420	SSF x Near_LoA	-5,656	-0,182	0,269
CHR7	21402564	CHR7:21402564	SSF x Near_LoA	-9,726	-0,080	0,285
CHR7	21402568	CHR7:21402568	SSF x Near_LoA	-5,641	0,056	0,296
CHR7	21406535	CHR7:21406535	SSF x Near_LoA	-8,310	-0,010	0,306
CHR7	21411552	CHR7:21411552	SSF x Near_LoA	-7,602	0,023	0,286
CHR7	21411599	CHR7:21411599	SSF x Near_LoA	-8,046	-0,019	0,286
CHR7	21411653	CHR7:21411653	SSF x Near_LoA	-8,149	0,008	0,284
CHR7	21411658	CHR7:21411658	SSF x Near_LoA	-2,950	-0,039	0,291
CHR7	21411685	CHR7:21411685	SSF x Near_LoA	-7,076	0,070	0,290
CHR7	21411697	CHR7:21411697	SSF x Near_LoA	-8,242	0,098	0,287
CHR7	21411714	CHR7:21411714	SSF x Near_LoA	-8,184	0,054	0,277
CHR7	21411729	CHR7:21411729	SSF x Near_LoA	-9,973	0,065	0,276
CHR7	21411761	CHR7:21411761	SSF x Near_LoA	-9,568	0,010	0,284
CHR7	21411785	CHR7:21411785	SSF x Near_LoA	-8,885	0,012	0,268
CHR7	21417648	CHR7:21417648	SSF x Near_LoA	-8,187	-0,065	0,288
CHR7	21417651	CHR7:21417651	SSF x Near_LoA	-5,440	-0,081	0,291
CHR7	21417653	CHR7:21417653	SSF x Near_LoA	-7,833	-0,078	0,291
CHR7	21417655	CHR7:21417655	SSF x Near_LoA	-7,910	-0,064	0,291
CHR7	21417712	CHR7:21417712	SSF x Near_LoA	-7,375	0,074	0,291
CHR7	21417808	CHR7:21417808	SSF x Near_LoA	-7,639	0,111	0,290
CHR7	21417822	CHR7:21417822	SSF x Near_LoA	-7,869	0,087	0,279
CHR7	21417850	CHR7:21417850	SSF x Near_LoA	-8,563	-0,030	0,279
CHR7	21430187	CHR7:21430187	SSF x Near_LoA	-1,668	-0,186	0,266

CHR7	21437951	CHR7:21437951	SSF x Near_LoA	-6,555	-0,076	0,293
CHR7	21437976	CHR7:21437976	SSF x Near_LoA	-5,918	0,140	0,297
CHR7	21437985	CHR7:21437985	SSF x Near_LoA	-8,911	-0,146	0,287
CHR7	21438018	CHR7:21438018	SSF x Near_LoA	-7,593	-0,183	0,276
CHR7	21438029	CHR7:21438029	SSF x Near_LoA	1,718	-0,316	0,248
CHR7	21438052	CHR7:21438052	SSF x Near_LoA	3,033	-0,203	0,283
CHR7	21438079	CHR7:21438079	SSF x Near_LoA	-7,992	-0,081	0,285
CHR7	21438218	CHR7:21438218	SSF x Near_LoA	-7,351	-0,035	0,284
CHR7	21459158	CHR7:21459158	SSF x Near_LoA	-7,522	0,014	0,285
CHR7	21459508	CHR7:21459508	SSF x Near_LoA	3,431	0,300	0,261
CHR7	21464257	CHR7:21464257	SSF x Near_LoA	-9,579	-0,011	0,291
CHR7	21496345	CHR7:21496345	SSF x Near_LoA	-6,758	-0,095	0,281
CHR7	21496429	CHR7:21496429	SSF x Near_LoA	-8,475	-0,005	0,288
CHR7	21496433	CHR7:21496433	SSF x Near_LoA	-7,998	-0,135	0,282
CHR7	21496547	CHR7:21496547	SSF x Near_LoA	-8,378	0,035	0,282
CHR7	21513562	CHR7:21513562	SSF x Near_LoA	-6,564	0,119	0,285
CHR7	21513599	CHR7:21513599	SSF x Near_LoA	-6,933	0,114	0,279
CHR7	21524697	CHR7:21524697	SSF x Near_LoA	-5,721	-0,193	0,272
CHR7	21524750	CHR7:21524750	SSF x Near_LoA	-3,858	-0,071	0,295
CHR7	21524905	CHR7:21524905	SSF x Near_LoA	-6,801	0,044	0,293
CHR7	21540183	CHR7:21540183	SSF x Near_LoA	-7,630	-0,067	0,290
CHR7	21540273	CHR7:21540273	SSF x Near_LoA	-7,985	0,075	0,293
CHR7	21545070	CHR7:21545070	SSF x Near_LoA	-7,988	0,131	0,280
CHR7	21545080	CHR7:21545080	SSF x Near_LoA	-4,378	0,086	0,297
CHR7	21546806	CHR7:21546806	SSF x Near_LoA	-1,378	0,214	0,271
CHR7	21549336	CHR7:21549336	SSF x Near_LoA	-9,313	0,057	0,289
CHR7	21549340	CHR7:21549340	SSF x Near_LoA	-8,284	0,013	0,284
CHR7	21555411	CHR7:21555411	SSF x Near_LoA	-7,792	-0,059	0,291
CHR7	21555412	CHR7:21555412	SSF x Near_LoA	-8,630	-0,016	0,295
CHR7	21555487	CHR7:21555487	SSF x Near_LoA	-9,083	0,018	0,294
CHR7	21555555	CHR7:21555555	SSF x Near_LoA	-4,592	0,102	0,276
CHR7	21555653	CHR7:21555653	SSF x Near_LoA	-7,012	-0,082	0,275
CHR7	21555665	CHR7:21555665	SSF x Near_LoA	-8,361	-0,024	0,272
CHR7	21555675	CHR7:21555675	SSF x Near_LoA	-8,405	-0,088	0,289
CHR7	21555677	CHR7:21555677	SSF x Near_LoA	-9,427	-0,014	0,276
CHR7	21564980	CHR7:21564980	SSF x Near_LoA	-4,333	-0,221	0,277
CHR7	21567052	CHR7:21567052	SSF x Near_LoA	-8,995	-0,056	0,274
CHR7	21567070	CHR7:21567070	SSF x Near_LoA	-4,916	0,052	0,308
CHR7	21574819	CHR7:21574819	SSF x Near_LoA	-3,850	-0,206	0,276
CHR7	21574858	CHR7:21574858	SSF x Near_LoA	-9,339	0,076	0,278
CHR7	21574883	CHR7:21574883	SSF x Near_LoA	-2,404	-0,123	0,281
CHR7	21575050	CHR7:21575050	SSF x Near_LoA	-5,762	0,180	0,262
CHR7	21580064	CHR7:21580064	SSF x Near_LoA	-5,173	0,128	0,291
CHR7	2159642	CHR7:2159642	SSF x Near_LoA	-9,597	0,029	0,284
CHR7	21596878	CHR7:21596878	SSF x Near_LoA	-4,770	-0,229	0,276
CHR7	2159792	CHR7:2159792	SSF x Near_LoA	-7,734	0,068	0,295
CHR7	21605541	CHR7:21605541	SSF x Near_LoA	-8,393	0,109	0,282
CHR7	21616332	CHR7:21616332	SSF x Near_LoA	-8,940	-0,061	0,285
CHR7	21616337	CHR7:21616337	SSF x Near_LoA	-10,319	-0,019	0,285
CHR7	21616345	CHR7:21616345	SSF x Near_LoA	-9,685	-0,003	0,302
CHR7	21616346	CHR7:21616346	SSF x Near_LoA	-10,008	-0,050	0,288
CHR7	21616352	CHR7:21616352	SSF x Near_LoA	-7,132	-0,118	0,289
CHR7	21616383	CHR7:21616383	SSF x Near_LoA	-3,533	0,239	0,274

CHR7	21616385	CHR7:21616385	SSF x Near_LoA	-8,071	0,059	0,294
CHR7	21616388	CHR7:21616388	SSF x Near_LoA	-4,190	-0,230	0,274
CHR7	21616397	CHR7:21616397	SSF x Near_LoA	-3,996	-0,220	0,283
CHR7	21616415	CHR7:21616415	SSF x Near_LoA	-3,711	-0,170	0,294
CHR7	21616425	CHR7:21616425	SSF x Near_LoA	-9,566	-0,080	0,286
CHR7	21616451	CHR7:21616451	SSF x Near_LoA	9,868	0,288	0,263
CHR7	21622466	CHR7:21622466	SSF x Near_LoA	-7,801	-0,197	0,279
CHR7	21622613	CHR7:21622613	SSF x Near_LoA	-9,355	0,012	0,286
CHR7	21642112	CHR7:21642112	SSF x Near_LoA	-7,681	-0,025	0,288
CHR7	21642121	CHR7:21642121	SSF x Near_LoA	-7,990	-0,021	0,289
CHR7	21642203	CHR7:21642203	SSF x Near_LoA	-10,477	0,029	0,281
CHR7	21642329	CHR7:21642329	SSF x Near_LoA	-7,552	0,112	0,285
CHR7	21645767	CHR7:21645767	SSF x Near_LoA	-5,902	-0,029	0,295
CHR7	21645800	CHR7:21645800	SSF x Near_LoA	-9,983	-0,089	0,276
CHR7	21645807	CHR7:21645807	SSF x Near_LoA	-6,447	0,042	0,308
CHR7	21645825	CHR7:21645825	SSF x Near_LoA	-4,904	0,103	0,287
CHR7	21645975	CHR7:21645975	SSF x Near_LoA	-7,203	-0,099	0,274
CHR7	21654206	CHR7:21654206	SSF x Near_LoA	-8,222	-0,120	0,287
CHR7	21654250	CHR7:21654250	SSF x Near_LoA	-8,961	0,033	0,304
CHR7	21654284	CHR7:21654284	SSF x Near_LoA	-6,199	-0,075	0,289
CHR7	21654289	CHR7:21654289	SSF x Near_LoA	-9,788	-0,071	0,278
CHR7	21654292	CHR7:21654292	SSF x Near_LoA	-8,687	-0,045	0,291
CHR7	21654305	CHR7:21654305	SSF x Near_LoA	-10,451	-0,093	0,277
CHR7	21654418	CHR7:21654418	SSF x Near_LoA	-9,518	-0,080	0,276
CHR7	21654427	CHR7:21654427	SSF x Near_LoA	-7,716	0,100	0,288
CHR7	21654438	CHR7:21654438	SSF x Near_LoA	-6,265	0,058	0,294
CHR7	21654442	CHR7:21654442	SSF x Near_LoA	-10,777	-0,019	0,279
CHR7	2165823	CHR7:2165823	SSF x Near_LoA	-9,181	-0,025	0,279
CHR7	21668216	CHR7:21668216	SSF x Near_LoA	-7,595	0,063	0,290
CHR7	21668233	CHR7:21668233	SSF x Near_LoA	-7,143	0,048	0,298
CHR7	21668260	CHR7:21668260	SSF x Near_LoA	-9,248	-0,066	0,285
CHR7	21668263	CHR7:21668263	SSF x Near_LoA	-7,812	0,007	0,284
CHR7	21668282	CHR7:21668282	SSF x Near_LoA	-6,849	0,024	0,291
CHR7	21668295	CHR7:21668295	SSF x Near_LoA	-7,344	0,048	0,285
CHR7	21668296	CHR7:21668296	SSF x Near_LoA	-7,397	0,080	0,275
CHR7	21668305	CHR7:21668305	SSF x Near_LoA	-7,215	0,105	0,278
CHR7	21668540	CHR7:21668540	SSF x Near_LoA	-6,406	0,038	0,298
CHR7	21680550	CHR7:21680550	SSF x Near_LoA	-6,272	-0,050	0,275
CHR7	21690320	CHR7:21690320	SSF x Near_LoA	-8,292	0,094	0,288
CHR7	21690373	CHR7:21690373	SSF x Near_LoA	-7,765	-0,025	0,281
CHR7	216999	CHR7:216999	SSF x Near_LoA	-7,414	-0,040	0,291
CHR7	21710548	CHR7:21710548	SSF x Near_LoA	-7,955	0,173	0,288
CHR7	21710609	CHR7:21710609	SSF x Near_LoA	-9,369	0,042	0,289
CHR7	21710628	CHR7:21710628	SSF x Near_LoA	-7,061	0,117	0,293
CHR7	21710645	CHR7:21710645	SSF x Near_LoA	-8,080	-0,089	0,297
CHR7	21715120	CHR7:21715120	SSF x Near_LoA	-4,545	-0,186	0,279
CHR7	21715231	CHR7:21715231	SSF x Near_LoA	-4,305	0,207	0,274
CHR7	21717293	CHR7:21717293	SSF x Near_LoA	-8,088	-0,178	0,269
CHR7	2172558	CHR7:2172558	SSF x Near_LoA	-8,502	-0,114	0,294
CHR7	2172568	CHR7:2172568	SSF x Near_LoA	-6,948	-0,082	0,299
CHR7	2172672	CHR7:2172672	SSF x Near_LoA	-4,498	0,191	0,261
CHR7	21730432	CHR7:21730432	SSF x Near_LoA	-7,966	0,049	0,281
CHR7	21730437	CHR7:21730437	SSF x Near_LoA	-8,967	0,041	0,273

CHR7	21730864	CHR7:21730864	SSF x Near_LoA	-8,397	0,049	0,294
CHR7	21750050	CHR7:21750050	SSF x Near_LoA	-9,833	0,053	0,295
CHR7	21750077	CHR7:21750077	SSF x Near_LoA	-8,353	-0,085	0,293
CHR7	2175637	CHR7:2175637	SSF x Near_LoA	-8,632	0,042	0,283
CHR7	2175784	CHR7:2175784	SSF x Near_LoA	-8,472	-0,016	0,289
CHR7	2175890	CHR7:2175890	SSF x Near_LoA	-7,953	0,070	0,287
CHR7	2175903	CHR7:2175903	SSF x Near_LoA	-7,462	0,071	0,308
CHR7	21767034	CHR7:21767034	SSF x Near_LoA	-5,959	-0,186	0,274
CHR7	21767070	CHR7:21767070	SSF x Near_LoA	-9,019	0,122	0,287
CHR7	21767095	CHR7:21767095	SSF x Near_LoA	-10,208	0,043	0,288
CHR7	21767130	CHR7:21767130	SSF x Near_LoA	2,702	0,129	0,275
CHR7	21767137	CHR7:21767137	SSF x Near_LoA	-5,180	0,214	0,265
CHR7	21770561	CHR7:21770561	SSF x Near_LoA	-8,159	-0,162	0,287
CHR7	21770668	CHR7:21770668	SSF x Near_LoA	-9,242	0,018	0,288
CHR7	2178726	CHR7:2178726	SSF x Near_LoA	-7,941	-0,064	0,278
CHR7	2178739	CHR7:2178739	SSF x Near_LoA	-6,935	0,064	0,293
CHR7	2178748	CHR7:2178748	SSF x Near_LoA	-9,620	0,067	0,280
CHR7	21789964	CHR7:21789964	SSF x Near_LoA	-9,269	-0,009	0,290
CHR7	21790010	CHR7:21790010	SSF x Near_LoA	-4,188	-0,250	0,272
CHR7	21790036	CHR7:21790036	SSF x Near_LoA	-4,134	0,134	0,297
CHR7	21790278	CHR7:21790278	SSF x Near_LoA	-4,680	0,043	0,277
CHR7	21794206	CHR7:21794206	SSF x Near_LoA	-7,793	-0,165	0,286
CHR7	21812823	CHR7:21812823	SSF x Near_LoA	-8,186	-0,056	0,280
CHR7	21812846	CHR7:21812846	SSF x Near_LoA	-8,785	0,056	0,272
CHR7	21812875	CHR7:21812875	SSF x Near_LoA	-8,658	-0,016	0,289
CHR7	21812877	CHR7:21812877	SSF x Near_LoA	-9,871	-0,023	0,290
CHR7	21812942	CHR7:21812942	SSF x Near_LoA	-8,704	0,033	0,285
CHR7	21815121	CHR7:21815121	SSF x Near_LoA	-9,961	-0,031	0,296
CHR7	21815165	CHR7:21815165	SSF x Near_LoA	-9,108	0,058	0,286
CHR7	2182078	CHR7:2182078	SSF x Near_LoA	-8,235	-0,022	0,275
CHR7	2182082	CHR7:2182082	SSF x Near_LoA	-9,921	0,112	0,291
CHR7	2182098	CHR7:2182098	SSF x Near_LoA	-8,152	0,035	0,282
CHR7	2182249	CHR7:2182249	SSF x Near_LoA	-8,034	0,023	0,301
CHR7	21827558	CHR7:21827558	SSF x Near_LoA	-6,312	-0,078	0,289
CHR7	21827561	CHR7:21827561	SSF x Near_LoA	-7,054	0,188	0,291
CHR7	21827704	CHR7:21827704	SSF x Near_LoA	-7,192	0,105	0,292
CHR7	21827752	CHR7:21827752	SSF x Near_LoA	-5,605	0,114	0,287
CHR7	21827753	CHR7:21827753	SSF x Near_LoA	-3,177	0,096	0,285
CHR7	21827795	CHR7:21827795	SSF x Near_LoA	-7,246	0,105	0,284
CHR7	21827798	CHR7:21827798	SSF x Near_LoA	-7,357	0,005	0,289
CHR7	21836294	CHR7:21836294	SSF x Near_LoA	-7,827	0,013	0,292
CHR7	21836341	CHR7:21836341	SSF x Near_LoA	-3,980	0,143	0,292
CHR7	21836345	CHR7:21836345	SSF x Near_LoA	-6,901	0,135	0,285
CHR7	21836436	CHR7:21836436	SSF x Near_LoA	-9,048	0,093	0,294
CHR7	21850453	CHR7:21850453	SSF x Near_LoA	-7,628	0,008	0,303
CHR7	21850551	CHR7:21850551	SSF x Near_LoA	-8,338	0,034	0,301
CHR7	21862761	CHR7:21862761	SSF x Near_LoA	-7,877	0,103	0,282
CHR7	21862777	CHR7:21862777	SSF x Near_LoA	-9,411	0,106	0,284
CHR7	21865805	CHR7:21865805	SSF x Near_LoA	-9,103	0,008	0,291
CHR7	21865869	CHR7:21865869	SSF x Near_LoA	-8,726	0,016	0,278
CHR7	21865874	CHR7:21865874	SSF x Near_LoA	-6,992	0,003	0,293
CHR7	21865926	CHR7:21865926	SSF x Near_LoA	-6,732	0,140	0,282
CHR7	21865981	CHR7:21865981	SSF x Near_LoA	-6,782	0,023	0,285

CHR7	21880304	CHR7:21880304	SSF x Near_LoA	-8,344	-0,073	0,299
CHR7	21880381	CHR7:21880381	SSF x Near_LoA	-6,693	0,093	0,281
CHR7	21880392	CHR7:21880392	SSF x Near_LoA	-6,523	-0,080	0,302
CHR7	21880410	CHR7:21880410	SSF x Near_LoA	-8,967	-0,012	0,275
CHR7	21880439	CHR7:21880439	SSF x Near_LoA	-9,733	0,011	0,276
CHR7	2188268	CHR7:2188268	SSF x Near_LoA	-9,883	-0,001	0,278
CHR7	21893406	CHR7:21893406	SSF x Near_LoA	-6,973	-0,133	0,280
CHR7	21893631	CHR7:21893631	SSF x Near_LoA	-8,599	-0,049	0,281
CHR7	21897054	CHR7:21897054	SSF x Near_LoA	-4,792	-0,197	0,284
CHR7	21897112	CHR7:21897112	SSF x Near_LoA	-8,098	0,074	0,294
CHR7	21897195	CHR7:21897195	SSF x Near_LoA	-9,810	0,093	0,292
CHR7	21897359	CHR7:21897359	SSF x Near_LoA	-4,584	0,131	0,280
CHR7	2191432	CHR7:2191432	SSF x Near_LoA	-6,844	0,142	0,271
CHR7	21914320	CHR7:21914320	SSF x Near_LoA	-7,731	0,048	0,305
CHR7	21914499	CHR7:21914499	SSF x Near_LoA	-9,784	0,021	0,287
CHR7	21914569	CHR7:21914569	SSF x Near_LoA	-9,177	-0,071	0,300
CHR7	21914595	CHR7:21914595	SSF x Near_LoA	-1,368	0,267	0,276
CHR7	2191595	CHR7:2191595	SSF x Near_LoA	-7,950	-0,125	0,285
CHR7	21920010	CHR7:21920010	SSF x Near_LoA	-10,466	-0,040	0,287
CHR7	21925479	CHR7:21925479	SSF x Near_LoA	-8,161	0,033	0,289
CHR7	21925512	CHR7:21925512	SSF x Near_LoA	-6,525	0,055	0,285
CHR7	21925654	CHR7:21925654	SSF x Near_LoA	-9,860	0,008	0,290
CHR7	21929205	CHR7:21929205	SSF x Near_LoA	-10,406	-0,054	0,275
CHR7	21929213	CHR7:21929213	SSF x Near_LoA	-4,457	-0,202	0,281
CHR7	21935762	CHR7:21935762	SSF x Near_LoA	0,041	0,220	0,267
CHR7	21943150	CHR7:21943150	SSF x Near_LoA	4,278	0,145	0,292
CHR7	21943216	CHR7:21943216	SSF x Near_LoA	-8,609	0,004	0,294
CHR7	21943245	CHR7:21943245	SSF x Near_LoA	-7,805	0,031	0,298
CHR7	2195777	CHR7:2195777	SSF x Near_LoA	-9,243	0,022	0,286
CHR7	21964055	CHR7:21964055	SSF x Near_LoA	-7,325	-0,118	0,295
CHR7	21990734	CHR7:21990734	SSF x Near_LoA	-8,857	-0,004	0,282
CHR7	21990753	CHR7:21990753	SSF x Near_LoA	-8,549	-0,052	0,285
CHR7	21990784	CHR7:21990784	SSF x Near_LoA	-7,582	0,042	0,293
CHR7	21990795	CHR7:21990795	SSF x Near_LoA	-8,626	-0,114	0,280
CHR7	21990799	CHR7:21990799	SSF x Near_LoA	-7,436	0,037	0,295
CHR7	21994210	CHR7:21994210	SSF x Near_LoA	-6,922	0,108	0,277
CHR7	21994219	CHR7:21994219	SSF x Near_LoA	-8,828	-0,004	0,293
CHR7	21994270	CHR7:21994270	SSF x Near_LoA	-6,638	0,032	0,259
CHR7	21994371	CHR7:21994371	SSF x Near_LoA	-5,278	-0,134	0,267
CHR7	21994394	CHR7:21994394	SSF x Near_LoA	-7,381	0,048	0,283
CHR7	21994403	CHR7:21994403	SSF x Near_LoA	-7,355	0,088	0,282
CHR7	22014538	CHR7:22014538	SSF x Near_LoA	-8,450	-0,062	0,289
CHR7	22014559	CHR7:22014559	SSF x Near_LoA	-5,500	-0,076	0,275
CHR7	22014612	CHR7:22014612	SSF x Near_LoA	-4,153	-0,126	0,276
CHR7	22014629	CHR7:22014629	SSF x Near_LoA	-7,289	-0,122	0,283
CHR7	22014647	CHR7:22014647	SSF x Near_LoA	-10,857	0,031	0,287
CHR7	22014649	CHR7:22014649	SSF x Near_LoA	-8,422	-0,071	0,276
CHR7	22014650	CHR7:22014650	SSF x Near_LoA	-7,967	-0,074	0,295
CHR7	22014677	CHR7:22014677	SSF x Near_LoA	-6,533	0,033	0,290
CHR7	22014885	CHR7:22014885	SSF x Near_LoA	-6,633	0,050	0,294
CHR7	22014892	CHR7:22014892	SSF x Near_LoA	-8,518	0,086	0,295
CHR7	22030941	CHR7:22030941	SSF x Near_LoA	-2,984	-0,199	0,265
CHR7	2206369	CHR7:2206369	SSF x Near_LoA	-8,045	0,100	0,290

CHR7	22063821	CHR7:22063821	SSF x Near_LoA	-6,828	0,089	0,296
CHR7	2206491	CHR7:2206491	SSF x Near_LoA	-9,241	0,035	0,287
CHR7	2206665	CHR7:2206665	SSF x Near_LoA	-7,606	-0,162	0,272
CHR7	22068252	CHR7:22068252	SSF x Near_LoA	-7,614	-0,052	0,289
CHR7	22068272	CHR7:22068272	SSF x Near_LoA	-6,898	0,078	0,300
CHR7	22068274	CHR7:22068274	SSF x Near_LoA	-6,763	0,111	0,282
CHR7	22068277	CHR7:22068277	SSF x Near_LoA	-10,159	0,058	0,289
CHR7	22068394	CHR7:22068394	SSF x Near_LoA	-4,973	0,181	0,281
CHR7	22096700	CHR7:22096700	SSF x Near_LoA	-8,088	0,062	0,273
CHR7	22096733	CHR7:22096733	SSF x Near_LoA	-7,164	0,099	0,274
CHR7	22103081	CHR7:22103081	SSF x Near_LoA	-6,296	0,056	0,278
CHR7	22103163	CHR7:22103163	SSF x Near_LoA	-9,376	0,006	0,292
CHR7	22103188	CHR7:22103188	SSF x Near_LoA	-8,070	-0,058	0,285
CHR7	22103248	CHR7:22103248	SSF x Near_LoA	-5,837	-0,074	0,307
CHR7	22103467	CHR7:22103467	SSF x Near_LoA	-8,203	-0,026	0,279
CHR7	22126899	CHR7:22126899	SSF x Near_LoA	-4,626	0,177	0,281
CHR7	22135508	CHR7:22135508	SSF x Near_LoA	-6,048	0,139	0,289
CHR7	22146207	CHR7:22146207	SSF x Near_LoA	-8,088	-0,061	0,294
CHR7	22146211	CHR7:22146211	SSF x Near_LoA	-10,779	0,013	0,286
CHR7	22167281	CHR7:22167281	SSF x Near_LoA	-7,365	-0,072	0,298
CHR7	22172189	CHR7:22172189	SSF x Near_LoA	-8,595	0,019	0,295
CHR7	2219220	CHR7:2219220	SSF x Near_LoA	-0,387	-0,101	0,285
CHR7	2219300	CHR7:2219300	SSF x Near_LoA	-7,949	-0,045	0,303
CHR7	2219329	CHR7:2219329	SSF x Near_LoA	-5,498	-0,143	0,284
CHR7	22197998	CHR7:22197998	SSF x Near_LoA	-5,209	-0,079	0,308
CHR7	22198010	CHR7:22198010	SSF x Near_LoA	-7,757	0,093	0,287
CHR7	22198014	CHR7:22198014	SSF x Near_LoA	-3,687	0,227	0,260
CHR7	22198052	CHR7:22198052	SSF x Near_LoA	-5,806	-0,105	0,286
CHR7	22198064	CHR7:22198064	SSF x Near_LoA	-6,286	0,216	0,268
CHR7	22199245	CHR7:22199245	SSF x Near_LoA	-6,378	-0,088	0,292
CHR7	22199444	CHR7:22199444	SSF x Near_LoA	-8,500	-0,142	0,275
CHR7	22203522	CHR7:22203522	SSF x Near_LoA	-9,995	-0,058	0,279
CHR7	22203526	CHR7:22203526	SSF x Near_LoA	-9,752	-0,064	0,295
CHR7	22203538	CHR7:22203538	SSF x Near_LoA	-7,061	-0,120	0,272
CHR7	22203544	CHR7:22203544	SSF x Near_LoA	-10,727	-0,046	0,290
CHR7	22203545	CHR7:22203545	SSF x Near_LoA	-7,283	-0,138	0,300
CHR7	22203617	CHR7:22203617	SSF x Near_LoA	-8,782	-0,143	0,288
CHR7	22203654	CHR7:22203654	SSF x Near_LoA	-7,605	-0,089	0,293
CHR7	22203676	CHR7:22203676	SSF x Near_LoA	-6,996	-0,102	0,282
CHR7	22203756	CHR7:22203756	SSF x Near_LoA	-8,191	-0,037	0,293
CHR7	22205985	CHR7:22205985	SSF x Near_LoA	-6,782	0,133	0,274
CHR7	22206285	CHR7:22206285	SSF x Near_LoA	-8,580	-0,054	0,285
CHR7	22211275	CHR7:22211275	SSF x Near_LoA	-2,734	0,040	0,303
CHR7	22211279	CHR7:22211279	SSF x Near_LoA	-9,068	0,016	0,285
CHR7	22211281	CHR7:22211281	SSF x Near_LoA	-9,208	0,030	0,281
CHR7	22211330	CHR7:22211330	SSF x Near_LoA	-8,270	-0,005	0,286
CHR7	22217277	CHR7:22217277	SSF x Near_LoA	-9,637	-0,052	0,279
CHR7	22217372	CHR7:22217372	SSF x Near_LoA	-7,105	0,028	0,277
CHR7	22222089	CHR7:22222089	SSF x Near_LoA	-5,328	0,078	0,275
CHR7	22222208	CHR7:22222208	SSF x Near_LoA	-9,686	0,035	0,281
CHR7	22223596	CHR7:22223596	SSF x Near_LoA	-9,432	-0,007	0,299
CHR7	22228323	CHR7:22228323	SSF x Near_LoA	-5,923	-0,046	0,285
CHR7	2223061	CHR7:2223061	SSF x Near_LoA	-6,839	-0,082	0,284

CHR7	2223133	CHR7:2223133	SSF x Near_LoA	-4,197	0,140	0,290
CHR7	2223155	CHR7:2223155	SSF x Near_LoA	-1,011	0,206	0,284
CHR7	2223177	CHR7:2223177	SSF x Near_LoA	-1,503	0,180	0,269
CHR7	2223230	CHR7:2223230	SSF x Near_LoA	-8,664	-0,008	0,289
CHR7	2223231	CHR7:2223231	SSF x Near_LoA	2,410	-0,115	0,281
CHR7	22241556	CHR7:22241556	SSF x Near_LoA	-8,689	0,079	0,289
CHR7	22241709	CHR7:22241709	SSF x Near_LoA	-8,157	-0,060	0,291
CHR7	22241787	CHR7:22241787	SSF x Near_LoA	-9,831	-0,012	0,287
CHR7	22251445	CHR7:22251445	SSF x Near_LoA	-6,659	-0,154	0,270
CHR7	22251543	CHR7:22251543	SSF x Near_LoA	-7,555	-0,051	0,296
CHR7	22270925	CHR7:22270925	SSF x Near_LoA	-5,927	-0,125	0,281
CHR7	22278917	CHR7:22278917	SSF x Near_LoA	-9,022	-0,022	0,281
CHR7	22279036	CHR7:22279036	SSF x Near_LoA	-10,664	-0,045	0,281
CHR7	22279063	CHR7:22279063	SSF x Near_LoA	-8,291	0,150	0,286
CHR7	22279140	CHR7:22279140	SSF x Near_LoA	-7,867	0,127	0,283
CHR7	22282905	CHR7:22282905	SSF x Near_LoA	-9,052	-0,146	0,294
CHR7	22282995	CHR7:22282995	SSF x Near_LoA	-5,541	-0,121	0,289
CHR7	22283038	CHR7:22283038	SSF x Near_LoA	-6,051	0,021	0,293
CHR7	22283045	CHR7:22283045	SSF x Near_LoA	-7,487	0,084	0,264
CHR7	22283056	CHR7:22283056	SSF x Near_LoA	6,992	-0,016	0,296
CHR7	22309572	CHR7:22309572	SSF x Near_LoA	-9,053	0,064	0,287
CHR7	22313298	CHR7:22313298	SSF x Near_LoA	-8,443	-0,064	0,295
CHR7	22313355	CHR7:22313355	SSF x Near_LoA	-2,267	0,135	0,298
CHR7	22313424	CHR7:22313424	SSF x Near_LoA	-6,764	-0,046	0,278
CHR7	22320004	CHR7:22320004	SSF x Near_LoA	-8,011	0,142	0,284
CHR7	22320026	CHR7:22320026	SSF x Near_LoA	-9,885	0,005	0,294
CHR7	22322721	CHR7:22322721	SSF x Near_LoA	-7,719	0,011	0,291
CHR7	22322748	CHR7:22322748	SSF x Near_LoA	-5,548	-0,040	0,306
CHR7	22322767	CHR7:22322767	SSF x Near_LoA	-9,127	-0,001	0,299
CHR7	22322768	CHR7:22322768	SSF x Near_LoA	-7,836	0,018	0,283
CHR7	22322819	CHR7:22322819	SSF x Near_LoA	-7,718	0,067	0,278
CHR7	22322838	CHR7:22322838	SSF x Near_LoA	-8,725	0,044	0,281
CHR7	22322873	CHR7:22322873	SSF x Near_LoA	-7,996	-0,057	0,281
CHR7	22328236	CHR7:22328236	SSF x Near_LoA	-10,127	-0,059	0,292
CHR7	22328315	CHR7:22328315	SSF x Near_LoA	-7,943	-0,012	0,298
CHR7	22329951	CHR7:22329951	SSF x Near_LoA	-7,889	0,105	0,290
CHR7	22329964	CHR7:22329964	SSF x Near_LoA	-7,862	0,062	0,268
CHR7	22330018	CHR7:22330018	SSF x Near_LoA	-7,364	0,141	0,286
CHR7	22330034	CHR7:22330034	SSF x Near_LoA	-9,927	-0,054	0,286
CHR7	22330036	CHR7:22330036	SSF x Near_LoA	-9,994	-0,005	0,282
CHR7	22330039	CHR7:22330039	SSF x Near_LoA	-8,157	0,085	0,303
CHR7	22330137	CHR7:22330137	SSF x Near_LoA	-9,277	-0,056	0,291
CHR7	22330218	CHR7:22330218	SSF x Near_LoA	-5,165	0,256	0,270
CHR7	2233064	CHR7:2233064	SSF x Near_LoA	-8,408	-0,036	0,295
CHR7	2233124	CHR7:2233124	SSF x Near_LoA	-7,543	0,056	0,265
CHR7	2233150	CHR7:2233150	SSF x Near_LoA	-9,181	0,041	0,290
CHR7	22371448	CHR7:22371448	SSF x Near_LoA	-9,181	0,006	0,280
CHR7	22378774	CHR7:22378774	SSF x Near_LoA	-9,636	-0,058	0,280
CHR7	22378888	CHR7:22378888	SSF x Near_LoA	-10,118	0,006	0,282
CHR7	22378924	CHR7:22378924	SSF x Near_LoA	-7,413	0,076	0,288
CHR7	22378946	CHR7:22378946	SSF x Near_LoA	-8,127	0,068	0,276
CHR7	22378948	CHR7:22378948	SSF x Near_LoA	-6,599	0,031	0,283
CHR7	22378949	CHR7:22378949	SSF x Near_LoA	-7,796	0,054	0,274

CHR7	22379005	CHR7:22379005	SSF x Near_LoA	-7,273	-0,082	0,302
CHR7	22383654	CHR7:22383654	SSF x Near_LoA	-10,787	-0,043	0,287
CHR7	22383888	CHR7:22383888	SSF x Near_LoA	-9,192	-0,001	0,295
CHR7	22383895	CHR7:22383895	SSF x Near_LoA	-8,445	-0,009	0,289
CHR7	22385107	CHR7:22385107	SSF x Near_LoA	-6,881	0,039	0,286
CHR7	22388246	CHR7:22388246	SSF x Near_LoA	-7,269	-0,069	0,288
CHR7	22388344	CHR7:22388344	SSF x Near_LoA	-6,258	0,147	0,283
CHR7	22388359	CHR7:22388359	SSF x Near_LoA	-7,295	-0,099	0,276
CHR7	22394865	CHR7:22394865	SSF x Near_LoA	-7,600	-0,023	0,302
CHR7	2240147	CHR7:2240147	SSF x Near_LoA	-8,364	0,120	0,282
CHR7	22414944	CHR7:22414944	SSF x Near_LoA	-7,432	0,048	0,272
CHR7	22415065	CHR7:22415065	SSF x Near_LoA	-6,794	-0,160	0,288
CHR7	22415092	CHR7:22415092	SSF x Near_LoA	-9,763	-0,086	0,288
CHR7	2242676	CHR7:2242676	SSF x Near_LoA	-3,841	0,157	0,273
CHR7	2242682	CHR7:2242682	SSF x Near_LoA	-8,656	-0,065	0,270
CHR7	22436937	CHR7:22436937	SSF x Near_LoA	-10,676	-0,043	0,281
CHR7	22436941	CHR7:22436941	SSF x Near_LoA	-10,988	-0,033	0,285
CHR7	22437018	CHR7:22437018	SSF x Near_LoA	-7,161	-0,030	0,288
CHR7	22437026	CHR7:22437026	SSF x Near_LoA	-6,274	-0,022	0,289
CHR7	22437100	CHR7:22437100	SSF x Near_LoA	-7,939	-0,066	0,284
CHR7	22437239	CHR7:22437239	SSF x Near_LoA	-9,810	-0,029	0,307
CHR7	22463470	CHR7:22463470	SSF x Near_LoA	-8,159	0,075	0,296
CHR7	22469187	CHR7:22469187	SSF x Near_LoA	-9,260	-0,125	0,275
CHR7	22469372	CHR7:22469372	SSF x Near_LoA	-7,468	-0,102	0,277
CHR7	2247556	CHR7:2247556	SSF x Near_LoA	-8,183	0,109	0,286
CHR7	2247739	CHR7:2247739	SSF x Near_LoA	-7,757	-0,050	0,289
CHR7	2247785	CHR7:2247785	SSF x Near_LoA	-9,610	-0,117	0,277
CHR7	2247846	CHR7:2247846	SSF x Near_LoA	-7,807	-0,108	0,295
CHR7	2247874	CHR7:2247874	SSF x Near_LoA	-8,532	-0,132	0,283
CHR7	2247889	CHR7:2247889	SSF x Near_LoA	-7,901	-0,181	0,278
CHR7	22485659	CHR7:22485659	SSF x Near_LoA	-9,883	-0,002	0,300
CHR7	22485676	CHR7:22485676	SSF x Near_LoA	-10,461	0,081	0,289
CHR7	22485808	CHR7:22485808	SSF x Near_LoA	-10,173	-0,014	0,286
CHR7	22485828	CHR7:22485828	SSF x Near_LoA	-7,189	0,084	0,292
CHR7	22485839	CHR7:22485839	SSF x Near_LoA	-11,250	0,009	0,286
CHR7	22485903	CHR7:22485903	SSF x Near_LoA	-7,363	0,063	0,285
CHR7	22485927	CHR7:22485927	SSF x Near_LoA	-6,750	-0,055	0,295
CHR7	22493909	CHR7:22493909	SSF x Near_LoA	-5,557	-0,135	0,292
CHR7	22493982	CHR7:22493982	SSF x Near_LoA	-5,894	-0,120	0,288
CHR7	22494003	CHR7:22494003	SSF x Near_LoA	-8,233	-0,041	0,303
CHR7	22494012	CHR7:22494012	SSF x Near_LoA	-8,601	0,058	0,286
CHR7	22494088	CHR7:22494088	SSF x Near_LoA	-1,591	0,001	0,283
CHR7	22494130	CHR7:22494130	SSF x Near_LoA	-6,636	0,082	0,289
CHR7	22496887	CHR7:22496887	SSF x Near_LoA	-5,286	0,230	0,279
CHR7	22497060	CHR7:22497060	SSF x Near_LoA	-6,860	-0,096	0,299
CHR7	22497254	CHR7:22497254	SSF x Near_LoA	-6,904	-0,012	0,294
CHR7	22497269	CHR7:22497269	SSF x Near_LoA	-8,052	0,024	0,300
CHR7	22499548	CHR7:22499548	SSF x Near_LoA	-7,605	0,067	0,280
CHR7	22499566	CHR7:22499566	SSF x Near_LoA	-7,993	-0,013	0,294
CHR7	22499605	CHR7:22499605	SSF x Near_LoA	-7,459	-0,068	0,268
CHR7	22499627	CHR7:22499627	SSF x Near_LoA	-7,704	-0,070	0,285
CHR7	22499635	CHR7:22499635	SSF x Near_LoA	-6,974	-0,091	0,283
CHR7	22499638	CHR7:22499638	SSF x Near_LoA	-3,281	-0,089	0,277

CHR7	22501697	CHR7:22501697	SSF x Near_LoA	-8,419	0,023	0,287
CHR7	22504861	CHR7:22504861	SSF x Near_LoA	-9,342	-0,041	0,292
CHR7	22504893	CHR7:22504893	SSF x Near_LoA	-6,868	-0,081	0,290
CHR7	22504894	CHR7:22504894	SSF x Near_LoA	-7,014	-0,085	0,293
CHR7	22504912	CHR7:22504912	SSF x Near_LoA	-8,081	0,074	0,288
CHR7	22508422	CHR7:22508422	SSF x Near_LoA	-9,743	0,117	0,290
CHR7	2251851	CHR7:2251851	SSF x Near_LoA	-6,941	-0,035	0,264
CHR7	2251858	CHR7:2251858	SSF x Near_LoA	-6,825	0,070	0,277
CHR7	2251930	CHR7:2251930	SSF x Near_LoA	-4,720	0,109	0,290
CHR7	22523864	CHR7:22523864	SSF x Near_LoA	-10,047	-0,009	0,294
CHR7	22523952	CHR7:22523952	SSF x Near_LoA	-6,780	-0,029	0,304
CHR7	22535387	CHR7:22535387	SSF x Near_LoA	-7,336	0,003	0,304
CHR7	22545674	CHR7:22545674	SSF x Near_LoA	-9,908	0,027	0,282
CHR7	22545887	CHR7:22545887	SSF x Near_LoA	-7,798	-0,131	0,290
CHR7	22559659	CHR7:22559659	SSF x Near_LoA	-5,423	-0,180	0,267
CHR7	22559661	CHR7:22559661	SSF x Near_LoA	-1,884	-0,197	0,272
CHR7	22563187	CHR7:22563187	SSF x Near_LoA	-10,034	0,033	0,294
CHR7	22563272	CHR7:22563272	SSF x Near_LoA	-7,928	0,047	0,277
CHR7	22563273	CHR7:22563273	SSF x Near_LoA	-7,519	0,084	0,272
CHR7	22563287	CHR7:22563287	SSF x Near_LoA	-8,055	-0,105	0,273
CHR7	22563347	CHR7:22563347	SSF x Near_LoA	-8,634	-0,110	0,294
CHR7	22563398	CHR7:22563398	SSF x Near_LoA	-10,689	-0,055	0,279
CHR7	22563447	CHR7:22563447	SSF x Near_LoA	-9,608	-0,011	0,295
CHR7	22595069	CHR7:22595069	SSF x Near_LoA	-7,672	-0,043	0,288
CHR7	22598982	CHR7:22598982	SSF x Near_LoA	-6,454	-0,041	0,281
CHR7	22598991	CHR7:22598991	SSF x Near_LoA	-6,885	-0,147	0,284
CHR7	2262131	CHR7:2262131	SSF x Near_LoA	-8,765	-0,058	0,297
CHR7	2262147	CHR7:2262147	SSF x Near_LoA	-8,656	-0,029	0,291
CHR7	2262176	CHR7:2262176	SSF x Near_LoA	-7,205	-0,143	0,281
CHR7	2262289	CHR7:2262289	SSF x Near_LoA	-8,400	0,084	0,284
CHR7	2262291	CHR7:2262291	SSF x Near_LoA	-8,215	-0,097	0,284
CHR7	22631625	CHR7:22631625	SSF x Near_LoA	-9,426	-0,081	0,283
CHR7	22631636	CHR7:22631636	SSF x Near_LoA	-8,625	0,027	0,290
CHR7	22631665	CHR7:22631665	SSF x Near_LoA	-10,473	0,028	0,287
CHR7	22631710	CHR7:22631710	SSF x Near_LoA	-7,707	0,005	0,296
CHR7	22631728	CHR7:22631728	SSF x Near_LoA	-7,082	0,028	0,301
CHR7	22631731	CHR7:22631731	SSF x Near_LoA	-10,130	-0,041	0,291
CHR7	22631740	CHR7:22631740	SSF x Near_LoA	-8,643	-0,044	0,294
CHR7	22631864	CHR7:22631864	SSF x Near_LoA	-8,388	0,074	0,268
CHR7	22631908	CHR7:22631908	SSF x Near_LoA	-7,003	0,094	0,276
CHR7	22654910	CHR7:22654910	SSF x Near_LoA	-9,210	-0,037	0,281
CHR7	22654968	CHR7:22654968	SSF x Near_LoA	-6,130	0,148	0,279
CHR7	22654969	CHR7:22654969	SSF x Near_LoA	-7,098	0,158	0,281
CHR7	22662021	CHR7:22662021	SSF x Near_LoA	-5,015	-0,028	0,294
CHR7	22662028	CHR7:22662028	SSF x Near_LoA	-10,559	0,025	0,291
CHR7	22662204	CHR7:22662204	SSF x Near_LoA	-10,111	0,003	0,284
CHR7	22676912	CHR7:22676912	SSF x Near_LoA	-8,910	-0,010	0,279
CHR7	22676965	CHR7:22676965	SSF x Near_LoA	0,034	-0,132	0,266
CHR7	22676995	CHR7:22676995	SSF x Near_LoA	-8,038	-0,007	0,298
CHR7	22677055	CHR7:22677055	SSF x Near_LoA	-8,362	-0,064	0,279
CHR7	2269822	CHR7:2269822	SSF x Near_LoA	-8,802	0,143	0,283
CHR7	22738663	CHR7:22738663	SSF x Near_LoA	-5,058	0,166	0,275
CHR7	22738740	CHR7:22738740	SSF x Near_LoA	-8,876	0,153	0,281

CHR7	22739605	CHR7:22739605	SSF x Near_LoA	-7,248	-0,075	0,287
CHR7	22746949	CHR7:22746949	SSF x Near_LoA	-5,174	-0,074	0,290
CHR7	22746951	CHR7:22746951	SSF x Near_LoA	-9,950	0,053	0,285
CHR7	22746974	CHR7:22746974	SSF x Near_LoA	-8,487	-0,031	0,272
CHR7	22747045	CHR7:22747045	SSF x Near_LoA	-8,324	-0,053	0,288
CHR7	22747054	CHR7:22747054	SSF x Near_LoA	-9,391	-0,005	0,287
CHR7	22747085	CHR7:22747085	SSF x Near_LoA	-5,669	0,205	0,280
CHR7	22747096	CHR7:22747096	SSF x Near_LoA	-8,202	0,061	0,294
CHR7	22747105	CHR7:22747105	SSF x Near_LoA	-7,867	-0,083	0,291
CHR7	22747109	CHR7:22747109	SSF x Near_LoA	-8,061	-0,113	0,281
CHR7	22747134	CHR7:22747134	SSF x Near_LoA	-9,290	-0,003	0,294
CHR7	22747137	CHR7:22747137	SSF x Near_LoA	-7,812	-0,037	0,291
CHR7	22748060	CHR7:22748060	SSF x Near_LoA	-8,678	-0,056	0,283
CHR7	22748063	CHR7:22748063	SSF x Near_LoA	-9,481	-0,102	0,284
CHR7	22753186	CHR7:22753186	SSF x Near_LoA	-9,158	0,005	0,293
CHR7	22753275	CHR7:22753275	SSF x Near_LoA	-7,163	-0,014	0,285
CHR7	22753291	CHR7:22753291	SSF x Near_LoA	-9,636	0,062	0,281
CHR7	2276131	CHR7:2276131	SSF x Near_LoA	-7,213	0,131	0,279
CHR7	2276132	CHR7:2276132	SSF x Near_LoA	-7,731	0,127	0,286
CHR7	2276148	CHR7:2276148	SSF x Near_LoA	-9,457	-0,109	0,295
CHR7	22761539	CHR7:22761539	SSF x Near_LoA	-7,518	0,139	0,282
CHR7	22761546	CHR7:22761546	SSF x Near_LoA	-10,611	0,039	0,281
CHR7	2276155	CHR7:2276155	SSF x Near_LoA	-8,324	0,110	0,269
CHR7	22761690	CHR7:22761690	SSF x Near_LoA	-2,014	-0,125	0,287
CHR7	2276283	CHR7:2276283	SSF x Near_LoA	-6,784	0,137	0,274
CHR7	22764126	CHR7:22764126	SSF x Near_LoA	-8,254	-0,019	0,298
CHR7	22764199	CHR7:22764199	SSF x Near_LoA	-8,747	0,016	0,294
CHR7	22764287	CHR7:22764287	SSF x Near_LoA	-6,981	-0,145	0,273
CHR7	22764339	CHR7:22764339	SSF x Near_LoA	-6,841	-0,116	0,270
CHR7	22771295	CHR7:22771295	SSF x Near_LoA	-8,212	-0,062	0,279
CHR7	22771353	CHR7:22771353	SSF x Near_LoA	-10,132	0,006	0,298
CHR7	22771387	CHR7:22771387	SSF x Near_LoA	-7,504	-0,101	0,300
CHR7	22771411	CHR7:22771411	SSF x Near_LoA	-5,575	-0,068	0,290
CHR7	22772411	CHR7:22772411	SSF x Near_LoA	-8,168	0,056	0,284
CHR7	22773902	CHR7:22773902	SSF x Near_LoA	-7,493	0,105	0,285
CHR7	22773908	CHR7:22773908	SSF x Near_LoA	-4,897	0,163	0,272
CHR7	22773916	CHR7:22773916	SSF x Near_LoA	-6,249	0,132	0,284
CHR7	22773940	CHR7:22773940	SSF x Near_LoA	-5,756	0,185	0,283
CHR7	22773941	CHR7:22773941	SSF x Near_LoA	-7,224	-0,057	0,281
CHR7	22773956	CHR7:22773956	SSF x Near_LoA	-1,510	-0,138	0,284
CHR7	22774115	CHR7:22774115	SSF x Near_LoA	-7,090	0,115	0,275
CHR7	22778729	CHR7:22778729	SSF x Near_LoA	-7,621	-0,062	0,280
CHR7	22778739	CHR7:22778739	SSF x Near_LoA	-7,716	-0,050	0,293
CHR7	22778792	CHR7:22778792	SSF x Near_LoA	-7,653	-0,021	0,286
CHR7	22778994	CHR7:22778994	SSF x Near_LoA	-7,089	0,040	0,285
CHR7	22779012	CHR7:22779012	SSF x Near_LoA	-5,824	-0,070	0,293
CHR7	22779021	CHR7:22779021	SSF x Near_LoA	-8,612	-0,032	0,267
CHR7	22779055	CHR7:22779055	SSF x Near_LoA	-9,087	0,110	0,277
CHR7	22779059	CHR7:22779059	SSF x Near_LoA	-9,724	0,105	0,282
CHR7	2277932	CHR7:2277932	SSF x Near_LoA	-8,158	-0,018	0,278
CHR7	2277946	CHR7:2277946	SSF x Near_LoA	-10,342	-0,013	0,280
CHR7	22785395	CHR7:22785395	SSF x Near_LoA	-7,262	0,005	0,291
CHR7	22785414	CHR7:22785414	SSF x Near_LoA	-8,282	-0,048	0,290

CHR7	22785418	CHR7:22785418	SSF x Near_LoA	-8,296	-0,043	0,300
CHR7	22785661	CHR7:22785661	SSF x Near_LoA	-4,903	-0,169	0,283
CHR7	22785686	CHR7:22785686	SSF x Near_LoA	-9,172	0,069	0,279
CHR7	22785718	CHR7:22785718	SSF x Near_LoA	-8,228	-0,015	0,265
CHR7	22809879	CHR7:22809879	SSF x Near_LoA	-9,393	0,032	0,280
CHR7	22810500	CHR7:22810500	SSF x Near_LoA	-10,105	-0,029	0,280
CHR7	22810551	CHR7:22810551	SSF x Near_LoA	-7,148	0,012	0,292
CHR7	22813973	CHR7:22813973	SSF x Near_LoA	-9,328	-0,011	0,301
CHR7	22820231	CHR7:22820231	SSF x Near_LoA	-9,377	0,009	0,295
CHR7	2282038	CHR7:2282038	SSF x Near_LoA	-7,345	-0,170	0,281
CHR7	22821844	CHR7:22821844	SSF x Near_LoA	-7,751	-0,033	0,291
CHR7	22828762	CHR7:22828762	SSF x Near_LoA	-8,613	-0,059	0,287
CHR7	22828875	CHR7:22828875	SSF x Near_LoA	-4,563	0,204	0,280
CHR7	22833981	CHR7:22833981	SSF x Near_LoA	-8,795	-0,047	0,280
CHR7	22834004	CHR7:22834004	SSF x Near_LoA	-9,691	0,007	0,289
CHR7	22834005	CHR7:22834005	SSF x Near_LoA	-10,062	0,013	0,290
CHR7	22834010	CHR7:22834010	SSF x Near_LoA	-10,721	0,003	0,278
CHR7	22834012	CHR7:22834012	SSF x Near_LoA	-9,564	-0,021	0,295
CHR7	22834014	CHR7:22834014	SSF x Near_LoA	-9,597	0,031	0,296
CHR7	22839547	CHR7:22839547	SSF x Near_LoA	-7,856	0,079	0,294
CHR7	22839557	CHR7:22839557	SSF x Near_LoA	-8,374	-0,055	0,294
CHR7	22839559	CHR7:22839559	SSF x Near_LoA	-7,555	-0,046	0,293
CHR7	22839581	CHR7:22839581	SSF x Near_LoA	-7,234	0,010	0,296
CHR7	22839709	CHR7:22839709	SSF x Near_LoA	-7,684	-0,036	0,303
CHR7	228485	CHR7:228485	SSF x Near_LoA	-9,041	0,028	0,297
CHR7	228564	CHR7:228564	SSF x Near_LoA	-9,750	-0,024	0,296
CHR7	228580	CHR7:228580	SSF x Near_LoA	-7,884	-0,023	0,292
CHR7	22871152	CHR7:22871152	SSF x Near_LoA	-10,305	-0,044	0,276
CHR7	22871340	CHR7:22871340	SSF x Near_LoA	-10,936	-0,014	0,293
CHR7	22871517	CHR7:22871517	SSF x Near_LoA	-7,307	0,065	0,299
CHR7	22883437	CHR7:22883437	SSF x Near_LoA	-9,548	-0,013	0,299
CHR7	22883500	CHR7:22883500	SSF x Near_LoA	-6,226	0,132	0,278
CHR7	22883559	CHR7:22883559	SSF x Near_LoA	-7,850	-0,052	0,293
CHR7	22883570	CHR7:22883570	SSF x Near_LoA	-6,309	0,121	0,292
CHR7	22908789	CHR7:22908789	SSF x Near_LoA	-9,700	0,000	0,267
CHR7	22917884	CHR7:22917884	SSF x Near_LoA	-4,576	0,197	0,260
CHR7	22917957	CHR7:22917957	SSF x Near_LoA	-6,372	-0,072	0,287
CHR7	22918000	CHR7:22918000	SSF x Near_LoA	-3,227	0,281	0,259
CHR7	2294577	CHR7:2294577	SSF x Near_LoA	-7,267	-0,131	0,289
CHR7	2294699	CHR7:2294699	SSF x Near_LoA	-9,472	-0,060	0,279
CHR7	22961618	CHR7:22961618	SSF x Near_LoA	-8,485	0,099	0,289
CHR7	22961654	CHR7:22961654	SSF x Near_LoA	-7,152	-0,057	0,281
CHR7	22961663	CHR7:22961663	SSF x Near_LoA	-6,880	-0,069	0,287
CHR7	22961684	CHR7:22961684	SSF x Near_LoA	-7,027	-0,109	0,283
CHR7	22961720	CHR7:22961720	SSF x Near_LoA	-7,201	-0,146	0,284
CHR7	22961747	CHR7:22961747	SSF x Near_LoA	0,801	-0,165	0,299
CHR7	22961750	CHR7:22961750	SSF x Near_LoA	-6,109	-0,170	0,277
CHR7	22961780	CHR7:22961780	SSF x Near_LoA	-6,301	-0,149	0,290
CHR7	22961816	CHR7:22961816	SSF x Near_LoA	-2,474	0,258	0,276
CHR7	22961834	CHR7:22961834	SSF x Near_LoA	-4,783	0,180	0,283
CHR7	22961873	CHR7:22961873	SSF x Near_LoA	-9,088	0,010	0,299
CHR7	22961948	CHR7:22961948	SSF x Near_LoA	-6,430	-0,130	0,278
CHR7	2297685	CHR7:2297685	SSF x Near_LoA	-8,772	0,120	0,280

CHR7	22980863	CHR7:22980863	SSF x Near_LoA	-11,370	0,061	0,277
CHR7	22981044	CHR7:22981044	SSF x Near_LoA	-9,173	0,060	0,288
CHR7	22985785	CHR7:22985785	SSF x Near_LoA	-9,006	0,092	0,267
CHR7	22985808	CHR7:22985808	SSF x Near_LoA	-1,981	-0,201	0,261
CHR7	22985835	CHR7:22985835	SSF x Near_LoA	-7,700	0,056	0,293
CHR7	22985866	CHR7:22985866	SSF x Near_LoA	-10,421	-0,020	0,290
CHR7	22987914	CHR7:22987914	SSF x Near_LoA	-9,439	0,042	0,286
CHR7	22987919	CHR7:22987919	SSF x Near_LoA	-10,708	-0,030	0,279
CHR7	23010340	CHR7:23010340	SSF x Near_LoA	-7,859	0,094	0,280
CHR7	23033505	CHR7:23033505	SSF x Near_LoA	-9,683	-0,028	0,285
CHR7	23033626	CHR7:23033626	SSF x Near_LoA	-7,512	-0,131	0,282
CHR7	23033669	CHR7:23033669	SSF x Near_LoA	-4,053	0,164	0,284
CHR7	23035961	CHR7:23035961	SSF x Near_LoA	-8,243	-0,043	0,275
CHR7	23036084	CHR7:23036084	SSF x Near_LoA	-7,435	0,019	0,289
CHR7	23036113	CHR7:23036113	SSF x Near_LoA	-7,141	0,042	0,289
CHR7	23036119	CHR7:23036119	SSF x Near_LoA	-9,092	-0,053	0,289
CHR7	23041110	CHR7:23041110	SSF x Near_LoA	-8,964	0,021	0,291
CHR7	23041129	CHR7:23041129	SSF x Near_LoA	-8,786	0,013	0,297
CHR7	23046712	CHR7:23046712	SSF x Near_LoA	-9,689	-0,045	0,283
CHR7	23046923	CHR7:23046923	SSF x Near_LoA	-10,046	0,004	0,306
CHR7	23046932	CHR7:23046932	SSF x Near_LoA	-9,875	-0,020	0,290
CHR7	2305821	CHR7:2305821	SSF x Near_LoA	-8,057	0,015	0,286
CHR7	2305824	CHR7:2305824	SSF x Near_LoA	-6,509	0,032	0,292
CHR7	2305835	CHR7:2305835	SSF x Near_LoA	-8,344	0,072	0,291
CHR7	23069767	CHR7:23069767	SSF x Near_LoA	-8,339	0,022	0,283
CHR7	23072251	CHR7:23072251	SSF x Near_LoA	-7,635	0,000	0,291
CHR7	23072290	CHR7:23072290	SSF x Near_LoA	-7,910	0,016	0,293
CHR7	23077481	CHR7:23077481	SSF x Near_LoA	-9,871	0,027	0,289
CHR7	23079796	CHR7:23079796	SSF x Near_LoA	-8,554	0,113	0,287
CHR7	23080009	CHR7:23080009	SSF x Near_LoA	-8,343	-0,064	0,297
CHR7	23088238	CHR7:23088238	SSF x Near_LoA	-10,062	-0,058	0,292
CHR7	23088243	CHR7:23088243	SSF x Near_LoA	0,007	-0,196	0,287
CHR7	23088343	CHR7:23088343	SSF x Near_LoA	-6,911	-0,052	0,297
CHR7	23088354	CHR7:23088354	SSF x Near_LoA	-5,770	-0,184	0,255
CHR7	23088473	CHR7:23088473	SSF x Near_LoA	-9,751	0,000	0,299
CHR7	23096112	CHR7:23096112	SSF x Near_LoA	-10,168	-0,069	0,283
CHR7	23098970	CHR7:23098970	SSF x Near_LoA	-5,731	0,038	0,298
CHR7	23099002	CHR7:23099002	SSF x Near_LoA	-8,342	0,016	0,274
CHR7	23099038	CHR7:23099038	SSF x Near_LoA	-7,927	-0,007	0,293
CHR7	23099067	CHR7:23099067	SSF x Near_LoA	-7,894	-0,015	0,282
CHR7	23115686	CHR7:23115686	SSF x Near_LoA	-9,374	-0,075	0,282
CHR7	23115773	CHR7:23115773	SSF x Near_LoA	-7,640	-0,018	0,282
CHR7	23125794	CHR7:23125794	SSF x Near_LoA	-9,214	-0,037	0,286
CHR7	23133392	CHR7:23133392	SSF x Near_LoA	-6,405	-0,188	0,282
CHR7	23133488	CHR7:23133488	SSF x Near_LoA	-8,745	-0,046	0,286
CHR7	23133568	CHR7:23133568	SSF x Near_LoA	-8,695	0,010	0,272
CHR7	23153460	CHR7:23153460	SSF x Near_LoA	-8,178	-0,072	0,283
CHR7	23153518	CHR7:23153518	SSF x Near_LoA	-5,883	-0,128	0,275
CHR7	23153644	CHR7:23153644	SSF x Near_LoA	-9,714	0,049	0,298
CHR7	23190365	CHR7:23190365	SSF x Near_LoA	-8,767	-0,125	0,279
CHR7	23190445	CHR7:23190445	SSF x Near_LoA	-6,700	-0,047	0,281
CHR7	23190478	CHR7:23190478	SSF x Near_LoA	-6,141	0,054	0,293
CHR7	23190480	CHR7:23190480	SSF x Near_LoA	-8,034	0,005	0,289

CHR7	2319426	CHR7:2319426	SSF x Near_LoA	-8,677	-0,098	0,283
CHR7	23202630	CHR7:23202630	SSF x Near_LoA	-4,766	0,188	0,285
CHR7	23202646	CHR7:23202646	SSF x Near_LoA	-5,353	0,165	0,292
CHR7	23202683	CHR7:23202683	SSF x Near_LoA	-4,337	0,181	0,280
CHR7	23202783	CHR7:23202783	SSF x Near_LoA	-9,211	0,014	0,288
CHR7	23202784	CHR7:23202784	SSF x Near_LoA	-7,853	-0,083	0,284
CHR7	23202837	CHR7:23202837	SSF x Near_LoA	-6,071	0,003	0,304
CHR7	23202847	CHR7:23202847	SSF x Near_LoA	-7,856	0,001	0,284
CHR7	23202853	CHR7:23202853	SSF x Near_LoA	-7,335	-0,060	0,293
CHR7	23202864	CHR7:23202864	SSF x Near_LoA	-7,274	0,189	0,273
CHR7	23202873	CHR7:23202873	SSF x Near_LoA	-8,953	0,013	0,288
CHR7	23204537	CHR7:23204537	SSF x Near_LoA	-6,507	0,154	0,263
CHR7	23204546	CHR7:23204546	SSF x Near_LoA	-7,817	-0,128	0,275
CHR7	23204547	CHR7:23204547	SSF x Near_LoA	-7,743	-0,128	0,271
CHR7	23204588	CHR7:23204588	SSF x Near_LoA	-7,599	0,062	0,262
CHR7	23205248	CHR7:23205248	SSF x Near_LoA	-9,377	-0,010	0,277
CHR7	23205251	CHR7:23205251	SSF x Near_LoA	-7,112	-0,017	0,293
CHR7	23205341	CHR7:23205341	SSF x Near_LoA	-7,892	0,172	0,274
CHR7	23205363	CHR7:23205363	SSF x Near_LoA	-7,120	0,013	0,286
CHR7	23205373	CHR7:23205373	SSF x Near_LoA	-7,328	0,013	0,297
CHR7	23212640	CHR7:23212640	SSF x Near_LoA	-6,523	-0,125	0,279
CHR7	23212664	CHR7:23212664	SSF x Near_LoA	-6,532	-0,043	0,284
CHR7	23212702	CHR7:23212702	SSF x Near_LoA	-5,359	-0,090	0,281
CHR7	23212822	CHR7:23212822	SSF x Near_LoA	-9,732	-0,008	0,278
CHR7	23212825	CHR7:23212825	SSF x Near_LoA	-3,218	0,114	0,280
CHR7	23212846	CHR7:23212846	SSF x Near_LoA	-9,246	-0,100	0,301
CHR7	23220625	CHR7:23220625	SSF x Near_LoA	-5,969	0,086	0,299
CHR7	23223712	CHR7:23223712	SSF x Near_LoA	-8,787	-0,032	0,277
CHR7	23236427	CHR7:23236427	SSF x Near_LoA	-7,618	-0,043	0,278
CHR7	23236440	CHR7:23236440	SSF x Near_LoA	-9,081	-0,016	0,295
CHR7	23238782	CHR7:23238782	SSF x Near_LoA	-8,219	0,120	0,287
CHR7	23238872	CHR7:23238872	SSF x Near_LoA	-3,483	0,193	0,287
CHR7	23238880	CHR7:23238880	SSF x Near_LoA	-5,630	-0,230	0,268
CHR7	23238891	CHR7:23238891	SSF x Near_LoA	-5,139	0,138	0,282
CHR7	23238896	CHR7:23238896	SSF x Near_LoA	-5,989	-0,077	0,297
CHR7	23238900	CHR7:23238900	SSF x Near_LoA	-8,590	0,022	0,295
CHR7	23238949	CHR7:23238949	SSF x Near_LoA	-6,558	-0,100	0,296
CHR7	23240092	CHR7:23240092	SSF x Near_LoA	-6,132	-0,187	0,284
CHR7	23255742	CHR7:23255742	SSF x Near_LoA	-9,718	-0,004	0,284
CHR7	23255950	CHR7:23255950	SSF x Near_LoA	-4,359	-0,067	0,277
CHR7	23260711	CHR7:23260711	SSF x Near_LoA	-8,427	-0,036	0,288
CHR7	23261051	CHR7:23261051	SSF x Near_LoA	-8,324	-0,004	0,280
CHR7	23265380	CHR7:23265380	SSF x Near_LoA	-7,802	-0,060	0,288
CHR7	23265398	CHR7:23265398	SSF x Near_LoA	-8,108	0,070	0,276
CHR7	23265434	CHR7:23265434	SSF x Near_LoA	-7,334	0,083	0,279
CHR7	23265436	CHR7:23265436	SSF x Near_LoA	-8,680	0,049	0,291
CHR7	23265469	CHR7:23265469	SSF x Near_LoA	-8,429	-0,079	0,283
CHR7	23265574	CHR7:23265574	SSF x Near_LoA	1,094	-0,201	0,292
CHR7	23265593	CHR7:23265593	SSF x Near_LoA	-9,441	-0,019	0,285
CHR7	2326643	CHR7:2326643	SSF x Near_LoA	-8,386	0,123	0,292
CHR7	2326657	CHR7:2326657	SSF x Near_LoA	-7,160	-0,018	0,292
CHR7	2326709	CHR7:2326709	SSF x Near_LoA	-7,243	-0,006	0,305
CHR7	2326803	CHR7:2326803	SSF x Near_LoA	-6,367	0,017	0,297

CHR7	23285479	CHR7:23285479	SSF x Near_LoA	-3,186	0,114	0,291
CHR7	23285596	CHR7:23285596	SSF x Near_LoA	-8,767	0,074	0,281
CHR7	23285670	CHR7:23285670	SSF x Near_LoA	-8,062	0,045	0,299
CHR7	23285677	CHR7:23285677	SSF x Near_LoA	-7,682	0,114	0,284
CHR7	23285688	CHR7:23285688	SSF x Near_LoA	-5,980	0,121	0,280
CHR7	23285689	CHR7:23285689	SSF x Near_LoA	-5,239	0,121	0,291
CHR7	23285735	CHR7:23285735	SSF x Near_LoA	-7,420	-0,166	0,280
CHR7	23293018	CHR7:23293018	SSF x Near_LoA	-6,959	0,007	0,277
CHR7	23293039	CHR7:23293039	SSF x Near_LoA	-9,262	0,075	0,296
CHR7	23293224	CHR7:23293224	SSF x Near_LoA	-7,513	0,067	0,278
CHR7	23293264	CHR7:23293264	SSF x Near_LoA	-9,961	0,121	0,288
CHR7	23293265	CHR7:23293265	SSF x Near_LoA	-7,305	0,070	0,282
CHR7	23304680	CHR7:23304680	SSF x Near_LoA	-2,798	-0,093	0,280
CHR7	23304740	CHR7:23304740	SSF x Near_LoA	0,224	0,143	0,283
CHR7	23316211	CHR7:23316211	SSF x Near_LoA	-8,211	-0,122	0,274
CHR7	23316219	CHR7:23316219	SSF x Near_LoA	-9,685	0,039	0,286
CHR7	23316222	CHR7:23316222	SSF x Near_LoA	-7,593	0,110	0,287
CHR7	23316240	CHR7:23316240	SSF x Near_LoA	-5,382	0,139	0,286
CHR7	23317939	CHR7:23317939	SSF x Near_LoA	-5,408	0,181	0,277
CHR7	23317999	CHR7:23317999	SSF x Near_LoA	-8,458	0,091	0,277
CHR7	23318169	CHR7:23318169	SSF x Near_LoA	-9,104	-0,059	0,286
CHR7	23329712	CHR7:23329712	SSF x Near_LoA	-8,179	0,099	0,283
CHR7	23329868	CHR7:23329868	SSF x Near_LoA	-9,178	-0,026	0,299
CHR7	2333299	CHR7:2333299	SSF x Near_LoA	-1,233	0,112	0,284
CHR7	2333385	CHR7:2333385	SSF x Near_LoA	-7,452	-0,131	0,288
CHR7	23344011	CHR7:23344011	SSF x Near_LoA	-7,749	0,052	0,281
CHR7	23346906	CHR7:23346906	SSF x Near_LoA	-8,880	-0,132	0,282
CHR7	23346921	CHR7:23346921	SSF x Near_LoA	-10,702	0,032	0,283
CHR7	23346986	CHR7:23346986	SSF x Near_LoA	-6,533	0,086	0,294
CHR7	23346988	CHR7:23346988	SSF x Near_LoA	-7,934	0,077	0,295
CHR7	23347083	CHR7:23347083	SSF x Near_LoA	-9,655	-0,021	0,288
CHR7	23354288	CHR7:23354288	SSF x Near_LoA	-9,795	0,082	0,285
CHR7	23354298	CHR7:23354298	SSF x Near_LoA	-9,096	-0,074	0,294
CHR7	23354306	CHR7:23354306	SSF x Near_LoA	-7,610	0,084	0,273
CHR7	23354313	CHR7:23354313	SSF x Near_LoA	-9,451	0,019	0,286
CHR7	23354344	CHR7:23354344	SSF x Near_LoA	-9,852	-0,156	0,275
CHR7	23354423	CHR7:23354423	SSF x Near_LoA	-6,561	-0,124	0,281
CHR7	23382502	CHR7:23382502	SSF x Near_LoA	-7,202	0,002	0,278
CHR7	23382570	CHR7:23382570	SSF x Near_LoA	-7,509	0,025	0,300
CHR7	23389800	CHR7:23389800	SSF x Near_LoA	-8,343	0,172	0,278
CHR7	23389968	CHR7:23389968	SSF x Near_LoA	-4,384	0,143	0,293
CHR7	23390019	CHR7:23390019	SSF x Near_LoA	-6,105	-0,111	0,294
CHR7	23400922	CHR7:23400922	SSF x Near_LoA	-9,198	-0,004	0,285
CHR7	23400930	CHR7:23400930	SSF x Near_LoA	2,418	-0,129	0,283
CHR7	23479700	CHR7:23479700	SSF x Near_LoA	-7,963	0,062	0,274
CHR7	23483882	CHR7:23483882	SSF x Near_LoA	-9,557	0,007	0,289
CHR7	23496045	CHR7:23496045	SSF x Near_LoA	-8,374	0,049	0,284
CHR7	23513213	CHR7:23513213	SSF x Near_LoA	-8,141	-0,071	0,270
CHR7	23519747	CHR7:23519747	SSF x Near_LoA	-7,838	0,053	0,283
CHR7	23519765	CHR7:23519765	SSF x Near_LoA	-7,942	-0,020	0,292
CHR7	23519770	CHR7:23519770	SSF x Near_LoA	-10,018	-0,006	0,284
CHR7	23519781	CHR7:23519781	SSF x Near_LoA	-7,468	0,036	0,282
CHR7	23519883	CHR7:23519883	SSF x Near_LoA	-9,942	-0,039	0,283

CHR7	23519913	CHR7:23519913	SSF x Near_LoA	-5,820	-0,148	0,282
CHR7	23537807	CHR7:23537807	SSF x Near_LoA	-5,639	-0,120	0,287
CHR7	23546377	CHR7:23546377	SSF x Near_LoA	-6,126	-0,165	0,282
CHR7	23569205	CHR7:23569205	SSF x Near_LoA	-8,900	0,107	0,280
CHR7	23591744	CHR7:23591744	SSF x Near_LoA	-8,654	-0,043	0,265
CHR7	2360921	CHR7:2360921	SSF x Near_LoA	-10,110	0,043	0,289
CHR7	2360984	CHR7:2360984	SSF x Near_LoA	-8,016	0,045	0,284
CHR7	23615942	CHR7:23615942	SSF x Near_LoA	-8,316	-0,140	0,279
CHR7	23615960	CHR7:23615960	SSF x Near_LoA	-8,109	-0,064	0,286
CHR7	23616140	CHR7:23616140	SSF x Near_LoA	-6,839	0,110	0,282
CHR7	23616168	CHR7:23616168	SSF x Near_LoA	4,716	-0,366	0,240
CHR7	23616198	CHR7:23616198	SSF x Near_LoA	-3,943	-0,039	0,276
CHR7	23621027	CHR7:23621027	SSF x Near_LoA	-8,021	-0,013	0,293
CHR7	23621078	CHR7:23621078	SSF x Near_LoA	-9,028	-0,046	0,286
CHR7	23621195	CHR7:23621195	SSF x Near_LoA	-7,921	-0,049	0,295
CHR7	23621246	CHR7:23621246	SSF x Near_LoA	-7,472	-0,053	0,277
CHR7	23621289	CHR7:23621289	SSF x Near_LoA	-8,223	-0,140	0,284
CHR7	23621364	CHR7:23621364	SSF x Near_LoA	-7,569	0,100	0,291
CHR7	23621396	CHR7:23621396	SSF x Near_LoA	-10,109	0,006	0,292
CHR7	23649296	CHR7:23649296	SSF x Near_LoA	-7,304	0,008	0,287
CHR7	23649336	CHR7:23649336	SSF x Near_LoA	-8,129	-0,122	0,284
CHR7	23649371	CHR7:23649371	SSF x Near_LoA	-8,635	-0,058	0,279
CHR7	23649398	CHR7:23649398	SSF x Near_LoA	-8,074	-0,010	0,292
CHR7	23653097	CHR7:23653097	SSF x Near_LoA	-8,732	-0,020	0,290
CHR7	23653100	CHR7:23653100	SSF x Near_LoA	-8,039	-0,031	0,282
CHR7	23653147	CHR7:23653147	SSF x Near_LoA	-7,878	-0,086	0,279
CHR7	23653309	CHR7:23653309	SSF x Near_LoA	-7,946	-0,016	0,293
CHR7	23671382	CHR7:23671382	SSF x Near_LoA	-9,779	0,105	0,288
CHR7	23671410	CHR7:23671410	SSF x Near_LoA	-8,173	0,046	0,294
CHR7	23671433	CHR7:23671433	SSF x Near_LoA	-10,039	0,088	0,294
CHR7	23671523	CHR7:23671523	SSF x Near_LoA	-0,938	0,230	0,261
CHR7	23671549	CHR7:23671549	SSF x Near_LoA	-8,339	0,043	0,293
CHR7	23671626	CHR7:23671626	SSF x Near_LoA	-2,250	0,022	0,293
CHR7	23681263	CHR7:23681263	SSF x Near_LoA	-9,221	-0,077	0,294
CHR7	23681307	CHR7:23681307	SSF x Near_LoA	-3,589	0,147	0,278
CHR7	23689347	CHR7:23689347	SSF x Near_LoA	-4,955	0,103	0,282
CHR7	23690266	CHR7:23690266	SSF x Near_LoA	-9,963	0,001	0,285
CHR7	23712915	CHR7:23712915	SSF x Near_LoA	-9,977	0,119	0,289
CHR7	23718937	CHR7:23718937	SSF x Near_LoA	-6,143	0,114	0,275
CHR7	2372552	CHR7:2372552	SSF x Near_LoA	-8,671	-0,021	0,289
CHR7	23730861	CHR7:23730861	SSF x Near_LoA	-7,346	0,107	0,282
CHR7	23730885	CHR7:23730885	SSF x Near_LoA	-10,707	0,048	0,279
CHR7	23730929	CHR7:23730929	SSF x Near_LoA	-9,895	-0,073	0,279
CHR7	23730953	CHR7:23730953	SSF x Near_LoA	-3,271	0,095	0,274
CHR7	23733715	CHR7:23733715	SSF x Near_LoA	-10,064	-0,002	0,284
CHR7	23733956	CHR7:23733956	SSF x Near_LoA	-8,178	0,154	0,298
CHR7	23733994	CHR7:23733994	SSF x Near_LoA	-4,660	-0,207	0,253
CHR7	23734037	CHR7:23734037	SSF x Near_LoA	-6,832	0,169	0,275
CHR7	23743456	CHR7:23743456	SSF x Near_LoA	-9,915	0,067	0,289
CHR7	23743489	CHR7:23743489	SSF x Near_LoA	-6,988	-0,037	0,292
CHR7	23743503	CHR7:23743503	SSF x Near_LoA	-7,761	-0,025	0,291
CHR7	23743545	CHR7:23743545	SSF x Near_LoA	-8,400	0,001	0,293
CHR7	23743645	CHR7:23743645	SSF x Near_LoA	-7,619	0,070	0,270

CHR7	23750013	CHR7:23750013	SSF x Near_LoA	-6,167	0,086	0,271
CHR7	23767923	CHR7:23767923	SSF x Near_LoA	-9,078	0,047	0,287
CHR7	23768004	CHR7:23768004	SSF x Near_LoA	-7,619	0,087	0,286
CHR7	23768141	CHR7:23768141	SSF x Near_LoA	-7,306	0,060	0,293
CHR7	23805538	CHR7:23805538	SSF x Near_LoA	-9,781	-0,022	0,298
CHR7	23805550	CHR7:23805550	SSF x Near_LoA	-9,355	-0,052	0,284
CHR7	23805844	CHR7:23805844	SSF x Near_LoA	-10,024	0,005	0,288
CHR7	23805932	CHR7:23805932	SSF x Near_LoA	-8,507	0,002	0,266
CHR7	23835774	CHR7:23835774	SSF x Near_LoA	-5,772	0,199	0,267
CHR7	23835779	CHR7:23835779	SSF x Near_LoA	-9,524	0,091	0,277
CHR7	23835795	CHR7:23835795	SSF x Near_LoA	-6,308	-0,014	0,292
CHR7	23835969	CHR7:23835969	SSF x Near_LoA	-8,798	-0,076	0,281
CHR7	23835974	CHR7:23835974	SSF x Near_LoA	-9,916	-0,054	0,292
CHR7	23835990	CHR7:23835990	SSF x Near_LoA	-9,601	-0,093	0,270
CHR7	23835998	CHR7:23835998	SSF x Near_LoA	-9,572	-0,065	0,289
CHR7	23835999	CHR7:23835999	SSF x Near_LoA	-9,095	-0,099	0,276
CHR7	23839037	CHR7:23839037	SSF x Near_LoA	-6,788	-0,018	0,285
CHR7	23839051	CHR7:23839051	SSF x Near_LoA	-9,970	0,040	0,278
CHR7	23839108	CHR7:23839108	SSF x Near_LoA	-9,725	0,027	0,281
CHR7	23841690	CHR7:23841690	SSF x Near_LoA	-5,591	0,193	0,273
CHR7	23841880	CHR7:23841880	SSF x Near_LoA	-4,715	0,195	0,288
CHR7	23841977	CHR7:23841977	SSF x Near_LoA	-7,079	-0,085	0,308
CHR7	23841990	CHR7:23841990	SSF x Near_LoA	-6,686	0,171	0,279
CHR7	23842022	CHR7:23842022	SSF x Near_LoA	-9,374	-0,007	0,299
CHR7	2384803	CHR7:2384803	SSF x Near_LoA	-2,711	0,043	0,289
CHR7	23849102	CHR7:23849102	SSF x Near_LoA	-9,429	0,056	0,295
CHR7	23849103	CHR7:23849103	SSF x Near_LoA	-8,370	0,042	0,293
CHR7	23849110	CHR7:23849110	SSF x Near_LoA	-8,135	-0,022	0,285
CHR7	23849259	CHR7:23849259	SSF x Near_LoA	-10,096	-0,033	0,286
CHR7	23849280	CHR7:23849280	SSF x Near_LoA	-9,664	-0,113	0,290
CHR7	23849286	CHR7:23849286	SSF x Near_LoA	-8,407	-0,002	0,278
CHR7	23879633	CHR7:23879633	SSF x Near_LoA	-6,473	-0,144	0,274
CHR7	23879638	CHR7:23879638	SSF x Near_LoA	-8,723	-0,016	0,278
CHR7	23879721	CHR7:23879721	SSF x Near_LoA	-9,675	-0,064	0,277
CHR7	23882450	CHR7:23882450	SSF x Near_LoA	-7,985	-0,147	0,286
CHR7	23882578	CHR7:23882578	SSF x Near_LoA	-7,346	-0,111	0,285
CHR7	23882651	CHR7:23882651	SSF x Near_LoA	-9,054	-0,152	0,280
CHR7	23885403	CHR7:23885403	SSF x Near_LoA	-10,390	0,023	0,286
CHR7	23891605	CHR7:23891605	SSF x Near_LoA	-7,875	-0,079	0,282
CHR7	23891655	CHR7:23891655	SSF x Near_LoA	-5,896	-0,128	0,289
CHR7	23891671	CHR7:23891671	SSF x Near_LoA	-7,616	-0,056	0,290
CHR7	23891945	CHR7:23891945	SSF x Near_LoA	-9,312	0,010	0,290
CHR7	23892060	CHR7:23892060	SSF x Near_LoA	-4,817	0,137	0,279
CHR7	23892066	CHR7:23892066	SSF x Near_LoA	-9,217	0,019	0,292
CHR7	23916343	CHR7:23916343	SSF x Near_LoA	-10,350	0,004	0,283
CHR7	23916406	CHR7:23916406	SSF x Near_LoA	-8,675	0,030	0,285
CHR7	23916417	CHR7:23916417	SSF x Near_LoA	-7,395	0,045	0,287
CHR7	23916418	CHR7:23916418	SSF x Near_LoA	-9,127	0,000	0,282
CHR7	23916515	CHR7:23916515	SSF x Near_LoA	-8,503	-0,121	0,279
CHR7	23916518	CHR7:23916518	SSF x Near_LoA	-6,234	-0,103	0,287
CHR7	23916542	CHR7:23916542	SSF x Near_LoA	-10,530	0,034	0,297
CHR7	23916675	CHR7:23916675	SSF x Near_LoA	-8,410	-0,018	0,274
CHR7	23921203	CHR7:23921203	SSF x Near_LoA	-10,328	0,076	0,295

CHR7	23921239	CHR7:23921239	SSF x Near_LoA	-7,407	0,047	0,297
CHR7	23921264	CHR7:23921264	SSF x Near_LoA	-7,993	0,028	0,279
CHR7	23921440	CHR7:23921440	SSF x Near_LoA	-8,589	-0,013	0,286
CHR7	23959959	CHR7:23959959	SSF x Near_LoA	-10,968	-0,058	0,274
CHR7	23960000	CHR7:23960000	SSF x Near_LoA	-8,612	0,045	0,282
CHR7	23960091	CHR7:23960091	SSF x Near_LoA	-6,962	0,111	0,288
CHR7	23960120	CHR7:23960120	SSF x Near_LoA	-8,796	0,016	0,282
CHR7	23960128	CHR7:23960128	SSF x Near_LoA	-8,779	0,006	0,291
CHR7	23960129	CHR7:23960129	SSF x Near_LoA	-8,539	-0,028	0,296
CHR7	23960130	CHR7:23960130	SSF x Near_LoA	-9,007	-0,018	0,285
CHR7	23960163	CHR7:23960163	SSF x Near_LoA	-5,617	-0,082	0,278
CHR7	23960164	CHR7:23960164	SSF x Near_LoA	-8,740	-0,075	0,297
CHR7	23986196	CHR7:23986196	SSF x Near_LoA	-6,526	-0,121	0,294
CHR7	23986247	CHR7:23986247	SSF x Near_LoA	-8,283	-0,022	0,279
CHR7	23994341	CHR7:23994341	SSF x Near_LoA	-8,853	-0,024	0,295
CHR7	23996716	CHR7:23996716	SSF x Near_LoA	-10,620	0,016	0,288
CHR7	23996736	CHR7:23996736	SSF x Near_LoA	-9,368	0,089	0,271
CHR7	23996750	CHR7:23996750	SSF x Near_LoA	-7,107	-0,044	0,286
CHR7	24034326	CHR7:24034326	SSF x Near_LoA	-6,608	-0,142	0,269
CHR7	24034440	CHR7:24034440	SSF x Near_LoA	-9,889	0,126	0,283
CHR7	24034482	CHR7:24034482	SSF x Near_LoA	-5,143	-0,140	0,275
CHR7	24034510	CHR7:24034510	SSF x Near_LoA	-7,267	0,051	0,283
CHR7	24034530	CHR7:24034530	SSF x Near_LoA	-7,675	0,013	0,295
CHR7	24046966	CHR7:24046966	SSF x Near_LoA	-8,970	-0,005	0,290
CHR7	24047086	CHR7:24047086	SSF x Near_LoA	-6,291	0,065	0,284
CHR7	24048619	CHR7:24048619	SSF x Near_LoA	-8,723	0,073	0,299
CHR7	24049827	CHR7:24049827	SSF x Near_LoA	-8,389	0,046	0,289
CHR7	24051420	CHR7:24051420	SSF x Near_LoA	-8,732	0,038	0,283
CHR7	24051468	CHR7:24051468	SSF x Near_LoA	-5,544	-0,187	0,285
CHR7	24051525	CHR7:24051525	SSF x Near_LoA	-8,729	0,123	0,268
CHR7	24065940	CHR7:24065940	SSF x Near_LoA	-8,594	-0,010	0,298
CHR7	24066520	CHR7:24066520	SSF x Near_LoA	-8,302	-0,047	0,292
CHR7	24066570	CHR7:24066570	SSF x Near_LoA	-9,880	0,118	0,287
CHR7	24066586	CHR7:24066586	SSF x Near_LoA	-7,636	-0,012	0,287
CHR7	24066596	CHR7:24066596	SSF x Near_LoA	-7,563	0,133	0,276
CHR7	24066637	CHR7:24066637	SSF x Near_LoA	-5,278	0,162	0,277
CHR7	24068990	CHR7:24068990	SSF x Near_LoA	-8,899	0,026	0,299
CHR7	24069062	CHR7:24069062	SSF x Near_LoA	-8,382	0,098	0,292
CHR7	24069074	CHR7:24069074	SSF x Near_LoA	-8,034	0,065	0,288
CHR7	24090549	CHR7:24090549	SSF x Near_LoA	-9,709	-0,001	0,305
CHR7	24090560	CHR7:24090560	SSF x Near_LoA	-8,349	-0,009	0,291
CHR7	24090631	CHR7:24090631	SSF x Near_LoA	-9,021	0,017	0,296
CHR7	24090642	CHR7:24090642	SSF x Near_LoA	-3,619	-0,072	0,293
CHR7	24090664	CHR7:24090664	SSF x Near_LoA	-6,136	-0,220	0,280
CHR7	24094803	CHR7:24094803	SSF x Near_LoA	-7,415	-0,122	0,290
CHR7	24099502	CHR7:24099502	SSF x Near_LoA	-7,992	0,081	0,275
CHR7	24099512	CHR7:24099512	SSF x Near_LoA	-8,743	-0,046	0,288
CHR7	24099513	CHR7:24099513	SSF x Near_LoA	-8,832	0,020	0,292
CHR7	24099848	CHR7:24099848	SSF x Near_LoA	-6,992	-0,070	0,287
CHR7	24110229	CHR7:24110229	SSF x Near_LoA	-10,182	-0,051	0,293
CHR7	24110292	CHR7:24110292	SSF x Near_LoA	0,152	0,225	0,273
CHR7	24110310	CHR7:24110310	SSF x Near_LoA	-3,944	0,225	0,270
CHR7	24115125	CHR7:24115125	SSF x Near_LoA	-5,681	0,184	0,271

CHR7	2411518	CHR7:2411518	SSF x Near_LoA	1,121	-0,129	0,293
CHR7	24115254	CHR7:24115254	SSF x Near_LoA	-6,753	0,094	0,274
CHR7	24115265	CHR7:24115265	SSF x Near_LoA	-10,187	-0,035	0,281
CHR7	24131418	CHR7:24131418	SSF x Near_LoA	-5,713	-0,055	0,292
CHR7	24134946	CHR7:24134946	SSF x Near_LoA	-7,259	0,105	0,281
CHR7	24135036	CHR7:24135036	SSF x Near_LoA	-7,733	0,030	0,292
CHR7	24138610	CHR7:24138610	SSF x Near_LoA	-7,083	-0,120	0,264
CHR7	24138635	CHR7:24138635	SSF x Near_LoA	-4,440	0,188	0,273
CHR7	24138705	CHR7:24138705	SSF x Near_LoA	-8,328	0,087	0,292
CHR7	24139389	CHR7:24139389	SSF x Near_LoA	-7,161	-0,082	0,283
CHR7	24139451	CHR7:24139451	SSF x Near_LoA	-8,708	-0,056	0,307
CHR7	24139453	CHR7:24139453	SSF x Near_LoA	-8,364	-0,032	0,289
CHR7	24169714	CHR7:24169714	SSF x Near_LoA	-6,338	0,068	0,267
CHR7	24178745	CHR7:24178745	SSF x Near_LoA	-6,716	0,159	0,294
CHR7	24178788	CHR7:24178788	SSF x Near_LoA	-9,602	0,032	0,280
CHR7	24178812	CHR7:24178812	SSF x Near_LoA	-9,747	-0,051	0,287
CHR7	2418232	CHR7:2418232	SSF x Near_LoA	-7,723	-0,006	0,285
CHR7	2418293	CHR7:2418293	SSF x Near_LoA	-6,995	-0,122	0,273
CHR7	2418889	CHR7:2418889	SSF x Near_LoA	-9,891	-0,034	0,287
CHR7	2419039	CHR7:2419039	SSF x Near_LoA	-9,814	-0,033	0,277
CHR7	2419049	CHR7:2419049	SSF x Near_LoA	-6,871	-0,062	0,295
CHR7	24196374	CHR7:24196374	SSF x Near_LoA	-8,954	-0,077	0,278
CHR7	24206901	CHR7:24206901	SSF x Near_LoA	-9,131	-0,036	0,300
CHR7	24213008	CHR7:24213008	SSF x Near_LoA	-8,030	0,020	0,301
CHR7	24213139	CHR7:24213139	SSF x Near_LoA	-7,048	0,128	0,280
CHR7	24213205	CHR7:24213205	SSF x Near_LoA	-8,914	0,102	0,281
CHR7	24245612	CHR7:24245612	SSF x Near_LoA	-7,363	-0,025	0,285
CHR7	24245677	CHR7:24245677	SSF x Near_LoA	-6,783	0,088	0,285
CHR7	24245693	CHR7:24245693	SSF x Near_LoA	-7,915	0,084	0,280
CHR7	24245718	CHR7:24245718	SSF x Near_LoA	-5,332	-0,134	0,285
CHR7	24258078	CHR7:24258078	SSF x Near_LoA	-9,775	0,022	0,290
CHR7	24258165	CHR7:24258165	SSF x Near_LoA	-8,508	0,005	0,272
CHR7	24258200	CHR7:24258200	SSF x Near_LoA	-6,463	-0,094	0,300
CHR7	24258306	CHR7:24258306	SSF x Near_LoA	-7,991	-0,071	0,280
CHR7	24258310	CHR7:24258310	SSF x Near_LoA	-8,299	-0,063	0,283
CHR7	24258322	CHR7:24258322	SSF x Near_LoA	-7,066	-0,080	0,276
CHR7	24278033	CHR7:24278033	SSF x Near_LoA	-6,360	0,098	0,290
CHR7	24279590	CHR7:24279590	SSF x Near_LoA	-8,636	-0,119	0,289
CHR7	24279698	CHR7:24279698	SSF x Near_LoA	3,266	-0,240	0,274
CHR7	24283639	CHR7:24283639	SSF x Near_LoA	-7,773	0,059	0,269
CHR7	24283649	CHR7:24283649	SSF x Near_LoA	-8,518	0,017	0,284
CHR7	24283819	CHR7:24283819	SSF x Near_LoA	-1,465	-0,191	0,267
CHR7	24283862	CHR7:24283862	SSF x Near_LoA	-4,368	-0,208	0,274
CHR7	24283933	CHR7:24283933	SSF x Near_LoA	-9,828	0,086	0,274
CHR7	24293079	CHR7:24293079	SSF x Near_LoA	-7,863	0,032	0,304
CHR7	24293210	CHR7:24293210	SSF x Near_LoA	-6,344	0,216	0,280
CHR7	24297249	CHR7:24297249	SSF x Near_LoA	-7,704	0,011	0,283
CHR7	24297273	CHR7:24297273	SSF x Near_LoA	-7,500	-0,009	0,290
CHR7	24297393	CHR7:24297393	SSF x Near_LoA	-6,581	-0,021	0,278
CHR7	24297553	CHR7:24297553	SSF x Near_LoA	-8,429	0,049	0,286
CHR7	24303353	CHR7:24303353	SSF x Near_LoA	-9,077	-0,029	0,281
CHR7	24303367	CHR7:24303367	SSF x Near_LoA	-8,850	-0,026	0,285
CHR7	24303413	CHR7:24303413	SSF x Near_LoA	-7,550	0,081	0,294

CHR7	24303451	CHR7:24303451	SSF x Near_LoA	-6,665	-0,138	0,284
CHR7	24303456	CHR7:24303456	SSF x Near_LoA	-7,863	-0,107	0,291
CHR7	24303468	CHR7:24303468	SSF x Near_LoA	-5,657	-0,140	0,284
CHR7	24303473	CHR7:24303473	SSF x Near_LoA	-9,474	0,085	0,295
CHR7	24303523	CHR7:24303523	SSF x Near_LoA	-3,429	-0,197	0,264
CHR7	24303594	CHR7:24303594	SSF x Near_LoA	-7,410	-0,113	0,273
CHR7	24306701	CHR7:24306701	SSF x Near_LoA	-7,160	0,033	0,301
CHR7	24306703	CHR7:24306703	SSF x Near_LoA	5,756	-0,319	0,263
CHR7	24306839	CHR7:24306839	SSF x Near_LoA	-9,397	0,033	0,285
CHR7	24306858	CHR7:24306858	SSF x Near_LoA	-5,230	-0,254	0,270
CHR7	24306889	CHR7:24306889	SSF x Near_LoA	-7,601	0,091	0,290
CHR7	24306890	CHR7:24306890	SSF x Near_LoA	-7,335	-0,119	0,292
CHR7	24306900	CHR7:24306900	SSF x Near_LoA	1,819	-0,245	0,261
CHR7	24306918	CHR7:24306918	SSF x Near_LoA	-9,405	0,081	0,298
CHR7	24306923	CHR7:24306923	SSF x Near_LoA	-10,333	0,039	0,286
CHR7	24306935	CHR7:24306935	SSF x Near_LoA	-8,501	0,040	0,291
CHR7	2431932	CHR7:2431932	SSF x Near_LoA	-8,418	-0,098	0,277
CHR7	24326486	CHR7:24326486	SSF x Near_LoA	-7,390	0,172	0,275
CHR7	24342744	CHR7:24342744	SSF x Near_LoA	-7,119	-0,064	0,289
CHR7	24342795	CHR7:24342795	SSF x Near_LoA	-5,836	-0,121	0,303
CHR7	24351081	CHR7:24351081	SSF x Near_LoA	-5,955	-0,215	0,265
CHR7	24351202	CHR7:24351202	SSF x Near_LoA	-9,445	0,089	0,295
CHR7	24356980	CHR7:24356980	SSF x Near_LoA	-7,205	-0,212	0,269
CHR7	24357211	CHR7:24357211	SSF x Near_LoA	0,778	0,232	0,268
CHR7	24360188	CHR7:24360188	SSF x Near_LoA	-10,347	0,001	0,278
CHR7	24360189	CHR7:24360189	SSF x Near_LoA	-6,468	0,115	0,275
CHR7	24360287	CHR7:24360287	SSF x Near_LoA	-9,695	-0,065	0,293
CHR7	24360288	CHR7:24360288	SSF x Near_LoA	-9,418	0,023	0,281
CHR7	24368062	CHR7:24368062	SSF x Near_LoA	-6,392	0,041	0,275
CHR7	24368086	CHR7:24368086	SSF x Near_LoA	-8,457	-0,015	0,292
CHR7	24368096	CHR7:24368096	SSF x Near_LoA	-9,846	-0,004	0,276
CHR7	24368151	CHR7:24368151	SSF x Near_LoA	-8,151	0,124	0,279
CHR7	24368152	CHR7:24368152	SSF x Near_LoA	-8,757	0,063	0,288
CHR7	24368167	CHR7:24368167	SSF x Near_LoA	-7,587	0,030	0,289
CHR7	24368177	CHR7:24368177	SSF x Near_LoA	-5,126	-0,179	0,270
CHR7	24368275	CHR7:24368275	SSF x Near_LoA	-8,899	0,078	0,296
CHR7	24368276	CHR7:24368276	SSF x Near_LoA	-7,907	-0,039	0,280
CHR7	24368306	CHR7:24368306	SSF x Near_LoA	-3,348	-0,178	0,290
CHR7	24370772	CHR7:24370772	SSF x Near_LoA	-8,833	-0,011	0,292
CHR7	24370844	CHR7:24370844	SSF x Near_LoA	-7,312	0,092	0,290
CHR7	24370878	CHR7:24370878	SSF x Near_LoA	-8,008	-0,037	0,277
CHR7	24384712	CHR7:24384712	SSF x Near_LoA	-10,659	0,025	0,283
CHR7	24386952	CHR7:24386952	SSF x Near_LoA	-9,126	-0,101	0,278
CHR7	24386961	CHR7:24386961	SSF x Near_LoA	-7,199	0,140	0,271
CHR7	24387096	CHR7:24387096	SSF x Near_LoA	-6,642	0,095	0,272
CHR7	24397226	CHR7:24397226	SSF x Near_LoA	-6,298	0,168	0,277
CHR7	2442202	CHR7:2442202	SSF x Near_LoA	-6,984	-0,119	0,273
CHR7	24452208	CHR7:24452208	SSF x Near_LoA	-8,380	0,115	0,294
CHR7	24452271	CHR7:24452271	SSF x Near_LoA	-8,018	0,043	0,265
CHR7	24452313	CHR7:24452313	SSF x Near_LoA	-8,167	-0,019	0,281
CHR7	24452314	CHR7:24452314	SSF x Near_LoA	-6,852	-0,032	0,291
CHR7	24452467	CHR7:24452467	SSF x Near_LoA	-7,935	-0,005	0,287
CHR7	24461980	CHR7:24461980	SSF x Near_LoA	-8,934	0,052	0,286

CHR7	24462000	CHR7:24462000	SSF x Near_LoA	-9,222	0,043	0,284
CHR7	24462008	CHR7:24462008	SSF x Near_LoA	-6,482	0,103	0,293
CHR7	24462078	CHR7:24462078	SSF x Near_LoA	-9,208	0,067	0,284
CHR7	24462107	CHR7:24462107	SSF x Near_LoA	-9,260	0,063	0,284
CHR7	24462128	CHR7:24462128	SSF x Near_LoA	-8,879	0,075	0,279
CHR7	24471302	CHR7:24471302	SSF x Near_LoA	-8,675	0,027	0,301
CHR7	24471333	CHR7:24471333	SSF x Near_LoA	-9,109	-0,052	0,296
CHR7	24471364	CHR7:24471364	SSF x Near_LoA	-7,493	0,038	0,284
CHR7	24471370	CHR7:24471370	SSF x Near_LoA	-9,793	-0,056	0,299
CHR7	24471373	CHR7:24471373	SSF x Near_LoA	-5,837	-0,006	0,287
CHR7	24496172	CHR7:24496172	SSF x Near_LoA	-7,430	0,052	0,294
CHR7	24496423	CHR7:24496423	SSF x Near_LoA	-8,019	0,076	0,304
CHR7	24496481	CHR7:24496481	SSF x Near_LoA	-9,219	-0,024	0,287
CHR7	24501866	CHR7:24501866	SSF x Near_LoA	-8,846	0,064	0,294
CHR7	24501869	CHR7:24501869	SSF x Near_LoA	-7,428	0,108	0,290
CHR7	24501901	CHR7:24501901	SSF x Near_LoA	-9,379	-0,025	0,289
CHR7	24501911	CHR7:24501911	SSF x Near_LoA	-9,524	0,042	0,301
CHR7	24502000	CHR7:24502000	SSF x Near_LoA	-7,827	0,007	0,285
CHR7	24502002	CHR7:24502002	SSF x Near_LoA	-6,273	0,053	0,280
CHR7	24502073	CHR7:24502073	SSF x Near_LoA	-8,376	-0,113	0,283
CHR7	24502078	CHR7:24502078	SSF x Near_LoA	-7,122	-0,081	0,290
CHR7	24502082	CHR7:24502082	SSF x Near_LoA	-4,884	-0,100	0,280
CHR7	24505244	CHR7:24505244	SSF x Near_LoA	-8,575	-0,034	0,289
CHR7	24505259	CHR7:24505259	SSF x Near_LoA	-7,657	0,077	0,281
CHR7	24505266	CHR7:24505266	SSF x Near_LoA	-8,536	-0,013	0,283
CHR7	24505269	CHR7:24505269	SSF x Near_LoA	-6,239	-0,027	0,282
CHR7	24505276	CHR7:24505276	SSF x Near_LoA	-8,055	-0,011	0,295
CHR7	24505360	CHR7:24505360	SSF x Near_LoA	-9,215	-0,130	0,270
CHR7	24505415	CHR7:24505415	SSF x Near_LoA	-6,810	-0,019	0,293
CHR7	24507338	CHR7:24507338	SSF x Near_LoA	-6,296	0,108	0,297
CHR7	24507541	CHR7:24507541	SSF x Near_LoA	-8,152	0,052	0,274
CHR7	24536248	CHR7:24536248	SSF x Near_LoA	-10,433	0,007	0,286
CHR7	24536271	CHR7:24536271	SSF x Near_LoA	-7,821	-0,086	0,291
CHR7	24560031	CHR7:24560031	SSF x Near_LoA	-8,667	0,129	0,288
CHR7	24560047	CHR7:24560047	SSF x Near_LoA	-7,330	-0,071	0,275
CHR7	24560187	CHR7:24560187	SSF x Near_LoA	-7,604	0,091	0,279
CHR7	24560190	CHR7:24560190	SSF x Near_LoA	-8,021	0,205	0,274
CHR7	24560199	CHR7:24560199	SSF x Near_LoA	-8,248	-0,084	0,296
CHR7	24560274	CHR7:24560274	SSF x Near_LoA	-7,373	-0,070	0,299
CHR7	24567383	CHR7:24567383	SSF x Near_LoA	-2,414	-0,236	0,271
CHR7	24567424	CHR7:24567424	SSF x Near_LoA	-5,046	-0,150	0,282
CHR7	24567594	CHR7:24567594	SSF x Near_LoA	-7,214	0,033	0,267
CHR7	24588453	CHR7:24588453	SSF x Near_LoA	-8,980	0,127	0,284
CHR7	24588467	CHR7:24588467	SSF x Near_LoA	-8,853	0,017	0,284
CHR7	24591403	CHR7:24591403	SSF x Near_LoA	-9,382	-0,070	0,287
CHR7	24591572	CHR7:24591572	SSF x Near_LoA	-9,955	0,047	0,282
CHR7	24591635	CHR7:24591635	SSF x Near_LoA	-8,474	-0,021	0,279
CHR7	24591651	CHR7:24591651	SSF x Near_LoA	-7,742	-0,019	0,279
CHR7	24591657	CHR7:24591657	SSF x Near_LoA	-9,065	0,005	0,282
CHR7	24595074	CHR7:24595074	SSF x Near_LoA	-7,548	-0,072	0,295
CHR7	24595113	CHR7:24595113	SSF x Near_LoA	-7,797	0,063	0,292
CHR7	24595182	CHR7:24595182	SSF x Near_LoA	-7,099	-0,157	0,287
CHR7	24601439	CHR7:24601439	SSF x Near_LoA	-7,714	-0,098	0,285

CHR7	24601451	CHR7:24601451	SSF x Near_LoA	-7,919	-0,045	0,300
CHR7	2460458	CHR7:2460458	SSF x Near_LoA	-7,309	-0,090	0,277
CHR7	2460463	CHR7:2460463	SSF x Near_LoA	-6,570	0,142	0,275
CHR7	2460553	CHR7:2460553	SSF x Near_LoA	-7,616	-0,009	0,299
CHR7	24619066	CHR7:24619066	SSF x Near_LoA	-7,161	0,021	0,296
CHR7	24620692	CHR7:24620692	SSF x Near_LoA	-7,768	0,104	0,281
CHR7	24620780	CHR7:24620780	SSF x Near_LoA	-5,645	0,117	0,276
CHR7	24632117	CHR7:24632117	SSF x Near_LoA	-9,771	0,045	0,280
CHR7	24632476	CHR7:24632476	SSF x Near_LoA	-10,213	0,030	0,289
CHR7	24632520	CHR7:24632520	SSF x Near_LoA	-10,100	0,007	0,289
CHR7	24632522	CHR7:24632522	SSF x Near_LoA	-9,192	-0,017	0,282
CHR7	24632535	CHR7:24632535	SSF x Near_LoA	-8,245	0,073	0,280
CHR7	24632553	CHR7:24632553	SSF x Near_LoA	-9,978	0,010	0,276
CHR7	24638479	CHR7:24638479	SSF x Near_LoA	-7,796	-0,057	0,289
CHR7	24644250	CHR7:24644250	SSF x Near_LoA	-3,870	-0,130	0,281
CHR7	24644461	CHR7:24644461	SSF x Near_LoA	-7,341	-0,041	0,297
CHR7	2466328	CHR7:2466328	SSF x Near_LoA	-6,281	0,057	0,300
CHR7	2466485	CHR7:2466485	SSF x Near_LoA	-7,928	-0,007	0,299
CHR7	24670645	CHR7:24670645	SSF x Near_LoA	-6,399	0,178	0,276
CHR7	24670881	CHR7:24670881	SSF x Near_LoA	-5,292	-0,159	0,282
CHR7	24670885	CHR7:24670885	SSF x Near_LoA	-5,236	-0,224	0,273
CHR7	24685278	CHR7:24685278	SSF x Near_LoA	-6,775	-0,149	0,292
CHR7	24685322	CHR7:24685322	SSF x Near_LoA	-8,914	-0,008	0,287
CHR7	24685543	CHR7:24685543	SSF x Near_LoA	-7,592	-0,061	0,285
CHR7	24685554	CHR7:24685554	SSF x Near_LoA	-9,802	0,057	0,300
CHR7	24689884	CHR7:24689884	SSF x Near_LoA	-7,114	-0,201	0,254
CHR7	24689913	CHR7:24689913	SSF x Near_LoA	-4,389	-0,052	0,293
CHR7	24689942	CHR7:24689942	SSF x Near_LoA	-7,456	-0,081	0,275
CHR7	24698358	CHR7:24698358	SSF x Near_LoA	-9,367	-0,005	0,302
CHR7	24698409	CHR7:24698409	SSF x Near_LoA	-8,170	0,047	0,292
CHR7	24698437	CHR7:24698437	SSF x Near_LoA	-8,037	0,078	0,279
CHR7	24708474	CHR7:24708474	SSF x Near_LoA	-8,609	-0,078	0,289
CHR7	24708494	CHR7:24708494	SSF x Near_LoA	-6,420	-0,018	0,282
CHR7	24708509	CHR7:24708509	SSF x Near_LoA	-7,687	-0,009	0,293
CHR7	2472217	CHR7:2472217	SSF x Near_LoA	-5,027	-0,214	0,276
CHR7	2472238	CHR7:2472238	SSF x Near_LoA	-6,378	0,142	0,278
CHR7	2472255	CHR7:2472255	SSF x Near_LoA	-7,934	-0,088	0,289
CHR7	2472406	CHR7:2472406	SSF x Near_LoA	-8,756	-0,140	0,289
CHR7	2472407	CHR7:2472407	SSF x Near_LoA	-8,782	-0,146	0,294
CHR7	24741551	CHR7:24741551	SSF x Near_LoA	-7,297	0,158	0,270
CHR7	24741554	CHR7:24741554	SSF x Near_LoA	-8,842	0,066	0,269
CHR7	24741606	CHR7:24741606	SSF x Near_LoA	-7,313	0,006	0,306
CHR7	24751566	CHR7:24751566	SSF x Near_LoA	-6,045	-0,110	0,295
CHR7	24751583	CHR7:24751583	SSF x Near_LoA	-6,303	0,054	0,289
CHR7	24751588	CHR7:24751588	SSF x Near_LoA	-7,868	0,031	0,291
CHR7	24759407	CHR7:24759407	SSF x Near_LoA	-10,003	-0,011	0,282
CHR7	24759505	CHR7:24759505	SSF x Near_LoA	-4,574	0,017	0,291
CHR7	24765952	CHR7:24765952	SSF x Near_LoA	-6,643	-0,159	0,282
CHR7	24766025	CHR7:24766025	SSF x Near_LoA	-6,592	0,082	0,271
CHR7	24766054	CHR7:24766054	SSF x Near_LoA	-8,029	-0,074	0,290
CHR7	24766168	CHR7:24766168	SSF x Near_LoA	-5,935	-0,157	0,284
CHR7	24785395	CHR7:24785395	SSF x Near_LoA	1,698	0,051	0,284
CHR7	24785399	CHR7:24785399	SSF x Near_LoA	-4,971	-0,012	0,275

CHR7	24785440	CHR7:24785440	SSF x Near_LoA	-8,903	-0,055	0,298
CHR7	24785613	CHR7:24785613	SSF x Near_LoA	-9,888	0,051	0,301
CHR7	24866524	CHR7:24866524	SSF x Near_LoA	-7,602	0,065	0,290
CHR7	24866676	CHR7:24866676	SSF x Near_LoA	-9,470	-0,030	0,299
CHR7	24866698	CHR7:24866698	SSF x Near_LoA	-6,297	-0,085	0,283
CHR7	24866701	CHR7:24866701	SSF x Near_LoA	-9,355	-0,068	0,274
CHR7	24866712	CHR7:24866712	SSF x Near_LoA	-5,248	-0,075	0,284
CHR7	24866718	CHR7:24866718	SSF x Near_LoA	-9,126	-0,070	0,297
CHR7	24873205	CHR7:24873205	SSF x Near_LoA	-5,207	-0,212	0,284
CHR7	24875070	CHR7:24875070	SSF x Near_LoA	-5,561	0,120	0,289
CHR7	24909672	CHR7:24909672	SSF x Near_LoA	-4,075	0,097	0,282
CHR7	24909772	CHR7:24909772	SSF x Near_LoA	-5,903	-0,129	0,258
CHR7	24911459	CHR7:24911459	SSF x Near_LoA	-1,327	-0,169	0,276
CHR7	24911474	CHR7:24911474	SSF x Near_LoA	-5,788	0,114	0,280
CHR7	24922450	CHR7:24922450	SSF x Near_LoA	-8,075	0,028	0,280
CHR7	24954246	CHR7:24954246	SSF x Near_LoA	-6,745	-0,028	0,302
CHR7	2495441	CHR7:2495441	SSF x Near_LoA	-8,848	0,139	0,284
CHR7	2495519	CHR7:2495519	SSF x Near_LoA	-7,019	0,084	0,294
CHR7	2497424	CHR7:2497424	SSF x Near_LoA	-8,307	0,016	0,260
CHR7	2497439	CHR7:2497439	SSF x Near_LoA	-6,488	0,020	0,274
CHR7	2497442	CHR7:2497442	SSF x Near_LoA	-4,149	0,018	0,269
CHR7	2497676	CHR7:2497676	SSF x Near_LoA	-9,946	-0,114	0,258
CHR7	2497765	CHR7:2497765	SSF x Near_LoA	-8,188	0,002	0,268
CHR7	2497777	CHR7:2497777	SSF x Near_LoA	-9,431	0,037	0,281
CHR7	25001399	CHR7:25001399	SSF x Near_LoA	-7,475	-0,021	0,294
CHR7	25004855	CHR7:25004855	SSF x Near_LoA	-3,690	0,188	0,276
CHR7	25014328	CHR7:25014328	SSF x Near_LoA	-8,155	-0,036	0,273
CHR7	25019179	CHR7:25019179	SSF x Near_LoA	-5,723	-0,141	0,285
CHR7	25021355	CHR7:25021355	SSF x Near_LoA	-7,807	0,022	0,286
CHR7	25021564	CHR7:25021564	SSF x Near_LoA	-6,200	-0,148	0,261
CHR7	25026748	CHR7:25026748	SSF x Near_LoA	-10,442	0,086	0,278
CHR7	25026889	CHR7:25026889	SSF x Near_LoA	-9,266	0,083	0,287
CHR7	25041980	CHR7:25041980	SSF x Near_LoA	-5,925	-0,011	0,298
CHR7	25042024	CHR7:25042024	SSF x Near_LoA	-8,305	-0,045	0,298
CHR7	25042053	CHR7:25042053	SSF x Near_LoA	-8,576	0,032	0,294
CHR7	25042271	CHR7:25042271	SSF x Near_LoA	-8,563	-0,088	0,277
CHR7	2506266	CHR7:2506266	SSF x Near_LoA	-8,717	-0,012	0,287
CHR7	2506297	CHR7:2506297	SSF x Near_LoA	-8,579	0,028	0,293
CHR7	2507258	CHR7:2507258	SSF x Near_LoA	-4,276	-0,211	0,265
CHR7	25093318	CHR7:25093318	SSF x Near_LoA	-6,717	-0,003	0,286
CHR7	25093321	CHR7:25093321	SSF x Near_LoA	-7,462	0,085	0,289
CHR7	25093322	CHR7:25093322	SSF x Near_LoA	-8,547	0,116	0,272
CHR7	25093342	CHR7:25093342	SSF x Near_LoA	-6,133	0,034	0,295
CHR7	25093377	CHR7:25093377	SSF x Near_LoA	-6,982	-0,105	0,266
CHR7	25093566	CHR7:25093566	SSF x Near_LoA	-6,348	0,004	0,283
CHR7	25103120	CHR7:25103120	SSF x Near_LoA	7,656	-0,185	0,287
CHR7	25107220	CHR7:25107220	SSF x Near_LoA	-5,034	0,042	0,284
CHR7	25107388	CHR7:25107388	SSF x Near_LoA	-10,897	-0,006	0,285
CHR7	25107448	CHR7:25107448	SSF x Near_LoA	-7,751	0,026	0,273
CHR7	25107450	CHR7:25107450	SSF x Near_LoA	-7,388	0,067	0,284
CHR7	25107562	CHR7:25107562	SSF x Near_LoA	-7,746	0,097	0,276
CHR7	25107567	CHR7:25107567	SSF x Near_LoA	-8,932	-0,035	0,288
CHR7	25107577	CHR7:25107577	SSF x Near_LoA	-8,321	-0,001	0,297

CHR7	25107612	CHR7:25107612	SSF x Near_LoA	-9,804	-0,019	0,277
CHR7	25107613	CHR7:25107613	SSF x Near_LoA	-10,498	-0,018	0,293
CHR7	25118503	CHR7:25118503	SSF x Near_LoA	-7,092	0,014	0,290
CHR7	25118598	CHR7:25118598	SSF x Near_LoA	-9,522	0,130	0,284
CHR7	25118617	CHR7:25118617	SSF x Near_LoA	-6,990	0,024	0,294
CHR7	25118810	CHR7:25118810	SSF x Near_LoA	-7,001	-0,017	0,300
CHR7	25123220	CHR7:25123220	SSF x Near_LoA	-9,651	0,054	0,286
CHR7	25123398	CHR7:25123398	SSF x Near_LoA	-9,620	-0,040	0,302
CHR7	25123420	CHR7:25123420	SSF x Near_LoA	-2,046	0,113	0,278
CHR7	25132934	CHR7:25132934	SSF x Near_LoA	-9,418	0,065	0,288
CHR7	25132988	CHR7:25132988	SSF x Near_LoA	-8,198	0,194	0,260
CHR7	25133030	CHR7:25133030	SSF x Near_LoA	-8,722	-0,146	0,267
CHR7	25133172	CHR7:25133172	SSF x Near_LoA	-8,545	-0,059	0,283
CHR7	25133342	CHR7:25133342	SSF x Near_LoA	-10,121	-0,005	0,269
CHR7	25139477	CHR7:25139477	SSF x Near_LoA	-4,858	0,198	0,268
CHR7	25139644	CHR7:25139644	SSF x Near_LoA	-7,987	-0,100	0,281
CHR7	25152208	CHR7:25152208	SSF x Near_LoA	-7,081	-0,058	0,299
CHR7	25152272	CHR7:25152272	SSF x Near_LoA	-9,230	-0,012	0,294
CHR7	25152497	CHR7:25152497	SSF x Near_LoA	-7,622	0,104	0,285
CHR7	25152507	CHR7:25152507	SSF x Near_LoA	-7,262	0,119	0,284
CHR7	2516044	CHR7:2516044	SSF x Near_LoA	-10,394	-0,006	0,281
CHR7	2516123	CHR7:2516123	SSF x Near_LoA	-4,490	0,106	0,278
CHR7	2516259	CHR7:2516259	SSF x Near_LoA	-10,349	-0,038	0,284
CHR7	2516352	CHR7:2516352	SSF x Near_LoA	-9,488	-0,038	0,297
CHR7	2516390	CHR7:2516390	SSF x Near_LoA	-7,816	0,130	0,277
CHR7	2516414	CHR7:2516414	SSF x Near_LoA	-7,261	0,053	0,279
CHR7	2516456	CHR7:2516456	SSF x Near_LoA	-8,068	0,012	0,299
CHR7	2516460	CHR7:2516460	SSF x Near_LoA	-8,345	-0,122	0,281
CHR7	2516517	CHR7:2516517	SSF x Near_LoA	-4,881	0,107	0,288
CHR7	25168162	CHR7:25168162	SSF x Near_LoA	-9,645	-0,014	0,288
CHR7	25168499	CHR7:25168499	SSF x Near_LoA	-11,092	0,046	0,284
CHR7	25168502	CHR7:25168502	SSF x Near_LoA	-10,181	0,004	0,303
CHR7	25183222	CHR7:25183222	SSF x Near_LoA	-6,958	-0,164	0,273
CHR7	25183583	CHR7:25183583	SSF x Near_LoA	-4,647	0,081	0,277
CHR7	25192474	CHR7:25192474	SSF x Near_LoA	-10,432	0,003	0,283
CHR7	25204318	CHR7:25204318	SSF x Near_LoA	-9,265	0,023	0,277
CHR7	25210498	CHR7:25210498	SSF x Near_LoA	-9,729	0,133	0,281
CHR7	25212938	CHR7:25212938	SSF x Near_LoA	-8,865	0,071	0,285
CHR7	25213080	CHR7:25213080	SSF x Near_LoA	-9,047	-0,031	0,272
CHR7	25213204	CHR7:25213204	SSF x Near_LoA	-7,743	-0,131	0,288
CHR7	25213276	CHR7:25213276	SSF x Near_LoA	-8,527	0,040	0,293
CHR7	25213314	CHR7:25213314	SSF x Near_LoA	-7,998	0,096	0,286
CHR7	25217314	CHR7:25217314	SSF x Near_LoA	-9,319	0,071	0,280
CHR7	25217334	CHR7:25217334	SSF x Near_LoA	-7,789	-0,018	0,290
CHR7	25217384	CHR7:25217384	SSF x Near_LoA	-6,130	0,006	0,287
CHR7	25217442	CHR7:25217442	SSF x Near_LoA	-9,137	-0,002	0,291
CHR7	25221971	CHR7:25221971	SSF x Near_LoA	-0,915	-0,027	0,289
CHR7	25222107	CHR7:25222107	SSF x Near_LoA	-9,287	0,050	0,283
CHR7	25228322	CHR7:25228322	SSF x Near_LoA	-7,170	0,033	0,280
CHR7	25228486	CHR7:25228486	SSF x Near_LoA	-7,064	0,027	0,297
CHR7	25228621	CHR7:25228621	SSF x Near_LoA	-8,826	0,089	0,281
CHR7	25230576	CHR7:25230576	SSF x Near_LoA	-7,603	-0,170	0,283
CHR7	25230686	CHR7:25230686	SSF x Near_LoA	-5,826	-0,124	0,280

CHR7	25230692	CHR7:25230692	SSF x Near_LoA	-7,738	-0,055	0,299
CHR7	25230815	CHR7:25230815	SSF x Near_LoA	-7,093	-0,125	0,273
CHR7	25230908	CHR7:25230908	SSF x Near_LoA	-7,014	0,105	0,278
CHR7	25230941	CHR7:25230941	SSF x Near_LoA	-7,130	-0,119	0,282
CHR7	25238358	CHR7:25238358	SSF x Near_LoA	-9,226	0,148	0,280
CHR7	25238420	CHR7:25238420	SSF x Near_LoA	-5,077	0,020	0,291
CHR7	25240566	CHR7:25240566	SSF x Near_LoA	-8,201	-0,019	0,300
CHR7	25240697	CHR7:25240697	SSF x Near_LoA	-10,098	-0,032	0,286
CHR7	25250299	CHR7:25250299	SSF x Near_LoA	-3,808	0,255	0,266
CHR7	25250396	CHR7:25250396	SSF x Near_LoA	-1,901	-0,202	0,280
CHR7	25260790	CHR7:25260790	SSF x Near_LoA	-6,888	0,056	0,295
CHR7	25262776	CHR7:25262776	SSF x Near_LoA	-0,904	0,212	0,256
CHR7	25282605	CHR7:25282605	SSF x Near_LoA	-8,586	-0,008	0,266
CHR7	25332219	CHR7:25332219	SSF x Near_LoA	-3,682	-0,215	0,279
CHR7	2534597	CHR7:2534597	SSF x Near_LoA	-7,807	-0,169	0,286
CHR7	2534733	CHR7:2534733	SSF x Near_LoA	-6,589	-0,085	0,287
CHR7	2535024	CHR7:2535024	SSF x Near_LoA	-8,608	0,191	0,267
CHR7	25371756	CHR7:25371756	SSF x Near_LoA	-9,246	0,014	0,286
CHR7	25392124	CHR7:25392124	SSF x Near_LoA	-5,475	-0,140	0,297
CHR7	25411566	CHR7:25411566	SSF x Near_LoA	-7,523	-0,156	0,274
CHR7	2588607	CHR7:2588607	SSF x Near_LoA	-7,342	0,073	0,298
CHR7	2603850	CHR7:2603850	SSF x Near_LoA	-9,620	-0,031	0,284
CHR7	2603863	CHR7:2603863	SSF x Near_LoA	-6,721	-0,164	0,273
CHR7	2604082	CHR7:2604082	SSF x Near_LoA	-3,495	0,232	0,265
CHR7	2625411	CHR7:2625411	SSF x Near_LoA	-7,857	0,019	0,281
CHR7	2625422	CHR7:2625422	SSF x Near_LoA	-6,903	-0,037	0,291
CHR7	2638070	CHR7:2638070	SSF x Near_LoA	-8,966	-0,079	0,295
CHR7	2638078	CHR7:2638078	SSF x Near_LoA	-9,961	-0,060	0,278
CHR7	2638325	CHR7:2638325	SSF x Near_LoA	-6,036	-0,011	0,297
CHR7	2638399	CHR7:2638399	SSF x Near_LoA	-8,452	-0,048	0,289
CHR7	266970	CHR7:266970	SSF x Near_LoA	-6,573	0,124	0,271
CHR7	266994	CHR7:266994	SSF x Near_LoA	-9,462	-0,060	0,286
CHR7	267003	CHR7:267003	SSF x Near_LoA	-9,968	0,000	0,280
CHR7	267050	CHR7:267050	SSF x Near_LoA	-3,999	0,178	0,277
CHR7	2700618	CHR7:2700618	SSF x Near_LoA	-6,003	0,144	0,272
CHR7	2728131	CHR7:2728131	SSF x Near_LoA	-9,974	0,037	0,312
CHR7	275854	CHR7:275854	SSF x Near_LoA	-5,475	0,137	0,272
CHR7	275922	CHR7:275922	SSF x Near_LoA	-8,826	-0,071	0,281
CHR7	2766378	CHR7:2766378	SSF x Near_LoA	-8,948	0,001	0,295
CHR7	2815202	CHR7:2815202	SSF x Near_LoA	-8,635	0,007	0,285
CHR7	2815228	CHR7:2815228	SSF x Near_LoA	-6,195	0,051	0,284
CHR7	2822928	CHR7:2822928	SSF x Near_LoA	-9,182	0,109	0,271
CHR7	2827751	CHR7:2827751	SSF x Near_LoA	-9,953	-0,036	0,289
CHR7	2827819	CHR7:2827819	SSF x Near_LoA	-4,630	-0,026	0,299
CHR7	2827862	CHR7:2827862	SSF x Near_LoA	-7,034	-0,050	0,290
CHR7	2832376	CHR7:2832376	SSF x Near_LoA	-8,749	0,034	0,276
CHR7	2832579	CHR7:2832579	SSF x Near_LoA	-9,695	0,057	0,269
CHR7	2835130	CHR7:2835130	SSF x Near_LoA	-6,745	0,194	0,274
CHR7	2845912	CHR7:2845912	SSF x Near_LoA	-10,837	-0,031	0,277
CHR7	2845959	CHR7:2845959	SSF x Near_LoA	-7,981	-0,092	0,287
CHR7	2845976	CHR7:2845976	SSF x Near_LoA	-9,055	-0,080	0,286
CHR7	2845993	CHR7:2845993	SSF x Near_LoA	-9,222	0,032	0,292
CHR7	2853865	CHR7:2853865	SSF x Near_LoA	-9,463	0,034	0,282

CHR7	2854050	CHR7:2854050	SSF x Near_LoA	-10,029	0,054	0,285
CHR7	2858503	CHR7:2858503	SSF x Near_LoA	-8,330	0,058	0,296
CHR7	2858567	CHR7:2858567	SSF x Near_LoA	-7,030	0,155	0,279
CHR7	2858628	CHR7:2858628	SSF x Near_LoA	-9,611	0,027	0,290
CHR7	2858656	CHR7:2858656	SSF x Near_LoA	-8,538	0,004	0,266
CHR7	2858666	CHR7:2858666	SSF x Near_LoA	-9,190	0,152	0,283
CHR7	2858700	CHR7:2858700	SSF x Near_LoA	-9,174	-0,080	0,284
CHR7	2862063	CHR7:2862063	SSF x Near_LoA	-7,519	0,109	0,300
CHR7	2862115	CHR7:2862115	SSF x Near_LoA	-3,816	0,221	0,288
CHR7	2862193	CHR7:2862193	SSF x Near_LoA	-8,929	0,021	0,285
CHR7	2862247	CHR7:2862247	SSF x Near_LoA	-10,301	0,035	0,279
CHR7	2862271	CHR7:2862271	SSF x Near_LoA	-7,813	0,037	0,286
CHR7	2862350	CHR7:2862350	SSF x Near_LoA	-7,471	-0,177	0,288
CHR7	2865001	CHR7:2865001	SSF x Near_LoA	-7,898	0,143	0,269
CHR7	2870755	CHR7:2870755	SSF x Near_LoA	-2,314	0,157	0,275
CHR7	2870874	CHR7:2870874	SSF x Near_LoA	-5,826	0,134	0,285
CHR7	2870906	CHR7:2870906	SSF x Near_LoA	-9,973	-0,087	0,272
CHR7	2870945	CHR7:2870945	SSF x Near_LoA	-6,482	-0,175	0,296
CHR7	2870949	CHR7:2870949	SSF x Near_LoA	-7,904	-0,122	0,282
CHR7	2870950	CHR7:2870950	SSF x Near_LoA	-0,772	-0,301	0,273
CHR7	2870956	CHR7:2870956	SSF x Near_LoA	-3,234	-0,126	0,288
CHR7	2870961	CHR7:2870961	SSF x Near_LoA	-7,013	0,225	0,261
CHR7	2870969	CHR7:2870969	SSF x Near_LoA	-6,448	-0,047	0,266
CHR7	2871041	CHR7:2871041	SSF x Near_LoA	-6,124	0,119	0,301
CHR7	2878476	CHR7:2878476	SSF x Near_LoA	-10,963	0,037	0,284
CHR7	2878559	CHR7:2878559	SSF x Near_LoA	-10,765	0,001	0,286
CHR7	2878620	CHR7:2878620	SSF x Near_LoA	-7,022	0,210	0,285
CHR7	2878711	CHR7:2878711	SSF x Near_LoA	-9,071	0,073	0,295
CHR7	2887932	CHR7:2887932	SSF x Near_LoA	-6,159	-0,003	0,286
CHR7	2887938	CHR7:2887938	SSF x Near_LoA	-8,418	-0,015	0,285
CHR7	2891472	CHR7:2891472	SSF x Near_LoA	-6,500	-0,143	0,271
CHR7	2891487	CHR7:2891487	SSF x Near_LoA	-7,567	-0,028	0,296
CHR7	2891584	CHR7:2891584	SSF x Near_LoA	-8,265	0,025	0,292
CHR7	2891666	CHR7:2891666	SSF x Near_LoA	-8,393	-0,054	0,277
CHR7	2897898	CHR7:2897898	SSF x Near_LoA	-6,209	-0,042	0,265
CHR7	2897906	CHR7:2897906	SSF x Near_LoA	-8,963	-0,039	0,279
CHR7	2897970	CHR7:2897970	SSF x Near_LoA	-5,842	0,113	0,296
CHR7	2916556	CHR7:2916556	SSF x Near_LoA	-5,337	0,148	0,285
CHR7	2916557	CHR7:2916557	SSF x Near_LoA	-3,950	-0,183	0,279
CHR7	2924261	CHR7:2924261	SSF x Near_LoA	-7,618	0,006	0,286
CHR7	2924293	CHR7:2924293	SSF x Near_LoA	-9,890	-0,019	0,282
CHR7	2924350	CHR7:2924350	SSF x Near_LoA	-5,861	0,004	0,300
CHR7	2924368	CHR7:2924368	SSF x Near_LoA	-7,489	0,010	0,291
CHR7	2924393	CHR7:2924393	SSF x Near_LoA	-9,097	0,070	0,297
CHR7	2924460	CHR7:2924460	SSF x Near_LoA	-7,304	0,072	0,290
CHR7	2930010	CHR7:2930010	SSF x Near_LoA	-8,067	-0,121	0,284
CHR7	2931531	CHR7:2931531	SSF x Near_LoA	-6,621	-0,074	0,313
CHR7	2931575	CHR7:2931575	SSF x Near_LoA	-9,983	-0,006	0,274
CHR7	2931587	CHR7:2931587	SSF x Near_LoA	-10,301	-0,060	0,303
CHR7	2931602	CHR7:2931602	SSF x Near_LoA	-6,793	-0,147	0,279
CHR7	2941300	CHR7:2941300	SSF x Near_LoA	-9,078	-0,010	0,271
CHR7	2967702	CHR7:2967702	SSF x Near_LoA	5,903	0,208	0,264
CHR7	2967875	CHR7:2967875	SSF x Near_LoA	-8,633	0,087	0,291

CHR7	298838	CHR7:298838	SSF x Near_LoA	-6,836	0,147	0,274
CHR7	300826	CHR7:300826	SSF x Near_LoA	-8,481	0,061	0,293
CHR7	301387	CHR7:301387	SSF x Near_LoA	-9,484	-0,093	0,285
CHR7	3037038	CHR7:3037038	SSF x Near_LoA	-7,259	0,150	0,284
CHR7	3041276	CHR7:3041276	SSF x Near_LoA	-6,714	0,047	0,289
CHR7	3044821	CHR7:3044821	SSF x Near_LoA	-6,908	-0,067	0,294
CHR7	3044883	CHR7:3044883	SSF x Near_LoA	-5,851	0,021	0,286
CHR7	3054520	CHR7:3054520	SSF x Near_LoA	-8,056	0,043	0,290
CHR7	3054670	CHR7:3054670	SSF x Near_LoA	-8,027	-0,131	0,279
CHR7	3061201	CHR7:3061201	SSF x Near_LoA	-6,956	0,063	0,291
CHR7	3067201	CHR7:3067201	SSF x Near_LoA	-5,810	-0,197	0,274
CHR7	3067207	CHR7:3067207	SSF x Near_LoA	-7,112	-0,179	0,284
CHR7	3067221	CHR7:3067221	SSF x Near_LoA	-7,697	0,128	0,286
CHR7	3067227	CHR7:3067227	SSF x Near_LoA	-9,068	0,091	0,285
CHR7	3074509	CHR7:3074509	SSF x Near_LoA	-9,089	-0,022	0,274
CHR7	3074512	CHR7:3074512	SSF x Near_LoA	-4,962	-0,156	0,290
CHR7	3074521	CHR7:3074521	SSF x Near_LoA	-9,970	-0,030	0,286
CHR7	3074523	CHR7:3074523	SSF x Near_LoA	-6,300	-0,142	0,293
CHR7	3074545	CHR7:3074545	SSF x Near_LoA	-7,900	-0,024	0,279
CHR7	3074551	CHR7:3074551	SSF x Near_LoA	-5,328	-0,129	0,289
CHR7	3074574	CHR7:3074574	SSF x Near_LoA	-8,750	-0,009	0,286
CHR7	3074595	CHR7:3074595	SSF x Near_LoA	-8,639	-0,041	0,274
CHR7	3074600	CHR7:3074600	SSF x Near_LoA	-11,226	-0,005	0,284
CHR7	3074620	CHR7:3074620	SSF x Near_LoA	-9,855	-0,029	0,274
CHR7	3074673	CHR7:3074673	SSF x Near_LoA	-10,646	0,043	0,295
CHR7	3074753	CHR7:3074753	SSF x Near_LoA	-9,794	-0,064	0,291
CHR7	3074782	CHR7:3074782	SSF x Near_LoA	-8,849	-0,086	0,295
CHR7	3074795	CHR7:3074795	SSF x Near_LoA	-9,583	-0,021	0,280
CHR7	3074825	CHR7:3074825	SSF x Near_LoA	-9,055	-0,082	0,291
CHR7	3074867	CHR7:3074867	SSF x Near_LoA	-9,722	-0,069	0,279
CHR7	3081167	CHR7:3081167	SSF x Near_LoA	-7,166	0,003	0,286
CHR7	3105263	CHR7:3105263	SSF x Near_LoA	-8,957	-0,062	0,266
CHR7	3105277	CHR7:3105277	SSF x Near_LoA	-9,632	-0,050	0,286
CHR7	3105279	CHR7:3105279	SSF x Near_LoA	-7,121	-0,142	0,287
CHR7	3105331	CHR7:3105331	SSF x Near_LoA	-8,547	0,046	0,286
CHR7	3105335	CHR7:3105335	SSF x Near_LoA	-10,327	-0,062	0,275
CHR7	3147859	CHR7:3147859	SSF x Near_LoA	-2,190	0,108	0,288
CHR7	3148687	CHR7:3148687	SSF x Near_LoA	-8,420	0,129	0,275
CHR7	3148692	CHR7:3148692	SSF x Near_LoA	-8,169	0,119	0,281
CHR7	3154725	CHR7:3154725	SSF x Near_LoA	-8,287	-0,042	0,280
CHR7	3154828	CHR7:3154828	SSF x Near_LoA	-8,457	0,098	0,285
CHR7	3162252	CHR7:3162252	SSF x Near_LoA	-8,683	0,144	0,292
CHR7	3180157	CHR7:3180157	SSF x Near_LoA	-8,893	0,071	0,278
CHR7	3180171	CHR7:3180171	SSF x Near_LoA	-7,730	0,075	0,277
CHR7	3180378	CHR7:3180378	SSF x Near_LoA	-5,304	-0,142	0,279
CHR7	3180429	CHR7:3180429	SSF x Near_LoA	7,602	-0,306	0,264
CHR7	3180482	CHR7:3180482	SSF x Near_LoA	11,372	0,137	0,277
CHR7	3199864	CHR7:3199864	SSF x Near_LoA	-9,152	0,057	0,295
CHR7	3199933	CHR7:3199933	SSF x Near_LoA	-8,739	0,053	0,292
CHR7	3209732	CHR7:3209732	SSF x Near_LoA	-8,562	-0,087	0,303
CHR7	3236386	CHR7:3236386	SSF x Near_LoA	-7,059	0,073	0,297
CHR7	3236419	CHR7:3236419	SSF x Near_LoA	-7,049	0,046	0,298
CHR7	3267683	CHR7:3267683	SSF x Near_LoA	-9,121	-0,047	0,292

CHR7	3287179	CHR7:3287179	SSF x Near_LoA	4,362	-0,096	0,279
CHR7	3300600	CHR7:3300600	SSF x Near_LoA	-9,557	0,001	0,283
CHR7	3317069	CHR7:3317069	SSF x Near_LoA	-3,595	-0,021	0,285
CHR7	3317082	CHR7:3317082	SSF x Near_LoA	-6,996	0,128	0,289
CHR7	3317085	CHR7:3317085	SSF x Near_LoA	-9,404	0,132	0,283
CHR7	3378529	CHR7:3378529	SSF x Near_LoA	-7,656	0,043	0,275
CHR7	3397917	CHR7:3397917	SSF x Near_LoA	-10,589	-0,070	0,287
CHR7	3398091	CHR7:3398091	SSF x Near_LoA	-8,995	-0,103	0,293
CHR7	341430	CHR7:341430	SSF x Near_LoA	-7,991	0,053	0,300
CHR7	3433284	CHR7:3433284	SSF x Near_LoA	-5,468	0,132	0,267
CHR7	3469567	CHR7:3469567	SSF x Near_LoA	-8,283	-0,019	0,278
CHR7	3522401	CHR7:3522401	SSF x Near_LoA	-9,837	-0,030	0,299
CHR7	3522405	CHR7:3522405	SSF x Near_LoA	-8,003	-0,105	0,282
CHR7	3522411	CHR7:3522411	SSF x Near_LoA	-5,000	-0,154	0,273
CHR7	3522416	CHR7:3522416	SSF x Near_LoA	-10,102	-0,036	0,277
CHR7	3522442	CHR7:3522442	SSF x Near_LoA	-5,965	-0,184	0,275
CHR7	3522450	CHR7:3522450	SSF x Near_LoA	-5,319	-0,167	0,272
CHR7	3522456	CHR7:3522456	SSF x Near_LoA	-6,402	-0,156	0,283
CHR7	3522479	CHR7:3522479	SSF x Near_LoA	-5,164	-0,165	0,276
CHR7	3526218	CHR7:3526218	SSF x Near_LoA	-8,078	-0,016	0,287
CHR7	3526226	CHR7:3526226	SSF x Near_LoA	-6,361	0,094	0,305
CHR7	3529230	CHR7:3529230	SSF x Near_LoA	-3,740	0,125	0,293
CHR7	3532929	CHR7:3532929	SSF x Near_LoA	-8,657	0,040	0,283
CHR7	3533113	CHR7:3533113	SSF x Near_LoA	-7,452	0,146	0,280
CHR7	3534170	CHR7:3534170	SSF x Near_LoA	-7,398	-0,092	0,284
CHR7	3559161	CHR7:3559161	SSF x Near_LoA	-5,332	-0,045	0,298
CHR7	3580526	CHR7:3580526	SSF x Near_LoA	-7,375	-0,059	0,289
CHR7	3588156	CHR7:3588156	SSF x Near_LoA	-4,820	-0,225	0,286
CHR7	3642935	CHR7:3642935	SSF x Near_LoA	4,443	-0,143	0,275
CHR7	3643086	CHR7:3643086	SSF x Near_LoA	-8,221	0,026	0,292
CHR7	3644966	CHR7:3644966	SSF x Near_LoA	-7,697	0,111	0,290
CHR7	3646302	CHR7:3646302	SSF x Near_LoA	-5,763	0,155	0,283
CHR7	3648276	CHR7:3648276	SSF x Near_LoA	-6,440	0,208	0,270
CHR7	3648353	CHR7:3648353	SSF x Near_LoA	-5,367	0,114	0,288
CHR7	3648398	CHR7:3648398	SSF x Near_LoA	-8,767	-0,064	0,285
CHR7	3671268	CHR7:3671268	SSF x Near_LoA	-6,994	-0,015	0,285
CHR7	3678725	CHR7:3678725	SSF x Near_LoA	-7,125	0,000	0,281
CHR7	3678915	CHR7:3678915	SSF x Near_LoA	-9,214	-0,008	0,294
CHR7	3685172	CHR7:3685172	SSF x Near_LoA	-6,483	-0,050	0,277
CHR7	3685353	CHR7:3685353	SSF x Near_LoA	-0,303	-0,152	0,279
CHR7	3691903	CHR7:3691903	SSF x Near_LoA	-7,681	0,020	0,280
CHR7	3691906	CHR7:3691906	SSF x Near_LoA	-6,734	-0,160	0,264
CHR7	3691980	CHR7:3691980	SSF x Near_LoA	-8,099	0,030	0,275
CHR7	3692160	CHR7:3692160	SSF x Near_LoA	-6,785	-0,116	0,287
CHR7	3692163	CHR7:3692163	SSF x Near_LoA	-5,623	-0,241	0,268
CHR7	3697124	CHR7:3697124	SSF x Near_LoA	-10,385	0,044	0,290
CHR7	3697127	CHR7:3697127	SSF x Near_LoA	-8,962	0,051	0,295
CHR7	3697421	CHR7:3697421	SSF x Near_LoA	-8,321	0,115	0,272
CHR7	3727601	CHR7:3727601	SSF x Near_LoA	-8,149	-0,010	0,294
CHR7	3739586	CHR7:3739586	SSF x Near_LoA	-6,327	0,090	0,289
CHR7	3739601	CHR7:3739601	SSF x Near_LoA	-8,508	-0,051	0,278
CHR7	3739769	CHR7:3739769	SSF x Near_LoA	-6,658	0,102	0,282
CHR7	3772304	CHR7:3772304	SSF x Near_LoA	-9,096	0,087	0,275

CHR7	383756	CHR7:383756	SSF x Near_LoA	-10,404	-0,035	0,276
CHR7	383918	CHR7:383918	SSF x Near_LoA	-8,591	-0,082	0,280
CHR7	383943	CHR7:383943	SSF x Near_LoA	-1,229	-0,225	0,270
CHR7	383997	CHR7:383997	SSF x Near_LoA	-8,236	0,070	0,284
CHR7	384172	CHR7:384172	SSF x Near_LoA	-4,105	-0,235	0,283
CHR7	384232	CHR7:384232	SSF x Near_LoA	-6,552	-0,077	0,302
CHR7	3846513	CHR7:3846513	SSF x Near_LoA	-9,307	-0,036	0,301
CHR7	3870239	CHR7:3870239	SSF x Near_LoA	-9,958	-0,030	0,288
CHR7	3870294	CHR7:3870294	SSF x Near_LoA	-7,725	0,148	0,277
CHR7	3901485	CHR7:3901485	SSF x Near_LoA	-9,084	-0,005	0,274
CHR7	3901495	CHR7:3901495	SSF x Near_LoA	-7,599	-0,051	0,286
CHR7	3907252	CHR7:3907252	SSF x Near_LoA	-8,213	-0,010	0,286
CHR7	3907319	CHR7:3907319	SSF x Near_LoA	-9,590	0,123	0,282
CHR7	3931053	CHR7:3931053	SSF x Near_LoA	-8,143	-0,056	0,297
CHR7	3931286	CHR7:3931286	SSF x Near_LoA	-4,034	-0,178	0,285
CHR7	3931336	CHR7:3931336	SSF x Near_LoA	7,126	-0,132	0,276
CHR7	3931338	CHR7:3931338	SSF x Near_LoA	-5,748	-0,125	0,283
CHR7	3931476	CHR7:3931476	SSF x Near_LoA	-8,138	-0,056	0,291
CHR7	3931480	CHR7:3931480	SSF x Near_LoA	-7,903	0,080	0,280
CHR7	3939137	CHR7:3939137	SSF x Near_LoA	-8,607	-0,132	0,286
CHR7	3939147	CHR7:3939147	SSF x Near_LoA	-8,823	-0,018	0,286
CHR7	3939276	CHR7:3939276	SSF x Near_LoA	-6,684	-0,068	0,297
CHR7	3939403	CHR7:3939403	SSF x Near_LoA	-11,178	0,007	0,278
CHR7	3949923	CHR7:3949923	SSF x Near_LoA	-10,475	-0,032	0,293
CHR7	3949951	CHR7:3949951	SSF x Near_LoA	-0,693	0,153	0,291
CHR7	3949992	CHR7:3949992	SSF x Near_LoA	-7,375	0,007	0,280
CHR7	3950006	CHR7:3950006	SSF x Near_LoA	-8,089	0,124	0,282
CHR7	3950052	CHR7:3950052	SSF x Near_LoA	-9,314	0,042	0,306
CHR7	3953733	CHR7:3953733	SSF x Near_LoA	-8,564	-0,085	0,284
CHR7	3977219	CHR7:3977219	SSF x Near_LoA	-2,687	-0,212	0,287
CHR7	3977230	CHR7:3977230	SSF x Near_LoA	-8,966	0,017	0,283
CHR7	3977396	CHR7:3977396	SSF x Near_LoA	-5,830	0,069	0,282
CHR7	3977418	CHR7:3977418	SSF x Near_LoA	-7,436	-0,031	0,283
CHR7	3980717	CHR7:3980717	SSF x Near_LoA	-6,649	0,060	0,302
CHR7	3980747	CHR7:3980747	SSF x Near_LoA	-7,334	-0,013	0,273
CHR7	3980792	CHR7:3980792	SSF x Near_LoA	-9,726	-0,113	0,291
CHR7	4049730	CHR7:4049730	SSF x Near_LoA	-6,914	0,109	0,272
CHR7	4049879	CHR7:4049879	SSF x Near_LoA	0,968	-0,188	0,292
CHR7	4049942	CHR7:4049942	SSF x Near_LoA	-7,544	0,160	0,280
CHR7	4050118	CHR7:4050118	SSF x Near_LoA	-9,128	0,047	0,289
CHR7	4050122	CHR7:4050122	SSF x Near_LoA	-2,917	-0,013	0,295
CHR7	4050157	CHR7:4050157	SSF x Near_LoA	-9,143	-0,016	0,287
CHR7	4060583	CHR7:4060583	SSF x Near_LoA	-8,236	-0,007	0,296
CHR7	4062216	CHR7:4062216	SSF x Near_LoA	-9,602	-0,015	0,287
CHR7	406823	CHR7:406823	SSF x Near_LoA	-8,032	0,045	0,288
CHR7	406876	CHR7:406876	SSF x Near_LoA	-7,744	0,038	0,289
CHR7	4079150	CHR7:4079150	SSF x Near_LoA	-9,417	-0,095	0,287
CHR7	4082476	CHR7:4082476	SSF x Near_LoA	-7,553	-0,106	0,280
CHR7	4094999	CHR7:4094999	SSF x Near_LoA	-7,067	-0,038	0,296
CHR7	4095063	CHR7:4095063	SSF x Near_LoA	-4,682	0,197	0,283
CHR7	4095145	CHR7:4095145	SSF x Near_LoA	-8,597	-0,094	0,282
CHR7	4095175	CHR7:4095175	SSF x Near_LoA	-8,822	0,085	0,292
CHR7	4095179	CHR7:4095179	SSF x Near_LoA	-7,056	0,032	0,298

CHR7	4096807	CHR7:4096807	SSF x Near_LoA	-7,956	-0,099	0,281
CHR7	4096930	CHR7:4096930	SSF x Near_LoA	-2,573	-0,168	0,281
CHR7	4096987	CHR7:4096987	SSF x Near_LoA	-8,253	0,060	0,284
CHR7	4097012	CHR7:4097012	SSF x Near_LoA	-7,069	-0,002	0,295
CHR7	4097015	CHR7:4097015	SSF x Near_LoA	-9,682	-0,017	0,281
CHR7	4116708	CHR7:4116708	SSF x Near_LoA	-4,120	0,042	0,290
CHR7	4116837	CHR7:4116837	SSF x Near_LoA	-7,339	0,074	0,288
CHR7	4116929	CHR7:4116929	SSF x Near_LoA	-9,174	0,055	0,290
CHR7	4129757	CHR7:4129757	SSF x Near_LoA	-10,628	0,035	0,287
CHR7	4129939	CHR7:4129939	SSF x Near_LoA	-3,064	0,152	0,282
CHR7	4135751	CHR7:4135751	SSF x Near_LoA	-7,236	-0,035	0,275
CHR7	4135966	CHR7:4135966	SSF x Near_LoA	-3,892	-0,252	0,263
CHR7	4153695	CHR7:4153695	SSF x Near_LoA	-8,017	0,030	0,279
CHR7	4153819	CHR7:4153819	SSF x Near_LoA	-7,900	0,067	0,283
CHR7	4153982	CHR7:4153982	SSF x Near_LoA	-3,638	-0,162	0,276
CHR7	4154088	CHR7:4154088	SSF x Near_LoA	-8,861	-0,042	0,282
CHR7	4154090	CHR7:4154090	SSF x Near_LoA	-8,557	0,034	0,287
CHR7	4155446	CHR7:4155446	SSF x Near_LoA	-6,458	0,171	0,295
CHR7	4160599	CHR7:4160599	SSF x Near_LoA	-6,867	0,141	0,279
CHR7	4160631	CHR7:4160631	SSF x Near_LoA	-8,343	0,131	0,277
CHR7	4160675	CHR7:4160675	SSF x Near_LoA	-7,423	0,086	0,283
CHR7	4170062	CHR7:4170062	SSF x Near_LoA	-7,089	-0,137	0,287
CHR7	4170261	CHR7:4170261	SSF x Near_LoA	-8,345	0,046	0,266
CHR7	4170307	CHR7:4170307	SSF x Near_LoA	-7,126	0,107	0,298
CHR7	4170326	CHR7:4170326	SSF x Near_LoA	-6,788	0,091	0,284
CHR7	4172004	CHR7:4172004	SSF x Near_LoA	-7,104	0,069	0,282
CHR7	4172010	CHR7:4172010	SSF x Near_LoA	-1,648	-0,248	0,260
CHR7	4172242	CHR7:4172242	SSF x Near_LoA	-7,645	0,028	0,297
CHR7	4180513	CHR7:4180513	SSF x Near_LoA	-9,296	-0,132	0,275
CHR7	4193214	CHR7:4193214	SSF x Near_LoA	-8,047	0,014	0,283
CHR7	4199114	CHR7:4199114	SSF x Near_LoA	-7,559	-0,040	0,290
CHR7	4208275	CHR7:4208275	SSF x Near_LoA	-10,496	-0,029	0,290
CHR7	4217671	CHR7:4217671	SSF x Near_LoA	-10,843	-0,093	0,290
CHR7	4231719	CHR7:4231719	SSF x Near_LoA	-6,304	0,152	0,274
CHR7	4231776	CHR7:4231776	SSF x Near_LoA	-3,736	0,142	0,279
CHR7	4277814	CHR7:4277814	SSF x Near_LoA	-8,143	0,101	0,281
CHR7	4277816	CHR7:4277816	SSF x Near_LoA	-7,324	0,089	0,282
CHR7	4346599	CHR7:4346599	SSF x Near_LoA	-7,570	-0,103	0,275
CHR7	4346641	CHR7:4346641	SSF x Near_LoA	-7,972	-0,013	0,281
CHR7	4346690	CHR7:4346690	SSF x Near_LoA	-7,826	-0,121	0,289
CHR7	4346705	CHR7:4346705	SSF x Near_LoA	-4,144	-0,124	0,279
CHR7	4346977	CHR7:4346977	SSF x Near_LoA	-4,257	0,037	0,287
CHR7	4348773	CHR7:4348773	SSF x Near_LoA	-5,909	-0,160	0,277
CHR7	4348775	CHR7:4348775	SSF x Near_LoA	-6,675	-0,154	0,280
CHR7	4348829	CHR7:4348829	SSF x Near_LoA	-6,810	-0,018	0,269
CHR7	4348833	CHR7:4348833	SSF x Near_LoA	-9,060	-0,014	0,288
CHR7	4348881	CHR7:4348881	SSF x Near_LoA	-6,851	-0,129	0,289
CHR7	4348951	CHR7:4348951	SSF x Near_LoA	-8,126	-0,038	0,289
CHR7	437228	CHR7:437228	SSF x Near_LoA	-5,456	0,177	0,274
CHR7	4374793	CHR7:4374793	SSF x Near_LoA	-8,488	0,054	0,288
CHR7	4374896	CHR7:4374896	SSF x Near_LoA	-9,461	0,075	0,284
CHR7	4374930	CHR7:4374930	SSF x Near_LoA	-7,741	-0,036	0,286
CHR7	4374941	CHR7:4374941	SSF x Near_LoA	-7,619	-0,068	0,279

CHR7	4384649	CHR7:4384649	SSF x Near_LoA	-8,809	0,060	0,291
CHR7	4384684	CHR7:4384684	SSF x Near_LoA	-7,820	0,005	0,282
CHR7	4391297	CHR7:4391297	SSF x Near_LoA	-7,720	0,010	0,294
CHR7	4391309	CHR7:4391309	SSF x Near_LoA	-1,393	0,207	0,265
CHR7	4418878	CHR7:4418878	SSF x Near_LoA	-10,179	0,088	0,282
CHR7	4418894	CHR7:4418894	SSF x Near_LoA	-7,856	0,110	0,279
CHR7	4418910	CHR7:4418910	SSF x Near_LoA	-7,597	0,062	0,278
CHR7	4418928	CHR7:4418928	SSF x Near_LoA	-5,482	-0,191	0,284
CHR7	4418951	CHR7:4418951	SSF x Near_LoA	-2,887	0,272	0,269
CHR7	4418969	CHR7:4418969	SSF x Near_LoA	-10,432	-0,109	0,282
CHR7	4419024	CHR7:4419024	SSF x Near_LoA	-7,400	0,066	0,306
CHR7	4419072	CHR7:4419072	SSF x Near_LoA	4,916	-0,226	0,280
CHR7	4451703	CHR7:4451703	SSF x Near_LoA	-8,250	0,142	0,284
CHR7	4454486	CHR7:4454486	SSF x Near_LoA	-11,051	-0,026	0,285
CHR7	4454584	CHR7:4454584	SSF x Near_LoA	-7,460	0,040	0,280
CHR7	4498789	CHR7:4498789	SSF x Near_LoA	-8,401	-0,009	0,284
CHR7	4504067	CHR7:4504067	SSF x Near_LoA	-6,989	0,044	0,279
CHR7	4515395	CHR7:4515395	SSF x Near_LoA	-5,868	-0,119	0,288
CHR7	4515468	CHR7:4515468	SSF x Near_LoA	-10,360	0,052	0,288
CHR7	4515485	CHR7:4515485	SSF x Near_LoA	-6,970	0,156	0,282
CHR7	4515621	CHR7:4515621	SSF x Near_LoA	-10,773	-0,019	0,283
CHR7	4812283	CHR7:4812283	SSF x Near_LoA	-10,155	-0,086	0,293
CHR7	60458	CHR7:60458	SSF x Near_LoA	-10,495	0,000	0,281
CHR7	60704	CHR7:60704	SSF x Near_LoA	-6,519	-0,094	0,290
CHR7	64077	CHR7:64077	SSF x Near_LoA	5,836	0,066	0,260
CHR7	7149047	CHR7:7149047	SSF x Near_LoA	-9,840	-0,076	0,286
CHR7	7170430	CHR7:7170430	SSF x Near_LoA	-8,660	-0,054	0,288
CHR7	7171653	CHR7:7171653	SSF x Near_LoA	-7,089	0,091	0,298
CHR7	7172974	CHR7:7172974	SSF x Near_LoA	-7,234	-0,031	0,285
CHR7	7200704	CHR7:7200704	SSF x Near_LoA	-9,862	0,048	0,292
CHR7	7288729	CHR7:7288729	SSF x Near_LoA	-6,409	-0,097	0,292
CHR7	7288819	CHR7:7288819	SSF x Near_LoA	-7,117	-0,112	0,283
CHR7	7288871	CHR7:7288871	SSF x Near_LoA	-2,855	0,152	0,292
CHR7	7307530	CHR7:7307530	SSF x Near_LoA	-7,046	0,098	0,287
CHR7	7328068	CHR7:7328068	SSF x Near_LoA	-7,031	-0,033	0,290
CHR7	7418541	CHR7:7418541	SSF x Near_LoA	-7,069	0,135	0,280
CHR7	7426598	CHR7:7426598	SSF x Near_LoA	-7,393	0,126	0,298
CHR7	7467325	CHR7:7467325	SSF x Near_LoA	-10,908	-0,012	0,278
CHR7	7478527	CHR7:7478527	SSF x Near_LoA	-9,577	-0,045	0,302
CHR7	7496360	CHR7:7496360	SSF x Near_LoA	-4,867	0,061	0,302
CHR7	7503380	CHR7:7503380	SSF x Near_LoA	-7,283	0,005	0,301
CHR7	7507783	CHR7:7507783	SSF x Near_LoA	-6,650	0,066	0,290
CHR7	7517411	CHR7:7517411	SSF x Near_LoA	-7,754	0,035	0,301
CHR7	7517424	CHR7:7517424	SSF x Near_LoA	-8,404	0,031	0,295
CHR7	7517435	CHR7:7517435	SSF x Near_LoA	-8,361	0,032	0,292
CHR7	7558656	CHR7:7558656	SSF x Near_LoA	-7,536	-0,107	0,288
CHR7	7659990	CHR7:7659990	SSF x Near_LoA	-10,778	0,025	0,280
CHR7	7663014	CHR7:7663014	SSF x Near_LoA	-7,132	0,134	0,282
CHR7	7663155	CHR7:7663155	SSF x Near_LoA	-9,495	-0,015	0,304
CHR7	7823084	CHR7:7823084	SSF x Near_LoA	-4,104	0,184	0,274
CHR7	7828178	CHR7:7828178	SSF x Near_LoA	-6,553	0,113	0,287
CHR7	7828369	CHR7:7828369	SSF x Near_LoA	-7,574	0,045	0,286
CHR7	7837578	CHR7:7837578	SSF x Near_LoA	-8,683	-0,076	0,291

CHR7	7861317	CHR7:7861317	SSF x Near_LoA	-3,514	0,175	0,271
CHR7	7861336	CHR7:7861336	SSF x Near_LoA	-4,518	0,175	0,277
CHR7	7889733	CHR7:7889733	SSF x Near_LoA	-6,539	-0,135	0,272
CHR7	7910727	CHR7:7910727	SSF x Near_LoA	-5,757	0,097	0,290
CHR7	7928689	CHR7:7928689	SSF x Near_LoA	-10,348	-0,083	0,276
CHR7	7930875	CHR7:7930875	SSF x Near_LoA	-8,354	-0,116	0,278
CHR7	7930969	CHR7:7930969	SSF x Near_LoA	-1,927	-0,102	0,273
CHR7	7958803	CHR7:7958803	SSF x Near_LoA	-7,825	-0,013	0,288
CHR7	7958819	CHR7:7958819	SSF x Near_LoA	-8,390	0,013	0,279
CHR7	7964226	CHR7:7964226	SSF x Near_LoA	-9,448	0,053	0,293
CHR7	7978758	CHR7:7978758	SSF x Near_LoA	-9,626	0,013	0,294
CHR7	7978886	CHR7:7978886	SSF x Near_LoA	-9,968	0,029	0,287
CHR7	7993297	CHR7:7993297	SSF x Near_LoA	-8,387	0,017	0,264
CHR7	8008353	CHR7:8008353	SSF x Near_LoA	-3,666	-0,171	0,293
CHR7	8013208	CHR7:8013208	SSF x Near_LoA	-10,041	-0,005	0,288
CHR7	8013377	CHR7:8013377	SSF x Near_LoA	-1,580	0,075	0,284
CHR7	8020106	CHR7:8020106	SSF x Near_LoA	-7,769	-0,008	0,285
CHR7	8028157	CHR7:8028157	SSF x Near_LoA	-6,410	0,004	0,277
CHR7	8028182	CHR7:8028182	SSF x Near_LoA	-4,049	0,089	0,282
CHR7	8047000	CHR7:8047000	SSF x Near_LoA	-6,927	0,111	0,287
CHR7	8047001	CHR7:8047001	SSF x Near_LoA	-10,072	-0,060	0,288
CHR7	80528	CHR7:80528	SSF x Near_LoA	-9,213	-0,036	0,271
CHR7	8057525	CHR7:8057525	SSF x Near_LoA	-0,170	0,147	0,278
CHR7	8069414	CHR7:8069414	SSF x Near_LoA	-7,651	-0,016	0,273
CHR7	8287348	CHR7:8287348	SSF x Near_LoA	-8,362	-0,056	0,293
CHR7	8293840	CHR7:8293840	SSF x Near_LoA	-6,872	-0,100	0,289
CHR7	8293893	CHR7:8293893	SSF x Near_LoA	-5,669	-0,143	0,284
CHR7	8293988	CHR7:8293988	SSF x Near_LoA	-10,699	-0,027	0,279
CHR7	8294199	CHR7:8294199	SSF x Near_LoA	-5,169	-0,153	0,272
CHR7	8306386	CHR7:8306386	SSF x Near_LoA	-5,725	-0,016	0,294
CHR7	8306449	CHR7:8306449	SSF x Near_LoA	-7,156	-0,080	0,287
CHR7	8315094	CHR7:8315094	SSF x Near_LoA	-9,452	0,013	0,292
CHR7	8315234	CHR7:8315234	SSF x Near_LoA	-6,430	-0,124	0,284
CHR7	8315286	CHR7:8315286	SSF x Near_LoA	-9,195	0,071	0,289
CHR7	8341176	CHR7:8341176	SSF x Near_LoA	-3,050	0,245	0,274
CHR7	8341254	CHR7:8341254	SSF x Near_LoA	-4,188	0,244	0,265
CHR7	8358676	CHR7:8358676	SSF x Near_LoA	-5,398	-0,212	0,277
CHR7	8358907	CHR7:8358907	SSF x Near_LoA	-8,529	-0,120	0,257
CHR7	8409081	CHR7:8409081	SSF x Near_LoA	-6,221	0,137	0,269
CHR7	8409087	CHR7:8409087	SSF x Near_LoA	-3,916	0,133	0,257
CHR7	8419460	CHR7:8419460	SSF x Near_LoA	-9,559	-0,077	0,289
CHR7	8426880	CHR7:8426880	SSF x Near_LoA	-3,932	-0,213	0,269
CHR7	8426967	CHR7:8426967	SSF x Near_LoA	-4,642	-0,218	0,261
CHR7	8438897	CHR7:8438897	SSF x Near_LoA	-1,792	0,266	0,254
CHR7	8438999	CHR7:8438999	SSF x Near_LoA	-8,426	-0,055	0,294
CHR7	8439141	CHR7:8439141	SSF x Near_LoA	-7,350	-0,029	0,295
CHR7	8449170	CHR7:8449170	SSF x Near_LoA	-8,583	0,078	0,292
CHR7	8476967	CHR7:8476967	SSF x Near_LoA	-7,811	0,023	0,297
CHR7	8477053	CHR7:8477053	SSF x Near_LoA	-7,761	-0,004	0,299
CHR7	8497234	CHR7:8497234	SSF x Near_LoA	-5,394	-0,040	0,297
CHR7	8497280	CHR7:8497280	SSF x Near_LoA	-9,453	-0,013	0,280
CHR7	8497377	CHR7:8497377	SSF x Near_LoA	-7,397	0,065	0,296
CHR7	8518798	CHR7:8518798	SSF x Near_LoA	-9,307	0,025	0,286

CHR7	8533015	CHR7:8533015	SSF x Near_LoA	-8,743	-0,107	0,283
CHR7	8533093	CHR7:8533093	SSF x Near_LoA	-10,762	0,057	0,265
CHR7	8536977	CHR7:8536977	SSF x Near_LoA	-3,730	-0,257	0,276
CHR7	8537089	CHR7:8537089	SSF x Near_LoA	1,458	-0,274	0,272
CHR7	8547698	CHR7:8547698	SSF x Near_LoA	-4,648	0,209	0,271
CHR7	8548630	CHR7:8548630	SSF x Near_LoA	-9,696	0,045	0,286
CHR7	8560062	CHR7:8560062	SSF x Near_LoA	-9,614	0,109	0,271
CHR7	8566441	CHR7:8566441	SSF x Near_LoA	-10,936	0,045	0,281
CHR7	8566518	CHR7:8566518	SSF x Near_LoA	-9,488	-0,005	0,282
CHR7	8591112	CHR7:8591112	SSF x Near_LoA	-9,574	0,041	0,291
CHR7	8591289	CHR7:8591289	SSF x Near_LoA	-8,597	0,077	0,283
CHR7	8591300	CHR7:8591300	SSF x Near_LoA	-8,828	0,022	0,293
CHR7	8594613	CHR7:8594613	SSF x Near_LoA	-8,119	-0,023	0,293
CHR7	8600815	CHR7:8600815	SSF x Near_LoA	-5,100	-0,127	0,285
CHR7	8607952	CHR7:8607952	SSF x Near_LoA	-6,971	0,070	0,290
CHR7	8616394	CHR7:8616394	SSF x Near_LoA	-8,115	-0,183	0,269
CHR7	8616408	CHR7:8616408	SSF x Near_LoA	-6,597	-0,089	0,294
CHR7	8616429	CHR7:8616429	SSF x Near_LoA	-7,617	0,087	0,284
CHR7	8616577	CHR7:8616577	SSF x Near_LoA	-6,927	0,079	0,287
CHR7	8626379	CHR7:8626379	SSF x Near_LoA	-8,661	-0,053	0,281
CHR7	8633019	CHR7:8633019	SSF x Near_LoA	-8,112	0,102	0,286
CHR7	8652188	CHR7:8652188	SSF x Near_LoA	-7,263	0,104	0,286
CHR7	8661407	CHR7:8661407	SSF x Near_LoA	-6,941	0,138	0,284
CHR7	8661602	CHR7:8661602	SSF x Near_LoA	-6,129	0,144	0,284
CHR7	8661656	CHR7:8661656	SSF x Near_LoA	-6,814	-0,123	0,288
CHR7	8714239	CHR7:8714239	SSF x Near_LoA	-6,301	0,042	0,264
CHR7	8720953	CHR7:8720953	SSF x Near_LoA	-8,691	0,007	0,274
CHR7	8748014	CHR7:8748014	SSF x Near_LoA	-10,279	-0,048	0,301
CHR7	8764474	CHR7:8764474	SSF x Near_LoA	-7,043	-0,063	0,292
CHR7	8766421	CHR7:8766421	SSF x Near_LoA	-9,708	-0,009	0,300
CHR7	8883143	CHR7:8883143	SSF x Near_LoA	-7,771	-0,013	0,300
CHR7	8891864	CHR7:8891864	SSF x Near_LoA	-6,262	0,099	0,275
CHR7	8916563	CHR7:8916563	SSF x Near_LoA	-5,540	0,187	0,271
CHR7	8921063	CHR7:8921063	SSF x Near_LoA	-9,192	0,042	0,283
CHR7	8931109	CHR7:8931109	SSF x Near_LoA	-8,584	0,060	0,288
CHR7	8946237	CHR7:8946237	SSF x Near_LoA	-6,187	0,036	0,292
CHR7	8951427	CHR7:8951427	SSF x Near_LoA	-6,525	-0,061	0,296
CHR7	8967969	CHR7:8967969	SSF x Near_LoA	-8,622	-0,015	0,275
CHR7	8967980	CHR7:8967980	SSF x Near_LoA	0,587	0,024	0,288
CHR7	8985099	CHR7:8985099	SSF x Near_LoA	-8,008	-0,154	0,278
CHR7	8985252	CHR7:8985252	SSF x Near_LoA	-5,789	-0,229	0,265
CHR7	8993685	CHR7:8993685	SSF x Near_LoA	-10,683	0,031	0,287
CHR7	8993808	CHR7:8993808	SSF x Near_LoA	-5,910	0,010	0,300
CHR7	9004848	CHR7:9004848	SSF x Near_LoA	-8,054	0,083	0,295
CHR7	9004974	CHR7:9004974	SSF x Near_LoA	-8,617	0,044	0,297
CHR7	9040983	CHR7:9040983	SSF x Near_LoA	-9,655	0,101	0,284
CHR7	9082734	CHR7:9082734	SSF x Near_LoA	-10,011	-0,065	0,284
CHR7	9082738	CHR7:9082738	SSF x Near_LoA	-7,306	0,123	0,267
CHR7	9084736	CHR7:9084736	SSF x Near_LoA	-9,797	-0,016	0,280
CHR7	9085771	CHR7:9085771	SSF x Near_LoA	-6,383	0,005	0,303
CHR7	9092987	CHR7:9092987	SSF x Near_LoA	-8,829	-0,078	0,280
CHR7	9136753	CHR7:9136753	SSF x Near_LoA	-5,626	0,071	0,294
CHR7	9143284	CHR7:9143284	SSF x Near_LoA	-5,201	0,219	0,280

CHR7	9177979	CHR7:9177979	SSF x Near_LoA	-6,245	-0,015	0,290
CHR7	9177999	CHR7:9177999	SSF x Near_LoA	-9,526	-0,078	0,285
CHR7	9178160	CHR7:9178160	SSF x Near_LoA	-5,536	0,211	0,271
CHR7	9192147	CHR7:9192147	SSF x Near_LoA	-7,375	0,025	0,285
CHR7	9201308	CHR7:9201308	SSF x Near_LoA	-7,173	-0,023	0,277
CHR7	9211241	CHR7:9211241	SSF x Near_LoA	-9,033	0,111	0,294
CHR7	9211242	CHR7:9211242	SSF x Near_LoA	-5,772	0,078	0,289
CHR7	9261586	CHR7:9261586	SSF x Near_LoA	-5,503	0,023	0,302
CHR7	9276234	CHR7:9276234	SSF x Near_LoA	-3,106	-0,077	0,295
CHR7	9276241	CHR7:9276241	SSF x Near_LoA	-7,406	0,010	0,287
CHR7	9297511	CHR7:9297511	SSF x Near_LoA	-5,077	-0,116	0,288
CHR7	9297533	CHR7:9297533	SSF x Near_LoA	-6,989	-0,144	0,277
CHR7	9320775	CHR7:9320775	SSF x Near_LoA	-10,390	-0,060	0,282
CHR7	9355651	CHR7:9355651	SSF x Near_LoA	-5,004	-0,199	0,271
CHR7	9355658	CHR7:9355658	SSF x Near_LoA	-4,107	-0,230	0,268
CHR7	9357511	CHR7:9357511	SSF x Near_LoA	-8,248	-0,105	0,279
CHR7	9357571	CHR7:9357571	SSF x Near_LoA	-3,971	-0,146	0,280
CHR7	9362651	CHR7:9362651	SSF x Near_LoA	-8,104	0,074	0,278
CHR7	9362697	CHR7:9362697	SSF x Near_LoA	-10,997	0,024	0,274
CHR7	9383977	CHR7:9383977	SSF x Near_LoA	-8,513	0,115	0,287
CHR7	9401298	CHR7:9401298	SSF x Near_LoA	-10,942	-0,006	0,284
CHR7	9403361	CHR7:9403361	SSF x Near_LoA	-6,384	0,074	0,283
CHR7	9403383	CHR7:9403383	SSF x Near_LoA	-7,001	0,058	0,295
CHR7	9410983	CHR7:9410983	SSF x Near_LoA	-8,455	0,008	0,291
CHR7	9418250	CHR7:9418250	SSF x Near_LoA	-9,966	-0,035	0,290
CHR7	9442107	CHR7:9442107	SSF x Near_LoA	-7,150	0,123	0,285
CHR7	9442175	CHR7:9442175	SSF x Near_LoA	-6,132	-0,117	0,284
CHR7	9442281	CHR7:9442281	SSF x Near_LoA	-4,767	0,163	0,255
CHR7	9442285	CHR7:9442285	SSF x Near_LoA	-8,528	-0,032	0,291
CHR7	9451794	CHR7:9451794	SSF x Near_LoA	-11,214	-0,073	0,280
CHR7	9451872	CHR7:9451872	SSF x Near_LoA	-5,982	0,122	0,281
CHR7	9468837	CHR7:9468837	SSF x Near_LoA	-7,103	0,046	0,299
CHR7	9480762	CHR7:9480762	SSF x Near_LoA	-9,735	0,028	0,286
CHR7	9480840	CHR7:9480840	SSF x Near_LoA	-8,323	0,082	0,293
CHR7	9485983	CHR7:9485983	SSF x Near_LoA	-2,544	-0,071	0,295
CHR7	9486027	CHR7:9486027	SSF x Near_LoA	-5,134	0,232	0,267
CHR7	9486035	CHR7:9486035	SSF x Near_LoA	-7,300	0,165	0,277
CHR7	9488411	CHR7:9488411	SSF x Near_LoA	-7,158	0,060	0,286
CHR7	9563692	CHR7:9563692	SSF x Near_LoA	-10,423	0,049	0,282
CHR7	9653849	CHR7:9653849	SSF x Near_LoA	-5,556	-0,164	0,287
CHR7	9653883	CHR7:9653883	SSF x Near_LoA	-6,153	-0,191	0,288
CHR7	9653944	CHR7:9653944	SSF x Near_LoA	-3,367	-0,204	0,284
CHR7	9653945	CHR7:9653945	SSF x Near_LoA	-6,289	-0,191	0,284
CHR7	9653995	CHR7:9653995	SSF x Near_LoA	-7,321	-0,163	0,289
CHR7	9654117	CHR7:9654117	SSF x Near_LoA	-6,690	0,044	0,286
CHR7	9654139	CHR7:9654139	SSF x Near_LoA	-10,299	0,020	0,285
CHR7	9720891	CHR7:9720891	SSF x Near_LoA	-9,056	-0,067	0,285
CHR7	9721086	CHR7:9721086	SSF x Near_LoA	-7,677	0,106	0,286
CHR7	9743470	CHR7:9743470	SSF x Near_LoA	-10,762	-0,044	0,276
CHR7	9747299	CHR7:9747299	SSF x Near_LoA	-8,048	-0,080	0,277
CHR7	98456	CHR7:98456	SSF x Near_LoA	-8,783	-0,124	0,267
CHR7	98474	CHR7:98474	SSF x Near_LoA	-8,260	-0,098	0,281
CHR7	98522	CHR7:98522	SSF x Near_LoA	-7,900	-0,020	0,294

CHR8	1E+07	CHR8:10040923	SSF x Near_LoA	-9,260	0,048	0,286
CHR8	1E+07	CHR8:10072364	SSF x Near_LoA	-9,033	-0,046	0,283
CHR8	1E+07	CHR8:10089297	SSF x Near_LoA	-7,792	-0,131	0,285
CHR8	1E+07	CHR8:10089426	SSF x Near_LoA	-7,202	0,058	0,287
CHR8	1E+07	CHR8:10091415	SSF x Near_LoA	-3,723	-0,198	0,286
CHR8	1E+07	CHR8:10094068	SSF x Near_LoA	-10,499	0,029	0,272
CHR8	1E+07	CHR8:10094104	SSF x Near_LoA	-8,430	-0,045	0,284
CHR8	1E+07	CHR8:10094179	SSF x Near_LoA	-8,261	-0,107	0,281
CHR8	1E+07	CHR8:10116133	SSF x Near_LoA	-9,469	-0,014	0,298
CHR8	1E+07	CHR8:10116142	SSF x Near_LoA	-8,982	-0,063	0,281
CHR8	1E+07	CHR8:10116490	SSF x Near_LoA	-8,041	0,074	0,289
CHR8	1E+07	CHR8:10119633	SSF x Near_LoA	-8,267	0,006	0,284
CHR8	1E+07	CHR8:10119762	SSF x Near_LoA	-7,370	0,025	0,282
CHR8	1E+07	CHR8:10123386	SSF x Near_LoA	-8,405	0,017	0,313
CHR8	1E+07	CHR8:10123387	SSF x Near_LoA	-9,220	0,016	0,276
CHR8	1E+07	CHR8:10123504	SSF x Near_LoA	-9,026	-0,076	0,284
CHR8	1E+07	CHR8:10123564	SSF x Near_LoA	-7,793	0,078	0,280
CHR8	1E+07	CHR8:10124975	SSF x Near_LoA	-9,644	0,042	0,276
CHR8	1E+07	CHR8:10125052	SSF x Near_LoA	-8,806	0,000	0,285
CHR8	1E+07	CHR8:10125105	SSF x Near_LoA	-10,022	-0,039	0,294
CHR8	1013323	CHR8:1013323	SSF x Near_LoA	-8,570	0,014	0,301
CHR8	1013344	CHR8:1013344	SSF x Near_LoA	-8,175	0,018	0,285
CHR8	1013601	CHR8:1013601	SSF x Near_LoA	-9,442	-0,010	0,299
CHR8	1013603	CHR8:1013603	SSF x Near_LoA	7,448	0,051	0,290
CHR8	1013670	CHR8:1013670	SSF x Near_LoA	-10,161	-0,029	0,273
CHR8	1013690	CHR8:1013690	SSF x Near_LoA	-8,789	-0,044	0,290
CHR8	1E+07	CHR8:10143251	SSF x Near_LoA	-10,482	0,008	0,284
CHR8	1E+07	CHR8:10143296	SSF x Near_LoA	-10,664	-0,010	0,284
CHR8	1E+07	CHR8:10160212	SSF x Near_LoA	-7,351	-0,181	0,281
CHR8	1E+07	CHR8:10162643	SSF x Near_LoA	-9,213	0,019	0,281
CHR8	1E+07	CHR8:10162708	SSF x Near_LoA	-7,652	-0,070	0,289
CHR8	1E+07	CHR8:10162844	SSF x Near_LoA	-8,662	0,043	0,281
CHR8	1E+07	CHR8:10165746	SSF x Near_LoA	-10,872	-0,066	0,271
CHR8	1E+07	CHR8:10165782	SSF x Near_LoA	-10,746	0,010	0,280
CHR8	1E+07	CHR8:10165792	SSF x Near_LoA	-6,262	-0,124	0,284
CHR8	1E+07	CHR8:10194077	SSF x Near_LoA	-9,815	0,137	0,282
CHR8	1E+07	CHR8:10194280	SSF x Near_LoA	-7,717	-0,045	0,288
CHR8	1E+07	CHR8:10194389	SSF x Near_LoA	-7,518	-0,034	0,287
CHR8	1E+07	CHR8:10197980	SSF x Near_LoA	-8,948	0,012	0,285
CHR8	1E+07	CHR8:10198002	SSF x Near_LoA	-8,649	0,071	0,280
CHR8	1E+07	CHR8:10205589	SSF x Near_LoA	-6,825	0,136	0,288
CHR8	1E+07	CHR8:10205628	SSF x Near_LoA	-9,783	-0,090	0,286
CHR8	1E+07	CHR8:10234471	SSF x Near_LoA	-9,589	-0,001	0,291
CHR8	1E+07	CHR8:10234524	SSF x Near_LoA	-9,323	-0,100	0,283
CHR8	1E+07	CHR8:10234563	SSF x Near_LoA	-8,472	0,046	0,283
CHR8	1E+07	CHR8:10243131	SSF x Near_LoA	-8,997	-0,055	0,291
CHR8	1E+07	CHR8:10271209	SSF x Near_LoA	-8,913	0,059	0,281
CHR8	1E+07	CHR8:10271316	SSF x Near_LoA	-2,849	-0,189	0,290
CHR8	1E+07	CHR8:10274804	SSF x Near_LoA	-7,438	0,061	0,288
CHR8	1E+07	CHR8:10274812	SSF x Near_LoA	-7,321	0,090	0,298
CHR8	1E+07	CHR8:10274823	SSF x Near_LoA	-6,600	-0,098	0,291
CHR8	1E+07	CHR8:10350134	SSF x Near_LoA	-9,861	-0,070	0,295
CHR8	1E+07	CHR8:10353499	SSF x Near_LoA	-7,914	0,023	0,275

CHR8	1E+07	CHR8:10353510	SSF x Near_LoA	-9,852	-0,021	0,302
CHR8	1E+07	CHR8:10363640	SSF x Near_LoA	-6,900	0,028	0,308
CHR8	1E+07	CHR8:10364027	SSF x Near_LoA	-6,753	0,173	0,274
CHR8	1E+07	CHR8:10412035	SSF x Near_LoA	-10,286	0,041	0,300
CHR8	1E+07	CHR8:10412151	SSF x Near_LoA	-9,003	0,138	0,288
CHR8	1041563	CHR8:1041563	SSF x Near_LoA	-9,502	0,086	0,289
CHR8	1041599	CHR8:1041599	SSF x Near_LoA	-9,708	-0,049	0,283
CHR8	1E+07	CHR8:10439569	SSF x Near_LoA	-10,074	-0,086	0,279
CHR8	1E+07	CHR8:10439599	SSF x Near_LoA	-7,042	0,019	0,283
CHR8	1E+07	CHR8:10443548	SSF x Near_LoA	-5,518	0,119	0,281
CHR8	1E+07	CHR8:10443687	SSF x Near_LoA	-7,565	-0,126	0,271
CHR8	10501703	CHR8:10501703	SSF x Near_LoA	-8,438	-0,103	0,300
CHR8	10521697	CHR8:10521697	SSF x Near_LoA	-7,820	0,185	0,274
CHR8	10527399	CHR8:10527399	SSF x Near_LoA	-6,831	-0,065	0,287
CHR8	10527681	CHR8:10527681	SSF x Near_LoA	-9,985	0,100	0,289
CHR8	10527696	CHR8:10527696	SSF x Near_LoA	-8,901	0,005	0,291
CHR8	10534830	CHR8:10534830	SSF x Near_LoA	-7,710	0,098	0,274
CHR8	10534835	CHR8:10534835	SSF x Near_LoA	-8,638	0,123	0,277
CHR8	10544561	CHR8:10544561	SSF x Near_LoA	-7,177	-0,116	0,283
CHR8	10547201	CHR8:10547201	SSF x Near_LoA	-9,250	-0,072	0,289
CHR8	1055224	CHR8:1055224	SSF x Near_LoA	-8,331	-0,090	0,278
CHR8	1055293	CHR8:1055293	SSF x Near_LoA	-7,174	0,054	0,295
CHR8	1055378	CHR8:1055378	SSF x Near_LoA	-9,930	0,034	0,279
CHR8	10563100	CHR8:10563100	SSF x Near_LoA	-8,295	-0,044	0,287
CHR8	10563164	CHR8:10563164	SSF x Near_LoA	-8,990	-0,124	0,283
CHR8	10563166	CHR8:10563166	SSF x Near_LoA	-8,926	-0,002	0,279
CHR8	10566547	CHR8:10566547	SSF x Near_LoA	-1,614	-0,186	0,269
CHR8	10579390	CHR8:10579390	SSF x Near_LoA	-6,329	-0,081	0,281
CHR8	10579471	CHR8:10579471	SSF x Near_LoA	-6,323	0,161	0,270
CHR8	10580166	CHR8:10580166	SSF x Near_LoA	-4,060	0,140	0,288
CHR8	10580342	CHR8:10580342	SSF x Near_LoA	-10,718	-0,003	0,276
CHR8	10581177	CHR8:10581177	SSF x Near_LoA	-6,882	-0,041	0,273
CHR8	10581276	CHR8:10581276	SSF x Near_LoA	-5,410	-0,048	0,272
CHR8	10581308	CHR8:10581308	SSF x Near_LoA	-7,428	-0,172	0,272
CHR8	10581313	CHR8:10581313	SSF x Near_LoA	-6,809	-0,042	0,277
CHR8	10581388	CHR8:10581388	SSF x Near_LoA	-8,985	-0,033	0,304
CHR8	10584565	CHR8:10584565	SSF x Near_LoA	-8,797	-0,047	0,286
CHR8	10584738	CHR8:10584738	SSF x Near_LoA	-6,807	-0,080	0,299
CHR8	10584820	CHR8:10584820	SSF x Near_LoA	-5,609	0,041	0,272
CHR8	10589582	CHR8:10589582	SSF x Near_LoA	-7,204	-0,173	0,280
CHR8	10623439	CHR8:10623439	SSF x Near_LoA	-9,612	-0,018	0,290
CHR8	10638899	CHR8:10638899	SSF x Near_LoA	-9,167	0,086	0,287
CHR8	10638926	CHR8:10638926	SSF x Near_LoA	-9,526	0,068	0,287
CHR8	10650778	CHR8:10650778	SSF x Near_LoA	-7,945	-0,018	0,292
CHR8	10653140	CHR8:10653140	SSF x Near_LoA	-8,505	0,027	0,304
CHR8	10653146	CHR8:10653146	SSF x Near_LoA	-9,248	-0,035	0,298
CHR8	10653199	CHR8:10653199	SSF x Near_LoA	-7,286	-0,090	0,278
CHR8	10653270	CHR8:10653270	SSF x Near_LoA	-10,569	0,049	0,275
CHR8	1066313	CHR8:1066313	SSF x Near_LoA	-4,513	0,175	0,289
CHR8	1066512	CHR8:1066512	SSF x Near_LoA	-9,314	-0,006	0,292
CHR8	1066522	CHR8:1066522	SSF x Near_LoA	-10,121	-0,026	0,286
CHR8	1066644	CHR8:1066644	SSF x Near_LoA	-7,313	-0,011	0,288
CHR8	10682446	CHR8:10682446	SSF x Near_LoA	-6,962	0,126	0,278

CHR8	10682509	CHR8:10682509	SSF x Near_LoA	-4,821	-0,144	0,283
CHR8	10700021	CHR8:10700021	SSF x Near_LoA	-8,658	0,003	0,289
CHR8	10704206	CHR8:10704206	SSF x Near_LoA	-9,825	-0,014	0,295
CHR8	10704209	CHR8:10704209	SSF x Near_LoA	-6,957	-0,063	0,280
CHR8	10704516	CHR8:10704516	SSF x Near_LoA	-6,259	-0,034	0,277
CHR8	10711045	CHR8:10711045	SSF x Near_LoA	-9,482	0,049	0,286
CHR8	10711060	CHR8:10711060	SSF x Near_LoA	-7,138	-0,088	0,293
CHR8	10719142	CHR8:10719142	SSF x Near_LoA	-10,564	-0,034	0,288
CHR8	10721844	CHR8:10721844	SSF x Near_LoA	-9,711	0,055	0,288
CHR8	10728034	CHR8:10728034	SSF x Near_LoA	-7,552	-0,022	0,291
CHR8	10728058	CHR8:10728058	SSF x Near_LoA	-9,536	0,005	0,281
CHR8	10728390	CHR8:10728390	SSF x Near_LoA	-9,327	-0,093	0,287
CHR8	1078057	CHR8:1078057	SSF x Near_LoA	-8,703	-0,043	0,282
CHR8	1078218	CHR8:1078218	SSF x Near_LoA	-8,080	-0,018	0,297
CHR8	10785968	CHR8:10785968	SSF x Near_LoA	-7,363	-0,169	0,281
CHR8	10786095	CHR8:10786095	SSF x Near_LoA	-8,118	-0,145	0,274
CHR8	10802962	CHR8:10802962	SSF x Near_LoA	-9,049	-0,027	0,296
CHR8	10802963	CHR8:10802963	SSF x Near_LoA	-10,157	0,001	0,285
CHR8	10803089	CHR8:10803089	SSF x Near_LoA	-6,050	0,135	0,283
CHR8	10809560	CHR8:10809560	SSF x Near_LoA	-6,694	0,098	0,289
CHR8	10811509	CHR8:10811509	SSF x Near_LoA	-6,980	0,160	0,273
CHR8	10815144	CHR8:10815144	SSF x Near_LoA	-8,181	0,003	0,282
CHR8	10816263	CHR8:10816263	SSF x Near_LoA	-4,597	-0,007	0,287
CHR8	10827161	CHR8:10827161	SSF x Near_LoA	-4,630	0,162	0,268
CHR8	10893220	CHR8:10893220	SSF x Near_LoA	-9,835	0,032	0,284
CHR8	10908320	CHR8:10908320	SSF x Near_LoA	-8,784	-0,012	0,279
CHR8	10999114	CHR8:10999114	SSF x Near_LoA	-7,936	-0,098	0,301
CHR8	11016310	CHR8:11016310	SSF x Near_LoA	-11,394	0,008	0,269
CHR8	11017300	CHR8:11017300	SSF x Near_LoA	-9,837	-0,025	0,286
CHR8	11017418	CHR8:11017418	SSF x Near_LoA	-4,878	0,181	0,280
CHR8	11025620	CHR8:11025620	SSF x Near_LoA	-7,144	0,026	0,289
CHR8	11054816	CHR8:11054816	SSF x Near_LoA	-5,096	-0,144	0,282
CHR8	11054999	CHR8:11054999	SSF x Near_LoA	-8,064	-0,034	0,273
CHR8	11064612	CHR8:11064612	SSF x Near_LoA	-9,262	0,060	0,277
CHR8	11064687	CHR8:11064687	SSF x Near_LoA	-7,695	0,078	0,279
CHR8	11098866	CHR8:11098866	SSF x Near_LoA	-7,583	-0,066	0,289
CHR8	11145029	CHR8:11145029	SSF x Near_LoA	-2,321	-0,274	0,271
CHR8	1129076	CHR8:1129076	SSF x Near_LoA	-5,220	0,056	0,287
CHR8	1129078	CHR8:1129078	SSF x Near_LoA	-7,520	0,090	0,283
CHR8	1129091	CHR8:1129091	SSF x Near_LoA	-9,967	-0,008	0,286
CHR8	1129290	CHR8:1129290	SSF x Near_LoA	-6,678	-0,133	0,296
CHR8	1129416	CHR8:1129416	SSF x Near_LoA	-6,290	-0,152	0,284
CHR8	1141279	CHR8:1141279	SSF x Near_LoA	-5,379	0,158	0,286
CHR8	1141354	CHR8:1141354	SSF x Near_LoA	-5,996	-0,211	0,261
CHR8	11497509	CHR8:11497509	SSF x Near_LoA	-11,183	0,040	0,280
CHR8	11505061	CHR8:11505061	SSF x Near_LoA	-6,958	-0,062	0,302
CHR8	11520450	CHR8:11520450	SSF x Near_LoA	-7,668	-0,046	0,283
CHR8	11528736	CHR8:11528736	SSF x Near_LoA	-6,737	0,152	0,296
CHR8	11541763	CHR8:11541763	SSF x Near_LoA	-6,401	-0,150	0,274
CHR8	11560841	CHR8:11560841	SSF x Near_LoA	-10,365	-0,007	0,295
CHR8	11573177	CHR8:11573177	SSF x Near_LoA	-9,079	-0,011	0,283
CHR8	11602818	CHR8:11602818	SSF x Near_LoA	-7,887	0,180	0,273
CHR8	1162419	CHR8:1162419	SSF x Near_LoA	-7,931	0,010	0,278

CHR8	1162483	CHR8:1162483	SSF x Near_LoA	-4,834	-0,095	0,288
CHR8	11653799	CHR8:11653799	SSF x Near_LoA	-7,599	0,023	0,303
CHR8	11656558	CHR8:11656558	SSF x Near_LoA	-7,440	-0,010	0,295
CHR8	1178974	CHR8:1178974	SSF x Near_LoA	-4,609	0,171	0,263
CHR8	1179110	CHR8:1179110	SSF x Near_LoA	-8,481	-0,108	0,287
CHR8	1179111	CHR8:1179111	SSF x Near_LoA	-8,614	-0,111	0,285
CHR8	1179120	CHR8:1179120	SSF x Near_LoA	-9,832	-0,085	0,280
CHR8	1179121	CHR8:1179121	SSF x Near_LoA	-9,490	-0,079	0,286
CHR8	1179149	CHR8:1179149	SSF x Near_LoA	-8,768	0,121	0,289
CHR8	1179194	CHR8:1179194	SSF x Near_LoA	-4,896	-0,063	0,301
CHR8	1186513	CHR8:1186513	SSF x Near_LoA	-7,378	-0,035	0,278
CHR8	1186692	CHR8:1186692	SSF x Near_LoA	-10,020	-0,038	0,294
CHR8	1186726	CHR8:1186726	SSF x Near_LoA	-7,548	-0,094	0,289
CHR8	1224431	CHR8:1224431	SSF x Near_LoA	-5,671	0,032	0,280
CHR8	1224447	CHR8:1224447	SSF x Near_LoA	-6,458	-0,003	0,293
CHR8	1237008	CHR8:1237008	SSF x Near_LoA	-8,238	0,062	0,280
CHR8	1257367	CHR8:1257367	SSF x Near_LoA	-6,815	0,110	0,286
CHR8	1257508	CHR8:1257508	SSF x Near_LoA	-7,936	0,071	0,291
CHR8	1266552	CHR8:1266552	SSF x Near_LoA	-6,304	0,163	0,283
CHR8	1266949	CHR8:1266949	SSF x Near_LoA	-8,304	-0,031	0,278
CHR8	1276366	CHR8:1276366	SSF x Near_LoA	-9,692	0,010	0,267
CHR8	1277188	CHR8:1277188	SSF x Near_LoA	-8,027	0,075	0,292
CHR8	1288368	CHR8:1288368	SSF x Near_LoA	-6,672	-0,094	0,294
CHR8	1288581	CHR8:1288581	SSF x Near_LoA	-9,233	0,008	0,299
CHR8	1288626	CHR8:1288626	SSF x Near_LoA	-8,948	-0,015	0,293
CHR8	1288649	CHR8:1288649	SSF x Near_LoA	-8,457	-0,082	0,282
CHR8	1290086	CHR8:1290086	SSF x Near_LoA	-8,547	-0,077	0,300
CHR8	1290093	CHR8:1290093	SSF x Near_LoA	-7,364	-0,045	0,298
CHR8	1290162	CHR8:1290162	SSF x Near_LoA	-10,420	0,023	0,289
CHR8	1290169	CHR8:1290169	SSF x Near_LoA	-10,444	0,016	0,293
CHR8	1290193	CHR8:1290193	SSF x Near_LoA	-9,853	0,023	0,291
CHR8	1290336	CHR8:1290336	SSF x Near_LoA	-9,629	-0,011	0,287
CHR8	1290380	CHR8:1290380	SSF x Near_LoA	-5,779	0,173	0,270
CHR8	1290417	CHR8:1290417	SSF x Near_LoA	-7,635	-0,028	0,291
CHR8	1312903	CHR8:1312903	SSF x Near_LoA	-9,606	0,030	0,288
CHR8	1312985	CHR8:1312985	SSF x Near_LoA	-5,698	0,046	0,298
CHR8	1312987	CHR8:1312987	SSF x Near_LoA	-6,814	0,107	0,291
CHR8	1312994	CHR8:1312994	SSF x Near_LoA	-6,749	0,080	0,295
CHR8	1313075	CHR8:1313075	SSF x Near_LoA	-9,079	-0,076	0,275
CHR8	1313126	CHR8:1313126	SSF x Near_LoA	-9,071	0,084	0,277
CHR8	1318053	CHR8:1318053	SSF x Near_LoA	-7,301	-0,096	0,294
CHR8	1322401	CHR8:1322401	SSF x Near_LoA	-7,014	0,158	0,285
CHR8	1322404	CHR8:1322404	SSF x Near_LoA	-8,388	0,166	0,287
CHR8	1322406	CHR8:1322406	SSF x Near_LoA	-7,320	0,163	0,277
CHR8	1322427	CHR8:1322427	SSF x Near_LoA	-4,949	0,130	0,298
CHR8	1322451	CHR8:1322451	SSF x Near_LoA	-8,415	0,138	0,297
CHR8	1322470	CHR8:1322470	SSF x Near_LoA	-8,914	-0,064	0,283
CHR8	1339719	CHR8:1339719	SSF x Near_LoA	-6,861	-0,014	0,290
CHR8	1345955	CHR8:1345955	SSF x Near_LoA	-6,338	0,063	0,276
CHR8	1345987	CHR8:1345987	SSF x Near_LoA	-8,363	0,104	0,292
CHR8	1346024	CHR8:1346024	SSF x Near_LoA	-8,622	0,042	0,290
CHR8	1346030	CHR8:1346030	SSF x Near_LoA	-5,370	0,085	0,261
CHR8	1346070	CHR8:1346070	SSF x Near_LoA	-6,503	-0,125	0,287

CHR8	1346117	CHR8:1346117	SSF x Near_LoA	-10,388	-0,058	0,271
CHR8	1346124	CHR8:1346124	SSF x Near_LoA	-7,855	-0,076	0,287
CHR8	1346166	CHR8:1346166	SSF x Near_LoA	-3,886	0,151	0,299
CHR8	1346190	CHR8:1346190	SSF x Near_LoA	-6,939	-0,104	0,298
CHR8	1348767	CHR8:1348767	SSF x Near_LoA	-9,848	0,003	0,298
CHR8	1348801	CHR8:1348801	SSF x Near_LoA	-9,452	0,068	0,283
CHR8	1348894	CHR8:1348894	SSF x Near_LoA	-7,910	-0,088	0,273
CHR8	1358130	CHR8:1358130	SSF x Near_LoA	-7,702	-0,094	0,285
CHR8	1358194	CHR8:1358194	SSF x Near_LoA	-5,296	-0,215	0,280
CHR8	1358200	CHR8:1358200	SSF x Near_LoA	-7,148	0,064	0,282
CHR8	1358336	CHR8:1358336	SSF x Near_LoA	-5,940	-0,088	0,295
CHR8	1358338	CHR8:1358338	SSF x Near_LoA	-6,376	-0,091	0,299
CHR8	1358341	CHR8:1358341	SSF x Near_LoA	-10,848	-0,087	0,270
CHR8	1358397	CHR8:1358397	SSF x Near_LoA	-11,066	0,063	0,279
CHR8	1358408	CHR8:1358408	SSF x Near_LoA	-8,449	-0,037	0,295
CHR8	1381070	CHR8:1381070	SSF x Near_LoA	5,308	-0,306	0,271
CHR8	1381096	CHR8:1381096	SSF x Near_LoA	-2,707	-0,193	0,275
CHR8	1381130	CHR8:1381130	SSF x Near_LoA	-8,178	0,026	0,281
CHR8	1381266	CHR8:1381266	SSF x Near_LoA	-1,725	-0,172	0,284
CHR8	1387379	CHR8:1387379	SSF x Near_LoA	-6,949	0,102	0,287
CHR8	1399054	CHR8:1399054	SSF x Near_LoA	-10,040	0,009	0,291
CHR8	1399068	CHR8:1399068	SSF x Near_LoA	-9,298	0,021	0,287
CHR8	1416968	CHR8:1416968	SSF x Near_LoA	-5,469	-0,137	0,268
CHR8	1417016	CHR8:1417016	SSF x Near_LoA	-6,520	0,175	0,281
CHR8	1417135	CHR8:1417135	SSF x Near_LoA	-7,308	-0,040	0,281
CHR8	1418373	CHR8:1418373	SSF x Near_LoA	-6,722	-0,104	0,289
CHR8	1458377	CHR8:1458377	SSF x Near_LoA	-2,881	0,006	0,289
CHR8	1458631	CHR8:1458631	SSF x Near_LoA	-8,276	-0,126	0,291
CHR8	1458682	CHR8:1458682	SSF x Near_LoA	-8,450	0,030	0,280
CHR8	1475521	CHR8:1475521	SSF x Near_LoA	-6,908	0,106	0,282
CHR8	1475745	CHR8:1475745	SSF x Near_LoA	-11,127	-0,016	0,287
CHR8	1475871	CHR8:1475871	SSF x Near_LoA	-10,255	-0,034	0,289
CHR8	1475889	CHR8:1475889	SSF x Near_LoA	-7,595	-0,073	0,291
CHR8	1487815	CHR8:1487815	SSF x Near_LoA	-8,728	0,076	0,288
CHR8	1489754	CHR8:1489754	SSF x Near_LoA	-7,528	-0,090	0,287
CHR8	1489763	CHR8:1489763	SSF x Near_LoA	-7,020	-0,014	0,286
CHR8	1493069	CHR8:1493069	SSF x Near_LoA	-9,970	0,051	0,285
CHR8	1494579	CHR8:1494579	SSF x Near_LoA	-8,386	0,070	0,272
CHR8	1494589	CHR8:1494589	SSF x Near_LoA	-4,966	-0,020	0,276
CHR8	1504961	CHR8:1504961	SSF x Near_LoA	-8,392	-0,073	0,276
CHR8	1506294	CHR8:1506294	SSF x Near_LoA	-9,172	-0,005	0,309
CHR8	1518324	CHR8:1518324	SSF x Near_LoA	-8,639	0,005	0,282
CHR8	1518357	CHR8:1518357	SSF x Near_LoA	-10,144	0,052	0,287
CHR8	1518368	CHR8:1518368	SSF x Near_LoA	-8,716	-0,018	0,280
CHR8	1518384	CHR8:1518384	SSF x Near_LoA	-7,473	0,068	0,290
CHR8	1518443	CHR8:1518443	SSF x Near_LoA	-7,990	-0,148	0,266
CHR8	1518537	CHR8:1518537	SSF x Near_LoA	-9,288	0,009	0,286
CHR8	1518558	CHR8:1518558	SSF x Near_LoA	-9,689	-0,104	0,284
CHR8	1518570	CHR8:1518570	SSF x Near_LoA	-10,518	0,056	0,289
CHR8	1518608	CHR8:1518608	SSF x Near_LoA	-3,442	-0,199	0,284
CHR8	1539860	CHR8:1539860	SSF x Near_LoA	-8,056	-0,102	0,284
CHR8	1540084	CHR8:1540084	SSF x Near_LoA	-4,227	0,156	0,287
CHR8	1556736	CHR8:1556736	SSF x Near_LoA	-10,536	0,070	0,287

CHR8	1556746	CHR8:1556746	SSF x Near_LoA	-7,956	-0,091	0,277
CHR8	1556750	CHR8:1556750	SSF x Near_LoA	-7,808	0,054	0,288
CHR8	1556772	CHR8:1556772	SSF x Near_LoA	-9,061	0,060	0,297
CHR8	1561800	CHR8:1561800	SSF x Near_LoA	-9,184	-0,078	0,287
CHR8	1561901	CHR8:1561901	SSF x Near_LoA	-9,930	0,029	0,295
CHR8	1561927	CHR8:1561927	SSF x Near_LoA	-10,067	0,027	0,283
CHR8	1563060	CHR8:1563060	SSF x Near_LoA	-3,819	-0,156	0,287
CHR8	1563171	CHR8:1563171	SSF x Near_LoA	-6,406	0,133	0,284
CHR8	1567165	CHR8:1567165	SSF x Near_LoA	-6,211	0,183	0,272
CHR8	1579265	CHR8:1579265	SSF x Near_LoA	-7,303	-0,073	0,287
CHR8	1579610	CHR8:1579610	SSF x Near_LoA	-7,370	-0,059	0,299
CHR8	1590555	CHR8:1590555	SSF x Near_LoA	-10,943	0,002	0,288
CHR8	1590790	CHR8:1590790	SSF x Near_LoA	-8,606	0,047	0,283
CHR8	1590911	CHR8:1590911	SSF x Near_LoA	-9,997	0,008	0,285
CHR8	1604600	CHR8:1604600	SSF x Near_LoA	-6,346	0,025	0,296
CHR8	1604620	CHR8:1604620	SSF x Near_LoA	-5,939	0,117	0,292
CHR8	1622452	CHR8:1622452	SSF x Near_LoA	-10,481	-0,051	0,286
CHR8	1622456	CHR8:1622456	SSF x Near_LoA	-4,689	0,159	0,292
CHR8	1692671	CHR8:1692671	SSF x Near_LoA	-7,386	0,046	0,282
CHR8	1693029	CHR8:1693029	SSF x Near_LoA	-7,802	0,095	0,291
CHR8	1700918	CHR8:1700918	SSF x Near_LoA	-4,602	0,149	0,298
CHR8	1701003	CHR8:1701003	SSF x Near_LoA	7,516	0,164	0,270
CHR8	1703177	CHR8:1703177	SSF x Near_LoA	-6,562	-0,111	0,285
CHR8	1705221	CHR8:1705221	SSF x Near_LoA	-7,087	-0,129	0,291
CHR8	1705231	CHR8:1705231	SSF x Near_LoA	-7,790	-0,011	0,290
CHR8	1741400	CHR8:1741400	SSF x Near_LoA	-7,237	-0,103	0,296
CHR8	1741452	CHR8:1741452	SSF x Near_LoA	-9,867	0,062	0,287
CHR8	1741464	CHR8:1741464	SSF x Near_LoA	-9,883	0,073	0,287
CHR8	1741470	CHR8:1741470	SSF x Near_LoA	-7,772	0,043	0,295
CHR8	1741480	CHR8:1741480	SSF x Near_LoA	-3,354	-0,187	0,288
CHR8	1741537	CHR8:1741537	SSF x Near_LoA	-9,986	-0,059	0,292
CHR8	1741566	CHR8:1741566	SSF x Near_LoA	-8,939	0,067	0,298
CHR8	1748210	CHR8:1748210	SSF x Near_LoA	-7,738	-0,048	0,283
CHR8	1766640	CHR8:1766640	SSF x Near_LoA	-8,844	-0,007	0,295
CHR8	1771601	CHR8:1771601	SSF x Near_LoA	-8,457	0,012	0,282
CHR8	1796516	CHR8:1796516	SSF x Near_LoA	-10,510	-0,054	0,272
CHR8	1796605	CHR8:1796605	SSF x Near_LoA	-8,941	-0,036	0,286
CHR8	1796608	CHR8:1796608	SSF x Near_LoA	1,052	0,035	0,294
CHR8	1796706	CHR8:1796706	SSF x Near_LoA	-10,012	-0,055	0,277
CHR8	1796798	CHR8:1796798	SSF x Near_LoA	-8,672	-0,064	0,284
CHR8	1805730	CHR8:1805730	SSF x Near_LoA	-9,026	-0,072	0,279
CHR8	1811235	CHR8:1811235	SSF x Near_LoA	-9,303	0,035	0,303
CHR8	1815275	CHR8:1815275	SSF x Near_LoA	-5,170	-0,196	0,264
CHR8	1852096	CHR8:1852096	SSF x Near_LoA	-8,449	-0,090	0,269
CHR8	1873721	CHR8:1873721	SSF x Near_LoA	-9,324	-0,086	0,284
CHR8	1875642	CHR8:1875642	SSF x Near_LoA	-1,621	-0,048	0,293
CHR8	1875824	CHR8:1875824	SSF x Near_LoA	7,356	0,181	0,269
CHR8	1875830	CHR8:1875830	SSF x Near_LoA	-1,187	-0,132	0,299
CHR8	1875835	CHR8:1875835	SSF x Near_LoA	-6,401	0,157	0,274
CHR8	1885137	CHR8:1885137	SSF x Near_LoA	-8,228	0,033	0,248
CHR8	1885148	CHR8:1885148	SSF x Near_LoA	-7,312	-0,051	0,272
CHR8	1893706	CHR8:1893706	SSF x Near_LoA	-7,715	0,000	0,285
CHR8	1893813	CHR8:1893813	SSF x Near_LoA	-3,516	-0,172	0,287

CHR8	1893883	CHR8:1893883	SSF x Near_LoA	-7,456	0,093	0,301
CHR8	1899329	CHR8:1899329	SSF x Near_LoA	-3,575	0,092	0,286
CHR8	1916035	CHR8:1916035	SSF x Near_LoA	-11,375	0,043	0,273
CHR8	1917536	CHR8:1917536	SSF x Near_LoA	-6,500	-0,114	0,289
CHR8	1917543	CHR8:1917543	SSF x Near_LoA	-8,337	0,138	0,275
CHR8	1918878	CHR8:1918878	SSF x Near_LoA	-7,091	-0,087	0,290
CHR8	1918923	CHR8:1918923	SSF x Near_LoA	-5,657	0,099	0,282
CHR8	1918950	CHR8:1918950	SSF x Near_LoA	-9,483	-0,004	0,301
CHR8	1919019	CHR8:1919019	SSF x Near_LoA	-6,799	0,105	0,287
CHR8	1919083	CHR8:1919083	SSF x Near_LoA	-7,331	-0,078	0,287
CHR8	1922168	CHR8:1922168	SSF x Near_LoA	-3,751	0,016	0,274
CHR8	1922169	CHR8:1922169	SSF x Near_LoA	-8,112	-0,014	0,280
CHR8	1922174	CHR8:1922174	SSF x Near_LoA	-7,982	0,001	0,284
CHR8	1922191	CHR8:1922191	SSF x Near_LoA	-8,772	-0,022	0,271
CHR8	1922207	CHR8:1922207	SSF x Near_LoA	-7,547	0,009	0,275
CHR8	1922221	CHR8:1922221	SSF x Near_LoA	-7,046	-0,023	0,282
CHR8	1922546	CHR8:1922546	SSF x Near_LoA	-9,367	0,119	0,275
CHR8	1932844	CHR8:1932844	SSF x Near_LoA	-7,510	-0,094	0,290
CHR8	1948673	CHR8:1948673	SSF x Near_LoA	-1,080	0,017	0,300
CHR8	1962948	CHR8:1962948	SSF x Near_LoA	-8,651	-0,081	0,295
CHR8	1970936	CHR8:1970936	SSF x Near_LoA	-10,766	0,061	0,280
CHR8	1970980	CHR8:1970980	SSF x Near_LoA	-7,260	-0,072	0,287
CHR8	1972482	CHR8:1972482	SSF x Near_LoA	-9,078	0,027	0,296
CHR8	1972485	CHR8:1972485	SSF x Near_LoA	-7,918	-0,131	0,273
CHR8	2025242	CHR8:2025242	SSF x Near_LoA	-5,855	0,079	0,290
CHR8	2025506	CHR8:2025506	SSF x Near_LoA	-7,914	0,143	0,266
CHR8	2025519	CHR8:2025519	SSF x Near_LoA	-2,091	0,233	0,277
CHR8	2037381	CHR8:2037381	SSF x Near_LoA	-9,575	0,029	0,277
CHR8	2037389	CHR8:2037389	SSF x Near_LoA	-9,554	0,061	0,290
CHR8	2045552	CHR8:2045552	SSF x Near_LoA	-6,741	-0,069	0,296
CHR8	2045747	CHR8:2045747	SSF x Near_LoA	-8,148	0,017	0,291
CHR8	2047424	CHR8:2047424	SSF x Near_LoA	-7,527	-0,029	0,280
CHR8	2047548	CHR8:2047548	SSF x Near_LoA	-10,054	0,048	0,302
CHR8	2089506	CHR8:2089506	SSF x Near_LoA	-7,375	0,126	0,279
CHR8	2089638	CHR8:2089638	SSF x Near_LoA	-10,703	0,005	0,288
CHR8	2089641	CHR8:2089641	SSF x Near_LoA	-7,613	-0,014	0,288
CHR8	2095677	CHR8:2095677	SSF x Near_LoA	-8,903	-0,146	0,269
CHR8	2095683	CHR8:2095683	SSF x Near_LoA	-8,581	0,104	0,294
CHR8	2095734	CHR8:2095734	SSF x Near_LoA	-10,074	0,057	0,285
CHR8	2095783	CHR8:2095783	SSF x Near_LoA	-10,312	0,012	0,290
CHR8	2095850	CHR8:2095850	SSF x Near_LoA	-7,846	-0,070	0,282
CHR8	2095851	CHR8:2095851	SSF x Near_LoA	-6,405	0,085	0,280
CHR8	2112487	CHR8:2112487	SSF x Near_LoA	-9,229	0,021	0,301
CHR8	2119129	CHR8:2119129	SSF x Near_LoA	-9,048	-0,030	0,284
CHR8	2127526	CHR8:2127526	SSF x Near_LoA	-9,630	0,056	0,281
CHR8	2127588	CHR8:2127588	SSF x Near_LoA	-5,513	0,188	0,272
CHR8	212759	CHR8:212759	SSF x Near_LoA	-6,720	0,053	0,298
CHR8	2127612	CHR8:2127612	SSF x Near_LoA	-6,316	-0,096	0,288
CHR8	2127780	CHR8:2127780	SSF x Near_LoA	-7,067	-0,116	0,295
CHR8	2133605	CHR8:2133605	SSF x Near_LoA	-8,014	-0,163	0,269
CHR8	2140603	CHR8:2140603	SSF x Near_LoA	-5,792	0,074	0,268
CHR8	2148101	CHR8:2148101	SSF x Near_LoA	-8,274	0,087	0,296
CHR8	2148211	CHR8:2148211	SSF x Near_LoA	-11,030	-0,033	0,287

CHR8	2148214	CHR8:2148214	SSF x Near_LoA	-10,194	-0,027	0,297
CHR8	2152339	CHR8:2152339	SSF x Near_LoA	-10,156	0,030	0,302
CHR8	2158737	CHR8:2158737	SSF x Near_LoA	-10,421	0,054	0,287
CHR8	2158856	CHR8:2158856	SSF x Near_LoA	-10,671	-0,031	0,288
CHR8	2158858	CHR8:2158858	SSF x Near_LoA	-9,820	0,095	0,299
CHR8	2158929	CHR8:2158929	SSF x Near_LoA	-6,213	-0,015	0,310
CHR8	2158933	CHR8:2158933	SSF x Near_LoA	-8,246	-0,014	0,310
CHR8	2177738	CHR8:2177738	SSF x Near_LoA	-7,769	0,024	0,294
CHR8	2177940	CHR8:2177940	SSF x Near_LoA	-6,888	0,019	0,290
CHR8	2184877	CHR8:2184877	SSF x Near_LoA	-9,460	0,077	0,292
CHR8	2184903	CHR8:2184903	SSF x Near_LoA	-7,387	-0,028	0,294
CHR8	2227632	CHR8:2227632	SSF x Near_LoA	-9,974	-0,012	0,295
CHR8	2227748	CHR8:2227748	SSF x Near_LoA	-8,867	0,013	0,298
CHR8	2227789	CHR8:2227789	SSF x Near_LoA	-9,772	0,045	0,285
CHR8	2227872	CHR8:2227872	SSF x Near_LoA	-5,729	-0,221	0,292
CHR8	2233897	CHR8:2233897	SSF x Near_LoA	-6,470	-0,085	0,292
CHR8	2234069	CHR8:2234069	SSF x Near_LoA	-8,437	0,048	0,285
CHR8	2234194	CHR8:2234194	SSF x Near_LoA	-9,383	-0,054	0,282
CHR8	2234211	CHR8:2234211	SSF x Near_LoA	-6,370	-0,046	0,270
CHR8	2234215	CHR8:2234215	SSF x Near_LoA	-7,086	0,139	0,275
CHR8	2250474	CHR8:2250474	SSF x Near_LoA	-7,398	-0,119	0,291
CHR8	2250491	CHR8:2250491	SSF x Near_LoA	-5,997	-0,159	0,268
CHR8	2250522	CHR8:2250522	SSF x Near_LoA	-4,388	-0,165	0,275
CHR8	2250526	CHR8:2250526	SSF x Near_LoA	-5,094	-0,190	0,259
CHR8	2251735	CHR8:2251735	SSF x Near_LoA	-5,799	-0,129	0,295
CHR8	2251975	CHR8:2251975	SSF x Near_LoA	-7,271	0,177	0,286
CHR8	2251986	CHR8:2251986	SSF x Near_LoA	-9,311	0,098	0,278
CHR8	2267799	CHR8:2267799	SSF x Near_LoA	-7,112	-0,145	0,284
CHR8	2285203	CHR8:2285203	SSF x Near_LoA	-1,939	0,069	0,285
CHR8	2314516	CHR8:2314516	SSF x Near_LoA	-9,487	0,044	0,280
CHR8	2314631	CHR8:2314631	SSF x Near_LoA	-7,037	-0,097	0,299
CHR8	2314714	CHR8:2314714	SSF x Near_LoA	-7,880	-0,021	0,286
CHR8	2315142	CHR8:2315142	SSF x Near_LoA	-6,891	0,054	0,294
CHR8	2315152	CHR8:2315152	SSF x Near_LoA	-7,199	0,059	0,299
CHR8	2315181	CHR8:2315181	SSF x Near_LoA	-7,272	0,062	0,288
CHR8	2315298	CHR8:2315298	SSF x Near_LoA	-8,902	-0,139	0,274
CHR8	2315314	CHR8:2315314	SSF x Near_LoA	-7,718	0,085	0,272
CHR8	2315331	CHR8:2315331	SSF x Near_LoA	-7,771	-0,125	0,280
CHR8	2315339	CHR8:2315339	SSF x Near_LoA	-7,873	0,031	0,307
CHR8	2323449	CHR8:2323449	SSF x Near_LoA	-9,961	-0,040	0,283
CHR8	2324778	CHR8:2324778	SSF x Near_LoA	-4,439	0,218	0,284
CHR8	2332284	CHR8:2332284	SSF x Near_LoA	-6,319	-0,059	0,292
CHR8	2332473	CHR8:2332473	SSF x Near_LoA	-9,212	0,029	0,284
CHR8	2338520	CHR8:2338520	SSF x Near_LoA	-10,057	0,079	0,273
CHR8	2343991	CHR8:2343991	SSF x Near_LoA	-1,483	0,150	0,277
CHR8	2344216	CHR8:2344216	SSF x Near_LoA	-8,482	-0,058	0,294
CHR8	2344284	CHR8:2344284	SSF x Near_LoA	-7,932	-0,003	0,289
CHR8	2348959	CHR8:2348959	SSF x Near_LoA	-9,776	-0,037	0,283
CHR8	2349097	CHR8:2349097	SSF x Near_LoA	-10,632	-0,085	0,276
CHR8	2351435	CHR8:2351435	SSF x Near_LoA	-9,421	-0,099	0,287
CHR8	2361439	CHR8:2361439	SSF x Near_LoA	-8,598	0,078	0,286
CHR8	2376803	CHR8:2376803	SSF x Near_LoA	-7,783	0,006	0,304
CHR8	2385895	CHR8:2385895	SSF x Near_LoA	-7,649	-0,099	0,293

CHR8	2389567	CHR8:2389567	SSF x Near_LoA	-8,076	-0,153	0,277
CHR8	2389736	CHR8:2389736	SSF x Near_LoA	-8,545	0,092	0,284
CHR8	2421599	CHR8:2421599	SSF x Near_LoA	-9,276	-0,088	0,280
CHR8	2425263	CHR8:2425263	SSF x Near_LoA	-9,506	0,025	0,284
CHR8	2425461	CHR8:2425461	SSF x Near_LoA	-8,026	-0,061	0,292
CHR8	2425479	CHR8:2425479	SSF x Near_LoA	-7,903	0,132	0,268
CHR8	2429412	CHR8:2429412	SSF x Near_LoA	-8,330	0,073	0,282
CHR8	2429431	CHR8:2429431	SSF x Near_LoA	-8,748	0,103	0,291
CHR8	2429512	CHR8:2429512	SSF x Near_LoA	-5,156	-0,155	0,290
CHR8	2430181	CHR8:2430181	SSF x Near_LoA	-8,898	-0,151	0,280
CHR8	2430187	CHR8:2430187	SSF x Near_LoA	-7,755	-0,078	0,280
CHR8	2430189	CHR8:2430189	SSF x Near_LoA	-7,963	-0,063	0,285
CHR8	2437280	CHR8:2437280	SSF x Near_LoA	-7,366	0,088	0,291
CHR8	2437305	CHR8:2437305	SSF x Near_LoA	-10,011	0,061	0,286
CHR8	2437317	CHR8:2437317	SSF x Near_LoA	-3,427	-0,183	0,286
CHR8	2437341	CHR8:2437341	SSF x Near_LoA	-4,949	-0,166	0,283
CHR8	2437377	CHR8:2437377	SSF x Near_LoA	-6,608	0,110	0,276
CHR8	2437430	CHR8:2437430	SSF x Near_LoA	-8,122	0,115	0,284
CHR8	2437511	CHR8:2437511	SSF x Near_LoA	-8,428	0,039	0,288
CHR8	2437561	CHR8:2437561	SSF x Near_LoA	-7,413	0,089	0,293
CHR8	2437632	CHR8:2437632	SSF x Near_LoA	-8,912	-0,060	0,286
CHR8	244629	CHR8:244629	SSF x Near_LoA	-8,014	0,014	0,284
CHR8	2458056	CHR8:2458056	SSF x Near_LoA	-7,417	0,023	0,303
CHR8	2458063	CHR8:2458063	SSF x Near_LoA	-3,920	0,067	0,280
CHR8	2458161	CHR8:2458161	SSF x Near_LoA	-8,845	-0,001	0,291
CHR8	2458308	CHR8:2458308	SSF x Near_LoA	-7,876	-0,029	0,280
CHR8	2461366	CHR8:2461366	SSF x Near_LoA	-9,496	-0,048	0,298
CHR8	2461384	CHR8:2461384	SSF x Near_LoA	-5,646	0,013	0,299
CHR8	2462601	CHR8:2462601	SSF x Near_LoA	-7,766	-0,130	0,272
CHR8	2462682	CHR8:2462682	SSF x Near_LoA	-2,979	-0,188	0,273
CHR8	2471430	CHR8:2471430	SSF x Near_LoA	-4,991	0,122	0,289
CHR8	2471431	CHR8:2471431	SSF x Near_LoA	-8,451	-0,064	0,295
CHR8	2471443	CHR8:2471443	SSF x Near_LoA	-10,751	0,003	0,280
CHR8	2471458	CHR8:2471458	SSF x Near_LoA	-8,921	-0,005	0,291
CHR8	2501913	CHR8:2501913	SSF x Near_LoA	-9,737	-0,062	0,279
CHR8	2501954	CHR8:2501954	SSF x Near_LoA	-10,647	0,011	0,283
CHR8	2502053	CHR8:2502053	SSF x Near_LoA	-7,434	0,069	0,288
CHR8	2502074	CHR8:2502074	SSF x Near_LoA	-3,824	-0,156	0,297
CHR8	2519987	CHR8:2519987	SSF x Near_LoA	-8,867	-0,080	0,275
CHR8	2541118	CHR8:2541118	SSF x Near_LoA	-9,635	0,103	0,290
CHR8	2541412	CHR8:2541412	SSF x Near_LoA	-7,481	-0,054	0,283
CHR8	2556078	CHR8:2556078	SSF x Near_LoA	-8,488	0,046	0,291
CHR8	2556136	CHR8:2556136	SSF x Near_LoA	-5,817	-0,168	0,287
CHR8	257410	CHR8:257410	SSF x Near_LoA	-8,980	0,026	0,285
CHR8	2591709	CHR8:2591709	SSF x Near_LoA	-8,353	-0,014	0,280
CHR8	2591733	CHR8:2591733	SSF x Near_LoA	-6,923	0,040	0,285
CHR8	2620210	CHR8:2620210	SSF x Near_LoA	-7,726	-0,002	0,286
CHR8	2634156	CHR8:2634156	SSF x Near_LoA	-9,380	0,064	0,285
CHR8	2634199	CHR8:2634199	SSF x Near_LoA	-10,329	-0,028	0,283
CHR8	2634311	CHR8:2634311	SSF x Near_LoA	-7,274	0,117	0,280
CHR8	2634372	CHR8:2634372	SSF x Near_LoA	-6,076	0,107	0,285
CHR8	2636410	CHR8:2636410	SSF x Near_LoA	-8,784	-0,083	0,285
CHR8	2647708	CHR8:2647708	SSF x Near_LoA	-4,876	0,124	0,294

CHR8	2647854	CHR8:2647854	SSF x Near_LoA	-7,452	0,136	0,286
CHR8	2647892	CHR8:2647892	SSF x Near_LoA	-9,304	-0,001	0,294
CHR8	2647913	CHR8:2647913	SSF x Near_LoA	-5,875	-0,135	0,297
CHR8	2666723	CHR8:2666723	SSF x Near_LoA	-6,807	0,079	0,290
CHR8	267234	CHR8:267234	SSF x Near_LoA	-6,756	-0,104	0,288
CHR8	2676586	CHR8:2676586	SSF x Near_LoA	-7,721	-0,015	0,294
CHR8	2692665	CHR8:2692665	SSF x Near_LoA	-8,472	0,196	0,286
CHR8	2692692	CHR8:2692692	SSF x Near_LoA	-10,428	-0,018	0,285
CHR8	2697197	CHR8:2697197	SSF x Near_LoA	-7,090	0,075	0,290
CHR8	2697215	CHR8:2697215	SSF x Near_LoA	-10,111	0,041	0,279
CHR8	2709953	CHR8:2709953	SSF x Near_LoA	-7,177	0,070	0,308
CHR8	2709996	CHR8:2709996	SSF x Near_LoA	-8,916	-0,036	0,287
CHR8	2710296	CHR8:2710296	SSF x Near_LoA	-9,775	-0,061	0,279
CHR8	2718635	CHR8:2718635	SSF x Near_LoA	-8,958	0,144	0,284
CHR8	272235	CHR8:272235	SSF x Near_LoA	-8,290	0,081	0,279
CHR8	2724402	CHR8:2724402	SSF x Near_LoA	-5,102	0,093	0,284
CHR8	2724404	CHR8:2724404	SSF x Near_LoA	-4,189	0,137	0,284
CHR8	2724417	CHR8:2724417	SSF x Near_LoA	-5,318	-0,091	0,284
CHR8	2724453	CHR8:2724453	SSF x Near_LoA	-7,274	0,075	0,292
CHR8	2724523	CHR8:2724523	SSF x Near_LoA	-8,463	0,034	0,287
CHR8	2727210	CHR8:2727210	SSF x Near_LoA	-5,738	0,156	0,273
CHR8	2727222	CHR8:2727222	SSF x Near_LoA	-8,948	-0,119	0,283
CHR8	2731738	CHR8:2731738	SSF x Near_LoA	-8,551	-0,066	0,265
CHR8	2731873	CHR8:2731873	SSF x Near_LoA	0,715	0,168	0,277
CHR8	2731874	CHR8:2731874	SSF x Near_LoA	-6,868	0,126	0,293
CHR8	2731897	CHR8:2731897	SSF x Near_LoA	-7,980	0,080	0,293
CHR8	2731956	CHR8:2731956	SSF x Near_LoA	-8,013	-0,053	0,300
CHR8	2734042	CHR8:2734042	SSF x Near_LoA	-8,805	-0,085	0,278
CHR8	2734079	CHR8:2734079	SSF x Near_LoA	-7,181	-0,064	0,292
CHR8	2734087	CHR8:2734087	SSF x Near_LoA	-9,089	0,012	0,291
CHR8	2734176	CHR8:2734176	SSF x Near_LoA	-7,157	0,075	0,254
CHR8	2734208	CHR8:2734208	SSF x Near_LoA	-8,386	0,101	0,264
CHR8	2734224	CHR8:2734224	SSF x Near_LoA	-9,930	-0,121	0,284
CHR8	2734226	CHR8:2734226	SSF x Near_LoA	-8,014	-0,037	0,286
CHR8	2740101	CHR8:2740101	SSF x Near_LoA	-6,994	0,093	0,270
CHR8	2740114	CHR8:2740114	SSF x Near_LoA	-10,098	0,001	0,298
CHR8	2740149	CHR8:2740149	SSF x Near_LoA	-7,325	0,003	0,285
CHR8	2740164	CHR8:2740164	SSF x Near_LoA	-5,131	0,069	0,272
CHR8	2741545	CHR8:2741545	SSF x Near_LoA	-7,323	-0,038	0,270
CHR8	2741564	CHR8:2741564	SSF x Near_LoA	-10,033	-0,070	0,292
CHR8	2741612	CHR8:2741612	SSF x Near_LoA	-4,471	-0,094	0,288
CHR8	2741748	CHR8:2741748	SSF x Near_LoA	-7,668	-0,151	0,295
CHR8	2741764	CHR8:2741764	SSF x Near_LoA	-2,686	0,080	0,297
CHR8	2750836	CHR8:2750836	SSF x Near_LoA	-5,223	-0,273	0,273
CHR8	2750850	CHR8:2750850	SSF x Near_LoA	-6,781	-0,258	0,268
CHR8	2750855	CHR8:2750855	SSF x Near_LoA	-3,304	-0,286	0,277
CHR8	2750858	CHR8:2750858	SSF x Near_LoA	-2,630	0,187	0,265
CHR8	2750917	CHR8:2750917	SSF x Near_LoA	-7,225	0,038	0,273
CHR8	2752475	CHR8:2752475	SSF x Near_LoA	-9,736	0,021	0,290
CHR8	2752520	CHR8:2752520	SSF x Near_LoA	-8,636	0,081	0,287
CHR8	2759700	CHR8:2759700	SSF x Near_LoA	-8,313	-0,043	0,276
CHR8	2759703	CHR8:2759703	SSF x Near_LoA	-8,280	-0,041	0,275
CHR8	2759750	CHR8:2759750	SSF x Near_LoA	-10,410	0,133	0,280

CHR8	2759770	CHR8:2759770	SSF x Near_LoA	-8,806	-0,062	0,287
CHR8	2759784	CHR8:2759784	SSF x Near_LoA	-6,637	-0,101	0,285
CHR8	2759855	CHR8:2759855	SSF x Near_LoA	-5,161	0,217	0,275
CHR8	2765388	CHR8:2765388	SSF x Near_LoA	-9,842	0,086	0,283
CHR8	2765418	CHR8:2765418	SSF x Near_LoA	-7,796	0,160	0,283
CHR8	2765445	CHR8:2765445	SSF x Near_LoA	-7,408	-0,113	0,284
CHR8	2765482	CHR8:2765482	SSF x Near_LoA	-8,535	0,170	0,275
CHR8	2765509	CHR8:2765509	SSF x Near_LoA	-8,856	0,083	0,276
CHR8	2765529	CHR8:2765529	SSF x Near_LoA	-6,468	0,152	0,289
CHR8	2765645	CHR8:2765645	SSF x Near_LoA	-10,914	0,026	0,280
CHR8	2770557	CHR8:2770557	SSF x Near_LoA	-7,610	0,011	0,295
CHR8	277955	CHR8:277955	SSF x Near_LoA	-9,993	0,052	0,280
CHR8	277998	CHR8:277998	SSF x Near_LoA	-8,848	-0,033	0,300
CHR8	2797389	CHR8:2797389	SSF x Near_LoA	-8,758	-0,040	0,276
CHR8	2797595	CHR8:2797595	SSF x Near_LoA	-9,451	0,115	0,273
CHR8	2799024	CHR8:2799024	SSF x Near_LoA	-10,225	-0,027	0,281
CHR8	2799030	CHR8:2799030	SSF x Near_LoA	-9,553	0,051	0,290
CHR8	2810021	CHR8:2810021	SSF x Near_LoA	-8,918	-0,086	0,282
CHR8	2810173	CHR8:2810173	SSF x Near_LoA	-10,302	-0,031	0,275
CHR8	2810181	CHR8:2810181	SSF x Near_LoA	-10,089	0,016	0,283
CHR8	2810412	CHR8:2810412	SSF x Near_LoA	-2,746	-0,116	0,310
CHR8	2810438	CHR8:2810438	SSF x Near_LoA	-9,255	-0,018	0,299
CHR8	2810447	CHR8:2810447	SSF x Near_LoA	-8,197	-0,117	0,284
CHR8	2810456	CHR8:2810456	SSF x Near_LoA	-7,839	-0,085	0,292
CHR8	2810472	CHR8:2810472	SSF x Near_LoA	-8,797	0,075	0,285
CHR8	2835651	CHR8:2835651	SSF x Near_LoA	-7,716	0,074	0,289
CHR8	2835752	CHR8:2835752	SSF x Near_LoA	-8,496	-0,085	0,294
CHR8	2835821	CHR8:2835821	SSF x Near_LoA	-6,331	-0,152	0,275
CHR8	2835862	CHR8:2835862	SSF x Near_LoA	-9,392	-0,002	0,282
CHR8	2842129	CHR8:2842129	SSF x Near_LoA	-8,081	-0,119	0,272
CHR8	2842188	CHR8:2842188	SSF x Near_LoA	-8,246	0,087	0,289
CHR8	2842194	CHR8:2842194	SSF x Near_LoA	-8,561	0,067	0,297
CHR8	2842249	CHR8:2842249	SSF x Near_LoA	-6,453	-0,089	0,311
CHR8	2842257	CHR8:2842257	SSF x Near_LoA	-6,958	-0,071	0,292
CHR8	2842366	CHR8:2842366	SSF x Near_LoA	-10,038	-0,026	0,286
CHR8	2843317	CHR8:2843317	SSF x Near_LoA	-10,782	0,021	0,284
CHR8	2843368	CHR8:2843368	SSF x Near_LoA	-3,765	0,053	0,296
CHR8	2843438	CHR8:2843438	SSF x Near_LoA	-6,798	-0,007	0,293
CHR8	2843473	CHR8:2843473	SSF x Near_LoA	-8,735	-0,026	0,287
CHR8	2855466	CHR8:2855466	SSF x Near_LoA	-10,161	-0,136	0,272
CHR8	2863200	CHR8:2863200	SSF x Near_LoA	-7,642	0,069	0,299
CHR8	2863348	CHR8:2863348	SSF x Near_LoA	-7,765	0,057	0,277
CHR8	287485	CHR8:287485	SSF x Near_LoA	-8,526	-0,064	0,291
CHR8	2875310	CHR8:2875310	SSF x Near_LoA	-7,445	-0,123	0,299
CHR8	2875340	CHR8:2875340	SSF x Near_LoA	-7,731	-0,061	0,284
CHR8	2875343	CHR8:2875343	SSF x Near_LoA	-5,824	-0,129	0,292
CHR8	2875393	CHR8:2875393	SSF x Near_LoA	-7,732	-0,092	0,288
CHR8	2875421	CHR8:2875421	SSF x Near_LoA	-5,379	0,200	0,253
CHR8	287545	CHR8:287545	SSF x Near_LoA	-7,058	0,190	0,274
CHR8	287647	CHR8:287647	SSF x Near_LoA	-8,836	0,040	0,272
CHR8	2879351	CHR8:2879351	SSF x Near_LoA	-8,093	-0,009	0,287
CHR8	2879524	CHR8:2879524	SSF x Near_LoA	-9,359	0,005	0,300
CHR8	2879528	CHR8:2879528	SSF x Near_LoA	-6,365	0,158	0,276

CHR8	2879532	CHR8:2879532	SSF x Near_LoA	-1,916	0,163	0,281
CHR8	2880488	CHR8:2880488	SSF x Near_LoA	-7,987	-0,065	0,283
CHR8	2880492	CHR8:2880492	SSF x Near_LoA	-7,744	-0,053	0,281
CHR8	2880563	CHR8:2880563	SSF x Near_LoA	-7,676	0,030	0,282
CHR8	289445	CHR8:289445	SSF x Near_LoA	-10,629	-0,017	0,282
CHR8	2898720	CHR8:2898720	SSF x Near_LoA	-4,181	0,179	0,274
CHR8	2924766	CHR8:2924766	SSF x Near_LoA	-8,968	0,026	0,290
CHR8	2924907	CHR8:2924907	SSF x Near_LoA	-7,717	-0,040	0,289
CHR8	2941467	CHR8:2941467	SSF x Near_LoA	-8,076	-0,127	0,281
CHR8	295196	CHR8:295196	SSF x Near_LoA	-5,558	0,216	0,279
CHR8	295385	CHR8:295385	SSF x Near_LoA	-8,715	-0,020	0,282
CHR8	295434	CHR8:295434	SSF x Near_LoA	-8,803	0,121	0,281
CHR8	2968798	CHR8:2968798	SSF x Near_LoA	-7,175	0,051	0,287
CHR8	2968859	CHR8:2968859	SSF x Near_LoA	-8,534	0,060	0,278
CHR8	2968868	CHR8:2968868	SSF x Near_LoA	-5,378	-0,015	0,288
CHR8	2993846	CHR8:2993846	SSF x Near_LoA	-9,382	-0,056	0,284
CHR8	3017653	CHR8:3017653	SSF x Near_LoA	-4,115	0,163	0,278
CHR8	3030529	CHR8:3030529	SSF x Near_LoA	-7,783	-0,003	0,291
CHR8	3030537	CHR8:3030537	SSF x Near_LoA	-8,900	0,118	0,290
CHR8	3046387	CHR8:3046387	SSF x Near_LoA	-7,298	0,142	0,287
CHR8	3046421	CHR8:3046421	SSF x Near_LoA	-10,073	-0,086	0,283
CHR8	3051362	CHR8:3051362	SSF x Near_LoA	-10,345	-0,021	0,293
CHR8	3051652	CHR8:3051652	SSF x Near_LoA	-10,360	-0,046	0,273
CHR8	3051686	CHR8:3051686	SSF x Near_LoA	-5,749	-0,103	0,282
CHR8	3101722	CHR8:3101722	SSF x Near_LoA	-8,006	0,066	0,296
CHR8	3101745	CHR8:3101745	SSF x Near_LoA	-6,095	0,047	0,294
CHR8	3101838	CHR8:3101838	SSF x Near_LoA	-8,102	0,052	0,292
CHR8	3101891	CHR8:3101891	SSF x Near_LoA	1,129	-0,094	0,297
CHR8	3101950	CHR8:3101950	SSF x Near_LoA	-9,899	0,001	0,289
CHR8	3110885	CHR8:3110885	SSF x Near_LoA	-9,206	0,028	0,289
CHR8	3131847	CHR8:3131847	SSF x Near_LoA	-8,451	0,005	0,260
CHR8	313197	CHR8:313197	SSF x Near_LoA	-8,965	-0,036	0,277
CHR8	3131971	CHR8:3131971	SSF x Near_LoA	-6,471	0,022	0,275
CHR8	3132098	CHR8:3132098	SSF x Near_LoA	-8,036	0,099	0,265
CHR8	3132114	CHR8:3132114	SSF x Near_LoA	-6,089	-0,003	0,293
CHR8	313393	CHR8:313393	SSF x Near_LoA	-7,170	0,021	0,283
CHR8	318266	CHR8:318266	SSF x Near_LoA	-6,618	-0,162	0,282
CHR8	3197062	CHR8:3197062	SSF x Near_LoA	-8,811	-0,089	0,272
CHR8	3202105	CHR8:3202105	SSF x Near_LoA	-0,147	-0,227	0,271
CHR8	3202107	CHR8:3202107	SSF x Near_LoA	-8,094	0,072	0,301
CHR8	3202268	CHR8:3202268	SSF x Near_LoA	-7,466	0,032	0,299
CHR8	3205234	CHR8:3205234	SSF x Near_LoA	-6,987	0,057	0,290
CHR8	3205342	CHR8:3205342	SSF x Near_LoA	-9,455	-0,086	0,267
CHR8	3205353	CHR8:3205353	SSF x Near_LoA	-6,264	0,090	0,291
CHR8	3216739	CHR8:3216739	SSF x Near_LoA	-9,239	-0,067	0,278
CHR8	3220116	CHR8:3220116	SSF x Near_LoA	-7,779	-0,083	0,285
CHR8	3221000	CHR8:3221000	SSF x Near_LoA	-5,671	0,149	0,275
CHR8	3223046	CHR8:3223046	SSF x Near_LoA	-5,456	-0,114	0,290
CHR8	3223058	CHR8:3223058	SSF x Near_LoA	-9,326	-0,085	0,283
CHR8	3224051	CHR8:3224051	SSF x Near_LoA	-7,760	-0,047	0,287
CHR8	3224105	CHR8:3224105	SSF x Near_LoA	-7,526	-0,101	0,284
CHR8	3238418	CHR8:3238418	SSF x Near_LoA	-8,682	-0,013	0,287
CHR8	3238427	CHR8:3238427	SSF x Near_LoA	-6,603	-0,144	0,280

CHR8	3267976	CHR8:3267976	SSF x Near_LoA	12,862	-0,202	0,274
CHR8	3268095	CHR8:3268095	SSF x Near_LoA	-4,068	-0,184	0,296
CHR8	3268103	CHR8:3268103	SSF x Near_LoA	-2,288	-0,181	0,291
CHR8	3268129	CHR8:3268129	SSF x Near_LoA	0,551	-0,181	0,291
CHR8	3268181	CHR8:3268181	SSF x Near_LoA	-8,532	0,147	0,268
CHR8	327899	CHR8:327899	SSF x Near_LoA	-5,355	-0,019	0,296
CHR8	3280827	CHR8:3280827	SSF x Near_LoA	-7,938	-0,016	0,295
CHR8	3280828	CHR8:3280828	SSF x Near_LoA	-5,471	-0,036	0,287
CHR8	3280894	CHR8:3280894	SSF x Near_LoA	-6,940	0,035	0,293
CHR8	3280895	CHR8:3280895	SSF x Near_LoA	-4,083	-0,110	0,270
CHR8	3280905	CHR8:3280905	SSF x Near_LoA	-9,390	-0,077	0,277
CHR8	3281075	CHR8:3281075	SSF x Near_LoA	-4,718	-0,205	0,265
CHR8	3281081	CHR8:3281081	SSF x Near_LoA	-6,320	-0,078	0,273
CHR8	3282132	CHR8:3282132	SSF x Near_LoA	-8,188	0,079	0,283
CHR8	3294534	CHR8:3294534	SSF x Near_LoA	-8,826	0,041	0,300
CHR8	3294557	CHR8:3294557	SSF x Near_LoA	-8,556	0,071	0,301
CHR8	3294563	CHR8:3294563	SSF x Near_LoA	-6,686	-0,154	0,273
CHR8	3294867	CHR8:3294867	SSF x Near_LoA	-5,719	0,084	0,271
CHR8	3327961	CHR8:3327961	SSF x Near_LoA	-8,077	0,096	0,286
CHR8	3327998	CHR8:3327998	SSF x Near_LoA	-8,651	0,007	0,277
CHR8	3327999	CHR8:3327999	SSF x Near_LoA	-9,486	0,043	0,272
CHR8	3328002	CHR8:3328002	SSF x Near_LoA	-8,064	0,140	0,266
CHR8	3328005	CHR8:3328005	SSF x Near_LoA	-10,518	0,098	0,287
CHR8	3328033	CHR8:3328033	SSF x Near_LoA	-7,985	0,181	0,271
CHR8	3328067	CHR8:3328067	SSF x Near_LoA	-7,039	-0,139	0,286
CHR8	3328097	CHR8:3328097	SSF x Near_LoA	-7,902	0,032	0,299
CHR8	3328121	CHR8:3328121	SSF x Near_LoA	-7,958	-0,043	0,282
CHR8	3328231	CHR8:3328231	SSF x Near_LoA	-8,418	0,022	0,276
CHR8	3353230	CHR8:3353230	SSF x Near_LoA	-4,236	-0,208	0,260
CHR8	335393	CHR8:335393	SSF x Near_LoA	-7,696	-0,012	0,293
CHR8	3354673	CHR8:3354673	SSF x Near_LoA	-9,864	-0,040	0,281
CHR8	3354680	CHR8:3354680	SSF x Near_LoA	-7,110	-0,103	0,274
CHR8	3354797	CHR8:3354797	SSF x Near_LoA	-8,743	-0,087	0,285
CHR8	3354814	CHR8:3354814	SSF x Near_LoA	-9,251	0,103	0,278
CHR8	3354850	CHR8:3354850	SSF x Near_LoA	-10,714	-0,007	0,276
CHR8	3354853	CHR8:3354853	SSF x Near_LoA	-8,189	-0,043	0,283
CHR8	3359016	CHR8:3359016	SSF x Near_LoA	-7,504	0,027	0,282
CHR8	3359036	CHR8:3359036	SSF x Near_LoA	-6,590	-0,147	0,295
CHR8	3359068	CHR8:3359068	SSF x Near_LoA	-3,893	0,158	0,285
CHR8	3359087	CHR8:3359087	SSF x Near_LoA	-6,670	0,081	0,278
CHR8	3359214	CHR8:3359214	SSF x Near_LoA	-8,352	-0,064	0,286
CHR8	3388799	CHR8:3388799	SSF x Near_LoA	-6,827	0,064	0,291
CHR8	3393865	CHR8:3393865	SSF x Near_LoA	-10,066	-0,019	0,289
CHR8	3394028	CHR8:3394028	SSF x Near_LoA	-6,029	0,074	0,282
CHR8	3395644	CHR8:3395644	SSF x Near_LoA	-9,738	0,126	0,276
CHR8	3399062	CHR8:3399062	SSF x Near_LoA	-8,295	0,014	0,280
CHR8	3418763	CHR8:3418763	SSF x Near_LoA	-10,224	0,038	0,274
CHR8	3418845	CHR8:3418845	SSF x Near_LoA	-10,014	-0,007	0,284
CHR8	3418846	CHR8:3418846	SSF x Near_LoA	-8,921	0,031	0,291
CHR8	3425893	CHR8:3425893	SSF x Near_LoA	2,100	0,132	0,288
CHR8	3425960	CHR8:3425960	SSF x Near_LoA	-4,418	-0,061	0,288
CHR8	3425961	CHR8:3425961	SSF x Near_LoA	-8,666	0,053	0,286
CHR8	3425965	CHR8:3425965	SSF x Near_LoA	-7,013	-0,066	0,292

CHR8	3439378	CHR8:3439378	SSF x Near_LoA	-7,272	-0,004	0,283
CHR8	3439528	CHR8:3439528	SSF x Near_LoA	-7,574	0,077	0,285
CHR8	346147	CHR8:346147	SSF x Near_LoA	-6,700	-0,042	0,298
CHR8	346161	CHR8:346161	SSF x Near_LoA	-8,941	-0,118	0,294
CHR8	347168	CHR8:347168	SSF x Near_LoA	-9,040	-0,110	0,292
CHR8	3483803	CHR8:3483803	SSF x Near_LoA	-7,909	0,117	0,280
CHR8	3483860	CHR8:3483860	SSF x Near_LoA	-8,656	0,044	0,278
CHR8	3484290	CHR8:3484290	SSF x Near_LoA	-5,409	0,123	0,284
CHR8	3493174	CHR8:3493174	SSF x Near_LoA	-3,688	0,151	0,274
CHR8	3493230	CHR8:3493230	SSF x Near_LoA	-8,029	-0,103	0,282
CHR8	3514293	CHR8:3514293	SSF x Near_LoA	-7,543	-0,096	0,294
CHR8	3514443	CHR8:3514443	SSF x Near_LoA	-9,812	0,074	0,286
CHR8	3514528	CHR8:3514528	SSF x Near_LoA	-4,749	-0,199	0,285
CHR8	3514560	CHR8:3514560	SSF x Near_LoA	-5,590	0,003	0,288
CHR8	3514572	CHR8:3514572	SSF x Near_LoA	-10,396	0,006	0,283
CHR8	3514682	CHR8:3514682	SSF x Near_LoA	-7,937	-0,122	0,288
CHR8	3520297	CHR8:3520297	SSF x Near_LoA	-8,420	-0,004	0,295
CHR8	3522687	CHR8:3522687	SSF x Near_LoA	-7,025	-0,084	0,284
CHR8	3522726	CHR8:3522726	SSF x Near_LoA	-8,344	-0,015	0,286
CHR8	3522764	CHR8:3522764	SSF x Near_LoA	-7,851	-0,150	0,296
CHR8	3526218	CHR8:3526218	SSF x Near_LoA	-7,233	0,045	0,290
CHR8	3526345	CHR8:3526345	SSF x Near_LoA	-9,138	0,021	0,277
CHR8	354008	CHR8:354008	SSF x Near_LoA	-6,488	0,094	0,299
CHR8	354015	CHR8:354015	SSF x Near_LoA	-7,526	-0,023	0,280
CHR8	354037	CHR8:354037	SSF x Near_LoA	-8,162	0,021	0,290
CHR8	354107	CHR8:354107	SSF x Near_LoA	-6,796	-0,053	0,282
CHR8	3543997	CHR8:3543997	SSF x Near_LoA	-9,721	-0,087	0,285
CHR8	3551423	CHR8:3551423	SSF x Near_LoA	-7,368	0,161	0,273
CHR8	3551439	CHR8:3551439	SSF x Near_LoA	-10,396	-0,013	0,279
CHR8	3551456	CHR8:3551456	SSF x Near_LoA	-6,467	0,131	0,266
CHR8	3551619	CHR8:3551619	SSF x Near_LoA	-10,726	-0,009	0,283
CHR8	3551656	CHR8:3551656	SSF x Near_LoA	-2,888	-0,135	0,278
CHR8	3553661	CHR8:3553661	SSF x Near_LoA	-8,834	-0,151	0,269
CHR8	3553768	CHR8:3553768	SSF x Near_LoA	-4,386	0,152	0,288
CHR8	3553816	CHR8:3553816	SSF x Near_LoA	-1,303	-0,156	0,289
CHR8	3553838	CHR8:3553838	SSF x Near_LoA	-4,696	0,020	0,311
CHR8	3561405	CHR8:3561405	SSF x Near_LoA	-8,184	-0,108	0,272
CHR8	3561481	CHR8:3561481	SSF x Near_LoA	-8,683	-0,098	0,271
CHR8	3561572	CHR8:3561572	SSF x Near_LoA	-8,470	-0,155	0,277
CHR8	3561622	CHR8:3561622	SSF x Near_LoA	-7,018	0,073	0,288
CHR8	3563634	CHR8:3563634	SSF x Near_LoA	-5,921	0,106	0,287
CHR8	3563810	CHR8:3563810	SSF x Near_LoA	-8,778	-0,036	0,292
CHR8	3563845	CHR8:3563845	SSF x Near_LoA	-6,980	0,011	0,294
CHR8	3565155	CHR8:3565155	SSF x Near_LoA	-6,008	0,074	0,301
CHR8	3565164	CHR8:3565164	SSF x Near_LoA	-2,029	0,048	0,283
CHR8	3565253	CHR8:3565253	SSF x Near_LoA	-6,337	-0,018	0,295
CHR8	3565329	CHR8:3565329	SSF x Near_LoA	-6,752	-0,002	0,281
CHR8	3565338	CHR8:3565338	SSF x Near_LoA	-7,164	0,110	0,275
CHR8	3573553	CHR8:3573553	SSF x Near_LoA	-8,303	0,069	0,276
CHR8	3573871	CHR8:3573871	SSF x Near_LoA	-8,697	-0,026	0,301
CHR8	3605340	CHR8:3605340	SSF x Near_LoA	-6,287	-0,204	0,277
CHR8	3610922	CHR8:3610922	SSF x Near_LoA	-7,740	-0,139	0,270
CHR8	364052	CHR8:364052	SSF x Near_LoA	-7,393	-0,026	0,280

CHR8	3688106	CHR8:3688106	SSF x Near_LoA	-6,457	-0,068	0,283
CHR8	3688152	CHR8:3688152	SSF x Near_LoA	-8,278	-0,044	0,290
CHR8	3744438	CHR8:3744438	SSF x Near_LoA	-6,495	0,107	0,281
CHR8	3744463	CHR8:3744463	SSF x Near_LoA	-6,433	-0,079	0,297
CHR8	3744593	CHR8:3744593	SSF x Near_LoA	-6,328	-0,060	0,279
CHR8	375740	CHR8:375740	SSF x Near_LoA	-6,323	0,046	0,282
CHR8	375741	CHR8:375741	SSF x Near_LoA	-5,338	-0,155	0,290
CHR8	375999	CHR8:375999	SSF x Near_LoA	-8,886	-0,087	0,289
CHR8	376076	CHR8:376076	SSF x Near_LoA	-9,144	-0,044	0,280
CHR8	376093	CHR8:376093	SSF x Near_LoA	-9,151	-0,014	0,279
CHR8	3770636	CHR8:3770636	SSF x Near_LoA	-5,405	0,098	0,285
CHR8	3770765	CHR8:3770765	SSF x Near_LoA	-5,515	0,052	0,297
CHR8	3770822	CHR8:3770822	SSF x Near_LoA	-7,115	-0,108	0,292
CHR8	3774766	CHR8:3774766	SSF x Near_LoA	-5,644	0,167	0,294
CHR8	3774804	CHR8:3774804	SSF x Near_LoA	-6,460	0,089	0,289
CHR8	3774816	CHR8:3774816	SSF x Near_LoA	-8,094	-0,023	0,288
CHR8	3774838	CHR8:3774838	SSF x Near_LoA	-9,080	-0,014	0,288
CHR8	3793385	CHR8:3793385	SSF x Near_LoA	-9,233	0,005	0,297
CHR8	3793397	CHR8:3793397	SSF x Near_LoA	-7,840	0,033	0,280
CHR8	3800361	CHR8:3800361	SSF x Near_LoA	-7,095	-0,144	0,268
CHR8	3800437	CHR8:3800437	SSF x Near_LoA	-5,851	-0,175	0,284
CHR8	3800438	CHR8:3800438	SSF x Near_LoA	-10,222	-0,012	0,302
CHR8	3800439	CHR8:3800439	SSF x Near_LoA	-10,204	-0,017	0,280
CHR8	3800559	CHR8:3800559	SSF x Near_LoA	-8,748	0,006	0,292
CHR8	3800580	CHR8:3800580	SSF x Near_LoA	-9,151	-0,002	0,294
CHR8	3804020	CHR8:3804020	SSF x Near_LoA	-6,164	0,071	0,279
CHR8	3810538	CHR8:3810538	SSF x Near_LoA	-7,807	0,032	0,291
CHR8	3810597	CHR8:3810597	SSF x Near_LoA	-8,540	-0,074	0,287
CHR8	3810665	CHR8:3810665	SSF x Near_LoA	-8,696	0,125	0,272
CHR8	3815256	CHR8:3815256	SSF x Near_LoA	-8,154	-0,016	0,280
CHR8	3815260	CHR8:3815260	SSF x Near_LoA	-4,378	-0,095	0,294
CHR8	3815336	CHR8:3815336	SSF x Near_LoA	-5,331	-0,208	0,277
CHR8	3815347	CHR8:3815347	SSF x Near_LoA	-5,555	-0,201	0,286
CHR8	3815427	CHR8:3815427	SSF x Near_LoA	-7,010	0,148	0,291
CHR8	3815474	CHR8:3815474	SSF x Near_LoA	-7,259	0,085	0,292
CHR8	3815553	CHR8:3815553	SSF x Near_LoA	-8,883	0,114	0,286
CHR8	3820566	CHR8:3820566	SSF x Near_LoA	-7,825	-0,002	0,287
CHR8	3820599	CHR8:3820599	SSF x Near_LoA	-7,573	0,109	0,292
CHR8	3820608	CHR8:3820608	SSF x Near_LoA	-8,394	0,138	0,278
CHR8	3820639	CHR8:3820639	SSF x Near_LoA	-10,367	0,055	0,282
CHR8	3820705	CHR8:3820705	SSF x Near_LoA	-3,304	0,142	0,289
CHR8	3820786	CHR8:3820786	SSF x Near_LoA	-7,608	-0,075	0,287
CHR8	3831173	CHR8:3831173	SSF x Near_LoA	-7,579	0,051	0,299
CHR8	3831184	CHR8:3831184	SSF x Near_LoA	-8,763	-0,012	0,295
CHR8	3831414	CHR8:3831414	SSF x Near_LoA	-9,431	0,025	0,279
CHR8	3837220	CHR8:3837220	SSF x Near_LoA	-9,310	0,040	0,270
CHR8	3842872	CHR8:3842872	SSF x Near_LoA	-7,202	0,017	0,287
CHR8	3842878	CHR8:3842878	SSF x Near_LoA	-9,942	0,017	0,274
CHR8	3842889	CHR8:3842889	SSF x Near_LoA	-8,026	-0,008	0,275
CHR8	3842965	CHR8:3842965	SSF x Near_LoA	-8,196	0,001	0,286
CHR8	3858389	CHR8:3858389	SSF x Near_LoA	-8,204	-0,117	0,277
CHR8	3858499	CHR8:3858499	SSF x Near_LoA	-9,776	-0,109	0,279
CHR8	3858522	CHR8:3858522	SSF x Near_LoA	-7,615	0,081	0,296

CHR8	3858566	CHR8:3858566	SSF x Near_LoA	-4,708	-0,167	0,276
CHR8	3860981	CHR8:3860981	SSF x Near_LoA	-4,563	0,020	0,300
CHR8	3861159	CHR8:3861159	SSF x Near_LoA	-8,852	0,104	0,289
CHR8	3871768	CHR8:3871768	SSF x Near_LoA	-5,371	-0,203	0,276
CHR8	3871802	CHR8:3871802	SSF x Near_LoA	-9,659	-0,072	0,275
CHR8	3871829	CHR8:3871829	SSF x Near_LoA	-8,667	0,100	0,282
CHR8	3871910	CHR8:3871910	SSF x Near_LoA	-6,686	-0,124	0,278
CHR8	3871935	CHR8:3871935	SSF x Near_LoA	2,993	0,212	0,271
CHR8	3872093	CHR8:3872093	SSF x Near_LoA	-5,253	-0,115	0,279
CHR8	3872199	CHR8:3872199	SSF x Near_LoA	-7,654	0,108	0,294
CHR8	3872227	CHR8:3872227	SSF x Near_LoA	-6,496	-0,142	0,276
CHR8	3872250	CHR8:3872250	SSF x Near_LoA	-7,709	0,016	0,286
CHR8	3880795	CHR8:3880795	SSF x Near_LoA	-7,380	0,023	0,295
CHR8	3894022	CHR8:3894022	SSF x Near_LoA	-6,523	0,061	0,306
CHR8	3899734	CHR8:3899734	SSF x Near_LoA	-10,330	0,064	0,291
CHR8	3908466	CHR8:3908466	SSF x Near_LoA	-7,783	0,022	0,298
CHR8	3908504	CHR8:3908504	SSF x Near_LoA	-6,493	-0,019	0,303
CHR8	3908551	CHR8:3908551	SSF x Near_LoA	-8,148	-0,038	0,275
CHR8	3908561	CHR8:3908561	SSF x Near_LoA	-4,156	-0,161	0,275
CHR8	3923570	CHR8:3923570	SSF x Near_LoA	-9,725	-0,002	0,282
CHR8	3938057	CHR8:3938057	SSF x Near_LoA	-11,074	0,071	0,279
CHR8	3938085	CHR8:3938085	SSF x Near_LoA	-8,345	0,090	0,284
CHR8	3938111	CHR8:3938111	SSF x Near_LoA	-5,333	-0,161	0,280
CHR8	3938169	CHR8:3938169	SSF x Near_LoA	-6,910	0,099	0,283
CHR8	3939908	CHR8:3939908	SSF x Near_LoA	-10,402	-0,017	0,292
CHR8	3939941	CHR8:3939941	SSF x Near_LoA	0,899	0,071	0,286
CHR8	3939961	CHR8:3939961	SSF x Near_LoA	-4,679	-0,135	0,277
CHR8	3939982	CHR8:3939982	SSF x Near_LoA	-9,208	0,049	0,288
CHR8	3939998	CHR8:3939998	SSF x Near_LoA	-6,385	-0,159	0,280
CHR8	3940059	CHR8:3940059	SSF x Near_LoA	-7,649	0,000	0,281
CHR8	3948115	CHR8:3948115	SSF x Near_LoA	-10,753	0,079	0,294
CHR8	3948174	CHR8:3948174	SSF x Near_LoA	-7,696	-0,066	0,293
CHR8	3948183	CHR8:3948183	SSF x Near_LoA	-8,151	-0,003	0,298
CHR8	3948184	CHR8:3948184	SSF x Near_LoA	-7,859	-0,039	0,294
CHR8	3948228	CHR8:3948228	SSF x Near_LoA	-9,551	0,058	0,283
CHR8	3966830	CHR8:3966830	SSF x Near_LoA	-8,020	0,043	0,267
CHR8	3966850	CHR8:3966850	SSF x Near_LoA	-10,080	0,082	0,298
CHR8	3966955	CHR8:3966955	SSF x Near_LoA	-8,378	0,005	0,282
CHR8	3969988	CHR8:3969988	SSF x Near_LoA	-6,970	0,019	0,298
CHR8	3970030	CHR8:3970030	SSF x Near_LoA	-7,806	-0,052	0,286
CHR8	3970154	CHR8:3970154	SSF x Near_LoA	-8,147	0,168	0,293
CHR8	3970164	CHR8:3970164	SSF x Near_LoA	-4,448	0,155	0,285
CHR8	3970174	CHR8:3970174	SSF x Near_LoA	-6,951	0,097	0,271
CHR8	3970203	CHR8:3970203	SSF x Near_LoA	-8,279	0,015	0,288
CHR8	3970295	CHR8:3970295	SSF x Near_LoA	-10,782	0,029	0,299
CHR8	3970458	CHR8:3970458	SSF x Near_LoA	-10,122	-0,022	0,280
CHR8	3975728	CHR8:3975728	SSF x Near_LoA	-7,408	0,044	0,282
CHR8	3976000	CHR8:3976000	SSF x Near_LoA	-8,818	-0,141	0,269
CHR8	3977094	CHR8:3977094	SSF x Near_LoA	0,018	0,158	0,278
CHR8	3977162	CHR8:3977162	SSF x Near_LoA	-8,600	-0,043	0,281
CHR8	3977176	CHR8:3977176	SSF x Near_LoA	-10,148	-0,054	0,283
CHR8	3977335	CHR8:3977335	SSF x Near_LoA	-5,270	-0,088	0,292
CHR8	3977336	CHR8:3977336	SSF x Near_LoA	-7,669	-0,102	0,280

CHR8	4009871	CHR8:4009871	SSF x Near_LoA	-7,430	-0,122	0,287
CHR8	4009931	CHR8:4009931	SSF x Near_LoA	-6,312	0,139	0,264
CHR8	4012093	CHR8:4012093	SSF x Near_LoA	-9,060	-0,108	0,296
CHR8	4012185	CHR8:4012185	SSF x Near_LoA	-8,606	0,001	0,287
CHR8	4012236	CHR8:4012236	SSF x Near_LoA	-9,417	0,003	0,274
CHR8	4015164	CHR8:4015164	SSF x Near_LoA	-10,557	0,089	0,272
CHR8	4047675	CHR8:4047675	SSF x Near_LoA	-9,085	0,085	0,277
CHR8	4047766	CHR8:4047766	SSF x Near_LoA	-9,555	0,002	0,279
CHR8	4047794	CHR8:4047794	SSF x Near_LoA	-7,601	-0,193	0,271
CHR8	4048830	CHR8:4048830	SSF x Near_LoA	-9,756	0,046	0,300
CHR8	4052966	CHR8:4052966	SSF x Near_LoA	-8,206	0,126	0,294
CHR8	4053164	CHR8:4053164	SSF x Near_LoA	-9,940	0,080	0,274
CHR8	4054981	CHR8:4054981	SSF x Near_LoA	-2,742	0,200	0,275
CHR8	4055054	CHR8:4055054	SSF x Near_LoA	-8,251	-0,099	0,293
CHR8	4057143	CHR8:4057143	SSF x Near_LoA	-5,565	0,158	0,283
CHR8	4057148	CHR8:4057148	SSF x Near_LoA	-7,883	0,040	0,292
CHR8	4057149	CHR8:4057149	SSF x Near_LoA	-8,163	-0,034	0,281
CHR8	4057191	CHR8:4057191	SSF x Near_LoA	-7,977	-0,114	0,285
CHR8	4057223	CHR8:4057223	SSF x Near_LoA	-9,244	-0,001	0,277
CHR8	4057379	CHR8:4057379	SSF x Near_LoA	-8,380	-0,094	0,279
CHR8	4057440	CHR8:4057440	SSF x Near_LoA	-9,734	-0,070	0,299
CHR8	4057442	CHR8:4057442	SSF x Near_LoA	-10,906	0,069	0,279
CHR8	4057496	CHR8:4057496	SSF x Near_LoA	-8,330	0,094	0,296
CHR8	4092169	CHR8:4092169	SSF x Near_LoA	-9,859	0,036	0,299
CHR8	4092174	CHR8:4092174	SSF x Near_LoA	-10,004	0,021	0,279
CHR8	4092205	CHR8:4092205	SSF x Near_LoA	-7,958	-0,051	0,275
CHR8	4092304	CHR8:4092304	SSF x Near_LoA	-10,742	0,010	0,279
CHR8	4092306	CHR8:4092306	SSF x Near_LoA	-10,063	0,002	0,288
CHR8	4092309	CHR8:4092309	SSF x Near_LoA	-9,792	-0,016	0,291
CHR8	4092314	CHR8:4092314	SSF x Near_LoA	-10,024	0,012	0,294
CHR8	4092336	CHR8:4092336	SSF x Near_LoA	-8,362	-0,022	0,288
CHR8	4093150	CHR8:4093150	SSF x Near_LoA	-9,955	0,062	0,279
CHR8	4093868	CHR8:4093868	SSF x Near_LoA	-4,105	0,205	0,274
CHR8	4098252	CHR8:4098252	SSF x Near_LoA	-9,622	0,011	0,294
CHR8	4098269	CHR8:4098269	SSF x Near_LoA	-10,440	-0,003	0,285
CHR8	4098481	CHR8:4098481	SSF x Near_LoA	-6,252	-0,049	0,303
CHR8	4098640	CHR8:4098640	SSF x Near_LoA	-5,945	-0,136	0,279
CHR8	4098671	CHR8:4098671	SSF x Near_LoA	-6,307	0,121	0,291
CHR8	4098687	CHR8:4098687	SSF x Near_LoA	-10,845	-0,003	0,291
CHR8	4098694	CHR8:4098694	SSF x Near_LoA	-8,472	0,020	0,288
CHR8	4098703	CHR8:4098703	SSF x Near_LoA	-9,281	-0,065	0,298
CHR8	4099579	CHR8:4099579	SSF x Near_LoA	-7,564	0,082	0,291
CHR8	4099615	CHR8:4099615	SSF x Near_LoA	-9,712	0,069	0,288
CHR8	4099662	CHR8:4099662	SSF x Near_LoA	-8,597	0,018	0,284
CHR8	4117280	CHR8:4117280	SSF x Near_LoA	-9,739	-0,026	0,289
CHR8	4117284	CHR8:4117284	SSF x Near_LoA	-9,078	-0,028	0,293
CHR8	4117383	CHR8:4117383	SSF x Near_LoA	-8,262	-0,014	0,277
CHR8	4117433	CHR8:4117433	SSF x Near_LoA	-6,975	-0,018	0,291
CHR8	4117509	CHR8:4117509	SSF x Near_LoA	-9,231	-0,053	0,283
CHR8	4117551	CHR8:4117551	SSF x Near_LoA	-7,265	0,169	0,266
CHR8	4117596	CHR8:4117596	SSF x Near_LoA	-7,221	0,054	0,301
CHR8	4126333	CHR8:4126333	SSF x Near_LoA	-6,809	0,102	0,273
CHR8	4126697	CHR8:4126697	SSF x Near_LoA	-10,132	0,118	0,280

CHR8	4128763	CHR8:4128763	SSF x Near_LoA	-9,815	-0,081	0,264
CHR8	4128806	CHR8:4128806	SSF x Near_LoA	-3,013	0,196	0,278
CHR8	4128886	CHR8:4128886	SSF x Near_LoA	-2,656	-0,102	0,297
CHR8	4128887	CHR8:4128887	SSF x Near_LoA	-5,534	-0,045	0,276
CHR8	4128908	CHR8:4128908	SSF x Near_LoA	-7,831	0,141	0,276
CHR8	4133085	CHR8:4133085	SSF x Near_LoA	-7,718	-0,086	0,290
CHR8	4133097	CHR8:4133097	SSF x Near_LoA	-7,705	0,012	0,297
CHR8	4133098	CHR8:4133098	SSF x Near_LoA	-8,830	0,007	0,293
CHR8	4133126	CHR8:4133126	SSF x Near_LoA	-6,307	0,136	0,286
CHR8	4133127	CHR8:4133127	SSF x Near_LoA	-6,150	0,134	0,294
CHR8	4133192	CHR8:4133192	SSF x Near_LoA	-7,355	0,055	0,272
CHR8	4133200	CHR8:4133200	SSF x Near_LoA	-6,517	0,054	0,293
CHR8	4133255	CHR8:4133255	SSF x Near_LoA	-7,610	0,057	0,269
CHR8	4133267	CHR8:4133267	SSF x Near_LoA	-9,814	-0,090	0,286
CHR8	4133268	CHR8:4133268	SSF x Near_LoA	-4,416	0,144	0,284
CHR8	4156248	CHR8:4156248	SSF x Near_LoA	-9,373	-0,016	0,286
CHR8	4156331	CHR8:4156331	SSF x Near_LoA	0,534	0,028	0,301
CHR8	4156386	CHR8:4156386	SSF x Near_LoA	-7,404	-0,108	0,300
CHR8	4156440	CHR8:4156440	SSF x Near_LoA	-9,864	-0,092	0,285
CHR8	416671	CHR8:416671	SSF x Near_LoA	-6,472	-0,106	0,290
CHR8	4173794	CHR8:4173794	SSF x Near_LoA	-7,199	-0,033	0,298
CHR8	4180184	CHR8:4180184	SSF x Near_LoA	-7,950	-0,002	0,292
CHR8	4180211	CHR8:4180211	SSF x Near_LoA	-10,313	0,000	0,300
CHR8	4180552	CHR8:4180552	SSF x Near_LoA	-9,623	0,049	0,284
CHR8	4180634	CHR8:4180634	SSF x Near_LoA	-7,708	0,053	0,299
CHR8	4183754	CHR8:4183754	SSF x Near_LoA	-9,772	-0,072	0,286
CHR8	4183769	CHR8:4183769	SSF x Near_LoA	-7,973	-0,018	0,299
CHR8	4190367	CHR8:4190367	SSF x Near_LoA	-7,499	0,061	0,277
CHR8	4190379	CHR8:4190379	SSF x Near_LoA	-6,102	-0,228	0,276
CHR8	4190415	CHR8:4190415	SSF x Near_LoA	-2,332	0,333	0,257
CHR8	4190420	CHR8:4190420	SSF x Near_LoA	-1,448	-0,231	0,249
CHR8	4190708	CHR8:4190708	SSF x Near_LoA	-9,339	-0,050	0,289
CHR8	4200719	CHR8:4200719	SSF x Near_LoA	-9,960	0,004	0,271
CHR8	4200769	CHR8:4200769	SSF x Near_LoA	-8,747	-0,037	0,302
CHR8	4200913	CHR8:4200913	SSF x Near_LoA	-7,626	0,031	0,306
CHR8	4200972	CHR8:4200972	SSF x Near_LoA	-8,942	0,050	0,298
CHR8	4200978	CHR8:4200978	SSF x Near_LoA	-3,582	0,091	0,300
CHR8	4200985	CHR8:4200985	SSF x Near_LoA	-9,455	0,062	0,275
CHR8	4229182	CHR8:4229182	SSF x Near_LoA	-4,487	-0,010	0,290
CHR8	4238526	CHR8:4238526	SSF x Near_LoA	-8,139	0,012	0,286
CHR8	4238660	CHR8:4238660	SSF x Near_LoA	-4,446	0,048	0,278
CHR8	4238715	CHR8:4238715	SSF x Near_LoA	-6,568	-0,248	0,276
CHR8	4238725	CHR8:4238725	SSF x Near_LoA	-4,194	-0,139	0,289
CHR8	4238728	CHR8:4238728	SSF x Near_LoA	-5,360	-0,166	0,276
CHR8	4238729	CHR8:4238729	SSF x Near_LoA	-6,453	-0,154	0,274
CHR8	4238731	CHR8:4238731	SSF x Near_LoA	-6,338	-0,138	0,277
CHR8	4238885	CHR8:4238885	SSF x Near_LoA	-6,965	-0,111	0,281
CHR8	4241962	CHR8:4241962	SSF x Near_LoA	-7,188	-0,015	0,277
CHR8	4241974	CHR8:4241974	SSF x Near_LoA	-8,120	0,009	0,294
CHR8	4241980	CHR8:4241980	SSF x Near_LoA	-7,463	0,031	0,283
CHR8	4256466	CHR8:4256466	SSF x Near_LoA	-7,089	-0,093	0,274
CHR8	4256544	CHR8:4256544	SSF x Near_LoA	-8,162	-0,112	0,260
CHR8	4256551	CHR8:4256551	SSF x Near_LoA	-6,713	-0,120	0,276

CHR8	4256557	CHR8:4256557	SSF x Near_LoA	-6,967	-0,121	0,291
CHR8	4256621	CHR8:4256621	SSF x Near_LoA	-7,488	0,043	0,272
CHR8	4256639	CHR8:4256639	SSF x Near_LoA	-7,376	0,003	0,276
CHR8	4256677	CHR8:4256677	SSF x Near_LoA	-7,542	0,004	0,267
CHR8	4264033	CHR8:4264033	SSF x Near_LoA	3,995	0,085	0,285
CHR8	4264125	CHR8:4264125	SSF x Near_LoA	-8,694	0,022	0,296
CHR8	4264155	CHR8:4264155	SSF x Near_LoA	8,071	-0,096	0,289
CHR8	4265842	CHR8:4265842	SSF x Near_LoA	-9,196	-0,033	0,268
CHR8	4265874	CHR8:4265874	SSF x Near_LoA	-10,563	0,035	0,277
CHR8	4265996	CHR8:4265996	SSF x Near_LoA	-6,693	-0,022	0,294
CHR8	4266032	CHR8:4266032	SSF x Near_LoA	-7,724	-0,027	0,286
CHR8	4266059	CHR8:4266059	SSF x Near_LoA	-7,488	-0,034	0,283
CHR8	4266079	CHR8:4266079	SSF x Near_LoA	-7,802	0,000	0,288
CHR8	4266167	CHR8:4266167	SSF x Near_LoA	-7,581	0,025	0,286
CHR8	4278777	CHR8:4278777	SSF x Near_LoA	-8,444	0,051	0,278
CHR8	4278835	CHR8:4278835	SSF x Near_LoA	-7,152	0,156	0,265
CHR8	4293647	CHR8:4293647	SSF x Near_LoA	-8,000	0,057	0,302
CHR8	4293650	CHR8:4293650	SSF x Near_LoA	-9,394	0,039	0,291
CHR8	4293656	CHR8:4293656	SSF x Near_LoA	-9,450	-0,105	0,289
CHR8	4293671	CHR8:4293671	SSF x Near_LoA	-4,660	-0,149	0,272
CHR8	4293677	CHR8:4293677	SSF x Near_LoA	-6,670	-0,191	0,272
CHR8	4293695	CHR8:4293695	SSF x Near_LoA	0,419	0,253	0,275
CHR8	4293740	CHR8:4293740	SSF x Near_LoA	-4,057	-0,213	0,287
CHR8	4293793	CHR8:4293793	SSF x Near_LoA	-1,513	0,186	0,274
CHR8	4298894	CHR8:4298894	SSF x Near_LoA	-8,676	0,039	0,286
CHR8	4310592	CHR8:4310592	SSF x Near_LoA	-7,292	0,016	0,285
CHR8	4310724	CHR8:4310724	SSF x Near_LoA	-6,912	-0,110	0,292
CHR8	4315107	CHR8:4315107	SSF x Near_LoA	-6,108	0,178	0,270
CHR8	4315159	CHR8:4315159	SSF x Near_LoA	-7,612	-0,025	0,297
CHR8	4319583	CHR8:4319583	SSF x Near_LoA	-1,643	-0,173	0,290
CHR8	4319666	CHR8:4319666	SSF x Near_LoA	-7,677	0,016	0,295
CHR8	4319671	CHR8:4319671	SSF x Near_LoA	-9,303	0,102	0,285
CHR8	4319713	CHR8:4319713	SSF x Near_LoA	-6,140	0,166	0,268
CHR8	4320975	CHR8:4320975	SSF x Near_LoA	-7,936	-0,018	0,293
CHR8	4321124	CHR8:4321124	SSF x Near_LoA	-8,244	0,045	0,287
CHR8	4321202	CHR8:4321202	SSF x Near_LoA	-8,235	-0,081	0,285
CHR8	4342840	CHR8:4342840	SSF x Near_LoA	-11,091	0,033	0,277
CHR8	4342996	CHR8:4342996	SSF x Near_LoA	-10,381	-0,057	0,297
CHR8	4343134	CHR8:4343134	SSF x Near_LoA	0,845	-0,115	0,271
CHR8	4344151	CHR8:4344151	SSF x Near_LoA	-5,365	0,091	0,287
CHR8	4346383	CHR8:4346383	SSF x Near_LoA	-9,033	0,025	0,288
CHR8	4346399	CHR8:4346399	SSF x Near_LoA	-9,379	0,001	0,304
CHR8	4353489	CHR8:4353489	SSF x Near_LoA	-9,903	-0,088	0,282
CHR8	4353762	CHR8:4353762	SSF x Near_LoA	-7,403	-0,043	0,288
CHR8	4355710	CHR8:4355710	SSF x Near_LoA	-7,609	-0,063	0,296
CHR8	4355737	CHR8:4355737	SSF x Near_LoA	-3,209	-0,248	0,266
CHR8	4363017	CHR8:4363017	SSF x Near_LoA	-9,022	0,082	0,282
CHR8	4363019	CHR8:4363019	SSF x Near_LoA	-7,876	-0,067	0,296
CHR8	4363036	CHR8:4363036	SSF x Near_LoA	-2,391	-0,167	0,284
CHR8	4363119	CHR8:4363119	SSF x Near_LoA	-3,931	-0,070	0,309
CHR8	4363143	CHR8:4363143	SSF x Near_LoA	-5,147	0,206	0,276
CHR8	4363191	CHR8:4363191	SSF x Near_LoA	-8,674	-0,099	0,283
CHR8	4363210	CHR8:4363210	SSF x Near_LoA	-9,586	0,038	0,278

CHR8	4366326	CHR8:4366326	SSF x Near_LoA	-8,348	-0,067	0,272
CHR8	4366345	CHR8:4366345	SSF x Near_LoA	-10,249	0,078	0,285
CHR8	4366357	CHR8:4366357	SSF x Near_LoA	-9,052	-0,055	0,288
CHR8	4366376	CHR8:4366376	SSF x Near_LoA	-8,066	-0,081	0,291
CHR8	4366480	CHR8:4366480	SSF x Near_LoA	-8,580	-0,064	0,278
CHR8	4379228	CHR8:4379228	SSF x Near_LoA	-8,434	0,042	0,291
CHR8	4379249	CHR8:4379249	SSF x Near_LoA	-7,064	0,065	0,297
CHR8	4379264	CHR8:4379264	SSF x Near_LoA	-8,969	0,078	0,287
CHR8	4379385	CHR8:4379385	SSF x Near_LoA	-7,083	-0,037	0,283
CHR8	4393332	CHR8:4393332	SSF x Near_LoA	-8,853	0,017	0,298
CHR8	4393334	CHR8:4393334	SSF x Near_LoA	-9,295	0,013	0,286
CHR8	4393348	CHR8:4393348	SSF x Near_LoA	-8,769	-0,016	0,291
CHR8	4393579	CHR8:4393579	SSF x Near_LoA	-1,290	-0,150	0,277
CHR8	4393583	CHR8:4393583	SSF x Near_LoA	-11,114	-0,108	0,278
CHR8	4393593	CHR8:4393593	SSF x Near_LoA	-6,835	-0,168	0,274
CHR8	4393600	CHR8:4393600	SSF x Near_LoA	-6,510	-0,101	0,267
CHR8	4404057	CHR8:4404057	SSF x Near_LoA	-10,304	-0,014	0,282
CHR8	4407389	CHR8:4407389	SSF x Near_LoA	-5,429	-0,143	0,283
CHR8	4407420	CHR8:4407420	SSF x Near_LoA	-7,700	-0,044	0,289
CHR8	4407443	CHR8:4407443	SSF x Near_LoA	-9,010	0,063	0,298
CHR8	4407547	CHR8:4407547	SSF x Near_LoA	-5,362	-0,192	0,280
CHR8	4430301	CHR8:4430301	SSF x Near_LoA	-7,642	-0,095	0,290
CHR8	443303	CHR8:443303	SSF x Near_LoA	-0,149	-0,161	0,282
CHR8	443330	CHR8:443330	SSF x Near_LoA	-8,509	0,057	0,288
CHR8	4444760	CHR8:4444760	SSF x Near_LoA	-5,282	-0,205	0,278
CHR8	444925	CHR8:444925	SSF x Near_LoA	-6,313	0,139	0,279
CHR8	4456752	CHR8:4456752	SSF x Near_LoA	-2,948	-0,236	0,264
CHR8	4467719	CHR8:4467719	SSF x Near_LoA	-8,936	-0,053	0,290
CHR8	4467829	CHR8:4467829	SSF x Near_LoA	-7,685	0,030	0,295
CHR8	4467882	CHR8:4467882	SSF x Near_LoA	-7,759	0,069	0,285
CHR8	4468074	CHR8:4468074	SSF x Near_LoA	-7,481	0,104	0,283
CHR8	4484644	CHR8:4484644	SSF x Near_LoA	-9,242	0,101	0,275
CHR8	4484645	CHR8:4484645	SSF x Near_LoA	-2,730	0,066	0,293
CHR8	4484646	CHR8:4484646	SSF x Near_LoA	-8,941	0,045	0,281
CHR8	4495391	CHR8:4495391	SSF x Near_LoA	-9,963	0,026	0,289
CHR8	4495446	CHR8:4495446	SSF x Near_LoA	-10,106	0,014	0,282
CHR8	4495451	CHR8:4495451	SSF x Near_LoA	-9,036	0,056	0,279
CHR8	4495543	CHR8:4495543	SSF x Near_LoA	-8,688	0,045	0,282
CHR8	4495585	CHR8:4495585	SSF x Near_LoA	-8,711	0,084	0,286
CHR8	4522196	CHR8:4522196	SSF x Near_LoA	-6,932	0,053	0,289
CHR8	4522213	CHR8:4522213	SSF x Near_LoA	-9,343	0,052	0,295
CHR8	4522223	CHR8:4522223	SSF x Near_LoA	-7,877	0,038	0,287
CHR8	4522248	CHR8:4522248	SSF x Near_LoA	-7,004	0,125	0,275
CHR8	4522269	CHR8:4522269	SSF x Near_LoA	-4,697	0,178	0,276
CHR8	4522273	CHR8:4522273	SSF x Near_LoA	-9,147	-0,085	0,282
CHR8	4522311	CHR8:4522311	SSF x Near_LoA	-9,953	0,069	0,270
CHR8	4522351	CHR8:4522351	SSF x Near_LoA	-9,137	-0,093	0,279
CHR8	4522497	CHR8:4522497	SSF x Near_LoA	-7,217	0,020	0,295
CHR8	4533634	CHR8:4533634	SSF x Near_LoA	-9,042	-0,011	0,292
CHR8	4541796	CHR8:4541796	SSF x Near_LoA	-3,970	0,019	0,299
CHR8	4553920	CHR8:4553920	SSF x Near_LoA	-7,382	-0,059	0,293
CHR8	4553972	CHR8:4553972	SSF x Near_LoA	-9,035	-0,167	0,284
CHR8	4553984	CHR8:4553984	SSF x Near_LoA	-8,178	-0,182	0,285

CHR8	4554080	CHR8:4554080	SSF x Near_LoA	-7,354	-0,058	0,287
CHR8	461048	CHR8:461048	SSF x Near_LoA	-6,856	-0,098	0,295
CHR8	461186	CHR8:461186	SSF x Near_LoA	-8,120	-0,026	0,289
CHR8	4613183	CHR8:4613183	SSF x Near_LoA	-8,822	-0,088	0,299
CHR8	4630454	CHR8:4630454	SSF x Near_LoA	-4,959	-0,135	0,285
CHR8	4630534	CHR8:4630534	SSF x Near_LoA	-9,626	-0,011	0,294
CHR8	4630539	CHR8:4630539	SSF x Near_LoA	-5,714	-0,023	0,305
CHR8	4630540	CHR8:4630540	SSF x Near_LoA	-8,967	-0,008	0,310
CHR8	4630580	CHR8:4630580	SSF x Near_LoA	-8,886	-0,004	0,297
CHR8	4632667	CHR8:4632667	SSF x Near_LoA	-7,438	-0,119	0,279
CHR8	4632675	CHR8:4632675	SSF x Near_LoA	-7,091	-0,067	0,288
CHR8	4644990	CHR8:4644990	SSF x Near_LoA	-4,650	0,179	0,280
CHR8	4645011	CHR8:4645011	SSF x Near_LoA	-5,905	0,181	0,262
CHR8	4686360	CHR8:4686360	SSF x Near_LoA	-3,511	0,226	0,274
CHR8	4693407	CHR8:4693407	SSF x Near_LoA	-6,111	0,139	0,275
CHR8	4693458	CHR8:4693458	SSF x Near_LoA	-7,074	0,090	0,281
CHR8	4693499	CHR8:4693499	SSF x Near_LoA	-7,674	0,070	0,272
CHR8	4693562	CHR8:4693562	SSF x Near_LoA	-9,080	0,032	0,276
CHR8	4693577	CHR8:4693577	SSF x Near_LoA	-8,849	0,005	0,283
CHR8	4693587	CHR8:4693587	SSF x Near_LoA	-8,348	-0,002	0,284
CHR8	4711979	CHR8:4711979	SSF x Near_LoA	-8,724	-0,106	0,307
CHR8	4712004	CHR8:4712004	SSF x Near_LoA	-6,884	-0,088	0,286
CHR8	4712148	CHR8:4712148	SSF x Near_LoA	-7,284	0,020	0,294
CHR8	4712178	CHR8:4712178	SSF x Near_LoA	-6,038	-0,088	0,285
CHR8	4712180	CHR8:4712180	SSF x Near_LoA	-9,436	0,003	0,274
CHR8	4712189	CHR8:4712189	SSF x Near_LoA	-8,484	-0,003	0,297
CHR8	4712208	CHR8:4712208	SSF x Near_LoA	-8,976	-0,140	0,276
CHR8	4712217	CHR8:4712217	SSF x Near_LoA	-6,865	0,083	0,257
CHR8	4712229	CHR8:4712229	SSF x Near_LoA	-7,188	0,097	0,271
CHR8	4712255	CHR8:4712255	SSF x Near_LoA	-7,984	0,040	0,267
CHR8	4731847	CHR8:4731847	SSF x Near_LoA	-5,223	0,190	0,274
CHR8	4733062	CHR8:4733062	SSF x Near_LoA	0,314	0,312	0,254
CHR8	4733154	CHR8:4733154	SSF x Near_LoA	-2,429	0,201	0,279
CHR8	4734140	CHR8:4734140	SSF x Near_LoA	-9,804	-0,061	0,293
CHR8	4734149	CHR8:4734149	SSF x Near_LoA	-10,341	0,077	0,284
CHR8	4734203	CHR8:4734203	SSF x Near_LoA	-7,463	-0,113	0,275
CHR8	4735373	CHR8:4735373	SSF x Near_LoA	-10,604	-0,047	0,276
CHR8	4760908	CHR8:4760908	SSF x Near_LoA	-10,627	-0,064	0,284
CHR8	4760962	CHR8:4760962	SSF x Near_LoA	-3,483	-0,102	0,297
CHR8	4767289	CHR8:4767289	SSF x Near_LoA	-5,440	-0,135	0,286
CHR8	4768573	CHR8:4768573	SSF x Near_LoA	-10,685	-0,007	0,281
CHR8	4768618	CHR8:4768618	SSF x Near_LoA	-5,037	-0,147	0,297
CHR8	4768628	CHR8:4768628	SSF x Near_LoA	-7,221	-0,082	0,290
CHR8	4770640	CHR8:4770640	SSF x Near_LoA	-9,358	0,048	0,300
CHR8	4771478	CHR8:4771478	SSF x Near_LoA	-6,920	-0,059	0,285
CHR8	4772102	CHR8:4772102	SSF x Near_LoA	-9,685	-0,007	0,295
CHR8	4786180	CHR8:4786180	SSF x Near_LoA	-10,851	0,033	0,279
CHR8	4786314	CHR8:4786314	SSF x Near_LoA	-8,382	-0,124	0,281
CHR8	4786383	CHR8:4786383	SSF x Near_LoA	-3,269	-0,038	0,289
CHR8	4786388	CHR8:4786388	SSF x Near_LoA	-8,410	0,002	0,268
CHR8	479008	CHR8:479008	SSF x Near_LoA	-10,295	-0,021	0,302
CHR8	479020	CHR8:479020	SSF x Near_LoA	-6,989	0,140	0,286
CHR8	479127	CHR8:479127	SSF x Near_LoA	-2,512	-0,182	0,290

CHR8	4796595	CHR8:4796595	SSF x Near_LoA	-6,368	0,068	0,282
CHR8	4796673	CHR8:4796673	SSF x Near_LoA	-8,175	0,029	0,287
CHR8	4796728	CHR8:4796728	SSF x Near_LoA	-7,903	0,090	0,278
CHR8	4796802	CHR8:4796802	SSF x Near_LoA	-8,493	0,039	0,289
CHR8	4802400	CHR8:4802400	SSF x Near_LoA	-7,251	-0,152	0,288
CHR8	4802406	CHR8:4802406	SSF x Near_LoA	-9,236	0,041	0,299
CHR8	4802443	CHR8:4802443	SSF x Near_LoA	-6,597	0,125	0,292
CHR8	4802447	CHR8:4802447	SSF x Near_LoA	-8,255	0,090	0,282
CHR8	4802480	CHR8:4802480	SSF x Near_LoA	-5,165	-0,142	0,277
CHR8	4802608	CHR8:4802608	SSF x Near_LoA	-8,080	0,019	0,281
CHR8	4802619	CHR8:4802619	SSF x Near_LoA	-7,609	0,052	0,289
CHR8	4802678	CHR8:4802678	SSF x Near_LoA	-7,229	0,016	0,291
CHR8	4824386	CHR8:4824386	SSF x Near_LoA	-7,764	-0,003	0,289
CHR8	4824548	CHR8:4824548	SSF x Near_LoA	-7,244	0,087	0,281
CHR8	4831356	CHR8:4831356	SSF x Near_LoA	-7,487	0,084	0,276
CHR8	4837161	CHR8:4837161	SSF x Near_LoA	-7,410	0,101	0,293
CHR8	4837176	CHR8:4837176	SSF x Near_LoA	-7,762	0,062	0,264
CHR8	4837638	CHR8:4837638	SSF x Near_LoA	-4,097	0,173	0,277
CHR8	4865979	CHR8:4865979	SSF x Near_LoA	-7,031	-0,132	0,285
CHR8	4866005	CHR8:4866005	SSF x Near_LoA	-7,493	-0,098	0,292
CHR8	4866042	CHR8:4866042	SSF x Near_LoA	-9,052	0,024	0,295
CHR8	4866076	CHR8:4866076	SSF x Near_LoA	-4,360	-0,113	0,291
CHR8	4866082	CHR8:4866082	SSF x Near_LoA	-8,099	-0,049	0,287
CHR8	4868010	CHR8:4868010	SSF x Near_LoA	-8,304	-0,005	0,296
CHR8	4868098	CHR8:4868098	SSF x Near_LoA	-8,902	-0,001	0,286
CHR8	4868099	CHR8:4868099	SSF x Near_LoA	-10,338	-0,005	0,277
CHR8	4868117	CHR8:4868117	SSF x Near_LoA	-9,116	-0,076	0,286
CHR8	4873021	CHR8:4873021	SSF x Near_LoA	-10,167	0,042	0,274
CHR8	4878033	CHR8:4878033	SSF x Near_LoA	-7,747	0,048	0,285
CHR8	4886898	CHR8:4886898	SSF x Near_LoA	-5,029	-0,202	0,274
CHR8	4894135	CHR8:4894135	SSF x Near_LoA	-8,905	-0,097	0,284
CHR8	4900522	CHR8:4900522	SSF x Near_LoA	-8,925	0,014	0,277
CHR8	4900639	CHR8:4900639	SSF x Near_LoA	-8,406	-0,057	0,287
CHR8	4900645	CHR8:4900645	SSF x Near_LoA	-9,046	-0,030	0,290
CHR8	4900651	CHR8:4900651	SSF x Near_LoA	-0,336	-0,032	0,294
CHR8	4900656	CHR8:4900656	SSF x Near_LoA	-8,154	-0,025	0,310
CHR8	4900680	CHR8:4900680	SSF x Near_LoA	-8,257	-0,129	0,282
CHR8	4900720	CHR8:4900720	SSF x Near_LoA	-9,183	-0,004	0,289
CHR8	4903148	CHR8:4903148	SSF x Near_LoA	-9,001	-0,002	0,273
CHR8	4909925	CHR8:4909925	SSF x Near_LoA	-8,869	0,069	0,282
CHR8	4909938	CHR8:4909938	SSF x Near_LoA	-9,801	-0,035	0,279
CHR8	4909986	CHR8:4909986	SSF x Near_LoA	-7,804	0,133	0,298
CHR8	4910756	CHR8:4910756	SSF x Near_LoA	-8,252	0,018	0,267
CHR8	4910944	CHR8:4910944	SSF x Near_LoA	-8,224	-0,018	0,291
CHR8	4916538	CHR8:4916538	SSF x Near_LoA	-8,717	0,005	0,282
CHR8	4916602	CHR8:4916602	SSF x Near_LoA	-6,984	0,102	0,283
CHR8	4916692	CHR8:4916692	SSF x Near_LoA	-8,335	0,084	0,275
CHR8	4929729	CHR8:4929729	SSF x Near_LoA	-7,150	-0,029	0,291
CHR8	4929779	CHR8:4929779	SSF x Near_LoA	-10,558	-0,066	0,278
CHR8	4929878	CHR8:4929878	SSF x Near_LoA	-8,237	0,018	0,268
CHR8	4936340	CHR8:4936340	SSF x Near_LoA	-7,288	-0,008	0,303
CHR8	4936357	CHR8:4936357	SSF x Near_LoA	-10,070	-0,048	0,284
CHR8	4936381	CHR8:4936381	SSF x Near_LoA	-9,032	-0,093	0,293

CHR8	4936430	CHR8:4936430	SSF x Near_LoA	-4,969	0,133	0,296
CHR8	4938477	CHR8:4938477	SSF x Near_LoA	-9,461	-0,023	0,291
CHR8	4938549	CHR8:4938549	SSF x Near_LoA	-6,295	0,115	0,286
CHR8	4938627	CHR8:4938627	SSF x Near_LoA	-8,162	-0,027	0,281
CHR8	4961288	CHR8:4961288	SSF x Near_LoA	-9,717	0,122	0,273
CHR8	4962841	CHR8:4962841	SSF x Near_LoA	-6,308	0,208	0,277
CHR8	496366	CHR8:496366	SSF x Near_LoA	-6,452	0,072	0,297
CHR8	4966590	CHR8:4966590	SSF x Near_LoA	-10,258	-0,007	0,286
CHR8	4966623	CHR8:4966623	SSF x Near_LoA	-9,042	0,059	0,305
CHR8	4966641	CHR8:4966641	SSF x Near_LoA	-6,171	0,106	0,293
CHR8	4988065	CHR8:4988065	SSF x Near_LoA	-7,775	0,035	0,285
CHR8	4988176	CHR8:4988176	SSF x Near_LoA	-10,287	-0,093	0,299
CHR8	4988351	CHR8:4988351	SSF x Near_LoA	-9,021	0,052	0,278
CHR8	5001829	CHR8:5001829	SSF x Near_LoA	-6,029	0,167	0,292
CHR8	5023812	CHR8:5023812	SSF x Near_LoA	-8,690	0,136	0,277
CHR8	5025286	CHR8:5025286	SSF x Near_LoA	-9,789	-0,061	0,283
CHR8	5025459	CHR8:5025459	SSF x Near_LoA	-9,018	0,065	0,285
CHR8	5032735	CHR8:5032735	SSF x Near_LoA	-7,424	-0,004	0,280
CHR8	5032817	CHR8:5032817	SSF x Near_LoA	-7,228	-0,069	0,279
CHR8	5032825	CHR8:5032825	SSF x Near_LoA	-7,053	-0,095	0,274
CHR8	5037324	CHR8:5037324	SSF x Near_LoA	-9,470	-0,020	0,280
CHR8	5037414	CHR8:5037414	SSF x Near_LoA	-9,087	0,026	0,284
CHR8	5037471	CHR8:5037471	SSF x Near_LoA	-8,254	-0,092	0,297
CHR8	5037507	CHR8:5037507	SSF x Near_LoA	-8,141	0,089	0,267
CHR8	5037551	CHR8:5037551	SSF x Near_LoA	-7,878	-0,037	0,286
CHR8	5037697	CHR8:5037697	SSF x Near_LoA	-8,680	-0,112	0,298
CHR8	505589	CHR8:505589	SSF x Near_LoA	-10,002	-0,043	0,293
CHR8	5074300	CHR8:5074300	SSF x Near_LoA	-2,424	-0,219	0,269
CHR8	5086193	CHR8:5086193	SSF x Near_LoA	-3,077	0,118	0,287
CHR8	5110121	CHR8:5110121	SSF x Near_LoA	-10,516	-0,005	0,278
CHR8	5110243	CHR8:5110243	SSF x Near_LoA	-7,689	-0,079	0,295
CHR8	5110325	CHR8:5110325	SSF x Near_LoA	-5,201	-0,128	0,287
CHR8	5115057	CHR8:5115057	SSF x Near_LoA	-8,907	-0,094	0,297
CHR8	5115089	CHR8:5115089	SSF x Near_LoA	-8,760	-0,086	0,296
CHR8	5117624	CHR8:5117624	SSF x Near_LoA	-6,555	-0,134	0,278
CHR8	5117626	CHR8:5117626	SSF x Near_LoA	-7,059	0,114	0,300
CHR8	5117748	CHR8:5117748	SSF x Near_LoA	-8,879	0,070	0,277
CHR8	511861	CHR8:511861	SSF x Near_LoA	-6,684	0,147	0,279
CHR8	511961	CHR8:511961	SSF x Near_LoA	-5,673	0,089	0,292
CHR8	5152937	CHR8:5152937	SSF x Near_LoA	-7,261	-0,004	0,288
CHR8	5155819	CHR8:5155819	SSF x Near_LoA	-7,067	-0,030	0,280
CHR8	5219944	CHR8:5219944	SSF x Near_LoA	-6,641	-0,202	0,285
CHR8	5263032	CHR8:5263032	SSF x Near_LoA	-8,370	-0,075	0,276
CHR8	5309238	CHR8:5309238	SSF x Near_LoA	-9,198	0,004	0,290
CHR8	5309247	CHR8:5309247	SSF x Near_LoA	-9,038	-0,014	0,283
CHR8	5309248	CHR8:5309248	SSF x Near_LoA	-7,289	-0,072	0,276
CHR8	5309258	CHR8:5309258	SSF x Near_LoA	-9,138	0,039	0,273
CHR8	5309291	CHR8:5309291	SSF x Near_LoA	-9,224	0,002	0,283
CHR8	5336254	CHR8:5336254	SSF x Near_LoA	-7,872	-0,067	0,283
CHR8	5336303	CHR8:5336303	SSF x Near_LoA	-7,115	-0,034	0,277
CHR8	5355500	CHR8:5355500	SSF x Near_LoA	-7,235	0,042	0,283
CHR8	5355692	CHR8:5355692	SSF x Near_LoA	-8,400	0,068	0,279
CHR8	5400321	CHR8:5400321	SSF x Near_LoA	-10,223	-0,070	0,296

CHR8	5400347	CHR8:5400347	SSF x Near_LoA	-10,714	-0,053	0,294
CHR8	5423963	CHR8:5423963	SSF x Near_LoA	-6,326	0,057	0,281
CHR8	5423964	CHR8:5423964	SSF x Near_LoA	-10,149	0,062	0,278
CHR8	5424027	CHR8:5424027	SSF x Near_LoA	-8,811	0,061	0,292
CHR8	5454611	CHR8:5454611	SSF x Near_LoA	-7,182	0,139	0,279
CHR8	5454668	CHR8:5454668	SSF x Near_LoA	-8,020	-0,001	0,293
CHR8	5458914	CHR8:5458914	SSF x Near_LoA	-1,742	0,089	0,287
CHR8	5471064	CHR8:5471064	SSF x Near_LoA	-6,988	-0,053	0,286
CHR8	5471106	CHR8:5471106	SSF x Near_LoA	-4,813	-0,165	0,278
CHR8	5471329	CHR8:5471329	SSF x Near_LoA	-8,365	-0,101	0,291
CHR8	5481580	CHR8:5481580	SSF x Near_LoA	-6,008	-0,210	0,279
CHR8	5481600	CHR8:5481600	SSF x Near_LoA	-3,777	-0,187	0,284
CHR8	5482986	CHR8:5482986	SSF x Near_LoA	-6,927	-0,021	0,273
CHR8	5483082	CHR8:5483082	SSF x Near_LoA	-8,509	0,050	0,287
CHR8	5483097	CHR8:5483097	SSF x Near_LoA	-9,228	-0,035	0,287
CHR8	5483127	CHR8:5483127	SSF x Near_LoA	-8,783	-0,049	0,264
CHR8	5483146	CHR8:5483146	SSF x Near_LoA	-8,271	-0,140	0,286
CHR8	5483155	CHR8:5483155	SSF x Near_LoA	-6,885	-0,058	0,282
CHR8	5483219	CHR8:5483219	SSF x Near_LoA	-6,231	-0,081	0,296
CHR8	5484144	CHR8:5484144	SSF x Near_LoA	-6,461	-0,098	0,298
CHR8	5484350	CHR8:5484350	SSF x Near_LoA	-9,887	-0,029	0,268
CHR8	5495413	CHR8:5495413	SSF x Near_LoA	-8,629	-0,064	0,281
CHR8	5495476	CHR8:5495476	SSF x Near_LoA	-8,920	-0,106	0,290
CHR8	5495489	CHR8:5495489	SSF x Near_LoA	-7,865	0,007	0,293
CHR8	5495499	CHR8:5495499	SSF x Near_LoA	-9,787	-0,060	0,287
CHR8	5503340	CHR8:5503340	SSF x Near_LoA	-6,576	0,098	0,292
CHR8	5503344	CHR8:5503344	SSF x Near_LoA	-8,519	0,031	0,287
CHR8	5526048	CHR8:5526048	SSF x Near_LoA	-10,034	0,074	0,276
CHR8	5526144	CHR8:5526144	SSF x Near_LoA	-8,565	0,105	0,297
CHR8	5526152	CHR8:5526152	SSF x Near_LoA	-9,317	-0,034	0,295
CHR8	5526215	CHR8:5526215	SSF x Near_LoA	-7,446	0,049	0,277
CHR8	5531030	CHR8:5531030	SSF x Near_LoA	-6,047	-0,033	0,287
CHR8	5539426	CHR8:5539426	SSF x Near_LoA	-8,990	-0,012	0,281
CHR8	5539430	CHR8:5539430	SSF x Near_LoA	-6,699	0,169	0,273
CHR8	5539479	CHR8:5539479	SSF x Near_LoA	-9,270	0,020	0,288
CHR8	5539497	CHR8:5539497	SSF x Near_LoA	-6,603	-0,149	0,292
CHR8	5544842	CHR8:5544842	SSF x Near_LoA	-7,106	-0,010	0,287
CHR8	5564298	CHR8:5564298	SSF x Near_LoA	-8,750	0,078	0,292
CHR8	5574806	CHR8:5574806	SSF x Near_LoA	-7,761	-0,013	0,281
CHR8	5574808	CHR8:5574808	SSF x Near_LoA	-8,829	-0,124	0,285
CHR8	5576878	CHR8:5576878	SSF x Near_LoA	-10,235	0,080	0,279
CHR8	5576892	CHR8:5576892	SSF x Near_LoA	-8,014	-0,037	0,275
CHR8	5583361	CHR8:5583361	SSF x Near_LoA	-6,829	-0,158	0,274
CHR8	5583385	CHR8:5583385	SSF x Near_LoA	-8,896	-0,035	0,271
CHR8	5585556	CHR8:5585556	SSF x Near_LoA	-7,326	0,109	0,291
CHR8	5585558	CHR8:5585558	SSF x Near_LoA	-3,077	-0,210	0,278
CHR8	5585574	CHR8:5585574	SSF x Near_LoA	-5,629	-0,208	0,291
CHR8	5585575	CHR8:5585575	SSF x Near_LoA	-9,853	0,069	0,291
CHR8	5591440	CHR8:5591440	SSF x Near_LoA	-7,844	-0,015	0,301
CHR8	5597384	CHR8:5597384	SSF x Near_LoA	-4,931	-0,170	0,277
CHR8	5597433	CHR8:5597433	SSF x Near_LoA	-9,095	0,086	0,296
CHR8	5597440	CHR8:5597440	SSF x Near_LoA	-7,199	0,130	0,274
CHR8	5597581	CHR8:5597581	SSF x Near_LoA	-5,943	0,004	0,276

CHR8	5598581	CHR8:5598581	SSF x Near_LoA	-9,750	0,026	0,281
CHR8	5598652	CHR8:5598652	SSF x Near_LoA	-9,668	-0,115	0,288
CHR8	5601792	CHR8:5601792	SSF x Near_LoA	-8,958	-0,161	0,275
CHR8	5602369	CHR8:5602369	SSF x Near_LoA	-6,685	-0,111	0,283
CHR8	5626095	CHR8:5626095	SSF x Near_LoA	-9,269	-0,057	0,286
CHR8	5626196	CHR8:5626196	SSF x Near_LoA	-9,902	0,011	0,284
CHR8	5626199	CHR8:5626199	SSF x Near_LoA	-10,267	-0,013	0,278
CHR8	5627839	CHR8:5627839	SSF x Near_LoA	-4,065	-0,175	0,273
CHR8	5627929	CHR8:5627929	SSF x Near_LoA	-10,074	-0,049	0,281
CHR8	5633953	CHR8:5633953	SSF x Near_LoA	-8,818	-0,032	0,287
CHR8	5637219	CHR8:5637219	SSF x Near_LoA	-7,233	-0,062	0,275
CHR8	5653250	CHR8:5653250	SSF x Near_LoA	-5,469	0,125	0,280
CHR8	5653314	CHR8:5653314	SSF x Near_LoA	-7,729	-0,006	0,289
CHR8	5653492	CHR8:5653492	SSF x Near_LoA	-9,810	-0,086	0,278
CHR8	5659846	CHR8:5659846	SSF x Near_LoA	-9,167	-0,022	0,295
CHR8	5659851	CHR8:5659851	SSF x Near_LoA	-9,769	-0,038	0,304
CHR8	5659944	CHR8:5659944	SSF x Near_LoA	-8,417	-0,041	0,304
CHR8	5659961	CHR8:5659961	SSF x Near_LoA	-8,860	0,016	0,283
CHR8	5659978	CHR8:5659978	SSF x Near_LoA	-7,667	-0,024	0,295
CHR8	566685	CHR8:566685	SSF x Near_LoA	-5,748	0,005	0,299
CHR8	566752	CHR8:566752	SSF x Near_LoA	-8,547	0,017	0,289
CHR8	5679584	CHR8:5679584	SSF x Near_LoA	-8,604	-0,038	0,292
CHR8	5679600	CHR8:5679600	SSF x Near_LoA	-10,053	0,044	0,277
CHR8	5679700	CHR8:5679700	SSF x Near_LoA	-9,157	0,056	0,290
CHR8	5679738	CHR8:5679738	SSF x Near_LoA	-6,360	0,089	0,288
CHR8	5679754	CHR8:5679754	SSF x Near_LoA	-7,931	0,046	0,284
CHR8	5679806	CHR8:5679806	SSF x Near_LoA	-7,108	-0,056	0,282
CHR8	5679951	CHR8:5679951	SSF x Near_LoA	-8,116	-0,125	0,283
CHR8	5691285	CHR8:5691285	SSF x Near_LoA	-6,480	0,064	0,275
CHR8	5692731	CHR8:5692731	SSF x Near_LoA	-6,620	0,108	0,285
CHR8	5692814	CHR8:5692814	SSF x Near_LoA	-1,001	-0,140	0,285
CHR8	5692821	CHR8:5692821	SSF x Near_LoA	-3,158	-0,230	0,271
CHR8	5702489	CHR8:5702489	SSF x Near_LoA	-8,467	-0,023	0,293
CHR8	5702490	CHR8:5702490	SSF x Near_LoA	-5,090	-0,020	0,287
CHR8	5702530	CHR8:5702530	SSF x Near_LoA	-7,567	-0,174	0,273
CHR8	5702591	CHR8:5702591	SSF x Near_LoA	-9,953	-0,046	0,287
CHR8	5702690	CHR8:5702690	SSF x Near_LoA	-7,365	-0,103	0,277
CHR8	5702706	CHR8:5702706	SSF x Near_LoA	-8,021	-0,062	0,284
CHR8	5702716	CHR8:5702716	SSF x Near_LoA	-6,862	-0,064	0,280
CHR8	571259	CHR8:571259	SSF x Near_LoA	-9,983	-0,085	0,286
CHR8	5716063	CHR8:5716063	SSF x Near_LoA	-8,450	0,021	0,266
CHR8	5716141	CHR8:5716141	SSF x Near_LoA	-8,144	-0,014	0,266
CHR8	5716157	CHR8:5716157	SSF x Near_LoA	-6,720	0,090	0,288
CHR8	5839387	CHR8:5839387	SSF x Near_LoA	-7,941	0,071	0,281
CHR8	5839460	CHR8:5839460	SSF x Near_LoA	-8,577	-0,088	0,265
CHR8	5840761	CHR8:5840761	SSF x Near_LoA	-8,289	-0,002	0,267
CHR8	5840772	CHR8:5840772	SSF x Near_LoA	-3,911	0,178	0,279
CHR8	5873616	CHR8:5873616	SSF x Near_LoA	-8,687	0,010	0,291
CHR8	5878946	CHR8:5878946	SSF x Near_LoA	-0,913	0,056	0,297
CHR8	5893140	CHR8:5893140	SSF x Near_LoA	-9,792	-0,060	0,292
CHR8	5893152	CHR8:5893152	SSF x Near_LoA	-6,364	0,083	0,288
CHR8	5893285	CHR8:5893285	SSF x Near_LoA	-6,482	0,077	0,289
CHR8	5893483	CHR8:5893483	SSF x Near_LoA	-7,626	0,138	0,285

CHR8	5893485	CHR8:5893485	SSF x Near_LoA	-9,286	0,144	0,267
CHR8	5893554	CHR8:5893554	SSF x Near_LoA	-7,755	0,117	0,292
CHR8	5907577	CHR8:5907577	SSF x Near_LoA	-10,312	-0,072	0,273
CHR8	5907599	CHR8:5907599	SSF x Near_LoA	-8,778	0,068	0,268
CHR8	5907625	CHR8:5907625	SSF x Near_LoA	-8,042	-0,006	0,300
CHR8	5907899	CHR8:5907899	SSF x Near_LoA	-9,313	-0,010	0,286
CHR8	5927741	CHR8:5927741	SSF x Near_LoA	-9,097	-0,140	0,269
CHR8	5927756	CHR8:5927756	SSF x Near_LoA	-6,955	0,095	0,291
CHR8	5937035	CHR8:5937035	SSF x Near_LoA	-9,172	0,026	0,294
CHR8	5937062	CHR8:5937062	SSF x Near_LoA	-8,501	-0,054	0,300
CHR8	5937136	CHR8:5937136	SSF x Near_LoA	-9,121	-0,058	0,279
CHR8	5937184	CHR8:5937184	SSF x Near_LoA	-7,435	-0,051	0,285
CHR8	5948309	CHR8:5948309	SSF x Near_LoA	-9,110	-0,095	0,291
CHR8	5963827	CHR8:5963827	SSF x Near_LoA	-6,773	0,139	0,282
CHR8	5963873	CHR8:5963873	SSF x Near_LoA	-4,935	-0,206	0,271
CHR8	5963995	CHR8:5963995	SSF x Near_LoA	-8,909	0,102	0,276
CHR8	5964003	CHR8:5964003	SSF x Near_LoA	-7,275	0,069	0,297
CHR8	5985719	CHR8:5985719	SSF x Near_LoA	-10,173	0,098	0,283
CHR8	5985731	CHR8:5985731	SSF x Near_LoA	-7,109	0,047	0,291
CHR8	5985804	CHR8:5985804	SSF x Near_LoA	-8,451	-0,004	0,279
CHR8	5985852	CHR8:5985852	SSF x Near_LoA	-9,612	0,097	0,296
CHR8	5985915	CHR8:5985915	SSF x Near_LoA	-7,337	-0,057	0,289
CHR8	5985961	CHR8:5985961	SSF x Near_LoA	-7,604	0,111	0,287
CHR8	5993072	CHR8:5993072	SSF x Near_LoA	-9,504	-0,126	0,282
CHR8	5993209	CHR8:5993209	SSF x Near_LoA	-9,901	-0,064	0,282
CHR8	5993375	CHR8:5993375	SSF x Near_LoA	-8,860	-0,034	0,303
CHR8	5995187	CHR8:5995187	SSF x Near_LoA	-5,775	0,118	0,297
CHR8	5995217	CHR8:5995217	SSF x Near_LoA	-9,682	-0,055	0,290
CHR8	5995243	CHR8:5995243	SSF x Near_LoA	-6,445	0,124	0,291
CHR8	5995249	CHR8:5995249	SSF x Near_LoA	-9,261	-0,045	0,285
CHR8	6003535	CHR8:6003535	SSF x Near_LoA	-9,958	-0,010	0,278
CHR8	6003612	CHR8:6003612	SSF x Near_LoA	-9,761	-0,091	0,296
CHR8	6004136	CHR8:6004136	SSF x Near_LoA	-9,491	-0,053	0,287
CHR8	6005035	CHR8:6005035	SSF x Near_LoA	-2,613	0,060	0,282
CHR8	6005374	CHR8:6005374	SSF x Near_LoA	-7,827	0,007	0,284
CHR8	6005382	CHR8:6005382	SSF x Near_LoA	-6,897	-0,037	0,304
CHR8	6005397	CHR8:6005397	SSF x Near_LoA	-8,302	0,133	0,278
CHR8	6013440	CHR8:6013440	SSF x Near_LoA	-4,491	0,134	0,289
CHR8	6014817	CHR8:6014817	SSF x Near_LoA	-7,826	0,036	0,279
CHR8	6033041	CHR8:6033041	SSF x Near_LoA	-8,453	-0,106	0,290
CHR8	6033086	CHR8:6033086	SSF x Near_LoA	-6,146	-0,002	0,289
CHR8	6036931	CHR8:6036931	SSF x Near_LoA	-9,241	-0,048	0,296
CHR8	6036978	CHR8:6036978	SSF x Near_LoA	-9,052	-0,054	0,294
CHR8	6049738	CHR8:6049738	SSF x Near_LoA	-9,084	0,005	0,288
CHR8	6049785	CHR8:6049785	SSF x Near_LoA	-9,203	-0,013	0,279
CHR8	6063622	CHR8:6063622	SSF x Near_LoA	-6,286	-0,113	0,292
CHR8	6063637	CHR8:6063637	SSF x Near_LoA	-7,185	0,085	0,271
CHR8	6063741	CHR8:6063741	SSF x Near_LoA	-7,842	0,094	0,282
CHR8	6063843	CHR8:6063843	SSF x Near_LoA	-6,988	0,113	0,285
CHR8	6066982	CHR8:6066982	SSF x Near_LoA	-9,178	0,120	0,283
CHR8	6068120	CHR8:6068120	SSF x Near_LoA	-7,049	-0,043	0,288
CHR8	6068141	CHR8:6068141	SSF x Near_LoA	-6,822	0,190	0,286
CHR8	6068179	CHR8:6068179	SSF x Near_LoA	-6,912	-0,083	0,304

CHR8	6068248	CHR8:6068248	SSF x Near_LoA	-7,502	-0,007	0,283
CHR8	6068266	CHR8:6068266	SSF x Near_LoA	-6,128	-0,017	0,299
CHR8	6068281	CHR8:6068281	SSF x Near_LoA	-7,409	0,032	0,279
CHR8	6068306	CHR8:6068306	SSF x Near_LoA	-6,155	-0,031	0,280
CHR8	6083070	CHR8:6083070	SSF x Near_LoA	-7,450	-0,022	0,295
CHR8	6086349	CHR8:6086349	SSF x Near_LoA	-5,482	0,221	0,271
CHR8	6086503	CHR8:6086503	SSF x Near_LoA	-7,042	-0,038	0,290
CHR8	6086508	CHR8:6086508	SSF x Near_LoA	-7,283	0,029	0,295
CHR8	6088508	CHR8:6088508	SSF x Near_LoA	-10,013	-0,050	0,279
CHR8	6096218	CHR8:6096218	SSF x Near_LoA	-9,236	0,140	0,288
CHR8	6096305	CHR8:6096305	SSF x Near_LoA	-7,642	-0,018	0,295
CHR8	6096452	CHR8:6096452	SSF x Near_LoA	-8,547	-0,013	0,295
CHR8	6101278	CHR8:6101278	SSF x Near_LoA	-6,952	-0,141	0,261
CHR8	6108223	CHR8:6108223	SSF x Near_LoA	-9,130	0,066	0,285
CHR8	6128188	CHR8:6128188	SSF x Near_LoA	-9,507	0,105	0,276
CHR8	6128340	CHR8:6128340	SSF x Near_LoA	-8,084	0,053	0,294
CHR8	6134770	CHR8:6134770	SSF x Near_LoA	-7,525	0,013	0,286
CHR8	6134800	CHR8:6134800	SSF x Near_LoA	-5,673	-0,122	0,273
CHR8	6134890	CHR8:6134890	SSF x Near_LoA	-9,519	-0,022	0,287
CHR8	6134969	CHR8:6134969	SSF x Near_LoA	-6,290	-0,094	0,288
CHR8	6134999	CHR8:6134999	SSF x Near_LoA	-7,405	-0,113	0,273
CHR8	6139909	CHR8:6139909	SSF x Near_LoA	-7,602	0,037	0,300
CHR8	6140066	CHR8:6140066	SSF x Near_LoA	-7,565	0,094	0,279
CHR8	6158314	CHR8:6158314	SSF x Near_LoA	-6,457	0,081	0,285
CHR8	6159224	CHR8:6159224	SSF x Near_LoA	-5,322	0,179	0,269
CHR8	6167967	CHR8:6167967	SSF x Near_LoA	-6,028	0,090	0,285
CHR8	6168195	CHR8:6168195	SSF x Near_LoA	-8,590	0,029	0,296
CHR8	6168325	CHR8:6168325	SSF x Near_LoA	-6,575	0,051	0,286
CHR8	6172573	CHR8:6172573	SSF x Near_LoA	-8,489	-0,081	0,288
CHR8	6186456	CHR8:6186456	SSF x Near_LoA	-6,764	0,022	0,287
CHR8	6186485	CHR8:6186485	SSF x Near_LoA	-7,340	-0,041	0,292
CHR8	6186563	CHR8:6186563	SSF x Near_LoA	-8,722	-0,083	0,285
CHR8	6191021	CHR8:6191021	SSF x Near_LoA	-8,351	0,019	0,275
CHR8	6191033	CHR8:6191033	SSF x Near_LoA	-9,884	0,048	0,291
CHR8	6191045	CHR8:6191045	SSF x Near_LoA	-10,039	0,040	0,284
CHR8	6191229	CHR8:6191229	SSF x Near_LoA	-8,911	-0,046	0,292
CHR8	6191326	CHR8:6191326	SSF x Near_LoA	-6,716	-0,193	0,276
CHR8	6191509	CHR8:6191509	SSF x Near_LoA	-4,892	0,149	0,287
CHR8	6191520	CHR8:6191520	SSF x Near_LoA	-7,916	0,012	0,301
CHR8	6199675	CHR8:6199675	SSF x Near_LoA	-8,304	0,005	0,299
CHR8	6199834	CHR8:6199834	SSF x Near_LoA	-8,057	0,051	0,298
CHR8	6199854	CHR8:6199854	SSF x Near_LoA	-7,533	-0,121	0,272
CHR8	6206176	CHR8:6206176	SSF x Near_LoA	-5,340	-0,152	0,292
CHR8	6206229	CHR8:6206229	SSF x Near_LoA	-5,374	0,134	0,277
CHR8	6215437	CHR8:6215437	SSF x Near_LoA	-8,985	-0,041	0,287
CHR8	621606	CHR8:621606	SSF x Near_LoA	-9,362	0,021	0,301
CHR8	621885	CHR8:621885	SSF x Near_LoA	-8,936	0,069	0,300
CHR8	6221104	CHR8:6221104	SSF x Near_LoA	-9,287	0,083	0,281
CHR8	6221144	CHR8:6221144	SSF x Near_LoA	-4,215	-0,082	0,295
CHR8	6221277	CHR8:6221277	SSF x Near_LoA	-8,322	0,089	0,291
CHR8	6227582	CHR8:6227582	SSF x Near_LoA	-6,310	-0,165	0,274
CHR8	6227601	CHR8:6227601	SSF x Near_LoA	-6,350	0,005	0,276
CHR8	6230344	CHR8:6230344	SSF x Near_LoA	-9,147	-0,083	0,278

CHR8	6240584	CHR8:6240584	SSF x Near_LoA	-9,513	0,088	0,286
CHR8	6240859	CHR8:6240859	SSF x Near_LoA	-6,722	-0,178	0,281
CHR8	625507	CHR8:625507	SSF x Near_LoA	-7,369	-0,067	0,288
CHR8	625523	CHR8:625523	SSF x Near_LoA	-3,141	-0,171	0,286
CHR8	625587	CHR8:625587	SSF x Near_LoA	-8,169	0,131	0,279
CHR8	625625	CHR8:625625	SSF x Near_LoA	-11,015	-0,008	0,295
CHR8	625646	CHR8:625646	SSF x Near_LoA	-6,933	0,029	0,282
CHR8	6265710	CHR8:6265710	SSF x Near_LoA	-4,260	-0,191	0,275
CHR8	6265821	CHR8:6265821	SSF x Near_LoA	-1,667	-0,231	0,263
CHR8	6287055	CHR8:6287055	SSF x Near_LoA	-9,258	0,029	0,287
CHR8	6287108	CHR8:6287108	SSF x Near_LoA	-6,917	-0,194	0,277
CHR8	6287148	CHR8:6287148	SSF x Near_LoA	-7,757	-0,138	0,278
CHR8	6287178	CHR8:6287178	SSF x Near_LoA	-9,734	-0,064	0,283
CHR8	6287190	CHR8:6287190	SSF x Near_LoA	-7,944	-0,032	0,282
CHR8	6311308	CHR8:6311308	SSF x Near_LoA	-8,355	-0,118	0,286
CHR8	6326449	CHR8:6326449	SSF x Near_LoA	-9,461	0,066	0,282
CHR8	6326584	CHR8:6326584	SSF x Near_LoA	-6,858	-0,007	0,304
CHR8	6326627	CHR8:6326627	SSF x Near_LoA	-7,304	0,003	0,290
CHR8	6326649	CHR8:6326649	SSF x Near_LoA	-6,293	-0,079	0,282
CHR8	6326652	CHR8:6326652	SSF x Near_LoA	-7,912	-0,057	0,293
CHR8	6326666	CHR8:6326666	SSF x Near_LoA	-8,699	0,014	0,280
CHR8	6326693	CHR8:6326693	SSF x Near_LoA	0,072	-0,170	0,280
CHR8	6326725	CHR8:6326725	SSF x Near_LoA	-8,958	-0,080	0,283
CHR8	6328597	CHR8:6328597	SSF x Near_LoA	-6,599	0,063	0,286
CHR8	6328653	CHR8:6328653	SSF x Near_LoA	-10,358	-0,012	0,291
CHR8	6331884	CHR8:6331884	SSF x Near_LoA	-7,037	-0,143	0,292
CHR8	6331886	CHR8:6331886	SSF x Near_LoA	-7,749	0,030	0,291
CHR8	6331889	CHR8:6331889	SSF x Near_LoA	-7,407	0,133	0,286
CHR8	6331918	CHR8:6331918	SSF x Near_LoA	-7,610	0,099	0,292
CHR8	6331954	CHR8:6331954	SSF x Near_LoA	-10,211	0,035	0,289
CHR8	6336223	CHR8:6336223	SSF x Near_LoA	-9,211	-0,092	0,288
CHR8	6336320	CHR8:6336320	SSF x Near_LoA	-10,309	-0,002	0,280
CHR8	6344770	CHR8:6344770	SSF x Near_LoA	-8,053	-0,159	0,276
CHR8	6344793	CHR8:6344793	SSF x Near_LoA	-4,184	-0,174	0,287
CHR8	6344802	CHR8:6344802	SSF x Near_LoA	-5,440	-0,037	0,294
CHR8	6344822	CHR8:6344822	SSF x Near_LoA	-9,292	-0,117	0,292
CHR8	6346612	CHR8:6346612	SSF x Near_LoA	-8,342	0,056	0,292
CHR8	6346617	CHR8:6346617	SSF x Near_LoA	-9,004	0,050	0,290
CHR8	6346688	CHR8:6346688	SSF x Near_LoA	-9,942	-0,084	0,280
CHR8	6346691	CHR8:6346691	SSF x Near_LoA	-8,665	-0,067	0,281
CHR8	6346766	CHR8:6346766	SSF x Near_LoA	-9,838	0,066	0,288
CHR8	6351998	CHR8:6351998	SSF x Near_LoA	-8,239	-0,059	0,303
CHR8	6352100	CHR8:6352100	SSF x Near_LoA	-8,561	0,031	0,295
CHR8	6352122	CHR8:6352122	SSF x Near_LoA	-6,885	0,066	0,278
CHR8	6352189	CHR8:6352189	SSF x Near_LoA	-6,810	-0,161	0,272
CHR8	6352196	CHR8:6352196	SSF x Near_LoA	-9,819	-0,039	0,287
CHR8	6352203	CHR8:6352203	SSF x Near_LoA	2,365	-0,114	0,276
CHR8	6352277	CHR8:6352277	SSF x Near_LoA	-9,784	-0,046	0,294
CHR8	6352304	CHR8:6352304	SSF x Near_LoA	-3,821	0,131	0,274
CHR8	6357808	CHR8:6357808	SSF x Near_LoA	-7,990	0,007	0,282
CHR8	6357940	CHR8:6357940	SSF x Near_LoA	-6,040	0,138	0,285
CHR8	6363908	CHR8:6363908	SSF x Near_LoA	-8,483	0,102	0,275
CHR8	6363985	CHR8:6363985	SSF x Near_LoA	-6,143	0,086	0,290

CHR8	6364016	CHR8:6364016	SSF x Near_LoA	-7,246	-0,057	0,277
CHR8	6364034	CHR8:6364034	SSF x Near_LoA	-3,967	0,267	0,272
CHR8	6364035	CHR8:6364035	SSF x Near_LoA	-3,153	-0,155	0,288
CHR8	6364036	CHR8:6364036	SSF x Near_LoA	-6,822	0,079	0,279
CHR8	6364037	CHR8:6364037	SSF x Near_LoA	-6,999	0,102	0,271
CHR8	637662	CHR8:637662	SSF x Near_LoA	-9,256	-0,045	0,295
CHR8	6392753	CHR8:6392753	SSF x Near_LoA	-8,229	-0,070	0,292
CHR8	6397665	CHR8:6397665	SSF x Near_LoA	-9,151	0,001	0,288
CHR8	6397666	CHR8:6397666	SSF x Near_LoA	-7,797	0,133	0,293
CHR8	6397673	CHR8:6397673	SSF x Near_LoA	-7,015	-0,136	0,275
CHR8	6397723	CHR8:6397723	SSF x Near_LoA	-8,907	0,073	0,280
CHR8	6397740	CHR8:6397740	SSF x Near_LoA	-9,948	0,090	0,298
CHR8	6397843	CHR8:6397843	SSF x Near_LoA	-10,349	0,101	0,283
CHR8	6397930	CHR8:6397930	SSF x Near_LoA	-8,408	0,021	0,288
CHR8	6413942	CHR8:6413942	SSF x Near_LoA	-8,520	0,116	0,277
CHR8	6414171	CHR8:6414171	SSF x Near_LoA	-7,079	0,023	0,299
CHR8	6414178	CHR8:6414178	SSF x Near_LoA	-6,668	0,154	0,282
CHR8	6414186	CHR8:6414186	SSF x Near_LoA	-2,444	0,090	0,287
CHR8	6414199	CHR8:6414199	SSF x Near_LoA	-10,151	0,080	0,293
CHR8	6414210	CHR8:6414210	SSF x Near_LoA	-9,617	0,080	0,288
CHR8	6415712	CHR8:6415712	SSF x Near_LoA	-9,381	0,104	0,280
CHR8	6415736	CHR8:6415736	SSF x Near_LoA	-9,846	-0,005	0,284
CHR8	6415786	CHR8:6415786	SSF x Near_LoA	-10,715	0,010	0,278
CHR8	6415803	CHR8:6415803	SSF x Near_LoA	-7,418	0,018	0,296
CHR8	6429107	CHR8:6429107	SSF x Near_LoA	-7,494	0,130	0,293
CHR8	6429178	CHR8:6429178	SSF x Near_LoA	-7,933	-0,131	0,281
CHR8	6429214	CHR8:6429214	SSF x Near_LoA	-5,797	-0,134	0,293
CHR8	6433753	CHR8:6433753	SSF x Near_LoA	-6,376	-0,155	0,269
CHR8	6433760	CHR8:6433760	SSF x Near_LoA	19,236	-0,124	0,281
CHR8	6433770	CHR8:6433770	SSF x Near_LoA	-6,169	-0,159	0,270
CHR8	6433771	CHR8:6433771	SSF x Near_LoA	-10,273	-0,009	0,290
CHR8	6433774	CHR8:6433774	SSF x Near_LoA	-8,158	0,004	0,264
CHR8	6437055	CHR8:6437055	SSF x Near_LoA	-8,085	-0,073	0,288
CHR8	6437125	CHR8:6437125	SSF x Near_LoA	-9,260	0,128	0,278
CHR8	6437145	CHR8:6437145	SSF x Near_LoA	-7,426	0,045	0,275
CHR8	6441626	CHR8:6441626	SSF x Near_LoA	-2,463	0,056	0,295
CHR8	6441704	CHR8:6441704	SSF x Near_LoA	-5,735	-0,142	0,283
CHR8	6441718	CHR8:6441718	SSF x Near_LoA	-8,939	0,020	0,305
CHR8	6452912	CHR8:6452912	SSF x Near_LoA	-7,295	0,126	0,294
CHR8	6452978	CHR8:6452978	SSF x Near_LoA	-6,244	-0,075	0,289
CHR8	6452980	CHR8:6452980	SSF x Near_LoA	-2,584	-0,206	0,286
CHR8	6456682	CHR8:6456682	SSF x Near_LoA	-9,689	0,110	0,279
CHR8	6482473	CHR8:6482473	SSF x Near_LoA	-9,608	-0,017	0,281
CHR8	6482487	CHR8:6482487	SSF x Near_LoA	-9,352	0,011	0,290
CHR8	6482582	CHR8:6482582	SSF x Near_LoA	-7,380	0,070	0,273
CHR8	6482615	CHR8:6482615	SSF x Near_LoA	-8,107	0,123	0,279
CHR8	6482697	CHR8:6482697	SSF x Near_LoA	-8,850	0,110	0,287
CHR8	6482699	CHR8:6482699	SSF x Near_LoA	-11,272	-0,029	0,271
CHR8	6482706	CHR8:6482706	SSF x Near_LoA	-6,585	-0,113	0,280
CHR8	6482772	CHR8:6482772	SSF x Near_LoA	-9,986	-0,044	0,287
CHR8	6487872	CHR8:6487872	SSF x Near_LoA	-8,439	-0,106	0,281
CHR8	6487964	CHR8:6487964	SSF x Near_LoA	-6,792	0,064	0,289
CHR8	6487981	CHR8:6487981	SSF x Near_LoA	-7,530	-0,104	0,272

CHR8	6488022	CHR8:6488022	SSF x Near_LoA	-6,369	-0,184	0,277
CHR8	6490069	CHR8:6490069	SSF x Near_LoA	-7,094	-0,098	0,281
CHR8	6490283	CHR8:6490283	SSF x Near_LoA	-10,177	-0,028	0,298
CHR8	6492709	CHR8:6492709	SSF x Near_LoA	-9,253	-0,033	0,281
CHR8	6492875	CHR8:6492875	SSF x Near_LoA	-6,231	0,101	0,270
CHR8	6493022	CHR8:6493022	SSF x Near_LoA	-8,507	0,078	0,265
CHR8	6493065	CHR8:6493065	SSF x Near_LoA	-7,698	0,045	0,285
CHR8	6493123	CHR8:6493123	SSF x Near_LoA	-8,725	-0,110	0,288
CHR8	6516946	CHR8:6516946	SSF x Near_LoA	-7,369	-0,132	0,282
CHR8	6517027	CHR8:6517027	SSF x Near_LoA	-6,562	0,044	0,277
CHR8	6518805	CHR8:6518805	SSF x Near_LoA	-7,251	-0,009	0,278
CHR8	6518855	CHR8:6518855	SSF x Near_LoA	-8,908	0,065	0,274
CHR8	6518925	CHR8:6518925	SSF x Near_LoA	-6,960	-0,012	0,283
CHR8	6518973	CHR8:6518973	SSF x Near_LoA	-9,655	-0,099	0,275
CHR8	6527763	CHR8:6527763	SSF x Near_LoA	-8,907	0,091	0,285
CHR8	6528361	CHR8:6528361	SSF x Near_LoA	-9,296	0,007	0,276
CHR8	6528399	CHR8:6528399	SSF x Near_LoA	-8,448	-0,019	0,274
CHR8	6528400	CHR8:6528400	SSF x Near_LoA	-7,258	0,154	0,275
CHR8	6528413	CHR8:6528413	SSF x Near_LoA	-8,653	-0,015	0,274
CHR8	6528416	CHR8:6528416	SSF x Near_LoA	-7,981	-0,041	0,293
CHR8	6528464	CHR8:6528464	SSF x Near_LoA	-9,795	-0,103	0,275
CHR8	6532092	CHR8:6532092	SSF x Near_LoA	-7,429	-0,044	0,296
CHR8	6532234	CHR8:6532234	SSF x Near_LoA	-8,677	0,026	0,288
CHR8	6533379	CHR8:6533379	SSF x Near_LoA	-7,251	0,063	0,285
CHR8	6533692	CHR8:6533692	SSF x Near_LoA	-10,177	-0,049	0,289
CHR8	6533722	CHR8:6533722	SSF x Near_LoA	4,175	0,333	0,252
CHR8	6540122	CHR8:6540122	SSF x Near_LoA	-4,836	0,143	0,294
CHR8	6541521	CHR8:6541521	SSF x Near_LoA	-7,501	0,052	0,299
CHR8	6541584	CHR8:6541584	SSF x Near_LoA	-7,566	0,107	0,284
CHR8	6545076	CHR8:6545076	SSF x Near_LoA	-4,669	0,165	0,284
CHR8	6560210	CHR8:6560210	SSF x Near_LoA	-9,240	-0,021	0,296
CHR8	6560287	CHR8:6560287	SSF x Near_LoA	-6,341	0,047	0,295
CHR8	6560481	CHR8:6560481	SSF x Near_LoA	-7,854	0,125	0,282
CHR8	6561193	CHR8:6561193	SSF x Near_LoA	-9,794	0,001	0,286
CHR8	6561343	CHR8:6561343	SSF x Near_LoA	-6,696	0,183	0,286
CHR8	6561369	CHR8:6561369	SSF x Near_LoA	-7,261	-0,113	0,298
CHR8	6561533	CHR8:6561533	SSF x Near_LoA	-10,468	-0,097	0,283
CHR8	6561546	CHR8:6561546	SSF x Near_LoA	-9,979	0,067	0,298
CHR8	6570375	CHR8:6570375	SSF x Near_LoA	-9,005	0,015	0,295
CHR8	6576995	CHR8:6576995	SSF x Near_LoA	-8,109	-0,087	0,282
CHR8	6577013	CHR8:6577013	SSF x Near_LoA	-7,250	0,164	0,280
CHR8	6577127	CHR8:6577127	SSF x Near_LoA	-5,171	-0,198	0,287
CHR8	6583978	CHR8:6583978	SSF x Near_LoA	-5,414	-0,174	0,279
CHR8	6584079	CHR8:6584079	SSF x Near_LoA	-8,464	-0,056	0,296
CHR8	6591268	CHR8:6591268	SSF x Near_LoA	-7,135	0,070	0,280
CHR8	6591322	CHR8:6591322	SSF x Near_LoA	-7,220	-0,091	0,276
CHR8	6591358	CHR8:6591358	SSF x Near_LoA	-9,676	0,074	0,294
CHR8	6603333	CHR8:6603333	SSF x Near_LoA	-10,389	0,015	0,298
CHR8	6603538	CHR8:6603538	SSF x Near_LoA	-7,670	0,066	0,279
CHR8	6615079	CHR8:6615079	SSF x Near_LoA	-8,600	0,098	0,271
CHR8	6615104	CHR8:6615104	SSF x Near_LoA	-7,569	-0,053	0,290
CHR8	6615140	CHR8:6615140	SSF x Near_LoA	-9,441	-0,054	0,289
CHR8	6615218	CHR8:6615218	SSF x Near_LoA	-9,085	-0,021	0,276

CHR8	6625421	CHR8:6625421	SSF x Near_LoA	-7,519	-0,147	0,288
CHR8	6625495	CHR8:6625495	SSF x Near_LoA	-6,328	-0,178	0,273
CHR8	6625497	CHR8:6625497	SSF x Near_LoA	-6,621	-0,184	0,287
CHR8	6625507	CHR8:6625507	SSF x Near_LoA	-3,738	-0,197	0,282
CHR8	6630364	CHR8:6630364	SSF x Near_LoA	-8,246	-0,012	0,301
CHR8	6646932	CHR8:6646932	SSF x Near_LoA	-9,512	0,047	0,274
CHR8	6647109	CHR8:6647109	SSF x Near_LoA	-6,877	-0,045	0,287
CHR8	6647146	CHR8:6647146	SSF x Near_LoA	-8,350	0,094	0,289
CHR8	667149	CHR8:667149	SSF x Near_LoA	-1,348	-0,237	0,270
CHR8	667339	CHR8:667339	SSF x Near_LoA	-7,333	-0,111	0,286
CHR8	667340	CHR8:667340	SSF x Near_LoA	-4,224	-0,142	0,297
CHR8	6683283	CHR8:6683283	SSF x Near_LoA	-9,946	-0,077	0,286
CHR8	6683629	CHR8:6683629	SSF x Near_LoA	-7,650	-0,056	0,287
CHR8	6683720	CHR8:6683720	SSF x Near_LoA	-5,628	0,119	0,300
CHR8	6699217	CHR8:6699217	SSF x Near_LoA	-10,354	-0,048	0,288
CHR8	6701667	CHR8:6701667	SSF x Near_LoA	-6,593	-0,053	0,291
CHR8	6701692	CHR8:6701692	SSF x Near_LoA	-9,084	0,018	0,286
CHR8	6705315	CHR8:6705315	SSF x Near_LoA	-6,376	0,047	0,288
CHR8	6705347	CHR8:6705347	SSF x Near_LoA	-8,587	-0,206	0,279
CHR8	6705653	CHR8:6705653	SSF x Near_LoA	-9,986	0,029	0,283
CHR8	6715146	CHR8:6715146	SSF x Near_LoA	-9,157	-0,138	0,292
CHR8	6723648	CHR8:6723648	SSF x Near_LoA	-9,306	-0,068	0,282
CHR8	6723663	CHR8:6723663	SSF x Near_LoA	-9,440	-0,090	0,283
CHR8	6740455	CHR8:6740455	SSF x Near_LoA	-10,674	-0,010	0,289
CHR8	6740576	CHR8:6740576	SSF x Near_LoA	-7,862	-0,016	0,288
CHR8	6740670	CHR8:6740670	SSF x Near_LoA	-9,415	0,051	0,296
CHR8	6740674	CHR8:6740674	SSF x Near_LoA	-8,255	-0,023	0,291
CHR8	6740699	CHR8:6740699	SSF x Near_LoA	-9,036	0,089	0,285
CHR8	6744711	CHR8:6744711	SSF x Near_LoA	-2,006	-0,048	0,293
CHR8	674741	CHR8:674741	SSF x Near_LoA	-7,167	0,117	0,295
CHR8	674791	CHR8:674791	SSF x Near_LoA	-6,832	-0,101	0,291
CHR8	674809	CHR8:674809	SSF x Near_LoA	-7,631	0,051	0,294
CHR8	674869	CHR8:674869	SSF x Near_LoA	-8,789	-0,077	0,295
CHR8	674873	CHR8:674873	SSF x Near_LoA	-7,701	0,017	0,271
CHR8	674914	CHR8:674914	SSF x Near_LoA	-5,131	0,196	0,260
CHR8	674933	CHR8:674933	SSF x Near_LoA	-4,022	-0,036	0,284
CHR8	6755007	CHR8:6755007	SSF x Near_LoA	-6,819	0,136	0,276
CHR8	6784446	CHR8:6784446	SSF x Near_LoA	-7,247	0,014	0,291
CHR8	6785307	CHR8:6785307	SSF x Near_LoA	-6,700	0,102	0,286
CHR8	6785308	CHR8:6785308	SSF x Near_LoA	-7,599	0,109	0,278
CHR8	6796298	CHR8:6796298	SSF x Near_LoA	-3,870	0,174	0,288
CHR8	6796584	CHR8:6796584	SSF x Near_LoA	-7,239	0,029	0,293
CHR8	6831464	CHR8:6831464	SSF x Near_LoA	-6,309	-0,061	0,291
CHR8	6839227	CHR8:6839227	SSF x Near_LoA	-4,479	0,118	0,288
CHR8	6840736	CHR8:6840736	SSF x Near_LoA	-5,016	-0,091	0,290
CHR8	6875303	CHR8:6875303	SSF x Near_LoA	-3,824	-0,075	0,288
CHR8	6913236	CHR8:6913236	SSF x Near_LoA	-8,689	0,003	0,279
CHR8	6913298	CHR8:6913298	SSF x Near_LoA	-7,009	-0,078	0,280
CHR8	6913304	CHR8:6913304	SSF x Near_LoA	-10,538	0,057	0,279
CHR8	6919960	CHR8:6919960	SSF x Near_LoA	-5,494	-0,038	0,298
CHR8	6919975	CHR8:6919975	SSF x Near_LoA	-7,817	0,020	0,289
CHR8	6920011	CHR8:6920011	SSF x Near_LoA	-8,632	-0,107	0,292
CHR8	6920224	CHR8:6920224	SSF x Near_LoA	-3,294	-0,234	0,266

CHR8	6930504	CHR8:6930504	SSF x Near_LoA	-10,094	0,026	0,283
CHR8	6936214	CHR8:6936214	SSF x Near_LoA	-7,709	-0,082	0,290
CHR8	6940485	CHR8:6940485	SSF x Near_LoA	-6,996	-0,071	0,299
CHR8	6940487	CHR8:6940487	SSF x Near_LoA	-4,340	-0,172	0,280
CHR8	6941950	CHR8:6941950	SSF x Near_LoA	-10,041	-0,007	0,285
CHR8	6943145	CHR8:6943145	SSF x Near_LoA	-8,735	0,048	0,293
CHR8	695511	CHR8:695511	SSF x Near_LoA	-10,622	0,026	0,278
CHR8	695543	CHR8:695543	SSF x Near_LoA	-9,220	0,009	0,283
CHR8	695545	CHR8:695545	SSF x Near_LoA	-9,562	0,007	0,293
CHR8	6961472	CHR8:6961472	SSF x Near_LoA	-5,881	-0,077	0,300
CHR8	6961483	CHR8:6961483	SSF x Near_LoA	-7,452	0,128	0,287
CHR8	6961487	CHR8:6961487	SSF x Near_LoA	-6,722	0,046	0,301
CHR8	6978498	CHR8:6978498	SSF x Near_LoA	-8,288	-0,147	0,274
CHR8	6978622	CHR8:6978622	SSF x Near_LoA	-7,943	-0,096	0,283
CHR8	6978649	CHR8:6978649	SSF x Near_LoA	-3,051	0,209	0,273
CHR8	6978702	CHR8:6978702	SSF x Near_LoA	-7,530	0,141	0,278
CHR8	6980409	CHR8:6980409	SSF x Near_LoA	-7,995	0,000	0,296
CHR8	6980416	CHR8:6980416	SSF x Near_LoA	-7,552	-0,086	0,289
CHR8	6980515	CHR8:6980515	SSF x Near_LoA	-6,074	0,060	0,298
CHR8	6980529	CHR8:6980529	SSF x Near_LoA	-3,530	0,024	0,309
CHR8	7018550	CHR8:7018550	SSF x Near_LoA	-7,842	-0,124	0,270
CHR8	7018868	CHR8:7018868	SSF x Near_LoA	-8,845	-0,044	0,295
CHR8	7018962	CHR8:7018962	SSF x Near_LoA	-6,294	0,108	0,289
CHR8	702515	CHR8:702515	SSF x Near_LoA	-8,386	0,108	0,286
CHR8	702610	CHR8:702610	SSF x Near_LoA	-10,744	-0,023	0,276
CHR8	7037256	CHR8:7037256	SSF x Near_LoA	-4,563	0,121	0,277
CHR8	7043150	CHR8:7043150	SSF x Near_LoA	-6,170	-0,036	0,293
CHR8	7043151	CHR8:7043151	SSF x Near_LoA	-6,157	-0,083	0,288
CHR8	7043152	CHR8:7043152	SSF x Near_LoA	-4,926	-0,070	0,296
CHR8	7043157	CHR8:7043157	SSF x Near_LoA	-7,544	-0,059	0,290
CHR8	7076704	CHR8:7076704	SSF x Near_LoA	-7,911	0,023	0,284
CHR8	7081251	CHR8:7081251	SSF x Near_LoA	-9,801	-0,061	0,282
CHR8	708138	CHR8:708138	SSF x Near_LoA	-7,407	-0,013	0,280
CHR8	708494	CHR8:708494	SSF x Near_LoA	-9,259	-0,018	0,285
CHR8	708495	CHR8:708495	SSF x Near_LoA	-9,450	-0,120	0,267
CHR8	712386	CHR8:712386	SSF x Near_LoA	-7,691	0,012	0,288
CHR8	712556	CHR8:712556	SSF x Near_LoA	-8,774	-0,028	0,293
CHR8	7134400	CHR8:7134400	SSF x Near_LoA	-9,227	0,099	0,291
CHR8	7154287	CHR8:7154287	SSF x Near_LoA	-7,228	-0,061	0,282
CHR8	7156392	CHR8:7156392	SSF x Near_LoA	-9,881	-0,087	0,276
CHR8	7174919	CHR8:7174919	SSF x Near_LoA	-9,891	0,086	0,274
CHR8	7175834	CHR8:7175834	SSF x Near_LoA	-6,490	-0,118	0,279
CHR8	7175905	CHR8:7175905	SSF x Near_LoA	-6,551	0,126	0,282
CHR8	7183857	CHR8:7183857	SSF x Near_LoA	-1,548	-0,246	0,271
CHR8	7184843	CHR8:7184843	SSF x Near_LoA	-9,872	-0,020	0,292
CHR8	7205358	CHR8:7205358	SSF x Near_LoA	-8,108	-0,009	0,283
CHR8	7205389	CHR8:7205389	SSF x Near_LoA	-8,868	0,022	0,278
CHR8	7216056	CHR8:7216056	SSF x Near_LoA	-9,581	0,085	0,282
CHR8	7216130	CHR8:7216130	SSF x Near_LoA	-8,998	0,019	0,284
CHR8	7216138	CHR8:7216138	SSF x Near_LoA	-10,454	-0,032	0,287
CHR8	7216241	CHR8:7216241	SSF x Near_LoA	-10,507	0,105	0,273
CHR8	7216265	CHR8:7216265	SSF x Near_LoA	-4,001	0,223	0,266
CHR8	7219950	CHR8:7219950	SSF x Near_LoA	-1,018	-0,094	0,285

CHR8	7227495	CHR8:7227495	SSF x Near_LoA	-6,703	0,074	0,290
CHR8	7227516	CHR8:7227516	SSF x Near_LoA	-9,516	-0,055	0,282
CHR8	7243183	CHR8:7243183	SSF x Near_LoA	-7,001	-0,147	0,277
CHR8	726858	CHR8:726858	SSF x Near_LoA	-8,100	0,055	0,291
CHR8	726862	CHR8:726862	SSF x Near_LoA	-7,008	0,035	0,289
CHR8	7271955	CHR8:7271955	SSF x Near_LoA	-7,584	-0,108	0,287
CHR8	7271985	CHR8:7271985	SSF x Near_LoA	-7,342	-0,172	0,278
CHR8	7272045	CHR8:7272045	SSF x Near_LoA	-7,252	-0,007	0,287
CHR8	7272063	CHR8:7272063	SSF x Near_LoA	-8,511	0,027	0,295
CHR8	7272087	CHR8:7272087	SSF x Near_LoA	-7,815	0,037	0,279
CHR8	7272259	CHR8:7272259	SSF x Near_LoA	7,542	0,123	0,284
CHR8	7275833	CHR8:7275833	SSF x Near_LoA	-6,673	-0,121	0,282
CHR8	7291146	CHR8:7291146	SSF x Near_LoA	-10,204	-0,062	0,286
CHR8	7291365	CHR8:7291365	SSF x Near_LoA	-7,281	0,110	0,279
CHR8	7302961	CHR8:7302961	SSF x Near_LoA	-10,173	-0,032	0,286
CHR8	7315802	CHR8:7315802	SSF x Near_LoA	-8,507	0,009	0,285
CHR8	7327345	CHR8:7327345	SSF x Near_LoA	-8,551	-0,039	0,289
CHR8	7327364	CHR8:7327364	SSF x Near_LoA	-6,705	-0,052	0,292
CHR8	7327367	CHR8:7327367	SSF x Near_LoA	-7,861	-0,089	0,283
CHR8	7327368	CHR8:7327368	SSF x Near_LoA	-7,565	-0,108	0,275
CHR8	7327369	CHR8:7327369	SSF x Near_LoA	-7,668	-0,125	0,277
CHR8	7327370	CHR8:7327370	SSF x Near_LoA	-6,926	-0,106	0,292
CHR8	7327374	CHR8:7327374	SSF x Near_LoA	-9,064	-0,063	0,283
CHR8	7327425	CHR8:7327425	SSF x Near_LoA	-5,605	-0,088	0,293
CHR8	7327450	CHR8:7327450	SSF x Near_LoA	-6,652	-0,087	0,286
CHR8	7327453	CHR8:7327453	SSF x Near_LoA	-6,219	0,182	0,270
CHR8	7327468	CHR8:7327468	SSF x Near_LoA	-9,294	0,082	0,262
CHR8	7327688	CHR8:7327688	SSF x Near_LoA	-6,383	0,052	0,295
CHR8	7327702	CHR8:7327702	SSF x Near_LoA	-8,261	-0,143	0,284
CHR8	7334489	CHR8:7334489	SSF x Near_LoA	-7,691	0,127	0,269
CHR8	7334673	CHR8:7334673	SSF x Near_LoA	-10,276	0,068	0,287
CHR8	7334821	CHR8:7334821	SSF x Near_LoA	-6,151	0,044	0,273
CHR8	7340984	CHR8:7340984	SSF x Near_LoA	-8,488	0,075	0,287
CHR8	7376679	CHR8:7376679	SSF x Near_LoA	-9,755	-0,082	0,281
CHR8	7381125	CHR8:7381125	SSF x Near_LoA	-4,925	-0,145	0,275
CHR8	7381210	CHR8:7381210	SSF x Near_LoA	-9,250	-0,119	0,274
CHR8	7420375	CHR8:7420375	SSF x Near_LoA	-8,700	0,027	0,291
CHR8	7420527	CHR8:7420527	SSF x Near_LoA	-5,850	0,202	0,274
CHR8	7432497	CHR8:7432497	SSF x Near_LoA	-6,719	-0,082	0,287
CHR8	7439102	CHR8:7439102	SSF x Near_LoA	-3,450	-0,150	0,292
CHR8	7451698	CHR8:7451698	SSF x Near_LoA	-9,730	-0,072	0,286
CHR8	7456904	CHR8:7456904	SSF x Near_LoA	-10,987	0,010	0,285
CHR8	7468590	CHR8:7468590	SSF x Near_LoA	-8,194	-0,099	0,299
CHR8	7468715	CHR8:7468715	SSF x Near_LoA	-7,642	-0,140	0,272
CHR8	7468718	CHR8:7468718	SSF x Near_LoA	-7,728	-0,066	0,276
CHR8	7473691	CHR8:7473691	SSF x Near_LoA	-8,378	0,075	0,287
CHR8	7473778	CHR8:7473778	SSF x Near_LoA	-10,321	0,017	0,281
CHR8	7473792	CHR8:7473792	SSF x Near_LoA	-10,110	-0,052	0,283
CHR8	7473913	CHR8:7473913	SSF x Near_LoA	9,138	0,204	0,274
CHR8	7473957	CHR8:7473957	SSF x Near_LoA	-7,933	-0,066	0,299
CHR8	7473967	CHR8:7473967	SSF x Near_LoA	-6,553	0,119	0,287
CHR8	7473997	CHR8:7473997	SSF x Near_LoA	-10,030	-0,074	0,281
CHR8	7480477	CHR8:7480477	SSF x Near_LoA	-5,900	-0,018	0,300

CHR8	7512522	CHR8:7512522	SSF x Near_LoA	-7,264	0,133	0,294
CHR8	7512676	CHR8:7512676	SSF x Near_LoA	-6,827	0,164	0,301
CHR8	7512761	CHR8:7512761	SSF x Near_LoA	-10,799	0,032	0,276
CHR8	7517190	CHR8:7517190	SSF x Near_LoA	-7,340	-0,127	0,280
CHR8	7517365	CHR8:7517365	SSF x Near_LoA	-8,415	0,043	0,299
CHR8	7524722	CHR8:7524722	SSF x Near_LoA	-7,645	-0,020	0,289
CHR8	7534578	CHR8:7534578	SSF x Near_LoA	-6,623	-0,061	0,286
CHR8	7534616	CHR8:7534616	SSF x Near_LoA	-10,131	0,048	0,282
CHR8	7534662	CHR8:7534662	SSF x Near_LoA	-9,889	0,042	0,278
CHR8	7534714	CHR8:7534714	SSF x Near_LoA	-7,802	0,013	0,277
CHR8	7534769	CHR8:7534769	SSF x Near_LoA	-6,323	-0,044	0,300
CHR8	7551574	CHR8:7551574	SSF x Near_LoA	-8,879	0,063	0,285
CHR8	7551581	CHR8:7551581	SSF x Near_LoA	-4,392	0,168	0,292
CHR8	7556290	CHR8:7556290	SSF x Near_LoA	-6,586	0,202	0,277
CHR8	7556330	CHR8:7556330	SSF x Near_LoA	-9,206	0,147	0,285
CHR8	7556334	CHR8:7556334	SSF x Near_LoA	-8,786	0,066	0,291
CHR8	7556339	CHR8:7556339	SSF x Near_LoA	-6,594	-0,115	0,279
CHR8	7556362	CHR8:7556362	SSF x Near_LoA	-1,622	-0,171	0,273
CHR8	7556365	CHR8:7556365	SSF x Near_LoA	-9,511	-0,016	0,294
CHR8	7556391	CHR8:7556391	SSF x Near_LoA	-8,103	0,020	0,283
CHR8	7556399	CHR8:7556399	SSF x Near_LoA	-10,006	0,030	0,284
CHR8	7556451	CHR8:7556451	SSF x Near_LoA	-5,456	0,040	0,296
CHR8	7556452	CHR8:7556452	SSF x Near_LoA	-5,932	0,104	0,300
CHR8	7556465	CHR8:7556465	SSF x Near_LoA	-7,373	-0,072	0,274
CHR8	7560431	CHR8:7560431	SSF x Near_LoA	-7,633	0,022	0,304
CHR8	7560445	CHR8:7560445	SSF x Near_LoA	-8,546	-0,125	0,299
CHR8	7560659	CHR8:7560659	SSF x Near_LoA	-7,782	0,007	0,294
CHR8	7578886	CHR8:7578886	SSF x Near_LoA	-9,983	-0,029	0,272
CHR8	7578887	CHR8:7578887	SSF x Near_LoA	-4,032	-0,113	0,273
CHR8	7578890	CHR8:7578890	SSF x Near_LoA	-7,946	-0,169	0,277
CHR8	7578946	CHR8:7578946	SSF x Near_LoA	-6,323	0,148	0,290
CHR8	7579133	CHR8:7579133	SSF x Near_LoA	-8,368	-0,002	0,272
CHR8	7579179	CHR8:7579179	SSF x Near_LoA	-9,873	0,083	0,278
CHR8	7579195	CHR8:7579195	SSF x Near_LoA	-8,882	-0,074	0,283
CHR8	7579259	CHR8:7579259	SSF x Near_LoA	-8,270	0,039	0,284
CHR8	7579280	CHR8:7579280	SSF x Near_LoA	-7,577	-0,014	0,300
CHR8	7592167	CHR8:7592167	SSF x Near_LoA	-10,252	-0,030	0,292
CHR8	7592401	CHR8:7592401	SSF x Near_LoA	-9,866	-0,006	0,301
CHR8	7593484	CHR8:7593484	SSF x Near_LoA	-8,733	0,108	0,271
CHR8	7596321	CHR8:7596321	SSF x Near_LoA	-6,127	-0,077	0,291
CHR8	7596344	CHR8:7596344	SSF x Near_LoA	-8,344	0,148	0,269
CHR8	7603712	CHR8:7603712	SSF x Near_LoA	-7,473	-0,063	0,304
CHR8	7603734	CHR8:7603734	SSF x Near_LoA	-9,801	0,107	0,285
CHR8	7603747	CHR8:7603747	SSF x Near_LoA	-7,350	-0,103	0,280
CHR8	7603864	CHR8:7603864	SSF x Near_LoA	-7,929	-0,079	0,273
CHR8	7610855	CHR8:7610855	SSF x Near_LoA	-6,163	-0,049	0,287
CHR8	7610860	CHR8:7610860	SSF x Near_LoA	-6,745	0,014	0,294
CHR8	7611017	CHR8:7611017	SSF x Near_LoA	-8,579	0,018	0,290
CHR8	7619277	CHR8:7619277	SSF x Near_LoA	-10,371	-0,056	0,279
CHR8	7619297	CHR8:7619297	SSF x Near_LoA	-3,688	0,121	0,280
CHR8	7619310	CHR8:7619310	SSF x Near_LoA	-8,815	0,001	0,278
CHR8	7619355	CHR8:7619355	SSF x Near_LoA	-7,515	-0,050	0,290
CHR8	7619356	CHR8:7619356	SSF x Near_LoA	-6,201	-0,045	0,294

CHR8	7619397	CHR8:7619397	SSF x Near_LoA	-5,514	-0,137	0,273
CHR8	7619420	CHR8:7619420	SSF x Near_LoA	-8,646	-0,084	0,282
CHR8	7619434	CHR8:7619434	SSF x Near_LoA	-2,758	0,002	0,279
CHR8	7619438	CHR8:7619438	SSF x Near_LoA	-8,046	-0,127	0,283
CHR8	7619439	CHR8:7619439	SSF x Near_LoA	-8,632	-0,104	0,283
CHR8	7619461	CHR8:7619461	SSF x Near_LoA	-3,470	0,218	0,269
CHR8	7619525	CHR8:7619525	SSF x Near_LoA	-7,449	0,114	0,299
CHR8	7627028	CHR8:7627028	SSF x Near_LoA	-7,051	-0,010	0,283
CHR8	7630921	CHR8:7630921	SSF x Near_LoA	-3,189	0,162	0,292
CHR8	7632190	CHR8:7632190	SSF x Near_LoA	-7,628	0,024	0,289
CHR8	7632244	CHR8:7632244	SSF x Near_LoA	-7,645	0,173	0,293
CHR8	7632328	CHR8:7632328	SSF x Near_LoA	-7,197	-0,006	0,291
CHR8	7642686	CHR8:7642686	SSF x Near_LoA	-7,029	0,035	0,292
CHR8	7642715	CHR8:7642715	SSF x Near_LoA	-6,742	-0,148	0,276
CHR8	7642777	CHR8:7642777	SSF x Near_LoA	-8,389	0,085	0,292
CHR8	7642813	CHR8:7642813	SSF x Near_LoA	-6,812	-0,075	0,286
CHR8	7656159	CHR8:7656159	SSF x Near_LoA	-9,361	-0,102	0,277
CHR8	7656174	CHR8:7656174	SSF x Near_LoA	-9,401	-0,078	0,282
CHR8	7656210	CHR8:7656210	SSF x Near_LoA	-8,718	-0,084	0,285
CHR8	7656235	CHR8:7656235	SSF x Near_LoA	-6,941	-0,166	0,277
CHR8	7664611	CHR8:7664611	SSF x Near_LoA	-7,584	-0,107	0,279
CHR8	7668726	CHR8:7668726	SSF x Near_LoA	-6,298	-0,130	0,282
CHR8	7673593	CHR8:7673593	SSF x Near_LoA	-3,035	0,297	0,261
CHR8	7673637	CHR8:7673637	SSF x Near_LoA	-7,924	-0,071	0,282
CHR8	7673691	CHR8:7673691	SSF x Near_LoA	-6,618	-0,070	0,292
CHR8	7674581	CHR8:7674581	SSF x Near_LoA	-8,570	-0,079	0,280
CHR8	7674641	CHR8:7674641	SSF x Near_LoA	-5,203	-0,036	0,285
CHR8	7674668	CHR8:7674668	SSF x Near_LoA	-4,608	0,162	0,273
CHR8	7679332	CHR8:7679332	SSF x Near_LoA	-10,069	0,113	0,271
CHR8	7679421	CHR8:7679421	SSF x Near_LoA	-9,514	-0,075	0,290
CHR8	7679422	CHR8:7679422	SSF x Near_LoA	0,953	0,301	0,258
CHR8	7679425	CHR8:7679425	SSF x Near_LoA	-4,019	0,233	0,294
CHR8	7679488	CHR8:7679488	SSF x Near_LoA	-9,987	0,046	0,282
CHR8	7684781	CHR8:7684781	SSF x Near_LoA	-5,611	-0,149	0,284
CHR8	7704572	CHR8:7704572	SSF x Near_LoA	-8,165	-0,038	0,271
CHR8	7704656	CHR8:7704656	SSF x Near_LoA	-7,124	0,126	0,287
CHR8	7708897	CHR8:7708897	SSF x Near_LoA	-7,073	0,082	0,301
CHR8	7716974	CHR8:7716974	SSF x Near_LoA	-6,358	0,116	0,283
CHR8	7722362	CHR8:7722362	SSF x Near_LoA	-7,861	-0,023	0,293
CHR8	7722442	CHR8:7722442	SSF x Near_LoA	-10,072	-0,015	0,305
CHR8	7722614	CHR8:7722614	SSF x Near_LoA	-8,220	0,016	0,275
CHR8	7746405	CHR8:7746405	SSF x Near_LoA	-7,523	0,068	0,291
CHR8	7746507	CHR8:7746507	SSF x Near_LoA	-6,868	-0,022	0,286
CHR8	7755748	CHR8:7755748	SSF x Near_LoA	-9,203	-0,079	0,295
CHR8	7755767	CHR8:7755767	SSF x Near_LoA	-4,977	-0,049	0,290
CHR8	7755832	CHR8:7755832	SSF x Near_LoA	-8,421	0,074	0,278
CHR8	7757014	CHR8:7757014	SSF x Near_LoA	-7,984	-0,058	0,289
CHR8	7769491	CHR8:7769491	SSF x Near_LoA	-10,218	0,017	0,271
CHR8	7769597	CHR8:7769597	SSF x Near_LoA	-6,783	0,043	0,302
CHR8	7787515	CHR8:7787515	SSF x Near_LoA	-7,643	-0,026	0,298
CHR8	7787742	CHR8:7787742	SSF x Near_LoA	-9,222	0,014	0,301
CHR8	7797917	CHR8:7797917	SSF x Near_LoA	-7,137	-0,037	0,284
CHR8	7797971	CHR8:7797971	SSF x Near_LoA	-9,851	0,020	0,283

CHR8	7798059	CHR8:7798059	SSF x Near_LoA	-6,808	0,042	0,305
CHR8	7798069	CHR8:7798069	SSF x Near_LoA	-9,641	-0,001	0,292
CHR8	7798070	CHR8:7798070	SSF x Near_LoA	-9,552	-0,010	0,287
CHR8	7803449	CHR8:7803449	SSF x Near_LoA	-9,829	-0,088	0,293
CHR8	7803721	CHR8:7803721	SSF x Near_LoA	-11,008	0,008	0,284
CHR8	7803886	CHR8:7803886	SSF x Near_LoA	-9,612	0,032	0,286
CHR8	7810605	CHR8:7810605	SSF x Near_LoA	-5,563	-0,124	0,283
CHR8	7810650	CHR8:7810650	SSF x Near_LoA	-7,788	0,064	0,285
CHR8	7810652	CHR8:7810652	SSF x Near_LoA	-2,356	-0,186	0,279
CHR8	7810685	CHR8:7810685	SSF x Near_LoA	2,825	0,247	0,275
CHR8	7819042	CHR8:7819042	SSF x Near_LoA	-9,193	0,110	0,296
CHR8	7819138	CHR8:7819138	SSF x Near_LoA	-6,409	0,167	0,287
CHR8	7819167	CHR8:7819167	SSF x Near_LoA	-7,822	-0,030	0,268
CHR8	7821048	CHR8:7821048	SSF x Near_LoA	-7,077	0,111	0,287
CHR8	7821201	CHR8:7821201	SSF x Near_LoA	-6,182	0,058	0,285
CHR8	7822312	CHR8:7822312	SSF x Near_LoA	-7,146	0,048	0,269
CHR8	7826577	CHR8:7826577	SSF x Near_LoA	-9,008	-0,013	0,295
CHR8	7826708	CHR8:7826708	SSF x Near_LoA	-4,789	0,150	0,282
CHR8	7826731	CHR8:7826731	SSF x Near_LoA	-8,951	0,128	0,267
CHR8	7826732	CHR8:7826732	SSF x Near_LoA	-5,541	0,205	0,271
CHR8	7826798	CHR8:7826798	SSF x Near_LoA	-6,352	0,085	0,296
CHR8	7826822	CHR8:7826822	SSF x Near_LoA	-5,400	-0,142	0,299
CHR8	7828085	CHR8:7828085	SSF x Near_LoA	-8,964	-0,029	0,287
CHR8	7828189	CHR8:7828189	SSF x Near_LoA	-10,666	0,009	0,284
CHR8	7834394	CHR8:7834394	SSF x Near_LoA	-7,259	0,068	0,294
CHR8	7861020	CHR8:7861020	SSF x Near_LoA	-8,522	-0,091	0,289
CHR8	7875052	CHR8:7875052	SSF x Near_LoA	-7,344	0,152	0,284
CHR8	7875112	CHR8:7875112	SSF x Near_LoA	-10,042	0,011	0,298
CHR8	7875190	CHR8:7875190	SSF x Near_LoA	-8,741	0,017	0,306
CHR8	7875196	CHR8:7875196	SSF x Near_LoA	-9,169	0,031	0,300
CHR8	7875220	CHR8:7875220	SSF x Near_LoA	-10,214	-0,099	0,294
CHR8	7880420	CHR8:7880420	SSF x Near_LoA	-8,552	0,029	0,279
CHR8	7880668	CHR8:7880668	SSF x Near_LoA	-6,910	-0,082	0,282
CHR8	7880732	CHR8:7880732	SSF x Near_LoA	-10,579	0,034	0,293
CHR8	7880763	CHR8:7880763	SSF x Near_LoA	-8,054	0,045	0,297
CHR8	7880777	CHR8:7880777	SSF x Near_LoA	-9,734	0,035	0,290
CHR8	7880787	CHR8:7880787	SSF x Near_LoA	-9,915	0,049	0,287
CHR8	7883458	CHR8:7883458	SSF x Near_LoA	-7,584	0,032	0,297
CHR8	7883630	CHR8:7883630	SSF x Near_LoA	-9,138	-0,071	0,292
CHR8	7884550	CHR8:7884550	SSF x Near_LoA	-2,143	-0,142	0,287
CHR8	7884661	CHR8:7884661	SSF x Near_LoA	-8,979	-0,012	0,291
CHR8	7884680	CHR8:7884680	SSF x Near_LoA	-9,971	-0,039	0,284
CHR8	7884720	CHR8:7884720	SSF x Near_LoA	-2,664	-0,008	0,287
CHR8	7884743	CHR8:7884743	SSF x Near_LoA	-6,886	0,121	0,283
CHR8	7904571	CHR8:7904571	SSF x Near_LoA	-7,102	-0,102	0,275
CHR8	7904581	CHR8:7904581	SSF x Near_LoA	-6,931	-0,057	0,271
CHR8	7904621	CHR8:7904621	SSF x Near_LoA	-5,823	-0,164	0,282
CHR8	7904651	CHR8:7904651	SSF x Near_LoA	-6,778	0,106	0,286
CHR8	7904680	CHR8:7904680	SSF x Near_LoA	-10,948	-0,043	0,292
CHR8	7904891	CHR8:7904891	SSF x Near_LoA	-8,649	-0,020	0,285
CHR8	7904935	CHR8:7904935	SSF x Near_LoA	-7,433	-0,026	0,287
CHR8	7905014	CHR8:7905014	SSF x Near_LoA	-8,002	0,046	0,289
CHR8	7923112	CHR8:7923112	SSF x Near_LoA	-8,403	-0,090	0,273

CHR8	7923132	CHR8:7923132	SSF x Near_LoA	-9,272	-0,048	0,266
CHR8	7923244	CHR8:7923244	SSF x Near_LoA	-9,491	-0,055	0,275
CHR8	7931251	CHR8:7931251	SSF x Near_LoA	-9,208	0,093	0,300
CHR8	7931253	CHR8:7931253	SSF x Near_LoA	-6,591	-0,024	0,288
CHR8	7954519	CHR8:7954519	SSF x Near_LoA	-1,984	0,133	0,295
CHR8	7954556	CHR8:7954556	SSF x Near_LoA	-9,191	0,122	0,280
CHR8	7954566	CHR8:7954566	SSF x Near_LoA	-6,220	0,103	0,287
CHR8	7955240	CHR8:7955240	SSF x Near_LoA	-7,964	0,058	0,298
CHR8	7955324	CHR8:7955324	SSF x Near_LoA	-8,590	-0,101	0,288
CHR8	7970442	CHR8:7970442	SSF x Near_LoA	-9,049	0,058	0,292
CHR8	7972617	CHR8:7972617	SSF x Near_LoA	-6,681	-0,125	0,277
CHR8	7972638	CHR8:7972638	SSF x Near_LoA	-8,070	0,099	0,283
CHR8	7972718	CHR8:7972718	SSF x Near_LoA	-9,345	-0,009	0,281
CHR8	7972738	CHR8:7972738	SSF x Near_LoA	-6,318	-0,006	0,290
CHR8	7993370	CHR8:7993370	SSF x Near_LoA	-8,128	-0,172	0,286
CHR8	7993505	CHR8:7993505	SSF x Near_LoA	-10,572	0,059	0,284
CHR8	7995468	CHR8:7995468	SSF x Near_LoA	-7,389	-0,206	0,278
CHR8	7995551	CHR8:7995551	SSF x Near_LoA	-10,692	0,095	0,280
CHR8	7995733	CHR8:7995733	SSF x Near_LoA	-8,703	0,015	0,296
CHR8	7995748	CHR8:7995748	SSF x Near_LoA	-10,654	-0,040	0,273
CHR8	7995806	CHR8:7995806	SSF x Near_LoA	-7,921	-0,003	0,284
CHR8	8003642	CHR8:8003642	SSF x Near_LoA	-8,478	-0,020	0,292
CHR8	8009692	CHR8:8009692	SSF x Near_LoA	-8,877	0,076	0,287
CHR8	8009696	CHR8:8009696	SSF x Near_LoA	-6,704	-0,113	0,274
CHR8	8009698	CHR8:8009698	SSF x Near_LoA	-5,628	-0,115	0,281
CHR8	8009789	CHR8:8009789	SSF x Near_LoA	-7,561	-0,067	0,275
CHR8	8009820	CHR8:8009820	SSF x Near_LoA	-9,579	-0,047	0,290
CHR8	8009862	CHR8:8009862	SSF x Near_LoA	-8,012	-0,023	0,292
CHR8	8009892	CHR8:8009892	SSF x Near_LoA	-4,909	0,182	0,281
CHR8	8009897	CHR8:8009897	SSF x Near_LoA	-7,911	-0,045	0,307
CHR8	8009904	CHR8:8009904	SSF x Near_LoA	-6,247	-0,145	0,274
CHR8	8009912	CHR8:8009912	SSF x Near_LoA	-2,917	0,021	0,297
CHR8	8009930	CHR8:8009930	SSF x Near_LoA	-8,860	-0,077	0,288
CHR8	8036426	CHR8:8036426	SSF x Near_LoA	-3,632	-0,170	0,294
CHR8	8036478	CHR8:8036478	SSF x Near_LoA	-5,178	-0,142	0,277
CHR8	8036570	CHR8:8036570	SSF x Near_LoA	-8,247	0,060	0,264
CHR8	8036571	CHR8:8036571	SSF x Near_LoA	-7,900	0,108	0,273
CHR8	8036607	CHR8:8036607	SSF x Near_LoA	-9,265	-0,021	0,285
CHR8	8041313	CHR8:8041313	SSF x Near_LoA	-6,925	-0,100	0,278
CHR8	8041370	CHR8:8041370	SSF x Near_LoA	-6,615	-0,101	0,278
CHR8	8043407	CHR8:8043407	SSF x Near_LoA	4,242	0,202	0,278
CHR8	8043414	CHR8:8043414	SSF x Near_LoA	-6,069	-0,046	0,284
CHR8	8053066	CHR8:8053066	SSF x Near_LoA	-7,798	0,075	0,278
CHR8	8053451	CHR8:8053451	SSF x Near_LoA	-7,272	-0,194	0,282
CHR8	8084424	CHR8:8084424	SSF x Near_LoA	-5,629	0,112	0,293
CHR8	8085366	CHR8:8085366	SSF x Near_LoA	-8,488	-0,152	0,284
CHR8	8085548	CHR8:8085548	SSF x Near_LoA	-10,552	0,070	0,277
CHR8	8085573	CHR8:8085573	SSF x Near_LoA	-10,792	0,054	0,292
CHR8	8088163	CHR8:8088163	SSF x Near_LoA	-8,763	-0,108	0,299
CHR8	8088211	CHR8:8088211	SSF x Near_LoA	-5,641	-0,067	0,292
CHR8	8092017	CHR8:8092017	SSF x Near_LoA	-7,632	0,041	0,300
CHR8	8121235	CHR8:8121235	SSF x Near_LoA	-9,142	0,009	0,275
CHR8	8146615	CHR8:8146615	SSF x Near_LoA	-6,270	0,073	0,280

CHR8	8146661	CHR8:8146661	SSF x Near_LoA	-9,389	0,015	0,285
CHR8	8146670	CHR8:8146670	SSF x Near_LoA	-5,676	-0,163	0,273
CHR8	8151963	CHR8:8151963	SSF x Near_LoA	-6,523	0,141	0,277
CHR8	8152066	CHR8:8152066	SSF x Near_LoA	-6,026	-0,141	0,283
CHR8	8152206	CHR8:8152206	SSF x Near_LoA	-7,243	0,089	0,282
CHR8	8152218	CHR8:8152218	SSF x Near_LoA	-6,845	0,094	0,288
CHR8	8154211	CHR8:8154211	SSF x Near_LoA	-9,753	-0,064	0,289
CHR8	8154257	CHR8:8154257	SSF x Near_LoA	-8,039	-0,087	0,275
CHR8	8158473	CHR8:8158473	SSF x Near_LoA	-8,096	-0,140	0,274
CHR8	8159439	CHR8:8159439	SSF x Near_LoA	-7,681	0,146	0,293
CHR8	8159469	CHR8:8159469	SSF x Near_LoA	-4,969	0,169	0,286
CHR8	8172103	CHR8:8172103	SSF x Near_LoA	-8,919	-0,125	0,292
CHR8	8172157	CHR8:8172157	SSF x Near_LoA	-7,338	0,050	0,279
CHR8	8172331	CHR8:8172331	SSF x Near_LoA	-8,772	-0,012	0,293
CHR8	8178451	CHR8:8178451	SSF x Near_LoA	-8,102	-0,080	0,289
CHR8	8214547	CHR8:8214547	SSF x Near_LoA	-7,567	0,074	0,280
CHR8	8214569	CHR8:8214569	SSF x Near_LoA	-8,318	0,117	0,275
CHR8	8214627	CHR8:8214627	SSF x Near_LoA	-8,079	0,038	0,295
CHR8	8218435	CHR8:8218435	SSF x Near_LoA	-9,238	0,084	0,278
CHR8	8218444	CHR8:8218444	SSF x Near_LoA	-8,145	0,079	0,286
CHR8	8218585	CHR8:8218585	SSF x Near_LoA	-8,579	-0,117	0,285
CHR8	8224699	CHR8:8224699	SSF x Near_LoA	-6,561	0,040	0,276
CHR8	8224704	CHR8:8224704	SSF x Near_LoA	-8,852	0,031	0,269
CHR8	8224731	CHR8:8224731	SSF x Near_LoA	-8,565	0,037	0,278
CHR8	8224762	CHR8:8224762	SSF x Near_LoA	-8,713	-0,014	0,280
CHR8	8224771	CHR8:8224771	SSF x Near_LoA	-6,326	-0,098	0,271
CHR8	8224879	CHR8:8224879	SSF x Near_LoA	-10,850	0,052	0,274
CHR8	8225018	CHR8:8225018	SSF x Near_LoA	-3,163	0,064	0,273
CHR8	8243774	CHR8:8243774	SSF x Near_LoA	-10,106	-0,045	0,286
CHR8	8243786	CHR8:8243786	SSF x Near_LoA	-7,344	0,077	0,269
CHR8	8246617	CHR8:8246617	SSF x Near_LoA	-1,744	-0,163	0,283
CHR8	8246645	CHR8:8246645	SSF x Near_LoA	-8,691	0,114	0,272
CHR8	8246656	CHR8:8246656	SSF x Near_LoA	-5,558	0,130	0,280
CHR8	8246713	CHR8:8246713	SSF x Near_LoA	-10,390	0,039	0,252
CHR8	8246733	CHR8:8246733	SSF x Near_LoA	-0,766	-0,038	0,288
CHR8	824722	CHR8:824722	SSF x Near_LoA	-6,162	0,037	0,296
CHR8	824789	CHR8:824789	SSF x Near_LoA	-6,900	-0,017	0,297
CHR8	824894	CHR8:824894	SSF x Near_LoA	-9,819	0,050	0,291
CHR8	8262071	CHR8:8262071	SSF x Near_LoA	-9,367	-0,002	0,293
CHR8	8262096	CHR8:8262096	SSF x Near_LoA	-8,938	0,019	0,278
CHR8	8262117	CHR8:8262117	SSF x Near_LoA	-9,741	0,009	0,280
CHR8	8262213	CHR8:8262213	SSF x Near_LoA	-8,396	0,056	0,281
CHR8	8262398	CHR8:8262398	SSF x Near_LoA	-7,405	0,129	0,279
CHR8	8289883	CHR8:8289883	SSF x Near_LoA	-8,809	-0,148	0,292
CHR8	8289892	CHR8:8289892	SSF x Near_LoA	-6,708	-0,167	0,286
CHR8	8289908	CHR8:8289908	SSF x Near_LoA	-7,724	0,094	0,276
CHR8	8289953	CHR8:8289953	SSF x Near_LoA	1,148	0,118	0,292
CHR8	8289958	CHR8:8289958	SSF x Near_LoA	-5,311	0,137	0,294
CHR8	8289964	CHR8:8289964	SSF x Near_LoA	-7,709	-0,151	0,283
CHR8	8289973	CHR8:8289973	SSF x Near_LoA	-4,955	0,149	0,279
CHR8	8289989	CHR8:8289989	SSF x Near_LoA	-6,127	-0,050	0,295
CHR8	8290018	CHR8:8290018	SSF x Near_LoA	-7,169	-0,008	0,284
CHR8	8316531	CHR8:8316531	SSF x Near_LoA	-8,752	-0,105	0,295

CHR8	8316610	CHR8:8316610	SSF x Near_LoA	-8,783	-0,111	0,290
CHR8	8316682	CHR8:8316682	SSF x Near_LoA	-7,529	-0,118	0,292
CHR8	8332959	CHR8:8332959	SSF x Near_LoA	-8,585	-0,021	0,296
CHR8	8395802	CHR8:8395802	SSF x Near_LoA	-6,055	0,109	0,286
CHR8	8395823	CHR8:8395823	SSF x Near_LoA	-4,338	0,131	0,282
CHR8	8395890	CHR8:8395890	SSF x Near_LoA	-8,079	-0,080	0,291
CHR8	8395942	CHR8:8395942	SSF x Near_LoA	-4,458	0,164	0,269
CHR8	8395952	CHR8:8395952	SSF x Near_LoA	-7,687	-0,144	0,283
CHR8	842157	CHR8:842157	SSF x Near_LoA	-8,410	0,068	0,300
CHR8	8424732	CHR8:8424732	SSF x Near_LoA	-8,606	-0,029	0,281
CHR8	8424776	CHR8:8424776	SSF x Near_LoA	-8,010	-0,051	0,296
CHR8	8424906	CHR8:8424906	SSF x Near_LoA	-6,302	0,142	0,295
CHR8	8424915	CHR8:8424915	SSF x Near_LoA	-8,883	-0,042	0,291
CHR8	8431846	CHR8:8431846	SSF x Near_LoA	-8,411	0,065	0,292
CHR8	8432057	CHR8:8432057	SSF x Near_LoA	2,825	-0,228	0,275
CHR8	8432091	CHR8:8432091	SSF x Near_LoA	-4,541	-0,201	0,269
CHR8	8436979	CHR8:8436979	SSF x Near_LoA	-5,683	-0,080	0,287
CHR8	8436981	CHR8:8436981	SSF x Near_LoA	-7,818	0,031	0,290
CHR8	8436988	CHR8:8436988	SSF x Near_LoA	-8,129	0,042	0,284
CHR8	8436992	CHR8:8436992	SSF x Near_LoA	-8,838	0,063	0,282
CHR8	8437014	CHR8:8437014	SSF x Near_LoA	-9,569	-0,084	0,265
CHR8	8437122	CHR8:8437122	SSF x Near_LoA	-7,669	-0,002	0,289
CHR8	8437209	CHR8:8437209	SSF x Near_LoA	-7,289	-0,165	0,274
CHR8	846004	CHR8:846004	SSF x Near_LoA	-8,349	-0,097	0,305
CHR8	846047	CHR8:846047	SSF x Near_LoA	-4,847	-0,091	0,293
CHR8	8475127	CHR8:8475127	SSF x Near_LoA	-7,195	-0,153	0,269
CHR8	8475247	CHR8:8475247	SSF x Near_LoA	-7,876	0,007	0,293
CHR8	8475324	CHR8:8475324	SSF x Near_LoA	-8,543	-0,002	0,282
CHR8	8484194	CHR8:8484194	SSF x Near_LoA	-6,938	-0,084	0,288
CHR8	8484239	CHR8:8484239	SSF x Near_LoA	3,209	-0,124	0,287
CHR8	8484240	CHR8:8484240	SSF x Near_LoA	-9,248	-0,094	0,279
CHR8	8484362	CHR8:8484362	SSF x Near_LoA	-6,021	-0,176	0,271
CHR8	8484389	CHR8:8484389	SSF x Near_LoA	-6,966	-0,189	0,280
CHR8	8508467	CHR8:8508467	SSF x Near_LoA	-7,196	-0,123	0,278
CHR8	8514452	CHR8:8514452	SSF x Near_LoA	-6,793	-0,020	0,287
CHR8	8514507	CHR8:8514507	SSF x Near_LoA	-7,049	-0,093	0,289
CHR8	8514645	CHR8:8514645	SSF x Near_LoA	-8,032	-0,048	0,285
CHR8	8519598	CHR8:8519598	SSF x Near_LoA	-3,919	0,105	0,277
CHR8	8526884	CHR8:8526884	SSF x Near_LoA	-8,816	-0,006	0,273
CHR8	8533725	CHR8:8533725	SSF x Near_LoA	-6,759	-0,020	0,287
CHR8	8533857	CHR8:8533857	SSF x Near_LoA	-6,611	0,118	0,285
CHR8	8553769	CHR8:8553769	SSF x Near_LoA	-5,486	0,174	0,260
CHR8	8553827	CHR8:8553827	SSF x Near_LoA	-2,472	0,201	0,273
CHR8	8554012	CHR8:8554012	SSF x Near_LoA	0,875	-0,237	0,284
CHR8	8599914	CHR8:8599914	SSF x Near_LoA	-6,160	0,138	0,279
CHR8	8600002	CHR8:8600002	SSF x Near_LoA	-7,461	-0,050	0,293
CHR8	8606372	CHR8:8606372	SSF x Near_LoA	-5,990	0,120	0,294
CHR8	8606387	CHR8:8606387	SSF x Near_LoA	-6,324	0,070	0,310
CHR8	8625236	CHR8:8625236	SSF x Near_LoA	-9,988	-0,050	0,288
CHR8	8625317	CHR8:8625317	SSF x Near_LoA	-8,882	0,058	0,294
CHR8	8627648	CHR8:8627648	SSF x Near_LoA	-6,708	0,152	0,297
CHR8	8643697	CHR8:8643697	SSF x Near_LoA	-7,921	-0,096	0,287
CHR8	8644128	CHR8:8644128	SSF x Near_LoA	-5,189	0,136	0,282

CHR8	8646641	CHR8:8646641	SSF x Near_LoA	-7,267	0,045	0,290
CHR8	8646901	CHR8:8646901	SSF x Near_LoA	-10,080	-0,049	0,294
CHR8	8646970	CHR8:8646970	SSF x Near_LoA	-7,875	-0,141	0,286
CHR8	864832	CHR8:864832	SSF x Near_LoA	-6,693	0,083	0,290
CHR8	865635	CHR8:865635	SSF x Near_LoA	-7,813	0,005	0,286
CHR8	865637	CHR8:865637	SSF x Near_LoA	-6,261	0,021	0,294
CHR8	865641	CHR8:865641	SSF x Near_LoA	-10,007	0,039	0,287
CHR8	8657502	CHR8:8657502	SSF x Near_LoA	-9,262	-0,035	0,295
CHR8	8657532	CHR8:8657532	SSF x Near_LoA	-5,485	0,066	0,299
CHR8	8657587	CHR8:8657587	SSF x Near_LoA	-7,230	0,129	0,296
CHR8	865935	CHR8:865935	SSF x Near_LoA	-7,368	0,111	0,281
CHR8	865965	CHR8:865965	SSF x Near_LoA	-7,136	0,007	0,294
CHR8	865984	CHR8:865984	SSF x Near_LoA	-7,440	-0,047	0,286
CHR8	866024	CHR8:866024	SSF x Near_LoA	-9,626	0,003	0,306
CHR8	866042	CHR8:866042	SSF x Near_LoA	-7,802	0,052	0,297
CHR8	8675662	CHR8:8675662	SSF x Near_LoA	-4,456	0,266	0,263
CHR8	8675716	CHR8:8675716	SSF x Near_LoA	-6,881	-0,118	0,286
CHR8	8677378	CHR8:8677378	SSF x Near_LoA	-6,380	0,184	0,270
CHR8	8677481	CHR8:8677481	SSF x Near_LoA	-7,498	-0,071	0,288
CHR8	8677493	CHR8:8677493	SSF x Near_LoA	-7,602	0,039	0,273
CHR8	8684542	CHR8:8684542	SSF x Near_LoA	-8,400	0,006	0,280
CHR8	8684543	CHR8:8684543	SSF x Near_LoA	-10,256	-0,016	0,297
CHR8	8684570	CHR8:8684570	SSF x Near_LoA	-9,105	0,059	0,302
CHR8	8684665	CHR8:8684665	SSF x Near_LoA	-8,210	-0,090	0,294
CHR8	8684702	CHR8:8684702	SSF x Near_LoA	-5,488	0,179	0,276
CHR8	8684717	CHR8:8684717	SSF x Near_LoA	-7,446	-0,132	0,287
CHR8	8689573	CHR8:8689573	SSF x Near_LoA	-10,227	0,038	0,278
CHR8	8701251	CHR8:8701251	SSF x Near_LoA	-9,473	0,033	0,296
CHR8	8701363	CHR8:8701363	SSF x Near_LoA	-9,464	0,067	0,284
CHR8	8701399	CHR8:8701399	SSF x Near_LoA	-9,503	-0,062	0,297
CHR8	8729210	CHR8:8729210	SSF x Near_LoA	-6,860	-0,138	0,278
CHR8	8731668	CHR8:8731668	SSF x Near_LoA	-8,121	-0,066	0,278
CHR8	8737785	CHR8:8737785	SSF x Near_LoA	-9,608	0,052	0,279
CHR8	8737789	CHR8:8737789	SSF x Near_LoA	-6,383	0,041	0,288
CHR8	8737810	CHR8:8737810	SSF x Near_LoA	-5,183	0,038	0,271
CHR8	8737880	CHR8:8737880	SSF x Near_LoA	-8,801	0,023	0,269
CHR8	8737905	CHR8:8737905	SSF x Near_LoA	-6,705	0,018	0,276
CHR8	8737934	CHR8:8737934	SSF x Near_LoA	-7,027	0,082	0,292
CHR8	8737955	CHR8:8737955	SSF x Near_LoA	-8,081	-0,012	0,288
CHR8	8738928	CHR8:8738928	SSF x Near_LoA	-9,070	-0,100	0,291
CHR8	8739090	CHR8:8739090	SSF x Near_LoA	-9,668	0,085	0,276
CHR8	8748514	CHR8:8748514	SSF x Near_LoA	0,593	-0,247	0,280
CHR8	8748525	CHR8:8748525	SSF x Near_LoA	-7,340	0,190	0,286
CHR8	8748587	CHR8:8748587	SSF x Near_LoA	-9,267	0,094	0,281
CHR8	8748642	CHR8:8748642	SSF x Near_LoA	-10,238	0,039	0,274
CHR8	8748742	CHR8:8748742	SSF x Near_LoA	-6,011	0,144	0,289
CHR8	8750509	CHR8:8750509	SSF x Near_LoA	-9,082	-0,015	0,299
CHR8	8750581	CHR8:8750581	SSF x Near_LoA	-9,424	-0,008	0,300
CHR8	8758283	CHR8:8758283	SSF x Near_LoA	-4,010	0,146	0,281
CHR8	8758344	CHR8:8758344	SSF x Near_LoA	-7,849	-0,163	0,288
CHR8	8758352	CHR8:8758352	SSF x Near_LoA	-7,533	0,197	0,274
CHR8	8776826	CHR8:8776826	SSF x Near_LoA	-7,071	-0,065	0,295
CHR8	8776903	CHR8:8776903	SSF x Near_LoA	-7,818	-0,063	0,283

CHR8	8777019	CHR8:8777019	SSF x Near_LoA	-7,659	-0,046	0,282
CHR8	880242	CHR8:880242	SSF x Near_LoA	-8,656	-0,098	0,295
CHR8	8805044	CHR8:8805044	SSF x Near_LoA	-8,233	-0,046	0,292
CHR8	8805104	CHR8:8805104	SSF x Near_LoA	-9,011	0,092	0,280
CHR8	8805124	CHR8:8805124	SSF x Near_LoA	-10,258	0,012	0,278
CHR8	8805294	CHR8:8805294	SSF x Near_LoA	-11,037	-0,001	0,274
CHR8	8805304	CHR8:8805304	SSF x Near_LoA	-7,291	0,160	0,272
CHR8	8810301	CHR8:8810301	SSF x Near_LoA	-10,493	-0,061	0,290
CHR8	8815804	CHR8:8815804	SSF x Near_LoA	-8,795	0,027	0,291
CHR8	8815915	CHR8:8815915	SSF x Near_LoA	-9,046	-0,090	0,269
CHR8	8818017	CHR8:8818017	SSF x Near_LoA	-8,036	0,093	0,266
CHR8	8821972	CHR8:8821972	SSF x Near_LoA	-7,417	-0,042	0,282
CHR8	8822160	CHR8:8822160	SSF x Near_LoA	-8,085	0,085	0,285
CHR8	8822161	CHR8:8822161	SSF x Near_LoA	-9,903	0,068	0,285
CHR8	8824474	CHR8:8824474	SSF x Near_LoA	-10,888	0,022	0,273
CHR8	8824605	CHR8:8824605	SSF x Near_LoA	-7,587	-0,022	0,313
CHR8	8834160	CHR8:8834160	SSF x Near_LoA	-9,901	0,053	0,279
CHR8	8841633	CHR8:8841633	SSF x Near_LoA	0,199	-0,071	0,284
CHR8	8871647	CHR8:8871647	SSF x Near_LoA	-9,685	-0,008	0,285
CHR8	8871840	CHR8:8871840	SSF x Near_LoA	-8,765	0,029	0,278
CHR8	8871850	CHR8:8871850	SSF x Near_LoA	-3,691	-0,061	0,298
CHR8	8871966	CHR8:8871966	SSF x Near_LoA	-9,502	-0,066	0,280
CHR8	8889705	CHR8:8889705	SSF x Near_LoA	-7,848	-0,068	0,263
CHR8	8889796	CHR8:8889796	SSF x Near_LoA	-8,290	-0,048	0,270
CHR8	8891598	CHR8:8891598	SSF x Near_LoA	-7,041	-0,067	0,285
CHR8	8891634	CHR8:8891634	SSF x Near_LoA	-7,686	-0,068	0,292
CHR8	8891640	CHR8:8891640	SSF x Near_LoA	-6,213	-0,068	0,289
CHR8	8894852	CHR8:8894852	SSF x Near_LoA	-9,862	-0,018	0,281
CHR8	8895012	CHR8:8895012	SSF x Near_LoA	-6,375	-0,182	0,273
CHR8	8895028	CHR8:8895028	SSF x Near_LoA	-7,020	-0,163	0,277
CHR8	8922697	CHR8:8922697	SSF x Near_LoA	-9,842	-0,058	0,283
CHR8	8930162	CHR8:8930162	SSF x Near_LoA	-9,105	0,133	0,281
CHR8	8942875	CHR8:8942875	SSF x Near_LoA	-8,924	-0,116	0,292
CHR8	8944264	CHR8:8944264	SSF x Near_LoA	-7,718	0,031	0,271
CHR8	8954783	CHR8:8954783	SSF x Near_LoA	-8,868	0,119	0,286
CHR8	8957685	CHR8:8957685	SSF x Near_LoA	-6,809	-0,040	0,291
CHR8	8959745	CHR8:8959745	SSF x Near_LoA	-7,760	-0,013	0,296
CHR8	8960011	CHR8:8960011	SSF x Near_LoA	-11,086	0,007	0,278
CHR8	8987126	CHR8:8987126	SSF x Near_LoA	-10,776	0,041	0,283
CHR8	8987387	CHR8:8987387	SSF x Near_LoA	-8,723	0,002	0,300
CHR8	8991165	CHR8:8991165	SSF x Near_LoA	6,170	-0,023	0,281
CHR8	9007650	CHR8:9007650	SSF x Near_LoA	-6,756	0,095	0,290
CHR8	9018157	CHR8:9018157	SSF x Near_LoA	-8,334	-0,091	0,285
CHR8	9018167	CHR8:9018167	SSF x Near_LoA	-8,398	-0,112	0,283
CHR8	9018327	CHR8:9018327	SSF x Near_LoA	-6,728	-0,062	0,307
CHR8	9024806	CHR8:9024806	SSF x Near_LoA	-7,736	-0,034	0,277
CHR8	9024858	CHR8:9024858	SSF x Near_LoA	-6,323	-0,199	0,271
CHR8	9024892	CHR8:9024892	SSF x Near_LoA	-9,274	0,065	0,287
CHR8	9024935	CHR8:9024935	SSF x Near_LoA	-6,940	0,120	0,298
CHR8	9032617	CHR8:9032617	SSF x Near_LoA	-8,535	-0,140	0,283
CHR8	9032703	CHR8:9032703	SSF x Near_LoA	-6,661	-0,105	0,280
CHR8	9032907	CHR8:9032907	SSF x Near_LoA	-10,810	0,014	0,286
CHR8	9041491	CHR8:9041491	SSF x Near_LoA	-8,021	0,131	0,283

CHR8	9041494	CHR8:9041494	SSF x Near_LoA	-7,072	-0,130	0,277
CHR8	9041554	CHR8:9041554	SSF x Near_LoA	-7,233	-0,136	0,262
CHR8	9041595	CHR8:9041595	SSF x Near_LoA	-7,934	0,142	0,274
CHR8	9041613	CHR8:9041613	SSF x Near_LoA	-6,119	0,137	0,270
CHR8	9042904	CHR8:9042904	SSF x Near_LoA	-6,537	-0,027	0,292
CHR8	9073348	CHR8:9073348	SSF x Near_LoA	-6,948	0,110	0,279
CHR8	9073355	CHR8:9073355	SSF x Near_LoA	-5,527	0,167	0,287
CHR8	9074836	CHR8:9074836	SSF x Near_LoA	-9,536	-0,016	0,278
CHR8	9079361	CHR8:9079361	SSF x Near_LoA	-8,200	0,084	0,287
CHR8	9079397	CHR8:9079397	SSF x Near_LoA	-8,221	0,097	0,285
CHR8	9079409	CHR8:9079409	SSF x Near_LoA	-9,302	0,078	0,301
CHR8	9079410	CHR8:9079410	SSF x Near_LoA	-7,893	0,092	0,293
CHR8	9079573	CHR8:9079573	SSF x Near_LoA	-5,407	0,069	0,288
CHR8	9079679	CHR8:9079679	SSF x Near_LoA	-10,008	-0,046	0,295
CHR8	9082958	CHR8:9082958	SSF x Near_LoA	-5,996	0,095	0,297
CHR8	9083005	CHR8:9083005	SSF x Near_LoA	-10,261	-0,002	0,285
CHR8	9083142	CHR8:9083142	SSF x Near_LoA	-8,464	-0,018	0,304
CHR8	9086777	CHR8:9086777	SSF x Near_LoA	-7,870	0,031	0,296
CHR8	9091450	CHR8:9091450	SSF x Near_LoA	-4,810	-0,215	0,272
CHR8	9091547	CHR8:9091547	SSF x Near_LoA	-10,613	-0,056	0,285
CHR8	9091615	CHR8:9091615	SSF x Near_LoA	-4,488	-0,198	0,262
CHR8	9091618	CHR8:9091618	SSF x Near_LoA	-7,137	-0,081	0,280
CHR8	9091672	CHR8:9091672	SSF x Near_LoA	-6,883	-0,058	0,293
CHR8	9101965	CHR8:9101965	SSF x Near_LoA	-4,415	-0,184	0,279
CHR8	9106210	CHR8:9106210	SSF x Near_LoA	-6,590	0,044	0,284
CHR8	9106240	CHR8:9106240	SSF x Near_LoA	-9,387	0,109	0,290
CHR8	9106253	CHR8:9106253	SSF x Near_LoA	-3,776	0,131	0,276
CHR8	9106281	CHR8:9106281	SSF x Near_LoA	-5,730	0,126	0,280
CHR8	9106355	CHR8:9106355	SSF x Near_LoA	-7,831	-0,004	0,295
CHR8	9106367	CHR8:9106367	SSF x Near_LoA	-8,144	-0,057	0,279
CHR8	9109050	CHR8:9109050	SSF x Near_LoA	-8,521	-0,033	0,294
CHR8	9109251	CHR8:9109251	SSF x Near_LoA	-7,174	-0,169	0,283
CHR8	9109256	CHR8:9109256	SSF x Near_LoA	-5,341	-0,177	0,286
CHR8	9109339	CHR8:9109339	SSF x Near_LoA	-6,737	0,097	0,293
CHR8	9118995	CHR8:9118995	SSF x Near_LoA	-7,089	0,127	0,287
CHR8	9119046	CHR8:9119046	SSF x Near_LoA	-1,264	0,148	0,289
CHR8	9125864	CHR8:9125864	SSF x Near_LoA	-5,953	-0,103	0,294
CHR8	9125875	CHR8:9125875	SSF x Near_LoA	-6,541	-0,079	0,286
CHR8	9125945	CHR8:9125945	SSF x Near_LoA	-7,751	-0,015	0,284
CHR8	9125966	CHR8:9125966	SSF x Near_LoA	-5,066	0,093	0,283
CHR8	9125994	CHR8:9125994	SSF x Near_LoA	-10,723	-0,047	0,293
CHR8	9126148	CHR8:9126148	SSF x Near_LoA	-9,864	-0,078	0,286
CHR8	9127585	CHR8:9127585	SSF x Near_LoA	-4,131	0,205	0,286
CHR8	9127638	CHR8:9127638	SSF x Near_LoA	-5,519	0,213	0,274
CHR8	9133257	CHR8:9133257	SSF x Near_LoA	-8,038	0,032	0,285
CHR8	9133319	CHR8:9133319	SSF x Near_LoA	-7,832	-0,021	0,265
CHR8	9133321	CHR8:9133321	SSF x Near_LoA	-8,321	-0,161	0,276
CHR8	9134019	CHR8:9134019	SSF x Near_LoA	-6,481	-0,082	0,265
CHR8	9135896	CHR8:9135896	SSF x Near_LoA	-8,359	-0,036	0,286
CHR8	9135902	CHR8:9135902	SSF x Near_LoA	-7,990	-0,037	0,299
CHR8	9136014	CHR8:9136014	SSF x Near_LoA	-8,586	0,044	0,287
CHR8	9141908	CHR8:9141908	SSF x Near_LoA	-6,966	-0,117	0,291
CHR8	9141942	CHR8:9141942	SSF x Near_LoA	-6,914	-0,121	0,263

CHR8	9151147	CHR8:9151147	SSF x Near_LoA	-7,202	-0,108	0,287
CHR8	9151163	CHR8:9151163	SSF x Near_LoA	-9,102	-0,010	0,283
CHR8	9151230	CHR8:9151230	SSF x Near_LoA	-7,352	-0,118	0,272
CHR8	9151331	CHR8:9151331	SSF x Near_LoA	-6,502	-0,114	0,301
CHR8	9157976	CHR8:9157976	SSF x Near_LoA	-8,765	0,081	0,281
CHR8	9158056	CHR8:9158056	SSF x Near_LoA	-8,872	-0,019	0,297
CHR8	9165970	CHR8:9165970	SSF x Near_LoA	-8,586	0,046	0,300
CHR8	9166179	CHR8:9166179	SSF x Near_LoA	-8,418	-0,104	0,274
CHR8	9187704	CHR8:9187704	SSF x Near_LoA	-7,508	-0,163	0,286
CHR8	9216024	CHR8:9216024	SSF x Near_LoA	-9,484	0,093	0,285
CHR8	9216287	CHR8:9216287	SSF x Near_LoA	-5,770	-0,134	0,268
CHR8	9219640	CHR8:9219640	SSF x Near_LoA	-10,196	0,121	0,286
CHR8	9222463	CHR8:9222463	SSF x Near_LoA	-9,307	-0,084	0,292
CHR8	9226359	CHR8:9226359	SSF x Near_LoA	-6,864	-0,038	0,299
CHR8	9226398	CHR8:9226398	SSF x Near_LoA	-10,652	-0,076	0,303
CHR8	9226403	CHR8:9226403	SSF x Near_LoA	-6,321	-0,075	0,283
CHR8	9226518	CHR8:9226518	SSF x Near_LoA	-9,125	-0,079	0,289
CHR8	9237315	CHR8:9237315	SSF x Near_LoA	-9,335	0,065	0,299
CHR8	925082	CHR8:925082	SSF x Near_LoA	-7,996	0,053	0,273
CHR8	925169	CHR8:925169	SSF x Near_LoA	-8,829	0,031	0,281
CHR8	925203	CHR8:925203	SSF x Near_LoA	-8,595	0,067	0,276
CHR8	925292	CHR8:925292	SSF x Near_LoA	-1,724	0,208	0,282
CHR8	925346	CHR8:925346	SSF x Near_LoA	-9,524	-0,103	0,290
CHR8	925476	CHR8:925476	SSF x Near_LoA	-10,327	0,004	0,284
CHR8	9256277	CHR8:9256277	SSF x Near_LoA	-7,693	0,022	0,292
CHR8	9256414	CHR8:9256414	SSF x Near_LoA	-6,687	0,203	0,276
CHR8	9256456	CHR8:9256456	SSF x Near_LoA	-7,327	0,180	0,280
CHR8	927665	CHR8:927665	SSF x Near_LoA	-5,767	-0,156	0,287
CHR8	927679	CHR8:927679	SSF x Near_LoA	-9,709	-0,046	0,309
CHR8	927726	CHR8:927726	SSF x Near_LoA	-8,301	0,046	0,284
CHR8	9281627	CHR8:9281627	SSF x Near_LoA	-9,811	0,068	0,286
CHR8	9281661	CHR8:9281661	SSF x Near_LoA	-6,982	0,010	0,294
CHR8	9281689	CHR8:9281689	SSF x Near_LoA	-7,441	-0,123	0,276
CHR8	9281738	CHR8:9281738	SSF x Near_LoA	-5,081	-0,136	0,289
CHR8	9281747	CHR8:9281747	SSF x Near_LoA	-9,838	0,008	0,277
CHR8	9287883	CHR8:9287883	SSF x Near_LoA	-8,258	-0,011	0,282
CHR8	9287931	CHR8:9287931	SSF x Near_LoA	-7,635	0,015	0,279
CHR8	9288041	CHR8:9288041	SSF x Near_LoA	-7,354	0,154	0,266
CHR8	9312990	CHR8:9312990	SSF x Near_LoA	-7,711	-0,097	0,299
CHR8	9313046	CHR8:9313046	SSF x Near_LoA	-9,825	0,113	0,277
CHR8	9321829	CHR8:9321829	SSF x Near_LoA	-9,193	-0,091	0,288
CHR8	9327500	CHR8:9327500	SSF x Near_LoA	-10,256	-0,069	0,288
CHR8	9342927	CHR8:9342927	SSF x Near_LoA	-7,707	-0,031	0,279
CHR8	9343347	CHR8:9343347	SSF x Near_LoA	-7,059	0,106	0,290
CHR8	9346108	CHR8:9346108	SSF x Near_LoA	-8,120	-0,137	0,279
CHR8	9360179	CHR8:9360179	SSF x Near_LoA	-7,428	0,018	0,289
CHR8	9360206	CHR8:9360206	SSF x Near_LoA	-7,891	0,016	0,299
CHR8	9360286	CHR8:9360286	SSF x Near_LoA	-6,861	0,041	0,281
CHR8	9364304	CHR8:9364304	SSF x Near_LoA	-5,826	0,160	0,273
CHR8	937181	CHR8:937181	SSF x Near_LoA	1,562	0,125	0,283
CHR8	937411	CHR8:937411	SSF x Near_LoA	-7,838	-0,062	0,279
CHR8	937455	CHR8:937455	SSF x Near_LoA	-10,343	0,045	0,276
CHR8	937501	CHR8:937501	SSF x Near_LoA	-7,793	0,053	0,265

CHR8	937582	CHR8:937582	SSF x Near_LoA	-9,451	0,026	0,272
CHR8	937584	CHR8:937584	SSF x Near_LoA	-9,632	0,026	0,286
CHR8	937637	CHR8:937637	SSF x Near_LoA	-9,839	-0,064	0,283
CHR8	937662	CHR8:937662	SSF x Near_LoA	-6,248	0,155	0,278
CHR8	9381497	CHR8:9381497	SSF x Near_LoA	-10,485	0,023	0,283
CHR8	9381580	CHR8:9381580	SSF x Near_LoA	-7,480	0,007	0,274
CHR8	9414768	CHR8:9414768	SSF x Near_LoA	-7,263	-0,083	0,281
CHR8	9414846	CHR8:9414846	SSF x Near_LoA	-9,603	-0,041	0,285
CHR8	9414858	CHR8:9414858	SSF x Near_LoA	-6,110	-0,162	0,278
CHR8	9414925	CHR8:9414925	SSF x Near_LoA	-2,489	0,271	0,264
CHR8	9415015	CHR8:9415015	SSF x Near_LoA	-8,423	0,024	0,291
CHR8	942784	CHR8:942784	SSF x Near_LoA	-8,988	-0,002	0,293
CHR8	9434624	CHR8:9434624	SSF x Near_LoA	-9,451	0,006	0,284
CHR8	9434710	CHR8:9434710	SSF x Near_LoA	-9,673	-0,048	0,291
CHR8	9434722	CHR8:9434722	SSF x Near_LoA	-9,566	-0,025	0,295
CHR8	9434783	CHR8:9434783	SSF x Near_LoA	-7,598	-0,076	0,287
CHR8	9437440	CHR8:9437440	SSF x Near_LoA	-8,130	0,070	0,292
CHR8	9437506	CHR8:9437506	SSF x Near_LoA	-8,800	0,024	0,270
CHR8	9437550	CHR8:9437550	SSF x Near_LoA	-5,729	-0,102	0,291
CHR8	9437579	CHR8:9437579	SSF x Near_LoA	-8,268	0,061	0,284
CHR8	9443850	CHR8:9443850	SSF x Near_LoA	-7,328	-0,064	0,292
CHR8	9449934	CHR8:9449934	SSF x Near_LoA	-7,073	0,030	0,285
CHR8	9466128	CHR8:9466128	SSF x Near_LoA	-7,898	0,054	0,285
CHR8	9466150	CHR8:9466150	SSF x Near_LoA	-7,445	0,097	0,285
CHR8	948097	CHR8:948097	SSF x Near_LoA	-5,460	-0,007	0,291
CHR8	9514025	CHR8:9514025	SSF x Near_LoA	-8,798	-0,082	0,276
CHR8	9521536	CHR8:9521536	SSF x Near_LoA	-9,929	-0,006	0,282
CHR8	9521553	CHR8:9521553	SSF x Near_LoA	-8,347	0,143	0,289
CHR8	9521560	CHR8:9521560	SSF x Near_LoA	-10,118	-0,020	0,283
CHR8	9521566	CHR8:9521566	SSF x Near_LoA	-9,813	-0,001	0,288
CHR8	9539812	CHR8:9539812	SSF x Near_LoA	-7,824	-0,062	0,299
CHR8	9539842	CHR8:9539842	SSF x Near_LoA	-8,006	-0,011	0,289
CHR8	9542464	CHR8:9542464	SSF x Near_LoA	-8,042	0,142	0,282
CHR8	9544092	CHR8:9544092	SSF x Near_LoA	-7,419	0,061	0,297
CHR8	9544134	CHR8:9544134	SSF x Near_LoA	-5,813	-0,158	0,272
CHR8	9546131	CHR8:9546131	SSF x Near_LoA	-10,338	0,011	0,271
CHR8	9546195	CHR8:9546195	SSF x Near_LoA	-9,077	-0,075	0,284
CHR8	9546283	CHR8:9546283	SSF x Near_LoA	-7,371	-0,005	0,304
CHR8	9546291	CHR8:9546291	SSF x Near_LoA	-8,104	-0,006	0,307
CHR8	9553730	CHR8:9553730	SSF x Near_LoA	-7,985	0,001	0,283
CHR8	9553823	CHR8:9553823	SSF x Near_LoA	-2,945	0,173	0,278
CHR8	9553858	CHR8:9553858	SSF x Near_LoA	-5,749	0,143	0,281
CHR8	9554101	CHR8:9554101	SSF x Near_LoA	-1,751	-0,215	0,260
CHR8	9554110	CHR8:9554110	SSF x Near_LoA	-9,396	0,057	0,284
CHR8	9565493	CHR8:9565493	SSF x Near_LoA	-8,685	-0,011	0,273
CHR8	9565702	CHR8:9565702	SSF x Near_LoA	-7,684	0,105	0,288
CHR8	9569703	CHR8:9569703	SSF x Near_LoA	-4,039	0,202	0,268
CHR8	9569717	CHR8:9569717	SSF x Near_LoA	-9,778	-0,084	0,300
CHR8	9569814	CHR8:9569814	SSF x Near_LoA	-9,458	0,041	0,297
CHR8	9569848	CHR8:9569848	SSF x Near_LoA	-8,187	-0,041	0,278
CHR8	9569854	CHR8:9569854	SSF x Near_LoA	-9,881	0,004	0,278
CHR8	9569928	CHR8:9569928	SSF x Near_LoA	-9,552	0,133	0,273
CHR8	9576373	CHR8:9576373	SSF x Near_LoA	-8,856	0,011	0,279

CHR8	9585436	CHR8:9585436	SSF x Near_LoA	-4,237	0,028	0,289
CHR8	9585471	CHR8:9585471	SSF x Near_LoA	-8,594	-0,024	0,297
CHR8	9600863	CHR8:9600863	SSF x Near_LoA	-5,233	-0,158	0,287
CHR8	9600872	CHR8:9600872	SSF x Near_LoA	-10,046	-0,027	0,286
CHR8	9602572	CHR8:9602572	SSF x Near_LoA	-7,691	-0,152	0,281
CHR8	9609730	CHR8:9609730	SSF x Near_LoA	-6,851	-0,043	0,295
CHR8	9609796	CHR8:9609796	SSF x Near_LoA	-4,606	0,224	0,278
CHR8	9609841	CHR8:9609841	SSF x Near_LoA	-2,103	0,274	0,265
CHR8	9610014	CHR8:9610014	SSF x Near_LoA	-9,862	0,002	0,296
CHR8	9610048	CHR8:9610048	SSF x Near_LoA	-9,069	-0,045	0,277
CHR8	9610059	CHR8:9610059	SSF x Near_LoA	-6,709	0,023	0,281
CHR8	9628494	CHR8:9628494	SSF x Near_LoA	-8,730	0,064	0,294
CHR8	9628761	CHR8:9628761	SSF x Near_LoA	-5,352	-0,167	0,283
CHR8	9633541	CHR8:9633541	SSF x Near_LoA	-10,683	0,040	0,278
CHR8	9633564	CHR8:9633564	SSF x Near_LoA	-8,814	-0,166	0,279
CHR8	9639235	CHR8:9639235	SSF x Near_LoA	-6,574	0,052	0,284
CHR8	9655778	CHR8:9655778	SSF x Near_LoA	-7,074	0,087	0,278
CHR8	9655797	CHR8:9655797	SSF x Near_LoA	-6,743	0,072	0,303
CHR8	9655805	CHR8:9655805	SSF x Near_LoA	-8,172	-0,031	0,296
CHR8	9656033	CHR8:9656033	SSF x Near_LoA	-7,482	-0,073	0,289
CHR8	9658294	CHR8:9658294	SSF x Near_LoA	-9,453	0,033	0,280
CHR8	9658310	CHR8:9658310	SSF x Near_LoA	-7,142	0,115	0,271
CHR8	967992	CHR8:967992	SSF x Near_LoA	-8,926	0,153	0,283
CHR8	968000	CHR8:968000	SSF x Near_LoA	8,193	-0,121	0,290
CHR8	968038	CHR8:968038	SSF x Near_LoA	-9,523	-0,105	0,285
CHR8	968098	CHR8:968098	SSF x Near_LoA	-0,965	-0,139	0,292
CHR8	968124	CHR8:968124	SSF x Near_LoA	-9,361	0,026	0,296
CHR8	9682939	CHR8:9682939	SSF x Near_LoA	-7,930	0,086	0,291
CHR8	9683153	CHR8:9683153	SSF x Near_LoA	-9,270	0,049	0,275
CHR8	9688866	CHR8:9688866	SSF x Near_LoA	-5,830	0,181	0,285
CHR8	9701146	CHR8:9701146	SSF x Near_LoA	-6,677	-0,082	0,281
CHR8	9711081	CHR8:9711081	SSF x Near_LoA	-9,076	0,069	0,272
CHR8	9711432	CHR8:9711432	SSF x Near_LoA	-8,171	-0,059	0,291
CHR8	9723214	CHR8:9723214	SSF x Near_LoA	-7,298	0,126	0,272
CHR8	9750279	CHR8:9750279	SSF x Near_LoA	-1,898	-0,207	0,271
CHR8	9750291	CHR8:9750291	SSF x Near_LoA	1,785	-0,272	0,270
CHR8	9750369	CHR8:9750369	SSF x Near_LoA	-1,390	-0,263	0,270
CHR8	9750396	CHR8:9750396	SSF x Near_LoA	-7,044	0,210	0,261
CHR8	9764352	CHR8:9764352	SSF x Near_LoA	-10,582	0,060	0,277
CHR8	9764503	CHR8:9764503	SSF x Near_LoA	-4,594	-0,157	0,286
CHR8	9793053	CHR8:9793053	SSF x Near_LoA	-7,341	0,171	0,287
CHR8	9809284	CHR8:9809284	SSF x Near_LoA	-10,284	0,073	0,276
CHR8	9838117	CHR8:9838117	SSF x Near_LoA	-4,166	-0,151	0,287
CHR8	9847023	CHR8:9847023	SSF x Near_LoA	-6,433	-0,024	0,295
CHR8	9847150	CHR8:9847150	SSF x Near_LoA	-10,861	0,011	0,273
CHR8	9850184	CHR8:9850184	SSF x Near_LoA	-8,776	-0,023	0,284
CHR8	9850727	CHR8:9850727	SSF x Near_LoA	-7,390	0,053	0,293
CHR8	9852170	CHR8:9852170	SSF x Near_LoA	-5,876	0,065	0,288
CHR8	9855085	CHR8:9855085	SSF x Near_LoA	-7,554	0,115	0,288
CHR8	9871577	CHR8:9871577	SSF x Near_LoA	-7,226	-0,001	0,294
CHR8	9884731	CHR8:9884731	SSF x Near_LoA	-5,950	-0,165	0,284
CHR8	9927910	CHR8:9927910	SSF x Near_LoA	-7,309	0,083	0,293
CHR8	9942712	CHR8:9942712	SSF x Near_LoA	-9,564	0,039	0,292

CHR8	9942781	CHR8:9942781	SSF x Near_LoA	-4,936	-0,273	0,257
CHR8	9948137	CHR8:9948137	SSF x Near_LoA	-7,850	-0,104	0,287
CHR8	9956224	CHR8:9956224	SSF x Near_LoA	-10,208	-0,139	0,274
CHR8	9970393	CHR8:9970393	SSF x Near_LoA	-6,988	0,022	0,305
CHR8	9970615	CHR8:9970615	SSF x Near_LoA	-7,508	0,044	0,293
CHR8	9972906	CHR8:9972906	SSF x Near_LoA	-3,480	-0,013	0,306
CHR8	9972922	CHR8:9972922	SSF x Near_LoA	-7,577	-0,021	0,292
CHR8	9972949	CHR8:9972949	SSF x Near_LoA	-7,663	-0,010	0,307
CHR8	9972950	CHR8:9972950	SSF x Near_LoA	-7,815	-0,079	0,288
CHR8	9997537	CHR8:9997537	SSF x Near_LoA	-6,711	0,000	0,301
CHR8	9997610	CHR8:9997610	SSF x Near_LoA	-6,604	-0,119	0,286
CHR8	9997620	CHR8:9997620	SSF x Near_LoA	-6,793	-0,064	0,311
CHR8	9997733	CHR8:9997733	SSF x Near_LoA	-7,809	0,015	0,294
CHR9	1E+07	CHR9:10004235	SSF x Near_LoA	-9,300	0,154	0,280
CHR9	1E+07	CHR9:10010897	SSF x Near_LoA	-7,255	0,128	0,288
CHR9	1E+07	CHR9:10010972	SSF x Near_LoA	-8,250	0,022	0,278
CHR9	1E+07	CHR9:10011137	SSF x Near_LoA	-7,970	0,027	0,284
CHR9	1E+07	CHR9:10036428	SSF x Near_LoA	-7,823	0,008	0,285
CHR9	1E+07	CHR9:10046111	SSF x Near_LoA	-9,376	0,017	0,297
CHR9	1E+07	CHR9:10046388	SSF x Near_LoA	-9,854	-0,022	0,275
CHR9	1E+07	CHR9:10046463	SSF x Near_LoA	-6,922	0,042	0,300
CHR9	1E+07	CHR9:10046464	SSF x Near_LoA	-10,714	0,015	0,276
CHR9	1E+07	CHR9:10046489	SSF x Near_LoA	-8,342	0,071	0,275
CHR9	1E+07	CHR9:10046556	SSF x Near_LoA	-5,515	-0,198	0,271
CHR9	1E+07	CHR9:10070432	SSF x Near_LoA	-7,128	0,153	0,291
CHR9	1E+07	CHR9:10070464	SSF x Near_LoA	-6,262	0,173	0,277
CHR9	1E+07	CHR9:10070710	SSF x Near_LoA	-6,820	0,144	0,294
CHR9	1E+07	CHR9:10070818	SSF x Near_LoA	-7,056	0,017	0,284
CHR9	1E+07	CHR9:10078816	SSF x Near_LoA	-9,955	-0,092	0,285
CHR9	1E+07	CHR9:10080942	SSF x Near_LoA	-10,267	0,053	0,288
CHR9	1E+07	CHR9:10080955	SSF x Near_LoA	-10,117	0,029	0,297
CHR9	1E+07	CHR9:10080958	SSF x Near_LoA	-8,638	0,013	0,274
CHR9	1E+07	CHR9:10082642	SSF x Near_LoA	-9,291	0,004	0,292
CHR9	1E+07	CHR9:10101890	SSF x Near_LoA	-8,544	0,161	0,280
CHR9	1E+07	CHR9:10107090	SSF x Near_LoA	-6,350	-0,248	0,270
CHR9	1E+07	CHR9:10107095	SSF x Near_LoA	-9,140	0,028	0,282
CHR9	1E+07	CHR9:10107131	SSF x Near_LoA	-7,802	0,092	0,268
CHR9	1E+07	CHR9:10122246	SSF x Near_LoA	-9,644	0,100	0,290
CHR9	1E+07	CHR9:10122319	SSF x Near_LoA	-8,342	-0,169	0,281
CHR9	1E+07	CHR9:10124859	SSF x Near_LoA	-10,740	-0,008	0,282
CHR9	1E+07	CHR9:10155312	SSF x Near_LoA	-9,608	-0,001	0,296
CHR9	1E+07	CHR9:10155315	SSF x Near_LoA	-6,457	0,091	0,294
CHR9	1E+07	CHR9:10155465	SSF x Near_LoA	-2,989	0,111	0,274
CHR9	1E+07	CHR9:10155476	SSF x Near_LoA	-8,806	0,035	0,282
CHR9	1E+07	CHR9:10155516	SSF x Near_LoA	-7,635	0,072	0,292
CHR9	1E+07	CHR9:10155526	SSF x Near_LoA	-4,272	-0,100	0,279
CHR9	1E+07	CHR9:10155580	SSF x Near_LoA	-9,278	-0,007	0,284
CHR9	1E+07	CHR9:10155607	SSF x Near_LoA	-8,377	0,004	0,285
CHR9	1E+07	CHR9:10160264	SSF x Near_LoA	2,581	-0,192	0,277
CHR9	1E+07	CHR9:10175876	SSF x Near_LoA	-8,271	-0,071	0,284
CHR9	1E+07	CHR9:10188583	SSF x Near_LoA	-5,840	-0,036	0,293
CHR9	1E+07	CHR9:10201619	SSF x Near_LoA	-5,784	0,076	0,284
CHR9	1E+07	CHR9:10207357	SSF x Near_LoA	-5,473	0,046	0,294

CHR9	1E+07	CHR9:10210531	SSF x Near_LoA	-7,316	0,034	0,275
CHR9	1E+07	CHR9:10210542	SSF x Near_LoA	-8,332	0,058	0,276
CHR9	1E+07	CHR9:10217309	SSF x Near_LoA	-9,005	-0,159	0,273
CHR9	1E+07	CHR9:10217330	SSF x Near_LoA	-10,362	0,049	0,278
CHR9	1E+07	CHR9:10227529	SSF x Near_LoA	-9,813	0,061	0,298
CHR9	1E+07	CHR9:10246405	SSF x Near_LoA	-6,678	0,150	0,277
CHR9	1E+07	CHR9:10246413	SSF x Near_LoA	-10,101	0,083	0,282
CHR9	1E+07	CHR9:10246418	SSF x Near_LoA	-5,307	0,201	0,273
CHR9	1E+07	CHR9:10246493	SSF x Near_LoA	-8,108	-0,099	0,275
CHR9	1E+07	CHR9:10246519	SSF x Near_LoA	-8,618	-0,069	0,283
CHR9	1E+07	CHR9:10246609	SSF x Near_LoA	-3,935	0,164	0,287
CHR9	1E+07	CHR9:10257919	SSF x Near_LoA	-10,301	-0,084	0,281
CHR9	1E+07	CHR9:10257954	SSF x Near_LoA	-8,992	-0,036	0,303
CHR9	1E+07	CHR9:10258067	SSF x Near_LoA	-6,662	-0,134	0,274
CHR9	1E+07	CHR9:10258159	SSF x Near_LoA	-9,344	0,005	0,281
CHR9	1E+07	CHR9:10288712	SSF x Near_LoA	-8,093	0,034	0,270
CHR9	1031119	CHR9:1031119	SSF x Near_LoA	-6,801	0,189	0,278
CHR9	1031123	CHR9:1031123	SSF x Near_LoA	-8,062	0,144	0,274
CHR9	1031129	CHR9:1031129	SSF x Near_LoA	-9,548	0,043	0,280
CHR9	1031135	CHR9:1031135	SSF x Near_LoA	-9,021	0,038	0,279
CHR9	1031153	CHR9:1031153	SSF x Near_LoA	-2,976	0,211	0,277
CHR9	1031194	CHR9:1031194	SSF x Near_LoA	-7,454	0,022	0,294
CHR9	1031195	CHR9:1031195	SSF x Near_LoA	-9,762	0,046	0,287
CHR9	1031371	CHR9:1031371	SSF x Near_LoA	-7,946	-0,103	0,283
CHR9	1E+07	CHR9:10319195	SSF x Near_LoA	-8,026	0,102	0,272
CHR9	1E+07	CHR9:10319325	SSF x Near_LoA	-10,133	-0,003	0,289
CHR9	1E+07	CHR9:10319400	SSF x Near_LoA	-6,144	-0,125	0,286
CHR9	1E+07	CHR9:10319426	SSF x Near_LoA	-6,689	-0,192	0,274
CHR9	1E+07	CHR9:10322862	SSF x Near_LoA	-4,999	-0,181	0,255
CHR9	1E+07	CHR9:10322900	SSF x Near_LoA	-8,284	-0,005	0,273
CHR9	1036668	CHR9:1036668	SSF x Near_LoA	-8,129	-0,014	0,290
CHR9	1E+07	CHR9:10367556	SSF x Near_LoA	-7,742	-0,126	0,287
CHR9	1E+07	CHR9:10370423	SSF x Near_LoA	-8,671	-0,052	0,279
CHR9	1E+07	CHR9:10370437	SSF x Near_LoA	-9,248	0,120	0,280
CHR9	1E+07	CHR9:10375601	SSF x Near_LoA	-7,905	-0,041	0,279
CHR9	1E+07	CHR9:10384179	SSF x Near_LoA	-5,504	-0,240	0,280
CHR9	1E+07	CHR9:10384349	SSF x Near_LoA	-5,656	-0,147	0,272
CHR9	1E+07	CHR9:10410741	SSF x Near_LoA	-6,768	-0,138	0,303
CHR9	1E+07	CHR9:10410838	SSF x Near_LoA	-9,023	-0,079	0,286
CHR9	1E+07	CHR9:10410859	SSF x Near_LoA	-5,438	0,056	0,290
CHR9	1E+07	CHR9:10426745	SSF x Near_LoA	-6,850	0,124	0,287
CHR9	1E+07	CHR9:10426777	SSF x Near_LoA	-6,450	-0,143	0,281
CHR9	1E+07	CHR9:10426845	SSF x Near_LoA	-7,027	-0,063	0,293
CHR9	1E+07	CHR9:10440948	SSF x Near_LoA	-7,183	0,088	0,274
CHR9	1E+07	CHR9:10448236	SSF x Near_LoA	-8,330	0,020	0,282
CHR9	1E+07	CHR9:10448240	SSF x Near_LoA	-7,751	0,036	0,286
CHR9	1E+07	CHR9:10448252	SSF x Near_LoA	-9,263	0,015	0,282
CHR9	1E+07	CHR9:10448257	SSF x Near_LoA	-8,179	-0,020	0,296
CHR9	1E+07	CHR9:10448272	SSF x Near_LoA	-2,952	0,104	0,275
CHR9	1E+07	CHR9:10448279	SSF x Near_LoA	-6,708	0,070	0,296
CHR9	1E+07	CHR9:10448350	SSF x Near_LoA	-6,485	0,041	0,296
CHR9	1E+07	CHR9:10448650	SSF x Near_LoA	-10,601	-0,034	0,288
CHR9	1E+07	CHR9:10448664	SSF x Near_LoA	-7,618	0,043	0,280

CHR9	1E+07	CHR9:10448668	SSF x Near_LoA	-6,820	0,037	0,281
CHR9	1E+07	CHR9:10449976	SSF x Near_LoA	-7,666	-0,002	0,283
CHR9	1E+07	CHR9:10476521	SSF x Near_LoA	-6,891	-0,003	0,305
CHR9	1E+07	CHR9:10479657	SSF x Near_LoA	-7,252	-0,082	0,287
CHR9	1E+07	CHR9:10486720	SSF x Near_LoA	-7,517	-0,110	0,296
CHR9	1049676	CHR9:1049676	SSF x Near_LoA	-3,963	-0,167	0,281
CHR9	10503535	CHR9:10503535	SSF x Near_LoA	-8,233	0,036	0,292
CHR9	10503553	CHR9:10503553	SSF x Near_LoA	-7,068	-0,084	0,279
CHR9	10511797	CHR9:10511797	SSF x Near_LoA	-7,377	0,038	0,292
CHR9	10524540	CHR9:10524540	SSF x Near_LoA	-7,199	0,122	0,260
CHR9	10524554	CHR9:10524554	SSF x Near_LoA	-10,317	-0,046	0,276
CHR9	10524583	CHR9:10524583	SSF x Near_LoA	-6,915	-0,099	0,285
CHR9	10524611	CHR9:10524611	SSF x Near_LoA	-9,670	0,028	0,284
CHR9	10536388	CHR9:10536388	SSF x Near_LoA	-8,412	0,078	0,295
CHR9	10536397	CHR9:10536397	SSF x Near_LoA	-7,591	-0,008	0,296
CHR9	10536438	CHR9:10536438	SSF x Near_LoA	-7,392	-0,043	0,302
CHR9	10536506	CHR9:10536506	SSF x Near_LoA	-9,349	0,040	0,284
CHR9	10536549	CHR9:10536549	SSF x Near_LoA	-9,185	0,015	0,286
CHR9	10536571	CHR9:10536571	SSF x Near_LoA	-9,293	-0,121	0,273
CHR9	10558827	CHR9:10558827	SSF x Near_LoA	-7,554	-0,156	0,277
CHR9	10560933	CHR9:10560933	SSF x Near_LoA	-9,335	-0,074	0,289
CHR9	10570802	CHR9:10570802	SSF x Near_LoA	-10,461	0,073	0,273
CHR9	10570881	CHR9:10570881	SSF x Near_LoA	-6,918	-0,130	0,269
CHR9	10582859	CHR9:10582859	SSF x Near_LoA	-8,990	0,036	0,295
CHR9	10593815	CHR9:10593815	SSF x Near_LoA	-6,816	0,077	0,300
CHR9	10609553	CHR9:10609553	SSF x Near_LoA	-3,620	0,218	0,251
CHR9	10609582	CHR9:10609582	SSF x Near_LoA	-7,310	-0,109	0,275
CHR9	10609678	CHR9:10609678	SSF x Near_LoA	-5,349	0,174	0,287
CHR9	10611002	CHR9:10611002	SSF x Near_LoA	-5,677	0,075	0,304
CHR9	10611019	CHR9:10611019	SSF x Near_LoA	-5,438	0,062	0,287
CHR9	10611073	CHR9:10611073	SSF x Near_LoA	-10,371	0,057	0,288
CHR9	10611218	CHR9:10611218	SSF x Near_LoA	-8,136	0,104	0,282
CHR9	10611306	CHR9:10611306	SSF x Near_LoA	-6,499	0,168	0,290
CHR9	10638353	CHR9:10638353	SSF x Near_LoA	-9,655	-0,050	0,274
CHR9	1063861	CHR9:1063861	SSF x Near_LoA	-6,466	0,093	0,278
CHR9	10644389	CHR9:10644389	SSF x Near_LoA	-5,901	-0,086	0,276
CHR9	10644390	CHR9:10644390	SSF x Near_LoA	-8,140	0,106	0,282
CHR9	10666906	CHR9:10666906	SSF x Near_LoA	-7,273	0,173	0,288
CHR9	10666964	CHR9:10666964	SSF x Near_LoA	-8,915	0,047	0,284
CHR9	10671562	CHR9:10671562	SSF x Near_LoA	-7,246	0,045	0,292
CHR9	10671631	CHR9:10671631	SSF x Near_LoA	-1,385	0,212	0,265
CHR9	10674155	CHR9:10674155	SSF x Near_LoA	-7,624	-0,014	0,291
CHR9	10674194	CHR9:10674194	SSF x Near_LoA	-6,363	0,133	0,288
CHR9	10680131	CHR9:10680131	SSF x Near_LoA	-7,332	0,089	0,277
CHR9	10680151	CHR9:10680151	SSF x Near_LoA	-9,402	0,094	0,287
CHR9	10680152	CHR9:10680152	SSF x Near_LoA	-7,467	0,102	0,282
CHR9	10680225	CHR9:10680225	SSF x Near_LoA	-10,658	0,030	0,286
CHR9	10680341	CHR9:10680341	SSF x Near_LoA	-7,492	0,103	0,281
CHR9	10684539	CHR9:10684539	SSF x Near_LoA	-9,624	0,027	0,276
CHR9	10684784	CHR9:10684784	SSF x Near_LoA	-7,889	0,132	0,275
CHR9	10686158	CHR9:10686158	SSF x Near_LoA	-5,605	-0,139	0,278
CHR9	10691041	CHR9:10691041	SSF x Near_LoA	-8,781	0,002	0,283
CHR9	10695173	CHR9:10695173	SSF x Near_LoA	-7,549	0,111	0,282

CHR9	10706716	CHR9:10706716	SSF x Near_LoA	-7,610	0,100	0,284
CHR9	10706817	CHR9:10706817	SSF x Near_LoA	-9,897	0,023	0,298
CHR9	10706853	CHR9:10706853	SSF x Near_LoA	-1,505	-0,104	0,282
CHR9	10706881	CHR9:10706881	SSF x Near_LoA	-7,534	-0,082	0,288
CHR9	10706882	CHR9:10706882	SSF x Near_LoA	-5,114	-0,096	0,266
CHR9	10706885	CHR9:10706885	SSF x Near_LoA	-7,303	0,147	0,289
CHR9	1071489	CHR9:1071489	SSF x Near_LoA	-9,026	0,052	0,286
CHR9	1071609	CHR9:1071609	SSF x Near_LoA	-8,868	-0,008	0,296
CHR9	1071650	CHR9:1071650	SSF x Near_LoA	8,421	-0,122	0,273
CHR9	10724089	CHR9:10724089	SSF x Near_LoA	-9,300	-0,113	0,288
CHR9	10724185	CHR9:10724185	SSF x Near_LoA	-8,031	-0,066	0,288
CHR9	10724233	CHR9:10724233	SSF x Near_LoA	-9,339	0,129	0,284
CHR9	10724267	CHR9:10724267	SSF x Near_LoA	-7,959	0,029	0,280
CHR9	10724284	CHR9:10724284	SSF x Near_LoA	-9,001	0,077	0,293
CHR9	10732817	CHR9:10732817	SSF x Near_LoA	-7,152	0,090	0,270
CHR9	10732922	CHR9:10732922	SSF x Near_LoA	-8,133	-0,106	0,279
CHR9	10746454	CHR9:10746454	SSF x Near_LoA	-10,159	-0,044	0,294
CHR9	10746459	CHR9:10746459	SSF x Near_LoA	-7,148	-0,170	0,275
CHR9	10746652	CHR9:10746652	SSF x Near_LoA	-10,124	0,016	0,287
CHR9	10750707	CHR9:10750707	SSF x Near_LoA	-7,423	0,155	0,271
CHR9	10750714	CHR9:10750714	SSF x Near_LoA	-8,238	0,141	0,275
CHR9	10758784	CHR9:10758784	SSF x Near_LoA	-8,392	0,125	0,293
CHR9	10776620	CHR9:10776620	SSF x Near_LoA	-8,573	0,099	0,288
CHR9	10791943	CHR9:10791943	SSF x Near_LoA	-6,683	-0,173	0,286
CHR9	10791988	CHR9:10791988	SSF x Near_LoA	-8,926	-0,039	0,303
CHR9	10792211	CHR9:10792211	SSF x Near_LoA	-7,712	-0,221	0,270
CHR9	10795566	CHR9:10795566	SSF x Near_LoA	-9,358	0,039	0,289
CHR9	10837397	CHR9:10837397	SSF x Near_LoA	-5,004	-0,149	0,293
CHR9	10837647	CHR9:10837647	SSF x Near_LoA	-8,812	0,109	0,284
CHR9	10840982	CHR9:10840982	SSF x Near_LoA	-3,993	-0,046	0,291
CHR9	10841247	CHR9:10841247	SSF x Near_LoA	-7,023	0,053	0,290
CHR9	10861293	CHR9:10861293	SSF x Near_LoA	-9,457	-0,028	0,288
CHR9	10861539	CHR9:10861539	SSF x Near_LoA	-5,325	-0,176	0,288
CHR9	10861548	CHR9:10861548	SSF x Near_LoA	-7,876	0,094	0,278
CHR9	10867509	CHR9:10867509	SSF x Near_LoA	-8,585	-0,021	0,288
CHR9	10876758	CHR9:10876758	SSF x Near_LoA	-7,569	-0,105	0,294
CHR9	10879846	CHR9:10879846	SSF x Near_LoA	-7,865	0,092	0,288
CHR9	10879883	CHR9:10879883	SSF x Near_LoA	-6,421	-0,086	0,303
CHR9	10893617	CHR9:10893617	SSF x Near_LoA	-6,191	0,067	0,280
CHR9	10893953	CHR9:10893953	SSF x Near_LoA	-7,776	0,065	0,279
CHR9	10896281	CHR9:10896281	SSF x Near_LoA	-8,401	-0,001	0,286
CHR9	10896289	CHR9:10896289	SSF x Near_LoA	-9,666	0,067	0,285
CHR9	10896435	CHR9:10896435	SSF x Near_LoA	-10,648	-0,017	0,276
CHR9	10896436	CHR9:10896436	SSF x Near_LoA	-6,151	0,158	0,291
CHR9	10905485	CHR9:10905485	SSF x Near_LoA	-6,014	-0,064	0,294
CHR9	10905561	CHR9:10905561	SSF x Near_LoA	-5,443	0,221	0,286
CHR9	10905597	CHR9:10905597	SSF x Near_LoA	-6,149	-0,198	0,262
CHR9	10916668	CHR9:10916668	SSF x Near_LoA	-8,314	0,032	0,282
CHR9	10916802	CHR9:10916802	SSF x Near_LoA	-6,731	-0,143	0,285
CHR9	10916934	CHR9:10916934	SSF x Near_LoA	-4,036	-0,180	0,265
CHR9	10921163	CHR9:10921163	SSF x Near_LoA	-9,553	-0,070	0,284
CHR9	10943703	CHR9:10943703	SSF x Near_LoA	-6,101	-0,135	0,286
CHR9	10943746	CHR9:10943746	SSF x Near_LoA	-10,883	-0,019	0,282

CHR9	10943768	CHR9:10943768	SSF x Near_LoA	-8,070	-0,005	0,305
CHR9	10943840	CHR9:10943840	SSF x Near_LoA	-9,780	0,059	0,295
CHR9	10943924	CHR9:10943924	SSF x Near_LoA	-5,805	0,090	0,282
CHR9	10949482	CHR9:10949482	SSF x Near_LoA	-8,313	0,185	0,268
CHR9	10972956	CHR9:10972956	SSF x Near_LoA	-8,987	0,053	0,275
CHR9	1098170	CHR9:1098170	SSF x Near_LoA	-0,763	-0,131	0,297
CHR9	1098265	CHR9:1098265	SSF x Near_LoA	-8,495	-0,063	0,278
CHR9	1098272	CHR9:1098272	SSF x Near_LoA	-9,729	0,130	0,270
CHR9	1098280	CHR9:1098280	SSF x Near_LoA	-9,390	-0,045	0,285
CHR9	1098315	CHR9:1098315	SSF x Near_LoA	-9,323	0,079	0,282
CHR9	1098316	CHR9:1098316	SSF x Near_LoA	-6,912	0,095	0,301
CHR9	1098371	CHR9:1098371	SSF x Near_LoA	-7,187	-0,059	0,295
CHR9	10995472	CHR9:10995472	SSF x Near_LoA	-7,413	-0,089	0,283
CHR9	10995494	CHR9:10995494	SSF x Near_LoA	-8,767	-0,043	0,277
CHR9	10995505	CHR9:10995505	SSF x Near_LoA	-8,103	-0,055	0,271
CHR9	10995577	CHR9:10995577	SSF x Near_LoA	-4,739	0,047	0,274
CHR9	11003661	CHR9:11003661	SSF x Near_LoA	-8,154	0,008	0,291
CHR9	11003684	CHR9:11003684	SSF x Near_LoA	-5,903	0,094	0,287
CHR9	11008429	CHR9:11008429	SSF x Near_LoA	-3,892	0,120	0,290
CHR9	11008434	CHR9:11008434	SSF x Near_LoA	-10,351	0,048	0,289
CHR9	11008548	CHR9:11008548	SSF x Near_LoA	2,043	0,092	0,295
CHR9	11008615	CHR9:11008615	SSF x Near_LoA	-4,653	0,224	0,279
CHR9	11011239	CHR9:11011239	SSF x Near_LoA	-8,895	-0,053	0,281
CHR9	11011295	CHR9:11011295	SSF x Near_LoA	-8,885	-0,008	0,295
CHR9	11014389	CHR9:11014389	SSF x Near_LoA	-10,277	-0,076	0,283
CHR9	11014476	CHR9:11014476	SSF x Near_LoA	-10,664	-0,054	0,289
CHR9	11014540	CHR9:11014540	SSF x Near_LoA	-9,118	0,073	0,267
CHR9	1101640	CHR9:1101640	SSF x Near_LoA	-10,392	-0,035	0,287
CHR9	11019283	CHR9:11019283	SSF x Near_LoA	-9,981	0,035	0,284
CHR9	11019302	CHR9:11019302	SSF x Near_LoA	-9,353	0,117	0,282
CHR9	11019326	CHR9:11019326	SSF x Near_LoA	-8,428	0,098	0,282
CHR9	11019333	CHR9:11019333	SSF x Near_LoA	-6,244	0,056	0,298
CHR9	11019376	CHR9:11019376	SSF x Near_LoA	2,619	0,138	0,286
CHR9	11019405	CHR9:11019405	SSF x Near_LoA	-5,690	0,131	0,279
CHR9	11019454	CHR9:11019454	SSF x Near_LoA	-9,332	0,009	0,293
CHR9	11022528	CHR9:11022528	SSF x Near_LoA	0,538	-0,126	0,291
CHR9	11025774	CHR9:11025774	SSF x Near_LoA	-10,016	0,003	0,292
CHR9	11031253	CHR9:11031253	SSF x Near_LoA	-8,533	0,022	0,277
CHR9	11036244	CHR9:11036244	SSF x Near_LoA	-7,625	0,070	0,285
CHR9	11036334	CHR9:11036334	SSF x Near_LoA	-9,128	-0,083	0,285
CHR9	11039897	CHR9:11039897	SSF x Near_LoA	-7,821	0,105	0,294
CHR9	11039902	CHR9:11039902	SSF x Near_LoA	-8,247	-0,070	0,293
CHR9	11039921	CHR9:11039921	SSF x Near_LoA	-8,795	0,134	0,283
CHR9	11040995	CHR9:11040995	SSF x Near_LoA	-7,835	-0,052	0,299
CHR9	11041021	CHR9:11041021	SSF x Near_LoA	-7,614	0,007	0,295
CHR9	11041091	CHR9:11041091	SSF x Near_LoA	-9,256	-0,011	0,284
CHR9	11041101	CHR9:11041101	SSF x Near_LoA	-9,849	-0,074	0,282
CHR9	11041117	CHR9:11041117	SSF x Near_LoA	-8,185	0,017	0,290
CHR9	11041143	CHR9:11041143	SSF x Near_LoA	-6,686	0,079	0,292
CHR9	11062745	CHR9:11062745	SSF x Near_LoA	-9,398	0,017	0,293
CHR9	11062825	CHR9:11062825	SSF x Near_LoA	-7,568	0,056	0,303
CHR9	11065844	CHR9:11065844	SSF x Near_LoA	-9,764	0,021	0,276
CHR9	11065928	CHR9:11065928	SSF x Near_LoA	-8,394	0,013	0,286

CHR9	11065942	CHR9:11065942	SSF x Near_LoA	-7,827	0,121	0,270
CHR9	11068417	CHR9:11068417	SSF x Near_LoA	-7,894	0,134	0,274
CHR9	11068483	CHR9:11068483	SSF x Near_LoA	-6,654	-0,087	0,287
CHR9	11068669	CHR9:11068669	SSF x Near_LoA	-9,700	-0,097	0,289
CHR9	11083886	CHR9:11083886	SSF x Near_LoA	-10,028	-0,020	0,299
CHR9	11087421	CHR9:11087421	SSF x Near_LoA	-8,299	-0,012	0,282
CHR9	11087425	CHR9:11087425	SSF x Near_LoA	-9,612	0,059	0,288
CHR9	11087492	CHR9:11087492	SSF x Near_LoA	-10,087	-0,113	0,283
CHR9	11087522	CHR9:11087522	SSF x Near_LoA	-7,907	0,090	0,261
CHR9	1110153	CHR9:1110153	SSF x Near_LoA	-10,637	0,003	0,289
CHR9	11112621	CHR9:11112621	SSF x Near_LoA	-8,536	-0,066	0,288
CHR9	11120200	CHR9:11120200	SSF x Near_LoA	-8,084	-0,012	0,276
CHR9	1113074	CHR9:1113074	SSF x Near_LoA	-10,147	-0,063	0,287
CHR9	1113117	CHR9:1113117	SSF x Near_LoA	-8,406	-0,025	0,286
CHR9	11135743	CHR9:11135743	SSF x Near_LoA	-7,567	0,059	0,290
CHR9	11147696	CHR9:11147696	SSF x Near_LoA	-6,805	-0,079	0,289
CHR9	11147954	CHR9:11147954	SSF x Near_LoA	-10,088	0,017	0,285
CHR9	11153213	CHR9:11153213	SSF x Near_LoA	-6,029	-0,021	0,282
CHR9	11153330	CHR9:11153330	SSF x Near_LoA	-8,492	-0,011	0,291
CHR9	11166466	CHR9:11166466	SSF x Near_LoA	-8,587	0,029	0,279
CHR9	11166500	CHR9:11166500	SSF x Near_LoA	-10,109	0,028	0,291
CHR9	11166549	CHR9:11166549	SSF x Near_LoA	-8,614	0,068	0,287
CHR9	11166556	CHR9:11166556	SSF x Near_LoA	-4,302	-0,161	0,273
CHR9	11166654	CHR9:11166654	SSF x Near_LoA	-8,178	0,147	0,285
CHR9	11166661	CHR9:11166661	SSF x Near_LoA	-7,670	-0,057	0,292
CHR9	11166664	CHR9:11166664	SSF x Near_LoA	-7,218	-0,111	0,287
CHR9	11185293	CHR9:11185293	SSF x Near_LoA	-8,509	-0,192	0,274
CHR9	11190821	CHR9:11190821	SSF x Near_LoA	-7,494	-0,065	0,289
CHR9	11190825	CHR9:11190825	SSF x Near_LoA	-7,531	-0,044	0,280
CHR9	11190840	CHR9:11190840	SSF x Near_LoA	-4,138	0,164	0,280
CHR9	11190851	CHR9:11190851	SSF x Near_LoA	-3,549	0,169	0,281
CHR9	11190864	CHR9:11190864	SSF x Near_LoA	-7,608	-0,045	0,298
CHR9	11190874	CHR9:11190874	SSF x Near_LoA	-4,881	0,161	0,277
CHR9	11190910	CHR9:11190910	SSF x Near_LoA	-10,339	-0,068	0,274
CHR9	11225066	CHR9:11225066	SSF x Near_LoA	-0,863	-0,264	0,279
CHR9	11231832	CHR9:11231832	SSF x Near_LoA	-8,954	0,087	0,290
CHR9	11231988	CHR9:11231988	SSF x Near_LoA	-3,915	0,066	0,271
CHR9	1123784	CHR9:1123784	SSF x Near_LoA	-9,630	-0,030	0,285
CHR9	1123802	CHR9:1123802	SSF x Near_LoA	-4,938	0,091	0,303
CHR9	1123824	CHR9:1123824	SSF x Near_LoA	-9,257	0,135	0,280
CHR9	11241451	CHR9:11241451	SSF x Near_LoA	-7,083	0,065	0,279
CHR9	11241491	CHR9:11241491	SSF x Near_LoA	-6,822	-0,134	0,289
CHR9	11246814	CHR9:11246814	SSF x Near_LoA	-4,708	-0,157	0,293
CHR9	11248533	CHR9:11248533	SSF x Near_LoA	-5,427	0,134	0,285
CHR9	11248541	CHR9:11248541	SSF x Near_LoA	-7,934	0,008	0,283
CHR9	11248564	CHR9:11248564	SSF x Near_LoA	-5,901	-0,143	0,284
CHR9	11248585	CHR9:11248585	SSF x Near_LoA	-6,130	0,123	0,294
CHR9	11248596	CHR9:11248596	SSF x Near_LoA	-9,375	0,111	0,292
CHR9	11252261	CHR9:11252261	SSF x Near_LoA	-8,277	0,092	0,293
CHR9	11289723	CHR9:11289723	SSF x Near_LoA	-8,089	-0,078	0,297
CHR9	11289784	CHR9:11289784	SSF x Near_LoA	-9,594	-0,133	0,289
CHR9	11289800	CHR9:11289800	SSF x Near_LoA	-8,094	-0,104	0,283
CHR9	11289825	CHR9:11289825	SSF x Near_LoA	-10,203	-0,066	0,285

CHR9	11289841	CHR9:11289841	SSF x Near_LoA	-9,568	-0,089	0,302
CHR9	11289849	CHR9:11289849	SSF x Near_LoA	-9,968	-0,056	0,288
CHR9	11290103	CHR9:11290103	SSF x Near_LoA	-7,374	0,099	0,283
CHR9	11298515	CHR9:11298515	SSF x Near_LoA	-9,108	-0,008	0,277
CHR9	11298517	CHR9:11298517	SSF x Near_LoA	-7,305	-0,089	0,299
CHR9	11298574	CHR9:11298574	SSF x Near_LoA	-7,039	0,012	0,293
CHR9	11298593	CHR9:11298593	SSF x Near_LoA	-8,651	-0,107	0,287
CHR9	11298695	CHR9:11298695	SSF x Near_LoA	-6,171	0,155	0,276
CHR9	11298699	CHR9:11298699	SSF x Near_LoA	-7,913	-0,075	0,281
CHR9	11304953	CHR9:11304953	SSF x Near_LoA	-10,353	0,059	0,284
CHR9	11305074	CHR9:11305074	SSF x Near_LoA	-6,518	0,180	0,291
CHR9	11327171	CHR9:11327171	SSF x Near_LoA	-8,019	-0,060	0,287
CHR9	11327186	CHR9:11327186	SSF x Near_LoA	-7,426	-0,032	0,299
CHR9	11327255	CHR9:11327255	SSF x Near_LoA	-10,376	0,004	0,282
CHR9	11329808	CHR9:11329808	SSF x Near_LoA	-9,479	0,038	0,298
CHR9	11329854	CHR9:11329854	SSF x Near_LoA	-8,559	-0,040	0,300
CHR9	11353029	CHR9:11353029	SSF x Near_LoA	-7,402	0,077	0,284
CHR9	11354181	CHR9:11354181	SSF x Near_LoA	-0,399	0,230	0,281
CHR9	11356162	CHR9:11356162	SSF x Near_LoA	-9,794	0,004	0,283
CHR9	11356193	CHR9:11356193	SSF x Near_LoA	-10,329	-0,003	0,284
CHR9	11357239	CHR9:11357239	SSF x Near_LoA	-6,178	-0,054	0,299
CHR9	11357260	CHR9:11357260	SSF x Near_LoA	-8,681	0,122	0,294
CHR9	11357276	CHR9:11357276	SSF x Near_LoA	-5,708	-0,097	0,289
CHR9	11357336	CHR9:11357336	SSF x Near_LoA	-9,647	-0,106	0,285
CHR9	11357359	CHR9:11357359	SSF x Near_LoA	-10,752	-0,020	0,280
CHR9	11361140	CHR9:11361140	SSF x Near_LoA	-8,577	-0,091	0,292
CHR9	11361178	CHR9:11361178	SSF x Near_LoA	-7,913	-0,008	0,278
CHR9	11361263	CHR9:11361263	SSF x Near_LoA	-9,719	0,075	0,285
CHR9	11361281	CHR9:11361281	SSF x Near_LoA	-3,682	-0,086	0,290
CHR9	11361299	CHR9:11361299	SSF x Near_LoA	-8,609	-0,103	0,277
CHR9	11361304	CHR9:11361304	SSF x Near_LoA	-7,301	0,016	0,292
CHR9	11361307	CHR9:11361307	SSF x Near_LoA	-7,966	-0,019	0,297
CHR9	11361311	CHR9:11361311	SSF x Near_LoA	-9,090	0,090	0,290
CHR9	11361329	CHR9:11361329	SSF x Near_LoA	-10,651	0,084	0,279
CHR9	11361407	CHR9:11361407	SSF x Near_LoA	-7,102	-0,070	0,278
CHR9	11364093	CHR9:11364093	SSF x Near_LoA	-4,747	0,187	0,269
CHR9	11364176	CHR9:11364176	SSF x Near_LoA	-4,421	-0,243	0,275
CHR9	11364234	CHR9:11364234	SSF x Near_LoA	-7,397	-0,080	0,281
CHR9	11364290	CHR9:11364290	SSF x Near_LoA	-6,431	0,161	0,269
CHR9	11364297	CHR9:11364297	SSF x Near_LoA	-5,738	0,119	0,272
CHR9	11364311	CHR9:11364311	SSF x Near_LoA	-6,954	-0,158	0,264
CHR9	11364316	CHR9:11364316	SSF x Near_LoA	-9,668	-0,026	0,281
CHR9	11364334	CHR9:11364334	SSF x Near_LoA	-7,889	0,095	0,286
CHR9	11364373	CHR9:11364373	SSF x Near_LoA	-6,443	0,129	0,282
CHR9	11378739	CHR9:11378739	SSF x Near_LoA	-7,524	-0,090	0,301
CHR9	11378882	CHR9:11378882	SSF x Near_LoA	-10,345	0,062	0,280
CHR9	11390455	CHR9:11390455	SSF x Near_LoA	-7,431	0,052	0,291
CHR9	11390475	CHR9:11390475	SSF x Near_LoA	-8,403	0,135	0,271
CHR9	11390500	CHR9:11390500	SSF x Near_LoA	-9,421	-0,116	0,272
CHR9	11390676	CHR9:11390676	SSF x Near_LoA	-7,833	-0,070	0,293
CHR9	11396036	CHR9:11396036	SSF x Near_LoA	-9,524	-0,066	0,284
CHR9	11396054	CHR9:11396054	SSF x Near_LoA	-7,363	0,056	0,292
CHR9	11396063	CHR9:11396063	SSF x Near_LoA	-9,455	0,034	0,307

CHR9	11396078	CHR9:11396078	SSF x Near_LoA	-8,758	0,065	0,278
CHR9	11396135	CHR9:11396135	SSF x Near_LoA	-10,235	0,058	0,288
CHR9	11396205	CHR9:11396205	SSF x Near_LoA	-7,913	0,100	0,283
CHR9	11396219	CHR9:11396219	SSF x Near_LoA	-10,964	-0,018	0,283
CHR9	11399645	CHR9:11399645	SSF x Near_LoA	-6,528	-0,118	0,270
CHR9	1140059	CHR9:1140059	SSF x Near_LoA	-6,578	0,098	0,268
CHR9	1140092	CHR9:1140092	SSF x Near_LoA	-10,520	0,070	0,277
CHR9	1140176	CHR9:1140176	SSF x Near_LoA	-5,791	-0,110	0,283
CHR9	1140183	CHR9:1140183	SSF x Near_LoA	-10,165	0,003	0,263
CHR9	1140199	CHR9:1140199	SSF x Near_LoA	0,696	-0,129	0,259
CHR9	11417254	CHR9:11417254	SSF x Near_LoA	-7,667	-0,007	0,285
CHR9	11417266	CHR9:11417266	SSF x Near_LoA	-7,284	0,093	0,272
CHR9	11417446	CHR9:11417446	SSF x Near_LoA	-10,358	-0,021	0,287
CHR9	11424441	CHR9:11424441	SSF x Near_LoA	-7,533	0,122	0,277
CHR9	11424517	CHR9:11424517	SSF x Near_LoA	-9,505	0,062	0,299
CHR9	11424563	CHR9:11424563	SSF x Near_LoA	-7,308	0,098	0,290
CHR9	11424613	CHR9:11424613	SSF x Near_LoA	-9,221	0,012	0,280
CHR9	11424709	CHR9:11424709	SSF x Near_LoA	-7,137	-0,013	0,280
CHR9	11439435	CHR9:11439435	SSF x Near_LoA	-4,344	0,111	0,275
CHR9	11439583	CHR9:11439583	SSF x Near_LoA	-6,211	0,150	0,278
CHR9	11453873	CHR9:11453873	SSF x Near_LoA	-6,822	-0,149	0,294
CHR9	11453884	CHR9:11453884	SSF x Near_LoA	-9,393	-0,108	0,284
CHR9	11453894	CHR9:11453894	SSF x Near_LoA	-8,196	-0,034	0,283
CHR9	11453908	CHR9:11453908	SSF x Near_LoA	-6,290	-0,158	0,282
CHR9	1146322	CHR9:1146322	SSF x Near_LoA	-9,369	-0,064	0,293
CHR9	1146330	CHR9:1146330	SSF x Near_LoA	-5,917	0,193	0,291
CHR9	11475252	CHR9:11475252	SSF x Near_LoA	-9,629	0,022	0,289
CHR9	11475366	CHR9:11475366	SSF x Near_LoA	-7,414	0,204	0,269
CHR9	11479346	CHR9:11479346	SSF x Near_LoA	-3,493	0,002	0,295
CHR9	11479389	CHR9:11479389	SSF x Near_LoA	-4,293	-0,187	0,283
CHR9	11479390	CHR9:11479390	SSF x Near_LoA	-3,691	-0,181	0,275
CHR9	11479393	CHR9:11479393	SSF x Near_LoA	-5,066	-0,226	0,279
CHR9	11479556	CHR9:11479556	SSF x Near_LoA	-3,968	-0,261	0,259
CHR9	11479587	CHR9:11479587	SSF x Near_LoA	-7,561	-0,152	0,281
CHR9	11488791	CHR9:11488791	SSF x Near_LoA	-6,645	0,101	0,285
CHR9	11488901	CHR9:11488901	SSF x Near_LoA	-1,066	0,119	0,274
CHR9	11510180	CHR9:11510180	SSF x Near_LoA	-0,640	0,094	0,291
CHR9	11510407	CHR9:11510407	SSF x Near_LoA	-10,566	0,103	0,281
CHR9	11510527	CHR9:11510527	SSF x Near_LoA	-8,166	-0,118	0,272
CHR9	11510539	CHR9:11510539	SSF x Near_LoA	-7,036	-0,098	0,289
CHR9	11536881	CHR9:11536881	SSF x Near_LoA	-9,630	0,088	0,295
CHR9	11545962	CHR9:11545962	SSF x Near_LoA	-3,225	-0,256	0,263
CHR9	11547040	CHR9:11547040	SSF x Near_LoA	-10,335	0,037	0,296
CHR9	11549130	CHR9:11549130	SSF x Near_LoA	-7,031	0,207	0,270
CHR9	11549779	CHR9:11549779	SSF x Near_LoA	-7,851	0,067	0,302
CHR9	11549789	CHR9:11549789	SSF x Near_LoA	-2,878	-0,073	0,293
CHR9	11555181	CHR9:11555181	SSF x Near_LoA	-8,117	-0,017	0,282
CHR9	11568988	CHR9:11568988	SSF x Near_LoA	-5,160	0,210	0,269
CHR9	11569080	CHR9:11569080	SSF x Near_LoA	-9,031	-0,025	0,287
CHR9	11569108	CHR9:11569108	SSF x Near_LoA	-9,099	-0,077	0,282
CHR9	11569111	CHR9:11569111	SSF x Near_LoA	-8,274	-0,058	0,284
CHR9	11569132	CHR9:11569132	SSF x Near_LoA	-7,500	-0,140	0,286
CHR9	11569135	CHR9:11569135	SSF x Near_LoA	-7,503	-0,041	0,291

CHR9	11569145	CHR9:11569145	SSF x Near_LoA	-8,488	-0,010	0,277
CHR9	11583360	CHR9:11583360	SSF x Near_LoA	-8,573	-0,108	0,283
CHR9	11583386	CHR9:11583386	SSF x Near_LoA	-8,463	0,006	0,287
CHR9	11583391	CHR9:11583391	SSF x Near_LoA	-8,783	0,011	0,296
CHR9	11598588	CHR9:11598588	SSF x Near_LoA	-7,137	0,127	0,288
CHR9	11598592	CHR9:11598592	SSF x Near_LoA	-6,082	-0,198	0,274
CHR9	11598698	CHR9:11598698	SSF x Near_LoA	-8,313	0,002	0,285
CHR9	11622765	CHR9:11622765	SSF x Near_LoA	-8,994	0,056	0,295
CHR9	11622804	CHR9:11622804	SSF x Near_LoA	-10,116	-0,045	0,291
CHR9	11631791	CHR9:11631791	SSF x Near_LoA	-7,602	-0,078	0,280
CHR9	11631898	CHR9:11631898	SSF x Near_LoA	-8,821	0,061	0,285
CHR9	11631994	CHR9:11631994	SSF x Near_LoA	-10,898	-0,039	0,281
CHR9	11637842	CHR9:11637842	SSF x Near_LoA	-6,385	-0,194	0,270
CHR9	11637869	CHR9:11637869	SSF x Near_LoA	-8,217	0,097	0,296
CHR9	11643372	CHR9:11643372	SSF x Near_LoA	-7,269	0,042	0,283
CHR9	11643443	CHR9:11643443	SSF x Near_LoA	7,958	0,153	0,273
CHR9	11643521	CHR9:11643521	SSF x Near_LoA	-8,233	-0,008	0,278
CHR9	11643591	CHR9:11643591	SSF x Near_LoA	-7,324	-0,027	0,284
CHR9	11643600	CHR9:11643600	SSF x Near_LoA	-9,383	-0,114	0,284
CHR9	11649165	CHR9:11649165	SSF x Near_LoA	-4,126	-0,164	0,261
CHR9	11649236	CHR9:11649236	SSF x Near_LoA	-7,005	0,007	0,281
CHR9	11649359	CHR9:11649359	SSF x Near_LoA	-7,217	-0,074	0,286
CHR9	11660709	CHR9:11660709	SSF x Near_LoA	-7,227	0,000	0,286
CHR9	11660830	CHR9:11660830	SSF x Near_LoA	-8,518	-0,036	0,289
CHR9	11662068	CHR9:11662068	SSF x Near_LoA	-6,029	0,132	0,292
CHR9	11662176	CHR9:11662176	SSF x Near_LoA	-9,315	-0,077	0,301
CHR9	11662195	CHR9:11662195	SSF x Near_LoA	-9,108	-0,126	0,285
CHR9	11662896	CHR9:11662896	SSF x Near_LoA	-7,759	0,069	0,290
CHR9	11662914	CHR9:11662914	SSF x Near_LoA	-5,211	-0,146	0,288
CHR9	11662935	CHR9:11662935	SSF x Near_LoA	-5,394	-0,137	0,293
CHR9	11662967	CHR9:11662967	SSF x Near_LoA	0,509	0,104	0,308
CHR9	11662985	CHR9:11662985	SSF x Near_LoA	-6,255	-0,188	0,268
CHR9	11677980	CHR9:11677980	SSF x Near_LoA	-6,703	0,149	0,290
CHR9	11677985	CHR9:11677985	SSF x Near_LoA	-8,825	0,055	0,279
CHR9	11678017	CHR9:11678017	SSF x Near_LoA	-9,433	0,021	0,281
CHR9	11678479	CHR9:11678479	SSF x Near_LoA	-5,594	-0,041	0,281
CHR9	11689711	CHR9:11689711	SSF x Near_LoA	-7,415	0,011	0,277
CHR9	11689718	CHR9:11689718	SSF x Near_LoA	-5,991	-0,093	0,295
CHR9	11697292	CHR9:11697292	SSF x Near_LoA	-7,882	-0,101	0,285
CHR9	11706682	CHR9:11706682	SSF x Near_LoA	-7,752	-0,013	0,272
CHR9	11706773	CHR9:11706773	SSF x Near_LoA	-7,091	0,089	0,276
CHR9	11706815	CHR9:11706815	SSF x Near_LoA	-8,306	-0,138	0,279
CHR9	11706922	CHR9:11706922	SSF x Near_LoA	-6,109	0,002	0,291
CHR9	11719408	CHR9:11719408	SSF x Near_LoA	-8,343	-0,012	0,290
CHR9	11719469	CHR9:11719469	SSF x Near_LoA	-7,666	-0,029	0,297
CHR9	11719553	CHR9:11719553	SSF x Near_LoA	-7,036	0,078	0,290
CHR9	11719554	CHR9:11719554	SSF x Near_LoA	-7,832	-0,113	0,295
CHR9	11722969	CHR9:11722969	SSF x Near_LoA	-7,066	0,061	0,294
CHR9	11722980	CHR9:11722980	SSF x Near_LoA	-8,095	0,002	0,286
CHR9	11722987	CHR9:11722987	SSF x Near_LoA	-7,763	0,083	0,290
CHR9	11722996	CHR9:11722996	SSF x Near_LoA	-3,459	-0,038	0,299
CHR9	11723068	CHR9:11723068	SSF x Near_LoA	-8,298	0,045	0,299
CHR9	11723120	CHR9:11723120	SSF x Near_LoA	-8,478	0,024	0,289

CHR9	11723139	CHR9:11723139	SSF x Near_LoA	-7,538	0,030	0,300
CHR9	11723146	CHR9:11723146	SSF x Near_LoA	-7,028	0,089	0,287
CHR9	11731325	CHR9:11731325	SSF x Near_LoA	-6,318	-0,050	0,280
CHR9	11731487	CHR9:11731487	SSF x Near_LoA	-5,789	-0,136	0,294
CHR9	11796973	CHR9:11796973	SSF x Near_LoA	-4,314	-0,117	0,289
CHR9	11856800	CHR9:11856800	SSF x Near_LoA	-7,447	-0,187	0,285
CHR9	11869560	CHR9:11869560	SSF x Near_LoA	-9,568	0,036	0,289
CHR9	11874914	CHR9:11874914	SSF x Near_LoA	-6,622	-0,039	0,286
CHR9	11878642	CHR9:11878642	SSF x Near_LoA	-8,267	-0,028	0,289
CHR9	11878698	CHR9:11878698	SSF x Near_LoA	-7,950	0,010	0,277
CHR9	11878776	CHR9:11878776	SSF x Near_LoA	-7,972	-0,104	0,285
CHR9	11878784	CHR9:11878784	SSF x Near_LoA	-4,295	0,098	0,298
CHR9	11878795	CHR9:11878795	SSF x Near_LoA	-7,050	0,080	0,294
CHR9	11895489	CHR9:11895489	SSF x Near_LoA	-6,853	-0,108	0,286
CHR9	11895523	CHR9:11895523	SSF x Near_LoA	-7,460	-0,022	0,298
CHR9	11895551	CHR9:11895551	SSF x Near_LoA	-9,142	-0,011	0,286
CHR9	11895562	CHR9:11895562	SSF x Near_LoA	-8,291	0,007	0,285
CHR9	11895570	CHR9:11895570	SSF x Near_LoA	-8,576	-0,012	0,296
CHR9	11895571	CHR9:11895571	SSF x Near_LoA	-9,441	-0,011	0,294
CHR9	11895594	CHR9:11895594	SSF x Near_LoA	-6,360	0,166	0,290
CHR9	11895663	CHR9:11895663	SSF x Near_LoA	-8,757	-0,028	0,298
CHR9	11895698	CHR9:11895698	SSF x Near_LoA	-5,963	0,107	0,275
CHR9	11895760	CHR9:11895760	SSF x Near_LoA	-8,832	-0,047	0,292
CHR9	11904221	CHR9:11904221	SSF x Near_LoA	-8,406	0,092	0,289
CHR9	11904239	CHR9:11904239	SSF x Near_LoA	-10,367	0,021	0,285
CHR9	11912662	CHR9:11912662	SSF x Near_LoA	-9,470	-0,029	0,293
CHR9	11916307	CHR9:11916307	SSF x Near_LoA	-8,960	0,069	0,286
CHR9	11916311	CHR9:11916311	SSF x Near_LoA	-4,539	0,198	0,283
CHR9	11916312	CHR9:11916312	SSF x Near_LoA	-5,778	0,203	0,282
CHR9	11916341	CHR9:11916341	SSF x Near_LoA	-3,958	0,099	0,293
CHR9	11916440	CHR9:11916440	SSF x Near_LoA	-6,538	-0,019	0,289
CHR9	11925702	CHR9:11925702	SSF x Near_LoA	-7,567	0,028	0,292
CHR9	11925709	CHR9:11925709	SSF x Near_LoA	-7,709	0,035	0,284
CHR9	11925803	CHR9:11925803	SSF x Near_LoA	-8,296	0,040	0,283
CHR9	11951177	CHR9:11951177	SSF x Near_LoA	-8,159	-0,018	0,287
CHR9	11951191	CHR9:11951191	SSF x Near_LoA	-6,728	-0,010	0,299
CHR9	11951197	CHR9:11951197	SSF x Near_LoA	-8,617	-0,041	0,288
CHR9	11951211	CHR9:11951211	SSF x Near_LoA	-6,645	-0,155	0,287
CHR9	11956421	CHR9:11956421	SSF x Near_LoA	-6,426	-0,106	0,288
CHR9	11956466	CHR9:11956466	SSF x Near_LoA	-6,893	-0,120	0,286
CHR9	11956498	CHR9:11956498	SSF x Near_LoA	-5,615	0,136	0,286
CHR9	11956518	CHR9:11956518	SSF x Near_LoA	-5,941	-0,128	0,280
CHR9	11956532	CHR9:11956532	SSF x Near_LoA	-6,702	0,118	0,280
CHR9	11956543	CHR9:11956543	SSF x Near_LoA	-8,789	0,118	0,286
CHR9	11971234	CHR9:11971234	SSF x Near_LoA	-9,379	-0,042	0,283
CHR9	11971297	CHR9:11971297	SSF x Near_LoA	-5,062	0,135	0,286
CHR9	11971308	CHR9:11971308	SSF x Near_LoA	-6,563	0,065	0,291
CHR9	11971309	CHR9:11971309	SSF x Near_LoA	-7,058	-0,033	0,292
CHR9	11971369	CHR9:11971369	SSF x Near_LoA	-7,725	-0,110	0,284
CHR9	11976952	CHR9:11976952	SSF x Near_LoA	-7,591	-0,086	0,279
CHR9	11977735	CHR9:11977735	SSF x Near_LoA	-8,420	0,008	0,276
CHR9	11988714	CHR9:11988714	SSF x Near_LoA	-6,726	0,140	0,289
CHR9	11988728	CHR9:11988728	SSF x Near_LoA	-7,627	0,004	0,279

CHR9	11988732	CHR9:11988732	SSF x Near_LoA	-7,893	-0,035	0,284
CHR9	11988748	CHR9:11988748	SSF x Near_LoA	-7,652	0,100	0,270
CHR9	11988751	CHR9:11988751	SSF x Near_LoA	-8,245	0,032	0,288
CHR9	11988763	CHR9:11988763	SSF x Near_LoA	-9,212	0,018	0,274
CHR9	11988768	CHR9:11988768	SSF x Near_LoA	-9,024	0,049	0,275
CHR9	11988804	CHR9:11988804	SSF x Near_LoA	-7,729	-0,010	0,291
CHR9	11988818	CHR9:11988818	SSF x Near_LoA	-6,893	0,049	0,276
CHR9	11988825	CHR9:11988825	SSF x Near_LoA	-9,468	-0,042	0,292
CHR9	11988830	CHR9:11988830	SSF x Near_LoA	-8,444	0,098	0,283
CHR9	11988867	CHR9:11988867	SSF x Near_LoA	-9,908	-0,084	0,287
CHR9	11988890	CHR9:11988890	SSF x Near_LoA	-7,743	0,065	0,270
CHR9	11999869	CHR9:11999869	SSF x Near_LoA	-9,604	0,041	0,299
CHR9	11999896	CHR9:11999896	SSF x Near_LoA	-8,064	0,156	0,277
CHR9	11999988	CHR9:11999988	SSF x Near_LoA	-6,685	0,173	0,285
CHR9	12000003	CHR9:12000003	SSF x Near_LoA	-9,717	0,033	0,285
CHR9	12007821	CHR9:12007821	SSF x Near_LoA	-8,228	-0,104	0,304
CHR9	12007939	CHR9:12007939	SSF x Near_LoA	-8,619	0,024	0,277
CHR9	12007943	CHR9:12007943	SSF x Near_LoA	-9,265	0,026	0,273
CHR9	12007998	CHR9:12007998	SSF x Near_LoA	-9,779	0,054	0,269
CHR9	12008026	CHR9:12008026	SSF x Near_LoA	-10,496	0,039	0,281
CHR9	12008033	CHR9:12008033	SSF x Near_LoA	-5,025	0,090	0,275
CHR9	12028835	CHR9:12028835	SSF x Near_LoA	-7,258	0,033	0,301
CHR9	12028880	CHR9:12028880	SSF x Near_LoA	-9,483	0,023	0,293
CHR9	12028899	CHR9:12028899	SSF x Near_LoA	-8,180	-0,006	0,306
CHR9	12028986	CHR9:12028986	SSF x Near_LoA	-6,822	0,168	0,304
CHR9	12029077	CHR9:12029077	SSF x Near_LoA	-7,854	0,125	0,297
CHR9	1204604	CHR9:1204604	SSF x Near_LoA	-8,104	-0,042	0,292
CHR9	1204623	CHR9:1204623	SSF x Near_LoA	-8,595	-0,068	0,288
CHR9	1204653	CHR9:1204653	SSF x Near_LoA	-10,126	-0,011	0,295
CHR9	1204765	CHR9:1204765	SSF x Near_LoA	-8,905	-0,125	0,270
CHR9	1205449	CHR9:1205449	SSF x Near_LoA	-7,201	0,120	0,280
CHR9	1205509	CHR9:1205509	SSF x Near_LoA	-6,582	-0,141	0,285
CHR9	1205537	CHR9:1205537	SSF x Near_LoA	-8,053	0,100	0,305
CHR9	1205586	CHR9:1205586	SSF x Near_LoA	-9,078	-0,046	0,303
CHR9	1205593	CHR9:1205593	SSF x Near_LoA	-9,205	0,042	0,289
CHR9	12056078	CHR9:12056078	SSF x Near_LoA	-7,849	0,124	0,289
CHR9	1205609	CHR9:1205609	SSF x Near_LoA	-8,830	0,086	0,270
CHR9	1205726	CHR9:1205726	SSF x Near_LoA	-8,707	0,110	0,284
CHR9	1205778	CHR9:1205778	SSF x Near_LoA	-7,696	0,078	0,289
CHR9	12072664	CHR9:12072664	SSF x Near_LoA	-8,983	0,037	0,301
CHR9	12083250	CHR9:12083250	SSF x Near_LoA	-9,787	0,070	0,275
CHR9	12083284	CHR9:12083284	SSF x Near_LoA	-9,096	0,051	0,276
CHR9	12083296	CHR9:12083296	SSF x Near_LoA	-9,228	-0,043	0,282
CHR9	12084211	CHR9:12084211	SSF x Near_LoA	-6,198	0,052	0,271
CHR9	12084254	CHR9:12084254	SSF x Near_LoA	-7,852	0,040	0,280
CHR9	12084359	CHR9:12084359	SSF x Near_LoA	-7,764	-0,052	0,267
CHR9	12084407	CHR9:12084407	SSF x Near_LoA	-6,343	-0,107	0,282
CHR9	12084533	CHR9:12084533	SSF x Near_LoA	-6,804	-0,065	0,293
CHR9	12089798	CHR9:12089798	SSF x Near_LoA	-7,717	0,064	0,288
CHR9	12089924	CHR9:12089924	SSF x Near_LoA	-9,253	0,023	0,283
CHR9	12089927	CHR9:12089927	SSF x Near_LoA	-7,359	0,034	0,271
CHR9	12089982	CHR9:12089982	SSF x Near_LoA	-9,370	-0,059	0,274
CHR9	12089996	CHR9:12089996	SSF x Near_LoA	-5,659	0,131	0,284

CHR9	12089999	CHR9:12089999	SSF x Near_LoA	-7,630	0,112	0,282
CHR9	12090075	CHR9:12090075	SSF x Near_LoA	-7,377	-0,033	0,281
CHR9	12090117	CHR9:12090117	SSF x Near_LoA	-8,030	0,060	0,289
CHR9	12090123	CHR9:12090123	SSF x Near_LoA	-8,344	0,054	0,293
CHR9	12090130	CHR9:12090130	SSF x Near_LoA	-8,500	0,072	0,278
CHR9	12090136	CHR9:12090136	SSF x Near_LoA	-9,815	0,092	0,272
CHR9	12090155	CHR9:12090155	SSF x Near_LoA	-7,139	-0,044	0,281
CHR9	12090164	CHR9:12090164	SSF x Near_LoA	-8,136	0,065	0,285
CHR9	12090176	CHR9:12090176	SSF x Near_LoA	-8,630	0,062	0,285
CHR9	12093283	CHR9:12093283	SSF x Near_LoA	-8,297	0,007	0,299
CHR9	12093381	CHR9:12093381	SSF x Near_LoA	-9,315	0,021	0,283
CHR9	12093410	CHR9:12093410	SSF x Near_LoA	-8,392	-0,021	0,293
CHR9	12093430	CHR9:12093430	SSF x Near_LoA	-6,360	-0,114	0,271
CHR9	12135168	CHR9:12135168	SSF x Near_LoA	-10,184	-0,002	0,279
CHR9	12135396	CHR9:12135396	SSF x Near_LoA	-3,531	0,020	0,299
CHR9	12135431	CHR9:12135431	SSF x Near_LoA	-6,993	-0,027	0,288
CHR9	12164899	CHR9:12164899	SSF x Near_LoA	-7,472	-0,187	0,293
CHR9	12164900	CHR9:12164900	SSF x Near_LoA	-5,226	-0,219	0,273
CHR9	12164905	CHR9:12164905	SSF x Near_LoA	-5,496	-0,227	0,281
CHR9	12165086	CHR9:12165086	SSF x Near_LoA	-4,755	0,136	0,286
CHR9	12195429	CHR9:12195429	SSF x Near_LoA	-7,608	0,003	0,284
CHR9	12195455	CHR9:12195455	SSF x Near_LoA	-10,431	-0,008	0,287
CHR9	12195555	CHR9:12195555	SSF x Near_LoA	-10,662	-0,038	0,260
CHR9	12201985	CHR9:12201985	SSF x Near_LoA	-6,776	0,075	0,280
CHR9	12205625	CHR9:12205625	SSF x Near_LoA	-6,944	-0,111	0,281
CHR9	12221008	CHR9:12221008	SSF x Near_LoA	-9,954	-0,018	0,293
CHR9	12221046	CHR9:12221046	SSF x Near_LoA	-8,914	0,064	0,292
CHR9	12221070	CHR9:12221070	SSF x Near_LoA	-9,889	0,047	0,294
CHR9	12221071	CHR9:12221071	SSF x Near_LoA	-6,797	0,007	0,298
CHR9	12221075	CHR9:12221075	SSF x Near_LoA	-8,183	-0,050	0,289
CHR9	12221167	CHR9:12221167	SSF x Near_LoA	-8,648	-0,103	0,288
CHR9	12221179	CHR9:12221179	SSF x Near_LoA	-8,769	-0,082	0,277
CHR9	12221215	CHR9:12221215	SSF x Near_LoA	-7,438	-0,026	0,290
CHR9	12221231	CHR9:12221231	SSF x Near_LoA	-7,872	-0,098	0,278
CHR9	12228057	CHR9:12228057	SSF x Near_LoA	-8,179	0,061	0,275
CHR9	12228080	CHR9:12228080	SSF x Near_LoA	-8,713	-0,038	0,299
CHR9	12228176	CHR9:12228176	SSF x Near_LoA	-8,739	-0,030	0,291
CHR9	12228193	CHR9:12228193	SSF x Near_LoA	-9,471	-0,104	0,290
CHR9	12252964	CHR9:12252964	SSF x Near_LoA	-10,284	-0,006	0,284
CHR9	12253019	CHR9:12253019	SSF x Near_LoA	-9,559	0,017	0,296
CHR9	12257538	CHR9:12257538	SSF x Near_LoA	-9,847	0,001	0,292
CHR9	12257794	CHR9:12257794	SSF x Near_LoA	-5,021	0,195	0,282
CHR9	12266326	CHR9:12266326	SSF x Near_LoA	-8,110	0,025	0,277
CHR9	12269201	CHR9:12269201	SSF x Near_LoA	-8,813	0,057	0,295
CHR9	12269204	CHR9:12269204	SSF x Near_LoA	-6,515	-0,257	0,269
CHR9	12269221	CHR9:12269221	SSF x Near_LoA	-1,333	-0,240	0,250
CHR9	12287658	CHR9:12287658	SSF x Near_LoA	-7,122	0,136	0,273
CHR9	12287800	CHR9:12287800	SSF x Near_LoA	-7,962	-0,041	0,281
CHR9	12287841	CHR9:12287841	SSF x Near_LoA	-6,025	0,153	0,280
CHR9	12287898	CHR9:12287898	SSF x Near_LoA	-7,309	0,128	0,286
CHR9	12292687	CHR9:12292687	SSF x Near_LoA	-7,611	-0,127	0,289
CHR9	12292849	CHR9:12292849	SSF x Near_LoA	-7,950	0,071	0,283
CHR9	12292856	CHR9:12292856	SSF x Near_LoA	-7,859	0,074	0,278

CHR9	12296992	CHR9:12296992	SSF x Near_LoA	-7,534	0,018	0,283
CHR9	12297029	CHR9:12297029	SSF x Near_LoA	-8,409	0,034	0,278
CHR9	12297119	CHR9:12297119	SSF x Near_LoA	-8,354	0,120	0,290
CHR9	12307387	CHR9:12307387	SSF x Near_LoA	-6,578	0,135	0,279
CHR9	12324763	CHR9:12324763	SSF x Near_LoA	-7,589	-0,049	0,287
CHR9	12324773	CHR9:12324773	SSF x Near_LoA	-3,214	0,102	0,284
CHR9	12333483	CHR9:12333483	SSF x Near_LoA	-7,705	-0,015	0,289
CHR9	12333544	CHR9:12333544	SSF x Near_LoA	-6,900	-0,198	0,284
CHR9	12333557	CHR9:12333557	SSF x Near_LoA	-6,994	0,091	0,280
CHR9	12333584	CHR9:12333584	SSF x Near_LoA	-9,177	0,002	0,284
CHR9	12333601	CHR9:12333601	SSF x Near_LoA	-8,892	-0,027	0,281
CHR9	12333642	CHR9:12333642	SSF x Near_LoA	-9,095	0,059	0,287
CHR9	12335555	CHR9:12335555	SSF x Near_LoA	-7,111	0,156	0,278
CHR9	12335587	CHR9:12335587	SSF x Near_LoA	-9,014	-0,063	0,267
CHR9	12335757	CHR9:12335757	SSF x Near_LoA	-6,962	-0,163	0,282
CHR9	12335760	CHR9:12335760	SSF x Near_LoA	-8,724	0,052	0,284
CHR9	12335767	CHR9:12335767	SSF x Near_LoA	-6,500	0,096	0,289
CHR9	12335798	CHR9:12335798	SSF x Near_LoA	-9,551	0,020	0,290
CHR9	1234193	CHR9:1234193	SSF x Near_LoA	-8,731	0,132	0,278
CHR9	12383052	CHR9:12383052	SSF x Near_LoA	-3,319	-0,167	0,284
CHR9	12392678	CHR9:12392678	SSF x Near_LoA	-9,876	-0,041	0,283
CHR9	12392708	CHR9:12392708	SSF x Near_LoA	-9,710	0,031	0,290
CHR9	12392910	CHR9:12392910	SSF x Near_LoA	-3,819	-0,177	0,283
CHR9	12392975	CHR9:12392975	SSF x Near_LoA	-7,748	0,058	0,284
CHR9	12413529	CHR9:12413529	SSF x Near_LoA	-9,329	-0,077	0,291
CHR9	12413552	CHR9:12413552	SSF x Near_LoA	-7,980	-0,105	0,283
CHR9	12425723	CHR9:12425723	SSF x Near_LoA	-6,484	0,164	0,273
CHR9	12433667	CHR9:12433667	SSF x Near_LoA	-0,473	-0,014	0,285
CHR9	12435162	CHR9:12435162	SSF x Near_LoA	-7,544	0,133	0,269
CHR9	12435230	CHR9:12435230	SSF x Near_LoA	-8,437	0,064	0,299
CHR9	1243554	CHR9:1243554	SSF x Near_LoA	-7,532	0,088	0,282
CHR9	12443428	CHR9:12443428	SSF x Near_LoA	-5,042	-0,196	0,272
CHR9	12443575	CHR9:12443575	SSF x Near_LoA	-9,317	-0,116	0,279
CHR9	12443577	CHR9:12443577	SSF x Near_LoA	-2,914	-0,219	0,269
CHR9	12443593	CHR9:12443593	SSF x Near_LoA	-0,061	0,111	0,287
CHR9	12448142	CHR9:12448142	SSF x Near_LoA	-8,885	0,111	0,282
CHR9	12448176	CHR9:12448176	SSF x Near_LoA	-6,227	-0,054	0,280
CHR9	12448209	CHR9:12448209	SSF x Near_LoA	-10,067	-0,001	0,282
CHR9	12448356	CHR9:12448356	SSF x Near_LoA	-3,967	0,237	0,267
CHR9	12455637	CHR9:12455637	SSF x Near_LoA	-8,519	0,106	0,284
CHR9	12455669	CHR9:12455669	SSF x Near_LoA	-7,817	-0,068	0,281
CHR9	12455689	CHR9:12455689	SSF x Near_LoA	-7,768	0,046	0,285
CHR9	12455700	CHR9:12455700	SSF x Near_LoA	-8,517	-0,017	0,274
CHR9	12455714	CHR9:12455714	SSF x Near_LoA	-7,888	0,010	0,301
CHR9	12455725	CHR9:12455725	SSF x Near_LoA	-8,000	0,017	0,301
CHR9	12455735	CHR9:12455735	SSF x Near_LoA	-8,231	0,026	0,281
CHR9	12455846	CHR9:12455846	SSF x Near_LoA	-7,620	-0,017	0,272
CHR9	12458050	CHR9:12458050	SSF x Near_LoA	-10,382	0,083	0,293
CHR9	12472751	CHR9:12472751	SSF x Near_LoA	-10,896	0,019	0,274
CHR9	12472790	CHR9:12472790	SSF x Near_LoA	-8,327	0,098	0,271
CHR9	12472795	CHR9:12472795	SSF x Near_LoA	-6,574	0,140	0,274
CHR9	12472899	CHR9:12472899	SSF x Near_LoA	-8,278	0,144	0,285
CHR9	12478097	CHR9:12478097	SSF x Near_LoA	-6,230	-0,125	0,287

CHR9	12478123	CHR9:12478123	SSF x Near_LoA	-6,226	-0,103	0,279
CHR9	12479249	CHR9:12479249	SSF x Near_LoA	-9,296	0,121	0,270
CHR9	12479353	CHR9:12479353	SSF x Near_LoA	-9,601	0,021	0,294
CHR9	12479396	CHR9:12479396	SSF x Near_LoA	-8,107	0,065	0,298
CHR9	12480574	CHR9:12480574	SSF x Near_LoA	-10,709	-0,004	0,291
CHR9	12480604	CHR9:12480604	SSF x Near_LoA	-5,978	0,170	0,289
CHR9	12480629	CHR9:12480629	SSF x Near_LoA	-8,955	-0,010	0,281
CHR9	12480663	CHR9:12480663	SSF x Near_LoA	-8,566	0,068	0,296
CHR9	12480768	CHR9:12480768	SSF x Near_LoA	-5,969	-0,077	0,284
CHR9	12496979	CHR9:12496979	SSF x Near_LoA	0,810	-0,196	0,279
CHR9	12496983	CHR9:12496983	SSF x Near_LoA	-6,360	0,030	0,280
CHR9	12497222	CHR9:12497222	SSF x Near_LoA	-9,560	-0,003	0,292
CHR9	12507307	CHR9:12507307	SSF x Near_LoA	-6,793	-0,103	0,292
CHR9	12507419	CHR9:12507419	SSF x Near_LoA	-7,929	-0,083	0,291
CHR9	12507466	CHR9:12507466	SSF x Near_LoA	-7,472	0,077	0,294
CHR9	12507489	CHR9:12507489	SSF x Near_LoA	-8,122	0,069	0,290
CHR9	12508605	CHR9:12508605	SSF x Near_LoA	-10,507	-0,044	0,285
CHR9	12512324	CHR9:12512324	SSF x Near_LoA	-9,886	0,047	0,285
CHR9	12512359	CHR9:12512359	SSF x Near_LoA	-8,174	0,046	0,291
CHR9	12512417	CHR9:12512417	SSF x Near_LoA	-3,559	0,140	0,297
CHR9	12512497	CHR9:12512497	SSF x Near_LoA	-9,445	0,052	0,280
CHR9	12512533	CHR9:12512533	SSF x Near_LoA	-7,047	0,095	0,281
CHR9	12539499	CHR9:12539499	SSF x Near_LoA	-8,864	0,027	0,292
CHR9	12539527	CHR9:12539527	SSF x Near_LoA	-1,966	-0,159	0,285
CHR9	12539555	CHR9:12539555	SSF x Near_LoA	-6,839	0,132	0,285
CHR9	12539578	CHR9:12539578	SSF x Near_LoA	-6,599	-0,124	0,286
CHR9	12539704	CHR9:12539704	SSF x Near_LoA	-6,493	-0,097	0,281
CHR9	12539710	CHR9:12539710	SSF x Near_LoA	-8,791	-0,064	0,285
CHR9	12539712	CHR9:12539712	SSF x Near_LoA	-6,196	0,143	0,272
CHR9	12539715	CHR9:12539715	SSF x Near_LoA	-8,485	-0,125	0,286
CHR9	12551020	CHR9:12551020	SSF x Near_LoA	-9,425	-0,068	0,290
CHR9	12551058	CHR9:12551058	SSF x Near_LoA	-1,308	-0,109	0,302
CHR9	12551064	CHR9:12551064	SSF x Near_LoA	-9,244	0,030	0,288
CHR9	12551086	CHR9:12551086	SSF x Near_LoA	-7,984	-0,022	0,295
CHR9	12600728	CHR9:12600728	SSF x Near_LoA	-6,307	-0,152	0,267
CHR9	12605702	CHR9:12605702	SSF x Near_LoA	-3,579	-0,099	0,288
CHR9	12605777	CHR9:12605777	SSF x Near_LoA	-10,018	-0,001	0,268
CHR9	12612698	CHR9:12612698	SSF x Near_LoA	-7,335	-0,155	0,283
CHR9	12617248	CHR9:12617248	SSF x Near_LoA	-6,331	-0,122	0,290
CHR9	12619247	CHR9:12619247	SSF x Near_LoA	-7,850	-0,050	0,289
CHR9	12619266	CHR9:12619266	SSF x Near_LoA	-7,012	0,022	0,277
CHR9	1261982	CHR9:1261982	SSF x Near_LoA	-8,087	-0,077	0,274
CHR9	12625141	CHR9:12625141	SSF x Near_LoA	-7,953	-0,133	0,294
CHR9	1262642	CHR9:1262642	SSF x Near_LoA	-8,184	-0,081	0,307
CHR9	12638560	CHR9:12638560	SSF x Near_LoA	-8,580	0,005	0,299
CHR9	12638579	CHR9:12638579	SSF x Near_LoA	-7,672	-0,019	0,293
CHR9	12639765	CHR9:12639765	SSF x Near_LoA	-1,931	0,226	0,266
CHR9	12640072	CHR9:12640072	SSF x Near_LoA	-7,594	0,002	0,296
CHR9	12679119	CHR9:12679119	SSF x Near_LoA	-7,790	0,144	0,269
CHR9	12679148	CHR9:12679148	SSF x Near_LoA	-5,334	0,160	0,283
CHR9	12690485	CHR9:12690485	SSF x Near_LoA	-9,016	0,090	0,270
CHR9	12690532	CHR9:12690532	SSF x Near_LoA	-8,314	-0,042	0,287
CHR9	12691139	CHR9:12691139	SSF x Near_LoA	-9,430	-0,021	0,287

CHR9	12699889	CHR9:12699889	SSF x Near_LoA	-11,029	-0,039	0,280
CHR9	12705494	CHR9:12705494	SSF x Near_LoA	-6,901	-0,060	0,291
CHR9	12705570	CHR9:12705570	SSF x Near_LoA	-7,562	0,038	0,314
CHR9	12705619	CHR9:12705619	SSF x Near_LoA	-8,107	-0,091	0,284
CHR9	12705651	CHR9:12705651	SSF x Near_LoA	-8,763	0,100	0,276
CHR9	12705657	CHR9:12705657	SSF x Near_LoA	-10,761	0,028	0,284
CHR9	12705713	CHR9:12705713	SSF x Near_LoA	-8,385	-0,051	0,282
CHR9	12728972	CHR9:12728972	SSF x Near_LoA	-7,535	-0,037	0,286
CHR9	12730148	CHR9:12730148	SSF x Near_LoA	-6,902	0,128	0,278
CHR9	12811728	CHR9:12811728	SSF x Near_LoA	-2,937	0,188	0,288
CHR9	12830185	CHR9:12830185	SSF x Near_LoA	-4,660	0,100	0,281
CHR9	12830221	CHR9:12830221	SSF x Near_LoA	-6,194	0,106	0,282
CHR9	12843415	CHR9:12843415	SSF x Near_LoA	-7,392	0,078	0,292
CHR9	12868594	CHR9:12868594	SSF x Near_LoA	-6,001	0,030	0,291
CHR9	12892064	CHR9:12892064	SSF x Near_LoA	-10,709	-0,062	0,280
CHR9	12900063	CHR9:12900063	SSF x Near_LoA	-6,927	0,087	0,283
CHR9	12901967	CHR9:12901967	SSF x Near_LoA	-9,002	0,118	0,285
CHR9	12901982	CHR9:12901982	SSF x Near_LoA	-7,786	0,010	0,282
CHR9	12902006	CHR9:12902006	SSF x Near_LoA	-8,760	0,092	0,267
CHR9	12902065	CHR9:12902065	SSF x Near_LoA	-7,038	0,064	0,280
CHR9	12902088	CHR9:12902088	SSF x Near_LoA	-10,355	-0,055	0,295
CHR9	12903661	CHR9:12903661	SSF x Near_LoA	-6,365	0,092	0,293
CHR9	12903841	CHR9:12903841	SSF x Near_LoA	-10,785	-0,047	0,274
CHR9	12903856	CHR9:12903856	SSF x Near_LoA	-5,667	0,141	0,279
CHR9	12903938	CHR9:12903938	SSF x Near_LoA	-9,198	0,003	0,293
CHR9	12904000	CHR9:12904000	SSF x Near_LoA	-9,697	0,034	0,276
CHR9	12918230	CHR9:12918230	SSF x Near_LoA	-10,064	-0,033	0,277
CHR9	12918240	CHR9:12918240	SSF x Near_LoA	-8,690	-0,086	0,276
CHR9	12918347	CHR9:12918347	SSF x Near_LoA	-10,395	0,032	0,278
CHR9	12918389	CHR9:12918389	SSF x Near_LoA	-7,432	0,019	0,273
CHR9	12931945	CHR9:12931945	SSF x Near_LoA	-10,243	-0,048	0,291
CHR9	12932146	CHR9:12932146	SSF x Near_LoA	-6,312	-0,151	0,275
CHR9	12932370	CHR9:12932370	SSF x Near_LoA	-4,582	-0,178	0,280
CHR9	12960119	CHR9:12960119	SSF x Near_LoA	-10,344	-0,018	0,300
CHR9	12960123	CHR9:12960123	SSF x Near_LoA	-6,002	-0,097	0,278
CHR9	12960182	CHR9:12960182	SSF x Near_LoA	-8,405	-0,069	0,296
CHR9	12960320	CHR9:12960320	SSF x Near_LoA	-5,042	0,207	0,276
CHR9	12960348	CHR9:12960348	SSF x Near_LoA	-6,143	0,093	0,283
CHR9	12971457	CHR9:12971457	SSF x Near_LoA	-6,820	-0,065	0,281
CHR9	12971463	CHR9:12971463	SSF x Near_LoA	-7,778	-0,019	0,278
CHR9	13027314	CHR9:13027314	SSF x Near_LoA	-9,641	-0,089	0,267
CHR9	13027490	CHR9:13027490	SSF x Near_LoA	-7,996	0,204	0,280
CHR9	13027511	CHR9:13027511	SSF x Near_LoA	-9,550	-0,117	0,278
CHR9	13027520	CHR9:13027520	SSF x Near_LoA	-9,742	-0,079	0,274
CHR9	13027580	CHR9:13027580	SSF x Near_LoA	-5,902	-0,092	0,285
CHR9	13027599	CHR9:13027599	SSF x Near_LoA	-5,967	0,034	0,293
CHR9	13027634	CHR9:13027634	SSF x Near_LoA	-5,325	0,000	0,277
CHR9	13047650	CHR9:13047650	SSF x Near_LoA	-6,392	0,150	0,279
CHR9	13060974	CHR9:13060974	SSF x Near_LoA	-9,180	0,093	0,276
CHR9	13061870	CHR9:13061870	SSF x Near_LoA	-6,091	-0,016	0,291
CHR9	13063231	CHR9:13063231	SSF x Near_LoA	-9,472	-0,124	0,283
CHR9	13066348	CHR9:13066348	SSF x Near_LoA	-7,158	-0,055	0,285
CHR9	13066586	CHR9:13066586	SSF x Near_LoA	-5,833	-0,142	0,277

CHR9	13076779	CHR9:13076779	SSF x Near_LoA	-7,963	0,041	0,286
CHR9	13076881	CHR9:13076881	SSF x Near_LoA	-7,667	0,083	0,267
CHR9	13088235	CHR9:13088235	SSF x Near_LoA	-8,321	0,122	0,286
CHR9	13089694	CHR9:13089694	SSF x Near_LoA	-8,265	-0,048	0,281
CHR9	13089982	CHR9:13089982	SSF x Near_LoA	-9,312	-0,044	0,295
CHR9	13106446	CHR9:13106446	SSF x Near_LoA	-7,386	-0,011	0,282
CHR9	13106477	CHR9:13106477	SSF x Near_LoA	-8,218	0,010	0,279
CHR9	13106489	CHR9:13106489	SSF x Near_LoA	-8,562	0,035	0,294
CHR9	13106498	CHR9:13106498	SSF x Near_LoA	-7,401	-0,039	0,289
CHR9	13106502	CHR9:13106502	SSF x Near_LoA	-7,391	0,023	0,304
CHR9	13107170	CHR9:13107170	SSF x Near_LoA	1,266	0,324	0,268
CHR9	13107178	CHR9:13107178	SSF x Near_LoA	-4,685	0,080	0,299
CHR9	13110279	CHR9:13110279	SSF x Near_LoA	-9,335	-0,048	0,297
CHR9	13110280	CHR9:13110280	SSF x Near_LoA	-9,302	-0,042	0,295
CHR9	13110345	CHR9:13110345	SSF x Near_LoA	-6,209	-0,130	0,284
CHR9	13110405	CHR9:13110405	SSF x Near_LoA	-7,867	0,080	0,294
CHR9	13111935	CHR9:13111935	SSF x Near_LoA	-8,813	0,030	0,291
CHR9	13115873	CHR9:13115873	SSF x Near_LoA	-5,211	0,135	0,284
CHR9	13125755	CHR9:13125755	SSF x Near_LoA	-9,404	-0,126	0,293
CHR9	13138264	CHR9:13138264	SSF x Near_LoA	-7,485	-0,155	0,284
CHR9	13138289	CHR9:13138289	SSF x Near_LoA	-8,680	-0,071	0,283
CHR9	13138302	CHR9:13138302	SSF x Near_LoA	2,865	0,160	0,282
CHR9	13138491	CHR9:13138491	SSF x Near_LoA	-10,660	0,030	0,285
CHR9	13138508	CHR9:13138508	SSF x Near_LoA	-9,683	0,001	0,276
CHR9	13138510	CHR9:13138510	SSF x Near_LoA	-8,771	0,012	0,290
CHR9	13138547	CHR9:13138547	SSF x Near_LoA	1,120	-0,154	0,268
CHR9	13138551	CHR9:13138551	SSF x Near_LoA	-6,200	-0,124	0,292
CHR9	13138552	CHR9:13138552	SSF x Near_LoA	-4,276	-0,120	0,295
CHR9	13147440	CHR9:13147440	SSF x Near_LoA	-7,239	-0,075	0,289
CHR9	13147497	CHR9:13147497	SSF x Near_LoA	-7,408	-0,060	0,302
CHR9	13147553	CHR9:13147553	SSF x Near_LoA	-8,161	-0,056	0,288
CHR9	13147580	CHR9:13147580	SSF x Near_LoA	-6,045	0,169	0,275
CHR9	13156517	CHR9:13156517	SSF x Near_LoA	-9,825	-0,060	0,275
CHR9	13156550	CHR9:13156550	SSF x Near_LoA	-8,940	-0,058	0,293
CHR9	13156561	CHR9:13156561	SSF x Near_LoA	-9,122	-0,037	0,292
CHR9	13156587	CHR9:13156587	SSF x Near_LoA	-6,697	0,066	0,299
CHR9	13156594	CHR9:13156594	SSF x Near_LoA	-7,558	0,039	0,302
CHR9	13159814	CHR9:13159814	SSF x Near_LoA	2,171	-0,122	0,295
CHR9	13159906	CHR9:13159906	SSF x Near_LoA	-4,796	0,125	0,310
CHR9	13160041	CHR9:13160041	SSF x Near_LoA	0,197	0,038	0,299
CHR9	13167797	CHR9:13167797	SSF x Near_LoA	-8,280	0,050	0,289
CHR9	13177591	CHR9:13177591	SSF x Near_LoA	-6,241	0,083	0,282
CHR9	13177890	CHR9:13177890	SSF x Near_LoA	-5,888	0,032	0,286
CHR9	13177911	CHR9:13177911	SSF x Near_LoA	-9,340	0,112	0,288
CHR9	13199381	CHR9:13199381	SSF x Near_LoA	-10,378	-0,076	0,281
CHR9	13199382	CHR9:13199382	SSF x Near_LoA	-7,756	-0,013	0,287
CHR9	13199408	CHR9:13199408	SSF x Near_LoA	-9,501	-0,063	0,280
CHR9	13199588	CHR9:13199588	SSF x Near_LoA	-8,629	-0,126	0,271
CHR9	13199638	CHR9:13199638	SSF x Near_LoA	-9,685	-0,059	0,292
CHR9	13222510	CHR9:13222510	SSF x Near_LoA	-10,786	0,024	0,278
CHR9	13222511	CHR9:13222511	SSF x Near_LoA	-10,562	0,019	0,283
CHR9	13222513	CHR9:13222513	SSF x Near_LoA	-10,163	0,018	0,286
CHR9	13222514	CHR9:13222514	SSF x Near_LoA	-10,493	-0,012	0,292

CHR9	13222517	CHR9:13222517	SSF x Near_LoA	-9,118	-0,103	0,291
CHR9	13222518	CHR9:13222518	SSF x Near_LoA	-8,227	-0,107	0,299
CHR9	13223888	CHR9:13223888	SSF x Near_LoA	-10,616	0,040	0,282
CHR9	13227648	CHR9:13227648	SSF x Near_LoA	-9,477	-0,022	0,291
CHR9	13227705	CHR9:13227705	SSF x Near_LoA	-10,855	-0,057	0,292
CHR9	13227915	CHR9:13227915	SSF x Near_LoA	-8,250	0,114	0,296
CHR9	13227978	CHR9:13227978	SSF x Near_LoA	-6,953	-0,100	0,275
CHR9	13228772	CHR9:13228772	SSF x Near_LoA	-3,432	-0,087	0,298
CHR9	13240610	CHR9:13240610	SSF x Near_LoA	-9,122	0,088	0,279
CHR9	13240612	CHR9:13240612	SSF x Near_LoA	-8,232	-0,043	0,296
CHR9	13248178	CHR9:13248178	SSF x Near_LoA	-8,468	-0,081	0,289
CHR9	13248264	CHR9:13248264	SSF x Near_LoA	-7,038	-0,032	0,275
CHR9	13256492	CHR9:13256492	SSF x Near_LoA	-9,531	0,037	0,289
CHR9	13260874	CHR9:13260874	SSF x Near_LoA	-9,308	0,010	0,290
CHR9	13303283	CHR9:13303283	SSF x Near_LoA	-1,366	0,040	0,285
CHR9	13308232	CHR9:13308232	SSF x Near_LoA	-10,457	-0,109	0,278
CHR9	13318907	CHR9:13318907	SSF x Near_LoA	-6,492	0,100	0,270
CHR9	13318980	CHR9:13318980	SSF x Near_LoA	-2,631	-0,108	0,284
CHR9	13318983	CHR9:13318983	SSF x Near_LoA	-6,639	-0,088	0,291
CHR9	13328947	CHR9:13328947	SSF x Near_LoA	-9,341	0,013	0,293
CHR9	13328968	CHR9:13328968	SSF x Near_LoA	-9,165	0,024	0,279
CHR9	13329263	CHR9:13329263	SSF x Near_LoA	-5,387	0,187	0,280
CHR9	13335236	CHR9:13335236	SSF x Near_LoA	-8,314	-0,044	0,292
CHR9	13346805	CHR9:13346805	SSF x Near_LoA	-8,277	-0,013	0,302
CHR9	13346828	CHR9:13346828	SSF x Near_LoA	-8,964	-0,010	0,274
CHR9	13346984	CHR9:13346984	SSF x Near_LoA	-7,341	0,105	0,282
CHR9	13346987	CHR9:13346987	SSF x Near_LoA	-8,879	-0,067	0,308
CHR9	13351276	CHR9:13351276	SSF x Near_LoA	-7,386	0,190	0,265
CHR9	13351281	CHR9:13351281	SSF x Near_LoA	-7,939	0,079	0,290
CHR9	13351448	CHR9:13351448	SSF x Near_LoA	-8,957	-0,121	0,267
CHR9	13351463	CHR9:13351463	SSF x Near_LoA	-5,141	-0,011	0,294
CHR9	13351566	CHR9:13351566	SSF x Near_LoA	-8,813	-0,101	0,288
CHR9	13364815	CHR9:13364815	SSF x Near_LoA	-9,581	-0,045	0,305
CHR9	13374411	CHR9:13374411	SSF x Near_LoA	-7,301	-0,029	0,292
CHR9	13374471	CHR9:13374471	SSF x Near_LoA	-7,603	0,002	0,299
CHR9	13374501	CHR9:13374501	SSF x Near_LoA	-8,212	0,015	0,282
CHR9	13374502	CHR9:13374502	SSF x Near_LoA	-8,593	0,090	0,273
CHR9	13374533	CHR9:13374533	SSF x Near_LoA	-3,324	0,148	0,287
CHR9	13374557	CHR9:13374557	SSF x Near_LoA	-9,076	0,043	0,275
CHR9	13374577	CHR9:13374577	SSF x Near_LoA	-7,678	0,014	0,289
CHR9	13381180	CHR9:13381180	SSF x Near_LoA	-8,374	0,032	0,281
CHR9	13381328	CHR9:13381328	SSF x Near_LoA	-3,261	0,033	0,283
CHR9	13381335	CHR9:13381335	SSF x Near_LoA	-9,393	-0,063	0,287
CHR9	13381369	CHR9:13381369	SSF x Near_LoA	-7,714	-0,147	0,285
CHR9	13392158	CHR9:13392158	SSF x Near_LoA	-9,598	-0,051	0,282
CHR9	13392216	CHR9:13392216	SSF x Near_LoA	-9,919	0,026	0,284
CHR9	13394107	CHR9:13394107	SSF x Near_LoA	-8,639	-0,031	0,287
CHR9	13394198	CHR9:13394198	SSF x Near_LoA	-8,338	0,007	0,277
CHR9	13394205	CHR9:13394205	SSF x Near_LoA	-4,736	0,038	0,270
CHR9	13394211	CHR9:13394211	SSF x Near_LoA	-9,995	-0,008	0,294
CHR9	13394220	CHR9:13394220	SSF x Near_LoA	-10,067	0,045	0,267
CHR9	13394241	CHR9:13394241	SSF x Near_LoA	-9,330	-0,020	0,279
CHR9	13406224	CHR9:13406224	SSF x Near_LoA	-7,221	0,096	0,293

CHR9	13406394	CHR9:13406394	SSF x Near_LoA	-8,977	0,091	0,293
CHR9	13406422	CHR9:13406422	SSF x Near_LoA	-9,575	-0,015	0,302
CHR9	13406451	CHR9:13406451	SSF x Near_LoA	-9,221	0,042	0,287
CHR9	13406473	CHR9:13406473	SSF x Near_LoA	-7,981	-0,033	0,288
CHR9	13408663	CHR9:13408663	SSF x Near_LoA	-9,162	-0,006	0,291
CHR9	13408713	CHR9:13408713	SSF x Near_LoA	-8,095	-0,013	0,283
CHR9	13427250	CHR9:13427250	SSF x Near_LoA	-8,824	0,034	0,300
CHR9	13427430	CHR9:13427430	SSF x Near_LoA	-9,287	0,060	0,289
CHR9	13427509	CHR9:13427509	SSF x Near_LoA	-8,302	0,117	0,286
CHR9	13435845	CHR9:13435845	SSF x Near_LoA	-8,180	-0,008	0,262
CHR9	13435921	CHR9:13435921	SSF x Near_LoA	-7,685	0,014	0,293
CHR9	13435963	CHR9:13435963	SSF x Near_LoA	-5,101	0,092	0,288
CHR9	13447805	CHR9:13447805	SSF x Near_LoA	-7,307	0,029	0,304
CHR9	13447864	CHR9:13447864	SSF x Near_LoA	-8,207	0,165	0,281
CHR9	13447869	CHR9:13447869	SSF x Near_LoA	-7,242	-0,141	0,273
CHR9	13447914	CHR9:13447914	SSF x Near_LoA	-7,911	0,010	0,284
CHR9	13452740	CHR9:13452740	SSF x Near_LoA	-10,262	-0,055	0,285
CHR9	13452953	CHR9:13452953	SSF x Near_LoA	-5,741	-0,101	0,284
CHR9	13453000	CHR9:13453000	SSF x Near_LoA	-8,517	-0,113	0,284
CHR9	13456635	CHR9:13456635	SSF x Near_LoA	-7,488	0,078	0,272
CHR9	13456719	CHR9:13456719	SSF x Near_LoA	-10,518	-0,047	0,284
CHR9	13456725	CHR9:13456725	SSF x Near_LoA	-5,667	-0,151	0,278
CHR9	13456770	CHR9:13456770	SSF x Near_LoA	-9,982	-0,004	0,295
CHR9	13463493	CHR9:13463493	SSF x Near_LoA	-1,609	0,156	0,295
CHR9	13463498	CHR9:13463498	SSF x Near_LoA	-7,951	0,015	0,298
CHR9	13468929	CHR9:13468929	SSF x Near_LoA	-3,475	-0,131	0,293
CHR9	13491161	CHR9:13491161	SSF x Near_LoA	-7,609	0,141	0,282
CHR9	1350657	CHR9:1350657	SSF x Near_LoA	-6,605	0,033	0,295
CHR9	13509159	CHR9:13509159	SSF x Near_LoA	-9,276	-0,037	0,298
CHR9	13515921	CHR9:13515921	SSF x Near_LoA	-7,981	0,088	0,276
CHR9	13515925	CHR9:13515925	SSF x Near_LoA	-8,936	0,062	0,287
CHR9	13516037	CHR9:13516037	SSF x Near_LoA	-5,733	0,204	0,292
CHR9	13526078	CHR9:13526078	SSF x Near_LoA	-8,571	-0,025	0,273
CHR9	13526117	CHR9:13526117	SSF x Near_LoA	-7,466	-0,063	0,264
CHR9	13535045	CHR9:13535045	SSF x Near_LoA	-6,702	0,091	0,284
CHR9	13542850	CHR9:13542850	SSF x Near_LoA	-9,787	0,020	0,287
CHR9	13543246	CHR9:13543246	SSF x Near_LoA	-5,648	-0,096	0,288
CHR9	13556652	CHR9:13556652	SSF x Near_LoA	-8,017	0,097	0,277
CHR9	13570062	CHR9:13570062	SSF x Near_LoA	-6,357	0,015	0,298
CHR9	13570125	CHR9:13570125	SSF x Near_LoA	-6,701	0,016	0,281
CHR9	13570229	CHR9:13570229	SSF x Near_LoA	-8,990	0,019	0,280
CHR9	13570257	CHR9:13570257	SSF x Near_LoA	-6,479	0,073	0,286
CHR9	13596743	CHR9:13596743	SSF x Near_LoA	-7,732	0,121	0,266
CHR9	13599242	CHR9:13599242	SSF x Near_LoA	-8,736	-0,065	0,284
CHR9	13599383	CHR9:13599383	SSF x Near_LoA	-9,643	0,014	0,294
CHR9	13602427	CHR9:13602427	SSF x Near_LoA	-9,164	-0,027	0,297
CHR9	13618305	CHR9:13618305	SSF x Near_LoA	-9,077	-0,022	0,296
CHR9	13618544	CHR9:13618544	SSF x Near_LoA	-6,922	-0,142	0,296
CHR9	13633374	CHR9:13633374	SSF x Near_LoA	-8,745	0,149	0,281
CHR9	13634145	CHR9:13634145	SSF x Near_LoA	-8,499	-0,105	0,276
CHR9	13634184	CHR9:13634184	SSF x Near_LoA	-8,599	-0,079	0,295
CHR9	13634193	CHR9:13634193	SSF x Near_LoA	-9,971	0,047	0,290
CHR9	13634217	CHR9:13634217	SSF x Near_LoA	-9,372	0,001	0,284

CHR9	13634229	CHR9:13634229	SSF x Near_LoA	-8,988	0,016	0,281
CHR9	13634239	CHR9:13634239	SSF x Near_LoA	-7,632	0,051	0,290
CHR9	13634244	CHR9:13634244	SSF x Near_LoA	-7,630	0,078	0,287
CHR9	13634254	CHR9:13634254	SSF x Near_LoA	-7,664	0,071	0,289
CHR9	13634263	CHR9:13634263	SSF x Near_LoA	-8,600	0,063	0,280
CHR9	13634271	CHR9:13634271	SSF x Near_LoA	-8,355	0,020	0,291
CHR9	13634280	CHR9:13634280	SSF x Near_LoA	-7,291	0,100	0,282
CHR9	13634296	CHR9:13634296	SSF x Near_LoA	-9,040	-0,001	0,288
CHR9	13634300	CHR9:13634300	SSF x Near_LoA	-9,315	0,014	0,290
CHR9	13634330	CHR9:13634330	SSF x Near_LoA	-8,049	0,102	0,290
CHR9	13640875	CHR9:13640875	SSF x Near_LoA	-7,431	0,127	0,279
CHR9	13640877	CHR9:13640877	SSF x Near_LoA	-8,122	0,171	0,267
CHR9	13651720	CHR9:13651720	SSF x Near_LoA	-5,703	-0,214	0,270
CHR9	13651909	CHR9:13651909	SSF x Near_LoA	-9,980	0,061	0,287
CHR9	13651973	CHR9:13651973	SSF x Near_LoA	-2,339	-0,247	0,266
CHR9	13653086	CHR9:13653086	SSF x Near_LoA	-8,216	0,086	0,287
CHR9	13653141	CHR9:13653141	SSF x Near_LoA	-8,973	0,031	0,279
CHR9	13653145	CHR9:13653145	SSF x Near_LoA	-7,978	0,046	0,273
CHR9	13653176	CHR9:13653176	SSF x Near_LoA	-9,260	0,017	0,285
CHR9	13670965	CHR9:13670965	SSF x Near_LoA	-7,638	-0,145	0,276
CHR9	13670973	CHR9:13670973	SSF x Near_LoA	-6,727	-0,031	0,303
CHR9	13671014	CHR9:13671014	SSF x Near_LoA	-7,475	0,051	0,278
CHR9	13689733	CHR9:13689733	SSF x Near_LoA	-9,954	0,007	0,298
CHR9	13694116	CHR9:13694116	SSF x Near_LoA	-9,045	-0,038	0,281
CHR9	13694119	CHR9:13694119	SSF x Near_LoA	-9,005	-0,029	0,292
CHR9	13697681	CHR9:13697681	SSF x Near_LoA	-8,784	-0,005	0,271
CHR9	13697722	CHR9:13697722	SSF x Near_LoA	-9,381	0,040	0,280
CHR9	13710700	CHR9:13710700	SSF x Near_LoA	-6,405	0,117	0,283
CHR9	13725867	CHR9:13725867	SSF x Near_LoA	-9,959	-0,005	0,281
CHR9	13725900	CHR9:13725900	SSF x Near_LoA	-0,598	0,113	0,293
CHR9	13725908	CHR9:13725908	SSF x Near_LoA	-6,352	0,160	0,289
CHR9	13725933	CHR9:13725933	SSF x Near_LoA	-3,274	-0,093	0,292
CHR9	13725975	CHR9:13725975	SSF x Near_LoA	-7,558	0,018	0,295
CHR9	13725984	CHR9:13725984	SSF x Near_LoA	-9,678	0,096	0,291
CHR9	13726002	CHR9:13726002	SSF x Near_LoA	-7,533	0,172	0,286
CHR9	13726125	CHR9:13726125	SSF x Near_LoA	-7,857	0,026	0,297
CHR9	13726126	CHR9:13726126	SSF x Near_LoA	-10,491	0,009	0,282
CHR9	13726143	CHR9:13726143	SSF x Near_LoA	-8,052	-0,056	0,299
CHR9	13726153	CHR9:13726153	SSF x Near_LoA	-7,495	-0,026	0,303
CHR9	13726169	CHR9:13726169	SSF x Near_LoA	-9,465	-0,027	0,283
CHR9	13735367	CHR9:13735367	SSF x Near_LoA	-8,934	-0,111	0,267
CHR9	13735384	CHR9:13735384	SSF x Near_LoA	-7,100	0,043	0,290
CHR9	13735406	CHR9:13735406	SSF x Near_LoA	-9,609	-0,105	0,281
CHR9	13735618	CHR9:13735618	SSF x Near_LoA	-7,295	-0,123	0,291
CHR9	13735632	CHR9:13735632	SSF x Near_LoA	-9,365	0,036	0,286
CHR9	13735652	CHR9:13735652	SSF x Near_LoA	-7,660	-0,064	0,278
CHR9	13735655	CHR9:13735655	SSF x Near_LoA	-7,630	-0,091	0,286
CHR9	13735752	CHR9:13735752	SSF x Near_LoA	-10,688	0,019	0,285
CHR9	13735755	CHR9:13735755	SSF x Near_LoA	-5,183	0,001	0,283
CHR9	13739853	CHR9:13739853	SSF x Near_LoA	-8,689	0,133	0,275
CHR9	13739959	CHR9:13739959	SSF x Near_LoA	-9,624	-0,071	0,292
CHR9	13740046	CHR9:13740046	SSF x Near_LoA	-8,114	-0,075	0,295
CHR9	13740101	CHR9:13740101	SSF x Near_LoA	-9,349	0,114	0,286

CHR9	13751039	CHR9:13751039	SSF x Near_LoA	-8,816	-0,105	0,275
CHR9	13751051	CHR9:13751051	SSF x Near_LoA	-7,769	0,024	0,285
CHR9	13751056	CHR9:13751056	SSF x Near_LoA	-10,504	-0,024	0,287
CHR9	13751250	CHR9:13751250	SSF x Near_LoA	-7,618	-0,023	0,295
CHR9	13754627	CHR9:13754627	SSF x Near_LoA	-7,850	-0,008	0,289
CHR9	13754837	CHR9:13754837	SSF x Near_LoA	-6,314	-0,183	0,279
CHR9	13754895	CHR9:13754895	SSF x Near_LoA	-8,370	-0,063	0,287
CHR9	13755002	CHR9:13755002	SSF x Near_LoA	-11,325	-0,008	0,282
CHR9	13759444	CHR9:13759444	SSF x Near_LoA	-10,872	0,034	0,275
CHR9	13760696	CHR9:13760696	SSF x Near_LoA	-8,314	0,135	0,289
CHR9	13766168	CHR9:13766168	SSF x Near_LoA	-9,421	-0,084	0,294
CHR9	13766203	CHR9:13766203	SSF x Near_LoA	-6,925	0,101	0,288
CHR9	13766290	CHR9:13766290	SSF x Near_LoA	-8,481	-0,082	0,295
CHR9	13766327	CHR9:13766327	SSF x Near_LoA	-9,097	-0,016	0,274
CHR9	13769010	CHR9:13769010	SSF x Near_LoA	-5,656	0,101	0,281
CHR9	13779706	CHR9:13779706	SSF x Near_LoA	-10,549	-0,037	0,270
CHR9	13779880	CHR9:13779880	SSF x Near_LoA	-6,620	-0,040	0,305
CHR9	13779929	CHR9:13779929	SSF x Near_LoA	-9,421	0,026	0,293
CHR9	13781144	CHR9:13781144	SSF x Near_LoA	-8,907	-0,010	0,287
CHR9	13781259	CHR9:13781259	SSF x Near_LoA	-5,005	0,132	0,277
CHR9	13795127	CHR9:13795127	SSF x Near_LoA	-10,122	0,006	0,298
CHR9	13795208	CHR9:13795208	SSF x Near_LoA	-6,936	-0,026	0,282
CHR9	13795231	CHR9:13795231	SSF x Near_LoA	-4,426	0,209	0,291
CHR9	13795341	CHR9:13795341	SSF x Near_LoA	-7,932	-0,005	0,304
CHR9	13806159	CHR9:13806159	SSF x Near_LoA	-6,273	0,058	0,272
CHR9	13806408	CHR9:13806408	SSF x Near_LoA	-8,662	0,066	0,283
CHR9	13806466	CHR9:13806466	SSF x Near_LoA	-9,794	-0,071	0,277
CHR9	13806869	CHR9:13806869	SSF x Near_LoA	-7,211	0,128	0,274
CHR9	13806882	CHR9:13806882	SSF x Near_LoA	-8,884	0,009	0,296
CHR9	13806902	CHR9:13806902	SSF x Near_LoA	-5,002	-0,037	0,305
CHR9	13806918	CHR9:13806918	SSF x Near_LoA	-6,983	0,020	0,290
CHR9	13806948	CHR9:13806948	SSF x Near_LoA	-8,422	-0,012	0,279
CHR9	13806995	CHR9:13806995	SSF x Near_LoA	-4,100	0,158	0,273
CHR9	13819823	CHR9:13819823	SSF x Near_LoA	-8,495	-0,014	0,290
CHR9	13819913	CHR9:13819913	SSF x Near_LoA	-9,384	0,003	0,275
CHR9	13824118	CHR9:13824118	SSF x Near_LoA	-9,451	-0,037	0,276
CHR9	13826954	CHR9:13826954	SSF x Near_LoA	-8,671	-0,091	0,288
CHR9	13827739	CHR9:13827739	SSF x Near_LoA	-8,162	0,159	0,282
CHR9	13844412	CHR9:13844412	SSF x Near_LoA	-8,910	0,028	0,286
CHR9	13844647	CHR9:13844647	SSF x Near_LoA	-8,166	-0,102	0,285
CHR9	13855927	CHR9:13855927	SSF x Near_LoA	-9,732	-0,064	0,289
CHR9	13872735	CHR9:13872735	SSF x Near_LoA	0,363	-0,240	0,259
CHR9	13873044	CHR9:13873044	SSF x Near_LoA	-7,850	0,183	0,292
CHR9	13873053	CHR9:13873053	SSF x Near_LoA	-5,320	-0,120	0,272
CHR9	13885678	CHR9:13885678	SSF x Near_LoA	-6,757	0,158	0,277
CHR9	13917605	CHR9:13917605	SSF x Near_LoA	-9,620	-0,102	0,281
CHR9	13917659	CHR9:13917659	SSF x Near_LoA	-8,936	0,036	0,294
CHR9	13920102	CHR9:13920102	SSF x Near_LoA	-6,825	0,040	0,288
CHR9	13920103	CHR9:13920103	SSF x Near_LoA	-10,223	-0,056	0,285
CHR9	13920171	CHR9:13920171	SSF x Near_LoA	-9,676	-0,034	0,295
CHR9	13920267	CHR9:13920267	SSF x Near_LoA	-8,086	0,030	0,284
CHR9	13928116	CHR9:13928116	SSF x Near_LoA	-3,944	-0,104	0,302
CHR9	13929030	CHR9:13929030	SSF x Near_LoA	-10,279	-0,044	0,277

CHR9	13929108	CHR9:13929108	SSF x Near_LoA	-9,157	-0,051	0,296
CHR9	13929241	CHR9:13929241	SSF x Near_LoA	-7,921	0,050	0,283
CHR9	13929242	CHR9:13929242	SSF x Near_LoA	-7,541	0,040	0,288
CHR9	13931262	CHR9:13931262	SSF x Near_LoA	-8,674	0,034	0,286
CHR9	13938585	CHR9:13938585	SSF x Near_LoA	-10,849	0,016	0,273
CHR9	13945941	CHR9:13945941	SSF x Near_LoA	-7,881	-0,036	0,298
CHR9	13959899	CHR9:13959899	SSF x Near_LoA	-9,645	-0,077	0,280
CHR9	13959904	CHR9:13959904	SSF x Near_LoA	-7,624	-0,062	0,288
CHR9	13986353	CHR9:13986353	SSF x Near_LoA	-9,585	-0,049	0,295
CHR9	13986373	CHR9:13986373	SSF x Near_LoA	-8,672	0,022	0,279
CHR9	13986440	CHR9:13986440	SSF x Near_LoA	-9,111	-0,110	0,286
CHR9	13986739	CHR9:13986739	SSF x Near_LoA	-7,370	-0,150	0,281
CHR9	13986764	CHR9:13986764	SSF x Near_LoA	-8,977	0,016	0,287
CHR9	13986777	CHR9:13986777	SSF x Near_LoA	-0,288	-0,161	0,284
CHR9	13991060	CHR9:13991060	SSF x Near_LoA	-8,546	0,032	0,280
CHR9	13991063	CHR9:13991063	SSF x Near_LoA	-6,485	0,061	0,286
CHR9	13991153	CHR9:13991153	SSF x Near_LoA	-6,525	-0,027	0,293
CHR9	14001378	CHR9:14001378	SSF x Near_LoA	-6,442	-0,111	0,285
CHR9	14001453	CHR9:14001453	SSF x Near_LoA	-8,606	-0,102	0,283
CHR9	14004241	CHR9:14004241	SSF x Near_LoA	-8,591	-0,089	0,285
CHR9	14004265	CHR9:14004265	SSF x Near_LoA	-5,914	-0,112	0,275
CHR9	14004292	CHR9:14004292	SSF x Near_LoA	-2,152	-0,088	0,277
CHR9	14004314	CHR9:14004314	SSF x Near_LoA	-2,250	-0,110	0,271
CHR9	14004350	CHR9:14004350	SSF x Near_LoA	-9,398	-0,041	0,279
CHR9	14004395	CHR9:14004395	SSF x Near_LoA	-3,390	-0,134	0,283
CHR9	14004466	CHR9:14004466	SSF x Near_LoA	-6,002	0,180	0,273
CHR9	14008516	CHR9:14008516	SSF x Near_LoA	-9,338	0,071	0,282
CHR9	14008593	CHR9:14008593	SSF x Near_LoA	-8,519	0,141	0,279
CHR9	14008649	CHR9:14008649	SSF x Near_LoA	-6,998	0,019	0,277
CHR9	14011759	CHR9:14011759	SSF x Near_LoA	-7,402	-0,160	0,273
CHR9	14011824	CHR9:14011824	SSF x Near_LoA	-8,303	-0,102	0,292
CHR9	14011853	CHR9:14011853	SSF x Near_LoA	-10,241	0,042	0,280
CHR9	14012067	CHR9:14012067	SSF x Near_LoA	-9,163	0,017	0,287
CHR9	14048604	CHR9:14048604	SSF x Near_LoA	-5,224	0,189	0,277
CHR9	14048710	CHR9:14048710	SSF x Near_LoA	7,192	-0,239	0,276
CHR9	14052394	CHR9:14052394	SSF x Near_LoA	-7,582	0,030	0,288
CHR9	14064758	CHR9:14064758	SSF x Near_LoA	-8,013	0,055	0,300
CHR9	14070193	CHR9:14070193	SSF x Near_LoA	-4,794	-0,019	0,261
CHR9	14070207	CHR9:14070207	SSF x Near_LoA	-4,686	-0,238	0,284
CHR9	14070283	CHR9:14070283	SSF x Near_LoA	-7,363	-0,155	0,280
CHR9	14073594	CHR9:14073594	SSF x Near_LoA	-7,322	-0,015	0,283
CHR9	14079083	CHR9:14079083	SSF x Near_LoA	-4,251	0,189	0,270
CHR9	14079220	CHR9:14079220	SSF x Near_LoA	-8,286	0,068	0,279
CHR9	14079327	CHR9:14079327	SSF x Near_LoA	-9,519	0,015	0,290
CHR9	14109839	CHR9:14109839	SSF x Near_LoA	-0,281	0,026	0,294
CHR9	14109856	CHR9:14109856	SSF x Near_LoA	-7,353	0,068	0,269
CHR9	14109866	CHR9:14109866	SSF x Near_LoA	-6,090	0,055	0,285
CHR9	14109913	CHR9:14109913	SSF x Near_LoA	-6,739	-0,027	0,289
CHR9	14109933	CHR9:14109933	SSF x Near_LoA	-6,196	-0,059	0,281
CHR9	14124988	CHR9:14124988	SSF x Near_LoA	-1,366	0,218	0,264
CHR9	14125044	CHR9:14125044	SSF x Near_LoA	-7,667	-0,136	0,276
CHR9	14125059	CHR9:14125059	SSF x Near_LoA	-11,077	0,014	0,280
CHR9	14126061	CHR9:14126061	SSF x Near_LoA	-7,438	-0,053	0,284

CHR9	14133651	CHR9:14133651	SSF x Near_LoA	-7,737	-0,015	0,281
CHR9	14133730	CHR9:14133730	SSF x Near_LoA	-6,670	0,022	0,282
CHR9	14135809	CHR9:14135809	SSF x Near_LoA	-7,667	0,071	0,287
CHR9	14135821	CHR9:14135821	SSF x Near_LoA	-7,366	-0,045	0,280
CHR9	14135937	CHR9:14135937	SSF x Near_LoA	-5,304	0,010	0,290
CHR9	14135948	CHR9:14135948	SSF x Near_LoA	-7,759	0,091	0,287
CHR9	14141557	CHR9:14141557	SSF x Near_LoA	-7,936	0,158	0,275
CHR9	14143995	CHR9:14143995	SSF x Near_LoA	-3,451	0,172	0,291
CHR9	14144032	CHR9:14144032	SSF x Near_LoA	-8,559	-0,056	0,283
CHR9	14144080	CHR9:14144080	SSF x Near_LoA	-8,240	0,120	0,277
CHR9	14144087	CHR9:14144087	SSF x Near_LoA	-4,551	0,174	0,279
CHR9	14144088	CHR9:14144088	SSF x Near_LoA	-4,495	0,180	0,284
CHR9	14144093	CHR9:14144093	SSF x Near_LoA	-9,641	0,081	0,284
CHR9	14144185	CHR9:14144185	SSF x Near_LoA	-7,796	-0,088	0,296
CHR9	14144190	CHR9:14144190	SSF x Near_LoA	-5,466	-0,104	0,289
CHR9	14144197	CHR9:14144197	SSF x Near_LoA	-8,507	0,065	0,283
CHR9	14144217	CHR9:14144217	SSF x Near_LoA	-6,749	0,095	0,272
CHR9	14144264	CHR9:14144264	SSF x Near_LoA	-4,907	-0,002	0,282
CHR9	14144265	CHR9:14144265	SSF x Near_LoA	-8,203	0,079	0,277
CHR9	14147058	CHR9:14147058	SSF x Near_LoA	-7,998	0,061	0,289
CHR9	14160248	CHR9:14160248	SSF x Near_LoA	-9,096	0,026	0,294
CHR9	14160460	CHR9:14160460	SSF x Near_LoA	-6,843	0,094	0,278
CHR9	14176867	CHR9:14176867	SSF x Near_LoA	-7,177	0,104	0,292
CHR9	14176952	CHR9:14176952	SSF x Near_LoA	-9,100	-0,047	0,284
CHR9	14180422	CHR9:14180422	SSF x Near_LoA	-6,349	-0,015	0,300
CHR9	14180449	CHR9:14180449	SSF x Near_LoA	-8,090	-0,011	0,291
CHR9	14180516	CHR9:14180516	SSF x Near_LoA	-8,293	-0,101	0,276
CHR9	14180563	CHR9:14180563	SSF x Near_LoA	-8,728	-0,040	0,284
CHR9	14180584	CHR9:14180584	SSF x Near_LoA	-6,811	0,107	0,284
CHR9	14191603	CHR9:14191603	SSF x Near_LoA	-4,219	0,178	0,277
CHR9	14195253	CHR9:14195253	SSF x Near_LoA	-7,878	-0,071	0,279
CHR9	14246865	CHR9:14246865	SSF x Near_LoA	-6,975	0,049	0,290
CHR9	14246969	CHR9:14246969	SSF x Near_LoA	-10,614	-0,015	0,282
CHR9	14259758	CHR9:14259758	SSF x Near_LoA	-9,013	-0,003	0,298
CHR9	14259889	CHR9:14259889	SSF x Near_LoA	-8,531	0,017	0,284
CHR9	14287976	CHR9:14287976	SSF x Near_LoA	-9,210	-0,054	0,275
CHR9	14296513	CHR9:14296513	SSF x Near_LoA	-5,446	0,139	0,287
CHR9	14304969	CHR9:14304969	SSF x Near_LoA	-9,916	0,026	0,291
CHR9	14304989	CHR9:14304989	SSF x Near_LoA	-9,498	-0,025	0,293
CHR9	14315419	CHR9:14315419	SSF x Near_LoA	-3,611	0,234	0,280
CHR9	14315700	CHR9:14315700	SSF x Near_LoA	-9,163	0,025	0,287
CHR9	14332119	CHR9:14332119	SSF x Near_LoA	-8,578	0,031	0,286
CHR9	14332489	CHR9:14332489	SSF x Near_LoA	-6,806	0,012	0,286
CHR9	14386489	CHR9:14386489	SSF x Near_LoA	-6,986	0,156	0,272
CHR9	14386511	CHR9:14386511	SSF x Near_LoA	-9,078	0,109	0,280
CHR9	14386823	CHR9:14386823	SSF x Near_LoA	-9,691	0,061	0,285
CHR9	14417623	CHR9:14417623	SSF x Near_LoA	-10,892	0,039	0,287
CHR9	14420003	CHR9:14420003	SSF x Near_LoA	-7,951	0,018	0,284
CHR9	14420149	CHR9:14420149	SSF x Near_LoA	-5,745	-0,021	0,290
CHR9	14420253	CHR9:14420253	SSF x Near_LoA	-5,502	0,207	0,273
CHR9	1443454	CHR9:1443454	SSF x Near_LoA	-7,694	0,076	0,290
CHR9	1443457	CHR9:1443457	SSF x Near_LoA	-7,911	0,086	0,276
CHR9	1443467	CHR9:1443467	SSF x Near_LoA	1,736	-0,037	0,298

CHR9	14437994	CHR9:14437994	SSF x Near_LoA	-7,910	0,028	0,288
CHR9	14438220	CHR9:14438220	SSF x Near_LoA	-7,919	0,011	0,279
CHR9	14440437	CHR9:14440437	SSF x Near_LoA	-6,519	-0,154	0,280
CHR9	14440605	CHR9:14440605	SSF x Near_LoA	-8,557	-0,043	0,282
CHR9	14440661	CHR9:14440661	SSF x Near_LoA	-9,040	-0,097	0,283
CHR9	14440714	CHR9:14440714	SSF x Near_LoA	-8,355	0,104	0,279
CHR9	14445114	CHR9:14445114	SSF x Near_LoA	-8,288	-0,131	0,293
CHR9	14445128	CHR9:14445128	SSF x Near_LoA	-3,116	0,152	0,289
CHR9	14454228	CHR9:14454228	SSF x Near_LoA	-10,266	-0,029	0,280
CHR9	14454473	CHR9:14454473	SSF x Near_LoA	-6,681	-0,133	0,283
CHR9	14469908	CHR9:14469908	SSF x Near_LoA	-9,238	0,078	0,300
CHR9	14469914	CHR9:14469914	SSF x Near_LoA	-8,130	-0,049	0,274
CHR9	14469950	CHR9:14469950	SSF x Near_LoA	-5,805	0,083	0,275
CHR9	14490767	CHR9:14490767	SSF x Near_LoA	-7,742	0,149	0,280
CHR9	14535935	CHR9:14535935	SSF x Near_LoA	-8,485	0,074	0,281
CHR9	14536006	CHR9:14536006	SSF x Near_LoA	-7,874	0,115	0,277
CHR9	14541134	CHR9:14541134	SSF x Near_LoA	-8,949	-0,003	0,285
CHR9	14541308	CHR9:14541308	SSF x Near_LoA	-6,783	0,102	0,293
CHR9	14555028	CHR9:14555028	SSF x Near_LoA	-7,255	-0,024	0,285
CHR9	14555050	CHR9:14555050	SSF x Near_LoA	-6,886	0,065	0,291
CHR9	14558333	CHR9:14558333	SSF x Near_LoA	-8,950	-0,087	0,299
CHR9	14558357	CHR9:14558357	SSF x Near_LoA	-8,197	0,033	0,288
CHR9	14558380	CHR9:14558380	SSF x Near_LoA	-6,339	0,099	0,284
CHR9	14559522	CHR9:14559522	SSF x Near_LoA	-8,906	0,146	0,277
CHR9	14559679	CHR9:14559679	SSF x Near_LoA	-5,795	-0,080	0,282
CHR9	14561383	CHR9:14561383	SSF x Near_LoA	-5,599	-0,122	0,293
CHR9	14561462	CHR9:14561462	SSF x Near_LoA	-7,236	0,074	0,282
CHR9	14566145	CHR9:14566145	SSF x Near_LoA	-8,976	0,112	0,282
CHR9	14566149	CHR9:14566149	SSF x Near_LoA	-8,251	-0,117	0,266
CHR9	14566159	CHR9:14566159	SSF x Near_LoA	-8,242	-0,107	0,277
CHR9	14566171	CHR9:14566171	SSF x Near_LoA	-6,649	0,173	0,295
CHR9	14566313	CHR9:14566313	SSF x Near_LoA	-9,771	-0,003	0,287
CHR9	14566326	CHR9:14566326	SSF x Near_LoA	-9,368	0,114	0,289
CHR9	14574651	CHR9:14574651	SSF x Near_LoA	-6,276	-0,077	0,294
CHR9	14574728	CHR9:14574728	SSF x Near_LoA	-8,597	0,016	0,281
CHR9	14574738	CHR9:14574738	SSF x Near_LoA	-8,559	0,046	0,279
CHR9	14574759	CHR9:14574759	SSF x Near_LoA	-4,844	0,133	0,287
CHR9	14584855	CHR9:14584855	SSF x Near_LoA	-9,242	-0,060	0,286
CHR9	14584888	CHR9:14584888	SSF x Near_LoA	-9,216	0,020	0,278
CHR9	1459973	CHR9:1459973	SSF x Near_LoA	-9,524	-0,077	0,282
CHR9	1459978	CHR9:1459978	SSF x Near_LoA	-5,256	0,148	0,293
CHR9	1459990	CHR9:1459990	SSF x Near_LoA	-8,123	0,081	0,281
CHR9	1460041	CHR9:1460041	SSF x Near_LoA	-6,277	0,011	0,272
CHR9	14605842	CHR9:14605842	SSF x Near_LoA	-8,836	0,057	0,281
CHR9	14605874	CHR9:14605874	SSF x Near_LoA	-8,843	0,025	0,279
CHR9	14605905	CHR9:14605905	SSF x Near_LoA	-7,744	0,117	0,264
CHR9	14622675	CHR9:14622675	SSF x Near_LoA	-9,356	0,027	0,280
CHR9	14627951	CHR9:14627951	SSF x Near_LoA	-5,316	0,137	0,269
CHR9	14628001	CHR9:14628001	SSF x Near_LoA	-2,232	0,068	0,289
CHR9	14632853	CHR9:14632853	SSF x Near_LoA	-9,521	0,147	0,274
CHR9	14638124	CHR9:14638124	SSF x Near_LoA	-8,544	0,151	0,277
CHR9	14638231	CHR9:14638231	SSF x Near_LoA	-7,286	-0,021	0,296
CHR9	14652733	CHR9:14652733	SSF x Near_LoA	-9,742	0,008	0,276

CHR9	14652836	CHR9:14652836	SSF x Near_LoA	-10,163	0,015	0,272
CHR9	14655667	CHR9:14655667	SSF x Near_LoA	-8,631	0,100	0,288
CHR9	14655723	CHR9:14655723	SSF x Near_LoA	-8,634	0,003	0,289
CHR9	14660613	CHR9:14660613	SSF x Near_LoA	-7,557	0,093	0,282
CHR9	14660623	CHR9:14660623	SSF x Near_LoA	-7,489	-0,082	0,282
CHR9	14663230	CHR9:14663230	SSF x Near_LoA	-6,217	-0,035	0,289
CHR9	14676068	CHR9:14676068	SSF x Near_LoA	-9,449	0,031	0,281
CHR9	14676277	CHR9:14676277	SSF x Near_LoA	-9,925	0,051	0,288
CHR9	14680519	CHR9:14680519	SSF x Near_LoA	-6,358	0,086	0,299
CHR9	14680560	CHR9:14680560	SSF x Near_LoA	-10,636	-0,018	0,281
CHR9	14697877	CHR9:14697877	SSF x Near_LoA	-7,945	0,005	0,302
CHR9	14703769	CHR9:14703769	SSF x Near_LoA	-7,006	-0,117	0,282
CHR9	14703777	CHR9:14703777	SSF x Near_LoA	-9,701	-0,009	0,303
CHR9	14703779	CHR9:14703779	SSF x Near_LoA	-7,387	0,095	0,287
CHR9	14703816	CHR9:14703816	SSF x Near_LoA	-8,312	-0,045	0,280
CHR9	14703829	CHR9:14703829	SSF x Near_LoA	-6,057	0,131	0,281
CHR9	14709765	CHR9:14709765	SSF x Near_LoA	-8,338	-0,042	0,295
CHR9	14729103	CHR9:14729103	SSF x Near_LoA	-9,874	0,062	0,292
CHR9	14729381	CHR9:14729381	SSF x Near_LoA	-7,446	0,219	0,270
CHR9	14748364	CHR9:14748364	SSF x Near_LoA	-7,649	-0,081	0,287
CHR9	14748651	CHR9:14748651	SSF x Near_LoA	-5,344	-0,143	0,286
CHR9	147698	CHR9:147698	SSF x Near_LoA	-7,362	-0,143	0,289
CHR9	14772006	CHR9:14772006	SSF x Near_LoA	-9,102	-0,069	0,301
CHR9	14772072	CHR9:14772072	SSF x Near_LoA	-8,895	-0,011	0,282
CHR9	14772112	CHR9:14772112	SSF x Near_LoA	-9,468	0,091	0,280
CHR9	14772147	CHR9:14772147	SSF x Near_LoA	-7,127	-0,175	0,272
CHR9	14772161	CHR9:14772161	SSF x Near_LoA	-7,719	0,026	0,299
CHR9	14772177	CHR9:14772177	SSF x Near_LoA	-9,930	-0,068	0,289
CHR9	14772283	CHR9:14772283	SSF x Near_LoA	-8,192	-0,122	0,281
CHR9	1477996	CHR9:1477996	SSF x Near_LoA	-8,841	-0,063	0,286
CHR9	14807552	CHR9:14807552	SSF x Near_LoA	-5,862	0,026	0,301
CHR9	14807589	CHR9:14807589	SSF x Near_LoA	-7,118	-0,083	0,294
CHR9	14807625	CHR9:14807625	SSF x Near_LoA	-7,044	-0,060	0,293
CHR9	14807649	CHR9:14807649	SSF x Near_LoA	-5,874	-0,157	0,281
CHR9	14807700	CHR9:14807700	SSF x Near_LoA	-8,350	-0,124	0,302
CHR9	14807716	CHR9:14807716	SSF x Near_LoA	-8,516	-0,129	0,295
CHR9	14807733	CHR9:14807733	SSF x Near_LoA	-9,042	-0,129	0,281
CHR9	14807749	CHR9:14807749	SSF x Near_LoA	-9,084	-0,002	0,293
CHR9	14807762	CHR9:14807762	SSF x Near_LoA	-2,186	0,254	0,266
CHR9	14807961	CHR9:14807961	SSF x Near_LoA	-6,801	-0,180	0,279
CHR9	1483712	CHR9:1483712	SSF x Near_LoA	-0,572	-0,217	0,275
CHR9	1483855	CHR9:1483855	SSF x Near_LoA	-8,162	-0,067	0,287
CHR9	1483890	CHR9:1483890	SSF x Near_LoA	-7,796	-0,077	0,291
CHR9	14917619	CHR9:14917619	SSF x Near_LoA	-6,728	-0,129	0,292
CHR9	14920820	CHR9:14920820	SSF x Near_LoA	-7,424	-0,045	0,294
CHR9	14920948	CHR9:14920948	SSF x Near_LoA	-6,149	-0,036	0,282
CHR9	14921045	CHR9:14921045	SSF x Near_LoA	-7,724	-0,069	0,291
CHR9	14930680	CHR9:14930680	SSF x Near_LoA	-10,039	0,158	0,259
CHR9	14930728	CHR9:14930728	SSF x Near_LoA	-3,929	-0,185	0,272
CHR9	14930751	CHR9:14930751	SSF x Near_LoA	-8,289	-0,044	0,284
CHR9	14931958	CHR9:14931958	SSF x Near_LoA	-4,110	-0,073	0,281
CHR9	14932066	CHR9:14932066	SSF x Near_LoA	-9,964	0,066	0,279
CHR9	14963556	CHR9:14963556	SSF x Near_LoA	-8,821	-0,020	0,288

CHR9	14963700	CHR9:14963700	SSF x Near_LoA	-8,969	0,125	0,271
CHR9	14964831	CHR9:14964831	SSF x Near_LoA	-8,226	0,098	0,290
CHR9	14965181	CHR9:14965181	SSF x Near_LoA	-7,840	0,093	0,290
CHR9	14965865	CHR9:14965865	SSF x Near_LoA	-4,661	-0,124	0,290
CHR9	14968503	CHR9:14968503	SSF x Near_LoA	-7,951	0,102	0,286
CHR9	14968575	CHR9:14968575	SSF x Near_LoA	-5,933	0,048	0,301
CHR9	14999878	CHR9:14999878	SSF x Near_LoA	-7,805	0,032	0,284
CHR9	14999880	CHR9:14999880	SSF x Near_LoA	-7,783	0,009	0,285
CHR9	15002033	CHR9:15002033	SSF x Near_LoA	-8,859	0,128	0,256
CHR9	15002109	CHR9:15002109	SSF x Near_LoA	-10,174	0,029	0,274
CHR9	15002115	CHR9:15002115	SSF x Near_LoA	-0,047	-0,109	0,279
CHR9	15002120	CHR9:15002120	SSF x Near_LoA	-7,220	0,057	0,298
CHR9	15008825	CHR9:15008825	SSF x Near_LoA	-9,671	0,063	0,295
CHR9	15008894	CHR9:15008894	SSF x Near_LoA	-9,170	0,121	0,294
CHR9	15009013	CHR9:15009013	SSF x Near_LoA	-8,951	0,031	0,285
CHR9	15009016	CHR9:15009016	SSF x Near_LoA	-8,620	0,043	0,269
CHR9	15015602	CHR9:15015602	SSF x Near_LoA	-3,864	0,189	0,292
CHR9	15018772	CHR9:15018772	SSF x Near_LoA	0,832	0,293	0,255
CHR9	15018797	CHR9:15018797	SSF x Near_LoA	-7,386	-0,036	0,295
CHR9	15018801	CHR9:15018801	SSF x Near_LoA	-9,413	-0,107	0,285
CHR9	15030226	CHR9:15030226	SSF x Near_LoA	-9,500	-0,111	0,276
CHR9	15030287	CHR9:15030287	SSF x Near_LoA	-10,844	-0,033	0,285
CHR9	1506451	CHR9:1506451	SSF x Near_LoA	-7,471	0,013	0,298
CHR9	1506481	CHR9:1506481	SSF x Near_LoA	-7,464	0,066	0,292
CHR9	15093972	CHR9:15093972	SSF x Near_LoA	-2,057	0,218	0,286
CHR9	1511683	CHR9:1511683	SSF x Near_LoA	-5,565	-0,109	0,275
CHR9	1511713	CHR9:1511713	SSF x Near_LoA	-7,681	-0,121	0,285
CHR9	1511718	CHR9:1511718	SSF x Near_LoA	-7,550	0,071	0,300
CHR9	1511722	CHR9:1511722	SSF x Near_LoA	-8,270	0,040	0,287
CHR9	15117663	CHR9:15117663	SSF x Near_LoA	-9,344	-0,041	0,296
CHR9	1511806	CHR9:1511806	SSF x Near_LoA	-4,865	0,089	0,295
CHR9	1511814	CHR9:1511814	SSF x Near_LoA	-6,131	0,088	0,295
CHR9	1511891	CHR9:1511891	SSF x Near_LoA	-3,187	0,119	0,278
CHR9	15121911	CHR9:15121911	SSF x Near_LoA	-6,114	-0,086	0,293
CHR9	15122106	CHR9:15122106	SSF x Near_LoA	-10,254	-0,018	0,283
CHR9	15126973	CHR9:15126973	SSF x Near_LoA	-8,087	-0,118	0,280
CHR9	15131622	CHR9:15131622	SSF x Near_LoA	-9,999	0,030	0,272
CHR9	15139884	CHR9:15139884	SSF x Near_LoA	-9,403	-0,117	0,275
CHR9	15139942	CHR9:15139942	SSF x Near_LoA	-4,472	0,211	0,291
CHR9	15140044	CHR9:15140044	SSF x Near_LoA	-8,740	0,007	0,283
CHR9	15140157	CHR9:15140157	SSF x Near_LoA	-4,922	-0,040	0,290
CHR9	15140215	CHR9:15140215	SSF x Near_LoA	-8,661	0,042	0,286
CHR9	15145915	CHR9:15145915	SSF x Near_LoA	-8,351	0,056	0,304
CHR9	15146009	CHR9:15146009	SSF x Near_LoA	-7,936	-0,090	0,283
CHR9	15146033	CHR9:15146033	SSF x Near_LoA	-9,828	0,002	0,287
CHR9	15166159	CHR9:15166159	SSF x Near_LoA	-8,331	0,084	0,280
CHR9	15166201	CHR9:15166201	SSF x Near_LoA	-8,615	-0,018	0,295
CHR9	15178393	CHR9:15178393	SSF x Near_LoA	-6,847	-0,009	0,285
CHR9	15178528	CHR9:15178528	SSF x Near_LoA	-9,785	-0,036	0,289
CHR9	15181029	CHR9:15181029	SSF x Near_LoA	-8,427	0,036	0,276
CHR9	15181042	CHR9:15181042	SSF x Near_LoA	-9,265	0,071	0,283
CHR9	15181077	CHR9:15181077	SSF x Near_LoA	-8,343	-0,055	0,293
CHR9	15181104	CHR9:15181104	SSF x Near_LoA	-5,621	0,093	0,292

CHR9	15181132	CHR9:15181132	SSF x Near_LoA	-9,053	0,014	0,288
CHR9	15187161	CHR9:15187161	SSF x Near_LoA	-5,325	0,164	0,277
CHR9	15187197	CHR9:15187197	SSF x Near_LoA	-6,386	-0,043	0,285
CHR9	15187415	CHR9:15187415	SSF x Near_LoA	-7,822	-0,026	0,276
CHR9	15187419	CHR9:15187419	SSF x Near_LoA	-9,491	0,069	0,292
CHR9	15187440	CHR9:15187440	SSF x Near_LoA	-5,074	0,169	0,280
CHR9	15187472	CHR9:15187472	SSF x Near_LoA	-5,350	0,103	0,279
CHR9	15187558	CHR9:15187558	SSF x Near_LoA	-2,365	0,182	0,283
CHR9	15243315	CHR9:15243315	SSF x Near_LoA	-7,863	0,057	0,293
CHR9	15243433	CHR9:15243433	SSF x Near_LoA	-6,807	-0,013	0,298
CHR9	15243446	CHR9:15243446	SSF x Near_LoA	-9,081	0,041	0,276
CHR9	15243470	CHR9:15243470	SSF x Near_LoA	-6,658	-0,092	0,292
CHR9	15243471	CHR9:15243471	SSF x Near_LoA	-7,703	-0,112	0,282
CHR9	15243515	CHR9:15243515	SSF x Near_LoA	1,571	-0,360	0,253
CHR9	15243563	CHR9:15243563	SSF x Near_LoA	-7,759	0,102	0,281
CHR9	15243577	CHR9:15243577	SSF x Near_LoA	-9,070	0,084	0,287
CHR9	15243658	CHR9:15243658	SSF x Near_LoA	-8,046	-0,025	0,292
CHR9	15274359	CHR9:15274359	SSF x Near_LoA	-8,598	-0,001	0,295
CHR9	15274385	CHR9:15274385	SSF x Near_LoA	-9,016	-0,005	0,302
CHR9	15295859	CHR9:15295859	SSF x Near_LoA	-6,478	0,144	0,279
CHR9	15297123	CHR9:15297123	SSF x Near_LoA	-6,051	-0,073	0,286
CHR9	15297216	CHR9:15297216	SSF x Near_LoA	-4,912	0,217	0,279
CHR9	15326391	CHR9:15326391	SSF x Near_LoA	-7,763	-0,117	0,290
CHR9	15326484	CHR9:15326484	SSF x Near_LoA	-7,170	0,050	0,292
CHR9	15331651	CHR9:15331651	SSF x Near_LoA	-7,844	-0,119	0,298
CHR9	15331728	CHR9:15331728	SSF x Near_LoA	-2,192	-0,216	0,267
CHR9	15345301	CHR9:15345301	SSF x Near_LoA	-2,935	0,244	0,265
CHR9	15345314	CHR9:15345314	SSF x Near_LoA	1,429	0,329	0,254
CHR9	15407049	CHR9:15407049	SSF x Near_LoA	-4,441	0,115	0,293
CHR9	15407104	CHR9:15407104	SSF x Near_LoA	-6,522	0,060	0,287
CHR9	15410544	CHR9:15410544	SSF x Near_LoA	-6,822	0,046	0,286
CHR9	15416462	CHR9:15416462	SSF x Near_LoA	-8,151	0,098	0,293
CHR9	15416538	CHR9:15416538	SSF x Near_LoA	-3,721	0,083	0,290
CHR9	15416654	CHR9:15416654	SSF x Near_LoA	-6,494	-0,017	0,292
CHR9	15416687	CHR9:15416687	SSF x Near_LoA	-7,555	0,100	0,291
CHR9	15438888	CHR9:15438888	SSF x Near_LoA	-5,573	-0,227	0,271
CHR9	15438909	CHR9:15438909	SSF x Near_LoA	-6,555	-0,048	0,299
CHR9	1544845	CHR9:1544845	SSF x Near_LoA	-8,580	0,099	0,286
CHR9	15476047	CHR9:15476047	SSF x Near_LoA	-7,054	-0,027	0,290
CHR9	15509176	CHR9:15509176	SSF x Near_LoA	-8,219	-0,018	0,301
CHR9	15509200	CHR9:15509200	SSF x Near_LoA	-8,895	0,041	0,282
CHR9	15509341	CHR9:15509341	SSF x Near_LoA	-8,870	0,027	0,283
CHR9	15509358	CHR9:15509358	SSF x Near_LoA	-9,741	-0,045	0,292
CHR9	15509361	CHR9:15509361	SSF x Near_LoA	-8,200	0,022	0,300
CHR9	15532593	CHR9:15532593	SSF x Near_LoA	-6,681	-0,103	0,283
CHR9	15532595	CHR9:15532595	SSF x Near_LoA	-5,112	-0,145	0,277
CHR9	15532596	CHR9:15532596	SSF x Near_LoA	-5,770	-0,127	0,268
CHR9	15532640	CHR9:15532640	SSF x Near_LoA	-2,711	0,085	0,293
CHR9	15532685	CHR9:15532685	SSF x Near_LoA	-6,776	-0,074	0,298
CHR9	15540689	CHR9:15540689	SSF x Near_LoA	-5,897	-0,096	0,296
CHR9	15540776	CHR9:15540776	SSF x Near_LoA	-8,460	-0,054	0,281
CHR9	15540784	CHR9:15540784	SSF x Near_LoA	-7,480	-0,070	0,291
CHR9	15540821	CHR9:15540821	SSF x Near_LoA	-6,664	-0,048	0,288

CHR9	15543283	CHR9:15543283	SSF x Near_LoA	-4,480	0,067	0,291
CHR9	15543292	CHR9:15543292	SSF x Near_LoA	-8,016	-0,041	0,276
CHR9	15543439	CHR9:15543439	SSF x Near_LoA	-5,547	-0,105	0,291
CHR9	15543594	CHR9:15543594	SSF x Near_LoA	-6,292	-0,180	0,289
CHR9	15543597	CHR9:15543597	SSF x Near_LoA	-8,636	0,065	0,296
CHR9	15550307	CHR9:15550307	SSF x Near_LoA	-9,433	0,090	0,292
CHR9	15550326	CHR9:15550326	SSF x Near_LoA	-10,996	0,045	0,287
CHR9	15552403	CHR9:15552403	SSF x Near_LoA	-8,526	0,007	0,283
CHR9	15553148	CHR9:15553148	SSF x Near_LoA	-8,369	0,026	0,288
CHR9	15553242	CHR9:15553242	SSF x Near_LoA	-5,988	0,145	0,288
CHR9	15591363	CHR9:15591363	SSF x Near_LoA	-7,294	-0,129	0,278
CHR9	15591368	CHR9:15591368	SSF x Near_LoA	-9,815	0,024	0,282
CHR9	15591389	CHR9:15591389	SSF x Near_LoA	-6,455	0,136	0,278
CHR9	15591453	CHR9:15591453	SSF x Near_LoA	-10,606	0,033	0,288
CHR9	15591552	CHR9:15591552	SSF x Near_LoA	-10,314	0,038	0,297
CHR9	15617032	CHR9:15617032	SSF x Near_LoA	-10,664	0,075	0,282
CHR9	15617239	CHR9:15617239	SSF x Near_LoA	-7,630	-0,024	0,302
CHR9	15617264	CHR9:15617264	SSF x Near_LoA	-7,285	0,041	0,293
CHR9	15618761	CHR9:15618761	SSF x Near_LoA	-9,974	0,062	0,289
CHR9	15640876	CHR9:15640876	SSF x Near_LoA	-7,376	0,051	0,290
CHR9	15640900	CHR9:15640900	SSF x Near_LoA	-10,101	-0,087	0,295
CHR9	15640936	CHR9:15640936	SSF x Near_LoA	-9,043	0,050	0,296
CHR9	15729915	CHR9:15729915	SSF x Near_LoA	-7,062	0,034	0,304
CHR9	15729934	CHR9:15729934	SSF x Near_LoA	-7,227	-0,042	0,264
CHR9	15729935	CHR9:15729935	SSF x Near_LoA	-8,130	-0,021	0,270
CHR9	15730030	CHR9:15730030	SSF x Near_LoA	-6,567	0,051	0,260
CHR9	15763972	CHR9:15763972	SSF x Near_LoA	-8,774	-0,110	0,282
CHR9	15773535	CHR9:15773535	SSF x Near_LoA	-8,166	-0,035	0,283
CHR9	15773694	CHR9:15773694	SSF x Near_LoA	-8,897	-0,067	0,282
CHR9	15781567	CHR9:15781567	SSF x Near_LoA	-6,053	0,098	0,288
CHR9	15785293	CHR9:15785293	SSF x Near_LoA	-7,659	-0,046	0,272
CHR9	15820576	CHR9:15820576	SSF x Near_LoA	-8,215	0,046	0,285
CHR9	15820603	CHR9:15820603	SSF x Near_LoA	-9,198	-0,065	0,277
CHR9	15825075	CHR9:15825075	SSF x Near_LoA	-8,217	-0,085	0,280
CHR9	15825094	CHR9:15825094	SSF x Near_LoA	-6,762	-0,006	0,294
CHR9	15825125	CHR9:15825125	SSF x Near_LoA	-7,077	0,096	0,284
CHR9	15825189	CHR9:15825189	SSF x Near_LoA	-7,129	-0,071	0,287
CHR9	15850998	CHR9:15850998	SSF x Near_LoA	-9,726	-0,069	0,295
CHR9	15851211	CHR9:15851211	SSF x Near_LoA	-1,832	-0,124	0,295
CHR9	15851243	CHR9:15851243	SSF x Near_LoA	-6,089	0,134	0,265
CHR9	15855002	CHR9:15855002	SSF x Near_LoA	-3,876	-0,199	0,279
CHR9	15855051	CHR9:15855051	SSF x Near_LoA	-5,296	-0,122	0,288
CHR9	15855122	CHR9:15855122	SSF x Near_LoA	-6,425	0,128	0,289
CHR9	15855216	CHR9:15855216	SSF x Near_LoA	-6,484	-0,159	0,287
CHR9	15857443	CHR9:15857443	SSF x Near_LoA	-7,493	0,045	0,295
CHR9	15861229	CHR9:15861229	SSF x Near_LoA	-7,556	0,022	0,291
CHR9	15861231	CHR9:15861231	SSF x Near_LoA	-7,657	0,014	0,292
CHR9	15879903	CHR9:15879903	SSF x Near_LoA	-7,168	0,144	0,294
CHR9	15879966	CHR9:15879966	SSF x Near_LoA	-5,961	0,161	0,291
CHR9	15887571	CHR9:15887571	SSF x Near_LoA	-5,795	0,164	0,283
CHR9	15887647	CHR9:15887647	SSF x Near_LoA	-8,375	0,001	0,295
CHR9	15887672	CHR9:15887672	SSF x Near_LoA	0,435	0,188	0,275
CHR9	15887718	CHR9:15887718	SSF x Near_LoA	-4,373	0,166	0,278

CHR9	15887730	CHR9:15887730	SSF x Near_LoA	-5,563	0,171	0,294
CHR9	1590292	CHR9:1590292	SSF x Near_LoA	-9,911	-0,045	0,289
CHR9	15918677	CHR9:15918677	SSF x Near_LoA	-8,011	0,010	0,294
CHR9	15919493	CHR9:15919493	SSF x Near_LoA	-1,481	-0,041	0,290
CHR9	15919548	CHR9:15919548	SSF x Near_LoA	-8,515	-0,091	0,289
CHR9	15919561	CHR9:15919561	SSF x Near_LoA	-8,154	-0,003	0,288
CHR9	15919573	CHR9:15919573	SSF x Near_LoA	-6,912	0,032	0,293
CHR9	15919588	CHR9:15919588	SSF x Near_LoA	-6,159	0,049	0,301
CHR9	15919603	CHR9:15919603	SSF x Near_LoA	-6,692	0,146	0,275
CHR9	15919604	CHR9:15919604	SSF x Near_LoA	-8,733	0,020	0,281
CHR9	15922535	CHR9:15922535	SSF x Near_LoA	-6,925	0,114	0,272
CHR9	15922561	CHR9:15922561	SSF x Near_LoA	-8,579	0,129	0,288
CHR9	15922656	CHR9:15922656	SSF x Near_LoA	-9,578	0,025	0,308
CHR9	15922700	CHR9:15922700	SSF x Near_LoA	-10,250	0,005	0,285
CHR9	15922730	CHR9:15922730	SSF x Near_LoA	-7,634	0,030	0,283
CHR9	15935374	CHR9:15935374	SSF x Near_LoA	-0,395	-0,138	0,281
CHR9	15935442	CHR9:15935442	SSF x Near_LoA	-8,790	-0,033	0,290
CHR9	15935463	CHR9:15935463	SSF x Near_LoA	-8,649	0,093	0,274
CHR9	15936854	CHR9:15936854	SSF x Near_LoA	-8,635	0,008	0,310
CHR9	15936875	CHR9:15936875	SSF x Near_LoA	-9,688	-0,027	0,281
CHR9	15936888	CHR9:15936888	SSF x Near_LoA	-6,722	-0,035	0,289
CHR9	15939999	CHR9:15939999	SSF x Near_LoA	-8,354	0,097	0,276
CHR9	15947802	CHR9:15947802	SSF x Near_LoA	-6,071	-0,163	0,280
CHR9	15947906	CHR9:15947906	SSF x Near_LoA	-8,143	-0,040	0,283
CHR9	15949756	CHR9:15949756	SSF x Near_LoA	-5,974	-0,048	0,291
CHR9	15949779	CHR9:15949779	SSF x Near_LoA	-9,591	-0,072	0,281
CHR9	15949790	CHR9:15949790	SSF x Near_LoA	-8,015	-0,032	0,280
CHR9	15949793	CHR9:15949793	SSF x Near_LoA	-8,156	-0,008	0,282
CHR9	15949809	CHR9:15949809	SSF x Near_LoA	-7,173	-0,016	0,300
CHR9	15949880	CHR9:15949880	SSF x Near_LoA	-7,660	0,085	0,291
CHR9	15977949	CHR9:15977949	SSF x Near_LoA	-5,392	0,165	0,286
CHR9	15977973	CHR9:15977973	SSF x Near_LoA	-7,861	0,114	0,289
CHR9	15978004	CHR9:15978004	SSF x Near_LoA	-7,843	-0,123	0,286
CHR9	15978015	CHR9:15978015	SSF x Near_LoA	-7,189	-0,027	0,279
CHR9	15978021	CHR9:15978021	SSF x Near_LoA	-7,518	-0,030	0,270
CHR9	15978043	CHR9:15978043	SSF x Near_LoA	-5,561	0,118	0,294
CHR9	15978138	CHR9:15978138	SSF x Near_LoA	-6,441	-0,154	0,279
CHR9	15978143	CHR9:15978143	SSF x Near_LoA	-4,059	0,078	0,270
CHR9	15978179	CHR9:15978179	SSF x Near_LoA	-7,657	0,105	0,287
CHR9	15985334	CHR9:15985334	SSF x Near_LoA	-8,458	-0,028	0,282
CHR9	15988229	CHR9:15988229	SSF x Near_LoA	-4,380	-0,153	0,270
CHR9	15988259	CHR9:15988259	SSF x Near_LoA	-5,839	0,164	0,269
CHR9	15988302	CHR9:15988302	SSF x Near_LoA	-4,336	0,179	0,276
CHR9	15993034	CHR9:15993034	SSF x Near_LoA	-7,325	-0,083	0,278
CHR9	15993192	CHR9:15993192	SSF x Near_LoA	-6,674	-0,057	0,275
CHR9	15993306	CHR9:15993306	SSF x Near_LoA	-7,289	0,103	0,295
CHR9	15995496	CHR9:15995496	SSF x Near_LoA	-9,314	0,008	0,273
CHR9	15995712	CHR9:15995712	SSF x Near_LoA	-8,927	0,096	0,272
CHR9	15995760	CHR9:15995760	SSF x Near_LoA	-8,838	0,003	0,283
CHR9	15995808	CHR9:15995808	SSF x Near_LoA	-8,172	-0,012	0,294
CHR9	16019233	CHR9:16019233	SSF x Near_LoA	-6,814	-0,148	0,281
CHR9	16019265	CHR9:16019265	SSF x Near_LoA	-7,488	-0,038	0,291
CHR9	16019284	CHR9:16019284	SSF x Near_LoA	-7,032	0,144	0,277

CHR9	16027060	CHR9:16027060	SSF x Near_LoA	-6,043	0,243	0,285
CHR9	16027198	CHR9:16027198	SSF x Near_LoA	-6,712	0,151	0,281
CHR9	16027200	CHR9:16027200	SSF x Near_LoA	-5,917	-0,147	0,282
CHR9	16027239	CHR9:16027239	SSF x Near_LoA	-10,026	0,023	0,288
CHR9	16027325	CHR9:16027325	SSF x Near_LoA	-8,779	-0,023	0,298
CHR9	16052563	CHR9:16052563	SSF x Near_LoA	-1,756	-0,056	0,281
CHR9	16052663	CHR9:16052663	SSF x Near_LoA	-8,513	-0,048	0,286
CHR9	16052695	CHR9:16052695	SSF x Near_LoA	-8,076	0,041	0,270
CHR9	16052698	CHR9:16052698	SSF x Near_LoA	-5,950	0,062	0,288
CHR9	16052708	CHR9:16052708	SSF x Near_LoA	-7,601	0,046	0,281
CHR9	16052847	CHR9:16052847	SSF x Near_LoA	-2,864	0,112	0,286
CHR9	16054141	CHR9:16054141	SSF x Near_LoA	-8,851	-0,054	0,283
CHR9	16055153	CHR9:16055153	SSF x Near_LoA	-6,174	-0,003	0,292
CHR9	16055155	CHR9:16055155	SSF x Near_LoA	-6,833	0,095	0,282
CHR9	16055159	CHR9:16055159	SSF x Near_LoA	-3,118	0,153	0,271
CHR9	16055166	CHR9:16055166	SSF x Near_LoA	-6,759	0,096	0,275
CHR9	16055175	CHR9:16055175	SSF x Near_LoA	-7,968	-0,101	0,278
CHR9	16055177	CHR9:16055177	SSF x Near_LoA	-8,119	0,090	0,272
CHR9	16055191	CHR9:16055191	SSF x Near_LoA	-0,386	0,087	0,289
CHR9	16055196	CHR9:16055196	SSF x Near_LoA	-7,135	0,096	0,270
CHR9	16064813	CHR9:16064813	SSF x Near_LoA	-11,221	0,072	0,288
CHR9	16064821	CHR9:16064821	SSF x Near_LoA	-10,143	0,085	0,290
CHR9	16064837	CHR9:16064837	SSF x Near_LoA	-9,131	0,090	0,283
CHR9	16064965	CHR9:16064965	SSF x Near_LoA	-5,939	0,001	0,304
CHR9	16064997	CHR9:16064997	SSF x Near_LoA	-9,318	0,039	0,303
CHR9	16065017	CHR9:16065017	SSF x Near_LoA	-9,601	-0,021	0,291
CHR9	16066631	CHR9:16066631	SSF x Near_LoA	-9,985	-0,022	0,287
CHR9	16067646	CHR9:16067646	SSF x Near_LoA	-9,649	-0,054	0,279
CHR9	16067661	CHR9:16067661	SSF x Near_LoA	-9,413	-0,036	0,294
CHR9	16067670	CHR9:16067670	SSF x Near_LoA	-6,588	0,112	0,280
CHR9	16067740	CHR9:16067740	SSF x Near_LoA	-8,114	0,008	0,281
CHR9	16067786	CHR9:16067786	SSF x Near_LoA	0,401	0,091	0,262
CHR9	16067805	CHR9:16067805	SSF x Near_LoA	-4,678	-0,103	0,264
CHR9	16067865	CHR9:16067865	SSF x Near_LoA	-10,976	0,057	0,277
CHR9	16083292	CHR9:16083292	SSF x Near_LoA	-7,195	0,139	0,288
CHR9	16084225	CHR9:16084225	SSF x Near_LoA	-8,147	0,007	0,291
CHR9	16104483	CHR9:16104483	SSF x Near_LoA	-7,062	0,077	0,296
CHR9	16104487	CHR9:16104487	SSF x Near_LoA	-7,222	0,044	0,299
CHR9	16113016	CHR9:16113016	SSF x Near_LoA	-3,969	0,163	0,308
CHR9	16113131	CHR9:16113131	SSF x Near_LoA	-6,009	-0,150	0,287
CHR9	16117842	CHR9:16117842	SSF x Near_LoA	6,822	-0,212	0,268
CHR9	16117877	CHR9:16117877	SSF x Near_LoA	-4,603	0,146	0,281
CHR9	16117923	CHR9:16117923	SSF x Near_LoA	-5,216	0,090	0,274
CHR9	16117933	CHR9:16117933	SSF x Near_LoA	-5,990	0,115	0,267
CHR9	16117947	CHR9:16117947	SSF x Near_LoA	-5,809	0,136	0,282
CHR9	16117994	CHR9:16117994	SSF x Near_LoA	-8,502	0,044	0,282
CHR9	16133196	CHR9:16133196	SSF x Near_LoA	-1,627	-0,196	0,294
CHR9	16133197	CHR9:16133197	SSF x Near_LoA	-6,458	-0,187	0,268
CHR9	16133215	CHR9:16133215	SSF x Near_LoA	-3,750	0,013	0,287
CHR9	16133344	CHR9:16133344	SSF x Near_LoA	-9,642	0,015	0,291
CHR9	16133350	CHR9:16133350	SSF x Near_LoA	-7,767	-0,081	0,286
CHR9	16134789	CHR9:16134789	SSF x Near_LoA	-1,152	-0,200	0,276
CHR9	16134795	CHR9:16134795	SSF x Near_LoA	-6,989	0,041	0,301

CHR9	16134812	CHR9:16134812	SSF x Near_LoA	-9,936	-0,003	0,292
CHR9	16134848	CHR9:16134848	SSF x Near_LoA	-7,715	-0,088	0,288
CHR9	16150291	CHR9:16150291	SSF x Near_LoA	-7,252	-0,083	0,273
CHR9	16150296	CHR9:16150296	SSF x Near_LoA	-4,820	-0,017	0,292
CHR9	16150329	CHR9:16150329	SSF x Near_LoA	-6,814	0,039	0,280
CHR9	16150353	CHR9:16150353	SSF x Near_LoA	-9,816	0,009	0,283
CHR9	16150400	CHR9:16150400	SSF x Near_LoA	-7,577	0,039	0,286
CHR9	16150404	CHR9:16150404	SSF x Near_LoA	-7,409	-0,147	0,291
CHR9	16162309	CHR9:16162309	SSF x Near_LoA	-7,413	-0,103	0,284
CHR9	16162329	CHR9:16162329	SSF x Near_LoA	-7,255	0,035	0,292
CHR9	16165321	CHR9:16165321	SSF x Near_LoA	-8,350	-0,009	0,289
CHR9	16165519	CHR9:16165519	SSF x Near_LoA	-7,766	0,162	0,275
CHR9	16171883	CHR9:16171883	SSF x Near_LoA	-8,701	-0,096	0,294
CHR9	16172038	CHR9:16172038	SSF x Near_LoA	-9,774	-0,036	0,282
CHR9	16205806	CHR9:16205806	SSF x Near_LoA	-4,623	0,177	0,287
CHR9	16211406	CHR9:16211406	SSF x Near_LoA	-9,036	-0,029	0,279
CHR9	16211469	CHR9:16211469	SSF x Near_LoA	-7,570	0,016	0,281
CHR9	16211706	CHR9:16211706	SSF x Near_LoA	-8,402	-0,033	0,269
CHR9	16237557	CHR9:16237557	SSF x Near_LoA	-8,238	0,044	0,292
CHR9	16237558	CHR9:16237558	SSF x Near_LoA	-7,259	0,042	0,288
CHR9	16237564	CHR9:16237564	SSF x Near_LoA	-8,975	-0,070	0,278
CHR9	16237576	CHR9:16237576	SSF x Near_LoA	-9,065	0,062	0,286
CHR9	16237580	CHR9:16237580	SSF x Near_LoA	-8,448	0,068	0,291
CHR9	16241894	CHR9:16241894	SSF x Near_LoA	-6,984	0,161	0,263
CHR9	16243331	CHR9:16243331	SSF x Near_LoA	-6,235	-0,075	0,298
CHR9	16243348	CHR9:16243348	SSF x Near_LoA	-6,006	-0,142	0,281
CHR9	16243350	CHR9:16243350	SSF x Near_LoA	-10,027	-0,042	0,281
CHR9	16243359	CHR9:16243359	SSF x Near_LoA	-7,305	-0,088	0,283
CHR9	16243450	CHR9:16243450	SSF x Near_LoA	-5,277	0,162	0,286
CHR9	16243451	CHR9:16243451	SSF x Near_LoA	-9,370	0,118	0,272
CHR9	16243457	CHR9:16243457	SSF x Near_LoA	-8,201	0,063	0,277
CHR9	1625179	CHR9:1625179	SSF x Near_LoA	-7,288	0,121	0,268
CHR9	1625184	CHR9:1625184	SSF x Near_LoA	-7,155	0,042	0,303
CHR9	1625438	CHR9:1625438	SSF x Near_LoA	-10,133	-0,027	0,281
CHR9	16271432	CHR9:16271432	SSF x Near_LoA	-8,918	-0,008	0,285
CHR9	16271433	CHR9:16271433	SSF x Near_LoA	-7,537	0,033	0,277
CHR9	16271457	CHR9:16271457	SSF x Near_LoA	-5,843	0,152	0,269
CHR9	16271540	CHR9:16271540	SSF x Near_LoA	-9,891	0,052	0,278
CHR9	16271677	CHR9:16271677	SSF x Near_LoA	-9,294	0,079	0,277
CHR9	16279287	CHR9:16279287	SSF x Near_LoA	-10,271	0,019	0,298
CHR9	16279601	CHR9:16279601	SSF x Near_LoA	-7,178	-0,038	0,286
CHR9	16315310	CHR9:16315310	SSF x Near_LoA	-6,942	-0,078	0,277
CHR9	16326690	CHR9:16326690	SSF x Near_LoA	-6,541	0,110	0,275
CHR9	16329964	CHR9:16329964	SSF x Near_LoA	-8,365	-0,047	0,269
CHR9	16330075	CHR9:16330075	SSF x Near_LoA	-7,664	-0,122	0,287
CHR9	16330076	CHR9:16330076	SSF x Near_LoA	-7,832	-0,091	0,290
CHR9	16330102	CHR9:16330102	SSF x Near_LoA	-8,558	0,008	0,283
CHR9	16330118	CHR9:16330118	SSF x Near_LoA	-10,340	-0,011	0,286
CHR9	16330144	CHR9:16330144	SSF x Near_LoA	-8,702	-0,024	0,284
CHR9	16335745	CHR9:16335745	SSF x Near_LoA	-8,411	-0,079	0,286
CHR9	16336663	CHR9:16336663	SSF x Near_LoA	-8,119	-0,029	0,276
CHR9	16349983	CHR9:16349983	SSF x Near_LoA	-10,371	0,053	0,288
CHR9	16350068	CHR9:16350068	SSF x Near_LoA	-6,295	-0,072	0,292

CHR9	16350092	CHR9:16350092	SSF x Near_LoA	-8,065	-0,084	0,290
CHR9	16350101	CHR9:16350101	SSF x Near_LoA	-5,380	-0,059	0,281
CHR9	16350134	CHR9:16350134	SSF x Near_LoA	-9,757	-0,029	0,297
CHR9	16350215	CHR9:16350215	SSF x Near_LoA	-6,164	-0,095	0,285
CHR9	16361257	CHR9:16361257	SSF x Near_LoA	-7,599	-0,011	0,280
CHR9	16362892	CHR9:16362892	SSF x Near_LoA	-5,475	-0,133	0,289
CHR9	16362918	CHR9:16362918	SSF x Near_LoA	-7,924	-0,045	0,292
CHR9	16362942	CHR9:16362942	SSF x Near_LoA	-9,493	-0,054	0,291
CHR9	16363013	CHR9:16363013	SSF x Near_LoA	-5,959	0,198	0,264
CHR9	16368501	CHR9:16368501	SSF x Near_LoA	-7,975	0,060	0,292
CHR9	16368580	CHR9:16368580	SSF x Near_LoA	-9,003	0,109	0,284
CHR9	16368670	CHR9:16368670	SSF x Near_LoA	-9,126	0,004	0,296
CHR9	16378719	CHR9:16378719	SSF x Near_LoA	-7,853	-0,032	0,270
CHR9	16381728	CHR9:16381728	SSF x Near_LoA	-7,704	-0,130	0,283
CHR9	16381755	CHR9:16381755	SSF x Near_LoA	-9,789	-0,059	0,303
CHR9	16381799	CHR9:16381799	SSF x Near_LoA	-7,429	0,076	0,290
CHR9	16381890	CHR9:16381890	SSF x Near_LoA	-7,880	-0,119	0,295
CHR9	16382867	CHR9:16382867	SSF x Near_LoA	-8,598	0,036	0,290
CHR9	16382934	CHR9:16382934	SSF x Near_LoA	-7,958	0,092	0,275
CHR9	16382975	CHR9:16382975	SSF x Near_LoA	-7,410	0,143	0,296
CHR9	16383031	CHR9:16383031	SSF x Near_LoA	-7,483	-0,070	0,286
CHR9	16383087	CHR9:16383087	SSF x Near_LoA	-8,101	0,025	0,289
CHR9	16397785	CHR9:16397785	SSF x Near_LoA	-5,550	0,023	0,279
CHR9	16397834	CHR9:16397834	SSF x Near_LoA	-2,912	-0,073	0,290
CHR9	16397838	CHR9:16397838	SSF x Near_LoA	-11,171	0,047	0,288
CHR9	16397895	CHR9:16397895	SSF x Near_LoA	5,068	0,180	0,275
CHR9	16397955	CHR9:16397955	SSF x Near_LoA	-4,258	0,118	0,267
CHR9	16401804	CHR9:16401804	SSF x Near_LoA	-10,319	-0,070	0,283
CHR9	16407649	CHR9:16407649	SSF x Near_LoA	-6,994	-0,058	0,272
CHR9	16407660	CHR9:16407660	SSF x Near_LoA	-3,448	0,202	0,282
CHR9	16407739	CHR9:16407739	SSF x Near_LoA	-9,610	-0,068	0,283
CHR9	16407842	CHR9:16407842	SSF x Near_LoA	-2,823	-0,184	0,272
CHR9	16419028	CHR9:16419028	SSF x Near_LoA	-7,224	0,078	0,279
CHR9	16419125	CHR9:16419125	SSF x Near_LoA	-8,370	0,204	0,261
CHR9	16422167	CHR9:16422167	SSF x Near_LoA	-6,879	-0,108	0,287
CHR9	16424302	CHR9:16424302	SSF x Near_LoA	-9,037	-0,104	0,283
CHR9	16424357	CHR9:16424357	SSF x Near_LoA	-8,209	0,043	0,290
CHR9	16424360	CHR9:16424360	SSF x Near_LoA	-8,701	0,028	0,274
CHR9	16424363	CHR9:16424363	SSF x Near_LoA	-4,738	-0,044	0,309
CHR9	16424364	CHR9:16424364	SSF x Near_LoA	-7,833	0,022	0,276
CHR9	16424377	CHR9:16424377	SSF x Near_LoA	-7,873	0,005	0,274
CHR9	1643747	CHR9:1643747	SSF x Near_LoA	-9,474	0,058	0,290
CHR9	1643817	CHR9:1643817	SSF x Near_LoA	-7,369	-0,012	0,277
CHR9	1643868	CHR9:1643868	SSF x Near_LoA	-8,885	-0,199	0,281
CHR9	1643872	CHR9:1643872	SSF x Near_LoA	-7,813	-0,050	0,300
CHR9	1643980	CHR9:1643980	SSF x Near_LoA	-10,567	0,015	0,288
CHR9	1643988	CHR9:1643988	SSF x Near_LoA	-6,907	-0,091	0,275
CHR9	16440796	CHR9:16440796	SSF x Near_LoA	-7,878	0,069	0,291
CHR9	16440805	CHR9:16440805	SSF x Near_LoA	-7,757	0,049	0,273
CHR9	16440829	CHR9:16440829	SSF x Near_LoA	-2,568	0,022	0,285
CHR9	16440908	CHR9:16440908	SSF x Near_LoA	-7,623	0,114	0,293
CHR9	16440933	CHR9:16440933	SSF x Near_LoA	-8,559	-0,036	0,295
CHR9	16451553	CHR9:16451553	SSF x Near_LoA	-7,054	0,131	0,273

CHR9	16451679	CHR9:16451679	SSF x Near_LoA	-7,725	0,133	0,272
CHR9	1649763	CHR9:1649763	SSF x Near_LoA	-8,437	-0,010	0,291
CHR9	1649808	CHR9:1649808	SSF x Near_LoA	-7,330	0,068	0,290
CHR9	16546931	CHR9:16546931	SSF x Near_LoA	-6,324	0,187	0,278
CHR9	16547041	CHR9:16547041	SSF x Near_LoA	-9,233	-0,027	0,290
CHR9	16547164	CHR9:16547164	SSF x Near_LoA	-7,647	0,098	0,273
CHR9	16550957	CHR9:16550957	SSF x Near_LoA	-8,743	-0,057	0,295
CHR9	16551167	CHR9:16551167	SSF x Near_LoA	-6,305	-0,041	0,295
CHR9	16560634	CHR9:16560634	SSF x Near_LoA	-8,177	0,117	0,284
CHR9	16560837	CHR9:16560837	SSF x Near_LoA	-9,103	0,098	0,289
CHR9	16564925	CHR9:16564925	SSF x Near_LoA	-7,769	0,015	0,295
CHR9	16565061	CHR9:16565061	SSF x Near_LoA	-9,527	-0,102	0,286
CHR9	16565130	CHR9:16565130	SSF x Near_LoA	-8,088	0,109	0,279
CHR9	16581981	CHR9:16581981	SSF x Near_LoA	-7,164	-0,037	0,285
CHR9	1660578	CHR9:1660578	SSF x Near_LoA	-7,596	0,007	0,282
CHR9	1660928	CHR9:1660928	SSF x Near_LoA	-7,155	-0,162	0,278
CHR9	16631883	CHR9:16631883	SSF x Near_LoA	-7,083	-0,104	0,288
CHR9	16631884	CHR9:16631884	SSF x Near_LoA	-2,510	-0,127	0,280
CHR9	16631916	CHR9:16631916	SSF x Near_LoA	-8,752	-0,062	0,294
CHR9	16636498	CHR9:16636498	SSF x Near_LoA	-7,865	-0,043	0,276
CHR9	16636527	CHR9:16636527	SSF x Near_LoA	-7,783	-0,033	0,304
CHR9	16636602	CHR9:16636602	SSF x Near_LoA	-8,433	0,022	0,291
CHR9	16638604	CHR9:16638604	SSF x Near_LoA	-8,439	-0,003	0,271
CHR9	16638628	CHR9:16638628	SSF x Near_LoA	-2,857	0,134	0,288
CHR9	16638733	CHR9:16638733	SSF x Near_LoA	-8,264	0,068	0,260
CHR9	16638760	CHR9:16638760	SSF x Near_LoA	-9,002	0,056	0,289
CHR9	16645331	CHR9:16645331	SSF x Near_LoA	-6,384	-0,115	0,291
CHR9	16645380	CHR9:16645380	SSF x Near_LoA	-7,117	-0,122	0,282
CHR9	16645448	CHR9:16645448	SSF x Near_LoA	-5,729	0,166	0,277
CHR9	16649033	CHR9:16649033	SSF x Near_LoA	-7,735	0,036	0,282
CHR9	16649129	CHR9:16649129	SSF x Near_LoA	-7,292	0,181	0,275
CHR9	16663293	CHR9:16663293	SSF x Near_LoA	-7,988	-0,102	0,280
CHR9	16663593	CHR9:16663593	SSF x Near_LoA	-6,455	0,049	0,289
CHR9	16667054	CHR9:16667054	SSF x Near_LoA	-8,824	-0,113	0,266
CHR9	16678220	CHR9:16678220	SSF x Near_LoA	-8,530	-0,022	0,300
CHR9	16678312	CHR9:16678312	SSF x Near_LoA	-10,777	0,101	0,265
CHR9	16678313	CHR9:16678313	SSF x Near_LoA	-0,378	0,190	0,273
CHR9	16678568	CHR9:16678568	SSF x Near_LoA	-5,071	0,162	0,289
CHR9	16681567	CHR9:16681567	SSF x Near_LoA	-10,452	-0,015	0,285
CHR9	16681702	CHR9:16681702	SSF x Near_LoA	-7,490	0,047	0,278
CHR9	16699927	CHR9:16699927	SSF x Near_LoA	-7,092	-0,001	0,286
CHR9	16726613	CHR9:16726613	SSF x Near_LoA	-7,168	0,001	0,289
CHR9	16726761	CHR9:16726761	SSF x Near_LoA	-2,743	-0,181	0,290
CHR9	16726807	CHR9:16726807	SSF x Near_LoA	-9,002	0,133	0,278
CHR9	16726918	CHR9:16726918	SSF x Near_LoA	-6,919	-0,120	0,285
CHR9	16726945	CHR9:16726945	SSF x Near_LoA	4,290	-0,081	0,278
CHR9	16729198	CHR9:16729198	SSF x Near_LoA	-4,783	0,200	0,274
CHR9	16729252	CHR9:16729252	SSF x Near_LoA	-9,347	-0,053	0,279
CHR9	16729340	CHR9:16729340	SSF x Near_LoA	-3,199	-0,174	0,281
CHR9	16729343	CHR9:16729343	SSF x Near_LoA	-10,540	0,049	0,270
CHR9	16729356	CHR9:16729356	SSF x Near_LoA	-7,831	0,152	0,282
CHR9	16729382	CHR9:16729382	SSF x Near_LoA	-8,256	0,008	0,260
CHR9	16740169	CHR9:16740169	SSF x Near_LoA	-8,660	-0,046	0,282

CHR9	16740185	CHR9:16740185	SSF x Near_LoA	-6,208	0,056	0,293
CHR9	16742044	CHR9:16742044	SSF x Near_LoA	-6,534	-0,100	0,294
CHR9	16745729	CHR9:16745729	SSF x Near_LoA	-5,569	-0,110	0,291
CHR9	16768362	CHR9:16768362	SSF x Near_LoA	-2,647	-0,192	0,282
CHR9	16768415	CHR9:16768415	SSF x Near_LoA	-7,274	-0,053	0,288
CHR9	16768480	CHR9:16768480	SSF x Near_LoA	-7,040	-0,077	0,286
CHR9	16780506	CHR9:16780506	SSF x Near_LoA	-9,507	0,102	0,282
CHR9	16780673	CHR9:16780673	SSF x Near_LoA	-9,245	0,052	0,301
CHR9	16790691	CHR9:16790691	SSF x Near_LoA	-7,076	-0,048	0,289
CHR9	16790735	CHR9:16790735	SSF x Near_LoA	-8,122	-0,008	0,292
CHR9	16798849	CHR9:16798849	SSF x Near_LoA	-9,245	-0,055	0,288
CHR9	16798866	CHR9:16798866	SSF x Near_LoA	-7,949	0,091	0,280
CHR9	16807202	CHR9:16807202	SSF x Near_LoA	-5,927	-0,163	0,292
CHR9	16810007	CHR9:16810007	SSF x Near_LoA	-8,549	0,012	0,292
CHR9	16815679	CHR9:16815679	SSF x Near_LoA	-2,806	0,143	0,276
CHR9	16815739	CHR9:16815739	SSF x Near_LoA	-8,464	-0,124	0,284
CHR9	16852632	CHR9:16852632	SSF x Near_LoA	-2,841	0,074	0,301
CHR9	16852666	CHR9:16852666	SSF x Near_LoA	-8,598	-0,034	0,295
CHR9	16852764	CHR9:16852764	SSF x Near_LoA	-8,226	0,059	0,297
CHR9	16852806	CHR9:16852806	SSF x Near_LoA	-7,837	0,025	0,296
CHR9	16854194	CHR9:16854194	SSF x Near_LoA	-6,122	-0,138	0,283
CHR9	16873208	CHR9:16873208	SSF x Near_LoA	-8,913	0,017	0,279
CHR9	16914466	CHR9:16914466	SSF x Near_LoA	-7,857	0,135	0,286
CHR9	16923303	CHR9:16923303	SSF x Near_LoA	-5,059	-0,212	0,283
CHR9	16926678	CHR9:16926678	SSF x Near_LoA	-7,595	-0,091	0,281
CHR9	1699380	CHR9:1699380	SSF x Near_LoA	-6,017	0,091	0,269
CHR9	17014687	CHR9:17014687	SSF x Near_LoA	-7,957	0,064	0,284
CHR9	170449	CHR9:170449	SSF x Near_LoA	-7,049	0,039	0,286
CHR9	17048893	CHR9:17048893	SSF x Near_LoA	-7,951	-0,005	0,293
CHR9	17062597	CHR9:17062597	SSF x Near_LoA	-8,392	0,069	0,285
CHR9	17086872	CHR9:17086872	SSF x Near_LoA	-5,235	0,197	0,270
CHR9	17087200	CHR9:17087200	SSF x Near_LoA	-9,320	0,017	0,281
CHR9	17097725	CHR9:17097725	SSF x Near_LoA	-8,929	-0,059	0,269
CHR9	17097766	CHR9:17097766	SSF x Near_LoA	-7,485	0,035	0,283
CHR9	17107201	CHR9:17107201	SSF x Near_LoA	-9,599	0,065	0,282
CHR9	17107282	CHR9:17107282	SSF x Near_LoA	-8,858	0,019	0,296
CHR9	17107361	CHR9:17107361	SSF x Near_LoA	-8,529	0,036	0,277
CHR9	17111046	CHR9:17111046	SSF x Near_LoA	-4,748	-0,147	0,288
CHR9	17114959	CHR9:17114959	SSF x Near_LoA	-7,568	0,025	0,297
CHR9	17114961	CHR9:17114961	SSF x Near_LoA	-8,260	-0,061	0,282
CHR9	17117978	CHR9:17117978	SSF x Near_LoA	-9,666	-0,001	0,297
CHR9	17117979	CHR9:17117979	SSF x Near_LoA	-8,557	0,059	0,285
CHR9	17118103	CHR9:17118103	SSF x Near_LoA	-7,505	-0,061	0,295
CHR9	17121902	CHR9:17121902	SSF x Near_LoA	-7,703	-0,056	0,293
CHR9	17121952	CHR9:17121952	SSF x Near_LoA	-7,680	-0,034	0,285
CHR9	17121955	CHR9:17121955	SSF x Near_LoA	-5,777	-0,180	0,282
CHR9	17124487	CHR9:17124487	SSF x Near_LoA	-10,887	-0,001	0,296
CHR9	17124545	CHR9:17124545	SSF x Near_LoA	-8,327	-0,101	0,285
CHR9	17124628	CHR9:17124628	SSF x Near_LoA	-9,520	-0,052	0,295
CHR9	17124650	CHR9:17124650	SSF x Near_LoA	-8,742	-0,030	0,297
CHR9	17136378	CHR9:17136378	SSF x Near_LoA	-7,411	-0,017	0,293
CHR9	17136411	CHR9:17136411	SSF x Near_LoA	-9,064	0,005	0,284
CHR9	17136456	CHR9:17136456	SSF x Near_LoA	-7,951	-0,025	0,289

CHR9	17136457	CHR9:17136457	SSF x Near_LoA	-7,953	-0,019	0,284
CHR9	17136498	CHR9:17136498	SSF x Near_LoA	-9,946	0,026	0,292
CHR9	17136500	CHR9:17136500	SSF x Near_LoA	-11,286	0,033	0,281
CHR9	17137613	CHR9:17137613	SSF x Near_LoA	-7,614	0,143	0,291
CHR9	17137684	CHR9:17137684	SSF x Near_LoA	-9,181	0,004	0,293
CHR9	17137728	CHR9:17137728	SSF x Near_LoA	-7,596	0,232	0,259
CHR9	17162689	CHR9:17162689	SSF x Near_LoA	-7,952	-0,109	0,284
CHR9	17162692	CHR9:17162692	SSF x Near_LoA	-8,674	-0,015	0,294
CHR9	17162788	CHR9:17162788	SSF x Near_LoA	-7,817	-0,065	0,294
CHR9	17162938	CHR9:17162938	SSF x Near_LoA	-2,448	-0,233	0,273
CHR9	17162980	CHR9:17162980	SSF x Near_LoA	-7,331	0,084	0,292
CHR9	17163047	CHR9:17163047	SSF x Near_LoA	-8,783	-0,063	0,293
CHR9	17163057	CHR9:17163057	SSF x Near_LoA	-8,086	0,027	0,303
CHR9	17170934	CHR9:17170934	SSF x Near_LoA	-7,779	0,087	0,289
CHR9	17170962	CHR9:17170962	SSF x Near_LoA	-5,485	0,012	0,289
CHR9	17171155	CHR9:17171155	SSF x Near_LoA	-8,219	-0,104	0,296
CHR9	1718818	CHR9:1718818	SSF x Near_LoA	-7,365	0,001	0,283
CHR9	1718851	CHR9:1718851	SSF x Near_LoA	-6,861	-0,088	0,299
CHR9	1718864	CHR9:1718864	SSF x Near_LoA	-9,061	-0,090	0,294
CHR9	1718865	CHR9:1718865	SSF x Near_LoA	-7,584	-0,084	0,289
CHR9	17189789	CHR9:17189789	SSF x Near_LoA	-9,034	0,127	0,283
CHR9	17189828	CHR9:17189828	SSF x Near_LoA	-7,374	0,165	0,276
CHR9	17189923	CHR9:17189923	SSF x Near_LoA	-6,221	0,037	0,279
CHR9	17189945	CHR9:17189945	SSF x Near_LoA	-8,069	0,066	0,293
CHR9	17212340	CHR9:17212340	SSF x Near_LoA	-8,605	-0,078	0,285
CHR9	17214992	CHR9:17214992	SSF x Near_LoA	-6,735	-0,005	0,287
CHR9	17243655	CHR9:17243655	SSF x Near_LoA	-3,781	-0,242	0,257
CHR9	17249138	CHR9:17249138	SSF x Near_LoA	-9,365	-0,049	0,288
CHR9	17249231	CHR9:17249231	SSF x Near_LoA	-8,028	-0,132	0,290
CHR9	17249324	CHR9:17249324	SSF x Near_LoA	-8,337	0,098	0,298
CHR9	17257010	CHR9:17257010	SSF x Near_LoA	-7,720	-0,116	0,270
CHR9	17257277	CHR9:17257277	SSF x Near_LoA	-6,927	0,039	0,287
CHR9	17263788	CHR9:17263788	SSF x Near_LoA	-5,826	-0,124	0,289
CHR9	17266277	CHR9:17266277	SSF x Near_LoA	-6,291	0,035	0,295
CHR9	17266503	CHR9:17266503	SSF x Near_LoA	-7,831	-0,083	0,290
CHR9	17266518	CHR9:17266518	SSF x Near_LoA	-6,654	-0,089	0,299
CHR9	17266520	CHR9:17266520	SSF x Near_LoA	-7,155	-0,074	0,285
CHR9	17266530	CHR9:17266530	SSF x Near_LoA	-7,532	-0,075	0,272
CHR9	17275240	CHR9:17275240	SSF x Near_LoA	-7,255	-0,169	0,286
CHR9	17275254	CHR9:17275254	SSF x Near_LoA	-7,123	-0,062	0,284
CHR9	17275375	CHR9:17275375	SSF x Near_LoA	-7,226	-0,059	0,291
CHR9	17275439	CHR9:17275439	SSF x Near_LoA	-10,299	-0,048	0,261
CHR9	17296430	CHR9:17296430	SSF x Near_LoA	-9,011	0,069	0,295
CHR9	17296694	CHR9:17296694	SSF x Near_LoA	-9,797	0,049	0,289
CHR9	17300481	CHR9:17300481	SSF x Near_LoA	-7,983	-0,058	0,271
CHR9	17301932	CHR9:17301932	SSF x Near_LoA	-9,077	0,000	0,279
CHR9	17302053	CHR9:17302053	SSF x Near_LoA	-6,855	0,038	0,285
CHR9	17302653	CHR9:17302653	SSF x Near_LoA	-7,550	0,091	0,300
CHR9	17320038	CHR9:17320038	SSF x Near_LoA	-7,800	-0,127	0,279
CHR9	17320168	CHR9:17320168	SSF x Near_LoA	-8,742	-0,043	0,301
CHR9	17320240	CHR9:17320240	SSF x Near_LoA	-10,751	0,050	0,288
CHR9	17339932	CHR9:17339932	SSF x Near_LoA	-9,375	-0,061	0,301
CHR9	17339959	CHR9:17339959	SSF x Near_LoA	-9,361	-0,053	0,286

CHR9	17340040	CHR9:17340040	SSF x Near_LoA	-8,895	-0,029	0,262
CHR9	17348426	CHR9:17348426	SSF x Near_LoA	-10,289	-0,036	0,281
CHR9	17348468	CHR9:17348468	SSF x Near_LoA	-4,946	-0,217	0,272
CHR9	17348485	CHR9:17348485	SSF x Near_LoA	-8,385	-0,120	0,280
CHR9	17348507	CHR9:17348507	SSF x Near_LoA	-4,992	-0,240	0,272
CHR9	17348583	CHR9:17348583	SSF x Near_LoA	-7,224	-0,034	0,276
CHR9	17348761	CHR9:17348761	SSF x Near_LoA	-8,917	-0,008	0,288
CHR9	17363262	CHR9:17363262	SSF x Near_LoA	-6,867	0,120	0,275
CHR9	17368192	CHR9:17368192	SSF x Near_LoA	-7,601	-0,049	0,280
CHR9	17368217	CHR9:17368217	SSF x Near_LoA	-9,256	-0,127	0,274
CHR9	17368229	CHR9:17368229	SSF x Near_LoA	-8,342	-0,047	0,294
CHR9	17368250	CHR9:17368250	SSF x Near_LoA	-10,017	-0,003	0,281
CHR9	17376048	CHR9:17376048	SSF x Near_LoA	-7,834	-0,077	0,278
CHR9	17376075	CHR9:17376075	SSF x Near_LoA	-6,933	0,180	0,269
CHR9	17377474	CHR9:17377474	SSF x Near_LoA	-10,380	-0,028	0,277
CHR9	17385894	CHR9:17385894	SSF x Near_LoA	-8,155	-0,063	0,286
CHR9	17385912	CHR9:17385912	SSF x Near_LoA	-9,982	-0,066	0,289
CHR9	17385967	CHR9:17385967	SSF x Near_LoA	-8,233	0,012	0,276
CHR9	17386333	CHR9:17386333	SSF x Near_LoA	-7,963	0,019	0,293
CHR9	17391252	CHR9:17391252	SSF x Near_LoA	-5,066	0,120	0,288
CHR9	17392779	CHR9:17392779	SSF x Near_LoA	-8,844	0,032	0,291
CHR9	17392885	CHR9:17392885	SSF x Near_LoA	-9,858	0,020	0,279
CHR9	17392987	CHR9:17392987	SSF x Near_LoA	-6,013	-0,105	0,295
CHR9	17392997	CHR9:17392997	SSF x Near_LoA	-8,428	-0,078	0,290
CHR9	17393003	CHR9:17393003	SSF x Near_LoA	-8,468	-0,092	0,291
CHR9	17393030	CHR9:17393030	SSF x Near_LoA	-5,698	-0,145	0,291
CHR9	17405151	CHR9:17405151	SSF x Near_LoA	-7,746	-0,094	0,291
CHR9	17405163	CHR9:17405163	SSF x Near_LoA	-10,362	-0,048	0,281
CHR9	17405385	CHR9:17405385	SSF x Near_LoA	-7,660	0,048	0,295
CHR9	17405452	CHR9:17405452	SSF x Near_LoA	-7,110	-0,064	0,283
CHR9	17405477	CHR9:17405477	SSF x Near_LoA	-10,101	-0,019	0,299
CHR9	17405493	CHR9:17405493	SSF x Near_LoA	-8,388	0,051	0,274
CHR9	17405529	CHR9:17405529	SSF x Near_LoA	-9,283	0,106	0,280
CHR9	17414141	CHR9:17414141	SSF x Near_LoA	-1,472	-0,199	0,275
CHR9	17414142	CHR9:17414142	SSF x Near_LoA	0,648	-0,196	0,292
CHR9	17414199	CHR9:17414199	SSF x Near_LoA	-9,452	0,004	0,283
CHR9	17418189	CHR9:17418189	SSF x Near_LoA	-9,225	-0,087	0,295
CHR9	17418218	CHR9:17418218	SSF x Near_LoA	-8,337	0,107	0,280
CHR9	17444770	CHR9:17444770	SSF x Near_LoA	-6,917	-0,005	0,295
CHR9	17449081	CHR9:17449081	SSF x Near_LoA	-7,186	0,075	0,294
CHR9	17449237	CHR9:17449237	SSF x Near_LoA	-8,591	-0,023	0,275
CHR9	17449332	CHR9:17449332	SSF x Near_LoA	-10,130	-0,019	0,276
CHR9	17449378	CHR9:17449378	SSF x Near_LoA	-9,418	-0,016	0,291
CHR9	17449405	CHR9:17449405	SSF x Near_LoA	-7,725	-0,051	0,283
CHR9	17449485	CHR9:17449485	SSF x Near_LoA	-6,633	0,065	0,284
CHR9	17466743	CHR9:17466743	SSF x Near_LoA	-9,038	-0,018	0,285
CHR9	17466980	CHR9:17466980	SSF x Near_LoA	-8,438	-0,068	0,295
CHR9	17478805	CHR9:17478805	SSF x Near_LoA	-9,425	-0,068	0,301
CHR9	17489563	CHR9:17489563	SSF x Near_LoA	-5,370	0,110	0,287
CHR9	17489605	CHR9:17489605	SSF x Near_LoA	-9,332	-0,060	0,290
CHR9	17489652	CHR9:17489652	SSF x Near_LoA	-10,734	-0,068	0,275
CHR9	17489659	CHR9:17489659	SSF x Near_LoA	-6,690	-0,137	0,268
CHR9	17489688	CHR9:17489688	SSF x Near_LoA	-7,744	-0,031	0,271

CHR9	17489729	CHR9:17489729	SSF x Near_LoA	3,743	0,219	0,278
CHR9	17489794	CHR9:17489794	SSF x Near_LoA	-9,007	0,089	0,293
CHR9	17489798	CHR9:17489798	SSF x Near_LoA	-8,581	0,099	0,286
CHR9	17489805	CHR9:17489805	SSF x Near_LoA	-6,061	0,066	0,293
CHR9	17489816	CHR9:17489816	SSF x Near_LoA	-10,364	-0,033	0,287
CHR9	17489824	CHR9:17489824	SSF x Near_LoA	-7,298	0,112	0,283
CHR9	17489845	CHR9:17489845	SSF x Near_LoA	-8,041	-0,011	0,280
CHR9	17489899	CHR9:17489899	SSF x Near_LoA	-5,351	0,087	0,289
CHR9	17494994	CHR9:17494994	SSF x Near_LoA	-7,801	-0,073	0,279
CHR9	17495145	CHR9:17495145	SSF x Near_LoA	-8,796	-0,108	0,261
CHR9	17495187	CHR9:17495187	SSF x Near_LoA	-5,717	-0,099	0,261
CHR9	17495219	CHR9:17495219	SSF x Near_LoA	-7,086	-0,071	0,283
CHR9	17514872	CHR9:17514872	SSF x Near_LoA	-7,137	0,035	0,292
CHR9	17514959	CHR9:17514959	SSF x Near_LoA	-9,401	-0,074	0,284
CHR9	17519051	CHR9:17519051	SSF x Near_LoA	-9,575	0,032	0,289
CHR9	17528564	CHR9:17528564	SSF x Near_LoA	-9,241	-0,074	0,282
CHR9	17528597	CHR9:17528597	SSF x Near_LoA	-9,021	0,057	0,287
CHR9	17529046	CHR9:17529046	SSF x Near_LoA	-6,250	-0,223	0,279
CHR9	17537734	CHR9:17537734	SSF x Near_LoA	-9,377	-0,109	0,294
CHR9	17537785	CHR9:17537785	SSF x Near_LoA	-8,633	0,081	0,282
CHR9	17539053	CHR9:17539053	SSF x Near_LoA	-9,630	0,121	0,288
CHR9	17539180	CHR9:17539180	SSF x Near_LoA	-7,105	0,019	0,276
CHR9	17539207	CHR9:17539207	SSF x Near_LoA	-8,091	0,014	0,284
CHR9	17545509	CHR9:17545509	SSF x Near_LoA	-9,082	-0,060	0,291
CHR9	1754820	CHR9:1754820	SSF x Near_LoA	-6,192	0,063	0,288
CHR9	1754915	CHR9:1754915	SSF x Near_LoA	-5,199	-0,191	0,285
CHR9	17558291	CHR9:17558291	SSF x Near_LoA	-6,711	-0,218	0,271
CHR9	17561954	CHR9:17561954	SSF x Near_LoA	-7,137	-0,225	0,275
CHR9	17572600	CHR9:17572600	SSF x Near_LoA	2,384	-0,323	0,244
CHR9	17572710	CHR9:17572710	SSF x Near_LoA	-9,903	-0,052	0,287
CHR9	17572755	CHR9:17572755	SSF x Near_LoA	-8,265	0,076	0,287
CHR9	17583216	CHR9:17583216	SSF x Near_LoA	-7,125	-0,117	0,275
CHR9	17583256	CHR9:17583256	SSF x Near_LoA	-6,345	0,129	0,286
CHR9	17586901	CHR9:17586901	SSF x Near_LoA	-8,985	-0,053	0,270
CHR9	17587024	CHR9:17587024	SSF x Near_LoA	-10,527	0,009	0,284
CHR9	17587163	CHR9:17587163	SSF x Near_LoA	-6,448	-0,032	0,290
CHR9	17597726	CHR9:17597726	SSF x Near_LoA	-8,400	-0,013	0,278
CHR9	17597808	CHR9:17597808	SSF x Near_LoA	-8,591	0,047	0,289
CHR9	17597911	CHR9:17597911	SSF x Near_LoA	-8,663	-0,030	0,283
CHR9	17601508	CHR9:17601508	SSF x Near_LoA	-7,333	0,046	0,274
CHR9	17609998	CHR9:17609998	SSF x Near_LoA	-7,876	0,016	0,299
CHR9	17610058	CHR9:17610058	SSF x Near_LoA	-9,914	-0,041	0,279
CHR9	17610092	CHR9:17610092	SSF x Near_LoA	-7,295	-0,082	0,267
CHR9	17610162	CHR9:17610162	SSF x Near_LoA	-8,200	-0,025	0,285
CHR9	17610183	CHR9:17610183	SSF x Near_LoA	-6,973	-0,081	0,273
CHR9	17615585	CHR9:17615585	SSF x Near_LoA	-6,771	-0,158	0,281
CHR9	17615619	CHR9:17615619	SSF x Near_LoA	-8,979	-0,049	0,291
CHR9	17615780	CHR9:17615780	SSF x Near_LoA	-10,554	0,018	0,292
CHR9	17615907	CHR9:17615907	SSF x Near_LoA	-8,876	-0,072	0,270
CHR9	17652837	CHR9:17652837	SSF x Near_LoA	-10,449	0,010	0,280
CHR9	17652856	CHR9:17652856	SSF x Near_LoA	-6,704	-0,006	0,264
CHR9	17652858	CHR9:17652858	SSF x Near_LoA	-9,481	-0,073	0,296
CHR9	17652926	CHR9:17652926	SSF x Near_LoA	-7,806	0,021	0,291

CHR9	17652960	CHR9:17652960	SSF x Near_LoA	-9,426	-0,078	0,288
CHR9	17652962	CHR9:17652962	SSF x Near_LoA	-4,894	-0,085	0,304
CHR9	17670704	CHR9:17670704	SSF x Near_LoA	-10,547	-0,002	0,286
CHR9	17690885	CHR9:17690885	SSF x Near_LoA	-5,405	0,168	0,284
CHR9	17691006	CHR9:17691006	SSF x Near_LoA	-10,460	-0,026	0,295
CHR9	17707160	CHR9:17707160	SSF x Near_LoA	-2,935	0,128	0,277
CHR9	17721325	CHR9:17721325	SSF x Near_LoA	-7,393	0,132	0,291
CHR9	17721675	CHR9:17721675	SSF x Near_LoA	-2,839	0,159	0,262
CHR9	17721676	CHR9:17721676	SSF x Near_LoA	-6,141	0,152	0,275
CHR9	17730880	CHR9:17730880	SSF x Near_LoA	-8,343	-0,090	0,280
CHR9	17730905	CHR9:17730905	SSF x Near_LoA	-5,861	0,142	0,289
CHR9	17730944	CHR9:17730944	SSF x Near_LoA	-9,773	0,002	0,301
CHR9	17730953	CHR9:17730953	SSF x Near_LoA	-6,325	-0,223	0,263
CHR9	17730977	CHR9:17730977	SSF x Near_LoA	-8,457	-0,064	0,303
CHR9	17752414	CHR9:17752414	SSF x Near_LoA	4,759	0,269	0,271
CHR9	17752452	CHR9:17752452	SSF x Near_LoA	-8,855	-0,071	0,279
CHR9	17752526	CHR9:17752526	SSF x Near_LoA	-5,515	0,176	0,281
CHR9	17767233	CHR9:17767233	SSF x Near_LoA	-9,527	-0,036	0,287
CHR9	17767331	CHR9:17767331	SSF x Near_LoA	-9,021	-0,056	0,300
CHR9	17767354	CHR9:17767354	SSF x Near_LoA	-6,531	0,083	0,303
CHR9	17794926	CHR9:17794926	SSF x Near_LoA	-6,196	0,121	0,293
CHR9	17794984	CHR9:17794984	SSF x Near_LoA	-6,098	0,154	0,287
CHR9	17794999	CHR9:17794999	SSF x Near_LoA	-6,099	0,135	0,286
CHR9	17795040	CHR9:17795040	SSF x Near_LoA	-9,894	-0,063	0,298
CHR9	17795065	CHR9:17795065	SSF x Near_LoA	-10,073	0,031	0,285
CHR9	17795180	CHR9:17795180	SSF x Near_LoA	-7,259	-0,068	0,281
CHR9	17846418	CHR9:17846418	SSF x Near_LoA	-8,462	0,018	0,296
CHR9	17846467	CHR9:17846467	SSF x Near_LoA	-6,331	0,184	0,270
CHR9	17846469	CHR9:17846469	SSF x Near_LoA	-5,040	0,139	0,282
CHR9	17846548	CHR9:17846548	SSF x Near_LoA	-9,124	-0,078	0,283
CHR9	17846557	CHR9:17846557	SSF x Near_LoA	-9,676	0,105	0,275
CHR9	17846569	CHR9:17846569	SSF x Near_LoA	-10,231	-0,041	0,288
CHR9	17846619	CHR9:17846619	SSF x Near_LoA	-6,643	0,119	0,283
CHR9	17846621	CHR9:17846621	SSF x Near_LoA	-0,685	0,093	0,289
CHR9	17846730	CHR9:17846730	SSF x Near_LoA	-6,191	-0,175	0,276
CHR9	17868290	CHR9:17868290	SSF x Near_LoA	-10,802	0,083	0,284
CHR9	17868372	CHR9:17868372	SSF x Near_LoA	-5,979	-0,189	0,292
CHR9	17868426	CHR9:17868426	SSF x Near_LoA	-7,896	0,121	0,290
CHR9	17868437	CHR9:17868437	SSF x Near_LoA	-6,826	-0,117	0,292
CHR9	17868561	CHR9:17868561	SSF x Near_LoA	-8,536	0,080	0,291
CHR9	17868588	CHR9:17868588	SSF x Near_LoA	-7,724	0,002	0,302
CHR9	17872767	CHR9:17872767	SSF x Near_LoA	2,501	0,104	0,291
CHR9	17872869	CHR9:17872869	SSF x Near_LoA	-7,329	0,024	0,299
CHR9	17877203	CHR9:17877203	SSF x Near_LoA	-9,333	-0,051	0,285
CHR9	17877388	CHR9:17877388	SSF x Near_LoA	-7,732	0,052	0,288
CHR9	17877392	CHR9:17877392	SSF x Near_LoA	-7,346	-0,087	0,281
CHR9	17877406	CHR9:17877406	SSF x Near_LoA	-8,064	-0,039	0,289
CHR9	17883327	CHR9:17883327	SSF x Near_LoA	-7,044	-0,115	0,295
CHR9	17883328	CHR9:17883328	SSF x Near_LoA	-4,510	-0,146	0,288
CHR9	17883362	CHR9:17883362	SSF x Near_LoA	-8,123	-0,071	0,288
CHR9	17883404	CHR9:17883404	SSF x Near_LoA	-6,265	-0,116	0,286
CHR9	17883406	CHR9:17883406	SSF x Near_LoA	-5,519	0,202	0,281
CHR9	17883443	CHR9:17883443	SSF x Near_LoA	-10,049	-0,032	0,290

CHR9	17883524	CHR9:17883524	SSF x Near_LoA	-7,211	-0,071	0,309
CHR9	17891408	CHR9:17891408	SSF x Near_LoA	-8,166	0,016	0,289
CHR9	17891417	CHR9:17891417	SSF x Near_LoA	-9,174	-0,009	0,291
CHR9	17891703	CHR9:17891703	SSF x Near_LoA	-10,055	-0,063	0,285
CHR9	17891712	CHR9:17891712	SSF x Near_LoA	-7,851	0,162	0,278
CHR9	17895072	CHR9:17895072	SSF x Near_LoA	-10,763	-0,040	0,286
CHR9	17895215	CHR9:17895215	SSF x Near_LoA	-10,873	0,040	0,280
CHR9	17895278	CHR9:17895278	SSF x Near_LoA	-8,850	0,033	0,295
CHR9	17895291	CHR9:17895291	SSF x Near_LoA	-9,694	0,041	0,283
CHR9	17895300	CHR9:17895300	SSF x Near_LoA	-10,558	0,028	0,279
CHR9	17898037	CHR9:17898037	SSF x Near_LoA	-0,194	-0,143	0,279
CHR9	17898043	CHR9:17898043	SSF x Near_LoA	-7,779	-0,157	0,287
CHR9	17898215	CHR9:17898215	SSF x Near_LoA	-7,860	0,074	0,284
CHR9	17898219	CHR9:17898219	SSF x Near_LoA	-7,683	-0,050	0,288
CHR9	17903616	CHR9:17903616	SSF x Near_LoA	-5,641	0,100	0,286
CHR9	17903831	CHR9:17903831	SSF x Near_LoA	-5,718	0,049	0,304
CHR9	17919479	CHR9:17919479	SSF x Near_LoA	-9,166	0,068	0,280
CHR9	17919554	CHR9:17919554	SSF x Near_LoA	-11,261	-0,019	0,277
CHR9	17919595	CHR9:17919595	SSF x Near_LoA	-7,579	-0,134	0,280
CHR9	17919608	CHR9:17919608	SSF x Near_LoA	-6,072	-0,177	0,273
CHR9	17919642	CHR9:17919642	SSF x Near_LoA	-8,995	0,047	0,297
CHR9	17953611	CHR9:17953611	SSF x Near_LoA	-5,568	0,009	0,300
CHR9	17954077	CHR9:17954077	SSF x Near_LoA	-9,829	0,067	0,292
CHR9	17954093	CHR9:17954093	SSF x Near_LoA	-7,999	-0,049	0,286
CHR9	17977234	CHR9:17977234	SSF x Near_LoA	-7,745	-0,031	0,303
CHR9	17977424	CHR9:17977424	SSF x Near_LoA	-7,490	-0,077	0,297
CHR9	17977503	CHR9:17977503	SSF x Near_LoA	-8,100	0,031	0,294
CHR9	17991550	CHR9:17991550	SSF x Near_LoA	-7,820	0,084	0,281
CHR9	17991773	CHR9:17991773	SSF x Near_LoA	-9,932	-0,066	0,279
CHR9	18001694	CHR9:18001694	SSF x Near_LoA	-7,457	-0,116	0,294
CHR9	18001834	CHR9:18001834	SSF x Near_LoA	-6,699	-0,098	0,288
CHR9	18001883	CHR9:18001883	SSF x Near_LoA	-7,760	-0,057	0,275
CHR9	18004915	CHR9:18004915	SSF x Near_LoA	-5,228	0,181	0,259
CHR9	18005092	CHR9:18005092	SSF x Near_LoA	-7,381	0,133	0,256
CHR9	18005105	CHR9:18005105	SSF x Near_LoA	-8,440	-0,117	0,271
CHR9	18005110	CHR9:18005110	SSF x Near_LoA	-4,545	0,125	0,257
CHR9	18005143	CHR9:18005143	SSF x Near_LoA	-6,144	0,147	0,263
CHR9	18005144	CHR9:18005144	SSF x Near_LoA	-5,713	0,150	0,254
CHR9	18065936	CHR9:18065936	SSF x Near_LoA	-7,045	-0,178	0,271
CHR9	18065989	CHR9:18065989	SSF x Near_LoA	-10,632	-0,047	0,277
CHR9	18066114	CHR9:18066114	SSF x Near_LoA	-6,679	-0,140	0,271
CHR9	18069214	CHR9:18069214	SSF x Near_LoA	-6,064	-0,079	0,284
CHR9	18069294	CHR9:18069294	SSF x Near_LoA	-9,239	0,087	0,287
CHR9	18069348	CHR9:18069348	SSF x Near_LoA	-3,663	-0,193	0,274
CHR9	18069400	CHR9:18069400	SSF x Near_LoA	-4,606	-0,144	0,289
CHR9	18071321	CHR9:18071321	SSF x Near_LoA	-8,820	0,163	0,265
CHR9	18076161	CHR9:18076161	SSF x Near_LoA	-5,112	0,123	0,273
CHR9	18076202	CHR9:18076202	SSF x Near_LoA	-7,020	0,110	0,264
CHR9	18076328	CHR9:18076328	SSF x Near_LoA	-8,254	-0,020	0,282
CHR9	18076403	CHR9:18076403	SSF x Near_LoA	-7,500	-0,102	0,280
CHR9	18076412	CHR9:18076412	SSF x Near_LoA	-7,567	-0,109	0,269
CHR9	18083998	CHR9:18083998	SSF x Near_LoA	-8,066	0,021	0,278
CHR9	18084041	CHR9:18084041	SSF x Near_LoA	-7,024	-0,075	0,274

CHR9	18084050	CHR9:18084050	SSF x Near_LoA	-5,280	-0,137	0,288
CHR9	18084097	CHR9:18084097	SSF x Near_LoA	-8,467	-0,003	0,274
CHR9	18084102	CHR9:18084102	SSF x Near_LoA	-9,812	0,076	0,274
CHR9	18084182	CHR9:18084182	SSF x Near_LoA	-6,801	0,032	0,295
CHR9	18084192	CHR9:18084192	SSF x Near_LoA	-7,068	0,078	0,282
CHR9	18098033	CHR9:18098033	SSF x Near_LoA	-6,462	0,074	0,302
CHR9	18098219	CHR9:18098219	SSF x Near_LoA	-3,341	0,006	0,286
CHR9	18098233	CHR9:18098233	SSF x Near_LoA	-6,699	-0,193	0,276
CHR9	18098304	CHR9:18098304	SSF x Near_LoA	-8,449	0,018	0,302
CHR9	18098378	CHR9:18098378	SSF x Near_LoA	-6,337	0,133	0,295
CHR9	18101827	CHR9:18101827	SSF x Near_LoA	-8,689	-0,039	0,292
CHR9	18101872	CHR9:18101872	SSF x Near_LoA	-8,209	-0,082	0,294
CHR9	18101875	CHR9:18101875	SSF x Near_LoA	-7,717	-0,054	0,289
CHR9	18101943	CHR9:18101943	SSF x Near_LoA	-8,820	-0,045	0,305
CHR9	1812491	CHR9:1812491	SSF x Near_LoA	-10,120	0,028	0,284
CHR9	18136336	CHR9:18136336	SSF x Near_LoA	-6,048	-0,135	0,262
CHR9	18136345	CHR9:18136345	SSF x Near_LoA	-8,420	-0,063	0,293
CHR9	18136359	CHR9:18136359	SSF x Near_LoA	-6,362	0,163	0,278
CHR9	18136384	CHR9:18136384	SSF x Near_LoA	-7,412	0,177	0,273
CHR9	18136549	CHR9:18136549	SSF x Near_LoA	-8,481	-0,007	0,296
CHR9	18138142	CHR9:18138142	SSF x Near_LoA	-8,566	0,028	0,293
CHR9	18138231	CHR9:18138231	SSF x Near_LoA	-9,091	-0,046	0,289
CHR9	18138504	CHR9:18138504	SSF x Near_LoA	-7,951	-0,137	0,291
CHR9	18138509	CHR9:18138509	SSF x Near_LoA	-9,607	-0,046	0,290
CHR9	18153898	CHR9:18153898	SSF x Near_LoA	-7,567	-0,018	0,278
CHR9	18154934	CHR9:18154934	SSF x Near_LoA	-7,791	-0,050	0,294
CHR9	18154937	CHR9:18154937	SSF x Near_LoA	-7,897	-0,142	0,281
CHR9	18154942	CHR9:18154942	SSF x Near_LoA	-6,174	-0,164	0,280
CHR9	18154949	CHR9:18154949	SSF x Near_LoA	-7,286	0,075	0,283
CHR9	18155001	CHR9:18155001	SSF x Near_LoA	-8,426	0,097	0,282
CHR9	18155222	CHR9:18155222	SSF x Near_LoA	-8,378	0,040	0,289
CHR9	1816426	CHR9:1816426	SSF x Near_LoA	-6,137	-0,126	0,292
CHR9	18167040	CHR9:18167040	SSF x Near_LoA	-3,887	-0,195	0,247
CHR9	18167100	CHR9:18167100	SSF x Near_LoA	-8,191	-0,016	0,291
CHR9	18167111	CHR9:18167111	SSF x Near_LoA	-7,803	0,035	0,291
CHR9	18167932	CHR9:18167932	SSF x Near_LoA	-3,780	0,150	0,289
CHR9	18172711	CHR9:18172711	SSF x Near_LoA	-7,266	-0,081	0,294
CHR9	18172715	CHR9:18172715	SSF x Near_LoA	-6,773	0,127	0,287
CHR9	18172733	CHR9:18172733	SSF x Near_LoA	-8,696	-0,006	0,292
CHR9	18172872	CHR9:18172872	SSF x Near_LoA	-7,343	-0,030	0,290
CHR9	18197238	CHR9:18197238	SSF x Near_LoA	-7,513	-0,103	0,274
CHR9	18197270	CHR9:18197270	SSF x Near_LoA	-7,510	-0,080	0,278
CHR9	18205811	CHR9:18205811	SSF x Near_LoA	-6,231	-0,090	0,270
CHR9	18226938	CHR9:18226938	SSF x Near_LoA	-8,834	-0,126	0,278
CHR9	18227005	CHR9:18227005	SSF x Near_LoA	-6,477	0,099	0,276
CHR9	18227050	CHR9:18227050	SSF x Near_LoA	-9,230	0,026	0,292
CHR9	18227091	CHR9:18227091	SSF x Near_LoA	-9,632	0,064	0,284
CHR9	18245744	CHR9:18245744	SSF x Near_LoA	-7,147	-0,076	0,292
CHR9	18245768	CHR9:18245768	SSF x Near_LoA	-10,211	0,011	0,279
CHR9	18273543	CHR9:18273543	SSF x Near_LoA	-4,625	-0,200	0,276
CHR9	18273653	CHR9:18273653	SSF x Near_LoA	-4,424	-0,212	0,282
CHR9	18291911	CHR9:18291911	SSF x Near_LoA	-4,419	0,198	0,286
CHR9	18302534	CHR9:18302534	SSF x Near_LoA	-8,672	0,016	0,278

CHR9	18318848	CHR9:18318848	SSF x Near_LoA	-7,065	-0,094	0,300
CHR9	18350994	CHR9:18350994	SSF x Near_LoA	-8,427	0,067	0,294
CHR9	18350998	CHR9:18350998	SSF x Near_LoA	-9,314	0,039	0,276
CHR9	18351002	CHR9:18351002	SSF x Near_LoA	-8,457	0,060	0,289
CHR9	18351006	CHR9:18351006	SSF x Near_LoA	-9,285	-0,065	0,276
CHR9	18351043	CHR9:18351043	SSF x Near_LoA	-8,521	0,055	0,287
CHR9	18357829	CHR9:18357829	SSF x Near_LoA	-10,776	0,093	0,275
CHR9	1837924	CHR9:1837924	SSF x Near_LoA	-8,674	0,064	0,296
CHR9	1837929	CHR9:1837929	SSF x Near_LoA	-8,674	-0,124	0,281
CHR9	18383224	CHR9:18383224	SSF x Near_LoA	-5,875	0,175	0,286
CHR9	18383237	CHR9:18383237	SSF x Near_LoA	-7,587	0,027	0,286
CHR9	18393833	CHR9:18393833	SSF x Near_LoA	-5,843	0,037	0,274
CHR9	18393972	CHR9:18393972	SSF x Near_LoA	-7,381	0,116	0,277
CHR9	18393991	CHR9:18393991	SSF x Near_LoA	-3,616	0,079	0,283
CHR9	18401084	CHR9:18401084	SSF x Near_LoA	-5,278	0,162	0,277
CHR9	18401115	CHR9:18401115	SSF x Near_LoA	-5,987	0,115	0,280
CHR9	18401126	CHR9:18401126	SSF x Near_LoA	-6,846	0,154	0,282
CHR9	18410771	CHR9:18410771	SSF x Near_LoA	-8,674	0,037	0,286
CHR9	18410885	CHR9:18410885	SSF x Near_LoA	-9,175	-0,077	0,286
CHR9	18411888	CHR9:18411888	SSF x Near_LoA	-9,514	-0,014	0,281
CHR9	18412012	CHR9:18412012	SSF x Near_LoA	-2,452	-0,186	0,281
CHR9	18419756	CHR9:18419756	SSF x Near_LoA	-4,998	-0,035	0,295
CHR9	18419955	CHR9:18419955	SSF x Near_LoA	-8,680	0,038	0,294
CHR9	18419956	CHR9:18419956	SSF x Near_LoA	-10,058	-0,050	0,290
CHR9	18419958	CHR9:18419958	SSF x Near_LoA	-5,883	0,151	0,283
CHR9	18427441	CHR9:18427441	SSF x Near_LoA	-9,352	0,018	0,296
CHR9	18427443	CHR9:18427443	SSF x Near_LoA	-8,026	0,030	0,286
CHR9	18442043	CHR9:18442043	SSF x Near_LoA	-8,978	0,124	0,283
CHR9	18442111	CHR9:18442111	SSF x Near_LoA	-7,105	0,077	0,294
CHR9	18456080	CHR9:18456080	SSF x Near_LoA	-7,628	0,054	0,280
CHR9	18456095	CHR9:18456095	SSF x Near_LoA	-7,000	-0,046	0,288
CHR9	18456126	CHR9:18456126	SSF x Near_LoA	-9,387	0,092	0,284
CHR9	18456183	CHR9:18456183	SSF x Near_LoA	-3,897	0,089	0,286
CHR9	18456242	CHR9:18456242	SSF x Near_LoA	-3,157	-0,119	0,286
CHR9	18465948	CHR9:18465948	SSF x Near_LoA	-7,823	0,082	0,281
CHR9	18473466	CHR9:18473466	SSF x Near_LoA	-6,858	-0,045	0,297
CHR9	18473691	CHR9:18473691	SSF x Near_LoA	-8,476	0,138	0,295
CHR9	18478668	CHR9:18478668	SSF x Near_LoA	-7,074	0,118	0,284
CHR9	18478672	CHR9:18478672	SSF x Near_LoA	-9,865	-0,069	0,292
CHR9	18478705	CHR9:18478705	SSF x Near_LoA	-5,354	0,144	0,297
CHR9	18478724	CHR9:18478724	SSF x Near_LoA	-4,783	0,012	0,283
CHR9	18478828	CHR9:18478828	SSF x Near_LoA	-4,390	-0,185	0,276
CHR9	18478908	CHR9:18478908	SSF x Near_LoA	-8,397	-0,120	0,284
CHR9	18478921	CHR9:18478921	SSF x Near_LoA	-5,475	-0,195	0,273
CHR9	18479031	CHR9:18479031	SSF x Near_LoA	-10,133	0,030	0,285
CHR9	1848105	CHR9:1848105	SSF x Near_LoA	-8,271	0,067	0,295
CHR9	1848160	CHR9:1848160	SSF x Near_LoA	-7,930	-0,043	0,283
CHR9	18487801	CHR9:18487801	SSF x Near_LoA	-9,523	-0,158	0,284
CHR9	18530274	CHR9:18530274	SSF x Near_LoA	-7,722	0,056	0,263
CHR9	18530417	CHR9:18530417	SSF x Near_LoA	-7,897	0,071	0,264
CHR9	18530430	CHR9:18530430	SSF x Near_LoA	-8,805	-0,088	0,280
CHR9	18530448	CHR9:18530448	SSF x Near_LoA	-5,922	0,148	0,263
CHR9	1854759	CHR9:1854759	SSF x Near_LoA	-8,865	-0,076	0,283

CHR9	18570237	CHR9:18570237	SSF x Near_LoA	-6,792	-0,024	0,304
CHR9	18570248	CHR9:18570248	SSF x Near_LoA	-6,983	0,161	0,280
CHR9	18570259	CHR9:18570259	SSF x Near_LoA	-8,768	-0,042	0,281
CHR9	18570281	CHR9:18570281	SSF x Near_LoA	-8,318	0,009	0,292
CHR9	18570287	CHR9:18570287	SSF x Near_LoA	-7,977	0,022	0,286
CHR9	18570305	CHR9:18570305	SSF x Near_LoA	-5,212	0,000	0,304
CHR9	18570504	CHR9:18570504	SSF x Near_LoA	-8,018	0,095	0,282
CHR9	18570611	CHR9:18570611	SSF x Near_LoA	-8,580	-0,116	0,295
CHR9	18570688	CHR9:18570688	SSF x Near_LoA	-8,129	-0,082	0,284
CHR9	18578554	CHR9:18578554	SSF x Near_LoA	-1,361	-0,242	0,283
CHR9	18578658	CHR9:18578658	SSF x Near_LoA	-5,318	0,025	0,291
CHR9	18631476	CHR9:18631476	SSF x Near_LoA	-8,286	-0,111	0,282
CHR9	18631762	CHR9:18631762	SSF x Near_LoA	-7,027	0,091	0,289
CHR9	18631777	CHR9:18631777	SSF x Near_LoA	-8,360	-0,069	0,289
CHR9	18631809	CHR9:18631809	SSF x Near_LoA	-7,416	-0,100	0,283
CHR9	18631851	CHR9:18631851	SSF x Near_LoA	-6,243	-0,049	0,294
CHR9	18640651	CHR9:18640651	SSF x Near_LoA	-6,435	0,181	0,272
CHR9	18640674	CHR9:18640674	SSF x Near_LoA	-7,751	-0,104	0,284
CHR9	18640686	CHR9:18640686	SSF x Near_LoA	-7,990	0,026	0,296
CHR9	18640955	CHR9:18640955	SSF x Near_LoA	-7,650	-0,033	0,301
CHR9	18641089	CHR9:18641089	SSF x Near_LoA	-7,608	-0,044	0,299
CHR9	18641137	CHR9:18641137	SSF x Near_LoA	-7,157	0,169	0,281
CHR9	18656412	CHR9:18656412	SSF x Near_LoA	-8,621	0,001	0,272
CHR9	18656553	CHR9:18656553	SSF x Near_LoA	-8,643	0,035	0,276
CHR9	18656768	CHR9:18656768	SSF x Near_LoA	-7,888	-0,103	0,288
CHR9	18656804	CHR9:18656804	SSF x Near_LoA	-7,459	-0,017	0,294
CHR9	18656818	CHR9:18656818	SSF x Near_LoA	-7,768	-0,037	0,276
CHR9	18656867	CHR9:18656867	SSF x Near_LoA	-9,835	0,067	0,289
CHR9	18661895	CHR9:18661895	SSF x Near_LoA	-8,043	-0,019	0,281
CHR9	18661906	CHR9:18661906	SSF x Near_LoA	-8,037	-0,007	0,277
CHR9	18661927	CHR9:18661927	SSF x Near_LoA	-11,387	0,037	0,272
CHR9	18661982	CHR9:18661982	SSF x Near_LoA	-6,593	-0,049	0,285
CHR9	18662041	CHR9:18662041	SSF x Near_LoA	-6,669	-0,099	0,282
CHR9	18682414	CHR9:18682414	SSF x Near_LoA	-7,890	-0,060	0,271
CHR9	18682448	CHR9:18682448	SSF x Near_LoA	-7,197	-0,085	0,282
CHR9	18682484	CHR9:18682484	SSF x Near_LoA	-8,861	-0,038	0,277
CHR9	18682490	CHR9:18682490	SSF x Near_LoA	-7,157	0,099	0,289
CHR9	18682598	CHR9:18682598	SSF x Near_LoA	-8,275	0,060	0,310
CHR9	18682695	CHR9:18682695	SSF x Near_LoA	-8,303	0,056	0,292
CHR9	18692524	CHR9:18692524	SSF x Near_LoA	-6,446	0,062	0,285
CHR9	1871200	CHR9:1871200	SSF x Near_LoA	-8,202	0,139	0,272
CHR9	1872585	CHR9:1872585	SSF x Near_LoA	-7,736	0,026	0,283
CHR9	18738375	CHR9:18738375	SSF x Near_LoA	-8,214	0,013	0,283
CHR9	18784801	CHR9:18784801	SSF x Near_LoA	-4,464	-0,074	0,294
CHR9	18789029	CHR9:18789029	SSF x Near_LoA	-7,870	-0,054	0,276
CHR9	18789129	CHR9:18789129	SSF x Near_LoA	-7,653	-0,064	0,292
CHR9	18789131	CHR9:18789131	SSF x Near_LoA	-7,754	-0,042	0,308
CHR9	18789133	CHR9:18789133	SSF x Near_LoA	-6,722	0,021	0,290
CHR9	18789262	CHR9:18789262	SSF x Near_LoA	-7,214	-0,114	0,298
CHR9	18798822	CHR9:18798822	SSF x Near_LoA	-7,333	-0,001	0,262
CHR9	18807930	CHR9:18807930	SSF x Near_LoA	-8,554	0,102	0,285
CHR9	1881376	CHR9:1881376	SSF x Near_LoA	-7,811	0,146	0,277
CHR9	1881448	CHR9:1881448	SSF x Near_LoA	-8,350	-0,037	0,286

CHR9	1881450	CHR9:1881450	SSF x Near_LoA	-1,338	-0,129	0,285
CHR9	1883750	CHR9:1883750	SSF x Near_LoA	-6,985	0,137	0,272
CHR9	1883752	CHR9:1883752	SSF x Near_LoA	-8,756	0,126	0,277
CHR9	1883777	CHR9:1883777	SSF x Near_LoA	-4,357	-0,041	0,286
CHR9	18841224	CHR9:18841224	SSF x Near_LoA	-7,213	0,162	0,277
CHR9	18853486	CHR9:18853486	SSF x Near_LoA	-5,245	0,191	0,281
CHR9	1885974	CHR9:1885974	SSF x Near_LoA	-7,687	0,071	0,291
CHR9	1886186	CHR9:1886186	SSF x Near_LoA	-1,688	-0,251	0,262
CHR9	1886278	CHR9:1886278	SSF x Near_LoA	-8,889	-0,068	0,273
CHR9	18882934	CHR9:18882934	SSF x Near_LoA	-3,192	-0,232	0,271
CHR9	18882975	CHR9:18882975	SSF x Near_LoA	-3,242	-0,215	0,282
CHR9	18893336	CHR9:18893336	SSF x Near_LoA	-8,728	-0,088	0,283
CHR9	1891168	CHR9:1891168	SSF x Near_LoA	-8,602	-0,038	0,284
CHR9	1891174	CHR9:1891174	SSF x Near_LoA	-7,395	0,057	0,278
CHR9	1891250	CHR9:1891250	SSF x Near_LoA	-7,328	-0,044	0,294
CHR9	18926934	CHR9:18926934	SSF x Near_LoA	-4,022	-0,189	0,273
CHR9	18926959	CHR9:18926959	SSF x Near_LoA	7,792	-0,196	0,274
CHR9	18965182	CHR9:18965182	SSF x Near_LoA	-10,172	0,054	0,286
CHR9	1897189	CHR9:1897189	SSF x Near_LoA	-6,611	0,035	0,287
CHR9	1897449	CHR9:1897449	SSF x Near_LoA	-9,360	0,004	0,296
CHR9	1897537	CHR9:1897537	SSF x Near_LoA	-10,212	-0,123	0,287
CHR9	18976283	CHR9:18976283	SSF x Near_LoA	-3,828	0,021	0,295
CHR9	18976362	CHR9:18976362	SSF x Near_LoA	-7,508	0,068	0,277
CHR9	1897642	CHR9:1897642	SSF x Near_LoA	-7,430	-0,157	0,275
CHR9	18978340	CHR9:18978340	SSF x Near_LoA	-8,738	0,101	0,285
CHR9	18985018	CHR9:18985018	SSF x Near_LoA	-8,245	-0,071	0,292
CHR9	18985094	CHR9:18985094	SSF x Near_LoA	-9,984	-0,054	0,283
CHR9	19022831	CHR9:19022831	SSF x Near_LoA	-3,840	0,137	0,299
CHR9	19030714	CHR9:19030714	SSF x Near_LoA	-9,344	0,068	0,302
CHR9	19030781	CHR9:19030781	SSF x Near_LoA	-9,703	0,059	0,295
CHR9	19030784	CHR9:19030784	SSF x Near_LoA	-10,038	0,037	0,292
CHR9	19031086	CHR9:19031086	SSF x Near_LoA	-10,235	0,059	0,290
CHR9	19062241	CHR9:19062241	SSF x Near_LoA	-8,723	0,017	0,299
CHR9	19067526	CHR9:19067526	SSF x Near_LoA	-7,554	-0,022	0,286
CHR9	19067593	CHR9:19067593	SSF x Near_LoA	-5,565	0,045	0,283
CHR9	19067995	CHR9:19067995	SSF x Near_LoA	-10,371	0,021	0,286
CHR9	19074268	CHR9:19074268	SSF x Near_LoA	-8,478	-0,122	0,291
CHR9	19150957	CHR9:19150957	SSF x Near_LoA	-9,931	-0,057	0,284
CHR9	19151058	CHR9:19151058	SSF x Near_LoA	-6,563	0,098	0,283
CHR9	19153647	CHR9:19153647	SSF x Near_LoA	-8,883	-0,051	0,289
CHR9	19179660	CHR9:19179660	SSF x Near_LoA	-7,740	0,011	0,289
CHR9	1924634	CHR9:1924634	SSF x Near_LoA	-1,678	0,111	0,289
CHR9	1930156	CHR9:1930156	SSF x Near_LoA	-7,986	-0,002	0,288
CHR9	1934703	CHR9:1934703	SSF x Near_LoA	-6,519	-0,055	0,288
CHR9	1935724	CHR9:1935724	SSF x Near_LoA	-6,913	0,070	0,294
CHR9	1936580	CHR9:1936580	SSF x Near_LoA	-6,734	-0,079	0,286
CHR9	1936583	CHR9:1936583	SSF x Near_LoA	-7,244	-0,128	0,279
CHR9	1951913	CHR9:1951913	SSF x Near_LoA	-7,872	0,038	0,275
CHR9	1951934	CHR9:1951934	SSF x Near_LoA	-7,709	0,009	0,295
CHR9	1951972	CHR9:1951972	SSF x Near_LoA	-8,437	-0,073	0,301
CHR9	1951989	CHR9:1951989	SSF x Near_LoA	-7,383	0,047	0,288
CHR9	1952007	CHR9:1952007	SSF x Near_LoA	-6,531	-0,104	0,296
CHR9	1971221	CHR9:1971221	SSF x Near_LoA	-8,831	-0,099	0,300

CHR9	1975077	CHR9:1975077	SSF x Near_LoA	-8,323	0,016	0,282
CHR9	1975325	CHR9:1975325	SSF x Near_LoA	-10,305	0,020	0,300
CHR9	1976693	CHR9:1976693	SSF x Near_LoA	-6,687	0,025	0,311
CHR9	1976742	CHR9:1976742	SSF x Near_LoA	-6,287	0,205	0,279
CHR9	1985773	CHR9:1985773	SSF x Near_LoA	-7,143	0,065	0,287
CHR9	1985797	CHR9:1985797	SSF x Near_LoA	-5,336	0,007	0,268
CHR9	1985815	CHR9:1985815	SSF x Near_LoA	-1,749	-0,263	0,270
CHR9	1985841	CHR9:1985841	SSF x Near_LoA	-2,933	0,236	0,269
CHR9	1985849	CHR9:1985849	SSF x Near_LoA	-3,197	0,000	0,285
CHR9	1985902	CHR9:1985902	SSF x Near_LoA	-8,444	-0,104	0,280
CHR9	1985907	CHR9:1985907	SSF x Near_LoA	-6,608	-0,115	0,297
CHR9	1985908	CHR9:1985908	SSF x Near_LoA	-8,833	-0,109	0,281
CHR9	1985909	CHR9:1985909	SSF x Near_LoA	-7,278	-0,075	0,290
CHR9	1985925	CHR9:1985925	SSF x Near_LoA	-8,257	-0,109	0,279
CHR9	1985999	CHR9:1985999	SSF x Near_LoA	-7,061	0,093	0,290
CHR9	1986041	CHR9:1986041	SSF x Near_LoA	-9,125	-0,013	0,294
CHR9	2005234	CHR9:2005234	SSF x Near_LoA	-10,548	-0,059	0,282
CHR9	2005370	CHR9:2005370	SSF x Near_LoA	-5,047	0,170	0,284
CHR9	2012311	CHR9:2012311	SSF x Near_LoA	-10,588	-0,060	0,283
CHR9	2012382	CHR9:2012382	SSF x Near_LoA	-9,002	-0,010	0,305
CHR9	2012474	CHR9:2012474	SSF x Near_LoA	-8,127	-0,021	0,296
CHR9	2024302	CHR9:2024302	SSF x Near_LoA	-6,670	-0,002	0,282
CHR9	2024305	CHR9:2024305	SSF x Near_LoA	-7,539	-0,013	0,282
CHR9	2024464	CHR9:2024464	SSF x Near_LoA	-7,832	0,034	0,278
CHR9	2026279	CHR9:2026279	SSF x Near_LoA	-8,256	0,038	0,269
CHR9	2026452	CHR9:2026452	SSF x Near_LoA	-7,879	0,111	0,286
CHR9	2026609	CHR9:2026609	SSF x Near_LoA	-8,697	0,074	0,271
CHR9	2030701	CHR9:2030701	SSF x Near_LoA	-5,032	-0,167	0,283
CHR9	2046785	CHR9:2046785	SSF x Near_LoA	-6,341	-0,060	0,292
CHR9	2047180	CHR9:2047180	SSF x Near_LoA	-7,435	-0,007	0,285
CHR9	2052231	CHR9:2052231	SSF x Near_LoA	-8,394	0,091	0,279
CHR9	2052241	CHR9:2052241	SSF x Near_LoA	-1,254	0,315	0,259
CHR9	2060449	CHR9:2060449	SSF x Near_LoA	-9,340	0,075	0,284
CHR9	2060570	CHR9:2060570	SSF x Near_LoA	-6,670	-0,178	0,269
CHR9	2061884	CHR9:2061884	SSF x Near_LoA	-8,634	-0,105	0,292
CHR9	2061921	CHR9:2061921	SSF x Near_LoA	-9,203	-0,088	0,293
CHR9	2061982	CHR9:2061982	SSF x Near_LoA	-9,082	0,010	0,273
CHR9	2064176	CHR9:2064176	SSF x Near_LoA	-7,826	0,009	0,293
CHR9	2064310	CHR9:2064310	SSF x Near_LoA	-10,080	-0,067	0,291
CHR9	2066952	CHR9:2066952	SSF x Near_LoA	-3,291	-0,234	0,274
CHR9	2067124	CHR9:2067124	SSF x Near_LoA	-7,958	-0,038	0,279
CHR9	2067144	CHR9:2067144	SSF x Near_LoA	-8,045	0,001	0,288
CHR9	2067932	CHR9:2067932	SSF x Near_LoA	-9,803	0,069	0,299
CHR9	2068057	CHR9:2068057	SSF x Near_LoA	-8,055	0,144	0,260
CHR9	2068091	CHR9:2068091	SSF x Near_LoA	-7,463	0,054	0,275
CHR9	2070672	CHR9:2070672	SSF x Near_LoA	-9,860	0,027	0,303
CHR9	2070717	CHR9:2070717	SSF x Near_LoA	-9,969	-0,021	0,287
CHR9	2073542	CHR9:2073542	SSF x Near_LoA	-10,046	-0,061	0,291
CHR9	2073584	CHR9:2073584	SSF x Near_LoA	-6,562	-0,050	0,281
CHR9	2073595	CHR9:2073595	SSF x Near_LoA	-7,926	0,010	0,284
CHR9	2073909	CHR9:2073909	SSF x Near_LoA	-8,724	0,060	0,283
CHR9	2073935	CHR9:2073935	SSF x Near_LoA	-7,935	-0,019	0,305
CHR9	2074004	CHR9:2074004	SSF x Near_LoA	-4,159	0,150	0,293

CHR9	2074005	CHR9:2074005	SSF x Near_LoA	-10,237	-0,058	0,302
CHR9	2074023	CHR9:2074023	SSF x Near_LoA	-9,374	0,000	0,285
CHR9	2075356	CHR9:2075356	SSF x Near_LoA	-8,218	-0,036	0,299
CHR9	2078053	CHR9:2078053	SSF x Near_LoA	-6,206	-0,143	0,282
CHR9	2078152	CHR9:2078152	SSF x Near_LoA	-7,461	0,000	0,271
CHR9	2078157	CHR9:2078157	SSF x Near_LoA	-7,485	0,010	0,278
CHR9	2079141	CHR9:2079141	SSF x Near_LoA	-8,903	-0,078	0,283
CHR9	2088679	CHR9:2088679	SSF x Near_LoA	-9,037	0,114	0,284
CHR9	2088748	CHR9:2088748	SSF x Near_LoA	-9,538	-0,069	0,280
CHR9	2088763	CHR9:2088763	SSF x Near_LoA	-8,875	0,030	0,266
CHR9	2088847	CHR9:2088847	SSF x Near_LoA	-10,626	0,062	0,279
CHR9	2098263	CHR9:2098263	SSF x Near_LoA	-9,835	0,037	0,296
CHR9	2098338	CHR9:2098338	SSF x Near_LoA	-9,507	0,041	0,289
CHR9	2098385	CHR9:2098385	SSF x Near_LoA	-9,728	-0,072	0,288
CHR9	2112984	CHR9:2112984	SSF x Near_LoA	-7,386	-0,086	0,292
CHR9	2113250	CHR9:2113250	SSF x Near_LoA	-6,428	-0,133	0,287
CHR9	2113251	CHR9:2113251	SSF x Near_LoA	-4,929	-0,117	0,276
CHR9	2113254	CHR9:2113254	SSF x Near_LoA	-5,224	-0,102	0,275
CHR9	2113382	CHR9:2113382	SSF x Near_LoA	-7,436	0,129	0,281
CHR9	2122405	CHR9:2122405	SSF x Near_LoA	-10,017	-0,081	0,281
CHR9	2141626	CHR9:2141626	SSF x Near_LoA	-8,397	-0,021	0,289
CHR9	2151067	CHR9:2151067	SSF x Near_LoA	-11,052	-0,035	0,271
CHR9	2151071	CHR9:2151071	SSF x Near_LoA	-5,196	-0,168	0,272
CHR9	2154185	CHR9:2154185	SSF x Near_LoA	-7,450	-0,091	0,294
CHR9	2165013	CHR9:2165013	SSF x Near_LoA	-7,273	0,093	0,291
CHR9	2165014	CHR9:2165014	SSF x Near_LoA	-8,135	0,086	0,282
CHR9	2165442	CHR9:2165442	SSF x Near_LoA	-6,564	0,071	0,273
CHR9	2165459	CHR9:2165459	SSF x Near_LoA	-7,149	0,166	0,278
CHR9	2165473	CHR9:2165473	SSF x Near_LoA	-6,610	0,062	0,293
CHR9	2167397	CHR9:2167397	SSF x Near_LoA	4,579	0,051	0,281
CHR9	2167521	CHR9:2167521	SSF x Near_LoA	-10,062	0,024	0,292
CHR9	2169798	CHR9:2169798	SSF x Near_LoA	-6,567	0,145	0,283
CHR9	2169816	CHR9:2169816	SSF x Near_LoA	-9,137	0,049	0,292
CHR9	2170071	CHR9:2170071	SSF x Near_LoA	-8,729	-0,134	0,282
CHR9	2173208	CHR9:2173208	SSF x Near_LoA	-7,990	0,066	0,288
CHR9	2176968	CHR9:2176968	SSF x Near_LoA	-3,878	0,211	0,273
CHR9	2176982	CHR9:2176982	SSF x Near_LoA	-10,737	0,003	0,288
CHR9	2177072	CHR9:2177072	SSF x Near_LoA	-8,614	-0,093	0,284
CHR9	2183980	CHR9:2183980	SSF x Near_LoA	-8,262	-0,021	0,301
CHR9	2186346	CHR9:2186346	SSF x Near_LoA	-9,415	0,049	0,286
CHR9	2186360	CHR9:2186360	SSF x Near_LoA	-6,028	0,153	0,281
CHR9	2186659	CHR9:2186659	SSF x Near_LoA	-9,923	0,039	0,284
CHR9	2204932	CHR9:2204932	SSF x Near_LoA	-0,317	-0,204	0,275
CHR9	2237190	CHR9:2237190	SSF x Near_LoA	-0,129	0,204	0,286
CHR9	2237281	CHR9:2237281	SSF x Near_LoA	-8,544	-0,057	0,269
CHR9	2237298	CHR9:2237298	SSF x Near_LoA	-7,889	-0,042	0,296
CHR9	2237343	CHR9:2237343	SSF x Near_LoA	-7,410	0,016	0,285
CHR9	2237406	CHR9:2237406	SSF x Near_LoA	-4,537	0,133	0,281
CHR9	2243818	CHR9:2243818	SSF x Near_LoA	-8,464	0,086	0,275
CHR9	2243871	CHR9:2243871	SSF x Near_LoA	-3,727	-0,100	0,281
CHR9	2243901	CHR9:2243901	SSF x Near_LoA	-1,421	-0,094	0,293
CHR9	2243909	CHR9:2243909	SSF x Near_LoA	-8,273	-0,065	0,288
CHR9	2243943	CHR9:2243943	SSF x Near_LoA	-7,461	0,080	0,295

CHR9	2244080	CHR9:2244080	SSF x Near_LoA	-7,361	-0,054	0,295
CHR9	2256267	CHR9:2256267	SSF x Near_LoA	-8,751	0,001	0,276
CHR9	2256592	CHR9:2256592	SSF x Near_LoA	-6,900	-0,113	0,295
CHR9	2256622	CHR9:2256622	SSF x Near_LoA	-7,999	0,053	0,283
CHR9	2279686	CHR9:2279686	SSF x Near_LoA	-9,199	-0,022	0,283
CHR9	2279710	CHR9:2279710	SSF x Near_LoA	-6,443	0,142	0,295
CHR9	2279717	CHR9:2279717	SSF x Near_LoA	-6,679	0,130	0,275
CHR9	2285551	CHR9:2285551	SSF x Near_LoA	-7,625	0,061	0,298
CHR9	2285561	CHR9:2285561	SSF x Near_LoA	-5,683	0,115	0,290
CHR9	2285575	CHR9:2285575	SSF x Near_LoA	-10,240	-0,084	0,294
CHR9	2285589	CHR9:2285589	SSF x Near_LoA	-3,978	0,098	0,293
CHR9	2294024	CHR9:2294024	SSF x Near_LoA	-8,057	-0,005	0,287
CHR9	2298679	CHR9:2298679	SSF x Near_LoA	-9,879	-0,050	0,284
CHR9	236268	CHR9:236268	SSF x Near_LoA	-8,056	0,042	0,278
CHR9	236349	CHR9:236349	SSF x Near_LoA	-3,998	0,106	0,287
CHR9	2379834	CHR9:2379834	SSF x Near_LoA	-8,383	-0,012	0,272
CHR9	2379858	CHR9:2379858	SSF x Near_LoA	-6,313	-0,114	0,288
CHR9	2379915	CHR9:2379915	SSF x Near_LoA	-7,355	0,115	0,276
CHR9	2385961	CHR9:2385961	SSF x Near_LoA	-7,923	0,095	0,296
CHR9	2385990	CHR9:2385990	SSF x Near_LoA	-9,943	0,057	0,280
CHR9	2386002	CHR9:2386002	SSF x Near_LoA	-6,596	-0,106	0,302
CHR9	2386007	CHR9:2386007	SSF x Near_LoA	-6,140	0,080	0,290
CHR9	2386021	CHR9:2386021	SSF x Near_LoA	-7,177	-0,146	0,285
CHR9	2386158	CHR9:2386158	SSF x Near_LoA	-6,531	0,126	0,281
CHR9	2390089	CHR9:2390089	SSF x Near_LoA	-7,109	0,146	0,283
CHR9	2390141	CHR9:2390141	SSF x Near_LoA	-9,058	-0,032	0,291
CHR9	2390349	CHR9:2390349	SSF x Near_LoA	-8,462	-0,083	0,281
CHR9	2391520	CHR9:2391520	SSF x Near_LoA	-5,910	-0,040	0,299
CHR9	2392532	CHR9:2392532	SSF x Near_LoA	-8,437	-0,054	0,290
CHR9	2392776	CHR9:2392776	SSF x Near_LoA	-4,292	0,127	0,273
CHR9	2413698	CHR9:2413698	SSF x Near_LoA	-9,711	0,094	0,292
CHR9	2413721	CHR9:2413721	SSF x Near_LoA	-6,988	-0,012	0,283
CHR9	2413738	CHR9:2413738	SSF x Near_LoA	-9,014	0,031	0,294
CHR9	2413744	CHR9:2413744	SSF x Near_LoA	-7,696	-0,031	0,284
CHR9	2429321	CHR9:2429321	SSF x Near_LoA	-10,674	-0,016	0,284
CHR9	2431339	CHR9:2431339	SSF x Near_LoA	-7,746	-0,041	0,281
CHR9	243654	CHR9:243654	SSF x Near_LoA	-5,167	0,142	0,288
CHR9	243799	CHR9:243799	SSF x Near_LoA	-8,537	-0,079	0,290
CHR9	243883	CHR9:243883	SSF x Near_LoA	-8,750	-0,011	0,285
CHR9	245506	CHR9:245506	SSF x Near_LoA	-5,873	-0,114	0,284
CHR9	245513	CHR9:245513	SSF x Near_LoA	-4,856	-0,144	0,270
CHR9	245601	CHR9:245601	SSF x Near_LoA	-7,392	-0,077	0,287
CHR9	2510105	CHR9:2510105	SSF x Near_LoA	-7,871	-0,027	0,284
CHR9	2510144	CHR9:2510144	SSF x Near_LoA	-7,762	-0,061	0,296
CHR9	2510171	CHR9:2510171	SSF x Near_LoA	-9,461	-0,010	0,288
CHR9	2510373	CHR9:2510373	SSF x Near_LoA	-5,799	0,014	0,297
CHR9	2510398	CHR9:2510398	SSF x Near_LoA	-2,192	-0,124	0,277
CHR9	2510413	CHR9:2510413	SSF x Near_LoA	-7,836	-0,066	0,288
CHR9	2510414	CHR9:2510414	SSF x Near_LoA	-6,979	0,079	0,280
CHR9	2510420	CHR9:2510420	SSF x Near_LoA	-6,746	-0,072	0,277
CHR9	2545279	CHR9:2545279	SSF x Near_LoA	-7,271	-0,106	0,286
CHR9	2545292	CHR9:2545292	SSF x Near_LoA	-8,053	-0,012	0,289
CHR9	2552434	CHR9:2552434	SSF x Near_LoA	-9,396	-0,072	0,290

CHR9	2552437	CHR9:2552437	SSF x Near_LoA	-8,452	-0,047	0,310
CHR9	2567870	CHR9:2567870	SSF x Near_LoA	-8,667	0,022	0,288
CHR9	277392	CHR9:277392	SSF x Near_LoA	-7,505	0,072	0,277
CHR9	277498	CHR9:277498	SSF x Near_LoA	-7,067	-0,039	0,286
CHR9	277515	CHR9:277515	SSF x Near_LoA	-9,962	-0,018	0,285
CHR9	277523	CHR9:277523	SSF x Near_LoA	-8,819	0,011	0,284
CHR9	280523	CHR9:280523	SSF x Near_LoA	-7,342	-0,021	0,295
CHR9	280534	CHR9:280534	SSF x Near_LoA	-5,668	-0,110	0,296
CHR9	307841	CHR9:307841	SSF x Near_LoA	-6,818	0,138	0,281
CHR9	307857	CHR9:307857	SSF x Near_LoA	-5,589	0,148	0,288
CHR9	322387	CHR9:322387	SSF x Near_LoA	-8,570	0,033	0,293
CHR9	322421	CHR9:322421	SSF x Near_LoA	-6,581	-0,025	0,292
CHR9	322447	CHR9:322447	SSF x Near_LoA	-6,290	-0,075	0,303
CHR9	322493	CHR9:322493	SSF x Near_LoA	-6,528	-0,150	0,287
CHR9	322517	CHR9:322517	SSF x Near_LoA	-8,988	-0,033	0,288
CHR9	335571	CHR9:335571	SSF x Near_LoA	-6,701	-0,092	0,267
CHR9	335637	CHR9:335637	SSF x Near_LoA	-8,607	0,012	0,282
CHR9	335921	CHR9:335921	SSF x Near_LoA	-9,713	0,031	0,279
CHR9	339192	CHR9:339192	SSF x Near_LoA	-8,414	-0,078	0,290
CHR9	339233	CHR9:339233	SSF x Near_LoA	-11,097	0,020	0,282
CHR9	341270	CHR9:341270	SSF x Near_LoA	-7,624	0,038	0,287
CHR9	341342	CHR9:341342	SSF x Near_LoA	-7,064	-0,012	0,293
CHR9	361938	CHR9:361938	SSF x Near_LoA	-7,562	0,004	0,280
CHR9	385992	CHR9:385992	SSF x Near_LoA	-8,417	-0,133	0,287
CHR9	398349	CHR9:398349	SSF x Near_LoA	-7,791	-0,166	0,289
CHR9	398592	CHR9:398592	SSF x Near_LoA	-7,516	-0,032	0,291
CHR9	480659	CHR9:480659	SSF x Near_LoA	-9,690	-0,060	0,301
CHR9	480830	CHR9:480830	SSF x Near_LoA	-7,788	0,024	0,288
CHR9	480842	CHR9:480842	SSF x Near_LoA	-9,836	-0,022	0,283
CHR9	480845	CHR9:480845	SSF x Near_LoA	-10,435	-0,006	0,296
CHR9	498878	CHR9:498878	SSF x Near_LoA	-7,241	0,028	0,297
CHR9	498879	CHR9:498879	SSF x Near_LoA	-9,435	0,009	0,275
CHR9	498884	CHR9:498884	SSF x Near_LoA	-8,090	0,003	0,294
CHR9	498901	CHR9:498901	SSF x Near_LoA	-9,962	-0,093	0,277
CHR9	507011	CHR9:507011	SSF x Near_LoA	-10,136	0,109	0,286
CHR9	507152	CHR9:507152	SSF x Near_LoA	-7,741	0,025	0,296
CHR9	507317	CHR9:507317	SSF x Near_LoA	-8,703	0,015	0,303
CHR9	507369	CHR9:507369	SSF x Near_LoA	-5,407	0,204	0,285
CHR9	510558	CHR9:510558	SSF x Near_LoA	-8,633	-0,130	0,278
CHR9	510756	CHR9:510756	SSF x Near_LoA	-9,745	-0,088	0,279
CHR9	510945	CHR9:510945	SSF x Near_LoA	-8,594	-0,149	0,285
CHR9	536856	CHR9:536856	SSF x Near_LoA	-8,027	-0,128	0,280
CHR9	546302	CHR9:546302	SSF x Near_LoA	-2,112	0,150	0,280
CHR9	55720	CHR9:55720	SSF x Near_LoA	-9,371	-0,060	0,285
CHR9	559482	CHR9:559482	SSF x Near_LoA	-5,782	-0,159	0,276
CHR9	559559	CHR9:559559	SSF x Near_LoA	-4,517	0,116	0,287
CHR9	559644	CHR9:559644	SSF x Near_LoA	-2,414	0,055	0,284
CHR9	564233	CHR9:564233	SSF x Near_LoA	-8,045	0,008	0,290
CHR9	564373	CHR9:564373	SSF x Near_LoA	-7,598	-0,099	0,271
CHR9	566220	CHR9:566220	SSF x Near_LoA	-9,914	-0,050	0,289
CHR9	566290	CHR9:566290	SSF x Near_LoA	-8,541	-0,062	0,289
CHR9	606175	CHR9:606175	SSF x Near_LoA	-6,762	0,041	0,302
CHR9	613703	CHR9:613703	SSF x Near_LoA	-7,110	-0,042	0,263

CHR9	613920	CHR9:613920	SSF x Near_LoA	-4,291	-0,094	0,286
CHR9	613925	CHR9:613925	SSF x Near_LoA	-7,193	-0,035	0,287
CHR9	6184020	CHR9:6184020	SSF x Near_LoA	-10,320	-0,050	0,279
CHR9	620290	CHR9:620290	SSF x Near_LoA	-9,482	-0,018	0,284
CHR9	620429	CHR9:620429	SSF x Near_LoA	-6,800	-0,142	0,277
CHR9	620549	CHR9:620549	SSF x Near_LoA	-4,633	0,058	0,287
CHR9	6207648	CHR9:6207648	SSF x Near_LoA	-5,955	-0,096	0,263
CHR9	627079	CHR9:627079	SSF x Near_LoA	-7,284	0,096	0,285
CHR9	6270940	CHR9:6270940	SSF x Near_LoA	-7,261	-0,059	0,288
CHR9	627147	CHR9:627147	SSF x Near_LoA	-10,551	-0,041	0,289
CHR9	627156	CHR9:627156	SSF x Near_LoA	-8,628	0,072	0,289
CHR9	627167	CHR9:627167	SSF x Near_LoA	-3,492	-0,253	0,272
CHR9	627186	CHR9:627186	SSF x Near_LoA	-6,316	-0,187	0,287
CHR9	627206	CHR9:627206	SSF x Near_LoA	-2,639	-0,253	0,267
CHR9	627265	CHR9:627265	SSF x Near_LoA	-7,986	0,069	0,281
CHR9	6280900	CHR9:6280900	SSF x Near_LoA	-4,402	0,074	0,293
CHR9	6280966	CHR9:6280966	SSF x Near_LoA	-7,457	-0,048	0,286
CHR9	6281103	CHR9:6281103	SSF x Near_LoA	-9,021	0,068	0,285
CHR9	6295138	CHR9:6295138	SSF x Near_LoA	-8,500	-0,165	0,282
CHR9	6310591	CHR9:6310591	SSF x Near_LoA	-8,207	0,151	0,289
CHR9	6318985	CHR9:6318985	SSF x Near_LoA	-6,579	-0,126	0,290
CHR9	6319030	CHR9:6319030	SSF x Near_LoA	-5,119	-0,150	0,262
CHR9	6325492	CHR9:6325492	SSF x Near_LoA	-8,119	0,043	0,302
CHR9	6325641	CHR9:6325641	SSF x Near_LoA	-10,125	-0,005	0,282
CHR9	6355447	CHR9:6355447	SSF x Near_LoA	-8,105	-0,003	0,295
CHR9	6355462	CHR9:6355462	SSF x Near_LoA	-7,511	-0,132	0,287
CHR9	6355480	CHR9:6355480	SSF x Near_LoA	-7,055	-0,065	0,298
CHR9	6355517	CHR9:6355517	SSF x Near_LoA	-2,041	-0,012	0,304
CHR9	6355541	CHR9:6355541	SSF x Near_LoA	-6,671	0,000	0,316
CHR9	6362206	CHR9:6362206	SSF x Near_LoA	-6,379	-0,013	0,277
CHR9	6362261	CHR9:6362261	SSF x Near_LoA	-5,444	0,070	0,276
CHR9	6367433	CHR9:6367433	SSF x Near_LoA	-7,546	0,117	0,283
CHR9	6373433	CHR9:6373433	SSF x Near_LoA	-8,302	-0,095	0,266
CHR9	6373459	CHR9:6373459	SSF x Near_LoA	-7,670	-0,039	0,282
CHR9	6392796	CHR9:6392796	SSF x Near_LoA	-7,611	0,038	0,287
CHR9	6392854	CHR9:6392854	SSF x Near_LoA	-3,291	-0,073	0,282
CHR9	6392875	CHR9:6392875	SSF x Near_LoA	-9,148	0,023	0,290
CHR9	6393402	CHR9:6393402	SSF x Near_LoA	-10,794	0,020	0,287
CHR9	6404217	CHR9:6404217	SSF x Near_LoA	-7,434	0,031	0,275
CHR9	6404315	CHR9:6404315	SSF x Near_LoA	-4,754	0,154	0,265
CHR9	6420039	CHR9:6420039	SSF x Near_LoA	-9,136	-0,097	0,270
CHR9	6420267	CHR9:6420267	SSF x Near_LoA	-8,696	-0,063	0,285
CHR9	6427400	CHR9:6427400	SSF x Near_LoA	-7,577	0,156	0,290
CHR9	6427493	CHR9:6427493	SSF x Near_LoA	-7,502	0,035	0,275
CHR9	6427584	CHR9:6427584	SSF x Near_LoA	-5,997	0,034	0,286
CHR9	6427598	CHR9:6427598	SSF x Near_LoA	-7,904	0,014	0,289
CHR9	6436819	CHR9:6436819	SSF x Near_LoA	-8,998	-0,014	0,269
CHR9	6464506	CHR9:6464506	SSF x Near_LoA	-7,575	0,093	0,263
CHR9	6464542	CHR9:6464542	SSF x Near_LoA	-7,926	0,152	0,288
CHR9	6469909	CHR9:6469909	SSF x Near_LoA	-7,198	-0,112	0,276
CHR9	6470060	CHR9:6470060	SSF x Near_LoA	-2,739	-0,067	0,279
CHR9	6486425	CHR9:6486425	SSF x Near_LoA	-6,443	-0,061	0,289
CHR9	6486444	CHR9:6486444	SSF x Near_LoA	-7,931	-0,034	0,298

CHR9	6486457	CHR9:6486457	SSF x Near_LoA	-3,175	-0,076	0,302
CHR9	6486465	CHR9:6486465	SSF x Near_LoA	-8,134	-0,078	0,294
CHR9	6495002	CHR9:6495002	SSF x Near_LoA	-8,483	-0,040	0,283
CHR9	6495009	CHR9:6495009	SSF x Near_LoA	-7,070	0,128	0,276
CHR9	6500965	CHR9:6500965	SSF x Near_LoA	-8,486	-0,109	0,292
CHR9	6506131	CHR9:6506131	SSF x Near_LoA	-9,679	0,129	0,283
CHR9	6512674	CHR9:6512674	SSF x Near_LoA	-7,239	-0,106	0,283
CHR9	6533003	CHR9:6533003	SSF x Near_LoA	-9,776	0,029	0,284
CHR9	6533074	CHR9:6533074	SSF x Near_LoA	-8,255	0,071	0,280
CHR9	6536067	CHR9:6536067	SSF x Near_LoA	-8,586	0,057	0,273
CHR9	6536197	CHR9:6536197	SSF x Near_LoA	-7,651	-0,027	0,271
CHR9	6538146	CHR9:6538146	SSF x Near_LoA	-10,788	-0,040	0,294
CHR9	6541854	CHR9:6541854	SSF x Near_LoA	-7,809	0,035	0,284
CHR9	6541950	CHR9:6541950	SSF x Near_LoA	-8,342	-0,089	0,282
CHR9	6555211	CHR9:6555211	SSF x Near_LoA	-3,748	0,109	0,275
CHR9	6555428	CHR9:6555428	SSF x Near_LoA	-10,845	0,066	0,276
CHR9	6583217	CHR9:6583217	SSF x Near_LoA	-10,268	0,031	0,279
CHR9	6583279	CHR9:6583279	SSF x Near_LoA	-8,365	0,010	0,303
CHR9	6583400	CHR9:6583400	SSF x Near_LoA	-8,571	-0,007	0,293
CHR9	6587755	CHR9:6587755	SSF x Near_LoA	-7,879	-0,158	0,281
CHR9	6587824	CHR9:6587824	SSF x Near_LoA	-7,730	-0,031	0,272
CHR9	6587939	CHR9:6587939	SSF x Near_LoA	-6,907	0,003	0,288
CHR9	6587954	CHR9:6587954	SSF x Near_LoA	-7,305	0,080	0,285
CHR9	6622753	CHR9:6622753	SSF x Near_LoA	-10,309	0,001	0,284
CHR9	6626887	CHR9:6626887	SSF x Near_LoA	-6,345	-0,140	0,293
CHR9	6626910	CHR9:6626910	SSF x Near_LoA	-7,986	0,014	0,295
CHR9	6640958	CHR9:6640958	SSF x Near_LoA	-7,587	-0,036	0,282
CHR9	6640959	CHR9:6640959	SSF x Near_LoA	-8,108	0,125	0,281
CHR9	6640990	CHR9:6640990	SSF x Near_LoA	-8,135	0,154	0,273
CHR9	6640998	CHR9:6640998	SSF x Near_LoA	-6,846	0,033	0,287
CHR9	6641126	CHR9:6641126	SSF x Near_LoA	-7,684	-0,041	0,291
CHR9	6653420	CHR9:6653420	SSF x Near_LoA	-8,886	0,000	0,300
CHR9	6655537	CHR9:6655537	SSF x Near_LoA	-7,981	-0,072	0,289
CHR9	6655548	CHR9:6655548	SSF x Near_LoA	-10,115	-0,049	0,285
CHR9	6655579	CHR9:6655579	SSF x Near_LoA	-2,612	-0,035	0,285
CHR9	6655624	CHR9:6655624	SSF x Near_LoA	-10,223	-0,029	0,286
CHR9	6655666	CHR9:6655666	SSF x Near_LoA	-10,432	-0,004	0,283
CHR9	6696534	CHR9:6696534	SSF x Near_LoA	-9,761	-0,086	0,299
CHR9	6696535	CHR9:6696535	SSF x Near_LoA	-9,001	-0,050	0,288
CHR9	6705253	CHR9:6705253	SSF x Near_LoA	-9,702	0,084	0,277
CHR9	6709689	CHR9:6709689	SSF x Near_LoA	-9,958	-0,022	0,280
CHR9	6709803	CHR9:6709803	SSF x Near_LoA	-4,089	-0,203	0,273
CHR9	6709826	CHR9:6709826	SSF x Near_LoA	-8,156	0,127	0,277
CHR9	6709862	CHR9:6709862	SSF x Near_LoA	-9,360	0,029	0,287
CHR9	6757527	CHR9:6757527	SSF x Near_LoA	-7,970	0,003	0,276
CHR9	6757621	CHR9:6757621	SSF x Near_LoA	-9,924	-0,116	0,287
CHR9	6766217	CHR9:6766217	SSF x Near_LoA	-7,894	-0,187	0,261
CHR9	6766334	CHR9:6766334	SSF x Near_LoA	-7,944	0,092	0,292
CHR9	6766366	CHR9:6766366	SSF x Near_LoA	-6,731	-0,040	0,289
CHR9	6770035	CHR9:6770035	SSF x Near_LoA	-10,155	0,091	0,284
CHR9	6770076	CHR9:6770076	SSF x Near_LoA	-8,896	-0,025	0,287
CHR9	6770083	CHR9:6770083	SSF x Near_LoA	-8,587	-0,113	0,280
CHR9	6777513	CHR9:6777513	SSF x Near_LoA	-9,933	0,013	0,281

CHR9	6777687	CHR9:6777687	SSF x Near_LoA	-8,919	-0,024	0,288
CHR9	6799002	CHR9:6799002	SSF x Near_LoA	-8,728	0,018	0,295
CHR9	6799179	CHR9:6799179	SSF x Near_LoA	-7,926	-0,049	0,287
CHR9	6825059	CHR9:6825059	SSF x Near_LoA	-6,378	0,107	0,283
CHR9	6851183	CHR9:6851183	SSF x Near_LoA	-10,597	0,036	0,287
CHR9	6881778	CHR9:6881778	SSF x Near_LoA	-9,521	0,056	0,290
CHR9	6881987	CHR9:6881987	SSF x Near_LoA	-8,370	-0,025	0,272
CHR9	6901637	CHR9:6901637	SSF x Near_LoA	-9,101	-0,037	0,290
CHR9	6901648	CHR9:6901648	SSF x Near_LoA	-8,927	-0,051	0,291
CHR9	6901805	CHR9:6901805	SSF x Near_LoA	-10,014	0,069	0,283
CHR9	6901820	CHR9:6901820	SSF x Near_LoA	-9,255	0,025	0,283
CHR9	6935633	CHR9:6935633	SSF x Near_LoA	-7,484	0,070	0,295
CHR9	7019913	CHR9:7019913	SSF x Near_LoA	-9,329	-0,024	0,296
CHR9	7078413	CHR9:7078413	SSF x Near_LoA	-7,022	0,087	0,263
CHR9	7152034	CHR9:7152034	SSF x Near_LoA	-4,513	0,115	0,275
CHR9	7152060	CHR9:7152060	SSF x Near_LoA	-7,635	0,058	0,293
CHR9	7153266	CHR9:7153266	SSF x Near_LoA	-6,095	0,205	0,280
CHR9	7153354	CHR9:7153354	SSF x Near_LoA	-10,136	-0,013	0,308
CHR9	7153475	CHR9:7153475	SSF x Near_LoA	-6,885	0,152	0,290
CHR9	7153487	CHR9:7153487	SSF x Near_LoA	-9,806	0,027	0,283
CHR9	7153515	CHR9:7153515	SSF x Near_LoA	-9,527	-0,044	0,280
CHR9	7184375	CHR9:7184375	SSF x Near_LoA	-7,730	-0,072	0,280
CHR9	7203784	CHR9:7203784	SSF x Near_LoA	0,138	0,103	0,294
CHR9	7203905	CHR9:7203905	SSF x Near_LoA	-8,141	-0,030	0,271
CHR9	7208530	CHR9:7208530	SSF x Near_LoA	-8,517	-0,106	0,281
CHR9	7208618	CHR9:7208618	SSF x Near_LoA	-10,813	0,013	0,276
CHR9	7209798	CHR9:7209798	SSF x Near_LoA	-7,061	-0,142	0,287
CHR9	7209814	CHR9:7209814	SSF x Near_LoA	-8,390	0,012	0,297
CHR9	7209857	CHR9:7209857	SSF x Near_LoA	-10,229	0,013	0,281
CHR9	7213317	CHR9:7213317	SSF x Near_LoA	-9,237	0,083	0,286
CHR9	7213656	CHR9:7213656	SSF x Near_LoA	-7,731	0,081	0,291
CHR9	7213692	CHR9:7213692	SSF x Near_LoA	-5,200	0,129	0,281
CHR9	7217375	CHR9:7217375	SSF x Near_LoA	-9,397	-0,029	0,282
CHR9	7222106	CHR9:7222106	SSF x Near_LoA	-7,956	-0,038	0,273
CHR9	7223648	CHR9:7223648	SSF x Near_LoA	-7,952	-0,063	0,297
CHR9	7223723	CHR9:7223723	SSF x Near_LoA	-9,700	0,007	0,297
CHR9	7239602	CHR9:7239602	SSF x Near_LoA	-5,862	0,156	0,270
CHR9	7239719	CHR9:7239719	SSF x Near_LoA	-10,834	0,044	0,292
CHR9	7239744	CHR9:7239744	SSF x Near_LoA	-7,815	-0,045	0,284
CHR9	7239757	CHR9:7239757	SSF x Near_LoA	-8,996	-0,091	0,297
CHR9	7247615	CHR9:7247615	SSF x Near_LoA	-5,727	0,065	0,288
CHR9	7247759	CHR9:7247759	SSF x Near_LoA	-7,634	0,024	0,278
CHR9	7247768	CHR9:7247768	SSF x Near_LoA	-9,511	-0,005	0,276
CHR9	7247788	CHR9:7247788	SSF x Near_LoA	-8,304	-0,033	0,297
CHR9	7247791	CHR9:7247791	SSF x Near_LoA	-7,094	0,029	0,287
CHR9	7247795	CHR9:7247795	SSF x Near_LoA	-9,889	-0,015	0,287
CHR9	7247800	CHR9:7247800	SSF x Near_LoA	-8,110	-0,033	0,300
CHR9	7247826	CHR9:7247826	SSF x Near_LoA	-9,571	-0,053	0,280
CHR9	7247884	CHR9:7247884	SSF x Near_LoA	-7,774	-0,062	0,290
CHR9	7247922	CHR9:7247922	SSF x Near_LoA	-8,254	0,139	0,276
CHR9	7247966	CHR9:7247966	SSF x Near_LoA	-8,313	-0,036	0,297
CHR9	7257697	CHR9:7257697	SSF x Near_LoA	-9,554	0,032	0,284
CHR9	7257706	CHR9:7257706	SSF x Near_LoA	-7,078	0,075	0,271

CHR9	7260817	CHR9:7260817	SSF x Near_LoA	-8,035	0,029	0,299
CHR9	7260884	CHR9:7260884	SSF x Near_LoA	-10,216	-0,060	0,291
CHR9	7261010	CHR9:7261010	SSF x Near_LoA	-11,088	-0,059	0,273
CHR9	7261060	CHR9:7261060	SSF x Near_LoA	-6,562	0,000	0,304
CHR9	7261115	CHR9:7261115	SSF x Near_LoA	-6,828	-0,083	0,301
CHR9	7279537	CHR9:7279537	SSF x Near_LoA	-5,313	0,073	0,275
CHR9	7279924	CHR9:7279924	SSF x Near_LoA	-8,518	0,093	0,275
CHR9	7280002	CHR9:7280002	SSF x Near_LoA	-7,342	0,059	0,289
CHR9	7286612	CHR9:7286612	SSF x Near_LoA	-6,393	0,145	0,267
CHR9	7286640	CHR9:7286640	SSF x Near_LoA	-7,713	0,023	0,287
CHR9	7307487	CHR9:7307487	SSF x Near_LoA	3,492	-0,077	0,292
CHR9	7344380	CHR9:7344380	SSF x Near_LoA	-7,958	-0,041	0,299
CHR9	7344381	CHR9:7344381	SSF x Near_LoA	-6,818	-0,062	0,304
CHR9	7344433	CHR9:7344433	SSF x Near_LoA	-8,775	-0,039	0,292
CHR9	7344454	CHR9:7344454	SSF x Near_LoA	-9,933	-0,019	0,280
CHR9	7344731	CHR9:7344731	SSF x Near_LoA	-5,613	0,029	0,298
CHR9	7353697	CHR9:7353697	SSF x Near_LoA	-9,346	-0,039	0,296
CHR9	7355805	CHR9:7355805	SSF x Near_LoA	-7,194	-0,008	0,286
CHR9	7355870	CHR9:7355870	SSF x Near_LoA	-7,824	0,002	0,300
CHR9	7367291	CHR9:7367291	SSF x Near_LoA	-4,157	0,219	0,266
CHR9	7384726	CHR9:7384726	SSF x Near_LoA	-7,546	0,034	0,292
CHR9	7384817	CHR9:7384817	SSF x Near_LoA	-8,445	-0,094	0,298
CHR9	7405941	CHR9:7405941	SSF x Near_LoA	-9,818	0,140	0,273
CHR9	7425005	CHR9:7425005	SSF x Near_LoA	-7,841	-0,073	0,269
CHR9	7425026	CHR9:7425026	SSF x Near_LoA	-7,957	-0,110	0,280
CHR9	7425115	CHR9:7425115	SSF x Near_LoA	-7,437	-0,065	0,288
CHR9	7425187	CHR9:7425187	SSF x Near_LoA	-6,570	-0,016	0,291
CHR9	7427003	CHR9:7427003	SSF x Near_LoA	-9,011	-0,017	0,293
CHR9	7429455	CHR9:7429455	SSF x Near_LoA	-9,598	-0,013	0,284
CHR9	7429483	CHR9:7429483	SSF x Near_LoA	-6,708	0,070	0,270
CHR9	7471874	CHR9:7471874	SSF x Near_LoA	-6,467	-0,091	0,297
CHR9	7471968	CHR9:7471968	SSF x Near_LoA	-8,738	-0,058	0,283
CHR9	7472016	CHR9:7472016	SSF x Near_LoA	-8,812	0,019	0,291
CHR9	7472024	CHR9:7472024	SSF x Near_LoA	-10,210	-0,032	0,291
CHR9	7472026	CHR9:7472026	SSF x Near_LoA	-8,837	0,035	0,286
CHR9	7472044	CHR9:7472044	SSF x Near_LoA	-9,220	0,004	0,298
CHR9	7472049	CHR9:7472049	SSF x Near_LoA	-10,173	0,002	0,296
CHR9	7472052	CHR9:7472052	SSF x Near_LoA	-9,132	0,022	0,279
CHR9	7472065	CHR9:7472065	SSF x Near_LoA	-8,047	-0,033	0,270
CHR9	7476251	CHR9:7476251	SSF x Near_LoA	-9,277	0,024	0,289
CHR9	7476267	CHR9:7476267	SSF x Near_LoA	-7,282	-0,099	0,277
CHR9	7476315	CHR9:7476315	SSF x Near_LoA	-8,555	0,147	0,271
CHR9	7476370	CHR9:7476370	SSF x Near_LoA	-8,811	-0,026	0,271
CHR9	7476417	CHR9:7476417	SSF x Near_LoA	-8,461	-0,122	0,280
CHR9	7498757	CHR9:7498757	SSF x Near_LoA	-7,959	0,001	0,278
CHR9	7498833	CHR9:7498833	SSF x Near_LoA	-6,252	0,139	0,274
CHR9	7498856	CHR9:7498856	SSF x Near_LoA	-8,025	-0,079	0,286
CHR9	7499652	CHR9:7499652	SSF x Near_LoA	-8,689	-0,087	0,281
CHR9	7501336	CHR9:7501336	SSF x Near_LoA	-7,995	-0,013	0,298
CHR9	7501451	CHR9:7501451	SSF x Near_LoA	-7,752	-0,040	0,296
CHR9	7501480	CHR9:7501480	SSF x Near_LoA	-8,564	0,017	0,285
CHR9	7512911	CHR9:7512911	SSF x Near_LoA	-11,038	-0,035	0,286
CHR9	7513117	CHR9:7513117	SSF x Near_LoA	-7,750	0,126	0,298

CHR9	7513241	CHR9:7513241	SSF x Near_LoA	-6,984	-0,050	0,291
CHR9	7519951	CHR9:7519951	SSF x Near_LoA	-9,535	0,005	0,276
CHR9	7519990	CHR9:7519990	SSF x Near_LoA	-7,085	0,070	0,280
CHR9	7520044	CHR9:7520044	SSF x Near_LoA	-8,680	-0,035	0,282
CHR9	7520152	CHR9:7520152	SSF x Near_LoA	-7,825	0,005	0,292
CHR9	7520216	CHR9:7520216	SSF x Near_LoA	-7,920	0,042	0,303
CHR9	7536163	CHR9:7536163	SSF x Near_LoA	-8,359	-0,004	0,291
CHR9	7536219	CHR9:7536219	SSF x Near_LoA	-7,209	0,021	0,272
CHR9	7536221	CHR9:7536221	SSF x Near_LoA	-6,840	0,045	0,274
CHR9	7536222	CHR9:7536222	SSF x Near_LoA	-8,012	0,020	0,275
CHR9	7536223	CHR9:7536223	SSF x Near_LoA	-7,344	0,034	0,280
CHR9	7536253	CHR9:7536253	SSF x Near_LoA	-8,572	-0,021	0,300
CHR9	7536289	CHR9:7536289	SSF x Near_LoA	-7,761	-0,009	0,295
CHR9	7555512	CHR9:7555512	SSF x Near_LoA	-6,089	0,052	0,288
CHR9	7568989	CHR9:7568989	SSF x Near_LoA	-10,068	-0,046	0,285
CHR9	7569036	CHR9:7569036	SSF x Near_LoA	-8,208	0,113	0,283
CHR9	7569054	CHR9:7569054	SSF x Near_LoA	-5,077	0,099	0,291
CHR9	7584633	CHR9:7584633	SSF x Near_LoA	-7,814	-0,160	0,280
CHR9	7584732	CHR9:7584732	SSF x Near_LoA	-3,220	-0,221	0,278
CHR9	7584794	CHR9:7584794	SSF x Near_LoA	-10,318	-0,054	0,286
CHR9	7584824	CHR9:7584824	SSF x Near_LoA	-1,332	-0,078	0,288
CHR9	7584891	CHR9:7584891	SSF x Near_LoA	-9,757	-0,050	0,273
CHR9	7599701	CHR9:7599701	SSF x Near_LoA	-9,264	0,026	0,288
CHR9	7599709	CHR9:7599709	SSF x Near_LoA	-8,216	0,016	0,286
CHR9	7599809	CHR9:7599809	SSF x Near_LoA	-8,580	0,106	0,283
CHR9	7628988	CHR9:7628988	SSF x Near_LoA	-8,080	-0,016	0,273
CHR9	7629007	CHR9:7629007	SSF x Near_LoA	-5,416	0,007	0,277
CHR9	7629022	CHR9:7629022	SSF x Near_LoA	-7,529	0,039	0,276
CHR9	7629035	CHR9:7629035	SSF x Near_LoA	-5,206	-0,033	0,263
CHR9	7629042	CHR9:7629042	SSF x Near_LoA	4,084	0,028	0,293
CHR9	7629115	CHR9:7629115	SSF x Near_LoA	-7,704	-0,072	0,276
CHR9	7629123	CHR9:7629123	SSF x Near_LoA	-6,122	-0,133	0,271
CHR9	7629148	CHR9:7629148	SSF x Near_LoA	-6,558	-0,102	0,285
CHR9	7629150	CHR9:7629150	SSF x Near_LoA	-6,707	-0,123	0,272
CHR9	7629188	CHR9:7629188	SSF x Near_LoA	3,701	-0,190	0,269
CHR9	7693927	CHR9:7693927	SSF x Near_LoA	-6,117	0,019	0,295
CHR9	7703535	CHR9:7703535	SSF x Near_LoA	-7,190	0,064	0,294
CHR9	7704015	CHR9:7704015	SSF x Near_LoA	-8,411	-0,027	0,300
CHR9	7708958	CHR9:7708958	SSF x Near_LoA	-5,865	-0,117	0,295
CHR9	7708979	CHR9:7708979	SSF x Near_LoA	-6,707	-0,134	0,288
CHR9	7709072	CHR9:7709072	SSF x Near_LoA	-7,811	-0,065	0,303
CHR9	7709123	CHR9:7709123	SSF x Near_LoA	-7,750	-0,039	0,302
CHR9	7709165	CHR9:7709165	SSF x Near_LoA	-7,747	-0,076	0,280
CHR9	7710686	CHR9:7710686	SSF x Near_LoA	-8,699	-0,001	0,276
CHR9	7710790	CHR9:7710790	SSF x Near_LoA	-9,611	0,067	0,290
CHR9	7710805	CHR9:7710805	SSF x Near_LoA	-9,673	0,037	0,278
CHR9	7746964	CHR9:7746964	SSF x Near_LoA	-7,617	0,095	0,283
CHR9	7747084	CHR9:7747084	SSF x Near_LoA	-9,102	-0,009	0,287
CHR9	7747087	CHR9:7747087	SSF x Near_LoA	-7,590	-0,095	0,280
CHR9	7747097	CHR9:7747097	SSF x Near_LoA	-3,459	-0,112	0,290
CHR9	7747099	CHR9:7747099	SSF x Near_LoA	-5,353	0,051	0,279
CHR9	7750611	CHR9:7750611	SSF x Near_LoA	-8,067	-0,003	0,282
CHR9	7750800	CHR9:7750800	SSF x Near_LoA	-6,227	-0,112	0,276

CHR9	7750880	CHR9:7750880	SSF x Near_LoA	-11,034	-0,056	0,277
CHR9	7769417	CHR9:7769417	SSF x Near_LoA	-9,606	0,038	0,297
CHR9	7778303	CHR9:7778303	SSF x Near_LoA	-8,400	0,019	0,293
CHR9	7778471	CHR9:7778471	SSF x Near_LoA	-10,196	-0,022	0,293
CHR9	7810767	CHR9:7810767	SSF x Near_LoA	-6,949	-0,024	0,306
CHR9	7824116	CHR9:7824116	SSF x Near_LoA	-8,452	0,067	0,298
CHR9	7824208	CHR9:7824208	SSF x Near_LoA	-8,703	0,021	0,275
CHR9	7824222	CHR9:7824222	SSF x Near_LoA	-9,303	0,026	0,268
CHR9	7824297	CHR9:7824297	SSF x Near_LoA	-7,563	-0,176	0,279
CHR9	7825165	CHR9:7825165	SSF x Near_LoA	-8,422	0,022	0,298
CHR9	7864157	CHR9:7864157	SSF x Near_LoA	-6,915	-0,142	0,282
CHR9	7864208	CHR9:7864208	SSF x Near_LoA	-4,178	-0,140	0,292
CHR9	7864979	CHR9:7864979	SSF x Near_LoA	-4,140	-0,206	0,267
CHR9	7865038	CHR9:7865038	SSF x Near_LoA	-8,196	-0,104	0,277
CHR9	7865047	CHR9:7865047	SSF x Near_LoA	-6,147	-0,100	0,302
CHR9	7865089	CHR9:7865089	SSF x Near_LoA	-5,464	0,117	0,289
CHR9	7875327	CHR9:7875327	SSF x Near_LoA	-6,270	0,158	0,289
CHR9	7878960	CHR9:7878960	SSF x Near_LoA	-6,882	-0,133	0,294
CHR9	7879036	CHR9:7879036	SSF x Near_LoA	-7,913	0,158	0,276
CHR9	7879067	CHR9:7879067	SSF x Near_LoA	-3,505	0,281	0,268
CHR9	7879193	CHR9:7879193	SSF x Near_LoA	-10,472	-0,063	0,274
CHR9	7886371	CHR9:7886371	SSF x Near_LoA	-7,025	-0,128	0,273
CHR9	7886509	CHR9:7886509	SSF x Near_LoA	-10,492	-0,019	0,294
CHR9	7918277	CHR9:7918277	SSF x Near_LoA	-7,959	0,008	0,290
CHR9	7918328	CHR9:7918328	SSF x Near_LoA	-8,704	0,052	0,272
CHR9	7918385	CHR9:7918385	SSF x Near_LoA	-8,096	0,080	0,269
CHR9	7924	CHR9:7924	SSF x Near_LoA	-7,227	-0,003	0,314
CHR9	7933171	CHR9:7933171	SSF x Near_LoA	-9,760	-0,075	0,293
CHR9	7939601	CHR9:7939601	SSF x Near_LoA	-7,523	-0,003	0,294
CHR9	7944395	CHR9:7944395	SSF x Near_LoA	-9,165	0,000	0,300
CHR9	7944536	CHR9:7944536	SSF x Near_LoA	-9,589	0,046	0,297
CHR9	7944557	CHR9:7944557	SSF x Near_LoA	-8,043	0,018	0,296
CHR9	7946112	CHR9:7946112	SSF x Near_LoA	-6,504	0,091	0,272
CHR9	7949197	CHR9:7949197	SSF x Near_LoA	-4,825	0,018	0,303
CHR9	7949359	CHR9:7949359	SSF x Near_LoA	-9,698	-0,088	0,284
CHR9	7952623	CHR9:7952623	SSF x Near_LoA	-8,503	0,004	0,295
CHR9	7952933	CHR9:7952933	SSF x Near_LoA	-3,234	-0,122	0,277
CHR9	7964841	CHR9:7964841	SSF x Near_LoA	-7,547	0,072	0,274
CHR9	7964858	CHR9:7964858	SSF x Near_LoA	-8,603	0,070	0,269
CHR9	7964930	CHR9:7964930	SSF x Near_LoA	-6,992	0,168	0,273
CHR9	7965015	CHR9:7965015	SSF x Near_LoA	-7,808	-0,116	0,283
CHR9	7965046	CHR9:7965046	SSF x Near_LoA	-9,308	0,108	0,273
CHR9	7967292	CHR9:7967292	SSF x Near_LoA	-2,191	-0,099	0,280
CHR9	7978742	CHR9:7978742	SSF x Near_LoA	-6,619	-0,183	0,274
CHR9	7978788	CHR9:7978788	SSF x Near_LoA	-5,982	0,154	0,291
CHR9	7980067	CHR9:7980067	SSF x Near_LoA	-8,919	-0,049	0,280
CHR9	7980140	CHR9:7980140	SSF x Near_LoA	-7,660	-0,026	0,289
CHR9	7983137	CHR9:7983137	SSF x Near_LoA	0,634	-0,246	0,259
CHR9	7983148	CHR9:7983148	SSF x Near_LoA	-9,827	-0,060	0,280
CHR9	7984792	CHR9:7984792	SSF x Near_LoA	-9,311	-0,116	0,282
CHR9	7984803	CHR9:7984803	SSF x Near_LoA	-7,977	-0,042	0,293
CHR9	7984843	CHR9:7984843	SSF x Near_LoA	-6,983	0,100	0,275
CHR9	7984871	CHR9:7984871	SSF x Near_LoA	-5,413	0,100	0,281

CHR9	7993392	CHR9:7993392	SSF x Near_LoA	-5,549	0,004	0,284
CHR9	8023772	CHR9:8023772	SSF x Near_LoA	-5,744	-0,048	0,305
CHR9	8023790	CHR9:8023790	SSF x Near_LoA	-7,235	-0,071	0,289
CHR9	8023898	CHR9:8023898	SSF x Near_LoA	-7,625	0,134	0,278
CHR9	8024016	CHR9:8024016	SSF x Near_LoA	1,267	-0,185	0,277
CHR9	8024176	CHR9:8024176	SSF x Near_LoA	-6,859	0,163	0,273
CHR9	8052753	CHR9:8052753	SSF x Near_LoA	-4,677	-0,132	0,272
CHR9	8052774	CHR9:8052774	SSF x Near_LoA	-7,599	0,006	0,296
CHR9	8052779	CHR9:8052779	SSF x Near_LoA	-8,293	0,006	0,282
CHR9	8052820	CHR9:8052820	SSF x Near_LoA	-7,667	-0,070	0,297
CHR9	8052871	CHR9:8052871	SSF x Near_LoA	-7,006	-0,090	0,295
CHR9	8052908	CHR9:8052908	SSF x Near_LoA	-8,152	-0,133	0,284
CHR9	8052946	CHR9:8052946	SSF x Near_LoA	-7,167	-0,038	0,294
CHR9	8082272	CHR9:8082272	SSF x Near_LoA	-9,302	-0,028	0,294
CHR9	8082276	CHR9:8082276	SSF x Near_LoA	-7,464	0,024	0,282
CHR9	8082314	CHR9:8082314	SSF x Near_LoA	-7,441	-0,085	0,285
CHR9	8082325	CHR9:8082325	SSF x Near_LoA	-8,682	0,003	0,277
CHR9	8082379	CHR9:8082379	SSF x Near_LoA	-6,149	-0,002	0,270
CHR9	8082409	CHR9:8082409	SSF x Near_LoA	-7,732	0,154	0,284
CHR9	8082438	CHR9:8082438	SSF x Near_LoA	-8,491	0,032	0,275
CHR9	8084514	CHR9:8084514	SSF x Near_LoA	-8,262	-0,001	0,270
CHR9	8084597	CHR9:8084597	SSF x Near_LoA	-7,146	0,038	0,278
CHR9	8108214	CHR9:8108214	SSF x Near_LoA	-4,878	-0,190	0,282
CHR9	8108526	CHR9:8108526	SSF x Near_LoA	-9,923	-0,013	0,292
CHR9	8108550	CHR9:8108550	SSF x Near_LoA	-9,745	-0,037	0,279
CHR9	8115442	CHR9:8115442	SSF x Near_LoA	-6,484	-0,137	0,284
CHR9	8115541	CHR9:8115541	SSF x Near_LoA	-9,540	-0,062	0,288
CHR9	8115635	CHR9:8115635	SSF x Near_LoA	-7,857	-0,037	0,298
CHR9	8115640	CHR9:8115640	SSF x Near_LoA	-8,058	-0,044	0,298
CHR9	8115709	CHR9:8115709	SSF x Near_LoA	-7,779	0,119	0,289
CHR9	8121986	CHR9:8121986	SSF x Near_LoA	-6,585	0,041	0,288
CHR9	8121995	CHR9:8121995	SSF x Near_LoA	-5,201	-0,051	0,287
CHR9	8122002	CHR9:8122002	SSF x Near_LoA	-5,936	-0,081	0,287
CHR9	8122062	CHR9:8122062	SSF x Near_LoA	-6,424	-0,030	0,298
CHR9	8135238	CHR9:8135238	SSF x Near_LoA	-10,798	0,019	0,291
CHR9	8135270	CHR9:8135270	SSF x Near_LoA	-6,051	-0,076	0,283
CHR9	8135315	CHR9:8135315	SSF x Near_LoA	-8,116	0,080	0,268
CHR9	8135344	CHR9:8135344	SSF x Near_LoA	-8,978	0,103	0,283
CHR9	8135393	CHR9:8135393	SSF x Near_LoA	-9,983	0,017	0,284
CHR9	8135468	CHR9:8135468	SSF x Near_LoA	-5,312	-0,083	0,295
CHR9	8135479	CHR9:8135479	SSF x Near_LoA	-7,936	-0,081	0,278
CHR9	8144860	CHR9:8144860	SSF x Near_LoA	-7,019	-0,133	0,292
CHR9	8144896	CHR9:8144896	SSF x Near_LoA	2,357	-0,096	0,303
CHR9	8144932	CHR9:8144932	SSF x Near_LoA	-5,434	-0,141	0,288
CHR9	8144940	CHR9:8144940	SSF x Near_LoA	-8,118	-0,099	0,286
CHR9	8145050	CHR9:8145050	SSF x Near_LoA	-9,084	0,015	0,290
CHR9	8161079	CHR9:8161079	SSF x Near_LoA	-10,507	-0,016	0,285
CHR9	8162967	CHR9:8162967	SSF x Near_LoA	-8,030	0,115	0,275
CHR9	8163015	CHR9:8163015	SSF x Near_LoA	-4,752	-0,148	0,280
CHR9	8163024	CHR9:8163024	SSF x Near_LoA	-5,839	-0,155	0,271
CHR9	8163039	CHR9:8163039	SSF x Near_LoA	-7,728	-0,112	0,277
CHR9	8163075	CHR9:8163075	SSF x Near_LoA	-7,664	0,038	0,277
CHR9	8163086	CHR9:8163086	SSF x Near_LoA	-7,871	-0,060	0,284

CHR9	8163096	CHR9:8163096	SSF x Near_LoA	-6,687	-0,031	0,288
CHR9	8163108	CHR9:8163108	SSF x Near_LoA	-9,094	0,048	0,293
CHR9	8163111	CHR9:8163111	SSF x Near_LoA	-9,652	-0,126	0,280
CHR9	8163121	CHR9:8163121	SSF x Near_LoA	-9,146	-0,075	0,281
CHR9	8163159	CHR9:8163159	SSF x Near_LoA	-6,914	0,068	0,280
CHR9	8185091	CHR9:8185091	SSF x Near_LoA	-9,801	-0,087	0,291
CHR9	8185111	CHR9:8185111	SSF x Near_LoA	-9,036	0,004	0,291
CHR9	8185119	CHR9:8185119	SSF x Near_LoA	-10,449	0,054	0,281
CHR9	8198436	CHR9:8198436	SSF x Near_LoA	-5,238	-0,152	0,287
CHR9	8235065	CHR9:8235065	SSF x Near_LoA	-8,684	0,125	0,289
CHR9	8240975	CHR9:8240975	SSF x Near_LoA	-8,621	0,068	0,280
CHR9	8241003	CHR9:8241003	SSF x Near_LoA	-7,582	0,092	0,294
CHR9	8241077	CHR9:8241077	SSF x Near_LoA	-8,386	-0,007	0,292
CHR9	8253254	CHR9:8253254	SSF x Near_LoA	-9,421	0,039	0,288
CHR9	8253486	CHR9:8253486	SSF x Near_LoA	-7,322	-0,019	0,275
CHR9	8253554	CHR9:8253554	SSF x Near_LoA	-6,528	-0,107	0,278
CHR9	8253560	CHR9:8253560	SSF x Near_LoA	-7,322	-0,016	0,279
CHR9	8258587	CHR9:8258587	SSF x Near_LoA	-8,429	0,084	0,283
CHR9	8258589	CHR9:8258589	SSF x Near_LoA	-7,523	-0,093	0,292
CHR9	8258602	CHR9:8258602	SSF x Near_LoA	-9,366	0,089	0,278
CHR9	8258789	CHR9:8258789	SSF x Near_LoA	-10,066	0,027	0,281
CHR9	8258806	CHR9:8258806	SSF x Near_LoA	-7,067	0,118	0,292
CHR9	8258907	CHR9:8258907	SSF x Near_LoA	-7,909	0,065	0,291
CHR9	8265942	CHR9:8265942	SSF x Near_LoA	-6,114	0,142	0,279
CHR9	8265949	CHR9:8265949	SSF x Near_LoA	-7,565	0,048	0,288
CHR9	8265963	CHR9:8265963	SSF x Near_LoA	-6,542	0,126	0,281
CHR9	8265964	CHR9:8265964	SSF x Near_LoA	-6,949	0,115	0,274
CHR9	8267274	CHR9:8267274	SSF x Near_LoA	-7,047	-0,195	0,271
CHR9	8290222	CHR9:8290222	SSF x Near_LoA	-6,931	0,154	0,270
CHR9	8290259	CHR9:8290259	SSF x Near_LoA	-5,090	0,151	0,275
CHR9	8310337	CHR9:8310337	SSF x Near_LoA	-9,166	-0,137	0,295
CHR9	8312435	CHR9:8312435	SSF x Near_LoA	-5,824	0,094	0,290
CHR9	8312453	CHR9:8312453	SSF x Near_LoA	-8,777	0,028	0,293
CHR9	8312467	CHR9:8312467	SSF x Near_LoA	-7,460	-0,108	0,281
CHR9	8312495	CHR9:8312495	SSF x Near_LoA	-6,914	0,031	0,279
CHR9	8312523	CHR9:8312523	SSF x Near_LoA	-6,728	0,122	0,274
CHR9	8312640	CHR9:8312640	SSF x Near_LoA	-6,910	0,154	0,267
CHR9	8312664	CHR9:8312664	SSF x Near_LoA	-5,243	0,164	0,278
CHR9	8317240	CHR9:8317240	SSF x Near_LoA	-8,494	0,080	0,287
CHR9	8331599	CHR9:8331599	SSF x Near_LoA	-8,040	-0,083	0,269
CHR9	8331607	CHR9:8331607	SSF x Near_LoA	-10,238	0,025	0,290
CHR9	8331708	CHR9:8331708	SSF x Near_LoA	-5,218	0,127	0,280
CHR9	8331810	CHR9:8331810	SSF x Near_LoA	-8,549	-0,046	0,291
CHR9	8431019	CHR9:8431019	SSF x Near_LoA	-4,086	-0,193	0,273
CHR9	8431034	CHR9:8431034	SSF x Near_LoA	-8,015	0,160	0,290
CHR9	8452171	CHR9:8452171	SSF x Near_LoA	-4,602	0,054	0,280
CHR9	8480498	CHR9:8480498	SSF x Near_LoA	-9,439	-0,025	0,287
CHR9	8480556	CHR9:8480556	SSF x Near_LoA	-6,129	0,057	0,280
CHR9	8480604	CHR9:8480604	SSF x Near_LoA	-8,278	-0,091	0,283
CHR9	8480616	CHR9:8480616	SSF x Near_LoA	-6,359	0,021	0,286
CHR9	8480678	CHR9:8480678	SSF x Near_LoA	-9,363	0,046	0,277
CHR9	8480774	CHR9:8480774	SSF x Near_LoA	-7,424	-0,076	0,276
CHR9	8485838	CHR9:8485838	SSF x Near_LoA	-9,158	0,087	0,282

CHR9	8485880	CHR9:8485880	SSF x Near_LoA	-6,217	-0,163	0,288
CHR9	8488444	CHR9:8488444	SSF x Near_LoA	-7,502	0,082	0,280
CHR9	8488504	CHR9:8488504	SSF x Near_LoA	-6,561	0,130	0,276
CHR9	8488533	CHR9:8488533	SSF x Near_LoA	-8,343	0,108	0,289
CHR9	8502706	CHR9:8502706	SSF x Near_LoA	-8,154	-0,018	0,295
CHR9	8511098	CHR9:8511098	SSF x Near_LoA	-10,420	-0,022	0,279
CHR9	8537534	CHR9:8537534	SSF x Near_LoA	-10,505	0,053	0,292
CHR9	8543458	CHR9:8543458	SSF x Near_LoA	-8,496	0,087	0,289
CHR9	8543545	CHR9:8543545	SSF x Near_LoA	-10,445	-0,036	0,285
CHR9	8543666	CHR9:8543666	SSF x Near_LoA	-9,968	-0,125	0,274
CHR9	8550418	CHR9:8550418	SSF x Near_LoA	-10,902	-0,015	0,272
CHR9	8550453	CHR9:8550453	SSF x Near_LoA	-7,337	-0,003	0,277
CHR9	855285	CHR9:855285	SSF x Near_LoA	-9,437	0,066	0,271
CHR9	855434	CHR9:855434	SSF x Near_LoA	-8,271	-0,115	0,286
CHR9	8581787	CHR9:8581787	SSF x Near_LoA	-8,281	0,057	0,293
CHR9	8581808	CHR9:8581808	SSF x Near_LoA	-8,348	-0,117	0,286
CHR9	8581873	CHR9:8581873	SSF x Near_LoA	-4,410	0,191	0,253
CHR9	8581896	CHR9:8581896	SSF x Near_LoA	-8,640	-0,168	0,275
CHR9	8581962	CHR9:8581962	SSF x Near_LoA	-5,539	0,202	0,268
CHR9	8582003	CHR9:8582003	SSF x Near_LoA	-7,715	-0,027	0,289
CHR9	8582020	CHR9:8582020	SSF x Near_LoA	-8,504	0,028	0,286
CHR9	8590926	CHR9:8590926	SSF x Near_LoA	-9,707	0,047	0,281
CHR9	860622	CHR9:860622	SSF x Near_LoA	-7,949	0,076	0,288
CHR9	8608728	CHR9:8608728	SSF x Near_LoA	-6,902	-0,132	0,288
CHR9	8609033	CHR9:8609033	SSF x Near_LoA	-7,992	0,040	0,290
CHR9	8611543	CHR9:8611543	SSF x Near_LoA	-9,919	-0,062	0,281
CHR9	8634228	CHR9:8634228	SSF x Near_LoA	-8,951	0,009	0,295
CHR9	8634353	CHR9:8634353	SSF x Near_LoA	-8,665	-0,103	0,276
CHR9	8634512	CHR9:8634512	SSF x Near_LoA	-9,452	0,025	0,276
CHR9	8634564	CHR9:8634564	SSF x Near_LoA	-8,774	0,039	0,278
CHR9	8650253	CHR9:8650253	SSF x Near_LoA	-8,898	-0,040	0,290
CHR9	8650296	CHR9:8650296	SSF x Near_LoA	-9,595	-0,003	0,285
CHR9	8650419	CHR9:8650419	SSF x Near_LoA	-7,008	-0,037	0,287
CHR9	866345	CHR9:866345	SSF x Near_LoA	-8,293	0,004	0,277
CHR9	8680021	CHR9:8680021	SSF x Near_LoA	-3,421	0,186	0,273
CHR9	8700716	CHR9:8700716	SSF x Near_LoA	-8,243	0,017	0,281
CHR9	8701641	CHR9:8701641	SSF x Near_LoA	-9,360	-0,017	0,280
CHR9	8711141	CHR9:8711141	SSF x Near_LoA	-8,082	-0,077	0,283
CHR9	8721005	CHR9:8721005	SSF x Near_LoA	-7,290	0,168	0,279
CHR9	8721034	CHR9:8721034	SSF x Near_LoA	-9,172	-0,076	0,280
CHR9	8732840	CHR9:8732840	SSF x Near_LoA	-7,076	-0,003	0,278
CHR9	8766020	CHR9:8766020	SSF x Near_LoA	-10,333	-0,055	0,281
CHR9	8766026	CHR9:8766026	SSF x Near_LoA	-9,071	-0,049	0,288
CHR9	8766109	CHR9:8766109	SSF x Near_LoA	-6,694	-0,121	0,286
CHR9	8781756	CHR9:8781756	SSF x Near_LoA	-9,474	-0,023	0,275
CHR9	8789832	CHR9:8789832	SSF x Near_LoA	-7,009	0,135	0,274
CHR9	8792220	CHR9:8792220	SSF x Near_LoA	-7,344	-0,046	0,280
CHR9	8792311	CHR9:8792311	SSF x Near_LoA	-7,285	0,017	0,315
CHR9	8820152	CHR9:8820152	SSF x Near_LoA	-8,228	0,011	0,288
CHR9	8820206	CHR9:8820206	SSF x Near_LoA	-8,732	0,034	0,274
CHR9	8820270	CHR9:8820270	SSF x Near_LoA	-7,708	0,034	0,284
CHR9	8820304	CHR9:8820304	SSF x Near_LoA	-8,876	-0,121	0,287
CHR9	8820341	CHR9:8820341	SSF x Near_LoA	-6,147	0,039	0,282

CHR9	8833272	CHR9:8833272	SSF x Near_LoA	-5,604	0,165	0,279
CHR9	8837929	CHR9:8837929	SSF x Near_LoA	-9,408	0,010	0,286
CHR9	8838054	CHR9:8838054	SSF x Near_LoA	-7,591	-0,009	0,276
CHR9	8838059	CHR9:8838059	SSF x Near_LoA	-7,870	0,002	0,280
CHR9	888823	CHR9:888823	SSF x Near_LoA	-6,930	0,110	0,280
CHR9	888847	CHR9:888847	SSF x Near_LoA	-5,190	-0,138	0,292
CHR9	888875	CHR9:888875	SSF x Near_LoA	-6,580	0,109	0,281
CHR9	889188	CHR9:889188	SSF x Near_LoA	-7,201	0,111	0,308
CHR9	8917236	CHR9:8917236	SSF x Near_LoA	-5,734	0,179	0,274
CHR9	8917446	CHR9:8917446	SSF x Near_LoA	-9,405	-0,102	0,289
CHR9	8930062	CHR9:8930062	SSF x Near_LoA	-8,573	0,078	0,292
CHR9	8930065	CHR9:8930065	SSF x Near_LoA	-7,009	-0,125	0,290
CHR9	8930083	CHR9:8930083	SSF x Near_LoA	-6,286	0,134	0,303
CHR9	8930211	CHR9:8930211	SSF x Near_LoA	-7,777	0,053	0,280
CHR9	8940746	CHR9:8940746	SSF x Near_LoA	-8,939	0,152	0,289
CHR9	8940763	CHR9:8940763	SSF x Near_LoA	-6,546	-0,120	0,280
CHR9	894229	CHR9:894229	SSF x Near_LoA	-8,013	0,081	0,288
CHR9	894230	CHR9:894230	SSF x Near_LoA	2,064	0,096	0,295
CHR9	894282	CHR9:894282	SSF x Near_LoA	-7,741	-0,011	0,282
CHR9	894348	CHR9:894348	SSF x Near_LoA	-10,181	-0,095	0,277
CHR9	8943946	CHR9:8943946	SSF x Near_LoA	-5,708	-0,029	0,301
CHR9	8960163	CHR9:8960163	SSF x Near_LoA	-5,609	0,137	0,265
CHR9	8962794	CHR9:8962794	SSF x Near_LoA	-9,236	-0,008	0,298
CHR9	8964112	CHR9:8964112	SSF x Near_LoA	-8,533	-0,064	0,283
CHR9	8964150	CHR9:8964150	SSF x Near_LoA	-7,359	-0,093	0,289
CHR9	8972407	CHR9:8972407	SSF x Near_LoA	-2,378	0,257	0,272
CHR9	8972502	CHR9:8972502	SSF x Near_LoA	-7,756	0,155	0,285
CHR9	8972545	CHR9:8972545	SSF x Near_LoA	3,115	0,284	0,247
CHR9	8981612	CHR9:8981612	SSF x Near_LoA	-6,071	-0,112	0,295
CHR9	8981643	CHR9:8981643	SSF x Near_LoA	-7,843	0,055	0,294
CHR9	8988373	CHR9:8988373	SSF x Near_LoA	-9,484	-0,052	0,289
CHR9	8988386	CHR9:8988386	SSF x Near_LoA	-9,379	-0,007	0,296
CHR9	8988400	CHR9:8988400	SSF x Near_LoA	-8,468	0,057	0,292
CHR9	8989815	CHR9:8989815	SSF x Near_LoA	-5,786	-0,146	0,291
CHR9	900609	CHR9:900609	SSF x Near_LoA	-10,083	0,078	0,290
CHR9	900654	CHR9:900654	SSF x Near_LoA	-8,811	0,052	0,290
CHR9	900701	CHR9:900701	SSF x Near_LoA	-9,085	0,130	0,293
CHR9	900742	CHR9:900742	SSF x Near_LoA	-6,968	-0,055	0,274
CHR9	9009987	CHR9:9009987	SSF x Near_LoA	-10,484	-0,026	0,288
CHR9	9010063	CHR9:9010063	SSF x Near_LoA	-8,624	0,073	0,276
CHR9	9010234	CHR9:9010234	SSF x Near_LoA	-4,524	-0,177	0,283
CHR9	9010239	CHR9:9010239	SSF x Near_LoA	-8,606	-0,032	0,300
CHR9	9025486	CHR9:9025486	SSF x Near_LoA	-5,798	0,081	0,285
CHR9	9025488	CHR9:9025488	SSF x Near_LoA	-5,353	-0,094	0,294
CHR9	9025497	CHR9:9025497	SSF x Near_LoA	-7,822	0,077	0,283
CHR9	9025502	CHR9:9025502	SSF x Near_LoA	-6,941	-0,071	0,296
CHR9	9025508	CHR9:9025508	SSF x Near_LoA	-5,591	-0,083	0,291
CHR9	903613	CHR9:903613	SSF x Near_LoA	-9,725	0,079	0,291
CHR9	903666	CHR9:903666	SSF x Near_LoA	-5,040	-0,105	0,285
CHR9	9044403	CHR9:9044403	SSF x Near_LoA	-8,447	-0,020	0,295
CHR9	9045779	CHR9:9045779	SSF x Near_LoA	-7,820	-0,003	0,280
CHR9	9045803	CHR9:9045803	SSF x Near_LoA	-11,033	-0,026	0,282
CHR9	9045833	CHR9:9045833	SSF x Near_LoA	-7,593	0,068	0,280

CHR9	9058287	CHR9:9058287	SSF x Near_LoA	-8,311	0,134	0,279
CHR9	9065653	CHR9:9065653	SSF x Near_LoA	-6,298	0,124	0,285
CHR9	9065673	CHR9:9065673	SSF x Near_LoA	-6,093	0,157	0,281
CHR9	9065683	CHR9:9065683	SSF x Near_LoA	-7,848	-0,114	0,293
CHR9	9065686	CHR9:9065686	SSF x Near_LoA	-6,000	0,125	0,276
CHR9	9077698	CHR9:9077698	SSF x Near_LoA	-7,756	0,099	0,292
CHR9	9077735	CHR9:9077735	SSF x Near_LoA	-9,446	0,070	0,288
CHR9	9077773	CHR9:9077773	SSF x Near_LoA	-10,102	0,001	0,294
CHR9	9096716	CHR9:9096716	SSF x Near_LoA	-8,508	0,015	0,290
CHR9	9096791	CHR9:9096791	SSF x Near_LoA	-4,279	-0,230	0,277
CHR9	9096822	CHR9:9096822	SSF x Near_LoA	-9,709	0,081	0,297
CHR9	9096863	CHR9:9096863	SSF x Near_LoA	-7,364	-0,118	0,287
CHR9	9096883	CHR9:9096883	SSF x Near_LoA	-7,783	0,141	0,286
CHR9	9098134	CHR9:9098134	SSF x Near_LoA	-6,894	0,042	0,288
CHR9	9098204	CHR9:9098204	SSF x Near_LoA	-9,795	-0,054	0,294
CHR9	9106645	CHR9:9106645	SSF x Near_LoA	-10,269	0,024	0,298
CHR9	9106653	CHR9:9106653	SSF x Near_LoA	-8,834	0,061	0,288
CHR9	9120649	CHR9:9120649	SSF x Near_LoA	-6,657	0,045	0,293
CHR9	9120654	CHR9:9120654	SSF x Near_LoA	-5,519	0,083	0,300
CHR9	9120663	CHR9:9120663	SSF x Near_LoA	-7,408	0,086	0,293
CHR9	9120709	CHR9:9120709	SSF x Near_LoA	-7,796	0,106	0,279
CHR9	9120736	CHR9:9120736	SSF x Near_LoA	-6,708	0,082	0,287
CHR9	9124963	CHR9:9124963	SSF x Near_LoA	1,370	0,046	0,296
CHR9	9125129	CHR9:9125129	SSF x Near_LoA	-5,406	-0,132	0,290
CHR9	9125179	CHR9:9125179	SSF x Near_LoA	-7,806	0,010	0,299
CHR9	913009	CHR9:913009	SSF x Near_LoA	-6,899	0,044	0,304
CHR9	913052	CHR9:913052	SSF x Near_LoA	-8,194	0,010	0,283
CHR9	913230	CHR9:913230	SSF x Near_LoA	-7,427	-0,124	0,278
CHR9	9145392	CHR9:9145392	SSF x Near_LoA	-7,011	-0,104	0,295
CHR9	9145550	CHR9:9145550	SSF x Near_LoA	-8,542	-0,077	0,286
CHR9	9145578	CHR9:9145578	SSF x Near_LoA	-10,133	0,043	0,279
CHR9	9145677	CHR9:9145677	SSF x Near_LoA	-7,861	0,031	0,302
CHR9	9145751	CHR9:9145751	SSF x Near_LoA	-6,684	-0,082	0,298
CHR9	914938	CHR9:914938	SSF x Near_LoA	-9,115	0,136	0,280
CHR9	9149414	CHR9:9149414	SSF x Near_LoA	-8,216	-0,045	0,281
CHR9	9149595	CHR9:9149595	SSF x Near_LoA	-8,377	0,159	0,276
CHR9	9149621	CHR9:9149621	SSF x Near_LoA	-6,970	0,110	0,271
CHR9	9155907	CHR9:9155907	SSF x Near_LoA	-6,857	0,009	0,287
CHR9	9212138	CHR9:9212138	SSF x Near_LoA	-7,565	0,054	0,281
CHR9	9212177	CHR9:9212177	SSF x Near_LoA	-9,022	-0,041	0,286
CHR9	9212273	CHR9:9212273	SSF x Near_LoA	-9,623	0,007	0,298
CHR9	9231592	CHR9:9231592	SSF x Near_LoA	-7,910	-0,064	0,290
CHR9	9252027	CHR9:9252027	SSF x Near_LoA	-4,887	0,125	0,303
CHR9	9253821	CHR9:9253821	SSF x Near_LoA	-8,494	0,112	0,276
CHR9	9254058	CHR9:9254058	SSF x Near_LoA	-6,487	-0,013	0,283
CHR9	9254112	CHR9:9254112	SSF x Near_LoA	-7,394	0,049	0,275
CHR9	9257563	CHR9:9257563	SSF x Near_LoA	-10,042	0,055	0,276
CHR9	9293646	CHR9:9293646	SSF x Near_LoA	-8,386	-0,058	0,283
CHR9	9293722	CHR9:9293722	SSF x Near_LoA	-2,257	0,023	0,299
CHR9	9293741	CHR9:9293741	SSF x Near_LoA	-6,320	0,116	0,263
CHR9	9300364	CHR9:9300364	SSF x Near_LoA	-9,659	-0,053	0,286
CHR9	9300451	CHR9:9300451	SSF x Near_LoA	-7,127	-0,093	0,287
CHR9	9303096	CHR9:9303096	SSF x Near_LoA	-6,153	0,179	0,286

CHR9	9303105	CHR9:9303105	SSF x Near_LoA	-8,581	0,053	0,272
CHR9	9303141	CHR9:9303141	SSF x Near_LoA	-4,829	0,202	0,262
CHR9	9303150	CHR9:9303150	SSF x Near_LoA	-5,016	0,192	0,274
CHR9	9303164	CHR9:9303164	SSF x Near_LoA	-7,627	-0,105	0,275
CHR9	9303306	CHR9:9303306	SSF x Near_LoA	-5,906	-0,177	0,258
CHR9	9304613	CHR9:9304613	SSF x Near_LoA	-9,731	0,036	0,288
CHR9	9304654	CHR9:9304654	SSF x Near_LoA	-9,125	-0,081	0,283
CHR9	9330698	CHR9:9330698	SSF x Near_LoA	-10,171	-0,013	0,276
CHR9	9330723	CHR9:9330723	SSF x Near_LoA	-7,276	0,027	0,300
CHR9	9330753	CHR9:9330753	SSF x Near_LoA	-8,247	0,078	0,290
CHR9	9330884	CHR9:9330884	SSF x Near_LoA	-6,043	-0,160	0,273
CHR9	9342777	CHR9:9342777	SSF x Near_LoA	-7,620	0,022	0,279
CHR9	9343085	CHR9:9343085	SSF x Near_LoA	-6,623	-0,070	0,277
CHR9	9378848	CHR9:9378848	SSF x Near_LoA	-7,603	0,003	0,294
CHR9	9378992	CHR9:9378992	SSF x Near_LoA	-4,940	0,054	0,290
CHR9	9378993	CHR9:9378993	SSF x Near_LoA	-6,745	-0,015	0,295
CHR9	9386487	CHR9:9386487	SSF x Near_LoA	-7,557	0,041	0,286
CHR9	9403772	CHR9:9403772	SSF x Near_LoA	-7,215	0,133	0,278
CHR9	9405918	CHR9:9405918	SSF x Near_LoA	-7,396	0,017	0,289
CHR9	9412891	CHR9:9412891	SSF x Near_LoA	-9,263	-0,024	0,287
CHR9	9412941	CHR9:9412941	SSF x Near_LoA	-9,304	-0,003	0,282
CHR9	9412945	CHR9:9412945	SSF x Near_LoA	-9,450	0,081	0,290
CHR9	9440014	CHR9:9440014	SSF x Near_LoA	-8,223	-0,009	0,284
CHR9	9440204	CHR9:9440204	SSF x Near_LoA	-8,079	0,052	0,274
CHR9	9470088	CHR9:9470088	SSF x Near_LoA	-6,936	-0,031	0,299
CHR9	9473004	CHR9:9473004	SSF x Near_LoA	-7,846	0,003	0,292
CHR9	9484787	CHR9:9484787	SSF x Near_LoA	-4,627	0,038	0,273
CHR9	9484852	CHR9:9484852	SSF x Near_LoA	-6,349	0,133	0,279
CHR9	9489016	CHR9:9489016	SSF x Near_LoA	-7,316	0,041	0,287
CHR9	9489028	CHR9:9489028	SSF x Near_LoA	-9,839	-0,062	0,283
CHR9	9489066	CHR9:9489066	SSF x Near_LoA	-10,313	-0,063	0,286
CHR9	9489093	CHR9:9489093	SSF x Near_LoA	-7,047	-0,035	0,280
CHR9	9489137	CHR9:9489137	SSF x Near_LoA	-7,154	-0,120	0,291
CHR9	9489140	CHR9:9489140	SSF x Near_LoA	-2,811	-0,071	0,292
CHR9	949631	CHR9:949631	SSF x Near_LoA	-6,884	0,060	0,271
CHR9	9500509	CHR9:9500509	SSF x Near_LoA	-8,756	0,008	0,288
CHR9	9511524	CHR9:9511524	SSF x Near_LoA	-7,746	0,052	0,284
CHR9	951174	CHR9:951174	SSF x Near_LoA	-3,410	0,136	0,282
CHR9	951214	CHR9:951214	SSF x Near_LoA	-9,013	0,045	0,284
CHR9	9513582	CHR9:9513582	SSF x Near_LoA	-4,548	-0,163	0,281
CHR9	9513669	CHR9:9513669	SSF x Near_LoA	-6,710	0,074	0,285
CHR9	9513678	CHR9:9513678	SSF x Near_LoA	-7,099	-0,036	0,291
CHR9	9513701	CHR9:9513701	SSF x Near_LoA	-8,875	-0,080	0,270
CHR9	9524768	CHR9:9524768	SSF x Near_LoA	-6,030	0,182	0,289
CHR9	9528856	CHR9:9528856	SSF x Near_LoA	-9,099	0,090	0,270
CHR9	9529032	CHR9:9529032	SSF x Near_LoA	-9,828	-0,020	0,285
CHR9	9535975	CHR9:9535975	SSF x Near_LoA	-9,414	-0,092	0,283
CHR9	9536038	CHR9:9536038	SSF x Near_LoA	-8,588	-0,036	0,293
CHR9	9536083	CHR9:9536083	SSF x Near_LoA	-8,594	-0,040	0,285
CHR9	9536148	CHR9:9536148	SSF x Near_LoA	-7,168	-0,100	0,278
CHR9	9536164	CHR9:9536164	SSF x Near_LoA	-8,386	-0,150	0,284
CHR9	9539672	CHR9:9539672	SSF x Near_LoA	-9,024	-0,045	0,278
CHR9	954037	CHR9:954037	SSF x Near_LoA	-7,052	-0,058	0,298

CHR9	9548843	CHR9:9548843	SSF x Near_LoA	-7,875	-0,071	0,281
CHR9	9548929	CHR9:9548929	SSF x Near_LoA	-9,750	-0,058	0,284
CHR9	9549127	CHR9:9549127	SSF x Near_LoA	-8,759	0,029	0,297
CHR9	9549149	CHR9:9549149	SSF x Near_LoA	-6,761	0,150	0,282
CHR9	9558009	CHR9:9558009	SSF x Near_LoA	-7,761	-0,085	0,291
CHR9	9558140	CHR9:9558140	SSF x Near_LoA	-8,960	-0,083	0,281
CHR9	9558166	CHR9:9558166	SSF x Near_LoA	-7,097	0,059	0,297
CHR9	9561134	CHR9:9561134	SSF x Near_LoA	-6,645	-0,112	0,278
CHR9	9561224	CHR9:9561224	SSF x Near_LoA	-8,639	-0,047	0,297
CHR9	9561261	CHR9:9561261	SSF x Near_LoA	-9,110	0,017	0,298
CHR9	956393	CHR9:956393	SSF x Near_LoA	-8,648	-0,058	0,273
CHR9	956411	CHR9:956411	SSF x Near_LoA	-0,286	0,303	0,268
CHR9	956691	CHR9:956691	SSF x Near_LoA	-5,582	0,180	0,281
CHR9	9571079	CHR9:9571079	SSF x Near_LoA	-6,743	-0,094	0,300
CHR9	9571131	CHR9:9571131	SSF x Near_LoA	-7,257	-0,045	0,288
CHR9	9571150	CHR9:9571150	SSF x Near_LoA	-9,649	-0,060	0,286
CHR9	9579957	CHR9:9579957	SSF x Near_LoA	-8,569	0,166	0,280
CHR9	9602379	CHR9:9602379	SSF x Near_LoA	-7,938	0,099	0,278
CHR9	9602435	CHR9:9602435	SSF x Near_LoA	-10,159	-0,013	0,288
CHR9	9602459	CHR9:9602459	SSF x Near_LoA	-8,447	0,078	0,291
CHR9	9602534	CHR9:9602534	SSF x Near_LoA	-8,119	-0,091	0,297
CHR9	9610495	CHR9:9610495	SSF x Near_LoA	-3,617	0,154	0,272
CHR9	9610501	CHR9:9610501	SSF x Near_LoA	-9,179	0,112	0,291
CHR9	9610505	CHR9:9610505	SSF x Near_LoA	-8,305	0,008	0,265
CHR9	9618730	CHR9:9618730	SSF x Near_LoA	-8,892	0,000	0,287
CHR9	9618845	CHR9:9618845	SSF x Near_LoA	-5,488	0,123	0,297
CHR9	9618962	CHR9:9618962	SSF x Near_LoA	-1,752	0,156	0,282
CHR9	9624774	CHR9:9624774	SSF x Near_LoA	5,163	-0,295	0,252
CHR9	9624822	CHR9:9624822	SSF x Near_LoA	-9,424	-0,019	0,281
CHR9	9637571	CHR9:9637571	SSF x Near_LoA	-4,812	-0,146	0,278
CHR9	9637580	CHR9:9637580	SSF x Near_LoA	-5,079	-0,153	0,292
CHR9	9637675	CHR9:9637675	SSF x Near_LoA	-6,957	0,060	0,271
CHR9	9637724	CHR9:9637724	SSF x Near_LoA	-5,619	-0,109	0,288
CHR9	9637735	CHR9:9637735	SSF x Near_LoA	-8,761	-0,085	0,302
CHR9	9637780	CHR9:9637780	SSF x Near_LoA	-6,638	-0,100	0,287
CHR9	9672010	CHR9:9672010	SSF x Near_LoA	-9,792	0,011	0,287
CHR9	9672034	CHR9:9672034	SSF x Near_LoA	-7,964	-0,018	0,281
CHR9	9672039	CHR9:9672039	SSF x Near_LoA	-9,759	-0,004	0,281
CHR9	9674747	CHR9:9674747	SSF x Near_LoA	-8,903	-0,145	0,272
CHR9	9674885	CHR9:9674885	SSF x Near_LoA	-5,491	0,142	0,281
CHR9	967942	CHR9:967942	SSF x Near_LoA	-8,638	-0,064	0,281
CHR9	9698622	CHR9:9698622	SSF x Near_LoA	-4,703	0,069	0,290
CHR9	9698689	CHR9:9698689	SSF x Near_LoA	-8,664	-0,017	0,278
CHR9	9698707	CHR9:9698707	SSF x Near_LoA	-6,780	-0,087	0,271
CHR9	9698773	CHR9:9698773	SSF x Near_LoA	-7,657	0,093	0,279
CHR9	9698804	CHR9:9698804	SSF x Near_LoA	-8,241	-0,031	0,286
CHR9	9698824	CHR9:9698824	SSF x Near_LoA	-4,770	0,024	0,298
CHR9	9739462	CHR9:9739462	SSF x Near_LoA	-2,274	-0,217	0,294
CHR9	9739467	CHR9:9739467	SSF x Near_LoA	-5,705	-0,211	0,281
CHR9	9739603	CHR9:9739603	SSF x Near_LoA	-7,149	-0,189	0,286
CHR9	9739645	CHR9:9739645	SSF x Near_LoA	-6,811	-0,172	0,284
CHR9	9749297	CHR9:9749297	SSF x Near_LoA	-8,730	0,097	0,286
CHR9	9749315	CHR9:9749315	SSF x Near_LoA	-5,066	0,168	0,286

CHR9	9749338	CHR9:9749338	SSF x Near_LoA	-5,067	0,146	0,282
CHR9	9749342	CHR9:9749342	SSF x Near_LoA	-8,048	-0,103	0,277
CHR9	9749449	CHR9:9749449	SSF x Near_LoA	-8,064	0,067	0,294
CHR9	9749450	CHR9:9749450	SSF x Near_LoA	-6,043	-0,056	0,289
CHR9	9749457	CHR9:9749457	SSF x Near_LoA	-8,208	0,081	0,296
CHR9	9749507	CHR9:9749507	SSF x Near_LoA	-7,834	-0,100	0,289
CHR9	9763925	CHR9:9763925	SSF x Near_LoA	-6,523	0,020	0,301
CHR9	976485	CHR9:976485	SSF x Near_LoA	-4,939	-0,145	0,285
CHR9	9766333	CHR9:9766333	SSF x Near_LoA	-3,227	-0,242	0,272
CHR9	9766371	CHR9:9766371	SSF x Near_LoA	-9,667	-0,002	0,291
CHR9	9773512	CHR9:9773512	SSF x Near_LoA	-9,550	-0,052	0,293
CHR9	9773517	CHR9:9773517	SSF x Near_LoA	-8,279	0,052	0,284
CHR9	9773614	CHR9:9773614	SSF x Near_LoA	-1,788	0,205	0,280
CHR9	9792043	CHR9:9792043	SSF x Near_LoA	-8,021	-0,132	0,274
CHR9	9792105	CHR9:9792105	SSF x Near_LoA	-6,758	-0,040	0,286
CHR9	9792199	CHR9:9792199	SSF x Near_LoA	-6,087	0,143	0,266
CHR9	9796336	CHR9:9796336	SSF x Near_LoA	-10,630	0,093	0,275
CHR9	9810736	CHR9:9810736	SSF x Near_LoA	-8,429	-0,030	0,292
CHR9	9810737	CHR9:9810737	SSF x Near_LoA	-9,706	-0,053	0,284
CHR9	9810835	CHR9:9810835	SSF x Near_LoA	-10,339	0,003	0,286
CHR9	9818910	CHR9:9818910	SSF x Near_LoA	-9,020	-0,012	0,273
CHR9	9821902	CHR9:9821902	SSF x Near_LoA	-8,041	0,027	0,278
CHR9	9821913	CHR9:9821913	SSF x Near_LoA	-9,395	0,023	0,310
CHR9	9821930	CHR9:9821930	SSF x Near_LoA	-8,256	0,119	0,284
CHR9	9821959	CHR9:9821959	SSF x Near_LoA	-7,566	-0,100	0,288
CHR9	9831078	CHR9:9831078	SSF x Near_LoA	-9,330	0,119	0,279
CHR9	983796	CHR9:983796	SSF x Near_LoA	-7,842	0,182	0,265
CHR9	9846367	CHR9:9846367	SSF x Near_LoA	-9,651	0,005	0,291
CHR9	9847650	CHR9:9847650	SSF x Near_LoA	-9,061	-0,019	0,301
CHR9	9847678	CHR9:9847678	SSF x Near_LoA	-7,160	-0,078	0,284
CHR9	9847767	CHR9:9847767	SSF x Near_LoA	-9,848	-0,039	0,285
CHR9	985404	CHR9:985404	SSF x Near_LoA	-8,163	-0,012	0,296
CHR9	985422	CHR9:985422	SSF x Near_LoA	-9,276	0,024	0,302
CHR9	9874503	CHR9:9874503	SSF x Near_LoA	-9,678	0,000	0,279
CHR9	9874531	CHR9:9874531	SSF x Near_LoA	-7,290	0,004	0,299
CHR9	9874711	CHR9:9874711	SSF x Near_LoA	-8,604	0,012	0,291
CHR9	9874720	CHR9:9874720	SSF x Near_LoA	-10,974	-0,066	0,269
CHR9	9892017	CHR9:9892017	SSF x Near_LoA	-9,264	0,068	0,279
CHR9	9892041	CHR9:9892041	SSF x Near_LoA	-10,253	0,020	0,294
CHR9	9900608	CHR9:9900608	SSF x Near_LoA	-10,233	-0,012	0,279
CHR9	9900695	CHR9:9900695	SSF x Near_LoA	-8,154	-0,109	0,291
CHR9	990469	CHR9:990469	SSF x Near_LoA	-8,816	-0,016	0,287
CHR9	9915530	CHR9:9915530	SSF x Near_LoA	-10,463	-0,046	0,296
CHR9	9915685	CHR9:9915685	SSF x Near_LoA	-8,890	0,052	0,287
CHR9	9922148	CHR9:9922148	SSF x Near_LoA	-9,715	-0,079	0,285
CHR9	9922168	CHR9:9922168	SSF x Near_LoA	-9,999	-0,058	0,283
CHR9	9922263	CHR9:9922263	SSF x Near_LoA	-5,229	-0,176	0,263
CHR9	9937841	CHR9:9937841	SSF x Near_LoA	-9,050	-0,033	0,299
CHR9	9937905	CHR9:9937905	SSF x Near_LoA	-7,196	0,038	0,304
CHR9	9937991	CHR9:9937991	SSF x Near_LoA	-10,946	0,045	0,286
CHR9	9950059	CHR9:9950059	SSF x Near_LoA	-10,266	-0,064	0,285
CHR9	9950111	CHR9:9950111	SSF x Near_LoA	-10,292	-0,051	0,285
CHR9	9961995	CHR9:9961995	SSF x Near_LoA	-3,709	-0,019	0,305

CHR9	9962012	CHR9:9962012	SSF x Near_LoA	-8,022	-0,029	0,289
CHR9	998054	CHR9:998054	SSF x Near_LoA	-9,739	0,028	0,295
CHR9	998242	CHR9:998242	SSF x Near_LoA	-9,111	-0,074	0,289
CHR9	9991460	CHR9:9991460	SSF x Near_LoA	-7,728	0,194	0,273
CHR9	9998590	CHR9:9998590	SSF x Near_LoA	-9,541	-0,099	0,292
CHR9	9998852	CHR9:9998852	SSF x Near_LoA	-7,431	-0,087	0,283
CHR10	1E+07	CHR10:1000000(	SSF x Near_LoA	-9,599	0,059	0,281
CHR10	1E+07	CHR10:10002315	SSF x Near_LoA	-8,366	-0,056	0,283
CHR10	1E+07	CHR10:1000234(	SSF x Near_LoA	-7,659	-0,048	0,289
CHR10	1E+07	CHR10:10002353	SSF x Near_LoA	-9,420	-0,054	0,279
CHR10	1E+07	CHR10:10002381	SSF x Near_LoA	-2,357	0,123	0,275
CHR10	1E+07	CHR10:1000892(	SSF x Near_LoA	-8,798	0,038	0,279
CHR10	1E+07	CHR10:1000898(	SSF x Near_LoA	-6,622	0,019	0,299
CHR10	1E+07	CHR10:1000899(	SSF x Near_LoA	-6,766	0,039	0,304
CHR10	1E+07	CHR10:10009011	SSF x Near_LoA	-9,311	-0,026	0,293
CHR10	1000906	CHR10:1000906	SSF x Near_LoA	-10,105	0,081	0,276
CHR10	1E+07	CHR10:10009097	SSF x Near_LoA	-5,146	0,145	0,275
CHR10	1000918	CHR10:1000918	SSF x Near_LoA	-7,919	0,065	0,278
CHR10	1000930	CHR10:1000930	SSF x Near_LoA	-5,131	-0,176	0,275
CHR10	1E+07	CHR10:10020421	SSF x Near_LoA	-8,406	-0,161	0,273
CHR10	1E+07	CHR10:10020433	SSF x Near_LoA	-9,282	0,019	0,285
CHR10	1E+07	CHR10:10020512	SSF x Near_LoA	-8,525	-0,061	0,298
CHR10	1E+07	CHR10:10020523	SSF x Near_LoA	-8,879	-0,013	0,301
CHR10	1E+07	CHR10:10020607	SSF x Near_LoA	-6,975	-0,019	0,300
CHR10	1E+07	CHR10:10044066	SSF x Near_LoA	-10,247	0,051	0,291
CHR10	1E+07	CHR10:1004429(	SSF x Near_LoA	-8,100	-0,014	0,291
CHR10	1E+07	CHR10:10064845	SSF x Near_LoA	-8,927	-0,073	0,287
CHR10	1E+07	CHR10:10064869	SSF x Near_LoA	0,206	0,012	0,270
CHR10	1E+07	CHR10:10064893	SSF x Near_LoA	-7,450	0,082	0,272
CHR10	1E+07	CHR10:1006520(	SSF x Near_LoA	-10,396	0,042	0,294
CHR10	1E+07	CHR10:10086875	SSF x Near_LoA	-9,313	-0,090	0,280
CHR10	1E+07	CHR10:10086974	SSF x Near_LoA	-7,978	-0,106	0,311
CHR10	1E+07	CHR10:10097505	SSF x Near_LoA	-8,458	-0,128	0,289
CHR10	1E+07	CHR10:10102014	SSF x Near_LoA	-7,780	-0,036	0,286
CHR10	1E+07	CHR10:1010205(	SSF x Near_LoA	-9,052	0,006	0,277
CHR10	1E+07	CHR10:1010214(	SSF x Near_LoA	-7,586	0,098	0,279
CHR10	1E+07	CHR10:10105264	SSF x Near_LoA	-7,411	-0,083	0,284
CHR10	1E+07	CHR10:10105527	SSF x Near_LoA	-7,407	0,036	0,286
CHR10	1E+07	CHR10:10105533	SSF x Near_LoA	-8,487	-0,140	0,287
CHR10	1E+07	CHR10:10111041	SSF x Near_LoA	-8,749	-0,062	0,278
CHR10	1E+07	CHR10:10113797	SSF x Near_LoA	-9,947	-0,012	0,292
CHR10	1E+07	CHR10:1013330(	SSF x Near_LoA	-10,446	0,031	0,276
CHR10	1E+07	CHR10:10137697	SSF x Near_LoA	-7,591	0,146	0,276
CHR10	1E+07	CHR10:10137708	SSF x Near_LoA	-8,054	0,158	0,273
CHR10	1E+07	CHR10:10137783	SSF x Near_LoA	-8,363	-0,070	0,284
CHR10	1E+07	CHR10:10137815	SSF x Near_LoA	-9,798	0,036	0,281
CHR10	1E+07	CHR10:10137833	SSF x Near_LoA	-4,728	-0,182	0,292
CHR10	1E+07	CHR10:10138024	SSF x Near_LoA	-8,712	0,134	0,272
CHR10	1E+07	CHR10:10142319	SSF x Near_LoA	-8,368	-0,002	0,292
CHR10	1E+07	CHR10:10142326	SSF x Near_LoA	-7,819	-0,025	0,294
CHR10	1E+07	CHR10:1014236(	SSF x Near_LoA	-8,541	-0,018	0,285
CHR10	1E+07	CHR10:10142368	SSF x Near_LoA	-7,576	-0,019	0,296
CHR10	1E+07	CHR10:10142376	SSF x Near_LoA	-7,446	-0,018	0,291

CHR10	1E+07	CHR10:10142381	SSF x Near_LoA	-9,104	-0,009	0,281
CHR10	1E+07	CHR10:10142392	SSF x Near_LoA	-9,377	0,031	0,294
CHR10	1E+07	CHR10:10142417	SSF x Near_LoA	-9,440	0,100	0,293
CHR10	1E+07	CHR10:10142456	SSF x Near_LoA	-8,339	0,094	0,300
CHR10	1E+07	CHR10:10142496	SSF x Near_LoA	-7,381	-0,009	0,285
CHR10	1E+07	CHR10:10142501	SSF x Near_LoA	-5,675	-0,046	0,283
CHR10	1E+07	CHR10:10142531	SSF x Near_LoA	-6,695	-0,046	0,293
CHR10	1E+07	CHR10:10142559	SSF x Near_LoA	-8,235	-0,056	0,288
CHR10	1E+07	CHR10:10153032	SSF x Near_LoA	-9,132	0,106	0,289
CHR10	1E+07	CHR10:10157336	SSF x Near_LoA	-7,743	-0,114	0,286
CHR10	1E+07	CHR10:10159517	SSF x Near_LoA	-10,044	0,037	0,273
CHR10	1E+07	CHR10:10159611	SSF x Near_LoA	-6,799	0,166	0,278
CHR10	1E+07	CHR10:10159613	SSF x Near_LoA	-10,736	0,039	0,270
CHR10	1E+07	CHR10:10159656	SSF x Near_LoA	-9,470	-0,029	0,300
CHR10	1E+07	CHR10:10159772	SSF x Near_LoA	-7,483	-0,058	0,283
CHR10	1E+07	CHR10:10159775	SSF x Near_LoA	-7,288	-0,056	0,280
CHR10	1E+07	CHR10:10159829	SSF x Near_LoA	-8,690	-0,011	0,290
CHR10	1E+07	CHR10:10193107	SSF x Near_LoA	-8,601	0,129	0,290
CHR10	1E+07	CHR10:10202741	SSF x Near_LoA	-5,962	0,118	0,273
CHR10	1E+07	CHR10:10202817	SSF x Near_LoA	-7,596	0,055	0,276
CHR10	1E+07	CHR10:10207789	SSF x Near_LoA	-7,528	0,170	0,275
CHR10	1E+07	CHR10:10207847	SSF x Near_LoA	-6,770	0,187	0,266
CHR10	1E+07	CHR10:10207901	SSF x Near_LoA	-4,401	0,156	0,275
CHR10	1E+07	CHR10:10207997	SSF x Near_LoA	-9,782	-0,010	0,280
CHR10	1E+07	CHR10:10218097	SSF x Near_LoA	-8,075	0,073	0,259
CHR10	1E+07	CHR10:10218198	SSF x Near_LoA	-8,809	-0,080	0,273
CHR10	1E+07	CHR10:10218215	SSF x Near_LoA	-6,369	0,043	0,261
CHR10	1E+07	CHR10:10218280	SSF x Near_LoA	-7,509	-0,071	0,291
CHR10	1E+07	CHR10:10223950	SSF x Near_LoA	-9,301	0,047	0,285
CHR10	1E+07	CHR10:10223967	SSF x Near_LoA	-8,537	-0,019	0,285
CHR10	1E+07	CHR10:10223968	SSF x Near_LoA	-9,604	0,107	0,274
CHR10	1E+07	CHR10:10224002	SSF x Near_LoA	-9,981	-0,044	0,279
CHR10	1E+07	CHR10:10224211	SSF x Near_LoA	-8,267	0,128	0,265
CHR10	1E+07	CHR10:10224320	SSF x Near_LoA	-10,113	-0,028	0,302
CHR10	1E+07	CHR10:10224390	SSF x Near_LoA	-10,438	-0,033	0,285
CHR10	1E+07	CHR10:10224404	SSF x Near_LoA	-9,884	-0,054	0,273
CHR10	1E+07	CHR10:10234511	SSF x Near_LoA	-7,504	-0,046	0,294
CHR10	1E+07	CHR10:10234683	SSF x Near_LoA	-7,946	-0,057	0,290
CHR10	1E+07	CHR10:10261053	SSF x Near_LoA	-8,514	0,131	0,287
CHR10	1E+07	CHR10:10272925	SSF x Near_LoA	-7,601	-0,085	0,279
CHR10	1E+07	CHR10:10273127	SSF x Near_LoA	-8,812	0,018	0,301
CHR10	1E+07	CHR10:10273928	SSF x Near_LoA	-8,146	0,036	0,270
CHR10	1E+07	CHR10:10273949	SSF x Near_LoA	-8,412	-0,023	0,273
CHR10	1E+07	CHR10:10273950	SSF x Near_LoA	-9,133	0,015	0,268
CHR10	1E+07	CHR10:10273975	SSF x Near_LoA	-9,719	-0,060	0,284
CHR10	1E+07	CHR10:10300744	SSF x Near_LoA	-9,110	-0,030	0,293
CHR10	1E+07	CHR10:10301633	SSF x Near_LoA	-8,950	-0,034	0,290
CHR10	1E+07	CHR10:10303388	SSF x Near_LoA	-7,778	0,082	0,286
CHR10	1E+07	CHR10:10303448	SSF x Near_LoA	-8,026	-0,019	0,297
CHR10	1E+07	CHR10:10308238	SSF x Near_LoA	-9,463	0,043	0,287
CHR10	1E+07	CHR10:10308283	SSF x Near_LoA	-6,609	-0,030	0,288
CHR10	1E+07	CHR10:10308323	SSF x Near_LoA	-6,948	-0,028	0,280
CHR10	1E+07	CHR10:10310073	SSF x Near_LoA	-9,704	0,062	0,299

CHR10	1E+07	CHR10:10313114	SSF x Near_LoA	-9,008	0,027	0,295
CHR10	1E+07	CHR10:10320001	SSF x Near_LoA	-7,310	-0,042	0,293
CHR10	1032651	CHR10:1032651	SSF x Near_LoA	-10,773	0,007	0,277
CHR10	1032745	CHR10:1032745	SSF x Near_LoA	-5,933	0,003	0,290
CHR10	1E+07	CHR10:10348993	SSF x Near_LoA	-10,102	-0,003	0,288
CHR10	1E+07	CHR10:10349015	SSF x Near_LoA	-3,286	-0,163	0,275
CHR10	1E+07	CHR10:10349040	SSF x Near_LoA	-4,594	0,205	0,283
CHR10	1E+07	CHR10:10354458	SSF x Near_LoA	-5,651	0,114	0,276
CHR10	1E+07	CHR10:10358294	SSF x Near_LoA	-9,017	-0,027	0,313
CHR10	1E+07	CHR10:10360925	SSF x Near_LoA	-9,212	0,007	0,304
CHR10	1E+07	CHR10:10361056	SSF x Near_LoA	-8,555	-0,159	0,276
CHR10	1E+07	CHR10:10441003	SSF x Near_LoA	-6,004	0,171	0,288
CHR10	1E+07	CHR10:10445977	SSF x Near_LoA	-8,756	0,033	0,280
CHR10	1E+07	CHR10:10445981	SSF x Near_LoA	-8,515	-0,025	0,287
CHR10	1E+07	CHR10:10462172	SSF x Near_LoA	-8,320	-0,084	0,282
CHR10	1E+07	CHR10:10462204	SSF x Near_LoA	-8,120	-0,014	0,290
CHR10	1E+07	CHR10:10462234	SSF x Near_LoA	-7,245	-0,077	0,281
CHR10	1E+07	CHR10:10474801	SSF x Near_LoA	-9,063	0,121	0,272
CHR10	1E+07	CHR10:10494283	SSF x Near_LoA	-6,664	0,018	0,275
CHR10	1E+07	CHR10:10494390	SSF x Near_LoA	-6,969	0,018	0,285
CHR10	1E+07	CHR10:10494517	SSF x Near_LoA	-7,773	0,036	0,282
CHR10	10525087	CHR10:10525087	SSF x Near_LoA	-6,713	0,029	0,296
CHR10	10525218	CHR10:10525218	SSF x Near_LoA	-7,177	-0,057	0,295
CHR10	10525257	CHR10:10525257	SSF x Near_LoA	-0,883	0,098	0,272
CHR10	10572407	CHR10:10572407	SSF x Near_LoA	-9,109	0,135	0,288
CHR10	10573133	CHR10:10573133	SSF x Near_LoA	-10,111	0,067	0,281
CHR10	10573197	CHR10:10573197	SSF x Near_LoA	-7,757	0,194	0,281
CHR10	10603901	CHR10:10603901	SSF x Near_LoA	-7,511	0,099	0,279
CHR10	10612089	CHR10:10612089	SSF x Near_LoA	-10,268	-0,100	0,283
CHR10	10612422	CHR10:10612422	SSF x Near_LoA	-8,026	-0,001	0,283
CHR10	10617726	CHR10:10617726	SSF x Near_LoA	-9,168	0,051	0,290
CHR10	10623501	CHR10:10623501	SSF x Near_LoA	-6,998	-0,122	0,286
CHR10	10623517	CHR10:10623517	SSF x Near_LoA	-6,271	0,169	0,269
CHR10	10623653	CHR10:10623653	SSF x Near_LoA	-4,228	-0,123	0,293
CHR10	10633708	CHR10:10633708	SSF x Near_LoA	-6,760	0,085	0,288
CHR10	10633761	CHR10:10633761	SSF x Near_LoA	-8,683	-0,115	0,275
CHR10	10633863	CHR10:10633863	SSF x Near_LoA	-9,964	-0,003	0,292
CHR10	10633871	CHR10:10633871	SSF x Near_LoA	-5,602	0,044	0,289
CHR10	10633896	CHR10:10633896	SSF x Near_LoA	-6,168	-0,053	0,284
CHR10	10633916	CHR10:10633916	SSF x Near_LoA	-10,840	-0,001	0,288
CHR10	10633949	CHR10:10633949	SSF x Near_LoA	-7,202	0,107	0,277
CHR10	10633981	CHR10:10633981	SSF x Near_LoA	-8,344	0,087	0,277
CHR10	10647858	CHR10:10647858	SSF x Near_LoA	-10,239	-0,072	0,285
CHR10	10648040	CHR10:10648040	SSF x Near_LoA	-7,425	-0,133	0,281
CHR10	10648156	CHR10:10648156	SSF x Near_LoA	-7,324	0,003	0,274
CHR10	10649726	CHR10:10649726	SSF x Near_LoA	-9,791	-0,017	0,294
CHR10	10649770	CHR10:10649770	SSF x Near_LoA	-9,332	-0,050	0,299
CHR10	10649821	CHR10:10649821	SSF x Near_LoA	-7,102	-0,089	0,295
CHR10	10649830	CHR10:10649830	SSF x Near_LoA	-7,826	-0,130	0,278
CHR10	10665101	CHR10:10665101	SSF x Near_LoA	-6,674	-0,139	0,288
CHR10	10665102	CHR10:10665102	SSF x Near_LoA	-7,625	-0,128	0,290
CHR10	1066831	CHR10:1066831	SSF x Near_LoA	-8,505	-0,029	0,286
CHR10	10668522	CHR10:10668522	SSF x Near_LoA	-2,982	0,069	0,276

CHR10	10668655	CHR10:10668655	SSF x Near_LoA	-9,255	0,049	0,289
CHR10	10668665	CHR10:10668665	SSF x Near_LoA	-5,976	-0,151	0,275
CHR10	10668695	CHR10:10668695	SSF x Near_LoA	-8,310	0,005	0,275
CHR10	1066976	CHR10:1066976	SSF x Near_LoA	-7,753	-0,174	0,268
CHR10	1067007	CHR10:1067007	SSF x Near_LoA	-6,349	0,066	0,284
CHR10	1067034	CHR10:1067034	SSF x Near_LoA	-7,732	0,067	0,290
CHR10	10686349	CHR10:10686349	SSF x Near_LoA	-7,820	-0,080	0,288
CHR10	10686413	CHR10:10686413	SSF x Near_LoA	-9,188	-0,044	0,298
CHR10	10686441	CHR10:10686441	SSF x Near_LoA	-8,556	-0,042	0,292
CHR10	10686521	CHR10:10686521	SSF x Near_LoA	-7,526	0,108	0,287
CHR10	10688063	CHR10:10688063	SSF x Near_LoA	-2,595	-0,184	0,271
CHR10	10688223	CHR10:10688223	SSF x Near_LoA	-6,798	-0,111	0,287
CHR10	10688272	CHR10:10688272	SSF x Near_LoA	-6,297	-0,083	0,285
CHR10	10688313	CHR10:10688313	SSF x Near_LoA	-7,480	-0,072	0,288
CHR10	10728693	CHR10:10728693	SSF x Near_LoA	-6,243	-0,151	0,294
CHR10	10729093	CHR10:10729093	SSF x Near_LoA	-8,181	0,016	0,286
CHR10	10729162	CHR10:10729162	SSF x Near_LoA	-8,362	-0,018	0,286
CHR10	10729223	CHR10:10729223	SSF x Near_LoA	-5,431	0,072	0,294
CHR10	10729235	CHR10:10729235	SSF x Near_LoA	-8,694	-0,070	0,284
CHR10	10729266	CHR10:10729266	SSF x Near_LoA	-8,407	-0,036	0,277
CHR10	10729274	CHR10:10729274	SSF x Near_LoA	-9,215	-0,043	0,297
CHR10	10746667	CHR10:10746667	SSF x Near_LoA	-9,397	0,102	0,273
CHR10	10746675	CHR10:10746675	SSF x Near_LoA	-6,736	-0,022	0,290
CHR10	10746824	CHR10:10746824	SSF x Near_LoA	-9,116	-0,085	0,286
CHR10	10746844	CHR10:10746844	SSF x Near_LoA	-9,711	0,101	0,280
CHR10	10746911	CHR10:10746911	SSF x Near_LoA	-9,009	-0,094	0,287
CHR10	10747000	CHR10:10747000	SSF x Near_LoA	-2,170	0,006	0,292
CHR10	10747024	CHR10:10747024	SSF x Near_LoA	-9,793	0,048	0,276
CHR10	10747044	CHR10:10747044	SSF x Near_LoA	-7,722	-0,050	0,281
CHR10	10765914	CHR10:10765914	SSF x Near_LoA	-9,645	-0,047	0,277
CHR10	10766003	CHR10:10766003	SSF x Near_LoA	-7,297	0,094	0,264
CHR10	10775052	CHR10:10775052	SSF x Near_LoA	-6,582	-0,132	0,289
CHR10	10775219	CHR10:10775219	SSF x Near_LoA	-8,376	-0,015	0,283
CHR10	10775222	CHR10:10775222	SSF x Near_LoA	-6,820	-0,078	0,290
CHR10	10775338	CHR10:10775338	SSF x Near_LoA	-8,671	0,004	0,291
CHR10	10793111	CHR10:10793111	SSF x Near_LoA	-7,085	-0,059	0,292
CHR10	10793160	CHR10:10793160	SSF x Near_LoA	-6,096	-0,043	0,296
CHR10	10793244	CHR10:10793244	SSF x Near_LoA	-6,958	0,061	0,292
CHR10	10793299	CHR10:10793299	SSF x Near_LoA	-7,742	0,079	0,287
CHR10	10800557	CHR10:10800557	SSF x Near_LoA	-3,632	-0,252	0,265
CHR10	10808975	CHR10:10808975	SSF x Near_LoA	-8,126	-0,038	0,278
CHR10	10809103	CHR10:10809103	SSF x Near_LoA	-10,068	-0,050	0,288
CHR10	1081987	CHR10:1081987	SSF x Near_LoA	-9,355	0,001	0,290
CHR10	1081989	CHR10:1081989	SSF x Near_LoA	-9,008	0,033	0,302
CHR10	1082000	CHR10:1082000	SSF x Near_LoA	-6,297	0,112	0,276
CHR10	1082029	CHR10:1082029	SSF x Near_LoA	-7,873	-0,096	0,284
CHR10	1082122	CHR10:1082122	SSF x Near_LoA	-7,511	-0,032	0,283
CHR10	10821633	CHR10:10821633	SSF x Near_LoA	-9,444	0,072	0,290
CHR10	10839810	CHR10:10839810	SSF x Near_LoA	-7,397	0,057	0,292
CHR10	10839844	CHR10:10839844	SSF x Near_LoA	-6,045	-0,071	0,272
CHR10	10839928	CHR10:10839928	SSF x Near_LoA	-8,256	0,082	0,294
CHR10	10839934	CHR10:10839934	SSF x Near_LoA	-5,322	0,078	0,289
CHR10	10839972	CHR10:10839972	SSF x Near_LoA	-9,957	0,055	0,288

CHR10	10839989	CHR10:1083998	SSF x Near_LoA	-9,355	0,021	0,294
CHR10	10859879	CHR10:1085987	SSF x Near_LoA	-7,462	0,086	0,295
CHR10	10860065	CHR10:1086006	SSF x Near_LoA	-8,571	-0,077	0,282
CHR10	10860106	CHR10:1086010	SSF x Near_LoA	-8,213	0,009	0,286
CHR10	10860207	CHR10:1086020	SSF x Near_LoA	-10,245	0,092	0,285
CHR10	10868146	CHR10:1086814	SSF x Near_LoA	-0,072	-0,269	0,252
CHR10	10870184	CHR10:1087018	SSF x Near_LoA	-5,855	-0,096	0,287
CHR10	10870294	CHR10:1087029	SSF x Near_LoA	-6,488	0,133	0,298
CHR10	10870301	CHR10:1087030	SSF x Near_LoA	-7,963	-0,088	0,286
CHR10	10873842	CHR10:1087384	SSF x Near_LoA	-9,588	0,007	0,287
CHR10	10873952	CHR10:1087395	SSF x Near_LoA	-10,726	0,007	0,286
CHR10	10882487	CHR10:1088248	SSF x Near_LoA	-4,276	-0,191	0,276
CHR10	10882508	CHR10:1088250	SSF x Near_LoA	5,941	-0,177	0,263
CHR10	10892498	CHR10:1089249	SSF x Near_LoA	-10,334	-0,024	0,289
CHR10	1091008	CHR10:1091008	SSF x Near_LoA	-8,793	0,085	0,282
CHR10	10928361	CHR10:1092836	SSF x Near_LoA	-8,611	0,099	0,285
CHR10	10928470	CHR10:1092847	SSF x Near_LoA	-6,891	0,089	0,287
CHR10	10928548	CHR10:1092854	SSF x Near_LoA	-8,493	-0,026	0,294
CHR10	10940201	CHR10:1094020	SSF x Near_LoA	-7,766	0,048	0,295
CHR10	10940229	CHR10:1094022	SSF x Near_LoA	-6,705	0,029	0,305
CHR10	10947388	CHR10:1094738	SSF x Near_LoA	-8,279	-0,063	0,287
CHR10	1095525	CHR10:1095525	SSF x Near_LoA	-9,624	0,052	0,281
CHR10	1095548	CHR10:1095548	SSF x Near_LoA	-9,014	0,088	0,283
CHR10	1095558	CHR10:1095558	SSF x Near_LoA	-10,356	-0,028	0,274
CHR10	1095611	CHR10:1095611	SSF x Near_LoA	-6,817	-0,205	0,270
CHR10	1095678	CHR10:1095678	SSF x Near_LoA	-9,835	-0,059	0,299
CHR10	1095680	CHR10:1095680	SSF x Near_LoA	-9,792	-0,062	0,299
CHR10	1095711	CHR10:1095711	SSF x Near_LoA	-6,076	-0,027	0,291
CHR10	1095718	CHR10:1095718	SSF x Near_LoA	-7,601	-0,080	0,298
CHR10	10974020	CHR10:1097402	SSF x Near_LoA	-8,274	0,014	0,285
CHR10	10974165	CHR10:1097416	SSF x Near_LoA	-7,029	-0,135	0,288
CHR10	10996054	CHR10:1099605	SSF x Near_LoA	-7,784	0,043	0,284
CHR10	11014541	CHR10:1101454	SSF x Near_LoA	-4,519	-0,036	0,288
CHR10	11025184	CHR10:1102518	SSF x Near_LoA	-3,757	0,002	0,269
CHR10	11030328	CHR10:1103032	SSF x Near_LoA	-5,055	-0,199	0,272
CHR10	11038638	CHR10:1103863	SSF x Near_LoA	-7,518	-0,042	0,301
CHR10	11055023	CHR10:1105502	SSF x Near_LoA	-6,760	-0,087	0,296
CHR10	11055071	CHR10:1105507	SSF x Near_LoA	-7,606	-0,141	0,278
CHR10	11055130	CHR10:1105513	SSF x Near_LoA	-7,714	0,112	0,271
CHR10	11055335	CHR10:1105533	SSF x Near_LoA	-10,292	0,034	0,289
CHR10	11074462	CHR10:1107446	SSF x Near_LoA	-9,120	-0,128	0,283
CHR10	11080364	CHR10:1108036	SSF x Near_LoA	-7,173	-0,114	0,271
CHR10	11080463	CHR10:1108046	SSF x Near_LoA	-7,146	-0,105	0,287
CHR10	11084578	CHR10:1108457	SSF x Near_LoA	-8,647	0,041	0,301
CHR10	11084765	CHR10:1108476	SSF x Near_LoA	-8,907	0,048	0,278
CHR10	11089686	CHR10:1108968	SSF x Near_LoA	-3,161	0,148	0,277
CHR10	11099433	CHR10:1109943	SSF x Near_LoA	-9,034	0,082	0,292
CHR10	11099461	CHR10:1109946	SSF x Near_LoA	-8,471	0,067	0,288
CHR10	11099489	CHR10:1109948	SSF x Near_LoA	-8,550	0,089	0,287
CHR10	11104731	CHR10:1110473	SSF x Near_LoA	-7,890	-0,006	0,281
CHR10	11111260	CHR10:1111126	SSF x Near_LoA	-3,132	0,152	0,289
CHR10	11126188	CHR10:1112618	SSF x Near_LoA	-7,673	0,048	0,281
CHR10	11126307	CHR10:1112630	SSF x Near_LoA	-7,778	-0,012	0,286

CHR10	11126309	CHR10:1112630	SSF x Near_LoA	-6,447	-0,008	0,291
CHR10	11126366	CHR10:1112636	SSF x Near_LoA	-7,049	-0,067	0,287
CHR10	11126427	CHR10:1112642	SSF x Near_LoA	-7,823	-0,027	0,287
CHR10	1112887	CHR10:1112887	SSF x Near_LoA	-7,005	-0,021	0,287
CHR10	1113168	CHR10:1113168	SSF x Near_LoA	-10,359	0,002	0,292
CHR10	11135152	CHR10:1113515	SSF x Near_LoA	-8,807	-0,020	0,294
CHR10	11135176	CHR10:1113517	SSF x Near_LoA	-8,284	-0,096	0,283
CHR10	11149758	CHR10:1114975	SSF x Near_LoA	-9,382	0,058	0,300
CHR10	11153287	CHR10:1115328	SSF x Near_LoA	-6,792	0,093	0,294
CHR10	11153302	CHR10:1115330	SSF x Near_LoA	-7,763	0,090	0,293
CHR10	11153453	CHR10:1115345	SSF x Near_LoA	-7,558	0,056	0,291
CHR10	11165735	CHR10:1116573	SSF x Near_LoA	-6,467	-0,159	0,276
CHR10	11218058	CHR10:1121805	SSF x Near_LoA	-5,893	-0,127	0,296
CHR10	1124030	CHR10:1124030	SSF x Near_LoA	-7,613	0,007	0,283
CHR10	1124034	CHR10:1124034	SSF x Near_LoA	-7,042	0,130	0,278
CHR10	1124278	CHR10:1124278	SSF x Near_LoA	-6,884	0,018	0,290
CHR10	11252726	CHR10:1125272	SSF x Near_LoA	-7,973	-0,035	0,281
CHR10	11252753	CHR10:1125275	SSF x Near_LoA	-8,426	-0,008	0,280
CHR10	11252903	CHR10:1125290	SSF x Near_LoA	-7,622	0,000	0,283
CHR10	11252905	CHR10:1125290	SSF x Near_LoA	-7,128	-0,016	0,284
CHR10	11269614	CHR10:1126961	SSF x Near_LoA	-7,813	-0,090	0,269
CHR10	1156038	CHR10:1156038	SSF x Near_LoA	-9,573	0,050	0,277
CHR10	1156064	CHR10:1156064	SSF x Near_LoA	-7,058	0,103	0,270
CHR10	1191499	CHR10:1191499	SSF x Near_LoA	-7,036	-0,052	0,284
CHR10	1191946	CHR10:1191946	SSF x Near_LoA	-5,837	0,168	0,278
CHR10	1191954	CHR10:1191954	SSF x Near_LoA	-10,165	-0,103	0,269
CHR10	1236422	CHR10:1236422	SSF x Near_LoA	-7,085	0,010	0,283
CHR10	1236486	CHR10:1236486	SSF x Near_LoA	-9,504	-0,080	0,283
CHR10	1248912	CHR10:1248912	SSF x Near_LoA	-4,110	-0,124	0,261
CHR10	1262452	CHR10:1262452	SSF x Near_LoA	-7,925	-0,003	0,274
CHR10	1262453	CHR10:1262453	SSF x Near_LoA	-8,284	-0,007	0,289
CHR10	1262462	CHR10:1262462	SSF x Near_LoA	-9,427	0,006	0,274
CHR10	1286953	CHR10:1286953	SSF x Near_LoA	-9,983	-0,003	0,297
CHR10	1321728	CHR10:1321728	SSF x Near_LoA	-7,095	-0,075	0,282
CHR10	1342465	CHR10:1342465	SSF x Near_LoA	-4,636	-0,197	0,268
CHR10	1342473	CHR10:1342473	SSF x Near_LoA	-8,689	-0,059	0,288
CHR10	1342490	CHR10:1342490	SSF x Near_LoA	-8,312	-0,067	0,293
CHR10	1342509	CHR10:1342509	SSF x Near_LoA	-7,080	0,187	0,261
CHR10	1342525	CHR10:1342525	SSF x Near_LoA	-9,650	-0,048	0,287
CHR10	1342532	CHR10:1342532	SSF x Near_LoA	-6,912	-0,073	0,264
CHR10	1342560	CHR10:1342560	SSF x Near_LoA	-10,199	0,007	0,281
CHR10	1342561	CHR10:1342561	SSF x Near_LoA	-2,892	0,222	0,284
CHR10	1343471	CHR10:1343471	SSF x Near_LoA	-6,812	-0,070	0,286
CHR10	1344840	CHR10:1344840	SSF x Near_LoA	-8,007	-0,183	0,291
CHR10	1344883	CHR10:1344883	SSF x Near_LoA	-7,688	-0,098	0,287
CHR10	1344901	CHR10:1344901	SSF x Near_LoA	-6,621	-0,202	0,295
CHR10	1344917	CHR10:1344917	SSF x Near_LoA	-7,713	0,009	0,292
CHR10	1350915	CHR10:1350915	SSF x Near_LoA	-8,318	-0,083	0,288
CHR10	1351152	CHR10:1351152	SSF x Near_LoA	-6,876	-0,058	0,283
CHR10	1351384	CHR10:1351384	SSF x Near_LoA	-5,043	-0,222	0,269
CHR10	1354183	CHR10:1354183	SSF x Near_LoA	-7,866	0,095	0,291
CHR10	1354255	CHR10:1354255	SSF x Near_LoA	-5,957	0,169	0,276
CHR10	1362433	CHR10:1362433	SSF x Near_LoA	-7,694	-0,130	0,273

CHR10	1362484	CHR10:1362484	SSF x Near_LoA	-9,191	-0,066	0,289
CHR10	13656588	CHR10:13656588	SSF x Near_LoA	-9,399	-0,083	0,280
CHR10	13713692	CHR10:13713692	SSF x Near_LoA	-10,041	0,091	0,288
CHR10	1371441	CHR10:1371441	SSF x Near_LoA	-8,608	-0,063	0,283
CHR10	1374686	CHR10:1374686	SSF x Near_LoA	-10,643	0,083	0,280
CHR10	1374752	CHR10:1374752	SSF x Near_LoA	-4,136	-0,189	0,283
CHR10	1374753	CHR10:1374753	SSF x Near_LoA	-6,497	-0,190	0,272
CHR10	1374756	CHR10:1374756	SSF x Near_LoA	-5,325	-0,205	0,278
CHR10	1374834	CHR10:1374834	SSF x Near_LoA	3,006	0,219	0,269
CHR10	13769941	CHR10:13769941	SSF x Near_LoA	-10,830	-0,012	0,278
CHR10	13791236	CHR10:13791236	SSF x Near_LoA	-7,683	-0,062	0,286
CHR10	13791404	CHR10:13791404	SSF x Near_LoA	-9,163	0,001	0,285
CHR10	13792588	CHR10:13792588	SSF x Near_LoA	-8,830	0,048	0,301
CHR10	13792783	CHR10:13792783	SSF x Near_LoA	-5,584	-0,204	0,280
CHR10	13792784	CHR10:13792784	SSF x Near_LoA	-10,231	-0,021	0,302
CHR10	13806277	CHR10:13806277	SSF x Near_LoA	-7,893	0,124	0,269
CHR10	13806340	CHR10:13806340	SSF x Near_LoA	-10,027	0,031	0,275
CHR10	13813886	CHR10:13813886	SSF x Near_LoA	-6,621	-0,065	0,282
CHR10	13813927	CHR10:13813927	SSF x Near_LoA	-9,005	-0,045	0,281
CHR10	13813953	CHR10:13813953	SSF x Near_LoA	-9,043	0,088	0,299
CHR10	13824893	CHR10:13824893	SSF x Near_LoA	-8,212	0,156	0,282
CHR10	13825084	CHR10:13825084	SSF x Near_LoA	-7,151	0,024	0,295
CHR10	13828499	CHR10:13828499	SSF x Near_LoA	-8,262	0,023	0,294
CHR10	13828523	CHR10:13828523	SSF x Near_LoA	-9,307	0,046	0,294
CHR10	13851221	CHR10:13851221	SSF x Near_LoA	-7,801	0,106	0,294
CHR10	13851226	CHR10:13851226	SSF x Near_LoA	-9,315	0,059	0,295
CHR10	13851227	CHR10:13851227	SSF x Near_LoA	-7,516	0,035	0,294
CHR10	13851247	CHR10:13851247	SSF x Near_LoA	-10,096	0,055	0,288
CHR10	13851249	CHR10:13851249	SSF x Near_LoA	-10,330	0,037	0,292
CHR10	13851272	CHR10:13851272	SSF x Near_LoA	-10,285	0,050	0,284
CHR10	13863832	CHR10:13863832	SSF x Near_LoA	-8,401	-0,004	0,292
CHR10	13875824	CHR10:13875824	SSF x Near_LoA	-6,947	-0,120	0,279
CHR10	13875838	CHR10:13875838	SSF x Near_LoA	-7,795	-0,152	0,272
CHR10	13875882	CHR10:13875882	SSF x Near_LoA	-7,259	-0,165	0,290
CHR10	13875906	CHR10:13875906	SSF x Near_LoA	-7,466	0,153	0,287
CHR10	13877060	CHR10:13877060	SSF x Near_LoA	-9,248	-0,088	0,281
CHR10	13885820	CHR10:13885820	SSF x Near_LoA	-7,198	0,086	0,282
CHR10	13895026	CHR10:13895026	SSF x Near_LoA	-5,762	-0,107	0,275
CHR10	13929713	CHR10:13929713	SSF x Near_LoA	-6,326	0,092	0,287
CHR10	13934133	CHR10:13934133	SSF x Near_LoA	-6,933	-0,140	0,274
CHR10	13934982	CHR10:13934982	SSF x Near_LoA	-10,720	-0,062	0,283
CHR10	13935118	CHR10:13935118	SSF x Near_LoA	0,801	0,165	0,277
CHR10	13944573	CHR10:13944573	SSF x Near_LoA	-9,514	0,047	0,286
CHR10	13944669	CHR10:13944669	SSF x Near_LoA	-6,504	-0,064	0,282
CHR10	13944707	CHR10:13944707	SSF x Near_LoA	-8,242	-0,024	0,268
CHR10	13944721	CHR10:13944721	SSF x Near_LoA	-9,880	-0,061	0,293
CHR10	13944793	CHR10:13944793	SSF x Near_LoA	-8,904	-0,086	0,301
CHR10	13963304	CHR10:13963304	SSF x Near_LoA	-8,099	-0,040	0,289
CHR10	1398126	CHR10:1398126	SSF x Near_LoA	-9,560	-0,041	0,296
CHR10	1398141	CHR10:1398141	SSF x Near_LoA	-5,047	-0,104	0,273
CHR10	1398305	CHR10:1398305	SSF x Near_LoA	-9,357	-0,039	0,293
CHR10	1398311	CHR10:1398311	SSF x Near_LoA	-9,121	-0,002	0,280
CHR10	1398389	CHR10:1398389	SSF x Near_LoA	-6,996	0,110	0,292

CHR10	13987043	CHR10:13987043	SSF x Near_LoA	-8,840	-0,069	0,282
CHR10	14000367	CHR10:14000367	SSF x Near_LoA	-8,688	-0,001	0,293
CHR10	14000492	CHR10:14000492	SSF x Near_LoA	-7,833	0,048	0,289
CHR10	14026483	CHR10:14026483	SSF x Near_LoA	-7,708	0,057	0,295
CHR10	14026655	CHR10:14026655	SSF x Near_LoA	-6,354	-0,178	0,272
CHR10	14026702	CHR10:14026702	SSF x Near_LoA	-10,020	-0,013	0,296
CHR10	14029313	CHR10:14029313	SSF x Near_LoA	-7,106	-0,029	0,302
CHR10	14029388	CHR10:14029388	SSF x Near_LoA	-7,373	-0,121	0,297
CHR10	14029431	CHR10:14029431	SSF x Near_LoA	-7,134	-0,084	0,286
CHR10	14029474	CHR10:14029474	SSF x Near_LoA	-7,693	0,096	0,266
CHR10	14029498	CHR10:14029498	SSF x Near_LoA	-9,363	0,022	0,272
CHR10	14029522	CHR10:14029522	SSF x Near_LoA	-8,416	0,066	0,287
CHR10	14029591	CHR10:14029591	SSF x Near_LoA	-5,700	-0,191	0,291
CHR10	14056964	CHR10:14056964	SSF x Near_LoA	-6,326	0,031	0,288
CHR10	14057815	CHR10:14057815	SSF x Near_LoA	-9,736	0,088	0,286
CHR10	14057886	CHR10:14057886	SSF x Near_LoA	-10,254	0,038	0,273
CHR10	14061814	CHR10:14061814	SSF x Near_LoA	-6,384	-0,098	0,285
CHR10	14063166	CHR10:14063166	SSF x Near_LoA	-10,225	-0,094	0,287
CHR10	14063199	CHR10:14063199	SSF x Near_LoA	-9,411	-0,006	0,292
CHR10	14063209	CHR10:14063209	SSF x Near_LoA	-9,566	0,005	0,280
CHR10	14063213	CHR10:14063213	SSF x Near_LoA	-9,526	-0,005	0,292
CHR10	14063318	CHR10:14063318	SSF x Near_LoA	-7,697	0,016	0,295
CHR10	14063338	CHR10:14063338	SSF x Near_LoA	-9,980	-0,090	0,292
CHR10	14063390	CHR10:14063390	SSF x Near_LoA	-5,115	-0,199	0,277
CHR10	1407785	CHR10:1407785	SSF x Near_LoA	-5,915	-0,156	0,264
CHR10	1407797	CHR10:1407797	SSF x Near_LoA	-9,758	-0,066	0,282
CHR10	1407852	CHR10:1407852	SSF x Near_LoA	-5,735	0,032	0,304
CHR10	1407858	CHR10:1407858	SSF x Near_LoA	-9,357	0,143	0,279
CHR10	1407945	CHR10:1407945	SSF x Near_LoA	-5,618	0,112	0,283
CHR10	14096118	CHR10:14096118	SSF x Near_LoA	-9,103	-0,071	0,276
CHR10	14096164	CHR10:14096164	SSF x Near_LoA	-6,279	0,053	0,287
CHR10	14115341	CHR10:14115341	SSF x Near_LoA	-6,179	0,014	0,291
CHR10	14122426	CHR10:14122426	SSF x Near_LoA	-6,732	-0,091	0,302
CHR10	14122459	CHR10:14122459	SSF x Near_LoA	-6,545	-0,125	0,283
CHR10	1412306	CHR10:1412306	SSF x Near_LoA	-5,069	-0,119	0,284
CHR10	1412475	CHR10:1412475	SSF x Near_LoA	-6,629	-0,115	0,290
CHR10	1412499	CHR10:1412499	SSF x Near_LoA	-8,698	-0,017	0,296
CHR10	14128083	CHR10:14128083	SSF x Near_LoA	-10,879	0,027	0,285
CHR10	14128202	CHR10:14128202	SSF x Near_LoA	-8,453	0,093	0,300
CHR10	14128205	CHR10:14128205	SSF x Near_LoA	-0,203	-0,205	0,265
CHR10	14128217	CHR10:14128217	SSF x Near_LoA	-6,440	-0,176	0,274
CHR10	14128407	CHR10:14128407	SSF x Near_LoA	-8,961	0,113	0,287
CHR10	14128453	CHR10:14128453	SSF x Near_LoA	-5,238	-0,147	0,280
CHR10	14128454	CHR10:14128454	SSF x Near_LoA	-8,383	0,052	0,277
CHR10	14144456	CHR10:14144456	SSF x Near_LoA	-8,680	0,037	0,292
CHR10	14144494	CHR10:14144494	SSF x Near_LoA	-5,539	-0,054	0,276
CHR10	14151566	CHR10:14151566	SSF x Near_LoA	-7,393	-0,092	0,258
CHR10	14165165	CHR10:14165165	SSF x Near_LoA	-3,305	-0,175	0,277
CHR10	14165264	CHR10:14165264	SSF x Near_LoA	-7,716	-0,182	0,276
CHR10	14165270	CHR10:14165270	SSF x Near_LoA	-6,197	-0,113	0,282
CHR10	14165295	CHR10:14165295	SSF x Near_LoA	-6,624	-0,190	0,278
CHR10	14165402	CHR10:14165402	SSF x Near_LoA	-9,017	0,102	0,281
CHR10	14165412	CHR10:14165412	SSF x Near_LoA	-8,448	0,100	0,279

CHR10	14165415	CHR10:14165415	SSF x Near_LoA	-7,686	0,125	0,289
CHR10	14174193	CHR10:14174193	SSF x Near_LoA	-10,084	0,049	0,294
CHR10	1417549	CHR10:1417549	SSF x Near_LoA	-10,004	-0,023	0,284
CHR10	1417563	CHR10:1417563	SSF x Near_LoA	-3,056	-0,248	0,289
CHR10	1417575	CHR10:1417575	SSF x Near_LoA	-0,883	-0,183	0,297
CHR10	1417580	CHR10:1417580	SSF x Near_LoA	-4,458	0,162	0,277
CHR10	1417606	CHR10:1417606	SSF x Near_LoA	-4,882	0,203	0,281
CHR10	1417609	CHR10:1417609	SSF x Near_LoA	-5,078	0,156	0,283
CHR10	1417613	CHR10:1417613	SSF x Near_LoA	-4,868	0,146	0,276
CHR10	1417631	CHR10:1417631	SSF x Near_LoA	-6,933	0,081	0,294
CHR10	1417658	CHR10:1417658	SSF x Near_LoA	-4,414	-0,144	0,279
CHR10	1417664	CHR10:1417664	SSF x Near_LoA	-7,807	0,123	0,286
CHR10	1417706	CHR10:1417706	SSF x Near_LoA	-8,684	0,042	0,306
CHR10	1417726	CHR10:1417726	SSF x Near_LoA	-9,333	-0,053	0,290
CHR10	14186057	CHR10:14186057	SSF x Near_LoA	-1,275	-0,115	0,297
CHR10	14186273	CHR10:14186273	SSF x Near_LoA	-8,577	-0,116	0,282
CHR10	14186297	CHR10:14186297	SSF x Near_LoA	-5,859	-0,170	0,288
CHR10	14186298	CHR10:14186298	SSF x Near_LoA	-7,816	-0,151	0,278
CHR10	14190103	CHR10:14190103	SSF x Near_LoA	-9,550	-0,042	0,286
CHR10	14190157	CHR10:14190157	SSF x Near_LoA	-4,695	-0,183	0,283
CHR10	14193081	CHR10:14193081	SSF x Near_LoA	-7,638	0,084	0,291
CHR10	14197725	CHR10:14197725	SSF x Near_LoA	-6,235	-0,075	0,300
CHR10	14198634	CHR10:14198634	SSF x Near_LoA	-10,140	-0,044	0,296
CHR10	14198675	CHR10:14198675	SSF x Near_LoA	-9,754	-0,061	0,280
CHR10	14198714	CHR10:14198714	SSF x Near_LoA	-7,371	-0,027	0,275
CHR10	14209355	CHR10:14209355	SSF x Near_LoA	-7,501	-0,152	0,279
CHR10	14215180	CHR10:14215180	SSF x Near_LoA	0,153	-0,229	0,283
CHR10	14215341	CHR10:14215341	SSF x Near_LoA	-6,397	-0,189	0,272
CHR10	14216687	CHR10:14216687	SSF x Near_LoA	-4,726	-0,077	0,287
CHR10	14216782	CHR10:14216782	SSF x Near_LoA	-9,046	0,089	0,293
CHR10	14216803	CHR10:14216803	SSF x Near_LoA	-8,327	-0,190	0,275
CHR10	14216814	CHR10:14216814	SSF x Near_LoA	-9,757	0,032	0,296
CHR10	14242240	CHR10:14242240	SSF x Near_LoA	-8,192	-0,018	0,283
CHR10	14252519	CHR10:14252519	SSF x Near_LoA	-10,262	-0,017	0,295
CHR10	14252687	CHR10:14252687	SSF x Near_LoA	-6,432	-0,144	0,281
CHR10	14252713	CHR10:14252713	SSF x Near_LoA	-9,978	0,033	0,291
CHR10	14258207	CHR10:14258207	SSF x Near_LoA	-8,467	-0,039	0,285
CHR10	14258218	CHR10:14258218	SSF x Near_LoA	-8,496	-0,054	0,282
CHR10	14258235	CHR10:14258235	SSF x Near_LoA	-8,276	-0,018	0,290
CHR10	14258296	CHR10:14258296	SSF x Near_LoA	-9,359	-0,060	0,291
CHR10	14258354	CHR10:14258354	SSF x Near_LoA	-7,588	0,047	0,288
CHR10	14258368	CHR10:14258368	SSF x Near_LoA	-7,945	0,045	0,281
CHR10	14258377	CHR10:14258377	SSF x Near_LoA	-8,125	0,093	0,269
CHR10	14258389	CHR10:14258389	SSF x Near_LoA	-5,637	0,031	0,300
CHR10	14260239	CHR10:14260239	SSF x Near_LoA	-8,668	0,074	0,276
CHR10	14260258	CHR10:14260258	SSF x Near_LoA	-8,043	0,070	0,297
CHR10	14260275	CHR10:14260275	SSF x Near_LoA	-7,407	-0,005	0,300
CHR10	14260282	CHR10:14260282	SSF x Near_LoA	-6,709	-0,002	0,300
CHR10	14260294	CHR10:14260294	SSF x Near_LoA	-3,392	0,064	0,294
CHR10	14260296	CHR10:14260296	SSF x Near_LoA	-8,275	0,008	0,299
CHR10	14260322	CHR10:14260322	SSF x Near_LoA	-7,955	0,048	0,299
CHR10	14260336	CHR10:14260336	SSF x Near_LoA	-7,946	0,028	0,292
CHR10	14268192	CHR10:14268192	SSF x Near_LoA	-8,160	-0,016	0,286

CHR10	14268227	CHR10:14268227	SSF x Near_LoA	-8,587	0,049	0,291
CHR10	14287748	CHR10:14287748	SSF x Near_LoA	-7,897	-0,006	0,281
CHR10	14287753	CHR10:14287753	SSF x Near_LoA	-7,059	0,091	0,295
CHR10	14287812	CHR10:14287812	SSF x Near_LoA	-9,806	-0,016	0,285
CHR10	14293189	CHR10:14293189	SSF x Near_LoA	0,019	-0,142	0,275
CHR10	14293220	CHR10:14293220	SSF x Near_LoA	-8,046	0,134	0,263
CHR10	14303314	CHR10:14303314	SSF x Near_LoA	-8,445	0,016	0,286
CHR10	14326084	CHR10:14326084	SSF x Near_LoA	-6,692	0,162	0,270
CHR10	14326137	CHR10:14326137	SSF x Near_LoA	-2,481	0,157	0,278
CHR10	14329411	CHR10:14329411	SSF x Near_LoA	-8,073	-0,091	0,279
CHR10	14330063	CHR10:14330063	SSF x Near_LoA	1,954	-0,070	0,280
CHR10	14330067	CHR10:14330067	SSF x Near_LoA	-9,739	0,018	0,293
CHR10	14337302	CHR10:14337302	SSF x Near_LoA	-8,154	-0,004	0,297
CHR10	14337385	CHR10:14337385	SSF x Near_LoA	-6,693	-0,108	0,280
CHR10	14354813	CHR10:14354813	SSF x Near_LoA	-10,781	-0,060	0,291
CHR10	14354832	CHR10:14354832	SSF x Near_LoA	-8,291	-0,110	0,301
CHR10	14354936	CHR10:14354936	SSF x Near_LoA	-9,472	-0,006	0,297
CHR10	14367019	CHR10:14367019	SSF x Near_LoA	-7,235	0,027	0,292
CHR10	14367130	CHR10:14367130	SSF x Near_LoA	-5,254	0,114	0,285
CHR10	14367214	CHR10:14367214	SSF x Near_LoA	-9,192	0,009	0,286
CHR10	14367227	CHR10:14367227	SSF x Near_LoA	-8,981	-0,034	0,282
CHR10	14367233	CHR10:14367233	SSF x Near_LoA	-8,041	0,081	0,286
CHR10	14370234	CHR10:14370234	SSF x Near_LoA	-9,690	-0,048	0,264
CHR10	14370280	CHR10:14370280	SSF x Near_LoA	-9,142	-0,073	0,288
CHR10	14370284	CHR10:14370284	SSF x Near_LoA	-11,462	0,037	0,262
CHR10	14370297	CHR10:14370297	SSF x Near_LoA	-7,295	-0,067	0,276
CHR10	14370302	CHR10:14370302	SSF x Near_LoA	-9,233	-0,084	0,276
CHR10	14393135	CHR10:14393135	SSF x Near_LoA	-8,583	-0,124	0,294
CHR10	14393248	CHR10:14393248	SSF x Near_LoA	-5,862	0,058	0,293
CHR10	14404000	CHR10:14404000	SSF x Near_LoA	-9,799	0,064	0,295
CHR10	14404080	CHR10:14404080	SSF x Near_LoA	-7,111	-0,142	0,283
CHR10	14427030	CHR10:14427030	SSF x Near_LoA	-7,164	-0,091	0,278
CHR10	14427181	CHR10:14427181	SSF x Near_LoA	-9,600	0,015	0,282
CHR10	14427184	CHR10:14427184	SSF x Near_LoA	-9,677	0,008	0,280
CHR10	14427196	CHR10:14427196	SSF x Near_LoA	-9,940	0,017	0,276
CHR10	14442762	CHR10:14442762	SSF x Near_LoA	-4,849	0,229	0,269
CHR10	14456692	CHR10:14456692	SSF x Near_LoA	-6,593	-0,076	0,283
CHR10	14456725	CHR10:14456725	SSF x Near_LoA	-10,737	0,015	0,282
CHR10	14475285	CHR10:14475285	SSF x Near_LoA	-8,961	-0,043	0,307
CHR10	14475314	CHR10:14475314	SSF x Near_LoA	-8,587	-0,108	0,296
CHR10	14475329	CHR10:14475329	SSF x Near_LoA	-4,628	-0,113	0,296
CHR10	14483877	CHR10:14483877	SSF x Near_LoA	-7,885	-0,031	0,282
CHR10	14483949	CHR10:14483949	SSF x Near_LoA	-9,457	0,041	0,281
CHR10	14483951	CHR10:14483951	SSF x Near_LoA	-7,281	-0,083	0,292
CHR10	14483986	CHR10:14483986	SSF x Near_LoA	-9,695	-0,019	0,297
CHR10	1448894	CHR10:1448894	SSF x Near_LoA	-9,855	0,079	0,269
CHR10	14492479	CHR10:14492479	SSF x Near_LoA	-6,252	-0,080	0,279
CHR10	14492889	CHR10:14492889	SSF x Near_LoA	-7,939	0,083	0,289
CHR10	14492894	CHR10:14492894	SSF x Near_LoA	-8,612	0,085	0,274
CHR10	14492906	CHR10:14492906	SSF x Near_LoA	-8,539	0,091	0,269
CHR10	14492943	CHR10:14492943	SSF x Near_LoA	1,280	-0,007	0,293
CHR10	14518741	CHR10:14518741	SSF x Near_LoA	-7,536	-0,164	0,271
CHR10	14533636	CHR10:14533636	SSF x Near_LoA	-6,915	-0,024	0,284

CHR10	14533641	CHR10:14533641	SSF x Near_LoA	-8,064	-0,043	0,281
CHR10	14533682	CHR10:14533682	SSF x Near_LoA	-10,388	0,035	0,273
CHR10	14533716	CHR10:14533716	SSF x Near_LoA	-7,063	0,078	0,276
CHR10	14540749	CHR10:14540749	SSF x Near_LoA	-7,380	-0,028	0,287
CHR10	14543732	CHR10:14543732	SSF x Near_LoA	-9,988	-0,020	0,272
CHR10	14552797	CHR10:14552797	SSF x Near_LoA	-6,749	-0,073	0,294
CHR10	14552912	CHR10:14552912	SSF x Near_LoA	-9,880	-0,101	0,280
CHR10	14552978	CHR10:14552978	SSF x Near_LoA	-6,051	0,119	0,274
CHR10	14553046	CHR10:14553046	SSF x Near_LoA	-5,967	0,145	0,278
CHR10	14553073	CHR10:14553073	SSF x Near_LoA	-7,723	0,009	0,272
CHR10	14553115	CHR10:14553115	SSF x Near_LoA	-8,449	-0,039	0,281
CHR10	14556293	CHR10:14556293	SSF x Near_LoA	-6,901	-0,170	0,279
CHR10	14560270	CHR10:14560270	SSF x Near_LoA	-7,045	-0,120	0,276
CHR10	14560434	CHR10:14560434	SSF x Near_LoA	-9,628	-0,134	0,281
CHR10	14560468	CHR10:14560468	SSF x Near_LoA	-6,801	-0,196	0,270
CHR10	14560480	CHR10:14560480	SSF x Near_LoA	-7,534	-0,186	0,285
CHR10	14560487	CHR10:14560487	SSF x Near_LoA	-8,033	-0,185	0,277
CHR10	14560518	CHR10:14560518	SSF x Near_LoA	-6,897	0,097	0,296
CHR10	14560528	CHR10:14560528	SSF x Near_LoA	-8,465	-0,149	0,283
CHR10	14560567	CHR10:14560567	SSF x Near_LoA	-9,673	-0,157	0,270
CHR10	14560572	CHR10:14560572	SSF x Near_LoA	-8,033	-0,035	0,280
CHR10	14576160	CHR10:14576160	SSF x Near_LoA	-6,634	0,025	0,292
CHR10	14583431	CHR10:14583431	SSF x Near_LoA	-10,423	-0,033	0,277
CHR10	14583526	CHR10:14583526	SSF x Near_LoA	-5,981	-0,154	0,265
CHR10	14583529	CHR10:14583529	SSF x Near_LoA	-8,253	0,136	0,264
CHR10	14584718	CHR10:14584718	SSF x Near_LoA	-6,956	0,209	0,271
CHR10	14584728	CHR10:14584728	SSF x Near_LoA	-7,356	0,107	0,287
CHR10	14589717	CHR10:14589717	SSF x Near_LoA	-7,563	-0,010	0,276
CHR10	14589803	CHR10:14589803	SSF x Near_LoA	-10,905	-0,018	0,279
CHR10	14589818	CHR10:14589818	SSF x Near_LoA	-6,464	0,075	0,289
CHR10	14589855	CHR10:14589855	SSF x Near_LoA	-8,216	-0,001	0,297
CHR10	14589953	CHR10:14589953	SSF x Near_LoA	-6,704	0,068	0,287
CHR10	14589954	CHR10:14589954	SSF x Near_LoA	-6,878	0,104	0,286
CHR10	14618928	CHR10:14618928	SSF x Near_LoA	-6,283	-0,037	0,277
CHR10	14619152	CHR10:14619152	SSF x Near_LoA	-6,504	0,166	0,282
CHR10	1462536	CHR10:1462536	SSF x Near_LoA	-8,648	-0,132	0,271
CHR10	14629404	CHR10:14629404	SSF x Near_LoA	-7,572	-0,041	0,295
CHR10	14644634	CHR10:14644634	SSF x Near_LoA	-8,505	0,013	0,282
CHR10	14644672	CHR10:14644672	SSF x Near_LoA	-8,288	-0,010	0,290
CHR10	14644728	CHR10:14644728	SSF x Near_LoA	-6,991	-0,119	0,295
CHR10	14654092	CHR10:14654092	SSF x Near_LoA	-8,327	0,088	0,282
CHR10	14654183	CHR10:14654183	SSF x Near_LoA	-8,446	0,000	0,286
CHR10	14654255	CHR10:14654255	SSF x Near_LoA	-7,146	-0,085	0,278
CHR10	14654295	CHR10:14654295	SSF x Near_LoA	-9,893	-0,006	0,282
CHR10	14659399	CHR10:14659399	SSF x Near_LoA	-11,072	0,023	0,281
CHR10	14659599	CHR10:14659599	SSF x Near_LoA	-7,870	0,058	0,298
CHR10	14659676	CHR10:14659676	SSF x Near_LoA	-7,481	0,096	0,280
CHR10	14659682	CHR10:14659682	SSF x Near_LoA	-6,960	0,050	0,298
CHR10	14675237	CHR10:14675237	SSF x Near_LoA	-7,431	-0,148	0,279
CHR10	14681842	CHR10:14681842	SSF x Near_LoA	-1,407	-0,266	0,288
CHR10	14693644	CHR10:14693644	SSF x Near_LoA	-7,848	0,037	0,285
CHR10	14693740	CHR10:14693740	SSF x Near_LoA	-6,824	0,021	0,275
CHR10	14693758	CHR10:14693758	SSF x Near_LoA	-9,278	-0,038	0,277

CHR10	14695930	CHR10:1469593(	SSF x Near_LoA	-5,703	0,185	0,275
CHR10	14696572	CHR10:1469657(	SSF x Near_LoA	-7,949	0,033	0,295
CHR10	14696579	CHR10:1469657(	SSF x Near_LoA	-10,464	0,042	0,280
CHR10	1471009	CHR10:1471009	SSF x Near_LoA	-6,977	0,124	0,274
CHR10	14759277	CHR10:1475927(	SSF x Near_LoA	-9,478	-0,112	0,284
CHR10	14759298	CHR10:1475929(	SSF x Near_LoA	-7,585	-0,089	0,292
CHR10	14759509	CHR10:1475950(	SSF x Near_LoA	-8,677	0,029	0,273
CHR10	14759536	CHR10:1475953(	SSF x Near_LoA	-9,580	-0,046	0,279
CHR10	14762473	CHR10:1476247(	SSF x Near_LoA	-7,157	-0,051	0,287
CHR10	14773010	CHR10:1477301(	SSF x Near_LoA	-8,340	-0,179	0,283
CHR10	14773019	CHR10:1477301(	SSF x Near_LoA	-4,747	-0,164	0,277
CHR10	14773199	CHR10:1477319(	SSF x Near_LoA	-7,025	0,085	0,287
CHR10	14824862	CHR10:1482486(	SSF x Near_LoA	-6,474	-0,190	0,283
CHR10	14824868	CHR10:1482486(	SSF x Near_LoA	-7,937	0,046	0,274
CHR10	14827631	CHR10:1482763(	SSF x Near_LoA	-8,275	0,123	0,285
CHR10	14827652	CHR10:1482765(	SSF x Near_LoA	-9,253	-0,002	0,309
CHR10	14827679	CHR10:1482767(	SSF x Near_LoA	-10,183	0,068	0,283
CHR10	14827693	CHR10:1482769(	SSF x Near_LoA	-6,579	-0,034	0,295
CHR10	14827846	CHR10:1482784(	SSF x Near_LoA	-4,058	-0,224	0,280
CHR10	14841545	CHR10:1484154(	SSF x Near_LoA	-8,671	-0,018	0,291
CHR10	14841794	CHR10:1484179(	SSF x Near_LoA	-7,402	0,052	0,289
CHR10	14841832	CHR10:1484183(	SSF x Near_LoA	-6,360	0,025	0,290
CHR10	14856556	CHR10:1485655(	SSF x Near_LoA	-3,136	-0,087	0,275
CHR10	14856661	CHR10:1485666(	SSF x Near_LoA	-7,910	0,022	0,299
CHR10	14861213	CHR10:1486121(	SSF x Near_LoA	-4,540	0,245	0,254
CHR10	14861221	CHR10:1486122(	SSF x Near_LoA	0,389	0,226	0,258
CHR10	14861271	CHR10:1486127(	SSF x Near_LoA	-6,614	0,202	0,246
CHR10	14861282	CHR10:1486128(	SSF x Near_LoA	-7,354	0,100	0,269
CHR10	1488138	CHR10:1488138	SSF x Near_LoA	-6,435	-0,148	0,273
CHR10	1488148	CHR10:1488148	SSF x Near_LoA	-9,995	0,049	0,282
CHR10	1488183	CHR10:1488183	SSF x Near_LoA	-7,327	0,029	0,287
CHR10	1488253	CHR10:1488253	SSF x Near_LoA	-11,374	0,011	0,282
CHR10	14887177	CHR10:1488717(	SSF x Near_LoA	-8,439	-0,046	0,286
CHR10	14887249	CHR10:1488724(	SSF x Near_LoA	-5,311	0,029	0,276
CHR10	14889749	CHR10:1488974(	SSF x Near_LoA	-4,672	0,123	0,275
CHR10	14889753	CHR10:1488975(	SSF x Near_LoA	-5,056	0,188	0,266
CHR10	14889781	CHR10:1488978(	SSF x Near_LoA	-3,373	0,281	0,255
CHR10	14889807	CHR10:1488980(	SSF x Near_LoA	-7,124	0,145	0,278
CHR10	14889841	CHR10:1488984(	SSF x Near_LoA	-4,273	-0,174	0,284
CHR10	14895690	CHR10:1489569(	SSF x Near_LoA	-7,393	0,106	0,275
CHR10	14895887	CHR10:1489588(	SSF x Near_LoA	-8,688	0,059	0,293
CHR10	14895898	CHR10:1489589(	SSF x Near_LoA	-7,911	-0,034	0,282
CHR10	14906074	CHR10:1490607(	SSF x Near_LoA	-7,386	-0,082	0,285
CHR10	14906129	CHR10:1490612(	SSF x Near_LoA	-2,250	0,164	0,276
CHR10	14906160	CHR10:1490616(	SSF x Near_LoA	-5,120	0,138	0,277
CHR10	14906217	CHR10:1490621(	SSF x Near_LoA	-4,517	0,153	0,282
CHR10	14906236	CHR10:1490623(	SSF x Near_LoA	-5,723	0,134	0,274
CHR10	14906302	CHR10:1490630(	SSF x Near_LoA	-5,478	0,093	0,285
CHR10	14906328	CHR10:1490632(	SSF x Near_LoA	-6,886	0,079	0,280
CHR10	14909931	CHR10:1490993(	SSF x Near_LoA	-8,905	-0,060	0,285
CHR10	14918956	CHR10:1491895(	SSF x Near_LoA	-9,852	0,039	0,277
CHR10	14924696	CHR10:1492469(	SSF x Near_LoA	-3,943	0,187	0,275
CHR10	14924796	CHR10:1492479(	SSF x Near_LoA	-9,212	-0,069	0,290

CHR10	14924836	CHR10:1492483(	SSF x Near_LoA	-9,583	-0,070	0,288
CHR10	14924838	CHR10:1492483(	SSF x Near_LoA	-8,582	-0,055	0,281
CHR10	14924979	CHR10:1492497(	SSF x Near_LoA	0,550	0,124	0,295
CHR10	14935076	CHR10:1493507(	SSF x Near_LoA	-8,889	0,044	0,290
CHR10	14938739	CHR10:1493873(	SSF x Near_LoA	-9,378	-0,101	0,287
CHR10	14938816	CHR10:1493881(	SSF x Near_LoA	-8,369	-0,058	0,304
CHR10	14938817	CHR10:1493881(	SSF x Near_LoA	-7,724	-0,078	0,300
CHR10	14938821	CHR10:1493882(	SSF x Near_LoA	-8,028	-0,091	0,289
CHR10	14938830	CHR10:1493883(	SSF x Near_LoA	-7,837	-0,107	0,287
CHR10	14938955	CHR10:1493895(	SSF x Near_LoA	-7,739	0,065	0,291
CHR10	14942470	CHR10:1494247(	SSF x Near_LoA	-9,854	0,100	0,287
CHR10	14943666	CHR10:1494366(	SSF x Near_LoA	-9,559	-0,074	0,278
CHR10	14950881	CHR10:1495088(	SSF x Near_LoA	-9,769	0,056	0,286
CHR10	14951040	CHR10:1495104(	SSF x Near_LoA	-10,347	0,008	0,293
CHR10	14951054	CHR10:1495105(	SSF x Near_LoA	-7,787	-0,009	0,296
CHR10	14957248	CHR10:1495724(	SSF x Near_LoA	-7,490	0,095	0,273
CHR10	14957255	CHR10:1495725(	SSF x Near_LoA	-10,881	-0,037	0,286
CHR10	14957267	CHR10:1495726(	SSF x Near_LoA	-3,022	-0,151	0,280
CHR10	14957352	CHR10:1495735(	SSF x Near_LoA	-5,882	-0,131	0,279
CHR10	14957475	CHR10:1495747(	SSF x Near_LoA	-6,886	0,068	0,293
CHR10	14976106	CHR10:1497610(	SSF x Near_LoA	-1,156	0,181	0,259
CHR10	14976107	CHR10:1497610(	SSF x Near_LoA	-4,012	0,207	0,258
CHR10	14976669	CHR10:1497666(	SSF x Near_LoA	-8,041	0,175	0,267
CHR10	14976693	CHR10:1497669(	SSF x Near_LoA	-5,427	0,156	0,277
CHR10	14985146	CHR10:1498514(	SSF x Near_LoA	-8,857	-0,021	0,274
CHR10	14985162	CHR10:1498516(	SSF x Near_LoA	-8,460	0,024	0,295
CHR10	14985237	CHR10:1498523(	SSF x Near_LoA	-8,450	-0,044	0,291
CHR10	14985265	CHR10:1498526(	SSF x Near_LoA	-8,702	-0,073	0,277
CHR10	15025991	CHR10:1502599(	SSF x Near_LoA	-9,511	0,018	0,292
CHR10	15026154	CHR10:1502615(	SSF x Near_LoA	-1,879	-0,247	0,279
CHR10	1503019	CHR10:1503019	SSF x Near_LoA	-5,229	0,156	0,280
CHR10	1503046	CHR10:1503046	SSF x Near_LoA	-2,735	-0,211	0,284
CHR10	15034103	CHR10:1503410(	SSF x Near_LoA	-6,659	-0,092	0,303
CHR10	15034169	CHR10:1503416(	SSF x Near_LoA	-7,826	0,032	0,306
CHR10	15065675	CHR10:1506567(	SSF x Near_LoA	-10,556	-0,034	0,287
CHR10	15065791	CHR10:1506579(	SSF x Near_LoA	-7,368	-0,037	0,289
CHR10	15065833	CHR10:1506583(	SSF x Near_LoA	-7,994	-0,019	0,287
CHR10	15065846	CHR10:1506584(	SSF x Near_LoA	-5,259	-0,015	0,294
CHR10	15065895	CHR10:1506589(	SSF x Near_LoA	-5,958	-0,013	0,294
CHR10	15065961	CHR10:1506596(	SSF x Near_LoA	-9,206	-0,031	0,279
CHR10	15065964	CHR10:1506596(	SSF x Near_LoA	-7,160	-0,053	0,287
CHR10	15067240	CHR10:1506724(	SSF x Near_LoA	-9,624	-0,011	0,277
CHR10	15067251	CHR10:1506725(	SSF x Near_LoA	-9,415	-0,062	0,288
CHR10	15067288	CHR10:1506728(	SSF x Near_LoA	-8,623	-0,111	0,281
CHR10	15067291	CHR10:1506729(	SSF x Near_LoA	-8,386	-0,100	0,283
CHR10	15067298	CHR10:1506729(	SSF x Near_LoA	-8,758	-0,086	0,295
CHR10	15067319	CHR10:1506731(	SSF x Near_LoA	-5,650	-0,075	0,297
CHR10	15067654	CHR10:1506765(	SSF x Near_LoA	-8,959	-0,094	0,285
CHR10	15067718	CHR10:1506771(	SSF x Near_LoA	-8,309	-0,088	0,287
CHR10	15067730	CHR10:1506773(	SSF x Near_LoA	-7,518	-0,076	0,284
CHR10	15067749	CHR10:1506774(	SSF x Near_LoA	-8,578	-0,086	0,292
CHR10	15072650	CHR10:1507265(	SSF x Near_LoA	-8,903	-0,136	0,277
CHR10	15072664	CHR10:1507266(	SSF x Near_LoA	-5,963	-0,081	0,300

CHR10	15072681	CHR10:15072681	SSF x Near_LoA	-7,347	-0,136	0,276
CHR10	15072685	CHR10:15072685	SSF x Near_LoA	-10,009	-0,113	0,283
CHR10	15072697	CHR10:15072697	SSF x Near_LoA	-9,666	-0,072	0,284
CHR10	15072711	CHR10:15072711	SSF x Near_LoA	-6,253	-0,002	0,294
CHR10	15076865	CHR10:15076865	SSF x Near_LoA	-4,685	-0,198	0,276
CHR10	1508531	CHR10:1508531	SSF x Near_LoA	-6,502	0,203	0,281
CHR10	15086697	CHR10:15086697	SSF x Near_LoA	-7,433	-0,130	0,281
CHR10	15086724	CHR10:15086724	SSF x Near_LoA	-7,536	0,152	0,270
CHR10	15086748	CHR10:15086748	SSF x Near_LoA	-9,574	0,059	0,283
CHR10	15086929	CHR10:15086929	SSF x Near_LoA	-7,132	0,089	0,289
CHR10	15087008	CHR10:15087008	SSF x Near_LoA	-10,632	-0,013	0,292
CHR10	1508878	CHR10:1508878	SSF x Near_LoA	-4,204	0,128	0,295
CHR10	1508882	CHR10:1508882	SSF x Near_LoA	-8,233	0,071	0,294
CHR10	15094716	CHR10:15094716	SSF x Near_LoA	-7,637	0,054	0,281
CHR10	15094726	CHR10:15094726	SSF x Near_LoA	-10,167	0,048	0,295
CHR10	15100872	CHR10:15100872	SSF x Near_LoA	-8,588	0,033	0,290
CHR10	15100890	CHR10:15100890	SSF x Near_LoA	-9,337	0,030	0,295
CHR10	15105279	CHR10:15105279	SSF x Near_LoA	-9,001	-0,002	0,291
CHR10	15105283	CHR10:15105283	SSF x Near_LoA	-6,620	0,042	0,296
CHR10	15105315	CHR10:15105315	SSF x Near_LoA	-8,364	-0,036	0,287
CHR10	15105320	CHR10:15105320	SSF x Near_LoA	-7,488	0,016	0,286
CHR10	15109139	CHR10:15109139	SSF x Near_LoA	-9,536	-0,001	0,289
CHR10	15136192	CHR10:15136192	SSF x Near_LoA	-2,012	0,225	0,283
CHR10	15136238	CHR10:15136238	SSF x Near_LoA	-4,300	0,184	0,278
CHR10	15136310	CHR10:15136310	SSF x Near_LoA	0,991	0,185	0,275
CHR10	15139474	CHR10:15139474	SSF x Near_LoA	-6,514	0,097	0,294
CHR10	15139611	CHR10:15139611	SSF x Near_LoA	-7,751	0,125	0,285
CHR10	15142173	CHR10:15142173	SSF x Near_LoA	-6,455	0,151	0,280
CHR10	15144558	CHR10:15144558	SSF x Near_LoA	-3,277	0,056	0,281
CHR10	15147180	CHR10:15147180	SSF x Near_LoA	-9,939	0,003	0,287
CHR10	1520072	CHR10:1520072	SSF x Near_LoA	-4,867	0,046	0,283
CHR10	1520130	CHR10:1520130	SSF x Near_LoA	-9,691	-0,139	0,280
CHR10	1520132	CHR10:1520132	SSF x Near_LoA	-6,965	0,084	0,294
CHR10	1520182	CHR10:1520182	SSF x Near_LoA	-7,386	0,054	0,285
CHR10	1520209	CHR10:1520209	SSF x Near_LoA	-7,612	0,050	0,289
CHR10	15272190	CHR10:15272190	SSF x Near_LoA	-4,528	-0,142	0,297
CHR10	15272246	CHR10:15272246	SSF x Near_LoA	-7,821	0,001	0,294
CHR10	15316553	CHR10:15316553	SSF x Near_LoA	-8,594	0,025	0,291
CHR10	1534206	CHR10:1534206	SSF x Near_LoA	-10,403	-0,009	0,288
CHR10	15405833	CHR10:15405833	SSF x Near_LoA	-7,215	0,099	0,297
CHR10	15457872	CHR10:15457872	SSF x Near_LoA	-8,300	0,141	0,283
CHR10	15458026	CHR10:15458026	SSF x Near_LoA	-10,302	-0,069	0,294
CHR10	15554470	CHR10:15554470	SSF x Near_LoA	-7,739	-0,069	0,268
CHR10	1557086	CHR10:1557086	SSF x Near_LoA	-9,447	-0,054	0,281
CHR10	1557219	CHR10:1557219	SSF x Near_LoA	-6,047	-0,159	0,274
CHR10	1557241	CHR10:1557241	SSF x Near_LoA	-4,144	-0,146	0,287
CHR10	15580159	CHR10:15580159	SSF x Near_LoA	-7,256	-0,047	0,278
CHR10	15587352	CHR10:15587352	SSF x Near_LoA	-10,265	0,088	0,277
CHR10	15591802	CHR10:15591802	SSF x Near_LoA	-5,492	0,155	0,300
CHR10	15606243	CHR10:15606243	SSF x Near_LoA	-6,590	-0,090	0,279
CHR10	15606281	CHR10:15606281	SSF x Near_LoA	-7,317	-0,071	0,278
CHR10	15622501	CHR10:15622501	SSF x Near_LoA	-7,425	-0,086	0,288
CHR10	15624941	CHR10:15624941	SSF x Near_LoA	-1,912	0,212	0,276

CHR10	15646434	CHR10:15646434	SSF x Near_LoA	-6,406	-0,139	0,271
CHR10	15654791	CHR10:15654791	SSF x Near_LoA	-7,446	0,026	0,280
CHR10	15672856	CHR10:15672856	SSF x Near_LoA	-7,196	0,008	0,286
CHR10	15672878	CHR10:15672878	SSF x Near_LoA	-7,842	-0,050	0,284
CHR10	1568505	CHR10:1568505	SSF x Near_LoA	-8,899	0,062	0,287
CHR10	15734036	CHR10:15734036	SSF x Near_LoA	-5,592	0,046	0,283
CHR10	15734074	CHR10:15734074	SSF x Near_LoA	-9,623	-0,026	0,263
CHR10	15734091	CHR10:15734091	SSF x Near_LoA	-6,394	-0,009	0,294
CHR10	15734123	CHR10:15734123	SSF x Near_LoA	-7,253	-0,024	0,281
CHR10	15734204	CHR10:15734204	SSF x Near_LoA	-10,287	-0,025	0,290
CHR10	15734217	CHR10:15734217	SSF x Near_LoA	-9,965	0,029	0,282
CHR10	15734276	CHR10:15734276	SSF x Near_LoA	-9,902	0,078	0,276
CHR10	15752151	CHR10:15752151	SSF x Near_LoA	-6,369	0,112	0,285
CHR10	15752165	CHR10:15752165	SSF x Near_LoA	-9,932	0,053	0,289
CHR10	15752174	CHR10:15752174	SSF x Near_LoA	-9,524	0,120	0,273
CHR10	15752218	CHR10:15752218	SSF x Near_LoA	-8,535	0,123	0,275
CHR10	15756418	CHR10:15756418	SSF x Near_LoA	-8,250	-0,057	0,292
CHR10	15762488	CHR10:15762488	SSF x Near_LoA	-9,790	-0,013	0,274
CHR10	15766351	CHR10:15766351	SSF x Near_LoA	-8,680	0,153	0,282
CHR10	15770980	CHR10:15770980	SSF x Near_LoA	-4,989	-0,230	0,267
CHR10	15771926	CHR10:15771926	SSF x Near_LoA	-7,570	-0,025	0,290
CHR10	1577206	CHR10:1577206	SSF x Near_LoA	-11,187	-0,022	0,276
CHR10	1577429	CHR10:1577429	SSF x Near_LoA	-9,192	-0,098	0,285
CHR10	1577528	CHR10:1577528	SSF x Near_LoA	-5,846	-0,013	0,306
CHR10	1577537	CHR10:1577537	SSF x Near_LoA	-4,980	0,092	0,297
CHR10	15777069	CHR10:15777069	SSF x Near_LoA	-7,976	0,036	0,282
CHR10	15777186	CHR10:15777186	SSF x Near_LoA	-7,381	-0,049	0,280
CHR10	15799198	CHR10:15799198	SSF x Near_LoA	-8,047	0,030	0,287
CHR10	15799274	CHR10:15799274	SSF x Near_LoA	-9,343	-0,105	0,282
CHR10	15799368	CHR10:15799368	SSF x Near_LoA	-4,048	-0,173	0,274
CHR10	15803672	CHR10:15803672	SSF x Near_LoA	-5,340	-0,038	0,301
CHR10	15803753	CHR10:15803753	SSF x Near_LoA	-7,088	-0,085	0,291
CHR10	15819677	CHR10:15819677	SSF x Near_LoA	-9,159	-0,023	0,286
CHR10	15819756	CHR10:15819756	SSF x Near_LoA	-7,063	-0,006	0,299
CHR10	15840453	CHR10:15840453	SSF x Near_LoA	-6,297	0,112	0,285
CHR10	15840472	CHR10:15840472	SSF x Near_LoA	-9,967	-0,062	0,295
CHR10	15840651	CHR10:15840651	SSF x Near_LoA	-7,658	0,011	0,286
CHR10	15847170	CHR10:15847170	SSF x Near_LoA	-9,757	0,029	0,279
CHR10	1585350	CHR10:1585350	SSF x Near_LoA	-9,369	-0,028	0,301
CHR10	1585410	CHR10:1585410	SSF x Near_LoA	-7,246	-0,128	0,279
CHR10	15855493	CHR10:15855493	SSF x Near_LoA	-10,185	-0,050	0,268
CHR10	15866938	CHR10:15866938	SSF x Near_LoA	-6,392	-0,135	0,289
CHR10	15866944	CHR10:15866944	SSF x Near_LoA	-7,657	0,081	0,280
CHR10	15867029	CHR10:15867029	SSF x Near_LoA	-9,551	-0,045	0,288
CHR10	15867182	CHR10:15867182	SSF x Near_LoA	-8,068	-0,009	0,293
CHR10	15867254	CHR10:15867254	SSF x Near_LoA	-4,950	-0,177	0,289
CHR10	15867260	CHR10:15867260	SSF x Near_LoA	-4,998	-0,078	0,316
CHR10	15871943	CHR10:15871943	SSF x Near_LoA	-5,100	-0,181	0,286
CHR10	15871950	CHR10:15871950	SSF x Near_LoA	-5,651	0,174	0,280
CHR10	15871969	CHR10:15871969	SSF x Near_LoA	-10,524	-0,018	0,298
CHR10	15871998	CHR10:15871998	SSF x Near_LoA	-7,233	-0,022	0,304
CHR10	15872423	CHR10:15872423	SSF x Near_LoA	-10,308	0,017	0,284
CHR10	15890364	CHR10:15890364	SSF x Near_LoA	-8,875	-0,074	0,299

CHR10	15891363	CHR10:15891363	SSF x Near_LoA	-5,347	-0,103	0,300
CHR10	15891416	CHR10:15891416	SSF x Near_LoA	-6,085	-0,093	0,268
CHR10	15891456	CHR10:15891456	SSF x Near_LoA	-5,963	-0,066	0,290
CHR10	15891526	CHR10:15891526	SSF x Near_LoA	-8,465	-0,016	0,262
CHR10	15891527	CHR10:15891527	SSF x Near_LoA	-8,287	0,115	0,286
CHR10	15900602	CHR10:15900602	SSF x Near_LoA	-8,929	0,002	0,284
CHR10	15915703	CHR10:15915703	SSF x Near_LoA	-6,957	0,048	0,312
CHR10	15916771	CHR10:15916771	SSF x Near_LoA	-3,512	0,129	0,289
CHR10	15916772	CHR10:15916772	SSF x Near_LoA	-5,466	0,117	0,288
CHR10	15916837	CHR10:15916837	SSF x Near_LoA	-7,160	-0,036	0,286
CHR10	15916924	CHR10:15916924	SSF x Near_LoA	-8,244	-0,142	0,275
CHR10	15929502	CHR10:15929502	SSF x Near_LoA	-6,693	0,133	0,279
CHR10	15929551	CHR10:15929551	SSF x Near_LoA	-9,333	0,090	0,284
CHR10	15929559	CHR10:15929559	SSF x Near_LoA	-9,417	0,070	0,281
CHR10	15929661	CHR10:15929661	SSF x Near_LoA	-4,955	0,184	0,271
CHR10	15929801	CHR10:15929801	SSF x Near_LoA	-1,469	-0,164	0,284
CHR10	15941323	CHR10:15941323	SSF x Near_LoA	-7,032	-0,062	0,285
CHR10	15941390	CHR10:15941390	SSF x Near_LoA	-9,388	0,114	0,274
CHR10	15941435	CHR10:15941435	SSF x Near_LoA	-7,894	-0,044	0,288
CHR10	15941554	CHR10:15941554	SSF x Near_LoA	-8,784	0,035	0,283
CHR10	15941562	CHR10:15941562	SSF x Near_LoA	-7,443	-0,127	0,292
CHR10	1594485	CHR10:1594485	SSF x Near_LoA	-8,240	0,008	0,283
CHR10	1594569	CHR10:1594569	SSF x Near_LoA	-7,671	-0,050	0,275
CHR10	1594786	CHR10:1594786	SSF x Near_LoA	-7,343	-0,036	0,296
CHR10	15950468	CHR10:15950468	SSF x Near_LoA	-9,149	0,074	0,290
CHR10	15950477	CHR10:15950477	SSF x Near_LoA	-10,652	-0,031	0,291
CHR10	15950671	CHR10:15950671	SSF x Near_LoA	-8,604	-0,039	0,288
CHR10	15950704	CHR10:15950704	SSF x Near_LoA	-8,829	-0,078	0,279
CHR10	15950770	CHR10:15950770	SSF x Near_LoA	-8,852	0,062	0,274
CHR10	15950784	CHR10:15950784	SSF x Near_LoA	-8,227	-0,067	0,288
CHR10	15954543	CHR10:15954543	SSF x Near_LoA	-6,809	-0,037	0,292
CHR10	15954676	CHR10:15954676	SSF x Near_LoA	-8,411	-0,097	0,266
CHR10	15954710	CHR10:15954710	SSF x Near_LoA	-5,892	0,119	0,275
CHR10	15954837	CHR10:15954837	SSF x Near_LoA	-8,529	0,093	0,273
CHR10	15954865	CHR10:15954865	SSF x Near_LoA	-8,996	-0,038	0,284
CHR10	15958108	CHR10:15958108	SSF x Near_LoA	-6,185	0,123	0,292
CHR10	15958175	CHR10:15958175	SSF x Near_LoA	-9,621	0,021	0,287
CHR10	15963916	CHR10:15963916	SSF x Near_LoA	-6,072	0,121	0,294
CHR10	15964088	CHR10:15964088	SSF x Near_LoA	-9,399	0,107	0,293
CHR10	15965157	CHR10:15965157	SSF x Near_LoA	-6,682	0,084	0,300
CHR10	15965169	CHR10:15965169	SSF x Near_LoA	-7,554	-0,125	0,284
CHR10	15966978	CHR10:15966978	SSF x Near_LoA	-6,831	-0,014	0,306
CHR10	15967061	CHR10:15967061	SSF x Near_LoA	-9,306	-0,112	0,288
CHR10	15969687	CHR10:15969687	SSF x Near_LoA	-4,862	0,258	0,272
CHR10	15969694	CHR10:15969694	SSF x Near_LoA	-7,824	-0,066	0,289
CHR10	15979282	CHR10:15979282	SSF x Near_LoA	-5,255	-0,126	0,285
CHR10	15979319	CHR10:15979319	SSF x Near_LoA	-9,775	0,000	0,286
CHR10	15979392	CHR10:15979392	SSF x Near_LoA	-8,137	-0,090	0,283
CHR10	15979400	CHR10:15979400	SSF x Near_LoA	-10,997	0,034	0,287
CHR10	15992543	CHR10:15992543	SSF x Near_LoA	-9,212	0,007	0,296
CHR10	15992586	CHR10:15992586	SSF x Near_LoA	-9,803	-0,018	0,299
CHR10	15999602	CHR10:15999602	SSF x Near_LoA	-9,023	0,152	0,272
CHR10	16006199	CHR10:16006199	SSF x Near_LoA	-8,385	0,046	0,280

CHR10	16006377	CHR10:16006377	SSF x Near_LoA	-8,772	-0,001	0,291
CHR10	16009709	CHR10:16009709	SSF x Near_LoA	-7,766	0,092	0,294
CHR10	16009780	CHR10:16009780	SSF x Near_LoA	-7,554	-0,115	0,270
CHR10	16009816	CHR10:16009816	SSF x Near_LoA	-6,161	-0,005	0,300
CHR10	16010826	CHR10:16010826	SSF x Near_LoA	-8,053	-0,109	0,280
CHR10	16019380	CHR10:16019380	SSF x Near_LoA	-7,528	-0,143	0,268
CHR10	16019430	CHR10:16019430	SSF x Near_LoA	-6,865	-0,107	0,282
CHR10	16019493	CHR10:16019493	SSF x Near_LoA	-4,589	0,197	0,267
CHR10	16019506	CHR10:16019506	SSF x Near_LoA	-6,834	0,096	0,282
CHR10	16019515	CHR10:16019515	SSF x Near_LoA	-3,900	-0,160	0,292
CHR10	16019539	CHR10:16019539	SSF x Near_LoA	0,219	0,274	0,250
CHR10	1602985	CHR10:1602985	SSF x Near_LoA	-8,122	0,100	0,289
CHR10	16036144	CHR10:16036144	SSF x Near_LoA	-9,729	-0,097	0,277
CHR10	16036286	CHR10:16036286	SSF x Near_LoA	-2,794	0,174	0,289
CHR10	16036291	CHR10:16036291	SSF x Near_LoA	-2,981	0,209	0,277
CHR10	16036302	CHR10:16036302	SSF x Near_LoA	-10,128	-0,052	0,286
CHR10	16036861	CHR10:16036861	SSF x Near_LoA	-10,577	-0,023	0,290
CHR10	16036895	CHR10:16036895	SSF x Near_LoA	-8,474	-0,035	0,274
CHR10	16037038	CHR10:16037038	SSF x Near_LoA	-7,615	-0,097	0,281
CHR10	16046824	CHR10:16046824	SSF x Near_LoA	-8,950	-0,092	0,285
CHR10	16047022	CHR10:16047022	SSF x Near_LoA	-10,557	0,018	0,283
CHR10	16077903	CHR10:16077903	SSF x Near_LoA	-9,467	-0,081	0,285
CHR10	16078031	CHR10:16078031	SSF x Near_LoA	-8,841	-0,015	0,293
CHR10	16088384	CHR10:16088384	SSF x Near_LoA	-8,947	0,065	0,272
CHR10	16088408	CHR10:16088408	SSF x Near_LoA	-7,435	0,077	0,284
CHR10	16094567	CHR10:16094567	SSF x Near_LoA	-9,885	0,065	0,288
CHR10	1613414	CHR10:1613414	SSF x Near_LoA	-5,540	-0,090	0,287
CHR10	1613430	CHR10:1613430	SSF x Near_LoA	-7,861	-0,014	0,283
CHR10	1613474	CHR10:1613474	SSF x Near_LoA	-6,081	0,107	0,290
CHR10	1613735	CHR10:1613735	SSF x Near_LoA	-11,040	-0,043	0,285
CHR10	1614619	CHR10:1614619	SSF x Near_LoA	-7,940	0,009	0,280
CHR10	1614620	CHR10:1614620	SSF x Near_LoA	-6,452	0,019	0,290
CHR10	16147409	CHR10:16147409	SSF x Near_LoA	-8,291	0,084	0,291
CHR10	16147509	CHR10:16147509	SSF x Near_LoA	-7,126	0,127	0,267
CHR10	16147511	CHR10:16147511	SSF x Near_LoA	-10,318	0,051	0,283
CHR10	1614802	CHR10:1614802	SSF x Near_LoA	-10,270	-0,020	0,289
CHR10	16160791	CHR10:16160791	SSF x Near_LoA	-7,495	0,080	0,291
CHR10	16160815	CHR10:16160815	SSF x Near_LoA	-5,578	0,104	0,282
CHR10	16163485	CHR10:16163485	SSF x Near_LoA	-8,405	-0,073	0,289
CHR10	16165633	CHR10:16165633	SSF x Near_LoA	-8,269	0,061	0,286
CHR10	16167120	CHR10:16167120	SSF x Near_LoA	-6,150	-0,222	0,268
CHR10	16181064	CHR10:16181064	SSF x Near_LoA	-10,253	-0,019	0,291
CHR10	16181246	CHR10:16181246	SSF x Near_LoA	-7,091	-0,017	0,299
CHR10	16208633	CHR10:16208633	SSF x Near_LoA	-9,711	0,085	0,302
CHR10	16208706	CHR10:16208706	SSF x Near_LoA	-10,884	-0,005	0,277
CHR10	16208710	CHR10:16208710	SSF x Near_LoA	-7,671	0,020	0,293
CHR10	16208730	CHR10:16208730	SSF x Near_LoA	-3,794	0,061	0,307
CHR10	16208742	CHR10:16208742	SSF x Near_LoA	-6,825	0,088	0,300
CHR10	16208744	CHR10:16208744	SSF x Near_LoA	-6,202	0,102	0,300
CHR10	16208759	CHR10:16208759	SSF x Near_LoA	-4,909	-0,072	0,286
CHR10	16209109	CHR10:16209109	SSF x Near_LoA	-9,046	0,028	0,267
CHR10	16234978	CHR10:16234978	SSF x Near_LoA	-2,000	0,051	0,289
CHR10	16235159	CHR10:16235159	SSF x Near_LoA	-7,163	-0,102	0,289

CHR10	16235190	CHR10:1623519(	SSF x Near_LoA	-8,844	0,085	0,280
CHR10	16235211	CHR10:16235211	SSF x Near_LoA	-8,434	0,022	0,279
CHR10	16235218	CHR10:16235218	SSF x Near_LoA	-8,181	-0,110	0,284
CHR10	16235232	CHR10:16235232	SSF x Near_LoA	-1,422	0,087	0,300
CHR10	16240771	CHR10:16240771	SSF x Near_LoA	-6,705	-0,161	0,287
CHR10	16240928	CHR10:16240928	SSF x Near_LoA	-6,122	0,210	0,284
CHR10	16240939	CHR10:16240939	SSF x Near_LoA	-8,475	0,049	0,281
CHR10	16245887	CHR10:16245887	SSF x Near_LoA	0,049	-0,147	0,275
CHR10	16245912	CHR10:16245912	SSF x Near_LoA	-6,720	-0,156	0,258
CHR10	16245943	CHR10:16245943	SSF x Near_LoA	-8,957	-0,100	0,268
CHR10	16245981	CHR10:16245981	SSF x Near_LoA	-7,378	0,111	0,301
CHR10	16246032	CHR10:16246032	SSF x Near_LoA	-2,538	0,232	0,266
CHR10	16246544	CHR10:16246544	SSF x Near_LoA	-2,199	-0,225	0,274
CHR10	16246582	CHR10:16246582	SSF x Near_LoA	-4,077	0,170	0,273
CHR10	16246621	CHR10:16246621	SSF x Near_LoA	-6,961	0,126	0,285
CHR10	16246630	CHR10:1624663(	SSF x Near_LoA	-5,299	0,153	0,273
CHR10	16254949	CHR10:16254949	SSF x Near_LoA	-7,388	0,062	0,296
CHR10	16254985	CHR10:16254985	SSF x Near_LoA	-8,534	-0,021	0,294
CHR10	16255022	CHR10:16255022	SSF x Near_LoA	-8,566	0,050	0,291
CHR10	16255203	CHR10:16255203	SSF x Near_LoA	-8,752	-0,106	0,291
CHR10	16255302	CHR10:16255302	SSF x Near_LoA	-1,357	-0,272	0,260
CHR10	16257826	CHR10:16257826	SSF x Near_LoA	-8,237	0,061	0,296
CHR10	16257896	CHR10:16257896	SSF x Near_LoA	-8,745	-0,054	0,283
CHR10	16258039	CHR10:16258039	SSF x Near_LoA	-2,701	0,221	0,271
CHR10	16260771	CHR10:16260771	SSF x Near_LoA	-8,620	0,140	0,274
CHR10	16260789	CHR10:16260789	SSF x Near_LoA	-6,786	-0,223	0,275
CHR10	16260894	CHR10:16260894	SSF x Near_LoA	-7,685	-0,101	0,279
CHR10	16260996	CHR10:16260996	SSF x Near_LoA	-7,644	0,124	0,281
CHR10	1626790	CHR10:1626790	SSF x Near_LoA	-10,082	0,049	0,281
CHR10	16268183	CHR10:16268183	SSF x Near_LoA	-8,111	-0,032	0,272
CHR10	16268194	CHR10:16268194	SSF x Near_LoA	-8,616	0,042	0,287
CHR10	1626822	CHR10:1626822	SSF x Near_LoA	-9,406	0,033	0,290
CHR10	1626825	CHR10:1626825	SSF x Near_LoA	-9,266	0,074	0,277
CHR10	1626832	CHR10:1626832	SSF x Near_LoA	-5,807	0,162	0,289
CHR10	1626833	CHR10:1626833	SSF x Near_LoA	-1,605	-0,273	0,277
CHR10	1626834	CHR10:1626834	SSF x Near_LoA	-0,432	-0,306	0,262
CHR10	1626836	CHR10:1626836	SSF x Near_LoA	2,232	-0,304	0,276
CHR10	1626841	CHR10:1626841	SSF x Near_LoA	-6,802	0,132	0,292
CHR10	16268518	CHR10:16268518	SSF x Near_LoA	-9,562	0,094	0,283
CHR10	16268519	CHR10:16268519	SSF x Near_LoA	-8,653	0,018	0,292
CHR10	16268528	CHR10:16268528	SSF x Near_LoA	-6,214	0,084	0,296
CHR10	16268540	CHR10:1626854(	SSF x Near_LoA	-7,449	-0,067	0,301
CHR10	16268641	CHR10:16268641	SSF x Near_LoA	0,000	-0,229	0,282
CHR10	1626894	CHR10:1626894	SSF x Near_LoA	-7,771	-0,073	0,288
CHR10	1626909	CHR10:1626909	SSF x Near_LoA	-8,723	0,056	0,284
CHR10	1626911	CHR10:1626911	SSF x Near_LoA	-6,241	-0,120	0,292
CHR10	1626919	CHR10:1626919	SSF x Near_LoA	-5,561	0,195	0,299
CHR10	1626921	CHR10:1626921	SSF x Near_LoA	-3,191	-0,079	0,287
CHR10	1626948	CHR10:1626948	SSF x Near_LoA	-5,769	0,179	0,279
CHR10	1627088	CHR10:1627088	SSF x Near_LoA	-3,072	-0,247	0,270
CHR10	16271937	CHR10:16271937	SSF x Near_LoA	-9,625	0,064	0,270
CHR10	16272026	CHR10:16272026	SSF x Near_LoA	-8,037	-0,090	0,292
CHR10	16272035	CHR10:16272035	SSF x Near_LoA	-2,145	0,043	0,291

CHR10	16272101	CHR10:16272101	SSF x Near_LoA	-7,911	0,037	0,262
CHR10	16272123	CHR10:16272123	SSF x Near_LoA	-7,308	0,007	0,280
CHR10	16272182	CHR10:16272182	SSF x Near_LoA	-7,403	0,133	0,275
CHR10	16309458	CHR10:16309458	SSF x Near_LoA	-8,723	0,165	0,268
CHR10	16309516	CHR10:16309516	SSF x Near_LoA	-9,613	0,043	0,290
CHR10	16309668	CHR10:16309668	SSF x Near_LoA	-7,335	-0,097	0,295
CHR10	16320406	CHR10:16320406	SSF x Near_LoA	-7,758	0,101	0,271
CHR10	16320412	CHR10:16320412	SSF x Near_LoA	-7,300	0,088	0,283
CHR10	16320480	CHR10:16320480	SSF x Near_LoA	-10,483	-0,083	0,270
CHR10	16320509	CHR10:16320509	SSF x Near_LoA	-7,179	-0,097	0,276
CHR10	16320601	CHR10:16320601	SSF x Near_LoA	-8,286	0,088	0,273
CHR10	16320620	CHR10:16320620	SSF x Near_LoA	-9,034	0,095	0,288
CHR10	16320629	CHR10:16320629	SSF x Near_LoA	-8,050	0,008	0,290
CHR10	16321742	CHR10:16321742	SSF x Near_LoA	-8,047	-0,039	0,304
CHR10	16321774	CHR10:16321774	SSF x Near_LoA	-9,258	-0,085	0,296
CHR10	16321775	CHR10:16321775	SSF x Near_LoA	-2,590	-0,015	0,305
CHR10	16321795	CHR10:16321795	SSF x Near_LoA	-5,976	-0,034	0,298
CHR10	16321831	CHR10:16321831	SSF x Near_LoA	-9,842	0,002	0,289
CHR10	16321982	CHR10:16321982	SSF x Near_LoA	-7,828	0,043	0,295
CHR10	16339083	CHR10:16339083	SSF x Near_LoA	-8,719	0,022	0,292
CHR10	1637490	CHR10:1637490	SSF x Near_LoA	-8,121	0,130	0,285
CHR10	1640179	CHR10:1640179	SSF x Near_LoA	-8,411	0,110	0,290
CHR10	1640259	CHR10:1640259	SSF x Near_LoA	-4,568	0,115	0,290
CHR10	1640304	CHR10:1640304	SSF x Near_LoA	-1,942	-0,241	0,270
CHR10	16408228	CHR10:16408228	SSF x Near_LoA	-8,993	0,078	0,287
CHR10	16426496	CHR10:16426496	SSF x Near_LoA	-5,700	-0,173	0,278
CHR10	16444527	CHR10:16444527	SSF x Near_LoA	-9,542	0,037	0,274
CHR10	16444601	CHR10:16444601	SSF x Near_LoA	-8,889	-0,065	0,291
CHR10	16444660	CHR10:16444660	SSF x Near_LoA	-7,890	0,110	0,280
CHR10	16444723	CHR10:16444723	SSF x Near_LoA	-5,761	-0,166	0,283
CHR10	16444741	CHR10:16444741	SSF x Near_LoA	-4,109	-0,105	0,293
CHR10	16444752	CHR10:16444752	SSF x Near_LoA	-10,353	-0,007	0,282
CHR10	16444776	CHR10:16444776	SSF x Near_LoA	-8,920	-0,056	0,275
CHR10	1645126	CHR10:1645126	SSF x Near_LoA	-9,855	0,115	0,293
CHR10	1645294	CHR10:1645294	SSF x Near_LoA	-2,170	-0,211	0,270
CHR10	16456227	CHR10:16456227	SSF x Near_LoA	-10,659	0,002	0,295
CHR10	16456247	CHR10:16456247	SSF x Near_LoA	-5,781	0,074	0,292
CHR10	16456317	CHR10:16456317	SSF x Near_LoA	-6,104	-0,069	0,292
CHR10	16456552	CHR10:16456552	SSF x Near_LoA	-10,726	0,046	0,283
CHR10	16456577	CHR10:16456577	SSF x Near_LoA	-8,749	0,002	0,288
CHR10	16456578	CHR10:16456578	SSF x Near_LoA	-9,029	-0,057	0,301
CHR10	16456584	CHR10:16456584	SSF x Near_LoA	-8,275	0,134	0,272
CHR10	16456599	CHR10:16456599	SSF x Near_LoA	-9,925	0,027	0,298
CHR10	16468764	CHR10:16468764	SSF x Near_LoA	-7,679	0,100	0,284
CHR10	16468770	CHR10:16468770	SSF x Near_LoA	-7,827	0,101	0,286
CHR10	16468774	CHR10:16468774	SSF x Near_LoA	-7,828	0,109	0,275
CHR10	16468797	CHR10:16468797	SSF x Near_LoA	-9,231	-0,057	0,306
CHR10	16468801	CHR10:16468801	SSF x Near_LoA	-7,823	0,038	0,283
CHR10	16468805	CHR10:16468805	SSF x Near_LoA	-9,326	0,038	0,296
CHR10	16468821	CHR10:16468821	SSF x Near_LoA	-8,747	-0,064	0,283
CHR10	16468837	CHR10:16468837	SSF x Near_LoA	-8,904	-0,068	0,285
CHR10	16468852	CHR10:16468852	SSF x Near_LoA	-7,384	0,118	0,280
CHR10	16471951	CHR10:16471951	SSF x Near_LoA	-9,684	0,067	0,276

CHR10	16471963	CHR10:16471963	SSF x Near_LoA	-3,891	-0,162	0,279
CHR10	16471995	CHR10:16471995	SSF x Near_LoA	-4,513	0,074	0,278
CHR10	16479025	CHR10:16479025	SSF x Near_LoA	-5,381	0,185	0,277
CHR10	16479075	CHR10:16479075	SSF x Near_LoA	-6,305	0,177	0,276
CHR10	16479095	CHR10:16479095	SSF x Near_LoA	-5,527	-0,110	0,295
CHR10	16490260	CHR10:16490260	SSF x Near_LoA	-10,207	-0,059	0,293
CHR10	16490302	CHR10:16490302	SSF x Near_LoA	-7,972	-0,007	0,300
CHR10	16496900	CHR10:16496900	SSF x Near_LoA	-10,321	-0,035	0,298
CHR10	16501427	CHR10:16501427	SSF x Near_LoA	-6,314	0,104	0,285
CHR10	16501536	CHR10:16501536	SSF x Near_LoA	-6,862	0,071	0,284
CHR10	16501544	CHR10:16501544	SSF x Near_LoA	-6,707	0,198	0,296
CHR10	16516755	CHR10:16516755	SSF x Near_LoA	-7,441	-0,046	0,293
CHR10	16516804	CHR10:16516804	SSF x Near_LoA	-9,508	0,086	0,287
CHR10	16526369	CHR10:16526369	SSF x Near_LoA	-9,485	0,062	0,279
CHR10	16526421	CHR10:16526421	SSF x Near_LoA	-7,258	-0,086	0,284
CHR10	16526572	CHR10:16526572	SSF x Near_LoA	-7,262	-0,050	0,280
CHR10	16529586	CHR10:16529586	SSF x Near_LoA	-6,281	0,039	0,281
CHR10	16529686	CHR10:16529686	SSF x Near_LoA	-5,970	-0,099	0,287
CHR10	16550023	CHR10:16550023	SSF x Near_LoA	-8,899	0,029	0,296
CHR10	16550653	CHR10:16550653	SSF x Near_LoA	-8,272	-0,044	0,294
CHR10	16550659	CHR10:16550659	SSF x Near_LoA	-7,872	0,001	0,297
CHR10	16587308	CHR10:16587308	SSF x Near_LoA	-6,843	-0,060	0,300
CHR10	16587350	CHR10:16587350	SSF x Near_LoA	-7,709	-0,019	0,280
CHR10	16587359	CHR10:16587359	SSF x Near_LoA	-5,483	-0,050	0,295
CHR10	16587368	CHR10:16587368	SSF x Near_LoA	-6,898	-0,100	0,291
CHR10	16587427	CHR10:16587427	SSF x Near_LoA	-7,960	0,082	0,284
CHR10	16587449	CHR10:16587449	SSF x Near_LoA	-7,364	0,111	0,280
CHR10	16587472	CHR10:16587472	SSF x Near_LoA	-1,301	0,252	0,262
CHR10	16587496	CHR10:16587496	SSF x Near_LoA	-7,738	-0,125	0,295
CHR10	16587503	CHR10:16587503	SSF x Near_LoA	-6,687	-0,156	0,282
CHR10	16587524	CHR10:16587524	SSF x Near_LoA	-7,485	-0,147	0,275
CHR10	16601644	CHR10:16601644	SSF x Near_LoA	-7,429	0,127	0,279
CHR10	16601680	CHR10:16601680	SSF x Near_LoA	-8,970	0,049	0,288
CHR10	16601705	CHR10:16601705	SSF x Near_LoA	-8,495	0,011	0,292
CHR10	16601717	CHR10:16601717	SSF x Near_LoA	-7,353	0,050	0,294
CHR10	16612875	CHR10:16612875	SSF x Near_LoA	-7,009	-0,118	0,291
CHR10	16612930	CHR10:16612930	SSF x Near_LoA	-7,404	0,035	0,304
CHR10	16616281	CHR10:16616281	SSF x Near_LoA	-7,342	-0,139	0,286
CHR10	16616284	CHR10:16616284	SSF x Near_LoA	-1,935	-0,147	0,283
CHR10	16616404	CHR10:16616404	SSF x Near_LoA	-10,051	-0,072	0,290
CHR10	16616469	CHR10:16616469	SSF x Near_LoA	-10,933	0,045	0,286
CHR10	16616566	CHR10:16616566	SSF x Near_LoA	-8,638	-0,031	0,275
CHR10	16616571	CHR10:16616571	SSF x Near_LoA	-8,602	-0,018	0,275
CHR10	16637608	CHR10:16637608	SSF x Near_LoA	-9,204	-0,099	0,274
CHR10	16637610	CHR10:16637610	SSF x Near_LoA	-5,161	-0,066	0,289
CHR10	16637761	CHR10:16637761	SSF x Near_LoA	-7,527	0,015	0,303
CHR10	16637857	CHR10:16637857	SSF x Near_LoA	-9,579	-0,050	0,279
CHR10	16645566	CHR10:16645566	SSF x Near_LoA	-7,104	0,054	0,300
CHR10	16645579	CHR10:16645579	SSF x Near_LoA	-8,403	-0,007	0,275
CHR10	16649459	CHR10:16649459	SSF x Near_LoA	-7,383	-0,137	0,294
CHR10	16649513	CHR10:16649513	SSF x Near_LoA	-8,611	0,052	0,283
CHR10	16649545	CHR10:16649545	SSF x Near_LoA	-7,279	0,154	0,271
CHR10	16649599	CHR10:16649599	SSF x Near_LoA	-6,800	-0,131	0,283

CHR10	16651405	CHR10:16651405	SSF x Near_LoA	-7,412	0,065	0,294
CHR10	16651471	CHR10:16651471	SSF x Near_LoA	-10,418	-0,008	0,281
CHR10	16651646	CHR10:16651646	SSF x Near_LoA	-7,320	-0,115	0,274
CHR10	16653244	CHR10:16653244	SSF x Near_LoA	-10,475	-0,031	0,276
CHR10	16653466	CHR10:16653466	SSF x Near_LoA	-9,859	-0,103	0,282
CHR10	16656382	CHR10:16656382	SSF x Near_LoA	-9,181	0,042	0,278
CHR10	16656426	CHR10:16656426	SSF x Near_LoA	-8,706	-0,070	0,294
CHR10	16662357	CHR10:16662357	SSF x Near_LoA	-5,267	0,096	0,288
CHR10	16662381	CHR10:16662381	SSF x Near_LoA	-6,529	0,104	0,281
CHR10	16662397	CHR10:16662397	SSF x Near_LoA	-8,179	0,033	0,280
CHR10	16662435	CHR10:16662435	SSF x Near_LoA	-4,515	0,096	0,287
CHR10	16662492	CHR10:16662492	SSF x Near_LoA	-9,487	0,014	0,285
CHR10	16662531	CHR10:16662531	SSF x Near_LoA	-8,523	0,019	0,283
CHR10	16664207	CHR10:16664207	SSF x Near_LoA	-9,922	-0,074	0,277
CHR10	1671130	CHR10:1671130	SSF x Near_LoA	-9,158	-0,075	0,264
CHR10	1671202	CHR10:1671202	SSF x Near_LoA	-9,267	-0,095	0,280
CHR10	16728656	CHR10:16728656	SSF x Near_LoA	1,671	0,180	0,283
CHR10	16750716	CHR10:16750716	SSF x Near_LoA	-10,233	-0,019	0,285
CHR10	16750721	CHR10:16750721	SSF x Near_LoA	-8,536	-0,160	0,273
CHR10	16750753	CHR10:16750753	SSF x Near_LoA	-9,772	-0,120	0,278
CHR10	16750778	CHR10:16750778	SSF x Near_LoA	-9,047	-0,105	0,292
CHR10	16750814	CHR10:16750814	SSF x Near_LoA	-7,370	0,054	0,289
CHR10	16750816	CHR10:16750816	SSF x Near_LoA	-7,343	0,044	0,287
CHR10	16750824	CHR10:16750824	SSF x Near_LoA	-7,006	0,039	0,288
CHR10	16750841	CHR10:16750841	SSF x Near_LoA	-7,666	0,040	0,287
CHR10	16753036	CHR10:16753036	SSF x Near_LoA	-8,626	-0,015	0,278
CHR10	16756302	CHR10:16756302	SSF x Near_LoA	-5,534	0,062	0,277
CHR10	16756375	CHR10:16756375	SSF x Near_LoA	-4,999	-0,142	0,288
CHR10	16756424	CHR10:16756424	SSF x Near_LoA	-8,404	-0,102	0,286
CHR10	16756438	CHR10:16756438	SSF x Near_LoA	-5,791	0,081	0,281
CHR10	16756487	CHR10:16756487	SSF x Near_LoA	2,739	0,291	0,265
CHR10	16768746	CHR10:16768746	SSF x Near_LoA	-9,963	0,068	0,294
CHR10	16768788	CHR10:16768788	SSF x Near_LoA	-9,216	0,009	0,283
CHR10	16768838	CHR10:16768838	SSF x Near_LoA	-8,515	0,023	0,282
CHR10	16768861	CHR10:16768861	SSF x Near_LoA	-7,598	-0,031	0,282
CHR10	16773072	CHR10:16773072	SSF x Near_LoA	-10,608	0,038	0,277
CHR10	16773109	CHR10:16773109	SSF x Near_LoA	-3,375	-0,237	0,286
CHR10	16775713	CHR10:16775713	SSF x Near_LoA	-8,713	-0,008	0,291
CHR10	16775790	CHR10:16775790	SSF x Near_LoA	-7,155	0,148	0,276
CHR10	16775796	CHR10:16775796	SSF x Near_LoA	-8,876	0,090	0,271
CHR10	16775860	CHR10:16775860	SSF x Near_LoA	-7,030	-0,030	0,281
CHR10	16775884	CHR10:16775884	SSF x Near_LoA	-7,966	-0,002	0,272
CHR10	16795997	CHR10:16795997	SSF x Near_LoA	-9,588	-0,025	0,290
CHR10	16795998	CHR10:16795998	SSF x Near_LoA	-7,659	0,041	0,298
CHR10	16796007	CHR10:16796007	SSF x Near_LoA	-10,236	0,105	0,281
CHR10	16800141	CHR10:16800141	SSF x Near_LoA	-9,278	0,043	0,286
CHR10	16800232	CHR10:16800232	SSF x Near_LoA	-10,985	-0,065	0,292
CHR10	16800300	CHR10:16800300	SSF x Near_LoA	-7,354	0,014	0,295
CHR10	16809028	CHR10:16809028	SSF x Near_LoA	-8,439	0,117	0,293
CHR10	16809093	CHR10:16809093	SSF x Near_LoA	-10,331	0,003	0,284
CHR10	16826306	CHR10:16826306	SSF x Near_LoA	-6,735	0,098	0,286
CHR10	16826407	CHR10:16826407	SSF x Near_LoA	-8,580	-0,055	0,294
CHR10	16826492	CHR10:16826492	SSF x Near_LoA	-8,954	-0,023	0,290

CHR10	16826538	CHR10:16826538	SSF x Near_LoA	-8,169	0,074	0,291
CHR10	16826590	CHR10:16826590	SSF x Near_LoA	-7,015	-0,023	0,297
CHR10	16826593	CHR10:16826593	SSF x Near_LoA	-7,881	0,008	0,295
CHR10	16838923	CHR10:16838923	SSF x Near_LoA	-8,244	-0,072	0,274
CHR10	16838987	CHR10:16838987	SSF x Near_LoA	5,031	0,186	0,270
CHR10	16839006	CHR10:16839006	SSF x Near_LoA	-10,958	-0,024	0,275
CHR10	16839085	CHR10:16839085	SSF x Near_LoA	-6,068	-0,122	0,272
CHR10	1685205	CHR10:1685205	SSF x Near_LoA	-7,119	0,063	0,292
CHR10	16853056	CHR10:16853056	SSF x Near_LoA	-9,981	0,024	0,285
CHR10	16853117	CHR10:16853117	SSF x Near_LoA	-8,172	0,031	0,273
CHR10	16853121	CHR10:16853121	SSF x Near_LoA	-7,405	-0,007	0,289
CHR10	16853230	CHR10:16853230	SSF x Near_LoA	-7,473	0,062	0,298
CHR10	1685478	CHR10:1685478	SSF x Near_LoA	-10,301	0,037	0,281
CHR10	1685496	CHR10:1685496	SSF x Near_LoA	-4,684	0,196	0,280
CHR10	1685505	CHR10:1685505	SSF x Near_LoA	-9,018	0,130	0,287
CHR10	1685517	CHR10:1685517	SSF x Near_LoA	-8,519	0,060	0,293
CHR10	16862019	CHR10:16862019	SSF x Near_LoA	-10,110	0,038	0,284
CHR10	16862030	CHR10:16862030	SSF x Near_LoA	-10,673	0,031	0,264
CHR10	16862044	CHR10:16862044	SSF x Near_LoA	-4,773	-0,185	0,270
CHR10	16862130	CHR10:16862130	SSF x Near_LoA	-7,371	0,024	0,289
CHR10	16862296	CHR10:16862296	SSF x Near_LoA	-2,317	-0,191	0,275
CHR10	16901649	CHR10:16901649	SSF x Near_LoA	-9,473	-0,043	0,291
CHR10	16901806	CHR10:16901806	SSF x Near_LoA	-5,561	0,234	0,285
CHR10	16901888	CHR10:16901888	SSF x Near_LoA	-4,004	-0,093	0,290
CHR10	16901892	CHR10:16901892	SSF x Near_LoA	-7,842	-0,081	0,288
CHR10	16901947	CHR10:16901947	SSF x Near_LoA	-7,971	-0,088	0,288
CHR10	16901958	CHR10:16901958	SSF x Near_LoA	-9,932	-0,075	0,284
CHR10	16902032	CHR10:16902032	SSF x Near_LoA	-6,674	-0,093	0,286
CHR10	16902041	CHR10:16902041	SSF x Near_LoA	-5,578	0,182	0,277
CHR10	16902049	CHR10:16902049	SSF x Near_LoA	-8,224	-0,071	0,289
CHR10	16902078	CHR10:16902078	SSF x Near_LoA	-4,101	0,182	0,278
CHR10	1690591	CHR10:1690591	SSF x Near_LoA	-9,212	-0,030	0,275
CHR10	1690690	CHR10:1690690	SSF x Near_LoA	-1,255	0,013	0,291
CHR10	16908417	CHR10:16908417	SSF x Near_LoA	-1,407	-0,160	0,286
CHR10	16908434	CHR10:16908434	SSF x Near_LoA	-5,076	-0,138	0,282
CHR10	1690904	CHR10:1690904	SSF x Near_LoA	-7,193	0,098	0,284
CHR10	1690906	CHR10:1690906	SSF x Near_LoA	-8,226	0,127	0,275
CHR10	1690908	CHR10:1690908	SSF x Near_LoA	-9,144	0,046	0,282
CHR10	1690909	CHR10:1690909	SSF x Near_LoA	-8,074	0,124	0,284
CHR10	16910617	CHR10:16910617	SSF x Near_LoA	-8,483	0,119	0,278
CHR10	16910645	CHR10:16910645	SSF x Near_LoA	-9,623	0,085	0,304
CHR10	16910685	CHR10:16910685	SSF x Near_LoA	-10,060	-0,033	0,288
CHR10	16911883	CHR10:16911883	SSF x Near_LoA	-9,903	-0,051	0,290
CHR10	16911906	CHR10:16911906	SSF x Near_LoA	-10,156	-0,059	0,290
CHR10	16911925	CHR10:16911925	SSF x Near_LoA	-9,701	0,006	0,296
CHR10	16912001	CHR10:16912001	SSF x Near_LoA	-8,530	-0,082	0,274
CHR10	16912006	CHR10:16912006	SSF x Near_LoA	-8,050	0,067	0,292
CHR10	16926976	CHR10:16926976	SSF x Near_LoA	-7,916	0,054	0,272
CHR10	16927022	CHR10:16927022	SSF x Near_LoA	-9,331	0,000	0,292
CHR10	16927041	CHR10:16927041	SSF x Near_LoA	-6,737	-0,047	0,281
CHR10	16927185	CHR10:16927185	SSF x Near_LoA	-4,347	0,095	0,293
CHR10	16927189	CHR10:16927189	SSF x Near_LoA	-7,692	-0,082	0,287
CHR10	16927190	CHR10:16927190	SSF x Near_LoA	-8,273	0,088	0,290

CHR10	16934402	CHR10:16934402	SSF x Near_LoA	-8,627	0,029	0,291
CHR10	16934417	CHR10:16934417	SSF x Near_LoA	-9,100	0,061	0,284
CHR10	16934440	CHR10:16934440	SSF x Near_LoA	-6,204	-0,129	0,278
CHR10	16934594	CHR10:16934594	SSF x Near_LoA	-9,865	0,036	0,271
CHR10	16942626	CHR10:16942626	SSF x Near_LoA	-9,221	0,074	0,295
CHR10	16942668	CHR10:16942668	SSF x Near_LoA	-8,764	0,118	0,286
CHR10	16953196	CHR10:16953196	SSF x Near_LoA	-5,768	-0,139	0,297
CHR10	16953535	CHR10:16953535	SSF x Near_LoA	-8,329	-0,041	0,285
CHR10	16970683	CHR10:16970683	SSF x Near_LoA	-7,992	0,021	0,300
CHR10	16970690	CHR10:16970690	SSF x Near_LoA	-10,304	-0,086	0,279
CHR10	16975574	CHR10:16975574	SSF x Near_LoA	-7,092	0,036	0,290
CHR10	16975579	CHR10:16975579	SSF x Near_LoA	-8,430	-0,084	0,288
CHR10	16975633	CHR10:16975633	SSF x Near_LoA	-9,211	-0,063	0,273
CHR10	16975666	CHR10:16975666	SSF x Near_LoA	-8,572	-0,062	0,286
CHR10	16976466	CHR10:16976466	SSF x Near_LoA	-10,348	0,050	0,276
CHR10	16980114	CHR10:16980114	SSF x Near_LoA	-6,699	0,068	0,302
CHR10	16980124	CHR10:16980124	SSF x Near_LoA	-9,208	0,087	0,290
CHR10	16980133	CHR10:16980133	SSF x Near_LoA	-6,594	0,201	0,283
CHR10	16983225	CHR10:16983225	SSF x Near_LoA	-6,198	-0,073	0,289
CHR10	16988551	CHR10:16988551	SSF x Near_LoA	-9,300	-0,049	0,290
CHR10	16988560	CHR10:16988560	SSF x Near_LoA	-6,571	0,015	0,286
CHR10	17000255	CHR10:17000255	SSF x Near_LoA	-8,428	0,041	0,295
CHR10	17009809	CHR10:17009809	SSF x Near_LoA	-9,958	-0,029	0,285
CHR10	17009813	CHR10:17009813	SSF x Near_LoA	-7,281	0,136	0,282
CHR10	17009906	CHR10:17009906	SSF x Near_LoA	-7,148	0,001	0,294
CHR10	17009910	CHR10:17009910	SSF x Near_LoA	-9,314	-0,060	0,293
CHR10	17009918	CHR10:17009918	SSF x Near_LoA	-9,824	-0,067	0,278
CHR10	17009929	CHR10:17009929	SSF x Near_LoA	-6,634	0,016	0,292
CHR10	17009948	CHR10:17009948	SSF x Near_LoA	-9,591	0,040	0,302
CHR10	17009983	CHR10:17009983	SSF x Near_LoA	-7,454	-0,132	0,295
CHR10	17014079	CHR10:17014079	SSF x Near_LoA	-7,093	0,036	0,310
CHR10	17014141	CHR10:17014141	SSF x Near_LoA	-5,884	0,163	0,283
CHR10	17014151	CHR10:17014151	SSF x Near_LoA	-8,646	-0,044	0,273
CHR10	17014304	CHR10:17014304	SSF x Near_LoA	-3,303	0,130	0,291
CHR10	17014361	CHR10:17014361	SSF x Near_LoA	-8,321	-0,051	0,288
CHR10	17023747	CHR10:17023747	SSF x Near_LoA	-7,432	0,041	0,277
CHR10	17032340	CHR10:17032340	SSF x Near_LoA	-8,311	0,027	0,284
CHR10	17032361	CHR10:17032361	SSF x Near_LoA	-9,924	0,020	0,275
CHR10	17032373	CHR10:17032373	SSF x Near_LoA	-9,862	0,068	0,288
CHR10	17032483	CHR10:17032483	SSF x Near_LoA	-6,802	0,153	0,276
CHR10	17032484	CHR10:17032484	SSF x Near_LoA	-6,450	0,169	0,265
CHR10	17032486	CHR10:17032486	SSF x Near_LoA	-7,000	-0,015	0,289
CHR10	17032518	CHR10:17032518	SSF x Near_LoA	-9,885	0,109	0,297
CHR10	17032556	CHR10:17032556	SSF x Near_LoA	-8,921	0,069	0,276
CHR10	17032575	CHR10:17032575	SSF x Near_LoA	-5,738	-0,144	0,286
CHR10	17042646	CHR10:17042646	SSF x Near_LoA	-7,573	-0,007	0,294
CHR10	17042673	CHR10:17042673	SSF x Near_LoA	-7,424	0,040	0,289
CHR10	17042726	CHR10:17042726	SSF x Near_LoA	-9,757	-0,089	0,287
CHR10	17042737	CHR10:17042737	SSF x Near_LoA	-8,623	-0,116	0,284
CHR10	17042758	CHR10:17042758	SSF x Near_LoA	-8,637	0,037	0,291
CHR10	17046719	CHR10:17046719	SSF x Near_LoA	-7,525	0,070	0,300
CHR10	17046755	CHR10:17046755	SSF x Near_LoA	-8,469	-0,008	0,284
CHR10	17046761	CHR10:17046761	SSF x Near_LoA	-5,774	0,103	0,273

CHR10	17046831	CHR10:17046831	SSF x Near_LoA	-10,256	-0,026	0,279
CHR10	17046892	CHR10:17046892	SSF x Near_LoA	-8,717	-0,035	0,284
CHR10	17058787	CHR10:17058787	SSF x Near_LoA	-10,300	0,021	0,295
CHR10	17062785	CHR10:17062785	SSF x Near_LoA	-7,734	-0,020	0,289
CHR10	1707219	CHR10:1707219	SSF x Near_LoA	-3,127	-0,027	0,290
CHR10	1707346	CHR10:1707346	SSF x Near_LoA	-8,128	-0,064	0,291
CHR10	1707384	CHR10:1707384	SSF x Near_LoA	-9,395	0,012	0,293
CHR10	17087536	CHR10:17087536	SSF x Near_LoA	-7,808	0,109	0,295
CHR10	17087605	CHR10:17087605	SSF x Near_LoA	-4,403	0,176	0,284
CHR10	17089889	CHR10:17089889	SSF x Near_LoA	-6,659	-0,088	0,289
CHR10	17089981	CHR10:17089981	SSF x Near_LoA	-5,844	0,141	0,277
CHR10	17090013	CHR10:17090013	SSF x Near_LoA	-10,160	-0,062	0,292
CHR10	17095240	CHR10:17095240	SSF x Near_LoA	-9,244	0,044	0,292
CHR10	17098164	CHR10:17098164	SSF x Near_LoA	-7,017	-0,074	0,282
CHR10	17098194	CHR10:17098194	SSF x Near_LoA	-7,564	-0,135	0,285
CHR10	17108416	CHR10:17108416	SSF x Near_LoA	-8,329	-0,077	0,267
CHR10	17108430	CHR10:17108430	SSF x Near_LoA	-7,332	-0,008	0,277
CHR10	17108432	CHR10:17108432	SSF x Near_LoA	-6,864	0,149	0,278
CHR10	17114111	CHR10:17114111	SSF x Near_LoA	-6,613	0,125	0,294
CHR10	17114194	CHR10:17114194	SSF x Near_LoA	-5,317	0,156	0,290
CHR10	17114195	CHR10:17114195	SSF x Near_LoA	-4,946	0,202	0,274
CHR10	17114333	CHR10:17114333	SSF x Near_LoA	-5,164	-0,209	0,284
CHR10	17118658	CHR10:17118658	SSF x Near_LoA	-7,203	-0,023	0,287
CHR10	17118660	CHR10:17118660	SSF x Near_LoA	-8,851	-0,101	0,277
CHR10	17118745	CHR10:17118745	SSF x Near_LoA	-7,454	0,014	0,289
CHR10	1712278	CHR10:1712278	SSF x Near_LoA	-9,011	-0,038	0,298
CHR10	1712379	CHR10:1712379	SSF x Near_LoA	-9,008	0,070	0,286
CHR10	1712480	CHR10:1712480	SSF x Near_LoA	-8,871	-0,019	0,285
CHR10	17141519	CHR10:17141519	SSF x Near_LoA	-5,252	-0,171	0,287
CHR10	17141648	CHR10:17141648	SSF x Near_LoA	-8,524	0,012	0,284
CHR10	17141653	CHR10:17141653	SSF x Near_LoA	-8,086	-0,036	0,298
CHR10	17141669	CHR10:17141669	SSF x Near_LoA	-9,441	0,009	0,294
CHR10	17141714	CHR10:17141714	SSF x Near_LoA	-8,062	0,004	0,252
CHR10	17151232	CHR10:17151232	SSF x Near_LoA	-2,706	0,224	0,268
CHR10	17151261	CHR10:17151261	SSF x Near_LoA	-7,352	-0,048	0,295
CHR10	17151366	CHR10:17151366	SSF x Near_LoA	-7,652	-0,001	0,287
CHR10	17151396	CHR10:17151396	SSF x Near_LoA	-7,388	0,102	0,270
CHR10	17151399	CHR10:17151399	SSF x Near_LoA	-7,188	-0,083	0,276
CHR10	17152862	CHR10:17152862	SSF x Near_LoA	-6,362	0,117	0,290
CHR10	17173454	CHR10:17173454	SSF x Near_LoA	-3,102	0,152	0,279
CHR10	17201902	CHR10:17201902	SSF x Near_LoA	-5,920	0,137	0,292
CHR10	17201918	CHR10:17201918	SSF x Near_LoA	-10,115	-0,062	0,281
CHR10	17201934	CHR10:17201934	SSF x Near_LoA	-7,639	0,077	0,293
CHR10	17202033	CHR10:17202033	SSF x Near_LoA	-5,742	0,119	0,297
CHR10	17215584	CHR10:17215584	SSF x Near_LoA	-8,632	-0,014	0,288
CHR10	17215675	CHR10:17215675	SSF x Near_LoA	-6,856	0,015	0,281
CHR10	17223047	CHR10:17223047	SSF x Near_LoA	-9,732	-0,067	0,293
CHR10	17226875	CHR10:17226875	SSF x Near_LoA	-8,283	0,053	0,285
CHR10	17226985	CHR10:17226985	SSF x Near_LoA	-9,988	-0,073	0,278
CHR10	17227136	CHR10:17227136	SSF x Near_LoA	-6,376	-0,116	0,271
CHR10	17243522	CHR10:17243522	SSF x Near_LoA	-9,571	-0,050	0,281
CHR10	17249736	CHR10:17249736	SSF x Near_LoA	-9,615	-0,018	0,275
CHR10	17249773	CHR10:17249773	SSF x Near_LoA	-10,071	0,080	0,278

CHR10	17249912	CHR10:17249912	SSF x Near_LoA	-7,458	-0,066	0,282
CHR10	17249941	CHR10:17249941	SSF x Near_LoA	-6,952	-0,117	0,292
CHR10	17260008	CHR10:17260008	SSF x Near_LoA	-7,334	-0,023	0,296
CHR10	17260085	CHR10:17260085	SSF x Near_LoA	-7,662	-0,013	0,282
CHR10	17264686	CHR10:17264686	SSF x Near_LoA	-6,672	0,082	0,301
CHR10	17272205	CHR10:17272205	SSF x Near_LoA	-7,958	-0,056	0,270
CHR10	17272352	CHR10:17272352	SSF x Near_LoA	-7,945	-0,077	0,269
CHR10	17278406	CHR10:17278406	SSF x Near_LoA	-10,432	-0,031	0,281
CHR10	17278437	CHR10:17278437	SSF x Near_LoA	-9,686	-0,098	0,287
CHR10	17279742	CHR10:17279742	SSF x Near_LoA	-10,548	-0,067	0,281
CHR10	17279760	CHR10:17279760	SSF x Near_LoA	-9,132	-0,005	0,286
CHR10	17279807	CHR10:17279807	SSF x Near_LoA	-8,222	-0,090	0,286
CHR10	17279882	CHR10:17279882	SSF x Near_LoA	-7,595	0,046	0,295
CHR10	17279897	CHR10:17279897	SSF x Near_LoA	-9,179	-0,124	0,280
CHR10	17290226	CHR10:17290226	SSF x Near_LoA	-1,240	-0,127	0,281
CHR10	17290511	CHR10:17290511	SSF x Near_LoA	-8,183	-0,029	0,304
CHR10	17290523	CHR10:17290523	SSF x Near_LoA	-10,399	-0,091	0,283
CHR10	17302773	CHR10:17302773	SSF x Near_LoA	-6,264	0,240	0,261
CHR10	17302828	CHR10:17302828	SSF x Near_LoA	5,150	0,199	0,285
CHR10	17302850	CHR10:17302850	SSF x Near_LoA	-8,932	-0,032	0,290
CHR10	17307679	CHR10:17307679	SSF x Near_LoA	-8,948	-0,125	0,284
CHR10	17307777	CHR10:17307777	SSF x Near_LoA	-10,174	-0,035	0,281
CHR10	17307824	CHR10:17307824	SSF x Near_LoA	-7,657	-0,050	0,303
CHR10	17311957	CHR10:17311957	SSF x Near_LoA	-10,662	0,053	0,268
CHR10	17318831	CHR10:17318831	SSF x Near_LoA	-9,740	-0,103	0,276
CHR10	17318913	CHR10:17318913	SSF x Near_LoA	-1,510	-0,166	0,293
CHR10	17318933	CHR10:17318933	SSF x Near_LoA	-9,275	-0,001	0,296
CHR10	17318953	CHR10:17318953	SSF x Near_LoA	-8,045	-0,178	0,288
CHR10	17323104	CHR10:17323104	SSF x Near_LoA	-7,987	-0,034	0,297
CHR10	17334640	CHR10:17334640	SSF x Near_LoA	-10,491	0,037	0,287
CHR10	17334733	CHR10:17334733	SSF x Near_LoA	-7,043	-0,070	0,291
CHR10	17344668	CHR10:17344668	SSF x Near_LoA	-9,610	0,069	0,291
CHR10	17344675	CHR10:17344675	SSF x Near_LoA	-5,242	0,139	0,280
CHR10	17344737	CHR10:17344737	SSF x Near_LoA	-10,554	-0,001	0,298
CHR10	17344757	CHR10:17344757	SSF x Near_LoA	-6,245	0,126	0,273
CHR10	17344794	CHR10:17344794	SSF x Near_LoA	-8,773	0,054	0,276
CHR10	17344881	CHR10:17344881	SSF x Near_LoA	-6,921	0,082	0,282
CHR10	17344920	CHR10:17344920	SSF x Near_LoA	-10,271	-0,066	0,293
CHR10	1734671	CHR10:1734671	SSF x Near_LoA	-4,121	-0,176	0,284
CHR10	1734691	CHR10:1734691	SSF x Near_LoA	-2,592	-0,251	0,259
CHR10	1734816	CHR10:1734816	SSF x Near_LoA	-0,855	-0,154	0,284
CHR10	1734900	CHR10:1734900	SSF x Near_LoA	-6,254	-0,142	0,274
CHR10	17355508	CHR10:17355508	SSF x Near_LoA	-9,831	-0,020	0,290
CHR10	17355515	CHR10:17355515	SSF x Near_LoA	-9,141	0,106	0,289
CHR10	17355536	CHR10:17355536	SSF x Near_LoA	-7,260	0,026	0,284
CHR10	17355585	CHR10:17355585	SSF x Near_LoA	-1,433	-0,124	0,276
CHR10	17355657	CHR10:17355657	SSF x Near_LoA	-9,186	-0,008	0,289
CHR10	17372798	CHR10:17372798	SSF x Near_LoA	0,285	0,119	0,285
CHR10	17372831	CHR10:17372831	SSF x Near_LoA	-10,016	-0,003	0,288
CHR10	17372887	CHR10:17372887	SSF x Near_LoA	-4,895	0,032	0,282
CHR10	17372954	CHR10:17372954	SSF x Near_LoA	-7,858	0,007	0,303
CHR10	17372983	CHR10:17372983	SSF x Near_LoA	-8,116	-0,030	0,293
CHR10	17373006	CHR10:17373006	SSF x Near_LoA	-8,740	-0,020	0,299

CHR10	17373052	CHR10:17373052	SSF x Near_LoA	-3,388	0,035	0,266
CHR10	17404550	CHR10:17404550	SSF x Near_LoA	-8,546	0,062	0,292
CHR10	17404615	CHR10:17404615	SSF x Near_LoA	-8,109	-0,135	0,282
CHR10	17404648	CHR10:17404648	SSF x Near_LoA	-7,163	-0,167	0,274
CHR10	17404681	CHR10:17404681	SSF x Near_LoA	-8,922	-0,062	0,292
CHR10	17404710	CHR10:17404710	SSF x Near_LoA	-7,959	-0,044	0,288
CHR10	17404749	CHR10:17404749	SSF x Near_LoA	-5,882	-0,150	0,288
CHR10	17404762	CHR10:17404762	SSF x Near_LoA	-10,552	-0,017	0,273
CHR10	17404802	CHR10:17404802	SSF x Near_LoA	-7,058	-0,063	0,291
CHR10	17404878	CHR10:17404878	SSF x Near_LoA	-9,498	-0,063	0,282
CHR10	17408582	CHR10:17408582	SSF x Near_LoA	-7,850	-0,118	0,286
CHR10	17408602	CHR10:17408602	SSF x Near_LoA	-10,013	-0,082	0,280
CHR10	17408621	CHR10:17408621	SSF x Near_LoA	-8,617	-0,107	0,290
CHR10	17408681	CHR10:17408681	SSF x Near_LoA	-7,828	-0,094	0,300
CHR10	17408692	CHR10:17408692	SSF x Near_LoA	-8,736	-0,068	0,281
CHR10	17408696	CHR10:17408696	SSF x Near_LoA	-8,146	-0,073	0,294
CHR10	17408700	CHR10:17408700	SSF x Near_LoA	-7,024	0,040	0,279
CHR10	17408750	CHR10:17408750	SSF x Near_LoA	-6,125	0,084	0,292
CHR10	17408757	CHR10:17408757	SSF x Near_LoA	-7,873	0,095	0,274
CHR10	17408768	CHR10:17408768	SSF x Near_LoA	-7,609	-0,054	0,286
CHR10	17408779	CHR10:17408779	SSF x Near_LoA	-10,078	0,010	0,280
CHR10	17429468	CHR10:17429468	SSF x Near_LoA	-8,454	-0,018	0,288
CHR10	17429523	CHR10:17429523	SSF x Near_LoA	-5,823	0,068	0,283
CHR10	1744270	CHR10:1744270	SSF x Near_LoA	-7,538	-0,095	0,275
CHR10	17454745	CHR10:17454745	SSF x Near_LoA	-4,211	-0,220	0,273
CHR10	17456334	CHR10:17456334	SSF x Near_LoA	-9,472	-0,095	0,291
CHR10	17472871	CHR10:17472871	SSF x Near_LoA	-9,184	-0,008	0,282
CHR10	17489028	CHR10:17489028	SSF x Near_LoA	-6,208	0,048	0,291
CHR10	17491952	CHR10:17491952	SSF x Near_LoA	-9,359	0,119	0,288
CHR10	17522063	CHR10:17522063	SSF x Near_LoA	-8,941	-0,059	0,275
CHR10	17531632	CHR10:17531632	SSF x Near_LoA	-8,084	-0,008	0,299
CHR10	17531648	CHR10:17531648	SSF x Near_LoA	-7,255	0,056	0,292
CHR10	17531655	CHR10:17531655	SSF x Near_LoA	-5,868	0,076	0,295
CHR10	17531700	CHR10:17531700	SSF x Near_LoA	-8,879	0,063	0,289
CHR10	17540299	CHR10:17540299	SSF x Near_LoA	-10,128	0,080	0,288
CHR10	17540354	CHR10:17540354	SSF x Near_LoA	-3,422	-0,232	0,257
CHR10	17540379	CHR10:17540379	SSF x Near_LoA	-5,955	0,213	0,272
CHR10	17540398	CHR10:17540398	SSF x Near_LoA	-8,880	-0,150	0,269
CHR10	17563036	CHR10:17563036	SSF x Near_LoA	-4,870	0,155	0,295
CHR10	17563043	CHR10:17563043	SSF x Near_LoA	-7,997	-0,022	0,282
CHR10	17563156	CHR10:17563156	SSF x Near_LoA	-2,271	0,251	0,267
CHR10	17563176	CHR10:17563176	SSF x Near_LoA	-7,061	0,104	0,290
CHR10	17563241	CHR10:17563241	SSF x Near_LoA	-7,484	-0,050	0,293
CHR10	17566766	CHR10:17566766	SSF x Near_LoA	-6,224	-0,183	0,280
CHR10	17566780	CHR10:17566780	SSF x Near_LoA	-6,672	0,187	0,267
CHR10	17566807	CHR10:17566807	SSF x Near_LoA	-6,893	0,136	0,285
CHR10	17566862	CHR10:17566862	SSF x Near_LoA	-7,719	-0,001	0,276
CHR10	17589828	CHR10:17589828	SSF x Near_LoA	-5,649	0,146	0,287
CHR10	17594553	CHR10:17594553	SSF x Near_LoA	-5,964	-0,096	0,288
CHR10	17594603	CHR10:17594603	SSF x Near_LoA	-4,939	0,002	0,294
CHR10	17596816	CHR10:17596816	SSF x Near_LoA	-3,812	-0,165	0,288
CHR10	17596863	CHR10:17596863	SSF x Near_LoA	-3,683	-0,172	0,279
CHR10	17596992	CHR10:17596992	SSF x Near_LoA	-6,795	0,088	0,283

CHR10	17597002	CHR10:17597002	SSF x Near_LoA	-9,611	-0,073	0,287
CHR10	17597044	CHR10:17597044	SSF x Near_LoA	-7,453	0,004	0,284
CHR10	17625637	CHR10:17625637	SSF x Near_LoA	-6,411	0,078	0,310
CHR10	17631238	CHR10:17631238	SSF x Near_LoA	-7,857	0,127	0,283
CHR10	17631241	CHR10:17631241	SSF x Near_LoA	-5,595	0,114	0,285
CHR10	17637879	CHR10:17637879	SSF x Near_LoA	-9,994	-0,045	0,299
CHR10	17637914	CHR10:17637914	SSF x Near_LoA	2,897	0,003	0,291
CHR10	17637937	CHR10:17637937	SSF x Near_LoA	-10,612	-0,019	0,302
CHR10	17637961	CHR10:17637961	SSF x Near_LoA	-10,439	0,011	0,290
CHR10	17657246	CHR10:17657246	SSF x Near_LoA	-9,259	-0,090	0,268
CHR10	17657247	CHR10:17657247	SSF x Near_LoA	-9,690	0,092	0,283
CHR10	17657270	CHR10:17657270	SSF x Near_LoA	-7,631	0,042	0,277
CHR10	17657271	CHR10:17657271	SSF x Near_LoA	-10,485	0,044	0,267
CHR10	17657280	CHR10:17657280	SSF x Near_LoA	-8,393	-0,039	0,288
CHR10	17657324	CHR10:17657324	SSF x Near_LoA	-9,170	-0,035	0,290
CHR10	17657340	CHR10:17657340	SSF x Near_LoA	-9,489	-0,026	0,301
CHR10	17657355	CHR10:17657355	SSF x Near_LoA	-9,532	-0,046	0,286
CHR10	1765940	CHR10:1765940	SSF x Near_LoA	-9,615	0,073	0,299
CHR10	17666034	CHR10:17666034	SSF x Near_LoA	-10,900	0,022	0,287
CHR10	17674448	CHR10:17674448	SSF x Near_LoA	-7,716	0,026	0,301
CHR10	17674486	CHR10:17674486	SSF x Near_LoA	-8,298	0,001	0,298
CHR10	17674528	CHR10:17674528	SSF x Near_LoA	-7,666	0,054	0,289
CHR10	17690504	CHR10:17690504	SSF x Near_LoA	-6,283	-0,161	0,285
CHR10	17690526	CHR10:17690526	SSF x Near_LoA	-6,829	-0,145	0,272
CHR10	17690539	CHR10:17690539	SSF x Near_LoA	-9,071	0,085	0,298
CHR10	17690570	CHR10:17690570	SSF x Near_LoA	-4,587	0,063	0,295
CHR10	17696923	CHR10:17696923	SSF x Near_LoA	-7,792	0,100	0,280
CHR10	17696942	CHR10:17696942	SSF x Near_LoA	-8,195	0,007	0,280
CHR10	17696946	CHR10:17696946	SSF x Near_LoA	-7,190	-0,169	0,280
CHR10	17711956	CHR10:17711956	SSF x Near_LoA	-9,056	0,008	0,283
CHR10	17711961	CHR10:17711961	SSF x Near_LoA	-7,490	-0,021	0,286
CHR10	17711998	CHR10:17711998	SSF x Near_LoA	-7,383	-0,188	0,265
CHR10	17712045	CHR10:17712045	SSF x Near_LoA	-9,562	-0,003	0,284
CHR10	17712049	CHR10:17712049	SSF x Near_LoA	-7,808	-0,085	0,286
CHR10	17719738	CHR10:17719738	SSF x Near_LoA	-6,691	-0,019	0,290
CHR10	17719751	CHR10:17719751	SSF x Near_LoA	-4,817	-0,103	0,283
CHR10	17719792	CHR10:17719792	SSF x Near_LoA	-2,834	-0,090	0,287
CHR10	17719877	CHR10:17719877	SSF x Near_LoA	-9,028	0,119	0,277
CHR10	17729551	CHR10:17729551	SSF x Near_LoA	-4,952	-0,139	0,285
CHR10	17729560	CHR10:17729560	SSF x Near_LoA	-6,868	0,031	0,283
CHR10	17731296	CHR10:17731296	SSF x Near_LoA	-6,667	-0,106	0,279
CHR10	17731314	CHR10:17731314	SSF x Near_LoA	-7,666	0,030	0,271
CHR10	17731403	CHR10:17731403	SSF x Near_LoA	-9,468	0,109	0,286
CHR10	1774227	CHR10:1774227	SSF x Near_LoA	-8,377	-0,084	0,292
CHR10	1774266	CHR10:1774266	SSF x Near_LoA	-6,525	-0,068	0,294
CHR10	17747279	CHR10:17747279	SSF x Near_LoA	-10,491	-0,072	0,296
CHR10	17784196	CHR10:17784196	SSF x Near_LoA	-1,204	0,077	0,295
CHR10	17784208	CHR10:17784208	SSF x Near_LoA	-9,057	0,063	0,289
CHR10	17784250	CHR10:17784250	SSF x Near_LoA	-7,919	-0,010	0,306
CHR10	17784277	CHR10:17784277	SSF x Near_LoA	-7,748	0,030	0,286
CHR10	17784279	CHR10:17784279	SSF x Near_LoA	-7,559	0,099	0,280
CHR10	17784334	CHR10:17784334	SSF x Near_LoA	-9,174	-0,127	0,285
CHR10	17784405	CHR10:17784405	SSF x Near_LoA	-8,775	-0,039	0,273

CHR10	1780749	CHR10:1780749	SSF x Near_LoA	2,096	-0,033	0,290
CHR10	1780839	CHR10:1780839	SSF x Near_LoA	-8,208	0,061	0,281
CHR10	17829496	CHR10:1782949[illegible]	SSF x Near_LoA	-6,934	0,116	0,293
CHR10	17838679	CHR10:1783867[illegible]	SSF x Near_LoA	-9,285	-0,077	0,284
CHR10	17838681	CHR10:1783868[illegible]	SSF x Near_LoA	-2,264	0,084	0,283
CHR10	17838690	CHR10:1783869[illegible]	SSF x Near_LoA	-2,601	-0,104	0,281
CHR10	17838887	CHR10:1783888[illegible]	SSF x Near_LoA	-6,833	0,211	0,270
CHR10	17838890	CHR10:1783889[illegible]	SSF x Near_LoA	-5,753	-0,172	0,283
CHR10	17838901	CHR10:1783890[illegible]	SSF x Near_LoA	-10,069	-0,023	0,281
CHR10	17838927	CHR10:1783892[illegible]	SSF x Near_LoA	-4,934	0,164	0,277
CHR10	17841034	CHR10:1784103[illegible]	SSF x Near_LoA	-10,808	0,033	0,285
CHR10	17841053	CHR10:1784105[illegible]	SSF x Near_LoA	-6,712	-0,115	0,293
CHR10	17841073	CHR10:1784107[illegible]	SSF x Near_LoA	-9,141	0,094	0,292
CHR10	17841130	CHR10:1784113[illegible]	SSF x Near_LoA	-4,335	-0,118	0,284
CHR10	17841170	CHR10:1784117[illegible]	SSF x Near_LoA	-8,322	-0,049	0,290
CHR10	17841183	CHR10:1784118[illegible]	SSF x Near_LoA	-8,104	0,156	0,285
CHR10	17841184	CHR10:1784118[illegible]	SSF x Near_LoA	-3,867	0,055	0,280
CHR10	17841194	CHR10:1784119[illegible]	SSF x Near_LoA	-8,265	-0,059	0,284
CHR10	17850443	CHR10:1785044[illegible]	SSF x Near_LoA	-7,609	0,068	0,274
CHR10	17850544	CHR10:1785054[illegible]	SSF x Near_LoA	-6,883	-0,003	0,282
CHR10	17850583	CHR10:1785058[illegible]	SSF x Near_LoA	-8,925	0,098	0,282
CHR10	17850697	CHR10:1785069[illegible]	SSF x Near_LoA	-7,021	-0,119	0,260
CHR10	17855190	CHR10:1785519[illegible]	SSF x Near_LoA	-6,419	-0,087	0,282
CHR10	17855353	CHR10:1785535[illegible]	SSF x Near_LoA	-6,738	-0,077	0,293
CHR10	17860043	CHR10:1786004[illegible]	SSF x Near_LoA	-7,306	0,174	0,280
CHR10	17860057	CHR10:1786005[illegible]	SSF x Near_LoA	-4,646	-0,114	0,284
CHR10	17860125	CHR10:1786012[illegible]	SSF x Near_LoA	-4,409	-0,211	0,270
CHR10	17860178	CHR10:1786017[illegible]	SSF x Near_LoA	-6,243	0,091	0,281
CHR10	17860183	CHR10:1786018[illegible]	SSF x Near_LoA	-7,506	0,038	0,283
CHR10	17860196	CHR10:1786019[illegible]	SSF x Near_LoA	-5,376	-0,162	0,278
CHR10	17860232	CHR10:1786023[illegible]	SSF x Near_LoA	-7,416	0,031	0,291
CHR10	17871560	CHR10:1787156[illegible]	SSF x Near_LoA	-5,366	0,166	0,279
CHR10	17872102	CHR10:1787210[illegible]	SSF x Near_LoA	-6,183	0,195	0,269
CHR10	17872105	CHR10:1787210[illegible]	SSF x Near_LoA	-9,239	0,031	0,302
CHR10	17872121	CHR10:1787212[illegible]	SSF x Near_LoA	-8,047	-0,097	0,292
CHR10	17872162	CHR10:1787216[illegible]	SSF x Near_LoA	-8,960	0,023	0,293
CHR10	17872169	CHR10:1787216[illegible]	SSF x Near_LoA	-6,611	-0,159	0,281
CHR10	17886105	CHR10:1788610[illegible]	SSF x Near_LoA	-9,147	-0,056	0,303
CHR10	17886112	CHR10:1788611[illegible]	SSF x Near_LoA	-10,293	0,032	0,290
CHR10	17886372	CHR10:1788637[illegible]	SSF x Near_LoA	-9,876	-0,006	0,287
CHR10	17886400	CHR10:1788640[illegible]	SSF x Near_LoA	-8,091	0,061	0,269
CHR10	17909510	CHR10:1790951[illegible]	SSF x Near_LoA	-8,313	-0,137	0,270
CHR10	17909529	CHR10:1790952[illegible]	SSF x Near_LoA	-7,031	0,082	0,287
CHR10	17912162	CHR10:1791216[illegible]	SSF x Near_LoA	-8,060	-0,162	0,277
CHR10	17912173	CHR10:1791217[illegible]	SSF x Near_LoA	-6,459	-0,149	0,268
CHR10	17912206	CHR10:1791220[illegible]	SSF x Near_LoA	-10,061	0,092	0,283
CHR10	17912226	CHR10:1791222[illegible]	SSF x Near_LoA	-7,066	-0,118	0,282
CHR10	17912230	CHR10:1791223[illegible]	SSF x Near_LoA	-9,376	0,006	0,291
CHR10	17912249	CHR10:1791224[illegible]	SSF x Near_LoA	-8,106	-0,101	0,284
CHR10	17913047	CHR10:1791304[illegible]	SSF x Near_LoA	-8,841	0,027	0,294
CHR10	1794020	CHR10:1794020	SSF x Near_LoA	-6,494	0,104	0,278
CHR10	17940778	CHR10:1794077[illegible]	SSF x Near_LoA	-8,652	-0,053	0,291
CHR10	17940956	CHR10:1794095[illegible]	SSF x Near_LoA	-9,223	-0,127	0,283

CHR10	1794170	CHR10:1794170	SSF x Near_LoA	-4,166	0,136	0,296
CHR10	1794470	CHR10:1794470	SSF x Near_LoA	-8,372	0,158	0,293
CHR10	17972098	CHR10:1797209	SSF x Near_LoA	-7,221	-0,023	0,301
CHR10	17972131	CHR10:1797213	SSF x Near_LoA	-11,058	-0,053	0,284
CHR10	17972146	CHR10:1797214	SSF x Near_LoA	-8,904	-0,039	0,277
CHR10	17973387	CHR10:1797338	SSF x Near_LoA	-9,141	-0,065	0,293
CHR10	18004804	CHR10:1800480	SSF x Near_LoA	-7,714	-0,079	0,293
CHR10	1802083	CHR10:1802083	SSF x Near_LoA	-8,143	-0,046	0,270
CHR10	1802108	CHR10:1802108	SSF x Near_LoA	-6,800	0,133	0,303
CHR10	1802221	CHR10:1802221	SSF x Near_LoA	-10,336	-0,048	0,289
CHR10	1802246	CHR10:1802246	SSF x Near_LoA	-8,457	-0,009	0,294
CHR10	18028599	CHR10:1802859	SSF x Near_LoA	-7,056	0,059	0,306
CHR10	18032766	CHR10:1803276	SSF x Near_LoA	-7,122	-0,043	0,287
CHR10	18032791	CHR10:1803279	SSF x Near_LoA	-10,773	-0,001	0,275
CHR10	18044790	CHR10:1804479	SSF x Near_LoA	-7,183	0,135	0,271
CHR10	18044848	CHR10:1804484	SSF x Near_LoA	-6,032	0,116	0,300
CHR10	18044889	CHR10:1804488	SSF x Near_LoA	-7,017	0,130	0,289
CHR10	1808145	CHR10:1808145	SSF x Near_LoA	-9,885	0,001	0,291
CHR10	1808189	CHR10:1808189	SSF x Near_LoA	-7,608	-0,056	0,282
CHR10	1823928	CHR10:1823928	SSF x Near_LoA	-7,513	0,071	0,290
CHR10	1843195	CHR10:1843195	SSF x Near_LoA	-7,277	-0,065	0,292
CHR10	1843304	CHR10:1843304	SSF x Near_LoA	-9,734	-0,061	0,287
CHR10	1848721	CHR10:1848721	SSF x Near_LoA	-8,245	-0,072	0,288
CHR10	1854835	CHR10:1854835	SSF x Near_LoA	-5,085	0,185	0,283
CHR10	1854979	CHR10:1854979	SSF x Near_LoA	-9,762	0,067	0,302
CHR10	1855058	CHR10:1855058	SSF x Near_LoA	-7,607	0,061	0,289
CHR10	1860435	CHR10:1860435	SSF x Near_LoA	-9,617	-0,066	0,291
CHR10	1861150	CHR10:1861150	SSF x Near_LoA	-8,624	-0,173	0,275
CHR10	1864924	CHR10:1864924	SSF x Near_LoA	-7,651	-0,044	0,292
CHR10	1864929	CHR10:1864929	SSF x Near_LoA	-6,438	0,030	0,283
CHR10	1864938	CHR10:1864938	SSF x Near_LoA	-6,855	0,026	0,283
CHR10	1864969	CHR10:1864969	SSF x Near_LoA	-7,775	0,004	0,281
CHR10	1864985	CHR10:1864985	SSF x Near_LoA	-10,973	-0,037	0,282
CHR10	1865005	CHR10:1865005	SSF x Near_LoA	-6,922	-0,127	0,294
CHR10	1865092	CHR10:1865092	SSF x Near_LoA	-7,997	0,021	0,287
CHR10	1872277	CHR10:1872277	SSF x Near_LoA	-10,279	-0,011	0,283
CHR10	1872366	CHR10:1872366	SSF x Near_LoA	-7,849	0,096	0,260
CHR10	1872457	CHR10:1872457	SSF x Near_LoA	-9,362	0,065	0,303
CHR10	1872491	CHR10:1872491	SSF x Near_LoA	-6,458	-0,006	0,304
CHR10	1872534	CHR10:1872534	SSF x Near_LoA	-7,451	0,084	0,297
CHR10	1876050	CHR10:1876050	SSF x Near_LoA	-9,930	0,077	0,292
CHR10	1876097	CHR10:1876097	SSF x Near_LoA	-7,366	0,003	0,303
CHR10	1876105	CHR10:1876105	SSF x Near_LoA	-8,527	-0,016	0,277
CHR10	1876168	CHR10:1876168	SSF x Near_LoA	-10,207	0,008	0,287
CHR10	1890246	CHR10:1890246	SSF x Near_LoA	-8,031	-0,091	0,282
CHR10	1890288	CHR10:1890288	SSF x Near_LoA	-8,549	-0,020	0,286
CHR10	1890302	CHR10:1890302	SSF x Near_LoA	-8,799	0,103	0,271
CHR10	1890419	CHR10:1890419	SSF x Near_LoA	-8,258	-0,071	0,276
CHR10	1894008	CHR10:1894008	SSF x Near_LoA	-8,843	0,059	0,297
CHR10	1894055	CHR10:1894055	SSF x Near_LoA	-8,909	0,008	0,290
CHR10	1894165	CHR10:1894165	SSF x Near_LoA	-10,742	-0,028	0,279
CHR10	1894333	CHR10:1894333	SSF x Near_LoA	-9,701	0,065	0,278
CHR10	19200659	CHR10:1920065	SSF x Near_LoA	-7,782	-0,058	0,296

CHR10	19237368	CHR10:19237368	SSF x Near_LoA	3,060	-0,012	0,274
CHR10	19237373	CHR10:19237373	SSF x Near_LoA	-6,982	0,049	0,278
CHR10	1927459	CHR10:1927459	SSF x Near_LoA	-8,846	-0,055	0,290
CHR10	1927474	CHR10:1927474	SSF x Near_LoA	-8,705	-0,075	0,285
CHR10	19278005	CHR10:19278005	SSF x Near_LoA	-8,634	-0,040	0,297
CHR10	19281915	CHR10:19281915	SSF x Near_LoA	-8,027	-0,086	0,272
CHR10	19281928	CHR10:19281928	SSF x Near_LoA	-8,016	-0,080	0,279
CHR10	19281949	CHR10:19281949	SSF x Near_LoA	-8,088	-0,084	0,287
CHR10	19289415	CHR10:19289415	SSF x Near_LoA	-5,575	-0,166	0,273
CHR10	19307345	CHR10:19307345	SSF x Near_LoA	-7,432	0,061	0,269
CHR10	19307411	CHR10:19307411	SSF x Near_LoA	-4,945	0,071	0,269
CHR10	19307419	CHR10:19307419	SSF x Near_LoA	-7,272	0,048	0,279
CHR10	19318622	CHR10:19318622	SSF x Near_LoA	-2,733	-0,102	0,283
CHR10	19318716	CHR10:19318716	SSF x Near_LoA	-9,151	-0,033	0,271
CHR10	19318874	CHR10:19318874	SSF x Near_LoA	-8,759	-0,063	0,271
CHR10	19334944	CHR10:19334944	SSF x Near_LoA	-6,907	-0,003	0,295
CHR10	19336228	CHR10:19336228	SSF x Near_LoA	-8,768	0,039	0,282
CHR10	19369484	CHR10:19369484	SSF x Near_LoA	-7,894	0,121	0,270
CHR10	19369559	CHR10:19369559	SSF x Near_LoA	-7,114	0,114	0,263
CHR10	19377520	CHR10:19377520	SSF x Near_LoA	-9,690	-0,079	0,261
CHR10	19377589	CHR10:19377589	SSF x Near_LoA	-9,849	-0,027	0,271
CHR10	1938388	CHR10:1938388	SSF x Near_LoA	-7,862	-0,059	0,298
CHR10	19397479	CHR10:19397479	SSF x Near_LoA	-11,263	0,039	0,286
CHR10	19424624	CHR10:19424624	SSF x Near_LoA	-8,859	0,129	0,270
CHR10	19424691	CHR10:19424691	SSF x Near_LoA	-6,456	0,187	0,276
CHR10	19424778	CHR10:19424778	SSF x Near_LoA	-4,316	0,197	0,283
CHR10	19424784	CHR10:19424784	SSF x Near_LoA	-6,790	0,062	0,290
CHR10	19449774	CHR10:19449774	SSF x Near_LoA	-7,479	0,119	0,276
CHR10	19449785	CHR10:19449785	SSF x Near_LoA	-6,034	0,004	0,280
CHR10	19449872	CHR10:19449872	SSF x Near_LoA	-7,868	-0,014	0,283
CHR10	19449875	CHR10:19449875	SSF x Near_LoA	-9,073	0,048	0,275
CHR10	19449932	CHR10:19449932	SSF x Near_LoA	-8,069	0,036	0,280
CHR10	19449940	CHR10:19449940	SSF x Near_LoA	-7,231	-0,055	0,277
CHR10	19450039	CHR10:19450039	SSF x Near_LoA	-8,254	-0,017	0,294
CHR10	19450040	CHR10:19450040	SSF x Near_LoA	-8,320	0,003	0,289
CHR10	1946318	CHR10:1946318	SSF x Near_LoA	-8,448	0,033	0,293
CHR10	19471533	CHR10:19471533	SSF x Near_LoA	-5,437	-0,059	0,302
CHR10	19471568	CHR10:19471568	SSF x Near_LoA	-8,800	0,082	0,284
CHR10	19474482	CHR10:19474482	SSF x Near_LoA	-10,201	-0,031	0,283
CHR10	19474523	CHR10:19474523	SSF x Near_LoA	-9,622	-0,056	0,295
CHR10	19474630	CHR10:19474630	SSF x Near_LoA	-6,572	-0,040	0,283
CHR10	19474723	CHR10:19474723	SSF x Near_LoA	-10,709	0,005	0,286
CHR10	19495598	CHR10:19495598	SSF x Near_LoA	-6,599	-0,156	0,273
CHR10	19495612	CHR10:19495612	SSF x Near_LoA	-10,812	-0,049	0,277
CHR10	2E+07	CHR10:19508162	SSF x Near_LoA	-8,913	0,100	0,276
CHR10	2E+07	CHR10:19508256	SSF x Near_LoA	-9,306	-0,004	0,280
CHR10	2E+07	CHR10:19517037	SSF x Near_LoA	-7,912	-0,142	0,290
CHR10	2E+07	CHR10:19517050	SSF x Near_LoA	-7,845	0,114	0,285
CHR10	2E+07	CHR10:19517214	SSF x Near_LoA	-8,243	-0,036	0,287
CHR10	2E+07	CHR10:19517218	SSF x Near_LoA	4,824	-0,169	0,277
CHR10	2E+07	CHR10:19526331	SSF x Near_LoA	-6,983	-0,032	0,299
CHR10	2E+07	CHR10:19532842	SSF x Near_LoA	-7,601	-0,022	0,290
CHR10	2E+07	CHR10:19532844	SSF x Near_LoA	-8,068	0,024	0,284

CHR10	2E+07	CHR10:1953284	SSF x Near_LoA	-7,853	0,006	0,296
CHR10	2E+07	CHR10:1953287	SSF x Near_LoA	-9,776	0,002	0,299
CHR10	2E+07	CHR10:1953441	SSF x Near_LoA	-8,076	0,105	0,282
CHR10	2E+07	CHR10:1953873	SSF x Near_LoA	-8,150	0,024	0,289
CHR10	2E+07	CHR10:1954981	SSF x Near_LoA	-5,027	0,050	0,303
CHR10	2E+07	CHR10:1955115	SSF x Near_LoA	-10,251	0,095	0,277
CHR10	2E+07	CHR10:1955115	SSF x Near_LoA	-5,246	0,075	0,276
CHR10	2E+07	CHR10:1955121	SSF x Near_LoA	6,696	-0,102	0,287
CHR10	2E+07	CHR10:1958694	SSF x Near_LoA	-9,450	0,081	0,289
CHR10	1959412	CHR10:1959412	SSF x Near_LoA	-8,652	-0,018	0,286
CHR10	1959463	CHR10:1959463	SSF x Near_LoA	-7,047	0,107	0,272
CHR10	2E+07	CHR10:1959610	SSF x Near_LoA	-9,270	0,010	0,292
CHR10	2E+07	CHR10:1959611	SSF x Near_LoA	-7,818	0,151	0,285
CHR10	2E+07	CHR10:1959614	SSF x Near_LoA	-5,493	0,013	0,305
CHR10	2E+07	CHR10:1959618	SSF x Near_LoA	-7,802	-0,129	0,288
CHR10	2E+07	CHR10:1959631	SSF x Near_LoA	-9,298	0,050	0,285
CHR10	2E+07	CHR10:1961151	SSF x Near_LoA	-7,658	-0,018	0,292
CHR10	2E+07	CHR10:1961152	SSF x Near_LoA	-7,832	-0,047	0,292
CHR10	2E+07	CHR10:1961154	SSF x Near_LoA	-8,439	0,079	0,287
CHR10	2E+07	CHR10:1962083	SSF x Near_LoA	-5,917	-0,126	0,285
CHR10	2E+07	CHR10:1962107	SSF x Near_LoA	-7,195	0,066	0,275
CHR10	1962479	CHR10:1962479	SSF x Near_LoA	-9,753	-0,024	0,279
CHR10	1962492	CHR10:1962492	SSF x Near_LoA	-7,497	-0,175	0,287
CHR10	2E+07	CHR10:1962734	SSF x Near_LoA	-8,039	0,128	0,283
CHR10	2E+07	CHR10:1964395	SSF x Near_LoA	-8,247	-0,037	0,288
CHR10	2E+07	CHR10:1966090	SSF x Near_LoA	-6,837	-0,109	0,273
CHR10	2E+07	CHR10:1966766	SSF x Near_LoA	-7,973	-0,008	0,286
CHR10	2E+07	CHR10:1966816	SSF x Near_LoA	-8,697	-0,010	0,292
CHR10	2E+07	CHR10:1968954	SSF x Near_LoA	-8,512	-0,061	0,297
CHR10	2E+07	CHR10:1968965	SSF x Near_LoA	-10,129	0,045	0,272
CHR10	2E+07	CHR10:1969324	SSF x Near_LoA	-8,237	0,064	0,294
CHR10	2E+07	CHR10:1969338	SSF x Near_LoA	-10,527	-0,062	0,273
CHR10	2E+07	CHR10:1970175	SSF x Near_LoA	-9,334	0,037	0,269
CHR10	2E+07	CHR10:1970192	SSF x Near_LoA	-7,728	0,006	0,282
CHR10	2E+07	CHR10:1970193	SSF x Near_LoA	-7,843	-0,010	0,278
CHR10	2E+07	CHR10:1971154	SSF x Near_LoA	-8,360	0,002	0,301
CHR10	2E+07	CHR10:1971155	SSF x Near_LoA	-6,526	0,057	0,291
CHR10	2E+07	CHR10:1971157	SSF x Near_LoA	-8,129	-0,110	0,289
CHR10	2E+07	CHR10:1971160	SSF x Near_LoA	-4,593	0,209	0,276
CHR10	2E+07	CHR10:1971164	SSF x Near_LoA	-7,309	-0,170	0,273
CHR10	2E+07	CHR10:1971167	SSF x Near_LoA	-10,348	0,024	0,281
CHR10	2E+07	CHR10:1971837	SSF x Near_LoA	-3,059	-0,151	0,288
CHR10	2E+07	CHR10:1973357	SSF x Near_LoA	-9,074	-0,098	0,288
CHR10	2E+07	CHR10:1976719	SSF x Near_LoA	-9,403	-0,019	0,289
CHR10	2E+07	CHR10:1976734	SSF x Near_LoA	-9,536	0,029	0,290
CHR10	2E+07	CHR10:1976738	SSF x Near_LoA	-5,242	0,072	0,286
CHR10	2E+07	CHR10:1977345	SSF x Near_LoA	-7,741	0,032	0,282
CHR10	2E+07	CHR10:1977355	SSF x Near_LoA	-5,546	0,073	0,299
CHR10	2E+07	CHR10:1977356	SSF x Near_LoA	-6,951	-0,166	0,284
CHR10	2E+07	CHR10:1977360	SSF x Near_LoA	-5,814	0,086	0,298
CHR10	2E+07	CHR10:1977779	SSF x Near_LoA	-6,418	0,062	0,279
CHR10	2E+07	CHR10:1977803	SSF x Near_LoA	-8,198	0,125	0,295
CHR10	2E+07	CHR10:1978471	SSF x Near_LoA	-4,794	-0,186	0,280

CHR10	2E+07	CHR10:1978480	SSF x Near_LoA	-4,951	0,026	0,284
CHR10	2E+07	CHR10:1978482	SSF x Near_LoA	-8,457	0,004	0,276
CHR10	2E+07	CHR10:1978488	SSF x Near_LoA	-3,810	-0,172	0,292
CHR10	2E+07	CHR10:1979278	SSF x Near_LoA	-3,269	-0,249	0,276
CHR10	2E+07	CHR10:1979861	SSF x Near_LoA	-8,065	-0,085	0,256
CHR10	2E+07	CHR10:1979882	SSF x Near_LoA	-6,793	0,199	0,269
CHR10	2E+07	CHR10:1980044	SSF x Near_LoA	-9,935	-0,017	0,286
CHR10	2E+07	CHR10:1980604	SSF x Near_LoA	-8,050	0,037	0,291
CHR10	2E+07	CHR10:1981856	SSF x Near_LoA	-4,521	-0,245	0,285
CHR10	1982663	CHR10:1982663	SSF x Near_LoA	-7,261	0,094	0,277
CHR10	2E+07	CHR10:1982950	SSF x Near_LoA	-7,119	0,043	0,296
CHR10	2E+07	CHR10:1982950	SSF x Near_LoA	-7,829	0,063	0,281
CHR10	2E+07	CHR10:1982953	SSF x Near_LoA	-6,786	0,046	0,298
CHR10	2E+07	CHR10:1982954	SSF x Near_LoA	-10,692	0,040	0,287
CHR10	2E+07	CHR10:1983169	SSF x Near_LoA	-4,644	0,125	0,289
CHR10	2E+07	CHR10:1983316	SSF x Near_LoA	-5,499	0,026	0,289
CHR10	2E+07	CHR10:1983321	SSF x Near_LoA	-8,656	-0,124	0,280
CHR10	2E+07	CHR10:1983323	SSF x Near_LoA	-8,703	-0,130	0,290
CHR10	2E+07	CHR10:1983328	SSF x Near_LoA	-7,910	-0,127	0,289
CHR10	2E+07	CHR10:1985587	SSF x Near_LoA	-7,563	-0,082	0,280
CHR10	2E+07	CHR10:1985801	SSF x Near_LoA	-9,677	0,037	0,292
CHR10	2E+07	CHR10:1985992	SSF x Near_LoA	5,314	0,046	0,295
CHR10	2E+07	CHR10:1991923	SSF x Near_LoA	-8,452	0,035	0,288
CHR10	2E+07	CHR10:1993482	SSF x Near_LoA	-4,038	-0,095	0,280
CHR10	2E+07	CHR10:1993486	SSF x Near_LoA	-1,138	-0,130	0,282
CHR10	2E+07	CHR10:2002273	SSF x Near_LoA	-8,930	-0,072	0,298
CHR10	2E+07	CHR10:2003176	SSF x Near_LoA	-8,095	-0,039	0,288
CHR10	2E+07	CHR10:2003670	SSF x Near_LoA	-9,631	-0,005	0,279
CHR10	2E+07	CHR10:2003698	SSF x Near_LoA	-6,921	-0,092	0,295
CHR10	2E+07	CHR10:2005751	SSF x Near_LoA	-6,117	0,114	0,289
CHR10	2E+07	CHR10:2006237	SSF x Near_LoA	17,805	-0,107	0,279
CHR10	2E+07	CHR10:2006243	SSF x Near_LoA	-8,551	-0,080	0,284
CHR10	2E+07	CHR10:2006244	SSF x Near_LoA	-7,076	-0,081	0,287
CHR10	2E+07	CHR10:2006245	SSF x Near_LoA	-7,336	-0,110	0,292
CHR10	2E+07	CHR10:2006253	SSF x Near_LoA	-10,617	-0,010	0,288
CHR10	2E+07	CHR10:2006257	SSF x Near_LoA	-8,042	-0,092	0,288
CHR10	2E+07	CHR10:2006261	SSF x Near_LoA	-4,020	-0,047	0,292
CHR10	2E+07	CHR10:2008109	SSF x Near_LoA	-5,560	-0,020	0,290
CHR10	2E+07	CHR10:2008231	SSF x Near_LoA	-8,505	-0,145	0,294
CHR10	2E+07	CHR10:2008239	SSF x Near_LoA	-4,568	-0,015	0,287
CHR10	2E+07	CHR10:2008241	SSF x Near_LoA	-5,346	0,175	0,263
CHR10	2E+07	CHR10:2008250	SSF x Near_LoA	-9,687	0,060	0,283
CHR10	2E+07	CHR10:2008553	SSF x Near_LoA	-7,098	0,091	0,289
CHR10	2E+07	CHR10:2010586	SSF x Near_LoA	-10,945	-0,009	0,291
CHR10	2E+07	CHR10:2010601	SSF x Near_LoA	-6,639	0,199	0,276
CHR10	2E+07	CHR10:2011373	SSF x Near_LoA	-3,159	-0,138	0,282
CHR10	2E+07	CHR10:2016197	SSF x Near_LoA	-10,705	0,061	0,296
CHR10	2E+07	CHR10:2016508	SSF x Near_LoA	-9,480	0,049	0,293
CHR10	2E+07	CHR10:2016513	SSF x Near_LoA	-8,604	-0,054	0,291
CHR10	2E+07	CHR10:2016515	SSF x Near_LoA	-9,891	0,064	0,289
CHR10	2E+07	CHR10:2018154	SSF x Near_LoA	-8,782	-0,088	0,274
CHR10	2E+07	CHR10:2018163	SSF x Near_LoA	-7,813	0,018	0,286
CHR10	2E+07	CHR10:2018169	SSF x Near_LoA	-8,827	-0,051	0,282

CHR10	2E+07	CHR10:20185727	SSF x Near_LoA	-7,891	-0,162	0,285
CHR10	2E+07	CHR10:20189977	SSF x Near_LoA	-9,158	-0,076	0,290
CHR10	2E+07	CHR10:20190017	SSF x Near_LoA	-9,262	-0,022	0,297
CHR10	2E+07	CHR10:20190221	SSF x Near_LoA	-9,148	0,073	0,278
CHR10	2E+07	CHR10:20217749	SSF x Near_LoA	-6,328	0,165	0,268
CHR10	2E+07	CHR10:20220993	SSF x Near_LoA	-6,793	0,121	0,285
CHR10	2E+07	CHR10:20221016	SSF x Near_LoA	-9,221	-0,125	0,273
CHR10	2E+07	CHR10:20221018	SSF x Near_LoA	-9,062	-0,108	0,279
CHR10	2E+07	CHR10:20221021	SSF x Near_LoA	-5,914	-0,107	0,287
CHR10	2E+07	CHR10:20221025	SSF x Near_LoA	-8,755	-0,114	0,267
CHR10	2E+07	CHR10:20221030	SSF x Near_LoA	-8,938	-0,108	0,286
CHR10	2E+07	CHR10:20221042	SSF x Near_LoA	-10,072	-0,101	0,286
CHR10	2E+07	CHR10:20221044	SSF x Near_LoA	-8,334	-0,093	0,297
CHR10	2E+07	CHR10:20221046	SSF x Near_LoA	-10,540	-0,077	0,283
CHR10	2E+07	CHR10:20221049	SSF x Near_LoA	-8,301	-0,085	0,290
CHR10	2E+07	CHR10:20221050	SSF x Near_LoA	-8,723	-0,091	0,278
CHR10	2E+07	CHR10:20221061	SSF x Near_LoA	-7,813	-0,104	0,279
CHR10	2E+07	CHR10:20221069	SSF x Near_LoA	-3,792	-0,097	0,264
CHR10	2E+07	CHR10:20221070	SSF x Near_LoA	-9,467	-0,110	0,266
CHR10	2E+07	CHR10:20221849	SSF x Near_LoA	-7,636	0,004	0,289
CHR10	2E+07	CHR10:20244388	SSF x Near_LoA	-8,559	-0,087	0,280
CHR10	2E+07	CHR10:20301604	SSF x Near_LoA	-8,768	0,126	0,293
CHR10	2075479	CHR10:2075479	SSF x Near_LoA	-5,737	-0,188	0,264
CHR10	2075550	CHR10:2075550	SSF x Near_LoA	-5,572	-0,192	0,275
CHR10	2092972	CHR10:2092972	SSF x Near_LoA	-6,998	-0,115	0,258
CHR10	2103690	CHR10:2103690	SSF x Near_LoA	-6,799	0,195	0,276
CHR10	2115872	CHR10:2115872	SSF x Near_LoA	-9,403	0,046	0,289
CHR10	2144728	CHR10:2144728	SSF x Near_LoA	-8,688	-0,066	0,266
CHR10	2144739	CHR10:2144739	SSF x Near_LoA	-9,031	-0,063	0,270
CHR10	2144871	CHR10:2144871	SSF x Near_LoA	-4,433	-0,189	0,293
CHR10	2144899	CHR10:2144899	SSF x Near_LoA	-2,876	0,121	0,282
CHR10	2145013	CHR10:2145013	SSF x Near_LoA	-9,908	0,030	0,285
CHR10	2169467	CHR10:2169467	SSF x Near_LoA	-7,380	-0,195	0,290
CHR10	2169498	CHR10:2169498	SSF x Near_LoA	-8,789	0,000	0,290
CHR10	2169508	CHR10:2169508	SSF x Near_LoA	-4,824	-0,111	0,291
CHR10	2186287	CHR10:2186287	SSF x Near_LoA	-8,092	-0,017	0,303
CHR10	2186295	CHR10:2186295	SSF x Near_LoA	-9,201	-0,083	0,295
CHR10	2186320	CHR10:2186320	SSF x Near_LoA	-10,369	0,011	0,286
CHR10	2186747	CHR10:2186747	SSF x Near_LoA	-7,643	-0,088	0,285
CHR10	2186765	CHR10:2186765	SSF x Near_LoA	-9,763	0,016	0,303
CHR10	2203017	CHR10:2203017	SSF x Near_LoA	-8,201	-0,103	0,285
CHR10	2203018	CHR10:2203018	SSF x Near_LoA	-7,820	-0,100	0,300
CHR10	2203280	CHR10:2203280	SSF x Near_LoA	-6,644	0,098	0,288
CHR10	2227627	CHR10:2227627	SSF x Near_LoA	-6,550	0,216	0,275
CHR10	2227703	CHR10:2227703	SSF x Near_LoA	-10,498	0,072	0,265
CHR10	2243288	CHR10:2243288	SSF x Near_LoA	-10,700	0,024	0,282
CHR10	2243350	CHR10:2243350	SSF x Near_LoA	-7,376	-0,121	0,263
CHR10	2243363	CHR10:2243363	SSF x Near_LoA	-6,429	-0,053	0,282
CHR10	2261362	CHR10:2261362	SSF x Near_LoA	-8,510	0,073	0,287
CHR10	2263485	CHR10:2263485	SSF x Near_LoA	-8,388	0,037	0,286
CHR10	2263719	CHR10:2263719	SSF x Near_LoA	-10,025	-0,096	0,285
CHR10	2285149	CHR10:2285149	SSF x Near_LoA	-5,611	0,099	0,281
CHR10	2324279	CHR10:2324279	SSF x Near_LoA	-1,657	0,156	0,286

CHR10	2382056	CHR10:2382056	SSF x Near_LoA	-10,001	-0,016	0,282
CHR10	2382097	CHR10:2382097	SSF x Near_LoA	-7,206	0,075	0,297
CHR10	2382275	CHR10:2382275	SSF x Near_LoA	-7,508	-0,089	0,300
CHR10	2382383	CHR10:2382383	SSF x Near_LoA	-9,371	0,019	0,279
CHR10	2382386	CHR10:2382386	SSF x Near_LoA	-7,184	0,019	0,296
CHR10	2384800	CHR10:2384800	SSF x Near_LoA	-7,658	-0,068	0,280
CHR10	2384818	CHR10:2384818	SSF x Near_LoA	-7,554	-0,145	0,269
CHR10	2384909	CHR10:2384909	SSF x Near_LoA	-7,313	-0,044	0,280
CHR10	2384949	CHR10:2384949	SSF x Near_LoA	-8,552	-0,018	0,276
CHR10	2384956	CHR10:2384956	SSF x Near_LoA	-9,127	-0,155	0,289
CHR10	2384994	CHR10:2384994	SSF x Near_LoA	-9,756	0,096	0,293
CHR10	2386492	CHR10:2386492	SSF x Near_LoA	-7,352	0,127	0,273
CHR10	2386530	CHR10:2386530	SSF x Near_LoA	-8,215	0,132	0,272
CHR10	2386568	CHR10:2386568	SSF x Near_LoA	-9,940	0,097	0,284
CHR10	2425271	CHR10:2425271	SSF x Near_LoA	-8,452	0,101	0,274
CHR10	2459722	CHR10:2459722	SSF x Near_LoA	-9,348	-0,058	0,288
CHR10	2463357	CHR10:2463357	SSF x Near_LoA	-7,033	-0,055	0,292
CHR10	2516811	CHR10:2516811	SSF x Near_LoA	-3,443	0,105	0,285
CHR10	2516864	CHR10:2516864	SSF x Near_LoA	-6,460	0,100	0,285
CHR10	2517019	CHR10:2517019	SSF x Near_LoA	-7,594	-0,080	0,280
CHR10	2528329	CHR10:2528329	SSF x Near_LoA	-7,050	-0,130	0,275
CHR10	2540838	CHR10:2540838	SSF x Near_LoA	-9,394	0,028	0,293
CHR10	2565924	CHR10:2565924	SSF x Near_LoA	-6,469	0,103	0,294
CHR10	2565953	CHR10:2565953	SSF x Near_LoA	-6,855	0,127	0,266
CHR10	2565968	CHR10:2565968	SSF x Near_LoA	-2,136	-0,092	0,291
CHR10	2565993	CHR10:2565993	SSF x Near_LoA	-9,482	0,017	0,293
CHR10	2565998	CHR10:2565998	SSF x Near_LoA	-7,953	-0,071	0,288
CHR10	2573126	CHR10:2573126	SSF x Near_LoA	-9,899	0,041	0,296
CHR10	2573323	CHR10:2573323	SSF x Near_LoA	-8,171	-0,135	0,277
CHR10	2573407	CHR10:2573407	SSF x Near_LoA	-8,045	-0,117	0,293
CHR10	2573441	CHR10:2573441	SSF x Near_LoA	-10,770	0,101	0,262
CHR10	2577405	CHR10:2577405	SSF x Near_LoA	-8,912	0,040	0,301
CHR10	2577627	CHR10:2577627	SSF x Near_LoA	-8,524	-0,009	0,289
CHR10	2590622	CHR10:2590622	SSF x Near_LoA	-8,198	0,024	0,283
CHR10	2642072	CHR10:2642072	SSF x Near_LoA	-7,517	-0,111	0,275
CHR10	2654332	CHR10:2654332	SSF x Near_LoA	-7,628	0,068	0,283
CHR10	2654452	CHR10:2654452	SSF x Near_LoA	-8,796	-0,027	0,264
CHR10	2654500	CHR10:2654500	SSF x Near_LoA	-7,175	0,119	0,284
CHR10	2654503	CHR10:2654503	SSF x Near_LoA	-7,697	0,003	0,289
CHR10	2654589	CHR10:2654589	SSF x Near_LoA	-3,517	0,124	0,291
CHR10	2654649	CHR10:2654649	SSF x Near_LoA	-8,723	-0,052	0,294
CHR10	2659348	CHR10:2659348	SSF x Near_LoA	-10,507	0,014	0,292
CHR10	2665988	CHR10:2665988	SSF x Near_LoA	-8,118	0,051	0,271
CHR10	2666051	CHR10:2666051	SSF x Near_LoA	-9,027	0,031	0,268
CHR10	2666136	CHR10:2666136	SSF x Near_LoA	-7,694	0,054	0,280
CHR10	2691924	CHR10:2691924	SSF x Near_LoA	-6,781	-0,078	0,295
CHR10	2706432	CHR10:2706432	SSF x Near_LoA	-9,350	0,046	0,282
CHR10	2708606	CHR10:2708606	SSF x Near_LoA	-9,578	-0,146	0,282
CHR10	2708660	CHR10:2708660	SSF x Near_LoA	-9,223	-0,106	0,268
CHR10	2708724	CHR10:2708724	SSF x Near_LoA	-6,915	0,031	0,298
CHR10	2708784	CHR10:2708784	SSF x Near_LoA	-9,449	0,106	0,295
CHR10	2711956	CHR10:2711956	SSF x Near_LoA	-7,478	0,099	0,283
CHR10	2712028	CHR10:2712028	SSF x Near_LoA	-10,687	0,048	0,277

CHR10	2716023	CHR10:2716023	SSF x Near_LoA	-8,601	-0,089	0,281
CHR10	2745691	CHR10:2745691	SSF x Near_LoA	-8,707	0,043	0,291
CHR10	2754995	CHR10:2754995	SSF x Near_LoA	-5,593	-0,032	0,294
CHR10	2764248	CHR10:2764248	SSF x Near_LoA	-7,284	0,092	0,277
CHR10	2769854	CHR10:2769854	SSF x Near_LoA	-8,185	-0,039	0,286
CHR10	2778595	CHR10:2778595	SSF x Near_LoA	-4,885	-0,058	0,288
CHR10	2778634	CHR10:2778634	SSF x Near_LoA	-1,238	-0,168	0,282
CHR10	2778646	CHR10:2778646	SSF x Near_LoA	-9,862	-0,020	0,298
CHR10	2778795	CHR10:2778795	SSF x Near_LoA	-6,101	0,149	0,287
CHR10	2778798	CHR10:2778798	SSF x Near_LoA	-8,447	0,123	0,270
CHR10	2778837	CHR10:2778837	SSF x Near_LoA	-10,171	0,043	0,294
CHR10	2817224	CHR10:2817224	SSF x Near_LoA	-9,321	-0,018	0,295
CHR10	2825486	CHR10:2825486	SSF x Near_LoA	-9,099	-0,045	0,271
CHR10	2841073	CHR10:2841073	SSF x Near_LoA	-9,124	-0,068	0,282
CHR10	2841075	CHR10:2841075	SSF x Near_LoA	-10,077	-0,063	0,283
CHR10	2846438	CHR10:2846438	SSF x Near_LoA	-6,520	-0,094	0,293
CHR10	2846644	CHR10:2846644	SSF x Near_LoA	-8,817	-0,007	0,283
CHR10	2846685	CHR10:2846685	SSF x Near_LoA	-9,364	-0,021	0,276
CHR10	2892381	CHR10:2892381	SSF x Near_LoA	-7,372	-0,075	0,294
CHR10	2964726	CHR10:2964726	SSF x Near_LoA	-6,151	-0,162	0,289
CHR10	2982381	CHR10:2982381	SSF x Near_LoA	-9,773	0,108	0,294
CHR10	2989382	CHR10:2989382	SSF x Near_LoA	-7,502	-0,047	0,292
CHR10	2989435	CHR10:2989435	SSF x Near_LoA	-6,443	-0,035	0,289
CHR10	2989466	CHR10:2989466	SSF x Near_LoA	-8,011	-0,069	0,276
CHR10	2989470	CHR10:2989470	SSF x Near_LoA	-7,843	0,017	0,282
CHR10	2989483	CHR10:2989483	SSF x Near_LoA	-7,953	-0,054	0,278
CHR10	2989490	CHR10:2989490	SSF x Near_LoA	-7,355	-0,095	0,271
CHR10	2989570	CHR10:2989570	SSF x Near_LoA	-6,373	0,105	0,282
CHR10	2993472	CHR10:2993472	SSF x Near_LoA	-5,475	0,111	0,291
CHR10	2993518	CHR10:2993518	SSF x Near_LoA	-9,721	-0,040	0,277
CHR10	2993521	CHR10:2993521	SSF x Near_LoA	-10,274	-0,032	0,293
CHR10	2993534	CHR10:2993534	SSF x Near_LoA	-11,107	-0,038	0,283
CHR10	3016396	CHR10:3016396	SSF x Near_LoA	-9,210	0,151	0,267
CHR10	3016506	CHR10:3016506	SSF x Near_LoA	-10,769	-0,003	0,282
CHR10	3016514	CHR10:3016514	SSF x Near_LoA	-3,728	0,171	0,283
CHR10	3021286	CHR10:3021286	SSF x Near_LoA	-7,841	0,047	0,289
CHR10	3021422	CHR10:3021422	SSF x Near_LoA	-9,239	-0,003	0,281
CHR10	3022553	CHR10:3022553	SSF x Near_LoA	-8,043	0,042	0,283
CHR10	3022612	CHR10:3022612	SSF x Near_LoA	-7,333	-0,068	0,281
CHR10	3022613	CHR10:3022613	SSF x Near_LoA	-5,542	0,010	0,295
CHR10	3022636	CHR10:3022636	SSF x Near_LoA	-9,345	0,050	0,293
CHR10	3037139	CHR10:3037139	SSF x Near_LoA	-7,063	-0,069	0,291
CHR10	3041368	CHR10:3041368	SSF x Near_LoA	-9,529	-0,028	0,280
CHR10	3041421	CHR10:3041421	SSF x Near_LoA	-8,062	-0,106	0,288
CHR10	3043273	CHR10:3043273	SSF x Near_LoA	-10,033	0,079	0,264
CHR10	3043556	CHR10:3043556	SSF x Near_LoA	-6,916	-0,111	0,288
CHR10	3062209	CHR10:3062209	SSF x Near_LoA	-7,975	-0,012	0,303
CHR10	3062275	CHR10:3062275	SSF x Near_LoA	-3,004	0,090	0,309
CHR10	3062312	CHR10:3062312	SSF x Near_LoA	-7,129	-0,084	0,293
CHR10	3062386	CHR10:3062386	SSF x Near_LoA	-9,662	0,059	0,283
CHR10	3062387	CHR10:3062387	SSF x Near_LoA	-7,397	0,162	0,285
CHR10	3062396	CHR10:3062396	SSF x Near_LoA	-8,526	-0,074	0,280
CHR10	3062424	CHR10:3062424	SSF x Near_LoA	-7,000	0,072	0,306

CHR10	3062445	CHR10:3062445	SSF x Near_LoA	-4,329	0,187	0,283
CHR10	3062448	CHR10:3062448	SSF x Near_LoA	-5,732	-0,069	0,306
CHR10	3063553	CHR10:3063553	SSF x Near_LoA	-9,273	0,050	0,297
CHR10	3063601	CHR10:3063601	SSF x Near_LoA	-10,143	0,016	0,287
CHR10	3063639	CHR10:3063639	SSF x Near_LoA	-8,105	0,015	0,285
CHR10	3063689	CHR10:3063689	SSF x Near_LoA	-8,379	0,001	0,276
CHR10	3063711	CHR10:3063711	SSF x Near_LoA	-10,488	0,070	0,272
CHR10	3063748	CHR10:3063748	SSF x Near_LoA	-8,010	-0,017	0,288
CHR10	3063804	CHR10:3063804	SSF x Near_LoA	-9,121	-0,017	0,281
CHR10	3108073	CHR10:3108073	SSF x Near_LoA	-9,884	-0,111	0,282
CHR10	3111871	CHR10:3111871	SSF x Near_LoA	-8,696	-0,072	0,283
CHR10	3111909	CHR10:3111909	SSF x Near_LoA	-9,303	0,030	0,299
CHR10	3115763	CHR10:3115763	SSF x Near_LoA	-8,588	-0,004	0,278
CHR10	3128209	CHR10:3128209	SSF x Near_LoA	-4,391	-0,141	0,278
CHR10	3128215	CHR10:3128215	SSF x Near_LoA	-5,518	-0,133	0,277
CHR10	3128347	CHR10:3128347	SSF x Near_LoA	-5,152	0,038	0,299
CHR10	3128400	CHR10:3128400	SSF x Near_LoA	-5,516	-0,209	0,273
CHR10	3128406	CHR10:3128406	SSF x Near_LoA	-9,842	0,017	0,292
CHR10	3168074	CHR10:3168074	SSF x Near_LoA	-4,586	0,169	0,283
CHR10	3168096	CHR10:3168096	SSF x Near_LoA	-7,047	0,132	0,280
CHR10	3168160	CHR10:3168160	SSF x Near_LoA	-9,990	-0,088	0,295
CHR10	3171045	CHR10:3171045	SSF x Near_LoA	-7,018	0,061	0,261
CHR10	3171110	CHR10:3171110	SSF x Near_LoA	-8,947	-0,024	0,291
CHR10	3172081	CHR10:3172081	SSF x Near_LoA	-6,712	-0,102	0,283
CHR10	3172082	CHR10:3172082	SSF x Near_LoA	-6,184	-0,099	0,286
CHR10	3190980	CHR10:3190980	SSF x Near_LoA	-10,381	0,018	0,283
CHR10	3204734	CHR10:3204734	SSF x Near_LoA	-5,687	0,147	0,275
CHR10	3204774	CHR10:3204774	SSF x Near_LoA	-4,326	0,133	0,278
CHR10	3211629	CHR10:3211629	SSF x Near_LoA	-7,432	-0,009	0,288
CHR10	3211709	CHR10:3211709	SSF x Near_LoA	-9,856	-0,030	0,293
CHR10	3211817	CHR10:3211817	SSF x Near_LoA	-6,925	0,015	0,293
CHR10	3211885	CHR10:3211885	SSF x Near_LoA	-7,505	-0,033	0,296
CHR10	3211928	CHR10:3211928	SSF x Near_LoA	-9,186	0,154	0,278
CHR10	3211931	CHR10:3211931	SSF x Near_LoA	-6,974	0,155	0,289
CHR10	3215458	CHR10:3215458	SSF x Near_LoA	-7,772	0,024	0,280
CHR10	3215473	CHR10:3215473	SSF x Near_LoA	0,078	0,079	0,275
CHR10	3215755	CHR10:3215755	SSF x Near_LoA	-7,100	-0,027	0,293
CHR10	3238334	CHR10:3238334	SSF x Near_LoA	-8,393	-0,058	0,279
CHR10	3238340	CHR10:3238340	SSF x Near_LoA	-6,786	-0,064	0,298
CHR10	3238429	CHR10:3238429	SSF x Near_LoA	-4,173	0,052	0,295
CHR10	3238502	CHR10:3238502	SSF x Near_LoA	-8,943	-0,013	0,289
CHR10	3239985	CHR10:3239985	SSF x Near_LoA	-8,739	-0,029	0,290
CHR10	3240018	CHR10:3240018	SSF x Near_LoA	-5,896	0,106	0,284
CHR10	3240285	CHR10:3240285	SSF x Near_LoA	-7,968	0,086	0,285
CHR10	3244084	CHR10:3244084	SSF x Near_LoA	-9,790	0,022	0,300
CHR10	3244212	CHR10:3244212	SSF x Near_LoA	-7,622	0,053	0,287
CHR10	3244266	CHR10:3244266	SSF x Near_LoA	-8,850	-0,125	0,283
CHR10	3262581	CHR10:3262581	SSF x Near_LoA	-7,422	0,066	0,297
CHR10	3262650	CHR10:3262650	SSF x Near_LoA	-8,242	-0,037	0,291
CHR10	3267863	CHR10:3267863	SSF x Near_LoA	-5,143	-0,128	0,276
CHR10	3267868	CHR10:3267868	SSF x Near_LoA	-7,171	-0,054	0,289
CHR10	3267926	CHR10:3267926	SSF x Near_LoA	-6,171	-0,234	0,256
CHR10	3268383	CHR10:3268383	SSF x Near_LoA	-6,185	-0,083	0,289

CHR10	3268414	CHR10:3268414	SSF x Near_LoA	-7,264	0,050	0,295
CHR10	3268453	CHR10:3268453	SSF x Near_LoA	-10,044	0,001	0,280
CHR10	3268465	CHR10:3268465	SSF x Near_LoA	-7,580	0,019	0,294
CHR10	3277271	CHR10:3277271	SSF x Near_LoA	-5,150	-0,084	0,284
CHR10	3277310	CHR10:3277310	SSF x Near_LoA	-9,863	0,012	0,291
CHR10	3300264	CHR10:3300264	SSF x Near_LoA	-7,887	-0,004	0,281
CHR10	3300341	CHR10:3300341	SSF x Near_LoA	-7,485	-0,003	0,281
CHR10	3300382	CHR10:3300382	SSF x Near_LoA	-8,656	0,031	0,288
CHR10	3300411	CHR10:3300411	SSF x Near_LoA	-7,578	0,059	0,288
CHR10	3300414	CHR10:3300414	SSF x Near_LoA	-8,759	0,033	0,275
CHR10	3300434	CHR10:3300434	SSF x Near_LoA	-8,666	0,005	0,275
CHR10	3300475	CHR10:3300475	SSF x Near_LoA	-6,402	0,167	0,270
CHR10	3311568	CHR10:3311568	SSF x Near_LoA	-10,204	-0,049	0,300
CHR10	3311790	CHR10:3311790	SSF x Near_LoA	-5,521	-0,197	0,286
CHR10	3311817	CHR10:3311817	SSF x Near_LoA	-6,263	0,089	0,291
CHR10	3316685	CHR10:3316685	SSF x Near_LoA	-8,201	-0,009	0,303
CHR10	3323701	CHR10:3323701	SSF x Near_LoA	-8,121	0,069	0,283
CHR10	3323721	CHR10:3323721	SSF x Near_LoA	-5,454	-0,149	0,273
CHR10	3323732	CHR10:3323732	SSF x Near_LoA	-9,126	-0,109	0,276
CHR10	3323766	CHR10:3323766	SSF x Near_LoA	-5,460	0,069	0,287
CHR10	3323771	CHR10:3323771	SSF x Near_LoA	-10,765	0,073	0,284
CHR10	3323846	CHR10:3323846	SSF x Near_LoA	-4,927	-0,123	0,269
CHR10	3328607	CHR10:3328607	SSF x Near_LoA	-6,028	-0,159	0,268
CHR10	3328750	CHR10:3328750	SSF x Near_LoA	-6,716	-0,106	0,286
CHR10	3328867	CHR10:3328867	SSF x Near_LoA	-8,037	0,138	0,277
CHR10	3328898	CHR10:3328898	SSF x Near_LoA	-8,406	-0,041	0,279
CHR10	3339342	CHR10:3339342	SSF x Near_LoA	-7,288	-0,108	0,293
CHR10	3339355	CHR10:3339355	SSF x Near_LoA	-7,203	-0,098	0,292
CHR10	3339371	CHR10:3339371	SSF x Near_LoA	-7,730	0,129	0,286
CHR10	3339372	CHR10:3339372	SSF x Near_LoA	-9,568	-0,070	0,299
CHR10	3339394	CHR10:3339394	SSF x Near_LoA	-4,834	0,127	0,284
CHR10	3339396	CHR10:3339396	SSF x Near_LoA	-9,009	0,126	0,283
CHR10	3339476	CHR10:3339476	SSF x Near_LoA	-5,114	-0,047	0,304
CHR10	3339533	CHR10:3339533	SSF x Near_LoA	-7,508	-0,043	0,292
CHR10	3339544	CHR10:3339544	SSF x Near_LoA	-4,828	-0,001	0,313
CHR10	3346786	CHR10:3346786	SSF x Near_LoA	-8,944	0,049	0,283
CHR10	3346806	CHR10:3346806	SSF x Near_LoA	-3,609	0,043	0,296
CHR10	3346842	CHR10:3346842	SSF x Near_LoA	0,849	0,021	0,292
CHR10	3346846	CHR10:3346846	SSF x Near_LoA	-4,959	0,099	0,283
CHR10	3346914	CHR10:3346914	SSF x Near_LoA	-7,067	0,058	0,296
CHR10	3346916	CHR10:3346916	SSF x Near_LoA	-4,417	0,260	0,280
CHR10	3347045	CHR10:3347045	SSF x Near_LoA	-8,766	-0,096	0,294
CHR10	3348960	CHR10:3348960	SSF x Near_LoA	-6,704	0,116	0,280
CHR10	3349253	CHR10:3349253	SSF x Near_LoA	-5,814	-0,056	0,289
CHR10	3349278	CHR10:3349278	SSF x Near_LoA	-5,433	-0,181	0,276
CHR10	3357729	CHR10:3357729	SSF x Near_LoA	-9,238	-0,044	0,286
CHR10	3357750	CHR10:3357750	SSF x Near_LoA	-10,349	-0,032	0,287
CHR10	3357832	CHR10:3357832	SSF x Near_LoA	-7,817	-0,150	0,274
CHR10	3375559	CHR10:3375559	SSF x Near_LoA	-8,375	0,004	0,306
CHR10	3375564	CHR10:3375564	SSF x Near_LoA	-6,245	-0,048	0,292
CHR10	3375652	CHR10:3375652	SSF x Near_LoA	-8,315	-0,002	0,277
CHR10	3375765	CHR10:3375765	SSF x Near_LoA	-7,417	-0,057	0,251
CHR10	3384640	CHR10:3384640	SSF x Near_LoA	-9,544	0,017	0,282

CHR10	3384755	CHR10:3384755	SSF x Near_LoA	-7,644	-0,065	0,279
CHR10	3404955	CHR10:3404955	SSF x Near_LoA	-7,033	0,087	0,299
CHR10	3404999	CHR10:3404999	SSF x Near_LoA	-6,623	-0,071	0,277
CHR10	3405013	CHR10:3405013	SSF x Near_LoA	-8,174	-0,020	0,284
CHR10	3405014	CHR10:3405014	SSF x Near_LoA	-7,138	0,031	0,295
CHR10	3405064	CHR10:3405064	SSF x Near_LoA	-8,283	-0,075	0,290
CHR10	3405101	CHR10:3405101	SSF x Near_LoA	-7,496	-0,019	0,293
CHR10	3405123	CHR10:3405123	SSF x Near_LoA	-7,967	-0,105	0,288
CHR10	3416611	CHR10:3416611	SSF x Near_LoA	-9,832	-0,130	0,292
CHR10	3427903	CHR10:3427903	SSF x Near_LoA	-9,558	0,033	0,288
CHR10	3427907	CHR10:3427907	SSF x Near_LoA	-1,443	0,234	0,257
CHR10	3428148	CHR10:3428148	SSF x Near_LoA	-7,275	-0,036	0,296
CHR10	3428187	CHR10:3428187	SSF x Near_LoA	-7,226	-0,007	0,299
CHR10	3444144	CHR10:3444144	SSF x Near_LoA	-8,651	-0,003	0,269
CHR10	3447465	CHR10:3447465	SSF x Near_LoA	-7,108	-0,078	0,280
CHR10	3447484	CHR10:3447484	SSF x Near_LoA	-8,400	0,080	0,283
CHR10	3455744	CHR10:3455744	SSF x Near_LoA	-3,766	0,102	0,283
CHR10	3455751	CHR10:3455751	SSF x Near_LoA	-9,650	0,050	0,276
CHR10	3455782	CHR10:3455782	SSF x Near_LoA	-10,417	0,068	0,281
CHR10	3455786	CHR10:3455786	SSF x Near_LoA	-8,740	0,026	0,279
CHR10	3461064	CHR10:3461064	SSF x Near_LoA	-9,255	-0,079	0,290
CHR10	3468049	CHR10:3468049	SSF x Near_LoA	-6,004	-0,021	0,284
CHR10	3468228	CHR10:3468228	SSF x Near_LoA	-9,230	0,101	0,268
CHR10	3471058	CHR10:3471058	SSF x Near_LoA	-9,060	-0,021	0,293
CHR10	3471084	CHR10:3471084	SSF x Near_LoA	-6,055	-0,137	0,294
CHR10	3471130	CHR10:3471130	SSF x Near_LoA	-10,213	0,060	0,281
CHR10	3471231	CHR10:3471231	SSF x Near_LoA	-10,165	-0,131	0,269
CHR10	3476909	CHR10:3476909	SSF x Near_LoA	-8,524	0,059	0,286
CHR10	3477056	CHR10:3477056	SSF x Near_LoA	-8,185	0,099	0,289
CHR10	3477084	CHR10:3477084	SSF x Near_LoA	-7,417	-0,067	0,282
CHR10	3477110	CHR10:3477110	SSF x Near_LoA	-9,358	-0,098	0,285
CHR10	3493659	CHR10:3493659	SSF x Near_LoA	-7,211	-0,072	0,288
CHR10	3493660	CHR10:3493660	SSF x Near_LoA	-11,068	-0,064	0,279
CHR10	3495926	CHR10:3495926	SSF x Near_LoA	-8,693	-0,108	0,298
CHR10	3495995	CHR10:3495995	SSF x Near_LoA	-7,366	0,078	0,284
CHR10	3510041	CHR10:3510041	SSF x Near_LoA	-8,395	0,007	0,286
CHR10	3510145	CHR10:3510145	SSF x Near_LoA	-9,146	-0,103	0,285
CHR10	3518968	CHR10:3518968	SSF x Near_LoA	-8,690	-0,019	0,288
CHR10	3518981	CHR10:3518981	SSF x Near_LoA	-9,384	-0,030	0,285
CHR10	3519057	CHR10:3519057	SSF x Near_LoA	-6,959	0,087	0,302
CHR10	3522863	CHR10:3522863	SSF x Near_LoA	-1,192	0,236	0,259
CHR10	3522898	CHR10:3522898	SSF x Near_LoA	-4,993	0,295	0,262
CHR10	3526576	CHR10:3526576	SSF x Near_LoA	-7,761	-0,056	0,267
CHR10	3526618	CHR10:3526618	SSF x Near_LoA	-5,874	-0,111	0,276
CHR10	3537164	CHR10:3537164	SSF x Near_LoA	-5,074	0,159	0,277
CHR10	3537226	CHR10:3537226	SSF x Near_LoA	-8,061	0,004	0,283
CHR10	3537421	CHR10:3537421	SSF x Near_LoA	-9,503	0,042	0,290
CHR10	3537512	CHR10:3537512	SSF x Near_LoA	-7,208	-0,032	0,290
CHR10	3574898	CHR10:3574898	SSF x Near_LoA	-5,247	-0,087	0,295
CHR10	3574899	CHR10:3574899	SSF x Near_LoA	-8,048	0,082	0,278
CHR10	3605572	CHR10:3605572	SSF x Near_LoA	-9,088	-0,064	0,286
CHR10	3609277	CHR10:3609277	SSF x Near_LoA	-7,288	-0,093	0,284
CHR10	3609278	CHR10:3609278	SSF x Near_LoA	-8,184	0,038	0,269

CHR10	3609316	CHR10:3609316	SSF x Near_LoA	-10,623	0,063	0,289
CHR10	3609405	CHR10:3609405	SSF x Near_LoA	-8,075	0,104	0,286
CHR10	3611887	CHR10:3611887	SSF x Near_LoA	-9,077	0,011	0,282
CHR10	3611912	CHR10:3611912	SSF x Near_LoA	-9,322	-0,061	0,283
CHR10	3611968	CHR10:3611968	SSF x Near_LoA	-6,880	-0,151	0,289
CHR10	3645622	CHR10:3645622	SSF x Near_LoA	-10,360	-0,005	0,296
CHR10	3645685	CHR10:3645685	SSF x Near_LoA	-10,064	-0,064	0,285
CHR10	3648581	CHR10:3648581	SSF x Near_LoA	-5,345	0,162	0,287
CHR10	3664797	CHR10:3664797	SSF x Near_LoA	-5,637	0,145	0,286
CHR10	3664816	CHR10:3664816	SSF x Near_LoA	-8,011	-0,097	0,288
CHR10	3664872	CHR10:3664872	SSF x Near_LoA	-11,306	0,050	0,284
CHR10	3664900	CHR10:3664900	SSF x Near_LoA	-5,656	0,055	0,308
CHR10	3665008	CHR10:3665008	SSF x Near_LoA	-9,408	0,002	0,290
CHR10	3693484	CHR10:3693484	SSF x Near_LoA	-6,625	0,165	0,282
CHR10	3693526	CHR10:3693526	SSF x Near_LoA	-9,066	-0,065	0,293
CHR10	3693715	CHR10:3693715	SSF x Near_LoA	-7,543	0,110	0,270
CHR10	3693729	CHR10:3693729	SSF x Near_LoA	-7,798	0,179	0,249
CHR10	3706602	CHR10:3706602	SSF x Near_LoA	-7,353	-0,063	0,294
CHR10	3707724	CHR10:3707724	SSF x Near_LoA	-5,661	-0,063	0,277
CHR10	3707928	CHR10:3707928	SSF x Near_LoA	-9,587	0,014	0,263
CHR10	3707986	CHR10:3707986	SSF x Near_LoA	-10,202	0,003	0,276
CHR10	3708026	CHR10:3708026	SSF x Near_LoA	-7,185	-0,054	0,292
CHR10	3718557	CHR10:3718557	SSF x Near_LoA	-7,627	0,180	0,282
CHR10	3718636	CHR10:3718636	SSF x Near_LoA	-5,759	0,196	0,282
CHR10	3718677	CHR10:3718677	SSF x Near_LoA	-7,168	0,133	0,290
CHR10	3718679	CHR10:3718679	SSF x Near_LoA	-4,542	0,159	0,286
CHR10	3718682	CHR10:3718682	SSF x Near_LoA	-6,265	0,153	0,279
CHR10	3718683	CHR10:3718683	SSF x Near_LoA	-6,881	0,114	0,287
CHR10	3718693	CHR10:3718693	SSF x Near_LoA	-9,130	-0,046	0,288
CHR10	3718695	CHR10:3718695	SSF x Near_LoA	-7,282	-0,024	0,293
CHR10	3722340	CHR10:3722340	SSF x Near_LoA	-7,392	0,013	0,283
CHR10	3722346	CHR10:3722346	SSF x Near_LoA	-4,198	-0,051	0,295
CHR10	3722354	CHR10:3722354	SSF x Near_LoA	-7,791	-0,081	0,298
CHR10	3722398	CHR10:3722398	SSF x Near_LoA	-1,701	0,111	0,283
CHR10	3722460	CHR10:3722460	SSF x Near_LoA	-7,023	0,158	0,279
CHR10	3722468	CHR10:3722468	SSF x Near_LoA	-6,723	0,121	0,289
CHR10	3729692	CHR10:3729692	SSF x Near_LoA	-9,491	0,026	0,289
CHR10	3729695	CHR10:3729695	SSF x Near_LoA	-9,341	0,020	0,289
CHR10	3729700	CHR10:3729700	SSF x Near_LoA	-9,074	-0,010	0,295
CHR10	3729701	CHR10:3729701	SSF x Near_LoA	-8,646	-0,018	0,286
CHR10	3729758	CHR10:3729758	SSF x Near_LoA	-5,296	-0,193	0,294
CHR10	3730074	CHR10:3730074	SSF x Near_LoA	-10,391	-0,002	0,274
CHR10	3733210	CHR10:3733210	SSF x Near_LoA	-0,843	-0,157	0,291
CHR10	3733211	CHR10:3733211	SSF x Near_LoA	-4,567	-0,166	0,281
CHR10	3733239	CHR10:3733239	SSF x Near_LoA	-4,574	-0,242	0,264
CHR10	3733240	CHR10:3733240	SSF x Near_LoA	-2,794	-0,247	0,268
CHR10	3733691	CHR10:3733691	SSF x Near_LoA	-5,322	-0,167	0,271
CHR10	3759502	CHR10:3759502	SSF x Near_LoA	-8,862	-0,105	0,288
CHR10	3788735	CHR10:3788735	SSF x Near_LoA	-8,820	0,072	0,277
CHR10	3802465	CHR10:3802465	SSF x Near_LoA	-6,222	0,165	0,284
CHR10	3802529	CHR10:3802529	SSF x Near_LoA	-1,014	-0,208	0,275
CHR10	3802566	CHR10:3802566	SSF x Near_LoA	-7,463	-0,081	0,278
CHR10	3820842	CHR10:3820842	SSF x Near_LoA	-3,469	-0,036	0,302

CHR10	3820862	CHR10:3820862	SSF x Near_LoA	-7,717	0,074	0,278
CHR10	3821005	CHR10:3821005	SSF x Near_LoA	-7,707	-0,044	0,282
CHR10	3821012	CHR10:3821012	SSF x Near_LoA	-2,148	0,053	0,295
CHR10	3822514	CHR10:3822514	SSF x Near_LoA	-7,683	0,091	0,279
CHR10	3822558	CHR10:3822558	SSF x Near_LoA	-10,222	-0,020	0,296
CHR10	3822560	CHR10:3822560	SSF x Near_LoA	-2,502	-0,123	0,283
CHR10	3822577	CHR10:3822577	SSF x Near_LoA	-8,256	-0,130	0,288
CHR10	3822588	CHR10:3822588	SSF x Near_LoA	-7,990	0,031	0,297
CHR10	3822607	CHR10:3822607	SSF x Near_LoA	-7,781	-0,050	0,295
CHR10	3822767	CHR10:3822767	SSF x Near_LoA	-8,984	-0,035	0,286
CHR10	3825424	CHR10:3825424	SSF x Near_LoA	-6,452	-0,083	0,296
CHR10	3825506	CHR10:3825506	SSF x Near_LoA	-9,552	0,051	0,293
CHR10	3834533	CHR10:3834533	SSF x Near_LoA	-10,370	-0,011	0,287
CHR10	3834543	CHR10:3834543	SSF x Near_LoA	-6,902	0,021	0,301
CHR10	3836458	CHR10:3836458	SSF x Near_LoA	-7,218	0,083	0,270
CHR10	3836685	CHR10:3836685	SSF x Near_LoA	-7,259	0,085	0,280
CHR10	3870837	CHR10:3870837	SSF x Near_LoA	-8,095	-0,124	0,287
CHR10	3871068	CHR10:3871068	SSF x Near_LoA	-9,436	0,043	0,273
CHR10	3904257	CHR10:3904257	SSF x Near_LoA	-8,184	-0,167	0,288
CHR10	3904453	CHR10:3904453	SSF x Near_LoA	-8,949	0,005	0,302
CHR10	3904502	CHR10:3904502	SSF x Near_LoA	-8,870	-0,052	0,290
CHR10	3904517	CHR10:3904517	SSF x Near_LoA	-6,938	0,036	0,298
CHR10	3922041	CHR10:3922041	SSF x Near_LoA	-7,726	-0,052	0,291
CHR10	3922070	CHR10:3922070	SSF x Near_LoA	-7,701	0,063	0,290
CHR10	3922079	CHR10:3922079	SSF x Near_LoA	-5,817	-0,166	0,284
CHR10	3922110	CHR10:3922110	SSF x Near_LoA	-6,782	0,135	0,288
CHR10	3934609	CHR10:3934609	SSF x Near_LoA	-5,766	-0,137	0,275
CHR10	3934915	CHR10:3934915	SSF x Near_LoA	-8,973	-0,045	0,282
CHR10	3944233	CHR10:3944233	SSF x Near_LoA	-9,116	0,010	0,290
CHR10	3944404	CHR10:3944404	SSF x Near_LoA	-10,422	-0,065	0,288
CHR10	4060809	CHR10:4060809	SSF x Near_LoA	-5,716	0,164	0,279
CHR10	4063087	CHR10:4063087	SSF x Near_LoA	-8,752	-0,092	0,294
CHR10	4098626	CHR10:4098626	SSF x Near_LoA	-10,904	0,017	0,268
CHR10	4098776	CHR10:4098776	SSF x Near_LoA	-7,390	0,099	0,286
CHR10	4114997	CHR10:4114997	SSF x Near_LoA	-8,889	-0,050	0,279
CHR10	4165812	CHR10:4165812	SSF x Near_LoA	-9,182	0,044	0,294
CHR10	4165896	CHR10:4165896	SSF x Near_LoA	-10,028	0,061	0,285
CHR10	4171329	CHR10:4171329	SSF x Near_LoA	-9,659	-0,003	0,271
CHR10	4171537	CHR10:4171537	SSF x Near_LoA	-5,712	0,099	0,290
CHR10	4171562	CHR10:4171562	SSF x Near_LoA	-8,934	0,006	0,282
CHR10	4171613	CHR10:4171613	SSF x Near_LoA	-7,425	0,018	0,293
CHR10	4171616	CHR10:4171616	SSF x Near_LoA	-7,094	0,041	0,286
CHR10	4171647	CHR10:4171647	SSF x Near_LoA	-7,441	0,087	0,295
CHR10	4171686	CHR10:4171686	SSF x Near_LoA	-8,403	-0,084	0,284
CHR10	4171771	CHR10:4171771	SSF x Near_LoA	-0,491	-0,172	0,289
CHR10	4178231	CHR10:4178231	SSF x Near_LoA	-8,975	0,128	0,266
CHR10	4178238	CHR10:4178238	SSF x Near_LoA	-8,061	-0,074	0,295
CHR10	4178393	CHR10:4178393	SSF x Near_LoA	-5,841	0,126	0,281
CHR10	4191524	CHR10:4191524	SSF x Near_LoA	-8,816	0,068	0,303
CHR10	4191623	CHR10:4191623	SSF x Near_LoA	-8,634	-0,028	0,272
CHR10	4191804	CHR10:4191804	SSF x Near_LoA	-10,967	0,066	0,293
CHR10	4193784	CHR10:4193784	SSF x Near_LoA	-9,210	0,120	0,287
CHR10	4193856	CHR10:4193856	SSF x Near_LoA	-10,254	0,040	0,293

CHR10	4193919	CHR10:4193919	SSF x Near_LoA	-6,797	0,071	0,286
CHR10	4206718	CHR10:4206718	SSF x Near_LoA	-8,896	-0,006	0,291
CHR10	4207924	CHR10:4207924	SSF x Near_LoA	-8,106	0,004	0,292
CHR10	4207929	CHR10:4207929	SSF x Near_LoA	-7,465	-0,099	0,294
CHR10	4207931	CHR10:4207931	SSF x Near_LoA	-8,195	0,011	0,279
CHR10	4208099	CHR10:4208099	SSF x Near_LoA	-3,137	0,099	0,290
CHR10	4216691	CHR10:4216691	SSF x Near_LoA	11,349	-0,233	0,266
CHR10	4216787	CHR10:4216787	SSF x Near_LoA	-7,671	-0,078	0,273
CHR10	4216829	CHR10:4216829	SSF x Near_LoA	-7,556	0,086	0,297
CHR10	4228906	CHR10:4228906	SSF x Near_LoA	-7,939	0,031	0,286
CHR10	4231791	CHR10:4231791	SSF x Near_LoA	-7,534	0,025	0,301
CHR10	4239209	CHR10:4239209	SSF x Near_LoA	-10,349	0,038	0,291
CHR10	4245035	CHR10:4245035	SSF x Near_LoA	-8,536	-0,078	0,283
CHR10	4245101	CHR10:4245101	SSF x Near_LoA	-7,353	-0,118	0,284
CHR10	4249151	CHR10:4249151	SSF x Near_LoA	-4,665	-0,157	0,284
CHR10	4292468	CHR10:4292468	SSF x Near_LoA	-7,658	-0,071	0,286
CHR10	4292504	CHR10:4292504	SSF x Near_LoA	-1,330	-0,261	0,277
CHR10	4292506	CHR10:4292506	SSF x Near_LoA	-9,384	-0,064	0,283
CHR10	4292512	CHR10:4292512	SSF x Near_LoA	-7,983	-0,051	0,297
CHR10	4295410	CHR10:4295410	SSF x Near_LoA	-6,594	0,119	0,288
CHR10	4297755	CHR10:4297755	SSF x Near_LoA	-2,721	-0,122	0,283
CHR10	4302015	CHR10:4302015	SSF x Near_LoA	-7,763	-0,121	0,287
CHR10	4302069	CHR10:4302069	SSF x Near_LoA	-8,493	0,087	0,291
CHR10	4313016	CHR10:4313016	SSF x Near_LoA	-9,448	-0,108	0,283
CHR10	4313076	CHR10:4313076	SSF x Near_LoA	-5,157	-0,139	0,281
CHR10	4313164	CHR10:4313164	SSF x Near_LoA	-5,585	-0,132	0,295
CHR10	4313175	CHR10:4313175	SSF x Near_LoA	-7,646	0,016	0,278
CHR10	4313250	CHR10:4313250	SSF x Near_LoA	-6,050	-0,087	0,305
CHR10	4313383	CHR10:4313383	SSF x Near_LoA	-10,033	0,029	0,296
CHR10	4318363	CHR10:4318363	SSF x Near_LoA	-7,070	0,079	0,284
CHR10	4318420	CHR10:4318420	SSF x Near_LoA	-8,301	0,061	0,272
CHR10	4332179	CHR10:4332179	SSF x Near_LoA	-5,789	-0,029	0,296
CHR10	4332262	CHR10:4332262	SSF x Near_LoA	-2,392	0,174	0,278
CHR10	4332263	CHR10:4332263	SSF x Near_LoA	-5,902	0,162	0,291
CHR10	4332424	CHR10:4332424	SSF x Near_LoA	-5,510	-0,052	0,277
CHR10	4338041	CHR10:4338041	SSF x Near_LoA	-8,130	0,028	0,282
CHR10	4347776	CHR10:4347776	SSF x Near_LoA	-8,923	0,053	0,288
CHR10	4348019	CHR10:4348019	SSF x Near_LoA	-8,558	-0,161	0,277
CHR10	4348074	CHR10:4348074	SSF x Near_LoA	-7,723	-0,201	0,269
CHR10	4348098	CHR10:4348098	SSF x Near_LoA	-8,874	-0,036	0,290
CHR10	4348102	CHR10:4348102	SSF x Near_LoA	-8,256	-0,018	0,288
CHR10	4348125	CHR10:4348125	SSF x Near_LoA	-9,062	0,068	0,289
CHR10	4354346	CHR10:4354346	SSF x Near_LoA	-8,681	0,029	0,282
CHR10	4354749	CHR10:4354749	SSF x Near_LoA	-10,538	0,056	0,272
CHR10	4358924	CHR10:4358924	SSF x Near_LoA	-5,910	0,052	0,303
CHR10	4364735	CHR10:4364735	SSF x Near_LoA	-10,018	0,061	0,295
CHR10	4364779	CHR10:4364779	SSF x Near_LoA	-10,304	0,062	0,282
CHR10	4364860	CHR10:4364860	SSF x Near_LoA	-2,975	0,129	0,295
CHR10	4364864	CHR10:4364864	SSF x Near_LoA	-7,738	0,166	0,272
CHR10	4364879	CHR10:4364879	SSF x Near_LoA	-7,956	0,012	0,290
CHR10	4364888	CHR10:4364888	SSF x Near_LoA	-5,618	-0,033	0,293
CHR10	4364906	CHR10:4364906	SSF x Near_LoA	-10,191	-0,021	0,283
CHR10	4365019	CHR10:4365019	SSF x Near_LoA	-10,331	-0,087	0,279

CHR10	4376232	CHR10:4376232	SSF x Near_LoA	-7,049	-0,123	0,276
CHR10	4376259	CHR10:4376259	SSF x Near_LoA	-9,290	0,086	0,284
CHR10	4376296	CHR10:4376296	SSF x Near_LoA	-5,709	0,246	0,271
CHR10	4424665	CHR10:4424665	SSF x Near_LoA	-7,452	-0,022	0,283
CHR10	4424752	CHR10:4424752	SSF x Near_LoA	-10,172	0,017	0,268
CHR10	4427930	CHR10:4427930	SSF x Near_LoA	-6,068	-0,082	0,280
CHR10	4427948	CHR10:4427948	SSF x Near_LoA	-6,132	-0,067	0,275
CHR10	4427962	CHR10:4427962	SSF x Near_LoA	-7,733	0,039	0,278
CHR10	4428075	CHR10:4428075	SSF x Near_LoA	-5,183	0,196	0,248
CHR10	4428086	CHR10:4428086	SSF x Near_LoA	-6,284	-0,082	0,290
CHR10	4428090	CHR10:4428090	SSF x Near_LoA	-6,815	-0,091	0,292
CHR10	4433788	CHR10:4433788	SSF x Near_LoA	-4,156	0,285	0,260
CHR10	4434433	CHR10:4434433	SSF x Near_LoA	-6,479	0,136	0,281
CHR10	4434451	CHR10:4434451	SSF x Near_LoA	-7,151	0,096	0,274
CHR10	4434456	CHR10:4434456	SSF x Near_LoA	-3,589	0,100	0,288
CHR10	4434484	CHR10:4434484	SSF x Near_LoA	-6,349	0,140	0,275
CHR10	4434506	CHR10:4434506	SSF x Near_LoA	-7,705	0,079	0,282
CHR10	4458061	CHR10:4458061	SSF x Near_LoA	-9,547	-0,082	0,286
CHR10	4458139	CHR10:4458139	SSF x Near_LoA	-10,222	-0,036	0,282
CHR10	4458167	CHR10:4458167	SSF x Near_LoA	-8,629	0,053	0,276
CHR10	4458209	CHR10:4458209	SSF x Near_LoA	-4,126	-0,084	0,298
CHR10	4484810	CHR10:4484810	SSF x Near_LoA	-7,972	-0,037	0,281
CHR10	4484849	CHR10:4484849	SSF x Near_LoA	-8,195	0,067	0,285
CHR10	4484938	CHR10:4484938	SSF x Near_LoA	-5,344	0,182	0,274
CHR10	4493619	CHR10:4493619	SSF x Near_LoA	-3,458	-0,186	0,276
CHR10	4493923	CHR10:4493923	SSF x Near_LoA	-7,889	0,025	0,279
CHR10	4498558	CHR10:4498558	SSF x Near_LoA	-7,845	-0,027	0,275
CHR10	4498612	CHR10:4498612	SSF x Near_LoA	-7,947	0,017	0,281
CHR10	4498701	CHR10:4498701	SSF x Near_LoA	-9,469	-0,136	0,284
CHR10	4499863	CHR10:4499863	SSF x Near_LoA	-6,971	-0,151	0,280
CHR10	4499944	CHR10:4499944	SSF x Near_LoA	-9,721	0,015	0,280
CHR10	4499973	CHR10:4499973	SSF x Near_LoA	-9,558	-0,039	0,284
CHR10	4514338	CHR10:4514338	SSF x Near_LoA	-9,404	-0,073	0,290
CHR10	4515096	CHR10:4515096	SSF x Near_LoA	-8,293	-0,059	0,293
CHR10	4515152	CHR10:4515152	SSF x Near_LoA	-9,006	-0,013	0,289
CHR10	4515179	CHR10:4515179	SSF x Near_LoA	-7,250	0,150	0,281
CHR10	4522053	CHR10:4522053	SSF x Near_LoA	-6,905	-0,072	0,292
CHR10	4522100	CHR10:4522100	SSF x Near_LoA	-10,414	-0,071	0,287
CHR10	4537264	CHR10:4537264	SSF x Near_LoA	-6,939	-0,048	0,290
CHR10	4537422	CHR10:4537422	SSF x Near_LoA	-10,003	-0,117	0,279
CHR10	4537692	CHR10:4537692	SSF x Near_LoA	-9,432	0,026	0,286
CHR10	4544730	CHR10:4544730	SSF x Near_LoA	-9,716	-0,056	0,282
CHR10	4544759	CHR10:4544759	SSF x Near_LoA	12,357	-0,188	0,275
CHR10	4544845	CHR10:4544845	SSF x Near_LoA	-8,418	0,163	0,285
CHR10	4544863	CHR10:4544863	SSF x Near_LoA	-8,050	-0,108	0,295
CHR10	4545049	CHR10:4545049	SSF x Near_LoA	-8,578	0,090	0,282
CHR10	4545103	CHR10:4545103	SSF x Near_LoA	-9,011	0,096	0,291
CHR10	4545144	CHR10:4545144	SSF x Near_LoA	-9,523	0,021	0,288
CHR10	4548125	CHR10:4548125	SSF x Near_LoA	-8,933	0,013	0,281
CHR10	4548176	CHR10:4548176	SSF x Near_LoA	-3,952	-0,215	0,276
CHR10	4548196	CHR10:4548196	SSF x Near_LoA	-7,906	0,120	0,281
CHR10	4551181	CHR10:4551181	SSF x Near_LoA	-8,252	0,080	0,284
CHR10	4551182	CHR10:4551182	SSF x Near_LoA	-6,982	0,075	0,288

CHR10	4557049	CHR10:4557049	SSF x Near_LoA	-6,910	0,104	0,281
CHR10	4557189	CHR10:4557189	SSF x Near_LoA	-8,360	0,092	0,289
CHR10	4557223	CHR10:4557223	SSF x Near_LoA	-10,139	0,001	0,278
CHR10	4574069	CHR10:4574069	SSF x Near_LoA	-10,369	0,018	0,292
CHR10	4580131	CHR10:4580131	SSF x Near_LoA	-9,042	0,005	0,290
CHR10	4580188	CHR10:4580188	SSF x Near_LoA	-7,309	0,091	0,272
CHR10	4596526	CHR10:4596526	SSF x Near_LoA	-8,079	0,030	0,277
CHR10	4596548	CHR10:4596548	SSF x Near_LoA	-4,996	-0,170	0,283
CHR10	4601873	CHR10:4601873	SSF x Near_LoA	-9,074	-0,005	0,290
CHR10	4602235	CHR10:4602235	SSF x Near_LoA	-4,753	0,136	0,279
CHR10	4602273	CHR10:4602273	SSF x Near_LoA	-3,239	-0,119	0,270
CHR10	4618773	CHR10:4618773	SSF x Near_LoA	-9,350	-0,047	0,296
CHR10	4618910	CHR10:4618910	SSF x Near_LoA	-9,546	0,008	0,291
CHR10	4629110	CHR10:4629110	SSF x Near_LoA	-6,757	0,114	0,279
CHR10	4629212	CHR10:4629212	SSF x Near_LoA	-11,379	0,090	0,269
CHR10	4629259	CHR10:4629259	SSF x Near_LoA	-6,020	0,086	0,276
CHR10	4629279	CHR10:4629279	SSF x Near_LoA	-9,488	0,024	0,290
CHR10	4629282	CHR10:4629282	SSF x Near_LoA	-8,815	0,098	0,273
CHR10	4629319	CHR10:4629319	SSF x Near_LoA	-6,379	-0,143	0,294
CHR10	4629334	CHR10:4629334	SSF x Near_LoA	-7,475	-0,115	0,287
CHR10	4629363	CHR10:4629363	SSF x Near_LoA	-2,117	0,004	0,288
CHR10	4629409	CHR10:4629409	SSF x Near_LoA	-7,800	-0,073	0,281
CHR10	4638653	CHR10:4638653	SSF x Near_LoA	-9,349	-0,015	0,288
CHR10	4638718	CHR10:4638718	SSF x Near_LoA	-6,665	-0,113	0,262
CHR10	4638732	CHR10:4638732	SSF x Near_LoA	-8,662	-0,094	0,287
CHR10	4638821	CHR10:4638821	SSF x Near_LoA	-4,477	0,234	0,272
CHR10	4638826	CHR10:4638826	SSF x Near_LoA	0,181	0,286	0,261
CHR10	4638921	CHR10:4638921	SSF x Near_LoA	-7,962	0,020	0,284
CHR10	4638927	CHR10:4638927	SSF x Near_LoA	-6,220	0,083	0,287
CHR10	4638979	CHR10:4638979	SSF x Near_LoA	-6,546	0,036	0,279
CHR10	4640834	CHR10:4640834	SSF x Near_LoA	-6,876	-0,164	0,286
CHR10	4640835	CHR10:4640835	SSF x Near_LoA	-7,677	-0,160	0,273
CHR10	4640842	CHR10:4640842	SSF x Near_LoA	-9,220	0,013	0,287
CHR10	4640875	CHR10:4640875	SSF x Near_LoA	-0,504	0,080	0,280
CHR10	4640883	CHR10:4640883	SSF x Near_LoA	-5,810	-0,087	0,278
CHR10	4666496	CHR10:4666496	SSF x Near_LoA	-8,620	-0,105	0,284
CHR10	4666845	CHR10:4666845	SSF x Near_LoA	-7,679	-0,041	0,281
CHR10	4685484	CHR10:4685484	SSF x Near_LoA	-8,985	0,199	0,274
CHR10	4685489	CHR10:4685489	SSF x Near_LoA	-8,936	0,060	0,300
CHR10	4685592	CHR10:4685592	SSF x Near_LoA	-7,209	0,018	0,303
CHR10	4685608	CHR10:4685608	SSF x Near_LoA	-7,417	-0,067	0,278
CHR10	4714853	CHR10:4714853	SSF x Near_LoA	-8,092	0,033	0,285
CHR10	4717824	CHR10:4717824	SSF x Near_LoA	-3,265	-0,265	0,260
CHR10	4719398	CHR10:4719398	SSF x Near_LoA	-8,607	-0,010	0,288
CHR10	4719451	CHR10:4719451	SSF x Near_LoA	-7,592	-0,023	0,291
CHR10	4720743	CHR10:4720743	SSF x Near_LoA	-6,274	0,065	0,286
CHR10	4720912	CHR10:4720912	SSF x Near_LoA	-8,445	-0,039	0,284
CHR10	4720924	CHR10:4720924	SSF x Near_LoA	-6,404	-0,096	0,289
CHR10	4721003	CHR10:4721003	SSF x Near_LoA	-8,257	0,009	0,278
CHR10	4721062	CHR10:4721062	SSF x Near_LoA	0,818	0,184	0,270
CHR10	4746447	CHR10:4746447	SSF x Near_LoA	-7,407	0,204	0,264
CHR10	4746725	CHR10:4746725	SSF x Near_LoA	-9,788	0,077	0,286
CHR10	4746816	CHR10:4746816	SSF x Near_LoA	-3,335	0,176	0,270

CHR10	4750805	CHR10:4750805	SSF x Near_LoA	-10,215	0,051	0,296
CHR10	4750917	CHR10:4750917	SSF x Near_LoA	-6,389	0,113	0,295
CHR10	4750947	CHR10:4750947	SSF x Near_LoA	-10,347	-0,087	0,283
CHR10	4750951	CHR10:4750951	SSF x Near_LoA	-7,316	0,035	0,295
CHR10	4751069	CHR10:4751069	SSF x Near_LoA	-7,578	-0,074	0,287
CHR10	4753127	CHR10:4753127	SSF x Near_LoA	-10,504	-0,040	0,294
CHR10	4753167	CHR10:4753167	SSF x Near_LoA	-3,971	-0,069	0,288
CHR10	4753168	CHR10:4753168	SSF x Near_LoA	-7,056	-0,148	0,270
CHR10	4753220	CHR10:4753220	SSF x Near_LoA	-7,288	-0,069	0,292
CHR10	4753238	CHR10:4753238	SSF x Near_LoA	-9,123	-0,068	0,286
CHR10	4765268	CHR10:4765268	SSF x Near_LoA	-9,719	0,093	0,270
CHR10	4765273	CHR10:4765273	SSF x Near_LoA	-7,450	-0,046	0,283
CHR10	4765334	CHR10:4765334	SSF x Near_LoA	-8,874	0,003	0,280
CHR10	4765377	CHR10:4765377	SSF x Near_LoA	-9,039	0,093	0,279
CHR10	4765378	CHR10:4765378	SSF x Near_LoA	-7,559	0,133	0,281
CHR10	4765393	CHR10:4765393	SSF x Near_LoA	-8,743	-0,085	0,292
CHR10	4770166	CHR10:4770166	SSF x Near_LoA	-9,892	-0,030	0,302
CHR10	4770174	CHR10:4770174	SSF x Near_LoA	-9,481	-0,003	0,282
CHR10	4771610	CHR10:4771610	SSF x Near_LoA	-7,148	-0,040	0,293
CHR10	4771661	CHR10:4771661	SSF x Near_LoA	-7,762	-0,076	0,289
CHR10	4771680	CHR10:4771680	SSF x Near_LoA	-7,172	-0,057	0,290
CHR10	4771736	CHR10:4771736	SSF x Near_LoA	-4,626	-0,087	0,276
CHR10	4771766	CHR10:4771766	SSF x Near_LoA	-7,516	-0,055	0,283
CHR10	4771786	CHR10:4771786	SSF x Near_LoA	-0,918	-0,011	0,304
CHR10	4778964	CHR10:4778964	SSF x Near_LoA	-2,171	-0,007	0,287
CHR10	4779137	CHR10:4779137	SSF x Near_LoA	-9,864	-0,049	0,282
CHR10	4779150	CHR10:4779150	SSF x Near_LoA	-9,843	0,066	0,274
CHR10	4779237	CHR10:4779237	SSF x Near_LoA	-8,112	-0,105	0,286
CHR10	4786753	CHR10:4786753	SSF x Near_LoA	-7,958	0,125	0,284
CHR10	4795727	CHR10:4795727	SSF x Near_LoA	-5,106	0,112	0,293
CHR10	4795809	CHR10:4795809	SSF x Near_LoA	-9,192	-0,171	0,273
CHR10	4795892	CHR10:4795892	SSF x Near_LoA	-8,281	-0,023	0,277
CHR10	4799423	CHR10:4799423	SSF x Near_LoA	-9,068	-0,018	0,292
CHR10	4799496	CHR10:4799496	SSF x Near_LoA	-9,074	-0,027	0,279
CHR10	4799561	CHR10:4799561	SSF x Near_LoA	-8,438	-0,088	0,279
CHR10	4799588	CHR10:4799588	SSF x Near_LoA	-6,491	0,160	0,286
CHR10	4799634	CHR10:4799634	SSF x Near_LoA	-10,453	-0,026	0,303
CHR10	4805687	CHR10:4805687	SSF x Near_LoA	-5,575	0,061	0,280
CHR10	4805834	CHR10:4805834	SSF x Near_LoA	-4,503	-0,134	0,288
CHR10	4806934	CHR10:4806934	SSF x Near_LoA	-8,131	0,005	0,289
CHR10	4806954	CHR10:4806954	SSF x Near_LoA	-7,427	0,047	0,285
CHR10	4807075	CHR10:4807075	SSF x Near_LoA	-5,907	0,007	0,289
CHR10	4817079	CHR10:4817079	SSF x Near_LoA	-9,192	0,029	0,284
CHR10	4817174	CHR10:4817174	SSF x Near_LoA	-6,996	0,059	0,291
CHR10	4817339	CHR10:4817339	SSF x Near_LoA	-7,764	-0,044	0,290
CHR10	4817373	CHR10:4817373	SSF x Near_LoA	-8,128	0,052	0,272
CHR10	4837322	CHR10:4837322	SSF x Near_LoA	-6,212	0,113	0,295
CHR10	4842414	CHR10:4842414	SSF x Near_LoA	-10,317	-0,069	0,295
CHR10	4842438	CHR10:4842438	SSF x Near_LoA	-9,023	0,014	0,284
CHR10	4849021	CHR10:4849021	SSF x Near_LoA	-8,445	-0,077	0,290
CHR10	4849128	CHR10:4849128	SSF x Near_LoA	-7,501	-0,013	0,312
CHR10	4849315	CHR10:4849315	SSF x Near_LoA	-6,409	0,018	0,302
CHR10	4849328	CHR10:4849328	SSF x Near_LoA	-7,267	-0,089	0,289

CHR10	4849335	CHR10:4849335	SSF x Near_LoA	-10,120	-0,088	0,286
CHR10	4849395	CHR10:4849395	SSF x Near_LoA	-1,964	0,102	0,292
CHR10	4849401	CHR10:4849401	SSF x Near_LoA	-5,658	0,122	0,286
CHR10	4849445	CHR10:4849445	SSF x Near_LoA	-10,617	-0,042	0,279
CHR10	4875666	CHR10:4875666	SSF x Near_LoA	-7,000	0,148	0,282
CHR10	4878032	CHR10:4878032	SSF x Near_LoA	-7,366	-0,120	0,278
CHR10	4878040	CHR10:4878040	SSF x Near_LoA	-7,093	0,028	0,287
CHR10	4878045	CHR10:4878045	SSF x Near_LoA	-7,045	0,146	0,269
CHR10	4878046	CHR10:4878046	SSF x Near_LoA	-8,331	-0,086	0,279
CHR10	4878199	CHR10:4878199	SSF x Near_LoA	-6,649	-0,097	0,290
CHR10	4884522	CHR10:4884522	SSF x Near_LoA	-7,583	0,065	0,281
CHR10	4897218	CHR10:4897218	SSF x Near_LoA	-8,266	-0,137	0,288
CHR10	4897461	CHR10:4897461	SSF x Near_LoA	-9,930	0,048	0,292
CHR10	4903753	CHR10:4903753	SSF x Near_LoA	-7,741	-0,079	0,300
CHR10	4903778	CHR10:4903778	SSF x Near_LoA	-9,898	-0,038	0,279
CHR10	4904042	CHR10:4904042	SSF x Near_LoA	-7,559	-0,078	0,294
CHR10	4904059	CHR10:4904059	SSF x Near_LoA	-7,547	-0,102	0,299
CHR10	4909581	CHR10:4909581	SSF x Near_LoA	-6,526	-0,211	0,267
CHR10	4909596	CHR10:4909596	SSF x Near_LoA	-9,208	0,057	0,294
CHR10	4914299	CHR10:4914299	SSF x Near_LoA	-7,259	0,115	0,269
CHR10	4914443	CHR10:4914443	SSF x Near_LoA	-7,087	0,132	0,276
CHR10	4914476	CHR10:4914476	SSF x Near_LoA	-8,671	-0,029	0,295
CHR10	4939104	CHR10:4939104	SSF x Near_LoA	-8,365	0,023	0,295
CHR10	4939332	CHR10:4939332	SSF x Near_LoA	-2,086	-0,133	0,287
CHR10	4944401	CHR10:4944401	SSF x Near_LoA	-6,400	-0,182	0,285
CHR10	4949702	CHR10:4949702	SSF x Near_LoA	-8,853	-0,064	0,281
CHR10	4975125	CHR10:4975125	SSF x Near_LoA	-5,779	-0,094	0,288
CHR10	4989648	CHR10:4989648	SSF x Near_LoA	-4,110	-0,124	0,286
CHR10	4998550	CHR10:4998550	SSF x Near_LoA	-6,573	-0,151	0,292
CHR10	4998620	CHR10:4998620	SSF x Near_LoA	-9,071	0,050	0,293
CHR10	4998646	CHR10:4998646	SSF x Near_LoA	-10,196	0,093	0,281
CHR10	4999389	CHR10:4999389	SSF x Near_LoA	-4,560	0,249	0,270
CHR10	5002492	CHR10:5002492	SSF x Near_LoA	-1,467	0,235	0,264
CHR10	5002498	CHR10:5002498	SSF x Near_LoA	1,128	0,231	0,271
CHR10	5002501	CHR10:5002501	SSF x Near_LoA	-3,051	0,228	0,260
CHR10	5002509	CHR10:5002509	SSF x Near_LoA	-2,662	0,273	0,258
CHR10	5019471	CHR10:5019471	SSF x Near_LoA	-9,366	0,028	0,277
CHR10	5019503	CHR10:5019503	SSF x Near_LoA	-6,992	-0,190	0,276
CHR10	5019548	CHR10:5019548	SSF x Near_LoA	-7,296	0,147	0,280
CHR10	5029424	CHR10:5029424	SSF x Near_LoA	-9,746	-0,109	0,287
CHR10	5029506	CHR10:5029506	SSF x Near_LoA	-9,530	0,067	0,275
CHR10	5031737	CHR10:5031737	SSF x Near_LoA	-8,515	-0,125	0,276
CHR10	5031818	CHR10:5031818	SSF x Near_LoA	-6,400	-0,140	0,277
CHR10	5042159	CHR10:5042159	SSF x Near_LoA	-9,673	-0,070	0,288
CHR10	5042497	CHR10:5042497	SSF x Near_LoA	-7,209	-0,080	0,280
CHR10	5068205	CHR10:5068205	SSF x Near_LoA	-6,814	0,208	0,278
CHR10	5068217	CHR10:5068217	SSF x Near_LoA	-9,689	0,095	0,262
CHR10	5068240	CHR10:5068240	SSF x Near_LoA	-8,296	-0,014	0,294
CHR10	5068275	CHR10:5068275	SSF x Near_LoA	-8,839	0,009	0,286
CHR10	5068278	CHR10:5068278	SSF x Near_LoA	-7,612	0,022	0,265
CHR10	5068280	CHR10:5068280	SSF x Near_LoA	-4,630	-0,166	0,267
CHR10	5068379	CHR10:5068379	SSF x Near_LoA	-9,361	-0,029	0,288
CHR10	5068468	CHR10:5068468	SSF x Near_LoA	-7,444	-0,062	0,267

CHR10	5074902	CHR10:5074902	SSF x Near_LoA	-6,729	-0,120	0,298
CHR10	5074910	CHR10:5074910	SSF x Near_LoA	-8,704	0,073	0,264
CHR10	5074913	CHR10:5074913	SSF x Near_LoA	-8,895	0,044	0,269
CHR10	5074917	CHR10:5074917	SSF x Near_LoA	-8,058	0,043	0,284
CHR10	5075030	CHR10:5075030	SSF x Near_LoA	-9,854	-0,054	0,285
CHR10	5075031	CHR10:5075031	SSF x Near_LoA	-10,357	-0,037	0,292
CHR10	5075034	CHR10:5075034	SSF x Near_LoA	-8,848	0,084	0,273
CHR10	5075072	CHR10:5075072	SSF x Near_LoA	-8,917	-0,165	0,286
CHR10	5075108	CHR10:5075108	SSF x Near_LoA	-7,937	0,010	0,288
CHR10	5075140	CHR10:5075140	SSF x Near_LoA	-8,507	-0,107	0,277
CHR10	5078829	CHR10:5078829	SSF x Near_LoA	-7,314	-0,113	0,295
CHR10	5082775	CHR10:5082775	SSF x Near_LoA	-6,771	-0,055	0,275
CHR10	5094536	CHR10:5094536	SSF x Near_LoA	-8,011	-0,104	0,264
CHR10	5094705	CHR10:5094705	SSF x Near_LoA	-9,127	0,048	0,296
CHR10	5094740	CHR10:5094740	SSF x Near_LoA	-8,544	-0,058	0,277
CHR10	5094745	CHR10:5094745	SSF x Near_LoA	-5,601	0,142	0,291
CHR10	5094747	CHR10:5094747	SSF x Near_LoA	-7,071	0,126	0,287
CHR10	5094796	CHR10:5094796	SSF x Near_LoA	-4,313	0,245	0,271
CHR10	5094805	CHR10:5094805	SSF x Near_LoA	-5,018	-0,204	0,268
CHR10	5101870	CHR10:5101870	SSF x Near_LoA	-4,586	-0,180	0,283
CHR10	5102032	CHR10:5102032	SSF x Near_LoA	-9,245	0,050	0,268
CHR10	5102143	CHR10:5102143	SSF x Near_LoA	-8,621	-0,132	0,297
CHR10	5106742	CHR10:5106742	SSF x Near_LoA	-7,282	-0,043	0,285
CHR10	5106750	CHR10:5106750	SSF x Near_LoA	-3,032	0,009	0,287
CHR10	5106785	CHR10:5106785	SSF x Near_LoA	-7,558	-0,074	0,278
CHR10	5106787	CHR10:5106787	SSF x Near_LoA	-7,487	-0,081	0,284
CHR10	5106839	CHR10:5106839	SSF x Near_LoA	-5,905	-0,108	0,296
CHR10	5106842	CHR10:5106842	SSF x Near_LoA	-4,452	-0,175	0,286
CHR10	5134836	CHR10:5134836	SSF x Near_LoA	-8,087	-0,028	0,267
CHR10	5134837	CHR10:5134837	SSF x Near_LoA	-8,220	-0,021	0,275
CHR10	5134859	CHR10:5134859	SSF x Near_LoA	-7,116	-0,116	0,300
CHR10	5134948	CHR10:5134948	SSF x Near_LoA	-6,062	0,113	0,295
CHR10	5134990	CHR10:5134990	SSF x Near_LoA	-7,888	-0,068	0,280
CHR10	5134994	CHR10:5134994	SSF x Near_LoA	-8,546	-0,034	0,272
CHR10	5135013	CHR10:5135013	SSF x Near_LoA	-9,009	-0,001	0,292
CHR10	5135044	CHR10:5135044	SSF x Near_LoA	-9,340	-0,039	0,289
CHR10	5135837	CHR10:5135837	SSF x Near_LoA	-8,791	0,005	0,282
CHR10	5135840	CHR10:5135840	SSF x Near_LoA	-7,681	0,011	0,297
CHR10	5135848	CHR10:5135848	SSF x Near_LoA	-5,775	-0,087	0,292
CHR10	5135850	CHR10:5135850	SSF x Near_LoA	-7,158	-0,064	0,293
CHR10	5135865	CHR10:5135865	SSF x Near_LoA	-4,692	-0,180	0,284
CHR10	5135879	CHR10:5135879	SSF x Near_LoA	-2,158	0,216	0,278
CHR10	5138642	CHR10:5138642	SSF x Near_LoA	-5,584	-0,030	0,301
CHR10	5138706	CHR10:5138706	SSF x Near_LoA	-5,949	-0,079	0,282
CHR10	5138815	CHR10:5138815	SSF x Near_LoA	-8,062	0,030	0,290
CHR10	5138817	CHR10:5138817	SSF x Near_LoA	-8,461	0,022	0,285
CHR10	5138879	CHR10:5138879	SSF x Near_LoA	-8,796	-0,029	0,295
CHR10	5158819	CHR10:5158819	SSF x Near_LoA	-8,139	-0,027	0,299
CHR10	5158838	CHR10:5158838	SSF x Near_LoA	-8,970	-0,037	0,270
CHR10	5158843	CHR10:5158843	SSF x Near_LoA	-8,491	-0,020	0,280
CHR10	5158864	CHR10:5158864	SSF x Near_LoA	-8,441	-0,033	0,286
CHR10	5158865	CHR10:5158865	SSF x Near_LoA	-7,870	-0,048	0,286
CHR10	5158891	CHR10:5158891	SSF x Near_LoA	-9,027	-0,049	0,289

CHR10	5158895	CHR10:5158895	SSF x Near_LoA	-8,844	-0,058	0,286
CHR10	5165444	CHR10:5165444	SSF x Near_LoA	-8,026	-0,027	0,268
CHR10	5165764	CHR10:5165764	SSF x Near_LoA	-9,305	0,039	0,261
CHR10	5178737	CHR10:5178737	SSF x Near_LoA	-8,650	-0,064	0,296
CHR10	5187103	CHR10:5187103	SSF x Near_LoA	-5,792	-0,092	0,294
CHR10	5191017	CHR10:5191017	SSF x Near_LoA	-7,900	0,038	0,287
CHR10	5191035	CHR10:5191035	SSF x Near_LoA	-7,990	-0,030	0,272
CHR10	5191137	CHR10:5191137	SSF x Near_LoA	-8,506	-0,130	0,294
CHR10	5191159	CHR10:5191159	SSF x Near_LoA	-4,028	0,053	0,298
CHR10	5200339	CHR10:5200339	SSF x Near_LoA	-5,441	0,216	0,278
CHR10	5200351	CHR10:5200351	SSF x Near_LoA	-8,302	0,082	0,294
CHR10	5217620	CHR10:5217620	SSF x Near_LoA	-8,082	0,051	0,284
CHR10	5217626	CHR10:5217626	SSF x Near_LoA	-6,317	-0,094	0,299
CHR10	5217663	CHR10:5217663	SSF x Near_LoA	-9,273	0,068	0,290
CHR10	5217809	CHR10:5217809	SSF x Near_LoA	-8,509	-0,098	0,280
CHR10	5227398	CHR10:5227398	SSF x Near_LoA	-7,446	0,071	0,288
CHR10	5227691	CHR10:5227691	SSF x Near_LoA	-7,529	-0,100	0,282
CHR10	5239586	CHR10:5239586	SSF x Near_LoA	-7,923	-0,056	0,281
CHR10	5239774	CHR10:5239774	SSF x Near_LoA	-7,380	-0,091	0,281
CHR10	5239832	CHR10:5239832	SSF x Near_LoA	-9,002	0,014	0,279
CHR10	5239841	CHR10:5239841	SSF x Near_LoA	-8,057	0,020	0,286
CHR10	5253265	CHR10:5253265	SSF x Near_LoA	-8,333	0,098	0,276
CHR10	5253286	CHR10:5253286	SSF x Near_LoA	-8,136	0,061	0,298
CHR10	5253435	CHR10:5253435	SSF x Near_LoA	-8,922	-0,008	0,296
CHR10	5253528	CHR10:5253528	SSF x Near_LoA	-5,797	0,176	0,266
CHR10	5253591	CHR10:5253591	SSF x Near_LoA	-4,608	-0,191	0,278
CHR10	5253607	CHR10:5253607	SSF x Near_LoA	-7,851	0,052	0,298
CHR10	5258197	CHR10:5258197	SSF x Near_LoA	-7,294	0,073	0,291
CHR10	5258199	CHR10:5258199	SSF x Near_LoA	-8,130	0,063	0,284
CHR10	5258200	CHR10:5258200	SSF x Near_LoA	-7,728	0,083	0,292
CHR10	5258202	CHR10:5258202	SSF x Near_LoA	-6,608	0,073	0,292
CHR10	5258268	CHR10:5258268	SSF x Near_LoA	-0,712	0,183	0,283
CHR10	5264454	CHR10:5264454	SSF x Near_LoA	-5,473	-0,135	0,290
CHR10	526851	CHR10:526851	SSF x Near_LoA	-9,221	0,049	0,272
CHR10	5286024	CHR10:5286024	SSF x Near_LoA	-7,222	0,185	0,271
CHR10	5288271	CHR10:5288271	SSF x Near_LoA	-9,560	-0,090	0,286
CHR10	5294738	CHR10:5294738	SSF x Near_LoA	-8,490	0,020	0,305
CHR10	5294833	CHR10:5294833	SSF x Near_LoA	-2,030	-0,186	0,284
CHR10	5303365	CHR10:5303365	SSF x Near_LoA	-7,588	0,004	0,299
CHR10	5303377	CHR10:5303377	SSF x Near_LoA	-7,289	-0,034	0,298
CHR10	5303457	CHR10:5303457	SSF x Near_LoA	-3,973	-0,209	0,283
CHR10	5303523	CHR10:5303523	SSF x Near_LoA	-8,774	-0,117	0,273
CHR10	5303565	CHR10:5303565	SSF x Near_LoA	-8,280	-0,014	0,297
CHR10	5306384	CHR10:5306384	SSF x Near_LoA	-8,974	0,014	0,285
CHR10	5306430	CHR10:5306430	SSF x Near_LoA	-8,190	0,151	0,279
CHR10	5313775	CHR10:5313775	SSF x Near_LoA	-6,605	0,098	0,285
CHR10	5313780	CHR10:5313780	SSF x Near_LoA	-8,244	0,012	0,294
CHR10	5314024	CHR10:5314024	SSF x Near_LoA	-9,255	0,146	0,269
CHR10	5327629	CHR10:5327629	SSF x Near_LoA	-6,491	0,145	0,292
CHR10	5327716	CHR10:5327716	SSF x Near_LoA	-6,827	-0,027	0,297
CHR10	5327765	CHR10:5327765	SSF x Near_LoA	-3,322	0,232	0,265
CHR10	5327767	CHR10:5327767	SSF x Near_LoA	-6,595	-0,092	0,293
CHR10	5353686	CHR10:5353686	SSF x Near_LoA	-7,681	0,058	0,297

CHR10	5353769	CHR10:5353769	SSF x Near_LoA	-7,779	0,060	0,274
CHR10	5354020	CHR10:5354020	SSF x Near_LoA	-11,325	-0,034	0,277
CHR10	5354039	CHR10:5354039	SSF x Near_LoA	-8,688	-0,089	0,284
CHR10	5357687	CHR10:5357687	SSF x Near_LoA	0,620	-0,196	0,278
CHR10	5357689	CHR10:5357689	SSF x Near_LoA	-5,294	-0,184	0,285
CHR10	5357758	CHR10:5357758	SSF x Near_LoA	-5,427	-0,170	0,280
CHR10	5381940	CHR10:5381940	SSF x Near_LoA	-7,691	0,082	0,286
CHR10	5383760	CHR10:5383760	SSF x Near_LoA	-8,459	-0,093	0,286
CHR10	5387065	CHR10:5387065	SSF x Near_LoA	-3,976	-0,226	0,260
CHR10	5387161	CHR10:5387161	SSF x Near_LoA	-5,770	-0,013	0,295
CHR10	5392634	CHR10:5392634	SSF x Near_LoA	-5,719	-0,075	0,278
CHR10	5392643	CHR10:5392643	SSF x Near_LoA	-10,162	-0,083	0,285
CHR10	5392652	CHR10:5392652	SSF x Near_LoA	-9,512	-0,087	0,288
CHR10	5392715	CHR10:5392715	SSF x Near_LoA	-8,826	-0,008	0,294
CHR10	5392812	CHR10:5392812	SSF x Near_LoA	-4,330	-0,081	0,288
CHR10	5392859	CHR10:5392859	SSF x Near_LoA	-7,774	0,074	0,280
CHR10	539602	CHR10:539602	SSF x Near_LoA	-8,189	-0,182	0,266
CHR10	539753	CHR10:539753	SSF x Near_LoA	-6,330	0,180	0,277
CHR10	5405449	CHR10:5405449	SSF x Near_LoA	-8,181	0,031	0,285
CHR10	5405454	CHR10:5405454	SSF x Near_LoA	-7,273	0,033	0,303
CHR10	5405517	CHR10:5405517	SSF x Near_LoA	-8,910	0,062	0,304
CHR10	5411098	CHR10:5411098	SSF x Near_LoA	-1,890	-0,178	0,275
CHR10	5411197	CHR10:5411197	SSF x Near_LoA	-9,406	-0,107	0,290
CHR10	5411275	CHR10:5411275	SSF x Near_LoA	-7,695	-0,156	0,283
CHR10	5411283	CHR10:5411283	SSF x Near_LoA	-6,329	0,049	0,303
CHR10	5414629	CHR10:5414629	SSF x Near_LoA	-10,022	-0,018	0,293
CHR10	5414651	CHR10:5414651	SSF x Near_LoA	-7,971	0,061	0,288
CHR10	5414701	CHR10:5414701	SSF x Near_LoA	-9,190	-0,025	0,307
CHR10	543148	CHR10:543148	SSF x Near_LoA	-9,521	-0,141	0,277
CHR10	5431952	CHR10:5431952	SSF x Near_LoA	-6,674	0,013	0,297
CHR10	5432074	CHR10:5432074	SSF x Near_LoA	-8,695	-0,139	0,300
CHR10	543340	CHR10:543340	SSF x Near_LoA	0,292	-0,178	0,276
CHR10	543450	CHR10:543450	SSF x Near_LoA	-8,411	-0,122	0,281
CHR10	5451858	CHR10:5451858	SSF x Near_LoA	-8,630	0,037	0,289
CHR10	5452032	CHR10:5452032	SSF x Near_LoA	-9,490	-0,050	0,272
CHR10	5452126	CHR10:5452126	SSF x Near_LoA	-7,978	0,021	0,284
CHR10	5452128	CHR10:5452128	SSF x Near_LoA	-7,938	-0,067	0,283
CHR10	5452152	CHR10:5452152	SSF x Near_LoA	-6,536	0,046	0,271
CHR10	5452164	CHR10:5452164	SSF x Near_LoA	-6,409	0,135	0,284
CHR10	5452184	CHR10:5452184	SSF x Near_LoA	-7,506	0,079	0,283
CHR10	5453482	CHR10:5453482	SSF x Near_LoA	-6,513	-0,080	0,289
CHR10	5453527	CHR10:5453527	SSF x Near_LoA	-8,747	0,103	0,287
CHR10	5453696	CHR10:5453696	SSF x Near_LoA	-7,451	0,060	0,274
CHR10	5453699	CHR10:5453699	SSF x Near_LoA	-8,730	0,068	0,272
CHR10	5453702	CHR10:5453702	SSF x Near_LoA	-5,078	-0,176	0,272
CHR10	5473472	CHR10:5473472	SSF x Near_LoA	-5,578	-0,164	0,276
CHR10	5474644	CHR10:5474644	SSF x Near_LoA	-7,116	0,117	0,273
CHR10	5474894	CHR10:5474894	SSF x Near_LoA	-7,862	-0,072	0,277
CHR10	5488310	CHR10:5488310	SSF x Near_LoA	-2,548	0,196	0,261
CHR10	5507774	CHR10:5507774	SSF x Near_LoA	-5,763	0,163	0,279
CHR10	5507811	CHR10:5507811	SSF x Near_LoA	-3,766	-0,212	0,275
CHR10	5507848	CHR10:5507848	SSF x Near_LoA	-5,428	-0,202	0,284
CHR10	5507866	CHR10:5507866	SSF x Near_LoA	-1,900	-0,177	0,278

CHR10	5507923	CHR10:5507923	SSF x Near_LoA	-6,395	0,109	0,284
CHR10	5508007	CHR10:5508007	SSF x Near_LoA	-9,683	0,011	0,292
CHR10	5508018	CHR10:5508018	SSF x Near_LoA	-7,461	0,108	0,278
CHR10	5521756	CHR10:5521756	SSF x Near_LoA	-8,204	0,025	0,284
CHR10	5523949	CHR10:5523949	SSF x Near_LoA	-10,218	-0,006	0,297
CHR10	5524002	CHR10:5524002	SSF x Near_LoA	-9,931	0,071	0,279
CHR10	5524265	CHR10:5524265	SSF x Near_LoA	-7,503	-0,117	0,279
CHR10	5526465	CHR10:5526465	SSF x Near_LoA	-8,137	0,172	0,273
CHR10	5527982	CHR10:5527982	SSF x Near_LoA	-9,324	-0,047	0,280
CHR10	5528025	CHR10:5528025	SSF x Near_LoA	-5,809	-0,124	0,282
CHR10	5550066	CHR10:5550066	SSF x Near_LoA	-8,756	-0,126	0,289
CHR10	5550070	CHR10:5550070	SSF x Near_LoA	-8,800	-0,080	0,277
CHR10	5552002	CHR10:5552002	SSF x Near_LoA	-10,662	0,052	0,291
CHR10	5556756	CHR10:5556756	SSF x Near_LoA	-8,877	-0,048	0,285
CHR10	5566860	CHR10:5566860	SSF x Near_LoA	-8,731	0,016	0,265
CHR10	556847	CHR10:556847	SSF x Near_LoA	-9,978	0,012	0,286
CHR10	556859	CHR10:556859	SSF x Near_LoA	-9,992	-0,004	0,296
CHR10	5570954	CHR10:5570954	SSF x Near_LoA	-9,070	0,036	0,290
CHR10	5570973	CHR10:5570973	SSF x Near_LoA	-8,622	-0,044	0,285
CHR10	5570984	CHR10:5570984	SSF x Near_LoA	-10,505	-0,037	0,304
CHR10	5571089	CHR10:5571089	SSF x Near_LoA	-6,439	0,151	0,274
CHR10	5571096	CHR10:5571096	SSF x Near_LoA	-5,782	0,056	0,289
CHR10	5571111	CHR10:5571111	SSF x Near_LoA	-9,454	0,036	0,298
CHR10	5571127	CHR10:5571127	SSF x Near_LoA	-9,346	0,018	0,287
CHR10	5574027	CHR10:5574027	SSF x Near_LoA	-7,861	-0,051	0,280
CHR10	5588526	CHR10:5588526	SSF x Near_LoA	-6,992	-0,019	0,300
CHR10	5588671	CHR10:5588671	SSF x Near_LoA	-5,957	-0,033	0,275
CHR10	5588723	CHR10:5588723	SSF x Near_LoA	-7,880	0,005	0,282
CHR10	5590069	CHR10:5590069	SSF x Near_LoA	-5,748	-0,248	0,271
CHR10	5590181	CHR10:5590181	SSF x Near_LoA	-7,568	0,135	0,286
CHR10	5590214	CHR10:5590214	SSF x Near_LoA	-7,291	-0,003	0,288
CHR10	5590233	CHR10:5590233	SSF x Near_LoA	-6,156	0,022	0,304
CHR10	5590268	CHR10:5590268	SSF x Near_LoA	-8,329	0,024	0,290
CHR10	5590276	CHR10:5590276	SSF x Near_LoA	-7,221	-0,022	0,304
CHR10	5590311	CHR10:5590311	SSF x Near_LoA	-9,841	0,048	0,289
CHR10	5592895	CHR10:5592895	SSF x Near_LoA	-3,601	0,224	0,287
CHR10	5592900	CHR10:5592900	SSF x Near_LoA	-7,086	0,118	0,293
CHR10	5593074	CHR10:5593074	SSF x Near_LoA	-6,947	-0,056	0,297
CHR10	5599785	CHR10:5599785	SSF x Near_LoA	-8,259	-0,044	0,303
CHR10	5607595	CHR10:5607595	SSF x Near_LoA	-8,176	0,019	0,295
CHR10	5607624	CHR10:5607624	SSF x Near_LoA	-9,501	0,023	0,286
CHR10	5607676	CHR10:5607676	SSF x Near_LoA	-4,044	-0,220	0,268
CHR10	5607728	CHR10:5607728	SSF x Near_LoA	-3,234	-0,211	0,271
CHR10	5616521	CHR10:5616521	SSF x Near_LoA	-9,321	0,116	0,273
CHR10	5629699	CHR10:5629699	SSF x Near_LoA	-10,446	0,052	0,282
CHR10	5629768	CHR10:5629768	SSF x Near_LoA	-5,841	-0,122	0,293
CHR10	5629807	CHR10:5629807	SSF x Near_LoA	-9,716	-0,058	0,290
CHR10	5655808	CHR10:5655808	SSF x Near_LoA	-6,307	-0,180	0,271
CHR10	5655871	CHR10:5655871	SSF x Near_LoA	-7,416	-0,096	0,281
CHR10	5661506	CHR10:5661506	SSF x Near_LoA	-10,194	0,003	0,298
CHR10	5661685	CHR10:5661685	SSF x Near_LoA	-3,488	0,077	0,283
CHR10	5661747	CHR10:5661747	SSF x Near_LoA	-9,443	-0,025	0,285
CHR10	5661802	CHR10:5661802	SSF x Near_LoA	-9,655	0,036	0,296

CHR10	5661871	CHR10:5661871	SSF x Near_LoA	-5,808	-0,124	0,289
CHR10	5666024	CHR10:5666024	SSF x Near_LoA	-4,911	0,203	0,275
CHR10	5686541	CHR10:5686541	SSF x Near_LoA	-9,238	0,017	0,285
CHR10	5686597	CHR10:5686597	SSF x Near_LoA	-7,640	0,126	0,273
CHR10	5686908	CHR10:5686908	SSF x Near_LoA	-7,695	-0,021	0,283
CHR10	5701327	CHR10:5701327	SSF x Near_LoA	-7,992	0,092	0,300
CHR10	5704983	CHR10:5704983	SSF x Near_LoA	-8,120	-0,068	0,293
CHR10	5705364	CHR10:5705364	SSF x Near_LoA	-2,752	0,239	0,279
CHR10	5705409	CHR10:5705409	SSF x Near_LoA	1,943	0,164	0,271
CHR10	5705434	CHR10:5705434	SSF x Near_LoA	-8,078	0,006	0,272
CHR10	5710614	CHR10:5710614	SSF x Near_LoA	-7,371	0,035	0,274
CHR10	5713506	CHR10:5713506	SSF x Near_LoA	-6,309	0,145	0,285
CHR10	5732807	CHR10:5732807	SSF x Near_LoA	-9,064	0,114	0,292
CHR10	5732997	CHR10:5732997	SSF x Near_LoA	-6,981	0,130	0,280
CHR10	5754811	CHR10:5754811	SSF x Near_LoA	-9,349	0,059	0,272
CHR10	5775045	CHR10:5775045	SSF x Near_LoA	-8,067	-0,010	0,280
CHR10	5775260	CHR10:5775260	SSF x Near_LoA	-9,555	-0,173	0,269
CHR10	5775316	CHR10:5775316	SSF x Near_LoA	-0,952	0,083	0,286
CHR10	5775392	CHR10:5775392	SSF x Near_LoA	-5,668	0,152	0,288
CHR10	5787669	CHR10:5787669	SSF x Near_LoA	-5,495	0,198	0,288
CHR10	5787720	CHR10:5787720	SSF x Near_LoA	-5,784	0,128	0,284
CHR10	5795761	CHR10:5795761	SSF x Near_LoA	-8,687	-0,024	0,293
CHR10	5795857	CHR10:5795857	SSF x Near_LoA	-8,374	0,001	0,285
CHR10	5835972	CHR10:5835972	SSF x Near_LoA	-2,935	0,265	0,275
CHR10	5836218	CHR10:5836218	SSF x Near_LoA	-9,323	0,082	0,281
CHR10	5836243	CHR10:5836243	SSF x Near_LoA	-8,126	0,168	0,271
CHR10	5836972	CHR10:5836972	SSF x Near_LoA	-10,157	-0,021	0,290
CHR10	5837094	CHR10:5837094	SSF x Near_LoA	-8,322	0,087	0,286
CHR10	5837153	CHR10:5837153	SSF x Near_LoA	-4,208	0,041	0,292
CHR10	5866801	CHR10:5866801	SSF x Near_LoA	-7,901	-0,022	0,279
CHR10	5866802	CHR10:5866802	SSF x Near_LoA	-7,291	-0,025	0,276
CHR10	5866842	CHR10:5866842	SSF x Near_LoA	-7,517	-0,022	0,288
CHR10	5866849	CHR10:5866849	SSF x Near_LoA	-8,263	-0,024	0,274
CHR10	5874534	CHR10:5874534	SSF x Near_LoA	-7,883	0,070	0,291
CHR10	5874576	CHR10:5874576	SSF x Near_LoA	-9,819	-0,020	0,283
CHR10	5875842	CHR10:5875842	SSF x Near_LoA	-7,749	-0,094	0,284
CHR10	5876158	CHR10:5876158	SSF x Near_LoA	-10,024	0,083	0,273
CHR10	5884898	CHR10:5884898	SSF x Near_LoA	-7,231	0,048	0,280
CHR10	5884916	CHR10:5884916	SSF x Near_LoA	-7,465	0,047	0,293
CHR10	5885230	CHR10:5885230	SSF x Near_LoA	-3,644	-0,223	0,272
CHR10	5889600	CHR10:5889600	SSF x Near_LoA	-9,457	0,075	0,284
CHR10	5891894	CHR10:5891894	SSF x Near_LoA	-8,790	0,067	0,289
CHR10	5896365	CHR10:5896365	SSF x Near_LoA	-7,056	0,039	0,299
CHR10	5897687	CHR10:5897687	SSF x Near_LoA	-11,176	0,049	0,284
CHR10	5897744	CHR10:5897744	SSF x Near_LoA	-8,313	0,086	0,279
CHR10	5897768	CHR10:5897768	SSF x Near_LoA	-4,554	0,195	0,273
CHR10	5897816	CHR10:5897816	SSF x Near_LoA	-5,727	-0,052	0,294
CHR10	5897817	CHR10:5897817	SSF x Near_LoA	-8,016	-0,067	0,287
CHR10	5909341	CHR10:5909341	SSF x Near_LoA	-9,593	0,028	0,286
CHR10	5909348	CHR10:5909348	SSF x Near_LoA	-7,012	-0,074	0,277
CHR10	5909355	CHR10:5909355	SSF x Near_LoA	-11,049	0,059	0,275
CHR10	5909360	CHR10:5909360	SSF x Near_LoA	-7,426	0,042	0,288
CHR10	5909795	CHR10:5909795	SSF x Near_LoA	-10,782	-0,099	0,273

CHR10	5909859	CHR10:5909859	SSF x Near_LoA	-4,874	0,212	0,282
CHR10	5909860	CHR10:5909860	SSF x Near_LoA	-8,667	-0,005	0,291
CHR10	5909967	CHR10:5909967	SSF x Near_LoA	-7,472	-0,079	0,268
CHR10	5914826	CHR10:5914826	SSF x Near_LoA	-9,732	0,096	0,299
CHR10	5914997	CHR10:5914997	SSF x Near_LoA	-8,338	0,041	0,284
CHR10	5926376	CHR10:5926376	SSF x Near_LoA	-9,214	0,004	0,297
CHR10	5926431	CHR10:5926431	SSF x Near_LoA	-6,426	0,097	0,299
CHR10	5926447	CHR10:5926447	SSF x Near_LoA	-10,524	-0,007	0,282
CHR10	5926453	CHR10:5926453	SSF x Near_LoA	-6,718	0,058	0,284
CHR10	5926457	CHR10:5926457	SSF x Near_LoA	-6,636	-0,145	0,286
CHR10	5926473	CHR10:5926473	SSF x Near_LoA	-9,132	-0,118	0,281
CHR10	5926484	CHR10:5926484	SSF x Near_LoA	-2,414	-0,104	0,287
CHR10	5927603	CHR10:5927603	SSF x Near_LoA	-10,735	-0,005	0,275
CHR10	5927649	CHR10:5927649	SSF x Near_LoA	-9,634	0,005	0,301
CHR10	5933138	CHR10:5933138	SSF x Near_LoA	-3,845	-0,110	0,279
CHR10	5935304	CHR10:5935304	SSF x Near_LoA	-7,325	0,137	0,289
CHR10	5935311	CHR10:5935311	SSF x Near_LoA	-7,723	-0,044	0,289
CHR10	5941223	CHR10:5941223	SSF x Near_LoA	-9,121	0,020	0,281
CHR10	5941287	CHR10:5941287	SSF x Near_LoA	-9,596	0,070	0,279
CHR10	5941307	CHR10:5941307	SSF x Near_LoA	-7,260	-0,010	0,283
CHR10	5941310	CHR10:5941310	SSF x Near_LoA	-9,593	0,100	0,274
CHR10	5941318	CHR10:5941318	SSF x Near_LoA	-10,275	0,080	0,269
CHR10	5941340	CHR10:5941340	SSF x Near_LoA	-10,321	-0,030	0,271
CHR10	5941352	CHR10:5941352	SSF x Near_LoA	1,148	0,077	0,285
CHR10	5972187	CHR10:5972187	SSF x Near_LoA	-8,294	0,072	0,291
CHR10	5972222	CHR10:5972222	SSF x Near_LoA	-7,553	-0,026	0,290
CHR10	5972291	CHR10:5972291	SSF x Near_LoA	-5,417	0,224	0,287
CHR10	5972432	CHR10:5972432	SSF x Near_LoA	-8,266	0,054	0,281
CHR10	5976495	CHR10:5976495	SSF x Near_LoA	-9,078	0,157	0,266
CHR10	5976511	CHR10:5976511	SSF x Near_LoA	-8,259	-0,030	0,293
CHR10	5977486	CHR10:5977486	SSF x Near_LoA	-9,916	0,021	0,292
CHR10	5977676	CHR10:5977676	SSF x Near_LoA	-6,019	-0,139	0,275
CHR10	5985371	CHR10:5985371	SSF x Near_LoA	-9,059	0,037	0,279
CHR10	5985571	CHR10:5985571	SSF x Near_LoA	-7,450	0,010	0,294
CHR10	5985579	CHR10:5985579	SSF x Near_LoA	-8,402	0,003	0,282
CHR10	5985584	CHR10:5985584	SSF x Near_LoA	-8,341	0,064	0,286
CHR10	5999585	CHR10:5999585	SSF x Near_LoA	-8,494	0,018	0,279
CHR10	5999630	CHR10:5999630	SSF x Near_LoA	-6,261	0,095	0,274
CHR10	5999638	CHR10:5999638	SSF x Near_LoA	-6,942	0,122	0,285
CHR10	5999639	CHR10:5999639	SSF x Near_LoA	-6,685	0,057	0,291
CHR10	5999706	CHR10:5999706	SSF x Near_LoA	-7,795	-0,001	0,290
CHR10	5999748	CHR10:5999748	SSF x Near_LoA	-4,505	-0,107	0,273
CHR10	6000567	CHR10:6000567	SSF x Near_LoA	-5,791	0,086	0,271
CHR10	6000634	CHR10:6000634	SSF x Near_LoA	-5,418	0,108	0,266
CHR10	6003261	CHR10:6003261	SSF x Near_LoA	-9,446	0,082	0,284
CHR10	6009038	CHR10:6009038	SSF x Near_LoA	-6,335	0,076	0,303
CHR10	6009052	CHR10:6009052	SSF x Near_LoA	-8,017	0,172	0,273
CHR10	6009071	CHR10:6009071	SSF x Near_LoA	-6,825	-0,178	0,275
CHR10	6009088	CHR10:6009088	SSF x Near_LoA	-6,913	0,103	0,285
CHR10	6036600	CHR10:6036600	SSF x Near_LoA	-8,192	0,008	0,281
CHR10	6036940	CHR10:6036940	SSF x Near_LoA	-10,102	0,057	0,305
CHR10	6039728	CHR10:6039728	SSF x Near_LoA	-8,102	-0,004	0,292
CHR10	6039734	CHR10:6039734	SSF x Near_LoA	-6,934	-0,092	0,284

CHR10	6039763	CHR10:6039763	SSF x Near_LoA	-9,759	0,019	0,287
CHR10	6039766	CHR10:6039766	SSF x Near_LoA	-7,717	0,165	0,284
CHR10	6039767	CHR10:6039767	SSF x Near_LoA	-6,697	0,188	0,280
CHR10	6039828	CHR10:6039828	SSF x Near_LoA	-3,920	-0,029	0,299
CHR10	6039831	CHR10:6039831	SSF x Near_LoA	-9,480	-0,042	0,269
CHR10	6039835	CHR10:6039835	SSF x Near_LoA	-9,165	-0,039	0,281
CHR10	6047146	CHR10:6047146	SSF x Near_LoA	-8,862	0,105	0,291
CHR10	6047342	CHR10:6047342	SSF x Near_LoA	-10,624	-0,044	0,283
CHR10	6047411	CHR10:6047411	SSF x Near_LoA	-5,252	-0,066	0,306
CHR10	6047481	CHR10:6047481	SSF x Near_LoA	-9,846	0,006	0,288
CHR10	608015	CHR10:608015	SSF x Near_LoA	-6,636	0,129	0,296
CHR10	608107	CHR10:608107	SSF x Near_LoA	-6,792	0,015	0,288
CHR10	6095729	CHR10:6095729	SSF x Near_LoA	-5,048	0,235	0,284
CHR10	6095752	CHR10:6095752	SSF x Near_LoA	-1,828	0,234	0,265
CHR10	6099425	CHR10:6099425	SSF x Near_LoA	-9,186	0,007	0,284
CHR10	6099446	CHR10:6099446	SSF x Near_LoA	-3,759	-0,152	0,280
CHR10	6112168	CHR10:6112168	SSF x Near_LoA	-7,051	0,028	0,296
CHR10	6112175	CHR10:6112175	SSF x Near_LoA	-8,386	-0,068	0,260
CHR10	6116492	CHR10:6116492	SSF x Near_LoA	-9,697	0,001	0,298
CHR10	6116707	CHR10:6116707	SSF x Near_LoA	-8,203	-0,004	0,277
CHR10	614237	CHR10:614237	SSF x Near_LoA	-2,697	0,200	0,276
CHR10	614337	CHR10:614337	SSF x Near_LoA	-10,223	0,061	0,289
CHR10	6151940	CHR10:6151940	SSF x Near_LoA	-10,545	0,026	0,288
CHR10	6152098	CHR10:6152098	SSF x Near_LoA	-0,981	0,244	0,269
CHR10	6152161	CHR10:6152161	SSF x Near_LoA	-3,226	0,246	0,281
CHR10	6152168	CHR10:6152168	SSF x Near_LoA	-4,935	0,266	0,266
CHR10	6152215	CHR10:6152215	SSF x Near_LoA	-7,933	-0,051	0,288
CHR10	615566	CHR10:615566	SSF x Near_LoA	-7,865	0,040	0,287
CHR10	6158545	CHR10:6158545	SSF x Near_LoA	-7,569	-0,098	0,281
CHR10	6158551	CHR10:6158551	SSF x Near_LoA	-7,126	-0,049	0,284
CHR10	6158584	CHR10:6158584	SSF x Near_LoA	-8,811	0,085	0,280
CHR10	6166683	CHR10:6166683	SSF x Near_LoA	-8,473	0,047	0,296
CHR10	6166876	CHR10:6166876	SSF x Near_LoA	-4,945	0,117	0,297
CHR10	6177813	CHR10:6177813	SSF x Near_LoA	2,764	-0,160	0,283
CHR10	6177849	CHR10:6177849	SSF x Near_LoA	-5,215	0,216	0,269
CHR10	6177873	CHR10:6177873	SSF x Near_LoA	-5,419	0,087	0,279
CHR10	6178003	CHR10:6178003	SSF x Near_LoA	-4,513	0,228	0,279
CHR10	6183800	CHR10:6183800	SSF x Near_LoA	-6,913	-0,028	0,301
CHR10	6184076	CHR10:6184076	SSF x Near_LoA	-9,404	-0,004	0,283
CHR10	6184084	CHR10:6184084	SSF x Near_LoA	-8,311	0,052	0,288
CHR10	6195085	CHR10:6195085	SSF x Near_LoA	-7,555	0,096	0,280
CHR10	6196976	CHR10:6196976	SSF x Near_LoA	-6,737	-0,169	0,295
CHR10	6228844	CHR10:6228844	SSF x Near_LoA	-8,311	-0,060	0,281
CHR10	6228898	CHR10:6228898	SSF x Near_LoA	-6,942	-0,008	0,294
CHR10	6228913	CHR10:6228913	SSF x Near_LoA	-7,785	0,124	0,288
CHR10	6235758	CHR10:6235758	SSF x Near_LoA	-7,835	0,004	0,299
CHR10	6235780	CHR10:6235780	SSF x Near_LoA	-8,816	-0,033	0,291
CHR10	6235854	CHR10:6235854	SSF x Near_LoA	-10,808	0,006	0,277
CHR10	6236014	CHR10:6236014	SSF x Near_LoA	-10,325	-0,041	0,285
CHR10	6252583	CHR10:6252583	SSF x Near_LoA	-9,667	-0,034	0,285
CHR10	625873	CHR10:625873	SSF x Near_LoA	-10,016	-0,062	0,298
CHR10	6265355	CHR10:6265355	SSF x Near_LoA	-3,512	0,192	0,277
CHR10	6265393	CHR10:6265393	SSF x Near_LoA	0,324	0,275	0,270

CHR10	6265527	CHR10:6265527	SSF x Near_LoA	-5,713	-0,113	0,285
CHR10	629067	CHR10:629067	SSF x Near_LoA	-8,766	0,020	0,291
CHR10	6291730	CHR10:6291730	SSF x Near_LoA	-6,913	-0,106	0,281
CHR10	6317355	CHR10:6317355	SSF x Near_LoA	1,004	-0,234	0,276
CHR10	6317356	CHR10:6317356	SSF x Near_LoA	-5,756	-0,229	0,269
CHR10	6339025	CHR10:6339025	SSF x Near_LoA	-6,847	-0,033	0,296
CHR10	6339135	CHR10:6339135	SSF x Near_LoA	-3,718	-0,052	0,282
CHR10	6339148	CHR10:6339148	SSF x Near_LoA	-9,586	0,039	0,263
CHR10	6339165	CHR10:6339165	SSF x Near_LoA	-7,586	0,046	0,291
CHR10	6339253	CHR10:6339253	SSF x Near_LoA	-8,964	-0,124	0,273
CHR10	6339268	CHR10:6339268	SSF x Near_LoA	-6,217	0,118	0,280
CHR10	6339288	CHR10:6339288	SSF x Near_LoA	-6,870	0,150	0,291
CHR10	6351818	CHR10:6351818	SSF x Near_LoA	-9,925	0,021	0,291
CHR10	6351879	CHR10:6351879	SSF x Near_LoA	-8,678	-0,030	0,302
CHR10	6352145	CHR10:6352145	SSF x Near_LoA	-6,410	-0,111	0,284
CHR10	635349	CHR10:635349	SSF x Near_LoA	-8,954	-0,060	0,297
CHR10	6384338	CHR10:6384338	SSF x Near_LoA	-7,771	0,004	0,278
CHR10	6404122	CHR10:6404122	SSF x Near_LoA	-4,573	-0,090	0,289
CHR10	6404251	CHR10:6404251	SSF x Near_LoA	-10,355	0,043	0,293
CHR10	6416764	CHR10:6416764	SSF x Near_LoA	-6,838	-0,144	0,289
CHR10	6426869	CHR10:6426869	SSF x Near_LoA	-5,032	0,224	0,278
CHR10	6426879	CHR10:6426879	SSF x Near_LoA	-2,700	0,170	0,276
CHR10	6426966	CHR10:6426966	SSF x Near_LoA	-10,022	0,074	0,293
CHR10	6427020	CHR10:6427020	SSF x Near_LoA	-6,541	-0,024	0,285
CHR10	6427188	CHR10:6427188	SSF x Near_LoA	3,656	-0,034	0,274
CHR10	6444392	CHR10:6444392	SSF x Near_LoA	-10,695	-0,069	0,294
CHR10	6444412	CHR10:6444412	SSF x Near_LoA	-10,093	0,008	0,289
CHR10	6444496	CHR10:6444496	SSF x Near_LoA	-8,495	-0,098	0,292
CHR10	6450351	CHR10:6450351	SSF x Near_LoA	-7,931	-0,091	0,288
CHR10	6450352	CHR10:6450352	SSF x Near_LoA	-7,158	-0,085	0,290
CHR10	6451327	CHR10:6451327	SSF x Near_LoA	-7,397	0,037	0,278
CHR10	6451387	CHR10:6451387	SSF x Near_LoA	-8,793	0,040	0,285
CHR10	6460639	CHR10:6460639	SSF x Near_LoA	-8,622	0,047	0,286
CHR10	6475566	CHR10:6475566	SSF x Near_LoA	-7,690	-0,017	0,284
CHR10	6475610	CHR10:6475610	SSF x Near_LoA	-10,840	0,006	0,274
CHR10	6475624	CHR10:6475624	SSF x Near_LoA	-8,503	-0,010	0,299
CHR10	6475639	CHR10:6475639	SSF x Near_LoA	-7,336	0,013	0,303
CHR10	6475662	CHR10:6475662	SSF x Near_LoA	-8,138	0,038	0,288
CHR10	6475706	CHR10:6475706	SSF x Near_LoA	-7,676	-0,126	0,300
CHR10	6475726	CHR10:6475726	SSF x Near_LoA	-4,871	0,095	0,299
CHR10	6483471	CHR10:6483471	SSF x Near_LoA	-7,881	-0,031	0,286
CHR10	6483505	CHR10:6483505	SSF x Near_LoA	-4,215	0,130	0,285
CHR10	6517737	CHR10:6517737	SSF x Near_LoA	-2,977	0,088	0,283
CHR10	6517884	CHR10:6517884	SSF x Near_LoA	-10,100	0,064	0,271
CHR10	6517919	CHR10:6517919	SSF x Near_LoA	-9,290	0,092	0,281
CHR10	6517981	CHR10:6517981	SSF x Near_LoA	-7,250	0,128	0,281
CHR10	6524565	CHR10:6524565	SSF x Near_LoA	-6,266	0,146	0,271
CHR10	6524714	CHR10:6524714	SSF x Near_LoA	-8,860	-0,096	0,293
CHR10	6531988	CHR10:6531988	SSF x Near_LoA	-5,752	-0,088	0,275
CHR10	6586457	CHR10:6586457	SSF x Near_LoA	-7,691	0,014	0,287
CHR10	6586738	CHR10:6586738	SSF x Near_LoA	-11,150	-0,017	0,289
CHR10	6589885	CHR10:6589885	SSF x Near_LoA	-8,305	-0,177	0,274
CHR10	6589904	CHR10:6589904	SSF x Near_LoA	-6,403	-0,030	0,305

CHR10	6589963	CHR10:6589963	SSF x Near_LoA	-4,395	-0,151	0,287
CHR10	6589969	CHR10:6589969	SSF x Near_LoA	-6,246	-0,100	0,308
CHR10	6603304	CHR10:6603304	SSF x Near_LoA	-7,591	-0,017	0,285
CHR10	6603431	CHR10:6603431	SSF x Near_LoA	-8,466	-0,035	0,276
CHR10	6614649	CHR10:6614649	SSF x Near_LoA	-9,378	0,128	0,285
CHR10	6614861	CHR10:6614861	SSF x Near_LoA	-7,004	0,170	0,281
CHR10	6614972	CHR10:6614972	SSF x Near_LoA	-5,651	0,108	0,300
CHR10	6624801	CHR10:6624801	SSF x Near_LoA	-3,862	0,080	0,283
CHR10	6624838	CHR10:6624838	SSF x Near_LoA	-9,268	0,079	0,291
CHR10	6624852	CHR10:6624852	SSF x Near_LoA	-8,521	-0,012	0,294
CHR10	6624922	CHR10:6624922	SSF x Near_LoA	-7,214	0,110	0,295
CHR10	6624978	CHR10:6624978	SSF x Near_LoA	-9,613	0,075	0,277
CHR10	6629929	CHR10:6629929	SSF x Near_LoA	-8,254	0,129	0,278
CHR10	6629971	CHR10:6629971	SSF x Near_LoA	-8,496	0,018	0,288
CHR10	6633350	CHR10:6633350	SSF x Near_LoA	-7,026	-0,143	0,268
CHR10	6633352	CHR10:6633352	SSF x Near_LoA	-8,661	-0,027	0,285
CHR10	6633395	CHR10:6633395	SSF x Near_LoA	-10,021	-0,112	0,272
CHR10	6633524	CHR10:6633524	SSF x Near_LoA	-9,848	0,015	0,289
CHR10	6644328	CHR10:6644328	SSF x Near_LoA	-6,427	-0,129	0,264
CHR10	6644334	CHR10:6644334	SSF x Near_LoA	-8,683	-0,108	0,283
CHR10	6649742	CHR10:6649742	SSF x Near_LoA	-8,140	0,130	0,289
CHR10	6649743	CHR10:6649743	SSF x Near_LoA	-5,778	0,071	0,289
CHR10	6652229	CHR10:6652229	SSF x Near_LoA	-9,009	-0,018	0,281
CHR10	6652253	CHR10:6652253	SSF x Near_LoA	-7,635	0,132	0,288
CHR10	6660507	CHR10:6660507	SSF x Near_LoA	-3,640	0,184	0,287
CHR10	6660517	CHR10:6660517	SSF x Near_LoA	-8,019	0,052	0,282
CHR10	6667301	CHR10:6667301	SSF x Near_LoA	-5,337	-0,116	0,289
CHR10	6667344	CHR10:6667344	SSF x Near_LoA	-9,534	-0,030	0,304
CHR10	6667567	CHR10:6667567	SSF x Near_LoA	-7,541	0,051	0,293
CHR10	6667718	CHR10:6667718	SSF x Near_LoA	-2,981	0,043	0,289
CHR10	6689386	CHR10:6689386	SSF x Near_LoA	-8,031	-0,068	0,275
CHR10	6689533	CHR10:6689533	SSF x Near_LoA	-5,639	0,195	0,262
CHR10	6694481	CHR10:6694481	SSF x Near_LoA	-9,628	0,036	0,297
CHR10	6718463	CHR10:6718463	SSF x Near_LoA	-10,355	-0,020	0,283
CHR10	6737126	CHR10:6737126	SSF x Near_LoA	-6,386	0,085	0,288
CHR10	6751898	CHR10:6751898	SSF x Near_LoA	-9,264	0,031	0,309
CHR10	6753565	CHR10:6753565	SSF x Near_LoA	-9,134	0,022	0,290
CHR10	6753590	CHR10:6753590	SSF x Near_LoA	-5,741	0,071	0,276
CHR10	6759167	CHR10:6759167	SSF x Near_LoA	-7,780	-0,134	0,286
CHR10	6781568	CHR10:6781568	SSF x Near_LoA	-7,920	-0,088	0,282
CHR10	6781606	CHR10:6781606	SSF x Near_LoA	-7,164	0,159	0,286
CHR10	6781610	CHR10:6781610	SSF x Near_LoA	-8,559	0,032	0,272
CHR10	6794939	CHR10:6794939	SSF x Near_LoA	-6,312	-0,095	0,295
CHR10	6794941	CHR10:6794941	SSF x Near_LoA	-2,975	-0,165	0,276
CHR10	6794985	CHR10:6794985	SSF x Near_LoA	-9,351	0,134	0,279
CHR10	6795165	CHR10:6795165	SSF x Near_LoA	-6,724	-0,113	0,278
CHR10	6795214	CHR10:6795214	SSF x Near_LoA	-9,877	-0,110	0,285
CHR10	6799544	CHR10:6799544	SSF x Near_LoA	-6,492	0,100	0,287
CHR10	6799709	CHR10:6799709	SSF x Near_LoA	-7,577	-0,022	0,285
CHR10	6799716	CHR10:6799716	SSF x Near_LoA	-8,049	-0,002	0,284
CHR10	6799720	CHR10:6799720	SSF x Near_LoA	-8,845	0,121	0,288
CHR10	6799826	CHR10:6799826	SSF x Near_LoA	-9,434	0,010	0,288
CHR10	6807207	CHR10:6807207	SSF x Near_LoA	-10,462	0,061	0,285

CHR10	6807221	CHR10:6807221	SSF x Near_LoA	-6,313	-0,026	0,292
CHR10	6807236	CHR10:6807236	SSF x Near_LoA	-6,409	0,091	0,282
CHR10	6815617	CHR10:6815617	SSF x Near_LoA	-7,658	-0,075	0,285
CHR10	6821790	CHR10:6821790	SSF x Near_LoA	-4,877	0,037	0,288
CHR10	6822052	CHR10:6822052	SSF x Near_LoA	-8,573	-0,090	0,281
CHR10	6834238	CHR10:6834238	SSF x Near_LoA	-9,088	0,041	0,290
CHR10	6834277	CHR10:6834277	SSF x Near_LoA	-7,327	0,095	0,280
CHR10	6834281	CHR10:6834281	SSF x Near_LoA	-7,013	0,116	0,286
CHR10	6834286	CHR10:6834286	SSF x Near_LoA	-7,314	0,095	0,288
CHR10	6834295	CHR10:6834295	SSF x Near_LoA	-10,787	0,036	0,284
CHR10	6834336	CHR10:6834336	SSF x Near_LoA	-8,320	-0,056	0,275
CHR10	6834467	CHR10:6834467	SSF x Near_LoA	-9,134	0,014	0,293
CHR10	6834480	CHR10:6834480	SSF x Near_LoA	-6,095	0,128	0,289
CHR10	6898112	CHR10:6898112	SSF x Near_LoA	-9,375	-0,022	0,299
CHR10	6912337	CHR10:6912337	SSF x Near_LoA	-10,312	-0,072	0,280
CHR10	6923446	CHR10:6923446	SSF x Near_LoA	-7,247	0,138	0,288
CHR10	6928393	CHR10:6928393	SSF x Near_LoA	-8,483	0,051	0,288
CHR10	6929929	CHR10:6929929	SSF x Near_LoA	-6,196	-0,122	0,273
CHR10	6939235	CHR10:6939235	SSF x Near_LoA	-8,831	0,020	0,285
CHR10	6963889	CHR10:6963889	SSF x Near_LoA	-9,392	0,044	0,288
CHR10	6964094	CHR10:6964094	SSF x Near_LoA	-7,623	0,095	0,293
CHR10	6968595	CHR10:6968595	SSF x Near_LoA	-2,624	0,278	0,258
CHR10	6973834	CHR10:6973834	SSF x Near_LoA	-10,494	-0,032	0,294
CHR10	6991842	CHR10:6991842	SSF x Near_LoA	-9,277	0,021	0,289
CHR10	7022876	CHR10:7022876	SSF x Near_LoA	-8,538	0,011	0,277
CHR10	7022957	CHR10:7022957	SSF x Near_LoA	-7,463	0,053	0,297
CHR10	7024483	CHR10:7024483	SSF x Near_LoA	-8,826	0,114	0,294
CHR10	7029272	CHR10:7029272	SSF x Near_LoA	-8,848	0,055	0,278
CHR10	7029307	CHR10:7029307	SSF x Near_LoA	-8,388	0,064	0,289
CHR10	7029367	CHR10:7029367	SSF x Near_LoA	-4,183	0,024	0,295
CHR10	7029437	CHR10:7029437	SSF x Near_LoA	-9,448	0,083	0,283
CHR10	7038040	CHR10:7038040	SSF x Near_LoA	-6,240	-0,139	0,289
CHR10	7046628	CHR10:7046628	SSF x Near_LoA	-3,593	-0,187	0,271
CHR10	7048331	CHR10:7048331	SSF x Near_LoA	-7,177	-0,101	0,276
CHR10	7048343	CHR10:7048343	SSF x Near_LoA	-10,023	0,056	0,289
CHR10	7048408	CHR10:7048408	SSF x Near_LoA	-5,282	0,213	0,270
CHR10	7048441	CHR10:7048441	SSF x Near_LoA	-8,621	0,015	0,283
CHR10	7048513	CHR10:7048513	SSF x Near_LoA	-5,025	-0,219	0,288
CHR10	7056653	CHR10:7056653	SSF x Near_LoA	-8,547	0,115	0,288
CHR10	7056857	CHR10:7056857	SSF x Near_LoA	-5,383	-0,196	0,276
CHR10	7057016	CHR10:7057016	SSF x Near_LoA	-8,149	-0,005	0,283
CHR10	7080956	CHR10:7080956	SSF x Near_LoA	-10,452	-0,020	0,280
CHR10	7081241	CHR10:7081241	SSF x Near_LoA	-10,328	-0,032	0,284
CHR10	7085704	CHR10:7085704	SSF x Near_LoA	-7,305	0,121	0,280
CHR10	7090962	CHR10:7090962	SSF x Near_LoA	-7,505	-0,098	0,268
CHR10	7091073	CHR10:7091073	SSF x Near_LoA	-10,169	-0,106	0,274
CHR10	7091078	CHR10:7091078	SSF x Near_LoA	-7,797	0,109	0,273
CHR10	7106648	CHR10:7106648	SSF x Near_LoA	-6,973	0,163	0,270
CHR10	7106886	CHR10:7106886	SSF x Near_LoA	-5,801	0,112	0,272
CHR10	7107718	CHR10:7107718	SSF x Near_LoA	-6,866	0,061	0,290
CHR10	7109748	CHR10:7109748	SSF x Near_LoA	-8,039	-0,024	0,289
CHR10	7109806	CHR10:7109806	SSF x Near_LoA	-7,887	0,092	0,274
CHR10	7109864	CHR10:7109864	SSF x Near_LoA	-6,201	0,151	0,275

CHR10	7109867	CHR10:7109867	SSF x Near_LoA	-6,997	-0,138	0,277
CHR10	7116814	CHR10:7116814	SSF x Near_LoA	-10,169	-0,015	0,277
CHR10	7116821	CHR10:7116821	SSF x Near_LoA	-9,017	-0,055	0,284
CHR10	7116836	CHR10:7116836	SSF x Near_LoA	-6,840	-0,072	0,284
CHR10	7116878	CHR10:7116878	SSF x Near_LoA	-8,677	0,101	0,285
CHR10	7116899	CHR10:7116899	SSF x Near_LoA	-8,498	0,049	0,291
CHR10	7116905	CHR10:7116905	SSF x Near_LoA	-5,837	-0,020	0,289
CHR10	7116993	CHR10:7116993	SSF x Near_LoA	-10,180	-0,022	0,288
CHR10	7116998	CHR10:7116998	SSF x Near_LoA	-10,045	0,002	0,293
CHR10	7117051	CHR10:7117051	SSF x Near_LoA	-7,727	-0,001	0,280
CHR10	7117062	CHR10:7117062	SSF x Near_LoA	-10,116	0,062	0,304
CHR10	7123971	CHR10:7123971	SSF x Near_LoA	-4,398	-0,187	0,281
CHR10	7123980	CHR10:7123980	SSF x Near_LoA	-9,892	0,081	0,291
CHR10	7124009	CHR10:7124009	SSF x Near_LoA	-4,426	-0,176	0,277
CHR10	7124120	CHR10:7124120	SSF x Near_LoA	-6,424	0,075	0,287
CHR10	7124238	CHR10:7124238	SSF x Near_LoA	-9,384	0,015	0,276
CHR10	7154452	CHR10:7154452	SSF x Near_LoA	0,153	-0,241	0,272
CHR10	7154456	CHR10:7154456	SSF x Near_LoA	-8,075	0,118	0,259
CHR10	7154519	CHR10:7154519	SSF x Near_LoA	-9,015	0,123	0,264
CHR10	7154569	CHR10:7154569	SSF x Near_LoA	-9,165	0,092	0,301
CHR10	7161744	CHR10:7161744	SSF x Near_LoA	-6,597	-0,121	0,266
CHR10	7161753	CHR10:7161753	SSF x Near_LoA	-8,082	0,073	0,294
CHR10	7162631	CHR10:7162631	SSF x Near_LoA	-6,478	0,024	0,292
CHR10	7171669	CHR10:7171669	SSF x Near_LoA	-9,654	0,062	0,290
CHR10	7171682	CHR10:7171682	SSF x Near_LoA	-8,246	-0,029	0,295
CHR10	7171697	CHR10:7171697	SSF x Near_LoA	-6,796	0,067	0,280
CHR10	7171716	CHR10:7171716	SSF x Near_LoA	-8,116	0,034	0,273
CHR10	7174486	CHR10:7174486	SSF x Near_LoA	-6,103	-0,164	0,280
CHR10	7174489	CHR10:7174489	SSF x Near_LoA	-3,627	-0,265	0,264
CHR10	7174659	CHR10:7174659	SSF x Near_LoA	-10,605	-0,010	0,286
CHR10	7181850	CHR10:7181850	SSF x Near_LoA	-10,173	-0,046	0,277
CHR10	7181870	CHR10:7181870	SSF x Near_LoA	-9,142	0,074	0,288
CHR10	7182031	CHR10:7182031	SSF x Near_LoA	-6,900	0,076	0,267
CHR10	7182169	CHR10:7182169	SSF x Near_LoA	-9,996	-0,016	0,277
CHR10	7187339	CHR10:7187339	SSF x Near_LoA	-7,512	-0,017	0,294
CHR10	7187375	CHR10:7187375	SSF x Near_LoA	-4,885	0,050	0,289
CHR10	7201249	CHR10:7201249	SSF x Near_LoA	-8,173	0,002	0,298
CHR10	7201320	CHR10:7201320	SSF x Near_LoA	-8,103	-0,112	0,284
CHR10	7201347	CHR10:7201347	SSF x Near_LoA	-7,978	0,067	0,293
CHR10	7201364	CHR10:7201364	SSF x Near_LoA	-7,554	0,144	0,291
CHR10	7203011	CHR10:7203011	SSF x Near_LoA	-5,735	0,001	0,295
CHR10	7203030	CHR10:7203030	SSF x Near_LoA	-9,482	-0,112	0,281
CHR10	7203074	CHR10:7203074	SSF x Near_LoA	-7,845	0,094	0,282
CHR10	7203076	CHR10:7203076	SSF x Near_LoA	-8,272	0,074	0,294
CHR10	7203099	CHR10:7203099	SSF x Near_LoA	-10,176	0,051	0,289
CHR10	7203117	CHR10:7203117	SSF x Near_LoA	-7,326	-0,094	0,293
CHR10	7203143	CHR10:7203143	SSF x Near_LoA	-9,324	-0,056	0,290
CHR10	7203144	CHR10:7203144	SSF x Near_LoA	-9,086	-0,061	0,293
CHR10	7203157	CHR10:7203157	SSF x Near_LoA	-7,732	-0,030	0,285
CHR10	7203170	CHR10:7203170	SSF x Near_LoA	-9,821	-0,003	0,293
CHR10	7207740	CHR10:7207740	SSF x Near_LoA	-6,824	0,119	0,293
CHR10	7211129	CHR10:7211129	SSF x Near_LoA	-8,438	0,006	0,274
CHR10	7211191	CHR10:7211191	SSF x Near_LoA	-7,233	-0,114	0,271

CHR10	7211201	CHR10:7211201	SSF x Near_LoA	-4,053	0,126	0,262
CHR10	7211464	CHR10:7211464	SSF x Near_LoA	-6,613	-0,115	0,291
CHR10	721324	CHR10:721324	SSF x Near_LoA	-5,704	0,124	0,281
CHR10	721371	CHR10:721371	SSF x Near_LoA	-7,971	0,047	0,288
CHR10	721417	CHR10:721417	SSF x Near_LoA	-6,445	0,060	0,289
CHR10	7216905	CHR10:7216905	SSF x Near_LoA	-7,641	-0,051	0,283
CHR10	7224537	CHR10:7224537	SSF x Near_LoA	-9,853	-0,038	0,297
CHR10	7275843	CHR10:7275843	SSF x Near_LoA	-7,362	-0,005	0,298
CHR10	7280359	CHR10:7280359	SSF x Near_LoA	-7,886	-0,191	0,267
CHR10	7281853	CHR10:7281853	SSF x Near_LoA	-7,100	0,078	0,284
CHR10	7282077	CHR10:7282077	SSF x Near_LoA	-8,049	-0,073	0,294
CHR10	7282143	CHR10:7282143	SSF x Near_LoA	-6,969	-0,083	0,290
CHR10	7282183	CHR10:7282183	SSF x Near_LoA	-9,261	-0,051	0,283
CHR10	7288572	CHR10:7288572	SSF x Near_LoA	-8,473	-0,102	0,303
CHR10	7288798	CHR10:7288798	SSF x Near_LoA	-7,920	0,034	0,293
CHR10	7300051	CHR10:7300051	SSF x Near_LoA	-10,645	-0,052	0,281
CHR10	7300123	CHR10:7300123	SSF x Near_LoA	-11,160	0,041	0,275
CHR10	7300132	CHR10:7300132	SSF x Near_LoA	-8,568	0,097	0,284
CHR10	7305732	CHR10:7305732	SSF x Near_LoA	-9,745	0,035	0,292
CHR10	7305772	CHR10:7305772	SSF x Near_LoA	-10,098	0,042	0,293
CHR10	731782	CHR10:731782	SSF x Near_LoA	-6,716	-0,112	0,291
CHR10	731999	CHR10:731999	SSF x Near_LoA	-7,928	0,019	0,293
CHR10	7345728	CHR10:7345728	SSF x Near_LoA	-8,163	0,147	0,286
CHR10	7348100	CHR10:7348100	SSF x Near_LoA	-7,488	-0,043	0,293
CHR10	7369582	CHR10:7369582	SSF x Near_LoA	-8,340	0,002	0,290
CHR10	7369780	CHR10:7369780	SSF x Near_LoA	-7,057	-0,085	0,300
CHR10	737118	CHR10:737118	SSF x Near_LoA	-7,476	-0,090	0,285
CHR10	737128	CHR10:737128	SSF x Near_LoA	-8,182	-0,115	0,293
CHR10	737267	CHR10:737267	SSF x Near_LoA	-7,033	0,031	0,284
CHR10	7373528	CHR10:7373528	SSF x Near_LoA	-10,164	0,038	0,290
CHR10	7373536	CHR10:7373536	SSF x Near_LoA	-7,292	0,023	0,290
CHR10	7373558	CHR10:7373558	SSF x Near_LoA	-8,968	0,022	0,284
CHR10	7373636	CHR10:7373636	SSF x Near_LoA	-8,765	-0,036	0,292
CHR10	7373644	CHR10:7373644	SSF x Near_LoA	-7,974	0,030	0,285
CHR10	7376569	CHR10:7376569	SSF x Near_LoA	-10,090	-0,072	0,276
CHR10	7379260	CHR10:7379260	SSF x Near_LoA	-7,467	-0,061	0,276
CHR10	7379509	CHR10:7379509	SSF x Near_LoA	-8,275	-0,067	0,293
CHR10	7391198	CHR10:7391198	SSF x Near_LoA	-8,671	-0,132	0,273
CHR10	7391310	CHR10:7391310	SSF x Near_LoA	-5,525	-0,108	0,285
CHR10	7391539	CHR10:7391539	SSF x Near_LoA	-6,694	-0,217	0,269
CHR10	7397325	CHR10:7397325	SSF x Near_LoA	-5,493	0,026	0,300
CHR10	7397461	CHR10:7397461	SSF x Near_LoA	-6,145	0,106	0,276
CHR10	7397581	CHR10:7397581	SSF x Near_LoA	-9,304	-0,090	0,297
CHR10	7397588	CHR10:7397588	SSF x Near_LoA	-8,967	-0,012	0,294
CHR10	7397597	CHR10:7397597	SSF x Near_LoA	-7,865	-0,046	0,293
CHR10	7397662	CHR10:7397662	SSF x Near_LoA	-9,863	-0,008	0,268
CHR10	7397671	CHR10:7397671	SSF x Near_LoA	-1,463	0,021	0,285
CHR10	7397705	CHR10:7397705	SSF x Near_LoA	-7,534	-0,024	0,299
CHR10	7415009	CHR10:7415009	SSF x Near_LoA	-9,473	0,107	0,274
CHR10	7415040	CHR10:7415040	SSF x Near_LoA	-9,456	-0,018	0,283
CHR10	7415195	CHR10:7415195	SSF x Near_LoA	-7,448	-0,006	0,281
CHR10	7415265	CHR10:7415265	SSF x Near_LoA	-5,086	0,225	0,283
CHR10	7420169	CHR10:7420169	SSF x Near_LoA	-9,798	0,051	0,286

CHR10	7420218	CHR10:7420218	SSF x Near_LoA	-8,224	-0,141	0,285
CHR10	7420230	CHR10:7420230	SSF x Near_LoA	-10,034	-0,069	0,286
CHR10	7420231	CHR10:7420231	SSF x Near_LoA	-8,347	-0,069	0,291
CHR10	7420319	CHR10:7420319	SSF x Near_LoA	-7,765	-0,064	0,274
CHR10	7434796	CHR10:7434796	SSF x Near_LoA	-8,349	-0,030	0,293
CHR10	7434974	CHR10:7434974	SSF x Near_LoA	-9,742	-0,032	0,303
CHR10	7435075	CHR10:7435075	SSF x Near_LoA	-8,494	0,003	0,292
CHR10	7461702	CHR10:7461702	SSF x Near_LoA	-5,672	-0,079	0,292
CHR10	7461897	CHR10:7461897	SSF x Near_LoA	-6,978	-0,122	0,269
CHR10	7480671	CHR10:7480671	SSF x Near_LoA	-6,788	-0,195	0,285
CHR10	7480707	CHR10:7480707	SSF x Near_LoA	-3,057	0,025	0,293
CHR10	7480717	CHR10:7480717	SSF x Near_LoA	-7,725	0,086	0,275
CHR10	7480725	CHR10:7480725	SSF x Near_LoA	-3,505	-0,079	0,275
CHR10	7480735	CHR10:7480735	SSF x Near_LoA	-4,825	-0,055	0,272
CHR10	7480744	CHR10:7480744	SSF x Near_LoA	-6,245	-0,062	0,269
CHR10	7480751	CHR10:7480751	SSF x Near_LoA	-7,981	-0,059	0,283
CHR10	7480807	CHR10:7480807	SSF x Near_LoA	-8,547	0,181	0,260
CHR10	7480813	CHR10:7480813	SSF x Near_LoA	-5,759	0,105	0,278
CHR10	7480873	CHR10:7480873	SSF x Near_LoA	-8,805	-0,062	0,273
CHR10	7480884	CHR10:7480884	SSF x Near_LoA	-6,239	0,020	0,292
CHR10	7480995	CHR10:7480995	SSF x Near_LoA	-7,159	0,036	0,292
CHR10	7488484	CHR10:7488484	SSF x Near_LoA	-5,791	-0,033	0,302
CHR10	7488823	CHR10:7488823	SSF x Near_LoA	-10,008	-0,067	0,288
CHR10	7488824	CHR10:7488824	SSF x Near_LoA	-3,086	-0,187	0,290
CHR10	7488905	CHR10:7488905	SSF x Near_LoA	-7,803	-0,019	0,301
CHR10	752634	CHR10:752634	SSF x Near_LoA	-7,960	0,052	0,298
CHR10	752655	CHR10:752655	SSF x Near_LoA	-7,795	0,028	0,285
CHR10	752669	CHR10:752669	SSF x Near_LoA	-8,246	-0,046	0,291
CHR10	752738	CHR10:752738	SSF x Near_LoA	-8,598	-0,016	0,291
CHR10	752782	CHR10:752782	SSF x Near_LoA	-9,634	-0,077	0,292
CHR10	7536173	CHR10:7536173	SSF x Near_LoA	-7,748	-0,126	0,284
CHR10	7553815	CHR10:7553815	SSF x Near_LoA	-2,884	0,087	0,292
CHR10	7553863	CHR10:7553863	SSF x Near_LoA	-2,148	-0,193	0,273
CHR10	7554988	CHR10:7554988	SSF x Near_LoA	-4,132	-0,025	0,289
CHR10	7555046	CHR10:7555046	SSF x Near_LoA	-6,413	-0,175	0,270
CHR10	7557195	CHR10:7557195	SSF x Near_LoA	-8,635	-0,022	0,293
CHR10	7557202	CHR10:7557202	SSF x Near_LoA	-6,163	-0,134	0,280
CHR10	7557259	CHR10:7557259	SSF x Near_LoA	-8,469	0,139	0,287
CHR10	7557267	CHR10:7557267	SSF x Near_LoA	-9,997	0,026	0,292
CHR10	7557272	CHR10:7557272	SSF x Near_LoA	-7,044	-0,111	0,289
CHR10	7557273	CHR10:7557273	SSF x Near_LoA	-11,041	-0,017	0,280
CHR10	7557300	CHR10:7557300	SSF x Near_LoA	-8,590	0,038	0,288
CHR10	7570587	CHR10:7570587	SSF x Near_LoA	-6,723	-0,142	0,285
CHR10	7570599	CHR10:7570599	SSF x Near_LoA	-8,289	-0,035	0,298
CHR10	7570754	CHR10:7570754	SSF x Near_LoA	-7,574	-0,108	0,285
CHR10	7570779	CHR10:7570779	SSF x Near_LoA	-4,551	-0,076	0,290
CHR10	7591488	CHR10:7591488	SSF x Near_LoA	-10,220	-0,008	0,279
CHR10	7591766	CHR10:7591766	SSF x Near_LoA	-7,853	-0,048	0,282
CHR10	7620967	CHR10:7620967	SSF x Near_LoA	-9,694	0,001	0,276
CHR10	7621161	CHR10:7621161	SSF x Near_LoA	-8,956	-0,059	0,290
CHR10	7631738	CHR10:7631738	SSF x Near_LoA	-8,945	-0,123	0,289
CHR10	7631780	CHR10:7631780	SSF x Near_LoA	-9,972	-0,090	0,288
CHR10	7631912	CHR10:7631912	SSF x Near_LoA	-6,630	-0,107	0,280

CHR10	7650746	CHR10:7650746	SSF x Near_LoA	-7,575	-0,023	0,296
CHR10	7650863	CHR10:7650863	SSF x Near_LoA	-8,119	-0,025	0,267
CHR10	7653014	CHR10:7653014	SSF x Near_LoA	4,035	0,167	0,279
CHR10	7653030	CHR10:7653030	SSF x Near_LoA	-5,317	0,196	0,263
CHR10	7653048	CHR10:7653048	SSF x Near_LoA	-8,063	0,030	0,296
CHR10	7653209	CHR10:7653209	SSF x Near_LoA	-11,080	-0,010	0,295
CHR10	7653226	CHR10:7653226	SSF x Near_LoA	-9,658	-0,019	0,280
CHR10	7653324	CHR10:7653324	SSF x Near_LoA	-4,689	0,062	0,302
CHR10	7653328	CHR10:7653328	SSF x Near_LoA	-7,533	-0,078	0,294
CHR10	7653333	CHR10:7653333	SSF x Near_LoA	-8,779	-0,029	0,283
CHR10	7657653	CHR10:7657653	SSF x Near_LoA	-7,172	0,166	0,272
CHR10	7657749	CHR10:7657749	SSF x Near_LoA	-9,548	0,003	0,286
CHR10	7657751	CHR10:7657751	SSF x Near_LoA	-9,453	-0,052	0,270
CHR10	7657826	CHR10:7657826	SSF x Near_LoA	3,375	-0,188	0,288
CHR10	7669426	CHR10:7669426	SSF x Near_LoA	-7,845	0,027	0,292
CHR10	7669776	CHR10:7669776	SSF x Near_LoA	-7,701	0,086	0,299
CHR10	7671539	CHR10:7671539	SSF x Near_LoA	-6,109	0,120	0,283
CHR10	7675186	CHR10:7675186	SSF x Near_LoA	-10,372	-0,017	0,294
CHR10	767545	CHR10:767545	SSF x Near_LoA	-6,851	0,158	0,269
CHR10	7676952	CHR10:7676952	SSF x Near_LoA	-7,046	-0,065	0,295
CHR10	7686591	CHR10:7686591	SSF x Near_LoA	-7,643	0,091	0,296
CHR10	769063	CHR10:769063	SSF x Near_LoA	-7,162	-0,041	0,300
CHR10	7701392	CHR10:7701392	SSF x Near_LoA	-8,218	-0,141	0,272
CHR10	7702321	CHR10:7702321	SSF x Near_LoA	-9,782	-0,022	0,272
CHR10	7703087	CHR10:7703087	SSF x Near_LoA	-3,154	-0,265	0,259
CHR10	7703152	CHR10:7703152	SSF x Near_LoA	-8,344	0,028	0,282
CHR10	7703161	CHR10:7703161	SSF x Near_LoA	-7,321	0,165	0,280
CHR10	7703286	CHR10:7703286	SSF x Near_LoA	-7,501	-0,071	0,296
CHR10	7703990	CHR10:7703990	SSF x Near_LoA	-7,808	-0,175	0,280
CHR10	7708282	CHR10:7708282	SSF x Near_LoA	-7,679	0,109	0,290
CHR10	7713094	CHR10:7713094	SSF x Near_LoA	-2,535	-0,271	0,259
CHR10	7713222	CHR10:7713222	SSF x Near_LoA	-7,440	0,015	0,288
CHR10	7773810	CHR10:7773810	SSF x Near_LoA	-8,035	-0,075	0,293
CHR10	7773848	CHR10:7773848	SSF x Near_LoA	-7,920	-0,061	0,285
CHR10	7773859	CHR10:7773859	SSF x Near_LoA	-8,352	-0,065	0,280
CHR10	7773943	CHR10:7773943	SSF x Near_LoA	-6,419	0,116	0,276
CHR10	779849	CHR10:779849	SSF x Near_LoA	-7,778	-0,030	0,281
CHR10	779850	CHR10:779850	SSF x Near_LoA	-7,526	0,093	0,293
CHR10	7807842	CHR10:7807842	SSF x Near_LoA	-10,352	-0,038	0,286
CHR10	7808096	CHR10:7808096	SSF x Near_LoA	-6,168	0,197	0,280
CHR10	7808098	CHR10:7808098	SSF x Near_LoA	-8,406	-0,001	0,273
CHR10	7820208	CHR10:7820208	SSF x Near_LoA	-9,330	0,063	0,284
CHR10	7820314	CHR10:7820314	SSF x Near_LoA	-9,541	0,040	0,296
CHR10	7825479	CHR10:7825479	SSF x Near_LoA	-9,293	0,010	0,285
CHR10	7826426	CHR10:7826426	SSF x Near_LoA	-8,312	-0,077	0,288
CHR10	7826439	CHR10:7826439	SSF x Near_LoA	-8,865	0,037	0,296
CHR10	7842638	CHR10:7842638	SSF x Near_LoA	-8,741	-0,060	0,286
CHR10	7842674	CHR10:7842674	SSF x Near_LoA	-8,934	-0,082	0,292
CHR10	7842692	CHR10:7842692	SSF x Near_LoA	-8,937	-0,001	0,287
CHR10	7859885	CHR10:7859885	SSF x Near_LoA	-9,121	0,035	0,298
CHR10	7860600	CHR10:7860600	SSF x Near_LoA	-10,746	0,007	0,290
CHR10	7860719	CHR10:7860719	SSF x Near_LoA	-10,755	0,104	0,287
CHR10	7861780	CHR10:7861780	SSF x Near_LoA	-6,189	0,081	0,284

CHR10	7861863	CHR10:7861863	SSF x Near_LoA	-8,408	0,049	0,300
CHR10	7861880	CHR10:7861880	SSF x Near_LoA	-7,668	0,077	0,297
CHR10	7870356	CHR10:7870356	SSF x Near_LoA	-10,665	0,120	0,271
CHR10	7870411	CHR10:7870411	SSF x Near_LoA	7,950	-0,243	0,266
CHR10	7870445	CHR10:7870445	SSF x Near_LoA	-5,840	-0,171	0,293
CHR10	7870658	CHR10:7870658	SSF x Near_LoA	-4,435	-0,145	0,287
CHR10	7879391	CHR10:7879391	SSF x Near_LoA	-6,428	0,091	0,294
CHR10	7879428	CHR10:7879428	SSF x Near_LoA	-8,150	-0,002	0,291
CHR10	7880089	CHR10:7880089	SSF x Near_LoA	-10,740	0,010	0,290
CHR10	7880096	CHR10:7880096	SSF x Near_LoA	-6,489	0,088	0,300
CHR10	788806	CHR10:788806	SSF x Near_LoA	-6,083	-0,117	0,279
CHR10	7892219	CHR10:7892219	SSF x Near_LoA	-7,696	-0,051	0,281
CHR10	7906074	CHR10:7906074	SSF x Near_LoA	-6,021	0,133	0,284
CHR10	7906137	CHR10:7906137	SSF x Near_LoA	-8,369	-0,053	0,275
CHR10	7906202	CHR10:7906202	SSF x Near_LoA	-1,995	-0,155	0,292
CHR10	7923290	CHR10:7923290	SSF x Near_LoA	-4,954	0,021	0,278
CHR10	7923323	CHR10:7923323	SSF x Near_LoA	-8,890	-0,001	0,286
CHR10	7923362	CHR10:7923362	SSF x Near_LoA	-9,095	0,048	0,288
CHR10	7926713	CHR10:7926713	SSF x Near_LoA	-3,112	-0,105	0,292
CHR10	7926758	CHR10:7926758	SSF x Near_LoA	-4,527	-0,183	0,280
CHR10	7926772	CHR10:7926772	SSF x Near_LoA	-7,431	-0,077	0,289
CHR10	7929395	CHR10:7929395	SSF x Near_LoA	-7,723	-0,165	0,280
CHR10	7930926	CHR10:7930926	SSF x Near_LoA	-7,180	-0,140	0,289
CHR10	7930964	CHR10:7930964	SSF x Near_LoA	-6,906	-0,027	0,292
CHR10	7938193	CHR10:7938193	SSF x Near_LoA	-8,717	0,005	0,287
CHR10	7938237	CHR10:7938237	SSF x Near_LoA	0,883	-0,287	0,248
CHR10	7942175	CHR10:7942175	SSF x Near_LoA	-7,609	0,122	0,284
CHR10	7942239	CHR10:7942239	SSF x Near_LoA	-11,004	0,103	0,268
CHR10	7949449	CHR10:7949449	SSF x Near_LoA	-9,840	0,004	0,287
CHR10	7949454	CHR10:7949454	SSF x Near_LoA	-9,144	-0,015	0,293
CHR10	7949457	CHR10:7949457	SSF x Near_LoA	-7,920	0,004	0,282
CHR10	7949467	CHR10:7949467	SSF x Near_LoA	-9,700	-0,050	0,296
CHR10	7949571	CHR10:7949571	SSF x Near_LoA	-7,230	0,088	0,294
CHR10	7949707	CHR10:7949707	SSF x Near_LoA	-3,470	0,109	0,284
CHR10	7949711	CHR10:7949711	SSF x Near_LoA	-7,156	0,043	0,286
CHR10	7949746	CHR10:7949746	SSF x Near_LoA	-8,260	0,071	0,275
CHR10	7951769	CHR10:7951769	SSF x Near_LoA	-8,642	-0,045	0,294
CHR10	7951789	CHR10:7951789	SSF x Near_LoA	-9,669	-0,052	0,289
CHR10	7951807	CHR10:7951807	SSF x Near_LoA	-7,070	-0,053	0,281
CHR10	7951892	CHR10:7951892	SSF x Near_LoA	-7,697	0,093	0,287
CHR10	7951977	CHR10:7951977	SSF x Near_LoA	-8,555	-0,031	0,276
CHR10	7951981	CHR10:7951981	SSF x Near_LoA	-8,191	-0,048	0,280
CHR10	7952001	CHR10:7952001	SSF x Near_LoA	-5,613	-0,056	0,294
CHR10	7954349	CHR10:7954349	SSF x Near_LoA	-8,655	-0,046	0,303
CHR10	7957097	CHR10:7957097	SSF x Near_LoA	-5,243	0,161	0,281
CHR10	7957216	CHR10:7957216	SSF x Near_LoA	-5,355	0,204	0,273
CHR10	7957380	CHR10:7957380	SSF x Near_LoA	-7,383	-0,139	0,283
CHR10	7957395	CHR10:7957395	SSF x Near_LoA	-10,637	0,058	0,286
CHR10	7969985	CHR10:7969985	SSF x Near_LoA	-8,325	-0,006	0,282
CHR10	7970017	CHR10:7970017	SSF x Near_LoA	-9,746	-0,061	0,281
CHR10	7970050	CHR10:7970050	SSF x Near_LoA	-9,595	-0,010	0,290
CHR10	7970102	CHR10:7970102	SSF x Near_LoA	-9,324	0,029	0,306
CHR10	7970131	CHR10:7970131	SSF x Near_LoA	-5,541	-0,183	0,268

CHR10	7970187	CHR10:7970187	SSF x Near_LoA	-8,769	-0,071	0,285
CHR10	7981419	CHR10:7981419	SSF x Near_LoA	-7,492	-0,039	0,277
CHR10	7981674	CHR10:7981674	SSF x Near_LoA	-6,443	0,212	0,263
CHR10	7981686	CHR10:7981686	SSF x Near_LoA	-4,279	0,107	0,288
CHR10	7981727	CHR10:7981727	SSF x Near_LoA	-8,475	0,026	0,286
CHR10	7998100	CHR10:7998100	SSF x Near_LoA	-7,374	-0,002	0,283
CHR10	7998115	CHR10:7998115	SSF x Near_LoA	-9,522	-0,102	0,274
CHR10	7998183	CHR10:7998183	SSF x Near_LoA	-9,098	-0,049	0,298
CHR10	7998205	CHR10:7998205	SSF x Near_LoA	-5,664	-0,177	0,283
CHR10	8000351	CHR10:8000351	SSF x Near_LoA	-7,867	-0,062	0,284
CHR10	8000426	CHR10:8000426	SSF x Near_LoA	-8,544	0,146	0,265
CHR10	8000515	CHR10:8000515	SSF x Near_LoA	-7,124	0,082	0,295
CHR10	8050066	CHR10:8050066	SSF x Near_LoA	-8,823	-0,026	0,277
CHR10	8075134	CHR10:8075134	SSF x Near_LoA	-6,362	-0,032	0,288
CHR10	8075179	CHR10:8075179	SSF x Near_LoA	-4,093	0,150	0,284
CHR10	8075292	CHR10:8075292	SSF x Near_LoA	-8,955	0,107	0,284
CHR10	8075308	CHR10:8075308	SSF x Near_LoA	-7,727	-0,015	0,292
CHR10	8075340	CHR10:8075340	SSF x Near_LoA	-9,728	-0,048	0,286
CHR10	8075345	CHR10:8075345	SSF x Near_LoA	-8,194	-0,004	0,281
CHR10	8075350	CHR10:8075350	SSF x Near_LoA	-8,175	-0,020	0,264
CHR10	8075356	CHR10:8075356	SSF x Near_LoA	-8,941	-0,003	0,286
CHR10	8084797	CHR10:8084797	SSF x Near_LoA	-8,004	0,047	0,281
CHR10	8088323	CHR10:8088323	SSF x Near_LoA	-3,053	-0,108	0,288
CHR10	8088324	CHR10:8088324	SSF x Near_LoA	-7,344	-0,097	0,308
CHR10	8088330	CHR10:8088330	SSF x Near_LoA	-6,639	-0,023	0,289
CHR10	8088387	CHR10:8088387	SSF x Near_LoA	-7,004	-0,003	0,282
CHR10	8088426	CHR10:8088426	SSF x Near_LoA	-7,980	0,035	0,286
CHR10	8088435	CHR10:8088435	SSF x Near_LoA	-8,065	0,024	0,283
CHR10	8088439	CHR10:8088439	SSF x Near_LoA	-7,893	0,098	0,285
CHR10	809383	CHR10:809383	SSF x Near_LoA	-8,902	-0,044	0,285
CHR10	809528	CHR10:809528	SSF x Near_LoA	-1,135	-0,023	0,289
CHR10	8097795	CHR10:8097795	SSF x Near_LoA	-6,930	0,043	0,301
CHR10	8099340	CHR10:8099340	SSF x Near_LoA	-7,232	-0,151	0,281
CHR10	8099462	CHR10:8099462	SSF x Near_LoA	-10,104	0,020	0,286
CHR10	8102779	CHR10:8102779	SSF x Near_LoA	-3,591	0,034	0,309
CHR10	8127360	CHR10:8127360	SSF x Near_LoA	-10,373	0,040	0,288
CHR10	8127484	CHR10:8127484	SSF x Near_LoA	-8,944	-0,095	0,296
CHR10	8127588	CHR10:8127588	SSF x Near_LoA	-6,360	0,108	0,288
CHR10	8139719	CHR10:8139719	SSF x Near_LoA	-6,823	0,066	0,295
CHR10	8139820	CHR10:8139820	SSF x Near_LoA	-8,994	-0,033	0,296
CHR10	8140025	CHR10:8140025	SSF x Near_LoA	-8,053	0,014	0,298
CHR10	8142958	CHR10:8142958	SSF x Near_LoA	-7,250	0,016	0,291
CHR10	8142968	CHR10:8142968	SSF x Near_LoA	-6,927	-0,028	0,296
CHR10	8142976	CHR10:8142976	SSF x Near_LoA	-8,824	0,007	0,282
CHR10	8144906	CHR10:8144906	SSF x Near_LoA	-6,270	0,047	0,291
CHR10	8144911	CHR10:8144911	SSF x Near_LoA	-10,283	0,151	0,277
CHR10	8145065	CHR10:8145065	SSF x Near_LoA	-7,396	-0,098	0,279
CHR10	8150572	CHR10:8150572	SSF x Near_LoA	-10,692	-0,093	0,288
CHR10	8150612	CHR10:8150612	SSF x Near_LoA	-9,266	0,137	0,274
CHR10	8150886	CHR10:8150886	SSF x Near_LoA	-8,442	0,131	0,285
CHR10	8150895	CHR10:8150895	SSF x Near_LoA	-7,904	-0,088	0,290
CHR10	8173156	CHR10:8173156	SSF x Near_LoA	-7,317	0,011	0,294
CHR10	8173181	CHR10:8173181	SSF x Near_LoA	-6,998	-0,017	0,306

CHR10	8173190	CHR10:8173190	SSF x Near_LoA	-9,967	0,035	0,302
CHR10	8173225	CHR10:8173225	SSF x Near_LoA	-8,779	0,049	0,279
CHR10	8173301	CHR10:8173301	SSF x Near_LoA	-9,435	-0,016	0,294
CHR10	8173302	CHR10:8173302	SSF x Near_LoA	-10,574	0,012	0,279
CHR10	8178530	CHR10:8178530	SSF x Near_LoA	-4,098	0,042	0,292
CHR10	8197104	CHR10:8197104	SSF x Near_LoA	-9,294	-0,123	0,277
CHR10	8197115	CHR10:8197115	SSF x Near_LoA	-7,428	0,108	0,272
CHR10	8197130	CHR10:8197130	SSF x Near_LoA	-6,862	0,107	0,286
CHR10	8202957	CHR10:8202957	SSF x Near_LoA	-8,139	-0,049	0,295
CHR10	8202968	CHR10:8202968	SSF x Near_LoA	-4,919	0,192	0,272
CHR10	8213504	CHR10:8213504	SSF x Near_LoA	-10,036	-0,042	0,291
CHR10	8213560	CHR10:8213560	SSF x Near_LoA	-9,916	-0,020	0,289
CHR10	8213680	CHR10:8213680	SSF x Near_LoA	-7,108	0,077	0,289
CHR10	8213702	CHR10:8213702	SSF x Near_LoA	-6,844	-0,080	0,287
CHR10	8221384	CHR10:8221384	SSF x Near_LoA	-9,093	-0,022	0,284
CHR10	8222981	CHR10:8222981	SSF x Near_LoA	-3,541	0,231	0,294
CHR10	8233874	CHR10:8233874	SSF x Near_LoA	-8,283	-0,050	0,302
CHR10	8233881	CHR10:8233881	SSF x Near_LoA	-8,241	-0,031	0,293
CHR10	8233885	CHR10:8233885	SSF x Near_LoA	-8,452	0,022	0,300
CHR10	8233891	CHR10:8233891	SSF x Near_LoA	-7,714	0,047	0,297
CHR10	8234266	CHR10:8234266	SSF x Near_LoA	-8,204	-0,060	0,286
CHR10	8246385	CHR10:8246385	SSF x Near_LoA	-10,580	-0,030	0,283
CHR10	8246394	CHR10:8246394	SSF x Near_LoA	-6,995	-0,038	0,308
CHR10	8246416	CHR10:8246416	SSF x Near_LoA	-6,434	-0,030	0,288
CHR10	8246615	CHR10:8246615	SSF x Near_LoA	-8,665	0,027	0,274
CHR10	8246689	CHR10:8246689	SSF x Near_LoA	-0,540	0,150	0,285
CHR10	826268	CHR10:826268	SSF x Near_LoA	-7,169	-0,031	0,295
CHR10	826296	CHR10:826296	SSF x Near_LoA	-7,908	-0,058	0,278
CHR10	826354	CHR10:826354	SSF x Near_LoA	-7,470	0,058	0,276
CHR10	826432	CHR10:826432	SSF x Near_LoA	-7,861	-0,068	0,279
CHR10	826480	CHR10:826480	SSF x Near_LoA	-8,291	-0,004	0,277
CHR10	8266073	CHR10:8266073	SSF x Near_LoA	-8,274	-0,031	0,300
CHR10	8266106	CHR10:8266106	SSF x Near_LoA	-9,104	-0,060	0,295
CHR10	8266149	CHR10:8266149	SSF x Near_LoA	-7,749	0,097	0,274
CHR10	8285934	CHR10:8285934	SSF x Near_LoA	-10,970	-0,029	0,292
CHR10	8289789	CHR10:8289789	SSF x Near_LoA	-7,895	0,017	0,270
CHR10	8289960	CHR10:8289960	SSF x Near_LoA	-10,567	0,040	0,279
CHR10	8291034	CHR10:8291034	SSF x Near_LoA	-8,471	-0,064	0,284
CHR10	8291076	CHR10:8291076	SSF x Near_LoA	-8,439	0,131	0,276
CHR10	8291150	CHR10:8291150	SSF x Near_LoA	-7,393	-0,077	0,272
CHR10	8310194	CHR10:8310194	SSF x Near_LoA	-8,941	0,068	0,287
CHR10	8310209	CHR10:8310209	SSF x Near_LoA	-8,519	0,052	0,296
CHR10	8310325	CHR10:8310325	SSF x Near_LoA	-8,282	0,004	0,294
CHR10	8319199	CHR10:8319199	SSF x Near_LoA	4,568	-0,305	0,266
CHR10	8319214	CHR10:8319214	SSF x Near_LoA	-10,064	-0,025	0,286
CHR10	8319270	CHR10:8319270	SSF x Near_LoA	-4,672	-0,274	0,266
CHR10	8319293	CHR10:8319293	SSF x Near_LoA	-6,394	-0,091	0,302
CHR10	8319297	CHR10:8319297	SSF x Near_LoA	-7,062	0,093	0,301
CHR10	8319298	CHR10:8319298	SSF x Near_LoA	-7,401	0,143	0,288
CHR10	8319333	CHR10:8319333	SSF x Near_LoA	-7,041	-0,083	0,285
CHR10	8352593	CHR10:8352593	SSF x Near_LoA	-8,898	0,194	0,264
CHR10	8353805	CHR10:8353805	SSF x Near_LoA	-7,883	0,169	0,270
CHR10	8353831	CHR10:8353831	SSF x Near_LoA	-5,759	0,135	0,278

CHR10	8353914	CHR10:8353914	SSF x Near_LoA	-8,993	0,072	0,273
CHR10	8356574	CHR10:8356574	SSF x Near_LoA	-5,651	0,202	0,280
CHR10	8356651	CHR10:8356651	SSF x Near_LoA	-1,668	-0,149	0,286
CHR10	8369743	CHR10:8369743	SSF x Near_LoA	-7,047	-0,120	0,276
CHR10	8369801	CHR10:8369801	SSF x Near_LoA	-7,434	-0,006	0,295
CHR10	8369809	CHR10:8369809	SSF x Near_LoA	-7,388	0,063	0,300
CHR10	8369816	CHR10:8369816	SSF x Near_LoA	-5,847	-0,060	0,286
CHR10	8369817	CHR10:8369817	SSF x Near_LoA	-7,849	0,000	0,290
CHR10	8369831	CHR10:8369831	SSF x Near_LoA	-7,491	-0,068	0,286
CHR10	8369844	CHR10:8369844	SSF x Near_LoA	-7,107	0,032	0,302
CHR10	8369892	CHR10:8369892	SSF x Near_LoA	-7,926	0,106	0,284
CHR10	8378218	CHR10:8378218	SSF x Near_LoA	-10,326	-0,086	0,275
CHR10	8380296	CHR10:8380296	SSF x Near_LoA	-8,830	0,110	0,264
CHR10	8380374	CHR10:8380374	SSF x Near_LoA	-8,655	-0,041	0,276
CHR10	8386616	CHR10:8386616	SSF x Near_LoA	-8,798	-0,035	0,293
CHR10	8386871	CHR10:8386871	SSF x Near_LoA	-8,755	0,102	0,278
CHR10	8386974	CHR10:8386974	SSF x Near_LoA	-9,430	0,018	0,296
CHR10	8387001	CHR10:8387001	SSF x Near_LoA	-9,460	-0,013	0,286
CHR10	8398482	CHR10:8398482	SSF x Near_LoA	-8,540	-0,010	0,275
CHR10	8398773	CHR10:8398773	SSF x Near_LoA	-8,834	-0,119	0,287
CHR10	840707	CHR10:840707	SSF x Near_LoA	-9,254	-0,083	0,285
CHR10	8413630	CHR10:8413630	SSF x Near_LoA	-6,294	-0,055	0,293
CHR10	8413663	CHR10:8413663	SSF x Near_LoA	-8,716	-0,075	0,282
CHR10	8413991	CHR10:8413991	SSF x Near_LoA	-8,168	-0,035	0,263
CHR10	8419734	CHR10:8419734	SSF x Near_LoA	-8,395	-0,010	0,286
CHR10	8419749	CHR10:8419749	SSF x Near_LoA	-9,183	-0,061	0,292
CHR10	8419770	CHR10:8419770	SSF x Near_LoA	-7,246	-0,017	0,285
CHR10	8419775	CHR10:8419775	SSF x Near_LoA	-7,187	-0,051	0,276
CHR10	8419903	CHR10:8419903	SSF x Near_LoA	-8,842	0,008	0,289
CHR10	8421608	CHR10:8421608	SSF x Near_LoA	-9,527	-0,053	0,283
CHR10	8424255	CHR10:8424255	SSF x Near_LoA	-6,318	-0,002	0,276
CHR10	8441366	CHR10:8441366	SSF x Near_LoA	4,105	0,257	0,279
CHR10	8441431	CHR10:8441431	SSF x Near_LoA	-4,389	-0,208	0,278
CHR10	8441453	CHR10:8441453	SSF x Near_LoA	-6,941	-0,140	0,281
CHR10	8441457	CHR10:8441457	SSF x Near_LoA	-5,689	-0,180	0,263
CHR10	8441460	CHR10:8441460	SSF x Near_LoA	-5,267	-0,181	0,269
CHR10	8441474	CHR10:8441474	SSF x Near_LoA	-5,946	0,152	0,286
CHR10	8441496	CHR10:8441496	SSF x Near_LoA	-4,954	-0,154	0,288
CHR10	8441518	CHR10:8441518	SSF x Near_LoA	-4,519	-0,216	0,279
CHR10	8441572	CHR10:8441572	SSF x Near_LoA	-6,493	-0,009	0,284
CHR10	8477770	CHR10:8477770	SSF x Near_LoA	-5,629	-0,171	0,288
CHR10	8477847	CHR10:8477847	SSF x Near_LoA	-8,679	-0,059	0,295
CHR10	8477863	CHR10:8477863	SSF x Near_LoA	-10,070	-0,074	0,291
CHR10	8477901	CHR10:8477901	SSF x Near_LoA	-7,628	-0,104	0,281
CHR10	8482383	CHR10:8482383	SSF x Near_LoA	-6,821	0,137	0,282
CHR10	8483114	CHR10:8483114	SSF x Near_LoA	-9,478	0,042	0,293
CHR10	8483121	CHR10:8483121	SSF x Near_LoA	-5,290	-0,091	0,288
CHR10	8504603	CHR10:8504603	SSF x Near_LoA	-7,585	0,109	0,283
CHR10	8504636	CHR10:8504636	SSF x Near_LoA	-5,471	-0,125	0,290
CHR10	8504641	CHR10:8504641	SSF x Near_LoA	-6,309	-0,039	0,283
CHR10	8504644	CHR10:8504644	SSF x Near_LoA	-8,785	-0,050	0,278
CHR10	8508589	CHR10:8508589	SSF x Near_LoA	-7,481	-0,102	0,257
CHR10	8508630	CHR10:8508630	SSF x Near_LoA	-4,899	0,163	0,279

CHR10	8508646	CHR10:8508646	SSF x Near_LoA	-4,597	0,187	0,274
CHR10	8508690	CHR10:8508690	SSF x Near_LoA	-1,950	-0,243	0,263
CHR10	8508701	CHR10:8508701	SSF x Near_LoA	-5,248	-0,212	0,260
CHR10	8508706	CHR10:8508706	SSF x Near_LoA	-3,250	-0,034	0,274
CHR10	8508799	CHR10:8508799	SSF x Near_LoA	-3,122	-0,232	0,277
CHR10	8508847	CHR10:8508847	SSF x Near_LoA	-10,224	0,040	0,295
CHR10	8518079	CHR10:8518079	SSF x Near_LoA	-8,332	-0,064	0,278
CHR10	8518132	CHR10:8518132	SSF x Near_LoA	-7,078	-0,108	0,279
CHR10	8518162	CHR10:8518162	SSF x Near_LoA	-9,354	-0,116	0,275
CHR10	8519883	CHR10:8519883	SSF x Near_LoA	-8,539	-0,045	0,286
CHR10	8519915	CHR10:8519915	SSF x Near_LoA	-8,759	0,049	0,280
CHR10	8519917	CHR10:8519917	SSF x Near_LoA	-9,602	-0,003	0,280
CHR10	8519949	CHR10:8519949	SSF x Near_LoA	-8,515	0,107	0,273
CHR10	8519988	CHR10:8519988	SSF x Near_LoA	-8,012	0,126	0,289
CHR10	8520030	CHR10:8520030	SSF x Near_LoA	-8,602	0,040	0,288
CHR10	8520031	CHR10:8520031	SSF x Near_LoA	-9,138	-0,099	0,283
CHR10	8520059	CHR10:8520059	SSF x Near_LoA	-10,651	-0,063	0,280
CHR10	8520077	CHR10:8520077	SSF x Near_LoA	-8,786	-0,106	0,279
CHR10	8521814	CHR10:8521814	SSF x Near_LoA	-7,918	-0,131	0,271
CHR10	8521959	CHR10:8521959	SSF x Near_LoA	-9,141	-0,049	0,281
CHR10	8521972	CHR10:8521972	SSF x Near_LoA	-1,533	0,063	0,294
CHR10	8522040	CHR10:8522040	SSF x Near_LoA	-8,422	-0,100	0,281
CHR10	8546823	CHR10:8546823	SSF x Near_LoA	-9,186	-0,014	0,284
CHR10	8546874	CHR10:8546874	SSF x Near_LoA	-7,548	0,088	0,273
CHR10	8546957	CHR10:8546957	SSF x Near_LoA	-6,427	-0,070	0,266
CHR10	8547168	CHR10:8547168	SSF x Near_LoA	-10,055	-0,096	0,286
CHR10	8589890	CHR10:8589890	SSF x Near_LoA	-8,723	-0,028	0,298
CHR10	8589895	CHR10:8589895	SSF x Near_LoA	-8,305	-0,066	0,296
CHR10	8589910	CHR10:8589910	SSF x Near_LoA	-8,397	-0,018	0,288
CHR10	8589925	CHR10:8589925	SSF x Near_LoA	-7,428	-0,123	0,267
CHR10	8589966	CHR10:8589966	SSF x Near_LoA	-3,383	0,151	0,285
CHR10	8590021	CHR10:8590021	SSF x Near_LoA	-10,861	0,033	0,282
CHR10	8590141	CHR10:8590141	SSF x Near_LoA	-7,245	0,044	0,295
CHR10	8602796	CHR10:8602796	SSF x Near_LoA	-4,807	-0,198	0,264
CHR10	8602837	CHR10:8602837	SSF x Near_LoA	-10,831	0,061	0,285
CHR10	8630945	CHR10:8630945	SSF x Near_LoA	-6,273	0,133	0,283
CHR10	8631030	CHR10:8631030	SSF x Near_LoA	-2,945	-0,161	0,280
CHR10	8747468	CHR10:8747468	SSF x Near_LoA	-9,487	0,062	0,289
CHR10	8764017	CHR10:8764017	SSF x Near_LoA	-10,646	0,043	0,286
CHR10	8764032	CHR10:8764032	SSF x Near_LoA	-7,952	0,138	0,279
CHR10	8764129	CHR10:8764129	SSF x Near_LoA	-7,904	0,037	0,284
CHR10	876476	CHR10:876476	SSF x Near_LoA	-9,744	-0,024	0,291
CHR10	876542	CHR10:876542	SSF x Near_LoA	-8,002	0,058	0,277
CHR10	876734	CHR10:876734	SSF x Near_LoA	-4,359	-0,196	0,290
CHR10	876869	CHR10:876869	SSF x Near_LoA	-9,610	-0,087	0,293
CHR10	8771975	CHR10:8771975	SSF x Near_LoA	-9,713	0,003	0,292
CHR10	8772112	CHR10:8772112	SSF x Near_LoA	-7,282	0,120	0,278
CHR10	8775187	CHR10:8775187	SSF x Near_LoA	-5,806	0,155	0,272
CHR10	8775319	CHR10:8775319	SSF x Near_LoA	-7,627	-0,209	0,272
CHR10	8775446	CHR10:8775446	SSF x Near_LoA	-7,174	0,129	0,279
CHR10	8775472	CHR10:8775472	SSF x Near_LoA	-10,703	-0,044	0,277
CHR10	8779466	CHR10:8779466	SSF x Near_LoA	-8,172	0,037	0,283
CHR10	8779468	CHR10:8779468	SSF x Near_LoA	-6,768	0,064	0,282

CHR10	8790411	CHR10:8790411	SSF x Near_LoA	-6,839	0,019	0,292
CHR10	8790429	CHR10:8790429	SSF x Near_LoA	-8,680	-0,093	0,282
CHR10	8794041	CHR10:8794041	SSF x Near_LoA	-9,966	-0,023	0,285
CHR10	8794298	CHR10:8794298	SSF x Near_LoA	-6,089	0,078	0,298
CHR10	8797191	CHR10:8797191	SSF x Near_LoA	-7,763	0,083	0,289
CHR10	8799392	CHR10:8799392	SSF x Near_LoA	-4,280	-0,066	0,294
CHR10	8801927	CHR10:8801927	SSF x Near_LoA	-9,974	-0,016	0,283
CHR10	8801965	CHR10:8801965	SSF x Near_LoA	-6,725	-0,081	0,264
CHR10	8819791	CHR10:8819791	SSF x Near_LoA	-8,810	0,069	0,287
CHR10	8819792	CHR10:8819792	SSF x Near_LoA	-8,614	0,069	0,286
CHR10	8819853	CHR10:8819853	SSF x Near_LoA	-6,973	-0,131	0,278
CHR10	8829036	CHR10:8829036	SSF x Near_LoA	-7,582	0,094	0,288
CHR10	8842276	CHR10:8842276	SSF x Near_LoA	-8,658	0,052	0,292
CHR10	8842355	CHR10:8842355	SSF x Near_LoA	-8,979	0,061	0,279
CHR10	8844854	CHR10:8844854	SSF x Near_LoA	-9,956	-0,011	0,289
CHR10	8844937	CHR10:8844937	SSF x Near_LoA	-9,287	-0,085	0,290
CHR10	8845196	CHR10:8845196	SSF x Near_LoA	-6,080	-0,184	0,286
CHR10	8851440	CHR10:8851440	SSF x Near_LoA	-8,531	-0,145	0,282
CHR10	8857679	CHR10:8857679	SSF x Near_LoA	-8,393	0,022	0,289
CHR10	8857694	CHR10:8857694	SSF x Near_LoA	-6,198	0,158	0,264
CHR10	8857760	CHR10:8857760	SSF x Near_LoA	-8,755	-0,011	0,283
CHR10	8857794	CHR10:8857794	SSF x Near_LoA	-6,015	-0,172	0,269
CHR10	8857799	CHR10:8857799	SSF x Near_LoA	-6,007	-0,165	0,274
CHR10	8857806	CHR10:8857806	SSF x Near_LoA	-4,108	0,092	0,283
CHR10	8873190	CHR10:8873190	SSF x Near_LoA	-7,238	-0,008	0,294
CHR10	8877039	CHR10:8877039	SSF x Near_LoA	-5,975	-0,198	0,280
CHR10	8877107	CHR10:8877107	SSF x Near_LoA	-10,153	-0,032	0,290
CHR10	8877195	CHR10:8877195	SSF x Near_LoA	-7,249	0,206	0,260
CHR10	8877250	CHR10:8877250	SSF x Near_LoA	-8,597	0,123	0,288
CHR10	8886509	CHR10:8886509	SSF x Near_LoA	-9,192	-0,023	0,287
CHR10	8889305	CHR10:8889305	SSF x Near_LoA	-10,033	-0,015	0,293
CHR10	8889679	CHR10:8889679	SSF x Near_LoA	-4,459	-0,209	0,269
CHR10	8889733	CHR10:8889733	SSF x Near_LoA	-7,760	0,024	0,281
CHR10	8889734	CHR10:8889734	SSF x Near_LoA	-7,862	0,058	0,276
CHR10	8889736	CHR10:8889736	SSF x Near_LoA	-7,095	-0,171	0,261
CHR10	8898515	CHR10:8898515	SSF x Near_LoA	-9,085	-0,030	0,296
CHR10	8898580	CHR10:8898580	SSF x Near_LoA	-7,526	0,066	0,284
CHR10	8898653	CHR10:8898653	SSF x Near_LoA	-7,259	-0,029	0,279
CHR10	8898688	CHR10:8898688	SSF x Near_LoA	-9,076	-0,059	0,281
CHR10	8898724	CHR10:8898724	SSF x Near_LoA	-9,114	-0,077	0,292
CHR10	8898789	CHR10:8898789	SSF x Near_LoA	-6,184	0,128	0,262
CHR10	8898796	CHR10:8898796	SSF x Near_LoA	-5,130	0,152	0,269
CHR10	8900655	CHR10:8900655	SSF x Near_LoA	-7,911	-0,017	0,297
CHR10	8900859	CHR10:8900859	SSF x Near_LoA	-8,067	0,026	0,278
CHR10	8900868	CHR10:8900868	SSF x Near_LoA	-8,513	-0,062	0,302
CHR10	8901513	CHR10:8901513	SSF x Near_LoA	-5,414	0,041	0,278
CHR10	8901669	CHR10:8901669	SSF x Near_LoA	-7,803	-0,178	0,288
CHR10	8905377	CHR10:8905377	SSF x Near_LoA	-8,350	-0,031	0,293
CHR10	8908358	CHR10:8908358	SSF x Near_LoA	-9,287	0,090	0,291
CHR10	8916277	CHR10:8916277	SSF x Near_LoA	-5,036	-0,055	0,282
CHR10	8916322	CHR10:8916322	SSF x Near_LoA	-8,993	-0,175	0,280
CHR10	8938811	CHR10:8938811	SSF x Near_LoA	-10,510	-0,042	0,293
CHR10	8938910	CHR10:8938910	SSF x Near_LoA	-6,317	0,098	0,296

CHR10	8957192	CHR10:8957192	SSF x Near_LoA	-9,547	0,038	0,276
CHR10	8957561	CHR10:8957561	SSF x Near_LoA	-5,951	0,124	0,281
CHR10	8970318	CHR10:8970318	SSF x Near_LoA	-6,177	-0,212	0,285
CHR10	8970385	CHR10:8970385	SSF x Near_LoA	-5,604	-0,179	0,267
CHR10	8970435	CHR10:8970435	SSF x Near_LoA	-8,228	0,061	0,300
CHR10	8970497	CHR10:8970497	SSF x Near_LoA	-6,310	0,085	0,294
CHR10	8970499	CHR10:8970499	SSF x Near_LoA	-9,916	0,029	0,286
CHR10	8970510	CHR10:8970510	SSF x Near_LoA	-9,015	0,068	0,291
CHR10	8970640	CHR10:8970640	SSF x Near_LoA	-1,608	0,179	0,284
CHR10	898223	CHR10:898223	SSF x Near_LoA	-6,650	-0,078	0,286
CHR10	8982278	CHR10:8982278	SSF x Near_LoA	-9,506	-0,038	0,288
CHR10	8982403	CHR10:8982403	SSF x Near_LoA	-7,991	0,019	0,287
CHR10	8982409	CHR10:8982409	SSF x Near_LoA	-8,979	-0,023	0,292
CHR10	8982425	CHR10:8982425	SSF x Near_LoA	-9,342	-0,036	0,287
CHR10	8984401	CHR10:8984401	SSF x Near_LoA	-10,278	0,019	0,287
CHR10	8984576	CHR10:8984576	SSF x Near_LoA	-8,210	-0,107	0,270
CHR10	8991630	CHR10:8991630	SSF x Near_LoA	-7,346	0,042	0,301
CHR10	8991686	CHR10:8991686	SSF x Near_LoA	-9,816	0,036	0,288
CHR10	8991751	CHR10:8991751	SSF x Near_LoA	-10,501	-0,039	0,285
CHR10	8991773	CHR10:8991773	SSF x Near_LoA	-7,553	0,017	0,286
CHR10	9000150	CHR10:9000150	SSF x Near_LoA	-3,624	-0,179	0,285
CHR10	9023175	CHR10:9023175	SSF x Near_LoA	-7,401	-0,109	0,284
CHR10	9023193	CHR10:9023193	SSF x Near_LoA	-7,880	-0,019	0,280
CHR10	9023218	CHR10:9023218	SSF x Near_LoA	-8,437	-0,047	0,281
CHR10	9023269	CHR10:9023269	SSF x Near_LoA	-7,953	-0,066	0,282
CHR10	9023294	CHR10:9023294	SSF x Near_LoA	-8,121	0,070	0,285
CHR10	9023396	CHR10:9023396	SSF x Near_LoA	-5,948	0,077	0,291
CHR10	9028073	CHR10:9028073	SSF x Near_LoA	-8,158	-0,046	0,294
CHR10	9028077	CHR10:9028077	SSF x Near_LoA	-8,921	-0,038	0,271
CHR10	9028183	CHR10:9028183	SSF x Near_LoA	-10,430	-0,048	0,290
CHR10	9035705	CHR10:9035705	SSF x Near_LoA	-7,765	-0,064	0,285
CHR10	9035849	CHR10:9035849	SSF x Near_LoA	-7,713	0,030	0,296
CHR10	9035966	CHR10:9035966	SSF x Near_LoA	-10,177	0,046	0,279
CHR10	903609	CHR10:903609	SSF x Near_LoA	-7,363	-0,001	0,289
CHR10	903784	CHR10:903784	SSF x Near_LoA	-7,909	-0,028	0,280
CHR10	9040718	CHR10:9040718	SSF x Near_LoA	-8,155	-0,102	0,270
CHR10	9055794	CHR10:9055794	SSF x Near_LoA	-10,992	-0,052	0,270
CHR10	9073645	CHR10:9073645	SSF x Near_LoA	-6,775	0,000	0,278
CHR10	9076314	CHR10:9076314	SSF x Near_LoA	-5,599	0,118	0,288
CHR10	9076431	CHR10:9076431	SSF x Near_LoA	-8,025	-0,016	0,285
CHR10	9076442	CHR10:9076442	SSF x Near_LoA	-6,716	0,004	0,292
CHR10	9076479	CHR10:9076479	SSF x Near_LoA	-6,836	-0,059	0,293
CHR10	9084162	CHR10:9084162	SSF x Near_LoA	-9,180	-0,069	0,279
CHR10	9089966	CHR10:9089966	SSF x Near_LoA	-6,511	0,047	0,283
CHR10	9090001	CHR10:9090001	SSF x Near_LoA	-9,260	-0,061	0,297
CHR10	9090002	CHR10:9090002	SSF x Near_LoA	-9,926	0,093	0,274
CHR10	9090258	CHR10:9090258	SSF x Near_LoA	-6,612	0,051	0,290
CHR10	9099657	CHR10:9099657	SSF x Near_LoA	-9,235	0,100	0,277
CHR10	9101766	CHR10:9101766	SSF x Near_LoA	-9,132	0,065	0,282
CHR10	9110111	CHR10:9110111	SSF x Near_LoA	-8,351	-0,043	0,286
CHR10	9110151	CHR10:9110151	SSF x Near_LoA	-9,055	-0,023	0,294
CHR10	9124292	CHR10:9124292	SSF x Near_LoA	-10,642	-0,073	0,277
CHR10	9124642	CHR10:9124642	SSF x Near_LoA	-7,553	-0,156	0,277

CHR10	9132102	CHR10:9132102	SSF x Near_LoA	-9,849	0,028	0,299
CHR10	9132135	CHR10:9132135	SSF x Near_LoA	-7,765	0,087	0,289
CHR10	9134730	CHR10:9134730	SSF x Near_LoA	-6,490	0,056	0,290
CHR10	9134778	CHR10:9134778	SSF x Near_LoA	-10,139	0,070	0,288
CHR10	9135140	CHR10:9135140	SSF x Near_LoA	-9,533	-0,077	0,276
CHR10	9141213	CHR10:9141213	SSF x Near_LoA	-3,760	-0,247	0,275
CHR10	9143932	CHR10:9143932	SSF x Near_LoA	-7,273	-0,079	0,294
CHR10	9144028	CHR10:9144028	SSF x Near_LoA	-7,625	-0,134	0,289
CHR10	9144272	CHR10:9144272	SSF x Near_LoA	-7,771	-0,048	0,296
CHR10	9144273	CHR10:9144273	SSF x Near_LoA	-8,072	0,042	0,290
CHR10	9144326	CHR10:9144326	SSF x Near_LoA	-5,369	0,084	0,289
CHR10	9147685	CHR10:9147685	SSF x Near_LoA	-8,677	0,063	0,284
CHR10	9147783	CHR10:9147783	SSF x Near_LoA	-6,581	-0,111	0,280
CHR10	9147786	CHR10:9147786	SSF x Near_LoA	-5,917	-0,126	0,287
CHR10	9147816	CHR10:9147816	SSF x Near_LoA	-7,600	0,085	0,280
CHR10	9151151	CHR10:9151151	SSF x Near_LoA	-6,743	-0,091	0,292
CHR10	9151260	CHR10:9151260	SSF x Near_LoA	-8,150	0,091	0,289
CHR10	9151320	CHR10:9151320	SSF x Near_LoA	-7,336	-0,098	0,289
CHR10	915229	CHR10:915229	SSF x Near_LoA	-7,136	0,048	0,284
CHR10	915270	CHR10:915270	SSF x Near_LoA	-4,022	0,137	0,275
CHR10	915281	CHR10:915281	SSF x Near_LoA	-6,835	0,117	0,286
CHR10	915295	CHR10:915295	SSF x Near_LoA	-7,430	0,042	0,289
CHR10	9160035	CHR10:9160035	SSF x Near_LoA	-6,932	0,002	0,302
CHR10	9166892	CHR10:9166892	SSF x Near_LoA	-9,504	-0,039	0,292
CHR10	9167013	CHR10:9167013	SSF x Near_LoA	-7,893	-0,055	0,293
CHR10	9168975	CHR10:9168975	SSF x Near_LoA	-1,125	0,106	0,296
CHR10	9169038	CHR10:9169038	SSF x Near_LoA	-9,620	-0,074	0,283
CHR10	9169191	CHR10:9169191	SSF x Near_LoA	-9,942	0,044	0,290
CHR10	9169236	CHR10:9169236	SSF x Near_LoA	-9,130	0,087	0,283
CHR10	9195512	CHR10:9195512	SSF x Near_LoA	-7,075	-0,164	0,291
CHR10	9195514	CHR10:9195514	SSF x Near_LoA	-9,539	-0,094	0,292
CHR10	9195547	CHR10:9195547	SSF x Near_LoA	-10,326	-0,107	0,278
CHR10	9195558	CHR10:9195558	SSF x Near_LoA	-8,452	-0,088	0,298
CHR10	9195723	CHR10:9195723	SSF x Near_LoA	-9,033	0,007	0,285
CHR10	9207906	CHR10:9207906	SSF x Near_LoA	-7,658	0,077	0,281
CHR10	9217441	CHR10:9217441	SSF x Near_LoA	-9,771	-0,026	0,273
CHR10	9217442	CHR10:9217442	SSF x Near_LoA	-9,938	-0,012	0,275
CHR10	9217628	CHR10:9217628	SSF x Near_LoA	-8,358	-0,080	0,301
CHR10	9224688	CHR10:9224688	SSF x Near_LoA	-9,585	-0,072	0,280
CHR10	9241055	CHR10:9241055	SSF x Near_LoA	-9,569	-0,001	0,290
CHR10	9241076	CHR10:9241076	SSF x Near_LoA	-9,467	0,076	0,282
CHR10	9241274	CHR10:9241274	SSF x Near_LoA	-7,615	0,078	0,271
CHR10	9241364	CHR10:9241364	SSF x Near_LoA	-10,650	0,005	0,289
CHR10	9241449	CHR10:9241449	SSF x Near_LoA	-3,516	-0,055	0,276
CHR10	9249671	CHR10:9249671	SSF x Near_LoA	-9,920	-0,037	0,275
CHR10	9249708	CHR10:9249708	SSF x Near_LoA	-6,993	-0,123	0,285
CHR10	9249882	CHR10:9249882	SSF x Near_LoA	-7,499	-0,061	0,289
CHR10	9249969	CHR10:9249969	SSF x Near_LoA	-6,373	-0,134	0,271
CHR10	9262073	CHR10:9262073	SSF x Near_LoA	-9,410	0,014	0,281
CHR10	9262116	CHR10:9262116	SSF x Near_LoA	-8,521	-0,023	0,282
CHR10	9262143	CHR10:9262143	SSF x Near_LoA	-4,889	0,121	0,283
CHR10	9262177	CHR10:9262177	SSF x Near_LoA	-8,034	-0,133	0,273
CHR10	9262241	CHR10:9262241	SSF x Near_LoA	-7,066	0,191	0,263

CHR10	9262251	CHR10:9262251	SSF x Near_LoA	-3,056	-0,197	0,275
CHR10	9268010	CHR10:9268010	SSF x Near_LoA	-8,512	0,105	0,285
CHR10	9278102	CHR10:9278102	SSF x Near_LoA	-7,200	0,022	0,294
CHR10	9285953	CHR10:9285953	SSF x Near_LoA	-7,654	0,103	0,287
CHR10	9292462	CHR10:9292462	SSF x Near_LoA	-2,495	-0,189	0,279
CHR10	9292587	CHR10:9292587	SSF x Near_LoA	-7,816	0,023	0,294
CHR10	9292660	CHR10:9292660	SSF x Near_LoA	-10,041	0,056	0,284
CHR10	9292688	CHR10:9292688	SSF x Near_LoA	-10,567	0,032	0,283
CHR10	9292713	CHR10:9292713	SSF x Near_LoA	-7,083	-0,003	0,305
CHR10	9292728	CHR10:9292728	SSF x Near_LoA	-8,882	0,107	0,282
CHR10	9300886	CHR10:9300886	SSF x Near_LoA	-9,546	-0,077	0,286
CHR10	9300889	CHR10:9300889	SSF x Near_LoA	-10,536	-0,032	0,290
CHR10	9300900	CHR10:9300900	SSF x Near_LoA	-10,537	-0,037	0,285
CHR10	9300937	CHR10:9300937	SSF x Near_LoA	-5,985	0,058	0,299
CHR10	9301239	CHR10:9301239	SSF x Near_LoA	-8,705	-0,023	0,272
CHR10	9319866	CHR10:9319866	SSF x Near_LoA	-9,059	-0,014	0,283
CHR10	9319872	CHR10:9319872	SSF x Near_LoA	-6,522	0,056	0,285
CHR10	9320001	CHR10:9320001	SSF x Near_LoA	-9,668	-0,034	0,284
CHR10	9320006	CHR10:9320006	SSF x Near_LoA	-8,206	0,104	0,283
CHR10	9320059	CHR10:9320059	SSF x Near_LoA	-1,109	-0,220	0,264
CHR10	9324934	CHR10:9324934	SSF x Near_LoA	-7,308	0,060	0,281
CHR10	9327304	CHR10:9327304	SSF x Near_LoA	-7,859	0,156	0,277
CHR10	9332865	CHR10:9332865	SSF x Near_LoA	-8,403	0,151	0,271
CHR10	9333035	CHR10:9333035	SSF x Near_LoA	-7,408	0,003	0,293
CHR10	9334037	CHR10:9334037	SSF x Near_LoA	-10,745	0,020	0,277
CHR10	9334136	CHR10:9334136	SSF x Near_LoA	-7,485	0,186	0,285
CHR10	9334282	CHR10:9334282	SSF x Near_LoA	-6,609	-0,075	0,282
CHR10	9345633	CHR10:9345633	SSF x Near_LoA	-8,730	-0,056	0,285
CHR10	9357530	CHR10:9357530	SSF x Near_LoA	-9,785	0,014	0,291
CHR10	9357626	CHR10:9357626	SSF x Near_LoA	-10,496	-0,009	0,281
CHR10	9357653	CHR10:9357653	SSF x Near_LoA	-8,114	0,020	0,296
CHR10	9357786	CHR10:9357786	SSF x Near_LoA	-9,465	0,107	0,292
CHR10	9359176	CHR10:9359176	SSF x Near_LoA	-4,815	-0,195	0,284
CHR10	9359199	CHR10:9359199	SSF x Near_LoA	0,320	-0,171	0,286
CHR10	9364766	CHR10:9364766	SSF x Near_LoA	-7,753	0,073	0,272
CHR10	9364794	CHR10:9364794	SSF x Near_LoA	-5,994	-0,157	0,287
CHR10	937244	CHR10:937244	SSF x Near_LoA	-8,799	0,023	0,289
CHR10	937285	CHR10:937285	SSF x Near_LoA	-3,875	-0,119	0,282
CHR10	937297	CHR10:937297	SSF x Near_LoA	-6,413	0,086	0,285
CHR10	9384183	CHR10:9384183	SSF x Near_LoA	-9,747	0,080	0,286
CHR10	9384355	CHR10:9384355	SSF x Near_LoA	-10,903	0,014	0,292
CHR10	9384460	CHR10:9384460	SSF x Near_LoA	-2,536	0,146	0,289
CHR10	9384464	CHR10:9384464	SSF x Near_LoA	-8,380	-0,053	0,278
CHR10	9384470	CHR10:9384470	SSF x Near_LoA	-7,950	0,023	0,277
CHR10	9391028	CHR10:9391028	SSF x Near_LoA	-6,650	0,087	0,288
CHR10	9394604	CHR10:9394604	SSF x Near_LoA	-6,796	-0,073	0,301
CHR10	9394763	CHR10:9394763	SSF x Near_LoA	-9,409	0,001	0,282
CHR10	9394780	CHR10:9394780	SSF x Near_LoA	-5,693	-0,205	0,257
CHR10	9399158	CHR10:9399158	SSF x Near_LoA	1,371	-0,269	0,279
CHR10	9400006	CHR10:9400006	SSF x Near_LoA	-7,885	-0,075	0,284
CHR10	9437307	CHR10:9437307	SSF x Near_LoA	-8,287	-0,017	0,289
CHR10	9437387	CHR10:9437387	SSF x Near_LoA	-6,127	0,141	0,290
CHR10	9437507	CHR10:9437507	SSF x Near_LoA	-9,264	-0,102	0,282

CHR10	9437558	CHR10:9437558	SSF x Near_LoA	-6,206	-0,039	0,286
CHR10	9446163	CHR10:9446163	SSF x Near_LoA	-8,374	-0,050	0,279
CHR10	945763	CHR10:945763	SSF x Near_LoA	-9,265	-0,145	0,282
CHR10	9457853	CHR10:9457853	SSF x Near_LoA	-7,558	-0,004	0,286
CHR10	9475839	CHR10:9475839	SSF x Near_LoA	-4,703	-0,172	0,284
CHR10	9475841	CHR10:9475841	SSF x Near_LoA	-4,325	-0,152	0,284
CHR10	9475880	CHR10:9475880	SSF x Near_LoA	-7,582	0,066	0,285
CHR10	9475891	CHR10:9475891	SSF x Near_LoA	-9,513	-0,013	0,298
CHR10	9475893	CHR10:9475893	SSF x Near_LoA	-6,959	0,026	0,293
CHR10	9475902	CHR10:9475902	SSF x Near_LoA	-8,853	0,058	0,267
CHR10	9475934	CHR10:9475934	SSF x Near_LoA	-7,618	-0,016	0,277
CHR10	9475940	CHR10:9475940	SSF x Near_LoA	-6,081	-0,017	0,271
CHR10	9475959	CHR10:9475959	SSF x Near_LoA	-9,665	0,014	0,277
CHR10	9475982	CHR10:9475982	SSF x Near_LoA	-10,264	0,034	0,285
CHR10	9481324	CHR10:9481324	SSF x Near_LoA	-9,873	0,097	0,293
CHR10	9481441	CHR10:9481441	SSF x Near_LoA	-5,636	0,072	0,297
CHR10	9481467	CHR10:9481467	SSF x Near_LoA	-6,933	0,090	0,286
CHR10	9481470	CHR10:9481470	SSF x Near_LoA	-9,599	-0,105	0,286
CHR10	9486746	CHR10:9486746	SSF x Near_LoA	-8,422	-0,065	0,289
CHR10	9486804	CHR10:9486804	SSF x Near_LoA	-8,695	0,020	0,274
CHR10	9486851	CHR10:9486851	SSF x Near_LoA	-8,579	0,085	0,289
CHR10	9486917	CHR10:9486917	SSF x Near_LoA	-8,250	-0,057	0,267
CHR10	9486963	CHR10:9486963	SSF x Near_LoA	-9,568	-0,036	0,289
CHR10	9489632	CHR10:9489632	SSF x Near_LoA	-6,728	0,057	0,280
CHR10	9489738	CHR10:9489738	SSF x Near_LoA	-9,345	0,075	0,290
CHR10	9494871	CHR10:9494871	SSF x Near_LoA	-8,671	-0,034	0,282
CHR10	9494886	CHR10:9494886	SSF x Near_LoA	-9,247	0,028	0,302
CHR10	9494887	CHR10:9494887	SSF x Near_LoA	-9,850	0,045	0,281
CHR10	9497067	CHR10:9497067	SSF x Near_LoA	-7,604	-0,046	0,281
CHR10	9526842	CHR10:9526842	SSF x Near_LoA	-7,965	0,013	0,289
CHR10	9551864	CHR10:9551864	SSF x Near_LoA	-9,721	0,040	0,287
CHR10	9564856	CHR10:9564856	SSF x Near_LoA	-6,161	-0,091	0,282
CHR10	9564907	CHR10:9564907	SSF x Near_LoA	-5,036	0,166	0,292
CHR10	9564910	CHR10:9564910	SSF x Near_LoA	-6,675	0,127	0,292
CHR10	9564911	CHR10:9564911	SSF x Near_LoA	-5,383	0,161	0,281
CHR10	9564920	CHR10:9564920	SSF x Near_LoA	-7,779	0,165	0,262
CHR10	9564973	CHR10:9564973	SSF x Near_LoA	-6,030	0,119	0,283
CHR10	9565086	CHR10:9565086	SSF x Near_LoA	-8,599	-0,054	0,282
CHR10	9575049	CHR10:9575049	SSF x Near_LoA	-9,952	-0,014	0,286
CHR10	9575108	CHR10:9575108	SSF x Near_LoA	-7,712	0,013	0,288
CHR10	9575111	CHR10:9575111	SSF x Near_LoA	-8,371	-0,110	0,281
CHR10	9575123	CHR10:9575123	SSF x Near_LoA	-9,266	-0,090	0,282
CHR10	9575129	CHR10:9575129	SSF x Near_LoA	-9,344	-0,098	0,277
CHR10	9600114	CHR10:9600114	SSF x Near_LoA	-7,459	0,044	0,296
CHR10	9600376	CHR10:9600376	SSF x Near_LoA	-8,020	-0,124	0,287
CHR10	9603335	CHR10:9603335	SSF x Near_LoA	-6,400	0,008	0,301
CHR10	9603340	CHR10:9603340	SSF x Near_LoA	-7,179	0,015	0,292
CHR10	9603703	CHR10:9603703	SSF x Near_LoA	-0,876	0,193	0,276
CHR10	9608394	CHR10:9608394	SSF x Near_LoA	-0,707	-0,086	0,290
CHR10	9608447	CHR10:9608447	SSF x Near_LoA	-10,475	-0,068	0,289
CHR10	9608452	CHR10:9608452	SSF x Near_LoA	-7,290	-0,003	0,292
CHR10	9608535	CHR10:9608535	SSF x Near_LoA	-8,457	-0,005	0,297
CHR10	9608632	CHR10:9608632	SSF x Near_LoA	-7,593	0,027	0,284

CHR10	9608636	CHR10:9608636	SSF x Near_LoA	-7,205	-0,210	0,274
CHR10	9608642	CHR10:9608642	SSF x Near_LoA	-7,346	-0,075	0,290
CHR10	9611965	CHR10:9611965	SSF x Near_LoA	-8,790	-0,099	0,290
CHR10	9611979	CHR10:9611979	SSF x Near_LoA	-8,127	-0,075	0,288
CHR10	9612111	CHR10:9612111	SSF x Near_LoA	-7,292	0,160	0,274
CHR10	9617554	CHR10:9617554	SSF x Near_LoA	-10,344	0,057	0,289
CHR10	9617565	CHR10:9617565	SSF x Near_LoA	-7,237	0,038	0,273
CHR10	9639245	CHR10:9639245	SSF x Near_LoA	-4,876	-0,218	0,286
CHR10	9639272	CHR10:9639272	SSF x Near_LoA	-8,172	-0,190	0,276
CHR10	9639273	CHR10:9639273	SSF x Near_LoA	-3,058	-0,199	0,267
CHR10	9639422	CHR10:9639422	SSF x Near_LoA	-6,255	0,126	0,292
CHR10	9658138	CHR10:9658138	SSF x Near_LoA	-9,751	0,030	0,282
CHR10	9680476	CHR10:9680476	SSF x Near_LoA	-8,815	-0,091	0,290
CHR10	9685866	CHR10:9685866	SSF x Near_LoA	-6,261	0,060	0,276
CHR10	972856	CHR10:972856	SSF x Near_LoA	-9,658	-0,097	0,280
CHR10	972936	CHR10:972936	SSF x Near_LoA	-9,318	0,079	0,284
CHR10	9759120	CHR10:9759120	SSF x Near_LoA	-5,316	-0,117	0,278
CHR10	9761622	CHR10:9761622	SSF x Near_LoA	-5,116	0,088	0,289
CHR10	9761698	CHR10:9761698	SSF x Near_LoA	-5,283	-0,063	0,296
CHR10	976271	CHR10:976271	SSF x Near_LoA	-9,674	-0,059	0,285
CHR10	976405	CHR10:976405	SSF x Near_LoA	-9,734	-0,025	0,289
CHR10	9778647	CHR10:9778647	SSF x Near_LoA	-9,462	0,080	0,301
CHR10	9781265	CHR10:9781265	SSF x Near_LoA	-8,918	-0,011	0,288
CHR10	9781331	CHR10:9781331	SSF x Near_LoA	-9,537	-0,093	0,284
CHR10	9786763	CHR10:9786763	SSF x Near_LoA	-9,207	-0,091	0,277
CHR10	9789845	CHR10:9789845	SSF x Near_LoA	-6,609	-0,068	0,274
CHR10	9789848	CHR10:9789848	SSF x Near_LoA	-8,143	-0,088	0,280
CHR10	9791278	CHR10:9791278	SSF x Near_LoA	-7,300	-0,013	0,304
CHR10	9808858	CHR10:9808858	SSF x Near_LoA	-9,060	-0,007	0,284
CHR10	9809180	CHR10:9809180	SSF x Near_LoA	-9,910	-0,031	0,299
CHR10	9820779	CHR10:9820779	SSF x Near_LoA	-8,261	-0,066	0,285
CHR10	9821008	CHR10:9821008	SSF x Near_LoA	-3,288	-0,026	0,294
CHR10	9821078	CHR10:9821078	SSF x Near_LoA	-6,536	0,169	0,282
CHR10	9821133	CHR10:9821133	SSF x Near_LoA	-8,274	0,077	0,311
CHR10	9823539	CHR10:9823539	SSF x Near_LoA	-8,521	0,009	0,264
CHR10	9823608	CHR10:9823608	SSF x Near_LoA	-9,466	-0,052	0,288
CHR10	9823623	CHR10:9823623	SSF x Near_LoA	-11,322	0,029	0,281
CHR10	9825057	CHR10:9825057	SSF x Near_LoA	-9,310	-0,104	0,285
CHR10	9825074	CHR10:9825074	SSF x Near_LoA	-7,268	0,106	0,287
CHR10	9825179	CHR10:9825179	SSF x Near_LoA	-7,413	-0,048	0,285
CHR10	9825216	CHR10:9825216	SSF x Near_LoA	-7,828	0,067	0,286
CHR10	9825258	CHR10:9825258	SSF x Near_LoA	-6,872	0,140	0,278
CHR10	9827610	CHR10:9827610	SSF x Near_LoA	-9,845	-0,003	0,281
CHR10	984078	CHR10:984078	SSF x Near_LoA	-7,938	-0,017	0,283
CHR10	984183	CHR10:984183	SSF x Near_LoA	-6,762	-0,184	0,283
CHR10	984304	CHR10:984304	SSF x Near_LoA	-6,849	0,105	0,297
CHR10	984342	CHR10:984342	SSF x Near_LoA	-8,287	-0,041	0,282
CHR10	984370	CHR10:984370	SSF x Near_LoA	-9,876	-0,155	0,295
CHR10	984413	CHR10:984413	SSF x Near_LoA	-7,354	0,051	0,288
CHR10	9880996	CHR10:9880996	SSF x Near_LoA	-6,803	0,110	0,288
CHR10	9881012	CHR10:9881012	SSF x Near_LoA	-10,853	0,062	0,285
CHR10	9881035	CHR10:9881035	SSF x Near_LoA	-8,209	-0,004	0,295
CHR10	9881043	CHR10:9881043	SSF x Near_LoA	-7,641	-0,087	0,290

CHR10	9881104	CHR10:9881104	SSF x Near_LoA	-6,787	-0,114	0,273
CHR10	9881105	CHR10:9881105	SSF x Near_LoA	-9,536	0,025	0,282
CHR10	9881123	CHR10:9881123	SSF x Near_LoA	-4,350	0,191	0,263
CHR10	9881178	CHR10:9881178	SSF x Near_LoA	-7,307	0,024	0,294
CHR10	9881229	CHR10:9881229	SSF x Near_LoA	-8,635	0,034	0,286
CHR10	9881268	CHR10:9881268	SSF x Near_LoA	-8,015	0,106	0,302
CHR10	9881283	CHR10:9881283	SSF x Near_LoA	-4,988	0,174	0,277
CHR10	9902460	CHR10:9902460	SSF x Near_LoA	-5,627	0,096	0,297
CHR10	9902513	CHR10:9902513	SSF x Near_LoA	-7,921	-0,106	0,297
CHR10	9902559	CHR10:9902559	SSF x Near_LoA	-9,404	-0,040	0,289
CHR10	9902608	CHR10:9902608	SSF x Near_LoA	-9,838	0,052	0,272
CHR10	9914388	CHR10:9914388	SSF x Near_LoA	-8,654	0,109	0,296
CHR10	9922318	CHR10:9922318	SSF x Near_LoA	-4,923	-0,093	0,284
CHR10	9924911	CHR10:9924911	SSF x Near_LoA	-8,768	0,008	0,285
CHR10	9924980	CHR10:9924980	SSF x Near_LoA	-9,828	0,006	0,278
CHR10	9925111	CHR10:9925111	SSF x Near_LoA	-7,292	0,080	0,277
CHR10	9938983	CHR10:9938983	SSF x Near_LoA	-7,904	0,053	0,286
CHR10	9938984	CHR10:9938984	SSF x Near_LoA	-8,522	-0,122	0,289
CHR10	9940431	CHR10:9940431	SSF x Near_LoA	-8,812	0,038	0,282
CHR10	9940563	CHR10:9940563	SSF x Near_LoA	-8,217	0,007	0,292
CHR10	9942667	CHR10:9942667	SSF x Near_LoA	-9,366	-0,030	0,281
CHR10	9965594	CHR10:9965594	SSF x Near_LoA	-7,612	0,012	0,289
CHR10	9965601	CHR10:9965601	SSF x Near_LoA	-10,225	-0,064	0,274
CHR10	9965617	CHR10:9965617	SSF x Near_LoA	-8,719	-0,005	0,291
CHR10	9965748	CHR10:9965748	SSF x Near_LoA	-3,656	-0,103	0,283
CHR10	9970445	CHR10:9970445	SSF x Near_LoA	-6,198	0,084	0,295
CHR10	9970463	CHR10:9970463	SSF x Near_LoA	-7,337	0,091	0,291
CHR10	9970529	CHR10:9970529	SSF x Near_LoA	1,308	0,123	0,280
CHR10	9970549	CHR10:9970549	SSF x Near_LoA	-10,331	-0,029	0,285
CHR10	9980077	CHR10:9980077	SSF x Near_LoA	-4,213	0,159	0,282
CHR10	9983919	CHR10:9983919	SSF x Near_LoA	-9,705	0,061	0,278
CHR10	9984105	CHR10:9984105	SSF x Near_LoA	-9,686	0,053	0,275
CHR10	9984125	CHR10:9984125	SSF x Near_LoA	-7,881	-0,064	0,296
CHR10	9984162	CHR10:9984162	SSF x Near_LoA	-9,576	-0,042	0,297
CHR10	9984166	CHR10:9984166	SSF x Near_LoA	-9,723	0,038	0,282
CHR10	9984192	CHR10:9984192	SSF x Near_LoA	-0,486	0,041	0,298
CHR10	9984222	CHR10:9984222	SSF x Near_LoA	-7,924	-0,011	0,277
CHR10	9984238	CHR10:9984238	SSF x Near_LoA	-9,296	-0,005	0,293
CHR10	9987042	CHR10:9987042	SSF x Near_LoA	-6,379	-0,073	0,293
CHR11	1E+07	CHR11:1000459[illegible]	SSF x Near_LoA	-8,082	0,056	0,292
CHR11	1E+07	CHR11:1000915[illegible]	SSF x Near_LoA	-6,492	-0,146	0,277
CHR11	1E+07	CHR11:1001120[illegible]	SSF x Near_LoA	-5,704	-0,200	0,270
CHR11	1E+07	CHR11:1002357[illegible]	SSF x Near_LoA	-8,074	-0,091	0,287
CHR11	1E+07	CHR11:1003517[illegible]	SSF x Near_LoA	-9,085	-0,045	0,294
CHR11	1E+07	CHR11:1003529[illegible]	SSF x Near_LoA	-7,428	-0,124	0,275
CHR11	1E+07	CHR11:1003587[illegible]	SSF x Near_LoA	-9,928	0,011	0,291
CHR11	1E+07	CHR11:1004526[illegible]	SSF x Near_LoA	-8,409	0,017	0,291
CHR11	1E+07	CHR11:1004540[illegible]	SSF x Near_LoA	-8,565	-0,083	0,292
CHR11	1E+07	CHR11:1004690[illegible]	SSF x Near_LoA	-10,602	-0,064	0,280
CHR11	1E+07	CHR11:1005775[illegible]	SSF x Near_LoA	-6,863	0,029	0,292
CHR11	1E+07	CHR11:1005888[illegible]	SSF x Near_LoA	-9,410	-0,031	0,278
CHR11	1E+07	CHR11:1005893[illegible]	SSF x Near_LoA	-5,583	0,123	0,287
CHR11	1E+07	CHR11:1005895[illegible]	SSF x Near_LoA	-8,134	-0,030	0,299

CHR11	1E+07	CHR11:10058962	SSF x Near_LoA	-8,854	0,018	0,291
CHR11	1E+07	CHR11:10059025	SSF x Near_LoA	-9,764	0,032	0,280
CHR11	1E+07	CHR11:10059057	SSF x Near_LoA	-7,664	0,056	0,275
CHR11	1E+07	CHR11:10059192	SSF x Near_LoA	-9,743	0,038	0,288
CHR11	1E+07	CHR11:1005922C	SSF x Near_LoA	-8,258	-0,082	0,286
CHR11	1E+07	CHR11:10079566	SSF x Near_LoA	-8,783	0,083	0,292
CHR11	1E+07	CHR11:10079571	SSF x Near_LoA	-8,675	0,083	0,287
CHR11	1E+07	CHR11:10079579	SSF x Near_LoA	-7,822	-0,090	0,280
CHR11	1E+07	CHR11:10079608	SSF x Near_LoA	-7,677	0,104	0,278
CHR11	1E+07	CHR11:1007963C	SSF x Near_LoA	-7,027	-0,093	0,300
CHR11	1E+07	CHR11:10083066	SSF x Near_LoA	-7,036	-0,063	0,302
CHR11	1E+07	CHR11:10083102	SSF x Near_LoA	-9,865	0,047	0,287
CHR11	1E+07	CHR11:10083171	SSF x Near_LoA	-8,319	-0,007	0,297
CHR11	1E+07	CHR11:10083193	SSF x Near_LoA	-8,398	0,026	0,275
CHR11	1009328	CHR11:1009328	SSF x Near_LoA	8,413	-0,318	0,251
CHR11	1009337	CHR11:1009337	SSF x Near_LoA	-8,215	0,022	0,281
CHR11	1009339	CHR11:1009339	SSF x Near_LoA	-4,976	0,187	0,278
CHR11	1009360	CHR11:1009360	SSF x Near_LoA	-4,474	0,172	0,260
CHR11	1009424	CHR11:1009424	SSF x Near_LoA	-2,502	0,013	0,282
CHR11	1E+07	CHR11:10094973	SSF x Near_LoA	-3,755	0,067	0,286
CHR11	1010415	CHR11:1010415	SSF x Near_LoA	-8,268	-0,067	0,292
CHR11	1E+07	CHR11:10113795	SSF x Near_LoA	-5,030	0,148	0,285
CHR11	1E+07	CHR11:10113872	SSF x Near_LoA	-8,915	-0,045	0,296
CHR11	1012054	CHR11:1012054	SSF x Near_LoA	-7,277	-0,075	0,278
CHR11	1012070	CHR11:1012070	SSF x Near_LoA	-8,690	-0,060	0,283
CHR11	1012086	CHR11:1012086	SSF x Near_LoA	-6,114	-0,063	0,289
CHR11	1E+07	CHR11:1012240C	SSF x Near_LoA	-6,144	-0,181	0,291
CHR11	1E+07	CHR11:10122429	SSF x Near_LoA	-4,644	-0,166	0,279
CHR11	1E+07	CHR11:10122433	SSF x Near_LoA	-5,907	-0,152	0,291
CHR11	1E+07	CHR11:10122439	SSF x Near_LoA	-8,085	-0,061	0,285
CHR11	1E+07	CHR11:10122447	SSF x Near_LoA	4,160	-0,104	0,279
CHR11	1E+07	CHR11:10122451	SSF x Near_LoA	-7,138	-0,095	0,285
CHR11	1E+07	CHR11:10122459	SSF x Near_LoA	-9,711	-0,081	0,284
CHR11	1E+07	CHR11:1012246C	SSF x Near_LoA	-8,080	-0,105	0,281
CHR11	1E+07	CHR11:10122469	SSF x Near_LoA	-6,845	-0,100	0,271
CHR11	1E+07	CHR11:10122572	SSF x Near_LoA	-8,365	0,032	0,292
CHR11	1E+07	CHR11:10130084	SSF x Near_LoA	-6,664	0,171	0,292
CHR11	1E+07	CHR11:10141385	SSF x Near_LoA	-7,014	0,140	0,295
CHR11	1E+07	CHR11:1015241C	SSF x Near_LoA	-9,478	0,008	0,302
CHR11	1E+07	CHR11:10152499	SSF x Near_LoA	-7,517	0,026	0,293
CHR11	1E+07	CHR11:10152614	SSF x Near_LoA	-8,310	0,059	0,293
CHR11	1E+07	CHR11:10152662	SSF x Near_LoA	-7,825	0,063	0,304
CHR11	1E+07	CHR11:10156662	SSF x Near_LoA	-8,944	-0,081	0,281
CHR11	1E+07	CHR11:10156666	SSF x Near_LoA	-8,480	0,049	0,286
CHR11	1E+07	CHR11:10163195	SSF x Near_LoA	-6,561	-0,086	0,298
CHR11	1E+07	CHR11:10163233	SSF x Near_LoA	-8,748	-0,003	0,288
CHR11	1E+07	CHR11:10163318	SSF x Near_LoA	-5,221	-0,191	0,284
CHR11	1E+07	CHR11:10163339	SSF x Near_LoA	-4,601	-0,214	0,279
CHR11	1E+07	CHR11:10163356	SSF x Near_LoA	-2,519	-0,210	0,290
CHR11	1E+07	CHR11:10165877	SSF x Near_LoA	-6,362	-0,174	0,283
CHR11	1E+07	CHR11:10165879	SSF x Near_LoA	-4,789	-0,185	0,288
CHR11	1E+07	CHR11:10166053	SSF x Near_LoA	-8,272	-0,019	0,288
CHR11	1E+07	CHR11:10176923	SSF x Near_LoA	-8,835	-0,004	0,280

CHR11	1E+07	CHR11:10176955	SSF x Near_LoA	-6,417	0,141	0,275
CHR11	1E+07	CHR11:10176971	SSF x Near_LoA	-8,126	0,012	0,279
CHR11	1E+07	CHR11:10177042	SSF x Near_LoA	-8,042	0,086	0,279
CHR11	1E+07	CHR11:10192137	SSF x Near_LoA	-10,788	0,096	0,283
CHR11	1E+07	CHR11:10198639	SSF x Near_LoA	-3,218	-0,155	0,277
CHR11	1E+07	CHR11:10208324	SSF x Near_LoA	-7,751	0,087	0,282
CHR11	1E+07	CHR11:10208346	SSF x Near_LoA	-7,842	-0,009	0,285
CHR11	1E+07	CHR11:10220383	SSF x Near_LoA	-7,301	-0,087	0,293
CHR11	1E+07	CHR11:10224720	SSF x Near_LoA	1,474	-0,278	0,266
CHR11	1023491	CHR11:1023491	SSF x Near_LoA	-8,701	0,055	0,281
CHR11	1E+07	CHR11:10251825	SSF x Near_LoA	-9,197	-0,007	0,278
CHR11	1E+07	CHR11:10251869	SSF x Near_LoA	-8,610	-0,044	0,290
CHR11	1E+07	CHR11:10253292	SSF x Near_LoA	-5,096	0,188	0,264
CHR11	1E+07	CHR11:10255041	SSF x Near_LoA	-6,279	-0,017	0,294
CHR11	1E+07	CHR11:10255069	SSF x Near_LoA	-8,199	-0,029	0,286
CHR11	1E+07	CHR11:10260646	SSF x Near_LoA	-4,875	0,028	0,300
CHR11	1E+07	CHR11:10260735	SSF x Near_LoA	-7,531	0,077	0,287
CHR11	1E+07	CHR11:10260778	SSF x Near_LoA	-8,658	-0,044	0,290
CHR11	1E+07	CHR11:10260790	SSF x Near_LoA	-8,635	0,090	0,291
CHR11	1027095	CHR11:1027095	SSF x Near_LoA	-6,356	-0,164	0,278
CHR11	1027138	CHR11:1027138	SSF x Near_LoA	-5,336	-0,216	0,282
CHR11	1027284	CHR11:1027284	SSF x Near_LoA	-5,918	0,145	0,273
CHR11	1E+07	CHR11:10273215	SSF x Near_LoA	-6,333	0,136	0,288
CHR11	1E+07	CHR11:10273233	SSF x Near_LoA	-7,522	0,089	0,295
CHR11	1E+07	CHR11:10273276	SSF x Near_LoA	-7,674	0,105	0,297
CHR11	1027402	CHR11:1027402	SSF x Near_LoA	-9,786	-0,001	0,283
CHR11	1027418	CHR11:1027418	SSF x Near_LoA	-8,582	-0,137	0,284
CHR11	1E+07	CHR11:10286008	SSF x Near_LoA	-11,018	-0,042	0,285
CHR11	1E+07	CHR11:10286405	SSF x Near_LoA	-9,558	-0,027	0,277
CHR11	1E+07	CHR11:10303479	SSF x Near_LoA	-9,189	-0,042	0,292
CHR11	1E+07	CHR11:10303604	SSF x Near_LoA	-6,677	0,055	0,293
CHR11	1E+07	CHR11:10303611	SSF x Near_LoA	-8,001	-0,181	0,282
CHR11	1E+07	CHR11:10376934	SSF x Near_LoA	-7,380	-0,141	0,291
CHR11	1E+07	CHR11:10391910	SSF x Near_LoA	-7,403	-0,093	0,273
CHR11	1E+07	CHR11:10411981	SSF x Near_LoA	-6,903	0,034	0,297
CHR11	1E+07	CHR11:10422939	SSF x Near_LoA	-6,433	-0,031	0,293
CHR11	1E+07	CHR11:10422940	SSF x Near_LoA	-7,315	-0,061	0,287
CHR11	1043264	CHR11:1043264	SSF x Near_LoA	-7,639	-0,032	0,296
CHR11	1043447	CHR11:1043447	SSF x Near_LoA	-9,076	0,082	0,280
CHR11	1043481	CHR11:1043481	SSF x Near_LoA	-7,235	0,066	0,283
CHR11	1E+07	CHR11:10437129	SSF x Near_LoA	-8,534	-0,082	0,287
CHR11	1E+07	CHR11:10437210	SSF x Near_LoA	-7,874	-0,060	0,304
CHR11	1E+07	CHR11:10467230	SSF x Near_LoA	-7,595	0,115	0,280
CHR11	1E+07	CHR11:10467238	SSF x Near_LoA	-5,388	0,091	0,290
CHR11	1E+07	CHR11:10467270	SSF x Near_LoA	-5,880	0,112	0,286
CHR11	1E+07	CHR11:10467398	SSF x Near_LoA	-9,621	0,009	0,287
CHR11	1E+07	CHR11:10471868	SSF x Near_LoA	-9,818	-0,005	0,284
CHR11	1E+07	CHR11:10474872	SSF x Near_LoA	-7,795	-0,044	0,289
CHR11	1E+07	CHR11:10491059	SSF x Near_LoA	-8,042	-0,059	0,273
CHR11	1E+07	CHR11:10491169	SSF x Near_LoA	-7,358	-0,043	0,290
CHR11	10523699	CHR11:10523699	SSF x Near_LoA	-7,643	-0,044	0,271
CHR11	10523826	CHR11:10523826	SSF x Near_LoA	-7,997	-0,097	0,285
CHR11	10523831	CHR11:10523831	SSF x Near_LoA	-9,709	-0,004	0,292

CHR11	10523850	CHR11:1052385(	SSF x Near_LoA	-8,320	-0,107	0,283
CHR11	10523853	CHR11:1052385:	SSF x Near_LoA	-8,119	-0,010	0,263
CHR11	10523990	CHR11:1052399(	SSF x Near_LoA	-8,095	0,096	0,293
CHR11	10533815	CHR11:1053381:	SSF x Near_LoA	-8,551	0,099	0,287
CHR11	10533915	CHR11:1053391:	SSF x Near_LoA	-8,091	-0,022	0,288
CHR11	10551482	CHR11:1055148:	SSF x Near_LoA	-8,283	0,129	0,267
CHR11	10552111	CHR11:1055211(	SSF x Near_LoA	-9,041	-0,100	0,281
CHR11	10552112	CHR11:1055211:	SSF x Near_LoA	-8,763	0,086	0,286
CHR11	1058470	CHR11:1058470	SSF x Near_LoA	-7,007	0,061	0,298
CHR11	1058526	CHR11:1058526	SSF x Near_LoA	-7,836	-0,063	0,291
CHR11	1058551	CHR11:1058551	SSF x Near_LoA	-5,372	-0,131	0,291
CHR11	1058635	CHR11:1058635	SSF x Near_LoA	-8,402	0,082	0,287
CHR11	1058680	CHR11:1058680	SSF x Near_LoA	-10,155	-0,015	0,284
CHR11	1058719	CHR11:1058719	SSF x Near_LoA	-6,264	0,065	0,282
CHR11	1059847	CHR11:1059847	SSF x Near_LoA	-5,643	-0,088	0,289
CHR11	10601733	CHR11:1060173:	SSF x Near_LoA	-6,479	-0,021	0,285
CHR11	10611640	CHR11:1061164(	SSF x Near_LoA	-8,856	0,044	0,279
CHR11	10611713	CHR11:1061171:	SSF x Near_LoA	-9,673	-0,011	0,260
CHR11	10611899	CHR11:1061189(	SSF x Near_LoA	-5,716	0,051	0,294
CHR11	10622402	CHR11:1062240:	SSF x Near_LoA	-9,909	-0,036	0,287
CHR11	10622538	CHR11:1062253(	SSF x Near_LoA	-7,434	-0,066	0,299
CHR11	10622649	CHR11:1062264(	SSF x Near_LoA	-10,481	0,060	0,294
CHR11	10643382	CHR11:1064338:	SSF x Near_LoA	-5,361	0,081	0,277
CHR11	10643449	CHR11:1064344(	SSF x Near_LoA	-6,459	0,022	0,304
CHR11	10643450	CHR11:1064345(	SSF x Near_LoA	-9,311	0,056	0,296
CHR11	10643451	CHR11:1064345:	SSF x Near_LoA	-9,398	0,042	0,288
CHR11	10643474	CHR11:1064347(	SSF x Near_LoA	-5,714	-0,127	0,280
CHR11	10643550	CHR11:1064355(	SSF x Near_LoA	-9,195	-0,100	0,283
CHR11	10663640	CHR11:1066364(	SSF x Near_LoA	-7,945	0,053	0,285
CHR11	10663708	CHR11:1066370(	SSF x Near_LoA	-5,616	0,051	0,300
CHR11	10663719	CHR11:1066371(	SSF x Near_LoA	-8,641	-0,013	0,304
CHR11	10663723	CHR11:1066372:	SSF x Near_LoA	-7,010	-0,122	0,263
CHR11	10663725	CHR11:1066372:	SSF x Near_LoA	-6,988	0,051	0,297
CHR11	10687847	CHR11:1068784:	SSF x Near_LoA	-8,124	0,129	0,309
CHR11	10688131	CHR11:1068813:	SSF x Near_LoA	-7,604	-0,031	0,282
CHR11	10688140	CHR11:1068814(	SSF x Near_LoA	-7,338	-0,030	0,278
CHR11	10688153	CHR11:1068815:	SSF x Near_LoA	-8,822	-0,060	0,266
CHR11	10688195	CHR11:1068819:	SSF x Near_LoA	-9,244	0,082	0,289
CHR11	10688206	CHR11:1068820(	SSF x Near_LoA	-10,769	0,006	0,261
CHR11	10688263	CHR11:1068826:	SSF x Near_LoA	-9,364	-0,092	0,287
CHR11	10704698	CHR11:1070469(	SSF x Near_LoA	-9,963	-0,064	0,295
CHR11	10704702	CHR11:1070470:	SSF x Near_LoA	-8,081	-0,149	0,281
CHR11	10704724	CHR11:1070472(	SSF x Near_LoA	-9,418	-0,069	0,283
CHR11	10710776	CHR11:1071077(	SSF x Near_LoA	-7,344	0,076	0,290
CHR11	10711110	CHR11:1071111(	SSF x Near_LoA	-6,423	0,125	0,275
CHR11	10711121	CHR11:1071112:	SSF x Near_LoA	-5,875	-0,161	0,279
CHR11	10711129	CHR11:1071112(	SSF x Near_LoA	-2,073	-0,303	0,250
CHR11	10752894	CHR11:1075289(	SSF x Near_LoA	-4,880	0,205	0,272
CHR11	10753084	CHR11:1075308(	SSF x Near_LoA	-7,426	-0,009	0,299
CHR11	1076353	CHR11:1076353	SSF x Near_LoA	-9,097	0,071	0,288
CHR11	10768894	CHR11:1076889(	SSF x Near_LoA	-9,170	-0,081	0,285
CHR11	10769159	CHR11:1076915(	SSF x Near_LoA	-5,957	-0,110	0,285
CHR11	10771141	CHR11:1077114:	SSF x Near_LoA	-7,801	0,064	0,277

CHR11	10771146	CHR11:10771146	SSF x Near_LoA	-7,825	0,009	0,289
CHR11	10771151	CHR11:10771151	SSF x Near_LoA	-4,470	-0,116	0,296
CHR11	10771152	CHR11:10771152	SSF x Near_LoA	-5,268	0,008	0,287
CHR11	10771182	CHR11:10771182	SSF x Near_LoA	-8,396	0,028	0,280
CHR11	1077376	CHR11:1077376	SSF x Near_LoA	-9,090	0,112	0,285
CHR11	1077384	CHR11:1077384	SSF x Near_LoA	-2,347	0,216	0,273
CHR11	1077399	CHR11:1077399	SSF x Near_LoA	-1,899	0,133	0,290
CHR11	1077451	CHR11:1077451	SSF x Near_LoA	-8,793	0,096	0,266
CHR11	1077561	CHR11:1077561	SSF x Near_LoA	-8,137	-0,012	0,305
CHR11	10776541	CHR11:10776541	SSF x Near_LoA	-5,945	0,080	0,309
CHR11	10776691	CHR11:10776691	SSF x Near_LoA	-8,480	-0,043	0,275
CHR11	10807377	CHR11:10807377	SSF x Near_LoA	-7,202	0,038	0,286
CHR11	10807423	CHR11:10807423	SSF x Near_LoA	-9,052	-0,049	0,289
CHR11	10822237	CHR11:10822237	SSF x Near_LoA	-9,428	0,049	0,286
CHR11	10822305	CHR11:10822305	SSF x Near_LoA	-10,616	-0,056	0,290
CHR11	10824716	CHR11:10824716	SSF x Near_LoA	-9,825	-0,030	0,293
CHR11	10824953	CHR11:10824953	SSF x Near_LoA	-8,794	0,036	0,294
CHR11	10825154	CHR11:10825154	SSF x Near_LoA	-8,040	0,025	0,299
CHR11	1082831	CHR11:1082831	SSF x Near_LoA	-8,831	-0,161	0,277
CHR11	1082887	CHR11:1082887	SSF x Near_LoA	-6,968	0,032	0,282
CHR11	1082901	CHR11:1082901	SSF x Near_LoA	-8,553	-0,144	0,285
CHR11	10833459	CHR11:10833459	SSF x Near_LoA	-7,944	-0,023	0,283
CHR11	10833499	CHR11:10833499	SSF x Near_LoA	-6,585	-0,133	0,280
CHR11	10875787	CHR11:10875787	SSF x Near_LoA	-10,162	-0,063	0,276
CHR11	10875821	CHR11:10875821	SSF x Near_LoA	-9,360	-0,087	0,282
CHR11	10875850	CHR11:10875850	SSF x Near_LoA	-5,805	0,150	0,283
CHR11	10875891	CHR11:10875891	SSF x Near_LoA	-8,422	0,067	0,286
CHR11	10875943	CHR11:10875943	SSF x Near_LoA	-11,177	0,045	0,272
CHR11	10875948	CHR11:10875948	SSF x Near_LoA	-9,551	-0,077	0,283
CHR11	10879666	CHR11:10879666	SSF x Near_LoA	-10,534	-0,013	0,288
CHR11	10886762	CHR11:10886762	SSF x Near_LoA	-8,554	0,035	0,277
CHR11	10886819	CHR11:10886819	SSF x Near_LoA	-5,229	-0,239	0,265
CHR11	10886845	CHR11:10886845	SSF x Near_LoA	-2,366	0,073	0,286
CHR11	10886849	CHR11:10886849	SSF x Near_LoA	-7,124	0,061	0,284
CHR11	10886851	CHR11:10886851	SSF x Near_LoA	-7,054	0,059	0,288
CHR11	10886855	CHR11:10886855	SSF x Near_LoA	-6,435	0,085	0,288
CHR11	10886857	CHR11:10886857	SSF x Near_LoA	-7,191	0,064	0,279
CHR11	10886878	CHR11:10886878	SSF x Near_LoA	-8,981	0,016	0,284
CHR11	10886881	CHR11:10886881	SSF x Near_LoA	-7,870	0,099	0,291
CHR11	10886884	CHR11:10886884	SSF x Near_LoA	-8,239	0,062	0,288
CHR11	10886887	CHR11:10886887	SSF x Near_LoA	-7,695	0,088	0,280
CHR11	10886888	CHR11:10886888	SSF x Near_LoA	-7,257	0,083	0,291
CHR11	10886894	CHR11:10886894	SSF x Near_LoA	-6,044	0,214	0,279
CHR11	10886900	CHR11:10886900	SSF x Near_LoA	-7,034	0,058	0,283
CHR11	10904234	CHR11:10904234	SSF x Near_LoA	-5,442	0,200	0,271
CHR11	10904286	CHR11:10904286	SSF x Near_LoA	-8,997	0,065	0,291
CHR11	10904288	CHR11:10904288	SSF x Near_LoA	-4,124	-0,044	0,288
CHR11	10904292	CHR11:10904292	SSF x Near_LoA	-6,901	-0,041	0,292
CHR11	10904322	CHR11:10904322	SSF x Near_LoA	-10,416	-0,075	0,283
CHR11	10904332	CHR11:10904332	SSF x Near_LoA	-8,790	0,108	0,265
CHR11	10904336	CHR11:10904336	SSF x Near_LoA	-7,194	-0,047	0,303
CHR11	10904370	CHR11:10904370	SSF x Near_LoA	-6,254	-0,106	0,303
CHR11	10904373	CHR11:10904373	SSF x Near_LoA	-7,550	-0,143	0,293

CHR11	10906471	CHR11:10906471	SSF x Near_LoA	-10,232	0,105	0,269
CHR11	10906614	CHR11:10906614	SSF x Near_LoA	-11,064	-0,027	0,272
CHR11	10906648	CHR11:10906648	SSF x Near_LoA	-9,270	0,075	0,274
CHR11	10906694	CHR11:10906694	SSF x Near_LoA	-9,286	-0,005	0,291
CHR11	10906703	CHR11:10906703	SSF x Near_LoA	-6,271	-0,066	0,301
CHR11	10913556	CHR11:10913556	SSF x Near_LoA	1,149	-0,171	0,284
CHR11	10913567	CHR11:10913567	SSF x Near_LoA	-8,627	-0,061	0,289
CHR11	10916501	CHR11:10916501	SSF x Near_LoA	-1,381	0,118	0,285
CHR11	10916517	CHR11:10916517	SSF x Near_LoA	-7,578	0,069	0,297
CHR11	10916578	CHR11:10916578	SSF x Near_LoA	-4,778	0,143	0,278
CHR11	10916589	CHR11:10916589	SSF x Near_LoA	-5,396	0,115	0,266
CHR11	10917879	CHR11:10917879	SSF x Near_LoA	-6,074	-0,038	0,308
CHR11	10917912	CHR11:10917912	SSF x Near_LoA	-6,647	-0,082	0,285
CHR11	10919127	CHR11:10919127	SSF x Near_LoA	-9,395	0,025	0,288
CHR11	10919129	CHR11:10919129	SSF x Near_LoA	-7,050	-0,036	0,273
CHR11	10924135	CHR11:10924135	SSF x Near_LoA	-6,069	0,143	0,280
CHR11	10924241	CHR11:10924241	SSF x Near_LoA	-8,251	0,204	0,265
CHR11	10924316	CHR11:10924316	SSF x Near_LoA	-5,121	0,093	0,279
CHR11	10927465	CHR11:10927465	SSF x Near_LoA	-11,409	-0,019	0,275
CHR11	10927672	CHR11:10927672	SSF x Near_LoA	-7,101	0,105	0,295
CHR11	10927673	CHR11:10927673	SSF x Near_LoA	-10,611	0,067	0,285
CHR11	10930214	CHR11:10930214	SSF x Near_LoA	-5,646	0,173	0,275
CHR11	10935123	CHR11:10935123	SSF x Near_LoA	-6,903	-0,124	0,288
CHR11	10947642	CHR11:10947642	SSF x Near_LoA	-6,626	0,154	0,276
CHR11	10948970	CHR11:10948970	SSF x Near_LoA	-9,325	-0,045	0,294
CHR11	10950535	CHR11:10950535	SSF x Near_LoA	-7,452	0,193	0,278
CHR11	10950537	CHR11:10950537	SSF x Near_LoA	-1,910	0,136	0,293
CHR11	10950626	CHR11:10950626	SSF x Near_LoA	-7,332	-0,157	0,270
CHR11	10958540	CHR11:10958540	SSF x Near_LoA	-7,183	-0,115	0,281
CHR11	10960587	CHR11:10960587	SSF x Near_LoA	-6,945	-0,157	0,286
CHR11	10960607	CHR11:10960607	SSF x Near_LoA	-9,795	0,058	0,277
CHR11	10960631	CHR11:10960631	SSF x Near_LoA	3,027	-0,229	0,269
CHR11	10960633	CHR11:10960633	SSF x Near_LoA	-3,541	-0,256	0,247
CHR11	10969830	CHR11:10969830	SSF x Near_LoA	-5,787	-0,203	0,275
CHR11	10979452	CHR11:10979452	SSF x Near_LoA	-2,209	-0,150	0,283
CHR11	10979555	CHR11:10979555	SSF x Near_LoA	-6,723	0,008	0,293
CHR11	10989083	CHR11:10989083	SSF x Near_LoA	-9,659	0,076	0,270
CHR11	10989094	CHR11:10989094	SSF x Near_LoA	-8,824	-0,003	0,268
CHR11	10991734	CHR11:10991734	SSF x Near_LoA	-9,114	-0,046	0,276
CHR11	10991746	CHR11:10991746	SSF x Near_LoA	-7,611	-0,008	0,286
CHR11	10991794	CHR11:10991794	SSF x Near_LoA	-9,778	0,032	0,285
CHR11	10991805	CHR11:10991805	SSF x Near_LoA	-10,077	-0,006	0,292
CHR11	10991859	CHR11:10991859	SSF x Near_LoA	2,539	0,281	0,265
CHR11	10994873	CHR11:10994873	SSF x Near_LoA	-6,721	0,013	0,300
CHR11	11007661	CHR11:11007661	SSF x Near_LoA	-4,742	0,216	0,268
CHR11	11007663	CHR11:11007663	SSF x Near_LoA	-3,200	0,209	0,269
CHR11	11007682	CHR11:11007682	SSF x Near_LoA	-3,450	0,178	0,279
CHR11	11007756	CHR11:11007756	SSF x Near_LoA	0,193	0,202	0,281
CHR11	11007758	CHR11:11007758	SSF x Near_LoA	-9,487	-0,024	0,282
CHR11	11007851	CHR11:11007851	SSF x Near_LoA	-6,101	0,106	0,298
CHR11	11007866	CHR11:11007866	SSF x Near_LoA	-8,450	0,044	0,278
CHR11	11047625	CHR11:11047625	SSF x Near_LoA	-8,918	0,155	0,272
CHR11	11048687	CHR11:11048687	SSF x Near_LoA	-6,277	0,156	0,294

CHR11	11050803	CHR11:1105080	SSF x Near_LoA	-6,867	0,058	0,285
CHR11	11050809	CHR11:1105080	SSF x Near_LoA	-8,032	-0,098	0,288
CHR11	11050882	CHR11:1105088	SSF x Near_LoA	-8,075	-0,004	0,297
CHR11	1107329	CHR11:1107329	SSF x Near_LoA	-9,291	0,053	0,278
CHR11	1107437	CHR11:1107437	SSF x Near_LoA	-7,533	-0,137	0,280
CHR11	11076516	CHR11:1107651	SSF x Near_LoA	-5,124	-0,205	0,262
CHR11	11079621	CHR11:1107962	SSF x Near_LoA	-4,467	0,011	0,293
CHR11	11079852	CHR11:1107985	SSF x Near_LoA	-8,310	-0,004	0,271
CHR11	11122145	CHR11:1112214	SSF x Near_LoA	-7,360	-0,114	0,283
CHR11	11146539	CHR11:1114653	SSF x Near_LoA	-7,031	0,094	0,276
CHR11	11146610	CHR11:1114661	SSF x Near_LoA	-11,080	0,005	0,283
CHR11	11146766	CHR11:1114676	SSF x Near_LoA	-7,299	0,081	0,286
CHR11	11155367	CHR11:1115536	SSF x Near_LoA	-8,167	0,072	0,295
CHR11	11155482	CHR11:1115548	SSF x Near_LoA	-2,682	0,054	0,283
CHR11	11155529	CHR11:1115552	SSF x Near_LoA	-8,151	0,131	0,269
CHR11	11155637	CHR11:1115563	SSF x Near_LoA	3,034	-0,261	0,266
CHR11	11162184	CHR11:1116218	SSF x Near_LoA	-8,766	0,018	0,283
CHR11	11162208	CHR11:1116220	SSF x Near_LoA	-7,818	0,088	0,278
CHR11	11162316	CHR11:1116231	SSF x Near_LoA	-1,410	-0,052	0,298
CHR11	11162399	CHR11:1116239	SSF x Near_LoA	-7,422	0,061	0,284
CHR11	1116524	CHR11:1116524	SSF x Near_LoA	-5,413	-0,194	0,275
CHR11	11167334	CHR11:1116733	SSF x Near_LoA	-8,487	0,024	0,282
CHR11	1116744	CHR11:1116744	SSF x Near_LoA	-8,476	0,000	0,291
CHR11	1116764	CHR11:1116764	SSF x Near_LoA	-8,956	-0,083	0,300
CHR11	11182985	CHR11:1118298	SSF x Near_LoA	-10,858	-0,007	0,291
CHR11	11191093	CHR11:1119109	SSF x Near_LoA	-2,585	0,047	0,302
CHR11	11191128	CHR11:1119112	SSF x Near_LoA	-7,321	0,011	0,285
CHR11	11191135	CHR11:1119113	SSF x Near_LoA	-8,155	-0,074	0,288
CHR11	11191144	CHR11:1119114	SSF x Near_LoA	-7,372	-0,063	0,304
CHR11	11191153	CHR11:1119115	SSF x Near_LoA	-10,498	-0,058	0,293
CHR11	11191260	CHR11:1119126	SSF x Near_LoA	-9,235	0,057	0,294
CHR11	11191316	CHR11:1119131	SSF x Near_LoA	-9,481	-0,019	0,295
CHR11	11196576	CHR11:1119657	SSF x Near_LoA	-8,676	-0,080	0,283
CHR11	11199742	CHR11:1119974	SSF x Near_LoA	-1,266	0,242	0,279
CHR11	11199813	CHR11:1119981	SSF x Near_LoA	-2,615	0,272	0,262
CHR11	11200060	CHR11:1120006	SSF x Near_LoA	-3,081	0,164	0,282
CHR11	11200197	CHR11:1120019	SSF x Near_LoA	-9,168	0,037	0,295
CHR11	11230154	CHR11:1123015	SSF x Near_LoA	-6,963	-0,076	0,289
CHR11	11232980	CHR11:1123298	SSF x Near_LoA	-9,325	0,081	0,271
CHR11	11233080	CHR11:1123308	SSF x Near_LoA	-3,672	0,010	0,289
CHR11	11251018	CHR11:1125101	SSF x Near_LoA	-7,165	-0,030	0,293
CHR11	11251085	CHR11:1125108	SSF x Near_LoA	-6,305	-0,106	0,283
CHR11	11296606	CHR11:1129660	SSF x Near_LoA	-10,747	-0,019	0,275
CHR11	11296627	CHR11:1129662	SSF x Near_LoA	-9,184	0,055	0,290
CHR11	11296635	CHR11:1129663	SSF x Near_LoA	-7,740	0,020	0,283
CHR11	11296708	CHR11:1129670	SSF x Near_LoA	-9,083	0,058	0,269
CHR11	11307814	CHR11:1130781	SSF x Near_LoA	-3,630	0,177	0,277
CHR11	11307822	CHR11:1130782	SSF x Near_LoA	-9,442	0,081	0,288
CHR11	11312198	CHR11:1131219	SSF x Near_LoA	-8,024	-0,061	0,295
CHR11	11312445	CHR11:1131244	SSF x Near_LoA	-5,698	0,232	0,271
CHR11	11316460	CHR11:1131646	SSF x Near_LoA	-6,767	-0,136	0,276
CHR11	11316485	CHR11:1131648	SSF x Near_LoA	-7,395	0,023	0,298
CHR11	1131765	CHR11:1131765	SSF x Near_LoA	-8,266	-0,066	0,289

CHR11	1131844	CHR11:1131844	SSF x Near_LoA	-7,126	-0,003	0,298
CHR11	1131868	CHR11:1131868	SSF x Near_LoA	-8,523	-0,080	0,285
CHR11	1131880	CHR11:1131880	SSF x Near_LoA	-7,263	0,123	0,295
CHR11	1131989	CHR11:1131989	SSF x Near_LoA	-9,367	-0,112	0,300
CHR11	11322973	CHR11:1132297	SSF x Near_LoA	-7,812	-0,167	0,289
CHR11	11323074	CHR11:1132307	SSF x Near_LoA	-7,977	-0,007	0,288
CHR11	11323082	CHR11:1132308	SSF x Near_LoA	-7,025	-0,146	0,276
CHR11	11323139	CHR11:1132313	SSF x Near_LoA	-7,958	-0,090	0,297
CHR11	11323199	CHR11:1132319	SSF x Near_LoA	-7,492	-0,039	0,267
CHR11	11323218	CHR11:1132321	SSF x Near_LoA	-8,245	0,075	0,302
CHR11	11323272	CHR11:1132327	SSF x Near_LoA	-10,475	0,045	0,279
CHR11	11323274	CHR11:1132327	SSF x Near_LoA	-10,170	0,073	0,293
CHR11	11339080	CHR11:1133908	SSF x Near_LoA	0,307	0,166	0,279
CHR11	11370317	CHR11:1137031	SSF x Near_LoA	-9,285	-0,142	0,272
CHR11	11370427	CHR11:1137042	SSF x Near_LoA	-5,994	0,151	0,287
CHR11	1139420	CHR11:1139420	SSF x Near_LoA	-7,511	-0,120	0,284
CHR11	1139625	CHR11:1139625	SSF x Near_LoA	-9,250	0,063	0,297
CHR11	1139709	CHR11:1139709	SSF x Near_LoA	-10,193	0,062	0,275
CHR11	1139752	CHR11:1139752	SSF x Near_LoA	-11,430	0,067	0,279
CHR11	11428103	CHR11:1142810	SSF x Near_LoA	-8,958	-0,066	0,282
CHR11	11428128	CHR11:1142812	SSF x Near_LoA	-8,888	-0,023	0,291
CHR11	11428148	CHR11:1142814	SSF x Near_LoA	-9,167	-0,049	0,283
CHR11	11428153	CHR11:1142815	SSF x Near_LoA	-8,982	-0,025	0,285
CHR11	11428195	CHR11:1142819	SSF x Near_LoA	-4,041	0,154	0,272
CHR11	11429099	CHR11:1142909	SSF x Near_LoA	-6,924	-0,109	0,281
CHR11	11429133	CHR11:1142913	SSF x Near_LoA	-9,637	-0,051	0,290
CHR11	11429142	CHR11:1142914	SSF x Near_LoA	-8,308	-0,089	0,299
CHR11	11429171	CHR11:1142917	SSF x Near_LoA	-9,759	-0,006	0,293
CHR11	11429172	CHR11:1142917	SSF x Near_LoA	-8,904	-0,012	0,304
CHR11	11429203	CHR11:1142920	SSF x Near_LoA	-8,773	0,014	0,292
CHR11	11432495	CHR11:1143249	SSF x Near_LoA	-8,887	0,024	0,303
CHR11	11432590	CHR11:1143259	SSF x Near_LoA	-6,248	0,109	0,276
CHR11	11432591	CHR11:1143259	SSF x Near_LoA	-5,939	0,105	0,286
CHR11	11432674	CHR11:1143267	SSF x Near_LoA	-8,949	-0,023	0,287
CHR11	11432742	CHR11:1143274	SSF x Near_LoA	-7,076	0,079	0,288
CHR11	11436563	CHR11:1143656	SSF x Near_LoA	-9,584	0,006	0,292
CHR11	11436641	CHR11:1143664	SSF x Near_LoA	-8,831	0,080	0,276
CHR11	11439841	CHR11:1143984	SSF x Near_LoA	-7,329	0,146	0,269
CHR11	11440074	CHR11:1144007	SSF x Near_LoA	-9,187	0,016	0,290
CHR11	11451843	CHR11:1145184	SSF x Near_LoA	-9,715	0,068	0,290
CHR11	11451875	CHR11:1145187	SSF x Near_LoA	-9,535	0,066	0,285
CHR11	11467562	CHR11:1146756	SSF x Near_LoA	-8,751	0,098	0,275
CHR11	11467581	CHR11:1146758	SSF x Near_LoA	-7,937	0,074	0,294
CHR11	11467711	CHR11:1146771	SSF x Near_LoA	-7,049	0,078	0,276
CHR11	11467715	CHR11:1146771	SSF x Near_LoA	-3,757	0,172	0,287
CHR11	11467830	CHR11:1146783	SSF x Near_LoA	-5,534	-0,231	0,275
CHR11	11467916	CHR11:1146791	SSF x Near_LoA	-9,560	0,031	0,281
CHR11	11483500	CHR11:1148350	SSF x Near_LoA	-7,279	-0,102	0,282
CHR11	11495422	CHR11:1149542	SSF x Near_LoA	-9,145	-0,106	0,289
CHR11	11495443	CHR11:1149544	SSF x Near_LoA	-7,219	-0,020	0,299
CHR11	11508674	CHR11:1150867	SSF x Near_LoA	-6,432	0,064	0,291
CHR11	11519594	CHR11:1151959	SSF x Near_LoA	-7,991	-0,068	0,279
CHR11	11519650	CHR11:1151965	SSF x Near_LoA	-7,455	-0,019	0,270

CHR11	11519660	CHR11:1151966(	SSF x Near_LoA	-8,578	0,070	0,287
CHR11	11532619	CHR11:1153261(	SSF x Near_LoA	-8,214	-0,061	0,283
CHR11	11537669	CHR11:1153766(	SSF x Near_LoA	-10,450	-0,071	0,289
CHR11	11554455	CHR11:1155445(	SSF x Near_LoA	-4,768	-0,060	0,295
CHR11	11554509	CHR11:1155450(	SSF x Near_LoA	-8,052	-0,126	0,298
CHR11	11574164	CHR11:1157416(	SSF x Near_LoA	-9,069	0,062	0,271
CHR11	11574166	CHR11:1157416(	SSF x Near_LoA	-8,284	0,047	0,288
CHR11	11575748	CHR11:1157574(	SSF x Near_LoA	-7,976	-0,003	0,281
CHR11	1159066	CHR11:1159066	SSF x Near_LoA	-9,949	-0,004	0,301
CHR11	1159155	CHR11:1159155	SSF x Near_LoA	-7,639	0,114	0,295
CHR11	1159207	CHR11:1159207	SSF x Near_LoA	-4,072	-0,165	0,286
CHR11	1159276	CHR11:1159276	SSF x Near_LoA	-7,897	-0,051	0,292
CHR11	1159340	CHR11:1159340	SSF x Near_LoA	-9,679	0,086	0,287
CHR11	1159355	CHR11:1159355	SSF x Near_LoA	-10,025	0,058	0,285
CHR11	1160418	CHR11:1160418	SSF x Near_LoA	-7,590	0,006	0,297
CHR11	1160521	CHR11:1160521	SSF x Near_LoA	-6,821	0,116	0,281
CHR11	1160595	CHR11:1160595	SSF x Near_LoA	0,461	0,331	0,248
CHR11	1164058	CHR11:1164058	SSF x Near_LoA	-8,404	0,082	0,281
CHR11	1164153	CHR11:1164153	SSF x Near_LoA	-10,504	0,016	0,281
CHR11	1164945	CHR11:1164945	SSF x Near_LoA	-8,922	-0,055	0,291
CHR11	1165067	CHR11:1165067	SSF x Near_LoA	-8,360	-0,070	0,289
CHR11	1165081	CHR11:1165081	SSF x Near_LoA	-4,458	-0,238	0,258
CHR11	1165098	CHR11:1165098	SSF x Near_LoA	-7,578	-0,166	0,267
CHR11	1165113	CHR11:1165113	SSF x Near_LoA	-3,965	-0,199	0,269
CHR11	11665435	CHR11:1166543(	SSF x Near_LoA	-7,641	0,014	0,286
CHR11	11665442	CHR11:1166544(	SSF x Near_LoA	-8,098	0,009	0,286
CHR11	11665445	CHR11:1166544(	SSF x Near_LoA	-8,554	0,005	0,293
CHR11	11665525	CHR11:1166552(	SSF x Near_LoA	-9,443	-0,061	0,291
CHR11	11665556	CHR11:1166555(	SSF x Near_LoA	-7,695	-0,058	0,285
CHR11	11665605	CHR11:1166560(	SSF x Near_LoA	-7,061	0,023	0,285
CHR11	11675918	CHR11:1167591(	SSF x Near_LoA	-7,640	0,082	0,275
CHR11	11676042	CHR11:1167604(	SSF x Near_LoA	-5,628	-0,125	0,287
CHR11	11676060	CHR11:1167606(	SSF x Near_LoA	-8,479	0,099	0,275
CHR11	11676113	CHR11:1167611(	SSF x Near_LoA	-9,210	-0,106	0,277
CHR11	11692887	CHR11:1169288(	SSF x Near_LoA	-10,553	0,055	0,289
CHR11	117041	CHR11:117041	SSF x Near_LoA	-9,191	0,024	0,295
CHR11	11704664	CHR11:1170466(	SSF x Near_LoA	-8,965	-0,094	0,289
CHR11	11704816	CHR11:1170481(	SSF x Near_LoA	-8,073	0,009	0,279
CHR11	11707333	CHR11:1170733(	SSF x Near_LoA	-9,843	-0,196	0,264
CHR11	11732589	CHR11:1173258(	SSF x Near_LoA	-6,886	-0,093	0,285
CHR11	11732667	CHR11:1173266(	SSF x Near_LoA	-7,019	0,157	0,268
CHR11	11732715	CHR11:1173271(	SSF x Near_LoA	-8,804	-0,094	0,293
CHR11	11732746	CHR11:1173274(	SSF x Near_LoA	-5,057	-0,162	0,286
CHR11	11732788	CHR11:1173278(	SSF x Near_LoA	-2,648	-0,256	0,270
CHR11	11732830	CHR11:1173283(	SSF x Near_LoA	-9,115	0,104	0,287
CHR11	11732831	CHR11:1173283(	SSF x Near_LoA	-8,640	-0,090	0,288
CHR11	11732860	CHR11:1173286(	SSF x Near_LoA	-8,525	0,162	0,279
CHR11	11736508	CHR11:1173650(	SSF x Near_LoA	-7,091	-0,133	0,272
CHR11	11736763	CHR11:1173676(	SSF x Near_LoA	-8,119	0,014	0,279
CHR11	11736808	CHR11:1173680(	SSF x Near_LoA	-8,250	-0,044	0,288
CHR11	11736975	CHR11:1173697(	SSF x Near_LoA	-8,622	0,085	0,290
CHR11	11757538	CHR11:1175753(	SSF x Near_LoA	-7,281	0,047	0,272
CHR11	11759814	CHR11:1175981(	SSF x Near_LoA	-9,928	0,004	0,289

CHR11	11759845	CHR11:11759845	SSF x Near_LoA	-9,138	-0,004	0,299
CHR11	11759849	CHR11:11759849	SSF x Near_LoA	-9,838	0,006	0,292
CHR11	11759887	CHR11:11759887	SSF x Near_LoA	-10,134	-0,016	0,282
CHR11	1176424	CHR11:1176424	SSF x Near_LoA	-7,478	-0,062	0,299
CHR11	1176474	CHR11:1176474	SSF x Near_LoA	-8,364	-0,018	0,283
CHR11	1176477	CHR11:1176477	SSF x Near_LoA	-5,620	-0,117	0,282
CHR11	11772099	CHR11:11772099	SSF x Near_LoA	-8,716	0,123	0,290
CHR11	11773998	CHR11:11773998	SSF x Near_LoA	-10,376	-0,036	0,270
CHR11	11774000	CHR11:11774000	SSF x Near_LoA	-10,668	-0,061	0,270
CHR11	11774118	CHR11:11774118	SSF x Near_LoA	-7,241	-0,085	0,292
CHR11	11774158	CHR11:11774158	SSF x Near_LoA	-9,870	0,026	0,291
CHR11	11777225	CHR11:11777225	SSF x Near_LoA	-6,891	-0,016	0,286
CHR11	11777257	CHR11:11777257	SSF x Near_LoA	-8,236	0,114	0,266
CHR11	11780151	CHR11:11780151	SSF x Near_LoA	-6,502	0,142	0,284
CHR11	11780334	CHR11:11780334	SSF x Near_LoA	-3,641	0,206	0,268
CHR11	11780398	CHR11:11780398	SSF x Near_LoA	-8,029	-0,015	0,286
CHR11	1178464	CHR11:1178464	SSF x Near_LoA	-9,688	-0,076	0,285
CHR11	1178514	CHR11:1178514	SSF x Near_LoA	-4,226	-0,049	0,285
CHR11	1178516	CHR11:1178516	SSF x Near_LoA	-9,454	-0,047	0,286
CHR11	11810371	CHR11:11810371	SSF x Near_LoA	-8,769	-0,034	0,288
CHR11	11824344	CHR11:11824344	SSF x Near_LoA	-9,987	-0,055	0,289
CHR11	11836003	CHR11:11836003	SSF x Near_LoA	-9,210	0,088	0,289
CHR11	11837118	CHR11:11837118	SSF x Near_LoA	-6,475	0,073	0,285
CHR11	11837159	CHR11:11837159	SSF x Near_LoA	-8,172	-0,024	0,290
CHR11	11837173	CHR11:11837173	SSF x Near_LoA	-9,400	0,013	0,306
CHR11	11857344	CHR11:11857344	SSF x Near_LoA	-9,737	-0,060	0,289
CHR11	11857355	CHR11:11857355	SSF x Near_LoA	-7,146	-0,021	0,298
CHR11	11857356	CHR11:11857356	SSF x Near_LoA	-5,433	-0,021	0,279
CHR11	11857473	CHR11:11857473	SSF x Near_LoA	-7,887	0,089	0,283
CHR11	11857689	CHR11:11857689	SSF x Near_LoA	-4,279	-0,110	0,277
CHR11	11857757	CHR11:11857757	SSF x Near_LoA	-10,942	-0,004	0,268
CHR11	11862558	CHR11:11862558	SSF x Near_LoA	-4,267	-0,028	0,295
CHR11	11880643	CHR11:11880643	SSF x Near_LoA	-10,428	0,044	0,287
CHR11	11887217	CHR11:11887217	SSF x Near_LoA	-6,966	-0,124	0,271
CHR11	11890036	CHR11:11890036	SSF x Near_LoA	-7,692	-0,114	0,287
CHR11	11908318	CHR11:11908318	SSF x Near_LoA	-8,858	-0,035	0,290
CHR11	11909413	CHR11:11909413	SSF x Near_LoA	-9,801	-0,064	0,281
CHR11	11909487	CHR11:11909487	SSF x Near_LoA	-2,740	0,131	0,303
CHR11	11909551	CHR11:11909551	SSF x Near_LoA	-7,015	-0,096	0,296
CHR11	11913626	CHR11:11913626	SSF x Near_LoA	-9,363	0,045	0,289
CHR11	11913642	CHR11:11913642	SSF x Near_LoA	-8,485	-0,031	0,287
CHR11	11920780	CHR11:11920780	SSF x Near_LoA	-8,075	0,165	0,283
CHR11	11931560	CHR11:11931560	SSF x Near_LoA	-5,858	0,065	0,287
CHR11	11931649	CHR11:11931649	SSF x Near_LoA	-8,217	0,039	0,274
CHR11	11933883	CHR11:11933883	SSF x Near_LoA	-6,124	0,057	0,286
CHR11	11937438	CHR11:11937438	SSF x Near_LoA	-8,116	-0,070	0,284
CHR11	11937526	CHR11:11937526	SSF x Near_LoA	-9,719	0,046	0,292
CHR11	11937549	CHR11:11937549	SSF x Near_LoA	-10,104	0,080	0,288
CHR11	11937560	CHR11:11937560	SSF x Near_LoA	-6,865	-0,126	0,286
CHR11	11937571	CHR11:11937571	SSF x Near_LoA	-10,296	0,043	0,296
CHR11	11937663	CHR11:11937663	SSF x Near_LoA	-10,346	0,052	0,289
CHR11	11937676	CHR11:11937676	SSF x Near_LoA	-10,354	0,042	0,278
CHR11	11937718	CHR11:11937718	SSF x Near_LoA	-7,463	0,042	0,295

CHR11	11949975	CHR11:11949975	SSF x Near_LoA	-9,089	-0,095	0,276
CHR11	11955193	CHR11:11955193	SSF x Near_LoA	-8,235	0,158	0,264
CHR11	1197278	CHR11:1197278	SSF x Near_LoA	-7,250	0,058	0,285
CHR11	11973090	CHR11:11973090	SSF x Near_LoA	-11,052	-0,024	0,289
CHR11	11973169	CHR11:11973169	SSF x Near_LoA	-9,147	-0,080	0,275
CHR11	11973176	CHR11:11973176	SSF x Near_LoA	-7,234	-0,017	0,297
CHR11	11973191	CHR11:11973191	SSF x Near_LoA	-4,200	0,195	0,277
CHR11	11973202	CHR11:11973202	SSF x Near_LoA	-8,283	-0,060	0,283
CHR11	11973237	CHR11:11973237	SSF x Near_LoA	-9,995	0,038	0,292
CHR11	1197549	CHR11:1197549	SSF x Near_LoA	-5,938	-0,204	0,266
CHR11	11987212	CHR11:11987212	SSF x Near_LoA	-5,200	-0,140	0,302
CHR11	11990763	CHR11:11990763	SSF x Near_LoA	-7,517	-0,097	0,273
CHR11	11990816	CHR11:11990816	SSF x Near_LoA	-4,633	-0,181	0,280
CHR11	11991064	CHR11:11991064	SSF x Near_LoA	-8,721	-0,154	0,286
CHR11	11993799	CHR11:11993799	SSF x Near_LoA	-5,249	0,101	0,282
CHR11	11993846	CHR11:11993846	SSF x Near_LoA	-8,047	-0,032	0,303
CHR11	11993970	CHR11:11993970	SSF x Near_LoA	-9,085	0,075	0,284
CHR11	11994104	CHR11:11994104	SSF x Near_LoA	-8,206	-0,053	0,283
CHR11	12001648	CHR11:12001648	SSF x Near_LoA	0,177	-0,276	0,270
CHR11	12006786	CHR11:12006786	SSF x Near_LoA	-6,089	0,092	0,278
CHR11	12006950	CHR11:12006950	SSF x Near_LoA	-3,928	-0,019	0,291
CHR11	12006959	CHR11:12006959	SSF x Near_LoA	-7,977	-0,029	0,278
CHR11	12006976	CHR11:12006976	SSF x Near_LoA	-9,837	-0,013	0,276
CHR11	12006980	CHR11:12006980	SSF x Near_LoA	-7,627	-0,012	0,288
CHR11	12017620	CHR11:12017620	SSF x Near_LoA	-6,425	-0,171	0,295
CHR11	12017682	CHR11:12017682	SSF x Near_LoA	-4,751	-0,145	0,276
CHR11	12017684	CHR11:12017684	SSF x Near_LoA	-9,062	-0,056	0,294
CHR11	12017745	CHR11:12017745	SSF x Near_LoA	-7,159	0,031	0,295
CHR11	12017781	CHR11:12017781	SSF x Near_LoA	-7,248	-0,074	0,278
CHR11	12017841	CHR11:12017841	SSF x Near_LoA	-6,808	0,085	0,284
CHR11	12054541	CHR11:12054541	SSF x Near_LoA	-6,038	0,027	0,303
CHR11	12054751	CHR11:12054751	SSF x Near_LoA	-9,759	-0,104	0,290
CHR11	12073796	CHR11:12073796	SSF x Near_LoA	-10,192	0,029	0,290
CHR11	12074059	CHR11:12074059	SSF x Near_LoA	-9,672	-0,053	0,298
CHR11	12074857	CHR11:12074857	SSF x Near_LoA	-7,987	0,077	0,287
CHR11	12074921	CHR11:12074921	SSF x Near_LoA	-8,424	0,084	0,294
CHR11	1207975	CHR11:1207975	SSF x Near_LoA	-8,375	0,085	0,294
CHR11	1208146	CHR11:1208146	SSF x Near_LoA	-5,817	-0,122	0,277
CHR11	12108251	CHR11:12108251	SSF x Near_LoA	-7,396	0,138	0,284
CHR11	12121933	CHR11:12121933	SSF x Near_LoA	-7,083	0,002	0,292
CHR11	12121990	CHR11:12121990	SSF x Near_LoA	-10,374	0,017	0,302
CHR11	12140107	CHR11:12140107	SSF x Near_LoA	-9,063	-0,099	0,285
CHR11	1214786	CHR11:1214786	SSF x Near_LoA	-9,617	0,018	0,285
CHR11	1214808	CHR11:1214808	SSF x Near_LoA	-10,103	0,046	0,290
CHR11	1214878	CHR11:1214878	SSF x Near_LoA	-9,075	-0,098	0,281
CHR11	1214930	CHR11:1214930	SSF x Near_LoA	-7,242	0,116	0,280
CHR11	12150184	CHR11:12150184	SSF x Near_LoA	-2,952	-0,206	0,269
CHR11	12163724	CHR11:12163724	SSF x Near_LoA	-7,896	-0,028	0,283
CHR11	12163824	CHR11:12163824	SSF x Near_LoA	-5,699	0,097	0,283
CHR11	12172663	CHR11:12172663	SSF x Near_LoA	-10,770	0,061	0,286
CHR11	12172954	CHR11:12172954	SSF x Near_LoA	-8,987	-0,075	0,292
CHR11	12175537	CHR11:12175537	SSF x Near_LoA	-7,445	-0,100	0,295
CHR11	12175539	CHR11:12175539	SSF x Near_LoA	-9,699	-0,081	0,284

CHR11	12175540	CHR11:1217554(	SSF x Near_LoA	-8,715	-0,102	0,285
CHR11	12185726	CHR11:1218572(	SSF x Near_LoA	-8,056	-0,080	0,280
CHR11	12186050	CHR11:1218605(	SSF x Near_LoA	-8,617	-0,140	0,277
CHR11	12193807	CHR11:1219380(	SSF x Near_LoA	-9,216	-0,014	0,270
CHR11	12193938	CHR11:1219393(	SSF x Near_LoA	-5,464	-0,142	0,285
CHR11	12200458	CHR11:1220045(	SSF x Near_LoA	-9,809	-0,080	0,288
CHR11	12200540	CHR11:1220054(	SSF x Near_LoA	-6,708	0,039	0,281
CHR11	12208738	CHR11:1220873(	SSF x Near_LoA	-8,201	0,035	0,281
CHR11	12208769	CHR11:1220876(	SSF x Near_LoA	-8,423	0,016	0,275
CHR11	12208775	CHR11:1220877(	SSF x Near_LoA	-6,557	0,056	0,291
CHR11	12223248	CHR11:1222324(	SSF x Near_LoA	-10,517	0,030	0,289
CHR11	12224885	CHR11:1222488(	SSF x Near_LoA	-9,067	0,032	0,289
CHR11	12224923	CHR11:1222492(	SSF x Near_LoA	-9,782	0,048	0,286
CHR11	12228638	CHR11:1222863(	SSF x Near_LoA	-8,942	-0,051	0,271
CHR11	12228677	CHR11:1222867(	SSF x Near_LoA	-9,237	-0,114	0,287
CHR11	12263204	CHR11:1226320(	SSF x Near_LoA	-5,044	0,155	0,283
CHR11	12263235	CHR11:1226323(	SSF x Near_LoA	-7,165	0,104	0,290
CHR11	12263248	CHR11:1226324(	SSF x Near_LoA	-6,699	0,135	0,281
CHR11	12263352	CHR11:1226335(	SSF x Near_LoA	-7,762	0,129	0,291
CHR11	12263360	CHR11:1226336(	SSF x Near_LoA	-10,829	0,044	0,282
CHR11	12263361	CHR11:1226336(	SSF x Near_LoA	-10,948	0,021	0,270
CHR11	12263366	CHR11:1226336(	SSF x Near_LoA	-9,527	0,099	0,280
CHR11	12263466	CHR11:1226346(	SSF x Near_LoA	-6,908	0,023	0,294
CHR11	12269365	CHR11:1226936(	SSF x Near_LoA	-10,686	-0,063	0,290
CHR11	12269395	CHR11:1226939(	SSF x Near_LoA	-9,552	0,117	0,292
CHR11	12269406	CHR11:1226940(	SSF x Near_LoA	-9,458	0,036	0,298
CHR11	12269623	CHR11:1226962(	SSF x Near_LoA	-8,580	-0,075	0,299
CHR11	12277151	CHR11:1227715(	SSF x Near_LoA	-8,777	-0,028	0,298
CHR11	12277152	CHR11:1227715(	SSF x Near_LoA	-8,225	-0,047	0,294
CHR11	12277380	CHR11:1227738(	SSF x Near_LoA	-7,891	0,044	0,292
CHR11	12277389	CHR11:1227738(	SSF x Near_LoA	-8,688	-0,034	0,296
CHR11	12288426	CHR11:1228842(	SSF x Near_LoA	-7,514	-0,028	0,281
CHR11	12290973	CHR11:1229097(	SSF x Near_LoA	-7,006	0,118	0,291
CHR11	12290985	CHR11:1229098(	SSF x Near_LoA	-8,588	0,002	0,280
CHR11	12300039	CHR11:1230003(	SSF x Near_LoA	-9,254	0,070	0,284
CHR11	12300127	CHR11:1230012(	SSF x Near_LoA	-3,673	0,089	0,277
CHR11	12300317	CHR11:1230031(	SSF x Near_LoA	-9,086	0,127	0,276
CHR11	12303160	CHR11:1230316(	SSF x Near_LoA	-9,594	0,053	0,280
CHR11	12303166	CHR11:1230316(	SSF x Near_LoA	-9,043	0,058	0,298
CHR11	12322758	CHR11:1232275(	SSF x Near_LoA	-8,370	-0,049	0,300
CHR11	12324079	CHR11:1232407(	SSF x Near_LoA	-10,290	0,040	0,283
CHR11	12324153	CHR11:1232415(	SSF x Near_LoA	-9,444	-0,001	0,290
CHR11	12333319	CHR11:1233331(	SSF x Near_LoA	-8,115	0,013	0,296
CHR11	12333498	CHR11:1233349(	SSF x Near_LoA	-6,453	0,072	0,309
CHR11	12335459	CHR11:1233545(	SSF x Near_LoA	-7,541	0,024	0,271
CHR11	12335474	CHR11:1233547(	SSF x Near_LoA	-7,856	0,010	0,283
CHR11	12335489	CHR11:1233548(	SSF x Near_LoA	-6,068	0,020	0,272
CHR11	12335532	CHR11:1233553(	SSF x Near_LoA	-6,861	0,088	0,259
CHR11	12335537	CHR11:1233553(	SSF x Near_LoA	-6,054	0,050	0,267
CHR11	12335538	CHR11:1233553(	SSF x Near_LoA	-7,695	0,067	0,260
CHR11	12335550	CHR11:1233555(	SSF x Near_LoA	-3,987	0,083	0,263
CHR11	12337032	CHR11:1233703(	SSF x Near_LoA	-8,026	-0,126	0,280
CHR11	12337084	CHR11:1233708(	SSF x Near_LoA	4,634	-0,025	0,286

CHR11	12337187	CHR11:12337187	SSF x Near_LoA	-10,044	0,096	0,283
CHR11	12337201	CHR11:12337201	SSF x Near_LoA	-7,694	0,062	0,287
CHR11	12356613	CHR11:12356613	SSF x Near_LoA	-7,500	0,125	0,257
CHR11	12356673	CHR11:12356673	SSF x Near_LoA	-9,157	0,062	0,281
CHR11	12427148	CHR11:12427148	SSF x Near_LoA	-7,435	0,121	0,282
CHR11	12427165	CHR11:12427165	SSF x Near_LoA	-6,427	0,117	0,299
CHR11	12427208	CHR11:12427208	SSF x Near_LoA	9,515	0,185	0,283
CHR11	12433655	CHR11:12433655	SSF x Near_LoA	-7,914	0,103	0,275
CHR11	12443482	CHR11:12443482	SSF x Near_LoA	-3,459	0,183	0,259
CHR11	12462057	CHR11:12462057	SSF x Near_LoA	-6,686	0,046	0,283
CHR11	12482144	CHR11:12482144	SSF x Near_LoA	-9,925	-0,022	0,291
CHR11	12521810	CHR11:12521810	SSF x Near_LoA	-6,342	-0,071	0,293
CHR11	12532344	CHR11:12532344	SSF x Near_LoA	-7,774	0,125	0,287
CHR11	12532349	CHR11:12532349	SSF x Near_LoA	-7,648	-0,032	0,289
CHR11	12532374	CHR11:12532374	SSF x Near_LoA	-8,599	-0,070	0,291
CHR11	12532402	CHR11:12532402	SSF x Near_LoA	-8,223	-0,015	0,297
CHR11	12533409	CHR11:12533409	SSF x Near_LoA	-8,722	-0,035	0,278
CHR11	12533422	CHR11:12533422	SSF x Near_LoA	-5,930	-0,148	0,284
CHR11	12546573	CHR11:12546573	SSF x Near_LoA	-5,943	-0,036	0,287
CHR11	12546766	CHR11:12546766	SSF x Near_LoA	-7,532	0,072	0,285
CHR11	12553853	CHR11:12553853	SSF x Near_LoA	-8,372	-0,074	0,297
CHR11	12553881	CHR11:12553881	SSF x Near_LoA	-10,041	0,071	0,291
CHR11	12554115	CHR11:12554115	SSF x Near_LoA	-8,262	0,003	0,292
CHR11	12554910	CHR11:12554910	SSF x Near_LoA	-9,486	0,047	0,270
CHR11	12554966	CHR11:12554966	SSF x Near_LoA	-8,899	-0,014	0,301
CHR11	12555000	CHR11:12555000	SSF x Near_LoA	-8,788	-0,030	0,278
CHR11	12569726	CHR11:12569726	SSF x Near_LoA	-8,725	0,059	0,294
CHR11	12580330	CHR11:12580330	SSF x Near_LoA	-8,176	-0,024	0,283
CHR11	12580580	CHR11:12580580	SSF x Near_LoA	-7,605	0,129	0,282
CHR11	12580637	CHR11:12580637	SSF x Near_LoA	-4,970	0,116	0,269
CHR11	12586463	CHR11:12586463	SSF x Near_LoA	-9,332	-0,069	0,275
CHR11	12586465	CHR11:12586465	SSF x Near_LoA	-10,109	-0,073	0,277
CHR11	12587472	CHR11:12587472	SSF x Near_LoA	-10,152	0,052	0,292
CHR11	12587485	CHR11:12587485	SSF x Near_LoA	-8,005	-0,024	0,274
CHR11	12587598	CHR11:12587598	SSF x Near_LoA	-1,758	0,037	0,310
CHR11	12589497	CHR11:12589497	SSF x Near_LoA	-9,177	0,040	0,296
CHR11	12597003	CHR11:12597003	SSF x Near_LoA	-3,417	-0,172	0,270
CHR11	12597005	CHR11:12597005	SSF x Near_LoA	-7,967	-0,079	0,293
CHR11	12597027	CHR11:12597027	SSF x Near_LoA	-1,012	0,194	0,271
CHR11	12597058	CHR11:12597058	SSF x Near_LoA	-8,695	-0,098	0,284
CHR11	12597131	CHR11:12597131	SSF x Near_LoA	-8,319	-0,093	0,288
CHR11	1264708	CHR11:1264708	SSF x Near_LoA	-7,543	-0,160	0,291
CHR11	12649596	CHR11:12649596	SSF x Near_LoA	-6,018	-0,210	0,272
CHR11	12649666	CHR11:12649666	SSF x Near_LoA	-6,040	0,129	0,287
CHR11	12657758	CHR11:12657758	SSF x Near_LoA	-0,543	0,253	0,269
CHR11	12662470	CHR11:12662470	SSF x Near_LoA	-7,464	0,037	0,292
CHR11	12678636	CHR11:12678636	SSF x Near_LoA	-8,232	-0,055	0,288
CHR11	12693040	CHR11:12693040	SSF x Near_LoA	-9,091	-0,009	0,289
CHR11	12695617	CHR11:12695617	SSF x Near_LoA	-8,000	-0,031	0,287
CHR11	12696460	CHR11:12696460	SSF x Near_LoA	-6,943	-0,034	0,294
CHR11	12732292	CHR11:12732292	SSF x Near_LoA	-7,310	-0,061	0,274
CHR11	12733817	CHR11:12733817	SSF x Near_LoA	-7,880	0,003	0,284
CHR11	12733838	CHR11:12733838	SSF x Near_LoA	-11,188	0,007	0,259

CHR11	12733892	CHR11:12733892	SSF x Near_LoA	-8,274	0,092	0,283
CHR11	12734157	CHR11:12734157	SSF x Near_LoA	-8,062	0,128	0,279
CHR11	12738811	CHR11:12738811	SSF x Near_LoA	-7,768	-0,063	0,290
CHR11	12738873	CHR11:12738873	SSF x Near_LoA	-5,731	-0,142	0,280
CHR11	12739014	CHR11:12739014	SSF x Near_LoA	-7,279	0,067	0,280
CHR11	12739017	CHR11:12739017	SSF x Near_LoA	-8,253	0,071	0,278
CHR11	12745688	CHR11:12745688	SSF x Near_LoA	-7,833	-0,095	0,292
CHR11	12745720	CHR11:12745720	SSF x Near_LoA	-10,392	-0,006	0,282
CHR11	12757051	CHR11:12757051	SSF x Near_LoA	-6,499	-0,077	0,303
CHR11	12757058	CHR11:12757058	SSF x Near_LoA	-7,614	0,096	0,277
CHR11	12757175	CHR11:12757175	SSF x Near_LoA	-8,545	-0,083	0,282
CHR11	12761299	CHR11:12761299	SSF x Near_LoA	-8,452	-0,098	0,280
CHR11	12771492	CHR11:12771492	SSF x Near_LoA	-8,579	0,089	0,271
CHR11	12775727	CHR11:12775727	SSF x Near_LoA	-7,290	0,052	0,290
CHR11	12775766	CHR11:12775766	SSF x Near_LoA	-5,904	0,043	0,287
CHR11	12775774	CHR11:12775774	SSF x Near_LoA	-7,566	0,029	0,284
CHR11	12776900	CHR11:12776900	SSF x Near_LoA	-9,861	0,023	0,270
CHR11	12776948	CHR11:12776948	SSF x Near_LoA	-8,435	0,049	0,275
CHR11	12776952	CHR11:12776952	SSF x Near_LoA	-8,631	0,075	0,279
CHR11	12794813	CHR11:12794813	SSF x Near_LoA	-7,279	0,042	0,289
CHR11	12798707	CHR11:12798707	SSF x Near_LoA	-6,757	-0,068	0,276
CHR11	12798786	CHR11:12798786	SSF x Near_LoA	-7,556	0,060	0,288
CHR11	12798872	CHR11:12798872	SSF x Near_LoA	-7,948	0,067	0,287
CHR11	12798955	CHR11:12798955	SSF x Near_LoA	-7,778	-0,016	0,293
CHR11	12803486	CHR11:12803486	SSF x Near_LoA	-8,982	-0,114	0,277
CHR11	12808654	CHR11:12808654	SSF x Near_LoA	-9,362	0,006	0,297
CHR11	12821356	CHR11:12821356	SSF x Near_LoA	-5,301	0,141	0,290
CHR11	12821432	CHR11:12821432	SSF x Near_LoA	-7,430	-0,003	0,274
CHR11	12821435	CHR11:12821435	SSF x Near_LoA	-3,652	-0,108	0,287
CHR11	12821437	CHR11:12821437	SSF x Near_LoA	-8,332	-0,037	0,283
CHR11	12833508	CHR11:12833508	SSF x Near_LoA	-9,953	0,011	0,300
CHR11	1283997	CHR11:1283997	SSF x Near_LoA	-7,471	-0,051	0,290
CHR11	12841923	CHR11:12841923	SSF x Near_LoA	-6,171	0,200	0,280
CHR11	12841985	CHR11:12841985	SSF x Near_LoA	-0,036	0,115	0,281
CHR11	12841988	CHR11:12841988	SSF x Near_LoA	-9,043	0,085	0,285
CHR11	12842009	CHR11:12842009	SSF x Near_LoA	-8,690	-0,048	0,279
CHR11	12873570	CHR11:12873570	SSF x Near_LoA	-8,283	-0,006	0,281
CHR11	12878753	CHR11:12878753	SSF x Near_LoA	-5,284	-0,001	0,298
CHR11	12878791	CHR11:12878791	SSF x Near_LoA	-4,337	-0,155	0,293
CHR11	12878801	CHR11:12878801	SSF x Near_LoA	-5,426	0,076	0,304
CHR11	12897813	CHR11:12897813	SSF x Near_LoA	-9,671	-0,082	0,293
CHR11	12897818	CHR11:12897818	SSF x Near_LoA	-6,772	-0,110	0,292
CHR11	12897839	CHR11:12897839	SSF x Near_LoA	-7,259	-0,073	0,283
CHR11	12897876	CHR11:12897876	SSF x Near_LoA	-9,701	0,067	0,291
CHR11	12897993	CHR11:12897993	SSF x Near_LoA	-7,879	0,128	0,276
CHR11	12912433	CHR11:12912433	SSF x Near_LoA	0,376	-0,153	0,293
CHR11	12912471	CHR11:12912471	SSF x Near_LoA	-9,421	0,080	0,290
CHR11	12937486	CHR11:12937486	SSF x Near_LoA	-1,644	0,083	0,296
CHR11	12954815	CHR11:12954815	SSF x Near_LoA	-7,638	-0,124	0,285
CHR11	12954824	CHR11:12954824	SSF x Near_LoA	-3,566	-0,148	0,281
CHR11	12956160	CHR11:12956160	SSF x Near_LoA	-7,302	0,137	0,276
CHR11	12958763	CHR11:12958763	SSF x Near_LoA	-8,566	-0,097	0,289
CHR11	12977628	CHR11:12977628	SSF x Near_LoA	-10,422	0,024	0,277

CHR11	12983254	CHR11:12983254	SSF x Near_LoA	-7,762	-0,080	0,277
CHR11	12983346	CHR11:12983346	SSF x Near_LoA	-9,316	0,036	0,283
CHR11	12986550	CHR11:12986550	SSF x Near_LoA	-9,238	0,135	0,273
CHR11	12987731	CHR11:12987731	SSF x Near_LoA	-7,846	-0,112	0,296
CHR11	12987778	CHR11:12987778	SSF x Near_LoA	-6,660	-0,120	0,273
CHR11	12987840	CHR11:12987840	SSF x Near_LoA	-6,350	-0,122	0,292
CHR11	12994437	CHR11:12994437	SSF x Near_LoA	-8,899	0,058	0,268
CHR11	12994495	CHR11:12994495	SSF x Near_LoA	-9,151	-0,082	0,279
CHR11	12994533	CHR11:12994533	SSF x Near_LoA	-6,921	0,006	0,304
CHR11	12996142	CHR11:12996142	SSF x Near_LoA	-3,426	-0,156	0,288
CHR11	12996147	CHR11:12996147	SSF x Near_LoA	-6,378	0,148	0,285
CHR11	12996223	CHR11:12996223	SSF x Near_LoA	-9,514	-0,047	0,303
CHR11	12996272	CHR11:12996272	SSF x Near_LoA	-8,910	0,118	0,283
CHR11	13009915	CHR11:13009915	SSF x Near_LoA	-4,353	-0,203	0,260
CHR11	13009968	CHR11:13009968	SSF x Near_LoA	-0,390	0,320	0,247
CHR11	13010044	CHR11:13010044	SSF x Near_LoA	-10,522	0,003	0,262
CHR11	13010049	CHR11:13010049	SSF x Near_LoA	-5,569	-0,221	0,268
CHR11	13010202	CHR11:13010202	SSF x Near_LoA	-7,987	0,053	0,283
CHR11	13036020	CHR11:13036020	SSF x Near_LoA	-8,247	-0,018	0,290
CHR11	13036028	CHR11:13036028	SSF x Near_LoA	-8,174	-0,001	0,294
CHR11	13056965	CHR11:13056965	SSF x Near_LoA	-8,004	-0,141	0,292
CHR11	13057046	CHR11:13057046	SSF x Near_LoA	-8,760	0,003	0,281
CHR11	13057212	CHR11:13057212	SSF x Near_LoA	-7,622	0,098	0,263
CHR11	13067240	CHR11:13067240	SSF x Near_LoA	-7,571	0,111	0,289
CHR11	13074118	CHR11:13074118	SSF x Near_LoA	-3,944	-0,013	0,296
CHR11	13074178	CHR11:13074178	SSF x Near_LoA	-9,828	0,030	0,308
CHR11	13082467	CHR11:13082467	SSF x Near_LoA	-8,256	0,167	0,280
CHR11	13085700	CHR11:13085700	SSF x Near_LoA	-8,953	0,115	0,284
CHR11	13089425	CHR11:13089425	SSF x Near_LoA	-6,618	0,009	0,300
CHR11	13090456	CHR11:13090456	SSF x Near_LoA	-10,807	-0,049	0,273
CHR11	13093914	CHR11:13093914	SSF x Near_LoA	-7,533	-0,139	0,270
CHR11	13094070	CHR11:13094070	SSF x Near_LoA	-9,880	-0,035	0,269
CHR11	13094080	CHR11:13094080	SSF x Near_LoA	-8,926	0,104	0,281
CHR11	13094124	CHR11:13094124	SSF x Near_LoA	-9,994	-0,016	0,297
CHR11	13097976	CHR11:13097976	SSF x Near_LoA	-3,476	-0,108	0,268
CHR11	13100351	CHR11:13100351	SSF x Near_LoA	-7,798	0,166	0,269
CHR11	13102724	CHR11:13102724	SSF x Near_LoA	-9,922	0,014	0,274
CHR11	13102725	CHR11:13102725	SSF x Near_LoA	-8,047	0,007	0,290
CHR11	13102752	CHR11:13102752	SSF x Near_LoA	-9,366	0,044	0,290
CHR11	13102754	CHR11:13102754	SSF x Near_LoA	-7,005	0,013	0,290
CHR11	13119941	CHR11:13119941	SSF x Near_LoA	-7,923	0,095	0,279
CHR11	13135014	CHR11:13135014	SSF x Near_LoA	-7,234	-0,057	0,290
CHR11	13135045	CHR11:13135045	SSF x Near_LoA	-8,762	-0,152	0,276
CHR11	13135086	CHR11:13135086	SSF x Near_LoA	-10,368	-0,056	0,293
CHR11	13135097	CHR11:13135097	SSF x Near_LoA	-8,365	0,028	0,298
CHR11	13135226	CHR11:13135226	SSF x Near_LoA	-5,894	-0,066	0,295
CHR11	13149872	CHR11:13149872	SSF x Near_LoA	-5,503	0,094	0,274
CHR11	13173217	CHR11:13173217	SSF x Near_LoA	-6,171	-0,191	0,271
CHR11	13173401	CHR11:13173401	SSF x Near_LoA	-7,607	-0,089	0,290
CHR11	13173445	CHR11:13173445	SSF x Near_LoA	-8,159	-0,033	0,287
CHR11	13193061	CHR11:13193061	SSF x Near_LoA	-5,035	0,117	0,287
CHR11	13201829	CHR11:13201829	SSF x Near_LoA	-6,668	0,153	0,280
CHR11	13240564	CHR11:13240564	SSF x Near_LoA	-8,782	0,039	0,290

CHR11	13240645	CHR11:13240645	SSF x Near_LoA	-2,990	0,210	0,279
CHR11	13240685	CHR11:13240685	SSF x Near_LoA	5,476	0,228	0,283
CHR11	13240691	CHR11:13240691	SSF x Near_LoA	-4,226	0,234	0,264
CHR11	13240732	CHR11:13240732	SSF x Near_LoA	-2,927	-0,126	0,292
CHR11	13240752	CHR11:13240752	SSF x Near_LoA	-6,367	0,173	0,280
CHR11	13249660	CHR11:13249660	SSF x Near_LoA	-8,092	0,027	0,304
CHR11	13249729	CHR11:13249729	SSF x Near_LoA	-7,706	0,043	0,293
CHR11	13269633	CHR11:13269633	SSF x Near_LoA	-8,014	0,095	0,289
CHR11	13269662	CHR11:13269662	SSF x Near_LoA	-9,364	0,039	0,291
CHR11	13269664	CHR11:13269664	SSF x Near_LoA	-9,123	0,129	0,273
CHR11	13274602	CHR11:13274602	SSF x Near_LoA	-7,315	0,130	0,289
CHR11	13274669	CHR11:13274669	SSF x Near_LoA	-8,577	0,051	0,290
CHR11	13274702	CHR11:13274702	SSF x Near_LoA	-9,125	0,073	0,286
CHR11	13274763	CHR11:13274763	SSF x Near_LoA	-6,735	0,137	0,287
CHR11	13274783	CHR11:13274783	SSF x Near_LoA	-8,175	0,029	0,279
CHR11	13283128	CHR11:13283128	SSF x Near_LoA	-8,269	-0,109	0,274
CHR11	13283224	CHR11:13283224	SSF x Near_LoA	-8,133	0,010	0,299
CHR11	13283280	CHR11:13283280	SSF x Near_LoA	-8,589	0,026	0,294
CHR11	13283287	CHR11:13283287	SSF x Near_LoA	-6,400	-0,019	0,277
CHR11	13283350	CHR11:13283350	SSF x Near_LoA	-7,578	-0,045	0,306
CHR11	13283370	CHR11:13283370	SSF x Near_LoA	-7,514	0,021	0,287
CHR11	13283371	CHR11:13283371	SSF x Near_LoA	-7,799	-0,043	0,296
CHR11	13283416	CHR11:13283416	SSF x Near_LoA	-6,001	0,012	0,281
CHR11	13284641	CHR11:13284641	SSF x Near_LoA	-4,313	0,205	0,274
CHR11	13303221	CHR11:13303221	SSF x Near_LoA	-8,848	-0,103	0,291
CHR11	13312581	CHR11:13312581	SSF x Near_LoA	-9,026	-0,052	0,281
CHR11	13312620	CHR11:13312620	SSF x Near_LoA	-9,287	-0,025	0,294
CHR11	13319998	CHR11:13319998	SSF x Near_LoA	-6,223	0,047	0,296
CHR11	13320041	CHR11:13320041	SSF x Near_LoA	-7,039	0,065	0,288
CHR11	13320043	CHR11:13320043	SSF x Near_LoA	-4,681	0,159	0,290
CHR11	13320075	CHR11:13320075	SSF x Near_LoA	-10,158	-0,027	0,285
CHR11	13320076	CHR11:13320076	SSF x Near_LoA	-9,180	-0,075	0,292
CHR11	13320153	CHR11:13320153	SSF x Near_LoA	-10,278	-0,043	0,261
CHR11	13327776	CHR11:13327776	SSF x Near_LoA	-9,078	-0,018	0,285
CHR11	13327924	CHR11:13327924	SSF x Near_LoA	-7,658	0,048	0,301
CHR11	13331180	CHR11:13331180	SSF x Near_LoA	-7,867	-0,128	0,280
CHR11	13331231	CHR11:13331231	SSF x Near_LoA	4,846	0,007	0,279
CHR11	13366251	CHR11:13366251	SSF x Near_LoA	-10,110	0,043	0,288
CHR11	13366356	CHR11:13366356	SSF x Near_LoA	-7,993	0,011	0,288
CHR11	13366358	CHR11:13366358	SSF x Near_LoA	-8,053	0,026	0,280
CHR11	13370103	CHR11:13370103	SSF x Near_LoA	-10,400	0,048	0,289
CHR11	13370128	CHR11:13370128	SSF x Near_LoA	-7,719	-0,113	0,291
CHR11	13370143	CHR11:13370143	SSF x Near_LoA	-8,354	0,014	0,288
CHR11	13379689	CHR11:13379689	SSF x Near_LoA	-7,962	-0,130	0,280
CHR11	13379777	CHR11:13379777	SSF x Near_LoA	-6,484	-0,190	0,269
CHR11	13384379	CHR11:13384379	SSF x Near_LoA	-8,229	-0,018	0,274
CHR11	13384407	CHR11:13384407	SSF x Near_LoA	-7,142	0,109	0,277
CHR11	13384487	CHR11:13384487	SSF x Near_LoA	-8,268	0,036	0,272
CHR11	13384607	CHR11:13384607	SSF x Near_LoA	-7,466	0,058	0,298
CHR11	13384609	CHR11:13384609	SSF x Near_LoA	-9,339	-0,070	0,291
CHR11	13388545	CHR11:13388545	SSF x Near_LoA	-10,120	0,030	0,271
CHR11	13390495	CHR11:13390495	SSF x Near_LoA	-7,628	0,006	0,293
CHR11	1340922	CHR11:1340922	SSF x Near_LoA	-6,714	0,141	0,289

CHR11	1340953	CHR11:1340953	SSF x Near_LoA	-5,854	0,122	0,281
CHR11	1341059	CHR11:1341059	SSF x Near_LoA	-10,502	0,132	0,267
CHR11	13410887	CHR11:13410887	SSF x Near_LoA	-8,977	0,124	0,280
CHR11	13410888	CHR11:13410888	SSF x Near_LoA	-5,267	-0,132	0,275
CHR11	13411121	CHR11:13411121	SSF x Near_LoA	-8,902	0,035	0,284
CHR11	13411190	CHR11:13411190	SSF x Near_LoA	-7,749	0,056	0,292
CHR11	1341153	CHR11:1341153	SSF x Near_LoA	-9,603	0,075	0,290
CHR11	1341196	CHR11:1341196	SSF x Near_LoA	-10,633	-0,035	0,289
CHR11	1341238	CHR11:1341238	SSF x Near_LoA	-5,373	0,150	0,276
CHR11	1341301	CHR11:1341301	SSF x Near_LoA	-9,932	-0,035	0,288
CHR11	1341302	CHR11:1341302	SSF x Near_LoA	-9,826	-0,088	0,281
CHR11	1341303	CHR11:1341303	SSF x Near_LoA	-9,871	-0,075	0,293
CHR11	1341309	CHR11:1341309	SSF x Near_LoA	-8,630	-0,083	0,301
CHR11	1341423	CHR11:1341423	SSF x Near_LoA	-9,360	0,026	0,302
CHR11	13422938	CHR11:13422938	SSF x Near_LoA	-8,444	0,019	0,288
CHR11	13422973	CHR11:13422973	SSF x Near_LoA	-2,671	0,157	0,283
CHR11	13422999	CHR11:13422999	SSF x Near_LoA	-9,056	-0,046	0,301
CHR11	13455643	CHR11:13455643	SSF x Near_LoA	-7,324	-0,107	0,277
CHR11	13471714	CHR11:13471714	SSF x Near_LoA	-1,037	-0,171	0,276
CHR11	13471834	CHR11:13471834	SSF x Near_LoA	-1,728	-0,229	0,266
CHR11	1348639	CHR11:1348639	SSF x Near_LoA	-4,029	-0,198	0,282
CHR11	13487173	CHR11:13487173	SSF x Near_LoA	-6,230	0,025	0,277
CHR11	1348721	CHR11:1348721	SSF x Near_LoA	-4,450	0,187	0,269
CHR11	13487224	CHR11:13487224	SSF x Near_LoA	-7,798	-0,017	0,298
CHR11	1348725	CHR11:1348725	SSF x Near_LoA	-9,246	0,047	0,269
CHR11	1348884	CHR11:1348884	SSF x Near_LoA	-9,321	-0,156	0,284
CHR11	13491404	CHR11:13491404	SSF x Near_LoA	-8,939	0,045	0,296
CHR11	13491442	CHR11:13491442	SSF x Near_LoA	-7,987	0,095	0,266
CHR11	13491520	CHR11:13491520	SSF x Near_LoA	-6,999	-0,160	0,285
CHR11	13498189	CHR11:13498189	SSF x Near_LoA	-5,553	0,098	0,291
CHR11	13522998	CHR11:13522998	SSF x Near_LoA	-7,448	-0,087	0,279
CHR11	13523027	CHR11:13523027	SSF x Near_LoA	-6,721	0,094	0,291
CHR11	13524519	CHR11:13524519	SSF x Near_LoA	-9,333	-0,056	0,294
CHR11	13525732	CHR11:13525732	SSF x Near_LoA	-6,421	0,088	0,288
CHR11	13530428	CHR11:13530428	SSF x Near_LoA	-6,236	-0,126	0,293
CHR11	13530678	CHR11:13530678	SSF x Near_LoA	-7,889	-0,057	0,291
CHR11	13530733	CHR11:13530733	SSF x Near_LoA	-8,410	0,117	0,291
CHR11	13532338	CHR11:13532338	SSF x Near_LoA	-6,898	0,064	0,291
CHR11	13532373	CHR11:13532373	SSF x Near_LoA	-10,840	0,016	0,282
CHR11	13532555	CHR11:13532555	SSF x Near_LoA	-7,285	-0,003	0,275
CHR11	13532568	CHR11:13532568	SSF x Near_LoA	-6,245	-0,045	0,280
CHR11	13551658	CHR11:13551658	SSF x Near_LoA	-8,575	0,081	0,275
CHR11	13556815	CHR11:13556815	SSF x Near_LoA	-6,756	-0,055	0,289
CHR11	13557949	CHR11:13557949	SSF x Near_LoA	-6,285	-0,192	0,269
CHR11	13558206	CHR11:13558206	SSF x Near_LoA	-9,248	-0,095	0,284
CHR11	13558250	CHR11:13558250	SSF x Near_LoA	-8,263	-0,073	0,286
CHR11	13583092	CHR11:13583092	SSF x Near_LoA	-8,088	-0,104	0,288
CHR11	13583141	CHR11:13583141	SSF x Near_LoA	-7,833	0,155	0,276
CHR11	13585760	CHR11:13585760	SSF x Near_LoA	-7,883	0,074	0,274
CHR11	13585821	CHR11:13585821	SSF x Near_LoA	-9,858	-0,037	0,294
CHR11	13585839	CHR11:13585839	SSF x Near_LoA	-6,893	-0,015	0,297
CHR11	13585894	CHR11:13585894	SSF x Near_LoA	-9,051	-0,046	0,281
CHR11	13585901	CHR11:13585901	SSF x Near_LoA	-8,917	0,049	0,287

CHR11	13591850	CHR11:1359185(	SSF x Near_LoA	-6,804	0,028	0,262
CHR11	13591897	CHR11:1359189[	SSF x Near_LoA	-7,369	0,054	0,275
CHR11	13597312	CHR11:1359731[	SSF x Near_LoA	-8,759	-0,015	0,283
CHR11	13597481	CHR11:1359748[	SSF x Near_LoA	-7,891	-0,049	0,289
CHR11	13597487	CHR11:1359748[	SSF x Near_LoA	-7,817	0,056	0,287
CHR11	13620948	CHR11:1362094[	SSF x Near_LoA	-9,281	-0,143	0,272
CHR11	13621004	CHR11:1362100[	SSF x Near_LoA	-7,818	0,067	0,296
CHR11	13621033	CHR11:1362103[	SSF x Near_LoA	-8,512	0,055	0,282
CHR11	13623553	CHR11:1362355[	SSF x Near_LoA	-6,568	0,018	0,279
CHR11	13623693	CHR11:1362369[	SSF x Near_LoA	-6,838	-0,111	0,266
CHR11	13635758	CHR11:1363575[	SSF x Near_LoA	-4,717	0,153	0,273
CHR11	13635810	CHR11:1363581(	SSF x Near_LoA	-7,114	0,041	0,269
CHR11	13648532	CHR11:1364853[	SSF x Near_LoA	-6,545	-0,204	0,271
CHR11	13648575	CHR11:1364857[	SSF x Near_LoA	0,559	-0,166	0,289
CHR11	13648594	CHR11:1364859[	SSF x Near_LoA	-6,459	-0,112	0,278
CHR11	13648613	CHR11:1364861[	SSF x Near_LoA	-7,340	0,059	0,283
CHR11	13648653	CHR11:1364865[	SSF x Near_LoA	-7,154	0,105	0,290
CHR11	1365180	CHR11:1365180	SSF x Near_LoA	-2,149	0,222	0,252
CHR11	13658201	CHR11:1365820[	SSF x Near_LoA	-4,196	0,225	0,262
CHR11	13658276	CHR11:1365827(	SSF x Near_LoA	-8,475	-0,089	0,281
CHR11	13689827	CHR11:1368982[	SSF x Near_LoA	-7,014	0,010	0,299
CHR11	13690058	CHR11:1369005[	SSF x Near_LoA	-7,056	-0,129	0,279
CHR11	13714372	CHR11:1371437[	SSF x Near_LoA	-7,570	0,023	0,286
CHR11	13714379	CHR11:1371437[	SSF x Near_LoA	-8,699	-0,040	0,296
CHR11	13714465	CHR11:1371446[	SSF x Near_LoA	-9,069	-0,024	0,290
CHR11	13714564	CHR11:1371456[	SSF x Near_LoA	-9,257	0,041	0,290
CHR11	13714733	CHR11:1371473[	SSF x Near_LoA	-4,164	0,224	0,265
CHR11	1371546	CHR11:1371546	SSF x Near_LoA	-9,857	-0,014	0,290
CHR11	1371737	CHR11:1371737	SSF x Near_LoA	-8,086	0,213	0,271
CHR11	1371824	CHR11:1371824	SSF x Near_LoA	-5,999	0,134	0,293
CHR11	1371907	CHR11:1371907	SSF x Near_LoA	4,298	-0,202	0,274
CHR11	1371921	CHR11:1371921	SSF x Near_LoA	-8,055	0,046	0,296
CHR11	13719222	CHR11:1371922[	SSF x Near_LoA	-7,219	-0,187	0,264
CHR11	13719228	CHR11:1371922[	SSF x Near_LoA	-7,308	-0,170	0,273
CHR11	13727853	CHR11:1372785[	SSF x Near_LoA	-8,950	0,113	0,285
CHR11	13729637	CHR11:1372963[	SSF x Near_LoA	-9,498	0,000	0,286
CHR11	13729639	CHR11:1372963[	SSF x Near_LoA	-6,826	0,121	0,279
CHR11	13729649	CHR11:1372964[	SSF x Near_LoA	-5,112	-0,168	0,272
CHR11	13734146	CHR11:1373414(	SSF x Near_LoA	-8,609	-0,125	0,289
CHR11	13734188	CHR11:1373418[	SSF x Near_LoA	-8,261	-0,130	0,289
CHR11	13734213	CHR11:1373421[	SSF x Near_LoA	-9,804	0,008	0,291
CHR11	13735543	CHR11:1373554[	SSF x Near_LoA	-8,370	-0,065	0,293
CHR11	13735547	CHR11:1373554[	SSF x Near_LoA	-6,880	0,075	0,278
CHR11	13735566	CHR11:1373556(	SSF x Near_LoA	-6,405	-0,180	0,291
CHR11	13738278	CHR11:1373827[	SSF x Near_LoA	-8,839	-0,171	0,269
CHR11	13749982	CHR11:1374998[	SSF x Near_LoA	-8,125	0,024	0,288
CHR11	13756621	CHR11:1375662[	SSF x Near_LoA	-5,931	0,157	0,275
CHR11	13756631	CHR11:1375663[	SSF x Near_LoA	-7,217	-0,052	0,277
CHR11	13779079	CHR11:1377907[	SSF x Near_LoA	-4,952	0,192	0,274
CHR11	13795251	CHR11:1379525[	SSF x Near_LoA	-9,532	0,059	0,295
CHR11	13799596	CHR11:1379959(	SSF x Near_LoA	-9,743	0,093	0,288
CHR11	13823288	CHR11:1382328[	SSF x Near_LoA	-9,989	0,053	0,294
CHR11	13846803	CHR11:1384680[	SSF x Near_LoA	-6,985	-0,125	0,266

CHR11	13846883	CHR11:1384688	SSF x Near_LoA	-8,284	0,091	0,283
CHR11	1386271	CHR11:1386271	SSF x Near_LoA	-8,036	-0,014	0,294
CHR11	1386334	CHR11:1386334	SSF x Near_LoA	-5,870	-0,071	0,289
CHR11	13871523	CHR11:1387152	SSF x Near_LoA	-7,720	0,066	0,276
CHR11	13871524	CHR11:1387152	SSF x Near_LoA	-8,444	0,079	0,278
CHR11	13873550	CHR11:1387355	SSF x Near_LoA	-10,974	0,024	0,283
CHR11	13887726	CHR11:1388772	SSF x Near_LoA	-9,250	0,028	0,307
CHR11	13887727	CHR11:1388772	SSF x Near_LoA	-8,372	-0,081	0,276
CHR11	13887770	CHR11:1388777	SSF x Near_LoA	-9,614	-0,085	0,271
CHR11	13887922	CHR11:1388792	SSF x Near_LoA	-9,058	0,175	0,277
CHR11	13887973	CHR11:1388797	SSF x Near_LoA	-8,641	0,040	0,281
CHR11	13894874	CHR11:1389487	SSF x Near_LoA	-7,411	0,141	0,274
CHR11	13894882	CHR11:1389488	SSF x Near_LoA	-8,032	0,028	0,283
CHR11	13894893	CHR11:1389489	SSF x Near_LoA	-7,028	0,070	0,291
CHR11	13894900	CHR11:1389490	SSF x Near_LoA	-5,195	0,019	0,298
CHR11	13894924	CHR11:1389492	SSF x Near_LoA	-6,845	0,014	0,295
CHR11	13894949	CHR11:1389494	SSF x Near_LoA	-5,353	-0,123	0,306
CHR11	13894991	CHR11:1389499	SSF x Near_LoA	-3,730	0,021	0,290
CHR11	13895018	CHR11:1389501	SSF x Near_LoA	-9,946	0,033	0,301
CHR11	13895088	CHR11:1389508	SSF x Near_LoA	-6,316	-0,041	0,292
CHR11	13895102	CHR11:1389510	SSF x Near_LoA	-7,270	-0,035	0,307
CHR11	13896622	CHR11:1389662	SSF x Near_LoA	-7,795	-0,008	0,277
CHR11	13896721	CHR11:1389672	SSF x Near_LoA	-7,897	-0,014	0,296
CHR11	13897621	CHR11:1389762	SSF x Near_LoA	-5,069	0,199	0,264
CHR11	13897646	CHR11:1389764	SSF x Near_LoA	-4,376	0,205	0,280
CHR11	13897648	CHR11:1389764	SSF x Near_LoA	-3,911	0,193	0,268
CHR11	13897654	CHR11:1389765	SSF x Near_LoA	-5,957	-0,171	0,276
CHR11	13903077	CHR11:1390307	SSF x Near_LoA	-4,999	0,188	0,271
CHR11	13903159	CHR11:1390315	SSF x Near_LoA	2,718	-0,197	0,270
CHR11	13904312	CHR11:1390431	SSF x Near_LoA	-6,889	0,034	0,284
CHR11	13907013	CHR11:1390701	SSF x Near_LoA	-6,541	0,134	0,285
CHR11	13928047	CHR11:1392804	SSF x Near_LoA	-8,031	-0,018	0,291
CHR11	13928107	CHR11:1392810	SSF x Near_LoA	-7,350	-0,129	0,272
CHR11	13928110	CHR11:1392811	SSF x Near_LoA	-5,658	0,192	0,296
CHR11	13928150	CHR11:1392815	SSF x Near_LoA	-8,617	0,080	0,286
CHR11	13928183	CHR11:1392818	SSF x Near_LoA	-6,377	0,222	0,262
CHR11	13928189	CHR11:1392818	SSF x Near_LoA	-9,503	-0,109	0,283
CHR11	13928205	CHR11:1392820	SSF x Near_LoA	-5,301	-0,011	0,284
CHR11	13928209	CHR11:1392820	SSF x Near_LoA	-7,842	-0,077	0,278
CHR11	13937220	CHR11:1393722	SSF x Near_LoA	-8,003	0,012	0,288
CHR11	13937306	CHR11:1393730	SSF x Near_LoA	-8,794	0,075	0,278
CHR11	13937333	CHR11:1393733	SSF x Near_LoA	-7,968	0,032	0,297
CHR11	13937419	CHR11:1393741	SSF x Near_LoA	-8,850	-0,056	0,272
CHR11	13953660	CHR11:1395366	SSF x Near_LoA	-9,809	0,044	0,281
CHR11	13955433	CHR11:1395543	SSF x Near_LoA	-7,036	-0,167	0,266
CHR11	13955514	CHR11:1395551	SSF x Near_LoA	-8,681	0,037	0,293
CHR11	13955528	CHR11:1395552	SSF x Near_LoA	-5,035	0,139	0,291
CHR11	13955588	CHR11:1395558	SSF x Near_LoA	-6,452	0,095	0,271
CHR11	13964130	CHR11:1396413	SSF x Near_LoA	-6,513	-0,029	0,301
CHR11	13964152	CHR11:1396415	SSF x Near_LoA	-7,959	0,047	0,282
CHR11	13968799	CHR11:1396879	SSF x Near_LoA	-5,101	-0,110	0,278
CHR11	13973036	CHR11:1397303	SSF x Near_LoA	0,241	0,113	0,285
CHR11	13973087	CHR11:1397308	SSF x Near_LoA	-8,007	-0,036	0,287

CHR11	13998792	CHR11:13998792	SSF x Near_LoA	-8,023	-0,006	0,278
CHR11	13998807	CHR11:13998807	SSF x Near_LoA	-10,691	-0,102	0,261
CHR11	13998822	CHR11:13998822	SSF x Near_LoA	-6,412	0,079	0,277
CHR11	13998831	CHR11:13998831	SSF x Near_LoA	-8,238	0,009	0,289
CHR11	13998832	CHR11:13998832	SSF x Near_LoA	-6,168	-0,004	0,294
CHR11	13998855	CHR11:13998855	SSF x Near_LoA	-8,753	0,083	0,265
CHR11	13998919	CHR11:13998919	SSF x Near_LoA	-8,697	0,095	0,266
CHR11	14015305	CHR11:14015305	SSF x Near_LoA	-9,663	0,107	0,286
CHR11	14028662	CHR11:14028662	SSF x Near_LoA	-7,391	-0,103	0,272
CHR11	14028708	CHR11:14028708	SSF x Near_LoA	-7,001	-0,153	0,283
CHR11	14028749	CHR11:14028749	SSF x Near_LoA	-8,285	-0,049	0,294
CHR11	14028838	CHR11:14028838	SSF x Near_LoA	-8,678	0,006	0,292
CHR11	14028954	CHR11:14028954	SSF x Near_LoA	-7,322	-0,173	0,275
CHR11	14035303	CHR11:14035303	SSF x Near_LoA	-8,707	0,157	0,280
CHR11	14043307	CHR11:14043307	SSF x Near_LoA	-6,332	-0,156	0,282
CHR11	14043482	CHR11:14043482	SSF x Near_LoA	-8,232	-0,058	0,279
CHR11	14048213	CHR11:14048213	SSF x Near_LoA	-3,363	-0,234	0,272
CHR11	14048214	CHR11:14048214	SSF x Near_LoA	-7,079	-0,060	0,294
CHR11	14048234	CHR11:14048234	SSF x Near_LoA	-7,140	0,177	0,265
CHR11	14048286	CHR11:14048286	SSF x Near_LoA	-9,867	-0,036	0,282
CHR11	14048294	CHR11:14048294	SSF x Near_LoA	-4,741	-0,194	0,275
CHR11	14048324	CHR11:14048324	SSF x Near_LoA	-8,262	-0,039	0,292
CHR11	14055723	CHR11:14055723	SSF x Near_LoA	-10,286	0,036	0,293
CHR11	14055788	CHR11:14055788	SSF x Near_LoA	-8,668	0,136	0,281
CHR11	14064348	CHR11:14064348	SSF x Near_LoA	-5,110	0,089	0,280
CHR11	14065201	CHR11:14065201	SSF x Near_LoA	-9,564	0,060	0,286
CHR11	14097904	CHR11:14097904	SSF x Near_LoA	-4,312	0,241	0,265
CHR11	14098117	CHR11:14098117	SSF x Near_LoA	-11,240	0,074	0,271
CHR11	14124437	CHR11:14124437	SSF x Near_LoA	-8,481	0,006	0,298
CHR11	14133483	CHR11:14133483	SSF x Near_LoA	-7,071	0,154	0,282
CHR11	14168369	CHR11:14168369	SSF x Near_LoA	-9,305	0,105	0,280
CHR11	14168561	CHR11:14168561	SSF x Near_LoA	-9,626	0,009	0,292
CHR11	14168576	CHR11:14168576	SSF x Near_LoA	-4,491	-0,078	0,287
CHR11	14168614	CHR11:14168614	SSF x Near_LoA	-5,224	-0,179	0,284
CHR11	14181750	CHR11:14181750	SSF x Near_LoA	-9,911	0,026	0,286
CHR11	1418414	CHR11:1418414	SSF x Near_LoA	-8,606	-0,012	0,284
CHR11	14184630	CHR11:14184630	SSF x Near_LoA	-6,260	-0,130	0,300
CHR11	1418701	CHR11:1418701	SSF x Near_LoA	-7,527	0,080	0,276
CHR11	1418812	CHR11:1418812	SSF x Near_LoA	-7,465	0,101	0,290
CHR11	14191073	CHR11:14191073	SSF x Near_LoA	-5,901	-0,173	0,295
CHR11	14191254	CHR11:14191254	SSF x Near_LoA	-7,691	-0,082	0,278
CHR11	14191257	CHR11:14191257	SSF x Near_LoA	-2,866	-0,132	0,290
CHR11	14191261	CHR11:14191261	SSF x Near_LoA	-6,976	-0,164	0,287
CHR11	14197850	CHR11:14197850	SSF x Near_LoA	-6,070	0,035	0,296
CHR11	14204793	CHR11:14204793	SSF x Near_LoA	-10,054	-0,057	0,283
CHR11	1422594	CHR11:1422594	SSF x Near_LoA	-6,177	0,143	0,281
CHR11	1422611	CHR11:1422611	SSF x Near_LoA	-6,452	0,022	0,303
CHR11	14226536	CHR11:14226536	SSF x Near_LoA	-9,370	-0,058	0,274
CHR11	14226544	CHR11:14226544	SSF x Near_LoA	-6,101	-0,047	0,295
CHR11	14226563	CHR11:14226563	SSF x Near_LoA	-7,506	0,021	0,291
CHR11	14226654	CHR11:14226654	SSF x Near_LoA	-9,195	-0,069	0,279
CHR11	14226657	CHR11:14226657	SSF x Near_LoA	-9,576	0,030	0,281
CHR11	14240962	CHR11:14240962	SSF x Near_LoA	-10,017	-0,057	0,283

CHR11	14252930	CHR11:1425293(	SSF x Near_LoA	-8,007	0,027	0,283
CHR11	1425434	CHR11:1425434	SSF x Near_LoA	-9,036	-0,145	0,274
CHR11	1425506	CHR11:1425506	SSF x Near_LoA	-8,659	-0,166	0,286
CHR11	14255844	CHR11:14255844	SSF x Near_LoA	-7,319	-0,060	0,294
CHR11	14255939	CHR11:1425593(	SSF x Near_LoA	-9,253	-0,012	0,282
CHR11	1429769	CHR11:1429769	SSF x Near_LoA	-3,537	0,211	0,276
CHR11	1429965	CHR11:1429965	SSF x Near_LoA	-6,459	-0,123	0,285
CHR11	1430050	CHR11:1430050	SSF x Near_LoA	-6,744	-0,113	0,295
CHR11	1436675	CHR11:1436675	SSF x Near_LoA	-8,481	0,036	0,297
CHR11	1436771	CHR11:1436771	SSF x Near_LoA	-9,494	0,097	0,285
CHR11	1436959	CHR11:1436959	SSF x Near_LoA	-6,539	-0,015	0,291
CHR11	1437007	CHR11:1437007	SSF x Near_LoA	-7,914	-0,063	0,291
CHR11	1437009	CHR11:1437009	SSF x Near_LoA	-9,190	-0,010	0,305
CHR11	1437014	CHR11:1437014	SSF x Near_LoA	-7,913	-0,009	0,296
CHR11	1437020	CHR11:1437020	SSF x Near_LoA	-8,764	-0,046	0,300
CHR11	1437075	CHR11:1437075	SSF x Near_LoA	-9,950	0,033	0,275
CHR11	1437083	CHR11:1437083	SSF x Near_LoA	-6,637	0,158	0,279
CHR11	1446375	CHR11:1446375	SSF x Near_LoA	-9,035	0,101	0,288
CHR11	1446471	CHR11:1446471	SSF x Near_LoA	-8,449	0,066	0,279
CHR11	1446526	CHR11:1446526	SSF x Near_LoA	-7,230	-0,027	0,282
CHR11	1446564	CHR11:1446564	SSF x Near_LoA	-8,608	-0,031	0,288
CHR11	1471807	CHR11:1471807	SSF x Near_LoA	-9,017	0,004	0,291
CHR11	1471896	CHR11:1471896	SSF x Near_LoA	-2,408	0,083	0,291
CHR11	1471929	CHR11:1471929	SSF x Near_LoA	-1,310	0,114	0,279
CHR11	1471945	CHR11:1471945	SSF x Near_LoA	-9,462	-0,048	0,285
CHR11	1474826	CHR11:1474826	SSF x Near_LoA	-8,532	0,125	0,296
CHR11	1475109	CHR11:1475109	SSF x Near_LoA	-8,172	0,003	0,298
CHR11	1475121	CHR11:1475121	SSF x Near_LoA	-9,727	-0,034	0,292
CHR11	1475122	CHR11:1475122	SSF x Near_LoA	-7,122	0,066	0,295
CHR11	1475141	CHR11:1475141	SSF x Near_LoA	-9,152	0,088	0,289
CHR11	1475169	CHR11:1475169	SSF x Near_LoA	-8,399	0,101	0,294
CHR11	1490029	CHR11:1490029	SSF x Near_LoA	-8,108	0,112	0,288
CHR11	1507999	CHR11:1507999	SSF x Near_LoA	-7,903	0,161	0,287
CHR11	1508000	CHR11:1508000	SSF x Near_LoA	-8,337	0,110	0,280
CHR11	1508009	CHR11:1508009	SSF x Near_LoA	-7,838	-0,158	0,263
CHR11	1515204	CHR11:1515204	SSF x Near_LoA	-9,150	0,071	0,290
CHR11	1515206	CHR11:1515206	SSF x Near_LoA	-8,080	-0,056	0,291
CHR11	1515210	CHR11:1515210	SSF x Near_LoA	-7,622	0,024	0,287
CHR11	1515226	CHR11:1515226	SSF x Near_LoA	-9,622	-0,044	0,278
CHR11	1515322	CHR11:1515322	SSF x Near_LoA	-8,565	0,053	0,293
CHR11	1515339	CHR11:1515339	SSF x Near_LoA	-4,990	0,130	0,277
CHR11	1515341	CHR11:1515341	SSF x Near_LoA	-5,642	0,212	0,265
CHR11	1515356	CHR11:1515356	SSF x Near_LoA	-8,079	0,028	0,277
CHR11	1515371	CHR11:1515371	SSF x Near_LoA	-9,178	0,096	0,287
CHR11	1515378	CHR11:1515378	SSF x Near_LoA	-6,183	-0,159	0,281
CHR11	1515423	CHR11:1515423	SSF x Near_LoA	-6,149	0,209	0,270
CHR11	1515525	CHR11:1515525	SSF x Near_LoA	-9,350	0,068	0,283
CHR11	1515539	CHR11:1515539	SSF x Near_LoA	-1,725	-0,310	0,265
CHR11	1515541	CHR11:1515541	SSF x Near_LoA	0,473	-0,283	0,265
CHR11	1515546	CHR11:1515546	SSF x Near_LoA	-8,001	-0,007	0,286
CHR11	1538360	CHR11:1538360	SSF x Near_LoA	-3,507	0,228	0,274
CHR11	1538393	CHR11:1538393	SSF x Near_LoA	-4,099	-0,142	0,269
CHR11	1547019	CHR11:1547019	SSF x Near_LoA	-8,584	0,164	0,272

CHR11	1547039	CHR11:1547039	SSF x Near_LoA	-7,236	-0,035	0,281
CHR11	1547043	CHR11:1547043	SSF x Near_LoA	-7,179	-0,021	0,286
CHR11	1547146	CHR11:1547146	SSF x Near_LoA	-7,146	0,054	0,281
CHR11	1547277	CHR11:1547277	SSF x Near_LoA	-9,022	0,149	0,283
CHR11	1547279	CHR11:1547279	SSF x Near_LoA	-6,789	0,098	0,282
CHR11	1550997	CHR11:1550997	SSF x Near_LoA	-9,080	0,037	0,287
CHR11	1551191	CHR11:1551191	SSF x Near_LoA	-4,985	0,119	0,296
CHR11	1551195	CHR11:1551195	SSF x Near_LoA	-8,915	-0,031	0,280
CHR11	1551197	CHR11:1551197	SSF x Near_LoA	-10,767	0,045	0,283
CHR11	1551217	CHR11:1551217	SSF x Near_LoA	-7,817	-0,050	0,300
CHR11	1576342	CHR11:1576342	SSF x Near_LoA	-2,236	0,205	0,268
CHR11	1576382	CHR11:1576382	SSF x Near_LoA	-4,828	-0,020	0,293
CHR11	1576461	CHR11:1576461	SSF x Near_LoA	-8,870	-0,056	0,282
CHR11	15812545	CHR11:15812545	SSF x Near_LoA	-8,795	-0,097	0,278
CHR11	158800	CHR11:158800	SSF x Near_LoA	-6,832	0,051	0,304
CHR11	158853	CHR11:158853	SSF x Near_LoA	-8,239	-0,007	0,297
CHR11	158922	CHR11:158922	SSF x Near_LoA	-5,558	-0,153	0,285
CHR11	1592108	CHR11:1592108	SSF x Near_LoA	-4,791	0,223	0,253
CHR11	1592154	CHR11:1592154	SSF x Near_LoA	-7,456	-0,052	0,294
CHR11	1592299	CHR11:1592299	SSF x Near_LoA	-10,313	0,109	0,255
CHR11	1592454	CHR11:1592454	SSF x Near_LoA	-6,620	0,075	0,283
CHR11	1592467	CHR11:1592467	SSF x Near_LoA	-7,502	0,127	0,286
CHR11	1602586	CHR11:1602586	SSF x Near_LoA	-7,890	-0,168	0,292
CHR11	1602595	CHR11:1602595	SSF x Near_LoA	-5,471	-0,177	0,279
CHR11	1602607	CHR11:1602607	SSF x Near_LoA	-8,303	-0,153	0,285
CHR11	1610785	CHR11:1610785	SSF x Near_LoA	-10,220	-0,020	0,291
CHR11	16342067	CHR11:16342067	SSF x Near_LoA	-9,174	-0,086	0,282
CHR11	16364658	CHR11:16364658	SSF x Near_LoA	-9,901	-0,017	0,289
CHR11	16364726	CHR11:16364726	SSF x Near_LoA	-7,581	0,031	0,291
CHR11	16379096	CHR11:16379096	SSF x Near_LoA	-6,818	0,103	0,265
CHR11	16415974	CHR11:16415974	SSF x Near_LoA	-8,145	0,031	0,285
CHR11	16424772	CHR11:16424772	SSF x Near_LoA	-5,739	0,128	0,282
CHR11	16424819	CHR11:16424819	SSF x Near_LoA	-7,077	0,064	0,295
CHR11	16425000	CHR11:16425000	SSF x Near_LoA	-3,022	-0,206	0,272
CHR11	16425020	CHR11:16425020	SSF x Near_LoA	-4,826	-0,192	0,266
CHR11	16425069	CHR11:16425069	SSF x Near_LoA	-5,766	-0,135	0,282
CHR11	16443921	CHR11:16443921	SSF x Near_LoA	-8,562	-0,099	0,280
CHR11	16444054	CHR11:16444054	SSF x Near_LoA	-5,898	-0,130	0,282
CHR11	16446394	CHR11:16446394	SSF x Near_LoA	-7,321	-0,072	0,296
CHR11	16446404	CHR11:16446404	SSF x Near_LoA	-8,822	-0,068	0,293
CHR11	16448519	CHR11:16448519	SSF x Near_LoA	-9,870	0,034	0,294
CHR11	16448578	CHR11:16448578	SSF x Near_LoA	-7,312	-0,043	0,284
CHR11	16448749	CHR11:16448749	SSF x Near_LoA	-7,669	0,020	0,292
CHR11	16448750	CHR11:16448750	SSF x Near_LoA	-8,892	-0,031	0,290
CHR11	16467889	CHR11:16467889	SSF x Near_LoA	-9,520	-0,041	0,280
CHR11	16467917	CHR11:16467917	SSF x Near_LoA	-8,079	-0,134	0,286
CHR11	16467944	CHR11:16467944	SSF x Near_LoA	-8,005	-0,105	0,285
CHR11	16483171	CHR11:16483171	SSF x Near_LoA	-6,505	-0,171	0,285
CHR11	16483188	CHR11:16483188	SSF x Near_LoA	-7,869	-0,110	0,281
CHR11	16483238	CHR11:16483238	SSF x Near_LoA	-9,979	-0,043	0,295
CHR11	16483270	CHR11:16483270	SSF x Near_LoA	-3,907	-0,243	0,271
CHR11	16483346	CHR11:16483346	SSF x Near_LoA	-5,030	-0,211	0,285
CHR11	16483372	CHR11:16483372	SSF x Near_LoA	-6,063	-0,257	0,250

CHR11	16484435	CHR11:16484435	SSF x Near_LoA	-8,465	-0,148	0,281
CHR11	16484472	CHR11:16484472	SSF x Near_LoA	-5,995	-0,130	0,272
CHR11	16484584	CHR11:16484584	SSF x Near_LoA	-4,906	-0,122	0,278
CHR11	16543517	CHR11:16543517	SSF x Near_LoA	-7,696	-0,013	0,280
CHR11	16543556	CHR11:16543556	SSF x Near_LoA	-7,786	-0,060	0,293
CHR11	16543567	CHR11:16543567	SSF x Near_LoA	-9,660	0,001	0,281
CHR11	16543597	CHR11:16543597	SSF x Near_LoA	-8,488	-0,057	0,276
CHR11	16543622	CHR11:16543622	SSF x Near_LoA	-8,256	-0,073	0,277
CHR11	16543637	CHR11:16543637	SSF x Near_LoA	-5,847	-0,146	0,275
CHR11	16543667	CHR11:16543667	SSF x Near_LoA	-8,385	-0,008	0,275
CHR11	16543756	CHR11:16543756	SSF x Near_LoA	-7,187	-0,056	0,292
CHR11	16543758	CHR11:16543758	SSF x Near_LoA	-7,468	0,028	0,288
CHR11	16546571	CHR11:16546571	SSF x Near_LoA	-8,057	-0,017	0,276
CHR11	16546600	CHR11:16546600	SSF x Near_LoA	-7,434	-0,091	0,281
CHR11	16546661	CHR11:16546661	SSF x Near_LoA	-5,270	-0,124	0,278
CHR11	16585842	CHR11:16585842	SSF x Near_LoA	-7,897	0,015	0,295
CHR11	16585882	CHR11:16585882	SSF x Near_LoA	-6,952	-0,111	0,298
CHR11	16585910	CHR11:16585910	SSF x Near_LoA	-8,017	0,005	0,304
CHR11	16585962	CHR11:16585962	SSF x Near_LoA	-5,914	-0,161	0,284
CHR11	16585988	CHR11:16585988	SSF x Near_LoA	-2,034	-0,183	0,284
CHR11	16587508	CHR11:16587508	SSF x Near_LoA	-8,044	0,073	0,299
CHR11	16587588	CHR11:16587588	SSF x Near_LoA	-7,284	-0,106	0,295
CHR11	16587618	CHR11:16587618	SSF x Near_LoA	-7,888	-0,141	0,287
CHR11	16596339	CHR11:16596339	SSF x Near_LoA	-8,199	0,027	0,293
CHR11	16596340	CHR11:16596340	SSF x Near_LoA	-8,481	0,036	0,285
CHR11	16596440	CHR11:16596440	SSF x Near_LoA	-9,070	-0,120	0,301
CHR11	16596444	CHR11:16596444	SSF x Near_LoA	-8,955	-0,130	0,279
CHR11	16610141	CHR11:16610141	SSF x Near_LoA	-8,793	-0,017	0,275
CHR11	16610213	CHR11:16610213	SSF x Near_LoA	-9,551	-0,051	0,287
CHR11	16613819	CHR11:16613819	SSF x Near_LoA	0,114	-0,188	0,283
CHR11	16613901	CHR11:16613901	SSF x Near_LoA	-10,378	-0,030	0,294
CHR11	16613936	CHR11:16613936	SSF x Near_LoA	-10,355	-0,059	0,279
CHR11	16613991	CHR11:16613991	SSF x Near_LoA	-6,907	-0,111	0,285
CHR11	16649007	CHR11:16649007	SSF x Near_LoA	-8,584	-0,083	0,270
CHR11	16649063	CHR11:16649063	SSF x Near_LoA	-9,404	0,117	0,270
CHR11	16665526	CHR11:16665526	SSF x Near_LoA	-6,015	-0,103	0,286
CHR11	16688334	CHR11:16688334	SSF x Near_LoA	-10,532	0,057	0,277
CHR11	16694237	CHR11:16694237	SSF x Near_LoA	-7,530	-0,086	0,290
CHR11	16697781	CHR11:16697781	SSF x Near_LoA	-4,888	0,184	0,263
CHR11	16697845	CHR11:16697845	SSF x Near_LoA	-3,626	0,063	0,273
CHR11	16697851	CHR11:16697851	SSF x Near_LoA	-7,272	-0,139	0,271
CHR11	16722282	CHR11:16722282	SSF x Near_LoA	-9,874	0,013	0,282
CHR11	16724607	CHR11:16724607	SSF x Near_LoA	-8,331	-0,046	0,296
CHR11	16724608	CHR11:16724608	SSF x Near_LoA	-9,445	-0,103	0,279
CHR11	16729476	CHR11:16729476	SSF x Near_LoA	-6,413	-0,150	0,285
CHR11	16729530	CHR11:16729530	SSF x Near_LoA	-4,966	-0,050	0,301
CHR11	16729531	CHR11:16729531	SSF x Near_LoA	-10,595	0,037	0,286
CHR11	16729595	CHR11:16729595	SSF x Near_LoA	-7,401	-0,015	0,295
CHR11	16729645	CHR11:16729645	SSF x Near_LoA	-9,852	0,064	0,293
CHR11	16729768	CHR11:16729768	SSF x Near_LoA	-8,652	-0,046	0,298
CHR11	16732239	CHR11:16732239	SSF x Near_LoA	-9,986	0,047	0,278
CHR11	16732441	CHR11:16732441	SSF x Near_LoA	-7,108	0,014	0,294
CHR11	16732496	CHR11:16732496	SSF x Near_LoA	-11,021	0,058	0,276

CHR11	1677220	CHR11:1677220	SSF x Near_LoA	1,294	-0,187	0,278
CHR11	1677352	CHR11:1677352	SSF x Near_LoA	-8,116	-0,187	0,279
CHR11	1677363	CHR11:1677363	SSF x Near_LoA	-6,197	0,216	0,269
CHR11	16785848	CHR11:16785848	SSF x Near_LoA	-10,166	-0,034	0,301
CHR11	16785882	CHR11:16785882	SSF x Near_LoA	-8,568	0,101	0,281
CHR11	16790015	CHR11:16790015	SSF x Near_LoA	-9,279	-0,015	0,288
CHR11	1679957	CHR11:1679957	SSF x Near_LoA	-8,594	0,035	0,285
CHR11	1680089	CHR11:1680089	SSF x Near_LoA	-6,518	0,078	0,274
CHR11	1680239	CHR11:1680239	SSF x Near_LoA	-9,303	0,067	0,286
CHR11	16832300	CHR11:16832300	SSF x Near_LoA	-7,296	-0,004	0,290
CHR11	16832301	CHR11:16832301	SSF x Near_LoA	-8,047	-0,004	0,293
CHR11	16832373	CHR11:16832373	SSF x Near_LoA	-8,318	-0,028	0,289
CHR11	16832374	CHR11:16832374	SSF x Near_LoA	-8,070	0,010	0,303
CHR11	16832385	CHR11:16832385	SSF x Near_LoA	-9,186	0,096	0,292
CHR11	16832409	CHR11:16832409	SSF x Near_LoA	-6,755	-0,100	0,298
CHR11	16832430	CHR11:16832430	SSF x Near_LoA	-8,276	0,046	0,276
CHR11	16884186	CHR11:16884186	SSF x Near_LoA	-7,024	0,177	0,276
CHR11	16884242	CHR11:16884242	SSF x Near_LoA	-8,700	0,035	0,281
CHR11	16884251	CHR11:16884251	SSF x Near_LoA	-7,142	0,025	0,282
CHR11	16884732	CHR11:16884732	SSF x Near_LoA	-7,419	0,061	0,283
CHR11	16884752	CHR11:16884752	SSF x Near_LoA	-8,402	-0,035	0,274
CHR11	16884813	CHR11:16884813	SSF x Near_LoA	-8,065	-0,018	0,280
CHR11	16884815	CHR11:16884815	SSF x Near_LoA	-7,106	0,076	0,284
CHR11	16884829	CHR11:16884829	SSF x Near_LoA	-7,851	-0,003	0,294
CHR11	16884830	CHR11:16884830	SSF x Near_LoA	-8,664	-0,058	0,279
CHR11	16886741	CHR11:16886741	SSF x Near_LoA	-6,448	-0,175	0,270
CHR11	16886743	CHR11:16886743	SSF x Near_LoA	-8,369	0,016	0,290
CHR11	16886749	CHR11:16886749	SSF x Near_LoA	-7,667	0,047	0,295
CHR11	16886888	CHR11:16886888	SSF x Near_LoA	-7,391	-0,014	0,264
CHR11	16886952	CHR11:16886952	SSF x Near_LoA	-8,095	0,004	0,274
CHR11	16889405	CHR11:16889405	SSF x Near_LoA	-4,952	-0,183	0,275
CHR11	16889432	CHR11:16889432	SSF x Near_LoA	-5,801	-0,051	0,267
CHR11	16889443	CHR11:16889443	SSF x Near_LoA	-6,442	-0,040	0,267
CHR11	16889449	CHR11:16889449	SSF x Near_LoA	-8,818	-0,041	0,261
CHR11	16889475	CHR11:16889475	SSF x Near_LoA	-8,091	-0,054	0,275
CHR11	16889501	CHR11:16889501	SSF x Near_LoA	-7,360	-0,111	0,279
CHR11	16889534	CHR11:16889534	SSF x Near_LoA	-8,320	-0,042	0,262
CHR11	16904239	CHR11:16904239	SSF x Near_LoA	-6,493	-0,126	0,287
CHR11	16904272	CHR11:16904272	SSF x Near_LoA	-1,499	-0,258	0,261
CHR11	1691749	CHR11:1691749	SSF x Near_LoA	-7,163	0,024	0,288
CHR11	1691827	CHR11:1691827	SSF x Near_LoA	-6,762	0,109	0,274
CHR11	16922699	CHR11:16922699	SSF x Near_LoA	-6,726	0,173	0,285
CHR11	16929067	CHR11:16929067	SSF x Near_LoA	-7,376	-0,120	0,274
CHR11	16929141	CHR11:16929141	SSF x Near_LoA	-3,871	0,179	0,274
CHR11	16929185	CHR11:16929185	SSF x Near_LoA	-9,700	-0,067	0,284
CHR11	16929186	CHR11:16929186	SSF x Near_LoA	-6,614	-0,188	0,285
CHR11	16929190	CHR11:16929190	SSF x Near_LoA	-9,195	-0,094	0,294
CHR11	1693691	CHR11:1693691	SSF x Near_LoA	-6,539	0,092	0,271
CHR11	1693741	CHR11:1693741	SSF x Near_LoA	-7,315	0,098	0,268
CHR11	1693773	CHR11:1693773	SSF x Near_LoA	-8,905	0,015	0,277
CHR11	16952383	CHR11:16952383	SSF x Near_LoA	-7,069	-0,106	0,291
CHR11	17010264	CHR11:17010264	SSF x Near_LoA	-10,025	-0,112	0,286
CHR11	17010328	CHR11:17010328	SSF x Near_LoA	-7,584	0,096	0,267

CHR11	17010391	CHR11:17010391	SSF x Near_LoA	-4,883	0,154	0,271
CHR11	17014054	CHR11:17014054	SSF x Near_LoA	-8,167	0,079	0,289
CHR11	17014082	CHR11:17014082	SSF x Near_LoA	-7,648	-0,007	0,274
CHR11	17015709	CHR11:17015709	SSF x Near_LoA	-5,960	0,146	0,277
CHR11	17036192	CHR11:17036192	SSF x Near_LoA	-6,655	-0,016	0,282
CHR11	17046087	CHR11:17046087	SSF x Near_LoA	-8,570	-0,096	0,267
CHR11	17046095	CHR11:17046095	SSF x Near_LoA	-7,092	-0,038	0,270
CHR11	17046105	CHR11:17046105	SSF x Near_LoA	-7,058	-0,103	0,273
CHR11	17046215	CHR11:17046215	SSF x Near_LoA	-6,941	-0,173	0,267
CHR11	17046228	CHR11:17046228	SSF x Near_LoA	-9,244	0,086	0,290
CHR11	17046238	CHR11:17046238	SSF x Near_LoA	-7,949	-0,046	0,284
CHR11	17058872	CHR11:17058872	SSF x Near_LoA	-9,604	-0,054	0,283
CHR11	1709118	CHR11:1709118	SSF x Near_LoA	-7,899	-0,015	0,286
CHR11	1709295	CHR11:1709295	SSF x Near_LoA	-4,509	0,185	0,279
CHR11	17100504	CHR11:17100504	SSF x Near_LoA	-9,894	-0,022	0,308
CHR11	17106391	CHR11:17106391	SSF x Near_LoA	-7,821	-0,038	0,280
CHR11	17106507	CHR11:17106507	SSF x Near_LoA	-5,808	-0,096	0,298
CHR11	17106534	CHR11:17106534	SSF x Near_LoA	-7,285	0,061	0,288
CHR11	17106562	CHR11:17106562	SSF x Near_LoA	-6,962	0,085	0,294
CHR11	17106581	CHR11:17106581	SSF x Near_LoA	-6,240	0,117	0,291
CHR11	17120356	CHR11:17120356	SSF x Near_LoA	-7,531	0,063	0,289
CHR11	17120384	CHR11:17120384	SSF x Near_LoA	-6,564	0,044	0,292
CHR11	17120413	CHR11:17120413	SSF x Near_LoA	-6,848	0,044	0,305
CHR11	17120442	CHR11:17120442	SSF x Near_LoA	-8,131	0,144	0,276
CHR11	17120503	CHR11:17120503	SSF x Near_LoA	-6,853	0,123	0,290
CHR11	17126968	CHR11:17126968	SSF x Near_LoA	-5,957	-0,219	0,268
CHR11	17126978	CHR11:17126978	SSF x Near_LoA	-6,347	-0,212	0,267
CHR11	17127021	CHR11:17127021	SSF x Near_LoA	-7,251	0,108	0,276
CHR11	17127056	CHR11:17127056	SSF x Near_LoA	-6,629	0,138	0,291
CHR11	17131069	CHR11:17131069	SSF x Near_LoA	-8,507	0,090	0,273
CHR11	17131070	CHR11:17131070	SSF x Near_LoA	-4,486	0,046	0,283
CHR11	17133678	CHR11:17133678	SSF x Near_LoA	-7,815	0,046	0,289
CHR11	17133814	CHR11:17133814	SSF x Near_LoA	-10,546	0,047	0,291
CHR11	17133827	CHR11:17133827	SSF x Near_LoA	-6,906	-0,057	0,283
CHR11	17133854	CHR11:17133854	SSF x Near_LoA	-9,045	0,011	0,273
CHR11	17133865	CHR11:17133865	SSF x Near_LoA	-7,029	-0,063	0,277
CHR11	17133874	CHR11:17133874	SSF x Near_LoA	-1,911	-0,210	0,276
CHR11	17133907	CHR11:17133907	SSF x Near_LoA	4,391	-0,067	0,283
CHR11	17133927	CHR11:17133927	SSF x Near_LoA	-7,433	-0,061	0,280
CHR11	17139990	CHR11:17139990	SSF x Near_LoA	-8,029	-0,043	0,296
CHR11	17140089	CHR11:17140089	SSF x Near_LoA	-5,562	0,052	0,292
CHR11	17140099	CHR11:17140099	SSF x Near_LoA	-7,846	0,050	0,289
CHR11	17140121	CHR11:17140121	SSF x Near_LoA	-8,072	0,082	0,292
CHR11	17143726	CHR11:17143726	SSF x Near_LoA	-5,758	0,117	0,285
CHR11	17143762	CHR11:17143762	SSF x Near_LoA	-6,708	-0,101	0,272
CHR11	17143932	CHR11:17143932	SSF x Near_LoA	-7,035	-0,136	0,268
CHR11	17160062	CHR11:17160062	SSF x Near_LoA	-9,008	-0,098	0,289
CHR11	17160113	CHR11:17160113	SSF x Near_LoA	-7,705	0,075	0,291
CHR11	17160155	CHR11:17160155	SSF x Near_LoA	-4,436	0,161	0,283
CHR11	17160160	CHR11:17160160	SSF x Near_LoA	-8,910	0,100	0,273
CHR11	17160164	CHR11:17160164	SSF x Near_LoA	-8,983	-0,006	0,294
CHR11	1716023	CHR11:1716023	SSF x Near_LoA	-8,248	-0,155	0,273
CHR11	17160336	CHR11:17160336	SSF x Near_LoA	-10,632	-0,029	0,279

CHR11	1716044	CHR11:1716044	SSF x Near_LoA	-6,443	0,120	0,295
CHR11	1716126	CHR11:1716126	SSF x Near_LoA	-8,998	-0,109	0,295
CHR11	17161386	CHR11:1716138	SSF x Near_LoA	-5,733	-0,004	0,279
CHR11	17161423	CHR11:1716142	SSF x Near_LoA	-7,366	0,139	0,301
CHR11	17161482	CHR11:1716148	SSF x Near_LoA	-7,327	0,060	0,302
CHR11	17161501	CHR11:1716150	SSF x Near_LoA	-6,050	-0,098	0,303
CHR11	17161551	CHR11:1716155	SSF x Near_LoA	-7,457	-0,023	0,297
CHR11	17165771	CHR11:1716577	SSF x Near_LoA	-8,656	0,003	0,283
CHR11	17165844	CHR11:1716584	SSF x Near_LoA	-6,583	-0,130	0,283
CHR11	17165848	CHR11:1716584	SSF x Near_LoA	-5,730	-0,153	0,284
CHR11	17165967	CHR11:1716596	SSF x Near_LoA	-6,159	-0,137	0,285
CHR11	17165995	CHR11:1716599	SSF x Near_LoA	-5,157	0,084	0,291
CHR11	17169119	CHR11:1716911	SSF x Near_LoA	-8,331	0,078	0,287
CHR11	17169186	CHR11:1716918	SSF x Near_LoA	-9,203	0,016	0,285
CHR11	17169228	CHR11:1716922	SSF x Near_LoA	-5,903	0,149	0,287
CHR11	17182432	CHR11:1718243	SSF x Near_LoA	-8,067	-0,007	0,292
CHR11	17182627	CHR11:1718262	SSF x Near_LoA	-10,138	-0,025	0,288
CHR11	17182633	CHR11:1718263	SSF x Near_LoA	-10,582	-0,017	0,279
CHR11	17182634	CHR11:1718263	SSF x Near_LoA	-10,163	-0,030	0,284
CHR11	17195878	CHR11:1719587	SSF x Near_LoA	-9,661	-0,010	0,309
CHR11	17195890	CHR11:1719589	SSF x Near_LoA	-8,528	0,075	0,290
CHR11	17195970	CHR11:1719597	SSF x Near_LoA	-8,096	0,055	0,285
CHR11	17196021	CHR11:1719602	SSF x Near_LoA	-7,818	-0,022	0,290
CHR11	1720128	CHR11:1720128	SSF x Near_LoA	-8,088	0,111	0,286
CHR11	1720231	CHR11:1720231	SSF x Near_LoA	-7,566	0,020	0,262
CHR11	17214065	CHR11:1721406	SSF x Near_LoA	-8,606	0,031	0,290
CHR11	17214274	CHR11:1721427	SSF x Near_LoA	-9,020	0,137	0,275
CHR11	17218551	CHR11:1721855	SSF x Near_LoA	-10,085	-0,131	0,282
CHR11	17238514	CHR11:1723851	SSF x Near_LoA	-7,505	-0,110	0,289
CHR11	17254275	CHR11:1725427	SSF x Near_LoA	-7,303	0,075	0,269
CHR11	17257856	CHR11:1725785	SSF x Near_LoA	-5,958	-0,109	0,279
CHR11	17258016	CHR11:1725801	SSF x Near_LoA	-9,909	-0,033	0,301
CHR11	17258114	CHR11:1725811	SSF x Near_LoA	-7,844	-0,137	0,287
CHR11	17286096	CHR11:1728609	SSF x Near_LoA	-9,582	-0,075	0,290
CHR11	17286098	CHR11:1728609	SSF x Near_LoA	-8,082	-0,014	0,279
CHR11	17295541	CHR11:1729554	SSF x Near_LoA	-9,025	-0,036	0,297
CHR11	17295615	CHR11:1729561	SSF x Near_LoA	-7,613	-0,089	0,286
CHR11	17295621	CHR11:1729562	SSF x Near_LoA	-5,981	-0,066	0,289
CHR11	17295635	CHR11:1729563	SSF x Near_LoA	-9,129	-0,017	0,300
CHR11	17295661	CHR11:1729566	SSF x Near_LoA	-9,646	0,065	0,279
CHR11	17297746	CHR11:1729774	SSF x Near_LoA	-8,135	0,041	0,288
CHR11	17297949	CHR11:1729794	SSF x Near_LoA	-5,221	0,119	0,273
CHR11	17310022	CHR11:1731002	SSF x Near_LoA	-8,456	0,035	0,292
CHR11	17310027	CHR11:1731002	SSF x Near_LoA	-6,599	0,085	0,284
CHR11	17310236	CHR11:1731023	SSF x Near_LoA	-8,610	-0,095	0,297
CHR11	17310249	CHR11:1731024	SSF x Near_LoA	-7,140	-0,026	0,281
CHR11	17310264	CHR11:1731026	SSF x Near_LoA	-3,508	-0,069	0,283
CHR11	17310267	CHR11:1731026	SSF x Near_LoA	-9,331	-0,089	0,287
CHR11	17310268	CHR11:1731026	SSF x Near_LoA	-7,583	-0,054	0,292
CHR11	17327524	CHR11:1732752	SSF x Near_LoA	-6,817	0,171	0,278
CHR11	17327532	CHR11:1732753	SSF x Near_LoA	-4,464	0,150	0,284
CHR11	17343854	CHR11:1734385	SSF x Near_LoA	-8,274	0,133	0,275
CHR11	17343908	CHR11:1734390	SSF x Near_LoA	-8,488	0,071	0,301

CHR11	17343957	CHR11:17343957	SSF x Near_LoA	-6,629	0,116	0,291
CHR11	1735192	CHR11:1735192	SSF x Near_LoA	-4,611	0,204	0,280
CHR11	17352599	CHR11:17352599	SSF x Near_LoA	-6,943	0,037	0,296
CHR11	1735264	CHR11:1735264	SSF x Near_LoA	-7,216	0,110	0,298
CHR11	17352808	CHR11:17352808	SSF x Near_LoA	-7,870	0,036	0,300
CHR11	17352878	CHR11:17352878	SSF x Near_LoA	-1,887	-0,241	0,261
CHR11	17352976	CHR11:17352976	SSF x Near_LoA	-5,332	-0,187	0,277
CHR11	17356374	CHR11:17356374	SSF x Near_LoA	-7,097	0,159	0,284
CHR11	17356473	CHR11:17356473	SSF x Near_LoA	-5,460	0,066	0,277
CHR11	1736708	CHR11:1736708	SSF x Near_LoA	-5,599	0,123	0,271
CHR11	1736788	CHR11:1736788	SSF x Near_LoA	-5,547	0,149	0,274
CHR11	1736794	CHR11:1736794	SSF x Near_LoA	-7,227	0,152	0,272
CHR11	1736824	CHR11:1736824	SSF x Near_LoA	-7,727	0,121	0,283
CHR11	17381190	CHR11:17381190	SSF x Near_LoA	-9,362	0,002	0,282
CHR11	17381192	CHR11:17381192	SSF x Near_LoA	-6,109	-0,122	0,289
CHR11	17381218	CHR11:17381218	SSF x Near_LoA	-7,708	-0,023	0,299
CHR11	17410868	CHR11:17410868	SSF x Near_LoA	-8,635	-0,064	0,290
CHR11	17425885	CHR11:17425885	SSF x Near_LoA	-6,638	0,240	0,267
CHR11	17425894	CHR11:17425894	SSF x Near_LoA	-7,112	-0,157	0,284
CHR11	17426025	CHR11:17426025	SSF x Near_LoA	-7,089	0,040	0,291
CHR11	17449359	CHR11:17449359	SSF x Near_LoA	-6,881	0,022	0,292
CHR11	17449385	CHR11:17449385	SSF x Near_LoA	-5,929	0,029	0,287
CHR11	17449445	CHR11:17449445	SSF x Near_LoA	-9,141	0,007	0,287
CHR11	17464164	CHR11:17464164	SSF x Near_LoA	-7,983	0,046	0,290
CHR11	17464228	CHR11:17464228	SSF x Near_LoA	-9,354	0,034	0,307
CHR11	17494822	CHR11:17494822	SSF x Near_LoA	-9,425	-0,006	0,275
CHR11	174964	CHR11:174964	SSF x Near_LoA	-7,617	-0,034	0,285
CHR11	175056	CHR11:175056	SSF x Near_LoA	-10,082	-0,034	0,289
CHR11	17505795	CHR11:17505795	SSF x Near_LoA	-10,814	0,003	0,268
CHR11	1751129	CHR11:1751129	SSF x Near_LoA	-8,130	-0,078	0,298
CHR11	1751145	CHR11:1751145	SSF x Near_LoA	-8,345	-0,054	0,276
CHR11	1751461	CHR11:1751461	SSF x Near_LoA	-9,666	-0,009	0,282
CHR11	1751471	CHR11:1751471	SSF x Near_LoA	-8,432	-0,061	0,278
CHR11	1751552	CHR11:1751552	SSF x Near_LoA	-7,833	0,055	0,285
CHR11	17523964	CHR11:17523964	SSF x Near_LoA	-8,605	-0,139	0,298
CHR11	17523992	CHR11:17523992	SSF x Near_LoA	-4,852	-0,108	0,275
CHR11	17525973	CHR11:17525973	SSF x Near_LoA	-10,369	-0,061	0,280
CHR11	17526058	CHR11:17526058	SSF x Near_LoA	-8,951	0,054	0,289
CHR11	17526126	CHR11:17526126	SSF x Near_LoA	-9,483	0,005	0,293
CHR11	17526148	CHR11:17526148	SSF x Near_LoA	-9,896	0,009	0,286
CHR11	17526164	CHR11:17526164	SSF x Near_LoA	-8,640	0,059	0,273
CHR11	1757384	CHR11:1757384	SSF x Near_LoA	0,754	-0,271	0,270
CHR11	1757395	CHR11:1757395	SSF x Near_LoA	-6,752	0,110	0,282
CHR11	1757531	CHR11:1757531	SSF x Near_LoA	-5,781	-0,163	0,290
CHR11	17600504	CHR11:17600504	SSF x Near_LoA	-6,974	-0,135	0,267
CHR11	17604203	CHR11:17604203	SSF x Near_LoA	-8,495	0,094	0,287
CHR11	17630375	CHR11:17630375	SSF x Near_LoA	-9,221	0,034	0,297
CHR11	17638562	CHR11:17638562	SSF x Near_LoA	-8,701	-0,042	0,288
CHR11	17655543	CHR11:17655543	SSF x Near_LoA	-8,677	-0,062	0,269
CHR11	17655559	CHR11:17655559	SSF x Near_LoA	-9,029	0,136	0,289
CHR11	17655608	CHR11:17655608	SSF x Near_LoA	-8,887	0,005	0,299
CHR11	17670838	CHR11:17670838	SSF x Near_LoA	-6,367	0,155	0,285
CHR11	17670846	CHR11:17670846	SSF x Near_LoA	-2,717	0,146	0,301

CHR11	17671047	CHR11:17671047	SSF x Near_LoA	-8,996	-0,097	0,290
CHR11	17685034	CHR11:17685034	SSF x Near_LoA	-7,320	0,067	0,291
CHR11	17685041	CHR11:17685041	SSF x Near_LoA	-5,995	-0,172	0,283
CHR11	17685068	CHR11:17685068	SSF x Near_LoA	-7,120	-0,124	0,278
CHR11	17685073	CHR11:17685073	SSF x Near_LoA	-8,759	-0,092	0,279
CHR11	17685081	CHR11:17685081	SSF x Near_LoA	-7,760	-0,124	0,272
CHR11	17685213	CHR11:17685213	SSF x Near_LoA	-6,144	-0,109	0,284
CHR11	17690998	CHR11:17690998	SSF x Near_LoA	-9,583	-0,014	0,271
CHR11	1769207	CHR11:1769207	SSF x Near_LoA	-9,992	-0,002	0,280
CHR11	1769226	CHR11:1769226	SSF x Near_LoA	-10,108	0,000	0,287
CHR11	17700016	CHR11:17700016	SSF x Near_LoA	-9,779	-0,099	0,278
CHR11	17704501	CHR11:17704501	SSF x Near_LoA	-8,773	-0,030	0,292
CHR11	17704582	CHR11:17704582	SSF x Near_LoA	-8,213	-0,025	0,292
CHR11	17704594	CHR11:17704594	SSF x Near_LoA	-7,810	-0,048	0,291
CHR11	17718839	CHR11:17718839	SSF x Near_LoA	-8,129	-0,109	0,286
CHR11	17729780	CHR11:17729780	SSF x Near_LoA	-10,653	0,091	0,282
CHR11	17764321	CHR11:17764321	SSF x Near_LoA	-9,201	0,056	0,284
CHR11	1777244	CHR11:1777244	SSF x Near_LoA	-10,396	0,081	0,299
CHR11	1777246	CHR11:1777246	SSF x Near_LoA	-8,079	-0,021	0,278
CHR11	1777260	CHR11:1777260	SSF x Near_LoA	-7,880	-0,028	0,271
CHR11	1777268	CHR11:1777268	SSF x Near_LoA	-7,413	-0,041	0,271
CHR11	1777295	CHR11:1777295	SSF x Near_LoA	-7,633	-0,026	0,295
CHR11	17785098	CHR11:17785098	SSF x Near_LoA	-6,999	-0,151	0,284
CHR11	17785150	CHR11:17785150	SSF x Near_LoA	-7,063	0,055	0,286
CHR11	17785258	CHR11:17785258	SSF x Near_LoA	-9,296	-0,067	0,295
CHR11	17812447	CHR11:17812447	SSF x Near_LoA	-7,847	-0,016	0,285
CHR11	17813606	CHR11:17813606	SSF x Near_LoA	-10,348	0,046	0,289
CHR11	17826381	CHR11:17826381	SSF x Near_LoA	-6,601	0,030	0,282
CHR11	17826391	CHR11:17826391	SSF x Near_LoA	-5,567	0,021	0,292
CHR11	17826413	CHR11:17826413	SSF x Near_LoA	3,387	0,274	0,252
CHR11	17826424	CHR11:17826424	SSF x Near_LoA	1,693	-0,219	0,266
CHR11	17826564	CHR11:17826564	SSF x Near_LoA	-8,737	-0,056	0,285
CHR11	17826570	CHR11:17826570	SSF x Near_LoA	-6,260	-0,070	0,273
CHR11	17841723	CHR11:17841723	SSF x Near_LoA	-8,691	0,061	0,281
CHR11	17841898	CHR11:17841898	SSF x Near_LoA	-7,725	-0,038	0,293
CHR11	17851799	CHR11:17851799	SSF x Near_LoA	-8,124	-0,142	0,283
CHR11	17851803	CHR11:17851803	SSF x Near_LoA	-7,699	-0,060	0,288
CHR11	17872565	CHR11:17872565	SSF x Near_LoA	-8,367	0,054	0,286
CHR11	17872578	CHR11:17872578	SSF x Near_LoA	-5,599	-0,229	0,259
CHR11	17873048	CHR11:17873048	SSF x Near_LoA	-5,141	0,173	0,265
CHR11	17874874	CHR11:17874874	SSF x Near_LoA	-8,996	-0,029	0,284
CHR11	17878090	CHR11:17878090	SSF x Near_LoA	-6,597	0,090	0,299
CHR11	17880494	CHR11:17880494	SSF x Near_LoA	-6,347	-0,170	0,278
CHR11	17880515	CHR11:17880515	SSF x Near_LoA	-10,386	0,015	0,293
CHR11	17881888	CHR11:17881888	SSF x Near_LoA	-7,715	-0,033	0,281
CHR11	17888184	CHR11:17888184	SSF x Near_LoA	-10,062	-0,016	0,290
CHR11	17888196	CHR11:17888196	SSF x Near_LoA	-6,553	0,076	0,285
CHR11	17888240	CHR11:17888240	SSF x Near_LoA	-10,889	-0,032	0,287
CHR11	17888270	CHR11:17888270	SSF x Near_LoA	-8,496	-0,031	0,297
CHR11	17888854	CHR11:17888854	SSF x Near_LoA	-9,981	-0,037	0,280
CHR11	17888949	CHR11:17888949	SSF x Near_LoA	-6,346	0,034	0,289
CHR11	17888986	CHR11:17888986	SSF x Near_LoA	-2,519	0,142	0,276
CHR11	17895936	CHR11:17895936	SSF x Near_LoA	-9,845	0,047	0,293

CHR11	17896052	CHR11:17896052	SSF x Near_LoA	-11,047	-0,036	0,281
CHR11	17905599	CHR11:17905599	SSF x Near_LoA	-7,296	0,018	0,285
CHR11	17905732	CHR11:17905732	SSF x Near_LoA	-8,099	0,191	0,267
CHR11	17918308	CHR11:17918308	SSF x Near_LoA	-7,966	0,026	0,277
CHR11	17942137	CHR11:17942137	SSF x Near_LoA	-7,293	0,032	0,307
CHR11	17942157	CHR11:17942157	SSF x Near_LoA	-8,973	-0,072	0,289
CHR11	17942185	CHR11:17942185	SSF x Near_LoA	-7,724	0,031	0,279
CHR11	17945697	CHR11:17945697	SSF x Near_LoA	-6,281	-0,100	0,277
CHR11	17945756	CHR11:17945756	SSF x Near_LoA	-5,232	-0,220	0,267
CHR11	17945796	CHR11:17945796	SSF x Near_LoA	-6,213	-0,177	0,272
CHR11	17945829	CHR11:17945829	SSF x Near_LoA	-7,382	0,206	0,255
CHR11	17951275	CHR11:17951275	SSF x Near_LoA	-10,507	0,042	0,276
CHR11	17951279	CHR11:17951279	SSF x Near_LoA	-7,249	-0,002	0,294
CHR11	17951621	CHR11:17951621	SSF x Near_LoA	-7,035	-0,095	0,286
CHR11	17956184	CHR11:17956184	SSF x Near_LoA	-8,541	-0,120	0,266
CHR11	17956209	CHR11:17956209	SSF x Near_LoA	-3,184	-0,173	0,283
CHR11	17956394	CHR11:17956394	SSF x Near_LoA	-10,475	-0,012	0,273
CHR11	17956529	CHR11:17956529	SSF x Near_LoA	-8,561	-0,021	0,271
CHR11	17963658	CHR11:17963658	SSF x Near_LoA	-7,345	-0,033	0,298
CHR11	17968437	CHR11:17968437	SSF x Near_LoA	-7,310	0,046	0,297
CHR11	17973157	CHR11:17973157	SSF x Near_LoA	-9,051	0,132	0,284
CHR11	17973160	CHR11:17973160	SSF x Near_LoA	-8,053	0,148	0,279
CHR11	17973173	CHR11:17973173	SSF x Near_LoA	-6,842	-0,110	0,287
CHR11	17973259	CHR11:17973259	SSF x Near_LoA	-6,016	-0,147	0,277
CHR11	17973467	CHR11:17973467	SSF x Near_LoA	-7,671	-0,009	0,293
CHR11	17985161	CHR11:17985161	SSF x Near_LoA	-9,189	-0,070	0,274
CHR11	17985207	CHR11:17985207	SSF x Near_LoA	-8,689	-0,089	0,273
CHR11	17989228	CHR11:17989228	SSF x Near_LoA	-7,051	-0,015	0,293
CHR11	17989255	CHR11:17989255	SSF x Near_LoA	-6,431	0,124	0,289
CHR11	17993203	CHR11:17993203	SSF x Near_LoA	-0,790	0,196	0,276
CHR11	17993239	CHR11:17993239	SSF x Near_LoA	-5,974	0,050	0,294
CHR11	17993344	CHR11:17993344	SSF x Near_LoA	-3,831	0,249	0,256
CHR11	17993364	CHR11:17993364	SSF x Near_LoA	-1,329	0,280	0,267
CHR11	17993390	CHR11:17993390	SSF x Near_LoA	-7,965	-0,093	0,293
CHR11	17993403	CHR11:17993403	SSF x Near_LoA	-6,290	0,205	0,273
CHR11	17993410	CHR11:17993410	SSF x Near_LoA	-8,147	0,060	0,292
CHR11	17993448	CHR11:17993448	SSF x Near_LoA	-6,045	-0,001	0,309
CHR11	17993497	CHR11:17993497	SSF x Near_LoA	-8,273	-0,028	0,283
CHR11	17993513	CHR11:17993513	SSF x Near_LoA	-6,395	0,024	0,309
CHR11	17993554	CHR11:17993554	SSF x Near_LoA	-7,678	-0,087	0,288
CHR11	17993556	CHR11:17993556	SSF x Near_LoA	-7,512	-0,125	0,288
CHR11	17993640	CHR11:17993640	SSF x Near_LoA	-7,244	0,035	0,291
CHR11	18015470	CHR11:18015470	SSF x Near_LoA	-2,828	0,122	0,276
CHR11	18015505	CHR11:18015505	SSF x Near_LoA	-5,384	0,154	0,286
CHR11	18015510	CHR11:18015510	SSF x Near_LoA	-8,357	0,040	0,298
CHR11	18015513	CHR11:18015513	SSF x Near_LoA	-6,379	0,009	0,302
CHR11	18015542	CHR11:18015542	SSF x Near_LoA	-8,213	0,100	0,289
CHR11	18015558	CHR11:18015558	SSF x Near_LoA	-7,688	0,035	0,279
CHR11	18015661	CHR11:18015661	SSF x Near_LoA	-8,492	-0,036	0,275
CHR11	18018984	CHR11:18018984	SSF x Near_LoA	-1,963	0,183	0,285
CHR11	18019009	CHR11:18019009	SSF x Near_LoA	-8,209	0,087	0,276
CHR11	18019013	CHR11:18019013	SSF x Near_LoA	-7,908	0,074	0,279
CHR11	18019014	CHR11:18019014	SSF x Near_LoA	-7,493	0,084	0,286

CHR11	18048075	CHR11:18048075	SSF x Near_LoA	-9,063	0,016	0,293
CHR11	18062807	CHR11:18062807	SSF x Near_LoA	-2,944	-0,175	0,284
CHR11	18062889	CHR11:18062889	SSF x Near_LoA	-5,018	-0,174	0,283
CHR11	18082487	CHR11:18082487	SSF x Near_LoA	-2,164	-0,151	0,287
CHR11	18082583	CHR11:18082583	SSF x Near_LoA	-6,564	-0,054	0,298
CHR11	18082586	CHR11:18082586	SSF x Near_LoA	-8,412	-0,065	0,291
CHR11	18091001	CHR11:18091001	SSF x Near_LoA	-6,037	-0,014	0,297
CHR11	18091032	CHR11:18091032	SSF x Near_LoA	-8,309	0,034	0,292
CHR11	18091121	CHR11:18091121	SSF x Near_LoA	-6,573	-0,029	0,284
CHR11	18100277	CHR11:18100277	SSF x Near_LoA	-8,466	-0,066	0,291
CHR11	18100318	CHR11:18100318	SSF x Near_LoA	-7,329	-0,060	0,285
CHR11	18100356	CHR11:18100356	SSF x Near_LoA	-8,171	-0,051	0,291
CHR11	18100364	CHR11:18100364	SSF x Near_LoA	-8,625	-0,050	0,280
CHR11	18100377	CHR11:18100377	SSF x Near_LoA	-7,158	-0,061	0,288
CHR11	18100380	CHR11:18100380	SSF x Near_LoA	-8,256	-0,042	0,295
CHR11	18100411	CHR11:18100411	SSF x Near_LoA	-8,680	-0,038	0,297
CHR11	18103064	CHR11:18103064	SSF x Near_LoA	-8,656	0,008	0,276
CHR11	18103070	CHR11:18103070	SSF x Near_LoA	-9,990	0,060	0,269
CHR11	18103097	CHR11:18103097	SSF x Near_LoA	-9,861	0,026	0,290
CHR11	18103255	CHR11:18103255	SSF x Near_LoA	-8,557	0,029	0,297
CHR11	18106592	CHR11:18106592	SSF x Near_LoA	-9,665	-0,084	0,294
CHR11	18127033	CHR11:18127033	SSF x Near_LoA	-9,312	-0,057	0,286
CHR11	18127048	CHR11:18127048	SSF x Near_LoA	-9,538	0,082	0,289
CHR11	18127089	CHR11:18127089	SSF x Near_LoA	-7,386	0,051	0,295
CHR11	18127175	CHR11:18127175	SSF x Near_LoA	-7,436	-0,011	0,295
CHR11	18127213	CHR11:18127213	SSF x Near_LoA	-7,732	-0,074	0,280
CHR11	18127238	CHR11:18127238	SSF x Near_LoA	-5,375	0,007	0,291
CHR11	18135545	CHR11:18135545	SSF x Near_LoA	-5,474	0,177	0,273
CHR11	18165930	CHR11:18165930	SSF x Near_LoA	-8,511	-0,187	0,284
CHR11	18166030	CHR11:18166030	SSF x Near_LoA	-9,704	-0,027	0,284
CHR11	18166036	CHR11:18166036	SSF x Near_LoA	-8,132	-0,069	0,295
CHR11	18166060	CHR11:18166060	SSF x Near_LoA	-9,226	0,063	0,294
CHR11	18166141	CHR11:18166141	SSF x Near_LoA	-8,132	0,004	0,279
CHR11	18169226	CHR11:18169226	SSF x Near_LoA	-10,123	-0,066	0,272
CHR11	18169349	CHR11:18169349	SSF x Near_LoA	-8,485	-0,098	0,290
CHR11	18169684	CHR11:18169684	SSF x Near_LoA	-9,030	-0,109	0,291
CHR11	18184393	CHR11:18184393	SSF x Near_LoA	-9,233	0,029	0,295
CHR11	18184471	CHR11:18184471	SSF x Near_LoA	-8,003	-0,040	0,284
CHR11	18185342	CHR11:18185342	SSF x Near_LoA	-7,307	-0,096	0,276
CHR11	18185343	CHR11:18185343	SSF x Near_LoA	-3,918	0,216	0,263
CHR11	18185479	CHR11:18185479	SSF x Near_LoA	-10,080	0,009	0,299
CHR11	18185503	CHR11:18185503	SSF x Near_LoA	1,302	0,056	0,292
CHR11	18189335	CHR11:18189335	SSF x Near_LoA	-9,080	-0,098	0,291
CHR11	18189366	CHR11:18189366	SSF x Near_LoA	-8,388	0,102	0,267
CHR11	18189378	CHR11:18189378	SSF x Near_LoA	-10,276	0,048	0,281
CHR11	18189397	CHR11:18189397	SSF x Near_LoA	-3,238	-0,165	0,289
CHR11	18189453	CHR11:18189453	SSF x Near_LoA	-7,163	0,005	0,292
CHR11	18194303	CHR11:18194303	SSF x Near_LoA	-8,676	0,021	0,273
CHR11	18194317	CHR11:18194317	SSF x Near_LoA	-5,097	-0,025	0,292
CHR11	18194428	CHR11:18194428	SSF x Near_LoA	-7,350	0,071	0,271
CHR11	18194451	CHR11:18194451	SSF x Near_LoA	-8,772	0,031	0,280
CHR11	18202602	CHR11:18202602	SSF x Near_LoA	-8,394	0,115	0,281
CHR11	18202743	CHR11:18202743	SSF x Near_LoA	-7,076	0,008	0,288

CHR11	18202821	CHR11:18202821	SSF x Near_LoA	-7,491	-0,063	0,303
CHR11	18202823	CHR11:18202823	SSF x Near_LoA	-7,839	-0,041	0,274
CHR11	18202826	CHR11:18202826	SSF x Near_LoA	-7,514	-0,046	0,277
CHR11	18202827	CHR11:18202827	SSF x Near_LoA	-7,934	-0,056	0,281
CHR11	18216644	CHR11:18216644	SSF x Near_LoA	-1,726	0,193	0,285
CHR11	18216689	CHR11:18216689	SSF x Near_LoA	-5,774	-0,027	0,302
CHR11	18218777	CHR11:18218777	SSF x Near_LoA	-5,383	-0,119	0,279
CHR11	1822184	CHR11:1822184	SSF x Near_LoA	-9,679	0,035	0,305
CHR11	1822235	CHR11:1822235	SSF x Near_LoA	-10,527	0,037	0,297
CHR11	1822340	CHR11:1822340	SSF x Near_LoA	-10,215	0,049	0,297
CHR11	1822404	CHR11:1822404	SSF x Near_LoA	-4,501	0,131	0,290
CHR11	18242161	CHR11:18242161	SSF x Near_LoA	-8,223	-0,016	0,281
CHR11	18242200	CHR11:18242200	SSF x Near_LoA	-10,304	0,046	0,282
CHR11	18242379	CHR11:18242379	SSF x Near_LoA	-7,506	-0,127	0,294
CHR11	18242441	CHR11:18242441	SSF x Near_LoA	-6,642	0,068	0,288
CHR11	18242499	CHR11:18242499	SSF x Near_LoA	-10,262	0,044	0,281
CHR11	1824603	CHR11:1824603	SSF x Near_LoA	-8,648	0,000	0,287
CHR11	18246068	CHR11:18246068	SSF x Near_LoA	-9,932	0,076	0,293
CHR11	18246080	CHR11:18246080	SSF x Near_LoA	-7,340	-0,050	0,284
CHR11	18246117	CHR11:18246117	SSF x Near_LoA	-9,298	-0,007	0,279
CHR11	18246128	CHR11:18246128	SSF x Near_LoA	-7,252	-0,020	0,301
CHR11	18246199	CHR11:18246199	SSF x Near_LoA	-9,672	0,114	0,269
CHR11	18246282	CHR11:18246282	SSF x Near_LoA	-8,989	0,016	0,294
CHR11	18246313	CHR11:18246313	SSF x Near_LoA	-7,715	0,020	0,284
CHR11	18246325	CHR11:18246325	SSF x Near_LoA	-6,816	-0,090	0,273
CHR11	18246344	CHR11:18246344	SSF x Near_LoA	-6,619	-0,107	0,272
CHR11	18246347	CHR11:18246347	SSF x Near_LoA	-6,511	-0,097	0,272
CHR11	18246353	CHR11:18246353	SSF x Near_LoA	-4,550	-0,072	0,283
CHR11	18246359	CHR11:18246359	SSF x Near_LoA	-8,925	0,094	0,288
CHR11	18246419	CHR11:18246419	SSF x Near_LoA	-8,501	-0,006	0,279
CHR11	18246426	CHR11:18246426	SSF x Near_LoA	-8,348	0,009	0,289
CHR11	18262081	CHR11:18262081	SSF x Near_LoA	-7,953	0,041	0,273
CHR11	18262083	CHR11:18262083	SSF x Near_LoA	-10,507	-0,002	0,293
CHR11	18290106	CHR11:18290106	SSF x Near_LoA	-8,362	0,093	0,275
CHR11	18304869	CHR11:18304869	SSF x Near_LoA	-6,546	-0,021	0,291
CHR11	18304900	CHR11:18304900	SSF x Near_LoA	-6,819	-0,097	0,280
CHR11	18304944	CHR11:18304944	SSF x Near_LoA	-7,310	0,075	0,303
CHR11	18321441	CHR11:18321441	SSF x Near_LoA	-8,297	0,061	0,296
CHR11	18321508	CHR11:18321508	SSF x Near_LoA	-6,592	0,158	0,278
CHR11	18321571	CHR11:18321571	SSF x Near_LoA	-9,175	-0,044	0,281
CHR11	18321574	CHR11:18321574	SSF x Near_LoA	-7,812	0,084	0,280
CHR11	18321831	CHR11:18321831	SSF x Near_LoA	-3,504	-0,222	0,274
CHR11	18327271	CHR11:18327271	SSF x Near_LoA	-10,287	0,029	0,283
CHR11	18328290	CHR11:18328290	SSF x Near_LoA	-7,243	0,093	0,281
CHR11	18328309	CHR11:18328309	SSF x Near_LoA	-7,505	-0,083	0,280
CHR11	18330003	CHR11:18330003	SSF x Near_LoA	-9,049	-0,061	0,271
CHR11	18330042	CHR11:18330042	SSF x Near_LoA	-9,791	-0,050	0,282
CHR11	18361131	CHR11:18361131	SSF x Near_LoA	-7,201	-0,041	0,281
CHR11	18361143	CHR11:18361143	SSF x Near_LoA	-9,119	-0,110	0,286
CHR11	18361179	CHR11:18361179	SSF x Near_LoA	-9,290	0,009	0,300
CHR11	18361439	CHR11:18361439	SSF x Near_LoA	-8,266	0,060	0,276
CHR11	18383121	CHR11:18383121	SSF x Near_LoA	-6,146	0,029	0,295
CHR11	18383176	CHR11:18383176	SSF x Near_LoA	-7,569	-0,134	0,289

CHR11	18396722	CHR11:18396722	SSF x Near_LoA	-8,256	-0,021	0,300
CHR11	18396777	CHR11:18396777	SSF x Near_LoA	-5,812	-0,081	0,286
CHR11	18397576	CHR11:18397576	SSF x Near_LoA	-7,864	0,035	0,279
CHR11	18397579	CHR11:18397579	SSF x Near_LoA	-9,180	0,036	0,285
CHR11	18406013	CHR11:18406013	SSF x Near_LoA	-4,743	-0,143	0,290
CHR11	18406017	CHR11:18406017	SSF x Near_LoA	-5,724	-0,167	0,299
CHR11	18406092	CHR11:18406092	SSF x Near_LoA	-5,002	-0,222	0,256
CHR11	18406194	CHR11:18406194	SSF x Near_LoA	-5,844	-0,191	0,273
CHR11	18408514	CHR11:18408514	SSF x Near_LoA	-5,011	-0,058	0,297
CHR11	18408635	CHR11:18408635	SSF x Near_LoA	-8,207	0,102	0,303
CHR11	18408674	CHR11:18408674	SSF x Near_LoA	-6,490	0,035	0,295
CHR11	18412544	CHR11:18412544	SSF x Near_LoA	-5,782	-0,151	0,281
CHR11	18412573	CHR11:18412573	SSF x Near_LoA	-7,072	-0,157	0,279
CHR11	18412601	CHR11:18412601	SSF x Near_LoA	-5,621	-0,156	0,288
CHR11	18412602	CHR11:18412602	SSF x Near_LoA	-7,052	-0,148	0,272
CHR11	18412726	CHR11:18412726	SSF x Near_LoA	-8,272	-0,001	0,293
CHR11	18417763	CHR11:18417763	SSF x Near_LoA	-7,895	-0,105	0,286
CHR11	18417823	CHR11:18417823	SSF x Near_LoA	-5,770	-0,027	0,290
CHR11	18417847	CHR11:18417847	SSF x Near_LoA	-7,576	-0,037	0,278
CHR11	18417855	CHR11:18417855	SSF x Near_LoA	-7,213	0,072	0,288
CHR11	1843675	CHR11:1843675	SSF x Near_LoA	-7,457	-0,019	0,292
CHR11	1843791	CHR11:1843791	SSF x Near_LoA	-6,079	0,048	0,287
CHR11	1843946	CHR11:1843946	SSF x Near_LoA	-8,142	-0,147	0,285
CHR11	18452025	CHR11:18452025	SSF x Near_LoA	-7,937	0,125	0,288
CHR11	18452051	CHR11:18452051	SSF x Near_LoA	-9,053	0,044	0,293
CHR11	18452118	CHR11:18452118	SSF x Near_LoA	-7,255	0,190	0,280
CHR11	18452207	CHR11:18452207	SSF x Near_LoA	-8,878	0,033	0,285
CHR11	18452227	CHR11:18452227	SSF x Near_LoA	-10,427	-0,076	0,286
CHR11	18453836	CHR11:18453836	SSF x Near_LoA	-1,937	-0,059	0,294
CHR11	18453838	CHR11:18453838	SSF x Near_LoA	-9,250	-0,072	0,290
CHR11	18453872	CHR11:18453872	SSF x Near_LoA	-9,582	0,043	0,290
CHR11	18456092	CHR11:18456092	SSF x Near_LoA	-7,783	-0,113	0,261
CHR11	18456094	CHR11:18456094	SSF x Near_LoA	-6,880	0,167	0,286
CHR11	18464724	CHR11:18464724	SSF x Near_LoA	-4,712	-0,181	0,265
CHR11	18464725	CHR11:18464725	SSF x Near_LoA	-8,274	-0,084	0,284
CHR11	18464743	CHR11:18464743	SSF x Near_LoA	-7,505	-0,136	0,284
CHR11	18464786	CHR11:18464786	SSF x Near_LoA	-3,852	-0,209	0,270
CHR11	18464789	CHR11:18464789	SSF x Near_LoA	-3,932	-0,173	0,280
CHR11	18464807	CHR11:18464807	SSF x Near_LoA	-1,519	-0,212	0,278
CHR11	18478032	CHR11:18478032	SSF x Near_LoA	-6,150	0,134	0,287
CHR11	18478082	CHR11:18478082	SSF x Near_LoA	-8,061	-0,057	0,272
CHR11	18478099	CHR11:18478099	SSF x Near_LoA	-5,510	0,268	0,264
CHR11	18478277	CHR11:18478277	SSF x Near_LoA	-9,980	-0,092	0,295
CHR11	18478293	CHR11:18478293	SSF x Near_LoA	-7,414	-0,137	0,275
CHR11	18478302	CHR11:18478302	SSF x Near_LoA	-2,772	-0,195	0,273
CHR11	1848067	CHR11:1848067	SSF x Near_LoA	-7,154	0,088	0,297
CHR11	18488180	CHR11:18488180	SSF x Near_LoA	-7,222	-0,095	0,278
CHR11	18488295	CHR11:18488295	SSF x Near_LoA	-8,231	-0,013	0,274
CHR11	18492600	CHR11:18492600	SSF x Near_LoA	-8,353	0,122	0,282
CHR11	18495149	CHR11:18495149	SSF x Near_LoA	-7,435	-0,070	0,284
CHR11	18510144	CHR11:18510144	SSF x Near_LoA	-9,315	-0,036	0,286
CHR11	18513657	CHR11:18513657	SSF x Near_LoA	-8,197	0,073	0,303
CHR11	18513962	CHR11:18513962	SSF x Near_LoA	-7,920	0,065	0,283

CHR11	18551415	CHR11:18551415	SSF x Near_LoA	4,757	0,136	0,289
CHR11	18551677	CHR11:18551677	SSF x Near_LoA	-9,289	0,136	0,279
CHR11	18553410	CHR11:18553410	SSF x Near_LoA	-8,624	-0,084	0,280
CHR11	18558979	CHR11:18558979	SSF x Near_LoA	-6,054	-0,135	0,272
CHR11	18559022	CHR11:18559022	SSF x Near_LoA	-8,761	0,060	0,299
CHR11	18559053	CHR11:18559053	SSF x Near_LoA	-6,395	0,101	0,292
CHR11	18560810	CHR11:18560810	SSF x Near_LoA	-8,604	0,112	0,278
CHR11	18560827	CHR11:18560827	SSF x Near_LoA	-8,581	-0,115	0,280
CHR11	18560848	CHR11:18560848	SSF x Near_LoA	-9,171	0,063	0,293
CHR11	18560872	CHR11:18560872	SSF x Near_LoA	-10,055	-0,011	0,281
CHR11	18560949	CHR11:18560949	SSF x Near_LoA	-8,667	-0,094	0,279
CHR11	18562278	CHR11:18562278	SSF x Near_LoA	-6,796	-0,139	0,281
CHR11	18562319	CHR11:18562319	SSF x Near_LoA	-6,948	0,020	0,296
CHR11	18569704	CHR11:18569704	SSF x Near_LoA	-3,746	0,004	0,286
CHR11	18569765	CHR11:18569765	SSF x Near_LoA	-6,605	0,094	0,296
CHR11	18569795	CHR11:18569795	SSF x Near_LoA	-7,510	0,066	0,282
CHR11	18579525	CHR11:18579525	SSF x Near_LoA	-9,179	-0,059	0,285
CHR11	18585073	CHR11:18585073	SSF x Near_LoA	-8,634	-0,007	0,298
CHR11	18592444	CHR11:18592444	SSF x Near_LoA	-5,977	0,041	0,289
CHR11	18592702	CHR11:18592702	SSF x Near_LoA	-9,884	0,040	0,277
CHR11	18592755	CHR11:18592755	SSF x Near_LoA	-6,868	-0,111	0,281
CHR11	18592768	CHR11:18592768	SSF x Near_LoA	-5,870	-0,158	0,288
CHR11	18610504	CHR11:18610504	SSF x Near_LoA	-7,331	-0,035	0,286
CHR11	18615202	CHR11:18615202	SSF x Near_LoA	-9,625	-0,041	0,281
CHR11	18616670	CHR11:18616670	SSF x Near_LoA	-8,534	-0,046	0,283
CHR11	18616710	CHR11:18616710	SSF x Near_LoA	-8,516	0,025	0,288
CHR11	18616734	CHR11:18616734	SSF x Near_LoA	-6,221	-0,183	0,288
CHR11	18616800	CHR11:18616800	SSF x Near_LoA	-8,494	0,032	0,281
CHR11	18616823	CHR11:18616823	SSF x Near_LoA	-8,009	-0,048	0,283
CHR11	18616857	CHR11:18616857	SSF x Near_LoA	-6,766	0,127	0,287
CHR11	18616873	CHR11:18616873	SSF x Near_LoA	-4,241	-0,127	0,284
CHR11	18628404	CHR11:18628404	SSF x Near_LoA	-8,157	0,063	0,287
CHR11	18628435	CHR11:18628435	SSF x Near_LoA	-10,302	0,032	0,283
CHR11	18628532	CHR11:18628532	SSF x Near_LoA	-8,347	-0,053	0,278
CHR11	18632820	CHR11:18632820	SSF x Near_LoA	-7,561	-0,093	0,291
CHR11	18632821	CHR11:18632821	SSF x Near_LoA	-6,973	-0,110	0,277
CHR11	1863575	CHR11:1863575	SSF x Near_LoA	-9,277	0,042	0,303
CHR11	1863749	CHR11:1863749	SSF x Near_LoA	-9,068	0,035	0,301
CHR11	18651444	CHR11:18651444	SSF x Near_LoA	-10,449	0,015	0,284
CHR11	186538	CHR11:186538	SSF x Near_LoA	-9,434	-0,102	0,285
CHR11	18658003	CHR11:18658003	SSF x Near_LoA	-9,497	-0,001	0,284
CHR11	186669	CHR11:186669	SSF x Near_LoA	-6,161	-0,119	0,288
CHR11	186676	CHR11:186676	SSF x Near_LoA	-6,700	0,211	0,273
CHR11	18672565	CHR11:18672565	SSF x Near_LoA	-7,576	-0,070	0,291
CHR11	18675695	CHR11:18675695	SSF x Near_LoA	-5,043	-0,078	0,296
CHR11	18683421	CHR11:18683421	SSF x Near_LoA	-7,357	0,052	0,294
CHR11	18683505	CHR11:18683505	SSF x Near_LoA	-9,842	0,109	0,265
CHR11	18683681	CHR11:18683681	SSF x Near_LoA	-8,070	0,021	0,275
CHR11	18685043	CHR11:18685043	SSF x Near_LoA	-8,519	-0,073	0,284
CHR11	18685049	CHR11:18685049	SSF x Near_LoA	-2,460	-0,096	0,300
CHR11	18685051	CHR11:18685051	SSF x Near_LoA	-6,023	0,169	0,259
CHR11	18685109	CHR11:18685109	SSF x Near_LoA	-8,579	-0,063	0,277
CHR11	1868935	CHR11:1868935	SSF x Near_LoA	-7,618	0,063	0,283

CHR11	1868959	CHR11:1868959	SSF x Near_LoA	-6,708	-0,034	0,293
CHR11	1868965	CHR11:1868965	SSF x Near_LoA	-9,093	-0,001	0,298
CHR11	1868975	CHR11:1868975	SSF x Near_LoA	-7,609	-0,146	0,281
CHR11	18690246	CHR11:1869024	SSF x Near_LoA	-2,544	-0,160	0,299
CHR11	1869060	CHR11:1869060	SSF x Near_LoA	-10,230	0,017	0,295
CHR11	1869115	CHR11:1869115	SSF x Near_LoA	-5,772	0,209	0,275
CHR11	1869136	CHR11:1869136	SSF x Near_LoA	-8,858	-0,039	0,276
CHR11	1869157	CHR11:1869157	SSF x Near_LoA	-0,246	-0,271	0,269
CHR11	18692888	CHR11:1869288	SSF x Near_LoA	-8,361	-0,080	0,272
CHR11	18692935	CHR11:1869293	SSF x Near_LoA	-7,962	0,018	0,287
CHR11	18700714	CHR11:1870071	SSF x Near_LoA	-10,329	-0,040	0,293
CHR11	18700772	CHR11:1870077	SSF x Near_LoA	-9,508	-0,124	0,284
CHR11	18741561	CHR11:1874156	SSF x Near_LoA	-9,988	-0,090	0,270
CHR11	18741631	CHR11:1874163	SSF x Near_LoA	1,851	0,260	0,252
CHR11	18754997	CHR11:1875499	SSF x Near_LoA	-5,817	-0,094	0,288
CHR11	1876493	CHR11:1876493	SSF x Near_LoA	-9,463	-0,004	0,303
CHR11	1876545	CHR11:1876545	SSF x Near_LoA	-7,667	0,049	0,289
CHR11	18769557	CHR11:1876955	SSF x Near_LoA	-8,711	-0,071	0,277
CHR11	18769570	CHR11:1876957	SSF x Near_LoA	-8,555	-0,071	0,274
CHR11	1882192	CHR11:1882192	SSF x Near_LoA	-10,104	0,043	0,287
CHR11	1882243	CHR11:1882243	SSF x Near_LoA	-9,761	0,026	0,282
CHR11	1892959	CHR11:1892959	SSF x Near_LoA	-8,378	0,051	0,299
CHR11	1892992	CHR11:1892992	SSF x Near_LoA	-8,066	0,015	0,295
CHR11	1900044	CHR11:1900044	SSF x Near_LoA	-5,602	0,091	0,287
CHR11	1900077	CHR11:1900077	SSF x Near_LoA	-7,535	-0,022	0,301
CHR11	1900103	CHR11:1900103	SSF x Near_LoA	-8,734	0,085	0,295
CHR11	1900112	CHR11:1900112	SSF x Near_LoA	-8,385	0,076	0,283
CHR11	1900134	CHR11:1900134	SSF x Near_LoA	-10,679	-0,058	0,282
CHR11	1901796	CHR11:1901796	SSF x Near_LoA	-8,004	-0,016	0,303
CHR11	1901917	CHR11:1901917	SSF x Near_LoA	-6,518	0,129	0,269
CHR11	1901923	CHR11:1901923	SSF x Near_LoA	-6,047	0,128	0,277
CHR11	1901980	CHR11:1901980	SSF x Near_LoA	-7,642	-0,051	0,290
CHR11	1902009	CHR11:1902009	SSF x Near_LoA	-8,627	-0,025	0,284
CHR11	1902014	CHR11:1902014	SSF x Near_LoA	-7,620	0,000	0,285
CHR11	1907629	CHR11:1907629	SSF x Near_LoA	6,618	-0,286	0,270
CHR11	1909262	CHR11:1909262	SSF x Near_LoA	-8,122	-0,037	0,283
CHR11	1910660	CHR11:1910660	SSF x Near_LoA	-9,582	-0,011	0,285
CHR11	1910850	CHR11:1910850	SSF x Near_LoA	-9,934	0,045	0,284
CHR11	1919806	CHR11:1919806	SSF x Near_LoA	-7,542	0,004	0,290
CHR11	1952981	CHR11:1952981	SSF x Near_LoA	-4,978	-0,137	0,285
CHR11	1953199	CHR11:1953199	SSF x Near_LoA	-5,632	0,169	0,290
CHR11	1954716	CHR11:1954716	SSF x Near_LoA	-8,214	0,113	0,283
CHR11	1958172	CHR11:1958172	SSF x Near_LoA	-7,669	0,063	0,286
CHR11	1959309	CHR11:1959309	SSF x Near_LoA	-8,410	0,090	0,279
CHR11	1959316	CHR11:1959316	SSF x Near_LoA	-2,432	0,143	0,284
CHR11	1959366	CHR11:1959366	SSF x Near_LoA	-6,226	0,136	0,268
CHR11	1980398	CHR11:1980398	SSF x Near_LoA	-10,516	0,085	0,277
CHR11	1994430	CHR11:1994430	SSF x Near_LoA	-8,535	0,027	0,275
CHR11	1994477	CHR11:1994477	SSF x Near_LoA	-7,048	-0,028	0,288
CHR11	2004382	CHR11:2004382	SSF x Near_LoA	-7,301	0,036	0,282
CHR11	2004605	CHR11:2004605	SSF x Near_LoA	-7,467	0,051	0,285
CHR11	2010254	CHR11:2010254	SSF x Near_LoA	-8,974	0,156	0,288
CHR11	2012109	CHR11:2012109	SSF x Near_LoA	-7,508	0,119	0,279

CHR11	2012120	CHR11:2012120	SSF x Near_LoA	-7,463	0,148	0,274
CHR11	2012167	CHR11:2012167	SSF x Near_LoA	-6,708	0,033	0,286
CHR11	2012187	CHR11:2012187	SSF x Near_LoA	-7,238	0,024	0,293
CHR11	2021357	CHR11:2021357	SSF x Near_LoA	-3,346	0,146	0,281
CHR11	2021383	CHR11:2021383	SSF x Near_LoA	-7,504	-0,097	0,281
CHR11	2021410	CHR11:2021410	SSF x Near_LoA	-8,303	0,053	0,310
CHR11	2021490	CHR11:2021490	SSF x Near_LoA	-9,099	0,007	0,278
CHR11	2021512	CHR11:2021512	SSF x Near_LoA	-4,917	-0,160	0,277
CHR11	2021513	CHR11:2021513	SSF x Near_LoA	1,799	-0,174	0,270
CHR11	2021748	CHR11:2021748	SSF x Near_LoA	-8,412	-0,084	0,274
CHR11	2050185	CHR11:2050185	SSF x Near_LoA	-7,277	-0,052	0,294
CHR11	2050190	CHR11:2050190	SSF x Near_LoA	-8,160	-0,047	0,281
CHR11	2050251	CHR11:2050251	SSF x Near_LoA	-6,906	-0,092	0,294
CHR11	2050272	CHR11:2050272	SSF x Near_LoA	-10,374	0,081	0,287
CHR11	2050278	CHR11:2050278	SSF x Near_LoA	-4,657	-0,154	0,279
CHR11	2050308	CHR11:2050308	SSF x Near_LoA	-5,488	0,137	0,284
CHR11	2050311	CHR11:2050311	SSF x Near_LoA	-7,281	0,138	0,285
CHR11	2050352	CHR11:2050352	SSF x Near_LoA	-8,528	0,139	0,275
CHR11	2050364	CHR11:2050364	SSF x Near_LoA	-5,450	-0,158	0,285
CHR11	2058251	CHR11:2058251	SSF x Near_LoA	-10,415	-0,073	0,285
CHR11	2058296	CHR11:2058296	SSF x Near_LoA	-7,387	0,017	0,297
CHR11	2066103	CHR11:2066103	SSF x Near_LoA	-8,958	0,081	0,277
CHR11	2066173	CHR11:2066173	SSF x Near_LoA	-6,620	0,158	0,283
CHR11	2066174	CHR11:2066174	SSF x Near_LoA	-5,707	0,117	0,296
CHR11	2066509	CHR11:2066509	SSF x Near_LoA	-8,006	0,031	0,289
CHR11	2066533	CHR11:2066533	SSF x Near_LoA	-3,310	0,215	0,288
CHR11	2081310	CHR11:2081310	SSF x Near_LoA	-9,248	-0,011	0,299
CHR11	2085229	CHR11:2085229	SSF x Near_LoA	-8,832	-0,042	0,266
CHR11	2094995	CHR11:2094995	SSF x Near_LoA	-8,464	0,125	0,271
CHR11	2100676	CHR11:2100676	SSF x Near_LoA	-8,240	0,104	0,274
CHR11	2119642	CHR11:2119642	SSF x Near_LoA	-10,675	0,055	0,273
CHR11	212812	CHR11:212812	SSF x Near_LoA	-7,575	-0,016	0,297
CHR11	212848	CHR11:212848	SSF x Near_LoA	-2,840	-0,127	0,278
CHR11	212879	CHR11:212879	SSF x Near_LoA	-7,977	0,129	0,284
CHR11	212886	CHR11:212886	SSF x Near_LoA	-7,406	0,146	0,283
CHR11	2161774	CHR11:2161774	SSF x Near_LoA	-10,523	-0,002	0,283
CHR11	2179249	CHR11:2179249	SSF x Near_LoA	-9,315	-0,004	0,283
CHR11	2179276	CHR11:2179276	SSF x Near_LoA	-7,301	-0,076	0,299
CHR11	2179297	CHR11:2179297	SSF x Near_LoA	-6,109	-0,185	0,283
CHR11	2179497	CHR11:2179497	SSF x Near_LoA	-9,942	0,005	0,290
CHR11	2179505	CHR11:2179505	SSF x Near_LoA	-6,659	-0,194	0,275
CHR11	2179599	CHR11:2179599	SSF x Near_LoA	-7,626	-0,183	0,276
CHR11	2179605	CHR11:2179605	SSF x Near_LoA	-6,449	-0,239	0,254
CHR11	2192846	CHR11:2192846	SSF x Near_LoA	-8,117	0,054	0,282
CHR11	2197967	CHR11:2197967	SSF x Near_LoA	-11,311	0,045	0,286
CHR11	2223258	CHR11:2223258	SSF x Near_LoA	-8,042	-0,066	0,302
CHR11	2227777	CHR11:2227777	SSF x Near_LoA	-6,884	-0,117	0,278
CHR11	224046	CHR11:224046	SSF x Near_LoA	9,929	0,128	0,287
CHR11	2259804	CHR11:2259804	SSF x Near_LoA	-9,680	-0,112	0,279
CHR11	2271746	CHR11:2271746	SSF x Near_LoA	-8,968	0,002	0,285
CHR11	2271936	CHR11:2271936	SSF x Near_LoA	-8,279	0,106	0,287
CHR11	2272008	CHR11:2272008	SSF x Near_LoA	-1,009	0,316	0,269
CHR11	2272026	CHR11:2272026	SSF x Near_LoA	-7,548	0,081	0,298

CHR11	2272027	CHR11:2272027	SSF x Near_LoA	-8,531	0,027	0,287
CHR11	2272061	CHR11:2272061	SSF x Near_LoA	-7,726	0,053	0,292
CHR11	2274407	CHR11:2274407	SSF x Near_LoA	-7,175	-0,081	0,288
CHR11	2274413	CHR11:2274413	SSF x Near_LoA	-9,799	-0,042	0,288
CHR11	2274583	CHR11:2274583	SSF x Near_LoA	-7,584	0,094	0,305
CHR11	2274685	CHR11:2274685	SSF x Near_LoA	-7,531	-0,070	0,276
CHR11	2274770	CHR11:2274770	SSF x Near_LoA	-2,779	-0,135	0,289
CHR11	2280606	CHR11:2280606	SSF x Near_LoA	-7,694	0,073	0,302
CHR11	2280862	CHR11:2280862	SSF x Near_LoA	-7,866	0,007	0,284
CHR11	2280895	CHR11:2280895	SSF x Near_LoA	-8,423	-0,019	0,287
CHR11	2280898	CHR11:2280898	SSF x Near_LoA	-8,030	-0,032	0,286
CHR11	2280901	CHR11:2280901	SSF x Near_LoA	-7,796	-0,020	0,295
CHR11	2304046	CHR11:2304046	SSF x Near_LoA	-7,316	-0,128	0,303
CHR11	2304060	CHR11:2304060	SSF x Near_LoA	-5,992	0,117	0,279
CHR11	2304166	CHR11:2304166	SSF x Near_LoA	-8,721	0,095	0,282
CHR11	2304167	CHR11:2304167	SSF x Near_LoA	-7,640	0,004	0,297
CHR11	2304221	CHR11:2304221	SSF x Near_LoA	-5,795	-0,099	0,276
CHR11	2314466	CHR11:2314466	SSF x Near_LoA	-5,628	-0,204	0,283
CHR11	2314498	CHR11:2314498	SSF x Near_LoA	-6,317	0,044	0,297
CHR11	2314770	CHR11:2314770	SSF x Near_LoA	-10,385	0,020	0,269
CHR11	2314772	CHR11:2314772	SSF x Near_LoA	-9,646	0,001	0,286
CHR11	2314784	CHR11:2314784	SSF x Near_LoA	-9,994	0,041	0,273
CHR11	2314786	CHR11:2314786	SSF x Near_LoA	-9,637	0,011	0,289
CHR11	2314798	CHR11:2314798	SSF x Near_LoA	-9,785	-0,051	0,290
CHR11	2333751	CHR11:2333751	SSF x Near_LoA	-7,854	-0,096	0,271
CHR11	2341211	CHR11:2341211	SSF x Near_LoA	-5,823	0,166	0,264
CHR11	2341249	CHR11:2341249	SSF x Near_LoA	-6,462	-0,143	0,287
CHR11	2344271	CHR11:2344271	SSF x Near_LoA	-11,116	-0,035	0,283
CHR11	2344495	CHR11:2344495	SSF x Near_LoA	-9,437	0,033	0,288
CHR11	2352398	CHR11:2352398	SSF x Near_LoA	-7,968	-0,007	0,292
CHR11	2421192	CHR11:2421192	SSF x Near_LoA	-7,648	0,029	0,280
CHR11	2426852	CHR11:2426852	SSF x Near_LoA	-5,054	0,074	0,277
CHR11	2427478	CHR11:2427478	SSF x Near_LoA	-6,510	0,018	0,292
CHR11	2435697	CHR11:2435697	SSF x Near_LoA	-7,592	0,068	0,287
CHR11	2435844	CHR11:2435844	SSF x Near_LoA	-7,251	-0,028	0,307
CHR11	2441683	CHR11:2441683	SSF x Near_LoA	-9,000	-0,033	0,278
CHR11	2466913	CHR11:2466913	SSF x Near_LoA	-7,092	0,041	0,291
CHR11	2466931	CHR11:2466931	SSF x Near_LoA	-6,112	-0,125	0,278
CHR11	2506315	CHR11:2506315	SSF x Near_LoA	-8,049	-0,058	0,293
CHR11	2515217	CHR11:2515217	SSF x Near_LoA	-9,680	0,062	0,280
CHR11	2530863	CHR11:2530863	SSF x Near_LoA	-7,194	-0,111	0,293
CHR11	2536678	CHR11:2536678	SSF x Near_LoA	-9,599	-0,115	0,298
CHR11	2536802	CHR11:2536802	SSF x Near_LoA	-6,182	-0,195	0,280
CHR11	2545284	CHR11:2545284	SSF x Near_LoA	-7,795	-0,033	0,274
CHR11	2555558	CHR11:2555558	SSF x Near_LoA	-9,563	-0,035	0,288
CHR11	2555571	CHR11:2555571	SSF x Near_LoA	-9,253	0,059	0,287
CHR11	2555745	CHR11:2555745	SSF x Near_LoA	-9,899	-0,041	0,288
CHR11	2569186	CHR11:2569186	SSF x Near_LoA	-8,174	0,009	0,297
CHR11	2603031	CHR11:2603031	SSF x Near_LoA	-7,397	-0,069	0,289
CHR11	2603040	CHR11:2603040	SSF x Near_LoA	-5,691	-0,155	0,282
CHR11	2603081	CHR11:2603081	SSF x Near_LoA	-3,855	0,216	0,271
CHR11	2603243	CHR11:2603243	SSF x Near_LoA	-8,819	-0,163	0,272
CHR11	2639925	CHR11:2639925	SSF x Near_LoA	-6,547	-0,035	0,294

CHR11	2640050	CHR11:2640050	SSF x Near_LoA	-10,283	-0,048	0,281
CHR11	2640157	CHR11:2640157	SSF x Near_LoA	-8,413	0,036	0,297
CHR11	2640189	CHR11:2640189	SSF x Near_LoA	-9,299	-0,013	0,293
CHR11	2649293	CHR11:2649293	SSF x Near_LoA	-7,067	0,024	0,270
CHR11	2653838	CHR11:2653838	SSF x Near_LoA	-1,505	0,283	0,272
CHR11	266276	CHR11:266276	SSF x Near_LoA	-8,374	-0,053	0,290
CHR11	266413	CHR11:266413	SSF x Near_LoA	-6,177	0,053	0,284
CHR11	2703661	CHR11:2703661	SSF x Near_LoA	-7,655	-0,013	0,295
CHR11	2703704	CHR11:2703704	SSF x Near_LoA	-5,174	0,269	0,281
CHR11	2703776	CHR11:2703776	SSF x Near_LoA	-4,507	0,135	0,285
CHR11	2703830	CHR11:2703830	SSF x Near_LoA	-7,582	-0,118	0,277
CHR11	2703855	CHR11:2703855	SSF x Near_LoA	-8,087	-0,018	0,279
CHR11	2707691	CHR11:2707691	SSF x Near_LoA	-7,676	0,067	0,281
CHR11	2707710	CHR11:2707710	SSF x Near_LoA	-0,471	0,031	0,289
CHR11	2845635	CHR11:2845635	SSF x Near_LoA	-4,722	-0,262	0,264
CHR11	2861147	CHR11:2861147	SSF x Near_LoA	-10,443	-0,090	0,282
CHR11	2861180	CHR11:2861180	SSF x Near_LoA	-7,514	-0,036	0,294
CHR11	2861386	CHR11:2861386	SSF x Near_LoA	-4,343	-0,203	0,275
CHR11	2861464	CHR11:2861464	SSF x Near_LoA	-4,393	-0,209	0,277
CHR11	2867841	CHR11:2867841	SSF x Near_LoA	-7,935	0,024	0,286
CHR11	2868027	CHR11:2868027	SSF x Near_LoA	-10,129	0,036	0,280
CHR11	2868033	CHR11:2868033	SSF x Near_LoA	-9,605	0,029	0,288
CHR11	2868059	CHR11:2868059	SSF x Near_LoA	-7,438	-0,015	0,291
CHR11	2868097	CHR11:2868097	SSF x Near_LoA	-2,927	0,196	0,268
CHR11	2868116	CHR11:2868116	SSF x Near_LoA	5,980	0,213	0,279
CHR11	2868117	CHR11:2868117	SSF x Near_LoA	-4,388	0,193	0,281
CHR11	2868123	CHR11:2868123	SSF x Near_LoA	-3,604	0,234	0,278
CHR11	2868126	CHR11:2868126	SSF x Near_LoA	-4,746	0,204	0,277
CHR11	2868129	CHR11:2868129	SSF x Near_LoA	-3,257	0,227	0,281
CHR11	2871927	CHR11:2871927	SSF x Near_LoA	-5,695	-0,229	0,268
CHR11	2871928	CHR11:2871928	SSF x Near_LoA	-2,620	-0,209	0,275
CHR11	2871944	CHR11:2871944	SSF x Near_LoA	0,978	-0,221	0,278
CHR11	2871954	CHR11:2871954	SSF x Near_LoA	-4,812	-0,206	0,279
CHR11	2872006	CHR11:2872006	SSF x Near_LoA	-1,704	-0,208	0,271
CHR11	2872042	CHR11:2872042	SSF x Near_LoA	-6,946	0,019	0,305
CHR11	2872088	CHR11:2872088	SSF x Near_LoA	-9,815	0,065	0,292
CHR11	2876404	CHR11:2876404	SSF x Near_LoA	-2,614	-0,121	0,285
CHR11	2876425	CHR11:2876425	SSF x Near_LoA	-6,884	0,123	0,282
CHR11	2876649	CHR11:2876649	SSF x Near_LoA	-7,899	0,066	0,285
CHR11	2894309	CHR11:2894309	SSF x Near_LoA	-9,043	-0,135	0,285
CHR11	2900336	CHR11:2900336	SSF x Near_LoA	-5,393	-0,142	0,283
CHR11	2900705	CHR11:2900705	SSF x Near_LoA	-7,605	0,068	0,292
CHR11	2915734	CHR11:2915734	SSF x Near_LoA	-8,757	-0,145	0,280
CHR11	2915788	CHR11:2915788	SSF x Near_LoA	-4,450	-0,201	0,272
CHR11	2915818	CHR11:2915818	SSF x Near_LoA	-7,205	0,041	0,297
CHR11	2915855	CHR11:2915855	SSF x Near_LoA	-6,635	-0,052	0,290
CHR11	2915903	CHR11:2915903	SSF x Near_LoA	-6,024	0,213	0,272
CHR11	2915906	CHR11:2915906	SSF x Near_LoA	-7,364	0,113	0,276
CHR11	2915920	CHR11:2915920	SSF x Near_LoA	-8,746	-0,100	0,285
CHR11	2915975	CHR11:2915975	SSF x Near_LoA	-5,806	0,103	0,285
CHR11	2920768	CHR11:2920768	SSF x Near_LoA	-7,336	0,103	0,277
CHR11	2920859	CHR11:2920859	SSF x Near_LoA	-7,206	-0,043	0,298
CHR11	2920872	CHR11:2920872	SSF x Near_LoA	-9,222	0,033	0,289

CHR11	2920951	CHR11:2920951	SSF x Near_LoA	-5,637	-0,055	0,288
CHR11	2920957	CHR11:2920957	SSF x Near_LoA	-6,578	-0,014	0,294
CHR11	2926923	CHR11:2926923	SSF x Near_LoA	-4,354	0,010	0,293
CHR11	2926942	CHR11:2926942	SSF x Near_LoA	-4,672	0,041	0,290
CHR11	2928789	CHR11:2928789	SSF x Near_LoA	-8,307	-0,091	0,272
CHR11	2929803	CHR11:2929803	SSF x Near_LoA	-8,403	0,000	0,278
CHR11	2929919	CHR11:2929919	SSF x Near_LoA	-5,570	-0,230	0,264
CHR11	2929996	CHR11:2929996	SSF x Near_LoA	-8,647	0,056	0,290
CHR11	2930092	CHR11:2930092	SSF x Near_LoA	2,601	-0,212	0,268
CHR11	2944167	CHR11:2944167	SSF x Near_LoA	11,675	-0,059	0,294
CHR11	2947147	CHR11:2947147	SSF x Near_LoA	-7,936	0,009	0,279
CHR11	2953945	CHR11:2953945	SSF x Near_LoA	-8,867	0,082	0,282
CHR11	2953949	CHR11:2953949	SSF x Near_LoA	-6,986	0,097	0,264
CHR11	2953953	CHR11:2953953	SSF x Near_LoA	-6,784	0,091	0,290
CHR11	2954203	CHR11:2954203	SSF x Near_LoA	-6,304	0,166	0,277
CHR11	2954226	CHR11:2954226	SSF x Near_LoA	-0,333	0,154	0,292
CHR11	2954275	CHR11:2954275	SSF x Near_LoA	-6,588	-0,087	0,290
CHR11	2954315	CHR11:2954315	SSF x Near_LoA	-7,823	0,129	0,274
CHR11	2983761	CHR11:2983761	SSF x Near_LoA	-4,611	-0,172	0,281
CHR11	2983771	CHR11:2983771	SSF x Near_LoA	-1,114	-0,154	0,270
CHR11	2983805	CHR11:2983805	SSF x Near_LoA	-10,463	-0,028	0,266
CHR11	2983837	CHR11:2983837	SSF x Near_LoA	-6,195	0,091	0,279
CHR11	2983842	CHR11:2983842	SSF x Near_LoA	-6,230	-0,035	0,276
CHR11	2983883	CHR11:2983883	SSF x Near_LoA	-9,315	-0,018	0,281
CHR11	2984135	CHR11:2984135	SSF x Near_LoA	-8,763	-0,045	0,285
CHR11	2984170	CHR11:2984170	SSF x Near_LoA	-6,538	0,101	0,291
CHR11	2984174	CHR11:2984174	SSF x Near_LoA	-10,375	-0,020	0,288
CHR11	2992286	CHR11:2992286	SSF x Near_LoA	-6,524	-0,097	0,293
CHR11	300274	CHR11:300274	SSF x Near_LoA	-6,492	0,058	0,285
CHR11	3014548	CHR11:3014548	SSF x Near_LoA	-9,847	0,023	0,292
CHR11	3014583	CHR11:3014583	SSF x Near_LoA	-6,545	-0,003	0,302
CHR11	3014626	CHR11:3014626	SSF x Near_LoA	-9,198	-0,064	0,278
CHR11	3017266	CHR11:3017266	SSF x Near_LoA	-7,874	0,053	0,283
CHR11	3017291	CHR11:3017291	SSF x Near_LoA	-7,689	-0,100	0,284
CHR11	3017301	CHR11:3017301	SSF x Near_LoA	-7,238	-0,062	0,291
CHR11	3057135	CHR11:3057135	SSF x Near_LoA	-7,037	-0,139	0,276
CHR11	3057232	CHR11:3057232	SSF x Near_LoA	-8,449	0,104	0,287
CHR11	3057237	CHR11:3057237	SSF x Near_LoA	-8,364	0,049	0,278
CHR11	3076381	CHR11:3076381	SSF x Near_LoA	-6,984	-0,069	0,300
CHR11	3076702	CHR11:3076702	SSF x Near_LoA	-4,096	0,124	0,287
CHR11	3076768	CHR11:3076768	SSF x Near_LoA	-9,256	0,087	0,288
CHR11	3112313	CHR11:3112313	SSF x Near_LoA	-9,754	0,040	0,281
CHR11	3114998	CHR11:3114998	SSF x Near_LoA	-8,839	-0,093	0,287
CHR11	3114999	CHR11:3114999	SSF x Near_LoA	-8,280	-0,082	0,289
CHR11	3115000	CHR11:3115000	SSF x Near_LoA	-8,951	-0,087	0,295
CHR11	3115127	CHR11:3115127	SSF x Near_LoA	-10,076	-0,034	0,292
CHR11	3117752	CHR11:3117752	SSF x Near_LoA	-7,688	0,080	0,283
CHR11	3117812	CHR11:3117812	SSF x Near_LoA	-6,124	0,040	0,293
CHR11	3127206	CHR11:3127206	SSF x Near_LoA	-6,695	-0,089	0,286
CHR11	3127207	CHR11:3127207	SSF x Near_LoA	-9,698	0,083	0,282
CHR11	3127283	CHR11:3127283	SSF x Near_LoA	-7,063	-0,033	0,295
CHR11	3129842	CHR11:3129842	SSF x Near_LoA	-6,264	0,163	0,286
CHR11	3151743	CHR11:3151743	SSF x Near_LoA	-8,464	0,018	0,281

CHR11	3161336	CHR11:3161336	SSF x Near_LoA	-9,482	-0,025	0,296
CHR11	3161371	CHR11:3161371	SSF x Near_LoA	-7,737	0,007	0,287
CHR11	3161383	CHR11:3161383	SSF x Near_LoA	-7,855	0,018	0,275
CHR11	3167344	CHR11:3167344	SSF x Near_LoA	-9,538	-0,080	0,291
CHR11	3167369	CHR11:3167369	SSF x Near_LoA	-8,057	0,012	0,286
CHR11	3167405	CHR11:3167405	SSF x Near_LoA	-5,503	-0,029	0,290
CHR11	3167438	CHR11:3167438	SSF x Near_LoA	-7,888	0,006	0,275
CHR11	3175563	CHR11:3175563	SSF x Near_LoA	-8,258	0,032	0,292
CHR11	3175734	CHR11:3175734	SSF x Near_LoA	-7,873	0,001	0,283
CHR11	3182434	CHR11:3182434	SSF x Near_LoA	-8,523	-0,031	0,297
CHR11	3182451	CHR11:3182451	SSF x Near_LoA	-0,475	-0,062	0,291
CHR11	3182488	CHR11:3182488	SSF x Near_LoA	-7,996	-0,084	0,276
CHR11	3182509	CHR11:3182509	SSF x Near_LoA	-8,343	0,035	0,283
CHR11	3182551	CHR11:3182551	SSF x Near_LoA	-8,706	0,052	0,286
CHR11	3182592	CHR11:3182592	SSF x Near_LoA	0,244	0,129	0,289
CHR11	3184844	CHR11:3184844	SSF x Near_LoA	-8,107	0,061	0,270
CHR11	3197926	CHR11:3197926	SSF x Near_LoA	-6,910	0,049	0,296
CHR11	3197985	CHR11:3197985	SSF x Near_LoA	-9,454	0,051	0,295
CHR11	3198754	CHR11:3198754	SSF x Near_LoA	-10,062	0,050	0,278
CHR11	3211331	CHR11:3211331	SSF x Near_LoA	-7,206	0,034	0,285
CHR11	3211418	CHR11:3211418	SSF x Near_LoA	-7,265	0,088	0,283
CHR11	3211427	CHR11:3211427	SSF x Near_LoA	-6,247	0,106	0,288
CHR11	3211450	CHR11:3211450	SSF x Near_LoA	-8,780	-0,029	0,294
CHR11	3211453	CHR11:3211453	SSF x Near_LoA	-5,974	-0,078	0,279
CHR11	3211471	CHR11:3211471	SSF x Near_LoA	-8,015	-0,005	0,298
CHR11	3211476	CHR11:3211476	SSF x Near_LoA	-7,843	-0,014	0,296
CHR11	3213432	CHR11:3213432	SSF x Near_LoA	-7,322	0,119	0,296
CHR11	3213471	CHR11:3213471	SSF x Near_LoA	-6,701	-0,028	0,286
CHR11	3213489	CHR11:3213489	SSF x Near_LoA	-8,854	0,013	0,303
CHR11	3213490	CHR11:3213490	SSF x Near_LoA	-7,271	0,021	0,285
CHR11	3213511	CHR11:3213511	SSF x Near_LoA	-9,953	-0,014	0,300
CHR11	3213512	CHR11:3213512	SSF x Near_LoA	-7,272	-0,071	0,291
CHR11	3213518	CHR11:3213518	SSF x Near_LoA	-10,590	-0,014	0,278
CHR11	3213549	CHR11:3213549	SSF x Near_LoA	-5,758	0,102	0,293
CHR11	3213552	CHR11:3213552	SSF x Near_LoA	-6,666	-0,074	0,291
CHR11	3213590	CHR11:3213590	SSF x Near_LoA	-5,691	0,160	0,278
CHR11	3213652	CHR11:3213652	SSF x Near_LoA	-6,312	0,040	0,285
CHR11	3215341	CHR11:3215341	SSF x Near_LoA	-8,096	0,040	0,288
CHR11	3215352	CHR11:3215352	SSF x Near_LoA	-6,825	-0,037	0,297
CHR11	3215361	CHR11:3215361	SSF x Near_LoA	-6,380	0,161	0,285
CHR11	3226850	CHR11:3226850	SSF x Near_LoA	-7,471	0,206	0,278
CHR11	3226882	CHR11:3226882	SSF x Near_LoA	-3,036	-0,162	0,289
CHR11	3226987	CHR11:3226987	SSF x Near_LoA	-3,552	0,177	0,269
CHR11	3227046	CHR11:3227046	SSF x Near_LoA	-8,321	-0,045	0,294
CHR11	3230528	CHR11:3230528	SSF x Near_LoA	-7,915	0,136	0,295
CHR11	3270049	CHR11:3270049	SSF x Near_LoA	-7,930	-0,093	0,288
CHR11	3270051	CHR11:3270051	SSF x Near_LoA	-5,812	-0,172	0,282
CHR11	3271417	CHR11:3271417	SSF x Near_LoA	-8,673	0,080	0,293
CHR11	3271466	CHR11:3271466	SSF x Near_LoA	-6,700	-0,005	0,295
CHR11	3271499	CHR11:3271499	SSF x Near_LoA	-9,160	0,038	0,291
CHR11	3271513	CHR11:3271513	SSF x Near_LoA	-6,553	-0,025	0,284
CHR11	3302891	CHR11:3302891	SSF x Near_LoA	-5,567	-0,055	0,278
CHR11	3302937	CHR11:3302937	SSF x Near_LoA	-9,631	-0,040	0,297

CHR11	3303626	CHR11:3303626	SSF x Near_LoA	-8,493	-0,002	0,281
CHR11	330773	CHR11:330773	SSF x Near_LoA	-9,855	0,072	0,289
CHR11	3320066	CHR11:3320066	SSF x Near_LoA	-7,178	-0,053	0,302
CHR11	3320186	CHR11:3320186	SSF x Near_LoA	-7,756	-0,108	0,303
CHR11	3320246	CHR11:3320246	SSF x Near_LoA	-8,605	-0,021	0,281
CHR11	3321455	CHR11:3321455	SSF x Near_LoA	-9,271	-0,107	0,274
CHR11	3326354	CHR11:3326354	SSF x Near_LoA	-6,839	0,083	0,291
CHR11	3326375	CHR11:3326375	SSF x Near_LoA	-10,664	0,035	0,281
CHR11	3334696	CHR11:3334696	SSF x Near_LoA	-7,594	0,085	0,286
CHR11	3357330	CHR11:3357330	SSF x Near_LoA	-7,144	-0,024	0,287
CHR11	3357378	CHR11:3357378	SSF x Near_LoA	-7,283	0,083	0,297
CHR11	3357384	CHR11:3357384	SSF x Near_LoA	-6,011	0,071	0,309
CHR11	3357702	CHR11:3357702	SSF x Near_LoA	-9,615	-0,067	0,283
CHR11	3357789	CHR11:3357789	SSF x Near_LoA	-8,186	-0,074	0,287
CHR11	336314	CHR11:336314	SSF x Near_LoA	-8,445	-0,114	0,289
CHR11	336653	CHR11:336653	SSF x Near_LoA	-8,028	0,054	0,285
CHR11	3379272	CHR11:3379272	SSF x Near_LoA	-5,720	0,095	0,272
CHR11	3379397	CHR11:3379397	SSF x Near_LoA	-4,686	0,127	0,280
CHR11	3381080	CHR11:3381080	SSF x Near_LoA	-10,273	-0,060	0,277
CHR11	3381355	CHR11:3381355	SSF x Near_LoA	-2,299	-0,105	0,283
CHR11	3381555	CHR11:3381555	SSF x Near_LoA	-7,000	-0,004	0,297
CHR11	3390672	CHR11:3390672	SSF x Near_LoA	-6,369	-0,022	0,297
CHR11	3390788	CHR11:3390788	SSF x Near_LoA	-7,458	0,140	0,292
CHR11	3390890	CHR11:3390890	SSF x Near_LoA	3,053	-0,287	0,272
CHR11	3390895	CHR11:3390895	SSF x Near_LoA	0,806	-0,300	0,270
CHR11	3390897	CHR11:3390897	SSF x Near_LoA	-3,304	-0,305	0,268
CHR11	3419728	CHR11:3419728	SSF x Near_LoA	-8,732	-0,090	0,279
CHR11	3419853	CHR11:3419853	SSF x Near_LoA	-9,580	0,017	0,285
CHR11	3421513	CHR11:3421513	SSF x Near_LoA	-3,761	-0,129	0,292
CHR11	3429041	CHR11:3429041	SSF x Near_LoA	-9,250	-0,039	0,284
CHR11	3429045	CHR11:3429045	SSF x Near_LoA	-9,150	-0,004	0,274
CHR11	3431409	CHR11:3431409	SSF x Near_LoA	-4,586	0,208	0,264
CHR11	3431507	CHR11:3431507	SSF x Near_LoA	-7,016	-0,080	0,291
CHR11	3431517	CHR11:3431517	SSF x Near_LoA	-9,732	0,044	0,288
CHR11	3442229	CHR11:3442229	SSF x Near_LoA	-6,406	0,133	0,276
CHR11	3442343	CHR11:3442343	SSF x Near_LoA	-9,857	0,044	0,287
CHR11	3447342	CHR11:3447342	SSF x Near_LoA	-10,013	-0,077	0,288
CHR11	3450288	CHR11:3450288	SSF x Near_LoA	-7,351	-0,022	0,283
CHR11	3450289	CHR11:3450289	SSF x Near_LoA	-8,188	0,104	0,279
CHR11	3450313	CHR11:3450313	SSF x Near_LoA	-8,396	0,042	0,270
CHR11	3450346	CHR11:3450346	SSF x Near_LoA	-8,123	0,022	0,279
CHR11	3450386	CHR11:3450386	SSF x Near_LoA	-10,082	0,102	0,267
CHR11	3450387	CHR11:3450387	SSF x Near_LoA	-6,177	0,107	0,276
CHR11	3450413	CHR11:3450413	SSF x Near_LoA	-10,691	0,001	0,291
CHR11	3450427	CHR11:3450427	SSF x Near_LoA	-6,454	-0,085	0,280
CHR11	3450540	CHR11:3450540	SSF x Near_LoA	-2,087	0,181	0,286
CHR11	3456587	CHR11:3456587	SSF x Near_LoA	-6,961	-0,060	0,275
CHR11	3456764	CHR11:3456764	SSF x Near_LoA	-8,721	0,010	0,268
CHR11	3469511	CHR11:3469511	SSF x Near_LoA	-9,383	-0,099	0,285
CHR11	3469589	CHR11:3469589	SSF x Near_LoA	-7,748	-0,023	0,293
CHR11	3474162	CHR11:3474162	SSF x Near_LoA	-6,652	0,009	0,272
CHR11	3474164	CHR11:3474164	SSF x Near_LoA	-6,224	-0,055	0,278
CHR11	3474256	CHR11:3474256	SSF x Near_LoA	-7,372	-0,041	0,262

CHR11	3474258	CHR11:3474258	SSF x Near_LoA	-7,373	-0,029	0,277
CHR11	3474278	CHR11:3474278	SSF x Near_LoA	-7,008	-0,047	0,281
CHR11	3474294	CHR11:3474294	SSF x Near_LoA	-8,894	-0,073	0,294
CHR11	3495132	CHR11:3495132	SSF x Near_LoA	-10,653	0,024	0,277
CHR11	3503114	CHR11:3503114	SSF x Near_LoA	-7,234	-0,052	0,283
CHR11	3513376	CHR11:3513376	SSF x Near_LoA	-5,936	0,142	0,301
CHR11	3513428	CHR11:3513428	SSF x Near_LoA	-10,382	0,037	0,286
CHR11	3513679	CHR11:3513679	SSF x Near_LoA	-7,387	-0,062	0,298
CHR11	3518458	CHR11:3518458	SSF x Near_LoA	-5,031	-0,111	0,289
CHR11	3529215	CHR11:3529215	SSF x Near_LoA	-7,728	-0,010	0,295
CHR11	3529272	CHR11:3529272	SSF x Near_LoA	-6,636	-0,172	0,263
CHR11	3529359	CHR11:3529359	SSF x Near_LoA	-8,387	0,093	0,289
CHR11	3540382	CHR11:3540382	SSF x Near_LoA	-3,594	-0,033	0,284
CHR11	3540388	CHR11:3540388	SSF x Near_LoA	-6,781	0,149	0,261
CHR11	3540393	CHR11:3540393	SSF x Near_LoA	-3,185	-0,239	0,275
CHR11	3540465	CHR11:3540465	SSF x Near_LoA	-7,133	0,059	0,288
CHR11	3540491	CHR11:3540491	SSF x Near_LoA	-6,944	0,121	0,279
CHR11	3540532	CHR11:3540532	SSF x Near_LoA	-7,963	0,032	0,282
CHR11	355311	CHR11:355311	SSF x Near_LoA	-4,016	0,132	0,283
CHR11	3553151	CHR11:3553151	SSF x Near_LoA	-7,672	0,122	0,276
CHR11	3554047	CHR11:3554047	SSF x Near_LoA	-8,358	-0,095	0,284
CHR11	3578831	CHR11:3578831	SSF x Near_LoA	-9,435	0,005	0,292
CHR11	3588571	CHR11:3588571	SSF x Near_LoA	-8,866	-0,022	0,289
CHR11	3590730	CHR11:3590730	SSF x Near_LoA	-8,886	-0,038	0,293
CHR11	3613919	CHR11:3613919	SSF x Near_LoA	-9,513	-0,042	0,270
CHR11	3614022	CHR11:3614022	SSF x Near_LoA	-10,001	0,072	0,297
CHR11	3614024	CHR11:3614024	SSF x Near_LoA	-10,319	0,040	0,294
CHR11	3614060	CHR11:3614060	SSF x Near_LoA	-7,641	0,152	0,283
CHR11	3614066	CHR11:3614066	SSF x Near_LoA	-5,377	0,151	0,271
CHR11	3614081	CHR11:3614081	SSF x Near_LoA	-8,108	-0,003	0,294
CHR11	3614097	CHR11:3614097	SSF x Near_LoA	-6,287	-0,065	0,294
CHR11	3614098	CHR11:3614098	SSF x Near_LoA	-8,193	-0,056	0,291
CHR11	365671	CHR11:365671	SSF x Near_LoA	-7,405	0,011	0,293
CHR11	365877	CHR11:365877	SSF x Near_LoA	-6,040	-0,006	0,297
CHR11	3662722	CHR11:3662722	SSF x Near_LoA	-8,479	-0,092	0,283
CHR11	3662736	CHR11:3662736	SSF x Near_LoA	-6,443	-0,110	0,276
CHR11	3662758	CHR11:3662758	SSF x Near_LoA	-8,335	-0,051	0,262
CHR11	3674546	CHR11:3674546	SSF x Near_LoA	-9,045	-0,026	0,285
CHR11	3680667	CHR11:3680667	SSF x Near_LoA	-6,409	0,071	0,284
CHR11	371114	CHR11:371114	SSF x Near_LoA	-7,982	0,082	0,298
CHR11	371122	CHR11:371122	SSF x Near_LoA	-5,927	-0,118	0,281
CHR11	371128	CHR11:371128	SSF x Near_LoA	-4,483	-0,152	0,288
CHR11	371213	CHR11:371213	SSF x Near_LoA	-4,539	-0,238	0,280
CHR11	371226	CHR11:371226	SSF x Near_LoA	-7,026	0,049	0,291
CHR11	3715655	CHR11:3715655	SSF x Near_LoA	-7,460	-0,193	0,276
CHR11	3715666	CHR11:3715666	SSF x Near_LoA	-6,291	-0,170	0,290
CHR11	3715723	CHR11:3715723	SSF x Near_LoA	-5,519	-0,054	0,285
CHR11	3715744	CHR11:3715744	SSF x Near_LoA	-9,660	0,061	0,287
CHR11	3715942	CHR11:3715942	SSF x Near_LoA	-7,304	-0,098	0,284
CHR11	3718281	CHR11:3718281	SSF x Near_LoA	-5,871	-0,257	0,263
CHR11	3725109	CHR11:3725109	SSF x Near_LoA	-8,271	0,111	0,288
CHR11	3725117	CHR11:3725117	SSF x Near_LoA	-9,660	-0,076	0,284
CHR11	3725125	CHR11:3725125	SSF x Near_LoA	-6,906	-0,143	0,275

CHR11	3725139	CHR11:3725139	SSF x Near_LoA	-8,457	-0,039	0,293
CHR11	3725163	CHR11:3725163	SSF x Near_LoA	-10,247	-0,008	0,276
CHR11	3725290	CHR11:3725290	SSF x Near_LoA	-10,228	0,051	0,293
CHR11	3725321	CHR11:3725321	SSF x Near_LoA	-9,145	-0,013	0,298
CHR11	372907	CHR11:372907	SSF x Near_LoA	-7,495	-0,036	0,292
CHR11	3765238	CHR11:3765238	SSF x Near_LoA	-5,152	-0,156	0,271
CHR11	3765323	CHR11:3765323	SSF x Near_LoA	-7,429	0,156	0,287
CHR11	3765389	CHR11:3765389	SSF x Near_LoA	-9,076	0,082	0,295
CHR11	3765429	CHR11:3765429	SSF x Near_LoA	-3,122	0,163	0,275
CHR11	3765441	CHR11:3765441	SSF x Near_LoA	-6,603	-0,093	0,293
CHR11	3765482	CHR11:3765482	SSF x Near_LoA	-7,606	-0,075	0,294
CHR11	3778707	CHR11:3778707	SSF x Near_LoA	-9,472	-0,031	0,289
CHR11	3778758	CHR11:3778758	SSF x Near_LoA	-6,367	-0,116	0,277
CHR11	3778759	CHR11:3778759	SSF x Near_LoA	-10,248	-0,008	0,297
CHR11	3778775	CHR11:3778775	SSF x Near_LoA	-7,549	-0,063	0,281
CHR11	3778799	CHR11:3778799	SSF x Near_LoA	-7,697	-0,073	0,286
CHR11	3806975	CHR11:3806975	SSF x Near_LoA	-9,655	-0,030	0,282
CHR11	3810878	CHR11:3810878	SSF x Near_LoA	-5,109	0,119	0,276
CHR11	3811160	CHR11:3811160	SSF x Near_LoA	-7,069	0,001	0,293
CHR11	381598	CHR11:381598	SSF x Near_LoA	-6,959	-0,157	0,288
CHR11	381621	CHR11:381621	SSF x Near_LoA	-5,755	0,212	0,274
CHR11	381645	CHR11:381645	SSF x Near_LoA	-6,915	-0,154	0,305
CHR11	381690	CHR11:381690	SSF x Near_LoA	-11,180	0,026	0,282
CHR11	381706	CHR11:381706	SSF x Near_LoA	-10,461	0,085	0,286
CHR11	3826105	CHR11:3826105	SSF x Near_LoA	-6,790	-0,024	0,284
CHR11	3826163	CHR11:3826163	SSF x Near_LoA	-3,580	-0,257	0,268
CHR11	3826165	CHR11:3826165	SSF x Near_LoA	-9,533	-0,010	0,290
CHR11	3826206	CHR11:3826206	SSF x Near_LoA	-6,145	0,145	0,272
CHR11	3826259	CHR11:3826259	SSF x Near_LoA	-5,706	0,132	0,293
CHR11	3826260	CHR11:3826260	SSF x Near_LoA	-6,970	-0,113	0,283
CHR11	3826298	CHR11:3826298	SSF x Near_LoA	-7,788	0,126	0,286
CHR11	3841746	CHR11:3841746	SSF x Near_LoA	-4,440	-0,032	0,275
CHR11	3841796	CHR11:3841796	SSF x Near_LoA	-11,007	-0,010	0,274
CHR11	3841956	CHR11:3841956	SSF x Near_LoA	-10,091	0,117	0,287
CHR11	3841982	CHR11:3841982	SSF x Near_LoA	-8,093	0,065	0,269
CHR11	3853716	CHR11:3853716	SSF x Near_LoA	-7,080	0,054	0,287
CHR11	3853717	CHR11:3853717	SSF x Near_LoA	-7,429	0,027	0,289
CHR11	3855970	CHR11:3855970	SSF x Near_LoA	-7,547	-0,005	0,292
CHR11	3856150	CHR11:3856150	SSF x Near_LoA	-9,245	-0,048	0,286
CHR11	3886453	CHR11:3886453	SSF x Near_LoA	-10,187	-0,003	0,279
CHR11	3899980	CHR11:3899980	SSF x Near_LoA	-7,061	0,021	0,291
CHR11	3901432	CHR11:3901432	SSF x Near_LoA	-9,214	0,072	0,290
CHR11	3901469	CHR11:3901469	SSF x Near_LoA	-6,962	-0,091	0,281
CHR11	3901534	CHR11:3901534	SSF x Near_LoA	-8,455	-0,065	0,275
CHR11	3907545	CHR11:3907545	SSF x Near_LoA	-10,764	-0,009	0,295
CHR11	3907771	CHR11:3907771	SSF x Near_LoA	-7,665	0,019	0,271
CHR11	3917966	CHR11:3917966	SSF x Near_LoA	-7,114	-0,064	0,276
CHR11	3917969	CHR11:3917969	SSF x Near_LoA	-6,754	-0,079	0,274
CHR11	3918014	CHR11:3918014	SSF x Near_LoA	-6,399	0,201	0,272
CHR11	3918043	CHR11:3918043	SSF x Near_LoA	-7,617	0,078	0,277
CHR11	3918045	CHR11:3918045	SSF x Near_LoA	-7,539	0,069	0,286
CHR11	3918072	CHR11:3918072	SSF x Near_LoA	-8,254	0,094	0,285
CHR11	3918156	CHR11:3918156	SSF x Near_LoA	-4,651	0,021	0,287

CHR11	3918170	CHR11:3918170	SSF x Near_LoA	-7,508	0,076	0,291
CHR11	3956821	CHR11:3956821	SSF x Near_LoA	-11,155	0,060	0,281
CHR11	3957104	CHR11:3957104	SSF x Near_LoA	-5,191	-0,066	0,285
CHR11	3971637	CHR11:3971637	SSF x Near_LoA	-7,040	0,037	0,289
CHR11	3981576	CHR11:3981576	SSF x Near_LoA	-3,814	-0,138	0,281
CHR11	3981585	CHR11:3981585	SSF x Near_LoA	-6,261	0,151	0,286
CHR11	3981613	CHR11:3981613	SSF x Near_LoA	-9,400	-0,116	0,275
CHR11	3982592	CHR11:3982592	SSF x Near_LoA	-10,510	0,014	0,278
CHR11	3982620	CHR11:3982620	SSF x Near_LoA	-10,378	0,052	0,274
CHR11	3982664	CHR11:3982664	SSF x Near_LoA	-9,155	0,068	0,283
CHR11	3994278	CHR11:3994278	SSF x Near_LoA	-7,386	-0,039	0,288
CHR11	4005727	CHR11:4005727	SSF x Near_LoA	-5,840	-0,076	0,293
CHR11	4005915	CHR11:4005915	SSF x Near_LoA	-6,175	-0,106	0,280
CHR11	4005946	CHR11:4005946	SSF x Near_LoA	-10,939	-0,048	0,280
CHR11	4013593	CHR11:4013593	SSF x Near_LoA	-6,548	-0,205	0,276
CHR11	4013596	CHR11:4013596	SSF x Near_LoA	-5,541	0,054	0,301
CHR11	4013601	CHR11:4013601	SSF x Near_LoA	-4,094	0,165	0,280
CHR11	4013707	CHR11:4013707	SSF x Near_LoA	-1,237	0,094	0,290
CHR11	4022703	CHR11:4022703	SSF x Near_LoA	-6,234	0,066	0,290
CHR11	4022749	CHR11:4022749	SSF x Near_LoA	-10,131	0,089	0,255
CHR11	4039812	CHR11:4039812	SSF x Near_LoA	-7,026	-0,072	0,284
CHR11	4053466	CHR11:4053466	SSF x Near_LoA	-8,698	0,065	0,272
CHR11	406270	CHR11:406270	SSF x Near_LoA	-9,124	-0,111	0,295
CHR11	4109356	CHR11:4109356	SSF x Near_LoA	-3,429	0,180	0,270
CHR11	4119570	CHR11:4119570	SSF x Near_LoA	-9,281	-0,092	0,276
CHR11	4130815	CHR11:4130815	SSF x Near_LoA	-9,919	-0,027	0,277
CHR11	4141535	CHR11:4141535	SSF x Near_LoA	-9,755	-0,088	0,302
CHR11	4153437	CHR11:4153437	SSF x Near_LoA	-9,643	0,036	0,297
CHR11	4158942	CHR11:4158942	SSF x Near_LoA	-7,174	-0,059	0,298
CHR11	4200707	CHR11:4200707	SSF x Near_LoA	-7,392	0,035	0,270
CHR11	4200882	CHR11:4200882	SSF x Near_LoA	-5,189	0,005	0,273
CHR11	4207440	CHR11:4207440	SSF x Near_LoA	-6,643	0,150	0,255
CHR11	4207514	CHR11:4207514	SSF x Near_LoA	-6,569	-0,112	0,284
CHR11	4207524	CHR11:4207524	SSF x Near_LoA	-5,927	-0,162	0,264
CHR11	4207533	CHR11:4207533	SSF x Near_LoA	-9,843	-0,040	0,291
CHR11	4207680	CHR11:4207680	SSF x Near_LoA	-9,703	0,065	0,286
CHR11	4207689	CHR11:4207689	SSF x Near_LoA	-6,854	0,059	0,274
CHR11	4212078	CHR11:4212078	SSF x Near_LoA	-8,136	-0,078	0,282
CHR11	4212083	CHR11:4212083	SSF x Near_LoA	-9,435	-0,065	0,301
CHR11	4213505	CHR11:4213505	SSF x Near_LoA	-6,892	0,004	0,284
CHR11	4213515	CHR11:4213515	SSF x Near_LoA	-6,868	0,026	0,277
CHR11	4213517	CHR11:4213517	SSF x Near_LoA	-8,505	0,036	0,287
CHR11	4213547	CHR11:4213547	SSF x Near_LoA	-9,770	0,046	0,291
CHR11	4213758	CHR11:4213758	SSF x Near_LoA	-8,844	-0,017	0,282
CHR11	4220386	CHR11:4220386	SSF x Near_LoA	-10,930	-0,001	0,283
CHR11	4254931	CHR11:4254931	SSF x Near_LoA	-7,682	0,027	0,286
CHR11	4254953	CHR11:4254953	SSF x Near_LoA	-10,358	0,006	0,286
CHR11	4254982	CHR11:4254982	SSF x Near_LoA	-8,692	0,039	0,285
CHR11	4275794	CHR11:4275794	SSF x Near_LoA	-3,620	-0,035	0,280
CHR11	4275881	CHR11:4275881	SSF x Near_LoA	-7,708	-0,028	0,285
CHR11	4275898	CHR11:4275898	SSF x Near_LoA	-9,970	-0,011	0,284
CHR11	4275922	CHR11:4275922	SSF x Near_LoA	-8,087	0,155	0,288
CHR11	4276019	CHR11:4276019	SSF x Near_LoA	-8,774	-0,130	0,293

CHR11	4285568	CHR11:4285568	SSF x Near_LoA	-8,850	-0,081	0,280
CHR11	4285580	CHR11:4285580	SSF x Near_LoA	-2,306	-0,179	0,277
CHR11	4285609	CHR11:4285609	SSF x Near_LoA	-9,213	-0,002	0,283
CHR11	4285646	CHR11:4285646	SSF x Near_LoA	-7,566	0,090	0,266
CHR11	4285686	CHR11:4285686	SSF x Near_LoA	-8,341	0,060	0,281
CHR11	4285789	CHR11:4285789	SSF x Near_LoA	-8,204	0,024	0,262
CHR11	4285822	CHR11:4285822	SSF x Near_LoA	-6,652	0,144	0,284
CHR11	4292851	CHR11:4292851	SSF x Near_LoA	-7,727	-0,002	0,288
CHR11	4292922	CHR11:4292922	SSF x Near_LoA	-8,261	0,052	0,282
CHR11	4292976	CHR11:4292976	SSF x Near_LoA	-8,328	0,106	0,279
CHR11	4292993	CHR11:4292993	SSF x Near_LoA	-7,857	0,092	0,298
CHR11	4293032	CHR11:4293032	SSF x Near_LoA	-7,261	-0,013	0,275
CHR11	4293108	CHR11:4293108	SSF x Near_LoA	-7,425	-0,129	0,282
CHR11	4293158	CHR11:4293158	SSF x Near_LoA	-8,428	0,014	0,298
CHR11	4293184	CHR11:4293184	SSF x Near_LoA	-7,782	0,060	0,285
CHR11	4293185	CHR11:4293185	SSF x Near_LoA	-5,910	0,108	0,288
CHR11	4293194	CHR11:4293194	SSF x Near_LoA	-7,377	-0,065	0,294
CHR11	4297217	CHR11:4297217	SSF x Near_LoA	-8,054	0,119	0,286
CHR11	4297296	CHR11:4297296	SSF x Near_LoA	-7,690	0,038	0,260
CHR11	4297377	CHR11:4297377	SSF x Near_LoA	-7,992	0,056	0,282
CHR11	4297595	CHR11:4297595	SSF x Near_LoA	-8,925	-0,011	0,297
CHR11	4297623	CHR11:4297623	SSF x Near_LoA	-9,862	-0,026	0,289
CHR11	4297637	CHR11:4297637	SSF x Near_LoA	-10,131	-0,132	0,278
CHR11	4297644	CHR11:4297644	SSF x Near_LoA	-6,319	-0,047	0,296
CHR11	4299851	CHR11:4299851	SSF x Near_LoA	-7,655	-0,017	0,290
CHR11	4299902	CHR11:4299902	SSF x Near_LoA	-10,003	0,052	0,285
CHR11	4309326	CHR11:4309326	SSF x Near_LoA	-8,558	-0,067	0,283
CHR11	4309472	CHR11:4309472	SSF x Near_LoA	-4,517	-0,108	0,281
CHR11	4309482	CHR11:4309482	SSF x Near_LoA	-8,216	0,009	0,290
CHR11	4309505	CHR11:4309505	SSF x Near_LoA	-8,369	-0,101	0,281
CHR11	4326215	CHR11:4326215	SSF x Near_LoA	-8,231	0,012	0,290
CHR11	4326466	CHR11:4326466	SSF x Near_LoA	-8,648	0,071	0,287
CHR11	4326473	CHR11:4326473	SSF x Near_LoA	-7,135	0,008	0,307
CHR11	4326512	CHR11:4326512	SSF x Near_LoA	-8,934	-0,011	0,275
CHR11	4348446	CHR11:4348446	SSF x Near_LoA	-8,960	-0,037	0,288
CHR11	4348461	CHR11:4348461	SSF x Near_LoA	-8,626	-0,037	0,299
CHR11	4348475	CHR11:4348475	SSF x Near_LoA	-7,361	0,101	0,273
CHR11	4348581	CHR11:4348581	SSF x Near_LoA	-7,871	0,128	0,281
CHR11	4348609	CHR11:4348609	SSF x Near_LoA	-8,892	0,089	0,290
CHR11	4348618	CHR11:4348618	SSF x Near_LoA	-7,323	0,149	0,274
CHR11	4361015	CHR11:4361015	SSF x Near_LoA	-9,325	-0,048	0,278
CHR11	4378780	CHR11:4378780	SSF x Near_LoA	-4,601	0,197	0,263
CHR11	4378851	CHR11:4378851	SSF x Near_LoA	-6,929	0,119	0,280
CHR11	4381428	CHR11:4381428	SSF x Near_LoA	-9,864	0,019	0,280
CHR11	4381482	CHR11:4381482	SSF x Near_LoA	-4,306	-0,243	0,282
CHR11	4388592	CHR11:4388592	SSF x Near_LoA	-8,432	0,012	0,284
CHR11	4388598	CHR11:4388598	SSF x Near_LoA	-4,132	-0,152	0,279
CHR11	4390856	CHR11:4390856	SSF x Near_LoA	-4,077	0,213	0,279
CHR11	4393617	CHR11:4393617	SSF x Near_LoA	-10,746	-0,066	0,270
CHR11	4401630	CHR11:4401630	SSF x Near_LoA	-5,474	-0,189	0,267
CHR11	4401738	CHR11:4401738	SSF x Near_LoA	-3,059	-0,184	0,283
CHR11	4407821	CHR11:4407821	SSF x Near_LoA	-0,112	-0,241	0,281
CHR11	4407825	CHR11:4407825	SSF x Near_LoA	-4,993	-0,201	0,269

CHR11	4408015	CHR11:4408015	SSF x Near_LoA	-7,752	-0,111	0,284
CHR11	4408020	CHR11:4408020	SSF x Near_LoA	-8,295	-0,097	0,269
CHR11	4408039	CHR11:4408039	SSF x Near_LoA	-6,347	0,147	0,282
CHR11	4409108	CHR11:4409108	SSF x Near_LoA	-7,202	-0,224	0,271
CHR11	4416346	CHR11:4416346	SSF x Near_LoA	-7,194	0,158	0,277
CHR11	4444768	CHR11:4444768	SSF x Near_LoA	-8,804	-0,068	0,285
CHR11	4444845	CHR11:4444845	SSF x Near_LoA	-9,414	-0,028	0,296
CHR11	4445063	CHR11:4445063	SSF x Near_LoA	-8,015	-0,075	0,293
CHR11	4454635	CHR11:4454635	SSF x Near_LoA	-7,221	-0,178	0,276
CHR11	4460136	CHR11:4460136	SSF x Near_LoA	-9,788	0,057	0,281
CHR11	4460159	CHR11:4460159	SSF x Near_LoA	-6,929	0,127	0,277
CHR11	4460168	CHR11:4460168	SSF x Near_LoA	-6,214	0,163	0,277
CHR11	4460251	CHR11:4460251	SSF x Near_LoA	-10,741	0,029	0,277
CHR11	4460274	CHR11:4460274	SSF x Near_LoA	-9,870	-0,070	0,284
CHR11	4486054	CHR11:4486054	SSF x Near_LoA	-7,220	-0,015	0,302
CHR11	4486125	CHR11:4486125	SSF x Near_LoA	-10,085	0,024	0,298
CHR11	4486184	CHR11:4486184	SSF x Near_LoA	-6,155	0,100	0,302
CHR11	4487865	CHR11:4487865	SSF x Near_LoA	-6,736	-0,139	0,275
CHR11	4488188	CHR11:4488188	SSF x Near_LoA	-4,862	-0,057	0,291
CHR11	4490980	CHR11:4490980	SSF x Near_LoA	-8,524	0,008	0,282
CHR11	4491079	CHR11:4491079	SSF x Near_LoA	-9,087	0,035	0,285
CHR11	4534366	CHR11:4534366	SSF x Near_LoA	-10,505	0,025	0,291
CHR11	4534488	CHR11:4534488	SSF x Near_LoA	-8,024	0,058	0,287
CHR11	4534504	CHR11:4534504	SSF x Near_LoA	-6,605	0,075	0,299
CHR11	4537635	CHR11:4537635	SSF x Near_LoA	-5,630	0,064	0,286
CHR11	4537805	CHR11:4537805	SSF x Near_LoA	-9,835	0,023	0,293
CHR11	4547279	CHR11:4547279	SSF x Near_LoA	-9,161	-0,005	0,289
CHR11	4547345	CHR11:4547345	SSF x Near_LoA	-9,572	-0,004	0,285
CHR11	4547524	CHR11:4547524	SSF x Near_LoA	-8,988	-0,012	0,293
CHR11	4547536	CHR11:4547536	SSF x Near_LoA	-9,719	-0,015	0,281
CHR11	4547544	CHR11:4547544	SSF x Near_LoA	-6,763	-0,112	0,272
CHR11	4557843	CHR11:4557843	SSF x Near_LoA	-10,400	0,005	0,279
CHR11	4557937	CHR11:4557937	SSF x Near_LoA	-6,187	0,156	0,286
CHR11	4557975	CHR11:4557975	SSF x Near_LoA	-4,964	-0,186	0,276
CHR11	4558039	CHR11:4558039	SSF x Near_LoA	-8,677	0,094	0,283
CHR11	4569466	CHR11:4569466	SSF x Near_LoA	-10,204	-0,010	0,289
CHR11	457967	CHR11:457967	SSF x Near_LoA	13,905	0,291	0,268
CHR11	4610159	CHR11:4610159	SSF x Near_LoA	-7,955	-0,077	0,298
CHR11	4610186	CHR11:4610186	SSF x Near_LoA	-6,176	0,060	0,290
CHR11	4610221	CHR11:4610221	SSF x Near_LoA	-6,971	-0,164	0,279
CHR11	4610280	CHR11:4610280	SSF x Near_LoA	-4,066	-0,175	0,290
CHR11	4610317	CHR11:4610317	SSF x Near_LoA	-7,371	0,014	0,296
CHR11	4610341	CHR11:4610341	SSF x Near_LoA	-7,555	-0,105	0,288
CHR11	4610347	CHR11:4610347	SSF x Near_LoA	-7,931	-0,054	0,292
CHR11	4610391	CHR11:4610391	SSF x Near_LoA	-8,005	-0,045	0,298
CHR11	4610406	CHR11:4610406	SSF x Near_LoA	-7,476	0,024	0,278
CHR11	4610412	CHR11:4610412	SSF x Near_LoA	-8,607	-0,025	0,297
CHR11	4616208	CHR11:4616208	SSF x Near_LoA	-7,323	-0,006	0,274
CHR11	4624667	CHR11:4624667	SSF x Near_LoA	-10,550	-0,059	0,295
CHR11	4625513	CHR11:4625513	SSF x Near_LoA	-8,764	0,147	0,283
CHR11	4648659	CHR11:4648659	SSF x Near_LoA	-8,442	-0,142	0,266
CHR11	4648856	CHR11:4648856	SSF x Near_LoA	-8,053	0,028	0,296
CHR11	4648873	CHR11:4648873	SSF x Near_LoA	-8,371	0,078	0,290

CHR11	4654014	CHR11:4654014	SSF x Near_LoA	-10,270	0,046	0,287
CHR11	4654137	CHR11:4654137	SSF x Near_LoA	-9,043	0,054	0,301
CHR11	4665613	CHR11:4665613	SSF x Near_LoA	-10,224	0,046	0,275
CHR11	470627	CHR11:470627	SSF x Near_LoA	-5,837	-0,066	0,283
CHR11	4709292	CHR11:4709292	SSF x Near_LoA	-9,904	0,071	0,278
CHR11	472918	CHR11:472918	SSF x Near_LoA	-7,754	0,059	0,295
CHR11	4753130	CHR11:4753130	SSF x Near_LoA	-9,767	-0,010	0,301
CHR11	4777002	CHR11:4777002	SSF x Near_LoA	-7,303	-0,037	0,309
CHR11	4777008	CHR11:4777008	SSF x Near_LoA	-8,358	-0,008	0,284
CHR11	4777118	CHR11:4777118	SSF x Near_LoA	-9,482	0,055	0,286
CHR11	4777241	CHR11:4777241	SSF x Near_LoA	-7,480	-0,132	0,276
CHR11	4777301	CHR11:4777301	SSF x Near_LoA	-9,931	0,045	0,269
CHR11	4777452	CHR11:4777452	SSF x Near_LoA	-6,443	-0,100	0,292
CHR11	4782256	CHR11:4782256	SSF x Near_LoA	-2,711	0,251	0,259
CHR11	4783542	CHR11:4783542	SSF x Near_LoA	-8,472	0,050	0,286
CHR11	4783815	CHR11:4783815	SSF x Near_LoA	-9,864	0,046	0,301
CHR11	4791458	CHR11:4791458	SSF x Near_LoA	-7,473	-0,037	0,291
CHR11	4791461	CHR11:4791461	SSF x Near_LoA	-8,034	-0,044	0,275
CHR11	4791571	CHR11:4791571	SSF x Near_LoA	-3,550	-0,013	0,280
CHR11	4791576	CHR11:4791576	SSF x Near_LoA	-8,902	0,009	0,285
CHR11	4791662	CHR11:4791662	SSF x Near_LoA	-7,444	0,126	0,273
CHR11	4799980	CHR11:4799980	SSF x Near_LoA	-6,183	0,064	0,292
CHR11	4800181	CHR11:4800181	SSF x Near_LoA	-7,189	0,073	0,298
CHR11	4800321	CHR11:4800321	SSF x Near_LoA	-8,945	0,088	0,284
CHR11	4824484	CHR11:4824484	SSF x Near_LoA	-6,750	0,062	0,276
CHR11	4824553	CHR11:4824553	SSF x Near_LoA	-6,080	0,188	0,274
CHR11	4841898	CHR11:4841898	SSF x Near_LoA	-7,090	-0,064	0,282
CHR11	4841934	CHR11:4841934	SSF x Near_LoA	-6,783	-0,109	0,280
CHR11	4841952	CHR11:4841952	SSF x Near_LoA	-8,714	-0,159	0,281
CHR11	4842011	CHR11:4842011	SSF x Near_LoA	-10,262	0,079	0,295
CHR11	4842159	CHR11:4842159	SSF x Near_LoA	-9,185	-0,015	0,290
CHR11	4845683	CHR11:4845683	SSF x Near_LoA	-7,719	0,152	0,289
CHR11	4845835	CHR11:4845835	SSF x Near_LoA	-6,011	0,156	0,285
CHR11	4876798	CHR11:4876798	SSF x Near_LoA	-4,254	0,168	0,282
CHR11	4877141	CHR11:4877141	SSF x Near_LoA	-9,571	0,101	0,269
CHR11	4885079	CHR11:4885079	SSF x Near_LoA	-8,960	-0,090	0,272
CHR11	4885396	CHR11:4885396	SSF x Near_LoA	-6,812	0,099	0,282
CHR11	4907563	CHR11:4907563	SSF x Near_LoA	-4,481	0,086	0,277
CHR11	4907667	CHR11:4907667	SSF x Near_LoA	-7,537	-0,094	0,296
CHR11	4907726	CHR11:4907726	SSF x Near_LoA	-9,188	0,012	0,288
CHR11	4907787	CHR11:4907787	SSF x Near_LoA	-6,562	-0,119	0,281
CHR11	4919895	CHR11:4919895	SSF x Near_LoA	-9,730	-0,078	0,283
CHR11	4921547	CHR11:4921547	SSF x Near_LoA	2,727	-0,295	0,257
CHR11	4921652	CHR11:4921652	SSF x Near_LoA	4,073	-0,261	0,256
CHR11	4927013	CHR11:4927013	SSF x Near_LoA	-7,698	0,113	0,290
CHR11	4933128	CHR11:4933128	SSF x Near_LoA	-8,898	-0,040	0,292
CHR11	4947101	CHR11:4947101	SSF x Near_LoA	-9,631	-0,008	0,271
CHR11	4947297	CHR11:4947297	SSF x Near_LoA	-8,978	0,090	0,297
CHR11	4947321	CHR11:4947321	SSF x Near_LoA	-7,898	0,161	0,286
CHR11	4950512	CHR11:4950512	SSF x Near_LoA	-2,386	-0,091	0,283
CHR11	4973120	CHR11:4973120	SSF x Near_LoA	-10,083	0,011	0,281
CHR11	4973313	CHR11:4973313	SSF x Near_LoA	-9,192	0,005	0,287
CHR11	4988761	CHR11:4988761	SSF x Near_LoA	-6,780	0,033	0,300

CHR11	4988765	CHR11:4988765	SSF x Near_LoA	-9,399	0,037	0,284
CHR11	4988766	CHR11:4988766	SSF x Near_LoA	-2,949	-0,140	0,292
CHR11	5004589	CHR11:5004589	SSF x Near_LoA	-7,517	-0,039	0,281
CHR11	5004630	CHR11:5004630	SSF x Near_LoA	-7,785	0,067	0,292
CHR11	5018886	CHR11:5018886	SSF x Near_LoA	4,396	0,025	0,287
CHR11	5019198	CHR11:5019198	SSF x Near_LoA	-7,637	0,080	0,287
CHR11	5023218	CHR11:5023218	SSF x Near_LoA	-6,019	0,169	0,284
CHR11	5023297	CHR11:5023297	SSF x Near_LoA	-9,293	-0,078	0,287
CHR11	5023306	CHR11:5023306	SSF x Near_LoA	-7,683	-0,107	0,283
CHR11	5023341	CHR11:5023341	SSF x Near_LoA	-7,535	0,134	0,275
CHR11	5023347	CHR11:5023347	SSF x Near_LoA	-0,627	0,144	0,287
CHR11	5026348	CHR11:5026348	SSF x Near_LoA	-9,060	-0,115	0,278
CHR11	5026646	CHR11:5026646	SSF x Near_LoA	-6,841	-0,158	0,277
CHR11	5026748	CHR11:5026748	SSF x Near_LoA	-8,513	-0,023	0,281
CHR11	5035828	CHR11:5035828	SSF x Near_LoA	-8,407	0,070	0,294
CHR11	5038586	CHR11:5038586	SSF x Near_LoA	-7,193	-0,060	0,287
CHR11	5038601	CHR11:5038601	SSF x Near_LoA	-9,999	-0,086	0,288
CHR11	5040202	CHR11:5040202	SSF x Near_LoA	-3,452	-0,020	0,286
CHR11	5040386	CHR11:5040386	SSF x Near_LoA	-10,124	0,057	0,285
CHR11	5040388	CHR11:5040388	SSF x Near_LoA	-8,106	0,043	0,283
CHR11	5040429	CHR11:5040429	SSF x Near_LoA	-9,997	0,082	0,286
CHR11	5055481	CHR11:5055481	SSF x Near_LoA	-10,664	0,039	0,276
CHR11	5076848	CHR11:5076848	SSF x Near_LoA	-6,951	-0,124	0,280
CHR11	5077193	CHR11:5077193	SSF x Near_LoA	-5,586	0,089	0,291
CHR11	5077221	CHR11:5077221	SSF x Near_LoA	-9,351	-0,065	0,291
CHR11	5127508	CHR11:5127508	SSF x Near_LoA	-7,926	-0,145	0,286
CHR11	5127532	CHR11:5127532	SSF x Near_LoA	0,861	-0,181	0,283
CHR11	5127693	CHR11:5127693	SSF x Near_LoA	-7,647	0,045	0,300
CHR11	5127699	CHR11:5127699	SSF x Near_LoA	-7,074	-0,075	0,273
CHR11	514806	CHR11:514806	SSF x Near_LoA	-7,926	0,038	0,285
CHR11	515027	CHR11:515027	SSF x Near_LoA	-1,028	-0,020	0,301
CHR11	5151849	CHR11:5151849	SSF x Near_LoA	-8,364	-0,050	0,271
CHR11	5151871	CHR11:5151871	SSF x Near_LoA	-9,771	-0,030	0,288
CHR11	5151913	CHR11:5151913	SSF x Near_LoA	-3,625	0,034	0,290
CHR11	5151925	CHR11:5151925	SSF x Near_LoA	-9,381	0,019	0,270
CHR11	5151937	CHR11:5151937	SSF x Near_LoA	-8,315	-0,129	0,294
CHR11	5151977	CHR11:5151977	SSF x Near_LoA	-6,252	0,158	0,272
CHR11	5151979	CHR11:5151979	SSF x Near_LoA	-7,681	0,126	0,261
CHR11	5151999	CHR11:5151999	SSF x Near_LoA	-4,079	0,187	0,254
CHR11	5152089	CHR11:5152089	SSF x Near_LoA	-9,601	-0,036	0,283
CHR11	5175235	CHR11:5175235	SSF x Near_LoA	-3,588	0,013	0,281
CHR11	518199	CHR11:518199	SSF x Near_LoA	-6,614	-0,131	0,264
CHR11	5183610	CHR11:5183610	SSF x Near_LoA	-8,929	0,096	0,282
CHR11	5188900	CHR11:5188900	SSF x Near_LoA	-8,762	0,024	0,292
CHR11	5188901	CHR11:5188901	SSF x Near_LoA	-7,231	0,055	0,301
CHR11	5223224	CHR11:5223224	SSF x Near_LoA	-9,043	-0,028	0,278
CHR11	5226454	CHR11:5226454	SSF x Near_LoA	-8,218	0,114	0,271
CHR11	5226717	CHR11:5226717	SSF x Near_LoA	-8,798	-0,013	0,287
CHR11	5230598	CHR11:5230598	SSF x Near_LoA	-7,286	0,003	0,282
CHR11	523441	CHR11:523441	SSF x Near_LoA	-7,881	0,091	0,275
CHR11	523478	CHR11:523478	SSF x Near_LoA	-8,395	0,082	0,271
CHR11	523557	CHR11:523557	SSF x Near_LoA	-8,081	0,188	0,279
CHR11	523661	CHR11:523661	SSF x Near_LoA	-9,598	0,075	0,282

CHR11	523664	CHR11:523664	SSF x Near_LoA	-9,947	0,014	0,270
CHR11	523694	CHR11:523694	SSF x Near_LoA	-9,835	-0,068	0,279
CHR11	523712	CHR11:523712	SSF x Near_LoA	-8,844	0,022	0,267
CHR11	5247217	CHR11:5247217	SSF x Near_LoA	-6,508	0,010	0,272
CHR11	5247222	CHR11:5247222	SSF x Near_LoA	-8,227	-0,044	0,294
CHR11	5247267	CHR11:5247267	SSF x Near_LoA	-8,211	-0,042	0,283
CHR11	5247330	CHR11:5247330	SSF x Near_LoA	-10,068	0,039	0,290
CHR11	5256346	CHR11:5256346	SSF x Near_LoA	-9,989	-0,022	0,288
CHR11	527458	CHR11:527458	SSF x Near_LoA	-5,287	0,222	0,266
CHR11	5287603	CHR11:5287603	SSF x Near_LoA	-6,790	-0,034	0,281
CHR11	5287757	CHR11:5287757	SSF x Near_LoA	-6,882	0,086	0,290
CHR11	5287809	CHR11:5287809	SSF x Near_LoA	-7,749	0,020	0,284
CHR11	5294338	CHR11:5294338	SSF x Near_LoA	-6,622	-0,154	0,280
CHR11	5298893	CHR11:5298893	SSF x Near_LoA	-3,811	0,158	0,290
CHR11	5298896	CHR11:5298896	SSF x Near_LoA	-6,012	0,025	0,306
CHR11	5298925	CHR11:5298925	SSF x Near_LoA	-9,594	-0,030	0,280
CHR11	5299002	CHR11:5299002	SSF x Near_LoA	-5,564	-0,169	0,279
CHR11	5299008	CHR11:5299008	SSF x Near_LoA	-7,462	-0,104	0,281
CHR11	5299015	CHR11:5299015	SSF x Near_LoA	-7,465	-0,175	0,287
CHR11	5299031	CHR11:5299031	SSF x Near_LoA	-6,930	0,084	0,292
CHR11	5300338	CHR11:5300338	SSF x Near_LoA	-8,705	-0,071	0,278
CHR11	5300433	CHR11:5300433	SSF x Near_LoA	-8,994	-0,050	0,295
CHR11	5300469	CHR11:5300469	SSF x Near_LoA	-8,725	0,087	0,284
CHR11	5314625	CHR11:5314625	SSF x Near_LoA	-8,691	-0,001	0,277
CHR11	5314677	CHR11:5314677	SSF x Near_LoA	-7,811	0,129	0,281
CHR11	5320855	CHR11:5320855	SSF x Near_LoA	-9,310	-0,100	0,282
CHR11	5332750	CHR11:5332750	SSF x Near_LoA	-5,454	0,091	0,285
CHR11	5332819	CHR11:5332819	SSF x Near_LoA	-5,907	-0,086	0,285
CHR11	5332905	CHR11:5332905	SSF x Near_LoA	-9,714	-0,052	0,286
CHR11	5332947	CHR11:5332947	SSF x Near_LoA	-7,805	0,067	0,282
CHR11	5347943	CHR11:5347943	SSF x Near_LoA	-6,135	0,129	0,275
CHR11	535489	CHR11:535489	SSF x Near_LoA	-4,486	0,046	0,290
CHR11	535517	CHR11:535517	SSF x Near_LoA	-8,789	0,005	0,287
CHR11	535565	CHR11:535565	SSF x Near_LoA	-8,262	0,064	0,266
CHR11	535592	CHR11:535592	SSF x Near_LoA	-8,678	0,133	0,278
CHR11	5356883	CHR11:5356883	SSF x Near_LoA	-7,411	-0,031	0,288
CHR11	5357061	CHR11:5357061	SSF x Near_LoA	-8,258	-0,055	0,284
CHR11	5357108	CHR11:5357108	SSF x Near_LoA	-7,539	-0,089	0,290
CHR11	5357128	CHR11:5357128	SSF x Near_LoA	-6,817	-0,100	0,292
CHR11	5357184	CHR11:5357184	SSF x Near_LoA	-9,526	-0,088	0,283
CHR11	535723	CHR11:535723	SSF x Near_LoA	-7,042	0,001	0,290
CHR11	535751	CHR11:535751	SSF x Near_LoA	-8,762	0,103	0,275
CHR11	5362360	CHR11:5362360	SSF x Near_LoA	-8,267	-0,073	0,299
CHR11	5362444	CHR11:5362444	SSF x Near_LoA	-6,710	-0,089	0,289
CHR11	5362626	CHR11:5362626	SSF x Near_LoA	-8,587	0,079	0,290
CHR11	5362720	CHR11:5362720	SSF x Near_LoA	-9,938	-0,118	0,279
CHR11	5371477	CHR11:5371477	SSF x Near_LoA	-6,377	-0,143	0,285
CHR11	5371829	CHR11:5371829	SSF x Near_LoA	-9,039	-0,029	0,302
CHR11	5371830	CHR11:5371830	SSF x Near_LoA	-5,537	-0,096	0,287
CHR11	5399730	CHR11:5399730	SSF x Near_LoA	-7,703	-0,020	0,287
CHR11	5399809	CHR11:5399809	SSF x Near_LoA	-8,769	0,004	0,285
CHR11	5405318	CHR11:5405318	SSF x Near_LoA	-7,544	0,003	0,293
CHR11	5405363	CHR11:5405363	SSF x Near_LoA	-9,482	-0,009	0,282

CHR11	5405370	CHR11:5405370	SSF x Near_LoA	-9,258	-0,053	0,288
CHR11	5405462	CHR11:5405462	SSF x Near_LoA	-8,335	0,049	0,282
CHR11	5405524	CHR11:5405524	SSF x Near_LoA	-8,054	-0,133	0,287
CHR11	5405567	CHR11:5405567	SSF x Near_LoA	-7,737	0,048	0,289
CHR11	5405628	CHR11:5405628	SSF x Near_LoA	-9,299	-0,025	0,294
CHR11	5405637	CHR11:5405637	SSF x Near_LoA	-7,501	-0,019	0,287
CHR11	5425436	CHR11:5425436	SSF x Near_LoA	-8,070	0,093	0,291
CHR11	543323	CHR11:543323	SSF x Near_LoA	-6,517	0,015	0,290
CHR11	543400	CHR11:543400	SSF x Near_LoA	-10,585	-0,037	0,291
CHR11	543627	CHR11:543627	SSF x Near_LoA	-3,859	-0,198	0,276
CHR11	543660	CHR11:543660	SSF x Near_LoA	-8,586	-0,039	0,282
CHR11	5508782	CHR11:5508782	SSF x Near_LoA	-3,264	-0,227	0,286
CHR11	5527235	CHR11:5527235	SSF x Near_LoA	-8,148	0,063	0,301
CHR11	5532468	CHR11:5532468	SSF x Near_LoA	-7,560	-0,070	0,296
CHR11	5588838	CHR11:5588838	SSF x Near_LoA	-8,687	0,001	0,278
CHR11	5605629	CHR11:5605629	SSF x Near_LoA	-9,289	-0,007	0,288
CHR11	5646083	CHR11:5646083	SSF x Near_LoA	-4,386	-0,195	0,276
CHR11	5650083	CHR11:5650083	SSF x Near_LoA	-7,898	-0,107	0,291
CHR11	5650118	CHR11:5650118	SSF x Near_LoA	-7,774	0,048	0,300
CHR11	5650144	CHR11:5650144	SSF x Near_LoA	-7,518	0,081	0,293
CHR11	5650173	CHR11:5650173	SSF x Near_LoA	-7,343	-0,136	0,289
CHR11	5650200	CHR11:5650200	SSF x Near_LoA	-11,078	-0,084	0,286
CHR11	5650222	CHR11:5650222	SSF x Near_LoA	-8,233	0,025	0,288
CHR11	5650236	CHR11:5650236	SSF x Near_LoA	-8,104	-0,101	0,276
CHR11	5652715	CHR11:5652715	SSF x Near_LoA	-8,019	0,090	0,288
CHR11	5654427	CHR11:5654427	SSF x Near_LoA	-5,684	-0,139	0,282
CHR11	5654438	CHR11:5654438	SSF x Near_LoA	-5,891	0,235	0,279
CHR11	5654454	CHR11:5654454	SSF x Near_LoA	-7,190	-0,003	0,300
CHR11	5662983	CHR11:5662983	SSF x Near_LoA	-5,401	-0,030	0,300
CHR11	5662994	CHR11:5662994	SSF x Near_LoA	-7,427	0,114	0,285
CHR11	5663037	CHR11:5663037	SSF x Near_LoA	-9,202	-0,114	0,290
CHR11	5663051	CHR11:5663051	SSF x Near_LoA	-5,223	0,003	0,298
CHR11	5663060	CHR11:5663060	SSF x Near_LoA	-7,048	-0,019	0,289
CHR11	5694240	CHR11:5694240	SSF x Near_LoA	-8,692	-0,073	0,289
CHR11	5694310	CHR11:5694310	SSF x Near_LoA	-7,662	0,083	0,288
CHR11	5694311	CHR11:5694311	SSF x Near_LoA	-4,305	0,100	0,288
CHR11	5694312	CHR11:5694312	SSF x Near_LoA	-7,966	0,071	0,282
CHR11	5694373	CHR11:5694373	SSF x Near_LoA	-6,523	0,105	0,268
CHR11	5694382	CHR11:5694382	SSF x Near_LoA	-7,442	-0,039	0,283
CHR11	5694434	CHR11:5694434	SSF x Near_LoA	-7,995	-0,072	0,288
CHR11	5702951	CHR11:5702951	SSF x Near_LoA	-6,335	-0,079	0,281
CHR11	5702992	CHR11:5702992	SSF x Near_LoA	-4,733	-0,040	0,284
CHR11	5703079	CHR11:5703079	SSF x Near_LoA	-8,763	-0,119	0,288
CHR11	5703175	CHR11:5703175	SSF x Near_LoA	-9,175	0,011	0,277
CHR11	5737891	CHR11:5737891	SSF x Near_LoA	-9,356	-0,033	0,287
CHR11	5737905	CHR11:5737905	SSF x Near_LoA	-7,514	-0,054	0,296
CHR11	5737943	CHR11:5737943	SSF x Near_LoA	-7,695	-0,184	0,280
CHR11	5738026	CHR11:5738026	SSF x Near_LoA	-8,424	-0,043	0,291
CHR11	5738072	CHR11:5738072	SSF x Near_LoA	-9,270	0,041	0,274
CHR11	5738117	CHR11:5738117	SSF x Near_LoA	-5,743	0,006	0,302
CHR11	5738118	CHR11:5738118	SSF x Near_LoA	-4,963	0,102	0,287
CHR11	5738130	CHR11:5738130	SSF x Near_LoA	-7,753	0,161	0,287
CHR11	5738169	CHR11:5738169	SSF x Near_LoA	-9,383	0,046	0,298

CHR11	5768351	CHR11:5768351	SSF x Near_LoA	-7,213	-0,071	0,300
CHR11	5768353	CHR11:5768353	SSF x Near_LoA	-9,814	-0,001	0,289
CHR11	5768365	CHR11:5768365	SSF x Near_LoA	-1,521	0,082	0,274
CHR11	5768543	CHR11:5768543	SSF x Near_LoA	-4,725	0,086	0,275
CHR11	5768693	CHR11:5768693	SSF x Near_LoA	-7,139	-0,083	0,300
CHR11	5768695	CHR11:5768695	SSF x Near_LoA	-7,856	-0,088	0,293
CHR11	5769900	CHR11:5769900	SSF x Near_LoA	-8,297	-0,116	0,295
CHR11	5770204	CHR11:5770204	SSF x Near_LoA	-10,025	-0,110	0,282
CHR11	5775109	CHR11:5775109	SSF x Near_LoA	-3,588	-0,082	0,303
CHR11	5775133	CHR11:5775133	SSF x Near_LoA	-8,912	0,009	0,288
CHR11	5777818	CHR11:5777818	SSF x Near_LoA	-7,169	0,014	0,295
CHR11	577800	CHR11:577800	SSF x Near_LoA	-6,723	0,130	0,272
CHR11	577859	CHR11:577859	SSF x Near_LoA	-9,680	0,058	0,290
CHR11	5781202	CHR11:5781202	SSF x Near_LoA	-9,610	0,059	0,277
CHR11	5782424	CHR11:5782424	SSF x Near_LoA	-9,795	0,004	0,277
CHR11	5782433	CHR11:5782433	SSF x Near_LoA	-6,608	-0,001	0,290
CHR11	5782497	CHR11:5782497	SSF x Near_LoA	-9,684	-0,099	0,286
CHR11	5782564	CHR11:5782564	SSF x Near_LoA	-5,202	0,124	0,302
CHR11	5782580	CHR11:5782580	SSF x Near_LoA	-6,449	0,139	0,278
CHR11	5782691	CHR11:5782691	SSF x Near_LoA	-10,342	-0,025	0,290
CHR11	5782713	CHR11:5782713	SSF x Near_LoA	-8,341	0,118	0,285
CHR11	5798675	CHR11:5798675	SSF x Near_LoA	-6,977	-0,161	0,288
CHR11	5798722	CHR11:5798722	SSF x Near_LoA	-8,468	-0,047	0,283
CHR11	5806239	CHR11:5806239	SSF x Near_LoA	-8,716	-0,190	0,275
CHR11	5806271	CHR11:5806271	SSF x Near_LoA	-6,360	0,152	0,291
CHR11	580870	CHR11:580870	SSF x Near_LoA	-7,786	0,128	0,280
CHR11	580902	CHR11:580902	SSF x Near_LoA	-7,583	-0,036	0,295
CHR11	580919	CHR11:580919	SSF x Near_LoA	-6,716	0,161	0,288
CHR11	580923	CHR11:580923	SSF x Near_LoA	-6,232	-0,002	0,298
CHR11	580975	CHR11:580975	SSF x Near_LoA	0,003	0,255	0,266
CHR11	581065	CHR11:581065	SSF x Near_LoA	-8,167	0,064	0,277
CHR11	581082	CHR11:581082	SSF x Near_LoA	-6,671	-0,021	0,283
CHR11	581153	CHR11:581153	SSF x Near_LoA	0,995	-0,267	0,267
CHR11	581190	CHR11:581190	SSF x Near_LoA	-4,996	-0,153	0,284
CHR11	581210	CHR11:581210	SSF x Near_LoA	-10,304	0,032	0,272
CHR11	5835322	CHR11:5835322	SSF x Near_LoA	-6,578	-0,125	0,271
CHR11	5835365	CHR11:5835365	SSF x Near_LoA	-2,277	0,199	0,273
CHR11	5835411	CHR11:5835411	SSF x Near_LoA	-8,705	-0,029	0,274
CHR11	5835425	CHR11:5835425	SSF x Near_LoA	-7,768	0,073	0,277
CHR11	5835472	CHR11:5835472	SSF x Near_LoA	-7,650	-0,015	0,270
CHR11	5835542	CHR11:5835542	SSF x Near_LoA	-10,091	-0,121	0,276
CHR11	5836683	CHR11:5836683	SSF x Near_LoA	-8,127	-0,104	0,273
CHR11	5836738	CHR11:5836738	SSF x Near_LoA	-9,075	-0,080	0,275
CHR11	5836748	CHR11:5836748	SSF x Near_LoA	-6,569	-0,135	0,284
CHR11	5836823	CHR11:5836823	SSF x Near_LoA	-7,489	-0,051	0,296
CHR11	5836879	CHR11:5836879	SSF x Near_LoA	-7,495	-0,040	0,284
CHR11	5853133	CHR11:5853133	SSF x Near_LoA	-4,908	-0,098	0,283
CHR11	5853176	CHR11:5853176	SSF x Near_LoA	-6,981	0,015	0,289
CHR11	5853256	CHR11:5853256	SSF x Near_LoA	-9,800	-0,012	0,281
CHR11	5865189	CHR11:5865189	SSF x Near_LoA	-10,258	-0,105	0,274
CHR11	5865197	CHR11:5865197	SSF x Near_LoA	-7,993	-0,106	0,286
CHR11	5865202	CHR11:5865202	SSF x Near_LoA	-10,054	-0,103	0,280
CHR11	5868785	CHR11:5868785	SSF x Near_LoA	-6,601	-0,131	0,279

CHR11	5873019	CHR11:5873019	SSF x Near_LoA	-7,132	-0,142	0,268
CHR11	5873113	CHR11:5873113	SSF x Near_LoA	-8,350	-0,009	0,281
CHR11	5873217	CHR11:5873217	SSF x Near_LoA	-3,985	-0,064	0,273
CHR11	5873281	CHR11:5873281	SSF x Near_LoA	-9,539	0,102	0,281
CHR11	5880364	CHR11:5880364	SSF x Near_LoA	-2,941	0,237	0,276
CHR11	5880456	CHR11:5880456	SSF x Near_LoA	-7,957	0,074	0,286
CHR11	5880673	CHR11:5880673	SSF x Near_LoA	-9,074	-0,111	0,282
CHR11	5881863	CHR11:5881863	SSF x Near_LoA	-7,597	0,071	0,294
CHR11	5895295	CHR11:5895295	SSF x Near_LoA	0,436	-0,229	0,286
CHR11	5895322	CHR11:5895322	SSF x Near_LoA	-5,887	0,015	0,300
CHR11	5895365	CHR11:5895365	SSF x Near_LoA	-6,198	0,203	0,264
CHR11	5895485	CHR11:5895485	SSF x Near_LoA	-4,464	0,174	0,287
CHR11	5895504	CHR11:5895504	SSF x Near_LoA	-6,462	-0,065	0,286
CHR11	5910945	CHR11:5910945	SSF x Near_LoA	-7,902	0,175	0,282
CHR11	5911292	CHR11:5911292	SSF x Near_LoA	-9,352	0,056	0,292
CHR11	5919263	CHR11:5919263	SSF x Near_LoA	-7,754	0,047	0,289
CHR11	5923727	CHR11:5923727	SSF x Near_LoA	-9,526	-0,094	0,283
CHR11	5923808	CHR11:5923808	SSF x Near_LoA	-11,032	-0,038	0,290
CHR11	593552	CHR11:593552	SSF x Near_LoA	-6,429	-0,069	0,304
CHR11	593675	CHR11:593675	SSF x Near_LoA	-6,987	0,031	0,298
CHR11	593765	CHR11:593765	SSF x Near_LoA	-6,630	-0,083	0,283
CHR11	5945567	CHR11:5945567	SSF x Near_LoA	-9,077	0,001	0,287
CHR11	5945813	CHR11:5945813	SSF x Near_LoA	-4,557	-0,136	0,284
CHR11	596210	CHR11:596210	SSF x Near_LoA	-9,368	0,075	0,289
CHR11	596452	CHR11:596452	SSF x Near_LoA	-9,074	0,139	0,296
CHR11	596489	CHR11:596489	SSF x Near_LoA	-9,122	-0,083	0,285
CHR11	596534	CHR11:596534	SSF x Near_LoA	-8,288	0,023	0,290
CHR11	5972267	CHR11:5972267	SSF x Near_LoA	-6,106	0,131	0,282
CHR11	5972441	CHR11:5972441	SSF x Near_LoA	-7,295	-0,022	0,279
CHR11	5972544	CHR11:5972544	SSF x Near_LoA	-8,352	-0,098	0,281
CHR11	5980525	CHR11:5980525	SSF x Near_LoA	-8,859	-0,112	0,286
CHR11	5980527	CHR11:5980527	SSF x Near_LoA	-4,238	-0,179	0,290
CHR11	5980532	CHR11:5980532	SSF x Near_LoA	-3,387	-0,191	0,292
CHR11	5980536	CHR11:5980536	SSF x Near_LoA	-3,758	-0,153	0,283
CHR11	5980570	CHR11:5980570	SSF x Near_LoA	-9,124	-0,077	0,298
CHR11	5980597	CHR11:5980597	SSF x Near_LoA	-8,036	-0,104	0,286
CHR11	5980605	CHR11:5980605	SSF x Near_LoA	2,424	0,182	0,296
CHR11	5980637	CHR11:5980637	SSF x Near_LoA	-8,162	0,037	0,301
CHR11	5980649	CHR11:5980649	SSF x Near_LoA	-4,552	0,015	0,291
CHR11	5980665	CHR11:5980665	SSF x Near_LoA	-8,887	-0,025	0,276
CHR11	5980668	CHR11:5980668	SSF x Near_LoA	-8,554	0,075	0,286
CHR11	5980720	CHR11:5980720	SSF x Near_LoA	-7,869	0,036	0,292
CHR11	5980772	CHR11:5980772	SSF x Near_LoA	-9,079	0,086	0,274
CHR11	5980787	CHR11:5980787	SSF x Near_LoA	-8,418	0,004	0,302
CHR11	6002069	CHR11:6002069	SSF x Near_LoA	-8,217	0,015	0,262
CHR11	6002083	CHR11:6002083	SSF x Near_LoA	-7,523	-0,093	0,273
CHR11	6002103	CHR11:6002103	SSF x Near_LoA	-6,876	-0,089	0,283
CHR11	6002134	CHR11:6002134	SSF x Near_LoA	-8,688	0,115	0,276
CHR11	6002226	CHR11:6002226	SSF x Near_LoA	-7,693	0,127	0,277
CHR11	6002287	CHR11:6002287	SSF x Near_LoA	-10,676	-0,026	0,286
CHR11	6002349	CHR11:6002349	SSF x Near_LoA	-9,318	0,075	0,274
CHR11	6011347	CHR11:6011347	SSF x Near_LoA	-8,809	0,044	0,288
CHR11	6011400	CHR11:6011400	SSF x Near_LoA	-7,381	0,120	0,266

CHR11	6011416	CHR11:6011416	SSF x Near_LoA	-8,797	0,083	0,273
CHR11	6011444	CHR11:6011444	SSF x Near_LoA	-6,221	0,128	0,277
CHR11	6019509	CHR11:6019509	SSF x Near_LoA	-10,148	0,071	0,288
CHR11	6019569	CHR11:6019569	SSF x Near_LoA	-4,763	0,177	0,257
CHR11	6019598	CHR11:6019598	SSF x Near_LoA	-3,242	-0,147	0,273
CHR11	6019600	CHR11:6019600	SSF x Near_LoA	-8,566	-0,053	0,283
CHR11	6019605	CHR11:6019605	SSF x Near_LoA	-8,069	-0,002	0,283
CHR11	6019637	CHR11:6019637	SSF x Near_LoA	-7,558	0,160	0,266
CHR11	6019747	CHR11:6019747	SSF x Near_LoA	-8,384	0,101	0,299
CHR11	6019751	CHR11:6019751	SSF x Near_LoA	-9,113	-0,003	0,269
CHR11	6019752	CHR11:6019752	SSF x Near_LoA	-9,021	-0,012	0,275
CHR11	6019753	CHR11:6019753	SSF x Near_LoA	-7,959	-0,014	0,291
CHR11	6019786	CHR11:6019786	SSF x Near_LoA	-10,843	0,032	0,283
CHR11	6027691	CHR11:6027691	SSF x Near_LoA	-10,121	0,074	0,277
CHR11	6027785	CHR11:6027785	SSF x Near_LoA	-7,649	-0,054	0,283
CHR11	6027857	CHR11:6027857	SSF x Near_LoA	-8,391	-0,131	0,283
CHR11	6027869	CHR11:6027869	SSF x Near_LoA	-7,225	-0,135	0,274
CHR11	6061612	CHR11:6061612	SSF x Near_LoA	-10,767	-0,002	0,285
CHR11	6061632	CHR11:6061632	SSF x Near_LoA	-9,424	-0,077	0,287
CHR11	6065011	CHR11:6065011	SSF x Near_LoA	1,366	-0,244	0,255
CHR11	6065081	CHR11:6065081	SSF x Near_LoA	-7,239	-0,093	0,284
CHR11	6065092	CHR11:6065092	SSF x Near_LoA	-7,014	0,144	0,281
CHR11	6065109	CHR11:6065109	SSF x Near_LoA	-6,452	0,136	0,277
CHR11	6065120	CHR11:6065120	SSF x Near_LoA	-6,763	0,066	0,278
CHR11	6065124	CHR11:6065124	SSF x Near_LoA	-1,047	0,132	0,276
CHR11	6073404	CHR11:6073404	SSF x Near_LoA	-8,946	0,072	0,294
CHR11	6073418	CHR11:6073418	SSF x Near_LoA	-7,143	0,099	0,279
CHR11	6073443	CHR11:6073443	SSF x Near_LoA	-8,236	-0,016	0,306
CHR11	6073605	CHR11:6073605	SSF x Near_LoA	-5,571	0,157	0,281
CHR11	6084894	CHR11:6084894	SSF x Near_LoA	-9,311	0,063	0,284
CHR11	6085105	CHR11:6085105	SSF x Near_LoA	-2,954	-0,190	0,278
CHR11	6131251	CHR11:6131251	SSF x Near_LoA	-7,374	-0,102	0,286
CHR11	6131359	CHR11:6131359	SSF x Near_LoA	-8,203	0,058	0,285
CHR11	6131362	CHR11:6131362	SSF x Near_LoA	-6,112	-0,102	0,295
CHR11	6131544	CHR11:6131544	SSF x Near_LoA	-8,034	0,056	0,266
CHR11	6131570	CHR11:6131570	SSF x Near_LoA	0,295	0,292	0,263
CHR11	6131665	CHR11:6131665	SSF x Near_LoA	-6,967	0,129	0,280
CHR11	6131680	CHR11:6131680	SSF x Near_LoA	-7,780	0,109	0,274
CHR11	6139860	CHR11:6139860	SSF x Near_LoA	-6,129	-0,009	0,289
CHR11	6140478	CHR11:6140478	SSF x Near_LoA	-9,442	-0,087	0,273
CHR11	6160294	CHR11:6160294	SSF x Near_LoA	-8,891	-0,002	0,290
CHR11	6160334	CHR11:6160334	SSF x Near_LoA	-7,295	0,114	0,293
CHR11	6160337	CHR11:6160337	SSF x Near_LoA	-6,969	0,001	0,296
CHR11	6160354	CHR11:6160354	SSF x Near_LoA	4,148	0,221	0,259
CHR11	6160405	CHR11:6160405	SSF x Near_LoA	-7,851	0,058	0,293
CHR11	6161041	CHR11:6161041	SSF x Near_LoA	-9,738	0,019	0,286
CHR11	6161051	CHR11:6161051	SSF x Near_LoA	-8,781	0,004	0,291
CHR11	6161106	CHR11:6161106	SSF x Near_LoA	-8,229	0,032	0,280
CHR11	6161113	CHR11:6161113	SSF x Near_LoA	-7,049	-0,036	0,275
CHR11	6161126	CHR11:6161126	SSF x Near_LoA	-10,046	-0,028	0,276
CHR11	6161144	CHR11:6161144	SSF x Near_LoA	-7,042	0,003	0,281
CHR11	6162147	CHR11:6162147	SSF x Near_LoA	-10,303	-0,047	0,285
CHR11	616244	CHR11:616244	SSF x Near_LoA	-6,946	0,197	0,264

CHR11	616338	CHR11:616338	SSF x Near_LoA	-9,936	0,034	0,288
CHR11	616352	CHR11:616352	SSF x Near_LoA	-8,221	-0,046	0,287
CHR11	616484	CHR11:616484	SSF x Near_LoA	-6,545	-0,082	0,295
CHR11	618188	CHR11:618188	SSF x Near_LoA	-7,149	0,037	0,287
CHR11	618265	CHR11:618265	SSF x Near_LoA	-9,125	-0,034	0,267
CHR11	6183698	CHR11:6183698	SSF x Near_LoA	-8,173	-0,131	0,284
CHR11	6190401	CHR11:6190401	SSF x Near_LoA	-6,825	0,154	0,286
CHR11	621382	CHR11:621382	SSF x Near_LoA	-7,182	0,064	0,291
CHR11	621387	CHR11:621387	SSF x Near_LoA	-10,541	-0,015	0,289
CHR11	621412	CHR11:621412	SSF x Near_LoA	-10,516	-0,105	0,286
CHR11	625687	CHR11:625687	SSF x Near_LoA	-7,884	-0,098	0,280
CHR11	625716	CHR11:625716	SSF x Near_LoA	-4,157	-0,060	0,288
CHR11	625718	CHR11:625718	SSF x Near_LoA	-9,683	0,036	0,294
CHR11	625763	CHR11:625763	SSF x Near_LoA	-7,281	-0,176	0,272
CHR11	625788	CHR11:625788	SSF x Near_LoA	-10,280	-0,004	0,291
CHR11	628601	CHR11:628601	SSF x Near_LoA	-9,705	0,004	0,290
CHR11	628631	CHR11:628631	SSF x Near_LoA	-10,454	0,105	0,272
CHR11	628637	CHR11:628637	SSF x Near_LoA	-7,602	0,080	0,278
CHR11	630976	CHR11:630976	SSF x Near_LoA	-3,875	-0,179	0,268
CHR11	631058	CHR11:631058	SSF x Near_LoA	-8,783	-0,067	0,303
CHR11	631140	CHR11:631140	SSF x Near_LoA	-4,957	-0,104	0,290
CHR11	631141	CHR11:631141	SSF x Near_LoA	-7,740	-0,113	0,295
CHR11	6357304	CHR11:6357304	SSF x Near_LoA	-8,664	0,087	0,292
CHR11	6374831	CHR11:6374831	SSF x Near_LoA	-6,831	-0,079	0,288
CHR11	6374875	CHR11:6374875	SSF x Near_LoA	-8,463	0,026	0,290
CHR11	6374943	CHR11:6374943	SSF x Near_LoA	-7,930	-0,114	0,286
CHR11	6375162	CHR11:6375162	SSF x Near_LoA	-9,733	0,001	0,286
CHR11	6392820	CHR11:6392820	SSF x Near_LoA	-8,531	0,100	0,295
CHR11	6392836	CHR11:6392836	SSF x Near_LoA	-7,867	-0,033	0,286
CHR11	6392843	CHR11:6392843	SSF x Near_LoA	-8,113	0,047	0,294
CHR11	6392857	CHR11:6392857	SSF x Near_LoA	-4,811	0,054	0,294
CHR11	6392866	CHR11:6392866	SSF x Near_LoA	-7,784	0,048	0,283
CHR11	6392878	CHR11:6392878	SSF x Near_LoA	-7,564	0,048	0,299
CHR11	6392880	CHR11:6392880	SSF x Near_LoA	-2,723	0,058	0,297
CHR11	6392881	CHR11:6392881	SSF x Near_LoA	-7,299	0,019	0,293
CHR11	6392969	CHR11:6392969	SSF x Near_LoA	-4,754	0,152	0,280
CHR11	6392984	CHR11:6392984	SSF x Near_LoA	-8,731	0,035	0,273
CHR11	6392986	CHR11:6392986	SSF x Near_LoA	-5,348	-0,125	0,277
CHR11	6397979	CHR11:6397979	SSF x Near_LoA	-7,156	-0,152	0,282
CHR11	6397983	CHR11:6397983	SSF x Near_LoA	-6,782	-0,141	0,281
CHR11	6398017	CHR11:6398017	SSF x Near_LoA	-6,187	-0,128	0,285
CHR11	6398120	CHR11:6398120	SSF x Near_LoA	-7,908	-0,059	0,288
CHR11	6398154	CHR11:6398154	SSF x Near_LoA	-3,892	-0,057	0,295
CHR11	6398183	CHR11:6398183	SSF x Near_LoA	-5,026	0,227	0,266
CHR11	6400374	CHR11:6400374	SSF x Near_LoA	-4,413	0,207	0,286
CHR11	640039	CHR11:640039	SSF x Near_LoA	-8,965	0,046	0,271
CHR11	640059	CHR11:640059	SSF x Near_LoA	-7,061	0,073	0,284
CHR11	640064	CHR11:640064	SSF x Near_LoA	-7,808	0,050	0,284
CHR11	640118	CHR11:640118	SSF x Near_LoA	-3,914	-0,209	0,283
CHR11	640119	CHR11:640119	SSF x Near_LoA	-6,086	0,145	0,292
CHR11	640190	CHR11:640190	SSF x Near_LoA	-10,157	0,004	0,275
CHR11	640200	CHR11:640200	SSF x Near_LoA	-8,595	0,061	0,291
CHR11	640230	CHR11:640230	SSF x Near_LoA	-6,813	0,115	0,278

CHR11	640243	CHR11:640243	SSF x Near_LoA	-7,692	-0,056	0,278
CHR11	6402612	CHR11:6402612	SSF x Near_LoA	-8,675	0,022	0,280
CHR11	6402661	CHR11:6402661	SSF x Near_LoA	-7,712	-0,027	0,277
CHR11	640280	CHR11:640280	SSF x Near_LoA	-7,005	0,075	0,285
CHR11	640281	CHR11:640281	SSF x Near_LoA	-7,462	0,078	0,294
CHR11	640300	CHR11:640300	SSF x Near_LoA	-8,604	0,020	0,289
CHR11	640305	CHR11:640305	SSF x Near_LoA	-9,702	-0,025	0,298
CHR11	6407325	CHR11:6407325	SSF x Near_LoA	-8,049	-0,106	0,293
CHR11	6407326	CHR11:6407326	SSF x Near_LoA	-8,184	-0,014	0,293
CHR11	6407386	CHR11:6407386	SSF x Near_LoA	-11,476	-0,046	0,281
CHR11	6459098	CHR11:6459098	SSF x Near_LoA	-8,077	0,068	0,294
CHR11	6459302	CHR11:6459302	SSF x Near_LoA	-9,323	0,033	0,289
CHR11	6459311	CHR11:6459311	SSF x Near_LoA	-10,192	0,057	0,289
CHR11	6468734	CHR11:6468734	SSF x Near_LoA	-7,633	0,007	0,291
CHR11	6468749	CHR11:6468749	SSF x Near_LoA	-4,678	-0,151	0,283
CHR11	6468788	CHR11:6468788	SSF x Near_LoA	-9,653	-0,046	0,288
CHR11	6469145	CHR11:6469145	SSF x Near_LoA	-8,014	-0,130	0,297
CHR11	6477739	CHR11:6477739	SSF x Near_LoA	-7,264	-0,030	0,297
CHR11	649680	CHR11:649680	SSF x Near_LoA	-9,557	0,004	0,285
CHR11	649773	CHR11:649773	SSF x Near_LoA	-8,154	0,044	0,296
CHR11	649813	CHR11:649813	SSF x Near_LoA	-7,946	0,101	0,280
CHR11	6514360	CHR11:6514360	SSF x Near_LoA	-9,829	0,078	0,279
CHR11	6514392	CHR11:6514392	SSF x Near_LoA	-6,982	0,154	0,278
CHR11	6514440	CHR11:6514440	SSF x Near_LoA	-7,178	0,125	0,279
CHR11	6516888	CHR11:6516888	SSF x Near_LoA	-7,571	0,094	0,288
CHR11	6516912	CHR11:6516912	SSF x Near_LoA	-9,494	0,050	0,290
CHR11	6517047	CHR11:6517047	SSF x Near_LoA	-10,006	0,077	0,286
CHR11	6522023	CHR11:6522023	SSF x Near_LoA	-7,804	0,102	0,275
CHR11	6522070	CHR11:6522070	SSF x Near_LoA	-9,588	0,085	0,288
CHR11	6522109	CHR11:6522109	SSF x Near_LoA	-9,491	-0,008	0,276
CHR11	6522124	CHR11:6522124	SSF x Near_LoA	-9,681	-0,084	0,289
CHR11	6522254	CHR11:6522254	SSF x Near_LoA	-9,116	0,062	0,276
CHR11	6522350	CHR11:6522350	SSF x Near_LoA	-7,239	-0,093	0,289
CHR11	6522360	CHR11:6522360	SSF x Near_LoA	-9,630	0,081	0,274
CHR11	6522367	CHR11:6522367	SSF x Near_LoA	-8,145	-0,095	0,291
CHR11	6526950	CHR11:6526950	SSF x Near_LoA	-6,933	-0,074	0,266
CHR11	6527067	CHR11:6527067	SSF x Near_LoA	-4,977	0,066	0,289
CHR11	6527141	CHR11:6527141	SSF x Near_LoA	-6,697	0,030	0,296
CHR11	6527182	CHR11:6527182	SSF x Near_LoA	-4,728	-0,007	0,285
CHR11	6527210	CHR11:6527210	SSF x Near_LoA	-6,757	-0,040	0,287
CHR11	6530333	CHR11:6530333	SSF x Near_LoA	-2,216	0,208	0,278
CHR11	6541632	CHR11:6541632	SSF x Near_LoA	-7,352	0,132	0,298
CHR11	6541676	CHR11:6541676	SSF x Near_LoA	-6,627	0,121	0,297
CHR11	6548756	CHR11:6548756	SSF x Near_LoA	-8,569	-0,025	0,284
CHR11	6548812	CHR11:6548812	SSF x Near_LoA	-6,748	-0,082	0,285
CHR11	6548928	CHR11:6548928	SSF x Near_LoA	-7,296	-0,070	0,289
CHR11	6557742	CHR11:6557742	SSF x Near_LoA	-6,310	-0,161	0,276
CHR11	6563418	CHR11:6563418	SSF x Near_LoA	-7,851	0,112	0,265
CHR11	6563436	CHR11:6563436	SSF x Near_LoA	-9,162	0,105	0,280
CHR11	6570331	CHR11:6570331	SSF x Near_LoA	-8,532	-0,114	0,282
CHR11	6573973	CHR11:6573973	SSF x Near_LoA	-6,919	0,062	0,286
CHR11	6677020	CHR11:6677020	SSF x Near_LoA	-4,402	-0,160	0,284
CHR11	6677044	CHR11:6677044	SSF x Near_LoA	-8,492	0,119	0,282

CHR11	6677105	CHR11:6677105	SSF x Near_LoA	-9,090	0,094	0,284
CHR11	6677289	CHR11:6677289	SSF x Near_LoA	-7,046	0,114	0,303
CHR11	6696718	CHR11:6696718	SSF x Near_LoA	-4,881	0,076	0,285
CHR11	6696829	CHR11:6696829	SSF x Near_LoA	-7,684	0,029	0,293
CHR11	6726989	CHR11:6726989	SSF x Near_LoA	-7,155	-0,107	0,287
CHR11	6727012	CHR11:6727012	SSF x Near_LoA	-0,253	0,195	0,269
CHR11	6727056	CHR11:6727056	SSF x Near_LoA	-7,779	-0,055	0,292
CHR11	6730259	CHR11:6730259	SSF x Near_LoA	-7,752	0,114	0,281
CHR11	6730269	CHR11:6730269	SSF x Near_LoA	-5,398	0,137	0,286
CHR11	6730276	CHR11:6730276	SSF x Near_LoA	-4,817	0,098	0,298
CHR11	6730306	CHR11:6730306	SSF x Near_LoA	-6,866	-0,039	0,296
CHR11	6730309	CHR11:6730309	SSF x Near_LoA	-10,874	-0,060	0,290
CHR11	6730363	CHR11:6730363	SSF x Near_LoA	-7,840	-0,089	0,280
CHR11	6730460	CHR11:6730460	SSF x Near_LoA	-7,566	0,055	0,295
CHR11	6748909	CHR11:6748909	SSF x Near_LoA	-7,137	0,091	0,285
CHR11	6748919	CHR11:6748919	SSF x Near_LoA	-8,391	0,005	0,290
CHR11	6748968	CHR11:6748968	SSF x Near_LoA	-9,028	-0,040	0,287
CHR11	6749010	CHR11:6749010	SSF x Near_LoA	-7,380	0,090	0,297
CHR11	6749015	CHR11:6749015	SSF x Near_LoA	-8,424	-0,095	0,284
CHR11	6749119	CHR11:6749119	SSF x Near_LoA	-7,568	0,169	0,276
CHR11	6753667	CHR11:6753667	SSF x Near_LoA	-8,283	0,063	0,297
CHR11	6759608	CHR11:6759608	SSF x Near_LoA	5,525	0,092	0,287
CHR11	6759631	CHR11:6759631	SSF x Near_LoA	-7,160	0,111	0,302
CHR11	6759668	CHR11:6759668	SSF x Near_LoA	-10,073	-0,007	0,283
CHR11	6759669	CHR11:6759669	SSF x Near_LoA	-9,602	-0,032	0,290
CHR11	6759687	CHR11:6759687	SSF x Near_LoA	-9,007	-0,003	0,290
CHR11	6759712	CHR11:6759712	SSF x Near_LoA	-8,482	0,069	0,288
CHR11	6759718	CHR11:6759718	SSF x Near_LoA	-7,292	0,101	0,285
CHR11	6759766	CHR11:6759766	SSF x Near_LoA	-8,623	0,037	0,290
CHR11	6767761	CHR11:6767761	SSF x Near_LoA	-8,822	-0,044	0,286
CHR11	6767823	CHR11:6767823	SSF x Near_LoA	-8,700	-0,104	0,272
CHR11	6767932	CHR11:6767932	SSF x Near_LoA	-6,204	-0,010	0,280
CHR11	6767958	CHR11:6767958	SSF x Near_LoA	-9,274	-0,078	0,300
CHR11	6776710	CHR11:6776710	SSF x Near_LoA	-5,413	-0,257	0,264
CHR11	6776757	CHR11:6776757	SSF x Near_LoA	-9,068	0,091	0,282
CHR11	6776760	CHR11:6776760	SSF x Near_LoA	-7,301	0,043	0,287
CHR11	6776789	CHR11:6776789	SSF x Near_LoA	-3,282	-0,245	0,266
CHR11	6776845	CHR11:6776845	SSF x Near_LoA	-8,100	-0,051	0,293
CHR11	6800997	CHR11:6800997	SSF x Near_LoA	-8,296	-0,002	0,288
CHR11	6806885	CHR11:6806885	SSF x Near_LoA	-9,387	-0,070	0,275
CHR11	6806974	CHR11:6806974	SSF x Near_LoA	-4,496	0,120	0,290
CHR11	680797	CHR11:680797	SSF x Near_LoA	2,563	-0,343	0,245
CHR11	6821383	CHR11:6821383	SSF x Near_LoA	-7,634	0,009	0,279
CHR11	6821426	CHR11:6821426	SSF x Near_LoA	-7,640	0,032	0,302
CHR11	6821470	CHR11:6821470	SSF x Near_LoA	-6,590	-0,061	0,286
CHR11	6821494	CHR11:6821494	SSF x Near_LoA	-10,183	0,138	0,270
CHR11	6824692	CHR11:6824692	SSF x Near_LoA	-7,813	0,080	0,270
CHR11	6824882	CHR11:6824882	SSF x Near_LoA	-9,062	0,008	0,287
CHR11	6824995	CHR11:6824995	SSF x Near_LoA	-6,564	0,050	0,306
CHR11	6825000	CHR11:6825000	SSF x Near_LoA	-6,732	0,087	0,285
CHR11	6831984	CHR11:6831984	SSF x Near_LoA	-4,762	0,171	0,285
CHR11	6832012	CHR11:6832012	SSF x Near_LoA	-2,790	0,160	0,282
CHR11	6832063	CHR11:6832063	SSF x Near_LoA	-9,445	0,037	0,292

CHR11	6832096	CHR11:6832096 SSF x Near_LoA		-10,262	0,048	0,279
CHR11	6835295	CHR11:6835295 SSF x Near_LoA		-6,580	0,080	0,279
CHR11	6835475	CHR11:6835475 SSF x Near_LoA		-7,410	-0,135	0,291
CHR11	6835544	CHR11:6835544 SSF x Near_LoA		-8,427	-0,062	0,291
CHR11	6881115	CHR11:6881115 SSF x Near_LoA		-9,923	0,097	0,289
CHR11	6881199	CHR11:6881199 SSF x Near_LoA		-7,617	0,035	0,280
CHR11	6881228	CHR11:6881228 SSF x Near_LoA		-7,969	0,015	0,276
CHR11	6881377	CHR11:6881377 SSF x Near_LoA		-8,552	-0,112	0,294
CHR11	6881395	CHR11:6881395 SSF x Near_LoA		-7,026	0,080	0,288
CHR11	6881524	CHR11:6881524 SSF x Near_LoA		-7,889	0,014	0,281
CHR11	6881529	CHR11:6881529 SSF x Near_LoA		-9,471	-0,018	0,280
CHR11	6881540	CHR11:6881540 SSF x Near_LoA		-8,584	0,069	0,282
CHR11	6881543	CHR11:6881543 SSF x Near_LoA		-10,364	-0,028	0,278
CHR11	6881551	CHR11:6881551 SSF x Near_LoA		-9,571	-0,023	0,286
CHR11	6914791	CHR11:6914791 SSF x Near_LoA		-8,583	-0,044	0,279
CHR11	6914871	CHR11:6914871 SSF x Near_LoA		-7,900	-0,082	0,297
CHR11	6920711	CHR11:6920711 SSF x Near_LoA		-6,765	-0,095	0,286
CHR11	6928134	CHR11:6928134 SSF x Near_LoA		-9,826	-0,080	0,292
CHR11	6948780	CHR11:6948780 SSF x Near_LoA		-6,971	-0,115	0,292
CHR11	6948787	CHR11:6948787 SSF x Near_LoA		-7,799	-0,092	0,282
CHR11	6948788	CHR11:6948788 SSF x Near_LoA		-7,300	-0,137	0,279
CHR11	6948798	CHR11:6948798 SSF x Near_LoA		-7,639	-0,110	0,274
CHR11	6948826	CHR11:6948826 SSF x Near_LoA		-8,041	0,080	0,282
CHR11	6955379	CHR11:6955379 SSF x Near_LoA		-3,421	-0,178	0,282
CHR11	6979926	CHR11:6979926 SSF x Near_LoA		-7,746	0,051	0,283
CHR11	6979928	CHR11:6979928 SSF x Near_LoA		-7,435	0,091	0,290
CHR11	6979965	CHR11:6979965 SSF x Near_LoA		-9,358	-0,002	0,285
CHR11	6983058	CHR11:6983058 SSF x Near_LoA		-4,577	-0,208	0,268
CHR11	7001122	CHR11:7001122 SSF x Near_LoA		-9,235	0,070	0,290
CHR11	7001125	CHR11:7001125 SSF x Near_LoA		-5,899	-0,116	0,286
CHR11	7001169	CHR11:7001169 SSF x Near_LoA		-1,828	0,187	0,285
CHR11	7001205	CHR11:7001205 SSF x Near_LoA		-7,730	-0,091	0,300
CHR11	7001215	CHR11:7001215 SSF x Near_LoA		-8,145	0,077	0,287
CHR11	7014020	CHR11:7014020 SSF x Near_LoA		-7,740	-0,141	0,276
CHR11	7014050	CHR11:7014050 SSF x Near_LoA		-9,223	-0,108	0,288
CHR11	7014206	CHR11:7014206 SSF x Near_LoA		-7,180	0,053	0,283
CHR11	7014217	CHR11:7014217 SSF x Near_LoA		-9,349	0,082	0,291
CHR11	7014231	CHR11:7014231 SSF x Near_LoA		-10,083	-0,051	0,295
CHR11	7022633	CHR11:7022633 SSF x Near_LoA		-5,538	0,153	0,290
CHR11	7022702	CHR11:7022702 SSF x Near_LoA		5,304	-0,015	0,286
CHR11	7022731	CHR11:7022731 SSF x Near_LoA		-6,109	-0,182	0,280
CHR11	7022768	CHR11:7022768 SSF x Near_LoA		-6,092	0,041	0,294
CHR11	7030086	CHR11:7030086 SSF x Near_LoA		-7,621	0,138	0,275
CHR11	7030211	CHR11:7030211 SSF x Near_LoA		-7,416	-0,091	0,297
CHR11	7030258	CHR11:7030258 SSF x Near_LoA		-8,630	0,027	0,286
CHR11	7030273	CHR11:7030273 SSF x Near_LoA		-9,569	-0,042	0,278
CHR11	7030284	CHR11:7030284 SSF x Near_LoA		-9,613	-0,086	0,288
CHR11	7030300	CHR11:7030300 SSF x Near_LoA		-10,079	0,102	0,288
CHR11	7035985	CHR11:7035985 SSF x Near_LoA		-8,174	-0,092	0,285
CHR11	7036028	CHR11:7036028 SSF x Near_LoA		-7,876	0,045	0,281
CHR11	7036172	CHR11:7036172 SSF x Near_LoA		-1,880	-0,153	0,291
CHR11	7036182	CHR11:7036182 SSF x Near_LoA		-6,969	-0,126	0,286
CHR11	7040315	CHR11:7040315 SSF x Near_LoA		-9,595	-0,022	0,294

CHR11	7040594	CHR11:7040594	SSF x Near_LoA	-6,045	-0,131	0,271
CHR11	7040747	CHR11:7040747	SSF x Near_LoA	-5,404	-0,113	0,283
CHR11	7040816	CHR11:7040816	SSF x Near_LoA	-9,097	0,029	0,283
CHR11	7040906	CHR11:7040906	SSF x Near_LoA	-5,279	-0,074	0,293
CHR11	7055029	CHR11:7055029	SSF x Near_LoA	-9,545	0,004	0,278
CHR11	7055355	CHR11:7055355	SSF x Near_LoA	-9,883	-0,031	0,289
CHR11	7071121	CHR11:7071121	SSF x Near_LoA	-7,325	0,091	0,277
CHR11	7071133	CHR11:7071133	SSF x Near_LoA	-8,180	0,000	0,297
CHR11	7071406	CHR11:7071406	SSF x Near_LoA	-8,891	-0,002	0,283
CHR11	7071427	CHR11:7071427	SSF x Near_LoA	-9,980	-0,042	0,279
CHR11	7077532	CHR11:7077532	SSF x Near_LoA	-11,011	0,040	0,287
CHR11	7077587	CHR11:7077587	SSF x Near_LoA	-5,709	-0,103	0,274
CHR11	7077636	CHR11:7077636	SSF x Near_LoA	-8,510	-0,136	0,276
CHR11	7084309	CHR11:7084309	SSF x Near_LoA	-5,258	-0,206	0,278
CHR11	7084459	CHR11:7084459	SSF x Near_LoA	-7,689	-0,022	0,284
CHR11	7084559	CHR11:7084559	SSF x Near_LoA	-7,418	-0,108	0,289
CHR11	7130206	CHR11:7130206	SSF x Near_LoA	-8,061	0,162	0,284
CHR11	7130426	CHR11:7130426	SSF x Near_LoA	-7,234	-0,025	0,283
CHR11	7130541	CHR11:7130541	SSF x Near_LoA	-6,982	0,202	0,282
CHR11	7135759	CHR11:7135759	SSF x Near_LoA	-8,053	-0,111	0,291
CHR11	7135796	CHR11:7135796	SSF x Near_LoA	-6,497	0,101	0,281
CHR11	7135803	CHR11:7135803	SSF x Near_LoA	-6,505	-0,183	0,262
CHR11	7135852	CHR11:7135852	SSF x Near_LoA	-5,054	0,178	0,279
CHR11	7135877	CHR11:7135877	SSF x Near_LoA	-9,616	-0,101	0,285
CHR11	7135886	CHR11:7135886	SSF x Near_LoA	-6,083	0,107	0,279
CHR11	7135961	CHR11:7135961	SSF x Near_LoA	-10,260	-0,017	0,288
CHR11	7135965	CHR11:7135965	SSF x Near_LoA	-6,170	-0,025	0,297
CHR11	7135966	CHR11:7135966	SSF x Near_LoA	-7,946	0,022	0,284
CHR11	7135967	CHR11:7135967	SSF x Near_LoA	-7,763	-0,005	0,288
CHR11	7136012	CHR11:7136012	SSF x Near_LoA	-7,145	-0,097	0,299
CHR11	7136050	CHR11:7136050	SSF x Near_LoA	-9,719	0,022	0,280
CHR11	7136068	CHR11:7136068	SSF x Near_LoA	-8,735	-0,001	0,284
CHR11	7142133	CHR11:7142133	SSF x Near_LoA	-6,177	-0,018	0,291
CHR11	7142225	CHR11:7142225	SSF x Near_LoA	-6,855	-0,113	0,295
CHR11	7142236	CHR11:7142236	SSF x Near_LoA	-8,501	0,062	0,272
CHR11	7142237	CHR11:7142237	SSF x Near_LoA	-8,081	0,059	0,280
CHR11	7142306	CHR11:7142306	SSF x Near_LoA	-6,758	0,104	0,284
CHR11	7142358	CHR11:7142358	SSF x Near_LoA	-8,210	-0,073	0,287
CHR11	7142360	CHR11:7142360	SSF x Near_LoA	-5,935	-0,059	0,291
CHR11	7150574	CHR11:7150574	SSF x Near_LoA	-4,656	-0,248	0,273
CHR11	7150626	CHR11:7150626	SSF x Near_LoA	-2,790	-0,233	0,273
CHR11	7150698	CHR11:7150698	SSF x Near_LoA	1,568	-0,212	0,256
CHR11	7150823	CHR11:7150823	SSF x Near_LoA	-8,989	0,006	0,299
CHR11	7150843	CHR11:7150843	SSF x Near_LoA	-8,109	-0,042	0,286
CHR11	7158093	CHR11:7158093	SSF x Near_LoA	-7,181	0,045	0,302
CHR11	7158233	CHR11:7158233	SSF x Near_LoA	-7,982	0,011	0,281
CHR11	7163836	CHR11:7163836	SSF x Near_LoA	-7,949	-0,085	0,276
CHR11	7163874	CHR11:7163874	SSF x Near_LoA	-7,814	0,020	0,279
CHR11	7163881	CHR11:7163881	SSF x Near_LoA	-0,475	-0,027	0,280
CHR11	7163927	CHR11:7163927	SSF x Near_LoA	-8,129	0,037	0,267
CHR11	7163934	CHR11:7163934	SSF x Near_LoA	-5,332	0,038	0,293
CHR11	7163978	CHR11:7163978	SSF x Near_LoA	-3,940	0,053	0,290
CHR11	7177058	CHR11:7177058	SSF x Near_LoA	-8,541	-0,105	0,279

CHR11	7200531	CHR11:7200531	SSF x Near_LoA	-10,234	-0,041	0,282
CHR11	7226047	CHR11:7226047	SSF x Near_LoA	-9,341	-0,013	0,286
CHR11	7272839	CHR11:7272839	SSF x Near_LoA	-5,437	0,179	0,285
CHR11	727534	CHR11:727534	SSF x Near_LoA	-8,719	-0,013	0,285
CHR11	727612	CHR11:727612	SSF x Near_LoA	-8,052	-0,055	0,281
CHR11	727726	CHR11:727726	SSF x Near_LoA	-9,416	0,127	0,284
CHR11	727822	CHR11:727822	SSF x Near_LoA	-4,131	0,165	0,292
CHR11	727929	CHR11:727929	SSF x Near_LoA	-6,114	-0,144	0,296
CHR11	7308810	CHR11:7308810	SSF x Near_LoA	-6,500	-0,186	0,262
CHR11	7308824	CHR11:7308824	SSF x Near_LoA	-9,646	-0,054	0,284
CHR11	7308969	CHR11:7308969	SSF x Near_LoA	-10,000	0,019	0,282
CHR11	7310808	CHR11:7310808	SSF x Near_LoA	-6,621	-0,038	0,277
CHR11	7311012	CHR11:7311012	SSF x Near_LoA	-6,620	0,114	0,296
CHR11	7320230	CHR11:7320230	SSF x Near_LoA	-5,560	-0,144	0,288
CHR11	7320397	CHR11:7320397	SSF x Near_LoA	-7,139	-0,130	0,285
CHR11	7331429	CHR11:7331429	SSF x Near_LoA	-10,062	0,019	0,292
CHR11	7366867	CHR11:7366867	SSF x Near_LoA	-9,810	0,042	0,291
CHR11	7366886	CHR11:7366886	SSF x Near_LoA	-7,551	-0,082	0,283
CHR11	7366911	CHR11:7366911	SSF x Near_LoA	-8,351	-0,021	0,280
CHR11	7370275	CHR11:7370275	SSF x Near_LoA	-6,266	-0,175	0,281
CHR11	7370343	CHR11:7370343	SSF x Near_LoA	-6,679	-0,098	0,272
CHR11	7370397	CHR11:7370397	SSF x Near_LoA	-7,175	-0,173	0,279
CHR11	7370520	CHR11:7370520	SSF x Near_LoA	-3,689	-0,158	0,288
CHR11	7373940	CHR11:7373940	SSF x Near_LoA	-7,684	0,073	0,286
CHR11	7387570	CHR11:7387570	SSF x Near_LoA	-8,719	0,016	0,294
CHR11	7416285	CHR11:7416285	SSF x Near_LoA	-7,171	-0,012	0,284
CHR11	7416484	CHR11:7416484	SSF x Near_LoA	-9,848	0,042	0,287
CHR11	7420402	CHR11:7420402	SSF x Near_LoA	-7,937	-0,004	0,288
CHR11	7420454	CHR11:7420454	SSF x Near_LoA	-5,681	0,123	0,296
CHR11	7420537	CHR11:7420537	SSF x Near_LoA	-10,594	-0,017	0,282
CHR11	7420539	CHR11:7420539	SSF x Near_LoA	-7,050	-0,018	0,294
CHR11	7420540	CHR11:7420540	SSF x Near_LoA	-6,239	-0,086	0,298
CHR11	7420557	CHR11:7420557	SSF x Near_LoA	-7,916	-0,025	0,289
CHR11	7439384	CHR11:7439384	SSF x Near_LoA	-11,336	0,020	0,280
CHR11	7469517	CHR11:7469517	SSF x Near_LoA	-4,166	0,203	0,285
CHR11	7469551	CHR11:7469551	SSF x Near_LoA	-4,648	0,188	0,279
CHR11	7469560	CHR11:7469560	SSF x Near_LoA	-5,176	0,177	0,273
CHR11	7469568	CHR11:7469568	SSF x Near_LoA	-4,602	0,181	0,286
CHR11	7469595	CHR11:7469595	SSF x Near_LoA	-5,345	-0,137	0,296
CHR11	7469661	CHR11:7469661	SSF x Near_LoA	-9,658	0,019	0,285
CHR11	7474302	CHR11:7474302	SSF x Near_LoA	-7,256	0,133	0,271
CHR11	7474422	CHR11:7474422	SSF x Near_LoA	-8,867	-0,072	0,277
CHR11	7474427	CHR11:7474427	SSF x Near_LoA	-10,443	0,065	0,287
CHR11	7474470	CHR11:7474470	SSF x Near_LoA	-8,322	-0,039	0,282
CHR11	7487111	CHR11:7487111	SSF x Near_LoA	-3,584	-0,066	0,290
CHR11	7487177	CHR11:7487177	SSF x Near_LoA	-7,945	-0,129	0,285
CHR11	7487212	CHR11:7487212	SSF x Near_LoA	-7,676	0,113	0,282
CHR11	7487315	CHR11:7487315	SSF x Near_LoA	-7,807	-0,016	0,297
CHR11	7499525	CHR11:7499525	SSF x Near_LoA	-9,628	-0,045	0,286
CHR11	7499532	CHR11:7499532	SSF x Near_LoA	-6,639	0,027	0,280
CHR11	7499542	CHR11:7499542	SSF x Near_LoA	-9,009	0,057	0,271
CHR11	7507609	CHR11:7507609	SSF x Near_LoA	-7,035	-0,180	0,273
CHR11	7507725	CHR11:7507725	SSF x Near_LoA	-5,450	-0,140	0,274

CHR11	7507792	CHR11:7507792	SSF x Near_LoA	-7,720	0,082	0,287
CHR11	7507824	CHR11:7507824	SSF x Near_LoA	-7,097	0,091	0,283
CHR11	7507833	CHR11:7507833	SSF x Near_LoA	-7,202	-0,087	0,292
CHR11	7507835	CHR11:7507835	SSF x Near_LoA	-10,902	0,046	0,280
CHR11	7507839	CHR11:7507839	SSF x Near_LoA	-4,037	-0,170	0,284
CHR11	7507918	CHR11:7507918	SSF x Near_LoA	-8,568	-0,115	0,294
CHR11	7507957	CHR11:7507957	SSF x Near_LoA	-9,161	0,005	0,283
CHR11	7508003	CHR11:7508003	SSF x Near_LoA	-6,635	0,016	0,290
CHR11	7520041	CHR11:7520041	SSF x Near_LoA	-10,945	-0,015	0,281
CHR11	7520072	CHR11:7520072	SSF x Near_LoA	-7,391	0,114	0,283
CHR11	7520206	CHR11:7520206	SSF x Near_LoA	-7,267	-0,012	0,276
CHR11	7520207	CHR11:7520207	SSF x Near_LoA	-10,618	0,014	0,282
CHR11	7521521	CHR11:7521521	SSF x Near_LoA	-6,103	-0,112	0,280
CHR11	7521544	CHR11:7521544	SSF x Near_LoA	-7,049	-0,032	0,277
CHR11	7525801	CHR11:7525801	SSF x Near_LoA	-7,792	-0,078	0,289
CHR11	7525947	CHR11:7525947	SSF x Near_LoA	-6,326	-0,067	0,284
CHR11	7547423	CHR11:7547423	SSF x Near_LoA	-6,585	-0,094	0,288
CHR11	7547480	CHR11:7547480	SSF x Near_LoA	-8,969	0,148	0,286
CHR11	7547576	CHR11:7547576	SSF x Near_LoA	-7,336	0,108	0,299
CHR11	7551332	CHR11:7551332	SSF x Near_LoA	-8,438	-0,091	0,295
CHR11	7551431	CHR11:7551431	SSF x Near_LoA	-10,981	0,011	0,300
CHR11	7553633	CHR11:7553633	SSF x Near_LoA	-8,769	-0,080	0,281
CHR11	7553711	CHR11:7553711	SSF x Near_LoA	-7,653	-0,063	0,295
CHR11	7553719	CHR11:7553719	SSF x Near_LoA	-4,284	0,224	0,272
CHR11	7553766	CHR11:7553766	SSF x Near_LoA	-9,795	-0,073	0,290
CHR11	7553771	CHR11:7553771	SSF x Near_LoA	-10,797	-0,060	0,285
CHR11	7553796	CHR11:7553796	SSF x Near_LoA	-7,583	0,130	0,288
CHR11	7579212	CHR11:7579212	SSF x Near_LoA	-8,022	0,049	0,293
CHR11	7579475	CHR11:7579475	SSF x Near_LoA	-9,818	0,064	0,286
CHR11	7594387	CHR11:7594387	SSF x Near_LoA	-8,360	-0,113	0,274
CHR11	7594408	CHR11:7594408	SSF x Near_LoA	-8,878	0,107	0,268
CHR11	7594410	CHR11:7594410	SSF x Near_LoA	-7,730	-0,122	0,290
CHR11	7602517	CHR11:7602517	SSF x Near_LoA	-0,560	0,117	0,262
CHR11	7602544	CHR11:7602544	SSF x Near_LoA	-9,053	-0,088	0,288
CHR11	7603027	CHR11:7603027	SSF x Near_LoA	-7,821	-0,034	0,292
CHR11	7603085	CHR11:7603085	SSF x Near_LoA	-8,352	0,051	0,287
CHR11	7609492	CHR11:7609492	SSF x Near_LoA	-5,149	0,200	0,289
CHR11	7609498	CHR11:7609498	SSF x Near_LoA	-7,628	-0,055	0,278
CHR11	7609560	CHR11:7609560	SSF x Near_LoA	-9,730	-0,059	0,280
CHR11	7609563	CHR11:7609563	SSF x Near_LoA	-8,822	0,030	0,282
CHR11	7619418	CHR11:7619418	SSF x Near_LoA	-6,957	0,017	0,295
CHR11	7643959	CHR11:7643959	SSF x Near_LoA	-6,154	-0,185	0,289
CHR11	7651302	CHR11:7651302	SSF x Near_LoA	-8,508	-0,019	0,280
CHR11	7694908	CHR11:7694908	SSF x Near_LoA	-4,912	-0,164	0,293
CHR11	7716921	CHR11:7716921	SSF x Near_LoA	-5,573	0,014	0,280
CHR11	7756793	CHR11:7756793	SSF x Near_LoA	-4,245	-0,179	0,276
CHR11	779177	CHR11:779177	SSF x Near_LoA	-6,277	0,173	0,278
CHR11	779555	CHR11:779555	SSF x Near_LoA	-8,654	-0,023	0,294
CHR11	7898515	CHR11:7898515	SSF x Near_LoA	-8,202	0,036	0,299
CHR11	7904204	CHR11:7904204	SSF x Near_LoA	-7,238	0,064	0,295
CHR11	7919432	CHR11:7919432	SSF x Near_LoA	-9,800	0,019	0,283
CHR11	797185	CHR11:797185	SSF x Near_LoA	-4,311	-0,185	0,279
CHR11	797202	CHR11:797202	SSF x Near_LoA	-10,120	-0,007	0,284

CHR11	8033323	CHR11:8033323	SSF x Near_LoA	-8,960	-0,095	0,280
CHR11	8033608	CHR11:8033608	SSF x Near_LoA	-9,211	-0,123	0,278
CHR11	804253	CHR11:804253	SSF x Near_LoA	-8,029	-0,067	0,275
CHR11	804333	CHR11:804333	SSF x Near_LoA	-9,110	-0,054	0,275
CHR11	804371	CHR11:804371	SSF x Near_LoA	-7,979	0,066	0,279
CHR11	804384	CHR11:804384	SSF x Near_LoA	-6,315	0,098	0,288
CHR11	804399	CHR11:804399	SSF x Near_LoA	-8,273	0,053	0,274
CHR11	804401	CHR11:804401	SSF x Near_LoA	-9,643	0,121	0,266
CHR11	804416	CHR11:804416	SSF x Near_LoA	-9,502	-0,017	0,293
CHR11	804673	CHR11:804673	SSF x Near_LoA	-6,446	0,160	0,261
CHR11	804765	CHR11:804765	SSF x Near_LoA	-8,924	-0,094	0,283
CHR11	8061235	CHR11:8061235	SSF x Near_LoA	2,683	-0,109	0,285
CHR11	8061298	CHR11:8061298	SSF x Near_LoA	-8,344	0,034	0,274
CHR11	8061305	CHR11:8061305	SSF x Near_LoA	-10,640	0,029	0,278
CHR11	8061311	CHR11:8061311	SSF x Near_LoA	-9,133	0,036	0,283
CHR11	8061340	CHR11:8061340	SSF x Near_LoA	-8,931	0,007	0,302
CHR11	8079605	CHR11:8079605	SSF x Near_LoA	-8,396	-0,085	0,286
CHR11	8079690	CHR11:8079690	SSF x Near_LoA	-6,333	0,153	0,288
CHR11	8079835	CHR11:8079835	SSF x Near_LoA	-9,381	0,119	0,269
CHR11	8082012	CHR11:8082012	SSF x Near_LoA	-9,411	-0,003	0,292
CHR11	8082085	CHR11:8082085	SSF x Near_LoA	-6,911	0,131	0,300
CHR11	8082134	CHR11:8082134	SSF x Near_LoA	-9,552	-0,049	0,288
CHR11	8082178	CHR11:8082178	SSF x Near_LoA	-7,915	-0,044	0,285
CHR11	8094288	CHR11:8094288	SSF x Near_LoA	-7,442	0,071	0,281
CHR11	8102870	CHR11:8102870	SSF x Near_LoA	-7,181	-0,064	0,303
CHR11	8102967	CHR11:8102967	SSF x Near_LoA	-7,343	-0,095	0,279
CHR11	8103056	CHR11:8103056	SSF x Near_LoA	-10,592	-0,013	0,292
CHR11	8103057	CHR11:8103057	SSF x Near_LoA	-9,796	-0,032	0,298
CHR11	8103095	CHR11:8103095	SSF x Near_LoA	-9,774	-0,064	0,294
CHR11	8103106	CHR11:8103106	SSF x Near_LoA	-8,151	0,036	0,293
CHR11	8103191	CHR11:8103191	SSF x Near_LoA	-7,570	-0,077	0,288
CHR11	8103193	CHR11:8103193	SSF x Near_LoA	-7,394	-0,069	0,295
CHR11	8103207	CHR11:8103207	SSF x Near_LoA	-5,925	-0,093	0,302
CHR11	8109666	CHR11:8109666	SSF x Near_LoA	-7,402	-0,082	0,283
CHR11	8109722	CHR11:8109722	SSF x Near_LoA	-8,005	0,018	0,286
CHR11	8109748	CHR11:8109748	SSF x Near_LoA	-7,507	0,102	0,281
CHR11	8109768	CHR11:8109768	SSF x Near_LoA	-4,256	-0,047	0,292
CHR11	8109822	CHR11:8109822	SSF x Near_LoA	-10,681	0,042	0,275
CHR11	8109842	CHR11:8109842	SSF x Near_LoA	-9,992	0,023	0,276
CHR11	8109872	CHR11:8109872	SSF x Near_LoA	-3,671	0,094	0,292
CHR11	8109889	CHR11:8109889	SSF x Near_LoA	-8,959	0,061	0,297
CHR11	8109899	CHR11:8109899	SSF x Near_LoA	-8,126	0,195	0,274
CHR11	8109917	CHR11:8109917	SSF x Near_LoA	-10,416	0,007	0,281
CHR11	8109972	CHR11:8109972	SSF x Near_LoA	-7,891	0,002	0,290
CHR11	8110014	CHR11:8110014	SSF x Near_LoA	-8,596	-0,077	0,280
CHR11	8120145	CHR11:8120145	SSF x Near_LoA	-5,773	0,100	0,300
CHR11	8120287	CHR11:8120287	SSF x Near_LoA	-7,882	0,076	0,279
CHR11	8126724	CHR11:8126724	SSF x Near_LoA	-5,317	0,065	0,297
CHR11	8126865	CHR11:8126865	SSF x Near_LoA	-6,850	0,078	0,278
CHR11	8126936	CHR11:8126936	SSF x Near_LoA	-5,860	-0,114	0,284
CHR11	8126996	CHR11:8126996	SSF x Near_LoA	-8,298	-0,066	0,290
CHR11	8138230	CHR11:8138230	SSF x Near_LoA	-6,120	-0,139	0,285
CHR11	8138455	CHR11:8138455	SSF x Near_LoA	-9,940	0,088	0,286

CHR11	8138587	CHR11:8138587	SSF x Near_LoA	-9,022	-0,026	0,297
CHR11	8138589	CHR11:8138589	SSF x Near_LoA	-7,751	0,192	0,287
CHR11	8138591	CHR11:8138591	SSF x Near_LoA	-7,292	-0,005	0,281
CHR11	8146790	CHR11:8146790	SSF x Near_LoA	-8,702	-0,143	0,275
CHR11	8147480	CHR11:8147480	SSF x Near_LoA	-10,103	0,017	0,293
CHR11	8147490	CHR11:8147490	SSF x Near_LoA	-5,686	-0,067	0,292
CHR11	8147506	CHR11:8147506	SSF x Near_LoA	-8,850	0,022	0,281
CHR11	8147508	CHR11:8147508	SSF x Near_LoA	-9,021	-0,083	0,285
CHR11	8147629	CHR11:8147629	SSF x Near_LoA	-10,064	-0,053	0,285
CHR11	8147639	CHR11:8147639	SSF x Near_LoA	-7,788	-0,081	0,277
CHR11	8147668	CHR11:8147668	SSF x Near_LoA	-8,888	-0,020	0,288
CHR11	8147722	CHR11:8147722	SSF x Near_LoA	-8,143	0,059	0,279
CHR11	8147754	CHR11:8147754	SSF x Near_LoA	-6,320	0,024	0,284
CHR11	8147761	CHR11:8147761	SSF x Near_LoA	-8,311	-0,016	0,297
CHR11	8147777	CHR11:8147777	SSF x Near_LoA	-7,318	-0,039	0,292
CHR11	8154098	CHR11:8154098	SSF x Near_LoA	-7,717	-0,070	0,277
CHR11	8154103	CHR11:8154103	SSF x Near_LoA	-7,150	-0,074	0,283
CHR11	8154104	CHR11:8154104	SSF x Near_LoA	-7,286	-0,032	0,289
CHR11	8154156	CHR11:8154156	SSF x Near_LoA	-9,940	0,070	0,288
CHR11	8154209	CHR11:8154209	SSF x Near_LoA	-7,790	-0,056	0,299
CHR11	8154216	CHR11:8154216	SSF x Near_LoA	-10,211	0,073	0,286
CHR11	8154219	CHR11:8154219	SSF x Near_LoA	-10,004	0,078	0,281
CHR11	8154235	CHR11:8154235	SSF x Near_LoA	-8,019	-0,088	0,271
CHR11	8154320	CHR11:8154320	SSF x Near_LoA	-7,912	0,056	0,268
CHR11	8164873	CHR11:8164873	SSF x Near_LoA	-5,637	-0,034	0,287
CHR11	8164886	CHR11:8164886	SSF x Near_LoA	-6,402	-0,026	0,289
CHR11	8164914	CHR11:8164914	SSF x Near_LoA	-9,059	-0,035	0,285
CHR11	8164916	CHR11:8164916	SSF x Near_LoA	-8,929	0,071	0,282
CHR11	8164925	CHR11:8164925	SSF x Near_LoA	-9,646	0,020	0,288
CHR11	8164927	CHR11:8164927	SSF x Near_LoA	-7,903	-0,035	0,283
CHR11	8164963	CHR11:8164963	SSF x Near_LoA	-8,727	0,090	0,290
CHR11	8164989	CHR11:8164989	SSF x Near_LoA	-7,854	-0,026	0,289
CHR11	8165046	CHR11:8165046	SSF x Near_LoA	-3,873	-0,197	0,282
CHR11	8165049	CHR11:8165049	SSF x Near_LoA	-3,304	-0,196	0,268
CHR11	8165074	CHR11:8165074	SSF x Near_LoA	-9,526	-0,107	0,282
CHR11	8165078	CHR11:8165078	SSF x Near_LoA	-8,144	0,053	0,275
CHR11	8176359	CHR11:8176359	SSF x Near_LoA	-9,581	-0,078	0,279
CHR11	8188222	CHR11:8188222	SSF x Near_LoA	-7,762	-0,084	0,286
CHR11	8188289	CHR11:8188289	SSF x Near_LoA	-10,351	0,035	0,279
CHR11	8188343	CHR11:8188343	SSF x Near_LoA	-6,078	0,148	0,284
CHR11	8188470	CHR11:8188470	SSF x Near_LoA	-4,876	-0,158	0,281
CHR11	8188482	CHR11:8188482	SSF x Near_LoA	-4,432	0,172	0,274
CHR11	8191677	CHR11:8191677	SSF x Near_LoA	-6,849	0,064	0,286
CHR11	8191691	CHR11:8191691	SSF x Near_LoA	-9,316	0,056	0,285
CHR11	8194489	CHR11:8194489	SSF x Near_LoA	-8,731	0,017	0,280
CHR11	8194541	CHR11:8194541	SSF x Near_LoA	-7,048	0,022	0,286
CHR11	8194603	CHR11:8194603	SSF x Near_LoA	-7,890	0,082	0,288
CHR11	8194709	CHR11:8194709	SSF x Near_LoA	-2,955	0,171	0,272
CHR11	8194758	CHR11:8194758	SSF x Near_LoA	-8,996	0,029	0,294
CHR11	8194772	CHR11:8194772	SSF x Near_LoA	-6,172	-0,039	0,290
CHR11	8207906	CHR11:8207906	SSF x Near_LoA	-8,230	0,117	0,282
CHR11	8220073	CHR11:8220073	SSF x Near_LoA	-11,583	0,021	0,278
CHR11	8220079	CHR11:8220079	SSF x Near_LoA	-7,980	-0,129	0,271

CHR11	8220110	CHR11:8220110	SSF x Near_LoA	-5,338	0,098	0,281
CHR11	8220166	CHR11:8220166	SSF x Near_LoA	-10,378	0,036	0,279
CHR11	8230159	CHR11:8230159	SSF x Near_LoA	-7,380	-0,078	0,294
CHR11	8230182	CHR11:8230182	SSF x Near_LoA	-8,066	-0,122	0,276
CHR11	8230183	CHR11:8230183	SSF x Near_LoA	-10,450	-0,060	0,295
CHR11	8230229	CHR11:8230229	SSF x Near_LoA	-8,676	-0,009	0,283
CHR11	8230333	CHR11:8230333	SSF x Near_LoA	-7,693	-0,092	0,287
CHR11	8230525	CHR11:8230525	SSF x Near_LoA	-6,137	0,137	0,289
CHR11	823342	CHR11:823342	SSF x Near_LoA	-5,444	0,232	0,274
CHR11	823437	CHR11:823437	SSF x Near_LoA	-6,445	0,132	0,283
CHR11	8247149	CHR11:8247149	SSF x Near_LoA	-9,471	0,058	0,300
CHR11	8247164	CHR11:8247164	SSF x Near_LoA	-8,335	-0,003	0,274
CHR11	8247173	CHR11:8247173	SSF x Near_LoA	-10,333	-0,019	0,271
CHR11	8247266	CHR11:8247266	SSF x Near_LoA	-1,552	0,177	0,281
CHR11	8247298	CHR11:8247298	SSF x Near_LoA	-7,776	-0,081	0,269
CHR11	8247424	CHR11:8247424	SSF x Near_LoA	-5,230	0,157	0,278
CHR11	8247448	CHR11:8247448	SSF x Near_LoA	-9,232	0,082	0,280
CHR11	8259766	CHR11:8259766	SSF x Near_LoA	-10,209	0,058	0,282
CHR11	8259829	CHR11:8259829	SSF x Near_LoA	-6,993	0,202	0,273
CHR11	8259923	CHR11:8259923	SSF x Near_LoA	-10,413	0,016	0,290
CHR11	8265730	CHR11:8265730	SSF x Near_LoA	-5,581	-0,143	0,281
CHR11	8268119	CHR11:8268119	SSF x Near_LoA	-6,613	-0,061	0,276
CHR11	8268278	CHR11:8268278	SSF x Near_LoA	-10,478	0,022	0,290
CHR11	8268291	CHR11:8268291	SSF x Near_LoA	-9,342	0,050	0,287
CHR11	8272165	CHR11:8272165	SSF x Near_LoA	-9,468	0,099	0,277
CHR11	8272173	CHR11:8272173	SSF x Near_LoA	-6,731	0,133	0,287
CHR11	8272204	CHR11:8272204	SSF x Near_LoA	-3,524	-0,163	0,286
CHR11	8272218	CHR11:8272218	SSF x Near_LoA	-1,579	0,309	0,258
CHR11	8272228	CHR11:8272228	SSF x Near_LoA	3,006	-0,144	0,295
CHR11	8272237	CHR11:8272237	SSF x Near_LoA	-10,458	0,025	0,278
CHR11	8272292	CHR11:8272292	SSF x Near_LoA	-3,401	-0,035	0,295
CHR11	8272326	CHR11:8272326	SSF x Near_LoA	-9,237	0,019	0,279
CHR11	8272332	CHR11:8272332	SSF x Near_LoA	-10,334	-0,033	0,280
CHR11	8272480	CHR11:8272480	SSF x Near_LoA	-8,365	0,013	0,286
CHR11	8277926	CHR11:8277926	SSF x Near_LoA	-9,799	0,030	0,287
CHR11	8277996	CHR11:8277996	SSF x Near_LoA	-7,359	0,005	0,292
CHR11	8279895	CHR11:8279895	SSF x Near_LoA	-7,435	-0,061	0,294
CHR11	8279903	CHR11:8279903	SSF x Near_LoA	-7,925	0,059	0,294
CHR11	8279940	CHR11:8279940	SSF x Near_LoA	-3,694	0,089	0,271
CHR11	8281896	CHR11:8281896	SSF x Near_LoA	-10,556	-0,006	0,294
CHR11	8282061	CHR11:8282061	SSF x Near_LoA	-8,369	0,021	0,295
CHR11	8282098	CHR11:8282098	SSF x Near_LoA	-5,908	0,020	0,284
CHR11	8288213	CHR11:8288213	SSF x Near_LoA	-9,794	0,040	0,283
CHR11	8288467	CHR11:8288467	SSF x Near_LoA	-6,705	0,181	0,271
CHR11	8296329	CHR11:8296329	SSF x Near_LoA	-8,759	0,032	0,284
CHR11	8296339	CHR11:8296339	SSF x Near_LoA	-8,261	-0,085	0,276
CHR11	8296346	CHR11:8296346	SSF x Near_LoA	-9,354	0,085	0,289
CHR11	8296456	CHR11:8296456	SSF x Near_LoA	-5,775	-0,017	0,289
CHR11	8302221	CHR11:8302221	SSF x Near_LoA	-6,952	-0,003	0,297
CHR11	8302264	CHR11:8302264	SSF x Near_LoA	-5,607	-0,166	0,272
CHR11	8302477	CHR11:8302477	SSF x Near_LoA	-8,107	0,026	0,295
CHR11	831414	CHR11:831414	SSF x Near_LoA	-7,483	-0,087	0,280
CHR11	8315104	CHR11:8315104	SSF x Near_LoA	-9,629	0,080	0,293

CHR11	8315138	CHR11:8315138	SSF x Near_LoA	-7,638	-0,101	0,280
CHR11	8315302	CHR11:8315302	SSF x Near_LoA	-7,107	-0,129	0,291
CHR11	8317921	CHR11:8317921	SSF x Near_LoA	-8,284	-0,074	0,288
CHR11	8317929	CHR11:8317929	SSF x Near_LoA	-9,156	-0,072	0,296
CHR11	8320150	CHR11:8320150	SSF x Near_LoA	-11,558	0,018	0,266
CHR11	8320160	CHR11:8320160	SSF x Near_LoA	-8,416	0,010	0,287
CHR11	8320344	CHR11:8320344	SSF x Near_LoA	-1,589	0,173	0,282
CHR11	832250	CHR11:832250	SSF x Near_LoA	-8,328	0,033	0,285
CHR11	832255	CHR11:832255	SSF x Near_LoA	-8,261	-0,096	0,292
CHR11	832270	CHR11:832270	SSF x Near_LoA	-3,338	0,168	0,273
CHR11	8337484	CHR11:8337484	SSF x Near_LoA	-7,260	0,018	0,297
CHR11	8337519	CHR11:8337519	SSF x Near_LoA	-8,422	-0,037	0,294
CHR11	8337606	CHR11:8337606	SSF x Near_LoA	-8,782	-0,006	0,302
CHR11	8337754	CHR11:8337754	SSF x Near_LoA	-10,326	0,124	0,273
CHR11	8337793	CHR11:8337793	SSF x Near_LoA	-6,900	-0,043	0,293
CHR11	8337863	CHR11:8337863	SSF x Near_LoA	-9,693	-0,024	0,288
CHR11	8337897	CHR11:8337897	SSF x Near_LoA	-9,858	-0,039	0,284
CHR11	8341262	CHR11:8341262	SSF x Near_LoA	-5,528	-0,059	0,288
CHR11	8341285	CHR11:8341285	SSF x Near_LoA	-9,403	-0,046	0,294
CHR11	8341348	CHR11:8341348	SSF x Near_LoA	-7,006	0,114	0,290
CHR11	8341351	CHR11:8341351	SSF x Near_LoA	-9,343	0,000	0,296
CHR11	8341432	CHR11:8341432	SSF x Near_LoA	-6,204	0,129	0,286
CHR11	8341441	CHR11:8341441	SSF x Near_LoA	-8,455	0,058	0,289
CHR11	8346724	CHR11:8346724	SSF x Near_LoA	-7,105	0,028	0,287
CHR11	8346773	CHR11:8346773	SSF x Near_LoA	-8,933	0,074	0,294
CHR11	8347298	CHR11:8347298	SSF x Near_LoA	-8,097	0,015	0,283
CHR11	8347358	CHR11:8347358	SSF x Near_LoA	-3,800	-0,031	0,278
CHR11	8347419	CHR11:8347419	SSF x Near_LoA	-8,206	-0,032	0,290
CHR11	8349171	CHR11:8349171	SSF x Near_LoA	-7,970	-0,017	0,291
CHR11	8349244	CHR11:8349244	SSF x Near_LoA	-4,155	-0,103	0,288
CHR11	8351590	CHR11:8351590	SSF x Near_LoA	-7,589	0,086	0,290
CHR11	8357937	CHR11:8357937	SSF x Near_LoA	-7,057	0,125	0,289
CHR11	8357950	CHR11:8357950	SSF x Near_LoA	-9,304	0,094	0,277
CHR11	8358000	CHR11:8358000	SSF x Near_LoA	-8,906	0,068	0,286
CHR11	8359286	CHR11:8359286	SSF x Near_LoA	-7,702	0,049	0,282
CHR11	8364160	CHR11:8364160	SSF x Near_LoA	-9,991	-0,006	0,286
CHR11	8364320	CHR11:8364320	SSF x Near_LoA	-7,137	-0,093	0,276
CHR11	8364451	CHR11:8364451	SSF x Near_LoA	-3,437	-0,257	0,265
CHR11	8373227	CHR11:8373227	SSF x Near_LoA	-9,668	0,035	0,280
CHR11	8373241	CHR11:8373241	SSF x Near_LoA	-9,524	0,001	0,290
CHR11	8373258	CHR11:8373258	SSF x Near_LoA	-9,484	0,074	0,293
CHR11	8373301	CHR11:8373301	SSF x Near_LoA	-7,828	0,163	0,283
CHR11	8373307	CHR11:8373307	SSF x Near_LoA	-9,105	0,023	0,286
CHR11	8373445	CHR11:8373445	SSF x Near_LoA	-5,450	0,072	0,281
CHR11	8373520	CHR11:8373520	SSF x Near_LoA	-8,645	0,002	0,277
CHR11	8373706	CHR11:8373706	SSF x Near_LoA	-4,994	0,147	0,271
CHR11	837977	CHR11:837977	SSF x Near_LoA	-9,215	0,003	0,284
CHR11	838019	CHR11:838019	SSF x Near_LoA	-7,852	-0,104	0,288
CHR11	8380485	CHR11:8380485	SSF x Near_LoA	-9,952	-0,058	0,280
CHR11	8380525	CHR11:8380525	SSF x Near_LoA	-7,163	-0,042	0,285
CHR11	8380532	CHR11:8380532	SSF x Near_LoA	-6,250	0,147	0,289
CHR11	8380581	CHR11:8380581	SSF x Near_LoA	-6,037	-0,031	0,285
CHR11	8380586	CHR11:8380586	SSF x Near_LoA	-7,445	0,019	0,285

CHR11	8380590	CHR11:8380590	SSF x Near_LoA	-7,552	-0,007	0,288
CHR11	8380597	CHR11:8380597	SSF x Near_LoA	-7,921	-0,014	0,281
CHR11	8384869	CHR11:8384869	SSF x Near_LoA	-7,547	-0,082	0,279
CHR11	8384879	CHR11:8384879	SSF x Near_LoA	-6,314	-0,165	0,295
CHR11	8384899	CHR11:8384899	SSF x Near_LoA	-10,157	0,052	0,287
CHR11	8385050	CHR11:8385050	SSF x Near_LoA	-9,082	0,046	0,285
CHR11	8385164	CHR11:8385164	SSF x Near_LoA	-9,168	-0,053	0,289
CHR11	845130	CHR11:845130	SSF x Near_LoA	-8,311	0,027	0,294
CHR11	845147	CHR11:845147	SSF x Near_LoA	-10,195	-0,097	0,288
CHR11	845767	CHR11:845767	SSF x Near_LoA	-8,964	0,066	0,289
CHR11	845806	CHR11:845806	SSF x Near_LoA	-7,339	-0,030	0,294
CHR11	8496899	CHR11:8496899	SSF x Near_LoA	-8,917	0,017	0,275
CHR11	8496930	CHR11:8496930	SSF x Near_LoA	-6,687	-0,086	0,279
CHR11	8497000	CHR11:8497000	SSF x Near_LoA	-4,843	0,123	0,284
CHR11	8497043	CHR11:8497043	SSF x Near_LoA	-10,496	0,054	0,291
CHR11	8519779	CHR11:8519779	SSF x Near_LoA	-9,148	-0,072	0,275
CHR11	8519793	CHR11:8519793	SSF x Near_LoA	-8,988	-0,009	0,296
CHR11	8519900	CHR11:8519900	SSF x Near_LoA	-7,335	0,099	0,280
CHR11	8519909	CHR11:8519909	SSF x Near_LoA	-8,050	0,020	0,287
CHR11	8519970	CHR11:8519970	SSF x Near_LoA	-8,197	0,011	0,295
CHR11	8519973	CHR11:8519973	SSF x Near_LoA	-6,955	-0,129	0,277
CHR11	8522312	CHR11:8522312	SSF x Near_LoA	-5,392	0,018	0,277
CHR11	8522356	CHR11:8522356	SSF x Near_LoA	-8,047	-0,112	0,281
CHR11	8522434	CHR11:8522434	SSF x Near_LoA	-8,643	-0,045	0,287
CHR11	8526967	CHR11:8526967	SSF x Near_LoA	3,462	0,166	0,272
CHR11	8527043	CHR11:8527043	SSF x Near_LoA	-4,889	0,103	0,286
CHR11	8538919	CHR11:8538919	SSF x Near_LoA	-7,986	-0,097	0,296
CHR11	8539009	CHR11:8539009	SSF x Near_LoA	-8,056	-0,008	0,294
CHR11	8539156	CHR11:8539156	SSF x Near_LoA	-7,420	-0,142	0,296
CHR11	8553596	CHR11:8553596	SSF x Near_LoA	-6,936	0,075	0,271
CHR11	8553644	CHR11:8553644	SSF x Near_LoA	-7,378	0,079	0,282
CHR11	8553667	CHR11:8553667	SSF x Near_LoA	-9,989	0,077	0,277
CHR11	8595112	CHR11:8595112	SSF x Near_LoA	-7,787	0,092	0,303
CHR11	8595237	CHR11:8595237	SSF x Near_LoA	-4,831	0,136	0,288
CHR11	8595272	CHR11:8595272	SSF x Near_LoA	-7,356	0,057	0,288
CHR11	8595391	CHR11:8595391	SSF x Near_LoA	-6,971	0,094	0,292
CHR11	8608790	CHR11:8608790	SSF x Near_LoA	-8,658	0,074	0,288
CHR11	8612689	CHR11:8612689	SSF x Near_LoA	-7,389	-0,022	0,288
CHR11	8617368	CHR11:8617368	SSF x Near_LoA	-5,113	0,091	0,294
CHR11	8624465	CHR11:8624465	SSF x Near_LoA	-10,148	-0,084	0,286
CHR11	8624658	CHR11:8624658	SSF x Near_LoA	-7,598	0,037	0,298
CHR11	8631308	CHR11:8631308	SSF x Near_LoA	-9,874	0,104	0,297
CHR11	8631523	CHR11:8631523	SSF x Near_LoA	-5,087	-0,160	0,275
CHR11	8631524	CHR11:8631524	SSF x Near_LoA	-5,903	-0,147	0,276
CHR11	8631649	CHR11:8631649	SSF x Near_LoA	-8,672	-0,034	0,271
CHR11	8631662	CHR11:8631662	SSF x Near_LoA	-7,959	0,141	0,286
CHR11	8631677	CHR11:8631677	SSF x Near_LoA	-6,445	0,061	0,294
CHR11	8631695	CHR11:8631695	SSF x Near_LoA	-6,474	-0,053	0,296
CHR11	8652460	CHR11:8652460	SSF x Near_LoA	-10,916	0,040	0,275
CHR11	8652605	CHR11:8652605	SSF x Near_LoA	-5,712	0,080	0,288
CHR11	865300	CHR11:865300	SSF x Near_LoA	-9,688	0,100	0,285
CHR11	865459	CHR11:865459	SSF x Near_LoA	-10,851	0,012	0,282
CHR11	8660729	CHR11:8660729	SSF x Near_LoA	-10,047	0,091	0,284

CHR11	8665836	CHR11:8665836	SSF x Near_LoA	-8,687	0,059	0,307
CHR11	8705395	CHR11:8705395	SSF x Near_LoA	-7,767	-0,103	0,282
CHR11	8708649	CHR11:8708649	SSF x Near_LoA	-7,500	-0,051	0,300
CHR11	8711340	CHR11:8711340	SSF x Near_LoA	-7,610	0,004	0,291
CHR11	8711383	CHR11:8711383	SSF x Near_LoA	-9,610	0,000	0,304
CHR11	8711521	CHR11:8711521	SSF x Near_LoA	-9,123	-0,013	0,269
CHR11	8715129	CHR11:8715129	SSF x Near_LoA	-7,306	-0,057	0,292
CHR11	8715183	CHR11:8715183	SSF x Near_LoA	-9,508	-0,021	0,296
CHR11	8715261	CHR11:8715261	SSF x Near_LoA	-9,784	-0,034	0,291
CHR11	8729002	CHR11:8729002	SSF x Near_LoA	-4,765	-0,027	0,290
CHR11	874102	CHR11:874102	SSF x Near_LoA	-6,814	0,077	0,265
CHR11	874199	CHR11:874199	SSF x Near_LoA	-9,960	-0,075	0,291
CHR11	874222	CHR11:874222	SSF x Near_LoA	-7,207	0,048	0,281
CHR11	8747043	CHR11:8747043	SSF x Near_LoA	-4,796	0,087	0,284
CHR11	8747260	CHR11:8747260	SSF x Near_LoA	-3,700	-0,089	0,293
CHR11	8747304	CHR11:8747304	SSF x Near_LoA	-5,670	0,034	0,279
CHR11	8747348	CHR11:8747348	SSF x Near_LoA	-6,257	0,197	0,278
CHR11	8760773	CHR11:8760773	SSF x Near_LoA	-9,518	0,057	0,298
CHR11	8760979	CHR11:8760979	SSF x Near_LoA	-10,603	-0,058	0,289
CHR11	8761029	CHR11:8761029	SSF x Near_LoA	-10,501	-0,026	0,290
CHR11	8767761	CHR11:8767761	SSF x Near_LoA	-9,285	0,042	0,294
CHR11	8767762	CHR11:8767762	SSF x Near_LoA	-8,863	-0,081	0,282
CHR11	8767787	CHR11:8767787	SSF x Near_LoA	-7,398	0,091	0,281
CHR11	8767996	CHR11:8767996	SSF x Near_LoA	-10,044	-0,016	0,280
CHR11	8772734	CHR11:8772734	SSF x Near_LoA	-9,405	0,010	0,290
CHR11	8796155	CHR11:8796155	SSF x Near_LoA	-6,239	0,039	0,294
CHR11	8796244	CHR11:8796244	SSF x Near_LoA	-7,556	-0,161	0,270
CHR11	8796363	CHR11:8796363	SSF x Near_LoA	-9,394	-0,010	0,282
CHR11	8796399	CHR11:8796399	SSF x Near_LoA	-6,974	0,012	0,295
CHR11	8797397	CHR11:8797397	SSF x Near_LoA	-8,680	0,064	0,275
CHR11	8797448	CHR11:8797448	SSF x Near_LoA	-8,482	0,036	0,301
CHR11	8797744	CHR11:8797744	SSF x Near_LoA	-7,068	-0,092	0,275
CHR11	8797861	CHR11:8797861	SSF x Near_LoA	-9,948	-0,039	0,295
CHR11	8798963	CHR11:8798963	SSF x Near_LoA	2,653	0,075	0,288
CHR11	880014	CHR11:880014	SSF x Near_LoA	-5,974	0,097	0,285
CHR11	8807428	CHR11:8807428	SSF x Near_LoA	-7,847	0,199	0,256
CHR11	8807481	CHR11:8807481	SSF x Near_LoA	-7,373	-0,136	0,274
CHR11	8807512	CHR11:8807512	SSF x Near_LoA	-9,480	-0,128	0,279
CHR11	8807570	CHR11:8807570	SSF x Near_LoA	-7,134	-0,195	0,272
CHR11	8808586	CHR11:8808586	SSF x Near_LoA	-4,549	0,200	0,283
CHR11	8808593	CHR11:8808593	SSF x Near_LoA	-3,288	0,189	0,277
CHR11	8829716	CHR11:8829716	SSF x Near_LoA	-6,109	0,182	0,285
CHR11	8829753	CHR11:8829753	SSF x Near_LoA	-0,951	-0,184	0,278
CHR11	8829798	CHR11:8829798	SSF x Near_LoA	-9,053	-0,102	0,265
CHR11	8833330	CHR11:8833330	SSF x Near_LoA	-9,087	0,030	0,293
CHR11	8833391	CHR11:8833391	SSF x Near_LoA	-4,908	0,129	0,291
CHR11	8833488	CHR11:8833488	SSF x Near_LoA	-8,573	-0,064	0,288
CHR11	8833492	CHR11:8833492	SSF x Near_LoA	-6,218	-0,123	0,276
CHR11	8833493	CHR11:8833493	SSF x Near_LoA	-8,716	-0,055	0,293
CHR11	8833532	CHR11:8833532	SSF x Near_LoA	-8,635	0,095	0,279
CHR11	8833548	CHR11:8833548	SSF x Near_LoA	2,992	-0,136	0,294
CHR11	8833552	CHR11:8833552	SSF x Near_LoA	-7,937	0,008	0,297
CHR11	8833571	CHR11:8833571	SSF x Near_LoA	-7,793	0,067	0,299

CHR11	8841778	CHR11:8841778	SSF x Near_LoA	-9,244	0,008	0,276
CHR11	884203	CHR11:884203	SSF x Near_LoA	-8,612	-0,133	0,277
CHR11	8842061	CHR11:8842061	SSF x Near_LoA	-8,683	0,072	0,268
CHR11	8842069	CHR11:8842069	SSF x Near_LoA	-8,184	-0,004	0,302
CHR11	8842073	CHR11:8842073	SSF x Near_LoA	-7,856	0,037	0,292
CHR11	884465	CHR11:884465	SSF x Near_LoA	-7,763	0,022	0,290
CHR11	8863882	CHR11:8863882	SSF x Near_LoA	-8,205	0,008	0,295
CHR11	8863996	CHR11:8863996	SSF x Near_LoA	-1,768	-0,187	0,265
CHR11	8885103	CHR11:8885103	SSF x Near_LoA	-8,622	-0,063	0,267
CHR11	8885294	CHR11:8885294	SSF x Near_LoA	-9,904	0,047	0,287
CHR11	8885311	CHR11:8885311	SSF x Near_LoA	-9,860	-0,099	0,293
CHR11	8885339	CHR11:8885339	SSF x Near_LoA	-9,379	-0,048	0,284
CHR11	8892351	CHR11:8892351	SSF x Near_LoA	-7,110	0,148	0,284
CHR11	8900762	CHR11:8900762	SSF x Near_LoA	-8,118	0,070	0,274
CHR11	8907030	CHR11:8907030	SSF x Near_LoA	-7,094	-0,088	0,271
CHR11	8907038	CHR11:8907038	SSF x Near_LoA	-9,533	0,032	0,286
CHR11	8907156	CHR11:8907156	SSF x Near_LoA	-2,928	0,219	0,269
CHR11	8907182	CHR11:8907182	SSF x Near_LoA	-8,065	-0,150	0,277
CHR11	8907199	CHR11:8907199	SSF x Near_LoA	-8,999	-0,052	0,277
CHR11	8907212	CHR11:8907212	SSF x Near_LoA	-7,514	0,073	0,283
CHR11	8907730	CHR11:8907730	SSF x Near_LoA	-7,596	0,037	0,273
CHR11	8907734	CHR11:8907734	SSF x Near_LoA	-8,247	-0,068	0,297
CHR11	8912135	CHR11:8912135	SSF x Near_LoA	-9,892	0,012	0,296
CHR11	8912437	CHR11:8912437	SSF x Near_LoA	-8,885	-0,009	0,275
CHR11	8912447	CHR11:8912447	SSF x Near_LoA	-8,809	0,070	0,284
CHR11	8920507	CHR11:8920507	SSF x Near_LoA	-7,376	0,077	0,271
CHR11	8920588	CHR11:8920588	SSF x Near_LoA	-9,722	0,011	0,298
CHR11	8920595	CHR11:8920595	SSF x Near_LoA	-6,144	-0,129	0,283
CHR11	8920671	CHR11:8920671	SSF x Near_LoA	-9,145	-0,033	0,303
CHR11	8934866	CHR11:8934866	SSF x Near_LoA	-9,759	0,009	0,299
CHR11	8942905	CHR11:8942905	SSF x Near_LoA	-10,706	-0,071	0,280
CHR11	8942916	CHR11:8942916	SSF x Near_LoA	-5,756	-0,111	0,288
CHR11	8942946	CHR11:8942946	SSF x Near_LoA	-6,390	0,094	0,280
CHR11	8942961	CHR11:8942961	SSF x Near_LoA	-6,134	-0,094	0,294
CHR11	894464	CHR11:894464	SSF x Near_LoA	-6,621	-0,013	0,277
CHR11	8944923	CHR11:8944923	SSF x Near_LoA	-4,746	0,103	0,271
CHR11	894498	CHR11:894498	SSF x Near_LoA	-6,875	-0,059	0,288
CHR11	894499	CHR11:894499	SSF x Near_LoA	-7,490	-0,033	0,294
CHR11	894500	CHR11:894500	SSF x Near_LoA	-6,951	-0,071	0,284
CHR11	8945004	CHR11:8945004	SSF x Near_LoA	-4,952	0,187	0,277
CHR11	8945123	CHR11:8945123	SSF x Near_LoA	-7,134	-0,108	0,278
CHR11	8945216	CHR11:8945216	SSF x Near_LoA	-9,771	-0,124	0,287
CHR11	8966553	CHR11:8966553	SSF x Near_LoA	-5,954	-0,163	0,284
CHR11	8966576	CHR11:8966576	SSF x Near_LoA	-7,989	0,040	0,273
CHR11	8966596	CHR11:8966596	SSF x Near_LoA	-6,556	0,057	0,286
CHR11	8966622	CHR11:8966622	SSF x Near_LoA	-7,426	-0,006	0,303
CHR11	8975903	CHR11:8975903	SSF x Near_LoA	-10,125	0,038	0,292
CHR11	8975936	CHR11:8975936	SSF x Near_LoA	-4,285	-0,074	0,301
CHR11	8975963	CHR11:8975963	SSF x Near_LoA	-9,701	0,099	0,290
CHR11	8975979	CHR11:8975979	SSF x Near_LoA	-8,841	0,069	0,286
CHR11	8975991	CHR11:8975991	SSF x Near_LoA	-8,528	0,024	0,299
CHR11	9016861	CHR11:9016861	SSF x Near_LoA	-7,733	0,054	0,289
CHR11	9016946	CHR11:9016946	SSF x Near_LoA	-9,037	0,061	0,278

CHR11	9017761	CHR11:9017761	SSF x Near_LoA	-7,811	0,060	0,269
CHR11	9040378	CHR11:9040378	SSF x Near_LoA	-9,228	-0,057	0,278
CHR11	9040501	CHR11:9040501	SSF x Near_LoA	-7,034	0,084	0,290
CHR11	9040619	CHR11:9040619	SSF x Near_LoA	-6,542	0,051	0,291
CHR11	9040629	CHR11:9040629	SSF x Near_LoA	-6,895	0,042	0,288
CHR11	9040664	CHR11:9040664	SSF x Near_LoA	-6,309	-0,054	0,285
CHR11	9040698	CHR11:9040698	SSF x Near_LoA	-8,805	0,073	0,287
CHR11	9040744	CHR11:9040744	SSF x Near_LoA	-8,918	0,079	0,292
CHR11	9052445	CHR11:9052445	SSF x Near_LoA	-6,901	-0,061	0,290
CHR11	9063688	CHR11:9063688	SSF x Near_LoA	-4,625	-0,189	0,274
CHR11	9063772	CHR11:9063772	SSF x Near_LoA	-9,338	0,045	0,284
CHR11	9063778	CHR11:9063778	SSF x Near_LoA	-8,292	-0,141	0,290
CHR11	9063897	CHR11:9063897	SSF x Near_LoA	-9,909	0,079	0,284
CHR11	9064330	CHR11:9064330	SSF x Near_LoA	-7,944	0,073	0,290
CHR11	9064377	CHR11:9064377	SSF x Near_LoA	-7,775	-0,067	0,287
CHR11	9064385	CHR11:9064385	SSF x Near_LoA	-8,036	0,062	0,295
CHR11	910132	CHR11:910132	SSF x Near_LoA	-6,826	0,036	0,306
CHR11	910195	CHR11:910195	SSF x Near_LoA	-9,288	-0,041	0,288
CHR11	9104228	CHR11:9104228	SSF x Near_LoA	-7,811	-0,107	0,293
CHR11	9107550	CHR11:9107550	SSF x Near_LoA	-7,112	0,059	0,286
CHR11	9111905	CHR11:9111905	SSF x Near_LoA	-6,102	-0,063	0,276
CHR11	9111974	CHR11:9111974	SSF x Near_LoA	-7,714	0,005	0,288
CHR11	9111989	CHR11:9111989	SSF x Near_LoA	-8,175	-0,033	0,284
CHR11	9112030	CHR11:9112030	SSF x Near_LoA	-7,455	-0,106	0,297
CHR11	9112058	CHR11:9112058	SSF x Near_LoA	-7,649	0,021	0,289
CHR11	9112127	CHR11:9112127	SSF x Near_LoA	-6,871	-0,148	0,288
CHR11	9112168	CHR11:9112168	SSF x Near_LoA	-7,652	-0,073	0,290
CHR11	9116771	CHR11:9116771	SSF x Near_LoA	-7,639	0,057	0,282
CHR11	9116871	CHR11:9116871	SSF x Near_LoA	-7,518	0,128	0,270
CHR11	9116878	CHR11:9116878	SSF x Near_LoA	-4,918	-0,184	0,288
CHR11	9119035	CHR11:9119035	SSF x Near_LoA	-7,722	0,118	0,277
CHR11	9119163	CHR11:9119163	SSF x Near_LoA	-8,866	-0,078	0,282
CHR11	9119196	CHR11:9119196	SSF x Near_LoA	-8,046	-0,085	0,270
CHR11	9119269	CHR11:9119269	SSF x Near_LoA	-5,048	0,021	0,297
CHR11	9176801	CHR11:9176801	SSF x Near_LoA	-8,638	0,083	0,297
CHR11	9176861	CHR11:9176861	SSF x Near_LoA	-6,545	-0,184	0,269
CHR11	9184893	CHR11:9184893	SSF x Near_LoA	-8,624	-0,020	0,290
CHR11	9195714	CHR11:9195714	SSF x Near_LoA	-4,944	0,105	0,293
CHR11	9206764	CHR11:9206764	SSF x Near_LoA	-8,682	-0,111	0,290
CHR11	9206933	CHR11:9206933	SSF x Near_LoA	-5,986	0,196	0,285
CHR11	9210528	CHR11:9210528	SSF x Near_LoA	-4,926	0,229	0,267
CHR11	9237896	CHR11:9237896	SSF x Near_LoA	-10,816	-0,050	0,277
CHR11	9238196	CHR11:9238196	SSF x Near_LoA	-7,769	0,030	0,291
CHR11	9249398	CHR11:9249398	SSF x Near_LoA	-6,647	-0,164	0,274
CHR11	926664	CHR11:926664	SSF x Near_LoA	-5,866	0,099	0,281
CHR11	926694	CHR11:926694	SSF x Near_LoA	-8,976	-0,022	0,280
CHR11	9267774	CHR11:9267774	SSF x Near_LoA	-9,950	-0,080	0,292
CHR11	926797	CHR11:926797	SSF x Near_LoA	-8,786	-0,012	0,294
CHR11	926801	CHR11:926801	SSF x Near_LoA	-8,371	-0,095	0,279
CHR11	926871	CHR11:926871	SSF x Near_LoA	-7,929	0,029	0,273
CHR11	9269839	CHR11:9269839	SSF x Near_LoA	-7,753	0,002	0,292
CHR11	9295093	CHR11:9295093	SSF x Near_LoA	-8,386	0,096	0,294
CHR11	9301140	CHR11:9301140	SSF x Near_LoA	-9,027	0,000	0,292

CHR11	930386	CHR11:930386	SSF x Near_LoA	-7,974	-0,009	0,270
CHR11	930397	CHR11:930397	SSF x Near_LoA	-7,742	0,044	0,276
CHR11	930423	CHR11:930423	SSF x Near_LoA	-8,266	0,107	0,268
CHR11	930559	CHR11:930559	SSF x Near_LoA	-7,620	0,018	0,298
CHR11	935849	CHR11:935849	SSF x Near_LoA	-5,694	0,101	0,286
CHR11	935865	CHR11:935865	SSF x Near_LoA	-6,802	-0,204	0,269
CHR11	935871	CHR11:935871	SSF x Near_LoA	-6,111	-0,213	0,264
CHR11	9360137	CHR11:9360137	SSF x Near_LoA	-7,651	0,011	0,294
CHR11	9360183	CHR11:9360183	SSF x Near_LoA	-7,677	-0,033	0,291
CHR11	936019	CHR11:936019	SSF x Near_LoA	-8,242	-0,028	0,280
CHR11	9360204	CHR11:9360204	SSF x Near_LoA	-8,395	0,027	0,279
CHR11	9360221	CHR11:9360221	SSF x Near_LoA	-9,001	0,103	0,296
CHR11	9360226	CHR11:9360226	SSF x Near_LoA	-6,723	0,131	0,287
CHR11	936029	CHR11:936029	SSF x Near_LoA	-6,394	-0,115	0,278
CHR11	936038	CHR11:936038	SSF x Near_LoA	-7,657	0,037	0,278
CHR11	936046	CHR11:936046	SSF x Near_LoA	0,256	-0,274	0,265
CHR11	936117	CHR11:936117	SSF x Near_LoA	-8,557	0,100	0,281
CHR11	9361219	CHR11:9361219	SSF x Near_LoA	-7,856	-0,058	0,290
CHR11	9361238	CHR11:9361238	SSF x Near_LoA	-8,624	-0,049	0,284
CHR11	9361399	CHR11:9361399	SSF x Near_LoA	-7,301	-0,007	0,290
CHR11	9371604	CHR11:9371604	SSF x Near_LoA	-8,778	-0,212	0,262
CHR11	9371778	CHR11:9371778	SSF x Near_LoA	-9,009	0,145	0,270
CHR11	9377235	CHR11:9377235	SSF x Near_LoA	-7,596	0,104	0,284
CHR11	9380224	CHR11:9380224	SSF x Near_LoA	-9,759	0,001	0,292
CHR11	9380276	CHR11:9380276	SSF x Near_LoA	-6,486	-0,037	0,283
CHR11	9380364	CHR11:9380364	SSF x Near_LoA	-7,755	0,114	0,293
CHR11	9386401	CHR11:9386401	SSF x Near_LoA	-9,198	0,084	0,294
CHR11	9386589	CHR11:9386589	SSF x Near_LoA	-9,018	-0,045	0,274
CHR11	9386594	CHR11:9386594	SSF x Near_LoA	-7,361	-0,090	0,273
CHR11	9401611	CHR11:9401611	SSF x Near_LoA	-8,811	-0,014	0,292
CHR11	9401612	CHR11:9401612	SSF x Near_LoA	-8,909	0,071	0,294
CHR11	9401672	CHR11:9401672	SSF x Near_LoA	-10,146	0,019	0,287
CHR11	9426276	CHR11:9426276	SSF x Near_LoA	-9,495	0,136	0,304
CHR11	9426354	CHR11:9426354	SSF x Near_LoA	-8,978	0,101	0,281
CHR11	9451823	CHR11:9451823	SSF x Near_LoA	-9,059	0,087	0,279
CHR11	9456291	CHR11:9456291	SSF x Near_LoA	-9,317	0,102	0,294
CHR11	9456528	CHR11:9456528	SSF x Near_LoA	-8,695	0,142	0,280
CHR11	9456630	CHR11:9456630	SSF x Near_LoA	-5,943	0,069	0,291
CHR11	9478908	CHR11:9478908	SSF x Near_LoA	-6,985	0,102	0,283
CHR11	951177	CHR11:951177	SSF x Near_LoA	-10,974	0,020	0,284
CHR11	951672	CHR11:951672	SSF x Near_LoA	-6,588	0,167	0,270
CHR11	9531264	CHR11:9531264	SSF x Near_LoA	-7,276	0,005	0,280
CHR11	9531310	CHR11:9531310	SSF x Near_LoA	-5,364	-0,014	0,284
CHR11	9537944	CHR11:9537944	SSF x Near_LoA	-9,546	0,152	0,288
CHR11	9547243	CHR11:9547243	SSF x Near_LoA	-8,375	-0,106	0,300
CHR11	9547320	CHR11:9547320	SSF x Near_LoA	-6,499	0,019	0,300
CHR11	9547386	CHR11:9547386	SSF x Near_LoA	-9,738	-0,019	0,274
CHR11	9573090	CHR11:9573090	SSF x Near_LoA	-1,208	0,348	0,251
CHR11	9573196	CHR11:9573196	SSF x Near_LoA	-8,826	0,024	0,288
CHR11	9573220	CHR11:9573220	SSF x Near_LoA	-8,178	0,146	0,295
CHR11	9573243	CHR11:9573243	SSF x Near_LoA	-7,559	0,131	0,292
CHR11	960051	CHR11:960051	SSF x Near_LoA	-6,895	-0,129	0,262
CHR11	960233	CHR11:960233	SSF x Near_LoA	-7,995	0,044	0,288

CHR11	9617421	CHR11:9617421	SSF x Near_LoA	-6,903	-0,152	0,287
CHR11	9634367	CHR11:9634367	SSF x Near_LoA	-7,195	-0,010	0,300
CHR11	9634387	CHR11:9634387	SSF x Near_LoA	-8,721	-0,065	0,277
CHR11	9634396	CHR11:9634396	SSF x Near_LoA	-7,452	-0,090	0,298
CHR11	9640924	CHR11:9640924	SSF x Near_LoA	-9,915	-0,096	0,291
CHR11	9641077	CHR11:9641077	SSF x Near_LoA	-7,459	0,096	0,276
CHR11	9641108	CHR11:9641108	SSF x Near_LoA	-6,973	0,039	0,272
CHR11	9641185	CHR11:9641185	SSF x Near_LoA	-9,539	0,046	0,278
CHR11	964282	CHR11:964282	SSF x Near_LoA	-3,864	-0,104	0,268
CHR11	964300	CHR11:964300	SSF x Near_LoA	-6,562	-0,028	0,283
CHR11	964349	CHR11:964349	SSF x Near_LoA	-7,179	0,043	0,275
CHR11	964351	CHR11:964351	SSF x Near_LoA	-6,994	0,043	0,271
CHR11	9645891	CHR11:9645891	SSF x Near_LoA	-7,495	0,076	0,273
CHR11	9646285	CHR11:9646285	SSF x Near_LoA	-8,367	0,030	0,267
CHR11	9646305	CHR11:9646305	SSF x Near_LoA	-7,655	0,011	0,301
CHR11	9650416	CHR11:9650416	SSF x Near_LoA	-9,379	0,031	0,297
CHR11	9650461	CHR11:9650461	SSF x Near_LoA	-8,645	0,058	0,294
CHR11	9650471	CHR11:9650471	SSF x Near_LoA	-7,222	0,061	0,290
CHR11	9650475	CHR11:9650475	SSF x Near_LoA	-7,922	0,066	0,299
CHR11	9650525	CHR11:9650525	SSF x Near_LoA	-8,247	-0,013	0,281
CHR11	9650608	CHR11:9650608	SSF x Near_LoA	-4,845	-0,071	0,291
CHR11	9652067	CHR11:9652067	SSF x Near_LoA	-8,416	-0,036	0,279
CHR11	9652177	CHR11:9652177	SSF x Near_LoA	-6,483	0,080	0,275
CHR11	9656076	CHR11:9656076	SSF x Near_LoA	-8,768	-0,110	0,281
CHR11	9656130	CHR11:9656130	SSF x Near_LoA	-10,353	0,096	0,270
CHR11	9656326	CHR11:9656326	SSF x Near_LoA	-8,899	-0,039	0,293
CHR11	9661372	CHR11:9661372	SSF x Near_LoA	-10,402	-0,117	0,288
CHR11	9661427	CHR11:9661427	SSF x Near_LoA	-6,687	0,164	0,271
CHR11	9676992	CHR11:9676992	SSF x Near_LoA	-8,711	-0,032	0,286
CHR11	9677028	CHR11:9677028	SSF x Near_LoA	-8,908	-0,125	0,285
CHR11	9677048	CHR11:9677048	SSF x Near_LoA	-7,311	-0,049	0,291
CHR11	9677966	CHR11:9677966	SSF x Near_LoA	1,869	0,277	0,270
CHR11	9677993	CHR11:9677993	SSF x Near_LoA	-5,597	-0,190	0,273
CHR11	9678012	CHR11:9678012	SSF x Near_LoA	-7,026	-0,048	0,292
CHR11	9678133	CHR11:9678133	SSF x Near_LoA	-7,127	-0,084	0,289
CHR11	9679851	CHR11:9679851	SSF x Near_LoA	-7,493	0,024	0,275
CHR11	9680074	CHR11:9680074	SSF x Near_LoA	-10,028	-0,049	0,283
CHR11	9680165	CHR11:9680165	SSF x Near_LoA	-7,821	-0,020	0,295
CHR11	9680179	CHR11:9680179	SSF x Near_LoA	-8,614	-0,100	0,287
CHR11	9680193	CHR11:9680193	SSF x Near_LoA	-0,802	0,033	0,298
CHR11	9695190	CHR11:9695190	SSF x Near_LoA	-7,341	-0,192	0,275
CHR11	9695239	CHR11:9695239	SSF x Near_LoA	-8,719	0,021	0,292
CHR11	9695241	CHR11:9695241	SSF x Near_LoA	-9,912	-0,042	0,275
CHR11	9695247	CHR11:9695247	SSF x Near_LoA	-8,766	0,000	0,298
CHR11	9696954	CHR11:9696954	SSF x Near_LoA	-8,762	0,093	0,293
CHR11	9697124	CHR11:9697124	SSF x Near_LoA	-9,799	-0,018	0,292
CHR11	9699458	CHR11:9699458	SSF x Near_LoA	-6,996	-0,005	0,289
CHR11	970388	CHR11:970388	SSF x Near_LoA	-7,191	-0,127	0,294
CHR11	970416	CHR11:970416	SSF x Near_LoA	-7,351	-0,111	0,293
CHR11	970435	CHR11:970435	SSF x Near_LoA	-4,237	-0,170	0,291
CHR11	970448	CHR11:970448	SSF x Near_LoA	-8,106	0,094	0,287
CHR11	970455	CHR11:970455	SSF x Near_LoA	-9,825	-0,100	0,282
CHR11	970460	CHR11:970460	SSF x Near_LoA	-9,253	-0,114	0,292

CHR11	9707532	CHR11:9707532	SSF x Near_LoA	4,135	-0,111	0,297
CHR11	9707545	CHR11:9707545	SSF x Near_LoA	-8,046	0,008	0,304
CHR11	9707549	CHR11:9707549	SSF x Near_LoA	-9,369	-0,102	0,300
CHR11	9714437	CHR11:9714437	SSF x Near_LoA	-8,538	-0,071	0,282
CHR11	9715036	CHR11:9715036	SSF x Near_LoA	-9,155	-0,105	0,285
CHR11	9715121	CHR11:9715121	SSF x Near_LoA	-7,861	0,021	0,291
CHR11	9718807	CHR11:9718807	SSF x Near_LoA	-10,333	-0,030	0,278
CHR11	9719163	CHR11:9719163	SSF x Near_LoA	-8,859	0,056	0,285
CHR11	9719230	CHR11:9719230	SSF x Near_LoA	-8,685	0,016	0,295
CHR11	9733107	CHR11:9733107	SSF x Near_LoA	-6,946	-0,053	0,288
CHR11	9735675	CHR11:9735675	SSF x Near_LoA	-7,623	-0,093	0,277
CHR11	9735709	CHR11:9735709	SSF x Near_LoA	-8,627	0,060	0,278
CHR11	9746263	CHR11:9746263	SSF x Near_LoA	-8,092	0,065	0,289
CHR11	9749073	CHR11:9749073	SSF x Near_LoA	-10,647	-0,031	0,275
CHR11	974919	CHR11:974919	SSF x Near_LoA	-8,635	0,034	0,288
CHR11	9749207	CHR11:9749207	SSF x Near_LoA	-8,033	0,056	0,281
CHR11	9749286	CHR11:9749286	SSF x Near_LoA	-6,396	0,166	0,270
CHR11	9749418	CHR11:9749418	SSF x Near_LoA	-8,777	0,079	0,283
CHR11	974945	CHR11:974945	SSF x Near_LoA	-6,395	-0,204	0,279
CHR11	975126	CHR11:975126	SSF x Near_LoA	-8,276	-0,001	0,291
CHR11	975170	CHR11:975170	SSF x Near_LoA	-7,057	0,047	0,281
CHR11	9762499	CHR11:9762499	SSF x Near_LoA	-0,323	0,271	0,282
CHR11	9762524	CHR11:9762524	SSF x Near_LoA	-8,252	-0,093	0,284
CHR11	9765397	CHR11:9765397	SSF x Near_LoA	-8,841	0,053	0,284
CHR11	9765398	CHR11:9765398	SSF x Near_LoA	-7,073	-0,040	0,290
CHR11	9765409	CHR11:9765409	SSF x Near_LoA	-7,086	-0,014	0,296
CHR11	9765439	CHR11:9765439	SSF x Near_LoA	-5,072	0,037	0,288
CHR11	9765497	CHR11:9765497	SSF x Near_LoA	-8,606	-0,020	0,282
CHR11	9783660	CHR11:9783660	SSF x Near_LoA	-9,375	-0,008	0,288
CHR11	9783665	CHR11:9783665	SSF x Near_LoA	-7,410	0,013	0,285
CHR11	9783676	CHR11:9783676	SSF x Near_LoA	-7,972	0,004	0,291
CHR11	9783796	CHR11:9783796	SSF x Near_LoA	11,581	-0,212	0,277
CHR11	9783799	CHR11:9783799	SSF x Near_LoA	-5,521	-0,190	0,278
CHR11	9792093	CHR11:9792093	SSF x Near_LoA	-9,796	0,062	0,286
CHR11	9792203	CHR11:9792203	SSF x Near_LoA	-8,017	0,031	0,281
CHR11	9792277	CHR11:9792277	SSF x Near_LoA	-9,186	0,080	0,278
CHR11	9792298	CHR11:9792298	SSF x Near_LoA	-9,231	0,117	0,288
CHR11	9792310	CHR11:9792310	SSF x Near_LoA	-6,994	-0,072	0,288
CHR11	9792339	CHR11:9792339	SSF x Near_LoA	-9,116	-0,042	0,292
CHR11	9798270	CHR11:9798270	SSF x Near_LoA	-10,568	0,010	0,285
CHR11	9798328	CHR11:9798328	SSF x Near_LoA	-8,056	0,099	0,279
CHR11	980413	CHR11:980413	SSF x Near_LoA	-7,700	0,046	0,287
CHR11	980459	CHR11:980459	SSF x Near_LoA	-6,878	-0,108	0,277
CHR11	980471	CHR11:980471	SSF x Near_LoA	-6,584	-0,168	0,301
CHR11	980833	CHR11:980833	SSF x Near_LoA	-10,425	0,068	0,281
CHR11	980862	CHR11:980862	SSF x Near_LoA	-9,903	0,081	0,284
CHR11	980868	CHR11:980868	SSF x Near_LoA	-8,887	-0,066	0,285
CHR11	980887	CHR11:980887	SSF x Near_LoA	-8,480	0,075	0,287
CHR11	980940	CHR11:980940	SSF x Near_LoA	-7,404	0,014	0,297
CHR11	9815427	CHR11:9815427	SSF x Near_LoA	-8,602	0,014	0,282
CHR11	9815634	CHR11:9815634	SSF x Near_LoA	-8,385	-0,051	0,296
CHR11	9818580	CHR11:9818580	SSF x Near_LoA	-8,101	-0,065	0,285
CHR11	9818698	CHR11:9818698	SSF x Near_LoA	-6,066	0,052	0,284

CHR11	9839399	CHR11:9839399	SSF x Near_LoA	1,320	-0,281	0,254
CHR11	9839429	CHR11:9839429	SSF x Near_LoA	-4,222	0,189	0,275
CHR11	9843325	CHR11:9843325	SSF x Near_LoA	-2,492	-0,246	0,264
CHR11	9851836	CHR11:9851836	SSF x Near_LoA	-9,237	-0,020	0,280
CHR11	9851863	CHR11:9851863	SSF x Near_LoA	-9,916	-0,020	0,290
CHR11	9851905	CHR11:9851905	SSF x Near_LoA	-9,049	-0,047	0,279
CHR11	9851920	CHR11:9851920	SSF x Near_LoA	-7,864	-0,019	0,273
CHR11	9879950	CHR11:9879950	SSF x Near_LoA	-7,248	0,125	0,285
CHR11	988361	CHR11:988361	SSF x Near_LoA	-7,757	-0,007	0,294
CHR11	988377	CHR11:988377	SSF x Near_LoA	-7,577	0,021	0,295
CHR11	988408	CHR11:988408	SSF x Near_LoA	-4,412	-0,233	0,273
CHR11	988412	CHR11:988412	SSF x Near_LoA	-9,130	0,058	0,296
CHR11	988640	CHR11:988640	SSF x Near_LoA	-6,301	-0,161	0,285
CHR11	988644	CHR11:988644	SSF x Near_LoA	-6,026	-0,155	0,287
CHR11	988720	CHR11:988720	SSF x Near_LoA	-8,842	0,120	0,288
CHR11	9937070	CHR11:9937070	SSF x Near_LoA	-7,953	0,035	0,287
CHR11	9937095	CHR11:9937095	SSF x Near_LoA	-9,414	0,063	0,289
CHR11	9937101	CHR11:9937101	SSF x Near_LoA	-6,356	0,126	0,289
CHR11	9937104	CHR11:9937104	SSF x Near_LoA	-6,778	-0,019	0,300
CHR11	9937126	CHR11:9937126	SSF x Near_LoA	-6,404	-0,062	0,288
CHR11	9937131	CHR11:9937131	SSF x Near_LoA	-7,641	-0,009	0,293
CHR11	9937158	CHR11:9937158	SSF x Near_LoA	-6,991	-0,078	0,296
CHR11	9986289	CHR11:9986289	SSF x Near_LoA	-2,885	0,246	0,281
CHR12	1E+07	CHR12:1001414	SSF x Near_LoA	-6,252	0,055	0,285
CHR12	1E+07	CHR12:1001422	SSF x Near_LoA	-8,302	0,079	0,284
CHR12	1E+07	CHR12:1001426	SSF x Near_LoA	-7,083	0,091	0,297
CHR12	1E+07	CHR12:1001448	SSF x Near_LoA	-7,430	0,009	0,302
CHR12	1E+07	CHR12:1002151	SSF x Near_LoA	-7,645	0,112	0,295
CHR12	1E+07	CHR12:1002170	SSF x Near_LoA	-8,518	-0,176	0,277
CHR12	1E+07	CHR12:1002173	SSF x Near_LoA	-8,760	-0,034	0,286
CHR12	1E+07	CHR12:1005000	SSF x Near_LoA	-4,161	-0,257	0,282
CHR12	1E+07	CHR12:1005008	SSF x Near_LoA	-5,658	0,178	0,294
CHR12	1E+07	CHR12:1005600	SSF x Near_LoA	-6,867	-0,104	0,281
CHR12	1E+07	CHR12:1005611	SSF x Near_LoA	-9,722	0,004	0,297
CHR12	1E+07	CHR12:1005613	SSF x Near_LoA	-2,107	0,220	0,279
CHR12	1E+07	CHR12:1005616	SSF x Near_LoA	-4,291	0,161	0,290
CHR12	1E+07	CHR12:1006652	SSF x Near_LoA	-7,515	-0,039	0,288
CHR12	1E+07	CHR12:1006808	SSF x Near_LoA	-7,315	0,063	0,288
CHR12	1E+07	CHR12:1007041	SSF x Near_LoA	-7,296	-0,176	0,282
CHR12	1E+07	CHR12:1007044	SSF x Near_LoA	-7,869	0,109	0,298
CHR12	1E+07	CHR12:1007234	SSF x Near_LoA	-7,221	-0,116	0,279
CHR12	1E+07	CHR12:1008164	SSF x Near_LoA	-9,821	0,131	0,282
CHR12	1E+07	CHR12:1008825	SSF x Near_LoA	-9,450	-0,031	0,295
CHR12	1E+07	CHR12:1009310	SSF x Near_LoA	-7,596	0,093	0,279
CHR12	1E+07	CHR12:1010392	SSF x Near_LoA	-7,417	0,082	0,297
CHR12	1E+07	CHR12:1010400	SSF x Near_LoA	-7,419	-0,021	0,286
CHR12	1E+07	CHR12:1010406	SSF x Near_LoA	-8,620	-0,038	0,291
CHR12	1E+07	CHR12:1014678	SSF x Near_LoA	-7,888	-0,082	0,279
CHR12	1018381	CHR12:1018381	SSF x Near_LoA	-10,314	0,107	0,272
CHR12	1E+07	CHR12:1018502	SSF x Near_LoA	-8,658	0,085	0,282
CHR12	1E+07	CHR12:1018518	SSF x Near_LoA	-7,135	0,086	0,270
CHR12	1E+07	CHR12:1018520	SSF x Near_LoA	-8,224	0,006	0,281
CHR12	1E+07	CHR12:1018522	SSF x Near_LoA	-9,597	0,036	0,280

CHR12	1E+07	CHR12:10185297	SSF x Near_LoA	-8,222	0,081	0,279
CHR12	1E+07	CHR12:10186265	SSF x Near_LoA	-7,871	0,052	0,283
CHR12	1E+07	CHR12:10186287	SSF x Near_LoA	-9,640	-0,031	0,281
CHR12	1E+07	CHR12:10186387	SSF x Near_LoA	-3,824	0,064	0,286
CHR12	1E+07	CHR12:10186442	SSF x Near_LoA	-10,985	0,033	0,277
CHR12	1E+07	CHR12:10207291	SSF x Near_LoA	-3,956	-0,189	0,293
CHR12	1E+07	CHR12:10207301	SSF x Near_LoA	-3,689	-0,180	0,287
CHR12	1E+07	CHR12:10207343	SSF x Near_LoA	-6,400	-0,011	0,294
CHR12	1E+07	CHR12:10207395	SSF x Near_LoA	-7,709	0,053	0,291
CHR12	1E+07	CHR12:10207465	SSF x Near_LoA	-8,974	-0,065	0,298
CHR12	1E+07	CHR12:10228149	SSF x Near_LoA	-9,383	-0,067	0,271
CHR12	1E+07	CHR12:10233298	SSF x Near_LoA	-8,312	0,031	0,284
CHR12	1E+07	CHR12:10233431	SSF x Near_LoA	-10,352	-0,007	0,291
CHR12	1E+07	CHR12:10233589	SSF x Near_LoA	-6,642	-0,121	0,289
CHR12	1E+07	CHR12:10245291	SSF x Near_LoA	-5,735	-0,187	0,278
CHR12	1E+07	CHR12:10245389	SSF x Near_LoA	-11,124	0,008	0,270
CHR12	1E+07	CHR12:10245413	SSF x Near_LoA	-9,041	0,024	0,292
CHR12	1E+07	CHR12:10245471	SSF x Near_LoA	-3,303	0,225	0,256
CHR12	1E+07	CHR12:10245473	SSF x Near_LoA	-10,051	-0,041	0,276
CHR12	1E+07	CHR12:10245479	SSF x Near_LoA	-10,407	-0,006	0,278
CHR12	1E+07	CHR12:10245545	SSF x Near_LoA	-10,173	-0,021	0,293
CHR12	1E+07	CHR12:10245572	SSF x Near_LoA	-10,542	0,023	0,280
CHR12	1E+07	CHR12:10245598	SSF x Near_LoA	-10,112	0,028	0,285
CHR12	1E+07	CHR12:10245621	SSF x Near_LoA	-9,815	0,005	0,291
CHR12	1E+07	CHR12:10276557	SSF x Near_LoA	-10,761	0,042	0,289
CHR12	1E+07	CHR12:10289025	SSF x Near_LoA	-6,271	-0,085	0,286
CHR12	1E+07	CHR12:10289070	SSF x Near_LoA	-8,372	0,043	0,280
CHR12	1E+07	CHR12:10289073	SSF x Near_LoA	-7,628	0,015	0,299
CHR12	1E+07	CHR12:10289082	SSF x Near_LoA	-9,091	-0,069	0,270
CHR12	1E+07	CHR12:10289226	SSF x Near_LoA	-8,074	0,097	0,280
CHR12	1E+07	CHR12:10293782	SSF x Near_LoA	-8,015	0,046	0,290
CHR12	1E+07	CHR12:10297307	SSF x Near_LoA	-9,762	0,065	0,281
CHR12	1E+07	CHR12:10297398	SSF x Near_LoA	-8,326	-0,068	0,275
CHR12	1E+07	CHR12:10336070	SSF x Near_LoA	-7,387	0,088	0,296
CHR12	1E+07	CHR12:10336122	SSF x Near_LoA	-6,981	-0,175	0,278
CHR12	1E+07	CHR12:10336125	SSF x Near_LoA	-6,613	-0,209	0,275
CHR12	1E+07	CHR12:10337683	SSF x Near_LoA	-6,792	-0,045	0,305
CHR12	1E+07	CHR12:10337709	SSF x Near_LoA	-4,357	-0,140	0,290
CHR12	1E+07	CHR12:10337902	SSF x Near_LoA	-10,024	-0,044	0,290
CHR12	1E+07	CHR12:10337909	SSF x Near_LoA	-9,101	0,039	0,289
CHR12	1E+07	CHR12:10337981	SSF x Near_LoA	-10,304	-0,069	0,280
CHR12	1E+07	CHR12:10337985	SSF x Near_LoA	-6,902	-0,097	0,292
CHR12	1E+07	CHR12:10345538	SSF x Near_LoA	-8,355	0,066	0,298
CHR12	1E+07	CHR12:10345590	SSF x Near_LoA	-10,453	0,004	0,295
CHR12	1E+07	CHR12:10354221	SSF x Near_LoA	-4,941	0,132	0,282
CHR12	1E+07	CHR12:10354323	SSF x Near_LoA	-6,257	-0,147	0,276
CHR12	1E+07	CHR12:10354375	SSF x Near_LoA	-3,286	-0,212	0,264
CHR12	1E+07	CHR12:10354386	SSF x Near_LoA	-4,067	-0,206	0,267
CHR12	1E+07	CHR12:10362960	SSF x Near_LoA	-8,878	0,043	0,290
CHR12	1E+07	CHR12:10363030	SSF x Near_LoA	-11,388	-0,013	0,267
CHR12	1E+07	CHR12:10363073	SSF x Near_LoA	-9,272	-0,109	0,286
CHR12	1E+07	CHR12:10363110	SSF x Near_LoA	0,735	0,008	0,314
CHR12	1E+07	CHR12:10377928	SSF x Near_LoA	-7,993	0,064	0,279

CHR12	1E+07	CHR12:10382395	SSF x Near_LoA	-5,356	-0,059	0,287
CHR12	1E+07	CHR12:10382562	SSF x Near_LoA	-9,082	-0,041	0,300
CHR12	1E+07	CHR12:10382571	SSF x Near_LoA	-11,227	0,023	0,281
CHR12	1E+07	CHR12:10382574	SSF x Near_LoA	-8,149	-0,023	0,290
CHR12	1E+07	CHR12:10407598	SSF x Near_LoA	-8,150	0,095	0,285
CHR12	1E+07	CHR12:10407731	SSF x Near_LoA	-9,775	-0,106	0,294
CHR12	1E+07	CHR12:10407796	SSF x Near_LoA	-9,702	-0,032	0,284
CHR12	1E+07	CHR12:10410897	SSF x Near_LoA	-8,347	-0,020	0,281
CHR12	1E+07	CHR12:10410955	SSF x Near_LoA	-8,451	0,002	0,286
CHR12	1E+07	CHR12:10410978	SSF x Near_LoA	-8,408	0,070	0,290
CHR12	1E+07	CHR12:10432507	SSF x Near_LoA	-7,169	-0,185	0,270
CHR12	1E+07	CHR12:10438264	SSF x Near_LoA	-8,001	-0,058	0,290
CHR12	1E+07	CHR12:10465107	SSF x Near_LoA	-7,245	0,113	0,287
CHR12	1E+07	CHR12:10465114	SSF x Near_LoA	-5,339	0,160	0,285
CHR12	1E+07	CHR12:10485217	SSF x Near_LoA	-7,662	-0,158	0,283
CHR12	1048929	CHR12:1048929	SSF x Near_LoA	-9,910	0,060	0,286
CHR12	1048936	CHR12:1048936	SSF x Near_LoA	-9,287	0,059	0,285
CHR12	1048982	CHR12:1048982	SSF x Near_LoA	-7,821	0,080	0,293
CHR12	1049054	CHR12:1049054	SSF x Near_LoA	-7,396	-0,027	0,293
CHR12	1E+07	CHR12:10491613	SSF x Near_LoA	-7,739	-0,111	0,284
CHR12	1E+07	CHR12:10491704	SSF x Near_LoA	-8,312	-0,107	0,290
CHR12	1E+07	CHR12:10491719	SSF x Near_LoA	-8,976	-0,130	0,278
CHR12	1E+07	CHR12:10491847	SSF x Near_LoA	-9,738	0,034	0,293
CHR12	10521660	CHR12:1052166(	SSF x Near_LoA	-7,761	-0,149	0,285
CHR12	10521702	CHR12:10521702	SSF x Near_LoA	-9,104	-0,080	0,288
CHR12	10521708	CHR12:10521708	SSF x Near_LoA	-5,979	0,104	0,281
CHR12	10521715	CHR12:10521715	SSF x Near_LoA	-7,504	-0,029	0,296
CHR12	10521718	CHR12:10521718	SSF x Near_LoA	-7,726	-0,008	0,302
CHR12	10521757	CHR12:10521757	SSF x Near_LoA	-9,641	0,082	0,293
CHR12	10521845	CHR12:10521845	SSF x Near_LoA	-9,730	0,028	0,279
CHR12	10524804	CHR12:10524804	SSF x Near_LoA	-7,108	0,079	0,286
CHR12	10524865	CHR12:10524865	SSF x Near_LoA	-8,988	-0,010	0,281
CHR12	10524876	CHR12:10524876	SSF x Near_LoA	-7,311	0,066	0,273
CHR12	10524882	CHR12:10524882	SSF x Near_LoA	-8,361	0,047	0,287
CHR12	10524889	CHR12:10524889	SSF x Near_LoA	-10,619	-0,014	0,286
CHR12	10524984	CHR12:10524984	SSF x Near_LoA	-7,532	-0,058	0,300
CHR12	10542520	CHR12:1054252(	SSF x Near_LoA	-8,582	0,023	0,291
CHR12	10565075	CHR12:10565075	SSF x Near_LoA	-8,446	-0,051	0,288
CHR12	10565103	CHR12:10565103	SSF x Near_LoA	-7,404	0,178	0,280
CHR12	10565142	CHR12:10565142	SSF x Near_LoA	-8,524	0,032	0,279
CHR12	10567691	CHR12:10567691	SSF x Near_LoA	-8,921	-0,135	0,283
CHR12	10567701	CHR12:10567701	SSF x Near_LoA	-8,084	-0,165	0,278
CHR12	10567879	CHR12:10567879	SSF x Near_LoA	-9,747	0,045	0,277
CHR12	10567985	CHR12:10567985	SSF x Near_LoA	-7,747	-0,086	0,287
CHR12	1058654	CHR12:1058654	SSF x Near_LoA	-9,226	0,112	0,282
CHR12	1058868	CHR12:1058868	SSF x Near_LoA	-7,782	0,002	0,270
CHR12	1058931	CHR12:1058931	SSF x Near_LoA	-9,433	-0,056	0,291
CHR12	1060827	CHR12:1060827	SSF x Near_LoA	-9,922	0,032	0,287
CHR12	10609749	CHR12:10609749	SSF x Near_LoA	-10,251	-0,020	0,284
CHR12	10609893	CHR12:10609893	SSF x Near_LoA	-5,485	-0,178	0,287
CHR12	10614506	CHR12:10614506	SSF x Near_LoA	-9,494	-0,003	0,282
CHR12	10614523	CHR12:10614523	SSF x Near_LoA	-11,409	0,007	0,270
CHR12	10617918	CHR12:10617918	SSF x Near_LoA	-8,458	0,014	0,283

CHR12	10617919	CHR12:10617919	SSF x Near_LoA	-2,832	-0,176	0,282
CHR12	10622356	CHR12:10622356	SSF x Near_LoA	-9,228	0,073	0,293
CHR12	10622454	CHR12:10622454	SSF x Near_LoA	-7,892	-0,024	0,289
CHR12	10622479	CHR12:10622479	SSF x Near_LoA	-9,000	0,047	0,290
CHR12	10622536	CHR12:10622536	SSF x Near_LoA	-10,864	0,010	0,276
CHR12	10633598	CHR12:10633598	SSF x Near_LoA	-7,730	-0,002	0,280
CHR12	10633618	CHR12:10633618	SSF x Near_LoA	-7,340	0,032	0,279
CHR12	10633703	CHR12:10633703	SSF x Near_LoA	-8,519	-0,008	0,285
CHR12	10633862	CHR12:10633862	SSF x Near_LoA	-9,008	-0,047	0,281
CHR12	10633890	CHR12:10633890	SSF x Near_LoA	-6,123	-0,108	0,296
CHR12	10633915	CHR12:10633915	SSF x Near_LoA	-7,171	0,153	0,278
CHR12	10636926	CHR12:10636926	SSF x Near_LoA	-10,542	-0,050	0,294
CHR12	10640153	CHR12:10640153	SSF x Near_LoA	-9,882	0,006	0,293
CHR12	10640567	CHR12:10640567	SSF x Near_LoA	-7,143	-0,094	0,290
CHR12	10643135	CHR12:10643135	SSF x Near_LoA	-8,941	0,037	0,289
CHR12	10654955	CHR12:10654955	SSF x Near_LoA	-4,072	-0,242	0,258
CHR12	1066560	CHR12:1066560	SSF x Near_LoA	-9,315	0,006	0,273
CHR12	1066806	CHR12:1066806	SSF x Near_LoA	-8,301	0,128	0,271
CHR12	1066847	CHR12:1066847	SSF x Near_LoA	-6,958	-0,119	0,279
CHR12	10675123	CHR12:10675123	SSF x Near_LoA	-8,385	0,084	0,281
CHR12	10675183	CHR12:10675183	SSF x Near_LoA	-9,019	0,143	0,273
CHR12	10675228	CHR12:10675228	SSF x Near_LoA	-9,811	-0,037	0,281
CHR12	10675282	CHR12:10675282	SSF x Near_LoA	-9,979	-0,010	0,286
CHR12	10675333	CHR12:10675333	SSF x Near_LoA	-9,012	0,023	0,284
CHR12	10687881	CHR12:10687881	SSF x Near_LoA	-6,812	0,041	0,299
CHR12	10687909	CHR12:10687909	SSF x Near_LoA	-6,719	0,028	0,289
CHR12	10706662	CHR12:10706662	SSF x Near_LoA	-8,100	-0,068	0,286
CHR12	10706663	CHR12:10706663	SSF x Near_LoA	-8,480	-0,056	0,287
CHR12	10706667	CHR12:10706667	SSF x Near_LoA	-9,639	-0,018	0,268
CHR12	10706691	CHR12:10706691	SSF x Near_LoA	-7,610	-0,033	0,288
CHR12	10706708	CHR12:10706708	SSF x Near_LoA	-8,062	0,058	0,295
CHR12	10706739	CHR12:10706739	SSF x Near_LoA	-7,874	0,007	0,292
CHR12	10717550	CHR12:10717550	SSF x Near_LoA	-8,691	0,056	0,299
CHR12	1071990	CHR12:1071990	SSF x Near_LoA	-8,923	0,129	0,264
CHR12	10737530	CHR12:10737530	SSF x Near_LoA	-7,657	0,089	0,284
CHR12	10737539	CHR12:10737539	SSF x Near_LoA	-7,730	-0,076	0,284
CHR12	10768632	CHR12:10768632	SSF x Near_LoA	-6,665	-0,093	0,284
CHR12	10768815	CHR12:10768815	SSF x Near_LoA	-7,225	-0,065	0,289
CHR12	10778707	CHR12:10778707	SSF x Near_LoA	-4,972	0,072	0,293
CHR12	10778796	CHR12:10778796	SSF x Near_LoA	-6,780	0,128	0,288
CHR12	10778824	CHR12:10778824	SSF x Near_LoA	-9,162	0,024	0,297
CHR12	10778893	CHR12:10778893	SSF x Near_LoA	-7,062	-0,095	0,275
CHR12	10816215	CHR12:10816215	SSF x Near_LoA	-7,940	0,124	0,303
CHR12	108418	CHR12:108418	SSF x Near_LoA	-4,995	0,071	0,275
CHR12	10869474	CHR12:10869474	SSF x Near_LoA	-7,700	0,030	0,291
CHR12	10877249	CHR12:10877249	SSF x Near_LoA	-8,696	0,028	0,287
CHR12	10877341	CHR12:10877341	SSF x Near_LoA	-8,700	-0,065	0,289
CHR12	10878753	CHR12:10878753	SSF x Near_LoA	-1,261	-0,033	0,296
CHR12	10894619	CHR12:10894619	SSF x Near_LoA	-9,872	0,004	0,288
CHR12	10931175	CHR12:10931175	SSF x Near_LoA	-4,658	0,077	0,303
CHR12	10931196	CHR12:10931196	SSF x Near_LoA	-5,576	-0,080	0,289
CHR12	10931235	CHR12:10931235	SSF x Near_LoA	-9,237	-0,032	0,289
CHR12	10931308	CHR12:10931308	SSF x Near_LoA	-8,199	-0,031	0,275

CHR12	10931425	CHR12:10931425	SSF x Near_LoA	-6,671	0,063	0,286
CHR12	10931458	CHR12:10931458	SSF x Near_LoA	-9,336	-0,027	0,289
CHR12	10934508	CHR12:10934508	SSF x Near_LoA	-7,417	-0,055	0,280
CHR12	10934693	CHR12:10934693	SSF x Near_LoA	-5,671	-0,135	0,281
CHR12	10934806	CHR12:10934806	SSF x Near_LoA	-8,902	0,027	0,287
CHR12	10934811	CHR12:10934811	SSF x Near_LoA	-10,381	0,057	0,289
CHR12	10947448	CHR12:10947448	SSF x Near_LoA	-9,738	0,019	0,275
CHR12	1095580	CHR12:1095580	SSF x Near_LoA	-10,336	-0,017	0,286
CHR12	10955900	CHR12:10955900	SSF x Near_LoA	-9,850	0,015	0,287
CHR12	10956149	CHR12:10956149	SSF x Near_LoA	-8,159	-0,076	0,272
CHR12	1097996	CHR12:1097996	SSF x Near_LoA	-9,959	0,061	0,288
CHR12	10987815	CHR12:10987815	SSF x Near_LoA	-10,567	0,027	0,295
CHR12	10991628	CHR12:10991628	SSF x Near_LoA	-7,565	-0,160	0,275
CHR12	10991706	CHR12:10991706	SSF x Near_LoA	-10,390	-0,036	0,289
CHR12	11008847	CHR12:11008847	SSF x Near_LoA	-7,511	0,144	0,268
CHR12	11009270	CHR12:11009270	SSF x Near_LoA	-11,275	0,046	0,282
CHR12	11009298	CHR12:11009298	SSF x Near_LoA	-9,774	-0,023	0,292
CHR12	11012753	CHR12:11012753	SSF x Near_LoA	-8,679	-0,021	0,298
CHR12	11012762	CHR12:11012762	SSF x Near_LoA	-5,647	-0,135	0,293
CHR12	11012771	CHR12:11012771	SSF x Near_LoA	-7,974	0,010	0,282
CHR12	11012829	CHR12:11012829	SSF x Near_LoA	-6,113	-0,055	0,296
CHR12	11012932	CHR12:11012932	SSF x Near_LoA	-7,443	0,183	0,278
CHR12	11027417	CHR12:11027417	SSF x Near_LoA	-8,902	0,063	0,290
CHR12	11027595	CHR12:11027595	SSF x Near_LoA	-3,686	0,158	0,290
CHR12	11027622	CHR12:11027622	SSF x Near_LoA	-6,883	0,118	0,291
CHR12	11027633	CHR12:11027633	SSF x Near_LoA	-7,429	-0,075	0,282
CHR12	11028479	CHR12:11028479	SSF x Near_LoA	-8,861	-0,067	0,292
CHR12	11028482	CHR12:11028482	SSF x Near_LoA	-8,921	0,119	0,270
CHR12	11032191	CHR12:11032191	SSF x Near_LoA	-9,778	0,045	0,274
CHR12	11032289	CHR12:11032289	SSF x Near_LoA	-8,193	0,087	0,272
CHR12	11032305	CHR12:11032305	SSF x Near_LoA	0,119	-0,191	0,279
CHR12	11032312	CHR12:11032312	SSF x Near_LoA	-6,945	0,142	0,269
CHR12	11036129	CHR12:11036129	SSF x Near_LoA	-7,701	-0,072	0,281
CHR12	11036220	CHR12:11036220	SSF x Near_LoA	-7,815	-0,084	0,291
CHR12	11036290	CHR12:11036290	SSF x Near_LoA	-9,041	0,081	0,280
CHR12	11036304	CHR12:11036304	SSF x Near_LoA	-5,351	0,043	0,305
CHR12	11036323	CHR12:11036323	SSF x Near_LoA	-7,601	0,064	0,291
CHR12	11037444	CHR12:11037444	SSF x Near_LoA	-7,284	-0,172	0,258
CHR12	11037455	CHR12:11037455	SSF x Near_LoA	-4,042	-0,178	0,276
CHR12	11037552	CHR12:11037552	SSF x Near_LoA	-8,917	0,003	0,263
CHR12	11037639	CHR12:11037639	SSF x Near_LoA	-9,796	-0,084	0,283
CHR12	11047262	CHR12:11047262	SSF x Near_LoA	-9,308	0,056	0,290
CHR12	11047266	CHR12:11047266	SSF x Near_LoA	-1,626	-0,104	0,290
CHR12	11047275	CHR12:11047275	SSF x Near_LoA	-5,579	0,091	0,278
CHR12	11052137	CHR12:11052137	SSF x Near_LoA	-9,393	-0,026	0,291
CHR12	11052179	CHR12:11052179	SSF x Near_LoA	-7,817	-0,039	0,285
CHR12	11052312	CHR12:11052312	SSF x Near_LoA	-0,185	-0,059	0,296
CHR12	11061815	CHR12:11061815	SSF x Near_LoA	-1,490	-0,172	0,287
CHR12	11061894	CHR12:11061894	SSF x Near_LoA	-7,728	0,024	0,293
CHR12	1107070	CHR12:1107070	SSF x Near_LoA	-10,100	0,018	0,288
CHR12	1107110	CHR12:1107110	SSF x Near_LoA	-9,834	0,044	0,285
CHR12	1107186	CHR12:1107186	SSF x Near_LoA	-9,408	-0,059	0,293
CHR12	11073039	CHR12:11073039	SSF x Near_LoA	-2,534	-0,125	0,292

CHR12	11073048	CHR12:11073048	SSF x Near_LoA	-7,683	-0,027	0,272
CHR12	11073112	CHR12:11073112	SSF x Near_LoA	-10,185	0,031	0,295
CHR12	11073665	CHR12:11073665	SSF x Near_LoA	-7,588	0,054	0,294
CHR12	11073691	CHR12:11073691	SSF x Near_LoA	-7,076	0,049	0,284
CHR12	11073702	CHR12:11073702	SSF x Near_LoA	-6,230	0,058	0,293
CHR12	11093397	CHR12:11093397	SSF x Near_LoA	-4,984	0,202	0,288
CHR12	11095004	CHR12:11095004	SSF x Near_LoA	-9,640	0,015	0,272
CHR12	11095007	CHR12:11095007	SSF x Near_LoA	-7,159	-0,096	0,288
CHR12	11095015	CHR12:11095015	SSF x Near_LoA	-9,192	0,010	0,280
CHR12	11095100	CHR12:11095100	SSF x Near_LoA	-7,854	0,044	0,281
CHR12	11099144	CHR12:11099144	SSF x Near_LoA	-8,184	-0,068	0,287
CHR12	11099163	CHR12:11099163	SSF x Near_LoA	-8,628	-0,012	0,273
CHR12	11099208	CHR12:11099208	SSF x Near_LoA	-9,532	-0,011	0,293
CHR12	11099235	CHR12:11099235	SSF x Near_LoA	-7,725	0,120	0,279
CHR12	11099282	CHR12:11099282	SSF x Near_LoA	-8,478	0,016	0,276
CHR12	11099292	CHR12:11099292	SSF x Near_LoA	-4,915	-0,056	0,303
CHR12	11142094	CHR12:11142094	SSF x Near_LoA	-9,422	0,049	0,285
CHR12	11142146	CHR12:11142146	SSF x Near_LoA	-9,173	0,082	0,288
CHR12	1117318	CHR12:1117318	SSF x Near_LoA	-3,476	-0,138	0,294
CHR12	1117360	CHR12:1117360	SSF x Near_LoA	-8,941	0,031	0,298
CHR12	1117366	CHR12:1117366	SSF x Near_LoA	-10,010	-0,007	0,295
CHR12	11185185	CHR12:11185185	SSF x Near_LoA	-8,099	0,091	0,288
CHR12	11185231	CHR12:11185231	SSF x Near_LoA	-8,107	-0,026	0,297
CHR12	11185242	CHR12:11185242	SSF x Near_LoA	-7,911	-0,126	0,274
CHR12	1119188	CHR12:1119188	SSF x Near_LoA	-9,558	-0,036	0,290
CHR12	11215064	CHR12:11215064	SSF x Near_LoA	-7,099	0,004	0,295
CHR12	11215098	CHR12:11215098	SSF x Near_LoA	-7,446	0,117	0,278
CHR12	11272818	CHR12:11272818	SSF x Near_LoA	-3,971	0,228	0,262
CHR12	11272870	CHR12:11272870	SSF x Near_LoA	-5,485	-0,031	0,294
CHR12	11272917	CHR12:11272917	SSF x Near_LoA	-2,821	0,128	0,273
CHR12	11272926	CHR12:11272926	SSF x Near_LoA	-6,889	0,213	0,273
CHR12	11272931	CHR12:11272931	SSF x Near_LoA	-9,224	0,128	0,286
CHR12	11272964	CHR12:11272964	SSF x Near_LoA	-5,608	-0,115	0,267
CHR12	11276549	CHR12:11276549	SSF x Near_LoA	-7,721	0,158	0,268
CHR12	11276634	CHR12:11276634	SSF x Near_LoA	-6,412	0,169	0,269
CHR12	11276650	CHR12:11276650	SSF x Near_LoA	-7,975	-0,030	0,292
CHR12	11276662	CHR12:11276662	SSF x Near_LoA	-10,508	-0,047	0,280
CHR12	11282783	CHR12:11282783	SSF x Near_LoA	-9,256	-0,011	0,275
CHR12	11282804	CHR12:11282804	SSF x Near_LoA	-9,443	-0,126	0,274
CHR12	11295702	CHR12:11295702	SSF x Near_LoA	-8,626	0,015	0,278
CHR12	11295917	CHR12:11295917	SSF x Near_LoA	-6,503	0,071	0,292
CHR12	11299377	CHR12:11299377	SSF x Near_LoA	-10,199	-0,030	0,284
CHR12	11299492	CHR12:11299492	SSF x Near_LoA	-4,093	-0,064	0,280
CHR12	11299502	CHR12:11299502	SSF x Near_LoA	-7,762	0,094	0,286
CHR12	11299523	CHR12:11299523	SSF x Near_LoA	-7,169	0,087	0,280
CHR12	11304609	CHR12:11304609	SSF x Near_LoA	-10,715	0,034	0,272
CHR12	11304651	CHR12:11304651	SSF x Near_LoA	-9,296	-0,020	0,300
CHR12	11304727	CHR12:11304727	SSF x Near_LoA	-7,083	0,064	0,310
CHR12	11304786	CHR12:11304786	SSF x Near_LoA	-5,879	-0,147	0,296
CHR12	11304815	CHR12:11304815	SSF x Near_LoA	-9,111	0,104	0,284
CHR12	1130744	CHR12:1130744	SSF x Near_LoA	-7,729	0,000	0,302
CHR12	1130953	CHR12:1130953	SSF x Near_LoA	-7,580	-0,036	0,292
CHR12	11321630	CHR12:11321630	SSF x Near_LoA	-8,442	0,025	0,275

CHR12	11321652	CHR12:11321652	SSF x Near_LoA	-7,166	-0,044	0,290
CHR12	11322805	CHR12:11322805	SSF x Near_LoA	-8,784	0,042	0,298
CHR12	11322897	CHR12:11322897	SSF x Near_LoA	-9,217	0,122	0,284
CHR12	11333149	CHR12:11333149	SSF x Near_LoA	-9,060	-0,009	0,288
CHR12	11333165	CHR12:11333165	SSF x Near_LoA	-7,912	0,027	0,273
CHR12	11333225	CHR12:11333225	SSF x Near_LoA	-8,206	0,000	0,286
CHR12	11333310	CHR12:11333310	SSF x Near_LoA	-11,263	0,006	0,283
CHR12	1134865	CHR12:1134865	SSF x Near_LoA	-6,566	-0,003	0,265
CHR12	1134878	CHR12:1134878	SSF x Near_LoA	-10,920	-0,001	0,276
CHR12	1134917	CHR12:1134917	SSF x Near_LoA	-7,795	0,013	0,265
CHR12	1134922	CHR12:1134922	SSF x Near_LoA	-7,143	0,000	0,275
CHR12	1134941	CHR12:1134941	SSF x Near_LoA	-10,472	0,048	0,286
CHR12	1134974	CHR12:1134974	SSF x Near_LoA	-11,218	-0,017	0,270
CHR12	1134989	CHR12:1134989	SSF x Near_LoA	-7,080	0,020	0,272
CHR12	11374796	CHR12:11374796	SSF x Near_LoA	-6,268	-0,152	0,277
CHR12	11374937	CHR12:11374937	SSF x Near_LoA	-8,522	-0,089	0,285
CHR12	11386256	CHR12:11386256	SSF x Near_LoA	-6,710	0,024	0,283
CHR12	11398321	CHR12:11398321	SSF x Near_LoA	-5,203	0,115	0,282
CHR12	11405463	CHR12:11405463	SSF x Near_LoA	-7,915	0,014	0,294
CHR12	11410024	CHR12:11410024	SSF x Near_LoA	-0,468	-0,179	0,263
CHR12	11410208	CHR12:11410208	SSF x Near_LoA	-10,097	-0,020	0,276
CHR12	11410223	CHR12:11410223	SSF x Near_LoA	-2,965	0,230	0,267
CHR12	11410232	CHR12:11410232	SSF x Near_LoA	-7,660	-0,053	0,288
CHR12	11417663	CHR12:11417663	SSF x Near_LoA	-7,247	0,048	0,296
CHR12	11417782	CHR12:11417782	SSF x Near_LoA	-10,243	0,027	0,295
CHR12	11423492	CHR12:11423492	SSF x Near_LoA	-7,655	0,012	0,275
CHR12	11423507	CHR12:11423507	SSF x Near_LoA	-9,340	-0,032	0,278
CHR12	11423595	CHR12:11423595	SSF x Near_LoA	-8,603	-0,031	0,281
CHR12	11423606	CHR12:11423606	SSF x Near_LoA	-8,244	-0,048	0,262
CHR12	11423657	CHR12:11423657	SSF x Near_LoA	-6,571	-0,028	0,286
CHR12	11423665	CHR12:11423665	SSF x Near_LoA	-6,494	-0,129	0,282
CHR12	11423674	CHR12:11423674	SSF x Near_LoA	-6,313	-0,004	0,275
CHR12	11423762	CHR12:11423762	SSF x Near_LoA	-8,719	-0,042	0,291
CHR12	11441361	CHR12:11441361	SSF x Near_LoA	-8,227	-0,045	0,288
CHR12	11441381	CHR12:11441381	SSF x Near_LoA	-5,152	-0,180	0,286
CHR12	11441577	CHR12:11441577	SSF x Near_LoA	-9,303	0,036	0,287
CHR12	11441612	CHR12:11441612	SSF x Near_LoA	-9,656	-0,011	0,290
CHR12	11441614	CHR12:11441614	SSF x Near_LoA	-6,728	-0,155	0,257
CHR12	11441615	CHR12:11441615	SSF x Near_LoA	-7,616	-0,007	0,284
CHR12	11441628	CHR12:11441628	SSF x Near_LoA	-10,048	0,041	0,246
CHR12	11441664	CHR12:11441664	SSF x Near_LoA	-8,374	-0,022	0,291
CHR12	11459652	CHR12:11459652	SSF x Near_LoA	-7,265	0,045	0,296
CHR12	11459656	CHR12:11459656	SSF x Near_LoA	-8,008	0,010	0,305
CHR12	11474074	CHR12:11474074	SSF x Near_LoA	-8,815	0,092	0,289
CHR12	11474138	CHR12:11474138	SSF x Near_LoA	-9,972	0,059	0,288
CHR12	11487440	CHR12:11487440	SSF x Near_LoA	-7,906	-0,078	0,294
CHR12	11510203	CHR12:11510203	SSF x Near_LoA	-7,733	0,023	0,287
CHR12	11510205	CHR12:11510205	SSF x Near_LoA	-7,493	-0,004	0,274
CHR12	11510208	CHR12:11510208	SSF x Near_LoA	-7,891	0,012	0,278
CHR12	11510235	CHR12:11510235	SSF x Near_LoA	-8,641	0,133	0,294
CHR12	11510251	CHR12:11510251	SSF x Near_LoA	-10,851	-0,021	0,289
CHR12	1151573	CHR12:1151573	SSF x Near_LoA	-4,781	-0,203	0,286
CHR12	11531814	CHR12:11531814	SSF x Near_LoA	-7,178	0,010	0,276

CHR12	11540811	CHR12:11540811	SSF x Near_LoA	-7,164	-0,102	0,286
CHR12	11540854	CHR12:11540854	SSF x Near_LoA	-9,592	0,072	0,298
CHR12	11540947	CHR12:11540947	SSF x Near_LoA	-6,477	-0,039	0,273
CHR12	11547969	CHR12:11547969	SSF x Near_LoA	-9,869	0,036	0,279
CHR12	11554972	CHR12:11554972	SSF x Near_LoA	-4,305	-0,019	0,306
CHR12	1161747	CHR12:1161747	SSF x Near_LoA	-5,715	-0,043	0,288
CHR12	1161888	CHR12:1161888	SSF x Near_LoA	-8,040	-0,033	0,291
CHR12	1161964	CHR12:1161964	SSF x Near_LoA	-6,497	0,018	0,281
CHR12	11634171	CHR12:11634171	SSF x Near_LoA	-6,805	-0,193	0,274
CHR12	11642619	CHR12:11642619	SSF x Near_LoA	-8,258	0,120	0,289
CHR12	11642833	CHR12:11642833	SSF x Near_LoA	-10,352	0,010	0,287
CHR12	11642855	CHR12:11642855	SSF x Near_LoA	-4,547	-0,090	0,291
CHR12	11642877	CHR12:11642877	SSF x Near_LoA	-8,736	0,055	0,270
CHR12	11646220	CHR12:11646220	SSF x Near_LoA	-7,527	0,074	0,284
CHR12	11646258	CHR12:11646258	SSF x Near_LoA	-5,746	-0,147	0,289
CHR12	11649604	CHR12:11649604	SSF x Near_LoA	-10,057	-0,023	0,282
CHR12	11649665	CHR12:11649665	SSF x Near_LoA	-9,023	-0,108	0,276
CHR12	1168276	CHR12:1168276	SSF x Near_LoA	-5,292	-0,157	0,280
CHR12	11699845	CHR12:11699845	SSF x Near_LoA	-8,594	-0,051	0,288
CHR12	11699856	CHR12:11699856	SSF x Near_LoA	-8,025	0,034	0,300
CHR12	11699919	CHR12:11699919	SSF x Near_LoA	-8,263	-0,124	0,273
CHR12	11714539	CHR12:11714539	SSF x Near_LoA	-8,795	-0,071	0,294
CHR12	11714744	CHR12:11714744	SSF x Near_LoA	-8,978	0,031	0,287
CHR12	1174458	CHR12:1174458	SSF x Near_LoA	-7,784	-0,036	0,285
CHR12	1174576	CHR12:1174576	SSF x Near_LoA	-0,647	0,143	0,290
CHR12	11746696	CHR12:11746696	SSF x Near_LoA	-7,902	-0,005	0,285
CHR12	11746871	CHR12:11746871	SSF x Near_LoA	-6,536	-0,059	0,291
CHR12	11746886	CHR12:11746886	SSF x Near_LoA	-10,289	0,093	0,295
CHR12	117563	CHR12:117563	SSF x Near_LoA	-6,839	0,121	0,280
CHR12	11762350	CHR12:11762350	SSF x Near_LoA	-8,350	-0,111	0,289
CHR12	11762356	CHR12:11762356	SSF x Near_LoA	-8,736	-0,099	0,299
CHR12	11762363	CHR12:11762363	SSF x Near_LoA	-9,824	0,052	0,283
CHR12	11762378	CHR12:11762378	SSF x Near_LoA	-7,123	0,114	0,304
CHR12	11762397	CHR12:11762397	SSF x Near_LoA	-6,496	0,110	0,298
CHR12	11762417	CHR12:11762417	SSF x Near_LoA	-8,855	0,057	0,302
CHR12	11762440	CHR12:11762440	SSF x Near_LoA	-6,260	-0,052	0,295
CHR12	11762481	CHR12:11762481	SSF x Near_LoA	-6,813	-0,070	0,289
CHR12	117660	CHR12:117660	SSF x Near_LoA	-9,027	-0,038	0,297
CHR12	117708	CHR12:117708	SSF x Near_LoA	-7,171	0,030	0,287
CHR12	117730	CHR12:117730	SSF x Near_LoA	15,823	0,031	0,281
CHR12	11788572	CHR12:11788572	SSF x Near_LoA	-7,365	-0,080	0,276
CHR12	1181890	CHR12:1181890	SSF x Near_LoA	-7,895	-0,078	0,299
CHR12	1182405	CHR12:1182405	SSF x Near_LoA	-7,978	0,044	0,284
CHR12	1182419	CHR12:1182419	SSF x Near_LoA	-8,801	-0,006	0,281
CHR12	11847273	CHR12:11847273	SSF x Near_LoA	-6,375	0,153	0,291
CHR12	11847299	CHR12:11847299	SSF x Near_LoA	-7,773	0,152	0,278
CHR12	11853944	CHR12:11853944	SSF x Near_LoA	-7,785	-0,060	0,300
CHR12	11853949	CHR12:11853949	SSF x Near_LoA	-9,077	0,012	0,285
CHR12	11853961	CHR12:11853961	SSF x Near_LoA	-8,720	-0,038	0,293
CHR12	11854044	CHR12:11854044	SSF x Near_LoA	-5,393	0,093	0,292
CHR12	11880393	CHR12:11880393	SSF x Near_LoA	-7,412	-0,111	0,280
CHR12	11880438	CHR12:11880438	SSF x Near_LoA	3,330	-0,234	0,274
CHR12	11880495	CHR12:11880495	SSF x Near_LoA	-4,703	0,076	0,298

CHR12	11880543	CHR12:11880543	SSF x Near_LoA	-9,502	0,051	0,288
CHR12	11880599	CHR12:11880599	SSF x Near_LoA	-7,966	-0,035	0,287
CHR12	11900374	CHR12:11900374	SSF x Near_LoA	-8,072	0,027	0,299
CHR12	11900495	CHR12:11900495	SSF x Near_LoA	-8,047	0,043	0,290
CHR12	11905384	CHR12:11905384	SSF x Near_LoA	-1,794	0,053	0,307
CHR12	11913552	CHR12:11913552	SSF x Near_LoA	-8,834	-0,010	0,292
CHR12	11913571	CHR12:11913571	SSF x Near_LoA	-8,289	-0,079	0,279
CHR12	11913580	CHR12:11913580	SSF x Near_LoA	-7,464	0,172	0,268
CHR12	11913642	CHR12:11913642	SSF x Near_LoA	-4,712	0,136	0,272
CHR12	11913650	CHR12:11913650	SSF x Near_LoA	-8,946	-0,027	0,285
CHR12	11913693	CHR12:11913693	SSF x Near_LoA	-7,849	0,088	0,288
CHR12	11913694	CHR12:11913694	SSF x Near_LoA	-6,905	0,145	0,288
CHR12	11919554	CHR12:11919554	SSF x Near_LoA	-7,801	0,005	0,291
CHR12	11919556	CHR12:11919556	SSF x Near_LoA	-5,711	-0,141	0,279
CHR12	11919598	CHR12:11919598	SSF x Near_LoA	-6,663	0,042	0,285
CHR12	11923656	CHR12:11923656	SSF x Near_LoA	-5,934	-0,127	0,293
CHR12	11928060	CHR12:11928060	SSF x Near_LoA	-10,526	-0,117	0,279
CHR12	11928145	CHR12:11928145	SSF x Near_LoA	-6,195	0,041	0,285
CHR12	11928214	CHR12:11928214	SSF x Near_LoA	-9,227	0,001	0,300
CHR12	11935885	CHR12:11935885	SSF x Near_LoA	-7,480	-0,092	0,296
CHR12	11935981	CHR12:11935981	SSF x Near_LoA	-7,385	-0,111	0,296
CHR12	11936021	CHR12:11936021	SSF x Near_LoA	-2,231	-0,159	0,269
CHR12	11936037	CHR12:11936037	SSF x Near_LoA	-7,432	-0,111	0,292
CHR12	11940215	CHR12:11940215	SSF x Near_LoA	-7,067	-0,070	0,298
CHR12	11953115	CHR12:11953115	SSF x Near_LoA	-4,825	0,087	0,284
CHR12	11955657	CHR12:11955657	SSF x Near_LoA	-7,875	-0,043	0,290
CHR12	11955685	CHR12:11955685	SSF x Near_LoA	-9,456	0,004	0,286
CHR12	11955735	CHR12:11955735	SSF x Near_LoA	-8,289	0,018	0,282
CHR12	1198526	CHR12:1198526	SSF x Near_LoA	-4,578	-0,161	0,293
CHR12	11988726	CHR12:11988726	SSF x Near_LoA	-8,928	0,001	0,303
CHR12	12042654	CHR12:12042654	SSF x Near_LoA	-6,861	0,029	0,283
CHR12	12044805	CHR12:12044805	SSF x Near_LoA	-9,479	-0,060	0,286
CHR12	12048080	CHR12:12048080	SSF x Near_LoA	4,363	0,316	0,251
CHR12	1207901	CHR12:1207901	SSF x Near_LoA	-5,409	0,058	0,293
CHR12	12082998	CHR12:12082998	SSF x Near_LoA	-7,158	0,140	0,291
CHR12	12083052	CHR12:12083052	SSF x Near_LoA	-8,604	0,090	0,283
CHR12	120934	CHR12:120934	SSF x Near_LoA	-10,525	0,022	0,278
CHR12	120952	CHR12:120952	SSF x Near_LoA	-7,735	0,175	0,262
CHR12	12101797	CHR12:12101797	SSF x Near_LoA	4,931	0,015	0,293
CHR12	12102478	CHR12:12102478	SSF x Near_LoA	-4,240	-0,230	0,270
CHR12	12102597	CHR12:12102597	SSF x Near_LoA	-0,487	0,271	0,280
CHR12	12102612	CHR12:12102612	SSF x Near_LoA	-6,710	-0,148	0,282
CHR12	12102763	CHR12:12102763	SSF x Near_LoA	-9,528	0,075	0,277
CHR12	12102799	CHR12:12102799	SSF x Near_LoA	-9,398	-0,080	0,288
CHR12	12109267	CHR12:12109267	SSF x Near_LoA	-5,414	0,058	0,295
CHR12	12109433	CHR12:12109433	SSF x Near_LoA	-7,395	-0,013	0,278
CHR12	12109539	CHR12:12109539	SSF x Near_LoA	-7,437	0,081	0,281
CHR12	12109596	CHR12:12109596	SSF x Near_LoA	-9,662	-0,032	0,294
CHR12	12120077	CHR12:12120077	SSF x Near_LoA	-9,738	-0,114	0,282
CHR12	12120652	CHR12:12120652	SSF x Near_LoA	-6,310	-0,105	0,295
CHR12	12120656	CHR12:12120656	SSF x Near_LoA	-3,384	-0,167	0,279
CHR12	12120734	CHR12:12120734	SSF x Near_LoA	-8,678	-0,076	0,287
CHR12	12133216	CHR12:12133216	SSF x Near_LoA	-7,413	0,051	0,289

CHR12	12133368	CHR12:12133368	SSF x Near_LoA	-5,323	-0,104	0,283
CHR12	12143569	CHR12:12143569	SSF x Near_LoA	-11,040	0,001	0,280
CHR12	12169561	CHR12:12169561	SSF x Near_LoA	-8,711	-0,062	0,274
CHR12	12183298	CHR12:12183298	SSF x Near_LoA	-10,833	-0,035	0,296
CHR12	12183326	CHR12:12183326	SSF x Near_LoA	-2,017	-0,172	0,270
CHR12	12183383	CHR12:12183383	SSF x Near_LoA	-3,947	-0,232	0,253
CHR12	12183404	CHR12:12183404	SSF x Near_LoA	-4,999	-0,167	0,273
CHR12	12185843	CHR12:12185843	SSF x Near_LoA	-6,718	-0,083	0,283
CHR12	12185844	CHR12:12185844	SSF x Near_LoA	-3,970	-0,067	0,288
CHR12	12185847	CHR12:12185847	SSF x Near_LoA	-5,651	-0,201	0,273
CHR12	12186010	CHR12:12186010	SSF x Near_LoA	-8,350	0,036	0,273
CHR12	12186085	CHR12:12186085	SSF x Near_LoA	-7,316	0,016	0,296
CHR12	12186195	CHR12:12186195	SSF x Near_LoA	-9,556	-0,003	0,293
CHR12	12192317	CHR12:12192317	SSF x Near_LoA	-6,532	-0,161	0,270
CHR12	12192398	CHR12:12192398	SSF x Near_LoA	-8,034	-0,024	0,273
CHR12	1219569	CHR12:1219569	SSF x Near_LoA	-8,618	-0,044	0,292
CHR12	1219822	CHR12:1219822	SSF x Near_LoA	2,311	0,012	0,285
CHR12	1222642	CHR12:1222642	SSF x Near_LoA	-8,698	0,064	0,305
CHR12	12226695	CHR12:12226695	SSF x Near_LoA	-7,795	-0,079	0,285
CHR12	1222721	CHR12:1222721	SSF x Near_LoA	-9,757	0,085	0,289
CHR12	1222777	CHR12:1222777	SSF x Near_LoA	-5,906	0,163	0,280
CHR12	1222818	CHR12:1222818	SSF x Near_LoA	-8,856	0,079	0,282
CHR12	12232956	CHR12:12232956	SSF x Near_LoA	-6,614	0,133	0,289
CHR12	12246762	CHR12:12246762	SSF x Near_LoA	-5,129	0,056	0,289
CHR12	12246811	CHR12:12246811	SSF x Near_LoA	-5,942	-0,134	0,291
CHR12	12246924	CHR12:12246924	SSF x Near_LoA	-8,034	-0,008	0,275
CHR12	12246929	CHR12:12246929	SSF x Near_LoA	-7,034	0,104	0,290
CHR12	12246987	CHR12:12246987	SSF x Near_LoA	-6,364	0,124	0,299
CHR12	12261646	CHR12:12261646	SSF x Near_LoA	-8,773	0,036	0,301
CHR12	12261766	CHR12:12261766	SSF x Near_LoA	-10,312	-0,014	0,292
CHR12	12261776	CHR12:12261776	SSF x Near_LoA	-7,021	0,123	0,280
CHR12	1227387	CHR12:1227387	SSF x Near_LoA	-6,791	0,115	0,284
CHR12	12279720	CHR12:12279720	SSF x Near_LoA	-3,071	-0,079	0,299
CHR12	1228107	CHR12:1228107	SSF x Near_LoA	-5,390	-0,159	0,284
CHR12	12295203	CHR12:12295203	SSF x Near_LoA	-5,647	0,196	0,282
CHR12	12295211	CHR12:12295211	SSF x Near_LoA	-9,174	0,032	0,284
CHR12	12295250	CHR12:12295250	SSF x Near_LoA	-5,684	0,141	0,279
CHR12	12295257	CHR12:12295257	SSF x Near_LoA	-6,860	0,129	0,285
CHR12	12306515	CHR12:12306515	SSF x Near_LoA	-3,277	-0,160	0,266
CHR12	12306517	CHR12:12306517	SSF x Near_LoA	-5,725	0,179	0,291
CHR12	12310508	CHR12:12310508	SSF x Near_LoA	-9,699	0,123	0,281
CHR12	12315296	CHR12:12315296	SSF x Near_LoA	-7,904	-0,021	0,283
CHR12	1232501	CHR12:1232501	SSF x Near_LoA	-1,672	-0,169	0,278
CHR12	1232658	CHR12:1232658	SSF x Near_LoA	-7,105	-0,132	0,284
CHR12	12331301	CHR12:12331301	SSF x Near_LoA	-4,916	0,082	0,281
CHR12	12331422	CHR12:12331422	SSF x Near_LoA	3,059	0,192	0,276
CHR12	1234662	CHR12:1234662	SSF x Near_LoA	-8,573	0,084	0,275
CHR12	1234717	CHR12:1234717	SSF x Near_LoA	-8,413	-0,024	0,286
CHR12	12368670	CHR12:12368670	SSF x Near_LoA	-6,761	-0,118	0,289
CHR12	12408154	CHR12:12408154	SSF x Near_LoA	-10,602	-0,049	0,288
CHR12	12408287	CHR12:12408287	SSF x Near_LoA	-9,796	-0,030	0,287
CHR12	12408329	CHR12:12408329	SSF x Near_LoA	-9,805	0,039	0,284
CHR12	12409582	CHR12:12409582	SSF x Near_LoA	-8,515	-0,037	0,275

CHR12	12409837	CHR12:12409837	SSF x Near_LoA	-8,581	-0,026	0,290
CHR12	12425195	CHR12:12425195	SSF x Near_LoA	-7,621	-0,106	0,277
CHR12	12425228	CHR12:12425228	SSF x Near_LoA	-9,443	-0,021	0,273
CHR12	12425307	CHR12:12425307	SSF x Near_LoA	-1,817	0,098	0,278
CHR12	12432167	CHR12:12432167	SSF x Near_LoA	-4,058	0,198	0,294
CHR12	1243612	CHR12:1243612	SSF x Near_LoA	-5,475	0,148	0,283
CHR12	1243697	CHR12:1243697	SSF x Near_LoA	-7,893	-0,012	0,278
CHR12	1243725	CHR12:1243725	SSF x Near_LoA	-4,722	0,124	0,278
CHR12	12441091	CHR12:12441091	SSF x Near_LoA	-7,349	-0,198	0,286
CHR12	12450661	CHR12:12450661	SSF x Near_LoA	-9,240	-0,051	0,301
CHR12	12450735	CHR12:12450735	SSF x Near_LoA	-6,798	-0,071	0,272
CHR12	12453829	CHR12:12453829	SSF x Near_LoA	-10,749	-0,039	0,289
CHR12	12453830	CHR12:12453830	SSF x Near_LoA	0,216	-0,078	0,283
CHR12	12453831	CHR12:12453831	SSF x Near_LoA	5,089	-0,197	0,273
CHR12	12453965	CHR12:12453965	SSF x Near_LoA	-9,041	0,018	0,292
CHR12	12466910	CHR12:12466910	SSF x Near_LoA	-6,732	-0,088	0,286
CHR12	12476628	CHR12:12476628	SSF x Near_LoA	-8,145	-0,050	0,283
CHR12	12476749	CHR12:12476749	SSF x Near_LoA	-7,080	0,130	0,283
CHR12	12477137	CHR12:12477137	SSF x Near_LoA	-10,973	0,028	0,286
CHR12	12484807	CHR12:12484807	SSF x Near_LoA	-7,885	-0,064	0,288
CHR12	12487172	CHR12:12487172	SSF x Near_LoA	-8,569	-0,002	0,285
CHR12	12499586	CHR12:12499586	SSF x Near_LoA	-7,356	0,011	0,293
CHR12	12502804	CHR12:12502804	SSF x Near_LoA	-8,579	-0,034	0,294
CHR12	12502877	CHR12:12502877	SSF x Near_LoA	-6,384	-0,173	0,279
CHR12	1251693	CHR12:1251693	SSF x Near_LoA	-8,860	0,127	0,280
CHR12	12531231	CHR12:12531231	SSF x Near_LoA	-8,715	0,090	0,291
CHR12	12531240	CHR12:12531240	SSF x Near_LoA	-7,167	0,105	0,277
CHR12	12531256	CHR12:12531256	SSF x Near_LoA	-9,633	0,104	0,281
CHR12	12534692	CHR12:12534692	SSF x Near_LoA	-10,496	0,048	0,298
CHR12	12534770	CHR12:12534770	SSF x Near_LoA	-8,742	-0,143	0,282
CHR12	12534796	CHR12:12534796	SSF x Near_LoA	-7,948	-0,081	0,285
CHR12	12534850	CHR12:12534850	SSF x Near_LoA	-9,533	-0,006	0,300
CHR12	12534887	CHR12:12534887	SSF x Near_LoA	-9,660	-0,082	0,275
CHR12	12551107	CHR12:12551107	SSF x Near_LoA	-5,452	-0,200	0,276
CHR12	12568526	CHR12:12568526	SSF x Near_LoA	-9,754	-0,039	0,275
CHR12	12568527	CHR12:12568527	SSF x Near_LoA	-8,894	-0,038	0,294
CHR12	12568590	CHR12:12568590	SSF x Near_LoA	-9,482	0,028	0,295
CHR12	1257173	CHR12:1257173	SSF x Near_LoA	-9,854	0,029	0,289
CHR12	12603431	CHR12:12603431	SSF x Near_LoA	-7,067	0,074	0,280
CHR12	12603503	CHR12:12603503	SSF x Near_LoA	-6,965	-0,123	0,284
CHR12	12627004	CHR12:12627004	SSF x Near_LoA	-9,015	0,059	0,273
CHR12	1263102	CHR12:1263102	SSF x Near_LoA	-6,804	-0,104	0,290
CHR12	1263144	CHR12:1263144	SSF x Near_LoA	-8,273	-0,023	0,289
CHR12	1269537	CHR12:1269537	SSF x Near_LoA	-8,506	0,093	0,273
CHR12	1269606	CHR12:1269606	SSF x Near_LoA	-10,995	-0,127	0,256
CHR12	12715548	CHR12:12715548	SSF x Near_LoA	-8,470	-0,030	0,300
CHR12	1277876	CHR12:1277876	SSF x Near_LoA	-6,798	-0,112	0,292
CHR12	1291612	CHR12:1291612	SSF x Near_LoA	-7,772	-0,153	0,282
CHR12	1291784	CHR12:1291784	SSF x Near_LoA	-9,623	-0,060	0,278
CHR12	130264	CHR12:130264	SSF x Near_LoA	-2,917	0,070	0,286
CHR12	130368	CHR12:130368	SSF x Near_LoA	-6,906	0,210	0,274
CHR12	1313351	CHR12:1313351	SSF x Near_LoA	-7,629	0,134	0,283
CHR12	1313414	CHR12:1313414	SSF x Near_LoA	-8,185	0,121	0,268

CHR12	1316900	CHR12:1316900	SSF x Near_LoA	-8,930	-0,015	0,298
CHR12	1319364	CHR12:1319364	SSF x Near_LoA	-3,810	0,201	0,283
CHR12	1323651	CHR12:1323651	SSF x Near_LoA	-0,824	-0,084	0,278
CHR12	1323654	CHR12:1323654	SSF x Near_LoA	-6,238	0,168	0,297
CHR12	1323707	CHR12:1323707	SSF x Near_LoA	-7,234	0,069	0,288
CHR12	1323742	CHR12:1323742	SSF x Near_LoA	-7,355	0,084	0,285
CHR12	1323763	CHR12:1323763	SSF x Near_LoA	-10,777	0,018	0,278
CHR12	1323791	CHR12:1323791	SSF x Near_LoA	-6,605	0,030	0,296
CHR12	1323793	CHR12:1323793	SSF x Near_LoA	-8,385	0,006	0,291
CHR12	1337788	CHR12:1337788	SSF x Near_LoA	-6,586	0,130	0,290
CHR12	1337831	CHR12:1337831	SSF x Near_LoA	-6,188	0,110	0,293
CHR12	1352073	CHR12:1352073	SSF x Near_LoA	-10,023	-0,062	0,281
CHR12	1352082	CHR12:1352082	SSF x Near_LoA	-3,169	0,137	0,268
CHR12	1352152	CHR12:1352152	SSF x Near_LoA	-7,161	-0,022	0,297
CHR12	1367760	CHR12:1367760	SSF x Near_LoA	-8,457	-0,159	0,280
CHR12	1367804	CHR12:1367804	SSF x Near_LoA	-1,110	-0,202	0,266
CHR12	1368949	CHR12:1368949	SSF x Near_LoA	-8,530	-0,098	0,283
CHR12	1368953	CHR12:1368953	SSF x Near_LoA	-8,377	0,000	0,277
CHR12	1368998	CHR12:1368998	SSF x Near_LoA	-7,658	-0,027	0,277
CHR12	1369001	CHR12:1369001	SSF x Near_LoA	-6,943	-0,126	0,284
CHR12	1369092	CHR12:1369092	SSF x Near_LoA	-8,441	0,000	0,282
CHR12	1387821	CHR12:1387821	SSF x Near_LoA	-3,076	0,199	0,286
CHR12	1387849	CHR12:1387849	SSF x Near_LoA	-7,116	0,066	0,292
CHR12	138964	CHR12:138964	SSF x Near_LoA	-7,381	-0,053	0,272
CHR12	1396719	CHR12:1396719	SSF x Near_LoA	-8,735	-0,023	0,296
CHR12	1396749	CHR12:1396749	SSF x Near_LoA	-8,426	0,013	0,288
CHR12	1396924	CHR12:1396924	SSF x Near_LoA	-6,403	-0,121	0,295
CHR12	1396948	CHR12:1396948	SSF x Near_LoA	-3,421	-0,217	0,276
CHR12	1396960	CHR12:1396960	SSF x Near_LoA	-9,374	0,035	0,275
CHR12	1400941	CHR12:1400941	SSF x Near_LoA	-8,360	0,034	0,282
CHR12	1400947	CHR12:1400947	SSF x Near_LoA	-5,791	0,086	0,296
CHR12	1401013	CHR12:1401013	SSF x Near_LoA	-8,578	0,019	0,278
CHR12	1401161	CHR12:1401161	SSF x Near_LoA	-6,124	-0,135	0,290
CHR12	1415311	CHR12:1415311	SSF x Near_LoA	-8,512	0,140	0,290
CHR12	1415312	CHR12:1415312	SSF x Near_LoA	-8,767	0,155	0,292
CHR12	1415352	CHR12:1415352	SSF x Near_LoA	-4,847	-0,155	0,292
CHR12	141663	CHR12:141663	SSF x Near_LoA	-7,276	-0,004	0,286
CHR12	141800	CHR12:141800	SSF x Near_LoA	-10,911	0,016	0,280
CHR12	1422309	CHR12:1422309	SSF x Near_LoA	-7,570	0,082	0,292
CHR12	1434420	CHR12:1434420	SSF x Near_LoA	-7,376	0,085	0,273
CHR12	1455905	CHR12:1455905	SSF x Near_LoA	-5,849	0,064	0,288
CHR12	1465283	CHR12:1465283	SSF x Near_LoA	-8,572	-0,020	0,290
CHR12	1465301	CHR12:1465301	SSF x Near_LoA	-8,560	0,051	0,294
CHR12	1465654	CHR12:1465654	SSF x Near_LoA	-7,489	0,073	0,296
CHR12	1470191	CHR12:1470191	SSF x Near_LoA	-9,539	-0,129	0,282
CHR12	1470220	CHR12:1470220	SSF x Near_LoA	-7,615	-0,125	0,282
CHR12	1470311	CHR12:1470311	SSF x Near_LoA	-8,296	-0,060	0,278
CHR12	1524854	CHR12:1524854	SSF x Near_LoA	-7,335	-0,147	0,282
CHR12	1524911	CHR12:1524911	SSF x Near_LoA	-7,870	-0,107	0,285
CHR12	1531776	CHR12:1531776	SSF x Near_LoA	-5,637	0,012	0,296
CHR12	1531849	CHR12:1531849	SSF x Near_LoA	-9,724	-0,039	0,275
CHR12	1540852	CHR12:1540852	SSF x Near_LoA	-7,574	-0,055	0,297
CHR12	1541008	CHR12:1541008	SSF x Near_LoA	-8,415	-0,028	0,276

CHR12	1551287	CHR12:1551287	SSF x Near_LoA	-7,341	-0,193	0,281
CHR12	1551395	CHR12:1551395	SSF x Near_LoA	-9,514	-0,010	0,277
CHR12	1551738	CHR12:1551738	SSF x Near_LoA	-9,498	-0,033	0,281
CHR12	1575059	CHR12:1575059	SSF x Near_LoA	-8,652	-0,062	0,286
CHR12	1575084	CHR12:1575084	SSF x Near_LoA	-7,939	-0,069	0,295
CHR12	1581279	CHR12:1581279	SSF x Near_LoA	-7,187	0,122	0,294
CHR12	1583464	CHR12:1583464	SSF x Near_LoA	-9,676	0,068	0,286
CHR12	1583482	CHR12:1583482	SSF x Near_LoA	-2,953	-0,173	0,279
CHR12	1598902	CHR12:1598902	SSF x Near_LoA	-6,169	-0,019	0,298
CHR12	1602969	CHR12:1602969	SSF x Near_LoA	-7,282	0,144	0,277
CHR12	1603174	CHR12:1603174	SSF x Near_LoA	-8,405	0,044	0,281
CHR12	1603194	CHR12:1603194	SSF x Near_LoA	-7,490	-0,005	0,295
CHR12	1606638	CHR12:1606638	SSF x Near_LoA	-7,568	-0,017	0,290
CHR12	1606658	CHR12:1606658	SSF x Near_LoA	-4,766	-0,150	0,285
CHR12	160674	CHR12:160674	SSF x Near_LoA	-8,527	-0,034	0,289
CHR12	1618291	CHR12:1618291	SSF x Near_LoA	-9,310	-0,085	0,292
CHR12	1622908	CHR12:1622908	SSF x Near_LoA	-10,513	0,038	0,279
CHR12	1648996	CHR12:1648996	SSF x Near_LoA	5,368	-0,241	0,266
CHR12	1649005	CHR12:1649005	SSF x Near_LoA	-0,617	-0,241	0,266
CHR12	1649041	CHR12:1649041	SSF x Near_LoA	-0,029	0,229	0,269
CHR12	1649049	CHR12:1649049	SSF x Near_LoA	-1,785	0,246	0,264
CHR12	1649060	CHR12:1649060	SSF x Near_LoA	-0,723	0,280	0,261
CHR12	1649061	CHR12:1649061	SSF x Near_LoA	2,591	0,275	0,251
CHR12	1649092	CHR12:1649092	SSF x Near_LoA	-2,303	0,269	0,254
CHR12	1649132	CHR12:1649132	SSF x Near_LoA	-0,774	0,242	0,276
CHR12	1649141	CHR12:1649141	SSF x Near_LoA	-7,273	-0,145	0,278
CHR12	1649167	CHR12:1649167	SSF x Near_LoA	-7,278	0,085	0,292
CHR12	1649173	CHR12:1649173	SSF x Near_LoA	-6,900	0,123	0,285
CHR12	1649206	CHR12:1649206	SSF x Near_LoA	-3,795	-0,195	0,290
CHR12	1653174	CHR12:1653174	SSF x Near_LoA	-5,846	0,108	0,294
CHR12	1656423	CHR12:1656423	SSF x Near_LoA	-9,878	0,010	0,273
CHR12	1658122	CHR12:1658122	SSF x Near_LoA	-7,731	-0,091	0,278
CHR12	1658152	CHR12:1658152	SSF x Near_LoA	-6,783	-0,117	0,274
CHR12	1668346	CHR12:1668346	SSF x Near_LoA	-6,654	0,152	0,259
CHR12	1668427	CHR12:1668427	SSF x Near_LoA	-7,849	0,017	0,293
CHR12	1668486	CHR12:1668486	SSF x Near_LoA	-6,183	0,162	0,273
CHR12	1681939	CHR12:1681939	SSF x Near_LoA	-4,220	0,218	0,269
CHR12	1692985	CHR12:1692985	SSF x Near_LoA	-7,854	0,080	0,284
CHR12	1699639	CHR12:1699639	SSF x Near_LoA	-2,117	0,122	0,292
CHR12	1699762	CHR12:1699762	SSF x Near_LoA	-9,783	0,013	0,301
CHR12	1716368	CHR12:1716368	SSF x Near_LoA	-6,639	0,082	0,300
CHR12	1716384	CHR12:1716384	SSF x Near_LoA	-2,900	-0,203	0,271
CHR12	1719175	CHR12:1719175	SSF x Near_LoA	-9,624	-0,021	0,274
CHR12	1720783	CHR12:1720783	SSF x Near_LoA	-9,039	0,030	0,291
CHR12	1720823	CHR12:1720823	SSF x Near_LoA	-7,641	0,117	0,294
CHR12	1720912	CHR12:1720912	SSF x Near_LoA	2,572	-0,196	0,292
CHR12	172313	CHR12:172313	SSF x Near_LoA	-8,183	-0,118	0,303
CHR12	1732500	CHR12:1732500	SSF x Near_LoA	-6,657	-0,098	0,295
CHR12	1732550	CHR12:1732550	SSF x Near_LoA	-9,848	0,003	0,293
CHR12	1740808	CHR12:1740808	SSF x Near_LoA	-8,976	-0,020	0,278
CHR12	1740824	CHR12:1740824	SSF x Near_LoA	-7,695	-0,188	0,284
CHR12	1743002	CHR12:1743002	SSF x Near_LoA	-9,598	0,087	0,281
CHR12	1743088	CHR12:1743088	SSF x Near_LoA	-9,495	0,052	0,283

CHR12	1762966	CHR12:1762966 SSF x Near_LoA		-8,444	-0,128	0,270
CHR12	1763031	CHR12:1763031 SSF x Near_LoA		-8,697	-0,060	0,267
CHR12	1789789	CHR12:1789789 SSF x Near_LoA		-7,847	0,078	0,280
CHR12	1789797	CHR12:1789797 SSF x Near_LoA		-7,920	0,069	0,283
CHR12	1791024	CHR12:1791024 SSF x Near_LoA		-6,981	0,092	0,282
CHR12	1791194	CHR12:1791194 SSF x Near_LoA		-7,524	0,063	0,287
CHR12	1791233	CHR12:1791233 SSF x Near_LoA		-9,803	0,006	0,291
CHR12	1808926	CHR12:1808926 SSF x Near_LoA		-8,763	-0,077	0,288
CHR12	1814137	CHR12:1814137 SSF x Near_LoA		-10,474	-0,040	0,272
CHR12	1814171	CHR12:1814171 SSF x Near_LoA		-8,325	0,060	0,275
CHR12	1819655	CHR12:1819655 SSF x Near_LoA		-9,199	-0,081	0,280
CHR12	1819936	CHR12:1819936 SSF x Near_LoA		-9,871	-0,007	0,288
CHR12	1820045	CHR12:1820045 SSF x Near_LoA		-8,753	-0,032	0,269
CHR12	1832284	CHR12:1832284 SSF x Near_LoA		-7,141	0,065	0,279
CHR12	1832324	CHR12:1832324 SSF x Near_LoA		-7,601	0,018	0,294
CHR12	1832415	CHR12:1832415 SSF x Near_LoA		-7,361	0,066	0,298
CHR12	1832679	CHR12:1832679 SSF x Near_LoA		-10,120	-0,076	0,291
CHR12	1843988	CHR12:1843988 SSF x Near_LoA		-1,419	-0,228	0,274
CHR12	1844002	CHR12:1844002 SSF x Near_LoA		-8,929	0,047	0,289
CHR12	1844018	CHR12:1844018 SSF x Near_LoA		-9,965	-0,075	0,284
CHR12	1844070	CHR12:1844070 SSF x Near_LoA		-9,722	0,058	0,286
CHR12	1844112	CHR12:1844112 SSF x Near_LoA		-8,842	0,156	0,276
CHR12	1846636	CHR12:1846636 SSF x Near_LoA		-11,120	-0,005	0,282
CHR12	1846639	CHR12:1846639 SSF x Near_LoA		-9,240	0,004	0,297
CHR12	1846710	CHR12:1846710 SSF x Near_LoA		-8,486	-0,186	0,277
CHR12	1850756	CHR12:1850756 SSF x Near_LoA		-5,416	0,021	0,293
CHR12	1850781	CHR12:1850781 SSF x Near_LoA		-10,871	-0,013	0,269
CHR12	1850801	CHR12:1850801 SSF x Near_LoA		-8,425	0,053	0,294
CHR12	1850962	CHR12:1850962 SSF x Near_LoA		-10,636	-0,038	0,276
CHR12	1850966	CHR12:1850966 SSF x Near_LoA		1,417	0,076	0,290
CHR12	1851121	CHR12:1851121 SSF x Near_LoA		-6,405	0,102	0,294
CHR12	1856385	CHR12:1856385 SSF x Near_LoA		-9,133	-0,072	0,277
CHR12	1856542	CHR12:1856542 SSF x Near_LoA		-9,578	0,124	0,288
CHR12	1856594	CHR12:1856594 SSF x Near_LoA		-7,613	0,077	0,272
CHR12	1856631	CHR12:1856631 SSF x Near_LoA		-5,829	0,034	0,285
CHR12	1861489	CHR12:1861489 SSF x Near_LoA		-8,176	0,063	0,283
CHR12	1861595	CHR12:1861595 SSF x Near_LoA		-8,972	-0,074	0,278
CHR12	1863723	CHR12:1863723 SSF x Near_LoA		-0,650	0,183	0,279
CHR12	1863734	CHR12:1863734 SSF x Near_LoA		-9,672	0,062	0,277
CHR12	1863964	CHR12:1863964 SSF x Near_LoA		-6,295	-0,148	0,287
CHR12	1863966	CHR12:1863966 SSF x Near_LoA		-5,898	-0,189	0,280
CHR12	1863989	CHR12:1863989 SSF x Near_LoA		-5,198	-0,174	0,282
CHR12	1886054	CHR12:1886054 SSF x Near_LoA		-8,286	0,085	0,283
CHR12	1886080	CHR12:1886080 SSF x Near_LoA		-9,713	0,086	0,294
CHR12	1886177	CHR12:1886177 SSF x Near_LoA		-9,537	-0,054	0,282
CHR12	1909896	CHR12:1909896 SSF x Near_LoA		-5,831	-0,051	0,297
CHR12	1909989	CHR12:1909989 SSF x Near_LoA		0,680	-0,147	0,274
CHR12	1909994	CHR12:1909994 SSF x Near_LoA		-4,368	-0,163	0,280
CHR12	1910069	CHR12:1910069 SSF x Near_LoA		-7,027	-0,121	0,286
CHR12	1910122	CHR12:1910122 SSF x Near_LoA		-8,380	-0,183	0,286
CHR12	1910137	CHR12:1910137 SSF x Near_LoA		-3,456	-0,044	0,291
CHR12	1910155	CHR12:1910155 SSF x Near_LoA		-6,897	-0,165	0,282
CHR12	1914471	CHR12:1914471 SSF x Near_LoA		-10,019	0,031	0,292

CHR12	1927433	CHR12:1927433	SSF x Near_LoA	-8,456	0,001	0,278
CHR12	1927434	CHR12:1927434	SSF x Near_LoA	-10,211	0,017	0,281
CHR12	1927455	CHR12:1927455	SSF x Near_LoA	-9,161	-0,024	0,287
CHR12	1927538	CHR12:1927538	SSF x Near_LoA	-7,518	-0,094	0,288
CHR12	1927695	CHR12:1927695	SSF x Near_LoA	-6,629	-0,081	0,286
CHR12	1937738	CHR12:1937738	SSF x Near_LoA	-9,130	-0,049	0,277
CHR12	1956705	CHR12:1956705	SSF x Near_LoA	-7,762	0,172	0,271
CHR12	1962268	CHR12:1962268	SSF x Near_LoA	-6,466	0,141	0,288
CHR12	1977865	CHR12:1977865	SSF x Near_LoA	-9,170	-0,043	0,292
CHR12	1977900	CHR12:1977900	SSF x Near_LoA	-9,702	0,035	0,290
CHR12	1998687	CHR12:1998687	SSF x Near_LoA	-7,938	0,117	0,283
CHR12	1998975	CHR12:1998975	SSF x Near_LoA	-6,778	0,027	0,281
CHR12	2009080	CHR12:2009080	SSF x Near_LoA	-6,563	-0,155	0,279
CHR12	2009205	CHR12:2009205	SSF x Near_LoA	-7,054	-0,113	0,297
CHR12	2012155	CHR12:2012155	SSF x Near_LoA	-6,209	0,124	0,289
CHR12	2012464	CHR12:2012464	SSF x Near_LoA	-10,057	0,058	0,285
CHR12	2024430	CHR12:2024430	SSF x Near_LoA	-9,371	0,053	0,278
CHR12	2028922	CHR12:2028922	SSF x Near_LoA	-6,218	0,214	0,278
CHR12	2029108	CHR12:2029108	SSF x Near_LoA	-6,405	-0,110	0,277
CHR12	2051539	CHR12:2051539	SSF x Near_LoA	-6,055	-0,020	0,308
CHR12	2051550	CHR12:2051550	SSF x Near_LoA	-6,422	-0,002	0,294
CHR12	2051583	CHR12:2051583	SSF x Near_LoA	-9,235	0,032	0,285
CHR12	2051608	CHR12:2051608	SSF x Near_LoA	-8,291	0,079	0,278
CHR12	2051617	CHR12:2051617	SSF x Near_LoA	-8,083	0,053	0,292
CHR12	2051698	CHR12:2051698	SSF x Near_LoA	-8,602	-0,026	0,280
CHR12	2051718	CHR12:2051718	SSF x Near_LoA	-7,799	-0,019	0,286
CHR12	2051769	CHR12:2051769	SSF x Near_LoA	-5,180	-0,060	0,282
CHR12	2051799	CHR12:2051799	SSF x Near_LoA	-7,869	-0,042	0,283
CHR12	2051802	CHR12:2051802	SSF x Near_LoA	-10,192	0,034	0,275
CHR12	2051811	CHR12:2051811	SSF x Near_LoA	-7,728	-0,022	0,284
CHR12	2051825	CHR12:2051825	SSF x Near_LoA	-7,421	-0,038	0,285
CHR12	2051829	CHR12:2051829	SSF x Near_LoA	-8,033	-0,057	0,282
CHR12	2063342	CHR12:2063342	SSF x Near_LoA	-6,977	0,032	0,292
CHR12	2063490	CHR12:2063490	SSF x Near_LoA	-9,328	-0,065	0,295
CHR12	2066735	CHR12:2066735	SSF x Near_LoA	-6,497	0,137	0,287
CHR12	2066751	CHR12:2066751	SSF x Near_LoA	-9,010	0,159	0,283
CHR12	2066774	CHR12:2066774	SSF x Near_LoA	-8,599	0,169	0,285
CHR12	2066775	CHR12:2066775	SSF x Near_LoA	-8,205	0,185	0,289
CHR12	2066776	CHR12:2066776	SSF x Near_LoA	-8,926	0,138	0,296
CHR12	2066779	CHR12:2066779	SSF x Near_LoA	-5,465	0,168	0,278
CHR12	2075779	CHR12:2075779	SSF x Near_LoA	-8,189	0,051	0,296
CHR12	2079489	CHR12:2079489	SSF x Near_LoA	-9,962	0,053	0,287
CHR12	2083986	CHR12:2083986	SSF x Near_LoA	-6,801	0,085	0,271
CHR12	2084040	CHR12:2084040	SSF x Near_LoA	-9,893	0,064	0,276
CHR12	2096140	CHR12:2096140	SSF x Near_LoA	-3,185	0,275	0,252
CHR12	2111368	CHR12:2111368	SSF x Near_LoA	-6,977	0,075	0,279
CHR12	2111437	CHR12:2111437	SSF x Near_LoA	-8,150	-0,016	0,284
CHR12	2112594	CHR12:2112594	SSF x Near_LoA	-9,012	0,055	0,282
CHR12	2120747	CHR12:2120747	SSF x Near_LoA	-9,058	-0,080	0,290
CHR12	2137454	CHR12:2137454	SSF x Near_LoA	-8,395	-0,009	0,289
CHR12	2137458	CHR12:2137458	SSF x Near_LoA	-8,188	0,057	0,279
CHR12	2140392	CHR12:2140392	SSF x Near_LoA	-9,502	0,062	0,293
CHR12	2140480	CHR12:2140480	SSF x Near_LoA	-6,382	0,115	0,269

CHR12	2152377	CHR12:2152377	SSF x Near_LoA	-5,206	0,142	0,285
CHR12	2158408	CHR12:2158408	SSF x Near_LoA	-9,369	0,040	0,275
CHR12	2160684	CHR12:2160684	SSF x Near_LoA	-1,159	-0,246	0,258
CHR12	2186549	CHR12:2186549	SSF x Near_LoA	-7,789	-0,060	0,302
CHR12	2186647	CHR12:2186647	SSF x Near_LoA	-8,709	-0,031	0,276
CHR12	2194827	CHR12:2194827	SSF x Near_LoA	-8,640	-0,016	0,285
CHR12	2194847	CHR12:2194847	SSF x Near_LoA	-7,596	-0,076	0,273
CHR12	2194908	CHR12:2194908	SSF x Near_LoA	-6,941	0,014	0,282
CHR12	219757	CHR12:219757	SSF x Near_LoA	-8,457	0,070	0,290
CHR12	2200501	CHR12:2200501	SSF x Near_LoA	-8,062	-0,049	0,290
CHR12	2254929	CHR12:2254929	SSF x Near_LoA	-1,144	0,191	0,276
CHR12	2274527	CHR12:2274527	SSF x Near_LoA	-7,863	0,024	0,292
CHR12	2277197	CHR12:2277197	SSF x Near_LoA	-7,917	0,041	0,284
CHR12	2277349	CHR12:2277349	SSF x Near_LoA	-9,912	0,078	0,293
CHR12	2287519	CHR12:2287519	SSF x Near_LoA	-9,477	0,025	0,289
CHR12	2287594	CHR12:2287594	SSF x Near_LoA	-8,299	-0,019	0,283
CHR12	2290286	CHR12:2290286	SSF x Near_LoA	-10,411	-0,030	0,280
CHR12	2290373	CHR12:2290373	SSF x Near_LoA	2,180	-0,131	0,291
CHR12	2290391	CHR12:2290391	SSF x Near_LoA	-3,723	-0,213	0,260
CHR12	2290436	CHR12:2290436	SSF x Near_LoA	-8,505	0,097	0,259
CHR12	229246	CHR12:229246	SSF x Near_LoA	-7,171	-0,091	0,291
CHR12	229279	CHR12:229279	SSF x Near_LoA	-4,205	0,017	0,278
CHR12	2297403	CHR12:2297403	SSF x Near_LoA	-4,210	0,009	0,298
CHR12	2297407	CHR12:2297407	SSF x Near_LoA	-9,942	0,062	0,280
CHR12	2297446	CHR12:2297446	SSF x Near_LoA	-8,419	0,024	0,279
CHR12	2297592	CHR12:2297592	SSF x Near_LoA	-6,746	-0,061	0,280
CHR12	2300895	CHR12:2300895	SSF x Near_LoA	-6,164	0,019	0,285
CHR12	2301997	CHR12:2301997	SSF x Near_LoA	-5,916	-0,159	0,279
CHR12	2318323	CHR12:2318323	SSF x Near_LoA	-7,180	0,071	0,293
CHR12	2318477	CHR12:2318477	SSF x Near_LoA	-7,573	-0,127	0,288
CHR12	2323867	CHR12:2323867	SSF x Near_LoA	-5,097	-0,121	0,277
CHR12	2323897	CHR12:2323897	SSF x Near_LoA	-8,212	-0,141	0,274
CHR12	2326885	CHR12:2326885	SSF x Near_LoA	-3,014	0,136	0,294
CHR12	2327152	CHR12:2327152	SSF x Near_LoA	-8,810	-0,008	0,274
CHR12	2327163	CHR12:2327163	SSF x Near_LoA	-9,175	-0,089	0,281
CHR12	2332665	CHR12:2332665	SSF x Near_LoA	-5,930	0,030	0,295
CHR12	2334275	CHR12:2334275	SSF x Near_LoA	-8,598	0,093	0,281
CHR12	2336742	CHR12:2336742	SSF x Near_LoA	-7,663	-0,053	0,290
CHR12	2337069	CHR12:2337069	SSF x Near_LoA	-6,411	0,033	0,260
CHR12	2341103	CHR12:2341103	SSF x Near_LoA	-9,447	-0,135	0,281
CHR12	2343709	CHR12:2343709	SSF x Near_LoA	-9,780	0,049	0,293
CHR12	2355919	CHR12:2355919	SSF x Near_LoA	-5,159	-0,207	0,259
CHR12	2356003	CHR12:2356003	SSF x Near_LoA	-8,809	-0,042	0,288
CHR12	2362149	CHR12:2362149	SSF x Near_LoA	-10,165	0,106	0,283
CHR12	236913	CHR12:236913	SSF x Near_LoA	-4,982	-0,158	0,268
CHR12	237055	CHR12:237055	SSF x Near_LoA	-7,138	-0,166	0,279
CHR12	237078	CHR12:237078	SSF x Near_LoA	-8,822	0,088	0,298
CHR12	2377135	CHR12:2377135	SSF x Near_LoA	-6,307	0,103	0,302
CHR12	2377230	CHR12:2377230	SSF x Near_LoA	0,316	0,088	0,303
CHR12	2378575	CHR12:2378575	SSF x Near_LoA	-9,704	-0,015	0,273
CHR12	2378586	CHR12:2378586	SSF x Near_LoA	-2,091	0,125	0,273
CHR12	2378643	CHR12:2378643	SSF x Near_LoA	-5,003	0,125	0,293
CHR12	2378692	CHR12:2378692	SSF x Near_LoA	-6,401	0,118	0,300

CHR12	240384	CHR12:240384	SSF x Near_LoA	-10,004	0,017	0,280
CHR12	2410485	CHR12:2410485	SSF x Near_LoA	-10,171	0,021	0,304
CHR12	2410524	CHR12:2410524	SSF x Near_LoA	-9,967	0,096	0,283
CHR12	2417956	CHR12:2417956	SSF x Near_LoA	-7,914	-0,017	0,282
CHR12	2418373	CHR12:2418373	SSF x Near_LoA	-6,979	-0,024	0,299
CHR12	2423673	CHR12:2423673	SSF x Near_LoA	-9,614	-0,070	0,278
CHR12	2424007	CHR12:2424007	SSF x Near_LoA	-7,558	-0,047	0,295
CHR12	2436949	CHR12:2436949	SSF x Near_LoA	-7,693	0,023	0,279
CHR12	2436973	CHR12:2436973	SSF x Near_LoA	-8,213	-0,026	0,282
CHR12	2437206	CHR12:2437206	SSF x Near_LoA	-7,681	-0,081	0,284
CHR12	2458880	CHR12:2458880	SSF x Near_LoA	-7,444	0,088	0,289
CHR12	2458902	CHR12:2458902	SSF x Near_LoA	-9,168	0,083	0,284
CHR12	2485674	CHR12:2485674	SSF x Near_LoA	-7,684	0,072	0,294
CHR12	2485693	CHR12:2485693	SSF x Near_LoA	-7,189	0,094	0,290
CHR12	2485714	CHR12:2485714	SSF x Near_LoA	-8,588	0,006	0,300
CHR12	2485743	CHR12:2485743	SSF x Near_LoA	-7,428	0,055	0,302
CHR12	2485767	CHR12:2485767	SSF x Near_LoA	-7,330	0,030	0,298
CHR12	2486965	CHR12:2486965	SSF x Near_LoA	-8,408	0,052	0,271
CHR12	2490137	CHR12:2490137	SSF x Near_LoA	-9,582	0,033	0,290
CHR12	2492111	CHR12:2492111	SSF x Near_LoA	-7,947	0,049	0,287
CHR12	2526641	CHR12:2526641	SSF x Near_LoA	-7,808	0,048	0,291
CHR12	2527004	CHR12:2527004	SSF x Near_LoA	-7,564	0,104	0,305
CHR12	2536526	CHR12:2536526	SSF x Near_LoA	-8,255	0,011	0,268
CHR12	2536551	CHR12:2536551	SSF x Near_LoA	-9,677	-0,011	0,285
CHR12	2536572	CHR12:2536572	SSF x Near_LoA	-6,802	-0,105	0,281
CHR12	2536615	CHR12:2536615	SSF x Near_LoA	-8,580	-0,028	0,290
CHR12	2536645	CHR12:2536645	SSF x Near_LoA	-6,652	-0,023	0,276
CHR12	2536647	CHR12:2536647	SSF x Near_LoA	-6,941	0,125	0,272
CHR12	2536712	CHR12:2536712	SSF x Near_LoA	-6,438	-0,106	0,271
CHR12	2536725	CHR12:2536725	SSF x Near_LoA	-6,705	-0,120	0,289
CHR12	2536825	CHR12:2536825	SSF x Near_LoA	-11,105	-0,018	0,294
CHR12	2556902	CHR12:2556902	SSF x Near_LoA	-8,988	-0,031	0,283
CHR12	2557437	CHR12:2557437	SSF x Near_LoA	-5,408	0,151	0,298
CHR12	2585061	CHR12:2585061	SSF x Near_LoA	-6,385	0,028	0,295
CHR12	2585165	CHR12:2585165	SSF x Near_LoA	-6,158	-0,022	0,289
CHR12	2585213	CHR12:2585213	SSF x Near_LoA	-10,425	0,009	0,290
CHR12	2585273	CHR12:2585273	SSF x Near_LoA	-8,235	0,160	0,277
CHR12	2591712	CHR12:2591712	SSF x Near_LoA	-2,140	0,151	0,295
CHR12	2591985	CHR12:2591985	SSF x Near_LoA	-8,218	-0,058	0,294
CHR12	2591996	CHR12:2591996	SSF x Near_LoA	-4,502	-0,116	0,287
CHR12	2592032	CHR12:2592032	SSF x Near_LoA	-8,390	0,048	0,287
CHR12	2607530	CHR12:2607530	SSF x Near_LoA	-8,535	0,132	0,278
CHR12	2607534	CHR12:2607534	SSF x Near_LoA	-10,003	-0,001	0,282
CHR12	2607675	CHR12:2607675	SSF x Near_LoA	-4,401	0,021	0,296
CHR12	2607695	CHR12:2607695	SSF x Near_LoA	-7,427	0,028	0,294
CHR12	2607735	CHR12:2607735	SSF x Near_LoA	-7,678	0,045	0,294
CHR12	2609747	CHR12:2609747	SSF x Near_LoA	-9,055	-0,040	0,292
CHR12	2609810	CHR12:2609810	SSF x Near_LoA	-2,474	0,075	0,279
CHR12	2611374	CHR12:2611374	SSF x Near_LoA	-10,765	-0,005	0,276
CHR12	2611453	CHR12:2611453	SSF x Near_LoA	-5,466	-0,154	0,265
CHR12	2611483	CHR12:2611483	SSF x Near_LoA	-5,501	-0,121	0,290
CHR12	2614749	CHR12:2614749	SSF x Near_LoA	-7,455	0,087	0,284
CHR12	2614752	CHR12:2614752	SSF x Near_LoA	-7,969	0,051	0,291

CHR12	2614874	CHR12:2614874	SSF x Near_LoA	-9,618	0,046	0,272
CHR12	2614976	CHR12:2614976	SSF x Near_LoA	-11,234	0,005	0,276
CHR12	2621094	CHR12:2621094	SSF x Near_LoA	-8,745	-0,106	0,294
CHR12	2624825	CHR12:2624825	SSF x Near_LoA	-7,509	0,203	0,281
CHR12	2650252	CHR12:2650252	SSF x Near_LoA	-4,684	0,140	0,298
CHR12	2686687	CHR12:2686687	SSF x Near_LoA	-4,982	-0,082	0,279
CHR12	2686703	CHR12:2686703	SSF x Near_LoA	-8,324	-0,082	0,288
CHR12	2697723	CHR12:2697723	SSF x Near_LoA	-8,177	-0,069	0,287
CHR12	2697763	CHR12:2697763	SSF x Near_LoA	-10,374	-0,084	0,285
CHR12	2702998	CHR12:2702998	SSF x Near_LoA	-8,115	-0,121	0,279
CHR12	2726144	CHR12:2726144	SSF x Near_LoA	-7,675	0,003	0,283
CHR12	2729291	CHR12:2729291	SSF x Near_LoA	-7,448	0,112	0,284
CHR12	2729319	CHR12:2729319	SSF x Near_LoA	-7,924	0,078	0,293
CHR12	2736110	CHR12:2736110	SSF x Near_LoA	-8,420	0,012	0,287
CHR12	2762011	CHR12:2762011	SSF x Near_LoA	-8,308	0,055	0,282
CHR12	2772844	CHR12:2772844	SSF x Near_LoA	-9,507	-0,039	0,290
CHR12	2772914	CHR12:2772914	SSF x Near_LoA	-9,104	-0,023	0,279
CHR12	2773127	CHR12:2773127	SSF x Near_LoA	-10,110	-0,040	0,300
CHR12	2792993	CHR12:2792993	SSF x Near_LoA	-7,425	0,024	0,293
CHR12	2793482	CHR12:2793482	SSF x Near_LoA	-7,359	-0,119	0,296
CHR12	2793491	CHR12:2793491	SSF x Near_LoA	-9,245	-0,059	0,291
CHR12	2814051	CHR12:2814051	SSF x Near_LoA	-7,013	0,164	0,267
CHR12	2814093	CHR12:2814093	SSF x Near_LoA	-9,948	0,041	0,307
CHR12	2814184	CHR12:2814184	SSF x Near_LoA	-9,366	-0,020	0,289
CHR12	2814445	CHR12:2814445	SSF x Near_LoA	-8,392	0,059	0,277
CHR12	2814447	CHR12:2814447	SSF x Near_LoA	-8,688	0,074	0,281
CHR12	2815458	CHR12:2815458	SSF x Near_LoA	3,206	-0,164	0,285
CHR12	2815472	CHR12:2815472	SSF x Near_LoA	-8,252	-0,022	0,283
CHR12	2827757	CHR12:2827757	SSF x Near_LoA	-8,361	-0,088	0,293
CHR12	2827760	CHR12:2827760	SSF x Near_LoA	-8,101	-0,132	0,275
CHR12	2827764	CHR12:2827764	SSF x Near_LoA	-8,502	-0,098	0,275
CHR12	2827767	CHR12:2827767	SSF x Near_LoA	-7,744	0,088	0,285
CHR12	2827779	CHR12:2827779	SSF x Near_LoA	-8,139	0,076	0,261
CHR12	2827798	CHR12:2827798	SSF x Near_LoA	-6,514	-0,102	0,272
CHR12	2831121	CHR12:2831121	SSF x Near_LoA	-7,375	0,086	0,308
CHR12	2831129	CHR12:2831129	SSF x Near_LoA	-6,700	0,089	0,285
CHR12	2839038	CHR12:2839038	SSF x Near_LoA	-8,422	0,017	0,295
CHR12	2839090	CHR12:2839090	SSF x Near_LoA	-8,532	-0,044	0,263
CHR12	2839096	CHR12:2839096	SSF x Near_LoA	-9,793	-0,011	0,283
CHR12	2839109	CHR12:2839109	SSF x Near_LoA	-7,626	-0,073	0,288
CHR12	2839144	CHR12:2839144	SSF x Near_LoA	-8,705	-0,022	0,284
CHR12	2840258	CHR12:2840258	SSF x Near_LoA	-7,055	-0,129	0,290
CHR12	2840289	CHR12:2840289	SSF x Near_LoA	-8,272	-0,053	0,285
CHR12	2840302	CHR12:2840302	SSF x Near_LoA	-8,921	0,083	0,268
CHR12	2868157	CHR12:2868157	SSF x Near_LoA	-8,506	0,137	0,284
CHR12	2868207	CHR12:2868207	SSF x Near_LoA	-7,206	-0,170	0,293
CHR12	2891987	CHR12:2891987	SSF x Near_LoA	-11,006	0,012	0,294
CHR12	2892071	CHR12:2892071	SSF x Near_LoA	-6,764	-0,050	0,290
CHR12	2913781	CHR12:2913781	SSF x Near_LoA	-4,896	0,163	0,275
CHR12	2913811	CHR12:2913811	SSF x Near_LoA	-9,506	0,065	0,291
CHR12	2923554	CHR12:2923554	SSF x Near_LoA	-8,647	0,092	0,289
CHR12	2930074	CHR12:2930074	SSF x Near_LoA	-8,710	0,022	0,290
CHR12	2930099	CHR12:2930099	SSF x Near_LoA	-7,827	0,094	0,282

CHR12	2931498	CHR12:2931498	SSF x Near_LoA	-10,495	0,023	0,291
CHR12	2944445	CHR12:2944445	SSF x Near_LoA	-3,559	-0,124	0,277
CHR12	2944500	CHR12:2944500	SSF x Near_LoA	-9,495	0,064	0,275
CHR12	2944591	CHR12:2944591	SSF x Near_LoA	-10,344	-0,099	0,289
CHR12	2944620	CHR12:2944620	SSF x Near_LoA	-8,733	-0,072	0,269
CHR12	2944643	CHR12:2944643	SSF x Near_LoA	-5,753	-0,151	0,274
CHR12	2965859	CHR12:2965859	SSF x Near_LoA	-5,463	-0,147	0,270
CHR12	2965870	CHR12:2965870	SSF x Near_LoA	-8,493	0,111	0,278
CHR12	2965877	CHR12:2965877	SSF x Near_LoA	-6,989	-0,083	0,272
CHR12	2965884	CHR12:2965884	SSF x Near_LoA	-6,695	0,088	0,267
CHR12	2965896	CHR12:2965896	SSF x Near_LoA	-6,178	-0,191	0,285
CHR12	2965898	CHR12:2965898	SSF x Near_LoA	-3,028	-0,185	0,274
CHR12	2965935	CHR12:2965935	SSF x Near_LoA	-6,292	0,170	0,272
CHR12	2965954	CHR12:2965954	SSF x Near_LoA	-8,336	-0,204	0,276
CHR12	2966705	CHR12:2966705	SSF x Near_LoA	-0,629	-0,233	0,273
CHR12	2966728	CHR12:2966728	SSF x Near_LoA	-8,877	0,085	0,277
CHR12	2966785	CHR12:2966785	SSF x Near_LoA	-7,763	-0,028	0,276
CHR12	2966891	CHR12:2966891	SSF x Near_LoA	-9,060	-0,019	0,290
CHR12	2978111	CHR12:2978111	SSF x Near_LoA	-7,633	-0,148	0,286
CHR12	2993027	CHR12:2993027	SSF x Near_LoA	-9,489	-0,089	0,296
CHR12	2993171	CHR12:2993171	SSF x Near_LoA	-8,097	-0,160	0,283
CHR12	2996726	CHR12:2996726	SSF x Near_LoA	-10,535	0,042	0,286
CHR12	2996744	CHR12:2996744	SSF x Near_LoA	6,585	0,043	0,292
CHR12	2996873	CHR12:2996873	SSF x Near_LoA	-8,645	-0,017	0,295
CHR12	2996945	CHR12:2996945	SSF x Near_LoA	-8,032	-0,020	0,281
CHR12	3004198	CHR12:3004198	SSF x Near_LoA	-10,166	-0,042	0,287
CHR12	3019437	CHR12:3019437	SSF x Near_LoA	-10,064	0,100	0,257
CHR12	3019449	CHR12:3019449	SSF x Near_LoA	-10,026	0,095	0,275
CHR12	3019465	CHR12:3019465	SSF x Near_LoA	-10,611	0,091	0,269
CHR12	3019503	CHR12:3019503	SSF x Near_LoA	-5,806	0,074	0,298
CHR12	3019513	CHR12:3019513	SSF x Near_LoA	-7,881	-0,050	0,269
CHR12	3031306	CHR12:3031306	SSF x Near_LoA	-8,118	0,084	0,287
CHR12	3031373	CHR12:3031373	SSF x Near_LoA	-6,953	-0,095	0,271
CHR12	3031380	CHR12:3031380	SSF x Near_LoA	-7,059	-0,078	0,282
CHR12	3031387	CHR12:3031387	SSF x Near_LoA	-10,686	0,037	0,278
CHR12	3031410	CHR12:3031410	SSF x Near_LoA	-9,409	-0,019	0,291
CHR12	3031514	CHR12:3031514	SSF x Near_LoA	-8,061	0,155	0,282
CHR12	3040844	CHR12:3040844	SSF x Near_LoA	-6,594	0,129	0,286
CHR12	3040845	CHR12:3040845	SSF x Near_LoA	-7,795	0,079	0,271
CHR12	3040940	CHR12:3040940	SSF x Near_LoA	-8,186	0,005	0,291
CHR12	3048796	CHR12:3048796	SSF x Near_LoA	-7,136	-0,106	0,273
CHR12	3048806	CHR12:3048806	SSF x Near_LoA	-2,883	-0,079	0,272
CHR12	3048822	CHR12:3048822	SSF x Near_LoA	-10,485	-0,040	0,262
CHR12	3048879	CHR12:3048879	SSF x Near_LoA	-8,460	-0,062	0,279
CHR12	3055822	CHR12:3055822	SSF x Near_LoA	-10,307	-0,034	0,284
CHR12	3055825	CHR12:3055825	SSF x Near_LoA	11,335	0,133	0,282
CHR12	3055829	CHR12:3055829	SSF x Near_LoA	-9,883	0,038	0,292
CHR12	3055843	CHR12:3055843	SSF x Near_LoA	-10,790	0,000	0,289
CHR12	3055907	CHR12:3055907	SSF x Near_LoA	-10,770	0,004	0,271
CHR12	3062576	CHR12:3062576	SSF x Near_LoA	-7,439	-0,157	0,289
CHR12	3064360	CHR12:3064360	SSF x Near_LoA	-5,018	0,142	0,292
CHR12	3064405	CHR12:3064405	SSF x Near_LoA	-1,391	-0,165	0,286
CHR12	3064434	CHR12:3064434	SSF x Near_LoA	-8,560	0,066	0,295

CHR12	3064449	CHR12:3064449	SSF x Near_LoA	-8,525	-0,077	0,292
CHR12	3064450	CHR12:3064450	SSF x Near_LoA	-4,519	-0,052	0,315
CHR12	3066982	CHR12:3066982	SSF x Near_LoA	-10,108	-0,023	0,281
CHR12	3080299	CHR12:3080299	SSF x Near_LoA	-10,472	-0,024	0,286
CHR12	3080362	CHR12:3080362	SSF x Near_LoA	-10,337	0,005	0,282
CHR12	3117989	CHR12:3117989	SSF x Near_LoA	-7,561	-0,119	0,297
CHR12	3118099	CHR12:3118099	SSF x Near_LoA	-7,012	-0,086	0,292
CHR12	3141274	CHR12:3141274	SSF x Near_LoA	-8,650	0,095	0,282
CHR12	3141397	CHR12:3141397	SSF x Near_LoA	-3,173	0,155	0,275
CHR12	3175064	CHR12:3175064	SSF x Near_LoA	-7,537	-0,108	0,289
CHR12	3185127	CHR12:3185127	SSF x Near_LoA	-7,439	-0,049	0,274
CHR12	3193698	CHR12:3193698	SSF x Near_LoA	-7,285	-0,093	0,303
CHR12	3238939	CHR12:3238939	SSF x Near_LoA	1,629	-0,255	0,268
CHR12	3243081	CHR12:3243081	SSF x Near_LoA	-9,163	0,051	0,284
CHR12	3250376	CHR12:3250376	SSF x Near_LoA	-8,235	-0,034	0,283
CHR12	3268896	CHR12:3268896	SSF x Near_LoA	-5,763	-0,088	0,275
CHR12	3269150	CHR12:3269150	SSF x Near_LoA	-10,415	-0,063	0,286
CHR12	3299170	CHR12:3299170	SSF x Near_LoA	-10,129	0,044	0,278
CHR12	3299171	CHR12:3299171	SSF x Near_LoA	-9,430	-0,081	0,281
CHR12	3307177	CHR12:3307177	SSF x Near_LoA	-7,666	0,103	0,287
CHR12	3307347	CHR12:3307347	SSF x Near_LoA	-9,568	-0,051	0,291
CHR12	3315013	CHR12:3315013	SSF x Near_LoA	-5,855	-0,111	0,286
CHR12	3316117	CHR12:3316117	SSF x Near_LoA	-9,508	0,005	0,265
CHR12	3319929	CHR12:3319929	SSF x Near_LoA	-7,598	0,077	0,297
CHR12	3327967	CHR12:3327967	SSF x Near_LoA	-5,867	0,101	0,276
CHR12	3343424	CHR12:3343424	SSF x Near_LoA	-2,111	-0,250	0,270
CHR12	3343564	CHR12:3343564	SSF x Near_LoA	-6,162	-0,034	0,286
CHR12	3343577	CHR12:3343577	SSF x Near_LoA	-2,153	0,196	0,275
CHR12	3343631	CHR12:3343631	SSF x Near_LoA	-10,488	0,015	0,287
CHR12	3356296	CHR12:3356296	SSF x Near_LoA	-8,557	-0,078	0,283
CHR12	3356330	CHR12:3356330	SSF x Near_LoA	-7,706	-0,043	0,266
CHR12	3357883	CHR12:3357883	SSF x Near_LoA	1,250	-0,097	0,276
CHR12	3357964	CHR12:3357964	SSF x Near_LoA	-8,620	-0,057	0,289
CHR12	3360627	CHR12:3360627	SSF x Near_LoA	-8,069	0,028	0,291
CHR12	3360668	CHR12:3360668	SSF x Near_LoA	-7,292	-0,011	0,299
CHR12	3360673	CHR12:3360673	SSF x Near_LoA	-7,391	0,160	0,272
CHR12	3361584	CHR12:3361584	SSF x Near_LoA	-8,122	0,049	0,288
CHR12	3361615	CHR12:3361615	SSF x Near_LoA	-7,877	0,075	0,288
CHR12	3361625	CHR12:3361625	SSF x Near_LoA	-7,128	0,093	0,277
CHR12	3361640	CHR12:3361640	SSF x Near_LoA	-7,930	0,030	0,295
CHR12	3388747	CHR12:3388747	SSF x Near_LoA	-9,474	0,052	0,280
CHR12	3388757	CHR12:3388757	SSF x Near_LoA	-1,007	0,063	0,304
CHR12	3394287	CHR12:3394287	SSF x Near_LoA	-10,249	-0,055	0,290
CHR12	3394301	CHR12:3394301	SSF x Near_LoA	-7,980	0,032	0,289
CHR12	3394362	CHR12:3394362	SSF x Near_LoA	-9,385	0,049	0,291
CHR12	3394386	CHR12:3394386	SSF x Near_LoA	-7,917	0,028	0,292
CHR12	3394388	CHR12:3394388	SSF x Near_LoA	-9,157	0,077	0,290
CHR12	3394440	CHR12:3394440	SSF x Near_LoA	-8,470	0,008	0,294
CHR12	3394451	CHR12:3394451	SSF x Near_LoA	-9,035	0,063	0,286
CHR12	3394452	CHR12:3394452	SSF x Near_LoA	-6,115	-0,153	0,297
CHR12	3403363	CHR12:3403363	SSF x Near_LoA	-7,663	0,043	0,279
CHR12	3410866	CHR12:3410866	SSF x Near_LoA	-4,848	-0,215	0,274
CHR12	3414158	CHR12:3414158	SSF x Near_LoA	-8,950	0,072	0,297

CHR12	3414361	CHR12:3414361	SSF x Near_LoA	-7,519	0,001	0,280
CHR12	3414384	CHR12:3414384	SSF x Near_LoA	-10,343	-0,024	0,277
CHR12	3417537	CHR12:3417537	SSF x Near_LoA	-9,106	0,030	0,283
CHR12	3417599	CHR12:3417599	SSF x Near_LoA	-6,285	-0,079	0,286
CHR12	3417670	CHR12:3417670	SSF x Near_LoA	-10,126	-0,098	0,273
CHR12	3427877	CHR12:3427877	SSF x Near_LoA	-6,742	-0,027	0,289
CHR12	3427901	CHR12:3427901	SSF x Near_LoA	-9,620	-0,061	0,305
CHR12	3427921	CHR12:3427921	SSF x Near_LoA	-6,055	-0,018	0,298
CHR12	3427928	CHR12:3427928	SSF x Near_LoA	-8,420	-0,048	0,281
CHR12	3428027	CHR12:3428027	SSF x Near_LoA	-8,405	0,060	0,286
CHR12	3428056	CHR12:3428056	SSF x Near_LoA	-8,453	0,061	0,296
CHR12	3429999	CHR12:3429999	SSF x Near_LoA	-8,020	-0,082	0,292
CHR12	3430007	CHR12:3430007	SSF x Near_LoA	-9,744	0,110	0,277
CHR12	3430009	CHR12:3430009	SSF x Near_LoA	-10,026	0,089	0,278
CHR12	3430102	CHR12:3430102	SSF x Near_LoA	-8,753	-0,072	0,296
CHR12	3430113	CHR12:3430113	SSF x Near_LoA	-8,686	-0,084	0,274
CHR12	3430114	CHR12:3430114	SSF x Near_LoA	-7,063	-0,078	0,276
CHR12	3430118	CHR12:3430118	SSF x Near_LoA	-7,999	0,060	0,269
CHR12	3437847	CHR12:3437847	SSF x Near_LoA	-5,030	-0,156	0,284
CHR12	3437982	CHR12:3437982	SSF x Near_LoA	-9,566	0,118	0,276
CHR12	3438264	CHR12:3438264	SSF x Near_LoA	-5,707	0,197	0,279
CHR12	3446167	CHR12:3446167	SSF x Near_LoA	-8,120	-0,033	0,292
CHR12	3446218	CHR12:3446218	SSF x Near_LoA	-6,981	0,057	0,297
CHR12	3446238	CHR12:3446238	SSF x Near_LoA	-7,565	0,029	0,288
CHR12	3474334	CHR12:3474334	SSF x Near_LoA	-6,810	0,075	0,302
CHR12	3474599	CHR12:3474599	SSF x Near_LoA	-10,108	0,001	0,295
CHR12	3474618	CHR12:3474618	SSF x Near_LoA	-8,543	-0,110	0,293
CHR12	3488280	CHR12:3488280	SSF x Near_LoA	-8,312	0,078	0,291
CHR12	3488284	CHR12:3488284	SSF x Near_LoA	-8,855	0,059	0,275
CHR12	3488347	CHR12:3488347	SSF x Near_LoA	-10,627	-0,051	0,291
CHR12	3489701	CHR12:3489701	SSF x Near_LoA	-8,025	0,147	0,296
CHR12	3493793	CHR12:3493793	SSF x Near_LoA	-7,417	-0,110	0,275
CHR12	3493973	CHR12:3493973	SSF x Near_LoA	-6,135	-0,096	0,273
CHR12	3494041	CHR12:3494041	SSF x Near_LoA	-6,381	0,041	0,305
CHR12	350693	CHR12:350693	SSF x Near_LoA	-6,538	-0,218	0,276
CHR12	3509709	CHR12:3509709	SSF x Near_LoA	-7,605	0,065	0,294
CHR12	3509711	CHR12:3509711	SSF x Near_LoA	-8,886	0,007	0,286
CHR12	3509779	CHR12:3509779	SSF x Near_LoA	-4,994	0,105	0,290
CHR12	3515658	CHR12:3515658	SSF x Near_LoA	-9,751	0,065	0,293
CHR12	3515755	CHR12:3515755	SSF x Near_LoA	-8,769	0,025	0,284
CHR12	3532335	CHR12:3532335	SSF x Near_LoA	-9,206	-0,040	0,295
CHR12	3537142	CHR12:3537142	SSF x Near_LoA	-8,118	0,090	0,291
CHR12	3537212	CHR12:3537212	SSF x Near_LoA	-6,383	-0,067	0,292
CHR12	3537223	CHR12:3537223	SSF x Near_LoA	-9,484	0,038	0,270
CHR12	3576336	CHR12:3576336	SSF x Near_LoA	-8,542	0,062	0,288
CHR12	3578943	CHR12:3578943	SSF x Near_LoA	-6,500	0,104	0,285
CHR12	3578974	CHR12:3578974	SSF x Near_LoA	-7,364	0,050	0,295
CHR12	3579023	CHR12:3579023	SSF x Near_LoA	-6,076	0,073	0,290
CHR12	3579063	CHR12:3579063	SSF x Near_LoA	-7,128	0,109	0,292
CHR12	3579107	CHR12:3579107	SSF x Near_LoA	-5,894	-0,072	0,292
CHR12	3579113	CHR12:3579113	SSF x Near_LoA	-9,687	-0,085	0,291
CHR12	3579125	CHR12:3579125	SSF x Near_LoA	-7,060	0,060	0,302
CHR12	3579152	CHR12:3579152	SSF x Near_LoA	-4,133	0,223	0,270

CHR12	3582051	CHR12:3582051	SSF x Near_LoA	-8,972	0,056	0,286
CHR12	3582052	CHR12:3582052	SSF x Near_LoA	-7,453	0,049	0,282
CHR12	3590008	CHR12:3590008	SSF x Near_LoA	-5,626	0,106	0,288
CHR12	3597103	CHR12:3597103	SSF x Near_LoA	-4,837	-0,159	0,278
CHR12	360047	CHR12:360047	SSF x Near_LoA	-7,830	-0,175	0,280
CHR12	3652761	CHR12:3652761	SSF x Near_LoA	-7,543	-0,007	0,286
CHR12	3730654	CHR12:3730654	SSF x Near_LoA	-8,631	0,120	0,293
CHR12	3730706	CHR12:3730706	SSF x Near_LoA	-5,439	-0,151	0,290
CHR12	3734053	CHR12:3734053	SSF x Near_LoA	-7,003	-0,070	0,291
CHR12	3734058	CHR12:3734058	SSF x Near_LoA	-6,935	-0,074	0,278
CHR12	3734070	CHR12:3734070	SSF x Near_LoA	-9,040	-0,087	0,281
CHR12	3734086	CHR12:3734086	SSF x Near_LoA	-5,674	-0,205	0,283
CHR12	3734121	CHR12:3734121	SSF x Near_LoA	-8,518	0,112	0,272
CHR12	3734146	CHR12:3734146	SSF x Near_LoA	-7,101	-0,066	0,295
CHR12	3734153	CHR12:3734153	SSF x Near_LoA	-5,720	-0,033	0,296
CHR12	3737374	CHR12:3737374	SSF x Near_LoA	-5,595	0,144	0,297
CHR12	3737465	CHR12:3737465	SSF x Near_LoA	0,892	-0,276	0,265
CHR12	3737574	CHR12:3737574	SSF x Near_LoA	-7,589	-0,128	0,275
CHR12	3737632	CHR12:3737632	SSF x Near_LoA	-7,227	0,047	0,283
CHR12	3737656	CHR12:3737656	SSF x Near_LoA	-7,836	0,044	0,278
CHR12	3749799	CHR12:3749799	SSF x Near_LoA	-10,352	-0,018	0,305
CHR12	3751983	CHR12:3751983	SSF x Near_LoA	-9,786	-0,036	0,274
CHR12	3762503	CHR12:3762503	SSF x Near_LoA	-8,752	0,032	0,300
CHR12	3762650	CHR12:3762650	SSF x Near_LoA	-6,337	0,134	0,282
CHR12	3762808	CHR12:3762808	SSF x Near_LoA	-8,948	0,095	0,294
CHR12	3762823	CHR12:3762823	SSF x Near_LoA	-7,855	0,175	0,282
CHR12	3802304	CHR12:3802304	SSF x Near_LoA	-3,831	0,178	0,278
CHR12	3802393	CHR12:3802393	SSF x Near_LoA	-10,196	-0,033	0,293
CHR12	3802395	CHR12:3802395	SSF x Near_LoA	-9,727	0,033	0,289
CHR12	3802474	CHR12:3802474	SSF x Near_LoA	-10,478	-0,063	0,276
CHR12	3802750	CHR12:3802750	SSF x Near_LoA	-4,556	-0,043	0,283
CHR12	3802773	CHR12:3802773	SSF x Near_LoA	-2,865	0,146	0,279
CHR12	3802774	CHR12:3802774	SSF x Near_LoA	-5,925	0,108	0,276
CHR12	3814551	CHR12:3814551	SSF x Near_LoA	-7,809	-0,063	0,288
CHR12	3814653	CHR12:3814653	SSF x Near_LoA	-6,303	-0,045	0,293
CHR12	3814686	CHR12:3814686	SSF x Near_LoA	-7,665	-0,032	0,295
CHR12	3826136	CHR12:3826136	SSF x Near_LoA	-8,906	0,093	0,289
CHR12	3826366	CHR12:3826366	SSF x Near_LoA	0,851	0,144	0,284
CHR12	3849043	CHR12:3849043	SSF x Near_LoA	-9,149	0,071	0,283
CHR12	3849133	CHR12:3849133	SSF x Near_LoA	-10,321	-0,056	0,294
CHR12	3861417	CHR12:3861417	SSF x Near_LoA	-8,450	0,145	0,292
CHR12	3861466	CHR12:3861466	SSF x Near_LoA	-0,297	-0,190	0,280
CHR12	3861557	CHR12:3861557	SSF x Near_LoA	-7,974	-0,079	0,276
CHR12	3861702	CHR12:3861702	SSF x Near_LoA	-6,407	0,170	0,285
CHR12	3861709	CHR12:3861709	SSF x Near_LoA	-6,541	-0,197	0,281
CHR12	3879291	CHR12:3879291	SSF x Near_LoA	1,336	-0,299	0,255
CHR12	3917042	CHR12:3917042	SSF x Near_LoA	-8,592	0,095	0,291
CHR12	3918435	CHR12:3918435	SSF x Near_LoA	-3,258	0,061	0,281
CHR12	3919832	CHR12:3919832	SSF x Near_LoA	-3,275	0,235	0,272
CHR12	3919838	CHR12:3919838	SSF x Near_LoA	-8,513	0,146	0,274
CHR12	3919848	CHR12:3919848	SSF x Near_LoA	-1,660	-0,246	0,268
CHR12	3920007	CHR12:3920007	SSF x Near_LoA	-7,952	0,153	0,287
CHR12	3921829	CHR12:3921829	SSF x Near_LoA	-2,338	-0,165	0,284

CHR12	3926792	CHR12:3926792	SSF x Near_LoA	-8,515	0,024	0,309
CHR12	3926872	CHR12:3926872	SSF x Near_LoA	-7,392	-0,088	0,286
CHR12	3926886	CHR12:3926886	SSF x Near_LoA	-7,089	0,022	0,288
CHR12	3926924	CHR12:3926924	SSF x Near_LoA	-8,443	0,019	0,290
CHR12	3926927	CHR12:3926927	SSF x Near_LoA	-8,050	-0,001	0,286
CHR12	3926993	CHR12:3926993	SSF x Near_LoA	-9,299	0,102	0,276
CHR12	3927062	CHR12:3927062	SSF x Near_LoA	-4,164	-0,113	0,287
CHR12	3927126	CHR12:3927126	SSF x Near_LoA	-8,762	-0,018	0,288
CHR12	3932370	CHR12:3932370	SSF x Near_LoA	-9,763	-0,106	0,279
CHR12	3987508	CHR12:3987508	SSF x Near_LoA	-7,693	-0,023	0,295
CHR12	3987551	CHR12:3987551	SSF x Near_LoA	-9,731	-0,090	0,282
CHR12	3992954	CHR12:3992954	SSF x Near_LoA	-8,371	0,064	0,283
CHR12	3993015	CHR12:3993015	SSF x Near_LoA	-10,120	0,057	0,297
CHR12	3993096	CHR12:3993096	SSF x Near_LoA	-10,064	-0,103	0,295
CHR12	4010968	CHR12:4010968	SSF x Near_LoA	-7,005	0,098	0,260
CHR12	4012713	CHR12:4012713	SSF x Near_LoA	5,414	-0,280	0,274
CHR12	4012801	CHR12:4012801	SSF x Near_LoA	-4,896	-0,123	0,291
CHR12	4012815	CHR12:4012815	SSF x Near_LoA	-9,277	-0,059	0,291
CHR12	4012842	CHR12:4012842	SSF x Near_LoA	-10,042	-0,033	0,281
CHR12	4012918	CHR12:4012918	SSF x Near_LoA	-9,254	0,072	0,260
CHR12	4012920	CHR12:4012920	SSF x Near_LoA	-9,212	0,099	0,275
CHR12	4012953	CHR12:4012953	SSF x Near_LoA	-8,458	-0,017	0,287
CHR12	4012959	CHR12:4012959	SSF x Near_LoA	-8,428	-0,048	0,302
CHR12	4012968	CHR12:4012968	SSF x Near_LoA	-5,959	-0,111	0,277
CHR12	4013045	CHR12:4013045	SSF x Near_LoA	-8,579	-0,056	0,295
CHR12	4017056	CHR12:4017056	SSF x Near_LoA	-8,861	-0,079	0,279
CHR12	4035635	CHR12:4035635	SSF x Near_LoA	-7,140	-0,095	0,283
CHR12	4063975	CHR12:4063975	SSF x Near_LoA	-10,210	0,047	0,280
CHR12	4076555	CHR12:4076555	SSF x Near_LoA	-9,891	-0,107	0,269
CHR12	4076642	CHR12:4076642	SSF x Near_LoA	-9,025	-0,103	0,277
CHR12	4083574	CHR12:4083574	SSF x Near_LoA	-8,819	0,068	0,300
CHR12	4130350	CHR12:4130350	SSF x Near_LoA	-9,777	0,029	0,288
CHR12	4130485	CHR12:4130485	SSF x Near_LoA	-9,550	-0,013	0,277
CHR12	4132331	CHR12:4132331	SSF x Near_LoA	-9,622	0,129	0,275
CHR12	4132450	CHR12:4132450	SSF x Near_LoA	-10,077	0,012	0,278
CHR12	4143740	CHR12:4143740	SSF x Near_LoA	-8,881	0,164	0,274
CHR12	4143897	CHR12:4143897	SSF x Near_LoA	-7,254	-0,060	0,289
CHR12	4143951	CHR12:4143951	SSF x Near_LoA	-6,083	0,018	0,295
CHR12	4190154	CHR12:4190154	SSF x Near_LoA	-6,606	-0,212	0,271
CHR12	4190220	CHR12:4190220	SSF x Near_LoA	1,675	-0,146	0,278
CHR12	4190235	CHR12:4190235	SSF x Near_LoA	-8,297	-0,137	0,297
CHR12	4190255	CHR12:4190255	SSF x Near_LoA	-8,968	0,012	0,274
CHR12	4191524	CHR12:4191524	SSF x Near_LoA	-10,610	-0,002	0,276
CHR12	4217005	CHR12:4217005	SSF x Near_LoA	-6,698	-0,161	0,282
CHR12	4217042	CHR12:4217042	SSF x Near_LoA	-6,191	-0,097	0,285
CHR12	4217055	CHR12:4217055	SSF x Near_LoA	-2,256	-0,125	0,292
CHR12	4217078	CHR12:4217078	SSF x Near_LoA	-5,254	-0,083	0,269
CHR12	4217155	CHR12:4217155	SSF x Near_LoA	-6,996	-0,090	0,289
CHR12	4237000	CHR12:4237000	SSF x Near_LoA	-1,520	-0,272	0,267
CHR12	4237024	CHR12:4237024	SSF x Near_LoA	-9,376	-0,075	0,288
CHR12	4249150	CHR12:4249150	SSF x Near_LoA	-9,506	-0,005	0,292
CHR12	4249264	CHR12:4249264	SSF x Near_LoA	-9,872	0,059	0,276
CHR12	4249267	CHR12:4249267	SSF x Near_LoA	-8,200	0,005	0,305

CHR12	4249354	CHR12:4249354	SSF x Near_LoA	-6,696	0,007	0,280
CHR12	4249444	CHR12:4249444	SSF x Near_LoA	-7,698	-0,022	0,299
CHR12	4253462	CHR12:4253462	SSF x Near_LoA	-7,085	0,079	0,275
CHR12	4253711	CHR12:4253711	SSF x Near_LoA	-9,298	-0,027	0,285
CHR12	4273796	CHR12:4273796	SSF x Near_LoA	-9,392	0,055	0,305
CHR12	4302715	CHR12:4302715	SSF x Near_LoA	-9,516	0,034	0,284
CHR12	4321049	CHR12:4321049	SSF x Near_LoA	-10,072	0,051	0,284
CHR12	4321092	CHR12:4321092	SSF x Near_LoA	-10,019	0,024	0,279
CHR12	4322449	CHR12:4322449	SSF x Near_LoA	-8,322	0,050	0,298
CHR12	4322559	CHR12:4322559	SSF x Near_LoA	-6,748	0,141	0,276
CHR12	4333069	CHR12:4333069	SSF x Near_LoA	-6,791	0,081	0,289
CHR12	4333375	CHR12:4333375	SSF x Near_LoA	-9,879	0,013	0,292
CHR12	4346265	CHR12:4346265	SSF x Near_LoA	-6,956	0,023	0,301
CHR12	4346280	CHR12:4346280	SSF x Near_LoA	-9,122	-0,074	0,295
CHR12	4346306	CHR12:4346306	SSF x Near_LoA	-7,602	-0,075	0,282
CHR12	4346347	CHR12:4346347	SSF x Near_LoA	0,591	0,179	0,279
CHR12	4346379	CHR12:4346379	SSF x Near_LoA	-10,223	-0,008	0,286
CHR12	435200	CHR12:435200	SSF x Near_LoA	-8,314	0,116	0,294
CHR12	435451	CHR12:435451	SSF x Near_LoA	-6,941	0,109	0,299
CHR12	4363260	CHR12:4363260	SSF x Near_LoA	-5,933	-0,069	0,296
CHR12	4379228	CHR12:4379228	SSF x Near_LoA	-2,848	-0,162	0,278
CHR12	4380739	CHR12:4380739	SSF x Near_LoA	-9,843	-0,063	0,286
CHR12	4413467	CHR12:4413467	SSF x Near_LoA	-10,218	-0,039	0,287
CHR12	4413611	CHR12:4413611	SSF x Near_LoA	-9,851	-0,061	0,288
CHR12	4426279	CHR12:4426279	SSF x Near_LoA	-10,155	-0,080	0,289
CHR12	4426311	CHR12:4426311	SSF x Near_LoA	-9,332	-0,097	0,295
CHR12	4426438	CHR12:4426438	SSF x Near_LoA	-8,390	-0,012	0,290
CHR12	4426461	CHR12:4426461	SSF x Near_LoA	-9,244	-0,045	0,290
CHR12	4429642	CHR12:4429642	SSF x Near_LoA	-7,597	-0,203	0,287
CHR12	4438188	CHR12:4438188	SSF x Near_LoA	-10,140	-0,071	0,277
CHR12	4438318	CHR12:4438318	SSF x Near_LoA	-9,592	-0,033	0,288
CHR12	4452250	CHR12:4452250	SSF x Near_LoA	-4,619	0,191	0,276
CHR12	4452329	CHR12:4452329	SSF x Near_LoA	-7,379	0,021	0,277
CHR12	4452368	CHR12:4452368	SSF x Near_LoA	-8,924	0,015	0,264
CHR12	4452397	CHR12:4452397	SSF x Near_LoA	-7,863	-0,017	0,281
CHR12	4475439	CHR12:4475439	SSF x Near_LoA	-9,350	-0,015	0,285
CHR12	4475483	CHR12:4475483	SSF x Near_LoA	-9,190	-0,043	0,297
CHR12	4475620	CHR12:4475620	SSF x Near_LoA	-5,694	-0,115	0,272
CHR12	4475642	CHR12:4475642	SSF x Near_LoA	-6,492	-0,139	0,276
CHR12	4484824	CHR12:4484824	SSF x Near_LoA	-9,208	0,006	0,284
CHR12	4493575	CHR12:4493575	SSF x Near_LoA	-10,147	0,013	0,298
CHR12	4493588	CHR12:4493588	SSF x Near_LoA	-7,757	0,072	0,286
CHR12	4493592	CHR12:4493592	SSF x Near_LoA	-10,599	0,007	0,285
CHR12	4493614	CHR12:4493614	SSF x Near_LoA	-10,815	0,036	0,286
CHR12	4493658	CHR12:4493658	SSF x Near_LoA	-2,538	0,052	0,291
CHR12	4507258	CHR12:4507258	SSF x Near_LoA	-10,437	-0,001	0,284
CHR12	4507294	CHR12:4507294	SSF x Near_LoA	-9,889	-0,057	0,286
CHR12	4507321	CHR12:4507321	SSF x Near_LoA	-7,503	-0,085	0,287
CHR12	4507322	CHR12:4507322	SSF x Near_LoA	-9,119	0,049	0,290
CHR12	4507365	CHR12:4507365	SSF x Near_LoA	-8,346	0,056	0,295
CHR12	4507478	CHR12:4507478	SSF x Near_LoA	-10,631	0,073	0,278
CHR12	4523407	CHR12:4523407	SSF x Near_LoA	-5,951	0,121	0,305
CHR12	4530520	CHR12:4530520	SSF x Near_LoA	-8,763	0,122	0,301

CHR12	4530941	CHR12:4530941	SSF x Near_LoA	-9,219	0,068	0,278
CHR12	4557608	CHR12:4557608	SSF x Near_LoA	-10,355	-0,031	0,305
CHR12	4557958	CHR12:4557958	SSF x Near_LoA	-7,012	0,123	0,282
CHR12	4563686	CHR12:4563686	SSF x Near_LoA	-9,042	0,022	0,290
CHR12	4563761	CHR12:4563761	SSF x Near_LoA	-9,722	0,087	0,283
CHR12	4568574	CHR12:4568574	SSF x Near_LoA	-5,486	0,047	0,281
CHR12	4568638	CHR12:4568638	SSF x Near_LoA	-3,991	0,149	0,283
CHR12	4577383	CHR12:4577383	SSF x Near_LoA	-7,649	0,008	0,294
CHR12	4577404	CHR12:4577404	SSF x Near_LoA	-7,257	-0,009	0,296
CHR12	4577423	CHR12:4577423	SSF x Near_LoA	-7,138	-0,004	0,296
CHR12	4577541	CHR12:4577541	SSF x Near_LoA	-5,809	-0,126	0,280
CHR12	4577594	CHR12:4577594	SSF x Near_LoA	-5,051	-0,199	0,269
CHR12	4577625	CHR12:4577625	SSF x Near_LoA	-4,342	-0,123	0,279
CHR12	4581746	CHR12:4581746	SSF x Near_LoA	-3,887	0,167	0,279
CHR12	4581786	CHR12:4581786	SSF x Near_LoA	-9,078	0,070	0,289
CHR12	4584858	CHR12:4584858	SSF x Near_LoA	-10,166	0,032	0,292
CHR12	4584879	CHR12:4584879	SSF x Near_LoA	-8,321	-0,097	0,279
CHR12	4584934	CHR12:4584934	SSF x Near_LoA	-10,008	0,077	0,288
CHR12	4584937	CHR12:4584937	SSF x Near_LoA	-8,548	0,036	0,286
CHR12	4584978	CHR12:4584978	SSF x Near_LoA	-6,395	-0,156	0,265
CHR12	4584993	CHR12:4584993	SSF x Near_LoA	-2,389	-0,220	0,282
CHR12	4584995	CHR12:4584995	SSF x Near_LoA	15,757	-0,234	0,280
CHR12	4585140	CHR12:4585140	SSF x Near_LoA	-9,649	0,153	0,268
CHR12	4585254	CHR12:4585254	SSF x Near_LoA	-7,750	-0,073	0,287
CHR12	459306	CHR12:459306	SSF x Near_LoA	-9,539	-0,066	0,294
CHR12	4600926	CHR12:4600926	SSF x Near_LoA	-5,096	0,023	0,284
CHR12	4637506	CHR12:4637506	SSF x Near_LoA	-9,602	-0,117	0,284
CHR12	4639364	CHR12:4639364	SSF x Near_LoA	-8,313	0,014	0,284
CHR12	4639380	CHR12:4639380	SSF x Near_LoA	-8,731	-0,004	0,299
CHR12	4641741	CHR12:4641741	SSF x Near_LoA	-7,671	0,005	0,275
CHR12	4641781	CHR12:4641781	SSF x Near_LoA	-9,365	-0,052	0,275
CHR12	4646765	CHR12:4646765	SSF x Near_LoA	-7,108	-0,098	0,277
CHR12	4646838	CHR12:4646838	SSF x Near_LoA	-8,311	-0,040	0,296
CHR12	4646850	CHR12:4646850	SSF x Near_LoA	-10,860	-0,015	0,295
CHR12	4659182	CHR12:4659182	SSF x Near_LoA	-7,986	-0,157	0,280
CHR12	4659201	CHR12:4659201	SSF x Near_LoA	-5,442	-0,047	0,292
CHR12	4659222	CHR12:4659222	SSF x Near_LoA	-7,550	-0,008	0,292
CHR12	4659226	CHR12:4659226	SSF x Near_LoA	-6,377	-0,167	0,298
CHR12	4659406	CHR12:4659406	SSF x Near_LoA	-8,562	0,153	0,285
CHR12	4660277	CHR12:4660277	SSF x Near_LoA	-5,681	0,109	0,311
CHR12	4682821	CHR12:4682821	SSF x Near_LoA	-8,774	-0,031	0,276
CHR12	4682945	CHR12:4682945	SSF x Near_LoA	-7,554	-0,005	0,294
CHR12	4689154	CHR12:4689154	SSF x Near_LoA	-8,854	0,105	0,280
CHR12	4689158	CHR12:4689158	SSF x Near_LoA	-6,675	0,123	0,281
CHR12	4689221	CHR12:4689221	SSF x Near_LoA	-2,943	0,182	0,279
CHR12	4689264	CHR12:4689264	SSF x Near_LoA	-7,721	-0,032	0,268
CHR12	4714236	CHR12:4714236	SSF x Near_LoA	-9,323	-0,022	0,275
CHR12	4714327	CHR12:4714327	SSF x Near_LoA	-7,776	-0,006	0,281
CHR12	4714369	CHR12:4714369	SSF x Near_LoA	-9,538	-0,115	0,270
CHR12	4714422	CHR12:4714422	SSF x Near_LoA	-6,654	0,065	0,289
CHR12	4730419	CHR12:4730419	SSF x Near_LoA	-8,881	0,079	0,284
CHR12	4730457	CHR12:4730457	SSF x Near_LoA	-4,332	0,128	0,301
CHR12	4730541	CHR12:4730541	SSF x Near_LoA	-6,102	-0,174	0,284

CHR12	4730596	CHR12:4730596	SSF x Near_LoA	-7,455	-0,073	0,290
CHR12	4730617	CHR12:4730617	SSF x Near_LoA	-10,177	0,036	0,279
CHR12	4764463	CHR12:4764463	SSF x Near_LoA	-9,597	-0,031	0,301
CHR12	4764645	CHR12:4764645	SSF x Near_LoA	-10,502	0,025	0,293
CHR12	4773712	CHR12:4773712	SSF x Near_LoA	-9,160	-0,065	0,283
CHR12	4773828	CHR12:4773828	SSF x Near_LoA	-8,693	0,039	0,295
CHR12	4773845	CHR12:4773845	SSF x Near_LoA	-7,786	0,072	0,281
CHR12	478232	CHR12:478232	SSF x Near_LoA	-6,685	-0,168	0,280
CHR12	478312	CHR12:478312	SSF x Near_LoA	-4,728	0,018	0,298
CHR12	4797552	CHR12:4797552	SSF x Near_LoA	-6,132	-0,148	0,267
CHR12	4797648	CHR12:4797648	SSF x Near_LoA	-6,203	-0,111	0,278
CHR12	4797656	CHR12:4797656	SSF x Near_LoA	-6,385	-0,106	0,277
CHR12	4797730	CHR12:4797730	SSF x Near_LoA	-7,770	0,064	0,285
CHR12	4800233	CHR12:4800233	SSF x Near_LoA	-9,629	0,041	0,282
CHR12	4800270	CHR12:4800270	SSF x Near_LoA	-8,933	0,032	0,289
CHR12	4800289	CHR12:4800289	SSF x Near_LoA	-7,244	0,002	0,291
CHR12	4800339	CHR12:4800339	SSF x Near_LoA	-9,217	0,034	0,291
CHR12	4800654	CHR12:4800654	SSF x Near_LoA	-2,831	-0,156	0,280
CHR12	4809421	CHR12:4809421	SSF x Near_LoA	-8,794	0,046	0,295
CHR12	4809672	CHR12:4809672	SSF x Near_LoA	-8,834	0,096	0,288
CHR12	4809673	CHR12:4809673	SSF x Near_LoA	-7,400	-0,003	0,298
CHR12	4814080	CHR12:4814080	SSF x Near_LoA	-8,447	0,025	0,270
CHR12	4814108	CHR12:4814108	SSF x Near_LoA	-5,355	0,074	0,280
CHR12	4814186	CHR12:4814186	SSF x Near_LoA	-7,334	-0,016	0,280
CHR12	4819473	CHR12:4819473	SSF x Near_LoA	-7,610	0,097	0,291
CHR12	4822032	CHR12:4822032	SSF x Near_LoA	-7,400	0,067	0,284
CHR12	4822041	CHR12:4822041	SSF x Near_LoA	-7,600	0,098	0,278
CHR12	4822061	CHR12:4822061	SSF x Near_LoA	-7,566	0,011	0,283
CHR12	4822184	CHR12:4822184	SSF x Near_LoA	-4,170	0,037	0,295
CHR12	4822193	CHR12:4822193	SSF x Near_LoA	-7,897	0,041	0,285
CHR12	4822204	CHR12:4822204	SSF x Near_LoA	-6,871	-0,165	0,267
CHR12	4825515	CHR12:4825515	SSF x Near_LoA	-8,796	-0,041	0,307
CHR12	4838060	CHR12:4838060	SSF x Near_LoA	-6,477	0,134	0,282
CHR12	4838071	CHR12:4838071	SSF x Near_LoA	-9,318	-0,029	0,276
CHR12	4838135	CHR12:4838135	SSF x Near_LoA	-5,568	-0,196	0,270
CHR12	4838145	CHR12:4838145	SSF x Near_LoA	-9,738	0,071	0,298
CHR12	4838180	CHR12:4838180	SSF x Near_LoA	-8,895	-0,135	0,271
CHR12	4838936	CHR12:4838936	SSF x Near_LoA	-8,406	-0,022	0,291
CHR12	4839148	CHR12:4839148	SSF x Near_LoA	-9,598	0,036	0,286
CHR12	4851838	CHR12:4851838	SSF x Near_LoA	-10,678	-0,022	0,288
CHR12	4863478	CHR12:4863478	SSF x Near_LoA	-7,491	0,040	0,299
CHR12	4863654	CHR12:4863654	SSF x Near_LoA	-9,210	0,054	0,275
CHR12	4863683	CHR12:4863683	SSF x Near_LoA	-10,263	0,025	0,294
CHR12	4863756	CHR12:4863756	SSF x Near_LoA	-10,549	0,006	0,288
CHR12	4863825	CHR12:4863825	SSF x Near_LoA	-7,947	-0,069	0,288
CHR12	4863888	CHR12:4863888	SSF x Near_LoA	-8,115	0,039	0,287
CHR12	4863909	CHR12:4863909	SSF x Near_LoA	-3,292	-0,127	0,276
CHR12	4893279	CHR12:4893279	SSF x Near_LoA	-9,444	0,059	0,282
CHR12	4912991	CHR12:4912991	SSF x Near_LoA	-7,114	-0,135	0,276
CHR12	4912998	CHR12:4912998	SSF x Near_LoA	-6,781	-0,128	0,280
CHR12	4913192	CHR12:4913192	SSF x Near_LoA	-6,727	0,062	0,291
CHR12	4925322	CHR12:4925322	SSF x Near_LoA	0,873	-0,206	0,263
CHR12	4925333	CHR12:4925333	SSF x Near_LoA	0,224	-0,233	0,263

CHR12	4925400	CHR12:4925400	SSF x Near_LoA	-6,713	0,113	0,280
CHR12	4925530	CHR12:4925530	SSF x Near_LoA	-2,157	-0,158	0,287
CHR12	4932412	CHR12:4932412	SSF x Near_LoA	-7,333	0,083	0,293
CHR12	4932447	CHR12:4932447	SSF x Near_LoA	-8,649	-0,008	0,271
CHR12	4932655	CHR12:4932655	SSF x Near_LoA	-7,365	0,105	0,294
CHR12	4932752	CHR12:4932752	SSF x Near_LoA	-8,646	0,043	0,279
CHR12	4933431	CHR12:4933431	SSF x Near_LoA	-8,325	-0,021	0,294
CHR12	4938491	CHR12:4938491	SSF x Near_LoA	-9,443	-0,031	0,293
CHR12	4938770	CHR12:4938770	SSF x Near_LoA	-4,611	0,118	0,286
CHR12	4938782	CHR12:4938782	SSF x Near_LoA	-8,207	0,015	0,284
CHR12	4940942	CHR12:4940942	SSF x Near_LoA	-7,040	-0,091	0,279
CHR12	4941017	CHR12:4941017	SSF x Near_LoA	-6,474	-0,112	0,278
CHR12	4941043	CHR12:4941043	SSF x Near_LoA	-9,879	-0,047	0,290
CHR12	4941073	CHR12:4941073	SSF x Near_LoA	-9,561	-0,018	0,307
CHR12	4941102	CHR12:4941102	SSF x Near_LoA	-6,022	0,052	0,288
CHR12	4941125	CHR12:4941125	SSF x Near_LoA	-7,908	-0,132	0,294
CHR12	4941139	CHR12:4941139	SSF x Near_LoA	-9,258	-0,076	0,289
CHR12	4941162	CHR12:4941162	SSF x Near_LoA	-8,259	0,114	0,291
CHR12	4941255	CHR12:4941255	SSF x Near_LoA	-7,199	-0,022	0,286
CHR12	495393	CHR12:495393	SSF x Near_LoA	-7,659	-0,102	0,292
CHR12	4969181	CHR12:4969181	SSF x Near_LoA	-9,361	0,141	0,266
CHR12	4969188	CHR12:4969188	SSF x Near_LoA	-4,079	-0,192	0,271
CHR12	4973454	CHR12:4973454	SSF x Near_LoA	-7,517	-0,157	0,276
CHR12	4973469	CHR12:4973469	SSF x Near_LoA	-7,457	0,045	0,281
CHR12	4977473	CHR12:4977473	SSF x Near_LoA	-10,153	0,032	0,273
CHR12	4989634	CHR12:4989634	SSF x Near_LoA	-7,260	-0,047	0,294
CHR12	4989659	CHR12:4989659	SSF x Near_LoA	-9,945	0,029	0,286
CHR12	4989679	CHR12:4989679	SSF x Near_LoA	-6,014	0,022	0,292
CHR12	4995135	CHR12:4995135	SSF x Near_LoA	-8,113	-0,056	0,280
CHR12	4997513	CHR12:4997513	SSF x Near_LoA	-5,719	-0,236	0,275
CHR12	4997576	CHR12:4997576	SSF x Near_LoA	-8,359	0,044	0,279
CHR12	4997713	CHR12:4997713	SSF x Near_LoA	-6,729	-0,024	0,298
CHR12	504233	CHR12:504233	SSF x Near_LoA	-7,193	0,099	0,273
CHR12	5055429	CHR12:5055429	SSF x Near_LoA	-8,739	0,068	0,279
CHR12	5055491	CHR12:5055491	SSF x Near_LoA	-8,321	0,020	0,296
CHR12	5055684	CHR12:5055684	SSF x Near_LoA	-10,385	0,056	0,270
CHR12	5055737	CHR12:5055737	SSF x Near_LoA	-8,213	0,059	0,293
CHR12	5055764	CHR12:5055764	SSF x Near_LoA	-0,105	0,059	0,298
CHR12	5065351	CHR12:5065351	SSF x Near_LoA	-9,004	-0,081	0,274
CHR12	5065374	CHR12:5065374	SSF x Near_LoA	-9,777	0,063	0,272
CHR12	5065392	CHR12:5065392	SSF x Near_LoA	-9,087	0,024	0,279
CHR12	5065397	CHR12:5065397	SSF x Near_LoA	-9,724	-0,022	0,282
CHR12	5065511	CHR12:5065511	SSF x Near_LoA	-10,474	0,025	0,281
CHR12	5081823	CHR12:5081823	SSF x Near_LoA	-8,510	-0,073	0,302
CHR12	5081863	CHR12:5081863	SSF x Near_LoA	-8,073	0,053	0,279
CHR12	5081880	CHR12:5081880	SSF x Near_LoA	-7,577	0,127	0,305
CHR12	5081933	CHR12:5081933	SSF x Near_LoA	4,719	-0,132	0,289
CHR12	5085027	CHR12:5085027	SSF x Near_LoA	-10,704	-0,046	0,290
CHR12	5100764	CHR12:5100764	SSF x Near_LoA	-5,787	0,201	0,275
CHR12	5100894	CHR12:5100894	SSF x Near_LoA	-7,578	0,026	0,290
CHR12	5100899	CHR12:5100899	SSF x Near_LoA	-10,198	0,055	0,282
CHR12	5108917	CHR12:5108917	SSF x Near_LoA	-10,012	0,016	0,288
CHR12	5109242	CHR12:5109242	SSF x Near_LoA	-5,340	0,188	0,278

CHR12	5149790	CHR12:5149790	SSF x Near_LoA	-5,661	0,002	0,276
CHR12	5149817	CHR12:5149817	SSF x Near_LoA	-9,417	0,102	0,285
CHR12	5149915	CHR12:5149915	SSF x Near_LoA	-5,736	0,135	0,276
CHR12	5150032	CHR12:5150032	SSF x Near_LoA	-6,703	0,129	0,293
CHR12	5150061	CHR12:5150061	SSF x Near_LoA	-7,445	-0,119	0,276
CHR12	5150062	CHR12:5150062	SSF x Near_LoA	-8,515	-0,064	0,289
CHR12	5150075	CHR12:5150075	SSF x Near_LoA	-4,287	0,192	0,279
CHR12	5150099	CHR12:5150099	SSF x Near_LoA	-6,239	-0,078	0,299
CHR12	5156534	CHR12:5156534	SSF x Near_LoA	-4,921	0,067	0,296
CHR12	5156593	CHR12:5156593	SSF x Near_LoA	-9,007	0,045	0,271
CHR12	5156796	CHR12:5156796	SSF x Near_LoA	-8,366	0,162	0,287
CHR12	5175280	CHR12:5175280	SSF x Near_LoA	-6,573	0,081	0,279
CHR12	5175532	CHR12:5175532	SSF x Near_LoA	-6,166	0,100	0,282
CHR12	5181638	CHR12:5181638	SSF x Near_LoA	-3,347	0,204	0,276
CHR12	5217315	CHR12:5217315	SSF x Near_LoA	-8,280	0,108	0,285
CHR12	5217406	CHR12:5217406	SSF x Near_LoA	-9,810	-0,011	0,299
CHR12	5217882	CHR12:5217882	SSF x Near_LoA	-5,853	-0,123	0,291
CHR12	5217898	CHR12:5217898	SSF x Near_LoA	-6,212	-0,084	0,290
CHR12	5223255	CHR12:5223255	SSF x Near_LoA	-8,977	0,084	0,271
CHR12	5223546	CHR12:5223546	SSF x Near_LoA	-5,364	-0,072	0,275
CHR12	5223678	CHR12:5223678	SSF x Near_LoA	-8,252	0,070	0,294
CHR12	5235820	CHR12:5235820	SSF x Near_LoA	-7,168	-0,085	0,284
CHR12	5237756	CHR12:5237756	SSF x Near_LoA	-7,745	-0,053	0,294
CHR12	5237830	CHR12:5237830	SSF x Near_LoA	-8,360	-0,165	0,282
CHR12	5237832	CHR12:5237832	SSF x Near_LoA	-10,349	-0,043	0,299
CHR12	5264664	CHR12:5264664	SSF x Near_LoA	-7,691	0,080	0,281
CHR12	5276671	CHR12:5276671	SSF x Near_LoA	-8,525	0,165	0,283
CHR12	5278289	CHR12:5278289	SSF x Near_LoA	-6,730	0,164	0,270
CHR12	5278305	CHR12:5278305	SSF x Near_LoA	-3,206	0,181	0,280
CHR12	5278402	CHR12:5278402	SSF x Near_LoA	-6,651	0,011	0,289
CHR12	5286320	CHR12:5286320	SSF x Near_LoA	-7,831	0,062	0,282
CHR12	5292731	CHR12:5292731	SSF x Near_LoA	-6,296	0,136	0,283
CHR12	5292832	CHR12:5292832	SSF x Near_LoA	-6,533	0,048	0,297
CHR12	5292894	CHR12:5292894	SSF x Near_LoA	-6,851	0,143	0,275
CHR12	5292929	CHR12:5292929	SSF x Near_LoA	-5,636	0,138	0,276
CHR12	5292935	CHR12:5292935	SSF x Near_LoA	-9,358	-0,024	0,287
CHR12	529336	CHR12:529336	SSF x Near_LoA	-5,672	-0,172	0,272
CHR12	5293844	CHR12:5293844	SSF x Near_LoA	-7,954	-0,013	0,305
CHR12	5293864	CHR12:5293864	SSF x Near_LoA	-10,348	-0,068	0,288
CHR12	5308392	CHR12:5308392	SSF x Near_LoA	-6,491	0,029	0,290
CHR12	5308665	CHR12:5308665	SSF x Near_LoA	-8,043	0,131	0,283
CHR12	5309981	CHR12:5309981	SSF x Near_LoA	-5,888	0,095	0,275
CHR12	5314136	CHR12:5314136	SSF x Near_LoA	-7,937	-0,127	0,293
CHR12	5315206	CHR12:5315206	SSF x Near_LoA	-6,669	0,115	0,278
CHR12	5315207	CHR12:5315207	SSF x Near_LoA	-6,780	0,109	0,270
CHR12	533276	CHR12:533276	SSF x Near_LoA	-10,304	-0,030	0,282
CHR12	5336530	CHR12:5336530	SSF x Near_LoA	-8,925	-0,029	0,286
CHR12	5336531	CHR12:5336531	SSF x Near_LoA	-8,518	-0,046	0,291
CHR12	5336565	CHR12:5336565	SSF x Near_LoA	-5,758	0,069	0,286
CHR12	5337276	CHR12:5337276	SSF x Near_LoA	-8,639	0,080	0,288
CHR12	5337478	CHR12:5337478	SSF x Near_LoA	-8,882	-0,065	0,288
CHR12	5337583	CHR12:5337583	SSF x Near_LoA	-5,613	-0,088	0,281
CHR12	5337584	CHR12:5337584	SSF x Near_LoA	-7,183	-0,067	0,290

CHR12	5337601	CHR12:5337601	SSF x Near_LoA	-8,067	-0,058	0,284
CHR12	5341225	CHR12:5341225	SSF x Near_LoA	-7,902	0,125	0,290
CHR12	5353271	CHR12:5353271	SSF x Near_LoA	-6,263	0,096	0,291
CHR12	5353287	CHR12:5353287	SSF x Near_LoA	-8,452	0,073	0,291
CHR12	5353297	CHR12:5353297	SSF x Near_LoA	-8,066	-0,036	0,275
CHR12	5353337	CHR12:5353337	SSF x Near_LoA	-7,552	-0,049	0,287
CHR12	5357819	CHR12:5357819	SSF x Near_LoA	-9,098	0,128	0,289
CHR12	5357871	CHR12:5357871	SSF x Near_LoA	-8,933	-0,096	0,273
CHR12	5360347	CHR12:5360347	SSF x Near_LoA	-6,007	-0,011	0,294
CHR12	5365454	CHR12:5365454	SSF x Near_LoA	-8,632	0,001	0,279
CHR12	5366622	CHR12:5366622	SSF x Near_LoA	-6,227	-0,125	0,297
CHR12	537500	CHR12:537500	SSF x Near_LoA	-9,196	-0,017	0,289
CHR12	5375425	CHR12:5375425	SSF x Near_LoA	-8,051	0,034	0,286
CHR12	5375503	CHR12:5375503	SSF x Near_LoA	-1,878	-0,127	0,286
CHR12	5378504	CHR12:5378504	SSF x Near_LoA	-6,339	-0,147	0,280
CHR12	5378791	CHR12:5378791	SSF x Near_LoA	-10,502	-0,044	0,282
CHR12	5384085	CHR12:5384085	SSF x Near_LoA	-6,898	0,096	0,280
CHR12	5389504	CHR12:5389504	SSF x Near_LoA	-6,997	-0,118	0,283
CHR12	5389556	CHR12:5389556	SSF x Near_LoA	-8,938	0,057	0,290
CHR12	5389638	CHR12:5389638	SSF x Near_LoA	-9,035	0,068	0,304
CHR12	5389993	CHR12:5389993	SSF x Near_LoA	-8,012	-0,145	0,266
CHR12	5390087	CHR12:5390087	SSF x Near_LoA	-7,483	0,166	0,271
CHR12	5390694	CHR12:5390694	SSF x Near_LoA	-9,438	0,011	0,289
CHR12	5390711	CHR12:5390711	SSF x Near_LoA	-7,344	-0,050	0,291
CHR12	5392898	CHR12:5392898	SSF x Near_LoA	-7,054	-0,043	0,298
CHR12	5393011	CHR12:5393011	SSF x Near_LoA	-6,601	0,029	0,308
CHR12	5395691	CHR12:5395691	SSF x Near_LoA	-10,384	-0,026	0,284
CHR12	5395720	CHR12:5395720	SSF x Near_LoA	-9,291	0,039	0,291
CHR12	5395774	CHR12:5395774	SSF x Near_LoA	-9,266	-0,060	0,289
CHR12	5399094	CHR12:5399094	SSF x Near_LoA	-8,115	-0,075	0,277
CHR12	5399105	CHR12:5399105	SSF x Near_LoA	-5,900	-0,120	0,279
CHR12	5399363	CHR12:5399363	SSF x Near_LoA	-7,094	0,197	0,283
CHR12	5399372	CHR12:5399372	SSF x Near_LoA	-10,131	0,015	0,286
CHR12	5403161	CHR12:5403161	SSF x Near_LoA	-6,907	-0,134	0,279
CHR12	5403166	CHR12:5403166	SSF x Near_LoA	-9,952	0,034	0,284
CHR12	5403170	CHR12:5403170	SSF x Near_LoA	-8,106	-0,087	0,283
CHR12	5403181	CHR12:5403181	SSF x Near_LoA	-7,245	0,225	0,260
CHR12	5403187	CHR12:5403187	SSF x Near_LoA	-8,824	-0,139	0,279
CHR12	5403197	CHR12:5403197	SSF x Near_LoA	-7,299	-0,014	0,285
CHR12	5403202	CHR12:5403202	SSF x Near_LoA	-8,405	-0,045	0,286
CHR12	5403216	CHR12:5403216	SSF x Near_LoA	-8,077	-0,078	0,300
CHR12	5403315	CHR12:5403315	SSF x Near_LoA	-6,845	-0,146	0,287
CHR12	5403350	CHR12:5403350	SSF x Near_LoA	-10,056	-0,005	0,295
CHR12	5420538	CHR12:5420538	SSF x Near_LoA	-8,050	0,031	0,289
CHR12	5442619	CHR12:5442619	SSF x Near_LoA	-9,037	-0,074	0,294
CHR12	5457699	CHR12:5457699	SSF x Near_LoA	-9,506	0,079	0,273
CHR12	5457712	CHR12:5457712	SSF x Near_LoA	-9,704	0,112	0,287
CHR12	5457730	CHR12:5457730	SSF x Near_LoA	3,472	-0,085	0,286
CHR12	5457750	CHR12:5457750	SSF x Near_LoA	-7,918	0,056	0,284
CHR12	5457823	CHR12:5457823	SSF x Near_LoA	-9,029	-0,135	0,281
CHR12	5472101	CHR12:5472101	SSF x Near_LoA	-7,277	0,092	0,269
CHR12	5472111	CHR12:5472111	SSF x Near_LoA	-9,133	0,055	0,286
CHR12	5472115	CHR12:5472115	SSF x Near_LoA	-10,791	0,058	0,268

CHR12	5472211	CHR12:5472211	SSF x Near_LoA	-6,450	-0,085	0,279
CHR12	5479074	CHR12:5479074	SSF x Near_LoA	-10,061	0,007	0,291
CHR12	5479323	CHR12:5479323	SSF x Near_LoA	-9,339	0,020	0,272
CHR12	5479429	CHR12:5479429	SSF x Near_LoA	-7,645	0,119	0,272
CHR12	5487716	CHR12:5487716	SSF x Near_LoA	-9,285	0,089	0,281
CHR12	5487735	CHR12:5487735	SSF x Near_LoA	-10,265	-0,056	0,290
CHR12	5487736	CHR12:5487736	SSF x Near_LoA	-8,722	0,086	0,288
CHR12	5487873	CHR12:5487873	SSF x Near_LoA	-8,606	-0,084	0,291
CHR12	5498742	CHR12:5498742	SSF x Near_LoA	-1,821	0,048	0,295
CHR12	5500972	CHR12:5500972	SSF x Near_LoA	-5,814	-0,119	0,276
CHR12	5503318	CHR12:5503318	SSF x Near_LoA	-6,815	0,059	0,286
CHR12	5506686	CHR12:5506686	SSF x Near_LoA	-10,142	-0,012	0,296
CHR12	550687	CHR12:550687	SSF x Near_LoA	-2,885	0,173	0,258
CHR12	5509706	CHR12:5509706	SSF x Near_LoA	-5,191	-0,023	0,289
CHR12	5509970	CHR12:5509970	SSF x Near_LoA	-9,528	-0,044	0,267
CHR12	5516151	CHR12:5516151	SSF x Near_LoA	-6,260	0,106	0,279
CHR12	5516195	CHR12:5516195	SSF x Near_LoA	-9,135	-0,048	0,294
CHR12	5516208	CHR12:5516208	SSF x Near_LoA	-7,737	0,035	0,296
CHR12	5521941	CHR12:5521941	SSF x Near_LoA	-4,964	-0,010	0,291
CHR12	5522030	CHR12:5522030	SSF x Near_LoA	-8,344	0,027	0,281
CHR12	5522036	CHR12:5522036	SSF x Near_LoA	-9,930	0,027	0,285
CHR12	5522208	CHR12:5522208	SSF x Near_LoA	-8,205	-0,107	0,276
CHR12	5529494	CHR12:5529494	SSF x Near_LoA	-7,513	-0,138	0,281
CHR12	5533086	CHR12:5533086	SSF x Near_LoA	-5,145	-0,110	0,285
CHR12	5533119	CHR12:5533119	SSF x Near_LoA	-9,552	0,123	0,298
CHR12	5533158	CHR12:5533158	SSF x Near_LoA	-3,850	-0,129	0,275
CHR12	5536248	CHR12:5536248	SSF x Near_LoA	-7,489	-0,066	0,288
CHR12	5536296	CHR12:5536296	SSF x Near_LoA	-6,405	-0,057	0,288
CHR12	5536333	CHR12:5536333	SSF x Near_LoA	-7,269	-0,076	0,293
CHR12	5537857	CHR12:5537857	SSF x Near_LoA	-10,312	-0,017	0,296
CHR12	5551324	CHR12:5551324	SSF x Near_LoA	-4,699	-0,035	0,290
CHR12	5551406	CHR12:5551406	SSF x Near_LoA	-9,904	-0,056	0,290
CHR12	5551428	CHR12:5551428	SSF x Near_LoA	-7,522	-0,070	0,284
CHR12	5551460	CHR12:5551460	SSF x Near_LoA	-10,957	0,023	0,292
CHR12	5551510	CHR12:5551510	SSF x Near_LoA	-9,760	0,035	0,278
CHR12	5551514	CHR12:5551514	SSF x Near_LoA	-7,396	-0,081	0,281
CHR12	5564818	CHR12:5564818	SSF x Near_LoA	-7,726	0,098	0,288
CHR12	5564885	CHR12:5564885	SSF x Near_LoA	-7,824	0,163	0,282
CHR12	5564887	CHR12:5564887	SSF x Near_LoA	-7,776	0,140	0,300
CHR12	5565077	CHR12:5565077	SSF x Near_LoA	-10,248	0,015	0,281
CHR12	5565146	CHR12:5565146	SSF x Near_LoA	-7,041	0,092	0,282
CHR12	5569544	CHR12:5569544	SSF x Near_LoA	-5,900	-0,109	0,290
CHR12	5569634	CHR12:5569634	SSF x Near_LoA	-9,028	-0,107	0,290
CHR12	5570612	CHR12:5570612	SSF x Near_LoA	-8,794	0,018	0,293
CHR12	5570614	CHR12:5570614	SSF x Near_LoA	-6,543	-0,069	0,292
CHR12	5570695	CHR12:5570695	SSF x Near_LoA	-9,268	0,053	0,281
CHR12	5587918	CHR12:5587918	SSF x Near_LoA	-7,562	0,056	0,287
CHR12	5587933	CHR12:5587933	SSF x Near_LoA	-10,445	-0,043	0,292
CHR12	5587940	CHR12:5587940	SSF x Near_LoA	-9,151	-0,073	0,292
CHR12	5596161	CHR12:5596161	SSF x Near_LoA	-2,835	-0,122	0,286
CHR12	5596163	CHR12:5596163	SSF x Near_LoA	-6,885	0,035	0,264
CHR12	5596319	CHR12:5596319	SSF x Near_LoA	-7,244	-0,127	0,295
CHR12	5596409	CHR12:5596409	SSF x Near_LoA	-6,197	0,074	0,285

CHR12	5596517	CHR12:5596517	SSF x Near_LoA	-3,533	-0,113	0,267
CHR12	5602476	CHR12:5602476	SSF x Near_LoA	-10,643	0,025	0,286
CHR12	5602506	CHR12:5602506	SSF x Near_LoA	-10,149	-0,001	0,288
CHR12	5615062	CHR12:5615062	SSF x Near_LoA	-9,826	0,009	0,300
CHR12	5615067	CHR12:5615067	SSF x Near_LoA	-8,963	-0,137	0,280
CHR12	5615186	CHR12:5615186	SSF x Near_LoA	-9,370	0,061	0,293
CHR12	5624402	CHR12:5624402	SSF x Near_LoA	-9,556	0,133	0,285
CHR12	5624669	CHR12:5624669	SSF x Near_LoA	-9,733	0,065	0,289
CHR12	5629066	CHR12:5629066	SSF x Near_LoA	-6,706	0,139	0,280
CHR12	562944	CHR12:562944	SSF x Near_LoA	-9,269	-0,128	0,278
CHR12	5642168	CHR12:5642168	SSF x Near_LoA	-6,827	-0,132	0,279
CHR12	5659438	CHR12:5659438	SSF x Near_LoA	-8,212	0,078	0,282
CHR12	5659642	CHR12:5659642	SSF x Near_LoA	-5,877	0,097	0,299
CHR12	5659728	CHR12:5659728	SSF x Near_LoA	-10,033	0,033	0,294
CHR12	5659740	CHR12:5659740	SSF x Near_LoA	-9,470	-0,058	0,291
CHR12	5660986	CHR12:5660986	SSF x Near_LoA	-2,267	-0,143	0,287
CHR12	5666578	CHR12:5666578	SSF x Near_LoA	-8,972	-0,110	0,287
CHR12	5666606	CHR12:5666606	SSF x Near_LoA	-10,558	0,054	0,283
CHR12	5666653	CHR12:5666653	SSF x Near_LoA	-4,340	0,255	0,258
CHR12	5666697	CHR12:5666697	SSF x Near_LoA	-5,950	0,133	0,273
CHR12	5666700	CHR12:5666700	SSF x Near_LoA	-3,230	-0,138	0,288
CHR12	5666714	CHR12:5666714	SSF x Near_LoA	-7,283	-0,006	0,288
CHR12	5666749	CHR12:5666749	SSF x Near_LoA	-9,117	0,112	0,296
CHR12	5666846	CHR12:5666846	SSF x Near_LoA	-0,489	0,192	0,275
CHR12	5671218	CHR12:5671218	SSF x Near_LoA	-7,949	0,127	0,290
CHR12	5671355	CHR12:5671355	SSF x Near_LoA	-6,737	-0,041	0,294
CHR12	5677700	CHR12:5677700	SSF x Near_LoA	-8,314	-0,068	0,291
CHR12	5677717	CHR12:5677717	SSF x Near_LoA	-8,042	0,043	0,296
CHR12	5677735	CHR12:5677735	SSF x Near_LoA	-7,202	-0,035	0,285
CHR12	5677743	CHR12:5677743	SSF x Near_LoA	-7,145	0,097	0,294
CHR12	5677772	CHR12:5677772	SSF x Near_LoA	-10,551	-0,025	0,283
CHR12	5677808	CHR12:5677808	SSF x Near_LoA	-4,977	0,098	0,280
CHR12	5677961	CHR12:5677961	SSF x Near_LoA	-9,351	0,055	0,302
CHR12	5679015	CHR12:5679015	SSF x Near_LoA	-9,263	0,044	0,288
CHR12	5679046	CHR12:5679046	SSF x Near_LoA	-7,582	0,095	0,290
CHR12	5679129	CHR12:5679129	SSF x Near_LoA	-10,343	-0,077	0,281
CHR12	5679133	CHR12:5679133	SSF x Near_LoA	-6,462	0,145	0,293
CHR12	5679136	CHR12:5679136	SSF x Near_LoA	-9,737	-0,007	0,300
CHR12	5709132	CHR12:5709132	SSF x Near_LoA	-7,749	-0,100	0,294
CHR12	5716627	CHR12:5716627	SSF x Near_LoA	-10,466	-0,039	0,296
CHR12	5716696	CHR12:5716696	SSF x Near_LoA	-8,213	-0,065	0,287
CHR12	5716720	CHR12:5716720	SSF x Near_LoA	3,079	-0,125	0,276
CHR12	5718378	CHR12:5718378	SSF x Near_LoA	-1,679	-0,169	0,265
CHR12	5718613	CHR12:5718613	SSF x Near_LoA	-8,260	0,124	0,288
CHR12	5727995	CHR12:5727995	SSF x Near_LoA	-7,054	-0,152	0,291
CHR12	5751615	CHR12:5751615	SSF x Near_LoA	-3,067	0,172	0,285
CHR12	5751664	CHR12:5751664	SSF x Near_LoA	-6,342	-0,054	0,284
CHR12	5762822	CHR12:5762822	SSF x Near_LoA	-5,688	-0,183	0,277
CHR12	5762862	CHR12:5762862	SSF x Near_LoA	-4,362	0,096	0,289
CHR12	5762983	CHR12:5762983	SSF x Near_LoA	-6,773	0,117	0,295
CHR12	5776525	CHR12:5776525	SSF x Near_LoA	-8,532	-0,116	0,281
CHR12	5782740	CHR12:5782740	SSF x Near_LoA	-7,014	-0,221	0,259
CHR12	5782911	CHR12:5782911	SSF x Near_LoA	-2,171	-0,179	0,286

CHR12	5782932	CHR12:5782932	SSF x Near_LoA	-6,663	-0,114	0,273
CHR12	5788005	CHR12:5788005	SSF x Near_LoA	-7,668	-0,037	0,299
CHR12	5788116	CHR12:5788116	SSF x Near_LoA	-7,106	0,083	0,297
CHR12	5788154	CHR12:5788154	SSF x Near_LoA	-3,535	-0,022	0,284
CHR12	5788238	CHR12:5788238	SSF x Near_LoA	-7,290	-0,025	0,290
CHR12	5788269	CHR12:5788269	SSF x Near_LoA	-4,502	0,144	0,280
CHR12	5788315	CHR12:5788315	SSF x Near_LoA	-6,989	-0,038	0,282
CHR12	5799734	CHR12:5799734	SSF x Near_LoA	-1,755	-0,171	0,276
CHR12	5807092	CHR12:5807092	SSF x Near_LoA	-4,790	0,199	0,279
CHR12	5807195	CHR12:5807195	SSF x Near_LoA	-9,644	0,103	0,287
CHR12	5807281	CHR12:5807281	SSF x Near_LoA	-10,062	0,031	0,304
CHR12	5824281	CHR12:5824281	SSF x Near_LoA	-9,707	0,069	0,286
CHR12	5824288	CHR12:5824288	SSF x Near_LoA	-7,667	-0,008	0,277
CHR12	5824322	CHR12:5824322	SSF x Near_LoA	-9,903	-0,041	0,280
CHR12	5854229	CHR12:5854229	SSF x Near_LoA	-7,268	-0,080	0,289
CHR12	5854298	CHR12:5854298	SSF x Near_LoA	-8,389	0,088	0,290
CHR12	5854416	CHR12:5854416	SSF x Near_LoA	-7,838	0,104	0,279
CHR12	5858995	CHR12:5858995	SSF x Near_LoA	-6,512	-0,117	0,293
CHR12	5859131	CHR12:5859131	SSF x Near_LoA	-9,714	-0,064	0,295
CHR12	5859148	CHR12:5859148	SSF x Near_LoA	-4,562	0,168	0,282
CHR12	5869582	CHR12:5869582	SSF x Near_LoA	-5,771	-0,037	0,299
CHR12	5871985	CHR12:5871985	SSF x Near_LoA	-9,720	-0,080	0,289
CHR12	5871991	CHR12:5871991	SSF x Near_LoA	-7,422	-0,044	0,292
CHR12	5872007	CHR12:5872007	SSF x Near_LoA	-10,439	-0,047	0,288
CHR12	5872779	CHR12:5872779	SSF x Near_LoA	-8,945	0,097	0,278
CHR12	5872826	CHR12:5872826	SSF x Near_LoA	-7,556	-0,122	0,273
CHR12	5893333	CHR12:5893333	SSF x Near_LoA	-9,986	-0,080	0,290
CHR12	5898184	CHR12:5898184	SSF x Near_LoA	-6,987	-0,084	0,288
CHR12	5898352	CHR12:5898352	SSF x Near_LoA	-4,900	-0,195	0,268
CHR12	5898434	CHR12:5898434	SSF x Near_LoA	-1,602	-0,135	0,279
CHR12	5914483	CHR12:5914483	SSF x Near_LoA	-9,689	-0,037	0,289
CHR12	5914746	CHR12:5914746	SSF x Near_LoA	-8,224	0,030	0,287
CHR12	5914829	CHR12:5914829	SSF x Near_LoA	-9,059	0,061	0,294
CHR12	5927727	CHR12:5927727	SSF x Near_LoA	-7,319	0,082	0,275
CHR12	5927738	CHR12:5927738	SSF x Near_LoA	-7,468	0,117	0,282
CHR12	5928178	CHR12:5928178	SSF x Near_LoA	-7,236	-0,018	0,293
CHR12	5938264	CHR12:5938264	SSF x Near_LoA	-5,285	0,120	0,285
CHR12	5938300	CHR12:5938300	SSF x Near_LoA	-6,634	0,095	0,282
CHR12	5938424	CHR12:5938424	SSF x Near_LoA	-7,152	-0,106	0,299
CHR12	5947549	CHR12:5947549	SSF x Near_LoA	-7,155	-0,024	0,293
CHR12	5947575	CHR12:5947575	SSF x Near_LoA	-6,741	-0,078	0,285
CHR12	5947770	CHR12:5947770	SSF x Near_LoA	-9,790	0,074	0,289
CHR12	5947826	CHR12:5947826	SSF x Near_LoA	-8,459	0,007	0,296
CHR12	5966620	CHR12:5966620	SSF x Near_LoA	-7,261	-0,083	0,276
CHR12	5966628	CHR12:5966628	SSF x Near_LoA	-7,393	-0,016	0,301
CHR12	5966671	CHR12:5966671	SSF x Near_LoA	-9,692	-0,006	0,278
CHR12	5974158	CHR12:5974158	SSF x Near_LoA	-6,454	-0,029	0,292
CHR12	5981049	CHR12:5981049	SSF x Near_LoA	-7,527	0,000	0,291
CHR12	5981190	CHR12:5981190	SSF x Near_LoA	-9,833	0,016	0,290
CHR12	5981250	CHR12:5981250	SSF x Near_LoA	-7,296	0,072	0,294
CHR12	5981284	CHR12:5981284	SSF x Near_LoA	-9,349	-0,039	0,278
CHR12	5981288	CHR12:5981288	SSF x Near_LoA	-6,447	0,036	0,294
CHR12	5981368	CHR12:5981368	SSF x Near_LoA	-9,639	-0,012	0,276

CHR12	599687	CHR12:599687	SSF x Near_LoA	-8,894	-0,128	0,282
CHR12	5998586	CHR12:5998586	SSF x Near_LoA	-4,186	-0,145	0,277
CHR12	6010450	CHR12:6010450	SSF x Near_LoA	-7,415	-0,079	0,288
CHR12	6012086	CHR12:6012086	SSF x Near_LoA	-9,000	0,017	0,280
CHR12	6012151	CHR12:6012151	SSF x Near_LoA	-8,750	-0,108	0,281
CHR12	6012209	CHR12:6012209	SSF x Near_LoA	-6,538	-0,086	0,290
CHR12	6012259	CHR12:6012259	SSF x Near_LoA	-6,178	-0,146	0,288
CHR12	6012280	CHR12:6012280	SSF x Near_LoA	-6,718	0,155	0,267
CHR12	6025612	CHR12:6025612	SSF x Near_LoA	-9,218	0,029	0,288
CHR12	6025942	CHR12:6025942	SSF x Near_LoA	-9,448	0,049	0,294
CHR12	6025964	CHR12:6025964	SSF x Near_LoA	-8,232	0,029	0,275
CHR12	6025981	CHR12:6025981	SSF x Near_LoA	-5,962	-0,105	0,289
CHR12	6026000	CHR12:6026000	SSF x Near_LoA	-8,209	-0,059	0,274
CHR12	6043968	CHR12:6043968	SSF x Near_LoA	-7,593	0,022	0,281
CHR12	6043977	CHR12:6043977	SSF x Near_LoA	-7,429	0,044	0,285
CHR12	6043981	CHR12:6043981	SSF x Near_LoA	-6,943	-0,033	0,291
CHR12	6047267	CHR12:6047267	SSF x Near_LoA	-10,144	0,042	0,285
CHR12	6052460	CHR12:6052460	SSF x Near_LoA	-9,166	-0,090	0,284
CHR12	6052511	CHR12:6052511	SSF x Near_LoA	-10,419	-0,077	0,284
CHR12	6052548	CHR12:6052548	SSF x Near_LoA	-7,650	0,113	0,272
CHR12	6052565	CHR12:6052565	SSF x Near_LoA	-1,575	0,139	0,284
CHR12	6052567	CHR12:6052567	SSF x Near_LoA	-8,146	0,048	0,271
CHR12	6052580	CHR12:6052580	SSF x Near_LoA	-8,133	0,049	0,275
CHR12	6052585	CHR12:6052585	SSF x Near_LoA	-9,182	0,048	0,254
CHR12	6052590	CHR12:6052590	SSF x Near_LoA	-6,697	0,051	0,274
CHR12	6052593	CHR12:6052593	SSF x Near_LoA	-9,306	0,048	0,256
CHR12	6052598	CHR12:6052598	SSF x Near_LoA	-6,100	0,044	0,282
CHR12	6052640	CHR12:6052640	SSF x Near_LoA	-1,103	-0,223	0,273
CHR12	6052806	CHR12:6052806	SSF x Near_LoA	-7,302	-0,068	0,278
CHR12	6052811	CHR12:6052811	SSF x Near_LoA	-5,459	0,211	0,279
CHR12	6070985	CHR12:6070985	SSF x Near_LoA	-9,163	0,026	0,298
CHR12	6071073	CHR12:6071073	SSF x Near_LoA	-8,825	0,021	0,288
CHR12	6071311	CHR12:6071311	SSF x Near_LoA	-1,420	0,185	0,290
CHR12	6083598	CHR12:6083598	SSF x Near_LoA	-5,366	-0,138	0,280
CHR12	6083617	CHR12:6083617	SSF x Near_LoA	-7,611	-0,088	0,281
CHR12	6083633	CHR12:6083633	SSF x Near_LoA	-8,374	-0,099	0,287
CHR12	6083650	CHR12:6083650	SSF x Near_LoA	-8,525	-0,065	0,298
CHR12	6083651	CHR12:6083651	SSF x Near_LoA	-7,603	-0,077	0,300
CHR12	6083668	CHR12:6083668	SSF x Near_LoA	-5,971	-0,155	0,277
CHR12	6083757	CHR12:6083757	SSF x Near_LoA	-7,041	0,195	0,268
CHR12	6083785	CHR12:6083785	SSF x Near_LoA	-7,508	-0,009	0,282
CHR12	6095589	CHR12:6095589	SSF x Near_LoA	-10,052	-0,043	0,279
CHR12	6095636	CHR12:6095636	SSF x Near_LoA	-7,482	0,213	0,283
CHR12	6120567	CHR12:6120567	SSF x Near_LoA	-8,547	0,040	0,297
CHR12	6120672	CHR12:6120672	SSF x Near_LoA	-6,411	-0,124	0,288
CHR12	612897	CHR12:612897	SSF x Near_LoA	-7,863	-0,098	0,280
CHR12	612939	CHR12:612939	SSF x Near_LoA	-8,831	-0,099	0,299
CHR12	612986	CHR12:612986	SSF x Near_LoA	-7,057	-0,120	0,292
CHR12	613140	CHR12:613140	SSF x Near_LoA	-9,971	-0,057	0,271
CHR12	6153347	CHR12:6153347	SSF x Near_LoA	-7,163	-0,055	0,297
CHR12	6153400	CHR12:6153400	SSF x Near_LoA	-7,262	-0,044	0,292
CHR12	6153495	CHR12:6153495	SSF x Near_LoA	-5,461	-0,130	0,286
CHR12	6153536	CHR12:6153536	SSF x Near_LoA	-5,057	0,177	0,278

CHR12	6153589	CHR12:6153589	SSF x Near_LoA	-9,068	0,016	0,298
CHR12	619262	CHR12:619262	SSF x Near_LoA	-6,516	-0,070	0,288
CHR12	6203636	CHR12:6203636	SSF x Near_LoA	-4,806	-0,073	0,290
CHR12	6203809	CHR12:6203809	SSF x Near_LoA	-8,592	-0,010	0,289
CHR12	6203812	CHR12:6203812	SSF x Near_LoA	-7,350	0,095	0,263
CHR12	621930	CHR12:621930	SSF x Near_LoA	-8,192	-0,044	0,287
CHR12	622013	CHR12:622013	SSF x Near_LoA	-3,637	0,181	0,280
CHR12	622021	CHR12:622021	SSF x Near_LoA	-1,648	-0,224	0,271
CHR12	6224130	CHR12:6224130	SSF x Near_LoA	-9,144	-0,006	0,288
CHR12	6224467	CHR12:6224467	SSF x Near_LoA	-9,196	0,129	0,279
CHR12	6225500	CHR12:6225500	SSF x Near_LoA	-7,097	0,114	0,274
CHR12	6225558	CHR12:6225558	SSF x Near_LoA	-9,214	-0,064	0,280
CHR12	6225573	CHR12:6225573	SSF x Near_LoA	-6,707	0,139	0,278
CHR12	6233465	CHR12:6233465	SSF x Near_LoA	-0,147	0,003	0,294
CHR12	6239169	CHR12:6239169	SSF x Near_LoA	-9,293	0,078	0,279
CHR12	6239229	CHR12:6239229	SSF x Near_LoA	-8,827	-0,067	0,289
CHR12	6239260	CHR12:6239260	SSF x Near_LoA	-5,867	-0,133	0,287
CHR12	6239425	CHR12:6239425	SSF x Near_LoA	-6,672	-0,097	0,275
CHR12	6245146	CHR12:6245146	SSF x Near_LoA	-8,384	0,038	0,291
CHR12	6245181	CHR12:6245181	SSF x Near_LoA	-8,737	-0,111	0,275
CHR12	6247714	CHR12:6247714	SSF x Near_LoA	-3,333	0,058	0,294
CHR12	6256175	CHR12:6256175	SSF x Near_LoA	-10,441	-0,024	0,276
CHR12	6256228	CHR12:6256228	SSF x Near_LoA	-9,570	0,026	0,286
CHR12	6256311	CHR12:6256311	SSF x Near_LoA	-10,550	-0,030	0,289
CHR12	6256464	CHR12:6256464	SSF x Near_LoA	-9,038	-0,077	0,291
CHR12	6256501	CHR12:6256501	SSF x Near_LoA	-8,051	-0,093	0,307
CHR12	6256528	CHR12:6256528	SSF x Near_LoA	-9,009	-0,047	0,279
CHR12	6299795	CHR12:6299795	SSF x Near_LoA	-9,741	-0,079	0,299
CHR12	6299802	CHR12:6299802	SSF x Near_LoA	-8,706	-0,136	0,285
CHR12	6299890	CHR12:6299890	SSF x Near_LoA	-11,165	0,030	0,272
CHR12	6303802	CHR12:6303802	SSF x Near_LoA	-6,004	0,137	0,284
CHR12	6304123	CHR12:6304123	SSF x Near_LoA	-5,262	-0,119	0,260
CHR12	6320142	CHR12:6320142	SSF x Near_LoA	-6,356	-0,022	0,280
CHR12	6320144	CHR12:6320144	SSF x Near_LoA	-8,375	0,030	0,285
CHR12	6320526	CHR12:6320526	SSF x Near_LoA	-8,342	-0,065	0,290
CHR12	6334190	CHR12:6334190	SSF x Near_LoA	-6,513	0,017	0,308
CHR12	6334250	CHR12:6334250	SSF x Near_LoA	-9,988	0,003	0,291
CHR12	6334274	CHR12:6334274	SSF x Near_LoA	-9,535	0,100	0,278
CHR12	6334294	CHR12:6334294	SSF x Near_LoA	-5,586	0,088	0,288
CHR12	6334314	CHR12:6334314	SSF x Near_LoA	-10,050	0,014	0,299
CHR12	6334362	CHR12:6334362	SSF x Near_LoA	-9,369	-0,051	0,283
CHR12	6334403	CHR12:6334403	SSF x Near_LoA	-9,747	-0,105	0,272
CHR12	6334555	CHR12:6334555	SSF x Near_LoA	-9,126	-0,042	0,285
CHR12	6334558	CHR12:6334558	SSF x Near_LoA	-9,364	-0,097	0,286
CHR12	6338645	CHR12:6338645	SSF x Near_LoA	-6,239	-0,123	0,282
CHR12	6338726	CHR12:6338726	SSF x Near_LoA	-7,531	0,089	0,273
CHR12	6389747	CHR12:6389747	SSF x Near_LoA	-6,335	0,124	0,286
CHR12	6389888	CHR12:6389888	SSF x Near_LoA	-9,949	0,110	0,287
CHR12	6390726	CHR12:6390726	SSF x Near_LoA	-7,784	0,080	0,279
CHR12	6391484	CHR12:6391484	SSF x Near_LoA	-7,642	0,178	0,270
CHR12	6391505	CHR12:6391505	SSF x Near_LoA	-6,524	-0,119	0,280
CHR12	6400827	CHR12:6400827	SSF x Near_LoA	-10,000	0,045	0,287
CHR12	6400838	CHR12:6400838	SSF x Near_LoA	-2,035	0,171	0,283

CHR12	6400920	CHR12:6400920	SSF x Near_LoA	-7,444	0,105	0,278
CHR12	6400980	CHR12:6400980	SSF x Near_LoA	-10,316	-0,063	0,285
CHR12	6400983	CHR12:6400983	SSF x Near_LoA	-7,962	0,114	0,275
CHR12	6401034	CHR12:6401034	SSF x Near_LoA	-10,094	-0,016	0,292
CHR12	6401100	CHR12:6401100	SSF x Near_LoA	-8,859	-0,032	0,281
CHR12	6403745	CHR12:6403745	SSF x Near_LoA	-7,005	0,050	0,289
CHR12	6403906	CHR12:6403906	SSF x Near_LoA	-7,894	-0,003	0,299
CHR12	6403911	CHR12:6403911	SSF x Near_LoA	-9,711	0,077	0,276
CHR12	6403972	CHR12:6403972	SSF x Near_LoA	-6,581	-0,080	0,300
CHR12	6403998	CHR12:6403998	SSF x Near_LoA	-8,781	0,071	0,289
CHR12	6404059	CHR12:6404059	SSF x Near_LoA	-9,758	0,078	0,289
CHR12	6414712	CHR12:6414712	SSF x Near_LoA	-7,990	-0,110	0,294
CHR12	642735	CHR12:642735	SSF x Near_LoA	-9,393	0,044	0,295
CHR12	642767	CHR12:642767	SSF x Near_LoA	-9,262	-0,005	0,295
CHR12	642869	CHR12:642869	SSF x Near_LoA	-8,315	-0,127	0,269
CHR12	642918	CHR12:642918	SSF x Near_LoA	-10,118	-0,077	0,281
CHR12	6429481	CHR12:6429481	SSF x Near_LoA	-8,050	0,056	0,272
CHR12	642949	CHR12:642949	SSF x Near_LoA	-9,635	0,021	0,301
CHR12	6429524	CHR12:6429524	SSF x Near_LoA	-8,585	-0,130	0,284
CHR12	6429530	CHR12:6429530	SSF x Near_LoA	-8,008	-0,106	0,284
CHR12	6429539	CHR12:6429539	SSF x Near_LoA	-6,436	-0,081	0,269
CHR12	6429542	CHR12:6429542	SSF x Near_LoA	-9,105	-0,082	0,280
CHR12	6429558	CHR12:6429558	SSF x Near_LoA	-7,647	0,086	0,282
CHR12	6429577	CHR12:6429577	SSF x Near_LoA	-8,351	0,018	0,271
CHR12	642959	CHR12:642959	SSF x Near_LoA	-6,279	-0,107	0,283
CHR12	6429825	CHR12:6429825	SSF x Near_LoA	-4,816	0,099	0,293
CHR12	6429841	CHR12:6429841	SSF x Near_LoA	-7,070	-0,068	0,298
CHR12	6436254	CHR12:6436254	SSF x Near_LoA	-6,043	-0,133	0,301
CHR12	6439059	CHR12:6439059	SSF x Near_LoA	-5,983	-0,106	0,290
CHR12	6439060	CHR12:6439060	SSF x Near_LoA	-9,182	0,091	0,287
CHR12	6439161	CHR12:6439161	SSF x Near_LoA	-10,131	0,013	0,294
CHR12	6439192	CHR12:6439192	SSF x Near_LoA	-7,609	-0,066	0,285
CHR12	6439232	CHR12:6439232	SSF x Near_LoA	-6,946	-0,062	0,265
CHR12	6439241	CHR12:6439241	SSF x Near_LoA	-9,564	-0,014	0,303
CHR12	6439290	CHR12:6439290	SSF x Near_LoA	-9,466	0,038	0,295
CHR12	6444924	CHR12:6444924	SSF x Near_LoA	-6,131	0,131	0,276
CHR12	6445049	CHR12:6445049	SSF x Near_LoA	-3,395	0,184	0,270
CHR12	6453061	CHR12:6453061	SSF x Near_LoA	-7,846	-0,029	0,294
CHR12	6453083	CHR12:6453083	SSF x Near_LoA	-9,460	0,052	0,274
CHR12	6453181	CHR12:6453181	SSF x Near_LoA	-8,704	0,114	0,281
CHR12	6453192	CHR12:6453192	SSF x Near_LoA	-8,700	-0,023	0,295
CHR12	6462937	CHR12:6462937	SSF x Near_LoA	-8,321	-0,130	0,285
CHR12	6463045	CHR12:6463045	SSF x Near_LoA	-4,422	0,174	0,276
CHR12	6469108	CHR12:6469108	SSF x Near_LoA	-7,938	-0,004	0,283
CHR12	6469148	CHR12:6469148	SSF x Near_LoA	-9,830	-0,092	0,262
CHR12	6469541	CHR12:6469541	SSF x Near_LoA	-8,081	0,129	0,279
CHR12	647593	CHR12:647593	SSF x Near_LoA	-9,873	0,084	0,278
CHR12	6476611	CHR12:6476611	SSF x Near_LoA	-7,459	0,041	0,280
CHR12	647712	CHR12:647712	SSF x Near_LoA	16,280	0,203	0,274
CHR12	6484692	CHR12:6484692	SSF x Near_LoA	-6,406	-0,051	0,286
CHR12	6484725	CHR12:6484725	SSF x Near_LoA	-7,677	0,022	0,277
CHR12	6484732	CHR12:6484732	SSF x Near_LoA	-6,693	0,039	0,294
CHR12	6484752	CHR12:6484752	SSF x Near_LoA	-7,972	-0,029	0,289

CHR12	6484781	CHR12:6484781	SSF x Near_LoA	-7,683	0,011	0,286
CHR12	6494915	CHR12:6494915	SSF x Near_LoA	-8,123	0,053	0,298
CHR12	6494919	CHR12:6494919	SSF x Near_LoA	-8,162	-0,047	0,298
CHR12	6516812	CHR12:6516812	SSF x Near_LoA	-6,357	-0,129	0,289
CHR12	6516879	CHR12:6516879	SSF x Near_LoA	-10,599	-0,079	0,272
CHR12	6517041	CHR12:6517041	SSF x Near_LoA	-10,310	-0,048	0,290
CHR12	6517140	CHR12:6517140	SSF x Near_LoA	-11,140	-0,015	0,286
CHR12	6520417	CHR12:6520417	SSF x Near_LoA	-8,251	-0,132	0,292
CHR12	6520550	CHR12:6520550	SSF x Near_LoA	-8,335	-0,038	0,283
CHR12	6528469	CHR12:6528469	SSF x Near_LoA	-10,181	-0,049	0,278
CHR12	6528470	CHR12:6528470	SSF x Near_LoA	-8,521	-0,065	0,287
CHR12	6532167	CHR12:6532167	SSF x Near_LoA	-7,713	-0,002	0,282
CHR12	6532263	CHR12:6532263	SSF x Near_LoA	-6,999	0,026	0,293
CHR12	6532282	CHR12:6532282	SSF x Near_LoA	-8,280	-0,138	0,280
CHR12	6546443	CHR12:6546443	SSF x Near_LoA	-7,478	-0,073	0,276
CHR12	6552219	CHR12:6552219	SSF x Near_LoA	-9,629	-0,075	0,271
CHR12	6552280	CHR12:6552280	SSF x Near_LoA	-7,582	0,112	0,291
CHR12	6552284	CHR12:6552284	SSF x Near_LoA	-6,991	0,091	0,294
CHR12	6552399	CHR12:6552399	SSF x Near_LoA	-5,942	-0,156	0,274
CHR12	6575772	CHR12:6575772	SSF x Near_LoA	-5,426	-0,179	0,261
CHR12	6575812	CHR12:6575812	SSF x Near_LoA	-7,784	-0,027	0,295
CHR12	6575844	CHR12:6575844	SSF x Near_LoA	-7,301	-0,120	0,279
CHR12	6579737	CHR12:6579737	SSF x Near_LoA	-10,342	-0,017	0,288
CHR12	6579748	CHR12:6579748	SSF x Near_LoA	-10,204	0,059	0,281
CHR12	6579961	CHR12:6579961	SSF x Near_LoA	-7,205	-0,051	0,269
CHR12	6579967	CHR12:6579967	SSF x Near_LoA	-6,474	0,110	0,256
CHR12	6597282	CHR12:6597282	SSF x Near_LoA	-7,658	0,099	0,297
CHR12	6597386	CHR12:6597386	SSF x Near_LoA	-10,164	0,044	0,300
CHR12	6597455	CHR12:6597455	SSF x Near_LoA	-7,433	0,013	0,300
CHR12	6597501	CHR12:6597501	SSF x Near_LoA	-8,989	0,001	0,292
CHR12	6597516	CHR12:6597516	SSF x Near_LoA	-8,615	0,028	0,271
CHR12	6597518	CHR12:6597518	SSF x Near_LoA	-9,211	0,025	0,275
CHR12	6597520	CHR12:6597520	SSF x Near_LoA	-7,116	-0,057	0,291
CHR12	6597532	CHR12:6597532	SSF x Near_LoA	0,291	-0,103	0,299
CHR12	6599762	CHR12:6599762	SSF x Near_LoA	-7,803	0,029	0,295
CHR12	6599776	CHR12:6599776	SSF x Near_LoA	-5,482	0,145	0,282
CHR12	6599810	CHR12:6599810	SSF x Near_LoA	-8,285	-0,068	0,272
CHR12	6599914	CHR12:6599914	SSF x Near_LoA	-7,924	-0,066	0,272
CHR12	6600111	CHR12:6600111	SSF x Near_LoA	-9,137	0,056	0,294
CHR12	6601798	CHR12:6601798	SSF x Near_LoA	-9,642	0,041	0,283
CHR12	6640285	CHR12:6640285	SSF x Near_LoA	-9,319	-0,002	0,293
CHR12	6640485	CHR12:6640485	SSF x Near_LoA	-5,753	-0,051	0,284
CHR12	6656730	CHR12:6656730	SSF x Near_LoA	-8,103	0,124	0,290
CHR12	6656812	CHR12:6656812	SSF x Near_LoA	-8,010	-0,036	0,281
CHR12	6656817	CHR12:6656817	SSF x Near_LoA	-7,863	0,043	0,277
CHR12	667400	CHR12:667400	SSF x Near_LoA	-6,050	-0,162	0,283
CHR12	667403	CHR12:667403	SSF x Near_LoA	-8,096	-0,066	0,289
CHR12	667405	CHR12:667405	SSF x Near_LoA	-4,873	-0,173	0,277
CHR12	669674	CHR12:669674	SSF x Near_LoA	-10,260	-0,095	0,290
CHR12	669774	CHR12:669774	SSF x Near_LoA	-8,853	0,064	0,294
CHR12	6703503	CHR12:6703503	SSF x Near_LoA	-6,522	0,066	0,275
CHR12	6703649	CHR12:6703649	SSF x Near_LoA	-7,053	-0,120	0,283
CHR12	6715753	CHR12:6715753	SSF x Near_LoA	-8,448	0,062	0,278

CHR12	6715757	CHR12:6715757	SSF x Near_LoA	-8,732	0,089	0,283
CHR12	6715776	CHR12:6715776	SSF x Near_LoA	-7,734	0,129	0,289
CHR12	6715791	CHR12:6715791	SSF x Near_LoA	-8,180	-0,045	0,291
CHR12	6715891	CHR12:6715891	SSF x Near_LoA	-8,316	-0,005	0,276
CHR12	6715907	CHR12:6715907	SSF x Near_LoA	-7,489	-0,063	0,272
CHR12	6715937	CHR12:6715937	SSF x Near_LoA	-9,317	-0,076	0,286
CHR12	6716093	CHR12:6716093	SSF x Near_LoA	-7,411	-0,048	0,288
CHR12	6731092	CHR12:6731092	SSF x Near_LoA	-7,733	-0,074	0,300
CHR12	6731097	CHR12:6731097	SSF x Near_LoA	-8,406	0,043	0,275
CHR12	6764844	CHR12:6764844	SSF x Near_LoA	-8,052	-0,086	0,283
CHR12	6764932	CHR12:6764932	SSF x Near_LoA	-5,529	0,158	0,285
CHR12	676587	CHR12:676587	SSF x Near_LoA	-8,963	-0,092	0,283
CHR12	6768267	CHR12:6768267	SSF x Near_LoA	-6,794	0,010	0,291
CHR12	6768410	CHR12:6768410	SSF x Near_LoA	-7,811	-0,176	0,268
CHR12	6768505	CHR12:6768505	SSF x Near_LoA	-6,017	-0,115	0,275
CHR12	6768522	CHR12:6768522	SSF x Near_LoA	-10,428	-0,006	0,271
CHR12	6773295	CHR12:6773295	SSF x Near_LoA	-7,496	-0,017	0,292
CHR12	6773296	CHR12:6773296	SSF x Near_LoA	-9,092	-0,012	0,280
CHR12	6773418	CHR12:6773418	SSF x Near_LoA	-9,580	0,047	0,289
CHR12	6785256	CHR12:6785256	SSF x Near_LoA	-9,010	-0,058	0,293
CHR12	6827355	CHR12:6827355	SSF x Near_LoA	-6,020	0,103	0,282
CHR12	6827483	CHR12:6827483	SSF x Near_LoA	-6,823	0,115	0,284
CHR12	6831445	CHR12:6831445	SSF x Near_LoA	-9,343	-0,116	0,279
CHR12	6845340	CHR12:6845340	SSF x Near_LoA	-7,334	0,198	0,275
CHR12	6845613	CHR12:6845613	SSF x Near_LoA	-3,644	0,161	0,258
CHR12	6845662	CHR12:6845662	SSF x Near_LoA	-8,888	-0,080	0,295
CHR12	6845666	CHR12:6845666	SSF x Near_LoA	-9,066	0,022	0,296
CHR12	6845685	CHR12:6845685	SSF x Near_LoA	-9,324	-0,055	0,270
CHR12	6845717	CHR12:6845717	SSF x Near_LoA	-7,528	0,078	0,283
CHR12	6845735	CHR12:6845735	SSF x Near_LoA	-8,220	-0,011	0,294
CHR12	6845745	CHR12:6845745	SSF x Near_LoA	-3,096	-0,264	0,283
CHR12	6845761	CHR12:6845761	SSF x Near_LoA	-9,607	0,016	0,296
CHR12	6845783	CHR12:6845783	SSF x Near_LoA	-7,528	-0,155	0,281
CHR12	6845790	CHR12:6845790	SSF x Near_LoA	-5,268	0,040	0,297
CHR12	6845819	CHR12:6845819	SSF x Near_LoA	-6,017	0,132	0,288
CHR12	6851171	CHR12:6851171	SSF x Near_LoA	-5,017	-0,172	0,275
CHR12	6851176	CHR12:6851176	SSF x Near_LoA	-9,573	0,074	0,283
CHR12	6851247	CHR12:6851247	SSF x Near_LoA	-8,386	-0,157	0,271
CHR12	685499	CHR12:685499	SSF x Near_LoA	-7,795	0,026	0,280
CHR12	685644	CHR12:685644	SSF x Near_LoA	-9,051	0,034	0,280
CHR12	6857418	CHR12:6857418	SSF x Near_LoA	-6,818	-0,157	0,262
CHR12	6857494	CHR12:6857494	SSF x Near_LoA	-7,063	0,062	0,288
CHR12	6857535	CHR12:6857535	SSF x Near_LoA	-7,086	0,060	0,282
CHR12	6861138	CHR12:6861138	SSF x Near_LoA	-7,101	0,099	0,294
CHR12	6861212	CHR12:6861212	SSF x Near_LoA	-8,514	-0,003	0,288
CHR12	6861262	CHR12:6861262	SSF x Near_LoA	-7,848	0,056	0,282
CHR12	6861355	CHR12:6861355	SSF x Near_LoA	-8,461	-0,029	0,296
CHR12	6863195	CHR12:6863195	SSF x Near_LoA	-7,373	0,170	0,289
CHR12	6863343	CHR12:6863343	SSF x Near_LoA	-11,349	0,036	0,274
CHR12	6863574	CHR12:6863574	SSF x Near_LoA	-5,965	0,071	0,278
CHR12	6867289	CHR12:6867289	SSF x Near_LoA	-8,024	0,126	0,276
CHR12	6867371	CHR12:6867371	SSF x Near_LoA	-4,112	0,191	0,279
CHR12	6867428	CHR12:6867428	SSF x Near_LoA	-5,069	0,171	0,290

CHR12	6867522	CHR12:6867522	SSF x Near_LoA	4,209	-0,063	0,277
CHR12	6870048	CHR12:6870048	SSF x Near_LoA	-9,748	0,082	0,286
CHR12	6870078	CHR12:6870078	SSF x Near_LoA	-9,982	-0,070	0,285
CHR12	6870107	CHR12:6870107	SSF x Near_LoA	-7,680	0,060	0,288
CHR12	6870270	CHR12:6870270	SSF x Near_LoA	-1,097	-0,245	0,273
CHR12	6870308	CHR12:6870308	SSF x Near_LoA	-8,315	-0,204	0,267
CHR12	6874199	CHR12:6874199	SSF x Near_LoA	5,517	-0,199	0,284
CHR12	6874318	CHR12:6874318	SSF x Near_LoA	-10,030	-0,056	0,286
CHR12	6874328	CHR12:6874328	SSF x Near_LoA	-10,250	-0,041	0,278
CHR12	6874357	CHR12:6874357	SSF x Near_LoA	-3,424	-0,217	0,271
CHR12	6874395	CHR12:6874395	SSF x Near_LoA	-7,177	0,164	0,273
CHR12	6874509	CHR12:6874509	SSF x Near_LoA	-6,404	-0,148	0,294
CHR12	6899424	CHR12:6899424	SSF x Near_LoA	-4,816	-0,227	0,269
CHR12	6899523	CHR12:6899523	SSF x Near_LoA	-0,742	0,232	0,275
CHR12	6899527	CHR12:6899527	SSF x Near_LoA	-2,150	0,261	0,257
CHR12	6899600	CHR12:6899600	SSF x Near_LoA	-8,284	0,030	0,278
CHR12	6899627	CHR12:6899627	SSF x Near_LoA	-7,128	-0,037	0,286
CHR12	6900312	CHR12:6900312	SSF x Near_LoA	-9,273	-0,020	0,282
CHR12	6900323	CHR12:6900323	SSF x Near_LoA	-5,482	0,263	0,264
CHR12	6900349	CHR12:6900349	SSF x Near_LoA	-6,763	-0,119	0,276
CHR12	6900407	CHR12:6900407	SSF x Near_LoA	-7,743	-0,024	0,279
CHR12	6908056	CHR12:6908056	SSF x Near_LoA	-10,310	0,049	0,297
CHR12	6908062	CHR12:6908062	SSF x Near_LoA	-7,728	0,065	0,293
CHR12	6908098	CHR12:6908098	SSF x Near_LoA	-7,662	0,103	0,288
CHR12	6908139	CHR12:6908139	SSF x Near_LoA	-8,985	0,076	0,267
CHR12	6908274	CHR12:6908274	SSF x Near_LoA	-6,527	0,119	0,289
CHR12	6911786	CHR12:6911786	SSF x Near_LoA	-5,071	-0,223	0,270
CHR12	6911818	CHR12:6911818	SSF x Near_LoA	-8,294	0,101	0,271
CHR12	6912041	CHR12:6912041	SSF x Near_LoA	-9,237	-0,014	0,287
CHR12	6912206	CHR12:6912206	SSF x Near_LoA	-9,344	-0,009	0,266
CHR12	6917697	CHR12:6917697	SSF x Near_LoA	-8,090	-0,027	0,277
CHR12	6925071	CHR12:6925071	SSF x Near_LoA	-7,028	0,098	0,280
CHR12	6926806	CHR12:6926806	SSF x Near_LoA	-5,221	-0,204	0,279
CHR12	6928081	CHR12:6928081	SSF x Near_LoA	-8,539	-0,022	0,283
CHR12	6934042	CHR12:6934042	SSF x Near_LoA	-9,187	-0,006	0,289
CHR12	6934046	CHR12:6934046	SSF x Near_LoA	-8,670	-0,039	0,297
CHR12	6934098	CHR12:6934098	SSF x Near_LoA	-7,465	-0,021	0,314
CHR12	6966966	CHR12:6966966	SSF x Near_LoA	-7,850	0,101	0,282
CHR12	6967019	CHR12:6967019	SSF x Near_LoA	-7,864	0,113	0,287
CHR12	6967041	CHR12:6967041	SSF x Near_LoA	-9,531	0,055	0,285
CHR12	6967068	CHR12:6967068	SSF x Near_LoA	-6,740	-0,020	0,279
CHR12	6969997	CHR12:6969997	SSF x Near_LoA	-6,708	-0,048	0,290
CHR12	6970224	CHR12:6970224	SSF x Near_LoA	-8,306	0,136	0,294
CHR12	6977173	CHR12:6977173	SSF x Near_LoA	-9,626	-0,004	0,282
CHR12	6979254	CHR12:6979254	SSF x Near_LoA	-8,102	0,009	0,279
CHR12	6979358	CHR12:6979358	SSF x Near_LoA	-7,122	-0,039	0,303
CHR12	6980178	CHR12:6980178	SSF x Near_LoA	-8,349	0,000	0,271
CHR12	7004259	CHR12:7004259	SSF x Near_LoA	-10,717	-0,057	0,290
CHR12	7004294	CHR12:7004294	SSF x Near_LoA	-9,121	-0,055	0,299
CHR12	7012615	CHR12:7012615	SSF x Near_LoA	-4,402	-0,141	0,297
CHR12	7012623	CHR12:7012623	SSF x Near_LoA	-10,983	-0,061	0,272
CHR12	7012940	CHR12:7012940	SSF x Near_LoA	-6,635	-0,115	0,290
CHR12	7030874	CHR12:7030874	SSF x Near_LoA	-8,448	0,104	0,291

CHR12	7051203	CHR12:7051203	SSF x Near_LoA	-5,681	-0,199	0,280
CHR12	7061377	CHR12:7061377	SSF x Near_LoA	-8,592	0,119	0,294
CHR12	7082671	CHR12:7082671	SSF x Near_LoA	-7,973	0,081	0,294
CHR12	7082732	CHR12:7082732	SSF x Near_LoA	-5,177	0,123	0,289
CHR12	709973	CHR12:709973	SSF x Near_LoA	-10,798	0,015	0,293
CHR12	709988	CHR12:709988	SSF x Near_LoA	-7,521	0,136	0,285
CHR12	709993	CHR12:709993	SSF x Near_LoA	-5,841	-0,197	0,261
CHR12	710051	CHR12:710051	SSF x Near_LoA	-3,330	-0,121	0,281
CHR12	7111053	CHR12:7111053	SSF x Near_LoA	-8,566	0,034	0,280
CHR12	7111176	CHR12:7111176	SSF x Near_LoA	-2,751	-0,243	0,265
CHR12	7111278	CHR12:7111278	SSF x Near_LoA	-5,600	-0,196	0,276
CHR12	7114731	CHR12:7114731	SSF x Near_LoA	1,807	-0,223	0,262
CHR12	711921	CHR12:711921	SSF x Near_LoA	-3,411	-0,186	0,275
CHR12	712156	CHR12:712156	SSF x Near_LoA	-6,836	-0,169	0,274
CHR12	712167	CHR12:712167	SSF x Near_LoA	-11,319	0,020	0,275
CHR12	7122885	CHR12:7122885	SSF x Near_LoA	-4,339	0,242	0,265
CHR12	7122896	CHR12:7122896	SSF x Near_LoA	-5,809	-0,104	0,298
CHR12	7122958	CHR12:7122958	SSF x Near_LoA	-3,541	0,259	0,265
CHR12	7145032	CHR12:7145032	SSF x Near_LoA	-9,380	0,043	0,279
CHR12	7145130	CHR12:7145130	SSF x Near_LoA	-8,109	0,109	0,292
CHR12	7145196	CHR12:7145196	SSF x Near_LoA	-9,501	0,093	0,277
CHR12	7145256	CHR12:7145256	SSF x Near_LoA	-11,229	-0,029	0,279
CHR12	7151803	CHR12:7151803	SSF x Near_LoA	-10,284	-0,019	0,282
CHR12	7151950	CHR12:7151950	SSF x Near_LoA	-8,013	-0,083	0,293
CHR12	7158934	CHR12:7158934	SSF x Near_LoA	-9,548	-0,004	0,279
CHR12	7158998	CHR12:7158998	SSF x Near_LoA	-7,156	0,028	0,288
CHR12	7159199	CHR12:7159199	SSF x Near_LoA	-7,846	-0,041	0,281
CHR12	7159305	CHR12:7159305	SSF x Near_LoA	-6,471	0,158	0,268
CHR12	7166259	CHR12:7166259	SSF x Near_LoA	-6,148	-0,068	0,291
CHR12	7169551	CHR12:7169551	SSF x Near_LoA	-7,527	-0,014	0,299
CHR12	7169563	CHR12:7169563	SSF x Near_LoA	-7,657	0,116	0,289
CHR12	7179240	CHR12:7179240	SSF x Near_LoA	-10,715	-0,059	0,278
CHR12	7184636	CHR12:7184636	SSF x Near_LoA	-6,425	-0,033	0,290
CHR12	7186704	CHR12:7186704	SSF x Near_LoA	-6,799	0,165	0,282
CHR12	7186708	CHR12:7186708	SSF x Near_LoA	-9,453	0,106	0,278
CHR12	7193857	CHR12:7193857	SSF x Near_LoA	-8,194	0,047	0,281
CHR12	7193931	CHR12:7193931	SSF x Near_LoA	-7,887	-0,067	0,288
CHR12	7194158	CHR12:7194158	SSF x Near_LoA	-6,601	0,191	0,294
CHR12	7198075	CHR12:7198075	SSF x Near_LoA	-7,304	-0,014	0,287
CHR12	7198181	CHR12:7198181	SSF x Near_LoA	-9,687	0,022	0,292
CHR12	7202900	CHR12:7202900	SSF x Near_LoA	-9,146	0,088	0,288
CHR12	7213060	CHR12:7213060	SSF x Near_LoA	-8,507	0,000	0,274
CHR12	7213076	CHR12:7213076	SSF x Near_LoA	-9,277	0,021	0,272
CHR12	7213120	CHR12:7213120	SSF x Near_LoA	-9,204	-0,003	0,266
CHR12	7213145	CHR12:7213145	SSF x Near_LoA	-7,548	0,047	0,294
CHR12	7216863	CHR12:7216863	SSF x Near_LoA	-7,475	-0,071	0,281
CHR12	7219383	CHR12:7219383	SSF x Near_LoA	-5,429	0,180	0,284
CHR12	7245563	CHR12:7245563	SSF x Near_LoA	-8,138	-0,090	0,294
CHR12	7245611	CHR12:7245611	SSF x Near_LoA	-6,971	0,125	0,283
CHR12	7252648	CHR12:7252648	SSF x Near_LoA	-8,830	0,015	0,285
CHR12	7255799	CHR12:7255799	SSF x Near_LoA	-2,064	0,046	0,312
CHR12	7255951	CHR12:7255951	SSF x Near_LoA	-6,588	0,012	0,311
CHR12	7257539	CHR12:7257539	SSF x Near_LoA	-9,221	0,097	0,283

CHR12	7257578	CHR12:7257578	SSF x Near_LoA	-6,196	0,157	0,282
CHR12	7288684	CHR12:7288684	SSF x Near_LoA	-8,019	-0,002	0,290
CHR12	7288705	CHR12:7288705	SSF x Near_LoA	-9,558	0,097	0,286
CHR12	7288738	CHR12:7288738	SSF x Near_LoA	-6,920	-0,094	0,287
CHR12	7288745	CHR12:7288745	SSF x Near_LoA	-8,810	0,058	0,290
CHR12	7288746	CHR12:7288746	SSF x Near_LoA	-6,952	0,122	0,287
CHR12	7290487	CHR12:7290487	SSF x Near_LoA	-8,497	0,072	0,288
CHR12	7290510	CHR12:7290510	SSF x Near_LoA	-8,261	-0,051	0,280
CHR12	7290583	CHR12:7290583	SSF x Near_LoA	-8,361	-0,003	0,290
CHR12	7290619	CHR12:7290619	SSF x Near_LoA	-7,279	0,043	0,285
CHR12	7290661	CHR12:7290661	SSF x Near_LoA	-8,852	-0,060	0,284
CHR12	7290713	CHR12:7290713	SSF x Near_LoA	-8,411	0,043	0,288
CHR12	7290721	CHR12:7290721	SSF x Near_LoA	-8,672	0,047	0,287
CHR12	7309093	CHR12:7309093	SSF x Near_LoA	-10,581	-0,030	0,289
CHR12	7309162	CHR12:7309162	SSF x Near_LoA	-10,168	0,006	0,291
CHR12	7325232	CHR12:7325232	SSF x Near_LoA	-4,209	0,209	0,274
CHR12	7325245	CHR12:7325245	SSF x Near_LoA	-4,026	-0,203	0,277
CHR12	735262	CHR12:735262	SSF x Near_LoA	-9,868	0,080	0,274
CHR12	735295	CHR12:735295	SSF x Near_LoA	-9,122	0,097	0,278
CHR12	7371729	CHR12:7371729	SSF x Near_LoA	-9,163	-0,140	0,285
CHR12	7386947	CHR12:7386947	SSF x Near_LoA	-3,549	0,202	0,275
CHR12	7386948	CHR12:7386948	SSF x Near_LoA	-5,063	0,179	0,274
CHR12	7392208	CHR12:7392208	SSF x Near_LoA	-5,875	0,121	0,284
CHR12	7392258	CHR12:7392258	SSF x Near_LoA	-5,842	0,147	0,282
CHR12	740193	CHR12:740193	SSF x Near_LoA	-8,722	0,024	0,268
CHR12	740300	CHR12:740300	SSF x Near_LoA	-7,749	0,132	0,294
CHR12	740303	CHR12:740303	SSF x Near_LoA	-3,096	-0,166	0,284
CHR12	740369	CHR12:740369	SSF x Near_LoA	-2,368	-0,151	0,287
CHR12	7405710	CHR12:7405710	SSF x Near_LoA	-5,267	0,160	0,299
CHR12	7405724	CHR12:7405724	SSF x Near_LoA	-3,614	-0,241	0,275
CHR12	7405814	CHR12:7405814	SSF x Near_LoA	-9,959	-0,082	0,287
CHR12	7405857	CHR12:7405857	SSF x Near_LoA	-8,795	0,012	0,301
CHR12	7405873	CHR12:7405873	SSF x Near_LoA	-5,063	0,232	0,280
CHR12	7405892	CHR12:7405892	SSF x Near_LoA	-9,269	0,042	0,286
CHR12	7405996	CHR12:7405996	SSF x Near_LoA	-6,879	-0,148	0,276
CHR12	7406018	CHR12:7406018	SSF x Near_LoA	-6,918	0,159	0,264
CHR12	7408832	CHR12:7408832	SSF x Near_LoA	-5,503	0,127	0,293
CHR12	7408857	CHR12:7408857	SSF x Near_LoA	-8,423	0,001	0,301
CHR12	7410718	CHR12:7410718	SSF x Near_LoA	-8,956	-0,015	0,274
CHR12	7424799	CHR12:7424799	SSF x Near_LoA	-7,807	-0,055	0,282
CHR12	7424889	CHR12:7424889	SSF x Near_LoA	-7,081	0,112	0,278
CHR12	7436650	CHR12:7436650	SSF x Near_LoA	-8,434	0,051	0,289
CHR12	7436766	CHR12:7436766	SSF x Near_LoA	-5,512	-0,124	0,279
CHR12	7436781	CHR12:7436781	SSF x Near_LoA	-9,318	-0,030	0,297
CHR12	7436793	CHR12:7436793	SSF x Near_LoA	-10,785	-0,030	0,286
CHR12	7440264	CHR12:7440264	SSF x Near_LoA	-9,859	-0,009	0,288
CHR12	7440502	CHR12:7440502	SSF x Near_LoA	-4,228	0,042	0,289
CHR12	7463053	CHR12:7463053	SSF x Near_LoA	-9,997	-0,084	0,290
CHR12	7463117	CHR12:7463117	SSF x Near_LoA	-9,141	-0,049	0,294
CHR12	7463834	CHR12:7463834	SSF x Near_LoA	-7,789	0,007	0,286
CHR12	7463912	CHR12:7463912	SSF x Near_LoA	-8,225	0,037	0,284
CHR12	7472243	CHR12:7472243	SSF x Near_LoA	-10,042	0,039	0,288
CHR12	7472244	CHR12:7472244	SSF x Near_LoA	-9,597	0,035	0,294

CHR12	7472265	CHR12:7472265	SSF x Near_LoA	-9,443	-0,067	0,282
CHR12	7472277	CHR12:7472277	SSF x Near_LoA	-8,259	0,048	0,287
CHR12	7472367	CHR12:7472367	SSF x Near_LoA	-8,102	0,050	0,308
CHR12	7472417	CHR12:7472417	SSF x Near_LoA	-6,947	-0,126	0,269
CHR12	7472428	CHR12:7472428	SSF x Near_LoA	-8,191	-0,027	0,277
CHR12	7486856	CHR12:7486856	SSF x Near_LoA	-8,251	0,024	0,273
CHR12	7488201	CHR12:7488201	SSF x Near_LoA	-6,155	-0,122	0,271
CHR12	7504374	CHR12:7504374	SSF x Near_LoA	-1,544	0,199	0,283
CHR12	7504387	CHR12:7504387	SSF x Near_LoA	-9,773	0,038	0,288
CHR12	7504428	CHR12:7504428	SSF x Near_LoA	-8,610	-0,125	0,271
CHR12	7504499	CHR12:7504499	SSF x Near_LoA	-3,544	0,194	0,270
CHR12	7515605	CHR12:7515605	SSF x Near_LoA	-10,138	-0,006	0,278
CHR12	7531031	CHR12:7531031	SSF x Near_LoA	4,362	-0,057	0,295
CHR12	7531152	CHR12:7531152	SSF x Near_LoA	-5,358	-0,005	0,296
CHR12	7531299	CHR12:7531299	SSF x Near_LoA	-10,825	0,014	0,288
CHR12	7535315	CHR12:7535315	SSF x Near_LoA	-8,699	0,000	0,277
CHR12	7538271	CHR12:7538271	SSF x Near_LoA	-9,153	0,051	0,282
CHR12	7538285	CHR12:7538285	SSF x Near_LoA	-8,366	-0,070	0,290
CHR12	7541005	CHR12:7541005	SSF x Near_LoA	-7,196	-0,098	0,293
CHR12	7541023	CHR12:7541023	SSF x Near_LoA	-7,479	-0,025	0,288
CHR12	7541060	CHR12:7541060	SSF x Near_LoA	-5,662	-0,001	0,297
CHR12	7541068	CHR12:7541068	SSF x Near_LoA	-7,279	0,035	0,299
CHR12	7541172	CHR12:7541172	SSF x Near_LoA	-5,550	-0,168	0,284
CHR12	7541198	CHR12:7541198	SSF x Near_LoA	-5,581	0,185	0,272
CHR12	7541204	CHR12:7541204	SSF x Near_LoA	-4,270	0,132	0,291
CHR12	7565043	CHR12:7565043	SSF x Near_LoA	-9,144	-0,094	0,269
CHR12	7565047	CHR12:7565047	SSF x Near_LoA	-7,448	-0,097	0,283
CHR12	7565068	CHR12:7565068	SSF x Near_LoA	-9,814	-0,031	0,289
CHR12	7565139	CHR12:7565139	SSF x Near_LoA	-2,644	-0,029	0,294
CHR12	7565147	CHR12:7565147	SSF x Near_LoA	-8,370	-0,056	0,294
CHR12	7565285	CHR12:7565285	SSF x Near_LoA	-10,351	0,031	0,286
CHR12	7565300	CHR12:7565300	SSF x Near_LoA	-6,171	-0,042	0,290
CHR12	7565416	CHR12:7565416	SSF x Near_LoA	-10,144	0,019	0,298
CHR12	7581962	CHR12:7581962	SSF x Near_LoA	-9,530	-0,039	0,286
CHR12	7597215	CHR12:7597215	SSF x Near_LoA	-8,086	-0,055	0,297
CHR12	7597276	CHR12:7597276	SSF x Near_LoA	-8,748	-0,014	0,291
CHR12	7597294	CHR12:7597294	SSF x Near_LoA	-9,730	-0,086	0,285
CHR12	7597364	CHR12:7597364	SSF x Near_LoA	-10,709	-0,005	0,270
CHR12	7597407	CHR12:7597407	SSF x Near_LoA	-7,900	-0,013	0,287
CHR12	7602800	CHR12:7602800	SSF x Near_LoA	-11,268	-0,055	0,273
CHR12	7602815	CHR12:7602815	SSF x Near_LoA	-7,599	0,044	0,295
CHR12	7603071	CHR12:7603071	SSF x Near_LoA	-5,522	0,053	0,283
CHR12	7603078	CHR12:7603078	SSF x Near_LoA	-7,521	-0,021	0,290
CHR12	7603079	CHR12:7603079	SSF x Near_LoA	-7,749	0,036	0,293
CHR12	7603082	CHR12:7603082	SSF x Near_LoA	-7,759	-0,005	0,294
CHR12	7603102	CHR12:7603102	SSF x Near_LoA	-9,646	-0,020	0,278
CHR12	7612846	CHR12:7612846	SSF x Near_LoA	-6,318	0,096	0,290
CHR12	7612914	CHR12:7612914	SSF x Near_LoA	-6,957	0,108	0,293
CHR12	7612968	CHR12:7612968	SSF x Near_LoA	-8,333	0,047	0,296
CHR12	7613090	CHR12:7613090	SSF x Near_LoA	-7,249	-0,057	0,281
CHR12	764696	CHR12:764696	SSF x Near_LoA	-5,367	0,113	0,304
CHR12	764928	CHR12:764928	SSF x Near_LoA	-10,056	0,005	0,282
CHR12	764998	CHR12:764998	SSF x Near_LoA	-8,510	-0,021	0,290

CHR12	7658613	CHR12:7658613	SSF x Near_LoA	-9,324	-0,010	0,294
CHR12	7658663	CHR12:7658663	SSF x Near_LoA	0,317	0,234	0,279
CHR12	7660177	CHR12:7660177	SSF x Near_LoA	-10,078	0,006	0,276
CHR12	7660201	CHR12:7660201	SSF x Near_LoA	-10,552	-0,073	0,286
CHR12	7660208	CHR12:7660208	SSF x Near_LoA	-6,998	-0,120	0,291
CHR12	7660211	CHR12:7660211	SSF x Near_LoA	-6,508	-0,145	0,286
CHR12	7660247	CHR12:7660247	SSF x Near_LoA	-7,586	-0,070	0,274
CHR12	7660252	CHR12:7660252	SSF x Near_LoA	-5,482	-0,132	0,285
CHR12	7660253	CHR12:7660253	SSF x Near_LoA	-5,878	-0,152	0,282
CHR12	7660259	CHR12:7660259	SSF x Near_LoA	-8,186	-0,099	0,291
CHR12	7660296	CHR12:7660296	SSF x Near_LoA	-8,421	-0,058	0,286
CHR12	7660382	CHR12:7660382	SSF x Near_LoA	-8,225	0,074	0,279
CHR12	7660408	CHR12:7660408	SSF x Near_LoA	-7,913	-0,103	0,288
CHR12	7660510	CHR12:7660510	SSF x Near_LoA	-9,050	-0,026	0,291
CHR12	7671305	CHR12:7671305	SSF x Near_LoA	-9,182	0,006	0,278
CHR12	7671485	CHR12:7671485	SSF x Near_LoA	-8,894	-0,081	0,284
CHR12	7671502	CHR12:7671502	SSF x Near_LoA	-7,999	-0,093	0,275
CHR12	7675912	CHR12:7675912	SSF x Near_LoA	-9,078	-0,130	0,268
CHR12	7675960	CHR12:7675960	SSF x Near_LoA	-10,282	-0,075	0,285
CHR12	7680470	CHR12:7680470	SSF x Near_LoA	-8,018	0,008	0,291
CHR12	7680483	CHR12:7680483	SSF x Near_LoA	-7,606	0,063	0,297
CHR12	7680507	CHR12:7680507	SSF x Near_LoA	-10,164	-0,057	0,288
CHR12	7680540	CHR12:7680540	SSF x Near_LoA	-6,060	0,108	0,293
CHR12	7680553	CHR12:7680553	SSF x Near_LoA	-7,833	0,050	0,294
CHR12	7691258	CHR12:7691258	SSF x Near_LoA	-9,055	-0,014	0,280
CHR12	7700740	CHR12:7700740	SSF x Near_LoA	-6,048	0,063	0,279
CHR12	7700753	CHR12:7700753	SSF x Near_LoA	-9,419	0,085	0,277
CHR12	7721970	CHR12:7721970	SSF x Near_LoA	-7,808	-0,102	0,281
CHR12	7722082	CHR12:7722082	SSF x Near_LoA	-5,411	-0,007	0,288
CHR12	7722136	CHR12:7722136	SSF x Near_LoA	-7,325	0,139	0,294
CHR12	7722161	CHR12:7722161	SSF x Near_LoA	-9,627	0,025	0,293
CHR12	7733206	CHR12:7733206	SSF x Near_LoA	-1,195	-0,241	0,259
CHR12	7733246	CHR12:7733246	SSF x Near_LoA	-2,922	0,081	0,293
CHR12	7733587	CHR12:7733587	SSF x Near_LoA	-5,931	0,164	0,282
CHR12	7733593	CHR12:7733593	SSF x Near_LoA	-5,692	0,125	0,282
CHR12	7733601	CHR12:7733601	SSF x Near_LoA	-7,295	0,110	0,279
CHR12	7733647	CHR12:7733647	SSF x Near_LoA	-4,696	-0,149	0,286
CHR12	7733653	CHR12:7733653	SSF x Near_LoA	-5,916	-0,170	0,275
CHR12	7733674	CHR12:7733674	SSF x Near_LoA	-2,419	-0,125	0,277
CHR12	7733703	CHR12:7733703	SSF x Near_LoA	-9,535	0,061	0,273
CHR12	7733705	CHR12:7733705	SSF x Near_LoA	-8,795	0,079	0,282
CHR12	7744813	CHR12:7744813	SSF x Near_LoA	-7,133	-0,016	0,287
CHR12	7744933	CHR12:7744933	SSF x Near_LoA	-9,433	-0,107	0,290
CHR12	7788801	CHR12:7788801	SSF x Near_LoA	-4,133	-0,195	0,270
CHR12	7788806	CHR12:7788806	SSF x Near_LoA	0,683	-0,184	0,274
CHR12	7788842	CHR12:7788842	SSF x Near_LoA	-6,982	0,129	0,264
CHR12	7805105	CHR12:7805105	SSF x Near_LoA	-7,420	0,104	0,279
CHR12	7805111	CHR12:7805111	SSF x Near_LoA	-8,918	-0,067	0,273
CHR12	7805181	CHR12:7805181	SSF x Near_LoA	-9,191	-0,130	0,285
CHR12	7814429	CHR12:7814429	SSF x Near_LoA	-10,071	-0,089	0,295
CHR12	7814489	CHR12:7814489	SSF x Near_LoA	-9,331	0,067	0,282
CHR12	7814518	CHR12:7814518	SSF x Near_LoA	-7,411	0,072	0,295
CHR12	7819938	CHR12:7819938	SSF x Near_LoA	-8,786	-0,052	0,281

CHR12	7820120	CHR12:7820120	SSF x Near_LoA	-2,683	-0,146	0,282
CHR12	7833802	CHR12:7833802	SSF x Near_LoA	-7,781	-0,081	0,286
CHR12	7833856	CHR12:7833856	SSF x Near_LoA	-7,782	-0,039	0,286
CHR12	7846486	CHR12:7846486	SSF x Near_LoA	-7,676	0,065	0,300
CHR12	7846520	CHR12:7846520	SSF x Near_LoA	-9,961	0,005	0,283
CHR12	7846525	CHR12:7846525	SSF x Near_LoA	-8,970	0,015	0,289
CHR12	7846533	CHR12:7846533	SSF x Near_LoA	-9,599	0,023	0,283
CHR12	7850523	CHR12:7850523	SSF x Near_LoA	4,429	0,146	0,285
CHR12	7858603	CHR12:7858603	SSF x Near_LoA	-9,992	-0,010	0,282
CHR12	7858863	CHR12:7858863	SSF x Near_LoA	-8,402	0,140	0,288
CHR12	7860935	CHR12:7860935	SSF x Near_LoA	-7,926	-0,120	0,284
CHR12	7861083	CHR12:7861083	SSF x Near_LoA	-9,834	0,063	0,292
CHR12	7861190	CHR12:7861190	SSF x Near_LoA	-8,865	-0,060	0,286
CHR12	7861304	CHR12:7861304	SSF x Near_LoA	-5,027	-0,114	0,284
CHR12	7865634	CHR12:7865634	SSF x Near_LoA	4,972	0,157	0,281
CHR12	7865762	CHR12:7865762	SSF x Near_LoA	-5,732	-0,015	0,280
CHR12	7865772	CHR12:7865772	SSF x Near_LoA	-5,920	-0,073	0,287
CHR12	7865925	CHR12:7865925	SSF x Near_LoA	-8,614	-0,028	0,284
CHR12	7870919	CHR12:7870919	SSF x Near_LoA	-7,839	-0,078	0,284
CHR12	7878164	CHR12:7878164	SSF x Near_LoA	-8,662	0,080	0,282
CHR12	7878182	CHR12:7878182	SSF x Near_LoA	-8,479	0,164	0,276
CHR12	7878204	CHR12:7878204	SSF x Near_LoA	-7,756	0,044	0,295
CHR12	7878281	CHR12:7878281	SSF x Near_LoA	-7,850	-0,069	0,291
CHR12	7888709	CHR12:7888709	SSF x Near_LoA	-6,426	0,000	0,296
CHR12	7888745	CHR12:7888745	SSF x Near_LoA	-7,435	-0,003	0,282
CHR12	7888765	CHR12:7888765	SSF x Near_LoA	-9,334	0,020	0,285
CHR12	7888849	CHR12:7888849	SSF x Near_LoA	-8,445	0,063	0,295
CHR12	7888865	CHR12:7888865	SSF x Near_LoA	-6,690	0,030	0,302
CHR12	7888957	CHR12:7888957	SSF x Near_LoA	-8,631	-0,019	0,274
CHR12	7888960	CHR12:7888960	SSF x Near_LoA	-8,936	-0,091	0,291
CHR12	7888963	CHR12:7888963	SSF x Near_LoA	-9,035	-0,104	0,282
CHR12	7888998	CHR12:7888998	SSF x Near_LoA	-10,605	-0,053	0,284
CHR12	7889020	CHR12:7889020	SSF x Near_LoA	-8,435	0,025	0,281
CHR12	7889032	CHR12:7889032	SSF x Near_LoA	-4,808	0,086	0,280
CHR12	7889715	CHR12:7889715	SSF x Near_LoA	-7,638	-0,046	0,288
CHR12	7889734	CHR12:7889734	SSF x Near_LoA	-8,219	-0,075	0,294
CHR12	7891920	CHR12:7891920	SSF x Near_LoA	-8,432	-0,054	0,300
CHR12	7891978	CHR12:7891978	SSF x Near_LoA	-6,645	0,014	0,283
CHR12	7891980	CHR12:7891980	SSF x Near_LoA	-7,394	0,196	0,263
CHR12	7892029	CHR12:7892029	SSF x Near_LoA	-6,657	-0,039	0,288
CHR12	7894425	CHR12:7894425	SSF x Near_LoA	-8,510	-0,053	0,271
CHR12	7894960	CHR12:7894960	SSF x Near_LoA	-6,737	-0,033	0,296
CHR12	7895295	CHR12:7895295	SSF x Near_LoA	-5,216	-0,177	0,279
CHR12	7895298	CHR12:7895298	SSF x Near_LoA	-7,936	0,035	0,286
CHR12	7895374	CHR12:7895374	SSF x Near_LoA	-8,902	-0,155	0,294
CHR12	7895397	CHR12:7895397	SSF x Near_LoA	-8,530	-0,144	0,292
CHR12	7924656	CHR12:7924656	SSF x Near_LoA	-5,415	0,168	0,298
CHR12	7924715	CHR12:7924715	SSF x Near_LoA	-8,793	-0,096	0,292
CHR12	7935951	CHR12:7935951	SSF x Near_LoA	-8,384	0,040	0,281
CHR12	7942993	CHR12:7942993	SSF x Near_LoA	-7,155	-0,158	0,275
CHR12	7943004	CHR12:7943004	SSF x Near_LoA	-7,768	0,066	0,294
CHR12	7943137	CHR12:7943137	SSF x Near_LoA	-5,045	0,191	0,274
CHR12	7943158	CHR12:7943158	SSF x Near_LoA	-8,143	0,062	0,303

CHR12	7943214	CHR12:7943214	SSF x Near_LoA	-6,035	0,083	0,293
CHR12	7951046	CHR12:7951046	SSF x Near_LoA	-7,171	0,101	0,270
CHR12	7951220	CHR12:7951220	SSF x Near_LoA	1,069	0,017	0,289
CHR12	7951299	CHR12:7951299	SSF x Near_LoA	-8,272	0,066	0,256
CHR12	7955341	CHR12:7955341	SSF x Near_LoA	-3,998	-0,189	0,275
CHR12	7955463	CHR12:7955463	SSF x Near_LoA	-9,563	-0,018	0,305
CHR12	7955467	CHR12:7955467	SSF x Near_LoA	-5,786	0,147	0,280
CHR12	7955493	CHR12:7955493	SSF x Near_LoA	-10,060	-0,007	0,293
CHR12	7955501	CHR12:7955501	SSF x Near_LoA	-9,179	-0,066	0,278
CHR12	7955527	CHR12:7955527	SSF x Near_LoA	-8,072	-0,092	0,270
CHR12	7955587	CHR12:7955587	SSF x Near_LoA	-9,089	-0,101	0,268
CHR12	7955724	CHR12:7955724	SSF x Near_LoA	-6,090	-0,126	0,284
CHR12	7957156	CHR12:7957156	SSF x Near_LoA	-8,484	0,046	0,293
CHR12	7976029	CHR12:7976029	SSF x Near_LoA	-4,255	-0,058	0,295
CHR12	7981491	CHR12:7981491	SSF x Near_LoA	-10,978	-0,027	0,289
CHR12	7984020	CHR12:7984020	SSF x Near_LoA	-7,977	-0,102	0,275
CHR12	7984094	CHR12:7984094	SSF x Near_LoA	-7,591	-0,116	0,268
CHR12	7984106	CHR12:7984106	SSF x Near_LoA	-8,675	-0,091	0,268
CHR12	7984141	CHR12:7984141	SSF x Near_LoA	-8,141	-0,017	0,274
CHR12	7984167	CHR12:7984167	SSF x Near_LoA	-8,225	-0,058	0,278
CHR12	801521	CHR12:801521	SSF x Near_LoA	-9,730	0,044	0,284
CHR12	801552	CHR12:801552	SSF x Near_LoA	-6,452	0,108	0,296
CHR12	801571	CHR12:801571	SSF x Near_LoA	-8,423	-0,065	0,283
CHR12	801586	CHR12:801586	SSF x Near_LoA	-8,416	-0,098	0,304
CHR12	801789	CHR12:801789	SSF x Near_LoA	-6,943	0,130	0,284
CHR12	805582	CHR12:805582	SSF x Near_LoA	-9,565	-0,117	0,277
CHR12	8115406	CHR12:8115406	SSF x Near_LoA	-9,309	-0,039	0,302
CHR12	8115460	CHR12:8115460	SSF x Near_LoA	-10,923	-0,057	0,284
CHR12	8121267	CHR12:8121267	SSF x Near_LoA	-5,828	0,097	0,301
CHR12	8121312	CHR12:8121312	SSF x Near_LoA	-9,223	-0,082	0,289
CHR12	8121477	CHR12:8121477	SSF x Near_LoA	-9,882	0,092	0,293
CHR12	8123608	CHR12:8123608	SSF x Near_LoA	-10,249	-0,004	0,281
CHR12	8125871	CHR12:8125871	SSF x Near_LoA	-8,601	-0,124	0,295
CHR12	8130197	CHR12:8130197	SSF x Near_LoA	-5,858	-0,003	0,298
CHR12	8130299	CHR12:8130299	SSF x Near_LoA	-7,718	0,012	0,285
CHR12	8131605	CHR12:8131605	SSF x Near_LoA	-7,003	-0,013	0,304
CHR12	8131747	CHR12:8131747	SSF x Near_LoA	-8,316	-0,078	0,283
CHR12	8143526	CHR12:8143526	SSF x Near_LoA	-8,723	0,050	0,260
CHR12	8193052	CHR12:8193052	SSF x Near_LoA	-9,005	-0,052	0,288
CHR12	8193110	CHR12:8193110	SSF x Near_LoA	-8,397	-0,029	0,296
CHR12	8193378	CHR12:8193378	SSF x Near_LoA	-8,508	-0,027	0,277
CHR12	8193397	CHR12:8193397	SSF x Near_LoA	-6,658	-0,050	0,294
CHR12	8193431	CHR12:8193431	SSF x Near_LoA	-4,416	0,177	0,291
CHR12	8193455	CHR12:8193455	SSF x Near_LoA	-6,225	-0,124	0,294
CHR12	8193495	CHR12:8193495	SSF x Near_LoA	-8,381	-0,019	0,279
CHR12	8207514	CHR12:8207514	SSF x Near_LoA	-7,770	0,057	0,281
CHR12	8207517	CHR12:8207517	SSF x Near_LoA	-5,761	0,202	0,272
CHR12	8207582	CHR12:8207582	SSF x Near_LoA	-7,450	-0,013	0,290
CHR12	8218698	CHR12:8218698	SSF x Near_LoA	-5,038	-0,113	0,291
CHR12	8218794	CHR12:8218794	SSF x Near_LoA	-10,577	0,094	0,279
CHR12	8218796	CHR12:8218796	SSF x Near_LoA	-6,504	0,092	0,288
CHR12	8218852	CHR12:8218852	SSF x Near_LoA	-8,085	0,023	0,275
CHR12	8218871	CHR12:8218871	SSF x Near_LoA	-7,772	0,014	0,281

CHR12	8263242	CHR12:8263242	SSF x Near_LoA	-5,292	0,164	0,275
CHR12	8263261	CHR12:8263261	SSF x Near_LoA	-9,827	0,089	0,276
CHR12	8273128	CHR12:8273128	SSF x Near_LoA	-7,859	0,154	0,283
CHR12	8273131	CHR12:8273131	SSF x Near_LoA	-5,940	-0,093	0,267
CHR12	8273166	CHR12:8273166	SSF x Near_LoA	-9,006	0,142	0,294
CHR12	8273170	CHR12:8273170	SSF x Near_LoA	-4,164	-0,106	0,265
CHR12	8273190	CHR12:8273190	SSF x Near_LoA	-7,629	-0,003	0,277
CHR12	8273237	CHR12:8273237	SSF x Near_LoA	-1,279	0,013	0,292
CHR12	8273244	CHR12:8273244	SSF x Near_LoA	-6,493	-0,189	0,272
CHR12	8273257	CHR12:8273257	SSF x Near_LoA	-8,589	-0,086	0,277
CHR12	8273276	CHR12:8273276	SSF x Near_LoA	-9,659	-0,050	0,285
CHR12	8273299	CHR12:8273299	SSF x Near_LoA	-6,259	0,197	0,276
CHR12	8273332	CHR12:8273332	SSF x Near_LoA	-7,924	0,109	0,281
CHR12	8273333	CHR12:8273333	SSF x Near_LoA	-8,954	0,104	0,286
CHR12	8281310	CHR12:8281310	SSF x Near_LoA	-10,455	-0,053	0,288
CHR12	8282645	CHR12:8282645	SSF x Near_LoA	-8,188	0,000	0,301
CHR12	8282646	CHR12:8282646	SSF x Near_LoA	-5,281	-0,204	0,287
CHR12	8285710	CHR12:8285710	SSF x Near_LoA	-7,104	0,077	0,273
CHR12	8285741	CHR12:8285741	SSF x Near_LoA	-7,305	0,122	0,279
CHR12	8298878	CHR12:8298878	SSF x Near_LoA	-7,234	-0,030	0,278
CHR12	8298879	CHR12:8298879	SSF x Near_LoA	-7,241	-0,049	0,297
CHR12	8298881	CHR12:8298881	SSF x Near_LoA	-7,632	-0,002	0,280
CHR12	8298901	CHR12:8298901	SSF x Near_LoA	-8,884	0,101	0,287
CHR12	8298966	CHR12:8298966	SSF x Near_LoA	-6,110	-0,021	0,300
CHR12	8298995	CHR12:8298995	SSF x Near_LoA	-7,020	0,076	0,268
CHR12	8299037	CHR12:8299037	SSF x Near_LoA	-7,070	-0,131	0,295
CHR12	8299040	CHR12:8299040	SSF x Near_LoA	-8,807	0,042	0,294
CHR12	8299044	CHR12:8299044	SSF x Near_LoA	-8,889	0,033	0,272
CHR12	8299047	CHR12:8299047	SSF x Near_LoA	-7,797	-0,117	0,295
CHR12	8299943	CHR12:8299943	SSF x Near_LoA	-6,770	0,135	0,281
CHR12	8300146	CHR12:8300146	SSF x Near_LoA	-4,729	-0,105	0,292
CHR12	8305619	CHR12:8305619	SSF x Near_LoA	-9,273	-0,034	0,299
CHR12	8305772	CHR12:8305772	SSF x Near_LoA	-6,898	0,093	0,285
CHR12	8305788	CHR12:8305788	SSF x Near_LoA	-7,355	0,065	0,298
CHR12	8312982	CHR12:8312982	SSF x Near_LoA	-5,819	-0,090	0,293
CHR12	8313034	CHR12:8313034	SSF x Near_LoA	-5,157	0,172	0,289
CHR12	8313061	CHR12:8313061	SSF x Near_LoA	-7,196	-0,148	0,294
CHR12	8313075	CHR12:8313075	SSF x Near_LoA	-9,882	0,046	0,281
CHR12	8313111	CHR12:8313111	SSF x Near_LoA	-8,868	-0,161	0,282
CHR12	8313113	CHR12:8313113	SSF x Near_LoA	-7,286	-0,059	0,283
CHR12	8313258	CHR12:8313258	SSF x Near_LoA	-5,532	-0,140	0,283
CHR12	8313337	CHR12:8313337	SSF x Near_LoA	-9,184	0,029	0,292
CHR12	8320500	CHR12:8320500	SSF x Near_LoA	-9,780	0,111	0,279
CHR12	8320623	CHR12:8320623	SSF x Near_LoA	-10,818	0,054	0,285
CHR12	8328549	CHR12:8328549	SSF x Near_LoA	-8,735	0,010	0,255
CHR12	8328550	CHR12:8328550	SSF x Near_LoA	-9,908	0,084	0,282
CHR12	8328600	CHR12:8328600	SSF x Near_LoA	-9,112	0,073	0,296
CHR12	8328624	CHR12:8328624	SSF x Near_LoA	-8,690	-0,011	0,273
CHR12	8328634	CHR12:8328634	SSF x Near_LoA	-6,018	-0,111	0,284
CHR12	8328636	CHR12:8328636	SSF x Near_LoA	-8,470	-0,111	0,282
CHR12	8328726	CHR12:8328726	SSF x Near_LoA	-7,401	0,187	0,269
CHR12	8348421	CHR12:8348421	SSF x Near_LoA	-7,057	0,148	0,270
CHR12	8378386	CHR12:8378386	SSF x Near_LoA	-7,539	-0,027	0,273

CHR12	8378462	CHR12:8378462	SSF x Near_LoA	-8,754	0,051	0,299
CHR12	8378526	CHR12:8378526	SSF x Near_LoA	-8,280	-0,070	0,299
CHR12	8378599	CHR12:8378599	SSF x Near_LoA	-9,170	-0,059	0,289
CHR12	8381390	CHR12:8381390	SSF x Near_LoA	-10,449	0,048	0,286
CHR12	8381657	CHR12:8381657	SSF x Near_LoA	-1,925	-0,137	0,284
CHR12	838546	CHR12:838546	SSF x Near_LoA	-9,980	-0,055	0,294
CHR12	838550	CHR12:838550	SSF x Near_LoA	-10,054	0,035	0,272
CHR12	838571	CHR12:838571	SSF x Near_LoA	-8,667	0,169	0,267
CHR12	8388737	CHR12:8388737	SSF x Near_LoA	-6,983	-0,002	0,303
CHR12	8397209	CHR12:8397209	SSF x Near_LoA	-8,618	0,034	0,291
CHR12	8397238	CHR12:8397238	SSF x Near_LoA	-7,282	-0,044	0,302
CHR12	8397290	CHR12:8397290	SSF x Near_LoA	-7,199	-0,072	0,286
CHR12	8409297	CHR12:8409297	SSF x Near_LoA	0,101	0,203	0,277
CHR12	8409311	CHR12:8409311	SSF x Near_LoA	-9,680	0,030	0,290
CHR12	8409541	CHR12:8409541	SSF x Near_LoA	-8,436	0,092	0,295
CHR12	8409572	CHR12:8409572	SSF x Near_LoA	-2,342	0,117	0,262
CHR12	8409619	CHR12:8409619	SSF x Near_LoA	-6,606	0,080	0,285
CHR12	8409644	CHR12:8409644	SSF x Near_LoA	-7,456	-0,135	0,271
CHR12	8409650	CHR12:8409650	SSF x Near_LoA	-7,881	-0,128	0,270
CHR12	8412870	CHR12:8412870	SSF x Near_LoA	-6,792	-0,105	0,289
CHR12	8412903	CHR12:8412903	SSF x Near_LoA	-7,432	-0,089	0,293
CHR12	8412981	CHR12:8412981	SSF x Near_LoA	-5,898	0,138	0,281
CHR12	8413165	CHR12:8413165	SSF x Near_LoA	-10,132	-0,037	0,277
CHR12	8422136	CHR12:8422136	SSF x Near_LoA	-5,214	0,141	0,274
CHR12	8422150	CHR12:8422150	SSF x Near_LoA	-7,008	-0,032	0,272
CHR12	8422159	CHR12:8422159	SSF x Near_LoA	-8,966	-0,001	0,280
CHR12	8422211	CHR12:8422211	SSF x Near_LoA	-6,879	-0,143	0,282
CHR12	8422225	CHR12:8422225	SSF x Near_LoA	-6,533	0,123	0,274
CHR12	8422249	CHR12:8422249	SSF x Near_LoA	-7,728	-0,051	0,276
CHR12	8422968	CHR12:8422968	SSF x Near_LoA	-4,306	-0,199	0,278
CHR12	8423031	CHR12:8423031	SSF x Near_LoA	-7,612	0,056	0,287
CHR12	8423051	CHR12:8423051	SSF x Near_LoA	-8,264	0,099	0,285
CHR12	8431813	CHR12:8431813	SSF x Near_LoA	-7,036	-0,175	0,275
CHR12	8438138	CHR12:8438138	SSF x Near_LoA	-6,669	-0,031	0,297
CHR12	84432	CHR12:84432	SSF x Near_LoA	-4,668	-0,143	0,278
CHR12	84504	CHR12:84504	SSF x Near_LoA	-8,516	-0,108	0,299
CHR12	8457869	CHR12:8457869	SSF x Near_LoA	-8,458	-0,025	0,293
CHR12	8457951	CHR12:8457951	SSF x Near_LoA	-3,460	-0,247	0,241
CHR12	8457982	CHR12:8457982	SSF x Near_LoA	-9,290	-0,027	0,305
CHR12	8458003	CHR12:8458003	SSF x Near_LoA	-10,318	-0,060	0,288
CHR12	8458039	CHR12:8458039	SSF x Near_LoA	-9,363	-0,102	0,290
CHR12	8458050	CHR12:8458050	SSF x Near_LoA	-1,567	0,362	0,237
CHR12	8458118	CHR12:8458118	SSF x Near_LoA	-9,412	0,151	0,282
CHR12	8458142	CHR12:8458142	SSF x Near_LoA	-7,475	0,157	0,282
CHR12	8458207	CHR12:8458207	SSF x Near_LoA	-7,784	0,120	0,283
CHR12	8458289	CHR12:8458289	SSF x Near_LoA	-10,795	0,047	0,270
CHR12	8472843	CHR12:8472843	SSF x Near_LoA	-7,572	0,078	0,291
CHR12	8473203	CHR12:8473203	SSF x Near_LoA	-7,053	-0,125	0,275
CHR12	8476154	CHR12:8476154	SSF x Near_LoA	-6,644	0,000	0,290
CHR12	8476157	CHR12:8476157	SSF x Near_LoA	-7,690	0,085	0,284
CHR12	847805	CHR12:847805	SSF x Near_LoA	-7,557	0,026	0,284
CHR12	847971	CHR12:847971	SSF x Near_LoA	-9,983	0,093	0,276
CHR12	8485834	CHR12:8485834	SSF x Near_LoA	-8,269	0,055	0,279

CHR12	8486044	CHR12:8486044	SSF x Near_LoA	-8,980	-0,045	0,294
CHR12	8486045	CHR12:8486045	SSF x Near_LoA	-6,212	-0,134	0,275
CHR12	8486049	CHR12:8486049	SSF x Near_LoA	-0,152	-0,139	0,260
CHR12	8491528	CHR12:8491528	SSF x Near_LoA	-9,990	-0,091	0,272
CHR12	8491603	CHR12:8491603	SSF x Near_LoA	-10,162	-0,114	0,278
CHR12	8513816	CHR12:8513816	SSF x Near_LoA	-8,742	-0,085	0,283
CHR12	8523194	CHR12:8523194	SSF x Near_LoA	-8,112	-0,030	0,279
CHR12	8531062	CHR12:8531062	SSF x Near_LoA	-6,580	-0,134	0,287
CHR12	8555023	CHR12:8555023	SSF x Near_LoA	-5,142	0,069	0,282
CHR12	8582268	CHR12:8582268	SSF x Near_LoA	-7,434	0,041	0,289
CHR12	8582275	CHR12:8582275	SSF x Near_LoA	-8,532	-0,056	0,278
CHR12	8582277	CHR12:8582277	SSF x Near_LoA	-10,160	-0,040	0,290
CHR12	8582288	CHR12:8582288	SSF x Near_LoA	-2,799	-0,177	0,273
CHR12	8582448	CHR12:8582448	SSF x Near_LoA	-4,152	0,020	0,301
CHR12	859393	CHR12:859393	SSF x Near_LoA	-8,687	-0,147	0,283
CHR12	859462	CHR12:859462	SSF x Near_LoA	-5,923	-0,187	0,287
CHR12	859471	CHR12:859471	SSF x Near_LoA	-6,365	-0,173	0,285
CHR12	859538	CHR12:859538	SSF x Near_LoA	-6,647	-0,061	0,291
CHR12	8603722	CHR12:8603722	SSF x Near_LoA	-8,054	-0,049	0,282
CHR12	8603740	CHR12:8603740	SSF x Near_LoA	-7,505	0,028	0,286
CHR12	8603741	CHR12:8603741	SSF x Near_LoA	-7,606	0,025	0,289
CHR12	8607958	CHR12:8607958	SSF x Near_LoA	-3,616	-0,062	0,290
CHR12	8608252	CHR12:8608252	SSF x Near_LoA	-9,941	-0,033	0,295
CHR12	8648025	CHR12:8648025	SSF x Near_LoA	-8,219	-0,086	0,282
CHR12	86599	CHR12:86599	SSF x Near_LoA	-3,258	-0,190	0,250
CHR12	8663403	CHR12:8663403	SSF x Near_LoA	-9,875	0,078	0,278
CHR12	8696123	CHR12:8696123	SSF x Near_LoA	-8,937	-0,056	0,286
CHR12	8696131	CHR12:8696131	SSF x Near_LoA	-9,283	-0,068	0,283
CHR12	8740637	CHR12:8740637	SSF x Near_LoA	-6,816	-0,047	0,293
CHR12	874551	CHR12:874551	SSF x Near_LoA	-6,343	-0,161	0,272
CHR12	8766678	CHR12:8766678	SSF x Near_LoA	-5,751	0,117	0,285
CHR12	8781087	CHR12:8781087	SSF x Near_LoA	1,759	-0,212	0,288
CHR12	8803358	CHR12:8803358	SSF x Near_LoA	-9,520	0,050	0,288
CHR12	8808954	CHR12:8808954	SSF x Near_LoA	-8,520	-0,017	0,295
CHR12	8808978	CHR12:8808978	SSF x Near_LoA	-7,540	-0,030	0,286
CHR12	8809005	CHR12:8809005	SSF x Near_LoA	-5,701	0,015	0,273
CHR12	8820143	CHR12:8820143	SSF x Near_LoA	-7,262	0,177	0,272
CHR12	882252	CHR12:882252	SSF x Near_LoA	-8,072	0,103	0,268
CHR12	8826983	CHR12:8826983	SSF x Near_LoA	-7,911	-0,026	0,280
CHR12	8827200	CHR12:8827200	SSF x Near_LoA	-9,412	0,050	0,278
CHR12	8827236	CHR12:8827236	SSF x Near_LoA	-7,582	-0,024	0,290
CHR12	8827237	CHR12:8827237	SSF x Near_LoA	-7,689	-0,038	0,285
CHR12	8830290	CHR12:8830290	SSF x Near_LoA	-8,602	-0,045	0,296
CHR12	8830398	CHR12:8830398	SSF x Near_LoA	-4,806	0,221	0,253
CHR12	883452	CHR12:883452	SSF x Near_LoA	10,628	0,101	0,255
CHR12	884959	CHR12:884959	SSF x Near_LoA	-6,876	-0,023	0,273
CHR12	8849843	CHR12:8849843	SSF x Near_LoA	-5,865	0,070	0,254
CHR12	8850157	CHR12:8850157	SSF x Near_LoA	-7,608	0,011	0,281
CHR12	8850180	CHR12:8850180	SSF x Near_LoA	-9,552	-0,037	0,283
CHR12	8850215	CHR12:8850215	SSF x Near_LoA	-8,801	-0,144	0,284
CHR12	8850251	CHR12:8850251	SSF x Near_LoA	-9,776	-0,045	0,283
CHR12	8852355	CHR12:8852355	SSF x Near_LoA	-5,811	0,148	0,261
CHR12	8852441	CHR12:8852441	SSF x Near_LoA	-7,758	-0,006	0,287

CHR12	8852493	CHR12:8852493	SSF x Near_LoA	0,619	-0,284	0,260
CHR12	8852515	CHR12:8852515	SSF x Near_LoA	8,137	-0,314	0,259
CHR12	8852530	CHR12:8852530	SSF x Near_LoA	-1,960	-0,241	0,274
CHR12	8852681	CHR12:8852681	SSF x Near_LoA	-6,959	-0,086	0,305
CHR12	885300	CHR12:885300	SSF x Near_LoA	-10,866	-0,027	0,295
CHR12	8865355	CHR12:8865355	SSF x Near_LoA	-5,981	-0,118	0,266
CHR12	8867827	CHR12:8867827	SSF x Near_LoA	-6,198	0,060	0,287
CHR12	8867830	CHR12:8867830	SSF x Near_LoA	-6,501	-0,035	0,293
CHR12	8868479	CHR12:8868479	SSF x Near_LoA	-6,933	0,004	0,273
CHR12	8868498	CHR12:8868498	SSF x Near_LoA	-8,330	0,125	0,270
CHR12	8868501	CHR12:8868501	SSF x Near_LoA	-7,324	0,007	0,285
CHR12	8879939	CHR12:8879939	SSF x Near_LoA	-9,794	-0,038	0,283
CHR12	8880006	CHR12:8880006	SSF x Near_LoA	-9,353	-0,052	0,292
CHR12	8880012	CHR12:8880012	SSF x Near_LoA	-9,482	-0,032	0,266
CHR12	8880048	CHR12:8880048	SSF x Near_LoA	-8,279	-0,041	0,273
CHR12	8891077	CHR12:8891077	SSF x Near_LoA	-9,094	-0,045	0,284
CHR12	8891080	CHR12:8891080	SSF x Near_LoA	-9,729	-0,129	0,274
CHR12	8891180	CHR12:8891180	SSF x Near_LoA	-7,662	0,047	0,287
CHR12	8891230	CHR12:8891230	SSF x Near_LoA	-8,741	0,013	0,276
CHR12	8891299	CHR12:8891299	SSF x Near_LoA	-6,753	-0,006	0,291
CHR12	8891347	CHR12:8891347	SSF x Near_LoA	-6,065	-0,137	0,281
CHR12	8894496	CHR12:8894496	SSF x Near_LoA	-5,106	-0,192	0,290
CHR12	8900143	CHR12:8900143	SSF x Near_LoA	-9,611	0,005	0,279
CHR12	8939679	CHR12:8939679	SSF x Near_LoA	-7,125	0,000	0,302
CHR12	8939681	CHR12:8939681	SSF x Near_LoA	-9,091	0,039	0,288
CHR12	894283	CHR12:894283	SSF x Near_LoA	-7,209	0,046	0,290
CHR12	894331	CHR12:894331	SSF x Near_LoA	-7,040	-0,002	0,294
CHR12	8978219	CHR12:8978219	SSF x Near_LoA	-7,194	0,006	0,305
CHR12	8978328	CHR12:8978328	SSF x Near_LoA	-6,763	0,181	0,271
CHR12	8978370	CHR12:8978370	SSF x Near_LoA	-9,068	-0,097	0,296
CHR12	8978467	CHR12:8978467	SSF x Near_LoA	-8,633	0,053	0,296
CHR12	8978482	CHR12:8978482	SSF x Near_LoA	-6,839	-0,111	0,299
CHR12	8982255	CHR12:8982255	SSF x Near_LoA	-7,791	-0,005	0,284
CHR12	8982275	CHR12:8982275	SSF x Near_LoA	-8,707	0,004	0,294
CHR12	8982288	CHR12:8982288	SSF x Near_LoA	-10,416	-0,031	0,274
CHR12	8982289	CHR12:8982289	SSF x Near_LoA	-8,071	0,049	0,289
CHR12	8982331	CHR12:8982331	SSF x Near_LoA	-9,536	0,072	0,292
CHR12	8982346	CHR12:8982346	SSF x Near_LoA	-6,204	0,039	0,295
CHR12	8982349	CHR12:8982349	SSF x Near_LoA	-10,249	-0,073	0,269
CHR12	8982430	CHR12:8982430	SSF x Near_LoA	-6,557	0,041	0,271
CHR12	9017491	CHR12:9017491	SSF x Near_LoA	-7,633	0,065	0,275
CHR12	9017496	CHR12:9017496	SSF x Near_LoA	-1,840	-0,183	0,276
CHR12	9017503	CHR12:9017503	SSF x Near_LoA	-8,134	0,019	0,275
CHR12	9017807	CHR12:9017807	SSF x Near_LoA	-8,025	-0,050	0,287
CHR12	9017812	CHR12:9017812	SSF x Near_LoA	-9,496	0,023	0,291
CHR12	9021354	CHR12:9021354	SSF x Near_LoA	-6,735	-0,009	0,276
CHR12	9021360	CHR12:9021360	SSF x Near_LoA	-9,137	-0,004	0,287
CHR12	9021440	CHR12:9021440	SSF x Near_LoA	-8,351	0,089	0,284
CHR12	9021446	CHR12:9021446	SSF x Near_LoA	-5,293	0,184	0,274
CHR12	9021468	CHR12:9021468	SSF x Near_LoA	-0,215	0,248	0,286
CHR12	9021473	CHR12:9021473	SSF x Near_LoA	-9,243	0,089	0,276
CHR12	9021488	CHR12:9021488	SSF x Near_LoA	-6,078	0,086	0,289
CHR12	9021532	CHR12:9021532	SSF x Near_LoA	-9,429	0,010	0,299

CHR12	9021588	CHR12:9021588	SSF x Near_LoA	-3,233	0,216	0,280
CHR12	9021596	CHR12:9021596	SSF x Near_LoA	-9,719	-0,004	0,281
CHR12	902890	CHR12:902890	SSF x Near_LoA	-5,477	0,152	0,298
CHR12	903059	CHR12:903059	SSF x Near_LoA	-10,063	-0,073	0,297
CHR12	9036807	CHR12:9036807	SSF x Near_LoA	-9,206	-0,008	0,289
CHR12	9036824	CHR12:9036824	SSF x Near_LoA	-6,266	-0,116	0,287
CHR12	9036999	CHR12:9036999	SSF x Near_LoA	-10,379	0,017	0,280
CHR12	9051294	CHR12:9051294	SSF x Near_LoA	-6,401	0,070	0,279
CHR12	9052795	CHR12:9052795	SSF x Near_LoA	-10,749	-0,078	0,267
CHR12	9052856	CHR12:9052856	SSF x Near_LoA	-5,184	0,039	0,293
CHR12	9052906	CHR12:9052906	SSF x Near_LoA	-8,582	0,014	0,286
CHR12	9052914	CHR12:9052914	SSF x Near_LoA	-7,999	0,066	0,297
CHR12	9053003	CHR12:9053003	SSF x Near_LoA	-6,484	0,198	0,273
CHR12	9053074	CHR12:9053074	SSF x Near_LoA	-3,599	0,183	0,284
CHR12	9060252	CHR12:9060252	SSF x Near_LoA	-6,121	0,199	0,266
CHR12	9060329	CHR12:9060329	SSF x Near_LoA	-7,193	-0,123	0,301
CHR12	9060381	CHR12:9060381	SSF x Near_LoA	-8,634	-0,031	0,293
CHR12	9077481	CHR12:9077481	SSF x Near_LoA	-9,097	0,027	0,284
CHR12	9077590	CHR12:9077590	SSF x Near_LoA	-8,251	-0,065	0,285
CHR12	9077809	CHR12:9077809	SSF x Near_LoA	-5,574	0,155	0,286
CHR12	9082643	CHR12:9082643	SSF x Near_LoA	-6,013	0,110	0,285
CHR12	9082666	CHR12:9082666	SSF x Near_LoA	-7,846	0,034	0,276
CHR12	9085523	CHR12:9085523	SSF x Near_LoA	-9,954	-0,020	0,281
CHR12	9085578	CHR12:9085578	SSF x Near_LoA	-7,584	-0,040	0,293
CHR12	9085619	CHR12:9085619	SSF x Near_LoA	5,229	0,023	0,281
CHR12	9087089	CHR12:9087089	SSF x Near_LoA	-8,082	-0,054	0,283
CHR12	9087183	CHR12:9087183	SSF x Near_LoA	-9,062	-0,018	0,280
CHR12	9087213	CHR12:9087213	SSF x Near_LoA	-8,736	-0,039	0,295
CHR12	9087216	CHR12:9087216	SSF x Near_LoA	-7,213	-0,093	0,279
CHR12	9087221	CHR12:9087221	SSF x Near_LoA	-10,681	-0,052	0,291
CHR12	9088859	CHR12:9088859	SSF x Near_LoA	-7,340	-0,114	0,277
CHR12	9088896	CHR12:9088896	SSF x Near_LoA	-7,125	-0,136	0,281
CHR12	9088971	CHR12:9088971	SSF x Near_LoA	-9,792	-0,068	0,293
CHR12	9089320	CHR12:9089320	SSF x Near_LoA	-8,199	0,032	0,301
CHR12	9091025	CHR12:9091025	SSF x Near_LoA	-8,915	-0,124	0,273
CHR12	9091081	CHR12:9091081	SSF x Near_LoA	-8,023	-0,104	0,272
CHR12	9091102	CHR12:9091102	SSF x Near_LoA	-8,430	0,037	0,296
CHR12	9091180	CHR12:9091180	SSF x Near_LoA	-7,784	-0,120	0,286
CHR12	9091196	CHR12:9091196	SSF x Near_LoA	-4,057	0,079	0,282
CHR12	9096371	CHR12:9096371	SSF x Near_LoA	-7,217	0,012	0,300
CHR12	9096595	CHR12:9096595	SSF x Near_LoA	-10,321	-0,130	0,276
CHR12	9096702	CHR12:9096702	SSF x Near_LoA	-9,180	-0,021	0,296
CHR12	9119641	CHR12:9119641	SSF x Near_LoA	-7,127	0,116	0,278
CHR12	9119645	CHR12:9119645	SSF x Near_LoA	-3,689	-0,210	0,267
CHR12	9119649	CHR12:9119649	SSF x Near_LoA	-7,633	0,110	0,271
CHR12	9119661	CHR12:9119661	SSF x Near_LoA	-6,075	0,174	0,267
CHR12	9120001	CHR12:9120001	SSF x Near_LoA	-7,897	-0,085	0,291
CHR12	9121676	CHR12:9121676	SSF x Near_LoA	-5,431	-0,211	0,280
CHR12	9121795	CHR12:9121795	SSF x Near_LoA	-5,525	-0,215	0,267
CHR12	9127002	CHR12:9127002	SSF x Near_LoA	-9,459	0,100	0,288
CHR12	9127012	CHR12:9127012	SSF x Near_LoA	-8,627	0,050	0,293
CHR12	913200	CHR12:913200	SSF x Near_LoA	-5,230	0,200	0,292
CHR12	9137870	CHR12:9137870	SSF x Near_LoA	-9,495	0,069	0,290

CHR12	9137891	CHR12:9137891	SSF x Near_LoA	-7,251	-0,110	0,292
CHR12	9140414	CHR12:9140414	SSF x Near_LoA	-11,114	-0,044	0,280
CHR12	9140464	CHR12:9140464	SSF x Near_LoA	-8,276	-0,032	0,277
CHR12	9140473	CHR12:9140473	SSF x Near_LoA	-3,916	-0,136	0,288
CHR12	9140530	CHR12:9140530	SSF x Near_LoA	-7,121	-0,071	0,261
CHR12	9140627	CHR12:9140627	SSF x Near_LoA	-5,441	-0,057	0,279
CHR12	9198581	CHR12:9198581	SSF x Near_LoA	-8,281	-0,120	0,283
CHR12	9198629	CHR12:9198629	SSF x Near_LoA	-8,808	0,019	0,289
CHR12	9198659	CHR12:9198659	SSF x Near_LoA	-8,918	-0,015	0,291
CHR12	9198715	CHR12:9198715	SSF x Near_LoA	-6,339	-0,038	0,287
CHR12	9198749	CHR12:9198749	SSF x Near_LoA	-7,988	-0,015	0,281
CHR12	9201608	CHR12:9201608	SSF x Near_LoA	-5,678	0,129	0,278
CHR12	9201730	CHR12:9201730	SSF x Near_LoA	-8,557	-0,057	0,298
CHR12	9201749	CHR12:9201749	SSF x Near_LoA	-7,851	0,004	0,312
CHR12	9201812	CHR12:9201812	SSF x Near_LoA	-9,371	-0,150	0,281
CHR12	9208452	CHR12:9208452	SSF x Near_LoA	-4,165	0,144	0,301
CHR12	9208512	CHR12:9208512	SSF x Near_LoA	-7,869	0,166	0,280
CHR12	9208568	CHR12:9208568	SSF x Near_LoA	-3,479	0,172	0,280
CHR12	9216484	CHR12:9216484	SSF x Near_LoA	-8,892	0,068	0,286
CHR12	9216501	CHR12:9216501	SSF x Near_LoA	-8,761	-0,059	0,284
CHR12	9216555	CHR12:9216555	SSF x Near_LoA	-8,155	-0,005	0,285
CHR12	9217098	CHR12:9217098	SSF x Near_LoA	-9,886	-0,015	0,286
CHR12	9217144	CHR12:9217144	SSF x Near_LoA	-8,332	-0,124	0,285
CHR12	9217200	CHR12:9217200	SSF x Near_LoA	-7,415	-0,072	0,293
CHR12	9217232	CHR12:9217232	SSF x Near_LoA	-7,812	-0,122	0,278
CHR12	9227545	CHR12:9227545	SSF x Near_LoA	-8,482	0,134	0,266
CHR12	9227609	CHR12:9227609	SSF x Near_LoA	-7,889	-0,057	0,297
CHR12	9227782	CHR12:9227782	SSF x Near_LoA	-5,168	0,071	0,279
CHR12	9231128	CHR12:9231128	SSF x Near_LoA	-9,785	-0,093	0,276
CHR12	9231268	CHR12:9231268	SSF x Near_LoA	-8,522	-0,090	0,305
CHR12	9231297	CHR12:9231297	SSF x Near_LoA	-9,943	-0,022	0,287
CHR12	9231298	CHR12:9231298	SSF x Near_LoA	-10,894	-0,046	0,289
CHR12	9231411	CHR12:9231411	SSF x Near_LoA	-10,084	0,017	0,286
CHR12	9231483	CHR12:9231483	SSF x Near_LoA	-6,550	0,196	0,270
CHR12	9247661	CHR12:9247661	SSF x Near_LoA	-1,489	0,071	0,280
CHR12	9247768	CHR12:9247768	SSF x Near_LoA	-8,899	-0,114	0,283
CHR12	9247774	CHR12:9247774	SSF x Near_LoA	-8,777	-0,121	0,292
CHR12	9247784	CHR12:9247784	SSF x Near_LoA	-8,670	0,089	0,293
CHR12	9247809	CHR12:9247809	SSF x Near_LoA	-6,400	0,019	0,280
CHR12	926329	CHR12:926329	SSF x Near_LoA	-4,443	-0,145	0,279
CHR12	9273607	CHR12:9273607	SSF x Near_LoA	-7,238	-0,119	0,288
CHR12	9273642	CHR12:9273642	SSF x Near_LoA	-5,537	-0,106	0,275
CHR12	9273653	CHR12:9273653	SSF x Near_LoA	-7,577	-0,111	0,279
CHR12	9283689	CHR12:9283689	SSF x Near_LoA	-10,296	-0,005	0,287
CHR12	932871	CHR12:932871	SSF x Near_LoA	-10,383	-0,007	0,291
CHR12	933104	CHR12:933104	SSF x Near_LoA	-9,560	0,050	0,291
CHR12	933275	CHR12:933275	SSF x Near_LoA	-8,939	0,094	0,296
CHR12	9340465	CHR12:9340465	SSF x Near_LoA	-8,222	0,041	0,272
CHR12	9363047	CHR12:9363047	SSF x Near_LoA	-9,938	0,084	0,277
CHR12	9363083	CHR12:9363083	SSF x Near_LoA	-5,765	-0,131	0,278
CHR12	9363084	CHR12:9363084	SSF x Near_LoA	-6,203	-0,126	0,276
CHR12	9363138	CHR12:9363138	SSF x Near_LoA	-9,958	0,068	0,286
CHR12	9363254	CHR12:9363254	SSF x Near_LoA	-7,202	0,151	0,283

CHR12	9363347	CHR12:9363347	SSF x Near_LoA	-9,148	-0,081	0,292
CHR12	9363365	CHR12:9363365	SSF x Near_LoA	-9,577	-0,043	0,285
CHR12	9363374	CHR12:9363374	SSF x Near_LoA	-9,036	-0,154	0,289
CHR12	9371578	CHR12:9371578	SSF x Near_LoA	-1,845	-0,008	0,281
CHR12	9371664	CHR12:9371664	SSF x Near_LoA	-10,062	-0,033	0,285
CHR12	9371878	CHR12:9371878	SSF x Near_LoA	-8,522	-0,062	0,299
CHR12	9371890	CHR12:9371890	SSF x Near_LoA	1,429	-0,266	0,270
CHR12	9371897	CHR12:9371897	SSF x Near_LoA	-8,991	-0,052	0,294
CHR12	9372006	CHR12:9372006	SSF x Near_LoA	-10,548	0,069	0,282
CHR12	9377926	CHR12:9377926	SSF x Near_LoA	-9,684	-0,019	0,300
CHR12	9381242	CHR12:9381242	SSF x Near_LoA	-9,909	0,059	0,272
CHR12	9381430	CHR12:9381430	SSF x Near_LoA	-6,473	-0,170	0,292
CHR12	9381480	CHR12:9381480	SSF x Near_LoA	-5,940	0,141	0,291
CHR12	9405261	CHR12:9405261	SSF x Near_LoA	-4,148	-0,148	0,288
CHR12	9405591	CHR12:9405591	SSF x Near_LoA	-9,355	0,004	0,296
CHR12	9405627	CHR12:9405627	SSF x Near_LoA	-9,334	-0,040	0,289
CHR12	9405654	CHR12:9405654	SSF x Near_LoA	-8,131	0,114	0,277
CHR12	9405688	CHR12:9405688	SSF x Near_LoA	-8,027	-0,018	0,282
CHR12	9413231	CHR12:9413231	SSF x Near_LoA	-4,001	-0,142	0,284
CHR12	9413457	CHR12:9413457	SSF x Near_LoA	-7,136	-0,078	0,283
CHR12	9413523	CHR12:9413523	SSF x Near_LoA	8,823	-0,091	0,285
CHR12	9419029	CHR12:9419029	SSF x Near_LoA	-8,045	0,054	0,288
CHR12	9419137	CHR12:9419137	SSF x Near_LoA	-5,919	0,114	0,285
CHR12	9419160	CHR12:9419160	SSF x Near_LoA	-8,343	-0,071	0,293
CHR12	9419241	CHR12:9419241	SSF x Near_LoA	-5,297	-0,127	0,289
CHR12	9422398	CHR12:9422398	SSF x Near_LoA	-8,425	0,049	0,292
CHR12	9423374	CHR12:9423374	SSF x Near_LoA	-8,167	0,157	0,277
CHR12	942447	CHR12:942447	SSF x Near_LoA	-10,359	0,062	0,295
CHR12	9434479	CHR12:9434479	SSF x Near_LoA	-7,606	0,068	0,289
CHR12	9455400	CHR12:9455400	SSF x Near_LoA	-4,977	0,121	0,288
CHR12	9455420	CHR12:9455420	SSF x Near_LoA	-6,771	0,124	0,275
CHR12	9455431	CHR12:9455431	SSF x Near_LoA	-8,047	0,039	0,290
CHR12	9455491	CHR12:9455491	SSF x Near_LoA	-8,914	0,119	0,278
CHR12	9455507	CHR12:9455507	SSF x Near_LoA	-7,829	0,148	0,271
CHR12	9455631	CHR12:9455631	SSF x Near_LoA	-6,098	-0,170	0,284
CHR12	9455689	CHR12:9455689	SSF x Near_LoA	-8,516	-0,061	0,273
CHR12	9465934	CHR12:9465934	SSF x Near_LoA	-7,452	0,150	0,301
CHR12	9465989	CHR12:9465989	SSF x Near_LoA	-7,855	-0,082	0,266
CHR12	9466015	CHR12:9466015	SSF x Near_LoA	-7,889	-0,032	0,278
CHR12	9466018	CHR12:9466018	SSF x Near_LoA	-10,553	0,020	0,276
CHR12	9466049	CHR12:9466049	SSF x Near_LoA	-8,147	0,032	0,281
CHR12	9466097	CHR12:9466097	SSF x Near_LoA	-7,398	0,130	0,285
CHR12	9471851	CHR12:9471851	SSF x Near_LoA	-7,442	0,017	0,289
CHR12	9471890	CHR12:9471890	SSF x Near_LoA	-8,867	-0,044	0,284
CHR12	9471921	CHR12:9471921	SSF x Near_LoA	-7,710	-0,079	0,286
CHR12	9471956	CHR12:9471956	SSF x Near_LoA	-7,811	-0,005	0,286
CHR12	9472009	CHR12:9472009	SSF x Near_LoA	-9,628	-0,077	0,285
CHR12	9474753	CHR12:9474753	SSF x Near_LoA	-9,032	-0,069	0,278
CHR12	9474758	CHR12:9474758	SSF x Near_LoA	-9,011	-0,082	0,298
CHR12	9474767	CHR12:9474767	SSF x Near_LoA	-11,008	0,011	0,263
CHR12	9474771	CHR12:9474771	SSF x Near_LoA	-6,739	-0,006	0,286
CHR12	9474775	CHR12:9474775	SSF x Near_LoA	-10,881	0,001	0,272
CHR12	9474789	CHR12:9474789	SSF x Near_LoA	-8,850	-0,044	0,282

CHR12	9474791	CHR12:9474791	SSF x Near_LoA	-9,335	-0,122	0,280
CHR12	9474798	CHR12:9474798	SSF x Near_LoA	-9,315	-0,038	0,279
CHR12	9474802	CHR12:9474802	SSF x Near_LoA	-6,864	-0,065	0,296
CHR12	9480984	CHR12:9480984	SSF x Near_LoA	-6,088	-0,114	0,303
CHR12	9481002	CHR12:9481002	SSF x Near_LoA	-8,102	-0,049	0,283
CHR12	9481004	CHR12:9481004	SSF x Near_LoA	-5,029	-0,060	0,293
CHR12	9481972	CHR12:9481972	SSF x Near_LoA	-9,530	0,070	0,289
CHR12	9504221	CHR12:9504221	SSF x Near_LoA	-2,673	-0,027	0,313
CHR12	9508119	CHR12:9508119	SSF x Near_LoA	-6,732	-0,173	0,282
CHR12	9508141	CHR12:9508141	SSF x Near_LoA	-8,521	0,095	0,294
CHR12	9533775	CHR12:9533775	SSF x Near_LoA	-6,477	0,205	0,281
CHR12	9533967	CHR12:9533967	SSF x Near_LoA	-8,391	0,040	0,273
CHR12	9533973	CHR12:9533973	SSF x Near_LoA	-8,383	0,093	0,289
CHR12	9534068	CHR12:9534068	SSF x Near_LoA	-8,053	0,149	0,283
CHR12	9534120	CHR12:9534120	SSF x Near_LoA	-6,249	0,031	0,285
CHR12	9538131	CHR12:9538131	SSF x Near_LoA	-2,879	-0,241	0,279
CHR12	9538556	CHR12:9538556	SSF x Near_LoA	-9,667	0,043	0,289
CHR12	9594953	CHR12:9594953	SSF x Near_LoA	-6,475	0,085	0,278
CHR12	9597309	CHR12:9597309	SSF x Near_LoA	-8,453	-0,079	0,276
CHR12	9597458	CHR12:9597458	SSF x Near_LoA	-7,262	0,104	0,288
CHR12	9601325	CHR12:9601325	SSF x Near_LoA	-7,451	-0,150	0,292
CHR12	9623502	CHR12:9623502	SSF x Near_LoA	-5,094	0,236	0,275
CHR12	9631125	CHR12:9631125	SSF x Near_LoA	-8,102	0,146	0,299
CHR12	9631182	CHR12:9631182	SSF x Near_LoA	-7,991	0,069	0,283
CHR12	9637271	CHR12:9637271	SSF x Near_LoA	-8,215	-0,040	0,285
CHR12	9637313	CHR12:9637313	SSF x Near_LoA	-2,459	0,148	0,287
CHR12	9637392	CHR12:9637392	SSF x Near_LoA	-8,104	-0,143	0,278
CHR12	9637395	CHR12:9637395	SSF x Near_LoA	-5,497	-0,131	0,295
CHR12	9640981	CHR12:9640981	SSF x Near_LoA	-10,136	-0,044	0,287
CHR12	9641010	CHR12:9641010	SSF x Near_LoA	-9,141	-0,097	0,284
CHR12	9662318	CHR12:9662318	SSF x Near_LoA	-9,649	0,031	0,284
CHR12	9662740	CHR12:9662740	SSF x Near_LoA	-9,690	0,070	0,277
CHR12	9688279	CHR12:9688279	SSF x Near_LoA	-9,730	0,051	0,269
CHR12	9694717	CHR12:9694717	SSF x Near_LoA	-8,161	-0,017	0,283
CHR12	9694750	CHR12:9694750	SSF x Near_LoA	-8,722	-0,006	0,280
CHR12	9694815	CHR12:9694815	SSF x Near_LoA	-5,732	-0,069	0,287
CHR12	9694916	CHR12:9694916	SSF x Near_LoA	-9,144	0,000	0,286
CHR12	9704252	CHR12:9704252	SSF x Near_LoA	-5,559	0,162	0,278
CHR12	9704313	CHR12:9704313	SSF x Near_LoA	-7,422	0,005	0,290
CHR12	9733808	CHR12:9733808	SSF x Near_LoA	-7,207	0,048	0,270
CHR12	9733985	CHR12:9733985	SSF x Near_LoA	-7,880	0,042	0,295
CHR12	9739259	CHR12:9739259	SSF x Near_LoA	-7,803	0,071	0,300
CHR12	974128	CHR12:974128	SSF x Near_LoA	-10,141	-0,061	0,287
CHR12	9744942	CHR12:9744942	SSF x Near_LoA	-8,254	0,016	0,271
CHR12	9745022	CHR12:9745022	SSF x Near_LoA	-10,199	-0,008	0,289
CHR12	9745043	CHR12:9745043	SSF x Near_LoA	-6,848	-0,020	0,278
CHR12	9745072	CHR12:9745072	SSF x Near_LoA	-8,361	-0,074	0,290
CHR12	9745111	CHR12:9745111	SSF x Near_LoA	-8,980	-0,059	0,293
CHR12	9745124	CHR12:9745124	SSF x Near_LoA	-9,456	-0,048	0,282
CHR12	9745188	CHR12:9745188	SSF x Near_LoA	-6,048	-0,092	0,293
CHR12	974737	CHR12:974737	SSF x Near_LoA	-7,879	0,119	0,277
CHR12	974774	CHR12:974774	SSF x Near_LoA	-5,749	0,171	0,273
CHR12	976766	CHR12:976766	SSF x Near_LoA	-8,069	0,145	0,270

CHR12	976948	CHR12:976948	SSF x Near_LoA	-9,933	0,012	0,277
CHR12	978087	CHR12:978087	SSF x Near_LoA	-5,996	0,068	0,296
CHR12	978216	CHR12:978216	SSF x Near_LoA	-7,011	0,021	0,314
CHR12	979576	CHR12:979576	SSF x Near_LoA	-7,643	-0,048	0,281
CHR12	979717	CHR12:979717	SSF x Near_LoA	-7,105	-0,029	0,292
CHR12	979773	CHR12:979773	SSF x Near_LoA	-8,710	0,144	0,278
CHR12	9800765	CHR12:9800765	SSF x Near_LoA	-9,381	0,093	0,293
CHR12	9800867	CHR12:9800867	SSF x Near_LoA	-8,100	-0,011	0,290
CHR12	9806692	CHR12:9806692	SSF x Near_LoA	-8,665	0,002	0,296
CHR12	981358	CHR12:981358	SSF x Near_LoA	-9,872	-0,064	0,284
CHR12	9820632	CHR12:9820632	SSF x Near_LoA	-2,764	0,246	0,268
CHR12	9858447	CHR12:9858447	SSF x Near_LoA	-11,053	-0,007	0,284
CHR12	9858520	CHR12:9858520	SSF x Near_LoA	-5,715	0,148	0,283
CHR12	9858642	CHR12:9858642	SSF x Near_LoA	-9,890	0,103	0,290
CHR12	9863736	CHR12:9863736	SSF x Near_LoA	-6,538	0,058	0,288
CHR12	9863784	CHR12:9863784	SSF x Near_LoA	-10,475	-0,049	0,282
CHR12	9864078	CHR12:9864078	SSF x Near_LoA	-5,922	-0,153	0,291
CHR12	9870080	CHR12:9870080	SSF x Near_LoA	-8,444	0,089	0,288
CHR12	9870112	CHR12:9870112	SSF x Near_LoA	-7,785	0,110	0,280
CHR12	9875955	CHR12:9875955	SSF x Near_LoA	-9,977	0,117	0,284
CHR12	9896034	CHR12:9896034	SSF x Near_LoA	-7,732	0,168	0,265
CHR12	990818	CHR12:990818	SSF x Near_LoA	-7,094	0,038	0,287
CHR12	990849	CHR12:990849	SSF x Near_LoA	-10,080	0,110	0,292
CHR12	990995	CHR12:990995	SSF x Near_LoA	-9,052	-0,035	0,295
CHR12	9917555	CHR12:9917555	SSF x Near_LoA	-10,397	-0,027	0,274
CHR12	9921914	CHR12:9921914	SSF x Near_LoA	-10,971	-0,061	0,275
CHR12	9923279	CHR12:9923279	SSF x Near_LoA	-8,240	-0,120	0,277
CHR12	9930335	CHR12:9930335	SSF x Near_LoA	-10,758	-0,055	0,278
CHR12	9931783	CHR12:9931783	SSF x Near_LoA	-2,941	0,262	0,264
CHR12	9945879	CHR12:9945879	SSF x Near_LoA	-10,597	0,018	0,289
CHR12	9958234	CHR12:9958234	SSF x Near_LoA	-8,409	-0,053	0,292
CHR12	9958317	CHR12:9958317	SSF x Near_LoA	-9,098	-0,095	0,290
CHR12	9958417	CHR12:9958417	SSF x Near_LoA	-8,952	0,154	0,274
CHR12	9958588	CHR12:9958588	SSF x Near_LoA	-5,915	-0,201	0,268
CHR12	9967580	CHR12:9967580	SSF x Near_LoA	-9,955	-0,043	0,285
CHR12	9967663	CHR12:9967663	SSF x Near_LoA	-7,672	-0,055	0,283
CHR13	1E+07	CHR13:10033237	SSF x Near_LoA	-9,602	-0,007	0,276
CHR13	1E+07	CHR13:10033487	SSF x Near_LoA	-6,595	-0,139	0,276
CHR13	1E+07	CHR13:10036099	SSF x Near_LoA	-8,026	-0,018	0,277
CHR13	1E+07	CHR13:10048574	SSF x Near_LoA	-9,937	0,087	0,278
CHR13	1E+07	CHR13:10048635	SSF x Near_LoA	-9,546	0,037	0,288
CHR13	1E+07	CHR13:10048736	SSF x Near_LoA	-10,879	0,003	0,281
CHR13	1E+07	CHR13:10048763	SSF x Near_LoA	-7,872	-0,085	0,277
CHR13	1E+07	CHR13:10048814	SSF x Near_LoA	-5,697	-0,174	0,281
CHR13	1E+07	CHR13:10066688	SSF x Near_LoA	-7,846	-0,014	0,286
CHR13	1E+07	CHR13:10066709	SSF x Near_LoA	-0,891	-0,097	0,280
CHR13	1E+07	CHR13:10066731	SSF x Near_LoA	-10,029	-0,078	0,298
CHR13	1E+07	CHR13:10067775	SSF x Near_LoA	-10,476	-0,032	0,283
CHR13	1E+07	CHR13:10067950	SSF x Near_LoA	-2,182	-0,171	0,271
CHR13	1009012	CHR13:1009012	SSF x Near_LoA	-7,636	0,016	0,276
CHR13	1E+07	CHR13:10091230	SSF x Near_LoA	-9,579	-0,047	0,285
CHR13	1E+07	CHR13:10091240	SSF x Near_LoA	-6,148	0,116	0,284
CHR13	1009222	CHR13:1009222	SSF x Near_LoA	-5,599	-0,164	0,292

CHR13	1009326	CHR13:1009326	SSF x Near_LoA	-9,669	0,050	0,275
CHR13	1E+07	CHR13:10098865	SSF x Near_LoA	-1,817	-0,268	0,255
CHR13	1E+07	CHR13:10098958	SSF x Near_LoA	-7,199	-0,039	0,282
CHR13	1E+07	CHR13:10098959	SSF x Near_LoA	-1,780	0,053	0,295
CHR13	1E+07	CHR13:10100520	SSF x Near_LoA	-7,473	-0,023	0,301
CHR13	1E+07	CHR13:10106362	SSF x Near_LoA	-11,016	0,062	0,277
CHR13	1E+07	CHR13:10106452	SSF x Near_LoA	-7,344	-0,052	0,298
CHR13	1E+07	CHR13:10120941	SSF x Near_LoA	-7,218	0,021	0,289
CHR13	1E+07	CHR13:10120944	SSF x Near_LoA	-7,291	0,097	0,285
CHR13	1E+07	CHR13:10120953	SSF x Near_LoA	-6,679	0,066	0,290
CHR13	1E+07	CHR13:10121028	SSF x Near_LoA	-7,591	0,049	0,290
CHR13	1E+07	CHR13:10128620	SSF x Near_LoA	-9,666	-0,056	0,283
CHR13	1E+07	CHR13:10128707	SSF x Near_LoA	-4,544	-0,018	0,293
CHR13	1E+07	CHR13:10128712	SSF x Near_LoA	-7,050	-0,011	0,279
CHR13	1E+07	CHR13:10130527	SSF x Near_LoA	-8,175	0,075	0,280
CHR13	1E+07	CHR13:10130545	SSF x Near_LoA	-8,880	0,097	0,281
CHR13	1E+07	CHR13:10136490	SSF x Near_LoA	-8,004	0,139	0,288
CHR13	1E+07	CHR13:10136505	SSF x Near_LoA	-8,712	-0,092	0,286
CHR13	1E+07	CHR13:10138333	SSF x Near_LoA	-8,268	0,151	0,277
CHR13	1E+07	CHR13:10140642	SSF x Near_LoA	-10,128	-0,017	0,287
CHR13	1E+07	CHR13:10140678	SSF x Near_LoA	-10,294	-0,067	0,292
CHR13	1E+07	CHR13:10140688	SSF x Near_LoA	-8,082	-0,062	0,274
CHR13	1E+07	CHR13:10140873	SSF x Near_LoA	-9,969	0,003	0,303
CHR13	1E+07	CHR13:10140888	SSF x Near_LoA	-8,220	0,031	0,285
CHR13	1E+07	CHR13:10158764	SSF x Near_LoA	-6,949	0,092	0,289
CHR13	1E+07	CHR13:10158773	SSF x Near_LoA	-7,993	-0,020	0,277
CHR13	1E+07	CHR13:10158811	SSF x Near_LoA	-8,596	-0,061	0,294
CHR13	1E+07	CHR13:10163002	SSF x Near_LoA	-7,142	0,068	0,285
CHR13	1E+07	CHR13:10163151	SSF x Near_LoA	-10,495	-0,002	0,280
CHR13	1016603	CHR13:1016603	SSF x Near_LoA	-9,177	-0,043	0,273
CHR13	1E+07	CHR13:10168983	SSF x Near_LoA	-9,343	0,018	0,269
CHR13	1E+07	CHR13:10169137	SSF x Near_LoA	-11,100	0,035	0,281
CHR13	1E+07	CHR13:10169174	SSF x Near_LoA	-8,983	0,016	0,285
CHR13	1E+07	CHR13:10169196	SSF x Near_LoA	-10,071	0,008	0,294
CHR13	1E+07	CHR13:10172687	SSF x Near_LoA	-7,896	0,075	0,281
CHR13	1E+07	CHR13:10172801	SSF x Near_LoA	-8,103	0,019	0,291
CHR13	1E+07	CHR13:10173063	SSF x Near_LoA	-6,708	-0,079	0,286
CHR13	1E+07	CHR13:10177262	SSF x Near_LoA	-7,199	-0,144	0,285
CHR13	1E+07	CHR13:10177312	SSF x Near_LoA	-3,821	0,159	0,288
CHR13	1E+07	CHR13:10177547	SSF x Near_LoA	-6,699	-0,009	0,287
CHR13	1E+07	CHR13:10177605	SSF x Near_LoA	-10,788	0,016	0,294
CHR13	1E+07	CHR13:10179295	SSF x Near_LoA	-8,038	0,118	0,278
CHR13	1E+07	CHR13:10179541	SSF x Near_LoA	-7,159	-0,041	0,278
CHR13	1E+07	CHR13:10179620	SSF x Near_LoA	-7,408	0,044	0,285
CHR13	1E+07	CHR13:10179641	SSF x Near_LoA	-7,528	-0,062	0,285
CHR13	1E+07	CHR13:10182256	SSF x Near_LoA	-9,613	-0,055	0,276
CHR13	1E+07	CHR13:10182346	SSF x Near_LoA	-6,793	-0,209	0,274
CHR13	1E+07	CHR13:10182365	SSF x Near_LoA	-7,786	-0,092	0,290
CHR13	1E+07	CHR13:10182473	SSF x Near_LoA	-8,275	-0,051	0,290
CHR13	1E+07	CHR13:10182481	SSF x Near_LoA	-10,073	-0,109	0,273
CHR13	1E+07	CHR13:10182540	SSF x Near_LoA	-8,888	0,136	0,254
CHR13	1E+07	CHR13:10182541	SSF x Near_LoA	-10,676	-0,027	0,285
CHR13	1018344	CHR13:1018344	SSF x Near_LoA	-4,910	0,180	0,274

CHR13	1018408	CHR13:1018408	SSF x Near_LoA	-8,327	-0,021	0,270
CHR13	1018536	CHR13:1018536	SSF x Near_LoA	-7,335	0,055	0,298
CHR13	1E+07	CHR13:1018920	SSF x Near_LoA	-6,198	0,115	0,271
CHR13	1E+07	CHR13:1018923	SSF x Near_LoA	-3,467	-0,167	0,277
CHR13	1E+07	CHR13:1018925	SSF x Near_LoA	-6,385	0,119	0,276
CHR13	1E+07	CHR13:1018927	SSF x Near_LoA	-8,320	-0,070	0,275
CHR13	1E+07	CHR13:1019378	SSF x Near_LoA	-8,142	-0,154	0,288
CHR13	1019910	CHR13:1019910	SSF x Near_LoA	-9,338	-0,053	0,271
CHR13	1E+07	CHR13:1020513	SSF x Near_LoA	-7,247	-0,007	0,272
CHR13	1E+07	CHR13:1020513	SSF x Near_LoA	-8,168	0,042	0,293
CHR13	1E+07	CHR13:1020529	SSF x Near_LoA	-7,939	0,060	0,278
CHR13	1E+07	CHR13:1020531	SSF x Near_LoA	-8,911	0,031	0,287
CHR13	1E+07	CHR13:1020533	SSF x Near_LoA	-4,906	0,131	0,292
CHR13	1E+07	CHR13:1020541	SSF x Near_LoA	-6,282	-0,140	0,282
CHR13	1E+07	CHR13:1020547	SSF x Near_LoA	-7,779	-0,072	0,296
CHR13	1E+07	CHR13:1022073	SSF x Near_LoA	-6,509	0,083	0,300
CHR13	1E+07	CHR13:1022088	SSF x Near_LoA	-8,056	0,040	0,281
CHR13	1E+07	CHR13:1022348	SSF x Near_LoA	-8,524	0,091	0,285
CHR13	1E+07	CHR13:1022351	SSF x Near_LoA	-7,527	-0,001	0,294
CHR13	1E+07	CHR13:1022358	SSF x Near_LoA	-8,655	0,124	0,281
CHR13	1E+07	CHR13:1023063	SSF x Near_LoA	-8,290	-0,027	0,287
CHR13	1E+07	CHR13:1023368	SSF x Near_LoA	-5,434	-0,186	0,279
CHR13	1E+07	CHR13:1023373	SSF x Near_LoA	-7,237	0,147	0,272
CHR13	1E+07	CHR13:1023379	SSF x Near_LoA	-7,403	-0,097	0,278
CHR13	1E+07	CHR13:1023380	SSF x Near_LoA	-6,717	-0,153	0,284
CHR13	1E+07	CHR13:1023382	SSF x Near_LoA	-9,211	0,063	0,302
CHR13	1E+07	CHR13:1023386	SSF x Near_LoA	-6,263	-0,069	0,288
CHR13	1E+07	CHR13:1023391	SSF x Near_LoA	-8,064	-0,043	0,280
CHR13	1E+07	CHR13:1023693	SSF x Near_LoA	-9,601	-0,032	0,266
CHR13	1E+07	CHR13:1023706	SSF x Near_LoA	-5,148	-0,189	0,285
CHR13	1E+07	CHR13:1023709	SSF x Near_LoA	-8,884	-0,036	0,302
CHR13	1E+07	CHR13:1023709	SSF x Near_LoA	-8,588	0,089	0,279
CHR13	1E+07	CHR13:1023716	SSF x Near_LoA	-9,424	0,149	0,267
CHR13	1E+07	CHR13:1023725	SSF x Near_LoA	-5,738	0,003	0,286
CHR13	1024153	CHR13:1024153	SSF x Near_LoA	-3,771	-0,081	0,295
CHR13	1024189	CHR13:1024189	SSF x Near_LoA	-5,831	0,162	0,266
CHR13	1024194	CHR13:1024194	SSF x Near_LoA	-7,654	0,013	0,297
CHR13	1024251	CHR13:1024251	SSF x Near_LoA	-6,952	-0,075	0,281
CHR13	1024308	CHR13:1024308	SSF x Near_LoA	-8,038	0,000	0,269
CHR13	1E+07	CHR13:1024351	SSF x Near_LoA	-5,634	0,145	0,277
CHR13	1E+07	CHR13:1024361	SSF x Near_LoA	-6,333	0,116	0,271
CHR13	1E+07	CHR13:1024369	SSF x Near_LoA	-7,240	-0,034	0,290
CHR13	1E+07	CHR13:1024371	SSF x Near_LoA	-4,576	0,199	0,290
CHR13	1E+07	CHR13:1024375	SSF x Near_LoA	-9,437	-0,022	0,268
CHR13	1E+07	CHR13:1024881	SSF x Near_LoA	-7,996	-0,115	0,287
CHR13	1E+07	CHR13:1024881	SSF x Near_LoA	-8,224	-0,117	0,280
CHR13	1E+07	CHR13:1025545	SSF x Near_LoA	-7,693	-0,063	0,279
CHR13	1E+07	CHR13:1026929	SSF x Near_LoA	-7,218	-0,101	0,292
CHR13	1E+07	CHR13:1026933	SSF x Near_LoA	-8,657	-0,020	0,286
CHR13	1E+07	CHR13:1026956	SSF x Near_LoA	-7,555	-0,047	0,288
CHR13	1029284	CHR13:1029284	SSF x Near_LoA	-8,232	-0,033	0,296
CHR13	1E+07	CHR13:1029293	SSF x Near_LoA	-8,699	0,121	0,294
CHR13	1E+07	CHR13:1029307	SSF x Near_LoA	-9,356	-0,037	0,281

CHR13	1E+07	CHR13:10293076	SSF x Near_LoA	-7,721	0,016	0,305
CHR13	1E+07	CHR13:10293092	SSF x Near_LoA	-8,106	-0,049	0,281
CHR13	1E+07	CHR13:10293984	SSF x Near_LoA	-3,634	0,171	0,273
CHR13	1E+07	CHR13:10294106	SSF x Near_LoA	-10,163	0,076	0,295
CHR13	1E+07	CHR13:10294124	SSF x Near_LoA	-6,643	0,139	0,275
CHR13	1E+07	CHR13:10294222	SSF x Near_LoA	-8,890	0,032	0,276
CHR13	1E+07	CHR13:10294271	SSF x Near_LoA	-2,359	0,139	0,284
CHR13	1E+07	CHR13:10294284	SSF x Near_LoA	-7,686	-0,163	0,285
CHR13	1029503	CHR13:1029503	SSF x Near_LoA	-9,458	-0,058	0,278
CHR13	1029515	CHR13:1029515	SSF x Near_LoA	-10,244	-0,008	0,283
CHR13	1029519	CHR13:1029519	SSF x Near_LoA	-10,580	0,041	0,285
CHR13	1E+07	CHR13:10303366	SSF x Near_LoA	-7,131	0,076	0,282
CHR13	1E+07	CHR13:10303501	SSF x Near_LoA	-6,764	-0,066	0,298
CHR13	1E+07	CHR13:10305746	SSF x Near_LoA	-9,263	0,030	0,293
CHR13	1E+07	CHR13:10306098	SSF x Near_LoA	-7,308	0,057	0,295
CHR13	1E+07	CHR13:10315394	SSF x Near_LoA	-8,929	0,129	0,275
CHR13	1E+07	CHR13:10315508	SSF x Near_LoA	-9,211	0,073	0,284
CHR13	1E+07	CHR13:10315591	SSF x Near_LoA	-8,002	-0,181	0,278
CHR13	1E+07	CHR13:10318020	SSF x Near_LoA	-7,928	0,075	0,277
CHR13	1E+07	CHR13:10318197	SSF x Near_LoA	-9,956	0,095	0,267
CHR13	1E+07	CHR13:10323053	SSF x Near_LoA	-9,016	-0,030	0,298
CHR13	1E+07	CHR13:10323298	SSF x Near_LoA	-10,153	-0,040	0,278
CHR13	1E+07	CHR13:10328824	SSF x Near_LoA	-10,607	0,112	0,265
CHR13	1E+07	CHR13:10328973	SSF x Near_LoA	-7,549	-0,074	0,269
CHR13	1E+07	CHR13:10328997	SSF x Near_LoA	-9,597	0,065	0,291
CHR13	1E+07	CHR13:10333396	SSF x Near_LoA	5,966	-0,179	0,269
CHR13	1E+07	CHR13:10333429	SSF x Near_LoA	-9,839	0,043	0,293
CHR13	1E+07	CHR13:10333439	SSF x Near_LoA	-9,373	-0,021	0,293
CHR13	1E+07	CHR13:10333441	SSF x Near_LoA	-6,395	0,156	0,269
CHR13	1E+07	CHR13:10333460	SSF x Near_LoA	-9,795	-0,009	0,294
CHR13	1E+07	CHR13:10333480	SSF x Near_LoA	-8,664	-0,024	0,287
CHR13	1E+07	CHR13:10333501	SSF x Near_LoA	-6,984	0,127	0,275
CHR13	1E+07	CHR13:10346308	SSF x Near_LoA	-7,981	-0,057	0,274
CHR13	1E+07	CHR13:10346372	SSF x Near_LoA	-8,791	-0,023	0,282
CHR13	1E+07	CHR13:10346375	SSF x Near_LoA	-6,066	-0,121	0,288
CHR13	1E+07	CHR13:10346396	SSF x Near_LoA	-7,655	0,091	0,290
CHR13	1E+07	CHR13:10346416	SSF x Near_LoA	-7,975	-0,104	0,295
CHR13	1E+07	CHR13:10346418	SSF x Near_LoA	-7,684	0,097	0,289
CHR13	1E+07	CHR13:10346513	SSF x Near_LoA	-6,692	-0,069	0,279
CHR13	1E+07	CHR13:10349542	SSF x Near_LoA	-10,032	-0,025	0,284
CHR13	1E+07	CHR13:10349544	SSF x Near_LoA	-7,154	0,091	0,291
CHR13	1E+07	CHR13:10349637	SSF x Near_LoA	-7,620	0,063	0,282
CHR13	1E+07	CHR13:10349641	SSF x Near_LoA	-3,808	0,156	0,284
CHR13	1E+07	CHR13:10349675	SSF x Near_LoA	-8,331	-0,086	0,285
CHR13	1E+07	CHR13:10352360	SSF x Near_LoA	-10,320	0,008	0,281
CHR13	1E+07	CHR13:10352493	SSF x Near_LoA	-7,862	0,039	0,286
CHR13	1E+07	CHR13:10352511	SSF x Near_LoA	-9,924	-0,002	0,293
CHR13	1E+07	CHR13:10368245	SSF x Near_LoA	-7,828	-0,192	0,276
CHR13	1E+07	CHR13:10368247	SSF x Near_LoA	-7,315	-0,215	0,277
CHR13	1E+07	CHR13:10368299	SSF x Near_LoA	-8,262	-0,068	0,299
CHR13	1E+07	CHR13:10368374	SSF x Near_LoA	-6,638	0,105	0,276
CHR13	1E+07	CHR13:10368422	SSF x Near_LoA	-3,456	-0,223	0,267
CHR13	1E+07	CHR13:10379558	SSF x Near_LoA	-7,937	-0,067	0,295

CHR13	1E+07	CHR13:10382935	SSF x Near_LoA	1,643	-0,149	0,283
CHR13	1E+07	CHR13:10387920	SSF x Near_LoA	-7,954	0,068	0,287
CHR13	1E+07	CHR13:10388012	SSF x Near_LoA	-4,934	0,209	0,278
CHR13	1E+07	CHR13:10388061	SSF x Near_LoA	-7,360	0,128	0,285
CHR13	1E+07	CHR13:10388069	SSF x Near_LoA	-7,877	-0,021	0,282
CHR13	1E+07	CHR13:10391991	SSF x Near_LoA	-8,234	0,004	0,284
CHR13	1E+07	CHR13:10392033	SSF x Near_LoA	-10,300	-0,015	0,283
CHR13	1E+07	CHR13:10392092	SSF x Near_LoA	-10,111	-0,010	0,296
CHR13	1E+07	CHR13:10392562	SSF x Near_LoA	-10,374	-0,017	0,286
CHR13	1E+07	CHR13:10392565	SSF x Near_LoA	-0,377	-0,202	0,277
CHR13	1E+07	CHR13:10404410	SSF x Near_LoA	-7,645	-0,151	0,288
CHR13	1E+07	CHR13:10414576	SSF x Near_LoA	-7,075	-0,013	0,280
CHR13	1E+07	CHR13:10414682	SSF x Near_LoA	-8,165	0,105	0,278
CHR13	1E+07	CHR13:10414715	SSF x Near_LoA	-3,627	0,118	0,279
CHR13	1E+07	CHR13:10416106	SSF x Near_LoA	-9,954	0,061	0,267
CHR13	1E+07	CHR13:10419359	SSF x Near_LoA	-4,815	0,186	0,281
CHR13	1E+07	CHR13:10419438	SSF x Near_LoA	-7,410	0,018	0,287
CHR13	1E+07	CHR13:10419572	SSF x Near_LoA	-9,446	0,024	0,295
CHR13	1E+07	CHR13:10429978	SSF x Near_LoA	0,639	-0,309	0,275
CHR13	1E+07	CHR13:10430069	SSF x Near_LoA	-8,555	0,019	0,300
CHR13	1E+07	CHR13:10434566	SSF x Near_LoA	-5,983	-0,183	0,282
CHR13	1E+07	CHR13:10451809	SSF x Near_LoA	-8,163	0,099	0,264
CHR13	1E+07	CHR13:10451930	SSF x Near_LoA	-8,241	0,072	0,286
CHR13	1E+07	CHR13:10457369	SSF x Near_LoA	-8,592	-0,096	0,279
CHR13	1E+07	CHR13:10457385	SSF x Near_LoA	-7,024	-0,066	0,291
CHR13	1E+07	CHR13:10457402	SSF x Near_LoA	-9,618	0,005	0,296
CHR13	1E+07	CHR13:10457405	SSF x Near_LoA	-9,325	-0,006	0,295
CHR13	1E+07	CHR13:10472588	SSF x Near_LoA	-11,041	0,039	0,286
CHR13	1E+07	CHR13:10482278	SSF x Near_LoA	-8,552	0,047	0,281
CHR13	1E+07	CHR13:10489463	SSF x Near_LoA	-8,435	0,081	0,281
CHR13	1049650	CHR13:1049650	SSF x Near_LoA	-8,616	-0,025	0,281
CHR13	1049772	CHR13:1049772	SSF x Near_LoA	-9,139	-0,046	0,295
CHR13	1049774	CHR13:1049774	SSF x Near_LoA	-6,611	0,130	0,283
CHR13	1E+07	CHR13:10497836	SSF x Near_LoA	-9,138	0,095	0,301
CHR13	1E+07	CHR13:10497948	SSF x Near_LoA	-7,105	0,117	0,285
CHR13	1049806	CHR13:1049806	SSF x Near_LoA	-7,276	0,025	0,293
CHR13	10519683	CHR13:10519683	SSF x Near_LoA	-7,427	-0,098	0,294
CHR13	10526443	CHR13:10526443	SSF x Near_LoA	-9,687	-0,062	0,303
CHR13	10526556	CHR13:10526556	SSF x Near_LoA	-9,825	0,030	0,298
CHR13	10526603	CHR13:10526603	SSF x Near_LoA	-0,960	0,275	0,262
CHR13	10526623	CHR13:10526623	SSF x Near_LoA	-6,729	-0,100	0,304
CHR13	10541162	CHR13:10541162	SSF x Near_LoA	-8,050	-0,030	0,283
CHR13	10541251	CHR13:10541251	SSF x Near_LoA	-8,054	-0,013	0,296
CHR13	10541270	CHR13:10541270	SSF x Near_LoA	-8,326	-0,047	0,284
CHR13	10542663	CHR13:10542663	SSF x Near_LoA	-9,702	0,017	0,292
CHR13	10556440	CHR13:10556440	SSF x Near_LoA	-8,997	0,072	0,288
CHR13	10561263	CHR13:10561263	SSF x Near_LoA	-9,551	0,005	0,290
CHR13	10561292	CHR13:10561292	SSF x Near_LoA	-11,066	0,015	0,291
CHR13	10561609	CHR13:10561609	SSF x Near_LoA	-8,146	0,028	0,279
CHR13	10619414	CHR13:10619414	SSF x Near_LoA	-9,664	-0,102	0,300
CHR13	10619671	CHR13:10619671	SSF x Near_LoA	-6,515	-0,079	0,293
CHR13	1062281	CHR13:1062281	SSF x Near_LoA	-8,614	0,024	0,294
CHR13	1062418	CHR13:1062418	SSF x Near_LoA	-9,352	-0,087	0,279

CHR13	1062473	CHR13:1062473	SSF x Near_LoA	-9,642	0,051	0,287
CHR13	10624865	CHR13:10624865	SSF x Near_LoA	-2,465	-0,260	0,267
CHR13	10624898	CHR13:10624898	SSF x Near_LoA	-6,876	0,033	0,284
CHR13	10624902	CHR13:10624902	SSF x Near_LoA	-7,848	0,051	0,271
CHR13	10624908	CHR13:10624908	SSF x Near_LoA	-7,533	0,058	0,279
CHR13	1062562	CHR13:1062562	SSF x Near_LoA	-10,742	0,044	0,279
CHR13	10647882	CHR13:10647882	SSF x Near_LoA	-9,357	0,013	0,293
CHR13	10648087	CHR13:10648087	SSF x Near_LoA	-9,128	0,026	0,287
CHR13	10649127	CHR13:10649127	SSF x Near_LoA	-8,299	-0,076	0,287
CHR13	10649305	CHR13:10649305	SSF x Near_LoA	-5,994	0,151	0,288
CHR13	10651150	CHR13:10651150	SSF x Near_LoA	-9,720	0,037	0,271
CHR13	10657023	CHR13:10657023	SSF x Near_LoA	-8,122	0,053	0,273
CHR13	10673170	CHR13:10673170	SSF x Near_LoA	-4,299	0,184	0,277
CHR13	10673244	CHR13:10673244	SSF x Near_LoA	-5,167	0,160	0,273
CHR13	10673253	CHR13:10673253	SSF x Near_LoA	-8,406	0,018	0,283
CHR13	10673342	CHR13:10673342	SSF x Near_LoA	-4,929	-0,162	0,291
CHR13	10684670	CHR13:10684670	SSF x Near_LoA	-5,828	-0,093	0,278
CHR13	10684752	CHR13:10684752	SSF x Near_LoA	-8,385	-0,168	0,267
CHR13	10684760	CHR13:10684760	SSF x Near_LoA	-2,311	-0,188	0,281
CHR13	10696431	CHR13:10696431	SSF x Near_LoA	-1,321	0,087	0,289
CHR13	10696437	CHR13:10696437	SSF x Near_LoA	-7,293	0,105	0,256
CHR13	10698782	CHR13:10698782	SSF x Near_LoA	-6,241	-0,113	0,284
CHR13	1070327	CHR13:1070327	SSF x Near_LoA	-10,360	-0,014	0,291
CHR13	10719480	CHR13:10719480	SSF x Near_LoA	-8,495	-0,051	0,293
CHR13	10719492	CHR13:10719492	SSF x Near_LoA	-8,182	0,169	0,284
CHR13	10719583	CHR13:10719583	SSF x Near_LoA	-6,063	0,073	0,301
CHR13	10719592	CHR13:10719592	SSF x Near_LoA	-4,250	-0,165	0,273
CHR13	10738925	CHR13:10738925	SSF x Near_LoA	-4,953	0,261	0,267
CHR13	10738963	CHR13:10738963	SSF x Near_LoA	-7,252	-0,187	0,283
CHR13	10745123	CHR13:10745123	SSF x Near_LoA	-8,339	0,044	0,294
CHR13	10745209	CHR13:10745209	SSF x Near_LoA	-8,336	0,015	0,296
CHR13	10755728	CHR13:10755728	SSF x Near_LoA	-4,916	0,175	0,282
CHR13	10755842	CHR13:10755842	SSF x Near_LoA	-10,011	-0,007	0,297
CHR13	10768072	CHR13:10768072	SSF x Near_LoA	-6,081	0,127	0,279
CHR13	10769154	CHR13:10769154	SSF x Near_LoA	-8,750	-0,113	0,284
CHR13	10772382	CHR13:10772382	SSF x Near_LoA	-10,240	0,095	0,282
CHR13	1079041	CHR13:1079041	SSF x Near_LoA	-10,062	0,055	0,286
CHR13	10792914	CHR13:10792914	SSF x Near_LoA	-5,922	-0,075	0,291
CHR13	10800355	CHR13:10800355	SSF x Near_LoA	-9,908	-0,019	0,282
CHR13	10805871	CHR13:10805871	SSF x Near_LoA	-8,729	-0,104	0,278
CHR13	10805938	CHR13:10805938	SSF x Near_LoA	-10,763	0,008	0,290
CHR13	10805971	CHR13:10805971	SSF x Near_LoA	-7,234	0,059	0,284
CHR13	10805991	CHR13:10805991	SSF x Near_LoA	-7,159	-0,041	0,282
CHR13	10806025	CHR13:10806025	SSF x Near_LoA	-3,332	-0,065	0,277
CHR13	10806161	CHR13:10806161	SSF x Near_LoA	-7,953	-0,047	0,284
CHR13	10806169	CHR13:10806169	SSF x Near_LoA	-7,749	-0,036	0,281
CHR13	10826557	CHR13:10826557	SSF x Near_LoA	-9,312	0,007	0,283
CHR13	10826716	CHR13:10826716	SSF x Near_LoA	-7,295	0,058	0,285
CHR13	10826743	CHR13:10826743	SSF x Near_LoA	-8,495	-0,032	0,302
CHR13	10826761	CHR13:10826761	SSF x Near_LoA	-8,099	0,023	0,270
CHR13	10826887	CHR13:10826887	SSF x Near_LoA	-7,063	-0,071	0,277
CHR13	10830626	CHR13:10830626	SSF x Near_LoA	-8,746	-0,020	0,303
CHR13	10842816	CHR13:10842816	SSF x Near_LoA	-8,529	-0,158	0,277

CHR13	10842820	CHR13:1084282(	SSF x Near_LoA	-7,479	-0,088	0,284
CHR13	10842829	CHR13:1084282(	SSF x Near_LoA	-8,396	0,009	0,299
CHR13	10843046	CHR13:1084304(	SSF x Near_LoA	-9,780	-0,123	0,283
CHR13	10853167	CHR13:1085316(	SSF x Near_LoA	-7,589	-0,121	0,279
CHR13	10853178	CHR13:1085317(	SSF x Near_LoA	-7,467	-0,045	0,302
CHR13	10853194	CHR13:1085319(	SSF x Near_LoA	-7,335	-0,004	0,297
CHR13	10866331	CHR13:1086633(	SSF x Near_LoA	-8,523	-0,049	0,276
CHR13	10873352	CHR13:1087335(	SSF x Near_LoA	-6,686	-0,007	0,288
CHR13	10873481	CHR13:1087348(	SSF x Near_LoA	-7,329	0,047	0,286
CHR13	10873516	CHR13:1087351(	SSF x Near_LoA	-8,720	-0,139	0,296
CHR13	10890919	CHR13:1089091(	SSF x Near_LoA	-8,793	0,084	0,267
CHR13	10898366	CHR13:1089836(	SSF x Near_LoA	-7,538	0,197	0,284
CHR13	10898408	CHR13:1089840(	SSF x Near_LoA	-7,202	-0,138	0,301
CHR13	10898606	CHR13:1089860(	SSF x Near_LoA	-8,001	-0,049	0,285
CHR13	10900524	CHR13:1090052(	SSF x Near_LoA	-7,666	0,053	0,285
CHR13	10902309	CHR13:1090230(	SSF x Near_LoA	-2,995	0,253	0,260
CHR13	10902355	CHR13:1090235(	SSF x Near_LoA	-6,897	0,047	0,288
CHR13	10902361	CHR13:1090236(	SSF x Near_LoA	-9,316	0,001	0,271
CHR13	10902454	CHR13:1090245(	SSF x Near_LoA	-9,022	0,014	0,293
CHR13	10902517	CHR13:1090251(	SSF x Near_LoA	-7,576	-0,033	0,287
CHR13	10902546	CHR13:1090254(	SSF x Near_LoA	-9,282	0,018	0,277
CHR13	10906738	CHR13:1090673(	SSF x Near_LoA	-7,618	0,014	0,278
CHR13	10906765	CHR13:1090676(	SSF x Near_LoA	-7,943	-0,007	0,284
CHR13	10906771	CHR13:1090677(	SSF x Near_LoA	-4,468	0,012	0,277
CHR13	10906834	CHR13:1090683(	SSF x Near_LoA	-6,591	-0,155	0,287
CHR13	10920082	CHR13:1092008(	SSF x Near_LoA	-7,503	0,144	0,260
CHR13	10920309	CHR13:1092030(	SSF x Near_LoA	-4,852	0,214	0,279
CHR13	1093071	CHR13:1093071	SSF x Near_LoA	-9,468	-0,003	0,278
CHR13	1093094	CHR13:1093094	SSF x Near_LoA	-8,359	-0,022	0,285
CHR13	1094606	CHR13:1094606	SSF x Near_LoA	-2,577	-0,027	0,295
CHR13	1094632	CHR13:1094632	SSF x Near_LoA	-10,447	0,074	0,273
CHR13	1094724	CHR13:1094724	SSF x Near_LoA	-9,897	-0,010	0,285
CHR13	10958674	CHR13:1095867(	SSF x Near_LoA	-7,626	0,131	0,291
CHR13	10958681	CHR13:1095868(	SSF x Near_LoA	-6,701	0,133	0,291
CHR13	10958737	CHR13:1095873(	SSF x Near_LoA	-8,171	0,002	0,289
CHR13	10964339	CHR13:1096433(	SSF x Near_LoA	-6,795	0,158	0,271
CHR13	10971340	CHR13:1097134(	SSF x Near_LoA	-6,942	-0,005	0,300
CHR13	1098237	CHR13:1098237	SSF x Near_LoA	-6,771	0,077	0,287
CHR13	10982518	CHR13:1098251(	SSF x Near_LoA	-8,699	-0,165	0,279
CHR13	1098408	CHR13:1098408	SSF x Near_LoA	-8,646	-0,025	0,287
CHR13	10988129	CHR13:1098812(	SSF x Near_LoA	-9,475	0,043	0,284
CHR13	10988151	CHR13:1098815(	SSF x Near_LoA	-9,039	-0,001	0,298
CHR13	10988473	CHR13:1098847(	SSF x Near_LoA	-7,257	-0,104	0,283
CHR13	10995318	CHR13:1099531(	SSF x Near_LoA	-9,243	0,006	0,281
CHR13	10995515	CHR13:1099551(	SSF x Near_LoA	-10,118	-0,069	0,279
CHR13	10995517	CHR13:1099551(	SSF x Near_LoA	-7,703	-0,045	0,280
CHR13	10995665	CHR13:1099566(	SSF x Near_LoA	-10,991	0,048	0,288
CHR13	11005789	CHR13:1100578(	SSF x Near_LoA	-7,137	0,059	0,288
CHR13	11006242	CHR13:1100624(	SSF x Near_LoA	-11,186	-0,024	0,278
CHR13	11021016	CHR13:1102101(	SSF x Near_LoA	-7,648	0,018	0,288
CHR13	11021062	CHR13:1102106(	SSF x Near_LoA	-10,529	0,053	0,294
CHR13	11022600	CHR13:1102260(	SSF x Near_LoA	-9,789	0,007	0,272
CHR13	11022647	CHR13:1102264(	SSF x Near_LoA	-11,450	-0,012	0,270

CHR13	11022661	CHR13:11022661	SSF x Near_LoA	-8,714	-0,060	0,283
CHR13	11022669	CHR13:11022669	SSF x Near_LoA	-7,160	0,160	0,275
CHR13	11022733	CHR13:11022733	SSF x Near_LoA	-5,666	-0,212	0,282
CHR13	11022793	CHR13:11022793	SSF x Near_LoA	-8,368	0,063	0,285
CHR13	11028370	CHR13:11028370	SSF x Near_LoA	-6,973	-0,116	0,291
CHR13	11028443	CHR13:11028443	SSF x Near_LoA	-9,572	-0,031	0,287
CHR13	11039231	CHR13:11039231	SSF x Near_LoA	-10,077	0,035	0,290
CHR13	11039293	CHR13:11039293	SSF x Near_LoA	-7,699	0,123	0,296
CHR13	11039356	CHR13:11039356	SSF x Near_LoA	-8,021	-0,048	0,284
CHR13	11041959	CHR13:11041959	SSF x Near_LoA	-7,632	0,024	0,294
CHR13	11042027	CHR13:11042027	SSF x Near_LoA	-7,799	0,089	0,293
CHR13	11042080	CHR13:11042080	SSF x Near_LoA	-6,500	-0,115	0,279
CHR13	11042216	CHR13:11042216	SSF x Near_LoA	-9,241	0,021	0,294
CHR13	11063668	CHR13:11063668	SSF x Near_LoA	-7,604	0,057	0,277
CHR13	11066797	CHR13:11066797	SSF x Near_LoA	-10,296	-0,030	0,290
CHR13	11066812	CHR13:11066812	SSF x Near_LoA	-8,884	0,076	0,269
CHR13	11066825	CHR13:11066825	SSF x Near_LoA	-7,947	0,015	0,270
CHR13	11066835	CHR13:11066835	SSF x Near_LoA	-8,723	0,081	0,275
CHR13	11066896	CHR13:11066896	SSF x Near_LoA	-9,409	-0,025	0,292
CHR13	11066943	CHR13:11066943	SSF x Near_LoA	-7,692	-0,059	0,283
CHR13	11067134	CHR13:11067134	SSF x Near_LoA	-10,031	0,019	0,289
CHR13	11067137	CHR13:11067137	SSF x Near_LoA	-10,245	0,014	0,285
CHR13	11074776	CHR13:11074776	SSF x Near_LoA	-7,961	-0,084	0,291
CHR13	11074784	CHR13:11074784	SSF x Near_LoA	-6,694	0,042	0,291
CHR13	11074955	CHR13:11074955	SSF x Near_LoA	-9,879	0,003	0,277
CHR13	11085089	CHR13:11085089	SSF x Near_LoA	-9,892	-0,085	0,295
CHR13	11085104	CHR13:11085104	SSF x Near_LoA	-10,268	0,008	0,278
CHR13	11086315	CHR13:11086315	SSF x Near_LoA	-8,875	-0,002	0,267
CHR13	11090074	CHR13:11090074	SSF x Near_LoA	-8,660	0,134	0,276
CHR13	11101987	CHR13:11101987	SSF x Near_LoA	-9,548	0,085	0,301
CHR13	11101994	CHR13:11101994	SSF x Near_LoA	-7,340	-0,114	0,289
CHR13	11102030	CHR13:11102030	SSF x Near_LoA	-10,500	-0,072	0,290
CHR13	1111813	CHR13:1111813	SSF x Near_LoA	-6,863	-0,113	0,275
CHR13	1111845	CHR13:1111845	SSF x Near_LoA	-10,571	-0,020	0,284
CHR13	1112043	CHR13:1112043	SSF x Near_LoA	-9,402	0,018	0,293
CHR13	1112136	CHR13:1112136	SSF x Near_LoA	-6,829	-0,123	0,274
CHR13	1112196	CHR13:1112196	SSF x Near_LoA	-6,687	-0,111	0,294
CHR13	1112211	CHR13:1112211	SSF x Near_LoA	-8,115	-0,106	0,285
CHR13	11151323	CHR13:11151323	SSF x Near_LoA	-7,947	0,036	0,298
CHR13	11152218	CHR13:11152218	SSF x Near_LoA	-7,012	0,019	0,277
CHR13	11152338	CHR13:11152338	SSF x Near_LoA	-8,581	-0,125	0,286
CHR13	11152355	CHR13:11152355	SSF x Near_LoA	-6,513	0,167	0,282
CHR13	11155675	CHR13:11155675	SSF x Near_LoA	-5,592	-0,111	0,280
CHR13	11155852	CHR13:11155852	SSF x Near_LoA	-5,032	0,056	0,291
CHR13	11173769	CHR13:11173769	SSF x Near_LoA	-7,277	-0,043	0,287
CHR13	11173784	CHR13:11173784	SSF x Near_LoA	-7,093	0,022	0,284
CHR13	11173797	CHR13:11173797	SSF x Near_LoA	-8,644	0,003	0,305
CHR13	11173827	CHR13:11173827	SSF x Near_LoA	-6,055	-0,080	0,292
CHR13	11173830	CHR13:11173830	SSF x Near_LoA	-6,123	-0,080	0,289
CHR13	11173877	CHR13:11173877	SSF x Near_LoA	-10,501	-0,020	0,287
CHR13	11173911	CHR13:11173911	SSF x Near_LoA	-8,850	0,074	0,297
CHR13	11177203	CHR13:11177203	SSF x Near_LoA	-9,106	-0,091	0,294
CHR13	11181590	CHR13:11181590	SSF x Near_LoA	-9,027	0,122	0,273

CHR13	11181641	CHR13:11181641	SSF x Near_LoA	-7,023	-0,040	0,297
CHR13	11192065	CHR13:11192065	SSF x Near_LoA	-6,735	-0,073	0,300
CHR13	11192448	CHR13:11192448	SSF x Near_LoA	-5,831	-0,076	0,297
CHR13	11210753	CHR13:11210753	SSF x Near_LoA	-9,783	0,003	0,292
CHR13	11210764	CHR13:11210764	SSF x Near_LoA	0,468	0,177	0,271
CHR13	11216626	CHR13:11216626	SSF x Near_LoA	-7,813	0,077	0,273
CHR13	11216667	CHR13:11216667	SSF x Near_LoA	-9,259	0,049	0,291
CHR13	11229972	CHR13:11229972	SSF x Near_LoA	-3,909	-0,140	0,282
CHR13	11231507	CHR13:11231507	SSF x Near_LoA	-8,157	-0,078	0,291
CHR13	11231551	CHR13:11231551	SSF x Near_LoA	-9,874	-0,061	0,270
CHR13	11231579	CHR13:11231579	SSF x Near_LoA	-4,791	-0,136	0,292
CHR13	11231589	CHR13:11231589	SSF x Near_LoA	-6,574	-0,153	0,297
CHR13	11231590	CHR13:11231590	SSF x Near_LoA	-1,136	0,147	0,277
CHR13	11238226	CHR13:11238226	SSF x Near_LoA	-8,567	0,140	0,283
CHR13	11238352	CHR13:11238352	SSF x Near_LoA	-8,619	0,057	0,288
CHR13	11238373	CHR13:11238373	SSF x Near_LoA	-10,644	-0,004	0,288
CHR13	11238421	CHR13:11238421	SSF x Near_LoA	-6,214	0,127	0,289
CHR13	11263364	CHR13:11263364	SSF x Near_LoA	-7,484	-0,079	0,274
CHR13	11263388	CHR13:11263388	SSF x Near_LoA	-8,767	-0,039	0,285
CHR13	1126508	CHR13:1126508	SSF x Near_LoA	-7,761	-0,108	0,284
CHR13	11265151	CHR13:11265151	SSF x Near_LoA	-6,822	0,186	0,272
CHR13	11265207	CHR13:11265207	SSF x Near_LoA	-4,502	0,166	0,275
CHR13	11265261	CHR13:11265261	SSF x Near_LoA	-5,120	-0,190	0,266
CHR13	11265264	CHR13:11265264	SSF x Near_LoA	-7,552	-0,074	0,284
CHR13	11265306	CHR13:11265306	SSF x Near_LoA	-6,626	-0,014	0,288
CHR13	11265315	CHR13:11265315	SSF x Near_LoA	-6,689	0,131	0,288
CHR13	1126631	CHR13:1126631	SSF x Near_LoA	-5,698	0,163	0,289
CHR13	1126681	CHR13:1126681	SSF x Near_LoA	-8,520	0,042	0,268
CHR13	1126859	CHR13:1126859	SSF x Near_LoA	-10,852	-0,021	0,291
CHR13	11278361	CHR13:11278361	SSF x Near_LoA	-7,252	0,082	0,269
CHR13	11278485	CHR13:11278485	SSF x Near_LoA	-7,491	0,135	0,267
CHR13	11287437	CHR13:11287437	SSF x Near_LoA	-5,030	0,174	0,272
CHR13	11287466	CHR13:11287466	SSF x Near_LoA	-8,461	0,026	0,276
CHR13	11287510	CHR13:11287510	SSF x Near_LoA	-7,133	-0,037	0,287
CHR13	11287529	CHR13:11287529	SSF x Near_LoA	-7,394	-0,092	0,295
CHR13	11287535	CHR13:11287535	SSF x Near_LoA	-7,442	0,013	0,283
CHR13	11287544	CHR13:11287544	SSF x Near_LoA	-7,256	0,080	0,272
CHR13	11287590	CHR13:11287590	SSF x Near_LoA	-10,043	0,048	0,287
CHR13	11287593	CHR13:11287593	SSF x Near_LoA	-4,720	-0,149	0,297
CHR13	11341652	CHR13:11341652	SSF x Near_LoA	-8,566	-0,051	0,281
CHR13	11341673	CHR13:11341673	SSF x Near_LoA	-8,568	0,019	0,291
CHR13	11341690	CHR13:11341690	SSF x Near_LoA	-7,510	-0,101	0,290
CHR13	11341714	CHR13:11341714	SSF x Near_LoA	-6,353	-0,067	0,287
CHR13	11341728	CHR13:11341728	SSF x Near_LoA	-7,842	-0,034	0,295
CHR13	11341737	CHR13:11341737	SSF x Near_LoA	-9,877	0,081	0,266
CHR13	11341761	CHR13:11341761	SSF x Near_LoA	2,903	-0,197	0,265
CHR13	11341789	CHR13:11341789	SSF x Near_LoA	-8,557	-0,085	0,306
CHR13	11348628	CHR13:11348628	SSF x Near_LoA	-7,102	0,097	0,293
CHR13	11350682	CHR13:11350682	SSF x Near_LoA	-3,181	0,175	0,277
CHR13	11350893	CHR13:11350893	SSF x Near_LoA	-10,112	0,082	0,276
CHR13	11379193	CHR13:11379193	SSF x Near_LoA	-9,426	-0,028	0,293
CHR13	11379281	CHR13:11379281	SSF x Near_LoA	-8,511	-0,054	0,274
CHR13	11385039	CHR13:11385039	SSF x Near_LoA	-10,226	0,061	0,294

CHR13	11386076	CHR13:11386076	SSF x Near_LoA	-7,429	0,028	0,291
CHR13	1139623	CHR13:1139623	SSF x Near_LoA	-6,526	-0,123	0,283
CHR13	1139778	CHR13:1139778	SSF x Near_LoA	-7,719	0,013	0,298
CHR13	1139833	CHR13:1139833	SSF x Near_LoA	-7,420	-0,158	0,280
CHR13	1139850	CHR13:1139850	SSF x Near_LoA	-8,767	0,087	0,279
CHR13	1139866	CHR13:1139866	SSF x Near_LoA	-8,925	0,057	0,289
CHR13	11431918	CHR13:11431918	SSF x Near_LoA	-9,558	0,006	0,286
CHR13	11432141	CHR13:11432141	SSF x Near_LoA	-7,548	0,045	0,289
CHR13	11439774	CHR13:11439774	SSF x Near_LoA	-8,073	-0,114	0,268
CHR13	11439846	CHR13:11439846	SSF x Near_LoA	-9,385	0,030	0,273
CHR13	11441253	CHR13:11441253	SSF x Near_LoA	-6,223	0,145	0,275
CHR13	11441289	CHR13:11441289	SSF x Near_LoA	-7,075	0,147	0,284
CHR13	11451356	CHR13:11451356	SSF x Near_LoA	-8,266	0,055	0,262
CHR13	11451512	CHR13:11451512	SSF x Near_LoA	-6,751	0,073	0,294
CHR13	1145808	CHR13:1145808	SSF x Near_LoA	-7,492	0,026	0,287
CHR13	1145893	CHR13:1145893	SSF x Near_LoA	-7,708	-0,112	0,293
CHR13	11473680	CHR13:11473680	SSF x Near_LoA	-9,210	-0,027	0,294
CHR13	11475225	CHR13:11475225	SSF x Near_LoA	-8,717	0,002	0,286
CHR13	11475233	CHR13:11475233	SSF x Near_LoA	-9,878	0,079	0,276
CHR13	11475251	CHR13:11475251	SSF x Near_LoA	-9,088	0,002	0,287
CHR13	11482915	CHR13:11482915	SSF x Near_LoA	-8,666	0,023	0,281
CHR13	11482918	CHR13:11482918	SSF x Near_LoA	-7,267	0,032	0,289
CHR13	11482940	CHR13:11482940	SSF x Near_LoA	-7,950	-0,010	0,283
CHR13	11482947	CHR13:11482947	SSF x Near_LoA	-7,366	0,012	0,281
CHR13	11482957	CHR13:11482957	SSF x Near_LoA	-7,889	-0,020	0,288
CHR13	11482981	CHR13:11482981	SSF x Near_LoA	-8,576	-0,023	0,294
CHR13	11483068	CHR13:11483068	SSF x Near_LoA	-6,140	0,072	0,282
CHR13	11483201	CHR13:11483201	SSF x Near_LoA	-9,330	-0,047	0,279
CHR13	11487290	CHR13:11487290	SSF x Near_LoA	-8,025	0,024	0,307
CHR13	11487369	CHR13:11487369	SSF x Near_LoA	-6,129	-0,074	0,299
CHR13	11502275	CHR13:11502275	SSF x Near_LoA	-7,026	0,003	0,311
CHR13	11502311	CHR13:11502311	SSF x Near_LoA	-3,469	-0,126	0,289
CHR13	11503206	CHR13:11503206	SSF x Near_LoA	-9,251	-0,107	0,284
CHR13	11504341	CHR13:11504341	SSF x Near_LoA	-11,428	0,006	0,281
CHR13	11508816	CHR13:11508816	SSF x Near_LoA	2,158	-0,063	0,266
CHR13	11508833	CHR13:11508833	SSF x Near_LoA	-4,537	0,195	0,261
CHR13	11515107	CHR13:11515107	SSF x Near_LoA	-6,996	-0,099	0,255
CHR13	11515400	CHR13:11515400	SSF x Near_LoA	-7,945	-0,057	0,263
CHR13	11515422	CHR13:11515422	SSF x Near_LoA	-7,121	-0,069	0,280
CHR13	11524571	CHR13:11524571	SSF x Near_LoA	-8,227	0,112	0,289
CHR13	11524587	CHR13:11524587	SSF x Near_LoA	-6,166	-0,050	0,287
CHR13	11524612	CHR13:11524612	SSF x Near_LoA	-9,236	0,051	0,275
CHR13	11524615	CHR13:11524615	SSF x Near_LoA	-7,798	-0,039	0,275
CHR13	11524865	CHR13:11524865	SSF x Near_LoA	-9,704	-0,017	0,285
CHR13	11527370	CHR13:11527370	SSF x Near_LoA	-10,390	-0,070	0,290
CHR13	11527381	CHR13:11527381	SSF x Near_LoA	-6,286	-0,005	0,291
CHR13	11555064	CHR13:11555064	SSF x Near_LoA	-5,717	0,155	0,283
CHR13	11555113	CHR13:11555113	SSF x Near_LoA	-5,788	0,138	0,297
CHR13	11565495	CHR13:11565495	SSF x Near_LoA	-9,166	0,040	0,278
CHR13	11566864	CHR13:11566864	SSF x Near_LoA	-4,254	0,178	0,285
CHR13	11581650	CHR13:11581650	SSF x Near_LoA	-10,712	-0,006	0,276
CHR13	11581747	CHR13:11581747	SSF x Near_LoA	-8,374	0,070	0,282
CHR13	11582826	CHR13:11582826	SSF x Near_LoA	-8,285	-0,115	0,271

CHR13	11586065	CHR13:11586065	SSF x Near_LoA	-10,521	-0,019	0,288
CHR13	11586066	CHR13:11586066	SSF x Near_LoA	-9,396	-0,024	0,304
CHR13	11586088	CHR13:11586088	SSF x Near_LoA	-9,971	-0,074	0,281
CHR13	11586095	CHR13:11586095	SSF x Near_LoA	-10,357	-0,016	0,287
CHR13	11586216	CHR13:11586216	SSF x Near_LoA	-6,865	-0,080	0,302
CHR13	11603058	CHR13:11603058	SSF x Near_LoA	-8,994	-0,146	0,281
CHR13	11603121	CHR13:11603121	SSF x Near_LoA	-7,364	0,013	0,286
CHR13	11606598	CHR13:11606598	SSF x Near_LoA	-6,217	-0,121	0,291
CHR13	11619008	CHR13:11619008	SSF x Near_LoA	-7,469	-0,107	0,292
CHR13	11619019	CHR13:11619019	SSF x Near_LoA	-9,088	-0,143	0,277
CHR13	11619036	CHR13:11619036	SSF x Near_LoA	-7,564	-0,116	0,284
CHR13	11619079	CHR13:11619079	SSF x Near_LoA	-7,254	0,237	0,257
CHR13	11619113	CHR13:11619113	SSF x Near_LoA	-4,300	0,197	0,278
CHR13	11625140	CHR13:11625140	SSF x Near_LoA	-7,846	-0,097	0,275
CHR13	11625143	CHR13:11625143	SSF x Near_LoA	-5,053	0,252	0,277
CHR13	11653227	CHR13:11653227	SSF x Near_LoA	-8,608	0,010	0,272
CHR13	11653275	CHR13:11653275	SSF x Near_LoA	-4,855	0,076	0,288
CHR13	11653341	CHR13:11653341	SSF x Near_LoA	-8,797	-0,054	0,293
CHR13	11653511	CHR13:11653511	SSF x Near_LoA	-10,517	0,032	0,287
CHR13	11653560	CHR13:11653560	SSF x Near_LoA	-8,878	-0,077	0,286
CHR13	11660685	CHR13:11660685	SSF x Near_LoA	-9,626	0,095	0,281
CHR13	11660872	CHR13:11660872	SSF x Near_LoA	-8,044	-0,023	0,300
CHR13	11684223	CHR13:11684223	SSF x Near_LoA	-9,860	-0,069	0,275
CHR13	11684246	CHR13:11684246	SSF x Near_LoA	-6,887	0,137	0,278
CHR13	11684271	CHR13:11684271	SSF x Near_LoA	-6,700	-0,107	0,288
CHR13	11684324	CHR13:11684324	SSF x Near_LoA	-3,014	-0,122	0,291
CHR13	11691147	CHR13:11691147	SSF x Near_LoA	-10,208	-0,002	0,288
CHR13	11691155	CHR13:11691155	SSF x Near_LoA	-8,697	-0,075	0,269
CHR13	11691164	CHR13:11691164	SSF x Near_LoA	-8,192	0,036	0,266
CHR13	11691314	CHR13:11691314	SSF x Near_LoA	-7,602	-0,042	0,291
CHR13	11691401	CHR13:11691401	SSF x Near_LoA	-6,505	0,119	0,284
CHR13	11691430	CHR13:11691430	SSF x Near_LoA	-7,370	0,004	0,281
CHR13	11691442	CHR13:11691442	SSF x Near_LoA	-8,362	-0,068	0,286
CHR13	11691458	CHR13:11691458	SSF x Near_LoA	-6,706	0,001	0,286
CHR13	11697495	CHR13:11697495	SSF x Near_LoA	-9,231	0,109	0,278
CHR13	11697627	CHR13:11697627	SSF x Near_LoA	-8,725	0,106	0,276
CHR13	11702825	CHR13:11702825	SSF x Near_LoA	-7,244	0,065	0,287
CHR13	11702838	CHR13:11702838	SSF x Near_LoA	-6,933	-0,047	0,300
CHR13	11705479	CHR13:11705479	SSF x Near_LoA	-4,872	0,103	0,290
CHR13	11705593	CHR13:11705593	SSF x Near_LoA	-9,900	0,136	0,283
CHR13	11705701	CHR13:11705701	SSF x Near_LoA	-10,202	-0,028	0,292
CHR13	11705725	CHR13:11705725	SSF x Near_LoA	-10,589	-0,090	0,272
CHR13	11711787	CHR13:11711787	SSF x Near_LoA	-8,394	0,144	0,287
CHR13	11711866	CHR13:11711866	SSF x Near_LoA	-6,538	0,021	0,293
CHR13	11712950	CHR13:11712950	SSF x Near_LoA	-6,412	0,188	0,277
CHR13	11730490	CHR13:11730490	SSF x Near_LoA	-7,868	-0,060	0,294
CHR13	11730658	CHR13:11730658	SSF x Near_LoA	-7,877	-0,035	0,299
CHR13	11730757	CHR13:11730757	SSF x Near_LoA	-9,170	-0,028	0,291
CHR13	11739562	CHR13:11739562	SSF x Near_LoA	-7,512	0,119	0,285
CHR13	11739599	CHR13:11739599	SSF x Near_LoA	-2,517	0,009	0,294
CHR13	11739692	CHR13:11739692	SSF x Near_LoA	-7,852	0,060	0,280
CHR13	11764368	CHR13:11764368	SSF x Near_LoA	-10,115	0,032	0,269
CHR13	1176554	CHR13:1176554	SSF x Near_LoA	-8,236	0,031	0,282

CHR13	1176577	CHR13:1176577	SSF x Near_LoA	-8,672	-0,032	0,280
CHR13	1177266	CHR13:1177266	SSF x Near_LoA	-6,893	0,103	0,297
CHR13	11777503	CHR13:1177750	SSF x Near_LoA	-9,442	-0,007	0,291
CHR13	11777512	CHR13:1177751	SSF x Near_LoA	-0,913	0,036	0,293
CHR13	11777679	CHR13:1177767	SSF x Near_LoA	-7,150	-0,063	0,291
CHR13	11777705	CHR13:1177770	SSF x Near_LoA	-6,266	-0,211	0,280
CHR13	11798469	CHR13:1179846	SSF x Near_LoA	-10,224	0,034	0,287
CHR13	11798506	CHR13:1179850	SSF x Near_LoA	-7,897	-0,078	0,277
CHR13	11798665	CHR13:1179866	SSF x Near_LoA	-7,758	0,051	0,280
CHR13	11813087	CHR13:1181308	SSF x Near_LoA	-9,046	-0,034	0,290
CHR13	11814124	CHR13:1181412	SSF x Near_LoA	-9,525	0,039	0,293
CHR13	11814138	CHR13:1181413	SSF x Near_LoA	-4,824	-0,138	0,279
CHR13	1181689	CHR13:1181689	SSF x Near_LoA	-6,736	0,149	0,269
CHR13	1181692	CHR13:1181692	SSF x Near_LoA	-9,377	-0,036	0,287
CHR13	1181752	CHR13:1181752	SSF x Near_LoA	-3,129	-0,039	0,295
CHR13	1181780	CHR13:1181780	SSF x Near_LoA	-5,248	0,171	0,288
CHR13	1181784	CHR13:1181784	SSF x Near_LoA	-7,257	-0,005	0,293
CHR13	1181800	CHR13:1181800	SSF x Near_LoA	-8,543	-0,028	0,298
CHR13	11833695	CHR13:1183369	SSF x Near_LoA	-9,562	0,069	0,280
CHR13	11833765	CHR13:1183376	SSF x Near_LoA	-8,564	-0,029	0,290
CHR13	11833769	CHR13:1183376	SSF x Near_LoA	-8,952	0,060	0,283
CHR13	11833782	CHR13:1183378	SSF x Near_LoA	-8,958	-0,087	0,275
CHR13	11833848	CHR13:1183384	SSF x Near_LoA	-9,057	0,082	0,284
CHR13	11833859	CHR13:1183385	SSF x Near_LoA	-4,702	-0,140	0,267
CHR13	11833921	CHR13:1183392	SSF x Near_LoA	-6,820	-0,162	0,285
CHR13	11841395	CHR13:1184139	SSF x Near_LoA	-8,390	-0,021	0,298
CHR13	11841641	CHR13:1184164	SSF x Near_LoA	-7,061	-0,077	0,279
CHR13	11870388	CHR13:1187038	SSF x Near_LoA	-10,838	0,036	0,296
CHR13	11870786	CHR13:1187078	SSF x Near_LoA	-9,412	0,085	0,281
CHR13	11871706	CHR13:1187170	SSF x Near_LoA	-8,521	0,005	0,284
CHR13	11871728	CHR13:1187172	SSF x Near_LoA	-8,319	0,036	0,265
CHR13	11874286	CHR13:1187428	SSF x Near_LoA	-5,289	0,134	0,299
CHR13	11875628	CHR13:1187562	SSF x Near_LoA	-8,151	-0,031	0,287
CHR13	11875644	CHR13:1187564	SSF x Near_LoA	-8,337	0,140	0,293
CHR13	11875737	CHR13:1187573	SSF x Near_LoA	-9,438	-0,066	0,287
CHR13	11880075	CHR13:1188007	SSF x Near_LoA	-7,672	0,069	0,279
CHR13	11891185	CHR13:1189118	SSF x Near_LoA	-9,445	-0,073	0,294
CHR13	11891632	CHR13:1189163	SSF x Near_LoA	-10,530	0,085	0,262
CHR13	11899980	CHR13:1189998	SSF x Near_LoA	-8,555	0,022	0,262
CHR13	11900026	CHR13:1190002	SSF x Near_LoA	-10,476	0,026	0,279
CHR13	11900050	CHR13:1190005	SSF x Near_LoA	-8,554	-0,079	0,270
CHR13	11900113	CHR13:1190011	SSF x Near_LoA	0,450	-0,161	0,286
CHR13	11900153	CHR13:1190015	SSF x Near_LoA	-8,155	-0,072	0,269
CHR13	11900159	CHR13:1190015	SSF x Near_LoA	-7,639	-0,023	0,275
CHR13	11913307	CHR13:1191330	SSF x Near_LoA	-7,592	-0,131	0,276
CHR13	11913339	CHR13:1191333	SSF x Near_LoA	-10,158	0,044	0,269
CHR13	11913341	CHR13:1191334	SSF x Near_LoA	-4,620	0,155	0,291
CHR13	11913343	CHR13:1191334	SSF x Near_LoA	-8,167	0,119	0,278
CHR13	11913354	CHR13:1191335	SSF x Near_LoA	-6,854	0,097	0,300
CHR13	11913359	CHR13:1191335	SSF x Near_LoA	-8,975	0,020	0,298
CHR13	11913377	CHR13:1191337	SSF x Near_LoA	-7,957	0,056	0,301
CHR13	11913424	CHR13:1191342	SSF x Near_LoA	-8,831	0,030	0,311
CHR13	11913433	CHR13:1191343	SSF x Near_LoA	-9,291	0,019	0,283

CHR13	11913443	CHR13:11913443	SSF x Near_LoA	-7,329	0,144	0,273
CHR13	11913456	CHR13:11913456	SSF x Near_LoA	-10,037	-0,005	0,290
CHR13	11913464	CHR13:11913464	SSF x Near_LoA	-7,526	-0,039	0,304
CHR13	11913477	CHR13:11913477	SSF x Near_LoA	-7,650	0,083	0,285
CHR13	11913497	CHR13:11913497	SSF x Near_LoA	0,969	-0,007	0,292
CHR13	11913556	CHR13:11913556	SSF x Near_LoA	-8,835	0,011	0,289
CHR13	11913557	CHR13:11913557	SSF x Near_LoA	-7,523	0,078	0,293
CHR13	11913560	CHR13:11913560	SSF x Near_LoA	-6,273	-0,045	0,295
CHR13	11913562	CHR13:11913562	SSF x Near_LoA	-8,506	0,053	0,279
CHR13	11918495	CHR13:11918495	SSF x Near_LoA	-0,945	0,083	0,280
CHR13	11924826	CHR13:11924826	SSF x Near_LoA	-10,339	0,070	0,283
CHR13	11925115	CHR13:11925115	SSF x Near_LoA	-9,642	-0,016	0,286
CHR13	11930948	CHR13:11930948	SSF x Near_LoA	-9,076	-0,086	0,281
CHR13	11931078	CHR13:11931078	SSF x Near_LoA	-8,588	-0,128	0,276
CHR13	11931114	CHR13:11931114	SSF x Near_LoA	-9,610	0,114	0,295
CHR13	11947297	CHR13:11947297	SSF x Near_LoA	-4,313	0,110	0,293
CHR13	11951642	CHR13:11951642	SSF x Near_LoA	-8,497	0,097	0,285
CHR13	11951786	CHR13:11951786	SSF x Near_LoA	-7,644	-0,060	0,292
CHR13	1195678	CHR13:1195678	SSF x Near_LoA	-9,444	0,032	0,272
CHR13	1195770	CHR13:1195770	SSF x Near_LoA	-9,464	0,064	0,283
CHR13	1195852	CHR13:1195852	SSF x Near_LoA	-9,373	-0,013	0,282
CHR13	11958956	CHR13:11958956	SSF x Near_LoA	-10,101	0,041	0,274
CHR13	11962644	CHR13:11962644	SSF x Near_LoA	-7,199	0,045	0,293
CHR13	11962780	CHR13:11962780	SSF x Near_LoA	-10,942	-0,025	0,286
CHR13	11962782	CHR13:11962782	SSF x Near_LoA	-9,436	0,037	0,294
CHR13	11962856	CHR13:11962856	SSF x Near_LoA	-8,577	-0,065	0,289
CHR13	11977882	CHR13:11977882	SSF x Near_LoA	-9,915	0,034	0,293
CHR13	11985900	CHR13:11985900	SSF x Near_LoA	-9,515	-0,058	0,286
CHR13	11986010	CHR13:11986010	SSF x Near_LoA	-7,913	0,051	0,289
CHR13	1201088	CHR13:1201088	SSF x Near_LoA	-7,468	-0,053	0,274
CHR13	12015898	CHR13:12015898	SSF x Near_LoA	-7,413	0,051	0,292
CHR13	12015988	CHR13:12015988	SSF x Near_LoA	-8,879	0,105	0,296
CHR13	12016015	CHR13:12016015	SSF x Near_LoA	-8,907	-0,003	0,287
CHR13	12016044	CHR13:12016044	SSF x Near_LoA	-8,133	-0,116	0,271
CHR13	12016078	CHR13:12016078	SSF x Near_LoA	-3,254	-0,007	0,280
CHR13	12016136	CHR13:12016136	SSF x Near_LoA	-7,681	-0,125	0,284
CHR13	12028459	CHR13:12028459	SSF x Near_LoA	-7,258	-0,035	0,284
CHR13	12028552	CHR13:12028552	SSF x Near_LoA	-7,892	-0,098	0,272
CHR13	12028624	CHR13:12028624	SSF x Near_LoA	-7,781	0,015	0,275
CHR13	12028761	CHR13:12028761	SSF x Near_LoA	-6,991	0,061	0,282
CHR13	12037153	CHR13:12037153	SSF x Near_LoA	-11,001	-0,046	0,271
CHR13	12037271	CHR13:12037271	SSF x Near_LoA	-6,514	0,077	0,296
CHR13	12037370	CHR13:12037370	SSF x Near_LoA	-8,405	0,086	0,282
CHR13	12061590	CHR13:12061590	SSF x Near_LoA	-10,224	0,012	0,284
CHR13	12061751	CHR13:12061751	SSF x Near_LoA	-9,068	0,092	0,292
CHR13	12076372	CHR13:12076372	SSF x Near_LoA	-5,729	0,042	0,282
CHR13	12081401	CHR13:12081401	SSF x Near_LoA	-3,109	0,094	0,289
CHR13	12081560	CHR13:12081560	SSF x Near_LoA	-7,791	0,039	0,282
CHR13	12098204	CHR13:12098204	SSF x Near_LoA	-9,303	-0,089	0,281
CHR13	12098228	CHR13:12098228	SSF x Near_LoA	-9,411	0,141	0,271
CHR13	12102692	CHR13:12102692	SSF x Near_LoA	-6,644	0,059	0,284
CHR13	12171319	CHR13:12171319	SSF x Near_LoA	-3,063	-0,074	0,293
CHR13	12171354	CHR13:12171354	SSF x Near_LoA	-9,217	-0,022	0,283

CHR13	12171369	CHR13:12171369	SSF x Near_LoA	-7,548	0,079	0,282
CHR13	12171771	CHR13:12171771	SSF x Near_LoA	-9,029	-0,027	0,281
CHR13	12171778	CHR13:12171778	SSF x Near_LoA	-8,882	-0,037	0,285
CHR13	12192372	CHR13:12192372	SSF x Near_LoA	-7,582	-0,094	0,298
CHR13	12207112	CHR13:12207112	SSF x Near_LoA	-5,185	-0,075	0,299
CHR13	12207124	CHR13:12207124	SSF x Near_LoA	-8,482	0,165	0,286
CHR13	12220776	CHR13:12220776	SSF x Near_LoA	-8,209	-0,007	0,300
CHR13	12257595	CHR13:12257595	SSF x Near_LoA	-8,879	-0,048	0,281
CHR13	12257614	CHR13:12257614	SSF x Near_LoA	-8,321	0,048	0,294
CHR13	12261598	CHR13:12261598	SSF x Near_LoA	-9,098	0,009	0,274
CHR13	12261602	CHR13:12261602	SSF x Near_LoA	-8,431	-0,082	0,282
CHR13	12261615	CHR13:12261615	SSF x Near_LoA	-1,719	-0,021	0,288
CHR13	12261720	CHR13:12261720	SSF x Near_LoA	-7,703	0,092	0,287
CHR13	12281001	CHR13:12281001	SSF x Near_LoA	-6,222	-0,051	0,281
CHR13	12281032	CHR13:12281032	SSF x Near_LoA	-7,091	0,145	0,286
CHR13	12281204	CHR13:12281204	SSF x Near_LoA	-8,040	-0,014	0,282
CHR13	1228578	CHR13:1228578	SSF x Near_LoA	-6,853	0,050	0,282
CHR13	12291367	CHR13:12291367	SSF x Near_LoA	-8,208	-0,091	0,292
CHR13	12291369	CHR13:12291369	SSF x Near_LoA	-7,695	-0,063	0,295
CHR13	12291644	CHR13:12291644	SSF x Near_LoA	-9,710	-0,007	0,287
CHR13	1229696	CHR13:1229696	SSF x Near_LoA	-8,265	-0,045	0,292
CHR13	1229702	CHR13:1229702	SSF x Near_LoA	-8,395	-0,001	0,284
CHR13	1229840	CHR13:1229840	SSF x Near_LoA	-8,086	-0,020	0,302
CHR13	12305909	CHR13:12305909	SSF x Near_LoA	-8,146	-0,094	0,299
CHR13	12318920	CHR13:12318920	SSF x Near_LoA	-9,855	-0,060	0,278
CHR13	12318936	CHR13:12318936	SSF x Near_LoA	-7,587	-0,028	0,285
CHR13	12319219	CHR13:12319219	SSF x Near_LoA	-9,732	-0,063	0,287
CHR13	12329220	CHR13:12329220	SSF x Near_LoA	-9,685	-0,135	0,285
CHR13	12332199	CHR13:12332199	SSF x Near_LoA	6,452	0,220	0,272
CHR13	12332204	CHR13:12332204	SSF x Near_LoA	3,574	0,215	0,267
CHR13	12332222	CHR13:12332222	SSF x Near_LoA	-8,893	0,068	0,261
CHR13	12347451	CHR13:12347451	SSF x Near_LoA	-8,991	0,092	0,280
CHR13	12347678	CHR13:12347678	SSF x Near_LoA	-8,212	-0,079	0,277
CHR13	12347705	CHR13:12347705	SSF x Near_LoA	-8,860	0,035	0,302
CHR13	12358627	CHR13:12358627	SSF x Near_LoA	-3,960	-0,200	0,281
CHR13	12358647	CHR13:12358647	SSF x Near_LoA	-7,892	-0,216	0,273
CHR13	12358681	CHR13:12358681	SSF x Near_LoA	-8,671	-0,047	0,285
CHR13	12362040	CHR13:12362040	SSF x Near_LoA	-6,696	-0,152	0,277
CHR13	12362331	CHR13:12362331	SSF x Near_LoA	-7,377	-0,033	0,277
CHR13	1237281	CHR13:1237281	SSF x Near_LoA	-8,201	0,038	0,287
CHR13	1237295	CHR13:1237295	SSF x Near_LoA	-8,832	0,009	0,291
CHR13	1237304	CHR13:1237304	SSF x Near_LoA	-6,652	0,035	0,295
CHR13	1237305	CHR13:1237305	SSF x Near_LoA	-7,368	0,017	0,296
CHR13	1237310	CHR13:1237310	SSF x Near_LoA	-8,402	0,049	0,282
CHR13	1237325	CHR13:1237325	SSF x Near_LoA	-6,585	-0,018	0,302
CHR13	12373884	CHR13:12373884	SSF x Near_LoA	-10,165	0,047	0,275
CHR13	12374146	CHR13:12374146	SSF x Near_LoA	-8,964	-0,002	0,275
CHR13	1237442	CHR13:1237442	SSF x Near_LoA	-10,118	-0,016	0,284
CHR13	1237445	CHR13:1237445	SSF x Near_LoA	-9,675	0,031	0,280
CHR13	1237491	CHR13:1237491	SSF x Near_LoA	-6,393	0,225	0,281
CHR13	12391941	CHR13:12391941	SSF x Near_LoA	-8,717	-0,012	0,283
CHR13	12391980	CHR13:12391980	SSF x Near_LoA	-10,227	0,008	0,294
CHR13	12398928	CHR13:12398928	SSF x Near_LoA	-5,930	-0,175	0,275

CHR13	12401129	CHR13:1240112	SSF x Near_LoA	-10,131	-0,013	0,293
CHR13	12401196	CHR13:1240119	SSF x Near_LoA	-8,073	0,038	0,307
CHR13	12401305	CHR13:1240130	SSF x Near_LoA	-7,183	-0,035	0,295
CHR13	12404610	CHR13:1240461	SSF x Near_LoA	-6,184	0,053	0,309
CHR13	12404871	CHR13:1240487	SSF x Near_LoA	-8,072	-0,024	0,290
CHR13	12410434	CHR13:1241043	SSF x Near_LoA	-7,365	0,016	0,283
CHR13	12410552	CHR13:1241055	SSF x Near_LoA	-8,287	0,009	0,286
CHR13	12410575	CHR13:1241057	SSF x Near_LoA	-9,365	-0,057	0,279
CHR13	12410600	CHR13:1241060	SSF x Near_LoA	-10,655	0,003	0,286
CHR13	12419231	CHR13:1241923	SSF x Near_LoA	-7,087	0,112	0,288
CHR13	12440427	CHR13:1244042	SSF x Near_LoA	2,988	0,157	0,295
CHR13	12440445	CHR13:1244044	SSF x Near_LoA	-1,455	0,087	0,292
CHR13	12440595	CHR13:1244059	SSF x Near_LoA	-7,256	-0,085	0,273
CHR13	12467640	CHR13:1246764	SSF x Near_LoA	-7,025	-0,052	0,289
CHR13	12468615	CHR13:1246861	SSF x Near_LoA	-7,526	-0,170	0,281
CHR13	12473576	CHR13:1247357	SSF x Near_LoA	-8,815	0,004	0,309
CHR13	12476893	CHR13:1247689	SSF x Near_LoA	-6,806	0,096	0,270
CHR13	12479748	CHR13:1247974	SSF x Near_LoA	-9,595	-0,029	0,306
CHR13	12479842	CHR13:1247984	SSF x Near_LoA	-10,133	-0,060	0,278
CHR13	12493679	CHR13:1249367	SSF x Near_LoA	-7,678	-0,059	0,297
CHR13	12493713	CHR13:1249371	SSF x Near_LoA	-7,661	-0,002	0,280
CHR13	12493721	CHR13:1249372	SSF x Near_LoA	-9,254	-0,025	0,284
CHR13	12493725	CHR13:1249372	SSF x Near_LoA	-9,181	-0,026	0,292
CHR13	12500760	CHR13:1250076	SSF x Near_LoA	-9,219	-0,103	0,290
CHR13	12515401	CHR13:1251540	SSF x Near_LoA	-8,375	0,014	0,311
CHR13	1255193	CHR13:125519	SSF x Near_LoA	-8,321	0,033	0,290
CHR13	12552985	CHR13:1255298	SSF x Near_LoA	-9,669	0,100	0,292
CHR13	12553583	CHR13:1255358	SSF x Near_LoA	-9,743	-0,032	0,285
CHR13	12553693	CHR13:1255369	SSF x Near_LoA	-9,365	0,042	0,278
CHR13	12553695	CHR13:1255369	SSF x Near_LoA	-8,486	-0,123	0,296
CHR13	1255371	CHR13:125537	SSF x Near_LoA	-8,257	-0,026	0,308
CHR13	1255390	CHR13:125539	SSF x Near_LoA	-6,469	0,013	0,295
CHR13	1255446	CHR13:125544	SSF x Near_LoA	-2,581	-0,134	0,277
CHR13	1255472	CHR13:125547	SSF x Near_LoA	-10,999	-0,052	0,280
CHR13	1255483	CHR13:125548	SSF x Near_LoA	-8,827	0,056	0,296
CHR13	1255556	CHR13:125555	SSF x Near_LoA	-8,261	-0,133	0,280
CHR13	12563983	CHR13:1256398	SSF x Near_LoA	-8,584	0,157	0,280
CHR13	12567931	CHR13:1256793	SSF x Near_LoA	-9,970	0,001	0,296
CHR13	12567981	CHR13:1256798	SSF x Near_LoA	-8,340	0,119	0,297
CHR13	12567982	CHR13:1256798	SSF x Near_LoA	-9,619	0,109	0,270
CHR13	12568314	CHR13:1256831	SSF x Near_LoA	-10,427	-0,044	0,291
CHR13	12578522	CHR13:1257852	SSF x Near_LoA	-7,660	-0,001	0,285
CHR13	12578528	CHR13:1257852	SSF x Near_LoA	-7,427	0,027	0,285
CHR13	12602521	CHR13:1260252	SSF x Near_LoA	-8,622	-0,019	0,274
CHR13	12607331	CHR13:1260733	SSF x Near_LoA	-3,821	-0,232	0,272
CHR13	12614286	CHR13:1261428	SSF x Near_LoA	-6,663	0,117	0,280
CHR13	12614319	CHR13:1261431	SSF x Near_LoA	-6,863	0,134	0,276
CHR13	12614347	CHR13:1261434	SSF x Near_LoA	-10,292	-0,074	0,273
CHR13	12614351	CHR13:1261435	SSF x Near_LoA	-8,337	-0,108	0,288
CHR13	12614654	CHR13:1261465	SSF x Near_LoA	-10,387	0,000	0,292
CHR13	12617740	CHR13:1261774	SSF x Near_LoA	-7,701	0,006	0,272
CHR13	12617746	CHR13:1261774	SSF x Near_LoA	-8,051	0,137	0,272
CHR13	12631809	CHR13:1263180	SSF x Near_LoA	-7,199	-0,062	0,282

CHR13	12641011	CHR13:12641011	SSF x Near_LoA	-7,499	-0,122	0,292
CHR13	12643036	CHR13:12643036	SSF x Near_LoA	-6,424	0,192	0,275
CHR13	1265492	CHR13:1265492	SSF x Near_LoA	-10,102	-0,006	0,273
CHR13	1265499	CHR13:1265499	SSF x Near_LoA	-9,266	0,055	0,301
CHR13	1265502	CHR13:1265502	SSF x Near_LoA	-8,852	0,031	0,314
CHR13	1265518	CHR13:1265518	SSF x Near_LoA	-9,414	-0,022	0,293
CHR13	12656407	CHR13:12656407	SSF x Near_LoA	-8,996	-0,070	0,291
CHR13	12681138	CHR13:12681138	SSF x Near_LoA	-7,387	-0,071	0,280
CHR13	12681199	CHR13:12681199	SSF x Near_LoA	-5,577	0,155	0,281
CHR13	12681203	CHR13:12681203	SSF x Near_LoA	-6,611	0,115	0,291
CHR13	12681204	CHR13:12681204	SSF x Near_LoA	-6,905	0,135	0,284
CHR13	12681211	CHR13:12681211	SSF x Near_LoA	-5,723	-0,111	0,291
CHR13	12681243	CHR13:12681243	SSF x Near_LoA	-5,801	-0,123	0,292
CHR13	12681270	CHR13:12681270	SSF x Near_LoA	-7,974	0,041	0,272
CHR13	12681312	CHR13:12681312	SSF x Near_LoA	-7,928	-0,003	0,287
CHR13	12681396	CHR13:12681396	SSF x Near_LoA	-6,639	-0,124	0,279
CHR13	12685754	CHR13:12685754	SSF x Near_LoA	-9,525	0,086	0,283
CHR13	12685755	CHR13:12685755	SSF x Near_LoA	-8,648	-0,115	0,287
CHR13	12685858	CHR13:12685858	SSF x Near_LoA	-7,315	-0,027	0,294
CHR13	12691034	CHR13:12691034	SSF x Near_LoA	-8,658	0,149	0,281
CHR13	12691082	CHR13:12691082	SSF x Near_LoA	-10,282	0,016	0,276
CHR13	12698683	CHR13:12698683	SSF x Near_LoA	-2,626	0,108	0,283
CHR13	12698790	CHR13:12698790	SSF x Near_LoA	-3,137	-0,026	0,311
CHR13	12717678	CHR13:12717678	SSF x Near_LoA	-6,417	0,187	0,276
CHR13	12717730	CHR13:12717730	SSF x Near_LoA	-8,257	0,039	0,292
CHR13	12731808	CHR13:12731808	SSF x Near_LoA	-7,328	-0,004	0,286
CHR13	12751472	CHR13:12751472	SSF x Near_LoA	-4,208	0,212	0,279
CHR13	12751480	CHR13:12751480	SSF x Near_LoA	-4,842	0,186	0,290
CHR13	12751515	CHR13:12751515	SSF x Near_LoA	-6,254	-0,131	0,299
CHR13	12751547	CHR13:12751547	SSF x Near_LoA	-9,917	0,004	0,286
CHR13	12751598	CHR13:12751598	SSF x Near_LoA	-8,731	0,101	0,295
CHR13	12751701	CHR13:12751701	SSF x Near_LoA	-5,454	-0,124	0,273
CHR13	12758036	CHR13:12758036	SSF x Near_LoA	-7,540	-0,065	0,293
CHR13	12758105	CHR13:12758105	SSF x Near_LoA	-10,297	-0,011	0,290
CHR13	12758210	CHR13:12758210	SSF x Near_LoA	-5,493	0,083	0,283
CHR13	12758217	CHR13:12758217	SSF x Near_LoA	-8,106	0,022	0,283
CHR13	12758260	CHR13:12758260	SSF x Near_LoA	-10,240	0,083	0,281
CHR13	12758367	CHR13:12758367	SSF x Near_LoA	-9,418	0,128	0,284
CHR13	12763499	CHR13:12763499	SSF x Near_LoA	-7,683	-0,026	0,295
CHR13	12763500	CHR13:12763500	SSF x Near_LoA	-8,646	-0,012	0,295
CHR13	12763544	CHR13:12763544	SSF x Near_LoA	-5,967	0,152	0,298
CHR13	12763592	CHR13:12763592	SSF x Near_LoA	-9,638	-0,087	0,271
CHR13	12763638	CHR13:12763638	SSF x Near_LoA	-8,851	0,021	0,302
CHR13	12763662	CHR13:12763662	SSF x Near_LoA	-7,390	0,105	0,306
CHR13	12763699	CHR13:12763699	SSF x Near_LoA	-10,588	-0,042	0,289
CHR13	12769980	CHR13:12769980	SSF x Near_LoA	-9,050	-0,079	0,287
CHR13	12770084	CHR13:12770084	SSF x Near_LoA	-1,558	-0,257	0,270
CHR13	12770117	CHR13:12770117	SSF x Near_LoA	-6,345	-0,068	0,298
CHR13	12772122	CHR13:12772122	SSF x Near_LoA	-7,226	0,044	0,282
CHR13	12772168	CHR13:12772168	SSF x Near_LoA	-7,447	0,008	0,303
CHR13	12772173	CHR13:12772173	SSF x Near_LoA	-6,879	-0,094	0,298
CHR13	12772306	CHR13:12772306	SSF x Near_LoA	-7,872	-0,149	0,270
CHR13	12772307	CHR13:12772307	SSF x Near_LoA	-7,516	-0,128	0,269

CHR13	12800173	CHR13:12800173	SSF x Near_LoA	-9,501	0,017	0,291
CHR13	12800354	CHR13:12800354	SSF x Near_LoA	-9,661	-0,026	0,288
CHR13	12802430	CHR13:12802430	SSF x Near_LoA	-4,773	-0,020	0,284
CHR13	12802461	CHR13:12802461	SSF x Near_LoA	-9,289	-0,063	0,277
CHR13	12813520	CHR13:12813520	SSF x Near_LoA	-8,674	0,062	0,283
CHR13	12813594	CHR13:12813594	SSF x Near_LoA	-9,005	0,086	0,266
CHR13	12813596	CHR13:12813596	SSF x Near_LoA	-8,393	0,085	0,293
CHR13	12813616	CHR13:12813616	SSF x Near_LoA	-7,001	-0,079	0,278
CHR13	12817527	CHR13:12817527	SSF x Near_LoA	-10,082	-0,086	0,277
CHR13	12817573	CHR13:12817573	SSF x Near_LoA	-7,188	0,001	0,269
CHR13	12817587	CHR13:12817587	SSF x Near_LoA	-6,960	0,061	0,279
CHR13	12817608	CHR13:12817608	SSF x Near_LoA	8,267	-0,001	0,282
CHR13	12817617	CHR13:12817617	SSF x Near_LoA	-7,384	0,055	0,266
CHR13	12825403	CHR13:12825403	SSF x Near_LoA	-8,169	-0,017	0,279
CHR13	1283984	CHR13:1283984	SSF x Near_LoA	-5,677	-0,130	0,279
CHR13	12855855	CHR13:12855855	SSF x Near_LoA	-7,535	0,076	0,281
CHR13	12875186	CHR13:12875186	SSF x Near_LoA	-7,568	0,026	0,264
CHR13	12875281	CHR13:12875281	SSF x Near_LoA	-7,835	-0,070	0,286
CHR13	12875300	CHR13:12875300	SSF x Near_LoA	-8,019	0,019	0,277
CHR13	12875317	CHR13:12875317	SSF x Near_LoA	-6,899	0,010	0,291
CHR13	12875409	CHR13:12875409	SSF x Near_LoA	-3,621	-0,053	0,265
CHR13	12875440	CHR13:12875440	SSF x Near_LoA	-7,997	0,054	0,273
CHR13	12875448	CHR13:12875448	SSF x Near_LoA	-9,249	-0,045	0,284
CHR13	12875520	CHR13:12875520	SSF x Near_LoA	-1,074	-0,146	0,282
CHR13	12900798	CHR13:12900798	SSF x Near_LoA	-7,176	-0,085	0,268
CHR13	12900861	CHR13:12900861	SSF x Near_LoA	-9,218	-0,038	0,290
CHR13	12900941	CHR13:12900941	SSF x Near_LoA	-6,737	-0,060	0,283
CHR13	12909281	CHR13:12909281	SSF x Near_LoA	-7,839	0,085	0,297
CHR13	12909309	CHR13:12909309	SSF x Near_LoA	-7,347	0,082	0,300
CHR13	12909402	CHR13:12909402	SSF x Near_LoA	-7,387	0,089	0,294
CHR13	12909514	CHR13:12909514	SSF x Near_LoA	-8,479	0,053	0,284
CHR13	12913125	CHR13:12913125	SSF x Near_LoA	-7,948	-0,108	0,279
CHR13	12914341	CHR13:12914341	SSF x Near_LoA	-9,581	-0,047	0,281
CHR13	12914571	CHR13:12914571	SSF x Near_LoA	-9,605	0,123	0,275
CHR13	12930378	CHR13:12930378	SSF x Near_LoA	-9,116	-0,053	0,277
CHR13	12930448	CHR13:12930448	SSF x Near_LoA	-10,176	-0,022	0,295
CHR13	12930454	CHR13:12930454	SSF x Near_LoA	-8,904	-0,092	0,291
CHR13	12930457	CHR13:12930457	SSF x Near_LoA	-7,507	-0,097	0,268
CHR13	12930466	CHR13:12930466	SSF x Near_LoA	-7,353	0,063	0,282
CHR13	12932328	CHR13:12932328	SSF x Near_LoA	-7,645	0,062	0,295
CHR13	12934590	CHR13:12934590	SSF x Near_LoA	-8,334	-0,045	0,294
CHR13	12942176	CHR13:12942176	SSF x Near_LoA	-9,077	0,024	0,287
CHR13	12952065	CHR13:12952065	SSF x Near_LoA	-8,401	-0,004	0,293
CHR13	12952093	CHR13:12952093	SSF x Near_LoA	-9,985	-0,107	0,278
CHR13	12952109	CHR13:12952109	SSF x Near_LoA	-9,573	0,056	0,293
CHR13	12968407	CHR13:12968407	SSF x Near_LoA	-7,736	0,052	0,291
CHR13	12968434	CHR13:12968434	SSF x Near_LoA	-8,065	-0,015	0,289
CHR13	12978797	CHR13:12978797	SSF x Near_LoA	-6,741	0,038	0,278
CHR13	12978820	CHR13:12978820	SSF x Near_LoA	-8,564	0,015	0,287
CHR13	12978834	CHR13:12978834	SSF x Near_LoA	-9,881	0,095	0,276
CHR13	12987208	CHR13:12987208	SSF x Near_LoA	-1,892	0,259	0,256
CHR13	12987233	CHR13:12987233	SSF x Near_LoA	-8,157	0,088	0,283
CHR13	12989100	CHR13:12989100	SSF x Near_LoA	-7,364	0,156	0,301

CHR13	12993618	CHR13:12993618	SSF x Near_LoA	-9,171	0,007	0,280
CHR13	12993771	CHR13:12993771	SSF x Near_LoA	-7,103	0,106	0,288
CHR13	12993775	CHR13:12993775	SSF x Near_LoA	-5,906	0,128	0,284
CHR13	12993777	CHR13:12993777	SSF x Near_LoA	-8,604	0,098	0,282
CHR13	12993823	CHR13:12993823	SSF x Near_LoA	-7,992	-0,040	0,280
CHR13	12993840	CHR13:12993840	SSF x Near_LoA	-6,601	-0,048	0,296
CHR13	1299813	CHR13:1299813	SSF x Near_LoA	-6,766	0,080	0,291
CHR13	1299818	CHR13:1299818	SSF x Near_LoA	-7,604	0,147	0,260
CHR13	1299830	CHR13:1299830	SSF x Near_LoA	-8,783	0,032	0,292
CHR13	1299900	CHR13:1299900	SSF x Near_LoA	-7,078	0,080	0,301
CHR13	1300031	CHR13:1300031	SSF x Near_LoA	-8,242	-0,032	0,294
CHR13	1302837	CHR13:1302837	SSF x Near_LoA	-10,320	0,073	0,297
CHR13	1303124	CHR13:1303124	SSF x Near_LoA	-9,161	0,013	0,295
CHR13	13037088	CHR13:13037088	SSF x Near_LoA	-8,193	0,042	0,293
CHR13	13044121	CHR13:13044121	SSF x Near_LoA	-8,104	-0,021	0,273
CHR13	13044214	CHR13:13044214	SSF x Near_LoA	-10,183	0,046	0,289
CHR13	13049596	CHR13:13049596	SSF x Near_LoA	-7,274	-0,005	0,289
CHR13	13049691	CHR13:13049691	SSF x Near_LoA	-7,288	0,094	0,274
CHR13	1306701	CHR13:1306701	SSF x Near_LoA	-8,240	0,087	0,291
CHR13	13068720	CHR13:13068720	SSF x Near_LoA	-6,720	0,139	0,275
CHR13	13068748	CHR13:13068748	SSF x Near_LoA	-9,032	0,044	0,276
CHR13	1307150	CHR13:1307150	SSF x Near_LoA	-9,745	-0,048	0,292
CHR13	1307227	CHR13:1307227	SSF x Near_LoA	-6,821	0,053	0,295
CHR13	13072838	CHR13:13072838	SSF x Near_LoA	-7,374	0,073	0,284
CHR13	13072848	CHR13:13072848	SSF x Near_LoA	-8,102	-0,128	0,272
CHR13	13072880	CHR13:13072880	SSF x Near_LoA	-8,042	-0,123	0,283
CHR13	13072906	CHR13:13072906	SSF x Near_LoA	-6,492	0,119	0,284
CHR13	1307313	CHR13:1307313	SSF x Near_LoA	-8,882	0,060	0,283
CHR13	13076417	CHR13:13076417	SSF x Near_LoA	-8,218	-0,064	0,277
CHR13	13081027	CHR13:13081027	SSF x Near_LoA	-3,208	0,220	0,269
CHR13	13081161	CHR13:13081161	SSF x Near_LoA	-9,142	0,059	0,289
CHR13	13090774	CHR13:13090774	SSF x Near_LoA	-7,382	0,219	0,283
CHR13	13091046	CHR13:13091046	SSF x Near_LoA	-9,122	0,050	0,285
CHR13	13091122	CHR13:13091122	SSF x Near_LoA	-6,313	-0,140	0,299
CHR13	13091128	CHR13:13091128	SSF x Near_LoA	-4,086	0,135	0,278
CHR13	13091178	CHR13:13091178	SSF x Near_LoA	-8,142	0,002	0,284
CHR13	13095168	CHR13:13095168	SSF x Near_LoA	-6,756	0,004	0,279
CHR13	13095226	CHR13:13095226	SSF x Near_LoA	-8,291	0,027	0,280
CHR13	13095364	CHR13:13095364	SSF x Near_LoA	-7,194	0,011	0,290
CHR13	13095412	CHR13:13095412	SSF x Near_LoA	-7,966	-0,048	0,281
CHR13	13095458	CHR13:13095458	SSF x Near_LoA	-9,990	0,058	0,275
CHR13	13127988	CHR13:13127988	SSF x Near_LoA	-5,884	0,188	0,278
CHR13	13128044	CHR13:13128044	SSF x Near_LoA	-4,777	0,123	0,287
CHR13	13128159	CHR13:13128159	SSF x Near_LoA	-7,968	-0,025	0,276
CHR13	13130170	CHR13:13130170	SSF x Near_LoA	-4,307	-0,163	0,281
CHR13	13130234	CHR13:13130234	SSF x Near_LoA	-6,536	0,119	0,281
CHR13	13143318	CHR13:13143318	SSF x Near_LoA	-6,737	-0,110	0,281
CHR13	13177474	CHR13:13177474	SSF x Near_LoA	-8,377	0,022	0,278
CHR13	13177518	CHR13:13177518	SSF x Near_LoA	-8,476	0,048	0,275
CHR13	1318965	CHR13:1318965	SSF x Near_LoA	-11,364	0,026	0,283
CHR13	13198835	CHR13:13198835	SSF x Near_LoA	-3,308	-0,110	0,283
CHR13	13198964	CHR13:13198964	SSF x Near_LoA	-6,814	0,023	0,287
CHR13	13198967	CHR13:13198967	SSF x Near_LoA	-7,049	0,031	0,291

CHR13	13199012	CHR13:13199012	SSF x Near_LoA	-8,285	-0,095	0,286
CHR13	13199183	CHR13:13199183	SSF x Near_LoA	-10,351	0,035	0,282
CHR13	1320242	CHR13:1320242	SSF x Near_LoA	-9,129	-0,009	0,285
CHR13	13206404	CHR13:13206404	SSF x Near_LoA	-5,347	-0,162	0,287
CHR13	13235880	CHR13:13235880	SSF x Near_LoA	-6,947	-0,055	0,293
CHR13	13235902	CHR13:13235902	SSF x Near_LoA	-9,138	-0,095	0,288
CHR13	13236016	CHR13:13236016	SSF x Near_LoA	-7,404	0,014	0,287
CHR13	13236159	CHR13:13236159	SSF x Near_LoA	-7,880	-0,011	0,282
CHR13	13236235	CHR13:13236235	SSF x Near_LoA	-7,528	-0,031	0,306
CHR13	13236236	CHR13:13236236	SSF x Near_LoA	-7,343	-0,013	0,303
CHR13	13236239	CHR13:13236239	SSF x Near_LoA	-7,887	-0,021	0,298
CHR13	13246994	CHR13:13246994	SSF x Near_LoA	-7,636	-0,091	0,291
CHR13	13246999	CHR13:13246999	SSF x Near_LoA	-8,879	-0,048	0,285
CHR13	13255383	CHR13:13255383	SSF x Near_LoA	-10,059	-0,048	0,295
CHR13	13255436	CHR13:13255436	SSF x Near_LoA	-1,344	0,130	0,272
CHR13	13255504	CHR13:13255504	SSF x Near_LoA	-2,019	0,138	0,286
CHR13	13255587	CHR13:13255587	SSF x Near_LoA	-7,443	-0,001	0,284
CHR13	13255597	CHR13:13255597	SSF x Near_LoA	-5,691	-0,040	0,290
CHR13	13265037	CHR13:13265037	SSF x Near_LoA	-9,874	-0,029	0,280
CHR13	13265277	CHR13:13265277	SSF x Near_LoA	-8,584	0,066	0,282
CHR13	13265367	CHR13:13265367	SSF x Near_LoA	-6,630	-0,146	0,271
CHR13	13265368	CHR13:13265368	SSF x Near_LoA	-8,189	-0,099	0,274
CHR13	13265385	CHR13:13265385	SSF x Near_LoA	-9,097	-0,113	0,285
CHR13	13279375	CHR13:13279375	SSF x Near_LoA	1,219	0,278	0,264
CHR13	13282561	CHR13:13282561	SSF x Near_LoA	-8,503	0,068	0,272
CHR13	13282658	CHR13:13282658	SSF x Near_LoA	-8,513	0,137	0,278
CHR13	13282737	CHR13:13282737	SSF x Near_LoA	-9,792	0,096	0,281
CHR13	13282749	CHR13:13282749	SSF x Near_LoA	-8,988	0,092	0,287
CHR13	13285601	CHR13:13285601	SSF x Near_LoA	-7,451	0,082	0,286
CHR13	13285604	CHR13:13285604	SSF x Near_LoA	-9,434	0,021	0,284
CHR13	1330226	CHR13:1330226	SSF x Near_LoA	-6,121	0,163	0,308
CHR13	13310151	CHR13:13310151	SSF x Near_LoA	-9,007	-0,009	0,288
CHR13	13318571	CHR13:13318571	SSF x Near_LoA	-9,476	0,037	0,273
CHR13	13318710	CHR13:13318710	SSF x Near_LoA	-8,985	0,069	0,292
CHR13	13328519	CHR13:13328519	SSF x Near_LoA	-8,350	-0,001	0,289
CHR13	13332485	CHR13:13332485	SSF x Near_LoA	-6,882	0,101	0,253
CHR13	13332491	CHR13:13332491	SSF x Near_LoA	-9,831	-0,021	0,295
CHR13	13332574	CHR13:13332574	SSF x Near_LoA	-5,589	0,195	0,284
CHR13	13333431	CHR13:13333431	SSF x Near_LoA	-7,952	0,116	0,277
CHR13	13344615	CHR13:13344615	SSF x Near_LoA	-9,925	-0,018	0,297
CHR13	13344632	CHR13:13344632	SSF x Near_LoA	-7,102	0,058	0,278
CHR13	13344896	CHR13:13344896	SSF x Near_LoA	-9,661	0,065	0,283
CHR13	13344904	CHR13:13344904	SSF x Near_LoA	-8,924	-0,007	0,305
CHR13	13369598	CHR13:13369598	SSF x Near_LoA	-8,592	-0,004	0,279
CHR13	13369763	CHR13:13369763	SSF x Near_LoA	-9,871	0,012	0,284
CHR13	1337393	CHR13:1337393	SSF x Near_LoA	-10,016	-0,083	0,286
CHR13	1337542	CHR13:1337542	SSF x Near_LoA	-5,489	0,197	0,280
CHR13	13416099	CHR13:13416099	SSF x Near_LoA	-9,024	-0,003	0,301
CHR13	13416318	CHR13:13416318	SSF x Near_LoA	-9,831	-0,105	0,285
CHR13	13419480	CHR13:13419480	SSF x Near_LoA	-7,221	-0,068	0,287
CHR13	13419544	CHR13:13419544	SSF x Near_LoA	-8,027	-0,015	0,285
CHR13	13419578	CHR13:13419578	SSF x Near_LoA	-5,644	0,019	0,277
CHR13	13419772	CHR13:13419772	SSF x Near_LoA	-7,437	0,019	0,306

CHR13	13419802	CHR13:13419802	SSF x Near_LoA	-10,350	-0,066	0,298
CHR13	13419803	CHR13:13419803	SSF x Near_LoA	-9,102	-0,089	0,271
CHR13	13462425	CHR13:13462425	SSF x Near_LoA	-9,684	0,028	0,273
CHR13	13480407	CHR13:13480407	SSF x Near_LoA	-5,080	0,206	0,266
CHR13	13482915	CHR13:13482915	SSF x Near_LoA	-4,962	0,046	0,295
CHR13	13482934	CHR13:13482934	SSF x Near_LoA	-8,661	-0,024	0,306
CHR13	13482944	CHR13:13482944	SSF x Near_LoA	-8,037	0,049	0,280
CHR13	13482962	CHR13:13482962	SSF x Near_LoA	-5,574	0,153	0,275
CHR13	13483037	CHR13:13483037	SSF x Near_LoA	-8,406	-0,018	0,293
CHR13	13483138	CHR13:13483138	SSF x Near_LoA	-7,851	0,037	0,284
CHR13	13483170	CHR13:13483170	SSF x Near_LoA	-8,092	-0,081	0,293
CHR13	13486489	CHR13:13486489	SSF x Near_LoA	-9,630	-0,080	0,286
CHR13	13486809	CHR13:13486809	SSF x Near_LoA	-9,230	-0,089	0,292
CHR13	13488215	CHR13:13488215	SSF x Near_LoA	-7,200	0,036	0,294
CHR13	13488239	CHR13:13488239	SSF x Near_LoA	-8,996	0,048	0,292
CHR13	13488247	CHR13:13488247	SSF x Near_LoA	-3,091	0,151	0,288
CHR13	13488413	CHR13:13488413	SSF x Near_LoA	-5,348	0,087	0,302
CHR13	13488489	CHR13:13488489	SSF x Near_LoA	-7,626	-0,101	0,290
CHR13	13504510	CHR13:13504510	SSF x Near_LoA	-8,264	0,005	0,276
CHR13	13504590	CHR13:13504590	SSF x Near_LoA	-8,979	0,143	0,275
CHR13	13504707	CHR13:13504707	SSF x Near_LoA	-8,947	0,177	0,274
CHR13	13504713	CHR13:13504713	SSF x Near_LoA	-9,440	0,073	0,281
CHR13	13542012	CHR13:13542012	SSF x Near_LoA	-4,880	0,079	0,299
CHR13	13542760	CHR13:13542760	SSF x Near_LoA	-10,443	-0,071	0,292
CHR13	13542789	CHR13:13542789	SSF x Near_LoA	-9,160	-0,022	0,316
CHR13	13544453	CHR13:13544453	SSF x Near_LoA	-7,626	-0,054	0,299
CHR13	13562412	CHR13:13562412	SSF x Near_LoA	-9,084	0,024	0,285
CHR13	13562595	CHR13:13562595	SSF x Near_LoA	-10,117	0,069	0,289
CHR13	13581790	CHR13:13581790	SSF x Near_LoA	-9,629	-0,016	0,286
CHR13	13582045	CHR13:13582045	SSF x Near_LoA	-8,632	0,091	0,278
CHR13	13597331	CHR13:13597331	SSF x Near_LoA	-7,583	-0,040	0,276
CHR13	13603760	CHR13:13603760	SSF x Near_LoA	-7,671	-0,061	0,295
CHR13	13604096	CHR13:13604096	SSF x Near_LoA	-9,696	-0,094	0,277
CHR13	13604129	CHR13:13604129	SSF x Near_LoA	-6,549	0,073	0,305
CHR13	1361622	CHR13:1361622	SSF x Near_LoA	-7,764	-0,113	0,283
CHR13	13625067	CHR13:13625067	SSF x Near_LoA	-4,718	0,118	0,276
CHR13	13625089	CHR13:13625089	SSF x Near_LoA	-8,902	-0,026	0,272
CHR13	13625121	CHR13:13625121	SSF x Near_LoA	-8,955	-0,128	0,279
CHR13	13625143	CHR13:13625143	SSF x Near_LoA	-7,312	-0,036	0,289
CHR13	13625146	CHR13:13625146	SSF x Near_LoA	-7,335	-0,016	0,278
CHR13	13626439	CHR13:13626439	SSF x Near_LoA	-5,089	-0,073	0,277
CHR13	13635849	CHR13:13635849	SSF x Near_LoA	-10,200	0,003	0,275
CHR13	13635878	CHR13:13635878	SSF x Near_LoA	-9,079	0,006	0,296
CHR13	13635904	CHR13:13635904	SSF x Near_LoA	-8,695	-0,001	0,298
CHR13	13635911	CHR13:13635911	SSF x Near_LoA	-9,016	0,006	0,307
CHR13	13635915	CHR13:13635915	SSF x Near_LoA	-9,295	0,039	0,278
CHR13	13635932	CHR13:13635932	SSF x Near_LoA	-7,824	-0,058	0,279
CHR13	13635950	CHR13:13635950	SSF x Near_LoA	-9,610	0,017	0,284
CHR13	13635990	CHR13:13635990	SSF x Near_LoA	-8,870	0,038	0,285
CHR13	13635998	CHR13:13635998	SSF x Near_LoA	-7,332	-0,113	0,300
CHR13	13635999	CHR13:13635999	SSF x Near_LoA	-5,687	-0,090	0,300
CHR13	13636010	CHR13:13636010	SSF x Near_LoA	-10,796	-0,004	0,284
CHR13	13640678	CHR13:13640678	SSF x Near_LoA	-5,544	-0,203	0,274

CHR13	13664465	CHR13:1366446[illegible]	SSF x Near_LoA	-8,935	0,073	0,298
CHR13	13664548	CHR13:1366454[illegible]	SSF x Near_LoA	-10,474	0,036	0,291
CHR13	13664606	CHR13:1366460[illegible]	SSF x Near_LoA	-8,820	0,109	0,276
CHR13	13669769	CHR13:1366976[illegible]	SSF x Near_LoA	-7,434	0,016	0,291
CHR13	13674576	CHR13:1367457[illegible]	SSF x Near_LoA	-4,037	0,182	0,277
CHR13	13674669	CHR13:1367466[illegible]	SSF x Near_LoA	-9,293	0,070	0,305
CHR13	13680492	CHR13:1368049[illegible]	SSF x Near_LoA	-7,192	0,093	0,283
CHR13	13680813	CHR13:1368081[illegible]	SSF x Near_LoA	-9,014	0,016	0,277
CHR13	13680852	CHR13:1368085[illegible]	SSF x Near_LoA	-9,246	0,044	0,287
CHR13	13682029	CHR13:1368202[illegible]	SSF x Near_LoA	-7,755	0,097	0,267
CHR13	13725753	CHR13:1372575[illegible]	SSF x Near_LoA	-10,398	-0,057	0,285
CHR13	13725788	CHR13:1372578[illegible]	SSF x Near_LoA	-8,043	0,017	0,299
CHR13	13725894	CHR13:1372589[illegible]	SSF x Near_LoA	-7,538	0,004	0,286
CHR13	13725977	CHR13:1372597[illegible]	SSF x Near_LoA	-7,937	0,073	0,291
CHR13	13734440	CHR13:1373444[illegible]	SSF x Near_LoA	-5,272	0,016	0,299
CHR13	13734469	CHR13:1373446[illegible]	SSF x Near_LoA	-7,900	-0,090	0,299
CHR13	13734553	CHR13:1373455[illegible]	SSF x Near_LoA	-8,681	0,079	0,285
CHR13	13735802	CHR13:1373580[illegible]	SSF x Near_LoA	-8,603	0,012	0,290
CHR13	13735859	CHR13:1373585[illegible]	SSF x Near_LoA	-8,087	0,065	0,279
CHR13	13735932	CHR13:1373593[illegible]	SSF x Near_LoA	-9,010	-0,040	0,276
CHR13	13735941	CHR13:1373594[illegible]	SSF x Near_LoA	-6,326	0,086	0,271
CHR13	13748727	CHR13:1374872[illegible]	SSF x Near_LoA	-8,530	0,032	0,300
CHR13	13750992	CHR13:1375099[illegible]	SSF x Near_LoA	-7,554	-0,126	0,282
CHR13	13751600	CHR13:1375160[illegible]	SSF x Near_LoA	-2,956	-0,065	0,301
CHR13	13752547	CHR13:1375254[illegible]	SSF x Near_LoA	-8,822	-0,045	0,300
CHR13	13752549	CHR13:1375254[illegible]	SSF x Near_LoA	-7,756	0,074	0,293
CHR13	13755558	CHR13:1375555[illegible]	SSF x Near_LoA	-6,814	-0,067	0,287
CHR13	13755646	CHR13:1375564[illegible]	SSF x Near_LoA	-7,434	-0,071	0,278
CHR13	13755669	CHR13:1375566[illegible]	SSF x Near_LoA	-7,214	-0,093	0,282
CHR13	13755672	CHR13:1375567[illegible]	SSF x Near_LoA	-1,096	0,318	0,264
CHR13	13784719	CHR13:1378471[illegible]	SSF x Near_LoA	-8,045	0,164	0,270
CHR13	13793048	CHR13:1379304[illegible]	SSF x Near_LoA	-6,200	-0,048	0,294
CHR13	13793086	CHR13:1379308[illegible]	SSF x Near_LoA	-10,058	0,093	0,293
CHR13	13793117	CHR13:1379311[illegible]	SSF x Near_LoA	-10,630	-0,043	0,287
CHR13	13793153	CHR13:1379315[illegible]	SSF x Near_LoA	-7,258	0,126	0,283
CHR13	13795060	CHR13:1379506[illegible]	SSF x Near_LoA	-8,946	0,051	0,290
CHR13	13808750	CHR13:1380875[illegible]	SSF x Near_LoA	-7,957	0,127	0,290
CHR13	13808784	CHR13:13808784	SSF x Near_LoA	-10,433	0,009	0,299
CHR13	13817963	CHR13:1381796[illegible]	SSF x Near_LoA	-6,173	0,086	0,286
CHR13	13817967	CHR13:13817967	SSF x Near_LoA	-6,171	0,096	0,297
CHR13	13817970	CHR13:1381797[illegible]	SSF x Near_LoA	-5,223	0,122	0,294
CHR13	13817981	CHR13:13817981	SSF x Near_LoA	-9,880	0,010	0,298
CHR13	13818068	CHR13:1381806[illegible]	SSF x Near_LoA	-6,847	0,056	0,288
CHR13	13818071	CHR13:13818071	SSF x Near_LoA	-7,923	-0,056	0,282
CHR13	13823100	CHR13:1382310[illegible]	SSF x Near_LoA	-6,244	-0,132	0,282
CHR13	13823109	CHR13:1382310[illegible]	SSF x Near_LoA	-4,807	-0,083	0,301
CHR13	13823247	CHR13:13823247	SSF x Near_LoA	-9,414	0,061	0,282
CHR13	13830657	CHR13:13830657	SSF x Near_LoA	-9,251	0,095	0,282
CHR13	13830708	CHR13:1383070[illegible]	SSF x Near_LoA	-2,548	0,142	0,289
CHR13	13830766	CHR13:1383076[illegible]	SSF x Near_LoA	-6,721	-0,204	0,263
CHR13	13830771	CHR13:13830771	SSF x Near_LoA	-5,497	0,157	0,277
CHR13	13878398	CHR13:1387839[illegible]	SSF x Near_LoA	-9,534	0,030	0,279
CHR13	13878816	CHR13:1387881[illegible]	SSF x Near_LoA	-2,246	-0,214	0,268

CHR13	1388478	CHR13:1388478	SSF x Near_LoA	-8,734	0,018	0,283
CHR13	13887832	CHR13:13887832	SSF x Near_LoA	-8,576	-0,111	0,289
CHR13	1390533	CHR13:1390533	SSF x Near_LoA	-4,203	0,228	0,271
CHR13	1390633	CHR13:1390633	SSF x Near_LoA	-10,874	-0,065	0,282
CHR13	13944543	CHR13:13944543	SSF x Near_LoA	3,771	-0,169	0,288
CHR13	13951409	CHR13:13951409	SSF x Near_LoA	-7,386	-0,030	0,291
CHR13	13951586	CHR13:13951586	SSF x Near_LoA	-9,314	-0,052	0,286
CHR13	13951596	CHR13:13951596	SSF x Near_LoA	-8,706	-0,097	0,289
CHR13	13951646	CHR13:13951646	SSF x Near_LoA	-7,798	-0,121	0,291
CHR13	13951712	CHR13:13951712	SSF x Near_LoA	-3,724	0,165	0,294
CHR13	13964394	CHR13:13964394	SSF x Near_LoA	-9,010	0,048	0,278
CHR13	13980294	CHR13:13980294	SSF x Near_LoA	-6,938	-0,058	0,270
CHR13	13980613	CHR13:13980613	SSF x Near_LoA	-6,903	-0,078	0,284
CHR13	13980710	CHR13:13980710	SSF x Near_LoA	-10,472	-0,004	0,287
CHR13	14029278	CHR13:14029278	SSF x Near_LoA	-8,327	0,092	0,283
CHR13	14029386	CHR13:14029386	SSF x Near_LoA	-8,892	-0,014	0,294
CHR13	14029390	CHR13:14029390	SSF x Near_LoA	-8,086	0,084	0,292
CHR13	14029403	CHR13:14029403	SSF x Near_LoA	-7,088	-0,064	0,290
CHR13	14029544	CHR13:14029544	SSF x Near_LoA	-7,637	0,069	0,278
CHR13	14029601	CHR13:14029601	SSF x Near_LoA	-6,515	-0,114	0,288
CHR13	1403148	CHR13:1403148	SSF x Near_LoA	-7,765	-0,023	0,271
CHR13	1403170	CHR13:1403170	SSF x Near_LoA	-7,704	0,067	0,289
CHR13	1403211	CHR13:1403211	SSF x Near_LoA	-7,553	0,031	0,277
CHR13	1403226	CHR13:1403226	SSF x Near_LoA	-8,731	-0,146	0,266
CHR13	1403245	CHR13:1403245	SSF x Near_LoA	-8,535	-0,061	0,278
CHR13	1403311	CHR13:1403311	SSF x Near_LoA	-8,002	0,047	0,282
CHR13	14033474	CHR13:14033474	SSF x Near_LoA	-10,729	-0,031	0,284
CHR13	14033500	CHR13:14033500	SSF x Near_LoA	-10,016	0,050	0,290
CHR13	14055992	CHR13:14055992	SSF x Near_LoA	1,386	0,214	0,284
CHR13	14056094	CHR13:14056094	SSF x Near_LoA	-2,768	-0,054	0,284
CHR13	14062039	CHR13:14062039	SSF x Near_LoA	3,621	0,153	0,271
CHR13	14096962	CHR13:14096962	SSF x Near_LoA	-8,531	-0,019	0,292
CHR13	14106716	CHR13:14106716	SSF x Near_LoA	-9,875	0,045	0,297
CHR13	1411633	CHR13:1411633	SSF x Near_LoA	-7,451	-0,036	0,264
CHR13	14116679	CHR13:14116679	SSF x Near_LoA	-0,865	-0,035	0,299
CHR13	14116688	CHR13:14116688	SSF x Near_LoA	-8,428	-0,105	0,291
CHR13	1411761	CHR13:1411761	SSF x Near_LoA	-8,810	0,097	0,294
CHR13	1411777	CHR13:1411777	SSF x Near_LoA	-6,037	-0,128	0,289
CHR13	14168709	CHR13:14168709	SSF x Near_LoA	-5,967	-0,021	0,286
CHR13	14191353	CHR13:14191353	SSF x Near_LoA	-8,992	-0,001	0,297
CHR13	14191766	CHR13:14191766	SSF x Near_LoA	-9,854	-0,008	0,288
CHR13	14253670	CHR13:14253670	SSF x Near_LoA	-0,766	-0,177	0,282
CHR13	14253678	CHR13:14253678	SSF x Near_LoA	-10,925	-0,007	0,292
CHR13	14256725	CHR13:14256725	SSF x Near_LoA	-9,216	-0,015	0,289
CHR13	14256783	CHR13:14256783	SSF x Near_LoA	-7,635	-0,040	0,287
CHR13	14258951	CHR13:14258951	SSF x Near_LoA	-7,464	0,013	0,299
CHR13	14258972	CHR13:14258972	SSF x Near_LoA	-9,931	-0,111	0,286
CHR13	14262354	CHR13:14262354	SSF x Near_LoA	0,514	-0,193	0,281
CHR13	14269172	CHR13:14269172	SSF x Near_LoA	-9,894	0,060	0,278
CHR13	14302812	CHR13:14302812	SSF x Near_LoA	-8,206	0,096	0,278
CHR13	14339198	CHR13:14339198	SSF x Near_LoA	-7,283	-0,086	0,285
CHR13	1439153	CHR13:1439153	SSF x Near_LoA	-10,539	0,022	0,286
CHR13	1439218	CHR13:1439218	SSF x Near_LoA	-8,456	-0,051	0,285

CHR13	1439250	CHR13:1439250	SSF x Near_LoA	-8,348	0,041	0,287
CHR13	1439263	CHR13:1439263	SSF x Near_LoA	-9,044	-0,028	0,289
CHR13	1439264	CHR13:1439264	SSF x Near_LoA	-6,695	-0,084	0,291
CHR13	1439279	CHR13:1439279	SSF x Near_LoA	-7,266	0,167	0,281
CHR13	1439290	CHR13:1439290	SSF x Near_LoA	-11,316	0,056	0,277
CHR13	1439303	CHR13:1439303	SSF x Near_LoA	-9,501	0,029	0,280
CHR13	1439335	CHR13:1439335	SSF x Near_LoA	-9,696	0,013	0,282
CHR13	1439358	CHR13:1439358	SSF x Near_LoA	-7,036	-0,016	0,302
CHR13	1439371	CHR13:1439371	SSF x Near_LoA	-9,750	-0,001	0,274
CHR13	1449569	CHR13:1449569	SSF x Near_LoA	-9,844	0,056	0,293
CHR13	1449743	CHR13:1449743	SSF x Near_LoA	-3,950	0,089	0,285
CHR13	1449747	CHR13:1449747	SSF x Near_LoA	-6,213	0,092	0,287
CHR13	1449766	CHR13:1449766	SSF x Near_LoA	-5,695	-0,152	0,279
CHR13	1449772	CHR13:1449772	SSF x Near_LoA	-6,669	-0,122	0,279
CHR13	1458817	CHR13:1458817	SSF x Near_LoA	-7,487	0,063	0,283
CHR13	1458827	CHR13:1458827	SSF x Near_LoA	-3,836	-0,204	0,274
CHR13	1458858	CHR13:1458858	SSF x Near_LoA	-6,603	0,071	0,286
CHR13	1458870	CHR13:1458870	SSF x Near_LoA	-8,419	0,089	0,288
CHR13	1458907	CHR13:1458907	SSF x Near_LoA	-6,031	0,162	0,294
CHR13	1461039	CHR13:1461039	SSF x Near_LoA	-8,086	0,152	0,268
CHR13	1461350	CHR13:1461350	SSF x Near_LoA	-10,133	-0,060	0,276
CHR13	1461360	CHR13:1461360	SSF x Near_LoA	-8,608	-0,074	0,290
CHR13	1461362	CHR13:1461362	SSF x Near_LoA	-7,752	0,030	0,291
CHR13	1461364	CHR13:1461364	SSF x Near_LoA	-10,839	0,035	0,278
CHR13	1461404	CHR13:1461404	SSF x Near_LoA	-7,581	0,082	0,273
CHR13	1472260	CHR13:1472260	SSF x Near_LoA	-6,858	0,169	0,252
CHR13	1472296	CHR13:1472296	SSF x Near_LoA	-9,007	0,087	0,269
CHR13	1472411	CHR13:1472411	SSF x Near_LoA	-6,471	-0,014	0,272
CHR13	1472421	CHR13:1472421	SSF x Near_LoA	-8,302	-0,108	0,273
CHR13	1472425	CHR13:1472425	SSF x Near_LoA	-8,465	-0,109	0,273
CHR13	1472446	CHR13:1472446	SSF x Near_LoA	-9,669	-0,009	0,281
CHR13	1472466	CHR13:1472466	SSF x Near_LoA	0,751	0,158	0,274
CHR13	1472545	CHR13:1472545	SSF x Near_LoA	-8,579	-0,043	0,290
CHR13	1472564	CHR13:1472564	SSF x Near_LoA	-8,437	0,066	0,286
CHR13	1506067	CHR13:1506067	SSF x Near_LoA	-6,910	-0,084	0,282
CHR13	1506071	CHR13:1506071	SSF x Near_LoA	-8,288	0,071	0,293
CHR13	1506145	CHR13:1506145	SSF x Near_LoA	-8,369	-0,087	0,297
CHR13	1506181	CHR13:1506181	SSF x Near_LoA	-10,201	-0,067	0,293
CHR13	1506182	CHR13:1506182	SSF x Near_LoA	-3,624	0,229	0,263
CHR13	1506188	CHR13:1506188	SSF x Near_LoA	-7,459	0,132	0,281
CHR13	1506225	CHR13:1506225	SSF x Near_LoA	-6,961	0,076	0,293
CHR13	1507674	CHR13:1507674	SSF x Near_LoA	-8,252	0,025	0,297
CHR13	1507694	CHR13:1507694	SSF x Near_LoA	-9,378	0,058	0,272
CHR13	1507724	CHR13:1507724	SSF x Near_LoA	-8,136	0,008	0,278
CHR13	1514694	CHR13:1514694	SSF x Near_LoA	-6,976	-0,042	0,275
CHR13	1514738	CHR13:1514738	SSF x Near_LoA	-7,869	-0,086	0,289
CHR13	1515989	CHR13:1515989	SSF x Near_LoA	-9,035	0,017	0,279
CHR13	1517066	CHR13:1517066	SSF x Near_LoA	-10,437	-0,034	0,286
CHR13	1522707	CHR13:1522707	SSF x Near_LoA	-10,020	0,022	0,274
CHR13	1522718	CHR13:1522718	SSF x Near_LoA	-9,002	-0,061	0,284
CHR13	1522726	CHR13:1522726	SSF x Near_LoA	-7,354	-0,012	0,285
CHR13	1529174	CHR13:1529174	SSF x Near_LoA	-7,593	-0,083	0,279
CHR13	1529195	CHR13:1529195	SSF x Near_LoA	-10,420	0,023	0,272

CHR13	1529212	CHR13:1529212	SSF x Near_LoA	-9,559	-0,015	0,291
CHR13	1529221	CHR13:1529221	SSF x Near_LoA	-8,040	0,032	0,289
CHR13	1529254	CHR13:1529254	SSF x Near_LoA	-6,373	-0,098	0,284
CHR13	1529352	CHR13:1529352	SSF x Near_LoA	-5,467	-0,205	0,274
CHR13	1529374	CHR13:1529374	SSF x Near_LoA	-4,344	-0,198	0,262
CHR13	1531099	CHR13:1531099	SSF x Near_LoA	-8,732	0,045	0,286
CHR13	1536711	CHR13:1536711	SSF x Near_LoA	-9,020	-0,026	0,292
CHR13	1536723	CHR13:1536723	SSF x Near_LoA	-9,386	-0,026	0,299
CHR13	1536765	CHR13:1536765	SSF x Near_LoA	-7,696	0,028	0,274
CHR13	1536849	CHR13:1536849	SSF x Near_LoA	-7,645	0,059	0,289
CHR13	1536853	CHR13:1536853	SSF x Near_LoA	-6,712	0,125	0,285
CHR13	1551727	CHR13:1551727	SSF x Near_LoA	-8,462	0,094	0,294
CHR13	1551845	CHR13:1551845	SSF x Near_LoA	-7,388	-0,111	0,287
CHR13	1551992	CHR13:1551992	SSF x Near_LoA	-7,637	-0,078	0,286
CHR13	1552024	CHR13:1552024	SSF x Near_LoA	-8,923	-0,067	0,299
CHR13	1557636	CHR13:1557636	SSF x Near_LoA	-2,763	0,132	0,290
CHR13	1560027	CHR13:1560027	SSF x Near_LoA	-5,095	-0,164	0,284
CHR13	1594049	CHR13:1594049	SSF x Near_LoA	-10,244	-0,038	0,276
CHR13	1594052	CHR13:1594052	SSF x Near_LoA	-5,819	0,158	0,285
CHR13	1594060	CHR13:1594060	SSF x Near_LoA	-8,947	0,002	0,285
CHR13	1594068	CHR13:1594068	SSF x Near_LoA	-8,242	0,007	0,288
CHR13	1594097	CHR13:1594097	SSF x Near_LoA	-7,109	-0,031	0,287
CHR13	1594102	CHR13:1594102	SSF x Near_LoA	-10,270	0,022	0,286
CHR13	1594143	CHR13:1594143	SSF x Near_LoA	-9,502	0,007	0,290
CHR13	1594147	CHR13:1594147	SSF x Near_LoA	-3,856	0,073	0,288
CHR13	1594182	CHR13:1594182	SSF x Near_LoA	-7,496	-0,100	0,296
CHR13	1594196	CHR13:1594196	SSF x Near_LoA	-7,392	-0,138	0,277
CHR13	1594212	CHR13:1594212	SSF x Near_LoA	-9,756	-0,010	0,304
CHR13	1594213	CHR13:1594213	SSF x Near_LoA	-7,801	-0,033	0,293
CHR13	1596227	CHR13:1596227	SSF x Near_LoA	-9,439	0,081	0,276
CHR13	1606244	CHR13:1606244	SSF x Near_LoA	-9,577	-0,089	0,293
CHR13	1606301	CHR13:1606301	SSF x Near_LoA	-6,123	0,247	0,271
CHR13	1606302	CHR13:1606302	SSF x Near_LoA	-6,416	0,249	0,262
CHR13	1606365	CHR13:1606365	SSF x Near_LoA	-10,188	-0,056	0,272
CHR13	1606433	CHR13:1606433	SSF x Near_LoA	-7,789	-0,053	0,280
CHR13	1606439	CHR13:1606439	SSF x Near_LoA	-6,882	-0,004	0,288
CHR13	1606451	CHR13:1606451	SSF x Near_LoA	-7,907	-0,027	0,297
CHR13	1610592	CHR13:1610592	SSF x Near_LoA	-9,441	0,030	0,283
CHR13	1610655	CHR13:1610655	SSF x Near_LoA	-4,127	-0,224	0,273
CHR13	1618488	CHR13:1618488	SSF x Near_LoA	-6,627	-0,204	0,292
CHR13	1618617	CHR13:1618617	SSF x Near_LoA	-7,730	-0,041	0,285
CHR13	1618663	CHR13:1618663	SSF x Near_LoA	-8,434	-0,046	0,299
CHR13	1618665	CHR13:1618665	SSF x Near_LoA	-8,616	-0,025	0,292
CHR13	1618711	CHR13:1618711	SSF x Near_LoA	-7,721	-0,152	0,284
CHR13	1664168	CHR13:1664168	SSF x Near_LoA	-4,158	-0,237	0,275
CHR13	1664283	CHR13:1664283	SSF x Near_LoA	-9,855	-0,039	0,281
CHR13	1664318	CHR13:1664318	SSF x Near_LoA	-8,914	0,066	0,294
CHR13	1664490	CHR13:1664490	SSF x Near_LoA	-9,659	-0,057	0,296
CHR13	1670512	CHR13:1670512	SSF x Near_LoA	-8,954	-0,002	0,288
CHR13	1670562	CHR13:1670562	SSF x Near_LoA	-4,820	-0,257	0,278
CHR13	1670570	CHR13:1670570	SSF x Near_LoA	-7,694	-0,044	0,279
CHR13	1670572	CHR13:1670572	SSF x Near_LoA	-7,660	-0,037	0,283
CHR13	1670612	CHR13:1670612	SSF x Near_LoA	-3,944	-0,112	0,281

CHR13	1670637	CHR13:1670637	SSF x Near_LoA	-7,723	-0,136	0,279
CHR13	1673539	CHR13:1673539	SSF x Near_LoA	-6,609	-0,168	0,268
CHR13	1673763	CHR13:1673763	SSF x Near_LoA	-8,203	0,055	0,285
CHR13	1685922	CHR13:1685922	SSF x Near_LoA	-8,675	0,035	0,286
CHR13	168976	CHR13:168976	SSF x Near_LoA	-8,759	-0,081	0,273
CHR13	168977	CHR13:168977	SSF x Near_LoA	-7,452	-0,048	0,287
CHR13	1702877	CHR13:1702877	SSF x Near_LoA	-0,590	0,150	0,293
CHR13	1712693	CHR13:1712693	SSF x Near_LoA	-10,542	0,030	0,275
CHR13	1712861	CHR13:1712861	SSF x Near_LoA	-6,914	0,099	0,292
CHR13	1733949	CHR13:1733949	SSF x Near_LoA	-6,920	0,059	0,298
CHR13	1733981	CHR13:1733981	SSF x Near_LoA	-6,274	-0,105	0,308
CHR13	1733982	CHR13:1733982	SSF x Near_LoA	-4,157	-0,120	0,293
CHR13	1733987	CHR13:1733987	SSF x Near_LoA	-7,059	-0,162	0,271
CHR13	1733998	CHR13:1733998	SSF x Near_LoA	-6,931	-0,098	0,295
CHR13	1734000	CHR13:1734000	SSF x Near_LoA	-5,169	-0,176	0,267
CHR13	1734069	CHR13:1734069	SSF x Near_LoA	-6,915	0,052	0,272
CHR13	1734081	CHR13:1734081	SSF x Near_LoA	-7,249	0,043	0,293
CHR13	1734125	CHR13:1734125	SSF x Near_LoA	-7,628	-0,017	0,290
CHR13	1734197	CHR13:1734197	SSF x Near_LoA	-8,482	-0,173	0,297
CHR13	1736690	CHR13:1736690	SSF x Near_LoA	-8,711	-0,012	0,283
CHR13	1736750	CHR13:1736750	SSF x Near_LoA	-4,529	-0,159	0,280
CHR13	174616	CHR13:174616	SSF x Near_LoA	-9,819	-0,001	0,297
CHR13	174626	CHR13:174626	SSF x Near_LoA	-8,789	-0,032	0,296
CHR13	174667	CHR13:174667	SSF x Near_LoA	-10,145	-0,019	0,299
CHR13	1756875	CHR13:1756875	SSF x Near_LoA	-8,507	0,045	0,273
CHR13	1775354	CHR13:1775354	SSF x Near_LoA	-9,506	0,072	0,280
CHR13	1775436	CHR13:1775436	SSF x Near_LoA	-8,793	-0,047	0,296
CHR13	1783054	CHR13:1783054	SSF x Near_LoA	-8,880	0,033	0,282
CHR13	18470	CHR13:18470	SSF x Near_LoA	-1,775	-0,053	0,296
CHR13	266411	CHR13:266411	SSF x Near_LoA	-8,707	-0,198	0,259
CHR13	270157	CHR13:270157	SSF x Near_LoA	-10,252	-0,032	0,285
CHR13	270163	CHR13:270163	SSF x Near_LoA	-10,372	-0,004	0,290
CHR13	270328	CHR13:270328	SSF x Near_LoA	-8,411	-0,033	0,281
CHR13	275379	CHR13:275379	SSF x Near_LoA	-7,535	0,012	0,297
CHR13	281741	CHR13:281741	SSF x Near_LoA	-6,489	0,010	0,305
CHR13	333305	CHR13:333305	SSF x Near_LoA	-7,206	0,036	0,307
CHR13	34926	CHR13:34926	SSF x Near_LoA	-7,075	-0,046	0,288
CHR13	34947	CHR13:34947	SSF x Near_LoA	-10,075	-0,046	0,291
CHR13	385421	CHR13:385421	SSF x Near_LoA	-8,814	-0,028	0,295
CHR13	397292	CHR13:397292	SSF x Near_LoA	-7,901	-0,120	0,281
CHR13	397377	CHR13:397377	SSF x Near_LoA	-7,005	0,022	0,302
CHR13	397434	CHR13:397434	SSF x Near_LoA	-8,516	-0,043	0,283
CHR13	397447	CHR13:397447	SSF x Near_LoA	-3,036	0,183	0,269
CHR13	399951	CHR13:399951	SSF x Near_LoA	-8,087	0,011	0,273
CHR13	399962	CHR13:399962	SSF x Near_LoA	-7,676	0,049	0,279
CHR13	399965	CHR13:399965	SSF x Near_LoA	-6,533	-0,042	0,296
CHR13	399973	CHR13:399973	SSF x Near_LoA	-7,908	-0,054	0,286
CHR13	399976	CHR13:399976	SSF x Near_LoA	-6,983	0,047	0,285
CHR13	400096	CHR13:400096	SSF x Near_LoA	-7,071	0,085	0,266
CHR13	400100	CHR13:400100	SSF x Near_LoA	-7,169	0,096	0,277
CHR13	400133	CHR13:400133	SSF x Near_LoA	-9,151	0,035	0,268
CHR13	400135	CHR13:400135	SSF x Near_LoA	-8,318	0,047	0,289
CHR13	400139	CHR13:400139	SSF x Near_LoA	-8,328	0,060	0,302

CHR13	400142	CHR13:400142	SSF x Near_LoA	-9,899	-0,070	0,288
CHR13	400153	CHR13:400153	SSF x Near_LoA	-8,657	-0,058	0,292
CHR13	400182	CHR13:400182	SSF x Near_LoA	-7,524	-0,058	0,281
CHR13	406590	CHR13:406590	SSF x Near_LoA	-8,798	-0,068	0,278
CHR13	406597	CHR13:406597	SSF x Near_LoA	-8,863	0,058	0,289
CHR13	406606	CHR13:406606	SSF x Near_LoA	-10,190	0,021	0,277
CHR13	406611	CHR13:406611	SSF x Near_LoA	-8,272	0,103	0,274
CHR13	406646	CHR13:406646	SSF x Near_LoA	-4,775	0,078	0,278
CHR13	406658	CHR13:406658	SSF x Near_LoA	-8,582	-0,020	0,275
CHR13	406662	CHR13:406662	SSF x Near_LoA	-7,413	0,007	0,303
CHR13	406676	CHR13:406676	SSF x Near_LoA	-7,709	-0,022	0,286
CHR13	406710	CHR13:406710	SSF x Near_LoA	-5,309	0,095	0,288
CHR13	406714	CHR13:406714	SSF x Near_LoA	-7,548	0,107	0,283
CHR13	406740	CHR13:406740	SSF x Near_LoA	-8,088	-0,148	0,300
CHR13	406747	CHR13:406747	SSF x Near_LoA	-7,116	0,080	0,301
CHR13	406857	CHR13:406857	SSF x Near_LoA	-6,415	0,081	0,273
CHR13	411467	CHR13:411467	SSF x Near_LoA	-3,745	0,218	0,291
CHR13	411527	CHR13:411527	SSF x Near_LoA	-4,419	0,208	0,277
CHR13	411544	CHR13:411544	SSF x Near_LoA	-9,089	0,016	0,304
CHR13	411749	CHR13:411749	SSF x Near_LoA	-7,808	-0,050	0,281
CHR13	411789	CHR13:411789	SSF x Near_LoA	-9,282	-0,026	0,304
CHR13	411792	CHR13:411792	SSF x Near_LoA	-10,676	-0,050	0,276
CHR13	414845	CHR13:414845	SSF x Near_LoA	-8,734	0,151	0,283
CHR13	414919	CHR13:414919	SSF x Near_LoA	-5,053	0,107	0,293
CHR13	414933	CHR13:414933	SSF x Near_LoA	-6,210	0,143	0,278
CHR13	414950	CHR13:414950	SSF x Near_LoA	-8,276	0,110	0,270
CHR13	417175	CHR13:417175	SSF x Near_LoA	-6,636	-0,104	0,289
CHR13	417218	CHR13:417218	SSF x Near_LoA	-8,360	-0,010	0,278
CHR13	417247	CHR13:417247	SSF x Near_LoA	-8,722	-0,169	0,281
CHR13	417259	CHR13:417259	SSF x Near_LoA	-8,823	-0,071	0,291
CHR13	417265	CHR13:417265	SSF x Near_LoA	-8,538	0,007	0,295
CHR13	417300	CHR13:417300	SSF x Near_LoA	-5,346	0,080	0,290
CHR13	417352	CHR13:417352	SSF x Near_LoA	-7,411	0,015	0,288
CHR13	417388	CHR13:417388	SSF x Near_LoA	-10,519	0,055	0,283
CHR13	418121	CHR13:418121	SSF x Near_LoA	-10,732	-0,047	0,279
CHR13	418132	CHR13:418132	SSF x Near_LoA	-8,125	-0,073	0,298
CHR13	418186	CHR13:418186	SSF x Near_LoA	-8,893	-0,036	0,276
CHR13	418232	CHR13:418232	SSF x Near_LoA	-8,003	-0,007	0,300
CHR13	418244	CHR13:418244	SSF x Near_LoA	-6,924	0,042	0,299
CHR13	418451	CHR13:418451	SSF x Near_LoA	-10,179	0,070	0,276
CHR13	418484	CHR13:418484	SSF x Near_LoA	-6,374	-0,161	0,284
CHR13	418500	CHR13:418500	SSF x Near_LoA	-8,341	-0,061	0,281
CHR13	4211254	CHR13:4211254	SSF x Near_LoA	-8,239	0,046	0,287
CHR13	4211431	CHR13:4211431	SSF x Near_LoA	-8,281	0,095	0,266
CHR13	4217605	CHR13:4217605	SSF x Near_LoA	-8,553	-0,113	0,285
CHR13	4217786	CHR13:4217786	SSF x Near_LoA	-7,436	-0,023	0,287
CHR13	4258207	CHR13:4258207	SSF x Near_LoA	-8,062	0,009	0,283
CHR13	4258215	CHR13:4258215	SSF x Near_LoA	-9,533	-0,120	0,283
CHR13	4258239	CHR13:4258239	SSF x Near_LoA	-7,079	-0,091	0,289
CHR13	4258455	CHR13:4258455	SSF x Near_LoA	-8,884	0,000	0,288
CHR13	4269458	CHR13:4269458	SSF x Near_LoA	-8,718	0,127	0,275
CHR13	4287194	CHR13:4287194	SSF x Near_LoA	-8,714	0,039	0,293
CHR13	4287261	CHR13:4287261	SSF x Near_LoA	-5,530	0,020	0,274

CHR13	4287288	CHR13:4287288	SSF x Near_LoA	-7,778	-0,052	0,278
CHR13	4287301	CHR13:4287301	SSF x Near_LoA	-9,747	0,042	0,289
CHR13	4287360	CHR13:4287360	SSF x Near_LoA	-5,528	-0,040	0,291
CHR13	4287397	CHR13:4287397	SSF x Near_LoA	-8,866	0,046	0,291
CHR13	428752	CHR13:428752	SSF x Near_LoA	-7,164	-0,029	0,280
CHR13	428789	CHR13:428789	SSF x Near_LoA	-6,873	-0,030	0,308
CHR13	428827	CHR13:428827	SSF x Near_LoA	-9,703	0,040	0,283
CHR13	4290838	CHR13:4290838	SSF x Near_LoA	-5,921	0,113	0,294
CHR13	4290863	CHR13:4290863	SSF x Near_LoA	-6,499	-0,076	0,294
CHR13	4290888	CHR13:4290888	SSF x Near_LoA	-4,640	0,120	0,292
CHR13	4290976	CHR13:4290976	SSF x Near_LoA	-8,387	-0,065	0,288
CHR13	4291058	CHR13:4291058	SSF x Near_LoA	-6,946	0,185	0,288
CHR13	429229	CHR13:429229	SSF x Near_LoA	-9,311	0,062	0,277
CHR13	429281	CHR13:429281	SSF x Near_LoA	-5,136	-0,144	0,288
CHR13	429296	CHR13:429296	SSF x Near_LoA	-3,404	-0,219	0,281
CHR13	4325068	CHR13:4325068	SSF x Near_LoA	-7,418	0,032	0,281
CHR13	4325098	CHR13:4325098	SSF x Near_LoA	-9,212	0,080	0,292
CHR13	4325165	CHR13:4325165	SSF x Near_LoA	-6,409	0,012	0,303
CHR13	4325197	CHR13:4325197	SSF x Near_LoA	-0,766	-0,177	0,273
CHR13	4325198	CHR13:4325198	SSF x Near_LoA	-5,509	-0,195	0,265
CHR13	4325212	CHR13:4325212	SSF x Near_LoA	-7,080	0,146	0,274
CHR13	4325213	CHR13:4325213	SSF x Near_LoA	-11,042	-0,001	0,283
CHR13	4325217	CHR13:4325217	SSF x Near_LoA	-9,608	-0,129	0,265
CHR13	4332116	CHR13:4332116	SSF x Near_LoA	-6,754	-0,117	0,284
CHR13	4332138	CHR13:4332138	SSF x Near_LoA	-7,375	-0,093	0,284
CHR13	4332159	CHR13:4332159	SSF x Near_LoA	-7,386	-0,077	0,278
CHR13	4332182	CHR13:4332182	SSF x Near_LoA	-7,574	-0,001	0,286
CHR13	4333340	CHR13:4333340	SSF x Near_LoA	-8,683	0,070	0,284
CHR13	4333364	CHR13:4333364	SSF x Near_LoA	-7,927	0,012	0,280
CHR13	4333369	CHR13:4333369	SSF x Near_LoA	-6,179	-0,011	0,296
CHR13	4333414	CHR13:4333414	SSF x Near_LoA	-7,660	0,161	0,281
CHR13	4339041	CHR13:4339041	SSF x Near_LoA	-9,310	-0,078	0,293
CHR13	4339049	CHR13:4339049	SSF x Near_LoA	-8,087	0,000	0,271
CHR13	4339241	CHR13:4339241	SSF x Near_LoA	-8,409	0,039	0,283
CHR13	436027	CHR13:436027	SSF x Near_LoA	-5,933	-0,091	0,288
CHR13	436035	CHR13:436035	SSF x Near_LoA	-9,473	0,027	0,297
CHR13	436037	CHR13:436037	SSF x Near_LoA	-9,914	-0,007	0,286
CHR13	436059	CHR13:436059	SSF x Near_LoA	-9,622	-0,039	0,288
CHR13	436142	CHR13:436142	SSF x Near_LoA	-8,611	0,018	0,289
CHR13	436168	CHR13:436168	SSF x Near_LoA	-3,530	0,158	0,283
CHR13	436170	CHR13:436170	SSF x Near_LoA	-9,253	-0,084	0,291
CHR13	436194	CHR13:436194	SSF x Near_LoA	-8,270	-0,085	0,288
CHR13	436201	CHR13:436201	SSF x Near_LoA	-8,089	0,160	0,275
CHR13	436238	CHR13:436238	SSF x Near_LoA	-9,891	-0,045	0,298
CHR13	436244	CHR13:436244	SSF x Near_LoA	-9,180	0,055	0,290
CHR13	436263	CHR13:436263	SSF x Near_LoA	-2,736	-0,068	0,287
CHR13	436270	CHR13:436270	SSF x Near_LoA	-7,862	-0,060	0,306
CHR13	436275	CHR13:436275	SSF x Near_LoA	-10,519	0,072	0,264
CHR13	436351	CHR13:436351	SSF x Near_LoA	-6,661	-0,003	0,289
CHR13	436364	CHR13:436364	SSF x Near_LoA	-5,914	0,153	0,261
CHR13	436376	CHR13:436376	SSF x Near_LoA	-10,588	-0,060	0,278
CHR13	436402	CHR13:436402	SSF x Near_LoA	-10,373	0,022	0,302
CHR13	4379258	CHR13:4379258	SSF x Near_LoA	-10,169	-0,137	0,265

CHR13	4379419	CHR13:4379419	SSF x Near_LoA	-10,309	0,055	0,284
CHR13	4379457	CHR13:4379457	SSF x Near_LoA	-8,873	-0,077	0,279
CHR13	4383427	CHR13:4383427	SSF x Near_LoA	-7,822	-0,170	0,285
CHR13	4386342	CHR13:4386342	SSF x Near_LoA	-10,773	-0,040	0,270
CHR13	4386390	CHR13:4386390	SSF x Near_LoA	-9,859	0,052	0,282
CHR13	4386420	CHR13:4386420	SSF x Near_LoA	-8,414	-0,100	0,286
CHR13	4386432	CHR13:4386432	SSF x Near_LoA	-8,580	0,070	0,293
CHR13	4386487	CHR13:4386487	SSF x Near_LoA	-7,753	-0,083	0,289
CHR13	4386488	CHR13:4386488	SSF x Near_LoA	-9,299	-0,025	0,292
CHR13	4386506	CHR13:4386506	SSF x Near_LoA	-6,814	-0,098	0,287
CHR13	4386541	CHR13:4386541	SSF x Near_LoA	-5,846	-0,147	0,288
CHR13	4401859	CHR13:4401859	SSF x Near_LoA	-1,132	0,231	0,277
CHR13	4401896	CHR13:4401896	SSF x Near_LoA	-5,403	0,185	0,283
CHR13	4401938	CHR13:4401938	SSF x Near_LoA	-7,743	-0,065	0,276
CHR13	4401984	CHR13:4401984	SSF x Near_LoA	-8,148	-0,007	0,280
CHR13	4401985	CHR13:4401985	SSF x Near_LoA	-10,851	-0,014	0,290
CHR13	4402018	CHR13:4402018	SSF x Near_LoA	-0,524	0,194	0,271
CHR13	4428994	CHR13:4428994	SSF x Near_LoA	-10,564	-0,006	0,295
CHR13	4428999	CHR13:4428999	SSF x Near_LoA	-10,531	-0,027	0,294
CHR13	4429030	CHR13:4429030	SSF x Near_LoA	-10,995	-0,034	0,282
CHR13	4429110	CHR13:4429110	SSF x Near_LoA	-8,583	0,009	0,294
CHR13	4429115	CHR13:4429115	SSF x Near_LoA	-6,309	-0,193	0,283
CHR13	4429167	CHR13:4429167	SSF x Near_LoA	-1,866	-0,186	0,276
CHR13	4452003	CHR13:4452003	SSF x Near_LoA	-10,194	-0,095	0,293
CHR13	4457933	CHR13:4457933	SSF x Near_LoA	-5,378	0,169	0,284
CHR13	4457972	CHR13:4457972	SSF x Near_LoA	-9,093	-0,055	0,289
CHR13	4457997	CHR13:4457997	SSF x Near_LoA	-8,845	-0,079	0,297
CHR13	4464278	CHR13:4464278	SSF x Near_LoA	-6,973	-0,067	0,290
CHR13	4464279	CHR13:4464279	SSF x Near_LoA	-8,755	-0,038	0,287
CHR13	4464300	CHR13:4464300	SSF x Near_LoA	-8,515	-0,147	0,265
CHR13	4464380	CHR13:4464380	SSF x Near_LoA	-8,902	0,054	0,272
CHR13	4477193	CHR13:4477193	SSF x Near_LoA	-8,340	-0,017	0,292
CHR13	4486908	CHR13:4486908	SSF x Near_LoA	-6,708	0,020	0,300
CHR13	4492293	CHR13:4492293	SSF x Near_LoA	-10,004	-0,012	0,287
CHR13	4493367	CHR13:4493367	SSF x Near_LoA	-8,357	0,077	0,286
CHR13	4493420	CHR13:4493420	SSF x Near_LoA	-9,583	0,016	0,303
CHR13	4497274	CHR13:4497274	SSF x Near_LoA	-9,063	0,120	0,277
CHR13	4497305	CHR13:4497305	SSF x Near_LoA	-7,172	0,108	0,286
CHR13	4497309	CHR13:4497309	SSF x Near_LoA	-8,812	0,107	0,291
CHR13	4497390	CHR13:4497390	SSF x Near_LoA	-9,348	0,079	0,297
CHR13	4518475	CHR13:4518475	SSF x Near_LoA	-8,775	0,129	0,271
CHR13	4536709	CHR13:4536709	SSF x Near_LoA	-7,893	0,049	0,286
CHR13	4536768	CHR13:4536768	SSF x Near_LoA	-6,557	0,154	0,277
CHR13	4536773	CHR13:4536773	SSF x Near_LoA	-8,792	0,036	0,289
CHR13	4557453	CHR13:4557453	SSF x Near_LoA	-3,580	0,172	0,271
CHR13	4557493	CHR13:4557493	SSF x Near_LoA	-8,066	-0,021	0,291
CHR13	4557509	CHR13:4557509	SSF x Near_LoA	-7,503	0,135	0,276
CHR13	4561291	CHR13:4561291	SSF x Near_LoA	-7,364	-0,003	0,294
CHR13	4561326	CHR13:4561326	SSF x Near_LoA	-9,677	-0,101	0,275
CHR13	456477	CHR13:456477	SSF x Near_LoA	-8,580	0,007	0,285
CHR13	456484	CHR13:456484	SSF x Near_LoA	-7,289	0,156	0,276
CHR13	4616615	CHR13:4616615	SSF x Near_LoA	-7,834	0,090	0,296
CHR13	4616723	CHR13:4616723	SSF x Near_LoA	-8,240	-0,027	0,285

CHR13	4616738	CHR13:4616738	SSF x Near_LoA	-8,078	-0,024	0,283
CHR13	4616915	CHR13:4616915	SSF x Near_LoA	-8,298	0,006	0,285
CHR13	4635602	CHR13:4635602	SSF x Near_LoA	-8,744	-0,082	0,287
CHR13	4635766	CHR13:4635766	SSF x Near_LoA	-8,490	0,117	0,290
CHR13	4635773	CHR13:4635773	SSF x Near_LoA	-9,846	0,041	0,279
CHR13	4635822	CHR13:4635822	SSF x Near_LoA	-7,811	-0,062	0,277
CHR13	4661752	CHR13:4661752	SSF x Near_LoA	-0,689	0,204	0,283
CHR13	4661841	CHR13:4661841	SSF x Near_LoA	-6,835	0,064	0,288
CHR13	4661931	CHR13:4661931	SSF x Near_LoA	-9,732	0,000	0,276
CHR13	4661948	CHR13:4661948	SSF x Near_LoA	-8,396	0,026	0,284
CHR13	4667521	CHR13:4667521	SSF x Near_LoA	-8,489	0,077	0,284
CHR13	4670577	CHR13:4670577	SSF x Near_LoA	-7,419	-0,155	0,282
CHR13	4670591	CHR13:4670591	SSF x Near_LoA	-7,332	-0,152	0,277
CHR13	4670598	CHR13:4670598	SSF x Near_LoA	-6,496	-0,110	0,292
CHR13	4670633	CHR13:4670633	SSF x Near_LoA	-10,169	-0,031	0,281
CHR13	4670634	CHR13:4670634	SSF x Near_LoA	-9,619	-0,033	0,281
CHR13	4670678	CHR13:4670678	SSF x Near_LoA	-9,896	0,033	0,280
CHR13	4670777	CHR13:4670777	SSF x Near_LoA	-7,519	-0,106	0,293
CHR13	4680690	CHR13:4680690	SSF x Near_LoA	0,272	0,217	0,276
CHR13	4680817	CHR13:4680817	SSF x Near_LoA	-7,776	-0,112	0,281
CHR13	4680822	CHR13:4680822	SSF x Near_LoA	-6,848	0,036	0,303
CHR13	4680886	CHR13:4680886	SSF x Near_LoA	-6,988	0,046	0,279
CHR13	4689908	CHR13:4689908	SSF x Near_LoA	-6,006	0,109	0,275
CHR13	4689922	CHR13:4689922	SSF x Near_LoA	-8,906	-0,049	0,272
CHR13	4689946	CHR13:4689946	SSF x Near_LoA	-9,545	-0,002	0,269
CHR13	4689959	CHR13:4689959	SSF x Near_LoA	-8,655	0,042	0,270
CHR13	4690038	CHR13:4690038	SSF x Near_LoA	-9,107	0,052	0,284
CHR13	4690066	CHR13:4690066	SSF x Near_LoA	-9,342	0,041	0,275
CHR13	4690070	CHR13:4690070	SSF x Near_LoA	-8,676	0,067	0,275
CHR13	4690086	CHR13:4690086	SSF x Near_LoA	-9,399	0,082	0,263
CHR13	4712281	CHR13:4712281	SSF x Near_LoA	-7,669	0,000	0,297
CHR13	4714471	CHR13:4714471	SSF x Near_LoA	-5,988	-0,197	0,279
CHR13	4714489	CHR13:4714489	SSF x Near_LoA	-5,209	-0,100	0,290
CHR13	4714764	CHR13:4714764	SSF x Near_LoA	-6,316	-0,164	0,286
CHR13	4718935	CHR13:4718935	SSF x Near_LoA	-8,963	0,025	0,287
CHR13	4728153	CHR13:4728153	SSF x Near_LoA	-7,518	-0,051	0,280
CHR13	4728818	CHR13:4728818	SSF x Near_LoA	-7,817	0,004	0,293
CHR13	4729481	CHR13:4729481	SSF x Near_LoA	-7,013	-0,083	0,297
CHR13	4729505	CHR13:4729505	SSF x Near_LoA	-9,725	0,048	0,294
CHR13	4729550	CHR13:4729550	SSF x Near_LoA	-5,974	-0,158	0,274
CHR13	4738104	CHR13:4738104	SSF x Near_LoA	-9,552	-0,080	0,278
CHR13	4738201	CHR13:4738201	SSF x Near_LoA	-7,513	0,007	0,293
CHR13	4738303	CHR13:4738303	SSF x Near_LoA	-6,973	-0,097	0,286
CHR13	474672	CHR13:474672	SSF x Near_LoA	-9,336	0,079	0,289
CHR13	474763	CHR13:474763	SSF x Near_LoA	-8,631	0,166	0,273
CHR13	474850	CHR13:474850	SSF x Near_LoA	-9,249	0,036	0,288
CHR13	474910	CHR13:474910	SSF x Near_LoA	-8,108	0,115	0,270
CHR13	4750770	CHR13:4750770	SSF x Near_LoA	-4,477	0,152	0,263
CHR13	4755913	CHR13:4755913	SSF x Near_LoA	-5,820	0,055	0,301
CHR13	4772862	CHR13:4772862	SSF x Near_LoA	-8,912	-0,049	0,287
CHR13	4781337	CHR13:4781337	SSF x Near_LoA	-7,129	-0,038	0,291
CHR13	4781584	CHR13:4781584	SSF x Near_LoA	-7,613	0,073	0,293
CHR13	480228	CHR13:480228	SSF x Near_LoA	-7,236	0,192	0,273

CHR13	4802865	CHR13:4802865	SSF x Near_LoA	-8,077	0,096	0,282
CHR13	480318	CHR13:480318	SSF x Near_LoA	-8,475	-0,126	0,286
CHR13	480358	CHR13:480358	SSF x Near_LoA	-6,511	-0,016	0,287
CHR13	480468	CHR13:480468	SSF x Near_LoA	-10,437	0,062	0,292
CHR13	4815570	CHR13:4815570	SSF x Near_LoA	-7,983	-0,157	0,285
CHR13	4843320	CHR13:4843320	SSF x Near_LoA	0,267	0,105	0,292
CHR13	4857653	CHR13:4857653	SSF x Near_LoA	-1,817	-0,062	0,294
CHR13	4868738	CHR13:4868738	SSF x Near_LoA	-7,522	0,003	0,307
CHR13	504953	CHR13:504953	SSF x Near_LoA	-10,290	0,008	0,295
CHR13	504999	CHR13:504999	SSF x Near_LoA	-7,999	-0,054	0,281
CHR13	505097	CHR13:505097	SSF x Near_LoA	-10,764	-0,075	0,284
CHR13	505106	CHR13:505106	SSF x Near_LoA	-8,758	0,009	0,292
CHR13	511182	CHR13:511182	SSF x Near_LoA	-6,615	0,113	0,300
CHR13	511187	CHR13:511187	SSF x Near_LoA	-8,218	0,103	0,284
CHR13	511200	CHR13:511200	SSF x Near_LoA	-8,619	-0,022	0,305
CHR13	511206	CHR13:511206	SSF x Near_LoA	-4,475	-0,149	0,287
CHR13	511238	CHR13:511238	SSF x Near_LoA	-6,857	0,024	0,298
CHR13	511314	CHR13:511314	SSF x Near_LoA	-9,827	0,008	0,292
CHR13	525618	CHR13:525618	SSF x Near_LoA	-7,893	-0,062	0,286
CHR13	5308493	CHR13:5308493	SSF x Near_LoA	-6,542	-0,087	0,312
CHR13	5338437	CHR13:5338437	SSF x Near_LoA	-6,823	0,043	0,292
CHR13	5343046	CHR13:5343046	SSF x Near_LoA	-5,767	-0,151	0,290
CHR13	544857	CHR13:544857	SSF x Near_LoA	4,959	0,130	0,281
CHR13	544880	CHR13:544880	SSF x Near_LoA	-10,314	-0,064	0,284
CHR13	544891	CHR13:544891	SSF x Near_LoA	-6,780	0,024	0,294
CHR13	544935	CHR13:544935	SSF x Near_LoA	-10,151	-0,082	0,282
CHR13	545127	CHR13:545127	SSF x Near_LoA	-9,129	-0,031	0,297
CHR13	547588	CHR13:547588	SSF x Near_LoA	-11,232	-0,023	0,282
CHR13	560901	CHR13:560901	SSF x Near_LoA	-6,209	0,138	0,282
CHR13	560911	CHR13:560911	SSF x Near_LoA	-5,884	-0,115	0,287
CHR13	562359	CHR13:562359	SSF x Near_LoA	-9,189	0,078	0,287
CHR13	562480	CHR13:562480	SSF x Near_LoA	-6,426	-0,012	0,295
CHR13	567862	CHR13:567862	SSF x Near_LoA	-9,526	0,051	0,282
CHR13	567891	CHR13:567891	SSF x Near_LoA	-9,142	-0,075	0,269
CHR13	567916	CHR13:567916	SSF x Near_LoA	-6,973	-0,121	0,279
CHR13	568054	CHR13:568054	SSF x Near_LoA	-9,468	-0,012	0,284
CHR13	568122	CHR13:568122	SSF x Near_LoA	-8,811	-0,026	0,288
CHR13	577540	CHR13:577540	SSF x Near_LoA	-3,723	-0,102	0,308
CHR13	577594	CHR13:577594	SSF x Near_LoA	-9,713	0,006	0,273
CHR13	584061	CHR13:584061	SSF x Near_LoA	-8,484	0,103	0,290
CHR13	584065	CHR13:584065	SSF x Near_LoA	-10,232	0,030	0,298
CHR13	584161	CHR13:584161	SSF x Near_LoA	-8,759	0,017	0,290
CHR13	584210	CHR13:584210	SSF x Near_LoA	-9,620	0,051	0,287
CHR13	584250	CHR13:584250	SSF x Near_LoA	-7,748	-0,125	0,277
CHR13	584303	CHR13:584303	SSF x Near_LoA	-4,590	0,201	0,271
CHR13	5919905	CHR13:5919905	SSF x Near_LoA	-6,681	0,042	0,312
CHR13	5928951	CHR13:5928951	SSF x Near_LoA	-9,406	0,042	0,284
CHR13	5947695	CHR13:5947695	SSF x Near_LoA	-8,406	-0,086	0,288
CHR13	5947890	CHR13:5947890	SSF x Near_LoA	-9,867	-0,056	0,297
CHR13	5947941	CHR13:5947941	SSF x Near_LoA	-7,527	-0,149	0,294
CHR13	5948017	CHR13:5948017	SSF x Near_LoA	-4,889	-0,212	0,275
CHR13	5967661	CHR13:5967661	SSF x Near_LoA	-9,618	0,033	0,269
CHR13	5967703	CHR13:5967703	SSF x Near_LoA	-7,482	0,014	0,267

CHR13	5967777	CHR13:5967777	SSF x Near_LoA	-9,173	0,024	0,268
CHR13	5976526	CHR13:5976526	SSF x Near_LoA	-6,274	-0,129	0,274
CHR13	5976585	CHR13:5976585	SSF x Near_LoA	-3,414	-0,129	0,285
CHR13	5985176	CHR13:5985176	SSF x Near_LoA	-9,741	-0,046	0,286
CHR13	5985256	CHR13:5985256	SSF x Near_LoA	-9,190	0,132	0,282
CHR13	5995584	CHR13:5995584	SSF x Near_LoA	-5,869	0,037	0,276
CHR13	6005693	CHR13:6005693	SSF x Near_LoA	-8,906	-0,108	0,275
CHR13	6005714	CHR13:6005714	SSF x Near_LoA	-2,052	0,061	0,303
CHR13	6010797	CHR13:6010797	SSF x Near_LoA	-10,548	-0,076	0,270
CHR13	6010829	CHR13:6010829	SSF x Near_LoA	-3,993	0,157	0,282
CHR13	6012292	CHR13:6012292	SSF x Near_LoA	-6,779	-0,084	0,295
CHR13	6012462	CHR13:6012462	SSF x Near_LoA	-6,959	-0,070	0,287
CHR13	6012510	CHR13:6012510	SSF x Near_LoA	-5,367	0,191	0,265
CHR13	6031807	CHR13:6031807	SSF x Near_LoA	-7,218	0,140	0,288
CHR13	603642	CHR13:603642	SSF x Near_LoA	-4,436	0,086	0,288
CHR13	603690	CHR13:603690	SSF x Near_LoA	-7,966	-0,131	0,298
CHR13	603730	CHR13:603730	SSF x Near_LoA	-2,390	0,291	0,259
CHR13	6037423	CHR13:6037423	SSF x Near_LoA	-9,935	-0,052	0,280
CHR13	603805	CHR13:603805	SSF x Near_LoA	-5,515	0,095	0,291
CHR13	603887	CHR13:603887	SSF x Near_LoA	-0,734	-0,129	0,278
CHR13	6044531	CHR13:6044531	SSF x Near_LoA	-8,564	-0,130	0,287
CHR13	6044930	CHR13:6044930	SSF x Near_LoA	-7,417	0,152	0,281
CHR13	605548	CHR13:605548	SSF x Near_LoA	-9,220	0,026	0,294
CHR13	605613	CHR13:605613	SSF x Near_LoA	-7,769	-0,053	0,294
CHR13	605617	CHR13:605617	SSF x Near_LoA	-5,679	-0,106	0,282
CHR13	605678	CHR13:605678	SSF x Near_LoA	-9,865	-0,117	0,272
CHR13	605780	CHR13:605780	SSF x Near_LoA	-9,022	-0,001	0,289
CHR13	6058327	CHR13:6058327	SSF x Near_LoA	-6,363	-0,051	0,284
CHR13	6058461	CHR13:6058461	SSF x Near_LoA	-10,155	0,065	0,286
CHR13	6058538	CHR13:6058538	SSF x Near_LoA	-8,803	0,069	0,277
CHR13	6064310	CHR13:6064310	SSF x Near_LoA	-10,586	0,062	0,276
CHR13	6064375	CHR13:6064375	SSF x Near_LoA	-10,357	0,047	0,282
CHR13	6064443	CHR13:6064443	SSF x Near_LoA	-8,577	-0,043	0,297
CHR13	6064517	CHR13:6064517	SSF x Near_LoA	-7,388	0,103	0,285
CHR13	6064522	CHR13:6064522	SSF x Near_LoA	-7,514	-0,020	0,278
CHR13	6064524	CHR13:6064524	SSF x Near_LoA	-6,073	-0,015	0,281
CHR13	6071803	CHR13:6071803	SSF x Near_LoA	-7,401	-0,095	0,312
CHR13	6071916	CHR13:6071916	SSF x Near_LoA	-8,137	0,023	0,287
CHR13	6071976	CHR13:6071976	SSF x Near_LoA	-6,958	-0,007	0,304
CHR13	6071978	CHR13:6071978	SSF x Near_LoA	-8,175	-0,022	0,288
CHR13	6092160	CHR13:6092160	SSF x Near_LoA	-9,115	0,102	0,276
CHR13	6092245	CHR13:6092245	SSF x Near_LoA	-9,529	-0,002	0,288
CHR13	6127601	CHR13:6127601	SSF x Near_LoA	-9,350	-0,047	0,299
CHR13	6127631	CHR13:6127631	SSF x Near_LoA	-7,841	0,035	0,286
CHR13	6132187	CHR13:6132187	SSF x Near_LoA	-7,812	-0,066	0,285
CHR13	6140797	CHR13:6140797	SSF x Near_LoA	-6,894	0,053	0,296
CHR13	6140800	CHR13:6140800	SSF x Near_LoA	-10,161	0,071	0,286
CHR13	6140822	CHR13:6140822	SSF x Near_LoA	-1,928	0,143	0,282
CHR13	6140874	CHR13:6140874	SSF x Near_LoA	-10,112	-0,035	0,284
CHR13	6140875	CHR13:6140875	SSF x Near_LoA	-10,858	-0,047	0,292
CHR13	6140942	CHR13:6140942	SSF x Near_LoA	-8,501	0,050	0,295
CHR13	6142391	CHR13:6142391	SSF x Near_LoA	-5,886	0,147	0,281
CHR13	6142492	CHR13:6142492	SSF x Near_LoA	-6,514	0,090	0,299

CHR13	6144761	CHR13:6144761	SSF x Near_LoA	-10,078	0,039	0,283
CHR13	6148437	CHR13:6148437	SSF x Near_LoA	-9,304	0,084	0,275
CHR13	6148525	CHR13:6148525	SSF x Near_LoA	-5,635	-0,095	0,292
CHR13	6161487	CHR13:6161487	SSF x Near_LoA	-8,261	-0,119	0,265
CHR13	6170704	CHR13:6170704	SSF x Near_LoA	-8,124	-0,067	0,283
CHR13	6170800	CHR13:6170800	SSF x Near_LoA	-9,159	0,045	0,280
CHR13	6174033	CHR13:6174033	SSF x Near_LoA	-9,425	-0,017	0,288
CHR13	6174140	CHR13:6174140	SSF x Near_LoA	-4,888	-0,181	0,281
CHR13	6174213	CHR13:6174213	SSF x Near_LoA	-4,818	-0,154	0,281
CHR13	6174218	CHR13:6174218	SSF x Near_LoA	-1,206	-0,204	0,279
CHR13	6216915	CHR13:6216915	SSF x Near_LoA	-7,708	0,092	0,296
CHR13	6216941	CHR13:6216941	SSF x Near_LoA	-8,343	0,101	0,281
CHR13	621699	CHR13:621699	SSF x Near_LoA	-6,570	-0,142	0,267
CHR13	622375	CHR13:622375	SSF x Near_LoA	-3,644	-0,155	0,272
CHR13	623812	CHR13:623812	SSF x Near_LoA	-9,587	-0,014	0,294
CHR13	623870	CHR13:623870	SSF x Near_LoA	-9,411	0,126	0,288
CHR13	623876	CHR13:623876	SSF x Near_LoA	-6,805	0,101	0,296
CHR13	623983	CHR13:623983	SSF x Near_LoA	-7,579	0,017	0,279
CHR13	623991	CHR13:623991	SSF x Near_LoA	-4,236	-0,170	0,274
CHR13	624019	CHR13:624019	SSF x Near_LoA	-8,425	0,141	0,284
CHR13	624027	CHR13:624027	SSF x Near_LoA	-2,837	0,151	0,288
CHR13	6253630	CHR13:6253630	SSF x Near_LoA	-6,757	0,042	0,284
CHR13	6253673	CHR13:6253673	SSF x Near_LoA	-8,637	-0,021	0,273
CHR13	6253851	CHR13:6253851	SSF x Near_LoA	-9,316	0,081	0,287
CHR13	6296155	CHR13:6296155	SSF x Near_LoA	-9,547	0,015	0,287
CHR13	6305114	CHR13:6305114	SSF x Near_LoA	-7,684	0,099	0,285
CHR13	6305143	CHR13:6305143	SSF x Near_LoA	-8,045	0,101	0,277
CHR13	6305212	CHR13:6305212	SSF x Near_LoA	-9,987	-0,074	0,297
CHR13	632217	CHR13:632217	SSF x Near_LoA	-9,197	0,007	0,293
CHR13	632221	CHR13:632221	SSF x Near_LoA	-6,808	-0,151	0,285
CHR13	632292	CHR13:632292	SSF x Near_LoA	-6,973	0,062	0,284
CHR13	632296	CHR13:632296	SSF x Near_LoA	-7,375	0,070	0,282
CHR13	632301	CHR13:632301	SSF x Near_LoA	-7,364	-0,041	0,276
CHR13	632316	CHR13:632316	SSF x Near_LoA	-8,040	-0,026	0,300
CHR13	632812	CHR13:632812	SSF x Near_LoA	-7,830	-0,053	0,267
CHR13	6350027	CHR13:6350027	SSF x Near_LoA	-7,171	-0,202	0,277
CHR13	6350047	CHR13:6350047	SSF x Near_LoA	-6,966	-0,020	0,300
CHR13	6350097	CHR13:6350097	SSF x Near_LoA	-6,183	-0,122	0,277
CHR13	6350314	CHR13:6350314	SSF x Near_LoA	-7,104	-0,002	0,282
CHR13	636842	CHR13:636842	SSF x Near_LoA	-3,283	-0,232	0,269
CHR13	636852	CHR13:636852	SSF x Near_LoA	-7,489	-0,041	0,283
CHR13	641387	CHR13:641387	SSF x Near_LoA	-9,748	0,050	0,279
CHR13	641397	CHR13:641397	SSF x Near_LoA	-8,150	-0,050	0,282
CHR13	641466	CHR13:641466	SSF x Near_LoA	-7,798	-0,119	0,294
CHR13	6416165	CHR13:6416165	SSF x Near_LoA	-7,648	0,088	0,300
CHR13	6417693	CHR13:6417693	SSF x Near_LoA	-6,312	0,041	0,288
CHR13	6418897	CHR13:6418897	SSF x Near_LoA	-9,776	-0,110	0,289
CHR13	6418927	CHR13:6418927	SSF x Near_LoA	-6,761	0,027	0,284
CHR13	642214	CHR13:642214	SSF x Near_LoA	-5,323	0,052	0,289
CHR13	6422891	CHR13:6422891	SSF x Near_LoA	-7,303	0,001	0,287
CHR13	6423000	CHR13:6423000	SSF x Near_LoA	-7,132	0,043	0,279
CHR13	6423021	CHR13:6423021	SSF x Near_LoA	-9,413	-0,016	0,283
CHR13	6423038	CHR13:6423038	SSF x Near_LoA	-10,102	0,011	0,302

CHR13	6424231	CHR13:6424231	SSF x Near_LoA	-9,328	0,055	0,281
CHR13	6424395	CHR13:6424395	SSF x Near_LoA	-8,177	-0,127	0,292
CHR13	6424447	CHR13:6424447	SSF x Near_LoA	-9,593	0,134	0,288
CHR13	6428033	CHR13:6428033	SSF x Near_LoA	-6,911	-0,046	0,300
CHR13	6428050	CHR13:6428050	SSF x Near_LoA	-6,404	-0,137	0,286
CHR13	6432902	CHR13:6432902	SSF x Near_LoA	-6,601	0,109	0,288
CHR13	6432946	CHR13:6432946	SSF x Near_LoA	-7,110	0,032	0,292
CHR13	6433044	CHR13:6433044	SSF x Near_LoA	-8,794	0,023	0,284
CHR13	6433046	CHR13:6433046	SSF x Near_LoA	-5,566	0,198	0,287
CHR13	6435143	CHR13:6435143	SSF x Near_LoA	-8,344	0,029	0,290
CHR13	6443901	CHR13:6443901	SSF x Near_LoA	-5,074	-0,165	0,291
CHR13	6443998	CHR13:6443998	SSF x Near_LoA	-8,377	0,033	0,270
CHR13	6444003	CHR13:6444003	SSF x Near_LoA	-6,854	0,081	0,276
CHR13	6444023	CHR13:6444023	SSF x Near_LoA	-6,568	0,097	0,282
CHR13	6454750	CHR13:6454750	SSF x Near_LoA	-8,702	-0,064	0,287
CHR13	6455080	CHR13:6455080	SSF x Near_LoA	-8,753	-0,070	0,292
CHR13	6455098	CHR13:6455098	SSF x Near_LoA	-9,551	-0,051	0,276
CHR13	6455127	CHR13:6455127	SSF x Near_LoA	-9,764	0,044	0,290
CHR13	6455128	CHR13:6455128	SSF x Near_LoA	-8,716	0,058	0,287
CHR13	6456625	CHR13:6456625	SSF x Near_LoA	-9,257	0,139	0,284
CHR13	6456697	CHR13:6456697	SSF x Near_LoA	-9,287	-0,078	0,282
CHR13	6456703	CHR13:6456703	SSF x Near_LoA	-8,822	-0,101	0,287
CHR13	6475622	CHR13:6475622	SSF x Near_LoA	-7,191	0,162	0,273
CHR13	6483405	CHR13:6483405	SSF x Near_LoA	-7,530	0,157	0,285
CHR13	6499542	CHR13:6499542	SSF x Near_LoA	-10,192	0,064	0,278
CHR13	6499639	CHR13:6499639	SSF x Near_LoA	-9,729	0,092	0,273
CHR13	6499653	CHR13:6499653	SSF x Near_LoA	-9,643	0,086	0,271
CHR13	6499688	CHR13:6499688	SSF x Near_LoA	-11,049	-0,053	0,282
CHR13	6499709	CHR13:6499709	SSF x Near_LoA	-6,552	0,176	0,281
CHR13	6499711	CHR13:6499711	SSF x Near_LoA	-5,118	0,182	0,270
CHR13	6499745	CHR13:6499745	SSF x Near_LoA	-7,932	0,112	0,284
CHR13	6499855	CHR13:6499855	SSF x Near_LoA	-7,438	-0,049	0,306
CHR13	650334	CHR13:650334	SSF x Near_LoA	-8,359	0,062	0,285
CHR13	650362	CHR13:650362	SSF x Near_LoA	-10,245	-0,034	0,286
CHR13	650477	CHR13:650477	SSF x Near_LoA	-9,409	-0,049	0,288
CHR13	650552	CHR13:650552	SSF x Near_LoA	-9,033	-0,015	0,288
CHR13	6513633	CHR13:6513633	SSF x Near_LoA	-7,959	-0,066	0,299
CHR13	6513639	CHR13:6513639	SSF x Near_LoA	-9,533	-0,013	0,291
CHR13	6513898	CHR13:6513898	SSF x Near_LoA	-5,646	-0,008	0,282
CHR13	6513930	CHR13:6513930	SSF x Near_LoA	-9,782	0,007	0,284
CHR13	6514056	CHR13:6514056	SSF x Near_LoA	-9,714	0,054	0,288
CHR13	6519944	CHR13:6519944	SSF x Near_LoA	-7,739	0,065	0,283
CHR13	6519996	CHR13:6519996	SSF x Near_LoA	-6,839	-0,005	0,294
CHR13	6520066	CHR13:6520066	SSF x Near_LoA	-9,064	-0,012	0,279
CHR13	6520093	CHR13:6520093	SSF x Near_LoA	-8,108	0,103	0,272
CHR13	6520832	CHR13:6520832	SSF x Near_LoA	-8,865	0,041	0,294
CHR13	6520843	CHR13:6520843	SSF x Near_LoA	-6,547	0,129	0,276
CHR13	6520857	CHR13:6520857	SSF x Near_LoA	-9,077	-0,006	0,301
CHR13	6520859	CHR13:6520859	SSF x Near_LoA	-8,074	0,039	0,295
CHR13	6520881	CHR13:6520881	SSF x Near_LoA	-3,912	-0,151	0,275
CHR13	6520900	CHR13:6520900	SSF x Near_LoA	-7,492	-0,092	0,278
CHR13	6520912	CHR13:6520912	SSF x Near_LoA	-8,360	-0,053	0,284
CHR13	6535039	CHR13:6535039	SSF x Near_LoA	-7,907	-0,116	0,275

CHR13	6535078	CHR13:6535078	SSF x Near_LoA	-8,952	-0,005	0,287
CHR13	6535162	CHR13:6535162	SSF x Near_LoA	-10,246	-0,004	0,277
CHR13	6535247	CHR13:6535247	SSF x Near_LoA	-7,625	-0,098	0,284
CHR13	6537062	CHR13:6537062	SSF x Near_LoA	-8,865	-0,090	0,271
CHR13	6537076	CHR13:6537076	SSF x Near_LoA	-9,044	-0,007	0,281
CHR13	6537109	CHR13:6537109	SSF x Near_LoA	-9,903	-0,040	0,280
CHR13	6541320	CHR13:6541320	SSF x Near_LoA	-10,546	-0,013	0,278
CHR13	6550776	CHR13:6550776	SSF x Near_LoA	-8,032	-0,020	0,275
CHR13	6551085	CHR13:6551085	SSF x Near_LoA	-5,937	0,171	0,252
CHR13	6551131	CHR13:6551131	SSF x Near_LoA	-7,118	-0,066	0,278
CHR13	6565102	CHR13:6565102	SSF x Near_LoA	-9,564	-0,037	0,297
CHR13	656930	CHR13:656930	SSF x Near_LoA	-7,336	-0,176	0,290
CHR13	656938	CHR13:656938	SSF x Near_LoA	-4,713	-0,198	0,281
CHR13	657115	CHR13:657115	SSF x Near_LoA	-10,193	-0,032	0,302
CHR13	657134	CHR13:657134	SSF x Near_LoA	-6,053	-0,129	0,287
CHR13	6581992	CHR13:6581992	SSF x Near_LoA	-8,468	0,160	0,271
CHR13	6585250	CHR13:6585250	SSF x Near_LoA	-7,710	0,076	0,273
CHR13	6585290	CHR13:6585290	SSF x Near_LoA	-7,718	-0,058	0,304
CHR13	6585374	CHR13:6585374	SSF x Near_LoA	-7,879	-0,041	0,295
CHR13	6585379	CHR13:6585379	SSF x Near_LoA	-6,205	0,078	0,265
CHR13	6585398	CHR13:6585398	SSF x Near_LoA	-7,573	0,048	0,274
CHR13	6585400	CHR13:6585400	SSF x Near_LoA	-7,838	0,064	0,267
CHR13	6585507	CHR13:6585507	SSF x Near_LoA	-7,031	-0,027	0,282
CHR13	6585645	CHR13:6585645	SSF x Near_LoA	-5,882	0,136	0,269
CHR13	6638542	CHR13:6638542	SSF x Near_LoA	-10,012	0,078	0,285
CHR13	6638912	CHR13:6638912	SSF x Near_LoA	-8,804	0,062	0,285
CHR13	6644173	CHR13:6644173	SSF x Near_LoA	-8,188	0,079	0,283
CHR13	6652819	CHR13:6652819	SSF x Near_LoA	-8,689	0,026	0,262
CHR13	6652823	CHR13:6652823	SSF x Near_LoA	-7,267	-0,009	0,283
CHR13	6652855	CHR13:6652855	SSF x Near_LoA	-4,604	0,021	0,296
CHR13	6652857	CHR13:6652857	SSF x Near_LoA	-8,073	0,001	0,285
CHR13	6652893	CHR13:6652893	SSF x Near_LoA	-7,424	0,023	0,302
CHR13	6652900	CHR13:6652900	SSF x Near_LoA	-9,763	-0,041	0,288
CHR13	6652953	CHR13:6652953	SSF x Near_LoA	-9,277	-0,066	0,290
CHR13	6652981	CHR13:6652981	SSF x Near_LoA	-10,247	0,080	0,278
CHR13	6654140	CHR13:6654140	SSF x Near_LoA	-8,577	-0,028	0,286
CHR13	6654360	CHR13:6654360	SSF x Near_LoA	-6,378	-0,171	0,289
CHR13	6654368	CHR13:6654368	SSF x Near_LoA	1,079	0,247	0,277
CHR13	6662230	CHR13:6662230	SSF x Near_LoA	-6,736	-0,064	0,282
CHR13	6662306	CHR13:6662306	SSF x Near_LoA	-1,372	0,271	0,263
CHR13	6662380	CHR13:6662380	SSF x Near_LoA	-8,326	-0,089	0,274
CHR13	6663769	CHR13:6663769	SSF x Near_LoA	-10,179	0,035	0,287
CHR13	6663822	CHR13:6663822	SSF x Near_LoA	-8,254	-0,027	0,294
CHR13	6663828	CHR13:6663828	SSF x Near_LoA	-8,198	0,039	0,300
CHR13	6663873	CHR13:6663873	SSF x Near_LoA	-7,844	-0,040	0,285
CHR13	6663891	CHR13:6663891	SSF x Near_LoA	-7,699	-0,058	0,300
CHR13	6663969	CHR13:6663969	SSF x Near_LoA	-7,119	-0,034	0,280
CHR13	6664037	CHR13:6664037	SSF x Near_LoA	-6,246	-0,127	0,286
CHR13	6674070	CHR13:6674070	SSF x Near_LoA	-8,781	-0,012	0,281
CHR13	6674121	CHR13:6674121	SSF x Near_LoA	-8,086	-0,097	0,274
CHR13	6685006	CHR13:6685006	SSF x Near_LoA	-4,075	0,217	0,264
CHR13	6685060	CHR13:6685060	SSF x Near_LoA	-10,386	-0,009	0,282
CHR13	6685113	CHR13:6685113	SSF x Near_LoA	-8,114	0,120	0,274

CHR13	6685153	CHR13:6685153	SSF x Near_LoA	-3,968	0,195	0,285
CHR13	6692327	CHR13:6692327	SSF x Near_LoA	-7,718	-0,048	0,303
CHR13	6692343	CHR13:6692343	SSF x Near_LoA	-8,814	-0,092	0,285
CHR13	6704437	CHR13:6704437	SSF x Near_LoA	-9,472	-0,020	0,294
CHR13	6704599	CHR13:6704599	SSF x Near_LoA	-8,139	0,040	0,289
CHR13	6718985	CHR13:6718985	SSF x Near_LoA	-6,115	0,089	0,288
CHR13	6718986	CHR13:6718986	SSF x Near_LoA	-2,496	0,063	0,286
CHR13	6743684	CHR13:6743684	SSF x Near_LoA	-6,507	-0,070	0,295
CHR13	6747499	CHR13:6747499	SSF x Near_LoA	-8,886	0,004	0,283
CHR13	6747746	CHR13:6747746	SSF x Near_LoA	-7,127	0,104	0,272
CHR13	6747851	CHR13:6747851	SSF x Near_LoA	-6,022	0,021	0,296
CHR13	6747866	CHR13:6747866	SSF x Near_LoA	-7,847	0,023	0,287
CHR13	6747868	CHR13:6747868	SSF x Near_LoA	-8,216	0,005	0,290
CHR13	6752925	CHR13:6752925	SSF x Near_LoA	-5,093	-0,094	0,283
CHR13	6752958	CHR13:6752958	SSF x Near_LoA	-8,279	-0,047	0,278
CHR13	6753003	CHR13:6753003	SSF x Near_LoA	-6,534	0,054	0,289
CHR13	6756715	CHR13:6756715	SSF x Near_LoA	-7,492	0,136	0,285
CHR13	6756725	CHR13:6756725	SSF x Near_LoA	-5,540	-0,228	0,282
CHR13	6759180	CHR13:6759180	SSF x Near_LoA	-10,739	-0,008	0,293
CHR13	6763648	CHR13:6763648	SSF x Near_LoA	-10,076	-0,019	0,282
CHR13	6763673	CHR13:6763673	SSF x Near_LoA	-10,276	-0,060	0,287
CHR13	6763768	CHR13:6763768	SSF x Near_LoA	-9,524	0,117	0,275
CHR13	6763821	CHR13:6763821	SSF x Near_LoA	-8,702	0,039	0,293
CHR13	6763897	CHR13:6763897	SSF x Near_LoA	-5,568	-0,090	0,284
CHR13	6764061	CHR13:6764061	SSF x Near_LoA	-8,019	-0,056	0,286
CHR13	6764125	CHR13:6764125	SSF x Near_LoA	-9,547	0,066	0,285
CHR13	6774442	CHR13:6774442	SSF x Near_LoA	-6,981	0,022	0,290
CHR13	6777658	CHR13:6777658	SSF x Near_LoA	-10,988	-0,012	0,292
CHR13	6777730	CHR13:6777730	SSF x Near_LoA	-7,495	0,010	0,283
CHR13	6777745	CHR13:6777745	SSF x Near_LoA	-7,586	-0,026	0,295
CHR13	6777820	CHR13:6777820	SSF x Near_LoA	-8,939	0,037	0,285
CHR13	6777879	CHR13:6777879	SSF x Near_LoA	-9,014	0,152	0,280
CHR13	6777886	CHR13:6777886	SSF x Near_LoA	-8,364	0,128	0,268
CHR13	6785801	CHR13:6785801	SSF x Near_LoA	-3,725	0,070	0,297
CHR13	6785814	CHR13:6785814	SSF x Near_LoA	-9,041	0,022	0,291
CHR13	6799138	CHR13:6799138	SSF x Near_LoA	-7,283	0,096	0,286
CHR13	6799250	CHR13:6799250	SSF x Near_LoA	-5,476	-0,171	0,279
CHR13	6801824	CHR13:6801824	SSF x Near_LoA	-10,208	0,026	0,297
CHR13	6801896	CHR13:6801896	SSF x Near_LoA	-4,635	0,097	0,290
CHR13	6801939	CHR13:6801939	SSF x Near_LoA	-7,084	0,145	0,273
CHR13	6802106	CHR13:6802106	SSF x Near_LoA	-7,484	-0,055	0,281
CHR13	6807965	CHR13:6807965	SSF x Near_LoA	-8,579	-0,088	0,299
CHR13	6825857	CHR13:6825857	SSF x Near_LoA	-10,241	-0,077	0,292
CHR13	6837580	CHR13:6837580	SSF x Near_LoA	-7,295	0,050	0,296
CHR13	684306	CHR13:684306	SSF x Near_LoA	-10,292	-0,004	0,301
CHR13	684397	CHR13:684397	SSF x Near_LoA	-8,998	0,040	0,287
CHR13	684454	CHR13:684454	SSF x Near_LoA	-9,461	0,004	0,289
CHR13	684475	CHR13:684475	SSF x Near_LoA	-6,038	0,057	0,289
CHR13	684535	CHR13:684535	SSF x Near_LoA	-9,722	-0,030	0,276
CHR13	6858957	CHR13:6858957	SSF x Near_LoA	-6,034	0,137	0,307
CHR13	6868787	CHR13:6868787	SSF x Near_LoA	-8,402	0,000	0,297
CHR13	6874315	CHR13:6874315	SSF x Near_LoA	-8,259	0,013	0,306
CHR13	6874317	CHR13:6874317	SSF x Near_LoA	-8,241	-0,032	0,299

CHR13	6878793	CHR13:6878793	SSF x Near_LoA	-7,613	0,006	0,289
CHR13	6886294	CHR13:6886294	SSF x Near_LoA	-7,971	-0,086	0,283
CHR13	6886503	CHR13:6886503	SSF x Near_LoA	-7,412	-0,064	0,299
CHR13	6886549	CHR13:6886549	SSF x Near_LoA	-9,535	0,019	0,281
CHR13	6892082	CHR13:6892082	SSF x Near_LoA	-5,974	0,049	0,292
CHR13	6892084	CHR13:6892084	SSF x Near_LoA	-7,239	-0,107	0,275
CHR13	6892108	CHR13:6892108	SSF x Near_LoA	-4,677	-0,187	0,283
CHR13	6892203	CHR13:6892203	SSF x Near_LoA	-8,056	0,078	0,288
CHR13	6892327	CHR13:6892327	SSF x Near_LoA	-7,850	-0,028	0,279
CHR13	6897833	CHR13:6897833	SSF x Near_LoA	-6,422	0,009	0,306
CHR13	6897951	CHR13:6897951	SSF x Near_LoA	-8,715	-0,159	0,283
CHR13	6923449	CHR13:6923449	SSF x Near_LoA	-9,773	0,063	0,276
CHR13	6924179	CHR13:6924179	SSF x Near_LoA	-7,426	-0,101	0,282
CHR13	6933031	CHR13:6933031	SSF x Near_LoA	-5,989	-0,165	0,276
CHR13	6937206	CHR13:6937206	SSF x Near_LoA	-10,002	-0,007	0,290
CHR13	696221	CHR13:696221	SSF x Near_LoA	-8,560	0,131	0,281
CHR13	696271	CHR13:696271	SSF x Near_LoA	-5,919	-0,107	0,278
CHR13	696274	CHR13:696274	SSF x Near_LoA	-9,141	0,054	0,289
CHR13	6963226	CHR13:6963226	SSF x Near_LoA	-8,080	-0,004	0,291
CHR13	696362	CHR13:696362	SSF x Near_LoA	-8,205	0,139	0,274
CHR13	696384	CHR13:696384	SSF x Near_LoA	-8,233	0,130	0,285
CHR13	696403	CHR13:696403	SSF x Near_LoA	-2,980	0,113	0,280
CHR13	696445	CHR13:696445	SSF x Near_LoA	-8,435	0,030	0,273
CHR13	696466	CHR13:696466	SSF x Near_LoA	-7,951	0,046	0,277
CHR13	6965621	CHR13:6965621	SSF x Near_LoA	-6,843	-0,139	0,282
CHR13	6965636	CHR13:6965636	SSF x Near_LoA	-8,454	-0,037	0,281
CHR13	6965691	CHR13:6965691	SSF x Near_LoA	-6,628	-0,115	0,267
CHR13	6984164	CHR13:6984164	SSF x Near_LoA	-7,404	0,047	0,286
CHR13	6984168	CHR13:6984168	SSF x Near_LoA	-0,716	0,075	0,292
CHR13	7007457	CHR13:7007457	SSF x Near_LoA	-10,092	-0,067	0,305
CHR13	7007639	CHR13:7007639	SSF x Near_LoA	-6,020	-0,135	0,284
CHR13	7012423	CHR13:7012423	SSF x Near_LoA	-9,227	0,067	0,275
CHR13	7012640	CHR13:7012640	SSF x Near_LoA	-9,378	-0,001	0,283
CHR13	7014749	CHR13:7014749	SSF x Near_LoA	-6,713	0,138	0,276
CHR13	701644	CHR13:701644	SSF x Near_LoA	-9,587	0,054	0,291
CHR13	7019511	CHR13:7019511	SSF x Near_LoA	-10,810	0,021	0,284
CHR13	7019513	CHR13:7019513	SSF x Near_LoA	-7,018	0,148	0,284
CHR13	7019559	CHR13:7019559	SSF x Near_LoA	-6,124	0,095	0,283
CHR13	7019564	CHR13:7019564	SSF x Near_LoA	-6,367	0,123	0,295
CHR13	7019573	CHR13:7019573	SSF x Near_LoA	-8,266	0,110	0,273
CHR13	7019586	CHR13:7019586	SSF x Near_LoA	-6,556	0,038	0,310
CHR13	7019589	CHR13:7019589	SSF x Near_LoA	-7,997	0,049	0,290
CHR13	7019619	CHR13:7019619	SSF x Near_LoA	-7,545	0,023	0,294
CHR13	7019702	CHR13:7019702	SSF x Near_LoA	-7,789	-0,125	0,279
CHR13	7019761	CHR13:7019761	SSF x Near_LoA	-6,318	-0,202	0,276
CHR13	7019776	CHR13:7019776	SSF x Near_LoA	-10,206	0,006	0,282
CHR13	7019837	CHR13:7019837	SSF x Near_LoA	-7,539	-0,019	0,291
CHR13	7019855	CHR13:7019855	SSF x Near_LoA	-8,275	0,082	0,289
CHR13	7019885	CHR13:7019885	SSF x Near_LoA	-8,100	0,077	0,281
CHR13	7019893	CHR13:7019893	SSF x Near_LoA	-7,388	0,069	0,285
CHR13	7022006	CHR13:7022006	SSF x Near_LoA	-10,051	0,006	0,287
CHR13	7022246	CHR13:7022246	SSF x Near_LoA	-8,156	-0,145	0,276
CHR13	7030074	CHR13:7030074	SSF x Near_LoA	-10,016	0,045	0,280

CHR13	7037973	CHR13:7037973	SSF x Near_LoA	-7,847	-0,138	0,283
CHR13	7049073	CHR13:7049073	SSF x Near_LoA	-9,413	-0,174	0,270
CHR13	7054215	CHR13:7054215	SSF x Near_LoA	-7,301	-0,059	0,290
CHR13	7054273	CHR13:7054273	SSF x Near_LoA	-9,447	0,097	0,278
CHR13	7064950	CHR13:7064950	SSF x Near_LoA	-9,147	0,036	0,287
CHR13	7065049	CHR13:7065049	SSF x Near_LoA	-8,286	0,037	0,286
CHR13	710984	CHR13:710984	SSF x Near_LoA	-3,342	-0,067	0,295
CHR13	711064	CHR13:711064	SSF x Near_LoA	-1,704	-0,160	0,281
CHR13	711081	CHR13:711081	SSF x Near_LoA	-6,692	0,128	0,288
CHR13	711127	CHR13:711127	SSF x Near_LoA	-6,944	-0,004	0,291
CHR13	711143	CHR13:711143	SSF x Near_LoA	-6,937	0,017	0,294
CHR13	711151	CHR13:711151	SSF x Near_LoA	-6,503	-0,081	0,282
CHR13	711162	CHR13:711162	SSF x Near_LoA	-5,448	0,178	0,296
CHR13	711182	CHR13:711182	SSF x Near_LoA	-9,251	0,066	0,293
CHR13	7114775	CHR13:7114775	SSF x Near_LoA	-5,574	-0,091	0,294
CHR13	7114787	CHR13:7114787	SSF x Near_LoA	-7,965	-0,058	0,290
CHR13	7114960	CHR13:7114960	SSF x Near_LoA	-9,216	-0,016	0,297
CHR13	7144033	CHR13:7144033	SSF x Near_LoA	-9,971	-0,051	0,283
CHR13	7175599	CHR13:7175599	SSF x Near_LoA	-9,923	0,058	0,280
CHR13	7175739	CHR13:7175739	SSF x Near_LoA	-8,259	-0,070	0,276
CHR13	7175750	CHR13:7175750	SSF x Near_LoA	-6,617	0,019	0,292
CHR13	7175777	CHR13:7175777	SSF x Near_LoA	-9,600	0,113	0,290
CHR13	7190110	CHR13:7190110	SSF x Near_LoA	-7,196	0,077	0,279
CHR13	7190259	CHR13:7190259	SSF x Near_LoA	-7,723	-0,084	0,279
CHR13	7196399	CHR13:7196399	SSF x Near_LoA	-7,500	0,048	0,299
CHR13	7196435	CHR13:7196435	SSF x Near_LoA	-9,429	0,106	0,270
CHR13	7222556	CHR13:7222556	SSF x Near_LoA	-9,742	-0,051	0,279
CHR13	7222638	CHR13:7222638	SSF x Near_LoA	-7,408	0,052	0,281
CHR13	7225579	CHR13:7225579	SSF x Near_LoA	-7,701	-0,025	0,287
CHR13	7225626	CHR13:7225626	SSF x Near_LoA	-9,121	0,044	0,278
CHR13	7225627	CHR13:7225627	SSF x Near_LoA	-8,632	0,028	0,285
CHR13	7234494	CHR13:7234494	SSF x Near_LoA	-9,318	0,008	0,286
CHR13	7234547	CHR13:7234547	SSF x Near_LoA	-7,552	0,041	0,273
CHR13	7234640	CHR13:7234640	SSF x Near_LoA	-7,332	-0,085	0,283
CHR13	7234698	CHR13:7234698	SSF x Near_LoA	-3,615	-0,093	0,289
CHR13	7244519	CHR13:7244519	SSF x Near_LoA	-9,899	0,017	0,282
CHR13	7244597	CHR13:7244597	SSF x Near_LoA	-9,170	-0,060	0,286
CHR13	7244601	CHR13:7244601	SSF x Near_LoA	-8,576	0,020	0,285
CHR13	7263538	CHR13:7263538	SSF x Near_LoA	-9,374	-0,052	0,289
CHR13	7263549	CHR13:7263549	SSF x Near_LoA	-6,290	-0,148	0,285
CHR13	7274834	CHR13:7274834	SSF x Near_LoA	-8,291	0,149	0,281
CHR13	7274916	CHR13:7274916	SSF x Near_LoA	-8,562	-0,138	0,267
CHR13	7283338	CHR13:7283338	SSF x Near_LoA	-8,417	0,006	0,280
CHR13	7283416	CHR13:7283416	SSF x Near_LoA	-7,781	-0,086	0,283
CHR13	7283481	CHR13:7283481	SSF x Near_LoA	-9,512	-0,031	0,290
CHR13	7303272	CHR13:7303272	SSF x Near_LoA	-0,416	-0,162	0,291
CHR13	7303402	CHR13:7303402	SSF x Near_LoA	-6,450	0,204	0,280
CHR13	7307242	CHR13:7307242	SSF x Near_LoA	-7,731	-0,032	0,290
CHR13	7307278	CHR13:7307278	SSF x Near_LoA	-8,422	0,005	0,289
CHR13	7307350	CHR13:7307350	SSF x Near_LoA	-6,685	-0,107	0,278
CHR13	7317760	CHR13:7317760	SSF x Near_LoA	-8,801	0,008	0,289
CHR13	7317761	CHR13:7317761	SSF x Near_LoA	-5,291	0,180	0,290
CHR13	7317766	CHR13:7317766	SSF x Near_LoA	-5,161	0,160	0,286

CHR13	7317808	CHR13:7317808	SSF x Near_LoA	-8,095	-0,154	0,292
CHR13	7317812	CHR13:7317812	SSF x Near_LoA	-5,798	0,185	0,295
CHR13	7317941	CHR13:7317941	SSF x Near_LoA	-8,038	-0,033	0,285
CHR13	7317966	CHR13:7317966	SSF x Near_LoA	-7,247	0,050	0,290
CHR13	7319618	CHR13:7319618	SSF x Near_LoA	-6,992	-0,073	0,293
CHR13	7319626	CHR13:7319626	SSF x Near_LoA	-10,390	0,044	0,283
CHR13	7319787	CHR13:7319787	SSF x Near_LoA	-6,325	0,127	0,275
CHR13	7330555	CHR13:7330555	SSF x Near_LoA	-4,417	0,096	0,292
CHR13	7331526	CHR13:7331526	SSF x Near_LoA	-3,847	0,246	0,267
CHR13	7331570	CHR13:7331570	SSF x Near_LoA	-8,451	0,157	0,264
CHR13	7335915	CHR13:7335915	SSF x Near_LoA	-7,747	0,105	0,288
CHR13	7339166	CHR13:7339166	SSF x Near_LoA	-7,502	0,037	0,281
CHR13	7339171	CHR13:7339171	SSF x Near_LoA	-7,914	-0,048	0,272
CHR13	7339275	CHR13:7339275	SSF x Near_LoA	-6,848	-0,075	0,295
CHR13	7339327	CHR13:7339327	SSF x Near_LoA	-8,473	-0,046	0,287
CHR13	7339408	CHR13:7339408	SSF x Near_LoA	-8,103	0,092	0,294
CHR13	7344267	CHR13:7344267	SSF x Near_LoA	-7,375	0,016	0,305
CHR13	7344485	CHR13:7344485	SSF x Near_LoA	-9,269	-0,020	0,287
CHR13	7344493	CHR13:7344493	SSF x Near_LoA	-4,453	-0,179	0,284
CHR13	7363444	CHR13:7363444	SSF x Near_LoA	-7,691	-0,062	0,295
CHR13	7363456	CHR13:7363456	SSF x Near_LoA	-9,188	0,028	0,290
CHR13	7363671	CHR13:7363671	SSF x Near_LoA	-8,496	0,066	0,300
CHR13	7363711	CHR13:7363711	SSF x Near_LoA	-7,679	0,102	0,297
CHR13	7364949	CHR13:7364949	SSF x Near_LoA	-6,110	-0,146	0,283
CHR13	7365785	CHR13:7365785	SSF x Near_LoA	-8,069	0,071	0,302
CHR13	7365797	CHR13:7365797	SSF x Near_LoA	-10,892	-0,030	0,273
CHR13	7365892	CHR13:7365892	SSF x Near_LoA	-6,058	-0,163	0,265
CHR13	7365951	CHR13:7365951	SSF x Near_LoA	-6,824	0,092	0,285
CHR13	7376438	CHR13:7376438	SSF x Near_LoA	-7,390	-0,138	0,293
CHR13	7376481	CHR13:7376481	SSF x Near_LoA	-8,397	0,015	0,284
CHR13	7376690	CHR13:7376690	SSF x Near_LoA	-8,071	-0,079	0,273
CHR13	7381933	CHR13:7381933	SSF x Near_LoA	-6,394	-0,072	0,275
CHR13	7394785	CHR13:7394785	SSF x Near_LoA	-7,584	-0,046	0,302
CHR13	7394787	CHR13:7394787	SSF x Near_LoA	-6,201	-0,197	0,269
CHR13	7395047	CHR13:7395047	SSF x Near_LoA	-7,328	0,067	0,267
CHR13	7395049	CHR13:7395049	SSF x Near_LoA	-8,567	0,088	0,274
CHR13	7398108	CHR13:7398108	SSF x Near_LoA	-9,707	0,019	0,273
CHR13	7408138	CHR13:7408138	SSF x Near_LoA	-1,725	-0,181	0,272
CHR13	740832	CHR13:740832	SSF x Near_LoA	-10,323	-0,083	0,277
CHR13	7408363	CHR13:7408363	SSF x Near_LoA	-5,684	0,161	0,283
CHR13	7410870	CHR13:7410870	SSF x Near_LoA	-4,588	0,170	0,291
CHR13	7410890	CHR13:7410890	SSF x Near_LoA	-6,789	0,126	0,285
CHR13	7414992	CHR13:7414992	SSF x Near_LoA	-7,079	-0,083	0,285
CHR13	7432123	CHR13:7432123	SSF x Near_LoA	-8,970	-0,041	0,291
CHR13	7432328	CHR13:7432328	SSF x Near_LoA	-6,366	-0,112	0,290
CHR13	7432354	CHR13:7432354	SSF x Near_LoA	-11,449	0,018	0,282
CHR13	7444967	CHR13:7444967	SSF x Near_LoA	-5,995	-0,177	0,267
CHR13	7445056	CHR13:7445056	SSF x Near_LoA	-7,985	0,140	0,282
CHR13	7445096	CHR13:7445096	SSF x Near_LoA	-6,347	0,132	0,279
CHR13	7455785	CHR13:7455785	SSF x Near_LoA	-8,156	-0,053	0,284
CHR13	7455844	CHR13:7455844	SSF x Near_LoA	-6,407	-0,121	0,284
CHR13	7464492	CHR13:7464492	SSF x Near_LoA	-8,739	-0,019	0,277
CHR13	7466693	CHR13:7466693	SSF x Near_LoA	-4,311	0,183	0,280

CHR13	747527	CHR13:747527	SSF x Near_LoA	-7,338	-0,126	0,297
CHR13	7475667	CHR13:7475667	SSF x Near_LoA	-11,203	0,023	0,281
CHR13	747623	CHR13:747623	SSF x Near_LoA	-7,569	-0,054	0,291
CHR13	7478038	CHR13:7478038	SSF x Near_LoA	-9,016	-0,035	0,280
CHR13	7482548	CHR13:7482548	SSF x Near_LoA	-8,206	-0,076	0,272
CHR13	7482735	CHR13:7482735	SSF x Near_LoA	-7,452	-0,105	0,279
CHR13	7485443	CHR13:7485443	SSF x Near_LoA	-7,998	0,002	0,281
CHR13	7505357	CHR13:7505357	SSF x Near_LoA	-10,630	0,010	0,299
CHR13	7505622	CHR13:7505622	SSF x Near_LoA	-10,119	0,016	0,283
CHR13	7514629	CHR13:7514629	SSF x Near_LoA	-8,553	-0,056	0,282
CHR13	7514631	CHR13:7514631	SSF x Near_LoA	-6,438	-0,093	0,291
CHR13	7514755	CHR13:7514755	SSF x Near_LoA	-6,857	0,087	0,288
CHR13	7514770	CHR13:7514770	SSF x Near_LoA	-7,057	0,080	0,281
CHR13	7514788	CHR13:7514788	SSF x Near_LoA	-7,752	-0,062	0,277
CHR13	7514879	CHR13:7514879	SSF x Near_LoA	-5,539	0,146	0,255
CHR13	752931	CHR13:752931	SSF x Near_LoA	-5,279	0,193	0,278
CHR13	752954	CHR13:752954	SSF x Near_LoA	-7,914	0,080	0,281
CHR13	752965	CHR13:752965	SSF x Near_LoA	-8,069	0,036	0,294
CHR13	753065	CHR13:753065	SSF x Near_LoA	-9,480	0,019	0,270
CHR13	753070	CHR13:753070	SSF x Near_LoA	-10,565	-0,022	0,288
CHR13	753085	CHR13:753085	SSF x Near_LoA	-10,373	0,051	0,291
CHR13	753136	CHR13:753136	SSF x Near_LoA	-8,846	0,050	0,281
CHR13	7550508	CHR13:7550508	SSF x Near_LoA	-7,370	-0,070	0,267
CHR13	7554129	CHR13:7554129	SSF x Near_LoA	-8,721	0,088	0,283
CHR13	755642	CHR13:755642	SSF x Near_LoA	-7,679	-0,043	0,285
CHR13	7557559	CHR13:7557559	SSF x Near_LoA	-10,108	-0,052	0,284
CHR13	7557707	CHR13:7557707	SSF x Near_LoA	-9,950	0,084	0,280
CHR13	7557820	CHR13:7557820	SSF x Near_LoA	-0,429	0,195	0,266
CHR13	7557821	CHR13:7557821	SSF x Near_LoA	-8,075	0,044	0,290
CHR13	7557896	CHR13:7557896	SSF x Near_LoA	-10,032	0,100	0,275
CHR13	7557935	CHR13:7557935	SSF x Near_LoA	-7,635	-0,095	0,297
CHR13	758749	CHR13:758749	SSF x Near_LoA	-8,370	0,039	0,269
CHR13	758762	CHR13:758762	SSF x Near_LoA	-6,179	0,104	0,281
CHR13	758826	CHR13:758826	SSF x Near_LoA	-8,143	-0,049	0,297
CHR13	758829	CHR13:758829	SSF x Near_LoA	-7,686	0,220	0,274
CHR13	758852	CHR13:758852	SSF x Near_LoA	-0,408	0,193	0,268
CHR13	7590479	CHR13:7590479	SSF x Near_LoA	-3,869	-0,170	0,293
CHR13	7590527	CHR13:7590527	SSF x Near_LoA	-8,522	-0,078	0,280
CHR13	7590604	CHR13:7590604	SSF x Near_LoA	-6,592	-0,134	0,292
CHR13	7608929	CHR13:7608929	SSF x Near_LoA	-6,579	-0,036	0,289
CHR13	7608986	CHR13:7608986	SSF x Near_LoA	-5,936	-0,225	0,285
CHR13	7635546	CHR13:7635546	SSF x Near_LoA	-8,983	-0,053	0,293
CHR13	7635629	CHR13:7635629	SSF x Near_LoA	-6,706	0,188	0,273
CHR13	7635633	CHR13:7635633	SSF x Near_LoA	-7,322	0,040	0,282
CHR13	7635661	CHR13:7635661	SSF x Near_LoA	-7,523	0,099	0,287
CHR13	7635737	CHR13:7635737	SSF x Near_LoA	-6,961	0,009	0,288
CHR13	7643082	CHR13:7643082	SSF x Near_LoA	-7,781	0,140	0,288
CHR13	7643200	CHR13:7643200	SSF x Near_LoA	-8,549	-0,047	0,285
CHR13	7644665	CHR13:7644665	SSF x Near_LoA	-7,812	-0,071	0,290
CHR13	7644722	CHR13:7644722	SSF x Near_LoA	-7,688	-0,107	0,294
CHR13	7648697	CHR13:7648697	SSF x Near_LoA	-5,460	0,160	0,288
CHR13	7656201	CHR13:7656201	SSF x Near_LoA	-4,828	0,136	0,290
CHR13	7656302	CHR13:7656302	SSF x Near_LoA	-9,851	0,034	0,290

CHR13	7660991	CHR13:7660991	SSF x Near_LoA	-6,706	-0,153	0,286
CHR13	7661026	CHR13:7661026	SSF x Near_LoA	-7,418	0,109	0,261
CHR13	7661065	CHR13:7661065	SSF x Near_LoA	-6,952	0,026	0,281
CHR13	7661081	CHR13:7661081	SSF x Near_LoA	-9,911	0,034	0,289
CHR13	7661096	CHR13:7661096	SSF x Near_LoA	-8,903	-0,177	0,274
CHR13	7661126	CHR13:7661126	SSF x Near_LoA	-6,774	0,178	0,277
CHR13	7661146	CHR13:7661146	SSF x Near_LoA	-8,065	-0,080	0,299
CHR13	7680940	CHR13:7680940	SSF x Near_LoA	-10,337	-0,003	0,288
CHR13	7686790	CHR13:7686790	SSF x Near_LoA	-1,398	0,179	0,291
CHR13	7686825	CHR13:7686825	SSF x Near_LoA	-5,496	0,116	0,294
CHR13	7686928	CHR13:7686928	SSF x Near_LoA	-8,918	-0,023	0,281
CHR13	7694667	CHR13:7694667	SSF x Near_LoA	-7,634	-0,054	0,290
CHR13	7694669	CHR13:7694669	SSF x Near_LoA	-8,020	-0,117	0,279
CHR13	7698189	CHR13:7698189	SSF x Near_LoA	-9,751	-0,002	0,291
CHR13	7698250	CHR13:7698250	SSF x Near_LoA	-8,292	0,156	0,296
CHR13	7711615	CHR13:7711615	SSF x Near_LoA	-7,104	-0,026	0,296
CHR13	7711673	CHR13:7711673	SSF x Near_LoA	-8,521	0,042	0,289
CHR13	7711681	CHR13:7711681	SSF x Near_LoA	-7,859	0,095	0,294
CHR13	7711836	CHR13:7711836	SSF x Near_LoA	-10,706	-0,060	0,278
CHR13	7713077	CHR13:7713077	SSF x Near_LoA	-8,460	-0,165	0,270
CHR13	7717850	CHR13:7717850	SSF x Near_LoA	-8,367	-0,058	0,307
CHR13	7717920	CHR13:7717920	SSF x Near_LoA	-5,708	0,174	0,287
CHR13	7717976	CHR13:7717976	SSF x Near_LoA	-8,088	-0,091	0,297
CHR13	7717977	CHR13:7717977	SSF x Near_LoA	-8,566	-0,094	0,296
CHR13	7718211	CHR13:7718211	SSF x Near_LoA	-7,837	0,127	0,275
CHR13	7720920	CHR13:7720920	SSF x Near_LoA	-6,752	-0,142	0,282
CHR13	7721730	CHR13:7721730	SSF x Near_LoA	-8,608	-0,011	0,302
CHR13	7721782	CHR13:7721782	SSF x Near_LoA	-7,539	-0,115	0,288
CHR13	7721798	CHR13:7721798	SSF x Near_LoA	-5,615	-0,078	0,285
CHR13	7730404	CHR13:7730404	SSF x Near_LoA	-9,042	0,019	0,291
CHR13	7730508	CHR13:7730508	SSF x Near_LoA	-7,720	0,085	0,305
CHR13	773058	CHR13:773058	SSF x Near_LoA	-1,225	0,104	0,269
CHR13	773130	CHR13:773130	SSF x Near_LoA	-9,423	-0,080	0,258
CHR13	7752879	CHR13:7752879	SSF x Near_LoA	-8,707	0,000	0,303
CHR13	7753006	CHR13:7753006	SSF x Near_LoA	-9,155	-0,042	0,284
CHR13	7753014	CHR13:7753014	SSF x Near_LoA	-5,064	-0,010	0,305
CHR13	7753076	CHR13:7753076	SSF x Near_LoA	-9,686	-0,060	0,286
CHR13	7753133	CHR13:7753133	SSF x Near_LoA	-7,405	0,009	0,295
CHR13	7757392	CHR13:7757392	SSF x Near_LoA	-6,602	0,167	0,278
CHR13	7757406	CHR13:7757406	SSF x Near_LoA	-10,557	-0,034	0,296
CHR13	7758928	CHR13:7758928	SSF x Near_LoA	9,662	0,095	0,276
CHR13	7759015	CHR13:7759015	SSF x Near_LoA	-6,741	0,063	0,299
CHR13	7762757	CHR13:7762757	SSF x Near_LoA	-8,633	-0,129	0,291
CHR13	7778895	CHR13:7778895	SSF x Near_LoA	-5,140	-0,074	0,271
CHR13	7778973	CHR13:7778973	SSF x Near_LoA	-8,371	0,189	0,271
CHR13	7778999	CHR13:7778999	SSF x Near_LoA	-7,826	-0,034	0,289
CHR13	7779007	CHR13:7779007	SSF x Near_LoA	-9,270	-0,060	0,282
CHR13	7781591	CHR13:7781591	SSF x Near_LoA	-7,597	0,139	0,279
CHR13	7781593	CHR13:7781593	SSF x Near_LoA	-8,542	0,174	0,269
CHR13	7800225	CHR13:7800225	SSF x Near_LoA	-8,811	-0,014	0,277
CHR13	7800229	CHR13:7800229	SSF x Near_LoA	-9,083	-0,044	0,297
CHR13	7804263	CHR13:7804263	SSF x Near_LoA	-9,301	-0,007	0,285
CHR13	7804275	CHR13:7804275	SSF x Near_LoA	-6,430	0,029	0,299

CHR13	7811806	CHR13:7811806	SSF x Near_LoA	-7,224	0,023	0,296
CHR13	7811828	CHR13:7811828	SSF x Near_LoA	-11,076	-0,011	0,289
CHR13	7815679	CHR13:7815679	SSF x Near_LoA	-10,029	0,071	0,278
CHR13	7820887	CHR13:7820887	SSF x Near_LoA	-7,347	-0,064	0,291
CHR13	7821026	CHR13:7821026	SSF x Near_LoA	-10,164	-0,082	0,287
CHR13	7846035	CHR13:7846035	SSF x Near_LoA	-5,989	-0,081	0,277
CHR13	7849120	CHR13:7849120	SSF x Near_LoA	-9,668	0,022	0,291
CHR13	7854189	CHR13:7854189	SSF x Near_LoA	-5,374	-0,141	0,284
CHR13	7872087	CHR13:7872087	SSF x Near_LoA	-9,552	0,074	0,282
CHR13	7872290	CHR13:7872290	SSF x Near_LoA	-9,379	-0,068	0,295
CHR13	7883796	CHR13:7883796	SSF x Near_LoA	-10,746	-0,073	0,281
CHR13	7883827	CHR13:7883827	SSF x Near_LoA	-8,115	-0,065	0,286
CHR13	7883884	CHR13:7883884	SSF x Near_LoA	-9,555	-0,019	0,290
CHR13	7883911	CHR13:7883911	SSF x Near_LoA	-9,500	0,004	0,286
CHR13	7883982	CHR13:7883982	SSF x Near_LoA	-9,240	-0,071	0,286
CHR13	7884030	CHR13:7884030	SSF x Near_LoA	-10,360	-0,022	0,286
CHR13	7884058	CHR13:7884058	SSF x Near_LoA	-6,350	-0,103	0,289
CHR13	7884067	CHR13:7884067	SSF x Near_LoA	4,276	-0,192	0,274
CHR13	7884076	CHR13:7884076	SSF x Near_LoA	-9,410	-0,029	0,285
CHR13	7887830	CHR13:7887830	SSF x Near_LoA	-7,408	-0,022	0,286
CHR13	7887843	CHR13:7887843	SSF x Near_LoA	-4,829	0,031	0,297
CHR13	7889442	CHR13:7889442	SSF x Near_LoA	-6,253	0,075	0,295
CHR13	7905210	CHR13:7905210	SSF x Near_LoA	-7,841	-0,058	0,292
CHR13	7905264	CHR13:7905264	SSF x Near_LoA	-3,971	0,139	0,280
CHR13	7905270	CHR13:7905270	SSF x Near_LoA	-6,682	0,145	0,287
CHR13	7905301	CHR13:7905301	SSF x Near_LoA	-8,809	-0,006	0,290
CHR13	7908729	CHR13:7908729	SSF x Near_LoA	-6,721	-0,079	0,289
CHR13	7910424	CHR13:7910424	SSF x Near_LoA	-8,305	0,151	0,278
CHR13	7914294	CHR13:7914294	SSF x Near_LoA	-8,218	0,068	0,280
CHR13	7914296	CHR13:7914296	SSF x Near_LoA	-8,476	0,071	0,277
CHR13	7914320	CHR13:7914320	SSF x Near_LoA	-8,321	-0,048	0,288
CHR13	7914374	CHR13:7914374	SSF x Near_LoA	-8,880	-0,045	0,276
CHR13	7943030	CHR13:7943030	SSF x Near_LoA	-9,426	-0,101	0,283
CHR13	7945511	CHR13:7945511	SSF x Near_LoA	-7,412	0,019	0,298
CHR13	7952908	CHR13:7952908	SSF x Near_LoA	-8,573	0,001	0,285
CHR13	7953936	CHR13:7953936	SSF x Near_LoA	-9,808	0,071	0,288
CHR13	7963463	CHR13:7963463	SSF x Near_LoA	-7,060	0,093	0,271
CHR13	7963612	CHR13:7963612	SSF x Near_LoA	-7,501	-0,009	0,286
CHR13	7969647	CHR13:7969647	SSF x Near_LoA	-6,878	0,065	0,268
CHR13	7979828	CHR13:7979828	SSF x Near_LoA	-7,032	-0,069	0,299
CHR13	7979865	CHR13:7979865	SSF x Near_LoA	-8,881	0,131	0,292
CHR13	7989276	CHR13:7989276	SSF x Near_LoA	-9,863	-0,021	0,292
CHR13	7989278	CHR13:7989278	SSF x Near_LoA	-9,056	-0,018	0,296
CHR13	7989323	CHR13:7989323	SSF x Near_LoA	-9,207	-0,041	0,295
CHR13	7989354	CHR13:7989354	SSF x Near_LoA	-9,193	-0,031	0,287
CHR13	8013439	CHR13:8013439	SSF x Near_LoA	-7,857	0,090	0,298
CHR13	8013445	CHR13:8013445	SSF x Near_LoA	-9,297	0,017	0,282
CHR13	8013644	CHR13:8013644	SSF x Near_LoA	-7,929	-0,092	0,285
CHR13	8013682	CHR13:8013682	SSF x Near_LoA	-8,198	0,007	0,297
CHR13	8013693	CHR13:8013693	SSF x Near_LoA	-8,279	-0,073	0,287
CHR13	8013712	CHR13:8013712	SSF x Near_LoA	-7,014	0,014	0,287
CHR13	8020993	CHR13:8020993	SSF x Near_LoA	-7,758	0,061	0,293
CHR13	8020997	CHR13:8020997	SSF x Near_LoA	-7,778	0,071	0,285

CHR13	802408	CHR13:802408	SSF x Near_LoA	-3,240	0,069	0,291
CHR13	802445	CHR13:802445	SSF x Near_LoA	-10,223	0,008	0,286
CHR13	8027270	CHR13:8027270	SSF x Near_LoA	-9,610	0,049	0,287
CHR13	8027297	CHR13:8027297	SSF x Near_LoA	-7,405	0,047	0,274
CHR13	8035630	CHR13:8035630	SSF x Near_LoA	-9,365	0,115	0,291
CHR13	8035689	CHR13:8035689	SSF x Near_LoA	-9,557	-0,032	0,281
CHR13	8046111	CHR13:8046111	SSF x Near_LoA	-7,788	0,038	0,302
CHR13	8048724	CHR13:8048724	SSF x Near_LoA	-5,946	-0,111	0,284
CHR13	8048725	CHR13:8048725	SSF x Near_LoA	-8,033	0,047	0,278
CHR13	8048735	CHR13:8048735	SSF x Near_LoA	-6,516	0,118	0,279
CHR13	8052253	CHR13:8052253	SSF x Near_LoA	-4,944	0,145	0,273
CHR13	8052336	CHR13:8052336	SSF x Near_LoA	-9,108	-0,034	0,284
CHR13	8052358	CHR13:8052358	SSF x Near_LoA	-5,285	-0,167	0,275
CHR13	8052447	CHR13:8052447	SSF x Near_LoA	-9,587	-0,056	0,281
CHR13	8052497	CHR13:8052497	SSF x Near_LoA	-6,291	-0,002	0,280
CHR13	8052645	CHR13:8052645	SSF x Near_LoA	-7,777	0,071	0,297
CHR13	8052649	CHR13:8052649	SSF x Near_LoA	-5,633	-0,053	0,284
CHR13	8065865	CHR13:8065865	SSF x Near_LoA	-7,388	0,157	0,264
CHR13	8073990	CHR13:8073990	SSF x Near_LoA	-6,680	-0,177	0,271
CHR13	8074009	CHR13:8074009	SSF x Near_LoA	-7,788	-0,086	0,282
CHR13	8074047	CHR13:8074047	SSF x Near_LoA	-8,768	-0,091	0,276
CHR13	8074140	CHR13:8074140	SSF x Near_LoA	-9,996	0,042	0,289
CHR13	8074147	CHR13:8074147	SSF x Near_LoA	-6,609	0,146	0,287
CHR13	8078280	CHR13:8078280	SSF x Near_LoA	-7,873	-0,023	0,292
CHR13	8078343	CHR13:8078343	SSF x Near_LoA	-9,226	0,067	0,305
CHR13	8078344	CHR13:8078344	SSF x Near_LoA	-6,688	-0,172	0,269
CHR13	8078417	CHR13:8078417	SSF x Near_LoA	-2,989	-0,069	0,291
CHR13	8078457	CHR13:8078457	SSF x Near_LoA	-7,210	-0,062	0,268
CHR13	8084344	CHR13:8084344	SSF x Near_LoA	-8,069	0,008	0,308
CHR13	8084477	CHR13:8084477	SSF x Near_LoA	-7,236	-0,132	0,296
CHR13	8086434	CHR13:8086434	SSF x Near_LoA	-5,731	-0,106	0,275
CHR13	8086443	CHR13:8086443	SSF x Near_LoA	-9,535	0,100	0,285
CHR13	8086457	CHR13:8086457	SSF x Near_LoA	-8,740	0,048	0,297
CHR13	8086463	CHR13:8086463	SSF x Near_LoA	-8,565	0,088	0,287
CHR13	8099431	CHR13:8099431	SSF x Near_LoA	-7,416	-0,010	0,294
CHR13	8099566	CHR13:8099566	SSF x Near_LoA	-10,828	-0,018	0,286
CHR13	8099569	CHR13:8099569	SSF x Near_LoA	-9,640	0,019	0,302
CHR13	8099623	CHR13:8099623	SSF x Near_LoA	-8,176	0,017	0,280
CHR13	8099635	CHR13:8099635	SSF x Near_LoA	-7,697	0,123	0,286
CHR13	8105307	CHR13:8105307	SSF x Near_LoA	-9,708	0,067	0,276
CHR13	8105322	CHR13:8105322	SSF x Near_LoA	-7,971	0,033	0,282
CHR13	8105326	CHR13:8105326	SSF x Near_LoA	-10,574	0,026	0,266
CHR13	8105327	CHR13:8105327	SSF x Near_LoA	-9,944	0,045	0,289
CHR13	8105406	CHR13:8105406	SSF x Near_LoA	-8,556	0,123	0,284
CHR13	8105411	CHR13:8105411	SSF x Near_LoA	-9,211	0,087	0,287
CHR13	811794	CHR13:811794	SSF x Near_LoA	-7,355	0,013	0,273
CHR13	811830	CHR13:811830	SSF x Near_LoA	-10,138	0,044	0,274
CHR13	811905	CHR13:811905	SSF x Near_LoA	-8,631	0,087	0,275
CHR13	811928	CHR13:811928	SSF x Near_LoA	-8,072	-0,041	0,286
CHR13	811963	CHR13:811963	SSF x Near_LoA	-6,848	-0,138	0,267
CHR13	811976	CHR13:811976	SSF x Near_LoA	-6,540	-0,069	0,302
CHR13	8126249	CHR13:8126249	SSF x Near_LoA	-9,485	0,051	0,273
CHR13	8138653	CHR13:8138653	SSF x Near_LoA	-10,186	-0,045	0,288

CHR13	8149810	CHR13:8149810	SSF x Near_LoA	-9,702	0,077	0,278
CHR13	8150658	CHR13:8150658	SSF x Near_LoA	-6,836	-0,114	0,274
CHR13	817656	CHR13:817656	SSF x Near_LoA	-10,503	-0,102	0,288
CHR13	817657	CHR13:817657	SSF x Near_LoA	-9,261	-0,073	0,288
CHR13	817724	CHR13:817724	SSF x Near_LoA	-7,142	-0,020	0,300
CHR13	817732	CHR13:817732	SSF x Near_LoA	-9,138	0,025	0,286
CHR13	817733	CHR13:817733	SSF x Near_LoA	-8,406	0,016	0,285
CHR13	817752	CHR13:817752	SSF x Near_LoA	-10,082	-0,056	0,288
CHR13	817775	CHR13:817775	SSF x Near_LoA	-10,662	-0,003	0,287
CHR13	817839	CHR13:817839	SSF x Near_LoA	-9,985	0,047	0,275
CHR13	8185880	CHR13:8185880	SSF x Near_LoA	-11,180	-0,011	0,271
CHR13	8199476	CHR13:8199476	SSF x Near_LoA	-8,312	0,060	0,282
CHR13	8199546	CHR13:8199546	SSF x Near_LoA	-8,122	0,078	0,277
CHR13	8214832	CHR13:8214832	SSF x Near_LoA	-7,202	0,103	0,289
CHR13	8253178	CHR13:8253178	SSF x Near_LoA	-9,568	-0,090	0,280
CHR13	8269107	CHR13:8269107	SSF x Near_LoA	-8,834	-0,050	0,284
CHR13	8269176	CHR13:8269176	SSF x Near_LoA	-9,056	-0,085	0,288
CHR13	8269221	CHR13:8269221	SSF x Near_LoA	-8,348	0,049	0,280
CHR13	8277861	CHR13:8277861	SSF x Near_LoA	-4,889	0,101	0,296
CHR13	8278859	CHR13:8278859	SSF x Near_LoA	-6,873	0,068	0,291
CHR13	8296281	CHR13:8296281	SSF x Near_LoA	-7,268	-0,078	0,285
CHR13	8296286	CHR13:8296286	SSF x Near_LoA	-6,839	0,062	0,288
CHR13	8323461	CHR13:8323461	SSF x Near_LoA	-9,480	0,013	0,288
CHR13	8323504	CHR13:8323504	SSF x Near_LoA	-8,533	0,061	0,288
CHR13	8323538	CHR13:8323538	SSF x Near_LoA	-8,803	-0,023	0,283
CHR13	8323543	CHR13:8323543	SSF x Near_LoA	-6,464	-0,135	0,284
CHR13	8323545	CHR13:8323545	SSF x Near_LoA	-5,834	-0,169	0,274
CHR13	8323604	CHR13:8323604	SSF x Near_LoA	-8,399	-0,042	0,300
CHR13	8323606	CHR13:8323606	SSF x Near_LoA	-5,655	-0,082	0,295
CHR13	8323625	CHR13:8323625	SSF x Near_LoA	-7,658	-0,024	0,295
CHR13	8323649	CHR13:8323649	SSF x Near_LoA	-7,504	-0,010	0,286
CHR13	8323654	CHR13:8323654	SSF x Near_LoA	-8,332	-0,024	0,283
CHR13	8323787	CHR13:8323787	SSF x Near_LoA	-10,083	0,005	0,287
CHR13	8325321	CHR13:8325321	SSF x Near_LoA	-8,488	0,142	0,285
CHR13	8328807	CHR13:8328807	SSF x Near_LoA	-8,653	0,111	0,286
CHR13	8345941	CHR13:8345941	SSF x Near_LoA	-8,551	0,009	0,271
CHR13	8362517	CHR13:8362517	SSF x Near_LoA	-8,521	0,124	0,284
CHR13	8362518	CHR13:8362518	SSF x Near_LoA	-8,488	0,139	0,282
CHR13	8362537	CHR13:8362537	SSF x Near_LoA	-7,287	0,120	0,281
CHR13	8362588	CHR13:8362588	SSF x Near_LoA	-5,510	0,134	0,275
CHR13	8362624	CHR13:8362624	SSF x Near_LoA	-7,906	0,106	0,287
CHR13	8362671	CHR13:8362671	SSF x Near_LoA	-8,024	0,053	0,273
CHR13	8362695	CHR13:8362695	SSF x Near_LoA	-7,613	-0,125	0,273
CHR13	8362744	CHR13:8362744	SSF x Near_LoA	-7,360	0,077	0,287
CHR13	8364874	CHR13:8364874	SSF x Near_LoA	-6,614	0,097	0,281
CHR13	8364925	CHR13:8364925	SSF x Near_LoA	-8,200	0,109	0,282
CHR13	8365054	CHR13:8365054	SSF x Near_LoA	-7,645	-0,135	0,290
CHR13	8365112	CHR13:8365112	SSF x Near_LoA	-6,563	-0,108	0,282
CHR13	8377905	CHR13:8377905	SSF x Near_LoA	-7,027	-0,069	0,297
CHR13	8378741	CHR13:8378741	SSF x Near_LoA	-9,185	-0,044	0,276
CHR13	8379026	CHR13:8379026	SSF x Near_LoA	-8,218	0,080	0,292
CHR13	8381453	CHR13:8381453	SSF x Near_LoA	-7,579	-0,070	0,290
CHR13	8381531	CHR13:8381531	SSF x Near_LoA	-10,036	-0,022	0,294

CHR13	8381761	CHR13:8381761	SSF x Near_LoA	-7,391	0,138	0,268
CHR13	8386919	CHR13:8386919	SSF x Near_LoA	-8,471	0,005	0,281
CHR13	8401161	CHR13:8401161	SSF x Near_LoA	-6,466	-0,044	0,287
CHR13	841414	CHR13:841414	SSF x Near_LoA	-8,125	-0,003	0,279
CHR13	841416	CHR13:841416	SSF x Near_LoA	-8,219	-0,008	0,283
CHR13	841469	CHR13:841469	SSF x Near_LoA	-8,479	0,072	0,277
CHR13	841470	CHR13:841470	SSF x Near_LoA	-8,379	0,060	0,278
CHR13	841536	CHR13:841536	SSF x Near_LoA	-1,813	0,222	0,270
CHR13	841613	CHR13:841613	SSF x Near_LoA	-3,559	-0,153	0,312
CHR13	8457529	CHR13:8457529	SSF x Near_LoA	-8,898	-0,015	0,293
CHR13	8457656	CHR13:8457656	SSF x Near_LoA	-7,177	-0,121	0,286
CHR13	8457690	CHR13:8457690	SSF x Near_LoA	-9,034	-0,027	0,270
CHR13	8457722	CHR13:8457722	SSF x Near_LoA	-7,017	0,113	0,278
CHR13	8457733	CHR13:8457733	SSF x Near_LoA	-6,389	0,128	0,291
CHR13	8457742	CHR13:8457742	SSF x Near_LoA	-7,672	0,098	0,271
CHR13	8469419	CHR13:8469419	SSF x Near_LoA	-7,481	0,114	0,279
CHR13	8478944	CHR13:8478944	SSF x Near_LoA	-6,721	-0,221	0,266
CHR13	8488534	CHR13:8488534	SSF x Near_LoA	-10,312	0,014	0,294
CHR13	8488592	CHR13:8488592	SSF x Near_LoA	-8,812	0,009	0,291
CHR13	8494192	CHR13:8494192	SSF x Near_LoA	-2,652	0,230	0,293
CHR13	8494216	CHR13:8494216	SSF x Near_LoA	-8,318	-0,144	0,288
CHR13	8494302	CHR13:8494302	SSF x Near_LoA	-9,536	-0,012	0,275
CHR13	8494334	CHR13:8494334	SSF x Near_LoA	-7,648	-0,086	0,286
CHR13	8496609	CHR13:8496609	SSF x Near_LoA	-8,856	-0,036	0,285
CHR13	8496652	CHR13:8496652	SSF x Near_LoA	-10,107	-0,081	0,290
CHR13	8502994	CHR13:8502994	SSF x Near_LoA	-8,183	0,065	0,279
CHR13	8513150	CHR13:8513150	SSF x Near_LoA	-8,053	0,046	0,287
CHR13	8513200	CHR13:8513200	SSF x Near_LoA	-10,141	0,018	0,271
CHR13	8513224	CHR13:8513224	SSF x Near_LoA	-8,672	0,071	0,294
CHR13	8513751	CHR13:8513751	SSF x Near_LoA	-8,515	-0,041	0,285
CHR13	8516719	CHR13:8516719	SSF x Near_LoA	-8,013	-0,027	0,295
CHR13	8523434	CHR13:8523434	SSF x Near_LoA	-7,243	-0,003	0,291
CHR13	8526982	CHR13:8526982	SSF x Near_LoA	-8,791	0,029	0,296
CHR13	8527023	CHR13:8527023	SSF x Near_LoA	-7,441	0,035	0,283
CHR13	8527047	CHR13:8527047	SSF x Near_LoA	-8,236	-0,014	0,291
CHR13	8528082	CHR13:8528082	SSF x Near_LoA	-9,685	-0,033	0,270
CHR13	8529990	CHR13:8529990	SSF x Near_LoA	-7,421	-0,092	0,273
CHR13	8530022	CHR13:8530022	SSF x Near_LoA	-9,410	0,121	0,277
CHR13	8530145	CHR13:8530145	SSF x Near_LoA	-6,929	-0,020	0,306
CHR13	8537693	CHR13:8537693	SSF x Near_LoA	-4,515	-0,034	0,298
CHR13	8541069	CHR13:8541069	SSF x Near_LoA	-3,446	0,254	0,265
CHR13	8541129	CHR13:8541129	SSF x Near_LoA	-7,948	0,107	0,292
CHR13	8541287	CHR13:8541287	SSF x Near_LoA	-9,799	0,008	0,292
CHR13	8576806	CHR13:8576806	SSF x Near_LoA	-8,910	-0,107	0,282
CHR13	8597517	CHR13:8597517	SSF x Near_LoA	-9,597	0,030	0,302
CHR13	8597738	CHR13:8597738	SSF x Near_LoA	-6,986	0,113	0,283
CHR13	8597745	CHR13:8597745	SSF x Near_LoA	-7,843	0,069	0,288
CHR13	8597824	CHR13:8597824	SSF x Near_LoA	-7,621	0,024	0,281
CHR13	8597830	CHR13:8597830	SSF x Near_LoA	-7,990	0,022	0,286
CHR13	8597877	CHR13:8597877	SSF x Near_LoA	-7,438	0,068	0,296
CHR13	8597885	CHR13:8597885	SSF x Near_LoA	-6,950	0,059	0,311
CHR13	8597889	CHR13:8597889	SSF x Near_LoA	-7,470	0,067	0,287
CHR13	8612249	CHR13:8612249	SSF x Near_LoA	-6,262	-0,107	0,271

CHR13	8612390	CHR13:8612390	SSF x Near_LoA	-10,454	-0,075	0,271
CHR13	8625870	CHR13:8625870	SSF x Near_LoA	-9,034	0,145	0,292
CHR13	8625874	CHR13:8625874	SSF x Near_LoA	-8,085	-0,068	0,275
CHR13	8625942	CHR13:8625942	SSF x Near_LoA	-7,970	0,047	0,285
CHR13	8626228	CHR13:8626228	SSF x Near_LoA	-8,871	-0,030	0,291
CHR13	8626303	CHR13:8626303	SSF x Near_LoA	-9,430	-0,031	0,293
CHR13	8632122	CHR13:8632122	SSF x Near_LoA	-6,859	-0,112	0,286
CHR13	8632128	CHR13:8632128	SSF x Near_LoA	-7,284	-0,123	0,282
CHR13	8632132	CHR13:8632132	SSF x Near_LoA	-5,527	-0,102	0,294
CHR13	8632158	CHR13:8632158	SSF x Near_LoA	-9,111	0,046	0,285
CHR13	8654649	CHR13:8654649	SSF x Near_LoA	-8,796	-0,060	0,288
CHR13	8654666	CHR13:8654666	SSF x Near_LoA	-8,740	-0,040	0,290
CHR13	8654668	CHR13:8654668	SSF x Near_LoA	-9,488	0,030	0,304
CHR13	8655779	CHR13:8655779	SSF x Near_LoA	-7,709	0,079	0,291
CHR13	8655791	CHR13:8655791	SSF x Near_LoA	-7,681	-0,064	0,293
CHR13	8668520	CHR13:8668520	SSF x Near_LoA	-11,032	0,000	0,293
CHR13	868166	CHR13:868166	SSF x Near_LoA	-7,189	0,050	0,291
CHR13	868468	CHR13:868468	SSF x Near_LoA	-5,329	0,144	0,276
CHR13	8688609	CHR13:8688609	SSF x Near_LoA	-9,175	-0,080	0,275
CHR13	8704277	CHR13:8704277	SSF x Near_LoA	-7,735	0,073	0,292
CHR13	8704363	CHR13:8704363	SSF x Near_LoA	-9,897	0,005	0,283
CHR13	8704467	CHR13:8704467	SSF x Near_LoA	-9,978	-0,076	0,288
CHR13	8732673	CHR13:8732673	SSF x Near_LoA	-6,758	-0,091	0,287
CHR13	8732701	CHR13:8732701	SSF x Near_LoA	-1,005	0,309	0,246
CHR13	8732711	CHR13:8732711	SSF x Near_LoA	-1,458	0,245	0,274
CHR13	8732759	CHR13:8732759	SSF x Near_LoA	-8,232	-0,050	0,283
CHR13	8732762	CHR13:8732762	SSF x Near_LoA	-7,668	0,045	0,298
CHR13	8732780	CHR13:8732780	SSF x Near_LoA	5,206	0,206	0,275
CHR13	8732788	CHR13:8732788	SSF x Near_LoA	-10,205	-0,022	0,295
CHR13	8734937	CHR13:8734937	SSF x Near_LoA	-7,218	-0,015	0,294
CHR13	8735024	CHR13:8735024	SSF x Near_LoA	-8,687	0,054	0,284
CHR13	8735637	CHR13:8735637	SSF x Near_LoA	-4,460	-0,008	0,290
CHR13	8739162	CHR13:8739162	SSF x Near_LoA	-9,495	0,063	0,287
CHR13	8739207	CHR13:8739207	SSF x Near_LoA	-10,352	-0,017	0,285
CHR13	8739268	CHR13:8739268	SSF x Near_LoA	-8,238	-0,095	0,296
CHR13	874798	CHR13:874798	SSF x Near_LoA	-10,649	-0,065	0,279
CHR13	8756590	CHR13:8756590	SSF x Near_LoA	-9,317	0,063	0,291
CHR13	8756644	CHR13:8756644	SSF x Near_LoA	-6,787	0,005	0,296
CHR13	8756647	CHR13:8756647	SSF x Near_LoA	-8,680	-0,013	0,291
CHR13	8756664	CHR13:8756664	SSF x Near_LoA	-10,273	-0,032	0,281
CHR13	8758757	CHR13:8758757	SSF x Near_LoA	-5,438	0,195	0,269
CHR13	8758990	CHR13:8758990	SSF x Near_LoA	-1,835	-0,080	0,292
CHR13	8759024	CHR13:8759024	SSF x Near_LoA	-8,382	0,128	0,268
CHR13	8774045	CHR13:8774045	SSF x Near_LoA	-7,786	-0,028	0,305
CHR13	8774048	CHR13:8774048	SSF x Near_LoA	-8,735	-0,045	0,295
CHR13	8774157	CHR13:8774157	SSF x Near_LoA	-7,410	0,087	0,288
CHR13	8774215	CHR13:8774215	SSF x Near_LoA	-7,016	-0,010	0,289
CHR13	8784731	CHR13:8784731	SSF x Near_LoA	-11,054	-0,007	0,268
CHR13	8784820	CHR13:8784820	SSF x Near_LoA	-8,147	0,038	0,282
CHR13	8793094	CHR13:8793094	SSF x Near_LoA	-8,652	0,115	0,290
CHR13	8794635	CHR13:8794635	SSF x Near_LoA	-9,326	-0,100	0,293
CHR13	8794833	CHR13:8794833	SSF x Near_LoA	-7,739	0,031	0,289
CHR13	8802417	CHR13:8802417	SSF x Near_LoA	-3,876	-0,027	0,283

CHR13	8802728	CHR13:8802728	SSF x Near_LoA	-4,318	-0,196	0,273
CHR13	884928	CHR13:884928	SSF x Near_LoA	-5,257	-0,183	0,283
CHR13	884941	CHR13:884941	SSF x Near_LoA	-9,215	-0,023	0,282
CHR13	884957	CHR13:884957	SSF x Near_LoA	-7,572	-0,097	0,277
CHR13	885035	CHR13:885035	SSF x Near_LoA	-5,211	0,141	0,287
CHR13	885057	CHR13:885057	SSF x Near_LoA	-4,482	-0,155	0,279
CHR13	8850628	CHR13:8850628	SSF x Near_LoA	-6,841	0,117	0,275
CHR13	8850706	CHR13:8850706	SSF x Near_LoA	-5,953	-0,204	0,289
CHR13	8850731	CHR13:8850731	SSF x Near_LoA	-6,849	-0,160	0,276
CHR13	8850803	CHR13:8850803	SSF x Near_LoA	-7,593	0,097	0,295
CHR13	8850854	CHR13:8850854	SSF x Near_LoA	-8,780	0,053	0,289
CHR13	885087	CHR13:885087	SSF x Near_LoA	-7,002	-0,088	0,286
CHR13	8850876	CHR13:8850876	SSF x Near_LoA	-9,258	0,000	0,279
CHR13	8850883	CHR13:8850883	SSF x Near_LoA	-7,998	0,028	0,299
CHR13	8850889	CHR13:8850889	SSF x Near_LoA	-8,169	0,016	0,289
CHR13	8850899	CHR13:8850899	SSF x Near_LoA	-8,690	0,052	0,282
CHR13	885092	CHR13:885092	SSF x Near_LoA	-7,964	-0,077	0,289
CHR13	885095	CHR13:885095	SSF x Near_LoA	-8,817	-0,091	0,285
CHR13	8872795	CHR13:8872795	SSF x Near_LoA	-10,655	0,027	0,295
CHR13	8873899	CHR13:8873899	SSF x Near_LoA	-8,336	0,071	0,282
CHR13	8873970	CHR13:8873970	SSF x Near_LoA	-7,824	-0,061	0,284
CHR13	8873975	CHR13:8873975	SSF x Near_LoA	-6,468	-0,073	0,295
CHR13	8873976	CHR13:8873976	SSF x Near_LoA	-8,270	-0,048	0,290
CHR13	8873984	CHR13:8873984	SSF x Near_LoA	-6,336	-0,066	0,286
CHR13	8873985	CHR13:8873985	SSF x Near_LoA	-7,101	-0,067	0,281
CHR13	8874000	CHR13:8874000	SSF x Near_LoA	-6,616	-0,080	0,298
CHR13	8874052	CHR13:8874052	SSF x Near_LoA	-8,058	-0,029	0,282
CHR13	8878394	CHR13:8878394	SSF x Near_LoA	-9,488	0,060	0,282
CHR13	8878430	CHR13:8878430	SSF x Near_LoA	-7,530	0,105	0,277
CHR13	8878579	CHR13:8878579	SSF x Near_LoA	-7,581	-0,029	0,296
CHR13	8882369	CHR13:8882369	SSF x Near_LoA	-6,419	0,214	0,264
CHR13	8882371	CHR13:8882371	SSF x Near_LoA	-10,155	-0,030	0,282
CHR13	8882373	CHR13:8882373	SSF x Near_LoA	-10,333	-0,024	0,290
CHR13	8882535	CHR13:8882535	SSF x Near_LoA	-10,100	-0,017	0,285
CHR13	888507	CHR13:888507	SSF x Near_LoA	-10,732	0,001	0,279
CHR13	889159	CHR13:889159	SSF x Near_LoA	-2,911	-0,114	0,292
CHR13	8892217	CHR13:8892217	SSF x Near_LoA	-4,307	-0,147	0,285
CHR13	8892244	CHR13:8892244	SSF x Near_LoA	-7,843	0,002	0,278
CHR13	8892331	CHR13:8892331	SSF x Near_LoA	-7,507	0,020	0,299
CHR13	8892367	CHR13:8892367	SSF x Near_LoA	-9,692	-0,138	0,284
CHR13	8892382	CHR13:8892382	SSF x Near_LoA	-9,334	-0,079	0,277
CHR13	8892431	CHR13:8892431	SSF x Near_LoA	-4,750	-0,121	0,288
CHR13	8892452	CHR13:8892452	SSF x Near_LoA	-10,370	-0,015	0,271
CHR13	8898144	CHR13:8898144	SSF x Near_LoA	-9,469	0,084	0,274
CHR13	8913516	CHR13:8913516	SSF x Near_LoA	-4,859	-0,128	0,276
CHR13	8916362	CHR13:8916362	SSF x Near_LoA	-8,898	-0,123	0,283
CHR13	8929831	CHR13:8929831	SSF x Near_LoA	-7,979	0,035	0,276
CHR13	8929882	CHR13:8929882	SSF x Near_LoA	-2,911	-0,202	0,276
CHR13	8929920	CHR13:8929920	SSF x Near_LoA	-6,419	-0,153	0,276
CHR13	894878	CHR13:894878	SSF x Near_LoA	-10,969	-0,007	0,285
CHR13	894917	CHR13:894917	SSF x Near_LoA	-10,091	0,092	0,289
CHR13	894944	CHR13:894944	SSF x Near_LoA	-9,607	0,040	0,282
CHR13	894957	CHR13:894957	SSF x Near_LoA	-7,627	0,034	0,269

CHR13	8954757	CHR13:8954757	SSF x Near_LoA	-9,546	0,057	0,292
CHR13	8954776	CHR13:8954776	SSF x Near_LoA	-7,519	-0,028	0,281
CHR13	8954895	CHR13:8954895	SSF x Near_LoA	-2,158	-0,096	0,286
CHR13	8954920	CHR13:8954920	SSF x Near_LoA	-7,362	0,081	0,278
CHR13	8954968	CHR13:8954968	SSF x Near_LoA	-8,210	0,051	0,286
CHR13	8955016	CHR13:8955016	SSF x Near_LoA	-10,295	-0,058	0,282
CHR13	8955092	CHR13:8955092	SSF x Near_LoA	-7,840	-0,034	0,290
CHR13	8955099	CHR13:8955099	SSF x Near_LoA	-9,119	0,000	0,295
CHR13	8955108	CHR13:8955108	SSF x Near_LoA	-6,729	0,122	0,286
CHR13	8955109	CHR13:8955109	SSF x Near_LoA	-5,319	0,187	0,268
CHR13	8955143	CHR13:8955143	SSF x Near_LoA	-6,911	-0,141	0,291
CHR13	8962759	CHR13:8962759	SSF x Near_LoA	-8,946	0,050	0,289
CHR13	8962769	CHR13:8962769	SSF x Near_LoA	-3,185	0,223	0,264
CHR13	8962943	CHR13:8962943	SSF x Near_LoA	-5,586	0,069	0,288
CHR13	8962955	CHR13:8962955	SSF x Near_LoA	-6,644	0,074	0,288
CHR13	8962979	CHR13:8962979	SSF x Near_LoA	-5,816	-0,197	0,276
CHR13	8963001	CHR13:8963001	SSF x Near_LoA	-2,007	0,238	0,273
CHR13	8963058	CHR13:8963058	SSF x Near_LoA	-6,928	-0,145	0,280
CHR13	8963060	CHR13:8963060	SSF x Near_LoA	-8,938	-0,016	0,294
CHR13	8963064	CHR13:8963064	SSF x Near_LoA	-8,535	0,015	0,286
CHR13	8963081	CHR13:8963081	SSF x Near_LoA	-1,812	-0,203	0,276
CHR13	8963122	CHR13:8963122	SSF x Near_LoA	-5,531	0,119	0,288
CHR13	8984886	CHR13:8984886	SSF x Near_LoA	-8,762	0,097	0,276
CHR13	8986859	CHR13:8986859	SSF x Near_LoA	-8,949	-0,091	0,293
CHR13	8986924	CHR13:8986924	SSF x Near_LoA	-9,827	-0,043	0,284
CHR13	8989503	CHR13:8989503	SSF x Near_LoA	-10,498	-0,028	0,289
CHR13	8989722	CHR13:8989722	SSF x Near_LoA	-8,972	-0,086	0,293
CHR13	8989755	CHR13:8989755	SSF x Near_LoA	-10,617	-0,012	0,296
CHR13	8989788	CHR13:8989788	SSF x Near_LoA	-6,213	-0,121	0,288
CHR13	8989797	CHR13:8989797	SSF x Near_LoA	-7,039	-0,089	0,288
CHR13	8995409	CHR13:8995409	SSF x Near_LoA	-5,207	0,140	0,278
CHR13	8995503	CHR13:8995503	SSF x Near_LoA	-6,191	0,005	0,286
CHR13	8997390	CHR13:8997390	SSF x Near_LoA	-7,701	-0,040	0,292
CHR13	8997403	CHR13:8997403	SSF x Near_LoA	-7,456	0,035	0,288
CHR13	8997424	CHR13:8997424	SSF x Near_LoA	-8,573	-0,018	0,299
CHR13	8997448	CHR13:8997448	SSF x Near_LoA	-10,470	0,006	0,287
CHR13	9019972	CHR13:9019972	SSF x Near_LoA	-9,178	0,041	0,290
CHR13	9020036	CHR13:9020036	SSF x Near_LoA	-7,328	0,009	0,284
CHR13	9020173	CHR13:9020173	SSF x Near_LoA	-10,427	-0,081	0,280
CHR13	9023674	CHR13:9023674	SSF x Near_LoA	-6,083	-0,112	0,290
CHR13	9023855	CHR13:9023855	SSF x Near_LoA	-10,132	-0,089	0,284
CHR13	9023896	CHR13:9023896	SSF x Near_LoA	-9,804	-0,034	0,285
CHR13	9026015	CHR13:9026015	SSF x Near_LoA	-5,702	0,082	0,296
CHR13	902995	CHR13:902995	SSF x Near_LoA	-6,376	-0,022	0,290
CHR13	9031156	CHR13:9031156	SSF x Near_LoA	-6,065	0,076	0,296
CHR13	9031157	CHR13:9031157	SSF x Near_LoA	-6,568	-0,041	0,298
CHR13	9031304	CHR13:9031304	SSF x Near_LoA	-7,584	-0,141	0,294
CHR13	903140	CHR13:903140	SSF x Near_LoA	-5,075	0,107	0,269
CHR13	904309	CHR13:904309	SSF x Near_LoA	-10,185	0,095	0,280
CHR13	904409	CHR13:904409	SSF x Near_LoA	-7,921	-0,061	0,286
CHR13	9044767	CHR13:9044767	SSF x Near_LoA	-8,444	-0,018	0,286
CHR13	9044897	CHR13:9044897	SSF x Near_LoA	-7,461	-0,060	0,277
CHR13	9047200	CHR13:9047200	SSF x Near_LoA	-7,103	0,083	0,287

CHR13	9047391	CHR13:9047391	SSF x Near_LoA	-8,204	-0,004	0,298
CHR13	9049884	CHR13:9049884	SSF x Near_LoA	-8,702	0,036	0,283
CHR13	9079827	CHR13:9079827	SSF x Near_LoA	-8,375	0,080	0,288
CHR13	9079994	CHR13:9079994	SSF x Near_LoA	-8,270	0,023	0,279
CHR13	9080003	CHR13:9080003	SSF x Near_LoA	-8,788	0,030	0,285
CHR13	9099942	CHR13:9099942	SSF x Near_LoA	-5,924	0,126	0,277
CHR13	9099949	CHR13:9099949	SSF x Near_LoA	-5,706	0,137	0,279
CHR13	9099988	CHR13:9099988	SSF x Near_LoA	-9,003	-0,044	0,291
CHR13	9101721	CHR13:9101721	SSF x Near_LoA	-7,754	0,057	0,296
CHR13	911032	CHR13:911032	SSF x Near_LoA	-9,040	-0,063	0,276
CHR13	911084	CHR13:911084	SSF x Near_LoA	-6,324	-0,078	0,287
CHR13	9150743	CHR13:9150743	SSF x Near_LoA	-6,500	-0,018	0,292
CHR13	9150787	CHR13:9150787	SSF x Near_LoA	-7,595	-0,009	0,297
CHR13	919706	CHR13:919706	SSF x Near_LoA	-4,202	-0,130	0,272
CHR13	919935	CHR13:919935	SSF x Near_LoA	-8,497	0,100	0,279
CHR13	9206333	CHR13:9206333	SSF x Near_LoA	-6,095	0,018	0,303
CHR13	9208477	CHR13:9208477	SSF x Near_LoA	-8,174	-0,038	0,289
CHR13	9222733	CHR13:9222733	SSF x Near_LoA	-7,567	-0,015	0,310
CHR13	9253364	CHR13:9253364	SSF x Near_LoA	-7,796	-0,075	0,290
CHR13	9255564	CHR13:9255564	SSF x Near_LoA	-8,525	-0,017	0,280
CHR13	9268124	CHR13:9268124	SSF x Near_LoA	-8,389	0,014	0,298
CHR13	9268187	CHR13:9268187	SSF x Near_LoA	-3,906	0,069	0,276
CHR13	9282356	CHR13:9282356	SSF x Near_LoA	-4,790	-0,094	0,278
CHR13	9286669	CHR13:9286669	SSF x Near_LoA	-9,122	-0,012	0,273
CHR13	9286698	CHR13:9286698	SSF x Near_LoA	-7,800	0,011	0,283
CHR13	9292824	CHR13:9292824	SSF x Near_LoA	-6,779	0,109	0,283
CHR13	9292832	CHR13:9292832	SSF x Near_LoA	-7,858	-0,015	0,275
CHR13	9301005	CHR13:9301005	SSF x Near_LoA	-9,012	0,025	0,277
CHR13	9301475	CHR13:9301475	SSF x Near_LoA	-6,183	-0,169	0,272
CHR13	9307097	CHR13:9307097	SSF x Near_LoA	-9,636	-0,091	0,279
CHR13	9307118	CHR13:9307118	SSF x Near_LoA	-9,463	-0,045	0,294
CHR13	9307209	CHR13:9307209	SSF x Near_LoA	-10,625	-0,051	0,275
CHR13	9307338	CHR13:9307338	SSF x Near_LoA	-6,119	0,060	0,287
CHR13	9311970	CHR13:9311970	SSF x Near_LoA	-7,394	0,047	0,295
CHR13	9312154	CHR13:9312154	SSF x Near_LoA	-5,919	0,012	0,282
CHR13	9312209	CHR13:9312209	SSF x Near_LoA	-6,957	-0,149	0,279
CHR13	9319928	CHR13:9319928	SSF x Near_LoA	-7,220	0,048	0,281
CHR13	9320035	CHR13:9320035	SSF x Near_LoA	-8,032	0,055	0,292
CHR13	932329	CHR13:932329	SSF x Near_LoA	-10,308	-0,027	0,288
CHR13	932390	CHR13:932390	SSF x Near_LoA	-9,013	-0,114	0,285
CHR13	9325522	CHR13:9325522	SSF x Near_LoA	-6,239	0,159	0,285
CHR13	9325589	CHR13:9325589	SSF x Near_LoA	-6,875	0,035	0,285
CHR13	9325597	CHR13:9325597	SSF x Near_LoA	-6,593	0,030	0,288
CHR13	9325619	CHR13:9325619	SSF x Near_LoA	-7,268	0,006	0,277
CHR13	9325634	CHR13:9325634	SSF x Near_LoA	-7,103	0,039	0,274
CHR13	932570	CHR13:932570	SSF x Near_LoA	-9,661	0,078	0,281
CHR13	9368143	CHR13:9368143	SSF x Near_LoA	-8,326	0,024	0,298
CHR13	936842	CHR13:936842	SSF x Near_LoA	-6,767	-0,122	0,293
CHR13	937016	CHR13:937016	SSF x Near_LoA	-8,950	0,031	0,281
CHR13	937032	CHR13:937032	SSF x Near_LoA	-9,274	0,011	0,288
CHR13	937034	CHR13:937034	SSF x Near_LoA	-9,653	-0,006	0,303
CHR13	937037	CHR13:937037	SSF x Near_LoA	-8,663	0,006	0,292
CHR13	937040	CHR13:937040	SSF x Near_LoA	-8,114	0,000	0,295

CHR13	9373500	CHR13:9373500	SSF x Near_LoA	-7,132	-0,050	0,288
CHR13	9373526	CHR13:9373526	SSF x Near_LoA	-7,896	0,031	0,295
CHR13	9373584	CHR13:9373584	SSF x Near_LoA	-6,251	0,062	0,299
CHR13	9373665	CHR13:9373665	SSF x Near_LoA	-6,838	-0,096	0,277
CHR13	9373681	CHR13:9373681	SSF x Near_LoA	-9,043	0,067	0,294
CHR13	9385983	CHR13:9385983	SSF x Near_LoA	-7,508	0,011	0,290
CHR13	9386057	CHR13:9386057	SSF x Near_LoA	-9,750	-0,067	0,295
CHR13	9386066	CHR13:9386066	SSF x Near_LoA	-5,492	0,064	0,289
CHR13	938747	CHR13:938747	SSF x Near_LoA	-7,942	0,019	0,283
CHR13	938764	CHR13:938764	SSF x Near_LoA	-7,129	0,087	0,281
CHR13	9409152	CHR13:9409152	SSF x Near_LoA	-9,752	-0,118	0,270
CHR13	9409352	CHR13:9409352	SSF x Near_LoA	-8,383	-0,105	0,273
CHR13	9409373	CHR13:9409373	SSF x Near_LoA	-8,768	-0,013	0,298
CHR13	9434693	CHR13:9434693	SSF x Near_LoA	-7,635	-0,106	0,298
CHR13	9434820	CHR13:9434820	SSF x Near_LoA	-8,035	0,026	0,293
CHR13	9436977	CHR13:9436977	SSF x Near_LoA	-6,686	-0,151	0,264
CHR13	9436989	CHR13:9436989	SSF x Near_LoA	-8,031	-0,066	0,279
CHR13	9439657	CHR13:9439657	SSF x Near_LoA	-0,063	0,193	0,275
CHR13	9462633	CHR13:9462633	SSF x Near_LoA	-7,670	-0,015	0,291
CHR13	9489549	CHR13:9489549	SSF x Near_LoA	-8,348	-0,090	0,293
CHR13	9489797	CHR13:9489797	SSF x Near_LoA	-7,018	0,017	0,278
CHR13	9501575	CHR13:9501575	SSF x Near_LoA	-9,716	0,140	0,269
CHR13	9501686	CHR13:9501686	SSF x Near_LoA	-7,679	-0,003	0,290
CHR13	9501865	CHR13:9501865	SSF x Near_LoA	-4,378	0,112	0,286
CHR13	9517074	CHR13:9517074	SSF x Near_LoA	-8,973	0,030	0,295
CHR13	9517262	CHR13:9517262	SSF x Near_LoA	-9,277	0,055	0,279
CHR13	9519285	CHR13:9519285	SSF x Near_LoA	-10,385	-0,018	0,280
CHR13	9519474	CHR13:9519474	SSF x Near_LoA	-9,613	0,018	0,286
CHR13	9581181	CHR13:9581181	SSF x Near_LoA	-9,346	0,038	0,300
CHR13	9581290	CHR13:9581290	SSF x Near_LoA	-8,924	-0,014	0,289
CHR13	958318	CHR13:958318	SSF x Near_LoA	-8,774	0,121	0,281
CHR13	958350	CHR13:958350	SSF x Near_LoA	-6,635	0,189	0,294
CHR13	958422	CHR13:958422	SSF x Near_LoA	-9,597	0,007	0,294
CHR13	961128	CHR13:961128	SSF x Near_LoA	-10,160	-0,010	0,280
CHR13	961204	CHR13:961204	SSF x Near_LoA	-8,499	-0,029	0,307
CHR13	961215	CHR13:961215	SSF x Near_LoA	-7,198	-0,027	0,286
CHR13	961216	CHR13:961216	SSF x Near_LoA	-6,517	-0,033	0,291
CHR13	9622442	CHR13:9622442	SSF x Near_LoA	-3,083	0,157	0,275
CHR13	9622452	CHR13:9622452	SSF x Near_LoA	-9,285	0,040	0,290
CHR13	9622529	CHR13:9622529	SSF x Near_LoA	-8,325	-0,145	0,280
CHR13	9622641	CHR13:9622641	SSF x Near_LoA	-8,571	-0,028	0,287
CHR13	962359	CHR13:962359	SSF x Near_LoA	-7,095	-0,083	0,290
CHR13	962387	CHR13:962387	SSF x Near_LoA	-5,965	0,133	0,275
CHR13	9633682	CHR13:9633682	SSF x Near_LoA	-4,603	0,243	0,281
CHR13	9633692	CHR13:9633692	SSF x Near_LoA	-3,610	-0,192	0,262
CHR13	9634070	CHR13:9634070	SSF x Near_LoA	-1,467	0,270	0,273
CHR13	9634100	CHR13:9634100	SSF x Near_LoA	-8,510	0,007	0,275
CHR13	9634103	CHR13:9634103	SSF x Near_LoA	-9,631	-0,001	0,280
CHR13	9634147	CHR13:9634147	SSF x Near_LoA	-9,246	0,004	0,284
CHR13	9642455	CHR13:9642455	SSF x Near_LoA	-6,546	0,106	0,288
CHR13	967153	CHR13:967153	SSF x Near_LoA	-5,832	-0,114	0,293
CHR13	967214	CHR13:967214	SSF x Near_LoA	-9,848	-0,030	0,295
CHR13	967252	CHR13:967252	SSF x Near_LoA	2,003	0,282	0,273

CHR13	969916	CHR13:969916	SSF x Near_LoA	-10,675	-0,023	0,277
CHR13	969928	CHR13:969928	SSF x Near_LoA	-7,499	-0,070	0,280
CHR13	9700100	CHR13:9700100	SSF x Near_LoA	-9,030	0,118	0,272
CHR13	9737662	CHR13:9737662	SSF x Near_LoA	-4,205	0,177	0,281
CHR13	9760932	CHR13:9760932	SSF x Near_LoA	-5,950	0,155	0,293
CHR13	9764342	CHR13:9764342	SSF x Near_LoA	-7,489	0,138	0,280
CHR13	9764362	CHR13:9764362	SSF x Near_LoA	-9,717	0,103	0,282
CHR13	9764439	CHR13:9764439	SSF x Near_LoA	-6,166	0,090	0,289
CHR13	9764602	CHR13:9764602	SSF x Near_LoA	-7,580	0,073	0,294
CHR13	9777388	CHR13:9777388	SSF x Near_LoA	-8,160	-0,099	0,292
CHR13	9777652	CHR13:9777652	SSF x Near_LoA	-9,818	0,074	0,280
CHR13	9792356	CHR13:9792356	SSF x Near_LoA	-7,348	0,173	0,285
CHR13	9795414	CHR13:9795414	SSF x Near_LoA	-9,385	-0,025	0,284
CHR13	9795451	CHR13:9795451	SSF x Near_LoA	-7,846	-0,048	0,268
CHR13	9807017	CHR13:9807017	SSF x Near_LoA	-7,674	0,043	0,294
CHR13	9814206	CHR13:9814206	SSF x Near_LoA	-7,477	0,076	0,285
CHR13	9817459	CHR13:9817459	SSF x Near_LoA	-7,580	0,025	0,287
CHR13	9817494	CHR13:9817494	SSF x Near_LoA	-9,074	-0,073	0,289
CHR13	9817495	CHR13:9817495	SSF x Near_LoA	-10,019	-0,058	0,287
CHR13	9817516	CHR13:9817516	SSF x Near_LoA	-9,940	0,057	0,287
CHR13	9817629	CHR13:9817629	SSF x Near_LoA	-8,631	-0,058	0,293
CHR13	9817735	CHR13:9817735	SSF x Near_LoA	-8,269	0,085	0,284
CHR13	9817753	CHR13:9817753	SSF x Near_LoA	-9,318	0,103	0,278
CHR13	9829249	CHR13:9829249	SSF x Near_LoA	-6,822	0,112	0,283
CHR13	9829282	CHR13:9829282	SSF x Near_LoA	-8,361	-0,048	0,287
CHR13	9829399	CHR13:9829399	SSF x Near_LoA	-4,526	-0,164	0,262
CHR13	9829478	CHR13:9829478	SSF x Near_LoA	-5,247	-0,219	0,273
CHR13	9838857	CHR13:9838857	SSF x Near_LoA	-8,028	0,050	0,290
CHR13	9839005	CHR13:9839005	SSF x Near_LoA	-5,652	0,038	0,296
CHR13	9841550	CHR13:9841550	SSF x Near_LoA	-8,037	-0,002	0,296
CHR13	9842493	CHR13:9842493	SSF x Near_LoA	-7,298	0,117	0,271
CHR13	9847812	CHR13:9847812	SSF x Near_LoA	-10,164	0,055	0,283
CHR13	9848078	CHR13:9848078	SSF x Near_LoA	-9,517	0,111	0,293
CHR13	9850517	CHR13:9850517	SSF x Near_LoA	-5,512	-0,139	0,287
CHR13	9850533	CHR13:9850533	SSF x Near_LoA	-6,742	-0,125	0,289
CHR13	9850612	CHR13:9850612	SSF x Near_LoA	-6,974	0,010	0,291
CHR13	9874138	CHR13:9874138	SSF x Near_LoA	-8,065	0,037	0,269
CHR13	9874203	CHR13:9874203	SSF x Near_LoA	-6,511	-0,053	0,293
CHR13	9886651	CHR13:9886651	SSF x Near_LoA	-9,244	-0,085	0,292
CHR13	9887862	CHR13:9887862	SSF x Near_LoA	-10,926	-0,047	0,277
CHR13	9910691	CHR13:9910691	SSF x Near_LoA	-9,277	0,008	0,284
CHR13	991651	CHR13:991651	SSF x Near_LoA	-8,974	-0,026	0,287
CHR13	991809	CHR13:991809	SSF x Near_LoA	-6,774	-0,137	0,282
CHR13	991886	CHR13:991886	SSF x Near_LoA	-6,021	0,090	0,298
CHR13	9920320	CHR13:9920320	SSF x Near_LoA	-5,703	-0,010	0,279
CHR13	9920398	CHR13:9920398	SSF x Near_LoA	-6,685	-0,242	0,270
CHR13	9921167	CHR13:9921167	SSF x Near_LoA	-7,324	0,190	0,281
CHR13	9921264	CHR13:9921264	SSF x Near_LoA	7,928	0,027	0,296
CHR13	9924324	CHR13:9924324	SSF x Near_LoA	-8,766	0,043	0,299
CHR13	9943003	CHR13:9943003	SSF x Near_LoA	-7,273	-0,040	0,297
CHR13	9951374	CHR13:9951374	SSF x Near_LoA	-8,218	0,148	0,286
CHR13	9951547	CHR13:9951547	SSF x Near_LoA	-10,594	-0,070	0,275
CHR13	9957736	CHR13:9957736	SSF x Near_LoA	-7,532	-0,168	0,269

CHR13	9957901	CHR13:9957901	SSF x Near_LoA	-10,368	0,006	0,274
CHR13	9960290	CHR13:9960290	SSF x Near_LoA	-8,221	-0,015	0,283
CHR13	9960292	CHR13:9960292	SSF x Near_LoA	-10,052	0,012	0,280
CHR13	9960346	CHR13:9960346	SSF x Near_LoA	-7,339	-0,026	0,290
CHR13	9960358	CHR13:9960358	SSF x Near_LoA	-9,131	-0,038	0,291
CHR13	9960457	CHR13:9960457	SSF x Near_LoA	-8,070	-0,038	0,285
CHR13	9960502	CHR13:9960502	SSF x Near_LoA	-5,099	-0,211	0,273
CHR13	9960540	CHR13:9960540	SSF x Near_LoA	-6,561	0,049	0,296
CHR13	9970959	CHR13:9970959	SSF x Near_LoA	-7,747	-0,064	0,296
CHR13	9974615	CHR13:9974615	SSF x Near_LoA	-6,587	-0,147	0,287
CHR13	9975552	CHR13:9975552	SSF x Near_LoA	-9,102	0,039	0,281
CHR13	9975607	CHR13:9975607	SSF x Near_LoA	-9,739	0,034	0,284
CHR13	9977365	CHR13:9977365	SSF x Near_LoA	-10,158	0,023	0,299
CHR13	9983122	CHR13:9983122	SSF x Near_LoA	-7,747	0,066	0,285
CHR13	9995276	CHR13:9995276	SSF x Near_LoA	-7,554	-0,107	0,305
CHR13	9995367	CHR13:9995367	SSF x Near_LoA	-7,493	-0,100	0,291
CHR13	9995424	CHR13:9995424	SSF x Near_LoA	-5,867	-0,118	0,281
CHR13	9995456	CHR13:9995456	SSF x Near_LoA	-10,364	-0,078	0,281
CHR13	9997160	CHR13:9997160	SSF x Near_LoA	-5,448	-0,215	0,275
CHR14	1E+07	CHR14:1001455	SSF x Near_LoA	-10,488	-0,048	0,293
CHR14	1E+07	CHR14:1002183	SSF x Near_LoA	-8,300	-0,004	0,279
CHR14	1E+07	CHR14:1002193	SSF x Near_LoA	-6,966	0,008	0,291
CHR14	1E+07	CHR14:1002194	SSF x Near_LoA	-7,496	0,035	0,280
CHR14	1004935	CHR14:1004935	SSF x Near_LoA	-7,441	-0,063	0,294
CHR14	1E+07	CHR14:1005141	SSF x Near_LoA	-6,924	-0,041	0,278
CHR14	1005180	CHR14:1005180	SSF x Near_LoA	-8,210	0,033	0,292
CHR14	1E+07	CHR14:1005495	SSF x Near_LoA	-9,111	-0,050	0,287
CHR14	1E+07	CHR14:1006889	SSF x Near_LoA	-8,536	0,149	0,284
CHR14	1E+07	CHR14:1009965	SSF x Near_LoA	-8,163	0,001	0,284
CHR14	1E+07	CHR14:1009990	SSF x Near_LoA	-10,068	-0,016	0,309
CHR14	1E+07	CHR14:1011966	SSF x Near_LoA	-8,942	0,066	0,294
CHR14	1E+07	CHR14:1011967	SSF x Near_LoA	-5,608	0,082	0,295
CHR14	1E+07	CHR14:1011970	SSF x Near_LoA	-6,478	0,052	0,301
CHR14	1E+07	CHR14:1012035	SSF x Near_LoA	-6,395	-0,130	0,293
CHR14	1E+07	CHR14:1012038	SSF x Near_LoA	-10,017	-0,075	0,289
CHR14	1E+07	CHR14:1012041	SSF x Near_LoA	-9,544	-0,152	0,277
CHR14	1E+07	CHR14:1012041	SSF x Near_LoA	-6,572	0,147	0,278
CHR14	1E+07	CHR14:1012049	SSF x Near_LoA	-10,131	0,016	0,293
CHR14	1E+07	CHR14:1012050	SSF x Near_LoA	-8,872	0,067	0,298
CHR14	1E+07	CHR14:1014462	SSF x Near_LoA	-3,222	0,044	0,272
CHR14	1E+07	CHR14:1015233	SSF x Near_LoA	-5,832	0,178	0,276
CHR14	1E+07	CHR14:1015268	SSF x Near_LoA	-9,824	-0,068	0,283
CHR14	1E+07	CHR14:1016268	SSF x Near_LoA	-3,750	-0,132	0,289
CHR14	1E+07	CHR14:1016276	SSF x Near_LoA	-6,711	0,090	0,273
CHR14	1E+07	CHR14:1016285	SSF x Near_LoA	-6,831	0,028	0,266
CHR14	1E+07	CHR14:1017637	SSF x Near_LoA	-6,976	0,044	0,273
CHR14	1E+07	CHR14:1018417	SSF x Near_LoA	-6,738	-0,061	0,286
CHR14	1E+07	CHR14:1019110	SSF x Near_LoA	-7,804	0,000	0,286
CHR14	1E+07	CHR14:1019111	SSF x Near_LoA	-8,021	0,040	0,281
CHR14	1E+07	CHR14:1020079	SSF x Near_LoA	-9,598	-0,029	0,282
CHR14	1E+07	CHR14:1020304	SSF x Near_LoA	-9,884	-0,067	0,287
CHR14	1E+07	CHR14:1023033	SSF x Near_LoA	5,934	-0,021	0,297
CHR14	1E+07	CHR14:1023037	SSF x Near_LoA	-9,927	0,010	0,274

CHR14	1E+07	CHR14:1023041	SSF x Near_LoA	-6,930	0,035	0,277
CHR14	1E+07	CHR14:1023101	SSF x Near_LoA	-10,589	-0,066	0,280
CHR14	1E+07	CHR14:1023553	SSF x Near_LoA	-6,106	0,006	0,281
CHR14	1E+07	CHR14:1023554	SSF x Near_LoA	-9,133	-0,037	0,289
CHR14	1E+07	CHR14:1023558	SSF x Near_LoA	-10,138	-0,037	0,276
CHR14	1E+07	CHR14:1023904	SSF x Near_LoA	-9,663	-0,027	0,283
CHR14	1E+07	CHR14:1023906	SSF x Near_LoA	-8,002	-0,026	0,274
CHR14	1E+07	CHR14:1023915	SSF x Near_LoA	-6,499	-0,174	0,282
CHR14	1E+07	CHR14:1023919	SSF x Near_LoA	-5,055	0,204	0,267
CHR14	1E+07	CHR14:1023920	SSF x Near_LoA	-8,458	-0,095	0,275
CHR14	1E+07	CHR14:1024445	SSF x Near_LoA	-1,145	-0,137	0,291
CHR14	1E+07	CHR14:1024446	SSF x Near_LoA	-6,802	-0,125	0,283
CHR14	1E+07	CHR14:1024447	SSF x Near_LoA	-2,785	-0,186	0,281
CHR14	1E+07	CHR14:1025694	SSF x Near_LoA	-7,717	0,128	0,291
CHR14	1E+07	CHR14:1025723	SSF x Near_LoA	-9,844	-0,016	0,282
CHR14	1E+07	CHR14:1026790	SSF x Near_LoA	-5,813	-0,155	0,269
CHR14	1E+07	CHR14:1026793	SSF x Near_LoA	-8,861	-0,014	0,292
CHR14	1E+07	CHR14:1026793	SSF x Near_LoA	-7,756	-0,028	0,288
CHR14	1E+07	CHR14:1026809	SSF x Near_LoA	-2,870	0,091	0,302
CHR14	1028901	CHR14:1028901	SSF x Near_LoA	-8,119	-0,042	0,280
CHR14	1029666	CHR14:1029666	SSF x Near_LoA	-8,151	0,084	0,289
CHR14	1E+07	CHR14:1029742	SSF x Near_LoA	-6,544	0,121	0,281
CHR14	1032989	CHR14:1032989	SSF x Near_LoA	-10,271	0,042	0,297
CHR14	1033148	CHR14:1033148	SSF x Near_LoA	-2,767	-0,199	0,283
CHR14	1034756	CHR14:1034756	SSF x Near_LoA	-8,722	-0,087	0,274
CHR14	1035202	CHR14:1035202	SSF x Near_LoA	-9,828	-0,041	0,290
CHR14	1E+07	CHR14:1041880	SSF x Near_LoA	-9,255	-0,012	0,279
CHR14	1E+07	CHR14:1041908	SSF x Near_LoA	-9,740	0,019	0,288
CHR14	1E+07	CHR14:1042295	SSF x Near_LoA	-8,884	-0,040	0,293
CHR14	1E+07	CHR14:1044289	SSF x Near_LoA	-8,915	0,056	0,293
CHR14	1E+07	CHR14:1044298	SSF x Near_LoA	-10,578	0,054	0,285
CHR14	1E+07	CHR14:1044306	SSF x Near_LoA	-6,389	-0,103	0,275
CHR14	1E+07	CHR14:1044787	SSF x Near_LoA	-6,999	0,111	0,293
CHR14	1E+07	CHR14:1044797	SSF x Near_LoA	-6,890	0,189	0,273
CHR14	1E+07	CHR14:1044804	SSF x Near_LoA	-7,906	-0,006	0,291
CHR14	1E+07	CHR14:1046748	SSF x Near_LoA	-6,863	0,063	0,280
CHR14	1E+07	CHR14:1046782	SSF x Near_LoA	-9,825	-0,114	0,283
CHR14	1E+07	CHR14:1049350	SSF x Near_LoA	-3,456	0,060	0,285
CHR14	1E+07	CHR14:1049351	SSF x Near_LoA	-4,190	0,026	0,287
CHR14	1E+07	CHR14:1049358	SSF x Near_LoA	-9,513	0,011	0,286
CHR14	1E+07	CHR14:1049360	SSF x Near_LoA	-5,328	0,218	0,263
CHR14	1E+07	CHR14:1049808	SSF x Near_LoA	-8,201	-0,031	0,285
CHR14	10503812	CHR14:1050381	SSF x Near_LoA	-7,960	0,103	0,287
CHR14	10504026	CHR14:1050402	SSF x Near_LoA	-7,111	0,106	0,278
CHR14	10523724	CHR14:1052372	SSF x Near_LoA	-9,278	0,000	0,293
CHR14	10542135	CHR14:1054213	SSF x Near_LoA	-3,250	-0,223	0,271
CHR14	10542360	CHR14:1054236	SSF x Near_LoA	-2,057	0,172	0,283
CHR14	10544485	CHR14:1054448	SSF x Near_LoA	-6,014	0,098	0,299
CHR14	10544682	CHR14:1054468	SSF x Near_LoA	-1,659	0,186	0,263
CHR14	10544690	CHR14:1054469	SSF x Near_LoA	-10,434	-0,065	0,287
CHR14	10562177	CHR14:1056217	SSF x Near_LoA	-7,873	-0,043	0,277
CHR14	10562400	CHR14:1056240	SSF x Near_LoA	-10,848	0,018	0,294
CHR14	1057200	CHR14:1057200	SSF x Near_LoA	-8,875	-0,068	0,295

CHR14	1057326	CHR14:1057326	SSF x Near_LoA	-7,507	0,030	0,286
CHR14	10577319	CHR14:1057731	SSF x Near_LoA	-5,541	-0,188	0,278
CHR14	10577478	CHR14:1057747	SSF x Near_LoA	-7,230	-0,031	0,295
CHR14	10578443	CHR14:1057844	SSF x Near_LoA	-7,901	0,090	0,288
CHR14	10591741	CHR14:1059174	SSF x Near_LoA	-7,862	-0,027	0,301
CHR14	10608726	CHR14:1060872	SSF x Near_LoA	-8,015	-0,110	0,276
CHR14	10608853	CHR14:1060885	SSF x Near_LoA	-7,452	0,005	0,280
CHR14	10608862	CHR14:1060886	SSF x Near_LoA	-8,122	-0,014	0,277
CHR14	10616235	CHR14:1061623	SSF x Near_LoA	-7,104	-0,080	0,286
CHR14	10629085	CHR14:1062908	SSF x Near_LoA	-9,317	0,068	0,303
CHR14	10639669	CHR14:1063966	SSF x Near_LoA	-9,377	-0,037	0,299
CHR14	10644492	CHR14:1064449	SSF x Near_LoA	-6,972	0,009	0,292
CHR14	10644583	CHR14:1064458	SSF x Near_LoA	-7,063	0,100	0,285
CHR14	1064900	CHR14:1064900	SSF x Near_LoA	-9,672	0,099	0,278
CHR14	1064934	CHR14:1064934	SSF x Near_LoA	-6,372	-0,108	0,285
CHR14	1065111	CHR14:1065111	SSF x Near_LoA	-9,184	0,002	0,294
CHR14	1065137	CHR14:1065137	SSF x Near_LoA	-7,642	0,029	0,289
CHR14	10652844	CHR14:1065284	SSF x Near_LoA	-9,260	0,044	0,292
CHR14	10652853	CHR14:1065285	SSF x Near_LoA	-5,687	-0,023	0,287
CHR14	10653084	CHR14:1065308	SSF x Near_LoA	-9,666	-0,061	0,297
CHR14	10665705	CHR14:1066570	SSF x Near_LoA	-8,888	-0,098	0,285
CHR14	1067789	CHR14:1067789	SSF x Near_LoA	-8,765	0,035	0,288
CHR14	10678429	CHR14:1067842	SSF x Near_LoA	-8,544	-0,041	0,298
CHR14	10678460	CHR14:1067846	SSF x Near_LoA	-8,533	-0,026	0,291
CHR14	10678546	CHR14:1067854	SSF x Near_LoA	-8,924	0,064	0,302
CHR14	10692120	CHR14:1069212	SSF x Near_LoA	-10,401	-0,013	0,280
CHR14	10692158	CHR14:1069215	SSF x Near_LoA	-6,139	0,034	0,296
CHR14	10749814	CHR14:1074981	SSF x Near_LoA	-8,836	0,044	0,293
CHR14	10789919	CHR14:1078991	SSF x Near_LoA	-7,619	-0,017	0,278
CHR14	1084526	CHR14:1084526	SSF x Near_LoA	-6,797	0,022	0,295
CHR14	1085273	CHR14:1085273	SSF x Near_LoA	-8,823	0,000	0,299
CHR14	1085420	CHR14:1085420	SSF x Near_LoA	-7,315	-0,042	0,284
CHR14	10870538	CHR14:1087053	SSF x Near_LoA	-7,837	-0,109	0,282
CHR14	10870576	CHR14:1087057	SSF x Near_LoA	-6,537	-0,100	0,283
CHR14	10870644	CHR14:1087064	SSF x Near_LoA	-7,975	-0,050	0,276
CHR14	10870718	CHR14:1087071	SSF x Near_LoA	-7,127	0,108	0,274
CHR14	10873035	CHR14:1087303	SSF x Near_LoA	-9,002	0,038	0,292
CHR14	10873098	CHR14:1087309	SSF x Near_LoA	-5,085	0,050	0,284
CHR14	10873187	CHR14:1087318	SSF x Near_LoA	-5,394	0,106	0,300
CHR14	10873199	CHR14:1087319	SSF x Near_LoA	-4,417	-0,134	0,283
CHR14	10873376	CHR14:1087337	SSF x Near_LoA	4,291	-0,081	0,286
CHR14	10914638	CHR14:1091463	SSF x Near_LoA	-6,993	0,151	0,275
CHR14	10914788	CHR14:1091478	SSF x Near_LoA	-8,525	-0,013	0,278
CHR14	10949764	CHR14:1094976	SSF x Near_LoA	-8,943	-0,096	0,298
CHR14	10949937	CHR14:1094993	SSF x Near_LoA	-5,021	-0,142	0,285
CHR14	10955935	CHR14:1095593	SSF x Near_LoA	-8,416	-0,169	0,280
CHR14	10957856	CHR14:1095785	SSF x Near_LoA	-0,874	-0,241	0,279
CHR14	11059697	CHR14:1105969	SSF x Near_LoA	-10,321	0,012	0,293
CHR14	11059807	CHR14:1105980	SSF x Near_LoA	-9,228	-0,065	0,289
CHR14	1108265	CHR14:1108265	SSF x Near_LoA	-6,762	0,025	0,302
CHR14	11194582	CHR14:1119458	SSF x Near_LoA	-9,329	-0,156	0,272
CHR14	11194653	CHR14:1119465	SSF x Near_LoA	-7,651	0,013	0,289
CHR14	11227511	CHR14:1122751	SSF x Near_LoA	-8,109	0,143	0,269

CHR14	11307047	CHR14:11307047	SSF x Near_LoA	-7,304	-0,048	0,284
CHR14	11312820	CHR14:11312820	SSF x Near_LoA	-9,788	0,079	0,273
CHR14	11342407	CHR14:11342407	SSF x Near_LoA	-7,786	0,010	0,284
CHR14	11344640	CHR14:11344640	SSF x Near_LoA	-7,070	-0,020	0,284
CHR14	11348270	CHR14:11348270	SSF x Near_LoA	-8,108	-0,009	0,280
CHR14	11348273	CHR14:11348273	SSF x Near_LoA	-7,230	0,051	0,293
CHR14	11348279	CHR14:11348279	SSF x Near_LoA	-8,269	-0,058	0,285
CHR14	11364430	CHR14:11364430	SSF x Near_LoA	-8,113	-0,064	0,283
CHR14	11366735	CHR14:11366735	SSF x Near_LoA	-7,875	0,016	0,285
CHR14	11377136	CHR14:11377136	SSF x Near_LoA	-8,786	-0,028	0,302
CHR14	11405251	CHR14:11405251	SSF x Near_LoA	-7,547	0,081	0,285
CHR14	11408900	CHR14:11408900	SSF x Near_LoA	-2,387	-0,036	0,286
CHR14	11409093	CHR14:11409093	SSF x Near_LoA	-5,689	-0,025	0,278
CHR14	11413202	CHR14:11413202	SSF x Near_LoA	-8,527	0,041	0,276
CHR14	11420573	CHR14:11420573	SSF x Near_LoA	-8,129	-0,129	0,291
CHR14	11421359	CHR14:11421359	SSF x Near_LoA	-3,182	0,050	0,283
CHR14	11442014	CHR14:11442014	SSF x Near_LoA	-7,836	0,001	0,288
CHR14	11442112	CHR14:11442112	SSF x Near_LoA	-8,125	0,058	0,287
CHR14	11442341	CHR14:11442341	SSF x Near_LoA	-7,589	0,050	0,293
CHR14	1145007	CHR14:1145007	SSF x Near_LoA	-8,897	-0,043	0,272
CHR14	11496775	CHR14:11496775	SSF x Near_LoA	-9,833	-0,074	0,278
CHR14	11499242	CHR14:11499242	SSF x Near_LoA	-6,119	0,157	0,290
CHR14	11499326	CHR14:11499326	SSF x Near_LoA	-8,801	0,010	0,292
CHR14	11508644	CHR14:11508644	SSF x Near_LoA	-6,146	0,033	0,294
CHR14	11522318	CHR14:11522318	SSF x Near_LoA	-7,831	0,114	0,278
CHR14	1153389	CHR14:1153389	SSF x Near_LoA	-9,516	0,003	0,297
CHR14	1153406	CHR14:1153406	SSF x Near_LoA	-8,124	-0,202	0,278
CHR14	1153439	CHR14:1153439	SSF x Near_LoA	-6,995	-0,096	0,293
CHR14	1153486	CHR14:1153486	SSF x Near_LoA	-7,181	-0,217	0,276
CHR14	1154918	CHR14:1154918	SSF x Near_LoA	-9,089	0,023	0,282
CHR14	1154919	CHR14:1154919	SSF x Near_LoA	-7,043	0,139	0,280
CHR14	1155057	CHR14:1155057	SSF x Near_LoA	-6,550	0,004	0,294
CHR14	11562376	CHR14:11562376	SSF x Near_LoA	-8,642	-0,066	0,287
CHR14	11566244	CHR14:11566244	SSF x Near_LoA	-8,797	-0,096	0,286
CHR14	11575215	CHR14:11575215	SSF x Near_LoA	-7,184	-0,001	0,307
CHR14	1166778	CHR14:1166778	SSF x Near_LoA	-8,650	-0,118	0,280
CHR14	11674478	CHR14:11674478	SSF x Near_LoA	-8,999	-0,040	0,293
CHR14	11683066	CHR14:11683066	SSF x Near_LoA	-8,094	0,072	0,297
CHR14	11683104	CHR14:11683104	SSF x Near_LoA	-11,029	0,060	0,286
CHR14	11692141	CHR14:11692141	SSF x Near_LoA	-10,952	0,014	0,275
CHR14	11699130	CHR14:11699130	SSF x Near_LoA	-8,748	0,029	0,297
CHR14	1170969	CHR14:1170969	SSF x Near_LoA	-9,194	-0,076	0,297
CHR14	1170970	CHR14:1170970	SSF x Near_LoA	-8,775	0,083	0,287
CHR14	1171327	CHR14:1171327	SSF x Near_LoA	-7,439	0,058	0,293
CHR14	11778070	CHR14:11778070	SSF x Near_LoA	-10,192	0,035	0,273
CHR14	11778170	CHR14:11778170	SSF x Near_LoA	-11,162	0,065	0,283
CHR14	11781456	CHR14:11781456	SSF x Near_LoA	-7,902	0,138	0,300
CHR14	11807694	CHR14:11807694	SSF x Near_LoA	-9,369	0,086	0,278
CHR14	11813492	CHR14:11813492	SSF x Near_LoA	-6,093	-0,142	0,287
CHR14	11822371	CHR14:11822371	SSF x Near_LoA	-4,885	0,184	0,280
CHR14	11860021	CHR14:11860021	SSF x Near_LoA	-10,086	0,060	0,289
CHR14	11900782	CHR14:11900782	SSF x Near_LoA	-6,562	0,167	0,290
CHR14	11912554	CHR14:11912554	SSF x Near_LoA	-5,410	-0,227	0,263

CHR14	1193628	CHR14:1193628	SSF x Near_LoA	-10,586	0,019	0,280
CHR14	1193901	CHR14:1193901	SSF x Near_LoA	-10,059	0,000	0,294
CHR14	1205165	CHR14:1205165	SSF x Near_LoA	-9,203	-0,031	0,284
CHR14	1223589	CHR14:1223589	SSF x Near_LoA	-5,980	0,153	0,284
CHR14	1223908	CHR14:1223908	SSF x Near_LoA	-4,632	-0,208	0,274
CHR14	1257202	CHR14:1257202	SSF x Near_LoA	-5,169	-0,240	0,260
CHR14	1257344	CHR14:1257344	SSF x Near_LoA	-4,261	-0,215	0,266
CHR14	1259165	CHR14:1259165	SSF x Near_LoA	-10,572	-0,016	0,281
CHR14	1263903	CHR14:1263903	SSF x Near_LoA	-8,369	-0,046	0,284
CHR14	1264136	CHR14:1264136	SSF x Near_LoA	-7,946	-0,063	0,282
CHR14	1266272	CHR14:1266272	SSF x Near_LoA	-8,092	-0,134	0,286
CHR14	1266293	CHR14:1266293	SSF x Near_LoA	-3,131	-0,214	0,281
CHR14	1288926	CHR14:1288926	SSF x Near_LoA	-2,616	0,133	0,278
CHR14	1288927	CHR14:1288927	SSF x Near_LoA	-8,176	0,050	0,302
CHR14	1296920	CHR14:1296920	SSF x Near_LoA	-10,695	0,028	0,300
CHR14	1297006	CHR14:1297006	SSF x Near_LoA	0,928	-0,114	0,295
CHR14	1316182	CHR14:1316182	SSF x Near_LoA	-9,065	-0,085	0,290
CHR14	1316229	CHR14:1316229	SSF x Near_LoA	-9,292	0,054	0,288
CHR14	1316327	CHR14:1316327	SSF x Near_LoA	-8,780	-0,042	0,271
CHR14	1316363	CHR14:1316363	SSF x Near_LoA	0,008	-0,026	0,296
CHR14	1316433	CHR14:1316433	SSF x Near_LoA	-10,583	0,033	0,280
CHR14	1316453	CHR14:1316453	SSF x Near_LoA	-9,122	0,099	0,283
CHR14	1316454	CHR14:1316454	SSF x Near_LoA	-1,562	-0,112	0,291
CHR14	1333032	CHR14:1333032	SSF x Near_LoA	-7,618	-0,044	0,292
CHR14	1333038	CHR14:1333038	SSF x Near_LoA	-7,037	-0,027	0,292
CHR14	1333059	CHR14:1333059	SSF x Near_LoA	-9,892	0,113	0,281
CHR14	1337237	CHR14:1337237	SSF x Near_LoA	-7,022	-0,204	0,266
CHR14	1337471	CHR14:1337471	SSF x Near_LoA	-6,742	-0,108	0,304
CHR14	1337498	CHR14:1337498	SSF x Near_LoA	-6,715	0,116	0,284
CHR14	1348214	CHR14:1348214	SSF x Near_LoA	-8,242	0,117	0,294
CHR14	1358589	CHR14:1358589	SSF x Near_LoA	-8,401	-0,078	0,277
CHR14	1358684	CHR14:1358684	SSF x Near_LoA	-8,731	-0,076	0,293
CHR14	1363335	CHR14:1363335	SSF x Near_LoA	-10,741	-0,001	0,293
CHR14	1363674	CHR14:1363674	SSF x Near_LoA	-7,292	0,059	0,290
CHR14	1382185	CHR14:1382185	SSF x Near_LoA	-7,197	0,006	0,280
CHR14	1382188	CHR14:1382188	SSF x Near_LoA	-7,498	0,041	0,302
CHR14	1382233	CHR14:1382233	SSF x Near_LoA	-6,225	0,122	0,301
CHR14	1382258	CHR14:1382258	SSF x Near_LoA	-8,444	0,026	0,276
CHR14	1385058	CHR14:1385058	SSF x Near_LoA	-8,136	-0,067	0,291
CHR14	1385142	CHR14:1385142	SSF x Near_LoA	-5,275	-0,108	0,286
CHR14	1391912	CHR14:1391912	SSF x Near_LoA	-10,438	0,099	0,277
CHR14	1392109	CHR14:1392109	SSF x Near_LoA	-5,466	0,186	0,286
CHR14	1392129	CHR14:1392129	SSF x Near_LoA	-9,599	0,079	0,281
CHR14	1397459	CHR14:1397459	SSF x Near_LoA	-9,198	0,099	0,288
CHR14	1397522	CHR14:1397522	SSF x Near_LoA	-2,105	-0,122	0,295
CHR14	1397607	CHR14:1397607	SSF x Near_LoA	-9,154	-0,011	0,285
CHR14	1397644	CHR14:1397644	SSF x Near_LoA	-10,493	0,058	0,272
CHR14	1397714	CHR14:1397714	SSF x Near_LoA	-5,994	-0,073	0,283
CHR14	1397771	CHR14:1397771	SSF x Near_LoA	-7,454	0,007	0,291
CHR14	1407109	CHR14:1407109	SSF x Near_LoA	-7,399	-0,033	0,280
CHR14	1407188	CHR14:1407188	SSF x Near_LoA	-10,178	0,063	0,282
CHR14	1434302	CHR14:1434302	SSF x Near_LoA	-8,904	-0,019	0,297
CHR14	1434417	CHR14:1434417	SSF x Near_LoA	-10,243	0,047	0,284

CHR14	1434430	CHR14:1434430	SSF x Near_LoA	-6,618	0,024	0,288
CHR14	1438868	CHR14:1438868	SSF x Near_LoA	-8,174	-0,028	0,288
CHR14	1438922	CHR14:1438922	SSF x Near_LoA	-7,834	0,097	0,290
CHR14	1438923	CHR14:1438923	SSF x Near_LoA	-8,721	0,097	0,283
CHR14	1438946	CHR14:1438946	SSF x Near_LoA	-7,247	-0,089	0,289
CHR14	1438968	CHR14:1438968	SSF x Near_LoA	-7,471	-0,069	0,279
CHR14	1439001	CHR14:1439001	SSF x Near_LoA	-9,292	-0,007	0,299
CHR14	1441587	CHR14:1441587	SSF x Near_LoA	-9,512	-0,038	0,287
CHR14	1441643	CHR14:1441643	SSF x Near_LoA	-7,431	-0,011	0,298
CHR14	1441708	CHR14:1441708	SSF x Near_LoA	-8,002	-0,160	0,290
CHR14	1451904	CHR14:1451904	SSF x Near_LoA	-8,074	0,008	0,293
CHR14	1451905	CHR14:1451905	SSF x Near_LoA	-9,641	-0,004	0,277
CHR14	1461809	CHR14:1461809	SSF x Near_LoA	-7,849	0,098	0,286
CHR14	1472068	CHR14:1472068	SSF x Near_LoA	-0,770	-0,129	0,279
CHR14	1472109	CHR14:1472109	SSF x Near_LoA	-2,442	0,134	0,268
CHR14	1472110	CHR14:1472110	SSF x Near_LoA	-9,618	0,140	0,283
CHR14	1472111	CHR14:1472111	SSF x Near_LoA	-5,645	0,145	0,277
CHR14	1472129	CHR14:1472129	SSF x Near_LoA	-7,575	0,173	0,280
CHR14	1472180	CHR14:1472180	SSF x Near_LoA	-9,081	0,075	0,283
CHR14	1474819	CHR14:1474819	SSF x Near_LoA	-8,141	0,086	0,283
CHR14	1474867	CHR14:1474867	SSF x Near_LoA	-8,760	-0,050	0,279
CHR14	1481566	CHR14:1481566	SSF x Near_LoA	-9,601	0,022	0,305
CHR14	1481714	CHR14:1481714	SSF x Near_LoA	-8,805	0,118	0,288
CHR14	1490099	CHR14:1490099	SSF x Near_LoA	-9,469	0,095	0,295
CHR14	1490131	CHR14:1490131	SSF x Near_LoA	-10,228	0,009	0,286
CHR14	1490566	CHR14:1490566	SSF x Near_LoA	-9,906	-0,049	0,288
CHR14	1496778	CHR14:1496778	SSF x Near_LoA	-6,848	-0,050	0,289
CHR14	1496815	CHR14:1496815	SSF x Near_LoA	-11,028	0,016	0,278
CHR14	1497059	CHR14:1497059	SSF x Near_LoA	-7,655	0,029	0,298
CHR14	1497200	CHR14:1497200	SSF x Near_LoA	-6,504	-0,021	0,298
CHR14	1504827	CHR14:1504827	SSF x Near_LoA	-8,355	-0,069	0,268
CHR14	1504830	CHR14:1504830	SSF x Near_LoA	-8,520	-0,031	0,287
CHR14	1504964	CHR14:1504964	SSF x Near_LoA	-9,674	0,070	0,287
CHR14	1504969	CHR14:1504969	SSF x Near_LoA	-4,890	-0,170	0,287
CHR14	1504973	CHR14:1504973	SSF x Near_LoA	-8,178	-0,098	0,289
CHR14	1505210	CHR14:1505210	SSF x Near_LoA	-11,249	-0,050	0,277
CHR14	1513253	CHR14:1513253	SSF x Near_LoA	-8,064	0,057	0,283
CHR14	1513343	CHR14:1513343	SSF x Near_LoA	-7,381	-0,023	0,302
CHR14	1513430	CHR14:1513430	SSF x Near_LoA	-8,721	-0,030	0,286
CHR14	1513467	CHR14:1513467	SSF x Near_LoA	-7,775	0,031	0,288
CHR14	1513509	CHR14:1513509	SSF x Near_LoA	-7,774	0,000	0,301
CHR14	1513537	CHR14:1513537	SSF x Near_LoA	-9,219	-0,064	0,283
CHR14	1513553	CHR14:1513553	SSF x Near_LoA	-6,111	-0,100	0,283
CHR14	1513616	CHR14:1513616	SSF x Near_LoA	-6,899	-0,090	0,294
CHR14	1513646	CHR14:1513646	SSF x Near_LoA	-7,375	-0,026	0,300
CHR14	1513658	CHR14:1513658	SSF x Near_LoA	-9,229	-0,005	0,294
CHR14	1517083	CHR14:1517083	SSF x Near_LoA	-6,458	0,119	0,276
CHR14	1517086	CHR14:1517086	SSF x Near_LoA	-6,593	-0,154	0,278
CHR14	1517097	CHR14:1517097	SSF x Near_LoA	-5,503	0,116	0,274
CHR14	1517118	CHR14:1517118	SSF x Near_LoA	-7,946	0,050	0,283
CHR14	1533931	CHR14:1533931	SSF x Near_LoA	-9,431	0,094	0,301
CHR14	1542780	CHR14:1542780	SSF x Near_LoA	-8,797	-0,011	0,289
CHR14	1542783	CHR14:1542783	SSF x Near_LoA	-8,195	-0,135	0,279

CHR14	1542792	CHR14:1542792	SSF x Near_LoA	-7,792	0,059	0,284
CHR14	1543011	CHR14:1543011	SSF x Near_LoA	-6,613	-0,005	0,291
CHR14	1543302	CHR14:1543302	SSF x Near_LoA	-9,031	-0,162	0,282
CHR14	1561411	CHR14:1561411	SSF x Near_LoA	-4,402	0,182	0,268
CHR14	1568968	CHR14:1568968	SSF x Near_LoA	-9,163	-0,006	0,285
CHR14	1572755	CHR14:1572755	SSF x Near_LoA	-6,023	0,043	0,274
CHR14	1580283	CHR14:1580283	SSF x Near_LoA	-6,586	0,054	0,292
CHR14	1581132	CHR14:1581132	SSF x Near_LoA	-7,468	0,111	0,283
CHR14	1581193	CHR14:1581193	SSF x Near_LoA	-9,398	0,054	0,279
CHR14	1581245	CHR14:1581245	SSF x Near_LoA	-9,857	0,067	0,288
CHR14	1583860	CHR14:1583860	SSF x Near_LoA	-4,166	-0,132	0,283
CHR14	1583865	CHR14:1583865	SSF x Near_LoA	-5,647	-0,115	0,285
CHR14	1583937	CHR14:1583937	SSF x Near_LoA	-7,126	-0,100	0,283
CHR14	1584007	CHR14:1584007	SSF x Near_LoA	-6,990	0,010	0,280
CHR14	1584009	CHR14:1584009	SSF x Near_LoA	-7,779	0,026	0,301
CHR14	1603803	CHR14:1603803	SSF x Near_LoA	-6,436	-0,109	0,286
CHR14	1603824	CHR14:1603824	SSF x Near_LoA	-5,375	0,145	0,291
CHR14	1603840	CHR14:1603840	SSF x Near_LoA	-7,812	0,140	0,280
CHR14	1603855	CHR14:1603855	SSF x Near_LoA	-8,170	0,033	0,290
CHR14	1603862	CHR14:1603862	SSF x Near_LoA	-5,522	-0,207	0,273
CHR14	1603890	CHR14:1603890	SSF x Near_LoA	-2,449	-0,146	0,285
CHR14	1619626	CHR14:1619626	SSF x Near_LoA	-9,330	-0,074	0,281
CHR14	1623408	CHR14:1623408	SSF x Near_LoA	-9,252	-0,068	0,291
CHR14	1623423	CHR14:1623423	SSF x Near_LoA	-8,729	-0,040	0,278
CHR14	1623750	CHR14:1623750	SSF x Near_LoA	-7,999	0,046	0,287
CHR14	1625646	CHR14:1625646	SSF x Near_LoA	-6,561	-0,116	0,286
CHR14	1640085	CHR14:1640085	SSF x Near_LoA	-8,351	-0,186	0,273
CHR14	1644105	CHR14:1644105	SSF x Near_LoA	-9,539	0,013	0,290
CHR14	1644133	CHR14:1644133	SSF x Near_LoA	-6,177	-0,086	0,286
CHR14	1644152	CHR14:1644152	SSF x Near_LoA	-10,132	0,026	0,290
CHR14	1644174	CHR14:1644174	SSF x Near_LoA	-10,578	0,012	0,285
CHR14	1644338	CHR14:1644338	SSF x Near_LoA	-5,208	-0,215	0,274
CHR14	1648590	CHR14:1648590	SSF x Near_LoA	-9,025	-0,040	0,280
CHR14	1658968	CHR14:1658968	SSF x Near_LoA	-9,848	0,003	0,295
CHR14	1659047	CHR14:1659047	SSF x Near_LoA	-8,896	0,056	0,291
CHR14	1668467	CHR14:1668467	SSF x Near_LoA	-6,407	-0,097	0,291
CHR14	1668537	CHR14:1668537	SSF x Near_LoA	-9,963	0,051	0,269
CHR14	1668587	CHR14:1668587	SSF x Near_LoA	-10,538	0,046	0,276
CHR14	1668667	CHR14:1668667	SSF x Near_LoA	-9,799	0,024	0,282
CHR14	1668791	CHR14:1668791	SSF x Near_LoA	-7,868	0,003	0,295
CHR14	1688295	CHR14:1688295	SSF x Near_LoA	-9,342	-0,092	0,300
CHR14	1688419	CHR14:1688419	SSF x Near_LoA	-9,575	0,025	0,290
CHR14	1688420	CHR14:1688420	SSF x Near_LoA	-8,422	0,094	0,277
CHR14	1688438	CHR14:1688438	SSF x Near_LoA	-6,114	-0,008	0,293
CHR14	1688506	CHR14:1688506	SSF x Near_LoA	-10,041	0,000	0,283
CHR14	1690150	CHR14:1690150	SSF x Near_LoA	-6,237	-0,105	0,291
CHR14	1690214	CHR14:1690214	SSF x Near_LoA	-8,302	-0,028	0,298
CHR14	1690219	CHR14:1690219	SSF x Near_LoA	-6,930	0,041	0,294
CHR14	1690232	CHR14:1690232	SSF x Near_LoA	-7,350	0,053	0,288
CHR14	1690254	CHR14:1690254	SSF x Near_LoA	-8,225	0,031	0,283
CHR14	1690280	CHR14:1690280	SSF x Near_LoA	-7,458	0,038	0,277
CHR14	1690341	CHR14:1690341	SSF x Near_LoA	-8,802	0,029	0,301
CHR14	1690342	CHR14:1690342	SSF x Near_LoA	-9,091	0,026	0,293

CHR14	1699230	CHR14:1699230	SSF x Near_LoA	-4,624	-0,157	0,297
CHR14	1699263	CHR14:1699263	SSF x Near_LoA	-6,606	-0,059	0,287
CHR14	1699296	CHR14:1699296	SSF x Near_LoA	-5,333	-0,156	0,277
CHR14	1706167	CHR14:1706167	SSF x Near_LoA	-9,838	-0,113	0,293
CHR14	1737582	CHR14:1737582	SSF x Near_LoA	-6,702	0,050	0,299
CHR14	1746377	CHR14:1746377	SSF x Near_LoA	-5,949	-0,090	0,302
CHR14	1746388	CHR14:1746388	SSF x Near_LoA	-7,602	-0,074	0,302
CHR14	1746414	CHR14:1746414	SSF x Near_LoA	-6,077	-0,152	0,291
CHR14	1746454	CHR14:1746454	SSF x Near_LoA	-9,455	0,001	0,272
CHR14	1746482	CHR14:1746482	SSF x Near_LoA	-5,805	-0,183	0,281
CHR14	1746540	CHR14:1746540	SSF x Near_LoA	-5,943	-0,175	0,294
CHR14	1771021	CHR14:1771021	SSF x Near_LoA	-9,559	-0,020	0,300
CHR14	1790454	CHR14:1790454	SSF x Near_LoA	-7,625	-0,019	0,288
CHR14	1831660	CHR14:1831660	SSF x Near_LoA	-6,713	-0,084	0,274
CHR14	1831879	CHR14:1831879	SSF x Near_LoA	-9,469	0,114	0,284
CHR14	1831902	CHR14:1831902	SSF x Near_LoA	-6,223	-0,107	0,281
CHR14	1831929	CHR14:1831929	SSF x Near_LoA	-6,305	-0,124	0,274
CHR14	1852134	CHR14:1852134	SSF x Near_LoA	-5,760	0,156	0,292
CHR14	1852260	CHR14:1852260	SSF x Near_LoA	-2,076	0,141	0,294
CHR14	1861806	CHR14:1861806	SSF x Near_LoA	-7,608	0,020	0,278
CHR14	1875984	CHR14:1875984	SSF x Near_LoA	-8,780	-0,083	0,282
CHR14	1876097	CHR14:1876097	SSF x Near_LoA	-7,451	-0,035	0,297
CHR14	1894248	CHR14:1894248	SSF x Near_LoA	-9,762	-0,045	0,292
CHR14	1894285	CHR14:1894285	SSF x Near_LoA	-7,716	0,053	0,291
CHR14	1894336	CHR14:1894336	SSF x Near_LoA	-7,987	-0,082	0,278
CHR14	1894390	CHR14:1894390	SSF x Near_LoA	-6,990	0,163	0,289
CHR14	1894415	CHR14:1894415	SSF x Near_LoA	-6,355	0,135	0,283
CHR14	1894460	CHR14:1894460	SSF x Near_LoA	-7,762	0,009	0,282
CHR14	1894482	CHR14:1894482	SSF x Near_LoA	-7,485	-0,123	0,276
CHR14	1894484	CHR14:1894484	SSF x Near_LoA	-7,766	0,059	0,276
CHR14	1931198	CHR14:1931198	SSF x Near_LoA	-6,407	-0,055	0,292
CHR14	1931463	CHR14:1931463	SSF x Near_LoA	-8,370	0,097	0,280
CHR14	1950355	CHR14:1950355	SSF x Near_LoA	-9,811	-0,018	0,279
CHR14	1950535	CHR14:1950535	SSF x Near_LoA	-4,492	-0,173	0,277
CHR14	1955792	CHR14:1955792	SSF x Near_LoA	-6,661	0,109	0,287
CHR14	1955832	CHR14:1955832	SSF x Near_LoA	-5,090	0,183	0,281
CHR14	1955839	CHR14:1955839	SSF x Near_LoA	-9,939	-0,004	0,288
CHR14	1955858	CHR14:1955858	SSF x Near_LoA	-6,989	0,109	0,283
CHR14	1955989	CHR14:1955989	SSF x Near_LoA	-3,632	0,201	0,275
CHR14	1987060	CHR14:1987060	SSF x Near_LoA	-6,249	0,176	0,271
CHR14	2005079	CHR14:2005079	SSF x Near_LoA	-6,042	0,121	0,285
CHR14	2016199	CHR14:2016199	SSF x Near_LoA	-9,421	0,003	0,289
CHR14	2016226	CHR14:2016226	SSF x Near_LoA	-10,087	-0,018	0,281
CHR14	2016239	CHR14:2016239	SSF x Near_LoA	-9,193	-0,020	0,294
CHR14	2016257	CHR14:2016257	SSF x Near_LoA	-9,729	-0,084	0,287
CHR14	2016258	CHR14:2016258	SSF x Near_LoA	-10,263	-0,017	0,277
CHR14	2016310	CHR14:2016310	SSF x Near_LoA	-8,027	-0,075	0,288
CHR14	2016354	CHR14:2016354	SSF x Near_LoA	-8,043	0,109	0,286
CHR14	2016400	CHR14:2016400	SSF x Near_LoA	-9,830	-0,005	0,292
CHR14	2016452	CHR14:2016452	SSF x Near_LoA	-5,840	-0,029	0,297
CHR14	2020697	CHR14:2020697	SSF x Near_LoA	-8,343	0,083	0,291
CHR14	2029110	CHR14:2029110	SSF x Near_LoA	-9,162	-0,110	0,290
CHR14	2029122	CHR14:2029122	SSF x Near_LoA	-5,830	0,010	0,284

CHR14	2036090	CHR14:2036090	SSF x Near_LoA	-6,483	-0,078	0,289
CHR14	2047622	CHR14:2047622	SSF x Near_LoA	-6,800	0,016	0,291
CHR14	2058447	CHR14:2058447	SSF x Near_LoA	-5,650	0,147	0,288
CHR14	2058453	CHR14:2058453	SSF x Near_LoA	-6,661	0,121	0,291
CHR14	2058485	CHR14:2058485	SSF x Near_LoA	-6,899	0,123	0,297
CHR14	2058511	CHR14:2058511	SSF x Near_LoA	-7,839	0,013	0,288
CHR14	2067066	CHR14:2067066	SSF x Near_LoA	-6,075	0,111	0,293
CHR14	2067168	CHR14:2067168	SSF x Near_LoA	-8,114	0,063	0,277
CHR14	2112960	CHR14:2112960	SSF x Near_LoA	-7,052	0,099	0,297
CHR14	2112973	CHR14:2112973	SSF x Near_LoA	-8,795	0,090	0,280
CHR14	2112983	CHR14:2112983	SSF x Near_LoA	-6,376	-0,162	0,281
CHR14	2127820	CHR14:2127820	SSF x Near_LoA	-8,720	-0,011	0,283
CHR14	2130765	CHR14:2130765	SSF x Near_LoA	-8,955	-0,136	0,288
CHR14	2134582	CHR14:2134582	SSF x Near_LoA	-7,110	-0,005	0,300
CHR14	2134598	CHR14:2134598	SSF x Near_LoA	-7,232	-0,002	0,294
CHR14	2134608	CHR14:2134608	SSF x Near_LoA	-8,032	0,009	0,295
CHR14	2147574	CHR14:2147574	SSF x Near_LoA	-6,103	0,072	0,301
CHR14	2147577	CHR14:2147577	SSF x Near_LoA	-8,296	0,050	0,282
CHR14	2147587	CHR14:2147587	SSF x Near_LoA	-9,679	0,064	0,282
CHR14	2147633	CHR14:2147633	SSF x Near_LoA	-8,415	0,020	0,294
CHR14	2147674	CHR14:2147674	SSF x Near_LoA	-10,918	-0,008	0,278
CHR14	2147681	CHR14:2147681	SSF x Near_LoA	-8,650	0,059	0,301
CHR14	2147735	CHR14:2147735	SSF x Near_LoA	-4,375	0,228	0,287
CHR14	2149650	CHR14:2149650	SSF x Near_LoA	-8,119	-0,181	0,280
CHR14	2149672	CHR14:2149672	SSF x Near_LoA	-6,519	0,119	0,290
CHR14	2149676	CHR14:2149676	SSF x Near_LoA	-7,139	0,137	0,275
CHR14	2149745	CHR14:2149745	SSF x Near_LoA	-4,325	-0,241	0,255
CHR14	2149751	CHR14:2149751	SSF x Near_LoA	-7,141	0,084	0,286
CHR14	2149791	CHR14:2149791	SSF x Near_LoA	1,470	-0,122	0,265
CHR14	2149792	CHR14:2149792	SSF x Near_LoA	-6,336	-0,143	0,264
CHR14	2149832	CHR14:2149832	SSF x Near_LoA	-9,070	0,018	0,287
CHR14	2149981	CHR14:2149981	SSF x Near_LoA	-9,170	-0,021	0,291
CHR14	2162159	CHR14:2162159	SSF x Near_LoA	-3,380	0,043	0,295
CHR14	2186520	CHR14:2186520	SSF x Near_LoA	-7,845	-0,035	0,296
CHR14	2186719	CHR14:2186719	SSF x Near_LoA	-7,821	0,012	0,288
CHR14	2200192	CHR14:2200192	SSF x Near_LoA	-9,979	0,029	0,290
CHR14	2203048	CHR14:2203048	SSF x Near_LoA	-4,692	0,081	0,268
CHR14	2203089	CHR14:2203089	SSF x Near_LoA	-6,328	-0,069	0,281
CHR14	2203137	CHR14:2203137	SSF x Near_LoA	-9,984	-0,032	0,287
CHR14	2205687	CHR14:2205687	SSF x Near_LoA	-7,198	0,104	0,291
CHR14	2205689	CHR14:2205689	SSF x Near_LoA	-6,797	0,124	0,294
CHR14	2209800	CHR14:2209800	SSF x Near_LoA	-10,602	0,016	0,284
CHR14	2209858	CHR14:2209858	SSF x Near_LoA	-6,250	-0,072	0,284
CHR14	2209861	CHR14:2209861	SSF x Near_LoA	-7,653	-0,053	0,272
CHR14	2209878	CHR14:2209878	SSF x Near_LoA	-8,666	0,022	0,281
CHR14	2209952	CHR14:2209952	SSF x Near_LoA	-7,225	-0,024	0,298
CHR14	2209991	CHR14:2209991	SSF x Near_LoA	-9,484	-0,052	0,292
CHR14	2210030	CHR14:2210030	SSF x Near_LoA	-7,845	-0,087	0,290
CHR14	2210041	CHR14:2210041	SSF x Near_LoA	-5,552	-0,094	0,295
CHR14	2210042	CHR14:2210042	SSF x Near_LoA	-7,830	0,094	0,277
CHR14	2212164	CHR14:2212164	SSF x Near_LoA	-9,504	0,083	0,284
CHR14	2212259	CHR14:2212259	SSF x Near_LoA	-9,159	0,021	0,294
CHR14	2223167	CHR14:2223167	SSF x Near_LoA	-7,777	-0,021	0,283

CHR14	2223179	CHR14:2223179	SSF x Near_LoA	-7,630	0,059	0,290
CHR14	2223297	CHR14:2223297	SSF x Near_LoA	-8,578	-0,005	0,301
CHR14	2223337	CHR14:2223337	SSF x Near_LoA	-7,403	0,077	0,282
CHR14	2223426	CHR14:2223426	SSF x Near_LoA	-0,878	-0,085	0,269
CHR14	2223441	CHR14:2223441	SSF x Near_LoA	-7,816	0,049	0,289
CHR14	2223472	CHR14:2223472	SSF x Near_LoA	-10,677	0,025	0,292
CHR14	2235943	CHR14:2235943	SSF x Near_LoA	-6,366	-0,157	0,277
CHR14	2235944	CHR14:2235944	SSF x Near_LoA	-8,869	0,037	0,289
CHR14	2235945	CHR14:2235945	SSF x Near_LoA	-9,719	0,043	0,292
CHR14	2235957	CHR14:2235957	SSF x Near_LoA	-9,142	-0,034	0,279
CHR14	2235962	CHR14:2235962	SSF x Near_LoA	-6,920	-0,188	0,266
CHR14	2235997	CHR14:2235997	SSF x Near_LoA	-7,262	-0,122	0,262
CHR14	2236047	CHR14:2236047	SSF x Near_LoA	-5,452	0,041	0,300
CHR14	2236070	CHR14:2236070	SSF x Near_LoA	-5,517	-0,201	0,285
CHR14	2236103	CHR14:2236103	SSF x Near_LoA	-4,341	-0,196	0,286
CHR14	2241923	CHR14:2241923	SSF x Near_LoA	-5,552	0,026	0,288
CHR14	2243061	CHR14:2243061	SSF x Near_LoA	-6,848	-0,004	0,288
CHR14	2246959	CHR14:2246959	SSF x Near_LoA	-6,329	-0,185	0,280
CHR14	2254436	CHR14:2254436	SSF x Near_LoA	-10,014	-0,043	0,306
CHR14	2254445	CHR14:2254445	SSF x Near_LoA	-6,310	0,094	0,281
CHR14	2254463	CHR14:2254463	SSF x Near_LoA	-9,110	0,079	0,283
CHR14	2254529	CHR14:2254529	SSF x Near_LoA	-5,628	0,037	0,277
CHR14	2254606	CHR14:2254606	SSF x Near_LoA	-8,252	0,021	0,286
CHR14	2254630	CHR14:2254630	SSF x Near_LoA	-7,832	-0,108	0,280
CHR14	2254661	CHR14:2254661	SSF x Near_LoA	-9,047	0,104	0,289
CHR14	2271825	CHR14:2271825	SSF x Near_LoA	-6,957	0,033	0,304
CHR14	2274469	CHR14:2274469	SSF x Near_LoA	-8,846	0,160	0,275
CHR14	2279593	CHR14:2279593	SSF x Near_LoA	-7,077	0,068	0,272
CHR14	2292574	CHR14:2292574	SSF x Near_LoA	-7,591	-0,004	0,296
CHR14	2292783	CHR14:2292783	SSF x Near_LoA	-3,858	0,124	0,274
CHR14	2300846	CHR14:2300846	SSF x Near_LoA	-2,398	0,141	0,291
CHR14	2300858	CHR14:2300858	SSF x Near_LoA	-7,536	0,054	0,283
CHR14	2300875	CHR14:2300875	SSF x Near_LoA	-5,404	-0,135	0,296
CHR14	2301004	CHR14:2301004	SSF x Near_LoA	-8,416	0,047	0,284
CHR14	2319077	CHR14:2319077	SSF x Near_LoA	-7,512	-0,129	0,290
CHR14	2319079	CHR14:2319079	SSF x Near_LoA	-9,473	0,127	0,281
CHR14	2319161	CHR14:2319161	SSF x Near_LoA	-6,507	-0,089	0,290
CHR14	2319213	CHR14:2319213	SSF x Near_LoA	-7,574	-0,065	0,284
CHR14	2319223	CHR14:2319223	SSF x Near_LoA	-7,551	0,152	0,294
CHR14	2319295	CHR14:2319295	SSF x Near_LoA	-4,624	0,114	0,289
CHR14	2319313	CHR14:2319313	SSF x Near_LoA	-9,601	0,073	0,290
CHR14	2319320	CHR14:2319320	SSF x Near_LoA	-7,771	-0,022	0,287
CHR14	2319340	CHR14:2319340	SSF x Near_LoA	-8,412	-0,021	0,284
CHR14	2325524	CHR14:2325524	SSF x Near_LoA	-8,265	0,004	0,298
CHR14	2325532	CHR14:2325532	SSF x Near_LoA	-3,176	0,228	0,272
CHR14	2325589	CHR14:2325589	SSF x Near_LoA	-9,265	0,048	0,292
CHR14	2325592	CHR14:2325592	SSF x Near_LoA	-9,345	0,068	0,297
CHR14	2325598	CHR14:2325598	SSF x Near_LoA	-7,396	0,007	0,304
CHR14	2325600	CHR14:2325600	SSF x Near_LoA	-7,838	-0,010	0,293
CHR14	2325606	CHR14:2325606	SSF x Near_LoA	-6,818	-0,058	0,305
CHR14	2325644	CHR14:2325644	SSF x Near_LoA	-8,787	-0,028	0,283
CHR14	2325679	CHR14:2325679	SSF x Near_LoA	-6,495	-0,112	0,282
CHR14	2325748	CHR14:2325748	SSF x Near_LoA	-7,011	-0,116	0,281

CHR14	2325751	CHR14:2325751	SSF x Near_LoA	-7,661	0,032	0,292
CHR14	2329043	CHR14:2329043	SSF x Near_LoA	-7,824	0,157	0,276
CHR14	2329051	CHR14:2329051	SSF x Near_LoA	-7,896	-0,018	0,294
CHR14	2329094	CHR14:2329094	SSF x Near_LoA	-5,233	-0,089	0,283
CHR14	2330892	CHR14:2330892	SSF x Near_LoA	-9,082	0,032	0,299
CHR14	2330994	CHR14:2330994	SSF x Near_LoA	-8,251	-0,073	0,270
CHR14	2331087	CHR14:2331087	SSF x Near_LoA	-7,413	-0,048	0,300
CHR14	2333523	CHR14:2333523	SSF x Near_LoA	-8,345	-0,064	0,293
CHR14	2333527	CHR14:2333527	SSF x Near_LoA	-10,093	-0,030	0,283
CHR14	2333747	CHR14:2333747	SSF x Near_LoA	-11,230	0,041	0,287
CHR14	2333773	CHR14:2333773	SSF x Near_LoA	-6,562	-0,055	0,292
CHR14	2348462	CHR14:2348462	SSF x Near_LoA	-5,167	0,172	0,283
CHR14	2348589	CHR14:2348589	SSF x Near_LoA	-8,119	0,091	0,283
CHR14	2348717	CHR14:2348717	SSF x Near_LoA	-4,661	-0,095	0,290
CHR14	2382864	CHR14:2382864	SSF x Near_LoA	-6,277	-0,139	0,272
CHR14	2382903	CHR14:2382903	SSF x Near_LoA	-7,773	-0,095	0,290
CHR14	2382942	CHR14:2382942	SSF x Near_LoA	-7,629	-0,075	0,292
CHR14	2389702	CHR14:2389702	SSF x Near_LoA	-9,941	0,077	0,286
CHR14	2391923	CHR14:2391923	SSF x Near_LoA	-8,267	0,049	0,294
CHR14	2391935	CHR14:2391935	SSF x Near_LoA	-7,919	0,028	0,294
CHR14	2392014	CHR14:2392014	SSF x Near_LoA	-8,260	0,074	0,295
CHR14	2392073	CHR14:2392073	SSF x Near_LoA	-4,727	0,106	0,285
CHR14	2392076	CHR14:2392076	SSF x Near_LoA	-8,026	0,032	0,299
CHR14	2392181	CHR14:2392181	SSF x Near_LoA	-10,409	0,014	0,283
CHR14	2393576	CHR14:2393576	SSF x Near_LoA	-7,163	0,070	0,273
CHR14	2395116	CHR14:2395116	SSF x Near_LoA	-8,141	0,023	0,279
CHR14	2413985	CHR14:2413985	SSF x Near_LoA	-8,098	0,116	0,285
CHR14	2414004	CHR14:2414004	SSF x Near_LoA	-4,752	0,092	0,285
CHR14	2414026	CHR14:2414026	SSF x Near_LoA	-8,764	0,099	0,289
CHR14	2414091	CHR14:2414091	SSF x Near_LoA	-7,401	0,101	0,286
CHR14	2414241	CHR14:2414241	SSF x Near_LoA	-6,972	-0,105	0,289
CHR14	2473967	CHR14:2473967	SSF x Near_LoA	-7,545	0,059	0,276
CHR14	2485495	CHR14:2485495	SSF x Near_LoA	-8,481	-0,122	0,279
CHR14	2485525	CHR14:2485525	SSF x Near_LoA	-9,707	0,052	0,279
CHR14	2485609	CHR14:2485609	SSF x Near_LoA	-7,764	0,007	0,284
CHR14	2485643	CHR14:2485643	SSF x Near_LoA	-7,667	-0,005	0,273
CHR14	2485736	CHR14:2485736	SSF x Near_LoA	-7,645	0,046	0,262
CHR14	2489784	CHR14:2489784	SSF x Near_LoA	-8,812	0,030	0,287
CHR14	2489792	CHR14:2489792	SSF x Near_LoA	-7,305	0,003	0,301
CHR14	2490076	CHR14:2490076	SSF x Near_LoA	-9,444	-0,117	0,272
CHR14	2490090	CHR14:2490090	SSF x Near_LoA	-5,676	-0,157	0,267
CHR14	2490099	CHR14:2490099	SSF x Near_LoA	-9,412	-0,036	0,298
CHR14	2495966	CHR14:2495966	SSF x Near_LoA	-4,237	0,088	0,308
CHR14	2496013	CHR14:2496013	SSF x Near_LoA	-6,859	0,018	0,305
CHR14	2496028	CHR14:2496028	SSF x Near_LoA	-6,890	0,040	0,284
CHR14	2496040	CHR14:2496040	SSF x Near_LoA	-8,097	-0,074	0,274
CHR14	2499222	CHR14:2499222	SSF x Near_LoA	-7,488	-0,093	0,291
CHR14	2499242	CHR14:2499242	SSF x Near_LoA	-8,217	-0,002	0,299
CHR14	2499273	CHR14:2499273	SSF x Near_LoA	-8,899	0,055	0,279
CHR14	2499305	CHR14:2499305	SSF x Near_LoA	-6,459	-0,031	0,298
CHR14	2499329	CHR14:2499329	SSF x Near_LoA	-6,588	-0,012	0,309
CHR14	2499335	CHR14:2499335	SSF x Near_LoA	-8,621	-0,014	0,291
CHR14	2522480	CHR14:2522480	SSF x Near_LoA	-7,111	0,015	0,286

CHR14	2522510	CHR14:2522510	SSF x Near_LoA	-4,941	0,044	0,285
CHR14	2525153	CHR14:2525153	SSF x Near_LoA	-8,477	0,006	0,287
CHR14	2525234	CHR14:2525234	SSF x Near_LoA	-8,326	-0,004	0,291
CHR14	2525261	CHR14:2525261	SSF x Near_LoA	-8,731	-0,033	0,297
CHR14	2528606	CHR14:2528606	SSF x Near_LoA	-10,054	0,076	0,272
CHR14	2528652	CHR14:2528652	SSF x Near_LoA	-6,817	-0,104	0,291
CHR14	2528761	CHR14:2528761	SSF x Near_LoA	-4,830	0,030	0,282
CHR14	2529526	CHR14:2529526	SSF x Near_LoA	-7,357	0,005	0,287
CHR14	2533659	CHR14:2533659	SSF x Near_LoA	-10,400	-0,043	0,290
CHR14	2535188	CHR14:2535188	SSF x Near_LoA	4,398	0,178	0,272
CHR14	2536568	CHR14:2536568	SSF x Near_LoA	-7,261	-0,041	0,287
CHR14	2536653	CHR14:2536653	SSF x Near_LoA	-8,716	-0,025	0,289
CHR14	2536655	CHR14:2536655	SSF x Near_LoA	-6,546	0,006	0,296
CHR14	2536682	CHR14:2536682	SSF x Near_LoA	-8,405	-0,056	0,295
CHR14	2536723	CHR14:2536723	SSF x Near_LoA	-9,237	-0,083	0,288
CHR14	2542581	CHR14:2542581	SSF x Near_LoA	-9,663	0,073	0,280
CHR14	2565412	CHR14:2565412	SSF x Near_LoA	-7,533	-0,081	0,287
CHR14	2578280	CHR14:2578280	SSF x Near_LoA	-6,167	-0,145	0,282
CHR14	2590259	CHR14:2590259	SSF x Near_LoA	-5,136	0,194	0,264
CHR14	2590317	CHR14:2590317	SSF x Near_LoA	-8,260	-0,089	0,273
CHR14	2591966	CHR14:2591966	SSF x Near_LoA	-6,984	-0,161	0,287
CHR14	2591988	CHR14:2591988	SSF x Near_LoA	-7,110	0,071	0,292
CHR14	2592009	CHR14:2592009	SSF x Near_LoA	-8,335	0,090	0,303
CHR14	2592068	CHR14:2592068	SSF x Near_LoA	-9,887	-0,036	0,285
CHR14	2592128	CHR14:2592128	SSF x Near_LoA	-7,161	-0,051	0,306
CHR14	2592170	CHR14:2592170	SSF x Near_LoA	-10,104	0,018	0,295
CHR14	2592196	CHR14:2592196	SSF x Near_LoA	-9,432	-0,012	0,285
CHR14	2592202	CHR14:2592202	SSF x Near_LoA	-7,277	0,138	0,275
CHR14	2625396	CHR14:2625396	SSF x Near_LoA	-10,744	0,041	0,272
CHR14	2637166	CHR14:2637166	SSF x Near_LoA	-1,692	-0,076	0,294
CHR14	2637417	CHR14:2637417	SSF x Near_LoA	-7,944	0,190	0,267
CHR14	2637424	CHR14:2637424	SSF x Near_LoA	-8,141	-0,001	0,293
CHR14	2637445	CHR14:2637445	SSF x Near_LoA	-7,404	0,190	0,266
CHR14	2653732	CHR14:2653732	SSF x Near_LoA	-6,519	-0,085	0,291
CHR14	2653742	CHR14:2653742	SSF x Near_LoA	-7,680	0,038	0,287
CHR14	2653747	CHR14:2653747	SSF x Near_LoA	-7,185	-0,117	0,290
CHR14	2655192	CHR14:2655192	SSF x Near_LoA	-6,888	0,043	0,290
CHR14	2655205	CHR14:2655205	SSF x Near_LoA	-9,699	0,029	0,300
CHR14	2655273	CHR14:2655273	SSF x Near_LoA	-8,068	0,014	0,285
CHR14	2655281	CHR14:2655281	SSF x Near_LoA	-8,821	-0,047	0,302
CHR14	2655287	CHR14:2655287	SSF x Near_LoA	-6,512	0,036	0,280
CHR14	2663232	CHR14:2663232	SSF x Near_LoA	-10,519	0,087	0,283
CHR14	2663377	CHR14:2663377	SSF x Near_LoA	-10,582	-0,070	0,274
CHR14	2679541	CHR14:2679541	SSF x Near_LoA	-7,228	0,138	0,280
CHR14	2679645	CHR14:2679645	SSF x Near_LoA	-8,416	0,025	0,290
CHR14	2687668	CHR14:2687668	SSF x Near_LoA	-7,586	0,145	0,282
CHR14	2717472	CHR14:2717472	SSF x Near_LoA	-6,429	0,116	0,292
CHR14	2717534	CHR14:2717534	SSF x Near_LoA	-6,333	0,108	0,277
CHR14	2717537	CHR14:2717537	SSF x Near_LoA	-6,452	0,097	0,274
CHR14	2717541	CHR14:2717541	SSF x Near_LoA	-9,369	0,042	0,294
CHR14	2717553	CHR14:2717553	SSF x Near_LoA	-6,667	0,097	0,282
CHR14	2717672	CHR14:2717672	SSF x Near_LoA	-7,350	-0,121	0,281
CHR14	2717689	CHR14:2717689	SSF x Near_LoA	-4,587	-0,148	0,278

CHR14	2733070	CHR14:2733070	SSF x Near_LoA	-4,739	-0,174	0,296
CHR14	2733106	CHR14:2733106	SSF x Near_LoA	-6,546	-0,102	0,297
CHR14	2733199	CHR14:2733199	SSF x Near_LoA	-10,386	0,008	0,285
CHR14	2733266	CHR14:2733266	SSF x Near_LoA	-10,788	-0,020	0,279
CHR14	2733267	CHR14:2733267	SSF x Near_LoA	-8,967	0,067	0,283
CHR14	2733268	CHR14:2733268	SSF x Near_LoA	-8,938	0,077	0,283
CHR14	2733363	CHR14:2733363	SSF x Near_LoA	-8,030	0,083	0,276
CHR14	2745974	CHR14:2745974	SSF x Near_LoA	-8,810	-0,019	0,296
CHR14	2746201	CHR14:2746201	SSF x Near_LoA	-3,753	0,123	0,265
CHR14	2761104	CHR14:2761104	SSF x Near_LoA	-5,731	-0,179	0,286
CHR14	2761219	CHR14:2761219	SSF x Near_LoA	-6,986	-0,227	0,284
CHR14	2761232	CHR14:2761232	SSF x Near_LoA	-7,402	-0,111	0,280
CHR14	2779912	CHR14:2779912	SSF x Near_LoA	-10,152	0,043	0,270
CHR14	2779955	CHR14:2779955	SSF x Near_LoA	-9,447	0,087	0,302
CHR14	2780034	CHR14:2780034	SSF x Near_LoA	1,137	-0,305	0,265
CHR14	2780035	CHR14:2780035	SSF x Near_LoA	-4,497	-0,246	0,266
CHR14	2780189	CHR14:2780189	SSF x Near_LoA	-2,609	0,190	0,259
CHR14	2781945	CHR14:2781945	SSF x Near_LoA	-7,573	-0,072	0,295
CHR14	2782005	CHR14:2782005	SSF x Near_LoA	-3,801	0,144	0,273
CHR14	2782918	CHR14:2782918	SSF x Near_LoA	-7,906	0,144	0,281
CHR14	2782930	CHR14:2782930	SSF x Near_LoA	-7,511	-0,131	0,282
CHR14	2782951	CHR14:2782951	SSF x Near_LoA	-8,176	0,029	0,280
CHR14	2782999	CHR14:2782999	SSF x Near_LoA	-3,890	-0,166	0,287
CHR14	2784686	CHR14:2784686	SSF x Near_LoA	-7,668	-0,110	0,283
CHR14	2784747	CHR14:2784747	SSF x Near_LoA	-6,472	-0,001	0,287
CHR14	2784749	CHR14:2784749	SSF x Near_LoA	-7,893	0,100	0,279
CHR14	2811577	CHR14:2811577	SSF x Near_LoA	-9,498	0,079	0,295
CHR14	2811605	CHR14:2811605	SSF x Near_LoA	-8,589	0,093	0,280
CHR14	2817339	CHR14:2817339	SSF x Near_LoA	-5,906	-0,206	0,272
CHR14	2833306	CHR14:2833306	SSF x Near_LoA	-8,871	-0,069	0,300
CHR14	2833537	CHR14:2833537	SSF x Near_LoA	-9,953	-0,080	0,292
CHR14	2836213	CHR14:2836213	SSF x Near_LoA	-3,201	-0,255	0,259
CHR14	2842503	CHR14:2842503	SSF x Near_LoA	-6,092	-0,011	0,295
CHR14	2842570	CHR14:2842570	SSF x Near_LoA	-4,536	-0,196	0,276
CHR14	2851594	CHR14:2851594	SSF x Near_LoA	-9,283	0,027	0,287
CHR14	2851622	CHR14:2851622	SSF x Near_LoA	-6,018	-0,100	0,278
CHR14	2851713	CHR14:2851713	SSF x Near_LoA	-7,587	0,074	0,278
CHR14	2851749	CHR14:2851749	SSF x Near_LoA	-8,089	0,042	0,278
CHR14	2867406	CHR14:2867406	SSF x Near_LoA	-5,289	-0,187	0,263
CHR14	2867595	CHR14:2867595	SSF x Near_LoA	-4,497	0,139	0,254
CHR14	2876019	CHR14:2876019	SSF x Near_LoA	-9,818	0,075	0,288
CHR14	2876130	CHR14:2876130	SSF x Near_LoA	-8,320	0,097	0,295
CHR14	2876164	CHR14:2876164	SSF x Near_LoA	-8,973	-0,031	0,291
CHR14	2892223	CHR14:2892223	SSF x Near_LoA	-7,784	0,074	0,298
CHR14	2892295	CHR14:2892295	SSF x Near_LoA	-3,550	-0,226	0,276
CHR14	2927857	CHR14:2927857	SSF x Near_LoA	-9,830	-0,011	0,279
CHR14	2927881	CHR14:2927881	SSF x Near_LoA	-6,200	0,131	0,293
CHR14	2927894	CHR14:2927894	SSF x Near_LoA	-7,910	0,051	0,290
CHR14	2934811	CHR14:2934811	SSF x Near_LoA	-7,956	0,127	0,272
CHR14	2934824	CHR14:2934824	SSF x Near_LoA	5,582	-0,024	0,284
CHR14	2934835	CHR14:2934835	SSF x Near_LoA	-8,294	0,034	0,295
CHR14	2947831	CHR14:2947831	SSF x Near_LoA	-7,260	-0,011	0,292
CHR14	2947930	CHR14:2947930	SSF x Near_LoA	-8,741	0,037	0,280

CHR14	2948020	CHR14:2948020	SSF x Near_LoA	-8,092	-0,049	0,283
CHR14	2954222	CHR14:2954222	SSF x Near_LoA	-10,114	0,051	0,280
CHR14	2954262	CHR14:2954262	SSF x Near_LoA	-9,501	0,057	0,290
CHR14	2956761	CHR14:2956761	SSF x Near_LoA	-7,430	0,148	0,292
CHR14	2959230	CHR14:2959230	SSF x Near_LoA	-8,405	-0,075	0,297
CHR14	2959328	CHR14:2959328	SSF x Near_LoA	-4,344	0,198	0,259
CHR14	2959419	CHR14:2959419	SSF x Near_LoA	-8,645	-0,037	0,279
CHR14	2959428	CHR14:2959428	SSF x Near_LoA	-5,990	-0,074	0,295
CHR14	2959469	CHR14:2959469	SSF x Near_LoA	-9,307	-0,134	0,281
CHR14	2977445	CHR14:2977445	SSF x Near_LoA	-5,821	0,171	0,277
CHR14	2978423	CHR14:2978423	SSF x Near_LoA	-6,347	-0,086	0,288
CHR14	2988203	CHR14:2988203	SSF x Near_LoA	-2,308	-0,065	0,293
CHR14	2988407	CHR14:2988407	SSF x Near_LoA	-4,252	0,031	0,277
CHR14	2988441	CHR14:2988441	SSF x Near_LoA	-7,140	0,131	0,283
CHR14	2995251	CHR14:2995251	SSF x Near_LoA	-6,990	0,045	0,274
CHR14	2995263	CHR14:2995263	SSF x Near_LoA	-9,765	0,077	0,269
CHR14	2995288	CHR14:2995288	SSF x Near_LoA	-6,814	0,056	0,302
CHR14	2995415	CHR14:2995415	SSF x Near_LoA	-7,001	0,110	0,277
CHR14	2995431	CHR14:2995431	SSF x Near_LoA	-9,457	0,063	0,278
CHR14	2995469	CHR14:2995469	SSF x Near_LoA	-9,148	0,023	0,292
CHR14	3002726	CHR14:3002726	SSF x Near_LoA	-7,037	0,008	0,293
CHR14	3002736	CHR14:3002736	SSF x Near_LoA	-7,083	-0,184	0,280
CHR14	3002770	CHR14:3002770	SSF x Near_LoA	-7,650	-0,097	0,286
CHR14	3011874	CHR14:3011874	SSF x Near_LoA	-9,818	-0,052	0,292
CHR14	3011894	CHR14:3011894	SSF x Near_LoA	-7,532	0,034	0,272
CHR14	3012026	CHR14:3012026	SSF x Near_LoA	-4,940	-0,203	0,277
CHR14	3012043	CHR14:3012043	SSF x Near_LoA	-8,587	-0,014	0,290
CHR14	3012087	CHR14:3012087	SSF x Near_LoA	-6,780	0,011	0,295
CHR14	3012088	CHR14:3012088	SSF x Near_LoA	-9,666	-0,089	0,286
CHR14	3012108	CHR14:3012108	SSF x Near_LoA	-9,265	0,028	0,276
CHR14	3012124	CHR14:3012124	SSF x Near_LoA	-5,630	-0,018	0,269
CHR14	3012128	CHR14:3012128	SSF x Near_LoA	-8,311	-0,022	0,279
CHR14	3019209	CHR14:3019209	SSF x Near_LoA	-7,315	0,001	0,286
CHR14	3019259	CHR14:3019259	SSF x Near_LoA	-2,658	0,241	0,260
CHR14	3019369	CHR14:3019369	SSF x Near_LoA	-3,996	0,230	0,261
CHR14	3019376	CHR14:3019376	SSF x Near_LoA	-8,352	-0,078	0,283
CHR14	3019416	CHR14:3019416	SSF x Near_LoA	-8,474	0,093	0,284
CHR14	3019442	CHR14:3019442	SSF x Near_LoA	-4,995	0,170	0,275
CHR14	3019465	CHR14:3019465	SSF x Near_LoA	-9,057	-0,020	0,297
CHR14	3019473	CHR14:3019473	SSF x Near_LoA	-8,605	-0,023	0,297
CHR14	3026031	CHR14:3026031	SSF x Near_LoA	-9,506	-0,094	0,279
CHR14	3048420	CHR14:3048420	SSF x Near_LoA	-8,780	-0,051	0,270
CHR14	3048445	CHR14:3048445	SSF x Near_LoA	-10,203	-0,013	0,298
CHR14	3055076	CHR14:3055076	SSF x Near_LoA	-8,241	-0,090	0,298
CHR14	3055204	CHR14:3055204	SSF x Near_LoA	-5,255	0,202	0,293
CHR14	3060938	CHR14:3060938	SSF x Near_LoA	-7,053	0,069	0,275
CHR14	3061077	CHR14:3061077	SSF x Near_LoA	-8,080	-0,111	0,274
CHR14	3113485	CHR14:3113485	SSF x Near_LoA	-9,519	0,077	0,279
CHR14	3113493	CHR14:3113493	SSF x Near_LoA	-9,997	-0,056	0,291
CHR14	3113497	CHR14:3113497	SSF x Near_LoA	-6,179	-0,081	0,297
CHR14	3113502	CHR14:3113502	SSF x Near_LoA	-9,164	0,045	0,276
CHR14	3113506	CHR14:3113506	SSF x Near_LoA	-8,612	0,010	0,298
CHR14	3113510	CHR14:3113510	SSF x Near_LoA	-7,584	0,048	0,296

CHR14	3113576	CHR14:3113576	SSF x Near_LoA	-9,052	-0,091	0,294
CHR14	3115923	CHR14:3115923	SSF x Near_LoA	-3,882	-0,143	0,289
CHR14	3116016	CHR14:3116016	SSF x Near_LoA	-4,641	-0,202	0,278
CHR14	3116067	CHR14:3116067	SSF x Near_LoA	-9,528	0,006	0,282
CHR14	3116104	CHR14:3116104	SSF x Near_LoA	-7,988	-0,100	0,286
CHR14	3116150	CHR14:3116150	SSF x Near_LoA	-9,280	0,116	0,284
CHR14	3116175	CHR14:3116175	SSF x Near_LoA	-8,148	-0,009	0,289
CHR14	3120852	CHR14:3120852	SSF x Near_LoA	-6,192	0,034	0,298
CHR14	3120856	CHR14:3120856	SSF x Near_LoA	-7,465	0,019	0,297
CHR14	3120903	CHR14:3120903	SSF x Near_LoA	-10,618	-0,070	0,293
CHR14	3128007	CHR14:3128007	SSF x Near_LoA	-3,150	-0,225	0,275
CHR14	3128067	CHR14:3128067	SSF x Near_LoA	-10,409	-0,108	0,280
CHR14	3128106	CHR14:3128106	SSF x Near_LoA	-9,539	0,041	0,279
CHR14	3128211	CHR14:3128211	SSF x Near_LoA	-7,486	0,087	0,292
CHR14	3129364	CHR14:3129364	SSF x Near_LoA	-10,838	-0,046	0,290
CHR14	3129379	CHR14:3129379	SSF x Near_LoA	-10,909	0,096	0,275
CHR14	3129417	CHR14:3129417	SSF x Near_LoA	-7,183	-0,041	0,293
CHR14	3129464	CHR14:3129464	SSF x Near_LoA	-8,704	0,016	0,289
CHR14	3129471	CHR14:3129471	SSF x Near_LoA	-7,579	0,124	0,283
CHR14	3129599	CHR14:3129599	SSF x Near_LoA	-6,483	0,183	0,272
CHR14	3129672	CHR14:3129672	SSF x Near_LoA	-6,296	0,123	0,291
CHR14	3129680	CHR14:3129680	SSF x Near_LoA	-8,008	-0,121	0,273
CHR14	3129687	CHR14:3129687	SSF x Near_LoA	-7,487	-0,052	0,296
CHR14	3138600	CHR14:3138600	SSF x Near_LoA	-7,911	0,044	0,283
CHR14	3138739	CHR14:3138739	SSF x Near_LoA	-7,668	0,096	0,278
CHR14	3138840	CHR14:3138840	SSF x Near_LoA	-8,460	-0,021	0,276
CHR14	3138860	CHR14:3138860	SSF x Near_LoA	-7,715	-0,006	0,301
CHR14	3138886	CHR14:3138886	SSF x Near_LoA	-5,875	-0,181	0,281
CHR14	3147424	CHR14:3147424	SSF x Near_LoA	-5,737	0,068	0,260
CHR14	3169065	CHR14:3169065	SSF x Near_LoA	-7,948	0,065	0,296
CHR14	3169159	CHR14:3169159	SSF x Near_LoA	-9,171	-0,029	0,303
CHR14	3169162	CHR14:3169162	SSF x Near_LoA	-7,805	0,055	0,287
CHR14	3177156	CHR14:3177156	SSF x Near_LoA	-7,978	0,059	0,273
CHR14	3177157	CHR14:3177157	SSF x Near_LoA	-6,125	0,055	0,274
CHR14	3179237	CHR14:3179237	SSF x Near_LoA	-9,408	-0,005	0,288
CHR14	3179369	CHR14:3179369	SSF x Near_LoA	-8,905	0,010	0,281
CHR14	3200467	CHR14:3200467	SSF x Near_LoA	-7,313	-0,136	0,285
CHR14	3200597	CHR14:3200597	SSF x Near_LoA	-8,204	0,010	0,291
CHR14	3210207	CHR14:3210207	SSF x Near_LoA	-7,458	-0,086	0,272
CHR14	3210244	CHR14:3210244	SSF x Near_LoA	-7,742	-0,193	0,274
CHR14	3210359	CHR14:3210359	SSF x Near_LoA	-9,689	-0,067	0,294
CHR14	3210382	CHR14:3210382	SSF x Near_LoA	-8,055	-0,070	0,289
CHR14	3211926	CHR14:3211926	SSF x Near_LoA	-4,053	-0,030	0,278
CHR14	3211994	CHR14:3211994	SSF x Near_LoA	-0,639	-0,185	0,280
CHR14	3217333	CHR14:3217333	SSF x Near_LoA	-7,217	0,075	0,296
CHR14	3218925	CHR14:3218925	SSF x Near_LoA	-7,930	0,162	0,291
CHR14	3218954	CHR14:3218954	SSF x Near_LoA	-5,983	0,174	0,276
CHR14	3219030	CHR14:3219030	SSF x Near_LoA	-8,055	0,114	0,290
CHR14	3219145	CHR14:3219145	SSF x Near_LoA	-6,860	-0,115	0,294
CHR14	3227296	CHR14:3227296	SSF x Near_LoA	-7,975	-0,172	0,277
CHR14	3256884	CHR14:3256884	SSF x Near_LoA	-7,358	-0,179	0,291
CHR14	328199	CHR14:328199	SSF x Near_LoA	-7,276	-0,147	0,287
CHR14	3285500	CHR14:3285500	SSF x Near_LoA	-9,353	0,156	0,272

CHR14	3299184	CHR14:3299184	SSF x Near_LoA	-6,262	0,121	0,291
CHR14	3314171	CHR14:3314171	SSF x Near_LoA	-5,278	0,134	0,273
CHR14	3314188	CHR14:3314188	SSF x Near_LoA	-6,791	-0,066	0,276
CHR14	3314206	CHR14:3314206	SSF x Near_LoA	-7,221	-0,082	0,287
CHR14	3314242	CHR14:3314242	SSF x Near_LoA	-7,200	0,021	0,297
CHR14	3314299	CHR14:3314299	SSF x Near_LoA	-8,469	-0,034	0,294
CHR14	3354262	CHR14:3354262	SSF x Near_LoA	-9,798	0,071	0,277
CHR14	3354322	CHR14:3354322	SSF x Near_LoA	-7,635	-0,126	0,281
CHR14	3354326	CHR14:3354326	SSF x Near_LoA	-8,714	0,105	0,267
CHR14	3354350	CHR14:3354350	SSF x Near_LoA	-8,014	0,021	0,275
CHR14	3354368	CHR14:3354368	SSF x Near_LoA	-9,235	-0,021	0,299
CHR14	3357770	CHR14:3357770	SSF x Near_LoA	-7,036	-0,022	0,287
CHR14	3374333	CHR14:3374333	SSF x Near_LoA	-6,206	-0,072	0,295
CHR14	3374336	CHR14:3374336	SSF x Near_LoA	-2,534	-0,148	0,283
CHR14	3376432	CHR14:3376432	SSF x Near_LoA	-9,221	0,022	0,286
CHR14	3376493	CHR14:3376493	SSF x Near_LoA	-9,910	-0,011	0,295
CHR14	3376495	CHR14:3376495	SSF x Near_LoA	-8,342	0,036	0,278
CHR14	3388872	CHR14:3388872	SSF x Near_LoA	-4,395	-0,153	0,283
CHR14	3388944	CHR14:3388944	SSF x Near_LoA	-9,081	-0,050	0,288
CHR14	3388986	CHR14:3388986	SSF x Near_LoA	-9,931	0,046	0,276
CHR14	3389055	CHR14:3389055	SSF x Near_LoA	-7,435	0,097	0,285
CHR14	3389111	CHR14:3389111	SSF x Near_LoA	-8,967	0,069	0,300
CHR14	3389138	CHR14:3389138	SSF x Near_LoA	-8,080	-0,019	0,284
CHR14	3389145	CHR14:3389145	SSF x Near_LoA	-7,821	0,082	0,299
CHR14	3389146	CHR14:3389146	SSF x Near_LoA	-7,750	0,003	0,287
CHR14	3397043	CHR14:3397043	SSF x Near_LoA	-6,670	-0,166	0,279
CHR14	3397083	CHR14:3397083	SSF x Near_LoA	-5,567	-0,200	0,283
CHR14	3397584	CHR14:3397584	SSF x Near_LoA	-8,989	0,026	0,287
CHR14	3397651	CHR14:3397651	SSF x Near_LoA	-10,002	-0,046	0,286
CHR14	3397654	CHR14:3397654	SSF x Near_LoA	-8,043	0,029	0,288
CHR14	3397687	CHR14:3397687	SSF x Near_LoA	-9,670	0,006	0,290
CHR14	3406805	CHR14:3406805	SSF x Near_LoA	-9,257	-0,130	0,286
CHR14	3406838	CHR14:3406838	SSF x Near_LoA	-5,633	0,125	0,284
CHR14	3406968	CHR14:3406968	SSF x Near_LoA	-7,717	-0,136	0,283
CHR14	3408818	CHR14:3408818	SSF x Near_LoA	-6,053	0,104	0,275
CHR14	3408879	CHR14:3408879	SSF x Near_LoA	-6,979	-0,119	0,292
CHR14	3409043	CHR14:3409043	SSF x Near_LoA	-9,481	0,048	0,281
CHR14	3411797	CHR14:3411797	SSF x Near_LoA	-7,922	0,010	0,293
CHR14	3411810	CHR14:3411810	SSF x Near_LoA	-9,188	0,051	0,297
CHR14	3411933	CHR14:3411933	SSF x Near_LoA	-3,679	-0,092	0,285
CHR14	3415580	CHR14:3415580	SSF x Near_LoA	-6,963	0,084	0,289
CHR14	3417478	CHR14:3417478	SSF x Near_LoA	-8,616	0,095	0,289
CHR14	3423675	CHR14:3423675	SSF x Near_LoA	-8,408	-0,107	0,278
CHR14	3426326	CHR14:3426326	SSF x Near_LoA	-10,084	0,108	0,287
CHR14	3429187	CHR14:3429187	SSF x Near_LoA	-9,698	-0,128	0,279
CHR14	3429321	CHR14:3429321	SSF x Near_LoA	-2,261	-0,185	0,288
CHR14	3431284	CHR14:3431284	SSF x Near_LoA	-6,588	-0,187	0,287
CHR14	3431326	CHR14:3431326	SSF x Near_LoA	-3,715	0,174	0,273
CHR14	3431347	CHR14:3431347	SSF x Near_LoA	-8,702	-0,106	0,283
CHR14	3433413	CHR14:3433413	SSF x Near_LoA	-8,418	0,019	0,300
CHR14	3433432	CHR14:3433432	SSF x Near_LoA	-1,119	0,163	0,277
CHR14	3444882	CHR14:3444882	SSF x Near_LoA	-7,774	0,017	0,291
CHR14	3444910	CHR14:3444910	SSF x Near_LoA	-7,430	0,023	0,297

CHR14	3444927	CHR14:3444927	SSF x Near_LoA	-6,816	-0,149	0,294
CHR14	3453640	CHR14:3453640	SSF x Near_LoA	-5,739	-0,124	0,284
CHR14	3456455	CHR14:3456455	SSF x Near_LoA	-7,355	0,175	0,278
CHR14	3456533	CHR14:3456533	SSF x Near_LoA	-8,077	-0,106	0,289
CHR14	3456585	CHR14:3456585	SSF x Near_LoA	-7,881	0,046	0,278
CHR14	3456710	CHR14:3456710	SSF x Near_LoA	-8,320	-0,007	0,282
CHR14	3458908	CHR14:3458908	SSF x Near_LoA	-8,574	-0,072	0,275
CHR14	3458916	CHR14:3458916	SSF x Near_LoA	-6,744	0,128	0,269
CHR14	3459127	CHR14:3459127	SSF x Near_LoA	-7,598	0,131	0,283
CHR14	3474325	CHR14:3474325	SSF x Near_LoA	-9,168	-0,073	0,284
CHR14	3474471	CHR14:3474471	SSF x Near_LoA	-8,844	-0,157	0,277
CHR14	3511560	CHR14:3511560	SSF x Near_LoA	-8,925	0,097	0,293
CHR14	3511581	CHR14:3511581	SSF x Near_LoA	-5,934	0,001	0,284
CHR14	3512063	CHR14:3512063	SSF x Near_LoA	-6,410	0,091	0,281
CHR14	3517120	CHR14:3517120	SSF x Near_LoA	-10,566	-0,017	0,279
CHR14	3517121	CHR14:3517121	SSF x Near_LoA	-8,253	-0,002	0,278
CHR14	3517127	CHR14:3517127	SSF x Near_LoA	-7,795	-0,016	0,290
CHR14	3517374	CHR14:3517374	SSF x Near_LoA	-7,867	-0,045	0,283
CHR14	3535157	CHR14:3535157	SSF x Near_LoA	-6,329	0,034	0,300
CHR14	3535242	CHR14:3535242	SSF x Near_LoA	-5,157	-0,079	0,284
CHR14	3543528	CHR14:3543528	SSF x Near_LoA	-10,452	-0,067	0,285
CHR14	3543980	CHR14:3543980	SSF x Near_LoA	-7,587	0,066	0,295
CHR14	3544048	CHR14:3544048	SSF x Near_LoA	-7,820	-0,017	0,292
CHR14	3555816	CHR14:3555816	SSF x Near_LoA	-4,984	0,198	0,272
CHR14	3555843	CHR14:3555843	SSF x Near_LoA	-8,288	0,086	0,282
CHR14	3592515	CHR14:3592515	SSF x Near_LoA	-9,632	0,063	0,301
CHR14	3592581	CHR14:3592581	SSF x Near_LoA	-7,708	0,058	0,276
CHR14	3592591	CHR14:3592591	SSF x Near_LoA	-6,091	0,063	0,280
CHR14	3592598	CHR14:3592598	SSF x Near_LoA	-8,816	0,077	0,288
CHR14	3603052	CHR14:3603052	SSF x Near_LoA	-6,435	0,133	0,274
CHR14	3608223	CHR14:3608223	SSF x Near_LoA	-8,453	-0,061	0,287
CHR14	3611711	CHR14:3611711	SSF x Near_LoA	-9,876	-0,005	0,278
CHR14	3611764	CHR14:3611764	SSF x Near_LoA	-7,557	0,072	0,282
CHR14	3614924	CHR14:3614924	SSF x Near_LoA	-7,677	-0,096	0,302
CHR14	3621587	CHR14:3621587	SSF x Near_LoA	-8,971	0,002	0,275
CHR14	3621621	CHR14:3621621	SSF x Near_LoA	-10,197	-0,071	0,284
CHR14	3621770	CHR14:3621770	SSF x Near_LoA	-10,265	-0,015	0,296
CHR14	3621805	CHR14:3621805	SSF x Near_LoA	-5,918	-0,175	0,277
CHR14	3631455	CHR14:3631455	SSF x Near_LoA	-4,066	0,204	0,274
CHR14	3646458	CHR14:3646458	SSF x Near_LoA	-9,508	0,051	0,293
CHR14	3646563	CHR14:3646563	SSF x Near_LoA	-8,874	0,064	0,291
CHR14	3654084	CHR14:3654084	SSF x Near_LoA	-8,116	-0,033	0,285
CHR14	3654284	CHR14:3654284	SSF x Near_LoA	-7,492	0,003	0,286
CHR14	3654288	CHR14:3654288	SSF x Near_LoA	-7,416	0,029	0,295
CHR14	3654346	CHR14:3654346	SSF x Near_LoA	-8,979	0,067	0,270
CHR14	3661604	CHR14:3661604	SSF x Near_LoA	-10,648	0,069	0,283
CHR14	3661641	CHR14:3661641	SSF x Near_LoA	-5,919	-0,138	0,293
CHR14	3661665	CHR14:3661665	SSF x Near_LoA	-5,558	-0,178	0,278
CHR14	3661742	CHR14:3661742	SSF x Near_LoA	-8,134	0,054	0,296
CHR14	3661766	CHR14:3661766	SSF x Near_LoA	-7,360	-0,148	0,282
CHR14	3663398	CHR14:3663398	SSF x Near_LoA	-7,941	-0,181	0,290
CHR14	3663455	CHR14:3663455	SSF x Near_LoA	-8,437	-0,040	0,288
CHR14	3663568	CHR14:3663568	SSF x Near_LoA	-7,847	-0,069	0,279

CHR14	3663573	CHR14:3663573	SSF x Near_LoA	-9,867	-0,033	0,285
CHR14	3663582	CHR14:3663582	SSF x Near_LoA	-9,575	0,058	0,278
CHR14	3673672	CHR14:3673672	SSF x Near_LoA	-8,602	0,082	0,297
CHR14	3674191	CHR14:3674191	SSF x Near_LoA	-9,152	0,101	0,283
CHR14	3674296	CHR14:3674296	SSF x Near_LoA	-7,547	0,110	0,278
CHR14	3674355	CHR14:3674355	SSF x Near_LoA	-8,502	-0,040	0,277
CHR14	3676970	CHR14:3676970	SSF x Near_LoA	-10,355	-0,090	0,274
CHR14	3677063	CHR14:3677063	SSF x Near_LoA	-7,644	-0,082	0,278
CHR14	3677865	CHR14:3677865	SSF x Near_LoA	-8,713	0,025	0,295
CHR14	3677905	CHR14:3677905	SSF x Near_LoA	-5,673	-0,032	0,283
CHR14	368520	CHR14:368520	SSF x Near_LoA	-8,173	-0,034	0,293
CHR14	3685658	CHR14:3685658	SSF x Near_LoA	-4,028	0,121	0,289
CHR14	3685924	CHR14:3685924	SSF x Near_LoA	-9,577	-0,067	0,270
CHR14	3685931	CHR14:3685931	SSF x Near_LoA	-7,076	-0,065	0,293
CHR14	3686028	CHR14:3686028	SSF x Near_LoA	-5,928	0,071	0,286
CHR14	368725	CHR14:368725	SSF x Near_LoA	-4,865	-0,102	0,279
CHR14	368793	CHR14:368793	SSF x Near_LoA	-9,070	0,051	0,282
CHR14	3689425	CHR14:3689425	SSF x Near_LoA	-7,587	0,092	0,266
CHR14	3689483	CHR14:3689483	SSF x Near_LoA	-4,529	-0,141	0,299
CHR14	3699506	CHR14:3699506	SSF x Near_LoA	-8,274	-0,021	0,282
CHR14	3699529	CHR14:3699529	SSF x Near_LoA	-10,503	-0,068	0,286
CHR14	3706479	CHR14:3706479	SSF x Near_LoA	-5,970	-0,203	0,266
CHR14	3706497	CHR14:3706497	SSF x Near_LoA	-6,717	-0,033	0,288
CHR14	3706515	CHR14:3706515	SSF x Near_LoA	-8,128	-0,009	0,279
CHR14	3707795	CHR14:3707795	SSF x Near_LoA	-9,193	-0,001	0,296
CHR14	3707806	CHR14:3707806	SSF x Near_LoA	-8,307	0,106	0,300
CHR14	3707828	CHR14:3707828	SSF x Near_LoA	-8,861	-0,049	0,296
CHR14	3707859	CHR14:3707859	SSF x Near_LoA	-7,526	0,039	0,294
CHR14	3707873	CHR14:3707873	SSF x Near_LoA	-8,094	0,060	0,292
CHR14	3707954	CHR14:3707954	SSF x Near_LoA	-7,194	0,046	0,284
CHR14	3717453	CHR14:3717453	SSF x Near_LoA	-8,205	-0,196	0,274
CHR14	3720276	CHR14:3720276	SSF x Near_LoA	-9,634	-0,064	0,270
CHR14	3722380	CHR14:3722380	SSF x Near_LoA	-7,890	-0,061	0,282
CHR14	3722442	CHR14:3722442	SSF x Near_LoA	-6,652	0,071	0,292
CHR14	3722452	CHR14:3722452	SSF x Near_LoA	-7,154	0,125	0,279
CHR14	3723421	CHR14:3723421	SSF x Near_LoA	-11,168	-0,040	0,295
CHR14	3723461	CHR14:3723461	SSF x Near_LoA	-9,730	0,083	0,288
CHR14	3723492	CHR14:3723492	SSF x Near_LoA	-10,719	-0,071	0,289
CHR14	3743845	CHR14:3743845	SSF x Near_LoA	-9,418	-0,057	0,288
CHR14	3743942	CHR14:3743942	SSF x Near_LoA	-8,538	0,119	0,281
CHR14	3765601	CHR14:3765601	SSF x Near_LoA	-10,327	0,030	0,279
CHR14	3765739	CHR14:3765739	SSF x Near_LoA	-8,373	0,039	0,292
CHR14	3765754	CHR14:3765754	SSF x Near_LoA	-3,866	-0,154	0,278
CHR14	3765813	CHR14:3765813	SSF x Near_LoA	-6,695	-0,133	0,284
CHR14	3791684	CHR14:3791684	SSF x Near_LoA	-8,708	0,002	0,284
CHR14	3791813	CHR14:3791813	SSF x Near_LoA	-9,488	0,047	0,284
CHR14	3796929	CHR14:3796929	SSF x Near_LoA	-5,041	0,227	0,269
CHR14	3831298	CHR14:3831298	SSF x Near_LoA	-6,126	-0,073	0,271
CHR14	3869486	CHR14:3869486	SSF x Near_LoA	-8,386	-0,015	0,292
CHR14	3869547	CHR14:3869547	SSF x Near_LoA	-5,420	-0,154	0,295
CHR14	3869586	CHR14:3869586	SSF x Near_LoA	-6,152	0,102	0,280
CHR14	3904770	CHR14:3904770	SSF x Near_LoA	-9,599	0,052	0,281
CHR14	390495	CHR14:390495	SSF x Near_LoA	-8,603	0,002	0,290

CHR14	392016	CHR14:392016	SSF x Near_LoA	-10,615	0,056	0,282
CHR14	392064	CHR14:392064	SSF x Near_LoA	-8,251	0,100	0,287
CHR14	3921670	CHR14:3921670	SSF x Near_LoA	-9,845	-0,124	0,286
CHR14	3934103	CHR14:3934103	SSF x Near_LoA	-9,186	-0,109	0,275
CHR14	3934137	CHR14:3934137	SSF x Near_LoA	-0,402	0,299	0,269
CHR14	3934157	CHR14:3934157	SSF x Near_LoA	-6,234	-0,097	0,282
CHR14	3934160	CHR14:3934160	SSF x Near_LoA	-9,269	-0,034	0,273
CHR14	3934187	CHR14:3934187	SSF x Near_LoA	-7,291	0,015	0,295
CHR14	3934225	CHR14:3934225	SSF x Near_LoA	-6,879	-0,121	0,291
CHR14	3934268	CHR14:3934268	SSF x Near_LoA	-8,905	0,028	0,275
CHR14	3952139	CHR14:3952139	SSF x Near_LoA	-6,513	-0,079	0,285
CHR14	3955634	CHR14:3955634	SSF x Near_LoA	-8,816	0,061	0,299
CHR14	3955770	CHR14:3955770	SSF x Near_LoA	-6,498	-0,144	0,289
CHR14	3955835	CHR14:3955835	SSF x Near_LoA	-5,326	-0,208	0,268
CHR14	3966705	CHR14:3966705	SSF x Near_LoA	-9,372	0,061	0,287
CHR14	3973659	CHR14:3973659	SSF x Near_LoA	-9,355	0,070	0,279
CHR14	3974024	CHR14:3974024	SSF x Near_LoA	-6,728	-0,229	0,274
CHR14	3975303	CHR14:3975303	SSF x Near_LoA	-7,928	0,009	0,274
CHR14	3975310	CHR14:3975310	SSF x Near_LoA	-5,990	-0,043	0,274
CHR14	398772	CHR14:398772	SSF x Near_LoA	-9,375	0,050	0,291
CHR14	3997080	CHR14:3997080	SSF x Near_LoA	-5,413	0,063	0,277
CHR14	3999207	CHR14:3999207	SSF x Near_LoA	-8,739	0,037	0,290
CHR14	4010303	CHR14:4010303	SSF x Near_LoA	-7,707	-0,087	0,282
CHR14	4013693	CHR14:4013693	SSF x Near_LoA	-5,538	-0,159	0,292
CHR14	4028465	CHR14:4028465	SSF x Near_LoA	-10,004	-0,060	0,298
CHR14	4029052	CHR14:4029052	SSF x Near_LoA	-7,425	-0,132	0,289
CHR14	4032113	CHR14:4032113	SSF x Near_LoA	-7,306	-0,159	0,296
CHR14	4032146	CHR14:4032146	SSF x Near_LoA	-9,793	-0,019	0,303
CHR14	4032163	CHR14:4032163	SSF x Near_LoA	-4,686	-0,130	0,288
CHR14	4032213	CHR14:4032213	SSF x Near_LoA	-7,954	0,038	0,295
CHR14	4032239	CHR14:4032239	SSF x Near_LoA	-7,920	-0,015	0,296
CHR14	4032245	CHR14:4032245	SSF x Near_LoA	-7,642	0,065	0,295
CHR14	4032250	CHR14:4032250	SSF x Near_LoA	-10,322	-0,075	0,275
CHR14	4040371	CHR14:4040371	SSF x Near_LoA	-6,893	0,106	0,280
CHR14	4040377	CHR14:4040377	SSF x Near_LoA	-3,858	0,215	0,284
CHR14	4054010	CHR14:4054010	SSF x Near_LoA	-8,770	0,039	0,295
CHR14	4054155	CHR14:4054155	SSF x Near_LoA	-7,640	-0,104	0,282
CHR14	4054236	CHR14:4054236	SSF x Near_LoA	-7,675	-0,052	0,292
CHR14	4057371	CHR14:4057371	SSF x Near_LoA	-8,575	0,102	0,292
CHR14	4057434	CHR14:4057434	SSF x Near_LoA	-6,989	0,071	0,279
CHR14	4057515	CHR14:4057515	SSF x Near_LoA	-7,595	-0,018	0,290
CHR14	4057562	CHR14:4057562	SSF x Near_LoA	-8,797	0,152	0,274
CHR14	4057583	CHR14:4057583	SSF x Near_LoA	-8,818	-0,021	0,296
CHR14	4062196	CHR14:4062196	SSF x Near_LoA	-5,199	-0,104	0,285
CHR14	4065890	CHR14:4065890	SSF x Near_LoA	-7,403	0,020	0,293
CHR14	4065974	CHR14:4065974	SSF x Near_LoA	-8,317	0,137	0,283
CHR14	4086955	CHR14:4086955	SSF x Near_LoA	-6,693	0,086	0,290
CHR14	4086995	CHR14:4086995	SSF x Near_LoA	-7,068	0,053	0,287
CHR14	4087007	CHR14:4087007	SSF x Near_LoA	-7,337	-0,064	0,293
CHR14	4087045	CHR14:4087045	SSF x Near_LoA	-8,503	-0,052	0,277
CHR14	4087706	CHR14:4087706	SSF x Near_LoA	-8,600	-0,099	0,274
CHR14	4090218	CHR14:4090218	SSF x Near_LoA	-1,728	0,220	0,265
CHR14	4090239	CHR14:4090239	SSF x Near_LoA	-6,661	0,127	0,286

CHR14	4090273	CHR14:4090273	SSF x Near_LoA	-10,237	0,067	0,283
CHR14	4090321	CHR14:4090321	SSF x Near_LoA	-7,438	-0,048	0,284
CHR14	4090362	CHR14:4090362	SSF x Near_LoA	-2,591	0,257	0,266
CHR14	4090368	CHR14:4090368	SSF x Near_LoA	-2,008	0,195	0,277
CHR14	4092468	CHR14:4092468	SSF x Near_LoA	-8,397	-0,077	0,289
CHR14	4092510	CHR14:4092510	SSF x Near_LoA	-7,963	0,036	0,283
CHR14	4093607	CHR14:4093607	SSF x Near_LoA	-0,488	-0,149	0,280
CHR14	4093644	CHR14:4093644	SSF x Near_LoA	-6,569	0,012	0,302
CHR14	4098329	CHR14:4098329	SSF x Near_LoA	-6,814	0,150	0,262
CHR14	4098359	CHR14:4098359	SSF x Near_LoA	-6,687	0,110	0,291
CHR14	4118281	CHR14:4118281	SSF x Near_LoA	-10,487	0,022	0,281
CHR14	4118300	CHR14:4118300	SSF x Near_LoA	-6,914	-0,022	0,294
CHR14	4119221	CHR14:4119221	SSF x Near_LoA	-6,959	-0,029	0,289
CHR14	4119222	CHR14:4119222	SSF x Near_LoA	-7,432	-0,037	0,281
CHR14	4119238	CHR14:4119238	SSF x Near_LoA	-7,380	-0,100	0,277
CHR14	4119298	CHR14:4119298	SSF x Near_LoA	-6,968	-0,022	0,286
CHR14	4128782	CHR14:4128782	SSF x Near_LoA	-9,180	-0,145	0,288
CHR14	4129016	CHR14:4129016	SSF x Near_LoA	-8,797	-0,016	0,286
CHR14	4129052	CHR14:4129052	SSF x Near_LoA	-7,375	0,013	0,290
CHR14	4129062	CHR14:4129062	SSF x Near_LoA	-7,661	0,115	0,272
CHR14	4129069	CHR14:4129069	SSF x Near_LoA	-6,569	0,110	0,284
CHR14	4129070	CHR14:4129070	SSF x Near_LoA	-6,282	0,124	0,278
CHR14	4129073	CHR14:4129073	SSF x Near_LoA	-5,290	0,119	0,300
CHR14	4151398	CHR14:4151398	SSF x Near_LoA	-7,887	-0,062	0,296
CHR14	4151495	CHR14:4151495	SSF x Near_LoA	-3,701	0,251	0,267
CHR14	4151588	CHR14:4151588	SSF x Near_LoA	-7,341	0,052	0,302
CHR14	4160131	CHR14:4160131	SSF x Near_LoA	-9,778	0,001	0,285
CHR14	4160344	CHR14:4160344	SSF x Near_LoA	-8,674	-0,053	0,289
CHR14	4160373	CHR14:4160373	SSF x Near_LoA	-8,121	-0,046	0,277
CHR14	4160402	CHR14:4160402	SSF x Near_LoA	-7,506	-0,103	0,274
CHR14	4160408	CHR14:4160408	SSF x Near_LoA	-6,404	-0,061	0,298
CHR14	4160418	CHR14:4160418	SSF x Near_LoA	-6,103	-0,078	0,306
CHR14	4171914	CHR14:4171914	SSF x Near_LoA	-8,256	0,000	0,280
CHR14	4171924	CHR14:4171924	SSF x Near_LoA	-8,488	-0,078	0,293
CHR14	4196901	CHR14:4196901	SSF x Near_LoA	-8,239	-0,065	0,296
CHR14	4196903	CHR14:4196903	SSF x Near_LoA	-7,613	0,063	0,299
CHR14	4196917	CHR14:4196917	SSF x Near_LoA	-7,778	-0,077	0,283
CHR14	4196927	CHR14:4196927	SSF x Near_LoA	-7,449	-0,023	0,295
CHR14	4196978	CHR14:4196978	SSF x Near_LoA	-10,392	0,047	0,294
CHR14	4196989	CHR14:4196989	SSF x Near_LoA	-7,898	0,000	0,283
CHR14	4197022	CHR14:4197022	SSF x Near_LoA	-5,635	0,111	0,291
CHR14	4197049	CHR14:4197049	SSF x Near_LoA	-7,437	-0,037	0,291
CHR14	4214549	CHR14:4214549	SSF x Near_LoA	-6,820	0,146	0,280
CHR14	4214699	CHR14:4214699	SSF x Near_LoA	-5,552	-0,014	0,288
CHR14	4214792	CHR14:4214792	SSF x Near_LoA	-8,009	0,098	0,278
CHR14	4216717	CHR14:4216717	SSF x Near_LoA	-9,015	0,005	0,298
CHR14	4216730	CHR14:4216730	SSF x Near_LoA	-8,125	-0,032	0,286
CHR14	4216749	CHR14:4216749	SSF x Near_LoA	-9,404	0,023	0,300
CHR14	4216757	CHR14:4216757	SSF x Near_LoA	-9,018	0,086	0,287
CHR14	4216767	CHR14:4216767	SSF x Near_LoA	-5,055	0,068	0,289
CHR14	4216769	CHR14:4216769	SSF x Near_LoA	-9,715	0,065	0,293
CHR14	4222436	CHR14:4222436	SSF x Near_LoA	-10,204	-0,058	0,294
CHR14	4222458	CHR14:4222458	SSF x Near_LoA	-8,574	0,016	0,275

CHR14	4222507	CHR14:4222507	SSF x Near_LoA	-7,153	0,102	0,278
CHR14	4222522	CHR14:4222522	SSF x Near_LoA	-8,072	0,024	0,302
CHR14	4227916	CHR14:4227916	SSF x Near_LoA	-9,546	0,067	0,291
CHR14	4228073	CHR14:4228073	SSF x Near_LoA	-5,820	0,089	0,280
CHR14	4228158	CHR14:4228158	SSF x Near_LoA	-8,434	-0,132	0,266
CHR14	4244855	CHR14:4244855	SSF x Near_LoA	-7,646	-0,001	0,297
CHR14	4259151	CHR14:4259151	SSF x Near_LoA	-5,845	0,117	0,264
CHR14	4300735	CHR14:4300735	SSF x Near_LoA	-7,795	0,126	0,280
CHR14	4323780	CHR14:4323780	SSF x Near_LoA	-8,268	0,019	0,275
CHR14	4323847	CHR14:4323847	SSF x Near_LoA	-6,232	0,156	0,280
CHR14	4332480	CHR14:4332480	SSF x Near_LoA	-9,593	-0,096	0,285
CHR14	4332491	CHR14:4332491	SSF x Near_LoA	-5,267	-0,197	0,282
CHR14	4332642	CHR14:4332642	SSF x Near_LoA	-4,095	0,163	0,290
CHR14	4332860	CHR14:4332860	SSF x Near_LoA	-9,346	-0,080	0,275
CHR14	4361906	CHR14:4361906	SSF x Near_LoA	-8,439	-0,027	0,272
CHR14	4361913	CHR14:4361913	SSF x Near_LoA	-1,533	0,011	0,290
CHR14	4361931	CHR14:4361931	SSF x Near_LoA	-7,035	-0,026	0,280
CHR14	4380471	CHR14:4380471	SSF x Near_LoA	-7,838	-0,071	0,286
CHR14	4387587	CHR14:4387587	SSF x Near_LoA	-8,338	-0,119	0,279
CHR14	4414496	CHR14:4414496	SSF x Near_LoA	-5,133	-0,133	0,270
CHR14	4414610	CHR14:4414610	SSF x Near_LoA	-9,264	0,041	0,306
CHR14	4440657	CHR14:4440657	SSF x Near_LoA	-6,219	-0,145	0,274
CHR14	4440658	CHR14:4440658	SSF x Near_LoA	-6,855	-0,132	0,292
CHR14	4440696	CHR14:4440696	SSF x Near_LoA	-7,031	-0,131	0,269
CHR14	4440754	CHR14:4440754	SSF x Near_LoA	-5,859	-0,130	0,285
CHR14	4446958	CHR14:4446958	SSF x Near_LoA	-10,190	-0,031	0,281
CHR14	4452656	CHR14:4452656	SSF x Near_LoA	-6,824	0,104	0,288
CHR14	4452797	CHR14:4452797	SSF x Near_LoA	-7,586	0,066	0,308
CHR14	4452900	CHR14:4452900	SSF x Near_LoA	-6,988	-0,013	0,289
CHR14	4463338	CHR14:4463338	SSF x Near_LoA	-7,884	-0,064	0,307
CHR14	4464580	CHR14:4464580	SSF x Near_LoA	-9,172	0,000	0,281
CHR14	4464593	CHR14:4464593	SSF x Near_LoA	-9,500	-0,031	0,291
CHR14	4467219	CHR14:4467219	SSF x Near_LoA	-6,809	-0,175	0,289
CHR14	4467314	CHR14:4467314	SSF x Near_LoA	-7,498	-0,153	0,289
CHR14	4467364	CHR14:4467364	SSF x Near_LoA	-1,960	-0,192	0,265
CHR14	4481268	CHR14:4481268	SSF x Near_LoA	-3,627	0,246	0,263
CHR14	4482755	CHR14:4482755	SSF x Near_LoA	-10,245	-0,029	0,279
CHR14	4488659	CHR14:4488659	SSF x Near_LoA	-8,312	0,027	0,287
CHR14	4488886	CHR14:4488886	SSF x Near_LoA	-8,932	0,048	0,289
CHR14	4488942	CHR14:4488942	SSF x Near_LoA	-8,582	-0,077	0,294
CHR14	4495391	CHR14:4495391	SSF x Near_LoA	-6,430	0,154	0,290
CHR14	4495490	CHR14:4495490	SSF x Near_LoA	-6,941	0,176	0,282
CHR14	4507294	CHR14:4507294	SSF x Near_LoA	-8,845	0,012	0,284
CHR14	4507353	CHR14:4507353	SSF x Near_LoA	-8,693	0,017	0,273
CHR14	4523322	CHR14:4523322	SSF x Near_LoA	-9,250	-0,093	0,287
CHR14	4524597	CHR14:4524597	SSF x Near_LoA	-9,816	-0,003	0,287
CHR14	4540969	CHR14:4540969	SSF x Near_LoA	10,278	0,062	0,289
CHR14	4543358	CHR14:4543358	SSF x Near_LoA	-8,241	-0,047	0,302
CHR14	4543494	CHR14:4543494	SSF x Near_LoA	-8,777	-0,079	0,275
CHR14	4569789	CHR14:4569789	SSF x Near_LoA	-5,819	0,102	0,278
CHR14	4571756	CHR14:4571756	SSF x Near_LoA	-8,774	0,013	0,290
CHR14	4571781	CHR14:4571781	SSF x Near_LoA	-7,538	0,057	0,298
CHR14	4571823	CHR14:4571823	SSF x Near_LoA	-8,026	-0,003	0,292

CHR14	4571824	CHR14:4571824	SSF x Near_LoA	-7,683	0,074	0,283
CHR14	4571905	CHR14:4571905	SSF x Near_LoA	-8,189	0,148	0,279
CHR14	4595885	CHR14:4595885	SSF x Near_LoA	-6,202	-0,028	0,295
CHR14	4595913	CHR14:4595913	SSF x Near_LoA	-10,094	-0,011	0,297
CHR14	4596093	CHR14:4596093	SSF x Near_LoA	-9,446	0,000	0,296
CHR14	4596113	CHR14:4596113	SSF x Near_LoA	-7,288	-0,094	0,274
CHR14	4596157	CHR14:4596157	SSF x Near_LoA	-10,076	0,013	0,293
CHR14	461064	CHR14:461064	SSF x Near_LoA	-8,082	0,137	0,279
CHR14	4625095	CHR14:4625095	SSF x Near_LoA	-8,017	0,194	0,274
CHR14	4625305	CHR14:4625305	SSF x Near_LoA	-10,235	0,034	0,288
CHR14	4635006	CHR14:4635006	SSF x Near_LoA	-6,089	0,128	0,289
CHR14	4635171	CHR14:4635171	SSF x Near_LoA	-10,578	0,026	0,270
CHR14	4635172	CHR14:4635172	SSF x Near_LoA	-10,717	0,040	0,276
CHR14	4635230	CHR14:4635230	SSF x Near_LoA	-7,962	-0,056	0,290
CHR14	4635294	CHR14:4635294	SSF x Near_LoA	-10,374	-0,014	0,289
CHR14	4635406	CHR14:4635406	SSF x Near_LoA	-9,628	-0,078	0,283
CHR14	4644443	CHR14:4644443	SSF x Near_LoA	-8,021	0,108	0,297
CHR14	4645581	CHR14:4645581	SSF x Near_LoA	-9,380	0,015	0,291
CHR14	4656204	CHR14:4656204	SSF x Near_LoA	-6,774	0,213	0,269
CHR14	4656209	CHR14:4656209	SSF x Near_LoA	-8,313	-0,015	0,295
CHR14	4656272	CHR14:4656272	SSF x Near_LoA	-4,530	-0,173	0,286
CHR14	4656362	CHR14:4656362	SSF x Near_LoA	-8,041	0,082	0,292
CHR14	4656365	CHR14:4656365	SSF x Near_LoA	-10,535	-0,049	0,292
CHR14	4672644	CHR14:4672644	SSF x Near_LoA	-8,067	-0,102	0,307
CHR14	4672684	CHR14:4672684	SSF x Near_LoA	-5,387	-0,110	0,278
CHR14	4673921	CHR14:4673921	SSF x Near_LoA	-8,468	-0,063	0,289
CHR14	4674805	CHR14:4674805	SSF x Near_LoA	-6,079	0,101	0,275
CHR14	4674868	CHR14:4674868	SSF x Near_LoA	-1,804	0,123	0,285
CHR14	4674904	CHR14:4674904	SSF x Near_LoA	-7,736	-0,091	0,303
CHR14	4707096	CHR14:4707096	SSF x Near_LoA	3,210	0,060	0,296
CHR14	4708614	CHR14:4708614	SSF x Near_LoA	-10,436	0,029	0,291
CHR14	4708739	CHR14:4708739	SSF x Near_LoA	-4,240	0,051	0,285
CHR14	4708776	CHR14:4708776	SSF x Near_LoA	-6,093	0,069	0,299
CHR14	4726411	CHR14:4726411	SSF x Near_LoA	-6,953	0,078	0,270
CHR14	4726460	CHR14:4726460	SSF x Near_LoA	-7,926	0,125	0,281
CHR14	4726473	CHR14:4726473	SSF x Near_LoA	-8,952	-0,034	0,296
CHR14	4726533	CHR14:4726533	SSF x Near_LoA	-11,114	0,080	0,278
CHR14	4726573	CHR14:4726573	SSF x Near_LoA	-10,804	0,052	0,276
CHR14	4726600	CHR14:4726600	SSF x Near_LoA	-7,363	0,069	0,284
CHR14	4726620	CHR14:4726620	SSF x Near_LoA	-9,185	0,083	0,293
CHR14	4726652	CHR14:4726652	SSF x Near_LoA	-9,556	-0,077	0,280
CHR14	4726685	CHR14:4726685	SSF x Near_LoA	-8,093	0,018	0,282
CHR14	4726738	CHR14:4726738	SSF x Near_LoA	-9,766	0,020	0,285
CHR14	4740724	CHR14:4740724	SSF x Near_LoA	-9,306	0,057	0,288
CHR14	4755019	CHR14:4755019	SSF x Near_LoA	-7,288	0,112	0,299
CHR14	4755111	CHR14:4755111	SSF x Near_LoA	-0,976	0,160	0,274
CHR14	4755112	CHR14:4755112	SSF x Near_LoA	-9,539	-0,019	0,298
CHR14	4755121	CHR14:4755121	SSF x Near_LoA	-6,029	-0,160	0,285
CHR14	4755141	CHR14:4755141	SSF x Near_LoA	-8,571	0,023	0,284
CHR14	4755495	CHR14:4755495	SSF x Near_LoA	-7,377	-0,058	0,292
CHR14	4755533	CHR14:4755533	SSF x Near_LoA	-10,358	0,045	0,287
CHR14	475554	CHR14:475554	SSF x Near_LoA	-8,679	-0,020	0,297
CHR14	4755543	CHR14:4755543	SSF x Near_LoA	-6,786	0,040	0,280

CHR14	4759055	CHR14:4759055	SSF x Near_LoA	-8,367	-0,025	0,277
CHR14	4759129	CHR14:4759129	SSF x Near_LoA	-6,272	0,041	0,275
CHR14	4785585	CHR14:4785585	SSF x Near_LoA	-10,045	0,017	0,289
CHR14	4790766	CHR14:4790766	SSF x Near_LoA	-7,314	-0,087	0,297
CHR14	4801419	CHR14:4801419	SSF x Near_LoA	-6,916	-0,054	0,281
CHR14	4801511	CHR14:4801511	SSF x Near_LoA	-8,307	-0,082	0,295
CHR14	4801518	CHR14:4801518	SSF x Near_LoA	-9,150	-0,025	0,282
CHR14	4801548	CHR14:4801548	SSF x Near_LoA	-10,647	0,039	0,276
CHR14	4815308	CHR14:4815308	SSF x Near_LoA	-9,275	-0,015	0,286
CHR14	4815410	CHR14:4815410	SSF x Near_LoA	-6,718	0,059	0,274
CHR14	4815439	CHR14:4815439	SSF x Near_LoA	-8,710	-0,073	0,290
CHR14	4815502	CHR14:4815502	SSF x Near_LoA	-7,482	-0,054	0,275
CHR14	4830527	CHR14:4830527	SSF x Near_LoA	-9,040	-0,058	0,282
CHR14	4830628	CHR14:4830628	SSF x Near_LoA	-6,752	-0,109	0,284
CHR14	4830661	CHR14:4830661	SSF x Near_LoA	-7,919	-0,018	0,302
CHR14	4830671	CHR14:4830671	SSF x Near_LoA	-8,362	0,097	0,270
CHR14	4830767	CHR14:4830767	SSF x Near_LoA	-8,194	-0,030	0,303
CHR14	4830771	CHR14:4830771	SSF x Near_LoA	-6,229	0,107	0,291
CHR14	4832234	CHR14:4832234	SSF x Near_LoA	-8,407	0,151	0,282
CHR14	4844309	CHR14:4844309	SSF x Near_LoA	-9,144	-0,040	0,287
CHR14	4844313	CHR14:4844313	SSF x Near_LoA	-9,093	-0,068	0,276
CHR14	4844323	CHR14:4844323	SSF x Near_LoA	-6,165	0,141	0,283
CHR14	4844351	CHR14:4844351	SSF x Near_LoA	-6,368	0,067	0,288
CHR14	4844399	CHR14:4844399	SSF x Near_LoA	-9,248	0,070	0,285
CHR14	4849522	CHR14:4849522	SSF x Near_LoA	-6,888	-0,022	0,299
CHR14	4849551	CHR14:4849551	SSF x Near_LoA	-9,898	0,000	0,281
CHR14	4849607	CHR14:4849607	SSF x Near_LoA	-10,054	0,027	0,297
CHR14	4849610	CHR14:4849610	SSF x Near_LoA	-6,169	0,062	0,289
CHR14	4864832	CHR14:4864832	SSF x Near_LoA	-6,687	-0,049	0,298
CHR14	4864869	CHR14:4864869	SSF x Near_LoA	-7,624	-0,025	0,279
CHR14	4864870	CHR14:4864870	SSF x Near_LoA	-9,736	-0,128	0,272
CHR14	4865254	CHR14:4865254	SSF x Near_LoA	-6,382	-0,152	0,290
CHR14	487145	CHR14:487145	SSF x Near_LoA	-8,667	-0,004	0,295
CHR14	4875420	CHR14:4875420	SSF x Near_LoA	-10,133	0,049	0,286
CHR14	4875445	CHR14:4875445	SSF x Near_LoA	-9,488	0,016	0,293
CHR14	4875447	CHR14:4875447	SSF x Near_LoA	-8,880	0,063	0,296
CHR14	4875499	CHR14:4875499	SSF x Near_LoA	-8,713	0,050	0,286
CHR14	4875521	CHR14:4875521	SSF x Near_LoA	-8,985	0,065	0,292
CHR14	4875567	CHR14:4875567	SSF x Near_LoA	-0,896	-0,174	0,271
CHR14	4875617	CHR14:4875617	SSF x Near_LoA	-6,942	0,232	0,273
CHR14	4875638	CHR14:4875638	SSF x Near_LoA	-9,535	-0,090	0,283
CHR14	4875641	CHR14:4875641	SSF x Near_LoA	-8,996	0,178	0,271
CHR14	4883723	CHR14:4883723	SSF x Near_LoA	-9,235	-0,036	0,297
CHR14	4883870	CHR14:4883870	SSF x Near_LoA	-7,916	0,051	0,299
CHR14	4883966	CHR14:4883966	SSF x Near_LoA	-7,995	-0,081	0,280
CHR14	4883981	CHR14:4883981	SSF x Near_LoA	-9,360	0,106	0,291
CHR14	4888359	CHR14:4888359	SSF x Near_LoA	-6,328	0,180	0,267
CHR14	4888373	CHR14:4888373	SSF x Near_LoA	-5,393	0,187	0,283
CHR14	4888380	CHR14:4888380	SSF x Near_LoA	-8,336	0,041	0,304
CHR14	4888509	CHR14:4888509	SSF x Near_LoA	-9,527	-0,013	0,300
CHR14	4888564	CHR14:4888564	SSF x Near_LoA	0,830	0,061	0,298
CHR14	490506	CHR14:490506	SSF x Near_LoA	-5,682	-0,178	0,277
CHR14	490577	CHR14:490577	SSF x Near_LoA	-3,779	-0,202	0,279

CHR14	490666	CHR14:490666	SSF x Near_LoA	-5,893	-0,145	0,283
CHR14	490667	CHR14:490667	SSF x Near_LoA	-9,567	-0,126	0,290
CHR14	490671	CHR14:490671	SSF x Near_LoA	-2,510	-0,155	0,284
CHR14	490735	CHR14:490735	SSF x Near_LoA	-8,436	-0,090	0,289
CHR14	490767	CHR14:490767	SSF x Near_LoA	-6,486	-0,101	0,279
CHR14	490818	CHR14:490818	SSF x Near_LoA	-3,989	-0,108	0,281
CHR14	490861	CHR14:490861	SSF x Near_LoA	-8,485	-0,100	0,272
CHR14	4950621	CHR14:4950621	SSF x Near_LoA	-8,494	-0,019	0,281
CHR14	4950780	CHR14:4950780	SSF x Near_LoA	-8,740	0,058	0,297
CHR14	4950796	CHR14:4950796	SSF x Near_LoA	-7,888	-0,029	0,285
CHR14	4953134	CHR14:4953134	SSF x Near_LoA	-5,169	0,113	0,284
CHR14	4953188	CHR14:4953188	SSF x Near_LoA	-3,042	-0,110	0,281
CHR14	4953192	CHR14:4953192	SSF x Near_LoA	-8,603	-0,119	0,262
CHR14	4953208	CHR14:4953208	SSF x Near_LoA	-8,495	0,064	0,287
CHR14	4956809	CHR14:4956809	SSF x Near_LoA	-7,443	0,159	0,277
CHR14	4956821	CHR14:4956821	SSF x Near_LoA	-6,055	-0,064	0,290
CHR14	4957958	CHR14:4957958	SSF x Near_LoA	-8,165	0,020	0,280
CHR14	4969754	CHR14:4969754	SSF x Near_LoA	-7,350	0,125	0,268
CHR14	4969760	CHR14:4969760	SSF x Near_LoA	-9,865	0,051	0,267
CHR14	4969829	CHR14:4969829	SSF x Near_LoA	-6,309	-0,126	0,299
CHR14	4969833	CHR14:4969833	SSF x Near_LoA	-8,896	-0,107	0,282
CHR14	4971946	CHR14:4971946	SSF x Near_LoA	-7,325	-0,050	0,293
CHR14	5000070	CHR14:5000070	SSF x Near_LoA	-8,327	-0,051	0,273
CHR14	5000152	CHR14:5000152	SSF x Near_LoA	-7,114	0,065	0,301
CHR14	5000169	CHR14:5000169	SSF x Near_LoA	-8,124	0,020	0,283
CHR14	5000249	CHR14:5000249	SSF x Near_LoA	-9,601	-0,120	0,301
CHR14	5000273	CHR14:5000273	SSF x Near_LoA	-9,703	-0,032	0,285
CHR14	5000279	CHR14:5000279	SSF x Near_LoA	-9,720	-0,048	0,282
CHR14	5004371	CHR14:5004371	SSF x Near_LoA	-8,043	-0,076	0,288
CHR14	5004372	CHR14:5004372	SSF x Near_LoA	-7,034	0,073	0,279
CHR14	5004476	CHR14:5004476	SSF x Near_LoA	-7,241	0,044	0,285
CHR14	5004477	CHR14:5004477	SSF x Near_LoA	-7,788	0,037	0,287
CHR14	5004539	CHR14:5004539	SSF x Near_LoA	-8,705	0,037	0,289
CHR14	5004552	CHR14:5004552	SSF x Near_LoA	-8,063	0,071	0,293
CHR14	5004572	CHR14:5004572	SSF x Near_LoA	-9,105	-0,093	0,286
CHR14	5028989	CHR14:5028989	SSF x Near_LoA	-7,983	0,138	0,283
CHR14	5029011	CHR14:5029011	SSF x Near_LoA	-4,178	-0,175	0,282
CHR14	5030411	CHR14:5030411	SSF x Near_LoA	-9,011	0,101	0,285
CHR14	503157	CHR14:503157	SSF x Near_LoA	-7,334	0,014	0,298
CHR14	5033324	CHR14:5033324	SSF x Near_LoA	-9,528	-0,076	0,270
CHR14	5033408	CHR14:5033408	SSF x Near_LoA	-5,163	0,124	0,275
CHR14	5033576	CHR14:5033576	SSF x Near_LoA	-7,889	-0,023	0,282
CHR14	5033589	CHR14:5033589	SSF x Near_LoA	-2,403	-0,196	0,271
CHR14	5033599	CHR14:5033599	SSF x Near_LoA	-7,988	-0,046	0,289
CHR14	5035248	CHR14:5035248	SSF x Near_LoA	-10,428	0,036	0,293
CHR14	5035407	CHR14:5035407	SSF x Near_LoA	-7,619	0,134	0,278
CHR14	5035428	CHR14:5035428	SSF x Near_LoA	-9,404	0,147	0,274
CHR14	5044070	CHR14:5044070	SSF x Near_LoA	-6,152	0,035	0,293
CHR14	5044150	CHR14:5044150	SSF x Near_LoA	-7,992	0,046	0,296
CHR14	5044203	CHR14:5044203	SSF x Near_LoA	-5,787	0,139	0,270
CHR14	5044225	CHR14:5044225	SSF x Near_LoA	-8,209	0,018	0,290
CHR14	5044249	CHR14:5044249	SSF x Near_LoA	-7,198	0,105	0,274
CHR14	5044254	CHR14:5044254	SSF x Near_LoA	-9,772	-0,007	0,293

CHR14	5051369	CHR14:5051369	SSF x Near_LoA	-5,701	0,148	0,279
CHR14	5063694	CHR14:5063694	SSF x Near_LoA	-8,201	-0,147	0,296
CHR14	5063702	CHR14:5063702	SSF x Near_LoA	-9,408	0,010	0,293
CHR14	5063708	CHR14:5063708	SSF x Near_LoA	-8,840	0,042	0,291
CHR14	5063810	CHR14:5063810	SSF x Near_LoA	-8,362	0,008	0,288
CHR14	5063822	CHR14:5063822	SSF x Near_LoA	-7,492	-0,042	0,273
CHR14	5064149	CHR14:5064149	SSF x Near_LoA	-5,570	0,163	0,285
CHR14	5076456	CHR14:5076456	SSF x Near_LoA	0,531	-0,229	0,270
CHR14	5076635	CHR14:5076635	SSF x Near_LoA	-8,066	-0,085	0,269
CHR14	5076735	CHR14:5076735	SSF x Near_LoA	-7,817	-0,099	0,284
CHR14	5079154	CHR14:5079154	SSF x Near_LoA	6,627	-0,309	0,254
CHR14	5079168	CHR14:5079168	SSF x Near_LoA	-0,512	-0,283	0,263
CHR14	5079253	CHR14:5079253	SSF x Near_LoA	3,466	-0,307	0,255
CHR14	5104036	CHR14:5104036	SSF x Near_LoA	-7,980	0,064	0,284
CHR14	5109577	CHR14:5109577	SSF x Near_LoA	-6,960	0,069	0,273
CHR14	5109580	CHR14:5109580	SSF x Near_LoA	-7,395	0,076	0,265
CHR14	5109966	CHR14:5109966	SSF x Near_LoA	-8,900	-0,151	0,291
CHR14	5109994	CHR14:5109994	SSF x Near_LoA	-6,106	0,143	0,291
CHR14	5119884	CHR14:5119884	SSF x Near_LoA	-4,149	-0,058	0,284
CHR14	5119950	CHR14:5119950	SSF x Near_LoA	6,339	0,048	0,297
CHR14	5120022	CHR14:5120022	SSF x Near_LoA	-9,482	0,067	0,286
CHR14	5120038	CHR14:5120038	SSF x Near_LoA	-7,292	-0,140	0,287
CHR14	5138853	CHR14:5138853	SSF x Near_LoA	-8,904	-0,010	0,285
CHR14	5143422	CHR14:5143422	SSF x Near_LoA	-5,343	-0,129	0,295
CHR14	5144802	CHR14:5144802	SSF x Near_LoA	-4,028	0,149	0,292
CHR14	5168702	CHR14:5168702	SSF x Near_LoA	-2,130	-0,278	0,268
CHR14	5168772	CHR14:5168772	SSF x Near_LoA	-6,476	0,204	0,266
CHR14	5168779	CHR14:5168779	SSF x Near_LoA	-7,271	-0,085	0,285
CHR14	5168837	CHR14:5168837	SSF x Near_LoA	-3,798	-0,144	0,288
CHR14	5168842	CHR14:5168842	SSF x Near_LoA	-8,430	0,156	0,270
CHR14	5207117	CHR14:5207117	SSF x Near_LoA	-9,344	-0,045	0,282
CHR14	5207394	CHR14:5207394	SSF x Near_LoA	-9,890	0,052	0,284
CHR14	5209916	CHR14:5209916	SSF x Near_LoA	-9,377	-0,011	0,304
CHR14	5209963	CHR14:5209963	SSF x Near_LoA	-10,966	-0,030	0,268
CHR14	5209966	CHR14:5209966	SSF x Near_LoA	-7,822	0,051	0,270
CHR14	5220235	CHR14:5220235	SSF x Near_LoA	-6,658	0,141	0,281
CHR14	5220307	CHR14:5220307	SSF x Near_LoA	-8,580	0,154	0,280
CHR14	5220564	CHR14:5220564	SSF x Near_LoA	-6,855	0,021	0,279
CHR14	5220574	CHR14:5220574	SSF x Near_LoA	-5,130	0,001	0,289
CHR14	5226975	CHR14:5226975	SSF x Near_LoA	-9,578	0,098	0,279
CHR14	5234027	CHR14:5234027	SSF x Near_LoA	-9,717	-0,034	0,291
CHR14	5248912	CHR14:5248912	SSF x Near_LoA	-5,248	-0,184	0,265
CHR14	5256693	CHR14:5256693	SSF x Near_LoA	-0,406	-0,163	0,291
CHR14	5257472	CHR14:5257472	SSF x Near_LoA	-8,580	0,061	0,288
CHR14	5257566	CHR14:5257566	SSF x Near_LoA	-7,725	0,028	0,287
CHR14	5259407	CHR14:5259407	SSF x Near_LoA	-6,762	0,060	0,281
CHR14	5262473	CHR14:5262473	SSF x Near_LoA	-5,957	-0,153	0,274
CHR14	5263708	CHR14:5263708	SSF x Near_LoA	-3,576	-0,170	0,283
CHR14	5263879	CHR14:5263879	SSF x Near_LoA	-4,084	-0,182	0,280
CHR14	5266385	CHR14:5266385	SSF x Near_LoA	-7,797	0,133	0,271
CHR14	5268297	CHR14:5268297	SSF x Near_LoA	-6,676	0,034	0,281
CHR14	5269629	CHR14:5269629	SSF x Near_LoA	-3,943	0,120	0,289
CHR14	5269632	CHR14:5269632	SSF x Near_LoA	-6,401	0,097	0,284

CHR14	5269652	CHR14:5269652	SSF x Near_LoA	-7,042	-0,137	0,273
CHR14	5269660	CHR14:5269660	SSF x Near_LoA	-9,617	-0,068	0,277
CHR14	5286661	CHR14:5286661	SSF x Near_LoA	3,199	0,240	0,273
CHR14	5286761	CHR14:5286761	SSF x Near_LoA	-8,074	0,010	0,292
CHR14	5286837	CHR14:5286837	SSF x Near_LoA	-7,878	-0,067	0,282
CHR14	5289736	CHR14:5289736	SSF x Near_LoA	-4,207	-0,124	0,283
CHR14	5290002	CHR14:5290002	SSF x Near_LoA	-8,979	0,078	0,280
CHR14	5290008	CHR14:5290008	SSF x Near_LoA	-8,576	0,082	0,291
CHR14	5292267	CHR14:5292267	SSF x Near_LoA	-8,471	0,050	0,281
CHR14	5295015	CHR14:5295015	SSF x Near_LoA	-9,405	-0,028	0,271
CHR14	5295089	CHR14:5295089	SSF x Near_LoA	-6,396	0,163	0,275
CHR14	5295154	CHR14:5295154	SSF x Near_LoA	-7,629	0,167	0,274
CHR14	5301708	CHR14:5301708	SSF x Near_LoA	-4,291	-0,086	0,292
CHR14	5301744	CHR14:5301744	SSF x Near_LoA	-9,368	-0,066	0,290
CHR14	5301847	CHR14:5301847	SSF x Near_LoA	-8,716	0,061	0,284
CHR14	5306402	CHR14:5306402	SSF x Near_LoA	-8,627	0,058	0,295
CHR14	5306405	CHR14:5306405	SSF x Near_LoA	-9,072	0,018	0,287
CHR14	5306570	CHR14:5306570	SSF x Near_LoA	-9,974	-0,004	0,284
CHR14	5306581	CHR14:5306581	SSF x Near_LoA	-7,550	-0,015	0,291
CHR14	5311190	CHR14:5311190	SSF x Near_LoA	-5,525	-0,055	0,292
CHR14	5311245	CHR14:5311245	SSF x Near_LoA	-7,696	-0,039	0,295
CHR14	5311247	CHR14:5311247	SSF x Near_LoA	-9,387	-0,034	0,278
CHR14	5311273	CHR14:5311273	SSF x Near_LoA	-7,619	-0,002	0,295
CHR14	5311280	CHR14:5311280	SSF x Near_LoA	-9,981	-0,002	0,292
CHR14	5311339	CHR14:5311339	SSF x Near_LoA	-2,300	0,082	0,291
CHR14	5311388	CHR14:5311388	SSF x Near_LoA	-10,111	-0,129	0,282
CHR14	5311461	CHR14:5311461	SSF x Near_LoA	-7,623	0,053	0,298
CHR14	5313580	CHR14:5313580	SSF x Near_LoA	-7,502	-0,053	0,283
CHR14	5323799	CHR14:5323799	SSF x Near_LoA	-7,251	-0,051	0,288
CHR14	5323873	CHR14:5323873	SSF x Near_LoA	-6,380	0,235	0,269
CHR14	5323958	CHR14:5323958	SSF x Near_LoA	-6,642	-0,025	0,283
CHR14	5323993	CHR14:5323993	SSF x Near_LoA	13,116	-0,102	0,301
CHR14	5324024	CHR14:5324024	SSF x Near_LoA	-8,057	0,193	0,273
CHR14	5332330	CHR14:5332330	SSF x Near_LoA	-9,590	0,065	0,285
CHR14	5335841	CHR14:5335841	SSF x Near_LoA	-10,017	-0,033	0,280
CHR14	5335878	CHR14:5335878	SSF x Near_LoA	-7,610	0,040	0,289
CHR14	5335924	CHR14:5335924	SSF x Near_LoA	-8,390	0,060	0,294
CHR14	5336015	CHR14:5336015	SSF x Near_LoA	-8,227	0,098	0,291
CHR14	5344077	CHR14:5344077	SSF x Near_LoA	-8,654	-0,039	0,267
CHR14	5344104	CHR14:5344104	SSF x Near_LoA	-7,066	0,010	0,282
CHR14	5350864	CHR14:5350864	SSF x Near_LoA	-7,620	0,088	0,290
CHR14	5350866	CHR14:5350866	SSF x Near_LoA	-7,020	0,068	0,298
CHR14	5350872	CHR14:5350872	SSF x Near_LoA	-7,111	0,213	0,246
CHR14	5350892	CHR14:5350892	SSF x Near_LoA	-7,262	0,048	0,299
CHR14	5350920	CHR14:5350920	SSF x Near_LoA	-7,466	-0,083	0,277
CHR14	5350947	CHR14:5350947	SSF x Near_LoA	-8,798	-0,051	0,280
CHR14	5431703	CHR14:5431703	SSF x Near_LoA	-9,921	-0,033	0,295
CHR14	5454896	CHR14:5454896	SSF x Near_LoA	-10,080	-0,022	0,287
CHR14	5467878	CHR14:5467878	SSF x Near_LoA	-10,005	0,103	0,264
CHR14	5506441	CHR14:5506441	SSF x Near_LoA	-4,865	0,164	0,283
CHR14	5506448	CHR14:5506448	SSF x Near_LoA	-8,453	-0,138	0,283
CHR14	5508960	CHR14:5508960	SSF x Near_LoA	-6,489	-0,100	0,288
CHR14	5508987	CHR14:5508987	SSF x Near_LoA	-4,061	0,194	0,269

CHR14	5509076	CHR14:5509076	SSF x Near_LoA	-7,241	-0,013	0,295
CHR14	5509079	CHR14:5509079	SSF x Near_LoA	-8,411	-0,034	0,292
CHR14	5509117	CHR14:5509117	SSF x Near_LoA	-2,909	0,112	0,281
CHR14	5533015	CHR14:5533015	SSF x Near_LoA	-6,865	0,044	0,286
CHR14	5533092	CHR14:5533092	SSF x Near_LoA	-9,105	0,014	0,284
CHR14	5536468	CHR14:5536468	SSF x Near_LoA	-8,393	0,013	0,268
CHR14	5536517	CHR14:5536517	SSF x Near_LoA	-9,633	-0,031	0,278
CHR14	5536521	CHR14:5536521	SSF x Near_LoA	-4,882	-0,010	0,305
CHR14	5540909	CHR14:5540909	SSF x Near_LoA	-3,910	-0,071	0,278
CHR14	554318	CHR14:554318	SSF x Near_LoA	-7,190	-0,149	0,295
CHR14	5548730	CHR14:5548730	SSF x Near_LoA	-3,252	-0,139	0,285
CHR14	5548837	CHR14:5548837	SSF x Near_LoA	-8,454	-0,079	0,293
CHR14	5548850	CHR14:5548850	SSF x Near_LoA	-10,378	-0,070	0,296
CHR14	5552713	CHR14:5552713	SSF x Near_LoA	-4,431	0,006	0,297
CHR14	5552798	CHR14:5552798	SSF x Near_LoA	-8,080	0,105	0,285
CHR14	5552829	CHR14:5552829	SSF x Near_LoA	-10,920	-0,043	0,272
CHR14	5552883	CHR14:5552883	SSF x Near_LoA	-10,146	0,040	0,279
CHR14	5552913	CHR14:5552913	SSF x Near_LoA	-9,676	-0,035	0,283
CHR14	5553006	CHR14:5553006	SSF x Near_LoA	-10,072	-0,039	0,286
CHR14	5553121	CHR14:5553121	SSF x Near_LoA	-6,285	0,020	0,297
CHR14	5598243	CHR14:5598243	SSF x Near_LoA	-5,060	-0,092	0,299
CHR14	5602380	CHR14:5602380	SSF x Near_LoA	-6,341	0,018	0,299
CHR14	5602415	CHR14:5602415	SSF x Near_LoA	-8,405	0,090	0,287
CHR14	5602489	CHR14:5602489	SSF x Near_LoA	-8,140	0,046	0,304
CHR14	5602609	CHR14:5602609	SSF x Near_LoA	-8,294	0,027	0,285
CHR14	5607900	CHR14:5607900	SSF x Near_LoA	-8,007	0,087	0,291
CHR14	5607917	CHR14:5607917	SSF x Near_LoA	-10,063	0,031	0,298
CHR14	5608226	CHR14:5608226	SSF x Near_LoA	-7,469	0,114	0,286
CHR14	5608286	CHR14:5608286	SSF x Near_LoA	-9,373	0,090	0,276
CHR14	5608291	CHR14:5608291	SSF x Near_LoA	-9,758	0,094	0,278
CHR14	5619446	CHR14:5619446	SSF x Near_LoA	-7,465	-0,117	0,273
CHR14	5624407	CHR14:5624407	SSF x Near_LoA	-9,468	-0,010	0,284
CHR14	5632777	CHR14:5632777	SSF x Near_LoA	-6,381	-0,038	0,288
CHR14	5651251	CHR14:5651251	SSF x Near_LoA	-6,086	-0,036	0,287
CHR14	5651422	CHR14:5651422	SSF x Near_LoA	-3,609	0,078	0,291
CHR14	5664158	CHR14:5664158	SSF x Near_LoA	-6,164	-0,148	0,290
CHR14	5664210	CHR14:5664210	SSF x Near_LoA	-8,488	-0,094	0,285
CHR14	5666521	CHR14:5666521	SSF x Near_LoA	-7,467	-0,186	0,276
CHR14	5666557	CHR14:5666557	SSF x Near_LoA	-6,066	0,116	0,296
CHR14	5666690	CHR14:5666690	SSF x Near_LoA	-8,200	0,105	0,283
CHR14	5666782	CHR14:5666782	SSF x Near_LoA	-8,641	0,030	0,300
CHR14	5666836	CHR14:5666836	SSF x Near_LoA	-6,693	-0,148	0,299
CHR14	5673549	CHR14:5673549	SSF x Near_LoA	-9,297	-0,035	0,283
CHR14	5673597	CHR14:5673597	SSF x Near_LoA	-9,376	-0,123	0,283
CHR14	5675258	CHR14:5675258	SSF x Near_LoA	-6,943	0,056	0,292
CHR14	5694598	CHR14:5694598	SSF x Near_LoA	-6,416	0,067	0,290
CHR14	5711151	CHR14:5711151	SSF x Near_LoA	-7,124	-0,109	0,282
CHR14	5726671	CHR14:5726671	SSF x Near_LoA	-6,699	-0,105	0,302
CHR14	5743146	CHR14:5743146	SSF x Near_LoA	-5,818	0,092	0,284
CHR14	5743202	CHR14:5743202	SSF x Near_LoA	-9,168	-0,032	0,287
CHR14	5749714	CHR14:5749714	SSF x Near_LoA	-7,146	0,125	0,272
CHR14	5778428	CHR14:5778428	SSF x Near_LoA	-7,066	-0,119	0,311
CHR14	5778556	CHR14:5778556	SSF x Near_LoA	-9,189	0,034	0,288

CHR14	5780787	CHR14:5780787	SSF x Near_LoA	-6,899	-0,072	0,284
CHR14	5780823	CHR14:5780823	SSF x Near_LoA	-9,750	0,118	0,279
CHR14	5781440	CHR14:5781440	SSF x Near_LoA	-8,845	-0,080	0,288
CHR14	5790161	CHR14:5790161	SSF x Near_LoA	-7,093	0,002	0,287
CHR14	5792370	CHR14:5792370	SSF x Near_LoA	-7,249	0,036	0,293
CHR14	5792411	CHR14:5792411	SSF x Near_LoA	-6,062	0,060	0,297
CHR14	5792509	CHR14:5792509	SSF x Near_LoA	-10,086	-0,064	0,294
CHR14	5792578	CHR14:5792578	SSF x Near_LoA	-8,736	-0,117	0,294
CHR14	5795415	CHR14:5795415	SSF x Near_LoA	-4,943	0,139	0,283
CHR14	5796491	CHR14:5796491	SSF x Near_LoA	-5,666	-0,075	0,286
CHR14	5796537	CHR14:5796537	SSF x Near_LoA	-8,119	0,100	0,287
CHR14	5796626	CHR14:5796626	SSF x Near_LoA	-5,834	-0,141	0,292
CHR14	5800965	CHR14:5800965	SSF x Near_LoA	-3,898	0,232	0,282
CHR14	5801094	CHR14:5801094	SSF x Near_LoA	-9,786	0,013	0,289
CHR14	580113	CHR14:580113	SSF x Near_LoA	-6,307	0,051	0,277
CHR14	5801131	CHR14:5801131	SSF x Near_LoA	-8,733	-0,008	0,296
CHR14	5801185	CHR14:5801185	SSF x Near_LoA	-10,997	-0,033	0,295
CHR14	5801204	CHR14:5801204	SSF x Near_LoA	-8,931	0,035	0,284
CHR14	5805679	CHR14:5805679	SSF x Near_LoA	-8,626	0,067	0,271
CHR14	5805684	CHR14:5805684	SSF x Near_LoA	-7,929	-0,055	0,279
CHR14	5805822	CHR14:5805822	SSF x Near_LoA	-8,093	-0,012	0,282
CHR14	5805843	CHR14:5805843	SSF x Near_LoA	-5,487	0,034	0,286
CHR14	5805861	CHR14:5805861	SSF x Near_LoA	-8,730	-0,047	0,300
CHR14	5805920	CHR14:5805920	SSF x Near_LoA	-8,143	-0,055	0,273
CHR14	5810951	CHR14:5810951	SSF x Near_LoA	-7,657	0,011	0,281
CHR14	5811042	CHR14:5811042	SSF x Near_LoA	-10,635	-0,043	0,293
CHR14	5811220	CHR14:5811220	SSF x Near_LoA	-6,473	0,097	0,302
CHR14	5816317	CHR14:5816317	SSF x Near_LoA	-4,457	0,090	0,270
CHR14	5816329	CHR14:5816329	SSF x Near_LoA	-8,566	0,036	0,290
CHR14	5822988	CHR14:5822988	SSF x Near_LoA	-11,054	0,058	0,283
CHR14	5829973	CHR14:5829973	SSF x Near_LoA	-9,338	0,155	0,273
CHR14	5829981	CHR14:5829981	SSF x Near_LoA	-7,677	0,007	0,279
CHR14	5829988	CHR14:5829988	SSF x Near_LoA	-8,710	0,078	0,280
CHR14	5829990	CHR14:5829990	SSF x Near_LoA	-2,542	-0,078	0,286
CHR14	5830122	CHR14:5830122	SSF x Near_LoA	-10,113	-0,061	0,285
CHR14	5830256	CHR14:5830256	SSF x Near_LoA	-8,863	-0,082	0,287
CHR14	5839729	CHR14:5839729	SSF x Near_LoA	-6,322	-0,062	0,278
CHR14	5839771	CHR14:5839771	SSF x Near_LoA	-5,156	0,143	0,297
CHR14	5839872	CHR14:5839872	SSF x Near_LoA	-7,737	0,027	0,288
CHR14	5839881	CHR14:5839881	SSF x Near_LoA	-8,194	0,012	0,286
CHR14	5840088	CHR14:5840088	SSF x Near_LoA	-9,755	0,071	0,281
CHR14	5840125	CHR14:5840125	SSF x Near_LoA	-6,597	0,070	0,290
CHR14	5840138	CHR14:5840138	SSF x Near_LoA	-6,602	0,162	0,280
CHR14	5844052	CHR14:5844052	SSF x Near_LoA	-6,770	0,027	0,279
CHR14	5844105	CHR14:5844105	SSF x Near_LoA	-9,146	-0,039	0,293
CHR14	5844114	CHR14:5844114	SSF x Near_LoA	-6,644	-0,004	0,296
CHR14	5844121	CHR14:5844121	SSF x Near_LoA	-8,806	-0,018	0,287
CHR14	5844350	CHR14:5844350	SSF x Near_LoA	-9,224	-0,003	0,290
CHR14	5844398	CHR14:5844398	SSF x Near_LoA	-6,547	-0,039	0,296
CHR14	5862696	CHR14:5862696	SSF x Near_LoA	-9,451	0,034	0,289
CHR14	5862812	CHR14:5862812	SSF x Near_LoA	-7,749	0,042	0,282
CHR14	5862813	CHR14:5862813	SSF x Near_LoA	-8,762	-0,051	0,285
CHR14	5862820	CHR14:5862820	SSF x Near_LoA	-9,958	-0,074	0,283

CHR14	5867156	CHR14:5867156	SSF x Near_LoA	-8,226	-0,099	0,283
CHR14	5867174	CHR14:5867174	SSF x Near_LoA	-3,910	0,255	0,267
CHR14	5868758	CHR14:5868758	SSF x Near_LoA	-10,112	-0,101	0,282
CHR14	5877040	CHR14:5877040	SSF x Near_LoA	-9,121	0,035	0,301
CHR14	5880899	CHR14:5880899	SSF x Near_LoA	-7,211	-0,025	0,295
CHR14	5880982	CHR14:5880982	SSF x Near_LoA	-7,757	0,105	0,278
CHR14	5881040	CHR14:5881040	SSF x Near_LoA	-8,783	-0,117	0,290
CHR14	5881070	CHR14:5881070	SSF x Near_LoA	-7,462	0,022	0,303
CHR14	5898123	CHR14:5898123	SSF x Near_LoA	-9,026	-0,143	0,283
CHR14	5909735	CHR14:5909735	SSF x Near_LoA	-9,065	0,096	0,301
CHR14	5909814	CHR14:5909814	SSF x Near_LoA	-9,961	-0,113	0,290
CHR14	5909994	CHR14:5909994	SSF x Near_LoA	-6,492	0,074	0,287
CHR14	5910013	CHR14:5910013	SSF x Near_LoA	-5,940	-0,071	0,278
CHR14	5910044	CHR14:5910044	SSF x Near_LoA	-8,677	-0,070	0,285
CHR14	5912981	CHR14:5912981	SSF x Near_LoA	-11,173	-0,015	0,277
CHR14	5913053	CHR14:5913053	SSF x Near_LoA	-9,759	-0,085	0,266
CHR14	5913182	CHR14:5913182	SSF x Near_LoA	-6,920	-0,073	0,285
CHR14	5919776	CHR14:5919776	SSF x Near_LoA	-7,399	0,047	0,296
CHR14	5923648	CHR14:5923648	SSF x Near_LoA	-6,620	-0,116	0,292
CHR14	5923813	CHR14:5923813	SSF x Near_LoA	-7,499	-0,021	0,295
CHR14	5950409	CHR14:5950409	SSF x Near_LoA	-8,714	-0,032	0,272
CHR14	5950430	CHR14:5950430	SSF x Near_LoA	-8,214	0,051	0,265
CHR14	5964865	CHR14:5964865	SSF x Near_LoA	-6,707	-0,097	0,281
CHR14	5973321	CHR14:5973321	SSF x Near_LoA	-5,825	-0,166	0,299
CHR14	5973354	CHR14:5973354	SSF x Near_LoA	-8,988	0,020	0,286
CHR14	5973383	CHR14:5973383	SSF x Near_LoA	-10,063	-0,039	0,280
CHR14	601916	CHR14:601916	SSF x Near_LoA	-6,238	-0,129	0,287
CHR14	6033792	CHR14:6033792	SSF x Near_LoA	-6,291	0,104	0,280
CHR14	6033793	CHR14:6033793	SSF x Near_LoA	-7,467	0,073	0,274
CHR14	6033923	CHR14:6033923	SSF x Near_LoA	-7,823	0,012	0,283
CHR14	6045736	CHR14:6045736	SSF x Near_LoA	-9,110	-0,054	0,298
CHR14	6045819	CHR14:6045819	SSF x Near_LoA	-9,911	-0,004	0,291
CHR14	6045847	CHR14:6045847	SSF x Near_LoA	-9,255	-0,101	0,277
CHR14	6045857	CHR14:6045857	SSF x Near_LoA	-8,280	0,133	0,284
CHR14	6045919	CHR14:6045919	SSF x Near_LoA	-8,593	-0,056	0,287
CHR14	6045957	CHR14:6045957	SSF x Near_LoA	-9,419	0,032	0,279
CHR14	6045962	CHR14:6045962	SSF x Near_LoA	-9,906	0,062	0,294
CHR14	6055461	CHR14:6055461	SSF x Near_LoA	-7,808	0,009	0,289
CHR14	6055631	CHR14:6055631	SSF x Near_LoA	-5,323	-0,029	0,284
CHR14	6056974	CHR14:6056974	SSF x Near_LoA	-5,872	-0,117	0,285
CHR14	6067329	CHR14:6067329	SSF x Near_LoA	-10,114	0,075	0,283
CHR14	6067450	CHR14:6067450	SSF x Near_LoA	-4,595	-0,245	0,274
CHR14	6098153	CHR14:6098153	SSF x Near_LoA	-0,408	0,235	0,263
CHR14	6098172	CHR14:6098172	SSF x Near_LoA	-6,119	-0,077	0,294
CHR14	6130265	CHR14:6130265	SSF x Near_LoA	-7,509	0,130	0,284
CHR14	6130382	CHR14:6130382	SSF x Near_LoA	-7,802	-0,016	0,293
CHR14	6130421	CHR14:6130421	SSF x Near_LoA	-6,587	-0,055	0,279
CHR14	6136020	CHR14:6136020	SSF x Near_LoA	-7,717	-0,041	0,270
CHR14	6136037	CHR14:6136037	SSF x Near_LoA	-7,684	0,049	0,271
CHR14	6136038	CHR14:6136038	SSF x Near_LoA	-6,751	-0,055	0,273
CHR14	6136204	CHR14:6136204	SSF x Near_LoA	-9,658	0,009	0,284
CHR14	6136256	CHR14:6136256	SSF x Near_LoA	-9,513	-0,005	0,287
CHR14	6158131	CHR14:6158131	SSF x Near_LoA	-4,055	-0,200	0,292

CHR14	6158322	CHR14:6158322	SSF x Near_LoA	-6,736	-0,085	0,284
CHR14	6160215	CHR14:6160215	SSF x Near_LoA	-7,430	-0,021	0,284
CHR14	6160617	CHR14:6160617	SSF x Near_LoA	-8,845	-0,058	0,281
CHR14	6169390	CHR14:6169390	SSF x Near_LoA	-6,560	-0,144	0,263
CHR14	6169465	CHR14:6169465	SSF x Near_LoA	-6,848	-0,176	0,286
CHR14	6177632	CHR14:6177632	SSF x Near_LoA	-8,426	0,015	0,277
CHR14	6177637	CHR14:6177637	SSF x Near_LoA	-6,112	-0,117	0,285
CHR14	6177658	CHR14:6177658	SSF x Near_LoA	0,596	-0,249	0,258
CHR14	6177690	CHR14:6177690	SSF x Near_LoA	-6,764	0,147	0,274
CHR14	6179757	CHR14:6179757	SSF x Near_LoA	-9,066	-0,050	0,294
CHR14	6179761	CHR14:6179761	SSF x Near_LoA	-7,890	0,105	0,287
CHR14	6179798	CHR14:6179798	SSF x Near_LoA	-6,621	-0,095	0,284
CHR14	6179861	CHR14:6179861	SSF x Near_LoA	-9,883	-0,093	0,281
CHR14	6179911	CHR14:6179911	SSF x Near_LoA	-7,909	-0,053	0,284
CHR14	6179920	CHR14:6179920	SSF x Near_LoA	-8,863	-0,016	0,294
CHR14	6186607	CHR14:6186607	SSF x Near_LoA	-9,075	-0,085	0,291
CHR14	6186616	CHR14:6186616	SSF x Near_LoA	-7,242	-0,104	0,281
CHR14	619655	CHR14:619655	SSF x Near_LoA	-6,754	-0,025	0,294
CHR14	6197838	CHR14:6197838	SSF x Near_LoA	-8,803	0,153	0,282
CHR14	6197859	CHR14:6197859	SSF x Near_LoA	1,238	0,166	0,279
CHR14	6197877	CHR14:6197877	SSF x Near_LoA	-9,492	0,006	0,289
CHR14	6197899	CHR14:6197899	SSF x Near_LoA	-8,379	0,094	0,282
CHR14	6197908	CHR14:6197908	SSF x Near_LoA	-7,470	0,110	0,295
CHR14	6197923	CHR14:6197923	SSF x Near_LoA	-9,455	0,072	0,301
CHR14	6197966	CHR14:6197966	SSF x Near_LoA	-7,465	-0,042	0,295
CHR14	6197967	CHR14:6197967	SSF x Near_LoA	-5,581	-0,014	0,289
CHR14	6197998	CHR14:6197998	SSF x Near_LoA	-4,661	-0,138	0,278
CHR14	6198032	CHR14:6198032	SSF x Near_LoA	-10,112	-0,028	0,277
CHR14	6198083	CHR14:6198083	SSF x Near_LoA	-5,443	0,144	0,262
CHR14	620038	CHR14:620038	SSF x Near_LoA	-4,894	-0,016	0,291
CHR14	6201558	CHR14:6201558	SSF x Near_LoA	-6,629	-0,189	0,276
CHR14	6201569	CHR14:6201569	SSF x Near_LoA	-6,258	0,018	0,278
CHR14	6201581	CHR14:6201581	SSF x Near_LoA	-4,110	-0,083	0,278
CHR14	6201585	CHR14:6201585	SSF x Near_LoA	-6,630	0,138	0,292
CHR14	6201639	CHR14:6201639	SSF x Near_LoA	-7,179	-0,121	0,280
CHR14	6217958	CHR14:6217958	SSF x Near_LoA	-6,995	-0,118	0,297
CHR14	6224060	CHR14:6224060	SSF x Near_LoA	-6,935	0,053	0,285
CHR14	6224067	CHR14:6224067	SSF x Near_LoA	-8,462	-0,015	0,283
CHR14	6258862	CHR14:6258862	SSF x Near_LoA	-8,282	-0,060	0,287
CHR14	6258961	CHR14:6258961	SSF x Near_LoA	-7,973	-0,033	0,281
CHR14	6258973	CHR14:6258973	SSF x Near_LoA	-9,251	0,029	0,291
CHR14	6259004	CHR14:6259004	SSF x Near_LoA	-8,227	0,151	0,271
CHR14	6262713	CHR14:6262713	SSF x Near_LoA	-8,158	-0,011	0,278
CHR14	6262742	CHR14:6262742	SSF x Near_LoA	-6,444	-0,035	0,287
CHR14	6262887	CHR14:6262887	SSF x Near_LoA	-5,105	0,097	0,284
CHR14	6287764	CHR14:6287764	SSF x Near_LoA	-8,532	0,021	0,280
CHR14	6287766	CHR14:6287766	SSF x Near_LoA	-5,977	0,056	0,279
CHR14	6287816	CHR14:6287816	SSF x Near_LoA	-8,460	-0,042	0,272
CHR14	6287845	CHR14:6287845	SSF x Near_LoA	-8,487	-0,103	0,283
CHR14	6292953	CHR14:6292953	SSF x Near_LoA	-8,866	-0,059	0,295
CHR14	6293100	CHR14:6293100	SSF x Near_LoA	-6,241	0,101	0,284
CHR14	6293189	CHR14:6293189	SSF x Near_LoA	-9,293	0,019	0,290
CHR14	6298849	CHR14:6298849	SSF x Near_LoA	-6,953	-0,022	0,281

CHR14	6298888	CHR14:6298888	SSF x Near_LoA	-8,959	-0,034	0,283
CHR14	6298941	CHR14:6298941	SSF x Near_LoA	-5,093	0,075	0,276
CHR14	6298960	CHR14:6298960	SSF x Near_LoA	-9,144	-0,083	0,273
CHR14	6299585	CHR14:6299585	SSF x Near_LoA	-8,000	0,042	0,289
CHR14	6299592	CHR14:6299592	SSF x Near_LoA	-10,175	-0,013	0,296
CHR14	6299639	CHR14:6299639	SSF x Near_LoA	-9,623	-0,022	0,297
CHR14	6299733	CHR14:6299733	SSF x Near_LoA	-8,395	-0,150	0,286
CHR14	6299771	CHR14:6299771	SSF x Near_LoA	-6,521	0,002	0,303
CHR14	6318187	CHR14:6318187	SSF x Near_LoA	-6,133	0,105	0,287
CHR14	631858	CHR14:631858	SSF x Near_LoA	-4,031	-0,080	0,284
CHR14	632136	CHR14:632136	SSF x Near_LoA	-7,692	0,050	0,280
CHR14	632141	CHR14:632141	SSF x Near_LoA	-8,264	0,058	0,271
CHR14	6321828	CHR14:6321828	SSF x Near_LoA	-8,441	-0,162	0,279
CHR14	6322121	CHR14:6322121	SSF x Near_LoA	-6,110	-0,166	0,259
CHR14	6333110	CHR14:6333110	SSF x Near_LoA	-6,322	-0,007	0,305
CHR14	6345564	CHR14:6345564	SSF x Near_LoA	-10,740	-0,011	0,279
CHR14	6352512	CHR14:6352512	SSF x Near_LoA	-10,323	-0,037	0,278
CHR14	6358936	CHR14:6358936	SSF x Near_LoA	-7,297	0,128	0,286
CHR14	6358983	CHR14:6358983	SSF x Near_LoA	-6,919	-0,163	0,270
CHR14	6373615	CHR14:6373615	SSF x Near_LoA	-7,336	0,105	0,281
CHR14	6424898	CHR14:6424898	SSF x Near_LoA	-8,759	-0,068	0,299
CHR14	6424919	CHR14:6424919	SSF x Near_LoA	-6,363	-0,041	0,286
CHR14	6425776	CHR14:6425776	SSF x Near_LoA	-8,645	0,056	0,289
CHR14	6425883	CHR14:6425883	SSF x Near_LoA	-10,392	0,019	0,282
CHR14	6425893	CHR14:6425893	SSF x Near_LoA	-10,044	-0,010	0,289
CHR14	6427765	CHR14:6427765	SSF x Near_LoA	-10,478	-0,094	0,268
CHR14	6427786	CHR14:6427786	SSF x Near_LoA	-6,963	-0,154	0,292
CHR14	6427843	CHR14:6427843	SSF x Near_LoA	-9,810	0,110	0,286
CHR14	6427932	CHR14:6427932	SSF x Near_LoA	-9,495	-0,093	0,291
CHR14	6437244	CHR14:6437244	SSF x Near_LoA	-7,152	-0,165	0,292
CHR14	6437333	CHR14:6437333	SSF x Near_LoA	-1,262	-0,158	0,282
CHR14	6439651	CHR14:6439651	SSF x Near_LoA	-7,379	-0,097	0,294
CHR14	6439699	CHR14:6439699	SSF x Near_LoA	-8,127	0,120	0,283
CHR14	6439716	CHR14:6439716	SSF x Near_LoA	-8,245	0,011	0,292
CHR14	6439730	CHR14:6439730	SSF x Near_LoA	-7,154	0,084	0,283
CHR14	6439752	CHR14:6439752	SSF x Near_LoA	-7,252	0,069	0,293
CHR14	6459309	CHR14:6459309	SSF x Near_LoA	-7,332	-0,092	0,297
CHR14	6459318	CHR14:6459318	SSF x Near_LoA	-7,163	-0,100	0,285
CHR14	6459360	CHR14:6459360	SSF x Near_LoA	-6,811	0,082	0,289
CHR14	6459416	CHR14:6459416	SSF x Near_LoA	-7,710	0,135	0,265
CHR14	6459430	CHR14:6459430	SSF x Near_LoA	-8,440	-0,066	0,285
CHR14	6459477	CHR14:6459477	SSF x Near_LoA	-6,663	0,107	0,289
CHR14	6459577	CHR14:6459577	SSF x Near_LoA	-9,722	-0,044	0,290
CHR14	6466101	CHR14:6466101	SSF x Near_LoA	-6,935	-0,101	0,280
CHR14	6466181	CHR14:6466181	SSF x Near_LoA	-7,598	0,061	0,297
CHR14	6562774	CHR14:6562774	SSF x Near_LoA	-7,974	-0,020	0,290
CHR14	6563847	CHR14:6563847	SSF x Near_LoA	-6,655	0,193	0,298
CHR14	6563972	CHR14:6563972	SSF x Near_LoA	-8,166	-0,104	0,310
CHR14	6564798	CHR14:6564798	SSF x Near_LoA	-7,378	0,071	0,274
CHR14	6564879	CHR14:6564879	SSF x Near_LoA	-6,539	-0,099	0,287
CHR14	6567879	CHR14:6567879	SSF x Near_LoA	-9,261	0,062	0,288
CHR14	6569443	CHR14:6569443	SSF x Near_LoA	-9,970	-0,042	0,298
CHR14	6571651	CHR14:6571651	SSF x Near_LoA	-7,993	0,020	0,273

CHR14	6571761	CHR14:6571761	SSF x Near_LoA	-9,560	0,051	0,281
CHR14	6578299	CHR14:6578299	SSF x Near_LoA	-9,845	-0,058	0,291
CHR14	6578605	CHR14:6578605	SSF x Near_LoA	-10,032	0,025	0,287
CHR14	6578641	CHR14:6578641	SSF x Near_LoA	-8,040	-0,011	0,282
CHR14	6578649	CHR14:6578649	SSF x Near_LoA	-8,417	0,039	0,297
CHR14	6580644	CHR14:6580644	SSF x Near_LoA	-6,412	0,106	0,266
CHR14	6580659	CHR14:6580659	SSF x Near_LoA	-7,009	0,123	0,261
CHR14	6580687	CHR14:6580687	SSF x Near_LoA	-8,357	0,018	0,300
CHR14	6581871	CHR14:6581871	SSF x Near_LoA	-8,073	-0,159	0,291
CHR14	6581885	CHR14:6581885	SSF x Near_LoA	-5,676	0,028	0,299
CHR14	6595052	CHR14:6595052	SSF x Near_LoA	-7,693	-0,127	0,293
CHR14	6625302	CHR14:6625302	SSF x Near_LoA	-8,214	0,029	0,290
CHR14	6633278	CHR14:6633278	SSF x Near_LoA	-10,174	0,047	0,284
CHR14	664031	CHR14:664031	SSF x Near_LoA	-7,676	0,008	0,297
CHR14	6652444	CHR14:6652444	SSF x Near_LoA	-6,369	-0,079	0,291
CHR14	6652482	CHR14:6652482	SSF x Near_LoA	-1,695	0,324	0,257
CHR14	6652551	CHR14:6652551	SSF x Near_LoA	-6,047	-0,170	0,283
CHR14	6652587	CHR14:6652587	SSF x Near_LoA	-8,694	-0,106	0,276
CHR14	6656231	CHR14:6656231	SSF x Near_LoA	-5,173	0,148	0,266
CHR14	6656262	CHR14:6656262	SSF x Near_LoA	-8,865	-0,089	0,288
CHR14	6656363	CHR14:6656363	SSF x Near_LoA	-6,457	-0,076	0,281
CHR14	6656376	CHR14:6656376	SSF x Near_LoA	-5,054	-0,007	0,298
CHR14	6656380	CHR14:6656380	SSF x Near_LoA	-8,091	0,005	0,282
CHR14	6656384	CHR14:6656384	SSF x Near_LoA	-7,459	0,073	0,275
CHR14	6656388	CHR14:6656388	SSF x Near_LoA	-6,755	0,066	0,286
CHR14	6666651	CHR14:6666651	SSF x Near_LoA	-8,231	0,009	0,282
CHR14	6666699	CHR14:6666699	SSF x Near_LoA	-9,973	-0,052	0,284
CHR14	6669087	CHR14:6669087	SSF x Near_LoA	-5,699	-0,158	0,270
CHR14	6671123	CHR14:6671123	SSF x Near_LoA	-10,025	0,132	0,270
CHR14	6681180	CHR14:6681180	SSF x Near_LoA	-7,678	0,095	0,285
CHR14	6681241	CHR14:6681241	SSF x Near_LoA	-7,635	0,007	0,281
CHR14	6681313	CHR14:6681313	SSF x Near_LoA	-9,655	-0,008	0,278
CHR14	6689586	CHR14:6689586	SSF x Near_LoA	-8,875	-0,045	0,287
CHR14	6694316	CHR14:6694316	SSF x Near_LoA	-7,530	-0,156	0,284
CHR14	6694337	CHR14:6694337	SSF x Near_LoA	-9,774	0,037	0,290
CHR14	6694359	CHR14:6694359	SSF x Near_LoA	-4,526	0,192	0,276
CHR14	6694371	CHR14:6694371	SSF x Near_LoA	-6,803	0,079	0,287
CHR14	6694385	CHR14:6694385	SSF x Near_LoA	-10,855	-0,002	0,287
CHR14	6694391	CHR14:6694391	SSF x Near_LoA	-7,776	0,058	0,291
CHR14	6694414	CHR14:6694414	SSF x Near_LoA	-7,155	0,036	0,285
CHR14	6694418	CHR14:6694418	SSF x Near_LoA	-9,016	-0,026	0,286
CHR14	6694440	CHR14:6694440	SSF x Near_LoA	-8,993	-0,114	0,290
CHR14	6694446	CHR14:6694446	SSF x Near_LoA	-7,388	-0,113	0,287
CHR14	6694447	CHR14:6694447	SSF x Near_LoA	-8,350	-0,109	0,296
CHR14	6694469	CHR14:6694469	SSF x Near_LoA	-7,011	-0,097	0,293
CHR14	6694622	CHR14:6694622	SSF x Near_LoA	-7,026	-0,063	0,293
CHR14	6694623	CHR14:6694623	SSF x Near_LoA	-7,879	-0,066	0,279
CHR14	6694624	CHR14:6694624	SSF x Near_LoA	-6,279	-0,112	0,277
CHR14	6694626	CHR14:6694626	SSF x Near_LoA	-7,551	-0,067	0,275
CHR14	6694727	CHR14:6694727	SSF x Near_LoA	-8,335	-0,082	0,298
CHR14	6724210	CHR14:6724210	SSF x Near_LoA	-5,880	-0,081	0,283
CHR14	6724302	CHR14:6724302	SSF x Near_LoA	-8,162	-0,081	0,299
CHR14	6726246	CHR14:6726246	SSF x Near_LoA	-6,237	-0,046	0,284

CHR14	6726297	CHR14:6726297	SSF x Near_LoA	-6,381	-0,060	0,287
CHR14	6742909	CHR14:6742909	SSF x Near_LoA	-6,910	-0,030	0,283
CHR14	6742917	CHR14:6742917	SSF x Near_LoA	-3,748	-0,179	0,276
CHR14	6742942	CHR14:6742942	SSF x Near_LoA	-6,844	0,072	0,299
CHR14	6742987	CHR14:6742987	SSF x Near_LoA	-5,868	0,216	0,256
CHR14	6743001	CHR14:6743001	SSF x Near_LoA	-6,126	-0,175	0,282
CHR14	6743073	CHR14:6743073	SSF x Near_LoA	-9,928	0,118	0,276
CHR14	6743086	CHR14:6743086	SSF x Near_LoA	-7,083	-0,084	0,312
CHR14	6743196	CHR14:6743196	SSF x Near_LoA	-3,245	0,272	0,267
CHR14	6743201	CHR14:6743201	SSF x Near_LoA	-5,977	0,076	0,293
CHR14	6746618	CHR14:6746618	SSF x Near_LoA	-8,307	0,020	0,271
CHR14	6746741	CHR14:6746741	SSF x Near_LoA	-10,292	-0,001	0,287
CHR14	6746995	CHR14:6746995	SSF x Near_LoA	-1,008	0,131	0,295
CHR14	6767119	CHR14:6767119	SSF x Near_LoA	-10,177	-0,041	0,293
CHR14	6767170	CHR14:6767170	SSF x Near_LoA	-7,963	0,051	0,284
CHR14	6774462	CHR14:6774462	SSF x Near_LoA	-7,385	0,098	0,285
CHR14	6774468	CHR14:6774468	SSF x Near_LoA	-10,275	0,057	0,277
CHR14	6775258	CHR14:6775258	SSF x Near_LoA	-2,057	0,066	0,278
CHR14	6783250	CHR14:6783250	SSF x Near_LoA	-8,767	-0,054	0,281
CHR14	6829015	CHR14:6829015	SSF x Near_LoA	-7,774	-0,058	0,278
CHR14	6841611	CHR14:6841611	SSF x Near_LoA	-9,395	0,010	0,295
CHR14	6907429	CHR14:6907429	SSF x Near_LoA	-7,221	-0,029	0,300
CHR14	6913340	CHR14:6913340	SSF x Near_LoA	-9,736	0,029	0,283
CHR14	6927335	CHR14:6927335	SSF x Near_LoA	-10,345	0,009	0,285
CHR14	6968579	CHR14:6968579	SSF x Near_LoA	-8,580	0,019	0,280
CHR14	6975464	CHR14:6975464	SSF x Near_LoA	-8,531	0,078	0,282
CHR14	6975478	CHR14:6975478	SSF x Near_LoA	-10,351	-0,041	0,284
CHR14	6975488	CHR14:6975488	SSF x Near_LoA	-10,122	-0,049	0,294
CHR14	6975500	CHR14:6975500	SSF x Near_LoA	-9,771	-0,065	0,269
CHR14	6975505	CHR14:6975505	SSF x Near_LoA	-9,902	0,045	0,282
CHR14	6975635	CHR14:6975635	SSF x Near_LoA	-8,823	0,023	0,294
CHR14	6975649	CHR14:6975649	SSF x Near_LoA	-9,554	0,014	0,279
CHR14	6982913	CHR14:6982913	SSF x Near_LoA	-8,173	-0,058	0,298
CHR14	6991851	CHR14:6991851	SSF x Near_LoA	-7,188	-0,017	0,298
CHR14	6991852	CHR14:6991852	SSF x Near_LoA	-7,031	-0,037	0,298
CHR14	6991874	CHR14:6991874	SSF x Near_LoA	-4,091	0,120	0,282
CHR14	6991915	CHR14:6991915	SSF x Near_LoA	-7,344	0,088	0,292
CHR14	6991920	CHR14:6991920	SSF x Near_LoA	-8,381	0,020	0,291
CHR14	6991927	CHR14:6991927	SSF x Near_LoA	-10,753	-0,011	0,288
CHR14	6991937	CHR14:6991937	SSF x Near_LoA	-7,687	-0,111	0,285
CHR14	6992043	CHR14:6992043	SSF x Near_LoA	-6,138	-0,115	0,281
CHR14	6992048	CHR14:6992048	SSF x Near_LoA	-5,752	0,170	0,275
CHR14	7034058	CHR14:7034058	SSF x Near_LoA	-7,947	0,076	0,282
CHR14	7034918	CHR14:7034918	SSF x Near_LoA	-7,678	0,053	0,276
CHR14	7046395	CHR14:7046395	SSF x Near_LoA	-7,412	0,108	0,287
CHR14	7046473	CHR14:7046473	SSF x Near_LoA	-7,714	-0,143	0,287
CHR14	7046551	CHR14:7046551	SSF x Near_LoA	-8,826	-0,026	0,279
CHR14	7046625	CHR14:7046625	SSF x Near_LoA	-8,344	0,059	0,285
CHR14	707565	CHR14:707565	SSF x Near_LoA	-5,571	0,081	0,274
CHR14	7087565	CHR14:7087565	SSF x Near_LoA	-8,699	0,038	0,290
CHR14	7087718	CHR14:7087718	SSF x Near_LoA	-10,113	-0,056	0,283
CHR14	7097205	CHR14:7097205	SSF x Near_LoA	-9,995	0,007	0,278
CHR14	7097347	CHR14:7097347	SSF x Near_LoA	-6,130	0,102	0,295

CHR14	7102825	CHR14:7102825	SSF x Near_LoA	-7,549	-0,076	0,285
CHR14	7102912	CHR14:7102912	SSF x Near_LoA	-7,260	0,061	0,290
CHR14	7102914	CHR14:7102914	SSF x Near_LoA	-8,877	0,044	0,279
CHR14	7102946	CHR14:7102946	SSF x Near_LoA	-5,849	0,003	0,289
CHR14	7103009	CHR14:7103009	SSF x Near_LoA	-10,189	0,057	0,289
CHR14	7103123	CHR14:7103123	SSF x Near_LoA	-10,289	0,053	0,286
CHR14	7110639	CHR14:7110639	SSF x Near_LoA	-9,267	-0,001	0,283
CHR14	7122508	CHR14:7122508	SSF x Near_LoA	-6,097	0,177	0,286
CHR14	7133299	CHR14:7133299	SSF x Near_LoA	-0,977	-0,157	0,289
CHR14	7133336	CHR14:7133336	SSF x Near_LoA	-3,092	-0,174	0,290
CHR14	715410	CHR14:715410	SSF x Near_LoA	-7,692	0,061	0,285
CHR14	715608	CHR14:715608	SSF x Near_LoA	-7,079	0,124	0,286
CHR14	7163478	CHR14:7163478	SSF x Near_LoA	-8,827	-0,090	0,285
CHR14	728779	CHR14:728779	SSF x Near_LoA	-4,578	0,194	0,274
CHR14	729859	CHR14:729859	SSF x Near_LoA	-7,090	0,101	0,296
CHR14	7321425	CHR14:7321425	SSF x Near_LoA	-10,170	-0,007	0,282
CHR14	7321569	CHR14:7321569	SSF x Near_LoA	-9,568	-0,059	0,279
CHR14	732701	CHR14:732701	SSF x Near_LoA	-5,331	-0,060	0,282
CHR14	7343910	CHR14:7343910	SSF x Near_LoA	3,466	-0,073	0,287
CHR14	7396883	CHR14:7396883	SSF x Near_LoA	-10,154	-0,015	0,282
CHR14	7396946	CHR14:7396946	SSF x Near_LoA	-9,948	0,015	0,277
CHR14	7419431	CHR14:7419431	SSF x Near_LoA	-5,741	0,118	0,277
CHR14	7421168	CHR14:7421168	SSF x Near_LoA	-8,153	0,024	0,284
CHR14	7421272	CHR14:7421272	SSF x Near_LoA	-6,218	0,046	0,282
CHR14	7421289	CHR14:7421289	SSF x Near_LoA	-7,389	0,040	0,279
CHR14	7421293	CHR14:7421293	SSF x Near_LoA	-9,314	-0,107	0,288
CHR14	7421353	CHR14:7421353	SSF x Near_LoA	-7,938	0,034	0,285
CHR14	7421358	CHR14:7421358	SSF x Near_LoA	-8,912	-0,050	0,289
CHR14	7421363	CHR14:7421363	SSF x Near_LoA	-7,057	-0,066	0,288
CHR14	7421374	CHR14:7421374	SSF x Near_LoA	-8,617	0,101	0,277
CHR14	7421397	CHR14:7421397	SSF x Near_LoA	-9,357	-0,017	0,292
CHR14	7434991	CHR14:7434991	SSF x Near_LoA	-9,455	0,084	0,284
CHR14	7443553	CHR14:7443553	SSF x Near_LoA	-6,952	-0,045	0,280
CHR14	7454113	CHR14:7454113	SSF x Near_LoA	-1,267	-0,023	0,274
CHR14	7454116	CHR14:7454116	SSF x Near_LoA	-8,031	-0,008	0,285
CHR14	7454120	CHR14:7454120	SSF x Near_LoA	-9,002	0,059	0,296
CHR14	7454129	CHR14:7454129	SSF x Near_LoA	-7,469	0,117	0,290
CHR14	7454134	CHR14:7454134	SSF x Near_LoA	-5,159	-0,048	0,283
CHR14	7454212	CHR14:7454212	SSF x Near_LoA	-9,061	0,108	0,297
CHR14	7454295	CHR14:7454295	SSF x Near_LoA	-2,822	-0,208	0,271
CHR14	7454398	CHR14:7454398	SSF x Near_LoA	-6,539	0,126	0,273
CHR14	7454408	CHR14:7454408	SSF x Near_LoA	-6,014	-0,068	0,298
CHR14	7454411	CHR14:7454411	SSF x Near_LoA	-8,148	-0,012	0,284
CHR14	7454434	CHR14:7454434	SSF x Near_LoA	-6,727	-0,057	0,295
CHR14	7461659	CHR14:7461659	SSF x Near_LoA	-3,723	0,074	0,282
CHR14	7478874	CHR14:7478874	SSF x Near_LoA	-7,574	0,010	0,306
CHR14	7478897	CHR14:7478897	SSF x Near_LoA	-10,574	-0,092	0,292
CHR14	7478898	CHR14:7478898	SSF x Near_LoA	-8,391	0,097	0,292
CHR14	7478940	CHR14:7478940	SSF x Near_LoA	-7,333	-0,044	0,292
CHR14	7478967	CHR14:7478967	SSF x Near_LoA	-6,889	-0,114	0,276
CHR14	7503072	CHR14:7503072	SSF x Near_LoA	-8,269	-0,016	0,282
CHR14	7505111	CHR14:7505111	SSF x Near_LoA	-9,283	-0,030	0,288
CHR14	7505141	CHR14:7505141	SSF x Near_LoA	-8,380	-0,033	0,284

CHR14	7505154	CHR14:7505154	SSF x Near_LoA	-7,748	-0,067	0,268
CHR14	7514348	CHR14:7514348	SSF x Near_LoA	-10,737	-0,017	0,290
CHR14	752911	CHR14:752911	SSF x Near_LoA	-4,912	-0,196	0,266
CHR14	753138	CHR14:753138	SSF x Near_LoA	-5,751	-0,165	0,282
CHR14	754270	CHR14:754270	SSF x Near_LoA	-6,998	0,118	0,285
CHR14	754401	CHR14:754401	SSF x Near_LoA	-8,971	0,034	0,294
CHR14	7547354	CHR14:7547354	SSF x Near_LoA	-7,384	0,095	0,275
CHR14	7547420	CHR14:7547420	SSF x Near_LoA	-7,621	0,084	0,285
CHR14	7547443	CHR14:7547443	SSF x Near_LoA	-8,694	-0,093	0,277
CHR14	7547525	CHR14:7547525	SSF x Near_LoA	-7,292	-0,068	0,303
CHR14	7547526	CHR14:7547526	SSF x Near_LoA	-4,623	-0,067	0,283
CHR14	7557250	CHR14:7557250	SSF x Near_LoA	-7,402	0,070	0,284
CHR14	7557277	CHR14:7557277	SSF x Near_LoA	-9,839	-0,038	0,280
CHR14	7559766	CHR14:7559766	SSF x Near_LoA	-8,049	0,052	0,274
CHR14	7559826	CHR14:7559826	SSF x Near_LoA	-7,787	-0,059	0,289
CHR14	7574395	CHR14:7574395	SSF x Near_LoA	-3,449	0,164	0,292
CHR14	7574454	CHR14:7574454	SSF x Near_LoA	-6,998	-0,066	0,291
CHR14	7574458	CHR14:7574458	SSF x Near_LoA	-7,486	-0,112	0,279
CHR14	759816	CHR14:759816	SSF x Near_LoA	-9,932	0,073	0,292
CHR14	761032	CHR14:761032	SSF x Near_LoA	-7,948	0,016	0,281
CHR14	761064	CHR14:761064	SSF x Near_LoA	-6,727	-0,005	0,285
CHR14	7615570	CHR14:7615570	SSF x Near_LoA	-5,697	0,048	0,278
CHR14	7615613	CHR14:7615613	SSF x Near_LoA	-5,263	0,222	0,268
CHR14	7616203	CHR14:7616203	SSF x Near_LoA	-7,238	-0,027	0,299
CHR14	7622180	CHR14:7622180	SSF x Near_LoA	-5,827	-0,124	0,295
CHR14	7630206	CHR14:7630206	SSF x Near_LoA	-8,243	-0,056	0,267
CHR14	7630244	CHR14:7630244	SSF x Near_LoA	-6,402	0,075	0,292
CHR14	7630262	CHR14:7630262	SSF x Near_LoA	-2,144	0,117	0,279
CHR14	7648843	CHR14:7648843	SSF x Near_LoA	-7,320	-0,034	0,300
CHR14	7648853	CHR14:7648853	SSF x Near_LoA	-7,442	-0,018	0,306
CHR14	7648872	CHR14:7648872	SSF x Near_LoA	-8,224	-0,074	0,288
CHR14	7648874	CHR14:7648874	SSF x Near_LoA	-8,227	0,026	0,284
CHR14	7648882	CHR14:7648882	SSF x Near_LoA	-7,991	-0,011	0,287
CHR14	765158	CHR14:765158	SSF x Near_LoA	-5,830	-0,069	0,273
CHR14	765222	CHR14:765222	SSF x Near_LoA	-7,791	-0,079	0,293
CHR14	7672739	CHR14:7672739	SSF x Near_LoA	-7,610	-0,013	0,287
CHR14	7672742	CHR14:7672742	SSF x Near_LoA	-6,281	0,000	0,285
CHR14	7672767	CHR14:7672767	SSF x Near_LoA	-8,350	-0,042	0,277
CHR14	7673715	CHR14:7673715	SSF x Near_LoA	-8,317	-0,044	0,288
CHR14	7673862	CHR14:7673862	SSF x Near_LoA	-5,546	-0,226	0,279
CHR14	7673895	CHR14:7673895	SSF x Near_LoA	-2,579	0,130	0,285
CHR14	7673911	CHR14:7673911	SSF x Near_LoA	-7,537	0,094	0,289
CHR14	7675001	CHR14:7675001	SSF x Near_LoA	-5,704	-0,074	0,295
CHR14	7675018	CHR14:7675018	SSF x Near_LoA	-9,679	0,083	0,300
CHR14	7675023	CHR14:7675023	SSF x Near_LoA	-9,312	-0,007	0,285
CHR14	7688300	CHR14:7688300	SSF x Near_LoA	-8,563	-0,036	0,283
CHR14	7688373	CHR14:7688373	SSF x Near_LoA	-6,528	0,060	0,288
CHR14	7688443	CHR14:7688443	SSF x Near_LoA	-4,931	-0,159	0,278
CHR14	7694375	CHR14:7694375	SSF x Near_LoA	-9,011	0,117	0,290
CHR14	7694424	CHR14:7694424	SSF x Near_LoA	-8,318	-0,115	0,280
CHR14	7694437	CHR14:7694437	SSF x Near_LoA	-8,538	0,089	0,288
CHR14	7694463	CHR14:7694463	SSF x Near_LoA	-9,940	0,032	0,281
CHR14	7696876	CHR14:7696876	SSF x Near_LoA	-9,709	-0,019	0,296

CHR14	7697122	CHR14:7697122	SSF x Near_LoA	-10,520	-0,013	0,282
CHR14	7697156	CHR14:7697156	SSF x Near_LoA	-7,864	0,018	0,286
CHR14	7703199	CHR14:7703199	SSF x Near_LoA	-8,705	-0,157	0,274
CHR14	7703569	CHR14:7703569	SSF x Near_LoA	-8,310	-0,011	0,305
CHR14	7705448	CHR14:7705448	SSF x Near_LoA	-6,523	-0,148	0,275
CHR14	7705483	CHR14:7705483	SSF x Near_LoA	-8,447	0,042	0,287
CHR14	7705610	CHR14:7705610	SSF x Near_LoA	-10,339	-0,001	0,304
CHR14	7705617	CHR14:7705617	SSF x Near_LoA	-9,689	-0,111	0,273
CHR14	770937	CHR14:770937	SSF x Near_LoA	-9,133	0,053	0,288
CHR14	771028	CHR14:771028	SSF x Near_LoA	-7,662	-0,076	0,286
CHR14	7733524	CHR14:7733524	SSF x Near_LoA	-8,958	-0,021	0,298
CHR14	7737559	CHR14:7737559	SSF x Near_LoA	-7,980	0,008	0,275
CHR14	7737620	CHR14:7737620	SSF x Near_LoA	-7,818	0,046	0,287
CHR14	7773716	CHR14:7773716	SSF x Near_LoA	-8,231	-0,125	0,277
CHR14	779081	CHR14:779081	SSF x Near_LoA	-7,623	0,172	0,271
CHR14	7803989	CHR14:7803989	SSF x Near_LoA	1,395	-0,005	0,275
CHR14	7803995	CHR14:7803995	SSF x Near_LoA	-8,506	0,139	0,280
CHR14	7804032	CHR14:7804032	SSF x Near_LoA	-3,751	-0,002	0,291
CHR14	7810999	CHR14:7810999	SSF x Near_LoA	-5,860	0,098	0,272
CHR14	7811001	CHR14:7811001	SSF x Near_LoA	-7,187	0,083	0,266
CHR14	7811107	CHR14:7811107	SSF x Near_LoA	-5,734	0,014	0,301
CHR14	7811152	CHR14:7811152	SSF x Near_LoA	-7,026	0,045	0,299
CHR14	7811211	CHR14:7811211	SSF x Near_LoA	-8,231	0,015	0,293
CHR14	7812807	CHR14:7812807	SSF x Near_LoA	-6,814	0,146	0,264
CHR14	7812855	CHR14:7812855	SSF x Near_LoA	-7,420	-0,013	0,289
CHR14	7812922	CHR14:7812922	SSF x Near_LoA	-3,909	-0,048	0,289
CHR14	7812929	CHR14:7812929	SSF x Near_LoA	-7,003	-0,048	0,282
CHR14	7819910	CHR14:7819910	SSF x Near_LoA	-6,897	-0,070	0,264
CHR14	7819944	CHR14:7819944	SSF x Near_LoA	-8,969	-0,091	0,255
CHR14	7819964	CHR14:7819964	SSF x Near_LoA	-8,294	-0,052	0,270
CHR14	7819968	CHR14:7819968	SSF x Near_LoA	-7,992	-0,021	0,289
CHR14	7820069	CHR14:7820069	SSF x Near_LoA	-6,641	0,091	0,276
CHR14	7820158	CHR14:7820158	SSF x Near_LoA	-9,226	-0,024	0,290
CHR14	7820170	CHR14:7820170	SSF x Near_LoA	-6,744	-0,045	0,297
CHR14	7820232	CHR14:7820232	SSF x Near_LoA	-9,658	-0,001	0,292
CHR14	7820245	CHR14:7820245	SSF x Near_LoA	-2,108	-0,146	0,286
CHR14	7820252	CHR14:7820252	SSF x Near_LoA	-6,781	-0,131	0,280
CHR14	7835187	CHR14:7835187	SSF x Near_LoA	-7,036	-0,035	0,261
CHR14	7835326	CHR14:7835326	SSF x Near_LoA	-6,352	0,195	0,277
CHR14	7848504	CHR14:7848504	SSF x Near_LoA	-4,069	0,085	0,296
CHR14	7848653	CHR14:7848653	SSF x Near_LoA	-8,268	0,028	0,287
CHR14	7848693	CHR14:7848693	SSF x Near_LoA	-9,152	0,073	0,298
CHR14	7848743	CHR14:7848743	SSF x Near_LoA	-7,855	-0,083	0,289
CHR14	7853931	CHR14:7853931	SSF x Near_LoA	-10,150	0,025	0,293
CHR14	7853960	CHR14:7853960	SSF x Near_LoA	-8,059	0,175	0,282
CHR14	7853979	CHR14:7853979	SSF x Near_LoA	-10,369	-0,092	0,286
CHR14	7855279	CHR14:7855279	SSF x Near_LoA	-9,183	0,047	0,267
CHR14	7855327	CHR14:7855327	SSF x Near_LoA	-7,028	-0,124	0,282
CHR14	7855425	CHR14:7855425	SSF x Near_LoA	-7,213	-0,158	0,278
CHR14	7855450	CHR14:7855450	SSF x Near_LoA	-1,607	-0,130	0,288
CHR14	7861358	CHR14:7861358	SSF x Near_LoA	-3,965	-0,129	0,289
CHR14	7863736	CHR14:7863736	SSF x Near_LoA	-9,655	0,044	0,290
CHR14	7885345	CHR14:7885345	SSF x Near_LoA	-6,720	0,094	0,294

CHR14	7908118	CHR14:7908118	SSF x Near_LoA	-9,405	-0,051	0,274
CHR14	7942907	CHR14:7942907	SSF x Near_LoA	-10,131	-0,002	0,296
CHR14	7955538	CHR14:7955538	SSF x Near_LoA	-2,661	-0,231	0,273
CHR14	7960191	CHR14:7960191	SSF x Near_LoA	-9,793	-0,086	0,292
CHR14	7960192	CHR14:7960192	SSF x Near_LoA	-8,575	0,075	0,286
CHR14	7960223	CHR14:7960223	SSF x Near_LoA	-9,573	0,079	0,283
CHR14	7960247	CHR14:7960247	SSF x Near_LoA	-10,260	0,066	0,283
CHR14	8025724	CHR14:8025724	SSF x Near_LoA	-7,638	-0,126	0,277
CHR14	8063431	CHR14:8063431	SSF x Near_LoA	-5,094	0,209	0,277
CHR14	8072621	CHR14:8072621	SSF x Near_LoA	-8,534	0,050	0,292
CHR14	8072675	CHR14:8072675	SSF x Near_LoA	-2,845	0,017	0,291
CHR14	8072684	CHR14:8072684	SSF x Near_LoA	-8,491	-0,075	0,277
CHR14	8072686	CHR14:8072686	SSF x Near_LoA	-7,927	0,001	0,300
CHR14	8077405	CHR14:8077405	SSF x Near_LoA	-9,747	0,117	0,274
CHR14	8102866	CHR14:8102866	SSF x Near_LoA	-6,644	0,096	0,284
CHR14	8102909	CHR14:8102909	SSF x Near_LoA	-7,670	0,014	0,288
CHR14	8132251	CHR14:8132251	SSF x Near_LoA	-8,350	-0,054	0,284
CHR14	8132254	CHR14:8132254	SSF x Near_LoA	-8,394	-0,070	0,274
CHR14	8132821	CHR14:8132821	SSF x Near_LoA	-8,340	-0,095	0,278
CHR14	8133018	CHR14:8133018	SSF x Near_LoA	-8,233	0,082	0,295
CHR14	8137999	CHR14:8137999	SSF x Near_LoA	-5,543	-0,109	0,290
CHR14	8138017	CHR14:8138017	SSF x Near_LoA	-7,583	-0,162	0,271
CHR14	8138156	CHR14:8138156	SSF x Near_LoA	-4,965	0,113	0,292
CHR14	8143681	CHR14:8143681	SSF x Near_LoA	-10,565	0,015	0,297
CHR14	8143694	CHR14:8143694	SSF x Near_LoA	-9,011	0,072	0,293
CHR14	8143776	CHR14:8143776	SSF x Near_LoA	-9,137	0,022	0,283
CHR14	8143877	CHR14:8143877	SSF x Near_LoA	-5,294	0,043	0,287
CHR14	8143910	CHR14:8143910	SSF x Near_LoA	-5,556	-0,081	0,294
CHR14	8143913	CHR14:8143913	SSF x Near_LoA	-8,704	-0,029	0,278
CHR14	8147561	CHR14:8147561	SSF x Near_LoA	-7,049	0,130	0,277
CHR14	8147979	CHR14:8147979	SSF x Near_LoA	-7,798	-0,136	0,285
CHR14	8148010	CHR14:8148010	SSF x Near_LoA	-6,934	-0,039	0,288
CHR14	8149225	CHR14:8149225	SSF x Near_LoA	-7,936	0,088	0,281
CHR14	8149266	CHR14:8149266	SSF x Near_LoA	-2,058	-0,161	0,267
CHR14	8149268	CHR14:8149268	SSF x Near_LoA	-7,579	-0,013	0,269
CHR14	8149339	CHR14:8149339	SSF x Near_LoA	-6,001	-0,180	0,268
CHR14	8153517	CHR14:8153517	SSF x Near_LoA	-6,574	0,078	0,286
CHR14	8153586	CHR14:8153586	SSF x Near_LoA	-5,862	0,138	0,277
CHR14	8164191	CHR14:8164191	SSF x Near_LoA	-9,497	-0,038	0,286
CHR14	8168133	CHR14:8168133	SSF x Near_LoA	-10,499	0,023	0,296
CHR14	8168538	CHR14:8168538	SSF x Near_LoA	0,063	-0,013	0,275
CHR14	8199692	CHR14:8199692	SSF x Near_LoA	-10,367	-0,105	0,276
CHR14	8199739	CHR14:8199739	SSF x Near_LoA	-8,103	0,100	0,260
CHR14	8201379	CHR14:8201379	SSF x Near_LoA	-8,281	0,012	0,291
CHR14	8201409	CHR14:8201409	SSF x Near_LoA	-9,173	0,046	0,288
CHR14	8201410	CHR14:8201410	SSF x Near_LoA	-7,682	0,024	0,294
CHR14	8201491	CHR14:8201491	SSF x Near_LoA	-9,118	0,078	0,289
CHR14	8201495	CHR14:8201495	SSF x Near_LoA	-9,434	-0,109	0,297
CHR14	8201533	CHR14:8201533	SSF x Near_LoA	-10,182	0,026	0,302
CHR14	8221202	CHR14:8221202	SSF x Near_LoA	-7,965	0,115	0,269
CHR14	8221291	CHR14:8221291	SSF x Near_LoA	-8,575	-0,142	0,281
CHR14	8221340	CHR14:8221340	SSF x Near_LoA	-3,602	0,224	0,274
CHR14	8221351	CHR14:8221351	SSF x Near_LoA	-8,563	0,046	0,289

CHR14	8221390	CHR14:8221390	SSF x Near_LoA	-6,660	-0,124	0,282
CHR14	8221452	CHR14:8221452	SSF x Near_LoA	-6,976	-0,200	0,271
CHR14	8221453	CHR14:8221453	SSF x Near_LoA	-6,009	0,083	0,296
CHR14	8245149	CHR14:8245149	SSF x Near_LoA	-3,913	0,091	0,284
CHR14	8245187	CHR14:8245187	SSF x Near_LoA	-7,102	0,060	0,268
CHR14	8245258	CHR14:8245258	SSF x Near_LoA	-8,660	0,000	0,287
CHR14	8245267	CHR14:8245267	SSF x Near_LoA	-9,697	-0,079	0,286
CHR14	8245365	CHR14:8245365	SSF x Near_LoA	-8,083	0,147	0,284
CHR14	8245390	CHR14:8245390	SSF x Near_LoA	-10,166	-0,028	0,291
CHR14	8247787	CHR14:8247787	SSF x Near_LoA	-9,109	-0,025	0,303
CHR14	8247795	CHR14:8247795	SSF x Near_LoA	-9,570	-0,087	0,286
CHR14	8248367	CHR14:8248367	SSF x Near_LoA	-8,282	-0,041	0,307
CHR14	825320	CHR14:825320	SSF x Near_LoA	-7,513	0,043	0,297
CHR14	8254269	CHR14:8254269	SSF x Near_LoA	-8,365	-0,026	0,286
CHR14	8255771	CHR14:8255771	SSF x Near_LoA	-6,583	0,119	0,284
CHR14	8255891	CHR14:8255891	SSF x Near_LoA	-8,151	-0,095	0,295
CHR14	8255895	CHR14:8255895	SSF x Near_LoA	-8,252	-0,088	0,292
CHR14	8275165	CHR14:8275165	SSF x Near_LoA	-7,425	0,109	0,273
CHR14	8275166	CHR14:8275166	SSF x Near_LoA	-7,665	-0,109	0,289
CHR14	8275185	CHR14:8275185	SSF x Near_LoA	-7,359	-0,144	0,287
CHR14	8275270	CHR14:8275270	SSF x Near_LoA	-6,235	-0,120	0,276
CHR14	8275306	CHR14:8275306	SSF x Near_LoA	-8,031	-0,104	0,285
CHR14	8275317	CHR14:8275317	SSF x Near_LoA	-6,942	-0,022	0,284
CHR14	8279375	CHR14:8279375	SSF x Near_LoA	-9,282	-0,051	0,294
CHR14	8279383	CHR14:8279383	SSF x Near_LoA	-9,719	-0,103	0,290
CHR14	8279493	CHR14:8279493	SSF x Near_LoA	-3,406	-0,038	0,286
CHR14	8310011	CHR14:8310011	SSF x Near_LoA	-9,591	-0,051	0,280
CHR14	8315291	CHR14:8315291	SSF x Near_LoA	-7,134	-0,046	0,282
CHR14	8318434	CHR14:8318434	SSF x Near_LoA	-10,769	-0,021	0,286
CHR14	8318455	CHR14:8318455	SSF x Near_LoA	-7,747	-0,034	0,286
CHR14	832798	CHR14:832798	SSF x Near_LoA	-5,164	0,087	0,279
CHR14	8328137	CHR14:8328137	SSF x Near_LoA	-10,667	0,000	0,290
CHR14	8328171	CHR14:8328171	SSF x Near_LoA	-6,150	0,061	0,290
CHR14	8328248	CHR14:8328248	SSF x Near_LoA	-8,507	-0,067	0,293
CHR14	8328292	CHR14:8328292	SSF x Near_LoA	-5,743	-0,042	0,294
CHR14	8328301	CHR14:8328301	SSF x Near_LoA	-6,816	-0,083	0,298
CHR14	8328410	CHR14:8328410	SSF x Near_LoA	-8,499	-0,115	0,289
CHR14	832908	CHR14:832908	SSF x Near_LoA	-10,711	0,070	0,269
CHR14	8357352	CHR14:8357352	SSF x Near_LoA	-5,165	-0,107	0,290
CHR14	8357404	CHR14:8357404	SSF x Near_LoA	-6,692	-0,045	0,297
CHR14	8357421	CHR14:8357421	SSF x Near_LoA	-4,720	-0,077	0,302
CHR14	8357907	CHR14:8357907	SSF x Near_LoA	-8,221	0,087	0,282
CHR14	8363072	CHR14:8363072	SSF x Near_LoA	-8,236	-0,059	0,298
CHR14	8363112	CHR14:8363112	SSF x Near_LoA	-9,077	-0,099	0,284
CHR14	8363356	CHR14:8363356	SSF x Near_LoA	-9,360	-0,019	0,292
CHR14	8365263	CHR14:8365263	SSF x Near_LoA	-8,283	-0,054	0,289
CHR14	8365271	CHR14:8365271	SSF x Near_LoA	-8,387	-0,119	0,282
CHR14	8365490	CHR14:8365490	SSF x Near_LoA	-9,720	-0,013	0,289
CHR14	8365499	CHR14:8365499	SSF x Near_LoA	-10,459	0,048	0,289
CHR14	8388012	CHR14:8388012	SSF x Near_LoA	-8,691	0,016	0,293
CHR14	8388251	CHR14:8388251	SSF x Near_LoA	-10,821	-0,019	0,279
CHR14	8388262	CHR14:8388262	SSF x Near_LoA	-8,532	0,106	0,283
CHR14	8388277	CHR14:8388277	SSF x Near_LoA	-5,910	-0,189	0,266

CHR14	8396378	CHR14:8396378	SSF x Near_LoA	-6,075	0,164	0,279
CHR14	8396382	CHR14:8396382	SSF x Near_LoA	-7,686	0,112	0,279
CHR14	8396585	CHR14:8396585	SSF x Near_LoA	-6,979	0,105	0,283
CHR14	8396594	CHR14:8396594	SSF x Near_LoA	-9,495	-0,003	0,292
CHR14	8396646	CHR14:8396646	SSF x Near_LoA	-4,978	-0,180	0,252
CHR14	840626	CHR14:840626	SSF x Near_LoA	-9,524	-0,030	0,276
CHR14	840628	CHR14:840628	SSF x Near_LoA	-7,733	-0,085	0,293
CHR14	8408063	CHR14:8408063	SSF x Near_LoA	-6,650	-0,028	0,295
CHR14	8413708	CHR14:8413708	SSF x Near_LoA	-7,180	0,163	0,290
CHR14	8413783	CHR14:8413783	SSF x Near_LoA	-9,846	-0,045	0,283
CHR14	8413787	CHR14:8413787	SSF x Near_LoA	-8,308	-0,024	0,294
CHR14	8413834	CHR14:8413834	SSF x Near_LoA	-3,322	-0,167	0,283
CHR14	8413836	CHR14:8413836	SSF x Near_LoA	-10,477	-0,008	0,291
CHR14	8420302	CHR14:8420302	SSF x Near_LoA	-8,338	0,015	0,286
CHR14	8420334	CHR14:8420334	SSF x Near_LoA	-8,061	-0,027	0,290
CHR14	8420476	CHR14:8420476	SSF x Near_LoA	-7,867	-0,008	0,282
CHR14	8422882	CHR14:8422882	SSF x Near_LoA	-8,068	-0,133	0,283
CHR14	8423144	CHR14:8423144	SSF x Near_LoA	-10,222	0,110	0,270
CHR14	8427574	CHR14:8427574	SSF x Near_LoA	-8,432	-0,092	0,293
CHR14	843713	CHR14:843713	SSF x Near_LoA	-9,632	0,021	0,288
CHR14	8437837	CHR14:8437837	SSF x Near_LoA	-6,662	0,186	0,284
CHR14	843973	CHR14:843973	SSF x Near_LoA	-8,115	-0,003	0,271
CHR14	8440376	CHR14:8440376	SSF x Near_LoA	-6,614	-0,165	0,279
CHR14	844094	CHR14:844094	SSF x Near_LoA	-6,018	-0,211	0,273
CHR14	8443633	CHR14:8443633	SSF x Near_LoA	-8,741	-0,088	0,283
CHR14	8443773	CHR14:8443773	SSF x Near_LoA	-6,660	-0,117	0,283
CHR14	8466893	CHR14:8466893	SSF x Near_LoA	-5,110	0,070	0,294
CHR14	8466928	CHR14:8466928	SSF x Near_LoA	-4,417	-0,079	0,279
CHR14	8474261	CHR14:8474261	SSF x Near_LoA	-9,695	-0,067	0,290
CHR14	8474333	CHR14:8474333	SSF x Near_LoA	-8,720	0,127	0,280
CHR14	8474358	CHR14:8474358	SSF x Near_LoA	-7,966	-0,091	0,293
CHR14	8478452	CHR14:8478452	SSF x Near_LoA	-9,898	-0,026	0,295
CHR14	8478509	CHR14:8478509	SSF x Near_LoA	-9,197	-0,094	0,283
CHR14	8478601	CHR14:8478601	SSF x Near_LoA	-7,731	-0,187	0,279
CHR14	8478615	CHR14:8478615	SSF x Near_LoA	-6,225	0,164	0,294
CHR14	8480061	CHR14:8480061	SSF x Near_LoA	-10,306	-0,043	0,283
CHR14	8480190	CHR14:8480190	SSF x Near_LoA	-10,635	-0,042	0,282
CHR14	8484916	CHR14:8484916	SSF x Near_LoA	-9,738	-0,064	0,282
CHR14	8493990	CHR14:8493990	SSF x Near_LoA	-7,659	0,039	0,287
CHR14	8502706	CHR14:8502706	SSF x Near_LoA	-9,294	0,019	0,264
CHR14	8502714	CHR14:8502714	SSF x Near_LoA	-8,660	-0,039	0,285
CHR14	8504403	CHR14:8504403	SSF x Near_LoA	-9,344	-0,059	0,288
CHR14	8504454	CHR14:8504454	SSF x Near_LoA	-8,264	0,064	0,283
CHR14	8504460	CHR14:8504460	SSF x Near_LoA	-7,865	0,085	0,273
CHR14	8504481	CHR14:8504481	SSF x Near_LoA	-2,992	0,200	0,284
CHR14	8504542	CHR14:8504542	SSF x Near_LoA	-7,882	-0,014	0,284
CHR14	8504601	CHR14:8504601	SSF x Near_LoA	7,620	-0,107	0,269
CHR14	8504710	CHR14:8504710	SSF x Near_LoA	-7,271	-0,121	0,288
CHR14	850935	CHR14:850935	SSF x Near_LoA	-7,202	0,129	0,273
CHR14	850942	CHR14:850942	SSF x Near_LoA	-7,511	0,010	0,290
CHR14	8509613	CHR14:8509613	SSF x Near_LoA	-6,841	-0,138	0,283
CHR14	8509615	CHR14:8509615	SSF x Near_LoA	-8,265	0,146	0,281
CHR14	8509626	CHR14:8509626	SSF x Near_LoA	-3,290	-0,170	0,278

CHR14	8513058	CHR14:8513058	SSF x Near_LoA	-5,475	-0,061	0,272
CHR14	8522685	CHR14:8522685	SSF x Near_LoA	-6,882	-0,180	0,278
CHR14	8522765	CHR14:8522765	SSF x Near_LoA	-10,400	0,047	0,292
CHR14	8522985	CHR14:8522985	SSF x Near_LoA	-0,704	-0,122	0,289
CHR14	8523005	CHR14:8523005	SSF x Near_LoA	-7,918	0,131	0,290
CHR14	8545048	CHR14:8545048	SSF x Near_LoA	-8,452	0,101	0,286
CHR14	8545073	CHR14:8545073	SSF x Near_LoA	-8,722	0,114	0,282
CHR14	8545091	CHR14:8545091	SSF x Near_LoA	-6,640	0,123	0,285
CHR14	8545298	CHR14:8545298	SSF x Near_LoA	-8,917	0,020	0,294
CHR14	8545469	CHR14:8545469	SSF x Near_LoA	-4,910	-0,187	0,270
CHR14	8545496	CHR14:8545496	SSF x Near_LoA	-7,563	0,070	0,290
CHR14	8565104	CHR14:8565104	SSF x Near_LoA	-7,011	-0,113	0,272
CHR14	8565871	CHR14:8565871	SSF x Near_LoA	-8,853	-0,125	0,274
CHR14	8567540	CHR14:8567540	SSF x Near_LoA	-7,867	0,017	0,288
CHR14	8567556	CHR14:8567556	SSF x Near_LoA	-7,986	-0,098	0,299
CHR14	8567624	CHR14:8567624	SSF x Near_LoA	-6,171	0,056	0,299
CHR14	8567718	CHR14:8567718	SSF x Near_LoA	-2,681	-0,138	0,278
CHR14	8567729	CHR14:8567729	SSF x Near_LoA	-7,721	-0,072	0,288
CHR14	8567743	CHR14:8567743	SSF x Near_LoA	-3,882	-0,094	0,291
CHR14	857386	CHR14:857386	SSF x Near_LoA	-2,049	-0,150	0,280
CHR14	8585037	CHR14:8585037	SSF x Near_LoA	-9,568	-0,076	0,284
CHR14	8585044	CHR14:8585044	SSF x Near_LoA	-8,542	0,020	0,291
CHR14	8586095	CHR14:8586095	SSF x Near_LoA	-8,085	-0,128	0,268
CHR14	858984	CHR14:858984	SSF x Near_LoA	-6,182	-0,073	0,296
CHR14	858992	CHR14:858992	SSF x Near_LoA	-8,212	-0,035	0,293
CHR14	859041	CHR14:859041	SSF x Near_LoA	-4,828	-0,127	0,279
CHR14	8591227	CHR14:8591227	SSF x Near_LoA	-7,888	-0,057	0,285
CHR14	8591246	CHR14:8591246	SSF x Near_LoA	-10,002	0,000	0,284
CHR14	8591256	CHR14:8591256	SSF x Near_LoA	-9,164	0,014	0,302
CHR14	8591289	CHR14:8591289	SSF x Near_LoA	-9,505	0,054	0,280
CHR14	859299	CHR14:859299	SSF x Near_LoA	-7,200	0,052	0,295
CHR14	8606217	CHR14:8606217	SSF x Near_LoA	-8,592	0,012	0,298
CHR14	8608894	CHR14:8608894	SSF x Near_LoA	-7,427	-0,045	0,278
CHR14	8608896	CHR14:8608896	SSF x Near_LoA	-8,071	0,001	0,285
CHR14	8608898	CHR14:8608898	SSF x Near_LoA	-7,788	-0,011	0,288
CHR14	8608937	CHR14:8608937	SSF x Near_LoA	-8,079	0,032	0,292
CHR14	8619857	CHR14:8619857	SSF x Near_LoA	-8,214	-0,109	0,285
CHR14	8620405	CHR14:8620405	SSF x Near_LoA	-8,462	0,019	0,288
CHR14	8620521	CHR14:8620521	SSF x Near_LoA	-7,858	-0,081	0,284
CHR14	8626071	CHR14:8626071	SSF x Near_LoA	-10,669	0,058	0,271
CHR14	8626235	CHR14:8626235	SSF x Near_LoA	4,268	0,173	0,289
CHR14	8629486	CHR14:8629486	SSF x Near_LoA	-10,332	0,042	0,291
CHR14	8629798	CHR14:8629798	SSF x Near_LoA	-9,322	-0,033	0,300
CHR14	8639926	CHR14:8639926	SSF x Near_LoA	-7,692	0,096	0,268
CHR14	8639951	CHR14:8639951	SSF x Near_LoA	-0,448	0,155	0,295
CHR14	8653248	CHR14:8653248	SSF x Near_LoA	-8,097	0,071	0,286
CHR14	8653282	CHR14:8653282	SSF x Near_LoA	-8,012	0,051	0,282
CHR14	8653347	CHR14:8653347	SSF x Near_LoA	-6,707	0,032	0,287
CHR14	8653407	CHR14:8653407	SSF x Near_LoA	-9,251	0,090	0,286
CHR14	8653456	CHR14:8653456	SSF x Near_LoA	-4,752	0,147	0,283
CHR14	8653489	CHR14:8653489	SSF x Near_LoA	-9,477	0,008	0,291
CHR14	8657571	CHR14:8657571	SSF x Near_LoA	-2,803	0,176	0,269
CHR14	8660204	CHR14:8660204	SSF x Near_LoA	-8,899	0,047	0,301

CHR14	868930	CHR14:868930	SSF x Near_LoA	-7,920	-0,009	0,299
CHR14	8703407	CHR14:8703407	SSF x Near_LoA	-6,571	0,075	0,280
CHR14	8703410	CHR14:8703410	SSF x Near_LoA	-10,467	0,018	0,294
CHR14	8703623	CHR14:8703623	SSF x Near_LoA	-8,573	0,129	0,294
CHR14	8709431	CHR14:8709431	SSF x Near_LoA	-7,143	-0,093	0,283
CHR14	8709491	CHR14:8709491	SSF x Near_LoA	-8,420	-0,007	0,286
CHR14	8709500	CHR14:8709500	SSF x Near_LoA	-6,468	0,206	0,275
CHR14	8709525	CHR14:8709525	SSF x Near_LoA	-8,264	0,113	0,285
CHR14	8709587	CHR14:8709587	SSF x Near_LoA	-5,161	0,128	0,285
CHR14	8709589	CHR14:8709589	SSF x Near_LoA	-6,217	0,116	0,291
CHR14	8709693	CHR14:8709693	SSF x Near_LoA	-4,768	0,196	0,270
CHR14	8722133	CHR14:8722133	SSF x Near_LoA	-4,400	-0,224	0,281
CHR14	8738287	CHR14:8738287	SSF x Near_LoA	-7,408	0,022	0,264
CHR14	8738334	CHR14:8738334	SSF x Near_LoA	-10,607	-0,048	0,288
CHR14	8738350	CHR14:8738350	SSF x Near_LoA	-9,185	-0,001	0,284
CHR14	8738391	CHR14:8738391	SSF x Near_LoA	-10,557	0,077	0,289
CHR14	8738392	CHR14:8738392	SSF x Near_LoA	-8,744	0,015	0,286
CHR14	874980	CHR14:874980	SSF x Near_LoA	-7,209	0,043	0,289
CHR14	874995	CHR14:874995	SSF x Near_LoA	-7,905	0,029	0,283
CHR14	874996	CHR14:874996	SSF x Near_LoA	-7,157	0,061	0,289
CHR14	875179	CHR14:875179	SSF x Near_LoA	-8,108	0,024	0,291
CHR14	875182	CHR14:875182	SSF x Near_LoA	-7,407	-0,045	0,299
CHR14	8774916	CHR14:8774916	SSF x Near_LoA	-7,163	0,061	0,301
CHR14	8775005	CHR14:8775005	SSF x Near_LoA	0,914	-0,236	0,257
CHR14	8775084	CHR14:8775084	SSF x Near_LoA	-9,986	0,031	0,265
CHR14	8775085	CHR14:8775085	SSF x Near_LoA	-5,214	0,063	0,288
CHR14	8775106	CHR14:8775106	SSF x Near_LoA	-6,676	0,071	0,292
CHR14	8775110	CHR14:8775110	SSF x Near_LoA	-5,291	0,103	0,280
CHR14	8775155	CHR14:8775155	SSF x Near_LoA	-9,163	0,082	0,289
CHR14	8775211	CHR14:8775211	SSF x Near_LoA	-6,924	-0,007	0,281
CHR14	8775260	CHR14:8775260	SSF x Near_LoA	-6,166	-0,033	0,281
CHR14	8785536	CHR14:8785536	SSF x Near_LoA	-9,554	-0,017	0,291
CHR14	8785597	CHR14:8785597	SSF x Near_LoA	-9,404	0,014	0,285
CHR14	8785823	CHR14:8785823	SSF x Near_LoA	-7,249	0,094	0,291
CHR14	8794705	CHR14:8794705	SSF x Near_LoA	-10,508	0,053	0,290
CHR14	8794913	CHR14:8794913	SSF x Near_LoA	-10,349	-0,077	0,273
CHR14	8797665	CHR14:8797665	SSF x Near_LoA	-9,291	0,035	0,287
CHR14	8797736	CHR14:8797736	SSF x Near_LoA	-6,989	-0,048	0,277
CHR14	8804287	CHR14:8804287	SSF x Near_LoA	-10,276	-0,117	0,282
CHR14	8818962	CHR14:8818962	SSF x Near_LoA	-7,504	0,066	0,296
CHR14	8818963	CHR14:8818963	SSF x Near_LoA	-9,292	0,073	0,279
CHR14	8818970	CHR14:8818970	SSF x Near_LoA	-9,640	0,048	0,283
CHR14	8818973	CHR14:8818973	SSF x Near_LoA	-8,245	0,113	0,288
CHR14	8819012	CHR14:8819012	SSF x Near_LoA	-7,994	0,008	0,300
CHR14	8819108	CHR14:8819108	SSF x Near_LoA	-7,724	-0,029	0,302
CHR14	8819143	CHR14:8819143	SSF x Near_LoA	-8,724	0,048	0,288
CHR14	8825503	CHR14:8825503	SSF x Near_LoA	-7,769	-0,005	0,304
CHR14	8825658	CHR14:8825658	SSF x Near_LoA	-4,733	-0,194	0,271
CHR14	8825793	CHR14:8825793	SSF x Near_LoA	-7,894	-0,061	0,284
CHR14	8825796	CHR14:8825796	SSF x Near_LoA	-7,516	-0,033	0,300
CHR14	8829260	CHR14:8829260	SSF x Near_LoA	-8,291	0,078	0,305
CHR14	8829326	CHR14:8829326	SSF x Near_LoA	-7,170	-0,056	0,297
CHR14	8829956	CHR14:8829956	SSF x Near_LoA	-5,605	-0,081	0,295

CHR14	8829981	CHR14:8829981	SSF x Near_LoA	-5,672	-0,114	0,290
CHR14	8830015	CHR14:8830015	SSF x Near_LoA	-9,176	-0,017	0,272
CHR14	8830029	CHR14:8830029	SSF x Near_LoA	-6,962	0,025	0,294
CHR14	8830114	CHR14:8830114	SSF x Near_LoA	-8,405	0,010	0,282
CHR14	8830116	CHR14:8830116	SSF x Near_LoA	-7,032	-0,040	0,281
CHR14	8830195	CHR14:8830195	SSF x Near_LoA	-10,619	-0,086	0,273
CHR14	8830204	CHR14:8830204	SSF x Near_LoA	-7,996	-0,061	0,269
CHR14	8837431	CHR14:8837431	SSF x Near_LoA	-7,209	0,059	0,285
CHR14	8837592	CHR14:8837592	SSF x Near_LoA	-8,088	0,026	0,288
CHR14	8837737	CHR14:8837737	SSF x Near_LoA	-4,782	-0,099	0,287
CHR14	8846053	CHR14:8846053	SSF x Near_LoA	-9,845	0,092	0,287
CHR14	8846132	CHR14:8846132	SSF x Near_LoA	-9,126	-0,009	0,293
CHR14	8846168	CHR14:8846168	SSF x Near_LoA	-8,785	0,009	0,280
CHR14	8851444	CHR14:8851444	SSF x Near_LoA	-7,983	0,013	0,283
CHR14	8853070	CHR14:8853070	SSF x Near_LoA	-9,491	-0,094	0,283
CHR14	8853083	CHR14:8853083	SSF x Near_LoA	-8,963	-0,106	0,289
CHR14	8858591	CHR14:8858591	SSF x Near_LoA	-7,143	0,018	0,294
CHR14	8858615	CHR14:8858615	SSF x Near_LoA	-9,061	0,019	0,282
CHR14	8858628	CHR14:8858628	SSF x Near_LoA	-6,807	-0,023	0,297
CHR14	8888990	CHR14:8888990	SSF x Near_LoA	-7,865	0,081	0,283
CHR14	8898896	CHR14:8898896	SSF x Near_LoA	-7,425	0,034	0,298
CHR14	891014	CHR14:891014	SSF x Near_LoA	-9,283	-0,053	0,306
CHR14	8910486	CHR14:8910486	SSF x Near_LoA	-9,580	0,093	0,286
CHR14	8910515	CHR14:8910515	SSF x Near_LoA	-5,223	-0,109	0,293
CHR14	8910575	CHR14:8910575	SSF x Near_LoA	-6,486	0,143	0,272
CHR14	8910580	CHR14:8910580	SSF x Near_LoA	-9,170	0,008	0,282
CHR14	8912002	CHR14:8912002	SSF x Near_LoA	-9,328	0,029	0,285
CHR14	8912019	CHR14:8912019	SSF x Near_LoA	-7,483	-0,013	0,296
CHR14	8912045	CHR14:8912045	SSF x Near_LoA	-8,620	0,022	0,303
CHR14	8912145	CHR14:8912145	SSF x Near_LoA	-6,326	-0,119	0,283
CHR14	891608	CHR14:891608	SSF x Near_LoA	-8,925	0,018	0,269
CHR14	891704	CHR14:891704	SSF x Near_LoA	-8,090	0,046	0,284
CHR14	891764	CHR14:891764	SSF x Near_LoA	-7,036	0,077	0,281
CHR14	8921083	CHR14:8921083	SSF x Near_LoA	-9,455	-0,012	0,288
CHR14	8921268	CHR14:8921268	SSF x Near_LoA	-10,250	-0,056	0,279
CHR14	8925925	CHR14:8925925	SSF x Near_LoA	-6,995	-0,065	0,294
CHR14	8931241	CHR14:8931241	SSF x Near_LoA	-4,486	0,105	0,279
CHR14	8952995	CHR14:8952995	SSF x Near_LoA	-7,489	-0,141	0,274
CHR14	8953022	CHR14:8953022	SSF x Near_LoA	-5,274	0,030	0,290
CHR14	8961918	CHR14:8961918	SSF x Near_LoA	-9,096	0,052	0,284
CHR14	896535	CHR14:896535	SSF x Near_LoA	-7,550	-0,093	0,274
CHR14	896770	CHR14:896770	SSF x Near_LoA	-8,383	0,058	0,293
CHR14	896843	CHR14:896843	SSF x Near_LoA	-8,185	-0,032	0,287
CHR14	896852	CHR14:896852	SSF x Near_LoA	-8,055	-0,029	0,299
CHR14	896897	CHR14:896897	SSF x Near_LoA	-8,598	-0,069	0,279
CHR14	8980781	CHR14:8980781	SSF x Near_LoA	-7,794	0,004	0,286
CHR14	8980804	CHR14:8980804	SSF x Near_LoA	-8,367	0,086	0,287
CHR14	8980915	CHR14:8980915	SSF x Near_LoA	-7,892	-0,126	0,283
CHR14	8980944	CHR14:8980944	SSF x Near_LoA	-4,475	0,104	0,302
CHR14	8980949	CHR14:8980949	SSF x Near_LoA	-3,756	0,129	0,293
CHR14	8980978	CHR14:8980978	SSF x Near_LoA	11,562	0,114	0,283
CHR14	8980989	CHR14:8980989	SSF x Near_LoA	-7,332	0,096	0,281
CHR14	8988378	CHR14:8988378	SSF x Near_LoA	-7,528	0,145	0,304

CHR14	8988610	CHR14:8988610	SSF x Near_LoA	-4,406	-0,144	0,279
CHR14	8988622	CHR14:8988622	SSF x Near_LoA	-10,007	-0,018	0,286
CHR14	8999687	CHR14:8999687	SSF x Near_LoA	-6,783	0,120	0,282
CHR14	8999725	CHR14:8999725	SSF x Near_LoA	-5,516	0,157	0,293
CHR14	8999808	CHR14:8999808	SSF x Near_LoA	-8,641	-0,048	0,290
CHR14	900080	CHR14:900080	SSF x Near_LoA	-7,388	0,007	0,295
CHR14	900230	CHR14:900230	SSF x Near_LoA	-7,611	0,008	0,302
CHR14	900241	CHR14:900241	SSF x Near_LoA	-7,870	-0,024	0,299
CHR14	900318	CHR14:900318	SSF x Near_LoA	-5,059	-0,164	0,291
CHR14	900327	CHR14:900327	SSF x Near_LoA	-3,779	0,154	0,287
CHR14	9003715	CHR14:9003715	SSF x Near_LoA	-4,997	0,181	0,283
CHR14	9003825	CHR14:9003825	SSF x Near_LoA	-6,193	0,129	0,290
CHR14	9003864	CHR14:9003864	SSF x Near_LoA	-0,883	0,138	0,284
CHR14	9004939	CHR14:9004939	SSF x Near_LoA	-6,006	-0,180	0,278
CHR14	9007720	CHR14:9007720	SSF x Near_LoA	-3,853	0,215	0,284
CHR14	9008707	CHR14:9008707	SSF x Near_LoA	-8,290	0,146	0,280
CHR14	9012031	CHR14:9012031	SSF x Near_LoA	-6,715	0,062	0,308
CHR14	9018507	CHR14:9018507	SSF x Near_LoA	-2,762	-0,158	0,293
CHR14	9018694	CHR14:9018694	SSF x Near_LoA	-8,331	-0,123	0,285
CHR14	902821	CHR14:902821	SSF x Near_LoA	-10,120	-0,001	0,292
CHR14	903139	CHR14:903139	SSF x Near_LoA	-8,949	0,036	0,296
CHR14	9031850	CHR14:9031850	SSF x Near_LoA	-8,105	0,017	0,289
CHR14	9031925	CHR14:9031925	SSF x Near_LoA	-7,514	-0,028	0,288
CHR14	9041942	CHR14:9041942	SSF x Near_LoA	-7,510	-0,089	0,281
CHR14	9041967	CHR14:9041967	SSF x Near_LoA	-7,137	-0,103	0,275
CHR14	9042004	CHR14:9042004	SSF x Near_LoA	1,038	0,322	0,256
CHR14	9053727	CHR14:9053727	SSF x Near_LoA	-5,563	-0,051	0,299
CHR14	9053748	CHR14:9053748	SSF x Near_LoA	-8,267	-0,073	0,298
CHR14	9053855	CHR14:9053855	SSF x Near_LoA	-7,444	0,070	0,286
CHR14	9091003	CHR14:9091003	SSF x Near_LoA	-7,161	0,083	0,293
CHR14	9107026	CHR14:9107026	SSF x Near_LoA	-9,178	0,082	0,280
CHR14	9120349	CHR14:9120349	SSF x Near_LoA	-9,425	-0,025	0,290
CHR14	9120429	CHR14:9120429	SSF x Near_LoA	-11,073	0,003	0,273
CHR14	9120631	CHR14:9120631	SSF x Near_LoA	-8,979	0,044	0,281
CHR14	9121331	CHR14:9121331	SSF x Near_LoA	-8,142	-0,062	0,275
CHR14	9121465	CHR14:9121465	SSF x Near_LoA	-5,837	-0,097	0,279
CHR14	9121476	CHR14:9121476	SSF x Near_LoA	-5,365	0,202	0,280
CHR14	9121481	CHR14:9121481	SSF x Near_LoA	-9,966	-0,094	0,278
CHR14	9121533	CHR14:9121533	SSF x Near_LoA	-8,934	-0,107	0,291
CHR14	9138476	CHR14:9138476	SSF x Near_LoA	-7,813	-0,023	0,277
CHR14	9138480	CHR14:9138480	SSF x Near_LoA	-8,897	0,091	0,285
CHR14	9138513	CHR14:9138513	SSF x Near_LoA	-9,225	-0,083	0,295
CHR14	9145538	CHR14:9145538	SSF x Near_LoA	-9,685	-0,008	0,265
CHR14	9145550	CHR14:9145550	SSF x Near_LoA	-9,652	0,012	0,286
CHR14	9145552	CHR14:9145552	SSF x Near_LoA	-8,277	0,036	0,275
CHR14	9145653	CHR14:9145653	SSF x Near_LoA	-10,328	0,040	0,283
CHR14	9145698	CHR14:9145698	SSF x Near_LoA	-8,562	0,007	0,290
CHR14	9145781	CHR14:9145781	SSF x Near_LoA	-9,908	0,025	0,285
CHR14	9145784	CHR14:9145784	SSF x Near_LoA	-5,864	0,006	0,283
CHR14	9145788	CHR14:9145788	SSF x Near_LoA	-7,808	0,004	0,279
CHR14	9153546	CHR14:9153546	SSF x Near_LoA	-7,092	-0,119	0,280
CHR14	9153605	CHR14:9153605	SSF x Near_LoA	-8,395	-0,050	0,285
CHR14	9153620	CHR14:9153620	SSF x Near_LoA	-9,848	0,010	0,292

CHR14	9153674	CHR14:9153674	SSF x Near_LoA	-6,229	-0,058	0,287
CHR14	9153705	CHR14:9153705	SSF x Near_LoA	-8,294	-0,076	0,294
CHR14	917859	CHR14:917859	SSF x Near_LoA	-9,944	0,004	0,287
CHR14	9199522	CHR14:9199522	SSF x Near_LoA	-8,858	0,009	0,272
CHR14	9199566	CHR14:9199566	SSF x Near_LoA	-0,377	-0,150	0,284
CHR14	9199615	CHR14:9199615	SSF x Near_LoA	-9,465	0,081	0,294
CHR14	9203481	CHR14:9203481	SSF x Near_LoA	-6,711	0,109	0,290
CHR14	9203581	CHR14:9203581	SSF x Near_LoA	-8,103	0,093	0,289
CHR14	9203628	CHR14:9203628	SSF x Near_LoA	-7,506	-0,018	0,293
CHR14	9203680	CHR14:9203680	SSF x Near_LoA	-7,822	0,122	0,295
CHR14	9213323	CHR14:9213323	SSF x Near_LoA	-3,797	-0,246	0,262
CHR14	9213367	CHR14:9213367	SSF x Near_LoA	-2,163	-0,272	0,256
CHR14	9213441	CHR14:9213441	SSF x Near_LoA	2,481	-0,250	0,259
CHR14	9217607	CHR14:9217607	SSF x Near_LoA	-5,671	-0,056	0,293
CHR14	9219000	CHR14:9219000	SSF x Near_LoA	-6,669	0,110	0,274
CHR14	9219032	CHR14:9219032	SSF x Near_LoA	-5,395	-0,241	0,262
CHR14	9221025	CHR14:9221025	SSF x Near_LoA	-10,525	0,100	0,285
CHR14	9221028	CHR14:9221028	SSF x Near_LoA	-6,493	0,098	0,298
CHR14	9221064	CHR14:9221064	SSF x Near_LoA	-8,361	0,051	0,284
CHR14	9221088	CHR14:9221088	SSF x Near_LoA	-7,783	0,077	0,294
CHR14	9229849	CHR14:9229849	SSF x Near_LoA	-8,684	0,096	0,285
CHR14	9251351	CHR14:9251351	SSF x Near_LoA	-5,163	0,100	0,292
CHR14	9251400	CHR14:9251400	SSF x Near_LoA	-8,148	-0,173	0,273
CHR14	9252455	CHR14:9252455	SSF x Near_LoA	-6,883	-0,044	0,283
CHR14	9254416	CHR14:9254416	SSF x Near_LoA	-10,356	-0,018	0,285
CHR14	9254476	CHR14:9254476	SSF x Near_LoA	-9,929	-0,014	0,283
CHR14	9259782	CHR14:9259782	SSF x Near_LoA	-7,704	0,043	0,267
CHR14	9259811	CHR14:9259811	SSF x Near_LoA	-7,837	-0,007	0,275
CHR14	9260893	CHR14:9260893	SSF x Near_LoA	-7,462	0,023	0,285
CHR14	926300	CHR14:926300	SSF x Near_LoA	-9,321	-0,120	0,289
CHR14	926587	CHR14:926587	SSF x Near_LoA	-8,554	0,014	0,293
CHR14	9270103	CHR14:9270103	SSF x Near_LoA	-6,132	0,174	0,284
CHR14	9273740	CHR14:9273740	SSF x Near_LoA	-9,579	0,103	0,288
CHR14	9273943	CHR14:9273943	SSF x Near_LoA	-8,798	0,022	0,292
CHR14	9273945	CHR14:9273945	SSF x Near_LoA	-9,709	0,025	0,276
CHR14	9273953	CHR14:9273953	SSF x Near_LoA	-3,942	0,061	0,295
CHR14	9273968	CHR14:9273968	SSF x Near_LoA	-8,533	0,123	0,290
CHR14	9280923	CHR14:9280923	SSF x Near_LoA	-8,592	-0,011	0,274
CHR14	9291780	CHR14:9291780	SSF x Near_LoA	-4,535	-0,158	0,271
CHR14	9299772	CHR14:9299772	SSF x Near_LoA	-3,300	0,261	0,272
CHR14	9302439	CHR14:9302439	SSF x Near_LoA	-10,393	-0,085	0,285
CHR14	9302566	CHR14:9302566	SSF x Near_LoA	-10,339	-0,082	0,283
CHR14	9302641	CHR14:9302641	SSF x Near_LoA	-9,645	0,047	0,292
CHR14	9310040	CHR14:9310040	SSF x Near_LoA	-5,056	-0,024	0,286
CHR14	9326831	CHR14:9326831	SSF x Near_LoA	-8,393	-0,094	0,276
CHR14	9335569	CHR14:9335569	SSF x Near_LoA	-5,650	0,124	0,280
CHR14	9340374	CHR14:9340374	SSF x Near_LoA	-10,266	-0,001	0,286
CHR14	9340609	CHR14:9340609	SSF x Near_LoA	-9,289	0,051	0,281
CHR14	935290	CHR14:935290	SSF x Near_LoA	-5,081	-0,206	0,263
CHR14	935324	CHR14:935324	SSF x Near_LoA	-10,554	0,063	0,284
CHR14	935517	CHR14:935517	SSF x Near_LoA	-6,776	-0,098	0,293
CHR14	9367071	CHR14:9367071	SSF x Near_LoA	-8,834	0,010	0,273
CHR14	9367103	CHR14:9367103	SSF x Near_LoA	-6,133	0,038	0,297

CHR14	937694	CHR14:937694	SSF x Near_LoA	-8,476	0,016	0,286
CHR14	937712	CHR14:937712	SSF x Near_LoA	-8,206	-0,051	0,288
CHR14	937732	CHR14:937732	SSF x Near_LoA	-7,450	0,104	0,283
CHR14	937777	CHR14:937777	SSF x Near_LoA	-2,226	-0,247	0,275
CHR14	938093	CHR14:938093	SSF x Near_LoA	-6,002	0,035	0,286
CHR14	9412196	CHR14:9412196	SSF x Near_LoA	-4,693	0,045	0,286
CHR14	9412298	CHR14:9412298	SSF x Near_LoA	-9,867	0,082	0,287
CHR14	9412321	CHR14:9412321	SSF x Near_LoA	-8,720	0,047	0,299
CHR14	9420178	CHR14:9420178	SSF x Near_LoA	-8,801	-0,008	0,292
CHR14	9421345	CHR14:9421345	SSF x Near_LoA	-7,291	-0,186	0,273
CHR14	9421353	CHR14:9421353	SSF x Near_LoA	-9,475	0,050	0,284
CHR14	9421403	CHR14:9421403	SSF x Near_LoA	-6,825	-0,178	0,270
CHR14	9446365	CHR14:9446365	SSF x Near_LoA	-5,440	-0,167	0,278
CHR14	9447850	CHR14:9447850	SSF x Near_LoA	-8,890	-0,023	0,276
CHR14	9473644	CHR14:9473644	SSF x Near_LoA	-6,755	0,014	0,288
CHR14	9473737	CHR14:9473737	SSF x Near_LoA	-7,499	0,004	0,287
CHR14	9479107	CHR14:9479107	SSF x Near_LoA	-9,059	-0,039	0,294
CHR14	9485900	CHR14:9485900	SSF x Near_LoA	-7,425	-0,156	0,293
CHR14	9485908	CHR14:9485908	SSF x Near_LoA	-8,373	-0,018	0,284
CHR14	9489794	CHR14:9489794	SSF x Near_LoA	-4,195	0,159	0,261
CHR14	9500008	CHR14:9500008	SSF x Near_LoA	-8,182	0,146	0,283
CHR14	9500100	CHR14:9500100	SSF x Near_LoA	-8,951	0,080	0,277
CHR14	9500263	CHR14:9500263	SSF x Near_LoA	-8,672	0,055	0,282
CHR14	9500365	CHR14:9500365	SSF x Near_LoA	-7,504	-0,053	0,278
CHR14	9500366	CHR14:9500366	SSF x Near_LoA	-10,419	0,051	0,278
CHR14	9505222	CHR14:9505222	SSF x Near_LoA	-9,583	-0,058	0,295
CHR14	9523371	CHR14:9523371	SSF x Near_LoA	-8,424	0,016	0,284
CHR14	9523409	CHR14:9523409	SSF x Near_LoA	-8,037	0,152	0,280
CHR14	9523418	CHR14:9523418	SSF x Near_LoA	-6,675	0,087	0,294
CHR14	9525500	CHR14:9525500	SSF x Near_LoA	-10,838	0,009	0,280
CHR14	9525797	CHR14:9525797	SSF x Near_LoA	-10,527	-0,062	0,285
CHR14	955242	CHR14:955242	SSF x Near_LoA	-7,785	-0,152	0,272
CHR14	9563792	CHR14:9563792	SSF x Near_LoA	-5,282	0,063	0,297
CHR14	9564028	CHR14:9564028	SSF x Near_LoA	-8,290	0,066	0,288
CHR14	9564038	CHR14:9564038	SSF x Near_LoA	-8,362	0,029	0,290
CHR14	9576662	CHR14:9576662	SSF x Near_LoA	-8,496	0,055	0,276
CHR14	9576824	CHR14:9576824	SSF x Near_LoA	-10,492	0,015	0,281
CHR14	9576862	CHR14:9576862	SSF x Near_LoA	-8,388	-0,066	0,273
CHR14	9576876	CHR14:9576876	SSF x Near_LoA	-8,661	0,053	0,282
CHR14	9576955	CHR14:9576955	SSF x Near_LoA	-6,987	0,149	0,277
CHR14	9586239	CHR14:9586239	SSF x Near_LoA	-4,441	-0,087	0,293
CHR14	9586357	CHR14:9586357	SSF x Near_LoA	-9,143	-0,121	0,287
CHR14	9586451	CHR14:9586451	SSF x Near_LoA	-9,148	-0,052	0,298
CHR14	9586656	CHR14:9586656	SSF x Near_LoA	-7,647	-0,009	0,297
CHR14	9617779	CHR14:9617779	SSF x Near_LoA	-8,766	-0,066	0,285
CHR14	9617995	CHR14:9617995	SSF x Near_LoA	-7,566	-0,042	0,293
CHR14	9621009	CHR14:9621009	SSF x Near_LoA	-7,333	-0,082	0,290
CHR14	962205	CHR14:962205	SSF x Near_LoA	-6,351	0,128	0,301
CHR14	962402	CHR14:962402	SSF x Near_LoA	-8,279	-0,118	0,296
CHR14	9626007	CHR14:9626007	SSF x Near_LoA	-8,208	-0,133	0,291
CHR14	9649193	CHR14:9649193	SSF x Near_LoA	-6,665	-0,002	0,286
CHR14	9649221	CHR14:9649221	SSF x Near_LoA	-6,629	0,080	0,284
CHR14	9649356	CHR14:9649356	SSF x Near_LoA	-9,515	0,035	0,298

CHR14	9663165	CHR14:9663165	SSF x Near_LoA	-8,674	-0,103	0,283
CHR14	975818	CHR14:975818	SSF x Near_LoA	-7,772	0,036	0,283
CHR14	975882	CHR14:975882	SSF x Near_LoA	-9,860	0,100	0,282
CHR14	9777184	CHR14:9777184	SSF x Near_LoA	-9,003	-0,003	0,302
CHR14	9788678	CHR14:9788678	SSF x Near_LoA	-6,875	0,180	0,271
CHR14	9788854	CHR14:9788854	SSF x Near_LoA	-9,844	0,104	0,271
CHR14	9821039	CHR14:9821039	SSF x Near_LoA	-9,333	-0,029	0,281
CHR14	9821135	CHR14:9821135	SSF x Near_LoA	-9,362	0,030	0,291
CHR14	9830820	CHR14:9830820	SSF x Near_LoA	-7,663	-0,041	0,293
CHR14	9830863	CHR14:9830863	SSF x Near_LoA	-7,917	0,040	0,264
CHR14	9831000	CHR14:9831000	SSF x Near_LoA	-7,600	-0,058	0,291
CHR14	9831065	CHR14:9831065	SSF x Near_LoA	-7,376	-0,050	0,292
CHR14	9862131	CHR14:9862131	SSF x Near_LoA	-7,043	-0,128	0,284
CHR14	9862241	CHR14:9862241	SSF x Near_LoA	-4,609	-0,165	0,285
CHR14	9862376	CHR14:9862376	SSF x Near_LoA	-5,994	-0,062	0,296
CHR14	9866152	CHR14:9866152	SSF x Near_LoA	-10,301	0,000	0,293
CHR14	9866215	CHR14:9866215	SSF x Near_LoA	-8,286	0,109	0,300
CHR14	9866277	CHR14:9866277	SSF x Near_LoA	-8,405	-0,081	0,287
CHR14	9866317	CHR14:9866317	SSF x Near_LoA	-8,472	-0,083	0,289
CHR14	9878175	CHR14:9878175	SSF x Near_LoA	-8,556	0,070	0,290
CHR14	9878179	CHR14:9878179	SSF x Near_LoA	-10,812	-0,002	0,294
CHR14	9878225	CHR14:9878225	SSF x Near_LoA	-7,016	-0,056	0,292
CHR14	9880946	CHR14:9880946	SSF x Near_LoA	-8,753	0,056	0,277
CHR14	9881008	CHR14:9881008	SSF x Near_LoA	-8,989	0,031	0,273
CHR14	9883604	CHR14:9883604	SSF x Near_LoA	-8,173	0,083	0,276
CHR14	9883674	CHR14:9883674	SSF x Near_LoA	-7,965	-0,032	0,287
CHR14	9883714	CHR14:9883714	SSF x Near_LoA	2,395	0,189	0,280
CHR14	9901789	CHR14:9901789	SSF x Near_LoA	-9,107	-0,083	0,280
CHR14	9909675	CHR14:9909675	SSF x Near_LoA	-2,037	-0,208	0,288
CHR14	9909677	CHR14:9909677	SSF x Near_LoA	-2,931	-0,239	0,278
CHR14	9909705	CHR14:9909705	SSF x Near_LoA	-1,926	-0,235	0,268
CHR14	9909713	CHR14:9909713	SSF x Near_LoA	-3,179	-0,224	0,267
CHR14	9909741	CHR14:9909741	SSF x Near_LoA	-4,976	-0,162	0,283
CHR14	9909849	CHR14:9909849	SSF x Near_LoA	-7,017	-0,173	0,270
CHR14	9909875	CHR14:9909875	SSF x Near_LoA	-10,046	-0,043	0,285
CHR14	9909879	CHR14:9909879	SSF x Near_LoA	-7,363	-0,145	0,277
CHR14	9909906	CHR14:9909906	SSF x Near_LoA	-5,328	-0,159	0,277
CHR14	9929251	CHR14:9929251	SSF x Near_LoA	-9,055	0,074	0,301
CHR14	9929617	CHR14:9929617	SSF x Near_LoA	-9,543	-0,017	0,285
CHR14	9932011	CHR14:9932011	SSF x Near_LoA	-5,884	0,058	0,287
CHR14	9932063	CHR14:9932063	SSF x Near_LoA	1,977	0,122	0,282
CHR14	9934606	CHR14:9934606	SSF x Near_LoA	-7,792	-0,089	0,276
CHR14	9934663	CHR14:9934663	SSF x Near_LoA	-6,857	0,112	0,287
CHR14	9934707	CHR14:9934707	SSF x Near_LoA	-5,377	0,232	0,281
CHR14	9934715	CHR14:9934715	SSF x Near_LoA	-7,109	-0,080	0,282
CHR14	9934827	CHR14:9934827	SSF x Near_LoA	-4,694	-0,084	0,282
CHR14	9934849	CHR14:9934849	SSF x Near_LoA	-8,006	0,058	0,282
CHR14	9934951	CHR14:9934951	SSF x Near_LoA	-10,054	-0,038	0,289
CHR14	9940942	CHR14:9940942	SSF x Near_LoA	-6,794	-0,056	0,281
CHR14	9940964	CHR14:9940964	SSF x Near_LoA	-6,186	0,056	0,280
CHR14	9941121	CHR14:9941121	SSF x Near_LoA	-7,059	0,008	0,296
CHR14	9947992	CHR14:9947992	SSF x Near_LoA	-4,552	0,090	0,279
CHR14	9948182	CHR14:9948182	SSF x Near_LoA	-8,600	-0,027	0,287

CHR14	9948194	CHR14:9948194	SSF x Near_LoA	-7,634	0,043	0,293
CHR14	9972195	CHR14:9972195	SSF x Near_LoA	-6,082	-0,004	0,276
CHR14	9974108	CHR14:9974108	SSF x Near_LoA	-8,820	-0,002	0,285
CHR14	9978089	CHR14:9978089	SSF x Near_LoA	-4,769	-0,213	0,265
CHR14	9978268	CHR14:9978268	SSF x Near_LoA	-6,615	-0,124	0,266
CHR14	9991965	CHR14:9991965	SSF x Near_LoA	-6,943	0,157	0,281
CHR14	9992109	CHR14:9992109	SSF x Near_LoA	-8,465	-0,032	0,294
CHR14	9992154	CHR14:9992154	SSF x Near_LoA	-4,253	-0,192	0,281
CHR15	1E+07	CHR15:10013065	SSF x Near_LoA	-5,639	-0,096	0,292
CHR15	1E+07	CHR15:10013221	SSF x Near_LoA	-8,515	-0,069	0,275
CHR15	1E+07	CHR15:10026810	SSF x Near_LoA	-8,221	-0,012	0,285
CHR15	1E+07	CHR15:10026876	SSF x Near_LoA	-9,552	0,048	0,277
CHR15	1E+07	CHR15:10026928	SSF x Near_LoA	-9,277	-0,063	0,269
CHR15	1E+07	CHR15:10026929	SSF x Near_LoA	-7,746	-0,078	0,269
CHR15	1E+07	CHR15:10026932	SSF x Near_LoA	-9,041	-0,062	0,269
CHR15	1E+07	CHR15:10031897	SSF x Near_LoA	-7,653	-0,082	0,275
CHR15	1E+07	CHR15:10031900	SSF x Near_LoA	-0,706	-0,060	0,282
CHR15	1E+07	CHR15:10031945	SSF x Near_LoA	-6,543	-0,159	0,270
CHR15	1E+07	CHR15:10037148	SSF x Near_LoA	-9,042	-0,013	0,294
CHR15	1E+07	CHR15:10061411	SSF x Near_LoA	-9,818	0,014	0,291
CHR15	1E+07	CHR15:10061699	SSF x Near_LoA	-9,655	0,000	0,275
CHR15	1E+07	CHR15:10061700	SSF x Near_LoA	-4,982	0,018	0,292
CHR15	1E+07	CHR15:10061713	SSF x Near_LoA	-7,933	0,015	0,280
CHR15	1E+07	CHR15:10061717	SSF x Near_LoA	-8,987	0,022	0,283
CHR15	1E+07	CHR15:10078237	SSF x Near_LoA	-7,913	-0,030	0,290
CHR15	1E+07	CHR15:10085508	SSF x Near_LoA	-8,469	-0,043	0,276
CHR15	1E+07	CHR15:10085715	SSF x Near_LoA	-7,676	0,101	0,297
CHR15	1E+07	CHR15:10088319	SSF x Near_LoA	-9,860	-0,094	0,264
CHR15	1E+07	CHR15:10088570	SSF x Near_LoA	-9,266	0,004	0,287
CHR15	1E+07	CHR15:10088620	SSF x Near_LoA	-7,873	-0,014	0,282
CHR15	1E+07	CHR15:10091112	SSF x Near_LoA	-8,409	0,049	0,278
CHR15	1E+07	CHR15:10101732	SSF x Near_LoA	-7,150	-0,073	0,288
CHR15	1E+07	CHR15:10101896	SSF x Near_LoA	-7,442	0,030	0,291
CHR15	1E+07	CHR15:10101925	SSF x Near_LoA	-10,808	0,050	0,283
CHR15	1E+07	CHR15:10102043	SSF x Near_LoA	-8,847	0,047	0,288
CHR15	1E+07	CHR15:10106466	SSF x Near_LoA	-8,634	0,057	0,287
CHR15	1E+07	CHR15:10137950	SSF x Near_LoA	-9,041	-0,049	0,297
CHR15	1E+07	CHR15:10139033	SSF x Near_LoA	-8,773	0,046	0,295
CHR15	1E+07	CHR15:10148477	SSF x Near_LoA	-7,108	0,070	0,283
CHR15	1E+07	CHR15:10148482	SSF x Near_LoA	-7,916	0,024	0,276
CHR15	1E+07	CHR15:10148566	SSF x Near_LoA	-7,031	-0,052	0,282
CHR15	1E+07	CHR15:10165010	SSF x Near_LoA	-6,072	0,144	0,281
CHR15	1E+07	CHR15:10165096	SSF x Near_LoA	-9,590	0,028	0,286
CHR15	1E+07	CHR15:10165299	SSF x Near_LoA	-5,940	0,157	0,272
CHR15	1E+07	CHR15:10165332	SSF x Near_LoA	-8,289	0,015	0,287
CHR15	1E+07	CHR15:10165362	SSF x Near_LoA	-2,713	0,163	0,278
CHR15	1021992	CHR15:1021992	SSF x Near_LoA	-9,091	-0,100	0,264
CHR15	1022277	CHR15:1022277	SSF x Near_LoA	-5,590	-0,041	0,296
CHR15	1E+07	CHR15:10226484	SSF x Near_LoA	-8,698	-0,061	0,294
CHR15	1E+07	CHR15:10230960	SSF x Near_LoA	-7,503	0,015	0,295
CHR15	1E+07	CHR15:10231052	SSF x Near_LoA	-8,601	0,070	0,289
CHR15	1E+07	CHR15:10231147	SSF x Near_LoA	0,774	-0,246	0,274
CHR15	1E+07	CHR15:10232564	SSF x Near_LoA	-7,655	-0,093	0,281

CHR15	1E+07	CHR15:10232638	SSF x Near_LoA	-9,611	0,033	0,279
CHR15	1E+07	CHR15:10280359	SSF x Near_LoA	-8,659	-0,148	0,276
CHR15	1E+07	CHR15:10280363	SSF x Near_LoA	-8,227	0,040	0,289
CHR15	1E+07	CHR15:10280380	SSF x Near_LoA	-8,555	-0,165	0,285
CHR15	1E+07	CHR15:10280453	SSF x Near_LoA	-10,850	-0,068	0,273
CHR15	1E+07	CHR15:10280554	SSF x Near_LoA	-4,088	-0,215	0,264
CHR15	1E+07	CHR15:10284100	SSF x Near_LoA	-4,443	-0,217	0,281
CHR15	1E+07	CHR15:10289487	SSF x Near_LoA	-5,993	0,153	0,280
CHR15	1E+07	CHR15:10289507	SSF x Near_LoA	-5,839	0,183	0,284
CHR15	1E+07	CHR15:10289514	SSF x Near_LoA	-8,460	-0,138	0,296
CHR15	1E+07	CHR15:10289542	SSF x Near_LoA	-7,008	0,145	0,277
CHR15	1E+07	CHR15:10300104	SSF x Near_LoA	-9,277	0,067	0,285
CHR15	1E+07	CHR15:10300123	SSF x Near_LoA	-3,415	0,055	0,295
CHR15	1E+07	CHR15:10300126	SSF x Near_LoA	-7,761	-0,007	0,290
CHR15	1E+07	CHR15:10300178	SSF x Near_LoA	-7,415	-0,060	0,283
CHR15	1E+07	CHR15:10300180	SSF x Near_LoA	-7,230	-0,141	0,291
CHR15	1E+07	CHR15:10300194	SSF x Near_LoA	-7,829	-0,072	0,293
CHR15	1E+07	CHR15:10300207	SSF x Near_LoA	-3,581	-0,140	0,280
CHR15	1E+07	CHR15:10322339	SSF x Near_LoA	-7,522	-0,173	0,273
CHR15	1E+07	CHR15:10335052	SSF x Near_LoA	-8,368	0,006	0,294
CHR15	1034380	CHR15:1034380	SSF x Near_LoA	-8,605	0,033	0,284
CHR15	1034504	CHR15:1034504	SSF x Near_LoA	-8,285	-0,027	0,280
CHR15	1034519	CHR15:1034519	SSF x Near_LoA	-2,686	0,240	0,280
CHR15	1E+07	CHR15:10346232	SSF x Near_LoA	-6,022	-0,140	0,274
CHR15	1E+07	CHR15:10346262	SSF x Near_LoA	-9,131	-0,112	0,278
CHR15	1E+07	CHR15:10348239	SSF x Near_LoA	-2,816	-0,229	0,269
CHR15	1E+07	CHR15:10370251	SSF x Near_LoA	-9,225	0,124	0,268
CHR15	1E+07	CHR15:10384194	SSF x Near_LoA	-9,898	-0,102	0,290
CHR15	1E+07	CHR15:10393029	SSF x Near_LoA	-6,691	-0,003	0,298
CHR15	1040717	CHR15:1040717	SSF x Near_LoA	-3,666	0,184	0,274
CHR15	1040727	CHR15:1040727	SSF x Near_LoA	-7,887	0,076	0,302
CHR15	1E+07	CHR15:10407791	SSF x Near_LoA	-6,393	0,116	0,273
CHR15	1E+07	CHR15:10407812	SSF x Near_LoA	-8,420	-0,101	0,282
CHR15	1040841	CHR15:1040841	SSF x Near_LoA	-7,779	0,002	0,289
CHR15	1040906	CHR15:1040906	SSF x Near_LoA	-8,808	-0,043	0,280
CHR15	1E+07	CHR15:10413554	SSF x Near_LoA	-3,356	-0,192	0,285
CHR15	1E+07	CHR15:10425312	SSF x Near_LoA	-1,524	-0,022	0,269
CHR15	1E+07	CHR15:10435835	SSF x Near_LoA	-5,541	0,161	0,282
CHR15	1E+07	CHR15:10435978	SSF x Near_LoA	-9,840	0,010	0,297
CHR15	1E+07	CHR15:10440640	SSF x Near_LoA	-7,543	0,120	0,280
CHR15	1E+07	CHR15:10443227	SSF x Near_LoA	-6,524	0,066	0,285
CHR15	1E+07	CHR15:10443282	SSF x Near_LoA	-9,527	0,004	0,281
CHR15	1E+07	CHR15:10444981	SSF x Near_LoA	-9,850	0,012	0,284
CHR15	1E+07	CHR15:10445498	SSF x Near_LoA	-5,924	0,157	0,284
CHR15	1E+07	CHR15:10448564	SSF x Near_LoA	-7,168	0,043	0,297
CHR15	1E+07	CHR15:10455027	SSF x Near_LoA	-9,090	-0,053	0,300
CHR15	1E+07	CHR15:10455043	SSF x Near_LoA	-7,504	0,098	0,299
CHR15	1E+07	CHR15:10463993	SSF x Near_LoA	-5,627	-0,129	0,257
CHR15	1E+07	CHR15:10471101	SSF x Near_LoA	-10,813	-0,033	0,276
CHR15	10515647	CHR15:10515647	SSF x Near_LoA	-8,981	0,019	0,291
CHR15	10515702	CHR15:10515702	SSF x Near_LoA	-10,461	-0,121	0,276
CHR15	10515774	CHR15:10515774	SSF x Near_LoA	-6,283	-0,109	0,289
CHR15	10538306	CHR15:10538306	SSF x Near_LoA	-8,929	0,024	0,274

CHR15	10538355	CHR15:10538355	SSF x Near_LoA	-7,923	-0,002	0,305
CHR15	10538368	CHR15:10538368	SSF x Near_LoA	-8,243	-0,030	0,285
CHR15	10540354	CHR15:10540354	SSF x Near_LoA	-7,414	0,024	0,284
CHR15	10540376	CHR15:10540376	SSF x Near_LoA	-7,561	-0,149	0,282
CHR15	10547021	CHR15:10547021	SSF x Near_LoA	-9,343	0,074	0,291
CHR15	10547171	CHR15:10547171	SSF x Near_LoA	-10,035	-0,028	0,279
CHR15	10549906	CHR15:10549906	SSF x Near_LoA	-9,179	-0,040	0,284
CHR15	10549924	CHR15:10549924	SSF x Near_LoA	-6,080	-0,131	0,280
CHR15	10551984	CHR15:10551984	SSF x Near_LoA	-8,237	-0,113	0,283
CHR15	10557683	CHR15:10557683	SSF x Near_LoA	-7,321	0,094	0,285
CHR15	10557807	CHR15:10557807	SSF x Near_LoA	2,388	0,136	0,289
CHR15	10557860	CHR15:10557860	SSF x Near_LoA	-8,417	-0,056	0,259
CHR15	10561480	CHR15:10561480	SSF x Near_LoA	-9,950	0,045	0,293
CHR15	10561503	CHR15:10561503	SSF x Near_LoA	-9,623	-0,098	0,283
CHR15	10561504	CHR15:10561504	SSF x Near_LoA	-6,690	-0,139	0,280
CHR15	10562861	CHR15:10562861	SSF x Near_LoA	-9,527	-0,099	0,282
CHR15	10562914	CHR15:10562914	SSF x Near_LoA	-10,363	0,040	0,278
CHR15	10563040	CHR15:10563040	SSF x Near_LoA	-8,551	0,089	0,279
CHR15	10569387	CHR15:10569387	SSF x Near_LoA	-3,791	0,070	0,279
CHR15	10569731	CHR15:10569731	SSF x Near_LoA	-5,712	0,052	0,260
CHR15	10590173	CHR15:10590173	SSF x Near_LoA	-6,815	-0,126	0,283
CHR15	10590178	CHR15:10590178	SSF x Near_LoA	-6,938	-0,119	0,287
CHR15	10595361	CHR15:10595361	SSF x Near_LoA	-9,534	0,029	0,296
CHR15	10595398	CHR15:10595398	SSF x Near_LoA	-3,170	-0,097	0,290
CHR15	10595449	CHR15:10595449	SSF x Near_LoA	-5,252	-0,122	0,285
CHR15	10595606	CHR15:10595606	SSF x Near_LoA	-8,986	-0,103	0,280
CHR15	10597176	CHR15:10597176	SSF x Near_LoA	-7,333	0,154	0,292
CHR15	10600716	CHR15:10600716	SSF x Near_LoA	-10,832	0,093	0,278
CHR15	10630669	CHR15:10630669	SSF x Near_LoA	-5,630	0,195	0,286
CHR15	10630885	CHR15:10630885	SSF x Near_LoA	-10,819	0,029	0,282
CHR15	10639017	CHR15:10639017	SSF x Near_LoA	-8,160	0,065	0,281
CHR15	10639078	CHR15:10639078	SSF x Near_LoA	-10,138	-0,060	0,285
CHR15	10639190	CHR15:10639190	SSF x Near_LoA	-8,114	-0,064	0,280
CHR15	10639314	CHR15:10639314	SSF x Near_LoA	-7,091	0,035	0,303
CHR15	10645531	CHR15:10645531	SSF x Near_LoA	-8,867	0,037	0,284
CHR15	10645778	CHR15:10645778	SSF x Near_LoA	-8,914	-0,122	0,286
CHR15	10647109	CHR15:10647109	SSF x Near_LoA	-5,632	0,187	0,260
CHR15	10647170	CHR15:10647170	SSF x Near_LoA	-5,584	0,173	0,274
CHR15	10653035	CHR15:10653035	SSF x Near_LoA	-5,876	-0,224	0,275
CHR15	10653047	CHR15:10653047	SSF x Near_LoA	-7,541	0,099	0,287
CHR15	10672572	CHR15:10672572	SSF x Near_LoA	-8,048	0,018	0,286
CHR15	10672603	CHR15:10672603	SSF x Near_LoA	-8,556	0,009	0,288
CHR15	10672790	CHR15:10672790	SSF x Near_LoA	-5,780	0,072	0,294
CHR15	10672834	CHR15:10672834	SSF x Near_LoA	-9,279	-0,088	0,289
CHR15	10672857	CHR15:10672857	SSF x Near_LoA	-10,143	0,022	0,292
CHR15	10672860	CHR15:10672860	SSF x Near_LoA	-8,096	-0,023	0,287
CHR15	10672900	CHR15:10672900	SSF x Near_LoA	-7,046	0,044	0,283
CHR15	10693164	CHR15:10693164	SSF x Near_LoA	-8,018	-0,020	0,289
CHR15	10693228	CHR15:10693228	SSF x Near_LoA	-5,036	-0,058	0,283
CHR15	10724364	CHR15:10724364	SSF x Near_LoA	-8,475	0,093	0,280
CHR15	10747308	CHR15:10747308	SSF x Near_LoA	-5,889	0,120	0,276
CHR15	10758003	CHR15:10758003	SSF x Near_LoA	-7,737	-0,032	0,286
CHR15	10758020	CHR15:10758020	SSF x Near_LoA	-4,923	-0,018	0,303

CHR15	10758031	CHR15:10758031	SSF x Near_LoA	-5,857	-0,002	0,278
CHR15	10758164	CHR15:10758164	SSF x Near_LoA	-7,548	-0,019	0,286
CHR15	10758276	CHR15:10758276	SSF x Near_LoA	-6,972	-0,077	0,295
CHR15	10758280	CHR15:10758280	SSF x Near_LoA	-6,516	-0,106	0,284
CHR15	10760309	CHR15:10760309	SSF x Near_LoA	-9,646	-0,013	0,284
CHR15	10780273	CHR15:10780273	SSF x Near_LoA	-6,295	0,154	0,275
CHR15	10791991	CHR15:10791991	SSF x Near_LoA	-6,581	0,164	0,277
CHR15	10798703	CHR15:10798703	SSF x Near_LoA	-6,372	-0,097	0,289
CHR15	10884378	CHR15:10884378	SSF x Near_LoA	-4,261	0,143	0,281
CHR15	10893160	CHR15:10893160	SSF x Near_LoA	-8,614	0,137	0,286
CHR15	10893161	CHR15:10893161	SSF x Near_LoA	-8,116	-0,015	0,289
CHR15	1089706	CHR15:1089706	SSF x Near_LoA	-8,260	0,094	0,287
CHR15	1089759	CHR15:1089759	SSF x Near_LoA	-10,549	0,007	0,265
CHR15	1089865	CHR15:1089865	SSF x Near_LoA	-7,604	0,064	0,278
CHR15	109035	CHR15:109035	SSF x Near_LoA	-3,557	0,138	0,274
CHR15	10904022	CHR15:10904022	SSF x Near_LoA	-7,286	0,201	0,274
CHR15	109078	CHR15:109078	SSF x Near_LoA	-8,270	0,075	0,283
CHR15	10909150	CHR15:10909150	SSF x Near_LoA	-7,046	-0,111	0,278
CHR15	10909232	CHR15:10909232	SSF x Near_LoA	-6,053	0,055	0,280
CHR15	10909247	CHR15:10909247	SSF x Near_LoA	-6,445	0,026	0,294
CHR15	10909258	CHR15:10909258	SSF x Near_LoA	-8,429	0,004	0,288
CHR15	10909261	CHR15:10909261	SSF x Near_LoA	-8,107	0,053	0,283
CHR15	10918560	CHR15:10918560	SSF x Near_LoA	-9,585	-0,018	0,295
CHR15	10921578	CHR15:10921578	SSF x Near_LoA	-9,470	0,010	0,290
CHR15	10932719	CHR15:10932719	SSF x Near_LoA	-8,243	-0,007	0,280
CHR15	10940850	CHR15:10940850	SSF x Near_LoA	-10,233	-0,023	0,281
CHR15	10940857	CHR15:10940857	SSF x Near_LoA	-7,255	0,027	0,299
CHR15	10941029	CHR15:10941029	SSF x Near_LoA	-7,259	0,089	0,282
CHR15	1098451	CHR15:1098451	SSF x Near_LoA	-7,071	0,110	0,299
CHR15	10986483	CHR15:10986483	SSF x Near_LoA	-8,791	0,019	0,285
CHR15	11017626	CHR15:11017626	SSF x Near_LoA	-8,716	0,120	0,288
CHR15	11040798	CHR15:11040798	SSF x Near_LoA	-8,584	0,060	0,280
CHR15	11041074	CHR15:11041074	SSF x Near_LoA	-8,511	-0,065	0,286
CHR15	11053101	CHR15:11053101	SSF x Near_LoA	-7,295	0,005	0,290
CHR15	11053112	CHR15:11053112	SSF x Near_LoA	-5,540	-0,172	0,281
CHR15	11072279	CHR15:11072279	SSF x Near_LoA	-6,393	-0,183	0,284
CHR15	11072491	CHR15:11072491	SSF x Near_LoA	-7,893	0,035	0,280
CHR15	11096814	CHR15:11096814	SSF x Near_LoA	-5,083	-0,036	0,301
CHR15	11097000	CHR15:11097000	SSF x Near_LoA	-7,754	-0,005	0,278
CHR15	11097045	CHR15:11097045	SSF x Near_LoA	-8,483	0,026	0,276
CHR15	11097234	CHR15:11097234	SSF x Near_LoA	-9,501	0,000	0,290
CHR15	11097239	CHR15:11097239	SSF x Near_LoA	-9,725	0,048	0,294
CHR15	11119360	CHR15:11119360	SSF x Near_LoA	-8,739	0,096	0,279
CHR15	11119380	CHR15:11119380	SSF x Near_LoA	-8,674	0,139	0,293
CHR15	11119401	CHR15:11119401	SSF x Near_LoA	-8,028	0,129	0,297
CHR15	11123898	CHR15:11123898	SSF x Near_LoA	-8,544	0,123	0,291
CHR15	11129958	CHR15:11129958	SSF x Near_LoA	-6,561	-0,076	0,281
CHR15	1113747	CHR15:1113747	SSF x Near_LoA	-7,659	0,020	0,293
CHR15	1113748	CHR15:1113748	SSF x Near_LoA	-7,759	0,009	0,301
CHR15	1113779	CHR15:1113779	SSF x Near_LoA	-5,088	0,052	0,282
CHR15	1113810	CHR15:1113810	SSF x Near_LoA	-7,128	0,159	0,269
CHR15	1113830	CHR15:1113830	SSF x Near_LoA	-11,435	-0,039	0,272
CHR15	1113882	CHR15:1113882	SSF x Near_LoA	-5,401	-0,109	0,295

CHR15	11138821	CHR15:11138821	SSF x Near_LoA	-7,482	0,040	0,272
CHR15	11138899	CHR15:11138899	SSF x Near_LoA	-5,657	0,053	0,274
CHR15	11139171	CHR15:11139171	SSF x Near_LoA	-10,826	-0,021	0,283
CHR15	11146988	CHR15:11146988	SSF x Near_LoA	-10,155	0,079	0,294
CHR15	11147124	CHR15:11147124	SSF x Near_LoA	-10,133	0,047	0,281
CHR15	11157295	CHR15:11157295	SSF x Near_LoA	-7,843	-0,198	0,276
CHR15	11157298	CHR15:11157298	SSF x Near_LoA	8,715	-0,169	0,266
CHR15	11157389	CHR15:11157389	SSF x Near_LoA	-8,637	0,043	0,303
CHR15	11164197	CHR15:11164197	SSF x Near_LoA	-6,920	-0,128	0,268
CHR15	11169745	CHR15:11169745	SSF x Near_LoA	-10,572	0,059	0,292
CHR15	11202634	CHR15:11202634	SSF x Near_LoA	-5,001	-0,040	0,295
CHR15	11202908	CHR15:11202908	SSF x Near_LoA	-6,534	0,095	0,293
CHR15	1121016	CHR15:1121016	SSF x Near_LoA	-7,555	-0,038	0,292
CHR15	1121044	CHR15:1121044	SSF x Near_LoA	-10,934	-0,044	0,286
CHR15	1121879	CHR15:1121879	SSF x Near_LoA	-8,945	-0,140	0,272
CHR15	11254343	CHR15:11254343	SSF x Near_LoA	-9,511	0,050	0,287
CHR15	11327878	CHR15:11327878	SSF x Near_LoA	-8,948	-0,130	0,276
CHR15	1135055	CHR15:1135055	SSF x Near_LoA	-6,351	-0,006	0,277
CHR15	1135132	CHR15:1135132	SSF x Near_LoA	-8,463	0,073	0,304
CHR15	1135149	CHR15:1135149	SSF x Near_LoA	-8,554	0,124	0,277
CHR15	1136286	CHR15:1136286	SSF x Near_LoA	-11,052	0,017	0,284
CHR15	11366219	CHR15:11366219	SSF x Near_LoA	-8,032	-0,022	0,284
CHR15	11367211	CHR15:11367211	SSF x Near_LoA	-5,798	-0,177	0,279
CHR15	11369229	CHR15:11369229	SSF x Near_LoA	-8,753	-0,149	0,287
CHR15	11375842	CHR15:11375842	SSF x Near_LoA	6,329	-0,179	0,283
CHR15	11375843	CHR15:11375843	SSF x Near_LoA	-6,532	-0,164	0,286
CHR15	11396550	CHR15:11396550	SSF x Near_LoA	-2,753	0,173	0,268
CHR15	11402129	CHR15:11402129	SSF x Near_LoA	-4,754	0,060	0,287
CHR15	11405159	CHR15:11405159	SSF x Near_LoA	-9,651	-0,142	0,288
CHR15	11405700	CHR15:11405700	SSF x Near_LoA	-8,144	0,103	0,285
CHR15	1141408	CHR15:1141408	SSF x Near_LoA	-9,333	0,029	0,286
CHR15	1141421	CHR15:1141421	SSF x Near_LoA	-6,883	0,026	0,293
CHR15	1141431	CHR15:1141431	SSF x Near_LoA	-9,375	0,005	0,278
CHR15	1164127	CHR15:1164127	SSF x Near_LoA	-8,271	-0,035	0,282
CHR15	1164235	CHR15:1164235	SSF x Near_LoA	-7,118	-0,060	0,289
CHR15	1164269	CHR15:1164269	SSF x Near_LoA	-9,559	-0,036	0,295
CHR15	1164292	CHR15:1164292	SSF x Near_LoA	-6,720	-0,066	0,286
CHR15	1164398	CHR15:1164398	SSF x Near_LoA	-6,742	-0,143	0,294
CHR15	1178399	CHR15:1178399	SSF x Near_LoA	-8,928	0,091	0,300
CHR15	1210801	CHR15:1210801	SSF x Near_LoA	-10,379	0,044	0,291
CHR15	1210841	CHR15:1210841	SSF x Near_LoA	-7,529	-0,124	0,296
CHR15	1216668	CHR15:1216668	SSF x Near_LoA	-9,527	-0,049	0,288
CHR15	1216689	CHR15:1216689	SSF x Near_LoA	-4,882	0,152	0,287
CHR15	1216728	CHR15:1216728	SSF x Near_LoA	-4,903	-0,162	0,279
CHR15	1216729	CHR15:1216729	SSF x Near_LoA	-2,619	0,170	0,280
CHR15	1216738	CHR15:1216738	SSF x Near_LoA	-7,514	-0,160	0,283
CHR15	1226707	CHR15:1226707	SSF x Near_LoA	-8,514	0,028	0,277
CHR15	1226867	CHR15:1226867	SSF x Near_LoA	-7,998	0,008	0,293
CHR15	1227017	CHR15:1227017	SSF x Near_LoA	-8,666	0,092	0,282
CHR15	1233507	CHR15:1233507	SSF x Near_LoA	-9,695	-0,027	0,271
CHR15	1233551	CHR15:1233551	SSF x Near_LoA	-4,256	-0,260	0,261
CHR15	1233612	CHR15:1233612	SSF x Near_LoA	-6,856	-0,213	0,259
CHR15	1233743	CHR15:1233743	SSF x Near_LoA	-5,320	-0,159	0,258

CHR15	1255917	CHR15:1255917	SSF x Near_LoA	-8,297	-0,009	0,302
CHR15	1256048	CHR15:1256048	SSF x Near_LoA	-6,752	0,136	0,276
CHR15	1256103	CHR15:1256103	SSF x Near_LoA	-5,811	0,169	0,271
CHR15	1259894	CHR15:1259894	SSF x Near_LoA	-8,267	-0,102	0,278
CHR15	1259931	CHR15:1259931	SSF x Near_LoA	-6,893	-0,012	0,286
CHR15	1273562	CHR15:1273562	SSF x Near_LoA	-5,995	0,002	0,296
CHR15	1276175	CHR15:1276175	SSF x Near_LoA	-7,527	-0,079	0,298
CHR15	1303712	CHR15:1303712	SSF x Near_LoA	-5,186	-0,013	0,287
CHR15	1303770	CHR15:1303770	SSF x Near_LoA	-8,344	-0,064	0,281
CHR15	1364271	CHR15:1364271	SSF x Near_LoA	-6,745	0,062	0,298
CHR15	1364374	CHR15:1364374	SSF x Near_LoA	-5,809	-0,065	0,289
CHR15	1364417	CHR15:1364417	SSF x Near_LoA	-9,925	-0,013	0,280
CHR15	1364496	CHR15:1364496	SSF x Near_LoA	-8,863	0,082	0,298
CHR15	1364541	CHR15:1364541	SSF x Near_LoA	-8,934	0,047	0,290
CHR15	1364577	CHR15:1364577	SSF x Near_LoA	-8,944	-0,013	0,297
CHR15	1375121	CHR15:1375121	SSF x Near_LoA	-5,935	0,202	0,272
CHR15	1375127	CHR15:1375127	SSF x Near_LoA	-7,591	-0,111	0,285
CHR15	1375203	CHR15:1375203	SSF x Near_LoA	-10,313	0,032	0,291
CHR15	1375352	CHR15:1375352	SSF x Near_LoA	-7,593	-0,054	0,284
CHR15	1375434	CHR15:1375434	SSF x Near_LoA	-7,054	0,011	0,265
CHR15	1375435	CHR15:1375435	SSF x Near_LoA	-8,454	0,024	0,269
CHR15	1472206	CHR15:1472206	SSF x Near_LoA	-7,516	-0,123	0,286
CHR15	1472462	CHR15:1472462	SSF x Near_LoA	-11,395	0,029	0,279
CHR15	1472479	CHR15:1472479	SSF x Near_LoA	-8,231	0,056	0,288
CHR15	1472590	CHR15:1472590	SSF x Near_LoA	-9,088	0,089	0,305
CHR15	1472599	CHR15:1472599	SSF x Near_LoA	-8,043	0,061	0,290
CHR15	1479894	CHR15:1479894	SSF x Near_LoA	-7,522	-0,164	0,284
CHR15	1479951	CHR15:1479951	SSF x Near_LoA	-6,359	-0,067	0,307
CHR15	1489696	CHR15:1489696	SSF x Near_LoA	-6,075	0,052	0,278
CHR15	1489724	CHR15:1489724	SSF x Near_LoA	-10,705	-0,055	0,280
CHR15	1489732	CHR15:1489732	SSF x Near_LoA	-4,168	0,122	0,284
CHR15	1489736	CHR15:1489736	SSF x Near_LoA	-7,226	0,121	0,281
CHR15	1497572	CHR15:1497572	SSF x Near_LoA	-8,946	0,041	0,279
CHR15	1497635	CHR15:1497635	SSF x Near_LoA	-6,826	-0,136	0,283
CHR15	1497694	CHR15:1497694	SSF x Near_LoA	-9,817	-0,052	0,274
CHR15	1497695	CHR15:1497695	SSF x Near_LoA	-10,046	-0,034	0,286
CHR15	1514771	CHR15:1514771	SSF x Near_LoA	-8,616	-0,043	0,289
CHR15	1515007	CHR15:1515007	SSF x Near_LoA	-9,024	0,069	0,293
CHR15	1522250	CHR15:1522250	SSF x Near_LoA	-5,629	-0,190	0,277
CHR15	1528608	CHR15:1528608	SSF x Near_LoA	-8,176	-0,058	0,275
CHR15	1531286	CHR15:1531286	SSF x Near_LoA	-7,849	-0,046	0,297
CHR15	1562490	CHR15:1562490	SSF x Near_LoA	-7,991	-0,120	0,278
CHR15	1579651	CHR15:1579651	SSF x Near_LoA	-8,203	0,086	0,284
CHR15	1579659	CHR15:1579659	SSF x Near_LoA	-8,617	0,066	0,290
CHR15	1579672	CHR15:1579672	SSF x Near_LoA	-9,425	-0,010	0,285
CHR15	1579684	CHR15:1579684	SSF x Near_LoA	-9,765	0,036	0,293
CHR15	1579732	CHR15:1579732	SSF x Near_LoA	-7,708	0,029	0,293
CHR15	1602079	CHR15:1602079	SSF x Near_LoA	-7,723	0,046	0,285
CHR15	1602091	CHR15:1602091	SSF x Near_LoA	-7,293	-0,114	0,283
CHR15	1602111	CHR15:1602111	SSF x Near_LoA	-6,591	-0,127	0,283
CHR15	1602120	CHR15:1602120	SSF x Near_LoA	-4,009	-0,151	0,289
CHR15	1602176	CHR15:1602176	SSF x Near_LoA	-7,441	0,061	0,294
CHR15	1615461	CHR15:1615461	SSF x Near_LoA	-6,079	-0,100	0,290

CHR15	1687155	CHR15:1687155	SSF x Near_LoA	-9,181	0,133	0,287
CHR15	1687168	CHR15:1687168	SSF x Near_LoA	-10,618	-0,019	0,274
CHR15	1687234	CHR15:1687234	SSF x Near_LoA	-7,392	-0,064	0,274
CHR15	1698892	CHR15:1698892	SSF x Near_LoA	-6,886	0,120	0,293
CHR15	1698970	CHR15:1698970	SSF x Near_LoA	-8,782	0,035	0,288
CHR15	1699043	CHR15:1699043	SSF x Near_LoA	-9,659	0,044	0,266
CHR15	1701963	CHR15:1701963	SSF x Near_LoA	-6,296	-0,120	0,276
CHR15	1702008	CHR15:1702008	SSF x Near_LoA	-10,624	0,083	0,279
CHR15	1702019	CHR15:1702019	SSF x Near_LoA	-2,695	-0,287	0,253
CHR15	1702037	CHR15:1702037	SSF x Near_LoA	-4,357	0,159	0,282
CHR15	1702136	CHR15:1702136	SSF x Near_LoA	1,286	0,325	0,263
CHR15	1702144	CHR15:1702144	SSF x Near_LoA	4,186	0,308	0,257
CHR15	1702168	CHR15:1702168	SSF x Near_LoA	-0,773	0,331	0,255
CHR15	1702229	CHR15:1702229	SSF x Near_LoA	-2,192	-0,298	0,269
CHR15	1705785	CHR15:1705785	SSF x Near_LoA	-5,486	-0,041	0,285
CHR15	1711633	CHR15:1711633	SSF x Near_LoA	-9,728	-0,017	0,288
CHR15	1711643	CHR15:1711643	SSF x Near_LoA	-10,014	-0,003	0,291
CHR15	1711686	CHR15:1711686	SSF x Near_LoA	-7,512	0,077	0,298
CHR15	1711717	CHR15:1711717	SSF x Near_LoA	-6,565	-0,128	0,278
CHR15	1711729	CHR15:1711729	SSF x Near_LoA	-11,091	0,070	0,273
CHR15	1728356	CHR15:1728356	SSF x Near_LoA	-7,940	0,101	0,282
CHR15	1728418	CHR15:1728418	SSF x Near_LoA	-1,877	-0,239	0,275
CHR15	1728577	CHR15:1728577	SSF x Near_LoA	-8,070	0,036	0,278
CHR15	1733089	CHR15:1733089	SSF x Near_LoA	-6,286	0,179	0,283
CHR15	1733314	CHR15:1733314	SSF x Near_LoA	-7,415	0,064	0,265
CHR15	1733345	CHR15:1733345	SSF x Near_LoA	-7,992	0,036	0,283
CHR15	1733348	CHR15:1733348	SSF x Near_LoA	-4,633	0,034	0,283
CHR15	1759214	CHR15:1759214	SSF x Near_LoA	-8,425	0,021	0,300
CHR15	1763732	CHR15:1763732	SSF x Near_LoA	-8,509	-0,083	0,285
CHR15	1763970	CHR15:1763970	SSF x Near_LoA	-7,492	0,042	0,298
CHR15	1769990	CHR15:1769990	SSF x Near_LoA	-10,522	0,001	0,285
CHR15	1772971	CHR15:1772971	SSF x Near_LoA	-8,357	0,003	0,300
CHR15	1773001	CHR15:1773001	SSF x Near_LoA	-7,703	0,091	0,293
CHR15	1773216	CHR15:1773216	SSF x Near_LoA	-8,095	-0,139	0,279
CHR15	1775479	CHR15:1775479	SSF x Near_LoA	-9,004	0,060	0,307
CHR15	1775597	CHR15:1775597	SSF x Near_LoA	-9,717	0,044	0,273
CHR15	1775672	CHR15:1775672	SSF x Near_LoA	-8,706	0,055	0,281
CHR15	1810097	CHR15:1810097	SSF x Near_LoA	-8,706	-0,005	0,293
CHR15	1810181	CHR15:1810181	SSF x Near_LoA	-6,722	0,005	0,304
CHR15	1810247	CHR15:1810247	SSF x Near_LoA	-7,974	-0,036	0,283
CHR15	1810253	CHR15:1810253	SSF x Near_LoA	-1,054	-0,255	0,270
CHR15	1810257	CHR15:1810257	SSF x Near_LoA	-10,576	-0,071	0,282
CHR15	1830498	CHR15:1830498	SSF x Near_LoA	-7,324	0,097	0,290
CHR15	1830641	CHR15:1830641	SSF x Near_LoA	-6,116	-0,108	0,282
CHR15	1833599	CHR15:1833599	SSF x Near_LoA	-8,343	0,106	0,280
CHR15	1833798	CHR15:1833798	SSF x Near_LoA	-8,133	0,038	0,279
CHR15	1833809	CHR15:1833809	SSF x Near_LoA	-6,380	0,096	0,296
CHR15	1833844	CHR15:1833844	SSF x Near_LoA	-8,573	-0,072	0,291
CHR15	1847410	CHR15:1847410	SSF x Near_LoA	-4,405	-0,057	0,289
CHR15	1847425	CHR15:1847425	SSF x Near_LoA	-2,065	0,210	0,288
CHR15	1847482	CHR15:1847482	SSF x Near_LoA	-7,545	0,013	0,274
CHR15	1872336	CHR15:1872336	SSF x Near_LoA	-10,930	0,016	0,277
CHR15	1875832	CHR15:1875832	SSF x Near_LoA	-9,518	0,029	0,287

CHR15	1875934	CHR15:1875934	SSF x Near_LoA	-7,159	0,177	0,278
CHR15	1924935	CHR15:1924935	SSF x Near_LoA	-8,217	0,006	0,295
CHR15	1933400	CHR15:1933400	SSF x Near_LoA	-8,194	0,067	0,287
CHR15	1944330	CHR15:1944330	SSF x Near_LoA	-7,084	-0,088	0,266
CHR15	1944338	CHR15:1944338	SSF x Near_LoA	-7,303	0,050	0,289
CHR15	1944356	CHR15:1944356	SSF x Near_LoA	-7,482	-0,095	0,289
CHR15	1944403	CHR15:1944403	SSF x Near_LoA	-9,414	0,089	0,280
CHR15	1962886	CHR15:1962886	SSF x Near_LoA	-7,243	0,103	0,276
CHR15	1962909	CHR15:1962909	SSF x Near_LoA	-5,261	0,164	0,270
CHR15	1962928	CHR15:1962928	SSF x Near_LoA	-7,799	-0,062	0,282
CHR15	1962941	CHR15:1962941	SSF x Near_LoA	-3,885	0,080	0,298
CHR15	1968825	CHR15:1968825	SSF x Near_LoA	-5,277	-0,215	0,276
CHR15	1971466	CHR15:1971466	SSF x Near_LoA	-6,425	0,177	0,286
CHR15	1974227	CHR15:1974227	SSF x Near_LoA	-6,322	0,079	0,287
CHR15	1976135	CHR15:1976135	SSF x Near_LoA	-9,492	0,013	0,288
CHR15	1976375	CHR15:1976375	SSF x Near_LoA	-8,057	-0,048	0,302
CHR15	1988931	CHR15:1988931	SSF x Near_LoA	-6,341	-0,025	0,300
CHR15	1988940	CHR15:1988940	SSF x Near_LoA	-7,008	0,004	0,291
CHR15	1988958	CHR15:1988958	SSF x Near_LoA	-7,314	-0,037	0,295
CHR15	1989028	CHR15:1989028	SSF x Near_LoA	-7,440	0,107	0,268
CHR15	1989099	CHR15:1989099	SSF x Near_LoA	-10,175	-0,037	0,286
CHR15	1989104	CHR15:1989104	SSF x Near_LoA	-6,822	0,098	0,305
CHR15	2007212	CHR15:2007212	SSF x Near_LoA	-8,804	0,077	0,293
CHR15	2015245	CHR15:2015245	SSF x Near_LoA	-6,943	0,017	0,306
CHR15	2021731	CHR15:2021731	SSF x Near_LoA	-7,857	-0,075	0,286
CHR15	2026282	CHR15:2026282	SSF x Near_LoA	-9,056	0,025	0,292
CHR15	2030882	CHR15:2030882	SSF x Near_LoA	-8,575	-0,094	0,285
CHR15	2047882	CHR15:2047882	SSF x Near_LoA	-7,258	0,024	0,292
CHR15	2047887	CHR15:2047887	SSF x Near_LoA	-7,245	-0,080	0,278
CHR15	2047909	CHR15:2047909	SSF x Near_LoA	-7,733	-0,093	0,276
CHR15	2047914	CHR15:2047914	SSF x Near_LoA	-8,157	-0,071	0,281
CHR15	2047959	CHR15:2047959	SSF x Near_LoA	-7,606	-0,149	0,275
CHR15	2047978	CHR15:2047978	SSF x Near_LoA	-10,363	0,052	0,274
CHR15	2048010	CHR15:2048010	SSF x Near_LoA	-8,951	-0,009	0,284
CHR15	2048018	CHR15:2048018	SSF x Near_LoA	-5,395	-0,071	0,299
CHR15	2048254	CHR15:2048254	SSF x Near_LoA	-9,553	0,052	0,294
CHR15	2048338	CHR15:2048338	SSF x Near_LoA	-6,449	-0,077	0,291
CHR15	2048451	CHR15:2048451	SSF x Near_LoA	-7,613	0,125	0,290
CHR15	2052949	CHR15:2052949	SSF x Near_LoA	-7,850	0,017	0,270
CHR15	2052999	CHR15:2052999	SSF x Near_LoA	-4,290	-0,170	0,275
CHR15	2055218	CHR15:2055218	SSF x Near_LoA	-1,557	0,252	0,267
CHR15	2078155	CHR15:2078155	SSF x Near_LoA	-7,122	-0,159	0,273
CHR15	2078196	CHR15:2078196	SSF x Near_LoA	-7,907	0,034	0,299
CHR15	2078242	CHR15:2078242	SSF x Near_LoA	-6,969	-0,121	0,284
CHR15	2092325	CHR15:2092325	SSF x Near_LoA	-8,072	-0,090	0,291
CHR15	2092432	CHR15:2092432	SSF x Near_LoA	-8,710	0,006	0,293
CHR15	2116051	CHR15:2116051	SSF x Near_LoA	-8,787	-0,023	0,271
CHR15	2116173	CHR15:2116173	SSF x Near_LoA	-10,258	-0,012	0,278
CHR15	2116284	CHR15:2116284	SSF x Near_LoA	-10,726	0,033	0,276
CHR15	2116291	CHR15:2116291	SSF x Near_LoA	-9,217	-0,094	0,292
CHR15	2116328	CHR15:2116328	SSF x Near_LoA	-6,147	-0,149	0,285
CHR15	2116333	CHR15:2116333	SSF x Near_LoA	-4,485	-0,127	0,284
CHR15	2116344	CHR15:2116344	SSF x Near_LoA	-7,191	-0,203	0,270

CHR15	2122272	CHR15:2122272	SSF x Near_LoA	-7,478	-0,077	0,279
CHR15	2122331	CHR15:2122331	SSF x Near_LoA	-5,002	0,012	0,285
CHR15	2122372	CHR15:2122372	SSF x Near_LoA	-8,267	0,052	0,289
CHR15	2122379	CHR15:2122379	SSF x Near_LoA	-7,642	-0,159	0,276
CHR15	2138092	CHR15:2138092	SSF x Near_LoA	-9,645	-0,020	0,292
CHR15	2150683	CHR15:2150683	SSF x Near_LoA	-7,699	0,030	0,288
CHR15	2150756	CHR15:2150756	SSF x Near_LoA	-7,919	0,032	0,294
CHR15	2151629	CHR15:2151629	SSF x Near_LoA	-7,256	0,131	0,289
CHR15	2151641	CHR15:2151641	SSF x Near_LoA	-9,020	0,049	0,277
CHR15	2183797	CHR15:2183797	SSF x Near_LoA	-9,261	0,055	0,287
CHR15	2195629	CHR15:2195629	SSF x Near_LoA	-10,815	0,051	0,279
CHR15	2208367	CHR15:2208367	SSF x Near_LoA	-7,329	0,056	0,303
CHR15	2208434	CHR15:2208434	SSF x Near_LoA	-7,240	-0,013	0,287
CHR15	2208522	CHR15:2208522	SSF x Near_LoA	-6,196	-0,025	0,306
CHR15	2208554	CHR15:2208554	SSF x Near_LoA	-4,699	0,077	0,280
CHR15	2208594	CHR15:2208594	SSF x Near_LoA	-7,428	0,104	0,298
CHR15	2213783	CHR15:2213783	SSF x Near_LoA	-8,292	0,031	0,275
CHR15	2213804	CHR15:2213804	SSF x Near_LoA	-7,905	-0,051	0,289
CHR15	2213827	CHR15:2213827	SSF x Near_LoA	-7,599	0,025	0,268
CHR15	2213883	CHR15:2213883	SSF x Near_LoA	-4,891	0,156	0,288
CHR15	2213916	CHR15:2213916	SSF x Near_LoA	-5,863	-0,106	0,266
CHR15	2232129	CHR15:2232129	SSF x Near_LoA	-7,011	-0,008	0,284
CHR15	2232212	CHR15:2232212	SSF x Near_LoA	-6,376	0,041	0,299
CHR15	2232317	CHR15:2232317	SSF x Near_LoA	-1,965	-0,142	0,275
CHR15	2232439	CHR15:2232439	SSF x Near_LoA	-10,160	-0,006	0,288
CHR15	2232499	CHR15:2232499	SSF x Near_LoA	-9,960	0,060	0,299
CHR15	2232505	CHR15:2232505	SSF x Near_LoA	-7,816	0,037	0,288
CHR15	2252929	CHR15:2252929	SSF x Near_LoA	-7,634	-0,088	0,284
CHR15	2266177	CHR15:2266177	SSF x Near_LoA	-8,177	-0,185	0,273
CHR15	2290068	CHR15:2290068	SSF x Near_LoA	-8,800	0,010	0,294
CHR15	2324430	CHR15:2324430	SSF x Near_LoA	-7,770	0,075	0,280
CHR15	2324455	CHR15:2324455	SSF x Near_LoA	-6,725	0,006	0,284
CHR15	2324457	CHR15:2324457	SSF x Near_LoA	-9,322	0,104	0,279
CHR15	2324483	CHR15:2324483	SSF x Near_LoA	-3,938	-0,043	0,302
CHR15	2324521	CHR15:2324521	SSF x Near_LoA	-7,647	-0,102	0,287
CHR15	2324573	CHR15:2324573	SSF x Near_LoA	-6,086	-0,133	0,296
CHR15	2324613	CHR15:2324613	SSF x Near_LoA	-6,758	0,057	0,302
CHR15	2336774	CHR15:2336774	SSF x Near_LoA	-8,613	-0,063	0,294
CHR15	2336867	CHR15:2336867	SSF x Near_LoA	-5,871	-0,016	0,279
CHR15	2336873	CHR15:2336873	SSF x Near_LoA	-7,524	-0,077	0,285
CHR15	2341865	CHR15:2341865	SSF x Near_LoA	-10,001	0,040	0,284
CHR15	2357453	CHR15:2357453	SSF x Near_LoA	-8,621	0,041	0,282
CHR15	2357454	CHR15:2357454	SSF x Near_LoA	-10,747	-0,081	0,281
CHR15	2357539	CHR15:2357539	SSF x Near_LoA	-8,012	0,011	0,288
CHR15	2370764	CHR15:2370764	SSF x Near_LoA	-5,233	-0,130	0,285
CHR15	2370782	CHR15:2370782	SSF x Near_LoA	-3,787	0,208	0,292
CHR15	2370812	CHR15:2370812	SSF x Near_LoA	-7,930	0,045	0,281
CHR15	2370818	CHR15:2370818	SSF x Near_LoA	-8,557	-0,011	0,284
CHR15	2370828	CHR15:2370828	SSF x Near_LoA	-8,492	-0,085	0,291
CHR15	2370837	CHR15:2370837	SSF x Near_LoA	-8,446	-0,068	0,278
CHR15	2371014	CHR15:2371014	SSF x Near_LoA	-7,061	-0,108	0,272
CHR15	2371020	CHR15:2371020	SSF x Near_LoA	-8,673	-0,004	0,289
CHR15	2371036	CHR15:2371036	SSF x Near_LoA	-8,156	0,014	0,273

CHR15	2371188	CHR15:2371188	SSF x Near_LoA	-9,007	0,066	0,284
CHR15	2383228	CHR15:2383228	SSF x Near_LoA	-8,701	-0,003	0,280
CHR15	2383393	CHR15:2383393	SSF x Near_LoA	-7,508	0,059	0,290
CHR15	2383423	CHR15:2383423	SSF x Near_LoA	-9,671	-0,045	0,288
CHR15	2386967	CHR15:2386967	SSF x Near_LoA	-6,014	0,097	0,296
CHR15	2386973	CHR15:2386973	SSF x Near_LoA	-8,946	0,084	0,276
CHR15	2387015	CHR15:2387015	SSF x Near_LoA	-7,792	0,001	0,287
CHR15	238783	CHR15:238783	SSF x Near_LoA	-9,725	0,068	0,284
CHR15	2388769	CHR15:2388769	SSF x Near_LoA	-8,933	0,025	0,296
CHR15	2388797	CHR15:2388797	SSF x Near_LoA	-7,593	-0,076	0,290
CHR15	2388809	CHR15:2388809	SSF x Near_LoA	-7,154	0,014	0,283
CHR15	2388810	CHR15:2388810	SSF x Near_LoA	-7,961	-0,019	0,274
CHR15	239002	CHR15:239002	SSF x Near_LoA	-10,526	0,055	0,280
CHR15	2390618	CHR15:2390618	SSF x Near_LoA	-7,457	-0,120	0,281
CHR15	2391067	CHR15:2391067	SSF x Near_LoA	-3,217	0,136	0,292
CHR15	2391117	CHR15:2391117	SSF x Near_LoA	-9,275	0,080	0,269
CHR15	2391125	CHR15:2391125	SSF x Near_LoA	-4,106	0,153	0,306
CHR15	2395239	CHR15:2395239	SSF x Near_LoA	-9,474	-0,034	0,303
CHR15	2395242	CHR15:2395242	SSF x Near_LoA	-9,214	0,129	0,291
CHR15	2397042	CHR15:2397042	SSF x Near_LoA	-8,475	-0,074	0,284
CHR15	2404344	CHR15:2404344	SSF x Near_LoA	-4,413	-0,161	0,270
CHR15	2404475	CHR15:2404475	SSF x Near_LoA	-9,634	-0,051	0,292
CHR15	2404484	CHR15:2404484	SSF x Near_LoA	-6,544	0,014	0,293
CHR15	2407938	CHR15:2407938	SSF x Near_LoA	-5,987	-0,123	0,285
CHR15	2407975	CHR15:2407975	SSF x Near_LoA	-6,967	0,130	0,293
CHR15	2407998	CHR15:2407998	SSF x Near_LoA	-7,092	-0,012	0,274
CHR15	2413770	CHR15:2413770	SSF x Near_LoA	-9,108	0,050	0,286
CHR15	2413807	CHR15:2413807	SSF x Near_LoA	-9,087	-0,049	0,289
CHR15	2422017	CHR15:2422017	SSF x Near_LoA	-10,606	0,015	0,294
CHR15	2422140	CHR15:2422140	SSF x Near_LoA	0,466	0,068	0,292
CHR15	242315	CHR15:242315	SSF x Near_LoA	-8,795	0,083	0,295
CHR15	242355	CHR15:242355	SSF x Near_LoA	-6,115	0,071	0,290
CHR15	242381	CHR15:242381	SSF x Near_LoA	-7,904	0,019	0,304
CHR15	242470	CHR15:242470	SSF x Near_LoA	-8,462	0,042	0,296
CHR15	2432614	CHR15:2432614	SSF x Near_LoA	-8,882	-0,037	0,285
CHR15	2432677	CHR15:2432677	SSF x Near_LoA	-7,482	0,103	0,283
CHR15	2432697	CHR15:2432697	SSF x Near_LoA	-5,692	0,144	0,274
CHR15	2432805	CHR15:2432805	SSF x Near_LoA	-6,346	0,111	0,272
CHR15	2432861	CHR15:2432861	SSF x Near_LoA	-7,322	0,047	0,284
CHR15	2432877	CHR15:2432877	SSF x Near_LoA	-7,275	0,005	0,288
CHR15	2442868	CHR15:2442868	SSF x Near_LoA	-7,139	-0,094	0,291
CHR15	2442893	CHR15:2442893	SSF x Near_LoA	-7,994	0,051	0,294
CHR15	2442899	CHR15:2442899	SSF x Near_LoA	-7,059	-0,098	0,278
CHR15	2442958	CHR15:2442958	SSF x Near_LoA	-9,116	0,127	0,281
CHR15	2442983	CHR15:2442983	SSF x Near_LoA	-4,365	0,059	0,289
CHR15	2468514	CHR15:2468514	SSF x Near_LoA	-11,091	-0,038	0,275
CHR15	2468538	CHR15:2468538	SSF x Near_LoA	-8,322	-0,095	0,281
CHR15	2468629	CHR15:2468629	SSF x Near_LoA	-10,050	0,045	0,290
CHR15	2468741	CHR15:2468741	SSF x Near_LoA	-7,046	0,074	0,286
CHR15	2475023	CHR15:2475023	SSF x Near_LoA	-7,041	0,149	0,285
CHR15	2484015	CHR15:2484015	SSF x Near_LoA	-6,746	0,127	0,288
CHR15	2484051	CHR15:2484051	SSF x Near_LoA	-6,050	0,084	0,288
CHR15	2484247	CHR15:2484247	SSF x Near_LoA	-8,155	0,014	0,275

CHR15	2490017	CHR15:2490017	SSF x Near_LoA	-9,023	0,032	0,280
CHR15	2541890	CHR15:2541890	SSF x Near_LoA	-7,894	-0,025	0,280
CHR15	2541918	CHR15:2541918	SSF x Near_LoA	-7,029	0,044	0,281
CHR15	2542007	CHR15:2542007	SSF x Near_LoA	-10,771	-0,061	0,285
CHR15	2542119	CHR15:2542119	SSF x Near_LoA	-9,717	-0,087	0,278
CHR15	2542128	CHR15:2542128	SSF x Near_LoA	-7,002	-0,046	0,274
CHR15	2554158	CHR15:2554158	SSF x Near_LoA	-9,037	0,021	0,278
CHR15	2554159	CHR15:2554159	SSF x Near_LoA	-8,683	-0,042	0,283
CHR15	2554292	CHR15:2554292	SSF x Near_LoA	2,024	0,044	0,302
CHR15	2556515	CHR15:2556515	SSF x Near_LoA	-9,613	0,005	0,292
CHR15	2561464	CHR15:2561464	SSF x Near_LoA	-7,691	-0,047	0,296
CHR15	2561469	CHR15:2561469	SSF x Near_LoA	-10,437	-0,106	0,274
CHR15	2561538	CHR15:2561538	SSF x Near_LoA	-4,222	-0,108	0,277
CHR15	2561563	CHR15:2561563	SSF x Near_LoA	-8,877	0,102	0,296
CHR15	2561593	CHR15:2561593	SSF x Near_LoA	-7,755	-0,118	0,281
CHR15	2565340	CHR15:2565340	SSF x Near_LoA	-9,075	-0,102	0,292
CHR15	2565354	CHR15:2565354	SSF x Near_LoA	-8,508	-0,070	0,287
CHR15	2568507	CHR15:2568507	SSF x Near_LoA	-10,493	0,030	0,293
CHR15	2572851	CHR15:2572851	SSF x Near_LoA	-6,694	0,096	0,285
CHR15	2572929	CHR15:2572929	SSF x Near_LoA	-1,935	-0,020	0,286
CHR15	2576248	CHR15:2576248	SSF x Near_LoA	-8,247	0,090	0,292
CHR15	2576253	CHR15:2576253	SSF x Near_LoA	-8,487	0,041	0,280
CHR15	2576283	CHR15:2576283	SSF x Near_LoA	-8,227	0,135	0,282
CHR15	2576308	CHR15:2576308	SSF x Near_LoA	-7,756	0,079	0,272
CHR15	2576313	CHR15:2576313	SSF x Near_LoA	-7,342	0,065	0,287
CHR15	2576321	CHR15:2576321	SSF x Near_LoA	-5,913	0,075	0,301
CHR15	2576434	CHR15:2576434	SSF x Near_LoA	-7,297	0,078	0,279
CHR15	2576482	CHR15:2576482	SSF x Near_LoA	-3,779	-0,065	0,293
CHR15	2576516	CHR15:2576516	SSF x Near_LoA	-7,234	-0,050	0,294
CHR15	2587776	CHR15:2587776	SSF x Near_LoA	-7,756	0,076	0,285
CHR15	2588514	CHR15:2588514	SSF x Near_LoA	-8,007	0,018	0,270
CHR15	2588552	CHR15:2588552	SSF x Near_LoA	-7,290	0,062	0,308
CHR15	2588613	CHR15:2588613	SSF x Near_LoA	-5,535	0,216	0,274
CHR15	2588622	CHR15:2588622	SSF x Near_LoA	-9,539	-0,018	0,279
CHR15	2591562	CHR15:2591562	SSF x Near_LoA	-9,207	0,129	0,263
CHR15	2591594	CHR15:2591594	SSF x Near_LoA	-7,379	-0,030	0,289
CHR15	2591610	CHR15:2591610	SSF x Near_LoA	-0,607	0,038	0,284
CHR15	2591611	CHR15:2591611	SSF x Near_LoA	-7,177	0,042	0,288
CHR15	2591619	CHR15:2591619	SSF x Near_LoA	-5,521	0,198	0,269
CHR15	2609797	CHR15:2609797	SSF x Near_LoA	-4,106	-0,198	0,275
CHR15	2609842	CHR15:2609842	SSF x Near_LoA	-9,900	0,011	0,289
CHR15	2609872	CHR15:2609872	SSF x Near_LoA	-6,392	-0,164	0,289
CHR15	2609932	CHR15:2609932	SSF x Near_LoA	-9,588	-0,029	0,290
CHR15	2610026	CHR15:2610026	SSF x Near_LoA	-8,769	-0,019	0,281
CHR15	2615538	CHR15:2615538	SSF x Near_LoA	-3,955	-0,073	0,302
CHR15	2615563	CHR15:2615563	SSF x Near_LoA	-8,265	-0,032	0,289
CHR15	2622995	CHR15:2622995	SSF x Near_LoA	-7,735	0,132	0,275
CHR15	2623154	CHR15:2623154	SSF x Near_LoA	-7,773	0,036	0,275
CHR15	2624707	CHR15:2624707	SSF x Near_LoA	-8,489	-0,029	0,268
CHR15	2624735	CHR15:2624735	SSF x Near_LoA	-1,541	-0,192	0,280
CHR15	2624913	CHR15:2624913	SSF x Near_LoA	-6,706	0,186	0,285
CHR15	2626728	CHR15:2626728	SSF x Near_LoA	-8,647	0,054	0,290
CHR15	2626732	CHR15:2626732	SSF x Near_LoA	-9,929	0,045	0,301

CHR15	2626750	CHR15:2626750	SSF x Near_LoA	-9,300	0,105	0,289
CHR15	2626876	CHR15:2626876	SSF x Near_LoA	-6,565	0,036	0,285
CHR15	2626884	CHR15:2626884	SSF x Near_LoA	-7,672	-0,006	0,281
CHR15	2626890	CHR15:2626890	SSF x Near_LoA	-7,703	-0,029	0,291
CHR15	2626896	CHR15:2626896	SSF x Near_LoA	-9,217	0,012	0,296
CHR15	2737817	CHR15:2737817	SSF x Near_LoA	-1,266	0,185	0,285
CHR15	2739681	CHR15:2739681	SSF x Near_LoA	-8,819	-0,071	0,281
CHR15	2739684	CHR15:2739684	SSF x Near_LoA	-7,663	-0,058	0,292
CHR15	2739694	CHR15:2739694	SSF x Near_LoA	-9,776	-0,075	0,281
CHR15	2739713	CHR15:2739713	SSF x Near_LoA	-7,895	-0,086	0,291
CHR15	2739715	CHR15:2739715	SSF x Near_LoA	-7,838	0,059	0,275
CHR15	2739872	CHR15:2739872	SSF x Near_LoA	-5,392	0,164	0,284
CHR15	2750031	CHR15:2750031	SSF x Near_LoA	-8,156	0,007	0,292
CHR15	2750046	CHR15:2750046	SSF x Near_LoA	-7,818	-0,190	0,274
CHR15	2750338	CHR15:2750338	SSF x Near_LoA	-4,665	-0,160	0,273
CHR15	2756669	CHR15:2756669	SSF x Near_LoA	-10,098	0,074	0,289
CHR15	2756878	CHR15:2756878	SSF x Near_LoA	-6,596	-0,039	0,304
CHR15	2757022	CHR15:2757022	SSF x Near_LoA	-9,392	0,059	0,282
CHR15	2757023	CHR15:2757023	SSF x Near_LoA	-7,600	0,075	0,289
CHR15	2757025	CHR15:2757025	SSF x Near_LoA	-6,930	0,092	0,303
CHR15	2757027	CHR15:2757027	SSF x Near_LoA	-8,469	0,071	0,284
CHR15	2762874	CHR15:2762874	SSF x Near_LoA	-7,970	0,085	0,292
CHR15	2763054	CHR15:2763054	SSF x Near_LoA	-8,978	-0,011	0,287
CHR15	2763128	CHR15:2763128	SSF x Near_LoA	-10,773	-0,092	0,272
CHR15	2763142	CHR15:2763142	SSF x Near_LoA	-7,155	-0,088	0,271
CHR15	2763169	CHR15:2763169	SSF x Near_LoA	-5,230	-0,152	0,273
CHR15	2769873	CHR15:2769873	SSF x Near_LoA	-10,931	-0,072	0,281
CHR15	2770100	CHR15:2770100	SSF x Near_LoA	-5,609	0,178	0,260
CHR15	2770191	CHR15:2770191	SSF x Near_LoA	-4,769	-0,156	0,295
CHR15	2770876	CHR15:2770876	SSF x Near_LoA	-7,024	-0,113	0,300
CHR15	2770897	CHR15:2770897	SSF x Near_LoA	-7,282	-0,049	0,286
CHR15	2770901	CHR15:2770901	SSF x Near_LoA	-7,912	0,061	0,280
CHR15	2770969	CHR15:2770969	SSF x Near_LoA	-7,398	-0,032	0,289
CHR15	2771016	CHR15:2771016	SSF x Near_LoA	-4,789	-0,177	0,292
CHR15	2771075	CHR15:2771075	SSF x Near_LoA	-7,486	0,068	0,287
CHR15	2780646	CHR15:2780646	SSF x Near_LoA	-4,575	-0,209	0,281
CHR15	2781047	CHR15:2781047	SSF x Near_LoA	-7,986	0,035	0,295
CHR15	2781054	CHR15:2781054	SSF x Near_LoA	-7,044	0,051	0,301
CHR15	2781064	CHR15:2781064	SSF x Near_LoA	-3,682	0,229	0,270
CHR15	2802433	CHR15:2802433	SSF x Near_LoA	-6,761	0,169	0,273
CHR15	2802462	CHR15:2802462	SSF x Near_LoA	4,278	-0,159	0,284
CHR15	2802518	CHR15:2802518	SSF x Near_LoA	-8,005	-0,092	0,281
CHR15	2810126	CHR15:2810126	SSF x Near_LoA	-5,238	0,224	0,271
CHR15	2810134	CHR15:2810134	SSF x Near_LoA	7,562	0,195	0,258
CHR15	2810153	CHR15:2810153	SSF x Near_LoA	-7,220	0,188	0,252
CHR15	2810273	CHR15:2810273	SSF x Near_LoA	-6,571	0,093	0,271
CHR15	2810284	CHR15:2810284	SSF x Near_LoA	-9,232	-0,011	0,295
CHR15	2810290	CHR15:2810290	SSF x Near_LoA	-5,429	0,043	0,282
CHR15	2810298	CHR15:2810298	SSF x Near_LoA	-7,717	-0,001	0,293
CHR15	2810317	CHR15:2810317	SSF x Near_LoA	-7,156	-0,012	0,294
CHR15	2810319	CHR15:2810319	SSF x Near_LoA	-6,233	-0,035	0,298
CHR15	2810320	CHR15:2810320	SSF x Near_LoA	-8,294	-0,006	0,292
CHR15	2810323	CHR15:2810323	SSF x Near_LoA	-8,516	-0,024	0,294

CHR15	2810326	CHR15:2810326	SSF x Near_LoA	-9,313	-0,012	0,289
CHR15	2810335	CHR15:2810335	SSF x Near_LoA	-6,991	-0,089	0,267
CHR15	281407	CHR15:281407	SSF x Near_LoA	-10,912	-0,058	0,282
CHR15	281409	CHR15:281409	SSF x Near_LoA	-10,195	-0,078	0,290
CHR15	281462	CHR15:281462	SSF x Near_LoA	-9,861	-0,026	0,291
CHR15	281494	CHR15:281494	SSF x Near_LoA	-10,184	0,012	0,281
CHR15	281687	CHR15:281687	SSF x Near_LoA	-9,689	-0,042	0,287
CHR15	283501	CHR15:283501	SSF x Near_LoA	-9,773	0,008	0,279
CHR15	284029	CHR15:284029	SSF x Near_LoA	-9,452	-0,092	0,285
CHR15	284109	CHR15:284109	SSF x Near_LoA	-9,590	-0,078	0,282
CHR15	2892292	CHR15:2892292	SSF x Near_LoA	-10,012	0,092	0,292
CHR15	2892449	CHR15:2892449	SSF x Near_LoA	-7,685	-0,155	0,282
CHR15	2895990	CHR15:2895990	SSF x Near_LoA	-6,187	-0,138	0,260
CHR15	2905846	CHR15:2905846	SSF x Near_LoA	-8,746	0,059	0,283
CHR15	2905849	CHR15:2905849	SSF x Near_LoA	-5,275	0,167	0,260
CHR15	2905926	CHR15:2905926	SSF x Near_LoA	-5,908	-0,157	0,301
CHR15	2905949	CHR15:2905949	SSF x Near_LoA	-9,078	0,059	0,267
CHR15	2906065	CHR15:2906065	SSF x Near_LoA	-8,900	0,003	0,274
CHR15	2909358	CHR15:2909358	SSF x Near_LoA	-8,196	0,010	0,286
CHR15	2920614	CHR15:2920614	SSF x Near_LoA	-7,444	0,093	0,277
CHR15	2920627	CHR15:2920627	SSF x Near_LoA	-6,870	0,033	0,276
CHR15	2955883	CHR15:2955883	SSF x Near_LoA	-7,576	-0,008	0,291
CHR15	2955885	CHR15:2955885	SSF x Near_LoA	-5,853	-0,027	0,297
CHR15	2955918	CHR15:2955918	SSF x Near_LoA	-5,901	0,029	0,292
CHR15	2955960	CHR15:2955960	SSF x Near_LoA	-7,984	-0,035	0,284
CHR15	2956041	CHR15:2956041	SSF x Near_LoA	-10,429	-0,041	0,289
CHR15	2956059	CHR15:2956059	SSF x Near_LoA	-4,079	0,126	0,275
CHR15	2956074	CHR15:2956074	SSF x Near_LoA	-7,334	0,022	0,286
CHR15	2956078	CHR15:2956078	SSF x Near_LoA	-3,909	0,069	0,308
CHR15	2956080	CHR15:2956080	SSF x Near_LoA	-9,494	-0,028	0,298
CHR15	2956083	CHR15:2956083	SSF x Near_LoA	-6,260	-0,126	0,288
CHR15	2956125	CHR15:2956125	SSF x Near_LoA	-8,031	-0,119	0,281
CHR15	2956137	CHR15:2956137	SSF x Near_LoA	-7,500	-0,130	0,283
CHR15	296321	CHR15:296321	SSF x Near_LoA	-8,064	0,008	0,301
CHR15	2966196	CHR15:2966196	SSF x Near_LoA	-6,014	-0,083	0,289
CHR15	2966336	CHR15:2966336	SSF x Near_LoA	-7,412	-0,108	0,293
CHR15	2969204	CHR15:2969204	SSF x Near_LoA	-8,525	0,098	0,295
CHR15	2969228	CHR15:2969228	SSF x Near_LoA	-3,563	-0,118	0,295
CHR15	2969252	CHR15:2969252	SSF x Near_LoA	-10,600	-0,059	0,284
CHR15	2973175	CHR15:2973175	SSF x Near_LoA	-8,006	0,013	0,284
CHR15	2978343	CHR15:2978343	SSF x Near_LoA	-9,702	0,081	0,284
CHR15	2982655	CHR15:2982655	SSF x Near_LoA	-5,734	0,142	0,266
CHR15	2982739	CHR15:2982739	SSF x Near_LoA	-9,488	0,072	0,278
CHR15	2982832	CHR15:2982832	SSF x Near_LoA	-6,471	-0,147	0,282
CHR15	2989639	CHR15:2989639	SSF x Near_LoA	-9,573	0,001	0,279
CHR15	2990884	CHR15:2990884	SSF x Near_LoA	-8,745	0,030	0,277
CHR15	2991031	CHR15:2991031	SSF x Near_LoA	-8,419	-0,011	0,297
CHR15	2991077	CHR15:2991077	SSF x Near_LoA	-6,740	-0,131	0,296
CHR15	2991082	CHR15:2991082	SSF x Near_LoA	-6,956	0,078	0,298
CHR15	2999701	CHR15:2999701	SSF x Near_LoA	-7,905	-0,030	0,292
CHR15	2999711	CHR15:2999711	SSF x Near_LoA	-8,158	-0,058	0,284
CHR15	3004140	CHR15:3004140	SSF x Near_LoA	-4,347	0,161	0,289
CHR15	3004524	CHR15:3004524	SSF x Near_LoA	-5,528	0,135	0,285

CHR15	3052361	CHR15:3052361	SSF x Near_LoA	-6,280	-0,057	0,300
CHR15	3055323	CHR15:3055323	SSF x Near_LoA	-10,196	-0,015	0,279
CHR15	3056727	CHR15:3056727	SSF x Near_LoA	-8,433	-0,053	0,283
CHR15	3056974	CHR15:3056974	SSF x Near_LoA	-10,397	-0,050	0,290
CHR15	3056979	CHR15:3056979	SSF x Near_LoA	-8,563	-0,024	0,280
CHR15	3062286	CHR15:3062286	SSF x Near_LoA	-9,184	0,050	0,284
CHR15	3062321	CHR15:3062321	SSF x Near_LoA	-4,158	0,125	0,295
CHR15	3062364	CHR15:3062364	SSF x Near_LoA	-8,304	0,049	0,290
CHR15	3062447	CHR15:3062447	SSF x Near_LoA	-8,059	0,070	0,290
CHR15	3062544	CHR15:3062544	SSF x Near_LoA	-7,703	0,090	0,291
CHR15	3074957	CHR15:3074957	SSF x Near_LoA	-8,057	-0,007	0,298
CHR15	3089095	CHR15:3089095	SSF x Near_LoA	-8,989	0,126	0,282
CHR15	3089115	CHR15:3089115	SSF x Near_LoA	-7,112	-0,115	0,280
CHR15	3090707	CHR15:3090707	SSF x Near_LoA	-5,602	-0,115	0,286
CHR15	3090821	CHR15:3090821	SSF x Near_LoA	-10,434	-0,010	0,299
CHR15	3093005	CHR15:3093005	SSF x Near_LoA	-5,210	0,034	0,291
CHR15	3093033	CHR15:3093033	SSF x Near_LoA	-5,213	0,131	0,292
CHR15	3093146	CHR15:3093146	SSF x Near_LoA	-7,997	-0,025	0,296
CHR15	3096502	CHR15:3096502	SSF x Near_LoA	-9,348	-0,015	0,285
CHR15	3106951	CHR15:3106951	SSF x Near_LoA	-9,357	-0,028	0,294
CHR15	3106985	CHR15:3106985	SSF x Near_LoA	-8,806	-0,107	0,289
CHR15	3108784	CHR15:3108784	SSF x Near_LoA	-6,325	0,075	0,290
CHR15	3118590	CHR15:3118590	SSF x Near_LoA	-7,659	0,085	0,295
CHR15	3118634	CHR15:3118634	SSF x Near_LoA	-5,276	0,087	0,288
CHR15	3118656	CHR15:3118656	SSF x Near_LoA	-5,865	-0,153	0,287
CHR15	3118708	CHR15:3118708	SSF x Near_LoA	-6,610	-0,099	0,295
CHR15	3141513	CHR15:3141513	SSF x Near_LoA	-7,137	0,100	0,306
CHR15	3141525	CHR15:3141525	SSF x Near_LoA	-10,893	0,045	0,282
CHR15	3145070	CHR15:3145070	SSF x Near_LoA	-10,367	-0,045	0,287
CHR15	3159942	CHR15:3159942	SSF x Near_LoA	-9,059	-0,001	0,284
CHR15	3159945	CHR15:3159945	SSF x Near_LoA	-8,300	-0,134	0,279
CHR15	3160024	CHR15:3160024	SSF x Near_LoA	-9,635	-0,040	0,272
CHR15	3160076	CHR15:3160076	SSF x Near_LoA	-5,269	0,202	0,278
CHR15	3168262	CHR15:3168262	SSF x Near_LoA	-5,321	0,212	0,275
CHR15	3170240	CHR15:3170240	SSF x Near_LoA	-9,566	0,075	0,289
CHR15	3180855	CHR15:3180855	SSF x Near_LoA	-8,503	-0,015	0,276
CHR15	3201656	CHR15:3201656	SSF x Near_LoA	-0,806	-0,243	0,270
CHR15	3203757	CHR15:3203757	SSF x Near_LoA	-8,257	-0,072	0,297
CHR15	3203859	CHR15:3203859	SSF x Near_LoA	-8,464	-0,138	0,276
CHR15	3203935	CHR15:3203935	SSF x Near_LoA	-7,440	0,068	0,303
CHR15	3217821	CHR15:3217821	SSF x Near_LoA	-7,670	-0,105	0,272
CHR15	3219395	CHR15:3219395	SSF x Near_LoA	-8,034	0,062	0,285
CHR15	3219554	CHR15:3219554	SSF x Near_LoA	-7,373	0,062	0,292
CHR15	3221152	CHR15:3221152	SSF x Near_LoA	-8,711	0,056	0,288
CHR15	3224050	CHR15:3224050	SSF x Near_LoA	-10,144	-0,018	0,286
CHR15	3224242	CHR15:3224242	SSF x Near_LoA	-5,503	-0,147	0,289
CHR15	3231246	CHR15:3231246	SSF x Near_LoA	-8,026	-0,006	0,305
CHR15	3231490	CHR15:3231490	SSF x Near_LoA	-8,392	-0,023	0,289
CHR15	3231670	CHR15:3231670	SSF x Near_LoA	-9,656	0,063	0,287
CHR15	3242751	CHR15:3242751	SSF x Near_LoA	-4,141	0,187	0,275
CHR15	3245834	CHR15:3245834	SSF x Near_LoA	-7,903	0,006	0,299
CHR15	3245842	CHR15:3245842	SSF x Near_LoA	-9,850	-0,047	0,282
CHR15	3246934	CHR15:3246934	SSF x Near_LoA	-5,481	-0,018	0,304

CHR15	3247061	CHR15:3247061	SSF x Near_LoA	-8,187	0,007	0,279
CHR15	3276688	CHR15:3276688	SSF x Near_LoA	-10,397	-0,001	0,288
CHR15	3278639	CHR15:3278639	SSF x Near_LoA	-10,530	0,056	0,297
CHR15	3284948	CHR15:3284948	SSF x Near_LoA	-8,204	0,004	0,289
CHR15	3284986	CHR15:3284986	SSF x Near_LoA	-8,243	-0,164	0,286
CHR15	3285892	CHR15:3285892	SSF x Near_LoA	-8,315	-0,029	0,298
CHR15	3285901	CHR15:3285901	SSF x Near_LoA	-8,061	-0,078	0,274
CHR15	3285914	CHR15:3285914	SSF x Near_LoA	-8,580	-0,039	0,271
CHR15	3285934	CHR15:3285934	SSF x Near_LoA	-7,385	-0,104	0,297
CHR15	3285937	CHR15:3285937	SSF x Near_LoA	-8,186	0,034	0,278
CHR15	3286051	CHR15:3286051	SSF x Near_LoA	-7,433	-0,090	0,289
CHR15	3305411	CHR15:3305411	SSF x Near_LoA	-3,891	0,002	0,295
CHR15	3305447	CHR15:3305447	SSF x Near_LoA	-9,592	0,040	0,292
CHR15	3310061	CHR15:3310061	SSF x Near_LoA	-9,862	-0,040	0,292
CHR15	3318540	CHR15:3318540	SSF x Near_LoA	-8,748	0,014	0,301
CHR15	3322072	CHR15:3322072	SSF x Near_LoA	-10,549	-0,037	0,285
CHR15	3322075	CHR15:3322075	SSF x Near_LoA	-4,989	-0,146	0,285
CHR15	3322124	CHR15:3322124	SSF x Near_LoA	-9,317	0,033	0,280
CHR15	3322134	CHR15:3322134	SSF x Near_LoA	-6,897	0,153	0,274
CHR15	3322191	CHR15:3322191	SSF x Near_LoA	-8,808	0,152	0,286
CHR15	3322260	CHR15:3322260	SSF x Near_LoA	-9,795	0,096	0,279
CHR15	3324966	CHR15:3324966	SSF x Near_LoA	-7,482	-0,015	0,272
CHR15	3325042	CHR15:3325042	SSF x Near_LoA	-8,701	-0,095	0,288
CHR15	3336019	CHR15:3336019	SSF x Near_LoA	-9,544	-0,023	0,289
CHR15	3336021	CHR15:3336021	SSF x Near_LoA	-8,714	-0,010	0,286
CHR15	3336034	CHR15:3336034	SSF x Near_LoA	-10,375	0,052	0,284
CHR15	3342024	CHR15:3342024	SSF x Near_LoA	-6,592	0,044	0,279
CHR15	3342051	CHR15:3342051	SSF x Near_LoA	-9,088	0,029	0,279
CHR15	3342360	CHR15:3342360	SSF x Near_LoA	-7,467	-0,121	0,295
CHR15	3347697	CHR15:3347697	SSF x Near_LoA	-7,225	-0,088	0,297
CHR15	3350706	CHR15:3350706	SSF x Near_LoA	-9,200	-0,031	0,297
CHR15	335456	CHR15:335456	SSF x Near_LoA	-10,327	-0,043	0,264
CHR15	3355563	CHR15:3355563	SSF x Near_LoA	-6,034	0,123	0,284
CHR15	3355604	CHR15:3355604	SSF x Near_LoA	-8,589	0,111	0,281
CHR15	3355643	CHR15:3355643	SSF x Near_LoA	-5,877	0,153	0,277
CHR15	3360998	CHR15:3360998	SSF x Near_LoA	-5,724	-0,078	0,282
CHR15	3361084	CHR15:3361084	SSF x Near_LoA	-7,731	0,088	0,269
CHR15	3363194	CHR15:3363194	SSF x Near_LoA	-9,241	0,093	0,286
CHR15	3368121	CHR15:3368121	SSF x Near_LoA	-6,106	-0,131	0,276
CHR15	3368163	CHR15:3368163	SSF x Near_LoA	-7,401	-0,022	0,296
CHR15	3374869	CHR15:3374869	SSF x Near_LoA	-4,921	-0,108	0,283
CHR15	3374904	CHR15:3374904	SSF x Near_LoA	-5,739	-0,127	0,308
CHR15	3374919	CHR15:3374919	SSF x Near_LoA	-8,832	-0,049	0,279
CHR15	3376891	CHR15:3376891	SSF x Near_LoA	-10,422	0,112	0,280
CHR15	3386930	CHR15:3386930	SSF x Near_LoA	-8,247	0,000	0,288
CHR15	3438464	CHR15:3438464	SSF x Near_LoA	-5,849	0,100	0,278
CHR15	3438615	CHR15:3438615	SSF x Near_LoA	-6,286	0,006	0,286
CHR15	3442306	CHR15:3442306	SSF x Near_LoA	-8,872	0,014	0,288
CHR15	3442339	CHR15:3442339	SSF x Near_LoA	0,986	-0,258	0,260
CHR15	3442414	CHR15:3442414	SSF x Near_LoA	-2,866	-0,142	0,294
CHR15	3450782	CHR15:3450782	SSF x Near_LoA	-7,830	-0,065	0,279
CHR15	3450785	CHR15:3450785	SSF x Near_LoA	-7,584	-0,053	0,287
CHR15	3450801	CHR15:3450801	SSF x Near_LoA	-6,243	-0,034	0,292

CHR15	3450805	CHR15:3450805	SSF x Near_LoA	-7,586	-0,066	0,297
CHR15	3450839	CHR15:3450839	SSF x Near_LoA	-7,129	-0,052	0,279
CHR15	3450969	CHR15:3450969	SSF x Near_LoA	-7,393	0,136	0,288
CHR15	3455093	CHR15:3455093	SSF x Near_LoA	10,179	0,250	0,281
CHR15	3457788	CHR15:3457788	SSF x Near_LoA	-2,047	0,251	0,269
CHR15	3475836	CHR15:3475836	SSF x Near_LoA	-9,809	-0,022	0,283
CHR15	3490754	CHR15:3490754	SSF x Near_LoA	-8,973	-0,005	0,289
CHR15	3490850	CHR15:3490850	SSF x Near_LoA	-7,390	-0,037	0,289
CHR15	3490881	CHR15:3490881	SSF x Near_LoA	-4,477	0,122	0,292
CHR15	3490882	CHR15:3490882	SSF x Near_LoA	-6,286	0,129	0,274
CHR15	3490883	CHR15:3490883	SSF x Near_LoA	-5,923	0,119	0,292
CHR15	3490927	CHR15:3490927	SSF x Near_LoA	-8,042	0,046	0,285
CHR15	3490964	CHR15:3490964	SSF x Near_LoA	-7,269	0,109	0,299
CHR15	3539583	CHR15:3539583	SSF x Near_LoA	-7,320	0,094	0,281
CHR15	3539755	CHR15:3539755	SSF x Near_LoA	-7,303	-0,031	0,298
CHR15	3539849	CHR15:3539849	SSF x Near_LoA	-3,799	0,159	0,288
CHR15	3539868	CHR15:3539868	SSF x Near_LoA	-9,114	-0,028	0,298
CHR15	3554270	CHR15:3554270	SSF x Near_LoA	-10,338	-0,054	0,287
CHR15	3554362	CHR15:3554362	SSF x Near_LoA	-7,313	-0,013	0,302
CHR15	3561025	CHR15:3561025	SSF x Near_LoA	-8,835	0,089	0,291
CHR15	3572529	CHR15:3572529	SSF x Near_LoA	-7,522	-0,018	0,302
CHR15	3572558	CHR15:3572558	SSF x Near_LoA	-10,113	-0,049	0,287
CHR15	3572586	CHR15:3572586	SSF x Near_LoA	-4,804	0,192	0,285
CHR15	3572588	CHR15:3572588	SSF x Near_LoA	-10,418	-0,014	0,284
CHR15	3572593	CHR15:3572593	SSF x Near_LoA	-8,165	0,090	0,288
CHR15	3572594	CHR15:3572594	SSF x Near_LoA	-6,118	0,156	0,290
CHR15	3572605	CHR15:3572605	SSF x Near_LoA	-6,839	0,108	0,284
CHR15	3572612	CHR15:3572612	SSF x Near_LoA	-2,346	0,174	0,286
CHR15	3572627	CHR15:3572627	SSF x Near_LoA	-6,753	0,200	0,281
CHR15	3572695	CHR15:3572695	SSF x Near_LoA	-6,132	-0,071	0,285
CHR15	3572711	CHR15:3572711	SSF x Near_LoA	-3,777	-0,005	0,290
CHR15	3572725	CHR15:3572725	SSF x Near_LoA	-5,326	-0,035	0,309
CHR15	3572727	CHR15:3572727	SSF x Near_LoA	-8,113	-0,006	0,295
CHR15	3572782	CHR15:3572782	SSF x Near_LoA	-7,282	-0,087	0,291
CHR15	3572792	CHR15:3572792	SSF x Near_LoA	-6,926	-0,014	0,314
CHR15	3574115	CHR15:3574115	SSF x Near_LoA	-6,956	-0,043	0,294
CHR15	3574117	CHR15:3574117	SSF x Near_LoA	-6,730	-0,034	0,302
CHR15	3583389	CHR15:3583389	SSF x Near_LoA	-9,332	-0,108	0,283
CHR15	3583481	CHR15:3583481	SSF x Near_LoA	-9,633	0,068	0,300
CHR15	3583640	CHR15:3583640	SSF x Near_LoA	-7,425	0,143	0,271
CHR15	3583643	CHR15:3583643	SSF x Near_LoA	-6,967	-0,138	0,269
CHR15	358709	CHR15:358709	SSF x Near_LoA	-9,655	0,108	0,271
CHR15	358749	CHR15:358749	SSF x Near_LoA	-8,617	0,072	0,277
CHR15	358821	CHR15:358821	SSF x Near_LoA	-7,091	0,060	0,279
CHR15	358859	CHR15:358859	SSF x Near_LoA	-7,107	0,035	0,286
CHR15	3613635	CHR15:3613635	SSF x Near_LoA	-1,288	-0,285	0,271
CHR15	3613699	CHR15:3613699	SSF x Near_LoA	-1,016	0,228	0,279
CHR15	3623439	CHR15:3623439	SSF x Near_LoA	-7,842	-0,023	0,295
CHR15	3623585	CHR15:3623585	SSF x Near_LoA	-6,092	-0,112	0,273
CHR15	3631816	CHR15:3631816	SSF x Near_LoA	-6,609	0,202	0,263
CHR15	3631837	CHR15:3631837	SSF x Near_LoA	-7,711	0,099	0,292
CHR15	3631899	CHR15:3631899	SSF x Near_LoA	-9,592	-0,024	0,281
CHR15	3633615	CHR15:3633615	SSF x Near_LoA	-7,364	-0,021	0,287

CHR15	3647727	CHR15:3647727	SSF x Near_LoA	-8,457	0,009	0,286
CHR15	3648957	CHR15:3648957	SSF x Near_LoA	-9,344	0,017	0,299
CHR15	3669597	CHR15:3669597	SSF x Near_LoA	-8,768	0,042	0,297
CHR15	3669780	CHR15:3669780	SSF x Near_LoA	-8,444	0,077	0,274
CHR15	3669782	CHR15:3669782	SSF x Near_LoA	-8,898	0,063	0,287
CHR15	3673339	CHR15:3673339	SSF x Near_LoA	-8,801	0,014	0,286
CHR15	3673351	CHR15:3673351	SSF x Near_LoA	-6,700	0,196	0,272
CHR15	3673500	CHR15:3673500	SSF x Near_LoA	-8,932	-0,039	0,288
CHR15	3673524	CHR15:3673524	SSF x Near_LoA	-9,578	0,047	0,282
CHR15	3676332	CHR15:3676332	SSF x Near_LoA	-9,893	-0,006	0,289
CHR15	3676494	CHR15:3676494	SSF x Near_LoA	-5,903	-0,024	0,290
CHR15	3678476	CHR15:3678476	SSF x Near_LoA	-8,410	0,130	0,291
CHR15	3678485	CHR15:3678485	SSF x Near_LoA	-8,540	-0,152	0,273
CHR15	3687432	CHR15:3687432	SSF x Near_LoA	-9,253	-0,128	0,275
CHR15	3688212	CHR15:3688212	SSF x Near_LoA	-9,646	0,087	0,267
CHR15	3690262	CHR15:3690262	SSF x Near_LoA	-7,773	-0,141	0,284
CHR15	3690318	CHR15:3690318	SSF x Near_LoA	-7,956	-0,071	0,278
CHR15	3690495	CHR15:3690495	SSF x Near_LoA	-10,327	0,030	0,293
CHR15	3690500	CHR15:3690500	SSF x Near_LoA	-10,214	-0,049	0,286
CHR15	3690537	CHR15:3690537	SSF x Near_LoA	-6,574	0,088	0,278
CHR15	3690558	CHR15:3690558	SSF x Near_LoA	-6,781	0,157	0,284
CHR15	3690586	CHR15:3690586	SSF x Near_LoA	-4,117	-0,115	0,286
CHR15	3690628	CHR15:3690628	SSF x Near_LoA	-7,900	0,051	0,292
CHR15	3696078	CHR15:3696078	SSF x Near_LoA	-9,921	0,024	0,276
CHR15	3698449	CHR15:3698449	SSF x Near_LoA	-8,341	-0,105	0,290
CHR15	3698538	CHR15:3698538	SSF x Near_LoA	-4,272	-0,191	0,294
CHR15	3698552	CHR15:3698552	SSF x Near_LoA	-7,772	-0,147	0,283
CHR15	3698561	CHR15:3698561	SSF x Near_LoA	-8,331	0,148	0,289
CHR15	3698623	CHR15:3698623	SSF x Near_LoA	-7,175	0,018	0,304
CHR15	3698661	CHR15:3698661	SSF x Near_LoA	-9,085	-0,069	0,277
CHR15	3698703	CHR15:3698703	SSF x Near_LoA	-7,156	-0,015	0,291
CHR15	3698716	CHR15:3698716	SSF x Near_LoA	-6,045	0,077	0,291
CHR15	3700245	CHR15:3700245	SSF x Near_LoA	-6,826	-0,077	0,297
CHR15	3700283	CHR15:3700283	SSF x Near_LoA	-7,425	-0,039	0,298
CHR15	3708829	CHR15:3708829	SSF x Near_LoA	-4,068	-0,128	0,271
CHR15	3708979	CHR15:3708979	SSF x Near_LoA	-6,742	0,160	0,270
CHR15	3709004	CHR15:3709004	SSF x Near_LoA	-6,093	0,158	0,275
CHR15	3709025	CHR15:3709025	SSF x Near_LoA	-7,927	0,138	0,278
CHR15	3709081	CHR15:3709081	SSF x Near_LoA	-3,970	0,205	0,266
CHR15	3710836	CHR15:3710836	SSF x Near_LoA	-9,151	0,057	0,289
CHR15	3710858	CHR15:3710858	SSF x Near_LoA	-10,069	-0,034	0,299
CHR15	3711945	CHR15:3711945	SSF x Near_LoA	-6,088	-0,007	0,302
CHR15	3711987	CHR15:3711987	SSF x Near_LoA	-7,403	0,103	0,272
CHR15	3711991	CHR15:3711991	SSF x Near_LoA	-7,386	0,103	0,272
CHR15	3715246	CHR15:3715246	SSF x Near_LoA	-9,650	0,050	0,293
CHR15	3715517	CHR15:3715517	SSF x Near_LoA	-9,976	-0,017	0,281
CHR15	3715533	CHR15:3715533	SSF x Near_LoA	-8,031	-0,041	0,292
CHR15	3715541	CHR15:3715541	SSF x Near_LoA	-9,508	0,065	0,279
CHR15	372684	CHR15:372684	SSF x Near_LoA	-8,227	0,026	0,296
CHR15	373156	CHR15:373156	SSF x Near_LoA	-8,647	0,066	0,288
CHR15	3732289	CHR15:3732289	SSF x Near_LoA	-8,769	-0,019	0,288
CHR15	3732409	CHR15:3732409	SSF x Near_LoA	-11,179	0,014	0,265
CHR15	3732452	CHR15:3732452	SSF x Near_LoA	-10,212	0,025	0,281

CHR15	3732620	CHR15:3732620	SSF x Near_LoA	-7,730	-0,024	0,296
CHR15	3751105	CHR15:3751105	SSF x Near_LoA	-8,417	-0,146	0,282
CHR15	3751118	CHR15:3751118	SSF x Near_LoA	-9,309	-0,025	0,292
CHR15	3751214	CHR15:3751214	SSF x Near_LoA	-10,323	0,107	0,272
CHR15	3751249	CHR15:3751249	SSF x Near_LoA	-9,671	0,117	0,281
CHR15	3757532	CHR15:3757532	SSF x Near_LoA	-8,212	-0,117	0,296
CHR15	3757557	CHR15:3757557	SSF x Near_LoA	-4,840	-0,215	0,284
CHR15	3757645	CHR15:3757645	SSF x Near_LoA	-8,060	0,004	0,284
CHR15	3764586	CHR15:3764586	SSF x Near_LoA	-5,735	-0,005	0,305
CHR15	3764698	CHR15:3764698	SSF x Near_LoA	-6,409	0,005	0,300
CHR15	3779947	CHR15:3779947	SSF x Near_LoA	-5,918	-0,093	0,296
CHR15	3782023	CHR15:3782023	SSF x Near_LoA	-5,299	0,188	0,280
CHR15	3787544	CHR15:3787544	SSF x Near_LoA	-7,770	-0,049	0,294
CHR15	3787562	CHR15:3787562	SSF x Near_LoA	-7,341	-0,091	0,295
CHR15	3787704	CHR15:3787704	SSF x Near_LoA	-4,929	0,161	0,271
CHR15	3787761	CHR15:3787761	SSF x Near_LoA	-7,291	-0,115	0,290
CHR15	3791936	CHR15:3791936	SSF x Near_LoA	-5,801	0,141	0,271
CHR15	3791953	CHR15:3791953	SSF x Near_LoA	-10,801	-0,025	0,290
CHR15	379450	CHR15:379450	SSF x Near_LoA	-10,977	-0,002	0,266
CHR15	3807418	CHR15:3807418	SSF x Near_LoA	-9,086	0,069	0,293
CHR15	3807466	CHR15:3807466	SSF x Near_LoA	-10,166	0,117	0,269
CHR15	3807504	CHR15:3807504	SSF x Near_LoA	-7,471	-0,110	0,293
CHR15	3851748	CHR15:3851748	SSF x Near_LoA	-9,372	-0,001	0,285
CHR15	3851798	CHR15:3851798	SSF x Near_LoA	-10,148	-0,002	0,294
CHR15	3851804	CHR15:3851804	SSF x Near_LoA	-4,305	0,047	0,279
CHR15	3851805	CHR15:3851805	SSF x Near_LoA	-9,320	0,049	0,296
CHR15	3851827	CHR15:3851827	SSF x Near_LoA	-7,224	0,121	0,263
CHR15	3851840	CHR15:3851840	SSF x Near_LoA	-6,931	0,126	0,273
CHR15	3851889	CHR15:3851889	SSF x Near_LoA	-7,540	0,060	0,284
CHR15	3851906	CHR15:3851906	SSF x Near_LoA	-9,120	-0,040	0,286
CHR15	3855471	CHR15:3855471	SSF x Near_LoA	-6,929	-0,024	0,278
CHR15	3855488	CHR15:3855488	SSF x Near_LoA	-7,320	-0,089	0,292
CHR15	3855501	CHR15:3855501	SSF x Near_LoA	-3,890	0,001	0,295
CHR15	3855507	CHR15:3855507	SSF x Near_LoA	-4,945	0,101	0,269
CHR15	3862116	CHR15:3862116	SSF x Near_LoA	-10,663	0,115	0,273
CHR15	3862622	CHR15:3862622	SSF x Near_LoA	-3,629	0,210	0,282
CHR15	3864912	CHR15:3864912	SSF x Near_LoA	-9,242	-0,025	0,289
CHR15	3864996	CHR15:3864996	SSF x Near_LoA	-5,890	-0,156	0,291
CHR15	3865077	CHR15:3865077	SSF x Near_LoA	-1,286	0,254	0,275
CHR15	3865123	CHR15:3865123	SSF x Near_LoA	-4,820	0,222	0,279
CHR15	3866824	CHR15:3866824	SSF x Near_LoA	7,636	0,145	0,279
CHR15	3866869	CHR15:3866869	SSF x Near_LoA	-1,409	0,181	0,272
CHR15	3866873	CHR15:3866873	SSF x Near_LoA	-4,130	0,131	0,286
CHR15	3867008	CHR15:3867008	SSF x Near_LoA	-9,384	0,023	0,278
CHR15	3867044	CHR15:3867044	SSF x Near_LoA	-6,171	-0,145	0,270
CHR15	3873866	CHR15:3873866	SSF x Near_LoA	-10,100	0,078	0,276
CHR15	3873880	CHR15:3873880	SSF x Near_LoA	-7,802	-0,079	0,277
CHR15	3873960	CHR15:3873960	SSF x Near_LoA	-4,362	-0,127	0,280
CHR15	3873964	CHR15:3873964	SSF x Near_LoA	-6,901	-0,111	0,280
CHR15	3873965	CHR15:3873965	SSF x Near_LoA	-4,109	-0,136	0,287
CHR15	3873969	CHR15:3873969	SSF x Near_LoA	-6,675	-0,093	0,278
CHR15	3879002	CHR15:3879002	SSF x Near_LoA	5,167	0,254	0,257
CHR15	3879766	CHR15:3879766	SSF x Near_LoA	-5,663	0,164	0,279

CHR15	3879842	CHR15:3879842	SSF x Near_LoA	-8,727	-0,077	0,282
CHR15	3879860	CHR15:3879860	SSF x Near_LoA	-8,523	0,134	0,278
CHR15	3879873	CHR15:3879873	SSF x Near_LoA	-6,982	-0,065	0,290
CHR15	3884115	CHR15:3884115	SSF x Near_LoA	-8,477	-0,133	0,278
CHR15	3891211	CHR15:3891211	SSF x Near_LoA	-7,252	-0,051	0,283
CHR15	3891246	CHR15:3891246	SSF x Near_LoA	-6,015	0,087	0,305
CHR15	3891297	CHR15:3891297	SSF x Near_LoA	-8,820	0,135	0,285
CHR15	3891319	CHR15:3891319	SSF x Near_LoA	-7,302	0,026	0,298
CHR15	3891469	CHR15:3891469	SSF x Near_LoA	-9,974	0,063	0,283
CHR15	3891555	CHR15:3891555	SSF x Near_LoA	-7,458	0,064	0,288
CHR15	3895568	CHR15:3895568	SSF x Near_LoA	-9,950	-0,052	0,281
CHR15	3895695	CHR15:3895695	SSF x Near_LoA	-9,361	0,132	0,284
CHR15	3895746	CHR15:3895746	SSF x Near_LoA	-9,632	-0,083	0,284
CHR15	3895787	CHR15:3895787	SSF x Near_LoA	-10,568	0,058	0,281
CHR15	3895795	CHR15:3895795	SSF x Near_LoA	-8,300	-0,017	0,282
CHR15	3895914	CHR15:3895914	SSF x Near_LoA	-10,653	-0,027	0,290
CHR15	3897629	CHR15:3897629	SSF x Near_LoA	-4,896	-0,143	0,294
CHR15	3897686	CHR15:3897686	SSF x Near_LoA	-9,005	-0,077	0,263
CHR15	3897692	CHR15:3897692	SSF x Near_LoA	-7,689	-0,081	0,273
CHR15	3897757	CHR15:3897757	SSF x Near_LoA	-9,131	0,075	0,283
CHR15	3897903	CHR15:3897903	SSF x Near_LoA	-7,638	0,088	0,292
CHR15	3902953	CHR15:3902953	SSF x Near_LoA	-10,056	0,003	0,288
CHR15	3903036	CHR15:3903036	SSF x Near_LoA	-9,573	0,082	0,284
CHR15	3903161	CHR15:3903161	SSF x Near_LoA	-7,319	0,198	0,276
CHR15	39056	CHR15:39056	SSF x Near_LoA	-8,907	-0,163	0,268
CHR15	3908749	CHR15:3908749	SSF x Near_LoA	-7,760	0,003	0,298
CHR15	3908757	CHR15:3908757	SSF x Near_LoA	-7,658	-0,018	0,292
CHR15	3908836	CHR15:3908836	SSF x Near_LoA	-6,992	-0,109	0,283
CHR15	3908953	CHR15:3908953	SSF x Near_LoA	-10,301	0,069	0,286
CHR15	3909038	CHR15:3909038	SSF x Near_LoA	-7,185	-0,086	0,283
CHR15	3909065	CHR15:3909065	SSF x Near_LoA	-7,128	0,089	0,284
CHR15	391366	CHR15:391366	SSF x Near_LoA	-6,712	0,128	0,278
CHR15	391367	CHR15:391367	SSF x Near_LoA	-9,085	-0,034	0,297
CHR15	391372	CHR15:391372	SSF x Near_LoA	-7,899	0,142	0,267
CHR15	391465	CHR15:391465	SSF x Near_LoA	-4,245	0,177	0,277
CHR15	391555	CHR15:391555	SSF x Near_LoA	-6,276	-0,094	0,282
CHR15	3964551	CHR15:3964551	SSF x Near_LoA	-9,247	0,024	0,282
CHR15	3964558	CHR15:3964558	SSF x Near_LoA	-7,459	0,085	0,300
CHR15	3973484	CHR15:3973484	SSF x Near_LoA	-4,585	0,083	0,291
CHR15	3973604	CHR15:3973604	SSF x Near_LoA	-10,550	0,058	0,274
CHR15	3973610	CHR15:3973610	SSF x Near_LoA	-9,374	-0,070	0,281
CHR15	3973734	CHR15:3973734	SSF x Near_LoA	-9,002	0,126	0,275
CHR15	398992	CHR15:398992	SSF x Near_LoA	-7,520	-0,014	0,288
CHR15	399164	CHR15:399164	SSF x Near_LoA	-9,355	0,071	0,275
CHR15	3999793	CHR15:3999793	SSF x Near_LoA	-10,943	-0,012	0,288
CHR15	4017708	CHR15:4017708	SSF x Near_LoA	-10,157	-0,031	0,278
CHR15	4036689	CHR15:4036689	SSF x Near_LoA	-4,703	-0,190	0,274
CHR15	4036699	CHR15:4036699	SSF x Near_LoA	-6,505	-0,077	0,285
CHR15	4036742	CHR15:4036742	SSF x Near_LoA	-5,840	-0,118	0,284
CHR15	4036759	CHR15:4036759	SSF x Near_LoA	-9,114	-0,041	0,294
CHR15	4036762	CHR15:4036762	SSF x Near_LoA	-8,356	-0,079	0,283
CHR15	4038946	CHR15:4038946	SSF x Near_LoA	-7,551	-0,035	0,275
CHR15	4061109	CHR15:4061109	SSF x Near_LoA	-7,140	0,182	0,276

CHR15	406769	CHR15:406769	SSF x Near_LoA	-6,194	0,159	0,281
CHR15	406838	CHR15:406838	SSF x Near_LoA	-7,617	0,062	0,281
CHR15	4068589	CHR15:4068589	SSF x Near_LoA	-9,012	-0,089	0,289
CHR15	4068899	CHR15:4068899	SSF x Near_LoA	-6,405	0,142	0,283
CHR15	4070223	CHR15:4070223	SSF x Near_LoA	-8,061	0,101	0,286
CHR15	4088118	CHR15:4088118	SSF x Near_LoA	-9,497	-0,074	0,277
CHR15	4088191	CHR15:4088191	SSF x Near_LoA	-9,705	-0,045	0,298
CHR15	4088200	CHR15:4088200	SSF x Near_LoA	-8,311	0,060	0,287
CHR15	4088220	CHR15:4088220	SSF x Near_LoA	-8,220	0,046	0,283
CHR15	4088369	CHR15:4088369	SSF x Near_LoA	-7,325	-0,005	0,287
CHR15	4095565	CHR15:4095565	SSF x Near_LoA	-2,743	-0,212	0,287
CHR15	4096828	CHR15:4096828	SSF x Near_LoA	-4,168	-0,258	0,264
CHR15	4096904	CHR15:4096904	SSF x Near_LoA	-0,368	-0,227	0,275
CHR15	4100124	CHR15:4100124	SSF x Near_LoA	-9,201	-0,132	0,288
CHR15	4100199	CHR15:4100199	SSF x Near_LoA	-10,401	-0,036	0,282
CHR15	4100202	CHR15:4100202	SSF x Near_LoA	-10,017	-0,012	0,285
CHR15	4100251	CHR15:4100251	SSF x Near_LoA	-10,044	-0,016	0,287
CHR15	4100285	CHR15:4100285	SSF x Near_LoA	-5,772	-0,153	0,284
CHR15	4104808	CHR15:4104808	SSF x Near_LoA	-6,839	-0,024	0,300
CHR15	4104848	CHR15:4104848	SSF x Near_LoA	1,754	0,108	0,290
CHR15	4104880	CHR15:4104880	SSF x Near_LoA	-9,196	0,048	0,284
CHR15	4105062	CHR15:4105062	SSF x Near_LoA	-8,089	0,137	0,262
CHR15	4120252	CHR15:4120252	SSF x Near_LoA	-2,399	0,128	0,282
CHR15	4120273	CHR15:4120273	SSF x Near_LoA	-9,823	-0,073	0,275
CHR15	4120387	CHR15:4120387	SSF x Near_LoA	-4,196	-0,194	0,264
CHR15	4124412	CHR15:4124412	SSF x Near_LoA	-9,480	-0,005	0,288
CHR15	4128420	CHR15:4128420	SSF x Near_LoA	-6,772	-0,047	0,279
CHR15	4128428	CHR15:4128428	SSF x Near_LoA	-7,596	-0,108	0,285
CHR15	4128465	CHR15:4128465	SSF x Near_LoA	-7,403	-0,018	0,295
CHR15	4129285	CHR15:4129285	SSF x Near_LoA	-8,298	0,103	0,272
CHR15	4129338	CHR15:4129338	SSF x Near_LoA	-7,808	0,054	0,282
CHR15	4130812	CHR15:4130812	SSF x Near_LoA	-6,534	-0,148	0,287
CHR15	4156149	CHR15:4156149	SSF x Near_LoA	-9,406	-0,069	0,280
CHR15	4156862	CHR15:4156862	SSF x Near_LoA	-7,793	-0,031	0,270
CHR15	4156863	CHR15:4156863	SSF x Near_LoA	-7,602	-0,032	0,286
CHR15	4156910	CHR15:4156910	SSF x Near_LoA	-6,898	-0,011	0,293
CHR15	4156912	CHR15:4156912	SSF x Near_LoA	-6,031	-0,042	0,291
CHR15	4158494	CHR15:4158494	SSF x Near_LoA	-9,582	0,116	0,272
CHR15	4158775	CHR15:4158775	SSF x Near_LoA	-8,283	-0,039	0,286
CHR15	4163306	CHR15:4163306	SSF x Near_LoA	-3,347	0,153	0,282
CHR15	4182270	CHR15:4182270	SSF x Near_LoA	-9,558	-0,080	0,278
CHR15	4196822	CHR15:4196822	SSF x Near_LoA	-6,703	-0,048	0,293
CHR15	4196834	CHR15:4196834	SSF x Near_LoA	-7,234	-0,078	0,283
CHR15	4196856	CHR15:4196856	SSF x Near_LoA	-6,372	-0,126	0,281
CHR15	4196861	CHR15:4196861	SSF x Near_LoA	-8,567	0,057	0,282
CHR15	4196888	CHR15:4196888	SSF x Near_LoA	-7,968	0,033	0,301
CHR15	4196889	CHR15:4196889	SSF x Near_LoA	-7,875	0,047	0,299
CHR15	4196896	CHR15:4196896	SSF x Near_LoA	-7,507	-0,126	0,282
CHR15	4196909	CHR15:4196909	SSF x Near_LoA	-3,807	-0,169	0,288
CHR15	4196967	CHR15:4196967	SSF x Near_LoA	-6,993	0,019	0,302
CHR15	4196998	CHR15:4196998	SSF x Near_LoA	-10,478	-0,051	0,276
CHR15	4197044	CHR15:4197044	SSF x Near_LoA	-8,069	-0,021	0,286
CHR15	422816	CHR15:422816	SSF x Near_LoA	-6,134	-0,044	0,295

CHR15	422821	CHR15:422821	SSF x Near_LoA	-2,405	0,132	0,276
CHR15	422936	CHR15:422936	SSF x Near_LoA	-8,168	0,014	0,280
CHR15	422991	CHR15:422991	SSF x Near_LoA	-7,851	-0,003	0,285
CHR15	4234844	CHR15:4234844	SSF x Near_LoA	-6,843	0,060	0,302
CHR15	4242517	CHR15:4242517	SSF x Near_LoA	-6,824	-0,101	0,293
CHR15	4243979	CHR15:4243979	SSF x Near_LoA	-6,376	-0,128	0,275
CHR15	4244619	CHR15:4244619	SSF x Near_LoA	-10,552	-0,026	0,275
CHR15	4257524	CHR15:4257524	SSF x Near_LoA	-5,982	-0,135	0,279
CHR15	4257584	CHR15:4257584	SSF x Near_LoA	-9,136	0,048	0,289
CHR15	4257602	CHR15:4257602	SSF x Near_LoA	-8,945	0,020	0,284
CHR15	4257637	CHR15:4257637	SSF x Near_LoA	-9,189	-0,090	0,292
CHR15	4257672	CHR15:4257672	SSF x Near_LoA	-6,505	-0,145	0,284
CHR15	4257674	CHR15:4257674	SSF x Near_LoA	-9,401	0,100	0,281
CHR15	4257681	CHR15:4257681	SSF x Near_LoA	-8,658	-0,168	0,272
CHR15	4263193	CHR15:4263193	SSF x Near_LoA	-10,113	-0,037	0,279
CHR15	4263216	CHR15:4263216	SSF x Near_LoA	-8,569	-0,023	0,287
CHR15	4268934	CHR15:4268934	SSF x Near_LoA	-7,183	0,063	0,298
CHR15	4269054	CHR15:4269054	SSF x Near_LoA	-6,993	0,047	0,282
CHR15	4269061	CHR15:4269061	SSF x Near_LoA	-7,897	0,032	0,279
CHR15	4269063	CHR15:4269063	SSF x Near_LoA	-6,565	0,029	0,279
CHR15	4272050	CHR15:4272050	SSF x Near_LoA	-9,070	0,018	0,286
CHR15	4272250	CHR15:4272250	SSF x Near_LoA	-8,650	-0,067	0,292
CHR15	4272252	CHR15:4272252	SSF x Near_LoA	-6,822	-0,201	0,270
CHR15	4272262	CHR15:4272262	SSF x Near_LoA	-6,892	-0,174	0,279
CHR15	4272288	CHR15:4272288	SSF x Near_LoA	-8,589	-0,111	0,290
CHR15	4279688	CHR15:4279688	SSF x Near_LoA	-8,197	-0,031	0,292
CHR15	4279853	CHR15:4279853	SSF x Near_LoA	-3,487	-0,129	0,287
CHR15	4285754	CHR15:4285754	SSF x Near_LoA	-10,159	0,020	0,291
CHR15	4287587	CHR15:4287587	SSF x Near_LoA	-9,279	0,084	0,288
CHR15	4287646	CHR15:4287646	SSF x Near_LoA	-5,031	-0,156	0,279
CHR15	4292398	CHR15:4292398	SSF x Near_LoA	-5,998	-0,071	0,284
CHR15	4292439	CHR15:4292439	SSF x Near_LoA	-8,491	-0,091	0,301
CHR15	4292536	CHR15:4292536	SSF x Near_LoA	-8,934	-0,021	0,281
CHR15	4296522	CHR15:4296522	SSF x Near_LoA	-6,012	0,060	0,277
CHR15	4310269	CHR15:4310269	SSF x Near_LoA	-6,471	-0,122	0,275
CHR15	4310342	CHR15:4310342	SSF x Near_LoA	-10,159	0,080	0,296
CHR15	4310357	CHR15:4310357	SSF x Near_LoA	-7,536	0,068	0,299
CHR15	4310359	CHR15:4310359	SSF x Near_LoA	-7,168	0,042	0,302
CHR15	432383	CHR15:432383	SSF x Near_LoA	-6,420	0,190	0,272
CHR15	432403	CHR15:432403	SSF x Near_LoA	-10,721	0,014	0,287
CHR15	4330269	CHR15:4330269	SSF x Near_LoA	-7,228	0,079	0,291
CHR15	4330306	CHR15:4330306	SSF x Near_LoA	-5,186	-0,140	0,295
CHR15	4330381	CHR15:4330381	SSF x Near_LoA	-9,924	-0,085	0,285
CHR15	4330580	CHR15:4330580	SSF x Near_LoA	-9,263	-0,039	0,301
CHR15	4330595	CHR15:4330595	SSF x Near_LoA	-7,295	0,071	0,291
CHR15	435148	CHR15:435148	SSF x Near_LoA	-2,936	0,155	0,282
CHR15	435178	CHR15:435178	SSF x Near_LoA	-2,078	0,193	0,288
CHR15	435214	CHR15:435214	SSF x Near_LoA	-10,373	0,000	0,290
CHR15	4386942	CHR15:4386942	SSF x Near_LoA	-9,961	-0,049	0,307
CHR15	4386944	CHR15:4386944	SSF x Near_LoA	-9,802	-0,089	0,290
CHR15	4386960	CHR15:4386960	SSF x Near_LoA	-6,863	-0,024	0,275
CHR15	4387008	CHR15:4387008	SSF x Near_LoA	-7,788	0,052	0,296
CHR15	4387021	CHR15:4387021	SSF x Near_LoA	-7,668	-0,031	0,275

CHR15	4387023	CHR15:4387023	SSF x Near_LoA	-7,086	-0,017	0,290
CHR15	4387026	CHR15:4387026	SSF x Near_LoA	-1,773	0,083	0,298
CHR15	4387041	CHR15:4387041	SSF x Near_LoA	-7,574	0,034	0,284
CHR15	4387104	CHR15:4387104	SSF x Near_LoA	-8,503	0,083	0,295
CHR15	4387134	CHR15:4387134	SSF x Near_LoA	-6,234	0,031	0,288
CHR15	4396462	CHR15:4396462	SSF x Near_LoA	-9,360	-0,042	0,284
CHR15	4396504	CHR15:4396504	SSF x Near_LoA	1,474	0,035	0,282
CHR15	4401249	CHR15:4401249	SSF x Near_LoA	-10,362	-0,025	0,291
CHR15	4401274	CHR15:4401274	SSF x Near_LoA	-6,809	-0,082	0,309
CHR15	4401325	CHR15:4401325	SSF x Near_LoA	-6,964	-0,115	0,287
CHR15	4401340	CHR15:4401340	SSF x Near_LoA	-6,388	-0,154	0,290
CHR15	4424829	CHR15:4424829	SSF x Near_LoA	-5,425	0,153	0,281
CHR15	4424850	CHR15:4424850	SSF x Near_LoA	-2,065	0,161	0,289
CHR15	4425081	CHR15:4425081	SSF x Near_LoA	-7,801	0,127	0,271
CHR15	4465106	CHR15:4465106	SSF x Near_LoA	-6,719	0,097	0,291
CHR15	4474744	CHR15:4474744	SSF x Near_LoA	-8,591	-0,097	0,281
CHR15	4476311	CHR15:4476311	SSF x Near_LoA	-6,955	0,127	0,297
CHR15	4476355	CHR15:4476355	SSF x Near_LoA	-8,129	-0,029	0,296
CHR15	4476363	CHR15:4476363	SSF x Near_LoA	-9,287	0,018	0,296
CHR15	4476372	CHR15:4476372	SSF x Near_LoA	-6,604	-0,063	0,302
CHR15	4476427	CHR15:4476427	SSF x Near_LoA	-6,659	-0,083	0,283
CHR15	4476430	CHR15:4476430	SSF x Near_LoA	-7,708	-0,002	0,277
CHR15	4477536	CHR15:4477536	SSF x Near_LoA	-9,886	0,092	0,279
CHR15	4477543	CHR15:4477543	SSF x Near_LoA	-9,473	0,013	0,281
CHR15	4477587	CHR15:4477587	SSF x Near_LoA	-9,799	0,036	0,288
CHR15	4477632	CHR15:4477632	SSF x Near_LoA	-9,820	0,046	0,278
CHR15	4477700	CHR15:4477700	SSF x Near_LoA	-8,983	0,070	0,285
CHR15	4497082	CHR15:4497082	SSF x Near_LoA	-8,989	0,129	0,263
CHR15	4497387	CHR15:4497387	SSF x Near_LoA	-7,920	0,072	0,293
CHR15	4497408	CHR15:4497408	SSF x Near_LoA	-6,947	-0,051	0,280
CHR15	4507539	CHR15:4507539	SSF x Near_LoA	-7,197	0,106	0,280
CHR15	4507542	CHR15:4507542	SSF x Near_LoA	-8,236	0,005	0,284
CHR15	4524080	CHR15:4524080	SSF x Near_LoA	-3,608	0,224	0,265
CHR15	4524169	CHR15:4524169	SSF x Near_LoA	-7,970	0,154	0,280
CHR15	4524242	CHR15:4524242	SSF x Near_LoA	-7,638	0,035	0,288
CHR15	4524250	CHR15:4524250	SSF x Near_LoA	-6,411	0,049	0,290
CHR15	4524270	CHR15:4524270	SSF x Near_LoA	-8,452	-0,048	0,293
CHR15	4524296	CHR15:4524296	SSF x Near_LoA	-8,021	-0,020	0,280
CHR15	4524344	CHR15:4524344	SSF x Near_LoA	-5,621	0,147	0,278
CHR15	4524377	CHR15:4524377	SSF x Near_LoA	-7,518	0,047	0,281
CHR15	4569943	CHR15:4569943	SSF x Near_LoA	-6,658	0,172	0,288
CHR15	4570056	CHR15:4570056	SSF x Near_LoA	-5,045	-0,210	0,274
CHR15	4573512	CHR15:4573512	SSF x Near_LoA	-7,832	0,094	0,294
CHR15	4573675	CHR15:4573675	SSF x Near_LoA	-9,595	0,026	0,287
CHR15	4573678	CHR15:4573678	SSF x Near_LoA	-9,557	0,017	0,288
CHR15	4573687	CHR15:4573687	SSF x Near_LoA	-8,364	0,011	0,294
CHR15	4581309	CHR15:4581309	SSF x Near_LoA	-6,010	0,166	0,284
CHR15	4581369	CHR15:4581369	SSF x Near_LoA	-5,994	0,085	0,275
CHR15	4581437	CHR15:4581437	SSF x Near_LoA	-9,997	0,018	0,283
CHR15	4581539	CHR15:4581539	SSF x Near_LoA	-6,683	0,177	0,296
CHR15	4589835	CHR15:4589835	SSF x Near_LoA	-5,007	0,151	0,290
CHR15	4589858	CHR15:4589858	SSF x Near_LoA	-8,102	0,021	0,296
CHR15	4589888	CHR15:4589888	SSF x Near_LoA	-3,746	0,207	0,270

CHR15	4589934	CHR15:4589934	SSF x Near_LoA	-7,432	-0,125	0,294
CHR15	4589974	CHR15:4589974	SSF x Near_LoA	-5,969	0,205	0,278
CHR15	4591486	CHR15:4591486	SSF x Near_LoA	-6,494	-0,084	0,288
CHR15	4591535	CHR15:4591535	SSF x Near_LoA	-6,749	0,190	0,280
CHR15	4591538	CHR15:4591538	SSF x Near_LoA	-5,506	0,136	0,274
CHR15	4591646	CHR15:4591646	SSF x Near_LoA	-8,646	-0,035	0,303
CHR15	4593603	CHR15:4593603	SSF x Near_LoA	-9,028	-0,036	0,295
CHR15	4593648	CHR15:4593648	SSF x Near_LoA	-10,413	-0,072	0,298
CHR15	4593825	CHR15:4593825	SSF x Near_LoA	-6,799	0,018	0,295
CHR15	4593826	CHR15:4593826	SSF x Near_LoA	-6,683	-0,099	0,282
CHR15	4595189	CHR15:4595189	SSF x Near_LoA	-7,084	0,101	0,273
CHR15	4595190	CHR15:4595190	SSF x Near_LoA	-6,763	0,073	0,293
CHR15	4595226	CHR15:4595226	SSF x Near_LoA	-3,111	-0,185	0,289
CHR15	4595228	CHR15:4595228	SSF x Near_LoA	-7,265	-0,008	0,294
CHR15	4595341	CHR15:4595341	SSF x Near_LoA	-11,489	0,010	0,269
CHR15	4595365	CHR15:4595365	SSF x Near_LoA	-6,095	0,153	0,276
CHR15	4595368	CHR15:4595368	SSF x Near_LoA	-10,169	-0,011	0,279
CHR15	4595459	CHR15:4595459	SSF x Near_LoA	-9,614	-0,034	0,283
CHR15	4595494	CHR15:4595494	SSF x Near_LoA	-6,537	0,016	0,291
CHR15	4598839	CHR15:4598839	SSF x Near_LoA	-8,301	0,058	0,298
CHR15	4598849	CHR15:4598849	SSF x Near_LoA	-9,327	0,087	0,294
CHR15	4598923	CHR15:4598923	SSF x Near_LoA	-7,602	-0,001	0,283
CHR15	4607789	CHR15:4607789	SSF x Near_LoA	-8,456	0,086	0,294
CHR15	4619995	CHR15:4619995	SSF x Near_LoA	-9,149	0,118	0,266
CHR15	4620286	CHR15:4620286	SSF x Near_LoA	-8,723	0,030	0,279
CHR15	4624790	CHR15:4624790	SSF x Near_LoA	-5,253	0,092	0,276
CHR15	4624831	CHR15:4624831	SSF x Near_LoA	-9,388	-0,067	0,295
CHR15	4624891	CHR15:4624891	SSF x Near_LoA	-8,453	-0,110	0,284
CHR15	4624897	CHR15:4624897	SSF x Near_LoA	-7,609	0,005	0,297
CHR15	4631965	CHR15:4631965	SSF x Near_LoA	-5,802	0,079	0,284
CHR15	4632045	CHR15:4632045	SSF x Near_LoA	-7,020	-0,068	0,282
CHR15	4642220	CHR15:4642220	SSF x Near_LoA	-10,532	-0,037	0,299
CHR15	4642222	CHR15:4642222	SSF x Near_LoA	-9,220	-0,100	0,280
CHR15	4643528	CHR15:4643528	SSF x Near_LoA	-9,095	-0,108	0,274
CHR15	4643587	CHR15:4643587	SSF x Near_LoA	-7,521	-0,067	0,287
CHR15	4643625	CHR15:4643625	SSF x Near_LoA	-7,326	0,027	0,299
CHR15	4643654	CHR15:4643654	SSF x Near_LoA	-5,899	0,056	0,287
CHR15	4643687	CHR15:4643687	SSF x Near_LoA	-10,749	0,018	0,266
CHR15	4643729	CHR15:4643729	SSF x Near_LoA	1,227	-0,048	0,279
CHR15	4646305	CHR15:4646305	SSF x Near_LoA	-5,728	-0,140	0,272
CHR15	4646353	CHR15:4646353	SSF x Near_LoA	-9,277	-0,062	0,300
CHR15	4646377	CHR15:4646377	SSF x Near_LoA	-1,158	-0,299	0,258
CHR15	4646385	CHR15:4646385	SSF x Near_LoA	-10,263	0,038	0,285
CHR15	4646386	CHR15:4646386	SSF x Near_LoA	-5,922	-0,090	0,292
CHR15	4646391	CHR15:4646391	SSF x Near_LoA	-2,517	-0,081	0,285
CHR15	4646401	CHR15:4646401	SSF x Near_LoA	-2,912	-0,268	0,266
CHR15	4646441	CHR15:4646441	SSF x Near_LoA	-3,888	-0,280	0,259
CHR15	4646475	CHR15:4646475	SSF x Near_LoA	-3,274	-0,207	0,277
CHR15	4646583	CHR15:4646583	SSF x Near_LoA	-1,412	-0,113	0,293
CHR15	4646595	CHR15:4646595	SSF x Near_LoA	-5,773	0,027	0,299
CHR15	4665966	CHR15:4665966	SSF x Near_LoA	2,709	-0,109	0,296
CHR15	4666066	CHR15:4666066	SSF x Near_LoA	-9,041	0,083	0,289
CHR15	4666074	CHR15:4666074	SSF x Near_LoA	-6,678	-0,067	0,282

CHR15	4668770	CHR15:4668770	SSF x Near_LoA	-9,550	0,091	0,278
CHR15	4668774	CHR15:4668774	SSF x Near_LoA	-7,762	0,110	0,277
CHR15	4668775	CHR15:4668775	SSF x Near_LoA	-7,705	0,075	0,284
CHR15	4668790	CHR15:4668790	SSF x Near_LoA	-8,322	-0,038	0,277
CHR15	4668794	CHR15:4668794	SSF x Near_LoA	-6,945	-0,133	0,286
CHR15	4670303	CHR15:4670303	SSF x Near_LoA	-9,177	0,100	0,263
CHR15	4670330	CHR15:4670330	SSF x Near_LoA	-5,350	-0,090	0,286
CHR15	4690071	CHR15:4690071	SSF x Near_LoA	-2,718	0,104	0,282
CHR15	4690080	CHR15:4690080	SSF x Near_LoA	-9,133	-0,139	0,283
CHR15	4690113	CHR15:4690113	SSF x Near_LoA	-3,999	0,066	0,292
CHR15	4697494	CHR15:4697494	SSF x Near_LoA	-7,479	0,120	0,266
CHR15	4697638	CHR15:4697638	SSF x Near_LoA	-7,944	-0,076	0,280
CHR15	4697694	CHR15:4697694	SSF x Near_LoA	-7,585	0,041	0,280
CHR15	4701590	CHR15:4701590	SSF x Near_LoA	-4,485	-0,214	0,273
CHR15	4702582	CHR15:4702582	SSF x Near_LoA	-9,681	0,025	0,294
CHR15	4702597	CHR15:4702597	SSF x Near_LoA	-8,874	0,007	0,294
CHR15	4702619	CHR15:4702619	SSF x Near_LoA	-8,565	0,033	0,288
CHR15	4708165	CHR15:4708165	SSF x Near_LoA	-9,944	-0,068	0,286
CHR15	4708187	CHR15:4708187	SSF x Near_LoA	-5,344	-0,161	0,277
CHR15	4711601	CHR15:4711601	SSF x Near_LoA	-6,233	0,013	0,298
CHR15	4711767	CHR15:4711767	SSF x Near_LoA	-8,061	0,046	0,293
CHR15	4721574	CHR15:4721574	SSF x Near_LoA	-2,893	0,227	0,271
CHR15	4721656	CHR15:4721656	SSF x Near_LoA	-9,991	-0,037	0,281
CHR15	4727821	CHR15:4727821	SSF x Near_LoA	-7,203	0,066	0,294
CHR15	4730606	CHR15:4730606	SSF x Near_LoA	-6,927	-0,061	0,286
CHR15	477611	CHR15:477611	SSF x Near_LoA	-7,076	0,009	0,279
CHR15	477633	CHR15:477633	SSF x Near_LoA	-7,022	-0,134	0,285
CHR15	482056	CHR15:482056	SSF x Near_LoA	-1,695	-0,079	0,278
CHR15	482062	CHR15:482062	SSF x Near_LoA	-6,773	-0,081	0,283
CHR15	491808	CHR15:491808	SSF x Near_LoA	-9,023	0,095	0,282
CHR15	491844	CHR15:491844	SSF x Near_LoA	-7,035	0,110	0,280
CHR15	491962	CHR15:491962	SSF x Near_LoA	-7,967	0,091	0,291
CHR15	4928273	CHR15:4928273	SSF x Near_LoA	-3,739	-0,192	0,277
CHR15	4928458	CHR15:4928458	SSF x Near_LoA	-1,796	-0,203	0,268
CHR15	4928466	CHR15:4928466	SSF x Near_LoA	-5,989	-0,172	0,257
CHR15	4928477	CHR15:4928477	SSF x Near_LoA	-4,765	-0,185	0,268
CHR15	4969970	CHR15:4969970	SSF x Near_LoA	-7,437	0,089	0,302
CHR15	5007422	CHR15:5007422	SSF x Near_LoA	-7,838	0,051	0,270
CHR15	5007476	CHR15:5007476	SSF x Near_LoA	-6,156	-0,123	0,292
CHR15	5010588	CHR15:5010588	SSF x Near_LoA	-8,764	0,002	0,290
CHR15	5010594	CHR15:5010594	SSF x Near_LoA	-7,747	-0,006	0,298
CHR15	5010629	CHR15:5010629	SSF x Near_LoA	-4,525	0,163	0,272
CHR15	5010632	CHR15:5010632	SSF x Near_LoA	-4,582	0,151	0,269
CHR15	5010646	CHR15:5010646	SSF x Near_LoA	-4,794	0,226	0,283
CHR15	5010691	CHR15:5010691	SSF x Near_LoA	-3,025	-0,122	0,296
CHR15	501451	CHR15:501451	SSF x Near_LoA	-2,185	0,236	0,268
CHR15	501481	CHR15:501481	SSF x Near_LoA	-8,695	0,013	0,287
CHR15	501757	CHR15:501757	SSF x Near_LoA	-5,032	-0,200	0,269
CHR15	5035885	CHR15:5035885	SSF x Near_LoA	-6,819	-0,106	0,287
CHR15	5035973	CHR15:5035973	SSF x Near_LoA	-7,756	-0,002	0,285
CHR15	5091169	CHR15:5091169	SSF x Near_LoA	-7,024	-0,102	0,269
CHR15	5098700	CHR15:5098700	SSF x Near_LoA	-9,538	0,048	0,276
CHR15	5127260	CHR15:5127260	SSF x Near_LoA	-7,956	-0,138	0,283

CHR15	5127316	CHR15:5127316	SSF x Near_LoA	-8,546	-0,011	0,301
CHR15	5133766	CHR15:5133766	SSF x Near_LoA	-1,459	-0,194	0,278
CHR15	5148441	CHR15:5148441	SSF x Near_LoA	-6,979	0,072	0,290
CHR15	5148565	CHR15:5148565	SSF x Near_LoA	-6,459	0,008	0,294
CHR15	5148608	CHR15:5148608	SSF x Near_LoA	-7,783	-0,079	0,296
CHR15	5149397	CHR15:5149397	SSF x Near_LoA	-8,047	-0,140	0,269
CHR15	5149446	CHR15:5149446	SSF x Near_LoA	-6,523	-0,094	0,271
CHR15	5149448	CHR15:5149448	SSF x Near_LoA	-6,814	-0,100	0,273
CHR15	5183073	CHR15:5183073	SSF x Near_LoA	-8,892	-0,018	0,284
CHR15	5183084	CHR15:5183084	SSF x Near_LoA	-8,259	-0,065	0,272
CHR15	5183094	CHR15:5183094	SSF x Near_LoA	-8,684	-0,070	0,282
CHR15	5183245	CHR15:5183245	SSF x Near_LoA	-8,618	0,014	0,282
CHR15	5188497	CHR15:5188497	SSF x Near_LoA	-3,869	0,232	0,271
CHR15	5188514	CHR15:5188514	SSF x Near_LoA	-10,562	0,032	0,279
CHR15	5188571	CHR15:5188571	SSF x Near_LoA	-7,726	0,073	0,282
CHR15	5193665	CHR15:5193665	SSF x Near_LoA	-8,183	0,052	0,295
CHR15	5213112	CHR15:5213112	SSF x Near_LoA	-10,097	0,040	0,284
CHR15	5227763	CHR15:5227763	SSF x Near_LoA	-9,348	0,124	0,295
CHR15	5233304	CHR15:5233304	SSF x Near_LoA	-3,897	0,217	0,263
CHR15	5233351	CHR15:5233351	SSF x Near_LoA	-6,979	-0,087	0,284
CHR15	5233363	CHR15:5233363	SSF x Near_LoA	0,451	-0,069	0,291
CHR15	5233371	CHR15:5233371	SSF x Near_LoA	-8,507	-0,032	0,277
CHR15	5233478	CHR15:5233478	SSF x Near_LoA	-7,561	0,133	0,276
CHR15	5233481	CHR15:5233481	SSF x Near_LoA	-6,719	0,032	0,295
CHR15	5239840	CHR15:5239840	SSF x Near_LoA	-9,673	-0,100	0,270
CHR15	5240810	CHR15:5240810	SSF x Near_LoA	-1,897	0,019	0,295
CHR15	5240815	CHR15:5240815	SSF x Near_LoA	-5,920	-0,014	0,296
CHR15	5254637	CHR15:5254637	SSF x Near_LoA	-7,221	0,149	0,287
CHR15	5254685	CHR15:5254685	SSF x Near_LoA	-9,679	0,062	0,291
CHR15	5255569	CHR15:5255569	SSF x Near_LoA	-7,652	-0,198	0,270
CHR15	5255591	CHR15:5255591	SSF x Near_LoA	-6,872	-0,091	0,275
CHR15	5255593	CHR15:5255593	SSF x Near_LoA	-5,131	-0,188	0,279
CHR15	5274752	CHR15:5274752	SSF x Near_LoA	-7,729	0,074	0,291
CHR15	5274883	CHR15:5274883	SSF x Near_LoA	-6,414	-0,020	0,293
CHR15	5274904	CHR15:5274904	SSF x Near_LoA	-7,000	0,193	0,284
CHR15	5286002	CHR15:5286002	SSF x Near_LoA	-0,598	0,158	0,291
CHR15	5287990	CHR15:5287990	SSF x Near_LoA	-9,787	0,003	0,285
CHR15	5288012	CHR15:5288012	SSF x Near_LoA	-3,704	0,210	0,262
CHR15	5288024	CHR15:5288024	SSF x Near_LoA	-3,976	0,215	0,274
CHR15	5288117	CHR15:5288117	SSF x Near_LoA	-4,115	-0,198	0,278
CHR15	5288191	CHR15:5288191	SSF x Near_LoA	2,095	0,168	0,282
CHR15	5288200	CHR15:5288200	SSF x Near_LoA	-4,878	-0,143	0,284
CHR15	5292203	CHR15:5292203	SSF x Near_LoA	-7,820	-0,076	0,297
CHR15	5292278	CHR15:5292278	SSF x Near_LoA	-10,655	0,049	0,276
CHR15	5292366	CHR15:5292366	SSF x Near_LoA	-9,559	-0,054	0,285
CHR15	5296213	CHR15:5296213	SSF x Near_LoA	-9,269	-0,100	0,290
CHR15	5296217	CHR15:5296217	SSF x Near_LoA	-10,103	-0,019	0,293
CHR15	5296255	CHR15:5296255	SSF x Near_LoA	-9,645	-0,104	0,269
CHR15	5304065	CHR15:5304065	SSF x Near_LoA	-8,919	-0,017	0,275
CHR15	5304304	CHR15:5304304	SSF x Near_LoA	-8,273	0,058	0,287
CHR15	5304323	CHR15:5304323	SSF x Near_LoA	-3,949	0,108	0,295
CHR15	5304329	CHR15:5304329	SSF x Near_LoA	-7,303	0,082	0,287
CHR15	5304359	CHR15:5304359	SSF x Near_LoA	-8,622	-0,052	0,305

CHR15	5311903	CHR15:5311903	SSF x Near_LoA	-7,687	-0,108	0,282
CHR15	5311933	CHR15:5311933	SSF x Near_LoA	-11,292	0,025	0,280
CHR15	5312062	CHR15:5312062	SSF x Near_LoA	-9,035	-0,123	0,282
CHR15	5315363	CHR15:5315363	SSF x Near_LoA	-8,214	0,046	0,286
CHR15	5315400	CHR15:5315400	SSF x Near_LoA	-8,289	0,167	0,283
CHR15	5315427	CHR15:5315427	SSF x Near_LoA	-10,288	-0,021	0,284
CHR15	5315435	CHR15:5315435	SSF x Near_LoA	-10,382	-0,083	0,279
CHR15	5315471	CHR15:5315471	SSF x Near_LoA	-9,025	-0,065	0,288
CHR15	5315496	CHR15:5315496	SSF x Near_LoA	-7,832	-0,019	0,307
CHR15	5315520	CHR15:5315520	SSF x Near_LoA	-7,575	0,001	0,288
CHR15	5315523	CHR15:5315523	SSF x Near_LoA	-8,724	-0,021	0,275
CHR15	5315575	CHR15:5315575	SSF x Near_LoA	-7,998	0,021	0,306
CHR15	5316454	CHR15:5316454	SSF x Near_LoA	-8,931	-0,093	0,283
CHR15	5323925	CHR15:5323925	SSF x Near_LoA	-7,936	0,005	0,287
CHR15	5324007	CHR15:5324007	SSF x Near_LoA	-5,529	-0,146	0,292
CHR15	5324099	CHR15:5324099	SSF x Near_LoA	-6,342	0,090	0,302
CHR15	5334096	CHR15:5334096	SSF x Near_LoA	-8,449	0,161	0,270
CHR15	5340559	CHR15:5340559	SSF x Near_LoA	-0,621	-0,186	0,267
CHR15	5340654	CHR15:5340654	SSF x Near_LoA	-5,615	-0,111	0,286
CHR15	5340720	CHR15:5340720	SSF x Near_LoA	-8,967	0,073	0,300
CHR15	5340729	CHR15:5340729	SSF x Near_LoA	-9,213	0,003	0,283
CHR15	5340745	CHR15:5340745	SSF x Near_LoA	-9,986	-0,093	0,288
CHR15	5343909	CHR15:5343909	SSF x Near_LoA	-9,875	0,042	0,286
CHR15	5343918	CHR15:5343918	SSF x Near_LoA	-9,983	-0,082	0,280
CHR15	5344040	CHR15:5344040	SSF x Near_LoA	-8,233	-0,076	0,298
CHR15	5344044	CHR15:5344044	SSF x Near_LoA	-9,747	-0,053	0,279
CHR15	5346504	CHR15:5346504	SSF x Near_LoA	0,533	0,206	0,275
CHR15	5346643	CHR15:5346643	SSF x Near_LoA	-9,430	-0,066	0,279
CHR15	5346682	CHR15:5346682	SSF x Near_LoA	-6,507	0,100	0,276
CHR15	5346686	CHR15:5346686	SSF x Near_LoA	-6,833	0,043	0,289
CHR15	5346776	CHR15:5346776	SSF x Near_LoA	-8,502	0,050	0,271
CHR15	5350959	CHR15:5350959	SSF x Near_LoA	-8,339	0,043	0,277
CHR15	5351071	CHR15:5351071	SSF x Near_LoA	-7,473	-0,113	0,287
CHR15	5351089	CHR15:5351089	SSF x Near_LoA	-7,486	0,021	0,268
CHR15	5351113	CHR15:5351113	SSF x Near_LoA	-7,574	0,093	0,263
CHR15	5351152	CHR15:5351152	SSF x Near_LoA	-3,365	-0,108	0,284
CHR15	5351155	CHR15:5351155	SSF x Near_LoA	-7,394	-0,109	0,275
CHR15	5351164	CHR15:5351164	SSF x Near_LoA	-6,672	-0,071	0,287
CHR15	5357214	CHR15:5357214	SSF x Near_LoA	1,238	-0,205	0,279
CHR15	5357259	CHR15:5357259	SSF x Near_LoA	-8,453	-0,015	0,291
CHR15	5358370	CHR15:5358370	SSF x Near_LoA	-7,741	-0,090	0,293
CHR15	5358384	CHR15:5358384	SSF x Near_LoA	-6,694	-0,057	0,293
CHR15	5359532	CHR15:5359532	SSF x Near_LoA	-7,399	-0,116	0,274
CHR15	5359551	CHR15:5359551	SSF x Near_LoA	-6,197	0,068	0,284
CHR15	5359570	CHR15:5359570	SSF x Near_LoA	-7,654	0,018	0,276
CHR15	5359574	CHR15:5359574	SSF x Near_LoA	-9,034	0,020	0,292
CHR15	5359579	CHR15:5359579	SSF x Near_LoA	-5,641	-0,024	0,285
CHR15	5359611	CHR15:5359611	SSF x Near_LoA	-8,772	0,039	0,289
CHR15	5359612	CHR15:5359612	SSF x Near_LoA	-9,747	-0,006	0,278
CHR15	5359621	CHR15:5359621	SSF x Near_LoA	-8,356	-0,099	0,287
CHR15	5359630	CHR15:5359630	SSF x Near_LoA	-8,549	-0,091	0,288
CHR15	5359636	CHR15:5359636	SSF x Near_LoA	-9,188	-0,081	0,284
CHR15	536619	CHR15:536619	SSF x Near_LoA	-8,553	-0,069	0,285

CHR15	536709	CHR15:536709	SSF x Near_LoA	-8,889	-0,124	0,278
CHR15	5371953	CHR15:5371953	SSF x Near_LoA	-9,815	0,022	0,275
CHR15	5372083	CHR15:5372083	SSF x Near_LoA	-8,014	-0,043	0,286
CHR15	5372123	CHR15:5372123	SSF x Near_LoA	-8,438	0,122	0,275
CHR15	5385916	CHR15:5385916	SSF x Near_LoA	-8,219	0,110	0,280
CHR15	5385917	CHR15:5385917	SSF x Near_LoA	-7,147	0,121	0,299
CHR15	5385935	CHR15:5385935	SSF x Near_LoA	-7,472	0,186	0,285
CHR15	5385943	CHR15:5385943	SSF x Near_LoA	-5,725	0,111	0,294
CHR15	5385973	CHR15:5385973	SSF x Near_LoA	0,309	-0,208	0,269
CHR15	5385991	CHR15:5385991	SSF x Near_LoA	-5,150	-0,193	0,278
CHR15	5385996	CHR15:5385996	SSF x Near_LoA	-7,077	-0,124	0,284
CHR15	5386019	CHR15:5386019	SSF x Near_LoA	-9,273	0,081	0,280
CHR15	5402558	CHR15:5402558	SSF x Near_LoA	-7,311	-0,143	0,270
CHR15	5402575	CHR15:5402575	SSF x Near_LoA	-2,345	0,142	0,283
CHR15	5402671	CHR15:5402671	SSF x Near_LoA	-3,878	-0,085	0,283
CHR15	5402713	CHR15:5402713	SSF x Near_LoA	-7,855	-0,092	0,283
CHR15	5402715	CHR15:5402715	SSF x Near_LoA	-1,740	-0,168	0,290
CHR15	5402720	CHR15:5402720	SSF x Near_LoA	-8,385	-0,033	0,295
CHR15	5402723	CHR15:5402723	SSF x Near_LoA	-7,580	-0,060	0,297
CHR15	5402731	CHR15:5402731	SSF x Near_LoA	-7,167	-0,056	0,287
CHR15	5402745	CHR15:5402745	SSF x Near_LoA	-7,909	-0,080	0,284
CHR15	5402764	CHR15:5402764	SSF x Near_LoA	-7,359	0,192	0,267
CHR15	5402767	CHR15:5402767	SSF x Near_LoA	-10,965	-0,012	0,270
CHR15	5402777	CHR15:5402777	SSF x Near_LoA	-6,731	0,057	0,272
CHR15	5402790	CHR15:5402790	SSF x Near_LoA	-6,258	0,030	0,280
CHR15	5402792	CHR15:5402792	SSF x Near_LoA	-7,958	-0,070	0,280
CHR15	5402798	CHR15:5402798	SSF x Near_LoA	-7,867	0,064	0,280
CHR15	5402812	CHR15:5402812	SSF x Near_LoA	-4,333	-0,112	0,294
CHR15	5404380	CHR15:5404380	SSF x Near_LoA	-6,591	0,020	0,288
CHR15	5408099	CHR15:5408099	SSF x Near_LoA	-4,593	-0,008	0,282
CHR15	5408109	CHR15:5408109	SSF x Near_LoA	-8,579	-0,028	0,284
CHR15	5408178	CHR15:5408178	SSF x Near_LoA	-10,381	-0,034	0,280
CHR15	5408224	CHR15:5408224	SSF x Near_LoA	-6,781	-0,102	0,287
CHR15	5408243	CHR15:5408243	SSF x Near_LoA	-8,030	-0,088	0,288
CHR15	5408257	CHR15:5408257	SSF x Near_LoA	-8,423	0,050	0,273
CHR15	5408267	CHR15:5408267	SSF x Near_LoA	-8,406	0,028	0,294
CHR15	5416092	CHR15:5416092	SSF x Near_LoA	-6,779	0,012	0,292
CHR15	5416290	CHR15:5416290	SSF x Near_LoA	-7,327	0,017	0,286
CHR15	5416474	CHR15:5416474	SSF x Near_LoA	-5,147	0,155	0,287
CHR15	5443199	CHR15:5443199	SSF x Near_LoA	-8,798	0,148	0,279
CHR15	5494610	CHR15:5494610	SSF x Near_LoA	-4,240	-0,051	0,294
CHR15	5494746	CHR15:5494746	SSF x Near_LoA	-9,089	-0,007	0,273
CHR15	5494771	CHR15:5494771	SSF x Near_LoA	-9,461	0,042	0,285
CHR15	5494805	CHR15:5494805	SSF x Near_LoA	-7,389	0,040	0,295
CHR15	5494832	CHR15:5494832	SSF x Near_LoA	-9,435	0,064	0,292
CHR15	5509103	CHR15:5509103	SSF x Near_LoA	-7,932	-0,068	0,284
CHR15	5509182	CHR15:5509182	SSF x Near_LoA	-8,790	-0,034	0,284
CHR15	5509205	CHR15:5509205	SSF x Near_LoA	-6,897	0,079	0,279
CHR15	5521713	CHR15:5521713	SSF x Near_LoA	-6,647	-0,124	0,284
CHR15	5521756	CHR15:5521756	SSF x Near_LoA	-10,045	-0,062	0,282
CHR15	5521808	CHR15:5521808	SSF x Near_LoA	-7,154	-0,038	0,298
CHR15	553350	CHR15:553350	SSF x Near_LoA	-10,789	-0,012	0,292
CHR15	553691	CHR15:553691	SSF x Near_LoA	-5,004	-0,150	0,278

CHR15	5537979	CHR15:5537979	SSF x Near_LoA	-5,216	0,120	0,278
CHR15	5538271	CHR15:5538271	SSF x Near_LoA	-8,959	-0,123	0,272
CHR15	5538277	CHR15:5538277	SSF x Near_LoA	-8,575	0,035	0,290
CHR15	5538292	CHR15:5538292	SSF x Near_LoA	-8,670	-0,023	0,282
CHR15	5549036	CHR15:5549036	SSF x Near_LoA	-9,265	0,070	0,292
CHR15	5549112	CHR15:5549112	SSF x Near_LoA	-6,030	0,071	0,281
CHR15	5549180	CHR15:5549180	SSF x Near_LoA	-7,057	0,002	0,285
CHR15	5549194	CHR15:5549194	SSF x Near_LoA	-6,575	-0,020	0,294
CHR15	5551206	CHR15:5551206	SSF x Near_LoA	-7,379	0,077	0,281
CHR15	5551255	CHR15:5551255	SSF x Near_LoA	-7,240	0,176	0,263
CHR15	5551258	CHR15:5551258	SSF x Near_LoA	-10,548	-0,047	0,282
CHR15	5551320	CHR15:5551320	SSF x Near_LoA	-7,499	0,045	0,288
CHR15	5551339	CHR15:5551339	SSF x Near_LoA	-7,159	0,118	0,290
CHR15	5551364	CHR15:5551364	SSF x Near_LoA	-8,989	0,021	0,271
CHR15	5551367	CHR15:5551367	SSF x Near_LoA	-3,689	0,159	0,287
CHR15	5551391	CHR15:5551391	SSF x Near_LoA	5,292	-0,097	0,272
CHR15	5551426	CHR15:5551426	SSF x Near_LoA	-8,051	0,086	0,289
CHR15	5551428	CHR15:5551428	SSF x Near_LoA	-7,425	-0,075	0,280
CHR15	5551472	CHR15:5551472	SSF x Near_LoA	-9,107	0,103	0,279
CHR15	5551478	CHR15:5551478	SSF x Near_LoA	-3,253	-0,206	0,276
CHR15	5555188	CHR15:5555188	SSF x Near_LoA	-9,585	-0,051	0,288
CHR15	5555328	CHR15:5555328	SSF x Near_LoA	-9,129	-0,137	0,290
CHR15	5555333	CHR15:5555333	SSF x Near_LoA	-6,811	0,036	0,294
CHR15	5558418	CHR15:5558418	SSF x Near_LoA	-10,926	-0,061	0,286
CHR15	5558899	CHR15:5558899	SSF x Near_LoA	-6,386	0,137	0,281
CHR15	5558953	CHR15:5558953	SSF x Near_LoA	-9,532	-0,047	0,268
CHR15	5568497	CHR15:5568497	SSF x Near_LoA	-9,790	0,056	0,292
CHR15	5573182	CHR15:5573182	SSF x Near_LoA	2,216	-0,164	0,278
CHR15	5579615	CHR15:5579615	SSF x Near_LoA	-9,246	0,152	0,275
CHR15	5589696	CHR15:5589696	SSF x Near_LoA	2,840	-0,287	0,261
CHR15	5589808	CHR15:5589808	SSF x Near_LoA	-3,129	-0,227	0,261
CHR15	5603363	CHR15:5603363	SSF x Near_LoA	-8,380	0,017	0,293
CHR15	5603371	CHR15:5603371	SSF x Near_LoA	-8,719	-0,076	0,284
CHR15	5603395	CHR15:5603395	SSF x Near_LoA	-5,819	0,126	0,273
CHR15	5603397	CHR15:5603397	SSF x Near_LoA	-0,004	0,142	0,273
CHR15	5603431	CHR15:5603431	SSF x Near_LoA	-7,924	-0,049	0,268
CHR15	5603433	CHR15:5603433	SSF x Near_LoA	-7,577	-0,079	0,280
CHR15	5603455	CHR15:5603455	SSF x Near_LoA	-8,399	-0,112	0,285
CHR15	5603459	CHR15:5603459	SSF x Near_LoA	-10,559	0,052	0,290
CHR15	5612999	CHR15:5612999	SSF x Near_LoA	-6,524	0,107	0,279
CHR15	5613039	CHR15:5613039	SSF x Near_LoA	-3,905	-0,207	0,249
CHR15	5613088	CHR15:5613088	SSF x Near_LoA	-8,439	0,048	0,295
CHR15	5613109	CHR15:5613109	SSF x Near_LoA	-9,176	0,103	0,293
CHR15	5614819	CHR15:5614819	SSF x Near_LoA	-6,966	0,031	0,288
CHR15	5614913	CHR15:5614913	SSF x Near_LoA	-10,270	-0,068	0,282
CHR15	5616608	CHR15:5616608	SSF x Near_LoA	-8,982	-0,012	0,276
CHR15	5616666	CHR15:5616666	SSF x Near_LoA	-7,292	-0,184	0,290
CHR15	5617275	CHR15:5617275	SSF x Near_LoA	-5,724	0,174	0,275
CHR15	5628764	CHR15:5628764	SSF x Near_LoA	-10,414	-0,013	0,288
CHR15	563863	CHR15:563863	SSF x Near_LoA	-8,477	0,143	0,266
CHR15	5640493	CHR15:5640493	SSF x Near_LoA	-6,641	-0,002	0,295
CHR15	5640564	CHR15:5640564	SSF x Near_LoA	-5,728	0,007	0,304
CHR15	5647695	CHR15:5647695	SSF x Near_LoA	-9,271	-0,092	0,281

CHR15	5647785	CHR15:5647785	SSF x Near_LoA	-4,133	-0,014	0,290
CHR15	5658347	CHR15:5658347	SSF x Near_LoA	-7,725	0,040	0,281
CHR15	5658374	CHR15:5658374	SSF x Near_LoA	-7,271	-0,010	0,278
CHR15	5658375	CHR15:5658375	SSF x Near_LoA	-6,786	-0,024	0,284
CHR15	5658411	CHR15:5658411	SSF x Near_LoA	-6,175	0,059	0,294
CHR15	5658431	CHR15:5658431	SSF x Near_LoA	-7,911	-0,004	0,291
CHR15	5658516	CHR15:5658516	SSF x Near_LoA	-6,014	-0,066	0,298
CHR15	5658554	CHR15:5658554	SSF x Near_LoA	-8,411	0,014	0,284
CHR15	5666856	CHR15:5666856	SSF x Near_LoA	-6,928	-0,071	0,292
CHR15	5666956	CHR15:5666956	SSF x Near_LoA	-8,001	0,152	0,266
CHR15	5667163	CHR15:5667163	SSF x Near_LoA	-7,191	-0,049	0,300
CHR15	5689905	CHR15:5689905	SSF x Near_LoA	-0,808	0,234	0,272
CHR15	5689956	CHR15:5689956	SSF x Near_LoA	-5,858	-0,163	0,281
CHR15	5690021	CHR15:5690021	SSF x Near_LoA	-7,708	0,109	0,298
CHR15	5690036	CHR15:5690036	SSF x Near_LoA	-8,491	0,002	0,286
CHR15	5690108	CHR15:5690108	SSF x Near_LoA	-5,746	-0,155	0,276
CHR15	5720611	CHR15:5720611	SSF x Near_LoA	-5,495	-0,190	0,276
CHR15	5720775	CHR15:5720775	SSF x Near_LoA	6,921	-0,187	0,265
CHR15	5720786	CHR15:5720786	SSF x Near_LoA	-5,027	-0,169	0,270
CHR15	5720835	CHR15:5720835	SSF x Near_LoA	-5,507	0,102	0,287
CHR15	5720875	CHR15:5720875	SSF x Near_LoA	-0,362	0,247	0,254
CHR15	5720877	CHR15:5720877	SSF x Near_LoA	-8,472	-0,020	0,282
CHR15	5720879	CHR15:5720879	SSF x Near_LoA	-8,684	-0,034	0,278
CHR15	5720886	CHR15:5720886	SSF x Near_LoA	-7,697	-0,085	0,295
CHR15	5720904	CHR15:5720904	SSF x Near_LoA	-1,987	0,248	0,268
CHR15	5720905	CHR15:5720905	SSF x Near_LoA	2,239	0,088	0,292
CHR15	5720951	CHR15:5720951	SSF x Near_LoA	-9,135	-0,122	0,279
CHR15	5721008	CHR15:5721008	SSF x Near_LoA	-9,056	0,073	0,283
CHR15	5721012	CHR15:5721012	SSF x Near_LoA	-9,006	0,071	0,293
CHR15	5732563	CHR15:5732563	SSF x Near_LoA	-6,827	-0,043	0,294
CHR15	5732615	CHR15:5732615	SSF x Near_LoA	-8,454	-0,181	0,263
CHR15	5732630	CHR15:5732630	SSF x Near_LoA	-8,142	-0,043	0,281
CHR15	5732751	CHR15:5732751	SSF x Near_LoA	-10,228	-0,031	0,288
CHR15	5732786	CHR15:5732786	SSF x Near_LoA	-9,251	0,016	0,287
CHR15	5732796	CHR15:5732796	SSF x Near_LoA	-9,504	0,106	0,296
CHR15	5732813	CHR15:5732813	SSF x Near_LoA	-8,193	0,055	0,292
CHR15	5742219	CHR15:5742219	SSF x Near_LoA	-9,692	-0,038	0,282
CHR15	5742335	CHR15:5742335	SSF x Near_LoA	-9,283	-0,026	0,280
CHR15	5742552	CHR15:5742552	SSF x Near_LoA	-7,228	-0,184	0,287
CHR15	5742643	CHR15:5742643	SSF x Near_LoA	-8,773	0,117	0,273
CHR15	5745980	CHR15:5745980	SSF x Near_LoA	-7,583	-0,083	0,286
CHR15	5760917	CHR15:5760917	SSF x Near_LoA	-7,415	-0,107	0,286
CHR15	5760918	CHR15:5760918	SSF x Near_LoA	-7,179	-0,094	0,285
CHR15	5761062	CHR15:5761062	SSF x Near_LoA	-8,218	-0,065	0,289
CHR15	5767579	CHR15:5767579	SSF x Near_LoA	-9,628	-0,048	0,289
CHR15	5767719	CHR15:5767719	SSF x Near_LoA	-3,335	-0,151	0,273
CHR15	577243	CHR15:577243	SSF x Near_LoA	-7,180	0,105	0,292
CHR15	577250	CHR15:577250	SSF x Near_LoA	-5,782	0,109	0,285
CHR15	5774506	CHR15:5774506	SSF x Near_LoA	-9,651	-0,037	0,282
CHR15	5778902	CHR15:5778902	SSF x Near_LoA	-7,568	-0,014	0,292
CHR15	5778953	CHR15:5778953	SSF x Near_LoA	-7,336	0,091	0,286
CHR15	5794791	CHR15:5794791	SSF x Near_LoA	-6,344	-0,069	0,278
CHR15	5794895	CHR15:5794895	SSF x Near_LoA	-7,626	-0,023	0,288

CHR15	5794971	CHR15:5794971	SSF x Near_LoA	-6,920	-0,068	0,300
CHR15	5795045	CHR15:5795045	SSF x Near_LoA	-9,056	-0,081	0,272
CHR15	5810499	CHR15:5810499	SSF x Near_LoA	-9,818	0,018	0,300
CHR15	5810509	CHR15:5810509	SSF x Near_LoA	-7,322	0,055	0,287
CHR15	5810564	CHR15:5810564	SSF x Near_LoA	-8,792	0,070	0,296
CHR15	5810567	CHR15:5810567	SSF x Near_LoA	-7,826	0,065	0,291
CHR15	5810576	CHR15:5810576	SSF x Near_LoA	-8,876	0,048	0,299
CHR15	5810636	CHR15:5810636	SSF x Near_LoA	-8,678	-0,049	0,296
CHR15	5810670	CHR15:5810670	SSF x Near_LoA	-6,345	0,120	0,281
CHR15	5810685	CHR15:5810685	SSF x Near_LoA	-8,110	0,069	0,303
CHR15	5810704	CHR15:5810704	SSF x Near_LoA	-7,388	0,130	0,283
CHR15	5810743	CHR15:5810743	SSF x Near_LoA	-6,577	0,065	0,280
CHR15	5810753	CHR15:5810753	SSF x Near_LoA	-6,483	-0,008	0,277
CHR15	5810820	CHR15:5810820	SSF x Near_LoA	-9,477	-0,089	0,291
CHR15	5810888	CHR15:5810888	SSF x Near_LoA	-7,792	0,069	0,270
CHR15	5810892	CHR15:5810892	SSF x Near_LoA	-7,973	0,166	0,293
CHR15	5810921	CHR15:5810921	SSF x Near_LoA	-0,783	0,147	0,277
CHR15	5816903	CHR15:5816903	SSF x Near_LoA	-6,336	0,195	0,270
CHR15	5817026	CHR15:5817026	SSF x Near_LoA	-9,722	-0,011	0,291
CHR15	5843561	CHR15:5843561	SSF x Near_LoA	-6,955	0,027	0,286
CHR15	5843562	CHR15:5843562	SSF x Near_LoA	-9,946	-0,068	0,291
CHR15	5843580	CHR15:5843580	SSF x Near_LoA	-8,494	-0,038	0,282
CHR15	5843616	CHR15:5843616	SSF x Near_LoA	-8,132	-0,074	0,277
CHR15	5843622	CHR15:5843622	SSF x Near_LoA	-10,574	-0,117	0,278
CHR15	5843646	CHR15:5843646	SSF x Near_LoA	-5,984	-0,105	0,279
CHR15	5852222	CHR15:5852222	SSF x Near_LoA	-9,190	-0,086	0,282
CHR15	5852258	CHR15:5852258	SSF x Near_LoA	-6,263	-0,013	0,292
CHR15	5860333	CHR15:5860333	SSF x Near_LoA	-7,110	-0,128	0,282
CHR15	5866725	CHR15:5866725	SSF x Near_LoA	-7,389	-0,121	0,295
CHR15	5913059	CHR15:5913059	SSF x Near_LoA	-6,430	0,052	0,267
CHR15	5913062	CHR15:5913062	SSF x Near_LoA	-6,797	0,036	0,280
CHR15	5913081	CHR15:5913081	SSF x Near_LoA	-7,639	-0,001	0,289
CHR15	593606	CHR15:593606	SSF x Near_LoA	-9,114	0,034	0,285
CHR15	5936257	CHR15:5936257	SSF x Near_LoA	-2,826	-0,013	0,279
CHR15	595133	CHR15:595133	SSF x Near_LoA	-9,116	0,027	0,286
CHR15	5967388	CHR15:5967388	SSF x Near_LoA	-7,083	0,132	0,280
CHR15	597956	CHR15:597956	SSF x Near_LoA	-3,852	-0,108	0,292
CHR15	5990630	CHR15:5990630	SSF x Near_LoA	-10,977	0,008	0,285
CHR15	6008848	CHR15:6008848	SSF x Near_LoA	-8,811	-0,112	0,279
CHR15	6008947	CHR15:6008947	SSF x Near_LoA	-5,593	0,157	0,274
CHR15	6017234	CHR15:6017234	SSF x Near_LoA	-8,968	0,033	0,281
CHR15	6044394	CHR15:6044394	SSF x Near_LoA	-4,835	0,092	0,289
CHR15	6044498	CHR15:6044498	SSF x Near_LoA	-9,767	-0,040	0,291
CHR15	6048600	CHR15:6048600	SSF x Near_LoA	-8,201	0,106	0,279
CHR15	6048893	CHR15:6048893	SSF x Near_LoA	-10,504	0,081	0,294
CHR15	6058016	CHR15:6058016	SSF x Near_LoA	-6,215	-0,087	0,315
CHR15	6058172	CHR15:6058172	SSF x Near_LoA	-5,824	0,070	0,284
CHR15	6058328	CHR15:6058328	SSF x Near_LoA	-10,527	-0,035	0,280
CHR15	6075067	CHR15:6075067	SSF x Near_LoA	-6,944	0,042	0,294
CHR15	6075118	CHR15:6075118	SSF x Near_LoA	-6,158	-0,044	0,306
CHR15	6075190	CHR15:6075190	SSF x Near_LoA	-6,993	-0,158	0,280
CHR15	6075339	CHR15:6075339	SSF x Near_LoA	-7,855	-0,091	0,277
CHR15	6084976	CHR15:6084976	SSF x Near_LoA	-8,514	-0,111	0,296

CHR15	608764	CHR15:608764	SSF x Near_LoA	-10,549	-0,033	0,291
CHR15	6093314	CHR15:6093314	SSF x Near_LoA	-7,712	0,051	0,287
CHR15	6093477	CHR15:6093477	SSF x Near_LoA	-7,537	-0,076	0,284
CHR15	6108612	CHR15:6108612	SSF x Near_LoA	-9,991	-0,101	0,284
CHR15	6108703	CHR15:6108703	SSF x Near_LoA	-8,249	-0,098	0,294
CHR15	6131400	CHR15:6131400	SSF x Near_LoA	-6,301	0,180	0,275
CHR15	6135113	CHR15:6135113	SSF x Near_LoA	-0,503	-0,090	0,286
CHR15	6135153	CHR15:6135153	SSF x Near_LoA	-9,575	-0,008	0,302
CHR15	6135165	CHR15:6135165	SSF x Near_LoA	-4,391	-0,260	0,267
CHR15	6135167	CHR15:6135167	SSF x Near_LoA	-9,451	0,013	0,291
CHR15	6135176	CHR15:6135176	SSF x Near_LoA	-4,866	-0,194	0,285
CHR15	6135317	CHR15:6135317	SSF x Near_LoA	-4,830	0,216	0,269
CHR15	6136773	CHR15:6136773	SSF x Near_LoA	-8,692	0,111	0,279
CHR15	6136920	CHR15:6136920	SSF x Near_LoA	-3,639	0,161	0,283
CHR15	6136923	CHR15:6136923	SSF x Near_LoA	-7,112	0,064	0,280
CHR15	6136960	CHR15:6136960	SSF x Near_LoA	-9,587	-0,051	0,279
CHR15	6136985	CHR15:6136985	SSF x Near_LoA	-6,732	0,143	0,281
CHR15	6136995	CHR15:6136995	SSF x Near_LoA	-4,722	-0,140	0,278
CHR15	6144205	CHR15:6144205	SSF x Near_LoA	-5,636	-0,166	0,275
CHR15	6144255	CHR15:6144255	SSF x Near_LoA	-9,242	-0,085	0,291
CHR15	6144278	CHR15:6144278	SSF x Near_LoA	-8,843	-0,046	0,283
CHR15	6144290	CHR15:6144290	SSF x Near_LoA	-8,464	0,012	0,282
CHR15	6144306	CHR15:6144306	SSF x Near_LoA	-8,021	-0,035	0,292
CHR15	6144339	CHR15:6144339	SSF x Near_LoA	1,605	0,017	0,287
CHR15	6144396	CHR15:6144396	SSF x Near_LoA	-8,121	0,040	0,284
CHR15	6144420	CHR15:6144420	SSF x Near_LoA	-9,320	-0,067	0,275
CHR15	6144458	CHR15:6144458	SSF x Near_LoA	-8,113	0,016	0,299
CHR15	6144478	CHR15:6144478	SSF x Near_LoA	-7,510	-0,069	0,282
CHR15	6144519	CHR15:6144519	SSF x Near_LoA	-7,362	-0,110	0,286
CHR15	6144529	CHR15:6144529	SSF x Near_LoA	-7,031	-0,190	0,268
CHR15	6144610	CHR15:6144610	SSF x Near_LoA	-1,290	-0,128	0,286
CHR15	6169420	CHR15:6169420	SSF x Near_LoA	-4,892	0,244	0,269
CHR15	6169606	CHR15:6169606	SSF x Near_LoA	-5,638	0,186	0,277
CHR15	617914	CHR15:617914	SSF x Near_LoA	-8,631	-0,026	0,284
CHR15	617927	CHR15:617927	SSF x Near_LoA	-7,853	-0,071	0,285
CHR15	617972	CHR15:617972	SSF x Near_LoA	-7,505	-0,146	0,272
CHR15	6184221	CHR15:6184221	SSF x Near_LoA	-7,162	0,053	0,283
CHR15	6184272	CHR15:6184272	SSF x Near_LoA	-1,773	-0,173	0,278
CHR15	6184304	CHR15:6184304	SSF x Near_LoA	-8,500	-0,038	0,292
CHR15	6184336	CHR15:6184336	SSF x Near_LoA	-8,049	-0,142	0,278
CHR15	6184524	CHR15:6184524	SSF x Near_LoA	-7,093	0,020	0,303
CHR15	6188834	CHR15:6188834	SSF x Near_LoA	-9,933	-0,094	0,297
CHR15	6188845	CHR15:6188845	SSF x Near_LoA	-5,144	-0,136	0,290
CHR15	6188846	CHR15:6188846	SSF x Near_LoA	-7,375	0,057	0,298
CHR15	6188908	CHR15:6188908	SSF x Near_LoA	-9,060	-0,082	0,276
CHR15	6188916	CHR15:6188916	SSF x Near_LoA	-7,402	-0,180	0,277
CHR15	6189061	CHR15:6189061	SSF x Near_LoA	-6,229	0,034	0,286
CHR15	6196734	CHR15:6196734	SSF x Near_LoA	-7,406	0,091	0,274
CHR15	6196756	CHR15:6196756	SSF x Near_LoA	-9,382	0,083	0,270
CHR15	6196977	CHR15:6196977	SSF x Near_LoA	-6,228	-0,024	0,296
CHR15	6206362	CHR15:6206362	SSF x Near_LoA	-9,218	-0,095	0,289
CHR15	6208230	CHR15:6208230	SSF x Near_LoA	-6,893	-0,093	0,293
CHR15	6208262	CHR15:6208262	SSF x Near_LoA	-3,680	-0,077	0,296

CHR15	6208265	CHR15:6208265	SSF x Near_LoA	-8,406	-0,055	0,289
CHR15	6208311	CHR15:6208311	SSF x Near_LoA	-10,241	0,040	0,280
CHR15	6208323	CHR15:6208323	SSF x Near_LoA	-4,875	-0,063	0,286
CHR15	6208360	CHR15:6208360	SSF x Near_LoA	-8,520	0,122	0,283
CHR15	6208418	CHR15:6208418	SSF x Near_LoA	-8,124	0,025	0,290
CHR15	6208478	CHR15:6208478	SSF x Near_LoA	-5,996	0,012	0,299
CHR15	6208485	CHR15:6208485	SSF x Near_LoA	-9,842	-0,085	0,288
CHR15	6223851	CHR15:6223851	SSF x Near_LoA	-8,272	-0,048	0,305
CHR15	6223861	CHR15:6223861	SSF x Near_LoA	-7,175	-0,232	0,264
CHR15	6223966	CHR15:6223966	SSF x Near_LoA	-9,651	-0,062	0,287
CHR15	6224103	CHR15:6224103	SSF x Near_LoA	-7,811	0,070	0,273
CHR15	6225700	CHR15:6225700	SSF x Near_LoA	-8,757	0,124	0,285
CHR15	6225774	CHR15:6225774	SSF x Near_LoA	-9,759	-0,001	0,280
CHR15	6237089	CHR15:6237089	SSF x Near_LoA	-6,152	-0,122	0,282
CHR15	6237168	CHR15:6237168	SSF x Near_LoA	-9,392	-0,003	0,285
CHR15	6237187	CHR15:6237187	SSF x Near_LoA	-7,663	0,048	0,289
CHR15	623803	CHR15:623803	SSF x Near_LoA	-7,208	-0,136	0,276
CHR15	623978	CHR15:623978	SSF x Near_LoA	-10,428	-0,106	0,284
CHR15	624125	CHR15:624125	SSF x Near_LoA	-9,291	0,035	0,299
CHR15	6245788	CHR15:6245788	SSF x Near_LoA	-6,505	-0,113	0,280
CHR15	6245832	CHR15:6245832	SSF x Near_LoA	-7,133	-0,118	0,280
CHR15	6251713	CHR15:6251713	SSF x Near_LoA	-6,907	0,115	0,291
CHR15	6251745	CHR15:6251745	SSF x Near_LoA	-8,677	0,022	0,273
CHR15	6251806	CHR15:6251806	SSF x Near_LoA	-8,299	-0,028	0,285
CHR15	6269527	CHR15:6269527	SSF x Near_LoA	-7,988	-0,045	0,311
CHR15	6274485	CHR15:6274485	SSF x Near_LoA	-9,234	-0,054	0,289
CHR15	6274565	CHR15:6274565	SSF x Near_LoA	-9,513	-0,042	0,285
CHR15	6275155	CHR15:6275155	SSF x Near_LoA	-8,218	-0,089	0,281
CHR15	6275208	CHR15:6275208	SSF x Near_LoA	-5,149	-0,148	0,275
CHR15	6275227	CHR15:6275227	SSF x Near_LoA	-7,651	-0,166	0,266
CHR15	6276280	CHR15:6276280	SSF x Near_LoA	-8,109	-0,050	0,289
CHR15	6276421	CHR15:6276421	SSF x Near_LoA	-7,506	0,100	0,283
CHR15	6276432	CHR15:6276432	SSF x Near_LoA	-9,950	-0,068	0,292
CHR15	6288912	CHR15:6288912	SSF x Near_LoA	-11,173	-0,012	0,269
CHR15	6288933	CHR15:6288933	SSF x Near_LoA	-6,396	-0,009	0,284
CHR15	6289018	CHR15:6289018	SSF x Near_LoA	-8,392	-0,109	0,285
CHR15	6289022	CHR15:6289022	SSF x Near_LoA	-7,929	-0,095	0,287
CHR15	6289047	CHR15:6289047	SSF x Near_LoA	-6,002	-0,072	0,273
CHR15	6289056	CHR15:6289056	SSF x Near_LoA	-8,427	0,049	0,286
CHR15	6289075	CHR15:6289075	SSF x Near_LoA	-5,766	-0,073	0,298
CHR15	6289100	CHR15:6289100	SSF x Near_LoA	-6,490	0,087	0,283
CHR15	6289103	CHR15:6289103	SSF x Near_LoA	-6,102	0,016	0,297
CHR15	6289119	CHR15:6289119	SSF x Near_LoA	-8,338	0,102	0,287
CHR15	6295475	CHR15:6295475	SSF x Near_LoA	-5,851	0,173	0,279
CHR15	6300972	CHR15:6300972	SSF x Near_LoA	-10,626	0,083	0,296
CHR15	6304896	CHR15:6304896	SSF x Near_LoA	-6,359	-0,009	0,290
CHR15	631904	CHR15:631904	SSF x Near_LoA	-7,870	-0,157	0,285
CHR15	6324018	CHR15:6324018	SSF x Near_LoA	-8,155	-0,032	0,283
CHR15	6324038	CHR15:6324038	SSF x Near_LoA	-6,632	0,021	0,301
CHR15	6324043	CHR15:6324043	SSF x Near_LoA	-6,963	0,008	0,289
CHR15	6324148	CHR15:6324148	SSF x Near_LoA	-7,422	-0,014	0,289
CHR15	6324556	CHR15:6324556	SSF x Near_LoA	-7,578	-0,048	0,285
CHR15	6324572	CHR15:6324572	SSF x Near_LoA	-6,596	-0,028	0,288

CHR15	6334423	CHR15:6334423	SSF x Near_LoA	-8,032	0,109	0,271
CHR15	6337015	CHR15:6337015	SSF x Near_LoA	-7,606	0,088	0,276
CHR15	6337037	CHR15:6337037	SSF x Near_LoA	-7,718	-0,057	0,288
CHR15	6337074	CHR15:6337074	SSF x Near_LoA	-2,866	0,123	0,282
CHR15	6378825	CHR15:6378825	SSF x Near_LoA	-5,686	-0,164	0,288
CHR15	6378837	CHR15:6378837	SSF x Near_LoA	-5,049	0,078	0,289
CHR15	6378868	CHR15:6378868	SSF x Near_LoA	-6,191	-0,103	0,300
CHR15	6378885	CHR15:6378885	SSF x Near_LoA	-7,470	0,012	0,292
CHR15	6378905	CHR15:6378905	SSF x Near_LoA	-9,012	-0,010	0,287
CHR15	6378906	CHR15:6378906	SSF x Near_LoA	-7,658	0,020	0,296
CHR15	6379020	CHR15:6379020	SSF x Near_LoA	-4,952	0,091	0,297
CHR15	6379031	CHR15:6379031	SSF x Near_LoA	-9,229	-0,021	0,291
CHR15	6379062	CHR15:6379062	SSF x Near_LoA	-9,515	-0,023	0,288
CHR15	6381629	CHR15:6381629	SSF x Near_LoA	-7,437	-0,035	0,284
CHR15	6381649	CHR15:6381649	SSF x Near_LoA	-10,122	0,020	0,285
CHR15	6381801	CHR15:6381801	SSF x Near_LoA	-6,081	-0,072	0,286
CHR15	6384680	CHR15:6384680	SSF x Near_LoA	-6,903	0,080	0,288
CHR15	6391590	CHR15:6391590	SSF x Near_LoA	-7,776	-0,040	0,294
CHR15	6391672	CHR15:6391672	SSF x Near_LoA	-8,577	-0,111	0,271
CHR15	6391686	CHR15:6391686	SSF x Near_LoA	-7,270	-0,145	0,284
CHR15	6415786	CHR15:6415786	SSF x Near_LoA	-8,435	-0,009	0,287
CHR15	6417826	CHR15:6417826	SSF x Near_LoA	-6,160	0,133	0,288
CHR15	6417854	CHR15:6417854	SSF x Near_LoA	-4,420	0,214	0,263
CHR15	6417940	CHR15:6417940	SSF x Near_LoA	-9,398	0,101	0,277
CHR15	6453986	CHR15:6453986	SSF x Near_LoA	-6,755	0,088	0,286
CHR15	6454014	CHR15:6454014	SSF x Near_LoA	-9,252	-0,099	0,281
CHR15	6454105	CHR15:6454105	SSF x Near_LoA	-7,384	-0,074	0,295
CHR15	6454116	CHR15:6454116	SSF x Near_LoA	-7,745	0,055	0,293
CHR15	6454126	CHR15:6454126	SSF x Near_LoA	-6,102	-0,029	0,299
CHR15	6454151	CHR15:6454151	SSF x Near_LoA	-6,478	0,145	0,285
CHR15	6454170	CHR15:6454170	SSF x Near_LoA	-7,767	0,011	0,298
CHR15	6459456	CHR15:6459456	SSF x Near_LoA	-5,807	0,089	0,288
CHR15	6459670	CHR15:6459670	SSF x Near_LoA	-6,667	0,173	0,267
CHR15	6466573	CHR15:6466573	SSF x Near_LoA	-9,204	-0,059	0,287
CHR15	6466596	CHR15:6466596	SSF x Near_LoA	-6,880	0,207	0,269
CHR15	6466611	CHR15:6466611	SSF x Near_LoA	-7,890	-0,075	0,290
CHR15	6466639	CHR15:6466639	SSF x Near_LoA	-7,935	0,004	0,297
CHR15	6466691	CHR15:6466691	SSF x Near_LoA	-9,705	0,071	0,277
CHR15	6466710	CHR15:6466710	SSF x Near_LoA	-6,658	0,015	0,284
CHR15	6466743	CHR15:6466743	SSF x Near_LoA	-7,871	0,042	0,292
CHR15	6466753	CHR15:6466753	SSF x Near_LoA	-9,892	-0,004	0,295
CHR15	648497	CHR15:648497	SSF x Near_LoA	-8,307	0,049	0,301
CHR15	648704	CHR15:648704	SSF x Near_LoA	-6,438	-0,218	0,268
CHR15	6491745	CHR15:6491745	SSF x Near_LoA	-9,377	-0,005	0,299
CHR15	6492113	CHR15:6492113	SSF x Near_LoA	-9,697	-0,119	0,281
CHR15	6497256	CHR15:6497256	SSF x Near_LoA	-9,435	0,027	0,273
CHR15	6497274	CHR15:6497274	SSF x Near_LoA	-7,979	0,092	0,279
CHR15	6497293	CHR15:6497293	SSF x Near_LoA	-2,521	0,190	0,273
CHR15	6497300	CHR15:6497300	SSF x Near_LoA	-9,248	0,022	0,293
CHR15	6497349	CHR15:6497349	SSF x Near_LoA	-7,877	-0,130	0,280
CHR15	6498185	CHR15:6498185	SSF x Near_LoA	-8,717	-0,033	0,296
CHR15	6498205	CHR15:6498205	SSF x Near_LoA	-6,911	-0,122	0,289
CHR15	6514611	CHR15:6514611	SSF x Near_LoA	-11,082	-0,030	0,281

CHR15	6514682	CHR15:6514682	SSF x Near_LoA	-10,275	0,055	0,296
CHR15	6540489	CHR15:6540489	SSF x Near_LoA	-9,795	-0,009	0,286
CHR15	6540490	CHR15:6540490	SSF x Near_LoA	-8,691	0,003	0,287
CHR15	6540525	CHR15:6540525	SSF x Near_LoA	-3,905	-0,116	0,282
CHR15	6540555	CHR15:6540555	SSF x Near_LoA	-4,889	0,090	0,296
CHR15	6540603	CHR15:6540603	SSF x Near_LoA	-2,470	-0,227	0,274
CHR15	6544997	CHR15:6544997	SSF x Near_LoA	-7,476	0,093	0,291
CHR15	6545089	CHR15:6545089	SSF x Near_LoA	-4,512	-0,126	0,282
CHR15	6545099	CHR15:6545099	SSF x Near_LoA	-9,896	-0,063	0,297
CHR15	6545110	CHR15:6545110	SSF x Near_LoA	-8,917	0,014	0,287
CHR15	6545188	CHR15:6545188	SSF x Near_LoA	-6,028	-0,123	0,278
CHR15	6545222	CHR15:6545222	SSF x Near_LoA	-8,043	0,076	0,266
CHR15	6563445	CHR15:6563445	SSF x Near_LoA	-9,994	-0,024	0,299
CHR15	6563621	CHR15:6563621	SSF x Near_LoA	-9,821	0,015	0,291
CHR15	6576165	CHR15:6576165	SSF x Near_LoA	-8,538	-0,074	0,283
CHR15	6578902	CHR15:6578902	SSF x Near_LoA	-8,518	0,018	0,276
CHR15	6585870	CHR15:6585870	SSF x Near_LoA	-9,849	0,132	0,268
CHR15	6585910	CHR15:6585910	SSF x Near_LoA	-6,454	0,066	0,308
CHR15	6585985	CHR15:6585985	SSF x Near_LoA	-6,804	0,010	0,292
CHR15	6591893	CHR15:6591893	SSF x Near_LoA	-8,576	0,177	0,275
CHR15	6592122	CHR15:6592122	SSF x Near_LoA	-7,045	0,101	0,275
CHR15	6600622	CHR15:6600622	SSF x Near_LoA	-7,542	0,065	0,292
CHR15	6600623	CHR15:6600623	SSF x Near_LoA	-7,754	0,053	0,303
CHR15	6600667	CHR15:6600667	SSF x Near_LoA	-6,890	0,093	0,275
CHR15	6600684	CHR15:6600684	SSF x Near_LoA	-5,167	-0,104	0,271
CHR15	6600819	CHR15:6600819	SSF x Near_LoA	-10,164	-0,056	0,279
CHR15	6610097	CHR15:6610097	SSF x Near_LoA	-10,470	-0,050	0,286
CHR15	6610349	CHR15:6610349	SSF x Near_LoA	-9,510	-0,097	0,286
CHR15	6613196	CHR15:6613196	SSF x Near_LoA	-5,911	-0,186	0,275
CHR15	6613369	CHR15:6613369	SSF x Near_LoA	-8,523	0,152	0,287
CHR15	6613411	CHR15:6613411	SSF x Near_LoA	-9,803	0,090	0,281
CHR15	6613428	CHR15:6613428	SSF x Near_LoA	-9,908	0,028	0,279
CHR15	6625176	CHR15:6625176	SSF x Near_LoA	-6,745	-0,020	0,293
CHR15	6625201	CHR15:6625201	SSF x Near_LoA	-5,840	0,215	0,272
CHR15	6625221	CHR15:6625221	SSF x Near_LoA	-6,725	-0,015	0,294
CHR15	6625229	CHR15:6625229	SSF x Near_LoA	-9,890	0,054	0,280
CHR15	6625322	CHR15:6625322	SSF x Near_LoA	-8,065	0,080	0,275
CHR15	6625350	CHR15:6625350	SSF x Near_LoA	-5,295	0,076	0,286
CHR15	6635808	CHR15:6635808	SSF x Near_LoA	-0,926	-0,106	0,281
CHR15	6635824	CHR15:6635824	SSF x Near_LoA	-7,330	-0,111	0,267
CHR15	6635877	CHR15:6635877	SSF x Near_LoA	-6,731	0,023	0,283
CHR15	6653088	CHR15:6653088	SSF x Near_LoA	-10,007	-0,062	0,277
CHR15	6653261	CHR15:6653261	SSF x Near_LoA	-5,832	-0,139	0,282
CHR15	6653381	CHR15:6653381	SSF x Near_LoA	-10,569	-0,021	0,272
CHR15	6657709	CHR15:6657709	SSF x Near_LoA	-10,625	0,093	0,272
CHR15	6657841	CHR15:6657841	SSF x Near_LoA	-9,012	-0,021	0,291
CHR15	6657850	CHR15:6657850	SSF x Near_LoA	-6,418	-0,156	0,282
CHR15	6657878	CHR15:6657878	SSF x Near_LoA	-7,553	-0,079	0,299
CHR15	6657882	CHR15:6657882	SSF x Near_LoA	-8,455	-0,039	0,288
CHR15	6664643	CHR15:6664643	SSF x Near_LoA	16,121	0,200	0,267
CHR15	6674432	CHR15:6674432	SSF x Near_LoA	-6,347	-0,042	0,297
CHR15	668654	CHR15:668654	SSF x Near_LoA	-9,473	0,016	0,277
CHR15	668658	CHR15:668658	SSF x Near_LoA	-7,391	0,079	0,300

CHR15	668777	CHR15:668777	SSF x Near_LoA	-8,686	-0,029	0,287
CHR15	669061	CHR15:669061	SSF x Near_LoA	-6,816	0,023	0,284
CHR15	6699928	CHR15:6699928	SSF x Near_LoA	-8,107	-0,044	0,276
CHR15	6699935	CHR15:6699935	SSF x Near_LoA	-10,123	0,126	0,272
CHR15	6699998	CHR15:6699998	SSF x Near_LoA	-9,712	0,114	0,277
CHR15	6704842	CHR15:6704842	SSF x Near_LoA	-10,474	0,038	0,289
CHR15	6704985	CHR15:6704985	SSF x Near_LoA	-2,316	0,275	0,259
CHR15	6705069	CHR15:6705069	SSF x Near_LoA	-7,352	0,186	0,261
CHR15	6718424	CHR15:6718424	SSF x Near_LoA	-9,823	0,068	0,291
CHR15	6719608	CHR15:6719608	SSF x Near_LoA	-7,478	0,117	0,283
CHR15	6725113	CHR15:6725113	SSF x Near_LoA	-7,504	0,055	0,287
CHR15	6725149	CHR15:6725149	SSF x Near_LoA	-8,865	0,019	0,289
CHR15	6726073	CHR15:6726073	SSF x Near_LoA	-8,747	0,058	0,276
CHR15	6736340	CHR15:6736340	SSF x Near_LoA	-9,127	0,055	0,257
CHR15	6738885	CHR15:6738885	SSF x Near_LoA	-8,716	-0,004	0,285
CHR15	6739186	CHR15:6739186	SSF x Near_LoA	-8,951	0,018	0,273
CHR15	6758944	CHR15:6758944	SSF x Near_LoA	-9,592	0,107	0,276
CHR15	6758958	CHR15:6758958	SSF x Near_LoA	-6,915	0,151	0,288
CHR15	6758996	CHR15:6758996	SSF x Near_LoA	-9,803	0,020	0,281
CHR15	6763439	CHR15:6763439	SSF x Near_LoA	-6,856	0,099	0,295
CHR15	6771908	CHR15:6771908	SSF x Near_LoA	-7,342	0,039	0,283
CHR15	6772101	CHR15:6772101	SSF x Near_LoA	-6,647	-0,101	0,286
CHR15	6772125	CHR15:6772125	SSF x Near_LoA	-8,196	0,117	0,283
CHR15	6772176	CHR15:6772176	SSF x Near_LoA	-7,476	0,055	0,284
CHR15	6773303	CHR15:6773303	SSF x Near_LoA	-6,550	0,113	0,285
CHR15	6785991	CHR15:6785991	SSF x Near_LoA	-6,915	-0,014	0,290
CHR15	6787478	CHR15:6787478	SSF x Near_LoA	-7,603	-0,099	0,275
CHR15	6789120	CHR15:6789120	SSF x Near_LoA	-9,693	-0,086	0,278
CHR15	6791561	CHR15:6791561	SSF x Near_LoA	-7,601	0,148	0,270
CHR15	6791601	CHR15:6791601	SSF x Near_LoA	-4,931	-0,166	0,280
CHR15	6791627	CHR15:6791627	SSF x Near_LoA	-5,640	-0,073	0,283
CHR15	6791629	CHR15:6791629	SSF x Near_LoA	-8,988	0,094	0,281
CHR15	6791701	CHR15:6791701	SSF x Near_LoA	-9,633	0,019	0,296
CHR15	6800809	CHR15:6800809	SSF x Near_LoA	-10,078	-0,006	0,286
CHR15	6800855	CHR15:6800855	SSF x Near_LoA	-7,712	0,047	0,271
CHR15	6800866	CHR15:6800866	SSF x Near_LoA	-6,806	-0,035	0,287
CHR15	6805047	CHR15:6805047	SSF x Near_LoA	-7,211	0,040	0,308
CHR15	6805393	CHR15:6805393	SSF x Near_LoA	-2,660	-0,194	0,273
CHR15	6810046	CHR15:6810046	SSF x Near_LoA	-8,795	0,095	0,296
CHR15	6810051	CHR15:6810051	SSF x Near_LoA	-6,963	0,085	0,296
CHR15	6810052	CHR15:6810052	SSF x Near_LoA	-9,202	0,037	0,279
CHR15	6810073	CHR15:6810073	SSF x Near_LoA	-10,697	-0,034	0,282
CHR15	6810083	CHR15:6810083	SSF x Near_LoA	-9,475	-0,017	0,284
CHR15	6810133	CHR15:6810133	SSF x Near_LoA	-7,948	0,046	0,289
CHR15	6810142	CHR15:6810142	SSF x Near_LoA	-7,837	0,061	0,274
CHR15	6810192	CHR15:6810192	SSF x Near_LoA	-9,008	-0,016	0,287
CHR15	6810198	CHR15:6810198	SSF x Near_LoA	-8,167	0,056	0,293
CHR15	6810210	CHR15:6810210	SSF x Near_LoA	-10,347	0,071	0,288
CHR15	6810279	CHR15:6810279	SSF x Near_LoA	-6,934	-0,033	0,300
CHR15	6812694	CHR15:6812694	SSF x Near_LoA	-8,344	0,108	0,293
CHR15	6821734	CHR15:6821734	SSF x Near_LoA	-8,905	0,005	0,288
CHR15	6821798	CHR15:6821798	SSF x Near_LoA	-5,745	0,128	0,263
CHR15	6831712	CHR15:6831712	SSF x Near_LoA	-10,211	0,009	0,284

CHR15	6831810	CHR15:6831810	SSF x Near_LoA	-7,199	0,019	0,282
CHR15	6831828	CHR15:6831828	SSF x Near_LoA	-8,783	0,021	0,275
CHR15	6845641	CHR15:6845641	SSF x Near_LoA	-8,595	-0,110	0,285
CHR15	6845668	CHR15:6845668	SSF x Near_LoA	-5,923	-0,114	0,287
CHR15	6845719	CHR15:6845719	SSF x Near_LoA	-6,479	-0,084	0,291
CHR15	6845746	CHR15:6845746	SSF x Near_LoA	-10,494	0,035	0,287
CHR15	6861840	CHR15:6861840	SSF x Near_LoA	-9,285	-0,079	0,293
CHR15	6861867	CHR15:6861867	SSF x Near_LoA	-6,438	-0,141	0,298
CHR15	6861951	CHR15:6861951	SSF x Near_LoA	-7,621	0,064	0,288
CHR15	6861967	CHR15:6861967	SSF x Near_LoA	-9,918	0,032	0,288
CHR15	6863010	CHR15:6863010	SSF x Near_LoA	0,518	-0,074	0,300
CHR15	6863032	CHR15:6863032	SSF x Near_LoA	-7,145	-0,077	0,288
CHR15	6863049	CHR15:6863049	SSF x Near_LoA	-6,945	-0,075	0,287
CHR15	6863072	CHR15:6863072	SSF x Near_LoA	8,473	-0,110	0,281
CHR15	6863074	CHR15:6863074	SSF x Near_LoA	-9,997	-0,014	0,289
CHR15	6863100	CHR15:6863100	SSF x Near_LoA	-7,791	-0,168	0,275
CHR15	6863116	CHR15:6863116	SSF x Near_LoA	-8,953	0,025	0,308
CHR15	6871273	CHR15:6871273	SSF x Near_LoA	-9,137	0,065	0,284
CHR15	6881432	CHR15:6881432	SSF x Near_LoA	-8,466	-0,010	0,289
CHR15	6886468	CHR15:6886468	SSF x Near_LoA	-7,968	-0,014	0,283
CHR15	6886692	CHR15:6886692	SSF x Near_LoA	-7,168	-0,019	0,286
CHR15	6899163	CHR15:6899163	SSF x Near_LoA	-9,242	-0,035	0,295
CHR15	6899214	CHR15:6899214	SSF x Near_LoA	-7,885	0,035	0,286
CHR15	6899284	CHR15:6899284	SSF x Near_LoA	-7,123	-0,042	0,289
CHR15	6899302	CHR15:6899302	SSF x Near_LoA	-8,469	-0,063	0,281
CHR15	6899403	CHR15:6899403	SSF x Near_LoA	-10,792	0,002	0,302
CHR15	6930531	CHR15:6930531	SSF x Near_LoA	-4,693	0,158	0,282
CHR15	6930720	CHR15:6930720	SSF x Near_LoA	4,540	-0,314	0,256
CHR15	6934633	CHR15:6934633	SSF x Near_LoA	-8,231	-0,005	0,296
CHR15	6936549	CHR15:6936549	SSF x Near_LoA	-6,929	-0,038	0,278
CHR15	6936563	CHR15:6936563	SSF x Near_LoA	-7,652	0,079	0,288
CHR15	6936570	CHR15:6936570	SSF x Near_LoA	-7,986	0,034	0,311
CHR15	6936603	CHR15:6936603	SSF x Near_LoA	-7,167	0,107	0,284
CHR15	6936626	CHR15:6936626	SSF x Near_LoA	-5,737	-0,231	0,271
CHR15	6936698	CHR15:6936698	SSF x Near_LoA	-6,131	0,034	0,299
CHR15	6936703	CHR15:6936703	SSF x Near_LoA	-7,576	-0,062	0,297
CHR15	6964050	CHR15:6964050	SSF x Near_LoA	-9,579	0,050	0,309
CHR15	6964117	CHR15:6964117	SSF x Near_LoA	-9,474	0,071	0,283
CHR15	6964122	CHR15:6964122	SSF x Near_LoA	-7,221	-0,022	0,315
CHR15	6964124	CHR15:6964124	SSF x Near_LoA	-7,056	-0,033	0,302
CHR15	6964168	CHR15:6964168	SSF x Near_LoA	-9,559	0,067	0,290
CHR15	6964181	CHR15:6964181	SSF x Near_LoA	-9,332	0,107	0,287
CHR15	6964183	CHR15:6964183	SSF x Near_LoA	-9,581	-0,008	0,293
CHR15	6964288	CHR15:6964288	SSF x Near_LoA	-6,343	-0,093	0,289
CHR15	6964347	CHR15:6964347	SSF x Near_LoA	-7,216	-0,069	0,275
CHR15	6964353	CHR15:6964353	SSF x Near_LoA	-6,659	-0,030	0,302
CHR15	6966153	CHR15:6966153	SSF x Near_LoA	-6,922	-0,086	0,273
CHR15	6975276	CHR15:6975276	SSF x Near_LoA	-7,593	-0,036	0,304
CHR15	6975308	CHR15:6975308	SSF x Near_LoA	-9,375	-0,034	0,294
CHR15	6975317	CHR15:6975317	SSF x Near_LoA	-7,643	-0,072	0,293
CHR15	6975371	CHR15:6975371	SSF x Near_LoA	-2,282	-0,107	0,282
CHR15	6975380	CHR15:6975380	SSF x Near_LoA	-7,574	0,113	0,282
CHR15	6975385	CHR15:6975385	SSF x Near_LoA	-7,979	0,113	0,291

CHR15	6975444	CHR15:6975444	SSF x Near_LoA	-7,497	0,043	0,289
CHR15	6975462	CHR15:6975462	SSF x Near_LoA	-7,363	-0,032	0,298
CHR15	6979071	CHR15:6979071	SSF x Near_LoA	-10,287	0,041	0,273
CHR15	6980215	CHR15:6980215	SSF x Near_LoA	9,094	-0,228	0,281
CHR15	6980237	CHR15:6980237	SSF x Near_LoA	-8,632	0,147	0,262
CHR15	6980238	CHR15:6980238	SSF x Near_LoA	-5,007	0,145	0,282
CHR15	6980242	CHR15:6980242	SSF x Near_LoA	-6,576	0,109	0,271
CHR15	6980245	CHR15:6980245	SSF x Near_LoA	-10,906	-0,012	0,286
CHR15	6980376	CHR15:6980376	SSF x Near_LoA	-6,509	-0,156	0,283
CHR15	7001889	CHR15:7001889	SSF x Near_LoA	-7,883	0,038	0,302
CHR15	7001921	CHR15:7001921	SSF x Near_LoA	-8,472	0,007	0,286
CHR15	7001949	CHR15:7001949	SSF x Near_LoA	-7,981	0,031	0,285
CHR15	7001968	CHR15:7001968	SSF x Near_LoA	-8,180	-0,053	0,289
CHR15	7006743	CHR15:7006743	SSF x Near_LoA	-6,322	-0,052	0,292
CHR15	7041284	CHR15:7041284	SSF x Near_LoA	-3,491	-0,123	0,276
CHR15	7043427	CHR15:7043427	SSF x Near_LoA	-4,507	-0,154	0,285
CHR15	7043430	CHR15:7043430	SSF x Near_LoA	-6,313	-0,104	0,296
CHR15	7043465	CHR15:7043465	SSF x Near_LoA	-8,906	-0,044	0,299
CHR15	7043483	CHR15:7043483	SSF x Near_LoA	-7,889	-0,160	0,279
CHR15	7044604	CHR15:7044604	SSF x Near_LoA	3,715	-0,083	0,292
CHR15	7044638	CHR15:7044638	SSF x Near_LoA	-8,235	-0,095	0,276
CHR15	7044698	CHR15:7044698	SSF x Near_LoA	-9,592	-0,021	0,295
CHR15	7044718	CHR15:7044718	SSF x Near_LoA	-7,215	-0,083	0,290
CHR15	7058000	CHR15:7058000	SSF x Near_LoA	-10,208	-0,002	0,277
CHR15	705926	CHR15:705926	SSF x Near_LoA	-1,436	-0,130	0,282
CHR15	706090	CHR15:706090	SSF x Near_LoA	-10,338	0,093	0,271
CHR15	706128	CHR15:706128	SSF x Near_LoA	-7,029	-0,130	0,272
CHR15	7061542	CHR15:7061542	SSF x Near_LoA	-7,687	-0,001	0,273
CHR15	7065167	CHR15:7065167	SSF x Near_LoA	-8,202	-0,099	0,291
CHR15	7065236	CHR15:7065236	SSF x Near_LoA	-8,279	0,018	0,281
CHR15	7076692	CHR15:7076692	SSF x Near_LoA	-6,733	0,119	0,274
CHR15	7087097	CHR15:7087097	SSF x Near_LoA	-9,599	0,054	0,278
CHR15	7115218	CHR15:7115218	SSF x Near_LoA	-9,023	0,009	0,279
CHR15	7115258	CHR15:7115258	SSF x Near_LoA	-8,630	-0,020	0,275
CHR15	7115268	CHR15:7115268	SSF x Near_LoA	-10,154	0,021	0,291
CHR15	7127311	CHR15:7127311	SSF x Near_LoA	-6,836	0,059	0,278
CHR15	7127379	CHR15:7127379	SSF x Near_LoA	-8,686	-0,179	0,287
CHR15	7127489	CHR15:7127489	SSF x Near_LoA	-7,678	0,013	0,285
CHR15	7127494	CHR15:7127494	SSF x Near_LoA	-8,996	0,056	0,283
CHR15	7127521	CHR15:7127521	SSF x Near_LoA	-10,437	0,061	0,272
CHR15	7127522	CHR15:7127522	SSF x Near_LoA	-7,211	0,053	0,280
CHR15	7141565	CHR15:7141565	SSF x Near_LoA	-7,083	-0,089	0,272
CHR15	7141573	CHR15:7141573	SSF x Near_LoA	-6,042	-0,088	0,284
CHR15	7141704	CHR15:7141704	SSF x Near_LoA	-6,580	0,130	0,280
CHR15	7141727	CHR15:7141727	SSF x Near_LoA	-7,197	0,006	0,298
CHR15	7141768	CHR15:7141768	SSF x Near_LoA	-6,677	-0,174	0,275
CHR15	7141811	CHR15:7141811	SSF x Near_LoA	-4,309	-0,242	0,275
CHR15	7141830	CHR15:7141830	SSF x Near_LoA	-9,441	0,097	0,282
CHR15	7151252	CHR15:7151252	SSF x Near_LoA	-10,162	-0,018	0,296
CHR15	7151379	CHR15:7151379	SSF x Near_LoA	-0,245	-0,036	0,287
CHR15	7151595	CHR15:7151595	SSF x Near_LoA	-8,467	0,039	0,306
CHR15	7151608	CHR15:7151608	SSF x Near_LoA	-7,896	0,058	0,297
CHR15	7151716	CHR15:7151716	SSF x Near_LoA	-6,965	0,026	0,279

CHR15	7151756	CHR15:7151756	SSF x Near_LoA	-7,480	-0,032	0,294
CHR15	7154028	CHR15:7154028	SSF x Near_LoA	-6,499	0,165	0,271
CHR15	7154058	CHR15:7154058	SSF x Near_LoA	-8,139	-0,058	0,295
CHR15	7154124	CHR15:7154124	SSF x Near_LoA	-9,437	0,065	0,278
CHR15	7170298	CHR15:7170298	SSF x Near_LoA	-6,801	0,022	0,289
CHR15	7170332	CHR15:7170332	SSF x Near_LoA	-5,105	-0,150	0,287
CHR15	7170452	CHR15:7170452	SSF x Near_LoA	-8,739	-0,017	0,299
CHR15	7175232	CHR15:7175232	SSF x Near_LoA	-10,134	0,042	0,278
CHR15	7175317	CHR15:7175317	SSF x Near_LoA	-9,781	-0,005	0,274
CHR15	7175391	CHR15:7175391	SSF x Near_LoA	-6,462	-0,019	0,295
CHR15	7184850	CHR15:7184850	SSF x Near_LoA	-8,253	-0,098	0,282
CHR15	7184887	CHR15:7184887	SSF x Near_LoA	-5,456	0,121	0,286
CHR15	7184934	CHR15:7184934	SSF x Near_LoA	-7,930	0,061	0,277
CHR15	7187846	CHR15:7187846	SSF x Near_LoA	-7,206	0,117	0,281
CHR15	7188020	CHR15:7188020	SSF x Near_LoA	-9,703	-0,052	0,277
CHR15	720816	CHR15:720816	SSF x Near_LoA	-7,199	-0,031	0,288
CHR15	722173	CHR15:722173	SSF x Near_LoA	-7,170	0,153	0,285
CHR15	722239	CHR15:722239	SSF x Near_LoA	-10,173	-0,040	0,285
CHR15	722318	CHR15:722318	SSF x Near_LoA	-9,280	0,091	0,297
CHR15	722363	CHR15:722363	SSF x Near_LoA	-8,893	0,031	0,287
CHR15	7232432	CHR15:7232432	SSF x Near_LoA	-6,004	0,032	0,266
CHR15	7232512	CHR15:7232512	SSF x Near_LoA	-8,449	0,087	0,293
CHR15	7232724	CHR15:7232724	SSF x Near_LoA	-3,931	0,006	0,278
CHR15	7232739	CHR15:7232739	SSF x Near_LoA	-10,105	0,062	0,287
CHR15	7232897	CHR15:7232897	SSF x Near_LoA	-7,271	-0,070	0,291
CHR15	7247113	CHR15:7247113	SSF x Near_LoA	-6,999	0,049	0,276
CHR15	7247273	CHR15:7247273	SSF x Near_LoA	-8,684	0,071	0,294
CHR15	7254234	CHR15:7254234	SSF x Near_LoA	-5,194	0,165	0,291
CHR15	7254291	CHR15:7254291	SSF x Near_LoA	-6,339	0,083	0,293
CHR15	7254371	CHR15:7254371	SSF x Near_LoA	-9,528	-0,026	0,280
CHR15	7254422	CHR15:7254422	SSF x Near_LoA	-9,062	0,020	0,285
CHR15	7254457	CHR15:7254457	SSF x Near_LoA	-9,405	0,049	0,292
CHR15	7254498	CHR15:7254498	SSF x Near_LoA	-8,839	0,050	0,288
CHR15	7260468	CHR15:7260468	SSF x Near_LoA	-8,491	-0,088	0,283
CHR15	726086	CHR15:726086	SSF x Near_LoA	-5,935	-0,050	0,294
CHR15	726114	CHR15:726114	SSF x Near_LoA	-6,323	-0,091	0,289
CHR15	726198	CHR15:726198	SSF x Near_LoA	-9,785	-0,012	0,291
CHR15	726225	CHR15:726225	SSF x Near_LoA	-5,389	-0,106	0,287
CHR15	7274933	CHR15:7274933	SSF x Near_LoA	-8,224	0,060	0,291
CHR15	7274942	CHR15:7274942	SSF x Near_LoA	-7,435	0,065	0,277
CHR15	7274986	CHR15:7274986	SSF x Near_LoA	-7,812	-0,101	0,288
CHR15	7312550	CHR15:7312550	SSF x Near_LoA	-6,479	0,012	0,289
CHR15	7312578	CHR15:7312578	SSF x Near_LoA	-8,599	-0,047	0,279
CHR15	731339	CHR15:731339	SSF x Near_LoA	-7,044	0,020	0,281
CHR15	7317696	CHR15:7317696	SSF x Near_LoA	-8,719	-0,042	0,281
CHR15	7317715	CHR15:7317715	SSF x Near_LoA	-6,867	0,082	0,277
CHR15	7317808	CHR15:7317808	SSF x Near_LoA	-6,120	0,092	0,271
CHR15	7329941	CHR15:7329941	SSF x Near_LoA	-9,701	-0,003	0,301
CHR15	7329999	CHR15:7329999	SSF x Near_LoA	-6,322	0,006	0,284
CHR15	7330022	CHR15:7330022	SSF x Near_LoA	-10,229	-0,067	0,286
CHR15	7330031	CHR15:7330031	SSF x Near_LoA	-7,996	0,135	0,284
CHR15	7336664	CHR15:7336664	SSF x Near_LoA	-7,306	-0,061	0,279
CHR15	7336678	CHR15:7336678	SSF x Near_LoA	-7,866	-0,058	0,270

CHR15	7336714	CHR15:7336714	SSF x Near_LoA	-7,266	0,050	0,285
CHR15	7336724	CHR15:7336724	SSF x Near_LoA	-7,560	-0,097	0,291
CHR15	7336746	CHR15:7336746	SSF x Near_LoA	-5,508	-0,088	0,302
CHR15	7340165	CHR15:7340165	SSF x Near_LoA	-8,769	-0,111	0,289
CHR15	7340206	CHR15:7340206	SSF x Near_LoA	-8,958	-0,111	0,281
CHR15	7340282	CHR15:7340282	SSF x Near_LoA	-8,540	0,050	0,284
CHR15	7340313	CHR15:7340313	SSF x Near_LoA	-7,584	0,058	0,288
CHR15	7346997	CHR15:7346997	SSF x Near_LoA	-3,408	0,034	0,294
CHR15	7355708	CHR15:7355708	SSF x Near_LoA	-9,662	0,015	0,292
CHR15	7355743	CHR15:7355743	SSF x Near_LoA	-3,639	0,229	0,275
CHR15	7355845	CHR15:7355845	SSF x Near_LoA	-10,659	-0,050	0,286
CHR15	7355901	CHR15:7355901	SSF x Near_LoA	-7,439	-0,176	0,291
CHR15	7355940	CHR15:7355940	SSF x Near_LoA	-7,562	-0,031	0,278
CHR15	7357726	CHR15:7357726	SSF x Near_LoA	-8,066	0,092	0,300
CHR15	7357770	CHR15:7357770	SSF x Near_LoA	-8,129	0,010	0,273
CHR15	7357771	CHR15:7357771	SSF x Near_LoA	-8,346	0,132	0,276
CHR15	7362727	CHR15:7362727	SSF x Near_LoA	-6,393	-0,027	0,286
CHR15	7372943	CHR15:7372943	SSF x Near_LoA	-6,542	-0,096	0,300
CHR15	7372949	CHR15:7372949	SSF x Near_LoA	-7,145	0,023	0,296
CHR15	7372965	CHR15:7372965	SSF x Near_LoA	-6,185	0,007	0,294
CHR15	7372966	CHR15:7372966	SSF x Near_LoA	-5,854	0,061	0,295
CHR15	7372968	CHR15:7372968	SSF x Near_LoA	-6,466	-0,034	0,293
CHR15	7373024	CHR15:7373024	SSF x Near_LoA	-7,687	0,014	0,275
CHR15	7373070	CHR15:7373070	SSF x Near_LoA	-7,712	0,094	0,292
CHR15	7373096	CHR15:7373096	SSF x Near_LoA	-1,846	0,049	0,295
CHR15	7373110	CHR15:7373110	SSF x Near_LoA	-9,088	-0,029	0,282
CHR15	7373139	CHR15:7373139	SSF x Near_LoA	-9,278	0,150	0,274
CHR15	7386253	CHR15:7386253	SSF x Near_LoA	-8,374	0,055	0,284
CHR15	7386270	CHR15:7386270	SSF x Near_LoA	-8,889	0,019	0,283
CHR15	7392615	CHR15:7392615	SSF x Near_LoA	-8,283	-0,042	0,296
CHR15	7392641	CHR15:7392641	SSF x Near_LoA	-9,431	0,018	0,292
CHR15	7392648	CHR15:7392648	SSF x Near_LoA	-7,286	-0,015	0,295
CHR15	7392813	CHR15:7392813	SSF x Near_LoA	-9,125	-0,035	0,297
CHR15	7392877	CHR15:7392877	SSF x Near_LoA	-8,490	-0,124	0,255
CHR15	7392959	CHR15:7392959	SSF x Near_LoA	-10,279	-0,015	0,269
CHR15	7398446	CHR15:7398446	SSF x Near_LoA	-7,991	0,047	0,272
CHR15	7398775	CHR15:7398775	SSF x Near_LoA	-8,977	0,060	0,296
CHR15	7401313	CHR15:7401313	SSF x Near_LoA	-6,158	-0,133	0,287
CHR15	7401389	CHR15:7401389	SSF x Near_LoA	-9,150	0,013	0,294
CHR15	7402657	CHR15:7402657	SSF x Near_LoA	-7,837	-0,006	0,285
CHR15	7402710	CHR15:7402710	SSF x Near_LoA	-7,965	0,039	0,297
CHR15	7417208	CHR15:7417208	SSF x Near_LoA	-7,638	-0,057	0,286
CHR15	7422340	CHR15:7422340	SSF x Near_LoA	-5,056	0,198	0,277
CHR15	7422349	CHR15:7422349	SSF x Near_LoA	-8,179	0,178	0,285
CHR15	7436653	CHR15:7436653	SSF x Near_LoA	-9,505	-0,026	0,288
CHR15	7436920	CHR15:7436920	SSF x Near_LoA	-9,125	0,016	0,284
CHR15	7437030	CHR15:7437030	SSF x Near_LoA	-8,534	0,081	0,282
CHR15	7437065	CHR15:7437065	SSF x Near_LoA	-9,232	-0,023	0,286
CHR15	7444800	CHR15:7444800	SSF x Near_LoA	-7,983	-0,044	0,276
CHR15	7488852	CHR15:7488852	SSF x Near_LoA	-10,360	-0,041	0,284
CHR15	7488911	CHR15:7488911	SSF x Near_LoA	-7,883	-0,064	0,280
CHR15	7506142	CHR15:7506142	SSF x Near_LoA	-5,138	0,161	0,284
CHR15	7506148	CHR15:7506148	SSF x Near_LoA	-5,857	-0,122	0,292

CHR15	7506153	CHR15:7506153	SSF x Near_LoA	-6,176	-0,120	0,289
CHR15	7528349	CHR15:7528349	SSF x Near_LoA	-7,831	0,038	0,294
CHR15	7528352	CHR15:7528352	SSF x Near_LoA	-4,146	-0,219	0,277
CHR15	7528451	CHR15:7528451	SSF x Near_LoA	-7,590	-0,015	0,292
CHR15	7528454	CHR15:7528454	SSF x Near_LoA	-9,049	-0,050	0,271
CHR15	7538033	CHR15:7538033	SSF x Near_LoA	-9,558	0,013	0,279
CHR15	7538252	CHR15:7538252	SSF x Near_LoA	-8,936	0,122	0,274
CHR15	7543010	CHR15:7543010	SSF x Near_LoA	-8,310	-0,083	0,288
CHR15	7543099	CHR15:7543099	SSF x Near_LoA	-5,341	0,061	0,273
CHR15	7555040	CHR15:7555040	SSF x Near_LoA	-2,714	-0,089	0,287
CHR15	7555174	CHR15:7555174	SSF x Near_LoA	-0,914	-0,099	0,280
CHR15	7555271	CHR15:7555271	SSF x Near_LoA	-8,177	-0,040	0,277
CHR15	7558908	CHR15:7558908	SSF x Near_LoA	-6,997	0,072	0,278
CHR15	7559020	CHR15:7559020	SSF x Near_LoA	-7,656	0,154	0,296
CHR15	7559035	CHR15:7559035	SSF x Near_LoA	-8,018	0,165	0,276
CHR15	7559097	CHR15:7559097	SSF x Near_LoA	-7,080	-0,084	0,268
CHR15	7559144	CHR15:7559144	SSF x Near_LoA	-8,625	0,011	0,301
CHR15	7559169	CHR15:7559169	SSF x Near_LoA	-6,984	-0,151	0,265
CHR15	7566625	CHR15:7566625	SSF x Near_LoA	-6,718	0,079	0,287
CHR15	758974	CHR15:758974	SSF x Near_LoA	-9,941	-0,048	0,293
CHR15	7592528	CHR15:7592528	SSF x Near_LoA	-10,342	-0,008	0,287
CHR15	7592602	CHR15:7592602	SSF x Near_LoA	-8,899	0,004	0,296
CHR15	7595945	CHR15:7595945	SSF x Near_LoA	-8,652	-0,056	0,281
CHR15	7653515	CHR15:7653515	SSF x Near_LoA	-9,292	-0,062	0,260
CHR15	7659783	CHR15:7659783	SSF x Near_LoA	-7,155	-0,071	0,295
CHR15	7666897	CHR15:7666897	SSF x Near_LoA	-6,219	0,109	0,302
CHR15	7669060	CHR15:7669060	SSF x Near_LoA	-9,352	-0,051	0,291
CHR15	767893	CHR15:767893	SSF x Near_LoA	-5,340	0,097	0,289
CHR15	767944	CHR15:767944	SSF x Near_LoA	-10,590	0,011	0,286
CHR15	767985	CHR15:767985	SSF x Near_LoA	-9,497	0,093	0,299
CHR15	7686740	CHR15:7686740	SSF x Near_LoA	-8,352	0,093	0,282
CHR15	7690489	CHR15:7690489	SSF x Near_LoA	-8,938	0,035	0,275
CHR15	7690494	CHR15:7690494	SSF x Near_LoA	-6,232	-0,104	0,275
CHR15	7697051	CHR15:7697051	SSF x Near_LoA	-9,620	0,044	0,296
CHR15	7699517	CHR15:7699517	SSF x Near_LoA	-8,156	0,168	0,280
CHR15	7699518	CHR15:7699518	SSF x Near_LoA	-5,410	0,204	0,282
CHR15	7707501	CHR15:7707501	SSF x Near_LoA	-9,496	0,031	0,293
CHR15	7707566	CHR15:7707566	SSF x Near_LoA	-7,023	0,042	0,276
CHR15	7707601	CHR15:7707601	SSF x Near_LoA	-9,300	0,093	0,297
CHR15	7707749	CHR15:7707749	SSF x Near_LoA	-6,713	0,116	0,268
CHR15	7707759	CHR15:7707759	SSF x Near_LoA	-10,460	0,111	0,267
CHR15	7707760	CHR15:7707760	SSF x Near_LoA	-9,523	0,088	0,273
CHR15	7707761	CHR15:7707761	SSF x Near_LoA	-9,595	0,080	0,276
CHR15	7725260	CHR15:7725260	SSF x Near_LoA	-6,819	0,163	0,256
CHR15	7725306	CHR15:7725306	SSF x Near_LoA	-1,838	0,259	0,262
CHR15	7725734	CHR15:7725734	SSF x Near_LoA	-5,852	0,120	0,289
CHR15	7725895	CHR15:7725895	SSF x Near_LoA	-9,212	0,048	0,289
CHR15	7745178	CHR15:7745178	SSF x Near_LoA	-2,548	0,207	0,258
CHR15	7745341	CHR15:7745341	SSF x Near_LoA	-2,310	0,220	0,276
CHR15	7750518	CHR15:7750518	SSF x Near_LoA	-7,153	-0,076	0,287
CHR15	7750524	CHR15:7750524	SSF x Near_LoA	-2,861	-0,065	0,288
CHR15	7750673	CHR15:7750673	SSF x Near_LoA	-9,860	-0,021	0,285
CHR15	7750798	CHR15:7750798	SSF x Near_LoA	-10,580	-0,033	0,294

CHR15	7767091	CHR15:7767091	SSF x Near_LoA	-6,621	0,102	0,298
CHR15	7767160	CHR15:7767160	SSF x Near_LoA	-7,922	-0,110	0,292
CHR15	7775277	CHR15:7775277	SSF x Near_LoA	-6,505	-0,104	0,271
CHR15	7775332	CHR15:7775332	SSF x Near_LoA	-10,337	0,004	0,295
CHR15	7775387	CHR15:7775387	SSF x Near_LoA	-9,604	-0,092	0,276
CHR15	7775592	CHR15:7775592	SSF x Near_LoA	-8,961	-0,090	0,289
CHR15	7782945	CHR15:7782945	SSF x Near_LoA	-8,461	0,103	0,278
CHR15	7783164	CHR15:7783164	SSF x Near_LoA	-8,024	0,067	0,288
CHR15	7783208	CHR15:7783208	SSF x Near_LoA	-8,619	-0,117	0,290
CHR15	7783209	CHR15:7783209	SSF x Near_LoA	-6,579	-0,055	0,288
CHR15	7783269	CHR15:7783269	SSF x Near_LoA	-8,806	-0,093	0,273
CHR15	7783298	CHR15:7783298	SSF x Near_LoA	-9,029	-0,092	0,276
CHR15	7783325	CHR15:7783325	SSF x Near_LoA	-10,203	-0,052	0,293
CHR15	7792680	CHR15:7792680	SSF x Near_LoA	-10,441	-0,048	0,287
CHR15	7796257	CHR15:7796257	SSF x Near_LoA	-9,689	-0,014	0,288
CHR15	7806163	CHR15:7806163	SSF x Near_LoA	-6,980	0,110	0,298
CHR15	7815245	CHR15:7815245	SSF x Near_LoA	-10,197	-0,032	0,288
CHR15	7840662	CHR15:7840662	SSF x Near_LoA	-9,304	-0,022	0,291
CHR15	7842267	CHR15:7842267	SSF x Near_LoA	0,417	0,219	0,269
CHR15	7858844	CHR15:7858844	SSF x Near_LoA	-9,042	-0,012	0,286
CHR15	7858852	CHR15:7858852	SSF x Near_LoA	-9,628	-0,019	0,288
CHR15	7858955	CHR15:7858955	SSF x Near_LoA	-0,876	0,128	0,291
CHR15	7864547	CHR15:7864547	SSF x Near_LoA	-4,917	-0,187	0,287
CHR15	7864558	CHR15:7864558	SSF x Near_LoA	-6,695	-0,131	0,290
CHR15	7864569	CHR15:7864569	SSF x Near_LoA	-8,930	-0,115	0,280
CHR15	7864671	CHR15:7864671	SSF x Near_LoA	-8,740	-0,146	0,286
CHR15	7864843	CHR15:7864843	SSF x Near_LoA	-10,290	0,035	0,292
CHR15	7902151	CHR15:7902151	SSF x Near_LoA	3,897	-0,102	0,293
CHR15	7909468	CHR15:7909468	SSF x Near_LoA	-7,614	-0,068	0,288
CHR15	7909568	CHR15:7909568	SSF x Near_LoA	-7,167	0,022	0,300
CHR15	7909579	CHR15:7909579	SSF x Near_LoA	-7,783	0,044	0,281
CHR15	791368	CHR15:791368	SSF x Near_LoA	-8,604	-0,145	0,282
CHR15	791396	CHR15:791396	SSF x Near_LoA	-9,115	-0,092	0,291
CHR15	791436	CHR15:791436	SSF x Near_LoA	-7,768	0,066	0,292
CHR15	791533	CHR15:791533	SSF x Near_LoA	-7,423	0,086	0,285
CHR15	7928798	CHR15:7928798	SSF x Near_LoA	-4,823	0,107	0,274
CHR15	7928915	CHR15:7928915	SSF x Near_LoA	-6,967	0,095	0,297
CHR15	7938020	CHR15:7938020	SSF x Near_LoA	-10,668	-0,073	0,275
CHR15	7938247	CHR15:7938247	SSF x Near_LoA	-7,376	0,040	0,289
CHR15	7938292	CHR15:7938292	SSF x Near_LoA	-9,084	0,006	0,287
CHR15	7938334	CHR15:7938334	SSF x Near_LoA	-7,659	-0,085	0,280
CHR15	7938403	CHR15:7938403	SSF x Near_LoA	-9,428	-0,039	0,278
CHR15	7944701	CHR15:7944701	SSF x Near_LoA	-8,910	-0,086	0,273
CHR15	7952415	CHR15:7952415	SSF x Near_LoA	-8,106	0,057	0,285
CHR15	7952550	CHR15:7952550	SSF x Near_LoA	-7,122	0,054	0,289
CHR15	7952569	CHR15:7952569	SSF x Near_LoA	-7,529	0,080	0,287
CHR15	7952668	CHR15:7952668	SSF x Near_LoA	3,967	-0,263	0,274
CHR15	7952669	CHR15:7952669	SSF x Near_LoA	-0,316	-0,310	0,263
CHR15	7961138	CHR15:7961138	SSF x Near_LoA	-7,558	-0,106	0,294
CHR15	7961179	CHR15:7961179	SSF x Near_LoA	-10,005	0,031	0,286
CHR15	7961192	CHR15:7961192	SSF x Near_LoA	-10,138	-0,013	0,282
CHR15	7961292	CHR15:7961292	SSF x Near_LoA	-9,162	0,116	0,283
CHR15	7961316	CHR15:7961316	SSF x Near_LoA	-10,235	0,007	0,298

CHR15	7961317	CHR15:7961317	SSF x Near_LoA	-9,005	-0,025	0,291
CHR15	7964368	CHR15:7964368	SSF x Near_LoA	-8,457	0,077	0,283
CHR15	7964386	CHR15:7964386	SSF x Near_LoA	-9,343	-0,130	0,295
CHR15	7964494	CHR15:7964494	SSF x Near_LoA	-3,393	0,233	0,278
CHR15	7964505	CHR15:7964505	SSF x Near_LoA	-9,908	-0,042	0,284
CHR15	7964589	CHR15:7964589	SSF x Near_LoA	-5,563	0,204	0,280
CHR15	7964598	CHR15:7964598	SSF x Near_LoA	-8,609	-0,053	0,286
CHR15	7971532	CHR15:7971532	SSF x Near_LoA	-8,686	-0,057	0,286
CHR15	7973142	CHR15:7973142	SSF x Near_LoA	-6,204	-0,174	0,292
CHR15	7973207	CHR15:7973207	SSF x Near_LoA	-6,096	0,071	0,302
CHR15	7973272	CHR15:7973272	SSF x Near_LoA	-7,964	-0,051	0,289
CHR15	7973281	CHR15:7973281	SSF x Near_LoA	-7,736	-0,024	0,287
CHR15	7973312	CHR15:7973312	SSF x Near_LoA	-7,410	-0,012	0,263
CHR15	7976543	CHR15:7976543	SSF x Near_LoA	-9,725	-0,099	0,286
CHR15	7976704	CHR15:7976704	SSF x Near_LoA	-6,901	0,075	0,286
CHR15	7976792	CHR15:7976792	SSF x Near_LoA	-5,294	-0,185	0,283
CHR15	7976810	CHR15:7976810	SSF x Near_LoA	-8,238	0,072	0,288
CHR15	8001607	CHR15:8001607	SSF x Near_LoA	-9,615	-0,055	0,284
CHR15	8001640	CHR15:8001640	SSF x Near_LoA	-9,649	-0,036	0,281
CHR15	8011384	CHR15:8011384	SSF x Near_LoA	-8,133	0,100	0,270
CHR15	8019820	CHR15:8019820	SSF x Near_LoA	-7,010	0,081	0,291
CHR15	8020167	CHR15:8020167	SSF x Near_LoA	-7,846	0,015	0,288
CHR15	8026816	CHR15:8026816	SSF x Near_LoA	-7,699	0,098	0,280
CHR15	8026868	CHR15:8026868	SSF x Near_LoA	-6,775	0,103	0,297
CHR15	8026906	CHR15:8026906	SSF x Near_LoA	-9,242	0,040	0,287
CHR15	8026916	CHR15:8026916	SSF x Near_LoA	-9,552	0,048	0,290
CHR15	8027042	CHR15:8027042	SSF x Near_LoA	-5,436	0,116	0,285
CHR15	8034812	CHR15:8034812	SSF x Near_LoA	-2,450	-0,205	0,280
CHR15	8034867	CHR15:8034867	SSF x Near_LoA	-1,673	0,241	0,261
CHR15	8034887	CHR15:8034887	SSF x Near_LoA	-9,196	-0,029	0,300
CHR15	8034918	CHR15:8034918	SSF x Near_LoA	-9,399	0,066	0,289
CHR15	8034950	CHR15:8034950	SSF x Near_LoA	-8,383	0,104	0,276
CHR15	8034952	CHR15:8034952	SSF x Near_LoA	-9,218	0,005	0,287
CHR15	8034992	CHR15:8034992	SSF x Near_LoA	-6,923	-0,040	0,293
CHR15	8035158	CHR15:8035158	SSF x Near_LoA	-9,056	0,104	0,280
CHR15	8047762	CHR15:8047762	SSF x Near_LoA	-6,972	0,166	0,281
CHR15	8047821	CHR15:8047821	SSF x Near_LoA	-7,658	0,100	0,289
CHR15	8090043	CHR15:8090043	SSF x Near_LoA	-7,542	0,028	0,295
CHR15	8090050	CHR15:8090050	SSF x Near_LoA	-8,754	0,032	0,297
CHR15	8090055	CHR15:8090055	SSF x Near_LoA	-7,523	-0,105	0,288
CHR15	8104730	CHR15:8104730	SSF x Near_LoA	-5,492	-0,195	0,288
CHR15	8104959	CHR15:8104959	SSF x Near_LoA	-5,237	0,166	0,294
CHR15	8106603	CHR15:8106603	SSF x Near_LoA	-4,794	0,176	0,276
CHR15	8121258	CHR15:8121258	SSF x Near_LoA	-8,933	0,157	0,275
CHR15	8121726	CHR15:8121726	SSF x Near_LoA	-5,201	0,055	0,301
CHR15	8124794	CHR15:8124794	SSF x Near_LoA	-8,772	-0,107	0,276
CHR15	8124902	CHR15:8124902	SSF x Near_LoA	-8,430	0,119	0,276
CHR15	8125032	CHR15:8125032	SSF x Near_LoA	-8,954	-0,113	0,289
CHR15	8136773	CHR15:8136773	SSF x Near_LoA	-10,872	0,017	0,283
CHR15	8136824	CHR15:8136824	SSF x Near_LoA	-9,230	0,121	0,294
CHR15	8136857	CHR15:8136857	SSF x Near_LoA	-10,283	0,047	0,271
CHR15	8136931	CHR15:8136931	SSF x Near_LoA	-7,642	-0,046	0,280
CHR15	8136932	CHR15:8136932	SSF x Near_LoA	-6,775	-0,053	0,276

CHR15	8136954	CHR15:8136954	SSF x Near_LoA	-7,656	0,073	0,273
CHR15	8137076	CHR15:8137076	SSF x Near_LoA	-8,330	-0,076	0,283
CHR15	8144717	CHR15:8144717	SSF x Near_LoA	-9,149	0,013	0,287
CHR15	8144741	CHR15:8144741	SSF x Near_LoA	-6,598	0,111	0,293
CHR15	8144750	CHR15:8144750	SSF x Near_LoA	-6,276	0,124	0,297
CHR15	8144973	CHR15:8144973	SSF x Near_LoA	-8,603	-0,098	0,273
CHR15	8145021	CHR15:8145021	SSF x Near_LoA	-0,666	0,200	0,274
CHR15	8153973	CHR15:8153973	SSF x Near_LoA	-3,961	-0,188	0,266
CHR15	8166163	CHR15:8166163	SSF x Near_LoA	-9,217	-0,116	0,296
CHR15	8178029	CHR15:8178029	SSF x Near_LoA	-8,161	-0,024	0,301
CHR15	8178032	CHR15:8178032	SSF x Near_LoA	-8,051	-0,019	0,297
CHR15	8178036	CHR15:8178036	SSF x Near_LoA	-7,974	-0,004	0,298
CHR15	8178050	CHR15:8178050	SSF x Near_LoA	-7,049	-0,003	0,302
CHR15	8178055	CHR15:8178055	SSF x Near_LoA	-10,430	0,025	0,278
CHR15	8178062	CHR15:8178062	SSF x Near_LoA	-7,677	-0,014	0,305
CHR15	8178095	CHR15:8178095	SSF x Near_LoA	-7,555	0,019	0,303
CHR15	8178135	CHR15:8178135	SSF x Near_LoA	-7,755	0,005	0,299
CHR15	8179068	CHR15:8179068	SSF x Near_LoA	-8,106	-0,012	0,300
CHR15	8179072	CHR15:8179072	SSF x Near_LoA	-7,162	0,042	0,290
CHR15	8179074	CHR15:8179074	SSF x Near_LoA	-8,826	0,038	0,287
CHR15	8179103	CHR15:8179103	SSF x Near_LoA	-6,880	0,091	0,277
CHR15	8179118	CHR15:8179118	SSF x Near_LoA	-9,358	0,057	0,292
CHR15	8179153	CHR15:8179153	SSF x Near_LoA	-8,383	0,005	0,308
CHR15	8179169	CHR15:8179169	SSF x Near_LoA	-10,098	-0,081	0,281
CHR15	8179204	CHR15:8179204	SSF x Near_LoA	-8,100	0,064	0,288
CHR15	819786	CHR15:819786	SSF x Near_LoA	-8,424	0,104	0,290
CHR15	8217280	CHR15:8217280	SSF x Near_LoA	-7,008	0,098	0,285
CHR15	8227568	CHR15:8227568	SSF x Near_LoA	-6,602	-0,151	0,294
CHR15	8227613	CHR15:8227613	SSF x Near_LoA	-8,523	0,127	0,290
CHR15	8232926	CHR15:8232926	SSF x Near_LoA	-7,428	-0,008	0,285
CHR15	8232969	CHR15:8232969	SSF x Near_LoA	-10,231	-0,038	0,284
CHR15	8233058	CHR15:8233058	SSF x Near_LoA	-9,873	-0,066	0,289
CHR15	8239263	CHR15:8239263	SSF x Near_LoA	-6,340	0,188	0,276
CHR15	8240876	CHR15:8240876	SSF x Near_LoA	-9,710	0,047	0,277
CHR15	8240887	CHR15:8240887	SSF x Near_LoA	-8,301	-0,028	0,275
CHR15	8240896	CHR15:8240896	SSF x Near_LoA	-6,520	-0,028	0,286
CHR15	8242913	CHR15:8242913	SSF x Near_LoA	-8,656	0,040	0,286
CHR15	8243012	CHR15:8243012	SSF x Near_LoA	-7,815	0,011	0,288
CHR15	8243017	CHR15:8243017	SSF x Near_LoA	-7,922	0,032	0,299
CHR15	8243396	CHR15:8243396	SSF x Near_LoA	-5,267	0,197	0,284
CHR15	824409	CHR15:824409	SSF x Near_LoA	-8,470	0,054	0,287
CHR15	8246066	CHR15:8246066	SSF x Near_LoA	-9,768	0,069	0,274
CHR15	8246320	CHR15:8246320	SSF x Near_LoA	-6,149	-0,060	0,287
CHR15	8246323	CHR15:8246323	SSF x Near_LoA	-0,021	-0,039	0,292
CHR15	8246327	CHR15:8246327	SSF x Near_LoA	-9,915	-0,015	0,279
CHR15	8246343	CHR15:8246343	SSF x Near_LoA	-7,691	-0,057	0,283
CHR15	8246348	CHR15:8246348	SSF x Near_LoA	-6,729	-0,064	0,274
CHR15	825833	CHR15:825833	SSF x Near_LoA	-7,218	-0,113	0,277
CHR15	825837	CHR15:825837	SSF x Near_LoA	-8,331	-0,012	0,290
CHR15	8266603	CHR15:8266603	SSF x Near_LoA	-4,107	0,220	0,272
CHR15	8266618	CHR15:8266618	SSF x Near_LoA	-7,702	0,065	0,287
CHR15	8288393	CHR15:8288393	SSF x Near_LoA	-0,913	0,091	0,293
CHR15	8295768	CHR15:8295768	SSF x Near_LoA	-8,463	-0,152	0,272

CHR15	8295775	CHR15:8295775	SSF x Near_LoA	-8,292	-0,115	0,284
CHR15	8295795	CHR15:8295795	SSF x Near_LoA	-8,406	-0,147	0,282
CHR15	8295845	CHR15:8295845	SSF x Near_LoA	-8,410	-0,152	0,272
CHR15	8295870	CHR15:8295870	SSF x Near_LoA	-9,109	0,038	0,282
CHR15	8295961	CHR15:8295961	SSF x Near_LoA	-6,344	-0,162	0,277
CHR15	8303088	CHR15:8303088	SSF x Near_LoA	-8,480	0,000	0,288
CHR15	8303165	CHR15:8303165	SSF x Near_LoA	-7,972	0,125	0,284
CHR15	8303235	CHR15:8303235	SSF x Near_LoA	-9,280	0,019	0,287
CHR15	8303340	CHR15:8303340	SSF x Near_LoA	-7,758	0,013	0,295
CHR15	8304897	CHR15:8304897	SSF x Near_LoA	-7,593	-0,068	0,295
CHR15	8309941	CHR15:8309941	SSF x Near_LoA	-4,634	-0,180	0,278
CHR15	8309962	CHR15:8309962	SSF x Near_LoA	2,432	-0,192	0,279
CHR15	8309985	CHR15:8309985	SSF x Near_LoA	-6,248	-0,182	0,271
CHR15	8309993	CHR15:8309993	SSF x Near_LoA	-5,904	-0,160	0,285
CHR15	8310011	CHR15:8310011	SSF x Near_LoA	-7,095	-0,112	0,280
CHR15	8310093	CHR15:8310093	SSF x Near_LoA	-6,284	-0,127	0,275
CHR15	8310111	CHR15:8310111	SSF x Near_LoA	-4,775	-0,106	0,285
CHR15	8310125	CHR15:8310125	SSF x Near_LoA	-5,766	-0,163	0,276
CHR15	8310132	CHR15:8310132	SSF x Near_LoA	-7,387	-0,106	0,279
CHR15	8310139	CHR15:8310139	SSF x Near_LoA	-4,458	-0,129	0,282
CHR15	8310189	CHR15:8310189	SSF x Near_LoA	-5,369	-0,179	0,269
CHR15	8310193	CHR15:8310193	SSF x Near_LoA	-4,404	-0,145	0,274
CHR15	8310216	CHR15:8310216	SSF x Near_LoA	-5,651	-0,119	0,274
CHR15	8310265	CHR15:8310265	SSF x Near_LoA	-4,050	-0,218	0,256
CHR15	8331349	CHR15:8331349	SSF x Near_LoA	-7,114	0,077	0,276
CHR15	833669	CHR15:833669	SSF x Near_LoA	-6,925	0,009	0,300
CHR15	833952	CHR15:833952	SSF x Near_LoA	-8,062	0,109	0,285
CHR15	8352821	CHR15:8352821	SSF x Near_LoA	-6,590	0,083	0,283
CHR15	8352961	CHR15:8352961	SSF x Near_LoA	-10,491	0,108	0,275
CHR15	8352995	CHR15:8352995	SSF x Near_LoA	-10,837	0,002	0,287
CHR15	8353014	CHR15:8353014	SSF x Near_LoA	2,259	-0,258	0,266
CHR15	8353046	CHR15:8353046	SSF x Near_LoA	3,022	-0,324	0,253
CHR15	8353105	CHR15:8353105	SSF x Near_LoA	-6,309	-0,213	0,269
CHR15	8353108	CHR15:8353108	SSF x Near_LoA	-9,466	0,013	0,301
CHR15	8357469	CHR15:8357469	SSF x Near_LoA	-8,164	-0,110	0,277
CHR15	8357488	CHR15:8357488	SSF x Near_LoA	-7,375	-0,109	0,290
CHR15	8357490	CHR15:8357490	SSF x Near_LoA	-8,226	-0,090	0,284
CHR15	8357491	CHR15:8357491	SSF x Near_LoA	-3,934	-0,003	0,280
CHR15	8357578	CHR15:8357578	SSF x Near_LoA	-1,309	-0,115	0,289
CHR15	8357685	CHR15:8357685	SSF x Near_LoA	-8,316	0,027	0,286
CHR15	8357709	CHR15:8357709	SSF x Near_LoA	-8,506	-0,010	0,295
CHR15	8357711	CHR15:8357711	SSF x Near_LoA	-9,015	0,030	0,283
CHR15	8357746	CHR15:8357746	SSF x Near_LoA	-8,339	0,060	0,281
CHR15	8357781	CHR15:8357781	SSF x Near_LoA	-7,262	0,115	0,276
CHR15	8357784	CHR15:8357784	SSF x Near_LoA	-6,284	-0,009	0,289
CHR15	8363602	CHR15:8363602	SSF x Near_LoA	-6,145	-0,153	0,281
CHR15	8363626	CHR15:8363626	SSF x Near_LoA	-7,624	-0,104	0,279
CHR15	8363677	CHR15:8363677	SSF x Near_LoA	-8,037	-0,170	0,287
CHR15	8363717	CHR15:8363717	SSF x Near_LoA	-5,216	-0,058	0,286
CHR15	8363754	CHR15:8363754	SSF x Near_LoA	-7,400	-0,080	0,280
CHR15	8369302	CHR15:8369302	SSF x Near_LoA	-5,647	-0,057	0,289
CHR15	8369368	CHR15:8369368	SSF x Near_LoA	-2,325	0,045	0,291
CHR15	8369482	CHR15:8369482	SSF x Near_LoA	-8,612	-0,023	0,303

CHR15	8376414	CHR15:8376414	SSF x Near_LoA	-6,317	-0,148	0,294
CHR15	8377847	CHR15:8377847	SSF x Near_LoA	-10,169	0,026	0,266
CHR15	8377860	CHR15:8377860	SSF x Near_LoA	-7,746	-0,088	0,286
CHR15	8377949	CHR15:8377949	SSF x Near_LoA	-8,426	0,059	0,289
CHR15	8379616	CHR15:8379616	SSF x Near_LoA	-9,630	0,017	0,294
CHR15	8387709	CHR15:8387709	SSF x Near_LoA	-9,607	-0,005	0,283
CHR15	8387754	CHR15:8387754	SSF x Near_LoA	-7,370	0,163	0,271
CHR15	8387848	CHR15:8387848	SSF x Near_LoA	-3,460	-0,249	0,273
CHR15	8387964	CHR15:8387964	SSF x Near_LoA	-8,705	0,048	0,287
CHR15	8387985	CHR15:8387985	SSF x Near_LoA	-6,756	0,065	0,287
CHR15	8394554	CHR15:8394554	SSF x Near_LoA	-2,007	0,090	0,279
CHR15	8394569	CHR15:8394569	SSF x Near_LoA	-4,426	-0,191	0,278
CHR15	8394570	CHR15:8394570	SSF x Near_LoA	-4,793	-0,188	0,286
CHR15	8415718	CHR15:8415718	SSF x Near_LoA	-6,632	0,142	0,282
CHR15	8415905	CHR15:8415905	SSF x Near_LoA	-9,026	0,114	0,272
CHR15	8415964	CHR15:8415964	SSF x Near_LoA	-7,321	-0,123	0,293
CHR15	8416016	CHR15:8416016	SSF x Near_LoA	-7,630	0,062	0,299
CHR15	8427021	CHR15:8427021	SSF x Near_LoA	-5,742	-0,109	0,281
CHR15	8427131	CHR15:8427131	SSF x Near_LoA	-7,479	-0,019	0,275
CHR15	8427237	CHR15:8427237	SSF x Near_LoA	-5,835	0,004	0,287
CHR15	8429517	CHR15:8429517	SSF x Near_LoA	-7,847	0,139	0,274
CHR15	8429542	CHR15:8429542	SSF x Near_LoA	-9,991	0,040	0,277
CHR15	8429608	CHR15:8429608	SSF x Near_LoA	-6,100	0,188	0,287
CHR15	8429619	CHR15:8429619	SSF x Near_LoA	-6,705	0,202	0,275
CHR15	8441515	CHR15:8441515	SSF x Near_LoA	-7,810	0,180	0,281
CHR15	8459680	CHR15:8459680	SSF x Near_LoA	-8,459	0,000	0,283
CHR15	8459904	CHR15:8459904	SSF x Near_LoA	-7,525	-0,074	0,277
CHR15	8466537	CHR15:8466537	SSF x Near_LoA	-9,787	0,124	0,287
CHR15	8476557	CHR15:8476557	SSF x Near_LoA	-9,121	0,036	0,295
CHR15	8476686	CHR15:8476686	SSF x Near_LoA	-9,709	0,031	0,272
CHR15	847801	CHR15:847801	SSF x Near_LoA	-9,715	0,033	0,296
CHR15	848002	CHR15:848002	SSF x Near_LoA	-9,182	-0,006	0,262
CHR15	848070	CHR15:848070	SSF x Near_LoA	-9,744	0,020	0,281
CHR15	8491300	CHR15:8491300	SSF x Near_LoA	1,509	0,257	0,269
CHR15	8506038	CHR15:8506038	SSF x Near_LoA	-8,899	0,094	0,284
CHR15	8506069	CHR15:8506069	SSF x Near_LoA	-10,951	-0,014	0,268
CHR15	8507934	CHR15:8507934	SSF x Near_LoA	-3,374	0,195	0,263
CHR15	8514153	CHR15:8514153	SSF x Near_LoA	-7,660	0,090	0,273
CHR15	8526295	CHR15:8526295	SSF x Near_LoA	-7,947	0,113	0,295
CHR15	853300	CHR15:853300	SSF x Near_LoA	-8,676	-0,024	0,274
CHR15	855031	CHR15:855031	SSF x Near_LoA	-8,510	-0,107	0,286
CHR15	8572025	CHR15:8572025	SSF x Near_LoA	-2,885	0,256	0,262
CHR15	8611372	CHR15:8611372	SSF x Near_LoA	4,905	0,158	0,281
CHR15	8612680	CHR15:8612680	SSF x Near_LoA	-4,825	-0,238	0,265
CHR15	8634333	CHR15:8634333	SSF x Near_LoA	-8,503	-0,131	0,300
CHR15	8634485	CHR15:8634485	SSF x Near_LoA	-7,456	0,209	0,265
CHR15	8634579	CHR15:8634579	SSF x Near_LoA	-8,716	0,007	0,291
CHR15	8645700	CHR15:8645700	SSF x Near_LoA	-10,245	0,068	0,276
CHR15	8705752	CHR15:8705752	SSF x Near_LoA	-7,037	-0,073	0,291
CHR15	8706072	CHR15:8706072	SSF x Near_LoA	-6,060	-0,147	0,272
CHR15	8708146	CHR15:8708146	SSF x Near_LoA	-8,430	0,050	0,283
CHR15	8708227	CHR15:8708227	SSF x Near_LoA	-8,289	-0,090	0,263
CHR15	8709875	CHR15:8709875	SSF x Near_LoA	-7,505	0,039	0,290

CHR15	8710003	CHR15:8710003	SSF x Near_LoA	-6,932	-0,014	0,299
CHR15	8710013	CHR15:8710013	SSF x Near_LoA	-5,781	0,091	0,283
CHR15	8714573	CHR15:8714573	SSF x Near_LoA	-4,890	-0,145	0,283
CHR15	8716806	CHR15:8716806	SSF x Near_LoA	-6,119	-0,022	0,294
CHR15	8717029	CHR15:8717029	SSF x Near_LoA	-4,791	-0,138	0,292
CHR15	8724251	CHR15:8724251	SSF x Near_LoA	-5,661	0,165	0,291
CHR15	8724318	CHR15:8724318	SSF x Near_LoA	-6,764	-0,109	0,300
CHR15	8724336	CHR15:8724336	SSF x Near_LoA	-6,751	-0,115	0,293
CHR15	8724401	CHR15:8724401	SSF x Near_LoA	-5,471	-0,169	0,277
CHR15	8743425	CHR15:8743425	SSF x Near_LoA	-7,034	-0,059	0,289
CHR15	8743665	CHR15:8743665	SSF x Near_LoA	-9,666	-0,015	0,281
CHR15	8754967	CHR15:8754967	SSF x Near_LoA	-9,963	0,019	0,284
CHR15	8757215	CHR15:8757215	SSF x Near_LoA	-8,683	0,066	0,284
CHR15	8757323	CHR15:8757323	SSF x Near_LoA	-2,521	-0,158	0,280
CHR15	8764711	CHR15:8764711	SSF x Near_LoA	-4,862	-0,107	0,273
CHR15	8764799	CHR15:8764799	SSF x Near_LoA	-7,904	0,021	0,290
CHR15	8764899	CHR15:8764899	SSF x Near_LoA	-9,495	0,093	0,283
CHR15	8765007	CHR15:8765007	SSF x Near_LoA	-8,927	0,099	0,282
CHR15	8766895	CHR15:8766895	SSF x Near_LoA	-10,515	-0,004	0,280
CHR15	8767113	CHR15:8767113	SSF x Near_LoA	0,167	-0,035	0,279
CHR15	8777563	CHR15:8777563	SSF x Near_LoA	-8,543	0,023	0,288
CHR15	8777797	CHR15:8777797	SSF x Near_LoA	-6,893	-0,091	0,285
CHR15	8777814	CHR15:8777814	SSF x Near_LoA	-9,618	-0,076	0,285
CHR15	8777878	CHR15:8777878	SSF x Near_LoA	-8,295	0,076	0,281
CHR15	8777940	CHR15:8777940	SSF x Near_LoA	-7,926	0,079	0,299
CHR15	8777943	CHR15:8777943	SSF x Near_LoA	-5,121	-0,193	0,261
CHR15	8793744	CHR15:8793744	SSF x Near_LoA	-3,339	-0,165	0,293
CHR15	8793949	CHR15:8793949	SSF x Near_LoA	-5,429	0,158	0,263
CHR15	8793967	CHR15:8793967	SSF x Near_LoA	-7,754	0,085	0,297
CHR15	8793982	CHR15:8793982	SSF x Near_LoA	-5,044	-0,111	0,295
CHR15	8794008	CHR15:8794008	SSF x Near_LoA	-5,108	-0,035	0,278
CHR15	8804606	CHR15:8804606	SSF x Near_LoA	-9,077	0,039	0,302
CHR15	8804653	CHR15:8804653	SSF x Near_LoA	-9,855	0,113	0,291
CHR15	8804788	CHR15:8804788	SSF x Near_LoA	-1,135	0,234	0,272
CHR15	8828159	CHR15:8828159	SSF x Near_LoA	-5,597	-0,146	0,281
CHR15	8828195	CHR15:8828195	SSF x Near_LoA	-9,091	-0,095	0,277
CHR15	8828275	CHR15:8828275	SSF x Near_LoA	-8,404	-0,051	0,292
CHR15	8832055	CHR15:8832055	SSF x Near_LoA	-7,315	0,027	0,291
CHR15	8834715	CHR15:8834715	SSF x Near_LoA	-8,955	-0,040	0,280
CHR15	8834738	CHR15:8834738	SSF x Near_LoA	-3,417	0,133	0,284
CHR15	8834779	CHR15:8834779	SSF x Near_LoA	-9,637	-0,016	0,291
CHR15	8835720	CHR15:8835720	SSF x Near_LoA	-4,442	0,160	0,285
CHR15	8835813	CHR15:8835813	SSF x Near_LoA	-7,693	0,053	0,292
CHR15	8835815	CHR15:8835815	SSF x Near_LoA	-8,551	0,022	0,289
CHR15	883624	CHR15:883624	SSF x Near_LoA	-8,273	-0,043	0,287
CHR15	883633	CHR15:883633	SSF x Near_LoA	-8,204	-0,002	0,282
CHR15	8847824	CHR15:8847824	SSF x Near_LoA	-3,480	-0,152	0,284
CHR15	8847825	CHR15:8847825	SSF x Near_LoA	-8,199	-0,040	0,293
CHR15	8847870	CHR15:8847870	SSF x Near_LoA	4,031	-0,074	0,287
CHR15	8847917	CHR15:8847917	SSF x Near_LoA	-6,917	0,013	0,277
CHR15	8847960	CHR15:8847960	SSF x Near_LoA	-6,394	-0,204	0,279
CHR15	8847969	CHR15:8847969	SSF x Near_LoA	-4,917	-0,073	0,294
CHR15	8848009	CHR15:8848009	SSF x Near_LoA	-4,390	-0,251	0,276

CHR15	8848014	CHR15:8848014	SSF x Near_LoA	-9,524	0,020	0,276
CHR15	8848053	CHR15:8848053	SSF x Near_LoA	-8,837	0,019	0,284
CHR15	8848055	CHR15:8848055	SSF x Near_LoA	-6,189	0,029	0,299
CHR15	8848057	CHR15:8848057	SSF x Near_LoA	-7,677	-0,097	0,294
CHR15	8848065	CHR15:8848065	SSF x Near_LoA	-7,707	0,159	0,283
CHR15	8856592	CHR15:8856592	SSF x Near_LoA	-7,703	0,035	0,282
CHR15	8856605	CHR15:8856605	SSF x Near_LoA	-7,469	0,088	0,279
CHR15	8856654	CHR15:8856654	SSF x Near_LoA	-1,900	0,139	0,284
CHR15	8860346	CHR15:8860346	SSF x Near_LoA	-7,996	-0,067	0,292
CHR15	8860434	CHR15:8860434	SSF x Near_LoA	-7,323	0,032	0,295
CHR15	886539	CHR15:886539	SSF x Near_LoA	-10,888	0,009	0,276
CHR15	8866792	CHR15:8866792	SSF x Near_LoA	-9,978	-0,067	0,286
CHR15	8866800	CHR15:8866800	SSF x Near_LoA	-10,092	-0,050	0,301
CHR15	8867137	CHR15:8867137	SSF x Near_LoA	-8,386	0,109	0,292
CHR15	8867209	CHR15:8867209	SSF x Near_LoA	-9,613	-0,078	0,287
CHR15	8880533	CHR15:8880533	SSF x Near_LoA	-8,560	0,023	0,287
CHR15	8880551	CHR15:8880551	SSF x Near_LoA	-9,264	0,025	0,281
CHR15	8915689	CHR15:8915689	SSF x Near_LoA	-9,136	-0,038	0,276
CHR15	8915893	CHR15:8915893	SSF x Near_LoA	-5,464	-0,178	0,281
CHR15	8916694	CHR15:8916694	SSF x Near_LoA	-6,833	-0,075	0,278
CHR15	8916754	CHR15:8916754	SSF x Near_LoA	-8,988	-0,086	0,267
CHR15	8919866	CHR15:8919866	SSF x Near_LoA	-9,548	0,032	0,291
CHR15	8929896	CHR15:8929896	SSF x Near_LoA	-8,155	-0,070	0,283
CHR15	8936544	CHR15:8936544	SSF x Near_LoA	-7,385	0,083	0,277
CHR15	8936602	CHR15:8936602	SSF x Near_LoA	-7,619	0,000	0,282
CHR15	8936637	CHR15:8936637	SSF x Near_LoA	-7,311	-0,096	0,277
CHR15	8936688	CHR15:8936688	SSF x Near_LoA	-8,735	-0,144	0,277
CHR15	8940700	CHR15:8940700	SSF x Near_LoA	-7,014	-0,022	0,275
CHR15	8940742	CHR15:8940742	SSF x Near_LoA	-7,317	-0,032	0,283
CHR15	8940852	CHR15:8940852	SSF x Near_LoA	-8,071	-0,071	0,271
CHR15	8952100	CHR15:8952100	SSF x Near_LoA	-9,533	0,097	0,286
CHR15	8952180	CHR15:8952180	SSF x Near_LoA	-4,557	-0,195	0,282
CHR15	8952387	CHR15:8952387	SSF x Near_LoA	-9,804	0,014	0,300
CHR15	8956343	CHR15:8956343	SSF x Near_LoA	-7,527	-0,051	0,298
CHR15	8956404	CHR15:8956404	SSF x Near_LoA	-7,677	-0,105	0,284
CHR15	8959878	CHR15:8959878	SSF x Near_LoA	-8,216	-0,082	0,291
CHR15	8959885	CHR15:8959885	SSF x Near_LoA	-3,578	0,110	0,295
CHR15	8959890	CHR15:8959890	SSF x Near_LoA	-8,622	-0,018	0,281
CHR15	8991248	CHR15:8991248	SSF x Near_LoA	-9,603	0,062	0,289
CHR15	8992514	CHR15:8992514	SSF x Near_LoA	-8,909	-0,092	0,293
CHR15	8992696	CHR15:8992696	SSF x Near_LoA	-10,197	-0,083	0,274
CHR15	9001984	CHR15:9001984	SSF x Near_LoA	-6,136	0,147	0,273
CHR15	9009110	CHR15:9009110	SSF x Near_LoA	-6,944	-0,202	0,289
CHR15	9013120	CHR15:9013120	SSF x Near_LoA	-7,852	-0,018	0,309
CHR15	9013136	CHR15:9013136	SSF x Near_LoA	-7,240	0,053	0,294
CHR15	9013268	CHR15:9013268	SSF x Near_LoA	-8,437	0,107	0,283
CHR15	9013292	CHR15:9013292	SSF x Near_LoA	-8,977	-0,004	0,263
CHR15	9022433	CHR15:9022433	SSF x Near_LoA	-6,156	0,030	0,295
CHR15	9022464	CHR15:9022464	SSF x Near_LoA	-4,977	0,061	0,292
CHR15	9027898	CHR15:9027898	SSF x Near_LoA	-8,032	-0,001	0,282
CHR15	9043993	CHR15:9043993	SSF x Near_LoA	-6,734	0,061	0,294
CHR15	9044039	CHR15:9044039	SSF x Near_LoA	-4,484	0,049	0,297
CHR15	9044069	CHR15:9044069	SSF x Near_LoA	-9,184	0,049	0,287

CHR15	9044154	CHR15:9044154	SSF x Near_LoA	-9,926	0,040	0,285
CHR15	9055446	CHR15:9055446	SSF x Near_LoA	-8,260	-0,118	0,279
CHR15	9065192	CHR15:9065192	SSF x Near_LoA	-9,383	0,042	0,285
CHR15	9065251	CHR15:9065251	SSF x Near_LoA	-9,486	0,000	0,283
CHR15	9065306	CHR15:9065306	SSF x Near_LoA	-9,240	0,047	0,285
CHR15	9065316	CHR15:9065316	SSF x Near_LoA	-8,117	-0,124	0,279
CHR15	9065321	CHR15:9065321	SSF x Near_LoA	-10,530	-0,002	0,283
CHR15	9065344	CHR15:9065344	SSF x Near_LoA	-9,732	0,032	0,292
CHR15	9065415	CHR15:9065415	SSF x Near_LoA	-8,608	-0,082	0,281
CHR15	9065477	CHR15:9065477	SSF x Near_LoA	-8,686	0,080	0,285
CHR15	9065515	CHR15:9065515	SSF x Near_LoA	-10,014	0,027	0,285
CHR15	9065540	CHR15:9065540	SSF x Near_LoA	-4,214	0,248	0,281
CHR15	9071811	CHR15:9071811	SSF x Near_LoA	-6,688	-0,040	0,297
CHR15	9071907	CHR15:9071907	SSF x Near_LoA	-7,757	0,045	0,286
CHR15	9071914	CHR15:9071914	SSF x Near_LoA	-7,312	-0,169	0,285
CHR15	9071947	CHR15:9071947	SSF x Near_LoA	-8,680	0,059	0,285
CHR15	9071967	CHR15:9071967	SSF x Near_LoA	-7,570	-0,082	0,296
CHR15	9071975	CHR15:9071975	SSF x Near_LoA	-7,352	-0,069	0,295
CHR15	9071977	CHR15:9071977	SSF x Near_LoA	-7,198	-0,071	0,301
CHR15	9071982	CHR15:9071982	SSF x Near_LoA	-4,859	-0,040	0,292
CHR15	9071988	CHR15:9071988	SSF x Near_LoA	-5,612	-0,073	0,286
CHR15	9073671	CHR15:9073671	SSF x Near_LoA	-8,248	-0,015	0,285
CHR15	9074181	CHR15:9074181	SSF x Near_LoA	-9,526	0,061	0,272
CHR15	9074222	CHR15:9074222	SSF x Near_LoA	-8,798	0,073	0,275
CHR15	9116485	CHR15:9116485	SSF x Near_LoA	-7,926	-0,055	0,290
CHR15	9123542	CHR15:9123542	SSF x Near_LoA	-9,320	0,036	0,275
CHR15	9123611	CHR15:9123611	SSF x Near_LoA	-6,811	-0,060	0,286
CHR15	913132	CHR15:913132	SSF x Near_LoA	-5,936	-0,119	0,271
CHR15	919665	CHR15:919665	SSF x Near_LoA	-10,291	-0,095	0,287
CHR15	9197400	CHR15:9197400	SSF x Near_LoA	-3,578	-0,128	0,287
CHR15	9233550	CHR15:9233550	SSF x Near_LoA	-10,673	-0,043	0,277
CHR15	9249568	CHR15:9249568	SSF x Near_LoA	-10,421	0,018	0,286
CHR15	9261057	CHR15:9261057	SSF x Near_LoA	-6,544	-0,127	0,287
CHR15	9261275	CHR15:9261275	SSF x Near_LoA	-6,796	-0,049	0,285
CHR15	927513	CHR15:927513	SSF x Near_LoA	-3,147	0,009	0,293
CHR15	927548	CHR15:927548	SSF x Near_LoA	-7,202	0,133	0,267
CHR15	929087	CHR15:929087	SSF x Near_LoA	-9,104	-0,057	0,292
CHR15	929137	CHR15:929137	SSF x Near_LoA	-9,134	-0,013	0,292
CHR15	9295129	CHR15:9295129	SSF x Near_LoA	-9,267	-0,064	0,290
CHR15	9305718	CHR15:9305718	SSF x Near_LoA	-7,757	0,076	0,264
CHR15	9336748	CHR15:9336748	SSF x Near_LoA	-7,968	-0,093	0,298
CHR15	9336825	CHR15:9336825	SSF x Near_LoA	-8,984	0,072	0,279
CHR15	9336951	CHR15:9336951	SSF x Near_LoA	-4,559	0,066	0,300
CHR15	9338908	CHR15:9338908	SSF x Near_LoA	-7,615	-0,004	0,292
CHR15	9341608	CHR15:9341608	SSF x Near_LoA	-6,204	0,096	0,277
CHR15	9341682	CHR15:9341682	SSF x Near_LoA	-8,493	-0,067	0,283
CHR15	9342633	CHR15:9342633	SSF x Near_LoA	-7,963	0,071	0,281
CHR15	9348058	CHR15:9348058	SSF x Near_LoA	-7,179	-0,014	0,294
CHR15	9348112	CHR15:9348112	SSF x Near_LoA	-6,292	-0,135	0,284
CHR15	9348184	CHR15:9348184	SSF x Near_LoA	-6,321	-0,027	0,263
CHR15	9348289	CHR15:9348289	SSF x Near_LoA	-9,736	-0,055	0,291
CHR15	9348406	CHR15:9348406	SSF x Near_LoA	-7,072	-0,142	0,283
CHR15	9381397	CHR15:9381397	SSF x Near_LoA	-6,719	0,081	0,303

CHR15	9383192	CHR15:9383192	SSF x Near_LoA	-8,043	-0,012	0,278
CHR15	9383289	CHR15:9383289	SSF x Near_LoA	-9,314	0,077	0,292
CHR15	9383313	CHR15:9383313	SSF x Near_LoA	-6,895	-0,075	0,282
CHR15	9385759	CHR15:9385759	SSF x Near_LoA	-7,011	0,084	0,288
CHR15	9387323	CHR15:9387323	SSF x Near_LoA	-10,029	-0,068	0,282
CHR15	9387328	CHR15:9387328	SSF x Near_LoA	-8,121	-0,014	0,281
CHR15	9387363	CHR15:9387363	SSF x Near_LoA	-7,574	0,012	0,276
CHR15	9387407	CHR15:9387407	SSF x Near_LoA	-8,253	-0,019	0,292
CHR15	9387418	CHR15:9387418	SSF x Near_LoA	-8,190	0,028	0,292
CHR15	9387420	CHR15:9387420	SSF x Near_LoA	-8,173	-0,018	0,294
CHR15	9387421	CHR15:9387421	SSF x Near_LoA	-7,645	0,001	0,297
CHR15	9387436	CHR15:9387436	SSF x Near_LoA	-6,670	-0,023	0,287
CHR15	9387477	CHR15:9387477	SSF x Near_LoA	-6,991	-0,090	0,297
CHR15	9387539	CHR15:9387539	SSF x Near_LoA	-7,817	0,066	0,283
CHR15	9387542	CHR15:9387542	SSF x Near_LoA	-9,414	-0,045	0,276
CHR15	9391827	CHR15:9391827	SSF x Near_LoA	-8,468	-0,030	0,276
CHR15	9391829	CHR15:9391829	SSF x Near_LoA	-8,768	-0,144	0,274
CHR15	9391915	CHR15:9391915	SSF x Near_LoA	-7,525	-0,022	0,302
CHR15	9391917	CHR15:9391917	SSF x Near_LoA	-7,056	-0,016	0,300
CHR15	9391919	CHR15:9391919	SSF x Near_LoA	-8,387	0,021	0,292
CHR15	9417454	CHR15:9417454	SSF x Near_LoA	-9,309	0,080	0,275
CHR15	9417635	CHR15:9417635	SSF x Near_LoA	-10,029	-0,042	0,290
CHR15	9421148	CHR15:9421148	SSF x Near_LoA	-4,544	-0,130	0,278
CHR15	9421228	CHR15:9421228	SSF x Near_LoA	-9,425	-0,021	0,283
CHR15	9421265	CHR15:9421265	SSF x Near_LoA	-6,911	-0,131	0,293
CHR15	9421369	CHR15:9421369	SSF x Near_LoA	-5,874	0,218	0,274
CHR15	9424825	CHR15:9424825	SSF x Near_LoA	-8,780	0,097	0,279
CHR15	9432149	CHR15:9432149	SSF x Near_LoA	-6,937	0,047	0,286
CHR15	9432152	CHR15:9432152	SSF x Near_LoA	-4,904	0,043	0,288
CHR15	9446408	CHR15:9446408	SSF x Near_LoA	-8,152	0,052	0,265
CHR15	9446539	CHR15:9446539	SSF x Near_LoA	-9,231	-0,004	0,288
CHR15	9448348	CHR15:9448348	SSF x Near_LoA	-7,297	-0,061	0,272
CHR15	9448394	CHR15:9448394	SSF x Near_LoA	-5,901	0,057	0,293
CHR15	945150	CHR15:945150	SSF x Near_LoA	-5,377	-0,163	0,280
CHR15	945153	CHR15:945153	SSF x Near_LoA	1,992	0,197	0,272
CHR15	945213	CHR15:945213	SSF x Near_LoA	-8,341	0,035	0,286
CHR15	945360	CHR15:945360	SSF x Near_LoA	-0,224	0,238	0,281
CHR15	9459566	CHR15:9459566	SSF x Near_LoA	-10,945	-0,016	0,293
CHR15	9459608	CHR15:9459608	SSF x Near_LoA	-7,752	0,002	0,292
CHR15	9459639	CHR15:9459639	SSF x Near_LoA	-4,502	-0,132	0,271
CHR15	9459656	CHR15:9459656	SSF x Near_LoA	-3,511	0,150	0,286
CHR15	9459693	CHR15:9459693	SSF x Near_LoA	-8,642	0,010	0,271
CHR15	9459750	CHR15:9459750	SSF x Near_LoA	-9,179	0,053	0,289
CHR15	9459769	CHR15:9459769	SSF x Near_LoA	-8,594	0,017	0,291
CHR15	9475108	CHR15:9475108	SSF x Near_LoA	-8,455	-0,014	0,283
CHR15	9475122	CHR15:9475122	SSF x Near_LoA	-8,393	-0,031	0,293
CHR15	9475211	CHR15:9475211	SSF x Near_LoA	-7,842	-0,008	0,287
CHR15	9475223	CHR15:9475223	SSF x Near_LoA	-9,025	0,149	0,282
CHR15	9475225	CHR15:9475225	SSF x Near_LoA	-9,889	0,027	0,295
CHR15	9475263	CHR15:9475263	SSF x Near_LoA	-8,846	-0,070	0,278
CHR15	9475298	CHR15:9475298	SSF x Near_LoA	-0,573	-0,097	0,288
CHR15	9475480	CHR15:9475480	SSF x Near_LoA	-9,639	-0,055	0,289
CHR15	9475492	CHR15:9475492	SSF x Near_LoA	-6,626	0,107	0,284

CHR15	9482524	CHR15:9482524	SSF x Near_LoA	-8,563	0,122	0,288
CHR15	9482528	CHR15:9482528	SSF x Near_LoA	-7,408	0,073	0,277
CHR15	9482618	CHR15:9482618	SSF x Near_LoA	-6,280	-0,063	0,285
CHR15	9490805	CHR15:9490805	SSF x Near_LoA	-10,944	-0,015	0,282
CHR15	9491120	CHR15:9491120	SSF x Near_LoA	-6,669	-0,045	0,282
CHR15	9492971	CHR15:9492971	SSF x Near_LoA	-5,669	-0,130	0,284
CHR15	9493010	CHR15:9493010	SSF x Near_LoA	-5,878	-0,166	0,301
CHR15	9493039	CHR15:9493039	SSF x Near_LoA	-6,512	-0,171	0,267
CHR15	9495671	CHR15:9495671	SSF x Near_LoA	-7,632	-0,124	0,276
CHR15	9495684	CHR15:9495684	SSF x Near_LoA	-8,585	-0,149	0,276
CHR15	9495790	CHR15:9495790	SSF x Near_LoA	-7,657	0,096	0,285
CHR15	9514517	CHR15:9514517	SSF x Near_LoA	-10,167	-0,082	0,287
CHR15	9514540	CHR15:9514540	SSF x Near_LoA	-7,255	-0,119	0,281
CHR15	9514567	CHR15:9514567	SSF x Near_LoA	-6,235	0,119	0,304
CHR15	9514573	CHR15:9514573	SSF x Near_LoA	-9,236	0,129	0,270
CHR15	9514575	CHR15:9514575	SSF x Near_LoA	-5,755	-0,113	0,300
CHR15	9514581	CHR15:9514581	SSF x Near_LoA	-4,828	-0,126	0,288
CHR15	9516162	CHR15:9516162	SSF x Near_LoA	-8,379	0,074	0,288
CHR15	9517950	CHR15:9517950	SSF x Near_LoA	-7,699	-0,149	0,273
CHR15	9523641	CHR15:9523641	SSF x Near_LoA	-3,857	0,157	0,274
CHR15	9523808	CHR15:9523808	SSF x Near_LoA	-7,768	0,119	0,282
CHR15	9523826	CHR15:9523826	SSF x Near_LoA	-5,699	-0,173	0,278
CHR15	9523827	CHR15:9523827	SSF x Near_LoA	-4,520	-0,170	0,298
CHR15	9523867	CHR15:9523867	SSF x Near_LoA	-8,999	-0,086	0,291
CHR15	9524087	CHR15:9524087	SSF x Near_LoA	-7,602	-0,076	0,290
CHR15	952589	CHR15:952589	SSF x Near_LoA	-8,575	0,089	0,275
CHR15	952865	CHR15:952865	SSF x Near_LoA	-7,893	0,031	0,283
CHR15	9530309	CHR15:9530309	SSF x Near_LoA	-6,723	-0,141	0,298
CHR15	9530413	CHR15:9530413	SSF x Near_LoA	-8,838	0,027	0,289
CHR15	9540818	CHR15:9540818	SSF x Near_LoA	-7,448	-0,008	0,298
CHR15	9564750	CHR15:9564750	SSF x Near_LoA	-9,625	-0,069	0,286
CHR15	9564789	CHR15:9564789	SSF x Near_LoA	-9,396	-0,072	0,289
CHR15	9564849	CHR15:9564849	SSF x Near_LoA	-7,977	0,021	0,307
CHR15	9564873	CHR15:9564873	SSF x Near_LoA	-4,409	-0,137	0,285
CHR15	9565123	CHR15:9565123	SSF x Near_LoA	-11,561	0,032	0,288
CHR15	9578472	CHR15:9578472	SSF x Near_LoA	-10,182	0,032	0,275
CHR15	9578526	CHR15:9578526	SSF x Near_LoA	-10,996	-0,008	0,282
CHR15	9578595	CHR15:9578595	SSF x Near_LoA	-3,245	0,055	0,285
CHR15	9578604	CHR15:9578604	SSF x Near_LoA	-7,751	-0,028	0,300
CHR15	9578607	CHR15:9578607	SSF x Near_LoA	-8,093	-0,099	0,276
CHR15	9578667	CHR15:9578667	SSF x Near_LoA	-8,523	-0,136	0,279
CHR15	9578758	CHR15:9578758	SSF x Near_LoA	-6,377	-0,094	0,280
CHR15	9586502	CHR15:9586502	SSF x Near_LoA	-8,932	0,057	0,295
CHR15	9596031	CHR15:9596031	SSF x Near_LoA	-10,341	0,027	0,296
CHR15	9596111	CHR15:9596111	SSF x Near_LoA	-9,140	0,003	0,284
CHR15	9596112	CHR15:9596112	SSF x Near_LoA	-7,462	-0,092	0,283
CHR15	9596146	CHR15:9596146	SSF x Near_LoA	-8,942	-0,006	0,274
CHR15	9596151	CHR15:9596151	SSF x Near_LoA	-8,268	-0,039	0,275
CHR15	9599463	CHR15:9599463	SSF x Near_LoA	-7,418	-0,074	0,294
CHR15	9600424	CHR15:9600424	SSF x Near_LoA	-6,492	0,097	0,279
CHR15	9600474	CHR15:9600474	SSF x Near_LoA	-8,179	-0,016	0,281
CHR15	9600588	CHR15:9600588	SSF x Near_LoA	-9,275	0,065	0,300
CHR15	9607313	CHR15:9607313	SSF x Near_LoA	-4,456	-0,135	0,276

CHR15	9607380	CHR15:9607380	SSF x Near_LoA	-9,751	0,064	0,293
CHR15	9607466	CHR15:9607466	SSF x Near_LoA	-8,526	-0,124	0,288
CHR15	9607516	CHR15:9607516	SSF x Near_LoA	-6,060	-0,157	0,280
CHR15	9607548	CHR15:9607548	SSF x Near_LoA	-6,402	0,139	0,280
CHR15	9607600	CHR15:9607600	SSF x Near_LoA	-6,761	-0,003	0,292
CHR15	9611260	CHR15:9611260	SSF x Near_LoA	-7,823	-0,002	0,272
CHR15	9629135	CHR15:9629135	SSF x Near_LoA	-7,351	-0,076	0,273
CHR15	9629184	CHR15:9629184	SSF x Near_LoA	-9,463	-0,095	0,296
CHR15	9629265	CHR15:9629265	SSF x Near_LoA	-7,593	0,128	0,286
CHR15	9629378	CHR15:9629378	SSF x Near_LoA	-9,530	-0,014	0,288
CHR15	9630086	CHR15:9630086	SSF x Near_LoA	-6,636	-0,093	0,291
CHR15	9630112	CHR15:9630112	SSF x Near_LoA	-4,683	-0,137	0,286
CHR15	9630123	CHR15:9630123	SSF x Near_LoA	-5,723	-0,130	0,297
CHR15	9630126	CHR15:9630126	SSF x Near_LoA	-4,325	-0,123	0,281
CHR15	9634634	CHR15:9634634	SSF x Near_LoA	-8,938	-0,062	0,276
CHR15	9640112	CHR15:9640112	SSF x Near_LoA	-9,341	-0,081	0,291
CHR15	9640149	CHR15:9640149	SSF x Near_LoA	-10,395	-0,049	0,286
CHR15	9640347	CHR15:9640347	SSF x Near_LoA	-8,374	0,030	0,279
CHR15	9648695	CHR15:9648695	SSF x Near_LoA	-8,552	0,036	0,291
CHR15	9653526	CHR15:9653526	SSF x Near_LoA	-3,436	0,198	0,280
CHR15	9653609	CHR15:9653609	SSF x Near_LoA	-6,013	0,155	0,274
CHR15	9653637	CHR15:9653637	SSF x Near_LoA	-1,817	0,210	0,276
CHR15	9653741	CHR15:9653741	SSF x Near_LoA	-7,781	0,119	0,290
CHR15	9655322	CHR15:9655322	SSF x Near_LoA	-9,150	0,115	0,271
CHR15	9660127	CHR15:9660127	SSF x Near_LoA	-10,151	0,066	0,286
CHR15	9660152	CHR15:9660152	SSF x Near_LoA	-9,396	-0,070	0,295
CHR15	9660170	CHR15:9660170	SSF x Near_LoA	-6,706	-0,121	0,267
CHR15	9660213	CHR15:9660213	SSF x Near_LoA	-7,790	0,042	0,284
CHR15	9660316	CHR15:9660316	SSF x Near_LoA	-8,413	0,021	0,279
CHR15	9660397	CHR15:9660397	SSF x Near_LoA	-7,116	0,176	0,284
CHR15	9672197	CHR15:9672197	SSF x Near_LoA	-8,981	0,052	0,282
CHR15	9672200	CHR15:9672200	SSF x Near_LoA	-8,735	0,083	0,278
CHR15	9703335	CHR15:9703335	SSF x Near_LoA	-7,007	0,067	0,289
CHR15	9704159	CHR15:9704159	SSF x Near_LoA	-3,928	-0,150	0,278
CHR15	9704225	CHR15:9704225	SSF x Near_LoA	-7,359	-0,053	0,286
CHR15	9704266	CHR15:9704266	SSF x Near_LoA	-9,093	0,080	0,279
CHR15	9704300	CHR15:9704300	SSF x Near_LoA	-10,465	-0,007	0,276
CHR15	9704316	CHR15:9704316	SSF x Near_LoA	-5,538	-0,111	0,297
CHR15	9707959	CHR15:9707959	SSF x Near_LoA	-10,468	0,070	0,279
CHR15	9708009	CHR15:9708009	SSF x Near_LoA	-7,968	-0,142	0,278
CHR15	9729724	CHR15:9729724	SSF x Near_LoA	-9,130	-0,099	0,269
CHR15	9744768	CHR15:9744768	SSF x Near_LoA	-8,302	0,117	0,299
CHR15	9754883	CHR15:9754883	SSF x Near_LoA	-8,876	-0,021	0,285
CHR15	9759885	CHR15:9759885	SSF x Near_LoA	-10,142	0,039	0,289
CHR15	9777106	CHR15:9777106	SSF x Near_LoA	-5,696	-0,134	0,287
CHR15	980718	CHR15:980718	SSF x Near_LoA	-7,445	0,036	0,276
CHR15	980849	CHR15:980849	SSF x Near_LoA	-7,245	-0,025	0,277
CHR15	980893	CHR15:980893	SSF x Near_LoA	-9,887	-0,057	0,284
CHR15	9819245	CHR15:9819245	SSF x Near_LoA	-3,320	-0,065	0,303
CHR15	9831172	CHR15:9831172	SSF x Near_LoA	-7,013	0,041	0,293
CHR15	9873348	CHR15:9873348	SSF x Near_LoA	-7,489	0,018	0,293
CHR15	9895872	CHR15:9895872	SSF x Near_LoA	-7,590	-0,042	0,282
CHR15	9913747	CHR15:9913747	SSF x Near_LoA	-5,469	-0,126	0,291

CHR15	9929811	CHR15:9929811	SSF x Near_LoA	-8,684	-0,050	0,290
CHR15	9931131	CHR15:9931131	SSF x Near_LoA	-6,453	0,135	0,283
CHR15	9931290	CHR15:9931290	SSF x Near_LoA	-7,310	-0,101	0,283
CHR15	9935573	CHR15:9935573	SSF x Near_LoA	-10,770	-0,017	0,281
CHR15	9948605	CHR15:9948605	SSF x Near_LoA	-9,150	-0,074	0,277
CHR15	9949565	CHR15:9949565	SSF x Near_LoA	-5,682	0,119	0,296
CHR15	9949919	CHR15:9949919	SSF x Near_LoA	-10,320	-0,085	0,283
CHR15	9951542	CHR15:9951542	SSF x Near_LoA	-8,487	-0,033	0,292
CHR15	9953548	CHR15:9953548	SSF x Near_LoA	-7,150	0,118	0,284
CHR15	9955016	CHR15:9955016	SSF x Near_LoA	-8,824	0,035	0,285
CHR15	9976386	CHR15:9976386	SSF x Near_LoA	-9,692	0,138	0,277
CHR15	9976447	CHR15:9976447	SSF x Near_LoA	-7,613	0,130	0,274
CHR15	9976494	CHR15:9976494	SSF x Near_LoA	-8,011	0,034	0,289
CHR15	9976547	CHR15:9976547	SSF x Near_LoA	-8,188	0,085	0,287
CHR15	9983549	CHR15:9983549	SSF x Near_LoA	-10,343	0,094	0,278
CHR15	9983718	CHR15:9983718	SSF x Near_LoA	-8,483	-0,008	0,280
CHR15	9983740	CHR15:9983740	SSF x Near_LoA	-8,850	-0,080	0,285
CHR16	1000114	CHR16:1000114	SSF x Near_LoA	-7,552	0,092	0,294
CHR16	1000129	CHR16:1000129	SSF x Near_LoA	-4,758	0,131	0,282
CHR16	1000142	CHR16:1000142	SSF x Near_LoA	-7,819	0,034	0,277
CHR16	1000175	CHR16:1000175	SSF x Near_LoA	-9,758	0,070	0,283
CHR16	1009503	CHR16:1009503	SSF x Near_LoA	-7,177	0,128	0,298
CHR16	1009504	CHR16:1009504	SSF x Near_LoA	-9,509	0,099	0,294
CHR16	1009531	CHR16:1009531	SSF x Near_LoA	-6,772	-0,091	0,287
CHR16	1009538	CHR16:1009538	SSF x Near_LoA	-7,524	-0,001	0,294
CHR16	1013711	CHR16:1013711	SSF x Near_LoA	-6,686	0,114	0,293
CHR16	1013805	CHR16:1013805	SSF x Near_LoA	-7,360	-0,028	0,285
CHR16	1013918	CHR16:1013918	SSF x Near_LoA	-7,868	-0,076	0,288
CHR16	1013981	CHR16:1013981	SSF x Near_LoA	-7,450	0,052	0,287
CHR16	1013982	CHR16:1013982	SSF x Near_LoA	-7,440	0,062	0,282
CHR16	1025557	CHR16:1025557	SSF x Near_LoA	-11,244	0,042	0,282
CHR16	1025759	CHR16:1025759	SSF x Near_LoA	-6,351	0,044	0,284
CHR16	1038855	CHR16:1038855	SSF x Near_LoA	-7,888	0,139	0,281
CHR16	1038921	CHR16:1038921	SSF x Near_LoA	-6,648	0,154	0,290
CHR16	1041049	CHR16:1041049	SSF x Near_LoA	-6,581	-0,056	0,300
CHR16	1049498	CHR16:1049498	SSF x Near_LoA	-8,804	-0,075	0,284
CHR16	1049523	CHR16:1049523	SSF x Near_LoA	-8,232	0,056	0,287
CHR16	1049559	CHR16:1049559	SSF x Near_LoA	-7,725	-0,102	0,267
CHR16	1049587	CHR16:1049587	SSF x Near_LoA	-6,892	-0,044	0,290
CHR16	1049604	CHR16:1049604	SSF x Near_LoA	-8,526	-0,094	0,264
CHR16	1049778	CHR16:1049778	SSF x Near_LoA	-8,221	0,030	0,291
CHR16	1059456	CHR16:1059456	SSF x Near_LoA	-6,068	0,173	0,277
CHR16	1059655	CHR16:1059655	SSF x Near_LoA	-6,328	-0,138	0,288
CHR16	1059781	CHR16:1059781	SSF x Near_LoA	-6,841	-0,024	0,293
CHR16	1069322	CHR16:1069322	SSF x Near_LoA	-9,009	-0,013	0,286
CHR16	1069467	CHR16:1069467	SSF x Near_LoA	-10,171	-0,026	0,292
CHR16	1069564	CHR16:1069564	SSF x Near_LoA	-7,814	0,110	0,277
CHR16	1080719	CHR16:1080719	SSF x Near_LoA	-4,545	0,114	0,289
CHR16	1080767	CHR16:1080767	SSF x Near_LoA	-8,488	0,162	0,285
CHR16	1080771	CHR16:1080771	SSF x Near_LoA	-5,358	0,148	0,287
CHR16	1080780	CHR16:1080780	SSF x Near_LoA	-5,846	0,157	0,280
CHR16	1089101	CHR16:1089101	SSF x Near_LoA	-8,639	-0,034	0,283
CHR16	1089118	CHR16:1089118	SSF x Near_LoA	-8,704	0,011	0,300

CHR16	1089148	CHR16:1089148	SSF x Near_LoA	-6,449	0,000	0,294
CHR16	1089150	CHR16:1089150	SSF x Near_LoA	-7,428	-0,115	0,285
CHR16	1089173	CHR16:1089173	SSF x Near_LoA	-10,850	0,000	0,274
CHR16	1089232	CHR16:1089232	SSF x Near_LoA	-8,933	-0,075	0,283
CHR16	1089240	CHR16:1089240	SSF x Near_LoA	-8,914	-0,017	0,273
CHR16	1089290	CHR16:1089290	SSF x Near_LoA	-7,514	-0,006	0,289
CHR16	1098842	CHR16:1098842	SSF x Near_LoA	-8,723	0,016	0,292
CHR16	1099752	CHR16:1099752	SSF x Near_LoA	-10,193	-0,056	0,288
CHR16	1116799	CHR16:1116799	SSF x Near_LoA	-7,232	0,110	0,301
CHR16	1116868	CHR16:1116868	SSF x Near_LoA	-4,529	-0,188	0,273
CHR16	1117460	CHR16:1117460	SSF x Near_LoA	-7,798	0,013	0,265
CHR16	1117830	CHR16:1117830	SSF x Near_LoA	-3,016	0,199	0,283
CHR16	1121146	CHR16:1121146	SSF x Near_LoA	-8,315	0,109	0,287
CHR16	1121226	CHR16:1121226	SSF x Near_LoA	-10,086	0,043	0,287
CHR16	1121308	CHR16:1121308	SSF x Near_LoA	-7,515	-0,092	0,283
CHR16	1121314	CHR16:1121314	SSF x Near_LoA	-8,711	-0,055	0,287
CHR16	1121387	CHR16:1121387	SSF x Near_LoA	-8,433	-0,092	0,282
CHR16	1121388	CHR16:1121388	SSF x Near_LoA	-7,340	-0,097	0,279
CHR16	1134755	CHR16:1134755	SSF x Near_LoA	-4,986	0,145	0,286
CHR16	1134947	CHR16:1134947	SSF x Near_LoA	-3,189	-0,042	0,273
CHR16	1138737	CHR16:1138737	SSF x Near_LoA	-8,231	0,129	0,275
CHR16	1138856	CHR16:1138856	SSF x Near_LoA	-8,637	0,039	0,295
CHR16	1142987	CHR16:1142987	SSF x Near_LoA	-4,188	0,152	0,284
CHR16	1152933	CHR16:1152933	SSF x Near_LoA	-5,972	-0,073	0,277
CHR16	1154431	CHR16:1154431	SSF x Near_LoA	-10,203	0,006	0,282
CHR16	1154470	CHR16:1154470	SSF x Near_LoA	-6,661	-0,082	0,273
CHR16	1154490	CHR16:1154490	SSF x Near_LoA	-8,544	-0,073	0,299
CHR16	1154539	CHR16:1154539	SSF x Near_LoA	-6,832	-0,166	0,263
CHR16	1157098	CHR16:1157098	SSF x Near_LoA	-8,316	-0,118	0,294
CHR16	1157107	CHR16:1157107	SSF x Near_LoA	-3,084	0,189	0,288
CHR16	1157116	CHR16:1157116	SSF x Near_LoA	-4,657	0,222	0,270
CHR16	1164473	CHR16:1164473	SSF x Near_LoA	-7,960	-0,070	0,272
CHR16	1169724	CHR16:1169724	SSF x Near_LoA	-5,385	-0,107	0,282
CHR16	1169725	CHR16:1169725	SSF x Near_LoA	-7,722	0,109	0,291
CHR16	1169817	CHR16:1169817	SSF x Near_LoA	-5,463	-0,030	0,286
CHR16	1178514	CHR16:1178514	SSF x Near_LoA	-7,787	0,051	0,294
CHR16	1178520	CHR16:1178520	SSF x Near_LoA	-7,905	0,079	0,289
CHR16	1178526	CHR16:1178526	SSF x Near_LoA	3,284	0,093	0,281
CHR16	1178548	CHR16:1178548	SSF x Near_LoA	-7,864	-0,087	0,288
CHR16	1181128	CHR16:1181128	SSF x Near_LoA	-8,847	0,084	0,275
CHR16	1181191	CHR16:1181191	SSF x Near_LoA	-7,722	0,009	0,278
CHR16	1181200	CHR16:1181200	SSF x Near_LoA	-8,039	-0,031	0,270
CHR16	1182481	CHR16:1182481	SSF x Near_LoA	-6,283	-0,167	0,281
CHR16	1209118	CHR16:1209118	SSF x Near_LoA	-9,388	0,060	0,288
CHR16	1222785	CHR16:1222785	SSF x Near_LoA	-8,265	-0,076	0,274
CHR16	1222816	CHR16:1222816	SSF x Near_LoA	-8,430	-0,065	0,272
CHR16	1222820	CHR16:1222820	SSF x Near_LoA	-7,221	-0,017	0,282
CHR16	1222877	CHR16:1222877	SSF x Near_LoA	-7,975	-0,035	0,282
CHR16	1222950	CHR16:1222950	SSF x Near_LoA	-5,779	-0,160	0,280
CHR16	1222965	CHR16:1222965	SSF x Near_LoA	-8,136	-0,015	0,293
CHR16	1223064	CHR16:1223064	SSF x Near_LoA	-8,443	0,042	0,269
CHR16	1223065	CHR16:1223065	SSF x Near_LoA	-7,585	0,109	0,292
CHR16	1223250	CHR16:1223250	SSF x Near_LoA	-5,773	0,088	0,281

CHR16	1268069	CHR16:1268069	SSF x Near_LoA	-6,016	-0,081	0,295
CHR16	1268094	CHR16:1268094	SSF x Near_LoA	-10,127	0,048	0,268
CHR16	1268161	CHR16:1268161	SSF x Near_LoA	-8,824	0,050	0,284
CHR16	1271009	CHR16:1271009	SSF x Near_LoA	-6,975	-0,050	0,283
CHR16	1271091	CHR16:1271091	SSF x Near_LoA	-6,181	0,113	0,287
CHR16	1271123	CHR16:1271123	SSF x Near_LoA	-7,791	-0,129	0,294
CHR16	1278163	CHR16:1278163	SSF x Near_LoA	-9,196	0,071	0,280
CHR16	1278428	CHR16:1278428	SSF x Near_LoA	-4,814	0,164	0,275
CHR16	1278590	CHR16:1278590	SSF x Near_LoA	-9,352	-0,010	0,291
CHR16	1302970	CHR16:1302970	SSF x Near_LoA	-4,385	-0,183	0,259
CHR16	1317050	CHR16:1317050	SSF x Near_LoA	-6,608	-0,140	0,273
CHR16	1317070	CHR16:1317070	SSF x Near_LoA	-5,928	0,104	0,299
CHR16	1317178	CHR16:1317178	SSF x Near_LoA	-8,186	-0,094	0,297
CHR16	1317181	CHR16:1317181	SSF x Near_LoA	-8,581	-0,104	0,290
CHR16	1317193	CHR16:1317193	SSF x Near_LoA	-4,810	-0,236	0,267
CHR16	1317229	CHR16:1317229	SSF x Near_LoA	-0,323	0,220	0,275
CHR16	1328231	CHR16:1328231	SSF x Near_LoA	-10,358	0,022	0,298
CHR16	1328244	CHR16:1328244	SSF x Near_LoA	-7,909	-0,047	0,289
CHR16	1328291	CHR16:1328291	SSF x Near_LoA	-8,611	-0,012	0,286
CHR16	1328302	CHR16:1328302	SSF x Near_LoA	-8,158	0,024	0,287
CHR16	1328372	CHR16:1328372	SSF x Near_LoA	-6,536	-0,208	0,282
CHR16	1339697	CHR16:1339697	SSF x Near_LoA	-7,739	0,011	0,289
CHR16	1339698	CHR16:1339698	SSF x Near_LoA	-7,460	-0,027	0,302
CHR16	1339703	CHR16:1339703	SSF x Near_LoA	-9,543	0,134	0,283
CHR16	1343723	CHR16:1343723	SSF x Near_LoA	-8,847	0,028	0,293
CHR16	1343761	CHR16:1343761	SSF x Near_LoA	-8,265	-0,041	0,279
CHR16	1343840	CHR16:1343840	SSF x Near_LoA	-6,064	0,055	0,294
CHR16	1343975	CHR16:1343975	SSF x Near_LoA	-6,793	0,061	0,299
CHR16	1348320	CHR16:1348320	SSF x Near_LoA	3,065	-0,138	0,294
CHR16	1348388	CHR16:1348388	SSF x Near_LoA	-8,748	0,014	0,297
CHR16	1348458	CHR16:1348458	SSF x Near_LoA	-7,545	0,132	0,284
CHR16	1356684	CHR16:1356684	SSF x Near_LoA	-4,701	0,112	0,274
CHR16	1356694	CHR16:1356694	SSF x Near_LoA	-7,612	0,106	0,282
CHR16	1373236	CHR16:1373236	SSF x Near_LoA	-10,351	0,005	0,301
CHR16	1373278	CHR16:1373278	SSF x Near_LoA	-6,243	-0,158	0,286
CHR16	1373315	CHR16:1373315	SSF x Near_LoA	-9,686	-0,099	0,276
CHR16	1373475	CHR16:1373475	SSF x Near_LoA	-8,150	0,091	0,289
CHR16	1401419	CHR16:1401419	SSF x Near_LoA	-5,509	0,144	0,274
CHR16	1404033	CHR16:1404033	SSF x Near_LoA	5,001	0,035	0,290
CHR16	1404071	CHR16:1404071	SSF x Near_LoA	-8,055	-0,095	0,277
CHR16	1404121	CHR16:1404121	SSF x Near_LoA	-8,937	-0,036	0,288
CHR16	1404181	CHR16:1404181	SSF x Near_LoA	-5,067	-0,238	0,282
CHR16	1410827	CHR16:1410827	SSF x Near_LoA	-6,518	-0,097	0,264
CHR16	1410853	CHR16:1410853	SSF x Near_LoA	-6,934	-0,130	0,270
CHR16	1410908	CHR16:1410908	SSF x Near_LoA	-6,554	-0,156	0,277
CHR16	1410950	CHR16:1410950	SSF x Near_LoA	-9,432	-0,162	0,285
CHR16	1417675	CHR16:1417675	SSF x Near_LoA	-8,039	-0,041	0,281
CHR16	1417922	CHR16:1417922	SSF x Near_LoA	-7,307	0,084	0,268
CHR16	1417931	CHR16:1417931	SSF x Near_LoA	-5,117	0,160	0,267
CHR16	1417934	CHR16:1417934	SSF x Near_LoA	-9,246	0,032	0,282
CHR16	1417955	CHR16:1417955	SSF x Near_LoA	-9,840	0,027	0,303
CHR16	1422282	CHR16:1422282	SSF x Near_LoA	-7,024	0,126	0,283
CHR16	1422354	CHR16:1422354	SSF x Near_LoA	-8,546	-0,016	0,294

CHR16	1422373	CHR16:1422373	SSF x Near_LoA	-6,129	0,019	0,292
CHR16	1443005	CHR16:1443005	SSF x Near_LoA	-8,013	-0,050	0,283
CHR16	1443287	CHR16:1443287	SSF x Near_LoA	-8,642	0,128	0,290
CHR16	1451703	CHR16:1451703	SSF x Near_LoA	-7,751	0,045	0,277
CHR16	1451719	CHR16:1451719	SSF x Near_LoA	-7,074	0,124	0,277
CHR16	1452113	CHR16:1452113	SSF x Near_LoA	-5,356	0,000	0,303
CHR16	1452168	CHR16:1452168	SSF x Near_LoA	-6,841	-0,111	0,288
CHR16	1454868	CHR16:1454868	SSF x Near_LoA	-9,371	-0,063	0,288
CHR16	1454937	CHR16:1454937	SSF x Near_LoA	-8,784	0,107	0,287
CHR16	1454955	CHR16:1454955	SSF x Near_LoA	-7,600	-0,108	0,278
CHR16	1454959	CHR16:1454959	SSF x Near_LoA	-10,322	-0,015	0,295
CHR16	1455033	CHR16:1455033	SSF x Near_LoA	-7,629	0,045	0,294
CHR16	1455052	CHR16:1455052	SSF x Near_LoA	-8,088	0,179	0,287
CHR16	1455139	CHR16:1455139	SSF x Near_LoA	-8,443	0,039	0,279
CHR16	1455168	CHR16:1455168	SSF x Near_LoA	-8,944	0,092	0,295
CHR16	1455184	CHR16:1455184	SSF x Near_LoA	-7,336	0,138	0,281
CHR16	1474841	CHR16:1474841	SSF x Near_LoA	-10,921	0,020	0,278
CHR16	1479630	CHR16:1479630	SSF x Near_LoA	-9,516	0,037	0,287
CHR16	1479787	CHR16:1479787	SSF x Near_LoA	-9,706	-0,082	0,287
CHR16	1479833	CHR16:1479833	SSF x Near_LoA	-5,535	-0,112	0,276
CHR16	1479904	CHR16:1479904	SSF x Near_LoA	-9,225	0,064	0,290
CHR16	1486892	CHR16:1486892	SSF x Near_LoA	-9,372	0,051	0,292
CHR16	1486928	CHR16:1486928	SSF x Near_LoA	13,488	-0,146	0,276
CHR16	1504456	CHR16:1504456	SSF x Near_LoA	-8,192	-0,058	0,289
CHR16	1504572	CHR16:1504572	SSF x Near_LoA	-7,782	-0,102	0,290
CHR16	1504574	CHR16:1504574	SSF x Near_LoA	-5,663	0,160	0,279
CHR16	1506642	CHR16:1506642	SSF x Near_LoA	-6,262	-0,072	0,291
CHR16	1506689	CHR16:1506689	SSF x Near_LoA	-9,201	0,025	0,297
CHR16	150746	CHR16:150746	SSF x Near_LoA	-10,340	0,077	0,283
CHR16	1507924	CHR16:1507924	SSF x Near_LoA	-9,390	-0,035	0,290
CHR16	1508088	CHR16:1508088	SSF x Near_LoA	-6,688	0,058	0,293
CHR16	1508149	CHR16:1508149	SSF x Near_LoA	-6,995	-0,049	0,294
CHR16	1508152	CHR16:1508152	SSF x Near_LoA	-7,943	-0,031	0,298
CHR16	1508159	CHR16:1508159	SSF x Near_LoA	-8,847	0,072	0,279
CHR16	1508162	CHR16:1508162	SSF x Near_LoA	-7,435	0,041	0,295
CHR16	1508169	CHR16:1508169	SSF x Near_LoA	-6,240	0,110	0,281
CHR16	1508189	CHR16:1508189	SSF x Near_LoA	-6,506	-0,086	0,272
CHR16	1508198	CHR16:1508198	SSF x Near_LoA	-6,307	0,061	0,292
CHR16	1508243	CHR16:1508243	SSF x Near_LoA	-7,577	0,011	0,300
CHR16	1508253	CHR16:1508253	SSF x Near_LoA	-7,569	0,016	0,303
CHR16	1526262	CHR16:1526262	SSF x Near_LoA	-8,807	-0,117	0,271
CHR16	1526288	CHR16:1526288	SSF x Near_LoA	-7,431	0,170	0,270
CHR16	1526344	CHR16:1526344	SSF x Near_LoA	-7,208	-0,162	0,278
CHR16	1526411	CHR16:1526411	SSF x Near_LoA	-9,638	0,069	0,283
CHR16	1526472	CHR16:1526472	SSF x Near_LoA	-10,697	-0,033	0,282
CHR16	1538913	CHR16:1538913	SSF x Near_LoA	-3,629	0,183	0,294
CHR16	1539179	CHR16:1539179	SSF x Near_LoA	-6,616	0,230	0,266
CHR16	1539236	CHR16:1539236	SSF x Near_LoA	-9,969	0,132	0,283
CHR16	1539330	CHR16:1539330	SSF x Near_LoA	-9,622	-0,094	0,276
CHR16	1547551	CHR16:1547551	SSF x Near_LoA	-5,263	-0,068	0,285
CHR16	1547555	CHR16:1547555	SSF x Near_LoA	-9,018	-0,017	0,283
CHR16	1547595	CHR16:1547595	SSF x Near_LoA	-9,052	0,046	0,281
CHR16	1547679	CHR16:1547679	SSF x Near_LoA	-10,366	0,028	0,290

CHR16	1547775	CHR16:1547775	SSF x Near_LoA	-3,207	-0,137	0,285
CHR16	1547787	CHR16:1547787	SSF x Near_LoA	-10,280	0,032	0,298
CHR16	1562275	CHR16:1562275	SSF x Near_LoA	-9,555	0,179	0,273
CHR16	1562291	CHR16:1562291	SSF x Near_LoA	-8,559	-0,176	0,270
CHR16	1562299	CHR16:1562299	SSF x Near_LoA	-7,311	0,157	0,292
CHR16	1562377	CHR16:1562377	SSF x Near_LoA	-8,130	0,131	0,278
CHR16	1562421	CHR16:1562421	SSF x Near_LoA	-8,022	-0,014	0,283
CHR16	1586484	CHR16:1586484	SSF x Near_LoA	-8,305	0,045	0,290
CHR16	1586539	CHR16:1586539	SSF x Near_LoA	-6,671	0,026	0,302
CHR16	1586541	CHR16:1586541	SSF x Near_LoA	-6,750	0,036	0,293
CHR16	1586599	CHR16:1586599	SSF x Near_LoA	-7,601	-0,117	0,277
CHR16	1586628	CHR16:1586628	SSF x Near_LoA	-8,764	-0,100	0,290
CHR16	1599889	CHR16:1599889	SSF x Near_LoA	-8,628	0,012	0,287
CHR16	1599960	CHR16:1599960	SSF x Near_LoA	-8,437	0,034	0,282
CHR16	1600089	CHR16:1600089	SSF x Near_LoA	-7,849	-0,100	0,283
CHR16	1602002	CHR16:1602002	SSF x Near_LoA	-9,681	0,048	0,277
CHR16	1602022	CHR16:1602022	SSF x Near_LoA	-7,746	0,013	0,282
CHR16	1603909	CHR16:1603909	SSF x Near_LoA	-7,431	-0,075	0,292
CHR16	1631303	CHR16:1631303	SSF x Near_LoA	-3,611	-0,168	0,279
CHR16	1631340	CHR16:1631340	SSF x Near_LoA	-7,377	-0,019	0,289
CHR16	1631491	CHR16:1631491	SSF x Near_LoA	-7,202	-0,077	0,288
CHR16	1631565	CHR16:1631565	SSF x Near_LoA	-3,076	-0,094	0,284
CHR16	1637188	CHR16:1637188	SSF x Near_LoA	-7,452	-0,024	0,285
CHR16	1637349	CHR16:1637349	SSF x Near_LoA	-8,529	0,062	0,278
CHR16	1637373	CHR16:1637373	SSF x Near_LoA	-9,368	-0,040	0,293
CHR16	1667309	CHR16:1667309	SSF x Near_LoA	-7,568	0,055	0,290
CHR16	1667386	CHR16:1667386	SSF x Near_LoA	-7,744	-0,154	0,285
CHR16	1680404	CHR16:1680404	SSF x Near_LoA	-6,848	0,024	0,266
CHR16	1680482	CHR16:1680482	SSF x Near_LoA	-7,871	-0,001	0,291
CHR16	1680484	CHR16:1680484	SSF x Near_LoA	-7,545	0,119	0,271
CHR16	1680570	CHR16:1680570	SSF x Near_LoA	-10,116	0,033	0,279
CHR16	1683822	CHR16:1683822	SSF x Near_LoA	-7,857	0,051	0,277
CHR16	1703652	CHR16:1703652	SSF x Near_LoA	-10,581	-0,053	0,287
CHR16	1703659	CHR16:1703659	SSF x Near_LoA	-5,607	0,023	0,275
CHR16	1703670	CHR16:1703670	SSF x Near_LoA	-10,302	0,037	0,274
CHR16	1703671	CHR16:1703671	SSF x Near_LoA	-7,453	-0,009	0,292
CHR16	1703673	CHR16:1703673	SSF x Near_LoA	-9,124	-0,068	0,287
CHR16	1704979	CHR16:1704979	SSF x Near_LoA	-10,491	-0,040	0,280
CHR16	1705010	CHR16:1705010	SSF x Near_LoA	-7,267	0,110	0,290
CHR16	1705046	CHR16:1705046	SSF x Near_LoA	-5,435	0,020	0,279
CHR16	1734469	CHR16:1734469	SSF x Near_LoA	-6,089	0,046	0,286
CHR16	1734632	CHR16:1734632	SSF x Near_LoA	-8,154	-0,193	0,277
CHR16	1734781	CHR16:1734781	SSF x Near_LoA	-8,867	-0,045	0,281
CHR16	1734796	CHR16:1734796	SSF x Near_LoA	-8,579	0,108	0,282
CHR16	1741175	CHR16:1741175	SSF x Near_LoA	-7,370	-0,098	0,271
CHR16	1741279	CHR16:1741279	SSF x Near_LoA	-9,636	-0,081	0,287
CHR16	1749490	CHR16:1749490	SSF x Near_LoA	-7,683	0,026	0,289
CHR16	1753075	CHR16:1753075	SSF x Near_LoA	-8,958	-0,070	0,272
CHR16	1753149	CHR16:1753149	SSF x Near_LoA	-9,116	0,034	0,292
CHR16	1753750	CHR16:1753750	SSF x Near_LoA	-7,120	0,147	0,284
CHR16	1769809	CHR16:1769809	SSF x Near_LoA	-8,024	0,018	0,310
CHR16	1782019	CHR16:1782019	SSF x Near_LoA	-6,843	0,068	0,280
CHR16	1783474	CHR16:1783474	SSF x Near_LoA	-7,913	0,014	0,286

CHR16	1783581	CHR16:1783581	SSF x Near_LoA	-6,655	0,139	0,288
CHR16	1789027	CHR16:1789027	SSF x Near_LoA	-5,585	-0,069	0,288
CHR16	1789124	CHR16:1789124	SSF x Near_LoA	-7,098	-0,057	0,284
CHR16	1789175	CHR16:1789175	SSF x Near_LoA	-6,849	-0,023	0,279
CHR16	1789223	CHR16:1789223	SSF x Near_LoA	-7,680	-0,038	0,293
CHR16	1789260	CHR16:1789260	SSF x Near_LoA	-7,986	-0,059	0,293
CHR16	1789279	CHR16:1789279	SSF x Near_LoA	-7,863	-0,116	0,299
CHR16	1796429	CHR16:1796429	SSF x Near_LoA	-8,125	-0,116	0,284
CHR16	1796546	CHR16:1796546	SSF x Near_LoA	-5,495	-0,189	0,263
CHR16	1796566	CHR16:1796566	SSF x Near_LoA	-7,476	-0,124	0,285
CHR16	1796602	CHR16:1796602	SSF x Near_LoA	-7,533	-0,167	0,268
CHR16	1812962	CHR16:1812962	SSF x Near_LoA	-8,579	-0,105	0,286
CHR16	1819790	CHR16:1819790	SSF x Near_LoA	-7,856	-0,043	0,280
CHR16	1836404	CHR16:1836404	SSF x Near_LoA	-6,201	-0,137	0,277
CHR16	1838844	CHR16:1838844	SSF x Near_LoA	-9,053	-0,029	0,277
CHR16	1846775	CHR16:1846775	SSF x Near_LoA	-7,400	-0,108	0,278
CHR16	1846998	CHR16:1846998	SSF x Near_LoA	-1,933	-0,099	0,289
CHR16	1860097	CHR16:1860097	SSF x Near_LoA	8,322	-0,176	0,273
CHR16	1860208	CHR16:1860208	SSF x Near_LoA	-7,640	-0,069	0,275
CHR16	1860238	CHR16:1860238	SSF x Near_LoA	-8,557	0,052	0,300
CHR16	1861961	CHR16:1861961	SSF x Near_LoA	-8,824	-0,062	0,286
CHR16	1862112	CHR16:1862112	SSF x Near_LoA	-9,239	-0,054	0,298
CHR16	1871538	CHR16:1871538	SSF x Near_LoA	-8,735	-0,032	0,287
CHR16	1889907	CHR16:1889907	SSF x Near_LoA	-5,738	0,057	0,294
CHR16	1890003	CHR16:1890003	SSF x Near_LoA	-7,913	0,011	0,292
CHR16	1897462	CHR16:1897462	SSF x Near_LoA	-7,251	0,149	0,285
CHR16	1902575	CHR16:1902575	SSF x Near_LoA	-8,291	0,005	0,282
CHR16	1902637	CHR16:1902637	SSF x Near_LoA	-7,017	0,019	0,293
CHR16	1902836	CHR16:1902836	SSF x Near_LoA	-8,570	-0,011	0,286
CHR16	1902962	CHR16:1902962	SSF x Near_LoA	-9,459	0,072	0,276
CHR16	1902992	CHR16:1902992	SSF x Near_LoA	-5,270	0,145	0,271
CHR16	1905708	CHR16:1905708	SSF x Near_LoA	-6,568	0,127	0,288
CHR16	1905735	CHR16:1905735	SSF x Near_LoA	-4,884	0,132	0,278
CHR16	1907546	CHR16:1907546	SSF x Near_LoA	-6,887	-0,023	0,280
CHR16	1916550	CHR16:1916550	SSF x Near_LoA	-6,979	-0,004	0,288
CHR16	1916660	CHR16:1916660	SSF x Near_LoA	-7,026	-0,066	0,276
CHR16	1916767	CHR16:1916767	SSF x Near_LoA	-7,601	0,036	0,270
CHR16	1916771	CHR16:1916771	SSF x Near_LoA	-1,263	0,053	0,284
CHR16	1916790	CHR16:1916790	SSF x Near_LoA	-7,423	0,078	0,280
CHR16	1916844	CHR16:1916844	SSF x Near_LoA	-8,275	-0,036	0,297
CHR16	1916850	CHR16:1916850	SSF x Near_LoA	-4,431	-0,186	0,275
CHR16	1925252	CHR16:1925252	SSF x Near_LoA	-6,742	-0,043	0,295
CHR16	1951223	CHR16:1951223	SSF x Near_LoA	-6,472	-0,139	0,284
CHR16	1951286	CHR16:1951286	SSF x Near_LoA	-2,292	0,190	0,274
CHR16	1951504	CHR16:1951504	SSF x Near_LoA	-8,123	-0,033	0,280
CHR16	1951521	CHR16:1951521	SSF x Near_LoA	-7,904	-0,061	0,271
CHR16	1951536	CHR16:1951536	SSF x Near_LoA	-10,494	0,095	0,278
CHR16	1951560	CHR16:1951560	SSF x Near_LoA	-8,326	-0,075	0,277
CHR16	1951569	CHR16:1951569	SSF x Near_LoA	-9,365	-0,050	0,294
CHR16	1964193	CHR16:1964193	SSF x Near_LoA	-9,003	0,108	0,285
CHR16	1997859	CHR16:1997859	SSF x Near_LoA	-8,272	0,090	0,272
CHR16	2005543	CHR16:2005543	SSF x Near_LoA	-8,818	-0,074	0,277
CHR16	2005683	CHR16:2005683	SSF x Near_LoA	-7,211	-0,104	0,280

CHR16	2023085	CHR16:2023085	SSF x Near_LoA	-7,333	-0,073	0,287
CHR16	2023105	CHR16:2023105	SSF x Near_LoA	-7,893	-0,014	0,295
CHR16	2023166	CHR16:2023166	SSF x Near_LoA	-8,079	-0,102	0,291
CHR16	2024686	CHR16:2024686	SSF x Near_LoA	-3,813	0,234	0,269
CHR16	2029324	CHR16:2029324	SSF x Near_LoA	-3,349	-0,110	0,275
CHR16	2030595	CHR16:2030595	SSF x Near_LoA	-8,035	0,023	0,284
CHR16	2030627	CHR16:2030627	SSF x Near_LoA	-7,330	-0,039	0,278
CHR16	2030636	CHR16:2030636	SSF x Near_LoA	-8,822	-0,126	0,283
CHR16	2031018	CHR16:2031018	SSF x Near_LoA	-2,832	0,051	0,289
CHR16	2050143	CHR16:2050143	SSF x Near_LoA	-1,325	0,271	0,285
CHR16	2050165	CHR16:2050165	SSF x Near_LoA	-10,123	-0,003	0,274
CHR16	2050180	CHR16:2050180	SSF x Near_LoA	-8,305	-0,105	0,287
CHR16	2050199	CHR16:2050199	SSF x Near_LoA	-8,357	0,071	0,283
CHR16	2050220	CHR16:2050220	SSF x Near_LoA	-5,463	-0,040	0,298
CHR16	2050304	CHR16:2050304	SSF x Near_LoA	-4,557	0,144	0,292
CHR16	2060464	CHR16:2060464	SSF x Near_LoA	-7,592	0,059	0,287
CHR16	2060470	CHR16:2060470	SSF x Near_LoA	-8,059	0,027	0,292
CHR16	2060675	CHR16:2060675	SSF x Near_LoA	-6,770	0,007	0,282
CHR16	2060679	CHR16:2060679	SSF x Near_LoA	-7,385	-0,001	0,270
CHR16	2060697	CHR16:2060697	SSF x Near_LoA	-8,388	0,050	0,283
CHR16	2080726	CHR16:2080726	SSF x Near_LoA	-4,153	-0,210	0,287
CHR16	2080743	CHR16:2080743	SSF x Near_LoA	-7,856	0,059	0,292
CHR16	2093844	CHR16:2093844	SSF x Near_LoA	-9,068	-0,058	0,283
CHR16	2093946	CHR16:2093946	SSF x Near_LoA	-6,239	-0,123	0,287
CHR16	2132639	CHR16:2132639	SSF x Near_LoA	-6,163	-0,090	0,282
CHR16	2133779	CHR16:2133779	SSF x Near_LoA	-9,313	0,058	0,294
CHR16	2140104	CHR16:2140104	SSF x Near_LoA	-3,375	0,129	0,263
CHR16	2140267	CHR16:2140267	SSF x Near_LoA	-7,173	0,068	0,286
CHR16	2140334	CHR16:2140334	SSF x Near_LoA	-9,469	-0,069	0,283
CHR16	2140367	CHR16:2140367	SSF x Near_LoA	-10,122	-0,033	0,294
CHR16	215804	CHR16:215804	SSF x Near_LoA	-6,449	0,036	0,293
CHR16	2195633	CHR16:2195633	SSF x Near_LoA	-6,836	-0,037	0,298
CHR16	2203467	CHR16:2203467	SSF x Near_LoA	-7,460	0,141	0,262
CHR16	2219442	CHR16:2219442	SSF x Near_LoA	-6,366	-0,060	0,293
CHR16	2233754	CHR16:2233754	SSF x Near_LoA	-5,824	0,148	0,288
CHR16	2233797	CHR16:2233797	SSF x Near_LoA	-7,417	0,098	0,292
CHR16	2233824	CHR16:2233824	SSF x Near_LoA	-4,859	-0,171	0,280
CHR16	2233853	CHR16:2233853	SSF x Near_LoA	-7,242	0,079	0,293
CHR16	2256387	CHR16:2256387	SSF x Near_LoA	-7,142	0,177	0,285
CHR16	2256411	CHR16:2256411	SSF x Near_LoA	-8,153	0,153	0,289
CHR16	2256413	CHR16:2256413	SSF x Near_LoA	-8,189	-0,070	0,290
CHR16	2256432	CHR16:2256432	SSF x Near_LoA	-8,157	0,114	0,293
CHR16	2261201	CHR16:2261201	SSF x Near_LoA	-4,695	0,055	0,292
CHR16	2261212	CHR16:2261212	SSF x Near_LoA	-6,861	0,042	0,295
CHR16	2265341	CHR16:2265341	SSF x Near_LoA	-7,472	-0,019	0,287
CHR16	2265424	CHR16:2265424	SSF x Near_LoA	-9,571	-0,062	0,285
CHR16	2272541	CHR16:2272541	SSF x Near_LoA	-9,085	0,017	0,286
CHR16	2272579	CHR16:2272579	SSF x Near_LoA	-7,547	0,030	0,275
CHR16	2272584	CHR16:2272584	SSF x Near_LoA	-9,354	0,145	0,289
CHR16	2272591	CHR16:2272591	SSF x Near_LoA	-9,789	-0,143	0,275
CHR16	2272603	CHR16:2272603	SSF x Near_LoA	-9,958	-0,016	0,297
CHR16	2272656	CHR16:2272656	SSF x Near_LoA	-9,418	0,046	0,285
CHR16	2272700	CHR16:2272700	SSF x Near_LoA	-9,033	0,022	0,297

CHR16	2280416	CHR16:2280416	SSF x Near_LoA	-6,953	0,019	0,283
CHR16	2280595	CHR16:2280595	SSF x Near_LoA	-8,183	-0,083	0,265
CHR16	2293467	CHR16:2293467	SSF x Near_LoA	-9,178	0,004	0,298
CHR16	2293563	CHR16:2293563	SSF x Near_LoA	-6,542	-0,110	0,290
CHR16	2293729	CHR16:2293729	SSF x Near_LoA	-10,135	-0,084	0,270
CHR16	2305687	CHR16:2305687	SSF x Near_LoA	-8,959	-0,065	0,293
CHR16	2305688	CHR16:2305688	SSF x Near_LoA	-7,816	-0,038	0,284
CHR16	2305732	CHR16:2305732	SSF x Near_LoA	-7,932	0,005	0,297
CHR16	2308772	CHR16:2308772	SSF x Near_LoA	-9,641	-0,104	0,287
CHR16	2312803	CHR16:2312803	SSF x Near_LoA	-6,630	-0,078	0,267
CHR16	2312811	CHR16:2312811	SSF x Near_LoA	-4,123	0,196	0,267
CHR16	2312817	CHR16:2312817	SSF x Near_LoA	-6,892	-0,070	0,271
CHR16	2312830	CHR16:2312830	SSF x Near_LoA	-7,717	-0,064	0,264
CHR16	2312873	CHR16:2312873	SSF x Near_LoA	-1,904	0,173	0,281
CHR16	2336946	CHR16:2336946	SSF x Near_LoA	-8,319	0,109	0,278
CHR16	2337105	CHR16:2337105	SSF x Near_LoA	-9,768	-0,008	0,297
CHR16	2337898	CHR16:2337898	SSF x Near_LoA	-1,533	0,157	0,288
CHR16	2337954	CHR16:2337954	SSF x Near_LoA	-6,016	0,022	0,297
CHR16	2338009	CHR16:2338009	SSF x Near_LoA	-7,953	0,052	0,290
CHR16	2357506	CHR16:2357506	SSF x Near_LoA	-5,845	0,068	0,274
CHR16	2357621	CHR16:2357621	SSF x Near_LoA	-9,991	0,075	0,278
CHR16	2357637	CHR16:2357637	SSF x Near_LoA	-9,787	-0,009	0,292
CHR16	2357638	CHR16:2357638	SSF x Near_LoA	-9,046	0,054	0,287
CHR16	2357665	CHR16:2357665	SSF x Near_LoA	-8,269	-0,161	0,268
CHR16	2366855	CHR16:2366855	SSF x Near_LoA	-7,693	0,032	0,292
CHR16	2366966	CHR16:2366966	SSF x Near_LoA	-5,036	-0,161	0,275
CHR16	2367173	CHR16:2367173	SSF x Near_LoA	-6,337	-0,124	0,280
CHR16	237024	CHR16:237024	SSF x Near_LoA	-7,375	0,154	0,272
CHR16	2374608	CHR16:2374608	SSF x Near_LoA	-5,036	0,118	0,289
CHR16	2374611	CHR16:2374611	SSF x Near_LoA	-6,399	0,151	0,286
CHR16	2374705	CHR16:2374705	SSF x Near_LoA	-8,294	0,072	0,290
CHR16	2385410	CHR16:2385410	SSF x Near_LoA	-7,477	-0,017	0,302
CHR16	2385455	CHR16:2385455	SSF x Near_LoA	-5,257	-0,190	0,262
CHR16	2385469	CHR16:2385469	SSF x Near_LoA	-9,090	-0,118	0,278
CHR16	2391308	CHR16:2391308	SSF x Near_LoA	-9,598	-0,024	0,295
CHR16	2391505	CHR16:2391505	SSF x Near_LoA	-10,123	0,023	0,286
CHR16	2391542	CHR16:2391542	SSF x Near_LoA	-10,082	-0,040	0,280
CHR16	2391654	CHR16:2391654	SSF x Near_LoA	-3,302	0,048	0,288
CHR16	2391667	CHR16:2391667	SSF x Near_LoA	-8,231	-0,032	0,293
CHR16	2408454	CHR16:2408454	SSF x Near_LoA	-8,350	0,078	0,269
CHR16	2408471	CHR16:2408471	SSF x Near_LoA	-5,679	0,061	0,294
CHR16	2408551	CHR16:2408551	SSF x Near_LoA	-7,019	-0,098	0,281
CHR16	2408639	CHR16:2408639	SSF x Near_LoA	-7,695	0,013	0,288
CHR16	2419689	CHR16:2419689	SSF x Near_LoA	-8,119	0,100	0,266
CHR16	2419844	CHR16:2419844	SSF x Near_LoA	-9,264	0,013	0,301
CHR16	2420027	CHR16:2420027	SSF x Near_LoA	-7,837	0,071	0,281
CHR16	2422889	CHR16:2422889	SSF x Near_LoA	-8,200	0,067	0,288
CHR16	2422935	CHR16:2422935	SSF x Near_LoA	-8,003	0,032	0,268
CHR16	2425446	CHR16:2425446	SSF x Near_LoA	-7,492	-0,124	0,286
CHR16	2472470	CHR16:2472470	SSF x Near_LoA	-7,522	0,044	0,290
CHR16	2475781	CHR16:2475781	SSF x Near_LoA	-7,462	0,024	0,282
CHR16	2479390	CHR16:2479390	SSF x Near_LoA	-7,907	0,049	0,290
CHR16	2479502	CHR16:2479502	SSF x Near_LoA	-7,724	-0,116	0,290

CHR16	2479510	CHR16:2479510	SSF x Near_LoA	-5,674	-0,113	0,290
CHR16	2481590	CHR16:2481590	SSF x Near_LoA	-9,254	0,124	0,279
CHR16	248335	CHR16:248335	SSF x Near_LoA	-9,320	-0,125	0,287
CHR16	2484593	CHR16:2484593	SSF x Near_LoA	-7,911	0,036	0,301
CHR16	2484625	CHR16:2484625	SSF x Near_LoA	-9,292	-0,102	0,287
CHR16	2484734	CHR16:2484734	SSF x Near_LoA	-9,612	0,033	0,289
CHR16	2484793	CHR16:2484793	SSF x Near_LoA	-6,054	0,163	0,287
CHR16	2484807	CHR16:2484807	SSF x Near_LoA	-6,396	-0,116	0,297
CHR16	2484844	CHR16:2484844	SSF x Near_LoA	-7,910	0,042	0,289
CHR16	2490432	CHR16:2490432	SSF x Near_LoA	-7,662	-0,073	0,284
CHR16	2490456	CHR16:2490456	SSF x Near_LoA	-8,365	-0,099	0,278
CHR16	2516718	CHR16:2516718	SSF x Near_LoA	-10,250	0,010	0,287
CHR16	2516778	CHR16:2516778	SSF x Near_LoA	-8,751	0,029	0,297
CHR16	2517080	CHR16:2517080	SSF x Near_LoA	-6,614	0,065	0,309
CHR16	2517081	CHR16:2517081	SSF x Near_LoA	-7,293	0,069	0,289
CHR16	2530083	CHR16:2530083	SSF x Near_LoA	-9,926	0,038	0,272
CHR16	2531247	CHR16:2531247	SSF x Near_LoA	-7,343	0,099	0,273
CHR16	2531277	CHR16:2531277	SSF x Near_LoA	-7,893	-0,031	0,291
CHR16	2548094	CHR16:2548094	SSF x Near_LoA	-6,293	-0,125	0,279
CHR16	2548189	CHR16:2548189	SSF x Near_LoA	-8,247	0,002	0,286
CHR16	2548190	CHR16:2548190	SSF x Near_LoA	-8,230	0,004	0,281
CHR16	2548231	CHR16:2548231	SSF x Near_LoA	-6,977	-0,042	0,285
CHR16	2548236	CHR16:2548236	SSF x Near_LoA	-2,826	0,179	0,290
CHR16	2548262	CHR16:2548262	SSF x Near_LoA	-6,513	-0,093	0,288
CHR16	2548307	CHR16:2548307	SSF x Near_LoA	-6,816	0,151	0,293
CHR16	2548318	CHR16:2548318	SSF x Near_LoA	-3,769	-0,255	0,270
CHR16	2548321	CHR16:2548321	SSF x Near_LoA	-8,909	-0,049	0,301
CHR16	2548330	CHR16:2548330	SSF x Near_LoA	-7,965	0,085	0,282
CHR16	2555211	CHR16:2555211	SSF x Near_LoA	-7,370	-0,012	0,286
CHR16	2555343	CHR16:2555343	SSF x Near_LoA	-7,163	-0,122	0,280
CHR16	2559794	CHR16:2559794	SSF x Near_LoA	-8,770	0,040	0,287
CHR16	2559826	CHR16:2559826	SSF x Near_LoA	-9,311	0,026	0,281
CHR16	2570373	CHR16:2570373	SSF x Near_LoA	-8,503	-0,087	0,280
CHR16	2570447	CHR16:2570447	SSF x Near_LoA	-6,846	0,126	0,275
CHR16	2570588	CHR16:2570588	SSF x Near_LoA	-6,691	0,195	0,277
CHR16	2586603	CHR16:2586603	SSF x Near_LoA	-7,867	0,121	0,287
CHR16	2586605	CHR16:2586605	SSF x Near_LoA	-8,921	0,082	0,279
CHR16	2586609	CHR16:2586609	SSF x Near_LoA	-7,325	0,093	0,276
CHR16	2586610	CHR16:2586610	SSF x Near_LoA	-9,671	0,135	0,275
CHR16	2586805	CHR16:2586805	SSF x Near_LoA	-5,717	-0,069	0,286
CHR16	2586820	CHR16:2586820	SSF x Near_LoA	-7,332	-0,052	0,290
CHR16	2593237	CHR16:2593237	SSF x Near_LoA	-4,645	-0,221	0,272
CHR16	2593238	CHR16:2593238	SSF x Near_LoA	-5,252	-0,145	0,281
CHR16	2593239	CHR16:2593239	SSF x Near_LoA	-7,084	-0,131	0,278
CHR16	2593257	CHR16:2593257	SSF x Near_LoA	-6,460	0,082	0,287
CHR16	2607663	CHR16:2607663	SSF x Near_LoA	-8,253	0,056	0,276
CHR16	2607677	CHR16:2607677	SSF x Near_LoA	-7,472	-0,031	0,285
CHR16	2607754	CHR16:2607754	SSF x Near_LoA	-8,933	0,047	0,301
CHR16	2607755	CHR16:2607755	SSF x Near_LoA	-8,679	-0,042	0,295
CHR16	2607760	CHR16:2607760	SSF x Near_LoA	-7,653	0,061	0,276
CHR16	2627201	CHR16:2627201	SSF x Near_LoA	-7,171	0,057	0,294
CHR16	2637149	CHR16:2637149	SSF x Near_LoA	-9,241	0,062	0,280
CHR16	2650653	CHR16:2650653	SSF x Near_LoA	-7,944	-0,122	0,273

CHR16	2683256	CHR16:2683256	SSF x Near_LoA	-4,022	0,003	0,294
CHR16	2690929	CHR16:2690929	SSF x Near_LoA	-9,824	0,077	0,270
CHR16	2690931	CHR16:2690931	SSF x Near_LoA	-8,684	-0,059	0,284
CHR16	2690949	CHR16:2690949	SSF x Near_LoA	-8,625	-0,079	0,295
CHR16	2691152	CHR16:2691152	SSF x Near_LoA	-7,362	-0,011	0,294
CHR16	2695207	CHR16:2695207	SSF x Near_LoA	-6,464	-0,183	0,269
CHR16	2698365	CHR16:2698365	SSF x Near_LoA	-9,995	0,085	0,281
CHR16	2698490	CHR16:2698490	SSF x Near_LoA	-9,264	0,051	0,291
CHR16	2698525	CHR16:2698525	SSF x Near_LoA	-8,829	0,103	0,286
CHR16	2701974	CHR16:2701974	SSF x Near_LoA	-9,412	0,034	0,299
CHR16	2740732	CHR16:2740732	SSF x Near_LoA	-7,011	0,083	0,291
CHR16	2748019	CHR16:2748019	SSF x Near_LoA	-10,109	-0,062	0,279
CHR16	2748041	CHR16:2748041	SSF x Near_LoA	-8,223	-0,040	0,297
CHR16	2829611	CHR16:2829611	SSF x Near_LoA	-8,102	-0,123	0,301
CHR16	2829665	CHR16:2829665	SSF x Near_LoA	-9,297	0,006	0,294
CHR16	2829776	CHR16:2829776	SSF x Near_LoA	-6,167	0,147	0,287
CHR16	2842000	CHR16:2842000	SSF x Near_LoA	-9,767	-0,044	0,284
CHR16	2842001	CHR16:2842001	SSF x Near_LoA	-9,306	-0,018	0,290
CHR16	289509	CHR16:289509	SSF x Near_LoA	-10,079	0,056	0,280
CHR16	289564	CHR16:289564	SSF x Near_LoA	-9,671	0,059	0,294
CHR16	2922924	CHR16:2922924	SSF x Near_LoA	-8,125	-0,012	0,292
CHR16	2922972	CHR16:2922972	SSF x Near_LoA	-8,641	0,059	0,284
CHR16	2927370	CHR16:2927370	SSF x Near_LoA	-7,366	-0,091	0,283
CHR16	2939223	CHR16:2939223	SSF x Near_LoA	-10,547	-0,063	0,296
CHR16	2939235	CHR16:2939235	SSF x Near_LoA	-8,267	-0,082	0,290
CHR16	2939280	CHR16:2939280	SSF x Near_LoA	-9,960	-0,053	0,293
CHR16	2949899	CHR16:2949899	SSF x Near_LoA	-7,903	0,016	0,287
CHR16	2950160	CHR16:2950160	SSF x Near_LoA	-7,303	0,001	0,286
CHR16	2956169	CHR16:2956169	SSF x Near_LoA	-8,070	0,070	0,282
CHR16	2957701	CHR16:2957701	SSF x Near_LoA	-8,664	-0,126	0,274
CHR16	3024594	CHR16:3024594	SSF x Near_LoA	-7,851	0,076	0,282
CHR16	3024684	CHR16:3024684	SSF x Near_LoA	-7,241	-0,037	0,291
CHR16	3049035	CHR16:3049035	SSF x Near_LoA	-9,646	0,045	0,275
CHR16	3049105	CHR16:3049105	SSF x Near_LoA	-9,468	0,046	0,289
CHR16	3049190	CHR16:3049190	SSF x Near_LoA	-7,800	0,095	0,269
CHR16	3049202	CHR16:3049202	SSF x Near_LoA	-7,092	0,082	0,283
CHR16	3049238	CHR16:3049238	SSF x Near_LoA	-7,261	0,016	0,296
CHR16	3049244	CHR16:3049244	SSF x Near_LoA	-8,871	-0,072	0,288
CHR16	3049265	CHR16:3049265	SSF x Near_LoA	-10,988	0,028	0,277
CHR16	3058667	CHR16:3058667	SSF x Near_LoA	-5,264	-0,136	0,281
CHR16	3058686	CHR16:3058686	SSF x Near_LoA	-9,641	0,010	0,289
CHR16	3076587	CHR16:3076587	SSF x Near_LoA	-8,875	0,081	0,279
CHR16	3076596	CHR16:3076596	SSF x Near_LoA	-7,950	0,100	0,282
CHR16	3076629	CHR16:3076629	SSF x Near_LoA	-8,400	0,015	0,289
CHR16	3076631	CHR16:3076631	SSF x Near_LoA	-6,847	0,007	0,298
CHR16	3076634	CHR16:3076634	SSF x Near_LoA	-5,259	-0,163	0,282
CHR16	3076679	CHR16:3076679	SSF x Near_LoA	-8,377	-0,097	0,276
CHR16	3078342	CHR16:3078342	SSF x Near_LoA	-6,385	0,114	0,283
CHR16	3078551	CHR16:3078551	SSF x Near_LoA	-8,937	0,036	0,278
CHR16	3083567	CHR16:3083567	SSF x Near_LoA	-7,086	0,070	0,300
CHR16	3083583	CHR16:3083583	SSF x Near_LoA	-7,964	0,092	0,282
CHR16	3083593	CHR16:3083593	SSF x Near_LoA	-9,059	-0,081	0,289
CHR16	3083667	CHR16:3083667	SSF x Near_LoA	-10,082	-0,049	0,285

CHR16	3083690	CHR16:3083690	SSF x Near_LoA	-8,499	0,106	0,278
CHR16	3100460	CHR16:3100460	SSF x Near_LoA	-9,355	0,017	0,286
CHR16	3100584	CHR16:3100584	SSF x Near_LoA	-3,608	-0,032	0,284
CHR16	3115803	CHR16:3115803	SSF x Near_LoA	-7,028	-0,146	0,273
CHR16	3115857	CHR16:3115857	SSF x Near_LoA	-5,709	0,185	0,275
CHR16	3117395	CHR16:3117395	SSF x Near_LoA	-5,905	-0,177	0,282
CHR16	3128783	CHR16:3128783	SSF x Near_LoA	-5,682	-0,175	0,294
CHR16	3128948	CHR16:3128948	SSF x Near_LoA	-7,254	0,066	0,292
CHR16	3130380	CHR16:3130380	SSF x Near_LoA	-8,478	0,014	0,281
CHR16	3130381	CHR16:3130381	SSF x Near_LoA	-3,821	-0,033	0,291
CHR16	3130427	CHR16:3130427	SSF x Near_LoA	-4,573	-0,227	0,285
CHR16	3130481	CHR16:3130481	SSF x Near_LoA	-7,751	0,006	0,289
CHR16	3133161	CHR16:3133161	SSF x Near_LoA	-8,904	-0,146	0,294
CHR16	3133168	CHR16:3133168	SSF x Near_LoA	-7,265	0,096	0,287
CHR16	3133295	CHR16:3133295	SSF x Near_LoA	-5,767	0,110	0,295
CHR16	3133321	CHR16:3133321	SSF x Near_LoA	-8,420	0,054	0,287
CHR16	3133421	CHR16:3133421	SSF x Near_LoA	-8,996	-0,005	0,299
CHR16	3133454	CHR16:3133454	SSF x Near_LoA	-9,102	-0,088	0,287
CHR16	3143224	CHR16:3143224	SSF x Near_LoA	-6,710	-0,010	0,295
CHR16	3165937	CHR16:3165937	SSF x Near_LoA	-6,018	0,032	0,296
CHR16	3184223	CHR16:3184223	SSF x Near_LoA	-4,877	-0,197	0,292
CHR16	3184474	CHR16:3184474	SSF x Near_LoA	-8,214	0,001	0,297
CHR16	3184518	CHR16:3184518	SSF x Near_LoA	-5,095	-0,176	0,282
CHR16	3209596	CHR16:3209596	SSF x Near_LoA	-5,837	-0,069	0,293
CHR16	3209832	CHR16:3209832	SSF x Near_LoA	-7,743	-0,072	0,289
CHR16	3242903	CHR16:3242903	SSF x Near_LoA	-7,703	-0,016	0,290
CHR16	3242905	CHR16:3242905	SSF x Near_LoA	-6,549	0,089	0,300
CHR16	3242976	CHR16:3242976	SSF x Near_LoA	-7,244	0,003	0,294
CHR16	3243810	CHR16:3243810	SSF x Near_LoA	-5,677	-0,061	0,290
CHR16	3243838	CHR16:3243838	SSF x Near_LoA	-9,176	-0,039	0,285
CHR16	3243899	CHR16:3243899	SSF x Near_LoA	-7,104	0,041	0,277
CHR16	3245748	CHR16:3245748	SSF x Near_LoA	-7,972	0,067	0,296
CHR16	3245781	CHR16:3245781	SSF x Near_LoA	-9,117	-0,006	0,289
CHR16	3245909	CHR16:3245909	SSF x Near_LoA	-6,554	-0,206	0,287
CHR16	3250589	CHR16:3250589	SSF x Near_LoA	-8,981	-0,028	0,291
CHR16	3250611	CHR16:3250611	SSF x Near_LoA	-10,041	0,056	0,281
CHR16	3250667	CHR16:3250667	SSF x Near_LoA	-5,681	-0,090	0,313
CHR16	3250747	CHR16:3250747	SSF x Near_LoA	-9,608	-0,046	0,277
CHR16	3250935	CHR16:3250935	SSF x Near_LoA	-8,195	0,004	0,285
CHR16	3269718	CHR16:3269718	SSF x Near_LoA	-7,250	0,038	0,294
CHR16	3300285	CHR16:3300285	SSF x Near_LoA	-6,822	-0,117	0,285
CHR16	3300459	CHR16:3300459	SSF x Near_LoA	-6,836	0,016	0,294
CHR16	3308155	CHR16:3308155	SSF x Near_LoA	-8,943	0,050	0,297
CHR16	3308242	CHR16:3308242	SSF x Near_LoA	-9,529	0,004	0,293
CHR16	3322845	CHR16:3322845	SSF x Near_LoA	-5,260	-0,146	0,271
CHR16	3352084	CHR16:3352084	SSF x Near_LoA	-7,794	0,091	0,279
CHR16	3352088	CHR16:3352088	SSF x Near_LoA	-8,714	0,052	0,292
CHR16	3352164	CHR16:3352164	SSF x Near_LoA	-6,351	0,082	0,275
CHR16	3352166	CHR16:3352166	SSF x Near_LoA	-7,312	-0,049	0,291
CHR16	3352278	CHR16:3352278	SSF x Near_LoA	-9,142	0,042	0,274
CHR16	3352291	CHR16:3352291	SSF x Near_LoA	-7,184	0,012	0,292
CHR16	3352469	CHR16:3352469	SSF x Near_LoA	-8,297	-0,044	0,279
CHR16	3352478	CHR16:3352478	SSF x Near_LoA	-0,594	0,084	0,300

CHR16	3373475	CHR16:3373475	SSF x Near_LoA	-6,855	-0,119	0,275
CHR16	3373548	CHR16:3373548	SSF x Near_LoA	-9,712	0,024	0,290
CHR16	3373556	CHR16:3373556	SSF x Near_LoA	-10,042	0,041	0,293
CHR16	3373560	CHR16:3373560	SSF x Near_LoA	-9,439	0,032	0,293
CHR16	3373567	CHR16:3373567	SSF x Near_LoA	-6,754	-0,070	0,280
CHR16	3375598	CHR16:3375598	SSF x Near_LoA	-8,881	0,122	0,300
CHR16	3375690	CHR16:3375690	SSF x Near_LoA	-8,921	0,074	0,276
CHR16	3375721	CHR16:3375721	SSF x Near_LoA	-8,553	0,008	0,280
CHR16	3383026	CHR16:3383026	SSF x Near_LoA	-5,999	-0,056	0,291
CHR16	3383184	CHR16:3383184	SSF x Near_LoA	-10,302	-0,070	0,287
CHR16	3383292	CHR16:3383292	SSF x Near_LoA	-8,356	-0,024	0,277
CHR16	338737	CHR16:338737	SSF x Near_LoA	-10,325	0,072	0,291
CHR16	3389639	CHR16:3389639	SSF x Near_LoA	-8,996	0,039	0,293
CHR16	3389963	CHR16:3389963	SSF x Near_LoA	-0,958	-0,003	0,284
CHR16	3410028	CHR16:3410028	SSF x Near_LoA	-7,808	-0,026	0,291
CHR16	3410038	CHR16:3410038	SSF x Near_LoA	-6,938	-0,125	0,298
CHR16	3412331	CHR16:3412331	SSF x Near_LoA	-9,988	-0,048	0,280
CHR16	3412421	CHR16:3412421	SSF x Near_LoA	-9,206	-0,053	0,294
CHR16	3443338	CHR16:3443338	SSF x Near_LoA	-10,058	-0,045	0,277
CHR16	3445922	CHR16:3445922	SSF x Near_LoA	-10,710	-0,048	0,292
CHR16	3445967	CHR16:3445967	SSF x Near_LoA	-6,130	-0,157	0,295
CHR16	3445994	CHR16:3445994	SSF x Near_LoA	-10,246	0,014	0,282
CHR16	3446035	CHR16:3446035	SSF x Near_LoA	-3,171	-0,237	0,278
CHR16	3446138	CHR16:3446138	SSF x Near_LoA	-1,562	0,091	0,283
CHR16	3446176	CHR16:3446176	SSF x Near_LoA	-8,354	0,091	0,288
CHR16	3446186	CHR16:3446186	SSF x Near_LoA	-5,891	0,157	0,283
CHR16	3446197	CHR16:3446197	SSF x Near_LoA	-3,858	0,174	0,284
CHR16	3446204	CHR16:3446204	SSF x Near_LoA	-0,941	0,176	0,275
CHR16	3446208	CHR16:3446208	SSF x Near_LoA	-4,493	-0,223	0,274
CHR16	3452837	CHR16:3452837	SSF x Near_LoA	-7,937	-0,036	0,297
CHR16	3452883	CHR16:3452883	SSF x Near_LoA	-8,239	-0,061	0,273
CHR16	345312	CHR16:345312	SSF x Near_LoA	-9,746	-0,102	0,282
CHR16	3456222	CHR16:3456222	SSF x Near_LoA	-7,622	0,071	0,303
CHR16	3456226	CHR16:3456226	SSF x Near_LoA	-7,847	-0,014	0,281
CHR16	3457709	CHR16:3457709	SSF x Near_LoA	-7,180	0,014	0,294
CHR16	3461793	CHR16:3461793	SSF x Near_LoA	-9,417	0,023	0,298
CHR16	3461927	CHR16:3461927	SSF x Near_LoA	-8,779	-0,089	0,290
CHR16	3469147	CHR16:3469147	SSF x Near_LoA	-10,760	-0,061	0,286
CHR16	3469375	CHR16:3469375	SSF x Near_LoA	-5,564	0,024	0,283
CHR16	3476213	CHR16:3476213	SSF x Near_LoA	-8,080	-0,041	0,288
CHR16	3476221	CHR16:3476221	SSF x Near_LoA	-7,763	-0,052	0,289
CHR16	3476231	CHR16:3476231	SSF x Near_LoA	-8,616	-0,027	0,280
CHR16	3480396	CHR16:3480396	SSF x Near_LoA	-8,520	0,053	0,273
CHR16	3489633	CHR16:3489633	SSF x Near_LoA	-4,468	-0,036	0,291
CHR16	3506075	CHR16:3506075	SSF x Near_LoA	1,643	-0,286	0,268
CHR16	3517260	CHR16:3517260	SSF x Near_LoA	-7,762	-0,024	0,299
CHR16	353219	CHR16:353219	SSF x Near_LoA	-8,608	-0,066	0,280
CHR16	353220	CHR16:353220	SSF x Near_LoA	-7,352	-0,054	0,284
CHR16	353230	CHR16:353230	SSF x Near_LoA	-8,359	-0,031	0,277
CHR16	353234	CHR16:353234	SSF x Near_LoA	-9,295	-0,044	0,287
CHR16	3556754	CHR16:3556754	SSF x Near_LoA	-9,354	-0,018	0,291
CHR16	3558017	CHR16:3558017	SSF x Near_LoA	-8,684	0,075	0,277
CHR16	3679816	CHR16:3679816	SSF x Near_LoA	-8,777	0,132	0,275

CHR16	368193	CHR16:368193	SSF x Near_LoA	-9,561	0,041	0,288
CHR16	3713644	CHR16:3713644	SSF x Near_LoA	-6,816	-0,102	0,272
CHR16	3713846	CHR16:3713846	SSF x Near_LoA	-9,685	0,109	0,273
CHR16	3720887	CHR16:3720887	SSF x Near_LoA	-6,358	-0,119	0,277
CHR16	3720896	CHR16:3720896	SSF x Near_LoA	-6,576	-0,125	0,270
CHR16	3726709	CHR16:3726709	SSF x Near_LoA	-5,601	0,181	0,295
CHR16	3731236	CHR16:3731236	SSF x Near_LoA	-6,425	-0,006	0,286
CHR16	3743499	CHR16:3743499	SSF x Near_LoA	-6,390	-0,049	0,291
CHR16	3743506	CHR16:3743506	SSF x Near_LoA	-6,435	-0,187	0,269
CHR16	3752414	CHR16:3752414	SSF x Near_LoA	-8,243	0,018	0,292
CHR16	3752449	CHR16:3752449	SSF x Near_LoA	-9,338	0,025	0,283
CHR16	3752469	CHR16:3752469	SSF x Near_LoA	-8,375	-0,102	0,280
CHR16	3752538	CHR16:3752538	SSF x Near_LoA	-7,478	0,044	0,277
CHR16	3760811	CHR16:3760811	SSF x Near_LoA	-8,334	-0,028	0,286
CHR16	3779246	CHR16:3779246	SSF x Near_LoA	-3,679	0,181	0,269
CHR16	3897348	CHR16:3897348	SSF x Near_LoA	-6,661	0,189	0,279
CHR16	3900397	CHR16:3900397	SSF x Near_LoA	-8,239	0,020	0,279
CHR16	3909532	CHR16:3909532	SSF x Near_LoA	-4,890	0,230	0,276
CHR16	3918619	CHR16:3918619	SSF x Near_LoA	-7,799	0,085	0,281
CHR16	3918634	CHR16:3918634	SSF x Near_LoA	-5,451	0,207	0,291
CHR16	3934469	CHR16:3934469	SSF x Near_LoA	-8,037	-0,135	0,287
CHR16	3940084	CHR16:3940084	SSF x Near_LoA	-7,493	0,005	0,291
CHR16	3940130	CHR16:3940130	SSF x Near_LoA	-7,201	0,074	0,281
CHR16	3940174	CHR16:3940174	SSF x Near_LoA	-7,297	0,044	0,288
CHR16	3940179	CHR16:3940179	SSF x Near_LoA	-6,315	-0,060	0,283
CHR16	3946389	CHR16:3946389	SSF x Near_LoA	-8,883	-0,083	0,275
CHR16	3946391	CHR16:3946391	SSF x Near_LoA	-9,492	-0,046	0,293
CHR16	3946533	CHR16:3946533	SSF x Near_LoA	-7,423	-0,129	0,299
CHR16	3946542	CHR16:3946542	SSF x Near_LoA	-10,361	-0,042	0,279
CHR16	3954586	CHR16:3954586	SSF x Near_LoA	-5,033	-0,103	0,286
CHR16	3954712	CHR16:3954712	SSF x Near_LoA	3,418	0,201	0,278
CHR16	3966580	CHR16:3966580	SSF x Near_LoA	-9,716	-0,055	0,292
CHR16	3966599	CHR16:3966599	SSF x Near_LoA	-9,252	0,005	0,276
CHR16	3966644	CHR16:3966644	SSF x Near_LoA	-10,239	-0,014	0,290
CHR16	3966746	CHR16:3966746	SSF x Near_LoA	-9,494	0,013	0,295
CHR16	3994946	CHR16:3994946	SSF x Near_LoA	-8,829	-0,114	0,283
CHR16	3995039	CHR16:3995039	SSF x Near_LoA	-9,928	0,019	0,305
CHR16	4008667	CHR16:4008667	SSF x Near_LoA	-8,397	-0,027	0,272
CHR16	4008710	CHR16:4008710	SSF x Near_LoA	-4,875	0,158	0,276
CHR16	4027837	CHR16:4027837	SSF x Near_LoA	-10,109	-0,072	0,303
CHR16	4027850	CHR16:4027850	SSF x Near_LoA	-1,482	0,185	0,275
CHR16	403166	CHR16:403166	SSF x Near_LoA	-8,542	0,144	0,291
CHR16	4042880	CHR16:4042880	SSF x Near_LoA	-8,014	0,057	0,281
CHR16	4042881	CHR16:4042881	SSF x Near_LoA	-7,244	-0,115	0,281
CHR16	4043056	CHR16:4043056	SSF x Near_LoA	-6,144	0,111	0,281
CHR16	4044515	CHR16:4044515	SSF x Near_LoA	-7,767	-0,067	0,302
CHR16	4049473	CHR16:4049473	SSF x Near_LoA	-10,002	0,045	0,290
CHR16	4049505	CHR16:4049505	SSF x Near_LoA	-10,354	0,065	0,293
CHR16	4102051	CHR16:4102051	SSF x Near_LoA	-8,983	-0,026	0,288
CHR16	4102113	CHR16:4102113	SSF x Near_LoA	-8,506	-0,086	0,284
CHR16	4102130	CHR16:4102130	SSF x Near_LoA	-4,768	-0,230	0,282
CHR16	4102200	CHR16:4102200	SSF x Near_LoA	2,601	-0,153	0,267
CHR16	4103828	CHR16:4103828	SSF x Near_LoA	-6,838	0,184	0,289

CHR16	4103884	CHR16:4103884	SSF x Near_LoA	-7,324	-0,111	0,288
CHR16	4103945	CHR16:4103945	SSF x Near_LoA	-8,586	0,008	0,271
CHR16	4109945	CHR16:4109945	SSF x Near_LoA	-9,637	0,062	0,300
CHR16	4109949	CHR16:4109949	SSF x Near_LoA	-10,408	-0,071	0,293
CHR16	4109952	CHR16:4109952	SSF x Near_LoA	-8,929	0,099	0,293
CHR16	4109955	CHR16:4109955	SSF x Near_LoA	-10,223	0,038	0,286
CHR16	4109993	CHR16:4109993	SSF x Near_LoA	-7,925	-0,136	0,285
CHR16	4110005	CHR16:4110005	SSF x Near_LoA	-6,637	0,095	0,294
CHR16	4110066	CHR16:4110066	SSF x Near_LoA	-7,437	0,083	0,294
CHR16	4110073	CHR16:4110073	SSF x Near_LoA	-7,815	0,056	0,288
CHR16	4110129	CHR16:4110129	SSF x Near_LoA	-8,403	-0,005	0,297
CHR16	4110163	CHR16:4110163	SSF x Near_LoA	-8,124	-0,032	0,277
CHR16	4110188	CHR16:4110188	SSF x Near_LoA	-7,905	-0,017	0,278
CHR16	4125656	CHR16:4125656	SSF x Near_LoA	-8,145	0,084	0,280
CHR16	4125734	CHR16:4125734	SSF x Near_LoA	-10,114	0,035	0,280
CHR16	4135471	CHR16:4135471	SSF x Near_LoA	-8,722	-0,027	0,275
CHR16	4135477	CHR16:4135477	SSF x Near_LoA	-1,258	-0,178	0,278
CHR16	4135498	CHR16:4135498	SSF x Near_LoA	-4,373	-0,170	0,284
CHR16	4135514	CHR16:4135514	SSF x Near_LoA	-4,742	-0,157	0,290
CHR16	4135526	CHR16:4135526	SSF x Near_LoA	-6,973	-0,177	0,276
CHR16	4135530	CHR16:4135530	SSF x Near_LoA	-5,291	-0,184	0,277
CHR16	4135586	CHR16:4135586	SSF x Near_LoA	-7,139	0,100	0,285
CHR16	4135601	CHR16:4135601	SSF x Near_LoA	-10,155	-0,010	0,273
CHR16	4135651	CHR16:4135651	SSF x Near_LoA	-7,714	0,049	0,292
CHR16	4135660	CHR16:4135660	SSF x Near_LoA	-8,198	0,044	0,287
CHR16	4135671	CHR16:4135671	SSF x Near_LoA	-8,261	0,022	0,292
CHR16	4142302	CHR16:4142302	SSF x Near_LoA	-6,216	-0,094	0,289
CHR16	4142371	CHR16:4142371	SSF x Near_LoA	-8,178	0,170	0,274
CHR16	4142383	CHR16:4142383	SSF x Near_LoA	-6,960	0,073	0,268
CHR16	4142476	CHR16:4142476	SSF x Near_LoA	-8,384	0,178	0,283
CHR16	4145604	CHR16:4145604	SSF x Near_LoA	-3,909	0,276	0,270
CHR16	4145707	CHR16:4145707	SSF x Near_LoA	-9,288	-0,067	0,299
CHR16	4145790	CHR16:4145790	SSF x Near_LoA	-8,718	0,097	0,288
CHR16	4149840	CHR16:4149840	SSF x Near_LoA	-5,255	0,154	0,283
CHR16	4169635	CHR16:4169635	SSF x Near_LoA	-9,738	-0,015	0,293
CHR16	4169670	CHR16:4169670	SSF x Near_LoA	-7,408	0,002	0,301
CHR16	4180062	CHR16:4180062	SSF x Near_LoA	-8,033	0,008	0,281
CHR16	4183871	CHR16:4183871	SSF x Near_LoA	-7,202	-0,115	0,284
CHR16	4183988	CHR16:4183988	SSF x Near_LoA	-7,460	-0,009	0,308
CHR16	4205508	CHR16:4205508	SSF x Near_LoA	-9,536	-0,110	0,273
CHR16	4205654	CHR16:4205654	SSF x Near_LoA	-5,147	-0,138	0,296
CHR16	4205666	CHR16:4205666	SSF x Near_LoA	-6,369	-0,110	0,294
CHR16	4205701	CHR16:4205701	SSF x Near_LoA	-7,896	-0,111	0,287
CHR16	4205748	CHR16:4205748	SSF x Near_LoA	-7,456	-0,087	0,289
CHR16	420747	CHR16:420747	SSF x Near_LoA	-10,586	-0,007	0,290
CHR16	4211705	CHR16:4211705	SSF x Near_LoA	-8,313	-0,083	0,281
CHR16	4216151	CHR16:4216151	SSF x Near_LoA	-7,793	0,018	0,280
CHR16	4252750	CHR16:4252750	SSF x Near_LoA	-9,450	-0,060	0,279
CHR16	4253535	CHR16:4253535	SSF x Near_LoA	-7,401	-0,008	0,294
CHR16	4253552	CHR16:4253552	SSF x Near_LoA	-10,450	-0,052	0,284
CHR16	4253553	CHR16:4253553	SSF x Near_LoA	-3,849	-0,001	0,291
CHR16	4253555	CHR16:4253555	SSF x Near_LoA	-7,839	0,052	0,279
CHR16	4253584	CHR16:4253584	SSF x Near_LoA	-8,152	0,053	0,289

CHR16	4253622	CHR16:4253622	SSF x Near_LoA	-7,396	0,027	0,292
CHR16	4253623	CHR16:4253623	SSF x Near_LoA	-7,590	0,013	0,283
CHR16	4255441	CHR16:4255441	SSF x Near_LoA	-8,407	0,149	0,273
CHR16	4266429	CHR16:4266429	SSF x Near_LoA	-8,402	-0,032	0,281
CHR16	429321	CHR16:429321	SSF x Near_LoA	-6,891	-0,049	0,292
CHR16	429336	CHR16:429336	SSF x Near_LoA	-7,458	-0,115	0,282
CHR16	429471	CHR16:429471	SSF x Near_LoA	-9,658	0,007	0,299
CHR16	4317164	CHR16:4317164	SSF x Near_LoA	-7,249	0,031	0,269
CHR16	4322079	CHR16:4322079	SSF x Near_LoA	-0,916	-0,194	0,273
CHR16	4324634	CHR16:4324634	SSF x Near_LoA	-9,816	-0,072	0,268
CHR16	4328520	CHR16:4328520	SSF x Near_LoA	-8,934	-0,050	0,296
CHR16	4328617	CHR16:4328617	SSF x Near_LoA	-8,396	-0,044	0,285
CHR16	433047	CHR16:433047	SSF x Near_LoA	-6,062	-0,152	0,290
CHR16	433265	CHR16:433265	SSF x Near_LoA	-10,948	0,069	0,276
CHR16	4341977	CHR16:4341977	SSF x Near_LoA	-8,077	-0,053	0,289
CHR16	4341994	CHR16:4341994	SSF x Near_LoA	-9,206	0,099	0,291
CHR16	4342182	CHR16:4342182	SSF x Near_LoA	-10,366	0,035	0,266
CHR16	4349643	CHR16:4349643	SSF x Near_LoA	-7,855	-0,083	0,295
CHR16	4349659	CHR16:4349659	SSF x Near_LoA	-3,687	0,162	0,283
CHR16	4349687	CHR16:4349687	SSF x Near_LoA	-7,421	0,149	0,277
CHR16	4349794	CHR16:4349794	SSF x Near_LoA	-5,350	0,196	0,281
CHR16	4359214	CHR16:4359214	SSF x Near_LoA	-9,955	-0,024	0,277
CHR16	4374213	CHR16:4374213	SSF x Near_LoA	-9,510	0,051	0,285
CHR16	4383724	CHR16:4383724	SSF x Near_LoA	-7,277	-0,013	0,279
CHR16	4383725	CHR16:4383725	SSF x Near_LoA	-7,695	-0,034	0,277
CHR16	4383747	CHR16:4383747	SSF x Near_LoA	-8,923	-0,058	0,291
CHR16	4383780	CHR16:4383780	SSF x Near_LoA	-7,233	0,063	0,280
CHR16	4399836	CHR16:4399836	SSF x Near_LoA	-7,434	0,107	0,267
CHR16	4399837	CHR16:4399837	SSF x Near_LoA	-9,426	0,008	0,292
CHR16	4399899	CHR16:4399899	SSF x Near_LoA	-9,088	-0,010	0,289
CHR16	4399912	CHR16:4399912	SSF x Near_LoA	-8,653	0,129	0,292
CHR16	4399916	CHR16:4399916	SSF x Near_LoA	-8,155	0,011	0,283
CHR16	4399939	CHR16:4399939	SSF x Near_LoA	-11,124	-0,020	0,278
CHR16	4399942	CHR16:4399942	SSF x Near_LoA	-7,806	0,071	0,270
CHR16	4399985	CHR16:4399985	SSF x Near_LoA	-8,065	0,137	0,294
CHR16	4400142	CHR16:4400142	SSF x Near_LoA	-7,588	-0,049	0,289
CHR16	4400162	CHR16:4400162	SSF x Near_LoA	-5,937	-0,002	0,287
CHR16	4403814	CHR16:4403814	SSF x Near_LoA	-2,037	-0,144	0,289
CHR16	4405691	CHR16:4405691	SSF x Near_LoA	-8,585	-0,189	0,288
CHR16	4419322	CHR16:4419322	SSF x Near_LoA	-5,159	0,063	0,295
CHR16	4419473	CHR16:4419473	SSF x Near_LoA	-5,378	0,083	0,289
CHR16	4419510	CHR16:4419510	SSF x Near_LoA	-8,262	0,149	0,285
CHR16	4419517	CHR16:4419517	SSF x Near_LoA	-10,268	0,036	0,281
CHR16	4420656	CHR16:4420656	SSF x Near_LoA	-9,594	0,015	0,275
CHR16	4420657	CHR16:4420657	SSF x Near_LoA	-10,603	0,055	0,285
CHR16	4420664	CHR16:4420664	SSF x Near_LoA	-9,458	0,089	0,299
CHR16	4420713	CHR16:4420713	SSF x Near_LoA	-8,866	0,025	0,299
CHR16	4420780	CHR16:4420780	SSF x Near_LoA	-7,840	-0,029	0,293
CHR16	4420862	CHR16:4420862	SSF x Near_LoA	-9,729	0,007	0,288
CHR16	4430697	CHR16:4430697	SSF x Near_LoA	-9,629	-0,043	0,290
CHR16	4432256	CHR16:4432256	SSF x Near_LoA	-5,698	0,142	0,289
CHR16	4432295	CHR16:4432295	SSF x Near_LoA	-9,643	0,054	0,280
CHR16	4435101	CHR16:4435101	SSF x Near_LoA	-8,721	0,011	0,295

CHR16	4438578	CHR16:4438578	SSF x Near_LoA	-9,167	0,036	0,283
CHR16	4438662	CHR16:4438662	SSF x Near_LoA	-9,029	0,026	0,290
CHR16	4438739	CHR16:4438739	SSF x Near_LoA	-9,224	-0,054	0,290
CHR16	4438763	CHR16:4438763	SSF x Near_LoA	-8,502	-0,112	0,283
CHR16	4438796	CHR16:4438796	SSF x Near_LoA	-11,039	-0,025	0,274
CHR16	4438882	CHR16:4438882	SSF x Near_LoA	-2,458	0,019	0,286
CHR16	4438889	CHR16:4438889	SSF x Near_LoA	-6,360	-0,064	0,298
CHR16	4438903	CHR16:4438903	SSF x Near_LoA	-8,679	0,085	0,294
CHR16	4438916	CHR16:4438916	SSF x Near_LoA	-9,872	0,089	0,278
CHR16	4438937	CHR16:4438937	SSF x Near_LoA	-4,426	-0,181	0,285
CHR16	4438943	CHR16:4438943	SSF x Near_LoA	-8,078	-0,154	0,283
CHR16	4438960	CHR16:4438960	SSF x Near_LoA	-7,693	-0,114	0,295
CHR16	4438966	CHR16:4438966	SSF x Near_LoA	-8,386	-0,172	0,274
CHR16	444019	CHR16:444019	SSF x Near_LoA	-8,656	-0,007	0,288
CHR16	444032	CHR16:444032	SSF x Near_LoA	-7,259	0,054	0,300
CHR16	444065	CHR16:444065	SSF x Near_LoA	-8,312	-0,125	0,288
CHR16	444261	CHR16:444261	SSF x Near_LoA	-5,515	-0,196	0,278
CHR16	4443583	CHR16:4443583	SSF x Near_LoA	-2,345	-0,234	0,276
CHR16	4443669	CHR16:4443669	SSF x Near_LoA	-7,779	0,184	0,266
CHR16	444420	CHR16:444420	SSF x Near_LoA	-8,705	-0,096	0,298
CHR16	444424	CHR16:444424	SSF x Near_LoA	-5,761	-0,188	0,285
CHR16	444436	CHR16:444436	SSF x Near_LoA	-10,212	0,087	0,269
CHR16	444477	CHR16:444477	SSF x Near_LoA	-7,719	0,161	0,284
CHR16	4453655	CHR16:4453655	SSF x Near_LoA	-7,963	-0,058	0,296
CHR16	4453670	CHR16:4453670	SSF x Near_LoA	-9,305	0,044	0,274
CHR16	4453671	CHR16:4453671	SSF x Near_LoA	-8,038	0,067	0,286
CHR16	4456497	CHR16:4456497	SSF x Near_LoA	-8,012	-0,173	0,280
CHR16	4456539	CHR16:4456539	SSF x Near_LoA	-7,536	-0,131	0,289
CHR16	4457440	CHR16:4457440	SSF x Near_LoA	-6,701	-0,148	0,289
CHR16	4462988	CHR16:4462988	SSF x Near_LoA	-10,064	0,065	0,290
CHR16	4463003	CHR16:4463003	SSF x Near_LoA	-7,517	-0,058	0,295
CHR16	4463053	CHR16:4463053	SSF x Near_LoA	-7,657	-0,064	0,261
CHR16	4463079	CHR16:4463079	SSF x Near_LoA	-5,976	0,178	0,285
CHR16	4463156	CHR16:4463156	SSF x Near_LoA	-7,123	-0,112	0,299
CHR16	4463282	CHR16:4463282	SSF x Near_LoA	-9,291	-0,020	0,280
CHR16	4488428	CHR16:4488428	SSF x Near_LoA	-8,242	0,114	0,275
CHR16	4488468	CHR16:4488468	SSF x Near_LoA	-7,574	-0,092	0,269
CHR16	4488476	CHR16:4488476	SSF x Near_LoA	-7,434	0,038	0,283
CHR16	4491688	CHR16:4491688	SSF x Near_LoA	-6,080	0,037	0,299
CHR16	4491708	CHR16:4491708	SSF x Near_LoA	-9,184	0,084	0,285
CHR16	4491709	CHR16:4491709	SSF x Near_LoA	-9,161	0,088	0,281
CHR16	4491712	CHR16:4491712	SSF x Near_LoA	-8,964	-0,077	0,278
CHR16	4499996	CHR16:4499996	SSF x Near_LoA	-8,920	0,061	0,287
CHR16	4500009	CHR16:4500009	SSF x Near_LoA	-8,117	0,124	0,279
CHR16	4500012	CHR16:4500012	SSF x Near_LoA	-5,542	0,083	0,293
CHR16	4500017	CHR16:4500017	SSF x Near_LoA	-7,676	-0,097	0,297
CHR16	4500044	CHR16:4500044	SSF x Near_LoA	-7,438	0,021	0,293
CHR16	4500055	CHR16:4500055	SSF x Near_LoA	-7,246	-0,067	0,278
CHR16	4500057	CHR16:4500057	SSF x Near_LoA	-7,343	-0,118	0,289
CHR16	4500064	CHR16:4500064	SSF x Near_LoA	-7,689	-0,047	0,278
CHR16	4500105	CHR16:4500105	SSF x Near_LoA	-6,212	-0,035	0,303
CHR16	4500113	CHR16:4500113	SSF x Near_LoA	-8,133	0,114	0,287
CHR16	4500124	CHR16:4500124	SSF x Near_LoA	-8,397	0,105	0,283

CHR16	4500126	CHR16:4500126	SSF x Near_LoA	-9,661	-0,080	0,275
CHR16	4500229	CHR16:4500229	SSF x Near_LoA	-7,157	-0,126	0,276
CHR16	4500236	CHR16:4500236	SSF x Near_LoA	-5,532	0,128	0,285
CHR16	4500255	CHR16:4500255	SSF x Near_LoA	-6,296	0,179	0,271
CHR16	4503491	CHR16:4503491	SSF x Near_LoA	-10,642	0,002	0,292
CHR16	4503515	CHR16:4503515	SSF x Near_LoA	-9,946	-0,027	0,292
CHR16	4503519	CHR16:4503519	SSF x Near_LoA	-7,020	0,074	0,277
CHR16	4503575	CHR16:4503575	SSF x Near_LoA	-5,339	0,127	0,273
CHR16	4503596	CHR16:4503596	SSF x Near_LoA	-8,971	-0,023	0,285
CHR16	4503621	CHR16:4503621	SSF x Near_LoA	-4,382	0,116	0,282
CHR16	4503727	CHR16:4503727	SSF x Near_LoA	-7,744	0,133	0,280
CHR16	4503735	CHR16:4503735	SSF x Near_LoA	-7,322	0,116	0,275
CHR16	4503741	CHR16:4503741	SSF x Near_LoA	-9,044	-0,149	0,277
CHR16	4505377	CHR16:4505377	SSF x Near_LoA	-7,932	0,040	0,295
CHR16	4505442	CHR16:4505442	SSF x Near_LoA	-5,011	0,246	0,285
CHR16	4505477	CHR16:4505477	SSF x Near_LoA	-10,038	-0,014	0,287
CHR16	4505497	CHR16:4505497	SSF x Near_LoA	-5,478	-0,032	0,297
CHR16	4513246	CHR16:4513246	SSF x Near_LoA	-7,372	0,036	0,282
CHR16	4532092	CHR16:4532092	SSF x Near_LoA	-9,515	-0,146	0,284
CHR16	4532127	CHR16:4532127	SSF x Near_LoA	-6,244	-0,068	0,302
CHR16	4532168	CHR16:4532168	SSF x Near_LoA	-10,254	-0,002	0,290
CHR16	4533436	CHR16:4533436	SSF x Near_LoA	-5,053	-0,145	0,283
CHR16	4533450	CHR16:4533450	SSF x Near_LoA	-8,684	0,136	0,285
CHR16	4533456	CHR16:4533456	SSF x Near_LoA	-6,564	0,086	0,301
CHR16	4534130	CHR16:4534130	SSF x Near_LoA	-7,042	-0,148	0,288
CHR16	4534133	CHR16:4534133	SSF x Near_LoA	-9,408	-0,004	0,302
CHR16	4534136	CHR16:4534136	SSF x Near_LoA	-9,835	-0,109	0,281
CHR16	4534140	CHR16:4534140	SSF x Near_LoA	-8,820	-0,041	0,287
CHR16	4534201	CHR16:4534201	SSF x Near_LoA	-5,708	0,028	0,291
CHR16	453556	CHR16:453556	SSF x Near_LoA	-5,067	-0,177	0,297
CHR16	453585	CHR16:453585	SSF x Near_LoA	-9,408	-0,025	0,285
CHR16	453760	CHR16:453760	SSF x Near_LoA	-9,051	-0,048	0,283
CHR16	4558200	CHR16:4558200	SSF x Near_LoA	-5,789	0,124	0,270
CHR16	4558202	CHR16:4558202	SSF x Near_LoA	-2,275	0,085	0,290
CHR16	4558245	CHR16:4558245	SSF x Near_LoA	-5,405	0,134	0,288
CHR16	4558316	CHR16:4558316	SSF x Near_LoA	-9,326	0,104	0,285
CHR16	4558360	CHR16:4558360	SSF x Near_LoA	-5,195	0,177	0,286
CHR16	4565105	CHR16:4565105	SSF x Near_LoA	-7,763	-0,081	0,263
CHR16	4570563	CHR16:4570563	SSF x Near_LoA	-6,899	-0,060	0,285
CHR16	4570791	CHR16:4570791	SSF x Near_LoA	-7,337	0,138	0,264
CHR16	4570810	CHR16:4570810	SSF x Near_LoA	-6,592	0,132	0,289
CHR16	4570822	CHR16:4570822	SSF x Near_LoA	-6,751	0,122	0,280
CHR16	4570826	CHR16:4570826	SSF x Near_LoA	-6,983	0,148	0,278
CHR16	4586089	CHR16:4586089	SSF x Near_LoA	-5,618	0,079	0,281
CHR16	4586093	CHR16:4586093	SSF x Near_LoA	-7,865	0,019	0,275
CHR16	4586100	CHR16:4586100	SSF x Near_LoA	-9,413	0,018	0,280
CHR16	4586104	CHR16:4586104	SSF x Near_LoA	-7,805	0,062	0,277
CHR16	4586141	CHR16:4586141	SSF x Near_LoA	-8,635	0,008	0,285
CHR16	4589998	CHR16:4589998	SSF x Near_LoA	-5,989	0,017	0,295
CHR16	4590128	CHR16:4590128	SSF x Near_LoA	-3,033	0,239	0,270
CHR16	4590462	CHR16:4590462	SSF x Near_LoA	-8,461	-0,158	0,267
CHR16	4590483	CHR16:4590483	SSF x Near_LoA	-9,570	0,008	0,276
CHR16	4590509	CHR16:4590509	SSF x Near_LoA	-7,538	-0,034	0,287

CHR16	4590531	CHR16:4590531	SSF x Near_LoA	-7,000	0,094	0,275
CHR16	4590542	CHR16:4590542	SSF x Near_LoA	-5,716	0,153	0,284
CHR16	4590569	CHR16:4590569	SSF x Near_LoA	-7,578	0,064	0,283
CHR16	4592330	CHR16:4592330	SSF x Near_LoA	-7,715	-0,038	0,287
CHR16	461127	CHR16:461127	SSF x Near_LoA	-10,561	0,009	0,283
CHR16	4622949	CHR16:4622949	SSF x Near_LoA	-6,580	-0,207	0,279
CHR16	4622979	CHR16:4622979	SSF x Near_LoA	-8,546	-0,113	0,271
CHR16	4623991	CHR16:4623991	SSF x Near_LoA	-6,472	-0,014	0,270
CHR16	4624002	CHR16:4624002	SSF x Near_LoA	-7,519	-0,099	0,293
CHR16	4624055	CHR16:4624055	SSF x Near_LoA	-9,284	0,018	0,282
CHR16	4632858	CHR16:4632858	SSF x Near_LoA	-5,497	-0,119	0,286
CHR16	4632939	CHR16:4632939	SSF x Near_LoA	-7,744	-0,110	0,278
CHR16	4637804	CHR16:4637804	SSF x Near_LoA	-6,861	-0,042	0,293
CHR16	4645027	CHR16:4645027	SSF x Near_LoA	-4,520	0,233	0,284
CHR16	4649772	CHR16:4649772	SSF x Near_LoA	-10,624	0,016	0,288
CHR16	4649851	CHR16:4649851	SSF x Near_LoA	-10,244	0,014	0,282
CHR16	4649927	CHR16:4649927	SSF x Near_LoA	-7,450	0,074	0,294
CHR16	4651241	CHR16:4651241	SSF x Near_LoA	-6,647	0,034	0,296
CHR16	4652382	CHR16:4652382	SSF x Near_LoA	-9,186	-0,002	0,289
CHR16	4674159	CHR16:4674159	SSF x Near_LoA	-7,979	-0,026	0,275
CHR16	4698079	CHR16:4698079	SSF x Near_LoA	-6,671	0,008	0,295
CHR16	4721865	CHR16:4721865	SSF x Near_LoA	-6,851	0,136	0,299
CHR16	4745149	CHR16:4745149	SSF x Near_LoA	-6,441	-0,080	0,288
CHR16	4750460	CHR16:4750460	SSF x Near_LoA	-8,023	0,014	0,289
CHR16	4750544	CHR16:4750544	SSF x Near_LoA	-7,079	-0,110	0,296
CHR16	4750595	CHR16:4750595	SSF x Near_LoA	-8,146	-0,051	0,296
CHR16	4750631	CHR16:4750631	SSF x Near_LoA	-9,427	-0,056	0,291
CHR16	4750661	CHR16:4750661	SSF x Near_LoA	-5,374	0,065	0,282
CHR16	4750663	CHR16:4750663	SSF x Near_LoA	-5,684	-0,004	0,283
CHR16	4750704	CHR16:4750704	SSF x Near_LoA	-7,466	-0,095	0,292
CHR16	4750777	CHR16:4750777	SSF x Near_LoA	-7,876	0,059	0,274
CHR16	4750888	CHR16:4750888	SSF x Near_LoA	-10,280	-0,109	0,272
CHR16	4756231	CHR16:4756231	SSF x Near_LoA	-5,535	-0,150	0,269
CHR16	4756351	CHR16:4756351	SSF x Near_LoA	-9,385	-0,014	0,281
CHR16	4756361	CHR16:4756361	SSF x Near_LoA	-6,946	0,104	0,277
CHR16	4756385	CHR16:4756385	SSF x Near_LoA	-7,428	0,096	0,280
CHR16	4756479	CHR16:4756479	SSF x Near_LoA	-4,955	0,187	0,273
CHR16	4756555	CHR16:4756555	SSF x Near_LoA	-8,592	-0,067	0,265
CHR16	4756599	CHR16:4756599	SSF x Near_LoA	-8,420	-0,033	0,291
CHR16	4764634	CHR16:4764634	SSF x Near_LoA	-9,727	-0,008	0,271
CHR16	4764994	CHR16:4764994	SSF x Near_LoA	-4,650	-0,192	0,279
CHR16	4765029	CHR16:4765029	SSF x Near_LoA	-6,064	-0,196	0,261
CHR16	4767778	CHR16:4767778	SSF x Near_LoA	-9,840	0,009	0,284
CHR16	4767795	CHR16:4767795	SSF x Near_LoA	-7,135	-0,044	0,295
CHR16	4767799	CHR16:4767799	SSF x Near_LoA	-4,856	-0,012	0,291
CHR16	4767831	CHR16:4767831	SSF x Near_LoA	-8,240	-0,018	0,280
CHR16	4767852	CHR16:4767852	SSF x Near_LoA	-7,219	-0,010	0,286
CHR16	4767880	CHR16:4767880	SSF x Near_LoA	-7,418	-0,073	0,291
CHR16	4767942	CHR16:4767942	SSF x Near_LoA	-8,385	-0,035	0,293
CHR16	4767972	CHR16:4767972	SSF x Near_LoA	-8,974	0,065	0,289
CHR16	4767973	CHR16:4767973	SSF x Near_LoA	-8,705	0,071	0,285
CHR16	4767984	CHR16:4767984	SSF x Near_LoA	-7,786	0,091	0,295
CHR16	4767989	CHR16:4767989	SSF x Near_LoA	-9,639	0,076	0,282

CHR16	4768035	CHR16:4768035	SSF x Near_LoA	-7,435	0,024	0,306
CHR16	4775951	CHR16:4775951	SSF x Near_LoA	-2,569	0,206	0,269
CHR16	4776137	CHR16:4776137	SSF x Near_LoA	-10,554	-0,001	0,267
CHR16	4783415	CHR16:4783415	SSF x Near_LoA	-6,729	-0,127	0,275
CHR16	4783609	CHR16:4783609	SSF x Near_LoA	-3,740	0,304	0,240
CHR16	4783628	CHR16:4783628	SSF x Near_LoA	-1,731	0,279	0,268
CHR16	4783630	CHR16:4783630	SSF x Near_LoA	-3,891	0,271	0,262
CHR16	4785174	CHR16:4785174	SSF x Near_LoA	-7,840	0,121	0,298
CHR16	4785270	CHR16:4785270	SSF x Near_LoA	-4,078	0,172	0,272
CHR16	4808211	CHR16:4808211	SSF x Near_LoA	-4,439	-0,161	0,286
CHR16	4808383	CHR16:4808383	SSF x Near_LoA	-9,187	-0,085	0,287
CHR16	4813021	CHR16:4813021	SSF x Near_LoA	-9,057	0,064	0,278
CHR16	4813035	CHR16:4813035	SSF x Near_LoA	-4,687	-0,039	0,297
CHR16	4813049	CHR16:4813049	SSF x Near_LoA	-7,457	0,048	0,295
CHR16	4813086	CHR16:4813086	SSF x Near_LoA	-6,975	0,016	0,275
CHR16	4813107	CHR16:4813107	SSF x Near_LoA	-8,849	0,041	0,288
CHR16	4816575	CHR16:4816575	SSF x Near_LoA	-6,677	-0,136	0,284
CHR16	4816658	CHR16:4816658	SSF x Near_LoA	-9,655	0,033	0,283
CHR16	4816682	CHR16:4816682	SSF x Near_LoA	-8,905	0,052	0,288
CHR16	4816702	CHR16:4816702	SSF x Near_LoA	-7,746	0,127	0,277
CHR16	4820306	CHR16:4820306	SSF x Near_LoA	-3,447	-0,244	0,263
CHR16	4833381	CHR16:4833381	SSF x Near_LoA	1,221	0,255	0,281
CHR16	4833424	CHR16:4833424	SSF x Near_LoA	-5,712	0,178	0,267
CHR16	4833443	CHR16:4833443	SSF x Near_LoA	-8,521	0,051	0,283
CHR16	4833578	CHR16:4833578	SSF x Near_LoA	-9,507	0,019	0,305
CHR16	4842591	CHR16:4842591	SSF x Near_LoA	-9,913	-0,063	0,292
CHR16	4842597	CHR16:4842597	SSF x Near_LoA	-8,119	-0,080	0,299
CHR16	4842601	CHR16:4842601	SSF x Near_LoA	-9,650	-0,054	0,290
CHR16	4842638	CHR16:4842638	SSF x Near_LoA	-5,334	0,170	0,258
CHR16	4842888	CHR16:4842888	SSF x Near_LoA	-8,638	0,074	0,292
CHR16	4852274	CHR16:4852274	SSF x Near_LoA	-6,166	0,121	0,277
CHR16	4852322	CHR16:4852322	SSF x Near_LoA	-7,504	0,001	0,295
CHR16	4852424	CHR16:4852424	SSF x Near_LoA	-7,143	0,079	0,275
CHR16	4852438	CHR16:4852438	SSF x Near_LoA	-7,784	0,039	0,279
CHR16	4852456	CHR16:4852456	SSF x Near_LoA	-3,919	-0,051	0,276
CHR16	4852459	CHR16:4852459	SSF x Near_LoA	-7,223	-0,054	0,289
CHR16	4857420	CHR16:4857420	SSF x Near_LoA	-6,212	0,108	0,290
CHR16	4857432	CHR16:4857432	SSF x Near_LoA	-7,204	-0,038	0,274
CHR16	4857463	CHR16:4857463	SSF x Near_LoA	-7,132	-0,115	0,278
CHR16	4857491	CHR16:4857491	SSF x Near_LoA	-8,823	-0,111	0,268
CHR16	4857595	CHR16:4857595	SSF x Near_LoA	-9,458	-0,073	0,269
CHR16	4857606	CHR16:4857606	SSF x Near_LoA	-9,687	0,003	0,280
CHR16	4857609	CHR16:4857609	SSF x Near_LoA	-8,786	-0,018	0,288
CHR16	4864060	CHR16:4864060	SSF x Near_LoA	-9,871	-0,060	0,293
CHR16	4867486	CHR16:4867486	SSF x Near_LoA	-10,438	-0,007	0,284
CHR16	4867495	CHR16:4867495	SSF x Near_LoA	-8,738	0,001	0,280
CHR16	4867506	CHR16:4867506	SSF x Near_LoA	-8,450	-0,119	0,275
CHR16	4869331	CHR16:4869331	SSF x Near_LoA	-6,832	-0,160	0,288
CHR16	4869337	CHR16:4869337	SSF x Near_LoA	-5,944	-0,224	0,281
CHR16	4871774	CHR16:4871774	SSF x Near_LoA	-4,173	0,085	0,286
CHR16	4892994	CHR16:4892994	SSF x Near_LoA	-8,338	-0,075	0,274
CHR16	4893101	CHR16:4893101	SSF x Near_LoA	-11,005	0,007	0,285
CHR16	4911924	CHR16:4911924	SSF x Near_LoA	-7,994	-0,037	0,299

CHR16	491737	CHR16:491737	SSF x Near_LoA	-8,545	-0,037	0,293
CHR16	491751	CHR16:491751	SSF x Near_LoA	-7,549	-0,038	0,294
CHR16	491753	CHR16:491753	SSF x Near_LoA	-8,730	0,042	0,278
CHR16	491768	CHR16:491768	SSF x Near_LoA	-6,857	-0,101	0,285
CHR16	4923188	CHR16:4923188	SSF x Near_LoA	-10,015	-0,010	0,283
CHR16	4929329	CHR16:4929329	SSF x Near_LoA	-8,526	0,068	0,295
CHR16	4930255	CHR16:4930255	SSF x Near_LoA	-9,611	0,071	0,293
CHR16	4933517	CHR16:4933517	SSF x Near_LoA	-8,945	-0,053	0,283
CHR16	493674	CHR16:493674	SSF x Near_LoA	-8,230	-0,117	0,281
CHR16	4950382	CHR16:4950382	SSF x Near_LoA	-9,459	-0,030	0,294
CHR16	4950444	CHR16:4950444	SSF x Near_LoA	-6,929	0,141	0,283
CHR16	4955105	CHR16:4955105	SSF x Near_LoA	-8,442	0,014	0,297
CHR16	4955142	CHR16:4955142	SSF x Near_LoA	-9,866	-0,055	0,292
CHR16	4955146	CHR16:4955146	SSF x Near_LoA	-9,151	-0,015	0,293
CHR16	4957145	CHR16:4957145	SSF x Near_LoA	-10,603	-0,044	0,288
CHR16	4969291	CHR16:4969291	SSF x Near_LoA	-7,286	-0,040	0,293
CHR16	497767	CHR16:497767	SSF x Near_LoA	-8,923	0,046	0,273
CHR16	497781	CHR16:497781	SSF x Near_LoA	-10,180	0,064	0,285
CHR16	4987701	CHR16:4987701	SSF x Near_LoA	-9,905	-0,010	0,291
CHR16	5051998	CHR16:5051998	SSF x Near_LoA	-9,600	0,013	0,282
CHR16	5058908	CHR16:5058908	SSF x Near_LoA	-7,262	-0,060	0,280
CHR16	5077800	CHR16:5077800	SSF x Near_LoA	-6,059	0,087	0,283
CHR16	5098754	CHR16:5098754	SSF x Near_LoA	-7,192	0,082	0,284
CHR16	5118058	CHR16:5118058	SSF x Near_LoA	-7,048	-0,083	0,290
CHR16	5128874	CHR16:5128874	SSF x Near_LoA	-9,470	0,078	0,266
CHR16	5128948	CHR16:5128948	SSF x Near_LoA	-6,386	0,148	0,273
CHR16	5129028	CHR16:5129028	SSF x Near_LoA	-9,955	-0,014	0,275
CHR16	5129037	CHR16:5129037	SSF x Near_LoA	-4,889	-0,182	0,294
CHR16	5129072	CHR16:5129072	SSF x Near_LoA	-7,811	-0,021	0,285
CHR16	5129075	CHR16:5129075	SSF x Near_LoA	0,583	-0,107	0,294
CHR16	5141593	CHR16:5141593	SSF x Near_LoA	-10,599	-0,066	0,278
CHR16	5141626	CHR16:5141626	SSF x Near_LoA	-6,836	0,155	0,284
CHR16	5141716	CHR16:5141716	SSF x Near_LoA	-9,181	0,048	0,277
CHR16	5152727	CHR16:5152727	SSF x Near_LoA	-7,589	-0,087	0,286
CHR16	5166681	CHR16:5166681	SSF x Near_LoA	-6,989	0,176	0,275
CHR16	5166781	CHR16:5166781	SSF x Near_LoA	-10,062	-0,025	0,283
CHR16	5166858	CHR16:5166858	SSF x Near_LoA	-6,952	-0,003	0,290
CHR16	5178669	CHR16:5178669	SSF x Near_LoA	-5,374	0,057	0,288
CHR16	5178695	CHR16:5178695	SSF x Near_LoA	-8,309	-0,094	0,289
CHR16	5183077	CHR16:5183077	SSF x Near_LoA	-7,396	-0,042	0,266
CHR16	5183379	CHR16:5183379	SSF x Near_LoA	-8,417	-0,012	0,298
CHR16	5185581	CHR16:5185581	SSF x Near_LoA	-7,026	-0,114	0,282
CHR16	5185584	CHR16:5185584	SSF x Near_LoA	-9,395	0,051	0,279
CHR16	5190409	CHR16:5190409	SSF x Near_LoA	-6,853	-0,036	0,283
CHR16	5190559	CHR16:5190559	SSF x Near_LoA	-2,355	-0,107	0,274
CHR16	5190681	CHR16:5190681	SSF x Near_LoA	-4,497	-0,151	0,275
CHR16	5197027	CHR16:5197027	SSF x Near_LoA	-8,176	0,104	0,286
CHR16	5197042	CHR16:5197042	SSF x Near_LoA	-7,523	-0,010	0,289
CHR16	5197062	CHR16:5197062	SSF x Near_LoA	-5,521	-0,153	0,281
CHR16	5197075	CHR16:5197075	SSF x Near_LoA	-6,329	-0,075	0,301
CHR16	5197087	CHR16:5197087	SSF x Near_LoA	-2,178	-0,146	0,278
CHR16	5197112	CHR16:5197112	SSF x Near_LoA	-6,139	0,239	0,278
CHR16	5197132	CHR16:5197132	SSF x Near_LoA	-7,923	-0,076	0,281

CHR16	5197135	CHR16:5197135	SSF x Near_LoA	-8,695	-0,017	0,285
CHR16	5197170	CHR16:5197170	SSF x Near_LoA	-7,656	0,006	0,288
CHR16	5209954	CHR16:5209954	SSF x Near_LoA	-9,995	0,040	0,290
CHR16	521835	CHR16:521835	SSF x Near_LoA	-1,499	0,214	0,286
CHR16	521904	CHR16:521904	SSF x Near_LoA	-3,330	-0,211	0,282
CHR16	5220764	CHR16:5220764	SSF x Near_LoA	-3,101	-0,224	0,269
CHR16	5221527	CHR16:5221527	SSF x Near_LoA	-7,742	-0,030	0,301
CHR16	5221555	CHR16:5221555	SSF x Near_LoA	-8,680	0,074	0,284
CHR16	5221611	CHR16:5221611	SSF x Near_LoA	-6,472	0,126	0,275
CHR16	5221625	CHR16:5221625	SSF x Near_LoA	-7,143	-0,135	0,278
CHR16	5221677	CHR16:5221677	SSF x Near_LoA	-7,624	-0,076	0,292
CHR16	5221690	CHR16:5221690	SSF x Near_LoA	-9,249	-0,042	0,287
CHR16	5221726	CHR16:5221726	SSF x Near_LoA	-8,610	0,005	0,285
CHR16	5225180	CHR16:5225180	SSF x Near_LoA	-8,248	0,048	0,301
CHR16	5225187	CHR16:5225187	SSF x Near_LoA	-7,707	0,014	0,305
CHR16	5225293	CHR16:5225293	SSF x Near_LoA	-4,782	-0,245	0,273
CHR16	5225541	CHR16:5225541	SSF x Near_LoA	-10,710	0,021	0,276
CHR16	5230570	CHR16:5230570	SSF x Near_LoA	-10,500	-0,075	0,276
CHR16	5230617	CHR16:5230617	SSF x Near_LoA	-8,498	-0,044	0,292
CHR16	5235654	CHR16:5235654	SSF x Near_LoA	-4,462	0,175	0,287
CHR16	5235702	CHR16:5235702	SSF x Near_LoA	-10,548	0,017	0,283
CHR16	5235884	CHR16:5235884	SSF x Near_LoA	-8,919	-0,087	0,287
CHR16	5235893	CHR16:5235893	SSF x Near_LoA	-6,915	0,107	0,288
CHR16	5235909	CHR16:5235909	SSF x Near_LoA	-7,077	0,187	0,280
CHR16	5246898	CHR16:5246898	SSF x Near_LoA	-2,068	-0,209	0,268
CHR16	5246911	CHR16:5246911	SSF x Near_LoA	-5,544	-0,169	0,266
CHR16	5246919	CHR16:5246919	SSF x Near_LoA	-8,880	-0,044	0,285
CHR16	5247064	CHR16:5247064	SSF x Near_LoA	-7,070	-0,147	0,281
CHR16	5256668	CHR16:5256668	SSF x Near_LoA	-8,632	-0,086	0,282
CHR16	5256692	CHR16:5256692	SSF x Near_LoA	-8,682	-0,066	0,300
CHR16	5256701	CHR16:5256701	SSF x Near_LoA	-6,302	-0,164	0,276
CHR16	5256743	CHR16:5256743	SSF x Near_LoA	-5,344	-0,128	0,290
CHR16	5257757	CHR16:5257757	SSF x Near_LoA	-7,794	0,111	0,287
CHR16	5257779	CHR16:5257779	SSF x Near_LoA	-6,383	-0,016	0,293
CHR16	5257797	CHR16:5257797	SSF x Near_LoA	-7,111	-0,044	0,293
CHR16	5257823	CHR16:5257823	SSF x Near_LoA	-6,460	-0,016	0,283
CHR16	5257939	CHR16:5257939	SSF x Near_LoA	-7,637	0,087	0,280
CHR16	5257999	CHR16:5257999	SSF x Near_LoA	-7,632	0,040	0,279
CHR16	5258008	CHR16:5258008	SSF x Near_LoA	-6,989	0,019	0,297
CHR16	527145	CHR16:527145	SSF x Near_LoA	-7,994	-0,104	0,284
CHR16	527251	CHR16:527251	SSF x Near_LoA	-6,015	0,182	0,263
CHR16	527296	CHR16:527296	SSF x Near_LoA	-9,394	0,129	0,269
CHR16	527316	CHR16:527316	SSF x Near_LoA	-9,454	0,049	0,292
CHR16	527476	CHR16:527476	SSF x Near_LoA	-9,084	-0,007	0,285
CHR16	527540	CHR16:527540	SSF x Near_LoA	-7,037	0,107	0,287
CHR16	5288839	CHR16:5288839	SSF x Near_LoA	-4,249	0,179	0,280
CHR16	5288859	CHR16:5288859	SSF x Near_LoA	-7,191	0,064	0,298
CHR16	5288933	CHR16:5288933	SSF x Near_LoA	-10,271	-0,007	0,280
CHR16	5294128	CHR16:5294128	SSF x Near_LoA	-9,738	0,013	0,285
CHR16	5299520	CHR16:5299520	SSF x Near_LoA	-8,009	-0,089	0,284
CHR16	5299538	CHR16:5299538	SSF x Near_LoA	-6,666	-0,140	0,267
CHR16	5299539	CHR16:5299539	SSF x Near_LoA	1,672	-0,118	0,265
CHR16	5299581	CHR16:5299581	SSF x Near_LoA	-9,859	0,031	0,287

CHR16	5299590	CHR16:5299590	SSF x Near_LoA	-7,275	0,161	0,282
CHR16	5299593	CHR16:5299593	SSF x Near_LoA	-6,250	0,029	0,286
CHR16	5299594	CHR16:5299594	SSF x Near_LoA	-7,966	0,033	0,270
CHR16	5299595	CHR16:5299595	SSF x Near_LoA	-8,983	0,051	0,271
CHR16	5299596	CHR16:5299596	SSF x Near_LoA	-7,621	0,027	0,278
CHR16	5299600	CHR16:5299600	SSF x Near_LoA	-9,274	0,022	0,265
CHR16	5299619	CHR16:5299619	SSF x Near_LoA	-9,205	0,030	0,291
CHR16	530337	CHR16:530337	SSF x Near_LoA	-6,207	-0,020	0,291
CHR16	5303559	CHR16:5303559	SSF x Near_LoA	-8,030	-0,013	0,278
CHR16	5303649	CHR16:5303649	SSF x Near_LoA	-7,771	-0,057	0,296
CHR16	5303653	CHR16:5303653	SSF x Near_LoA	-8,353	0,100	0,277
CHR16	5303714	CHR16:5303714	SSF x Near_LoA	-6,228	0,097	0,284
CHR16	5303731	CHR16:5303731	SSF x Near_LoA	-8,459	-0,002	0,289
CHR16	5303758	CHR16:5303758	SSF x Near_LoA	-8,286	-0,003	0,283
CHR16	5303763	CHR16:5303763	SSF x Near_LoA	-7,664	0,094	0,277
CHR16	5303769	CHR16:5303769	SSF x Near_LoA	-6,687	0,086	0,290
CHR16	5303850	CHR16:5303850	SSF x Near_LoA	-4,003	0,057	0,292
CHR16	530432	CHR16:530432	SSF x Near_LoA	-9,541	-0,065	0,281
CHR16	5309700	CHR16:5309700	SSF x Near_LoA	-1,622	0,140	0,281
CHR16	5309788	CHR16:5309788	SSF x Near_LoA	-8,487	-0,066	0,290
CHR16	5309805	CHR16:5309805	SSF x Near_LoA	-9,904	0,055	0,281
CHR16	5309829	CHR16:5309829	SSF x Near_LoA	-7,369	-0,046	0,285
CHR16	5309856	CHR16:5309856	SSF x Near_LoA	-7,698	-0,003	0,292
CHR16	5309924	CHR16:5309924	SSF x Near_LoA	-6,701	0,004	0,296
CHR16	5309958	CHR16:5309958	SSF x Near_LoA	-8,696	0,091	0,291
CHR16	5317408	CHR16:5317408	SSF x Near_LoA	-6,333	0,053	0,285
CHR16	5322607	CHR16:5322607	SSF x Near_LoA	-7,452	-0,009	0,299
CHR16	5322610	CHR16:5322610	SSF x Near_LoA	-7,147	0,017	0,293
CHR16	5322621	CHR16:5322621	SSF x Near_LoA	-5,540	-0,087	0,282
CHR16	5322624	CHR16:5322624	SSF x Near_LoA	-5,013	0,240	0,271
CHR16	533148	CHR16:533148	SSF x Near_LoA	-8,043	-0,001	0,289
CHR16	5333241	CHR16:5333241	SSF x Near_LoA	1,543	0,243	0,256
CHR16	5346963	CHR16:5346963	SSF x Near_LoA	-7,068	0,098	0,288
CHR16	5347117	CHR16:5347117	SSF x Near_LoA	-8,203	0,102	0,292
CHR16	5347150	CHR16:5347150	SSF x Near_LoA	-11,088	-0,003	0,285
CHR16	5347199	CHR16:5347199	SSF x Near_LoA	-5,639	0,103	0,292
CHR16	5347212	CHR16:5347212	SSF x Near_LoA	-10,015	-0,002	0,302
CHR16	5351918	CHR16:5351918	SSF x Near_LoA	-8,259	-0,089	0,288
CHR16	5360862	CHR16:5360862	SSF x Near_LoA	-5,039	0,029	0,280
CHR16	5360913	CHR16:5360913	SSF x Near_LoA	-8,162	0,088	0,285
CHR16	5360919	CHR16:5360919	SSF x Near_LoA	-8,045	-0,069	0,283
CHR16	5360932	CHR16:5360932	SSF x Near_LoA	-7,659	0,046	0,299
CHR16	5360963	CHR16:5360963	SSF x Near_LoA	-8,001	0,111	0,275
CHR16	5360967	CHR16:5360967	SSF x Near_LoA	-6,356	-0,079	0,270
CHR16	5361019	CHR16:5361019	SSF x Near_LoA	-5,710	-0,072	0,303
CHR16	5361022	CHR16:5361022	SSF x Near_LoA	-8,113	0,055	0,279
CHR16	5361072	CHR16:5361072	SSF x Near_LoA	-8,153	-0,064	0,282
CHR16	5361075	CHR16:5361075	SSF x Near_LoA	-7,185	-0,076	0,290
CHR16	5368244	CHR16:5368244	SSF x Near_LoA	-7,530	-0,111	0,296
CHR16	5370350	CHR16:5370350	SSF x Near_LoA	-10,425	-0,077	0,276
CHR16	5381313	CHR16:5381313	SSF x Near_LoA	-7,379	-0,128	0,295
CHR16	5388611	CHR16:5388611	SSF x Near_LoA	-9,777	0,050	0,274
CHR16	5394306	CHR16:5394306	SSF x Near_LoA	-5,388	-0,158	0,287

CHR16	5394315	CHR16:5394315	SSF x Near_LoA	-7,316	-0,149	0,279
CHR16	5402800	CHR16:5402800	SSF x Near_LoA	-2,287	-0,094	0,295
CHR16	5404613	CHR16:5404613	SSF x Near_LoA	-6,160	0,132	0,276
CHR16	540789	CHR16:540789	SSF x Near_LoA	-10,045	0,019	0,304
CHR16	540866	CHR16:540866	SSF x Near_LoA	-5,866	-0,022	0,287
CHR16	540871	CHR16:540871	SSF x Near_LoA	-6,047	0,000	0,283
CHR16	540874	CHR16:540874	SSF x Near_LoA	-7,451	-0,016	0,289
CHR16	5423379	CHR16:5423379	SSF x Near_LoA	-8,594	0,185	0,285
CHR16	5427055	CHR16:5427055	SSF x Near_LoA	-7,489	-0,027	0,296
CHR16	5427127	CHR16:5427127	SSF x Near_LoA	-8,277	-0,023	0,293
CHR16	5439978	CHR16:5439978	SSF x Near_LoA	-8,405	0,045	0,291
CHR16	5440032	CHR16:5440032	SSF x Near_LoA	-9,212	-0,097	0,286
CHR16	5464323	CHR16:5464323	SSF x Near_LoA	-8,116	0,041	0,290
CHR16	5471596	CHR16:5471596	SSF x Near_LoA	-10,286	-0,040	0,285
CHR16	5472539	CHR16:5472539	SSF x Near_LoA	-7,049	-0,116	0,286
CHR16	5472578	CHR16:5472578	SSF x Near_LoA	-7,511	-0,135	0,281
CHR16	5472631	CHR16:5472631	SSF x Near_LoA	-8,500	-0,052	0,287
CHR16	5479708	CHR16:5479708	SSF x Near_LoA	-6,091	0,022	0,281
CHR16	549235	CHR16:549235	SSF x Near_LoA	-9,792	0,018	0,278
CHR16	549245	CHR16:549245	SSF x Near_LoA	-8,263	-0,082	0,276
CHR16	5517610	CHR16:5517610	SSF x Near_LoA	-5,393	-0,170	0,263
CHR16	5522744	CHR16:5522744	SSF x Near_LoA	-7,581	0,097	0,287
CHR16	5527277	CHR16:5527277	SSF x Near_LoA	-9,476	0,074	0,286
CHR16	553081	CHR16:553081	SSF x Near_LoA	-5,075	0,176	0,268
CHR16	553086	CHR16:553086	SSF x Near_LoA	-8,512	-0,101	0,278
CHR16	553090	CHR16:553090	SSF x Near_LoA	-8,959	0,166	0,277
CHR16	553129	CHR16:553129	SSF x Near_LoA	-6,588	-0,145	0,291
CHR16	553147	CHR16:553147	SSF x Near_LoA	-10,029	0,068	0,261
CHR16	553243	CHR16:553243	SSF x Near_LoA	-8,205	-0,078	0,279
CHR16	5563570	CHR16:5563570	SSF x Near_LoA	-10,629	-0,026	0,283
CHR16	560354	CHR16:560354	SSF x Near_LoA	-9,919	-0,022	0,286
CHR16	560421	CHR16:560421	SSF x Near_LoA	-9,847	0,021	0,285
CHR16	560465	CHR16:560465	SSF x Near_LoA	-10,439	0,050	0,266
CHR16	560671	CHR16:560671	SSF x Near_LoA	-9,323	-0,050	0,279
CHR16	560812	CHR16:560812	SSF x Near_LoA	-10,663	0,042	0,292
CHR16	5630885	CHR16:5630885	SSF x Near_LoA	-10,314	0,049	0,286
CHR16	5630891	CHR16:5630891	SSF x Near_LoA	-8,175	0,144	0,270
CHR16	5642222	CHR16:5642222	SSF x Near_LoA	-8,607	-0,147	0,296
CHR16	5642333	CHR16:5642333	SSF x Near_LoA	-8,402	0,051	0,293
CHR16	5644457	CHR16:5644457	SSF x Near_LoA	-6,686	0,184	0,267
CHR16	5644495	CHR16:5644495	SSF x Near_LoA	-9,758	-0,061	0,280
CHR16	566400	CHR16:566400	SSF x Near_LoA	-9,696	0,121	0,288
CHR16	566434	CHR16:566434	SSF x Near_LoA	-9,187	-0,087	0,286
CHR16	5665589	CHR16:5665589	SSF x Near_LoA	-0,970	0,231	0,250
CHR16	5665599	CHR16:5665599	SSF x Near_LoA	-10,399	-0,033	0,286
CHR16	5665852	CHR16:5665852	SSF x Near_LoA	-8,406	-0,019	0,290
CHR16	5665854	CHR16:5665854	SSF x Near_LoA	-9,474	-0,017	0,266
CHR16	5671014	CHR16:5671014	SSF x Near_LoA	-5,667	0,175	0,278
CHR16	5671032	CHR16:5671032	SSF x Near_LoA	-9,936	-0,076	0,281
CHR16	5671074	CHR16:5671074	SSF x Near_LoA	-7,222	0,002	0,295
CHR16	5673196	CHR16:5673196	SSF x Near_LoA	-6,294	-0,040	0,296
CHR16	5673266	CHR16:5673266	SSF x Near_LoA	-6,227	0,210	0,269
CHR16	5673285	CHR16:5673285	SSF x Near_LoA	-10,679	0,034	0,263

CHR16	5673299	CHR16:5673299	SSF x Near_LoA	-6,999	0,111	0,278
CHR16	5673386	CHR16:5673386	SSF x Near_LoA	-6,154	0,004	0,281
CHR16	5673445	CHR16:5673445	SSF x Near_LoA	-6,987	-0,119	0,283
CHR16	5673516	CHR16:5673516	SSF x Near_LoA	-8,535	0,059	0,278
CHR16	5680383	CHR16:5680383	SSF x Near_LoA	-7,067	0,130	0,298
CHR16	5716042	CHR16:5716042	SSF x Near_LoA	-8,272	0,069	0,284
CHR16	5716043	CHR16:5716043	SSF x Near_LoA	-8,780	0,062	0,281
CHR16	5716050	CHR16:5716050	SSF x Near_LoA	-8,563	0,094	0,292
CHR16	5721333	CHR16:5721333	SSF x Near_LoA	-9,596	-0,103	0,280
CHR16	5721340	CHR16:5721340	SSF x Near_LoA	-8,934	-0,130	0,267
CHR16	5733295	CHR16:5733295	SSF x Near_LoA	-9,417	-0,028	0,285
CHR16	5733649	CHR16:5733649	SSF x Near_LoA	-10,054	0,007	0,277
CHR16	5734336	CHR16:5734336	SSF x Near_LoA	-7,400	0,170	0,282
CHR16	5734379	CHR16:5734379	SSF x Near_LoA	-7,155	0,164	0,297
CHR16	5740333	CHR16:5740333	SSF x Near_LoA	-6,700	-0,013	0,290
CHR16	5740341	CHR16:5740341	SSF x Near_LoA	-6,209	-0,041	0,292
CHR16	5740394	CHR16:5740394	SSF x Near_LoA	-4,893	-0,138	0,281
CHR16	5740400	CHR16:5740400	SSF x Near_LoA	-6,059	-0,107	0,277
CHR16	5740434	CHR16:5740434	SSF x Near_LoA	-4,844	0,164	0,276
CHR16	5750202	CHR16:5750202	SSF x Near_LoA	-5,849	-0,190	0,278
CHR16	5750252	CHR16:5750252	SSF x Near_LoA	-6,941	0,013	0,288
CHR16	5750254	CHR16:5750254	SSF x Near_LoA	-7,276	-0,075	0,280
CHR16	5750278	CHR16:5750278	SSF x Near_LoA	-6,079	-0,068	0,290
CHR16	5750300	CHR16:5750300	SSF x Near_LoA	-7,961	0,022	0,274
CHR16	5750312	CHR16:5750312	SSF x Near_LoA	-6,793	-0,081	0,302
CHR16	5752681	CHR16:5752681	SSF x Near_LoA	-6,849	-0,015	0,288
CHR16	5752702	CHR16:5752702	SSF x Near_LoA	-9,036	0,015	0,296
CHR16	5755993	CHR16:5755993	SSF x Near_LoA	-5,869	0,059	0,288
CHR16	5756137	CHR16:5756137	SSF x Near_LoA	-5,592	0,184	0,266
CHR16	5756139	CHR16:5756139	SSF x Near_LoA	-9,075	0,065	0,281
CHR16	5756140	CHR16:5756140	SSF x Near_LoA	-9,408	0,015	0,297
CHR16	5756141	CHR16:5756141	SSF x Near_LoA	3,832	0,208	0,283
CHR16	5756250	CHR16:5756250	SSF x Near_LoA	-7,659	-0,021	0,287
CHR16	5760394	CHR16:5760394	SSF x Near_LoA	-9,468	0,169	0,282
CHR16	5760494	CHR16:5760494	SSF x Near_LoA	-10,119	-0,010	0,281
CHR16	5774110	CHR16:5774110	SSF x Near_LoA	-3,514	0,036	0,287
CHR16	5774190	CHR16:5774190	SSF x Near_LoA	-7,124	0,145	0,275
CHR16	5778575	CHR16:5778575	SSF x Near_LoA	-4,729	0,241	0,275
CHR16	5779475	CHR16:5779475	SSF x Near_LoA	-8,125	-0,010	0,295
CHR16	5779595	CHR16:5779595	SSF x Near_LoA	-9,415	0,057	0,287
CHR16	5780254	CHR16:5780254	SSF x Near_LoA	-8,429	0,014	0,295
CHR16	5780263	CHR16:5780263	SSF x Near_LoA	-9,800	-0,046	0,289
CHR16	5780264	CHR16:5780264	SSF x Near_LoA	-9,365	-0,036	0,299
CHR16	5780276	CHR16:5780276	SSF x Near_LoA	-9,789	-0,033	0,294
CHR16	5786390	CHR16:5786390	SSF x Near_LoA	-8,618	-0,033	0,287
CHR16	5819596	CHR16:5819596	SSF x Near_LoA	-10,271	-0,063	0,284
CHR16	5819677	CHR16:5819677	SSF x Near_LoA	-9,692	-0,001	0,294
CHR16	5821393	CHR16:5821393	SSF x Near_LoA	-9,174	-0,058	0,278
CHR16	5821492	CHR16:5821492	SSF x Near_LoA	-9,996	-0,024	0,271
CHR16	5821558	CHR16:5821558	SSF x Near_LoA	-8,784	0,034	0,290
CHR16	5821582	CHR16:5821582	SSF x Near_LoA	-7,459	-0,163	0,274
CHR16	5823398	CHR16:5823398	SSF x Near_LoA	-6,852	-0,031	0,292
CHR16	5828068	CHR16:5828068	SSF x Near_LoA	-9,566	0,098	0,277

CHR16	5828097	CHR16:5828097	SSF x Near_LoA	-8,253	-0,114	0,291
CHR16	5828286	CHR16:5828286	SSF x Near_LoA	-9,263	0,048	0,282
CHR16	5828299	CHR16:5828299	SSF x Near_LoA	-6,859	-0,005	0,291
CHR16	5828304	CHR16:5828304	SSF x Near_LoA	-8,795	-0,130	0,275
CHR16	5828343	CHR16:5828343	SSF x Near_LoA	-4,950	-0,207	0,275
CHR16	5828344	CHR16:5828344	SSF x Near_LoA	-5,765	-0,197	0,277
CHR16	5828372	CHR16:5828372	SSF x Near_LoA	-7,817	-0,066	0,298
CHR16	5830888	CHR16:5830888	SSF x Near_LoA	-9,384	0,015	0,286
CHR16	5830947	CHR16:5830947	SSF x Near_LoA	-7,935	-0,160	0,282
CHR16	5830992	CHR16:5830992	SSF x Near_LoA	-6,850	-0,151	0,288
CHR16	5835485	CHR16:5835485	SSF x Near_LoA	-8,735	0,026	0,297
CHR16	5835517	CHR16:5835517	SSF x Near_LoA	-8,439	0,008	0,293
CHR16	5835607	CHR16:5835607	SSF x Near_LoA	-7,987	0,031	0,287
CHR16	5835750	CHR16:5835750	SSF x Near_LoA	-9,219	-0,035	0,296
CHR16	5842003	CHR16:5842003	SSF x Near_LoA	-8,696	0,018	0,297
CHR16	5842011	CHR16:5842011	SSF x Near_LoA	-10,071	-0,005	0,281
CHR16	5842088	CHR16:5842088	SSF x Near_LoA	-8,525	0,032	0,276
CHR16	5846526	CHR16:5846526	SSF x Near_LoA	-8,376	0,048	0,276
CHR16	5846598	CHR16:5846598	SSF x Near_LoA	-6,599	-0,121	0,286
CHR16	5846832	CHR16:5846832	SSF x Near_LoA	-7,298	-0,158	0,268
CHR16	5858858	CHR16:5858858	SSF x Near_LoA	-10,659	0,045	0,280
CHR16	5858876	CHR16:5858876	SSF x Near_LoA	-3,355	0,156	0,276
CHR16	5858913	CHR16:5858913	SSF x Near_LoA	-9,363	-0,010	0,271
CHR16	5858925	CHR16:5858925	SSF x Near_LoA	-9,966	0,052	0,289
CHR16	5858930	CHR16:5858930	SSF x Near_LoA	-7,054	0,112	0,285
CHR16	5858948	CHR16:5858948	SSF x Near_LoA	-8,798	0,026	0,272
CHR16	5858951	CHR16:5858951	SSF x Near_LoA	-8,452	0,041	0,280
CHR16	5858954	CHR16:5858954	SSF x Near_LoA	-7,510	0,000	0,290
CHR16	5859127	CHR16:5859127	SSF x Near_LoA	-4,979	0,166	0,265
CHR16	5859228	CHR16:5859228	SSF x Near_LoA	-0,575	-0,206	0,269
CHR16	5859271	CHR16:5859271	SSF x Near_LoA	-7,409	0,073	0,285
CHR16	5859282	CHR16:5859282	SSF x Near_LoA	-6,722	-0,033	0,292
CHR16	5859288	CHR16:5859288	SSF x Near_LoA	-6,993	0,184	0,283
CHR16	5876706	CHR16:5876706	SSF x Near_LoA	-7,540	-0,042	0,290
CHR16	5876837	CHR16:5876837	SSF x Near_LoA	-2,291	0,150	0,269
CHR16	5878587	CHR16:5878587	SSF x Near_LoA	-8,442	0,003	0,297
CHR16	5884780	CHR16:5884780	SSF x Near_LoA	-9,021	-0,115	0,298
CHR16	588909	CHR16:588909	SSF x Near_LoA	-5,485	-0,036	0,266
CHR16	589010	CHR16:589010	SSF x Near_LoA	-6,090	0,140	0,298
CHR16	5891024	CHR16:5891024	SSF x Near_LoA	-6,030	-0,148	0,285
CHR16	5891076	CHR16:5891076	SSF x Near_LoA	-7,347	-0,057	0,286
CHR16	5891109	CHR16:5891109	SSF x Near_LoA	-6,475	0,103	0,280
CHR16	5891112	CHR16:5891112	SSF x Near_LoA	-7,375	-0,112	0,277
CHR16	5891120	CHR16:5891120	SSF x Near_LoA	-8,265	-0,024	0,281
CHR16	5891126	CHR16:5891126	SSF x Near_LoA	-6,011	0,146	0,296
CHR16	5891136	CHR16:5891136	SSF x Near_LoA	-6,258	0,191	0,271
CHR16	5891210	CHR16:5891210	SSF x Near_LoA	-8,853	0,068	0,270
CHR16	5891251	CHR16:5891251	SSF x Near_LoA	-10,161	0,062	0,284
CHR16	5891342	CHR16:5891342	SSF x Near_LoA	-6,248	0,092	0,261
CHR16	5900790	CHR16:5900790	SSF x Near_LoA	-7,555	0,135	0,286
CHR16	5900805	CHR16:5900805	SSF x Near_LoA	-6,867	-0,105	0,277
CHR16	5900858	CHR16:5900858	SSF x Near_LoA	-8,118	0,102	0,283
CHR16	5901057	CHR16:5901057	SSF x Near_LoA	-6,776	0,042	0,279

CHR16	5910954	CHR16:5910954	SSF x Near_LoA	-7,006	0,095	0,270
CHR16	5910969	CHR16:5910969	SSF x Near_LoA	-5,446	0,083	0,278
CHR16	5911015	CHR16:5911015	SSF x Near_LoA	-9,660	-0,053	0,273
CHR16	5914912	CHR16:5914912	SSF x Near_LoA	-8,402	-0,008	0,285
CHR16	5914955	CHR16:5914955	SSF x Near_LoA	-8,610	0,121	0,284
CHR16	5915036	CHR16:5915036	SSF x Near_LoA	-7,415	-0,056	0,279
CHR16	5923226	CHR16:5923226	SSF x Near_LoA	-8,903	-0,087	0,289
CHR16	5923299	CHR16:5923299	SSF x Near_LoA	-7,853	0,183	0,293
CHR16	5924459	CHR16:5924459	SSF x Near_LoA	-7,874	0,010	0,282
CHR16	5934108	CHR16:5934108	SSF x Near_LoA	-8,077	-0,066	0,292
CHR16	5934113	CHR16:5934113	SSF x Near_LoA	-8,730	-0,055	0,287
CHR16	5934133	CHR16:5934133	SSF x Near_LoA	-9,913	0,023	0,298
CHR16	5936555	CHR16:5936555	SSF x Near_LoA	-2,617	-0,224	0,275
CHR16	5936604	CHR16:5936604	SSF x Near_LoA	-7,014	-0,018	0,307
CHR16	5936634	CHR16:5936634	SSF x Near_LoA	-8,764	-0,106	0,285
CHR16	5936647	CHR16:5936647	SSF x Near_LoA	-9,075	-0,035	0,290
CHR16	5936682	CHR16:5936682	SSF x Near_LoA	-5,498	-0,115	0,288
CHR16	5936730	CHR16:5936730	SSF x Near_LoA	-4,475	0,111	0,273
CHR16	5936800	CHR16:5936800	SSF x Near_LoA	-3,396	-0,136	0,281
CHR16	5936815	CHR16:5936815	SSF x Near_LoA	-5,720	0,116	0,275
CHR16	5938995	CHR16:5938995	SSF x Near_LoA	-10,310	0,012	0,285
CHR16	5939138	CHR16:5939138	SSF x Near_LoA	-8,644	-0,093	0,282
CHR16	5939150	CHR16:5939150	SSF x Near_LoA	-9,098	0,087	0,290
CHR16	5939190	CHR16:5939190	SSF x Near_LoA	-9,075	-0,079	0,271
CHR16	5939191	CHR16:5939191	SSF x Near_LoA	-8,731	-0,132	0,284
CHR16	5939199	CHR16:5939199	SSF x Near_LoA	-4,611	0,222	0,270
CHR16	5939212	CHR16:5939212	SSF x Near_LoA	-6,052	-0,081	0,279
CHR16	5939237	CHR16:5939237	SSF x Near_LoA	-4,772	0,177	0,273
CHR16	5946363	CHR16:5946363	SSF x Near_LoA	-4,562	-0,173	0,272
CHR16	5946377	CHR16:5946377	SSF x Near_LoA	-6,227	-0,170	0,299
CHR16	5959974	CHR16:5959974	SSF x Near_LoA	-6,693	0,021	0,272
CHR16	5959994	CHR16:5959994	SSF x Near_LoA	-7,681	0,047	0,287
CHR16	5966765	CHR16:5966765	SSF x Near_LoA	-8,493	-0,098	0,272
CHR16	5966774	CHR16:5966774	SSF x Near_LoA	-9,700	-0,048	0,300
CHR16	5966775	CHR16:5966775	SSF x Near_LoA	-8,988	-0,045	0,269
CHR16	5966799	CHR16:5966799	SSF x Near_LoA	-6,860	0,057	0,281
CHR16	5966801	CHR16:5966801	SSF x Near_LoA	-8,987	0,033	0,290
CHR16	5966859	CHR16:5966859	SSF x Near_LoA	-7,199	-0,045	0,297
CHR16	5966894	CHR16:5966894	SSF x Near_LoA	-8,315	-0,038	0,285
CHR16	5967211	CHR16:5967211	SSF x Near_LoA	-8,027	-0,099	0,283
CHR16	5974320	CHR16:5974320	SSF x Near_LoA	-8,256	-0,045	0,310
CHR16	5978055	CHR16:5978055	SSF x Near_LoA	-8,003	-0,075	0,281
CHR16	5978412	CHR16:5978412	SSF x Near_LoA	-6,404	-0,046	0,298
CHR16	5985765	CHR16:5985765	SSF x Near_LoA	-6,557	-0,131	0,284
CHR16	5985839	CHR16:5985839	SSF x Near_LoA	-7,457	-0,090	0,285
CHR16	5985881	CHR16:5985881	SSF x Near_LoA	-8,382	0,103	0,280
CHR16	5985986	CHR16:5985986	SSF x Near_LoA	-9,725	0,102	0,276
CHR16	5986003	CHR16:5986003	SSF x Near_LoA	-5,097	-0,183	0,292
CHR16	6001047	CHR16:6001047	SSF x Near_LoA	3,619	0,211	0,277
CHR16	6006520	CHR16:6006520	SSF x Near_LoA	2,424	0,193	0,272
CHR16	6006705	CHR16:6006705	SSF x Near_LoA	-5,744	0,192	0,263
CHR16	6006758	CHR16:6006758	SSF x Near_LoA	-7,563	0,073	0,297
CHR16	6006791	CHR16:6006791	SSF x Near_LoA	-5,178	-0,034	0,296

CHR16	6006836	CHR16:6006836	SSF x Near_LoA	-8,907	-0,079	0,257
CHR16	6006843	CHR16:6006843	SSF x Near_LoA	-5,826	-0,099	0,265
CHR16	6027755	CHR16:6027755	SSF x Near_LoA	-5,341	0,140	0,265
CHR16	6027767	CHR16:6027767	SSF x Near_LoA	-10,266	0,060	0,294
CHR16	6027778	CHR16:6027778	SSF x Near_LoA	-5,651	-0,179	0,277
CHR16	6027836	CHR16:6027836	SSF x Near_LoA	-3,559	-0,126	0,278
CHR16	6030124	CHR16:6030124	SSF x Near_LoA	-8,452	0,029	0,286
CHR16	6030126	CHR16:6030126	SSF x Near_LoA	-1,636	-0,227	0,276
CHR16	6040687	CHR16:6040687	SSF x Near_LoA	-9,657	0,082	0,286
CHR16	6050526	CHR16:6050526	SSF x Near_LoA	-7,863	0,164	0,276
CHR16	6050574	CHR16:6050574	SSF x Near_LoA	-9,474	-0,058	0,289
CHR16	6075235	CHR16:6075235	SSF x Near_LoA	-7,531	-0,049	0,290
CHR16	610494	CHR16:610494	SSF x Near_LoA	-4,037	0,048	0,306
CHR16	610552	CHR16:610552	SSF x Near_LoA	-7,976	-0,064	0,293
CHR16	610560	CHR16:610560	SSF x Near_LoA	-9,255	0,008	0,284
CHR16	610570	CHR16:610570	SSF x Near_LoA	-6,305	0,078	0,295
CHR16	610600	CHR16:610600	SSF x Near_LoA	-4,903	0,100	0,288
CHR16	6113927	CHR16:6113927	SSF x Near_LoA	-9,834	0,110	0,291
CHR16	6113984	CHR16:6113984	SSF x Near_LoA	-6,583	0,118	0,265
CHR16	6113993	CHR16:6113993	SSF x Near_LoA	-9,134	-0,026	0,274
CHR16	6114101	CHR16:6114101	SSF x Near_LoA	-8,725	0,007	0,296
CHR16	6126531	CHR16:6126531	SSF x Near_LoA	-9,089	0,154	0,285
CHR16	6126655	CHR16:6126655	SSF x Near_LoA	-7,401	-0,040	0,284
CHR16	6138891	CHR16:6138891	SSF x Near_LoA	-5,736	0,013	0,285
CHR16	6142022	CHR16:6142022	SSF x Near_LoA	-6,032	-0,071	0,280
CHR16	6142086	CHR16:6142086	SSF x Near_LoA	-11,275	0,000	0,272
CHR16	6184457	CHR16:6184457	SSF x Near_LoA	-8,531	-0,100	0,279
CHR16	6197029	CHR16:6197029	SSF x Near_LoA	-9,834	-0,002	0,291
CHR16	6198318	CHR16:6198318	SSF x Near_LoA	-6,589	0,107	0,282
CHR16	6219967	CHR16:6219967	SSF x Near_LoA	-5,750	-0,014	0,296
CHR16	6219988	CHR16:6219988	SSF x Near_LoA	-8,711	0,004	0,287
CHR16	6220153	CHR16:6220153	SSF x Near_LoA	-8,193	0,164	0,274
CHR16	6242973	CHR16:6242973	SSF x Near_LoA	-10,203	0,002	0,288
CHR16	626762	CHR16:626762	SSF x Near_LoA	-5,987	0,125	0,272
CHR16	626773	CHR16:626773	SSF x Near_LoA	-8,771	-0,053	0,271
CHR16	6267745	CHR16:6267745	SSF x Near_LoA	-7,206	-0,105	0,288
CHR16	626823	CHR16:626823	SSF x Near_LoA	-10,664	-0,050	0,284
CHR16	6273659	CHR16:6273659	SSF x Near_LoA	-6,662	0,132	0,294
CHR16	6285675	CHR16:6285675	SSF x Near_LoA	-7,309	-0,016	0,284
CHR16	6285725	CHR16:6285725	SSF x Near_LoA	-7,586	0,109	0,285
CHR16	6301106	CHR16:6301106	SSF x Near_LoA	-9,725	-0,081	0,286
CHR16	6302970	CHR16:6302970	SSF x Near_LoA	-9,334	-0,077	0,294
CHR16	6320901	CHR16:6320901	SSF x Near_LoA	-4,216	-0,237	0,258
CHR16	6326622	CHR16:6326622	SSF x Near_LoA	-9,151	-0,112	0,283
CHR16	634568	CHR16:634568	SSF x Near_LoA	-3,597	-0,161	0,283
CHR16	6354750	CHR16:6354750	SSF x Near_LoA	-5,361	0,162	0,301
CHR16	6354793	CHR16:6354793	SSF x Near_LoA	-0,628	0,212	0,287
CHR16	6368981	CHR16:6368981	SSF x Near_LoA	-5,642	0,021	0,292
CHR16	637958	CHR16:637958	SSF x Near_LoA	-6,034	0,155	0,262
CHR16	637979	CHR16:637979	SSF x Near_LoA	-4,228	-0,138	0,292
CHR16	638034	CHR16:638034	SSF x Near_LoA	-8,080	-0,044	0,297
CHR16	638065	CHR16:638065	SSF x Near_LoA	-7,816	-0,026	0,299
CHR16	638096	CHR16:638096	SSF x Near_LoA	-7,302	0,077	0,278

CHR16	638111	CHR16:638111	SSF x Near_LoA	-7,751	0,067	0,280
CHR16	638144	CHR16:638144	SSF x Near_LoA	-8,774	-0,101	0,287
CHR16	6404073	CHR16:6404073	SSF x Near_LoA	-10,664	-0,013	0,287
CHR16	6404105	CHR16:6404105	SSF x Near_LoA	-7,805	-0,111	0,265
CHR16	641853	CHR16:641853	SSF x Near_LoA	-5,406	0,082	0,285
CHR16	641868	CHR16:641868	SSF x Near_LoA	-7,470	0,114	0,290
CHR16	641990	CHR16:641990	SSF x Near_LoA	-8,413	0,012	0,292
CHR16	642093	CHR16:642093	SSF x Near_LoA	-9,257	0,029	0,306
CHR16	6434531	CHR16:6434531	SSF x Near_LoA	-7,953	-0,042	0,285
CHR16	6434536	CHR16:6434536	SSF x Near_LoA	-10,538	-0,025	0,285
CHR16	6434684	CHR16:6434684	SSF x Near_LoA	-8,964	0,050	0,278
CHR16	6434729	CHR16:6434729	SSF x Near_LoA	-7,657	0,002	0,285
CHR16	6434773	CHR16:6434773	SSF x Near_LoA	-8,538	0,148	0,279
CHR16	6452475	CHR16:6452475	SSF x Near_LoA	-8,368	0,018	0,271
CHR16	6452666	CHR16:6452666	SSF x Near_LoA	-8,269	0,029	0,267
CHR16	6452699	CHR16:6452699	SSF x Near_LoA	-7,178	0,065	0,294
CHR16	6494898	CHR16:6494898	SSF x Near_LoA	-8,966	0,040	0,272
CHR16	6495121	CHR16:6495121	SSF x Near_LoA	-9,762	-0,044	0,290
CHR16	6513251	CHR16:6513251	SSF x Near_LoA	-7,932	0,119	0,287
CHR16	658658	CHR16:658658	SSF x Near_LoA	-6,258	-0,171	0,279
CHR16	658659	CHR16:658659	SSF x Near_LoA	-6,207	-0,154	0,280
CHR16	6675549	CHR16:6675549	SSF x Near_LoA	-6,895	-0,002	0,297
CHR16	669752	CHR16:669752	SSF x Near_LoA	-8,196	-0,098	0,294
CHR16	669810	CHR16:669810	SSF x Near_LoA	-6,642	0,082	0,266
CHR16	669881	CHR16:669881	SSF x Near_LoA	-4,616	0,199	0,281
CHR16	669902	CHR16:669902	SSF x Near_LoA	-0,493	0,204	0,270
CHR16	669934	CHR16:669934	SSF x Near_LoA	-6,626	0,154	0,273
CHR16	6702280	CHR16:6702280	SSF x Near_LoA	-9,776	-0,004	0,286
CHR16	6702313	CHR16:6702313	SSF x Near_LoA	-7,225	-0,067	0,285
CHR16	6705901	CHR16:6705901	SSF x Near_LoA	-6,575	0,158	0,273
CHR16	6706036	CHR16:6706036	SSF x Near_LoA	-8,147	-0,022	0,275
CHR16	6706171	CHR16:6706171	SSF x Near_LoA	-9,029	0,121	0,279
CHR16	6722161	CHR16:6722161	SSF x Near_LoA	-7,463	0,030	0,297
CHR16	6722204	CHR16:6722204	SSF x Near_LoA	-4,460	0,083	0,283
CHR16	6722208	CHR16:6722208	SSF x Near_LoA	-10,710	0,003	0,292
CHR16	6722217	CHR16:6722217	SSF x Near_LoA	-7,136	0,110	0,282
CHR16	6722231	CHR16:6722231	SSF x Near_LoA	-7,080	0,094	0,282
CHR16	6722240	CHR16:6722240	SSF x Near_LoA	-6,653	0,117	0,290
CHR16	6733634	CHR16:6733634	SSF x Near_LoA	-7,468	0,107	0,285
CHR16	6733644	CHR16:6733644	SSF x Near_LoA	-6,454	0,122	0,296
CHR16	6733677	CHR16:6733677	SSF x Near_LoA	-3,617	-0,249	0,247
CHR16	6733697	CHR16:6733697	SSF x Near_LoA	-3,849	-0,189	0,283
CHR16	6733702	CHR16:6733702	SSF x Near_LoA	-7,129	0,091	0,286
CHR16	6733716	CHR16:6733716	SSF x Near_LoA	-2,583	-0,211	0,267
CHR16	6733744	CHR16:6733744	SSF x Near_LoA	-5,664	0,104	0,273
CHR16	6747595	CHR16:6747595	SSF x Near_LoA	-9,664	-0,014	0,280
CHR16	6747691	CHR16:6747691	SSF x Near_LoA	-8,631	0,078	0,289
CHR16	6747758	CHR16:6747758	SSF x Near_LoA	-10,038	0,022	0,287
CHR16	6751465	CHR16:6751465	SSF x Near_LoA	-3,857	-0,140	0,290
CHR16	6758460	CHR16:6758460	SSF x Near_LoA	-10,450	0,007	0,283
CHR16	6763245	CHR16:6763245	SSF x Near_LoA	-1,075	0,275	0,262
CHR16	6763325	CHR16:6763325	SSF x Near_LoA	-8,683	-0,011	0,279
CHR16	6763382	CHR16:6763382	SSF x Near_LoA	-5,636	-0,150	0,288

CHR16	6763418	CHR16:6763418	SSF x Near_LoA	-7,475	-0,070	0,285
CHR16	6763449	CHR16:6763449	SSF x Near_LoA	-4,832	-0,087	0,275
CHR16	6763494	CHR16:6763494	SSF x Near_LoA	-7,731	0,063	0,296
CHR16	6764681	CHR16:6764681	SSF x Near_LoA	-6,953	0,120	0,285
CHR16	6775506	CHR16:6775506	SSF x Near_LoA	-7,253	0,079	0,270
CHR16	6775592	CHR16:6775592	SSF x Near_LoA	-10,610	0,020	0,294
CHR16	6775595	CHR16:6775595	SSF x Near_LoA	-7,304	-0,064	0,288
CHR16	6775618	CHR16:6775618	SSF x Near_LoA	-10,223	0,056	0,282
CHR16	6778474	CHR16:6778474	SSF x Near_LoA	-9,613	-0,020	0,288
CHR16	6778647	CHR16:6778647	SSF x Near_LoA	-3,410	-0,229	0,260
CHR16	6778653	CHR16:6778653	SSF x Near_LoA	-7,507	0,136	0,281
CHR16	6778689	CHR16:6778689	SSF x Near_LoA	-5,035	-0,120	0,270
CHR16	6778719	CHR16:6778719	SSF x Near_LoA	-8,072	0,112	0,288
CHR16	6780003	CHR16:6780003	SSF x Near_LoA	-7,926	-0,006	0,271
CHR16	6780013	CHR16:6780013	SSF x Near_LoA	-8,749	0,003	0,279
CHR16	6780100	CHR16:6780100	SSF x Near_LoA	-5,803	-0,107	0,293
CHR16	6780140	CHR16:6780140	SSF x Near_LoA	-8,051	-0,012	0,295
CHR16	6788980	CHR16:6788980	SSF x Near_LoA	-9,553	0,032	0,280
CHR16	6789054	CHR16:6789054	SSF x Near_LoA	-7,806	-0,065	0,303
CHR16	6789067	CHR16:6789067	SSF x Near_LoA	-8,612	-0,158	0,281
CHR16	6789120	CHR16:6789120	SSF x Near_LoA	-9,272	0,029	0,288
CHR16	6789190	CHR16:6789190	SSF x Near_LoA	-8,719	0,071	0,286
CHR16	6789200	CHR16:6789200	SSF x Near_LoA	-6,860	0,140	0,277
CHR16	6789212	CHR16:6789212	SSF x Near_LoA	-6,638	0,099	0,291
CHR16	6790492	CHR16:6790492	SSF x Near_LoA	-7,803	0,026	0,289
CHR16	6790582	CHR16:6790582	SSF x Near_LoA	-8,229	0,102	0,285
CHR16	6790730	CHR16:6790730	SSF x Near_LoA	-8,859	0,004	0,279
CHR16	6790735	CHR16:6790735	SSF x Near_LoA	-8,706	-0,022	0,291
CHR16	6810954	CHR16:6810954	SSF x Near_LoA	-8,916	-0,113	0,293
CHR16	6811008	CHR16:6811008	SSF x Near_LoA	-9,613	-0,061	0,284
CHR16	6811029	CHR16:6811029	SSF x Near_LoA	-2,477	0,234	0,252
CHR16	6811072	CHR16:6811072	SSF x Near_LoA	-8,039	0,026	0,289
CHR16	6811125	CHR16:6811125	SSF x Near_LoA	-8,762	-0,142	0,282
CHR16	6811133	CHR16:6811133	SSF x Near_LoA	-6,957	0,019	0,287
CHR16	6811154	CHR16:6811154	SSF x Near_LoA	-9,502	0,097	0,271
CHR16	6811258	CHR16:6811258	SSF x Near_LoA	-7,017	-0,112	0,286
CHR16	6811265	CHR16:6811265	SSF x Near_LoA	-9,789	-0,008	0,292
CHR16	6813963	CHR16:6813963	SSF x Near_LoA	-9,874	0,010	0,276
CHR16	6813988	CHR16:6813988	SSF x Near_LoA	-9,225	-0,035	0,294
CHR16	6816339	CHR16:6816339	SSF x Near_LoA	-6,832	-0,159	0,278
CHR16	6816371	CHR16:6816371	SSF x Near_LoA	-7,381	-0,006	0,290
CHR16	6825129	CHR16:6825129	SSF x Near_LoA	-7,180	-0,098	0,296
CHR16	682648	CHR16:682648	SSF x Near_LoA	-9,995	0,008	0,268
CHR16	682654	CHR16:682654	SSF x Near_LoA	-8,330	0,045	0,283
CHR16	682713	CHR16:682713	SSF x Near_LoA	-8,668	0,149	0,284
CHR16	682841	CHR16:682841	SSF x Near_LoA	-7,787	0,085	0,290
CHR16	6847852	CHR16:6847852	SSF x Near_LoA	-4,272	0,185	0,289
CHR16	6847858	CHR16:6847858	SSF x Near_LoA	-7,885	0,076	0,292
CHR16	685557	CHR16:685557	SSF x Near_LoA	-7,669	-0,102	0,285
CHR16	685560	CHR16:685560	SSF x Near_LoA	-7,427	-0,042	0,295
CHR16	6858029	CHR16:6858029	SSF x Near_LoA	-11,166	0,025	0,282
CHR16	6858250	CHR16:6858250	SSF x Near_LoA	-7,818	0,107	0,285
CHR16	6867274	CHR16:6867274	SSF x Near_LoA	-10,650	0,072	0,283

CHR16	6867300	CHR16:6867300	SSF x Near_LoA	-7,063	-0,008	0,287
CHR16	6872690	CHR16:6872690	SSF x Near_LoA	-7,763	0,052	0,291
CHR16	6883097	CHR16:6883097	SSF x Near_LoA	-8,785	-0,058	0,287
CHR16	6883117	CHR16:6883117	SSF x Near_LoA	-8,660	-0,039	0,285
CHR16	6883144	CHR16:6883144	SSF x Near_LoA	-5,223	-0,154	0,268
CHR16	6883228	CHR16:6883228	SSF x Near_LoA	-7,827	-0,010	0,279
CHR16	6883304	CHR16:6883304	SSF x Near_LoA	-7,895	0,031	0,287
CHR16	6900267	CHR16:6900267	SSF x Near_LoA	-7,227	-0,061	0,296
CHR16	6906576	CHR16:6906576	SSF x Near_LoA	-9,491	0,058	0,291
CHR16	6929672	CHR16:6929672	SSF x Near_LoA	-5,669	-0,155	0,279
CHR16	6929721	CHR16:6929721	SSF x Near_LoA	-2,652	-0,058	0,289
CHR16	6929845	CHR16:6929845	SSF x Near_LoA	-10,290	-0,056	0,281
CHR16	6932042	CHR16:6932042	SSF x Near_LoA	-7,741	-0,188	0,282
CHR16	6934621	CHR16:6934621	SSF x Near_LoA	-8,959	-0,067	0,296
CHR16	6934819	CHR16:6934819	SSF x Near_LoA	-10,466	-0,067	0,287
CHR16	6934836	CHR16:6934836	SSF x Near_LoA	-9,711	-0,011	0,290
CHR16	6939174	CHR16:6939174	SSF x Near_LoA	-7,053	-0,221	0,287
CHR16	6939226	CHR16:6939226	SSF x Near_LoA	0,517	-0,267	0,265
CHR16	6946480	CHR16:6946480	SSF x Near_LoA	-8,006	-0,080	0,288
CHR16	6954442	CHR16:6954442	SSF x Near_LoA	-8,321	-0,041	0,287
CHR16	6954576	CHR16:6954576	SSF x Near_LoA	-7,755	-0,090	0,286
CHR16	6954606	CHR16:6954606	SSF x Near_LoA	-7,166	0,134	0,274
CHR16	6954608	CHR16:6954608	SSF x Near_LoA	-6,240	0,127	0,282
CHR16	6954648	CHR16:6954648	SSF x Near_LoA	-9,528	-0,017	0,286
CHR16	695738	CHR16:695738	SSF x Near_LoA	-9,287	0,013	0,278
CHR16	695978	CHR16:695978	SSF x Near_LoA	-7,798	-0,044	0,287
CHR16	695980	CHR16:695980	SSF x Near_LoA	-6,548	-0,069	0,306
CHR16	696034	CHR16:696034	SSF x Near_LoA	-9,227	0,020	0,296
CHR16	696035	CHR16:696035	SSF x Near_LoA	-8,784	0,108	0,297
CHR16	696047	CHR16:696047	SSF x Near_LoA	-9,225	0,029	0,296
CHR16	6975993	CHR16:6975993	SSF x Near_LoA	-9,634	0,044	0,279
CHR16	6984415	CHR16:6984415	SSF x Near_LoA	-10,103	-0,072	0,280
CHR16	6984427	CHR16:6984427	SSF x Near_LoA	-9,099	-0,048	0,290
CHR16	6991740	CHR16:6991740	SSF x Near_LoA	-10,872	-0,033	0,280
CHR16	6991776	CHR16:6991776	SSF x Near_LoA	-9,042	0,019	0,287
CHR16	6991787	CHR16:6991787	SSF x Near_LoA	-8,160	0,051	0,282
CHR16	6991789	CHR16:6991789	SSF x Near_LoA	-8,574	0,012	0,297
CHR16	6991804	CHR16:6991804	SSF x Near_LoA	-4,537	0,045	0,285
CHR16	6991813	CHR16:6991813	SSF x Near_LoA	-8,784	0,031	0,287
CHR16	6991814	CHR16:6991814	SSF x Near_LoA	-5,137	0,027	0,291
CHR16	6991817	CHR16:6991817	SSF x Near_LoA	-9,152	0,016	0,296
CHR16	6991822	CHR16:6991822	SSF x Near_LoA	-9,550	0,044	0,276
CHR16	6992986	CHR16:6992986	SSF x Near_LoA	-4,795	0,156	0,290
CHR16	6993021	CHR16:6993021	SSF x Near_LoA	-5,551	0,164	0,280
CHR16	6993118	CHR16:6993118	SSF x Near_LoA	-6,827	-0,104	0,300
CHR16	6993164	CHR16:6993164	SSF x Near_LoA	-8,545	-0,046	0,288
CHR16	6993190	CHR16:6993190	SSF x Near_LoA	-1,262	0,242	0,276
CHR16	6993212	CHR16:6993212	SSF x Near_LoA	-2,284	0,233	0,281
CHR16	6997232	CHR16:6997232	SSF x Near_LoA	-7,832	-0,031	0,286
CHR16	6997323	CHR16:6997323	SSF x Near_LoA	-7,912	-0,137	0,278
CHR16	7004412	CHR16:7004412	SSF x Near_LoA	-6,357	0,050	0,276
CHR16	7025433	CHR16:7025433	SSF x Near_LoA	-9,415	0,052	0,268
CHR16	7025513	CHR16:7025513	SSF x Near_LoA	-9,057	0,062	0,288

CHR16	7025594	CHR16:7025594	SSF x Near_LoA	-9,468	-0,038	0,293
CHR16	7039014	CHR16:7039014	SSF x Near_LoA	-10,121	0,095	0,292
CHR16	7060599	CHR16:7060599	SSF x Near_LoA	-9,618	0,049	0,284
CHR16	707749	CHR16:707749	SSF x Near_LoA	-2,350	-0,084	0,283
CHR16	707865	CHR16:707865	SSF x Near_LoA	-8,664	0,125	0,287
CHR16	707869	CHR16:707869	SSF x Near_LoA	-7,126	-0,229	0,270
CHR16	707959	CHR16:707959	SSF x Near_LoA	-5,885	-0,115	0,293
CHR16	7086880	CHR16:7086880	SSF x Near_LoA	-7,443	-0,080	0,295
CHR16	7092644	CHR16:7092644	SSF x Near_LoA	-7,621	0,009	0,301
CHR16	7092799	CHR16:7092799	SSF x Near_LoA	-9,051	-0,013	0,280
CHR16	7107853	CHR16:7107853	SSF x Near_LoA	-8,976	0,061	0,284
CHR16	710913	CHR16:710913	SSF x Near_LoA	-8,932	-0,035	0,288
CHR16	710958	CHR16:710958	SSF x Near_LoA	-8,592	0,057	0,286
CHR16	711040	CHR16:711040	SSF x Near_LoA	-7,691	0,031	0,286
CHR16	711072	CHR16:711072	SSF x Near_LoA	-8,792	-0,099	0,279
CHR16	711117	CHR16:711117	SSF x Near_LoA	-8,581	0,072	0,287
CHR16	7144268	CHR16:7144268	SSF x Near_LoA	-11,127	0,025	0,277
CHR16	719802	CHR16:719802	SSF x Near_LoA	-1,178	0,198	0,279
CHR16	719849	CHR16:719849	SSF x Near_LoA	-8,740	0,075	0,290
CHR16	719910	CHR16:719910	SSF x Near_LoA	-7,649	-0,047	0,276
CHR16	7227338	CHR16:7227338	SSF x Near_LoA	-0,916	-0,293	0,263
CHR16	7227359	CHR16:7227359	SSF x Near_LoA	-9,361	-0,100	0,289
CHR16	7227466	CHR16:7227466	SSF x Near_LoA	-4,371	-0,144	0,293
CHR16	7233614	CHR16:7233614	SSF x Near_LoA	-8,189	-0,071	0,289
CHR16	7233876	CHR16:7233876	SSF x Near_LoA	-8,318	0,077	0,276
CHR16	7243906	CHR16:7243906	SSF x Near_LoA	-6,827	-0,067	0,273
CHR16	7244042	CHR16:7244042	SSF x Near_LoA	5,464	-0,168	0,279
CHR16	7244318	CHR16:7244318	SSF x Near_LoA	-8,213	-0,060	0,280
CHR16	7253794	CHR16:7253794	SSF x Near_LoA	-8,055	-0,024	0,286
CHR16	7253842	CHR16:7253842	SSF x Near_LoA	-6,218	0,113	0,296
CHR16	7253879	CHR16:7253879	SSF x Near_LoA	-8,385	0,128	0,280
CHR16	7253892	CHR16:7253892	SSF x Near_LoA	-8,290	0,090	0,287
CHR16	7253894	CHR16:7253894	SSF x Near_LoA	-7,619	0,109	0,283
CHR16	7256077	CHR16:7256077	SSF x Near_LoA	-5,810	0,078	0,267
CHR16	7256095	CHR16:7256095	SSF x Near_LoA	-8,364	0,079	0,260
CHR16	7256433	CHR16:7256433	SSF x Near_LoA	-6,998	0,127	0,278
CHR16	725657	CHR16:725657	SSF x Near_LoA	-8,061	-0,102	0,297
CHR16	725764	CHR16:725764	SSF x Near_LoA	-6,523	0,106	0,271
CHR16	7263928	CHR16:7263928	SSF x Near_LoA	-7,293	-0,071	0,285
CHR16	7263963	CHR16:7263963	SSF x Near_LoA	-6,912	-0,063	0,288
CHR16	7264027	CHR16:7264027	SSF x Near_LoA	-1,668	0,267	0,266
CHR16	7264063	CHR16:7264063	SSF x Near_LoA	-7,539	0,236	0,267
CHR16	7264071	CHR16:7264071	SSF x Near_LoA	-10,222	-0,047	0,295
CHR16	7264105	CHR16:7264105	SSF x Near_LoA	-0,399	-0,296	0,267
CHR16	7264147	CHR16:7264147	SSF x Near_LoA	-9,024	0,093	0,279
CHR16	7264260	CHR16:7264260	SSF x Near_LoA	-7,890	-0,030	0,269
CHR16	7264276	CHR16:7264276	SSF x Near_LoA	-7,082	0,029	0,280
CHR16	7264304	CHR16:7264304	SSF x Near_LoA	-7,124	0,119	0,286
CHR16	7275943	CHR16:7275943	SSF x Near_LoA	-10,177	-0,022	0,292
CHR16	7278385	CHR16:7278385	SSF x Near_LoA	-6,176	0,138	0,289
CHR16	7278451	CHR16:7278451	SSF x Near_LoA	-6,956	0,168	0,298
CHR16	7278547	CHR16:7278547	SSF x Near_LoA	-9,881	0,099	0,295
CHR16	7278625	CHR16:7278625	SSF x Near_LoA	-7,040	0,134	0,276

CHR16	7278652	CHR16:7278652	SSF x Near_LoA	-9,257	-0,033	0,288
CHR16	7281666	CHR16:7281666	SSF x Near_LoA	-8,852	-0,043	0,301
CHR16	7281781	CHR16:7281781	SSF x Near_LoA	-8,532	-0,028	0,270
CHR16	7281824	CHR16:7281824	SSF x Near_LoA	-7,537	0,004	0,288
CHR16	7289257	CHR16:7289257	SSF x Near_LoA	-8,069	0,097	0,283
CHR16	7289266	CHR16:7289266	SSF x Near_LoA	-7,187	0,073	0,282
CHR16	7289311	CHR16:7289311	SSF x Near_LoA	-9,669	-0,180	0,277
CHR16	7289360	CHR16:7289360	SSF x Near_LoA	-7,397	-0,032	0,296
CHR16	7289397	CHR16:7289397	SSF x Near_LoA	-7,065	-0,030	0,282
CHR16	7290592	CHR16:7290592	SSF x Near_LoA	-5,586	-0,207	0,286
CHR16	7290664	CHR16:7290664	SSF x Near_LoA	-8,570	0,002	0,282
CHR16	7290746	CHR16:7290746	SSF x Near_LoA	-9,458	0,133	0,295
CHR16	7296014	CHR16:7296014	SSF x Near_LoA	-8,697	0,093	0,285
CHR16	7296097	CHR16:7296097	SSF x Near_LoA	-8,124	0,111	0,276
CHR16	7296111	CHR16:7296111	SSF x Near_LoA	-1,326	-0,197	0,264
CHR16	7296207	CHR16:7296207	SSF x Near_LoA	-8,181	0,095	0,278
CHR16	7296248	CHR16:7296248	SSF x Near_LoA	-1,793	-0,183	0,279
CHR16	7296251	CHR16:7296251	SSF x Near_LoA	-7,175	-0,062	0,288
CHR16	730420	CHR16:730420	SSF x Near_LoA	-6,227	0,101	0,287
CHR16	730447	CHR16:730447	SSF x Near_LoA	-4,477	0,171	0,281
CHR16	730454	CHR16:730454	SSF x Near_LoA	-6,906	0,070	0,260
CHR16	7306295	CHR16:7306295	SSF x Near_LoA	-9,597	0,019	0,276
CHR16	7306342	CHR16:7306342	SSF x Near_LoA	-11,101	0,001	0,294
CHR16	7306514	CHR16:7306514	SSF x Near_LoA	-9,128	-0,046	0,289
CHR16	7306619	CHR16:7306619	SSF x Near_LoA	-4,595	0,205	0,278
CHR16	7312920	CHR16:7312920	SSF x Near_LoA	-8,546	-0,052	0,296
CHR16	7312979	CHR16:7312979	SSF x Near_LoA	-8,634	0,006	0,297
CHR16	7312982	CHR16:7312982	SSF x Near_LoA	-5,454	0,184	0,264
CHR16	7312992	CHR16:7312992	SSF x Near_LoA	-8,417	0,007	0,304
CHR16	7313088	CHR16:7313088	SSF x Near_LoA	-6,270	0,026	0,283
CHR16	7314530	CHR16:7314530	SSF x Near_LoA	8,087	-0,157	0,266
CHR16	7314541	CHR16:7314541	SSF x Near_LoA	-10,020	-0,065	0,285
CHR16	7314616	CHR16:7314616	SSF x Near_LoA	-2,853	-0,165	0,263
CHR16	7315249	CHR16:7315249	SSF x Near_LoA	-9,118	-0,013	0,279
CHR16	7319196	CHR16:7319196	SSF x Near_LoA	-9,037	0,074	0,296
CHR16	7319335	CHR16:7319335	SSF x Near_LoA	-7,163	0,061	0,297
CHR16	7319387	CHR16:7319387	SSF x Near_LoA	-6,520	-0,075	0,288
CHR16	7323805	CHR16:7323805	SSF x Near_LoA	-6,039	0,225	0,285
CHR16	7323950	CHR16:7323950	SSF x Near_LoA	-4,961	0,185	0,276
CHR16	7325355	CHR16:7325355	SSF x Near_LoA	-10,380	-0,023	0,296
CHR16	7325468	CHR16:7325468	SSF x Near_LoA	-8,119	0,178	0,285
CHR16	7325536	CHR16:7325536	SSF x Near_LoA	-6,475	0,129	0,277
CHR16	7328639	CHR16:7328639	SSF x Near_LoA	-7,852	-0,058	0,302
CHR16	7328641	CHR16:7328641	SSF x Near_LoA	-9,559	-0,092	0,276
CHR16	7328783	CHR16:7328783	SSF x Near_LoA	-8,158	-0,119	0,283
CHR16	7343015	CHR16:7343015	SSF x Near_LoA	-10,137	-0,092	0,288
CHR16	7343084	CHR16:7343084	SSF x Near_LoA	-6,998	0,096	0,282
CHR16	7343176	CHR16:7343176	SSF x Near_LoA	-8,686	0,075	0,281
CHR16	7345911	CHR16:7345911	SSF x Near_LoA	-4,579	0,069	0,294
CHR16	7345914	CHR16:7345914	SSF x Near_LoA	-3,949	0,187	0,287
CHR16	7345972	CHR16:7345972	SSF x Near_LoA	-7,669	0,100	0,294
CHR16	7350254	CHR16:7350254	SSF x Near_LoA	-9,147	-0,193	0,268
CHR16	7350397	CHR16:7350397	SSF x Near_LoA	-7,671	-0,005	0,292

CHR16	7350408	CHR16:7350408	SSF x Near_LoA	-6,033	-0,015	0,307
CHR16	7350409	CHR16:7350409	SSF x Near_LoA	-6,943	-0,030	0,295
CHR16	7354951	CHR16:7354951	SSF x Near_LoA	-6,879	-0,141	0,293
CHR16	7354970	CHR16:7354970	SSF x Near_LoA	-9,352	-0,105	0,275
CHR16	7354974	CHR16:7354974	SSF x Near_LoA	-8,970	-0,114	0,280
CHR16	7355028	CHR16:7355028	SSF x Near_LoA	-8,461	-0,089	0,297
CHR16	7355060	CHR16:7355060	SSF x Near_LoA	-7,573	-0,068	0,273
CHR16	7355064	CHR16:7355064	SSF x Near_LoA	-5,192	-0,041	0,285
CHR16	7355065	CHR16:7355065	SSF x Near_LoA	-8,028	-0,007	0,293
CHR16	7355108	CHR16:7355108	SSF x Near_LoA	-5,830	0,199	0,283
CHR16	7355154	CHR16:7355154	SSF x Near_LoA	-7,139	0,102	0,279
CHR16	7363989	CHR16:7363989	SSF x Near_LoA	-10,262	0,079	0,270
CHR16	7363990	CHR16:7363990	SSF x Near_LoA	-7,079	-0,184	0,273
CHR16	7365949	CHR16:7365949	SSF x Near_LoA	-8,799	-0,077	0,273
CHR16	7365950	CHR16:7365950	SSF x Near_LoA	-7,936	-0,109	0,275
CHR16	7366009	CHR16:7366009	SSF x Near_LoA	-6,775	-0,080	0,283
CHR16	7366075	CHR16:7366075	SSF x Near_LoA	-7,746	-0,078	0,292
CHR16	7367298	CHR16:7367298	SSF x Near_LoA	-2,084	-0,262	0,260
CHR16	7367310	CHR16:7367310	SSF x Near_LoA	-4,535	-0,223	0,264
CHR16	7376535	CHR16:7376535	SSF x Near_LoA	-9,381	0,023	0,285
CHR16	7390686	CHR16:7390686	SSF x Near_LoA	-8,055	0,182	0,287
CHR16	7390702	CHR16:7390702	SSF x Near_LoA	-4,287	0,267	0,266
CHR16	7392353	CHR16:7392353	SSF x Near_LoA	-7,229	-0,028	0,288
CHR16	7392354	CHR16:7392354	SSF x Near_LoA	-6,534	-0,011	0,290
CHR16	7392367	CHR16:7392367	SSF x Near_LoA	-6,095	-0,029	0,288
CHR16	7392388	CHR16:7392388	SSF x Near_LoA	-8,095	-0,006	0,279
CHR16	7392404	CHR16:7392404	SSF x Near_LoA	-8,517	0,004	0,275
CHR16	7392408	CHR16:7392408	SSF x Near_LoA	-8,338	-0,010	0,289
CHR16	7392414	CHR16:7392414	SSF x Near_LoA	-7,834	-0,037	0,275
CHR16	7398585	CHR16:7398585	SSF x Near_LoA	-9,181	-0,133	0,283
CHR16	7398693	CHR16:7398693	SSF x Near_LoA	-8,999	-0,099	0,275
CHR16	7406482	CHR16:7406482	SSF x Near_LoA	-9,946	-0,067	0,286
CHR16	7416255	CHR16:7416255	SSF x Near_LoA	-1,790	0,234	0,278
CHR16	742307	CHR16:742307	SSF x Near_LoA	-7,890	0,099	0,292
CHR16	7467424	CHR16:7467424	SSF x Near_LoA	-9,768	0,118	0,280
CHR16	7473157	CHR16:7473157	SSF x Near_LoA	-9,262	-0,028	0,289
CHR16	7473387	CHR16:7473387	SSF x Near_LoA	-6,456	-0,099	0,285
CHR16	7473529	CHR16:7473529	SSF x Near_LoA	-7,431	-0,013	0,280
CHR16	7495357	CHR16:7495357	SSF x Near_LoA	-7,024	-0,101	0,287
CHR16	7495368	CHR16:7495368	SSF x Near_LoA	-7,409	-0,121	0,288
CHR16	7524700	CHR16:7524700	SSF x Near_LoA	-6,101	0,233	0,290
CHR16	7538023	CHR16:7538023	SSF x Near_LoA	12,039	-0,150	0,288
CHR16	7538139	CHR16:7538139	SSF x Near_LoA	-7,036	-0,048	0,286
CHR16	7570493	CHR16:7570493	SSF x Near_LoA	-6,791	-0,018	0,304
CHR16	7577886	CHR16:7577886	SSF x Near_LoA	-7,198	-0,014	0,287
CHR16	7585356	CHR16:7585356	SSF x Near_LoA	-10,373	0,014	0,281
CHR16	7585492	CHR16:7585492	SSF x Near_LoA	-7,184	-0,101	0,273
CHR16	7585530	CHR16:7585530	SSF x Near_LoA	-9,973	-0,010	0,287
CHR16	7585545	CHR16:7585545	SSF x Near_LoA	-8,666	-0,076	0,283
CHR16	7585546	CHR16:7585546	SSF x Near_LoA	-9,618	0,102	0,280
CHR16	7594261	CHR16:7594261	SSF x Near_LoA	-9,685	-0,046	0,292
CHR16	7606553	CHR16:7606553	SSF x Near_LoA	-6,763	-0,178	0,274
CHR16	7613341	CHR16:7613341	SSF x Near_LoA	-9,686	-0,027	0,281

CHR16	7613357	CHR16:7613357	SSF x Near_LoA	-9,132	-0,045	0,281
CHR16	7613392	CHR16:7613392	SSF x Near_LoA	-4,921	-0,111	0,282
CHR16	7622946	CHR16:7622946	SSF x Near_LoA	-3,515	0,201	0,274
CHR16	7623028	CHR16:7623028	SSF x Near_LoA	-8,370	0,041	0,290
CHR16	763137	CHR16:763137	SSF x Near_LoA	-10,458	-0,011	0,284
CHR16	763170	CHR16:763170	SSF x Near_LoA	-8,799	-0,021	0,293
CHR16	7642645	CHR16:7642645	SSF x Near_LoA	1,175	-0,202	0,276
CHR16	7642828	CHR16:7642828	SSF x Near_LoA	-7,991	0,129	0,278
CHR16	7645242	CHR16:7645242	SSF x Near_LoA	-6,600	-0,053	0,298
CHR16	7657928	CHR16:7657928	SSF x Near_LoA	-5,812	0,051	0,292
CHR16	7665647	CHR16:7665647	SSF x Near_LoA	-8,649	0,039	0,294
CHR16	7665689	CHR16:7665689	SSF x Near_LoA	-7,249	0,018	0,293
CHR16	7679783	CHR16:7679783	SSF x Near_LoA	-10,419	-0,004	0,293
CHR16	7679784	CHR16:7679784	SSF x Near_LoA	-9,859	0,042	0,286
CHR16	7679850	CHR16:7679850	SSF x Near_LoA	-9,626	0,008	0,299
CHR16	7679933	CHR16:7679933	SSF x Near_LoA	-1,950	-0,021	0,293
CHR16	7679955	CHR16:7679955	SSF x Near_LoA	-10,114	0,021	0,280
CHR16	7679969	CHR16:7679969	SSF x Near_LoA	-4,666	0,195	0,276
CHR16	7680687	CHR16:7680687	SSF x Near_LoA	-7,643	-0,037	0,294
CHR16	7680816	CHR16:7680816	SSF x Near_LoA	-8,172	-0,110	0,293
CHR16	7689888	CHR16:7689888	SSF x Near_LoA	-7,920	0,042	0,292
CHR16	7690008	CHR16:7690008	SSF x Near_LoA	-8,151	0,051	0,288
CHR16	7696473	CHR16:7696473	SSF x Near_LoA	-10,073	0,073	0,282
CHR16	7703469	CHR16:7703469	SSF x Near_LoA	-9,300	-0,025	0,298
CHR16	7703503	CHR16:7703503	SSF x Near_LoA	-7,694	-0,134	0,275
CHR16	7703563	CHR16:7703563	SSF x Near_LoA	-8,915	0,114	0,285
CHR16	7703640	CHR16:7703640	SSF x Near_LoA	-8,586	0,081	0,294
CHR16	7726368	CHR16:7726368	SSF x Near_LoA	-8,544	-0,038	0,282
CHR16	7726523	CHR16:7726523	SSF x Near_LoA	-8,632	-0,079	0,281
CHR16	7750623	CHR16:7750623	SSF x Near_LoA	-3,739	0,080	0,292
CHR16	7750747	CHR16:7750747	SSF x Near_LoA	-8,288	-0,014	0,285
CHR16	7751713	CHR16:7751713	SSF x Near_LoA	-8,024	-0,112	0,276
CHR16	7782902	CHR16:7782902	SSF x Near_LoA	-5,592	0,168	0,280
CHR16	7788981	CHR16:7788981	SSF x Near_LoA	-8,625	-0,032	0,281
CHR16	7796021	CHR16:7796021	SSF x Near_LoA	-7,986	0,068	0,284
CHR16	7803789	CHR16:7803789	SSF x Near_LoA	-9,696	0,124	0,272
CHR16	7803886	CHR16:7803886	SSF x Near_LoA	-7,919	0,098	0,287
CHR16	7803966	CHR16:7803966	SSF x Near_LoA	-9,980	0,122	0,268
CHR16	7831668	CHR16:7831668	SSF x Near_LoA	-6,875	-0,026	0,290
CHR16	7831728	CHR16:7831728	SSF x Near_LoA	-7,818	0,009	0,280
CHR16	7835262	CHR16:7835262	SSF x Near_LoA	-9,981	-0,057	0,296
CHR16	7842625	CHR16:7842625	SSF x Near_LoA	-5,622	-0,053	0,306
CHR16	7842633	CHR16:7842633	SSF x Near_LoA	-6,028	-0,021	0,304
CHR16	7842634	CHR16:7842634	SSF x Near_LoA	-6,128	-0,017	0,303
CHR16	7842651	CHR16:7842651	SSF x Near_LoA	-7,611	0,002	0,299
CHR16	7842667	CHR16:7842667	SSF x Near_LoA	-6,580	0,005	0,296
CHR16	7842671	CHR16:7842671	SSF x Near_LoA	-6,883	0,034	0,301
CHR16	7842680	CHR16:7842680	SSF x Near_LoA	-7,544	-0,072	0,298
CHR16	7842696	CHR16:7842696	SSF x Near_LoA	-7,818	0,024	0,305
CHR16	7842701	CHR16:7842701	SSF x Near_LoA	-7,191	0,020	0,298
CHR16	7851741	CHR16:7851741	SSF x Near_LoA	-8,130	0,083	0,285
CHR16	7851929	CHR16:7851929	SSF x Near_LoA	-8,620	0,034	0,285
CHR16	7858505	CHR16:7858505	SSF x Near_LoA	-8,070	-0,011	0,287

CHR16	7858510	CHR16:7858510	SSF x Near_LoA	-7,562	-0,037	0,287
CHR16	7858513	CHR16:7858513	SSF x Near_LoA	-8,290	-0,027	0,296
CHR16	7858518	CHR16:7858518	SSF x Near_LoA	-7,556	-0,024	0,284
CHR16	7862049	CHR16:7862049	SSF x Near_LoA	-8,193	-0,028	0,295
CHR16	7862095	CHR16:7862095	SSF x Near_LoA	-8,510	0,003	0,289
CHR16	7863404	CHR16:7863404	SSF x Near_LoA	-9,753	0,036	0,278
CHR16	7863557	CHR16:7863557	SSF x Near_LoA	-7,304	0,078	0,289
CHR16	7865668	CHR16:7865668	SSF x Near_LoA	-10,323	0,024	0,293
CHR16	7865753	CHR16:7865753	SSF x Near_LoA	-8,179	-0,164	0,294
CHR16	7875827	CHR16:7875827	SSF x Near_LoA	-9,644	0,028	0,303
CHR16	7897079	CHR16:7897079	SSF x Near_LoA	-6,338	-0,203	0,274
CHR16	7897595	CHR16:7897595	SSF x Near_LoA	-8,242	0,058	0,291
CHR16	7932044	CHR16:7932044	SSF x Near_LoA	-6,698	0,074	0,281
CHR16	7932068	CHR16:7932068	SSF x Near_LoA	-8,012	-0,001	0,291
CHR16	7932144	CHR16:7932144	SSF x Near_LoA	-7,768	0,001	0,290
CHR16	7932191	CHR16:7932191	SSF x Near_LoA	-7,936	0,028	0,283
CHR16	7932262	CHR16:7932262	SSF x Near_LoA	-8,877	-0,086	0,283
CHR16	7932292	CHR16:7932292	SSF x Near_LoA	-7,602	-0,014	0,286
CHR16	7932312	CHR16:7932312	SSF x Near_LoA	-9,107	-0,053	0,301
CHR16	7932335	CHR16:7932335	SSF x Near_LoA	-6,430	0,002	0,299
CHR16	7932463	CHR16:7932463	SSF x Near_LoA	-7,364	-0,027	0,283
CHR16	7936771	CHR16:7936771	SSF x Near_LoA	-7,195	-0,103	0,278
CHR16	7936787	CHR16:7936787	SSF x Near_LoA	-8,764	-0,108	0,290
CHR16	7944161	CHR16:7944161	SSF x Near_LoA	-8,046	-0,058	0,272
CHR16	795970	CHR16:795970	SSF x Near_LoA	-8,765	-0,060	0,294
CHR16	795985	CHR16:795985	SSF x Near_LoA	-10,309	0,046	0,292
CHR16	795994	CHR16:795994	SSF x Near_LoA	-6,049	-0,158	0,274
CHR16	7961087	CHR16:7961087	SSF x Near_LoA	-7,303	0,022	0,282
CHR16	796705	CHR16:796705	SSF x Near_LoA	-5,936	0,004	0,291
CHR16	796745	CHR16:796745	SSF x Near_LoA	-8,073	0,021	0,279
CHR16	796754	CHR16:796754	SSF x Near_LoA	-5,738	0,032	0,295
CHR16	7981258	CHR16:7981258	SSF x Near_LoA	-7,714	0,011	0,303
CHR16	7999023	CHR16:7999023	SSF x Near_LoA	-7,548	0,013	0,289
CHR16	7999076	CHR16:7999076	SSF x Near_LoA	-8,125	-0,092	0,285
CHR16	7999231	CHR16:7999231	SSF x Near_LoA	-6,401	0,166	0,255
CHR16	7999305	CHR16:7999305	SSF x Near_LoA	-6,448	0,026	0,290
CHR16	8015791	CHR16:8015791	SSF x Near_LoA	-5,695	-0,082	0,271
CHR16	8023052	CHR16:8023052	SSF x Near_LoA	-7,759	-0,010	0,291
CHR16	8023180	CHR16:8023180	SSF x Near_LoA	-3,236	-0,025	0,312
CHR16	8026361	CHR16:8026361	SSF x Near_LoA	-7,691	-0,008	0,289
CHR16	8062383	CHR16:8062383	SSF x Near_LoA	-8,540	0,040	0,269
CHR16	8062472	CHR16:8062472	SSF x Near_LoA	-5,275	0,171	0,285
CHR16	8102147	CHR16:8102147	SSF x Near_LoA	-7,892	-0,095	0,295
CHR16	8102326	CHR16:8102326	SSF x Near_LoA	-6,911	-0,100	0,269
CHR16	8144281	CHR16:8144281	SSF x Near_LoA	-6,449	-0,103	0,298
CHR16	8154696	CHR16:8154696	SSF x Near_LoA	-8,145	-0,042	0,275
CHR16	8155140	CHR16:8155140	SSF x Near_LoA	-9,305	0,100	0,277
CHR16	8177162	CHR16:8177162	SSF x Near_LoA	-7,673	0,007	0,274
CHR16	8212427	CHR16:8212427	SSF x Near_LoA	3,464	0,277	0,256
CHR16	8222049	CHR16:8222049	SSF x Near_LoA	-6,223	0,216	0,268
CHR16	8232201	CHR16:8232201	SSF x Near_LoA	-10,089	0,062	0,279
CHR16	8232225	CHR16:8232225	SSF x Near_LoA	-9,105	-0,015	0,288
CHR16	8232493	CHR16:8232493	SSF x Near_LoA	-7,661	-0,078	0,286

CHR16	8308040	CHR16:8308040	SSF x Near_LoA	-1,719	0,141	0,277
CHR16	8308158	CHR16:8308158	SSF x Near_LoA	-9,731	0,087	0,284
CHR16	832986	CHR16:832986	SSF x Near_LoA	-8,913	-0,116	0,265
CHR16	8374062	CHR16:8374062	SSF x Near_LoA	-7,699	-0,092	0,268
CHR16	837823	CHR16:837823	SSF x Near_LoA	-10,111	-0,048	0,284
CHR16	837855	CHR16:837855	SSF x Near_LoA	-9,627	-0,098	0,295
CHR16	837914	CHR16:837914	SSF x Near_LoA	-10,096	0,069	0,278
CHR16	8379340	CHR16:8379340	SSF x Near_LoA	-6,373	-0,127	0,306
CHR16	838047	CHR16:838047	SSF x Near_LoA	-9,642	0,015	0,283
CHR16	8396944	CHR16:8396944	SSF x Near_LoA	-5,051	-0,192	0,283
CHR16	843139	CHR16:843139	SSF x Near_LoA	-9,835	0,017	0,298
CHR16	843169	CHR16:843169	SSF x Near_LoA	-7,319	-0,085	0,297
CHR16	843339	CHR16:843339	SSF x Near_LoA	-9,023	0,095	0,290
CHR16	8472315	CHR16:8472315	SSF x Near_LoA	-4,854	-0,219	0,279
CHR16	8486819	CHR16:8486819	SSF x Near_LoA	-4,863	-0,193	0,286
CHR16	8487138	CHR16:8487138	SSF x Near_LoA	-6,282	-0,162	0,289
CHR16	8493205	CHR16:8493205	SSF x Near_LoA	-8,134	0,019	0,285
CHR16	851636	CHR16:851636	SSF x Near_LoA	-6,800	-0,195	0,262
CHR16	851757	CHR16:851757	SSF x Near_LoA	-8,475	0,040	0,276
CHR16	853469	CHR16:853469	SSF x Near_LoA	-10,357	0,094	0,271
CHR16	854837	CHR16:854837	SSF x Near_LoA	-8,019	0,081	0,291
CHR16	854948	CHR16:854948	SSF x Near_LoA	-9,857	0,036	0,285
CHR16	857277	CHR16:857277	SSF x Near_LoA	-8,075	-0,020	0,275
CHR16	8693510	CHR16:8693510	SSF x Near_LoA	-5,619	-0,145	0,289
CHR16	8719667	CHR16:8719667	SSF x Near_LoA	2,759	-0,223	0,275
CHR16	8719843	CHR16:8719843	SSF x Near_LoA	-9,985	0,000	0,279
CHR16	8734714	CHR16:8734714	SSF x Near_LoA	-1,654	0,191	0,282
CHR16	8734722	CHR16:8734722	SSF x Near_LoA	-4,097	0,047	0,295
CHR16	8756376	CHR16:8756376	SSF x Near_LoA	-6,299	-0,148	0,280
CHR16	8802717	CHR16:8802717	SSF x Near_LoA	-7,069	0,160	0,274
CHR16	8831768	CHR16:8831768	SSF x Near_LoA	-7,383	0,056	0,288
CHR16	886363	CHR16:886363	SSF x Near_LoA	-6,629	0,126	0,251
CHR16	886422	CHR16:886422	SSF x Near_LoA	-7,300	-0,066	0,292
CHR16	886454	CHR16:886454	SSF x Near_LoA	-4,900	0,010	0,292
CHR16	8884287	CHR16:8884287	SSF x Near_LoA	-8,739	-0,100	0,302
CHR16	894467	CHR16:894467	SSF x Near_LoA	-4,956	0,144	0,283
CHR16	894513	CHR16:894513	SSF x Near_LoA	2,833	-0,242	0,272
CHR16	904552	CHR16:904552	SSF x Near_LoA	-10,003	-0,034	0,302
CHR16	904777	CHR16:904777	SSF x Near_LoA	-8,768	-0,058	0,284
CHR16	904789	CHR16:904789	SSF x Near_LoA	-7,107	-0,078	0,289
CHR16	904798	CHR16:904798	SSF x Near_LoA	-7,968	-0,055	0,295
CHR16	904809	CHR16:904809	SSF x Near_LoA	-8,242	0,006	0,296
CHR16	904850	CHR16:904850	SSF x Near_LoA	-7,137	0,089	0,282
CHR16	904859	CHR16:904859	SSF x Near_LoA	-10,784	-0,037	0,286
CHR16	904863	CHR16:904863	SSF x Near_LoA	-7,208	0,058	0,285
CHR16	904899	CHR16:904899	SSF x Near_LoA	-8,344	-0,017	0,293
CHR16	927281	CHR16:927281	SSF x Near_LoA	-9,084	-0,022	0,292
CHR16	927292	CHR16:927292	SSF x Near_LoA	-7,823	0,076	0,283
CHR16	936060	CHR16:936060	SSF x Near_LoA	-7,013	0,074	0,288
CHR16	936104	CHR16:936104	SSF x Near_LoA	-5,421	-0,152	0,267
CHR16	936107	CHR16:936107	SSF x Near_LoA	-5,292	-0,238	0,263
CHR16	936170	CHR16:936170	SSF x Near_LoA	-8,007	0,102	0,290
CHR16	936208	CHR16:936208	SSF x Near_LoA	-7,988	0,069	0,276

CHR16	936217	CHR16:936217	SSF x Near_LoA	-11,112	0,037	0,292
CHR16	936265	CHR16:936265	SSF x Near_LoA	-7,886	-0,053	0,304
CHR16	936294	CHR16:936294	SSF x Near_LoA	-4,614	0,218	0,271
CHR16	936336	CHR16:936336	SSF x Near_LoA	-10,037	-0,016	0,294
CHR16	938674	CHR16:938674	SSF x Near_LoA	-3,476	-0,141	0,280
CHR16	938690	CHR16:938690	SSF x Near_LoA	-5,813	-0,143	0,285
CHR16	943899	CHR16:943899	SSF x Near_LoA	-6,745	-0,111	0,288
CHR16	943988	CHR16:943988	SSF x Near_LoA	-9,601	0,009	0,292
CHR16	966640	CHR16:966640	SSF x Near_LoA	-2,429	-0,154	0,277
CHR16	966726	CHR16:966726	SSF x Near_LoA	-9,453	0,055	0,292
CHR16	966731	CHR16:966731	SSF x Near_LoA	-3,400	-0,226	0,269
CHR16	966818	CHR16:966818	SSF x Near_LoA	-9,654	-0,021	0,273
CHR16	986367	CHR16:986367	SSF x Near_LoA	-6,134	-0,155	0,275
CHR16	986386	CHR16:986386	SSF x Near_LoA	-7,364	0,058	0,288
CHR16	986394	CHR16:986394	SSF x Near_LoA	-6,525	0,098	0,289
CHR16	986397	CHR16:986397	SSF x Near_LoA	-6,597	0,113	0,281
CHR16	986404	CHR16:986404	SSF x Near_LoA	-8,508	-0,010	0,286
CHR16	986490	CHR16:986490	SSF x Near_LoA	-7,109	0,035	0,296
CHR16	987617	CHR16:987617	SSF x Near_LoA	-8,527	-0,091	0,290
CHR17	1E+07	CHR17:1000369	SSF x Near_LoA	-7,188	0,019	0,289
CHR17	1E+07	CHR17:1000380	SSF x Near_LoA	-7,559	0,075	0,284
CHR17	1E+07	CHR17:1000381	SSF x Near_LoA	-7,765	0,030	0,299
CHR17	1E+07	CHR17:1002043	SSF x Near_LoA	-5,969	0,135	0,279
CHR17	1E+07	CHR17:1002060	SSF x Near_LoA	-9,742	0,037	0,284
CHR17	1E+07	CHR17:1002071	SSF x Near_LoA	-9,259	-0,014	0,288
CHR17	1E+07	CHR17:1002073	SSF x Near_LoA	-9,556	-0,030	0,286
CHR17	1003375	CHR17:1003375	SSF x Near_LoA	-8,344	-0,058	0,287
CHR17	1003379	CHR17:1003379	SSF x Near_LoA	-3,897	-0,067	0,279
CHR17	1003397	CHR17:1003397	SSF x Near_LoA	-7,036	0,140	0,279
CHR17	1003467	CHR17:1003467	SSF x Near_LoA	-10,529	-0,074	0,281
CHR17	1003539	CHR17:1003539	SSF x Near_LoA	-7,110	-0,166	0,282
CHR17	1003599	CHR17:1003599	SSF x Near_LoA	-9,112	-0,079	0,284
CHR17	1E+07	CHR17:1004968	SSF x Near_LoA	-9,690	0,052	0,283
CHR17	1E+07	CHR17:1008482	SSF x Near_LoA	-9,780	-0,063	0,296
CHR17	1E+07	CHR17:1009284	SSF x Near_LoA	-9,978	-0,106	0,285
CHR17	1E+07	CHR17:1009994	SSF x Near_LoA	-9,309	0,005	0,290
CHR17	1E+07	CHR17:1009998	SSF x Near_LoA	-9,153	0,130	0,277
CHR17	1E+07	CHR17:1010883	SSF x Near_LoA	-8,534	0,005	0,278
CHR17	1E+07	CHR17:1010887	SSF x Near_LoA	-7,685	-0,046	0,281
CHR17	1E+07	CHR17:1010888	SSF x Near_LoA	-7,754	-0,025	0,293
CHR17	1E+07	CHR17:1010890	SSF x Near_LoA	-8,870	-0,043	0,296
CHR17	1E+07	CHR17:1010923	SSF x Near_LoA	-9,996	0,012	0,294
CHR17	1E+07	CHR17:1011103	SSF x Near_LoA	-8,471	0,167	0,286
CHR17	1E+07	CHR17:1011103	SSF x Near_LoA	-4,604	-0,137	0,282
CHR17	1E+07	CHR17:1012571	SSF x Near_LoA	-6,318	0,124	0,279
CHR17	1E+07	CHR17:1012575	SSF x Near_LoA	-7,176	-0,084	0,287
CHR17	1E+07	CHR17:1012575	SSF x Near_LoA	-6,692	-0,083	0,285
CHR17	1E+07	CHR17:1012583	SSF x Near_LoA	-10,570	-0,019	0,285
CHR17	1E+07	CHR17:1012583	SSF x Near_LoA	-9,264	-0,094	0,292
CHR17	1E+07	CHR17:1013437	SSF x Near_LoA	-8,986	0,072	0,299
CHR17	1E+07	CHR17:1013440	SSF x Near_LoA	-8,576	0,090	0,285
CHR17	1E+07	CHR17:1013440	SSF x Near_LoA	-7,580	0,010	0,308
CHR17	1E+07	CHR17:1013445	SSF x Near_LoA	-5,298	-0,153	0,270

CHR17	1E+07	CHR17:10138242	SSF x Near_LoA	-10,352	-0,013	0,291
CHR17	1E+07	CHR17:10138280	SSF x Near_LoA	-9,400	0,094	0,275
CHR17	1E+07	CHR17:10142279	SSF x Near_LoA	-7,659	0,217	0,274
CHR17	1E+07	CHR17:10142483	SSF x Near_LoA	-8,657	0,051	0,283
CHR17	1E+07	CHR17:10159602	SSF x Near_LoA	-7,705	-0,031	0,257
CHR17	1E+07	CHR17:10159713	SSF x Near_LoA	-7,027	-0,008	0,293
CHR17	1E+07	CHR17:10159720	SSF x Near_LoA	-5,005	0,080	0,283
CHR17	1E+07	CHR17:10159745	SSF x Near_LoA	-8,936	0,013	0,271
CHR17	1E+07	CHR17:10159797	SSF x Near_LoA	-8,913	-0,031	0,303
CHR17	1E+07	CHR17:10161446	SSF x Near_LoA	-6,913	0,017	0,281
CHR17	1E+07	CHR17:10165872	SSF x Near_LoA	-6,777	0,012	0,291
CHR17	1E+07	CHR17:10166734	SSF x Near_LoA	-6,900	-0,071	0,298
CHR17	1E+07	CHR17:10166782	SSF x Near_LoA	-7,683	-0,106	0,287
CHR17	1E+07	CHR17:10166783	SSF x Near_LoA	-6,957	0,147	0,284
CHR17	1E+07	CHR17:10166812	SSF x Near_LoA	-8,437	0,030	0,288
CHR17	1E+07	CHR17:10166819	SSF x Near_LoA	-6,989	0,048	0,284
CHR17	1016792	CHR17:1016792	SSF x Near_LoA	-7,713	0,116	0,287
CHR17	1016862	CHR17:1016862	SSF x Near_LoA	-11,531	0,017	0,271
CHR17	1016932	CHR17:1016932	SSF x Near_LoA	-7,323	0,076	0,291
CHR17	1017091	CHR17:1017091	SSF x Near_LoA	-8,855	0,047	0,294
CHR17	1017103	CHR17:1017103	SSF x Near_LoA	-2,992	0,070	0,295
CHR17	1E+07	CHR17:10173761	SSF x Near_LoA	-8,397	-0,025	0,311
CHR17	1E+07	CHR17:10173784	SSF x Near_LoA	-8,545	-0,014	0,306
CHR17	1E+07	CHR17:10176135	SSF x Near_LoA	-6,553	0,138	0,277
CHR17	1E+07	CHR17:10176203	SSF x Near_LoA	-9,031	0,070	0,280
CHR17	1E+07	CHR17:10176323	SSF x Near_LoA	-9,779	0,024	0,269
CHR17	1E+07	CHR17:10176391	SSF x Near_LoA	-7,016	0,113	0,291
CHR17	1E+07	CHR17:10176396	SSF x Near_LoA	-7,676	0,009	0,299
CHR17	1E+07	CHR17:10176463	SSF x Near_LoA	-6,394	-0,074	0,270
CHR17	1E+07	CHR17:10181653	SSF x Near_LoA	-8,883	0,040	0,266
CHR17	1E+07	CHR17:10181677	SSF x Near_LoA	-6,332	0,013	0,292
CHR17	1E+07	CHR17:10181688	SSF x Near_LoA	-9,626	-0,022	0,291
CHR17	1E+07	CHR17:10181768	SSF x Near_LoA	-10,251	0,070	0,281
CHR17	1E+07	CHR17:10181776	SSF x Near_LoA	-10,075	-0,006	0,287
CHR17	1E+07	CHR17:10181788	SSF x Near_LoA	-7,523	0,090	0,285
CHR17	1E+07	CHR17:10181920	SSF x Near_LoA	-1,561	0,078	0,299
CHR17	1E+07	CHR17:10181921	SSF x Near_LoA	-7,206	0,017	0,289
CHR17	1E+07	CHR17:10181979	SSF x Near_LoA	-1,627	-0,144	0,261
CHR17	1E+07	CHR17:10181981	SSF x Near_LoA	-7,117	0,059	0,256
CHR17	1E+07	CHR17:10182024	SSF x Near_LoA	-5,540	-0,208	0,274
CHR17	1E+07	CHR17:10182048	SSF x Near_LoA	-8,353	-0,070	0,276
CHR17	1E+07	CHR17:10184332	SSF x Near_LoA	-5,443	-0,130	0,276
CHR17	1E+07	CHR17:10184342	SSF x Near_LoA	-10,420	-0,023	0,284
CHR17	1E+07	CHR17:10184356	SSF x Near_LoA	-9,579	0,070	0,289
CHR17	1E+07	CHR17:10184467	SSF x Near_LoA	-7,512	-0,094	0,298
CHR17	1E+07	CHR17:10184552	SSF x Near_LoA	-8,715	-0,030	0,288
CHR17	1E+07	CHR17:10192423	SSF x Near_LoA	-7,755	0,021	0,294
CHR17	1E+07	CHR17:10193443	SSF x Near_LoA	-9,458	-0,053	0,294
CHR17	1E+07	CHR17:10193569	SSF x Near_LoA	-8,364	0,181	0,280
CHR17	1E+07	CHR17:10193585	SSF x Near_LoA	-9,340	-0,089	0,294
CHR17	1E+07	CHR17:10193685	SSF x Near_LoA	-9,617	0,147	0,284
CHR17	1E+07	CHR17:10193734	SSF x Near_LoA	-6,831	-0,134	0,286
CHR17	1E+07	CHR17:10199136	SSF x Near_LoA	-9,736	-0,105	0,288

CHR17	1E+07	CHR17:10199221	SSF x Near_LoA	-5,476	0,109	0,281
CHR17	1E+07	CHR17:10199229	SSF x Near_LoA	-2,227	-0,260	0,283
CHR17	1E+07	CHR17:10199412	SSF x Near_LoA	-9,900	-0,024	0,284
CHR17	1E+07	CHR17:10202226	SSF x Near_LoA	-7,470	0,064	0,304
CHR17	1E+07	CHR17:10202231	SSF x Near_LoA	-9,072	0,026	0,291
CHR17	1E+07	CHR17:10202466	SSF x Near_LoA	-9,239	0,091	0,278
CHR17	1E+07	CHR17:10204287	SSF x Near_LoA	-8,235	0,060	0,287
CHR17	1E+07	CHR17:10204389	SSF x Near_LoA	-9,586	-0,045	0,289
CHR17	1E+07	CHR17:10207409	SSF x Near_LoA	-7,609	0,138	0,289
CHR17	1E+07	CHR17:10209429	SSF x Near_LoA	-9,514	0,021	0,299
CHR17	1E+07	CHR17:10209443	SSF x Near_LoA	-7,812	0,169	0,281
CHR17	1E+07	CHR17:10209491	SSF x Near_LoA	-9,347	-0,053	0,285
CHR17	1E+07	CHR17:10209551	SSF x Near_LoA	-6,986	-0,126	0,295
CHR17	1E+07	CHR17:10209579	SSF x Near_LoA	-6,835	-0,123	0,297
CHR17	1E+07	CHR17:10209587	SSF x Near_LoA	-8,170	0,101	0,291
CHR17	1E+07	CHR17:10209592	SSF x Near_LoA	-6,243	-0,126	0,277
CHR17	1E+07	CHR17:10209605	SSF x Near_LoA	-7,924	0,190	0,276
CHR17	1E+07	CHR17:10209614	SSF x Near_LoA	-7,895	0,060	0,284
CHR17	1021021	CHR17:1021021	SSF x Near_LoA	-3,504	0,077	0,292
CHR17	1E+07	CHR17:10212203	SSF x Near_LoA	0,394	0,282	0,246
CHR17	1E+07	CHR17:10212321	SSF x Near_LoA	-2,471	-0,240	0,280
CHR17	1E+07	CHR17:10216142	SSF x Near_LoA	-6,399	0,001	0,290
CHR17	1E+07	CHR17:10216227	SSF x Near_LoA	-4,310	-0,142	0,277
CHR17	1E+07	CHR17:10216305	SSF x Near_LoA	-8,491	-0,149	0,273
CHR17	1E+07	CHR17:10216312	SSF x Near_LoA	-7,757	-0,162	0,290
CHR17	1E+07	CHR17:10216383	SSF x Near_LoA	-8,218	-0,064	0,290
CHR17	1E+07	CHR17:10222566	SSF x Near_LoA	-4,641	0,081	0,293
CHR17	1E+07	CHR17:10232681	SSF x Near_LoA	-5,881	0,108	0,277
CHR17	1E+07	CHR17:10233049	SSF x Near_LoA	-9,132	-0,061	0,277
CHR17	1E+07	CHR17:10233100	SSF x Near_LoA	-8,329	0,143	0,273
CHR17	1E+07	CHR17:10236654	SSF x Near_LoA	-10,066	0,016	0,279
CHR17	1E+07	CHR17:10236749	SSF x Near_LoA	-2,587	0,247	0,281
CHR17	1E+07	CHR17:10236751	SSF x Near_LoA	-5,822	0,206	0,281
CHR17	1E+07	CHR17:10236803	SSF x Near_LoA	-5,777	-0,119	0,278
CHR17	1E+07	CHR17:10236995	SSF x Near_LoA	-2,479	-0,038	0,300
CHR17	1E+07	CHR17:10247024	SSF x Near_LoA	-9,790	0,017	0,310
CHR17	1E+07	CHR17:10247782	SSF x Near_LoA	-9,437	0,052	0,289
CHR17	1E+07	CHR17:10247784	SSF x Near_LoA	-7,966	0,026	0,292
CHR17	1E+07	CHR17:10247960	SSF x Near_LoA	-10,393	-0,035	0,289
CHR17	1E+07	CHR17:10248298	SSF x Near_LoA	-7,525	-0,086	0,288
CHR17	1E+07	CHR17:10248426	SSF x Near_LoA	-10,094	-0,001	0,293
CHR17	1E+07	CHR17:10259544	SSF x Near_LoA	-5,723	0,120	0,285
CHR17	1E+07	CHR17:10259554	SSF x Near_LoA	-7,575	0,016	0,292
CHR17	1E+07	CHR17:10259555	SSF x Near_LoA	-6,958	0,033	0,307
CHR17	1E+07	CHR17:10259633	SSF x Near_LoA	-8,320	-0,020	0,286
CHR17	1E+07	CHR17:10265764	SSF x Near_LoA	-10,046	-0,088	0,300
CHR17	1E+07	CHR17:10277420	SSF x Near_LoA	-9,026	-0,059	0,294
CHR17	1E+07	CHR17:10277431	SSF x Near_LoA	-9,748	-0,043	0,281
CHR17	1E+07	CHR17:10277486	SSF x Near_LoA	-2,747	0,085	0,275
CHR17	1E+07	CHR17:10277501	SSF x Near_LoA	-7,076	-0,009	0,289
CHR17	1E+07	CHR17:10277506	SSF x Near_LoA	-6,341	-0,105	0,291
CHR17	1E+07	CHR17:10277594	SSF x Near_LoA	-0,647	0,100	0,277
CHR17	1E+07	CHR17:10277652	SSF x Near_LoA	-9,419	-0,073	0,296

CHR17	1E+07	CHR17:10277707	SSF x Near_LoA	-9,533	-0,013	0,297
CHR17	1E+07	CHR17:10277720	SSF x Near_LoA	-9,865	-0,076	0,294
CHR17	1E+07	CHR17:10277724	SSF x Near_LoA	-5,478	-0,007	0,280
CHR17	1E+07	CHR17:10280353	SSF x Near_LoA	-10,009	0,017	0,277
CHR17	1E+07	CHR17:10280384	SSF x Near_LoA	-7,362	-0,118	0,301
CHR17	1E+07	CHR17:10280465	SSF x Near_LoA	-7,999	-0,008	0,287
CHR17	1E+07	CHR17:10280485	SSF x Near_LoA	-9,019	-0,114	0,281
CHR17	1E+07	CHR17:10280615	SSF x Near_LoA	-6,598	-0,045	0,303
CHR17	1E+07	CHR17:10280630	SSF x Near_LoA	-7,981	-0,142	0,293
CHR17	1E+07	CHR17:10285722	SSF x Near_LoA	-6,762	0,062	0,294
CHR17	1E+07	CHR17:10285839	SSF x Near_LoA	-6,431	0,076	0,307
CHR17	1E+07	CHR17:10286968	SSF x Near_LoA	-7,378	0,055	0,293
CHR17	1E+07	CHR17:10289719	SSF x Near_LoA	-9,725	0,101	0,278
CHR17	1E+07	CHR17:10293700	SSF x Near_LoA	-9,064	-0,038	0,290
CHR17	1E+07	CHR17:10293848	SSF x Near_LoA	-10,343	0,006	0,288
CHR17	1E+07	CHR17:10293874	SSF x Near_LoA	-5,897	-0,130	0,288
CHR17	1E+07	CHR17:10293895	SSF x Near_LoA	-9,403	-0,039	0,300
CHR17	1E+07	CHR17:10293896	SSF x Near_LoA	-7,770	-0,026	0,291
CHR17	1E+07	CHR17:10293898	SSF x Near_LoA	-10,024	-0,011	0,297
CHR17	1E+07	CHR17:10293964	SSF x Near_LoA	-10,193	0,005	0,281
CHR17	1E+07	CHR17:10294055	SSF x Near_LoA	-6,541	-0,067	0,272
CHR17	1E+07	CHR17:10297717	SSF x Near_LoA	-8,760	0,117	0,279
CHR17	1E+07	CHR17:10297792	SSF x Near_LoA	-9,092	-0,059	0,292
CHR17	1E+07	CHR17:10297804	SSF x Near_LoA	-9,994	-0,011	0,279
CHR17	1E+07	CHR17:10297939	SSF x Near_LoA	-9,089	-0,022	0,293
CHR17	1E+07	CHR17:10297999	SSF x Near_LoA	-6,395	-0,199	0,283
CHR17	1E+07	CHR17:10298001	SSF x Near_LoA	-4,019	-0,212	0,267
CHR17	1E+07	CHR17:10298037	SSF x Near_LoA	-7,158	-0,248	0,266
CHR17	1E+07	CHR17:10298050	SSF x Near_LoA	-8,558	0,044	0,289
CHR17	1E+07	CHR17:10298053	SSF x Near_LoA	-7,867	0,120	0,278
CHR17	1033950	CHR17:1033950	SSF x Near_LoA	-7,592	-0,095	0,288
CHR17	1034120	CHR17:1034120	SSF x Near_LoA	-4,103	0,162	0,283
CHR17	1034165	CHR17:1034165	SSF x Near_LoA	-3,626	-0,177	0,270
CHR17	1E+07	CHR17:10346118	SSF x Near_LoA	-10,657	0,024	0,286
CHR17	1E+07	CHR17:10346238	SSF x Near_LoA	-7,601	-0,060	0,281
CHR17	1E+07	CHR17:10346307	SSF x Near_LoA	-3,750	-0,070	0,295
CHR17	1E+07	CHR17:10346511	SSF x Near_LoA	-5,511	-0,082	0,301
CHR17	1E+07	CHR17:10349921	SSF x Near_LoA	-7,733	-0,068	0,286
CHR17	1E+07	CHR17:10349999	SSF x Near_LoA	-6,092	0,145	0,268
CHR17	1E+07	CHR17:10350047	SSF x Near_LoA	-8,283	0,024	0,287
CHR17	1E+07	CHR17:10350058	SSF x Near_LoA	-10,075	-0,080	0,287
CHR17	1E+07	CHR17:10361798	SSF x Near_LoA	-9,165	-0,036	0,271
CHR17	1E+07	CHR17:10361902	SSF x Near_LoA	-4,690	-0,242	0,259
CHR17	1E+07	CHR17:10361927	SSF x Near_LoA	-4,784	0,219	0,277
CHR17	1E+07	CHR17:10362028	SSF x Near_LoA	-7,987	-0,124	0,291
CHR17	1E+07	CHR17:10362053	SSF x Near_LoA	-6,754	-0,087	0,275
CHR17	1E+07	CHR17:10362063	SSF x Near_LoA	-8,355	-0,053	0,288
CHR17	1E+07	CHR17:10362071	SSF x Near_LoA	-2,639	-0,126	0,286
CHR17	1E+07	CHR17:10363567	SSF x Near_LoA	-6,029	0,105	0,293
CHR17	1E+07	CHR17:10363635	SSF x Near_LoA	-10,041	0,045	0,270
CHR17	1E+07	CHR17:10379596	SSF x Near_LoA	-8,585	-0,038	0,288
CHR17	1E+07	CHR17:10379666	SSF x Near_LoA	-8,043	-0,196	0,272
CHR17	1E+07	CHR17:10379764	SSF x Near_LoA	-10,165	0,008	0,278

CHR17	1E+07	CHR17:10382601	SSF x Near_LoA	-7,862	-0,014	0,283
CHR17	1E+07	CHR17:10382619	SSF x Near_LoA	-7,930	-0,063	0,282
CHR17	1E+07	CHR17:10382690	SSF x Near_LoA	-5,775	-0,130	0,279
CHR17	1E+07	CHR17:10382730	SSF x Near_LoA	-6,440	0,200	0,268
CHR17	1E+07	CHR17:10382783	SSF x Near_LoA	-7,614	-0,088	0,296
CHR17	1038392	CHR17:1038392	SSF x Near_LoA	-8,436	0,032	0,290
CHR17	1038400	CHR17:1038400	SSF x Near_LoA	-6,223	-0,081	0,276
CHR17	1038418	CHR17:1038418	SSF x Near_LoA	-6,280	0,231	0,271
CHR17	1038444	CHR17:1038444	SSF x Near_LoA	-7,832	-0,110	0,270
CHR17	1038475	CHR17:1038475	SSF x Near_LoA	-7,780	0,046	0,304
CHR17	1038518	CHR17:1038518	SSF x Near_LoA	-7,349	0,069	0,270
CHR17	1038528	CHR17:1038528	SSF x Near_LoA	-7,816	0,076	0,293
CHR17	1E+07	CHR17:10386823	SSF x Near_LoA	-7,047	-0,008	0,274
CHR17	1E+07	CHR17:10393812	SSF x Near_LoA	-8,084	-0,176	0,285
CHR17	1E+07	CHR17:10393856	SSF x Near_LoA	-11,338	0,007	0,283
CHR17	1E+07	CHR17:10393975	SSF x Near_LoA	-3,078	-0,133	0,284
CHR17	1E+07	CHR17:10394025	SSF x Near_LoA	-6,248	-0,201	0,266
CHR17	1E+07	CHR17:10394062	SSF x Near_LoA	-6,194	-0,093	0,287
CHR17	1E+07	CHR17:10394069	SSF x Near_LoA	-3,226	-0,117	0,267
CHR17	1E+07	CHR17:10394083	SSF x Near_LoA	-6,097	-0,249	0,256
CHR17	1E+07	CHR17:10394119	SSF x Near_LoA	-6,456	-0,144	0,272
CHR17	1E+07	CHR17:10396133	SSF x Near_LoA	-8,020	0,090	0,288
CHR17	1E+07	CHR17:10397159	SSF x Near_LoA	-8,587	0,051	0,285
CHR17	1E+07	CHR17:10397269	SSF x Near_LoA	-7,927	-0,056	0,274
CHR17	1E+07	CHR17:10397405	SSF x Near_LoA	-8,798	0,054	0,287
CHR17	1E+07	CHR17:10397496	SSF x Near_LoA	-7,798	-0,010	0,285
CHR17	1E+07	CHR17:10401425	SSF x Near_LoA	-5,473	0,076	0,284
CHR17	1E+07	CHR17:10401454	SSF x Near_LoA	-6,297	-0,068	0,278
CHR17	1E+07	CHR17:10401463	SSF x Near_LoA	-7,675	0,071	0,299
CHR17	1E+07	CHR17:10401515	SSF x Near_LoA	-8,885	-0,091	0,289
CHR17	1E+07	CHR17:10401631	SSF x Near_LoA	-6,086	0,159	0,290
CHR17	1E+07	CHR17:10401653	SSF x Near_LoA	-8,047	0,090	0,292
CHR17	1E+07	CHR17:10401735	SSF x Near_LoA	-7,433	0,086	0,286
CHR17	1E+07	CHR17:10401742	SSF x Near_LoA	-6,805	-0,065	0,297
CHR17	1E+07	CHR17:10401778	SSF x Near_LoA	-1,619	-0,134	0,280
CHR17	1E+07	CHR17:10403822	SSF x Near_LoA	-7,736	0,016	0,302
CHR17	1E+07	CHR17:10403825	SSF x Near_LoA	-7,970	0,045	0,295
CHR17	1E+07	CHR17:10403843	SSF x Near_LoA	-7,850	0,084	0,273
CHR17	1E+07	CHR17:10403862	SSF x Near_LoA	-7,998	0,123	0,276
CHR17	1E+07	CHR17:10403866	SSF x Near_LoA	-7,342	0,133	0,288
CHR17	1E+07	CHR17:10403892	SSF x Near_LoA	-9,113	-0,104	0,280
CHR17	1E+07	CHR17:10403965	SSF x Near_LoA	-10,083	-0,049	0,284
CHR17	1E+07	CHR17:10415184	SSF x Near_LoA	-4,793	-0,078	0,285
CHR17	1E+07	CHR17:10415667	SSF x Near_LoA	-8,303	0,040	0,291
CHR17	1E+07	CHR17:10419915	SSF x Near_LoA	-5,973	-0,148	0,275
CHR17	1E+07	CHR17:10419923	SSF x Near_LoA	-9,134	0,115	0,263
CHR17	1E+07	CHR17:10425134	SSF x Near_LoA	-8,086	-0,083	0,292
CHR17	1E+07	CHR17:10425160	SSF x Near_LoA	-9,331	-0,068	0,288
CHR17	1E+07	CHR17:10425161	SSF x Near_LoA	-10,036	-0,061	0,279
CHR17	1E+07	CHR17:10428032	SSF x Near_LoA	-9,012	0,158	0,279
CHR17	1E+07	CHR17:10428137	SSF x Near_LoA	-10,540	-0,037	0,296
CHR17	1E+07	CHR17:10428229	SSF x Near_LoA	-6,805	0,087	0,284
CHR17	1E+07	CHR17:10428235	SSF x Near_LoA	-7,621	0,106	0,275

CHR17	1E+07	CHR17:10428244	SSF x Near_LoA	-8,222	0,069	0,269
CHR17	1E+07	CHR17:10434486	SSF x Near_LoA	-6,872	-0,056	0,279
CHR17	1E+07	CHR17:10434568	SSF x Near_LoA	-9,265	-0,038	0,292
CHR17	1E+07	CHR17:10434593	SSF x Near_LoA	-6,584	0,192	0,289
CHR17	1E+07	CHR17:10434787	SSF x Near_LoA	-6,563	-0,171	0,288
CHR17	1E+07	CHR17:10445441	SSF x Near_LoA	-7,203	-0,058	0,304
CHR17	1E+07	CHR17:10445490	SSF x Near_LoA	-8,548	-0,015	0,289
CHR17	1E+07	CHR17:10445703	SSF x Near_LoA	-5,999	0,117	0,298
CHR17	1E+07	CHR17:10445704	SSF x Near_LoA	-5,211	0,145	0,281
CHR17	1E+07	CHR17:10445716	SSF x Near_LoA	-7,936	-0,064	0,287
CHR17	1E+07	CHR17:10445751	SSF x Near_LoA	-7,724	-0,026	0,286
CHR17	1044922	CHR17:1044922	SSF x Near_LoA	-9,077	0,087	0,289
CHR17	1044963	CHR17:1044963	SSF x Near_LoA	-5,043	-0,176	0,283
CHR17	1045017	CHR17:1045017	SSF x Near_LoA	-9,243	-0,139	0,290
CHR17	1045041	CHR17:1045041	SSF x Near_LoA	-4,146	0,197	0,259
CHR17	1045077	CHR17:1045077	SSF x Near_LoA	-5,939	0,187	0,280
CHR17	1E+07	CHR17:10454005	SSF x Near_LoA	-7,312	0,048	0,285
CHR17	1E+07	CHR17:10454006	SSF x Near_LoA	-10,056	-0,041	0,294
CHR17	1E+07	CHR17:10454021	SSF x Near_LoA	-6,690	0,027	0,296
CHR17	1E+07	CHR17:10454045	SSF x Near_LoA	-10,228	-0,023	0,282
CHR17	1E+07	CHR17:10454150	SSF x Near_LoA	-9,118	0,037	0,272
CHR17	1E+07	CHR17:10458550	SSF x Near_LoA	-9,597	0,010	0,284
CHR17	1E+07	CHR17:10458568	SSF x Near_LoA	-9,712	-0,064	0,286
CHR17	1E+07	CHR17:10458651	SSF x Near_LoA	-7,598	-0,047	0,290
CHR17	1E+07	CHR17:10458923	SSF x Near_LoA	-9,502	-0,065	0,277
CHR17	1E+07	CHR17:10481986	SSF x Near_LoA	-2,903	0,190	0,294
CHR17	1048874	CHR17:1048874	SSF x Near_LoA	-7,602	0,091	0,276
CHR17	1048928	CHR17:1048928	SSF x Near_LoA	-7,373	-0,141	0,281
CHR17	1048931	CHR17:1048931	SSF x Near_LoA	-6,632	0,213	0,271
CHR17	1048948	CHR17:1048948	SSF x Near_LoA	-7,099	0,000	0,297
CHR17	1048976	CHR17:1048976	SSF x Near_LoA	-8,381	0,034	0,285
CHR17	1048983	CHR17:1048983	SSF x Near_LoA	-8,574	0,024	0,282
CHR17	1048986	CHR17:1048986	SSF x Near_LoA	-9,421	0,030	0,277
CHR17	1048991	CHR17:1048991	SSF x Near_LoA	-4,865	0,161	0,276
CHR17	1049007	CHR17:1049007	SSF x Near_LoA	-7,198	-0,013	0,290
CHR17	1049043	CHR17:1049043	SSF x Near_LoA	-7,664	0,012	0,285
CHR17	1049060	CHR17:1049060	SSF x Near_LoA	3,018	0,014	0,305
CHR17	1049072	CHR17:1049072	SSF x Near_LoA	-6,093	0,073	0,290
CHR17	1E+07	CHR17:10491037	SSF x Near_LoA	-5,846	0,187	0,281
CHR17	1E+07	CHR17:10491134	SSF x Near_LoA	-9,426	-0,040	0,291
CHR17	1E+07	CHR17:10491501	SSF x Near_LoA	-5,035	0,088	0,297
CHR17	1E+07	CHR17:10491555	SSF x Near_LoA	-8,923	-0,089	0,289
CHR17	1E+07	CHR17:10494017	SSF x Near_LoA	-3,712	0,076	0,292
CHR17	10502204	CHR17:10502204	SSF x Near_LoA	-8,062	0,012	0,298
CHR17	10502316	CHR17:10502316	SSF x Near_LoA	-7,803	0,038	0,275
CHR17	10512726	CHR17:10512726	SSF x Near_LoA	-7,041	-0,180	0,285
CHR17	10512788	CHR17:10512788	SSF x Near_LoA	-5,524	-0,155	0,287
CHR17	10549755	CHR17:10549755	SSF x Near_LoA	-9,176	0,016	0,289
CHR17	10549885	CHR17:10549885	SSF x Near_LoA	-5,642	0,043	0,290
CHR17	10553644	CHR17:10553644	SSF x Near_LoA	-5,781	0,174	0,272
CHR17	10553661	CHR17:10553661	SSF x Near_LoA	-3,724	0,185	0,282
CHR17	10553665	CHR17:10553665	SSF x Near_LoA	-5,002	0,188	0,286
CHR17	10553686	CHR17:10553686	SSF x Near_LoA	-3,407	0,152	0,271

CHR17	10553695	CHR17:10553695	SSF x Near_LoA	-5,360	0,184	0,273
CHR17	10557579	CHR17:10557579	SSF x Near_LoA	-8,044	-0,183	0,275
CHR17	10557610	CHR17:10557610	SSF x Near_LoA	-7,661	-0,136	0,303
CHR17	10557682	CHR17:10557682	SSF x Near_LoA	-7,756	-0,109	0,276
CHR17	10557700	CHR17:10557700	SSF x Near_LoA	-8,133	-0,016	0,286
CHR17	10557813	CHR17:10557813	SSF x Near_LoA	-8,765	0,026	0,284
CHR17	10557842	CHR17:10557842	SSF x Near_LoA	-7,896	0,050	0,292
CHR17	10557858	CHR17:10557858	SSF x Near_LoA	-7,463	0,083	0,286
CHR17	10557900	CHR17:10557900	SSF x Near_LoA	-9,157	0,019	0,267
CHR17	10572277	CHR17:10572277	SSF x Near_LoA	-4,677	0,029	0,291
CHR17	10572643	CHR17:10572643	SSF x Near_LoA	-6,284	0,126	0,289
CHR17	10583099	CHR17:10583099	SSF x Near_LoA	-7,888	0,058	0,280
CHR17	10583160	CHR17:10583160	SSF x Near_LoA	-7,895	0,017	0,290
CHR17	10583252	CHR17:10583252	SSF x Near_LoA	-9,084	-0,065	0,279
CHR17	10583262	CHR17:10583262	SSF x Near_LoA	-9,802	-0,034	0,264
CHR17	10585609	CHR17:10585609	SSF x Near_LoA	-8,334	-0,046	0,272
CHR17	10585924	CHR17:10585924	SSF x Near_LoA	-10,416	-0,061	0,280
CHR17	10589632	CHR17:10589632	SSF x Near_LoA	-4,880	-0,126	0,283
CHR17	10589650	CHR17:10589650	SSF x Near_LoA	-6,022	0,081	0,289
CHR17	10600964	CHR17:10600964	SSF x Near_LoA	-9,232	0,018	0,278
CHR17	10601574	CHR17:10601574	SSF x Near_LoA	-7,593	0,016	0,287
CHR17	10601610	CHR17:10601610	SSF x Near_LoA	-8,160	-0,003	0,283
CHR17	10604570	CHR17:10604570	SSF x Near_LoA	-3,500	-0,216	0,278
CHR17	10604677	CHR17:10604677	SSF x Near_LoA	-4,964	0,195	0,275
CHR17	10604784	CHR17:10604784	SSF x Near_LoA	-10,943	-0,065	0,271
CHR17	1061131	CHR17:1061131	SSF x Near_LoA	-6,434	0,108	0,299
CHR17	10625723	CHR17:10625723	SSF x Near_LoA	-7,063	-0,125	0,278
CHR17	10634788	CHR17:10634788	SSF x Near_LoA	-9,327	-0,015	0,291
CHR17	10634789	CHR17:10634789	SSF x Near_LoA	-4,582	0,115	0,287
CHR17	10634869	CHR17:10634869	SSF x Near_LoA	-8,090	0,072	0,275
CHR17	10634913	CHR17:10634913	SSF x Near_LoA	-7,604	0,005	0,284
CHR17	10634992	CHR17:10634992	SSF x Near_LoA	-10,193	0,103	0,280
CHR17	10643354	CHR17:10643354	SSF x Near_LoA	-10,428	0,072	0,262
CHR17	10643451	CHR17:10643451	SSF x Near_LoA	-5,277	0,092	0,286
CHR17	10643467	CHR17:10643467	SSF x Near_LoA	-8,381	-0,029	0,288
CHR17	10643496	CHR17:10643496	SSF x Near_LoA	-6,584	-0,196	0,275
CHR17	10645149	CHR17:10645149	SSF x Near_LoA	-5,881	0,125	0,283
CHR17	10645213	CHR17:10645213	SSF x Near_LoA	-3,574	0,105	0,275
CHR17	10645231	CHR17:10645231	SSF x Near_LoA	-2,512	0,270	0,265
CHR17	10645408	CHR17:10645408	SSF x Near_LoA	-8,476	-0,084	0,279
CHR17	10649377	CHR17:10649377	SSF x Near_LoA	-9,768	-0,063	0,282
CHR17	10649443	CHR17:10649443	SSF x Near_LoA	-5,299	-0,207	0,274
CHR17	10649448	CHR17:10649448	SSF x Near_LoA	-8,777	0,106	0,291
CHR17	10649609	CHR17:10649609	SSF x Near_LoA	-9,987	0,020	0,287
CHR17	10649617	CHR17:10649617	SSF x Near_LoA	-3,946	-0,184	0,281
CHR17	10649635	CHR17:10649635	SSF x Near_LoA	-7,835	-0,020	0,283
CHR17	10649694	CHR17:10649694	SSF x Near_LoA	-9,390	0,103	0,274
CHR17	10649707	CHR17:10649707	SSF x Near_LoA	-7,333	-0,127	0,270
CHR17	10650434	CHR17:10650434	SSF x Near_LoA	-6,161	0,161	0,283
CHR17	10650471	CHR17:10650471	SSF x Near_LoA	-6,306	-0,133	0,283
CHR17	10650505	CHR17:10650505	SSF x Near_LoA	-8,634	-0,113	0,290
CHR17	10650567	CHR17:10650567	SSF x Near_LoA	-7,339	-0,038	0,276
CHR17	10650583	CHR17:10650583	SSF x Near_LoA	-9,036	-0,155	0,283

CHR17	10670427	CHR17:10670427	SSF x Near_LoA	-6,427	0,092	0,286
CHR17	10670440	CHR17:10670440	SSF x Near_LoA	-7,293	-0,038	0,281
CHR17	10670485	CHR17:10670485	SSF x Near_LoA	-8,327	-0,070	0,273
CHR17	10672149	CHR17:10672149	SSF x Near_LoA	-8,643	0,059	0,274
CHR17	10672155	CHR17:10672155	SSF x Near_LoA	-7,134	0,079	0,301
CHR17	10672163	CHR17:10672163	SSF x Near_LoA	-7,590	0,140	0,275
CHR17	10672166	CHR17:10672166	SSF x Near_LoA	-7,007	0,122	0,261
CHR17	10672219	CHR17:10672219	SSF x Near_LoA	-7,420	-0,141	0,299
CHR17	10672259	CHR17:10672259	SSF x Near_LoA	-9,921	0,053	0,296
CHR17	10672318	CHR17:10672318	SSF x Near_LoA	-7,070	0,025	0,298
CHR17	10672337	CHR17:10672337	SSF x Near_LoA	-9,558	-0,100	0,280
CHR17	10672351	CHR17:10672351	SSF x Near_LoA	-8,069	-0,104	0,277
CHR17	10672410	CHR17:10672410	SSF x Near_LoA	-7,719	0,034	0,284
CHR17	10672441	CHR17:10672441	SSF x Near_LoA	-9,839	-0,068	0,302
CHR17	10672452	CHR17:10672452	SSF x Near_LoA	-9,107	0,047	0,272
CHR17	10672457	CHR17:10672457	SSF x Near_LoA	-7,472	0,088	0,294
CHR17	10672471	CHR17:10672471	SSF x Near_LoA	-6,731	0,070	0,292
CHR17	10678195	CHR17:10678195	SSF x Near_LoA	-8,446	0,071	0,293
CHR17	10678272	CHR17:10678272	SSF x Near_LoA	9,134	-0,283	0,256
CHR17	10678324	CHR17:10678324	SSF x Near_LoA	-6,117	0,100	0,278
CHR17	1068103	CHR17:1068103	SSF x Near_LoA	-6,328	0,087	0,275
CHR17	1068113	CHR17:1068113	SSF x Near_LoA	-8,371	-0,053	0,286
CHR17	1068118	CHR17:1068118	SSF x Near_LoA	-9,026	-0,132	0,275
CHR17	10684733	CHR17:10684733	SSF x Near_LoA	-7,892	0,070	0,276
CHR17	10684787	CHR17:10684787	SSF x Near_LoA	-8,697	-0,125	0,285
CHR17	10684948	CHR17:10684948	SSF x Near_LoA	0,281	-0,283	0,262
CHR17	10684957	CHR17:10684957	SSF x Near_LoA	-3,126	-0,167	0,281
CHR17	10685045	CHR17:10685045	SSF x Near_LoA	-8,318	-0,040	0,280
CHR17	10686080	CHR17:10686080	SSF x Near_LoA	-8,050	-0,184	0,269
CHR17	10686137	CHR17:10686137	SSF x Near_LoA	-4,424	0,154	0,278
CHR17	10686222	CHR17:10686222	SSF x Near_LoA	-10,415	-0,011	0,291
CHR17	10691736	CHR17:10691736	SSF x Near_LoA	-6,705	-0,109	0,277
CHR17	10691773	CHR17:10691773	SSF x Near_LoA	-7,570	-0,135	0,281
CHR17	10691814	CHR17:10691814	SSF x Near_LoA	-0,390	0,208	0,276
CHR17	10691817	CHR17:10691817	SSF x Near_LoA	-6,732	-0,150	0,287
CHR17	10691819	CHR17:10691819	SSF x Near_LoA	-8,937	0,121	0,274
CHR17	10697961	CHR17:10697961	SSF x Near_LoA	-9,784	0,049	0,278
CHR17	10697988	CHR17:10697988	SSF x Near_LoA	-4,736	0,067	0,275
CHR17	10698223	CHR17:10698223	SSF x Near_LoA	-7,982	0,058	0,282
CHR17	10704242	CHR17:10704242	SSF x Near_LoA	-5,862	0,192	0,278
CHR17	10704368	CHR17:10704368	SSF x Near_LoA	-9,358	-0,093	0,278
CHR17	10704388	CHR17:10704388	SSF x Near_LoA	-7,491	0,070	0,293
CHR17	10704516	CHR17:10704516	SSF x Near_LoA	-5,307	0,022	0,291
CHR17	10704519	CHR17:10704519	SSF x Near_LoA	-8,279	0,040	0,273
CHR17	10704586	CHR17:10704586	SSF x Near_LoA	-9,009	0,058	0,281
CHR17	10716023	CHR17:10716023	SSF x Near_LoA	-8,802	0,067	0,285
CHR17	10716103	CHR17:10716103	SSF x Near_LoA	-5,080	0,153	0,276
CHR17	10716145	CHR17:10716145	SSF x Near_LoA	-7,293	-0,168	0,291
CHR17	10716150	CHR17:10716150	SSF x Near_LoA	-8,154	0,099	0,298
CHR17	10716157	CHR17:10716157	SSF x Near_LoA	-8,851	0,087	0,283
CHR17	10716163	CHR17:10716163	SSF x Near_LoA	-10,433	-0,080	0,285
CHR17	10716164	CHR17:10716164	SSF x Near_LoA	-9,113	-0,082	0,295
CHR17	10716256	CHR17:10716256	SSF x Near_LoA	-7,414	0,004	0,273

CHR17	10716292	CHR17:10716292	SSF x Near_LoA	-5,875	0,165	0,282
CHR17	10716296	CHR17:10716296	SSF x Near_LoA	-7,097	0,109	0,284
CHR17	10716379	CHR17:10716379	SSF x Near_LoA	-8,163	0,083	0,280
CHR17	10730257	CHR17:10730257	SSF x Near_LoA	-10,155	-0,029	0,298
CHR17	10730330	CHR17:10730330	SSF x Near_LoA	-8,876	-0,053	0,268
CHR17	10730369	CHR17:10730369	SSF x Near_LoA	-5,895	-0,149	0,277
CHR17	10730380	CHR17:10730380	SSF x Near_LoA	-8,613	-0,015	0,283
CHR17	10730510	CHR17:10730510	SSF x Near_LoA	-7,692	-0,116	0,277
CHR17	10730514	CHR17:10730514	SSF x Near_LoA	-9,582	0,042	0,274
CHR17	10730545	CHR17:10730545	SSF x Near_LoA	-7,363	0,002	0,301
CHR17	10736510	CHR17:10736510	SSF x Near_LoA	-7,071	-0,080	0,266
CHR17	10736526	CHR17:10736526	SSF x Near_LoA	-6,696	0,117	0,278
CHR17	10760270	CHR17:10760270	SSF x Near_LoA	-7,046	-0,023	0,293
CHR17	10760349	CHR17:10760349	SSF x Near_LoA	-5,068	-0,118	0,291
CHR17	10760485	CHR17:10760485	SSF x Near_LoA	-8,621	0,045	0,283
CHR17	10760591	CHR17:10760591	SSF x Near_LoA	-7,921	-0,027	0,290
CHR17	10760666	CHR17:10760666	SSF x Near_LoA	-4,759	-0,124	0,276
CHR17	10771732	CHR17:10771732	SSF x Near_LoA	-0,390	0,127	0,271
CHR17	10771875	CHR17:10771875	SSF x Near_LoA	-4,037	0,134	0,282
CHR17	10771952	CHR17:10771952	SSF x Near_LoA	-5,456	0,194	0,277
CHR17	10771975	CHR17:10771975	SSF x Near_LoA	-5,563	0,141	0,284
CHR17	10771995	CHR17:10771995	SSF x Near_LoA	-4,619	0,040	0,287
CHR17	10772032	CHR17:10772032	SSF x Near_LoA	-8,410	0,029	0,265
CHR17	10772046	CHR17:10772046	SSF x Near_LoA	-5,699	-0,172	0,277
CHR17	10772054	CHR17:10772054	SSF x Near_LoA	-7,226	0,091	0,275
CHR17	10772146	CHR17:10772146	SSF x Near_LoA	-8,875	-0,060	0,268
CHR17	10780422	CHR17:10780422	SSF x Near_LoA	-7,452	-0,092	0,290
CHR17	10780452	CHR17:10780452	SSF x Near_LoA	-8,590	-0,074	0,286
CHR17	10780642	CHR17:10780642	SSF x Near_LoA	-8,842	0,022	0,286
CHR17	10783545	CHR17:10783545	SSF x Near_LoA	-8,706	0,029	0,274
CHR17	10783613	CHR17:10783613	SSF x Near_LoA	-8,854	0,051	0,287
CHR17	10783647	CHR17:10783647	SSF x Near_LoA	-10,162	0,035	0,279
CHR17	10783685	CHR17:10783685	SSF x Near_LoA	-8,094	0,040	0,286
CHR17	10783688	CHR17:10783688	SSF x Near_LoA	-7,816	0,162	0,292
CHR17	10783711	CHR17:10783711	SSF x Near_LoA	-8,574	-0,017	0,294
CHR17	10783720	CHR17:10783720	SSF x Near_LoA	-6,022	0,051	0,291
CHR17	10788911	CHR17:10788911	SSF x Near_LoA	-9,640	0,100	0,284
CHR17	10790395	CHR17:10790395	SSF x Near_LoA	-7,079	0,096	0,287
CHR17	10790614	CHR17:10790614	SSF x Near_LoA	-7,789	0,113	0,291
CHR17	10790633	CHR17:10790633	SSF x Near_LoA	-8,345	0,101	0,285
CHR17	10790666	CHR17:10790666	SSF x Near_LoA	-7,869	0,060	0,282
CHR17	10790676	CHR17:10790676	SSF x Near_LoA	-8,099	-0,031	0,286
CHR17	10792769	CHR17:10792769	SSF x Near_LoA	-4,549	-0,100	0,296
CHR17	108362	CHR17:108362	SSF x Near_LoA	-7,281	0,053	0,285
CHR17	10868266	CHR17:10868266	SSF x Near_LoA	-8,733	-0,165	0,278
CHR17	10868281	CHR17:10868281	SSF x Near_LoA	-6,249	-0,201	0,270
CHR17	10868536	CHR17:10868536	SSF x Near_LoA	-8,531	-0,027	0,282
CHR17	10875615	CHR17:10875615	SSF x Near_LoA	-2,876	-0,110	0,294
CHR17	10875658	CHR17:10875658	SSF x Near_LoA	-8,175	0,030	0,290
CHR17	10875773	CHR17:10875773	SSF x Near_LoA	-4,366	0,133	0,264
CHR17	10875842	CHR17:10875842	SSF x Near_LoA	-7,687	-0,080	0,282
CHR17	10878237	CHR17:10878237	SSF x Near_LoA	-4,574	0,174	0,276
CHR17	10878250	CHR17:10878250	SSF x Near_LoA	-8,160	0,086	0,280

CHR17	10878256	CHR17:10878256	SSF x Near_LoA	-9,414	0,018	0,275
CHR17	10887806	CHR17:10887806	SSF x Near_LoA	-2,677	-0,143	0,272
CHR17	10892509	CHR17:10892509	SSF x Near_LoA	-8,764	-0,047	0,291
CHR17	10892521	CHR17:10892521	SSF x Near_LoA	-3,995	-0,156	0,292
CHR17	10892543	CHR17:10892543	SSF x Near_LoA	-7,319	-0,044	0,301
CHR17	10897278	CHR17:10897278	SSF x Near_LoA	-6,919	0,082	0,289
CHR17	10897350	CHR17:10897350	SSF x Near_LoA	-8,663	0,135	0,281
CHR17	10897419	CHR17:10897419	SSF x Near_LoA	-10,238	0,000	0,286
CHR17	10897507	CHR17:10897507	SSF x Near_LoA	-6,231	0,177	0,264
CHR17	10904179	CHR17:10904179	SSF x Near_LoA	-7,392	0,009	0,280
CHR17	10919065	CHR17:10919065	SSF x Near_LoA	-8,265	0,011	0,285
CHR17	10929065	CHR17:10929065	SSF x Near_LoA	-10,122	-0,061	0,276
CHR17	10929140	CHR17:10929140	SSF x Near_LoA	-8,503	-0,007	0,280
CHR17	10929186	CHR17:10929186	SSF x Near_LoA	-4,498	0,212	0,274
CHR17	10937677	CHR17:10937677	SSF x Near_LoA	-5,996	-0,014	0,283
CHR17	10937689	CHR17:10937689	SSF x Near_LoA	-6,985	-0,078	0,289
CHR17	10937716	CHR17:10937716	SSF x Near_LoA	-7,664	-0,086	0,290
CHR17	10937839	CHR17:10937839	SSF x Near_LoA	-4,844	-0,162	0,266
CHR17	10937927	CHR17:10937927	SSF x Near_LoA	-5,329	0,206	0,267
CHR17	10949831	CHR17:10949831	SSF x Near_LoA	-5,705	-0,124	0,286
CHR17	10950812	CHR17:10950812	SSF x Near_LoA	-7,794	-0,139	0,284
CHR17	10950852	CHR17:10950852	SSF x Near_LoA	-7,776	-0,146	0,289
CHR17	10950939	CHR17:10950939	SSF x Near_LoA	-7,488	0,100	0,289
CHR17	10965498	CHR17:10965498	SSF x Near_LoA	-8,081	-0,151	0,272
CHR17	10965500	CHR17:10965500	SSF x Near_LoA	-8,384	-0,031	0,276
CHR17	10965601	CHR17:10965601	SSF x Near_LoA	-6,798	0,112	0,281
CHR17	10965828	CHR17:10965828	SSF x Near_LoA	-7,490	0,052	0,299
CHR17	10966721	CHR17:10966721	SSF x Near_LoA	-6,665	-0,033	0,283
CHR17	10966869	CHR17:10966869	SSF x Near_LoA	-8,442	-0,168	0,277
CHR17	10966909	CHR17:10966909	SSF x Near_LoA	-8,072	-0,048	0,271
CHR17	10966916	CHR17:10966916	SSF x Near_LoA	-7,787	-0,009	0,289
CHR17	10966949	CHR17:10966949	SSF x Near_LoA	-6,702	-0,108	0,281
CHR17	10967003	CHR17:10967003	SSF x Near_LoA	-4,957	0,109	0,284
CHR17	10967020	CHR17:10967020	SSF x Near_LoA	-5,525	-0,076	0,257
CHR17	1098142	CHR17:1098142	SSF x Near_LoA	-6,923	0,002	0,303
CHR17	1098156	CHR17:1098156	SSF x Near_LoA	-7,060	-0,006	0,309
CHR17	1098160	CHR17:1098160	SSF x Near_LoA	-2,675	-0,015	0,302
CHR17	10990864	CHR17:10990864	SSF x Near_LoA	-8,619	-0,018	0,301
CHR17	10990881	CHR17:10990881	SSF x Near_LoA	-8,241	0,007	0,283
CHR17	10990900	CHR17:10990900	SSF x Near_LoA	-6,551	0,009	0,311
CHR17	10990929	CHR17:10990929	SSF x Near_LoA	-9,533	0,033	0,288
CHR17	10990999	CHR17:10990999	SSF x Near_LoA	-8,138	0,046	0,282
CHR17	10999411	CHR17:10999411	SSF x Near_LoA	-10,420	0,059	0,274
CHR17	10999610	CHR17:10999610	SSF x Near_LoA	-10,557	0,055	0,298
CHR17	11002631	CHR17:11002631	SSF x Near_LoA	-7,695	-0,004	0,267
CHR17	11002681	CHR17:11002681	SSF x Near_LoA	-8,178	0,020	0,281
CHR17	11002706	CHR17:11002706	SSF x Near_LoA	-6,994	-0,160	0,274
CHR17	11006175	CHR17:11006175	SSF x Near_LoA	-4,823	0,167	0,270
CHR17	11006185	CHR17:11006185	SSF x Near_LoA	2,099	0,234	0,293
CHR17	11006207	CHR17:11006207	SSF x Near_LoA	-5,185	0,203	0,283
CHR17	11006375	CHR17:11006375	SSF x Near_LoA	-3,979	0,224	0,271
CHR17	11006449	CHR17:11006449	SSF x Near_LoA	-8,180	0,110	0,289
CHR17	11006512	CHR17:11006512	SSF x Near_LoA	-2,839	0,136	0,283

CHR17	11050437	CHR17:11050437	SSF x Near_LoA	-7,691	0,009	0,300
CHR17	11050484	CHR17:11050484	SSF x Near_LoA	-8,526	-0,026	0,298
CHR17	11050496	CHR17:11050496	SSF x Near_LoA	-8,508	-0,021	0,278
CHR17	11056837	CHR17:11056837	SSF x Near_LoA	-4,317	0,163	0,284
CHR17	11056876	CHR17:11056876	SSF x Near_LoA	-4,340	0,132	0,287
CHR17	11057013	CHR17:11057013	SSF x Near_LoA	-1,576	-0,236	0,261
CHR17	11061040	CHR17:11061040	SSF x Near_LoA	-5,032	-0,063	0,287
CHR17	11061073	CHR17:11061073	SSF x Near_LoA	-10,210	0,038	0,286
CHR17	11065388	CHR17:11065388	SSF x Near_LoA	-7,946	0,020	0,294
CHR17	11065389	CHR17:11065389	SSF x Near_LoA	-8,617	-0,009	0,282
CHR17	11065539	CHR17:11065539	SSF x Near_LoA	-6,974	-0,115	0,279
CHR17	11065545	CHR17:11065545	SSF x Near_LoA	-8,204	0,090	0,277
CHR17	11065554	CHR17:11065554	SSF x Near_LoA	-7,603	-0,095	0,278
CHR17	11083670	CHR17:11083670	SSF x Near_LoA	-9,465	0,001	0,283
CHR17	11106225	CHR17:11106225	SSF x Near_LoA	-9,656	-0,079	0,287
CHR17	11192198	CHR17:11192198	SSF x Near_LoA	-5,484	0,124	0,288
CHR17	11199468	CHR17:11199468	SSF x Near_LoA	-7,706	0,037	0,291
CHR17	11257923	CHR17:11257923	SSF x Near_LoA	-8,015	0,036	0,279
CHR17	11258047	CHR17:11258047	SSF x Near_LoA	-8,895	0,099	0,283
CHR17	11258352	CHR17:11258352	SSF x Near_LoA	-7,956	0,120	0,284
CHR17	11266805	CHR17:11266805	SSF x Near_LoA	-8,828	0,071	0,281
CHR17	11266861	CHR17:11266861	SSF x Near_LoA	-10,417	-0,013	0,291
CHR17	11266974	CHR17:11266974	SSF x Near_LoA	-4,600	-0,115	0,299
CHR17	11266981	CHR17:11266981	SSF x Near_LoA	-4,342	0,195	0,278
CHR17	11270744	CHR17:11270744	SSF x Near_LoA	-7,962	0,050	0,272
CHR17	11280620	CHR17:11280620	SSF x Near_LoA	-8,764	0,002	0,294
CHR17	11280910	CHR17:11280910	SSF x Near_LoA	-8,144	0,129	0,266
CHR17	11288392	CHR17:11288392	SSF x Near_LoA	-4,261	-0,198	0,283
CHR17	11288448	CHR17:11288448	SSF x Near_LoA	-6,211	-0,155	0,287
CHR17	11294043	CHR17:11294043	SSF x Near_LoA	-5,777	0,167	0,281
CHR17	11294150	CHR17:11294150	SSF x Near_LoA	-8,707	0,135	0,289
CHR17	11294184	CHR17:11294184	SSF x Near_LoA	-7,588	0,112	0,296
CHR17	11296505	CHR17:11296505	SSF x Near_LoA	-9,310	-0,056	0,275
CHR17	11296536	CHR17:11296536	SSF x Near_LoA	-6,791	-0,031	0,279
CHR17	11299472	CHR17:11299472	SSF x Near_LoA	-8,464	0,047	0,279
CHR17	11302527	CHR17:11302527	SSF x Near_LoA	-4,576	0,147	0,281
CHR17	11302658	CHR17:11302658	SSF x Near_LoA	-9,483	0,085	0,300
CHR17	11378533	CHR17:11378533	SSF x Near_LoA	-9,643	-0,093	0,298
CHR17	11495432	CHR17:11495432	SSF x Near_LoA	-7,621	0,025	0,299
CHR17	11496363	CHR17:11496363	SSF x Near_LoA	-8,315	0,069	0,296
CHR17	139522	CHR17:139522	SSF x Near_LoA	-6,586	-0,124	0,281
CHR17	139527	CHR17:139527	SSF x Near_LoA	-5,898	0,105	0,285
CHR17	142963	CHR17:142963	SSF x Near_LoA	-5,340	-0,141	0,289
CHR17	143034	CHR17:143034	SSF x Near_LoA	-8,877	0,014	0,290
CHR17	145443	CHR17:145443	SSF x Near_LoA	-7,715	0,127	0,278
CHR17	145575	CHR17:145575	SSF x Near_LoA	-0,604	-0,174	0,294
CHR17	171724	CHR17:171724	SSF x Near_LoA	-7,380	-0,115	0,277
CHR17	176793	CHR17:176793	SSF x Near_LoA	-6,444	0,089	0,278
CHR17	176818	CHR17:176818	SSF x Near_LoA	-7,595	-0,188	0,276
CHR17	176852	CHR17:176852	SSF x Near_LoA	-6,857	-0,180	0,274
CHR17	176859	CHR17:176859	SSF x Near_LoA	-8,911	0,011	0,281
CHR17	184439	CHR17:184439	SSF x Near_LoA	-3,152	-0,171	0,279
CHR17	1912719	CHR17:1912719	SSF x Near_LoA	-6,985	0,049	0,296

CHR17	2084191	CHR17:2084191	SSF x Near_LoA	-6,875	0,067	0,285
CHR17	211673	CHR17:211673	SSF x Near_LoA	-7,504	0,047	0,300
CHR17	215963	CHR17:215963	SSF x Near_LoA	-7,433	-0,078	0,284
CHR17	216173	CHR17:216173	SSF x Near_LoA	-7,562	0,017	0,285
CHR17	2291409	CHR17:2291409	SSF x Near_LoA	-9,527	0,018	0,296
CHR17	2319881	CHR17:2319881	SSF x Near_LoA	-8,941	0,041	0,288
CHR17	2376508	CHR17:2376508	SSF x Near_LoA	-7,849	0,019	0,297
CHR17	245034	CHR17:245034	SSF x Near_LoA	-7,472	0,046	0,282
CHR17	245065	CHR17:245065	SSF x Near_LoA	-4,790	-0,156	0,265
CHR17	245097	CHR17:245097	SSF x Near_LoA	-7,917	0,045	0,266
CHR17	245104	CHR17:245104	SSF x Near_LoA	-7,376	0,037	0,269
CHR17	245120	CHR17:245120	SSF x Near_LoA	-5,378	0,138	0,256
CHR17	245128	CHR17:245128	SSF x Near_LoA	-9,003	0,144	0,279
CHR17	259729	CHR17:259729	SSF x Near_LoA	-7,152	0,107	0,282
CHR17	259733	CHR17:259733	SSF x Near_LoA	-9,840	0,073	0,289
CHR17	2631312	CHR17:2631312	SSF x Near_LoA	-6,998	-0,005	0,300
CHR17	2631437	CHR17:2631437	SSF x Near_LoA	-8,217	-0,004	0,297
CHR17	264039	CHR17:264039	SSF x Near_LoA	-8,318	-0,126	0,289
CHR17	264169	CHR17:264169	SSF x Near_LoA	-6,942	0,107	0,281
CHR17	264189	CHR17:264189	SSF x Near_LoA	-10,026	0,024	0,291
CHR17	272024	CHR17:272024	SSF x Near_LoA	-9,688	-0,045	0,273
CHR17	272033	CHR17:272033	SSF x Near_LoA	-9,081	0,090	0,293
CHR17	278924	CHR17:278924	SSF x Near_LoA	-6,906	0,077	0,250
CHR17	2905986	CHR17:2905986	SSF x Near_LoA	-7,035	-0,155	0,279
CHR17	3094221	CHR17:3094221	SSF x Near_LoA	-9,232	0,071	0,286
CHR17	3154472	CHR17:3154472	SSF x Near_LoA	-8,214	0,092	0,283
CHR17	322893	CHR17:322893	SSF x Near_LoA	-9,212	0,009	0,286
CHR17	3272510	CHR17:3272510	SSF x Near_LoA	-9,084	0,029	0,289
CHR17	3355145	CHR17:3355145	SSF x Near_LoA	-7,951	0,041	0,284
CHR17	3356223	CHR17:3356223	SSF x Near_LoA	-6,940	-0,072	0,293
CHR17	3356252	CHR17:3356252	SSF x Near_LoA	-5,984	-0,060	0,311
CHR17	3404778	CHR17:3404778	SSF x Near_LoA	-7,794	-0,096	0,277
CHR17	3409958	CHR17:3409958	SSF x Near_LoA	-10,380	0,076	0,274
CHR17	343364	CHR17:343364	SSF x Near_LoA	-9,053	0,101	0,282
CHR17	343431	CHR17:343431	SSF x Near_LoA	-7,837	-0,021	0,293
CHR17	343671	CHR17:343671	SSF x Near_LoA	-10,439	0,006	0,281
CHR17	348600	CHR17:348600	SSF x Near_LoA	-5,266	0,140	0,270
CHR17	348603	CHR17:348603	SSF x Near_LoA	-10,139	-0,040	0,285
CHR17	348702	CHR17:348702	SSF x Near_LoA	-8,140	-0,081	0,292
CHR17	3535942	CHR17:3535942	SSF x Near_LoA	-4,536	0,132	0,276
CHR17	3536050	CHR17:3536050	SSF x Near_LoA	-7,947	0,090	0,290
CHR17	3536115	CHR17:3536115	SSF x Near_LoA	-9,379	0,050	0,293
CHR17	3536123	CHR17:3536123	SSF x Near_LoA	-5,923	0,158	0,296
CHR17	3536134	CHR17:3536134	SSF x Near_LoA	-6,113	0,098	0,281
CHR17	3613714	CHR17:3613714	SSF x Near_LoA	-2,065	0,131	0,272
CHR17	3774683	CHR17:3774683	SSF x Near_LoA	-6,769	0,186	0,270
CHR17	3774731	CHR17:3774731	SSF x Near_LoA	1,474	0,188	0,276
CHR17	3966869	CHR17:3966869	SSF x Near_LoA	-7,902	0,066	0,270
CHR17	4074954	CHR17:4074954	SSF x Near_LoA	-5,616	0,223	0,278
CHR17	4088562	CHR17:4088562	SSF x Near_LoA	-2,965	0,120	0,274
CHR17	414597	CHR17:414597	SSF x Near_LoA	-9,690	-0,043	0,284
CHR17	424684	CHR17:424684	SSF x Near_LoA	-7,564	0,076	0,284
CHR17	424751	CHR17:424751	SSF x Near_LoA	-4,946	-0,048	0,295

CHR17	424755	CHR17:424755	SSF x Near_LoA	-4,979	-0,160	0,295
CHR17	424782	CHR17:424782	SSF x Near_LoA	-8,984	0,066	0,282
CHR17	429394	CHR17:429394	SSF x Near_LoA	-5,670	0,153	0,280
CHR17	429395	CHR17:429395	SSF x Near_LoA	-4,312	0,172	0,286
CHR17	429426	CHR17:429426	SSF x Near_LoA	-6,616	-0,149	0,282
CHR17	429475	CHR17:429475	SSF x Near_LoA	-5,397	0,070	0,287
CHR17	429499	CHR17:429499	SSF x Near_LoA	-9,431	0,025	0,280
CHR17	4298601	CHR17:4298601	SSF x Near_LoA	-10,157	-0,064	0,282
CHR17	431518	CHR17:431518	SSF x Near_LoA	-8,442	0,058	0,286
CHR17	431582	CHR17:431582	SSF x Near_LoA	-6,050	0,127	0,280
CHR17	431584	CHR17:431584	SSF x Near_LoA	-8,540	0,125	0,291
CHR17	431625	CHR17:431625	SSF x Near_LoA	-3,445	-0,036	0,285
CHR17	431726	CHR17:431726	SSF x Near_LoA	-7,940	0,161	0,266
CHR17	431757	CHR17:431757	SSF x Near_LoA	4,992	-0,190	0,278
CHR17	431766	CHR17:431766	SSF x Near_LoA	0,404	-0,136	0,290
CHR17	435824	CHR17:435824	SSF x Near_LoA	-9,229	-0,130	0,267
CHR17	435881	CHR17:435881	SSF x Near_LoA	-9,870	-0,041	0,267
CHR17	439471	CHR17:439471	SSF x Near_LoA	-7,126	-0,132	0,280
CHR17	439550	CHR17:439550	SSF x Near_LoA	-6,536	-0,248	0,265
CHR17	441528	CHR17:441528	SSF x Near_LoA	0,829	-0,272	0,280
CHR17	441691	CHR17:441691	SSF x Near_LoA	-7,047	-0,166	0,279
CHR17	461301	CHR17:461301	SSF x Near_LoA	-6,721	-0,072	0,283
CHR17	461418	CHR17:461418	SSF x Near_LoA	-10,359	0,007	0,291
CHR17	490420	CHR17:490420	SSF x Near_LoA	-8,919	0,114	0,290
CHR17	490521	CHR17:490521	SSF x Near_LoA	-7,112	-0,053	0,269
CHR17	497022	CHR17:497022	SSF x Near_LoA	-8,378	0,060	0,290
CHR17	497069	CHR17:497069	SSF x Near_LoA	-7,818	-0,055	0,282
CHR17	507486	CHR17:507486	SSF x Near_LoA	-7,703	0,140	0,283
CHR17	507617	CHR17:507617	SSF x Near_LoA	-9,036	0,049	0,293
CHR17	507649	CHR17:507649	SSF x Near_LoA	-9,906	-0,081	0,293
CHR17	507706	CHR17:507706	SSF x Near_LoA	-10,012	0,031	0,291
CHR17	507714	CHR17:507714	SSF x Near_LoA	-7,293	-0,149	0,275
CHR17	507725	CHR17:507725	SSF x Near_LoA	-8,227	-0,121	0,276
CHR17	516135	CHR17:516135	SSF x Near_LoA	-4,506	-0,215	0,277
CHR17	522530	CHR17:522530	SSF x Near_LoA	-7,608	-0,049	0,294
CHR17	522649	CHR17:522649	SSF x Near_LoA	-10,957	-0,021	0,296
CHR17	524752	CHR17:524752	SSF x Near_LoA	-8,680	-0,085	0,296
CHR17	524940	CHR17:524940	SSF x Near_LoA	-9,375	0,004	0,283
CHR17	528586	CHR17:528586	SSF x Near_LoA	-7,831	0,015	0,298
CHR17	528682	CHR17:528682	SSF x Near_LoA	-8,886	-0,021	0,280
CHR17	534758	CHR17:534758	SSF x Near_LoA	-7,850	-0,154	0,287
CHR17	534782	CHR17:534782	SSF x Near_LoA	-3,043	-0,238	0,275
CHR17	534785	CHR17:534785	SSF x Near_LoA	-6,958	0,130	0,289
CHR17	534900	CHR17:534900	SSF x Near_LoA	-10,079	0,026	0,291
CHR17	534953	CHR17:534953	SSF x Near_LoA	-7,848	-0,124	0,292
CHR17	534957	CHR17:534957	SSF x Near_LoA	-6,385	-0,010	0,292
CHR17	542527	CHR17:542527	SSF x Near_LoA	-6,661	0,030	0,295
CHR17	542608	CHR17:542608	SSF x Near_LoA	-9,151	0,000	0,285
CHR17	542674	CHR17:542674	SSF x Near_LoA	-6,083	0,051	0,292
CHR17	542682	CHR17:542682	SSF x Near_LoA	-10,156	-0,053	0,288
CHR17	542688	CHR17:542688	SSF x Near_LoA	-7,142	-0,024	0,297
CHR17	542691	CHR17:542691	SSF x Near_LoA	-8,996	0,109	0,279
CHR17	542692	CHR17:542692	SSF x Near_LoA	-7,157	-0,136	0,297

CHR17	542756	CHR17:542756	SSF x Near_LoA	-7,219	0,071	0,284
CHR17	542781	CHR17:542781	SSF x Near_LoA	-7,703	-0,002	0,289
CHR17	542791	CHR17:542791	SSF x Near_LoA	-5,835	0,080	0,280
CHR17	552157	CHR17:552157	SSF x Near_LoA	-8,746	0,092	0,285
CHR17	552384	CHR17:552384	SSF x Near_LoA	-2,966	-0,019	0,274
CHR17	55419	CHR17:55419	SSF x Near_LoA	-8,385	0,000	0,290
CHR17	55510	CHR17:55510	SSF x Near_LoA	-7,015	0,114	0,285
CHR17	55517	CHR17:55517	SSF x Near_LoA	-6,425	0,120	0,279
CHR17	55601	CHR17:55601	SSF x Near_LoA	-2,521	0,199	0,274
CHR17	55662	CHR17:55662	SSF x Near_LoA	-6,715	0,055	0,291
CHR17	55831	CHR17:55831	SSF x Near_LoA	-11,373	-0,019	0,271
CHR17	560281	CHR17:560281	SSF x Near_LoA	-6,611	-0,038	0,295
CHR17	560289	CHR17:560289	SSF x Near_LoA	-5,940	-0,158	0,275
CHR17	561009	CHR17:561009	SSF x Near_LoA	6,495	0,313	0,260
CHR17	561042	CHR17:561042	SSF x Near_LoA	-0,808	-0,235	0,286
CHR17	561055	CHR17:561055	SSF x Near_LoA	-6,716	-0,193	0,274
CHR17	561057	CHR17:561057	SSF x Near_LoA	-6,523	-0,206	0,283
CHR17	561074	CHR17:561074	SSF x Near_LoA	-1,758	-0,270	0,266
CHR17	567838	CHR17:567838	SSF x Near_LoA	-7,815	-0,113	0,292
CHR17	567950	CHR17:567950	SSF x Near_LoA	-9,095	0,026	0,297
CHR17	567968	CHR17:567968	SSF x Near_LoA	-6,158	-0,148	0,295
CHR17	567984	CHR17:567984	SSF x Near_LoA	-9,210	-0,039	0,290
CHR17	571471	CHR17:571471	SSF x Near_LoA	-8,875	0,081	0,283
CHR17	571501	CHR17:571501	SSF x Near_LoA	-7,494	0,147	0,277
CHR17	571664	CHR17:571664	SSF x Near_LoA	-7,337	0,015	0,298
CHR17	571665	CHR17:571665	SSF x Near_LoA	-10,252	0,011	0,291
CHR17	590544	CHR17:590544	SSF x Near_LoA	-9,101	0,183	0,263
CHR17	590558	CHR17:590558	SSF x Near_LoA	-7,657	0,039	0,295
CHR17	590609	CHR17:590609	SSF x Near_LoA	-8,562	0,016	0,295
CHR17	590665	CHR17:590665	SSF x Near_LoA	-6,620	-0,028	0,289
CHR17	590696	CHR17:590696	SSF x Near_LoA	-9,354	-0,024	0,290
CHR17	590697	CHR17:590697	SSF x Near_LoA	-9,871	0,045	0,289
CHR17	590706	CHR17:590706	SSF x Near_LoA	-7,732	0,026	0,283
CHR17	590718	CHR17:590718	SSF x Near_LoA	-4,279	-0,007	0,285
CHR17	590729	CHR17:590729	SSF x Near_LoA	-6,897	0,045	0,301
CHR17	5994620	CHR17:5994620	SSF x Near_LoA	-9,870	-0,049	0,278
CHR17	6003486	CHR17:6003486	SSF x Near_LoA	-5,047	0,130	0,275
CHR17	6003494	CHR17:6003494	SSF x Near_LoA	-8,241	-0,031	0,278
CHR17	6003582	CHR17:6003582	SSF x Near_LoA	-8,495	-0,084	0,277
CHR17	6026258	CHR17:6026258	SSF x Near_LoA	-6,084	-0,034	0,314
CHR17	6067071	CHR17:6067071	SSF x Near_LoA	-7,912	-0,129	0,283
CHR17	6067097	CHR17:6067097	SSF x Near_LoA	-6,683	-0,031	0,286
CHR17	6102628	CHR17:6102628	SSF x Near_LoA	-9,798	-0,019	0,276
CHR17	6102769	CHR17:6102769	SSF x Near_LoA	-9,084	0,075	0,298
CHR17	6102771	CHR17:6102771	SSF x Near_LoA	-7,042	0,104	0,292
CHR17	6102776	CHR17:6102776	SSF x Near_LoA	-9,713	0,029	0,296
CHR17	6102783	CHR17:6102783	SSF x Near_LoA	-9,711	0,098	0,287
CHR17	6102794	CHR17:6102794	SSF x Near_LoA	-8,157	0,089	0,275
CHR17	6102808	CHR17:6102808	SSF x Near_LoA	-8,760	0,086	0,287
CHR17	6102817	CHR17:6102817	SSF x Near_LoA	-8,601	0,117	0,282
CHR17	6102857	CHR17:6102857	SSF x Near_LoA	-7,824	0,093	0,272
CHR17	6146692	CHR17:6146692	SSF x Near_LoA	-6,689	0,171	0,289
CHR17	6218997	CHR17:6218997	SSF x Near_LoA	-7,662	-0,019	0,302

CHR17	623909	CHR17:623909	SSF x Near_LoA	-4,102	0,240	0,264
CHR17	623939	CHR17:623939	SSF x Near_LoA	-9,238	-0,134	0,282
CHR17	624010	CHR17:624010	SSF x Near_LoA	-5,148	-0,185	0,260
CHR17	624039	CHR17:624039	SSF x Near_LoA	-2,955	0,227	0,266
CHR17	624813	CHR17:624813	SSF x Near_LoA	-7,826	-0,098	0,275
CHR17	624907	CHR17:624907	SSF x Near_LoA	-5,918	0,105	0,285
CHR17	624979	CHR17:624979	SSF x Near_LoA	-5,536	-0,090	0,266
CHR17	625031	CHR17:625031	SSF x Near_LoA	-6,923	0,104	0,281
CHR17	6251690	CHR17:6251690	SSF x Near_LoA	-6,941	0,043	0,292
CHR17	6251691	CHR17:6251691	SSF x Near_LoA	-7,128	0,047	0,293
CHR17	6251770	CHR17:6251770	SSF x Near_LoA	-7,967	0,043	0,291
CHR17	6251820	CHR17:6251820	SSF x Near_LoA	-10,072	0,070	0,287
CHR17	6251859	CHR17:6251859	SSF x Near_LoA	-7,980	0,004	0,301
CHR17	6287416	CHR17:6287416	SSF x Near_LoA	-7,658	0,006	0,293
CHR17	6287418	CHR17:6287418	SSF x Near_LoA	-7,988	0,006	0,286
CHR17	6287427	CHR17:6287427	SSF x Near_LoA	-7,063	0,026	0,311
CHR17	6287434	CHR17:6287434	SSF x Near_LoA	-7,333	-0,011	0,297
CHR17	6287443	CHR17:6287443	SSF x Near_LoA	-6,142	0,019	0,299
CHR17	6287446	CHR17:6287446	SSF x Near_LoA	-7,599	-0,015	0,294
CHR17	6287451	CHR17:6287451	SSF x Near_LoA	-8,077	0,000	0,293
CHR17	6287471	CHR17:6287471	SSF x Near_LoA	-7,485	-0,017	0,300
CHR17	6287490	CHR17:6287490	SSF x Near_LoA	-7,915	0,003	0,303
CHR17	6287493	CHR17:6287493	SSF x Near_LoA	-7,770	0,023	0,296
CHR17	6287506	CHR17:6287506	SSF x Near_LoA	-7,582	0,002	0,296
CHR17	6287509	CHR17:6287509	SSF x Near_LoA	-7,777	-0,007	0,305
CHR17	6287520	CHR17:6287520	SSF x Near_LoA	-4,651	-0,004	0,311
CHR17	6287528	CHR17:6287528	SSF x Near_LoA	-7,872	0,029	0,298
CHR17	632278	CHR17:632278	SSF x Near_LoA	-6,975	0,059	0,297
CHR17	632378	CHR17:632378	SSF x Near_LoA	-6,566	-0,067	0,280
CHR17	632948	CHR17:632948	SSF x Near_LoA	-2,393	0,128	0,288
CHR17	632949	CHR17:632949	SSF x Near_LoA	-7,606	0,071	0,291
CHR17	632968	CHR17:632968	SSF x Near_LoA	-6,315	-0,049	0,297
CHR17	6332462	CHR17:6332462	SSF x Near_LoA	-9,657	-0,046	0,292
CHR17	634241	CHR17:634241	SSF x Near_LoA	-6,717	-0,081	0,290
CHR17	6358482	CHR17:6358482	SSF x Near_LoA	-7,648	0,035	0,281
CHR17	6369174	CHR17:6369174	SSF x Near_LoA	-7,562	0,068	0,296
CHR17	638584	CHR17:638584	SSF x Near_LoA	-7,060	-0,037	0,299
CHR17	638590	CHR17:638590	SSF x Near_LoA	-8,267	-0,041	0,267
CHR17	638612	CHR17:638612	SSF x Near_LoA	-7,912	0,090	0,283
CHR17	638621	CHR17:638621	SSF x Near_LoA	-7,801	0,040	0,282
CHR17	638623	CHR17:638623	SSF x Near_LoA	-7,727	0,029	0,290
CHR17	638665	CHR17:638665	SSF x Near_LoA	-9,746	-0,004	0,292
CHR17	6402285	CHR17:6402285	SSF x Near_LoA	-9,012	-0,097	0,274
CHR17	6402382	CHR17:6402382	SSF x Near_LoA	-6,418	-0,022	0,280
CHR17	6403061	CHR17:6403061	SSF x Near_LoA	-10,455	0,003	0,289
CHR17	6403070	CHR17:6403070	SSF x Near_LoA	-5,283	0,186	0,279
CHR17	6409936	CHR17:6409936	SSF x Near_LoA	-8,223	-0,165	0,286
CHR17	644589	CHR17:644589	SSF x Near_LoA	-7,104	0,140	0,269
CHR17	644685	CHR17:644685	SSF x Near_LoA	-9,749	-0,126	0,281
CHR17	6447000	CHR17:6447000	SSF x Near_LoA	-9,895	0,026	0,292
CHR17	6514855	CHR17:6514855	SSF x Near_LoA	-7,140	-0,038	0,309
CHR17	6514917	CHR17:6514917	SSF x Near_LoA	-6,982	-0,015	0,294
CHR17	6542857	CHR17:6542857	SSF x Near_LoA	-10,429	0,002	0,273

CHR17	6543066	CHR17:6543066	SSF x Near_LoA	-3,944	0,113	0,291
CHR17	6552337	CHR17:6552337	SSF x Near_LoA	-8,862	0,091	0,290
CHR17	6564395	CHR17:6564395	SSF x Near_LoA	-9,723	0,031	0,294
CHR17	6564422	CHR17:6564422	SSF x Near_LoA	-6,781	-0,063	0,280
CHR17	6571413	CHR17:6571413	SSF x Near_LoA	-7,937	-0,064	0,284
CHR17	6571467	CHR17:6571467	SSF x Near_LoA	-8,281	-0,093	0,265
CHR17	6579612	CHR17:6579612	SSF x Near_LoA	-6,128	0,153	0,280
CHR17	6596652	CHR17:6596652	SSF x Near_LoA	-4,152	0,227	0,268
CHR17	6596670	CHR17:6596670	SSF x Near_LoA	-6,528	-0,113	0,281
CHR17	6596936	CHR17:6596936	SSF x Near_LoA	-6,223	0,156	0,279
CHR17	6607747	CHR17:6607747	SSF x Near_LoA	-8,218	-0,031	0,294
CHR17	6620619	CHR17:6620619	SSF x Near_LoA	-8,432	-0,015	0,277
CHR17	6620696	CHR17:6620696	SSF x Near_LoA	-9,596	0,083	0,282
CHR17	6623435	CHR17:6623435	SSF x Near_LoA	-7,889	0,058	0,286
CHR17	6631957	CHR17:6631957	SSF x Near_LoA	-0,614	-0,163	0,273
CHR17	6632007	CHR17:6632007	SSF x Near_LoA	-9,196	0,072	0,274
CHR17	6632025	CHR17:6632025	SSF x Near_LoA	-7,650	-0,153	0,282
CHR17	6632055	CHR17:6632055	SSF x Near_LoA	-10,569	0,095	0,275
CHR17	6660390	CHR17:6660390	SSF x Near_LoA	-7,145	-0,096	0,292
CHR17	6660402	CHR17:6660402	SSF x Near_LoA	-7,804	-0,044	0,288
CHR17	6660505	CHR17:6660505	SSF x Near_LoA	-5,279	-0,092	0,285
CHR17	6664416	CHR17:6664416	SSF x Near_LoA	-4,728	-0,113	0,299
CHR17	6664714	CHR17:6664714	SSF x Near_LoA	-9,629	-0,034	0,293
CHR17	6671635	CHR17:6671635	SSF x Near_LoA	-9,507	-0,089	0,283
CHR17	6671646	CHR17:6671646	SSF x Near_LoA	-10,335	-0,070	0,294
CHR17	6671674	CHR17:6671674	SSF x Near_LoA	-10,403	-0,096	0,283
CHR17	6671787	CHR17:6671787	SSF x Near_LoA	3,300	0,028	0,302
CHR17	667454	CHR17:667454	SSF x Near_LoA	-7,075	-0,187	0,276
CHR17	6697528	CHR17:6697528	SSF x Near_LoA	-7,544	-0,035	0,291
CHR17	6714248	CHR17:6714248	SSF x Near_LoA	-7,951	0,158	0,266
CHR17	6718948	CHR17:6718948	SSF x Near_LoA	-6,945	-0,111	0,291
CHR17	6718981	CHR17:6718981	SSF x Near_LoA	-3,835	0,229	0,268
CHR17	6718982	CHR17:6718982	SSF x Near_LoA	-3,542	0,238	0,263
CHR17	6719116	CHR17:6719116	SSF x Near_LoA	-5,372	0,175	0,280
CHR17	6719179	CHR17:6719179	SSF x Near_LoA	-8,474	-0,073	0,289
CHR17	6719221	CHR17:6719221	SSF x Near_LoA	-6,505	0,179	0,268
CHR17	6763099	CHR17:6763099	SSF x Near_LoA	-6,721	0,178	0,279
CHR17	677963	CHR17:677963	SSF x Near_LoA	-8,998	0,033	0,289
CHR17	677981	CHR17:677981	SSF x Near_LoA	-7,488	0,060	0,296
CHR17	677998	CHR17:677998	SSF x Near_LoA	-8,241	-0,029	0,283
CHR17	678020	CHR17:678020	SSF x Near_LoA	-8,844	-0,111	0,278
CHR17	678055	CHR17:678055	SSF x Near_LoA	-4,949	0,186	0,273
CHR17	678097	CHR17:678097	SSF x Near_LoA	-10,784	0,004	0,290
CHR17	6780997	CHR17:6780997	SSF x Near_LoA	-7,031	0,088	0,293
CHR17	6781092	CHR17:6781092	SSF x Near_LoA	-9,137	-0,018	0,287
CHR17	6785743	CHR17:6785743	SSF x Near_LoA	-6,831	0,192	0,281
CHR17	6785805	CHR17:6785805	SSF x Near_LoA	4,724	-0,155	0,281
CHR17	6794898	CHR17:6794898	SSF x Near_LoA	0,843	-0,254	0,265
CHR17	6804411	CHR17:6804411	SSF x Near_LoA	-8,500	-0,082	0,287
CHR17	6804448	CHR17:6804448	SSF x Near_LoA	-6,911	-0,219	0,288
CHR17	6807397	CHR17:6807397	SSF x Near_LoA	-2,132	-0,241	0,277
CHR17	6807459	CHR17:6807459	SSF x Near_LoA	-7,044	0,122	0,279
CHR17	6807489	CHR17:6807489	SSF x Near_LoA	-2,032	-0,222	0,252

CHR17	6807497	CHR17:6807497	SSF x Near_LoA	-8,967	0,040	0,292
CHR17	6808933	CHR17:6808933	SSF x Near_LoA	-2,665	-0,170	0,259
CHR17	6817883	CHR17:6817883	SSF x Near_LoA	-7,617	0,097	0,291
CHR17	6817953	CHR17:6817953	SSF x Near_LoA	-6,239	0,124	0,284
CHR17	6817963	CHR17:6817963	SSF x Near_LoA	-8,061	-0,117	0,286
CHR17	6818028	CHR17:6818028	SSF x Near_LoA	-8,957	0,049	0,288
CHR17	6818076	CHR17:6818076	SSF x Near_LoA	-10,438	0,076	0,271
CHR17	6818090	CHR17:6818090	SSF x Near_LoA	-3,247	-0,231	0,267
CHR17	6821622	CHR17:6821622	SSF x Near_LoA	-7,545	-0,088	0,289
CHR17	6828527	CHR17:6828527	SSF x Near_LoA	-5,542	-0,010	0,303
CHR17	6859872	CHR17:6859872	SSF x Near_LoA	-7,664	-0,067	0,278
CHR17	6870825	CHR17:6870825	SSF x Near_LoA	-9,734	-0,117	0,284
CHR17	6876922	CHR17:6876922	SSF x Near_LoA	-9,276	-0,011	0,297
CHR17	6877160	CHR17:6877160	SSF x Near_LoA	-7,524	0,050	0,287
CHR17	6917538	CHR17:6917538	SSF x Near_LoA	-8,798	0,011	0,293
CHR17	692206	CHR17:692206	SSF x Near_LoA	-8,601	0,086	0,286
CHR17	692256	CHR17:692256	SSF x Near_LoA	-7,787	-0,038	0,288
CHR17	6937886	CHR17:6937886	SSF x Near_LoA	-8,108	0,008	0,278
CHR17	6940178	CHR17:6940178	SSF x Near_LoA	-10,380	-0,044	0,283
CHR17	6940425	CHR17:6940425	SSF x Near_LoA	-9,183	-0,120	0,288
CHR17	6951730	CHR17:6951730	SSF x Near_LoA	-5,639	-0,094	0,291
CHR17	6958845	CHR17:6958845	SSF x Near_LoA	-8,593	-0,143	0,279
CHR17	6958853	CHR17:6958853	SSF x Near_LoA	-8,385	-0,054	0,295
CHR17	6958875	CHR17:6958875	SSF x Near_LoA	-7,020	0,052	0,277
CHR17	6987384	CHR17:6987384	SSF x Near_LoA	-9,785	0,047	0,269
CHR17	6987476	CHR17:6987476	SSF x Near_LoA	-8,587	-0,122	0,283
CHR17	6987529	CHR17:6987529	SSF x Near_LoA	-8,805	-0,022	0,293
CHR17	6999365	CHR17:6999365	SSF x Near_LoA	-7,691	-0,051	0,281
CHR17	6999515	CHR17:6999515	SSF x Near_LoA	-10,158	0,007	0,300
CHR17	7034212	CHR17:7034212	SSF x Near_LoA	-8,799	0,005	0,291
CHR17	7034291	CHR17:7034291	SSF x Near_LoA	-5,808	0,084	0,279
CHR17	7034408	CHR17:7034408	SSF x Near_LoA	-9,463	-0,036	0,284
CHR17	7042635	CHR17:7042635	SSF x Near_LoA	-7,707	0,039	0,302
CHR17	7042640	CHR17:7042640	SSF x Near_LoA	-10,106	0,119	0,274
CHR17	7044159	CHR17:7044159	SSF x Near_LoA	-5,653	-0,108	0,294
CHR17	7044242	CHR17:7044242	SSF x Near_LoA	-5,874	-0,051	0,298
CHR17	7116372	CHR17:7116372	SSF x Near_LoA	-7,962	-0,024	0,256
CHR17	7116383	CHR17:7116383	SSF x Near_LoA	-10,609	-0,053	0,290
CHR17	7117197	CHR17:7117197	SSF x Near_LoA	-4,189	0,096	0,282
CHR17	7140440	CHR17:7140440	SSF x Near_LoA	-9,030	0,082	0,292
CHR17	7144836	CHR17:7144836	SSF x Near_LoA	-7,232	0,162	0,238
CHR17	7146899	CHR17:7146899	SSF x Near_LoA	-2,601	0,149	0,295
CHR17	7148957	CHR17:7148957	SSF x Near_LoA	-9,287	-0,006	0,288
CHR17	7174469	CHR17:7174469	SSF x Near_LoA	-6,957	0,100	0,290
CHR17	7174496	CHR17:7174496	SSF x Near_LoA	-6,779	0,088	0,292
CHR17	7174626	CHR17:7174626	SSF x Near_LoA	-0,372	0,090	0,294
CHR17	7180380	CHR17:7180380	SSF x Near_LoA	-8,004	-0,024	0,286
CHR17	7180549	CHR17:7180549	SSF x Near_LoA	-7,847	0,091	0,287
CHR17	720057	CHR17:720057	SSF x Near_LoA	-2,919	-0,062	0,289
CHR17	720118	CHR17:720118	SSF x Near_LoA	-6,978	-0,010	0,275
CHR17	720196	CHR17:720196	SSF x Near_LoA	-6,274	-0,139	0,283
CHR17	722781	CHR17:722781	SSF x Near_LoA	-7,055	0,095	0,292
CHR17	722828	CHR17:722828	SSF x Near_LoA	-8,484	0,061	0,290

CHR17	722829	CHR17:722829	SSF x Near_LoA	-8,332	0,024	0,288
CHR17	722973	CHR17:722973	SSF x Near_LoA	-6,856	0,086	0,276
CHR17	722977	CHR17:722977	SSF x Near_LoA	-6,488	-0,066	0,279
CHR17	7245454	CHR17:7245454	SSF x Near_LoA	-10,234	0,010	0,289
CHR17	7245462	CHR17:7245462	SSF x Near_LoA	-8,578	0,081	0,256
CHR17	7245475	CHR17:7245475	SSF x Near_LoA	-1,272	-0,076	0,271
CHR17	7254335	CHR17:7254335	SSF x Near_LoA	-6,908	0,102	0,270
CHR17	7271130	CHR17:7271130	SSF x Near_LoA	-4,659	-0,196	0,285
CHR17	7280923	CHR17:7280923	SSF x Near_LoA	-7,926	0,072	0,277
CHR17	7289539	CHR17:7289539	SSF x Near_LoA	-7,626	-0,105	0,279
CHR17	729162	CHR17:729162	SSF x Near_LoA	-8,823	0,035	0,302
CHR17	729240	CHR17:729240	SSF x Near_LoA	-9,090	-0,035	0,288
CHR17	729252	CHR17:729252	SSF x Near_LoA	-7,186	-0,035	0,286
CHR17	729254	CHR17:729254	SSF x Near_LoA	-7,658	-0,018	0,277
CHR17	7293064	CHR17:7293064	SSF x Near_LoA	-7,831	0,135	0,287
CHR17	729337	CHR17:729337	SSF x Near_LoA	-5,944	0,221	0,270
CHR17	729398	CHR17:729398	SSF x Near_LoA	-6,613	0,105	0,287
CHR17	7323090	CHR17:7323090	SSF x Near_LoA	-9,981	-0,088	0,280
CHR17	733569	CHR17:733569	SSF x Near_LoA	-7,319	0,071	0,289
CHR17	733642	CHR17:733642	SSF x Near_LoA	-7,849	0,009	0,290
CHR17	733656	CHR17:733656	SSF x Near_LoA	-7,198	-0,005	0,285
CHR17	733663	CHR17:733663	SSF x Near_LoA	-10,070	-0,037	0,282
CHR17	7338258	CHR17:7338258	SSF x Near_LoA	2,260	0,188	0,271
CHR17	7338278	CHR17:7338278	SSF x Near_LoA	-6,671	0,153	0,274
CHR17	7338371	CHR17:7338371	SSF x Near_LoA	-5,933	0,168	0,278
CHR17	7347015	CHR17:7347015	SSF x Near_LoA	-8,987	-0,126	0,282
CHR17	7347049	CHR17:7347049	SSF x Near_LoA	-7,862	-0,082	0,288
CHR17	7347093	CHR17:7347093	SSF x Near_LoA	-2,225	0,210	0,279
CHR17	736511	CHR17:736511	SSF x Near_LoA	-8,069	0,001	0,297
CHR17	736512	CHR17:736512	SSF x Near_LoA	-6,432	0,002	0,305
CHR17	736532	CHR17:736532	SSF x Near_LoA	-7,369	0,164	0,281
CHR17	736564	CHR17:736564	SSF x Near_LoA	-7,816	-0,081	0,305
CHR17	736600	CHR17:736600	SSF x Near_LoA	-8,332	0,058	0,283
CHR17	736601	CHR17:736601	SSF x Near_LoA	-7,669	-0,066	0,297
CHR17	736603	CHR17:736603	SSF x Near_LoA	-9,060	0,036	0,278
CHR17	7391151	CHR17:7391151	SSF x Near_LoA	-9,325	-0,146	0,279
CHR17	739593	CHR17:739593	SSF x Near_LoA	-9,370	-0,019	0,289
CHR17	7423650	CHR17:7423650	SSF x Near_LoA	-4,785	0,174	0,281
CHR17	7434891	CHR17:7434891	SSF x Near_LoA	-8,443	0,116	0,295
CHR17	7435007	CHR17:7435007	SSF x Near_LoA	-9,802	-0,010	0,298
CHR17	7444688	CHR17:7444688	SSF x Near_LoA	-5,637	-0,009	0,306
CHR17	7444695	CHR17:7444695	SSF x Near_LoA	-9,423	-0,007	0,300
CHR17	7453537	CHR17:7453537	SSF x Near_LoA	-8,354	-0,104	0,271
CHR17	7453976	CHR17:7453976	SSF x Near_LoA	-7,539	-0,039	0,297
CHR17	747449	CHR17:747449	SSF x Near_LoA	-9,267	-0,107	0,282
CHR17	747584	CHR17:747584	SSF x Near_LoA	-9,209	0,025	0,294
CHR17	747620	CHR17:747620	SSF x Near_LoA	-7,802	0,051	0,287
CHR17	747692	CHR17:747692	SSF x Near_LoA	-7,158	0,217	0,286
CHR17	7477760	CHR17:7477760	SSF x Near_LoA	-7,421	0,041	0,295
CHR17	758025	CHR17:758025	SSF x Near_LoA	-6,309	0,096	0,283
CHR17	758027	CHR17:758027	SSF x Near_LoA	-7,961	0,085	0,287
CHR17	758037	CHR17:758037	SSF x Near_LoA	-1,679	-0,120	0,277
CHR17	758038	CHR17:758038	SSF x Near_LoA	-7,199	-0,120	0,287

CHR17	758045	CHR17:758045	SSF x Near_LoA	-3,571	-0,137	0,293
CHR17	758052	CHR17:758052	SSF x Near_LoA	-9,943	0,051	0,292
CHR17	758061	CHR17:758061	SSF x Near_LoA	-7,259	-0,119	0,273
CHR17	758062	CHR17:758062	SSF x Near_LoA	2,069	-0,333	0,244
CHR17	758088	CHR17:758088	SSF x Near_LoA	-5,922	-0,105	0,277
CHR17	766881	CHR17:766881	SSF x Near_LoA	-8,449	0,019	0,283
CHR17	766897	CHR17:766897	SSF x Near_LoA	-9,231	-0,005	0,263
CHR17	766955	CHR17:766955	SSF x Near_LoA	-10,312	-0,089	0,283
CHR17	766956	CHR17:766956	SSF x Near_LoA	-8,509	-0,029	0,303
CHR17	767023	CHR17:767023	SSF x Near_LoA	-8,065	0,031	0,299
CHR17	767081	CHR17:767081	SSF x Near_LoA	-8,053	0,051	0,286
CHR17	767110	CHR17:767110	SSF x Near_LoA	-5,437	-0,068	0,303
CHR17	77995	CHR17:77995	SSF x Near_LoA	2,841	0,072	0,297
CHR17	78160	CHR17:78160	SSF x Near_LoA	-6,797	0,063	0,296
CHR17	78164	CHR17:78164	SSF x Near_LoA	-7,627	0,036	0,291
CHR17	781890	CHR17:781890	SSF x Near_LoA	-9,187	0,144	0,296
CHR17	781918	CHR17:781918	SSF x Near_LoA	-7,310	0,024	0,280
CHR17	781943	CHR17:781943	SSF x Near_LoA	-4,570	-0,089	0,279
CHR17	784647	CHR17:784647	SSF x Near_LoA	-8,528	-0,065	0,274
CHR17	784648	CHR17:784648	SSF x Near_LoA	-8,746	-0,050	0,279
CHR17	784711	CHR17:784711	SSF x Near_LoA	-8,127	-0,041	0,301
CHR17	784721	CHR17:784721	SSF x Near_LoA	-6,436	0,169	0,268
CHR17	784757	CHR17:784757	SSF x Near_LoA	-6,369	-0,198	0,277
CHR17	784802	CHR17:784802	SSF x Near_LoA	-7,419	0,021	0,286
CHR17	784843	CHR17:784843	SSF x Near_LoA	-5,843	0,065	0,281
CHR17	784844	CHR17:784844	SSF x Near_LoA	-9,922	-0,037	0,286
CHR17	790229	CHR17:790229	SSF x Near_LoA	-7,103	0,119	0,271
CHR17	790332	CHR17:790332	SSF x Near_LoA	-7,544	-0,151	0,275
CHR17	790346	CHR17:790346	SSF x Near_LoA	-9,492	0,039	0,296
CHR17	801673	CHR17:801673	SSF x Near_LoA	-6,590	-0,120	0,278
CHR17	801705	CHR17:801705	SSF x Near_LoA	-6,884	0,061	0,300
CHR17	801775	CHR17:801775	SSF x Near_LoA	-9,054	-0,023	0,286
CHR17	801776	CHR17:801776	SSF x Near_LoA	-8,500	0,114	0,269
CHR17	801805	CHR17:801805	SSF x Near_LoA	-9,061	0,071	0,281
CHR17	801846	CHR17:801846	SSF x Near_LoA	-6,928	-0,051	0,305
CHR17	801947	CHR17:801947	SSF x Near_LoA	-5,596	-0,143	0,284
CHR17	802026	CHR17:802026	SSF x Near_LoA	-8,198	0,071	0,288
CHR17	802031	CHR17:802031	SSF x Near_LoA	-4,926	0,201	0,292
CHR17	802055	CHR17:802055	SSF x Near_LoA	-7,491	0,066	0,291
CHR17	802074	CHR17:802074	SSF x Near_LoA	-8,677	-0,097	0,297
CHR17	8120153	CHR17:8120153	SSF x Near_LoA	-6,353	0,137	0,288
CHR17	8120175	CHR17:8120175	SSF x Near_LoA	-2,306	0,127	0,288
CHR17	8129534	CHR17:8129534	SSF x Near_LoA	-9,863	0,003	0,295
CHR17	8131382	CHR17:8131382	SSF x Near_LoA	-9,853	-0,036	0,294
CHR17	8139726	CHR17:8139726	SSF x Near_LoA	-6,142	0,129	0,279
CHR17	8139748	CHR17:8139748	SSF x Near_LoA	-8,949	-0,007	0,285
CHR17	8142722	CHR17:8142722	SSF x Near_LoA	-10,440	-0,013	0,288
CHR17	8159543	CHR17:8159543	SSF x Near_LoA	-9,055	-0,039	0,284
CHR17	8159777	CHR17:8159777	SSF x Near_LoA	-8,286	-0,083	0,290
CHR17	8159849	CHR17:8159849	SSF x Near_LoA	-10,247	-0,023	0,283
CHR17	8190792	CHR17:8190792	SSF x Near_LoA	-9,438	-0,111	0,283
CHR17	8190811	CHR17:8190811	SSF x Near_LoA	-8,867	-0,063	0,290
CHR17	8231255	CHR17:8231255	SSF x Near_LoA	-6,800	0,072	0,290

CHR17	8247683	CHR17:8247683	SSF x Near_LoA	-7,428	0,163	0,277
CHR17	8247714	CHR17:8247714	SSF x Near_LoA	-8,813	0,140	0,270
CHR17	8247768	CHR17:8247768	SSF x Near_LoA	-8,858	0,128	0,277
CHR17	8247789	CHR17:8247789	SSF x Near_LoA	-7,673	0,141	0,276
CHR17	8247825	CHR17:8247825	SSF x Near_LoA	-6,965	0,205	0,266
CHR17	8257231	CHR17:8257231	SSF x Near_LoA	-9,938	0,069	0,281
CHR17	8280431	CHR17:8280431	SSF x Near_LoA	-7,656	0,092	0,293
CHR17	8280440	CHR17:8280440	SSF x Near_LoA	-10,028	-0,007	0,274
CHR17	828109	CHR17:828109	SSF x Near_LoA	-7,922	-0,114	0,284
CHR17	8281404	CHR17:8281404	SSF x Near_LoA	-9,810	0,007	0,292
CHR17	8281447	CHR17:8281447	SSF x Near_LoA	-9,291	0,022	0,302
CHR17	828153	CHR17:828153	SSF x Near_LoA	-7,743	0,062	0,295
CHR17	828357	CHR17:828357	SSF x Near_LoA	-6,370	-0,169	0,278
CHR17	8293803	CHR17:8293803	SSF x Near_LoA	-5,090	-0,204	0,282
CHR17	8293825	CHR17:8293825	SSF x Near_LoA	-4,409	-0,204	0,266
CHR17	8293839	CHR17:8293839	SSF x Near_LoA	-4,645	0,268	0,283
CHR17	8306259	CHR17:8306259	SSF x Near_LoA	-3,928	-0,221	0,278
CHR17	8306280	CHR17:8306280	SSF x Near_LoA	-3,875	0,253	0,284
CHR17	8306415	CHR17:8306415	SSF x Near_LoA	-7,380	-0,035	0,287
CHR17	8310741	CHR17:8310741	SSF x Near_LoA	-8,401	0,104	0,284
CHR17	8310768	CHR17:8310768	SSF x Near_LoA	-6,498	0,102	0,281
CHR17	8310872	CHR17:8310872	SSF x Near_LoA	-7,151	0,094	0,272
CHR17	8310916	CHR17:8310916	SSF x Near_LoA	-7,105	0,035	0,277
CHR17	8310918	CHR17:8310918	SSF x Near_LoA	-8,007	0,066	0,286
CHR17	8310920	CHR17:8310920	SSF x Near_LoA	-8,463	0,069	0,278
CHR17	8310942	CHR17:8310942	SSF x Near_LoA	-10,160	-0,032	0,284
CHR17	8310955	CHR17:8310955	SSF x Near_LoA	-6,579	0,117	0,295
CHR17	8310973	CHR17:8310973	SSF x Near_LoA	-6,924	-0,098	0,290
CHR17	8348172	CHR17:8348172	SSF x Near_LoA	-9,479	0,087	0,287
CHR17	8352157	CHR17:8352157	SSF x Near_LoA	-9,057	-0,036	0,297
CHR17	8352203	CHR17:8352203	SSF x Near_LoA	-6,011	-0,183	0,289
CHR17	8352204	CHR17:8352204	SSF x Near_LoA	-1,541	0,136	0,274
CHR17	8352252	CHR17:8352252	SSF x Near_LoA	-8,675	-0,081	0,284
CHR17	8352260	CHR17:8352260	SSF x Near_LoA	-6,747	-0,114	0,285
CHR17	8358414	CHR17:8358414	SSF x Near_LoA	-5,384	-0,137	0,278
CHR17	8358415	CHR17:8358415	SSF x Near_LoA	-7,784	-0,109	0,295
CHR17	8358483	CHR17:8358483	SSF x Near_LoA	-5,708	0,183	0,282
CHR17	8359490	CHR17:8359490	SSF x Near_LoA	-8,135	0,009	0,278
CHR17	8359496	CHR17:8359496	SSF x Near_LoA	-10,360	0,024	0,284
CHR17	8359541	CHR17:8359541	SSF x Near_LoA	-7,328	0,015	0,303
CHR17	8359542	CHR17:8359542	SSF x Near_LoA	-8,095	0,040	0,286
CHR17	8359547	CHR17:8359547	SSF x Near_LoA	-7,505	0,042	0,290
CHR17	8359642	CHR17:8359642	SSF x Near_LoA	-10,809	0,047	0,273
CHR17	8359719	CHR17:8359719	SSF x Near_LoA	-7,157	-0,060	0,309
CHR17	8361083	CHR17:8361083	SSF x Near_LoA	-9,205	-0,073	0,291
CHR17	8361177	CHR17:8361177	SSF x Near_LoA	-9,842	-0,041	0,296
CHR17	8361235	CHR17:8361235	SSF x Near_LoA	-9,009	0,201	0,269
CHR17	8361333	CHR17:8361333	SSF x Near_LoA	-9,197	0,040	0,293
CHR17	8361334	CHR17:8361334	SSF x Near_LoA	-7,253	0,044	0,284
CHR17	8365604	CHR17:8365604	SSF x Near_LoA	-7,359	-0,074	0,290
CHR17	8365642	CHR17:8365642	SSF x Near_LoA	-9,102	0,073	0,291
CHR17	8366922	CHR17:8366922	SSF x Near_LoA	-8,139	0,123	0,293
CHR17	8367023	CHR17:8367023	SSF x Near_LoA	-9,133	0,086	0,284

CHR17	8376615	CHR17:8376615	SSF x Near_LoA	-7,768	0,133	0,274
CHR17	8379002	CHR17:8379002	SSF x Near_LoA	-6,818	0,052	0,272
CHR17	8382239	CHR17:8382239	SSF x Near_LoA	-7,567	0,065	0,282
CHR17	8382279	CHR17:8382279	SSF x Near_LoA	-8,922	0,125	0,284
CHR17	8382291	CHR17:8382291	SSF x Near_LoA	-7,356	0,107	0,285
CHR17	8382296	CHR17:8382296	SSF x Near_LoA	-9,167	0,083	0,286
CHR17	8382299	CHR17:8382299	SSF x Near_LoA	-9,151	0,104	0,278
CHR17	8383596	CHR17:8383596	SSF x Near_LoA	-8,373	-0,116	0,289
CHR17	8383721	CHR17:8383721	SSF x Near_LoA	-7,392	0,050	0,281
CHR17	8383766	CHR17:8383766	SSF x Near_LoA	-1,454	-0,032	0,301
CHR17	8388885	CHR17:8388885	SSF x Near_LoA	-7,703	0,029	0,280
CHR17	8388916	CHR17:8388916	SSF x Near_LoA	-9,129	0,111	0,286
CHR17	8388931	CHR17:8388931	SSF x Near_LoA	-5,385	-0,056	0,284
CHR17	8391756	CHR17:8391756	SSF x Near_LoA	-10,062	0,113	0,273
CHR17	8391958	CHR17:8391958	SSF x Near_LoA	-8,335	0,086	0,280
CHR17	8393097	CHR17:8393097	SSF x Near_LoA	-10,169	-0,071	0,271
CHR17	8393102	CHR17:8393102	SSF x Near_LoA	-8,238	0,140	0,287
CHR17	8397580	CHR17:8397580	SSF x Near_LoA	-8,126	0,009	0,297
CHR17	8397592	CHR17:8397592	SSF x Near_LoA	-5,895	0,099	0,288
CHR17	8397606	CHR17:8397606	SSF x Near_LoA	-9,688	-0,044	0,280
CHR17	8399000	CHR17:8399000	SSF x Near_LoA	-8,282	0,021	0,302
CHR17	841858	CHR17:841858	SSF x Near_LoA	-3,895	0,132	0,301
CHR17	8421129	CHR17:8421129	SSF x Near_LoA	-7,057	0,111	0,265
CHR17	8421161	CHR17:8421161	SSF x Near_LoA	-8,861	0,046	0,275
CHR17	8421164	CHR17:8421164	SSF x Near_LoA	-6,488	0,079	0,268
CHR17	8423222	CHR17:8423222	SSF x Near_LoA	-6,518	-0,163	0,287
CHR17	844459	CHR17:844459	SSF x Near_LoA	-8,855	-0,009	0,287
CHR17	844472	CHR17:844472	SSF x Near_LoA	-9,495	0,004	0,276
CHR17	844493	CHR17:844493	SSF x Near_LoA	-9,117	0,024	0,285
CHR17	844519	CHR17:844519	SSF x Near_LoA	-7,296	0,082	0,281
CHR17	8445682	CHR17:8445682	SSF x Near_LoA	-9,028	-0,008	0,279
CHR17	8456321	CHR17:8456321	SSF x Near_LoA	-7,930	0,033	0,275
CHR17	8456433	CHR17:8456433	SSF x Near_LoA	-7,843	-0,032	0,294
CHR17	8456462	CHR17:8456462	SSF x Near_LoA	-8,124	-0,128	0,292
CHR17	8456489	CHR17:8456489	SSF x Near_LoA	-7,236	0,069	0,294
CHR17	8463281	CHR17:8463281	SSF x Near_LoA	-10,168	-0,023	0,298
CHR17	8464837	CHR17:8464837	SSF x Near_LoA	-6,012	0,055	0,308
CHR17	8464856	CHR17:8464856	SSF x Near_LoA	-7,361	-0,075	0,292
CHR17	8464900	CHR17:8464900	SSF x Near_LoA	-7,145	0,052	0,294
CHR17	8464915	CHR17:8464915	SSF x Near_LoA	-6,035	0,059	0,299
CHR17	8468517	CHR17:8468517	SSF x Near_LoA	-6,272	0,122	0,286
CHR17	8468553	CHR17:8468553	SSF x Near_LoA	-6,906	0,094	0,291
CHR17	8468620	CHR17:8468620	SSF x Near_LoA	-9,116	0,064	0,294
CHR17	8470079	CHR17:8470079	SSF x Near_LoA	-6,073	0,111	0,278
CHR17	8470093	CHR17:8470093	SSF x Near_LoA	-6,476	0,036	0,288
CHR17	8470100	CHR17:8470100	SSF x Near_LoA	-7,658	0,132	0,283
CHR17	8470153	CHR17:8470153	SSF x Near_LoA	-6,119	0,121	0,287
CHR17	8471285	CHR17:8471285	SSF x Near_LoA	-3,461	0,167	0,283
CHR17	8471434	CHR17:8471434	SSF x Near_LoA	-9,435	0,043	0,295
CHR17	847812	CHR17:847812	SSF x Near_LoA	-9,634	0,066	0,274
CHR17	847846	CHR17:847846	SSF x Near_LoA	-9,140	0,097	0,282
CHR17	847880	CHR17:847880	SSF x Near_LoA	-8,215	0,001	0,285
CHR17	848040	CHR17:848040	SSF x Near_LoA	-7,599	0,084	0,291

CHR17	8505301	CHR17:8505301	SSF x Near_LoA	-6,747	0,160	0,259
CHR17	8516925	CHR17:8516925	SSF x Near_LoA	3,216	0,154	0,282
CHR17	8516932	CHR17:8516932	SSF x Near_LoA	-6,324	-0,178	0,287
CHR17	8516955	CHR17:8516955	SSF x Near_LoA	-8,464	-0,126	0,278
CHR17	8516987	CHR17:8516987	SSF x Near_LoA	-9,778	-0,030	0,287
CHR17	8517105	CHR17:8517105	SSF x Near_LoA	-6,829	-0,084	0,283
CHR17	8517143	CHR17:8517143	SSF x Near_LoA	-8,664	-0,039	0,283
CHR17	8517173	CHR17:8517173	SSF x Near_LoA	-3,136	-0,029	0,288
CHR17	8522283	CHR17:8522283	SSF x Near_LoA	-8,519	0,118	0,286
CHR17	8522320	CHR17:8522320	SSF x Near_LoA	-8,343	0,078	0,286
CHR17	8522391	CHR17:8522391	SSF x Near_LoA	-7,206	0,204	0,279
CHR17	8522414	CHR17:8522414	SSF x Near_LoA	-7,543	-0,102	0,276
CHR17	8522490	CHR17:8522490	SSF x Near_LoA	-8,867	-0,102	0,281
CHR17	8525457	CHR17:8525457	SSF x Near_LoA	-7,532	-0,016	0,296
CHR17	8531597	CHR17:8531597	SSF x Near_LoA	-5,188	0,165	0,279
CHR17	8535787	CHR17:8535787	SSF x Near_LoA	-9,658	0,016	0,286
CHR17	8535791	CHR17:8535791	SSF x Near_LoA	-9,330	-0,004	0,284
CHR17	8535829	CHR17:8535829	SSF x Near_LoA	-7,689	-0,101	0,281
CHR17	8535833	CHR17:8535833	SSF x Near_LoA	-7,714	-0,105	0,281
CHR17	8535901	CHR17:8535901	SSF x Near_LoA	-10,180	0,022	0,290
CHR17	855010	CHR17:855010	SSF x Near_LoA	-6,212	-0,014	0,289
CHR17	855064	CHR17:855064	SSF x Near_LoA	-7,922	0,122	0,298
CHR17	855167	CHR17:855167	SSF x Near_LoA	-7,816	-0,041	0,279
CHR17	855200	CHR17:855200	SSF x Near_LoA	-6,299	-0,016	0,301
CHR17	855299	CHR17:855299	SSF x Near_LoA	-5,716	-0,157	0,282
CHR17	855342	CHR17:855342	SSF x Near_LoA	-9,625	-0,117	0,273
CHR17	855374	CHR17:855374	SSF x Near_LoA	-4,497	-0,096	0,298
CHR17	8559685	CHR17:8559685	SSF x Near_LoA	-7,872	0,086	0,282
CHR17	8579758	CHR17:8579758	SSF x Near_LoA	-9,720	-0,013	0,282
CHR17	8579812	CHR17:8579812	SSF x Near_LoA	-5,445	-0,254	0,274
CHR17	8579925	CHR17:8579925	SSF x Near_LoA	-7,318	0,015	0,277
CHR17	8579949	CHR17:8579949	SSF x Near_LoA	-7,117	-0,045	0,284
CHR17	8579951	CHR17:8579951	SSF x Near_LoA	-8,970	-0,048	0,292
CHR17	8579961	CHR17:8579961	SSF x Near_LoA	-6,377	0,114	0,288
CHR17	8579982	CHR17:8579982	SSF x Near_LoA	-9,836	-0,044	0,274
CHR17	8580130	CHR17:8580130	SSF x Near_LoA	-9,556	0,017	0,301
CHR17	8580167	CHR17:8580167	SSF x Near_LoA	-5,753	-0,253	0,273
CHR17	8587892	CHR17:8587892	SSF x Near_LoA	-9,668	0,000	0,284
CHR17	8594683	CHR17:8594683	SSF x Near_LoA	-4,852	-0,200	0,273
CHR17	8594706	CHR17:8594706	SSF x Near_LoA	-1,536	-0,180	0,289
CHR17	8594716	CHR17:8594716	SSF x Near_LoA	-6,705	-0,159	0,296
CHR17	8594718	CHR17:8594718	SSF x Near_LoA	0,507	0,312	0,244
CHR17	8594743	CHR17:8594743	SSF x Near_LoA	-6,635	-0,135	0,281
CHR17	8594823	CHR17:8594823	SSF x Near_LoA	-6,212	-0,160	0,284
CHR17	8594839	CHR17:8594839	SSF x Near_LoA	-5,539	-0,148	0,291
CHR17	8594850	CHR17:8594850	SSF x Near_LoA	-7,405	-0,116	0,279
CHR17	8594856	CHR17:8594856	SSF x Near_LoA	-5,191	-0,181	0,282
CHR17	8598153	CHR17:8598153	SSF x Near_LoA	-5,565	0,022	0,289
CHR17	8600454	CHR17:8600454	SSF x Near_LoA	-6,726	-0,171	0,278
CHR17	8610061	CHR17:8610061	SSF x Near_LoA	-6,654	0,060	0,291
CHR17	8610104	CHR17:8610104	SSF x Near_LoA	-7,926	0,084	0,288
CHR17	8613011	CHR17:8613011	SSF x Near_LoA	-11,263	-0,024	0,289
CHR17	8614691	CHR17:8614691	SSF x Near_LoA	-2,361	-0,010	0,292

CHR17	8614703	CHR17:8614703	SSF x Near_LoA	-6,886	-0,086	0,288
CHR17	8614711	CHR17:8614711	SSF x Near_LoA	-8,046	-0,071	0,277
CHR17	8614714	CHR17:8614714	SSF x Near_LoA	-7,905	0,029	0,269
CHR17	8614732	CHR17:8614732	SSF x Near_LoA	-5,336	0,003	0,281
CHR17	8614752	CHR17:8614752	SSF x Near_LoA	-7,567	0,010	0,303
CHR17	8614753	CHR17:8614753	SSF x Near_LoA	-8,901	-0,002	0,291
CHR17	8614766	CHR17:8614766	SSF x Near_LoA	-9,001	-0,002	0,287
CHR17	8614823	CHR17:8614823	SSF x Near_LoA	-4,643	0,151	0,270
CHR17	8614895	CHR17:8614895	SSF x Near_LoA	-6,278	0,151	0,260
CHR17	8614906	CHR17:8614906	SSF x Near_LoA	-4,128	0,140	0,263
CHR17	8614966	CHR17:8614966	SSF x Near_LoA	22,618	0,356	0,257
CHR17	8620371	CHR17:8620371	SSF x Near_LoA	-6,438	0,144	0,294
CHR17	8620419	CHR17:8620419	SSF x Near_LoA	-9,485	-0,087	0,281
CHR17	8620421	CHR17:8620421	SSF x Near_LoA	9,080	-0,097	0,298
CHR17	8620593	CHR17:8620593	SSF x Near_LoA	-9,407	0,019	0,295
CHR17	8637262	CHR17:8637262	SSF x Near_LoA	-5,967	0,154	0,284
CHR17	8637412	CHR17:8637412	SSF x Near_LoA	-8,596	0,009	0,255
CHR17	8657014	CHR17:8657014	SSF x Near_LoA	-8,638	0,173	0,279
CHR17	8668456	CHR17:8668456	SSF x Near_LoA	-7,807	0,056	0,283
CHR17	8668544	CHR17:8668544	SSF x Near_LoA	-5,740	0,043	0,289
CHR17	8668565	CHR17:8668565	SSF x Near_LoA	-8,137	0,030	0,280
CHR17	8668605	CHR17:8668605	SSF x Near_LoA	-9,995	0,087	0,280
CHR17	8668626	CHR17:8668626	SSF x Near_LoA	-5,406	0,001	0,297
CHR17	8668660	CHR17:8668660	SSF x Near_LoA	-7,578	-0,018	0,296
CHR17	8668678	CHR17:8668678	SSF x Near_LoA	-9,633	0,027	0,295
CHR17	8671253	CHR17:8671253	SSF x Near_LoA	-8,101	0,018	0,285
CHR17	8671264	CHR17:8671264	SSF x Near_LoA	-8,400	-0,031	0,284
CHR17	8678916	CHR17:8678916	SSF x Near_LoA	-7,781	-0,046	0,287
CHR17	8679792	CHR17:8679792	SSF x Near_LoA	-9,267	-0,016	0,283
CHR17	8679841	CHR17:8679841	SSF x Near_LoA	-9,211	-0,100	0,276
CHR17	8679865	CHR17:8679865	SSF x Near_LoA	-9,487	0,026	0,285
CHR17	8679931	CHR17:8679931	SSF x Near_LoA	-7,523	-0,051	0,294
CHR17	8683148	CHR17:8683148	SSF x Near_LoA	-9,210	0,089	0,286
CHR17	8686522	CHR17:8686522	SSF x Near_LoA	-8,249	0,171	0,283
CHR17	8696364	CHR17:8696364	SSF x Near_LoA	-6,355	0,179	0,287
CHR17	8696404	CHR17:8696404	SSF x Near_LoA	-8,336	-0,007	0,281
CHR17	8696456	CHR17:8696456	SSF x Near_LoA	-7,941	0,012	0,303
CHR17	8698605	CHR17:8698605	SSF x Near_LoA	-8,272	-0,040	0,279
CHR17	8698610	CHR17:8698610	SSF x Near_LoA	-9,948	-0,060	0,274
CHR17	8698657	CHR17:8698657	SSF x Near_LoA	-6,109	0,087	0,275
CHR17	8698666	CHR17:8698666	SSF x Near_LoA	-8,955	-0,030	0,298
CHR17	8698686	CHR17:8698686	SSF x Near_LoA	-3,389	0,150	0,273
CHR17	8698704	CHR17:8698704	SSF x Near_LoA	-3,325	0,231	0,282
CHR17	8712462	CHR17:8712462	SSF x Near_LoA	-1,572	0,150	0,276
CHR17	8714043	CHR17:8714043	SSF x Near_LoA	-4,413	0,172	0,275
CHR17	8714083	CHR17:8714083	SSF x Near_LoA	-3,867	0,200	0,285
CHR17	8714190	CHR17:8714190	SSF x Near_LoA	-4,519	0,183	0,270
CHR17	8714295	CHR17:8714295	SSF x Near_LoA	-5,797	-0,181	0,283
CHR17	8728670	CHR17:8728670	SSF x Near_LoA	-8,483	0,005	0,285
CHR17	8730455	CHR17:8730455	SSF x Near_LoA	-9,625	-0,036	0,298
CHR17	8741083	CHR17:8741083	SSF x Near_LoA	-7,015	0,018	0,295
CHR17	8741194	CHR17:8741194	SSF x Near_LoA	-9,961	-0,020	0,301
CHR17	8741197	CHR17:8741197	SSF x Near_LoA	1,368	0,168	0,275

CHR17	8761724	CHR17:8761724	SSF x Near_LoA	-4,960	-0,257	0,260
CHR17	8770320	CHR17:8770320	SSF x Near_LoA	-8,834	0,005	0,298
CHR17	8773152	CHR17:8773152	SSF x Near_LoA	-8,248	0,038	0,300
CHR17	8781661	CHR17:8781661	SSF x Near_LoA	-9,679	0,002	0,273
CHR17	8794105	CHR17:8794105	SSF x Near_LoA	-7,423	-0,100	0,292
CHR17	8794226	CHR17:8794226	SSF x Near_LoA	-9,723	0,039	0,269
CHR17	8794292	CHR17:8794292	SSF x Near_LoA	-8,195	-0,169	0,279
CHR17	8801395	CHR17:8801395	SSF x Near_LoA	-4,483	0,232	0,290
CHR17	8801398	CHR17:8801398	SSF x Near_LoA	-4,793	0,240	0,274
CHR17	8801448	CHR17:8801448	SSF x Near_LoA	-7,747	-0,063	0,289
CHR17	8801449	CHR17:8801449	SSF x Near_LoA	-7,482	-0,049	0,292
CHR17	8803453	CHR17:8803453	SSF x Near_LoA	-7,166	0,083	0,284
CHR17	8804980	CHR17:8804980	SSF x Near_LoA	-7,309	-0,062	0,285
CHR17	8805004	CHR17:8805004	SSF x Near_LoA	-8,681	-0,032	0,283
CHR17	8805011	CHR17:8805011	SSF x Near_LoA	-7,444	-0,061	0,284
CHR17	8805014	CHR17:8805014	SSF x Near_LoA	-6,354	-0,072	0,293
CHR17	8805019	CHR17:8805019	SSF x Near_LoA	-7,044	-0,052	0,286
CHR17	8805066	CHR17:8805066	SSF x Near_LoA	-7,289	-0,124	0,270
CHR17	8809929	CHR17:8809929	SSF x Near_LoA	-7,034	0,096	0,279
CHR17	8813368	CHR17:8813368	SSF x Near_LoA	-7,779	0,092	0,276
CHR17	8813396	CHR17:8813396	SSF x Near_LoA	-9,053	0,061	0,272
CHR17	8813549	CHR17:8813549	SSF x Near_LoA	-9,106	0,004	0,286
CHR17	8819586	CHR17:8819586	SSF x Near_LoA	-6,884	-0,119	0,287
CHR17	8829265	CHR17:8829265	SSF x Near_LoA	-4,865	0,176	0,279
CHR17	8833605	CHR17:8833605	SSF x Near_LoA	-10,617	-0,009	0,281
CHR17	8834820	CHR17:8834820	SSF x Near_LoA	-8,405	-0,039	0,293
CHR17	8834822	CHR17:8834822	SSF x Near_LoA	-8,385	-0,081	0,290
CHR17	8834856	CHR17:8834856	SSF x Near_LoA	0,533	0,155	0,282
CHR17	8834880	CHR17:8834880	SSF x Near_LoA	-6,132	0,123	0,292
CHR17	8834959	CHR17:8834959	SSF x Near_LoA	-7,012	0,070	0,288
CHR17	8834960	CHR17:8834960	SSF x Near_LoA	-7,827	0,048	0,278
CHR17	8834984	CHR17:8834984	SSF x Near_LoA	-9,539	0,028	0,277
CHR17	8835045	CHR17:8835045	SSF x Near_LoA	-7,251	-0,104	0,273
CHR17	8835066	CHR17:8835066	SSF x Near_LoA	0,793	0,129	0,282
CHR17	8843108	CHR17:8843108	SSF x Near_LoA	-8,183	-0,045	0,296
CHR17	8843153	CHR17:8843153	SSF x Near_LoA	-9,705	0,028	0,283
CHR17	8848763	CHR17:8848763	SSF x Near_LoA	-9,955	-0,095	0,277
CHR17	8848772	CHR17:8848772	SSF x Near_LoA	-9,648	-0,067	0,282
CHR17	8848963	CHR17:8848963	SSF x Near_LoA	-8,374	-0,110	0,284
CHR17	8849059	CHR17:8849059	SSF x Near_LoA	-0,991	-0,182	0,293
CHR17	8861250	CHR17:8861250	SSF x Near_LoA	-9,106	-0,032	0,290
CHR17	8872773	CHR17:8872773	SSF x Near_LoA	-6,382	-0,148	0,276
CHR17	8872821	CHR17:8872821	SSF x Near_LoA	-9,458	0,045	0,288
CHR17	8872841	CHR17:8872841	SSF x Near_LoA	-9,050	0,011	0,291
CHR17	8872888	CHR17:8872888	SSF x Near_LoA	-2,565	-0,171	0,273
CHR17	8876902	CHR17:8876902	SSF x Near_LoA	-9,432	0,025	0,295
CHR17	8876931	CHR17:8876931	SSF x Near_LoA	-7,435	-0,008	0,284
CHR17	8876988	CHR17:8876988	SSF x Near_LoA	-8,533	0,120	0,285
CHR17	8876993	CHR17:8876993	SSF x Near_LoA	-6,063	-0,134	0,287
CHR17	888912	CHR17:888912	SSF x Near_LoA	-4,145	-0,227	0,258
CHR17	888919	CHR17:888919	SSF x Near_LoA	-4,765	-0,220	0,263
CHR17	888928	CHR17:888928	SSF x Near_LoA	-5,160	-0,203	0,270
CHR17	889000	CHR17:889000	SSF x Near_LoA	-10,062	0,025	0,288

CHR17	889017	CHR17:889017	SSF x Near_LoA	-7,450	-0,070	0,262
CHR17	889018	CHR17:889018	SSF x Near_LoA	-7,834	-0,057	0,279
CHR17	889019	CHR17:889019	SSF x Near_LoA	-6,889	-0,048	0,289
CHR17	889066	CHR17:889066	SSF x Near_LoA	-8,552	-0,097	0,279
CHR17	889089	CHR17:889089	SSF x Near_LoA	-10,584	-0,001	0,259
CHR17	8893780	CHR17:8893780	SSF x Near_LoA	-7,357	-0,132	0,294
CHR17	8893850	CHR17:8893850	SSF x Near_LoA	-9,996	-0,071	0,285
CHR17	8893863	CHR17:8893863	SSF x Near_LoA	-6,297	0,025	0,312
CHR17	8893881	CHR17:8893881	SSF x Near_LoA	-7,636	-0,088	0,280
CHR17	8893882	CHR17:8893882	SSF x Near_LoA	-9,746	-0,066	0,269
CHR17	8893884	CHR17:8893884	SSF x Near_LoA	-8,146	-0,003	0,286
CHR17	8893943	CHR17:8893943	SSF x Near_LoA	-8,913	-0,068	0,294
CHR17	8894013	CHR17:8894013	SSF x Near_LoA	-5,430	-0,191	0,284
CHR17	8896653	CHR17:8896653	SSF x Near_LoA	-9,039	0,022	0,291
CHR17	8896722	CHR17:8896722	SSF x Near_LoA	-6,260	-0,168	0,285
CHR17	8896864	CHR17:8896864	SSF x Near_LoA	-0,575	-0,271	0,263
CHR17	8902379	CHR17:8902379	SSF x Near_LoA	-8,070	-0,031	0,285
CHR17	8902462	CHR17:8902462	SSF x Near_LoA	-8,370	-0,055	0,304
CHR17	8902509	CHR17:8902509	SSF x Near_LoA	-4,660	0,112	0,295
CHR17	8902577	CHR17:8902577	SSF x Near_LoA	-7,856	0,097	0,283
CHR17	8906409	CHR17:8906409	SSF x Near_LoA	-2,210	-0,162	0,287
CHR17	8906450	CHR17:8906450	SSF x Near_LoA	-7,782	0,101	0,270
CHR17	8906765	CHR17:8906765	SSF x Near_LoA	-8,023	0,046	0,284
CHR17	8906766	CHR17:8906766	SSF x Near_LoA	-8,639	-0,019	0,294
CHR17	8914699	CHR17:8914699	SSF x Near_LoA	-8,545	-0,193	0,275
CHR17	8916317	CHR17:8916317	SSF x Near_LoA	-7,811	-0,174	0,279
CHR17	8922242	CHR17:8922242	SSF x Near_LoA	-7,718	-0,114	0,270
CHR17	8922263	CHR17:8922263	SSF x Near_LoA	-7,545	0,072	0,280
CHR17	8922309	CHR17:8922309	SSF x Near_LoA	-2,872	0,223	0,283
CHR17	8922337	CHR17:8922337	SSF x Near_LoA	-7,517	0,025	0,293
CHR17	8922343	CHR17:8922343	SSF x Near_LoA	-10,783	0,021	0,277
CHR17	8922422	CHR17:8922422	SSF x Near_LoA	-2,896	-0,192	0,281
CHR17	8930075	CHR17:8930075	SSF x Near_LoA	-6,257	-0,046	0,294
CHR17	8930105	CHR17:8930105	SSF x Near_LoA	-9,050	-0,028	0,295
CHR17	893013	CHR17:893013	SSF x Near_LoA	-7,046	0,011	0,291
CHR17	8930139	CHR17:8930139	SSF x Near_LoA	-9,575	0,050	0,287
CHR17	8930260	CHR17:8930260	SSF x Near_LoA	-6,075	-0,061	0,285
CHR17	893029	CHR17:893029	SSF x Near_LoA	-8,083	0,078	0,292
CHR17	8930323	CHR17:8930323	SSF x Near_LoA	-8,926	-0,058	0,286
CHR17	893049	CHR17:893049	SSF x Near_LoA	-7,713	0,000	0,275
CHR17	893074	CHR17:893074	SSF x Near_LoA	-9,893	-0,082	0,280
CHR17	893075	CHR17:893075	SSF x Near_LoA	-5,520	0,124	0,276
CHR17	893084	CHR17:893084	SSF x Near_LoA	-9,125	-0,090	0,288
CHR17	8937647	CHR17:8937647	SSF x Near_LoA	-9,453	-0,054	0,281
CHR17	8937710	CHR17:8937710	SSF x Near_LoA	-7,304	-0,142	0,281
CHR17	8937744	CHR17:8937744	SSF x Near_LoA	-9,638	0,103	0,280
CHR17	8938822	CHR17:8938822	SSF x Near_LoA	-9,610	0,011	0,290
CHR17	8938846	CHR17:8938846	SSF x Near_LoA	-8,340	-0,081	0,285
CHR17	8938993	CHR17:8938993	SSF x Near_LoA	-8,528	-0,072	0,299
CHR17	8938994	CHR17:8938994	SSF x Near_LoA	-9,214	-0,098	0,293
CHR17	8940143	CHR17:8940143	SSF x Near_LoA	-7,985	-0,038	0,293
CHR17	8940372	CHR17:8940372	SSF x Near_LoA	-9,767	-0,016	0,295
CHR17	8943517	CHR17:8943517	SSF x Near_LoA	-7,205	0,005	0,291

CHR17	8948048	CHR17:8948048	SSF x Near_LoA	-8,496	-0,103	0,284
CHR17	8948071	CHR17:8948071	SSF x Near_LoA	-8,661	0,022	0,293
CHR17	8948194	CHR17:8948194	SSF x Near_LoA	-9,537	-0,014	0,288
CHR17	8953043	CHR17:8953043	SSF x Near_LoA	-9,854	-0,090	0,276
CHR17	8955195	CHR17:8955195	SSF x Near_LoA	-5,422	-0,110	0,287
CHR17	8970972	CHR17:8970972	SSF x Near_LoA	-9,073	0,056	0,295
CHR17	8971033	CHR17:8971033	SSF x Near_LoA	-8,299	0,071	0,272
CHR17	8971274	CHR17:8971274	SSF x Near_LoA	-7,189	0,060	0,291
CHR17	899388	CHR17:899388	SSF x Near_LoA	-3,410	-0,218	0,269
CHR17	899435	CHR17:899435	SSF x Near_LoA	-8,962	0,060	0,279
CHR17	899449	CHR17:899449	SSF x Near_LoA	-7,207	0,054	0,272
CHR17	899576	CHR17:899576	SSF x Near_LoA	-9,073	0,042	0,285
CHR17	9000002	CHR17:9000002	SSF x Near_LoA	-6,963	0,107	0,286
CHR17	9000019	CHR17:9000019	SSF x Near_LoA	-7,618	-0,132	0,283
CHR17	9000131	CHR17:9000131	SSF x Near_LoA	-8,765	-0,045	0,293
CHR17	9000164	CHR17:9000164	SSF x Near_LoA	-9,650	0,042	0,293
CHR17	9000227	CHR17:9000227	SSF x Near_LoA	-8,485	0,122	0,290
CHR17	9000245	CHR17:9000245	SSF x Near_LoA	-8,222	-0,141	0,288
CHR17	9000252	CHR17:9000252	SSF x Near_LoA	-9,218	0,096	0,291
CHR17	9000308	CHR17:9000308	SSF x Near_LoA	-9,775	0,123	0,275
CHR17	9002237	CHR17:9002237	SSF x Near_LoA	-9,670	-0,010	0,277
CHR17	9002266	CHR17:9002266	SSF x Near_LoA	-6,404	0,119	0,261
CHR17	9003904	CHR17:9003904	SSF x Near_LoA	-6,477	-0,015	0,303
CHR17	9004042	CHR17:9004042	SSF x Near_LoA	-8,237	0,173	0,286
CHR17	9004123	CHR17:9004123	SSF x Near_LoA	-6,522	-0,110	0,275
CHR17	9004126	CHR17:9004126	SSF x Near_LoA	-5,723	-0,063	0,287
CHR17	9007883	CHR17:9007883	SSF x Near_LoA	-5,981	-0,188	0,284
CHR17	9007904	CHR17:9007904	SSF x Near_LoA	-6,379	-0,192	0,275
CHR17	9007917	CHR17:9007917	SSF x Near_LoA	-4,856	-0,173	0,282
CHR17	9008034	CHR17:9008034	SSF x Near_LoA	-7,545	0,116	0,279
CHR17	9008096	CHR17:9008096	SSF x Near_LoA	-6,769	-0,106	0,298
CHR17	9013521	CHR17:9013521	SSF x Near_LoA	-6,031	0,143	0,292
CHR17	9013556	CHR17:9013556	SSF x Near_LoA	-7,281	-0,104	0,285
CHR17	9017855	CHR17:9017855	SSF x Near_LoA	-9,047	0,072	0,281
CHR17	9017884	CHR17:9017884	SSF x Near_LoA	-7,772	-0,119	0,284
CHR17	9018034	CHR17:9018034	SSF x Near_LoA	-6,712	-0,146	0,286
CHR17	9018074	CHR17:9018074	SSF x Near_LoA	-8,595	0,120	0,290
CHR17	9021882	CHR17:9021882	SSF x Near_LoA	-8,714	-0,112	0,279
CHR17	9021919	CHR17:9021919	SSF x Near_LoA	-6,490	-0,140	0,294
CHR17	9021945	CHR17:9021945	SSF x Near_LoA	-8,328	-0,060	0,287
CHR17	9021990	CHR17:9021990	SSF x Near_LoA	-6,733	-0,080	0,287
CHR17	9022004	CHR17:9022004	SSF x Near_LoA	-8,416	-0,125	0,285
CHR17	9022032	CHR17:9022032	SSF x Near_LoA	-8,212	-0,080	0,285
CHR17	9022109	CHR17:9022109	SSF x Near_LoA	-9,481	-0,056	0,285
CHR17	9036570	CHR17:9036570	SSF x Near_LoA	-4,820	-0,019	0,284
CHR17	904517	CHR17:904517	SSF x Near_LoA	-8,782	-0,024	0,288
CHR17	904530	CHR17:904530	SSF x Near_LoA	-10,657	0,027	0,286
CHR17	904531	CHR17:904531	SSF x Near_LoA	-7,932	-0,044	0,290
CHR17	904534	CHR17:904534	SSF x Near_LoA	-8,264	-0,005	0,292
CHR17	904547	CHR17:904547	SSF x Near_LoA	-2,103	0,039	0,287
CHR17	904566	CHR17:904566	SSF x Near_LoA	-10,071	0,008	0,281
CHR17	9050658	CHR17:9050658	SSF x Near_LoA	-7,881	0,080	0,292
CHR17	9050839	CHR17:9050839	SSF x Near_LoA	-8,405	-0,035	0,274

CHR17	9057443	CHR17:9057443	SSF x Near_LoA	-10,763	-0,023	0,277
CHR17	9058975	CHR17:9058975	SSF x Near_LoA	-5,628	0,148	0,277
CHR17	9068891	CHR17:9068891	SSF x Near_LoA	-9,446	-0,014	0,283
CHR17	9098088	CHR17:9098088	SSF x Near_LoA	-6,694	-0,034	0,296
CHR17	9098117	CHR17:9098117	SSF x Near_LoA	-6,025	-0,110	0,286
CHR17	9098210	CHR17:9098210	SSF x Near_LoA	-7,934	-0,089	0,288
CHR17	9101408	CHR17:9101408	SSF x Near_LoA	-9,148	-0,077	0,292
CHR17	9101448	CHR17:9101448	SSF x Near_LoA	-6,904	-0,067	0,298
CHR17	9101469	CHR17:9101469	SSF x Near_LoA	-7,897	0,060	0,289
CHR17	9101481	CHR17:9101481	SSF x Near_LoA	-7,150	0,004	0,273
CHR17	9101624	CHR17:9101624	SSF x Near_LoA	-8,740	0,048	0,291
CHR17	9107163	CHR17:9107163	SSF x Near_LoA	-7,422	-0,098	0,297
CHR17	9107167	CHR17:9107167	SSF x Near_LoA	-7,433	-0,062	0,301
CHR17	9117704	CHR17:9117704	SSF x Near_LoA	-7,795	-0,129	0,271
CHR17	911771	CHR17:911771	SSF x Near_LoA	-3,890	-0,098	0,293
CHR17	9117765	CHR17:9117765	SSF x Near_LoA	-3,937	-0,124	0,269
CHR17	9117779	CHR17:9117779	SSF x Near_LoA	-7,280	-0,114	0,278
CHR17	9117783	CHR17:9117783	SSF x Near_LoA	-8,148	-0,088	0,271
CHR17	911836	CHR17:911836	SSF x Near_LoA	-7,421	-0,088	0,302
CHR17	911908	CHR17:911908	SSF x Near_LoA	-8,088	0,153	0,280
CHR17	911933	CHR17:911933	SSF x Near_LoA	-7,481	-0,147	0,271
CHR17	9122355	CHR17:9122355	SSF x Near_LoA	-9,449	0,053	0,291
CHR17	9131035	CHR17:9131035	SSF x Near_LoA	-8,008	-0,051	0,263
CHR17	9133575	CHR17:9133575	SSF x Near_LoA	-10,310	-0,078	0,278
CHR17	9135592	CHR17:9135592	SSF x Near_LoA	-9,226	-0,043	0,303
CHR17	9135611	CHR17:9135611	SSF x Near_LoA	-9,563	-0,068	0,289
CHR17	9136783	CHR17:9136783	SSF x Near_LoA	1,546	0,220	0,282
CHR17	9136819	CHR17:9136819	SSF x Near_LoA	-5,877	0,162	0,281
CHR17	9140109	CHR17:9140109	SSF x Near_LoA	-7,801	0,102	0,285
CHR17	9140112	CHR17:9140112	SSF x Near_LoA	-8,119	0,129	0,281
CHR17	9145006	CHR17:9145006	SSF x Near_LoA	-9,342	-0,021	0,289
CHR17	9145015	CHR17:9145015	SSF x Near_LoA	-8,264	-0,210	0,277
CHR17	9145093	CHR17:9145093	SSF x Near_LoA	-8,072	-0,026	0,280
CHR17	9151297	CHR17:9151297	SSF x Near_LoA	-2,946	0,244	0,280
CHR17	9151542	CHR17:9151542	SSF x Near_LoA	-8,171	0,149	0,292
CHR17	9156780	CHR17:9156780	SSF x Near_LoA	-6,098	-0,205	0,277
CHR17	9156798	CHR17:9156798	SSF x Near_LoA	-8,246	0,100	0,282
CHR17	9169117	CHR17:9169117	SSF x Near_LoA	-9,830	-0,086	0,284
CHR17	9169122	CHR17:9169122	SSF x Near_LoA	-7,033	-0,141	0,292
CHR17	9169128	CHR17:9169128	SSF x Near_LoA	-8,832	-0,090	0,299
CHR17	9169129	CHR17:9169129	SSF x Near_LoA	-9,731	0,074	0,284
CHR17	9169162	CHR17:9169162	SSF x Near_LoA	-7,301	-0,122	0,294
CHR17	9169190	CHR17:9169190	SSF x Near_LoA	-9,536	0,023	0,286
CHR17	9169229	CHR17:9169229	SSF x Near_LoA	-4,055	0,027	0,298
CHR17	9170504	CHR17:9170504	SSF x Near_LoA	-8,160	0,037	0,294
CHR17	9171695	CHR17:9171695	SSF x Near_LoA	-7,291	0,045	0,291
CHR17	9171721	CHR17:9171721	SSF x Near_LoA	-7,095	0,125	0,287
CHR17	9171772	CHR17:9171772	SSF x Near_LoA	-0,235	-0,175	0,275
CHR17	9171773	CHR17:9171773	SSF x Near_LoA	-7,736	0,086	0,286
CHR17	9171774	CHR17:9171774	SSF x Near_LoA	-7,946	0,089	0,285
CHR17	9171821	CHR17:9171821	SSF x Near_LoA	-4,493	-0,181	0,273
CHR17	9171867	CHR17:9171867	SSF x Near_LoA	-10,512	-0,014	0,277
CHR17	9216067	CHR17:9216067	SSF x Near_LoA	-9,970	0,044	0,279

CHR17	9232456	CHR17:9232456	SSF x Near_LoA	-5,085	-0,111	0,285
CHR17	9232580	CHR17:9232580	SSF x Near_LoA	-9,011	0,111	0,273
CHR17	9233142	CHR17:9233142	SSF x Near_LoA	-10,612	-0,051	0,283
CHR17	9233855	CHR17:9233855	SSF x Near_LoA	-5,052	0,140	0,297
CHR17	9233859	CHR17:9233859	SSF x Near_LoA	-6,651	0,152	0,281
CHR17	9234789	CHR17:9234789	SSF x Near_LoA	-8,609	0,090	0,294
CHR17	9234795	CHR17:9234795	SSF x Near_LoA	-10,000	-0,061	0,289
CHR17	9234799	CHR17:9234799	SSF x Near_LoA	-7,895	0,024	0,264
CHR17	9234832	CHR17:9234832	SSF x Near_LoA	-8,779	-0,094	0,286
CHR17	9234842	CHR17:9234842	SSF x Near_LoA	-9,495	-0,087	0,296
CHR17	9235869	CHR17:9235869	SSF x Near_LoA	-9,301	0,044	0,294
CHR17	9245691	CHR17:9245691	SSF x Near_LoA	-9,967	0,007	0,277
CHR17	9246672	CHR17:9246672	SSF x Near_LoA	-2,072	0,295	0,260
CHR17	9246706	CHR17:9246706	SSF x Near_LoA	-7,289	-0,140	0,272
CHR17	9252460	CHR17:9252460	SSF x Near_LoA	5,662	-0,063	0,284
CHR17	9252467	CHR17:9252467	SSF x Near_LoA	-8,727	-0,038	0,294
CHR17	9252494	CHR17:9252494	SSF x Near_LoA	-8,468	-0,076	0,301
CHR17	925311	CHR17:925311	SSF x Near_LoA	-5,147	-0,089	0,291
CHR17	9256838	CHR17:9256838	SSF x Near_LoA	-4,607	-0,189	0,284
CHR17	9260669	CHR17:9260669	SSF x Near_LoA	-9,327	-0,020	0,289
CHR17	9260696	CHR17:9260696	SSF x Near_LoA	-5,698	-0,113	0,284
CHR17	9260715	CHR17:9260715	SSF x Near_LoA	-9,539	-0,065	0,297
CHR17	9268172	CHR17:9268172	SSF x Near_LoA	-7,743	-0,050	0,284
CHR17	9268176	CHR17:9268176	SSF x Near_LoA	-7,548	0,018	0,283
CHR17	9268228	CHR17:9268228	SSF x Near_LoA	-7,430	-0,070	0,287
CHR17	9268247	CHR17:9268247	SSF x Near_LoA	-7,408	-0,056	0,296
CHR17	9268270	CHR17:9268270	SSF x Near_LoA	-5,854	-0,019	0,293
CHR17	9268347	CHR17:9268347	SSF x Near_LoA	-6,820	-0,104	0,284
CHR17	9268381	CHR17:9268381	SSF x Near_LoA	-10,096	0,022	0,294
CHR17	9268406	CHR17:9268406	SSF x Near_LoA	-3,083	0,143	0,286
CHR17	9284669	CHR17:9284669	SSF x Near_LoA	-8,225	-0,033	0,283
CHR17	9284750	CHR17:9284750	SSF x Near_LoA	-8,492	-0,058	0,282
CHR17	9290795	CHR17:9290795	SSF x Near_LoA	-9,137	0,040	0,286
CHR17	9297443	CHR17:9297443	SSF x Near_LoA	-8,779	0,055	0,282
CHR17	9297510	CHR17:9297510	SSF x Near_LoA	-7,606	-0,090	0,295
CHR17	9297680	CHR17:9297680	SSF x Near_LoA	-7,589	0,026	0,283
CHR17	9312225	CHR17:9312225	SSF x Near_LoA	-9,260	0,121	0,257
CHR17	9312306	CHR17:9312306	SSF x Near_LoA	-9,579	0,027	0,287
CHR17	9314547	CHR17:9314547	SSF x Near_LoA	-9,279	0,072	0,283
CHR17	9314610	CHR17:9314610	SSF x Near_LoA	-5,812	-0,179	0,290
CHR17	9314628	CHR17:9314628	SSF x Near_LoA	-5,224	-0,192	0,282
CHR17	9314755	CHR17:9314755	SSF x Near_LoA	-7,507	-0,123	0,289
CHR17	9330645	CHR17:9330645	SSF x Near_LoA	-4,604	0,102	0,286
CHR17	933866	CHR17:933866	SSF x Near_LoA	-8,912	-0,065	0,281
CHR17	933876	CHR17:933876	SSF x Near_LoA	-7,278	-0,009	0,292
CHR17	933877	CHR17:933877	SSF x Near_LoA	-7,722	-0,057	0,306
CHR17	9338801	CHR17:9338801	SSF x Near_LoA	-1,420	-0,212	0,289
CHR17	933882	CHR17:933882	SSF x Near_LoA	-9,656	0,057	0,287
CHR17	9338886	CHR17:9338886	SSF x Near_LoA	-4,969	0,161	0,284
CHR17	9338907	CHR17:9338907	SSF x Near_LoA	-9,613	0,087	0,274
CHR17	933894	CHR17:933894	SSF x Near_LoA	-4,410	0,014	0,287
CHR17	933904	CHR17:933904	SSF x Near_LoA	-8,816	0,076	0,295
CHR17	933932	CHR17:933932	SSF x Near_LoA	-8,837	-0,067	0,295

CHR17	933934	CHR17:933934	SSF x Near_LoA	-9,047	0,056	0,295
CHR17	933948	CHR17:933948	SSF x Near_LoA	-9,962	0,026	0,276
CHR17	933968	CHR17:933968	SSF x Near_LoA	-8,324	-0,036	0,293
CHR17	933970	CHR17:933970	SSF x Near_LoA	-9,738	-0,004	0,276
CHR17	933974	CHR17:933974	SSF x Near_LoA	-3,742	-0,024	0,291
CHR17	933994	CHR17:933994	SSF x Near_LoA	-7,340	-0,015	0,288
CHR17	934014	CHR17:934014	SSF x Near_LoA	-7,682	-0,084	0,290
CHR17	934078	CHR17:934078	SSF x Near_LoA	-7,988	0,025	0,297
CHR17	9343406	CHR17:9343406	SSF x Near_LoA	-7,193	-0,108	0,295
CHR17	9343571	CHR17:9343571	SSF x Near_LoA	-9,830	0,080	0,297
CHR17	9343626	CHR17:9343626	SSF x Near_LoA	-3,808	0,141	0,285
CHR17	9343651	CHR17:9343651	SSF x Near_LoA	-5,707	0,057	0,283
CHR17	9343656	CHR17:9343656	SSF x Near_LoA	-4,658	-0,001	0,273
CHR17	9343669	CHR17:9343669	SSF x Near_LoA	-5,633	0,047	0,285
CHR17	9351665	CHR17:9351665	SSF x Near_LoA	-8,201	0,020	0,294
CHR17	9351752	CHR17:9351752	SSF x Near_LoA	2,836	0,262	0,269
CHR17	9351839	CHR17:9351839	SSF x Near_LoA	-9,790	0,058	0,297
CHR17	9356264	CHR17:9356264	SSF x Near_LoA	-9,834	-0,066	0,290
CHR17	9365234	CHR17:9365234	SSF x Near_LoA	-6,941	-0,040	0,288
CHR17	936546	CHR17:936546	SSF x Near_LoA	-6,492	0,063	0,295
CHR17	936581	CHR17:936581	SSF x Near_LoA	-8,045	0,098	0,274
CHR17	936637	CHR17:936637	SSF x Near_LoA	-10,330	0,028	0,280
CHR17	936691	CHR17:936691	SSF x Near_LoA	-6,791	0,067	0,290
CHR17	936752	CHR17:936752	SSF x Near_LoA	-8,587	-0,022	0,287
CHR17	9368207	CHR17:9368207	SSF x Near_LoA	-4,778	-0,180	0,283
CHR17	9386319	CHR17:9386319	SSF x Near_LoA	-9,362	-0,034	0,275
CHR17	9386373	CHR17:9386373	SSF x Near_LoA	-3,048	-0,152	0,284
CHR17	9386386	CHR17:9386386	SSF x Near_LoA	-8,411	0,014	0,277
CHR17	9386437	CHR17:9386437	SSF x Near_LoA	-8,741	-0,049	0,284
CHR17	9386450	CHR17:9386450	SSF x Near_LoA	-8,152	0,042	0,298
CHR17	9386451	CHR17:9386451	SSF x Near_LoA	-7,110	0,095	0,300
CHR17	9386480	CHR17:9386480	SSF x Near_LoA	-8,403	0,071	0,296
CHR17	9386503	CHR17:9386503	SSF x Near_LoA	-7,714	-0,009	0,303
CHR17	9391921	CHR17:9391921	SSF x Near_LoA	-7,219	0,159	0,282
CHR17	9392129	CHR17:9392129	SSF x Near_LoA	-7,788	-0,052	0,297
CHR17	9392135	CHR17:9392135	SSF x Near_LoA	-8,986	-0,077	0,279
CHR17	9392155	CHR17:9392155	SSF x Near_LoA	-7,867	-0,103	0,278
CHR17	9402047	CHR17:9402047	SSF x Near_LoA	-9,760	-0,106	0,279
CHR17	9410981	CHR17:9410981	SSF x Near_LoA	-10,272	0,069	0,290
CHR17	9410988	CHR17:9410988	SSF x Near_LoA	-4,417	0,023	0,290
CHR17	9411221	CHR17:9411221	SSF x Near_LoA	-6,872	0,081	0,290
CHR17	942443	CHR17:942443	SSF x Near_LoA	-7,801	0,109	0,282
CHR17	9426386	CHR17:9426386	SSF x Near_LoA	-7,686	0,098	0,285
CHR17	9426476	CHR17:9426476	SSF x Near_LoA	-7,315	-0,079	0,275
CHR17	9426479	CHR17:9426479	SSF x Near_LoA	-6,893	0,059	0,279
CHR17	942677	CHR17:942677	SSF x Near_LoA	-8,823	0,028	0,307
CHR17	9427743	CHR17:9427743	SSF x Near_LoA	-7,523	0,104	0,284
CHR17	9427772	CHR17:9427772	SSF x Near_LoA	-7,737	0,093	0,295
CHR17	9432933	CHR17:9432933	SSF x Near_LoA	-5,733	0,155	0,291
CHR17	9432939	CHR17:9432939	SSF x Near_LoA	-5,468	0,114	0,283
CHR17	9433058	CHR17:9433058	SSF x Near_LoA	-2,188	0,039	0,290
CHR17	9433133	CHR17:9433133	SSF x Near_LoA	-10,053	0,040	0,280
CHR17	9433151	CHR17:9433151	SSF x Near_LoA	-10,441	-0,034	0,277

CHR17	9433194	CHR17:9433194	SSF x Near_LoA	-6,607	-0,038	0,289
CHR17	9433210	CHR17:9433210	SSF x Near_LoA	-7,432	-0,118	0,298
CHR17	9438682	CHR17:9438682	SSF x Near_LoA	-8,707	-0,042	0,285
CHR17	9438774	CHR17:9438774	SSF x Near_LoA	-8,528	0,037	0,287
CHR17	9438826	CHR17:9438826	SSF x Near_LoA	-6,990	-0,022	0,287
CHR17	9438861	CHR17:9438861	SSF x Near_LoA	-7,035	0,062	0,295
CHR17	9452783	CHR17:9452783	SSF x Near_LoA	-7,733	0,135	0,280
CHR17	9452840	CHR17:9452840	SSF x Near_LoA	-8,759	0,147	0,278
CHR17	9452888	CHR17:9452888	SSF x Near_LoA	-4,280	0,172	0,268
CHR17	9452908	CHR17:9452908	SSF x Near_LoA	-3,372	0,165	0,274
CHR17	9454535	CHR17:9454535	SSF x Near_LoA	-1,733	0,048	0,304
CHR17	9454640	CHR17:9454640	SSF x Near_LoA	-8,423	0,106	0,261
CHR17	9454672	CHR17:9454672	SSF x Near_LoA	-7,491	-0,137	0,275
CHR17	9454766	CHR17:9454766	SSF x Near_LoA	-9,897	0,051	0,285
CHR17	9454791	CHR17:9454791	SSF x Near_LoA	-7,896	-0,047	0,277
CHR17	9465205	CHR17:9465205	SSF x Near_LoA	-7,693	0,024	0,297
CHR17	9470747	CHR17:9470747	SSF x Near_LoA	-10,480	0,028	0,284
CHR17	9470785	CHR17:9470785	SSF x Near_LoA	-7,266	-0,111	0,260
CHR17	9470786	CHR17:9470786	SSF x Near_LoA	-10,614	-0,033	0,278
CHR17	9470788	CHR17:9470788	SSF x Near_LoA	-10,149	0,011	0,292
CHR17	9470813	CHR17:9470813	SSF x Near_LoA	-8,074	-0,040	0,295
CHR17	9470826	CHR17:9470826	SSF x Near_LoA	-8,901	-0,043	0,285
CHR17	9470830	CHR17:9470830	SSF x Near_LoA	-5,848	0,142	0,262
CHR17	9470842	CHR17:9470842	SSF x Near_LoA	-4,098	-0,172	0,278
CHR17	9470860	CHR17:9470860	SSF x Near_LoA	-5,866	-0,056	0,289
CHR17	9470896	CHR17:9470896	SSF x Near_LoA	-7,620	0,066	0,259
CHR17	9470906	CHR17:9470906	SSF x Near_LoA	-9,154	0,091	0,287
CHR17	9470907	CHR17:9470907	SSF x Near_LoA	-6,934	-0,035	0,291
CHR17	9470916	CHR17:9470916	SSF x Near_LoA	-7,563	-0,098	0,282
CHR17	9470932	CHR17:9470932	SSF x Near_LoA	-8,729	-0,087	0,284
CHR17	9471014	CHR17:9471014	SSF x Near_LoA	-7,030	-0,079	0,293
CHR17	9471031	CHR17:9471031	SSF x Near_LoA	-7,988	-0,135	0,272
CHR17	9471095	CHR17:9471095	SSF x Near_LoA	-8,642	-0,057	0,289
CHR17	9487543	CHR17:9487543	SSF x Near_LoA	-6,974	-0,040	0,294
CHR17	9487600	CHR17:9487600	SSF x Near_LoA	-7,894	-0,071	0,291
CHR17	9487611	CHR17:9487611	SSF x Near_LoA	-7,647	0,135	0,289
CHR17	9487619	CHR17:9487619	SSF x Near_LoA	-7,677	0,132	0,282
CHR17	9487620	CHR17:9487620	SSF x Near_LoA	-8,266	0,071	0,284
CHR17	9487707	CHR17:9487707	SSF x Near_LoA	-10,116	-0,044	0,283
CHR17	9488673	CHR17:9488673	SSF x Near_LoA	-6,954	-0,036	0,289
CHR17	9488936	CHR17:9488936	SSF x Near_LoA	-8,385	0,011	0,284
CHR17	9488959	CHR17:9488959	SSF x Near_LoA	-8,722	-0,049	0,281
CHR17	9488976	CHR17:9488976	SSF x Near_LoA	-8,635	0,078	0,276
CHR17	9500686	CHR17:9500686	SSF x Near_LoA	-4,957	0,031	0,289
CHR17	9502926	CHR17:9502926	SSF x Near_LoA	-7,480	-0,053	0,291
CHR17	9503002	CHR17:9503002	SSF x Near_LoA	-6,299	-0,139	0,274
CHR17	9503024	CHR17:9503024	SSF x Near_LoA	-9,275	-0,128	0,290
CHR17	9518160	CHR17:9518160	SSF x Near_LoA	-7,948	-0,021	0,287
CHR17	9518214	CHR17:9518214	SSF x Near_LoA	-8,212	0,016	0,301
CHR17	9522991	CHR17:9522991	SSF x Near_LoA	0,428	-0,232	0,286
CHR17	9524208	CHR17:9524208	SSF x Near_LoA	-6,755	-0,052	0,274
CHR17	9524223	CHR17:9524223	SSF x Near_LoA	-1,593	-0,190	0,266
CHR17	9524285	CHR17:9524285	SSF x Near_LoA	-1,602	0,270	0,269

CHR17	9524296	CHR17:9524296	SSF x Near_LoA	-5,379	0,018	0,290
CHR17	9524349	CHR17:9524349	SSF x Near_LoA	-2,284	0,292	0,252
CHR17	9531572	CHR17:9531572	SSF x Near_LoA	-7,602	-0,143	0,292
CHR17	9531645	CHR17:9531645	SSF x Near_LoA	-10,429	-0,060	0,287
CHR17	9531653	CHR17:9531653	SSF x Near_LoA	-7,905	-0,005	0,292
CHR17	9531700	CHR17:9531700	SSF x Near_LoA	-7,589	0,142	0,274
CHR17	9531706	CHR17:9531706	SSF x Near_LoA	-4,841	0,161	0,272
CHR17	9531712	CHR17:9531712	SSF x Near_LoA	-7,099	-0,139	0,271
CHR17	9531736	CHR17:9531736	SSF x Near_LoA	-9,972	-0,013	0,275
CHR17	9531760	CHR17:9531760	SSF x Near_LoA	-7,649	-0,142	0,274
CHR17	9539480	CHR17:9539480	SSF x Near_LoA	-6,061	0,108	0,293
CHR17	9539516	CHR17:9539516	SSF x Near_LoA	-10,293	0,054	0,295
CHR17	9539539	CHR17:9539539	SSF x Near_LoA	-8,782	0,059	0,287
CHR17	9539543	CHR17:9539543	SSF x Near_LoA	-8,699	0,084	0,304
CHR17	9539549	CHR17:9539549	SSF x Near_LoA	2,579	-0,138	0,268
CHR17	954299	CHR17:954299	SSF x Near_LoA	-4,007	-0,192	0,284
CHR17	954323	CHR17:954323	SSF x Near_LoA	-8,037	-0,010	0,281
CHR17	954356	CHR17:954356	SSF x Near_LoA	-5,150	0,094	0,291
CHR17	9543804	CHR17:9543804	SSF x Near_LoA	-8,316	0,039	0,286
CHR17	9543806	CHR17:9543806	SSF x Near_LoA	-9,254	0,035	0,288
CHR17	9543855	CHR17:9543855	SSF x Near_LoA	-9,043	-0,117	0,285
CHR17	9543885	CHR17:9543885	SSF x Near_LoA	-9,261	0,029	0,309
CHR17	9543958	CHR17:9543958	SSF x Near_LoA	-9,540	0,110	0,277
CHR17	9548318	CHR17:9548318	SSF x Near_LoA	-6,397	0,006	0,288
CHR17	9548331	CHR17:9548331	SSF x Near_LoA	-8,223	0,009	0,279
CHR17	9548344	CHR17:9548344	SSF x Near_LoA	-9,281	-0,019	0,280
CHR17	9563355	CHR17:9563355	SSF x Near_LoA	-3,388	0,147	0,274
CHR17	9563373	CHR17:9563373	SSF x Near_LoA	-9,159	0,024	0,288
CHR17	9563997	CHR17:9563997	SSF x Near_LoA	-8,375	-0,094	0,284
CHR17	9564005	CHR17:9564005	SSF x Near_LoA	-8,726	-0,066	0,283
CHR17	9564006	CHR17:9564006	SSF x Near_LoA	-10,377	-0,053	0,290
CHR17	9564119	CHR17:9564119	SSF x Near_LoA	-5,465	0,150	0,270
CHR17	9573913	CHR17:9573913	SSF x Near_LoA	5,934	-0,069	0,299
CHR17	9588816	CHR17:9588816	SSF x Near_LoA	-0,098	-0,132	0,290
CHR17	9588853	CHR17:9588853	SSF x Near_LoA	-9,635	0,014	0,282
CHR17	9588854	CHR17:9588854	SSF x Near_LoA	-6,297	-0,042	0,300
CHR17	9588898	CHR17:9588898	SSF x Near_LoA	-9,276	0,020	0,289
CHR17	9588921	CHR17:9588921	SSF x Near_LoA	-6,817	-0,147	0,285
CHR17	9588986	CHR17:9588986	SSF x Near_LoA	-7,019	-0,021	0,310
CHR17	9588987	CHR17:9588987	SSF x Near_LoA	-6,168	-0,040	0,293
CHR17	9598781	CHR17:9598781	SSF x Near_LoA	-7,957	-0,125	0,285
CHR17	9598802	CHR17:9598802	SSF x Near_LoA	-5,431	-0,155	0,287
CHR17	9600352	CHR17:9600352	SSF x Near_LoA	-7,653	0,074	0,285
CHR17	9600370	CHR17:9600370	SSF x Near_LoA	-6,515	0,134	0,291
CHR17	9600456	CHR17:9600456	SSF x Near_LoA	-7,577	-0,064	0,292
CHR17	9605610	CHR17:9605610	SSF x Near_LoA	-10,620	0,045	0,273
CHR17	9605651	CHR17:9605651	SSF x Near_LoA	-2,831	-0,170	0,291
CHR17	9605739	CHR17:9605739	SSF x Near_LoA	-5,600	-0,138	0,286
CHR17	9605796	CHR17:9605796	SSF x Near_LoA	-8,070	-0,040	0,273
CHR17	9608835	CHR17:9608835	SSF x Near_LoA	-1,518	-0,250	0,271
CHR17	9608862	CHR17:9608862	SSF x Near_LoA	-4,311	-0,263	0,267
CHR17	9608900	CHR17:9608900	SSF x Near_LoA	-6,934	0,082	0,300
CHR17	9609174	CHR17:9609174	SSF x Near_LoA	-4,610	-0,217	0,281

CHR17	9609213	CHR17:9609213	SSF x Near_LoA	-7,548	0,038	0,288
CHR17	9609250	CHR17:9609250	SSF x Near_LoA	-7,665	0,056	0,299
CHR17	9609340	CHR17:9609340	SSF x Near_LoA	-5,395	0,219	0,273
CHR17	963640	CHR17:963640	SSF x Near_LoA	-7,031	0,152	0,278
CHR17	963666	CHR17:963666	SSF x Near_LoA	-6,416	-0,066	0,272
CHR17	963715	CHR17:963715	SSF x Near_LoA	-9,960	0,019	0,281
CHR17	963724	CHR17:963724	SSF x Near_LoA	-3,919	-0,188	0,267
CHR17	9653244	CHR17:9653244	SSF x Near_LoA	-7,870	-0,114	0,299
CHR17	9653281	CHR17:9653281	SSF x Near_LoA	-7,460	-0,098	0,272
CHR17	9658999	CHR17:9658999	SSF x Near_LoA	-7,584	0,081	0,283
CHR17	9659035	CHR17:9659035	SSF x Near_LoA	-7,768	0,029	0,296
CHR17	9659040	CHR17:9659040	SSF x Near_LoA	-9,831	0,078	0,289
CHR17	9659052	CHR17:9659052	SSF x Near_LoA	-10,208	0,016	0,298
CHR17	9659114	CHR17:9659114	SSF x Near_LoA	-7,331	0,012	0,295
CHR17	9659162	CHR17:9659162	SSF x Near_LoA	-9,580	0,017	0,280
CHR17	9659179	CHR17:9659179	SSF x Near_LoA	-8,220	-0,061	0,292
CHR17	9659196	CHR17:9659196	SSF x Near_LoA	-7,035	0,053	0,299
CHR17	9659210	CHR17:9659210	SSF x Near_LoA	-8,505	0,043	0,298
CHR17	9661223	CHR17:9661223	SSF x Near_LoA	-6,673	0,100	0,268
CHR17	9661244	CHR17:9661244	SSF x Near_LoA	-9,659	-0,027	0,296
CHR17	9661328	CHR17:9661328	SSF x Near_LoA	-9,276	-0,059	0,279
CHR17	9662358	CHR17:9662358	SSF x Near_LoA	-7,474	-0,137	0,287
CHR17	9671063	CHR17:9671063	SSF x Near_LoA	-9,354	0,105	0,288
CHR17	9671100	CHR17:9671100	SSF x Near_LoA	-8,073	-0,045	0,275
CHR17	9671121	CHR17:9671121	SSF x Near_LoA	-8,990	-0,018	0,276
CHR17	9671139	CHR17:9671139	SSF x Near_LoA	-9,678	0,057	0,287
CHR17	9671233	CHR17:9671233	SSF x Near_LoA	-7,931	0,012	0,291
CHR17	968130	CHR17:968130	SSF x Near_LoA	-5,596	-0,021	0,307
CHR17	968190	CHR17:968190	SSF x Near_LoA	-7,579	0,038	0,301
CHR17	968219	CHR17:968219	SSF x Near_LoA	0,928	-0,258	0,265
CHR17	9683392	CHR17:9683392	SSF x Near_LoA	-8,228	-0,050	0,284
CHR17	9683428	CHR17:9683428	SSF x Near_LoA	-7,914	-0,078	0,292
CHR17	9683441	CHR17:9683441	SSF x Near_LoA	-7,946	-0,082	0,286
CHR17	9683451	CHR17:9683451	SSF x Near_LoA	-9,823	-0,024	0,291
CHR17	9683553	CHR17:9683553	SSF x Near_LoA	-7,219	0,090	0,272
CHR17	968521	CHR17:968521	SSF x Near_LoA	-8,258	-0,029	0,274
CHR17	968536	CHR17:968536	SSF x Near_LoA	-3,416	-0,195	0,269
CHR17	968564	CHR17:968564	SSF x Near_LoA	-7,394	-0,155	0,271
CHR17	968620	CHR17:968620	SSF x Near_LoA	-10,578	-0,028	0,275
CHR17	9689711	CHR17:9689711	SSF x Near_LoA	-6,786	-0,150	0,281
CHR17	9689718	CHR17:9689718	SSF x Near_LoA	-7,540	-0,049	0,291
CHR17	9689785	CHR17:9689785	SSF x Near_LoA	-4,089	0,140	0,276
CHR17	9689799	CHR17:9689799	SSF x Near_LoA	-2,567	-0,185	0,270
CHR17	9689838	CHR17:9689838	SSF x Near_LoA	-7,601	-0,024	0,283
CHR17	9689863	CHR17:9689863	SSF x Near_LoA	-9,204	0,028	0,288
CHR17	9690010	CHR17:9690010	SSF x Near_LoA	-8,566	-0,060	0,301
CHR17	9693963	CHR17:9693963	SSF x Near_LoA	-7,286	-0,108	0,285
CHR17	9693964	CHR17:9693964	SSF x Near_LoA	-9,169	-0,079	0,274
CHR17	9693978	CHR17:9693978	SSF x Near_LoA	-6,299	-0,014	0,294
CHR17	9693989	CHR17:9693989	SSF x Near_LoA	-9,517	-0,062	0,302
CHR17	9694051	CHR17:9694051	SSF x Near_LoA	-7,746	0,138	0,288
CHR17	9694086	CHR17:9694086	SSF x Near_LoA	-9,408	-0,103	0,289
CHR17	9694148	CHR17:9694148	SSF x Near_LoA	-7,738	-0,076	0,283

CHR17	9707829	CHR17:9707829	SSF x Near_LoA	-3,022	-0,217	0,275
CHR17	9707951	CHR17:9707951	SSF x Near_LoA	-5,706	0,162	0,285
CHR17	9707973	CHR17:9707973	SSF x Near_LoA	-8,941	-0,123	0,280
CHR17	9708010	CHR17:9708010	SSF x Near_LoA	-8,647	-0,032	0,298
CHR17	9708309	CHR17:9708309	SSF x Near_LoA	-9,441	-0,030	0,283
CHR17	9717117	CHR17:9717117	SSF x Near_LoA	-6,982	-0,138	0,282
CHR17	9717130	CHR17:9717130	SSF x Near_LoA	-8,517	0,057	0,272
CHR17	9717222	CHR17:9717222	SSF x Near_LoA	-8,935	-0,038	0,284
CHR17	9717223	CHR17:9717223	SSF x Near_LoA	-9,460	-0,046	0,283
CHR17	9717233	CHR17:9717233	SSF x Near_LoA	-8,360	0,048	0,286
CHR17	9717254	CHR17:9717254	SSF x Near_LoA	-4,662	0,123	0,292
CHR17	9717272	CHR17:9717272	SSF x Near_LoA	-9,097	0,028	0,288
CHR17	9717281	CHR17:9717281	SSF x Near_LoA	-8,540	-0,020	0,282
CHR17	9717383	CHR17:9717383	SSF x Near_LoA	-7,671	-0,143	0,297
CHR17	9717390	CHR17:9717390	SSF x Near_LoA	-7,720	-0,051	0,292
CHR17	9717392	CHR17:9717392	SSF x Near_LoA	-7,831	-0,083	0,292
CHR17	9734771	CHR17:9734771	SSF x Near_LoA	-7,102	-0,165	0,286
CHR17	9734788	CHR17:9734788	SSF x Near_LoA	-4,229	-0,134	0,284
CHR17	9734811	CHR17:9734811	SSF x Near_LoA	-9,848	-0,096	0,291
CHR17	9734838	CHR17:9734838	SSF x Near_LoA	-5,483	0,001	0,292
CHR17	9734866	CHR17:9734866	SSF x Near_LoA	-9,203	0,023	0,287
CHR17	9735210	CHR17:9735210	SSF x Near_LoA	-7,646	0,110	0,302
CHR17	9737379	CHR17:9737379	SSF x Near_LoA	-9,272	0,005	0,283
CHR17	9737387	CHR17:9737387	SSF x Near_LoA	-8,046	0,053	0,274
CHR17	9738234	CHR17:9738234	SSF x Near_LoA	-0,005	-0,021	0,285
CHR17	9742010	CHR17:9742010	SSF x Near_LoA	-9,971	-0,078	0,276
CHR17	9744247	CHR17:9744247	SSF x Near_LoA	-9,740	0,058	0,279
CHR17	9744257	CHR17:9744257	SSF x Near_LoA	-9,532	0,030	0,294
CHR17	9744372	CHR17:9744372	SSF x Near_LoA	-5,835	-0,078	0,317
CHR17	9744431	CHR17:9744431	SSF x Near_LoA	-3,827	0,248	0,265
CHR17	9746832	CHR17:9746832	SSF x Near_LoA	-7,279	-0,033	0,282
CHR17	9746873	CHR17:9746873	SSF x Near_LoA	-9,284	0,017	0,281
CHR17	9746956	CHR17:9746956	SSF x Near_LoA	-6,490	0,049	0,295
CHR17	9765054	CHR17:9765054	SSF x Near_LoA	-5,950	-0,045	0,301
CHR17	9767762	CHR17:9767762	SSF x Near_LoA	-8,701	0,064	0,283
CHR17	9767788	CHR17:9767788	SSF x Near_LoA	-7,995	-0,003	0,277
CHR17	9767824	CHR17:9767824	SSF x Near_LoA	-7,802	-0,102	0,270
CHR17	9767869	CHR17:9767869	SSF x Near_LoA	-7,505	0,016	0,281
CHR17	9767930	CHR17:9767930	SSF x Near_LoA	-8,836	-0,042	0,276
CHR17	9773007	CHR17:9773007	SSF x Near_LoA	-6,741	-0,067	0,290
CHR17	9773159	CHR17:9773159	SSF x Near_LoA	-6,580	0,151	0,285
CHR17	9773164	CHR17:9773164	SSF x Near_LoA	-6,292	-0,156	0,296
CHR17	9773210	CHR17:9773210	SSF x Near_LoA	-6,959	-0,189	0,290
CHR17	9773234	CHR17:9773234	SSF x Near_LoA	-7,519	0,001	0,285
CHR17	9773235	CHR17:9773235	SSF x Near_LoA	-6,419	-0,032	0,280
CHR17	9773240	CHR17:9773240	SSF x Near_LoA	-5,810	0,098	0,281
CHR17	9773294	CHR17:9773294	SSF x Near_LoA	-7,300	0,001	0,284
CHR17	9773297	CHR17:9773297	SSF x Near_LoA	-10,207	0,015	0,289
CHR17	9773298	CHR17:9773298	SSF x Near_LoA	-4,737	-0,111	0,289
CHR17	9774399	CHR17:9774399	SSF x Near_LoA	-7,741	-0,143	0,278
CHR17	9774427	CHR17:9774427	SSF x Near_LoA	-6,620	0,123	0,288
CHR17	9774530	CHR17:9774530	SSF x Near_LoA	-8,115	-0,103	0,279
CHR17	9774538	CHR17:9774538	SSF x Near_LoA	-5,654	-0,150	0,283

CHR17	9774566	CHR17:9774566	SSF x Near_LoA	-10,535	0,057	0,278
CHR17	9778229	CHR17:9778229	SSF x Near_LoA	-10,073	-0,060	0,284
CHR17	9797958	CHR17:9797958	SSF x Near_LoA	-3,346	0,165	0,294
CHR17	9798150	CHR17:9798150	SSF x Near_LoA	-8,306	-0,034	0,284
CHR17	9802033	CHR17:9802033	SSF x Near_LoA	-8,424	-0,016	0,297
CHR17	9802167	CHR17:9802167	SSF x Near_LoA	-9,110	-0,036	0,276
CHR17	9820578	CHR17:9820578	SSF x Near_LoA	-9,947	0,046	0,275
CHR17	9820647	CHR17:9820647	SSF x Near_LoA	-7,907	-0,109	0,287
CHR17	9820812	CHR17:9820812	SSF x Near_LoA	-7,699	-0,063	0,297
CHR17	983521	CHR17:983521	SSF x Near_LoA	-9,552	-0,021	0,295
CHR17	983574	CHR17:983574	SSF x Near_LoA	-7,102	0,028	0,288
CHR17	983596	CHR17:983596	SSF x Near_LoA	-9,561	0,061	0,294
CHR17	983679	CHR17:983679	SSF x Near_LoA	-7,402	-0,030	0,279
CHR17	983719	CHR17:983719	SSF x Near_LoA	-7,518	0,067	0,292
CHR17	983746	CHR17:983746	SSF x Near_LoA	-6,523	0,000	0,260
CHR17	9838898	CHR17:9838898	SSF x Near_LoA	-7,520	0,086	0,283
CHR17	9839060	CHR17:9839060	SSF x Near_LoA	-6,986	-0,079	0,278
CHR17	9839101	CHR17:9839101	SSF x Near_LoA	-8,199	-0,113	0,274
CHR17	9839112	CHR17:9839112	SSF x Near_LoA	-8,399	-0,090	0,290
CHR17	9839223	CHR17:9839223	SSF x Near_LoA	-7,761	-0,039	0,269
CHR17	9841011	CHR17:9841011	SSF x Near_LoA	-3,709	-0,237	0,279
CHR17	9841258	CHR17:9841258	SSF x Near_LoA	-5,679	-0,187	0,272
CHR17	9841269	CHR17:9841269	SSF x Near_LoA	-9,312	0,031	0,281
CHR17	9841296	CHR17:9841296	SSF x Near_LoA	-4,747	-0,109	0,285
CHR17	9844017	CHR17:9844017	SSF x Near_LoA	-8,804	-0,105	0,289
CHR17	9844023	CHR17:9844023	SSF x Near_LoA	-8,514	-0,122	0,286
CHR17	9844170	CHR17:9844170	SSF x Near_LoA	-8,210	-0,017	0,280
CHR17	9848036	CHR17:9848036	SSF x Near_LoA	-8,670	-0,007	0,285
CHR17	9848078	CHR17:9848078	SSF x Near_LoA	-8,366	0,095	0,273
CHR17	9848092	CHR17:9848092	SSF x Near_LoA	-8,341	0,001	0,290
CHR17	9848119	CHR17:9848119	SSF x Near_LoA	-6,592	0,132	0,283
CHR17	9848183	CHR17:9848183	SSF x Near_LoA	-9,172	0,103	0,285
CHR17	9848191	CHR17:9848191	SSF x Near_LoA	-6,907	-0,001	0,293
CHR17	9848223	CHR17:9848223	SSF x Near_LoA	-7,926	-0,013	0,287
CHR17	9848305	CHR17:9848305	SSF x Near_LoA	-8,403	0,107	0,279
CHR17	9848308	CHR17:9848308	SSF x Near_LoA	-8,870	-0,092	0,284
CHR17	9854518	CHR17:9854518	SSF x Near_LoA	-4,180	0,123	0,273
CHR17	9854523	CHR17:9854523	SSF x Near_LoA	-6,410	0,113	0,274
CHR17	9854529	CHR17:9854529	SSF x Near_LoA	-9,770	0,107	0,265
CHR17	9854550	CHR17:9854550	SSF x Near_LoA	-8,789	0,055	0,273
CHR17	9854581	CHR17:9854581	SSF x Near_LoA	-1,563	-0,190	0,273
CHR17	9854596	CHR17:9854596	SSF x Near_LoA	-7,907	-0,123	0,276
CHR17	9854614	CHR17:9854614	SSF x Near_LoA	-6,964	-0,099	0,279
CHR17	9854655	CHR17:9854655	SSF x Near_LoA	-9,958	0,065	0,298
CHR17	9854702	CHR17:9854702	SSF x Near_LoA	-6,393	-0,160	0,285
CHR17	9861384	CHR17:9861384	SSF x Near_LoA	-6,345	0,177	0,270
CHR17	9862314	CHR17:9862314	SSF x Near_LoA	-9,713	0,093	0,288
CHR17	9862329	CHR17:9862329	SSF x Near_LoA	-7,428	-0,092	0,290
CHR17	986433	CHR17:986433	SSF x Near_LoA	-7,749	-0,017	0,285
CHR17	986466	CHR17:986466	SSF x Near_LoA	4,379	0,256	0,272
CHR17	986468	CHR17:986468	SSF x Near_LoA	-10,246	0,026	0,279
CHR17	986487	CHR17:986487	SSF x Near_LoA	-7,440	-0,059	0,290
CHR17	986643	CHR17:986643	SSF x Near_LoA	-7,336	0,118	0,284

CHR17	986696	CHR17:986696	SSF x Near_LoA	-4,807	0,096	0,296
CHR17	986702	CHR17:986702	SSF x Near_LoA	-7,332	-0,139	0,276
CHR17	986706	CHR17:986706	SSF x Near_LoA	-9,004	-0,017	0,283
CHR17	9870621	CHR17:9870621	SSF x Near_LoA	-1,904	0,278	0,260
CHR17	9888675	CHR17:9888675	SSF x Near_LoA	-5,417	-0,090	0,286
CHR17	9888730	CHR17:9888730	SSF x Near_LoA	-8,900	0,039	0,301
CHR17	9888850	CHR17:9888850	SSF x Near_LoA	-10,559	0,024	0,278
CHR17	9888856	CHR17:9888856	SSF x Near_LoA	-10,293	-0,143	0,284
CHR17	9888948	CHR17:9888948	SSF x Near_LoA	5,527	0,303	0,277
CHR17	9892108	CHR17:9892108	SSF x Near_LoA	-8,111	-0,006	0,305
CHR17	9892153	CHR17:9892153	SSF x Near_LoA	-9,546	0,020	0,286
CHR17	9892185	CHR17:9892185	SSF x Near_LoA	-7,756	0,019	0,273
CHR17	9892318	CHR17:9892318	SSF x Near_LoA	-8,417	-0,097	0,292
CHR17	9892324	CHR17:9892324	SSF x Near_LoA	-9,293	0,002	0,288
CHR17	9892326	CHR17:9892326	SSF x Near_LoA	-6,319	-0,092	0,282
CHR17	9892339	CHR17:9892339	SSF x Near_LoA	-9,099	0,055	0,289
CHR17	9892341	CHR17:9892341	SSF x Near_LoA	-9,023	-0,051	0,298
CHR17	9892386	CHR17:9892386	SSF x Near_LoA	-6,484	0,095	0,293
CHR17	9892393	CHR17:9892393	SSF x Near_LoA	-7,748	-0,109	0,283
CHR17	9892410	CHR17:9892410	SSF x Near_LoA	-4,475	0,214	0,284
CHR17	9892411	CHR17:9892411	SSF x Near_LoA	-2,311	0,214	0,286
CHR17	990852	CHR17:990852	SSF x Near_LoA	-7,186	0,044	0,277
CHR17	990970	CHR17:990970	SSF x Near_LoA	-7,963	-0,025	0,286
CHR17	990982	CHR17:990982	SSF x Near_LoA	-9,330	0,057	0,278
CHR17	991027	CHR17:991027	SSF x Near_LoA	-7,219	-0,058	0,293
CHR17	991030	CHR17:991030	SSF x Near_LoA	-7,088	-0,054	0,285
CHR17	991049	CHR17:991049	SSF x Near_LoA	-9,073	0,099	0,281
CHR17	991053	CHR17:991053	SSF x Near_LoA	-7,028	0,100	0,270
CHR17	9924088	CHR17:9924088	SSF x Near_LoA	-7,711	-0,013	0,278
CHR17	9924143	CHR17:9924143	SSF x Near_LoA	-8,222	-0,083	0,303
CHR17	9924157	CHR17:9924157	SSF x Near_LoA	-8,796	0,053	0,280
CHR17	9924205	CHR17:9924205	SSF x Near_LoA	-5,388	0,134	0,274
CHR17	9924212	CHR17:9924212	SSF x Near_LoA	-4,805	-0,057	0,283
CHR17	9924263	CHR17:9924263	SSF x Near_LoA	-8,170	0,006	0,299
CHR17	9924274	CHR17:9924274	SSF x Near_LoA	-5,887	-0,035	0,268
CHR17	9936632	CHR17:9936632	SSF x Near_LoA	-8,604	-0,008	0,285
CHR17	9936723	CHR17:9936723	SSF x Near_LoA	-5,034	-0,147	0,281
CHR17	9938565	CHR17:9938565	SSF x Near_LoA	-11,050	-0,027	0,287
CHR17	9941917	CHR17:9941917	SSF x Near_LoA	-9,427	-0,087	0,277
CHR17	9941989	CHR17:9941989	SSF x Near_LoA	-9,263	-0,095	0,291
CHR17	9942021	CHR17:9942021	SSF x Near_LoA	-8,900	0,004	0,288
CHR17	9942159	CHR17:9942159	SSF x Near_LoA	-8,127	0,142	0,283
CHR17	9942221	CHR17:9942221	SSF x Near_LoA	-8,432	0,024	0,279
CHR17	9942289	CHR17:9942289	SSF x Near_LoA	-9,501	0,064	0,294
CHR17	997262	CHR17:997262	SSF x Near_LoA	-9,856	-0,047	0,295
CHR17	997460	CHR17:997460	SSF x Near_LoA	-8,676	-0,147	0,267
CHR17	9979945	CHR17:9979945	SSF x Near_LoA	-6,056	-0,189	0,250
CHR17	9980069	CHR17:9980069	SSF x Near_LoA	-6,100	0,050	0,294
CHR17	9980075	CHR17:9980075	SSF x Near_LoA	-9,660	0,083	0,288
CHR17	9980108	CHR17:9980108	SSF x Near_LoA	-9,786	-0,046	0,284
CHR17	9980261	CHR17:9980261	SSF x Near_LoA	-8,031	0,111	0,284
CHR17	9980292	CHR17:9980292	SSF x Near_LoA	-5,589	0,127	0,297
CHR17	9983158	CHR17:9983158	SSF x Near_LoA	-9,164	0,064	0,293

CHR17	9983274	CHR17:9983274	SSF x Near_LoA	-8,666	0,018	0,287
CHR17	9983277	CHR17:9983277	SSF x Near_LoA	-8,606	0,127	0,302
CHR17	9985366	CHR17:9985366	SSF x Near_LoA	-7,215	-0,024	0,292
CHR17	9985525	CHR17:9985525	SSF x Near_LoA	-9,282	-0,009	0,293
CHR17	9985555	CHR17:9985555	SSF x Near_LoA	-7,528	-0,104	0,295
CHR17	9985582	CHR17:9985582	SSF x Near_LoA	-9,066	-0,124	0,279
CHR18	1798960	CHR18:1798960	SSF x Near_LoA	-7,123	-0,024	0,280
CHR18	1799076	CHR18:1799076	SSF x Near_LoA	-3,185	0,076	0,287
CHR18	1836964	CHR18:1836964	SSF x Near_LoA	-7,500	-0,032	0,289
CHR18	1837008	CHR18:1837008	SSF x Near_LoA	-9,859	0,067	0,290
CHR18	1837012	CHR18:1837012	SSF x Near_LoA	-7,598	0,017	0,303
CHR18	1839330	CHR18:1839330	SSF x Near_LoA	-7,308	-0,026	0,282
CHR18	1850813	CHR18:1850813	SSF x Near_LoA	-5,289	0,055	0,293
CHR18	1851102	CHR18:1851102	SSF x Near_LoA	-8,542	0,044	0,293
CHR18	1851166	CHR18:1851166	SSF x Near_LoA	-7,247	-0,022	0,301
CHR18	1852316	CHR18:1852316	SSF x Near_LoA	-8,067	-0,073	0,284
CHR18	1854174	CHR18:1854174	SSF x Near_LoA	-10,378	-0,010	0,292
CHR18	1854279	CHR18:1854279	SSF x Near_LoA	-9,382	-0,034	0,274
CHR18	1859229	CHR18:1859229	SSF x Near_LoA	-10,672	-0,009	0,289
CHR18	1859263	CHR18:1859263	SSF x Near_LoA	-8,277	0,009	0,274
CHR18	1864277	CHR18:1864277	SSF x Near_LoA	-8,684	0,031	0,290
CHR18	1864491	CHR18:1864491	SSF x Near_LoA	-4,996	0,098	0,281
CHR18	1864530	CHR18:1864530	SSF x Near_LoA	-9,545	-0,068	0,283
CHR18	1869515	CHR18:1869515	SSF x Near_LoA	-6,409	-0,156	0,291
CHR18	1869520	CHR18:1869520	SSF x Near_LoA	-6,866	-0,010	0,295
CHR18	1873351	CHR18:1873351	SSF x Near_LoA	-7,223	0,014	0,292
CHR18	1873472	CHR18:1873472	SSF x Near_LoA	-7,206	-0,102	0,294
CHR18	1880196	CHR18:1880196	SSF x Near_LoA	-8,278	-0,048	0,296
CHR18	1892554	CHR18:1892554	SSF x Near_LoA	-10,290	0,020	0,295
CHR18	1892663	CHR18:1892663	SSF x Near_LoA	-5,587	0,126	0,284
CHR18	1892771	CHR18:1892771	SSF x Near_LoA	-6,724	0,046	0,292
CHR18	1894007	CHR18:1894007	SSF x Near_LoA	-7,716	0,023	0,288
CHR18	1894212	CHR18:1894212	SSF x Near_LoA	-9,762	-0,066	0,287
CHR18	1894277	CHR18:1894277	SSF x Near_LoA	-6,052	-0,022	0,293
CHR18	1895050	CHR18:1895050	SSF x Near_LoA	-7,738	-0,161	0,283
CHR18	1895060	CHR18:1895060	SSF x Near_LoA	-5,449	0,201	0,283
CHR18	1895093	CHR18:1895093	SSF x Near_LoA	-8,832	-0,009	0,283
CHR18	1895114	CHR18:1895114	SSF x Near_LoA	-6,702	0,188	0,280
CHR18	1895169	CHR18:1895169	SSF x Near_LoA	-5,556	0,145	0,280
CHR18	1897821	CHR18:1897821	SSF x Near_LoA	-8,256	0,099	0,293
CHR18	1897877	CHR18:1897877	SSF x Near_LoA	-5,631	-0,093	0,287
CHR18	1897954	CHR18:1897954	SSF x Near_LoA	-0,282	-0,144	0,286
CHR18	1898015	CHR18:1898015	SSF x Near_LoA	-4,412	0,089	0,296
CHR18	1898016	CHR18:1898016	SSF x Near_LoA	-7,627	0,074	0,283
CHR18	1922780	CHR18:1922780	SSF x Near_LoA	10,633	-0,235	0,274
CHR18	1923204	CHR18:1923204	SSF x Near_LoA	-8,193	0,127	0,285
CHR18	1926757	CHR18:1926757	SSF x Near_LoA	-8,767	-0,090	0,281
CHR18	1926782	CHR18:1926782	SSF x Near_LoA	-10,060	-0,011	0,279
CHR18	1926895	CHR18:1926895	SSF x Near_LoA	-8,180	-0,066	0,278
CHR18	1936045	CHR18:1936045	SSF x Near_LoA	-9,697	-0,100	0,285
CHR18	1936118	CHR18:1936118	SSF x Near_LoA	-8,139	0,119	0,286
CHR18	1942272	CHR18:1942272	SSF x Near_LoA	-8,235	-0,105	0,283
CHR18	1942329	CHR18:1942329	SSF x Near_LoA	-8,367	0,125	0,277

CHR18	1942363	CHR18:1942363	SSF x Near_LoA	-3,156	0,170	0,300
CHR18	1942402	CHR18:1942402	SSF x Near_LoA	-8,325	-0,112	0,269
CHR18	1960643	CHR18:1960643	SSF x Near_LoA	-8,374	-0,134	0,293
CHR18	1960652	CHR18:1960652	SSF x Near_LoA	-10,097	0,012	0,281
CHR18	1960761	CHR18:1960761	SSF x Near_LoA	-7,508	0,000	0,282
CHR18	1960763	CHR18:1960763	SSF x Near_LoA	-7,258	0,089	0,283
CHR18	1969822	CHR18:1969822	SSF x Near_LoA	-8,478	-0,011	0,275
CHR18	1969830	CHR18:1969830	SSF x Near_LoA	-10,203	0,066	0,281
CHR18	1969832	CHR18:1969832	SSF x Near_LoA	-7,942	-0,049	0,287
CHR18	1969845	CHR18:1969845	SSF x Near_LoA	-9,002	0,152	0,273
CHR18	1969919	CHR18:1969919	SSF x Near_LoA	-8,034	0,157	0,273
CHR18	1969985	CHR18:1969985	SSF x Near_LoA	-9,330	0,008	0,284
CHR18	1970002	CHR18:1970002	SSF x Near_LoA	-9,040	-0,112	0,271
CHR18	1970081	CHR18:1970081	SSF x Near_LoA	-7,058	0,084	0,279
CHR18	1975309	CHR18:1975309	SSF x Near_LoA	-8,598	0,081	0,295
CHR18	1981459	CHR18:1981459	SSF x Near_LoA	-9,377	-0,063	0,288
CHR18	1988379	CHR18:1988379	SSF x Near_LoA	-6,885	0,115	0,271
CHR18	1988423	CHR18:1988423	SSF x Near_LoA	-7,483	0,111	0,284
CHR18	1988426	CHR18:1988426	SSF x Near_LoA	-8,454	-0,047	0,292
CHR18	1988448	CHR18:1988448	SSF x Near_LoA	-7,192	0,041	0,299
CHR18	1992675	CHR18:1992675	SSF x Near_LoA	-7,782	0,088	0,299
CHR18	1992850	CHR18:1992850	SSF x Near_LoA	-8,373	-0,039	0,271
CHR18	1992895	CHR18:1992895	SSF x Near_LoA	-8,212	0,033	0,287
CHR18	2009793	CHR18:2009793	SSF x Near_LoA	-9,309	-0,086	0,297
CHR18	2009800	CHR18:2009800	SSF x Near_LoA	-7,428	-0,102	0,294
CHR18	2009878	CHR18:2009878	SSF x Near_LoA	-7,500	-0,083	0,294
CHR18	2009900	CHR18:2009900	SSF x Near_LoA	-9,306	0,003	0,290
CHR18	2012804	CHR18:2012804	SSF x Near_LoA	-8,974	-0,057	0,287
CHR18	2030799	CHR18:2030799	SSF x Near_LoA	-9,763	0,058	0,284
CHR18	2031687	CHR18:2031687	SSF x Near_LoA	-8,744	0,021	0,287
CHR18	2031703	CHR18:2031703	SSF x Near_LoA	-4,800	0,019	0,297
CHR18	2040042	CHR18:2040042	SSF x Near_LoA	-8,314	0,120	0,267
CHR18	2040316	CHR18:2040316	SSF x Near_LoA	-9,184	0,083	0,284
CHR18	2044032	CHR18:2044032	SSF x Near_LoA	-7,308	-0,106	0,274
CHR18	2044339	CHR18:2044339	SSF x Near_LoA	-3,363	0,178	0,284
CHR18	2052219	CHR18:2052219	SSF x Near_LoA	-8,017	-0,029	0,299
CHR18	2052229	CHR18:2052229	SSF x Near_LoA	-10,691	-0,097	0,279
CHR18	2079227	CHR18:2079227	SSF x Near_LoA	-7,345	0,073	0,295
CHR18	2079320	CHR18:2079320	SSF x Near_LoA	-9,143	-0,051	0,283
CHR18	2086081	CHR18:2086081	SSF x Near_LoA	-9,162	-0,061	0,281
CHR18	2088035	CHR18:2088035	SSF x Near_LoA	-1,828	0,032	0,288
CHR18	2088064	CHR18:2088064	SSF x Near_LoA	-0,404	-0,151	0,277
CHR18	2110037	CHR18:2110037	SSF x Near_LoA	-6,032	0,028	0,285
CHR18	2111647	CHR18:2111647	SSF x Near_LoA	-8,195	-0,155	0,289
CHR18	2118882	CHR18:2118882	SSF x Near_LoA	-7,747	0,052	0,297
CHR18	2118954	CHR18:2118954	SSF x Near_LoA	-10,650	-0,051	0,284
CHR18	2119503	CHR18:2119503	SSF x Near_LoA	-6,149	0,014	0,277
CHR18	2136914	CHR18:2136914	SSF x Near_LoA	-11,284	0,031	0,289
CHR18	2137042	CHR18:2137042	SSF x Near_LoA	-8,462	0,055	0,284
CHR18	2137057	CHR18:2137057	SSF x Near_LoA	-8,577	0,062	0,281
CHR18	2137209	CHR18:2137209	SSF x Near_LoA	-9,332	0,061	0,301
CHR18	2137244	CHR18:2137244	SSF x Near_LoA	-10,552	-0,006	0,288
CHR18	2141949	CHR18:2141949	SSF x Near_LoA	-8,624	0,025	0,290

CHR18	2143475	CHR18:2143475	SSF x Near_LoA	-8,404	-0,117	0,283
CHR18	2143568	CHR18:2143568	SSF x Near_LoA	-10,735	0,028	0,271
CHR18	2150304	CHR18:2150304	SSF x Near_LoA	-5,622	0,204	0,287
CHR18	2150345	CHR18:2150345	SSF x Near_LoA	-8,591	-0,083	0,283
CHR18	2150375	CHR18:2150375	SSF x Near_LoA	-8,719	0,150	0,278
CHR18	2167181	CHR18:2167181	SSF x Near_LoA	-8,725	-0,028	0,284
CHR18	2167298	CHR18:2167298	SSF x Near_LoA	-8,723	-0,021	0,279
CHR18	2173592	CHR18:2173592	SSF x Near_LoA	-7,628	-0,152	0,284
CHR18	2173624	CHR18:2173624	SSF x Near_LoA	-0,930	0,210	0,266
CHR18	2173686	CHR18:2173686	SSF x Near_LoA	-7,412	-0,135	0,278
CHR18	2178365	CHR18:2178365	SSF x Near_LoA	-5,545	-0,069	0,292
CHR18	2179731	CHR18:2179731	SSF x Near_LoA	-5,409	-0,182	0,267
CHR18	2182234	CHR18:2182234	SSF x Near_LoA	-8,400	-0,014	0,291
CHR18	2189015	CHR18:2189015	SSF x Near_LoA	-9,290	-0,019	0,284
CHR18	2189061	CHR18:2189061	SSF x Near_LoA	-7,091	0,110	0,288
CHR18	2189139	CHR18:2189139	SSF x Near_LoA	-10,339	0,027	0,289
CHR18	2189159	CHR18:2189159	SSF x Near_LoA	-6,948	-0,048	0,291
CHR18	2189195	CHR18:2189195	SSF x Near_LoA	-5,981	-0,167	0,280
CHR18	2189243	CHR18:2189243	SSF x Near_LoA	-3,782	-0,169	0,290
CHR18	2189321	CHR18:2189321	SSF x Near_LoA	-9,939	-0,015	0,291
CHR18	2191498	CHR18:2191498	SSF x Near_LoA	-3,988	0,256	0,270
CHR18	2191504	CHR18:2191504	SSF x Near_LoA	-7,860	0,024	0,281
CHR18	2191573	CHR18:2191573	SSF x Near_LoA	-9,391	-0,037	0,272
CHR18	2191609	CHR18:2191609	SSF x Near_LoA	-8,068	-0,008	0,295
CHR18	2191710	CHR18:2191710	SSF x Near_LoA	-7,515	0,105	0,294
CHR18	2191726	CHR18:2191726	SSF x Near_LoA	-5,233	0,089	0,298
CHR18	2191742	CHR18:2191742	SSF x Near_LoA	-8,679	-0,062	0,298
CHR18	2197808	CHR18:2197808	SSF x Near_LoA	-7,453	0,145	0,284
CHR18	2197908	CHR18:2197908	SSF x Near_LoA	-7,845	0,132	0,294
CHR18	2197984	CHR18:2197984	SSF x Near_LoA	-8,226	-0,004	0,295
CHR18	2209306	CHR18:2209306	SSF x Near_LoA	-5,907	-0,146	0,288
CHR18	2225492	CHR18:2225492	SSF x Near_LoA	-3,643	0,208	0,280
CHR18	2225525	CHR18:2225525	SSF x Near_LoA	-8,196	-0,026	0,282
CHR18	2225566	CHR18:2225566	SSF x Near_LoA	-6,213	0,170	0,293
CHR18	2225582	CHR18:2225582	SSF x Near_LoA	-8,154	-0,035	0,297
CHR18	2225970	CHR18:2225970	SSF x Near_LoA	-10,380	-0,021	0,290
CHR18	2266492	CHR18:2266492	SSF x Near_LoA	-7,707	-0,073	0,278
CHR18	2266498	CHR18:2266498	SSF x Near_LoA	-8,792	-0,101	0,260
CHR18	2266502	CHR18:2266502	SSF x Near_LoA	-2,836	-0,199	0,267
CHR18	2266600	CHR18:2266600	SSF x Near_LoA	-7,560	0,034	0,281
CHR18	2276131	CHR18:2276131	SSF x Near_LoA	-5,409	-0,048	0,297
CHR18	2276155	CHR18:2276155	SSF x Near_LoA	-8,622	0,099	0,300
CHR18	2276174	CHR18:2276174	SSF x Near_LoA	-7,576	-0,009	0,288
CHR18	2276178	CHR18:2276178	SSF x Near_LoA	-5,007	0,069	0,278
CHR18	2276200	CHR18:2276200	SSF x Near_LoA	-6,870	0,121	0,293
CHR18	2276213	CHR18:2276213	SSF x Near_LoA	-6,579	0,064	0,278
CHR18	2292041	CHR18:2292041	SSF x Near_LoA	-7,153	0,156	0,283
CHR18	2292186	CHR18:2292186	SSF x Near_LoA	-6,713	-0,075	0,284
CHR18	2296548	CHR18:2296548	SSF x Near_LoA	-6,784	-0,023	0,291
CHR18	2327796	CHR18:2327796	SSF x Near_LoA	-8,588	0,173	0,276
CHR18	2327832	CHR18:2327832	SSF x Near_LoA	-5,418	0,188	0,297
CHR18	2327884	CHR18:2327884	SSF x Near_LoA	-5,106	-0,200	0,267
CHR18	2333992	CHR18:2333992	SSF x Near_LoA	-8,463	0,143	0,284

CHR18	2337163	CHR18:2337163	SSF x Near_LoA	-6,565	0,114	0,283
CHR18	2338658	CHR18:2338658	SSF x Near_LoA	-10,183	-0,018	0,290
CHR18	2338666	CHR18:2338666	SSF x Near_LoA	-10,332	-0,072	0,284
CHR18	2338779	CHR18:2338779	SSF x Near_LoA	-9,768	-0,070	0,278
CHR18	2347367	CHR18:2347367	SSF x Near_LoA	-8,934	0,023	0,289
CHR18	2347589	CHR18:2347589	SSF x Near_LoA	-7,455	0,002	0,286
CHR18	2349333	CHR18:2349333	SSF x Near_LoA	-5,043	0,125	0,284
CHR18	2349345	CHR18:2349345	SSF x Near_LoA	-9,335	0,017	0,299
CHR18	2349482	CHR18:2349482	SSF x Near_LoA	-9,141	0,103	0,293
CHR18	2349521	CHR18:2349521	SSF x Near_LoA	-8,229	0,100	0,285
CHR18	2349550	CHR18:2349550	SSF x Near_LoA	-8,940	-0,029	0,269
CHR18	2354910	CHR18:2354910	SSF x Near_LoA	-8,699	0,054	0,276
CHR18	2354950	CHR18:2354950	SSF x Near_LoA	-4,980	-0,211	0,256
CHR18	2355006	CHR18:2355006	SSF x Near_LoA	-10,363	0,093	0,281
CHR18	2367120	CHR18:2367120	SSF x Near_LoA	-7,772	-0,112	0,284
CHR18	2367148	CHR18:2367148	SSF x Near_LoA	-6,147	0,069	0,293
CHR18	2367530	CHR18:2367530	SSF x Near_LoA	-6,881	-0,056	0,278
CHR18	2377348	CHR18:2377348	SSF x Near_LoA	-10,674	-0,008	0,302
CHR18	2391673	CHR18:2391673	SSF x Near_LoA	-8,193	0,073	0,288
CHR18	2391683	CHR18:2391683	SSF x Near_LoA	-6,229	-0,056	0,297
CHR18	2391740	CHR18:2391740	SSF x Near_LoA	-6,902	0,067	0,299
CHR18	2391774	CHR18:2391774	SSF x Near_LoA	-10,701	-0,066	0,287
CHR18	2391779	CHR18:2391779	SSF x Near_LoA	-6,751	0,122	0,287
CHR18	2391801	CHR18:2391801	SSF x Near_LoA	-5,595	-0,086	0,301
CHR18	2391958	CHR18:2391958	SSF x Near_LoA	-7,926	0,080	0,279
CHR18	2397501	CHR18:2397501	SSF x Near_LoA	-8,093	0,125	0,287
CHR18	2399346	CHR18:2399346	SSF x Near_LoA	-1,775	-0,141	0,277
CHR18	2423714	CHR18:2423714	SSF x Near_LoA	-6,054	-0,180	0,282
CHR18	2423724	CHR18:2423724	SSF x Near_LoA	-10,259	0,045	0,291
CHR18	2423896	CHR18:2423896	SSF x Near_LoA	-9,377	-0,060	0,278
CHR18	2427550	CHR18:2427550	SSF x Near_LoA	-9,226	-0,009	0,276
CHR18	2427634	CHR18:2427634	SSF x Near_LoA	-6,353	0,152	0,285
CHR18	2432530	CHR18:2432530	SSF x Near_LoA	-10,312	0,068	0,288
CHR18	2432601	CHR18:2432601	SSF x Near_LoA	-5,115	-0,082	0,290
CHR18	2434958	CHR18:2434958	SSF x Near_LoA	-9,962	-0,059	0,284
CHR18	2434988	CHR18:2434988	SSF x Near_LoA	-7,752	-0,091	0,283
CHR18	2436974	CHR18:2436974	SSF x Near_LoA	-9,278	-0,003	0,289
CHR18	2438400	CHR18:2438400	SSF x Near_LoA	-7,281	0,149	0,287
CHR18	2438464	CHR18:2438464	SSF x Near_LoA	-8,528	-0,060	0,285
CHR18	2438465	CHR18:2438465	SSF x Near_LoA	-8,728	0,050	0,288
CHR18	2438494	CHR18:2438494	SSF x Near_LoA	-9,528	-0,092	0,284
CHR18	2438610	CHR18:2438610	SSF x Near_LoA	-8,735	0,057	0,281
CHR18	2438656	CHR18:2438656	SSF x Near_LoA	-3,194	0,129	0,248
CHR18	2448146	CHR18:2448146	SSF x Near_LoA	-7,812	-0,024	0,281
CHR18	2448349	CHR18:2448349	SSF x Near_LoA	-8,828	-0,013	0,282
CHR18	2448360	CHR18:2448360	SSF x Near_LoA	-8,636	0,101	0,281
CHR18	2448372	CHR18:2448372	SSF x Near_LoA	-8,200	0,021	0,283
CHR18	2448377	CHR18:2448377	SSF x Near_LoA	-4,449	-0,197	0,276
CHR18	2448463	CHR18:2448463	SSF x Near_LoA	-7,760	0,112	0,292
CHR18	2460650	CHR18:2460650	SSF x Near_LoA	-7,798	-0,158	0,285
CHR18	2460654	CHR18:2460654	SSF x Near_LoA	-6,249	-0,134	0,285
CHR18	2460674	CHR18:2460674	SSF x Near_LoA	-6,974	-0,025	0,287
CHR18	2460703	CHR18:2460703	SSF x Near_LoA	-8,927	-0,010	0,301

CHR18	2460757	CHR18:2460757	SSF x Near_LoA	-5,751	-0,091	0,287
CHR18	2460836	CHR18:2460836	SSF x Near_LoA	-8,019	0,088	0,283
CHR18	2460842	CHR18:2460842	SSF x Near_LoA	-5,494	-0,135	0,278
CHR18	2471898	CHR18:2471898	SSF x Near_LoA	-7,920	0,029	0,287
CHR18	2487758	CHR18:2487758	SSF x Near_LoA	-8,094	-0,087	0,273
CHR18	2487773	CHR18:2487773	SSF x Near_LoA	-9,388	0,067	0,278
CHR18	2487790	CHR18:2487790	SSF x Near_LoA	-6,168	0,111	0,280
CHR18	2487791	CHR18:2487791	SSF x Near_LoA	-10,425	0,028	0,294
CHR18	2487808	CHR18:2487808	SSF x Near_LoA	-5,317	-0,112	0,274
CHR18	2504371	CHR18:2504371	SSF x Near_LoA	-8,591	0,092	0,284
CHR18	2504596	CHR18:2504596	SSF x Near_LoA	-9,492	0,014	0,292
CHR18	2529089	CHR18:2529089	SSF x Near_LoA	-0,067	0,258	0,268
CHR18	2529113	CHR18:2529113	SSF x Near_LoA	-7,267	0,166	0,259
CHR18	2529116	CHR18:2529116	SSF x Near_LoA	-5,931	0,171	0,275
CHR18	2531819	CHR18:2531819	SSF x Near_LoA	-8,686	-0,013	0,288
CHR18	2531829	CHR18:2531829	SSF x Near_LoA	-6,177	-0,093	0,295
CHR18	2531885	CHR18:2531885	SSF x Near_LoA	-8,170	-0,033	0,283
CHR18	2531934	CHR18:2531934	SSF x Near_LoA	-7,634	-0,050	0,297
CHR18	2531945	CHR18:2531945	SSF x Near_LoA	-9,179	-0,035	0,282
CHR18	2531967	CHR18:2531967	SSF x Near_LoA	-1,762	-0,230	0,278
CHR18	2531994	CHR18:2531994	SSF x Near_LoA	-9,726	-0,046	0,283
CHR18	2532014	CHR18:2532014	SSF x Near_LoA	-7,769	-0,066	0,280
CHR18	2532045	CHR18:2532045	SSF x Near_LoA	-9,465	-0,038	0,274
CHR18	2532079	CHR18:2532079	SSF x Near_LoA	-7,701	-0,054	0,291
CHR18	2536344	CHR18:2536344	SSF x Near_LoA	-7,967	0,155	0,285
CHR18	2547255	CHR18:2547255	SSF x Near_LoA	-7,209	-0,068	0,279
CHR18	2547272	CHR18:2547272	SSF x Near_LoA	-2,392	0,167	0,262
CHR18	2547472	CHR18:2547472	SSF x Near_LoA	-7,193	0,123	0,258
CHR18	2547516	CHR18:2547516	SSF x Near_LoA	-4,102	-0,086	0,276
CHR18	2552860	CHR18:2552860	SSF x Near_LoA	-5,595	-0,026	0,308
CHR18	2552955	CHR18:2552955	SSF x Near_LoA	-6,390	-0,160	0,274
CHR18	2552980	CHR18:2552980	SSF x Near_LoA	-9,466	0,023	0,287
CHR18	2552991	CHR18:2552991	SSF x Near_LoA	-5,195	0,072	0,293
CHR18	2564169	CHR18:2564169	SSF x Near_LoA	-6,230	0,181	0,271
CHR18	2564230	CHR18:2564230	SSF x Near_LoA	-2,967	-0,218	0,268
CHR18	2564308	CHR18:2564308	SSF x Near_LoA	-8,460	-0,030	0,275
CHR18	2564423	CHR18:2564423	SSF x Near_LoA	-7,967	-0,111	0,287
CHR18	2564424	CHR18:2564424	SSF x Near_LoA	-8,443	0,150	0,272
CHR18	2564458	CHR18:2564458	SSF x Near_LoA	-7,785	0,029	0,275
CHR18	2578774	CHR18:2578774	SSF x Near_LoA	-6,895	0,196	0,288
CHR18	2578845	CHR18:2578845	SSF x Near_LoA	-8,017	-0,011	0,295
CHR18	2578904	CHR18:2578904	SSF x Near_LoA	-7,902	-0,095	0,292
CHR18	2590630	CHR18:2590630	SSF x Near_LoA	-7,136	-0,099	0,289
CHR18	2590680	CHR18:2590680	SSF x Near_LoA	-6,952	-0,196	0,275
CHR18	2590686	CHR18:2590686	SSF x Near_LoA	-1,611	-0,281	0,255
CHR18	2590798	CHR18:2590798	SSF x Near_LoA	-6,428	-0,142	0,279
CHR18	2590815	CHR18:2590815	SSF x Near_LoA	-9,872	-0,090	0,273
CHR18	2641205	CHR18:2641205	SSF x Near_LoA	-10,537	-0,028	0,276
CHR18	2641260	CHR18:2641260	SSF x Near_LoA	-9,270	0,079	0,283
CHR18	2650805	CHR18:2650805	SSF x Near_LoA	-6,183	0,131	0,284
CHR18	2650815	CHR18:2650815	SSF x Near_LoA	-9,842	0,076	0,282
CHR18	2650917	CHR18:2650917	SSF x Near_LoA	-0,336	0,161	0,281
CHR18	2650972	CHR18:2650972	SSF x Near_LoA	-6,739	-0,060	0,288

CHR18	2650990	CHR18:2650990	SSF x Near_LoA	-7,619	0,001	0,289
CHR18	2651021	CHR18:2651021	SSF x Near_LoA	-7,827	0,074	0,284
CHR18	2653030	CHR18:2653030	SSF x Near_LoA	-7,406	-0,111	0,298
CHR18	2658962	CHR18:2658962	SSF x Near_LoA	-10,472	-0,025	0,296
CHR18	2666711	CHR18:2666711	SSF x Near_LoA	-8,018	-0,139	0,296
CHR18	2666716	CHR18:2666716	SSF x Near_LoA	-9,396	-0,143	0,274
CHR18	2666839	CHR18:2666839	SSF x Near_LoA	-7,646	0,025	0,287
CHR18	2674075	CHR18:2674075	SSF x Near_LoA	-6,527	-0,198	0,279
CHR18	2677826	CHR18:2677826	SSF x Near_LoA	-8,512	0,039	0,285
CHR18	2679153	CHR18:2679153	SSF x Near_LoA	-7,719	-0,046	0,302
CHR18	2679155	CHR18:2679155	SSF x Near_LoA	-9,931	0,061	0,298
CHR18	2679181	CHR18:2679181	SSF x Near_LoA	-5,365	-0,058	0,294
CHR18	2679217	CHR18:2679217	SSF x Near_LoA	-8,472	-0,010	0,288
CHR18	2679294	CHR18:2679294	SSF x Near_LoA	-9,160	0,111	0,280
CHR18	2679304	CHR18:2679304	SSF x Near_LoA	-7,846	-0,184	0,277
CHR18	2689614	CHR18:2689614	SSF x Near_LoA	-8,754	-0,010	0,284
CHR18	2689841	CHR18:2689841	SSF x Near_LoA	-9,942	-0,006	0,292
CHR18	2705846	CHR18:2705846	SSF x Near_LoA	-8,228	0,083	0,297
CHR18	2705912	CHR18:2705912	SSF x Near_LoA	-9,046	0,147	0,286
CHR18	2705933	CHR18:2705933	SSF x Near_LoA	-8,235	-0,033	0,283
CHR18	2707076	CHR18:2707076	SSF x Near_LoA	-7,231	-0,009	0,272
CHR18	2707079	CHR18:2707079	SSF x Near_LoA	-7,428	-0,009	0,281
CHR18	2707119	CHR18:2707119	SSF x Near_LoA	-7,051	-0,097	0,287
CHR18	2707123	CHR18:2707123	SSF x Near_LoA	-7,575	-0,067	0,290
CHR18	2707137	CHR18:2707137	SSF x Near_LoA	-8,323	0,052	0,279
CHR18	2708661	CHR18:2708661	SSF x Near_LoA	-8,743	0,037	0,295
CHR18	2714259	CHR18:2714259	SSF x Near_LoA	-6,263	-0,141	0,287
CHR18	2718152	CHR18:2718152	SSF x Near_LoA	-5,648	-0,180	0,283
CHR18	2736241	CHR18:2736241	SSF x Near_LoA	-10,383	-0,034	0,294
CHR18	2736548	CHR18:2736548	SSF x Near_LoA	-4,745	-0,202	0,282
CHR18	2745734	CHR18:2745734	SSF x Near_LoA	-6,770	-0,106	0,297
CHR18	2745742	CHR18:2745742	SSF x Near_LoA	-9,154	0,117	0,287
CHR18	2745748	CHR18:2745748	SSF x Near_LoA	-8,345	0,059	0,284
CHR18	2745803	CHR18:2745803	SSF x Near_LoA	-8,100	-0,012	0,283
CHR18	2745943	CHR18:2745943	SSF x Near_LoA	-7,178	-0,111	0,303
CHR18	2746050	CHR18:2746050	SSF x Near_LoA	-10,338	-0,037	0,290
CHR18	2754150	CHR18:2754150	SSF x Near_LoA	-2,107	-0,281	0,274
CHR18	2754447	CHR18:2754447	SSF x Near_LoA	-7,827	-0,001	0,285
CHR18	2779622	CHR18:2779622	SSF x Near_LoA	-3,746	-0,137	0,291
CHR18	2779868	CHR18:2779868	SSF x Near_LoA	-8,763	-0,004	0,279
CHR18	2779916	CHR18:2779916	SSF x Near_LoA	-7,932	0,065	0,278
CHR18	2779976	CHR18:2779976	SSF x Near_LoA	-8,121	-0,029	0,295
CHR18	2780013	CHR18:2780013	SSF x Near_LoA	-8,711	0,096	0,277
CHR18	2783522	CHR18:2783522	SSF x Near_LoA	-8,933	-0,015	0,289
CHR18	2783589	CHR18:2783589	SSF x Near_LoA	-9,986	0,023	0,284
CHR18	2802562	CHR18:2802562	SSF x Near_LoA	-8,936	-0,024	0,272
CHR18	2802822	CHR18:2802822	SSF x Near_LoA	-6,947	-0,068	0,299
CHR18	2810994	CHR18:2810994	SSF x Near_LoA	-9,412	-0,034	0,293
CHR18	2817375	CHR18:2817375	SSF x Near_LoA	-7,954	-0,019	0,288
CHR18	2817446	CHR18:2817446	SSF x Near_LoA	-8,683	0,052	0,278
CHR18	2817449	CHR18:2817449	SSF x Near_LoA	-5,708	0,127	0,290
CHR18	2817456	CHR18:2817456	SSF x Near_LoA	-7,552	0,037	0,295
CHR18	2817686	CHR18:2817686	SSF x Near_LoA	-8,724	0,029	0,296

CHR18	2817704	CHR18:2817704	SSF x Near_LoA	-10,233	0,098	0,294
CHR18	2820480	CHR18:2820480	SSF x Near_LoA	-8,256	0,008	0,293
CHR18	2820511	CHR18:2820511	SSF x Near_LoA	-4,895	-0,172	0,275
CHR18	2820522	CHR18:2820522	SSF x Near_LoA	-3,017	-0,033	0,284
CHR18	2820558	CHR18:2820558	SSF x Near_LoA	-9,946	-0,005	0,304
CHR18	2820568	CHR18:2820568	SSF x Near_LoA	-7,927	0,224	0,270
CHR18	2820619	CHR18:2820619	SSF x Near_LoA	-10,098	0,055	0,292
CHR18	2836405	CHR18:2836405	SSF x Near_LoA	-10,102	-0,056	0,290
CHR18	2836600	CHR18:2836600	SSF x Near_LoA	-8,821	-0,066	0,284
CHR18	2841996	CHR18:2841996	SSF x Near_LoA	-8,783	0,113	0,270
CHR18	2842028	CHR18:2842028	SSF x Near_LoA	-7,410	-0,014	0,281
CHR18	2842158	CHR18:2842158	SSF x Near_LoA	-9,423	0,012	0,286
CHR18	2846322	CHR18:2846322	SSF x Near_LoA	-6,348	0,015	0,311
CHR18	2846361	CHR18:2846361	SSF x Near_LoA	-7,428	0,119	0,299
CHR18	2846496	CHR18:2846496	SSF x Near_LoA	-7,974	-0,081	0,290
CHR18	2852024	CHR18:2852024	SSF x Near_LoA	-10,277	-0,040	0,289
CHR18	2852282	CHR18:2852282	SSF x Near_LoA	-6,141	0,074	0,292
CHR18	2852398	CHR18:2852398	SSF x Near_LoA	-4,630	-0,189	0,281
CHR18	2852406	CHR18:2852406	SSF x Near_LoA	-8,070	-0,082	0,274
CHR18	2861326	CHR18:2861326	SSF x Near_LoA	-5,093	-0,119	0,275
CHR18	2861348	CHR18:2861348	SSF x Near_LoA	-6,330	-0,128	0,275
CHR18	2861405	CHR18:2861405	SSF x Near_LoA	-8,232	-0,051	0,290
CHR18	2861438	CHR18:2861438	SSF x Near_LoA	-6,613	0,111	0,282
CHR18	2861464	CHR18:2861464	SSF x Near_LoA	-6,287	0,030	0,291
CHR18	2867912	CHR18:2867912	SSF x Near_LoA	-8,676	-0,042	0,303
CHR18	2868151	CHR18:2868151	SSF x Near_LoA	-10,675	-0,071	0,291
CHR18	2868244	CHR18:2868244	SSF x Near_LoA	-9,610	0,006	0,293
CHR18	2884949	CHR18:2884949	SSF x Near_LoA	-8,670	0,074	0,268
CHR18	2887378	CHR18:2887378	SSF x Near_LoA	-7,298	0,041	0,284
CHR18	2887452	CHR18:2887452	SSF x Near_LoA	-7,404	0,101	0,281
CHR18	2887503	CHR18:2887503	SSF x Near_LoA	-9,137	0,079	0,291
CHR18	2889912	CHR18:2889912	SSF x Near_LoA	-7,236	-0,159	0,280
CHR18	2889957	CHR18:2889957	SSF x Near_LoA	-6,890	0,143	0,273
CHR18	2889975	CHR18:2889975	SSF x Near_LoA	-10,616	-0,040	0,291
CHR18	2890001	CHR18:2890001	SSF x Near_LoA	-9,248	0,055	0,295
CHR18	2890062	CHR18:2890062	SSF x Near_LoA	-7,178	0,151	0,289
CHR18	2916602	CHR18:2916602	SSF x Near_LoA	-6,880	0,066	0,286
CHR18	2916719	CHR18:2916719	SSF x Near_LoA	-6,811	-0,171	0,272
CHR18	2920836	CHR18:2920836	SSF x Near_LoA	-6,909	-0,115	0,284
CHR18	2920948	CHR18:2920948	SSF x Near_LoA	-0,853	-0,175	0,276
CHR18	2921047	CHR18:2921047	SSF x Near_LoA	-8,711	-0,080	0,286
CHR18	2921073	CHR18:2921073	SSF x Near_LoA	-9,516	0,001	0,281
CHR18	2943361	CHR18:2943361	SSF x Near_LoA	-7,192	-0,077	0,261
CHR18	2952385	CHR18:2952385	SSF x Near_LoA	-7,144	-0,021	0,300
CHR18	2952575	CHR18:2952575	SSF x Near_LoA	-6,484	-0,121	0,278
CHR18	2952708	CHR18:2952708	SSF x Near_LoA	-8,165	-0,068	0,290
CHR18	2980845	CHR18:2980845	SSF x Near_LoA	-6,551	-0,053	0,286
CHR18	2980846	CHR18:2980846	SSF x Near_LoA	-7,312	-0,070	0,287
CHR18	2980924	CHR18:2980924	SSF x Near_LoA	-0,729	-0,224	0,298
CHR18	2981585	CHR18:2981585	SSF x Near_LoA	-9,389	0,019	0,277
CHR18	2981781	CHR18:2981781	SSF x Near_LoA	-2,875	-0,224	0,278
CHR18	3010693	CHR18:3010693	SSF x Near_LoA	-5,060	0,073	0,279
CHR18	3010772	CHR18:3010772	SSF x Near_LoA	-5,777	0,260	0,274

CHR18	3010789	CHR18:3010789	SSF x Near_LoA	-8,185	-0,053	0,274
CHR18	3025945	CHR18:3025945	SSF x Near_LoA	-8,397	0,109	0,286
CHR18	3026048	CHR18:3026048	SSF x Near_LoA	-8,563	0,027	0,277
CHR18	3026101	CHR18:3026101	SSF x Near_LoA	-7,061	0,098	0,298
CHR18	3026108	CHR18:3026108	SSF x Near_LoA	-4,579	0,085	0,289
CHR18	3026116	CHR18:3026116	SSF x Near_LoA	-6,432	-0,121	0,278
CHR18	3034054	CHR18:3034054	SSF x Near_LoA	-5,478	0,110	0,298
CHR18	3034079	CHR18:3034079	SSF x Near_LoA	-5,369	-0,184	0,278
CHR18	3034117	CHR18:3034117	SSF x Near_LoA	-9,862	0,064	0,286
CHR18	3034119	CHR18:3034119	SSF x Near_LoA	-9,422	0,025	0,286
CHR18	3034186	CHR18:3034186	SSF x Near_LoA	-6,027	0,111	0,290
CHR18	3034260	CHR18:3034260	SSF x Near_LoA	-8,591	-0,111	0,294
CHR18	3053340	CHR18:3053340	SSF x Near_LoA	-6,952	-0,074	0,298
CHR18	3053351	CHR18:3053351	SSF x Near_LoA	-5,531	-0,087	0,287
CHR18	3053362	CHR18:3053362	SSF x Near_LoA	-2,870	-0,222	0,274
CHR18	3053383	CHR18:3053383	SSF x Near_LoA	-6,955	-0,142	0,287
CHR18	3053401	CHR18:3053401	SSF x Near_LoA	-6,817	-0,005	0,294
CHR18	3053405	CHR18:3053405	SSF x Near_LoA	-7,518	-0,037	0,296
CHR18	3053407	CHR18:3053407	SSF x Near_LoA	-6,862	-0,012	0,296
CHR18	3053460	CHR18:3053460	SSF x Near_LoA	-10,311	0,015	0,286
CHR18	3073181	CHR18:3073181	SSF x Near_LoA	-4,280	0,225	0,271
CHR18	3073215	CHR18:3073215	SSF x Near_LoA	-6,619	0,076	0,294
CHR18	3073217	CHR18:3073217	SSF x Near_LoA	-9,225	0,115	0,286
CHR18	3073228	CHR18:3073228	SSF x Near_LoA	-9,432	0,128	0,277
CHR18	3080718	CHR18:3080718	SSF x Near_LoA	-9,621	-0,060	0,296
CHR18	3108842	CHR18:3108842	SSF x Near_LoA	-10,078	0,080	0,293
CHR18	3108896	CHR18:3108896	SSF x Near_LoA	-0,776	-0,246	0,272
CHR18	3124546	CHR18:3124546	SSF x Near_LoA	-9,693	-0,056	0,291
CHR18	3124621	CHR18:3124621	SSF x Near_LoA	-8,826	0,089	0,293
CHR18	3124717	CHR18:3124717	SSF x Near_LoA	-8,243	0,071	0,282
CHR18	3143253	CHR18:3143253	SSF x Near_LoA	-6,385	0,010	0,295
CHR18	3148060	CHR18:3148060	SSF x Near_LoA	-9,902	-0,072	0,283
CHR18	3148153	CHR18:3148153	SSF x Near_LoA	-6,154	0,106	0,292
CHR18	3153320	CHR18:3153320	SSF x Near_LoA	-10,464	0,023	0,287
CHR18	3153334	CHR18:3153334	SSF x Near_LoA	-10,720	-0,019	0,287
CHR18	3153348	CHR18:3153348	SSF x Near_LoA	-10,922	-0,001	0,281
CHR18	3153371	CHR18:3153371	SSF x Near_LoA	-9,458	0,004	0,287
CHR18	3153385	CHR18:3153385	SSF x Near_LoA	-7,699	0,041	0,291
CHR18	3153446	CHR18:3153446	SSF x Near_LoA	-8,937	0,015	0,294
CHR18	3153455	CHR18:3153455	SSF x Near_LoA	-8,680	-0,023	0,291
CHR18	3153471	CHR18:3153471	SSF x Near_LoA	-9,744	-0,016	0,287
CHR18	3153478	CHR18:3153478	SSF x Near_LoA	-9,231	-0,053	0,280
CHR18	3153534	CHR18:3153534	SSF x Near_LoA	-8,175	-0,007	0,294
CHR18	3153565	CHR18:3153565	SSF x Near_LoA	-9,303	-0,086	0,279
CHR18	3170803	CHR18:3170803	SSF x Near_LoA	-7,492	-0,153	0,277
CHR18	3170850	CHR18:3170850	SSF x Near_LoA	-6,729	0,077	0,291
CHR18	3175826	CHR18:3175826	SSF x Near_LoA	-9,375	-0,073	0,294
CHR18	3175868	CHR18:3175868	SSF x Near_LoA	-8,722	0,094	0,270
CHR18	3175872	CHR18:3175872	SSF x Near_LoA	-7,330	0,140	0,267
CHR18	3175981	CHR18:3175981	SSF x Near_LoA	-9,386	0,090	0,284
CHR18	3180477	CHR18:3180477	SSF x Near_LoA	-6,705	-0,158	0,275
CHR18	3183528	CHR18:3183528	SSF x Near_LoA	-8,059	-0,053	0,276
CHR18	3189896	CHR18:3189896	SSF x Near_LoA	-9,706	-0,062	0,291

CHR18	3192325	CHR18:3192325	SSF x Near_LoA	-7,330	-0,036	0,281
CHR18	3192326	CHR18:3192326	SSF x Near_LoA	-7,840	-0,043	0,275
CHR18	3192502	CHR18:3192502	SSF x Near_LoA	-4,220	-0,162	0,263
CHR18	3199922	CHR18:3199922	SSF x Near_LoA	-9,474	0,079	0,275
CHR18	3200127	CHR18:3200127	SSF x Near_LoA	-10,208	0,049	0,277
CHR18	3203675	CHR18:3203675	SSF x Near_LoA	-10,534	-0,012	0,280
CHR18	3203701	CHR18:3203701	SSF x Near_LoA	-7,754	0,091	0,296
CHR18	3203824	CHR18:3203824	SSF x Near_LoA	-8,246	0,109	0,282
CHR18	3214972	CHR18:3214972	SSF x Near_LoA	-8,941	-0,097	0,273
CHR18	3220120	CHR18:3220120	SSF x Near_LoA	-10,631	-0,002	0,282
CHR18	3220252	CHR18:3220252	SSF x Near_LoA	-10,057	0,007	0,287
CHR18	3236389	CHR18:3236389	SSF x Near_LoA	-4,556	0,163	0,280
CHR18	3275492	CHR18:3275492	SSF x Near_LoA	-10,358	-0,081	0,281
CHR18	3286107	CHR18:3286107	SSF x Near_LoA	-4,694	-0,077	0,299
CHR18	3307425	CHR18:3307425	SSF x Near_LoA	-7,357	0,054	0,303
CHR18	3307535	CHR18:3307535	SSF x Near_LoA	-6,078	0,181	0,277
CHR18	3311212	CHR18:3311212	SSF x Near_LoA	-6,707	0,033	0,311
CHR18	3326389	CHR18:3326389	SSF x Near_LoA	-4,345	-0,005	0,286
CHR18	3326460	CHR18:3326460	SSF x Near_LoA	-4,658	0,042	0,285
CHR18	3326522	CHR18:3326522	SSF x Near_LoA	-6,806	-0,112	0,279
CHR18	3326537	CHR18:3326537	SSF x Near_LoA	-6,002	-0,156	0,281
CHR18	3326542	CHR18:3326542	SSF x Near_LoA	-0,401	-0,167	0,297
CHR18	3326555	CHR18:3326555	SSF x Near_LoA	-8,191	-0,140	0,293
CHR18	3326564	CHR18:3326564	SSF x Near_LoA	-8,237	-0,156	0,269
CHR18	3326620	CHR18:3326620	SSF x Near_LoA	-5,568	-0,180	0,274
CHR18	3326632	CHR18:3326632	SSF x Near_LoA	-9,677	0,115	0,285
CHR18	3326633	CHR18:3326633	SSF x Near_LoA	-7,422	-0,161	0,271
CHR18	3326639	CHR18:3326639	SSF x Near_LoA	-2,639	-0,215	0,270
CHR18	3326643	CHR18:3326643	SSF x Near_LoA	-9,963	-0,040	0,288
CHR18	3326681	CHR18:3326681	SSF x Near_LoA	-6,908	-0,094	0,277
CHR18	3326708	CHR18:3326708	SSF x Near_LoA	-9,766	-0,047	0,301
CHR18	3326720	CHR18:3326720	SSF x Near_LoA	-7,320	0,044	0,277
CHR18	3340031	CHR18:3340031	SSF x Near_LoA	-8,826	0,100	0,287
CHR18	3340117	CHR18:3340117	SSF x Near_LoA	-6,298	0,092	0,282
CHR18	3340162	CHR18:3340162	SSF x Near_LoA	-7,157	0,139	0,263
CHR18	3340168	CHR18:3340168	SSF x Near_LoA	-9,704	-0,029	0,282
CHR18	3340181	CHR18:3340181	SSF x Near_LoA	-7,653	0,109	0,271
CHR18	3340242	CHR18:3340242	SSF x Near_LoA	-9,004	-0,062	0,283
CHR18	3340306	CHR18:3340306	SSF x Near_LoA	-9,311	-0,048	0,290
CHR18	3343797	CHR18:3343797	SSF x Near_LoA	-7,538	-0,012	0,301
CHR18	3357140	CHR18:3357140	SSF x Near_LoA	-4,211	-0,197	0,276
CHR18	3365761	CHR18:3365761	SSF x Near_LoA	-9,104	-0,033	0,295
CHR18	3365770	CHR18:3365770	SSF x Near_LoA	-0,899	-0,183	0,280
CHR18	3367080	CHR18:3367080	SSF x Near_LoA	-10,558	-0,003	0,291
CHR18	3367264	CHR18:3367264	SSF x Near_LoA	-11,090	-0,008	0,294
CHR18	3369032	CHR18:3369032	SSF x Near_LoA	-5,705	0,149	0,280
CHR18	3376029	CHR18:3376029	SSF x Near_LoA	-4,251	-0,176	0,276
CHR18	3376031	CHR18:3376031	SSF x Near_LoA	-2,468	-0,178	0,298
CHR18	3391188	CHR18:3391188	SSF x Near_LoA	3,142	-0,167	0,271
CHR18	3411631	CHR18:3411631	SSF x Near_LoA	-7,074	0,063	0,291
CHR18	3411668	CHR18:3411668	SSF x Near_LoA	-6,360	-0,082	0,280
CHR18	3411685	CHR18:3411685	SSF x Near_LoA	-6,834	0,061	0,290
CHR18	3411717	CHR18:3411717	SSF x Near_LoA	-7,601	0,063	0,284

CHR18	3411734	CHR18:3411734	SSF x Near_LoA	-0,991	-0,067	0,288
CHR18	3411777	CHR18:3411777	SSF x Near_LoA	-5,677	-0,082	0,282
CHR18	3411792	CHR18:3411792	SSF x Near_LoA	-7,951	0,074	0,295
CHR18	3411815	CHR18:3411815	SSF x Near_LoA	-7,897	-0,048	0,279
CHR18	3411894	CHR18:3411894	SSF x Near_LoA	-4,952	0,121	0,281
CHR18	3435556	CHR18:3435556	SSF x Near_LoA	-6,934	0,164	0,266
CHR18	3444242	CHR18:3444242	SSF x Near_LoA	-7,304	-0,174	0,279
CHR18	3452166	CHR18:3452166	SSF x Near_LoA	-7,073	0,117	0,293
CHR18	3452930	CHR18:3452930	SSF x Near_LoA	-7,375	0,121	0,288
CHR18	3452935	CHR18:3452935	SSF x Near_LoA	-5,092	0,214	0,265
CHR18	3452939	CHR18:3452939	SSF x Near_LoA	-4,031	0,206	0,276
CHR18	3452974	CHR18:3452974	SSF x Near_LoA	0,363	0,184	0,292
CHR18	3452975	CHR18:3452975	SSF x Near_LoA	-5,558	0,180	0,275
CHR18	3452985	CHR18:3452985	SSF x Near_LoA	-3,989	-0,231	0,273
CHR18	3452998	CHR18:3452998	SSF x Near_LoA	-3,748	0,214	0,266
CHR18	3466098	CHR18:3466098	SSF x Near_LoA	-2,912	-0,260	0,256
CHR18	3466173	CHR18:3466173	SSF x Near_LoA	-7,291	0,106	0,270
CHR18	3466220	CHR18:3466220	SSF x Near_LoA	-0,339	0,244	0,257
CHR18	3466253	CHR18:3466253	SSF x Near_LoA	1,138	-0,257	0,262
CHR18	3466268	CHR18:3466268	SSF x Near_LoA	-2,526	-0,180	0,274
CHR18	3466279	CHR18:3466279	SSF x Near_LoA	-6,268	0,117	0,286
CHR18	3466317	CHR18:3466317	SSF x Near_LoA	-6,945	0,063	0,277
CHR18	3466355	CHR18:3466355	SSF x Near_LoA	-6,780	0,126	0,289
CHR18	3473884	CHR18:3473884	SSF x Near_LoA	-10,771	0,035	0,282
CHR18	3473899	CHR18:3473899	SSF x Near_LoA	-5,191	-0,162	0,276
CHR18	3473968	CHR18:3473968	SSF x Near_LoA	-7,990	-0,069	0,290
CHR18	3473989	CHR18:3473989	SSF x Near_LoA	-3,825	0,118	0,279
CHR18	3474030	CHR18:3474030	SSF x Near_LoA	-7,857	0,106	0,274
CHR18	3474068	CHR18:3474068	SSF x Near_LoA	-8,367	-0,011	0,281
CHR18	3475588	CHR18:3475588	SSF x Near_LoA	-9,225	-0,079	0,277
CHR18	3475611	CHR18:3475611	SSF x Near_LoA	-8,171	-0,062	0,266
CHR18	3475824	CHR18:3475824	SSF x Near_LoA	-6,891	-0,150	0,276
CHR18	3475890	CHR18:3475890	SSF x Near_LoA	-6,065	0,133	0,279
CHR18	3475892	CHR18:3475892	SSF x Near_LoA	-9,251	0,001	0,281
CHR18	3475904	CHR18:3475904	SSF x Near_LoA	-8,685	0,000	0,279
CHR18	3475917	CHR18:3475917	SSF x Near_LoA	-9,848	0,057	0,297
CHR18	3475923	CHR18:3475923	SSF x Near_LoA	-5,260	0,157	0,268
CHR18	3477663	CHR18:3477663	SSF x Near_LoA	-9,400	0,015	0,272
CHR18	3477689	CHR18:3477689	SSF x Near_LoA	-10,194	0,106	0,272
CHR18	3477697	CHR18:3477697	SSF x Near_LoA	-7,971	-0,116	0,288
CHR18	3477709	CHR18:3477709	SSF x Near_LoA	-7,620	-0,093	0,290
CHR18	3477710	CHR18:3477710	SSF x Near_LoA	-9,031	0,007	0,281
CHR18	3477711	CHR18:3477711	SSF x Near_LoA	-8,801	-0,099	0,287
CHR18	3489017	CHR18:3489017	SSF x Near_LoA	-6,595	0,055	0,289
CHR18	3489059	CHR18:3489059	SSF x Near_LoA	-8,207	0,063	0,278
CHR18	3505923	CHR18:3505923	SSF x Near_LoA	8,589	0,268	0,270
CHR18	3505962	CHR18:3505962	SSF x Near_LoA	-10,350	-0,015	0,291
CHR18	3512354	CHR18:3512354	SSF x Near_LoA	3,298	-0,242	0,279
CHR18	3512371	CHR18:3512371	SSF x Near_LoA	-2,164	0,264	0,271
CHR18	3520205	CHR18:3520205	SSF x Near_LoA	-9,096	0,060	0,295
CHR18	3520213	CHR18:3520213	SSF x Near_LoA	-6,466	-0,107	0,296
CHR18	3520305	CHR18:3520305	SSF x Near_LoA	-8,916	0,054	0,297
CHR18	3520348	CHR18:3520348	SSF x Near_LoA	-7,384	-0,055	0,282

CHR18	3524203	CHR18:3524203	SSF x Near_LoA	-5,845	0,135	0,277
CHR18	3524365	CHR18:3524365	SSF x Near_LoA	-7,042	-0,088	0,287
CHR18	3532186	CHR18:3532186	SSF x Near_LoA	-4,620	-0,083	0,290
CHR18	3532267	CHR18:3532267	SSF x Near_LoA	-7,821	0,128	0,277
CHR18	3532330	CHR18:3532330	SSF x Near_LoA	-5,624	0,083	0,283
CHR18	3532429	CHR18:3532429	SSF x Near_LoA	-9,364	0,056	0,285
CHR18	3532567	CHR18:3532567	SSF x Near_LoA	-8,236	0,135	0,290
CHR18	3532577	CHR18:3532577	SSF x Near_LoA	-7,204	0,048	0,273
CHR18	3547854	CHR18:3547854	SSF x Near_LoA	-9,501	-0,022	0,289
CHR18	3552366	CHR18:3552366	SSF x Near_LoA	-7,361	0,068	0,300
CHR18	3552370	CHR18:3552370	SSF x Near_LoA	-7,733	0,068	0,294
CHR18	3552404	CHR18:3552404	SSF x Near_LoA	-8,515	0,068	0,289
CHR18	3552437	CHR18:3552437	SSF x Near_LoA	-9,843	-0,020	0,286
CHR18	3552460	CHR18:3552460	SSF x Near_LoA	-8,168	0,004	0,290
CHR18	3563920	CHR18:3563920	SSF x Near_LoA	-0,575	-0,075	0,292
CHR18	3563987	CHR18:3563987	SSF x Near_LoA	-7,745	0,128	0,271
CHR18	3564016	CHR18:3564016	SSF x Near_LoA	-8,104	0,123	0,274
CHR18	3564038	CHR18:3564038	SSF x Near_LoA	-6,062	0,127	0,284
CHR18	3564086	CHR18:3564086	SSF x Near_LoA	-8,693	-0,024	0,274
CHR18	3564109	CHR18:3564109	SSF x Near_LoA	-7,055	0,024	0,285
CHR18	3571050	CHR18:3571050	SSF x Near_LoA	-6,328	0,135	0,283
CHR18	3617532	CHR18:3617532	SSF x Near_LoA	-6,741	-0,185	0,290
CHR18	3625324	CHR18:3625324	SSF x Near_LoA	-9,348	-0,147	0,276
CHR18	3643167	CHR18:3643167	SSF x Near_LoA	-9,299	0,055	0,272
CHR18	3653457	CHR18:3653457	SSF x Near_LoA	-8,998	0,044	0,282
CHR18	3656213	CHR18:3656213	SSF x Near_LoA	-8,350	0,002	0,298
CHR18	3656264	CHR18:3656264	SSF x Near_LoA	-9,849	-0,053	0,287
CHR18	3659680	CHR18:3659680	SSF x Near_LoA	-7,808	-0,067	0,290
CHR18	3661296	CHR18:3661296	SSF x Near_LoA	-8,975	-0,031	0,279
CHR18	3664408	CHR18:3664408	SSF x Near_LoA	-9,691	-0,046	0,287
CHR18	3669218	CHR18:3669218	SSF x Near_LoA	-8,823	0,049	0,279
CHR18	3672019	CHR18:3672019	SSF x Near_LoA	-6,652	0,071	0,304
CHR18	3673848	CHR18:3673848	SSF x Near_LoA	-10,018	-0,061	0,282
CHR18	3673861	CHR18:3673861	SSF x Near_LoA	-10,233	-0,063	0,292
CHR18	3742671	CHR18:3742671	SSF x Near_LoA	-8,594	0,074	0,271
CHR18	3754570	CHR18:3754570	SSF x Near_LoA	-9,120	0,032	0,306
CHR18	3754692	CHR18:3754692	SSF x Near_LoA	-8,827	0,128	0,286
CHR18	3793286	CHR18:3793286	SSF x Near_LoA	-6,744	-0,142	0,298
CHR18	3803564	CHR18:3803564	SSF x Near_LoA	-6,953	-0,141	0,280
CHR18	3803566	CHR18:3803566	SSF x Near_LoA	-7,697	-0,119	0,286
CHR18	3810057	CHR18:3810057	SSF x Near_LoA	-7,795	-0,031	0,286
CHR18	3892766	CHR18:3892766	SSF x Near_LoA	-10,342	0,008	0,288
CHR18	3892791	CHR18:3892791	SSF x Near_LoA	-8,146	-0,071	0,276
CHR18	3914845	CHR18:3914845	SSF x Near_LoA	-8,230	-0,175	0,272
CHR18	3918813	CHR18:3918813	SSF x Near_LoA	-2,177	0,021	0,299
CHR18	3925223	CHR18:3925223	SSF x Near_LoA	-8,006	0,044	0,294
CHR18	4108101	CHR18:4108101	SSF x Near_LoA	-7,839	-0,027	0,286
CHR18	4108333	CHR18:4108333	SSF x Near_LoA	-8,444	0,155	0,274
CHR18	4133700	CHR18:4133700	SSF x Near_LoA	-10,366	-0,062	0,275
CHR18	4165899	CHR18:4165899	SSF x Near_LoA	-7,443	-0,040	0,302
CHR18	4176033	CHR18:4176033	SSF x Near_LoA	1,770	-0,113	0,297
CHR18	4199568	CHR18:4199568	SSF x Near_LoA	-7,969	0,004	0,279
CHR18	4200189	CHR18:4200189	SSF x Near_LoA	-8,897	0,044	0,285

CHR18	4200190	CHR18:4200190	SSF x Near_LoA	-5,876	0,032	0,286
CHR18	4200207	CHR18:4200207	SSF x Near_LoA	-7,957	-0,052	0,276
CHR18	4200296	CHR18:4200296	SSF x Near_LoA	-7,960	0,164	0,277
CHR18	4203336	CHR18:4203336	SSF x Near_LoA	-2,639	-0,037	0,288
CHR18	4203438	CHR18:4203438	SSF x Near_LoA	-7,669	-0,046	0,278
CHR18	4207998	CHR18:4207998	SSF x Near_LoA	-1,712	0,160	0,290
CHR18	4208278	CHR18:4208278	SSF x Near_LoA	-8,661	-0,042	0,289
CHR18	4224994	CHR18:4224994	SSF x Near_LoA	-10,478	0,095	0,282
CHR18	4225054	CHR18:4225054	SSF x Near_LoA	-8,605	-0,017	0,279
CHR18	4228276	CHR18:4228276	SSF x Near_LoA	-7,201	0,074	0,299
CHR18	4229437	CHR18:4229437	SSF x Near_LoA	-5,028	0,147	0,283
CHR18	4229563	CHR18:4229563	SSF x Near_LoA	-4,261	0,142	0,276
CHR18	4241231	CHR18:4241231	SSF x Near_LoA	-11,062	0,064	0,275
CHR18	4241295	CHR18:4241295	SSF x Near_LoA	-11,116	0,000	0,294
CHR18	4241322	CHR18:4241322	SSF x Near_LoA	2,926	0,139	0,270
CHR18	4241367	CHR18:4241367	SSF x Near_LoA	-8,294	-0,051	0,282
CHR18	4241404	CHR18:4241404	SSF x Near_LoA	-8,076	0,104	0,289
CHR18	4266427	CHR18:4266427	SSF x Near_LoA	-5,235	-0,088	0,288
CHR18	4266557	CHR18:4266557	SSF x Near_LoA	-7,413	-0,006	0,288
CHR18	4268200	CHR18:4268200	SSF x Near_LoA	-3,995	0,187	0,283
CHR18	4268317	CHR18:4268317	SSF x Near_LoA	-7,518	-0,076	0,294
CHR18	4268344	CHR18:4268344	SSF x Near_LoA	-8,079	-0,017	0,290
CHR18	4305792	CHR18:4305792	SSF x Near_LoA	-7,784	0,064	0,284
CHR18	4306000	CHR18:4306000	SSF x Near_LoA	-10,022	0,044	0,278
CHR18	4319893	CHR18:4319893	SSF x Near_LoA	-5,481	-0,024	0,283
CHR18	4319899	CHR18:4319899	SSF x Near_LoA	-7,885	0,003	0,292
CHR18	4319965	CHR18:4319965	SSF x Near_LoA	-6,139	0,148	0,273
CHR18	4320056	CHR18:4320056	SSF x Near_LoA	-6,074	0,185	0,279
CHR18	4335537	CHR18:4335537	SSF x Near_LoA	-4,971	-0,024	0,290
CHR18	4335723	CHR18:4335723	SSF x Near_LoA	-7,242	0,109	0,288
CHR18	4335754	CHR18:4335754	SSF x Near_LoA	-11,107	0,055	0,286
CHR18	4348308	CHR18:4348308	SSF x Near_LoA	-5,980	0,072	0,291
CHR18	4375254	CHR18:4375254	SSF x Near_LoA	-9,661	0,007	0,282
CHR18	4375261	CHR18:4375261	SSF x Near_LoA	-6,935	-0,136	0,282
CHR18	4375264	CHR18:4375264	SSF x Near_LoA	-8,261	0,027	0,290
CHR18	4375271	CHR18:4375271	SSF x Near_LoA	-8,794	0,024	0,289
CHR18	4375281	CHR18:4375281	SSF x Near_LoA	-9,480	0,038	0,288
CHR18	4375322	CHR18:4375322	SSF x Near_LoA	-5,627	0,153	0,284
CHR18	4375351	CHR18:4375351	SSF x Near_LoA	-6,465	0,077	0,279
CHR18	4375409	CHR18:4375409	SSF x Near_LoA	-7,690	0,163	0,277
CHR18	4375449	CHR18:4375449	SSF x Near_LoA	-8,681	-0,073	0,279
CHR18	4383152	CHR18:4383152	SSF x Near_LoA	-7,825	0,002	0,288
CHR18	4383195	CHR18:4383195	SSF x Near_LoA	-6,781	0,100	0,282
CHR18	4385040	CHR18:4385040	SSF x Near_LoA	-8,538	0,093	0,279
CHR18	4421187	CHR18:4421187	SSF x Near_LoA	-9,514	-0,092	0,286
CHR18	4428006	CHR18:4428006	SSF x Near_LoA	-8,320	0,085	0,287
CHR18	4463266	CHR18:4463266	SSF x Near_LoA	-6,479	-0,051	0,289
CHR18	4478588	CHR18:4478588	SSF x Near_LoA	-7,951	-0,015	0,292
CHR18	4489768	CHR18:4489768	SSF x Near_LoA	-7,599	0,113	0,291
CHR18	4489919	CHR18:4489919	SSF x Near_LoA	-10,225	0,084	0,280
CHR18	4499049	CHR18:4499049	SSF x Near_LoA	-8,215	-0,038	0,280
CHR18	4501869	CHR18:4501869	SSF x Near_LoA	-1,557	0,191	0,278
CHR18	4516588	CHR18:4516588	SSF x Near_LoA	-9,225	0,044	0,278

CHR18	4539304	CHR18:4539304	SSF x Near_LoA	-4,506	0,010	0,295
CHR18	4539643	CHR18:4539643	SSF x Near_LoA	-7,878	-0,036	0,290
CHR18	4548118	CHR18:4548118	SSF x Near_LoA	-6,989	0,029	0,309
CHR18	4548236	CHR18:4548236	SSF x Near_LoA	-8,469	-0,016	0,283
CHR18	4548237	CHR18:4548237	SSF x Near_LoA	-7,294	0,055	0,294
CHR18	4548273	CHR18:4548273	SSF x Near_LoA	-7,877	-0,064	0,292
CHR18	4586374	CHR18:4586374	SSF x Near_LoA	-3,498	-0,142	0,279
CHR18	4596084	CHR18:4596084	SSF x Near_LoA	-8,632	-0,115	0,286
CHR18	4603297	CHR18:4603297	SSF x Near_LoA	-9,322	-0,027	0,280
CHR18	4610538	CHR18:4610538	SSF x Near_LoA	-6,217	-0,197	0,278
CHR18	4610648	CHR18:4610648	SSF x Near_LoA	-10,818	0,042	0,286
CHR18	4632187	CHR18:4632187	SSF x Near_LoA	-5,761	0,151	0,284
CHR18	4632250	CHR18:4632250	SSF x Near_LoA	-10,341	0,080	0,292
CHR18	4632339	CHR18:4632339	SSF x Near_LoA	-7,649	0,039	0,286
CHR18	4632355	CHR18:4632355	SSF x Near_LoA	-6,031	-0,152	0,287
CHR18	4641189	CHR18:4641189	SSF x Near_LoA	-7,720	0,054	0,284
CHR18	4645008	CHR18:4645008	SSF x Near_LoA	-9,113	0,035	0,284
CHR18	4645009	CHR18:4645009	SSF x Near_LoA	-9,919	0,034	0,299
CHR18	4647831	CHR18:4647831	SSF x Near_LoA	-5,565	-0,175	0,268
CHR18	4647923	CHR18:4647923	SSF x Near_LoA	-6,587	-0,161	0,270
CHR18	4650889	CHR18:4650889	SSF x Near_LoA	-3,796	-0,225	0,279
CHR18	4651766	CHR18:4651766	SSF x Near_LoA	-7,516	0,006	0,296
CHR18	4660187	CHR18:4660187	SSF x Near_LoA	-8,741	0,166	0,283
CHR18	4676898	CHR18:4676898	SSF x Near_LoA	-7,461	0,010	0,294
CHR18	4676956	CHR18:4676956	SSF x Near_LoA	-7,952	0,163	0,287
CHR18	4706812	CHR18:4706812	SSF x Near_LoA	0,091	-0,128	0,286
CHR18	4706846	CHR18:4706846	SSF x Near_LoA	-9,413	-0,025	0,282
CHR18	4712956	CHR18:4712956	SSF x Near_LoA	-7,783	-0,056	0,275
CHR18	4718647	CHR18:4718647	SSF x Near_LoA	-4,968	-0,142	0,277
CHR18	4763452	CHR18:4763452	SSF x Near_LoA	-7,278	-0,051	0,287
CHR18	4763560	CHR18:4763560	SSF x Near_LoA	-5,193	0,197	0,271
CHR18	4788504	CHR18:4788504	SSF x Near_LoA	-8,332	0,075	0,274
CHR18	4788508	CHR18:4788508	SSF x Near_LoA	1,634	0,274	0,256
CHR18	4788559	CHR18:4788559	SSF x Near_LoA	-9,587	0,067	0,267
CHR18	4788659	CHR18:4788659	SSF x Near_LoA	-8,588	0,097	0,285
CHR18	4788703	CHR18:4788703	SSF x Near_LoA	-7,782	0,122	0,279
CHR18	4806483	CHR18:4806483	SSF x Near_LoA	-7,238	0,104	0,301
CHR18	4814400	CHR18:4814400	SSF x Near_LoA	9,880	0,225	0,277
CHR18	4816936	CHR18:4816936	SSF x Near_LoA	-9,126	0,029	0,298
CHR18	4816953	CHR18:4816953	SSF x Near_LoA	-8,395	-0,059	0,289
CHR18	4816998	CHR18:4816998	SSF x Near_LoA	-8,759	-0,104	0,285
CHR18	4825270	CHR18:4825270	SSF x Near_LoA	-5,480	-0,054	0,294
CHR18	4830690	CHR18:4830690	SSF x Near_LoA	-9,500	0,098	0,285
CHR18	4830702	CHR18:4830702	SSF x Near_LoA	-9,945	0,125	0,279
CHR18	4830725	CHR18:4830725	SSF x Near_LoA	-9,220	0,011	0,292
CHR18	4836573	CHR18:4836573	SSF x Near_LoA	-8,180	-0,070	0,289
CHR18	4846918	CHR18:4846918	SSF x Near_LoA	-8,326	0,166	0,284
CHR18	4847782	CHR18:4847782	SSF x Near_LoA	-7,155	-0,065	0,285
CHR18	4847920	CHR18:4847920	SSF x Near_LoA	-8,600	0,051	0,293
CHR18	4876869	CHR18:4876869	SSF x Near_LoA	-7,312	-0,198	0,279
CHR18	4876958	CHR18:4876958	SSF x Near_LoA	-8,189	0,011	0,284
CHR18	4876989	CHR18:4876989	SSF x Near_LoA	-8,553	0,017	0,276
CHR18	4877019	CHR18:4877019	SSF x Near_LoA	-7,421	-0,001	0,293

CHR18	4877022	CHR18:4877022	SSF x Near_LoA	-8,180	0,007	0,285
CHR18	4877036	CHR18:4877036	SSF x Near_LoA	-7,541	-0,001	0,287
CHR18	4892245	CHR18:4892245	SSF x Near_LoA	-3,208	0,231	0,265
CHR18	4892380	CHR18:4892380	SSF x Near_LoA	-6,364	-0,187	0,264
CHR18	4892384	CHR18:4892384	SSF x Near_LoA	-6,920	-0,125	0,293
CHR18	4892425	CHR18:4892425	SSF x Near_LoA	-8,561	-0,116	0,286
CHR18	4906272	CHR18:4906272	SSF x Near_LoA	-9,306	-0,027	0,297
CHR18	4906355	CHR18:4906355	SSF x Near_LoA	-8,406	0,036	0,288
CHR18	4906399	CHR18:4906399	SSF x Near_LoA	-8,137	0,052	0,272
CHR18	4906462	CHR18:4906462	SSF x Near_LoA	-7,506	-0,136	0,279
CHR18	4926558	CHR18:4926558	SSF x Near_LoA	-8,023	0,000	0,304
CHR18	4926596	CHR18:4926596	SSF x Near_LoA	-9,397	0,057	0,287
CHR18	4931669	CHR18:4931669	SSF x Near_LoA	-4,619	-0,146	0,289
CHR18	4931766	CHR18:4931766	SSF x Near_LoA	-9,180	0,104	0,291
CHR18	4931915	CHR18:4931915	SSF x Near_LoA	-8,656	0,015	0,291
CHR18	4934195	CHR18:4934195	SSF x Near_LoA	-7,284	-0,043	0,300
CHR18	4934198	CHR18:4934198	SSF x Near_LoA	-8,039	-0,032	0,294
CHR18	4934230	CHR18:4934230	SSF x Near_LoA	-6,337	-0,171	0,276
CHR18	4934291	CHR18:4934291	SSF x Near_LoA	-10,166	-0,052	0,301
CHR18	4934294	CHR18:4934294	SSF x Near_LoA	-10,967	0,063	0,273
CHR18	4940818	CHR18:4940818	SSF x Near_LoA	-4,700	0,021	0,288
CHR18	4940854	CHR18:4940854	SSF x Near_LoA	-9,098	0,049	0,281
CHR18	4940860	CHR18:4940860	SSF x Near_LoA	-8,512	0,053	0,294
CHR18	4940921	CHR18:4940921	SSF x Near_LoA	-5,426	-0,050	0,300
CHR18	4942396	CHR18:4942396	SSF x Near_LoA	-6,897	0,165	0,264
CHR18	4942432	CHR18:4942432	SSF x Near_LoA	1,155	0,177	0,276
CHR18	4942455	CHR18:4942455	SSF x Near_LoA	-8,776	0,000	0,292
CHR18	4943794	CHR18:4943794	SSF x Near_LoA	-10,271	-0,063	0,283
CHR18	4944403	CHR18:4944403	SSF x Near_LoA	-9,632	-0,015	0,282
CHR18	4944460	CHR18:4944460	SSF x Near_LoA	-5,406	0,181	0,259
CHR18	4955122	CHR18:4955122	SSF x Near_LoA	-6,659	0,180	0,284
CHR18	4955124	CHR18:4955124	SSF x Near_LoA	-6,545	0,182	0,278
CHR18	4955131	CHR18:4955131	SSF x Near_LoA	-5,560	-0,090	0,294
CHR18	4955153	CHR18:4955153	SSF x Near_LoA	-6,712	0,174	0,285
CHR18	4955154	CHR18:4955154	SSF x Near_LoA	-4,241	-0,165	0,285
CHR18	4955157	CHR18:4955157	SSF x Near_LoA	-6,506	0,186	0,279
CHR18	4970353	CHR18:4970353	SSF x Near_LoA	-4,779	-0,120	0,282
CHR18	4970414	CHR18:4970414	SSF x Near_LoA	-7,429	-0,092	0,291
CHR18	4971389	CHR18:4971389	SSF x Near_LoA	-6,533	0,075	0,280
CHR18	4971412	CHR18:4971412	SSF x Near_LoA	-5,151	0,034	0,284
CHR18	4971433	CHR18:4971433	SSF x Near_LoA	-7,026	0,162	0,278
CHR18	4971467	CHR18:4971467	SSF x Near_LoA	-6,427	0,060	0,283
CHR18	4976559	CHR18:4976559	SSF x Near_LoA	8,395	0,150	0,283
CHR18	4976583	CHR18:4976583	SSF x Near_LoA	7,218	0,140	0,278
CHR18	4976655	CHR18:4976655	SSF x Near_LoA	-6,297	-0,057	0,280
CHR18	4976806	CHR18:4976806	SSF x Near_LoA	-8,951	0,091	0,292
CHR18	4976818	CHR18:4976818	SSF x Near_LoA	-9,237	0,096	0,285
CHR18	4976822	CHR18:4976822	SSF x Near_LoA	-6,331	-0,065	0,284
CHR18	4985151	CHR18:4985151	SSF x Near_LoA	-6,806	-0,087	0,279
CHR18	4985233	CHR18:4985233	SSF x Near_LoA	-8,786	-0,047	0,285
CHR18	4985236	CHR18:4985236	SSF x Near_LoA	-6,073	0,086	0,280
CHR18	4985462	CHR18:4985462	SSF x Near_LoA	-10,209	-0,068	0,277
CHR18	4987470	CHR18:4987470	SSF x Near_LoA	-10,236	-0,025	0,292

CHR18	4987496	CHR18:4987496	SSF x Near_LoA	-10,859	-0,007	0,277
CHR18	4987584	CHR18:4987584	SSF x Near_LoA	-8,421	0,173	0,286
CHR18	4987648	CHR18:4987648	SSF x Near_LoA	-7,419	0,126	0,284
CHR18	4987660	CHR18:4987660	SSF x Near_LoA	-5,920	0,066	0,278
CHR18	4987663	CHR18:4987663	SSF x Near_LoA	-7,165	0,008	0,291
CHR18	5007657	CHR18:5007657	SSF x Near_LoA	-9,407	0,003	0,281
CHR18	5007765	CHR18:5007765	SSF x Near_LoA	-7,290	0,115	0,284
CHR18	5007785	CHR18:5007785	SSF x Near_LoA	-10,086	0,014	0,286
CHR18	5007839	CHR18:5007839	SSF x Near_LoA	-7,130	-0,124	0,284
CHR18	5007866	CHR18:5007866	SSF x Near_LoA	-7,615	0,030	0,301
CHR18	5007896	CHR18:5007896	SSF x Near_LoA	-8,655	0,032	0,303
CHR18	5007991	CHR18:5007991	SSF x Near_LoA	-9,495	0,029	0,297
CHR18	5015406	CHR18:5015406	SSF x Near_LoA	-7,638	0,044	0,295
CHR18	5015464	CHR18:5015464	SSF x Near_LoA	-7,523	0,141	0,281
CHR18	5066495	CHR18:5066495	SSF x Near_LoA	-9,522	0,074	0,294
CHR18	5083216	CHR18:5083216	SSF x Near_LoA	-8,595	-0,108	0,281
CHR18	5090606	CHR18:5090606	SSF x Near_LoA	-4,781	-0,102	0,285
CHR18	5090608	CHR18:5090608	SSF x Near_LoA	-6,404	-0,108	0,293
CHR18	5090618	CHR18:5090618	SSF x Near_LoA	-6,463	-0,118	0,279
CHR18	5091916	CHR18:5091916	SSF x Near_LoA	-8,631	-0,091	0,279
CHR18	5204240	CHR18:5204240	SSF x Near_LoA	-10,330	0,069	0,283
CHR18	5204454	CHR18:5204454	SSF x Near_LoA	-3,614	-0,142	0,280
CHR18	5268954	CHR18:5268954	SSF x Near_LoA	-7,109	0,042	0,302
CHR1	1000519	CHR1:1000519	SSF x Far_LoA	-11,700	0,029	0,274
CHR1	1E+07	CHR1:10037261	SSF x Far_LoA	-9,795	-0,026	0,292
CHR1	1E+07	CHR1:10037387	SSF x Far_LoA	-10,694	-0,043	0,292
CHR1	1E+07	CHR1:10037456	SSF x Far_LoA	-9,131	0,092	0,285
CHR1	1E+07	CHR1:10053338	SSF x Far_LoA	-4,677	-0,005	0,300
CHR1	1E+07	CHR1:10053439	SSF x Far_LoA	-6,829	0,106	0,282
CHR1	1E+07	CHR1:10059095	SSF x Far_LoA	-8,917	-0,046	0,288
CHR1	1E+07	CHR1:10059096	SSF x Far_LoA	-8,875	-0,053	0,269
CHR1	1E+07	CHR1:10059243	SSF x Far_LoA	-9,228	0,083	0,297
CHR1	1E+07	CHR1:10059283	SSF x Far_LoA	-9,465	0,035	0,306
CHR1	1E+07	CHR1:10059284	SSF x Far_LoA	-8,569	0,019	0,296
CHR1	1E+07	CHR1:10059309	SSF x Far_LoA	-8,782	0,025	0,304
CHR1	1E+07	CHR1:10072000	SSF x Far_LoA	-8,684	0,031	0,303
CHR1	1E+07	CHR1:10072018	SSF x Far_LoA	-10,043	-0,025	0,292
CHR1	1E+07	CHR1:10072160	SSF x Far_LoA	-8,575	0,091	0,301
CHR1	1E+07	CHR1:10084964	SSF x Far_LoA	-11,384	0,023	0,298
CHR1	1E+07	CHR1:10084994	SSF x Far_LoA	-6,241	-0,151	0,271
CHR1	1E+07	CHR1:10091083	SSF x Far_LoA	-10,348	-0,016	0,285
CHR1	1E+07	CHR1:10091162	SSF x Far_LoA	-10,111	0,004	0,281
CHR1	1E+07	CHR1:10091173	SSF x Far_LoA	-5,769	-0,160	0,280
CHR1	1E+07	CHR1:10091216	SSF x Far_LoA	-4,482	-0,221	0,281
CHR1	1E+07	CHR1:10113535	SSF x Far_LoA	-8,983	-0,083	0,261
CHR1	1E+07	CHR1:10119068	SSF x Far_LoA	-9,282	0,047	0,285
CHR1	1E+07	CHR1:10119104	SSF x Far_LoA	-8,662	0,049	0,293
CHR1	1E+07	CHR1:10119109	SSF x Far_LoA	-10,378	-0,056	0,300
CHR1	1E+07	CHR1:10143002	SSF x Far_LoA	-8,695	-0,026	0,298
CHR1	1E+07	CHR1:10144058	SSF x Far_LoA	-8,315	-0,063	0,289
CHR1	1E+07	CHR1:10144114	SSF x Far_LoA	-8,887	-0,082	0,281
CHR1	1E+07	CHR1:10144143	SSF x Far_LoA	-8,612	0,000	0,287
CHR1	1E+07	CHR1:10155681	SSF x Far_LoA	-9,227	0,043	0,290

CHR1	1E+07	CHR1:10155733	SSF x Far_LoA	-9,478	0,012	0,293
CHR1	1E+07	CHR1:10177688	SSF x Far_LoA	-8,792	0,078	0,308
CHR1	1E+07	CHR1:10177689	SSF x Far_LoA	-10,606	0,102	0,289
CHR1	1E+07	CHR1:10229739	SSF x Far_LoA	-0,617	0,077	0,285
CHR1	1E+07	CHR1:10229896	SSF x Far_LoA	-7,843	0,057	0,298
CHR1	1E+07	CHR1:10229923	SSF x Far_LoA	-8,821	0,108	0,303
CHR1	1E+07	CHR1:10232364	SSF x Far_LoA	-11,139	0,022	0,284
CHR1	1E+07	CHR1:10239819	SSF x Far_LoA	-8,648	-0,108	0,285
CHR1	1E+07	CHR1:10247656	SSF x Far_LoA	-3,190	0,183	0,284
CHR1	1E+07	CHR1:10253500	SSF x Far_LoA	-8,703	-0,030	0,286
CHR1	1E+07	CHR1:10254348	SSF x Far_LoA	-11,311	0,047	0,299
CHR1	1E+07	CHR1:10254371	SSF x Far_LoA	-8,968	0,023	0,299
CHR1	1E+07	CHR1:10254372	SSF x Far_LoA	-8,166	0,023	0,275
CHR1	1E+07	CHR1:10298065	SSF x Far_LoA	-9,157	-0,141	0,279
CHR1	1E+07	CHR1:10298201	SSF x Far_LoA	-11,010	-0,010	0,285
CHR1	1E+07	CHR1:10349737	SSF x Far_LoA	-9,284	0,107	0,300
CHR1	1E+07	CHR1:10349928	SSF x Far_LoA	-10,521	-0,010	0,303
CHR1	1E+07	CHR1:10353561	SSF x Far_LoA	-7,423	-0,147	0,276
CHR1	1E+07	CHR1:10354311	SSF x Far_LoA	-10,236	0,030	0,296
CHR1	1E+07	CHR1:10354362	SSF x Far_LoA	-11,087	-0,040	0,277
CHR1	1E+07	CHR1:10354366	SSF x Far_LoA	-11,670	-0,032	0,306
CHR1	1036489	CHR1:1036489	SSF x Far_LoA	-10,672	0,079	0,293
CHR1	1036513	CHR1:1036513	SSF x Far_LoA	-9,294	-0,073	0,274
CHR1	1036519	CHR1:1036519	SSF x Far_LoA	-9,106	-0,084	0,276
CHR1	1036562	CHR1:1036562	SSF x Far_LoA	-10,426	0,000	0,297
CHR1	1036573	CHR1:1036573	SSF x Far_LoA	-7,656	-0,098	0,265
CHR1	1037838	CHR1:1037838	SSF x Far_LoA	-11,338	0,065	0,290
CHR1	1038023	CHR1:1038023	SSF x Far_LoA	-9,889	0,060	0,308
CHR1	1038584	CHR1:1038584	SSF x Far_LoA	-6,185	0,024	0,301
CHR1	1038586	CHR1:1038586	SSF x Far_LoA	-11,537	0,072	0,298
CHR1	1040797	CHR1:1040797	SSF x Far_LoA	-7,277	-0,064	0,283
CHR1	1041036	CHR1:1041036	SSF x Far_LoA	-10,484	-0,116	0,295
CHR1	1041110	CHR1:1041110	SSF x Far_LoA	-10,176	-0,081	0,285
CHR1	1E+07	CHR1:10415386	SSF x Far_LoA	-10,008	-0,010	0,271
CHR1	1E+07	CHR1:10441031	SSF x Far_LoA	-10,009	-0,100	0,295
CHR1	1E+07	CHR1:10453060	SSF x Far_LoA	-11,312	-0,034	0,287
CHR1	1E+07	CHR1:10462509	SSF x Far_LoA	-9,059	0,104	0,297
CHR1	1E+07	CHR1:10472765	SSF x Far_LoA	-10,485	-0,039	0,291
CHR1	10503142	CHR1:10503142	SSF x Far_LoA	-7,047	-0,150	0,291
CHR1	10503144	CHR1:10503144	SSF x Far_LoA	-8,785	-0,149	0,280
CHR1	10503201	CHR1:10503201	SSF x Far_LoA	-11,050	0,070	0,284
CHR1	10503270	CHR1:10503270	SSF x Far_LoA	-8,436	-0,015	0,281
CHR1	10503334	CHR1:10503334	SSF x Far_LoA	-10,059	0,028	0,306
CHR1	10503410	CHR1:10503410	SSF x Far_LoA	-9,735	-0,113	0,290
CHR1	10503444	CHR1:10503444	SSF x Far_LoA	-10,390	0,151	0,281
CHR1	10508911	CHR1:10508911	SSF x Far_LoA	-9,267	0,081	0,290
CHR1	1051624	CHR1:1051624	SSF x Far_LoA	-9,834	-0,110	0,286
CHR1	1051814	CHR1:1051814	SSF x Far_LoA	-9,621	-0,007	0,284
CHR1	1051832	CHR1:1051832	SSF x Far_LoA	-10,067	0,047	0,295
CHR1	1051885	CHR1:1051885	SSF x Far_LoA	-10,832	-0,034	0,296
CHR1	10533247	CHR1:10533247	SSF x Far_LoA	-8,614	0,035	0,288
CHR1	10544746	CHR1:10544746	SSF x Far_LoA	-7,403	0,166	0,292
CHR1	10544767	CHR1:10544767	SSF x Far_LoA	-9,327	0,046	0,296

CHR1	10544973	CHR1:10544973	SSF x Far_LoA	-10,790	0,043	0,293
CHR1	10562426	CHR1:10562426	SSF x Far_LoA	-6,224	-0,146	0,301
CHR1	10562433	CHR1:10562433	SSF x Far_LoA	-3,624	0,196	0,276
CHR1	10562538	CHR1:10562538	SSF x Far_LoA	-10,998	-0,021	0,292
CHR1	10562569	CHR1:10562569	SSF x Far_LoA	-8,278	-0,015	0,300
CHR1	10562688	CHR1:10562688	SSF x Far_LoA	-10,566	0,045	0,299
CHR1	10562690	CHR1:10562690	SSF x Far_LoA	-11,196	-0,035	0,300
CHR1	10567687	CHR1:10567687	SSF x Far_LoA	-8,060	-0,026	0,294
CHR1	10572838	CHR1:10572838	SSF x Far_LoA	-12,092	-0,028	0,286
CHR1	10578084	CHR1:10578084	SSF x Far_LoA	-8,858	0,088	0,281
CHR1	10578090	CHR1:10578090	SSF x Far_LoA	-7,560	0,095	0,277
CHR1	10578102	CHR1:10578102	SSF x Far_LoA	-7,798	-0,058	0,272
CHR1	10578121	CHR1:10578121	SSF x Far_LoA	-10,682	-0,046	0,284
CHR1	10578127	CHR1:10578127	SSF x Far_LoA	-10,715	-0,037	0,289
CHR1	10578139	CHR1:10578139	SSF x Far_LoA	-11,631	-0,008	0,292
CHR1	10585321	CHR1:10585321	SSF x Far_LoA	-6,861	-0,143	0,282
CHR1	10600984	CHR1:10600984	SSF x Far_LoA	-10,537	0,014	0,302
CHR1	10600987	CHR1:10600987	SSF x Far_LoA	-10,735	0,051	0,279
CHR1	10600988	CHR1:10600988	SSF x Far_LoA	-7,896	-0,084	0,297
CHR1	10602036	CHR1:10602036	SSF x Far_LoA	-11,899	0,074	0,284
CHR1	1060474	CHR1:1060474	SSF x Far_LoA	-10,640	-0,015	0,273
CHR1	1060612	CHR1:1060612	SSF x Far_LoA	-9,144	-0,122	0,282
CHR1	10606253	CHR1:10606253	SSF x Far_LoA	-8,772	0,089	0,279
CHR1	10606324	CHR1:10606324	SSF x Far_LoA	-8,262	0,042	0,303
CHR1	10606378	CHR1:10606378	SSF x Far_LoA	-7,301	0,026	0,300
CHR1	10606448	CHR1:10606448	SSF x Far_LoA	-9,596	0,021	0,289
CHR1	10606490	CHR1:10606490	SSF x Far_LoA	-8,126	-0,060	0,295
CHR1	10617299	CHR1:10617299	SSF x Far_LoA	-8,711	0,072	0,285
CHR1	10626283	CHR1:10626283	SSF x Far_LoA	-10,541	0,092	0,303
CHR1	10626528	CHR1:10626528	SSF x Far_LoA	-9,461	-0,114	0,295
CHR1	10626636	CHR1:10626636	SSF x Far_LoA	-10,808	0,033	0,274
CHR1	10626646	CHR1:10626646	SSF x Far_LoA	-8,721	0,039	0,272
CHR1	10631622	CHR1:10631622	SSF x Far_LoA	-4,686	-0,121	0,283
CHR1	10631708	CHR1:10631708	SSF x Far_LoA	-9,678	-0,161	0,295
CHR1	10647919	CHR1:10647919	SSF x Far_LoA	3,182	-0,217	0,283
CHR1	10647940	CHR1:10647940	SSF x Far_LoA	-7,923	-0,133	0,282
CHR1	10647959	CHR1:10647959	SSF x Far_LoA	-10,592	-0,006	0,298
CHR1	10648025	CHR1:10648025	SSF x Far_LoA	-9,767	0,029	0,273
CHR1	10660085	CHR1:10660085	SSF x Far_LoA	-10,332	0,004	0,297
CHR1	10660123	CHR1:10660123	SSF x Far_LoA	-10,065	-0,077	0,292
CHR1	10660174	CHR1:10660174	SSF x Far_LoA	-6,788	-0,175	0,275
CHR1	10660177	CHR1:10660177	SSF x Far_LoA	-6,791	0,191	0,289
CHR1	10698309	CHR1:10698309	SSF x Far_LoA	-10,102	-0,137	0,277
CHR1	10698357	CHR1:10698357	SSF x Far_LoA	-9,123	-0,112	0,294
CHR1	10705500	CHR1:10705500	SSF x Far_LoA	-9,985	-0,046	0,275
CHR1	10705583	CHR1:10705583	SSF x Far_LoA	-5,937	-0,117	0,301
CHR1	10709904	CHR1:10709904	SSF x Far_LoA	-10,109	-0,065	0,297
CHR1	10709909	CHR1:10709909	SSF x Far_LoA	-10,215	-0,062	0,296
CHR1	10709979	CHR1:10709979	SSF x Far_LoA	-6,314	0,126	0,290
CHR1	10710064	CHR1:10710064	SSF x Far_LoA	-8,831	0,051	0,285
CHR1	10735047	CHR1:10735047	SSF x Far_LoA	-8,332	-0,157	0,283
CHR1	10735062	CHR1:10735062	SSF x Far_LoA	-8,938	0,011	0,296
CHR1	10735124	CHR1:10735124	SSF x Far_LoA	-10,601	0,124	0,278

CHR1	10744740	CHR1:10744740	SSF x Far_LoA	-8,834	0,060	0,298
CHR1	10744990	CHR1:10744990	SSF x Far_LoA	-9,173	0,147	0,275
CHR1	10758323	CHR1:10758323	SSF x Far_LoA	-9,977	-0,129	0,290
CHR1	10760380	CHR1:10760380	SSF x Far_LoA	-6,865	-0,105	0,307
CHR1	10760460	CHR1:10760460	SSF x Far_LoA	-10,472	-0,078	0,294
CHR1	10760623	CHR1:10760623	SSF x Far_LoA	-9,164	-0,017	0,297
CHR1	10774712	CHR1:10774712	SSF x Far_LoA	-10,075	0,014	0,270
CHR1	10774797	CHR1:10774797	SSF x Far_LoA	-11,598	0,027	0,275
CHR1	10786051	CHR1:10786051	SSF x Far_LoA	-7,804	0,064	0,294
CHR1	10786542	CHR1:10786542	SSF x Far_LoA	-9,148	0,116	0,299
CHR1	10787337	CHR1:10787337	SSF x Far_LoA	-9,665	-0,117	0,290
CHR1	10787430	CHR1:10787430	SSF x Far_LoA	-8,310	-0,024	0,296
CHR1	10804858	CHR1:10804858	SSF x Far_LoA	-8,455	0,078	0,284
CHR1	10804859	CHR1:10804859	SSF x Far_LoA	-7,762	0,101	0,288
CHR1	10804947	CHR1:10804947	SSF x Far_LoA	-5,756	-0,076	0,296
CHR1	10804952	CHR1:10804952	SSF x Far_LoA	-8,192	-0,009	0,290
CHR1	10804974	CHR1:10804974	SSF x Far_LoA	-9,679	-0,027	0,289
CHR1	10804978	CHR1:10804978	SSF x Far_LoA	-9,405	0,010	0,283
CHR1	10805021	CHR1:10805021	SSF x Far_LoA	-10,171	-0,088	0,309
CHR1	10809487	CHR1:10809487	SSF x Far_LoA	-9,457	0,012	0,294
CHR1	10813309	CHR1:10813309	SSF x Far_LoA	-7,895	-0,079	0,296
CHR1	10813313	CHR1:10813313	SSF x Far_LoA	-1,918	-0,138	0,297
CHR1	10813394	CHR1:10813394	SSF x Far_LoA	-9,443	-0,053	0,296
CHR1	10816299	CHR1:10816299	SSF x Far_LoA	-8,410	-0,014	0,299
CHR1	10816305	CHR1:10816305	SSF x Far_LoA	-8,878	0,054	0,295
CHR1	10816345	CHR1:10816345	SSF x Far_LoA	-10,557	-0,069	0,297
CHR1	10816422	CHR1:10816422	SSF x Far_LoA	-9,017	-0,031	0,285
CHR1	10816493	CHR1:10816493	SSF x Far_LoA	-8,027	0,103	0,265
CHR1	10819338	CHR1:10819338	SSF x Far_LoA	-10,395	-0,107	0,293
CHR1	10831127	CHR1:10831127	SSF x Far_LoA	-11,100	0,020	0,305
CHR1	10831129	CHR1:10831129	SSF x Far_LoA	-6,155	-0,022	0,305
CHR1	10831166	CHR1:10831166	SSF x Far_LoA	-5,209	-0,129	0,261
CHR1	10831292	CHR1:10831292	SSF x Far_LoA	-8,829	-0,026	0,289
CHR1	10831302	CHR1:10831302	SSF x Far_LoA	-11,959	0,066	0,278
CHR1	10831394	CHR1:10831394	SSF x Far_LoA	-11,431	-0,073	0,289
CHR1	10884070	CHR1:10884070	SSF x Far_LoA	-8,242	0,030	0,293
CHR1	10884130	CHR1:10884130	SSF x Far_LoA	-10,335	0,079	0,275
CHR1	10884193	CHR1:10884193	SSF x Far_LoA	-7,725	0,077	0,300
CHR1	10885725	CHR1:10885725	SSF x Far_LoA	-8,558	0,065	0,296
CHR1	10885904	CHR1:10885904	SSF x Far_LoA	-9,757	-0,017	0,297
CHR1	10885912	CHR1:10885912	SSF x Far_LoA	-9,383	0,091	0,295
CHR1	10886053	CHR1:10886053	SSF x Far_LoA	-9,106	-0,146	0,292
CHR1	10888962	CHR1:10888962	SSF x Far_LoA	-9,370	-0,065	0,292
CHR1	10888964	CHR1:10888964	SSF x Far_LoA	-11,265	0,045	0,285
CHR1	10888975	CHR1:10888975	SSF x Far_LoA	-10,439	-0,049	0,279
CHR1	10888994	CHR1:10888994	SSF x Far_LoA	-8,306	0,024	0,277
CHR1	10889154	CHR1:10889154	SSF x Far_LoA	-7,004	0,079	0,294
CHR1	10889161	CHR1:10889161	SSF x Far_LoA	-9,412	-0,017	0,287
CHR1	10893044	CHR1:10893044	SSF x Far_LoA	-10,322	-0,054	0,303
CHR1	10906761	CHR1:10906761	SSF x Far_LoA	-10,682	-0,030	0,292
CHR1	10912269	CHR1:10912269	SSF x Far_LoA	-11,676	0,106	0,272
CHR1	10924355	CHR1:10924355	SSF x Far_LoA	-4,362	0,028	0,293
CHR1	10924414	CHR1:10924414	SSF x Far_LoA	-7,712	-0,013	0,289

CHR1	10924503	CHR1:10924503	SSF x Far_LoA	-8,534	-0,002	0,289
CHR1	10924514	CHR1:10924514	SSF x Far_LoA	-9,844	0,042	0,297
CHR1	10924666	CHR1:10924666	SSF x Far_LoA	-8,371	-0,099	0,300
CHR1	10932089	CHR1:10932089	SSF x Far_LoA	-9,112	-0,076	0,276
CHR1	1093210	CHR1:1093210	SSF x Far_LoA	-8,715	-0,144	0,274
CHR1	10932117	CHR1:10932117	SSF x Far_LoA	-11,256	-0,037	0,290
CHR1	1093229	CHR1:1093229	SSF x Far_LoA	-9,781	-0,119	0,279
CHR1	1093239	CHR1:1093239	SSF x Far_LoA	-7,315	-0,138	0,275
CHR1	10936469	CHR1:10936469	SSF x Far_LoA	-10,463	-0,020	0,287
CHR1	10938554	CHR1:10938554	SSF x Far_LoA	-9,772	0,131	0,294
CHR1	10957455	CHR1:10957455	SSF x Far_LoA	-6,716	0,076	0,292
CHR1	10957489	CHR1:10957489	SSF x Far_LoA	-8,881	0,045	0,286
CHR1	10957496	CHR1:10957496	SSF x Far_LoA	-8,842	0,069	0,295
CHR1	10957770	CHR1:10957770	SSF x Far_LoA	-8,025	0,104	0,278
CHR1	1096486	CHR1:1096486	SSF x Far_LoA	-11,127	0,033	0,298
CHR1	10983958	CHR1:10983958	SSF x Far_LoA	-8,596	-0,075	0,281
CHR1	10991234	CHR1:10991234	SSF x Far_LoA	-11,544	0,018	0,278
CHR1	10996976	CHR1:10996976	SSF x Far_LoA	-9,600	-0,022	0,282
CHR1	11009300	CHR1:11009300	SSF x Far_LoA	-7,535	0,116	0,279
CHR1	11009306	CHR1:11009306	SSF x Far_LoA	-10,003	0,098	0,283
CHR1	11009337	CHR1:11009337	SSF x Far_LoA	-10,034	0,063	0,281
CHR1	11013221	CHR1:11013221	SSF x Far_LoA	-11,734	-0,008	0,288
CHR1	11048567	CHR1:11048567	SSF x Far_LoA	-7,424	0,052	0,302
CHR1	11048574	CHR1:11048574	SSF x Far_LoA	-9,033	0,019	0,285
CHR1	11048598	CHR1:11048598	SSF x Far_LoA	-10,858	-0,004	0,292
CHR1	11048599	CHR1:11048599	SSF x Far_LoA	-9,031	0,102	0,284
CHR1	11048616	CHR1:11048616	SSF x Far_LoA	-10,383	0,028	0,285
CHR1	11048617	CHR1:11048617	SSF x Far_LoA	-11,613	0,059	0,281
CHR1	11048626	CHR1:11048626	SSF x Far_LoA	-10,959	0,003	0,286
CHR1	11048633	CHR1:11048633	SSF x Far_LoA	-11,271	0,029	0,275
CHR1	11048634	CHR1:11048634	SSF x Far_LoA	-10,619	-0,037	0,293
CHR1	11048635	CHR1:11048635	SSF x Far_LoA	-10,715	-0,013	0,293
CHR1	11048669	CHR1:11048669	SSF x Far_LoA	-10,885	-0,025	0,295
CHR1	11048745	CHR1:11048745	SSF x Far_LoA	-9,508	-0,064	0,279
CHR1	11048793	CHR1:11048793	SSF x Far_LoA	-12,298	-0,034	0,283
CHR1	11048802	CHR1:11048802	SSF x Far_LoA	-9,612	-0,066	0,289
CHR1	11048816	CHR1:11048816	SSF x Far_LoA	-3,860	-0,098	0,287
CHR1	11048819	CHR1:11048819	SSF x Far_LoA	-9,000	0,097	0,285
CHR1	11048822	CHR1:11048822	SSF x Far_LoA	-9,369	-0,095	0,306
CHR1	11048824	CHR1:11048824	SSF x Far_LoA	-9,037	-0,071	0,289
CHR1	11048828	CHR1:11048828	SSF x Far_LoA	-10,587	-0,073	0,303
CHR1	11048832	CHR1:11048832	SSF x Far_LoA	-8,293	-0,085	0,285
CHR1	11048836	CHR1:11048836	SSF x Far_LoA	-8,766	-0,074	0,298
CHR1	11048852	CHR1:11048852	SSF x Far_LoA	-9,997	-0,053	0,297
CHR1	11048855	CHR1:11048855	SSF x Far_LoA	-9,135	-0,071	0,283
CHR1	11048856	CHR1:11048856	SSF x Far_LoA	-9,671	0,028	0,292
CHR1	11048862	CHR1:11048862	SSF x Far_LoA	-10,069	0,116	0,272
CHR1	11048865	CHR1:11048865	SSF x Far_LoA	-9,881	-0,087	0,290
CHR1	11073556	CHR1:11073556	SSF x Far_LoA	-8,400	-0,006	0,288
CHR1	11073576	CHR1:11073576	SSF x Far_LoA	-9,372	0,095	0,284
CHR1	11073598	CHR1:11073598	SSF x Far_LoA	-3,744	0,132	0,278
CHR1	11073797	CHR1:11073797	SSF x Far_LoA	-9,284	-0,047	0,300
CHR1	11074748	CHR1:11074748	SSF x Far_LoA	-9,055	-0,012	0,283

CHR1	11074756	CHR1:11074756	SSF x Far_LoA	-8,428	-0,054	0,303
CHR1	11074788	CHR1:11074788	SSF x Far_LoA	-9,357	0,027	0,303
CHR1	11082369	CHR1:11082369	SSF x Far_LoA	-11,782	0,045	0,288
CHR1	11091166	CHR1:11091166	SSF x Far_LoA	-9,437	0,029	0,304
CHR1	11100337	CHR1:11100337	SSF x Far_LoA	-8,921	0,057	0,300
CHR1	11100350	CHR1:11100350	SSF x Far_LoA	-4,615	0,037	0,292
CHR1	1112630	CHR1:1112630	SSF x Far_LoA	-10,474	-0,045	0,284
CHR1	11127195	CHR1:11127195	SSF x Far_LoA	-10,542	0,097	0,288
CHR1	1112763	CHR1:1112763	SSF x Far_LoA	-9,428	0,029	0,290
CHR1	1113008	CHR1:1113008	SSF x Far_LoA	-5,242	-0,053	0,293
CHR1	11155916	CHR1:11155916	SSF x Far_LoA	-9,886	0,025	0,289
CHR1	11171417	CHR1:11171417	SSF x Far_LoA	-9,653	-0,029	0,282
CHR1	11171435	CHR1:11171435	SSF x Far_LoA	-9,041	-0,141	0,279
CHR1	11201692	CHR1:11201692	SSF x Far_LoA	-11,401	0,042	0,306
CHR1	11201714	CHR1:11201714	SSF x Far_LoA	-9,994	-0,065	0,298
CHR1	11201867	CHR1:11201867	SSF x Far_LoA	-7,889	-0,185	0,285
CHR1	11202041	CHR1:11202041	SSF x Far_LoA	-7,911	-0,124	0,284
CHR1	11202043	CHR1:11202043	SSF x Far_LoA	-8,269	0,009	0,301
CHR1	11209004	CHR1:11209004	SSF x Far_LoA	-11,013	-0,052	0,303
CHR1	1122354	CHR1:1122354	SSF x Far_LoA	-3,329	0,155	0,285
CHR1	1122360	CHR1:1122360	SSF x Far_LoA	-9,946	0,059	0,284
CHR1	11223685	CHR1:11223685	SSF x Far_LoA	-11,082	0,005	0,291
CHR1	11224312	CHR1:11224312	SSF x Far_LoA	-8,233	0,028	0,317
CHR1	11228654	CHR1:11228654	SSF x Far_LoA	-8,978	0,148	0,283
CHR1	11228702	CHR1:11228702	SSF x Far_LoA	-8,169	0,102	0,299
CHR1	11228855	CHR1:11228855	SSF x Far_LoA	-8,181	-0,097	0,286
CHR1	11228860	CHR1:11228860	SSF x Far_LoA	-6,169	0,209	0,274
CHR1	11243213	CHR1:11243213	SSF x Far_LoA	-11,953	-0,032	0,286
CHR1	11243318	CHR1:11243318	SSF x Far_LoA	-7,459	-0,110	0,285
CHR1	11249708	CHR1:11249708	SSF x Far_LoA	-11,139	0,087	0,280
CHR1	11249865	CHR1:11249865	SSF x Far_LoA	-6,925	-0,044	0,288
CHR1	11249870	CHR1:11249870	SSF x Far_LoA	-9,453	0,055	0,309
CHR1	11256575	CHR1:11256575	SSF x Far_LoA	-7,883	-0,048	0,298
CHR1	11265177	CHR1:11265177	SSF x Far_LoA	-7,784	-0,013	0,300
CHR1	11266728	CHR1:11266728	SSF x Far_LoA	-2,003	-0,106	0,283
CHR1	11266953	CHR1:11266953	SSF x Far_LoA	-9,182	-0,019	0,284
CHR1	11271653	CHR1:11271653	SSF x Far_LoA	-8,932	-0,026	0,290
CHR1	11280493	CHR1:11280493	SSF x Far_LoA	-10,737	0,007	0,289
CHR1	11280519	CHR1:11280519	SSF x Far_LoA	-10,094	-0,126	0,297
CHR1	11280555	CHR1:11280555	SSF x Far_LoA	-11,695	0,009	0,287
CHR1	11283354	CHR1:11283354	SSF x Far_LoA	-8,169	-0,186	0,303
CHR1	11300969	CHR1:11300969	SSF x Far_LoA	-7,126	-0,197	0,283
CHR1	11301061	CHR1:11301061	SSF x Far_LoA	-6,798	-0,115	0,288
CHR1	11301255	CHR1:11301255	SSF x Far_LoA	-11,730	0,053	0,286
CHR1	11301301	CHR1:11301301	SSF x Far_LoA	-7,353	0,148	0,300
CHR1	11301304	CHR1:11301304	SSF x Far_LoA	-9,820	-0,128	0,286
CHR1	11301374	CHR1:11301374	SSF x Far_LoA	-11,139	-0,065	0,296
CHR1	11304001	CHR1:11304001	SSF x Far_LoA	-10,445	0,082	0,289
CHR1	11304084	CHR1:11304084	SSF x Far_LoA	-9,691	0,058	0,292
CHR1	11314719	CHR1:11314719	SSF x Far_LoA	2,740	-0,203	0,282
CHR1	11314839	CHR1:11314839	SSF x Far_LoA	-9,564	0,084	0,293
CHR1	11323757	CHR1:11323757	SSF x Far_LoA	-7,752	0,008	0,291
CHR1	11325037	CHR1:11325037	SSF x Far_LoA	-10,047	0,016	0,294

CHR1	11325039	CHR1:11325039	SSF x Far_LoA	-7,326	-0,124	0,286
CHR1	11339649	CHR1:11339649	SSF x Far_LoA	-10,952	0,059	0,292
CHR1	11347239	CHR1:11347239	SSF x Far_LoA	-11,163	0,074	0,290
CHR1	11347284	CHR1:11347284	SSF x Far_LoA	-7,808	-0,079	0,293
CHR1	11355439	CHR1:11355439	SSF x Far_LoA	-8,935	0,029	0,290
CHR1	11355493	CHR1:11355493	SSF x Far_LoA	-7,030	0,023	0,298
CHR1	11355532	CHR1:11355532	SSF x Far_LoA	-10,116	0,064	0,300
CHR1	11367601	CHR1:11367601	SSF x Far_LoA	-9,935	0,150	0,278
CHR1	11367741	CHR1:11367741	SSF x Far_LoA	-9,183	0,081	0,298
CHR1	1136941	CHR1:1136941	SSF x Far_LoA	-7,908	-0,125	0,292
CHR1	1137058	CHR1:1137058	SSF x Far_LoA	-10,084	-0,016	0,304
CHR1	1137198	CHR1:1137198	SSF x Far_LoA	-9,070	0,000	0,286
CHR1	11379164	CHR1:11379164	SSF x Far_LoA	-10,269	0,127	0,280
CHR1	11390736	CHR1:11390736	SSF x Far_LoA	-8,686	0,008	0,304
CHR1	11399106	CHR1:11399106	SSF x Far_LoA	-7,236	0,003	0,306
CHR1	11399125	CHR1:11399125	SSF x Far_LoA	-9,694	-0,027	0,295
CHR1	11404516	CHR1:11404516	SSF x Far_LoA	-10,684	-0,057	0,291
CHR1	11407568	CHR1:11407568	SSF x Far_LoA	-9,420	0,017	0,277
CHR1	11407664	CHR1:11407664	SSF x Far_LoA	-11,434	-0,003	0,282
CHR1	11411880	CHR1:11411880	SSF x Far_LoA	-10,441	0,052	0,292
CHR1	11411915	CHR1:11411915	SSF x Far_LoA	-8,270	0,110	0,294
CHR1	11411938	CHR1:11411938	SSF x Far_LoA	-3,134	0,091	0,293
CHR1	11412021	CHR1:11412021	SSF x Far_LoA	-10,218	-0,067	0,291
CHR1	11429307	CHR1:11429307	SSF x Far_LoA	-10,850	0,028	0,304
CHR1	11429471	CHR1:11429471	SSF x Far_LoA	-8,067	-0,087	0,295
CHR1	11456106	CHR1:11456106	SSF x Far_LoA	-8,792	0,030	0,288
CHR1	11456125	CHR1:11456125	SSF x Far_LoA	-9,268	0,027	0,294
CHR1	1145960	CHR1:1145960	SSF x Far_LoA	-6,616	0,101	0,296
CHR1	11461020	CHR1:11461020	SSF x Far_LoA	-10,100	0,022	0,272
CHR1	11480344	CHR1:11480344	SSF x Far_LoA	-9,207	-0,097	0,284
CHR1	11480456	CHR1:11480456	SSF x Far_LoA	-9,142	0,137	0,296
CHR1	11493516	CHR1:11493516	SSF x Far_LoA	-10,464	-0,103	0,282
CHR1	11493723	CHR1:11493723	SSF x Far_LoA	-8,601	0,049	0,296
CHR1	1149662	CHR1:1149662	SSF x Far_LoA	-8,630	0,062	0,297
CHR1	1149791	CHR1:1149791	SSF x Far_LoA	-7,606	-0,075	0,291
CHR1	11503047	CHR1:11503047	SSF x Far_LoA	-10,343	-0,015	0,288
CHR1	11506505	CHR1:11506505	SSF x Far_LoA	-10,089	-0,023	0,285
CHR1	11513930	CHR1:11513930	SSF x Far_LoA	-12,258	0,032	0,292
CHR1	11514111	CHR1:11514111	SSF x Far_LoA	-10,101	0,011	0,297
CHR1	1170977	CHR1:1170977	SSF x Far_LoA	-12,174	0,059	0,279
CHR1	1222967	CHR1:1222967	SSF x Far_LoA	-8,073	-0,052	0,305
CHR1	1223147	CHR1:1223147	SSF x Far_LoA	-8,686	-0,016	0,302
CHR1	1230945	CHR1:1230945	SSF x Far_LoA	-7,257	-0,012	0,292
CHR1	1230967	CHR1:1230967	SSF x Far_LoA	-7,944	-0,131	0,287
CHR1	1235948	CHR1:1235948	SSF x Far_LoA	-10,862	0,091	0,276
CHR1	1236225	CHR1:1236225	SSF x Far_LoA	-10,418	-0,032	0,287
CHR1	12451878	CHR1:12451878	SSF x Far_LoA	-0,111	-0,088	0,290
CHR1	12451978	CHR1:12451978	SSF x Far_LoA	-9,121	0,064	0,297
CHR1	12465155	CHR1:12465155	SSF x Far_LoA	-8,447	-0,003	0,317
CHR1	12465409	CHR1:12465409	SSF x Far_LoA	-10,431	0,041	0,293
CHR1	12475759	CHR1:12475759	SSF x Far_LoA	-8,569	-0,117	0,298
CHR1	12476001	CHR1:12476001	SSF x Far_LoA	-10,051	0,015	0,292
CHR1	12476007	CHR1:12476007	SSF x Far_LoA	-8,582	0,113	0,279

CHR1	12478421	CHR1:12478421	SSF x Far_LoA	-9,388	0,052	0,304
CHR1	12478676	CHR1:12478676	SSF x Far_LoA	-11,180	-0,080	0,277
CHR1	1247888	CHR1:1247888	SSF x Far_LoA	-9,156	-0,095	0,294
CHR1	12508564	CHR1:12508564	SSF x Far_LoA	-8,990	0,055	0,300
CHR1	12510169	CHR1:12510169	SSF x Far_LoA	-9,392	0,031	0,297
CHR1	12510228	CHR1:12510228	SSF x Far_LoA	-10,371	0,035	0,282
CHR1	12517607	CHR1:12517607	SSF x Far_LoA	-8,249	-0,051	0,295
CHR1	12535315	CHR1:12535315	SSF x Far_LoA	-4,785	0,024	0,301
CHR1	12544981	CHR1:12544981	SSF x Far_LoA	-7,141	0,012	0,284
CHR1	12557437	CHR1:12557437	SSF x Far_LoA	-11,428	0,030	0,296
CHR1	12557516	CHR1:12557516	SSF x Far_LoA	-6,967	-0,029	0,303
CHR1	1256520	CHR1:1256520	SSF x Far_LoA	-2,118	-0,125	0,273
CHR1	1256576	CHR1:1256576	SSF x Far_LoA	-7,708	-0,065	0,285
CHR1	12570612	CHR1:12570612	SSF x Far_LoA	-10,165	-0,042	0,285
CHR1	12599832	CHR1:12599832	SSF x Far_LoA	-8,255	0,192	0,285
CHR1	12649709	CHR1:12649709	SSF x Far_LoA	-8,955	-0,153	0,293
CHR1	12649717	CHR1:12649717	SSF x Far_LoA	-9,563	0,144	0,274
CHR1	12651552	CHR1:12651552	SSF x Far_LoA	-0,047	0,073	0,280
CHR1	12667752	CHR1:12667752	SSF x Far_LoA	-9,465	0,100	0,288
CHR1	12667788	CHR1:12667788	SSF x Far_LoA	-12,378	-0,070	0,284
CHR1	12695069	CHR1:12695069	SSF x Far_LoA	-8,821	-0,064	0,284
CHR1	12695362	CHR1:12695362	SSF x Far_LoA	-11,721	-0,026	0,290
CHR1	12695364	CHR1:12695364	SSF x Far_LoA	-8,345	-0,074	0,278
CHR1	12730016	CHR1:12730016	SSF x Far_LoA	-9,457	-0,038	0,292
CHR1	12745700	CHR1:12745700	SSF x Far_LoA	-9,357	0,034	0,312
CHR1	12745873	CHR1:12745873	SSF x Far_LoA	-9,250	-0,065	0,307
CHR1	1275751	CHR1:1275751	SSF x Far_LoA	-7,591	0,006	0,306
CHR1	1275822	CHR1:1275822	SSF x Far_LoA	-10,583	0,021	0,301
CHR1	1275828	CHR1:1275828	SSF x Far_LoA	-9,472	-0,015	0,292
CHR1	1275873	CHR1:1275873	SSF x Far_LoA	-10,932	0,018	0,298
CHR1	1275882	CHR1:1275882	SSF x Far_LoA	-7,860	0,188	0,270
CHR1	1275957	CHR1:1275957	SSF x Far_LoA	-9,546	0,010	0,295
CHR1	1276153	CHR1:1276153	SSF x Far_LoA	-8,271	0,074	0,284
CHR1	12766340	CHR1:12766340	SSF x Far_LoA	-2,479	-0,063	0,291
CHR1	12766341	CHR1:12766341	SSF x Far_LoA	-6,226	0,073	0,282
CHR1	12766396	CHR1:12766396	SSF x Far_LoA	-8,076	0,029	0,295
CHR1	12766621	CHR1:12766621	SSF x Far_LoA	-8,740	-0,155	0,278
CHR1	12769505	CHR1:12769505	SSF x Far_LoA	-8,479	0,093	0,289
CHR1	1278583	CHR1:1278583	SSF x Far_LoA	-11,015	0,059	0,280
CHR1	1278590	CHR1:1278590	SSF x Far_LoA	-10,424	0,045	0,282
CHR1	1278612	CHR1:1278612	SSF x Far_LoA	-10,508	0,058	0,284
CHR1	1278626	CHR1:1278626	SSF x Far_LoA	-12,618	-0,008	0,284
CHR1	12788161	CHR1:12788161	SSF x Far_LoA	-11,869	0,049	0,294
CHR1	12824486	CHR1:12824486	SSF x Far_LoA	-9,730	0,000	0,283
CHR1	12837397	CHR1:12837397	SSF x Far_LoA	-11,315	0,050	0,294
CHR1	12842699	CHR1:12842699	SSF x Far_LoA	-9,223	-0,015	0,296
CHR1	12842747	CHR1:12842747	SSF x Far_LoA	-10,389	0,078	0,285
CHR1	12842779	CHR1:12842779	SSF x Far_LoA	-11,463	0,055	0,288
CHR1	12842829	CHR1:12842829	SSF x Far_LoA	-11,925	-0,026	0,280
CHR1	12843097	CHR1:12843097	SSF x Far_LoA	-8,672	-0,173	0,287
CHR1	12844270	CHR1:12844270	SSF x Far_LoA	-8,980	-0,025	0,305
CHR1	12855160	CHR1:12855160	SSF x Far_LoA	-8,419	-0,012	0,307
CHR1	12855182	CHR1:12855182	SSF x Far_LoA	-10,114	0,036	0,286

CHR1	12855279	CHR1:12855279	SSF x Far_LoA	-7,511	-0,101	0,297
CHR1	12855424	CHR1:12855424	SSF x Far_LoA	-9,026	0,021	0,282
CHR1	12855447	CHR1:12855447	SSF x Far_LoA	-9,759	-0,014	0,317
CHR1	12883713	CHR1:12883713	SSF x Far_LoA	-8,297	0,056	0,286
CHR1	12883971	CHR1:12883971	SSF x Far_LoA	-9,750	0,014	0,291
CHR1	12884043	CHR1:12884043	SSF x Far_LoA	-9,276	-0,008	0,294
CHR1	12884052	CHR1:12884052	SSF x Far_LoA	-9,057	0,014	0,278
CHR1	12895277	CHR1:12895277	SSF x Far_LoA	-11,851	0,001	0,289
CHR1	12910365	CHR1:12910365	SSF x Far_LoA	-7,999	-0,093	0,305
CHR1	12910409	CHR1:12910409	SSF x Far_LoA	-10,836	-0,074	0,285
CHR1	12910494	CHR1:12910494	SSF x Far_LoA	-9,410	0,036	0,297
CHR1	12910496	CHR1:12910496	SSF x Far_LoA	-9,263	0,053	0,303
CHR1	12910497	CHR1:12910497	SSF x Far_LoA	-8,587	0,035	0,297
CHR1	12910528	CHR1:12910528	SSF x Far_LoA	-7,947	0,025	0,299
CHR1	12910536	CHR1:12910536	SSF x Far_LoA	-11,654	0,025	0,289
CHR1	12911644	CHR1:12911644	SSF x Far_LoA	-7,732	-0,061	0,293
CHR1	12912964	CHR1:12912964	SSF x Far_LoA	-7,696	0,049	0,299
CHR1	12913169	CHR1:12913169	SSF x Far_LoA	-9,866	0,012	0,289
CHR1	12935044	CHR1:12935044	SSF x Far_LoA	-7,498	0,106	0,279
CHR1	12978698	CHR1:12978698	SSF x Far_LoA	-8,125	0,074	0,304
CHR1	12986426	CHR1:12986426	SSF x Far_LoA	-10,495	-0,059	0,293
CHR1	12986524	CHR1:12986524	SSF x Far_LoA	-8,179	0,026	0,286
CHR1	12986558	CHR1:12986558	SSF x Far_LoA	-7,945	0,083	0,292
CHR1	12986731	CHR1:12986731	SSF x Far_LoA	-8,803	0,044	0,291
CHR1	13002452	CHR1:13002452	SSF x Far_LoA	-8,462	-0,021	0,303
CHR1	13002601	CHR1:13002601	SSF x Far_LoA	-11,869	0,042	0,286
CHR1	13002602	CHR1:13002602	SSF x Far_LoA	-11,287	-0,088	0,280
CHR1	13018846	CHR1:13018846	SSF x Far_LoA	-10,749	0,112	0,286
CHR1	13026234	CHR1:13026234	SSF x Far_LoA	-9,544	0,082	0,301
CHR1	13030206	CHR1:13030206	SSF x Far_LoA	-9,114	-0,048	0,273
CHR1	13046429	CHR1:13046429	SSF x Far_LoA	-9,643	-0,079	0,288
CHR1	13046518	CHR1:13046518	SSF x Far_LoA	-8,127	-0,089	0,286
CHR1	13068867	CHR1:13068867	SSF x Far_LoA	-9,449	0,010	0,299
CHR1	1308561	CHR1:1308561	SSF x Far_LoA	-12,398	-0,037	0,272
CHR1	1308777	CHR1:1308777	SSF x Far_LoA	-7,131	0,013	0,296
CHR1	1308789	CHR1:1308789	SSF x Far_LoA	-6,410	-0,148	0,295
CHR1	1308892	CHR1:1308892	SSF x Far_LoA	-9,059	0,073	0,275
CHR1	1308903	CHR1:1308903	SSF x Far_LoA	-7,486	0,200	0,257
CHR1	1308920	CHR1:1308920	SSF x Far_LoA	-6,325	0,152	0,290
CHR1	13104439	CHR1:13104439	SSF x Far_LoA	-10,218	0,088	0,301
CHR1	13104711	CHR1:13104711	SSF x Far_LoA	-8,593	0,101	0,287
CHR1	13110850	CHR1:13110850	SSF x Far_LoA	-10,624	-0,012	0,295
CHR1	13115197	CHR1:13115197	SSF x Far_LoA	-10,008	0,030	0,283
CHR1	13127181	CHR1:13127181	SSF x Far_LoA	-5,730	0,086	0,295
CHR1	13127185	CHR1:13127185	SSF x Far_LoA	-11,357	0,002	0,299
CHR1	13127366	CHR1:13127366	SSF x Far_LoA	-12,197	-0,030	0,290
CHR1	13127383	CHR1:13127383	SSF x Far_LoA	-9,258	-0,052	0,289
CHR1	13149141	CHR1:13149141	SSF x Far_LoA	-7,935	0,028	0,276
CHR1	13150609	CHR1:13150609	SSF x Far_LoA	-8,551	0,101	0,283
CHR1	13150636	CHR1:13150636	SSF x Far_LoA	-8,874	0,040	0,298
CHR1	13152062	CHR1:13152062	SSF x Far_LoA	-4,924	-0,049	0,291
CHR1	13152067	CHR1:13152067	SSF x Far_LoA	-9,134	-0,035	0,297
CHR1	13152099	CHR1:13152099	SSF x Far_LoA	-10,346	-0,008	0,289

CHR1	1320475	CHR1:1320475	SSF x Far_LoA	-5,874	0,096	0,282
CHR1	13205358	CHR1:13205358	SSF x Far_LoA	-10,302	0,003	0,282
CHR1	13222387	CHR1:13222387	SSF x Far_LoA	-10,200	-0,069	0,301
CHR1	13222411	CHR1:13222411	SSF x Far_LoA	-10,173	-0,092	0,277
CHR1	13222457	CHR1:13222457	SSF x Far_LoA	-10,588	0,034	0,299
CHR1	13222644	CHR1:13222644	SSF x Far_LoA	-11,082	0,023	0,280
CHR1	13222849	CHR1:13222849	SSF x Far_LoA	-8,168	0,043	0,282
CHR1	13229356	CHR1:13229356	SSF x Far_LoA	-10,231	-0,012	0,288
CHR1	13229462	CHR1:13229462	SSF x Far_LoA	-9,297	0,000	0,301
CHR1	13234745	CHR1:13234745	SSF x Far_LoA	-10,632	-0,022	0,281
CHR1	13237735	CHR1:13237735	SSF x Far_LoA	-9,547	0,036	0,295
CHR1	13238053	CHR1:13238053	SSF x Far_LoA	-5,310	0,006	0,301
CHR1	13238141	CHR1:13238141	SSF x Far_LoA	-8,260	-0,007	0,290
CHR1	13252435	CHR1:13252435	SSF x Far_LoA	-11,208	0,112	0,294
CHR1	13260712	CHR1:13260712	SSF x Far_LoA	-8,809	0,056	0,292
CHR1	13261034	CHR1:13261034	SSF x Far_LoA	-11,723	-0,007	0,293
CHR1	13273050	CHR1:13273050	SSF x Far_LoA	-6,385	0,120	0,294
CHR1	13283503	CHR1:13283503	SSF x Far_LoA	-6,972	0,009	0,290
CHR1	13291844	CHR1:13291844	SSF x Far_LoA	-9,034	-0,006	0,292
CHR1	13311144	CHR1:13311144	SSF x Far_LoA	-9,415	0,107	0,289
CHR1	13324891	CHR1:13324891	SSF x Far_LoA	-8,436	-0,048	0,292
CHR1	13337758	CHR1:13337758	SSF x Far_LoA	-10,381	0,027	0,299
CHR1	13337950	CHR1:13337950	SSF x Far_LoA	-7,151	0,116	0,291
CHR1	13341860	CHR1:13341860	SSF x Far_LoA	-7,993	0,081	0,293
CHR1	1334402	CHR1:1334402	SSF x Far_LoA	-8,271	-0,046	0,279
CHR1	1334495	CHR1:1334495	SSF x Far_LoA	-10,310	-0,116	0,293
CHR1	13348318	CHR1:13348318	SSF x Far_LoA	-9,095	-0,059	0,316
CHR1	13350695	CHR1:13350695	SSF x Far_LoA	-9,323	-0,034	0,283
CHR1	1335459	CHR1:1335459	SSF x Far_LoA	-11,162	0,061	0,299
CHR1	1335904	CHR1:1335904	SSF x Far_LoA	-9,157	0,006	0,294
CHR1	13372473	CHR1:13372473	SSF x Far_LoA	-11,755	0,017	0,285
CHR1	13372522	CHR1:13372522	SSF x Far_LoA	-8,821	-0,058	0,291
CHR1	13372549	CHR1:13372549	SSF x Far_LoA	-8,069	0,080	0,292
CHR1	13372631	CHR1:13372631	SSF x Far_LoA	-9,545	0,043	0,292
CHR1	13372688	CHR1:13372688	SSF x Far_LoA	-9,713	0,126	0,288
CHR1	13379164	CHR1:13379164	SSF x Far_LoA	16,790	-0,276	0,282
CHR1	13379178	CHR1:13379178	SSF x Far_LoA	-9,761	0,049	0,296
CHR1	13379261	CHR1:13379261	SSF x Far_LoA	-11,470	0,035	0,289
CHR1	1338125	CHR1:1338125	SSF x Far_LoA	-10,560	0,004	0,289
CHR1	1338326	CHR1:1338326	SSF x Far_LoA	-9,711	-0,066	0,296
CHR1	13392824	CHR1:13392824	SSF x Far_LoA	-10,767	0,005	0,302
CHR1	13392888	CHR1:13392888	SSF x Far_LoA	-11,394	0,006	0,294
CHR1	13403947	CHR1:13403947	SSF x Far_LoA	-7,703	0,078	0,294
CHR1	13404031	CHR1:13404031	SSF x Far_LoA	-9,182	0,105	0,286
CHR1	13404038	CHR1:13404038	SSF x Far_LoA	-10,326	0,080	0,300
CHR1	13418287	CHR1:13418287	SSF x Far_LoA	-9,038	-0,035	0,293
CHR1	13419755	CHR1:13419755	SSF x Far_LoA	-5,606	-0,086	0,277
CHR1	13431021	CHR1:13431021	SSF x Far_LoA	-12,239	0,033	0,279
CHR1	1343852	CHR1:1343852	SSF x Far_LoA	-9,658	-0,034	0,291
CHR1	13439617	CHR1:13439617	SSF x Far_LoA	-8,929	-0,029	0,297
CHR1	1343995	CHR1:1343995	SSF x Far_LoA	-9,596	-0,137	0,290
CHR1	1344008	CHR1:1344008	SSF x Far_LoA	-7,211	0,153	0,293
CHR1	1344029	CHR1:1344029	SSF x Far_LoA	-8,258	0,079	0,294

CHR1	13444957	CHR1:13444957	SSF x Far_LoA	-9,621	-0,061	0,290
CHR1	13460868	CHR1:13460868	SSF x Far_LoA	-9,549	-0,068	0,289
CHR1	13461089	CHR1:13461089	SSF x Far_LoA	-9,416	-0,071	0,277
CHR1	13465950	CHR1:13465950	SSF x Far_LoA	-8,434	0,069	0,259
CHR1	13466056	CHR1:13466056	SSF x Far_LoA	-7,152	-0,031	0,298
CHR1	13466079	CHR1:13466079	SSF x Far_LoA	-6,488	0,108	0,266
CHR1	13466172	CHR1:13466172	SSF x Far_LoA	-8,700	0,007	0,290
CHR1	13466224	CHR1:13466224	SSF x Far_LoA	-8,833	0,063	0,289
CHR1	13479123	CHR1:13479123	SSF x Far_LoA	-10,888	0,051	0,301
CHR1	13519533	CHR1:13519533	SSF x Far_LoA	-5,123	-0,153	0,282
CHR1	13548806	CHR1:13548806	SSF x Far_LoA	-10,529	-0,069	0,306
CHR1	13548814	CHR1:13548814	SSF x Far_LoA	-8,129	0,118	0,285
CHR1	13549101	CHR1:13549101	SSF x Far_LoA	-11,396	0,012	0,293
CHR1	13549122	CHR1:13549122	SSF x Far_LoA	-8,660	0,156	0,283
CHR1	13572138	CHR1:13572138	SSF x Far_LoA	-10,257	0,063	0,285
CHR1	1357943	CHR1:1357943	SSF x Far_LoA	-10,183	-0,080	0,296
CHR1	1358003	CHR1:1358003	SSF x Far_LoA	-8,815	0,071	0,288
CHR1	13581286	CHR1:13581286	SSF x Far_LoA	-10,363	-0,095	0,286
CHR1	13611578	CHR1:13611578	SSF x Far_LoA	-8,596	0,079	0,291
CHR1	13611605	CHR1:13611605	SSF x Far_LoA	-11,394	-0,006	0,295
CHR1	13611623	CHR1:13611623	SSF x Far_LoA	-5,854	0,146	0,277
CHR1	13611762	CHR1:13611762	SSF x Far_LoA	-9,870	-0,020	0,300
CHR1	13611810	CHR1:13611810	SSF x Far_LoA	-11,187	0,030	0,299
CHR1	1361849	CHR1:1361849	SSF x Far_LoA	-8,890	0,012	0,282
CHR1	13636894	CHR1:13636894	SSF x Far_LoA	-7,090	0,157	0,287
CHR1	13651382	CHR1:13651382	SSF x Far_LoA	-5,811	-0,114	0,286
CHR1	13651433	CHR1:13651433	SSF x Far_LoA	-9,790	-0,060	0,281
CHR1	13651454	CHR1:13651454	SSF x Far_LoA	-10,278	-0,073	0,299
CHR1	13665301	CHR1:13665301	SSF x Far_LoA	-7,025	-0,022	0,300
CHR1	13668009	CHR1:13668009	SSF x Far_LoA	-10,738	0,103	0,299
CHR1	13680463	CHR1:13680463	SSF x Far_LoA	-6,425	0,042	0,280
CHR1	13680481	CHR1:13680481	SSF x Far_LoA	-10,350	0,040	0,292
CHR1	13681547	CHR1:13681547	SSF x Far_LoA	-9,431	-0,060	0,289
CHR1	13690946	CHR1:13690946	SSF x Far_LoA	-8,901	-0,039	0,290
CHR1	13712245	CHR1:13712245	SSF x Far_LoA	-8,317	0,118	0,294
CHR1	13720297	CHR1:13720297	SSF x Far_LoA	-8,031	-0,006	0,299
CHR1	13724445	CHR1:13724445	SSF x Far_LoA	-9,221	-0,019	0,275
CHR1	13724471	CHR1:13724471	SSF x Far_LoA	-10,761	0,007	0,279
CHR1	13733789	CHR1:13733789	SSF x Far_LoA	-10,819	-0,100	0,299
CHR1	13751006	CHR1:13751006	SSF x Far_LoA	-6,613	0,151	0,277
CHR1	13751068	CHR1:13751068	SSF x Far_LoA	-9,980	0,074	0,294
CHR1	13757607	CHR1:13757607	SSF x Far_LoA	-9,227	0,081	0,300
CHR1	13757625	CHR1:13757625	SSF x Far_LoA	-4,908	0,113	0,299
CHR1	13757676	CHR1:13757676	SSF x Far_LoA	-8,472	-0,042	0,296
CHR1	13757847	CHR1:13757847	SSF x Far_LoA	-11,289	-0,026	0,290
CHR1	1376874	CHR1:1376874	SSF x Far_LoA	1,244	0,227	0,281
CHR1	1376875	CHR1:1376875	SSF x Far_LoA	-4,325	0,241	0,271
CHR1	1376940	CHR1:1376940	SSF x Far_LoA	-10,249	0,004	0,305
CHR1	1376972	CHR1:1376972	SSF x Far_LoA	-6,045	-0,163	0,278
CHR1	1377011	CHR1:1377011	SSF x Far_LoA	-7,525	-0,099	0,301
CHR1	1377024	CHR1:1377024	SSF x Far_LoA	-7,314	-0,045	0,281
CHR1	1377045	CHR1:1377045	SSF x Far_LoA	-8,878	-0,005	0,281
CHR1	13780907	CHR1:13780907	SSF x Far_LoA	-6,702	0,127	0,301

CHR1	13781023	CHR1:13781023	SSF x Far_LoA	-9,663	0,028	0,291
CHR1	13781048	CHR1:13781048	SSF x Far_LoA	-11,001	-0,033	0,292
CHR1	13810352	CHR1:13810352	SSF x Far_LoA	-8,523	-0,001	0,272
CHR1	13810377	CHR1:13810377	SSF x Far_LoA	-10,157	0,045	0,284
CHR1	13810547	CHR1:13810547	SSF x Far_LoA	-9,875	0,053	0,278
CHR1	13810595	CHR1:13810595	SSF x Far_LoA	-10,120	0,034	0,284
CHR1	13872156	CHR1:13872156	SSF x Far_LoA	-8,153	0,135	0,277
CHR1	13897616	CHR1:13897616	SSF x Far_LoA	-5,090	0,071	0,299
CHR1	13897741	CHR1:13897741	SSF x Far_LoA	-10,227	-0,034	0,275
CHR1	13897851	CHR1:13897851	SSF x Far_LoA	-10,077	0,050	0,287
CHR1	13905579	CHR1:13905579	SSF x Far_LoA	-10,236	0,036	0,285
CHR1	13916463	CHR1:13916463	SSF x Far_LoA	-10,083	0,034	0,293
CHR1	13916561	CHR1:13916561	SSF x Far_LoA	-10,508	0,035	0,289
CHR1	13916644	CHR1:13916644	SSF x Far_LoA	-8,818	0,018	0,285
CHR1	13916657	CHR1:13916657	SSF x Far_LoA	-9,587	-0,016	0,285
CHR1	13940596	CHR1:13940596	SSF x Far_LoA	-9,826	0,078	0,311
CHR1	13945865	CHR1:13945865	SSF x Far_LoA	-0,004	-0,048	0,305
CHR1	13945877	CHR1:13945877	SSF x Far_LoA	-7,517	-0,052	0,314
CHR1	13959791	CHR1:13959791	SSF x Far_LoA	-11,041	0,045	0,287
CHR1	13990458	CHR1:13990458	SSF x Far_LoA	-10,750	0,003	0,289
CHR1	13995750	CHR1:13995750	SSF x Far_LoA	-9,017	0,053	0,298
CHR1	13995845	CHR1:13995845	SSF x Far_LoA	-10,312	0,119	0,290
CHR1	1400924	CHR1:1400924	SSF x Far_LoA	-9,052	0,125	0,292
CHR1	14012883	CHR1:14012883	SSF x Far_LoA	-8,673	0,082	0,300
CHR1	14012900	CHR1:14012900	SSF x Far_LoA	-2,032	0,082	0,296
CHR1	14012940	CHR1:14012940	SSF x Far_LoA	-8,301	0,066	0,295
CHR1	14013053	CHR1:14013053	SSF x Far_LoA	-8,552	0,120	0,289
CHR1	14013119	CHR1:14013119	SSF x Far_LoA	-8,894	0,118	0,283
CHR1	14030156	CHR1:14030156	SSF x Far_LoA	-8,577	0,074	0,300
CHR1	14030273	CHR1:14030273	SSF x Far_LoA	-9,174	0,093	0,292
CHR1	14044558	CHR1:14044558	SSF x Far_LoA	-5,349	0,270	0,275
CHR1	14050317	CHR1:14050317	SSF x Far_LoA	-12,220	-0,012	0,283
CHR1	14070053	CHR1:14070053	SSF x Far_LoA	-8,878	-0,109	0,292
CHR1	14070095	CHR1:14070095	SSF x Far_LoA	-8,231	0,053	0,279
CHR1	14070139	CHR1:14070139	SSF x Far_LoA	-8,339	0,083	0,285
CHR1	14079747	CHR1:14079747	SSF x Far_LoA	-8,087	-0,142	0,283
CHR1	14079934	CHR1:14079934	SSF x Far_LoA	-5,722	0,151	0,273
CHR1	14082446	CHR1:14082446	SSF x Far_LoA	-6,796	-0,172	0,284
CHR1	14114399	CHR1:14114399	SSF x Far_LoA	-8,365	-0,079	0,289
CHR1	1412822	CHR1:1412822	SSF x Far_LoA	-5,890	-0,145	0,293
CHR1	1413003	CHR1:1413003	SSF x Far_LoA	-7,417	-0,080	0,283
CHR1	14146760	CHR1:14146760	SSF x Far_LoA	-10,467	-0,018	0,285
CHR1	14171261	CHR1:14171261	SSF x Far_LoA	-8,425	-0,073	0,287
CHR1	14181838	CHR1:14181838	SSF x Far_LoA	-8,407	0,091	0,300
CHR1	14197568	CHR1:14197568	SSF x Far_LoA	-10,058	0,071	0,296
CHR1	14205747	CHR1:14205747	SSF x Far_LoA	-8,126	-0,003	0,305
CHR1	14209584	CHR1:14209584	SSF x Far_LoA	-8,884	-0,065	0,290
CHR1	14209594	CHR1:14209594	SSF x Far_LoA	-8,929	-0,005	0,291
CHR1	1424983	CHR1:1424983	SSF x Far_LoA	-9,283	0,015	0,304
CHR1	1424987	CHR1:1424987	SSF x Far_LoA	-7,161	0,024	0,298
CHR1	1424988	CHR1:1424988	SSF x Far_LoA	-7,472	0,041	0,300
CHR1	1425024	CHR1:1425024	SSF x Far_LoA	-10,713	0,041	0,286
CHR1	1425325	CHR1:1425325	SSF x Far_LoA	-11,348	0,028	0,301

CHR1	1425340	CHR1:1425340	SSF x Far_LoA	-8,206	-0,067	0,293
CHR1	14274838	CHR1:14274838	SSF x Far_LoA	-11,655	0,088	0,295
CHR1	14291889	CHR1:14291889	SSF x Far_LoA	-10,971	0,024	0,292
CHR1	14292062	CHR1:14292062	SSF x Far_LoA	-10,264	-0,007	0,293
CHR1	14308375	CHR1:14308375	SSF x Far_LoA	-10,582	0,079	0,297
CHR1	14329363	CHR1:14329363	SSF x Far_LoA	-8,609	-0,031	0,297
CHR1	14329776	CHR1:14329776	SSF x Far_LoA	-9,459	-0,104	0,297
CHR1	14341808	CHR1:14341808	SSF x Far_LoA	-11,147	-0,114	0,294
CHR1	14389720	CHR1:14389720	SSF x Far_LoA	-7,206	0,127	0,297
CHR1	14389775	CHR1:14389775	SSF x Far_LoA	-6,805	0,134	0,301
CHR1	14389853	CHR1:14389853	SSF x Far_LoA	-9,057	0,047	0,296
CHR1	14427836	CHR1:14427836	SSF x Far_LoA	-9,971	-0,042	0,294
CHR1	14427900	CHR1:14427900	SSF x Far_LoA	-7,448	-0,159	0,293
CHR1	14428004	CHR1:14428004	SSF x Far_LoA	-10,614	0,011	0,295
CHR1	14428020	CHR1:14428020	SSF x Far_LoA	-9,716	0,040	0,288
CHR1	14428657	CHR1:14428657	SSF x Far_LoA	-6,929	-0,174	0,279
CHR1	14428699	CHR1:14428699	SSF x Far_LoA	-8,529	0,018	0,308
CHR1	14428753	CHR1:14428753	SSF x Far_LoA	-9,574	0,075	0,299
CHR1	14437499	CHR1:14437499	SSF x Far_LoA	-11,012	0,078	0,287
CHR1	14437674	CHR1:14437674	SSF x Far_LoA	-5,457	0,077	0,303
CHR1	14455251	CHR1:14455251	SSF x Far_LoA	-8,649	0,053	0,315
CHR1	1445820	CHR1:1445820	SSF x Far_LoA	-6,015	0,117	0,292
CHR1	1445982	CHR1:1445982	SSF x Far_LoA	-10,358	-0,017	0,292
CHR1	1446030	CHR1:1446030	SSF x Far_LoA	-9,844	-0,058	0,285
CHR1	14481850	CHR1:14481850	SSF x Far_LoA	-3,168	0,098	0,294
CHR1	14497487	CHR1:14497487	SSF x Far_LoA	-8,550	-0,031	0,294
CHR1	14509773	CHR1:14509773	SSF x Far_LoA	-12,054	0,026	0,286
CHR1	14510050	CHR1:14510050	SSF x Far_LoA	-8,437	0,083	0,301
CHR1	14520646	CHR1:14520646	SSF x Far_LoA	-7,974	0,047	0,301
CHR1	14520793	CHR1:14520793	SSF x Far_LoA	-6,477	0,054	0,312
CHR1	14558894	CHR1:14558894	SSF x Far_LoA	-9,241	0,026	0,287
CHR1	14567302	CHR1:14567302	SSF x Far_LoA	4,001	0,097	0,282
CHR1	14567337	CHR1:14567337	SSF x Far_LoA	-6,932	0,107	0,293
CHR1	14576100	CHR1:14576100	SSF x Far_LoA	-7,336	0,012	0,301
CHR1	14576101	CHR1:14576101	SSF x Far_LoA	-8,005	-0,007	0,294
CHR1	14576105	CHR1:14576105	SSF x Far_LoA	-8,167	-0,013	0,279
CHR1	14576125	CHR1:14576125	SSF x Far_LoA	-9,628	-0,088	0,281
CHR1	14590011	CHR1:14590011	SSF x Far_LoA	-5,961	0,047	0,286
CHR1	14605859	CHR1:14605859	SSF x Far_LoA	-9,843	-0,081	0,292
CHR1	14605963	CHR1:14605963	SSF x Far_LoA	-9,688	-0,019	0,281
CHR1	14606027	CHR1:14606027	SSF x Far_LoA	-10,073	-0,039	0,280
CHR1	14627142	CHR1:14627142	SSF x Far_LoA	-10,851	-0,021	0,281
CHR1	14689213	CHR1:14689213	SSF x Far_LoA	-10,630	0,034	0,293
CHR1	14689222	CHR1:14689222	SSF x Far_LoA	-10,201	0,022	0,288
CHR1	14692199	CHR1:14692199	SSF x Far_LoA	-8,961	0,041	0,290
CHR1	14707692	CHR1:14707692	SSF x Far_LoA	-8,407	0,011	0,293
CHR1	1472479	CHR1:1472479	SSF x Far_LoA	-5,318	-0,125	0,286
CHR1	1476277	CHR1:1476277	SSF x Far_LoA	-11,640	-0,031	0,287
CHR1	14765870	CHR1:14765870	SSF x Far_LoA	-7,679	0,126	0,271
CHR1	14794376	CHR1:14794376	SSF x Far_LoA	-11,461	-0,007	0,286
CHR1	14794465	CHR1:14794465	SSF x Far_LoA	-8,820	0,148	0,284
CHR1	14794470	CHR1:14794470	SSF x Far_LoA	-8,564	0,163	0,286
CHR1	14794502	CHR1:14794502	SSF x Far_LoA	-8,163	0,092	0,286

CHR1	14794507	CHR1:14794507	SSF x Far_LoA	-11,121	-0,078	0,285
CHR1	14794586	CHR1:14794586	SSF x Far_LoA	-9,025	0,011	0,295
CHR1	14794665	CHR1:14794665	SSF x Far_LoA	-8,636	0,011	0,302
CHR1	14820307	CHR1:14820307	SSF x Far_LoA	-8,960	-0,052	0,291
CHR1	14820342	CHR1:14820342	SSF x Far_LoA	-11,626	0,011	0,280
CHR1	14820388	CHR1:14820388	SSF x Far_LoA	-11,125	0,042	0,259
CHR1	14827088	CHR1:14827088	SSF x Far_LoA	-10,875	-0,021	0,302
CHR1	14827256	CHR1:14827256	SSF x Far_LoA	-7,565	-0,097	0,289
CHR1	14827262	CHR1:14827262	SSF x Far_LoA	-8,612	-0,071	0,286
CHR1	14827269	CHR1:14827269	SSF x Far_LoA	-7,741	-0,040	0,301
CHR1	14827297	CHR1:14827297	SSF x Far_LoA	-8,232	0,141	0,286
CHR1	14829865	CHR1:14829865	SSF x Far_LoA	-10,331	0,031	0,298
CHR1	14842941	CHR1:14842941	SSF x Far_LoA	-9,525	-0,015	0,283
CHR1	14843029	CHR1:14843029	SSF x Far_LoA	-8,136	-0,001	0,295
CHR1	14843044	CHR1:14843044	SSF x Far_LoA	-8,892	0,088	0,277
CHR1	14843075	CHR1:14843075	SSF x Far_LoA	-7,021	-0,169	0,292
CHR1	14843112	CHR1:14843112	SSF x Far_LoA	-10,986	-0,060	0,293
CHR1	14843115	CHR1:14843115	SSF x Far_LoA	-8,751	-0,129	0,288
CHR1	14852068	CHR1:14852068	SSF x Far_LoA	-9,421	0,010	0,294
CHR1	14853093	CHR1:14853093	SSF x Far_LoA	-9,860	0,007	0,286
CHR1	14853114	CHR1:14853114	SSF x Far_LoA	-7,038	0,120	0,298
CHR1	14853121	CHR1:14853121	SSF x Far_LoA	-8,304	-0,092	0,288
CHR1	14853122	CHR1:14853122	SSF x Far_LoA	-7,138	-0,063	0,289
CHR1	14853140	CHR1:14853140	SSF x Far_LoA	-9,861	-0,015	0,284
CHR1	14853149	CHR1:14853149	SSF x Far_LoA	-2,620	-0,023	0,296
CHR1	14859264	CHR1:14859264	SSF x Far_LoA	-11,698	0,010	0,291
CHR1	14859299	CHR1:14859299	SSF x Far_LoA	-11,039	0,058	0,289
CHR1	14859313	CHR1:14859313	SSF x Far_LoA	-10,185	-0,021	0,295
CHR1	14859358	CHR1:14859358	SSF x Far_LoA	-9,168	0,042	0,299
CHR1	14859369	CHR1:14859369	SSF x Far_LoA	-8,283	0,010	0,300
CHR1	14859387	CHR1:14859387	SSF x Far_LoA	-8,661	0,052	0,301
CHR1	14859423	CHR1:14859423	SSF x Far_LoA	-6,715	0,073	0,306
CHR1	14878271	CHR1:14878271	SSF x Far_LoA	-8,184	0,000	0,287
CHR1	14893857	CHR1:14893857	SSF x Far_LoA	-5,357	0,174	0,285
CHR1	14903681	CHR1:14903681	SSF x Far_LoA	-11,030	0,001	0,288
CHR1	14921721	CHR1:14921721	SSF x Far_LoA	-9,172	0,027	0,292
CHR1	14968131	CHR1:14968131	SSF x Far_LoA	-8,039	-0,118	0,281
CHR1	14968288	CHR1:14968288	SSF x Far_LoA	-10,545	0,036	0,281
CHR1	14968362	CHR1:14968362	SSF x Far_LoA	-9,791	-0,023	0,304
CHR1	14968493	CHR1:14968493	SSF x Far_LoA	-6,721	-0,111	0,269
CHR1	14973633	CHR1:14973633	SSF x Far_LoA	-6,190	-0,061	0,291
CHR1	14973657	CHR1:14973657	SSF x Far_LoA	-9,027	-0,091	0,289
CHR1	14973666	CHR1:14973666	SSF x Far_LoA	-9,589	-0,066	0,290
CHR1	14973690	CHR1:14973690	SSF x Far_LoA	-0,005	-0,065	0,302
CHR1	14988232	CHR1:14988232	SSF x Far_LoA	-9,805	0,062	0,298
CHR1	14990029	CHR1:14990029	SSF x Far_LoA	-10,747	-0,009	0,281
CHR1	14990030	CHR1:14990030	SSF x Far_LoA	-9,145	-0,029	0,289
CHR1	14990041	CHR1:14990041	SSF x Far_LoA	-8,288	0,040	0,275
CHR1	14990099	CHR1:14990099	SSF x Far_LoA	-8,400	0,053	0,285
CHR1	14991585	CHR1:14991585	SSF x Far_LoA	-7,735	-0,020	0,311
CHR1	14996381	CHR1:14996381	SSF x Far_LoA	-10,551	-0,070	0,292
CHR1	15007073	CHR1:15007073	SSF x Far_LoA	-4,646	-0,244	0,266
CHR1	15020730	CHR1:15020730	SSF x Far_LoA	-4,738	0,041	0,288

CHR1	15020793	CHR1:15020793	SSF x Far_LoA	-2,844	0,142	0,292
CHR1	15020797	CHR1:15020797	SSF x Far_LoA	-6,914	0,151	0,298
CHR1	15020845	CHR1:15020845	SSF x Far_LoA	-9,006	0,073	0,282
CHR1	15020846	CHR1:15020846	SSF x Far_LoA	-10,402	0,045	0,282
CHR1	15020870	CHR1:15020870	SSF x Far_LoA	-9,847	0,070	0,290
CHR1	15020886	CHR1:15020886	SSF x Far_LoA	-8,186	0,137	0,286
CHR1	15020898	CHR1:15020898	SSF x Far_LoA	-7,000	0,164	0,285
CHR1	15028937	CHR1:15028937	SSF x Far_LoA	-9,403	-0,053	0,292
CHR1	15046038	CHR1:15046038	SSF x Far_LoA	-7,743	0,011	0,293
CHR1	15046071	CHR1:15046071	SSF x Far_LoA	-9,651	-0,006	0,303
CHR1	15046092	CHR1:15046092	SSF x Far_LoA	-11,876	0,001	0,285
CHR1	15046104	CHR1:15046104	SSF x Far_LoA	-7,244	-0,007	0,300
CHR1	15046120	CHR1:15046120	SSF x Far_LoA	-8,706	-0,043	0,294
CHR1	15046149	CHR1:15046149	SSF x Far_LoA	-9,233	-0,026	0,280
CHR1	15046173	CHR1:15046173	SSF x Far_LoA	-8,433	-0,016	0,304
CHR1	15046187	CHR1:15046187	SSF x Far_LoA	-7,939	-0,032	0,310
CHR1	15053082	CHR1:15053082	SSF x Far_LoA	-9,351	0,027	0,298
CHR1	15053135	CHR1:15053135	SSF x Far_LoA	-7,830	-0,105	0,285
CHR1	15053179	CHR1:15053179	SSF x Far_LoA	-8,379	0,056	0,293
CHR1	15053209	CHR1:15053209	SSF x Far_LoA	-10,517	-0,052	0,301
CHR1	15053247	CHR1:15053247	SSF x Far_LoA	-9,456	-0,065	0,294
CHR1	15103387	CHR1:15103387	SSF x Far_LoA	-11,657	-0,054	0,297
CHR1	15103392	CHR1:15103392	SSF x Far_LoA	-5,439	0,097	0,282
CHR1	15103441	CHR1:15103441	SSF x Far_LoA	-10,430	-0,035	0,300
CHR1	15103470	CHR1:15103470	SSF x Far_LoA	-11,248	-0,090	0,283
CHR1	15103484	CHR1:15103484	SSF x Far_LoA	-7,672	0,111	0,290
CHR1	15109003	CHR1:15109003	SSF x Far_LoA	-7,641	-0,050	0,314
CHR1	15109030	CHR1:15109030	SSF x Far_LoA	-8,913	-0,064	0,287
CHR1	15110624	CHR1:15110624	SSF x Far_LoA	-8,167	0,025	0,310
CHR1	15112858	CHR1:15112858	SSF x Far_LoA	-8,409	-0,058	0,280
CHR1	15115288	CHR1:15115288	SSF x Far_LoA	-11,416	-0,103	0,295
CHR1	15115303	CHR1:15115303	SSF x Far_LoA	-11,268	-0,012	0,300
CHR1	15115341	CHR1:15115341	SSF x Far_LoA	-8,632	0,020	0,295
CHR1	15115417	CHR1:15115417	SSF x Far_LoA	-8,362	-0,051	0,290
CHR1	15139065	CHR1:15139065	SSF x Far_LoA	-11,151	-0,034	0,282
CHR1	15139101	CHR1:15139101	SSF x Far_LoA	-9,313	-0,026	0,273
CHR1	15139310	CHR1:15139310	SSF x Far_LoA	-9,333	-0,029	0,295
CHR1	15168158	CHR1:15168158	SSF x Far_LoA	-9,332	0,012	0,301
CHR1	15168194	CHR1:15168194	SSF x Far_LoA	-8,694	0,027	0,300
CHR1	15168297	CHR1:15168297	SSF x Far_LoA	-9,972	0,065	0,290
CHR1	15168374	CHR1:15168374	SSF x Far_LoA	-10,620	0,052	0,283
CHR1	15168375	CHR1:15168375	SSF x Far_LoA	-11,655	-0,004	0,291
CHR1	15168383	CHR1:15168383	SSF x Far_LoA	-9,835	0,041	0,299
CHR1	15168446	CHR1:15168446	SSF x Far_LoA	-6,494	-0,104	0,289
CHR1	15189409	CHR1:15189409	SSF x Far_LoA	-11,276	-0,049	0,292
CHR1	15189424	CHR1:15189424	SSF x Far_LoA	-8,375	-0,060	0,300
CHR1	15189426	CHR1:15189426	SSF x Far_LoA	-8,649	-0,050	0,300
CHR1	15194548	CHR1:15194548	SSF x Far_LoA	-8,580	-0,035	0,304
CHR1	15204061	CHR1:15204061	SSF x Far_LoA	-7,902	0,039	0,305
CHR1	15204117	CHR1:15204117	SSF x Far_LoA	-8,451	-0,066	0,299
CHR1	15204293	CHR1:15204293	SSF x Far_LoA	-8,398	-0,099	0,295
CHR1	15204315	CHR1:15204315	SSF x Far_LoA	-9,146	-0,082	0,294
CHR1	15204338	CHR1:15204338	SSF x Far_LoA	-6,328	0,199	0,271

CHR1	15204341	CHR1:15204341	SSF x Far_LoA	-4,231	0,160	0,290
CHR1	15204348	CHR1:15204348	SSF x Far_LoA	-8,911	-0,094	0,277
CHR1	15204371	CHR1:15204371	SSF x Far_LoA	-6,374	-0,172	0,278
CHR1	15204379	CHR1:15204379	SSF x Far_LoA	-7,425	-0,105	0,289
CHR1	15204395	CHR1:15204395	SSF x Far_LoA	1,001	0,227	0,279
CHR1	15207505	CHR1:15207505	SSF x Far_LoA	-10,319	0,038	0,304
CHR1	15207510	CHR1:15207510	SSF x Far_LoA	-9,769	-0,080	0,280
CHR1	15207543	CHR1:15207543	SSF x Far_LoA	-10,619	-0,004	0,287
CHR1	15207560	CHR1:15207560	SSF x Far_LoA	-8,128	0,058	0,284
CHR1	15207566	CHR1:15207566	SSF x Far_LoA	-9,372	0,082	0,297
CHR1	15218242	CHR1:15218242	SSF x Far_LoA	-9,141	0,111	0,289
CHR1	15218274	CHR1:15218274	SSF x Far_LoA	-10,642	0,014	0,288
CHR1	15218331	CHR1:15218331	SSF x Far_LoA	-7,923	-0,041	0,293
CHR1	15218377	CHR1:15218377	SSF x Far_LoA	-8,477	-0,026	0,292
CHR1	15218527	CHR1:15218527	SSF x Far_LoA	-8,715	-0,056	0,285
CHR1	15220102	CHR1:15220102	SSF x Far_LoA	-7,839	0,064	0,281
CHR1	15220341	CHR1:15220341	SSF x Far_LoA	-9,708	-0,068	0,298
CHR1	15245990	CHR1:15245990	SSF x Far_LoA	-7,674	-0,055	0,280
CHR1	15246026	CHR1:15246026	SSF x Far_LoA	-10,463	-0,029	0,295
CHR1	15246044	CHR1:15246044	SSF x Far_LoA	-5,359	0,054	0,274
CHR1	15246205	CHR1:15246205	SSF x Far_LoA	-10,633	0,035	0,273
CHR1	15246284	CHR1:15246284	SSF x Far_LoA	-9,419	0,172	0,282
CHR1	15250846	CHR1:15250846	SSF x Far_LoA	-8,756	0,041	0,283
CHR1	15250852	CHR1:15250852	SSF x Far_LoA	-7,445	0,035	0,298
CHR1	15250853	CHR1:15250853	SSF x Far_LoA	-8,377	0,032	0,296
CHR1	15265064	CHR1:15265064	SSF x Far_LoA	-10,775	0,022	0,303
CHR1	15265108	CHR1:15265108	SSF x Far_LoA	-8,365	-0,002	0,297
CHR1	15265147	CHR1:15265147	SSF x Far_LoA	-9,401	-0,050	0,277
CHR1	15265156	CHR1:15265156	SSF x Far_LoA	-9,224	-0,062	0,285
CHR1	15265177	CHR1:15265177	SSF x Far_LoA	-9,901	-0,040	0,270
CHR1	15267688	CHR1:15267688	SSF x Far_LoA	-8,928	0,122	0,293
CHR1	15267729	CHR1:15267729	SSF x Far_LoA	-10,904	-0,081	0,293
CHR1	15267879	CHR1:15267879	SSF x Far_LoA	-8,951	-0,057	0,302
CHR1	15267901	CHR1:15267901	SSF x Far_LoA	-10,940	-0,006	0,289
CHR1	15286135	CHR1:15286135	SSF x Far_LoA	-8,361	-0,078	0,305
CHR1	15286230	CHR1:15286230	SSF x Far_LoA	-1,594	-0,225	0,285
CHR1	15286253	CHR1:15286253	SSF x Far_LoA	-8,322	-0,053	0,295
CHR1	15286263	CHR1:15286263	SSF x Far_LoA	-8,495	0,073	0,296
CHR1	15286265	CHR1:15286265	SSF x Far_LoA	-8,253	-0,058	0,288
CHR1	15286294	CHR1:15286294	SSF x Far_LoA	-9,961	0,026	0,305
CHR1	15301447	CHR1:15301447	SSF x Far_LoA	-9,263	0,148	0,283
CHR1	15325411	CHR1:15325411	SSF x Far_LoA	-8,739	-0,029	0,300
CHR1	15326027	CHR1:15326027	SSF x Far_LoA	-10,383	0,046	0,288
CHR1	15330490	CHR1:15330490	SSF x Far_LoA	-7,260	-0,131	0,292
CHR1	15337794	CHR1:15337794	SSF x Far_LoA	-9,254	-0,074	0,291
CHR1	15337828	CHR1:15337828	SSF x Far_LoA	-9,271	-0,057	0,273
CHR1	15339260	CHR1:15339260	SSF x Far_LoA	-7,832	-0,069	0,280
CHR1	15339261	CHR1:15339261	SSF x Far_LoA	-7,920	-0,043	0,306
CHR1	15339299	CHR1:15339299	SSF x Far_LoA	-8,531	-0,018	0,281
CHR1	15339304	CHR1:15339304	SSF x Far_LoA	3,282	0,004	0,283
CHR1	15339340	CHR1:15339340	SSF x Far_LoA	-8,844	-0,020	0,287
CHR1	15339343	CHR1:15339343	SSF x Far_LoA	-7,873	-0,168	0,286
CHR1	15360927	CHR1:15360927	SSF x Far_LoA	-8,776	0,069	0,275

CHR1	15361094	CHR1:15361094	SSF x Far_LoA	-8,504	0,020	0,298
CHR1	1536125	CHR1:1536125	SSF x Far_LoA	-12,473	0,046	0,287
CHR1	15382066	CHR1:15382066	SSF x Far_LoA	-7,363	0,063	0,283
CHR1	15384252	CHR1:15384252	SSF x Far_LoA	-9,725	0,026	0,305
CHR1	15384334	CHR1:15384334	SSF x Far_LoA	-10,704	-0,075	0,294
CHR1	1542054	CHR1:1542054	SSF x Far_LoA	-8,881	0,026	0,288
CHR1	1542055	CHR1:1542055	SSF x Far_LoA	-6,741	0,041	0,297
CHR1	1542194	CHR1:1542194	SSF x Far_LoA	-7,410	0,213	0,276
CHR1	1542286	CHR1:1542286	SSF x Far_LoA	-11,057	-0,025	0,286
CHR1	1542303	CHR1:1542303	SSF x Far_LoA	-6,037	0,182	0,292
CHR1	1542310	CHR1:1542310	SSF x Far_LoA	-7,650	-0,014	0,300
CHR1	15425937	CHR1:15425937	SSF x Far_LoA	-11,859	0,021	0,276
CHR1	15426674	CHR1:15426674	SSF x Far_LoA	-11,196	-0,093	0,290
CHR1	15460068	CHR1:15460068	SSF x Far_LoA	-10,396	-0,149	0,277
CHR1	15460111	CHR1:15460111	SSF x Far_LoA	-9,588	0,089	0,287
CHR1	15460145	CHR1:15460145	SSF x Far_LoA	-7,540	0,076	0,291
CHR1	15460154	CHR1:15460154	SSF x Far_LoA	-8,729	-0,063	0,298
CHR1	15460228	CHR1:15460228	SSF x Far_LoA	-7,529	0,117	0,299
CHR1	15460247	CHR1:15460247	SSF x Far_LoA	-9,053	0,102	0,299
CHR1	15479674	CHR1:15479674	SSF x Far_LoA	-9,558	-0,073	0,290
CHR1	15479733	CHR1:15479733	SSF x Far_LoA	-10,452	-0,025	0,297
CHR1	15479740	CHR1:15479740	SSF x Far_LoA	-7,363	-0,110	0,273
CHR1	15484270	CHR1:15484270	SSF x Far_LoA	-9,949	0,025	0,288
CHR1	15484280	CHR1:15484280	SSF x Far_LoA	-8,852	0,081	0,271
CHR1	15484313	CHR1:15484313	SSF x Far_LoA	-7,050	-0,135	0,280
CHR1	15484314	CHR1:15484314	SSF x Far_LoA	-11,366	0,030	0,290
CHR1	15491434	CHR1:15491434	SSF x Far_LoA	-11,285	-0,024	0,288
CHR1	15491614	CHR1:15491614	SSF x Far_LoA	-5,753	0,055	0,294
CHR1	15498340	CHR1:15498340	SSF x Far_LoA	-11,234	-0,024	0,280
CHR1	15498365	CHR1:15498365	SSF x Far_LoA	-11,874	0,018	0,294
CHR1	15498408	CHR1:15498408	SSF x Far_LoA	-11,670	-0,022	0,288
CHR1	15498540	CHR1:15498540	SSF x Far_LoA	-8,882	0,014	0,292
CHR1	15498543	CHR1:15498543	SSF x Far_LoA	-8,857	-0,103	0,294
CHR1	15498550	CHR1:15498550	SSF x Far_LoA	-8,870	0,058	0,294
CHR1	15509265	CHR1:15509265	SSF x Far_LoA	-7,492	-0,089	0,290
CHR1	15515653	CHR1:15515653	SSF x Far_LoA	-8,415	-0,024	0,291
CHR1	15515801	CHR1:15515801	SSF x Far_LoA	-9,302	0,054	0,297
CHR1	1551975	CHR1:1551975	SSF x Far_LoA	-11,613	-0,056	0,284
CHR1	15536389	CHR1:15536389	SSF x Far_LoA	-7,103	-0,185	0,291
CHR1	15536395	CHR1:15536395	SSF x Far_LoA	-7,092	-0,202	0,284
CHR1	15536402	CHR1:15536402	SSF x Far_LoA	-2,327	-0,222	0,268
CHR1	15536407	CHR1:15536407	SSF x Far_LoA	-5,330	-0,187	0,283
CHR1	15536495	CHR1:15536495	SSF x Far_LoA	-11,737	0,005	0,296
CHR1	15536546	CHR1:15536546	SSF x Far_LoA	-9,881	-0,155	0,297
CHR1	15536593	CHR1:15536593	SSF x Far_LoA	-11,174	-0,042	0,292
CHR1	15550407	CHR1:15550407	SSF x Far_LoA	-8,910	-0,025	0,295
CHR1	15550434	CHR1:15550434	SSF x Far_LoA	-9,830	-0,032	0,292
CHR1	15550439	CHR1:15550439	SSF x Far_LoA	-9,694	-0,072	0,300
CHR1	15550482	CHR1:15550482	SSF x Far_LoA	-7,202	0,012	0,286
CHR1	15550487	CHR1:15550487	SSF x Far_LoA	-9,139	-0,005	0,305
CHR1	15550602	CHR1:15550602	SSF x Far_LoA	-7,357	-0,106	0,294
CHR1	15561235	CHR1:15561235	SSF x Far_LoA	-9,678	-0,087	0,295
CHR1	15561302	CHR1:15561302	SSF x Far_LoA	-8,105	0,115	0,285

CHR1	15561529	CHR1:15561529	SSF x Far_LoA	-11,496	0,060	0,278
CHR1	15566034	CHR1:15566034	SSF x Far_LoA	-9,772	-0,032	0,285
CHR1	15566066	CHR1:15566066	SSF x Far_LoA	-10,228	-0,072	0,289
CHR1	15570252	CHR1:15570252	SSF x Far_LoA	-11,269	-0,053	0,281
CHR1	15570348	CHR1:15570348	SSF x Far_LoA	-9,073	0,027	0,295
CHR1	15591150	CHR1:15591150	SSF x Far_LoA	-7,015	-0,023	0,294
CHR1	15591152	CHR1:15591152	SSF x Far_LoA	-7,472	-0,003	0,288
CHR1	15591204	CHR1:15591204	SSF x Far_LoA	-10,118	0,096	0,293
CHR1	15608012	CHR1:15608012	SSF x Far_LoA	-8,784	-0,067	0,293
CHR1	15613614	CHR1:15613614	SSF x Far_LoA	-11,573	0,011	0,287
CHR1	15613778	CHR1:15613778	SSF x Far_LoA	-10,614	0,015	0,289
CHR1	15613779	CHR1:15613779	SSF x Far_LoA	-6,284	0,025	0,300
CHR1	15613797	CHR1:15613797	SSF x Far_LoA	-11,375	0,073	0,286
CHR1	15622670	CHR1:15622670	SSF x Far_LoA	-8,223	0,103	0,278
CHR1	15622673	CHR1:15622673	SSF x Far_LoA	-8,642	0,032	0,310
CHR1	15622675	CHR1:15622675	SSF x Far_LoA	-7,459	-0,014	0,289
CHR1	15622678	CHR1:15622678	SSF x Far_LoA	-8,810	0,042	0,299
CHR1	15622705	CHR1:15622705	SSF x Far_LoA	-8,889	0,019	0,290
CHR1	15622708	CHR1:15622708	SSF x Far_LoA	-8,727	-0,038	0,307
CHR1	15638279	CHR1:15638279	SSF x Far_LoA	-10,561	0,069	0,292
CHR1	15638509	CHR1:15638509	SSF x Far_LoA	-10,823	-0,074	0,290
CHR1	15646223	CHR1:15646223	SSF x Far_LoA	-8,848	0,028	0,295
CHR1	15646226	CHR1:15646226	SSF x Far_LoA	-9,381	0,070	0,292
CHR1	15646388	CHR1:15646388	SSF x Far_LoA	-7,086	-0,033	0,296
CHR1	15652455	CHR1:15652455	SSF x Far_LoA	-10,803	-0,005	0,302
CHR1	15657899	CHR1:15657899	SSF x Far_LoA	-9,248	0,151	0,301
CHR1	15657951	CHR1:15657951	SSF x Far_LoA	-6,002	-0,042	0,291
CHR1	15657955	CHR1:15657955	SSF x Far_LoA	-7,243	-0,056	0,292
CHR1	15657956	CHR1:15657956	SSF x Far_LoA	-9,163	-0,032	0,284
CHR1	15658034	CHR1:15658034	SSF x Far_LoA	-8,922	0,029	0,289
CHR1	15658043	CHR1:15658043	SSF x Far_LoA	-9,193	-0,025	0,304
CHR1	15667453	CHR1:15667453	SSF x Far_LoA	-9,419	-0,079	0,290
CHR1	15667532	CHR1:15667532	SSF x Far_LoA	-11,610	0,055	0,304
CHR1	15667605	CHR1:15667605	SSF x Far_LoA	-7,961	-0,100	0,292
CHR1	15667611	CHR1:15667611	SSF x Far_LoA	-10,237	-0,088	0,298
CHR1	15667613	CHR1:15667613	SSF x Far_LoA	-8,583	-0,085	0,287
CHR1	15667667	CHR1:15667667	SSF x Far_LoA	-10,138	-0,057	0,302
CHR1	15672603	CHR1:15672603	SSF x Far_LoA	-9,033	-0,130	0,291
CHR1	15683378	CHR1:15683378	SSF x Far_LoA	-5,368	0,279	0,270
CHR1	15683405	CHR1:15683405	SSF x Far_LoA	-9,058	0,161	0,283
CHR1	15683440	CHR1:15683440	SSF x Far_LoA	-5,434	0,059	0,302
CHR1	15683474	CHR1:15683474	SSF x Far_LoA	-8,530	0,023	0,305
CHR1	15683478	CHR1:15683478	SSF x Far_LoA	-8,557	0,132	0,290
CHR1	15683480	CHR1:15683480	SSF x Far_LoA	-8,226	0,010	0,304
CHR1	15683505	CHR1:15683505	SSF x Far_LoA	-8,933	0,007	0,282
CHR1	15683548	CHR1:15683548	SSF x Far_LoA	-8,327	-0,121	0,288
CHR1	15683639	CHR1:15683639	SSF x Far_LoA	-8,601	-0,040	0,303
CHR1	15696491	CHR1:15696491	SSF x Far_LoA	-6,553	-0,166	0,276
CHR1	15703721	CHR1:15703721	SSF x Far_LoA	-8,654	-0,014	0,299
CHR1	15703769	CHR1:15703769	SSF x Far_LoA	-9,366	0,015	0,292
CHR1	15703779	CHR1:15703779	SSF x Far_LoA	-10,141	0,046	0,283
CHR1	15707101	CHR1:15707101	SSF x Far_LoA	-8,326	0,006	0,289
CHR1	15707125	CHR1:15707125	SSF x Far_LoA	-9,546	-0,048	0,301

CHR1	15707159	CHR1:15707159	SSF x Far_LoA	-8,407	0,097	0,290
CHR1	15707162	CHR1:15707162	SSF x Far_LoA	-9,705	0,082	0,292
CHR1	15707176	CHR1:15707176	SSF x Far_LoA	-10,713	0,090	0,276
CHR1	15717719	CHR1:15717719	SSF x Far_LoA	-11,547	-0,038	0,278
CHR1	15722222	CHR1:15722222	SSF x Far_LoA	-10,488	0,000	0,300
CHR1	15722383	CHR1:15722383	SSF x Far_LoA	-8,989	0,026	0,288
CHR1	15723054	CHR1:15723054	SSF x Far_LoA	-11,671	0,017	0,298
CHR1	15735471	CHR1:15735471	SSF x Far_LoA	-8,712	0,043	0,291
CHR1	15735504	CHR1:15735504	SSF x Far_LoA	-8,146	-0,054	0,303
CHR1	15735537	CHR1:15735537	SSF x Far_LoA	-9,272	-0,068	0,296
CHR1	15735581	CHR1:15735581	SSF x Far_LoA	-8,668	0,059	0,282
CHR1	15735619	CHR1:15735619	SSF x Far_LoA	-7,045	0,047	0,303
CHR1	15735640	CHR1:15735640	SSF x Far_LoA	-6,406	-0,033	0,322
CHR1	15737554	CHR1:15737554	SSF x Far_LoA	-8,840	-0,050	0,292
CHR1	15737604	CHR1:15737604	SSF x Far_LoA	-9,749	-0,126	0,296
CHR1	15737673	CHR1:15737673	SSF x Far_LoA	-9,366	-0,043	0,291
CHR1	15737726	CHR1:15737726	SSF x Far_LoA	-7,275	0,012	0,289
CHR1	15753710	CHR1:15753710	SSF x Far_LoA	-10,506	-0,036	0,282
CHR1	15753719	CHR1:15753719	SSF x Far_LoA	-10,151	-0,014	0,290
CHR1	15753723	CHR1:15753723	SSF x Far_LoA	-10,585	-0,039	0,302
CHR1	15753759	CHR1:15753759	SSF x Far_LoA	-6,816	-0,163	0,286
CHR1	15753791	CHR1:15753791	SSF x Far_LoA	-7,318	0,126	0,294
CHR1	15754205	CHR1:15754205	SSF x Far_LoA	-9,018	0,024	0,298
CHR1	15761513	CHR1:15761513	SSF x Far_LoA	-8,526	0,075	0,290
CHR1	15761566	CHR1:15761566	SSF x Far_LoA	-9,324	-0,015	0,287
CHR1	15766368	CHR1:15766368	SSF x Far_LoA	-10,245	0,002	0,296
CHR1	15766393	CHR1:15766393	SSF x Far_LoA	-9,561	-0,051	0,285
CHR1	15766395	CHR1:15766395	SSF x Far_LoA	-7,999	-0,042	0,299
CHR1	15771494	CHR1:15771494	SSF x Far_LoA	-9,388	-0,024	0,292
CHR1	15771650	CHR1:15771650	SSF x Far_LoA	-5,990	-0,153	0,284
CHR1	15771836	CHR1:15771836	SSF x Far_LoA	-7,311	-0,103	0,293
CHR1	1577407	CHR1:1577407	SSF x Far_LoA	-6,682	-0,150	0,286
CHR1	15791384	CHR1:15791384	SSF x Far_LoA	-11,110	0,014	0,296
CHR1	15791443	CHR1:15791443	SSF x Far_LoA	-4,321	-0,064	0,283
CHR1	15791463	CHR1:15791463	SSF x Far_LoA	-7,681	-0,095	0,298
CHR1	15791583	CHR1:15791583	SSF x Far_LoA	-10,835	-0,049	0,287
CHR1	15791590	CHR1:15791590	SSF x Far_LoA	-8,857	0,066	0,291
CHR1	15791865	CHR1:15791865	SSF x Far_LoA	-11,388	-0,088	0,295
CHR1	1579340	CHR1:1579340	SSF x Far_LoA	-12,184	0,068	0,281
CHR1	1579423	CHR1:1579423	SSF x Far_LoA	-9,127	0,015	0,274
CHR1	15795572	CHR1:15795572	SSF x Far_LoA	-10,667	-0,064	0,291
CHR1	15801644	CHR1:15801644	SSF x Far_LoA	-9,817	-0,084	0,298
CHR1	15801798	CHR1:15801798	SSF x Far_LoA	-10,015	-0,113	0,293
CHR1	15801814	CHR1:15801814	SSF x Far_LoA	-6,992	0,154	0,303
CHR1	15801825	CHR1:15801825	SSF x Far_LoA	-6,793	-0,117	0,299
CHR1	15801831	CHR1:15801831	SSF x Far_LoA	-9,971	-0,137	0,288
CHR1	15801834	CHR1:15801834	SSF x Far_LoA	-10,434	-0,101	0,287
CHR1	15801912	CHR1:15801912	SSF x Far_LoA	-7,539	0,112	0,274
CHR1	15811283	CHR1:15811283	SSF x Far_LoA	-11,109	-0,050	0,290
CHR1	15811337	CHR1:15811337	SSF x Far_LoA	-8,466	0,022	0,312
CHR1	15828326	CHR1:15828326	SSF x Far_LoA	-10,587	0,076	0,284
CHR1	15828501	CHR1:15828501	SSF x Far_LoA	-9,730	-0,052	0,295
CHR1	15828925	CHR1:15828925	SSF x Far_LoA	-10,822	0,085	0,277

CHR1	15843026	CHR1:15843026	SSF x Far_LoA	-8,558	0,044	0,292
CHR1	1584782	CHR1:1584782	SSF x Far_LoA	-10,268	-0,046	0,292
CHR1	15852498	CHR1:15852498	SSF x Far_LoA	-8,502	0,042	0,285
CHR1	15852633	CHR1:15852633	SSF x Far_LoA	-8,806	0,063	0,286
CHR1	15852640	CHR1:15852640	SSF x Far_LoA	-9,324	-0,043	0,284
CHR1	15852686	CHR1:15852686	SSF x Far_LoA	-9,234	0,049	0,294
CHR1	15867293	CHR1:15867293	SSF x Far_LoA	-7,531	-0,061	0,294
CHR1	15867319	CHR1:15867319	SSF x Far_LoA	-10,963	-0,071	0,292
CHR1	15867321	CHR1:15867321	SSF x Far_LoA	-8,968	-0,081	0,283
CHR1	15867411	CHR1:15867411	SSF x Far_LoA	-8,643	0,033	0,296
CHR1	15869653	CHR1:15869653	SSF x Far_LoA	-10,472	-0,075	0,295
CHR1	15869684	CHR1:15869684	SSF x Far_LoA	-11,657	-0,049	0,290
CHR1	1587653	CHR1:1587653	SSF x Far_LoA	-9,213	0,067	0,307
CHR1	1587680	CHR1:1587680	SSF x Far_LoA	-11,965	0,065	0,285
CHR1	1587698	CHR1:1587698	SSF x Far_LoA	-3,580	-0,202	0,270
CHR1	15879971	CHR1:15879971	SSF x Far_LoA	-6,864	-0,064	0,293
CHR1	15882921	CHR1:15882921	SSF x Far_LoA	-9,984	-0,101	0,279
CHR1	15882986	CHR1:15882986	SSF x Far_LoA	-7,336	0,007	0,282
CHR1	15897459	CHR1:15897459	SSF x Far_LoA	-8,677	-0,009	0,305
CHR1	15900053	CHR1:15900053	SSF x Far_LoA	-8,626	-0,016	0,295
CHR1	15900274	CHR1:15900274	SSF x Far_LoA	-10,808	0,002	0,300
CHR1	15900290	CHR1:15900290	SSF x Far_LoA	-11,754	0,005	0,269
CHR1	15900360	CHR1:15900360	SSF x Far_LoA	-10,075	0,001	0,312
CHR1	15930316	CHR1:15930316	SSF x Far_LoA	-8,949	-0,088	0,293
CHR1	15930448	CHR1:15930448	SSF x Far_LoA	-9,632	-0,018	0,296
CHR1	15930484	CHR1:15930484	SSF x Far_LoA	-10,810	0,021	0,285
CHR1	15945222	CHR1:15945222	SSF x Far_LoA	-8,088	-0,121	0,291
CHR1	15945435	CHR1:15945435	SSF x Far_LoA	-7,466	-0,105	0,289
CHR1	15945457	CHR1:15945457	SSF x Far_LoA	-8,227	-0,039	0,300
CHR1	15949500	CHR1:15949500	SSF x Far_LoA	-11,693	0,018	0,280
CHR1	1595456	CHR1:1595456	SSF x Far_LoA	-7,224	-0,106	0,294
CHR1	15980742	CHR1:15980742	SSF x Far_LoA	-11,430	-0,082	0,290
CHR1	15980795	CHR1:15980795	SSF x Far_LoA	-10,970	-0,073	0,287
CHR1	15980853	CHR1:15980853	SSF x Far_LoA	-10,571	-0,011	0,292
CHR1	15981539	CHR1:15981539	SSF x Far_LoA	-9,839	-0,046	0,287
CHR1	15986897	CHR1:15986897	SSF x Far_LoA	-10,232	0,015	0,285
CHR1	15986968	CHR1:15986968	SSF x Far_LoA	-10,994	0,066	0,303
CHR1	15987130	CHR1:15987130	SSF x Far_LoA	-9,129	-0,036	0,291
CHR1	15998206	CHR1:15998206	SSF x Far_LoA	-6,815	0,194	0,287
CHR1	15998245	CHR1:15998245	SSF x Far_LoA	-10,682	-0,046	0,283
CHR1	15998255	CHR1:15998255	SSF x Far_LoA	-8,604	0,098	0,299
CHR1	15998362	CHR1:15998362	SSF x Far_LoA	-7,203	0,164	0,289
CHR1	15998423	CHR1:15998423	SSF x Far_LoA	-9,903	-0,043	0,290
CHR1	16001821	CHR1:16001821	SSF x Far_LoA	-11,278	-0,090	0,288
CHR1	16003815	CHR1:16003815	SSF x Far_LoA	-8,980	0,025	0,282
CHR1	16021793	CHR1:16021793	SSF x Far_LoA	-2,824	-0,089	0,292
CHR1	16030939	CHR1:16030939	SSF x Far_LoA	-8,661	-0,109	0,300
CHR1	1604491	CHR1:1604491	SSF x Far_LoA	-8,808	0,128	0,275
CHR1	1604504	CHR1:1604504	SSF x Far_LoA	-4,778	0,171	0,267
CHR1	1604589	CHR1:1604589	SSF x Far_LoA	-5,202	0,104	0,289
CHR1	16069024	CHR1:16069024	SSF x Far_LoA	-8,967	-0,036	0,298
CHR1	16069410	CHR1:16069410	SSF x Far_LoA	-9,963	0,017	0,283
CHR1	16069480	CHR1:16069480	SSF x Far_LoA	-10,066	-0,050	0,272

CHR1	16093432	CHR1:16093432	SSF x Far_LoA	0,212	-0,027	0,295
CHR1	16102688	CHR1:16102688	SSF x Far_LoA	-11,212	0,038	0,291
CHR1	16104831	CHR1:16104831	SSF x Far_LoA	8,010	-0,049	0,290
CHR1	16104863	CHR1:16104863	SSF x Far_LoA	-5,574	0,208	0,291
CHR1	16107493	CHR1:16107493	SSF x Far_LoA	-11,435	-0,020	0,306
CHR1	16119518	CHR1:16119518	SSF x Far_LoA	-11,028	-0,012	0,293
CHR1	16137047	CHR1:16137047	SSF x Far_LoA	-10,076	-0,118	0,283
CHR1	16137095	CHR1:16137095	SSF x Far_LoA	-8,429	-0,100	0,304
CHR1	16137150	CHR1:16137150	SSF x Far_LoA	-6,510	0,131	0,285
CHR1	16142068	CHR1:16142068	SSF x Far_LoA	-2,754	0,098	0,276
CHR1	16142096	CHR1:16142096	SSF x Far_LoA	-9,585	0,024	0,295
CHR1	16142182	CHR1:16142182	SSF x Far_LoA	-9,330	0,012	0,297
CHR1	16142189	CHR1:16142189	SSF x Far_LoA	-10,849	-0,004	0,295
CHR1	16152380	CHR1:16152380	SSF x Far_LoA	-8,178	-0,053	0,300
CHR1	16152395	CHR1:16152395	SSF x Far_LoA	-6,241	-0,056	0,301
CHR1	16161619	CHR1:16161619	SSF x Far_LoA	-10,889	0,025	0,287
CHR1	1616323	CHR1:1616323	SSF x Far_LoA	-9,269	-0,002	0,291
CHR1	16165524	CHR1:16165524	SSF x Far_LoA	-9,489	0,031	0,291
CHR1	16165552	CHR1:16165552	SSF x Far_LoA	-9,915	-0,002	0,291
CHR1	16165656	CHR1:16165656	SSF x Far_LoA	-8,722	0,017	0,295
CHR1	16189415	CHR1:16189415	SSF x Far_LoA	-10,770	0,008	0,282
CHR1	16189537	CHR1:16189537	SSF x Far_LoA	-7,988	-0,031	0,296
CHR1	16189564	CHR1:16189564	SSF x Far_LoA	-10,949	0,063	0,293
CHR1	16191254	CHR1:16191254	SSF x Far_LoA	-8,786	-0,040	0,302
CHR1	16191290	CHR1:16191290	SSF x Far_LoA	-11,374	0,020	0,311
CHR1	16198728	CHR1:16198728	SSF x Far_LoA	-10,862	-0,069	0,292
CHR1	16198830	CHR1:16198830	SSF x Far_LoA	-8,898	0,095	0,289
CHR1	16200018	CHR1:16200018	SSF x Far_LoA	-9,717	-0,076	0,288
CHR1	16200076	CHR1:16200076	SSF x Far_LoA	-8,816	0,012	0,294
CHR1	16200159	CHR1:16200159	SSF x Far_LoA	-9,047	-0,088	0,289
CHR1	16200229	CHR1:16200229	SSF x Far_LoA	-7,885	0,165	0,291
CHR1	1621790	CHR1:1621790	SSF x Far_LoA	-8,085	0,068	0,298
CHR1	1621893	CHR1:1621893	SSF x Far_LoA	-11,046	0,040	0,284
CHR1	1621904	CHR1:1621904	SSF x Far_LoA	-8,248	-0,097	0,297
CHR1	16226771	CHR1:16226771	SSF x Far_LoA	-8,399	-0,054	0,300
CHR1	16231868	CHR1:16231868	SSF x Far_LoA	-8,686	0,045	0,288
CHR1	16231941	CHR1:16231941	SSF x Far_LoA	-8,696	-0,029	0,295
CHR1	16231962	CHR1:16231962	SSF x Far_LoA	-11,842	-0,030	0,291
CHR1	16231985	CHR1:16231985	SSF x Far_LoA	-10,681	0,033	0,280
CHR1	16231990	CHR1:16231990	SSF x Far_LoA	-10,311	0,003	0,288
CHR1	16232030	CHR1:16232030	SSF x Far_LoA	-8,150	0,099	0,284
CHR1	16232036	CHR1:16232036	SSF x Far_LoA	-11,613	-0,058	0,300
CHR1	16232066	CHR1:16232066	SSF x Far_LoA	-7,720	0,133	0,275
CHR1	16260379	CHR1:16260379	SSF x Far_LoA	-7,882	0,038	0,304
CHR1	16260438	CHR1:16260438	SSF x Far_LoA	-9,842	-0,025	0,299
CHR1	16260445	CHR1:16260445	SSF x Far_LoA	-9,384	0,123	0,289
CHR1	16260597	CHR1:16260597	SSF x Far_LoA	-7,579	-0,091	0,299
CHR1	16260612	CHR1:16260612	SSF x Far_LoA	-8,957	-0,062	0,296
CHR1	16291742	CHR1:16291742	SSF x Far_LoA	-9,612	0,050	0,297
CHR1	16312207	CHR1:16312207	SSF x Far_LoA	-11,275	0,100	0,296
CHR1	16312247	CHR1:16312247	SSF x Far_LoA	-7,744	0,059	0,293
CHR1	16313236	CHR1:16313236	SSF x Far_LoA	-12,138	0,047	0,289
CHR1	1631730	CHR1:1631730	SSF x Far_LoA	-11,699	-0,083	0,280

CHR1	1631924	CHR1:1631924	SSF x Far_LoA	-10,401	-0,006	0,283
CHR1	1632090	CHR1:1632090	SSF x Far_LoA	-7,325	0,196	0,277
CHR1	16332225	CHR1:16332225	SSF x Far_LoA	-9,066	-0,047	0,281
CHR1	16335671	CHR1:16335671	SSF x Far_LoA	-9,773	-0,029	0,281
CHR1	16335681	CHR1:16335681	SSF x Far_LoA	-10,862	-0,058	0,288
CHR1	16339222	CHR1:16339222	SSF x Far_LoA	-9,644	0,057	0,288
CHR1	16339231	CHR1:16339231	SSF x Far_LoA	-9,586	0,070	0,284
CHR1	16339281	CHR1:16339281	SSF x Far_LoA	-8,670	-0,028	0,300
CHR1	16344464	CHR1:16344464	SSF x Far_LoA	-9,435	-0,016	0,295
CHR1	16344468	CHR1:16344468	SSF x Far_LoA	-8,250	0,109	0,298
CHR1	16344551	CHR1:16344551	SSF x Far_LoA	-9,434	0,045	0,309
CHR1	16344568	CHR1:16344568	SSF x Far_LoA	-5,421	-0,119	0,291
CHR1	16344729	CHR1:16344729	SSF x Far_LoA	-10,518	-0,054	0,288
CHR1	16347670	CHR1:16347670	SSF x Far_LoA	-11,996	0,038	0,293
CHR1	16349978	CHR1:16349978	SSF x Far_LoA	-9,958	0,019	0,281
CHR1	16350135	CHR1:16350135	SSF x Far_LoA	-8,921	0,022	0,306
CHR1	16355673	CHR1:16355673	SSF x Far_LoA	-5,959	0,133	0,273
CHR1	16355716	CHR1:16355716	SSF x Far_LoA	-5,165	-0,089	0,285
CHR1	16355746	CHR1:16355746	SSF x Far_LoA	-9,967	0,095	0,282
CHR1	16355756	CHR1:16355756	SSF x Far_LoA	-8,788	-0,005	0,299
CHR1	16355808	CHR1:16355808	SSF x Far_LoA	-8,842	0,077	0,290
CHR1	16361947	CHR1:16361947	SSF x Far_LoA	-8,353	0,106	0,303
CHR1	1637488	CHR1:1637488	SSF x Far_LoA	-9,614	0,079	0,296
CHR1	1637491	CHR1:1637491	SSF x Far_LoA	-7,602	0,160	0,281
CHR1	1637566	CHR1:1637566	SSF x Far_LoA	-7,339	-0,114	0,285
CHR1	16401248	CHR1:16401248	SSF x Far_LoA	-4,781	0,039	0,284
CHR1	1646970	CHR1:1646970	SSF x Far_LoA	-8,818	-0,076	0,282
CHR1	1647114	CHR1:1647114	SSF x Far_LoA	-8,936	0,030	0,300
CHR1	1649409	CHR1:1649409	SSF x Far_LoA	-8,705	-0,048	0,297
CHR1	1652128	CHR1:1652128	SSF x Far_LoA	-4,079	0,075	0,291
CHR1	1652839	CHR1:1652839	SSF x Far_LoA	-10,791	-0,007	0,288
CHR1	1652854	CHR1:1652854	SSF x Far_LoA	-10,480	0,014	0,291
CHR1	1654246	CHR1:1654246	SSF x Far_LoA	-10,071	-0,049	0,289
CHR1	1654253	CHR1:1654253	SSF x Far_LoA	-8,161	-0,069	0,293
CHR1	1654264	CHR1:1654264	SSF x Far_LoA	-9,283	-0,058	0,298
CHR1	1654268	CHR1:1654268	SSF x Far_LoA	-6,109	-0,049	0,299
CHR1	1654310	CHR1:1654310	SSF x Far_LoA	-8,581	-0,004	0,297
CHR1	1654325	CHR1:1654325	SSF x Far_LoA	-9,134	0,014	0,300
CHR1	1654343	CHR1:1654343	SSF x Far_LoA	-8,051	-0,031	0,308
CHR1	1654517	CHR1:1654517	SSF x Far_LoA	-9,842	0,002	0,290
CHR1	1659598	CHR1:1659598	SSF x Far_LoA	-9,806	0,010	0,294
CHR1	1659716	CHR1:1659716	SSF x Far_LoA	-11,240	-0,041	0,279
CHR1	1659816	CHR1:1659816	SSF x Far_LoA	-11,260	-0,035	0,293
CHR1	1659817	CHR1:1659817	SSF x Far_LoA	-9,381	0,070	0,289
CHR1	1659820	CHR1:1659820	SSF x Far_LoA	-10,361	0,069	0,284
CHR1	1663751	CHR1:1663751	SSF x Far_LoA	-10,106	0,043	0,295
CHR1	1663824	CHR1:1663824	SSF x Far_LoA	-4,756	0,110	0,292
CHR1	1663844	CHR1:1663844	SSF x Far_LoA	-8,207	0,017	0,291
CHR1	1664044	CHR1:1664044	SSF x Far_LoA	-9,080	0,030	0,297
CHR1	1664051	CHR1:1664051	SSF x Far_LoA	-10,929	-0,070	0,287
CHR1	1669972	CHR1:1669972	SSF x Far_LoA	-10,872	-0,083	0,287
CHR1	1672360	CHR1:1672360	SSF x Far_LoA	-10,376	0,047	0,290
CHR1	1672487	CHR1:1672487	SSF x Far_LoA	-8,169	-0,173	0,279

CHR1	1672512	CHR1:1672512	SSF x Far_LoA	-10,277	0,075	0,284
CHR1	1672576	CHR1:1672576	SSF x Far_LoA	-10,193	0,102	0,289
CHR1	1672665	CHR1:1672665	SSF x Far_LoA	-10,871	0,045	0,288
CHR1	1672773	CHR1:1672773	SSF x Far_LoA	-9,847	0,012	0,301
CHR1	1672830	CHR1:1672830	SSF x Far_LoA	-9,768	-0,022	0,296
CHR1	1687457	CHR1:1687457	SSF x Far_LoA	-11,238	-0,070	0,297
CHR1	1692230	CHR1:1692230	SSF x Far_LoA	-11,430	-0,081	0,289
CHR1	1695566	CHR1:1695566	SSF x Far_LoA	-10,372	-0,018	0,302
CHR1	1695570	CHR1:1695570	SSF x Far_LoA	-9,431	0,112	0,288
CHR1	1695608	CHR1:1695608	SSF x Far_LoA	-9,559	-0,039	0,281
CHR1	1695638	CHR1:1695638	SSF x Far_LoA	-8,732	0,082	0,314
CHR1	1695719	CHR1:1695719	SSF x Far_LoA	-6,360	-0,039	0,287
CHR1	1703691	CHR1:1703691	SSF x Far_LoA	-9,504	-0,027	0,287
CHR1	1712581	CHR1:1712581	SSF x Far_LoA	-6,659	-0,065	0,289
CHR1	1712692	CHR1:1712692	SSF x Far_LoA	-8,993	0,081	0,286
CHR1	1712788	CHR1:1712788	SSF x Far_LoA	-9,066	0,064	0,302
CHR1	1715257	CHR1:1715257	SSF x Far_LoA	-8,693	0,128	0,284
CHR1	1715307	CHR1:1715307	SSF x Far_LoA	-5,955	-0,175	0,284
CHR1	1715459	CHR1:1715459	SSF x Far_LoA	-10,223	-0,045	0,298
CHR1	1719118	CHR1:1719118	SSF x Far_LoA	-8,621	0,080	0,297
CHR1	1719258	CHR1:1719258	SSF x Far_LoA	-8,120	-0,073	0,295
CHR1	1720196	CHR1:1720196	SSF x Far_LoA	-6,544	0,072	0,296
CHR1	1720233	CHR1:1720233	SSF x Far_LoA	-8,125	0,053	0,290
CHR1	1727537	CHR1:1727537	SSF x Far_LoA	-8,501	-0,018	0,303
CHR1	1727547	CHR1:1727547	SSF x Far_LoA	-9,813	-0,044	0,286
CHR1	1727572	CHR1:1727572	SSF x Far_LoA	-9,720	-0,034	0,293
CHR1	1727598	CHR1:1727598	SSF x Far_LoA	-8,895	0,036	0,289
CHR1	1727688	CHR1:1727688	SSF x Far_LoA	-9,049	-0,015	0,283
CHR1	1727689	CHR1:1727689	SSF x Far_LoA	-7,693	-0,098	0,300
CHR1	1727746	CHR1:1727746	SSF x Far_LoA	-8,597	-0,037	0,307
CHR1	1733290	CHR1:1733290	SSF x Far_LoA	-9,493	-0,034	0,283
CHR1	1733428	CHR1:1733428	SSF x Far_LoA	-8,217	-0,023	0,300
CHR1	1733430	CHR1:1733430	SSF x Far_LoA	-4,353	0,003	0,301
CHR1	1735268	CHR1:1735268	SSF x Far_LoA	-10,726	-0,036	0,300
CHR1	1735425	CHR1:1735425	SSF x Far_LoA	-9,016	-0,009	0,282
CHR1	1740034	CHR1:1740034	SSF x Far_LoA	-10,628	-0,009	0,285
CHR1	1740050	CHR1:1740050	SSF x Far_LoA	-8,587	-0,075	0,294
CHR1	1740064	CHR1:1740064	SSF x Far_LoA	-10,745	-0,045	0,287
CHR1	1767290	CHR1:1767290	SSF x Far_LoA	-10,518	-0,078	0,284
CHR1	1767397	CHR1:1767397	SSF x Far_LoA	-11,340	0,028	0,294
CHR1	1768587	CHR1:1768587	SSF x Far_LoA	-11,704	0,034	0,293
CHR1	1768590	CHR1:1768590	SSF x Far_LoA	-11,697	-0,066	0,293
CHR1	1775383	CHR1:1775383	SSF x Far_LoA	-10,520	0,010	0,294
CHR1	1775740	CHR1:1775740	SSF x Far_LoA	-6,679	-0,037	0,300
CHR1	1811151	CHR1:1811151	SSF x Far_LoA	-9,974	0,011	0,293
CHR1	1811221	CHR1:1811221	SSF x Far_LoA	-9,893	0,116	0,278
CHR1	1811223	CHR1:1811223	SSF x Far_LoA	-5,936	0,102	0,285
CHR1	1821509	CHR1:1821509	SSF x Far_LoA	-11,606	0,012	0,283
CHR1	1821551	CHR1:1821551	SSF x Far_LoA	-9,954	-0,031	0,297
CHR1	1821556	CHR1:1821556	SSF x Far_LoA	-10,376	-0,025	0,292
CHR1	1821557	CHR1:1821557	SSF x Far_LoA	-9,512	-0,013	0,293
CHR1	1821648	CHR1:1821648	SSF x Far_LoA	-8,605	-0,051	0,295
CHR1	1821750	CHR1:1821750	SSF x Far_LoA	-7,015	-0,117	0,288

CHR1	1821763	CHR1:1821763	SSF x Far_LoA	-9,959	-0,081	0,284
CHR1	1823538	CHR1:1823538	SSF x Far_LoA	-7,809	0,191	0,283
CHR1	1826407	CHR1:1826407	SSF x Far_LoA	-9,344	-0,016	0,301
CHR1	1827922	CHR1:1827922	SSF x Far_LoA	-11,621	-0,056	0,293
CHR1	1830776	CHR1:1830776	SSF x Far_LoA	-6,552	-0,163	0,264
CHR1	1830777	CHR1:1830777	SSF x Far_LoA	-8,370	0,105	0,282
CHR1	1830803	CHR1:1830803	SSF x Far_LoA	-7,718	0,160	0,286
CHR1	1830955	CHR1:1830955	SSF x Far_LoA	-7,741	0,023	0,299
CHR1	1830993	CHR1:1830993	SSF x Far_LoA	-7,805	-0,042	0,301
CHR1	1831020	CHR1:1831020	SSF x Far_LoA	-7,315	0,139	0,285
CHR1	1831124	CHR1:1831124	SSF x Far_LoA	-8,211	0,077	0,285
CHR1	1831146	CHR1:1831146	SSF x Far_LoA	-2,153	-0,079	0,285
CHR1	1831152	CHR1:1831152	SSF x Far_LoA	-8,635	0,122	0,291
CHR1	1831178	CHR1:1831178	SSF x Far_LoA	-6,769	0,097	0,287
CHR1	1831202	CHR1:1831202	SSF x Far_LoA	-8,295	-0,031	0,299
CHR1	1831231	CHR1:1831231	SSF x Far_LoA	-9,007	-0,003	0,299
CHR1	1842675	CHR1:1842675	SSF x Far_LoA	-6,806	-0,142	0,273
CHR1	1842782	CHR1:1842782	SSF x Far_LoA	-6,647	-0,132	0,274
CHR1	1842885	CHR1:1842885	SSF x Far_LoA	-7,086	-0,152	0,279
CHR1	1843073	CHR1:1843073	SSF x Far_LoA	-8,651	-0,057	0,299
CHR1	1846837	CHR1:1846837	SSF x Far_LoA	-11,386	-0,032	0,272
CHR1	1846893	CHR1:1846893	SSF x Far_LoA	-1,983	-0,069	0,274
CHR1	1846915	CHR1:1846915	SSF x Far_LoA	-10,099	-0,049	0,286
CHR1	1848396	CHR1:1848396	SSF x Far_LoA	-10,355	0,039	0,299
CHR1	1848399	CHR1:1848399	SSF x Far_LoA	-8,892	-0,003	0,296
CHR1	1848402	CHR1:1848402	SSF x Far_LoA	-9,783	-0,025	0,302
CHR1	1848440	CHR1:1848440	SSF x Far_LoA	-11,780	-0,027	0,285
CHR1	1858150	CHR1:1858150	SSF x Far_LoA	-8,768	-0,019	0,283
CHR1	1858165	CHR1:1858165	SSF x Far_LoA	-8,896	-0,052	0,290
CHR1	1858167	CHR1:1858167	SSF x Far_LoA	-9,729	0,053	0,281
CHR1	1858208	CHR1:1858208	SSF x Far_LoA	-6,649	0,182	0,283
CHR1	1858224	CHR1:1858224	SSF x Far_LoA	-8,065	0,109	0,278
CHR1	1858245	CHR1:1858245	SSF x Far_LoA	-9,722	-0,001	0,276
CHR1	1858285	CHR1:1858285	SSF x Far_LoA	-8,126	-0,050	0,290
CHR1	1858353	CHR1:1858353	SSF x Far_LoA	-9,018	-0,089	0,270
CHR1	1890619	CHR1:1890619	SSF x Far_LoA	-6,499	0,121	0,285
CHR1	1890686	CHR1:1890686	SSF x Far_LoA	-9,491	-0,012	0,291
CHR1	1890696	CHR1:1890696	SSF x Far_LoA	-8,484	-0,048	0,292
CHR1	1890835	CHR1:1890835	SSF x Far_LoA	-9,681	0,010	0,286
CHR1	1891867	CHR1:1891867	SSF x Far_LoA	-6,995	0,140	0,293
CHR1	1891876	CHR1:1891876	SSF x Far_LoA	-11,915	0,069	0,270
CHR1	1902482	CHR1:1902482	SSF x Far_LoA	-7,521	-0,124	0,289
CHR1	1902609	CHR1:1902609	SSF x Far_LoA	-8,435	0,124	0,275
CHR1	1902644	CHR1:1902644	SSF x Far_LoA	-7,846	-0,116	0,294
CHR1	1902647	CHR1:1902647	SSF x Far_LoA	-11,652	0,073	0,276
CHR1	1902650	CHR1:1902650	SSF x Far_LoA	-8,212	0,111	0,286
CHR1	1902653	CHR1:1902653	SSF x Far_LoA	-7,680	-0,131	0,297
CHR1	1902685	CHR1:1902685	SSF x Far_LoA	-1,127	-0,052	0,293
CHR1	1930989	CHR1:1930989	SSF x Far_LoA	-10,249	0,028	0,294
CHR1	1946283	CHR1:1946283	SSF x Far_LoA	-11,048	-0,012	0,288
CHR1	1946288	CHR1:1946288	SSF x Far_LoA	-9,555	0,010	0,288
CHR1	1946335	CHR1:1946335	SSF x Far_LoA	-5,627	0,040	0,288
CHR1	1952969	CHR1:1952969	SSF x Far_LoA	-7,571	0,158	0,290

CHR1	1977401	CHR1:1977401	SSF x Far_LoA	-9,732	0,049	0,288
CHR1	1977423	CHR1:1977423	SSF x Far_LoA	-12,006	0,016	0,289
CHR1	1977510	CHR1:1977510	SSF x Far_LoA	-7,783	0,145	0,270
CHR1	1977599	CHR1:1977599	SSF x Far_LoA	-6,822	-0,082	0,297
CHR1	1977642	CHR1:1977642	SSF x Far_LoA	-9,803	0,065	0,297
CHR1	1980386	CHR1:1980386	SSF x Far_LoA	-10,505	0,032	0,282
CHR1	1980797	CHR1:1980797	SSF x Far_LoA	-10,437	-0,041	0,289
CHR1	1996773	CHR1:1996773	SSF x Far_LoA	-9,943	-0,003	0,275
CHR1	1996900	CHR1:1996900	SSF x Far_LoA	-11,952	0,063	0,285
CHR1	1996901	CHR1:1996901	SSF x Far_LoA	-11,514	0,045	0,290
CHR1	1996907	CHR1:1996907	SSF x Far_LoA	-8,826	-0,074	0,293
CHR1	1996974	CHR1:1996974	SSF x Far_LoA	-10,904	-0,134	0,283
CHR1	1997050	CHR1:1997050	SSF x Far_LoA	-6,069	0,158	0,292
CHR1	2019946	CHR1:2019946	SSF x Far_LoA	-9,221	-0,038	0,300
CHR1	2020070	CHR1:2020070	SSF x Far_LoA	-7,371	0,135	0,286
CHR1	2020148	CHR1:2020148	SSF x Far_LoA	-11,467	-0,071	0,291
CHR1	2020171	CHR1:2020171	SSF x Far_LoA	-11,489	0,054	0,284
CHR1	2020222	CHR1:2020222	SSF x Far_LoA	-11,152	0,034	0,292
CHR1	2030671	CHR1:2030671	SSF x Far_LoA	-10,382	0,060	0,289
CHR1	2030811	CHR1:2030811	SSF x Far_LoA	-7,254	0,060	0,292
CHR1	2033865	CHR1:2033865	SSF x Far_LoA	-10,773	-0,094	0,302
CHR1	2033867	CHR1:2033867	SSF x Far_LoA	-8,992	-0,094	0,293
CHR1	2033898	CHR1:2033898	SSF x Far_LoA	-8,645	-0,030	0,290
CHR1	2034007	CHR1:2034007	SSF x Far_LoA	-11,903	0,004	0,285
CHR1	2034204	CHR1:2034204	SSF x Far_LoA	-10,382	0,031	0,292
CHR1	2037841	CHR1:2037841	SSF x Far_LoA	-9,214	-0,178	0,273
CHR1	2044571	CHR1:2044571	SSF x Far_LoA	-8,584	-0,091	0,301
CHR1	2044586	CHR1:2044586	SSF x Far_LoA	-11,557	0,000	0,293
CHR1	2044659	CHR1:2044659	SSF x Far_LoA	-11,083	-0,012	0,297
CHR1	2044720	CHR1:2044720	SSF x Far_LoA	-4,500	-0,182	0,287
CHR1	2044765	CHR1:2044765	SSF x Far_LoA	-8,490	-0,049	0,273
CHR1	2044769	CHR1:2044769	SSF x Far_LoA	-8,278	-0,063	0,276
CHR1	2044793	CHR1:2044793	SSF x Far_LoA	-4,619	0,141	0,282
CHR1	2044802	CHR1:2044802	SSF x Far_LoA	-10,692	0,004	0,290
CHR1	2044859	CHR1:2044859	SSF x Far_LoA	-10,758	-0,061	0,287
CHR1	2054137	CHR1:2054137	SSF x Far_LoA	-8,706	-0,148	0,287
CHR1	2054675	CHR1:2054675	SSF x Far_LoA	-9,873	-0,068	0,289
CHR1	2092513	CHR1:2092513	SSF x Far_LoA	-10,933	0,012	0,309
CHR1	2092553	CHR1:2092553	SSF x Far_LoA	-7,878	-0,083	0,301
CHR1	2092558	CHR1:2092558	SSF x Far_LoA	-6,565	-0,115	0,302
CHR1	2092600	CHR1:2092600	SSF x Far_LoA	-9,975	0,035	0,294
CHR1	2092685	CHR1:2092685	SSF x Far_LoA	-6,229	-0,010	0,307
CHR1	2093859	CHR1:2093859	SSF x Far_LoA	-9,495	0,080	0,283
CHR1	2093920	CHR1:2093920	SSF x Far_LoA	-9,218	0,100	0,291
CHR1	2097747	CHR1:2097747	SSF x Far_LoA	-8,347	0,061	0,302
CHR1	2097748	CHR1:2097748	SSF x Far_LoA	-8,439	0,065	0,297
CHR1	2097833	CHR1:2097833	SSF x Far_LoA	-7,872	0,046	0,301
CHR1	2102441	CHR1:2102441	SSF x Far_LoA	-10,585	0,094	0,281
CHR1	2102486	CHR1:2102486	SSF x Far_LoA	-9,104	-0,004	0,284
CHR1	2102517	CHR1:2102517	SSF x Far_LoA	-8,293	-0,043	0,280
CHR1	2118035	CHR1:2118035	SSF x Far_LoA	-10,378	0,057	0,287
CHR1	2122223	CHR1:2122223	SSF x Far_LoA	-9,372	-0,090	0,286
CHR1	2129494	CHR1:2129494	SSF x Far_LoA	-3,362	0,153	0,300

CHR1	2148399	CHR1:2148399	SSF x Far_LoA	-7,405	-0,117	0,268
CHR1	2178531	CHR1:2178531	SSF x Far_LoA	-9,479	-0,003	0,284
CHR1	2185733	CHR1:2185733	SSF x Far_LoA	-8,935	0,091	0,286
CHR1	2185952	CHR1:2185952	SSF x Far_LoA	-7,788	-0,063	0,280
CHR1	2185985	CHR1:2185985	SSF x Far_LoA	-8,765	-0,070	0,282
CHR1	2187596	CHR1:2187596	SSF x Far_LoA	-9,187	-0,098	0,292
CHR1	2187747	CHR1:2187747	SSF x Far_LoA	-9,809	-0,030	0,284
CHR1	2212233	CHR1:2212233	SSF x Far_LoA	-8,926	0,226	0,269
CHR1	2212310	CHR1:2212310	SSF x Far_LoA	-7,954	0,154	0,291
CHR1	2212424	CHR1:2212424	SSF x Far_LoA	-8,701	0,034	0,296
CHR1	2214237	CHR1:2214237	SSF x Far_LoA	-8,522	0,059	0,294
CHR1	2217209	CHR1:2217209	SSF x Far_LoA	-7,553	-0,123	0,289
CHR1	2242059	CHR1:2242059	SSF x Far_LoA	-10,848	-0,039	0,294
CHR1	2245454	CHR1:2245454	SSF x Far_LoA	-5,760	-0,113	0,294
CHR1	2245533	CHR1:2245533	SSF x Far_LoA	-7,201	-0,124	0,288
CHR1	2245801	CHR1:2245801	SSF x Far_LoA	-10,908	0,024	0,265
CHR1	2245814	CHR1:2245814	SSF x Far_LoA	-5,541	-0,036	0,303
CHR1	2245819	CHR1:2245819	SSF x Far_LoA	-11,854	-0,071	0,288
CHR1	2259304	CHR1:2259304	SSF x Far_LoA	-9,371	0,053	0,299
CHR1	2259551	CHR1:2259551	SSF x Far_LoA	-8,578	0,091	0,289
CHR1	2259561	CHR1:2259561	SSF x Far_LoA	-7,192	-0,056	0,296
CHR1	2259588	CHR1:2259588	SSF x Far_LoA	-7,919	0,106	0,291
CHR1	2265514	CHR1:2265514	SSF x Far_LoA	-8,703	0,014	0,303
CHR1	2265622	CHR1:2265622	SSF x Far_LoA	-7,778	0,119	0,292
CHR1	2265647	CHR1:2265647	SSF x Far_LoA	-9,317	0,119	0,275
CHR1	2265664	CHR1:2265664	SSF x Far_LoA	-10,185	-0,116	0,289
CHR1	2265665	CHR1:2265665	SSF x Far_LoA	-11,301	-0,101	0,293
CHR1	2267313	CHR1:2267313	SSF x Far_LoA	-8,872	0,050	0,285
CHR1	2267346	CHR1:2267346	SSF x Far_LoA	-9,021	0,056	0,292
CHR1	2267387	CHR1:2267387	SSF x Far_LoA	-10,487	0,106	0,281
CHR1	2268602	CHR1:2268602	SSF x Far_LoA	-11,669	-0,010	0,298
CHR1	2268860	CHR1:2268860	SSF x Far_LoA	-9,403	-0,024	0,294
CHR1	2289438	CHR1:2289438	SSF x Far_LoA	-7,380	-0,178	0,284
CHR1	2294241	CHR1:2294241	SSF x Far_LoA	-8,531	-0,114	0,276
CHR1	2294354	CHR1:2294354	SSF x Far_LoA	-7,873	0,080	0,284
CHR1	2294498	CHR1:2294498	SSF x Far_LoA	-6,844	-0,149	0,280
CHR1	2294522	CHR1:2294522	SSF x Far_LoA	-9,128	0,008	0,283
CHR1	2294551	CHR1:2294551	SSF x Far_LoA	-11,426	0,040	0,281
CHR1	2306131	CHR1:2306131	SSF x Far_LoA	-11,316	0,044	0,284
CHR1	2306328	CHR1:2306328	SSF x Far_LoA	-10,208	-0,055	0,300
CHR1	2306478	CHR1:2306478	SSF x Far_LoA	-11,071	0,023	0,285
CHR1	2306479	CHR1:2306479	SSF x Far_LoA	-10,739	0,015	0,286
CHR1	2306522	CHR1:2306522	SSF x Far_LoA	-6,797	-0,115	0,289
CHR1	2338458	CHR1:2338458	SSF x Far_LoA	-10,465	-0,012	0,297
CHR1	2342591	CHR1:2342591	SSF x Far_LoA	-11,126	-0,006	0,285
CHR1	2342653	CHR1:2342653	SSF x Far_LoA	-8,152	0,017	0,297
CHR1	2342669	CHR1:2342669	SSF x Far_LoA	-7,426	0,053	0,289
CHR1	2342745	CHR1:2342745	SSF x Far_LoA	-12,115	0,016	0,289
CHR1	2342795	CHR1:2342795	SSF x Far_LoA	-8,976	-0,086	0,272
CHR1	2342823	CHR1:2342823	SSF x Far_LoA	-6,985	0,066	0,276
CHR1	2342900	CHR1:2342900	SSF x Far_LoA	-9,747	0,050	0,303
CHR1	2346289	CHR1:2346289	SSF x Far_LoA	-11,260	0,015	0,284
CHR1	2346472	CHR1:2346472	SSF x Far_LoA	-8,797	-0,105	0,300

CHR1	2346490	CHR1:2346490	SSF x Far_LoA	-9,297	0,021	0,296
CHR1	2346517	CHR1:2346517	SSF x Far_LoA	-9,835	-0,003	0,307
CHR1	2367170	CHR1:2367170	SSF x Far_LoA	-11,061	0,018	0,289
CHR1	2367279	CHR1:2367279	SSF x Far_LoA	-9,698	-0,040	0,289
CHR1	2367427	CHR1:2367427	SSF x Far_LoA	-10,233	-0,104	0,306
CHR1	2371539	CHR1:2371539	SSF x Far_LoA	-9,392	0,001	0,310
CHR1	2371672	CHR1:2371672	SSF x Far_LoA	-9,067	-0,051	0,281
CHR1	2387207	CHR1:2387207	SSF x Far_LoA	-8,916	0,021	0,273
CHR1	2387266	CHR1:2387266	SSF x Far_LoA	-10,356	-0,020	0,274
CHR1	2387403	CHR1:2387403	SSF x Far_LoA	-9,132	0,131	0,287
CHR1	2387609	CHR1:2387609	SSF x Far_LoA	-9,371	-0,031	0,281
CHR1	2402726	CHR1:2402726	SSF x Far_LoA	-9,339	-0,025	0,290
CHR1	2402999	CHR1:2402999	SSF x Far_LoA	-8,639	0,023	0,301
CHR1	2403068	CHR1:2403068	SSF x Far_LoA	-12,379	0,023	0,276
CHR1	2412258	CHR1:2412258	SSF x Far_LoA	-6,388	0,147	0,288
CHR1	2414517	CHR1:2414517	SSF x Far_LoA	-8,323	0,036	0,288
CHR1	2414689	CHR1:2414689	SSF x Far_LoA	-11,975	-0,010	0,286
CHR1	2414721	CHR1:2414721	SSF x Far_LoA	-7,246	-0,119	0,288
CHR1	2429833	CHR1:2429833	SSF x Far_LoA	-9,511	0,098	0,279
CHR1	2430515	CHR1:2430515	SSF x Far_LoA	-8,992	-0,086	0,287
CHR1	2430527	CHR1:2430527	SSF x Far_LoA	-8,447	-0,014	0,291
CHR1	2430535	CHR1:2430535	SSF x Far_LoA	-9,545	-0,032	0,285
CHR1	2456193	CHR1:2456193	SSF x Far_LoA	-8,377	-0,009	0,293
CHR1	2473536	CHR1:2473536	SSF x Far_LoA	-9,833	0,074	0,290
CHR1	2473545	CHR1:2473545	SSF x Far_LoA	-12,447	0,004	0,285
CHR1	2473613	CHR1:2473613	SSF x Far_LoA	-8,207	-0,126	0,281
CHR1	2473671	CHR1:2473671	SSF x Far_LoA	-8,669	0,145	0,299
CHR1	2480387	CHR1:2480387	SSF x Far_LoA	-10,355	-0,004	0,291
CHR1	2480446	CHR1:2480446	SSF x Far_LoA	-9,032	-0,006	0,299
CHR1	2480451	CHR1:2480451	SSF x Far_LoA	-9,312	0,039	0,280
CHR1	2480467	CHR1:2480467	SSF x Far_LoA	-11,342	-0,011	0,289
CHR1	2480468	CHR1:2480468	SSF x Far_LoA	-10,303	-0,029	0,294
CHR1	2480473	CHR1:2480473	SSF x Far_LoA	-10,191	-0,003	0,291
CHR1	2480598	CHR1:2480598	SSF x Far_LoA	-7,090	-0,124	0,287
CHR1	2488268	CHR1:2488268	SSF x Far_LoA	-10,260	0,032	0,288
CHR1	2488289	CHR1:2488289	SSF x Far_LoA	-10,606	0,043	0,289
CHR1	2488323	CHR1:2488323	SSF x Far_LoA	-10,209	-0,003	0,298
CHR1	2488325	CHR1:2488325	SSF x Far_LoA	-9,724	-0,043	0,277
CHR1	2488351	CHR1:2488351	SSF x Far_LoA	-10,498	-0,079	0,291
CHR1	2488416	CHR1:2488416	SSF x Far_LoA	-8,752	-0,003	0,309
CHR1	2488455	CHR1:2488455	SSF x Far_LoA	-8,324	0,121	0,292
CHR1	2488470	CHR1:2488470	SSF x Far_LoA	-10,065	0,047	0,291
CHR1	2493056	CHR1:2493056	SSF x Far_LoA	-10,507	0,072	0,296
CHR1	2493076	CHR1:2493076	SSF x Far_LoA	-8,958	-0,031	0,286
CHR1	2493098	CHR1:2493098	SSF x Far_LoA	-8,484	-0,074	0,289
CHR1	2493114	CHR1:2493114	SSF x Far_LoA	-11,200	0,117	0,280
CHR1	2493167	CHR1:2493167	SSF x Far_LoA	-11,340	0,048	0,300
CHR1	2493196	CHR1:2493196	SSF x Far_LoA	-8,603	0,179	0,276
CHR1	2493253	CHR1:2493253	SSF x Far_LoA	-8,842	0,008	0,305
CHR1	2497732	CHR1:2497732	SSF x Far_LoA	-11,794	0,059	0,278
CHR1	2497867	CHR1:2497867	SSF x Far_LoA	-8,316	-0,071	0,301
CHR1	2497910	CHR1:2497910	SSF x Far_LoA	-6,870	0,039	0,302
CHR1	2497958	CHR1:2497958	SSF x Far_LoA	-9,151	0,031	0,299

CHR1	2497970	CHR1:2497970	SSF x Far_LoA	-10,334	0,038	0,285
CHR1	2497981	CHR1:2497981	SSF x Far_LoA	-7,518	0,150	0,288
CHR1	2498002	CHR1:2498002	SSF x Far_LoA	-4,989	0,159	0,288
CHR1	2504872	CHR1:2504872	SSF x Far_LoA	-7,655	0,202	0,281
CHR1	2505835	CHR1:2505835	SSF x Far_LoA	-10,839	0,028	0,283
CHR1	2505939	CHR1:2505939	SSF x Far_LoA	-11,457	0,001	0,296
CHR1	2505947	CHR1:2505947	SSF x Far_LoA	-9,718	0,029	0,300
CHR1	2505978	CHR1:2505978	SSF x Far_LoA	-12,086	0,028	0,282
CHR1	2505992	CHR1:2505992	SSF x Far_LoA	-11,322	-0,083	0,278
CHR1	2506019	CHR1:2506019	SSF x Far_LoA	-8,918	0,010	0,290
CHR1	2506092	CHR1:2506092	SSF x Far_LoA	-8,657	0,010	0,287
CHR1	2514173	CHR1:2514173	SSF x Far_LoA	-10,962	-0,091	0,292
CHR1	2514329	CHR1:2514329	SSF x Far_LoA	-6,307	0,050	0,303
CHR1	2514368	CHR1:2514368	SSF x Far_LoA	-9,809	-0,044	0,282
CHR1	2522920	CHR1:2522920	SSF x Far_LoA	-6,524	0,000	0,288
CHR1	2522934	CHR1:2522934	SSF x Far_LoA	-9,083	-0,089	0,285
CHR1	2522937	CHR1:2522937	SSF x Far_LoA	-10,776	-0,141	0,278
CHR1	2522967	CHR1:2522967	SSF x Far_LoA	-11,352	-0,073	0,282
CHR1	2523025	CHR1:2523025	SSF x Far_LoA	-10,138	-0,009	0,283
CHR1	2523124	CHR1:2523124	SSF x Far_LoA	-8,691	-0,029	0,290
CHR1	2527595	CHR1:2527595	SSF x Far_LoA	-9,419	0,106	0,281
CHR1	2527609	CHR1:2527609	SSF x Far_LoA	-11,090	0,026	0,293
CHR1	2527662	CHR1:2527662	SSF x Far_LoA	-10,306	0,034	0,299
CHR1	2542712	CHR1:2542712	SSF x Far_LoA	-8,440	0,106	0,296
CHR1	2542726	CHR1:2542726	SSF x Far_LoA	-10,313	0,020	0,314
CHR1	2542727	CHR1:2542727	SSF x Far_LoA	-9,814	-0,004	0,310
CHR1	2542982	CHR1:2542982	SSF x Far_LoA	-10,097	-0,128	0,280
CHR1	2543012	CHR1:2543012	SSF x Far_LoA	-10,975	0,004	0,300
CHR1	2543013	CHR1:2543013	SSF x Far_LoA	-11,512	0,031	0,301
CHR1	2548543	CHR1:2548543	SSF x Far_LoA	-8,308	-0,022	0,289
CHR1	2563889	CHR1:2563889	SSF x Far_LoA	-10,733	-0,006	0,301
CHR1	2563932	CHR1:2563932	SSF x Far_LoA	-9,753	-0,048	0,291
CHR1	2565491	CHR1:2565491	SSF x Far_LoA	-10,500	-0,011	0,284
CHR1	2565500	CHR1:2565500	SSF x Far_LoA	-10,280	0,020	0,285
CHR1	2565509	CHR1:2565509	SSF x Far_LoA	-10,605	-0,031	0,271
CHR1	2565538	CHR1:2565538	SSF x Far_LoA	-11,387	-0,002	0,283
CHR1	2573322	CHR1:2573322	SSF x Far_LoA	-9,689	-0,116	0,307
CHR1	2575832	CHR1:2575832	SSF x Far_LoA	-10,409	-0,008	0,284
CHR1	2575998	CHR1:2575998	SSF x Far_LoA	-8,226	0,008	0,304
CHR1	2576117	CHR1:2576117	SSF x Far_LoA	-9,167	-0,046	0,307
CHR1	2593867	CHR1:2593867	SSF x Far_LoA	-6,807	0,124	0,287
CHR1	2593949	CHR1:2593949	SSF x Far_LoA	-10,190	-0,066	0,278
CHR1	2593974	CHR1:2593974	SSF x Far_LoA	-10,038	-0,026	0,292
CHR1	2593989	CHR1:2593989	SSF x Far_LoA	-9,658	0,012	0,307
CHR1	2594032	CHR1:2594032	SSF x Far_LoA	-8,231	-0,051	0,295
CHR1	2606134	CHR1:2606134	SSF x Far_LoA	-10,641	-0,014	0,285
CHR1	2606414	CHR1:2606414	SSF x Far_LoA	-9,964	-0,114	0,281
CHR1	2606417	CHR1:2606417	SSF x Far_LoA	-9,218	-0,044	0,295
CHR1	2606424	CHR1:2606424	SSF x Far_LoA	-9,570	0,067	0,299
CHR1	2606468	CHR1:2606468	SSF x Far_LoA	-8,670	-0,007	0,308
CHR1	2606486	CHR1:2606486	SSF x Far_LoA	-10,688	-0,112	0,278
CHR1	2606504	CHR1:2606504	SSF x Far_LoA	-10,069	-0,083	0,299
CHR1	2614437	CHR1:2614437	SSF x Far_LoA	-11,168	0,057	0,284

CHR1	2630655	CHR1:2630655	SSF x Far_LoA	-11,846	-0,029	0,310
CHR1	2661414	CHR1:2661414	SSF x Far_LoA	-9,661	-0,142	0,272
CHR1	2661532	CHR1:2661532	SSF x Far_LoA	-11,175	0,107	0,293
CHR1	2661668	CHR1:2661668	SSF x Far_LoA	-9,106	-0,095	0,285
CHR1	2661684	CHR1:2661684	SSF x Far_LoA	-8,679	0,058	0,266
CHR1	2678135	CHR1:2678135	SSF x Far_LoA	-11,210	0,057	0,299
CHR1	2687267	CHR1:2687267	SSF x Far_LoA	-7,668	-0,107	0,283
CHR1	2687599	CHR1:2687599	SSF x Far_LoA	-8,113	-0,160	0,305
CHR1	2688843	CHR1:2688843	SSF x Far_LoA	-10,036	-0,076	0,276
CHR1	2688864	CHR1:2688864	SSF x Far_LoA	-11,800	0,049	0,291
CHR1	2688939	CHR1:2688939	SSF x Far_LoA	-5,892	0,121	0,285
CHR1	2688942	CHR1:2688942	SSF x Far_LoA	-6,973	0,129	0,281
CHR1	2688957	CHR1:2688957	SSF x Far_LoA	-8,928	0,016	0,290
CHR1	2689044	CHR1:2689044	SSF x Far_LoA	-8,222	0,039	0,296
CHR1	2708349	CHR1:2708349	SSF x Far_LoA	-10,866	-0,067	0,288
CHR1	2708543	CHR1:2708543	SSF x Far_LoA	-8,805	0,078	0,286
CHR1	2734503	CHR1:2734503	SSF x Far_LoA	-8,192	0,105	0,281
CHR1	2734561	CHR1:2734561	SSF x Far_LoA	-7,165	0,050	0,285
CHR1	2769044	CHR1:2769044	SSF x Far_LoA	-10,809	-0,012	0,307
CHR1	2769118	CHR1:2769118	SSF x Far_LoA	-8,812	-0,123	0,302
CHR1	2769261	CHR1:2769261	SSF x Far_LoA	-11,001	-0,084	0,281
CHR1	2769304	CHR1:2769304	SSF x Far_LoA	-7,576	0,082	0,294
CHR1	2780255	CHR1:2780255	SSF x Far_LoA	-10,300	-0,048	0,285
CHR1	2781523	CHR1:2781523	SSF x Far_LoA	-10,424	-0,111	0,270
CHR1	2782456	CHR1:2782456	SSF x Far_LoA	-12,345	0,033	0,297
CHR1	2782461	CHR1:2782461	SSF x Far_LoA	-6,766	-0,159	0,296
CHR1	2782475	CHR1:2782475	SSF x Far_LoA	-10,791	0,012	0,279
CHR1	2782521	CHR1:2782521	SSF x Far_LoA	-11,457	0,085	0,272
CHR1	2782523	CHR1:2782523	SSF x Far_LoA	-10,281	-0,106	0,276
CHR1	2782616	CHR1:2782616	SSF x Far_LoA	-9,696	-0,009	0,288
CHR1	2782621	CHR1:2782621	SSF x Far_LoA	-9,108	-0,055	0,311
CHR1	2788289	CHR1:2788289	SSF x Far_LoA	-8,298	-0,011	0,297
CHR1	2788296	CHR1:2788296	SSF x Far_LoA	-8,358	0,035	0,294
CHR1	2788369	CHR1:2788369	SSF x Far_LoA	-9,479	0,009	0,285
CHR1	2788370	CHR1:2788370	SSF x Far_LoA	-12,623	0,046	0,284
CHR1	2788613	CHR1:2788613	SSF x Far_LoA	-11,517	0,012	0,293
CHR1	2791169	CHR1:2791169	SSF x Far_LoA	-6,005	-0,136	0,296
CHR1	2791527	CHR1:2791527	SSF x Far_LoA	-10,928	-0,052	0,292
CHR1	2792693	CHR1:2792693	SSF x Far_LoA	-12,242	0,063	0,277
CHR1	2792765	CHR1:2792765	SSF x Far_LoA	-9,853	0,080	0,293
CHR1	2792774	CHR1:2792774	SSF x Far_LoA	-10,236	-0,026	0,280
CHR1	2793504	CHR1:2793504	SSF x Far_LoA	-7,533	0,093	0,292
CHR1	2793580	CHR1:2793580	SSF x Far_LoA	2,051	-0,002	0,291
CHR1	2793770	CHR1:2793770	SSF x Far_LoA	-9,284	0,057	0,304
CHR1	2797109	CHR1:2797109	SSF x Far_LoA	-9,732	0,026	0,300
CHR1	2815788	CHR1:2815788	SSF x Far_LoA	-3,951	-0,125	0,280
CHR1	2834005	CHR1:2834005	SSF x Far_LoA	-6,293	-0,104	0,294
CHR1	2834068	CHR1:2834068	SSF x Far_LoA	-11,534	0,037	0,290
CHR1	2834129	CHR1:2834129	SSF x Far_LoA	-8,100	0,153	0,284
CHR1	2834214	CHR1:2834214	SSF x Far_LoA	-10,215	-0,001	0,280
CHR1	2846352	CHR1:2846352	SSF x Far_LoA	-7,201	-0,022	0,292
CHR1	2846448	CHR1:2846448	SSF x Far_LoA	-9,546	0,049	0,290
CHR1	2846553	CHR1:2846553	SSF x Far_LoA	-12,043	0,023	0,290

CHR1	2858668	CHR1:2858668	SSF x Far_LoA	-10,316	-0,024	0,290
CHR1	2858671	CHR1:2858671	SSF x Far_LoA	-9,146	-0,050	0,277
CHR1	2858719	CHR1:2858719	SSF x Far_LoA	-7,862	-0,007	0,298
CHR1	2858755	CHR1:2858755	SSF x Far_LoA	-7,974	-0,024	0,295
CHR1	2858828	CHR1:2858828	SSF x Far_LoA	-7,310	0,134	0,289
CHR1	2858854	CHR1:2858854	SSF x Far_LoA	-10,774	0,033	0,291
CHR1	2860776	CHR1:2860776	SSF x Far_LoA	-10,352	0,059	0,301
CHR1	2860810	CHR1:2860810	SSF x Far_LoA	-9,896	-0,015	0,295
CHR1	2860844	CHR1:2860844	SSF x Far_LoA	-9,066	-0,078	0,282
CHR1	2860862	CHR1:2860862	SSF x Far_LoA	-11,131	-0,041	0,299
CHR1	2893593	CHR1:2893593	SSF x Far_LoA	-10,037	-0,089	0,309
CHR1	2893676	CHR1:2893676	SSF x Far_LoA	-10,551	0,079	0,301
CHR1	2900278	CHR1:2900278	SSF x Far_LoA	-8,722	0,066	0,295
CHR1	2900291	CHR1:2900291	SSF x Far_LoA	-11,253	0,069	0,275
CHR1	2900359	CHR1:2900359	SSF x Far_LoA	-11,011	-0,032	0,296
CHR1	2900451	CHR1:2900451	SSF x Far_LoA	-9,341	-0,064	0,285
CHR1	2900486	CHR1:2900486	SSF x Far_LoA	-8,793	-0,111	0,281
CHR1	2900517	CHR1:2900517	SSF x Far_LoA	-11,098	0,110	0,285
CHR1	2900548	CHR1:2900548	SSF x Far_LoA	-10,880	-0,050	0,283
CHR1	2900598	CHR1:2900598	SSF x Far_LoA	-8,560	0,062	0,286
CHR1	2904376	CHR1:2904376	SSF x Far_LoA	-10,278	-0,077	0,287
CHR1	2904436	CHR1:2904436	SSF x Far_LoA	-9,794	-0,004	0,301
CHR1	2904510	CHR1:2904510	SSF x Far_LoA	-6,581	-0,167	0,300
CHR1	2908867	CHR1:2908867	SSF x Far_LoA	-9,253	0,030	0,292
CHR1	2908951	CHR1:2908951	SSF x Far_LoA	-10,347	0,089	0,291
CHR1	2908977	CHR1:2908977	SSF x Far_LoA	-5,710	-0,007	0,292
CHR1	2909009	CHR1:2909009	SSF x Far_LoA	-11,247	-0,059	0,295
CHR1	2927020	CHR1:2927020	SSF x Far_LoA	-10,196	0,017	0,293
CHR1	2927123	CHR1:2927123	SSF x Far_LoA	-9,427	-0,102	0,290
CHR1	2927126	CHR1:2927126	SSF x Far_LoA	-9,066	-0,022	0,300
CHR1	2927196	CHR1:2927196	SSF x Far_LoA	-3,961	-0,180	0,284
CHR1	2927225	CHR1:2927225	SSF x Far_LoA	-4,384	-0,124	0,301
CHR1	2927386	CHR1:2927386	SSF x Far_LoA	-11,554	-0,029	0,294
CHR1	2939466	CHR1:2939466	SSF x Far_LoA	-9,009	-0,048	0,300
CHR1	2939601	CHR1:2939601	SSF x Far_LoA	-9,535	0,053	0,288
CHR1	2939646	CHR1:2939646	SSF x Far_LoA	-8,845	-0,019	0,285
CHR1	2944420	CHR1:2944420	SSF x Far_LoA	-10,521	-0,038	0,288
CHR1	2944447	CHR1:2944447	SSF x Far_LoA	-9,340	-0,092	0,303
CHR1	2944469	CHR1:2944469	SSF x Far_LoA	-8,358	-0,073	0,290
CHR1	2944527	CHR1:2944527	SSF x Far_LoA	-9,075	0,053	0,296
CHR1	2944543	CHR1:2944543	SSF x Far_LoA	-8,652	0,057	0,287
CHR1	2954875	CHR1:2954875	SSF x Far_LoA	-7,440	0,154	0,288
CHR1	2954924	CHR1:2954924	SSF x Far_LoA	-9,114	0,084	0,294
CHR1	2954975	CHR1:2954975	SSF x Far_LoA	-9,422	-0,106	0,279
CHR1	2958227	CHR1:2958227	SSF x Far_LoA	-11,466	-0,008	0,287
CHR1	2958295	CHR1:2958295	SSF x Far_LoA	-10,838	0,002	0,289
CHR1	2958333	CHR1:2958333	SSF x Far_LoA	-11,862	0,023	0,292
CHR1	2958342	CHR1:2958342	SSF x Far_LoA	-10,426	0,022	0,280
CHR1	2958359	CHR1:2958359	SSF x Far_LoA	-8,305	-0,027	0,293
CHR1	2959483	CHR1:2959483	SSF x Far_LoA	-9,980	0,054	0,284
CHR1	2969922	CHR1:2969922	SSF x Far_LoA	-5,698	0,070	0,311
CHR1	2978426	CHR1:2978426	SSF x Far_LoA	-8,463	0,169	0,278
CHR1	2978559	CHR1:2978559	SSF x Far_LoA	-10,675	0,056	0,300

CHR1	2979261	CHR1:2979261	SSF x Far_LoA	-9,883	0,133	0,280
CHR1	2979409	CHR1:2979409	SSF x Far_LoA	-7,459	0,120	0,288
CHR1	2979506	CHR1:2979506	SSF x Far_LoA	-8,997	0,000	0,276
CHR1	2979518	CHR1:2979518	SSF x Far_LoA	-10,531	-0,004	0,298
CHR1	2989868	CHR1:2989868	SSF x Far_LoA	-11,183	0,059	0,286
CHR1	2989973	CHR1:2989973	SSF x Far_LoA	-9,487	-0,143	0,292
CHR1	3022072	CHR1:3022072	SSF x Far_LoA	-12,229	-0,010	0,295
CHR1	3022081	CHR1:3022081	SSF x Far_LoA	-11,003	0,022	0,287
CHR1	3022353	CHR1:3022353	SSF x Far_LoA	-11,147	0,064	0,281
CHR1	3022354	CHR1:3022354	SSF x Far_LoA	-8,504	-0,077	0,289
CHR1	3022431	CHR1:3022431	SSF x Far_LoA	-9,707	-0,017	0,293
CHR1	3025193	CHR1:3025193	SSF x Far_LoA	-10,228	0,038	0,291
CHR1	3025308	CHR1:3025308	SSF x Far_LoA	-9,738	-0,010	0,293
CHR1	3025370	CHR1:3025370	SSF x Far_LoA	-8,906	-0,012	0,302
CHR1	3051383	CHR1:3051383	SSF x Far_LoA	-9,336	-0,040	0,290
CHR1	3051399	CHR1:3051399	SSF x Far_LoA	-9,816	-0,087	0,289
CHR1	3051465	CHR1:3051465	SSF x Far_LoA	-8,481	-0,100	0,283
CHR1	3054637	CHR1:3054637	SSF x Far_LoA	-10,228	-0,140	0,283
CHR1	3059581	CHR1:3059581	SSF x Far_LoA	-9,263	-0,062	0,287
CHR1	3091893	CHR1:3091893	SSF x Far_LoA	-8,546	-0,033	0,294
CHR1	3102942	CHR1:3102942	SSF x Far_LoA	-11,153	0,005	0,300
CHR1	3110776	CHR1:3110776	SSF x Far_LoA	-9,701	-0,034	0,289
CHR1	3110777	CHR1:3110777	SSF x Far_LoA	-10,797	-0,044	0,288
CHR1	3110858	CHR1:3110858	SSF x Far_LoA	-9,760	0,097	0,300
CHR1	3110896	CHR1:3110896	SSF x Far_LoA	-7,572	-0,065	0,284
CHR1	3111949	CHR1:3111949	SSF x Far_LoA	-8,443	0,065	0,303
CHR1	3114736	CHR1:3114736	SSF x Far_LoA	-5,065	0,159	0,288
CHR1	3114949	CHR1:3114949	SSF x Far_LoA	-6,275	-0,202	0,287
CHR1	3118217	CHR1:3118217	SSF x Far_LoA	-11,208	-0,112	0,285
CHR1	3121494	CHR1:3121494	SSF x Far_LoA	-12,016	0,009	0,288
CHR1	3121682	CHR1:3121682	SSF x Far_LoA	-8,391	-0,123	0,284
CHR1	3122838	CHR1:3122838	SSF x Far_LoA	-10,636	0,123	0,289
CHR1	3122870	CHR1:3122870	SSF x Far_LoA	-4,770	-0,100	0,280
CHR1	3122887	CHR1:3122887	SSF x Far_LoA	-10,751	-0,046	0,288
CHR1	3122889	CHR1:3122889	SSF x Far_LoA	-4,001	0,274	0,267
CHR1	3122953	CHR1:3122953	SSF x Far_LoA	-6,294	-0,128	0,297
CHR1	3123165	CHR1:3123165	SSF x Far_LoA	-9,620	-0,024	0,289
CHR1	3126293	CHR1:3126293	SSF x Far_LoA	-10,302	0,062	0,287
CHR1	3126382	CHR1:3126382	SSF x Far_LoA	-11,034	-0,066	0,292
CHR1	3126469	CHR1:3126469	SSF x Far_LoA	-8,647	-0,065	0,293
CHR1	3126512	CHR1:3126512	SSF x Far_LoA	-7,324	-0,188	0,268
CHR1	3127930	CHR1:3127930	SSF x Far_LoA	-10,458	0,080	0,312
CHR1	3127947	CHR1:3127947	SSF x Far_LoA	-9,825	0,000	0,303
CHR1	3130974	CHR1:3130974	SSF x Far_LoA	-11,456	0,000	0,291
CHR1	3131085	CHR1:3131085	SSF x Far_LoA	-8,146	0,089	0,284
CHR1	3131090	CHR1:3131090	SSF x Far_LoA	3,931	0,070	0,300
CHR1	3131138	CHR1:3131138	SSF x Far_LoA	-8,960	-0,024	0,290
CHR1	3136689	CHR1:3136689	SSF x Far_LoA	-8,192	-0,036	0,285
CHR1	3136816	CHR1:3136816	SSF x Far_LoA	-9,357	-0,022	0,293
CHR1	3136962	CHR1:3136962	SSF x Far_LoA	-10,307	-0,134	0,283
CHR1	3138260	CHR1:3138260	SSF x Far_LoA	-5,191	-0,021	0,309
CHR1	3138346	CHR1:3138346	SSF x Far_LoA	-12,419	0,058	0,281
CHR1	3138445	CHR1:3138445	SSF x Far_LoA	-4,526	-0,049	0,296

CHR1	3138533	CHR1:3138533	SSF x Far_LoA	-10,743	-0,010	0,294
CHR1	3143780	CHR1:3143780	SSF x Far_LoA	-8,450	0,189	0,270
CHR1	3155843	CHR1:3155843	SSF x Far_LoA	-8,312	-0,088	0,290
CHR1	3155872	CHR1:3155872	SSF x Far_LoA	-3,463	0,174	0,287
CHR1	3166953	CHR1:3166953	SSF x Far_LoA	-7,895	0,164	0,285
CHR1	3167008	CHR1:3167008	SSF x Far_LoA	-10,722	0,078	0,288
CHR1	3167049	CHR1:3167049	SSF x Far_LoA	-6,014	-0,186	0,280
CHR1	3167064	CHR1:3167064	SSF x Far_LoA	-6,625	-0,147	0,278
CHR1	3177250	CHR1:3177250	SSF x Far_LoA	-8,278	0,024	0,304
CHR1	3177855	CHR1:3177855	SSF x Far_LoA	3,766	-0,220	0,279
CHR1	3177868	CHR1:3177868	SSF x Far_LoA	-6,173	0,092	0,298
CHR1	3177905	CHR1:3177905	SSF x Far_LoA	-9,082	-0,079	0,290
CHR1	3186110	CHR1:3186110	SSF x Far_LoA	-5,339	-0,096	0,297
CHR1	3186272	CHR1:3186272	SSF x Far_LoA	-8,087	-0,123	0,303
CHR1	3186278	CHR1:3186278	SSF x Far_LoA	-6,888	-0,130	0,283
CHR1	3186281	CHR1:3186281	SSF x Far_LoA	-10,100	-0,164	0,290
CHR1	3188658	CHR1:3188658	SSF x Far_LoA	-6,984	0,069	0,284
CHR1	3188720	CHR1:3188720	SSF x Far_LoA	-9,913	0,071	0,287
CHR1	3188826	CHR1:3188826	SSF x Far_LoA	-10,673	0,004	0,300
CHR1	3192774	CHR1:3192774	SSF x Far_LoA	-8,202	-0,115	0,268
CHR1	3197243	CHR1:3197243	SSF x Far_LoA	-0,140	-0,130	0,289
CHR1	3202842	CHR1:3202842	SSF x Far_LoA	-6,133	-0,182	0,264
CHR1	3202916	CHR1:3202916	SSF x Far_LoA	-9,115	0,074	0,296
CHR1	3202942	CHR1:3202942	SSF x Far_LoA	-9,399	0,052	0,285
CHR1	3202986	CHR1:3202986	SSF x Far_LoA	-7,189	0,047	0,277
CHR1	3202988	CHR1:3202988	SSF x Far_LoA	-8,331	0,082	0,291
CHR1	3202992	CHR1:3202992	SSF x Far_LoA	-9,219	0,066	0,280
CHR1	3219249	CHR1:3219249	SSF x Far_LoA	-10,719	0,005	0,305
CHR1	3227896	CHR1:3227896	SSF x Far_LoA	-6,958	0,113	0,301
CHR1	3259245	CHR1:3259245	SSF x Far_LoA	-9,368	-0,032	0,283
CHR1	3259279	CHR1:3259279	SSF x Far_LoA	-9,962	0,031	0,293
CHR1	3260963	CHR1:3260963	SSF x Far_LoA	-9,164	0,000	0,285
CHR1	3260970	CHR1:3260970	SSF x Far_LoA	-7,825	0,001	0,285
CHR1	3261020	CHR1:3261020	SSF x Far_LoA	-8,316	0,079	0,292
CHR1	3261085	CHR1:3261085	SSF x Far_LoA	-8,854	0,125	0,294
CHR1	3261127	CHR1:3261127	SSF x Far_LoA	-7,539	0,109	0,290
CHR1	3261161	CHR1:3261161	SSF x Far_LoA	-7,021	-0,090	0,292
CHR1	3261198	CHR1:3261198	SSF x Far_LoA	1,317	0,201	0,288
CHR1	3261267	CHR1:3261267	SSF x Far_LoA	-6,541	-0,185	0,272
CHR1	3266508	CHR1:3266508	SSF x Far_LoA	-8,913	0,027	0,295
CHR1	3285538	CHR1:3285538	SSF x Far_LoA	-8,276	0,013	0,300
CHR1	3285670	CHR1:3285670	SSF x Far_LoA	-7,812	-0,009	0,283
CHR1	3287149	CHR1:3287149	SSF x Far_LoA	-12,301	0,002	0,278
CHR1	3287214	CHR1:3287214	SSF x Far_LoA	-10,676	-0,107	0,284
CHR1	3295344	CHR1:3295344	SSF x Far_LoA	-0,365	0,104	0,286
CHR1	3306066	CHR1:3306066	SSF x Far_LoA	-9,071	-0,018	0,271
CHR1	3306142	CHR1:3306142	SSF x Far_LoA	-10,710	-0,071	0,301
CHR1	3306148	CHR1:3306148	SSF x Far_LoA	-9,332	-0,101	0,273
CHR1	3306545	CHR1:3306545	SSF x Far_LoA	-3,159	0,002	0,275
CHR1	3315116	CHR1:3315116	SSF x Far_LoA	-8,593	-0,002	0,290
CHR1	3317357	CHR1:3317357	SSF x Far_LoA	-5,870	0,140	0,309
CHR1	3317366	CHR1:3317366	SSF x Far_LoA	-10,748	0,050	0,288
CHR1	3340269	CHR1:3340269	SSF x Far_LoA	-10,290	-0,090	0,293

CHR1	3346503	CHR1:3346503	SSF x Far_LoA	-10,091	0,025	0,300
CHR1	3346516	CHR1:3346516	SSF x Far_LoA	-7,216	0,100	0,294
CHR1	3350859	CHR1:3350859	SSF x Far_LoA	-8,834	-0,033	0,288
CHR1	3350962	CHR1:3350962	SSF x Far_LoA	-8,754	-0,052	0,288
CHR1	3377232	CHR1:3377232	SSF x Far_LoA	-8,179	0,098	0,278
CHR1	3406478	CHR1:3406478	SSF x Far_LoA	-10,530	0,098	0,285
CHR1	3406487	CHR1:3406487	SSF x Far_LoA	-9,604	-0,055	0,304
CHR1	3406633	CHR1:3406633	SSF x Far_LoA	-9,500	0,021	0,285
CHR1	3406649	CHR1:3406649	SSF x Far_LoA	-11,333	0,060	0,287
CHR1	3412143	CHR1:3412143	SSF x Far_LoA	-8,484	-0,046	0,287
CHR1	3412167	CHR1:3412167	SSF x Far_LoA	-10,398	-0,047	0,305
CHR1	3429999	CHR1:3429999	SSF x Far_LoA	-5,921	0,184	0,292
CHR1	3430177	CHR1:3430177	SSF x Far_LoA	-7,342	0,075	0,275
CHR1	343906	CHR1:343906	SSF x Far_LoA	-6,203	-0,117	0,288
CHR1	3439242	CHR1:3439242	SSF x Far_LoA	-9,513	-0,088	0,301
CHR1	3439291	CHR1:3439291	SSF x Far_LoA	-10,774	0,042	0,276
CHR1	3439309	CHR1:3439309	SSF x Far_LoA	-7,791	-0,045	0,298
CHR1	3451532	CHR1:3451532	SSF x Far_LoA	-10,396	-0,027	0,300
CHR1	3451621	CHR1:3451621	SSF x Far_LoA	-10,592	-0,056	0,281
CHR1	3454305	CHR1:3454305	SSF x Far_LoA	-11,816	-0,026	0,295
CHR1	3454633	CHR1:3454633	SSF x Far_LoA	-11,591	-0,048	0,283
CHR1	3469446	CHR1:3469446	SSF x Far_LoA	-9,815	0,119	0,301
CHR1	3469581	CHR1:3469581	SSF x Far_LoA	-9,182	0,096	0,285
CHR1	3469585	CHR1:3469585	SSF x Far_LoA	-3,442	0,120	0,282
CHR1	3469625	CHR1:3469625	SSF x Far_LoA	-11,258	0,023	0,296
CHR1	3469675	CHR1:3469675	SSF x Far_LoA	-8,697	0,067	0,298
CHR1	3483332	CHR1:3483332	SSF x Far_LoA	-8,077	0,133	0,270
CHR1	3514928	CHR1:3514928	SSF x Far_LoA	-8,705	0,109	0,289
CHR1	3514938	CHR1:3514938	SSF x Far_LoA	-10,850	0,073	0,291
CHR1	3515077	CHR1:3515077	SSF x Far_LoA	-10,996	-0,119	0,274
CHR1	3519880	CHR1:3519880	SSF x Far_LoA	-9,613	0,069	0,282
CHR1	3520260	CHR1:3520260	SSF x Far_LoA	-8,330	-0,034	0,286
CHR1	3520262	CHR1:3520262	SSF x Far_LoA	-8,661	-0,036	0,289
CHR1	3525713	CHR1:3525713	SSF x Far_LoA	-10,309	0,079	0,279
CHR1	3539885	CHR1:3539885	SSF x Far_LoA	-10,939	-0,099	0,298
CHR1	3543352	CHR1:3543352	SSF x Far_LoA	-7,850	0,082	0,291
CHR1	3543520	CHR1:3543520	SSF x Far_LoA	-8,710	-0,095	0,288
CHR1	3557490	CHR1:3557490	SSF x Far_LoA	-11,579	-0,044	0,286
CHR1	3557512	CHR1:3557512	SSF x Far_LoA	-11,089	-0,073	0,285
CHR1	3560130	CHR1:3560130	SSF x Far_LoA	-8,000	-0,119	0,292
CHR1	3560214	CHR1:3560214	SSF x Far_LoA	-10,117	0,039	0,295
CHR1	3560258	CHR1:3560258	SSF x Far_LoA	-11,114	-0,011	0,277
CHR1	3560359	CHR1:3560359	SSF x Far_LoA	-8,258	0,111	0,292
CHR1	3574160	CHR1:3574160	SSF x Far_LoA	-9,367	-0,008	0,292
CHR1	3574166	CHR1:3574166	SSF x Far_LoA	-7,334	0,024	0,307
CHR1	3574182	CHR1:3574182	SSF x Far_LoA	-8,588	0,024	0,289
CHR1	3574188	CHR1:3574188	SSF x Far_LoA	-9,516	0,003	0,282
CHR1	3574194	CHR1:3574194	SSF x Far_LoA	-10,404	0,032	0,290
CHR1	3574200	CHR1:3574200	SSF x Far_LoA	-9,036	0,021	0,302
CHR1	3574243	CHR1:3574243	SSF x Far_LoA	-10,314	0,032	0,284
CHR1	3574256	CHR1:3574256	SSF x Far_LoA	-8,418	0,082	0,280
CHR1	3592226	CHR1:3592226	SSF x Far_LoA	-8,537	0,009	0,294
CHR1	3624753	CHR1:3624753	SSF x Far_LoA	-8,543	-0,107	0,294

CHR1	3629166	CHR1:3629166	SSF x Far_LoA	-9,097	0,036	0,289
CHR1	3629205	CHR1:3629205	SSF x Far_LoA	-10,397	0,082	0,287
CHR1	3629307	CHR1:3629307	SSF x Far_LoA	-9,278	0,001	0,280
CHR1	3629317	CHR1:3629317	SSF x Far_LoA	-8,626	-0,066	0,299
CHR1	3629339	CHR1:3629339	SSF x Far_LoA	-7,030	-0,136	0,284
CHR1	3629349	CHR1:3629349	SSF x Far_LoA	-8,562	0,031	0,269
CHR1	3630332	CHR1:3630332	SSF x Far_LoA	-2,439	-0,050	0,292
CHR1	3630554	CHR1:3630554	SSF x Far_LoA	-10,704	0,071	0,285
CHR1	3632498	CHR1:3632498	SSF x Far_LoA	-10,028	-0,039	0,276
CHR1	3632509	CHR1:3632509	SSF x Far_LoA	-8,078	-0,051	0,301
CHR1	3632549	CHR1:3632549	SSF x Far_LoA	-5,688	-0,105	0,285
CHR1	3632576	CHR1:3632576	SSF x Far_LoA	-7,158	-0,030	0,291
CHR1	3634556	CHR1:3634556	SSF x Far_LoA	-11,737	-0,049	0,280
CHR1	3638545	CHR1:3638545	SSF x Far_LoA	-9,763	-0,016	0,278
CHR1	3658428	CHR1:3658428	SSF x Far_LoA	-11,089	-0,093	0,286
CHR1	3658501	CHR1:3658501	SSF x Far_LoA	-7,698	0,142	0,286
CHR1	3658601	CHR1:3658601	SSF x Far_LoA	-10,449	-0,055	0,288
CHR1	3664673	CHR1:3664673	SSF x Far_LoA	-8,197	0,022	0,284
CHR1	3664681	CHR1:3664681	SSF x Far_LoA	-6,188	0,102	0,284
CHR1	3664703	CHR1:3664703	SSF x Far_LoA	-5,329	0,022	0,286
CHR1	3664708	CHR1:3664708	SSF x Far_LoA	-7,855	0,042	0,286
CHR1	3707515	CHR1:3707515	SSF x Far_LoA	-4,003	-0,072	0,280
CHR1	3707975	CHR1:3707975	SSF x Far_LoA	-8,825	-0,058	0,293
CHR1	3752863	CHR1:3752863	SSF x Far_LoA	-8,231	0,038	0,290
CHR1	3791721	CHR1:3791721	SSF x Far_LoA	-10,613	-0,005	0,280
CHR1	3802746	CHR1:3802746	SSF x Far_LoA	-4,046	0,025	0,288
CHR1	3802821	CHR1:3802821	SSF x Far_LoA	-12,225	-0,031	0,279
CHR1	3806315	CHR1:3806315	SSF x Far_LoA	-6,395	-0,084	0,295
CHR1	3806319	CHR1:3806319	SSF x Far_LoA	-10,292	0,062	0,281
CHR1	3808308	CHR1:3808308	SSF x Far_LoA	-8,925	-0,084	0,288
CHR1	380924	CHR1:380924	SSF x Far_LoA	-7,737	0,146	0,302
CHR1	3824309	CHR1:3824309	SSF x Far_LoA	-7,692	0,047	0,273
CHR1	3824556	CHR1:3824556	SSF x Far_LoA	-8,236	-0,118	0,294
CHR1	3824558	CHR1:3824558	SSF x Far_LoA	-6,490	-0,167	0,302
CHR1	3824559	CHR1:3824559	SSF x Far_LoA	-7,214	-0,138	0,302
CHR1	3824571	CHR1:3824571	SSF x Far_LoA	-10,106	0,139	0,286
CHR1	3827239	CHR1:3827239	SSF x Far_LoA	-6,399	0,167	0,273
CHR1	3827307	CHR1:3827307	SSF x Far_LoA	-8,495	-0,016	0,288
CHR1	3827308	CHR1:3827308	SSF x Far_LoA	-8,683	0,046	0,305
CHR1	3827345	CHR1:3827345	SSF x Far_LoA	-8,920	0,043	0,300
CHR1	3827371	CHR1:3827371	SSF x Far_LoA	-9,434	-0,113	0,294
CHR1	3827379	CHR1:3827379	SSF x Far_LoA	-9,769	-0,095	0,296
CHR1	383570	CHR1:383570	SSF x Far_LoA	-9,912	0,059	0,287
CHR1	383657	CHR1:383657	SSF x Far_LoA	-8,006	0,138	0,289
CHR1	383953	CHR1:383953	SSF x Far_LoA	-10,578	-0,035	0,286
CHR1	3848946	CHR1:3848946	SSF x Far_LoA	-8,337	-0,056	0,301
CHR1	3848953	CHR1:3848953	SSF x Far_LoA	-10,356	-0,089	0,303
CHR1	3849249	CHR1:3849249	SSF x Far_LoA	-9,055	-0,010	0,289
CHR1	3849355	CHR1:3849355	SSF x Far_LoA	-11,363	-0,062	0,290
CHR1	3866384	CHR1:3866384	SSF x Far_LoA	-8,196	-0,042	0,285
CHR1	3866389	CHR1:3866389	SSF x Far_LoA	-4,282	0,181	0,277
CHR1	3866433	CHR1:3866433	SSF x Far_LoA	-11,433	0,024	0,289
CHR1	3866442	CHR1:3866442	SSF x Far_LoA	-11,173	0,006	0,283

CHR1	3866605	CHR1:3866605	SSF x Far_LoA	-9,873	0,003	0,312
CHR1	3869858	CHR1:3869858	SSF x Far_LoA	-7,458	0,065	0,298
CHR1	3869907	CHR1:3869907	SSF x Far_LoA	-9,886	-0,040	0,292
CHR1	3887430	CHR1:3887430	SSF x Far_LoA	-9,731	-0,037	0,280
CHR1	3893100	CHR1:3893100	SSF x Far_LoA	-7,830	0,068	0,284
CHR1	3893196	CHR1:3893196	SSF x Far_LoA	-10,761	0,080	0,293
CHR1	3893243	CHR1:3893243	SSF x Far_LoA	-10,601	0,062	0,293
CHR1	3893264	CHR1:3893264	SSF x Far_LoA	-8,995	0,009	0,295
CHR1	3893312	CHR1:3893312	SSF x Far_LoA	-11,215	0,015	0,300
CHR1	3895305	CHR1:3895305	SSF x Far_LoA	-8,848	0,024	0,294
CHR1	3895346	CHR1:3895346	SSF x Far_LoA	-7,515	0,097	0,295
CHR1	3895414	CHR1:3895414	SSF x Far_LoA	-9,521	0,042	0,288
CHR1	3906238	CHR1:3906238	SSF x Far_LoA	-6,426	0,047	0,290
CHR1	3906299	CHR1:3906299	SSF x Far_LoA	-8,960	-0,026	0,293
CHR1	3906542	CHR1:3906542	SSF x Far_LoA	-10,488	0,014	0,280
CHR1	3906574	CHR1:3906574	SSF x Far_LoA	-10,864	-0,024	0,280
CHR1	3907152	CHR1:3907152	SSF x Far_LoA	-5,272	-0,201	0,294
CHR1	3909184	CHR1:3909184	SSF x Far_LoA	-8,680	-0,076	0,284
CHR1	3909361	CHR1:3909361	SSF x Far_LoA	-9,814	-0,004	0,291
CHR1	3911900	CHR1:3911900	SSF x Far_LoA	-8,297	-0,071	0,299
CHR1	3921907	CHR1:3921907	SSF x Far_LoA	-7,634	-0,167	0,286
CHR1	3921910	CHR1:3921910	SSF x Far_LoA	-10,381	-0,052	0,295
CHR1	3921998	CHR1:3921998	SSF x Far_LoA	-9,939	-0,057	0,289
CHR1	3922043	CHR1:3922043	SSF x Far_LoA	-8,493	0,045	0,301
CHR1	3922052	CHR1:3922052	SSF x Far_LoA	-10,729	-0,025	0,290
CHR1	3922056	CHR1:3922056	SSF x Far_LoA	-7,778	-0,064	0,294
CHR1	3926359	CHR1:3926359	SSF x Far_LoA	-8,514	0,077	0,289
CHR1	3926397	CHR1:3926397	SSF x Far_LoA	-9,219	-0,029	0,293
CHR1	3926430	CHR1:3926430	SSF x Far_LoA	-4,093	-0,093	0,288
CHR1	3926501	CHR1:3926501	SSF x Far_LoA	-10,119	-0,001	0,288
CHR1	3926532	CHR1:3926532	SSF x Far_LoA	-8,593	-0,092	0,290
CHR1	3944254	CHR1:3944254	SSF x Far_LoA	-10,211	-0,021	0,289
CHR1	3955131	CHR1:3955131	SSF x Far_LoA	-7,684	0,069	0,278
CHR1	3955481	CHR1:3955481	SSF x Far_LoA	-6,503	-0,044	0,278
CHR1	3961971	CHR1:3961971	SSF x Far_LoA	-10,968	0,009	0,281
CHR1	3962035	CHR1:3962035	SSF x Far_LoA	-12,134	-0,037	0,292
CHR1	3962040	CHR1:3962040	SSF x Far_LoA	-10,076	-0,082	0,296
CHR1	3962079	CHR1:3962079	SSF x Far_LoA	-8,398	-0,055	0,296
CHR1	3962090	CHR1:3962090	SSF x Far_LoA	-10,962	-0,010	0,294
CHR1	3962110	CHR1:3962110	SSF x Far_LoA	-6,541	0,177	0,285
CHR1	3962120	CHR1:3962120	SSF x Far_LoA	-9,002	-0,032	0,294
CHR1	3962941	CHR1:3962941	SSF x Far_LoA	-3,378	-0,217	0,280
CHR1	3965448	CHR1:3965448	SSF x Far_LoA	-5,812	0,038	0,300
CHR1	3965461	CHR1:3965461	SSF x Far_LoA	-9,907	0,083	0,287
CHR1	3965471	CHR1:3965471	SSF x Far_LoA	-5,807	-0,112	0,278
CHR1	3975258	CHR1:3975258	SSF x Far_LoA	-7,954	0,089	0,294
CHR1	3975379	CHR1:3975379	SSF x Far_LoA	-10,160	-0,072	0,286
CHR1	3975424	CHR1:3975424	SSF x Far_LoA	-8,750	0,165	0,270
CHR1	3984779	CHR1:3984779	SSF x Far_LoA	-4,627	-0,203	0,282
CHR1	3984792	CHR1:3984792	SSF x Far_LoA	-11,432	-0,014	0,288
CHR1	3984928	CHR1:3984928	SSF x Far_LoA	-9,429	-0,064	0,266
CHR1	4008373	CHR1:4008373	SSF x Far_LoA	-8,187	-0,047	0,301
CHR1	4008424	CHR1:4008424	SSF x Far_LoA	-11,421	0,040	0,294

CHR1	4019786	CHR1:4019786	SSF x Far_LoA	-7,146	-0,034	0,297
CHR1	4019803	CHR1:4019803	SSF x Far_LoA	-10,958	-0,036	0,291
CHR1	4019835	CHR1:4019835	SSF x Far_LoA	-9,739	0,053	0,286
CHR1	4019988	CHR1:4019988	SSF x Far_LoA	-10,910	0,007	0,291
CHR1	4021175	CHR1:4021175	SSF x Far_LoA	-2,109	0,085	0,303
CHR1	4026790	CHR1:4026790	SSF x Far_LoA	-8,177	-0,147	0,298
CHR1	4026892	CHR1:4026892	SSF x Far_LoA	-10,010	-0,098	0,297
CHR1	4027706	CHR1:4027706	SSF x Far_LoA	-10,637	0,106	0,270
CHR1	4037665	CHR1:4037665	SSF x Far_LoA	-0,132	0,120	0,295
CHR1	4037860	CHR1:4037860	SSF x Far_LoA	-8,367	-0,017	0,289
CHR1	4052813	CHR1:4052813	SSF x Far_LoA	-11,018	0,074	0,292
CHR1	4052839	CHR1:4052839	SSF x Far_LoA	-8,727	-0,170	0,290
CHR1	4052840	CHR1:4052840	SSF x Far_LoA	-6,803	-0,068	0,278
CHR1	4052856	CHR1:4052856	SSF x Far_LoA	-11,135	-0,072	0,311
CHR1	4052869	CHR1:4052869	SSF x Far_LoA	-10,325	-0,019	0,293
CHR1	4052896	CHR1:4052896	SSF x Far_LoA	-5,739	-0,163	0,282
CHR1	4052957	CHR1:4052957	SSF x Far_LoA	-10,013	-0,014	0,276
CHR1	407264	CHR1:407264	SSF x Far_LoA	-9,045	-0,053	0,281
CHR1	4075270	CHR1:4075270	SSF x Far_LoA	-5,393	-0,022	0,296
CHR1	4075271	CHR1:4075271	SSF x Far_LoA	-9,595	-0,009	0,304
CHR1	4075303	CHR1:4075303	SSF x Far_LoA	-8,302	-0,006	0,304
CHR1	4075431	CHR1:4075431	SSF x Far_LoA	-10,434	0,070	0,287
CHR1	4076658	CHR1:4076658	SSF x Far_LoA	-8,751	0,007	0,295
CHR1	4078065	CHR1:4078065	SSF x Far_LoA	-5,921	0,032	0,300
CHR1	4078071	CHR1:4078071	SSF x Far_LoA	-11,694	-0,022	0,287
CHR1	4078102	CHR1:4078102	SSF x Far_LoA	-11,427	-0,064	0,290
CHR1	4078131	CHR1:4078131	SSF x Far_LoA	-9,418	0,002	0,293
CHR1	4086330	CHR1:4086330	SSF x Far_LoA	-7,316	0,096	0,276
CHR1	4100533	CHR1:4100533	SSF x Far_LoA	-9,348	0,137	0,271
CHR1	4105243	CHR1:4105243	SSF x Far_LoA	-9,665	-0,095	0,294
CHR1	4105310	CHR1:4105310	SSF x Far_LoA	-10,363	0,125	0,284
CHR1	4105345	CHR1:4105345	SSF x Far_LoA	-9,382	-0,056	0,302
CHR1	4121343	CHR1:4121343	SSF x Far_LoA	-10,771	-0,050	0,274
CHR1	4121413	CHR1:4121413	SSF x Far_LoA	-7,860	-0,053	0,301
CHR1	4121420	CHR1:4121420	SSF x Far_LoA	-8,866	-0,053	0,293
CHR1	4121494	CHR1:4121494	SSF x Far_LoA	-8,673	-0,060	0,292
CHR1	4121538	CHR1:4121538	SSF x Far_LoA	-8,464	-0,066	0,282
CHR1	4134725	CHR1:4134725	SSF x Far_LoA	-9,225	0,048	0,301
CHR1	4134884	CHR1:4134884	SSF x Far_LoA	-8,877	-0,064	0,284
CHR1	4149821	CHR1:4149821	SSF x Far_LoA	-8,834	0,026	0,288
CHR1	4149830	CHR1:4149830	SSF x Far_LoA	-0,319	-0,052	0,292
CHR1	4149844	CHR1:4149844	SSF x Far_LoA	-8,462	-0,019	0,285
CHR1	4149950	CHR1:4149950	SSF x Far_LoA	-8,704	0,110	0,289
CHR1	4152059	CHR1:4152059	SSF x Far_LoA	-9,394	-0,123	0,293
CHR1	4152152	CHR1:4152152	SSF x Far_LoA	-7,843	-0,028	0,289
CHR1	4152276	CHR1:4152276	SSF x Far_LoA	-8,620	0,005	0,303
CHR1	4173460	CHR1:4173460	SSF x Far_LoA	-9,931	-0,062	0,287
CHR1	4173554	CHR1:4173554	SSF x Far_LoA	-9,998	0,039	0,294
CHR1	4178511	CHR1:4178511	SSF x Far_LoA	-7,938	0,032	0,298
CHR1	4178665	CHR1:4178665	SSF x Far_LoA	-12,466	0,024	0,283
CHR1	418581	CHR1:418581	SSF x Far_LoA	-8,180	-0,047	0,298
CHR1	418634	CHR1:418634	SSF x Far_LoA	-11,535	0,076	0,285
CHR1	4202646	CHR1:4202646	SSF x Far_LoA	-6,830	0,164	0,289

CHR1	4202665	CHR1:4202665	SSF x Far_LoA	-9,935	-0,031	0,304
CHR1	4202700	CHR1:4202700	SSF x Far_LoA	-11,034	-0,078	0,281
CHR1	4202726	CHR1:4202726	SSF x Far_LoA	-6,784	-0,187	0,277
CHR1	4202731	CHR1:4202731	SSF x Far_LoA	-2,838	-0,208	0,279
CHR1	4202734	CHR1:4202734	SSF x Far_LoA	-9,639	0,027	0,279
CHR1	4202766	CHR1:4202766	SSF x Far_LoA	-8,201	-0,150	0,281
CHR1	4202800	CHR1:4202800	SSF x Far_LoA	-10,793	0,036	0,282
CHR1	4213191	CHR1:4213191	SSF x Far_LoA	-8,475	0,077	0,283
CHR1	4232655	CHR1:4232655	SSF x Far_LoA	-4,788	0,171	0,287
CHR1	4232805	CHR1:4232805	SSF x Far_LoA	-10,225	0,022	0,285
CHR1	4232823	CHR1:4232823	SSF x Far_LoA	-7,827	0,024	0,296
CHR1	4232921	CHR1:4232921	SSF x Far_LoA	-7,303	-0,113	0,300
CHR1	4249529	CHR1:4249529	SSF x Far_LoA	2,114	0,035	0,286
CHR1	4249559	CHR1:4249559	SSF x Far_LoA	-7,431	0,009	0,297
CHR1	4249565	CHR1:4249565	SSF x Far_LoA	-9,044	0,064	0,295
CHR1	4252138	CHR1:4252138	SSF x Far_LoA	-8,428	0,037	0,284
CHR1	4317980	CHR1:4317980	SSF x Far_LoA	-9,566	-0,069	0,279
CHR1	4319145	CHR1:4319145	SSF x Far_LoA	-9,659	-0,048	0,270
CHR1	4319153	CHR1:4319153	SSF x Far_LoA	-7,858	0,089	0,279
CHR1	4319369	CHR1:4319369	SSF x Far_LoA	-9,523	0,009	0,290
CHR1	4319418	CHR1:4319418	SSF x Far_LoA	-10,914	0,037	0,298
CHR1	4325975	CHR1:4325975	SSF x Far_LoA	-8,763	0,005	0,296
CHR1	4326001	CHR1:4326001	SSF x Far_LoA	-0,249	0,131	0,290
CHR1	4326049	CHR1:4326049	SSF x Far_LoA	-9,715	-0,034	0,302
CHR1	4333679	CHR1:4333679	SSF x Far_LoA	-7,313	-0,087	0,300
CHR1	4333822	CHR1:4333822	SSF x Far_LoA	-10,291	-0,055	0,306
CHR1	434214	CHR1:434214	SSF x Far_LoA	-9,054	0,056	0,283
CHR1	4344112	CHR1:4344112	SSF x Far_LoA	-10,795	-0,047	0,288
CHR1	4344171	CHR1:4344171	SSF x Far_LoA	-7,298	-0,142	0,287
CHR1	4355361	CHR1:4355361	SSF x Far_LoA	-8,362	-0,032	0,301
CHR1	4355426	CHR1:4355426	SSF x Far_LoA	-11,379	-0,082	0,294
CHR1	4355448	CHR1:4355448	SSF x Far_LoA	-7,248	-0,030	0,291
CHR1	4355449	CHR1:4355449	SSF x Far_LoA	-8,087	-0,017	0,289
CHR1	4355457	CHR1:4355457	SSF x Far_LoA	-9,999	-0,072	0,288
CHR1	4355465	CHR1:4355465	SSF x Far_LoA	-6,594	-0,093	0,288
CHR1	4355466	CHR1:4355466	SSF x Far_LoA	-7,239	-0,098	0,292
CHR1	4355551	CHR1:4355551	SSF x Far_LoA	-5,719	-0,039	0,287
CHR1	4355553	CHR1:4355553	SSF x Far_LoA	-8,501	0,020	0,290
CHR1	4355554	CHR1:4355554	SSF x Far_LoA	-8,833	-0,060	0,288
CHR1	4355592	CHR1:4355592	SSF x Far_LoA	-10,504	0,060	0,298
CHR1	4355599	CHR1:4355599	SSF x Far_LoA	-9,416	0,156	0,266
CHR1	4355603	CHR1:4355603	SSF x Far_LoA	-11,575	0,000	0,284
CHR1	4355622	CHR1:4355622	SSF x Far_LoA	-8,535	-0,010	0,307
CHR1	4355627	CHR1:4355627	SSF x Far_LoA	-9,663	-0,007	0,292
CHR1	4355628	CHR1:4355628	SSF x Far_LoA	-9,913	-0,011	0,291
CHR1	4363132	CHR1:4363132	SSF x Far_LoA	-11,583	-0,077	0,296
CHR1	4363205	CHR1:4363205	SSF x Far_LoA	-10,262	-0,010	0,294
CHR1	4374590	CHR1:4374590	SSF x Far_LoA	-7,227	0,109	0,304
CHR1	4374608	CHR1:4374608	SSF x Far_LoA	-9,045	-0,029	0,293
CHR1	4374671	CHR1:4374671	SSF x Far_LoA	-7,721	0,097	0,294
CHR1	4374733	CHR1:4374733	SSF x Far_LoA	7,667	0,085	0,281
CHR1	4374736	CHR1:4374736	SSF x Far_LoA	-10,515	0,048	0,298
CHR1	4374776	CHR1:4374776	SSF x Far_LoA	-8,200	0,051	0,287

CHR1	437896	CHR1:437896	SSF x Far_LoA	-9,030	0,066	0,293
CHR1	4379023	CHR1:4379023	SSF x Far_LoA	-8,124	-0,053	0,280
CHR1	4379025	CHR1:4379025	SSF x Far_LoA	-10,454	0,051	0,291
CHR1	4379282	CHR1:4379282	SSF x Far_LoA	-9,530	0,058	0,281
CHR1	4379286	CHR1:4379286	SSF x Far_LoA	-11,850	0,004	0,292
CHR1	4379324	CHR1:4379324	SSF x Far_LoA	-9,184	-0,030	0,293
CHR1	4379360	CHR1:4379360	SSF x Far_LoA	-10,471	-0,138	0,279
CHR1	4379415	CHR1:4379415	SSF x Far_LoA	-7,982	0,112	0,286
CHR1	4383797	CHR1:4383797	SSF x Far_LoA	-10,420	0,073	0,311
CHR1	4386749	CHR1:4386749	SSF x Far_LoA	-7,061	-0,117	0,280
CHR1	4386952	CHR1:4386952	SSF x Far_LoA	-7,867	-0,059	0,297
CHR1	4386974	CHR1:4386974	SSF x Far_LoA	-7,547	-0,105	0,291
CHR1	4387050	CHR1:4387050	SSF x Far_LoA	-3,067	0,115	0,286
CHR1	4389600	CHR1:4389600	SSF x Far_LoA	-6,610	-0,139	0,271
CHR1	4391292	CHR1:4391292	SSF x Far_LoA	-11,898	-0,087	0,281
CHR1	4391293	CHR1:4391293	SSF x Far_LoA	-9,931	-0,024	0,292
CHR1	4391388	CHR1:4391388	SSF x Far_LoA	-5,835	-0,051	0,290
CHR1	4393369	CHR1:4393369	SSF x Far_LoA	-9,626	0,008	0,298
CHR1	4393386	CHR1:4393386	SSF x Far_LoA	-8,920	-0,056	0,288
CHR1	4393415	CHR1:4393415	SSF x Far_LoA	-8,041	0,081	0,278
CHR1	4393433	CHR1:4393433	SSF x Far_LoA	-8,860	-0,025	0,303
CHR1	4393446	CHR1:4393446	SSF x Far_LoA	-9,699	-0,053	0,288
CHR1	4393462	CHR1:4393462	SSF x Far_LoA	-9,828	0,038	0,289
CHR1	4393500	CHR1:4393500	SSF x Far_LoA	-9,553	0,016	0,302
CHR1	4393547	CHR1:4393547	SSF x Far_LoA	-8,948	0,041	0,286
CHR1	4393568	CHR1:4393568	SSF x Far_LoA	-9,695	0,007	0,309
CHR1	4393574	CHR1:4393574	SSF x Far_LoA	-10,252	0,039	0,275
CHR1	441310	CHR1:441310	SSF x Far_LoA	-10,374	-0,075	0,273
CHR1	441437	CHR1:441437	SSF x Far_LoA	-10,597	-0,068	0,299
CHR1	4430416	CHR1:4430416	SSF x Far_LoA	-8,383	0,036	0,292
CHR1	4430459	CHR1:4430459	SSF x Far_LoA	-8,985	0,137	0,276
CHR1	4430469	CHR1:4430469	SSF x Far_LoA	-10,439	0,035	0,289
CHR1	4434359	CHR1:4434359	SSF x Far_LoA	-9,755	-0,004	0,286
CHR1	4434405	CHR1:4434405	SSF x Far_LoA	-9,708	-0,040	0,311
CHR1	4449294	CHR1:4449294	SSF x Far_LoA	-9,381	-0,052	0,297
CHR1	4449350	CHR1:4449350	SSF x Far_LoA	12,461	-0,048	0,302
CHR1	4449353	CHR1:4449353	SSF x Far_LoA	-8,704	-0,078	0,305
CHR1	4449354	CHR1:4449354	SSF x Far_LoA	-7,634	-0,094	0,291
CHR1	4450764	CHR1:4450764	SSF x Far_LoA	-11,097	0,019	0,282
CHR1	4450843	CHR1:4450843	SSF x Far_LoA	-7,971	0,121	0,284
CHR1	4450857	CHR1:4450857	SSF x Far_LoA	-6,541	-0,203	0,268
CHR1	4450915	CHR1:4450915	SSF x Far_LoA	-9,632	-0,010	0,294
CHR1	4451719	CHR1:4451719	SSF x Far_LoA	-9,308	-0,019	0,296
CHR1	4451735	CHR1:4451735	SSF x Far_LoA	-8,860	0,022	0,303
CHR1	4451834	CHR1:4451834	SSF x Far_LoA	-9,170	-0,049	0,293
CHR1	4452012	CHR1:4452012	SSF x Far_LoA	-9,520	0,145	0,286
CHR1	4463516	CHR1:4463516	SSF x Far_LoA	-12,192	-0,004	0,285
CHR1	4473462	CHR1:4473462	SSF x Far_LoA	-10,292	-0,104	0,287
CHR1	4474114	CHR1:4474114	SSF x Far_LoA	-8,224	0,012	0,291
CHR1	4484507	CHR1:4484507	SSF x Far_LoA	-10,172	0,071	0,300
CHR1	4484519	CHR1:4484519	SSF x Far_LoA	-9,242	0,044	0,276
CHR1	4484525	CHR1:4484525	SSF x Far_LoA	-10,360	-0,070	0,287
CHR1	4489291	CHR1:4489291	SSF x Far_LoA	-8,449	-0,100	0,285

CHR1	4489293	CHR1:4489293	SSF x Far_LoA	-7,899	0,078	0,280
CHR1	4489360	CHR1:4489360	SSF x Far_LoA	-9,082	0,029	0,297
CHR1	4490819	CHR1:4490819	SSF x Far_LoA	-9,710	0,035	0,294
CHR1	4627706	CHR1:4627706	SSF x Far_LoA	-8,927	0,042	0,295
CHR1	4631224	CHR1:4631224	SSF x Far_LoA	-8,744	0,124	0,281
CHR1	4638749	CHR1:4638749	SSF x Far_LoA	-6,141	0,197	0,281
CHR1	4638771	CHR1:4638771	SSF x Far_LoA	-1,954	0,240	0,276
CHR1	4644544	CHR1:4644544	SSF x Far_LoA	-8,746	-0,041	0,295
CHR1	4670574	CHR1:4670574	SSF x Far_LoA	-9,425	0,092	0,294
CHR1	4684171	CHR1:4684171	SSF x Far_LoA	-9,403	0,105	0,293
CHR1	4684184	CHR1:4684184	SSF x Far_LoA	-8,523	0,064	0,287
CHR1	4684302	CHR1:4684302	SSF x Far_LoA	-10,282	-0,106	0,291
CHR1	4684483	CHR1:4684483	SSF x Far_LoA	-10,628	-0,118	0,287
CHR1	4684495	CHR1:4684495	SSF x Far_LoA	-9,101	-0,114	0,301
CHR1	4691509	CHR1:4691509	SSF x Far_LoA	-5,602	0,085	0,295
CHR1	4696398	CHR1:4696398	SSF x Far_LoA	-10,821	-0,010	0,298
CHR1	4725234	CHR1:4725234	SSF x Far_LoA	-11,326	-0,055	0,288
CHR1	4725336	CHR1:4725336	SSF x Far_LoA	-11,494	-0,003	0,296
CHR1	4728708	CHR1:4728708	SSF x Far_LoA	-5,883	-0,089	0,293
CHR1	4731268	CHR1:4731268	SSF x Far_LoA	-8,420	-0,093	0,284
CHR1	4767433	CHR1:4767433	SSF x Far_LoA	-7,779	-0,084	0,307
CHR1	4767457	CHR1:4767457	SSF x Far_LoA	-8,903	-0,130	0,298
CHR1	4769144	CHR1:4769144	SSF x Far_LoA	-10,787	-0,059	0,291
CHR1	4769341	CHR1:4769341	SSF x Far_LoA	-8,006	-0,120	0,294
CHR1	477451	CHR1:477451	SSF x Far_LoA	-9,493	0,096	0,304
CHR1	4792781	CHR1:4792781	SSF x Far_LoA	-10,685	-0,083	0,291
CHR1	4792823	CHR1:4792823	SSF x Far_LoA	-7,913	0,007	0,299
CHR1	4805711	CHR1:4805711	SSF x Far_LoA	-9,023	-0,057	0,300
CHR1	4805921	CHR1:4805921	SSF x Far_LoA	-9,597	0,030	0,298
CHR1	4811033	CHR1:4811033	SSF x Far_LoA	-8,493	0,040	0,288
CHR1	4811435	CHR1:4811435	SSF x Far_LoA	-4,757	0,096	0,301
CHR1	4811441	CHR1:4811441	SSF x Far_LoA	-7,373	0,105	0,289
CHR1	4848781	CHR1:4848781	SSF x Far_LoA	-8,532	-0,040	0,313
CHR1	4923398	CHR1:4923398	SSF x Far_LoA	-7,856	0,074	0,286
CHR1	4923516	CHR1:4923516	SSF x Far_LoA	-7,551	-0,047	0,297
CHR1	4941281	CHR1:4941281	SSF x Far_LoA	-10,106	0,017	0,282
CHR1	4949694	CHR1:4949694	SSF x Far_LoA	-11,797	0,009	0,298
CHR1	4949697	CHR1:4949697	SSF x Far_LoA	-10,393	-0,079	0,289
CHR1	4959679	CHR1:4959679	SSF x Far_LoA	-9,218	0,048	0,298
CHR1	4959944	CHR1:4959944	SSF x Far_LoA	-8,122	0,060	0,294
CHR1	4960004	CHR1:4960004	SSF x Far_LoA	-9,354	-0,060	0,289
CHR1	4979711	CHR1:4979711	SSF x Far_LoA	-9,242	0,056	0,296
CHR1	4979721	CHR1:4979721	SSF x Far_LoA	-7,169	-0,119	0,287
CHR1	4979737	CHR1:4979737	SSF x Far_LoA	-9,565	-0,123	0,282
CHR1	499362	CHR1:499362	SSF x Far_LoA	-11,149	-0,054	0,301
CHR1	4999923	CHR1:4999923	SSF x Far_LoA	-11,291	0,010	0,299
CHR1	4999972	CHR1:4999972	SSF x Far_LoA	-11,384	-0,047	0,277
CHR1	5000176	CHR1:5000176	SSF x Far_LoA	-9,238	0,020	0,302
CHR1	5008308	CHR1:5008308	SSF x Far_LoA	-10,231	-0,043	0,288
CHR1	5008380	CHR1:5008380	SSF x Far_LoA	-9,341	0,038	0,287
CHR1	5008429	CHR1:5008429	SSF x Far_LoA	-10,460	0,098	0,279
CHR1	5018764	CHR1:5018764	SSF x Far_LoA	-9,622	0,012	0,293
CHR1	5018785	CHR1:5018785	SSF x Far_LoA	-9,845	-0,067	0,278

CHR1	5018914	CHR1:5018914	SSF x Far_LoA	-11,582	0,096	0,288
CHR1	5019019	CHR1:5019019	SSF x Far_LoA	-8,333	-0,102	0,286
CHR1	5019029	CHR1:5019029	SSF x Far_LoA	-10,032	-0,067	0,285
CHR1	5022383	CHR1:5022383	SSF x Far_LoA	-10,332	0,057	0,278
CHR1	5022430	CHR1:5022430	SSF x Far_LoA	-8,641	0,011	0,301
CHR1	5022431	CHR1:5022431	SSF x Far_LoA	-8,858	0,017	0,292
CHR1	5022495	CHR1:5022495	SSF x Far_LoA	-9,578	0,044	0,289
CHR1	5022521	CHR1:5022521	SSF x Far_LoA	-7,377	0,106	0,282
CHR1	5022532	CHR1:5022532	SSF x Far_LoA	-11,297	0,049	0,295
CHR1	5022541	CHR1:5022541	SSF x Far_LoA	-10,638	0,024	0,308
CHR1	5022728	CHR1:5022728	SSF x Far_LoA	-10,480	-0,028	0,303
CHR1	5030927	CHR1:5030927	SSF x Far_LoA	-6,357	-0,162	0,306
CHR1	5030987	CHR1:5030987	SSF x Far_LoA	-11,717	0,000	0,287
CHR1	5031045	CHR1:5031045	SSF x Far_LoA	-7,555	-0,146	0,288
CHR1	5031147	CHR1:5031147	SSF x Far_LoA	-7,503	-0,088	0,289
CHR1	5031210	CHR1:5031210	SSF x Far_LoA	-10,789	-0,042	0,295
CHR1	5035716	CHR1:5035716	SSF x Far_LoA	-8,795	0,033	0,278
CHR1	5035719	CHR1:5035719	SSF x Far_LoA	-8,957	0,033	0,281
CHR1	5035787	CHR1:5035787	SSF x Far_LoA	-6,721	0,169	0,275
CHR1	5035882	CHR1:5035882	SSF x Far_LoA	-8,296	-0,005	0,290
CHR1	5035903	CHR1:5035903	SSF x Far_LoA	-8,488	0,080	0,276
CHR1	5036080	CHR1:5036080	SSF x Far_LoA	-10,924	-0,030	0,292
CHR1	5036771	CHR1:5036771	SSF x Far_LoA	-11,033	0,015	0,302
CHR1	5068162	CHR1:5068162	SSF x Far_LoA	-9,210	-0,082	0,279
CHR1	5085366	CHR1:5085366	SSF x Far_LoA	-3,383	-0,080	0,287
CHR1	5088177	CHR1:5088177	SSF x Far_LoA	-10,473	-0,019	0,280
CHR1	5088210	CHR1:5088210	SSF x Far_LoA	-7,959	-0,078	0,276
CHR1	5088434	CHR1:5088434	SSF x Far_LoA	-7,804	-0,068	0,305
CHR1	5088452	CHR1:5088452	SSF x Far_LoA	-11,485	-0,058	0,282
CHR1	5088456	CHR1:5088456	SSF x Far_LoA	-8,002	0,095	0,287
CHR1	5088462	CHR1:5088462	SSF x Far_LoA	-7,219	-0,111	0,278
CHR1	5103219	CHR1:5103219	SSF x Far_LoA	-11,206	-0,003	0,292
CHR1	5103476	CHR1:5103476	SSF x Far_LoA	-12,717	-0,055	0,286
CHR1	5103531	CHR1:5103531	SSF x Far_LoA	-8,956	-0,095	0,286
CHR1	5103689	CHR1:5103689	SSF x Far_LoA	-9,540	-0,047	0,293
CHR1	5107795	CHR1:5107795	SSF x Far_LoA	-10,635	0,051	0,287
CHR1	5107810	CHR1:5107810	SSF x Far_LoA	-6,043	0,166	0,279
CHR1	5107867	CHR1:5107867	SSF x Far_LoA	-8,330	-0,071	0,282
CHR1	5130482	CHR1:5130482	SSF x Far_LoA	-11,092	-0,063	0,287
CHR1	5130568	CHR1:5130568	SSF x Far_LoA	-8,554	-0,041	0,292
CHR1	5130741	CHR1:5130741	SSF x Far_LoA	-10,211	-0,021	0,300
CHR1	5134291	CHR1:5134291	SSF x Far_LoA	-11,180	-0,072	0,274
CHR1	5134392	CHR1:5134392	SSF x Far_LoA	-8,910	0,000	0,289
CHR1	5135259	CHR1:5135259	SSF x Far_LoA	-10,255	0,045	0,284
CHR1	5135263	CHR1:5135263	SSF x Far_LoA	-8,022	0,005	0,281
CHR1	5135266	CHR1:5135266	SSF x Far_LoA	-7,159	0,021	0,278
CHR1	5138743	CHR1:5138743	SSF x Far_LoA	-7,702	0,112	0,284
CHR1	5138818	CHR1:5138818	SSF x Far_LoA	-8,661	0,077	0,278
CHR1	5138886	CHR1:5138886	SSF x Far_LoA	-11,211	-0,030	0,276
CHR1	5145240	CHR1:5145240	SSF x Far_LoA	-8,983	0,029	0,289
CHR1	5153430	CHR1:5153430	SSF x Far_LoA	-8,179	-0,037	0,306
CHR1	5153555	CHR1:5153555	SSF x Far_LoA	-11,646	0,024	0,298
CHR1	5153574	CHR1:5153574	SSF x Far_LoA	-10,948	0,027	0,295

CHR1	5191726	CHR1:5191726	SSF x Far_LoA	-7,668	-0,155	0,285
CHR1	5191763	CHR1:5191763	SSF x Far_LoA	-1,086	-0,003	0,306
CHR1	5212699	CHR1:5212699	SSF x Far_LoA	-11,318	0,073	0,292
CHR1	5212840	CHR1:5212840	SSF x Far_LoA	-9,743	0,005	0,305
CHR1	5212971	CHR1:5212971	SSF x Far_LoA	-5,567	-0,177	0,291
CHR1	5224481	CHR1:5224481	SSF x Far_LoA	-10,180	0,043	0,278
CHR1	5224743	CHR1:5224743	SSF x Far_LoA	-9,505	-0,054	0,287
CHR1	5229878	CHR1:5229878	SSF x Far_LoA	-10,956	0,091	0,294
CHR1	5230020	CHR1:5230020	SSF x Far_LoA	-10,122	0,204	0,279
CHR1	5231540	CHR1:5231540	SSF x Far_LoA	-9,809	-0,107	0,285
CHR1	5231603	CHR1:5231603	SSF x Far_LoA	-10,721	-0,061	0,277
CHR1	5231717	CHR1:5231717	SSF x Far_LoA	-8,090	0,008	0,295
CHR1	5237801	CHR1:5237801	SSF x Far_LoA	-8,408	0,146	0,294
CHR1	5243133	CHR1:5243133	SSF x Far_LoA	-10,475	0,042	0,287
CHR1	5243197	CHR1:5243197	SSF x Far_LoA	-10,269	-0,028	0,295
CHR1	5243570	CHR1:5243570	SSF x Far_LoA	-7,813	-0,070	0,281
CHR1	5243617	CHR1:5243617	SSF x Far_LoA	-9,068	-0,120	0,280
CHR1	525795	CHR1:525795	SSF x Far_LoA	-6,851	-0,108	0,283
CHR1	5266514	CHR1:5266514	SSF x Far_LoA	-9,803	0,012	0,298
CHR1	5266557	CHR1:5266557	SSF x Far_LoA	-9,345	0,017	0,289
CHR1	5266605	CHR1:5266605	SSF x Far_LoA	-10,642	-0,061	0,273
CHR1	5266606	CHR1:5266606	SSF x Far_LoA	-9,309	-0,058	0,281
CHR1	5266720	CHR1:5266720	SSF x Far_LoA	-9,666	-0,058	0,297
CHR1	5266789	CHR1:5266789	SSF x Far_LoA	-7,585	-0,082	0,286
CHR1	5266807	CHR1:5266807	SSF x Far_LoA	-8,695	0,109	0,290
CHR1	5272463	CHR1:5272463	SSF x Far_LoA	-7,948	-0,063	0,302
CHR1	5272532	CHR1:5272532	SSF x Far_LoA	-10,483	0,052	0,299
CHR1	5272552	CHR1:5272552	SSF x Far_LoA	-11,646	-0,005	0,279
CHR1	5297780	CHR1:5297780	SSF x Far_LoA	-6,778	-0,119	0,291
CHR1	5298108	CHR1:5298108	SSF x Far_LoA	-8,185	-0,065	0,285
CHR1	5302101	CHR1:5302101	SSF x Far_LoA	-11,180	-0,064	0,289
CHR1	5302128	CHR1:5302128	SSF x Far_LoA	-8,479	0,034	0,286
CHR1	5302340	CHR1:5302340	SSF x Far_LoA	-11,390	0,049	0,291
CHR1	5302365	CHR1:5302365	SSF x Far_LoA	-8,261	-0,163	0,288
CHR1	5304161	CHR1:5304161	SSF x Far_LoA	-6,859	0,136	0,299
CHR1	5304442	CHR1:5304442	SSF x Far_LoA	-5,241	0,145	0,284
CHR1	5311273	CHR1:5311273	SSF x Far_LoA	-11,285	-0,030	0,285
CHR1	5311482	CHR1:5311482	SSF x Far_LoA	-11,031	0,035	0,281
CHR1	5322061	CHR1:5322061	SSF x Far_LoA	-8,103	-0,058	0,294
CHR1	5322299	CHR1:5322299	SSF x Far_LoA	-4,735	-0,179	0,267
CHR1	5323553	CHR1:5323553	SSF x Far_LoA	-11,131	-0,067	0,280
CHR1	5324416	CHR1:5324416	SSF x Far_LoA	-9,611	-0,067	0,293
CHR1	5324632	CHR1:5324632	SSF x Far_LoA	-8,450	-0,039	0,289
CHR1	5324650	CHR1:5324650	SSF x Far_LoA	-8,926	0,002	0,278
CHR1	5329549	CHR1:5329549	SSF x Far_LoA	-8,836	-0,074	0,281
CHR1	5332244	CHR1:5332244	SSF x Far_LoA	-10,955	-0,015	0,290
CHR1	5335596	CHR1:5335596	SSF x Far_LoA	-11,235	-0,062	0,282
CHR1	5336223	CHR1:5336223	SSF x Far_LoA	-10,937	0,037	0,283
CHR1	5349407	CHR1:5349407	SSF x Far_LoA	-8,821	-0,088	0,287
CHR1	5363562	CHR1:5363562	SSF x Far_LoA	-9,905	0,008	0,299
CHR1	5363577	CHR1:5363577	SSF x Far_LoA	-8,288	0,103	0,277
CHR1	5363580	CHR1:5363580	SSF x Far_LoA	-7,987	0,125	0,274
CHR1	5376030	CHR1:5376030	SSF x Far_LoA	-8,440	0,056	0,286

CHR1	5376083	CHR1:5376083	SSF x Far_LoA	-10,232	0,004	0,272
CHR1	5376213	CHR1:5376213	SSF x Far_LoA	-11,181	0,022	0,284
CHR1	5378351	CHR1:5378351	SSF x Far_LoA	-4,714	-0,160	0,296
CHR1	5390413	CHR1:5390413	SSF x Far_LoA	-9,478	-0,090	0,297
CHR1	5410107	CHR1:5410107	SSF x Far_LoA	-10,197	-0,024	0,284
CHR1	5412866	CHR1:5412866	SSF x Far_LoA	-9,285	0,026	0,291
CHR1	5418112	CHR1:5418112	SSF x Far_LoA	-8,957	-0,076	0,290
CHR1	5424977	CHR1:5424977	SSF x Far_LoA	-10,439	-0,003	0,288
CHR1	5433899	CHR1:5433899	SSF x Far_LoA	-10,948	-0,008	0,295
CHR1	5437034	CHR1:5437034	SSF x Far_LoA	-9,646	-0,063	0,282
CHR1	5437050	CHR1:5437050	SSF x Far_LoA	-9,873	-0,022	0,293
CHR1	5437084	CHR1:5437084	SSF x Far_LoA	-10,368	0,149	0,301
CHR1	5437104	CHR1:5437104	SSF x Far_LoA	-9,424	0,022	0,281
CHR1	5437106	CHR1:5437106	SSF x Far_LoA	-12,090	0,034	0,283
CHR1	5441824	CHR1:5441824	SSF x Far_LoA	-9,336	0,019	0,288
CHR1	5441867	CHR1:5441867	SSF x Far_LoA	-11,366	-0,064	0,283
CHR1	5443288	CHR1:5443288	SSF x Far_LoA	-11,597	-0,023	0,297
CHR1	5443399	CHR1:5443399	SSF x Far_LoA	-7,867	-0,026	0,287
CHR1	5443451	CHR1:5443451	SSF x Far_LoA	-9,322	0,078	0,299
CHR1	5448773	CHR1:5448773	SSF x Far_LoA	-9,982	-0,033	0,308
CHR1	5448809	CHR1:5448809	SSF x Far_LoA	-8,257	-0,064	0,283
CHR1	5501940	CHR1:5501940	SSF x Far_LoA	-9,261	0,074	0,293
CHR1	5502154	CHR1:5502154	SSF x Far_LoA	-7,972	-0,107	0,270
CHR1	5510135	CHR1:5510135	SSF x Far_LoA	-7,935	0,099	0,283
CHR1	5550466	CHR1:5550466	SSF x Far_LoA	-5,492	-0,059	0,296
CHR1	5550564	CHR1:5550564	SSF x Far_LoA	-6,362	0,070	0,291
CHR1	5560944	CHR1:5560944	SSF x Far_LoA	-8,335	-0,051	0,294
CHR1	5560987	CHR1:5560987	SSF x Far_LoA	-11,403	-0,003	0,305
CHR1	5561005	CHR1:5561005	SSF x Far_LoA	-10,630	-0,032	0,297
CHR1	5561109	CHR1:5561109	SSF x Far_LoA	-9,629	-0,049	0,296
CHR1	5561138	CHR1:5561138	SSF x Far_LoA	-10,026	-0,018	0,299
CHR1	5568296	CHR1:5568296	SSF x Far_LoA	-11,465	0,019	0,292
CHR1	5568465	CHR1:5568465	SSF x Far_LoA	-2,210	0,038	0,292
CHR1	5579909	CHR1:5579909	SSF x Far_LoA	-9,330	-0,114	0,285
CHR1	5579969	CHR1:5579969	SSF x Far_LoA	-8,271	-0,120	0,301
CHR1	5580005	CHR1:5580005	SSF x Far_LoA	-11,607	-0,014	0,288
CHR1	5584524	CHR1:5584524	SSF x Far_LoA	-5,748	-0,083	0,295
CHR1	5584534	CHR1:5584534	SSF x Far_LoA	-8,696	-0,034	0,288
CHR1	563544	CHR1:563544	SSF x Far_LoA	-11,104	-0,015	0,270
CHR1	5717517	CHR1:5717517	SSF x Far_LoA	1,249	-0,087	0,286
CHR1	5717605	CHR1:5717605	SSF x Far_LoA	-9,359	-0,079	0,286
CHR1	5717674	CHR1:5717674	SSF x Far_LoA	-8,447	0,073	0,292
CHR1	5717706	CHR1:5717706	SSF x Far_LoA	-9,239	0,062	0,294
CHR1	5717709	CHR1:5717709	SSF x Far_LoA	-9,356	0,038	0,295
CHR1	5717725	CHR1:5717725	SSF x Far_LoA	-9,203	0,039	0,299
CHR1	5717733	CHR1:5717733	SSF x Far_LoA	-8,849	-0,101	0,293
CHR1	5726089	CHR1:5726089	SSF x Far_LoA	-6,751	-0,068	0,311
CHR1	5726313	CHR1:5726313	SSF x Far_LoA	-9,807	-0,122	0,281
CHR1	5733428	CHR1:5733428	SSF x Far_LoA	-11,022	0,098	0,296
CHR1	5733494	CHR1:5733494	SSF x Far_LoA	-10,764	0,101	0,311
CHR1	5744636	CHR1:5744636	SSF x Far_LoA	-8,652	0,059	0,294
CHR1	5744714	CHR1:5744714	SSF x Far_LoA	-7,885	0,117	0,280
CHR1	5744845	CHR1:5744845	SSF x Far_LoA	-10,643	-0,040	0,299

CHR1	5747879	CHR1:5747879	SSF x Far_LoA	-11,529	-0,128	0,287
CHR1	5747898	CHR1:5747898	SSF x Far_LoA	-7,043	0,054	0,279
CHR1	5747952	CHR1:5747952	SSF x Far_LoA	-9,684	-0,116	0,301
CHR1	5747975	CHR1:5747975	SSF x Far_LoA	-10,762	-0,059	0,281
CHR1	5748019	CHR1:5748019	SSF x Far_LoA	-9,987	-0,088	0,297
CHR1	5750973	CHR1:5750973	SSF x Far_LoA	-11,027	-0,021	0,274
CHR1	5751173	CHR1:5751173	SSF x Far_LoA	-7,489	0,188	0,264
CHR1	5768339	CHR1:5768339	SSF x Far_LoA	-6,849	-0,079	0,292
CHR1	5768343	CHR1:5768343	SSF x Far_LoA	-9,476	0,055	0,291
CHR1	5768409	CHR1:5768409	SSF x Far_LoA	-9,979	-0,026	0,284
CHR1	5784448	CHR1:5784448	SSF x Far_LoA	-10,972	0,001	0,290
CHR1	5784467	CHR1:5784467	SSF x Far_LoA	-11,275	0,010	0,299
CHR1	5784727	CHR1:5784727	SSF x Far_LoA	-9,199	-0,080	0,276
CHR1	5820096	CHR1:5820096	SSF x Far_LoA	-10,812	0,008	0,294
CHR1	5821389	CHR1:5821389	SSF x Far_LoA	-9,184	0,080	0,284
CHR1	5837993	CHR1:5837993	SSF x Far_LoA	-7,992	-0,070	0,283
CHR1	5916605	CHR1:5916605	SSF x Far_LoA	-8,689	-0,042	0,313
CHR1	5921864	CHR1:5921864	SSF x Far_LoA	-10,727	0,039	0,290
CHR1	594624	CHR1:594624	SSF x Far_LoA	-8,723	-0,046	0,297
CHR1	594636	CHR1:594636	SSF x Far_LoA	-9,621	0,066	0,292
CHR1	594684	CHR1:594684	SSF x Far_LoA	-10,659	-0,009	0,278
CHR1	5954447	CHR1:5954447	SSF x Far_LoA	-9,911	-0,049	0,287
CHR1	5954479	CHR1:5954479	SSF x Far_LoA	-7,812	0,063	0,290
CHR1	5954525	CHR1:5954525	SSF x Far_LoA	-9,866	0,041	0,266
CHR1	5954682	CHR1:5954682	SSF x Far_LoA	-8,838	-0,070	0,288
CHR1	5975473	CHR1:5975473	SSF x Far_LoA	-9,097	0,161	0,279
CHR1	5975477	CHR1:5975477	SSF x Far_LoA	-11,671	0,068	0,274
CHR1	6006122	CHR1:6006122	SSF x Far_LoA	-7,569	-0,002	0,306
CHR1	6006233	CHR1:6006233	SSF x Far_LoA	-10,495	-0,135	0,284
CHR1	6029640	CHR1:6029640	SSF x Far_LoA	-10,552	-0,070	0,292
CHR1	6029643	CHR1:6029643	SSF x Far_LoA	-10,293	0,036	0,285
CHR1	6029790	CHR1:6029790	SSF x Far_LoA	-8,432	0,015	0,307
CHR1	6029902	CHR1:6029902	SSF x Far_LoA	-7,864	-0,161	0,281
CHR1	6030035	CHR1:6030035	SSF x Far_LoA	-11,799	-0,013	0,287
CHR1	6030054	CHR1:6030054	SSF x Far_LoA	-9,892	0,006	0,290
CHR1	6056907	CHR1:6056907	SSF x Far_LoA	-9,411	0,066	0,291
CHR1	6056908	CHR1:6056908	SSF x Far_LoA	-10,074	0,054	0,297
CHR1	6057037	CHR1:6057037	SSF x Far_LoA	-9,998	-0,091	0,285
CHR1	6071577	CHR1:6071577	SSF x Far_LoA	-11,420	-0,008	0,304
CHR1	6071807	CHR1:6071807	SSF x Far_LoA	-9,613	0,117	0,297
CHR1	6071904	CHR1:6071904	SSF x Far_LoA	-11,206	0,030	0,288
CHR1	6075146	CHR1:6075146	SSF x Far_LoA	-10,235	0,040	0,280
CHR1	6075207	CHR1:6075207	SSF x Far_LoA	-7,958	-0,135	0,295
CHR1	6075378	CHR1:6075378	SSF x Far_LoA	-9,814	-0,006	0,305
CHR1	6075458	CHR1:6075458	SSF x Far_LoA	-9,324	-0,027	0,302
CHR1	6079532	CHR1:6079532	SSF x Far_LoA	-9,698	0,027	0,287
CHR1	6081034	CHR1:6081034	SSF x Far_LoA	-9,442	-0,021	0,302
CHR1	6081145	CHR1:6081145	SSF x Far_LoA	-9,640	0,130	0,282
CHR1	6090438	CHR1:6090438	SSF x Far_LoA	-9,549	0,001	0,304
CHR1	6090503	CHR1:6090503	SSF x Far_LoA	-8,495	0,024	0,297
CHR1	6090683	CHR1:6090683	SSF x Far_LoA	-10,143	-0,059	0,280
CHR1	6090719	CHR1:6090719	SSF x Far_LoA	-10,754	-0,057	0,288
CHR1	6090781	CHR1:6090781	SSF x Far_LoA	-9,630	0,055	0,283

CHR1	6090864	CHR1:6090864	SSF x Far_LoA	-6,867	-0,117	0,288
CHR1	6090887	CHR1:6090887	SSF x Far_LoA	-11,264	0,021	0,296
CHR1	6118334	CHR1:6118334	SSF x Far_LoA	-11,609	-0,002	0,303
CHR1	6118639	CHR1:6118639	SSF x Far_LoA	-8,692	0,207	0,286
CHR1	6148021	CHR1:6148021	SSF x Far_LoA	-7,184	-0,114	0,302
CHR1	6148142	CHR1:6148142	SSF x Far_LoA	-4,586	0,066	0,282
CHR1	6148278	CHR1:6148278	SSF x Far_LoA	-10,602	-0,048	0,293
CHR1	6164491	CHR1:6164491	SSF x Far_LoA	-9,291	0,037	0,303
CHR1	6166650	CHR1:6166650	SSF x Far_LoA	-7,913	-0,163	0,289
CHR1	6166652	CHR1:6166652	SSF x Far_LoA	-5,823	0,099	0,259
CHR1	6166711	CHR1:6166711	SSF x Far_LoA	-10,339	0,016	0,300
CHR1	6166721	CHR1:6166721	SSF x Far_LoA	-11,839	0,041	0,304
CHR1	6180319	CHR1:6180319	SSF x Far_LoA	-12,261	0,048	0,283
CHR1	6180608	CHR1:6180608	SSF x Far_LoA	-4,741	0,046	0,293
CHR1	6186647	CHR1:6186647	SSF x Far_LoA	-9,941	-0,059	0,287
CHR1	6186719	CHR1:6186719	SSF x Far_LoA	-11,028	-0,117	0,296
CHR1	6201941	CHR1:6201941	SSF x Far_LoA	-9,172	-0,073	0,293
CHR1	6201957	CHR1:6201957	SSF x Far_LoA	-6,973	-0,107	0,281
CHR1	6201992	CHR1:6201992	SSF x Far_LoA	-8,593	-0,072	0,278
CHR1	6201998	CHR1:6201998	SSF x Far_LoA	-8,648	-0,091	0,274
CHR1	6202131	CHR1:6202131	SSF x Far_LoA	-10,110	0,011	0,288
CHR1	6203532	CHR1:6203532	SSF x Far_LoA	-9,239	0,138	0,280
CHR1	6203620	CHR1:6203620	SSF x Far_LoA	-8,433	0,066	0,289
CHR1	6206904	CHR1:6206904	SSF x Far_LoA	-8,713	0,099	0,277
CHR1	6206972	CHR1:6206972	SSF x Far_LoA	-6,931	-0,187	0,261
CHR1	6216893	CHR1:6216893	SSF x Far_LoA	-11,273	-0,032	0,293
CHR1	6217015	CHR1:6217015	SSF x Far_LoA	-9,284	-0,100	0,298
CHR1	6217225	CHR1:6217225	SSF x Far_LoA	-8,630	0,127	0,293
CHR1	6217257	CHR1:6217257	SSF x Far_LoA	-7,905	0,103	0,287
CHR1	6217265	CHR1:6217265	SSF x Far_LoA	-10,765	0,030	0,283
CHR1	6217321	CHR1:6217321	SSF x Far_LoA	-11,887	0,093	0,269
CHR1	6221737	CHR1:6221737	SSF x Far_LoA	-10,268	-0,115	0,281
CHR1	6221901	CHR1:6221901	SSF x Far_LoA	-8,708	0,067	0,294
CHR1	6221902	CHR1:6221902	SSF x Far_LoA	-5,937	-0,169	0,280
CHR1	6222067	CHR1:6222067	SSF x Far_LoA	-8,946	-0,040	0,271
CHR1	6225124	CHR1:6225124	SSF x Far_LoA	-6,744	-0,034	0,302
CHR1	6225319	CHR1:6225319	SSF x Far_LoA	-10,199	0,076	0,299
CHR1	6225429	CHR1:6225429	SSF x Far_LoA	-10,076	-0,070	0,279
CHR1	6232607	CHR1:6232607	SSF x Far_LoA	-9,888	0,039	0,301
CHR1	6232715	CHR1:6232715	SSF x Far_LoA	-9,357	-0,068	0,296
CHR1	6232761	CHR1:6232761	SSF x Far_LoA	-8,575	-0,081	0,312
CHR1	6232766	CHR1:6232766	SSF x Far_LoA	-9,426	-0,068	0,294
CHR1	6232803	CHR1:6232803	SSF x Far_LoA	-8,851	0,066	0,299
CHR1	6258917	CHR1:6258917	SSF x Far_LoA	-9,582	-0,093	0,302
CHR1	6258970	CHR1:6258970	SSF x Far_LoA	-10,242	0,054	0,309
CHR1	6278952	CHR1:6278952	SSF x Far_LoA	-11,512	-0,032	0,273
CHR1	6279004	CHR1:6279004	SSF x Far_LoA	-10,012	0,154	0,280
CHR1	6293029	CHR1:6293029	SSF x Far_LoA	-9,384	0,073	0,292
CHR1	6293047	CHR1:6293047	SSF x Far_LoA	-9,096	-0,056	0,288
CHR1	6294958	CHR1:6294958	SSF x Far_LoA	-11,919	0,082	0,281
CHR1	6308916	CHR1:6308916	SSF x Far_LoA	-10,865	0,007	0,300
CHR1	6309154	CHR1:6309154	SSF x Far_LoA	-8,613	-0,036	0,301
CHR1	6309263	CHR1:6309263	SSF x Far_LoA	-10,423	-0,096	0,308

CHR1	6309299	CHR1:6309299	SSF x Far_LoA	-6,887	0,060	0,293
CHR1	6309300	CHR1:6309300	SSF x Far_LoA	-8,608	0,057	0,308
CHR1	6309307	CHR1:6309307	SSF x Far_LoA	-7,475	0,199	0,280
CHR1	6309342	CHR1:6309342	SSF x Far_LoA	-8,406	-0,031	0,305
CHR1	6314947	CHR1:6314947	SSF x Far_LoA	-10,711	-0,029	0,291
CHR1	6315069	CHR1:6315069	SSF x Far_LoA	-8,534	0,064	0,302
CHR1	6315148	CHR1:6315148	SSF x Far_LoA	-9,714	0,112	0,273
CHR1	6315304	CHR1:6315304	SSF x Far_LoA	-11,003	-0,063	0,289
CHR1	6315336	CHR1:6315336	SSF x Far_LoA	-5,519	0,235	0,278
CHR1	6315350	CHR1:6315350	SSF x Far_LoA	-7,440	0,087	0,277
CHR1	6315367	CHR1:6315367	SSF x Far_LoA	-10,246	-0,087	0,293
CHR1	6328769	CHR1:6328769	SSF x Far_LoA	-6,492	-0,128	0,278
CHR1	6328967	CHR1:6328967	SSF x Far_LoA	-11,314	0,066	0,293
CHR1	6328984	CHR1:6328984	SSF x Far_LoA	-6,637	0,065	0,306
CHR1	6329063	CHR1:6329063	SSF x Far_LoA	-11,780	0,018	0,286
CHR1	6337203	CHR1:6337203	SSF x Far_LoA	-9,019	0,091	0,277
CHR1	6337315	CHR1:6337315	SSF x Far_LoA	-7,072	0,097	0,292
CHR1	6337331	CHR1:6337331	SSF x Far_LoA	-9,522	0,085	0,282
CHR1	6345215	CHR1:6345215	SSF x Far_LoA	-7,128	0,022	0,284
CHR1	6345262	CHR1:6345262	SSF x Far_LoA	-2,529	-0,167	0,276
CHR1	6345292	CHR1:6345292	SSF x Far_LoA	-9,359	0,045	0,295
CHR1	6345403	CHR1:6345403	SSF x Far_LoA	-9,272	0,049	0,291
CHR1	6345580	CHR1:6345580	SSF x Far_LoA	-6,433	-0,140	0,299
CHR1	6345581	CHR1:6345581	SSF x Far_LoA	-6,784	-0,144	0,284
CHR1	6345600	CHR1:6345600	SSF x Far_LoA	-10,396	0,046	0,296
CHR1	6355971	CHR1:6355971	SSF x Far_LoA	-9,174	0,075	0,313
CHR1	6356068	CHR1:6356068	SSF x Far_LoA	-9,112	0,029	0,285
CHR1	6356105	CHR1:6356105	SSF x Far_LoA	-9,239	-0,077	0,300
CHR1	6356144	CHR1:6356144	SSF x Far_LoA	-5,454	-0,172	0,289
CHR1	6356156	CHR1:6356156	SSF x Far_LoA	-10,456	-0,085	0,271
CHR1	6356161	CHR1:6356161	SSF x Far_LoA	-9,789	0,001	0,290
CHR1	6356176	CHR1:6356176	SSF x Far_LoA	-9,179	0,056	0,280
CHR1	6356246	CHR1:6356246	SSF x Far_LoA	-8,555	0,105	0,295
CHR1	6360933	CHR1:6360933	SSF x Far_LoA	-1,753	0,196	0,270
CHR1	6361044	CHR1:6361044	SSF x Far_LoA	-7,443	0,205	0,264
CHR1	6361050	CHR1:6361050	SSF x Far_LoA	-10,239	-0,077	0,284
CHR1	6361065	CHR1:6361065	SSF x Far_LoA	-10,353	-0,103	0,273
CHR1	6361277	CHR1:6361277	SSF x Far_LoA	-8,700	0,029	0,285
CHR1	6361306	CHR1:6361306	SSF x Far_LoA	-7,572	0,025	0,287
CHR1	6364833	CHR1:6364833	SSF x Far_LoA	-10,296	0,124	0,272
CHR1	6364956	CHR1:6364956	SSF x Far_LoA	-10,106	0,122	0,273
CHR1	6364959	CHR1:6364959	SSF x Far_LoA	-9,671	0,120	0,277
CHR1	6365166	CHR1:6365166	SSF x Far_LoA	-11,763	-0,006	0,279
CHR1	6374533	CHR1:6374533	SSF x Far_LoA	-6,582	-0,102	0,296
CHR1	6374640	CHR1:6374640	SSF x Far_LoA	-9,544	0,024	0,295
CHR1	6378104	CHR1:6378104	SSF x Far_LoA	-8,600	-0,096	0,282
CHR1	6378363	CHR1:6378363	SSF x Far_LoA	-11,692	0,010	0,290
CHR1	6390727	CHR1:6390727	SSF x Far_LoA	-10,273	0,000	0,295
CHR1	6391057	CHR1:6391057	SSF x Far_LoA	-10,411	-0,026	0,294
CHR1	6408714	CHR1:6408714	SSF x Far_LoA	-8,496	-0,173	0,270
CHR1	6409010	CHR1:6409010	SSF x Far_LoA	-9,760	0,031	0,294
CHR1	6424025	CHR1:6424025	SSF x Far_LoA	-7,799	0,036	0,278
CHR1	6424969	CHR1:6424969	SSF x Far_LoA	-9,269	-0,040	0,282

CHR1	6429088	CHR1:6429088	SSF x Far_LoA	-9,028	0,093	0,284
CHR1	6429169	CHR1:6429169	SSF x Far_LoA	-9,253	-0,051	0,283
CHR1	6429307	CHR1:6429307	SSF x Far_LoA	-7,942	-0,062	0,301
CHR1	6429328	CHR1:6429328	SSF x Far_LoA	-6,671	0,064	0,301
CHR1	6429384	CHR1:6429384	SSF x Far_LoA	-9,569	-0,049	0,309
CHR1	6439558	CHR1:6439558	SSF x Far_LoA	-10,715	0,013	0,286
CHR1	6527217	CHR1:6527217	SSF x Far_LoA	-9,750	-0,040	0,294
CHR1	6539022	CHR1:6539022	SSF x Far_LoA	-8,740	0,066	0,305
CHR1	6539042	CHR1:6539042	SSF x Far_LoA	-10,253	0,027	0,299
CHR1	6539058	CHR1:6539058	SSF x Far_LoA	-10,641	0,081	0,283
CHR1	6539168	CHR1:6539168	SSF x Far_LoA	-8,134	0,068	0,289
CHR1	6539177	CHR1:6539177	SSF x Far_LoA	-11,741	0,047	0,287
CHR1	6539198	CHR1:6539198	SSF x Far_LoA	-9,901	0,033	0,291
CHR1	6539208	CHR1:6539208	SSF x Far_LoA	-10,121	0,049	0,276
CHR1	6539224	CHR1:6539224	SSF x Far_LoA	-9,327	0,000	0,294
CHR1	6541129	CHR1:6541129	SSF x Far_LoA	-4,078	-0,076	0,288
CHR1	6555678	CHR1:6555678	SSF x Far_LoA	-7,172	-0,087	0,277
CHR1	6559198	CHR1:6559198	SSF x Far_LoA	-8,316	0,199	0,274
CHR1	6559203	CHR1:6559203	SSF x Far_LoA	-9,264	0,056	0,288
CHR1	6559206	CHR1:6559206	SSF x Far_LoA	-9,699	-0,159	0,289
CHR1	6570402	CHR1:6570402	SSF x Far_LoA	-9,215	-0,038	0,281
CHR1	6570412	CHR1:6570412	SSF x Far_LoA	-4,094	-0,064	0,285
CHR1	6570429	CHR1:6570429	SSF x Far_LoA	-8,146	0,037	0,293
CHR1	6570435	CHR1:6570435	SSF x Far_LoA	-8,028	-0,016	0,300
CHR1	6570480	CHR1:6570480	SSF x Far_LoA	-8,089	0,022	0,306
CHR1	6570482	CHR1:6570482	SSF x Far_LoA	-8,205	0,136	0,302
CHR1	6570486	CHR1:6570486	SSF x Far_LoA	-10,280	0,150	0,295
CHR1	6570509	CHR1:6570509	SSF x Far_LoA	-8,954	-0,005	0,284
CHR1	6570550	CHR1:6570550	SSF x Far_LoA	-10,007	0,163	0,285
CHR1	6570552	CHR1:6570552	SSF x Far_LoA	-7,057	-0,186	0,292
CHR1	6570587	CHR1:6570587	SSF x Far_LoA	-9,579	-0,012	0,291
CHR1	6570617	CHR1:6570617	SSF x Far_LoA	-7,641	-0,075	0,304
CHR1	6570686	CHR1:6570686	SSF x Far_LoA	-9,211	-0,103	0,295
CHR1	6570694	CHR1:6570694	SSF x Far_LoA	-10,692	0,096	0,290
CHR1	6575186	CHR1:6575186	SSF x Far_LoA	-11,590	0,025	0,279
CHR1	6575229	CHR1:6575229	SSF x Far_LoA	-9,438	-0,040	0,308
CHR1	6575231	CHR1:6575231	SSF x Far_LoA	-9,972	-0,058	0,300
CHR1	6575374	CHR1:6575374	SSF x Far_LoA	-10,635	-0,005	0,294
CHR1	6575409	CHR1:6575409	SSF x Far_LoA	-9,363	-0,061	0,291
CHR1	6575504	CHR1:6575504	SSF x Far_LoA	-9,621	0,028	0,284
CHR1	6583457	CHR1:6583457	SSF x Far_LoA	-11,797	0,049	0,288
CHR1	6583720	CHR1:6583720	SSF x Far_LoA	-10,819	0,023	0,294
CHR1	6583746	CHR1:6583746	SSF x Far_LoA	-5,711	-0,190	0,285
CHR1	6589499	CHR1:6589499	SSF x Far_LoA	-10,687	0,041	0,294
CHR1	6589659	CHR1:6589659	SSF x Far_LoA	-8,979	0,014	0,275
CHR1	6590838	CHR1:6590838	SSF x Far_LoA	-11,655	0,076	0,283
CHR1	6590908	CHR1:6590908	SSF x Far_LoA	-11,601	0,024	0,281
CHR1	6601625	CHR1:6601625	SSF x Far_LoA	-9,868	0,056	0,292
CHR1	6601639	CHR1:6601639	SSF x Far_LoA	-10,148	0,035	0,280
CHR1	6601685	CHR1:6601685	SSF x Far_LoA	-7,048	0,037	0,313
CHR1	6601694	CHR1:6601694	SSF x Far_LoA	-7,969	0,082	0,305
CHR1	6601702	CHR1:6601702	SSF x Far_LoA	-8,647	-0,051	0,282
CHR1	6601706	CHR1:6601706	SSF x Far_LoA	-7,808	0,091	0,283

CHR1	6601716	CHR1:6601716	SSF x Far_LoA	-11,170	0,025	0,285
CHR1	6601727	CHR1:6601727	SSF x Far_LoA	-8,552	0,091	0,290
CHR1	6601741	CHR1:6601741	SSF x Far_LoA	-9,451	-0,064	0,287
CHR1	6601749	CHR1:6601749	SSF x Far_LoA	-9,785	0,075	0,306
CHR1	6601757	CHR1:6601757	SSF x Far_LoA	-8,323	-0,003	0,292
CHR1	6601778	CHR1:6601778	SSF x Far_LoA	-8,789	0,078	0,287
CHR1	6601813	CHR1:6601813	SSF x Far_LoA	-4,850	0,043	0,305
CHR1	6601849	CHR1:6601849	SSF x Far_LoA	-7,438	-0,099	0,294
CHR1	6601882	CHR1:6601882	SSF x Far_LoA	-8,196	0,005	0,299
CHR1	6612844	CHR1:6612844	SSF x Far_LoA	-10,363	-0,008	0,273
CHR1	6612863	CHR1:6612863	SSF x Far_LoA	-9,817	-0,069	0,292
CHR1	6612987	CHR1:6612987	SSF x Far_LoA	-9,838	-0,087	0,292
CHR1	6613096	CHR1:6613096	SSF x Far_LoA	-10,587	0,090	0,279
CHR1	6623791	CHR1:6623791	SSF x Far_LoA	-9,879	-0,066	0,300
CHR1	6699869	CHR1:6699869	SSF x Far_LoA	-7,617	0,145	0,285
CHR1	6699980	CHR1:6699980	SSF x Far_LoA	-7,961	-0,062	0,301
CHR1	6739833	CHR1:6739833	SSF x Far_LoA	-7,198	0,171	0,291
CHR1	6739852	CHR1:6739852	SSF x Far_LoA	-8,239	-0,031	0,318
CHR1	6739936	CHR1:6739936	SSF x Far_LoA	-11,152	-0,003	0,294
CHR1	6758418	CHR1:6758418	SSF x Far_LoA	-8,907	0,015	0,289
CHR1	6758439	CHR1:6758439	SSF x Far_LoA	-9,910	-0,008	0,297
CHR1	6758566	CHR1:6758566	SSF x Far_LoA	-8,591	-0,046	0,300
CHR1	6758594	CHR1:6758594	SSF x Far_LoA	-9,696	-0,070	0,303
CHR1	6758609	CHR1:6758609	SSF x Far_LoA	-4,973	-0,127	0,297
CHR1	6765818	CHR1:6765818	SSF x Far_LoA	-9,722	-0,031	0,308
CHR1	6765828	CHR1:6765828	SSF x Far_LoA	-11,671	0,064	0,279
CHR1	6777177	CHR1:6777177	SSF x Far_LoA	-7,362	0,011	0,301
CHR1	6777183	CHR1:6777183	SSF x Far_LoA	-10,324	-0,076	0,280
CHR1	6777248	CHR1:6777248	SSF x Far_LoA	-12,338	0,018	0,285
CHR1	6790341	CHR1:6790341	SSF x Far_LoA	-9,553	-0,050	0,297
CHR1	6791728	CHR1:6791728	SSF x Far_LoA	-7,192	0,093	0,288
CHR1	6813620	CHR1:6813620	SSF x Far_LoA	-5,198	0,217	0,274
CHR1	6813804	CHR1:6813804	SSF x Far_LoA	-8,795	-0,030	0,294
CHR1	6823521	CHR1:6823521	SSF x Far_LoA	-10,063	-0,104	0,292
CHR1	6823644	CHR1:6823644	SSF x Far_LoA	-12,252	0,022	0,272
CHR1	6827047	CHR1:6827047	SSF x Far_LoA	-9,602	-0,027	0,298
CHR1	6827057	CHR1:6827057	SSF x Far_LoA	-6,570	0,154	0,279
CHR1	6840508	CHR1:6840508	SSF x Far_LoA	-5,103	-0,090	0,288
CHR1	6840510	CHR1:6840510	SSF x Far_LoA	-7,144	-0,079	0,311
CHR1	6840543	CHR1:6840543	SSF x Far_LoA	-9,826	-0,022	0,283
CHR1	6840562	CHR1:6840562	SSF x Far_LoA	-10,149	-0,040	0,276
CHR1	6840707	CHR1:6840707	SSF x Far_LoA	-9,214	-0,004	0,288
CHR1	6840711	CHR1:6840711	SSF x Far_LoA	-8,488	0,012	0,300
CHR1	6840750	CHR1:6840750	SSF x Far_LoA	-11,180	0,126	0,285
CHR1	6840903	CHR1:6840903	SSF x Far_LoA	-11,361	-0,119	0,272
CHR1	6852657	CHR1:6852657	SSF x Far_LoA	-8,652	0,176	0,277
CHR1	6852732	CHR1:6852732	SSF x Far_LoA	-10,266	-0,084	0,272
CHR1	6854801	CHR1:6854801	SSF x Far_LoA	-9,932	-0,032	0,296
CHR1	6854816	CHR1:6854816	SSF x Far_LoA	-8,480	-0,078	0,295
CHR1	6854849	CHR1:6854849	SSF x Far_LoA	-8,696	-0,037	0,290
CHR1	6854872	CHR1:6854872	SSF x Far_LoA	-4,531	0,033	0,297
CHR1	6854897	CHR1:6854897	SSF x Far_LoA	-9,588	0,030	0,298
CHR1	6854900	CHR1:6854900	SSF x Far_LoA	-8,024	0,040	0,304

CHR1	6854941	CHR1:6854941	SSF x Far_LoA	-4,533	0,115	0,275
CHR1	6854974	CHR1:6854974	SSF x Far_LoA	-8,083	0,056	0,284
CHR1	6886598	CHR1:6886598	SSF x Far_LoA	-6,214	0,071	0,280
CHR1	6886637	CHR1:6886637	SSF x Far_LoA	-7,667	-0,165	0,298
CHR1	6886837	CHR1:6886837	SSF x Far_LoA	-10,761	-0,020	0,285
CHR1	6888713	CHR1:6888713	SSF x Far_LoA	-11,528	-0,037	0,292
CHR1	6892547	CHR1:6892547	SSF x Far_LoA	-10,668	-0,005	0,290
CHR1	6892636	CHR1:6892636	SSF x Far_LoA	-9,263	-0,013	0,293
CHR1	6892644	CHR1:6892644	SSF x Far_LoA	-9,776	-0,017	0,280
CHR1	6892805	CHR1:6892805	SSF x Far_LoA	-9,214	-0,015	0,297
CHR1	6892807	CHR1:6892807	SSF x Far_LoA	-9,568	-0,014	0,293
CHR1	6895530	CHR1:6895530	SSF x Far_LoA	-11,551	-0,105	0,302
CHR1	6895594	CHR1:6895594	SSF x Far_LoA	-7,876	-0,112	0,288
CHR1	6896873	CHR1:6896873	SSF x Far_LoA	-11,460	0,066	0,290
CHR1	6976755	CHR1:6976755	SSF x Far_LoA	-8,588	0,009	0,299
CHR1	6976809	CHR1:6976809	SSF x Far_LoA	-10,525	-0,130	0,281
CHR1	6976827	CHR1:6976827	SSF x Far_LoA	-8,480	0,100	0,289
CHR1	6976834	CHR1:6976834	SSF x Far_LoA	-9,541	0,124	0,273
CHR1	6976846	CHR1:6976846	SSF x Far_LoA	-8,017	0,015	0,292
CHR1	6976883	CHR1:6976883	SSF x Far_LoA	-9,428	0,052	0,299
CHR1	6976928	CHR1:6976928	SSF x Far_LoA	-10,714	-0,054	0,271
CHR1	6976933	CHR1:6976933	SSF x Far_LoA	-4,450	0,097	0,271
CHR1	6976934	CHR1:6976934	SSF x Far_LoA	-8,367	0,107	0,285
CHR1	6976936	CHR1:6976936	SSF x Far_LoA	-8,539	0,075	0,282
CHR1	6976951	CHR1:6976951	SSF x Far_LoA	-8,416	0,235	0,280
CHR1	6976966	CHR1:6976966	SSF x Far_LoA	-9,285	-0,001	0,301
CHR1	6976971	CHR1:6976971	SSF x Far_LoA	-8,936	-0,031	0,295
CHR1	6977015	CHR1:6977015	SSF x Far_LoA	-11,116	0,007	0,281
CHR1	6977058	CHR1:6977058	SSF x Far_LoA	-9,974	-0,041	0,290
CHR1	6977070	CHR1:6977070	SSF x Far_LoA	-7,427	0,137	0,282
CHR1	6977099	CHR1:6977099	SSF x Far_LoA	-9,932	-0,096	0,292
CHR1	6977125	CHR1:6977125	SSF x Far_LoA	-9,593	0,021	0,296
CHR1	6987650	CHR1:6987650	SSF x Far_LoA	-10,979	0,088	0,292
CHR1	6987678	CHR1:6987678	SSF x Far_LoA	-10,683	0,002	0,280
CHR1	7000662	CHR1:7000662	SSF x Far_LoA	-6,041	-0,123	0,288
CHR1	7000679	CHR1:7000679	SSF x Far_LoA	-7,438	0,095	0,291
CHR1	7000685	CHR1:7000685	SSF x Far_LoA	-9,837	-0,129	0,279
CHR1	7000718	CHR1:7000718	SSF x Far_LoA	-6,867	0,137	0,293
CHR1	7000749	CHR1:7000749	SSF x Far_LoA	-9,426	0,027	0,287
CHR1	7000789	CHR1:7000789	SSF x Far_LoA	-10,041	-0,003	0,278
CHR1	7002705	CHR1:7002705	SSF x Far_LoA	-6,010	0,171	0,284
CHR1	7002726	CHR1:7002726	SSF x Far_LoA	-8,161	0,069	0,300
CHR1	7006607	CHR1:7006607	SSF x Far_LoA	-7,028	0,177	0,284
CHR1	7006658	CHR1:7006658	SSF x Far_LoA	-6,489	0,129	0,292
CHR1	7006676	CHR1:7006676	SSF x Far_LoA	-10,967	0,049	0,288
CHR1	7006703	CHR1:7006703	SSF x Far_LoA	-10,070	0,049	0,296
CHR1	7014926	CHR1:7014926	SSF x Far_LoA	-6,812	0,031	0,292
CHR1	7015036	CHR1:7015036	SSF x Far_LoA	-8,926	0,045	0,302
CHR1	7015056	CHR1:7015056	SSF x Far_LoA	-8,835	-0,029	0,295
CHR1	7015058	CHR1:7015058	SSF x Far_LoA	-8,488	-0,124	0,292
CHR1	7015080	CHR1:7015080	SSF x Far_LoA	-9,135	-0,137	0,284
CHR1	7015138	CHR1:7015138	SSF x Far_LoA	-1,949	-0,211	0,311
CHR1	7015166	CHR1:7015166	SSF x Far_LoA	-6,166	0,123	0,283

CHR1	7015167	CHR1:7015167	SSF x Far_LoA	-8,395	0,079	0,282
CHR1	7015183	CHR1:7015183	SSF x Far_LoA	-7,921	0,063	0,289
CHR1	7015185	CHR1:7015185	SSF x Far_LoA	-9,633	-0,053	0,301
CHR1	7015203	CHR1:7015203	SSF x Far_LoA	-9,333	-0,035	0,285
CHR1	7015204	CHR1:7015204	SSF x Far_LoA	-6,253	0,183	0,288
CHR1	7022229	CHR1:7022229	SSF x Far_LoA	-11,337	0,087	0,286
CHR1	7023055	CHR1:7023055	SSF x Far_LoA	-8,505	-0,046	0,296
CHR1	7023084	CHR1:7023084	SSF x Far_LoA	-10,753	0,082	0,294
CHR1	7041041	CHR1:7041041	SSF x Far_LoA	-12,631	-0,056	0,277
CHR1	7041152	CHR1:7041152	SSF x Far_LoA	-10,898	-0,020	0,289
CHR1	7048297	CHR1:7048297	SSF x Far_LoA	-6,332	-0,151	0,284
CHR1	7048332	CHR1:7048332	SSF x Far_LoA	-9,654	0,164	0,277
CHR1	7048370	CHR1:7048370	SSF x Far_LoA	-4,852	0,247	0,283
CHR1	7048382	CHR1:7048382	SSF x Far_LoA	-3,527	0,231	0,282
CHR1	7048422	CHR1:7048422	SSF x Far_LoA	-9,126	-0,159	0,290
CHR1	7063775	CHR1:7063775	SSF x Far_LoA	-10,569	0,064	0,288
CHR1	7063810	CHR1:7063810	SSF x Far_LoA	-8,246	0,094	0,281
CHR1	7064014	CHR1:7064014	SSF x Far_LoA	-8,496	0,028	0,308
CHR1	7089171	CHR1:7089171	SSF x Far_LoA	-9,706	-0,012	0,292
CHR1	7089209	CHR1:7089209	SSF x Far_LoA	-9,637	0,068	0,279
CHR1	7089400	CHR1:7089400	SSF x Far_LoA	-9,686	-0,062	0,290
CHR1	7089401	CHR1:7089401	SSF x Far_LoA	-8,685	-0,043	0,307
CHR1	7106285	CHR1:7106285	SSF x Far_LoA	-7,538	-0,090	0,279
CHR1	7106301	CHR1:7106301	SSF x Far_LoA	-7,709	0,035	0,294
CHR1	7106315	CHR1:7106315	SSF x Far_LoA	-8,453	-0,061	0,300
CHR1	7106333	CHR1:7106333	SSF x Far_LoA	-8,655	0,045	0,303
CHR1	7106353	CHR1:7106353	SSF x Far_LoA	-9,314	-0,062	0,288
CHR1	7106354	CHR1:7106354	SSF x Far_LoA	-9,502	-0,064	0,294
CHR1	7114390	CHR1:7114390	SSF x Far_LoA	-8,412	-0,102	0,279
CHR1	7114414	CHR1:7114414	SSF x Far_LoA	-8,694	-0,096	0,284
CHR1	7143734	CHR1:7143734	SSF x Far_LoA	-7,579	-0,038	0,290
CHR1	7143928	CHR1:7143928	SSF x Far_LoA	-9,721	-0,012	0,288
CHR1	7143935	CHR1:7143935	SSF x Far_LoA	-8,637	0,055	0,282
CHR1	7143942	CHR1:7143942	SSF x Far_LoA	-10,002	-0,032	0,283
CHR1	7143956	CHR1:7143956	SSF x Far_LoA	-8,909	-0,027	0,295
CHR1	7151147	CHR1:7151147	SSF x Far_LoA	-7,424	-0,100	0,293
CHR1	7151280	CHR1:7151280	SSF x Far_LoA	-11,685	-0,020	0,284
CHR1	7151360	CHR1:7151360	SSF x Far_LoA	-8,314	0,056	0,297
CHR1	7154616	CHR1:7154616	SSF x Far_LoA	-9,827	0,027	0,295
CHR1	7154663	CHR1:7154663	SSF x Far_LoA	-9,534	0,017	0,301
CHR1	7154780	CHR1:7154780	SSF x Far_LoA	-5,351	0,136	0,304
CHR1	7154794	CHR1:7154794	SSF x Far_LoA	-8,212	0,090	0,297
CHR1	7154799	CHR1:7154799	SSF x Far_LoA	-10,386	0,073	0,297
CHR1	7154831	CHR1:7154831	SSF x Far_LoA	-7,668	0,095	0,282
CHR1	7154887	CHR1:7154887	SSF x Far_LoA	-7,277	-0,095	0,276
CHR1	7154892	CHR1:7154892	SSF x Far_LoA	-4,723	0,146	0,289
CHR1	7159949	CHR1:7159949	SSF x Far_LoA	-3,827	0,092	0,283
CHR1	7159952	CHR1:7159952	SSF x Far_LoA	-10,713	-0,054	0,287
CHR1	7160045	CHR1:7160045	SSF x Far_LoA	-11,454	-0,017	0,281
CHR1	7166719	CHR1:7166719	SSF x Far_LoA	-8,128	0,086	0,271
CHR1	7166935	CHR1:7166935	SSF x Far_LoA	-8,636	-0,126	0,293
CHR1	7198022	CHR1:7198022	SSF x Far_LoA	-11,354	-0,052	0,295
CHR1	7198035	CHR1:7198035	SSF x Far_LoA	-6,343	0,075	0,292

CHR1	7198046	CHR1:7198046	SSF x Far_LoA	-11,227	-0,053	0,287
CHR1	7198058	CHR1:7198058	SSF x Far_LoA	-9,082	-0,108	0,269
CHR1	7198182	CHR1:7198182	SSF x Far_LoA	-6,196	-0,101	0,276
CHR1	7203320	CHR1:7203320	SSF x Far_LoA	-8,931	-0,164	0,273
CHR1	7203334	CHR1:7203334	SSF x Far_LoA	-7,693	0,128	0,284
CHR1	7203368	CHR1:7203368	SSF x Far_LoA	-8,313	0,071	0,283
CHR1	7231793	CHR1:7231793	SSF x Far_LoA	-8,571	0,038	0,289
CHR1	7231808	CHR1:7231808	SSF x Far_LoA	-8,066	0,071	0,279
CHR1	7231970	CHR1:7231970	SSF x Far_LoA	-10,167	0,046	0,278
CHR1	7232068	CHR1:7232068	SSF x Far_LoA	-9,623	0,017	0,285
CHR1	7232150	CHR1:7232150	SSF x Far_LoA	-9,361	0,042	0,285
CHR1	7232189	CHR1:7232189	SSF x Far_LoA	-9,459	-0,013	0,296
CHR1	7232257	CHR1:7232257	SSF x Far_LoA	-9,691	0,087	0,283
CHR1	7245590	CHR1:7245590	SSF x Far_LoA	-8,511	0,061	0,288
CHR1	7245591	CHR1:7245591	SSF x Far_LoA	-10,418	0,077	0,308
CHR1	7245604	CHR1:7245604	SSF x Far_LoA	-10,726	-0,013	0,267
CHR1	7275035	CHR1:7275035	SSF x Far_LoA	-10,358	-0,046	0,280
CHR1	7275043	CHR1:7275043	SSF x Far_LoA	-9,285	-0,066	0,280
CHR1	7275100	CHR1:7275100	SSF x Far_LoA	-9,246	0,019	0,286
CHR1	7275209	CHR1:7275209	SSF x Far_LoA	-8,252	-0,102	0,297
CHR1	7275262	CHR1:7275262	SSF x Far_LoA	-9,426	0,010	0,280
CHR1	7275385	CHR1:7275385	SSF x Far_LoA	-11,270	-0,050	0,298
CHR1	7275400	CHR1:7275400	SSF x Far_LoA	-8,831	-0,022	0,292
CHR1	7275419	CHR1:7275419	SSF x Far_LoA	-9,430	0,077	0,292
CHR1	7296028	CHR1:7296028	SSF x Far_LoA	-12,592	-0,044	0,278
CHR1	7305838	CHR1:7305838	SSF x Far_LoA	-9,164	-0,042	0,288
CHR1	7305915	CHR1:7305915	SSF x Far_LoA	-9,042	0,029	0,278
CHR1	7307482	CHR1:7307482	SSF x Far_LoA	-9,950	0,129	0,276
CHR1	7307646	CHR1:7307646	SSF x Far_LoA	-11,359	-0,085	0,269
CHR1	7315795	CHR1:7315795	SSF x Far_LoA	-6,556	-0,172	0,284
CHR1	7315820	CHR1:7315820	SSF x Far_LoA	-9,219	-0,019	0,298
CHR1	7315876	CHR1:7315876	SSF x Far_LoA	-8,130	-0,033	0,297
CHR1	7315943	CHR1:7315943	SSF x Far_LoA	-9,255	0,033	0,297
CHR1	7315951	CHR1:7315951	SSF x Far_LoA	-9,265	0,089	0,283
CHR1	7315957	CHR1:7315957	SSF x Far_LoA	-10,530	0,073	0,275
CHR1	7316026	CHR1:7316026	SSF x Far_LoA	-9,175	0,026	0,271
CHR1	7317750	CHR1:7317750	SSF x Far_LoA	-6,906	-0,106	0,286
CHR1	7317796	CHR1:7317796	SSF x Far_LoA	-7,277	-0,086	0,290
CHR1	7317798	CHR1:7317798	SSF x Far_LoA	-7,898	-0,161	0,286
CHR1	7318106	CHR1:7318106	SSF x Far_LoA	-10,733	-0,068	0,311
CHR1	7318187	CHR1:7318187	SSF x Far_LoA	-11,446	-0,028	0,288
CHR1	7329375	CHR1:7329375	SSF x Far_LoA	-10,384	0,007	0,285
CHR1	7329379	CHR1:7329379	SSF x Far_LoA	-11,084	0,042	0,288
CHR1	7351968	CHR1:7351968	SSF x Far_LoA	-8,221	0,036	0,285
CHR1	7430916	CHR1:7430916	SSF x Far_LoA	-11,279	-0,073	0,284
CHR1	7503977	CHR1:7503977	SSF x Far_LoA	-8,168	0,001	0,298
CHR1	7511874	CHR1:7511874	SSF x Far_LoA	-9,165	0,014	0,291
CHR1	7511876	CHR1:7511876	SSF x Far_LoA	-9,664	0,001	0,289
CHR1	7511889	CHR1:7511889	SSF x Far_LoA	-7,887	0,040	0,291
CHR1	7512000	CHR1:7512000	SSF x Far_LoA	-9,931	-0,017	0,312
CHR1	7512130	CHR1:7512130	SSF x Far_LoA	-7,490	-0,136	0,288
CHR1	7514402	CHR1:7514402	SSF x Far_LoA	-10,190	-0,035	0,293
CHR1	7514458	CHR1:7514458	SSF x Far_LoA	-10,427	-0,143	0,276

CHR1	7514486	CHR1:7514486	SSF x Far_LoA	-10,464	-0,117	0,284
CHR1	7536017	CHR1:7536017	SSF x Far_LoA	-9,307	0,031	0,292
CHR1	7536176	CHR1:7536176	SSF x Far_LoA	-10,824	-0,021	0,290
CHR1	7536218	CHR1:7536218	SSF x Far_LoA	-11,813	-0,043	0,277
CHR1	7536268	CHR1:7536268	SSF x Far_LoA	-8,702	0,046	0,290
CHR1	7538455	CHR1:7538455	SSF x Far_LoA	-8,360	0,048	0,298
CHR1	7538701	CHR1:7538701	SSF x Far_LoA	-10,443	0,058	0,288
CHR1	7593849	CHR1:7593849	SSF x Far_LoA	-10,011	-0,051	0,282
CHR1	7593936	CHR1:7593936	SSF x Far_LoA	-10,833	0,076	0,280
CHR1	7595039	CHR1:7595039	SSF x Far_LoA	-10,572	0,096	0,293
CHR1	7595072	CHR1:7595072	SSF x Far_LoA	-10,302	0,144	0,283
CHR1	7595146	CHR1:7595146	SSF x Far_LoA	-9,659	-0,047	0,291
CHR1	7606251	CHR1:7606251	SSF x Far_LoA	-10,446	-0,106	0,305
CHR1	7606346	CHR1:7606346	SSF x Far_LoA	-8,993	0,107	0,296
CHR1	7622305	CHR1:7622305	SSF x Far_LoA	-8,257	-0,040	0,293
CHR1	7624566	CHR1:7624566	SSF x Far_LoA	-6,690	-0,151	0,288
CHR1	7624671	CHR1:7624671	SSF x Far_LoA	-10,975	-0,024	0,287
CHR1	7624746	CHR1:7624746	SSF x Far_LoA	-8,101	-0,107	0,280
CHR1	7630422	CHR1:7630422	SSF x Far_LoA	-11,588	0,143	0,277
CHR1	7662183	CHR1:7662183	SSF x Far_LoA	-11,824	0,013	0,293
CHR1	7662187	CHR1:7662187	SSF x Far_LoA	-11,539	-0,015	0,295
CHR1	7662207	CHR1:7662207	SSF x Far_LoA	-9,912	-0,040	0,305
CHR1	7662208	CHR1:7662208	SSF x Far_LoA	-9,135	-0,116	0,290
CHR1	7662219	CHR1:7662219	SSF x Far_LoA	-8,527	-0,164	0,284
CHR1	7662222	CHR1:7662222	SSF x Far_LoA	-10,586	-0,036	0,297
CHR1	7662225	CHR1:7662225	SSF x Far_LoA	-10,193	-0,053	0,290
CHR1	7662231	CHR1:7662231	SSF x Far_LoA	-8,547	0,098	0,296
CHR1	7677986	CHR1:7677986	SSF x Far_LoA	-9,365	0,091	0,271
CHR1	7678017	CHR1:7678017	SSF x Far_LoA	-10,032	0,023	0,308
CHR1	7678086	CHR1:7678086	SSF x Far_LoA	-5,573	0,011	0,291
CHR1	7678188	CHR1:7678188	SSF x Far_LoA	-11,169	0,064	0,288
CHR1	7678213	CHR1:7678213	SSF x Far_LoA	-8,000	-0,049	0,287
CHR1	7678244	CHR1:7678244	SSF x Far_LoA	-9,048	-0,084	0,275
CHR1	7693695	CHR1:7693695	SSF x Far_LoA	-9,037	0,003	0,294
CHR1	7705440	CHR1:7705440	SSF x Far_LoA	-8,426	0,028	0,294
CHR1	7705468	CHR1:7705468	SSF x Far_LoA	-9,906	0,092	0,281
CHR1	7710381	CHR1:7710381	SSF x Far_LoA	-11,752	-0,013	0,282
CHR1	7710474	CHR1:7710474	SSF x Far_LoA	-10,755	-0,011	0,290
CHR1	7711176	CHR1:7711176	SSF x Far_LoA	-9,021	0,077	0,300
CHR1	7711177	CHR1:7711177	SSF x Far_LoA	-7,950	0,090	0,288
CHR1	7711184	CHR1:7711184	SSF x Far_LoA	-8,211	0,073	0,298
CHR1	7711212	CHR1:7711212	SSF x Far_LoA	-10,661	-0,041	0,287
CHR1	7718749	CHR1:7718749	SSF x Far_LoA	-8,393	0,026	0,290
CHR1	7718792	CHR1:7718792	SSF x Far_LoA	-9,859	0,066	0,299
CHR1	7722237	CHR1:7722237	SSF x Far_LoA	-8,073	-0,063	0,292
CHR1	7722258	CHR1:7722258	SSF x Far_LoA	-6,952	-0,075	0,288
CHR1	7722278	CHR1:7722278	SSF x Far_LoA	-8,769	-0,041	0,279
CHR1	7722419	CHR1:7722419	SSF x Far_LoA	-7,745	0,037	0,304
CHR1	7760699	CHR1:7760699	SSF x Far_LoA	-9,195	-0,014	0,298
CHR1	7760758	CHR1:7760758	SSF x Far_LoA	-7,388	-0,023	0,298
CHR1	7760851	CHR1:7760851	SSF x Far_LoA	-8,401	-0,030	0,299
CHR1	7760853	CHR1:7760853	SSF x Far_LoA	-11,800	-0,021	0,292
CHR1	7769768	CHR1:7769768	SSF x Far_LoA	-11,111	0,055	0,290

CHR1	7769789	CHR1:7769789	SSF x Far_LoA	-9,554	0,069	0,284
CHR1	7770884	CHR1:7770884	SSF x Far_LoA	-8,916	0,030	0,300
CHR1	7770888	CHR1:7770888	SSF x Far_LoA	-9,973	0,030	0,282
CHR1	7770889	CHR1:7770889	SSF x Far_LoA	-11,528	0,005	0,276
CHR1	7770930	CHR1:7770930	SSF x Far_LoA	8,654	-0,044	0,287
CHR1	7774411	CHR1:7774411	SSF x Far_LoA	-7,591	-0,014	0,281
CHR1	7774424	CHR1:7774424	SSF x Far_LoA	-9,380	-0,006	0,281
CHR1	7774459	CHR1:7774459	SSF x Far_LoA	-7,858	0,011	0,291
CHR1	7774504	CHR1:7774504	SSF x Far_LoA	-9,459	-0,054	0,287
CHR1	7776906	CHR1:7776906	SSF x Far_LoA	-8,699	-0,124	0,297
CHR1	7805518	CHR1:7805518	SSF x Far_LoA	-9,534	-0,026	0,307
CHR1	7805589	CHR1:7805589	SSF x Far_LoA	-12,091	-0,039	0,288
CHR1	7805675	CHR1:7805675	SSF x Far_LoA	-8,762	0,082	0,296
CHR1	7805706	CHR1:7805706	SSF x Far_LoA	-9,013	-0,041	0,297
CHR1	7805741	CHR1:7805741	SSF x Far_LoA	-10,244	-0,012	0,290
CHR1	7810125	CHR1:7810125	SSF x Far_LoA	-9,837	0,068	0,299
CHR1	7831239	CHR1:7831239	SSF x Far_LoA	-11,355	-0,019	0,302
CHR1	7833770	CHR1:7833770	SSF x Far_LoA	-9,747	-0,015	0,285
CHR1	7833784	CHR1:7833784	SSF x Far_LoA	-6,140	-0,069	0,289
CHR1	7833792	CHR1:7833792	SSF x Far_LoA	-9,081	0,003	0,282
CHR1	7836888	CHR1:7836888	SSF x Far_LoA	-10,263	-0,013	0,288
CHR1	7849255	CHR1:7849255	SSF x Far_LoA	-8,974	-0,123	0,287
CHR1	7854487	CHR1:7854487	SSF x Far_LoA	-6,945	0,020	0,295
CHR1	7869507	CHR1:7869507	SSF x Far_LoA	-6,636	0,088	0,290
CHR1	7869587	CHR1:7869587	SSF x Far_LoA	-5,701	-0,127	0,295
CHR1	7869596	CHR1:7869596	SSF x Far_LoA	-8,752	0,018	0,297
CHR1	7881752	CHR1:7881752	SSF x Far_LoA	-10,200	-0,030	0,284
CHR1	7881781	CHR1:7881781	SSF x Far_LoA	-9,606	0,128	0,277
CHR1	7894785	CHR1:7894785	SSF x Far_LoA	-10,411	-0,022	0,300
CHR1	7894838	CHR1:7894838	SSF x Far_LoA	-10,289	0,002	0,279
CHR1	7894934	CHR1:7894934	SSF x Far_LoA	-10,096	-0,007	0,295
CHR1	7904169	CHR1:7904169	SSF x Far_LoA	-7,373	-0,004	0,273
CHR1	7922532	CHR1:7922532	SSF x Far_LoA	-10,718	0,071	0,282
CHR1	7922658	CHR1:7922658	SSF x Far_LoA	-7,779	0,096	0,277
CHR1	7929472	CHR1:7929472	SSF x Far_LoA	-7,491	0,145	0,283
CHR1	7929582	CHR1:7929582	SSF x Far_LoA	-6,833	0,102	0,297
CHR1	7929669	CHR1:7929669	SSF x Far_LoA	-9,517	-0,025	0,308
CHR1	7942770	CHR1:7942770	SSF x Far_LoA	-9,996	-0,019	0,287
CHR1	7942824	CHR1:7942824	SSF x Far_LoA	-8,399	-0,168	0,291
CHR1	7943854	CHR1:7943854	SSF x Far_LoA	-7,781	0,130	0,266
CHR1	7943874	CHR1:7943874	SSF x Far_LoA	-9,581	0,078	0,288
CHR1	7959365	CHR1:7959365	SSF x Far_LoA	-4,111	0,191	0,294
CHR1	7959378	CHR1:7959378	SSF x Far_LoA	-10,177	-0,030	0,286
CHR1	7967797	CHR1:7967797	SSF x Far_LoA	-6,163	-0,097	0,293
CHR1	7970012	CHR1:7970012	SSF x Far_LoA	-6,943	0,032	0,291
CHR1	7970134	CHR1:7970134	SSF x Far_LoA	-5,846	-0,012	0,289
CHR1	7988119	CHR1:7988119	SSF x Far_LoA	-7,908	0,054	0,292
CHR1	7988139	CHR1:7988139	SSF x Far_LoA	-8,621	-0,010	0,291
CHR1	7988158	CHR1:7988158	SSF x Far_LoA	-8,365	0,051	0,288
CHR1	7988185	CHR1:7988185	SSF x Far_LoA	-9,158	0,049	0,277
CHR1	7990808	CHR1:7990808	SSF x Far_LoA	-8,392	0,085	0,307
CHR1	7996539	CHR1:7996539	SSF x Far_LoA	-9,906	0,057	0,287
CHR1	7996544	CHR1:7996544	SSF x Far_LoA	-9,912	0,061	0,285

CHR1	7996640	CHR1:7996640	SSF x Far_LoA	-10,116	0,063	0,284
CHR1	7999809	CHR1:7999809	SSF x Far_LoA	-9,210	0,021	0,292
CHR1	7999867	CHR1:7999867	SSF x Far_LoA	-9,328	-0,008	0,294
CHR1	7999919	CHR1:7999919	SSF x Far_LoA	-10,208	-0,020	0,283
CHR1	7999992	CHR1:7999992	SSF x Far_LoA	-10,507	-0,053	0,294
CHR1	8007983	CHR1:8007983	SSF x Far_LoA	-9,029	0,092	0,289
CHR1	8008259	CHR1:8008259	SSF x Far_LoA	-10,384	-0,067	0,290
CHR1	8008262	CHR1:8008262	SSF x Far_LoA	-9,885	-0,156	0,284
CHR1	8008302	CHR1:8008302	SSF x Far_LoA	-8,173	-0,151	0,281
CHR1	8008322	CHR1:8008322	SSF x Far_LoA	-7,790	-0,125	0,297
CHR1	8008343	CHR1:8008343	SSF x Far_LoA	-7,692	0,003	0,304
CHR1	8012253	CHR1:8012253	SSF x Far_LoA	-8,536	0,024	0,306
CHR1	8012261	CHR1:8012261	SSF x Far_LoA	-8,904	0,002	0,291
CHR1	8012287	CHR1:8012287	SSF x Far_LoA	-9,843	0,075	0,293
CHR1	8012300	CHR1:8012300	SSF x Far_LoA	-8,579	0,086	0,282
CHR1	8012319	CHR1:8012319	SSF x Far_LoA	-10,882	-0,070	0,285
CHR1	8012395	CHR1:8012395	SSF x Far_LoA	-5,019	0,150	0,293
CHR1	8012420	CHR1:8012420	SSF x Far_LoA	-6,812	-0,137	0,282
CHR1	8016362	CHR1:8016362	SSF x Far_LoA	-11,813	0,006	0,288
CHR1	8025746	CHR1:8025746	SSF x Far_LoA	-6,683	-0,134	0,290
CHR1	8025763	CHR1:8025763	SSF x Far_LoA	-8,526	-0,064	0,281
CHR1	8025832	CHR1:8025832	SSF x Far_LoA	-10,299	-0,034	0,300
CHR1	8025842	CHR1:8025842	SSF x Far_LoA	-10,324	-0,018	0,298
CHR1	8025985	CHR1:8025985	SSF x Far_LoA	-10,878	-0,108	0,293
CHR1	8050469	CHR1:8050469	SSF x Far_LoA	-12,060	0,068	0,290
CHR1	8054050	CHR1:8054050	SSF x Far_LoA	-6,009	0,028	0,289
CHR1	8054214	CHR1:8054214	SSF x Far_LoA	-11,604	0,008	0,298
CHR1	8066414	CHR1:8066414	SSF x Far_LoA	-9,232	0,016	0,273
CHR1	8066429	CHR1:8066429	SSF x Far_LoA	-5,356	0,092	0,298
CHR1	8066551	CHR1:8066551	SSF x Far_LoA	-9,618	-0,044	0,271
CHR1	8066609	CHR1:8066609	SSF x Far_LoA	-8,067	-0,025	0,288
CHR1	8066622	CHR1:8066622	SSF x Far_LoA	-8,190	0,044	0,292
CHR1	8066638	CHR1:8066638	SSF x Far_LoA	-7,894	-0,025	0,286
CHR1	8066710	CHR1:8066710	SSF x Far_LoA	-0,974	0,002	0,307
CHR1	8073890	CHR1:8073890	SSF x Far_LoA	-9,099	0,056	0,293
CHR1	8087949	CHR1:8087949	SSF x Far_LoA	-8,599	-0,099	0,291
CHR1	8127148	CHR1:8127148	SSF x Far_LoA	-10,523	0,067	0,290
CHR1	8127152	CHR1:8127152	SSF x Far_LoA	-5,174	-0,072	0,282
CHR1	8127367	CHR1:8127367	SSF x Far_LoA	-3,862	0,072	0,292
CHR1	8127385	CHR1:8127385	SSF x Far_LoA	-7,296	0,111	0,284
CHR1	8127469	CHR1:8127469	SSF x Far_LoA	-9,166	-0,134	0,270
CHR1	8127473	CHR1:8127473	SSF x Far_LoA	-8,585	-0,049	0,285
CHR1	8127529	CHR1:8127529	SSF x Far_LoA	-8,078	0,003	0,286
CHR1	8163303	CHR1:8163303	SSF x Far_LoA	-7,546	-0,073	0,290
CHR1	8163397	CHR1:8163397	SSF x Far_LoA	-8,662	-0,053	0,277
CHR1	8163398	CHR1:8163398	SSF x Far_LoA	-11,315	-0,011	0,285
CHR1	8163410	CHR1:8163410	SSF x Far_LoA	-10,807	-0,007	0,282
CHR1	8163417	CHR1:8163417	SSF x Far_LoA	-8,435	-0,004	0,293
CHR1	8163499	CHR1:8163499	SSF x Far_LoA	-9,516	0,013	0,296
CHR1	8166756	CHR1:8166756	SSF x Far_LoA	-11,890	0,016	0,291
CHR1	8167705	CHR1:8167705	SSF x Far_LoA	-11,617	0,048	0,284
CHR1	8167820	CHR1:8167820	SSF x Far_LoA	-6,993	-0,120	0,280
CHR1	8167852	CHR1:8167852	SSF x Far_LoA	-9,030	-0,110	0,297

CHR1	8184814	CHR1:8184814	SSF x Far_LoA	-10,588	-0,089	0,297
CHR1	8207417	CHR1:8207417	SSF x Far_LoA	-9,179	-0,057	0,272
CHR1	8207419	CHR1:8207419	SSF x Far_LoA	-9,343	0,055	0,293
CHR1	8207423	CHR1:8207423	SSF x Far_LoA	-11,033	-0,009	0,277
CHR1	8207464	CHR1:8207464	SSF x Far_LoA	-10,728	0,019	0,294
CHR1	8207513	CHR1:8207513	SSF x Far_LoA	-8,316	0,023	0,283
CHR1	8210948	CHR1:8210948	SSF x Far_LoA	-8,139	-0,067	0,301
CHR1	8211002	CHR1:8211002	SSF x Far_LoA	-8,030	-0,043	0,303
CHR1	8211045	CHR1:8211045	SSF x Far_LoA	-7,201	-0,019	0,294
CHR1	8211085	CHR1:8211085	SSF x Far_LoA	-9,216	0,198	0,271
CHR1	8211117	CHR1:8211117	SSF x Far_LoA	-3,293	0,185	0,293
CHR1	8211128	CHR1:8211128	SSF x Far_LoA	-1,747	0,210	0,267
CHR1	8211132	CHR1:8211132	SSF x Far_LoA	-5,914	0,190	0,290
CHR1	8233684	CHR1:8233684	SSF x Far_LoA	-8,876	0,110	0,282
CHR1	8233695	CHR1:8233695	SSF x Far_LoA	-10,245	-0,034	0,287
CHR1	8233745	CHR1:8233745	SSF x Far_LoA	-10,408	-0,072	0,292
CHR1	8233777	CHR1:8233777	SSF x Far_LoA	-10,070	-0,014	0,292
CHR1	8233859	CHR1:8233859	SSF x Far_LoA	-9,131	0,120	0,281
CHR1	8241861	CHR1:8241861	SSF x Far_LoA	-7,332	0,105	0,294
CHR1	8248710	CHR1:8248710	SSF x Far_LoA	-11,668	-0,030	0,293
CHR1	8274278	CHR1:8274278	SSF x Far_LoA	-9,780	0,042	0,304
CHR1	8278013	CHR1:8278013	SSF x Far_LoA	-8,899	-0,130	0,282
CHR1	8278074	CHR1:8278074	SSF x Far_LoA	-8,375	0,089	0,298
CHR1	8278186	CHR1:8278186	SSF x Far_LoA	-9,982	-0,118	0,295
CHR1	8283803	CHR1:8283803	SSF x Far_LoA	-9,331	0,127	0,299
CHR1	8283987	CHR1:8283987	SSF x Far_LoA	-8,062	-0,058	0,291
CHR1	8295792	CHR1:8295792	SSF x Far_LoA	-8,742	-0,165	0,294
CHR1	8306189	CHR1:8306189	SSF x Far_LoA	-5,739	0,027	0,300
CHR1	8306262	CHR1:8306262	SSF x Far_LoA	-7,452	-0,160	0,272
CHR1	8306296	CHR1:8306296	SSF x Far_LoA	-11,783	0,024	0,276
CHR1	8307280	CHR1:8307280	SSF x Far_LoA	-6,618	-0,111	0,286
CHR1	8317000	CHR1:8317000	SSF x Far_LoA	-8,950	0,096	0,291
CHR1	8317093	CHR1:8317093	SSF x Far_LoA	-10,331	-0,062	0,274
CHR1	8317114	CHR1:8317114	SSF x Far_LoA	-10,091	0,005	0,308
CHR1	8330039	CHR1:8330039	SSF x Far_LoA	-7,329	0,140	0,274
CHR1	8330041	CHR1:8330041	SSF x Far_LoA	-7,408	0,129	0,271
CHR1	8330076	CHR1:8330076	SSF x Far_LoA	-4,794	0,074	0,288
CHR1	8330150	CHR1:8330150	SSF x Far_LoA	-9,912	-0,043	0,287
CHR1	8332575	CHR1:8332575	SSF x Far_LoA	-7,643	0,111	0,303
CHR1	8332722	CHR1:8332722	SSF x Far_LoA	-8,317	0,118	0,296
CHR1	8343971	CHR1:8343971	SSF x Far_LoA	-8,442	0,080	0,294
CHR1	8343984	CHR1:8343984	SSF x Far_LoA	-10,896	-0,058	0,295
CHR1	8344032	CHR1:8344032	SSF x Far_LoA	-8,333	0,089	0,287
CHR1	8344036	CHR1:8344036	SSF x Far_LoA	-7,899	0,030	0,298
CHR1	8344049	CHR1:8344049	SSF x Far_LoA	-9,840	0,003	0,281
CHR1	8344068	CHR1:8344068	SSF x Far_LoA	-6,745	0,091	0,277
CHR1	8344136	CHR1:8344136	SSF x Far_LoA	-7,155	-0,043	0,301
CHR1	8344140	CHR1:8344140	SSF x Far_LoA	-7,268	-0,023	0,301
CHR1	8344169	CHR1:8344169	SSF x Far_LoA	-7,539	-0,029	0,302
CHR1	8344188	CHR1:8344188	SSF x Far_LoA	-7,179	-0,054	0,296
CHR1	8344192	CHR1:8344192	SSF x Far_LoA	-9,318	-0,033	0,286
CHR1	8346820	CHR1:8346820	SSF x Far_LoA	-9,140	0,064	0,284
CHR1	8347720	CHR1:8347720	SSF x Far_LoA	-9,847	-0,043	0,290

CHR1	8355930	CHR1:8355930	SSF x Far_LoA	-10,625	-0,017	0,288
CHR1	8356015	CHR1:8356015	SSF x Far_LoA	-11,255	-0,046	0,294
CHR1	8356053	CHR1:8356053	SSF x Far_LoA	-7,922	-0,092	0,286
CHR1	8356124	CHR1:8356124	SSF x Far_LoA	-9,795	0,024	0,306
CHR1	8356166	CHR1:8356166	SSF x Far_LoA	-10,102	0,003	0,288
CHR1	8389354	CHR1:8389354	SSF x Far_LoA	-6,878	0,085	0,299
CHR1	8389389	CHR1:8389389	SSF x Far_LoA	-2,366	-0,210	0,266
CHR1	8389410	CHR1:8389410	SSF x Far_LoA	-4,737	-0,182	0,256
CHR1	8389411	CHR1:8389411	SSF x Far_LoA	-4,918	-0,201	0,272
CHR1	8389424	CHR1:8389424	SSF x Far_LoA	-3,290	-0,185	0,267
CHR1	8394102	CHR1:8394102	SSF x Far_LoA	-9,655	-0,051	0,282
CHR1	8394132	CHR1:8394132	SSF x Far_LoA	-7,848	-0,117	0,301
CHR1	8394154	CHR1:8394154	SSF x Far_LoA	-7,098	-0,113	0,279
CHR1	8401881	CHR1:8401881	SSF x Far_LoA	-8,345	0,010	0,299
CHR1	8402090	CHR1:8402090	SSF x Far_LoA	-8,909	-0,044	0,297
CHR1	8402199	CHR1:8402199	SSF x Far_LoA	-7,853	-0,003	0,292
CHR1	8402215	CHR1:8402215	SSF x Far_LoA	-4,066	-0,116	0,277
CHR1	8402310	CHR1:8402310	SSF x Far_LoA	-10,642	-0,108	0,292
CHR1	8402343	CHR1:8402343	SSF x Far_LoA	-7,908	-0,068	0,294
CHR1	8452328	CHR1:8452328	SSF x Far_LoA	-8,708	-0,141	0,280
CHR1	8452477	CHR1:8452477	SSF x Far_LoA	-8,231	0,179	0,282
CHR1	8464870	CHR1:8464870	SSF x Far_LoA	-9,443	-0,171	0,287
CHR1	8464919	CHR1:8464919	SSF x Far_LoA	-11,302	0,024	0,300
CHR1	8469664	CHR1:8469664	SSF x Far_LoA	-9,016	-0,086	0,272
CHR1	8469793	CHR1:8469793	SSF x Far_LoA	-8,646	-0,142	0,282
CHR1	8482403	CHR1:8482403	SSF x Far_LoA	-10,145	0,022	0,295
CHR1	8494098	CHR1:8494098	SSF x Far_LoA	-8,476	0,052	0,302
CHR1	8494102	CHR1:8494102	SSF x Far_LoA	-10,590	-0,027	0,273
CHR1	8494105	CHR1:8494105	SSF x Far_LoA	-7,886	-0,048	0,299
CHR1	8494114	CHR1:8494114	SSF x Far_LoA	-9,513	-0,092	0,296
CHR1	8494156	CHR1:8494156	SSF x Far_LoA	-6,011	-0,109	0,295
CHR1	8494181	CHR1:8494181	SSF x Far_LoA	-11,420	-0,007	0,300
CHR1	8494214	CHR1:8494214	SSF x Far_LoA	-9,253	-0,031	0,297
CHR1	8494249	CHR1:8494249	SSF x Far_LoA	-10,022	-0,068	0,293
CHR1	8494254	CHR1:8494254	SSF x Far_LoA	-6,502	-0,136	0,285
CHR1	850226	CHR1:850226	SSF x Far_LoA	-9,168	-0,054	0,292
CHR1	8502294	CHR1:8502294	SSF x Far_LoA	-7,399	0,132	0,284
CHR1	8502313	CHR1:8502313	SSF x Far_LoA	-10,145	-0,051	0,307
CHR1	8503281	CHR1:8503281	SSF x Far_LoA	-11,126	0,074	0,281
CHR1	8503315	CHR1:8503315	SSF x Far_LoA	-11,466	-0,035	0,288
CHR1	8508142	CHR1:8508142	SSF x Far_LoA	-8,491	-0,022	0,278
CHR1	8508180	CHR1:8508180	SSF x Far_LoA	-9,993	-0,006	0,300
CHR1	8511612	CHR1:8511612	SSF x Far_LoA	-11,464	-0,004	0,292
CHR1	8511652	CHR1:8511652	SSF x Far_LoA	-9,209	0,050	0,297
CHR1	8511660	CHR1:8511660	SSF x Far_LoA	-11,158	0,008	0,276
CHR1	8511671	CHR1:8511671	SSF x Far_LoA	-5,868	0,042	0,302
CHR1	8511673	CHR1:8511673	SSF x Far_LoA	-8,744	-0,056	0,293
CHR1	8514828	CHR1:8514828	SSF x Far_LoA	-5,141	0,037	0,296
CHR1	8514983	CHR1:8514983	SSF x Far_LoA	-12,082	0,061	0,281
CHR1	8514990	CHR1:8514990	SSF x Far_LoA	-9,748	-0,074	0,290
CHR1	8515082	CHR1:8515082	SSF x Far_LoA	-8,578	-0,023	0,290
CHR1	8553729	CHR1:8553729	SSF x Far_LoA	-9,630	-0,043	0,297
CHR1	8555218	CHR1:8555218	SSF x Far_LoA	-9,300	-0,007	0,292

CHR1	8555285	CHR1:8555285	SSF x Far_LoA	-9,240	-0,025	0,289
CHR1	8555320	CHR1:8555320	SSF x Far_LoA	-8,874	-0,041	0,305
CHR1	8561022	CHR1:8561022	SSF x Far_LoA	-7,466	0,117	0,286
CHR1	8561156	CHR1:8561156	SSF x Far_LoA	-10,747	0,073	0,294
CHR1	8561186	CHR1:8561186	SSF x Far_LoA	-10,766	0,025	0,304
CHR1	8561208	CHR1:8561208	SSF x Far_LoA	-8,962	0,052	0,291
CHR1	8561212	CHR1:8561212	SSF x Far_LoA	-8,921	0,003	0,287
CHR1	8561236	CHR1:8561236	SSF x Far_LoA	-9,753	0,092	0,284
CHR1	8561242	CHR1:8561242	SSF x Far_LoA	-8,312	-0,038	0,303
CHR1	8573905	CHR1:8573905	SSF x Far_LoA	-10,236	-0,091	0,284
CHR1	8574110	CHR1:8574110	SSF x Far_LoA	-9,454	0,068	0,271
CHR1	8577799	CHR1:8577799	SSF x Far_LoA	-11,686	0,001	0,296
CHR1	8584672	CHR1:8584672	SSF x Far_LoA	-7,914	0,082	0,286
CHR1	8584731	CHR1:8584731	SSF x Far_LoA	1,478	0,105	0,282
CHR1	8584829	CHR1:8584829	SSF x Far_LoA	-10,796	0,092	0,300
CHR1	8626222	CHR1:8626222	SSF x Far_LoA	-8,531	-0,007	0,274
CHR1	8626309	CHR1:8626309	SSF x Far_LoA	-9,509	-0,031	0,291
CHR1	8626327	CHR1:8626327	SSF x Far_LoA	-11,873	-0,008	0,288
CHR1	8626378	CHR1:8626378	SSF x Far_LoA	-9,681	-0,001	0,292
CHR1	8626382	CHR1:8626382	SSF x Far_LoA	-6,626	0,074	0,307
CHR1	8626439	CHR1:8626439	SSF x Far_LoA	-6,372	-0,105	0,275
CHR1	8627354	CHR1:8627354	SSF x Far_LoA	-8,724	-0,040	0,287
CHR1	8627420	CHR1:8627420	SSF x Far_LoA	-5,418	0,025	0,300
CHR1	8628599	CHR1:8628599	SSF x Far_LoA	-8,870	-0,060	0,302
CHR1	8628600	CHR1:8628600	SSF x Far_LoA	-10,604	0,023	0,296
CHR1	8651419	CHR1:8651419	SSF x Far_LoA	-7,670	-0,191	0,282
CHR1	8651437	CHR1:8651437	SSF x Far_LoA	-8,121	-0,162	0,282
CHR1	8651477	CHR1:8651477	SSF x Far_LoA	-10,537	0,010	0,284
CHR1	8651525	CHR1:8651525	SSF x Far_LoA	-8,291	0,211	0,287
CHR1	8661445	CHR1:8661445	SSF x Far_LoA	-8,594	0,067	0,295
CHR1	8661501	CHR1:8661501	SSF x Far_LoA	-9,778	0,047	0,303
CHR1	8661505	CHR1:8661505	SSF x Far_LoA	-10,017	0,040	0,303
CHR1	8661513	CHR1:8661513	SSF x Far_LoA	-6,559	0,033	0,306
CHR1	8661532	CHR1:8661532	SSF x Far_LoA	-9,990	0,080	0,302
CHR1	8661575	CHR1:8661575	SSF x Far_LoA	-8,483	0,038	0,295
CHR1	8661582	CHR1:8661582	SSF x Far_LoA	-9,538	0,036	0,283
CHR1	8712858	CHR1:8712858	SSF x Far_LoA	-8,130	-0,070	0,283
CHR1	8712869	CHR1:8712869	SSF x Far_LoA	-8,062	-0,097	0,272
CHR1	8712877	CHR1:8712877	SSF x Far_LoA	-10,818	-0,081	0,297
CHR1	8712971	CHR1:8712971	SSF x Far_LoA	-7,519	-0,181	0,275
CHR1	8712984	CHR1:8712984	SSF x Far_LoA	0,553	-0,136	0,278
CHR1	8713006	CHR1:8713006	SSF x Far_LoA	-7,581	0,071	0,296
CHR1	872152	CHR1:872152	SSF x Far_LoA	-10,735	0,009	0,296
CHR1	872159	CHR1:872159	SSF x Far_LoA	-11,271	0,030	0,286
CHR1	8741103	CHR1:8741103	SSF x Far_LoA	-9,318	0,039	0,309
CHR1	8751909	CHR1:8751909	SSF x Far_LoA	-6,540	0,094	0,268
CHR1	8751947	CHR1:8751947	SSF x Far_LoA	-10,822	-0,045	0,277
CHR1	8759194	CHR1:8759194	SSF x Far_LoA	-8,958	-0,093	0,278
CHR1	8759226	CHR1:8759226	SSF x Far_LoA	-11,621	0,088	0,292
CHR1	8759289	CHR1:8759289	SSF x Far_LoA	-9,083	-0,121	0,284
CHR1	8759308	CHR1:8759308	SSF x Far_LoA	-5,836	-0,115	0,293
CHR1	8759984	CHR1:8759984	SSF x Far_LoA	-10,088	0,097	0,294
CHR1	8765380	CHR1:8765380	SSF x Far_LoA	-7,899	-0,059	0,281

CHR1	8778196	CHR1:8778196	SSF x Far_LoA	-8,447	0,140	0,292
CHR1	8778209	CHR1:8778209	SSF x Far_LoA	-10,160	0,103	0,290
CHR1	8791460	CHR1:8791460	SSF x Far_LoA	-5,674	-0,057	0,300
CHR1	8791476	CHR1:8791476	SSF x Far_LoA	-6,909	-0,086	0,296
CHR1	8791479	CHR1:8791479	SSF x Far_LoA	-8,260	-0,111	0,291
CHR1	8791480	CHR1:8791480	SSF x Far_LoA	-9,369	-0,012	0,294
CHR1	8791501	CHR1:8791501	SSF x Far_LoA	-9,726	0,183	0,267
CHR1	8791629	CHR1:8791629	SSF x Far_LoA	-8,735	-0,102	0,290
CHR1	8823579	CHR1:8823579	SSF x Far_LoA	-6,299	0,027	0,309
CHR1	8825230	CHR1:8825230	SSF x Far_LoA	-9,818	0,043	0,294
CHR1	883420	CHR1:883420	SSF x Far_LoA	-7,758	0,102	0,294
CHR1	8845374	CHR1:8845374	SSF x Far_LoA	-9,507	-0,057	0,307
CHR1	8845375	CHR1:8845375	SSF x Far_LoA	-6,136	-0,077	0,285
CHR1	8845524	CHR1:8845524	SSF x Far_LoA	-5,981	-0,045	0,304
CHR1	8845525	CHR1:8845525	SSF x Far_LoA	-7,405	-0,085	0,284
CHR1	8857160	CHR1:8857160	SSF x Far_LoA	-8,388	0,058	0,297
CHR1	8857209	CHR1:8857209	SSF x Far_LoA	-10,134	-0,034	0,291
CHR1	8859877	CHR1:8859877	SSF x Far_LoA	-9,347	0,012	0,292
CHR1	8859882	CHR1:8859882	SSF x Far_LoA	-10,331	-0,093	0,279
CHR1	8859888	CHR1:8859888	SSF x Far_LoA	-2,270	-0,113	0,281
CHR1	8859902	CHR1:8859902	SSF x Far_LoA	-9,226	0,112	0,281
CHR1	8859906	CHR1:8859906	SSF x Far_LoA	-9,350	-0,084	0,299
CHR1	8859931	CHR1:8859931	SSF x Far_LoA	-9,421	-0,096	0,288
CHR1	8859956	CHR1:8859956	SSF x Far_LoA	-3,853	-0,050	0,321
CHR1	8859972	CHR1:8859972	SSF x Far_LoA	-9,434	0,132	0,285
CHR1	8860037	CHR1:8860037	SSF x Far_LoA	-11,578	0,053	0,290
CHR1	8860114	CHR1:8860114	SSF x Far_LoA	-8,904	-0,135	0,286
CHR1	8869008	CHR1:8869008	SSF x Far_LoA	-9,503	0,019	0,284
CHR1	8886535	CHR1:8886535	SSF x Far_LoA	-8,791	0,063	0,277
CHR1	8893759	CHR1:8893759	SSF x Far_LoA	-9,032	0,036	0,280
CHR1	8893853	CHR1:8893853	SSF x Far_LoA	-10,777	0,068	0,292
CHR1	8899305	CHR1:8899305	SSF x Far_LoA	-7,140	-0,150	0,294
CHR1	8899332	CHR1:8899332	SSF x Far_LoA	-7,742	-0,138	0,293
CHR1	8899386	CHR1:8899386	SSF x Far_LoA	-8,301	0,126	0,285
CHR1	8899410	CHR1:8899410	SSF x Far_LoA	-10,554	-0,039	0,288
CHR1	8899414	CHR1:8899414	SSF x Far_LoA	-10,268	-0,085	0,286
CHR1	8899480	CHR1:8899480	SSF x Far_LoA	-9,265	-0,013	0,302
CHR1	8899509	CHR1:8899509	SSF x Far_LoA	-7,853	-0,064	0,311
CHR1	8899524	CHR1:8899524	SSF x Far_LoA	-8,619	-0,114	0,293
CHR1	8899544	CHR1:8899544	SSF x Far_LoA	-12,000	0,030	0,286
CHR1	8899557	CHR1:8899557	SSF x Far_LoA	-8,983	0,121	0,298
CHR1	8925792	CHR1:8925792	SSF x Far_LoA	-9,768	0,069	0,304
CHR1	8926007	CHR1:8926007	SSF x Far_LoA	-8,955	0,084	0,286
CHR1	8926014	CHR1:8926014	SSF x Far_LoA	-10,030	-0,021	0,299
CHR1	895501	CHR1:895501	SSF x Far_LoA	-10,746	0,060	0,311
CHR1	895528	CHR1:895528	SSF x Far_LoA	-11,003	0,010	0,281
CHR1	895536	CHR1:895536	SSF x Far_LoA	-9,226	0,001	0,275
CHR1	895592	CHR1:895592	SSF x Far_LoA	-8,443	-0,069	0,300
CHR1	895645	CHR1:895645	SSF x Far_LoA	-10,586	0,121	0,288
CHR1	895683	CHR1:895683	SSF x Far_LoA	-8,549	0,108	0,280
CHR1	895684	CHR1:895684	SSF x Far_LoA	-8,628	0,101	0,280
CHR1	8964125	CHR1:8964125	SSF x Far_LoA	-3,161	-0,202	0,289
CHR1	8979937	CHR1:8979937	SSF x Far_LoA	-8,327	-0,132	0,300

CHR1	8979938	CHR1:8979938	SSF x Far_LoA	-7,727	-0,101	0,289
CHR1	8984920	CHR1:8984920	SSF x Far_LoA	-5,613	-0,034	0,293
CHR1	8985039	CHR1:8985039	SSF x Far_LoA	-5,727	-0,122	0,288
CHR1	8985136	CHR1:8985136	SSF x Far_LoA	-6,844	-0,128	0,288
CHR1	8989809	CHR1:8989809	SSF x Far_LoA	-6,079	0,183	0,279
CHR1	8990837	CHR1:8990837	SSF x Far_LoA	-8,530	-0,055	0,287
CHR1	9013205	CHR1:9013205	SSF x Far_LoA	0,172	-0,105	0,290
CHR1	9013219	CHR1:9013219	SSF x Far_LoA	-7,534	-0,027	0,313
CHR1	9013292	CHR1:9013292	SSF x Far_LoA	-9,668	0,131	0,278
CHR1	9013510	CHR1:9013510	SSF x Far_LoA	-11,547	-0,033	0,302
CHR1	9013534	CHR1:9013534	SSF x Far_LoA	-8,877	0,079	0,297
CHR1	9052172	CHR1:9052172	SSF x Far_LoA	-8,136	-0,024	0,299
CHR1	9052196	CHR1:9052196	SSF x Far_LoA	-8,665	0,078	0,291
CHR1	9052295	CHR1:9052295	SSF x Far_LoA	-10,569	-0,032	0,288
CHR1	9078538	CHR1:9078538	SSF x Far_LoA	-7,616	0,114	0,292
CHR1	9080955	CHR1:9080955	SSF x Far_LoA	-8,728	-0,053	0,292
CHR1	9080991	CHR1:9080991	SSF x Far_LoA	-7,916	0,087	0,296
CHR1	9080999	CHR1:9080999	SSF x Far_LoA	-7,574	0,176	0,299
CHR1	9081133	CHR1:9081133	SSF x Far_LoA	-11,089	0,026	0,301
CHR1	9086501	CHR1:9086501	SSF x Far_LoA	-8,944	-0,101	0,292
CHR1	9086686	CHR1:9086686	SSF x Far_LoA	-4,807	0,020	0,297
CHR1	9092655	CHR1:9092655	SSF x Far_LoA	-11,607	-0,032	0,287
CHR1	9092781	CHR1:9092781	SSF x Far_LoA	-8,874	-0,077	0,292
CHR1	9103644	CHR1:9103644	SSF x Far_LoA	-7,826	0,003	0,282
CHR1	9103698	CHR1:9103698	SSF x Far_LoA	-9,679	0,015	0,306
CHR1	9103709	CHR1:9103709	SSF x Far_LoA	-10,058	-0,002	0,289
CHR1	9103711	CHR1:9103711	SSF x Far_LoA	-8,696	0,001	0,292
CHR1	9103718	CHR1:9103718	SSF x Far_LoA	-9,225	0,036	0,296
CHR1	9103815	CHR1:9103815	SSF x Far_LoA	-9,527	-0,039	0,277
CHR1	9108024	CHR1:9108024	SSF x Far_LoA	-10,064	-0,104	0,288
CHR1	9108062	CHR1:9108062	SSF x Far_LoA	-11,249	-0,015	0,292
CHR1	9109647	CHR1:9109647	SSF x Far_LoA	-7,269	-0,102	0,278
CHR1	9109674	CHR1:9109674	SSF x Far_LoA	-10,587	0,101	0,299
CHR1	9117816	CHR1:9117816	SSF x Far_LoA	-5,443	0,107	0,295
CHR1	9117844	CHR1:9117844	SSF x Far_LoA	-8,750	0,109	0,293
CHR1	9117849	CHR1:9117849	SSF x Far_LoA	-9,083	0,067	0,296
CHR1	9117930	CHR1:9117930	SSF x Far_LoA	-8,893	-0,070	0,274
CHR1	9117940	CHR1:9117940	SSF x Far_LoA	-7,134	-0,113	0,269
CHR1	9117950	CHR1:9117950	SSF x Far_LoA	-9,561	-0,072	0,273
CHR1	9122923	CHR1:9122923	SSF x Far_LoA	-4,740	0,113	0,287
CHR1	9122954	CHR1:9122954	SSF x Far_LoA	-9,674	-0,095	0,282
CHR1	9122965	CHR1:9122965	SSF x Far_LoA	-0,375	0,103	0,287
CHR1	9133358	CHR1:9133358	SSF x Far_LoA	-10,749	-0,063	0,276
CHR1	9133362	CHR1:9133362	SSF x Far_LoA	-7,659	-0,033	0,295
CHR1	9133377	CHR1:9133377	SSF x Far_LoA	-5,500	-0,068	0,273
CHR1	9133378	CHR1:9133378	SSF x Far_LoA	-10,007	-0,098	0,275
CHR1	9133471	CHR1:9133471	SSF x Far_LoA	-3,495	-0,214	0,272
CHR1	9133531	CHR1:9133531	SSF x Far_LoA	-11,033	-0,085	0,271
CHR1	9147680	CHR1:9147680	SSF x Far_LoA	-9,004	-0,100	0,300
CHR1	9147743	CHR1:9147743	SSF x Far_LoA	-10,183	-0,120	0,279
CHR1	9150687	CHR1:9150687	SSF x Far_LoA	-8,840	0,051	0,305
CHR1	9158227	CHR1:9158227	SSF x Far_LoA	-11,281	-0,071	0,302
CHR1	9158282	CHR1:9158282	SSF x Far_LoA	-8,708	-0,020	0,290

CHR1	9158726	CHR1:9158726	SSF x Far_LoA	-9,870	0,047	0,287
CHR1	9158740	CHR1:9158740	SSF x Far_LoA	-8,423	-0,039	0,278
CHR1	9162783	CHR1:9162783	SSF x Far_LoA	-10,037	0,048	0,286
CHR1	9162850	CHR1:9162850	SSF x Far_LoA	-10,370	-0,013	0,284
CHR1	9162955	CHR1:9162955	SSF x Far_LoA	-9,605	0,042	0,277
CHR1	9162961	CHR1:9162961	SSF x Far_LoA	-6,402	0,134	0,285
CHR1	9174808	CHR1:9174808	SSF x Far_LoA	-10,570	0,070	0,289
CHR1	9174968	CHR1:9174968	SSF x Far_LoA	-11,812	0,052	0,275
CHR1	9185478	CHR1:9185478	SSF x Far_LoA	-8,387	0,067	0,289
CHR1	9185529	CHR1:9185529	SSF x Far_LoA	-8,590	0,079	0,301
CHR1	9185611	CHR1:9185611	SSF x Far_LoA	-10,821	-0,083	0,274
CHR1	9185712	CHR1:9185712	SSF x Far_LoA	-7,652	0,122	0,268
CHR1	9205337	CHR1:9205337	SSF x Far_LoA	-10,154	-0,116	0,296
CHR1	9212265	CHR1:9212265	SSF x Far_LoA	-6,415	0,080	0,281
CHR1	9216605	CHR1:9216605	SSF x Far_LoA	-9,152	-0,039	0,278
CHR1	9216696	CHR1:9216696	SSF x Far_LoA	-10,641	0,123	0,283
CHR1	9225149	CHR1:9225149	SSF x Far_LoA	-11,834	0,049	0,290
CHR1	9235875	CHR1:9235875	SSF x Far_LoA	-9,287	-0,078	0,288
CHR1	9237284	CHR1:9237284	SSF x Far_LoA	-9,092	0,006	0,294
CHR1	9237293	CHR1:9237293	SSF x Far_LoA	-11,902	-0,004	0,287
CHR1	9237413	CHR1:9237413	SSF x Far_LoA	-10,243	0,077	0,281
CHR1	9237415	CHR1:9237415	SSF x Far_LoA	-9,230	-0,057	0,289
CHR1	9237422	CHR1:9237422	SSF x Far_LoA	-10,731	0,068	0,288
CHR1	9237513	CHR1:9237513	SSF x Far_LoA	-9,794	-0,090	0,290
CHR1	9241148	CHR1:9241148	SSF x Far_LoA	-10,107	0,063	0,291
CHR1	924839	CHR1:924839	SSF x Far_LoA	-10,761	-0,127	0,271
CHR1	924933	CHR1:924933	SSF x Far_LoA	-8,012	-0,111	0,287
CHR1	924996	CHR1:924996	SSF x Far_LoA	-10,689	-0,040	0,287
CHR1	925031	CHR1:925031	SSF x Far_LoA	-9,828	-0,024	0,291
CHR1	925192	CHR1:925192	SSF x Far_LoA	-8,960	-0,048	0,290
CHR1	9260078	CHR1:9260078	SSF x Far_LoA	-8,019	0,084	0,289
CHR1	9267777	CHR1:9267777	SSF x Far_LoA	-8,137	-0,090	0,294
CHR1	9267824	CHR1:9267824	SSF x Far_LoA	-7,616	0,054	0,297
CHR1	9267825	CHR1:9267825	SSF x Far_LoA	-9,056	0,067	0,286
CHR1	9280176	CHR1:9280176	SSF x Far_LoA	-9,619	0,036	0,282
CHR1	9280211	CHR1:9280211	SSF x Far_LoA	-7,861	0,090	0,290
CHR1	9280231	CHR1:9280231	SSF x Far_LoA	-9,136	0,066	0,300
CHR1	9284342	CHR1:9284342	SSF x Far_LoA	-10,683	0,042	0,301
CHR1	9284346	CHR1:9284346	SSF x Far_LoA	-12,302	0,038	0,289
CHR1	9290110	CHR1:9290110	SSF x Far_LoA	-8,375	0,083	0,303
CHR1	9290180	CHR1:9290180	SSF x Far_LoA	-9,098	0,034	0,292
CHR1	9290218	CHR1:9290218	SSF x Far_LoA	-8,884	0,071	0,302
CHR1	9290266	CHR1:9290266	SSF x Far_LoA	-9,489	-0,078	0,297
CHR1	9290277	CHR1:9290277	SSF x Far_LoA	-7,951	0,093	0,305
CHR1	9307627	CHR1:9307627	SSF x Far_LoA	-7,057	0,110	0,289
CHR1	9307714	CHR1:9307714	SSF x Far_LoA	-5,149	0,170	0,284
CHR1	9307733	CHR1:9307733	SSF x Far_LoA	-11,628	0,021	0,295
CHR1	9307806	CHR1:9307806	SSF x Far_LoA	-6,547	0,023	0,312
CHR1	9307823	CHR1:9307823	SSF x Far_LoA	-9,428	0,106	0,283
CHR1	9307873	CHR1:9307873	SSF x Far_LoA	-7,786	0,097	0,286
CHR1	9307903	CHR1:9307903	SSF x Far_LoA	-6,868	-0,045	0,293
CHR1	9307917	CHR1:9307917	SSF x Far_LoA	-8,122	0,121	0,269
CHR1	9307960	CHR1:9307960	SSF x Far_LoA	-8,092	0,081	0,293

CHR1	9328716	CHR1:9328716	SSF x Far_LoA	-9,862	-0,109	0,294
CHR1	9340616	CHR1:9340616	SSF x Far_LoA	-9,626	0,133	0,287
CHR1	9340891	CHR1:9340891	SSF x Far_LoA	-10,233	0,089	0,298
CHR1	9340912	CHR1:9340912	SSF x Far_LoA	-9,051	-0,006	0,280
CHR1	9348029	CHR1:9348029	SSF x Far_LoA	-2,111	-0,121	0,295
CHR1	9348227	CHR1:9348227	SSF x Far_LoA	-9,124	-0,083	0,278
CHR1	9354203	CHR1:9354203	SSF x Far_LoA	-9,967	-0,107	0,300
CHR1	9355894	CHR1:9355894	SSF x Far_LoA	-8,238	-0,065	0,301
CHR1	9356029	CHR1:9356029	SSF x Far_LoA	-6,774	0,101	0,272
CHR1	9356037	CHR1:9356037	SSF x Far_LoA	-4,092	0,135	0,281
CHR1	9356063	CHR1:9356063	SSF x Far_LoA	-7,466	0,191	0,264
CHR1	9371447	CHR1:9371447	SSF x Far_LoA	-8,024	0,103	0,284
CHR1	9373205	CHR1:9373205	SSF x Far_LoA	-10,723	0,065	0,296
CHR1	9373255	CHR1:9373255	SSF x Far_LoA	-8,327	-0,053	0,298
CHR1	9373258	CHR1:9373258	SSF x Far_LoA	-8,306	-0,003	0,293
CHR1	9373272	CHR1:9373272	SSF x Far_LoA	-8,883	0,018	0,295
CHR1	9377480	CHR1:9377480	SSF x Far_LoA	-10,418	0,095	0,297
CHR1	9409295	CHR1:9409295	SSF x Far_LoA	-11,322	-0,041	0,282
CHR1	941061	CHR1:941061	SSF x Far_LoA	-9,765	-0,133	0,293
CHR1	941087	CHR1:941087	SSF x Far_LoA	-8,163	0,160	0,278
CHR1	941103	CHR1:941103	SSF x Far_LoA	-8,584	0,080	0,289
CHR1	941114	CHR1:941114	SSF x Far_LoA	-7,540	0,062	0,297
CHR1	941138	CHR1:941138	SSF x Far_LoA	-9,044	-0,067	0,312
CHR1	941143	CHR1:941143	SSF x Far_LoA	-10,432	-0,007	0,295
CHR1	941235	CHR1:941235	SSF x Far_LoA	-11,426	0,053	0,302
CHR1	941302	CHR1:941302	SSF x Far_LoA	-10,704	-0,148	0,271
CHR1	941362	CHR1:941362	SSF x Far_LoA	-6,198	0,112	0,288
CHR1	941365	CHR1:941365	SSF x Far_LoA	-10,821	-0,118	0,281
CHR1	941440	CHR1:941440	SSF x Far_LoA	-8,050	-0,175	0,271
CHR1	9420204	CHR1:9420204	SSF x Far_LoA	-10,205	0,091	0,292
CHR1	9476436	CHR1:9476436	SSF x Far_LoA	-9,143	-0,101	0,280
CHR1	9476445	CHR1:9476445	SSF x Far_LoA	-10,332	-0,072	0,292
CHR1	9488389	CHR1:9488389	SSF x Far_LoA	-10,007	-0,055	0,279
CHR1	9488438	CHR1:9488438	SSF x Far_LoA	-5,842	0,127	0,300
CHR1	9488457	CHR1:9488457	SSF x Far_LoA	-7,275	0,012	0,292
CHR1	9488480	CHR1:9488480	SSF x Far_LoA	-6,066	0,125	0,294
CHR1	9488495	CHR1:9488495	SSF x Far_LoA	-4,298	-0,068	0,304
CHR1	9488507	CHR1:9488507	SSF x Far_LoA	-8,137	0,025	0,286
CHR1	9488511	CHR1:9488511	SSF x Far_LoA	-11,967	-0,050	0,290
CHR1	9488519	CHR1:9488519	SSF x Far_LoA	-6,521	0,061	0,293
CHR1	9490702	CHR1:9490702	SSF x Far_LoA	-10,816	0,033	0,305
CHR1	9490950	CHR1:9490950	SSF x Far_LoA	-8,866	-0,105	0,298
CHR1	9507940	CHR1:9507940	SSF x Far_LoA	-9,332	-0,114	0,289
CHR1	9507967	CHR1:9507967	SSF x Far_LoA	-10,249	-0,011	0,302
CHR1	9508011	CHR1:9508011	SSF x Far_LoA	-10,375	-0,051	0,293
CHR1	9508026	CHR1:9508026	SSF x Far_LoA	-8,323	0,019	0,293
CHR1	9508157	CHR1:9508157	SSF x Far_LoA	-4,935	0,010	0,291
CHR1	9519746	CHR1:9519746	SSF x Far_LoA	-9,376	-0,006	0,299
CHR1	9519763	CHR1:9519763	SSF x Far_LoA	-8,333	0,013	0,292
CHR1	9519767	CHR1:9519767	SSF x Far_LoA	-11,135	-0,069	0,295
CHR1	9519786	CHR1:9519786	SSF x Far_LoA	-10,585	0,000	0,279
CHR1	9519854	CHR1:9519854	SSF x Far_LoA	-8,437	-0,109	0,289
CHR1	9520000	CHR1:9520000	SSF x Far_LoA	-10,203	-0,064	0,294

CHR1	9522348	CHR1:9522348	SSF x Far_LoA	-10,186	0,077	0,295
CHR1	9522464	CHR1:9522464	SSF x Far_LoA	-8,479	0,051	0,294
CHR1	9528151	CHR1:9528151	SSF x Far_LoA	-7,682	0,013	0,299
CHR1	9528339	CHR1:9528339	SSF x Far_LoA	-6,119	0,079	0,298
CHR1	9528417	CHR1:9528417	SSF x Far_LoA	-8,343	0,112	0,283
CHR1	9528462	CHR1:9528462	SSF x Far_LoA	-9,765	0,070	0,285
CHR1	9528464	CHR1:9528464	SSF x Far_LoA	-10,544	0,036	0,292
CHR1	9528490	CHR1:9528490	SSF x Far_LoA	-9,130	-0,046	0,290
CHR1	9528526	CHR1:9528526	SSF x Far_LoA	-8,852	0,051	0,302
CHR1	9539625	CHR1:9539625	SSF x Far_LoA	-10,148	0,050	0,280
CHR1	9543052	CHR1:9543052	SSF x Far_LoA	-9,520	-0,001	0,301
CHR1	9543055	CHR1:9543055	SSF x Far_LoA	-11,188	-0,001	0,291
CHR1	9543057	CHR1:9543057	SSF x Far_LoA	-9,552	-0,050	0,297
CHR1	9543143	CHR1:9543143	SSF x Far_LoA	-10,472	0,030	0,300
CHR1	9543211	CHR1:9543211	SSF x Far_LoA	-10,033	-0,085	0,288
CHR1	955670	CHR1:955670	SSF x Far_LoA	-7,167	-0,105	0,297
CHR1	955734	CHR1:955734	SSF x Far_LoA	-6,868	-0,086	0,290
CHR1	9557373	CHR1:9557373	SSF x Far_LoA	-9,616	-0,041	0,268
CHR1	956040	CHR1:956040	SSF x Far_LoA	-10,429	-0,022	0,289
CHR1	956055	CHR1:956055	SSF x Far_LoA	-8,812	-0,052	0,292
CHR1	956068	CHR1:956068	SSF x Far_LoA	-9,782	0,033	0,280
CHR1	9571160	CHR1:9571160	SSF x Far_LoA	-8,409	0,051	0,291
CHR1	9626386	CHR1:9626386	SSF x Far_LoA	-9,033	0,026	0,292
CHR1	9640679	CHR1:9640679	SSF x Far_LoA	-2,960	0,159	0,290
CHR1	9669189	CHR1:9669189	SSF x Far_LoA	-8,686	0,089	0,288
CHR1	9672946	CHR1:9672946	SSF x Far_LoA	-7,510	-0,046	0,298
CHR1	9672961	CHR1:9672961	SSF x Far_LoA	-5,432	0,023	0,310
CHR1	9672989	CHR1:9672989	SSF x Far_LoA	-11,585	0,076	0,285
CHR1	9672992	CHR1:9672992	SSF x Far_LoA	-11,489	0,042	0,291
CHR1	9673005	CHR1:9673005	SSF x Far_LoA	-9,533	-0,017	0,290
CHR1	9673010	CHR1:9673010	SSF x Far_LoA	-9,699	0,069	0,278
CHR1	9673038	CHR1:9673038	SSF x Far_LoA	-7,936	0,014	0,277
CHR1	9673086	CHR1:9673086	SSF x Far_LoA	-8,967	0,079	0,304
CHR1	9690196	CHR1:9690196	SSF x Far_LoA	-10,946	0,081	0,285
CHR1	9696284	CHR1:9696284	SSF x Far_LoA	-9,270	-0,017	0,294
CHR1	9698856	CHR1:9698856	SSF x Far_LoA	-10,296	0,024	0,282
CHR1	9698885	CHR1:9698885	SSF x Far_LoA	-9,418	0,054	0,297
CHR1	9698899	CHR1:9698899	SSF x Far_LoA	-9,248	-0,112	0,287
CHR1	9708003	CHR1:9708003	SSF x Far_LoA	-8,451	-0,047	0,301
CHR1	9708152	CHR1:9708152	SSF x Far_LoA	-4,410	0,200	0,281
CHR1	9708301	CHR1:9708301	SSF x Far_LoA	-8,845	0,005	0,297
CHR1	9725976	CHR1:9725976	SSF x Far_LoA	-5,481	0,038	0,296
CHR1	9725978	CHR1:9725978	SSF x Far_LoA	-9,603	-0,028	0,291
CHR1	9725990	CHR1:9725990	SSF x Far_LoA	-10,759	-0,002	0,274
CHR1	9726018	CHR1:9726018	SSF x Far_LoA	-7,084	0,138	0,278
CHR1	9726042	CHR1:9726042	SSF x Far_LoA	-6,922	0,123	0,294
CHR1	9730084	CHR1:9730084	SSF x Far_LoA	-10,765	-0,068	0,282
CHR1	9730199	CHR1:9730199	SSF x Far_LoA	-10,736	-0,047	0,291
CHR1	9756438	CHR1:9756438	SSF x Far_LoA	-11,432	0,091	0,294
CHR1	9756638	CHR1:9756638	SSF x Far_LoA	-10,389	0,005	0,285
CHR1	9776527	CHR1:9776527	SSF x Far_LoA	-6,822	-0,098	0,304
CHR1	9776531	CHR1:9776531	SSF x Far_LoA	-7,251	-0,090	0,286
CHR1	9776546	CHR1:9776546	SSF x Far_LoA	-10,511	0,140	0,275

CHR1	9776567	CHR1:9776567	SSF x Far_LoA	-8,019	-0,080	0,293
CHR1	9776610	CHR1:9776610	SSF x Far_LoA	-7,856	-0,087	0,294
CHR1	9780754	CHR1:9780754	SSF x Far_LoA	-7,805	-0,034	0,314
CHR1	9780787	CHR1:9780787	SSF x Far_LoA	-10,421	-0,028	0,284
CHR1	9780943	CHR1:9780943	SSF x Far_LoA	-9,806	-0,077	0,287
CHR1	9795779	CHR1:9795779	SSF x Far_LoA	-8,737	0,016	0,279
CHR1	9795823	CHR1:9795823	SSF x Far_LoA	-10,150	-0,036	0,296
CHR1	9795840	CHR1:9795840	SSF x Far_LoA	-5,747	0,134	0,291
CHR1	9795851	CHR1:9795851	SSF x Far_LoA	-8,328	0,119	0,294
CHR1	9797281	CHR1:9797281	SSF x Far_LoA	-8,911	-0,136	0,284
CHR1	9797298	CHR1:9797298	SSF x Far_LoA	-10,178	0,066	0,286
CHR1	9798433	CHR1:9798433	SSF x Far_LoA	-9,043	-0,001	0,296
CHR1	9823260	CHR1:9823260	SSF x Far_LoA	-9,764	-0,058	0,285
CHR1	9823270	CHR1:9823270	SSF x Far_LoA	-10,150	0,018	0,285
CHR1	9823348	CHR1:9823348	SSF x Far_LoA	-8,219	-0,002	0,282
CHR1	9828992	CHR1:9828992	SSF x Far_LoA	-10,450	-0,021	0,291
CHR1	9829003	CHR1:9829003	SSF x Far_LoA	-10,309	-0,052	0,283
CHR1	9867794	CHR1:9867794	SSF x Far_LoA	-9,460	0,081	0,292
CHR1	9867815	CHR1:9867815	SSF x Far_LoA	-7,332	-0,012	0,289
CHR1	9867863	CHR1:9867863	SSF x Far_LoA	-10,756	0,061	0,276
CHR1	9867896	CHR1:9867896	SSF x Far_LoA	-11,094	0,027	0,290
CHR1	9867900	CHR1:9867900	SSF x Far_LoA	-10,230	0,015	0,286
CHR1	9867949	CHR1:9867949	SSF x Far_LoA	-10,151	0,024	0,290
CHR1	9874740	CHR1:9874740	SSF x Far_LoA	-8,780	0,022	0,279
CHR1	9874750	CHR1:9874750	SSF x Far_LoA	-7,661	-0,104	0,276
CHR1	9874761	CHR1:9874761	SSF x Far_LoA	-8,004	0,002	0,303
CHR1	9874767	CHR1:9874767	SSF x Far_LoA	-7,775	0,033	0,284
CHR1	9874788	CHR1:9874788	SSF x Far_LoA	-8,026	0,134	0,293
CHR1	9879311	CHR1:9879311	SSF x Far_LoA	-9,278	0,033	0,293
CHR1	991189	CHR1:991189	SSF x Far_LoA	-9,509	-0,076	0,291
CHR1	9919507	CHR1:9919507	SSF x Far_LoA	-4,665	0,015	0,282
CHR1	9919565	CHR1:9919565	SSF x Far_LoA	-10,028	0,032	0,268
CHR1	9919660	CHR1:9919660	SSF x Far_LoA	-4,678	-0,200	0,267
CHR1	9919663	CHR1:9919663	SSF x Far_LoA	-2,084	0,162	0,273
CHR1	9919671	CHR1:9919671	SSF x Far_LoA	-7,479	-0,174	0,277
CHR1	9919767	CHR1:9919767	SSF x Far_LoA	-8,613	-0,012	0,297
CHR1	9924723	CHR1:9924723	SSF x Far_LoA	-8,287	0,065	0,292
CHR1	9924737	CHR1:9924737	SSF x Far_LoA	-11,505	0,037	0,288
CHR1	9924760	CHR1:9924760	SSF x Far_LoA	-7,746	0,099	0,296
CHR1	9924842	CHR1:9924842	SSF x Far_LoA	-8,056	0,098	0,296
CHR1	9924848	CHR1:9924848	SSF x Far_LoA	-10,841	-0,015	0,289
CHR1	9924863	CHR1:9924863	SSF x Far_LoA	-6,238	0,096	0,292
CHR1	9924887	CHR1:9924887	SSF x Far_LoA	-10,364	-0,052	0,291
CHR1	9948113	CHR1:9948113	SSF x Far_LoA	-8,835	-0,042	0,294
CHR1	9960397	CHR1:9960397	SSF x Far_LoA	-9,086	0,122	0,273
CHR1	9960406	CHR1:9960406	SSF x Far_LoA	-9,031	-0,099	0,292
CHR1	9960499	CHR1:9960499	SSF x Far_LoA	-8,654	-0,054	0,285
CHR1	9960527	CHR1:9960527	SSF x Far_LoA	-9,002	-0,052	0,301
CHR1	9975523	CHR1:9975523	SSF x Far_LoA	-11,835	-0,020	0,297
CHR1	9975556	CHR1:9975556	SSF x Far_LoA	-10,498	0,032	0,283
CHR1	9980347	CHR1:9980347	SSF x Far_LoA	-6,841	-0,033	0,293
CHR1	9980377	CHR1:9980377	SSF x Far_LoA	-6,670	-0,156	0,282
CHR1	9991876	CHR1:9991876	SSF x Far_LoA	-5,796	-0,031	0,281

CHR1	9991889	CHR1:9991889	SSF x Far_LoA	-11,654	-0,035	0,287
CHR1	9991923	CHR1:9991923	SSF x Far_LoA	-7,764	0,052	0,288
CHR1	9992098	CHR1:9992098	SSF x Far_LoA	-10,725	0,001	0,305
CHR1	9993162	CHR1:9993162	SSF x Far_LoA	-9,571	-0,026	0,296
CHR1	9993300	CHR1:9993300	SSF x Far_LoA	-6,405	0,123	0,285
CHR2	1E+07	CHR2:10084278	SSF x Far_LoA	-8,250	0,059	0,301
CHR2	1E+07	CHR2:10108939	SSF x Far_LoA	-12,175	-0,047	0,285
CHR2	1E+07	CHR2:10110794	SSF x Far_LoA	-9,367	0,105	0,289
CHR2	1E+07	CHR2:10116068	SSF x Far_LoA	-3,407	-0,039	0,298
CHR2	1E+07	CHR2:10116094	SSF x Far_LoA	-9,555	-0,033	0,291
CHR2	1E+07	CHR2:10116280	SSF x Far_LoA	-9,161	0,124	0,284
CHR2	1E+07	CHR2:10118345	SSF x Far_LoA	-9,874	-0,123	0,297
CHR2	1012026	CHR2:1012026	SSF x Far_LoA	-10,452	0,040	0,275
CHR2	1012153	CHR2:1012153	SSF x Far_LoA	-10,424	0,085	0,292
CHR2	1012180	CHR2:1012180	SSF x Far_LoA	-8,127	0,067	0,297
CHR2	1E+07	CHR2:10122079	SSF x Far_LoA	-10,414	-0,084	0,284
CHR2	1E+07	CHR2:10122127	SSF x Far_LoA	-9,541	0,092	0,301
CHR2	1E+07	CHR2:10122268	SSF x Far_LoA	-9,254	-0,092	0,292
CHR2	1E+07	CHR2:10122315	SSF x Far_LoA	-9,140	0,074	0,287
CHR2	1E+07	CHR2:10122334	SSF x Far_LoA	-10,680	0,065	0,279
CHR2	1E+07	CHR2:10122395	SSF x Far_LoA	-9,244	0,034	0,290
CHR2	1E+07	CHR2:10131562	SSF x Far_LoA	-9,943	-0,136	0,279
CHR2	1E+07	CHR2:10131596	SSF x Far_LoA	-8,747	-0,112	0,298
CHR2	1E+07	CHR2:10131640	SSF x Far_LoA	-8,313	-0,132	0,289
CHR2	1E+07	CHR2:10131926	SSF x Far_LoA	-10,973	-0,073	0,295
CHR2	1E+07	CHR2:10136329	SSF x Far_LoA	-5,971	0,177	0,294
CHR2	1E+07	CHR2:10136627	SSF x Far_LoA	-10,088	0,068	0,289
CHR2	1013866	CHR2:1013866	SSF x Far_LoA	-8,065	-0,012	0,298
CHR2	1013883	CHR2:1013883	SSF x Far_LoA	-6,894	0,089	0,291
CHR2	1E+07	CHR2:10139408	SSF x Far_LoA	-9,218	0,083	0,277
CHR2	1013941	CHR2:1013941	SSF x Far_LoA	-8,712	0,068	0,291
CHR2	1013947	CHR2:1013947	SSF x Far_LoA	-9,307	0,084	0,281
CHR2	1E+07	CHR2:10139554	SSF x Far_LoA	-10,910	0,095	0,286
CHR2	1E+07	CHR2:10139750	SSF x Far_LoA	-9,091	0,060	0,292
CHR2	1E+07	CHR2:10153656	SSF x Far_LoA	-12,143	-0,033	0,284
CHR2	1E+07	CHR2:10153816	SSF x Far_LoA	-11,246	-0,031	0,286
CHR2	1E+07	CHR2:10153859	SSF x Far_LoA	-8,741	-0,080	0,287
CHR2	1015630	CHR2:1015630	SSF x Far_LoA	-7,601	-0,184	0,281
CHR2	1015678	CHR2:1015678	SSF x Far_LoA	-7,162	0,178	0,267
CHR2	1015733	CHR2:1015733	SSF x Far_LoA	-5,805	0,207	0,291
CHR2	1015752	CHR2:1015752	SSF x Far_LoA	-6,874	-0,140	0,295
CHR2	1015758	CHR2:1015758	SSF x Far_LoA	-10,953	0,003	0,286
CHR2	1015765	CHR2:1015765	SSF x Far_LoA	-9,480	-0,139	0,288
CHR2	1E+07	CHR2:10178794	SSF x Far_LoA	-7,777	-0,142	0,283
CHR2	1E+07	CHR2:10178877	SSF x Far_LoA	-8,375	-0,160	0,293
CHR2	1E+07	CHR2:10178892	SSF x Far_LoA	-10,568	-0,046	0,281
CHR2	1E+07	CHR2:10178925	SSF x Far_LoA	-5,901	-0,110	0,283
CHR2	1E+07	CHR2:10188558	SSF x Far_LoA	-11,912	-0,011	0,293
CHR2	1E+07	CHR2:10188561	SSF x Far_LoA	-8,940	0,058	0,294
CHR2	1E+07	CHR2:10188603	SSF x Far_LoA	-8,469	0,109	0,291
CHR2	1E+07	CHR2:10190047	SSF x Far_LoA	-9,582	0,052	0,276
CHR2	1E+07	CHR2:10190069	SSF x Far_LoA	-9,923	0,008	0,302
CHR2	1E+07	CHR2:10190141	SSF x Far_LoA	-5,798	-0,081	0,297

CHR2	1E+07	CHR2:10190151	SSF x Far_LoA	-8,389	-0,057	0,290
CHR2	1E+07	CHR2:10190164	SSF x Far_LoA	-9,206	-0,072	0,293
CHR2	1E+07	CHR2:10190200	SSF x Far_LoA	-7,627	0,110	0,288
CHR2	1E+07	CHR2:10190226	SSF x Far_LoA	-2,148	0,020	0,289
CHR2	1E+07	CHR2:10190241	SSF x Far_LoA	-8,212	-0,020	0,302
CHR2	1E+07	CHR2:10190243	SSF x Far_LoA	-9,299	-0,131	0,276
CHR2	1E+07	CHR2:10190257	SSF x Far_LoA	-8,744	0,005	0,292
CHR2	1E+07	CHR2:10190296	SSF x Far_LoA	-7,433	-0,117	0,291
CHR2	1E+07	CHR2:10195011	SSF x Far_LoA	-9,586	-0,115	0,279
CHR2	1E+07	CHR2:10195033	SSF x Far_LoA	-9,783	0,020	0,279
CHR2	1E+07	CHR2:10195037	SSF x Far_LoA	-11,213	-0,045	0,288
CHR2	1E+07	CHR2:10195045	SSF x Far_LoA	-8,373	0,067	0,292
CHR2	1E+07	CHR2:10195230	SSF x Far_LoA	-10,259	-0,042	0,295
CHR2	1E+07	CHR2:10205272	SSF x Far_LoA	-8,287	-0,098	0,288
CHR2	1E+07	CHR2:10205414	SSF x Far_LoA	-9,344	-0,008	0,267
CHR2	1E+07	CHR2:10205422	SSF x Far_LoA	-8,403	-0,059	0,279
CHR2	1E+07	CHR2:10210002	SSF x Far_LoA	-8,339	0,152	0,273
CHR2	1E+07	CHR2:10210004	SSF x Far_LoA	-8,882	0,023	0,294
CHR2	1E+07	CHR2:10213122	SSF x Far_LoA	-11,624	-0,029	0,310
CHR2	1E+07	CHR2:10213339	SSF x Far_LoA	-11,730	-0,015	0,283
CHR2	1E+07	CHR2:10217098	SSF x Far_LoA	-10,127	-0,028	0,291
CHR2	1E+07	CHR2:10217120	SSF x Far_LoA	-10,206	-0,054	0,296
CHR2	1E+07	CHR2:10219887	SSF x Far_LoA	-11,452	-0,115	0,288
CHR2	1E+07	CHR2:10219954	SSF x Far_LoA	-6,853	0,153	0,283
CHR2	1E+07	CHR2:10219998	SSF x Far_LoA	-8,061	-0,105	0,282
CHR2	1E+07	CHR2:10226260	SSF x Far_LoA	-7,549	-0,099	0,290
CHR2	1E+07	CHR2:10226272	SSF x Far_LoA	-7,795	0,035	0,293
CHR2	1E+07	CHR2:10226357	SSF x Far_LoA	-9,502	-0,049	0,287
CHR2	1E+07	CHR2:10226393	SSF x Far_LoA	-10,634	0,040	0,279
CHR2	1E+07	CHR2:10226431	SSF x Far_LoA	-10,333	-0,010	0,289
CHR2	1E+07	CHR2:10228300	SSF x Far_LoA	-9,109	-0,011	0,298
CHR2	1E+07	CHR2:10230372	SSF x Far_LoA	-9,616	-0,059	0,294
CHR2	1E+07	CHR2:10230417	SSF x Far_LoA	-9,285	-0,108	0,293
CHR2	1E+07	CHR2:10230421	SSF x Far_LoA	-10,216	-0,108	0,288
CHR2	1E+07	CHR2:10230440	SSF x Far_LoA	-7,166	-0,167	0,280
CHR2	1E+07	CHR2:10230459	SSF x Far_LoA	-9,399	-0,085	0,300
CHR2	1E+07	CHR2:10230525	SSF x Far_LoA	-2,431	0,074	0,305
CHR2	1E+07	CHR2:10230531	SSF x Far_LoA	-8,646	0,083	0,282
CHR2	1E+07	CHR2:10230539	SSF x Far_LoA	-8,128	0,093	0,296
CHR2	1E+07	CHR2:10237109	SSF x Far_LoA	-8,681	-0,007	0,288
CHR2	1E+07	CHR2:10244199	SSF x Far_LoA	-10,703	-0,082	0,300
CHR2	1E+07	CHR2:10244394	SSF x Far_LoA	-10,781	0,034	0,296
CHR2	1E+07	CHR2:10244442	SSF x Far_LoA	-11,525	-0,040	0,282
CHR2	1E+07	CHR2:10249911	SSF x Far_LoA	-8,931	-0,069	0,296
CHR2	1E+07	CHR2:10249917	SSF x Far_LoA	-9,231	0,140	0,279
CHR2	1E+07	CHR2:10250035	SSF x Far_LoA	-8,878	0,086	0,297
CHR2	1E+07	CHR2:10250086	SSF x Far_LoA	-9,784	-0,037	0,307
CHR2	1E+07	CHR2:10278083	SSF x Far_LoA	-9,637	-0,072	0,275
CHR2	1E+07	CHR2:10282179	SSF x Far_LoA	-4,887	-0,207	0,288
CHR2	1E+07	CHR2:10282193	SSF x Far_LoA	-9,092	0,011	0,270
CHR2	1E+07	CHR2:10282248	SSF x Far_LoA	-10,129	0,013	0,278
CHR2	1E+07	CHR2:10285900	SSF x Far_LoA	-9,680	0,072	0,302
CHR2	1E+07	CHR2:10287542	SSF x Far_LoA	-6,998	-0,089	0,289

CHR2	1E+07	CHR2:10287557	SSF x Far_LoA	-2,653	-0,084	0,299
CHR2	1E+07	CHR2:10287608	SSF x Far_LoA	-8,958	0,159	0,286
CHR2	1E+07	CHR2:10288705	SSF x Far_LoA	-8,619	0,017	0,271
CHR2	1E+07	CHR2:10288724	SSF x Far_LoA	-9,953	0,019	0,273
CHR2	1E+07	CHR2:10288736	SSF x Far_LoA	-8,453	0,020	0,274
CHR2	1E+07	CHR2:10288940	SSF x Far_LoA	-10,604	0,062	0,307
CHR2	1E+07	CHR2:10288970	SSF x Far_LoA	-8,893	-0,068	0,278
CHR2	1E+07	CHR2:10288990	SSF x Far_LoA	-6,721	0,124	0,298
CHR2	1E+07	CHR2:10289026	SSF x Far_LoA	-9,211	0,057	0,294
CHR2	1E+07	CHR2:10289041	SSF x Far_LoA	-6,838	0,109	0,277
CHR2	1E+07	CHR2:10294859	SSF x Far_LoA	-5,045	0,183	0,287
CHR2	1E+07	CHR2:10295727	SSF x Far_LoA	-4,306	0,067	0,296
CHR2	1E+07	CHR2:10312995	SSF x Far_LoA	-8,558	-0,091	0,298
CHR2	1E+07	CHR2:10434136	SSF x Far_LoA	-11,293	-0,016	0,290
CHR2	1E+07	CHR2:10434371	SSF x Far_LoA	-8,946	-0,033	0,284
CHR2	1E+07	CHR2:10445320	SSF x Far_LoA	-8,402	-0,047	0,306
CHR2	1E+07	CHR2:10452186	SSF x Far_LoA	-10,100	0,030	0,294
CHR2	1E+07	CHR2:10453030	SSF x Far_LoA	-9,896	-0,033	0,291
CHR2	1E+07	CHR2:10453070	SSF x Far_LoA	-7,784	-0,078	0,283
CHR2	1E+07	CHR2:10454815	SSF x Far_LoA	-6,931	0,093	0,284
CHR2	1E+07	CHR2:10455181	SSF x Far_LoA	-9,303	0,097	0,291
CHR2	1E+07	CHR2:10455186	SSF x Far_LoA	-9,399	0,124	0,291
CHR2	1E+07	CHR2:10463423	SSF x Far_LoA	-10,890	-0,023	0,297
CHR2	1E+07	CHR2:10463453	SSF x Far_LoA	-8,172	0,127	0,302
CHR2	10516389	CHR2:10516389	SSF x Far_LoA	-2,571	0,243	0,279
CHR2	10516414	CHR2:10516414	SSF x Far_LoA	-1,280	0,149	0,277
CHR2	10516507	CHR2:10516507	SSF x Far_LoA	-3,216	0,141	0,274
CHR2	10538364	CHR2:10538364	SSF x Far_LoA	-6,255	0,152	0,291
CHR2	1054449	CHR2:1054449	SSF x Far_LoA	-10,112	0,029	0,286
CHR2	10553663	CHR2:10553663	SSF x Far_LoA	-9,027	0,037	0,297
CHR2	10553729	CHR2:10553729	SSF x Far_LoA	-8,369	0,000	0,317
CHR2	10553760	CHR2:10553760	SSF x Far_LoA	-7,206	0,046	0,298
CHR2	10578390	CHR2:10578390	SSF x Far_LoA	-8,556	0,005	0,309
CHR2	10583633	CHR2:10583633	SSF x Far_LoA	-8,893	-0,028	0,290
CHR2	10583727	CHR2:10583727	SSF x Far_LoA	-9,651	0,027	0,295
CHR2	10585381	CHR2:10585381	SSF x Far_LoA	-9,422	-0,038	0,288
CHR2	10585981	CHR2:10585981	SSF x Far_LoA	-11,211	-0,113	0,288
CHR2	10585992	CHR2:10585992	SSF x Far_LoA	-7,403	-0,081	0,294
CHR2	10586047	CHR2:10586047	SSF x Far_LoA	-6,014	0,127	0,279
CHR2	10586067	CHR2:10586067	SSF x Far_LoA	-5,952	0,201	0,265
CHR2	10586073	CHR2:10586073	SSF x Far_LoA	-7,954	0,125	0,262
CHR2	10612746	CHR2:10612746	SSF x Far_LoA	-9,518	0,070	0,315
CHR2	10612828	CHR2:10612828	SSF x Far_LoA	-9,943	-0,042	0,301
CHR2	10612854	CHR2:10612854	SSF x Far_LoA	-10,839	-0,041	0,289
CHR2	10612864	CHR2:10612864	SSF x Far_LoA	-11,443	-0,099	0,285
CHR2	10613072	CHR2:10613072	SSF x Far_LoA	-9,792	0,099	0,291
CHR2	10613095	CHR2:10613095	SSF x Far_LoA	-9,054	0,077	0,293
CHR2	10620927	CHR2:10620927	SSF x Far_LoA	-9,091	-0,047	0,275
CHR2	10621118	CHR2:10621118	SSF x Far_LoA	-8,310	0,064	0,274
CHR2	10621168	CHR2:10621168	SSF x Far_LoA	-9,088	0,075	0,276
CHR2	10621991	CHR2:10621991	SSF x Far_LoA	7,773	-0,111	0,295
CHR2	10634541	CHR2:10634541	SSF x Far_LoA	-12,002	-0,008	0,275
CHR2	10634611	CHR2:10634611	SSF x Far_LoA	-12,216	-0,021	0,300

CHR2	10634616	CHR2:10634616	SSF x Far_LoA	-9,788	-0,032	0,291
CHR2	10634787	CHR2:10634787	SSF x Far_LoA	-11,085	0,012	0,303
CHR2	10635026	CHR2:10635026	SSF x Far_LoA	-8,501	-0,098	0,296
CHR2	10638546	CHR2:10638546	SSF x Far_LoA	-10,060	-0,008	0,286
CHR2	10638549	CHR2:10638549	SSF x Far_LoA	-9,517	0,063	0,301
CHR2	10638639	CHR2:10638639	SSF x Far_LoA	-10,529	-0,057	0,292
CHR2	10638641	CHR2:10638641	SSF x Far_LoA	-7,185	0,028	0,302
CHR2	10638669	CHR2:10638669	SSF x Far_LoA	-10,640	-0,026	0,280
CHR2	10638692	CHR2:10638692	SSF x Far_LoA	-9,697	-0,051	0,293
CHR2	10638754	CHR2:10638754	SSF x Far_LoA	-7,561	0,139	0,301
CHR2	10638818	CHR2:10638818	SSF x Far_LoA	0,346	-0,216	0,278
CHR2	10638821	CHR2:10638821	SSF x Far_LoA	-10,193	0,038	0,288
CHR2	10638840	CHR2:10638840	SSF x Far_LoA	-6,569	-0,146	0,290
CHR2	10638844	CHR2:10638844	SSF x Far_LoA	-6,587	-0,209	0,272
CHR2	10658085	CHR2:10658085	SSF x Far_LoA	-11,327	-0,005	0,280
CHR2	10658118	CHR2:10658118	SSF x Far_LoA	-9,068	-0,047	0,291
CHR2	10658127	CHR2:10658127	SSF x Far_LoA	-4,201	-0,112	0,294
CHR2	10671055	CHR2:10671055	SSF x Far_LoA	-9,987	-0,042	0,290
CHR2	10683276	CHR2:10683276	SSF x Far_LoA	-9,185	-0,058	0,294
CHR2	10683482	CHR2:10683482	SSF x Far_LoA	-8,765	-0,034	0,293
CHR2	10683585	CHR2:10683585	SSF x Far_LoA	-9,702	-0,039	0,295
CHR2	10705055	CHR2:10705055	SSF x Far_LoA	-8,742	0,099	0,291
CHR2	10708458	CHR2:10708458	SSF x Far_LoA	-9,688	-0,156	0,291
CHR2	10708509	CHR2:10708509	SSF x Far_LoA	-10,429	-0,020	0,290
CHR2	10708595	CHR2:10708595	SSF x Far_LoA	-10,427	0,052	0,278
CHR2	10708691	CHR2:10708691	SSF x Far_LoA	-7,176	-0,026	0,308
CHR2	10719844	CHR2:10719844	SSF x Far_LoA	-10,759	0,049	0,270
CHR2	10727868	CHR2:10727868	SSF x Far_LoA	-11,036	-0,041	0,291
CHR2	10728286	CHR2:10728286	SSF x Far_LoA	-8,913	0,001	0,287
CHR2	10756431	CHR2:10756431	SSF x Far_LoA	-8,983	0,015	0,274
CHR2	10756483	CHR2:10756483	SSF x Far_LoA	-8,462	0,102	0,289
CHR2	10756484	CHR2:10756484	SSF x Far_LoA	-8,409	0,049	0,287
CHR2	10756597	CHR2:10756597	SSF x Far_LoA	-9,477	-0,042	0,298
CHR2	10756712	CHR2:10756712	SSF x Far_LoA	-11,490	-0,071	0,278
CHR2	10756735	CHR2:10756735	SSF x Far_LoA	-6,663	-0,068	0,313
CHR2	10756768	CHR2:10756768	SSF x Far_LoA	-9,438	-0,101	0,301
CHR2	10756770	CHR2:10756770	SSF x Far_LoA	-8,194	-0,013	0,291
CHR2	10756823	CHR2:10756823	SSF x Far_LoA	-9,024	-0,002	0,284
CHR2	1076685	CHR2:1076685	SSF x Far_LoA	-8,855	-0,032	0,301
CHR2	10771503	CHR2:10771503	SSF x Far_LoA	-8,373	-0,036	0,288
CHR2	10771517	CHR2:10771517	SSF x Far_LoA	-8,140	-0,010	0,310
CHR2	10771527	CHR2:10771527	SSF x Far_LoA	-10,757	0,053	0,297
CHR2	10771546	CHR2:10771546	SSF x Far_LoA	-8,662	-0,010	0,284
CHR2	10771548	CHR2:10771548	SSF x Far_LoA	-5,735	-0,077	0,292
CHR2	10771570	CHR2:10771570	SSF x Far_LoA	-9,790	0,044	0,284
CHR2	10771572	CHR2:10771572	SSF x Far_LoA	-9,048	-0,101	0,281
CHR2	10771594	CHR2:10771594	SSF x Far_LoA	-9,688	-0,069	0,302
CHR2	10771619	CHR2:10771619	SSF x Far_LoA	-10,592	0,047	0,298
CHR2	10771637	CHR2:10771637	SSF x Far_LoA	-10,503	0,022	0,295
CHR2	10776833	CHR2:10776833	SSF x Far_LoA	-7,607	-0,191	0,274
CHR2	10776963	CHR2:10776963	SSF x Far_LoA	-8,064	-0,020	0,300
CHR2	10777014	CHR2:10777014	SSF x Far_LoA	-9,502	0,036	0,291
CHR2	10777033	CHR2:10777033	SSF x Far_LoA	-7,878	0,070	0,294

CHR2	1078531	CHR2:1078531	SSF x Far_LoA	-5,717	0,229	0,272
CHR2	10785630	CHR2:10785630	SSF x Far_LoA	-7,351	0,127	0,302
CHR2	10785640	CHR2:10785640	SSF x Far_LoA	-8,857	-0,086	0,282
CHR2	10785642	CHR2:10785642	SSF x Far_LoA	-2,783	0,064	0,290
CHR2	10786462	CHR2:10786462	SSF x Far_LoA	-10,251	-0,040	0,291
CHR2	10786501	CHR2:10786501	SSF x Far_LoA	-10,654	-0,024	0,279
CHR2	1078680	CHR2:1078680	SSF x Far_LoA	-6,225	0,161	0,282
CHR2	1078683	CHR2:1078683	SSF x Far_LoA	-4,872	0,218	0,276
CHR2	1078686	CHR2:1078686	SSF x Far_LoA	-5,394	0,156	0,285
CHR2	1078718	CHR2:1078718	SSF x Far_LoA	-8,386	-0,088	0,268
CHR2	1078728	CHR2:1078728	SSF x Far_LoA	-8,625	0,080	0,294
CHR2	1078733	CHR2:1078733	SSF x Far_LoA	-10,246	-0,049	0,276
CHR2	1078753	CHR2:1078753	SSF x Far_LoA	-11,110	-0,037	0,282
CHR2	1078762	CHR2:1078762	SSF x Far_LoA	-10,760	-0,048	0,279
CHR2	10793621	CHR2:10793621	SSF x Far_LoA	-9,726	-0,123	0,286
CHR2	10808067	CHR2:10808067	SSF x Far_LoA	-8,950	0,106	0,283
CHR2	10808169	CHR2:10808169	SSF x Far_LoA	-8,986	-0,079	0,275
CHR2	10808234	CHR2:10808234	SSF x Far_LoA	-9,489	0,046	0,300
CHR2	10811790	CHR2:10811790	SSF x Far_LoA	8,353	0,026	0,283
CHR2	10811948	CHR2:10811948	SSF x Far_LoA	-9,172	-0,075	0,285
CHR2	10812026	CHR2:10812026	SSF x Far_LoA	-10,781	-0,036	0,291
CHR2	10812048	CHR2:10812048	SSF x Far_LoA	-11,197	0,032	0,290
CHR2	10832089	CHR2:10832089	SSF x Far_LoA	-9,848	0,054	0,282
CHR2	10832123	CHR2:10832123	SSF x Far_LoA	-6,681	-0,119	0,288
CHR2	10832191	CHR2:10832191	SSF x Far_LoA	-5,828	-0,134	0,302
CHR2	10844291	CHR2:10844291	SSF x Far_LoA	-9,753	0,057	0,276
CHR2	10844361	CHR2:10844361	SSF x Far_LoA	-10,370	0,058	0,292
CHR2	10844391	CHR2:10844391	SSF x Far_LoA	-10,525	0,047	0,284
CHR2	10844404	CHR2:10844404	SSF x Far_LoA	-9,094	-0,060	0,298
CHR2	10849790	CHR2:10849790	SSF x Far_LoA	-8,189	0,053	0,291
CHR2	10849799	CHR2:10849799	SSF x Far_LoA	-8,052	0,021	0,298
CHR2	10849940	CHR2:10849940	SSF x Far_LoA	-7,907	-0,088	0,296
CHR2	1085695	CHR2:1085695	SSF x Far_LoA	-9,654	-0,044	0,299
CHR2	10858983	CHR2:10858983	SSF x Far_LoA	-12,143	-0,019	0,290
CHR2	10858991	CHR2:10858991	SSF x Far_LoA	-10,112	0,079	0,294
CHR2	10859004	CHR2:10859004	SSF x Far_LoA	-9,340	0,091	0,287
CHR2	10859033	CHR2:10859033	SSF x Far_LoA	-8,762	-0,069	0,292
CHR2	10860011	CHR2:10860011	SSF x Far_LoA	-11,720	-0,015	0,288
CHR2	10860157	CHR2:10860157	SSF x Far_LoA	-8,594	0,106	0,288
CHR2	10860164	CHR2:10860164	SSF x Far_LoA	-10,304	0,101	0,280
CHR2	10860194	CHR2:10860194	SSF x Far_LoA	-11,054	0,001	0,289
CHR2	10860211	CHR2:10860211	SSF x Far_LoA	-9,842	-0,129	0,284
CHR2	10867016	CHR2:10867016	SSF x Far_LoA	-12,177	-0,060	0,293
CHR2	10867025	CHR2:10867025	SSF x Far_LoA	-9,910	-0,041	0,278
CHR2	10867027	CHR2:10867027	SSF x Far_LoA	-6,591	-0,154	0,275
CHR2	10867141	CHR2:10867141	SSF x Far_LoA	-6,133	0,070	0,289
CHR2	10870202	CHR2:10870202	SSF x Far_LoA	-10,071	0,074	0,281
CHR2	10870287	CHR2:10870287	SSF x Far_LoA	-8,725	0,040	0,304
CHR2	10870321	CHR2:10870321	SSF x Far_LoA	-9,036	0,017	0,294
CHR2	10870353	CHR2:10870353	SSF x Far_LoA	-10,991	0,049	0,282
CHR2	10870373	CHR2:10870373	SSF x Far_LoA	-4,040	0,033	0,285
CHR2	10870395	CHR2:10870395	SSF x Far_LoA	-8,721	-0,153	0,284
CHR2	10870445	CHR2:10870445	SSF x Far_LoA	-9,917	0,064	0,293

CHR2	10870482	CHR2:10870482	SSF x Far_LoA	-9,135	-0,068	0,303
CHR2	10893771	CHR2:10893771	SSF x Far_LoA	-11,558	-0,019	0,283
CHR2	10893830	CHR2:10893830	SSF x Far_LoA	-8,147	-0,012	0,293
CHR2	10924968	CHR2:10924968	SSF x Far_LoA	-8,298	-0,128	0,280
CHR2	10929252	CHR2:10929252	SSF x Far_LoA	-9,915	-0,060	0,283
CHR2	10962808	CHR2:10962808	SSF x Far_LoA	-9,301	-0,081	0,292
CHR2	10962817	CHR2:10962817	SSF x Far_LoA	-7,298	0,056	0,295
CHR2	10962958	CHR2:10962958	SSF x Far_LoA	-8,941	0,034	0,290
CHR2	10962964	CHR2:10962964	SSF x Far_LoA	-7,613	-0,059	0,303
CHR2	10962965	CHR2:10962965	SSF x Far_LoA	-9,466	-0,014	0,291
CHR2	10964670	CHR2:10964670	SSF x Far_LoA	-11,627	0,039	0,292
CHR2	10964990	CHR2:10964990	SSF x Far_LoA	-10,754	-0,054	0,294
CHR2	10968080	CHR2:10968080	SSF x Far_LoA	-7,185	0,026	0,297
CHR2	10968105	CHR2:10968105	SSF x Far_LoA	-7,112	-0,190	0,282
CHR2	10968182	CHR2:10968182	SSF x Far_LoA	-10,513	0,068	0,288
CHR2	10972478	CHR2:10972478	SSF x Far_LoA	-10,154	-0,123	0,275
CHR2	10973298	CHR2:10973298	SSF x Far_LoA	-9,895	0,046	0,287
CHR2	10973391	CHR2:10973391	SSF x Far_LoA	-9,006	-0,116	0,295
CHR2	10973505	CHR2:10973505	SSF x Far_LoA	-12,158	-0,007	0,293
CHR2	1097542	CHR2:1097542	SSF x Far_LoA	-7,552	-0,004	0,313
CHR2	10988872	CHR2:10988872	SSF x Far_LoA	-7,890	0,067	0,305
CHR2	10988933	CHR2:10988933	SSF x Far_LoA	-9,769	0,068	0,279
CHR2	10989265	CHR2:10989265	SSF x Far_LoA	-8,750	0,115	0,279
CHR2	10992264	CHR2:10992264	SSF x Far_LoA	-8,607	-0,034	0,293
CHR2	10992505	CHR2:10992505	SSF x Far_LoA	-10,225	-0,051	0,297
CHR2	11002954	CHR2:11002954	SSF x Far_LoA	-10,918	-0,019	0,274
CHR2	11002959	CHR2:11002959	SSF x Far_LoA	-9,585	-0,051	0,291
CHR2	11002976	CHR2:11002976	SSF x Far_LoA	-11,449	0,027	0,295
CHR2	11003055	CHR2:11003055	SSF x Far_LoA	-4,210	0,183	0,275
CHR2	11003139	CHR2:11003139	SSF x Far_LoA	-11,111	0,072	0,290
CHR2	11003185	CHR2:11003185	SSF x Far_LoA	-5,312	0,111	0,283
CHR2	11013007	CHR2:11013007	SSF x Far_LoA	-10,871	-0,037	0,294
CHR2	11025750	CHR2:11025750	SSF x Far_LoA	-8,935	0,117	0,292
CHR2	11026091	CHR2:11026091	SSF x Far_LoA	-8,183	-0,023	0,298
CHR2	11026103	CHR2:11026103	SSF x Far_LoA	-10,819	0,037	0,283
CHR2	11026138	CHR2:11026138	SSF x Far_LoA	-10,326	-0,012	0,294
CHR2	11031224	CHR2:11031224	SSF x Far_LoA	-8,773	0,020	0,289
CHR2	11031279	CHR2:11031279	SSF x Far_LoA	-10,895	0,041	0,301
CHR2	11031364	CHR2:11031364	SSF x Far_LoA	-9,113	0,018	0,299
CHR2	11031412	CHR2:11031412	SSF x Far_LoA	-10,744	0,037	0,292
CHR2	11031431	CHR2:11031431	SSF x Far_LoA	-9,423	0,047	0,295
CHR2	11031443	CHR2:11031443	SSF x Far_LoA	-7,939	0,061	0,292
CHR2	11031446	CHR2:11031446	SSF x Far_LoA	-9,269	0,098	0,287
CHR2	11035059	CHR2:11035059	SSF x Far_LoA	-7,554	0,076	0,281
CHR2	11035119	CHR2:11035119	SSF x Far_LoA	-9,498	0,086	0,306
CHR2	11055065	CHR2:11055065	SSF x Far_LoA	-10,938	-0,057	0,289
CHR2	11055168	CHR2:11055168	SSF x Far_LoA	-6,296	-0,181	0,294
CHR2	11055349	CHR2:11055349	SSF x Far_LoA	-9,789	-0,035	0,299
CHR2	1106091	CHR2:1106091	SSF x Far_LoA	-10,414	0,118	0,296
CHR2	1106244	CHR2:1106244	SSF x Far_LoA	-8,384	0,066	0,291
CHR2	1106376	CHR2:1106376	SSF x Far_LoA	-11,651	-0,054	0,284
CHR2	11069219	CHR2:11069219	SSF x Far_LoA	-11,360	-0,073	0,289
CHR2	11074735	CHR2:11074735	SSF x Far_LoA	-7,906	0,095	0,287

CHR2	11075059	CHR2:11075059	SSF x Far_LoA	-8,019	0,100	0,303
CHR2	11082560	CHR2:11082560	SSF x Far_LoA	-10,316	0,001	0,288
CHR2	11097602	CHR2:11097602	SSF x Far_LoA	-9,553	0,038	0,297
CHR2	11097605	CHR2:11097605	SSF x Far_LoA	-9,447	0,031	0,312
CHR2	11097612	CHR2:11097612	SSF x Far_LoA	-8,940	0,074	0,292
CHR2	11097734	CHR2:11097734	SSF x Far_LoA	-10,267	0,130	0,293
CHR2	11100245	CHR2:11100245	SSF x Far_LoA	-10,501	-0,088	0,275
CHR2	11100354	CHR2:11100354	SSF x Far_LoA	-7,948	0,008	0,283
CHR2	11100410	CHR2:11100410	SSF x Far_LoA	-8,753	-0,031	0,284
CHR2	11115882	CHR2:11115882	SSF x Far_LoA	-8,665	-0,078	0,293
CHR2	11115942	CHR2:11115942	SSF x Far_LoA	-10,351	-0,031	0,304
CHR2	11123328	CHR2:11123328	SSF x Far_LoA	-9,152	0,089	0,288
CHR2	11123333	CHR2:11123333	SSF x Far_LoA	-9,243	0,087	0,293
CHR2	11123338	CHR2:11123338	SSF x Far_LoA	-8,226	0,101	0,293
CHR2	11123351	CHR2:11123351	SSF x Far_LoA	-9,364	-0,059	0,280
CHR2	11123950	CHR2:11123950	SSF x Far_LoA	-6,741	-0,172	0,273
CHR2	11124007	CHR2:11124007	SSF x Far_LoA	-10,476	-0,047	0,289
CHR2	11124040	CHR2:11124040	SSF x Far_LoA	-9,608	-0,070	0,285
CHR2	11124074	CHR2:11124074	SSF x Far_LoA	-9,701	0,046	0,303
CHR2	11152737	CHR2:11152737	SSF x Far_LoA	-9,403	0,042	0,272
CHR2	11152758	CHR2:11152758	SSF x Far_LoA	-7,837	0,094	0,296
CHR2	11157332	CHR2:11157332	SSF x Far_LoA	-8,903	-0,123	0,295
CHR2	11157380	CHR2:11157380	SSF x Far_LoA	-10,197	-0,051	0,286
CHR2	11157474	CHR2:11157474	SSF x Far_LoA	-8,552	0,120	0,286
CHR2	11157521	CHR2:11157521	SSF x Far_LoA	-7,067	-0,175	0,285
CHR2	11170576	CHR2:11170576	SSF x Far_LoA	-9,026	0,059	0,280
CHR2	11170583	CHR2:11170583	SSF x Far_LoA	-9,902	0,029	0,281
CHR2	11170638	CHR2:11170638	SSF x Far_LoA	-8,708	-0,003	0,286
CHR2	11170660	CHR2:11170660	SSF x Far_LoA	-7,167	0,028	0,288
CHR2	11199809	CHR2:11199809	SSF x Far_LoA	-6,984	-0,126	0,294
CHR2	11200112	CHR2:11200112	SSF x Far_LoA	-8,223	0,045	0,293
CHR2	11200205	CHR2:11200205	SSF x Far_LoA	-1,862	0,196	0,287
CHR2	11217237	CHR2:11217237	SSF x Far_LoA	-3,656	0,060	0,280
CHR2	11217337	CHR2:11217337	SSF x Far_LoA	-8,606	-0,118	0,291
CHR2	11233307	CHR2:11233307	SSF x Far_LoA	-11,418	0,039	0,291
CHR2	11238875	CHR2:11238875	SSF x Far_LoA	-6,281	0,097	0,300
CHR2	11238912	CHR2:11238912	SSF x Far_LoA	-7,551	-0,145	0,292
CHR2	11259180	CHR2:11259180	SSF x Far_LoA	-9,391	-0,007	0,303
CHR2	11259194	CHR2:11259194	SSF x Far_LoA	-6,919	0,024	0,289
CHR2	11259211	CHR2:11259211	SSF x Far_LoA	-11,454	0,007	0,288
CHR2	11259453	CHR2:11259453	SSF x Far_LoA	-4,746	-0,183	0,268
CHR2	11259496	CHR2:11259496	SSF x Far_LoA	-6,822	-0,065	0,291
CHR2	11269646	CHR2:11269646	SSF x Far_LoA	-10,091	0,081	0,286
CHR2	11279716	CHR2:11279716	SSF x Far_LoA	-11,158	0,025	0,286
CHR2	11281749	CHR2:11281749	SSF x Far_LoA	-9,773	0,051	0,285
CHR2	11282018	CHR2:11282018	SSF x Far_LoA	-10,539	0,010	0,289
CHR2	11298357	CHR2:11298357	SSF x Far_LoA	-7,162	-0,133	0,299
CHR2	11320935	CHR2:11320935	SSF x Far_LoA	-2,637	-0,236	0,283
CHR2	11321087	CHR2:11321087	SSF x Far_LoA	-9,564	-0,092	0,291
CHR2	11325960	CHR2:11325960	SSF x Far_LoA	-9,103	-0,034	0,301
CHR2	11325976	CHR2:11325976	SSF x Far_LoA	-9,518	-0,048	0,308
CHR2	11326129	CHR2:11326129	SSF x Far_LoA	-9,384	0,080	0,288
CHR2	11341718	CHR2:11341718	SSF x Far_LoA	0,211	0,039	0,300

CHR2	11341752	CHR2:11341752	SSF x Far_LoA	-8,875	-0,012	0,302
CHR2	1134229	CHR2:1134229	SSF x Far_LoA	-5,719	-0,057	0,284
CHR2	1134289	CHR2:1134289	SSF x Far_LoA	-8,368	0,025	0,287
CHR2	11353226	CHR2:11353226	SSF x Far_LoA	-7,614	0,132	0,281
CHR2	11353344	CHR2:11353344	SSF x Far_LoA	-1,930	-0,192	0,292
CHR2	11373338	CHR2:11373338	SSF x Far_LoA	-8,615	0,057	0,304
CHR2	11388537	CHR2:11388537	SSF x Far_LoA	-7,106	0,069	0,298
CHR2	11388568	CHR2:11388568	SSF x Far_LoA	-11,048	-0,036	0,292
CHR2	1139923	CHR2:1139923	SSF x Far_LoA	-10,922	0,002	0,296
CHR2	1139965	CHR2:1139965	SSF x Far_LoA	-11,062	0,069	0,283
CHR2	1140002	CHR2:1140002	SSF x Far_LoA	-8,883	-0,091	0,288
CHR2	11405436	CHR2:11405436	SSF x Far_LoA	-9,206	-0,079	0,290
CHR2	11405494	CHR2:11405494	SSF x Far_LoA	-8,885	0,029	0,299
CHR2	11414268	CHR2:11414268	SSF x Far_LoA	-10,857	0,001	0,291
CHR2	1141438	CHR2:1141438	SSF x Far_LoA	-10,896	-0,018	0,292
CHR2	11414589	CHR2:11414589	SSF x Far_LoA	-8,610	0,138	0,297
CHR2	11422883	CHR2:11422883	SSF x Far_LoA	-9,349	-0,164	0,279
CHR2	11423137	CHR2:11423137	SSF x Far_LoA	2,277	0,092	0,296
CHR2	11427578	CHR2:11427578	SSF x Far_LoA	-8,642	0,016	0,280
CHR2	11427685	CHR2:11427685	SSF x Far_LoA	-9,975	0,019	0,285
CHR2	11452355	CHR2:11452355	SSF x Far_LoA	-9,864	-0,026	0,301
CHR2	11456774	CHR2:11456774	SSF x Far_LoA	-11,107	0,005	0,294
CHR2	11456785	CHR2:11456785	SSF x Far_LoA	-9,357	-0,011	0,276
CHR2	11456946	CHR2:11456946	SSF x Far_LoA	-9,640	-0,066	0,293
CHR2	11457046	CHR2:11457046	SSF x Far_LoA	-8,906	-0,079	0,282
CHR2	11473614	CHR2:11473614	SSF x Far_LoA	-8,807	0,038	0,287
CHR2	11473940	CHR2:11473940	SSF x Far_LoA	-7,344	-0,136	0,296
CHR2	11473943	CHR2:11473943	SSF x Far_LoA	-9,471	0,082	0,289
CHR2	11473952	CHR2:11473952	SSF x Far_LoA	-9,516	-0,067	0,302
CHR2	11479063	CHR2:11479063	SSF x Far_LoA	-8,497	0,043	0,302
CHR2	11479144	CHR2:11479144	SSF x Far_LoA	-8,120	0,114	0,279
CHR2	11479316	CHR2:11479316	SSF x Far_LoA	-11,736	0,034	0,284
CHR2	11479357	CHR2:11479357	SSF x Far_LoA	-9,748	0,024	0,290
CHR2	11486668	CHR2:11486668	SSF x Far_LoA	-11,153	0,008	0,298
CHR2	11486937	CHR2:11486937	SSF x Far_LoA	-11,442	0,064	0,267
CHR2	11487005	CHR2:11487005	SSF x Far_LoA	-9,496	0,076	0,283
CHR2	11487056	CHR2:11487056	SSF x Far_LoA	-10,993	-0,066	0,296
CHR2	11487091	CHR2:11487091	SSF x Far_LoA	-10,438	0,097	0,288
CHR2	11492441	CHR2:11492441	SSF x Far_LoA	-10,217	0,015	0,283
CHR2	11492508	CHR2:11492508	SSF x Far_LoA	-6,789	-0,207	0,263
CHR2	11492600	CHR2:11492600	SSF x Far_LoA	-11,511	0,025	0,289
CHR2	11492633	CHR2:11492633	SSF x Far_LoA	-7,425	-0,106	0,284
CHR2	1149311	CHR2:1149311	SSF x Far_LoA	-11,437	0,000	0,290
CHR2	1149381	CHR2:1149381	SSF x Far_LoA	-9,795	0,066	0,308
CHR2	1149454	CHR2:1149454	SSF x Far_LoA	-7,782	0,074	0,294
CHR2	1149488	CHR2:1149488	SSF x Far_LoA	-6,349	0,024	0,298
CHR2	1149540	CHR2:1149540	SSF x Far_LoA	-7,759	0,123	0,288
CHR2	1149541	CHR2:1149541	SSF x Far_LoA	-9,908	-0,109	0,291
CHR2	1149562	CHR2:1149562	SSF x Far_LoA	-11,032	0,096	0,288
CHR2	11507262	CHR2:11507262	SSF x Far_LoA	-2,995	-0,161	0,300
CHR2	11507416	CHR2:11507416	SSF x Far_LoA	-9,161	-0,097	0,287
CHR2	11513673	CHR2:11513673	SSF x Far_LoA	-3,796	-0,041	0,299
CHR2	11531502	CHR2:11531502	SSF x Far_LoA	-9,593	-0,129	0,294

CHR2	11542588	CHR2:11542588	SSF x Far_LoA	1,885	0,075	0,306
CHR2	11542679	CHR2:11542679	SSF x Far_LoA	-8,622	-0,094	0,284
CHR2	11542724	CHR2:11542724	SSF x Far_LoA	-10,657	-0,045	0,290
CHR2	11542877	CHR2:11542877	SSF x Far_LoA	-9,792	-0,074	0,301
CHR2	11542901	CHR2:11542901	SSF x Far_LoA	-6,298	-0,014	0,296
CHR2	11571494	CHR2:11571494	SSF x Far_LoA	-9,021	0,116	0,285
CHR2	11571498	CHR2:11571498	SSF x Far_LoA	-10,392	0,027	0,294
CHR2	11571547	CHR2:11571547	SSF x Far_LoA	-10,521	0,014	0,291
CHR2	1157795	CHR2:1157795	SSF x Far_LoA	-8,315	0,005	0,289
CHR2	11578139	CHR2:11578139	SSF x Far_LoA	-9,140	-0,028	0,280
CHR2	11578528	CHR2:11578528	SSF x Far_LoA	-9,710	0,075	0,277
CHR2	1157894	CHR2:1157894	SSF x Far_LoA	-8,913	0,017	0,302
CHR2	1157895	CHR2:1157895	SSF x Far_LoA	-9,421	0,005	0,292
CHR2	1157921	CHR2:1157921	SSF x Far_LoA	-10,124	0,063	0,282
CHR2	1157957	CHR2:1157957	SSF x Far_LoA	-9,231	-0,093	0,300
CHR2	11602227	CHR2:11602227	SSF x Far_LoA	-8,099	-0,046	0,299
CHR2	11605759	CHR2:11605759	SSF x Far_LoA	-8,000	-0,056	0,302
CHR2	11611434	CHR2:11611434	SSF x Far_LoA	-9,717	0,066	0,290
CHR2	11611590	CHR2:11611590	SSF x Far_LoA	-10,647	0,050	0,282
CHR2	11618025	CHR2:11618025	SSF x Far_LoA	-6,781	-0,092	0,297
CHR2	11618143	CHR2:11618143	SSF x Far_LoA	-6,406	-0,091	0,295
CHR2	11618170	CHR2:11618170	SSF x Far_LoA	-5,703	-0,099	0,296
CHR2	11630759	CHR2:11630759	SSF x Far_LoA	-10,667	0,016	0,286
CHR2	11630795	CHR2:11630795	SSF x Far_LoA	-5,985	-0,154	0,287
CHR2	11631045	CHR2:11631045	SSF x Far_LoA	-5,413	0,039	0,309
CHR2	1163279	CHR2:1163279	SSF x Far_LoA	-11,720	0,004	0,288
CHR2	1163555	CHR2:1163555	SSF x Far_LoA	-10,058	-0,024	0,313
CHR2	1163640	CHR2:1163640	SSF x Far_LoA	-9,183	0,040	0,294
CHR2	11649010	CHR2:11649010	SSF x Far_LoA	-9,308	-0,039	0,289
CHR2	11649220	CHR2:11649220	SSF x Far_LoA	1,489	0,172	0,262
CHR2	11649429	CHR2:11649429	SSF x Far_LoA	-8,319	-0,035	0,292
CHR2	11657945	CHR2:11657945	SSF x Far_LoA	-9,939	0,028	0,291
CHR2	1165990	CHR2:1165990	SSF x Far_LoA	-11,614	-0,022	0,299
CHR2	1166125	CHR2:1166125	SSF x Far_LoA	-8,625	-0,119	0,292
CHR2	11680610	CHR2:11680610	SSF x Far_LoA	-6,967	0,068	0,305
CHR2	11680638	CHR2:11680638	SSF x Far_LoA	-9,594	-0,056	0,292
CHR2	1172922	CHR2:1172922	SSF x Far_LoA	-8,907	-0,042	0,283
CHR2	1172985	CHR2:1172985	SSF x Far_LoA	-7,359	0,087	0,279
CHR2	1172990	CHR2:1172990	SSF x Far_LoA	-9,917	-0,016	0,312
CHR2	1173023	CHR2:1173023	SSF x Far_LoA	-9,342	0,108	0,288
CHR2	1173028	CHR2:1173028	SSF x Far_LoA	-10,587	0,096	0,283
CHR2	11744458	CHR2:11744458	SSF x Far_LoA	-9,076	-0,065	0,285
CHR2	11744505	CHR2:11744505	SSF x Far_LoA	-11,909	-0,025	0,293
CHR2	1175163	CHR2:1175163	SSF x Far_LoA	-8,264	-0,002	0,298
CHR2	1175195	CHR2:1175195	SSF x Far_LoA	-7,862	0,056	0,286
CHR2	1175249	CHR2:1175249	SSF x Far_LoA	-8,945	-0,088	0,290
CHR2	1175254	CHR2:1175254	SSF x Far_LoA	-8,949	-0,072	0,269
CHR2	1178020	CHR2:1178020	SSF x Far_LoA	-9,146	-0,171	0,299
CHR2	1178276	CHR2:1178276	SSF x Far_LoA	-9,106	-0,041	0,302
CHR2	11793632	CHR2:11793632	SSF x Far_LoA	-6,183	0,163	0,295
CHR2	11822156	CHR2:11822156	SSF x Far_LoA	-7,254	0,097	0,284
CHR2	11822158	CHR2:11822158	SSF x Far_LoA	-7,832	-0,005	0,305
CHR2	11822188	CHR2:11822188	SSF x Far_LoA	-9,680	0,087	0,283

CHR2	11822199	CHR2:11822199	SSF x Far_LoA	-9,993	0,061	0,292
CHR2	11825069	CHR2:11825069	SSF x Far_LoA	-5,070	0,048	0,287
CHR2	11825101	CHR2:11825101	SSF x Far_LoA	-8,626	0,046	0,303
CHR2	11834438	CHR2:11834438	SSF x Far_LoA	-9,183	0,060	0,289
CHR2	11849745	CHR2:11849745	SSF x Far_LoA	-8,665	0,040	0,302
CHR2	11870702	CHR2:11870702	SSF x Far_LoA	-11,096	0,073	0,290
CHR2	11870729	CHR2:11870729	SSF x Far_LoA	1,007	-0,164	0,290
CHR2	11870731	CHR2:11870731	SSF x Far_LoA	-8,456	0,047	0,301
CHR2	11870744	CHR2:11870744	SSF x Far_LoA	-9,022	-0,182	0,280
CHR2	11870746	CHR2:11870746	SSF x Far_LoA	-7,333	-0,160	0,284
CHR2	11870767	CHR2:11870767	SSF x Far_LoA	-3,909	-0,031	0,294
CHR2	11870778	CHR2:11870778	SSF x Far_LoA	-4,984	-0,150	0,288
CHR2	11904935	CHR2:11904935	SSF x Far_LoA	-6,627	0,132	0,278
CHR2	11904979	CHR2:11904979	SSF x Far_LoA	-9,453	-0,079	0,292
CHR2	11905048	CHR2:11905048	SSF x Far_LoA	-9,390	0,009	0,293
CHR2	11905070	CHR2:11905070	SSF x Far_LoA	-11,527	0,010	0,289
CHR2	11905076	CHR2:11905076	SSF x Far_LoA	-11,132	0,024	0,298
CHR2	11907058	CHR2:11907058	SSF x Far_LoA	-8,231	0,032	0,298
CHR2	11907266	CHR2:11907266	SSF x Far_LoA	-3,605	-0,137	0,278
CHR2	1191273	CHR2:1191273	SSF x Far_LoA	-9,979	-0,049	0,276
CHR2	11913239	CHR2:11913239	SSF x Far_LoA	-11,529	0,042	0,280
CHR2	11913297	CHR2:11913297	SSF x Far_LoA	-10,314	0,011	0,288
CHR2	1191484	CHR2:1191484	SSF x Far_LoA	-11,029	-0,053	0,284
CHR2	11914931	CHR2:11914931	SSF x Far_LoA	-8,543	0,050	0,294
CHR2	11933651	CHR2:11933651	SSF x Far_LoA	-6,526	0,021	0,304
CHR2	11933694	CHR2:11933694	SSF x Far_LoA	-9,280	-0,012	0,302
CHR2	11933846	CHR2:11933846	SSF x Far_LoA	-10,958	-0,027	0,287
CHR2	11933954	CHR2:11933954	SSF x Far_LoA	-10,090	-0,012	0,296
CHR2	11933998	CHR2:11933998	SSF x Far_LoA	-9,907	0,055	0,278
CHR2	11934128	CHR2:11934128	SSF x Far_LoA	0,371	-0,118	0,291
CHR2	11947133	CHR2:11947133	SSF x Far_LoA	-10,991	0,074	0,287
CHR2	11947140	CHR2:11947140	SSF x Far_LoA	-9,003	-0,026	0,288
CHR2	11947142	CHR2:11947142	SSF x Far_LoA	-9,474	-0,017	0,293
CHR2	11947159	CHR2:11947159	SSF x Far_LoA	-8,420	-0,062	0,291
CHR2	11947348	CHR2:11947348	SSF x Far_LoA	-7,265	0,014	0,277
CHR2	11947402	CHR2:11947402	SSF x Far_LoA	-8,857	0,045	0,286
CHR2	11947431	CHR2:11947431	SSF x Far_LoA	-10,647	-0,106	0,291
CHR2	11947469	CHR2:11947469	SSF x Far_LoA	-7,492	0,057	0,302
CHR2	11947510	CHR2:11947510	SSF x Far_LoA	-8,350	-0,042	0,290
CHR2	11947517	CHR2:11947517	SSF x Far_LoA	-9,705	0,087	0,289
CHR2	11957450	CHR2:11957450	SSF x Far_LoA	-8,780	0,032	0,293
CHR2	11957635	CHR2:11957635	SSF x Far_LoA	-7,726	0,013	0,287
CHR2	11969496	CHR2:11969496	SSF x Far_LoA	-9,870	-0,166	0,279
CHR2	11969537	CHR2:11969537	SSF x Far_LoA	-7,540	0,113	0,280
CHR2	11969737	CHR2:11969737	SSF x Far_LoA	-9,025	-0,106	0,293
CHR2	11987271	CHR2:11987271	SSF x Far_LoA	-8,677	0,075	0,301
CHR2	11987278	CHR2:11987278	SSF x Far_LoA	-9,166	0,195	0,297
CHR2	11987336	CHR2:11987336	SSF x Far_LoA	-10,399	-0,110	0,290
CHR2	11987356	CHR2:11987356	SSF x Far_LoA	-9,659	-0,035	0,299
CHR2	11987443	CHR2:11987443	SSF x Far_LoA	-11,190	0,035	0,302
CHR2	11987445	CHR2:11987445	SSF x Far_LoA	-1,375	-0,144	0,291
CHR2	12003721	CHR2:12003721	SSF x Far_LoA	-8,422	0,082	0,284
CHR2	12003729	CHR2:12003729	SSF x Far_LoA	-11,588	-0,051	0,292

CHR2	12003741	CHR2:12003741	SSF x Far_LoA	-9,646	-0,016	0,279
CHR2	12004002	CHR2:12004002	SSF x Far_LoA	-10,627	-0,001	0,286
CHR2	12016179	CHR2:12016179	SSF x Far_LoA	-10,382	-0,088	0,292
CHR2	12016305	CHR2:12016305	SSF x Far_LoA	-9,059	0,014	0,298
CHR2	12016324	CHR2:12016324	SSF x Far_LoA	-9,176	0,030	0,301
CHR2	12016351	CHR2:12016351	SSF x Far_LoA	-9,302	0,052	0,293
CHR2	12022591	CHR2:12022591	SSF x Far_LoA	-8,946	-0,089	0,300
CHR2	12022846	CHR2:12022846	SSF x Far_LoA	-7,362	-0,106	0,296
CHR2	12022884	CHR2:12022884	SSF x Far_LoA	-9,315	-0,013	0,293
CHR2	12031319	CHR2:12031319	SSF x Far_LoA	-8,243	0,062	0,293
CHR2	12034613	CHR2:12034613	SSF x Far_LoA	-10,809	-0,022	0,281
CHR2	12038818	CHR2:12038818	SSF x Far_LoA	-9,811	0,065	0,291
CHR2	12056153	CHR2:12056153	SSF x Far_LoA	-7,280	-0,079	0,296
CHR2	12056273	CHR2:12056273	SSF x Far_LoA	-12,135	0,029	0,292
CHR2	12058860	CHR2:12058860	SSF x Far_LoA	-7,366	-0,008	0,295
CHR2	12058862	CHR2:12058862	SSF x Far_LoA	-6,706	-0,010	0,309
CHR2	12059035	CHR2:12059035	SSF x Far_LoA	-8,314	0,039	0,300
CHR2	12059060	CHR2:12059060	SSF x Far_LoA	-11,285	-0,026	0,295
CHR2	12067645	CHR2:12067645	SSF x Far_LoA	-10,625	0,051	0,311
CHR2	12070477	CHR2:12070477	SSF x Far_LoA	-10,502	0,003	0,298
CHR2	12070610	CHR2:12070610	SSF x Far_LoA	-6,747	-0,159	0,293
CHR2	12070637	CHR2:12070637	SSF x Far_LoA	-9,786	-0,098	0,280
CHR2	1207511	CHR2:1207511	SSF x Far_LoA	-10,364	0,023	0,301
CHR2	12075146	CHR2:12075146	SSF x Far_LoA	-10,004	0,083	0,297
CHR2	12075258	CHR2:12075258	SSF x Far_LoA	-7,045	-0,046	0,284
CHR2	12075476	CHR2:12075476	SSF x Far_LoA	-9,109	0,093	0,302
CHR2	1207586	CHR2:1207586	SSF x Far_LoA	-9,007	-0,046	0,294
CHR2	1207726	CHR2:1207726	SSF x Far_LoA	-11,220	0,019	0,278
CHR2	12077796	CHR2:12077796	SSF x Far_LoA	-9,810	-0,097	0,294
CHR2	12102449	CHR2:12102449	SSF x Far_LoA	-9,704	0,007	0,302
CHR2	12129788	CHR2:12129788	SSF x Far_LoA	-10,577	0,018	0,276
CHR2	12132149	CHR2:12132149	SSF x Far_LoA	-8,205	-0,090	0,294
CHR2	12145305	CHR2:12145305	SSF x Far_LoA	-11,078	0,095	0,279
CHR2	12159819	CHR2:12159819	SSF x Far_LoA	-5,312	0,196	0,275
CHR2	12159825	CHR2:12159825	SSF x Far_LoA	-9,683	-0,012	0,309
CHR2	12159853	CHR2:12159853	SSF x Far_LoA	-8,603	0,045	0,287
CHR2	12177330	CHR2:12177330	SSF x Far_LoA	-9,413	0,053	0,289
CHR2	1217825	CHR2:1217825	SSF x Far_LoA	-8,299	0,128	0,280
CHR2	1217884	CHR2:1217884	SSF x Far_LoA	-7,948	0,016	0,295
CHR2	12180022	CHR2:12180022	SSF x Far_LoA	-9,684	-0,063	0,271
CHR2	12202677	CHR2:12202677	SSF x Far_LoA	-9,709	0,083	0,277
CHR2	12202679	CHR2:12202679	SSF x Far_LoA	-7,330	0,132	0,284
CHR2	12202682	CHR2:12202682	SSF x Far_LoA	-9,142	-0,060	0,283
CHR2	12202742	CHR2:12202742	SSF x Far_LoA	-8,402	-0,154	0,280
CHR2	12202756	CHR2:12202756	SSF x Far_LoA	-9,312	-0,067	0,276
CHR2	12202763	CHR2:12202763	SSF x Far_LoA	-8,028	-0,157	0,293
CHR2	12202790	CHR2:12202790	SSF x Far_LoA	-7,179	-0,010	0,307
CHR2	12202800	CHR2:12202800	SSF x Far_LoA	-7,484	-0,079	0,286
CHR2	12214953	CHR2:12214953	SSF x Far_LoA	-9,155	-0,043	0,282
CHR2	12215017	CHR2:12215017	SSF x Far_LoA	-6,872	0,095	0,271
CHR2	12215043	CHR2:12215043	SSF x Far_LoA	-9,662	0,028	0,288
CHR2	12220737	CHR2:12220737	SSF x Far_LoA	-7,222	-0,022	0,285
CHR2	12220767	CHR2:12220767	SSF x Far_LoA	-5,928	-0,023	0,291

CHR2	12220887	CHR2:12220887	SSF x Far_LoA	-7,377	-0,172	0,274
CHR2	12220930	CHR2:12220930	SSF x Far_LoA	-8,945	0,014	0,272
CHR2	12226108	CHR2:12226108	SSF x Far_LoA	-8,737	0,170	0,295
CHR2	12226178	CHR2:12226178	SSF x Far_LoA	-11,053	0,048	0,281
CHR2	12232871	CHR2:12232871	SSF x Far_LoA	-10,607	0,004	0,298
CHR2	12232890	CHR2:12232890	SSF x Far_LoA	-11,586	0,008	0,281
CHR2	12232976	CHR2:12232976	SSF x Far_LoA	-12,478	-0,020	0,277
CHR2	12233060	CHR2:12233060	SSF x Far_LoA	-9,701	0,050	0,290
CHR2	12233287	CHR2:12233287	SSF x Far_LoA	-11,682	-0,024	0,287
CHR2	12236954	CHR2:12236954	SSF x Far_LoA	-9,738	-0,105	0,271
CHR2	12236959	CHR2:12236959	SSF x Far_LoA	-8,648	0,098	0,280
CHR2	12236993	CHR2:12236993	SSF x Far_LoA	-10,120	0,068	0,302
CHR2	12250440	CHR2:12250440	SSF x Far_LoA	-8,910	0,083	0,297
CHR2	12258462	CHR2:12258462	SSF x Far_LoA	-10,095	0,060	0,290
CHR2	12258474	CHR2:12258474	SSF x Far_LoA	-8,466	0,118	0,288
CHR2	12258528	CHR2:12258528	SSF x Far_LoA	-10,621	-0,023	0,286
CHR2	12260091	CHR2:12260091	SSF x Far_LoA	-8,922	-0,015	0,278
CHR2	12260196	CHR2:12260196	SSF x Far_LoA	-7,477	0,119	0,283
CHR2	12265308	CHR2:12265308	SSF x Far_LoA	-10,932	0,062	0,272
CHR2	12265327	CHR2:12265327	SSF x Far_LoA	-9,589	0,009	0,301
CHR2	12265374	CHR2:12265374	SSF x Far_LoA	-9,935	0,046	0,307
CHR2	12265572	CHR2:12265572	SSF x Far_LoA	-8,447	-0,080	0,291
CHR2	12265589	CHR2:12265589	SSF x Far_LoA	-4,875	-0,204	0,274
CHR2	12290941	CHR2:12290941	SSF x Far_LoA	-11,034	0,074	0,292
CHR2	12295196	CHR2:12295196	SSF x Far_LoA	-9,700	-0,073	0,289
CHR2	12295416	CHR2:12295416	SSF x Far_LoA	-9,043	0,166	0,272
CHR2	12296894	CHR2:12296894	SSF x Far_LoA	-8,134	-0,147	0,284
CHR2	12296993	CHR2:12296993	SSF x Far_LoA	-8,970	0,074	0,285
CHR2	12299793	CHR2:12299793	SSF x Far_LoA	-11,555	-0,072	0,290
CHR2	12299845	CHR2:12299845	SSF x Far_LoA	-11,205	-0,025	0,283
CHR2	12299928	CHR2:12299928	SSF x Far_LoA	-8,094	-0,125	0,289
CHR2	12299989	CHR2:12299989	SSF x Far_LoA	-7,117	-0,082	0,295
CHR2	12299992	CHR2:12299992	SSF x Far_LoA	-9,492	0,022	0,299
CHR2	12300067	CHR2:12300067	SSF x Far_LoA	-7,463	-0,089	0,297
CHR2	12300094	CHR2:12300094	SSF x Far_LoA	-5,128	-0,083	0,281
CHR2	12300096	CHR2:12300096	SSF x Far_LoA	-11,761	0,001	0,292
CHR2	12300113	CHR2:12300113	SSF x Far_LoA	-7,575	0,156	0,282
CHR2	12300117	CHR2:12300117	SSF x Far_LoA	-5,603	-0,137	0,289
CHR2	12300118	CHR2:12300118	SSF x Far_LoA	-6,944	-0,129	0,297
CHR2	12300217	CHR2:12300217	SSF x Far_LoA	-10,383	-0,035	0,299
CHR2	1230069	CHR2:1230069	SSF x Far_LoA	-11,299	-0,025	0,269
CHR2	1230294	CHR2:1230294	SSF x Far_LoA	-7,854	0,089	0,291
CHR2	1230375	CHR2:1230375	SSF x Far_LoA	-10,220	0,041	0,293
CHR2	12309384	CHR2:12309384	SSF x Far_LoA	-10,232	-0,020	0,291
CHR2	12335891	CHR2:12335891	SSF x Far_LoA	-9,969	-0,054	0,311
CHR2	12336046	CHR2:12336046	SSF x Far_LoA	-9,352	-0,013	0,289
CHR2	12337452	CHR2:12337452	SSF x Far_LoA	-10,273	0,025	0,284
CHR2	12337588	CHR2:12337588	SSF x Far_LoA	-9,442	-0,136	0,294
CHR2	12337614	CHR2:12337614	SSF x Far_LoA	0,631	-0,162	0,287
CHR2	12345993	CHR2:12345993	SSF x Far_LoA	-9,256	-0,059	0,271
CHR2	12346000	CHR2:12346000	SSF x Far_LoA	-8,648	0,005	0,276
CHR2	12346025	CHR2:12346025	SSF x Far_LoA	-6,235	0,072	0,291
CHR2	12346100	CHR2:12346100	SSF x Far_LoA	-8,382	-0,032	0,304

CHR2	12346246	CHR2:12346246	SSF x Far_LoA	-11,498	0,004	0,302
CHR2	12349633	CHR2:12349633	SSF x Far_LoA	-11,293	0,019	0,279
CHR2	12367202	CHR2:12367202	SSF x Far_LoA	-12,469	-0,061	0,280
CHR2	12367203	CHR2:12367203	SSF x Far_LoA	-4,011	-0,131	0,307
CHR2	12367274	CHR2:12367274	SSF x Far_LoA	-10,212	-0,052	0,302
CHR2	12373734	CHR2:12373734	SSF x Far_LoA	-10,030	0,098	0,305
CHR2	12378165	CHR2:12378165	SSF x Far_LoA	-7,080	0,087	0,285
CHR2	12380729	CHR2:12380729	SSF x Far_LoA	-6,653	0,101	0,293
CHR2	12381017	CHR2:12381017	SSF x Far_LoA	-10,593	-0,066	0,292
CHR2	1238358	CHR2:1238358	SSF x Far_LoA	-9,375	-0,045	0,287
CHR2	1238363	CHR2:1238363	SSF x Far_LoA	-10,014	-0,084	0,286
CHR2	1238453	CHR2:1238453	SSF x Far_LoA	-9,759	0,012	0,288
CHR2	1238551	CHR2:1238551	SSF x Far_LoA	-9,222	0,015	0,302
CHR2	1238554	CHR2:1238554	SSF x Far_LoA	-8,389	-0,028	0,274
CHR2	12390850	CHR2:12390850	SSF x Far_LoA	-10,603	-0,047	0,291
CHR2	12390856	CHR2:12390856	SSF x Far_LoA	-7,412	0,116	0,299
CHR2	12391055	CHR2:12391055	SSF x Far_LoA	-7,805	-0,067	0,297
CHR2	12402449	CHR2:12402449	SSF x Far_LoA	-8,464	-0,026	0,296
CHR2	12402589	CHR2:12402589	SSF x Far_LoA	-9,249	0,114	0,273
CHR2	12402606	CHR2:12402606	SSF x Far_LoA	-7,780	-0,019	0,289
CHR2	12459801	CHR2:12459801	SSF x Far_LoA	-10,455	-0,015	0,285
CHR2	12507734	CHR2:12507734	SSF x Far_LoA	-7,014	0,090	0,304
CHR2	12507735	CHR2:12507735	SSF x Far_LoA	-8,621	0,113	0,303
CHR2	12507761	CHR2:12507761	SSF x Far_LoA	-5,713	-0,115	0,267
CHR2	12533935	CHR2:12533935	SSF x Far_LoA	-10,802	0,004	0,301
CHR2	12534024	CHR2:12534024	SSF x Far_LoA	-8,483	0,070	0,319
CHR2	12534049	CHR2:12534049	SSF x Far_LoA	-6,881	0,134	0,294
CHR2	12565269	CHR2:12565269	SSF x Far_LoA	-9,544	-0,049	0,279
CHR2	12565376	CHR2:12565376	SSF x Far_LoA	-11,431	0,082	0,282
CHR2	12575312	CHR2:12575312	SSF x Far_LoA	-8,302	-0,070	0,291
CHR2	12590241	CHR2:12590241	SSF x Far_LoA	-8,785	-0,017	0,300
CHR2	12590339	CHR2:12590339	SSF x Far_LoA	-10,912	0,079	0,300
CHR2	12590341	CHR2:12590341	SSF x Far_LoA	-10,456	0,091	0,293
CHR2	12597681	CHR2:12597681	SSF x Far_LoA	-11,070	0,115	0,293
CHR2	12597829	CHR2:12597829	SSF x Far_LoA	-9,213	0,090	0,288
CHR2	12598557	CHR2:12598557	SSF x Far_LoA	-10,844	0,040	0,283
CHR2	12598560	CHR2:12598560	SSF x Far_LoA	-9,884	-0,132	0,288
CHR2	12598567	CHR2:12598567	SSF x Far_LoA	-9,169	-0,029	0,290
CHR2	12598600	CHR2:12598600	SSF x Far_LoA	-9,600	-0,053	0,285
CHR2	12598626	CHR2:12598626	SSF x Far_LoA	-10,476	0,008	0,287
CHR2	12608993	CHR2:12608993	SSF x Far_LoA	-10,624	-0,119	0,277
CHR2	12609062	CHR2:12609062	SSF x Far_LoA	-9,552	-0,068	0,275
CHR2	12609099	CHR2:12609099	SSF x Far_LoA	-7,832	-0,099	0,283
CHR2	12609105	CHR2:12609105	SSF x Far_LoA	-0,631	-0,188	0,306
CHR2	12609148	CHR2:12609148	SSF x Far_LoA	-3,927	-0,146	0,292
CHR2	12635583	CHR2:12635583	SSF x Far_LoA	-6,022	0,090	0,285
CHR2	12641457	CHR2:12641457	SSF x Far_LoA	-10,001	-0,113	0,272
CHR2	12641520	CHR2:12641520	SSF x Far_LoA	-11,074	-0,122	0,293
CHR2	12642015	CHR2:12642015	SSF x Far_LoA	-9,421	0,020	0,296
CHR2	12642050	CHR2:12642050	SSF x Far_LoA	-8,061	-0,079	0,278
CHR2	12642154	CHR2:12642154	SSF x Far_LoA	-9,276	0,056	0,298
CHR2	1264767	CHR2:1264767	SSF x Far_LoA	-9,423	0,037	0,308
CHR2	12656233	CHR2:12656233	SSF x Far_LoA	-9,946	-0,001	0,294

CHR2	12656242	CHR2:12656242	SSF x Far_LoA	-6,772	-0,064	0,296
CHR2	12656255	CHR2:12656255	SSF x Far_LoA	-9,335	0,140	0,289
CHR2	12656262	CHR2:12656262	SSF x Far_LoA	-8,514	0,060	0,297
CHR2	12656287	CHR2:12656287	SSF x Far_LoA	-4,609	0,046	0,290
CHR2	12656307	CHR2:12656307	SSF x Far_LoA	-10,732	-0,051	0,287
CHR2	12656328	CHR2:12656328	SSF x Far_LoA	-10,745	0,007	0,297
CHR2	12656329	CHR2:12656329	SSF x Far_LoA	-10,669	0,006	0,292
CHR2	12656337	CHR2:12656337	SSF x Far_LoA	-4,693	-0,148	0,293
CHR2	12661606	CHR2:12661606	SSF x Far_LoA	-9,878	-0,069	0,285
CHR2	12661654	CHR2:12661654	SSF x Far_LoA	-9,416	-0,080	0,301
CHR2	12661793	CHR2:12661793	SSF x Far_LoA	-6,679	-0,021	0,302
CHR2	12705992	CHR2:12705992	SSF x Far_LoA	-8,497	-0,083	0,287
CHR2	12706021	CHR2:12706021	SSF x Far_LoA	-7,110	-0,047	0,295
CHR2	12706272	CHR2:12706272	SSF x Far_LoA	-8,243	-0,064	0,284
CHR2	12706387	CHR2:12706387	SSF x Far_LoA	-10,781	0,008	0,305
CHR2	12706405	CHR2:12706405	SSF x Far_LoA	-6,617	0,021	0,299
CHR2	12706421	CHR2:12706421	SSF x Far_LoA	-9,162	0,028	0,295
CHR2	12731600	CHR2:12731600	SSF x Far_LoA	-10,170	0,030	0,295
CHR2	12736663	CHR2:12736663	SSF x Far_LoA	-6,986	0,010	0,297
CHR2	12736719	CHR2:12736719	SSF x Far_LoA	-8,206	0,125	0,286
CHR2	12737059	CHR2:12737059	SSF x Far_LoA	-12,164	-0,003	0,284
CHR2	12737067	CHR2:12737067	SSF x Far_LoA	-5,855	0,079	0,295
CHR2	12799236	CHR2:12799236	SSF x Far_LoA	-9,770	-0,118	0,285
CHR2	12799311	CHR2:12799311	SSF x Far_LoA	-9,026	0,010	0,293
CHR2	12799329	CHR2:12799329	SSF x Far_LoA	-6,697	-0,128	0,277
CHR2	12799379	CHR2:12799379	SSF x Far_LoA	-6,889	-0,027	0,289
CHR2	12799486	CHR2:12799486	SSF x Far_LoA	-7,900	-0,050	0,281
CHR2	12801111	CHR2:12801111	SSF x Far_LoA	-8,148	0,146	0,294
CHR2	12809132	CHR2:12809132	SSF x Far_LoA	-7,395	0,010	0,312
CHR2	12809136	CHR2:12809136	SSF x Far_LoA	-9,508	0,005	0,304
CHR2	12809243	CHR2:12809243	SSF x Far_LoA	-8,592	-0,043	0,274
CHR2	12812536	CHR2:12812536	SSF x Far_LoA	-9,495	0,021	0,287
CHR2	12812598	CHR2:12812598	SSF x Far_LoA	-4,807	0,056	0,294
CHR2	12812599	CHR2:12812599	SSF x Far_LoA	-6,211	0,087	0,290
CHR2	12812600	CHR2:12812600	SSF x Far_LoA	-8,691	0,070	0,286
CHR2	12812687	CHR2:12812687	SSF x Far_LoA	-6,261	-0,123	0,278
CHR2	12812697	CHR2:12812697	SSF x Far_LoA	-10,307	0,040	0,285
CHR2	12814233	CHR2:12814233	SSF x Far_LoA	-8,918	-0,081	0,289
CHR2	12814317	CHR2:12814317	SSF x Far_LoA	-9,065	0,058	0,289
CHR2	12814339	CHR2:12814339	SSF x Far_LoA	-6,642	-0,183	0,304
CHR2	12819278	CHR2:12819278	SSF x Far_LoA	-10,738	-0,064	0,279
CHR2	12819342	CHR2:12819342	SSF x Far_LoA	-7,740	0,138	0,299
CHR2	12848549	CHR2:12848549	SSF x Far_LoA	-10,579	-0,033	0,295
CHR2	12851771	CHR2:12851771	SSF x Far_LoA	-10,621	0,038	0,296
CHR2	12852003	CHR2:12852003	SSF x Far_LoA	-9,614	0,025	0,294
CHR2	12865310	CHR2:12865310	SSF x Far_LoA	-10,869	-0,037	0,287
CHR2	12865418	CHR2:12865418	SSF x Far_LoA	-1,727	0,090	0,299
CHR2	12865448	CHR2:12865448	SSF x Far_LoA	-11,121	-0,043	0,290
CHR2	12865454	CHR2:12865454	SSF x Far_LoA	-10,534	-0,058	0,290
CHR2	12867700	CHR2:12867700	SSF x Far_LoA	-7,406	-0,157	0,279
CHR2	12872637	CHR2:12872637	SSF x Far_LoA	-9,048	-0,019	0,298
CHR2	12872664	CHR2:12872664	SSF x Far_LoA	-10,583	0,006	0,305
CHR2	12872848	CHR2:12872848	SSF x Far_LoA	-9,735	-0,036	0,290

CHR2	12875075	CHR2:12875075	SSF x Far_LoA	-4,519	0,199	0,275
CHR2	12876532	CHR2:12876532	SSF x Far_LoA	-9,441	0,161	0,283
CHR2	12876604	CHR2:12876604	SSF x Far_LoA	-7,672	0,103	0,292
CHR2	12925598	CHR2:12925598	SSF x Far_LoA	-10,101	0,008	0,285
CHR2	12925610	CHR2:12925610	SSF x Far_LoA	-8,474	0,017	0,282
CHR2	12925646	CHR2:12925646	SSF x Far_LoA	-4,772	-0,018	0,279
CHR2	12925647	CHR2:12925647	SSF x Far_LoA	-11,396	-0,020	0,268
CHR2	12925725	CHR2:12925725	SSF x Far_LoA	-10,053	-0,043	0,275
CHR2	12925733	CHR2:12925733	SSF x Far_LoA	-8,986	0,119	0,267
CHR2	12925747	CHR2:12925747	SSF x Far_LoA	-9,219	0,062	0,282
CHR2	12925976	CHR2:12925976	SSF x Far_LoA	-8,960	-0,086	0,279
CHR2	12942973	CHR2:12942973	SSF x Far_LoA	-7,998	0,037	0,299
CHR2	12943002	CHR2:12943002	SSF x Far_LoA	-10,689	-0,039	0,297
CHR2	12943134	CHR2:12943134	SSF x Far_LoA	-9,342	0,013	0,299
CHR2	12943288	CHR2:12943288	SSF x Far_LoA	-6,743	0,079	0,279
CHR2	12946927	CHR2:12946927	SSF x Far_LoA	-9,395	-0,036	0,283
CHR2	1295140	CHR2:1295140	SSF x Far_LoA	-9,850	0,014	0,291
CHR2	1295173	CHR2:1295173	SSF x Far_LoA	-10,229	-0,055	0,304
CHR2	1295327	CHR2:1295327	SSF x Far_LoA	-5,787	-0,104	0,306
CHR2	12953689	CHR2:12953689	SSF x Far_LoA	-5,756	0,169	0,271
CHR2	12953935	CHR2:12953935	SSF x Far_LoA	-10,913	-0,027	0,296
CHR2	1295475	CHR2:1295475	SSF x Far_LoA	-10,403	-0,008	0,283
CHR2	12985265	CHR2:12985265	SSF x Far_LoA	-10,828	0,106	0,288
CHR2	1300263	CHR2:1300263	SSF x Far_LoA	-8,001	-0,096	0,308
CHR2	1300341	CHR2:1300341	SSF x Far_LoA	-9,055	-0,017	0,302
CHR2	1300360	CHR2:1300360	SSF x Far_LoA	-9,529	-0,044	0,311
CHR2	1300385	CHR2:1300385	SSF x Far_LoA	-8,191	-0,032	0,307
CHR2	1300386	CHR2:1300386	SSF x Far_LoA	-8,524	0,053	0,306
CHR2	1300489	CHR2:1300489	SSF x Far_LoA	-7,904	-0,027	0,281
CHR2	1300536	CHR2:1300536	SSF x Far_LoA	-6,110	0,238	0,263
CHR2	13011303	CHR2:13011303	SSF x Far_LoA	-9,102	0,007	0,290
CHR2	13016993	CHR2:13016993	SSF x Far_LoA	-8,679	0,123	0,281
CHR2	13020806	CHR2:13020806	SSF x Far_LoA	-11,630	0,037	0,286
CHR2	13021733	CHR2:13021733	SSF x Far_LoA	-10,320	-0,133	0,285
CHR2	13050274	CHR2:13050274	SSF x Far_LoA	-7,123	0,029	0,296
CHR2	13050316	CHR2:13050316	SSF x Far_LoA	-9,890	-0,013	0,280
CHR2	13050346	CHR2:13050346	SSF x Far_LoA	-10,019	-0,022	0,300
CHR2	13052637	CHR2:13052637	SSF x Far_LoA	-8,013	-0,050	0,294
CHR2	13052661	CHR2:13052661	SSF x Far_LoA	-7,913	0,109	0,292
CHR2	13058969	CHR2:13058969	SSF x Far_LoA	-10,689	0,081	0,286
CHR2	13059119	CHR2:13059119	SSF x Far_LoA	-8,776	0,113	0,296
CHR2	13059141	CHR2:13059141	SSF x Far_LoA	-9,727	-0,002	0,283
CHR2	1307598	CHR2:1307598	SSF x Far_LoA	-3,165	0,095	0,294
CHR2	1307666	CHR2:1307666	SSF x Far_LoA	-8,886	-0,019	0,284
CHR2	13088307	CHR2:13088307	SSF x Far_LoA	-10,838	0,056	0,296
CHR2	13089951	CHR2:13089951	SSF x Far_LoA	-8,117	0,112	0,301
CHR2	13091140	CHR2:13091140	SSF x Far_LoA	-11,696	0,042	0,287
CHR2	13091325	CHR2:13091325	SSF x Far_LoA	-11,449	-0,048	0,295
CHR2	13098780	CHR2:13098780	SSF x Far_LoA	-11,271	0,050	0,272
CHR2	13098844	CHR2:13098844	SSF x Far_LoA	-11,628	0,034	0,300
CHR2	13098871	CHR2:13098871	SSF x Far_LoA	-7,204	0,003	0,295
CHR2	13112571	CHR2:13112571	SSF x Far_LoA	-11,373	-0,056	0,297
CHR2	13118257	CHR2:13118257	SSF x Far_LoA	-9,100	-0,097	0,296

CHR2	1311897	CHR2:1311897	SSF x Far_LoA	-8,054	0,112	0,290
CHR2	1311901	CHR2:1311901	SSF x Far_LoA	-4,960	0,122	0,287
CHR2	1311914	CHR2:1311914	SSF x Far_LoA	-6,213	0,117	0,291
CHR2	1311916	CHR2:1311916	SSF x Far_LoA	-8,531	0,115	0,282
CHR2	1311917	CHR2:1311917	SSF x Far_LoA	-8,944	0,116	0,283
CHR2	1311918	CHR2:1311918	SSF x Far_LoA	-8,803	0,121	0,294
CHR2	1311944	CHR2:1311944	SSF x Far_LoA	-8,535	0,107	0,286
CHR2	1311946	CHR2:1311946	SSF x Far_LoA	-10,516	0,173	0,275
CHR2	1311947	CHR2:1311947	SSF x Far_LoA	-8,954	0,109	0,292
CHR2	13119829	CHR2:13119829	SSF x Far_LoA	-9,507	-0,174	0,282
CHR2	13120066	CHR2:13120066	SSF x Far_LoA	-10,596	0,062	0,280
CHR2	1312009	CHR2:1312009	SSF x Far_LoA	-9,333	0,015	0,265
CHR2	1312011	CHR2:1312011	SSF x Far_LoA	-8,516	0,001	0,280
CHR2	1312018	CHR2:1312018	SSF x Far_LoA	-11,257	0,018	0,292
CHR2	13121555	CHR2:13121555	SSF x Far_LoA	-8,027	-0,047	0,281
CHR2	13123344	CHR2:13123344	SSF x Far_LoA	-5,949	0,095	0,293
CHR2	13133703	CHR2:13133703	SSF x Far_LoA	-10,213	0,005	0,284
CHR2	13133762	CHR2:13133762	SSF x Far_LoA	-6,688	-0,096	0,298
CHR2	13140428	CHR2:13140428	SSF x Far_LoA	-9,040	0,164	0,273
CHR2	13147536	CHR2:13147536	SSF x Far_LoA	-7,484	0,147	0,275
CHR2	13174235	CHR2:13174235	SSF x Far_LoA	-10,607	0,015	0,297
CHR2	13174240	CHR2:13174240	SSF x Far_LoA	-10,781	0,011	0,301
CHR2	13174288	CHR2:13174288	SSF x Far_LoA	-9,784	-0,048	0,279
CHR2	13175399	CHR2:13175399	SSF x Far_LoA	-10,720	-0,002	0,298
CHR2	13184924	CHR2:13184924	SSF x Far_LoA	-9,869	0,015	0,281
CHR2	13184925	CHR2:13184925	SSF x Far_LoA	-9,398	0,073	0,286
CHR2	13185039	CHR2:13185039	SSF x Far_LoA	-6,213	0,083	0,294
CHR2	13191018	CHR2:13191018	SSF x Far_LoA	-8,142	0,092	0,281
CHR2	13191059	CHR2:13191059	SSF x Far_LoA	-12,280	0,028	0,299
CHR2	13191159	CHR2:13191159	SSF x Far_LoA	-8,162	-0,019	0,294
CHR2	13203349	CHR2:13203349	SSF x Far_LoA	-8,031	0,098	0,293
CHR2	13203437	CHR2:13203437	SSF x Far_LoA	-9,083	-0,047	0,302
CHR2	13203488	CHR2:13203488	SSF x Far_LoA	-10,166	-0,052	0,299
CHR2	1320757	CHR2:1320757	SSF x Far_LoA	-9,511	-0,065	0,291
CHR2	13219224	CHR2:13219224	SSF x Far_LoA	9,645	0,093	0,300
CHR2	13219260	CHR2:13219260	SSF x Far_LoA	-10,463	-0,031	0,295
CHR2	13222521	CHR2:13222521	SSF x Far_LoA	-9,410	0,079	0,296
CHR2	13222656	CHR2:13222656	SSF x Far_LoA	-9,582	-0,041	0,291
CHR2	13238589	CHR2:13238589	SSF x Far_LoA	-8,062	-0,017	0,299
CHR2	13238615	CHR2:13238615	SSF x Far_LoA	-8,850	0,146	0,294
CHR2	13238719	CHR2:13238719	SSF x Far_LoA	-10,392	-0,018	0,288
CHR2	13238791	CHR2:13238791	SSF x Far_LoA	-10,161	-0,013	0,280
CHR2	13285105	CHR2:13285105	SSF x Far_LoA	-11,964	0,017	0,293
CHR2	13285131	CHR2:13285131	SSF x Far_LoA	-9,839	-0,008	0,294
CHR2	1328792	CHR2:1328792	SSF x Far_LoA	-10,032	0,180	0,299
CHR2	1328870	CHR2:1328870	SSF x Far_LoA	-7,160	0,182	0,296
CHR2	1328895	CHR2:1328895	SSF x Far_LoA	-11,009	0,153	0,288
CHR2	1329022	CHR2:1329022	SSF x Far_LoA	-5,916	-0,149	0,281
CHR2	13297638	CHR2:13297638	SSF x Far_LoA	-9,396	-0,009	0,290
CHR2	13297727	CHR2:13297727	SSF x Far_LoA	-7,426	-0,035	0,296
CHR2	13298658	CHR2:13298658	SSF x Far_LoA	-8,958	0,165	0,280
CHR2	13300968	CHR2:13300968	SSF x Far_LoA	-9,619	-0,043	0,285
CHR2	1330720	CHR2:1330720	SSF x Far_LoA	-7,888	-0,093	0,292

CHR2	1330774	CHR2:1330774	SSF x Far_LoA	-6,804	0,053	0,284
CHR2	1330903	CHR2:1330903	SSF x Far_LoA	-10,481	-0,075	0,308
CHR2	1330913	CHR2:1330913	SSF x Far_LoA	-8,384	0,036	0,294
CHR2	13311681	CHR2:13311681	SSF x Far_LoA	-10,380	0,091	0,296
CHR2	13332852	CHR2:13332852	SSF x Far_LoA	-9,119	0,052	0,292
CHR2	13333187	CHR2:13333187	SSF x Far_LoA	-5,950	-0,084	0,289
CHR2	13344809	CHR2:13344809	SSF x Far_LoA	-9,548	-0,043	0,304
CHR2	13344820	CHR2:13344820	SSF x Far_LoA	-8,415	0,071	0,307
CHR2	13345084	CHR2:13345084	SSF x Far_LoA	-10,224	-0,028	0,294
CHR2	13351806	CHR2:13351806	SSF x Far_LoA	-8,847	-0,027	0,302
CHR2	13359510	CHR2:13359510	SSF x Far_LoA	-4,766	-0,061	0,299
CHR2	13359533	CHR2:13359533	SSF x Far_LoA	-10,785	0,075	0,288
CHR2	13359549	CHR2:13359549	SSF x Far_LoA	-11,277	0,034	0,310
CHR2	13359595	CHR2:13359595	SSF x Far_LoA	-11,175	0,012	0,292
CHR2	13360680	CHR2:13360680	SSF x Far_LoA	-8,506	-0,019	0,316
CHR2	13360834	CHR2:13360834	SSF x Far_LoA	-7,884	-0,053	0,288
CHR2	13360868	CHR2:13360868	SSF x Far_LoA	-8,966	-0,072	0,298
CHR2	13373891	CHR2:13373891	SSF x Far_LoA	-11,053	0,020	0,282
CHR2	13374129	CHR2:13374129	SSF x Far_LoA	-8,369	0,090	0,292
CHR2	13386245	CHR2:13386245	SSF x Far_LoA	-10,888	-0,038	0,294
CHR2	13398800	CHR2:13398800	SSF x Far_LoA	3,638	0,136	0,277
CHR2	13398882	CHR2:13398882	SSF x Far_LoA	-8,139	0,045	0,300
CHR2	13399029	CHR2:13399029	SSF x Far_LoA	-10,049	0,031	0,310
CHR2	13399042	CHR2:13399042	SSF x Far_LoA	-10,843	0,068	0,290
CHR2	13399114	CHR2:13399114	SSF x Far_LoA	-7,898	-0,032	0,288
CHR2	13418479	CHR2:13418479	SSF x Far_LoA	-8,551	-0,133	0,296
CHR2	13431660	CHR2:13431660	SSF x Far_LoA	-10,261	0,055	0,281
CHR2	13434049	CHR2:13434049	SSF x Far_LoA	-7,747	0,054	0,283
CHR2	13452871	CHR2:13452871	SSF x Far_LoA	-11,201	0,098	0,290
CHR2	13452975	CHR2:13452975	SSF x Far_LoA	-9,351	0,074	0,290
CHR2	13453038	CHR2:13453038	SSF x Far_LoA	-11,747	0,080	0,289
CHR2	13453080	CHR2:13453080	SSF x Far_LoA	-9,189	-0,007	0,286
CHR2	13453779	CHR2:13453779	SSF x Far_LoA	-12,138	-0,028	0,283
CHR2	13453991	CHR2:13453991	SSF x Far_LoA	-7,337	0,062	0,304
CHR2	13453994	CHR2:13453994	SSF x Far_LoA	-11,093	-0,065	0,278
CHR2	13454007	CHR2:13454007	SSF x Far_LoA	-10,095	0,013	0,277
CHR2	13454054	CHR2:13454054	SSF x Far_LoA	-7,045	0,025	0,289
CHR2	13463417	CHR2:13463417	SSF x Far_LoA	-8,655	-0,030	0,287
CHR2	13464364	CHR2:13464364	SSF x Far_LoA	-8,361	0,106	0,280
CHR2	13464411	CHR2:13464411	SSF x Far_LoA	-9,823	-0,055	0,292
CHR2	13464511	CHR2:13464511	SSF x Far_LoA	-7,859	0,120	0,271
CHR2	13464585	CHR2:13464585	SSF x Far_LoA	-6,613	0,166	0,269
CHR2	13464680	CHR2:13464680	SSF x Far_LoA	-11,152	0,096	0,278
CHR2	13473545	CHR2:13473545	SSF x Far_LoA	-6,932	-0,115	0,281
CHR2	13473562	CHR2:13473562	SSF x Far_LoA	-4,210	-0,174	0,278
CHR2	13473639	CHR2:13473639	SSF x Far_LoA	-10,652	0,028	0,291
CHR2	13473695	CHR2:13473695	SSF x Far_LoA	-8,939	-0,060	0,296
CHR2	13473969	CHR2:13473969	SSF x Far_LoA	-12,129	-0,016	0,296
CHR2	13484353	CHR2:13484353	SSF x Far_LoA	-9,198	0,014	0,280
CHR2	13548039	CHR2:13548039	SSF x Far_LoA	-9,058	0,159	0,291
CHR2	13548125	CHR2:13548125	SSF x Far_LoA	-9,523	-0,064	0,287
CHR2	13548130	CHR2:13548130	SSF x Far_LoA	-8,793	-0,027	0,299
CHR2	13548142	CHR2:13548142	SSF x Far_LoA	-8,911	-0,081	0,280

CHR2	13548207	CHR2:13548207	SSF x Far_LoA	-11,411	-0,099	0,284
CHR2	13548214	CHR2:13548214	SSF x Far_LoA	-2,856	-0,094	0,307
CHR2	13551121	CHR2:13551121	SSF x Far_LoA	-9,815	-0,074	0,293
CHR2	13551187	CHR2:13551187	SSF x Far_LoA	-8,609	0,108	0,289
CHR2	13551247	CHR2:13551247	SSF x Far_LoA	-8,864	0,032	0,278
CHR2	13568114	CHR2:13568114	SSF x Far_LoA	-8,497	0,086	0,289
CHR2	13576488	CHR2:13576488	SSF x Far_LoA	-10,620	0,046	0,281
CHR2	13576551	CHR2:13576551	SSF x Far_LoA	-12,017	0,037	0,286
CHR2	13577777	CHR2:13577777	SSF x Far_LoA	-10,872	-0,085	0,276
CHR2	13577992	CHR2:13577992	SSF x Far_LoA	-8,500	-0,017	0,283
CHR2	1359276	CHR2:1359276	SSF x Far_LoA	-2,925	-0,161	0,287
CHR2	1359335	CHR2:1359335	SSF x Far_LoA	-11,714	0,045	0,279
CHR2	13607012	CHR2:13607012	SSF x Far_LoA	-10,336	-0,039	0,284
CHR2	13607342	CHR2:13607342	SSF x Far_LoA	-10,449	0,003	0,309
CHR2	13607461	CHR2:13607461	SSF x Far_LoA	-10,760	-0,066	0,286
CHR2	13607462	CHR2:13607462	SSF x Far_LoA	-10,944	0,074	0,304
CHR2	13607464	CHR2:13607464	SSF x Far_LoA	-7,612	-0,036	0,313
CHR2	13607469	CHR2:13607469	SSF x Far_LoA	-8,115	0,046	0,305
CHR2	13613706	CHR2:13613706	SSF x Far_LoA	-10,031	-0,018	0,284
CHR2	13613733	CHR2:13613733	SSF x Far_LoA	-8,750	-0,020	0,291
CHR2	13615297	CHR2:13615297	SSF x Far_LoA	-8,155	0,000	0,293
CHR2	13615334	CHR2:13615334	SSF x Far_LoA	-9,687	0,060	0,276
CHR2	13615340	CHR2:13615340	SSF x Far_LoA	-8,031	-0,006	0,292
CHR2	13615409	CHR2:13615409	SSF x Far_LoA	-7,499	0,021	0,293
CHR2	13632796	CHR2:13632796	SSF x Far_LoA	-10,421	-0,014	0,298
CHR2	13657109	CHR2:13657109	SSF x Far_LoA	-10,744	-0,072	0,297
CHR2	13657126	CHR2:13657126	SSF x Far_LoA	-10,588	-0,050	0,288
CHR2	13657148	CHR2:13657148	SSF x Far_LoA	-10,723	0,037	0,297
CHR2	13657342	CHR2:13657342	SSF x Far_LoA	-9,830	-0,051	0,280
CHR2	13665205	CHR2:13665205	SSF x Far_LoA	-10,872	0,014	0,304
CHR2	13665221	CHR2:13665221	SSF x Far_LoA	-9,767	0,027	0,276
CHR2	13673911	CHR2:13673911	SSF x Far_LoA	-9,055	-0,019	0,302
CHR2	13678442	CHR2:13678442	SSF x Far_LoA	-8,848	0,073	0,295
CHR2	13678468	CHR2:13678468	SSF x Far_LoA	-11,998	0,032	0,285
CHR2	13678503	CHR2:13678503	SSF x Far_LoA	-10,258	-0,049	0,283
CHR2	13678515	CHR2:13678515	SSF x Far_LoA	-9,822	0,025	0,279
CHR2	13678661	CHR2:13678661	SSF x Far_LoA	-10,578	0,036	0,294
CHR2	13678767	CHR2:13678767	SSF x Far_LoA	-8,532	0,086	0,288
CHR2	13678775	CHR2:13678775	SSF x Far_LoA	-8,617	-0,143	0,281
CHR2	13678827	CHR2:13678827	SSF x Far_LoA	-9,880	0,052	0,283
CHR2	13678847	CHR2:13678847	SSF x Far_LoA	-9,233	-0,079	0,304
CHR2	13702065	CHR2:13702065	SSF x Far_LoA	-10,006	-0,005	0,286
CHR2	13702116	CHR2:13702116	SSF x Far_LoA	-9,205	0,026	0,280
CHR2	13702138	CHR2:13702138	SSF x Far_LoA	-10,762	0,047	0,278
CHR2	13703989	CHR2:13703989	SSF x Far_LoA	-7,382	0,022	0,288
CHR2	13707441	CHR2:13707441	SSF x Far_LoA	-12,022	0,027	0,274
CHR2	13707462	CHR2:13707462	SSF x Far_LoA	-6,426	0,122	0,287
CHR2	13707537	CHR2:13707537	SSF x Far_LoA	-7,193	-0,084	0,291
CHR2	13707572	CHR2:13707572	SSF x Far_LoA	-7,937	-0,004	0,286
CHR2	13707597	CHR2:13707597	SSF x Far_LoA	-8,145	0,067	0,295
CHR2	13707607	CHR2:13707607	SSF x Far_LoA	-6,121	-0,110	0,283
CHR2	13717237	CHR2:13717237	SSF x Far_LoA	-6,403	0,045	0,296
CHR2	13717250	CHR2:13717250	SSF x Far_LoA	-11,191	-0,082	0,299

CHR2	13717252	CHR2:13717252	SSF x Far_LoA	-8,865	0,050	0,306
CHR2	13717271	CHR2:13717271	SSF x Far_LoA	-11,038	0,046	0,275
CHR2	13723640	CHR2:13723640	SSF x Far_LoA	-11,257	-0,003	0,287
CHR2	13723749	CHR2:13723749	SSF x Far_LoA	-8,740	0,020	0,301
CHR2	13747242	CHR2:13747242	SSF x Far_LoA	-5,610	0,032	0,293
CHR2	13747247	CHR2:13747247	SSF x Far_LoA	-8,767	0,015	0,297
CHR2	13779888	CHR2:13779888	SSF x Far_LoA	-6,768	0,069	0,278
CHR2	13779976	CHR2:13779976	SSF x Far_LoA	-10,242	0,118	0,287
CHR2	13792535	CHR2:13792535	SSF x Far_LoA	-10,307	-0,033	0,292
CHR2	13802624	CHR2:13802624	SSF x Far_LoA	-7,792	-0,033	0,283
CHR2	13805423	CHR2:13805423	SSF x Far_LoA	-8,204	0,141	0,292
CHR2	13805439	CHR2:13805439	SSF x Far_LoA	-8,004	0,024	0,296
CHR2	13805657	CHR2:13805657	SSF x Far_LoA	-8,584	-0,050	0,272
CHR2	13805880	CHR2:13805880	SSF x Far_LoA	-8,443	-0,055	0,311
CHR2	13817170	CHR2:13817170	SSF x Far_LoA	-9,145	-0,014	0,304
CHR2	13818438	CHR2:13818438	SSF x Far_LoA	-11,491	0,006	0,280
CHR2	13821266	CHR2:13821266	SSF x Far_LoA	-11,477	0,033	0,296
CHR2	13821295	CHR2:13821295	SSF x Far_LoA	-8,016	0,102	0,279
CHR2	13844333	CHR2:13844333	SSF x Far_LoA	-10,356	0,067	0,288
CHR2	13878008	CHR2:13878008	SSF x Far_LoA	-8,584	-0,097	0,278
CHR2	13904484	CHR2:13904484	SSF x Far_LoA	-12,555	0,039	0,285
CHR2	13908890	CHR2:13908890	SSF x Far_LoA	-11,402	0,042	0,282
CHR2	13908934	CHR2:13908934	SSF x Far_LoA	-11,682	0,019	0,297
CHR2	13909232	CHR2:13909232	SSF x Far_LoA	-9,358	-0,069	0,300
CHR2	13946011	CHR2:13946011	SSF x Far_LoA	-11,006	0,051	0,289
CHR2	13957095	CHR2:13957095	SSF x Far_LoA	-10,475	-0,078	0,294
CHR2	13957114	CHR2:13957114	SSF x Far_LoA	-9,790	0,080	0,277
CHR2	13957126	CHR2:13957126	SSF x Far_LoA	-1,329	-0,098	0,293
CHR2	13957311	CHR2:13957311	SSF x Far_LoA	-9,036	0,032	0,300
CHR2	13957327	CHR2:13957327	SSF x Far_LoA	-11,777	-0,039	0,290
CHR2	13957331	CHR2:13957331	SSF x Far_LoA	-10,365	-0,042	0,291
CHR2	13957366	CHR2:13957366	SSF x Far_LoA	-9,623	0,112	0,288
CHR2	13975176	CHR2:13975176	SSF x Far_LoA	-5,325	0,202	0,286
CHR2	13975178	CHR2:13975178	SSF x Far_LoA	-8,543	0,197	0,280
CHR2	13983286	CHR2:13983286	SSF x Far_LoA	-8,417	-0,080	0,293
CHR2	13983353	CHR2:13983353	SSF x Far_LoA	-10,193	0,000	0,285
CHR2	13985786	CHR2:13985786	SSF x Far_LoA	-11,874	0,039	0,289
CHR2	13985985	CHR2:13985985	SSF x Far_LoA	-9,854	-0,011	0,284
CHR2	13986003	CHR2:13986003	SSF x Far_LoA	-11,666	0,025	0,287
CHR2	13986063	CHR2:13986063	SSF x Far_LoA	-4,835	-0,032	0,268
CHR2	13988606	CHR2:13988606	SSF x Far_LoA	-10,807	-0,070	0,281
CHR2	13991766	CHR2:13991766	SSF x Far_LoA	-7,104	-0,086	0,291
CHR2	13991786	CHR2:13991786	SSF x Far_LoA	-9,001	0,021	0,293
CHR2	14001353	CHR2:14001353	SSF x Far_LoA	-7,971	0,163	0,283
CHR2	14001454	CHR2:14001454	SSF x Far_LoA	-8,528	-0,044	0,285
CHR2	14002782	CHR2:14002782	SSF x Far_LoA	-10,487	-0,072	0,297
CHR2	14002916	CHR2:14002916	SSF x Far_LoA	-4,690	-0,071	0,281
CHR2	1400739	CHR2:1400739	SSF x Far_LoA	-4,386	-0,173	0,304
CHR2	1400746	CHR2:1400746	SSF x Far_LoA	-10,150	0,099	0,277
CHR2	1400834	CHR2:1400834	SSF x Far_LoA	-9,540	-0,073	0,285
CHR2	14033445	CHR2:14033445	SSF x Far_LoA	-4,447	0,089	0,306
CHR2	14034679	CHR2:14034679	SSF x Far_LoA	-8,188	0,020	0,291
CHR2	14034707	CHR2:14034707	SSF x Far_LoA	-3,826	-0,014	0,303

CHR2	14034816	CHR2:14034816	SSF x Far_LoA	-11,348	-0,051	0,297
CHR2	14038915	CHR2:14038915	SSF x Far_LoA	-8,937	-0,044	0,297
CHR2	1404422	CHR2:1404422	SSF x Far_LoA	-6,604	-0,110	0,294
CHR2	1404492	CHR2:1404492	SSF x Far_LoA	-3,449	0,035	0,289
CHR2	14048170	CHR2:14048170	SSF x Far_LoA	-11,000	0,065	0,286
CHR2	14048200	CHR2:14048200	SSF x Far_LoA	-9,175	0,026	0,292
CHR2	14048230	CHR2:14048230	SSF x Far_LoA	-10,114	0,105	0,298
CHR2	14048268	CHR2:14048268	SSF x Far_LoA	-11,665	0,055	0,295
CHR2	14048389	CHR2:14048389	SSF x Far_LoA	-9,458	0,078	0,298
CHR2	14059464	CHR2:14059464	SSF x Far_LoA	-9,394	-0,124	0,285
CHR2	14059475	CHR2:14059475	SSF x Far_LoA	-10,179	-0,059	0,290
CHR2	14082318	CHR2:14082318	SSF x Far_LoA	-6,218	0,149	0,278
CHR2	14091630	CHR2:14091630	SSF x Far_LoA	-10,914	-0,015	0,295
CHR2	14091705	CHR2:14091705	SSF x Far_LoA	-9,449	0,017	0,299
CHR2	14091730	CHR2:14091730	SSF x Far_LoA	-10,868	-0,054	0,291
CHR2	14094813	CHR2:14094813	SSF x Far_LoA	-6,643	0,036	0,285
CHR2	1411172	CHR2:1411172	SSF x Far_LoA	-11,275	0,005	0,284
CHR2	1411240	CHR2:1411240	SSF x Far_LoA	-9,270	0,094	0,284
CHR2	1411248	CHR2:1411248	SSF x Far_LoA	-7,510	-0,155	0,273
CHR2	14115122	CHR2:14115122	SSF x Far_LoA	-10,706	-0,048	0,290
CHR2	14115175	CHR2:14115175	SSF x Far_LoA	-8,769	0,076	0,294
CHR2	14115246	CHR2:14115246	SSF x Far_LoA	-10,837	0,056	0,301
CHR2	14115262	CHR2:14115262	SSF x Far_LoA	-4,102	0,080	0,303
CHR2	14120959	CHR2:14120959	SSF x Far_LoA	-9,725	0,053	0,296
CHR2	14129511	CHR2:14129511	SSF x Far_LoA	-1,496	-0,114	0,297
CHR2	14129531	CHR2:14129531	SSF x Far_LoA	-8,332	-0,090	0,275
CHR2	14129543	CHR2:14129543	SSF x Far_LoA	-8,267	-0,098	0,282
CHR2	14135086	CHR2:14135086	SSF x Far_LoA	-8,823	-0,081	0,286
CHR2	14135245	CHR2:14135245	SSF x Far_LoA	-11,022	-0,031	0,293
CHR2	14156928	CHR2:14156928	SSF x Far_LoA	-9,672	0,005	0,298
CHR2	14156984	CHR2:14156984	SSF x Far_LoA	-10,471	0,037	0,297
CHR2	14157013	CHR2:14157013	SSF x Far_LoA	-9,453	-0,069	0,297
CHR2	14157022	CHR2:14157022	SSF x Far_LoA	-9,708	-0,039	0,289
CHR2	14157056	CHR2:14157056	SSF x Far_LoA	-8,059	-0,041	0,295
CHR2	14157214	CHR2:14157214	SSF x Far_LoA	-8,643	-0,073	0,299
CHR2	14157222	CHR2:14157222	SSF x Far_LoA	-10,350	0,101	0,300
CHR2	14173894	CHR2:14173894	SSF x Far_LoA	-10,135	0,021	0,293
CHR2	14183298	CHR2:14183298	SSF x Far_LoA	2,939	0,129	0,295
CHR2	14183511	CHR2:14183511	SSF x Far_LoA	-10,902	-0,066	0,281
CHR2	14183583	CHR2:14183583	SSF x Far_LoA	-8,850	0,051	0,299
CHR2	14183683	CHR2:14183683	SSF x Far_LoA	-10,058	-0,053	0,290
CHR2	1419789	CHR2:1419789	SSF x Far_LoA	-8,120	0,036	0,275
CHR2	1419820	CHR2:1419820	SSF x Far_LoA	-9,268	0,142	0,282
CHR2	1419857	CHR2:1419857	SSF x Far_LoA	-8,419	0,066	0,293
CHR2	1419874	CHR2:1419874	SSF x Far_LoA	-4,619	-0,182	0,287
CHR2	1419876	CHR2:1419876	SSF x Far_LoA	-9,028	0,167	0,294
CHR2	1419913	CHR2:1419913	SSF x Far_LoA	-4,749	0,189	0,292
CHR2	14199170	CHR2:14199170	SSF x Far_LoA	-4,974	-0,070	0,296
CHR2	14199222	CHR2:14199222	SSF x Far_LoA	-7,513	0,213	0,274
CHR2	14199279	CHR2:14199279	SSF x Far_LoA	-8,444	-0,073	0,279
CHR2	14199286	CHR2:14199286	SSF x Far_LoA	-8,079	-0,039	0,288
CHR2	1419929	CHR2:1419929	SSF x Far_LoA	-8,013	-0,104	0,289
CHR2	1420225	CHR2:1420225	SSF x Far_LoA	-10,658	0,077	0,293

CHR2	14204115	CHR2:14204115	SSF x Far_LoA	-7,177	-0,082	0,291
CHR2	14204194	CHR2:14204194	SSF x Far_LoA	-8,239	0,149	0,289
CHR2	14204227	CHR2:14204227	SSF x Far_LoA	-8,940	-0,126	0,292
CHR2	14204283	CHR2:14204283	SSF x Far_LoA	-8,506	0,066	0,290
CHR2	14204288	CHR2:14204288	SSF x Far_LoA	-6,989	0,075	0,290
CHR2	14204299	CHR2:14204299	SSF x Far_LoA	-8,341	0,106	0,278
CHR2	14209384	CHR2:14209384	SSF x Far_LoA	-11,001	-0,039	0,279
CHR2	14209508	CHR2:14209508	SSF x Far_LoA	-10,500	-0,028	0,309
CHR2	14233949	CHR2:14233949	SSF x Far_LoA	-8,383	0,111	0,295
CHR2	14233987	CHR2:14233987	SSF x Far_LoA	-6,173	0,129	0,305
CHR2	14234043	CHR2:14234043	SSF x Far_LoA	2,564	-0,020	0,284
CHR2	14258509	CHR2:14258509	SSF x Far_LoA	-8,229	-0,104	0,281
CHR2	14258559	CHR2:14258559	SSF x Far_LoA	-9,105	0,037	0,264
CHR2	14258574	CHR2:14258574	SSF x Far_LoA	-8,777	0,016	0,282
CHR2	14258683	CHR2:14258683	SSF x Far_LoA	-10,695	-0,037	0,289
CHR2	14262224	CHR2:14262224	SSF x Far_LoA	-10,517	0,032	0,281
CHR2	14264941	CHR2:14264941	SSF x Far_LoA	-6,805	-0,140	0,285
CHR2	14265056	CHR2:14265056	SSF x Far_LoA	-9,596	-0,098	0,294
CHR2	14265086	CHR2:14265086	SSF x Far_LoA	-9,457	-0,101	0,302
CHR2	14285742	CHR2:14285742	SSF x Far_LoA	-9,764	-0,042	0,294
CHR2	14285850	CHR2:14285850	SSF x Far_LoA	-9,930	-0,091	0,273
CHR2	14285898	CHR2:14285898	SSF x Far_LoA	-6,640	-0,120	0,288
CHR2	14285903	CHR2:14285903	SSF x Far_LoA	-8,024	-0,128	0,289
CHR2	14285904	CHR2:14285904	SSF x Far_LoA	-4,842	-0,106	0,289
CHR2	14285913	CHR2:14285913	SSF x Far_LoA	-7,503	-0,107	0,292
CHR2	14285914	CHR2:14285914	SSF x Far_LoA	-5,135	-0,130	0,281
CHR2	14285924	CHR2:14285924	SSF x Far_LoA	-7,003	-0,124	0,300
CHR2	14285954	CHR2:14285954	SSF x Far_LoA	-8,516	-0,089	0,293
CHR2	14287691	CHR2:14287691	SSF x Far_LoA	-10,025	0,021	0,285
CHR2	14289041	CHR2:14289041	SSF x Far_LoA	-5,672	0,013	0,287
CHR2	14289105	CHR2:14289105	SSF x Far_LoA	-10,113	0,079	0,288
CHR2	14289153	CHR2:14289153	SSF x Far_LoA	-9,404	0,036	0,261
CHR2	14301171	CHR2:14301171	SSF x Far_LoA	-8,205	0,054	0,314
CHR2	14318981	CHR2:14318981	SSF x Far_LoA	-7,460	0,028	0,281
CHR2	14334844	CHR2:14334844	SSF x Far_LoA	-9,754	-0,055	0,289
CHR2	14334845	CHR2:14334845	SSF x Far_LoA	-9,537	-0,063	0,295
CHR2	14334856	CHR2:14334856	SSF x Far_LoA	-8,465	-0,081	0,286
CHR2	14344130	CHR2:14344130	SSF x Far_LoA	-7,912	0,112	0,300
CHR2	14344257	CHR2:14344257	SSF x Far_LoA	-8,976	-0,030	0,301
CHR2	14347415	CHR2:14347415	SSF x Far_LoA	-9,085	-0,034	0,288
CHR2	14347594	CHR2:14347594	SSF x Far_LoA	-10,257	0,009	0,286
CHR2	14347664	CHR2:14347664	SSF x Far_LoA	-8,162	-0,039	0,296
CHR2	14347743	CHR2:14347743	SSF x Far_LoA	-8,909	0,128	0,290
CHR2	14366440	CHR2:14366440	SSF x Far_LoA	-10,576	0,005	0,290
CHR2	14372184	CHR2:14372184	SSF x Far_LoA	-9,359	0,072	0,281
CHR2	14372218	CHR2:14372218	SSF x Far_LoA	-11,890	0,022	0,292
CHR2	14372311	CHR2:14372311	SSF x Far_LoA	-11,581	0,008	0,293
CHR2	14372366	CHR2:14372366	SSF x Far_LoA	-10,861	-0,031	0,295
CHR2	14372382	CHR2:14372382	SSF x Far_LoA	-10,615	-0,056	0,300
CHR2	14390524	CHR2:14390524	SSF x Far_LoA	-9,449	0,039	0,296
CHR2	14390615	CHR2:14390615	SSF x Far_LoA	-8,475	0,057	0,294
CHR2	14395954	CHR2:14395954	SSF x Far_LoA	-6,994	0,171	0,287
CHR2	14396722	CHR2:14396722	SSF x Far_LoA	-8,481	0,051	0,294

CHR2	14401497	CHR2:14401497	SSF x Far_LoA	-2,139	-0,073	0,298
CHR2	14401685	CHR2:14401685	SSF x Far_LoA	-9,550	-0,104	0,291
CHR2	14401710	CHR2:14401710	SSF x Far_LoA	-9,646	0,069	0,301
CHR2	14401913	CHR2:14401913	SSF x Far_LoA	-9,203	-0,025	0,283
CHR2	14407209	CHR2:14407209	SSF x Far_LoA	-10,464	-0,057	0,285
CHR2	14407508	CHR2:14407508	SSF x Far_LoA	-7,400	-0,057	0,274
CHR2	14407576	CHR2:14407576	SSF x Far_LoA	-7,073	0,124	0,289
CHR2	14441801	CHR2:14441801	SSF x Far_LoA	-7,690	0,110	0,282
CHR2	14441826	CHR2:14441826	SSF x Far_LoA	-9,005	0,027	0,284
CHR2	14441905	CHR2:14441905	SSF x Far_LoA	-11,289	-0,025	0,281
CHR2	14441932	CHR2:14441932	SSF x Far_LoA	-8,719	-0,048	0,294
CHR2	14442063	CHR2:14442063	SSF x Far_LoA	-10,451	0,066	0,286
CHR2	14442180	CHR2:14442180	SSF x Far_LoA	-6,878	-0,040	0,274
CHR2	14452455	CHR2:14452455	SSF x Far_LoA	-5,093	0,168	0,292
CHR2	14452456	CHR2:14452456	SSF x Far_LoA	-8,533	0,143	0,294
CHR2	14452465	CHR2:14452465	SSF x Far_LoA	-5,896	0,205	0,282
CHR2	14452645	CHR2:14452645	SSF x Far_LoA	-8,269	-0,081	0,295
CHR2	14458830	CHR2:14458830	SSF x Far_LoA	-10,858	-0,055	0,288
CHR2	14458881	CHR2:14458881	SSF x Far_LoA	-10,380	0,055	0,291
CHR2	14459556	CHR2:14459556	SSF x Far_LoA	-9,123	0,088	0,300
CHR2	14467809	CHR2:14467809	SSF x Far_LoA	-11,901	-0,012	0,298
CHR2	14470925	CHR2:14470925	SSF x Far_LoA	-7,847	-0,074	0,314
CHR2	14473048	CHR2:14473048	SSF x Far_LoA	-10,778	0,007	0,281
CHR2	14512356	CHR2:14512356	SSF x Far_LoA	-6,406	0,163	0,304
CHR2	14512380	CHR2:14512380	SSF x Far_LoA	-8,991	-0,027	0,288
CHR2	14535259	CHR2:14535259	SSF x Far_LoA	-10,403	0,038	0,302
CHR2	14547421	CHR2:14547421	SSF x Far_LoA	-11,167	-0,064	0,293
CHR2	14547454	CHR2:14547454	SSF x Far_LoA	-11,410	-0,047	0,300
CHR2	14547458	CHR2:14547458	SSF x Far_LoA	-8,116	-0,032	0,306
CHR2	14551691	CHR2:14551691	SSF x Far_LoA	0,120	0,166	0,285
CHR2	14552393	CHR2:14552393	SSF x Far_LoA	-9,156	-0,054	0,296
CHR2	1457362	CHR2:1457362	SSF x Far_LoA	-11,073	0,041	0,285
CHR2	1457422	CHR2:1457422	SSF x Far_LoA	8,486	0,232	0,273
CHR2	1457450	CHR2:1457450	SSF x Far_LoA	-3,253	-0,143	0,297
CHR2	1457452	CHR2:1457452	SSF x Far_LoA	0,623	-0,164	0,283
CHR2	1457455	CHR2:1457455	SSF x Far_LoA	-5,633	-0,200	0,293
CHR2	1457457	CHR2:1457457	SSF x Far_LoA	-6,723	-0,192	0,285
CHR2	1457460	CHR2:1457460	SSF x Far_LoA	-5,986	-0,152	0,296
CHR2	14587598	CHR2:14587598	SSF x Far_LoA	-11,414	-0,082	0,277
CHR2	1460299	CHR2:1460299	SSF x Far_LoA	-9,149	0,017	0,293
CHR2	1460303	CHR2:1460303	SSF x Far_LoA	-8,941	0,039	0,276
CHR2	1460345	CHR2:1460345	SSF x Far_LoA	-9,327	-0,026	0,274
CHR2	1460351	CHR2:1460351	SSF x Far_LoA	-7,908	0,139	0,277
CHR2	14653415	CHR2:14653415	SSF x Far_LoA	-9,490	0,065	0,287
CHR2	14653587	CHR2:14653587	SSF x Far_LoA	-9,172	0,036	0,286
CHR2	14657417	CHR2:14657417	SSF x Far_LoA	-9,219	-0,041	0,292
CHR2	14659653	CHR2:14659653	SSF x Far_LoA	-8,967	-0,058	0,287
CHR2	14659722	CHR2:14659722	SSF x Far_LoA	-8,547	0,101	0,277
CHR2	14659755	CHR2:14659755	SSF x Far_LoA	-12,122	-0,022	0,285
CHR2	14659821	CHR2:14659821	SSF x Far_LoA	-8,197	-0,034	0,293
CHR2	14659854	CHR2:14659854	SSF x Far_LoA	-8,088	-0,030	0,288
CHR2	14682751	CHR2:14682751	SSF x Far_LoA	-9,500	0,060	0,282
CHR2	1470139	CHR2:1470139	SSF x Far_LoA	-12,703	-0,038	0,284

CHR2	1470543	CHR2:1470543	SSF x Far_LoA	-10,828	-0,069	0,276
CHR2	14716111	CHR2:14716111	SSF x Far_LoA	-9,143	-0,044	0,304
CHR2	14718421	CHR2:14718421	SSF x Far_LoA	-7,353	0,084	0,288
CHR2	14718432	CHR2:14718432	SSF x Far_LoA	-9,163	0,007	0,281
CHR2	14718490	CHR2:14718490	SSF x Far_LoA	-8,019	-0,069	0,294
CHR2	14718520	CHR2:14718520	SSF x Far_LoA	-9,037	0,043	0,299
CHR2	14718557	CHR2:14718557	SSF x Far_LoA	-1,427	0,029	0,297
CHR2	14718558	CHR2:14718558	SSF x Far_LoA	-10,523	0,095	0,295
CHR2	14733342	CHR2:14733342	SSF x Far_LoA	-6,352	0,156	0,287
CHR2	14733362	CHR2:14733362	SSF x Far_LoA	-8,082	-0,128	0,288
CHR2	14733379	CHR2:14733379	SSF x Far_LoA	-7,832	0,080	0,295
CHR2	14733475	CHR2:14733475	SSF x Far_LoA	-10,505	-0,009	0,285
CHR2	14733501	CHR2:14733501	SSF x Far_LoA	-8,551	-0,019	0,290
CHR2	14733502	CHR2:14733502	SSF x Far_LoA	-11,911	0,002	0,282
CHR2	14753104	CHR2:14753104	SSF x Far_LoA	-5,341	0,102	0,308
CHR2	14754370	CHR2:14754370	SSF x Far_LoA	-11,366	0,049	0,281
CHR2	14754480	CHR2:14754480	SSF x Far_LoA	-9,024	-0,051	0,294
CHR2	14756292	CHR2:14756292	SSF x Far_LoA	-10,456	-0,084	0,283
CHR2	14768679	CHR2:14768679	SSF x Far_LoA	-9,740	-0,095	0,306
CHR2	14768729	CHR2:14768729	SSF x Far_LoA	-7,907	-0,046	0,288
CHR2	14768731	CHR2:14768731	SSF x Far_LoA	-9,919	0,041	0,286
CHR2	14768761	CHR2:14768761	SSF x Far_LoA	-4,422	0,048	0,301
CHR2	14768802	CHR2:14768802	SSF x Far_LoA	-12,037	-0,060	0,296
CHR2	14769019	CHR2:14769019	SSF x Far_LoA	-10,148	0,017	0,292
CHR2	14780995	CHR2:14780995	SSF x Far_LoA	-8,045	0,003	0,283
CHR2	14781135	CHR2:14781135	SSF x Far_LoA	-9,835	-0,057	0,274
CHR2	14784711	CHR2:14784711	SSF x Far_LoA	-9,071	-0,085	0,295
CHR2	14784717	CHR2:14784717	SSF x Far_LoA	-11,267	-0,065	0,277
CHR2	14801774	CHR2:14801774	SSF x Far_LoA	-8,390	0,124	0,286
CHR2	14801874	CHR2:14801874	SSF x Far_LoA	-8,429	-0,079	0,283
CHR2	14812194	CHR2:14812194	SSF x Far_LoA	-10,096	-0,126	0,287
CHR2	14812297	CHR2:14812297	SSF x Far_LoA	-6,209	-0,238	0,293
CHR2	14812307	CHR2:14812307	SSF x Far_LoA	-5,284	-0,047	0,280
CHR2	14818998	CHR2:14818998	SSF x Far_LoA	-8,187	0,073	0,292
CHR2	14823482	CHR2:14823482	SSF x Far_LoA	-9,471	-0,060	0,285
CHR2	14827547	CHR2:14827547	SSF x Far_LoA	-8,574	0,154	0,293
CHR2	14827554	CHR2:14827554	SSF x Far_LoA	-10,792	0,008	0,283
CHR2	14840400	CHR2:14840400	SSF x Far_LoA	-11,247	-0,112	0,284
CHR2	14840412	CHR2:14840412	SSF x Far_LoA	-7,668	0,069	0,299
CHR2	14840429	CHR2:14840429	SSF x Far_LoA	-8,520	0,038	0,284
CHR2	14840459	CHR2:14840459	SSF x Far_LoA	-7,184	0,026	0,302
CHR2	14840468	CHR2:14840468	SSF x Far_LoA	-7,200	0,015	0,292
CHR2	14840507	CHR2:14840507	SSF x Far_LoA	-8,828	-0,001	0,281
CHR2	14840681	CHR2:14840681	SSF x Far_LoA	-8,430	-0,006	0,285
CHR2	14840741	CHR2:14840741	SSF x Far_LoA	-9,149	0,006	0,295
CHR2	14840756	CHR2:14840756	SSF x Far_LoA	-9,065	0,000	0,294
CHR2	14840816	CHR2:14840816	SSF x Far_LoA	-8,921	0,024	0,302
CHR2	1484345	CHR2:1484345	SSF x Far_LoA	-10,839	0,090	0,266
CHR2	1484527	CHR2:1484527	SSF x Far_LoA	-11,317	-0,042	0,287
CHR2	1484568	CHR2:1484568	SSF x Far_LoA	-10,874	-0,012	0,280
CHR2	1484667	CHR2:1484667	SSF x Far_LoA	-8,581	0,060	0,294
CHR2	14855245	CHR2:14855245	SSF x Far_LoA	-10,933	-0,081	0,292
CHR2	14855377	CHR2:14855377	SSF x Far_LoA	-10,516	-0,021	0,287

CHR2	14855389	CHR2:14855389	SSF x Far_LoA	-11,545	-0,010	0,298
CHR2	14861126	CHR2:14861126	SSF x Far_LoA	-10,055	-0,033	0,297
CHR2	14861138	CHR2:14861138	SSF x Far_LoA	-10,009	-0,005	0,284
CHR2	14861308	CHR2:14861308	SSF x Far_LoA	-7,655	0,006	0,306
CHR2	14861457	CHR2:14861457	SSF x Far_LoA	-8,126	-0,006	0,287
CHR2	14872062	CHR2:14872062	SSF x Far_LoA	-10,727	-0,084	0,288
CHR2	14872073	CHR2:14872073	SSF x Far_LoA	-7,783	0,101	0,294
CHR2	14872094	CHR2:14872094	SSF x Far_LoA	-9,740	0,044	0,281
CHR2	14872203	CHR2:14872203	SSF x Far_LoA	-8,019	0,108	0,289
CHR2	14872308	CHR2:14872308	SSF x Far_LoA	-2,611	0,128	0,296
CHR2	14872324	CHR2:14872324	SSF x Far_LoA	-10,195	-0,045	0,292
CHR2	14872360	CHR2:14872360	SSF x Far_LoA	-10,560	0,102	0,281
CHR2	14878415	CHR2:14878415	SSF x Far_LoA	-11,115	-0,119	0,273
CHR2	14878434	CHR2:14878434	SSF x Far_LoA	-8,001	-0,078	0,298
CHR2	14878521	CHR2:14878521	SSF x Far_LoA	-10,709	0,069	0,286
CHR2	14878526	CHR2:14878526	SSF x Far_LoA	-9,660	0,062	0,288
CHR2	14921401	CHR2:14921401	SSF x Far_LoA	-7,228	0,091	0,302
CHR2	14921431	CHR2:14921431	SSF x Far_LoA	-10,080	-0,017	0,297
CHR2	14939219	CHR2:14939219	SSF x Far_LoA	-12,169	0,055	0,290
CHR2	14939237	CHR2:14939237	SSF x Far_LoA	-8,630	0,046	0,281
CHR2	14939314	CHR2:14939314	SSF x Far_LoA	-7,715	-0,028	0,296
CHR2	14941969	CHR2:14941969	SSF x Far_LoA	-9,230	-0,072	0,298
CHR2	14942069	CHR2:14942069	SSF x Far_LoA	-9,407	-0,064	0,276
CHR2	14942244	CHR2:14942244	SSF x Far_LoA	-8,464	-0,044	0,289
CHR2	14954367	CHR2:14954367	SSF x Far_LoA	-10,041	-0,035	0,288
CHR2	14954428	CHR2:14954428	SSF x Far_LoA	-5,615	0,085	0,293
CHR2	14954448	CHR2:14954448	SSF x Far_LoA	-7,924	-0,154	0,278
CHR2	14961722	CHR2:14961722	SSF x Far_LoA	-6,871	-0,008	0,301
CHR2	1496696	CHR2:1496696	SSF x Far_LoA	-9,824	-0,056	0,290
CHR2	1496879	CHR2:1496879	SSF x Far_LoA	-9,915	0,001	0,295
CHR2	14970666	CHR2:14970666	SSF x Far_LoA	-8,875	-0,052	0,280
CHR2	14970694	CHR2:14970694	SSF x Far_LoA	-11,043	-0,049	0,281
CHR2	14970870	CHR2:14970870	SSF x Far_LoA	-8,973	0,107	0,299
CHR2	14976552	CHR2:14976552	SSF x Far_LoA	-10,238	0,029	0,297
CHR2	14976553	CHR2:14976553	SSF x Far_LoA	-7,557	0,053	0,297
CHR2	14976704	CHR2:14976704	SSF x Far_LoA	-9,780	0,086	0,285
CHR2	15005392	CHR2:15005392	SSF x Far_LoA	-9,283	-0,084	0,288
CHR2	1502051	CHR2:1502051	SSF x Far_LoA	-10,976	-0,015	0,292
CHR2	15046934	CHR2:15046934	SSF x Far_LoA	-9,302	0,112	0,285
CHR2	15047169	CHR2:15047169	SSF x Far_LoA	-4,891	-0,110	0,293
CHR2	15055208	CHR2:15055208	SSF x Far_LoA	-9,772	-0,005	0,299
CHR2	15055252	CHR2:15055252	SSF x Far_LoA	-9,763	0,004	0,304
CHR2	15055261	CHR2:15055261	SSF x Far_LoA	-8,272	0,054	0,297
CHR2	15055270	CHR2:15055270	SSF x Far_LoA	-8,660	-0,024	0,292
CHR2	15055330	CHR2:15055330	SSF x Far_LoA	-10,233	0,055	0,283
CHR2	15055519	CHR2:15055519	SSF x Far_LoA	-10,787	-0,114	0,295
CHR2	15069655	CHR2:15069655	SSF x Far_LoA	-4,868	0,054	0,304
CHR2	15071846	CHR2:15071846	SSF x Far_LoA	-7,012	-0,087	0,294
CHR2	15082803	CHR2:15082803	SSF x Far_LoA	-9,402	0,003	0,286
CHR2	15095646	CHR2:15095646	SSF x Far_LoA	-9,770	0,094	0,295
CHR2	15095697	CHR2:15095697	SSF x Far_LoA	-9,721	-0,053	0,289
CHR2	15095732	CHR2:15095732	SSF x Far_LoA	-9,086	-0,071	0,307
CHR2	15095858	CHR2:15095858	SSF x Far_LoA	-11,578	-0,032	0,289

CHR2	15111374	CHR2:15111374	SSF x Far_LoA	2,541	-0,140	0,288
CHR2	15111441	CHR2:15111441	SSF x Far_LoA	-8,733	-0,006	0,295
CHR2	15115137	CHR2:15115137	SSF x Far_LoA	-10,794	-0,011	0,294
CHR2	15115138	CHR2:15115138	SSF x Far_LoA	-5,469	0,134	0,290
CHR2	15115167	CHR2:15115167	SSF x Far_LoA	-10,846	0,019	0,300
CHR2	15115168	CHR2:15115168	SSF x Far_LoA	-10,432	-0,151	0,293
CHR2	15115209	CHR2:15115209	SSF x Far_LoA	-11,666	0,012	0,297
CHR2	15115217	CHR2:15115217	SSF x Far_LoA	-7,788	-0,138	0,279
CHR2	15115263	CHR2:15115263	SSF x Far_LoA	-10,851	-0,047	0,283
CHR2	15128939	CHR2:15128939	SSF x Far_LoA	-7,848	0,147	0,293
CHR2	15132293	CHR2:15132293	SSF x Far_LoA	-7,338	-0,005	0,287
CHR2	15133834	CHR2:15133834	SSF x Far_LoA	-11,408	0,019	0,281
CHR2	15133891	CHR2:15133891	SSF x Far_LoA	-8,402	-0,029	0,287
CHR2	15133939	CHR2:15133939	SSF x Far_LoA	-10,489	0,004	0,302
CHR2	15134219	CHR2:15134219	SSF x Far_LoA	-10,765	-0,045	0,294
CHR2	15142621	CHR2:15142621	SSF x Far_LoA	-9,323	-0,126	0,282
CHR2	15142658	CHR2:15142658	SSF x Far_LoA	-6,023	-0,125	0,283
CHR2	15146741	CHR2:15146741	SSF x Far_LoA	-8,678	0,084	0,301
CHR2	15146752	CHR2:15146752	SSF x Far_LoA	-10,035	0,077	0,287
CHR2	15146764	CHR2:15146764	SSF x Far_LoA	-10,091	0,005	0,292
CHR2	15149368	CHR2:15149368	SSF x Far_LoA	-8,676	0,000	0,294
CHR2	15159496	CHR2:15159496	SSF x Far_LoA	-10,811	0,063	0,280
CHR2	15172288	CHR2:15172288	SSF x Far_LoA	-9,483	0,023	0,303
CHR2	15172377	CHR2:15172377	SSF x Far_LoA	-9,328	0,023	0,283
CHR2	15172409	CHR2:15172409	SSF x Far_LoA	-7,941	-0,049	0,301
CHR2	15172411	CHR2:15172411	SSF x Far_LoA	-7,929	-0,070	0,303
CHR2	15172420	CHR2:15172420	SSF x Far_LoA	-10,638	-0,088	0,291
CHR2	15208569	CHR2:15208569	SSF x Far_LoA	-3,171	-0,156	0,288
CHR2	15208609	CHR2:15208609	SSF x Far_LoA	-8,070	-0,076	0,284
CHR2	15210638	CHR2:15210638	SSF x Far_LoA	-7,559	0,095	0,290
CHR2	15222483	CHR2:15222483	SSF x Far_LoA	-9,002	0,003	0,296
CHR2	15225608	CHR2:15225608	SSF x Far_LoA	-8,958	0,142	0,281
CHR2	15225757	CHR2:15225757	SSF x Far_LoA	-10,162	0,095	0,276
CHR2	15225768	CHR2:15225768	SSF x Far_LoA	-7,257	0,152	0,280
CHR2	1523746	CHR2:1523746	SSF x Far_LoA	-10,537	0,085	0,291
CHR2	1523805	CHR2:1523805	SSF x Far_LoA	-11,087	-0,093	0,282
CHR2	1523823	CHR2:1523823	SSF x Far_LoA	-10,098	0,004	0,306
CHR2	15240959	CHR2:15240959	SSF x Far_LoA	-9,414	0,065	0,296
CHR2	15243373	CHR2:15243373	SSF x Far_LoA	-10,720	-0,085	0,279
CHR2	15243382	CHR2:15243382	SSF x Far_LoA	-10,831	-0,080	0,291
CHR2	15243394	CHR2:15243394	SSF x Far_LoA	-8,395	-0,039	0,292
CHR2	15243395	CHR2:15243395	SSF x Far_LoA	-7,940	-0,037	0,270
CHR2	15243437	CHR2:15243437	SSF x Far_LoA	-10,988	0,074	0,292
CHR2	15244835	CHR2:15244835	SSF x Far_LoA	-4,253	-0,215	0,265
CHR2	15252097	CHR2:15252097	SSF x Far_LoA	-10,027	-0,077	0,289
CHR2	15252129	CHR2:15252129	SSF x Far_LoA	-10,279	-0,070	0,289
CHR2	15252211	CHR2:15252211	SSF x Far_LoA	-10,730	-0,047	0,299
CHR2	15253068	CHR2:15253068	SSF x Far_LoA	-8,252	-0,095	0,288
CHR2	1525308	CHR2:1525308	SSF x Far_LoA	-4,253	0,217	0,293
CHR2	15253164	CHR2:15253164	SSF x Far_LoA	-9,936	0,070	0,299
CHR2	15267225	CHR2:15267225	SSF x Far_LoA	-6,297	0,191	0,283
CHR2	15267267	CHR2:15267267	SSF x Far_LoA	-8,906	0,057	0,285
CHR2	15270140	CHR2:15270140	SSF x Far_LoA	-9,517	-0,113	0,309

CHR2	15270159	CHR2:15270159	SSF x Far_LoA	-9,412	0,046	0,286
CHR2	15270205	CHR2:15270205	SSF x Far_LoA	-8,407	0,087	0,274
CHR2	15272514	CHR2:15272514	SSF x Far_LoA	-6,595	-0,109	0,292
CHR2	15272584	CHR2:15272584	SSF x Far_LoA	-10,404	-0,024	0,305
CHR2	15272600	CHR2:15272600	SSF x Far_LoA	-8,726	0,042	0,318
CHR2	15289155	CHR2:15289155	SSF x Far_LoA	-8,175	-0,118	0,284
CHR2	15289208	CHR2:15289208	SSF x Far_LoA	-10,762	0,101	0,289
CHR2	15289256	CHR2:15289256	SSF x Far_LoA	-10,596	-0,052	0,306
CHR2	15289265	CHR2:15289265	SSF x Far_LoA	-10,022	0,048	0,280
CHR2	15295730	CHR2:15295730	SSF x Far_LoA	-9,506	-0,013	0,292
CHR2	15295741	CHR2:15295741	SSF x Far_LoA	-12,425	-0,014	0,288
CHR2	15295747	CHR2:15295747	SSF x Far_LoA	-8,192	-0,029	0,307
CHR2	15295755	CHR2:15295755	SSF x Far_LoA	-8,882	-0,031	0,286
CHR2	15295797	CHR2:15295797	SSF x Far_LoA	-8,849	0,042	0,297
CHR2	15295911	CHR2:15295911	SSF x Far_LoA	-9,717	-0,033	0,302
CHR2	15304426	CHR2:15304426	SSF x Far_LoA	-8,913	0,054	0,292
CHR2	15304504	CHR2:15304504	SSF x Far_LoA	-5,083	-0,150	0,293
CHR2	15304505	CHR2:15304505	SSF x Far_LoA	0,387	0,064	0,282
CHR2	15315090	CHR2:15315090	SSF x Far_LoA	-11,235	-0,034	0,286
CHR2	15315144	CHR2:15315144	SSF x Far_LoA	-8,838	0,056	0,267
CHR2	15315148	CHR2:15315148	SSF x Far_LoA	-9,211	0,068	0,257
CHR2	15315199	CHR2:15315199	SSF x Far_LoA	-12,609	-0,022	0,286
CHR2	15315332	CHR2:15315332	SSF x Far_LoA	-7,890	-0,029	0,270
CHR2	15315450	CHR2:15315450	SSF x Far_LoA	-6,716	0,084	0,288
CHR2	15323922	CHR2:15323922	SSF x Far_LoA	-10,572	-0,006	0,299
CHR2	15324056	CHR2:15324056	SSF x Far_LoA	-11,339	-0,036	0,288
CHR2	15325130	CHR2:15325130	SSF x Far_LoA	-10,054	0,025	0,304
CHR2	15325182	CHR2:15325182	SSF x Far_LoA	-7,713	0,120	0,286
CHR2	15325200	CHR2:15325200	SSF x Far_LoA	-8,185	0,127	0,287
CHR2	15325215	CHR2:15325215	SSF x Far_LoA	-5,474	0,063	0,284
CHR2	15329622	CHR2:15329622	SSF x Far_LoA	-11,786	-0,059	0,277
CHR2	15329681	CHR2:15329681	SSF x Far_LoA	-8,384	-0,061	0,293
CHR2	1532982	CHR2:1532982	SSF x Far_LoA	-9,127	0,082	0,268
CHR2	15330685	CHR2:15330685	SSF x Far_LoA	-7,731	-0,111	0,285
CHR2	15330772	CHR2:15330772	SSF x Far_LoA	-8,826	-0,011	0,294
CHR2	1533125	CHR2:1533125	SSF x Far_LoA	-7,349	0,060	0,286
CHR2	1533129	CHR2:1533129	SSF x Far_LoA	-8,675	0,084	0,301
CHR2	1533141	CHR2:1533141	SSF x Far_LoA	-8,757	-0,010	0,295
CHR2	15332204	CHR2:15332204	SSF x Far_LoA	-10,066	0,007	0,277
CHR2	15332211	CHR2:15332211	SSF x Far_LoA	-10,038	-0,017	0,281
CHR2	15332234	CHR2:15332234	SSF x Far_LoA	-11,517	-0,120	0,287
CHR2	15332411	CHR2:15332411	SSF x Far_LoA	-11,017	0,037	0,290
CHR2	15332518	CHR2:15332518	SSF x Far_LoA	-9,464	0,003	0,295
CHR2	15335411	CHR2:15335411	SSF x Far_LoA	-9,117	0,042	0,280
CHR2	15335451	CHR2:15335451	SSF x Far_LoA	-7,623	0,087	0,292
CHR2	15343761	CHR2:15343761	SSF x Far_LoA	-0,507	0,070	0,290
CHR2	15343834	CHR2:15343834	SSF x Far_LoA	-10,946	0,072	0,290
CHR2	15350250	CHR2:15350250	SSF x Far_LoA	-5,920	0,171	0,280
CHR2	15350312	CHR2:15350312	SSF x Far_LoA	-9,745	-0,008	0,293
CHR2	15358627	CHR2:15358627	SSF x Far_LoA	-11,537	-0,051	0,286
CHR2	15358659	CHR2:15358659	SSF x Far_LoA	-9,062	-0,031	0,287
CHR2	15366102	CHR2:15366102	SSF x Far_LoA	-11,434	0,011	0,305
CHR2	15368068	CHR2:15368068	SSF x Far_LoA	-10,768	-0,012	0,297

CHR2	15368130	CHR2:15368130	SSF x Far_LoA	-11,285	-0,076	0,286
CHR2	15368258	CHR2:15368258	SSF x Far_LoA	-7,793	-0,093	0,283
CHR2	15368361	CHR2:15368361	SSF x Far_LoA	-7,981	0,202	0,281
CHR2	15384300	CHR2:15384300	SSF x Far_LoA	-10,299	0,023	0,285
CHR2	15392035	CHR2:15392035	SSF x Far_LoA	-7,798	-0,114	0,287
CHR2	15392053	CHR2:15392053	SSF x Far_LoA	-10,728	0,054	0,289
CHR2	15392075	CHR2:15392075	SSF x Far_LoA	-9,847	-0,009	0,306
CHR2	15392309	CHR2:15392309	SSF x Far_LoA	-8,214	-0,057	0,297
CHR2	15392378	CHR2:15392378	SSF x Far_LoA	-11,216	-0,040	0,294
CHR2	15392475	CHR2:15392475	SSF x Far_LoA	-10,244	0,010	0,283
CHR2	15413363	CHR2:15413363	SSF x Far_LoA	-9,782	-0,085	0,302
CHR2	15433315	CHR2:15433315	SSF x Far_LoA	-3,222	-0,116	0,286
CHR2	15433428	CHR2:15433428	SSF x Far_LoA	-8,790	-0,077	0,300
CHR2	15439653	CHR2:15439653	SSF x Far_LoA	-10,325	0,007	0,286
CHR2	15439684	CHR2:15439684	SSF x Far_LoA	-9,440	0,053	0,299
CHR2	15439788	CHR2:15439788	SSF x Far_LoA	-10,831	0,115	0,295
CHR2	15445139	CHR2:15445139	SSF x Far_LoA	-8,900	-0,111	0,287
CHR2	15449923	CHR2:15449923	SSF x Far_LoA	-9,700	0,002	0,277
CHR2	15449927	CHR2:15449927	SSF x Far_LoA	-8,947	0,010	0,291
CHR2	15457254	CHR2:15457254	SSF x Far_LoA	-8,447	0,032	0,292
CHR2	15457423	CHR2:15457423	SSF x Far_LoA	-11,433	0,021	0,300
CHR2	15464201	CHR2:15464201	SSF x Far_LoA	-8,792	0,030	0,300
CHR2	15464222	CHR2:15464222	SSF x Far_LoA	-9,801	0,057	0,289
CHR2	15464224	CHR2:15464224	SSF x Far_LoA	-9,872	-0,074	0,276
CHR2	15464288	CHR2:15464288	SSF x Far_LoA	-6,716	-0,021	0,301
CHR2	15464336	CHR2:15464336	SSF x Far_LoA	-9,145	0,089	0,299
CHR2	15476695	CHR2:15476695	SSF x Far_LoA	-10,634	0,042	0,292
CHR2	15491089	CHR2:15491089	SSF x Far_LoA	-8,281	-0,161	0,288
CHR2	15491296	CHR2:15491296	SSF x Far_LoA	-8,744	-0,054	0,301
CHR2	15508368	CHR2:15508368	SSF x Far_LoA	-11,017	-0,054	0,304
CHR2	15514108	CHR2:15514108	SSF x Far_LoA	-9,867	0,038	0,279
CHR2	15518168	CHR2:15518168	SSF x Far_LoA	-10,057	-0,033	0,288
CHR2	15526229	CHR2:15526229	SSF x Far_LoA	-7,915	0,016	0,293
CHR2	15526315	CHR2:15526315	SSF x Far_LoA	-9,821	0,066	0,304
CHR2	15526339	CHR2:15526339	SSF x Far_LoA	-8,943	-0,024	0,282
CHR2	15545746	CHR2:15545746	SSF x Far_LoA	-8,395	0,030	0,286
CHR2	15545852	CHR2:15545852	SSF x Far_LoA	-10,044	-0,004	0,283
CHR2	15549342	CHR2:15549342	SSF x Far_LoA	-11,071	-0,004	0,295
CHR2	15549348	CHR2:15549348	SSF x Far_LoA	-9,880	-0,008	0,301
CHR2	15549429	CHR2:15549429	SSF x Far_LoA	-11,960	-0,019	0,295
CHR2	15549518	CHR2:15549518	SSF x Far_LoA	-12,040	-0,007	0,289
CHR2	15549579	CHR2:15549579	SSF x Far_LoA	-10,913	0,059	0,296
CHR2	15549612	CHR2:15549612	SSF x Far_LoA	-9,365	-0,062	0,295
CHR2	15551005	CHR2:15551005	SSF x Far_LoA	-10,705	0,062	0,287
CHR2	15561158	CHR2:15561158	SSF x Far_LoA	-12,143	0,005	0,285
CHR2	15561315	CHR2:15561315	SSF x Far_LoA	-7,171	0,111	0,290
CHR2	15561361	CHR2:15561361	SSF x Far_LoA	-9,943	-0,047	0,293
CHR2	15568567	CHR2:15568567	SSF x Far_LoA	-9,521	0,025	0,286
CHR2	15575245	CHR2:15575245	SSF x Far_LoA	-11,292	0,069	0,280
CHR2	15584690	CHR2:15584690	SSF x Far_LoA	-8,704	0,071	0,283
CHR2	15595354	CHR2:15595354	SSF x Far_LoA	-9,758	0,088	0,286
CHR2	15595599	CHR2:15595599	SSF x Far_LoA	-7,858	0,000	0,300
CHR2	15595710	CHR2:15595710	SSF x Far_LoA	-11,664	-0,006	0,292

CHR2	15596661	CHR2:15596661	SSF x Far_LoA	-8,674	-0,075	0,302
CHR2	15596674	CHR2:15596674	SSF x Far_LoA	-12,138	0,049	0,294
CHR2	15596679	CHR2:15596679	SSF x Far_LoA	-11,594	0,019	0,283
CHR2	15596689	CHR2:15596689	SSF x Far_LoA	-7,504	-0,174	0,290
CHR2	15596783	CHR2:15596783	SSF x Far_LoA	-9,273	0,158	0,293
CHR2	15596791	CHR2:15596791	SSF x Far_LoA	-11,575	0,029	0,293
CHR2	15596794	CHR2:15596794	SSF x Far_LoA	-9,247	0,033	0,304
CHR2	15596856	CHR2:15596856	SSF x Far_LoA	-10,618	0,033	0,280
CHR2	1559722	CHR2:1559722	SSF x Far_LoA	-11,764	0,035	0,277
CHR2	1559842	CHR2:1559842	SSF x Far_LoA	-11,107	0,054	0,286
CHR2	1559862	CHR2:1559862	SSF x Far_LoA	-9,881	0,010	0,286
CHR2	1559959	CHR2:1559959	SSF x Far_LoA	-8,725	-0,087	0,301
CHR2	15600559	CHR2:15600559	SSF x Far_LoA	-11,123	-0,042	0,298
CHR2	15603160	CHR2:15603160	SSF x Far_LoA	-8,356	-0,032	0,305
CHR2	15603163	CHR2:15603163	SSF x Far_LoA	-7,853	-0,105	0,288
CHR2	15603169	CHR2:15603169	SSF x Far_LoA	-10,718	-0,021	0,287
CHR2	15603174	CHR2:15603174	SSF x Far_LoA	-4,433	-0,053	0,294
CHR2	15619092	CHR2:15619092	SSF x Far_LoA	-10,212	-0,004	0,282
CHR2	15619279	CHR2:15619279	SSF x Far_LoA	-10,542	0,064	0,283
CHR2	15632259	CHR2:15632259	SSF x Far_LoA	-6,603	0,085	0,281
CHR2	15632277	CHR2:15632277	SSF x Far_LoA	-8,645	0,034	0,296
CHR2	15632362	CHR2:15632362	SSF x Far_LoA	-10,816	-0,014	0,308
CHR2	15632387	CHR2:15632387	SSF x Far_LoA	-9,549	-0,002	0,291
CHR2	15641371	CHR2:15641371	SSF x Far_LoA	-9,120	-0,097	0,271
CHR2	15652172	CHR2:15652172	SSF x Far_LoA	-10,033	-0,055	0,291
CHR2	15667546	CHR2:15667546	SSF x Far_LoA	-8,148	-0,028	0,288
CHR2	15696792	CHR2:15696792	SSF x Far_LoA	-7,203	-0,080	0,287
CHR2	15696805	CHR2:15696805	SSF x Far_LoA	-2,210	0,030	0,297
CHR2	15696889	CHR2:15696889	SSF x Far_LoA	-6,218	0,172	0,273
CHR2	15700488	CHR2:15700488	SSF x Far_LoA	-8,804	0,014	0,293
CHR2	15700640	CHR2:15700640	SSF x Far_LoA	-8,879	-0,063	0,298
CHR2	15714685	CHR2:15714685	SSF x Far_LoA	-10,442	-0,061	0,304
CHR2	15714695	CHR2:15714695	SSF x Far_LoA	-7,618	0,074	0,285
CHR2	15714737	CHR2:15714737	SSF x Far_LoA	-9,886	0,052	0,292
CHR2	15714740	CHR2:15714740	SSF x Far_LoA	-11,038	0,035	0,292
CHR2	15714805	CHR2:15714805	SSF x Far_LoA	-10,474	0,016	0,280
CHR2	15743354	CHR2:15743354	SSF x Far_LoA	-9,661	-0,019	0,292
CHR2	15743358	CHR2:15743358	SSF x Far_LoA	-6,869	0,094	0,301
CHR2	15743410	CHR2:15743410	SSF x Far_LoA	-4,247	0,213	0,257
CHR2	15744503	CHR2:15744503	SSF x Far_LoA	-9,501	-0,019	0,298
CHR2	15744587	CHR2:15744587	SSF x Far_LoA	-6,927	0,135	0,287
CHR2	15747812	CHR2:15747812	SSF x Far_LoA	-8,579	0,071	0,266
CHR2	15747816	CHR2:15747816	SSF x Far_LoA	-9,674	-0,082	0,292
CHR2	15759378	CHR2:15759378	SSF x Far_LoA	-7,678	0,123	0,275
CHR2	15759390	CHR2:15759390	SSF x Far_LoA	-6,455	-0,084	0,296
CHR2	15759449	CHR2:15759449	SSF x Far_LoA	0,871	-0,150	0,279
CHR2	15759542	CHR2:15759542	SSF x Far_LoA	-10,552	0,039	0,286
CHR2	15762097	CHR2:15762097	SSF x Far_LoA	-9,874	0,070	0,279
CHR2	15768662	CHR2:15768662	SSF x Far_LoA	-3,428	-0,172	0,308
CHR2	15768694	CHR2:15768694	SSF x Far_LoA	-10,489	0,040	0,301
CHR2	15768695	CHR2:15768695	SSF x Far_LoA	-8,889	0,087	0,291
CHR2	15768706	CHR2:15768706	SSF x Far_LoA	-7,126	-0,076	0,296
CHR2	15768729	CHR2:15768729	SSF x Far_LoA	-7,877	0,119	0,278

CHR2	15768738	CHR2:15768738	SSF x Far_LoA	-7,479	0,049	0,298
CHR2	15768744	CHR2:15768744	SSF x Far_LoA	-8,154	0,076	0,308
CHR2	15771554	CHR2:15771554	SSF x Far_LoA	-8,977	-0,062	0,297
CHR2	15772270	CHR2:15772270	SSF x Far_LoA	-10,795	-0,077	0,287
CHR2	15772361	CHR2:15772361	SSF x Far_LoA	-9,889	-0,059	0,285
CHR2	15793071	CHR2:15793071	SSF x Far_LoA	-7,157	-0,008	0,295
CHR2	15801019	CHR2:15801019	SSF x Far_LoA	-10,085	0,009	0,297
CHR2	1580909	CHR2:1580909	SSF x Far_LoA	-5,175	0,118	0,294
CHR2	15810262	CHR2:15810262	SSF x Far_LoA	-9,170	0,058	0,290
CHR2	15810287	CHR2:15810287	SSF x Far_LoA	-9,842	-0,011	0,282
CHR2	15810405	CHR2:15810405	SSF x Far_LoA	-8,100	0,125	0,259
CHR2	1581057	CHR2:1581057	SSF x Far_LoA	-11,473	-0,005	0,286
CHR2	15816762	CHR2:15816762	SSF x Far_LoA	-10,929	0,022	0,283
CHR2	15816782	CHR2:15816782	SSF x Far_LoA	-10,310	0,030	0,285
CHR2	15816804	CHR2:15816804	SSF x Far_LoA	-4,171	-0,095	0,277
CHR2	15816821	CHR2:15816821	SSF x Far_LoA	-9,867	-0,043	0,289
CHR2	15820769	CHR2:15820769	SSF x Far_LoA	-8,645	0,042	0,287
CHR2	15820801	CHR2:15820801	SSF x Far_LoA	-8,887	0,051	0,286
CHR2	15829829	CHR2:15829829	SSF x Far_LoA	-8,975	-0,091	0,301
CHR2	15829844	CHR2:15829844	SSF x Far_LoA	-9,370	0,140	0,290
CHR2	15829852	CHR2:15829852	SSF x Far_LoA	-9,007	-0,036	0,293
CHR2	15829899	CHR2:15829899	SSF x Far_LoA	-9,648	-0,086	0,298
CHR2	15829905	CHR2:15829905	SSF x Far_LoA	-7,349	0,145	0,300
CHR2	15829986	CHR2:15829986	SSF x Far_LoA	-10,775	-0,058	0,297
CHR2	15830067	CHR2:15830067	SSF x Far_LoA	-8,280	-0,113	0,303
CHR2	15830151	CHR2:15830151	SSF x Far_LoA	-9,319	-0,071	0,280
CHR2	15830155	CHR2:15830155	SSF x Far_LoA	-3,844	0,139	0,294
CHR2	15830160	CHR2:15830160	SSF x Far_LoA	-6,814	-0,099	0,299
CHR2	15832921	CHR2:15832921	SSF x Far_LoA	-7,404	0,109	0,282
CHR2	15832936	CHR2:15832936	SSF x Far_LoA	-8,712	-0,034	0,296
CHR2	15832957	CHR2:15832957	SSF x Far_LoA	-10,541	0,111	0,282
CHR2	15833029	CHR2:15833029	SSF x Far_LoA	-10,135	0,121	0,293
CHR2	15833077	CHR2:15833077	SSF x Far_LoA	-12,524	0,100	0,277
CHR2	15837075	CHR2:15837075	SSF x Far_LoA	-9,914	0,052	0,278
CHR2	15839720	CHR2:15839720	SSF x Far_LoA	-9,609	-0,019	0,298
CHR2	15841176	CHR2:15841176	SSF x Far_LoA	-8,015	-0,032	0,279
CHR2	15841227	CHR2:15841227	SSF x Far_LoA	-8,505	0,111	0,279
CHR2	15841287	CHR2:15841287	SSF x Far_LoA	-10,512	-0,109	0,289
CHR2	15855657	CHR2:15855657	SSF x Far_LoA	-9,237	0,066	0,280
CHR2	15863541	CHR2:15863541	SSF x Far_LoA	-4,928	-0,128	0,287
CHR2	15865843	CHR2:15865843	SSF x Far_LoA	-10,080	0,078	0,288
CHR2	15869033	CHR2:15869033	SSF x Far_LoA	-9,035	0,022	0,291
CHR2	15869103	CHR2:15869103	SSF x Far_LoA	-7,430	-0,106	0,293
CHR2	15869109	CHR2:15869109	SSF x Far_LoA	-8,733	0,143	0,288
CHR2	15872350	CHR2:15872350	SSF x Far_LoA	-6,379	-0,080	0,298
CHR2	15872356	CHR2:15872356	SSF x Far_LoA	-9,345	-0,033	0,293
CHR2	15872359	CHR2:15872359	SSF x Far_LoA	-9,076	-0,046	0,287
CHR2	15872386	CHR2:15872386	SSF x Far_LoA	-8,172	0,058	0,292
CHR2	15872405	CHR2:15872405	SSF x Far_LoA	-9,240	0,068	0,290
CHR2	15872428	CHR2:15872428	SSF x Far_LoA	-9,567	0,066	0,283
CHR2	15872445	CHR2:15872445	SSF x Far_LoA	-6,714	-0,118	0,286
CHR2	15874874	CHR2:15874874	SSF x Far_LoA	-11,428	0,028	0,286
CHR2	15874979	CHR2:15874979	SSF x Far_LoA	-10,167	-0,028	0,289

CHR2	15874992	CHR2:15874992	SSF x Far_LoA	-9,977	-0,027	0,300
CHR2	15879162	CHR2:15879162	SSF x Far_LoA	-9,575	-0,035	0,289
CHR2	15884283	CHR2:15884283	SSF x Far_LoA	-11,644	-0,008	0,280
CHR2	15884350	CHR2:15884350	SSF x Far_LoA	-5,828	0,158	0,296
CHR2	15884464	CHR2:15884464	SSF x Far_LoA	-9,349	-0,106	0,280
CHR2	15884627	CHR2:15884627	SSF x Far_LoA	-9,976	-0,073	0,274
CHR2	15884634	CHR2:15884634	SSF x Far_LoA	-8,297	0,032	0,297
CHR2	15884659	CHR2:15884659	SSF x Far_LoA	-9,231	0,020	0,289
CHR2	15884689	CHR2:15884689	SSF x Far_LoA	-10,048	0,003	0,292
CHR2	15891345	CHR2:15891345	SSF x Far_LoA	-10,150	-0,078	0,288
CHR2	15894480	CHR2:15894480	SSF x Far_LoA	-8,959	-0,075	0,286
CHR2	15894514	CHR2:15894514	SSF x Far_LoA	-9,690	0,094	0,301
CHR2	15894542	CHR2:15894542	SSF x Far_LoA	-9,783	0,019	0,290
CHR2	15899049	CHR2:15899049	SSF x Far_LoA	-8,986	-0,001	0,294
CHR2	15899082	CHR2:15899082	SSF x Far_LoA	-7,974	0,103	0,301
CHR2	15906498	CHR2:15906498	SSF x Far_LoA	-7,046	0,073	0,299
CHR2	15906502	CHR2:15906502	SSF x Far_LoA	-9,472	0,090	0,280
CHR2	15907361	CHR2:15907361	SSF x Far_LoA	-7,597	-0,061	0,310
CHR2	15907411	CHR2:15907411	SSF x Far_LoA	-9,314	-0,044	0,290
CHR2	15909954	CHR2:15909954	SSF x Far_LoA	-10,056	-0,042	0,292
CHR2	15909980	CHR2:15909980	SSF x Far_LoA	-10,009	-0,036	0,291
CHR2	15910712	CHR2:15910712	SSF x Far_LoA	-8,350	0,059	0,291
CHR2	15913144	CHR2:15913144	SSF x Far_LoA	-8,108	0,001	0,295
CHR2	15913884	CHR2:15913884	SSF x Far_LoA	-4,816	-0,118	0,301
CHR2	15913890	CHR2:15913890	SSF x Far_LoA	-10,091	0,024	0,299
CHR2	15913914	CHR2:15913914	SSF x Far_LoA	-9,457	-0,032	0,270
CHR2	15920213	CHR2:15920213	SSF x Far_LoA	-12,005	-0,008	0,297
CHR2	15932846	CHR2:15932846	SSF x Far_LoA	-10,223	0,056	0,298
CHR2	15932971	CHR2:15932971	SSF x Far_LoA	-8,083	0,066	0,295
CHR2	15932985	CHR2:15932985	SSF x Far_LoA	-10,333	-0,023	0,297
CHR2	16002228	CHR2:16002228	SSF x Far_LoA	-10,998	0,045	0,300
CHR2	16002284	CHR2:16002284	SSF x Far_LoA	-7,712	-0,161	0,277
CHR2	16002503	CHR2:16002503	SSF x Far_LoA	-6,331	0,155	0,282
CHR2	16002577	CHR2:16002577	SSF x Far_LoA	-10,901	-0,094	0,286
CHR2	16049828	CHR2:16049828	SSF x Far_LoA	-9,899	-0,032	0,295
CHR2	1605240	CHR2:1605240	SSF x Far_LoA	-11,155	0,036	0,298
CHR2	1605299	CHR2:1605299	SSF x Far_LoA	-11,658	0,063	0,284
CHR2	1605325	CHR2:1605325	SSF x Far_LoA	-7,785	-0,006	0,301
CHR2	1605334	CHR2:1605334	SSF x Far_LoA	-8,620	-0,025	0,288
CHR2	1605409	CHR2:1605409	SSF x Far_LoA	-8,645	-0,003	0,281
CHR2	1605435	CHR2:1605435	SSF x Far_LoA	-12,245	0,024	0,286
CHR2	16061313	CHR2:16061313	SSF x Far_LoA	-11,632	0,012	0,295
CHR2	16061406	CHR2:16061406	SSF x Far_LoA	-6,840	-0,025	0,304
CHR2	16061430	CHR2:16061430	SSF x Far_LoA	-8,177	0,031	0,297
CHR2	16063247	CHR2:16063247	SSF x Far_LoA	-6,590	-0,034	0,294
CHR2	16063251	CHR2:16063251	SSF x Far_LoA	-4,972	-0,217	0,261
CHR2	16063259	CHR2:16063259	SSF x Far_LoA	-9,571	-0,009	0,289
CHR2	16063268	CHR2:16063268	SSF x Far_LoA	-8,623	-0,044	0,285
CHR2	16063365	CHR2:16063365	SSF x Far_LoA	-9,929	-0,033	0,288
CHR2	16087144	CHR2:16087144	SSF x Far_LoA	-8,515	-0,009	0,301
CHR2	16087148	CHR2:16087148	SSF x Far_LoA	-10,628	0,040	0,281
CHR2	16087161	CHR2:16087161	SSF x Far_LoA	-7,909	-0,005	0,292
CHR2	16087198	CHR2:16087198	SSF x Far_LoA	-6,678	0,149	0,277

CHR2	16087203	CHR2:16087203	SSF x Far_LoA	-7,784	0,116	0,272
CHR2	16087208	CHR2:16087208	SSF x Far_LoA	-4,603	-0,172	0,282
CHR2	16087238	CHR2:16087238	SSF x Far_LoA	-6,235	0,058	0,291
CHR2	16087250	CHR2:16087250	SSF x Far_LoA	-9,856	0,059	0,274
CHR2	16087315	CHR2:16087315	SSF x Far_LoA	-8,932	0,011	0,300
CHR2	16087342	CHR2:16087342	SSF x Far_LoA	-9,765	-0,046	0,291
CHR2	16087350	CHR2:16087350	SSF x Far_LoA	-9,503	-0,041	0,298
CHR2	16087371	CHR2:16087371	SSF x Far_LoA	-6,922	-0,124	0,276
CHR2	16087384	CHR2:16087384	SSF x Far_LoA	-7,284	-0,094	0,293
CHR2	16087394	CHR2:16087394	SSF x Far_LoA	-10,736	0,075	0,280
CHR2	16095689	CHR2:16095689	SSF x Far_LoA	-9,773	-0,102	0,283
CHR2	16095704	CHR2:16095704	SSF x Far_LoA	-6,900	0,094	0,290
CHR2	16095717	CHR2:16095717	SSF x Far_LoA	-10,271	-0,065	0,287
CHR2	16095720	CHR2:16095720	SSF x Far_LoA	-9,823	-0,078	0,303
CHR2	16095826	CHR2:16095826	SSF x Far_LoA	-7,683	-0,004	0,286
CHR2	16095829	CHR2:16095829	SSF x Far_LoA	-9,126	-0,066	0,306
CHR2	16095904	CHR2:16095904	SSF x Far_LoA	-9,893	-0,027	0,286
CHR2	16095985	CHR2:16095985	SSF x Far_LoA	-8,693	-0,042	0,290
CHR2	16096030	CHR2:16096030	SSF x Far_LoA	-8,004	-0,163	0,286
CHR2	16098124	CHR2:16098124	SSF x Far_LoA	-8,451	-0,074	0,291
CHR2	16098191	CHR2:16098191	SSF x Far_LoA	-8,776	-0,103	0,283
CHR2	16098195	CHR2:16098195	SSF x Far_LoA	-7,827	-0,079	0,296
CHR2	16098890	CHR2:16098890	SSF x Far_LoA	-4,045	-0,149	0,284
CHR2	16113440	CHR2:16113440	SSF x Far_LoA	-9,157	0,056	0,282
CHR2	16113636	CHR2:16113636	SSF x Far_LoA	-11,158	-0,028	0,290
CHR2	16117038	CHR2:16117038	SSF x Far_LoA	-9,426	0,079	0,284
CHR2	16133436	CHR2:16133436	SSF x Far_LoA	-9,556	-0,118	0,297
CHR2	1613712	CHR2:1613712	SSF x Far_LoA	-8,580	0,082	0,278
CHR2	1613791	CHR2:1613791	SSF x Far_LoA	-8,364	0,043	0,296
CHR2	1613810	CHR2:1613810	SSF x Far_LoA	-11,132	0,058	0,282
CHR2	1613836	CHR2:1613836	SSF x Far_LoA	-9,020	0,162	0,289
CHR2	16148331	CHR2:16148331	SSF x Far_LoA	-10,523	0,111	0,289
CHR2	16148359	CHR2:16148359	SSF x Far_LoA	-8,267	0,059	0,298
CHR2	16148364	CHR2:16148364	SSF x Far_LoA	-11,183	-0,074	0,286
CHR2	16148377	CHR2:16148377	SSF x Far_LoA	-8,169	-0,012	0,288
CHR2	16148386	CHR2:16148386	SSF x Far_LoA	-7,695	-0,129	0,289
CHR2	16148513	CHR2:16148513	SSF x Far_LoA	-8,167	-0,103	0,283
CHR2	16148574	CHR2:16148574	SSF x Far_LoA	-9,782	0,037	0,297
CHR2	16193757	CHR2:16193757	SSF x Far_LoA	-4,296	0,100	0,295
CHR2	16193789	CHR2:16193789	SSF x Far_LoA	-9,214	0,050	0,290
CHR2	16193883	CHR2:16193883	SSF x Far_LoA	-8,847	-0,009	0,306
CHR2	16195112	CHR2:16195112	SSF x Far_LoA	-5,414	-0,163	0,280
CHR2	16202692	CHR2:16202692	SSF x Far_LoA	-11,232	0,006	0,291
CHR2	16202713	CHR2:16202713	SSF x Far_LoA	-8,575	0,003	0,309
CHR2	16217383	CHR2:16217383	SSF x Far_LoA	-7,177	0,149	0,307
CHR2	16224945	CHR2:16224945	SSF x Far_LoA	-11,151	-0,090	0,291
CHR2	16225030	CHR2:16225030	SSF x Far_LoA	-12,120	-0,060	0,287
CHR2	16225051	CHR2:16225051	SSF x Far_LoA	-8,144	0,097	0,295
CHR2	16225055	CHR2:16225055	SSF x Far_LoA	-9,700	-0,075	0,288
CHR2	16225153	CHR2:16225153	SSF x Far_LoA	-9,801	-0,073	0,295
CHR2	16225154	CHR2:16225154	SSF x Far_LoA	-8,910	-0,057	0,302
CHR2	16225175	CHR2:16225175	SSF x Far_LoA	-4,021	-0,145	0,297
CHR2	16228391	CHR2:16228391	SSF x Far_LoA	-8,571	0,107	0,291

CHR2	16243921	CHR2:16243921	SSF x Far_LoA	-8,446	0,116	0,267
CHR2	16243922	CHR2:16243922	SSF x Far_LoA	-8,546	0,076	0,280
CHR2	16243927	CHR2:16243927	SSF x Far_LoA	-6,965	0,100	0,289
CHR2	16243938	CHR2:16243938	SSF x Far_LoA	-10,116	0,080	0,271
CHR2	16243995	CHR2:16243995	SSF x Far_LoA	-9,550	-0,015	0,289
CHR2	16243996	CHR2:16243996	SSF x Far_LoA	-9,991	0,005	0,277
CHR2	16269411	CHR2:16269411	SSF x Far_LoA	-12,421	0,007	0,277
CHR2	16269437	CHR2:16269437	SSF x Far_LoA	-7,549	-0,112	0,297
CHR2	16269459	CHR2:16269459	SSF x Far_LoA	-9,662	0,051	0,305
CHR2	16269546	CHR2:16269546	SSF x Far_LoA	-7,752	0,058	0,296
CHR2	16269554	CHR2:16269554	SSF x Far_LoA	-8,877	0,083	0,285
CHR2	16269566	CHR2:16269566	SSF x Far_LoA	-10,754	0,001	0,298
CHR2	16269627	CHR2:16269627	SSF x Far_LoA	-10,430	-0,082	0,297
CHR2	1628824	CHR2:1628824	SSF x Far_LoA	-5,201	-0,150	0,280
CHR2	16301437	CHR2:16301437	SSF x Far_LoA	-10,672	0,024	0,290
CHR2	16306854	CHR2:16306854	SSF x Far_LoA	-9,596	0,078	0,282
CHR2	16306914	CHR2:16306914	SSF x Far_LoA	-7,941	-0,163	0,288
CHR2	16306966	CHR2:16306966	SSF x Far_LoA	-9,882	0,083	0,288
CHR2	16307011	CHR2:16307011	SSF x Far_LoA	-9,774	-0,066	0,273
CHR2	1630935	CHR2:1630935	SSF x Far_LoA	-8,421	0,066	0,273
CHR2	16331080	CHR2:16331080	SSF x Far_LoA	-8,178	-0,039	0,281
CHR2	1634778	CHR2:1634778	SSF x Far_LoA	-8,661	-0,036	0,287
CHR2	1634898	CHR2:1634898	SSF x Far_LoA	-4,637	-0,154	0,274
CHR2	16349104	CHR2:16349104	SSF x Far_LoA	-8,741	-0,038	0,299
CHR2	1634918	CHR2:1634918	SSF x Far_LoA	-6,339	-0,150	0,279
CHR2	1634919	CHR2:1634919	SSF x Far_LoA	-6,013	-0,145	0,280
CHR2	16349228	CHR2:16349228	SSF x Far_LoA	-8,135	-0,102	0,284
CHR2	16349283	CHR2:16349283	SSF x Far_LoA	-2,944	-0,142	0,289
CHR2	16349307	CHR2:16349307	SSF x Far_LoA	-6,380	-0,113	0,266
CHR2	1634932	CHR2:1634932	SSF x Far_LoA	-10,589	0,004	0,261
CHR2	1634933	CHR2:1634933	SSF x Far_LoA	-5,229	-0,115	0,274
CHR2	16349336	CHR2:16349336	SSF x Far_LoA	-7,413	-0,126	0,275
CHR2	16349337	CHR2:16349337	SSF x Far_LoA	-8,370	-0,131	0,279
CHR2	16349376	CHR2:16349376	SSF x Far_LoA	-8,938	0,056	0,295
CHR2	16357208	CHR2:16357208	SSF x Far_LoA	-10,529	-0,023	0,289
CHR2	16357209	CHR2:16357209	SSF x Far_LoA	-8,975	-0,031	0,296
CHR2	16357214	CHR2:16357214	SSF x Far_LoA	-9,025	-0,042	0,306
CHR2	16357300	CHR2:16357300	SSF x Far_LoA	-11,092	-0,013	0,293
CHR2	16357391	CHR2:16357391	SSF x Far_LoA	-11,122	0,136	0,286
CHR2	16357471	CHR2:16357471	SSF x Far_LoA	-11,363	0,018	0,291
CHR2	16357507	CHR2:16357507	SSF x Far_LoA	-4,590	-0,118	0,292
CHR2	16368077	CHR2:16368077	SSF x Far_LoA	-10,059	0,044	0,296
CHR2	16376015	CHR2:16376015	SSF x Far_LoA	-5,795	0,200	0,283
CHR2	16376062	CHR2:16376062	SSF x Far_LoA	-10,293	0,009	0,287
CHR2	16376129	CHR2:16376129	SSF x Far_LoA	-6,751	0,033	0,279
CHR2	16378672	CHR2:16378672	SSF x Far_LoA	-7,540	-0,096	0,299
CHR2	16378679	CHR2:16378679	SSF x Far_LoA	-7,883	-0,006	0,301
CHR2	16378773	CHR2:16378773	SSF x Far_LoA	-4,553	-0,250	0,278
CHR2	16378780	CHR2:16378780	SSF x Far_LoA	-11,079	-0,026	0,307
CHR2	16378954	CHR2:16378954	SSF x Far_LoA	-8,961	-0,049	0,295
CHR2	16391053	CHR2:16391053	SSF x Far_LoA	-9,560	-0,042	0,297
CHR2	16391094	CHR2:16391094	SSF x Far_LoA	-11,247	-0,058	0,305
CHR2	16391127	CHR2:16391127	SSF x Far_LoA	-11,497	-0,024	0,273

CHR2	16392275	CHR2:16392275	SSF x Far_LoA	-6,357	0,001	0,296
CHR2	16392362	CHR2:16392362	SSF x Far_LoA	-7,263	0,120	0,293
CHR2	16392366	CHR2:16392366	SSF x Far_LoA	9,543	-0,164	0,291
CHR2	16392405	CHR2:16392405	SSF x Far_LoA	-7,359	0,069	0,276
CHR2	16398988	CHR2:16398988	SSF x Far_LoA	-8,155	0,062	0,280
CHR2	16399058	CHR2:16399058	SSF x Far_LoA	-10,666	0,057	0,277
CHR2	16399060	CHR2:16399060	SSF x Far_LoA	-1,953	-0,097	0,282
CHR2	16399311	CHR2:16399311	SSF x Far_LoA	-8,353	-0,035	0,311
CHR2	16403875	CHR2:16403875	SSF x Far_LoA	-9,495	0,034	0,309
CHR2	16407050	CHR2:16407050	SSF x Far_LoA	-7,401	0,027	0,295
CHR2	16417534	CHR2:16417534	SSF x Far_LoA	-11,201	0,053	0,301
CHR2	16417583	CHR2:16417583	SSF x Far_LoA	-8,312	0,049	0,281
CHR2	16417603	CHR2:16417603	SSF x Far_LoA	-9,945	0,029	0,271
CHR2	16420835	CHR2:16420835	SSF x Far_LoA	-9,230	-0,016	0,299
CHR2	16421026	CHR2:16421026	SSF x Far_LoA	-8,715	-0,001	0,279
CHR2	16421092	CHR2:16421092	SSF x Far_LoA	-9,834	0,080	0,289
CHR2	16425326	CHR2:16425326	SSF x Far_LoA	-8,616	0,014	0,304
CHR2	16425339	CHR2:16425339	SSF x Far_LoA	-9,235	0,056	0,300
CHR2	16425344	CHR2:16425344	SSF x Far_LoA	-7,204	-0,166	0,289
CHR2	16475060	CHR2:16475060	SSF x Far_LoA	-6,676	0,003	0,298
CHR2	16475895	CHR2:16475895	SSF x Far_LoA	-10,329	0,123	0,278
CHR2	16479234	CHR2:16479234	SSF x Far_LoA	-8,984	-0,092	0,287
CHR2	16479314	CHR2:16479314	SSF x Far_LoA	-7,916	0,058	0,282
CHR2	16479372	CHR2:16479372	SSF x Far_LoA	-7,927	0,040	0,287
CHR2	16488938	CHR2:16488938	SSF x Far_LoA	-10,919	0,104	0,288
CHR2	16504061	CHR2:16504061	SSF x Far_LoA	-11,684	-0,102	0,287
CHR2	16505464	CHR2:16505464	SSF x Far_LoA	-10,381	0,085	0,284
CHR2	16505503	CHR2:16505503	SSF x Far_LoA	-7,720	-0,148	0,300
CHR2	16524007	CHR2:16524007	SSF x Far_LoA	-11,268	-0,110	0,280
CHR2	16527542	CHR2:16527542	SSF x Far_LoA	-9,623	-0,031	0,299
CHR2	16527631	CHR2:16527631	SSF x Far_LoA	-8,818	0,170	0,291
CHR2	16536642	CHR2:16536642	SSF x Far_LoA	-11,935	0,014	0,302
CHR2	16536891	CHR2:16536891	SSF x Far_LoA	-8,625	-0,054	0,305
CHR2	16536944	CHR2:16536944	SSF x Far_LoA	-11,997	-0,076	0,282
CHR2	16537029	CHR2:16537029	SSF x Far_LoA	-9,291	-0,077	0,291
CHR2	16540869	CHR2:16540869	SSF x Far_LoA	-6,633	0,217	0,276
CHR2	16540897	CHR2:16540897	SSF x Far_LoA	-7,367	0,097	0,295
CHR2	16540952	CHR2:16540952	SSF x Far_LoA	-7,353	-0,149	0,276
CHR2	1654274	CHR2:1654274	SSF x Far_LoA	-8,326	0,080	0,301
CHR2	1654294	CHR2:1654294	SSF x Far_LoA	-7,741	0,138	0,280
CHR2	16556453	CHR2:16556453	SSF x Far_LoA	-10,441	-0,011	0,300
CHR2	16556642	CHR2:16556642	SSF x Far_LoA	-9,205	-0,074	0,287
CHR2	16557480	CHR2:16557480	SSF x Far_LoA	-8,467	0,076	0,284
CHR2	16557529	CHR2:16557529	SSF x Far_LoA	-10,270	-0,119	0,268
CHR2	16565546	CHR2:16565546	SSF x Far_LoA	-9,824	0,072	0,296
CHR2	16565581	CHR2:16565581	SSF x Far_LoA	-9,102	0,024	0,304
CHR2	16565887	CHR2:16565887	SSF x Far_LoA	-6,581	-0,193	0,286
CHR2	16572536	CHR2:16572536	SSF x Far_LoA	-9,589	-0,112	0,287
CHR2	16574494	CHR2:16574494	SSF x Far_LoA	-9,431	-0,163	0,282
CHR2	16574535	CHR2:16574535	SSF x Far_LoA	-8,262	0,080	0,291
CHR2	16574593	CHR2:16574593	SSF x Far_LoA	-7,002	-0,121	0,289
CHR2	16574607	CHR2:16574607	SSF x Far_LoA	-8,404	-0,020	0,295
CHR2	16574683	CHR2:16574683	SSF x Far_LoA	-9,898	-0,068	0,292

CHR2	16590539	CHR2:16590539	SSF x Far_LoA	-6,401	-0,109	0,308
CHR2	16590809	CHR2:16590809	SSF x Far_LoA	-9,452	0,093	0,291
CHR2	16592063	CHR2:16592063	SSF x Far_LoA	-10,218	-0,121	0,261
CHR2	16598583	CHR2:16598583	SSF x Far_LoA	-0,625	-0,239	0,271
CHR2	16598644	CHR2:16598644	SSF x Far_LoA	-9,054	-0,011	0,289
CHR2	16598696	CHR2:16598696	SSF x Far_LoA	-10,292	-0,047	0,282
CHR2	16598715	CHR2:16598715	SSF x Far_LoA	-10,278	-0,004	0,283
CHR2	16598717	CHR2:16598717	SSF x Far_LoA	-9,830	-0,034	0,289
CHR2	16601200	CHR2:16601200	SSF x Far_LoA	-8,870	0,021	0,276
CHR2	16601369	CHR2:16601369	SSF x Far_LoA	-5,086	0,158	0,299
CHR2	16601580	CHR2:16601580	SSF x Far_LoA	-10,637	0,045	0,291
CHR2	16601612	CHR2:16601612	SSF x Far_LoA	-11,933	0,047	0,283
CHR2	16624178	CHR2:16624178	SSF x Far_LoA	-11,665	-0,045	0,294
CHR2	16624215	CHR2:16624215	SSF x Far_LoA	-8,590	-0,004	0,286
CHR2	16624225	CHR2:16624225	SSF x Far_LoA	-9,247	0,137	0,289
CHR2	16627133	CHR2:16627133	SSF x Far_LoA	-9,625	0,062	0,282
CHR2	16627135	CHR2:16627135	SSF x Far_LoA	-9,909	0,018	0,288
CHR2	16627146	CHR2:16627146	SSF x Far_LoA	-7,863	0,009	0,295
CHR2	16627220	CHR2:16627220	SSF x Far_LoA	-8,672	0,100	0,285
CHR2	16627235	CHR2:16627235	SSF x Far_LoA	-9,297	0,055	0,275
CHR2	16627272	CHR2:16627272	SSF x Far_LoA	-8,331	0,044	0,302
CHR2	16627313	CHR2:16627313	SSF x Far_LoA	-8,989	0,024	0,300
CHR2	16627326	CHR2:16627326	SSF x Far_LoA	-8,525	0,046	0,295
CHR2	16627328	CHR2:16627328	SSF x Far_LoA	-8,767	-0,018	0,287
CHR2	16627334	CHR2:16627334	SSF x Far_LoA	-9,991	-0,030	0,304
CHR2	16641354	CHR2:16641354	SSF x Far_LoA	-8,942	0,136	0,281
CHR2	16641450	CHR2:16641450	SSF x Far_LoA	-6,372	-0,026	0,311
CHR2	16646241	CHR2:16646241	SSF x Far_LoA	-7,425	-0,135	0,281
CHR2	16646247	CHR2:16646247	SSF x Far_LoA	-9,386	-0,039	0,284
CHR2	16646256	CHR2:16646256	SSF x Far_LoA	-7,977	0,037	0,281
CHR2	16646266	CHR2:16646266	SSF x Far_LoA	-8,447	-0,050	0,285
CHR2	16646278	CHR2:16646278	SSF x Far_LoA	-8,756	-0,072	0,286
CHR2	16646347	CHR2:16646347	SSF x Far_LoA	-8,961	0,121	0,288
CHR2	16646357	CHR2:16646357	SSF x Far_LoA	-10,351	0,033	0,294
CHR2	16646360	CHR2:16646360	SSF x Far_LoA	-8,471	0,074	0,298
CHR2	16646363	CHR2:16646363	SSF x Far_LoA	-9,995	0,069	0,295
CHR2	16650260	CHR2:16650260	SSF x Far_LoA	-10,157	-0,029	0,300
CHR2	16650562	CHR2:16650562	SSF x Far_LoA	-10,193	0,090	0,288
CHR2	16657201	CHR2:16657201	SSF x Far_LoA	-7,935	-0,146	0,288
CHR2	16657203	CHR2:16657203	SSF x Far_LoA	-6,130	-0,137	0,291
CHR2	16657382	CHR2:16657382	SSF x Far_LoA	-4,554	0,131	0,282
CHR2	16657395	CHR2:16657395	SSF x Far_LoA	-6,963	0,085	0,292
CHR2	16657426	CHR2:16657426	SSF x Far_LoA	-10,012	0,065	0,291
CHR2	16657434	CHR2:16657434	SSF x Far_LoA	-5,158	0,036	0,291
CHR2	16657512	CHR2:16657512	SSF x Far_LoA	-5,263	0,145	0,282
CHR2	16660433	CHR2:16660433	SSF x Far_LoA	-7,073	0,047	0,302
CHR2	16661816	CHR2:16661816	SSF x Far_LoA	-7,602	0,195	0,279
CHR2	16661847	CHR2:16661847	SSF x Far_LoA	-9,386	-0,142	0,297
CHR2	16661848	CHR2:16661848	SSF x Far_LoA	-8,755	-0,177	0,293
CHR2	16661862	CHR2:16661862	SSF x Far_LoA	-9,253	0,007	0,288
CHR2	16661863	CHR2:16661863	SSF x Far_LoA	-9,270	0,125	0,286
CHR2	16684425	CHR2:16684425	SSF x Far_LoA	-9,026	-0,036	0,294
CHR2	16684635	CHR2:16684635	SSF x Far_LoA	-8,755	0,028	0,306

CHR2	16685775	CHR2:16685775	SSF x Far_LoA	-7,737	0,074	0,290
CHR2	16685786	CHR2:16685786	SSF x Far_LoA	-8,705	0,105	0,272
CHR2	16685845	CHR2:16685845	SSF x Far_LoA	-11,245	0,020	0,278
CHR2	16685851	CHR2:16685851	SSF x Far_LoA	-5,069	0,049	0,271
CHR2	16685869	CHR2:16685869	SSF x Far_LoA	0,814	-0,160	0,306
CHR2	16685970	CHR2:16685970	SSF x Far_LoA	-9,277	0,109	0,298
CHR2	16685972	CHR2:16685972	SSF x Far_LoA	-7,413	0,114	0,314
CHR2	16690741	CHR2:16690741	SSF x Far_LoA	-5,577	0,173	0,298
CHR2	16690787	CHR2:16690787	SSF x Far_LoA	-11,400	-0,052	0,286
CHR2	16690805	CHR2:16690805	SSF x Far_LoA	-7,698	0,199	0,287
CHR2	16706548	CHR2:16706548	SSF x Far_LoA	-10,899	0,036	0,291
CHR2	16706612	CHR2:16706612	SSF x Far_LoA	-9,751	0,031	0,280
CHR2	16706625	CHR2:16706625	SSF x Far_LoA	-4,375	0,033	0,280
CHR2	16706627	CHR2:16706627	SSF x Far_LoA	-8,361	0,001	0,281
CHR2	16728425	CHR2:16728425	SSF x Far_LoA	-7,482	0,085	0,292
CHR2	16728445	CHR2:16728445	SSF x Far_LoA	-10,192	-0,014	0,293
CHR2	16728448	CHR2:16728448	SSF x Far_LoA	-9,942	0,009	0,307
CHR2	16728460	CHR2:16728460	SSF x Far_LoA	-1,116	0,000	0,298
CHR2	16728471	CHR2:16728471	SSF x Far_LoA	-8,771	-0,014	0,300
CHR2	16750785	CHR2:16750785	SSF x Far_LoA	-3,199	-0,118	0,288
CHR2	16752261	CHR2:16752261	SSF x Far_LoA	-11,060	0,033	0,302
CHR2	16752293	CHR2:16752293	SSF x Far_LoA	-6,991	-0,161	0,282
CHR2	16752300	CHR2:16752300	SSF x Far_LoA	-9,060	-0,017	0,297
CHR2	16752323	CHR2:16752323	SSF x Far_LoA	-9,111	0,062	0,301
CHR2	16752328	CHR2:16752328	SSF x Far_LoA	-9,801	0,025	0,284
CHR2	16766372	CHR2:16766372	SSF x Far_LoA	-10,506	-0,070	0,284
CHR2	16766567	CHR2:16766567	SSF x Far_LoA	-1,630	0,144	0,289
CHR2	16766615	CHR2:16766615	SSF x Far_LoA	-10,139	-0,120	0,284
CHR2	16767178	CHR2:16767178	SSF x Far_LoA	-5,891	0,067	0,297
CHR2	16767234	CHR2:16767234	SSF x Far_LoA	-10,236	-0,050	0,290
CHR2	16767330	CHR2:16767330	SSF x Far_LoA	-7,075	0,132	0,291
CHR2	1676813	CHR2:1676813	SSF x Far_LoA	-4,841	-0,043	0,293
CHR2	16773886	CHR2:16773886	SSF x Far_LoA	-7,902	0,107	0,285
CHR2	16773929	CHR2:16773929	SSF x Far_LoA	-10,996	-0,019	0,293
CHR2	16777508	CHR2:16777508	SSF x Far_LoA	-8,901	0,103	0,291
CHR2	16777524	CHR2:16777524	SSF x Far_LoA	-5,085	-0,072	0,302
CHR2	16777790	CHR2:16777790	SSF x Far_LoA	-10,688	-0,045	0,302
CHR2	16784882	CHR2:16784882	SSF x Far_LoA	-10,286	0,122	0,272
CHR2	16784885	CHR2:16784885	SSF x Far_LoA	-9,165	-0,056	0,294
CHR2	16784922	CHR2:16784922	SSF x Far_LoA	-9,287	-0,152	0,287
CHR2	16784954	CHR2:16784954	SSF x Far_LoA	-6,737	-0,187	0,273
CHR2	16784977	CHR2:16784977	SSF x Far_LoA	-11,028	-0,047	0,300
CHR2	16785020	CHR2:16785020	SSF x Far_LoA	-9,980	0,036	0,308
CHR2	16798457	CHR2:16798457	SSF x Far_LoA	-4,251	0,136	0,294
CHR2	16798484	CHR2:16798484	SSF x Far_LoA	-9,043	0,077	0,284
CHR2	16798501	CHR2:16798501	SSF x Far_LoA	-11,082	0,053	0,287
CHR2	16798597	CHR2:16798597	SSF x Far_LoA	-8,067	-0,150	0,280
CHR2	16798612	CHR2:16798612	SSF x Far_LoA	-10,638	0,011	0,286
CHR2	16798739	CHR2:16798739	SSF x Far_LoA	-9,900	0,024	0,296
CHR2	16808127	CHR2:16808127	SSF x Far_LoA	-8,692	-0,098	0,279
CHR2	16808196	CHR2:16808196	SSF x Far_LoA	-9,649	-0,006	0,276
CHR2	16808244	CHR2:16808244	SSF x Far_LoA	-9,256	0,017	0,283
CHR2	16810923	CHR2:16810923	SSF x Far_LoA	-9,504	0,001	0,294

CHR2	16813012	CHR2:16813012	SSF x Far_LoA	-9,307	-0,077	0,311
CHR2	16813019	CHR2:16813019	SSF x Far_LoA	-11,274	0,035	0,306
CHR2	16815412	CHR2:16815412	SSF x Far_LoA	-9,276	0,140	0,274
CHR2	16815622	CHR2:16815622	SSF x Far_LoA	-9,058	-0,115	0,290
CHR2	16818318	CHR2:16818318	SSF x Far_LoA	-10,693	0,030	0,290
CHR2	16818551	CHR2:16818551	SSF x Far_LoA	-9,395	0,017	0,293
CHR2	16818641	CHR2:16818641	SSF x Far_LoA	-8,539	0,124	0,279
CHR2	16834718	CHR2:16834718	SSF x Far_LoA	-8,215	-0,027	0,288
CHR2	16835155	CHR2:16835155	SSF x Far_LoA	-7,469	0,100	0,300
CHR2	16843233	CHR2:16843233	SSF x Far_LoA	-10,113	0,095	0,294
CHR2	16871725	CHR2:16871725	SSF x Far_LoA	-7,780	-0,095	0,293
CHR2	16872070	CHR2:16872070	SSF x Far_LoA	-9,627	0,016	0,276
CHR2	16876600	CHR2:16876600	SSF x Far_LoA	-9,025	0,018	0,298
CHR2	16876646	CHR2:16876646	SSF x Far_LoA	-12,083	0,040	0,283
CHR2	16876662	CHR2:16876662	SSF x Far_LoA	-9,362	0,183	0,282
CHR2	16876679	CHR2:16876679	SSF x Far_LoA	-8,016	-0,001	0,304
CHR2	16876746	CHR2:16876746	SSF x Far_LoA	-9,122	0,122	0,268
CHR2	16876774	CHR2:16876774	SSF x Far_LoA	-10,659	-0,006	0,293
CHR2	16876846	CHR2:16876846	SSF x Far_LoA	-7,868	-0,010	0,296
CHR2	16876865	CHR2:16876865	SSF x Far_LoA	-11,059	-0,002	0,297
CHR2	16876870	CHR2:16876870	SSF x Far_LoA	-7,056	0,045	0,294
CHR2	16896401	CHR2:16896401	SSF x Far_LoA	-8,907	0,041	0,304
CHR2	16896402	CHR2:16896402	SSF x Far_LoA	-9,985	0,044	0,289
CHR2	16900271	CHR2:16900271	SSF x Far_LoA	-9,176	0,051	0,297
CHR2	16900275	CHR2:16900275	SSF x Far_LoA	-9,682	-0,053	0,272
CHR2	16900486	CHR2:16900486	SSF x Far_LoA	-8,337	-0,091	0,287
CHR2	16900550	CHR2:16900550	SSF x Far_LoA	-7,044	0,142	0,279
CHR2	16900559	CHR2:16900559	SSF x Far_LoA	-8,408	-0,024	0,281
CHR2	16900606	CHR2:16900606	SSF x Far_LoA	-8,252	0,048	0,272
CHR2	16911465	CHR2:16911465	SSF x Far_LoA	-4,252	-0,035	0,302
CHR2	16911503	CHR2:16911503	SSF x Far_LoA	-11,389	0,045	0,283
CHR2	16911510	CHR2:16911510	SSF x Far_LoA	-8,383	-0,036	0,299
CHR2	16911814	CHR2:16911814	SSF x Far_LoA	-9,145	0,046	0,296
CHR2	1691372	CHR2:1691372	SSF x Far_LoA	-7,988	0,099	0,291
CHR2	1691389	CHR2:1691389	SSF x Far_LoA	-10,663	-0,026	0,283
CHR2	1691391	CHR2:1691391	SSF x Far_LoA	-5,196	0,131	0,271
CHR2	16914267	CHR2:16914267	SSF x Far_LoA	-9,600	0,073	0,288
CHR2	16914272	CHR2:16914272	SSF x Far_LoA	-10,644	0,041	0,306
CHR2	16914321	CHR2:16914321	SSF x Far_LoA	-10,452	0,025	0,288
CHR2	16914329	CHR2:16914329	SSF x Far_LoA	-10,234	0,071	0,292
CHR2	1691434	CHR2:1691434	SSF x Far_LoA	-9,607	0,131	0,272
CHR2	16914344	CHR2:16914344	SSF x Far_LoA	-10,990	-0,067	0,287
CHR2	16914377	CHR2:16914377	SSF x Far_LoA	-11,226	-0,058	0,290
CHR2	16914394	CHR2:16914394	SSF x Far_LoA	-9,297	0,099	0,282
CHR2	16914458	CHR2:16914458	SSF x Far_LoA	-11,066	0,006	0,290
CHR2	16914472	CHR2:16914472	SSF x Far_LoA	-2,019	0,158	0,301
CHR2	1691465	CHR2:1691465	SSF x Far_LoA	-12,289	-0,041	0,292
CHR2	1691468	CHR2:1691468	SSF x Far_LoA	-10,624	-0,044	0,295
CHR2	16917183	CHR2:16917183	SSF x Far_LoA	-7,215	0,025	0,290
CHR2	16917186	CHR2:16917186	SSF x Far_LoA	-8,376	-0,121	0,279
CHR2	16917279	CHR2:16917279	SSF x Far_LoA	-9,477	0,044	0,295
CHR2	16917358	CHR2:16917358	SSF x Far_LoA	-9,483	-0,060	0,281
CHR2	16917373	CHR2:16917373	SSF x Far_LoA	-12,247	-0,008	0,292

CHR2	16917376	CHR2:16917376	SSF x Far_LoA	-10,639	0,027	0,288
CHR2	1691755	CHR2:1691755	SSF x Far_LoA	-10,151	-0,045	0,291
CHR2	16936178	CHR2:16936178	SSF x Far_LoA	-9,288	-0,034	0,291
CHR2	16936203	CHR2:16936203	SSF x Far_LoA	-9,660	0,051	0,288
CHR2	16936205	CHR2:16936205	SSF x Far_LoA	-5,377	0,057	0,297
CHR2	16936281	CHR2:16936281	SSF x Far_LoA	-8,616	-0,040	0,303
CHR2	16943096	CHR2:16943096	SSF x Far_LoA	-8,506	-0,125	0,270
CHR2	16943177	CHR2:16943177	SSF x Far_LoA	-9,033	0,005	0,297
CHR2	16943207	CHR2:16943207	SSF x Far_LoA	-7,600	-0,052	0,304
CHR2	16943208	CHR2:16943208	SSF x Far_LoA	-7,345	-0,102	0,285
CHR2	16943264	CHR2:16943264	SSF x Far_LoA	-6,725	-0,182	0,290
CHR2	16955174	CHR2:16955174	SSF x Far_LoA	-11,175	0,037	0,287
CHR2	16955842	CHR2:16955842	SSF x Far_LoA	-10,387	0,119	0,285
CHR2	16955959	CHR2:16955959	SSF x Far_LoA	-8,582	0,079	0,281
CHR2	16957851	CHR2:16957851	SSF x Far_LoA	-7,732	-0,114	0,280
CHR2	16957867	CHR2:16957867	SSF x Far_LoA	-9,483	0,041	0,290
CHR2	16957933	CHR2:16957933	SSF x Far_LoA	-9,715	0,108	0,296
CHR2	16958036	CHR2:16958036	SSF x Far_LoA	-9,565	-0,040	0,294
CHR2	16958037	CHR2:16958037	SSF x Far_LoA	-10,807	0,031	0,286
CHR2	16958038	CHR2:16958038	SSF x Far_LoA	-9,042	-0,025	0,292
CHR2	16961045	CHR2:16961045	SSF x Far_LoA	-6,821	0,041	0,305
CHR2	16965354	CHR2:16965354	SSF x Far_LoA	-9,311	0,085	0,295
CHR2	16965398	CHR2:16965398	SSF x Far_LoA	-8,607	-0,027	0,292
CHR2	16965498	CHR2:16965498	SSF x Far_LoA	-8,571	0,028	0,291
CHR2	16965499	CHR2:16965499	SSF x Far_LoA	-9,784	0,044	0,301
CHR2	16965523	CHR2:16965523	SSF x Far_LoA	-9,845	0,039	0,277
CHR2	16965527	CHR2:16965527	SSF x Far_LoA	-8,755	0,033	0,284
CHR2	16965536	CHR2:16965536	SSF x Far_LoA	-9,244	0,018	0,300
CHR2	16965539	CHR2:16965539	SSF x Far_LoA	-9,775	0,073	0,280
CHR2	16965555	CHR2:16965555	SSF x Far_LoA	-10,950	-0,063	0,290
CHR2	16965576	CHR2:16965576	SSF x Far_LoA	-10,291	0,048	0,292
CHR2	16965577	CHR2:16965577	SSF x Far_LoA	-11,240	-0,072	0,282
CHR2	16965583	CHR2:16965583	SSF x Far_LoA	-9,242	0,065	0,310
CHR2	16974156	CHR2:16974156	SSF x Far_LoA	-9,054	-0,076	0,292
CHR2	16974178	CHR2:16974178	SSF x Far_LoA	-10,392	-0,084	0,281
CHR2	16974243	CHR2:16974243	SSF x Far_LoA	-10,753	-0,076	0,281
CHR2	16974257	CHR2:16974257	SSF x Far_LoA	-5,396	-0,176	0,280
CHR2	16974259	CHR2:16974259	SSF x Far_LoA	-5,273	0,150	0,282
CHR2	16974322	CHR2:16974322	SSF x Far_LoA	-8,013	-0,099	0,285
CHR2	16974328	CHR2:16974328	SSF x Far_LoA	-10,581	0,020	0,301
CHR2	16983169	CHR2:16983169	SSF x Far_LoA	-10,300	-0,049	0,276
CHR2	16983173	CHR2:16983173	SSF x Far_LoA	-4,785	0,182	0,278
CHR2	16983184	CHR2:16983184	SSF x Far_LoA	-5,393	-0,045	0,305
CHR2	16983229	CHR2:16983229	SSF x Far_LoA	-9,073	0,136	0,280
CHR2	16983337	CHR2:16983337	SSF x Far_LoA	-9,819	0,084	0,291
CHR2	16983341	CHR2:16983341	SSF x Far_LoA	-7,113	0,024	0,294
CHR2	16983403	CHR2:16983403	SSF x Far_LoA	-9,340	-0,014	0,293
CHR2	16983441	CHR2:16983441	SSF x Far_LoA	-8,646	-0,027	0,286
CHR2	16983449	CHR2:16983449	SSF x Far_LoA	-9,739	0,046	0,290
CHR2	16983456	CHR2:16983456	SSF x Far_LoA	-9,593	0,053	0,282
CHR2	16985415	CHR2:16985415	SSF x Far_LoA	-9,386	-0,024	0,294
CHR2	16985420	CHR2:16985420	SSF x Far_LoA	-8,623	0,053	0,306
CHR2	16985423	CHR2:16985423	SSF x Far_LoA	-8,125	-0,007	0,287

CHR2	16985471	CHR2:16985471	SSF x Far_LoA	-7,046	0,113	0,292
CHR2	16985483	CHR2:16985483	SSF x Far_LoA	-10,631	-0,041	0,302
CHR2	16985496	CHR2:16985496	SSF x Far_LoA	-8,739	0,007	0,292
CHR2	16985562	CHR2:16985562	SSF x Far_LoA	-8,478	0,013	0,270
CHR2	16985698	CHR2:16985698	SSF x Far_LoA	-10,815	0,078	0,275
CHR2	16994474	CHR2:16994474	SSF x Far_LoA	-9,109	-0,035	0,303
CHR2	16994486	CHR2:16994486	SSF x Far_LoA	-10,089	0,083	0,298
CHR2	16994638	CHR2:16994638	SSF x Far_LoA	-9,205	-0,063	0,294
CHR2	16994651	CHR2:16994651	SSF x Far_LoA	-11,026	0,062	0,304
CHR2	17008313	CHR2:17008313	SSF x Far_LoA	-9,002	-0,005	0,296
CHR2	17008314	CHR2:17008314	SSF x Far_LoA	-9,000	-0,029	0,290
CHR2	17008925	CHR2:17008925	SSF x Far_LoA	-7,059	0,142	0,295
CHR2	17008980	CHR2:17008980	SSF x Far_LoA	-11,831	0,018	0,283
CHR2	17015621	CHR2:17015621	SSF x Far_LoA	-10,641	-0,068	0,291
CHR2	17015788	CHR2:17015788	SSF x Far_LoA	-10,313	-0,031	0,287
CHR2	17015795	CHR2:17015795	SSF x Far_LoA	-7,154	-0,087	0,288
CHR2	17015850	CHR2:17015850	SSF x Far_LoA	-8,949	-0,080	0,291
CHR2	17027150	CHR2:17027150	SSF x Far_LoA	-7,007	0,089	0,291
CHR2	17027232	CHR2:17027232	SSF x Far_LoA	-6,086	-0,207	0,282
CHR2	1704601	CHR2:1704601	SSF x Far_LoA	-11,820	-0,055	0,286
CHR2	17070396	CHR2:17070396	SSF x Far_LoA	-9,071	0,032	0,282
CHR2	17078129	CHR2:17078129	SSF x Far_LoA	-10,507	-0,047	0,291
CHR2	17128711	CHR2:17128711	SSF x Far_LoA	-9,411	0,058	0,305
CHR2	1713006	CHR2:1713006	SSF x Far_LoA	-9,153	-0,055	0,283
CHR2	1713026	CHR2:1713026	SSF x Far_LoA	-7,970	-0,079	0,308
CHR2	1713159	CHR2:1713159	SSF x Far_LoA	-11,840	0,052	0,285
CHR2	17131676	CHR2:17131676	SSF x Far_LoA	-8,675	-0,157	0,283
CHR2	17133706	CHR2:17133706	SSF x Far_LoA	-10,912	-0,005	0,291
CHR2	17151435	CHR2:17151435	SSF x Far_LoA	-11,122	0,072	0,298
CHR2	17159710	CHR2:17159710	SSF x Far_LoA	-9,433	0,048	0,305
CHR2	17159728	CHR2:17159728	SSF x Far_LoA	-7,332	0,186	0,281
CHR2	17159787	CHR2:17159787	SSF x Far_LoA	-8,562	-0,086	0,287
CHR2	17159808	CHR2:17159808	SSF x Far_LoA	-7,726	0,119	0,283
CHR2	17159838	CHR2:17159838	SSF x Far_LoA	-6,809	0,154	0,279
CHR2	17159857	CHR2:17159857	SSF x Far_LoA	-11,208	0,099	0,282
CHR2	17159878	CHR2:17159878	SSF x Far_LoA	-9,881	-0,047	0,286
CHR2	17159982	CHR2:17159982	SSF x Far_LoA	-7,607	-0,116	0,288
CHR2	17160032	CHR2:17160032	SSF x Far_LoA	-9,419	-0,090	0,304
CHR2	17160045	CHR2:17160045	SSF x Far_LoA	-8,621	0,049	0,284
CHR2	17175635	CHR2:17175635	SSF x Far_LoA	-11,934	0,077	0,293
CHR2	17180524	CHR2:17180524	SSF x Far_LoA	-5,230	-0,180	0,286
CHR2	17180525	CHR2:17180525	SSF x Far_LoA	-11,793	0,005	0,280
CHR2	17180651	CHR2:17180651	SSF x Far_LoA	-10,568	-0,016	0,280
CHR2	17190378	CHR2:17190378	SSF x Far_LoA	-9,860	-0,020	0,294
CHR2	17190442	CHR2:17190442	SSF x Far_LoA	-11,520	-0,003	0,287
CHR2	17190464	CHR2:17190464	SSF x Far_LoA	-10,723	0,002	0,286
CHR2	17190475	CHR2:17190475	SSF x Far_LoA	-10,896	-0,013	0,280
CHR2	17190539	CHR2:17190539	SSF x Far_LoA	-4,986	0,015	0,299
CHR2	17199498	CHR2:17199498	SSF x Far_LoA	-7,948	0,087	0,308
CHR2	17199664	CHR2:17199664	SSF x Far_LoA	-9,348	0,025	0,290
CHR2	17199680	CHR2:17199680	SSF x Far_LoA	-8,653	0,038	0,280
CHR2	17199760	CHR2:17199760	SSF x Far_LoA	-9,833	0,010	0,292
CHR2	17199820	CHR2:17199820	SSF x Far_LoA	-8,518	0,003	0,283

CHR2	1722124	CHR2:1722124	SSF x Far_LoA	-9,741	-0,009	0,302
CHR2	1722461	CHR2:1722461	SSF x Far_LoA	-9,227	0,031	0,290
CHR2	17229770	CHR2:17229770	SSF x Far_LoA	-10,001	-0,090	0,295
CHR2	17229807	CHR2:17229807	SSF x Far_LoA	-8,578	0,055	0,292
CHR2	17253378	CHR2:17253378	SSF x Far_LoA	-5,862	0,124	0,281
CHR2	17258533	CHR2:17258533	SSF x Far_LoA	-8,945	-0,094	0,294
CHR2	17264469	CHR2:17264469	SSF x Far_LoA	-8,661	0,082	0,283
CHR2	17264505	CHR2:17264505	SSF x Far_LoA	-11,038	-0,009	0,299
CHR2	17323748	CHR2:17323748	SSF x Far_LoA	-10,992	0,063	0,298
CHR2	17391208	CHR2:17391208	SSF x Far_LoA	-7,312	-0,120	0,286
CHR2	17391209	CHR2:17391209	SSF x Far_LoA	-7,712	-0,090	0,293
CHR2	17398250	CHR2:17398250	SSF x Far_LoA	-4,045	-0,245	0,286
CHR2	17398367	CHR2:17398367	SSF x Far_LoA	-9,744	-0,039	0,298
CHR2	17411110	CHR2:17411110	SSF x Far_LoA	-8,818	-0,046	0,279
CHR2	17411169	CHR2:17411169	SSF x Far_LoA	-8,037	-0,060	0,303
CHR2	1741389	CHR2:1741389	SSF x Far_LoA	-9,705	-0,019	0,290
CHR2	17432956	CHR2:17432956	SSF x Far_LoA	-6,828	0,049	0,298
CHR2	17460146	CHR2:17460146	SSF x Far_LoA	-11,247	-0,018	0,287
CHR2	17460310	CHR2:17460310	SSF x Far_LoA	-7,988	-0,001	0,272
CHR2	17461278	CHR2:17461278	SSF x Far_LoA	-10,428	0,067	0,292
CHR2	17471095	CHR2:17471095	SSF x Far_LoA	-10,878	-0,102	0,296
CHR2	17477619	CHR2:17477619	SSF x Far_LoA	-7,914	-0,011	0,287
CHR2	17477706	CHR2:17477706	SSF x Far_LoA	-9,618	-0,002	0,292
CHR2	17477757	CHR2:17477757	SSF x Far_LoA	-11,071	0,089	0,284
CHR2	17477790	CHR2:17477790	SSF x Far_LoA	-6,696	0,023	0,297
CHR2	17482643	CHR2:17482643	SSF x Far_LoA	-10,084	-0,062	0,296
CHR2	17492850	CHR2:17492850	SSF x Far_LoA	-8,349	0,080	0,294
CHR2	17493265	CHR2:17493265	SSF x Far_LoA	-9,881	0,120	0,280
CHR2	1754681	CHR2:1754681	SSF x Far_LoA	-3,627	0,081	0,320
CHR2	1754729	CHR2:1754729	SSF x Far_LoA	-4,747	0,180	0,278
CHR2	17548438	CHR2:17548438	SSF x Far_LoA	-9,721	-0,019	0,281
CHR2	17548523	CHR2:17548523	SSF x Far_LoA	-6,098	-0,191	0,282
CHR2	17548536	CHR2:17548536	SSF x Far_LoA	-10,376	0,051	0,295
CHR2	17548554	CHR2:17548554	SSF x Far_LoA	-8,603	-0,147	0,269
CHR2	17551589	CHR2:17551589	SSF x Far_LoA	-9,127	0,186	0,280
CHR2	17586532	CHR2:17586532	SSF x Far_LoA	-8,874	0,126	0,280
CHR2	17586549	CHR2:17586549	SSF x Far_LoA	-6,600	0,127	0,291
CHR2	17586561	CHR2:17586561	SSF x Far_LoA	-7,673	0,113	0,290
CHR2	17586568	CHR2:17586568	SSF x Far_LoA	-7,659	0,126	0,297
CHR2	17586570	CHR2:17586570	SSF x Far_LoA	-6,036	0,129	0,291
CHR2	17586616	CHR2:17586616	SSF x Far_LoA	-2,563	0,188	0,273
CHR2	17599592	CHR2:17599592	SSF x Far_LoA	-1,333	0,091	0,296
CHR2	17606316	CHR2:17606316	SSF x Far_LoA	-1,193	0,126	0,296
CHR2	17623612	CHR2:17623612	SSF x Far_LoA	-5,103	-0,069	0,292
CHR2	1762810	CHR2:1762810	SSF x Far_LoA	-9,102	-0,029	0,287
CHR2	17629096	CHR2:17629096	SSF x Far_LoA	-9,374	0,021	0,292
CHR2	1762914	CHR2:1762914	SSF x Far_LoA	-9,612	0,018	0,290
CHR2	17629209	CHR2:17629209	SSF x Far_LoA	-10,758	0,008	0,292
CHR2	17649755	CHR2:17649755	SSF x Far_LoA	-10,677	-0,040	0,296
CHR2	17649792	CHR2:17649792	SSF x Far_LoA	-6,937	0,087	0,304
CHR2	17649825	CHR2:17649825	SSF x Far_LoA	-10,403	-0,057	0,290
CHR2	17649959	CHR2:17649959	SSF x Far_LoA	-11,463	-0,030	0,294
CHR2	1766279	CHR2:1766279	SSF x Far_LoA	-8,753	-0,147	0,283

CHR2	17671481	CHR2:17671481	SSF x Far_LoA	-9,673	0,021	0,290
CHR2	17674427	CHR2:17674427	SSF x Far_LoA	-6,338	0,139	0,296
CHR2	17674437	CHR2:17674437	SSF x Far_LoA	-9,982	0,059	0,284
CHR2	17674533	CHR2:17674533	SSF x Far_LoA	-7,634	-0,049	0,290
CHR2	17686076	CHR2:17686076	SSF x Far_LoA	-1,747	0,191	0,287
CHR2	17686098	CHR2:17686098	SSF x Far_LoA	-7,437	0,149	0,268
CHR2	17686107	CHR2:17686107	SSF x Far_LoA	-6,266	-0,128	0,302
CHR2	17686145	CHR2:17686145	SSF x Far_LoA	-3,397	0,014	0,298
CHR2	17686347	CHR2:17686347	SSF x Far_LoA	-10,107	0,034	0,279
CHR2	17703828	CHR2:17703828	SSF x Far_LoA	-9,650	-0,008	0,288
CHR2	17710859	CHR2:17710859	SSF x Far_LoA	-8,734	0,023	0,283
CHR2	17711746	CHR2:17711746	SSF x Far_LoA	-12,226	-0,070	0,284
CHR2	17711763	CHR2:17711763	SSF x Far_LoA	-11,858	-0,056	0,290
CHR2	17711887	CHR2:17711887	SSF x Far_LoA	-9,105	-0,104	0,292
CHR2	17733675	CHR2:17733675	SSF x Far_LoA	-9,585	0,000	0,290
CHR2	17733676	CHR2:17733676	SSF x Far_LoA	-7,545	0,080	0,294
CHR2	17733722	CHR2:17733722	SSF x Far_LoA	-10,046	0,003	0,306
CHR2	17733755	CHR2:17733755	SSF x Far_LoA	-11,656	0,014	0,276
CHR2	17733760	CHR2:17733760	SSF x Far_LoA	-10,573	-0,019	0,286
CHR2	17733851	CHR2:17733851	SSF x Far_LoA	-6,840	-0,100	0,301
CHR2	17734140	CHR2:17734140	SSF x Far_LoA	-4,943	0,038	0,301
CHR2	17761691	CHR2:17761691	SSF x Far_LoA	-10,819	-0,033	0,294
CHR2	17768028	CHR2:17768028	SSF x Far_LoA	-9,774	0,088	0,296
CHR2	17768126	CHR2:17768126	SSF x Far_LoA	-7,056	-0,134	0,279
CHR2	17768128	CHR2:17768128	SSF x Far_LoA	-8,063	-0,136	0,290
CHR2	17768160	CHR2:17768160	SSF x Far_LoA	-9,108	-0,120	0,296
CHR2	17768240	CHR2:17768240	SSF x Far_LoA	-8,902	-0,088	0,301
CHR2	17768253	CHR2:17768253	SSF x Far_LoA	-12,128	-0,002	0,298
CHR2	17768281	CHR2:17768281	SSF x Far_LoA	-10,943	0,085	0,307
CHR2	17772727	CHR2:17772727	SSF x Far_LoA	-9,934	-0,066	0,281
CHR2	17772755	CHR2:17772755	SSF x Far_LoA	-8,605	-0,078	0,293
CHR2	17772763	CHR2:17772763	SSF x Far_LoA	-10,249	-0,067	0,290
CHR2	17772768	CHR2:17772768	SSF x Far_LoA	-7,797	-0,066	0,297
CHR2	17772814	CHR2:17772814	SSF x Far_LoA	-3,045	-0,181	0,296
CHR2	17772833	CHR2:17772833	SSF x Far_LoA	-7,190	-0,181	0,285
CHR2	17773797	CHR2:17773797	SSF x Far_LoA	-9,101	0,064	0,297
CHR2	17773865	CHR2:17773865	SSF x Far_LoA	-9,263	0,008	0,286
CHR2	17801060	CHR2:17801060	SSF x Far_LoA	-9,639	-0,055	0,294
CHR2	17801196	CHR2:17801196	SSF x Far_LoA	-6,811	0,174	0,282
CHR2	17812587	CHR2:17812587	SSF x Far_LoA	-8,620	0,132	0,269
CHR2	17814402	CHR2:17814402	SSF x Far_LoA	-7,810	-0,026	0,286
CHR2	17814676	CHR2:17814676	SSF x Far_LoA	-9,115	0,085	0,277
CHR2	17814707	CHR2:17814707	SSF x Far_LoA	-6,880	-0,135	0,281
CHR2	17820271	CHR2:17820271	SSF x Far_LoA	-11,146	0,078	0,284
CHR2	17824015	CHR2:17824015	SSF x Far_LoA	-7,904	0,170	0,282
CHR2	17829816	CHR2:17829816	SSF x Far_LoA	-9,511	-0,012	0,279
CHR2	1783793	CHR2:1783793	SSF x Far_LoA	-6,497	-0,010	0,286
CHR2	1783817	CHR2:1783817	SSF x Far_LoA	-10,320	0,043	0,294
CHR2	1783828	CHR2:1783828	SSF x Far_LoA	-7,413	0,031	0,275
CHR2	1783830	CHR2:1783830	SSF x Far_LoA	-8,778	-0,002	0,260
CHR2	17845533	CHR2:17845533	SSF x Far_LoA	-6,338	-0,155	0,303
CHR2	17845705	CHR2:17845705	SSF x Far_LoA	-10,373	0,020	0,296
CHR2	17845758	CHR2:17845758	SSF x Far_LoA	-11,617	-0,026	0,289

CHR2	17867065	CHR2:17867065	SSF x Far_LoA	-8,215	0,007	0,291
CHR2	17867905	CHR2:17867905	SSF x Far_LoA	-9,698	0,049	0,286
CHR2	17867918	CHR2:17867918	SSF x Far_LoA	-8,795	0,091	0,276
CHR2	17871794	CHR2:17871794	SSF x Far_LoA	-9,463	-0,119	0,277
CHR2	1787956	CHR2:1787956	SSF x Far_LoA	-6,513	0,124	0,289
CHR2	1787994	CHR2:1787994	SSF x Far_LoA	-10,130	-0,064	0,291
CHR2	1788072	CHR2:1788072	SSF x Far_LoA	-11,910	0,073	0,286
CHR2	17881865	CHR2:17881865	SSF x Far_LoA	-10,019	0,000	0,288
CHR2	1788190	CHR2:1788190	SSF x Far_LoA	-10,979	0,067	0,286
CHR2	17883826	CHR2:17883826	SSF x Far_LoA	-11,229	-0,102	0,292
CHR2	17884028	CHR2:17884028	SSF x Far_LoA	-6,116	0,161	0,288
CHR2	17890886	CHR2:17890886	SSF x Far_LoA	-11,118	0,092	0,291
CHR2	17890906	CHR2:17890906	SSF x Far_LoA	-10,496	-0,031	0,288
CHR2	17891040	CHR2:17891040	SSF x Far_LoA	-11,347	-0,048	0,298
CHR2	17891177	CHR2:17891177	SSF x Far_LoA	-10,088	0,041	0,285
CHR2	17891191	CHR2:17891191	SSF x Far_LoA	-9,506	-0,089	0,291
CHR2	17894846	CHR2:17894846	SSF x Far_LoA	-11,490	0,063	0,284
CHR2	17895514	CHR2:17895514	SSF x Far_LoA	-9,880	-0,037	0,299
CHR2	17900896	CHR2:17900896	SSF x Far_LoA	-10,312	0,053	0,288
CHR2	17900962	CHR2:17900962	SSF x Far_LoA	-8,415	0,051	0,302
CHR2	17911942	CHR2:17911942	SSF x Far_LoA	-12,405	-0,038	0,287
CHR2	17912031	CHR2:17912031	SSF x Far_LoA	-6,806	0,105	0,295
CHR2	17912815	CHR2:17912815	SSF x Far_LoA	-8,564	0,129	0,277
CHR2	17912880	CHR2:17912880	SSF x Far_LoA	-9,566	-0,035	0,300
CHR2	17912881	CHR2:17912881	SSF x Far_LoA	-11,232	0,051	0,282
CHR2	17912925	CHR2:17912925	SSF x Far_LoA	-8,867	0,068	0,289
CHR2	17916128	CHR2:17916128	SSF x Far_LoA	-9,936	0,046	0,310
CHR2	17916397	CHR2:17916397	SSF x Far_LoA	-10,396	0,025	0,302
CHR2	17916402	CHR2:17916402	SSF x Far_LoA	-9,455	0,112	0,293
CHR2	17919277	CHR2:17919277	SSF x Far_LoA	-8,503	-0,034	0,289
CHR2	17919292	CHR2:17919292	SSF x Far_LoA	-7,642	-0,084	0,292
CHR2	17919310	CHR2:17919310	SSF x Far_LoA	-9,015	-0,089	0,275
CHR2	17919316	CHR2:17919316	SSF x Far_LoA	-8,458	-0,019	0,294
CHR2	17919330	CHR2:17919330	SSF x Far_LoA	-7,081	-0,071	0,285
CHR2	17919424	CHR2:17919424	SSF x Far_LoA	-9,156	-0,033	0,287
CHR2	17927640	CHR2:17927640	SSF x Far_LoA	-10,143	0,047	0,303
CHR2	17935371	CHR2:17935371	SSF x Far_LoA	-9,374	0,024	0,298
CHR2	17935462	CHR2:17935462	SSF x Far_LoA	-11,115	0,044	0,290
CHR2	17935634	CHR2:17935634	SSF x Far_LoA	-8,781	-0,131	0,283
CHR2	17935635	CHR2:17935635	SSF x Far_LoA	-8,538	-0,142	0,294
CHR2	17935637	CHR2:17935637	SSF x Far_LoA	-7,391	0,036	0,289
CHR2	1794560	CHR2:1794560	SSF x Far_LoA	-6,201	-0,049	0,294
CHR2	1794658	CHR2:1794658	SSF x Far_LoA	-10,481	0,010	0,295
CHR2	17962121	CHR2:17962121	SSF x Far_LoA	-11,566	0,000	0,280
CHR2	17962150	CHR2:17962150	SSF x Far_LoA	-10,019	0,066	0,290
CHR2	17968841	CHR2:17968841	SSF x Far_LoA	-6,012	-0,031	0,293
CHR2	17968855	CHR2:17968855	SSF x Far_LoA	-9,355	0,051	0,284
CHR2	17968893	CHR2:17968893	SSF x Far_LoA	-10,850	0,088	0,300
CHR2	1797000	CHR2:1797000	SSF x Far_LoA	-11,725	0,039	0,283
CHR2	1797021	CHR2:1797021	SSF x Far_LoA	-9,013	-0,024	0,301
CHR2	1797027	CHR2:1797027	SSF x Far_LoA	-8,576	-0,035	0,302
CHR2	1798807	CHR2:1798807	SSF x Far_LoA	-10,617	-0,044	0,285
CHR2	1798823	CHR2:1798823	SSF x Far_LoA	-10,147	-0,006	0,300

CHR2	1798881	CHR2:1798881	SSF x Far_LoA	-11,270	-0,081	0,286
CHR2	18011668	CHR2:18011668	SSF x Far_LoA	-11,049	0,014	0,290
CHR2	18014644	CHR2:18014644	SSF x Far_LoA	-4,237	-0,015	0,298
CHR2	18023895	CHR2:18023895	SSF x Far_LoA	-8,047	-0,090	0,275
CHR2	18024088	CHR2:18024088	SSF x Far_LoA	-7,782	0,017	0,306
CHR2	18035801	CHR2:18035801	SSF x Far_LoA	-10,698	-0,003	0,309
CHR2	18039704	CHR2:18039704	SSF x Far_LoA	-7,728	-0,177	0,276
CHR2	18039720	CHR2:18039720	SSF x Far_LoA	-9,693	0,016	0,287
CHR2	18039725	CHR2:18039725	SSF x Far_LoA	-9,112	-0,036	0,299
CHR2	18039782	CHR2:18039782	SSF x Far_LoA	-10,316	0,001	0,287
CHR2	18039790	CHR2:18039790	SSF x Far_LoA	-7,973	0,103	0,302
CHR2	18039828	CHR2:18039828	SSF x Far_LoA	-8,663	-0,095	0,298
CHR2	18040348	CHR2:18040348	SSF x Far_LoA	-9,045	-0,119	0,305
CHR2	18040419	CHR2:18040419	SSF x Far_LoA	-9,724	-0,054	0,281
CHR2	18041724	CHR2:18041724	SSF x Far_LoA	-9,263	0,058	0,285
CHR2	18041879	CHR2:18041879	SSF x Far_LoA	-8,069	-0,147	0,288
CHR2	18041993	CHR2:18041993	SSF x Far_LoA	-6,441	0,181	0,277
CHR2	18054160	CHR2:18054160	SSF x Far_LoA	-5,485	-0,091	0,308
CHR2	18054161	CHR2:18054161	SSF x Far_LoA	-10,282	-0,060	0,301
CHR2	18054166	CHR2:18054166	SSF x Far_LoA	-7,225	-0,058	0,299
CHR2	18054264	CHR2:18054264	SSF x Far_LoA	-10,194	0,084	0,279
CHR2	18054594	CHR2:18054594	SSF x Far_LoA	-12,061	0,033	0,284
CHR2	18054599	CHR2:18054599	SSF x Far_LoA	-10,369	-0,094	0,284
CHR2	18058014	CHR2:18058014	SSF x Far_LoA	-8,182	0,138	0,288
CHR2	18058037	CHR2:18058037	SSF x Far_LoA	-7,671	0,127	0,286
CHR2	18058067	CHR2:18058067	SSF x Far_LoA	-3,638	-0,114	0,288
CHR2	18059352	CHR2:18059352	SSF x Far_LoA	-11,941	0,055	0,282
CHR2	18059388	CHR2:18059388	SSF x Far_LoA	-10,762	-0,015	0,301
CHR2	18083481	CHR2:18083481	SSF x Far_LoA	-6,701	0,134	0,292
CHR2	18083512	CHR2:18083512	SSF x Far_LoA	-8,882	-0,076	0,302
CHR2	18084966	CHR2:18084966	SSF x Far_LoA	-9,924	-0,118	0,276
CHR2	18104999	CHR2:18104999	SSF x Far_LoA	-7,718	0,067	0,294
CHR2	18112316	CHR2:18112316	SSF x Far_LoA	-5,363	-0,028	0,293
CHR2	18112326	CHR2:18112326	SSF x Far_LoA	-7,958	-0,084	0,288
CHR2	18120728	CHR2:18120728	SSF x Far_LoA	-11,730	-0,055	0,294
CHR2	18120762	CHR2:18120762	SSF x Far_LoA	-9,753	-0,011	0,286
CHR2	18120794	CHR2:18120794	SSF x Far_LoA	-11,280	-0,032	0,302
CHR2	18120839	CHR2:18120839	SSF x Far_LoA	-10,450	-0,014	0,282
CHR2	18120905	CHR2:18120905	SSF x Far_LoA	-10,221	0,030	0,272
CHR2	18120927	CHR2:18120927	SSF x Far_LoA	-8,006	-0,010	0,276
CHR2	18120928	CHR2:18120928	SSF x Far_LoA	-9,589	0,009	0,282
CHR2	18120931	CHR2:18120931	SSF x Far_LoA	-10,639	-0,001	0,277
CHR2	18120941	CHR2:18120941	SSF x Far_LoA	-8,546	-0,060	0,285
CHR2	18120944	CHR2:18120944	SSF x Far_LoA	-9,587	-0,001	0,271
CHR2	18120951	CHR2:18120951	SSF x Far_LoA	-7,860	0,007	0,279
CHR2	18120963	CHR2:18120963	SSF x Far_LoA	-8,461	-0,050	0,285
CHR2	18139525	CHR2:18139525	SSF x Far_LoA	-8,994	0,125	0,283
CHR2	18139547	CHR2:18139547	SSF x Far_LoA	-7,672	0,074	0,280
CHR2	18139557	CHR2:18139557	SSF x Far_LoA	-10,907	-0,023	0,282
CHR2	18139563	CHR2:18139563	SSF x Far_LoA	-10,504	0,095	0,292
CHR2	18144856	CHR2:18144856	SSF x Far_LoA	-9,884	0,122	0,284
CHR2	1815149	CHR2:1815149	SSF x Far_LoA	-9,552	0,092	0,294
CHR2	1815150	CHR2:1815150	SSF x Far_LoA	-7,372	-0,061	0,312

CHR2	18157666	CHR2:18157666	SSF x Far_LoA	-8,454	-0,026	0,293
CHR2	18157801	CHR2:18157801	SSF x Far_LoA	-11,098	0,068	0,285
CHR2	18157807	CHR2:18157807	SSF x Far_LoA	-9,509	-0,030	0,287
CHR2	18158789	CHR2:18158789	SSF x Far_LoA	-9,529	-0,055	0,281
CHR2	18158851	CHR2:18158851	SSF x Far_LoA	-9,385	-0,011	0,290
CHR2	18159012	CHR2:18159012	SSF x Far_LoA	-10,718	0,003	0,292
CHR2	18159068	CHR2:18159068	SSF x Far_LoA	-10,390	0,049	0,273
CHR2	18168622	CHR2:18168622	SSF x Far_LoA	-11,279	-0,050	0,285
CHR2	18174261	CHR2:18174261	SSF x Far_LoA	-11,287	-0,052	0,288
CHR2	18174262	CHR2:18174262	SSF x Far_LoA	-7,086	0,073	0,303
CHR2	18176278	CHR2:18176278	SSF x Far_LoA	-9,168	0,056	0,285
CHR2	18176300	CHR2:18176300	SSF x Far_LoA	-8,604	0,026	0,289
CHR2	18176439	CHR2:18176439	SSF x Far_LoA	-7,889	-0,106	0,295
CHR2	18199814	CHR2:18199814	SSF x Far_LoA	-8,430	-0,042	0,301
CHR2	18199821	CHR2:18199821	SSF x Far_LoA	-8,704	-0,100	0,275
CHR2	18199827	CHR2:18199827	SSF x Far_LoA	-10,699	-0,043	0,306
CHR2	18200195	CHR2:18200195	SSF x Far_LoA	-11,081	0,051	0,282
CHR2	1820089	CHR2:1820089	SSF x Far_LoA	-8,889	0,086	0,294
CHR2	1820096	CHR2:1820096	SSF x Far_LoA	-9,024	0,085	0,294
CHR2	1820166	CHR2:1820166	SSF x Far_LoA	-9,109	0,025	0,289
CHR2	18211711	CHR2:18211711	SSF x Far_LoA	-7,409	0,168	0,273
CHR2	18211738	CHR2:18211738	SSF x Far_LoA	-6,920	0,032	0,289
CHR2	18214965	CHR2:18214965	SSF x Far_LoA	-8,735	0,068	0,276
CHR2	18215085	CHR2:18215085	SSF x Far_LoA	-9,398	0,176	0,288
CHR2	18215114	CHR2:18215114	SSF x Far_LoA	-10,552	-0,009	0,279
CHR2	18215158	CHR2:18215158	SSF x Far_LoA	-9,492	0,001	0,290
CHR2	18231193	CHR2:18231193	SSF x Far_LoA	-8,657	-0,024	0,290
CHR2	18231488	CHR2:18231488	SSF x Far_LoA	-11,507	-0,040	0,302
CHR2	18240185	CHR2:18240185	SSF x Far_LoA	-11,385	0,055	0,284
CHR2	18240315	CHR2:18240315	SSF x Far_LoA	-9,694	-0,111	0,294
CHR2	18240326	CHR2:18240326	SSF x Far_LoA	-11,388	-0,048	0,297
CHR2	18240437	CHR2:18240437	SSF x Far_LoA	-8,068	0,142	0,281
CHR2	1824568	CHR2:1824568	SSF x Far_LoA	-11,789	0,035	0,287
CHR2	18255940	CHR2:18255940	SSF x Far_LoA	-9,379	0,014	0,298
CHR2	18256944	CHR2:18256944	SSF x Far_LoA	-7,390	0,132	0,284
CHR2	18266400	CHR2:18266400	SSF x Far_LoA	1,428	-0,162	0,285
CHR2	18266486	CHR2:18266486	SSF x Far_LoA	-3,672	-0,055	0,287
CHR2	18284944	CHR2:18284944	SSF x Far_LoA	-9,229	0,026	0,292
CHR2	18296686	CHR2:18296686	SSF x Far_LoA	-6,164	0,152	0,282
CHR2	18296823	CHR2:18296823	SSF x Far_LoA	-8,780	0,013	0,270
CHR2	18296832	CHR2:18296832	SSF x Far_LoA	-5,177	0,054	0,289
CHR2	18297119	CHR2:18297119	SSF x Far_LoA	-9,537	-0,019	0,287
CHR2	18303331	CHR2:18303331	SSF x Far_LoA	-8,474	0,014	0,309
CHR2	18303401	CHR2:18303401	SSF x Far_LoA	-10,167	0,016	0,295
CHR2	18303440	CHR2:18303440	SSF x Far_LoA	-7,809	-0,087	0,294
CHR2	18309130	CHR2:18309130	SSF x Far_LoA	-11,647	0,002	0,299
CHR2	18309215	CHR2:18309215	SSF x Far_LoA	-8,184	0,052	0,288
CHR2	18315640	CHR2:18315640	SSF x Far_LoA	-11,110	0,086	0,290
CHR2	18315661	CHR2:18315661	SSF x Far_LoA	-8,291	0,066	0,279
CHR2	18322830	CHR2:18322830	SSF x Far_LoA	-9,872	-0,011	0,296
CHR2	18322845	CHR2:18322845	SSF x Far_LoA	-6,278	-0,005	0,298
CHR2	18327428	CHR2:18327428	SSF x Far_LoA	-10,421	0,093	0,300
CHR2	18327488	CHR2:18327488	SSF x Far_LoA	-8,044	0,040	0,309

CHR2	18336858	CHR2:18336858	SSF x Far_LoA	-10,736	-0,026	0,282
CHR2	18337059	CHR2:18337059	SSF x Far_LoA	-9,859	-0,036	0,287
CHR2	18337112	CHR2:18337112	SSF x Far_LoA	-4,656	-0,091	0,304
CHR2	18337116	CHR2:18337116	SSF x Far_LoA	-12,063	0,034	0,292
CHR2	18337146	CHR2:18337146	SSF x Far_LoA	-5,268	-0,064	0,290
CHR2	18337148	CHR2:18337148	SSF x Far_LoA	-8,239	-0,048	0,276
CHR2	18354530	CHR2:18354530	SSF x Far_LoA	-11,041	-0,051	0,296
CHR2	18354592	CHR2:18354592	SSF x Far_LoA	-8,845	-0,047	0,286
CHR2	18355134	CHR2:18355134	SSF x Far_LoA	-7,521	0,183	0,286
CHR2	18355144	CHR2:18355144	SSF x Far_LoA	-8,071	0,163	0,291
CHR2	18355327	CHR2:18355327	SSF x Far_LoA	-6,627	0,189	0,289
CHR2	18355373	CHR2:18355373	SSF x Far_LoA	-7,265	0,162	0,288
CHR2	18359577	CHR2:18359577	SSF x Far_LoA	-9,670	0,023	0,284
CHR2	18359641	CHR2:18359641	SSF x Far_LoA	-10,819	-0,036	0,296
CHR2	18359643	CHR2:18359643	SSF x Far_LoA	-10,042	-0,052	0,295
CHR2	18359728	CHR2:18359728	SSF x Far_LoA	-11,164	0,071	0,291
CHR2	18359791	CHR2:18359791	SSF x Far_LoA	-8,401	0,058	0,298
CHR2	18368129	CHR2:18368129	SSF x Far_LoA	-9,242	0,059	0,293
CHR2	18368168	CHR2:18368168	SSF x Far_LoA	-8,202	0,075	0,291
CHR2	18369265	CHR2:18369265	SSF x Far_LoA	-9,997	-0,076	0,293
CHR2	18369316	CHR2:18369316	SSF x Far_LoA	-11,224	0,026	0,299
CHR2	18378086	CHR2:18378086	SSF x Far_LoA	-10,282	-0,104	0,287
CHR2	18378145	CHR2:18378145	SSF x Far_LoA	-7,013	-0,094	0,298
CHR2	18378210	CHR2:18378210	SSF x Far_LoA	-10,645	-0,080	0,284
CHR2	18378297	CHR2:18378297	SSF x Far_LoA	-7,456	-0,137	0,279
CHR2	18378340	CHR2:18378340	SSF x Far_LoA	-6,853	-0,147	0,274
CHR2	18378390	CHR2:18378390	SSF x Far_LoA	-8,897	0,124	0,269
CHR2	18380853	CHR2:18380853	SSF x Far_LoA	-7,808	-0,051	0,291
CHR2	1838122	CHR2:1838122	SSF x Far_LoA	-10,280	-0,089	0,290
CHR2	18398746	CHR2:18398746	SSF x Far_LoA	-6,665	0,118	0,283
CHR2	18398837	CHR2:18398837	SSF x Far_LoA	-11,706	-0,023	0,298
CHR2	18403210	CHR2:18403210	SSF x Far_LoA	-10,728	0,002	0,283
CHR2	18403235	CHR2:18403235	SSF x Far_LoA	-12,130	-0,035	0,288
CHR2	18403293	CHR2:18403293	SSF x Far_LoA	-7,754	0,089	0,292
CHR2	18412431	CHR2:18412431	SSF x Far_LoA	-6,666	0,072	0,297
CHR2	18412559	CHR2:18412559	SSF x Far_LoA	-10,358	-0,029	0,299
CHR2	18425400	CHR2:18425400	SSF x Far_LoA	-11,765	-0,032	0,282
CHR2	18425529	CHR2:18425529	SSF x Far_LoA	-9,439	0,136	0,288
CHR2	18425637	CHR2:18425637	SSF x Far_LoA	-9,270	-0,006	0,296
CHR2	18427386	CHR2:18427386	SSF x Far_LoA	-6,880	-0,172	0,279
CHR2	18427395	CHR2:18427395	SSF x Far_LoA	-7,573	-0,141	0,278
CHR2	18427460	CHR2:18427460	SSF x Far_LoA	-9,839	-0,120	0,286
CHR2	18427583	CHR2:18427583	SSF x Far_LoA	-10,100	-0,051	0,293
CHR2	18427645	CHR2:18427645	SSF x Far_LoA	-8,423	0,067	0,295
CHR2	18427654	CHR2:18427654	SSF x Far_LoA	-7,839	-0,117	0,277
CHR2	18435933	CHR2:18435933	SSF x Far_LoA	-11,897	-0,009	0,282
CHR2	18435934	CHR2:18435934	SSF x Far_LoA	-10,784	-0,027	0,286
CHR2	18435950	CHR2:18435950	SSF x Far_LoA	-10,741	0,001	0,303
CHR2	18435952	CHR2:18435952	SSF x Far_LoA	-11,156	-0,027	0,285
CHR2	18436097	CHR2:18436097	SSF x Far_LoA	-12,305	0,007	0,289
CHR2	18467803	CHR2:18467803	SSF x Far_LoA	-7,856	0,070	0,291
CHR2	18468067	CHR2:18468067	SSF x Far_LoA	-10,379	-0,035	0,285
CHR2	18479434	CHR2:18479434	SSF x Far_LoA	-10,390	-0,101	0,285

CHR2	18480495	CHR2:18480495	SSF x Far_LoA	-9,050	0,064	0,274
CHR2	18480555	CHR2:18480555	SSF x Far_LoA	-8,786	0,050	0,297
CHR2	18480571	CHR2:18480571	SSF x Far_LoA	-8,893	0,059	0,285
CHR2	18480608	CHR2:18480608	SSF x Far_LoA	-8,179	-0,023	0,289
CHR2	18480654	CHR2:18480654	SSF x Far_LoA	-7,872	-0,041	0,305
CHR2	18488710	CHR2:18488710	SSF x Far_LoA	-10,127	-0,012	0,288
CHR2	18488927	CHR2:18488927	SSF x Far_LoA	-10,968	-0,026	0,293
CHR2	18494320	CHR2:18494320	SSF x Far_LoA	-10,832	-0,060	0,279
CHR2	18494695	CHR2:18494695	SSF x Far_LoA	-8,838	0,029	0,288
CHR2	18528100	CHR2:18528100	SSF x Far_LoA	-8,516	0,129	0,279
CHR2	18528183	CHR2:18528183	SSF x Far_LoA	-9,092	-0,005	0,279
CHR2	18528203	CHR2:18528203	SSF x Far_LoA	-4,536	0,168	0,265
CHR2	18543710	CHR2:18543710	SSF x Far_LoA	-10,274	-0,021	0,308
CHR2	18543749	CHR2:18543749	SSF x Far_LoA	-10,995	-0,026	0,290
CHR2	18556790	CHR2:18556790	SSF x Far_LoA	-10,915	-0,067	0,294
CHR2	18556837	CHR2:18556837	SSF x Far_LoA	-6,847	0,106	0,289
CHR2	18556838	CHR2:18556838	SSF x Far_LoA	-7,890	0,088	0,292
CHR2	18556888	CHR2:18556888	SSF x Far_LoA	-11,614	-0,017	0,291
CHR2	18556911	CHR2:18556911	SSF x Far_LoA	-11,487	-0,025	0,301
CHR2	18559995	CHR2:18559995	SSF x Far_LoA	-5,984	-0,150	0,296
CHR2	18560362	CHR2:18560362	SSF x Far_LoA	-10,253	0,145	0,292
CHR2	18577029	CHR2:18577029	SSF x Far_LoA	-7,888	0,071	0,301
CHR2	18577183	CHR2:18577183	SSF x Far_LoA	-8,904	0,019	0,303
CHR2	18577214	CHR2:18577214	SSF x Far_LoA	-8,813	-0,053	0,295
CHR2	18581534	CHR2:18581534	SSF x Far_LoA	-9,911	-0,099	0,294
CHR2	18586493	CHR2:18586493	SSF x Far_LoA	-8,869	0,096	0,287
CHR2	18591508	CHR2:18591508	SSF x Far_LoA	-10,388	-0,099	0,289
CHR2	18605695	CHR2:18605695	SSF x Far_LoA	-7,175	0,105	0,288
CHR2	18605778	CHR2:18605778	SSF x Far_LoA	-5,741	-0,207	0,275
CHR2	18605827	CHR2:18605827	SSF x Far_LoA	-7,250	-0,168	0,286
CHR2	18605828	CHR2:18605828	SSF x Far_LoA	-6,130	-0,175	0,292
CHR2	18606374	CHR2:18606374	SSF x Far_LoA	-8,595	-0,109	0,291
CHR2	1862817	CHR2:1862817	SSF x Far_LoA	-10,949	-0,122	0,288
CHR2	1862851	CHR2:1862851	SSF x Far_LoA	-3,086	-0,097	0,290
CHR2	1862863	CHR2:1862863	SSF x Far_LoA	-6,355	-0,016	0,303
CHR2	1862867	CHR2:1862867	SSF x Far_LoA	-8,843	-0,010	0,287
CHR2	1862888	CHR2:1862888	SSF x Far_LoA	-4,447	-0,006	0,299
CHR2	18631706	CHR2:18631706	SSF x Far_LoA	-9,093	-0,070	0,285
CHR2	18642837	CHR2:18642837	SSF x Far_LoA	-5,077	-0,163	0,289
CHR2	18667271	CHR2:18667271	SSF x Far_LoA	-8,120	-0,114	0,286
CHR2	18667408	CHR2:18667408	SSF x Far_LoA	-9,160	-0,103	0,277
CHR2	18682627	CHR2:18682627	SSF x Far_LoA	-11,314	-0,039	0,292
CHR2	18699100	CHR2:18699100	SSF x Far_LoA	-8,203	-0,150	0,297
CHR2	18699138	CHR2:18699138	SSF x Far_LoA	-6,218	-0,151	0,284
CHR2	18699146	CHR2:18699146	SSF x Far_LoA	-7,887	-0,106	0,283
CHR2	18699173	CHR2:18699173	SSF x Far_LoA	-3,603	-0,036	0,280
CHR2	18699224	CHR2:18699224	SSF x Far_LoA	-8,543	-0,054	0,290
CHR2	18703402	CHR2:18703402	SSF x Far_LoA	-10,406	0,004	0,284
CHR2	18703415	CHR2:18703415	SSF x Far_LoA	-9,996	0,022	0,299
CHR2	18703423	CHR2:18703423	SSF x Far_LoA	-10,795	0,018	0,304
CHR2	18703514	CHR2:18703514	SSF x Far_LoA	-10,506	-0,058	0,288
CHR2	18719377	CHR2:18719377	SSF x Far_LoA	-8,521	-0,115	0,297
CHR2	18719692	CHR2:18719692	SSF x Far_LoA	-9,286	-0,153	0,290

CHR2	18719716	CHR2:18719716	SSF x Far_LoA	-10,742	-0,006	0,291
CHR2	18719770	CHR2:18719770	SSF x Far_LoA	-5,154	0,102	0,307
CHR2	1874724	CHR2:1874724	SSF x Far_LoA	-6,873	0,070	0,300
CHR2	1874774	CHR2:1874774	SSF x Far_LoA	-10,589	0,047	0,285
CHR2	1875946	CHR2:1875946	SSF x Far_LoA	-10,390	-0,111	0,277
CHR2	18797593	CHR2:18797593	SSF x Far_LoA	-8,065	-0,073	0,284
CHR2	18797613	CHR2:18797613	SSF x Far_LoA	-10,529	0,071	0,276
CHR2	18797869	CHR2:18797869	SSF x Far_LoA	-6,406	-0,176	0,289
CHR2	18797877	CHR2:18797877	SSF x Far_LoA	-11,514	0,035	0,287
CHR2	18797976	CHR2:18797976	SSF x Far_LoA	-11,012	0,004	0,286
CHR2	18815048	CHR2:18815048	SSF x Far_LoA	-9,196	0,087	0,294
CHR2	18815098	CHR2:18815098	SSF x Far_LoA	-8,309	0,063	0,289
CHR2	18815222	CHR2:18815222	SSF x Far_LoA	-9,884	0,063	0,285
CHR2	18815229	CHR2:18815229	SSF x Far_LoA	-8,605	0,065	0,286
CHR2	18815250	CHR2:18815250	SSF x Far_LoA	-8,914	0,122	0,307
CHR2	18818550	CHR2:18818550	SSF x Far_LoA	-9,186	0,095	0,286
CHR2	18839215	CHR2:18839215	SSF x Far_LoA	-8,635	0,043	0,299
CHR2	18854772	CHR2:18854772	SSF x Far_LoA	-7,192	0,126	0,292
CHR2	18854811	CHR2:18854811	SSF x Far_LoA	-8,565	-0,081	0,286
CHR2	18855746	CHR2:18855746	SSF x Far_LoA	-8,490	-0,071	0,282
CHR2	18855797	CHR2:18855797	SSF x Far_LoA	-11,460	0,042	0,289
CHR2	18855905	CHR2:18855905	SSF x Far_LoA	-9,583	-0,042	0,273
CHR2	1887584	CHR2:1887584	SSF x Far_LoA	-5,311	-0,171	0,275
CHR2	1887597	CHR2:1887597	SSF x Far_LoA	-8,518	-0,064	0,294
CHR2	1887599	CHR2:1887599	SSF x Far_LoA	-8,166	0,005	0,295
CHR2	1887672	CHR2:1887672	SSF x Far_LoA	-11,428	-0,006	0,282
CHR2	1887682	CHR2:1887682	SSF x Far_LoA	-10,699	-0,022	0,287
CHR2	1887703	CHR2:1887703	SSF x Far_LoA	-9,466	-0,061	0,297
CHR2	1887781	CHR2:1887781	SSF x Far_LoA	-8,926	0,154	0,275
CHR2	18890206	CHR2:18890206	SSF x Far_LoA	-6,280	-0,153	0,297
CHR2	1891724	CHR2:1891724	SSF x Far_LoA	-9,865	0,103	0,278
CHR2	1891758	CHR2:1891758	SSF x Far_LoA	-9,054	0,008	0,295
CHR2	18921256	CHR2:18921256	SSF x Far_LoA	-8,190	0,150	0,278
CHR2	18977046	CHR2:18977046	SSF x Far_LoA	-11,547	-0,085	0,299
CHR2	18983326	CHR2:18983326	SSF x Far_LoA	-7,780	-0,072	0,294
CHR2	18983381	CHR2:18983381	SSF x Far_LoA	-10,272	-0,033	0,290
CHR2	18983405	CHR2:18983405	SSF x Far_LoA	-12,158	0,005	0,275
CHR2	18987172	CHR2:18987172	SSF x Far_LoA	-8,480	0,164	0,290
CHR2	18995809	CHR2:18995809	SSF x Far_LoA	-9,859	0,069	0,273
CHR2	1904224	CHR2:1904224	SSF x Far_LoA	-9,491	0,009	0,281
CHR2	19050082	CHR2:19050082	SSF x Far_LoA	-11,109	-0,055	0,287
CHR2	19090188	CHR2:19090188	SSF x Far_LoA	-9,755	-0,083	0,296
CHR2	19090519	CHR2:19090519	SSF x Far_LoA	-12,176	-0,006	0,283
CHR2	19140239	CHR2:19140239	SSF x Far_LoA	-5,472	-0,073	0,296
CHR2	19147622	CHR2:19147622	SSF x Far_LoA	-9,251	-0,137	0,280
CHR2	19147833	CHR2:19147833	SSF x Far_LoA	-8,397	-0,099	0,286
CHR2	19186312	CHR2:19186312	SSF x Far_LoA	-10,201	0,069	0,298
CHR2	19201494	CHR2:19201494	SSF x Far_LoA	-7,136	-0,154	0,290
CHR2	19201611	CHR2:19201611	SSF x Far_LoA	-7,938	-0,049	0,278
CHR2	1949433	CHR2:1949433	SSF x Far_LoA	-11,933	0,034	0,291
CHR2	1949599	CHR2:1949599	SSF x Far_LoA	-9,045	-0,054	0,299
CHR2	1951840	CHR2:1951840	SSF x Far_LoA	-9,916	0,026	0,285
CHR2	1979330	CHR2:1979330	SSF x Far_LoA	-10,967	-0,016	0,287

CHR2	1979392	CHR2:1979392	SSF x Far_LoA	-6,696	-0,117	0,283
CHR2	1983930	CHR2:1983930	SSF x Far_LoA	-6,644	-0,150	0,271
CHR2	1984024	CHR2:1984024	SSF x Far_LoA	-11,525	-0,004	0,283
CHR2	1994318	CHR2:1994318	SSF x Far_LoA	-1,702	0,210	0,291
CHR2	1994493	CHR2:1994493	SSF x Far_LoA	-9,460	0,033	0,287
CHR2	2004968	CHR2:2004968	SSF x Far_LoA	-9,935	0,067	0,281
CHR2	2004984	CHR2:2004984	SSF x Far_LoA	-9,741	0,061	0,276
CHR2	2004995	CHR2:2004995	SSF x Far_LoA	-10,768	0,080	0,285
CHR2	2005207	CHR2:2005207	SSF x Far_LoA	-10,158	-0,077	0,282
CHR2	2034869	CHR2:2034869	SSF x Far_LoA	-10,555	-0,125	0,278
CHR2	2034876	CHR2:2034876	SSF x Far_LoA	-4,828	0,149	0,285
CHR2	2039716	CHR2:2039716	SSF x Far_LoA	-9,367	-0,023	0,303
CHR2	2066886	CHR2:2066886	SSF x Far_LoA	-7,173	0,038	0,291
CHR2	2066887	CHR2:2066887	SSF x Far_LoA	-6,653	-0,040	0,298
CHR2	2066925	CHR2:2066925	SSF x Far_LoA	-7,756	0,078	0,298
CHR2	2066938	CHR2:2066938	SSF x Far_LoA	-10,067	0,023	0,288
CHR2	2067130	CHR2:2067130	SSF x Far_LoA	-10,235	0,108	0,287
CHR2	2079306	CHR2:2079306	SSF x Far_LoA	-8,066	-0,026	0,296
CHR2	2088666	CHR2:2088666	SSF x Far_LoA	-6,898	0,117	0,288
CHR2	2088683	CHR2:2088683	SSF x Far_LoA	-9,009	-0,009	0,303
CHR2	2088694	CHR2:2088694	SSF x Far_LoA	-9,596	0,031	0,297
CHR2	2090804	CHR2:2090804	SSF x Far_LoA	-10,553	0,081	0,288
CHR2	2090931	CHR2:2090931	SSF x Far_LoA	-6,756	-0,068	0,283
CHR2	2090933	CHR2:2090933	SSF x Far_LoA	-7,998	0,069	0,277
CHR2	2090936	CHR2:2090936	SSF x Far_LoA	-6,961	0,182	0,260
CHR2	2138917	CHR2:2138917	SSF x Far_LoA	-11,281	-0,054	0,283
CHR2	2138960	CHR2:2138960	SSF x Far_LoA	-10,541	0,083	0,300
CHR2	2138981	CHR2:2138981	SSF x Far_LoA	-8,744	-0,019	0,296
CHR2	2138983	CHR2:2138983	SSF x Far_LoA	-10,578	0,058	0,295
CHR2	2138987	CHR2:2138987	SSF x Far_LoA	-10,482	-0,018	0,284
CHR2	2138995	CHR2:2138995	SSF x Far_LoA	-10,807	0,046	0,299
CHR2	2139018	CHR2:2139018	SSF x Far_LoA	-7,518	0,045	0,299
CHR2	2139078	CHR2:2139078	SSF x Far_LoA	-8,112	-0,023	0,297
CHR2	2139081	CHR2:2139081	SSF x Far_LoA	-7,823	0,008	0,298
CHR2	2139082	CHR2:2139082	SSF x Far_LoA	-6,826	-0,016	0,305
CHR2	2148437	CHR2:2148437	SSF x Far_LoA	-1,425	-0,001	0,298
CHR2	2148468	CHR2:2148468	SSF x Far_LoA	-9,289	0,101	0,301
CHR2	2154921	CHR2:2154921	SSF x Far_LoA	-11,716	0,107	0,279
CHR2	2155035	CHR2:2155035	SSF x Far_LoA	-9,259	-0,089	0,288
CHR2	2155051	CHR2:2155051	SSF x Far_LoA	-6,142	-0,073	0,278
CHR2	2155087	CHR2:2155087	SSF x Far_LoA	-9,147	-0,002	0,284
CHR2	2161643	CHR2:2161643	SSF x Far_LoA	-7,509	0,103	0,269
CHR2	2161668	CHR2:2161668	SSF x Far_LoA	-9,907	-0,018	0,295
CHR2	2161677	CHR2:2161677	SSF x Far_LoA	-8,023	-0,068	0,285
CHR2	2161707	CHR2:2161707	SSF x Far_LoA	-9,057	0,124	0,286
CHR2	2161737	CHR2:2161737	SSF x Far_LoA	-9,132	-0,054	0,276
CHR2	2161738	CHR2:2161738	SSF x Far_LoA	-11,860	-0,013	0,297
CHR2	2161745	CHR2:2161745	SSF x Far_LoA	-12,229	-0,038	0,277
CHR2	2162971	CHR2:2162971	SSF x Far_LoA	-10,897	0,000	0,269
CHR2	2162988	CHR2:2162988	SSF x Far_LoA	-9,626	0,113	0,289
CHR2	2162989	CHR2:2162989	SSF x Far_LoA	-8,023	0,187	0,295
CHR2	2163005	CHR2:2163005	SSF x Far_LoA	-8,201	0,054	0,300
CHR2	2163009	CHR2:2163009	SSF x Far_LoA	-7,681	0,140	0,292

CHR2	2163082	CHR2:2163082	SSF x Far_LoA	-9,937	-0,035	0,293
CHR2	2163132	CHR2:2163132	SSF x Far_LoA	-11,096	0,077	0,276
CHR2	2167047	CHR2:2167047	SSF x Far_LoA	-5,834	-0,009	0,297
CHR2	2167048	CHR2:2167048	SSF x Far_LoA	-3,739	-0,003	0,314
CHR2	2167049	CHR2:2167049	SSF x Far_LoA	-8,810	-0,010	0,296
CHR2	2167063	CHR2:2167063	SSF x Far_LoA	-10,178	0,036	0,285
CHR2	2167076	CHR2:2167076	SSF x Far_LoA	-8,959	-0,053	0,291
CHR2	2172544	CHR2:2172544	SSF x Far_LoA	-8,343	0,094	0,287
CHR2	2172564	CHR2:2172564	SSF x Far_LoA	-9,776	0,074	0,282
CHR2	2173468	CHR2:2173468	SSF x Far_LoA	-10,325	-0,103	0,297
CHR2	2173509	CHR2:2173509	SSF x Far_LoA	-7,830	0,083	0,289
CHR2	2173515	CHR2:2173515	SSF x Far_LoA	10,048	0,126	0,289
CHR2	2173584	CHR2:2173584	SSF x Far_LoA	-6,847	0,039	0,291
CHR2	2187885	CHR2:2187885	SSF x Far_LoA	-9,576	-0,017	0,301
CHR2	2188060	CHR2:2188060	SSF x Far_LoA	-9,221	0,040	0,299
CHR2	2212366	CHR2:2212366	SSF x Far_LoA	-9,854	-0,081	0,295
CHR2	2231727	CHR2:2231727	SSF x Far_LoA	-8,699	-0,068	0,299
CHR2	2236771	CHR2:2236771	SSF x Far_LoA	-9,934	0,089	0,295
CHR2	2236927	CHR2:2236927	SSF x Far_LoA	-8,965	-0,158	0,277
CHR2	2241622	CHR2:2241622	SSF x Far_LoA	-10,959	0,002	0,286
CHR2	2241684	CHR2:2241684	SSF x Far_LoA	-8,764	0,118	0,288
CHR2	2241821	CHR2:2241821	SSF x Far_LoA	-6,481	-0,133	0,295
CHR2	2251261	CHR2:2251261	SSF x Far_LoA	-8,220	-0,015	0,301
CHR2	2251268	CHR2:2251268	SSF x Far_LoA	-9,047	-0,035	0,298
CHR2	2251664	CHR2:2251664	SSF x Far_LoA	-10,535	-0,101	0,279
CHR2	225799	CHR2:225799	SSF x Far_LoA	-8,150	-0,074	0,295
CHR2	2263514	CHR2:2263514	SSF x Far_LoA	-9,891	0,021	0,301
CHR2	2263656	CHR2:2263656	SSF x Far_LoA	-9,093	0,050	0,289
CHR2	2263661	CHR2:2263661	SSF x Far_LoA	-6,192	0,078	0,290
CHR2	2278190	CHR2:2278190	SSF x Far_LoA	-9,921	-0,062	0,298
CHR2	2278269	CHR2:2278269	SSF x Far_LoA	-9,165	-0,074	0,308
CHR2	2278302	CHR2:2278302	SSF x Far_LoA	-10,280	-0,074	0,291
CHR2	2284228	CHR2:2284228	SSF x Far_LoA	-7,895	-0,029	0,285
CHR2	2284320	CHR2:2284320	SSF x Far_LoA	-9,343	-0,014	0,305
CHR2	2284513	CHR2:2284513	SSF x Far_LoA	-6,484	0,046	0,299
CHR2	2284530	CHR2:2284530	SSF x Far_LoA	-8,093	-0,046	0,286
CHR2	2284543	CHR2:2284543	SSF x Far_LoA	-10,114	0,096	0,281
CHR2	2284571	CHR2:2284571	SSF x Far_LoA	-8,454	0,085	0,294
CHR2	2284604	CHR2:2284604	SSF x Far_LoA	-9,005	0,079	0,296
CHR2	2284658	CHR2:2284658	SSF x Far_LoA	-11,079	0,042	0,293
CHR2	229574	CHR2:229574	SSF x Far_LoA	-10,605	-0,005	0,277
CHR2	229732	CHR2:229732	SSF x Far_LoA	-8,479	-0,151	0,290
CHR2	2308455	CHR2:2308455	SSF x Far_LoA	-10,296	-0,002	0,299
CHR2	2308547	CHR2:2308547	SSF x Far_LoA	-8,940	0,062	0,286
CHR2	2308557	CHR2:2308557	SSF x Far_LoA	-11,201	0,042	0,279
CHR2	2308590	CHR2:2308590	SSF x Far_LoA	-0,110	0,013	0,296
CHR2	2308629	CHR2:2308629	SSF x Far_LoA	-10,075	0,007	0,303
CHR2	2308662	CHR2:2308662	SSF x Far_LoA	-9,789	0,034	0,311
CHR2	2308808	CHR2:2308808	SSF x Far_LoA	-9,577	-0,010	0,288
CHR2	2308845	CHR2:2308845	SSF x Far_LoA	-11,316	-0,015	0,289
CHR2	2308846	CHR2:2308846	SSF x Far_LoA	-8,758	-0,032	0,295
CHR2	2308865	CHR2:2308865	SSF x Far_LoA	-9,985	-0,023	0,293
CHR2	2308876	CHR2:2308876	SSF x Far_LoA	-10,005	0,007	0,288

CHR2	2308880	CHR2:2308880	SSF x Far_LoA	-10,230	-0,007	0,293
CHR2	2308918	CHR2:2308918	SSF x Far_LoA	-7,712	-0,009	0,301
CHR2	2308921	CHR2:2308921	SSF x Far_LoA	-10,492	-0,002	0,294
CHR2	2308923	CHR2:2308923	SSF x Far_LoA	-9,286	0,026	0,293
CHR2	2310392	CHR2:2310392	SSF x Far_LoA	-8,662	0,059	0,293
CHR2	2310411	CHR2:2310411	SSF x Far_LoA	-10,176	-0,010	0,287
CHR2	2310427	CHR2:2310427	SSF x Far_LoA	-9,024	-0,007	0,279
CHR2	2310436	CHR2:2310436	SSF x Far_LoA	-10,860	-0,028	0,287
CHR2	2310518	CHR2:2310518	SSF x Far_LoA	-9,846	-0,035	0,281
CHR2	2310615	CHR2:2310615	SSF x Far_LoA	-10,867	0,004	0,287
CHR2	2325753	CHR2:2325753	SSF x Far_LoA	-9,416	-0,052	0,302
CHR2	2325765	CHR2:2325765	SSF x Far_LoA	-8,316	0,091	0,292
CHR2	2328335	CHR2:2328335	SSF x Far_LoA	-10,286	-0,006	0,292
CHR2	2332091	CHR2:2332091	SSF x Far_LoA	-11,927	-0,031	0,290
CHR2	2332346	CHR2:2332346	SSF x Far_LoA	-9,767	0,063	0,291
CHR2	2334949	CHR2:2334949	SSF x Far_LoA	-11,243	0,069	0,290
CHR2	2339030	CHR2:2339030	SSF x Far_LoA	-10,840	-0,092	0,295
CHR2	2339058	CHR2:2339058	SSF x Far_LoA	-10,713	-0,116	0,292
CHR2	2339356	CHR2:2339356	SSF x Far_LoA	-5,968	-0,181	0,285
CHR2	236206	CHR2:236206	SSF x Far_LoA	-8,640	0,102	0,295
CHR2	2391012	CHR2:2391012	SSF x Far_LoA	-7,835	-0,102	0,285
CHR2	2391028	CHR2:2391028	SSF x Far_LoA	-7,985	-0,121	0,284
CHR2	2391152	CHR2:2391152	SSF x Far_LoA	-8,659	-0,122	0,288
CHR2	243108	CHR2:243108	SSF x Far_LoA	-11,084	-0,051	0,272
CHR2	2433507	CHR2:2433507	SSF x Far_LoA	-8,528	-0,011	0,293
CHR2	2433511	CHR2:2433511	SSF x Far_LoA	-11,308	-0,021	0,282
CHR2	2433529	CHR2:2433529	SSF x Far_LoA	-10,325	0,006	0,286
CHR2	2433555	CHR2:2433555	SSF x Far_LoA	-10,592	0,038	0,287
CHR2	2433598	CHR2:2433598	SSF x Far_LoA	-10,407	0,017	0,289
CHR2	2433599	CHR2:2433599	SSF x Far_LoA	-10,616	0,048	0,302
CHR2	2437931	CHR2:2437931	SSF x Far_LoA	-10,918	0,127	0,289
CHR2	2437987	CHR2:2437987	SSF x Far_LoA	-8,540	0,059	0,299
CHR2	2437994	CHR2:2437994	SSF x Far_LoA	-11,679	0,047	0,294
CHR2	2451470	CHR2:2451470	SSF x Far_LoA	-8,300	0,132	0,296
CHR2	2456118	CHR2:2456118	SSF x Far_LoA	-11,794	0,089	0,268
CHR2	2458284	CHR2:2458284	SSF x Far_LoA	-8,897	0,101	0,289
CHR2	2458601	CHR2:2458601	SSF x Far_LoA	-10,465	0,046	0,296
CHR2	2458642	CHR2:2458642	SSF x Far_LoA	-11,510	0,032	0,280
CHR2	2497090	CHR2:2497090	SSF x Far_LoA	-10,681	-0,028	0,272
CHR2	2497161	CHR2:2497161	SSF x Far_LoA	-9,238	0,062	0,281
CHR2	2497308	CHR2:2497308	SSF x Far_LoA	-10,393	0,065	0,292
CHR2	2502925	CHR2:2502925	SSF x Far_LoA	-8,355	-0,007	0,304
CHR2	2502927	CHR2:2502927	SSF x Far_LoA	-7,903	0,028	0,297
CHR2	2503067	CHR2:2503067	SSF x Far_LoA	-10,989	0,034	0,296
CHR2	2503075	CHR2:2503075	SSF x Far_LoA	-7,980	-0,092	0,292
CHR2	2503119	CHR2:2503119	SSF x Far_LoA	-6,173	-0,011	0,285
CHR2	2508671	CHR2:2508671	SSF x Far_LoA	-11,324	0,083	0,279
CHR2	2508745	CHR2:2508745	SSF x Far_LoA	-1,460	0,173	0,284
CHR2	2510381	CHR2:2510381	SSF x Far_LoA	-9,325	0,065	0,295
CHR2	2518068	CHR2:2518068	SSF x Far_LoA	-9,552	0,126	0,293
CHR2	2518469	CHR2:2518469	SSF x Far_LoA	-8,926	0,131	0,272
CHR2	2528827	CHR2:2528827	SSF x Far_LoA	-9,405	0,135	0,289
CHR2	2541695	CHR2:2541695	SSF x Far_LoA	-9,702	0,019	0,288

CHR2	2547193	CHR2:2547193	SSF x Far_LoA	-8,261	-0,065	0,294
CHR2	2547228	CHR2:2547228	SSF x Far_LoA	-7,179	-0,089	0,285
CHR2	2547277	CHR2:2547277	SSF x Far_LoA	-9,278	0,022	0,276
CHR2	2547293	CHR2:2547293	SSF x Far_LoA	-9,936	-0,058	0,286
CHR2	2547299	CHR2:2547299	SSF x Far_LoA	-11,076	-0,057	0,292
CHR2	2547319	CHR2:2547319	SSF x Far_LoA	-9,811	0,034	0,279
CHR2	2547328	CHR2:2547328	SSF x Far_LoA	-10,170	-0,020	0,289
CHR2	2547372	CHR2:2547372	SSF x Far_LoA	-9,315	0,053	0,283
CHR2	2552887	CHR2:2552887	SSF x Far_LoA	-11,625	-0,049	0,288
CHR2	2552895	CHR2:2552895	SSF x Far_LoA	-8,959	0,065	0,300
CHR2	2574392	CHR2:2574392	SSF x Far_LoA	-7,560	-0,134	0,292
CHR2	2574447	CHR2:2574447	SSF x Far_LoA	-6,694	-0,005	0,302
CHR2	2574665	CHR2:2574665	SSF x Far_LoA	-10,569	0,101	0,290
CHR2	2582640	CHR2:2582640	SSF x Far_LoA	-9,457	-0,035	0,300
CHR2	2582650	CHR2:2582650	SSF x Far_LoA	-7,894	0,002	0,291
CHR2	2582666	CHR2:2582666	SSF x Far_LoA	-9,017	0,023	0,296
CHR2	2593110	CHR2:2593110	SSF x Far_LoA	-1,579	0,046	0,291
CHR2	2593201	CHR2:2593201	SSF x Far_LoA	-7,291	-0,045	0,301
CHR2	2593247	CHR2:2593247	SSF x Far_LoA	-5,896	-0,131	0,292
CHR2	2611292	CHR2:2611292	SSF x Far_LoA	-9,260	-0,053	0,284
CHR2	2611346	CHR2:2611346	SSF x Far_LoA	-10,372	0,110	0,305
CHR2	2611350	CHR2:2611350	SSF x Far_LoA	-10,780	-0,076	0,292
CHR2	2611590	CHR2:2611590	SSF x Far_LoA	-9,792	-0,032	0,293
CHR2	2629087	CHR2:2629087	SSF x Far_LoA	-7,872	0,039	0,285
CHR2	2646933	CHR2:2646933	SSF x Far_LoA	-9,090	-0,182	0,290
CHR2	2646989	CHR2:2646989	SSF x Far_LoA	-9,179	-0,076	0,277
CHR2	2647039	CHR2:2647039	SSF x Far_LoA	-8,704	0,143	0,299
CHR2	2652918	CHR2:2652918	SSF x Far_LoA	-9,116	-0,061	0,304
CHR2	2652944	CHR2:2652944	SSF x Far_LoA	-10,850	-0,022	0,294
CHR2	2653004	CHR2:2653004	SSF x Far_LoA	-10,741	-0,020	0,295
CHR2	2663377	CHR2:2663377	SSF x Far_LoA	-9,021	0,131	0,292
CHR2	2663420	CHR2:2663420	SSF x Far_LoA	-9,706	0,013	0,293
CHR2	2663557	CHR2:2663557	SSF x Far_LoA	-10,585	0,075	0,291
CHR2	2663637	CHR2:2663637	SSF x Far_LoA	-11,241	0,095	0,291
CHR2	2671272	CHR2:2671272	SSF x Far_LoA	-10,854	0,007	0,287
CHR2	2671282	CHR2:2671282	SSF x Far_LoA	-8,033	-0,029	0,298
CHR2	2671313	CHR2:2671313	SSF x Far_LoA	-10,562	0,009	0,293
CHR2	2684852	CHR2:2684852	SSF x Far_LoA	-5,693	-0,081	0,309
CHR2	2690713	CHR2:2690713	SSF x Far_LoA	-9,388	0,037	0,288
CHR2	2697762	CHR2:2697762	SSF x Far_LoA	-9,797	-0,049	0,275
CHR2	2697786	CHR2:2697786	SSF x Far_LoA	-10,763	0,050	0,289
CHR2	2697853	CHR2:2697853	SSF x Far_LoA	-10,734	-0,084	0,289
CHR2	2699759	CHR2:2699759	SSF x Far_LoA	-7,548	0,179	0,264
CHR2	2699761	CHR2:2699761	SSF x Far_LoA	-7,249	0,156	0,277
CHR2	2699820	CHR2:2699820	SSF x Far_LoA	-7,071	-0,116	0,295
CHR2	2699826	CHR2:2699826	SSF x Far_LoA	1,905	0,180	0,280
CHR2	2705624	CHR2:2705624	SSF x Far_LoA	-10,048	0,009	0,300
CHR2	2729079	CHR2:2729079	SSF x Far_LoA	-8,579	-0,131	0,275
CHR2	2729122	CHR2:2729122	SSF x Far_LoA	-8,095	-0,079	0,299
CHR2	2729176	CHR2:2729176	SSF x Far_LoA	-8,810	0,080	0,317
CHR2	2729244	CHR2:2729244	SSF x Far_LoA	-7,344	0,079	0,298
CHR2	2729395	CHR2:2729395	SSF x Far_LoA	-7,953	-0,093	0,276
CHR2	2761541	CHR2:2761541	SSF x Far_LoA	-9,578	-0,122	0,292

CHR2	2761743	CHR2:2761743	SSF x Far_LoA	-9,435	0,000	0,293
CHR2	2764200	CHR2:2764200	SSF x Far_LoA	-9,073	0,046	0,292
CHR2	278833	CHR2:278833	SSF x Far_LoA	-8,773	-0,110	0,300
CHR2	278897	CHR2:278897	SSF x Far_LoA	-8,103	0,150	0,301
CHR2	278971	CHR2:278971	SSF x Far_LoA	-10,634	0,053	0,304
CHR2	278974	CHR2:278974	SSF x Far_LoA	-8,187	0,160	0,297
CHR2	2802270	CHR2:2802270	SSF x Far_LoA	-10,771	0,058	0,303
CHR2	2802317	CHR2:2802317	SSF x Far_LoA	-10,629	0,132	0,300
CHR2	2802380	CHR2:2802380	SSF x Far_LoA	-7,927	-0,097	0,277
CHR2	2802395	CHR2:2802395	SSF x Far_LoA	-9,493	-0,025	0,287
CHR2	2802439	CHR2:2802439	SSF x Far_LoA	-5,621	0,051	0,281
CHR2	2802447	CHR2:2802447	SSF x Far_LoA	-9,815	0,025	0,284
CHR2	2802450	CHR2:2802450	SSF x Far_LoA	-8,965	-0,006	0,299
CHR2	2802453	CHR2:2802453	SSF x Far_LoA	-9,792	-0,061	0,280
CHR2	2802460	CHR2:2802460	SSF x Far_LoA	-9,337	0,004	0,295
CHR2	2802463	CHR2:2802463	SSF x Far_LoA	-9,191	-0,032	0,285
CHR2	2802475	CHR2:2802475	SSF x Far_LoA	-10,805	-0,066	0,273
CHR2	2802501	CHR2:2802501	SSF x Far_LoA	-8,292	0,073	0,286
CHR2	282288	CHR2:282288	SSF x Far_LoA	-8,589	-0,109	0,297
CHR2	282516	CHR2:282516	SSF x Far_LoA	-8,320	-0,011	0,312
CHR2	2825939	CHR2:2825939	SSF x Far_LoA	-9,466	-0,076	0,291
CHR2	2826044	CHR2:2826044	SSF x Far_LoA	-8,095	0,083	0,290
CHR2	2826045	CHR2:2826045	SSF x Far_LoA	-8,743	0,061	0,288
CHR2	2829733	CHR2:2829733	SSF x Far_LoA	-6,311	-0,105	0,304
CHR2	2829745	CHR2:2829745	SSF x Far_LoA	-9,153	0,047	0,287
CHR2	2829778	CHR2:2829778	SSF x Far_LoA	-9,444	0,029	0,298
CHR2	2829842	CHR2:2829842	SSF x Far_LoA	-7,764	0,169	0,272
CHR2	2850722	CHR2:2850722	SSF x Far_LoA	-9,551	-0,093	0,288
CHR2	2850725	CHR2:2850725	SSF x Far_LoA	-7,745	-0,112	0,305
CHR2	2850786	CHR2:2850786	SSF x Far_LoA	-10,784	-0,049	0,287
CHR2	2850882	CHR2:2850882	SSF x Far_LoA	-8,150	0,100	0,272
CHR2	2852921	CHR2:2852921	SSF x Far_LoA	-4,122	0,143	0,283
CHR2	2853266	CHR2:2853266	SSF x Far_LoA	-9,654	-0,028	0,279
CHR2	2853268	CHR2:2853268	SSF x Far_LoA	-9,722	0,044	0,282
CHR2	2853303	CHR2:2853303	SSF x Far_LoA	-10,632	0,035	0,312
CHR2	2853315	CHR2:2853315	SSF x Far_LoA	-8,688	-0,038	0,292
CHR2	2853345	CHR2:2853345	SSF x Far_LoA	-9,971	-0,059	0,290
CHR2	2857354	CHR2:2857354	SSF x Far_LoA	-10,805	-0,035	0,290
CHR2	2857419	CHR2:2857419	SSF x Far_LoA	-8,139	0,043	0,283
CHR2	2857420	CHR2:2857420	SSF x Far_LoA	-8,947	-0,082	0,298
CHR2	2857453	CHR2:2857453	SSF x Far_LoA	-4,538	-0,031	0,290
CHR2	2857454	CHR2:2857454	SSF x Far_LoA	-8,858	-0,049	0,288
CHR2	2857461	CHR2:2857461	SSF x Far_LoA	-7,388	0,001	0,291
CHR2	2857499	CHR2:2857499	SSF x Far_LoA	-10,142	0,079	0,290
CHR2	2870276	CHR2:2870276	SSF x Far_LoA	-8,837	-0,098	0,294
CHR2	2870294	CHR2:2870294	SSF x Far_LoA	-11,225	-0,047	0,289
CHR2	2874681	CHR2:2874681	SSF x Far_LoA	-10,078	-0,045	0,286
CHR2	2874746	CHR2:2874746	SSF x Far_LoA	-7,790	-0,075	0,285
CHR2	2877896	CHR2:2877896	SSF x Far_LoA	-7,022	-0,010	0,292
CHR2	2878103	CHR2:2878103	SSF x Far_LoA	-7,478	-0,120	0,282
CHR2	2878163	CHR2:2878163	SSF x Far_LoA	-10,004	-0,114	0,285
CHR2	2884610	CHR2:2884610	SSF x Far_LoA	-11,481	-0,027	0,278
CHR2	2884622	CHR2:2884622	SSF x Far_LoA	-9,948	-0,076	0,292

CHR2	2903224	CHR2:2903224	SSF x Far_LoA	-7,642	0,057	0,286
CHR2	2914543	CHR2:2914543	SSF x Far_LoA	-11,956	0,007	0,283
CHR2	2914646	CHR2:2914646	SSF x Far_LoA	-9,743	-0,049	0,280
CHR2	2957976	CHR2:2957976	SSF x Far_LoA	-7,623	0,107	0,300
CHR2	2958069	CHR2:2958069	SSF x Far_LoA	-11,174	-0,075	0,296
CHR2	2958203	CHR2:2958203	SSF x Far_LoA	-9,065	-0,055	0,300
CHR2	2992045	CHR2:2992045	SSF x Far_LoA	-0,557	0,221	0,290
CHR2	2992069	CHR2:2992069	SSF x Far_LoA	-10,535	0,032	0,282
CHR2	2992108	CHR2:2992108	SSF x Far_LoA	-9,323	-0,055	0,287
CHR2	2992145	CHR2:2992145	SSF x Far_LoA	-10,970	0,087	0,273
CHR2	2992160	CHR2:2992160	SSF x Far_LoA	-11,531	0,050	0,282
CHR2	2992602	CHR2:2992602	SSF x Far_LoA	-10,011	-0,062	0,290
CHR2	299384	CHR2:299384	SSF x Far_LoA	-9,337	0,172	0,278
CHR2	2995405	CHR2:2995405	SSF x Far_LoA	-8,798	-0,080	0,287
CHR2	2995468	CHR2:2995468	SSF x Far_LoA	-11,613	-0,020	0,286
CHR2	2995477	CHR2:2995477	SSF x Far_LoA	-10,874	-0,020	0,293
CHR2	2995491	CHR2:2995491	SSF x Far_LoA	-12,019	-0,020	0,285
CHR2	300142	CHR2:300142	SSF x Far_LoA	-10,094	0,028	0,303
CHR2	300200	CHR2:300200	SSF x Far_LoA	-11,394	0,129	0,285
CHR2	3016054	CHR2:3016054	SSF x Far_LoA	-8,320	0,117	0,287
CHR2	3016118	CHR2:3016118	SSF x Far_LoA	-10,705	0,051	0,283
CHR2	3016138	CHR2:3016138	SSF x Far_LoA	-7,183	-0,021	0,282
CHR2	3027498	CHR2:3027498	SSF x Far_LoA	-8,107	0,033	0,299
CHR2	3027548	CHR2:3027548	SSF x Far_LoA	-9,240	-0,069	0,285
CHR2	3027572	CHR2:3027572	SSF x Far_LoA	-9,354	0,046	0,292
CHR2	3027607	CHR2:3027607	SSF x Far_LoA	-6,948	0,120	0,293
CHR2	3027670	CHR2:3027670	SSF x Far_LoA	-8,707	0,087	0,296
CHR2	3027697	CHR2:3027697	SSF x Far_LoA	-10,259	-0,029	0,307
CHR2	3029658	CHR2:3029658	SSF x Far_LoA	-8,546	0,062	0,294
CHR2	3029690	CHR2:3029690	SSF x Far_LoA	-11,454	-0,047	0,293
CHR2	3029766	CHR2:3029766	SSF x Far_LoA	-10,158	0,031	0,281
CHR2	3029772	CHR2:3029772	SSF x Far_LoA	-9,026	0,085	0,271
CHR2	3029775	CHR2:3029775	SSF x Far_LoA	-5,078	-0,105	0,290
CHR2	3029799	CHR2:3029799	SSF x Far_LoA	-4,659	-0,054	0,285
CHR2	3029811	CHR2:3029811	SSF x Far_LoA	-7,961	0,013	0,302
CHR2	3033322	CHR2:3033322	SSF x Far_LoA	-6,210	0,149	0,288
CHR2	3033365	CHR2:3033365	SSF x Far_LoA	-10,435	0,012	0,295
CHR2	3036947	CHR2:3036947	SSF x Far_LoA	-8,867	-0,103	0,285
CHR2	3036974	CHR2:3036974	SSF x Far_LoA	-8,170	-0,147	0,287
CHR2	3036981	CHR2:3036981	SSF x Far_LoA	-8,861	-0,098	0,301
CHR2	3036984	CHR2:3036984	SSF x Far_LoA	-9,319	0,093	0,302
CHR2	3037041	CHR2:3037041	SSF x Far_LoA	6,019	0,120	0,295
CHR2	3037044	CHR2:3037044	SSF x Far_LoA	-11,425	0,026	0,285
CHR2	3037061	CHR2:3037061	SSF x Far_LoA	-5,222	0,135	0,293
CHR2	3037089	CHR2:3037089	SSF x Far_LoA	-8,631	-0,119	0,305
CHR2	3037109	CHR2:3037109	SSF x Far_LoA	-6,616	-0,081	0,302
CHR2	3037152	CHR2:3037152	SSF x Far_LoA	-10,537	0,095	0,297
CHR2	3040160	CHR2:3040160	SSF x Far_LoA	-9,022	-0,072	0,287
CHR2	3040171	CHR2:3040171	SSF x Far_LoA	-3,264	0,263	0,249
CHR2	3040173	CHR2:3040173	SSF x Far_LoA	-10,437	0,046	0,297
CHR2	3040186	CHR2:3040186	SSF x Far_LoA	-7,600	-0,127	0,285
CHR2	3040188	CHR2:3040188	SSF x Far_LoA	-9,515	0,033	0,298
CHR2	3040190	CHR2:3040190	SSF x Far_LoA	-10,316	-0,011	0,300

CHR2	3040340	CHR2:3040340	SSF x Far_LoA	-10,828	0,031	0,284
CHR2	3040351	CHR2:3040351	SSF x Far_LoA	-10,611	0,038	0,289
CHR2	3042175	CHR2:3042175	SSF x Far_LoA	-8,494	-0,089	0,293
CHR2	3042281	CHR2:3042281	SSF x Far_LoA	-9,841	-0,154	0,291
CHR2	3042469	CHR2:3042469	SSF x Far_LoA	-7,795	0,044	0,296
CHR2	304903	CHR2:304903	SSF x Far_LoA	-10,169	-0,068	0,286
CHR2	3065965	CHR2:3065965	SSF x Far_LoA	-9,647	0,103	0,282
CHR2	3081223	CHR2:3081223	SSF x Far_LoA	-6,959	-0,104	0,285
CHR2	3081273	CHR2:3081273	SSF x Far_LoA	-11,126	-0,074	0,292
CHR2	3081304	CHR2:3081304	SSF x Far_LoA	-11,579	-0,005	0,279
CHR2	3081403	CHR2:3081403	SSF x Far_LoA	-6,742	-0,080	0,287
CHR2	3081422	CHR2:3081422	SSF x Far_LoA	-7,962	0,159	0,283
CHR2	3081424	CHR2:3081424	SSF x Far_LoA	-10,543	-0,045	0,289
CHR2	3081441	CHR2:3081441	SSF x Far_LoA	-12,187	0,036	0,291
CHR2	308839	CHR2:308839	SSF x Far_LoA	-9,761	-0,009	0,298
CHR2	308949	CHR2:308949	SSF x Far_LoA	-10,374	0,006	0,290
CHR2	3091439	CHR2:3091439	SSF x Far_LoA	-9,288	0,022	0,307
CHR2	3091614	CHR2:3091614	SSF x Far_LoA	-11,870	0,022	0,281
CHR2	3091645	CHR2:3091645	SSF x Far_LoA	-11,514	0,104	0,289
CHR2	3091667	CHR2:3091667	SSF x Far_LoA	-8,647	-0,094	0,286
CHR2	3094659	CHR2:3094659	SSF x Far_LoA	-6,948	-0,021	0,288
CHR2	3094777	CHR2:3094777	SSF x Far_LoA	-6,689	0,066	0,291
CHR2	3094912	CHR2:3094912	SSF x Far_LoA	-10,359	0,139	0,279
CHR2	3097789	CHR2:3097789	SSF x Far_LoA	-7,988	-0,004	0,289
CHR2	3110918	CHR2:3110918	SSF x Far_LoA	-10,714	0,067	0,290
CHR2	3110923	CHR2:3110923	SSF x Far_LoA	-9,603	0,059	0,290
CHR2	3110924	CHR2:3110924	SSF x Far_LoA	-7,886	-0,113	0,273
CHR2	3111022	CHR2:3111022	SSF x Far_LoA	-11,365	0,009	0,299
CHR2	3111045	CHR2:3111045	SSF x Far_LoA	-8,447	0,003	0,300
CHR2	3112769	CHR2:3112769	SSF x Far_LoA	-10,586	-0,079	0,286
CHR2	3117307	CHR2:3117307	SSF x Far_LoA	-10,129	0,069	0,285
CHR2	3122217	CHR2:3122217	SSF x Far_LoA	-9,164	-0,145	0,289
CHR2	3122234	CHR2:3122234	SSF x Far_LoA	-8,402	-0,126	0,288
CHR2	3122293	CHR2:3122293	SSF x Far_LoA	-8,468	-0,007	0,284
CHR2	3122428	CHR2:3122428	SSF x Far_LoA	-8,557	0,092	0,297
CHR2	3132858	CHR2:3132858	SSF x Far_LoA	-8,761	-0,111	0,292
CHR2	3140866	CHR2:3140866	SSF x Far_LoA	-6,925	0,026	0,313
CHR2	3140878	CHR2:3140878	SSF x Far_LoA	-8,058	-0,017	0,297
CHR2	3140898	CHR2:3140898	SSF x Far_LoA	-0,417	0,100	0,284
CHR2	3140902	CHR2:3140902	SSF x Far_LoA	-7,504	0,105	0,293
CHR2	3140915	CHR2:3140915	SSF x Far_LoA	-4,538	0,015	0,310
CHR2	3140942	CHR2:3140942	SSF x Far_LoA	-9,240	0,025	0,297
CHR2	3140959	CHR2:3140959	SSF x Far_LoA	-8,755	-0,001	0,294
CHR2	3140985	CHR2:3140985	SSF x Far_LoA	-7,305	0,016	0,308
CHR2	3140994	CHR2:3140994	SSF x Far_LoA	-8,582	0,023	0,301
CHR2	3141063	CHR2:3141063	SSF x Far_LoA	-5,377	-0,127	0,296
CHR2	3143602	CHR2:3143602	SSF x Far_LoA	-8,588	-0,009	0,295
CHR2	343245	CHR2:343245	SSF x Far_LoA	-7,490	-0,090	0,304
CHR2	343297	CHR2:343297	SSF x Far_LoA	-10,749	0,027	0,293
CHR2	3548960	CHR2:3548960	SSF x Far_LoA	-10,122	-0,021	0,300
CHR2	3551024	CHR2:3551024	SSF x Far_LoA	-11,043	0,058	0,290
CHR2	3604217	CHR2:3604217	SSF x Far_LoA	-9,854	0,017	0,288
CHR2	365476	CHR2:365476	SSF x Far_LoA	-8,978	-0,066	0,308

CHR2	365521	CHR2:365521	SSF x Far_LoA	-10,911	-0,036	0,303
CHR2	365578	CHR2:365578	SSF x Far_LoA	-7,051	0,085	0,290
CHR2	3664647	CHR2:3664647	SSF x Far_LoA	-7,933	0,018	0,307
CHR2	3673288	CHR2:3673288	SSF x Far_LoA	-10,857	0,070	0,284
CHR2	3673349	CHR2:3673349	SSF x Far_LoA	-5,093	0,117	0,294
CHR2	3679088	CHR2:3679088	SSF x Far_LoA	-7,964	-0,010	0,293
CHR2	3679154	CHR2:3679154	SSF x Far_LoA	-9,591	0,168	0,291
CHR2	368379	CHR2:368379	SSF x Far_LoA	-10,041	-0,053	0,287
CHR2	3687655	CHR2:3687655	SSF x Far_LoA	-6,138	-0,067	0,297
CHR2	3687667	CHR2:3687667	SSF x Far_LoA	-8,446	0,014	0,291
CHR2	3723400	CHR2:3723400	SSF x Far_LoA	-7,667	-0,083	0,291
CHR2	3723407	CHR2:3723407	SSF x Far_LoA	-8,827	0,090	0,273
CHR2	3723525	CHR2:3723525	SSF x Far_LoA	-6,882	0,090	0,281
CHR2	3745404	CHR2:3745404	SSF x Far_LoA	-9,345	-0,010	0,286
CHR2	377725	CHR2:377725	SSF x Far_LoA	-7,655	0,071	0,285
CHR2	377744	CHR2:377744	SSF x Far_LoA	-9,812	-0,019	0,294
CHR2	3788223	CHR2:3788223	SSF x Far_LoA	-8,858	0,035	0,300
CHR2	3788313	CHR2:3788313	SSF x Far_LoA	-10,085	-0,120	0,311
CHR2	3788427	CHR2:3788427	SSF x Far_LoA	-8,438	0,053	0,281
CHR2	3788437	CHR2:3788437	SSF x Far_LoA	-8,315	-0,051	0,275
CHR2	3788466	CHR2:3788466	SSF x Far_LoA	-8,455	0,028	0,287
CHR2	3808376	CHR2:3808376	SSF x Far_LoA	-8,034	-0,152	0,300
CHR2	3826946	CHR2:3826946	SSF x Far_LoA	-9,203	0,009	0,299
CHR2	385039	CHR2:385039	SSF x Far_LoA	-9,091	0,074	0,277
CHR2	385128	CHR2:385128	SSF x Far_LoA	-7,970	0,033	0,297
CHR2	3866159	CHR2:3866159	SSF x Far_LoA	-11,433	-0,006	0,278
CHR2	3874711	CHR2:3874711	SSF x Far_LoA	-4,501	-0,052	0,296
CHR2	3874781	CHR2:3874781	SSF x Far_LoA	-10,858	-0,055	0,282
CHR2	3874794	CHR2:3874794	SSF x Far_LoA	-8,881	0,092	0,289
CHR2	3894300	CHR2:3894300	SSF x Far_LoA	-3,509	-0,137	0,283
CHR2	3894460	CHR2:3894460	SSF x Far_LoA	-10,891	0,059	0,268
CHR2	3896163	CHR2:3896163	SSF x Far_LoA	-9,732	0,081	0,280
CHR2	3896245	CHR2:3896245	SSF x Far_LoA	-9,438	0,032	0,277
CHR2	3957836	CHR2:3957836	SSF x Far_LoA	-8,175	-0,013	0,302
CHR2	397029	CHR2:397029	SSF x Far_LoA	-9,360	0,035	0,291
CHR2	397110	CHR2:397110	SSF x Far_LoA	-8,547	-0,007	0,293
CHR2	397139	CHR2:397139	SSF x Far_LoA	-8,972	-0,027	0,289
CHR2	401691	CHR2:401691	SSF x Far_LoA	-9,705	-0,004	0,290
CHR2	421292	CHR2:421292	SSF x Far_LoA	-11,180	0,016	0,282
CHR2	421386	CHR2:421386	SSF x Far_LoA	-6,833	0,014	0,297
CHR2	445611	CHR2:445611	SSF x Far_LoA	-10,220	0,092	0,284
CHR2	445838	CHR2:445838	SSF x Far_LoA	-5,880	-0,034	0,290
CHR2	453865	CHR2:453865	SSF x Far_LoA	-9,472	0,000	0,299
CHR2	453879	CHR2:453879	SSF x Far_LoA	-6,380	0,166	0,289
CHR2	454222	CHR2:454222	SSF x Far_LoA	-10,545	-0,072	0,296
CHR2	465760	CHR2:465760	SSF x Far_LoA	-9,550	0,011	0,286
CHR2	465786	CHR2:465786	SSF x Far_LoA	-7,797	0,103	0,292
CHR2	472128	CHR2:472128	SSF x Far_LoA	-11,716	0,082	0,287
CHR2	472202	CHR2:472202	SSF x Far_LoA	-7,232	0,164	0,278
CHR2	472261	CHR2:472261	SSF x Far_LoA	-7,702	0,151	0,286
CHR2	514443	CHR2:514443	SSF x Far_LoA	-7,839	-0,101	0,290
CHR2	523147	CHR2:523147	SSF x Far_LoA	-11,213	0,040	0,294
CHR2	523200	CHR2:523200	SSF x Far_LoA	-9,341	0,024	0,293

CHR2	523213	CHR2:523213	SSF x Far_LoA	-7,191	-0,177	0,294
CHR2	523255	CHR2:523255	SSF x Far_LoA	-8,886	-0,151	0,282
CHR2	523267	CHR2:523267	SSF x Far_LoA	-7,705	-0,158	0,286
CHR2	523321	CHR2:523321	SSF x Far_LoA	-10,266	-0,072	0,280
CHR2	535439	CHR2:535439	SSF x Far_LoA	-8,405	-0,054	0,288
CHR2	547909	CHR2:547909	SSF x Far_LoA	-4,428	0,064	0,310
CHR2	578974	CHR2:578974	SSF x Far_LoA	-10,866	0,092	0,296
CHR2	579190	CHR2:579190	SSF x Far_LoA	-7,274	0,025	0,290
CHR2	581016	CHR2:581016	SSF x Far_LoA	-12,228	0,023	0,271
CHR2	584039	CHR2:584039	SSF x Far_LoA	-8,335	0,148	0,293
CHR2	584041	CHR2:584041	SSF x Far_LoA	-9,549	0,073	0,282
CHR2	604021	CHR2:604021	SSF x Far_LoA	-10,513	-0,016	0,286
CHR2	604055	CHR2:604055	SSF x Far_LoA	-8,139	-0,003	0,290
CHR2	616666	CHR2:616666	SSF x Far_LoA	-5,803	0,104	0,298
CHR2	616686	CHR2:616686	SSF x Far_LoA	-10,463	-0,029	0,297
CHR2	616718	CHR2:616718	SSF x Far_LoA	-8,136	0,018	0,307
CHR2	618478	CHR2:618478	SSF x Far_LoA	-9,260	-0,015	0,298
CHR2	618685	CHR2:618685	SSF x Far_LoA	-8,100	-0,039	0,283
CHR2	618795	CHR2:618795	SSF x Far_LoA	-8,779	0,062	0,293
CHR2	627112	CHR2:627112	SSF x Far_LoA	-11,280	0,088	0,291
CHR2	650987	CHR2:650987	SSF x Far_LoA	-9,444	-0,062	0,292
CHR2	651011	CHR2:651011	SSF x Far_LoA	-9,300	-0,043	0,284
CHR2	651012	CHR2:651012	SSF x Far_LoA	-7,415	0,045	0,294
CHR2	651036	CHR2:651036	SSF x Far_LoA	-8,278	-0,051	0,292
CHR2	651042	CHR2:651042	SSF x Far_LoA	-7,753	-0,064	0,288
CHR2	651146	CHR2:651146	SSF x Far_LoA	-9,453	-0,059	0,294
CHR2	651193	CHR2:651193	SSF x Far_LoA	-9,754	0,094	0,282
CHR2	653382	CHR2:653382	SSF x Far_LoA	-11,131	0,020	0,297
CHR2	654267	CHR2:654267	SSF x Far_LoA	-8,763	0,042	0,303
CHR2	656608	CHR2:656608	SSF x Far_LoA	-10,124	-0,011	0,298
CHR2	656887	CHR2:656887	SSF x Far_LoA	-9,788	-0,056	0,287
CHR2	6730510	CHR2:6730510	SSF x Far_LoA	-8,110	0,004	0,302
CHR2	6732382	CHR2:6732382	SSF x Far_LoA	-7,836	0,094	0,284
CHR2	6787146	CHR2:6787146	SSF x Far_LoA	-9,312	-0,139	0,272
CHR2	6838590	CHR2:6838590	SSF x Far_LoA	-10,351	0,050	0,307
CHR2	6838655	CHR2:6838655	SSF x Far_LoA	-8,784	0,022	0,292
CHR2	6861170	CHR2:6861170	SSF x Far_LoA	-8,685	-0,058	0,285
CHR2	687274	CHR2:687274	SSF x Far_LoA	-9,530	-0,040	0,297
CHR2	6875708	CHR2:6875708	SSF x Far_LoA	-7,852	-0,055	0,287
CHR2	6915596	CHR2:6915596	SSF x Far_LoA	-8,697	-0,028	0,294
CHR2	6915874	CHR2:6915874	SSF x Far_LoA	-11,796	0,035	0,306
CHR2	6920674	CHR2:6920674	SSF x Far_LoA	-8,476	0,038	0,279
CHR2	6927363	CHR2:6927363	SSF x Far_LoA	-9,119	0,046	0,284
CHR2	6935283	CHR2:6935283	SSF x Far_LoA	-9,284	0,017	0,280
CHR2	6937488	CHR2:6937488	SSF x Far_LoA	-12,264	0,021	0,289
CHR2	6937548	CHR2:6937548	SSF x Far_LoA	-8,227	0,063	0,285
CHR2	6937650	CHR2:6937650	SSF x Far_LoA	-9,197	-0,049	0,297
CHR2	6951512	CHR2:6951512	SSF x Far_LoA	-9,687	0,022	0,300
CHR2	6951709	CHR2:6951709	SSF x Far_LoA	-10,688	0,069	0,290
CHR2	6960850	CHR2:6960850	SSF x Far_LoA	-7,575	-0,179	0,286
CHR2	6972673	CHR2:6972673	SSF x Far_LoA	-9,612	0,039	0,306
CHR2	6972688	CHR2:6972688	SSF x Far_LoA	-9,766	-0,092	0,285
CHR2	6974641	CHR2:6974641	SSF x Far_LoA	-8,983	-0,093	0,269

CHR2	6974865	CHR2:6974865	SSF x Far_LoA	-8,453	-0,044	0,296
CHR2	699358	CHR2:699358	SSF x Far_LoA	-8,676	-0,081	0,293
CHR2	699366	CHR2:699366	SSF x Far_LoA	-10,487	-0,004	0,285
CHR2	6996443	CHR2:6996443	SSF x Far_LoA	-5,802	-0,080	0,295
CHR2	6996449	CHR2:6996449	SSF x Far_LoA	-10,857	0,054	0,292
CHR2	6996483	CHR2:6996483	SSF x Far_LoA	-7,380	-0,056	0,305
CHR2	6996489	CHR2:6996489	SSF x Far_LoA	-6,379	-0,069	0,301
CHR2	6996531	CHR2:6996531	SSF x Far_LoA	-9,697	0,045	0,294
CHR2	7014460	CHR2:7014460	SSF x Far_LoA	-9,959	0,065	0,299
CHR2	703321	CHR2:703321	SSF x Far_LoA	-11,220	0,066	0,292
CHR2	703633	CHR2:703633	SSF x Far_LoA	-8,544	-0,041	0,282
CHR2	703655	CHR2:703655	SSF x Far_LoA	-9,358	0,035	0,285
CHR2	703661	CHR2:703661	SSF x Far_LoA	-10,496	0,005	0,287
CHR2	703683	CHR2:703683	SSF x Far_LoA	-7,526	-0,151	0,283
CHR2	703699	CHR2:703699	SSF x Far_LoA	-8,765	-0,022	0,270
CHR2	7048314	CHR2:7048314	SSF x Far_LoA	-9,127	0,032	0,281
CHR2	7048322	CHR2:7048322	SSF x Far_LoA	-9,623	-0,066	0,270
CHR2	7048403	CHR2:7048403	SSF x Far_LoA	-8,494	0,098	0,289
CHR2	7062456	CHR2:7062456	SSF x Far_LoA	-9,528	-0,014	0,296
CHR2	7070605	CHR2:7070605	SSF x Far_LoA	-11,341	0,001	0,295
CHR2	7070658	CHR2:7070658	SSF x Far_LoA	-9,129	-0,109	0,285
CHR2	7070698	CHR2:7070698	SSF x Far_LoA	-3,207	-0,023	0,300
CHR2	7070806	CHR2:7070806	SSF x Far_LoA	-8,736	-0,025	0,298
CHR2	7072670	CHR2:7072670	SSF x Far_LoA	-9,568	-0,045	0,305
CHR2	7077139	CHR2:7077139	SSF x Far_LoA	-9,618	0,017	0,299
CHR2	7077392	CHR2:7077392	SSF x Far_LoA	-8,051	0,053	0,291
CHR2	7080080	CHR2:7080080	SSF x Far_LoA	-10,342	0,055	0,287
CHR2	7080095	CHR2:7080095	SSF x Far_LoA	-8,298	0,124	0,287
CHR2	708045	CHR2:708045	SSF x Far_LoA	-10,183	-0,050	0,277
CHR2	708113	CHR2:708113	SSF x Far_LoA	-10,100	0,028	0,285
CHR2	7097494	CHR2:7097494	SSF x Far_LoA	-8,640	-0,067	0,280
CHR2	7097495	CHR2:7097495	SSF x Far_LoA	-10,454	-0,006	0,282
CHR2	7107333	CHR2:7107333	SSF x Far_LoA	-11,522	-0,014	0,303
CHR2	711546	CHR2:711546	SSF x Far_LoA	-12,214	-0,003	0,277
CHR2	714683	CHR2:714683	SSF x Far_LoA	-7,589	-0,003	0,294
CHR2	7150166	CHR2:7150166	SSF x Far_LoA	-10,345	0,061	0,270
CHR2	7150354	CHR2:7150354	SSF x Far_LoA	-10,749	-0,141	0,284
CHR2	7150366	CHR2:7150366	SSF x Far_LoA	-9,911	-0,161	0,286
CHR2	7153563	CHR2:7153563	SSF x Far_LoA	-8,967	-0,025	0,293
CHR2	7153580	CHR2:7153580	SSF x Far_LoA	-8,527	0,098	0,293
CHR2	7155641	CHR2:7155641	SSF x Far_LoA	-7,296	0,039	0,289
CHR2	7159685	CHR2:7159685	SSF x Far_LoA	-10,931	-0,023	0,269
CHR2	7163473	CHR2:7163473	SSF x Far_LoA	-7,340	-0,049	0,296
CHR2	7166505	CHR2:7166505	SSF x Far_LoA	-9,067	-0,042	0,290
CHR2	7166506	CHR2:7166506	SSF x Far_LoA	-11,139	-0,009	0,291
CHR2	7166625	CHR2:7166625	SSF x Far_LoA	-10,980	-0,035	0,295
CHR2	7166628	CHR2:7166628	SSF x Far_LoA	-10,399	-0,047	0,300
CHR2	7176547	CHR2:7176547	SSF x Far_LoA	-11,197	-0,018	0,294
CHR2	7176563	CHR2:7176563	SSF x Far_LoA	-11,458	0,020	0,283
CHR2	7179627	CHR2:7179627	SSF x Far_LoA	-10,634	0,033	0,300
CHR2	7179693	CHR2:7179693	SSF x Far_LoA	-11,976	-0,074	0,289
CHR2	7179778	CHR2:7179778	SSF x Far_LoA	-9,794	0,013	0,271
CHR2	7179917	CHR2:7179917	SSF x Far_LoA	-9,081	-0,014	0,282

CHR2	7193622	CHR2:7193622	SSF x Far_LoA	-8,593	-0,030	0,306
CHR2	7220209	CHR2:7220209	SSF x Far_LoA	-10,960	0,093	0,277
CHR2	7220354	CHR2:7220354	SSF x Far_LoA	-10,256	-0,106	0,285
CHR2	7220355	CHR2:7220355	SSF x Far_LoA	-8,021	-0,073	0,276
CHR2	7220356	CHR2:7220356	SSF x Far_LoA	-8,554	0,135	0,279
CHR2	7220528	CHR2:7220528	SSF x Far_LoA	-9,760	-0,005	0,294
CHR2	7220529	CHR2:7220529	SSF x Far_LoA	-10,102	-0,077	0,296
CHR2	7254985	CHR2:7254985	SSF x Far_LoA	-11,032	0,080	0,282
CHR2	7265598	CHR2:7265598	SSF x Far_LoA	-11,526	0,051	0,286
CHR2	7265619	CHR2:7265619	SSF x Far_LoA	-11,031	0,045	0,293
CHR2	7266785	CHR2:7266785	SSF x Far_LoA	-10,383	0,004	0,276
CHR2	7266795	CHR2:7266795	SSF x Far_LoA	-9,350	0,096	0,284
CHR2	7266816	CHR2:7266816	SSF x Far_LoA	-11,247	-0,075	0,294
CHR2	7266859	CHR2:7266859	SSF x Far_LoA	-6,852	0,080	0,284
CHR2	7266896	CHR2:7266896	SSF x Far_LoA	-8,569	0,092	0,285
CHR2	7266900	CHR2:7266900	SSF x Far_LoA	-7,758	0,082	0,290
CHR2	7266947	CHR2:7266947	SSF x Far_LoA	-9,899	0,023	0,280
CHR2	7269268	CHR2:7269268	SSF x Far_LoA	-9,454	0,039	0,297
CHR2	7269303	CHR2:7269303	SSF x Far_LoA	-9,811	-0,004	0,303
CHR2	7273345	CHR2:7273345	SSF x Far_LoA	-9,705	-0,140	0,296
CHR2	7277748	CHR2:7277748	SSF x Far_LoA	-7,734	-0,040	0,292
CHR2	7277856	CHR2:7277856	SSF x Far_LoA	-9,218	-0,035	0,297
CHR2	7277957	CHR2:7277957	SSF x Far_LoA	-9,815	-0,045	0,304
CHR2	7277961	CHR2:7277961	SSF x Far_LoA	-10,228	-0,064	0,287
CHR2	7277990	CHR2:7277990	SSF x Far_LoA	-8,653	-0,110	0,283
CHR2	7282759	CHR2:7282759	SSF x Far_LoA	-9,060	-0,064	0,292
CHR2	7282775	CHR2:7282775	SSF x Far_LoA	-8,330	-0,034	0,297
CHR2	7283327	CHR2:7283327	SSF x Far_LoA	-8,251	-0,009	0,279
CHR2	7283412	CHR2:7283412	SSF x Far_LoA	-10,978	0,027	0,302
CHR2	7283423	CHR2:7283423	SSF x Far_LoA	-9,396	-0,114	0,293
CHR2	7289128	CHR2:7289128	SSF x Far_LoA	-7,869	0,042	0,290
CHR2	7289131	CHR2:7289131	SSF x Far_LoA	-2,202	-0,099	0,282
CHR2	7297248	CHR2:7297248	SSF x Far_LoA	-8,549	0,015	0,300
CHR2	7297263	CHR2:7297263	SSF x Far_LoA	-7,564	0,078	0,293
CHR2	7297371	CHR2:7297371	SSF x Far_LoA	-9,283	0,014	0,300
CHR2	7337181	CHR2:7337181	SSF x Far_LoA	-3,428	0,047	0,296
CHR2	7337183	CHR2:7337183	SSF x Far_LoA	-9,546	-0,107	0,294
CHR2	7355693	CHR2:7355693	SSF x Far_LoA	-7,980	-0,056	0,297
CHR2	7355925	CHR2:7355925	SSF x Far_LoA	-10,742	0,101	0,290
CHR2	7363432	CHR2:7363432	SSF x Far_LoA	-9,550	-0,079	0,298
CHR2	7363449	CHR2:7363449	SSF x Far_LoA	-11,233	0,006	0,300
CHR2	7363497	CHR2:7363497	SSF x Far_LoA	-9,583	0,012	0,284
CHR2	7363623	CHR2:7363623	SSF x Far_LoA	-9,867	0,012	0,308
CHR2	7363724	CHR2:7363724	SSF x Far_LoA	-8,558	-0,151	0,288
CHR2	7363776	CHR2:7363776	SSF x Far_LoA	-11,377	-0,003	0,265
CHR2	7363781	CHR2:7363781	SSF x Far_LoA	-8,369	-0,082	0,278
CHR2	7363817	CHR2:7363817	SSF x Far_LoA	-8,737	0,025	0,286
CHR2	7363819	CHR2:7363819	SSF x Far_LoA	-7,578	0,053	0,285
CHR2	7378542	CHR2:7378542	SSF x Far_LoA	-8,568	-0,121	0,288
CHR2	7378547	CHR2:7378547	SSF x Far_LoA	-9,204	-0,001	0,295
CHR2	7378613	CHR2:7378613	SSF x Far_LoA	-7,940	-0,068	0,315
CHR2	7396989	CHR2:7396989	SSF x Far_LoA	-9,635	-0,029	0,282
CHR2	7397022	CHR2:7397022	SSF x Far_LoA	-9,953	0,013	0,292

CHR2	7397027	CHR2:7397027	SSF x Far_LoA	-9,954	-0,012	0,298
CHR2	7397030	CHR2:7397030	SSF x Far_LoA	-8,461	0,045	0,303
CHR2	7397055	CHR2:7397055	SSF x Far_LoA	-8,931	0,041	0,288
CHR2	740465	CHR2:740465	SSF x Far_LoA	-9,892	-0,125	0,292
CHR2	740787	CHR2:740787	SSF x Far_LoA	-7,827	0,042	0,294
CHR2	7411587	CHR2:7411587	SSF x Far_LoA	-9,158	0,065	0,303
CHR2	7415684	CHR2:7415684	SSF x Far_LoA	-11,316	-0,014	0,301
CHR2	7415696	CHR2:7415696	SSF x Far_LoA	-7,718	-0,055	0,284
CHR2	7432452	CHR2:7432452	SSF x Far_LoA	-5,727	0,156	0,294
CHR2	744638	CHR2:744638	SSF x Far_LoA	-8,922	0,067	0,297
CHR2	746074	CHR2:746074	SSF x Far_LoA	-10,203	-0,014	0,303
CHR2	746122	CHR2:746122	SSF x Far_LoA	-7,924	-0,054	0,298
CHR2	746132	CHR2:746132	SSF x Far_LoA	-7,094	-0,041	0,296
CHR2	7484919	CHR2:7484919	SSF x Far_LoA	-11,630	0,044	0,289
CHR2	7484976	CHR2:7484976	SSF x Far_LoA	-10,954	-0,100	0,300
CHR2	757911	CHR2:757911	SSF x Far_LoA	-10,610	-0,076	0,296
CHR2	758049	CHR2:758049	SSF x Far_LoA	-1,449	-0,143	0,285
CHR2	758092	CHR2:758092	SSF x Far_LoA	-6,657	0,164	0,282
CHR2	758098	CHR2:758098	SSF x Far_LoA	-5,781	0,093	0,297
CHR2	758120	CHR2:758120	SSF x Far_LoA	-6,415	-0,151	0,293
CHR2	758145	CHR2:758145	SSF x Far_LoA	-9,032	0,057	0,278
CHR2	758151	CHR2:758151	SSF x Far_LoA	-6,203	-0,157	0,290
CHR2	7593718	CHR2:7593718	SSF x Far_LoA	-5,155	0,187	0,276
CHR2	7593749	CHR2:7593749	SSF x Far_LoA	-7,614	0,174	0,285
CHR2	7593765	CHR2:7593765	SSF x Far_LoA	-7,557	0,166	0,284
CHR2	7593851	CHR2:7593851	SSF x Far_LoA	-10,201	-0,117	0,275
CHR2	7597166	CHR2:7597166	SSF x Far_LoA	-5,977	-0,017	0,291
CHR2	7610797	CHR2:7610797	SSF x Far_LoA	-8,472	-0,074	0,292
CHR2	7629389	CHR2:7629389	SSF x Far_LoA	-7,403	-0,106	0,297
CHR2	7629418	CHR2:7629418	SSF x Far_LoA	-8,148	-0,004	0,296
CHR2	7629478	CHR2:7629478	SSF x Far_LoA	-8,397	0,170	0,275
CHR2	7629596	CHR2:7629596	SSF x Far_LoA	-8,883	-0,114	0,286
CHR2	7649041	CHR2:7649041	SSF x Far_LoA	-5,326	-0,143	0,294
CHR2	7649072	CHR2:7649072	SSF x Far_LoA	-9,435	-0,073	0,302
CHR2	7649136	CHR2:7649136	SSF x Far_LoA	-9,524	-0,117	0,293
CHR2	7649990	CHR2:7649990	SSF x Far_LoA	-8,150	0,065	0,307
CHR2	7673945	CHR2:7673945	SSF x Far_LoA	-8,357	-0,137	0,300
CHR2	7683398	CHR2:7683398	SSF x Far_LoA	-9,445	-0,063	0,291
CHR2	7695476	CHR2:7695476	SSF x Far_LoA	-11,379	-0,049	0,290
CHR2	7697903	CHR2:7697903	SSF x Far_LoA	-11,023	0,067	0,279
CHR2	7697970	CHR2:7697970	SSF x Far_LoA	-7,914	-0,074	0,296
CHR2	772359	CHR2:772359	SSF x Far_LoA	-10,105	0,011	0,300
CHR2	772384	CHR2:772384	SSF x Far_LoA	-11,300	-0,109	0,277
CHR2	7729847	CHR2:7729847	SSF x Far_LoA	-6,756	0,139	0,293
CHR2	7729990	CHR2:7729990	SSF x Far_LoA	-9,562	-0,057	0,284
CHR2	7730092	CHR2:7730092	SSF x Far_LoA	-9,700	0,060	0,290
CHR2	7730134	CHR2:7730134	SSF x Far_LoA	-8,046	-0,071	0,297
CHR2	7730173	CHR2:7730173	SSF x Far_LoA	-7,608	0,096	0,286
CHR2	7735828	CHR2:7735828	SSF x Far_LoA	3,303	0,060	0,278
CHR2	7735858	CHR2:7735858	SSF x Far_LoA	-9,705	-0,013	0,282
CHR2	7735869	CHR2:7735869	SSF x Far_LoA	-8,783	-0,009	0,282
CHR2	7735871	CHR2:7735871	SSF x Far_LoA	-8,714	0,012	0,282
CHR2	7735894	CHR2:7735894	SSF x Far_LoA	-10,030	0,038	0,280

CHR2	7735996	CHR2:7735996	SSF x Far_LoA	-8,724	0,189	0,276
CHR2	7740643	CHR2:7740643	SSF x Far_LoA	-7,877	-0,100	0,297
CHR2	7740702	CHR2:7740702	SSF x Far_LoA	-8,563	0,067	0,272
CHR2	7740731	CHR2:7740731	SSF x Far_LoA	-10,432	-0,051	0,299
CHR2	7740839	CHR2:7740839	SSF x Far_LoA	-10,938	-0,029	0,287
CHR2	7740853	CHR2:7740853	SSF x Far_LoA	-9,805	0,062	0,288
CHR2	7743786	CHR2:7743786	SSF x Far_LoA	-10,066	-0,039	0,296
CHR2	7743802	CHR2:7743802	SSF x Far_LoA	-7,295	0,141	0,292
CHR2	7743843	CHR2:7743843	SSF x Far_LoA	-10,142	-0,049	0,285
CHR2	7758270	CHR2:7758270	SSF x Far_LoA	-10,268	0,129	0,287
CHR2	7775748	CHR2:7775748	SSF x Far_LoA	-9,315	-0,005	0,289
CHR2	7775753	CHR2:7775753	SSF x Far_LoA	-8,544	0,050	0,299
CHR2	7775773	CHR2:7775773	SSF x Far_LoA	-7,182	0,049	0,297
CHR2	7775801	CHR2:7775801	SSF x Far_LoA	-7,427	-0,077	0,285
CHR2	7775830	CHR2:7775830	SSF x Far_LoA	-1,690	-0,176	0,264
CHR2	7775891	CHR2:7775891	SSF x Far_LoA	-8,316	0,129	0,282
CHR2	7775935	CHR2:7775935	SSF x Far_LoA	-7,973	0,125	0,276
CHR2	7775987	CHR2:7775987	SSF x Far_LoA	-9,059	-0,039	0,270
CHR2	7775990	CHR2:7775990	SSF x Far_LoA	-9,932	-0,036	0,276
CHR2	7803033	CHR2:7803033	SSF x Far_LoA	-6,980	-0,124	0,288
CHR2	7803034	CHR2:7803034	SSF x Far_LoA	-9,677	0,015	0,287
CHR2	7803211	CHR2:7803211	SSF x Far_LoA	-11,534	-0,024	0,276
CHR2	7812758	CHR2:7812758	SSF x Far_LoA	-3,237	-0,029	0,312
CHR2	7812796	CHR2:7812796	SSF x Far_LoA	-8,806	-0,041	0,302
CHR2	7812861	CHR2:7812861	SSF x Far_LoA	-10,084	-0,072	0,284
CHR2	7812890	CHR2:7812890	SSF x Far_LoA	-10,823	0,039	0,292
CHR2	7812935	CHR2:7812935	SSF x Far_LoA	-10,029	-0,023	0,295
CHR2	7820027	CHR2:7820027	SSF x Far_LoA	-10,333	-0,042	0,291
CHR2	7840841	CHR2:7840841	SSF x Far_LoA	-11,166	0,016	0,293
CHR2	7840944	CHR2:7840944	SSF x Far_LoA	-11,548	-0,073	0,292
CHR2	7862988	CHR2:7862988	SSF x Far_LoA	-9,885	-0,086	0,281
CHR2	7863041	CHR2:7863041	SSF x Far_LoA	-11,498	-0,050	0,279
CHR2	7863061	CHR2:7863061	SSF x Far_LoA	-8,780	-0,086	0,294
CHR2	7863064	CHR2:7863064	SSF x Far_LoA	-9,832	-0,096	0,301
CHR2	7863084	CHR2:7863084	SSF x Far_LoA	-8,056	-0,130	0,278
CHR2	7863106	CHR2:7863106	SSF x Far_LoA	-9,736	-0,086	0,296
CHR2	7863126	CHR2:7863126	SSF x Far_LoA	-5,266	0,118	0,271
CHR2	786679	CHR2:786679	SSF x Far_LoA	-10,519	0,017	0,292
CHR2	786709	CHR2:786709	SSF x Far_LoA	-10,752	-0,009	0,288
CHR2	786816	CHR2:786816	SSF x Far_LoA	-4,377	-0,046	0,281
CHR2	786967	CHR2:786967	SSF x Far_LoA	-10,806	-0,015	0,291
CHR2	7895941	CHR2:7895941	SSF x Far_LoA	-8,640	-0,121	0,277
CHR2	7903984	CHR2:7903984	SSF x Far_LoA	-10,674	0,033	0,289
CHR2	790779	CHR2:790779	SSF x Far_LoA	-11,938	-0,063	0,283
CHR2	791408	CHR2:791408	SSF x Far_LoA	-2,460	-0,088	0,285
CHR2	7914416	CHR2:7914416	SSF x Far_LoA	-10,098	0,091	0,291
CHR2	7914561	CHR2:7914561	SSF x Far_LoA	-11,185	-0,001	0,284
CHR2	7914574	CHR2:7914574	SSF x Far_LoA	-5,950	0,022	0,283
CHR2	7922680	CHR2:7922680	SSF x Far_LoA	-9,771	0,048	0,311
CHR2	7922904	CHR2:7922904	SSF x Far_LoA	-7,017	-0,100	0,286
CHR2	7922909	CHR2:7922909	SSF x Far_LoA	-9,200	-0,031	0,306
CHR2	7922921	CHR2:7922921	SSF x Far_LoA	-7,659	-0,073	0,295
CHR2	7922956	CHR2:7922956	SSF x Far_LoA	-8,866	0,031	0,302

CHR2	7923002	CHR2:7923002	SSF x Far_LoA	-11,843	-0,044	0,291
CHR2	7923018	CHR2:7923018	SSF x Far_LoA	-9,100	-0,034	0,277
CHR2	7923044	CHR2:7923044	SSF x Far_LoA	-11,495	0,053	0,281
CHR2	7923135	CHR2:7923135	SSF x Far_LoA	-10,361	0,050	0,286
CHR2	793761	CHR2:793761	SSF x Far_LoA	-9,748	-0,055	0,286
CHR2	793765	CHR2:793765	SSF x Far_LoA	-7,209	-0,114	0,290
CHR2	793872	CHR2:793872	SSF x Far_LoA	-6,695	-0,071	0,304
CHR2	793938	CHR2:793938	SSF x Far_LoA	-9,208	-0,032	0,292
CHR2	793974	CHR2:793974	SSF x Far_LoA	-9,712	-0,008	0,304
CHR2	7948515	CHR2:7948515	SSF x Far_LoA	-11,341	0,091	0,281
CHR2	7948569	CHR2:7948569	SSF x Far_LoA	-7,912	-0,048	0,291
CHR2	7952996	CHR2:7952996	SSF x Far_LoA	-11,750	0,011	0,280
CHR2	7953008	CHR2:7953008	SSF x Far_LoA	-9,193	0,108	0,273
CHR2	7953113	CHR2:7953113	SSF x Far_LoA	-10,447	-0,052	0,286
CHR2	795530	CHR2:795530	SSF x Far_LoA	-9,244	0,069	0,282
CHR2	795567	CHR2:795567	SSF x Far_LoA	-8,277	-0,051	0,298
CHR2	795603	CHR2:795603	SSF x Far_LoA	-9,956	0,064	0,295
CHR2	7956569	CHR2:7956569	SSF x Far_LoA	-10,942	0,044	0,295
CHR2	7956617	CHR2:7956617	SSF x Far_LoA	-10,574	0,008	0,284
CHR2	7956819	CHR2:7956819	SSF x Far_LoA	-11,254	-0,007	0,287
CHR2	7956990	CHR2:7956990	SSF x Far_LoA	-9,812	0,092	0,277
CHR2	7957002	CHR2:7957002	SSF x Far_LoA	-8,592	0,103	0,274
CHR2	7960635	CHR2:7960635	SSF x Far_LoA	-3,218	0,100	0,289
CHR2	7960725	CHR2:7960725	SSF x Far_LoA	-11,152	0,001	0,292
CHR2	7960756	CHR2:7960756	SSF x Far_LoA	-8,144	0,100	0,293
CHR2	7969879	CHR2:7969879	SSF x Far_LoA	-10,040	-0,013	0,296
CHR2	7969899	CHR2:7969899	SSF x Far_LoA	-7,030	0,033	0,296
CHR2	7969996	CHR2:7969996	SSF x Far_LoA	-6,818	-0,147	0,297
CHR2	7970112	CHR2:7970112	SSF x Far_LoA	-8,053	-0,014	0,294
CHR2	7970152	CHR2:7970152	SSF x Far_LoA	-11,656	-0,005	0,292
CHR2	7981727	CHR2:7981727	SSF x Far_LoA	-8,800	0,079	0,286
CHR2	7986096	CHR2:7986096	SSF x Far_LoA	-9,353	0,007	0,286
CHR2	804760	CHR2:804760	SSF x Far_LoA	-10,333	-0,007	0,284
CHR2	804830	CHR2:804830	SSF x Far_LoA	-6,668	-0,006	0,271
CHR2	804848	CHR2:804848	SSF x Far_LoA	-8,299	-0,036	0,294
CHR2	804852	CHR2:804852	SSF x Far_LoA	-7,420	0,034	0,298
CHR2	8080190	CHR2:8080190	SSF x Far_LoA	-5,762	-0,201	0,281
CHR2	8082035	CHR2:8082035	SSF x Far_LoA	-8,774	0,034	0,296
CHR2	8084091	CHR2:8084091	SSF x Far_LoA	-5,969	0,107	0,283
CHR2	808496	CHR2:808496	SSF x Far_LoA	-9,891	0,054	0,289
CHR2	8085302	CHR2:8085302	SSF x Far_LoA	-7,758	0,160	0,280
CHR2	808682	CHR2:808682	SSF x Far_LoA	-9,473	0,024	0,292
CHR2	8087701	CHR2:8087701	SSF x Far_LoA	-10,415	0,055	0,293
CHR2	8087705	CHR2:8087705	SSF x Far_LoA	-10,818	-0,020	0,283
CHR2	808917	CHR2:808917	SSF x Far_LoA	-9,506	-0,018	0,286
CHR2	808947	CHR2:808947	SSF x Far_LoA	-6,899	0,056	0,291
CHR2	8091523	CHR2:8091523	SSF x Far_LoA	-8,770	-0,079	0,290
CHR2	8100263	CHR2:8100263	SSF x Far_LoA	-8,365	-0,046	0,308
CHR2	8100526	CHR2:8100526	SSF x Far_LoA	-7,381	0,090	0,295
CHR2	8110706	CHR2:8110706	SSF x Far_LoA	-9,992	-0,061	0,293
CHR2	8110771	CHR2:8110771	SSF x Far_LoA	-8,980	0,062	0,283
CHR2	8110884	CHR2:8110884	SSF x Far_LoA	-6,720	0,054	0,290
CHR2	8110975	CHR2:8110975	SSF x Far_LoA	-7,569	0,066	0,289

CHR2	8119602	CHR2:8119602	SSF x Far_LoA	-9,499	-0,043	0,287
CHR2	8120227	CHR2:8120227	SSF x Far_LoA	-10,319	0,020	0,289
CHR2	8120240	CHR2:8120240	SSF x Far_LoA	-10,980	0,042	0,287
CHR2	8143061	CHR2:8143061	SSF x Far_LoA	-8,055	0,038	0,291
CHR2	816110	CHR2:816110	SSF x Far_LoA	-9,912	-0,119	0,274
CHR2	816201	CHR2:816201	SSF x Far_LoA	-8,207	-0,049	0,310
CHR2	816204	CHR2:816204	SSF x Far_LoA	-10,539	-0,026	0,287
CHR2	8162351	CHR2:8162351	SSF x Far_LoA	-8,651	0,046	0,277
CHR2	8162656	CHR2:8162656	SSF x Far_LoA	-9,110	-0,134	0,290
CHR2	816306	CHR2:816306	SSF x Far_LoA	-8,210	-0,017	0,299
CHR2	8187191	CHR2:8187191	SSF x Far_LoA	-9,123	0,188	0,277
CHR2	8187199	CHR2:8187199	SSF x Far_LoA	-4,315	0,179	0,283
CHR2	8187203	CHR2:8187203	SSF x Far_LoA	-6,804	0,179	0,281
CHR2	8187263	CHR2:8187263	SSF x Far_LoA	-9,208	-0,130	0,285
CHR2	8193343	CHR2:8193343	SSF x Far_LoA	-6,665	-0,095	0,283
CHR2	8193375	CHR2:8193375	SSF x Far_LoA	-9,409	-0,003	0,291
CHR2	8193417	CHR2:8193417	SSF x Far_LoA	-9,831	-0,038	0,262
CHR2	8193451	CHR2:8193451	SSF x Far_LoA	-8,779	-0,126	0,303
CHR2	8211526	CHR2:8211526	SSF x Far_LoA	-10,468	0,071	0,267
CHR2	8211549	CHR2:8211549	SSF x Far_LoA	-7,534	0,083	0,299
CHR2	8211564	CHR2:8211564	SSF x Far_LoA	-8,165	-0,013	0,306
CHR2	8211591	CHR2:8211591	SSF x Far_LoA	-9,816	-0,047	0,310
CHR2	8211691	CHR2:8211691	SSF x Far_LoA	-9,376	-0,061	0,298
CHR2	8211713	CHR2:8211713	SSF x Far_LoA	-8,582	-0,067	0,294
CHR2	8214181	CHR2:8214181	SSF x Far_LoA	-11,317	0,088	0,295
CHR2	8238506	CHR2:8238506	SSF x Far_LoA	-4,204	0,048	0,277
CHR2	8238511	CHR2:8238511	SSF x Far_LoA	-10,017	-0,078	0,281
CHR2	8238578	CHR2:8238578	SSF x Far_LoA	-11,239	0,054	0,282
CHR2	8238606	CHR2:8238606	SSF x Far_LoA	-9,708	0,127	0,275
CHR2	8238614	CHR2:8238614	SSF x Far_LoA	-11,105	0,027	0,285
CHR2	8238730	CHR2:8238730	SSF x Far_LoA	-10,580	0,009	0,278
CHR2	8245842	CHR2:8245842	SSF x Far_LoA	-11,814	-0,037	0,286
CHR2	8245880	CHR2:8245880	SSF x Far_LoA	-8,927	-0,078	0,294
CHR2	8245916	CHR2:8245916	SSF x Far_LoA	-11,330	-0,012	0,299
CHR2	825438	CHR2:825438	SSF x Far_LoA	-8,111	0,055	0,291
CHR2	825493	CHR2:825493	SSF x Far_LoA	-3,967	0,090	0,290
CHR2	825498	CHR2:825498	SSF x Far_LoA	-11,229	0,023	0,307
CHR2	8289240	CHR2:8289240	SSF x Far_LoA	-10,653	0,048	0,287
CHR2	8291209	CHR2:8291209	SSF x Far_LoA	-8,417	0,067	0,287
CHR2	8296230	CHR2:8296230	SSF x Far_LoA	-9,418	0,055	0,296
CHR2	8296594	CHR2:8296594	SSF x Far_LoA	-10,452	0,099	0,291
CHR2	8346519	CHR2:8346519	SSF x Far_LoA	-9,567	-0,013	0,304
CHR2	8346552	CHR2:8346552	SSF x Far_LoA	-9,709	-0,004	0,296
CHR2	8351809	CHR2:8351809	SSF x Far_LoA	-1,650	0,140	0,288
CHR2	8351837	CHR2:8351837	SSF x Far_LoA	-5,061	0,088	0,286
CHR2	8353133	CHR2:8353133	SSF x Far_LoA	-12,080	0,010	0,289
CHR2	8359248	CHR2:8359248	SSF x Far_LoA	-8,381	-0,058	0,293
CHR2	8359406	CHR2:8359406	SSF x Far_LoA	-10,544	-0,070	0,284
CHR2	8359430	CHR2:8359430	SSF x Far_LoA	-10,539	-0,021	0,293
CHR2	8359443	CHR2:8359443	SSF x Far_LoA	-9,156	-0,029	0,298
CHR2	8359495	CHR2:8359495	SSF x Far_LoA	-10,459	-0,018	0,290
CHR2	8359500	CHR2:8359500	SSF x Far_LoA	-8,264	0,107	0,284
CHR2	8359507	CHR2:8359507	SSF x Far_LoA	-11,282	-0,028	0,270

CHR2	8359532	CHR2:8359532	SSF x Far_LoA	-9,248	-0,081	0,292
CHR2	836299	CHR2:836299	SSF x Far_LoA	-9,382	-0,060	0,279
CHR2	837330	CHR2:837330	SSF x Far_LoA	-7,600	-0,006	0,300
CHR2	837352	CHR2:837352	SSF x Far_LoA	-8,022	0,156	0,271
CHR2	837449	CHR2:837449	SSF x Far_LoA	-9,759	0,079	0,278
CHR2	8377180	CHR2:8377180	SSF x Far_LoA	-9,100	0,100	0,284
CHR2	8378367	CHR2:8378367	SSF x Far_LoA	-4,832	0,158	0,298
CHR2	8378556	CHR2:8378556	SSF x Far_LoA	-3,840	0,019	0,285
CHR2	8385260	CHR2:8385260	SSF x Far_LoA	-9,171	-0,012	0,311
CHR2	8385302	CHR2:8385302	SSF x Far_LoA	-8,973	-0,049	0,283
CHR2	8385493	CHR2:8385493	SSF x Far_LoA	-6,099	0,198	0,282
CHR2	8404758	CHR2:8404758	SSF x Far_LoA	-10,227	-0,055	0,293
CHR2	8412531	CHR2:8412531	SSF x Far_LoA	-10,073	0,136	0,277
CHR2	8412576	CHR2:8412576	SSF x Far_LoA	-6,566	-0,099	0,308
CHR2	8412976	CHR2:8412976	SSF x Far_LoA	-9,270	-0,057	0,284
CHR2	8416412	CHR2:8416412	SSF x Far_LoA	-12,353	0,052	0,283
CHR2	8416418	CHR2:8416418	SSF x Far_LoA	-8,880	-0,071	0,287
CHR2	8416438	CHR2:8416438	SSF x Far_LoA	-12,146	0,018	0,298
CHR2	8416452	CHR2:8416452	SSF x Far_LoA	-11,565	-0,065	0,303
CHR2	8416609	CHR2:8416609	SSF x Far_LoA	-7,965	0,066	0,293
CHR2	8416614	CHR2:8416614	SSF x Far_LoA	-1,702	-0,026	0,290
CHR2	841820	CHR2:841820	SSF x Far_LoA	-6,655	0,125	0,293
CHR2	8433194	CHR2:8433194	SSF x Far_LoA	-9,241	0,028	0,307
CHR2	8433284	CHR2:8433284	SSF x Far_LoA	-8,938	-0,129	0,287
CHR2	8439296	CHR2:8439296	SSF x Far_LoA	-11,526	-0,026	0,265
CHR2	8451202	CHR2:8451202	SSF x Far_LoA	-10,941	0,075	0,286
CHR2	845186	CHR2:845186	SSF x Far_LoA	-9,513	0,079	0,296
CHR2	845224	CHR2:845224	SSF x Far_LoA	-8,487	0,107	0,260
CHR2	8455743	CHR2:8455743	SSF x Far_LoA	-9,705	-0,083	0,313
CHR2	8455941	CHR2:8455941	SSF x Far_LoA	-10,116	0,053	0,296
CHR2	8456026	CHR2:8456026	SSF x Far_LoA	-7,568	0,081	0,294
CHR2	8460274	CHR2:8460274	SSF x Far_LoA	-11,167	-0,023	0,291
CHR2	8460294	CHR2:8460294	SSF x Far_LoA	-6,538	0,093	0,298
CHR2	8460306	CHR2:8460306	SSF x Far_LoA	-11,881	-0,051	0,286
CHR2	8483934	CHR2:8483934	SSF x Far_LoA	-9,572	0,005	0,294
CHR2	8484269	CHR2:8484269	SSF x Far_LoA	-7,806	-0,092	0,283
CHR2	8500516	CHR2:8500516	SSF x Far_LoA	-9,955	-0,049	0,295
CHR2	8505320	CHR2:8505320	SSF x Far_LoA	-8,401	0,098	0,314
CHR2	8506680	CHR2:8506680	SSF x Far_LoA	-10,603	-0,024	0,307
CHR2	8506716	CHR2:8506716	SSF x Far_LoA	-6,902	-0,108	0,306
CHR2	8507897	CHR2:8507897	SSF x Far_LoA	-10,632	-0,003	0,294
CHR2	8507931	CHR2:8507931	SSF x Far_LoA	-10,098	-0,024	0,305
CHR2	8508143	CHR2:8508143	SSF x Far_LoA	-9,239	0,018	0,296
CHR2	8533921	CHR2:8533921	SSF x Far_LoA	-6,697	0,123	0,296
CHR2	8534164	CHR2:8534164	SSF x Far_LoA	-10,097	-0,006	0,278
CHR2	8534165	CHR2:8534165	SSF x Far_LoA	-10,089	-0,003	0,300
CHR2	8534171	CHR2:8534171	SSF x Far_LoA	-11,291	0,080	0,283
CHR2	8534299	CHR2:8534299	SSF x Far_LoA	-8,171	0,120	0,286
CHR2	8541056	CHR2:8541056	SSF x Far_LoA	-9,774	-0,036	0,275
CHR2	8541096	CHR2:8541096	SSF x Far_LoA	-4,547	-0,121	0,290
CHR2	8541200	CHR2:8541200	SSF x Far_LoA	-8,304	0,051	0,289
CHR2	8584616	CHR2:8584616	SSF x Far_LoA	-8,890	-0,074	0,294
CHR2	8587955	CHR2:8587955	SSF x Far_LoA	-8,970	0,114	0,294

CHR2	8587978	CHR2:8587978	SSF x Far_LoA	-11,881	-0,031	0,289
CHR2	8587992	CHR2:8587992	SSF x Far_LoA	-10,890	-0,020	0,298
CHR2	8588047	CHR2:8588047	SSF x Far_LoA	-9,233	-0,054	0,299
CHR2	8592919	CHR2:8592919	SSF x Far_LoA	-11,618	0,024	0,285
CHR2	8592920	CHR2:8592920	SSF x Far_LoA	-11,817	0,031	0,278
CHR2	8615328	CHR2:8615328	SSF x Far_LoA	-8,751	0,141	0,286
CHR2	8615364	CHR2:8615364	SSF x Far_LoA	-11,887	-0,096	0,276
CHR2	8615388	CHR2:8615388	SSF x Far_LoA	-10,450	0,053	0,282
CHR2	8615580	CHR2:8615580	SSF x Far_LoA	-11,812	-0,032	0,277
CHR2	8637925	CHR2:8637925	SSF x Far_LoA	-2,544	-0,204	0,277
CHR2	8638073	CHR2:8638073	SSF x Far_LoA	-8,126	0,123	0,289
CHR2	8638223	CHR2:8638223	SSF x Far_LoA	-10,722	0,017	0,301
CHR2	8638289	CHR2:8638289	SSF x Far_LoA	-10,552	0,002	0,294
CHR2	8644989	CHR2:8644989	SSF x Far_LoA	-8,313	0,001	0,303
CHR2	8645104	CHR2:8645104	SSF x Far_LoA	-8,329	-0,121	0,286
CHR2	8645183	CHR2:8645183	SSF x Far_LoA	-8,796	0,117	0,269
CHR2	8645219	CHR2:8645219	SSF x Far_LoA	-9,961	-0,011	0,290
CHR2	8650490	CHR2:8650490	SSF x Far_LoA	-10,002	0,024	0,282
CHR2	8650545	CHR2:8650545	SSF x Far_LoA	-8,922	0,062	0,293
CHR2	8651901	CHR2:8651901	SSF x Far_LoA	-9,428	-0,011	0,295
CHR2	865488	CHR2:865488	SSF x Far_LoA	-11,326	-0,016	0,269
CHR2	865608	CHR2:865608	SSF x Far_LoA	-5,243	0,061	0,305
CHR2	865643	CHR2:865643	SSF x Far_LoA	-8,617	-0,053	0,289
CHR2	8657146	CHR2:8657146	SSF x Far_LoA	-9,496	0,093	0,266
CHR2	8657192	CHR2:8657192	SSF x Far_LoA	-10,865	0,062	0,276
CHR2	8657349	CHR2:8657349	SSF x Far_LoA	-9,628	0,097	0,282
CHR2	8661182	CHR2:8661182	SSF x Far_LoA	-11,411	-0,018	0,297
CHR2	8661255	CHR2:8661255	SSF x Far_LoA	-7,238	-0,169	0,279
CHR2	8661345	CHR2:8661345	SSF x Far_LoA	-7,364	0,098	0,287
CHR2	8661354	CHR2:8661354	SSF x Far_LoA	-4,105	-0,031	0,292
CHR2	8661384	CHR2:8661384	SSF x Far_LoA	-7,400	0,048	0,289
CHR2	8661398	CHR2:8661398	SSF x Far_LoA	-9,712	0,034	0,287
CHR2	8661406	CHR2:8661406	SSF x Far_LoA	-8,889	0,077	0,274
CHR2	8661434	CHR2:8661434	SSF x Far_LoA	-10,058	-0,041	0,289
CHR2	8673951	CHR2:8673951	SSF x Far_LoA	-11,413	0,048	0,272
CHR2	8673970	CHR2:8673970	SSF x Far_LoA	-8,738	-0,105	0,281
CHR2	8674080	CHR2:8674080	SSF x Far_LoA	-9,259	0,016	0,299
CHR2	8674291	CHR2:8674291	SSF x Far_LoA	-7,234	-0,034	0,286
CHR2	8677342	CHR2:8677342	SSF x Far_LoA	-9,022	-0,022	0,287
CHR2	8687354	CHR2:8687354	SSF x Far_LoA	-11,228	-0,083	0,285
CHR2	8687395	CHR2:8687395	SSF x Far_LoA	-9,743	-0,115	0,266
CHR2	8687403	CHR2:8687403	SSF x Far_LoA	-7,175	-0,097	0,278
CHR2	8687490	CHR2:8687490	SSF x Far_LoA	-10,875	-0,028	0,273
CHR2	8687507	CHR2:8687507	SSF x Far_LoA	-10,841	-0,037	0,286
CHR2	8687583	CHR2:8687583	SSF x Far_LoA	-8,235	0,015	0,289
CHR2	8705466	CHR2:8705466	SSF x Far_LoA	-7,872	-0,086	0,301
CHR2	8707601	CHR2:8707601	SSF x Far_LoA	-12,426	-0,048	0,285
CHR2	8707618	CHR2:8707618	SSF x Far_LoA	-9,709	-0,039	0,287
CHR2	8707633	CHR2:8707633	SSF x Far_LoA	-8,023	-0,009	0,292
CHR2	8707636	CHR2:8707636	SSF x Far_LoA	-8,570	-0,059	0,280
CHR2	8707640	CHR2:8707640	SSF x Far_LoA	-8,447	-0,026	0,293
CHR2	8707657	CHR2:8707657	SSF x Far_LoA	-7,588	-0,026	0,297
CHR2	8707665	CHR2:8707665	SSF x Far_LoA	-8,400	-0,038	0,291

CHR2	8707670	CHR2:8707670	SSF x Far_LoA	-10,225	-0,074	0,296
CHR2	8707671	CHR2:8707671	SSF x Far_LoA	-11,850	-0,003	0,290
CHR2	8707672	CHR2:8707672	SSF x Far_LoA	-9,424	-0,031	0,286
CHR2	8707690	CHR2:8707690	SSF x Far_LoA	-7,978	-0,038	0,290
CHR2	8707702	CHR2:8707702	SSF x Far_LoA	-10,822	0,001	0,293
CHR2	8721022	CHR2:8721022	SSF x Far_LoA	-9,075	-0,057	0,292
CHR2	8721148	CHR2:8721148	SSF x Far_LoA	-8,340	-0,134	0,292
CHR2	873683	CHR2:873683	SSF x Far_LoA	-7,660	0,077	0,284
CHR2	873689	CHR2:873689	SSF x Far_LoA	-6,732	-0,045	0,295
CHR2	873704	CHR2:873704	SSF x Far_LoA	-7,888	-0,022	0,300
CHR2	8738978	CHR2:8738978	SSF x Far_LoA	-11,105	0,013	0,300
CHR2	8739126	CHR2:8739126	SSF x Far_LoA	-10,971	-0,052	0,282
CHR2	8739226	CHR2:8739226	SSF x Far_LoA	-8,708	-0,008	0,282
CHR2	8739240	CHR2:8739240	SSF x Far_LoA	-10,623	-0,035	0,290
CHR2	8739271	CHR2:8739271	SSF x Far_LoA	-6,247	0,113	0,264
CHR2	8739340	CHR2:8739340	SSF x Far_LoA	-10,240	-0,036	0,281
CHR2	874319	CHR2:874319	SSF x Far_LoA	-10,241	-0,030	0,279
CHR2	8751555	CHR2:8751555	SSF x Far_LoA	-11,265	0,007	0,284
CHR2	8751623	CHR2:8751623	SSF x Far_LoA	-9,096	0,065	0,294
CHR2	8751766	CHR2:8751766	SSF x Far_LoA	-10,345	0,075	0,285
CHR2	8780242	CHR2:8780242	SSF x Far_LoA	-11,133	-0,073	0,291
CHR2	8780425	CHR2:8780425	SSF x Far_LoA	-9,539	-0,024	0,292
CHR2	8781301	CHR2:8781301	SSF x Far_LoA	-9,780	-0,025	0,287
CHR2	8781343	CHR2:8781343	SSF x Far_LoA	-7,563	-0,045	0,299
CHR2	8781366	CHR2:8781366	SSF x Far_LoA	-9,476	-0,055	0,299
CHR2	8781519	CHR2:8781519	SSF x Far_LoA	-7,855	-0,107	0,285
CHR2	8781535	CHR2:8781535	SSF x Far_LoA	-7,093	-0,112	0,287
CHR2	8783796	CHR2:8783796	SSF x Far_LoA	-7,013	-0,113	0,285
CHR2	8784042	CHR2:8784042	SSF x Far_LoA	-9,220	-0,026	0,292
CHR2	8784100	CHR2:8784100	SSF x Far_LoA	-8,938	0,024	0,291
CHR2	8805477	CHR2:8805477	SSF x Far_LoA	-9,075	0,051	0,292
CHR2	8840368	CHR2:8840368	SSF x Far_LoA	-10,573	0,131	0,287
CHR2	8855964	CHR2:8855964	SSF x Far_LoA	-7,837	-0,100	0,285
CHR2	8855967	CHR2:8855967	SSF x Far_LoA	-7,882	-0,169	0,277
CHR2	8868158	CHR2:8868158	SSF x Far_LoA	-10,832	-0,006	0,303
CHR2	8868326	CHR2:8868326	SSF x Far_LoA	-9,856	0,016	0,301
CHR2	8868335	CHR2:8868335	SSF x Far_LoA	-9,020	0,125	0,280
CHR2	8868399	CHR2:8868399	SSF x Far_LoA	-10,223	-0,054	0,293
CHR2	8868442	CHR2:8868442	SSF x Far_LoA	-9,421	0,019	0,283
CHR2	8868448	CHR2:8868448	SSF x Far_LoA	-9,606	-0,101	0,290
CHR2	8868483	CHR2:8868483	SSF x Far_LoA	-4,767	-0,192	0,290
CHR2	888988	CHR2:888988	SSF x Far_LoA	-2,810	0,031	0,302
CHR2	8890323	CHR2:8890323	SSF x Far_LoA	-7,610	0,187	0,287
CHR2	8890400	CHR2:8890400	SSF x Far_LoA	-8,673	0,106	0,301
CHR2	8890418	CHR2:8890418	SSF x Far_LoA	-10,089	0,097	0,276
CHR2	889262	CHR2:889262	SSF x Far_LoA	-12,221	-0,028	0,295
CHR2	889335	CHR2:889335	SSF x Far_LoA	-7,697	0,126	0,295
CHR2	8900540	CHR2:8900540	SSF x Far_LoA	-7,288	0,019	0,295
CHR2	8900581	CHR2:8900581	SSF x Far_LoA	-9,811	-0,006	0,300
CHR2	8906603	CHR2:8906603	SSF x Far_LoA	-8,159	-0,117	0,294
CHR2	8926141	CHR2:8926141	SSF x Far_LoA	-7,364	-0,104	0,283
CHR2	8926154	CHR2:8926154	SSF x Far_LoA	-7,625	-0,125	0,286
CHR2	8926166	CHR2:8926166	SSF x Far_LoA	-7,698	0,110	0,272

CHR2	8926248	CHR2:8926248	SSF x Far_LoA	-8,830	-0,096	0,284
CHR2	8935613	CHR2:8935613	SSF x Far_LoA	-6,352	0,141	0,290
CHR2	8938902	CHR2:8938902	SSF x Far_LoA	-10,468	0,026	0,296
CHR2	894280	CHR2:894280	SSF x Far_LoA	-9,328	-0,014	0,286
CHR2	8943618	CHR2:8943618	SSF x Far_LoA	-9,959	0,088	0,296
CHR2	8943670	CHR2:8943670	SSF x Far_LoA	-8,237	-0,079	0,307
CHR2	8943693	CHR2:8943693	SSF x Far_LoA	-8,283	0,126	0,290
CHR2	8943749	CHR2:8943749	SSF x Far_LoA	-7,608	0,057	0,302
CHR2	894855	CHR2:894855	SSF x Far_LoA	-6,845	-0,020	0,310
CHR2	894908	CHR2:894908	SSF x Far_LoA	-10,079	0,089	0,289
CHR2	894913	CHR2:894913	SSF x Far_LoA	-12,006	-0,044	0,276
CHR2	899020	CHR2:899020	SSF x Far_LoA	-7,590	0,074	0,283
CHR2	9007309	CHR2:9007309	SSF x Far_LoA	-6,916	-0,045	0,292
CHR2	9007448	CHR2:9007448	SSF x Far_LoA	-8,093	-0,006	0,282
CHR2	9010948	CHR2:9010948	SSF x Far_LoA	-5,848	0,118	0,283
CHR2	9016615	CHR2:9016615	SSF x Far_LoA	-9,210	-0,055	0,289
CHR2	9016701	CHR2:9016701	SSF x Far_LoA	-10,491	0,025	0,293
CHR2	9016730	CHR2:9016730	SSF x Far_LoA	-8,592	0,054	0,298
CHR2	9016764	CHR2:9016764	SSF x Far_LoA	-12,020	0,026	0,290
CHR2	9016823	CHR2:9016823	SSF x Far_LoA	-10,761	0,043	0,285
CHR2	9016830	CHR2:9016830	SSF x Far_LoA	-10,096	0,038	0,287
CHR2	9020323	CHR2:9020323	SSF x Far_LoA	-10,445	-0,030	0,275
CHR2	9020372	CHR2:9020372	SSF x Far_LoA	-6,656	-0,001	0,307
CHR2	9020423	CHR2:9020423	SSF x Far_LoA	-7,460	0,103	0,284
CHR2	9020429	CHR2:9020429	SSF x Far_LoA	-9,265	0,022	0,294
CHR2	9020463	CHR2:9020463	SSF x Far_LoA	-1,965	-0,158	0,286
CHR2	9020502	CHR2:9020502	SSF x Far_LoA	-10,091	-0,009	0,295
CHR2	9020533	CHR2:9020533	SSF x Far_LoA	-9,256	-0,034	0,289
CHR2	9020579	CHR2:9020579	SSF x Far_LoA	-9,213	0,021	0,294
CHR2	9020583	CHR2:9020583	SSF x Far_LoA	-9,942	0,126	0,286
CHR2	902081	CHR2:902081	SSF x Far_LoA	-9,488	0,013	0,302
CHR2	9023214	CHR2:9023214	SSF x Far_LoA	-7,295	-0,103	0,286
CHR2	9023361	CHR2:9023361	SSF x Far_LoA	-8,631	-0,078	0,295
CHR2	9023486	CHR2:9023486	SSF x Far_LoA	-8,484	0,059	0,298
CHR2	9023501	CHR2:9023501	SSF x Far_LoA	-9,158	-0,032	0,293
CHR2	9033409	CHR2:9033409	SSF x Far_LoA	-9,082	-0,034	0,286
CHR2	9033414	CHR2:9033414	SSF x Far_LoA	-10,480	-0,066	0,300
CHR2	9033465	CHR2:9033465	SSF x Far_LoA	-10,385	-0,095	0,291
CHR2	9038509	CHR2:9038509	SSF x Far_LoA	-8,952	-0,012	0,298
CHR2	905666	CHR2:905666	SSF x Far_LoA	-8,580	0,118	0,292
CHR2	9057699	CHR2:9057699	SSF x Far_LoA	-8,350	0,012	0,296
CHR2	905771	CHR2:905771	SSF x Far_LoA	-7,255	0,103	0,280
CHR2	905788	CHR2:905788	SSF x Far_LoA	-4,678	0,157	0,290
CHR2	905794	CHR2:905794	SSF x Far_LoA	-9,045	-0,020	0,292
CHR2	905847	CHR2:905847	SSF x Far_LoA	-7,711	0,183	0,294
CHR2	9076515	CHR2:9076515	SSF x Far_LoA	-10,607	-0,037	0,293
CHR2	9078386	CHR2:9078386	SSF x Far_LoA	-10,717	-0,015	0,279
CHR2	9080804	CHR2:9080804	SSF x Far_LoA	-10,688	0,037	0,293
CHR2	9080822	CHR2:9080822	SSF x Far_LoA	-5,760	0,177	0,273
CHR2	9091491	CHR2:9091491	SSF x Far_LoA	-7,946	-0,046	0,280
CHR2	9091519	CHR2:9091519	SSF x Far_LoA	-12,238	0,032	0,275
CHR2	9091536	CHR2:9091536	SSF x Far_LoA	-8,345	0,030	0,294
CHR2	9106632	CHR2:9106632	SSF x Far_LoA	-9,067	0,121	0,278

CHR2	9106672	CHR2:9106672	SSF x Far_LoA	-9,970	0,061	0,291
CHR2	9106753	CHR2:9106753	SSF x Far_LoA	-10,075	0,031	0,287
CHR2	9106754	CHR2:9106754	SSF x Far_LoA	-9,025	0,036	0,291
CHR2	9115449	CHR2:9115449	SSF x Far_LoA	-10,160	0,052	0,288
CHR2	9118677	CHR2:9118677	SSF x Far_LoA	-11,524	-0,046	0,283
CHR2	9118895	CHR2:9118895	SSF x Far_LoA	-9,374	0,010	0,292
CHR2	9122668	CHR2:9122668	SSF x Far_LoA	-11,076	-0,013	0,302
CHR2	9122705	CHR2:9122705	SSF x Far_LoA	-11,591	-0,076	0,289
CHR2	914233	CHR2:914233	SSF x Far_LoA	-10,077	0,036	0,297
CHR2	9147229	CHR2:9147229	SSF x Far_LoA	-10,397	0,054	0,298
CHR2	9147260	CHR2:9147260	SSF x Far_LoA	-7,246	-0,074	0,287
CHR2	9148954	CHR2:9148954	SSF x Far_LoA	-8,475	-0,025	0,302
CHR2	9149404	CHR2:9149404	SSF x Far_LoA	-9,920	-0,035	0,271
CHR2	9173205	CHR2:9173205	SSF x Far_LoA	-9,199	0,107	0,303
CHR2	9173443	CHR2:9173443	SSF x Far_LoA	-10,078	0,090	0,288
CHR2	9173444	CHR2:9173444	SSF x Far_LoA	-9,769	0,082	0,307
CHR2	9187407	CHR2:9187407	SSF x Far_LoA	-11,312	-0,098	0,281
CHR2	9187414	CHR2:9187414	SSF x Far_LoA	-9,868	-0,015	0,277
CHR2	9187435	CHR2:9187435	SSF x Far_LoA	-9,127	0,097	0,272
CHR2	9228108	CHR2:9228108	SSF x Far_LoA	-7,690	-0,078	0,297
CHR2	9232241	CHR2:9232241	SSF x Far_LoA	-9,369	-0,048	0,281
CHR2	9232433	CHR2:9232433	SSF x Far_LoA	-7,302	-0,118	0,281
CHR2	9239529	CHR2:9239529	SSF x Far_LoA	-10,808	-0,115	0,282
CHR2	9239700	CHR2:9239700	SSF x Far_LoA	-9,451	0,019	0,289
CHR2	9244613	CHR2:9244613	SSF x Far_LoA	-9,623	-0,005	0,304
CHR2	9244799	CHR2:9244799	SSF x Far_LoA	-9,683	0,076	0,302
CHR2	9248021	CHR2:9248021	SSF x Far_LoA	-6,582	-0,046	0,295
CHR2	9273959	CHR2:9273959	SSF x Far_LoA	-9,624	-0,099	0,293
CHR2	9274070	CHR2:9274070	SSF x Far_LoA	-11,862	-0,085	0,276
CHR2	9274087	CHR2:9274087	SSF x Far_LoA	-7,358	0,008	0,279
CHR2	9276072	CHR2:9276072	SSF x Far_LoA	-8,618	0,005	0,282
CHR2	9276084	CHR2:9276084	SSF x Far_LoA	-10,429	-0,058	0,299
CHR2	9276096	CHR2:9276096	SSF x Far_LoA	-7,982	-0,080	0,291
CHR2	9276102	CHR2:9276102	SSF x Far_LoA	-8,570	0,187	0,254
CHR2	9276105	CHR2:9276105	SSF x Far_LoA	-9,072	-0,009	0,296
CHR2	9276148	CHR2:9276148	SSF x Far_LoA	-9,866	-0,033	0,286
CHR2	9276151	CHR2:9276151	SSF x Far_LoA	-8,690	0,193	0,269
CHR2	9283723	CHR2:9283723	SSF x Far_LoA	-7,751	0,128	0,292
CHR2	9283743	CHR2:9283743	SSF x Far_LoA	-7,841	-0,061	0,267
CHR2	9284173	CHR2:9284173	SSF x Far_LoA	-10,942	0,051	0,298
CHR2	929075	CHR2:929075	SSF x Far_LoA	-9,897	0,101	0,280
CHR2	929127	CHR2:929127	SSF x Far_LoA	-10,470	-0,010	0,301
CHR2	929239	CHR2:929239	SSF x Far_LoA	-8,414	-0,034	0,293
CHR2	929390	CHR2:929390	SSF x Far_LoA	-7,544	-0,083	0,284
CHR2	929410	CHR2:929410	SSF x Far_LoA	-11,201	-0,014	0,295
CHR2	929442	CHR2:929442	SSF x Far_LoA	-8,515	-0,113	0,293
CHR2	929459	CHR2:929459	SSF x Far_LoA	-9,856	0,054	0,299
CHR2	9296546	CHR2:9296546	SSF x Far_LoA	-8,207	-0,060	0,288
CHR2	9296562	CHR2:9296562	SSF x Far_LoA	-9,244	-0,093	0,291
CHR2	9316737	CHR2:9316737	SSF x Far_LoA	-9,769	-0,078	0,299
CHR2	9317058	CHR2:9317058	SSF x Far_LoA	-9,365	-0,050	0,299
CHR2	9327635	CHR2:9327635	SSF x Far_LoA	-8,845	-0,082	0,273
CHR2	9327644	CHR2:9327644	SSF x Far_LoA	-9,395	-0,060	0,284

CHR2	9327668	CHR2:9327668	SSF x Far_LoA	-8,956	-0,084	0,302
CHR2	9327671	CHR2:9327671	SSF x Far_LoA	-10,153	-0,054	0,297
CHR2	9327731	CHR2:9327731	SSF x Far_LoA	-7,555	-0,125	0,288
CHR2	9327839	CHR2:9327839	SSF x Far_LoA	-7,663	-0,077	0,290
CHR2	9327878	CHR2:9327878	SSF x Far_LoA	-11,141	-0,041	0,281
CHR2	9356563	CHR2:9356563	SSF x Far_LoA	-6,426	0,058	0,292
CHR2	9356622	CHR2:9356622	SSF x Far_LoA	-8,289	-0,063	0,305
CHR2	9356646	CHR2:9356646	SSF x Far_LoA	-8,156	0,190	0,285
CHR2	9356655	CHR2:9356655	SSF x Far_LoA	-8,898	-0,136	0,305
CHR2	9356663	CHR2:9356663	SSF x Far_LoA	-7,671	-0,170	0,305
CHR2	9356671	CHR2:9356671	SSF x Far_LoA	-10,747	0,086	0,296
CHR2	9356680	CHR2:9356680	SSF x Far_LoA	-7,227	-0,138	0,299
CHR2	9361743	CHR2:9361743	SSF x Far_LoA	-9,892	-0,014	0,300
CHR2	9361822	CHR2:9361822	SSF x Far_LoA	-3,512	0,128	0,287
CHR2	9361827	CHR2:9361827	SSF x Far_LoA	-10,756	-0,010	0,287
CHR2	9363430	CHR2:9363430	SSF x Far_LoA	-9,385	-0,017	0,290
CHR2	9363712	CHR2:9363712	SSF x Far_LoA	-10,136	0,058	0,278
CHR2	9363759	CHR2:9363759	SSF x Far_LoA	-9,556	0,035	0,292
CHR2	9363777	CHR2:9363777	SSF x Far_LoA	-11,306	-0,024	0,294
CHR2	9367819	CHR2:9367819	SSF x Far_LoA	-8,393	-0,067	0,276
CHR2	9367843	CHR2:9367843	SSF x Far_LoA	-7,207	0,085	0,297
CHR2	9371058	CHR2:9371058	SSF x Far_LoA	-11,219	0,021	0,299
CHR2	9371157	CHR2:9371157	SSF x Far_LoA	-7,855	0,100	0,296
CHR2	9425888	CHR2:9425888	SSF x Far_LoA	-8,304	-0,123	0,285
CHR2	9425915	CHR2:9425915	SSF x Far_LoA	-10,590	0,054	0,292
CHR2	9426014	CHR2:9426014	SSF x Far_LoA	-9,265	-0,044	0,291
CHR2	9447645	CHR2:9447645	SSF x Far_LoA	-7,973	-0,159	0,288
CHR2	9451421	CHR2:9451421	SSF x Far_LoA	-6,438	-0,202	0,286
CHR2	9451586	CHR2:9451586	SSF x Far_LoA	-4,912	-0,139	0,280
CHR2	9452099	CHR2:9452099	SSF x Far_LoA	-8,644	-0,151	0,287
CHR2	9516833	CHR2:9516833	SSF x Far_LoA	-8,334	-0,033	0,301
CHR2	9519335	CHR2:9519335	SSF x Far_LoA	-10,036	0,037	0,291
CHR2	9522511	CHR2:9522511	SSF x Far_LoA	-5,149	0,193	0,299
CHR2	9522512	CHR2:9522512	SSF x Far_LoA	-3,486	0,188	0,284
CHR2	9522590	CHR2:9522590	SSF x Far_LoA	-10,217	-0,078	0,295
CHR2	9529611	CHR2:9529611	SSF x Far_LoA	-10,266	-0,025	0,305
CHR2	9529882	CHR2:9529882	SSF x Far_LoA	-10,781	-0,078	0,297
CHR2	9534147	CHR2:9534147	SSF x Far_LoA	-9,790	0,179	0,286
CHR2	9534482	CHR2:9534482	SSF x Far_LoA	-10,237	0,062	0,287
CHR2	9540395	CHR2:9540395	SSF x Far_LoA	-11,292	0,072	0,285
CHR2	954623	CHR2:954623	SSF x Far_LoA	-8,701	0,016	0,304
CHR2	954795	CHR2:954795	SSF x Far_LoA	-9,219	-0,025	0,285
CHR2	955000	CHR2:955000	SSF x Far_LoA	-7,469	0,107	0,296
CHR2	955010	CHR2:955010	SSF x Far_LoA	-9,248	0,090	0,303
CHR2	9554265	CHR2:9554265	SSF x Far_LoA	-9,647	-0,009	0,297
CHR2	9554271	CHR2:9554271	SSF x Far_LoA	-6,819	0,056	0,293
CHR2	9554313	CHR2:9554313	SSF x Far_LoA	-9,826	0,074	0,299
CHR2	9554480	CHR2:9554480	SSF x Far_LoA	-10,515	-0,073	0,283
CHR2	9565004	CHR2:9565004	SSF x Far_LoA	-6,474	-0,100	0,278
CHR2	9565025	CHR2:9565025	SSF x Far_LoA	-10,488	-0,082	0,306
CHR2	9565169	CHR2:9565169	SSF x Far_LoA	-2,211	0,231	0,266
CHR2	9611215	CHR2:9611215	SSF x Far_LoA	-11,556	0,003	0,293
CHR2	9611292	CHR2:9611292	SSF x Far_LoA	-7,786	0,156	0,289

CHR2	9633204	CHR2:9633204	SSF x Far_LoA	-7,647	-0,049	0,284
CHR2	9643259	CHR2:9643259	SSF x Far_LoA	-8,555	0,172	0,283
CHR2	9648970	CHR2:9648970	SSF x Far_LoA	-8,440	0,080	0,301
CHR2	9649137	CHR2:9649137	SSF x Far_LoA	-7,362	-0,127	0,273
CHR2	9652054	CHR2:9652054	SSF x Far_LoA	-11,449	-0,031	0,279
CHR2	9652197	CHR2:9652197	SSF x Far_LoA	-9,659	-0,021	0,288
CHR2	9652202	CHR2:9652202	SSF x Far_LoA	-11,479	-0,019	0,293
CHR2	9652311	CHR2:9652311	SSF x Far_LoA	-7,838	-0,005	0,282
CHR2	969556	CHR2:969556	SSF x Far_LoA	-9,015	0,065	0,288
CHR2	992518	CHR2:992518	SSF x Far_LoA	12,014	0,129	0,292
CHR2	992559	CHR2:992559	SSF x Far_LoA	-8,991	-0,057	0,295
CHR2	992707	CHR2:992707	SSF x Far_LoA	-10,372	-0,131	0,289
CHR2	992721	CHR2:992721	SSF x Far_LoA	-8,326	-0,067	0,291
CHR2	992763	CHR2:992763	SSF x Far_LoA	-7,302	-0,163	0,282
CHR2	992785	CHR2:992785	SSF x Far_LoA	-5,500	-0,151	0,291
CHR2	992921	CHR2:992921	SSF x Far_LoA	-6,396	-0,145	0,291
CHR2	998553	CHR2:998553	SSF x Far_LoA	-9,418	0,058	0,297
CHR2	998631	CHR2:998631	SSF x Far_LoA	-8,836	-0,025	0,292
CHR3	1E+07	CHR3:10008084	SSF x Far_LoA	-10,441	0,087	0,288
CHR3	1E+07	CHR3:10008085	SSF x Far_LoA	-10,933	0,083	0,288
CHR3	1E+07	CHR3:10008202	SSF x Far_LoA	-8,942	-0,050	0,291
CHR3	1E+07	CHR3:10008210	SSF x Far_LoA	3,104	-0,133	0,281
CHR3	1E+07	CHR3:10008224	SSF x Far_LoA	-7,536	-0,162	0,280
CHR3	1E+07	CHR3:10008248	SSF x Far_LoA	-7,302	0,075	0,296
CHR3	1E+07	CHR3:10008349	SSF x Far_LoA	-9,820	0,055	0,282
CHR3	1E+07	CHR3:10012413	SSF x Far_LoA	-10,463	-0,056	0,288
CHR3	1E+07	CHR3:10026302	SSF x Far_LoA	-8,346	-0,051	0,289
CHR3	1E+07	CHR3:10026346	SSF x Far_LoA	-10,125	-0,107	0,272
CHR3	1E+07	CHR3:10026417	SSF x Far_LoA	-9,756	0,082	0,286
CHR3	1E+07	CHR3:10034012	SSF x Far_LoA	-9,408	0,104	0,304
CHR3	1E+07	CHR3:10034022	SSF x Far_LoA	-8,421	0,124	0,304
CHR3	1E+07	CHR3:10034041	SSF x Far_LoA	-9,653	0,090	0,280
CHR3	1E+07	CHR3:10034050	SSF x Far_LoA	-10,972	-0,066	0,290
CHR3	1E+07	CHR3:10034080	SSF x Far_LoA	-10,723	0,027	0,280
CHR3	1E+07	CHR3:10034182	SSF x Far_LoA	-5,920	0,081	0,274
CHR3	1E+07	CHR3:10034242	SSF x Far_LoA	-9,155	0,080	0,289
CHR3	1E+07	CHR3:10045865	SSF x Far_LoA	-11,835	0,046	0,301
CHR3	1E+07	CHR3:10045878	SSF x Far_LoA	-3,930	-0,213	0,292
CHR3	1E+07	CHR3:10059142	SSF x Far_LoA	-10,674	0,001	0,298
CHR3	1E+07	CHR3:10059222	SSF x Far_LoA	-11,679	0,009	0,289
CHR3	1E+07	CHR3:10061667	SSF x Far_LoA	-10,946	0,062	0,294
CHR3	1E+07	CHR3:10061679	SSF x Far_LoA	-9,568	0,098	0,290
CHR3	1E+07	CHR3:10061708	SSF x Far_LoA	-5,393	-0,087	0,309
CHR3	1E+07	CHR3:10061722	SSF x Far_LoA	-9,868	0,040	0,307
CHR3	1E+07	CHR3:10061726	SSF x Far_LoA	-7,683	0,126	0,299
CHR3	1006591	CHR3:1006591	SSF x Far_LoA	-10,654	0,004	0,294
CHR3	1006646	CHR3:1006646	SSF x Far_LoA	-6,616	-0,117	0,291
CHR3	1006725	CHR3:1006725	SSF x Far_LoA	-10,224	0,005	0,283
CHR3	1006839	CHR3:1006839	SSF x Far_LoA	-11,322	-0,035	0,287
CHR3	1006922	CHR3:1006922	SSF x Far_LoA	-10,121	0,100	0,286
CHR3	1E+07	CHR3:10074657	SSF x Far_LoA	-8,450	0,056	0,290
CHR3	1E+07	CHR3:10091406	SSF x Far_LoA	-10,135	-0,104	0,294
CHR3	1E+07	CHR3:10091468	SSF x Far_LoA	-8,596	0,033	0,303

CHR3	1E+07	CHR3:10093520	SSF x Far_LoA	-10,882	-0,015	0,290
CHR3	1E+07	CHR3:10093532	SSF x Far_LoA	-11,099	-0,044	0,293
CHR3	1E+07	CHR3:10093533	SSF x Far_LoA	-11,650	-0,052	0,303
CHR3	1E+07	CHR3:10093565	SSF x Far_LoA	-10,834	-0,072	0,277
CHR3	1E+07	CHR3:10094457	SSF x Far_LoA	-7,164	-0,104	0,303
CHR3	1E+07	CHR3:10094497	SSF x Far_LoA	-11,055	-0,033	0,291
CHR3	1E+07	CHR3:10094507	SSF x Far_LoA	-10,356	-0,068	0,288
CHR3	1E+07	CHR3:10094521	SSF x Far_LoA	-11,021	-0,043	0,287
CHR3	1E+07	CHR3:10094607	SSF x Far_LoA	-10,494	-0,041	0,291
CHR3	1010368	CHR3:1010368	SSF x Far_LoA	-6,031	0,040	0,302
CHR3	1010392	CHR3:1010392	SSF x Far_LoA	-10,548	-0,074	0,288
CHR3	1010393	CHR3:1010393	SSF x Far_LoA	-9,293	-0,134	0,295
CHR3	1010435	CHR3:1010435	SSF x Far_LoA	-6,930	0,063	0,299
CHR3	1E+07	CHR3:10110186	SSF x Far_LoA	-8,948	-0,081	0,284
CHR3	1E+07	CHR3:10123062	SSF x Far_LoA	-6,243	0,135	0,284
CHR3	1E+07	CHR3:10123081	SSF x Far_LoA	-11,456	0,105	0,277
CHR3	1E+07	CHR3:10123271	SSF x Far_LoA	-9,518	-0,014	0,286
CHR3	1E+07	CHR3:10135468	SSF x Far_LoA	-11,477	0,007	0,288
CHR3	1E+07	CHR3:10135645	SSF x Far_LoA	-10,108	0,045	0,285
CHR3	1E+07	CHR3:10135663	SSF x Far_LoA	-10,778	-0,096	0,289
CHR3	1E+07	CHR3:10135665	SSF x Far_LoA	-6,485	-0,170	0,291
CHR3	1E+07	CHR3:10137461	SSF x Far_LoA	-8,064	-0,015	0,304
CHR3	1E+07	CHR3:10144910	SSF x Far_LoA	-11,445	-0,016	0,291
CHR3	1E+07	CHR3:10153702	SSF x Far_LoA	-11,368	0,099	0,284
CHR3	1E+07	CHR3:10183248	SSF x Far_LoA	-8,319	0,219	0,264
CHR3	1E+07	CHR3:10183260	SSF x Far_LoA	-10,134	0,133	0,276
CHR3	1E+07	CHR3:10184176	SSF x Far_LoA	-7,917	0,081	0,301
CHR3	1E+07	CHR3:10184200	SSF x Far_LoA	-11,374	0,026	0,288
CHR3	1E+07	CHR3:10184211	SSF x Far_LoA	-8,512	0,065	0,281
CHR3	1020644	CHR3:1020644	SSF x Far_LoA	-8,429	-0,088	0,297
CHR3	1E+07	CHR3:10212631	SSF x Far_LoA	-9,680	0,006	0,310
CHR3	1E+07	CHR3:10212755	SSF x Far_LoA	-5,952	0,118	0,289
CHR3	1E+07	CHR3:10212863	SSF x Far_LoA	-9,349	-0,002	0,286
CHR3	1E+07	CHR3:10212872	SSF x Far_LoA	-10,736	-0,050	0,288
CHR3	1E+07	CHR3:10218361	SSF x Far_LoA	-6,831	0,141	0,279
CHR3	1E+07	CHR3:10220457	SSF x Far_LoA	-7,464	-0,029	0,289
CHR3	1E+07	CHR3:10220460	SSF x Far_LoA	-8,728	-0,034	0,287
CHR3	1E+07	CHR3:10220469	SSF x Far_LoA	-8,650	-0,004	0,283
CHR3	1E+07	CHR3:10220496	SSF x Far_LoA	-8,841	-0,031	0,297
CHR3	1E+07	CHR3:10220573	SSF x Far_LoA	-7,823	0,033	0,280
CHR3	1E+07	CHR3:10220607	SSF x Far_LoA	-11,005	0,006	0,289
CHR3	1E+07	CHR3:10220647	SSF x Far_LoA	-10,017	-0,053	0,294
CHR3	1E+07	CHR3:10220656	SSF x Far_LoA	-1,961	0,089	0,281
CHR3	1E+07	CHR3:10220676	SSF x Far_LoA	-10,929	0,030	0,286
CHR3	1E+07	CHR3:10220683	SSF x Far_LoA	-10,494	0,009	0,290
CHR3	1E+07	CHR3:10220736	SSF x Far_LoA	-9,279	-0,050	0,284
CHR3	1E+07	CHR3:10247625	SSF x Far_LoA	-10,729	0,005	0,289
CHR3	1E+07	CHR3:10247626	SSF x Far_LoA	-11,749	-0,075	0,297
CHR3	1E+07	CHR3:10247695	SSF x Far_LoA	-7,587	-0,092	0,302
CHR3	1E+07	CHR3:10247713	SSF x Far_LoA	-10,143	-0,032	0,302
CHR3	1E+07	CHR3:10247783	SSF x Far_LoA	-11,103	-0,029	0,291
CHR3	1E+07	CHR3:10247796	SSF x Far_LoA	-8,864	0,073	0,295
CHR3	1E+07	CHR3:10259873	SSF x Far_LoA	-10,717	0,003	0,297

CHR3	1E+07	CHR3:10259918	SSF x Far_LoA	-11,085	0,015	0,293
CHR3	1E+07	CHR3:10260334	SSF x Far_LoA	-9,859	0,007	0,286
CHR3	1E+07	CHR3:10260339	SSF x Far_LoA	-8,774	0,037	0,295
CHR3	1E+07	CHR3:10267582	SSF x Far_LoA	-11,069	-0,030	0,286
CHR3	1E+07	CHR3:10267655	SSF x Far_LoA	-7,943	-0,014	0,281
CHR3	1026804	CHR3:1026804	SSF x Far_LoA	-11,470	0,085	0,295
CHR3	1E+07	CHR3:10268968	SSF x Far_LoA	-10,101	-0,036	0,294
CHR3	1E+07	CHR3:10268988	SSF x Far_LoA	-7,689	-0,032	0,296
CHR3	1E+07	CHR3:10268995	SSF x Far_LoA	-10,522	-0,034	0,294
CHR3	1E+07	CHR3:10269007	SSF x Far_LoA	-7,913	0,038	0,306
CHR3	1E+07	CHR3:10269078	SSF x Far_LoA	-4,470	0,190	0,283
CHR3	1E+07	CHR3:10269102	SSF x Far_LoA	-11,740	0,017	0,283
CHR3	1E+07	CHR3:10269121	SSF x Far_LoA	-11,439	-0,011	0,291
CHR3	1E+07	CHR3:10269159	SSF x Far_LoA	-6,424	-0,043	0,308
CHR3	1E+07	CHR3:10269172	SSF x Far_LoA	-5,327	-0,116	0,292
CHR3	1E+07	CHR3:10272995	SSF x Far_LoA	-8,695	-0,057	0,287
CHR3	1E+07	CHR3:10273020	SSF x Far_LoA	-9,087	0,024	0,300
CHR3	1E+07	CHR3:10273035	SSF x Far_LoA	-5,193	-0,147	0,285
CHR3	1E+07	CHR3:10273036	SSF x Far_LoA	-6,810	0,073	0,286
CHR3	1E+07	CHR3:10293890	SSF x Far_LoA	-11,373	0,037	0,302
CHR3	1E+07	CHR3:10293905	SSF x Far_LoA	-8,550	0,114	0,282
CHR3	1E+07	CHR3:10293983	SSF x Far_LoA	-8,664	-0,100	0,299
CHR3	1031519	CHR3:1031519	SSF x Far_LoA	-9,257	-0,009	0,286
CHR3	1E+07	CHR3:10337705	SSF x Far_LoA	-6,894	-0,116	0,284
CHR3	1E+07	CHR3:10341563	SSF x Far_LoA	-7,026	-0,190	0,277
CHR3	1E+07	CHR3:10345379	SSF x Far_LoA	-10,681	-0,013	0,307
CHR3	1E+07	CHR3:10356458	SSF x Far_LoA	-5,082	-0,081	0,285
CHR3	1E+07	CHR3:10361695	SSF x Far_LoA	-9,857	0,011	0,274
CHR3	1E+07	CHR3:10361704	SSF x Far_LoA	-9,446	-0,022	0,301
CHR3	1E+07	CHR3:10361723	SSF x Far_LoA	-8,891	0,013	0,280
CHR3	1E+07	CHR3:10361791	SSF x Far_LoA	-8,967	-0,073	0,295
CHR3	1E+07	CHR3:10361821	SSF x Far_LoA	-5,986	0,144	0,280
CHR3	1E+07	CHR3:10361826	SSF x Far_LoA	-6,093	0,173	0,279
CHR3	1E+07	CHR3:10361871	SSF x Far_LoA	-7,840	-0,120	0,301
CHR3	1E+07	CHR3:10361875	SSF x Far_LoA	-9,415	-0,057	0,291
CHR3	1039660	CHR3:1039660	SSF x Far_LoA	-9,104	-0,049	0,293
CHR3	1E+07	CHR3:10406691	SSF x Far_LoA	-9,961	-0,003	0,310
CHR3	1E+07	CHR3:10406797	SSF x Far_LoA	-11,304	-0,019	0,298
CHR3	1E+07	CHR3:10406970	SSF x Far_LoA	-9,841	0,003	0,286
CHR3	1E+07	CHR3:10406995	SSF x Far_LoA	-8,306	0,087	0,290
CHR3	1E+07	CHR3:10407025	SSF x Far_LoA	-11,022	-0,037	0,289
CHR3	1E+07	CHR3:10407033	SSF x Far_LoA	-9,246	0,044	0,295
CHR3	1041925	CHR3:1041925	SSF x Far_LoA	-9,731	0,020	0,288
CHR3	1042039	CHR3:1042039	SSF x Far_LoA	-7,145	-0,017	0,290
CHR3	1E+07	CHR3:10432489	SSF x Far_LoA	-10,346	-0,103	0,279
CHR3	1E+07	CHR3:10432531	SSF x Far_LoA	-10,035	-0,090	0,281
CHR3	1E+07	CHR3:10432532	SSF x Far_LoA	-10,252	0,084	0,290
CHR3	1E+07	CHR3:10432546	SSF x Far_LoA	-11,545	-0,014	0,303
CHR3	1E+07	CHR3:10432566	SSF x Far_LoA	-8,381	-0,037	0,314
CHR3	1E+07	CHR3:10432567	SSF x Far_LoA	-8,253	-0,005	0,307
CHR3	1E+07	CHR3:10432636	SSF x Far_LoA	-10,022	0,006	0,286
CHR3	1E+07	CHR3:10432769	SSF x Far_LoA	-11,533	-0,008	0,277
CHR3	1E+07	CHR3:10435157	SSF x Far_LoA	-8,821	0,090	0,305

CHR3	1E+07	CHR3:10435176	SSF x Far_LoA	-8,264	0,082	0,294
CHR3	1E+07	CHR3:10435186	SSF x Far_LoA	-8,540	0,035	0,309
CHR3	1E+07	CHR3:10435208	SSF x Far_LoA	-7,047	0,056	0,298
CHR3	1E+07	CHR3:10444928	SSF x Far_LoA	-11,177	0,062	0,304
CHR3	1E+07	CHR3:10444944	SSF x Far_LoA	-9,974	0,061	0,310
CHR3	1E+07	CHR3:10464083	SSF x Far_LoA	-7,562	-0,062	0,295
CHR3	1E+07	CHR3:10464134	SSF x Far_LoA	-11,143	-0,087	0,290
CHR3	1E+07	CHR3:10464214	SSF x Far_LoA	-11,573	-0,014	0,288
CHR3	1E+07	CHR3:10464546	SSF x Far_LoA	-4,242	0,142	0,289
CHR3	1E+07	CHR3:10471779	SSF x Far_LoA	-9,055	0,007	0,267
CHR3	1E+07	CHR3:10471934	SSF x Far_LoA	-9,981	0,026	0,301
CHR3	1048550	CHR3:1048550	SSF x Far_LoA	-11,104	0,022	0,288
CHR3	1E+07	CHR3:10499801	SSF x Far_LoA	-9,585	-0,106	0,291
CHR3	10500124	CHR3:10500124	SSF x Far_LoA	-8,842	0,069	0,291
CHR3	10501510	CHR3:10501510	SSF x Far_LoA	-9,489	0,130	0,293
CHR3	10501601	CHR3:10501601	SSF x Far_LoA	-9,458	0,073	0,292
CHR3	10537797	CHR3:10537797	SSF x Far_LoA	-8,958	-0,004	0,307
CHR3	10537874	CHR3:10537874	SSF x Far_LoA	-8,763	0,032	0,299
CHR3	10537883	CHR3:10537883	SSF x Far_LoA	-10,615	-0,007	0,293
CHR3	10542334	CHR3:10542334	SSF x Far_LoA	-9,990	0,042	0,285
CHR3	10542360	CHR3:10542360	SSF x Far_LoA	-9,633	-0,127	0,291
CHR3	10542429	CHR3:10542429	SSF x Far_LoA	-7,977	-0,025	0,303
CHR3	10542441	CHR3:10542441	SSF x Far_LoA	-9,825	0,004	0,300
CHR3	10542470	CHR3:10542470	SSF x Far_LoA	-8,513	0,063	0,301
CHR3	10545647	CHR3:10545647	SSF x Far_LoA	-10,651	-0,012	0,288
CHR3	10545697	CHR3:10545697	SSF x Far_LoA	-11,302	0,051	0,291
CHR3	10551662	CHR3:10551662	SSF x Far_LoA	-4,735	0,091	0,294
CHR3	10551711	CHR3:10551711	SSF x Far_LoA	-11,587	-0,080	0,287
CHR3	10551751	CHR3:10551751	SSF x Far_LoA	-9,228	0,164	0,278
CHR3	10551768	CHR3:10551768	SSF x Far_LoA	-9,923	0,036	0,305
CHR3	10559155	CHR3:10559155	SSF x Far_LoA	-7,438	-0,089	0,283
CHR3	10569667	CHR3:10569667	SSF x Far_LoA	-10,667	0,017	0,293
CHR3	10569766	CHR3:10569766	SSF x Far_LoA	-8,447	-0,063	0,299
CHR3	10569804	CHR3:10569804	SSF x Far_LoA	-10,860	-0,014	0,290
CHR3	10569821	CHR3:10569821	SSF x Far_LoA	-9,813	-0,059	0,286
CHR3	10569833	CHR3:10569833	SSF x Far_LoA	-7,231	-0,067	0,292
CHR3	10569840	CHR3:10569840	SSF x Far_LoA	-9,145	-0,070	0,292
CHR3	10569842	CHR3:10569842	SSF x Far_LoA	-8,878	-0,074	0,297
CHR3	10569969	CHR3:10569969	SSF x Far_LoA	-10,039	0,054	0,292
CHR3	10569996	CHR3:10569996	SSF x Far_LoA	-10,630	0,027	0,291
CHR3	10598921	CHR3:10598921	SSF x Far_LoA	-5,890	0,120	0,291
CHR3	10598927	CHR3:10598927	SSF x Far_LoA	-9,732	-0,068	0,276
CHR3	10598976	CHR3:10598976	SSF x Far_LoA	-11,560	-0,071	0,285
CHR3	10598979	CHR3:10598979	SSF x Far_LoA	-9,192	-0,153	0,295
CHR3	10599015	CHR3:10599015	SSF x Far_LoA	-9,156	-0,108	0,294
CHR3	10599021	CHR3:10599021	SSF x Far_LoA	-9,355	-0,093	0,292
CHR3	10599037	CHR3:10599037	SSF x Far_LoA	-4,960	0,049	0,290
CHR3	10599163	CHR3:10599163	SSF x Far_LoA	-6,303	-0,023	0,284
CHR3	10608137	CHR3:10608137	SSF x Far_LoA	-10,289	0,056	0,279
CHR3	10608193	CHR3:10608193	SSF x Far_LoA	-6,684	0,098	0,280
CHR3	10608262	CHR3:10608262	SSF x Far_LoA	-10,117	-0,002	0,280
CHR3	10608375	CHR3:10608375	SSF x Far_LoA	-9,388	-0,052	0,290
CHR3	10612026	CHR3:10612026	SSF x Far_LoA	-7,216	-0,060	0,303

CHR3	10612077	CHR3:10612077	SSF x Far_LoA	-3,298	0,102	0,292
CHR3	10612097	CHR3:10612097	SSF x Far_LoA	-7,391	0,122	0,282
CHR3	10612141	CHR3:10612141	SSF x Far_LoA	-7,249	0,051	0,289
CHR3	10612196	CHR3:10612196	SSF x Far_LoA	-8,982	-0,092	0,287
CHR3	10613705	CHR3:10613705	SSF x Far_LoA	-9,708	-0,103	0,297
CHR3	10613732	CHR3:10613732	SSF x Far_LoA	-9,445	-0,035	0,288
CHR3	10613748	CHR3:10613748	SSF x Far_LoA	-10,440	0,075	0,287
CHR3	10613773	CHR3:10613773	SSF x Far_LoA	-6,298	-0,005	0,287
CHR3	10613888	CHR3:10613888	SSF x Far_LoA	-7,455	0,104	0,285
CHR3	10626843	CHR3:10626843	SSF x Far_LoA	-4,769	-0,064	0,284
CHR3	10628130	CHR3:10628130	SSF x Far_LoA	-7,672	0,003	0,293
CHR3	10648180	CHR3:10648180	SSF x Far_LoA	-8,755	0,103	0,296
CHR3	10648249	CHR3:10648249	SSF x Far_LoA	-9,506	0,000	0,288
CHR3	10648264	CHR3:10648264	SSF x Far_LoA	-9,970	-0,129	0,276
CHR3	10648326	CHR3:10648326	SSF x Far_LoA	-1,871	-0,101	0,271
CHR3	10648333	CHR3:10648333	SSF x Far_LoA	-7,981	0,133	0,274
CHR3	10648335	CHR3:10648335	SSF x Far_LoA	-7,639	-0,066	0,286
CHR3	10648342	CHR3:10648342	SSF x Far_LoA	-10,119	-0,031	0,295
CHR3	10648349	CHR3:10648349	SSF x Far_LoA	-8,468	-0,013	0,286
CHR3	10648373	CHR3:10648373	SSF x Far_LoA	-9,863	-0,015	0,289
CHR3	10675404	CHR3:10675404	SSF x Far_LoA	-6,826	0,001	0,298
CHR3	10723177	CHR3:10723177	SSF x Far_LoA	-6,221	0,154	0,273
CHR3	10723217	CHR3:10723217	SSF x Far_LoA	-9,502	0,164	0,278
CHR3	10723225	CHR3:10723225	SSF x Far_LoA	-9,194	0,091	0,284
CHR3	10723246	CHR3:10723246	SSF x Far_LoA	-9,571	0,060	0,281
CHR3	10723298	CHR3:10723298	SSF x Far_LoA	-6,647	0,257	0,267
CHR3	10723379	CHR3:10723379	SSF x Far_LoA	-9,278	0,019	0,297
CHR3	10742231	CHR3:10742231	SSF x Far_LoA	-7,833	-0,015	0,285
CHR3	10759598	CHR3:10759598	SSF x Far_LoA	-8,080	0,004	0,298
CHR3	10759631	CHR3:10759631	SSF x Far_LoA	-9,013	0,024	0,294
CHR3	10783989	CHR3:10783989	SSF x Far_LoA	-8,302	-0,004	0,300
CHR3	10784034	CHR3:10784034	SSF x Far_LoA	-9,479	-0,022	0,285
CHR3	10817693	CHR3:10817693	SSF x Far_LoA	-9,835	-0,032	0,302
CHR3	10817723	CHR3:10817723	SSF x Far_LoA	-7,693	0,090	0,301
CHR3	10817817	CHR3:10817817	SSF x Far_LoA	-7,722	-0,031	0,292
CHR3	10819305	CHR3:10819305	SSF x Far_LoA	-10,592	-0,038	0,295
CHR3	10828628	CHR3:10828628	SSF x Far_LoA	-8,696	-0,006	0,287
CHR3	10840428	CHR3:10840428	SSF x Far_LoA	-2,292	-0,013	0,306
CHR3	10840852	CHR3:10840852	SSF x Far_LoA	-9,295	0,067	0,289
CHR3	10840853	CHR3:10840853	SSF x Far_LoA	-7,865	0,031	0,298
CHR3	10861360	CHR3:10861360	SSF x Far_LoA	-12,060	-0,033	0,276
CHR3	10866421	CHR3:10866421	SSF x Far_LoA	-11,836	-0,041	0,298
CHR3	10873784	CHR3:10873784	SSF x Far_LoA	-7,399	0,150	0,285
CHR3	10873788	CHR3:10873788	SSF x Far_LoA	-5,676	0,084	0,296
CHR3	10873958	CHR3:10873958	SSF x Far_LoA	-9,110	0,068	0,292
CHR3	10886427	CHR3:10886427	SSF x Far_LoA	-10,854	0,067	0,287
CHR3	10886594	CHR3:10886594	SSF x Far_LoA	-9,151	0,053	0,293
CHR3	10886611	CHR3:10886611	SSF x Far_LoA	-7,384	0,091	0,273
CHR3	10886628	CHR3:10886628	SSF x Far_LoA	-9,611	0,054	0,286
CHR3	1090516	CHR3:1090516	SSF x Far_LoA	-9,620	-0,063	0,310
CHR3	1090523	CHR3:1090523	SSF x Far_LoA	-10,650	-0,068	0,288
CHR3	10905339	CHR3:10905339	SSF x Far_LoA	-8,765	0,014	0,282
CHR3	10905487	CHR3:10905487	SSF x Far_LoA	-10,274	-0,003	0,295

CHR3	1092538	CHR3:1092538	SSF x Far_LoA	-9,124	0,008	0,287
CHR3	1092655	CHR3:1092655	SSF x Far_LoA	-7,802	0,010	0,287
CHR3	10930599	CHR3:10930599	SSF x Far_LoA	-9,094	-0,017	0,293
CHR3	10930618	CHR3:10930618	SSF x Far_LoA	-9,869	0,011	0,274
CHR3	10930826	CHR3:10930826	SSF x Far_LoA	-8,980	-0,037	0,288
CHR3	10936293	CHR3:10936293	SSF x Far_LoA	-7,971	-0,020	0,277
CHR3	10936308	CHR3:10936308	SSF x Far_LoA	-9,369	-0,012	0,287
CHR3	10943438	CHR3:10943438	SSF x Far_LoA	-8,196	0,102	0,299
CHR3	10943459	CHR3:10943459	SSF x Far_LoA	-10,158	0,016	0,287
CHR3	10972211	CHR3:10972211	SSF x Far_LoA	-10,043	0,065	0,298
CHR3	10993330	CHR3:10993330	SSF x Far_LoA	-10,336	-0,025	0,283
CHR3	10993331	CHR3:10993331	SSF x Far_LoA	-7,341	0,004	0,300
CHR3	11008960	CHR3:11008960	SSF x Far_LoA	-5,274	0,138	0,283
CHR3	11008966	CHR3:11008966	SSF x Far_LoA	-6,760	0,151	0,286
CHR3	11010541	CHR3:11010541	SSF x Far_LoA	-10,190	-0,058	0,292
CHR3	11010696	CHR3:11010696	SSF x Far_LoA	-10,974	0,022	0,280
CHR3	11010716	CHR3:11010716	SSF x Far_LoA	-8,794	-0,009	0,298
CHR3	1101844	CHR3:1101844	SSF x Far_LoA	-6,745	0,016	0,306
CHR3	11025081	CHR3:11025081	SSF x Far_LoA	-9,154	-0,032	0,292
CHR3	11082426	CHR3:11082426	SSF x Far_LoA	-11,427	0,085	0,293
CHR3	11082491	CHR3:11082491	SSF x Far_LoA	-9,205	-0,056	0,298
CHR3	11130848	CHR3:11130848	SSF x Far_LoA	-9,680	0,082	0,291
CHR3	11130891	CHR3:11130891	SSF x Far_LoA	-8,952	0,022	0,289
CHR3	11130903	CHR3:11130903	SSF x Far_LoA	-8,948	0,016	0,283
CHR3	11141746	CHR3:11141746	SSF x Far_LoA	-11,556	0,049	0,281
CHR3	11141749	CHR3:11141749	SSF x Far_LoA	-10,333	0,044	0,285
CHR3	11141983	CHR3:11141983	SSF x Far_LoA	-11,787	0,013	0,291
CHR3	11162566	CHR3:11162566	SSF x Far_LoA	-4,819	-0,114	0,290
CHR3	11162860	CHR3:11162860	SSF x Far_LoA	-10,699	-0,132	0,297
CHR3	11166619	CHR3:11166619	SSF x Far_LoA	-7,913	-0,155	0,275
CHR3	1116773	CHR3:1116773	SSF x Far_LoA	-9,285	-0,074	0,292
CHR3	11168055	CHR3:11168055	SSF x Far_LoA	-8,281	-0,056	0,276
CHR3	11168060	CHR3:11168060	SSF x Far_LoA	-8,179	0,018	0,294
CHR3	11168069	CHR3:11168069	SSF x Far_LoA	-8,458	-0,100	0,277
CHR3	1116816	CHR3:1116816	SSF x Far_LoA	-10,145	-0,050	0,312
CHR3	11168210	CHR3:11168210	SSF x Far_LoA	-9,837	0,131	0,280
CHR3	1116824	CHR3:1116824	SSF x Far_LoA	-8,988	0,037	0,291
CHR3	11176882	CHR3:11176882	SSF x Far_LoA	-10,461	0,005	0,277
CHR3	11176899	CHR3:11176899	SSF x Far_LoA	-9,274	-0,046	0,279
CHR3	11176960	CHR3:11176960	SSF x Far_LoA	-7,978	0,174	0,286
CHR3	11176972	CHR3:11176972	SSF x Far_LoA	-8,023	0,150	0,295
CHR3	11176986	CHR3:11176986	SSF x Far_LoA	-7,263	0,152	0,291
CHR3	11176994	CHR3:11176994	SSF x Far_LoA	-7,674	-0,129	0,288
CHR3	11176996	CHR3:11176996	SSF x Far_LoA	-8,184	0,008	0,297
CHR3	11177014	CHR3:11177014	SSF x Far_LoA	-9,724	-0,062	0,286
CHR3	11177034	CHR3:11177034	SSF x Far_LoA	-10,102	-0,020	0,292
CHR3	11177073	CHR3:11177073	SSF x Far_LoA	-8,876	0,089	0,292
CHR3	11184313	CHR3:11184313	SSF x Far_LoA	-6,142	-0,001	0,288
CHR3	11184345	CHR3:11184345	SSF x Far_LoA	-6,960	-0,154	0,278
CHR3	11184349	CHR3:11184349	SSF x Far_LoA	-10,770	0,141	0,271
CHR3	11184470	CHR3:11184470	SSF x Far_LoA	-7,419	-0,056	0,313
CHR3	11184471	CHR3:11184471	SSF x Far_LoA	-7,276	0,126	0,278
CHR3	11184513	CHR3:11184513	SSF x Far_LoA	-9,423	-0,012	0,294

CHR3	11188152	CHR3:11188152	SSF x Far_LoA	-7,560	-0,141	0,295
CHR3	11188239	CHR3:11188239	SSF x Far_LoA	-12,067	-0,081	0,288
CHR3	11188254	CHR3:11188254	SSF x Far_LoA	-9,044	-0,046	0,287
CHR3	11200512	CHR3:11200512	SSF x Far_LoA	-8,966	-0,072	0,298
CHR3	11200748	CHR3:11200748	SSF x Far_LoA	-10,908	-0,018	0,295
CHR3	11208102	CHR3:11208102	SSF x Far_LoA	-7,756	0,178	0,284
CHR3	11208315	CHR3:11208315	SSF x Far_LoA	-9,163	-0,138	0,274
CHR3	11208322	CHR3:11208322	SSF x Far_LoA	-9,332	-0,060	0,304
CHR3	11213718	CHR3:11213718	SSF x Far_LoA	-11,708	0,101	0,279
CHR3	11213774	CHR3:11213774	SSF x Far_LoA	-5,202	-0,123	0,286
CHR3	11213775	CHR3:11213775	SSF x Far_LoA	-9,494	0,087	0,299
CHR3	11213785	CHR3:11213785	SSF x Far_LoA	-6,239	0,120	0,267
CHR3	11213826	CHR3:11213826	SSF x Far_LoA	-6,345	0,134	0,277
CHR3	11213827	CHR3:11213827	SSF x Far_LoA	-1,868	0,157	0,286
CHR3	11213839	CHR3:11213839	SSF x Far_LoA	-9,545	0,067	0,293
CHR3	11213852	CHR3:11213852	SSF x Far_LoA	-10,090	0,013	0,296
CHR3	11213856	CHR3:11213856	SSF x Far_LoA	-9,089	-0,024	0,284
CHR3	11213934	CHR3:11213934	SSF x Far_LoA	-10,743	-0,039	0,301
CHR3	11214012	CHR3:11214012	SSF x Far_LoA	-9,298	-0,076	0,284
CHR3	11234882	CHR3:11234882	SSF x Far_LoA	-9,559	0,119	0,287
CHR3	11234945	CHR3:11234945	SSF x Far_LoA	-10,719	-0,025	0,280
CHR3	11234953	CHR3:11234953	SSF x Far_LoA	-10,923	-0,048	0,299
CHR3	11234956	CHR3:11234956	SSF x Far_LoA	-9,534	-0,061	0,299
CHR3	11234972	CHR3:11234972	SSF x Far_LoA	-10,237	-0,047	0,301
CHR3	11234978	CHR3:11234978	SSF x Far_LoA	-9,665	-0,050	0,315
CHR3	11235016	CHR3:11235016	SSF x Far_LoA	-7,338	-0,082	0,291
CHR3	11235027	CHR3:11235027	SSF x Far_LoA	-10,437	0,022	0,289
CHR3	11235042	CHR3:11235042	SSF x Far_LoA	-8,815	-0,002	0,293
CHR3	11235049	CHR3:11235049	SSF x Far_LoA	-10,902	0,038	0,307
CHR3	11235065	CHR3:11235065	SSF x Far_LoA	-8,697	0,029	0,304
CHR3	11235092	CHR3:11235092	SSF x Far_LoA	-9,911	-0,013	0,305
CHR3	11235131	CHR3:11235131	SSF x Far_LoA	-11,872	0,007	0,286
CHR3	11235144	CHR3:11235144	SSF x Far_LoA	-10,403	-0,002	0,293
CHR3	11235172	CHR3:11235172	SSF x Far_LoA	-9,874	0,028	0,282
CHR3	11245225	CHR3:11245225	SSF x Far_LoA	-11,507	-0,021	0,286
CHR3	11245226	CHR3:11245226	SSF x Far_LoA	-8,914	-0,108	0,297
CHR3	11247275	CHR3:11247275	SSF x Far_LoA	-9,856	0,074	0,285
CHR3	11247315	CHR3:11247315	SSF x Far_LoA	-11,058	-0,095	0,292
CHR3	1125221	CHR3:1125221	SSF x Far_LoA	-9,981	-0,094	0,293
CHR3	1125375	CHR3:1125375	SSF x Far_LoA	-11,345	0,094	0,280
CHR3	1126410	CHR3:1126410	SSF x Far_LoA	-9,332	0,028	0,284
CHR3	11290348	CHR3:11290348	SSF x Far_LoA	-10,652	0,034	0,303
CHR3	11290363	CHR3:11290363	SSF x Far_LoA	-10,175	-0,024	0,284
CHR3	11290489	CHR3:11290489	SSF x Far_LoA	-11,344	-0,014	0,300
CHR3	11304708	CHR3:11304708	SSF x Far_LoA	-9,875	-0,144	0,289
CHR3	11304817	CHR3:11304817	SSF x Far_LoA	-10,800	-0,045	0,287
CHR3	11305665	CHR3:11305665	SSF x Far_LoA	-7,211	-0,143	0,292
CHR3	11305847	CHR3:11305847	SSF x Far_LoA	-11,427	-0,060	0,284
CHR3	11317836	CHR3:11317836	SSF x Far_LoA	-3,118	-0,012	0,289
CHR3	11317858	CHR3:11317858	SSF x Far_LoA	-9,499	-0,127	0,295
CHR3	11324412	CHR3:11324412	SSF x Far_LoA	-11,221	0,044	0,290
CHR3	11324732	CHR3:11324732	SSF x Far_LoA	-7,091	-0,091	0,292
CHR3	11334884	CHR3:11334884	SSF x Far_LoA	-9,458	-0,046	0,303

CHR3	11334891	CHR3:11334891	SSF x Far_LoA	-5,231	0,058	0,289
CHR3	11334909	CHR3:11334909	SSF x Far_LoA	-8,273	-0,088	0,296
CHR3	11334946	CHR3:11334946	SSF x Far_LoA	-8,258	-0,061	0,291
CHR3	11334978	CHR3:11334978	SSF x Far_LoA	-7,649	0,085	0,298
CHR3	11335015	CHR3:11335015	SSF x Far_LoA	0,273	0,097	0,294
CHR3	11335016	CHR3:11335016	SSF x Far_LoA	-0,638	0,066	0,297
CHR3	11335062	CHR3:11335062	SSF x Far_LoA	-8,666	0,020	0,293
CHR3	11369364	CHR3:11369364	SSF x Far_LoA	-11,022	-0,059	0,291
CHR3	11369379	CHR3:11369379	SSF x Far_LoA	-9,530	-0,062	0,280
CHR3	11369407	CHR3:11369407	SSF x Far_LoA	-8,478	0,095	0,299
CHR3	11369437	CHR3:11369437	SSF x Far_LoA	-7,261	0,084	0,278
CHR3	11369459	CHR3:11369459	SSF x Far_LoA	-7,454	-0,099	0,271
CHR3	1137677	CHR3:1137677	SSF x Far_LoA	-8,563	0,029	0,295
CHR3	1137761	CHR3:1137761	SSF x Far_LoA	-2,954	0,007	0,291
CHR3	1137791	CHR3:1137791	SSF x Far_LoA	-9,181	-0,003	0,301
CHR3	11378798	CHR3:11378798	SSF x Far_LoA	-10,164	-0,108	0,305
CHR3	11378877	CHR3:11378877	SSF x Far_LoA	-9,227	-0,064	0,303
CHR3	11378887	CHR3:11378887	SSF x Far_LoA	8,685	-0,067	0,280
CHR3	11378908	CHR3:11378908	SSF x Far_LoA	-6,531	-0,111	0,297
CHR3	11378910	CHR3:11378910	SSF x Far_LoA	-8,574	-0,113	0,280
CHR3	11389111	CHR3:11389111	SSF x Far_LoA	-6,897	0,102	0,301
CHR3	11412708	CHR3:11412708	SSF x Far_LoA	-9,013	0,033	0,282
CHR3	11412841	CHR3:11412841	SSF x Far_LoA	-9,566	0,079	0,289
CHR3	11412911	CHR3:11412911	SSF x Far_LoA	-6,552	-0,163	0,285
CHR3	11417672	CHR3:11417672	SSF x Far_LoA	-6,995	-0,158	0,293
CHR3	11417750	CHR3:11417750	SSF x Far_LoA	-7,057	0,070	0,286
CHR3	11417789	CHR3:11417789	SSF x Far_LoA	-8,615	-0,069	0,285
CHR3	11417902	CHR3:11417902	SSF x Far_LoA	-9,916	0,036	0,288
CHR3	11417912	CHR3:11417912	SSF x Far_LoA	-8,754	0,055	0,295
CHR3	11425237	CHR3:11425237	SSF x Far_LoA	-10,144	-0,028	0,296
CHR3	11428829	CHR3:11428829	SSF x Far_LoA	-7,933	0,113	0,293
CHR3	11429038	CHR3:11429038	SSF x Far_LoA	-11,307	-0,004	0,296
CHR3	11434786	CHR3:11434786	SSF x Far_LoA	-5,356	0,163	0,284
CHR3	11434795	CHR3:11434795	SSF x Far_LoA	-8,074	-0,015	0,303
CHR3	11434831	CHR3:11434831	SSF x Far_LoA	-6,408	-0,141	0,309
CHR3	11434834	CHR3:11434834	SSF x Far_LoA	4,210	0,173	0,298
CHR3	11435010	CHR3:11435010	SSF x Far_LoA	-10,115	-0,058	0,291
CHR3	11450075	CHR3:11450075	SSF x Far_LoA	-8,908	-0,064	0,287
CHR3	11502046	CHR3:11502046	SSF x Far_LoA	-8,979	-0,044	0,294
CHR3	11502059	CHR3:11502059	SSF x Far_LoA	-5,066	-0,129	0,291
CHR3	11502237	CHR3:11502237	SSF x Far_LoA	-11,015	-0,020	0,298
CHR3	11506393	CHR3:11506393	SSF x Far_LoA	-10,078	0,028	0,308
CHR3	11506528	CHR3:11506528	SSF x Far_LoA	-7,790	-0,045	0,283
CHR3	11510206	CHR3:11510206	SSF x Far_LoA	-11,393	0,065	0,284
CHR3	11510267	CHR3:11510267	SSF x Far_LoA	-10,807	-0,008	0,284
CHR3	11510312	CHR3:11510312	SSF x Far_LoA	-11,072	0,028	0,296
CHR3	11510337	CHR3:11510337	SSF x Far_LoA	-10,315	-0,022	0,304
CHR3	11510415	CHR3:11510415	SSF x Far_LoA	-8,949	-0,094	0,283
CHR3	11510451	CHR3:11510451	SSF x Far_LoA	-9,103	0,067	0,305
CHR3	11518328	CHR3:11518328	SSF x Far_LoA	-9,288	0,053	0,301
CHR3	11518514	CHR3:11518514	SSF x Far_LoA	-8,567	0,112	0,301
CHR3	11518538	CHR3:11518538	SSF x Far_LoA	-8,524	0,050	0,281
CHR3	11545663	CHR3:11545663	SSF x Far_LoA	-9,220	0,152	0,282

CHR3	11545892	CHR3:11545892	SSF x Far_LoA	-8,254	-0,172	0,266
CHR3	11552882	CHR3:11552882	SSF x Far_LoA	-8,116	0,045	0,309
CHR3	11552948	CHR3:11552948	SSF x Far_LoA	-10,640	0,072	0,282
CHR3	11552960	CHR3:11552960	SSF x Far_LoA	-8,585	0,112	0,289
CHR3	11553027	CHR3:11553027	SSF x Far_LoA	-4,149	-0,070	0,296
CHR3	11553044	CHR3:11553044	SSF x Far_LoA	-8,828	-0,084	0,286
CHR3	11553110	CHR3:11553110	SSF x Far_LoA	-7,881	0,165	0,280
CHR3	11560517	CHR3:11560517	SSF x Far_LoA	-8,098	0,147	0,286
CHR3	11560537	CHR3:11560537	SSF x Far_LoA	-9,106	0,029	0,278
CHR3	11560673	CHR3:11560673	SSF x Far_LoA	-5,738	0,201	0,286
CHR3	11560731	CHR3:11560731	SSF x Far_LoA	-9,766	-0,084	0,284
CHR3	11560749	CHR3:11560749	SSF x Far_LoA	-11,025	-0,046	0,290
CHR3	11560758	CHR3:11560758	SSF x Far_LoA	-5,287	-0,236	0,280
CHR3	11588158	CHR3:11588158	SSF x Far_LoA	-8,552	-0,052	0,296
CHR3	11588159	CHR3:11588159	SSF x Far_LoA	-8,685	-0,020	0,297
CHR3	11609563	CHR3:11609563	SSF x Far_LoA	-10,458	0,030	0,301
CHR3	11612441	CHR3:11612441	SSF x Far_LoA	-10,824	-0,032	0,294
CHR3	11620073	CHR3:11620073	SSF x Far_LoA	-10,514	0,113	0,292
CHR3	11621057	CHR3:11621057	SSF x Far_LoA	-9,323	0,021	0,301
CHR3	11621090	CHR3:11621090	SSF x Far_LoA	-9,077	-0,020	0,290
CHR3	11621161	CHR3:11621161	SSF x Far_LoA	-7,551	-0,108	0,292
CHR3	11621195	CHR3:11621195	SSF x Far_LoA	-9,028	0,043	0,281
CHR3	11625926	CHR3:11625926	SSF x Far_LoA	-7,164	-0,006	0,291
CHR3	11638905	CHR3:11638905	SSF x Far_LoA	-6,528	0,196	0,290
CHR3	11639266	CHR3:11639266	SSF x Far_LoA	-9,960	0,049	0,282
CHR3	11640996	CHR3:11640996	SSF x Far_LoA	-9,039	0,035	0,274
CHR3	11644955	CHR3:11644955	SSF x Far_LoA	-7,103	0,098	0,290
CHR3	11661237	CHR3:11661237	SSF x Far_LoA	-11,652	0,056	0,280
CHR3	11661296	CHR3:11661296	SSF x Far_LoA	-8,716	-0,075	0,277
CHR3	11661401	CHR3:11661401	SSF x Far_LoA	-9,845	-0,030	0,279
CHR3	11664087	CHR3:11664087	SSF x Far_LoA	-8,721	0,014	0,301
CHR3	11672005	CHR3:11672005	SSF x Far_LoA	-10,296	0,035	0,282
CHR3	11672012	CHR3:11672012	SSF x Far_LoA	-8,096	0,013	0,283
CHR3	11672116	CHR3:11672116	SSF x Far_LoA	-7,896	0,085	0,272
CHR3	11672126	CHR3:11672126	SSF x Far_LoA	-6,147	-0,139	0,263
CHR3	11672408	CHR3:11672408	SSF x Far_LoA	-10,390	-0,083	0,288
CHR3	11698700	CHR3:11698700	SSF x Far_LoA	-6,295	0,092	0,296
CHR3	11698929	CHR3:11698929	SSF x Far_LoA	-7,580	-0,075	0,296
CHR3	11698938	CHR3:11698938	SSF x Far_LoA	-9,425	0,145	0,278
CHR3	11698957	CHR3:11698957	SSF x Far_LoA	-7,607	-0,051	0,297
CHR3	11705042	CHR3:11705042	SSF x Far_LoA	-7,310	0,072	0,291
CHR3	11705083	CHR3:11705083	SSF x Far_LoA	-9,221	-0,007	0,293
CHR3	11732146	CHR3:11732146	SSF x Far_LoA	-9,434	0,081	0,303
CHR3	11732303	CHR3:11732303	SSF x Far_LoA	-9,598	0,128	0,279
CHR3	11732347	CHR3:11732347	SSF x Far_LoA	-10,519	-0,077	0,268
CHR3	11741677	CHR3:11741677	SSF x Far_LoA	-9,829	0,034	0,287
CHR3	11741689	CHR3:11741689	SSF x Far_LoA	-5,528	-0,090	0,278
CHR3	11741727	CHR3:11741727	SSF x Far_LoA	-9,645	-0,031	0,301
CHR3	11741829	CHR3:11741829	SSF x Far_LoA	-7,406	-0,122	0,272
CHR3	11741843	CHR3:11741843	SSF x Far_LoA	-7,296	0,121	0,293
CHR3	11741877	CHR3:11741877	SSF x Far_LoA	-9,328	0,103	0,293
CHR3	11744252	CHR3:11744252	SSF x Far_LoA	-5,660	0,097	0,287
CHR3	11744255	CHR3:11744255	SSF x Far_LoA	-7,279	0,139	0,280

CHR3	11744283	CHR3:11744283	SSF x Far_LoA	-9,832	-0,017	0,299
CHR3	11744376	CHR3:11744376	SSF x Far_LoA	-9,308	0,083	0,277
CHR3	11744535	CHR3:11744535	SSF x Far_LoA	-11,108	0,054	0,286
CHR3	11751639	CHR3:11751639	SSF x Far_LoA	-7,913	0,018	0,302
CHR3	11751692	CHR3:11751692	SSF x Far_LoA	-8,953	-0,055	0,296
CHR3	11770672	CHR3:11770672	SSF x Far_LoA	-6,482	0,069	0,293
CHR3	11770816	CHR3:11770816	SSF x Far_LoA	-6,552	0,094	0,297
CHR3	11770896	CHR3:11770896	SSF x Far_LoA	-8,936	0,020	0,307
CHR3	11770931	CHR3:11770931	SSF x Far_LoA	-11,582	-0,056	0,290
CHR3	11770964	CHR3:11770964	SSF x Far_LoA	-8,783	0,091	0,289
CHR3	11783281	CHR3:11783281	SSF x Far_LoA	-11,597	0,051	0,293
CHR3	11783416	CHR3:11783416	SSF x Far_LoA	-8,285	0,125	0,287
CHR3	11783610	CHR3:11783610	SSF x Far_LoA	-11,989	-0,018	0,285
CHR3	11798802	CHR3:11798802	SSF x Far_LoA	-10,135	-0,031	0,312
CHR3	11798818	CHR3:11798818	SSF x Far_LoA	-8,760	-0,047	0,298
CHR3	11798944	CHR3:11798944	SSF x Far_LoA	-9,337	-0,070	0,303
CHR3	11798965	CHR3:11798965	SSF x Far_LoA	-9,716	0,047	0,293
CHR3	11798970	CHR3:11798970	SSF x Far_LoA	-11,343	0,047	0,286
CHR3	11799084	CHR3:11799084	SSF x Far_LoA	-9,156	0,023	0,297
CHR3	11799094	CHR3:11799094	SSF x Far_LoA	-7,370	-0,006	0,313
CHR3	11799144	CHR3:11799144	SSF x Far_LoA	-11,074	0,011	0,295
CHR3	11802169	CHR3:11802169	SSF x Far_LoA	-8,471	-0,021	0,287
CHR3	11802183	CHR3:11802183	SSF x Far_LoA	-9,140	-0,131	0,275
CHR3	11802194	CHR3:11802194	SSF x Far_LoA	-12,054	-0,072	0,275
CHR3	11802218	CHR3:11802218	SSF x Far_LoA	-11,147	-0,074	0,283
CHR3	11802286	CHR3:11802286	SSF x Far_LoA	-7,334	-0,104	0,299
CHR3	11802386	CHR3:11802386	SSF x Far_LoA	-10,634	-0,035	0,298
CHR3	11809746	CHR3:11809746	SSF x Far_LoA	-9,811	0,006	0,284
CHR3	11809757	CHR3:11809757	SSF x Far_LoA	-8,599	0,071	0,298
CHR3	11809880	CHR3:11809880	SSF x Far_LoA	-8,559	0,054	0,285
CHR3	11811410	CHR3:11811410	SSF x Far_LoA	-11,056	-0,015	0,283
CHR3	11822647	CHR3:11822647	SSF x Far_LoA	-8,932	-0,036	0,287
CHR3	11822673	CHR3:11822673	SSF x Far_LoA	-9,356	0,009	0,308
CHR3	11835602	CHR3:11835602	SSF x Far_LoA	-5,517	0,011	0,282
CHR3	11835878	CHR3:11835878	SSF x Far_LoA	-9,401	-0,037	0,296
CHR3	11835885	CHR3:11835885	SSF x Far_LoA	-8,868	-0,017	0,287
CHR3	11835907	CHR3:11835907	SSF x Far_LoA	-8,950	0,020	0,287
CHR3	11835943	CHR3:11835943	SSF x Far_LoA	-8,286	0,084	0,294
CHR3	11854856	CHR3:11854856	SSF x Far_LoA	-7,532	-0,022	0,284
CHR3	11872226	CHR3:11872226	SSF x Far_LoA	-7,968	-0,136	0,288
CHR3	11872251	CHR3:11872251	SSF x Far_LoA	-7,428	-0,100	0,284
CHR3	11872311	CHR3:11872311	SSF x Far_LoA	-7,806	0,146	0,301
CHR3	11872345	CHR3:11872345	SSF x Far_LoA	-7,649	-0,069	0,302
CHR3	11881562	CHR3:11881562	SSF x Far_LoA	-7,583	0,068	0,280
CHR3	11881593	CHR3:11881593	SSF x Far_LoA	-6,710	-0,036	0,300
CHR3	11881715	CHR3:11881715	SSF x Far_LoA	-8,368	-0,124	0,287
CHR3	1188447	CHR3:1188447	SSF x Far_LoA	-8,445	-0,161	0,307
CHR3	11889582	CHR3:11889582	SSF x Far_LoA	-8,570	0,001	0,296
CHR3	11889593	CHR3:11889593	SSF x Far_LoA	-9,312	0,015	0,305
CHR3	11889723	CHR3:11889723	SSF x Far_LoA	-10,061	-0,037	0,294
CHR3	11905890	CHR3:11905890	SSF x Far_LoA	-1,409	0,225	0,288
CHR3	11905966	CHR3:11905966	SSF x Far_LoA	-8,694	-0,022	0,295
CHR3	11906009	CHR3:11906009	SSF x Far_LoA	-8,588	0,008	0,293

CHR3	11906018	CHR3:11906018	SSF x Far_LoA	-9,075	0,020	0,286
CHR3	11923605	CHR3:11923605	SSF x Far_LoA	-11,509	-0,060	0,293
CHR3	11923733	CHR3:11923733	SSF x Far_LoA	-5,582	-0,133	0,280
CHR3	11923774	CHR3:11923774	SSF x Far_LoA	-9,891	0,102	0,282
CHR3	11923783	CHR3:11923783	SSF x Far_LoA	-3,400	-0,173	0,279
CHR3	11923814	CHR3:11923814	SSF x Far_LoA	-7,416	-0,101	0,292
CHR3	11927870	CHR3:11927870	SSF x Far_LoA	-8,996	-0,100	0,289
CHR3	11928340	CHR3:11928340	SSF x Far_LoA	-10,659	0,009	0,289
CHR3	11928389	CHR3:11928389	SSF x Far_LoA	-9,611	0,058	0,284
CHR3	1195618	CHR3:1195618	SSF x Far_LoA	-11,596	0,071	0,291
CHR3	1195621	CHR3:1195621	SSF x Far_LoA	-11,591	0,040	0,301
CHR3	1195622	CHR3:1195622	SSF x Far_LoA	-11,115	0,064	0,288
CHR3	11966755	CHR3:11966755	SSF x Far_LoA	-9,477	0,098	0,285
CHR3	11966763	CHR3:11966763	SSF x Far_LoA	-9,857	0,057	0,290
CHR3	11966884	CHR3:11966884	SSF x Far_LoA	-8,928	0,011	0,292
CHR3	11971241	CHR3:11971241	SSF x Far_LoA	-9,003	-0,043	0,283
CHR3	11971262	CHR3:11971262	SSF x Far_LoA	-12,087	0,013	0,278
CHR3	11973470	CHR3:11973470	SSF x Far_LoA	-4,031	-0,133	0,301
CHR3	11980248	CHR3:11980248	SSF x Far_LoA	-8,748	0,045	0,290
CHR3	11980294	CHR3:11980294	SSF x Far_LoA	-9,725	-0,152	0,295
CHR3	11984216	CHR3:11984216	SSF x Far_LoA	-10,026	-0,075	0,286
CHR3	11984361	CHR3:11984361	SSF x Far_LoA	-9,377	-0,059	0,292
CHR3	11985722	CHR3:11985722	SSF x Far_LoA	-12,035	-0,073	0,287
CHR3	11985749	CHR3:11985749	SSF x Far_LoA	-8,052	0,169	0,274
CHR3	11985903	CHR3:11985903	SSF x Far_LoA	-8,787	0,023	0,279
CHR3	11988182	CHR3:11988182	SSF x Far_LoA	-8,141	0,046	0,278
CHR3	11988223	CHR3:11988223	SSF x Far_LoA	-7,915	0,047	0,310
CHR3	11999322	CHR3:11999322	SSF x Far_LoA	-8,005	0,073	0,291
CHR3	11999357	CHR3:11999357	SSF x Far_LoA	-8,638	0,059	0,307
CHR3	11999471	CHR3:11999471	SSF x Far_LoA	-11,250	-0,060	0,288
CHR3	11999496	CHR3:11999496	SSF x Far_LoA	-11,125	0,069	0,288
CHR3	11999525	CHR3:11999525	SSF x Far_LoA	-9,426	-0,058	0,287
CHR3	11999550	CHR3:11999550	SSF x Far_LoA	-11,380	-0,059	0,287
CHR3	12001997	CHR3:12001997	SSF x Far_LoA	-9,580	-0,038	0,294
CHR3	12002126	CHR3:12002126	SSF x Far_LoA	-11,311	0,028	0,275
CHR3	12011211	CHR3:12011211	SSF x Far_LoA	-6,573	-0,015	0,298
CHR3	12011216	CHR3:12011216	SSF x Far_LoA	-9,163	0,077	0,299
CHR3	12011299	CHR3:12011299	SSF x Far_LoA	-9,998	0,040	0,291
CHR3	12011438	CHR3:12011438	SSF x Far_LoA	-9,467	0,047	0,275
CHR3	12011439	CHR3:12011439	SSF x Far_LoA	-9,282	-0,067	0,283
CHR3	12011550	CHR3:12011550	SSF x Far_LoA	-11,327	0,029	0,295
CHR3	12019233	CHR3:12019233	SSF x Far_LoA	-10,050	-0,070	0,283
CHR3	12026548	CHR3:12026548	SSF x Far_LoA	-7,160	0,252	0,280
CHR3	12030398	CHR3:12030398	SSF x Far_LoA	-9,688	0,046	0,302
CHR3	12033935	CHR3:12033935	SSF x Far_LoA	-10,100	0,053	0,294
CHR3	12033993	CHR3:12033993	SSF x Far_LoA	-8,049	0,026	0,278
CHR3	12034002	CHR3:12034002	SSF x Far_LoA	-9,509	-0,065	0,290
CHR3	12034013	CHR3:12034013	SSF x Far_LoA	-6,870	-0,121	0,299
CHR3	12034038	CHR3:12034038	SSF x Far_LoA	-10,622	-0,020	0,291
CHR3	12034073	CHR3:12034073	SSF x Far_LoA	-7,478	0,083	0,310
CHR3	12034145	CHR3:12034145	SSF x Far_LoA	-11,158	-0,102	0,286
CHR3	12049298	CHR3:12049298	SSF x Far_LoA	-9,458	-0,061	0,267
CHR3	12049618	CHR3:12049618	SSF x Far_LoA	-4,466	0,203	0,271

CHR3	12065416	CHR3:12065416	SSF x Far_LoA	-11,404	0,023	0,277
CHR3	12065480	CHR3:12065480	SSF x Far_LoA	-11,963	0,008	0,282
CHR3	12065602	CHR3:12065602	SSF x Far_LoA	-4,487	-0,269	0,264
CHR3	12065612	CHR3:12065612	SSF x Far_LoA	-10,331	0,056	0,301
CHR3	12065626	CHR3:12065626	SSF x Far_LoA	-12,062	0,047	0,278
CHR3	12065757	CHR3:12065757	SSF x Far_LoA	-9,832	0,016	0,288
CHR3	12087019	CHR3:12087019	SSF x Far_LoA	-6,443	0,122	0,287
CHR3	12087135	CHR3:12087135	SSF x Far_LoA	-9,308	0,008	0,304
CHR3	12097647	CHR3:12097647	SSF x Far_LoA	-8,741	-0,020	0,294
CHR3	12100527	CHR3:12100527	SSF x Far_LoA	-11,352	-0,012	0,308
CHR3	12100536	CHR3:12100536	SSF x Far_LoA	-10,106	-0,004	0,301
CHR3	12109110	CHR3:12109110	SSF x Far_LoA	-9,303	-0,092	0,283
CHR3	12109153	CHR3:12109153	SSF x Far_LoA	-9,354	-0,080	0,274
CHR3	12109171	CHR3:12109171	SSF x Far_LoA	-8,181	-0,068	0,297
CHR3	12109294	CHR3:12109294	SSF x Far_LoA	-10,978	-0,018	0,299
CHR3	12109315	CHR3:12109315	SSF x Far_LoA	-7,637	0,120	0,288
CHR3	12109333	CHR3:12109333	SSF x Far_LoA	-8,809	-0,056	0,288
CHR3	12125354	CHR3:12125354	SSF x Far_LoA	-12,091	-0,030	0,298
CHR3	12136854	CHR3:12136854	SSF x Far_LoA	-10,254	0,014	0,280
CHR3	12136884	CHR3:12136884	SSF x Far_LoA	-10,256	-0,007	0,283
CHR3	12138670	CHR3:12138670	SSF x Far_LoA	-9,536	-0,032	0,282
CHR3	12138740	CHR3:12138740	SSF x Far_LoA	-9,197	0,048	0,291
CHR3	12138749	CHR3:12138749	SSF x Far_LoA	-8,015	0,002	0,283
CHR3	12138805	CHR3:12138805	SSF x Far_LoA	-7,672	-0,016	0,290
CHR3	12147958	CHR3:12147958	SSF x Far_LoA	-8,492	0,049	0,286
CHR3	12147979	CHR3:12147979	SSF x Far_LoA	-10,124	-0,041	0,291
CHR3	12147998	CHR3:12147998	SSF x Far_LoA	-11,067	-0,018	0,295
CHR3	12148081	CHR3:12148081	SSF x Far_LoA	-9,463	0,083	0,296
CHR3	12148100	CHR3:12148100	SSF x Far_LoA	-8,587	-0,038	0,304
CHR3	12148106	CHR3:12148106	SSF x Far_LoA	-8,211	-0,090	0,293
CHR3	12172106	CHR3:12172106	SSF x Far_LoA	-9,223	0,042	0,299
CHR3	12172271	CHR3:12172271	SSF x Far_LoA	-8,803	0,025	0,303
CHR3	12172342	CHR3:12172342	SSF x Far_LoA	-11,850	-0,011	0,297
CHR3	12194142	CHR3:12194142	SSF x Far_LoA	-10,676	0,013	0,299
CHR3	12194157	CHR3:12194157	SSF x Far_LoA	-8,665	0,014	0,300
CHR3	12194280	CHR3:12194280	SSF x Far_LoA	-8,990	0,044	0,305
CHR3	12194297	CHR3:12194297	SSF x Far_LoA	-9,469	0,078	0,308
CHR3	12197650	CHR3:12197650	SSF x Far_LoA	-5,180	0,150	0,300
CHR3	12197695	CHR3:12197695	SSF x Far_LoA	-11,716	-0,061	0,280
CHR3	12197978	CHR3:12197978	SSF x Far_LoA	-8,318	0,067	0,290
CHR3	12214641	CHR3:12214641	SSF x Far_LoA	-8,077	0,017	0,305
CHR3	12220930	CHR3:12220930	SSF x Far_LoA	-8,379	0,079	0,297
CHR3	12221049	CHR3:12221049	SSF x Far_LoA	-8,266	0,063	0,295
CHR3	12221109	CHR3:12221109	SSF x Far_LoA	-8,474	0,039	0,289
CHR3	12221121	CHR3:12221121	SSF x Far_LoA	-7,912	-0,006	0,278
CHR3	12232655	CHR3:12232655	SSF x Far_LoA	-7,315	-0,003	0,300
CHR3	12232669	CHR3:12232669	SSF x Far_LoA	-8,464	0,124	0,273
CHR3	12232731	CHR3:12232731	SSF x Far_LoA	-7,668	0,018	0,293
CHR3	12232760	CHR3:12232760	SSF x Far_LoA	-11,241	0,002	0,304
CHR3	12232802	CHR3:12232802	SSF x Far_LoA	-6,696	0,029	0,304
CHR3	12232885	CHR3:12232885	SSF x Far_LoA	-8,732	-0,026	0,298
CHR3	12257775	CHR3:12257775	SSF x Far_LoA	-5,755	0,211	0,273
CHR3	12257817	CHR3:12257817	SSF x Far_LoA	-10,434	-0,055	0,285

CHR3	12265896	CHR3:12265896	SSF x Far_LoA	-9,920	0,116	0,288
CHR3	1227829	CHR3:1227829	SSF x Far_LoA	-9,555	-0,022	0,291
CHR3	1227856	CHR3:1227856	SSF x Far_LoA	-8,727	-0,072	0,283
CHR3	1227884	CHR3:1227884	SSF x Far_LoA	-7,208	0,064	0,284
CHR3	1228024	CHR3:1228024	SSF x Far_LoA	-9,022	0,086	0,272
CHR3	1228025	CHR3:1228025	SSF x Far_LoA	-6,902	0,045	0,297
CHR3	1228028	CHR3:1228028	SSF x Far_LoA	-9,065	-0,012	0,299
CHR3	1228106	CHR3:1228106	SSF x Far_LoA	-9,344	0,024	0,302
CHR3	1228198	CHR3:1228198	SSF x Far_LoA	-9,867	0,025	0,277
CHR3	1229046	CHR3:1229046	SSF x Far_LoA	-4,728	0,085	0,289
CHR3	1229067	CHR3:1229067	SSF x Far_LoA	-9,083	0,007	0,282
CHR3	1229174	CHR3:1229174	SSF x Far_LoA	-7,059	-0,119	0,276
CHR3	1229548	CHR3:1229548	SSF x Far_LoA	-8,598	0,011	0,287
CHR3	12296557	CHR3:12296557	SSF x Far_LoA	-11,538	-0,033	0,295
CHR3	12296585	CHR3:12296585	SSF x Far_LoA	-9,787	-0,057	0,289
CHR3	12316732	CHR3:12316732	SSF x Far_LoA	-9,833	0,017	0,282
CHR3	12316927	CHR3:12316927	SSF x Far_LoA	-7,385	0,161	0,287
CHR3	12317026	CHR3:12317026	SSF x Far_LoA	-7,763	-0,014	0,290
CHR3	12317089	CHR3:12317089	SSF x Far_LoA	-9,289	-0,055	0,294
CHR3	12320235	CHR3:12320235	SSF x Far_LoA	-8,838	-0,072	0,306
CHR3	12320265	CHR3:12320265	SSF x Far_LoA	-9,733	0,003	0,291
CHR3	12326108	CHR3:12326108	SSF x Far_LoA	-9,762	0,008	0,305
CHR3	12326112	CHR3:12326112	SSF x Far_LoA	-10,609	0,019	0,295
CHR3	12326216	CHR3:12326216	SSF x Far_LoA	-9,589	0,156	0,295
CHR3	12336937	CHR3:12336937	SSF x Far_LoA	-11,039	0,011	0,289
CHR3	12360579	CHR3:12360579	SSF x Far_LoA	-6,559	0,125	0,286
CHR3	12360580	CHR3:12360580	SSF x Far_LoA	-2,175	-0,126	0,303
CHR3	12360636	CHR3:12360636	SSF x Far_LoA	-8,607	-0,024	0,306
CHR3	12360654	CHR3:12360654	SSF x Far_LoA	-7,649	0,070	0,286
CHR3	12360766	CHR3:12360766	SSF x Far_LoA	-10,278	0,038	0,313
CHR3	12360773	CHR3:12360773	SSF x Far_LoA	-10,564	-0,074	0,293
CHR3	12401202	CHR3:12401202	SSF x Far_LoA	-10,378	0,009	0,282
CHR3	12401273	CHR3:12401273	SSF x Far_LoA	-6,685	-0,050	0,292
CHR3	12401383	CHR3:12401383	SSF x Far_LoA	-8,635	0,122	0,283
CHR3	12401385	CHR3:12401385	SSF x Far_LoA	-8,837	0,125	0,290
CHR3	12403958	CHR3:12403958	SSF x Far_LoA	-10,174	0,077	0,294
CHR3	12405007	CHR3:12405007	SSF x Far_LoA	-11,421	0,019	0,295
CHR3	12410935	CHR3:12410935	SSF x Far_LoA	-8,816	0,073	0,290
CHR3	12410993	CHR3:12410993	SSF x Far_LoA	-9,340	-0,091	0,289
CHR3	12410999	CHR3:12410999	SSF x Far_LoA	-9,610	-0,117	0,281
CHR3	12411059	CHR3:12411059	SSF x Far_LoA	-8,575	0,009	0,288
CHR3	12411060	CHR3:12411060	SSF x Far_LoA	-8,369	0,052	0,307
CHR3	12411065	CHR3:12411065	SSF x Far_LoA	-8,091	0,159	0,317
CHR3	12411099	CHR3:12411099	SSF x Far_LoA	-6,977	0,135	0,290
CHR3	12411172	CHR3:12411172	SSF x Far_LoA	-10,310	-0,052	0,289
CHR3	12420832	CHR3:12420832	SSF x Far_LoA	-11,041	-0,068	0,290
CHR3	12423528	CHR3:12423528	SSF x Far_LoA	-10,146	-0,133	0,285
CHR3	12423588	CHR3:12423588	SSF x Far_LoA	-8,663	0,082	0,293
CHR3	12423605	CHR3:12423605	SSF x Far_LoA	-9,228	0,002	0,312
CHR3	12423651	CHR3:12423651	SSF x Far_LoA	-10,512	0,011	0,298
CHR3	12423656	CHR3:12423656	SSF x Far_LoA	-12,028	0,013	0,292
CHR3	12423728	CHR3:12423728	SSF x Far_LoA	-8,384	0,055	0,285
CHR3	12423776	CHR3:12423776	SSF x Far_LoA	-8,748	-0,013	0,311

CHR3	12465875	CHR3:12465875	SSF x Far_LoA	-7,108	0,017	0,306
CHR3	12465967	CHR3:12465967	SSF x Far_LoA	-7,948	0,013	0,284
CHR3	12482762	CHR3:12482762	SSF x Far_LoA	-10,342	-0,037	0,299
CHR3	12482782	CHR3:12482782	SSF x Far_LoA	-10,243	0,068	0,284
CHR3	12482794	CHR3:12482794	SSF x Far_LoA	-9,377	-0,050	0,282
CHR3	12482831	CHR3:12482831	SSF x Far_LoA	-8,765	-0,056	0,296
CHR3	12487731	CHR3:12487731	SSF x Far_LoA	-1,734	0,185	0,284
CHR3	12487836	CHR3:12487836	SSF x Far_LoA	-10,490	-0,097	0,283
CHR3	12487871	CHR3:12487871	SSF x Far_LoA	-1,728	-0,190	0,287
CHR3	12487877	CHR3:12487877	SSF x Far_LoA	-8,128	0,043	0,305
CHR3	12487917	CHR3:12487917	SSF x Far_LoA	-7,383	-0,204	0,291
CHR3	12487954	CHR3:12487954	SSF x Far_LoA	-7,774	-0,085	0,289
CHR3	12487990	CHR3:12487990	SSF x Far_LoA	-7,604	-0,168	0,281
CHR3	12496023	CHR3:12496023	SSF x Far_LoA	-11,437	-0,021	0,273
CHR3	12496211	CHR3:12496211	SSF x Far_LoA	-11,574	-0,042	0,296
CHR3	12498045	CHR3:12498045	SSF x Far_LoA	-9,670	-0,046	0,290
CHR3	12501175	CHR3:12501175	SSF x Far_LoA	-10,894	0,011	0,290
CHR3	12502320	CHR3:12502320	SSF x Far_LoA	-8,680	0,004	0,308
CHR3	12502339	CHR3:12502339	SSF x Far_LoA	-10,751	-0,044	0,288
CHR3	12502363	CHR3:12502363	SSF x Far_LoA	-10,409	-0,020	0,307
CHR3	12502509	CHR3:12502509	SSF x Far_LoA	-8,986	0,031	0,298
CHR3	12504275	CHR3:12504275	SSF x Far_LoA	-9,694	0,116	0,275
CHR3	12504418	CHR3:12504418	SSF x Far_LoA	-9,360	0,046	0,307
CHR3	12504489	CHR3:12504489	SSF x Far_LoA	-8,027	0,054	0,306
CHR3	12505276	CHR3:12505276	SSF x Far_LoA	-10,885	-0,082	0,293
CHR3	12505337	CHR3:12505337	SSF x Far_LoA	-8,799	0,077	0,293
CHR3	12505386	CHR3:12505386	SSF x Far_LoA	-9,734	-0,071	0,294
CHR3	12537013	CHR3:12537013	SSF x Far_LoA	7,052	-0,155	0,291
CHR3	12548038	CHR3:12548038	SSF x Far_LoA	-10,446	-0,092	0,280
CHR3	12548146	CHR3:12548146	SSF x Far_LoA	-11,171	0,042	0,295
CHR3	12548189	CHR3:12548189	SSF x Far_LoA	-9,159	-0,059	0,296
CHR3	12548221	CHR3:12548221	SSF x Far_LoA	-10,660	0,043	0,281
CHR3	12548339	CHR3:12548339	SSF x Far_LoA	-11,054	0,035	0,287
CHR3	1255594	CHR3:1255594	SSF x Far_LoA	-11,447	-0,043	0,300
CHR3	1255675	CHR3:1255675	SSF x Far_LoA	-10,705	-0,064	0,282
CHR3	1258466	CHR3:1258466	SSF x Far_LoA	-7,543	-0,041	0,281
CHR3	12595284	CHR3:12595284	SSF x Far_LoA	-10,366	-0,076	0,290
CHR3	12595320	CHR3:12595320	SSF x Far_LoA	-9,988	-0,010	0,294
CHR3	12595340	CHR3:12595340	SSF x Far_LoA	-10,815	-0,052	0,291
CHR3	12595892	CHR3:12595892	SSF x Far_LoA	-9,248	0,074	0,291
CHR3	12595958	CHR3:12595958	SSF x Far_LoA	-5,249	0,112	0,278
CHR3	12604891	CHR3:12604891	SSF x Far_LoA	-8,506	-0,001	0,285
CHR3	12604905	CHR3:12604905	SSF x Far_LoA	-9,833	0,049	0,305
CHR3	12604940	CHR3:12604940	SSF x Far_LoA	-7,597	0,055	0,290
CHR3	12604976	CHR3:12604976	SSF x Far_LoA	-8,909	0,052	0,297
CHR3	12604995	CHR3:12604995	SSF x Far_LoA	-8,107	0,015	0,294
CHR3	12605011	CHR3:12605011	SSF x Far_LoA	-7,040	0,003	0,293
CHR3	12605105	CHR3:12605105	SSF x Far_LoA	-7,617	-0,157	0,282
CHR3	12631028	CHR3:12631028	SSF x Far_LoA	-4,893	0,084	0,279
CHR3	12633682	CHR3:12633682	SSF x Far_LoA	-9,056	-0,073	0,282
CHR3	12633685	CHR3:12633685	SSF x Far_LoA	-6,654	-0,093	0,268
CHR3	12633693	CHR3:12633693	SSF x Far_LoA	-3,797	-0,098	0,275
CHR3	12633719	CHR3:12633719	SSF x Far_LoA	-9,780	-0,092	0,281

CHR3	12634961	CHR3:12634961	SSF x Far_LoA	1,660	0,099	0,295
CHR3	12635027	CHR3:12635027	SSF x Far_LoA	-9,539	-0,126	0,282
CHR3	1266603	CHR3:1266603	SSF x Far_LoA	-9,308	-0,062	0,279
CHR3	1266850	CHR3:1266850	SSF x Far_LoA	-8,409	-0,082	0,284
CHR3	1266897	CHR3:1266897	SSF x Far_LoA	-8,590	-0,100	0,291
CHR3	12669163	CHR3:12669163	SSF x Far_LoA	-10,495	-0,034	0,293
CHR3	12669172	CHR3:12669172	SSF x Far_LoA	-5,500	-0,107	0,291
CHR3	12673889	CHR3:12673889	SSF x Far_LoA	-9,331	0,010	0,293
CHR3	12682078	CHR3:12682078	SSF x Far_LoA	-10,027	0,002	0,295
CHR3	12682087	CHR3:12682087	SSF x Far_LoA	-10,056	-0,001	0,287
CHR3	12682125	CHR3:12682125	SSF x Far_LoA	-8,741	0,075	0,290
CHR3	12696955	CHR3:12696955	SSF x Far_LoA	-11,958	-0,016	0,291
CHR3	12699360	CHR3:12699360	SSF x Far_LoA	-6,814	-0,094	0,315
CHR3	12699397	CHR3:12699397	SSF x Far_LoA	-5,942	-0,071	0,286
CHR3	12699470	CHR3:12699470	SSF x Far_LoA	-9,994	-0,025	0,275
CHR3	12732099	CHR3:12732099	SSF x Far_LoA	-11,111	-0,008	0,299
CHR3	12735552	CHR3:12735552	SSF x Far_LoA	-9,321	-0,084	0,292
CHR3	12735867	CHR3:12735867	SSF x Far_LoA	-7,216	-0,022	0,300
CHR3	12739837	CHR3:12739837	SSF x Far_LoA	-4,749	0,076	0,297
CHR3	12742450	CHR3:12742450	SSF x Far_LoA	-7,053	-0,120	0,301
CHR3	12767505	CHR3:12767505	SSF x Far_LoA	-10,566	-0,008	0,281
CHR3	12767600	CHR3:12767600	SSF x Far_LoA	-10,098	-0,082	0,285
CHR3	12767689	CHR3:12767689	SSF x Far_LoA	-7,700	-0,116	0,289
CHR3	12767697	CHR3:12767697	SSF x Far_LoA	-8,372	-0,026	0,280
CHR3	12767737	CHR3:12767737	SSF x Far_LoA	-8,890	0,005	0,300
CHR3	12780622	CHR3:12780622	SSF x Far_LoA	-7,794	0,081	0,295
CHR3	12780714	CHR3:12780714	SSF x Far_LoA	-8,636	0,023	0,305
CHR3	12780766	CHR3:12780766	SSF x Far_LoA	-7,771	0,051	0,303
CHR3	12780931	CHR3:12780931	SSF x Far_LoA	-9,207	0,015	0,290
CHR3	12783168	CHR3:12783168	SSF x Far_LoA	-11,335	-0,008	0,281
CHR3	12783267	CHR3:12783267	SSF x Far_LoA	-8,735	0,009	0,303
CHR3	12783311	CHR3:12783311	SSF x Far_LoA	-11,229	-0,038	0,291
CHR3	12783339	CHR3:12783339	SSF x Far_LoA	-9,625	0,049	0,298
CHR3	12790279	CHR3:12790279	SSF x Far_LoA	-8,544	-0,105	0,281
CHR3	12790282	CHR3:12790282	SSF x Far_LoA	-9,874	-0,071	0,278
CHR3	12790315	CHR3:12790315	SSF x Far_LoA	-9,808	-0,046	0,278
CHR3	12790354	CHR3:12790354	SSF x Far_LoA	-7,894	-0,188	0,279
CHR3	12790392	CHR3:12790392	SSF x Far_LoA	-4,143	0,128	0,277
CHR3	12790438	CHR3:12790438	SSF x Far_LoA	-7,982	-0,084	0,305
CHR3	12794087	CHR3:12794087	SSF x Far_LoA	-10,267	-0,040	0,305
CHR3	12794142	CHR3:12794142	SSF x Far_LoA	-8,371	-0,040	0,295
CHR3	12794236	CHR3:12794236	SSF x Far_LoA	-10,556	0,004	0,293
CHR3	12800889	CHR3:12800889	SSF x Far_LoA	-9,134	-0,042	0,283
CHR3	1281179	CHR3:1281179	SSF x Far_LoA	-10,516	0,082	0,291
CHR3	1281300	CHR3:1281300	SSF x Far_LoA	-8,723	-0,144	0,285
CHR3	12818606	CHR3:12818606	SSF x Far_LoA	1,735	0,124	0,276
CHR3	12818619	CHR3:12818619	SSF x Far_LoA	-9,767	0,061	0,287
CHR3	12818644	CHR3:12818644	SSF x Far_LoA	-10,127	0,121	0,290
CHR3	12818659	CHR3:12818659	SSF x Far_LoA	-6,359	-0,002	0,290
CHR3	12818678	CHR3:12818678	SSF x Far_LoA	-9,828	0,123	0,296
CHR3	12819129	CHR3:12819129	SSF x Far_LoA	-9,997	0,011	0,274
CHR3	12819203	CHR3:12819203	SSF x Far_LoA	-9,033	-0,010	0,287
CHR3	12826619	CHR3:12826619	SSF x Far_LoA	-10,436	0,019	0,296

CHR3	12826630	CHR3:12826630	SSF x Far_LoA	-10,521	0,007	0,292
CHR3	12826706	CHR3:12826706	SSF x Far_LoA	-11,022	0,001	0,297
CHR3	12826754	CHR3:12826754	SSF x Far_LoA	-8,821	-0,011	0,302
CHR3	12826759	CHR3:12826759	SSF x Far_LoA	-8,294	0,005	0,307
CHR3	12826804	CHR3:12826804	SSF x Far_LoA	-10,317	0,068	0,285
CHR3	12826810	CHR3:12826810	SSF x Far_LoA	-4,783	-0,104	0,291
CHR3	12828571	CHR3:12828571	SSF x Far_LoA	-8,134	-0,088	0,282
CHR3	12828577	CHR3:12828577	SSF x Far_LoA	-7,072	0,182	0,280
CHR3	12828603	CHR3:12828603	SSF x Far_LoA	-8,232	0,085	0,290
CHR3	12833101	CHR3:12833101	SSF x Far_LoA	-7,988	-0,052	0,295
CHR3	12833107	CHR3:12833107	SSF x Far_LoA	-8,281	0,029	0,305
CHR3	12833118	CHR3:12833118	SSF x Far_LoA	-9,188	-0,029	0,288
CHR3	12833138	CHR3:12833138	SSF x Far_LoA	-9,777	-0,002	0,290
CHR3	12833155	CHR3:12833155	SSF x Far_LoA	-8,982	0,050	0,293
CHR3	1283438	CHR3:1283438	SSF x Far_LoA	-9,556	0,039	0,302
CHR3	1283595	CHR3:1283595	SSF x Far_LoA	-10,277	0,019	0,297
CHR3	12836157	CHR3:12836157	SSF x Far_LoA	-12,066	-0,001	0,290
CHR3	12836308	CHR3:12836308	SSF x Far_LoA	-10,198	0,131	0,279
CHR3	12836316	CHR3:12836316	SSF x Far_LoA	-7,278	0,079	0,298
CHR3	12836390	CHR3:12836390	SSF x Far_LoA	-10,883	-0,088	0,277
CHR3	12836463	CHR3:12836463	SSF x Far_LoA	-10,304	-0,060	0,293
CHR3	12836507	CHR3:12836507	SSF x Far_LoA	-6,606	0,110	0,295
CHR3	12844055	CHR3:12844055	SSF x Far_LoA	-12,131	0,059	0,276
CHR3	12844070	CHR3:12844070	SSF x Far_LoA	-9,005	0,113	0,282
CHR3	12844158	CHR3:12844158	SSF x Far_LoA	-5,227	-0,223	0,287
CHR3	12848069	CHR3:12848069	SSF x Far_LoA	-11,459	0,063	0,282
CHR3	12848072	CHR3:12848072	SSF x Far_LoA	-8,993	0,078	0,289
CHR3	12848074	CHR3:12848074	SSF x Far_LoA	-11,312	0,018	0,288
CHR3	12848089	CHR3:12848089	SSF x Far_LoA	-7,576	-0,135	0,271
CHR3	12848151	CHR3:12848151	SSF x Far_LoA	-8,521	-0,024	0,301
CHR3	12848152	CHR3:12848152	SSF x Far_LoA	-4,901	-0,145	0,287
CHR3	12848160	CHR3:12848160	SSF x Far_LoA	-6,037	0,063	0,292
CHR3	12848173	CHR3:12848173	SSF x Far_LoA	-7,522	-0,099	0,298
CHR3	12848234	CHR3:12848234	SSF x Far_LoA	-3,911	-0,075	0,277
CHR3	12848249	CHR3:12848249	SSF x Far_LoA	-11,930	-0,014	0,278
CHR3	12848291	CHR3:12848291	SSF x Far_LoA	-5,957	0,053	0,306
CHR3	12848307	CHR3:12848307	SSF x Far_LoA	-10,222	-0,007	0,300
CHR3	12848345	CHR3:12848345	SSF x Far_LoA	-10,663	-0,044	0,287
CHR3	12848347	CHR3:12848347	SSF x Far_LoA	-11,150	-0,047	0,290
CHR3	12848421	CHR3:12848421	SSF x Far_LoA	-8,154	-0,088	0,291
CHR3	12859516	CHR3:12859516	SSF x Far_LoA	-9,122	0,019	0,294
CHR3	12859538	CHR3:12859538	SSF x Far_LoA	-8,171	0,079	0,292
CHR3	12885239	CHR3:12885239	SSF x Far_LoA	-9,661	0,017	0,294
CHR3	12885287	CHR3:12885287	SSF x Far_LoA	-8,349	-0,020	0,295
CHR3	12885344	CHR3:12885344	SSF x Far_LoA	-7,935	-0,074	0,288
CHR3	12885370	CHR3:12885370	SSF x Far_LoA	-11,068	0,075	0,286
CHR3	12885415	CHR3:12885415	SSF x Far_LoA	-8,714	0,028	0,288
CHR3	12948661	CHR3:12948661	SSF x Far_LoA	-9,784	-0,099	0,302
CHR3	12955036	CHR3:12955036	SSF x Far_LoA	-8,209	0,109	0,296
CHR3	12961422	CHR3:12961422	SSF x Far_LoA	-9,479	-0,060	0,281
CHR3	12961433	CHR3:12961433	SSF x Far_LoA	-3,466	0,135	0,299
CHR3	12961443	CHR3:12961443	SSF x Far_LoA	-11,538	0,063	0,280
CHR3	12961510	CHR3:12961510	SSF x Far_LoA	-9,045	0,008	0,290

CHR3	12961575	CHR3:12961575	SSF x Far_LoA	-8,044	0,004	0,284
CHR3	13001466	CHR3:13001466	SSF x Far_LoA	-10,131	0,103	0,290
CHR3	13001486	CHR3:13001486	SSF x Far_LoA	-10,851	0,025	0,302
CHR3	13001495	CHR3:13001495	SSF x Far_LoA	-6,505	-0,046	0,307
CHR3	13001501	CHR3:13001501	SSF x Far_LoA	-8,341	-0,043	0,308
CHR3	13001509	CHR3:13001509	SSF x Far_LoA	-10,477	-0,057	0,295
CHR3	13001511	CHR3:13001511	SSF x Far_LoA	-9,944	0,080	0,292
CHR3	13001512	CHR3:13001512	SSF x Far_LoA	-9,670	0,072	0,292
CHR3	13001582	CHR3:13001582	SSF x Far_LoA	-10,626	-0,012	0,283
CHR3	13001589	CHR3:13001589	SSF x Far_LoA	-8,742	-0,038	0,291
CHR3	13001593	CHR3:13001593	SSF x Far_LoA	-10,430	-0,023	0,291
CHR3	13001624	CHR3:13001624	SSF x Far_LoA	-4,760	0,148	0,293
CHR3	13021912	CHR3:13021912	SSF x Far_LoA	-6,771	0,203	0,283
CHR3	13022122	CHR3:13022122	SSF x Far_LoA	-7,097	0,033	0,292
CHR3	13040976	CHR3:13040976	SSF x Far_LoA	-12,045	0,020	0,281
CHR3	13040990	CHR3:13040990	SSF x Far_LoA	-8,264	-0,048	0,293
CHR3	13041006	CHR3:13041006	SSF x Far_LoA	-9,723	-0,025	0,302
CHR3	13041015	CHR3:13041015	SSF x Far_LoA	-11,050	-0,010	0,290
CHR3	13041099	CHR3:13041099	SSF x Far_LoA	-7,044	-0,046	0,301
CHR3	13048404	CHR3:13048404	SSF x Far_LoA	-7,381	0,070	0,306
CHR3	13048475	CHR3:13048475	SSF x Far_LoA	-10,519	-0,098	0,289
CHR3	13048482	CHR3:13048482	SSF x Far_LoA	-8,726	0,109	0,285
CHR3	13048547	CHR3:13048547	SSF x Far_LoA	-9,685	0,019	0,286
CHR3	13048575	CHR3:13048575	SSF x Far_LoA	-11,507	0,046	0,275
CHR3	13056146	CHR3:13056146	SSF x Far_LoA	-9,750	0,031	0,275
CHR3	13056165	CHR3:13056165	SSF x Far_LoA	-9,008	0,039	0,294
CHR3	13062178	CHR3:13062178	SSF x Far_LoA	-9,523	0,025	0,295
CHR3	13071806	CHR3:13071806	SSF x Far_LoA	-4,795	-0,019	0,288
CHR3	13071888	CHR3:13071888	SSF x Far_LoA	-5,714	0,170	0,275
CHR3	13086431	CHR3:13086431	SSF x Far_LoA	-9,154	-0,096	0,301
CHR3	13086477	CHR3:13086477	SSF x Far_LoA	-8,320	0,139	0,280
CHR3	13087473	CHR3:13087473	SSF x Far_LoA	-7,885	0,104	0,288
CHR3	13087615	CHR3:13087615	SSF x Far_LoA	-9,520	-0,117	0,286
CHR3	13087815	CHR3:13087815	SSF x Far_LoA	-4,205	-0,110	0,292
CHR3	13098289	CHR3:13098289	SSF x Far_LoA	-11,891	0,002	0,296
CHR3	13101430	CHR3:13101430	SSF x Far_LoA	-10,348	-0,038	0,282
CHR3	13101445	CHR3:13101445	SSF x Far_LoA	-8,759	-0,094	0,288
CHR3	13101776	CHR3:13101776	SSF x Far_LoA	-10,511	-0,033	0,291
CHR3	13101804	CHR3:13101804	SSF x Far_LoA	-7,715	0,057	0,294
CHR3	13109027	CHR3:13109027	SSF x Far_LoA	-7,637	0,016	0,293
CHR3	13134115	CHR3:13134115	SSF x Far_LoA	-8,840	-0,001	0,295
CHR3	13134161	CHR3:13134161	SSF x Far_LoA	-9,724	-0,005	0,297
CHR3	13137053	CHR3:13137053	SSF x Far_LoA	-9,288	0,078	0,304
CHR3	13137136	CHR3:13137136	SSF x Far_LoA	-10,270	0,030	0,288
CHR3	13173111	CHR3:13173111	SSF x Far_LoA	-10,319	0,061	0,291
CHR3	13173197	CHR3:13173197	SSF x Far_LoA	-8,969	0,047	0,296
CHR3	13173396	CHR3:13173396	SSF x Far_LoA	-9,265	0,096	0,276
CHR3	13173401	CHR3:13173401	SSF x Far_LoA	-8,748	-0,060	0,291
CHR3	13173408	CHR3:13173408	SSF x Far_LoA	-9,261	-0,014	0,300
CHR3	13175445	CHR3:13175445	SSF x Far_LoA	-10,554	0,086	0,292
CHR3	13175464	CHR3:13175464	SSF x Far_LoA	-10,536	-0,056	0,276
CHR3	13175545	CHR3:13175545	SSF x Far_LoA	-8,304	0,035	0,303
CHR3	13175558	CHR3:13175558	SSF x Far_LoA	-10,616	-0,014	0,278

CHR3	13187961	CHR3:13187961	SSF x Far_LoA	-9,984	-0,047	0,289
CHR3	13188066	CHR3:13188066	SSF x Far_LoA	-10,474	-0,049	0,307
CHR3	13188108	CHR3:13188108	SSF x Far_LoA	-7,804	-0,079	0,296
CHR3	1321106	CHR3:1321106	SSF x Far_LoA	-10,331	-0,046	0,291
CHR3	1321142	CHR3:1321142	SSF x Far_LoA	-11,862	0,055	0,275
CHR3	13232057	CHR3:13232057	SSF x Far_LoA	-11,815	-0,070	0,295
CHR3	13258690	CHR3:13258690	SSF x Far_LoA	-7,648	-0,140	0,295
CHR3	13268947	CHR3:13268947	SSF x Far_LoA	-10,561	0,054	0,296
CHR3	13269020	CHR3:13269020	SSF x Far_LoA	-8,177	-0,075	0,307
CHR3	13274942	CHR3:13274942	SSF x Far_LoA	-9,661	-0,005	0,295
CHR3	13274948	CHR3:13274948	SSF x Far_LoA	-8,584	-0,010	0,288
CHR3	13279773	CHR3:13279773	SSF x Far_LoA	-10,175	0,015	0,295
CHR3	13279833	CHR3:13279833	SSF x Far_LoA	-9,925	-0,001	0,306
CHR3	13280000	CHR3:13280000	SSF x Far_LoA	-10,812	0,081	0,293
CHR3	13280141	CHR3:13280141	SSF x Far_LoA	11,875	-0,095	0,279
CHR3	13280144	CHR3:13280144	SSF x Far_LoA	-9,390	-0,127	0,287
CHR3	1333342	CHR3:1333342	SSF x Far_LoA	-10,214	-0,036	0,290
CHR3	1333344	CHR3:1333344	SSF x Far_LoA	-8,493	0,090	0,289
CHR3	1333358	CHR3:1333358	SSF x Far_LoA	-9,888	-0,099	0,301
CHR3	1333690	CHR3:1333690	SSF x Far_LoA	-8,094	-0,143	0,272
CHR3	13345570	CHR3:13345570	SSF x Far_LoA	-10,571	0,045	0,295
CHR3	13351513	CHR3:13351513	SSF x Far_LoA	-10,252	0,051	0,292
CHR3	13351519	CHR3:13351519	SSF x Far_LoA	-9,865	0,026	0,300
CHR3	13363084	CHR3:13363084	SSF x Far_LoA	-11,424	-0,008	0,285
CHR3	13371574	CHR3:13371574	SSF x Far_LoA	-12,026	0,072	0,279
CHR3	13371580	CHR3:13371580	SSF x Far_LoA	-8,537	0,043	0,288
CHR3	13377906	CHR3:13377906	SSF x Far_LoA	-7,019	-0,154	0,275
CHR3	13378077	CHR3:13378077	SSF x Far_LoA	-3,083	-0,202	0,284
CHR3	13378082	CHR3:13378082	SSF x Far_LoA	-5,721	-0,167	0,275
CHR3	13378191	CHR3:13378191	SSF x Far_LoA	-11,097	-0,016	0,275
CHR3	13384751	CHR3:13384751	SSF x Far_LoA	-8,847	-0,033	0,281
CHR3	13397490	CHR3:13397490	SSF x Far_LoA	-9,488	-0,046	0,305
CHR3	13397501	CHR3:13397501	SSF x Far_LoA	-10,938	-0,040	0,287
CHR3	13397518	CHR3:13397518	SSF x Far_LoA	-8,119	-0,061	0,285
CHR3	13397747	CHR3:13397747	SSF x Far_LoA	-10,098	0,042	0,292
CHR3	13397779	CHR3:13397779	SSF x Far_LoA	-10,802	0,084	0,296
CHR3	13408119	CHR3:13408119	SSF x Far_LoA	-8,465	-0,068	0,281
CHR3	13408135	CHR3:13408135	SSF x Far_LoA	-8,747	0,077	0,279
CHR3	13408166	CHR3:13408166	SSF x Far_LoA	-10,545	-0,034	0,288
CHR3	13408187	CHR3:13408187	SSF x Far_LoA	-7,434	0,068	0,291
CHR3	13408199	CHR3:13408199	SSF x Far_LoA	1,488	0,101	0,285
CHR3	13408213	CHR3:13408213	SSF x Far_LoA	-2,943	0,141	0,284
CHR3	13410818	CHR3:13410818	SSF x Far_LoA	-9,063	0,024	0,288
CHR3	13410832	CHR3:13410832	SSF x Far_LoA	-9,456	0,033	0,285
CHR3	13410954	CHR3:13410954	SSF x Far_LoA	-6,505	-0,009	0,305
CHR3	13410990	CHR3:13410990	SSF x Far_LoA	-9,177	0,023	0,296
CHR3	13411104	CHR3:13411104	SSF x Far_LoA	-10,520	0,019	0,287
CHR3	13417802	CHR3:13417802	SSF x Far_LoA	8,970	0,104	0,290
CHR3	13446613	CHR3:13446613	SSF x Far_LoA	-10,562	0,123	0,291
CHR3	13446673	CHR3:13446673	SSF x Far_LoA	-9,305	-0,049	0,291
CHR3	13447606	CHR3:13447606	SSF x Far_LoA	-10,880	0,015	0,293
CHR3	13471105	CHR3:13471105	SSF x Far_LoA	-6,946	0,003	0,292
CHR3	13471111	CHR3:13471111	SSF x Far_LoA	-8,043	0,036	0,300

CHR3	13471116	CHR3:13471116	SSF x Far_LoA	-9,087	-0,030	0,291
CHR3	13471127	CHR3:13471127	SSF x Far_LoA	-7,629	-0,005	0,297
CHR3	13471155	CHR3:13471155	SSF x Far_LoA	-10,151	0,028	0,287
CHR3	13471213	CHR3:13471213	SSF x Far_LoA	-7,781	-0,132	0,284
CHR3	13471220	CHR3:13471220	SSF x Far_LoA	-10,024	-0,011	0,298
CHR3	13471234	CHR3:13471234	SSF x Far_LoA	-7,455	0,050	0,287
CHR3	13471240	CHR3:13471240	SSF x Far_LoA	-10,432	0,019	0,284
CHR3	13471329	CHR3:13471329	SSF x Far_LoA	-10,233	0,062	0,298
CHR3	13476539	CHR3:13476539	SSF x Far_LoA	-11,105	0,030	0,289
CHR3	13476605	CHR3:13476605	SSF x Far_LoA	-11,708	0,013	0,280
CHR3	13515907	CHR3:13515907	SSF x Far_LoA	-8,822	-0,046	0,295
CHR3	13515909	CHR3:13515909	SSF x Far_LoA	-9,640	-0,029	0,285
CHR3	13515980	CHR3:13515980	SSF x Far_LoA	-10,703	-0,097	0,291
CHR3	13515991	CHR3:13515991	SSF x Far_LoA	-12,103	-0,019	0,285
CHR3	13530704	CHR3:13530704	SSF x Far_LoA	-8,886	-0,026	0,290
CHR3	1354389	CHR3:1354389	SSF x Far_LoA	-4,927	-0,171	0,280
CHR3	13544501	CHR3:13544501	SSF x Far_LoA	-9,180	0,042	0,295
CHR3	13544506	CHR3:13544506	SSF x Far_LoA	-10,403	0,036	0,284
CHR3	13544546	CHR3:13544546	SSF x Far_LoA	-7,617	0,128	0,290
CHR3	13544561	CHR3:13544561	SSF x Far_LoA	-8,328	-0,043	0,302
CHR3	13544568	CHR3:13544568	SSF x Far_LoA	-9,424	0,126	0,292
CHR3	13544574	CHR3:13544574	SSF x Far_LoA	-9,688	0,121	0,291
CHR3	13544580	CHR3:13544580	SSF x Far_LoA	-7,712	0,129	0,285
CHR3	13544581	CHR3:13544581	SSF x Far_LoA	-7,006	0,132	0,294
CHR3	13544582	CHR3:13544582	SSF x Far_LoA	-8,699	0,135	0,302
CHR3	13544584	CHR3:13544584	SSF x Far_LoA	-8,336	0,135	0,289
CHR3	13544878	CHR3:13544878	SSF x Far_LoA	-9,251	0,032	0,280
CHR3	13544879	CHR3:13544879	SSF x Far_LoA	-9,318	0,017	0,291
CHR3	13544898	CHR3:13544898	SSF x Far_LoA	-8,254	0,039	0,294
CHR3	13544901	CHR3:13544901	SSF x Far_LoA	-8,464	0,046	0,282
CHR3	13544903	CHR3:13544903	SSF x Far_LoA	-9,501	0,034	0,277
CHR3	1354514	CHR3:1354514	SSF x Far_LoA	-7,516	-0,134	0,297
CHR3	1354551	CHR3:1354551	SSF x Far_LoA	-9,141	-0,140	0,297
CHR3	13589020	CHR3:13589020	SSF x Far_LoA	-9,433	-0,049	0,296
CHR3	13589035	CHR3:13589035	SSF x Far_LoA	-10,139	-0,038	0,305
CHR3	13608503	CHR3:13608503	SSF x Far_LoA	-10,346	-0,057	0,300
CHR3	13613078	CHR3:13613078	SSF x Far_LoA	-8,417	0,026	0,287
CHR3	13656589	CHR3:13656589	SSF x Far_LoA	-10,551	-0,002	0,295
CHR3	13656597	CHR3:13656597	SSF x Far_LoA	-8,987	0,045	0,273
CHR3	13656684	CHR3:13656684	SSF x Far_LoA	-7,939	-0,006	0,290
CHR3	13656690	CHR3:13656690	SSF x Far_LoA	-11,021	0,086	0,288
CHR3	13656740	CHR3:13656740	SSF x Far_LoA	-11,370	0,067	0,292
CHR3	13656819	CHR3:13656819	SSF x Far_LoA	-8,824	0,067	0,283
CHR3	1367898	CHR3:1367898	SSF x Far_LoA	-10,002	-0,119	0,288
CHR3	1367909	CHR3:1367909	SSF x Far_LoA	-7,023	0,053	0,293
CHR3	1367921	CHR3:1367921	SSF x Far_LoA	-7,978	-0,046	0,294
CHR3	13679271	CHR3:13679271	SSF x Far_LoA	-9,099	-0,032	0,285
CHR3	1367936	CHR3:1367936	SSF x Far_LoA	-9,805	-0,048	0,294
CHR3	1368008	CHR3:1368008	SSF x Far_LoA	-9,149	-0,038	0,289
CHR3	1368062	CHR3:1368062	SSF x Far_LoA	-9,544	0,029	0,296
CHR3	1368110	CHR3:1368110	SSF x Far_LoA	-9,608	-0,034	0,296
CHR3	1368208	CHR3:1368208	SSF x Far_LoA	-7,218	0,125	0,283
CHR3	1368233	CHR3:1368233	SSF x Far_LoA	-7,451	0,052	0,289

CHR3	1370148	CHR3:1370148	SSF x Far_LoA	-8,955	0,052	0,303
CHR3	1370220	CHR3:1370220	SSF x Far_LoA	-9,697	-0,096	0,298
CHR3	1370251	CHR3:1370251	SSF x Far_LoA	-9,448	-0,068	0,303
CHR3	1370365	CHR3:1370365	SSF x Far_LoA	-7,277	0,053	0,307
CHR3	13706473	CHR3:13706473	SSF x Far_LoA	-10,078	0,082	0,307
CHR3	13707022	CHR3:13707022	SSF x Far_LoA	-10,219	0,050	0,298
CHR3	13707054	CHR3:13707054	SSF x Far_LoA	-8,832	-0,047	0,291
CHR3	13707116	CHR3:13707116	SSF x Far_LoA	-9,731	0,077	0,296
CHR3	13712928	CHR3:13712928	SSF x Far_LoA	-9,095	0,152	0,277
CHR3	13714803	CHR3:13714803	SSF x Far_LoA	-7,139	0,106	0,295
CHR3	13714879	CHR3:13714879	SSF x Far_LoA	-7,986	0,079	0,297
CHR3	13717834	CHR3:13717834	SSF x Far_LoA	-11,113	0,019	0,290
CHR3	13729645	CHR3:13729645	SSF x Far_LoA	-10,096	-0,122	0,284
CHR3	13729648	CHR3:13729648	SSF x Far_LoA	-8,385	0,027	0,295
CHR3	13729659	CHR3:13729659	SSF x Far_LoA	-10,032	-0,118	0,282
CHR3	13729679	CHR3:13729679	SSF x Far_LoA	-9,055	0,041	0,295
CHR3	13729765	CHR3:13729765	SSF x Far_LoA	-9,832	0,054	0,277
CHR3	13729854	CHR3:13729854	SSF x Far_LoA	-8,978	-0,027	0,275
CHR3	13729865	CHR3:13729865	SSF x Far_LoA	-9,987	0,037	0,289
CHR3	13729955	CHR3:13729955	SSF x Far_LoA	-2,890	-0,016	0,292
CHR3	1373567	CHR3:1373567	SSF x Far_LoA	-9,961	-0,003	0,293
CHR3	1373751	CHR3:1373751	SSF x Far_LoA	-10,531	-0,117	0,290
CHR3	13751839	CHR3:13751839	SSF x Far_LoA	-9,288	-0,033	0,306
CHR3	13751956	CHR3:13751956	SSF x Far_LoA	-8,859	-0,089	0,288
CHR3	13751981	CHR3:13751981	SSF x Far_LoA	-9,262	-0,075	0,293
CHR3	13752012	CHR3:13752012	SSF x Far_LoA	-9,033	-0,112	0,299
CHR3	13752020	CHR3:13752020	SSF x Far_LoA	-9,346	-0,079	0,294
CHR3	1375358	CHR3:1375358	SSF x Far_LoA	-10,780	0,089	0,286
CHR3	1375387	CHR3:1375387	SSF x Far_LoA	-9,444	0,008	0,286
CHR3	1376186	CHR3:1376186	SSF x Far_LoA	-11,985	-0,030	0,288
CHR3	1376223	CHR3:1376223	SSF x Far_LoA	-10,835	0,112	0,292
CHR3	1376391	CHR3:1376391	SSF x Far_LoA	-12,002	-0,050	0,287
CHR3	13789910	CHR3:13789910	SSF x Far_LoA	-11,907	0,006	0,289
CHR3	13814367	CHR3:13814367	SSF x Far_LoA	-5,360	0,121	0,294
CHR3	13818284	CHR3:13818284	SSF x Far_LoA	-10,682	0,062	0,291
CHR3	13818294	CHR3:13818294	SSF x Far_LoA	-8,296	-0,100	0,295
CHR3	13818336	CHR3:13818336	SSF x Far_LoA	-7,546	-0,072	0,288
CHR3	13818350	CHR3:13818350	SSF x Far_LoA	-6,138	0,187	0,286
CHR3	13818351	CHR3:13818351	SSF x Far_LoA	-8,572	-0,158	0,276
CHR3	13818438	CHR3:13818438	SSF x Far_LoA	-11,292	-0,034	0,298
CHR3	13818492	CHR3:13818492	SSF x Far_LoA	-8,846	-0,052	0,296
CHR3	13845688	CHR3:13845688	SSF x Far_LoA	-8,876	-0,158	0,303
CHR3	13847485	CHR3:13847485	SSF x Far_LoA	-7,758	-0,077	0,291
CHR3	13847495	CHR3:13847495	SSF x Far_LoA	-9,676	-0,037	0,295
CHR3	13855630	CHR3:13855630	SSF x Far_LoA	-9,026	-0,011	0,302
CHR3	13862388	CHR3:13862388	SSF x Far_LoA	-7,537	0,010	0,297
CHR3	13862413	CHR3:13862413	SSF x Far_LoA	-6,740	-0,155	0,287
CHR3	13862429	CHR3:13862429	SSF x Far_LoA	-5,241	-0,187	0,283
CHR3	13862462	CHR3:13862462	SSF x Far_LoA	-8,407	0,108	0,281
CHR3	13862524	CHR3:13862524	SSF x Far_LoA	-8,706	-0,050	0,288
CHR3	13862623	CHR3:13862623	SSF x Far_LoA	-11,428	0,066	0,289
CHR3	13862653	CHR3:13862653	SSF x Far_LoA	-10,168	0,043	0,295
CHR3	13868896	CHR3:13868896	SSF x Far_LoA	-10,324	-0,101	0,297

CHR3	13875364	CHR3:13875364	SSF x Far_LoA	-8,302	0,050	0,289
CHR3	13875369	CHR3:13875369	SSF x Far_LoA	-10,917	0,052	0,289
CHR3	13875377	CHR3:13875377	SSF x Far_LoA	-6,687	-0,104	0,302
CHR3	13875443	CHR3:13875443	SSF x Far_LoA	-6,079	0,121	0,293
CHR3	13875482	CHR3:13875482	SSF x Far_LoA	-10,549	0,021	0,279
CHR3	13889074	CHR3:13889074	SSF x Far_LoA	-9,429	-0,115	0,294
CHR3	13889151	CHR3:13889151	SSF x Far_LoA	-9,157	0,046	0,279
CHR3	13894842	CHR3:13894842	SSF x Far_LoA	-7,496	0,119	0,286
CHR3	13900154	CHR3:13900154	SSF x Far_LoA	4,760	0,195	0,276
CHR3	13900165	CHR3:13900165	SSF x Far_LoA	-10,161	0,020	0,299
CHR3	13911986	CHR3:13911986	SSF x Far_LoA	-10,429	-0,064	0,290
CHR3	13912068	CHR3:13912068	SSF x Far_LoA	-5,971	0,131	0,303
CHR3	13912116	CHR3:13912116	SSF x Far_LoA	-10,553	0,010	0,288
CHR3	13912155	CHR3:13912155	SSF x Far_LoA	-10,306	0,027	0,296
CHR3	13914471	CHR3:13914471	SSF x Far_LoA	-8,792	0,120	0,293
CHR3	13943908	CHR3:13943908	SSF x Far_LoA	-9,022	-0,036	0,276
CHR3	1395541	CHR3:1395541	SSF x Far_LoA	-11,110	-0,041	0,294
CHR3	1395565	CHR3:1395565	SSF x Far_LoA	-6,525	-0,174	0,270
CHR3	1395621	CHR3:1395621	SSF x Far_LoA	-8,895	-0,071	0,291
CHR3	1395625	CHR3:1395625	SSF x Far_LoA	-9,205	0,037	0,289
CHR3	1395635	CHR3:1395635	SSF x Far_LoA	-10,894	-0,030	0,293
CHR3	13957116	CHR3:13957116	SSF x Far_LoA	-8,636	0,003	0,298
CHR3	13958008	CHR3:13958008	SSF x Far_LoA	-4,602	-0,074	0,292
CHR3	13964600	CHR3:13964600	SSF x Far_LoA	-9,376	-0,001	0,289
CHR3	13964604	CHR3:13964604	SSF x Far_LoA	-8,197	0,015	0,290
CHR3	13964629	CHR3:13964629	SSF x Far_LoA	-10,025	-0,152	0,275
CHR3	13964653	CHR3:13964653	SSF x Far_LoA	-8,938	-0,001	0,303
CHR3	13964742	CHR3:13964742	SSF x Far_LoA	-10,477	0,057	0,282
CHR3	13964809	CHR3:13964809	SSF x Far_LoA	-8,886	-0,002	0,279
CHR3	1399127	CHR3:1399127	SSF x Far_LoA	-10,099	0,070	0,293
CHR3	1399143	CHR3:1399143	SSF x Far_LoA	-9,878	-0,168	0,287
CHR3	1399150	CHR3:1399150	SSF x Far_LoA	-9,112	-0,181	0,272
CHR3	1399164	CHR3:1399164	SSF x Far_LoA	-10,153	-0,031	0,270
CHR3	1399207	CHR3:1399207	SSF x Far_LoA	-7,897	-0,183	0,263
CHR3	1399254	CHR3:1399254	SSF x Far_LoA	-9,769	0,077	0,294
CHR3	1399271	CHR3:1399271	SSF x Far_LoA	-8,660	-0,103	0,286
CHR3	1399293	CHR3:1399293	SSF x Far_LoA	-10,213	0,041	0,280
CHR3	14002119	CHR3:14002119	SSF x Far_LoA	-8,555	0,042	0,290
CHR3	14002125	CHR3:14002125	SSF x Far_LoA	-7,237	0,084	0,290
CHR3	14002157	CHR3:14002157	SSF x Far_LoA	-8,311	-0,010	0,307
CHR3	1401096	CHR3:1401096	SSF x Far_LoA	-7,783	0,008	0,289
CHR3	14024295	CHR3:14024295	SSF x Far_LoA	-9,196	-0,098	0,295
CHR3	14024298	CHR3:14024298	SSF x Far_LoA	-10,013	-0,031	0,291
CHR3	14024311	CHR3:14024311	SSF x Far_LoA	-10,514	-0,038	0,298
CHR3	14024324	CHR3:14024324	SSF x Far_LoA	-9,001	-0,049	0,293
CHR3	14024467	CHR3:14024467	SSF x Far_LoA	-12,127	0,007	0,282
CHR3	14024470	CHR3:14024470	SSF x Far_LoA	-10,526	-0,011	0,302
CHR3	14024508	CHR3:14024508	SSF x Far_LoA	-10,821	0,030	0,284
CHR3	14037776	CHR3:14037776	SSF x Far_LoA	-8,692	-0,031	0,292
CHR3	14037827	CHR3:14037827	SSF x Far_LoA	-8,797	-0,043	0,296
CHR3	14037885	CHR3:14037885	SSF x Far_LoA	-10,625	0,035	0,289
CHR3	14044634	CHR3:14044634	SSF x Far_LoA	-11,403	0,081	0,288
CHR3	14064301	CHR3:14064301	SSF x Far_LoA	-9,250	0,125	0,280

CHR3	14088228	CHR3:14088228	SSF x Far_LoA	-8,496	-0,050	0,283
CHR3	14088295	CHR3:14088295	SSF x Far_LoA	-8,807	-0,027	0,281
CHR3	14093657	CHR3:14093657	SSF x Far_LoA	-8,823	0,069	0,299
CHR3	14093747	CHR3:14093747	SSF x Far_LoA	-6,152	-0,123	0,279
CHR3	14093795	CHR3:14093795	SSF x Far_LoA	-7,805	-0,116	0,286
CHR3	14096402	CHR3:14096402	SSF x Far_LoA	-9,807	-0,071	0,289
CHR3	14109653	CHR3:14109653	SSF x Far_LoA	-9,263	0,060	0,296
CHR3	14208261	CHR3:14208261	SSF x Far_LoA	-8,951	-0,064	0,281
CHR3	1421799	CHR3:1421799	SSF x Far_LoA	-9,479	-0,039	0,286
CHR3	14218301	CHR3:14218301	SSF x Far_LoA	-9,073	0,028	0,291
CHR3	14218338	CHR3:14218338	SSF x Far_LoA	-7,674	-0,048	0,296
CHR3	14218365	CHR3:14218365	SSF x Far_LoA	-10,997	0,003	0,274
CHR3	1421859	CHR3:1421859	SSF x Far_LoA	-7,558	0,144	0,300
CHR3	1421977	CHR3:1421977	SSF x Far_LoA	-2,387	0,011	0,293
CHR3	1421982	CHR3:1421982	SSF x Far_LoA	-10,788	-0,014	0,287
CHR3	1422081	CHR3:1422081	SSF x Far_LoA	-9,484	0,161	0,279
CHR3	1422154	CHR3:1422154	SSF x Far_LoA	-8,951	0,198	0,273
CHR3	14267445	CHR3:14267445	SSF x Far_LoA	-10,973	0,004	0,290
CHR3	14267538	CHR3:14267538	SSF x Far_LoA	-7,553	-0,067	0,311
CHR3	14279922	CHR3:14279922	SSF x Far_LoA	-8,755	-0,124	0,282
CHR3	14279938	CHR3:14279938	SSF x Far_LoA	-8,372	0,003	0,300
CHR3	14279986	CHR3:14279986	SSF x Far_LoA	-10,256	-0,042	0,288
CHR3	14297758	CHR3:14297758	SSF x Far_LoA	-10,260	0,042	0,278
CHR3	14297967	CHR3:14297967	SSF x Far_LoA	-11,124	0,088	0,298
CHR3	14307619	CHR3:14307619	SSF x Far_LoA	-5,873	-0,146	0,295
CHR3	14307680	CHR3:14307680	SSF x Far_LoA	-9,083	-0,013	0,306
CHR3	14307788	CHR3:14307788	SSF x Far_LoA	-9,767	-0,059	0,288
CHR3	14307823	CHR3:14307823	SSF x Far_LoA	-10,964	-0,001	0,301
CHR3	14325181	CHR3:14325181	SSF x Far_LoA	-9,667	0,036	0,308
CHR3	14325252	CHR3:14325252	SSF x Far_LoA	-10,444	0,034	0,287
CHR3	14346907	CHR3:14346907	SSF x Far_LoA	-11,191	-0,016	0,287
CHR3	1436902	CHR3:1436902	SSF x Far_LoA	-10,212	0,064	0,288
CHR3	1437125	CHR3:1437125	SSF x Far_LoA	-8,645	-0,065	0,292
CHR3	1437293	CHR3:1437293	SSF x Far_LoA	-10,596	0,107	0,284
CHR3	14381864	CHR3:14381864	SSF x Far_LoA	-6,112	0,140	0,302
CHR3	1440227	CHR3:1440227	SSF x Far_LoA	-6,621	-0,072	0,293
CHR3	1440239	CHR3:1440239	SSF x Far_LoA	-9,624	-0,100	0,276
CHR3	1440254	CHR3:1440254	SSF x Far_LoA	-10,438	-0,063	0,295
CHR3	1440264	CHR3:1440264	SSF x Far_LoA	-9,279	-0,110	0,285
CHR3	1440319	CHR3:1440319	SSF x Far_LoA	-7,204	-0,088	0,298
CHR3	1440334	CHR3:1440334	SSF x Far_LoA	-10,441	0,015	0,288
CHR3	1440340	CHR3:1440340	SSF x Far_LoA	-9,268	-0,002	0,294
CHR3	1440348	CHR3:1440348	SSF x Far_LoA	-9,217	0,012	0,296
CHR3	1440350	CHR3:1440350	SSF x Far_LoA	-8,403	-0,077	0,289
CHR3	1440355	CHR3:1440355	SSF x Far_LoA	-8,663	-0,022	0,285
CHR3	1440375	CHR3:1440375	SSF x Far_LoA	-10,212	0,090	0,292
CHR3	1440404	CHR3:1440404	SSF x Far_LoA	-9,326	0,094	0,291
CHR3	14419273	CHR3:14419273	SSF x Far_LoA	-11,290	0,032	0,290
CHR3	14419368	CHR3:14419368	SSF x Far_LoA	-7,650	-0,080	0,291
CHR3	14419371	CHR3:14419371	SSF x Far_LoA	-9,293	-0,011	0,300
CHR3	14419374	CHR3:14419374	SSF x Far_LoA	-12,138	-0,035	0,284
CHR3	14419424	CHR3:14419424	SSF x Far_LoA	-6,355	-0,020	0,278
CHR3	14419437	CHR3:14419437	SSF x Far_LoA	-11,695	-0,050	0,296

CHR3	14419469	CHR3:14419469	SSF x Far_LoA	-9,572	0,009	0,281
CHR3	14419516	CHR3:14419516	SSF x Far_LoA	-9,303	0,030	0,278
CHR3	14419523	CHR3:14419523	SSF x Far_LoA	-10,236	0,010	0,280
CHR3	14419534	CHR3:14419534	SSF x Far_LoA	-9,698	0,034	0,296
CHR3	14419565	CHR3:14419565	SSF x Far_LoA	-9,889	-0,079	0,279
CHR3	14444897	CHR3:14444897	SSF x Far_LoA	-10,285	-0,048	0,290
CHR3	14444974	CHR3:14444974	SSF x Far_LoA	-1,264	-0,102	0,289
CHR3	14458688	CHR3:14458688	SSF x Far_LoA	-7,090	0,075	0,281
CHR3	14458817	CHR3:14458817	SSF x Far_LoA	-9,039	0,089	0,285
CHR3	14461105	CHR3:14461105	SSF x Far_LoA	-6,770	-0,176	0,279
CHR3	14466103	CHR3:14466103	SSF x Far_LoA	-4,718	-0,035	0,287
CHR3	14470688	CHR3:14470688	SSF x Far_LoA	-10,458	-0,143	0,298
CHR3	14476021	CHR3:14476021	SSF x Far_LoA	-8,535	0,016	0,288
CHR3	14476171	CHR3:14476171	SSF x Far_LoA	-7,894	0,076	0,298
CHR3	14480289	CHR3:14480289	SSF x Far_LoA	-8,650	0,054	0,286
CHR3	14509298	CHR3:14509298	SSF x Far_LoA	-9,769	-0,082	0,300
CHR3	14509377	CHR3:14509377	SSF x Far_LoA	-6,167	0,088	0,289
CHR3	14519679	CHR3:14519679	SSF x Far_LoA	-9,080	-0,110	0,308
CHR3	14528646	CHR3:14528646	SSF x Far_LoA	-12,252	0,002	0,284
CHR3	14537192	CHR3:14537192	SSF x Far_LoA	-9,412	0,036	0,299
CHR3	14537214	CHR3:14537214	SSF x Far_LoA	-11,116	0,013	0,283
CHR3	14537244	CHR3:14537244	SSF x Far_LoA	-9,665	0,034	0,296
CHR3	1455375	CHR3:1455375	SSF x Far_LoA	-8,051	-0,080	0,300
CHR3	1455433	CHR3:1455433	SSF x Far_LoA	-11,447	-0,031	0,296
CHR3	1455549	CHR3:1455549	SSF x Far_LoA	-8,765	-0,055	0,282
CHR3	1455614	CHR3:1455614	SSF x Far_LoA	-9,832	0,077	0,274
CHR3	1455679	CHR3:1455679	SSF x Far_LoA	-7,242	0,052	0,290
CHR3	1455681	CHR3:1455681	SSF x Far_LoA	-7,919	-0,112	0,282
CHR3	1455709	CHR3:1455709	SSF x Far_LoA	-6,392	0,073	0,291
CHR3	1455741	CHR3:1455741	SSF x Far_LoA	-8,092	-0,025	0,289
CHR3	14566322	CHR3:14566322	SSF x Far_LoA	-9,191	0,029	0,313
CHR3	14566346	CHR3:14566346	SSF x Far_LoA	-10,371	-0,154	0,270
CHR3	14566366	CHR3:14566366	SSF x Far_LoA	-8,555	-0,148	0,297
CHR3	14670742	CHR3:14670742	SSF x Far_LoA	-9,437	-0,080	0,292
CHR3	14670896	CHR3:14670896	SSF x Far_LoA	-9,653	0,085	0,289
CHR3	14679826	CHR3:14679826	SSF x Far_LoA	-9,650	-0,063	0,285
CHR3	14680017	CHR3:14680017	SSF x Far_LoA	-4,211	0,007	0,283
CHR3	14695134	CHR3:14695134	SSF x Far_LoA	-10,140	-0,043	0,296
CHR3	1471522	CHR3:1471522	SSF x Far_LoA	-10,582	-0,058	0,294
CHR3	14721170	CHR3:14721170	SSF x Far_LoA	-8,177	-0,063	0,290
CHR3	1475190	CHR3:1475190	SSF x Far_LoA	-10,215	-0,040	0,289
CHR3	1475434	CHR3:1475434	SSF x Far_LoA	-12,134	0,005	0,300
CHR3	1475483	CHR3:1475483	SSF x Far_LoA	-8,785	0,072	0,278
CHR3	14774037	CHR3:14774037	SSF x Far_LoA	-10,713	0,037	0,289
CHR3	14779764	CHR3:14779764	SSF x Far_LoA	3,611	-0,194	0,290
CHR3	14779841	CHR3:14779841	SSF x Far_LoA	-8,408	-0,190	0,275
CHR3	14783035	CHR3:14783035	SSF x Far_LoA	-8,376	-0,091	0,294
CHR3	14783134	CHR3:14783134	SSF x Far_LoA	-10,291	0,025	0,289
CHR3	14783202	CHR3:14783202	SSF x Far_LoA	-10,062	0,053	0,301
CHR3	14816611	CHR3:14816611	SSF x Far_LoA	-8,570	-0,123	0,285
CHR3	14824368	CHR3:14824368	SSF x Far_LoA	-10,870	0,059	0,290
CHR3	1482989	CHR3:1482989	SSF x Far_LoA	-9,683	0,058	0,304
CHR3	1483009	CHR3:1483009	SSF x Far_LoA	-10,611	0,087	0,303

CHR3	14838496	CHR3:14838496	SSF x Far_LoA	-11,884	0,091	0,279
CHR3	14838549	CHR3:14838549	SSF x Far_LoA	-8,888	0,072	0,284
CHR3	14838603	CHR3:14838603	SSF x Far_LoA	-7,082	0,073	0,294
CHR3	14838630	CHR3:14838630	SSF x Far_LoA	-10,860	0,059	0,285
CHR3	14848987	CHR3:14848987	SSF x Far_LoA	-10,450	0,103	0,277
CHR3	14849009	CHR3:14849009	SSF x Far_LoA	-10,990	0,079	0,266
CHR3	14870571	CHR3:14870571	SSF x Far_LoA	-8,926	-0,051	0,288
CHR3	14870598	CHR3:14870598	SSF x Far_LoA	-10,404	-0,030	0,292
CHR3	14870618	CHR3:14870618	SSF x Far_LoA	-10,097	0,005	0,295
CHR3	14875468	CHR3:14875468	SSF x Far_LoA	-9,549	0,066	0,293
CHR3	14875589	CHR3:14875589	SSF x Far_LoA	-9,872	-0,065	0,286
CHR3	14875696	CHR3:14875696	SSF x Far_LoA	-10,173	0,129	0,293
CHR3	14886179	CHR3:14886179	SSF x Far_LoA	-2,365	-0,091	0,292
CHR3	14892936	CHR3:14892936	SSF x Far_LoA	-10,284	-0,014	0,293
CHR3	14897285	CHR3:14897285	SSF x Far_LoA	-8,858	-0,031	0,299
CHR3	14904025	CHR3:14904025	SSF x Far_LoA	-9,532	-0,039	0,298
CHR3	14906824	CHR3:14906824	SSF x Far_LoA	-8,796	-0,103	0,290
CHR3	14906825	CHR3:14906825	SSF x Far_LoA	-8,880	-0,096	0,277
CHR3	14906851	CHR3:14906851	SSF x Far_LoA	-4,868	0,155	0,295
CHR3	14906873	CHR3:14906873	SSF x Far_LoA	-4,722	0,166	0,288
CHR3	14922542	CHR3:14922542	SSF x Far_LoA	-10,948	0,021	0,298
CHR3	14922700	CHR3:14922700	SSF x Far_LoA	-8,915	0,143	0,292
CHR3	14922849	CHR3:14922849	SSF x Far_LoA	-8,110	-0,135	0,293
CHR3	14930853	CHR3:14930853	SSF x Far_LoA	-8,094	0,096	0,285
CHR3	14945258	CHR3:14945258	SSF x Far_LoA	-10,157	-0,011	0,300
CHR3	1494932	CHR3:1494932	SSF x Far_LoA	-10,439	-0,057	0,278
CHR3	14986142	CHR3:14986142	SSF x Far_LoA	-10,435	-0,070	0,287
CHR3	14986304	CHR3:14986304	SSF x Far_LoA	-9,902	-0,113	0,301
CHR3	14986324	CHR3:14986324	SSF x Far_LoA	-8,557	-0,130	0,271
CHR3	14986361	CHR3:14986361	SSF x Far_LoA	-10,442	0,083	0,297
CHR3	14986386	CHR3:14986386	SSF x Far_LoA	-9,984	-0,103	0,301
CHR3	14986449	CHR3:14986449	SSF x Far_LoA	-11,190	-0,002	0,294
CHR3	14997292	CHR3:14997292	SSF x Far_LoA	-8,018	0,014	0,298
CHR3	14997374	CHR3:14997374	SSF x Far_LoA	-10,694	-0,027	0,303
CHR3	14997469	CHR3:14997469	SSF x Far_LoA	-8,691	-0,105	0,289
CHR3	14997475	CHR3:14997475	SSF x Far_LoA	-10,449	0,032	0,287
CHR3	1501692	CHR3:1501692	SSF x Far_LoA	-10,798	-0,062	0,292
CHR3	15045469	CHR3:15045469	SSF x Far_LoA	-11,001	0,084	0,286
CHR3	15078621	CHR3:15078621	SSF x Far_LoA	-9,080	0,060	0,260
CHR3	15078807	CHR3:15078807	SSF x Far_LoA	-9,542	-0,123	0,287
CHR3	15082085	CHR3:15082085	SSF x Far_LoA	-9,133	-0,033	0,290
CHR3	15082132	CHR3:15082132	SSF x Far_LoA	-9,432	0,165	0,288
CHR3	15082143	CHR3:15082143	SSF x Far_LoA	-8,770	-0,032	0,294
CHR3	15082249	CHR3:15082249	SSF x Far_LoA	-9,193	0,034	0,299
CHR3	15096483	CHR3:15096483	SSF x Far_LoA	-9,574	0,003	0,301
CHR3	15096535	CHR3:15096535	SSF x Far_LoA	-11,514	-0,058	0,285
CHR3	15096593	CHR3:15096593	SSF x Far_LoA	-1,904	0,005	0,267
CHR3	15096637	CHR3:15096637	SSF x Far_LoA	-9,593	-0,056	0,291
CHR3	15096669	CHR3:15096669	SSF x Far_LoA	-11,679	0,057	0,304
CHR3	15131693	CHR3:15131693	SSF x Far_LoA	-9,509	-0,017	0,304
CHR3	15149069	CHR3:15149069	SSF x Far_LoA	-9,380	-0,051	0,289
CHR3	1556424	CHR3:1556424	SSF x Far_LoA	-7,133	-0,020	0,298
CHR3	1566063	CHR3:1566063	SSF x Far_LoA	-10,959	0,011	0,292

CHR3	1586748	CHR3:1586748	SSF x Far_LoA	-10,101	0,039	0,278
CHR3	1586981	CHR3:1586981	SSF x Far_LoA	-6,332	0,034	0,291
CHR3	1596093	CHR3:1596093	SSF x Far_LoA	-8,585	0,024	0,282
CHR3	1596189	CHR3:1596189	SSF x Far_LoA	-2,353	-0,009	0,308
CHR3	1596278	CHR3:1596278	SSF x Far_LoA	-8,858	0,043	0,279
CHR3	1596289	CHR3:1596289	SSF x Far_LoA	-10,408	0,050	0,305
CHR3	1596335	CHR3:1596335	SSF x Far_LoA	-11,355	0,036	0,291
CHR3	1596361	CHR3:1596361	SSF x Far_LoA	-8,256	0,014	0,303
CHR3	1618784	CHR3:1618784	SSF x Far_LoA	-11,454	-0,011	0,283
CHR3	1618901	CHR3:1618901	SSF x Far_LoA	-7,472	0,007	0,299
CHR3	1618915	CHR3:1618915	SSF x Far_LoA	-11,197	-0,042	0,284
CHR3	1619002	CHR3:1619002	SSF x Far_LoA	-8,597	0,029	0,298
CHR3	1619023	CHR3:1619023	SSF x Far_LoA	-9,460	0,079	0,266
CHR3	1619055	CHR3:1619055	SSF x Far_LoA	-9,770	0,077	0,283
CHR3	1619063	CHR3:1619063	SSF x Far_LoA	-8,995	-0,025	0,298
CHR3	1619126	CHR3:1619126	SSF x Far_LoA	-10,047	-0,056	0,284
CHR3	1621841	CHR3:1621841	SSF x Far_LoA	-7,293	0,089	0,302
CHR3	1621896	CHR3:1621896	SSF x Far_LoA	-7,687	-0,088	0,279
CHR3	1621925	CHR3:1621925	SSF x Far_LoA	-10,480	0,004	0,295
CHR3	1621936	CHR3:1621936	SSF x Far_LoA	-4,655	-0,156	0,291
CHR3	1622083	CHR3:1622083	SSF x Far_LoA	-8,783	-0,050	0,312
CHR3	1642338	CHR3:1642338	SSF x Far_LoA	-10,390	0,014	0,297
CHR3	1642393	CHR3:1642393	SSF x Far_LoA	-9,731	-0,038	0,287
CHR3	1642492	CHR3:1642492	SSF x Far_LoA	-9,682	0,049	0,305
CHR3	1642517	CHR3:1642517	SSF x Far_LoA	-10,328	0,031	0,292
CHR3	1642530	CHR3:1642530	SSF x Far_LoA	-9,815	0,098	0,278
CHR3	1642531	CHR3:1642531	SSF x Far_LoA	-7,391	-0,138	0,278
CHR3	1642559	CHR3:1642559	SSF x Far_LoA	-3,882	-0,207	0,273
CHR3	1642657	CHR3:1642657	SSF x Far_LoA	-10,627	0,005	0,295
CHR3	1645609	CHR3:1645609	SSF x Far_LoA	-9,343	-0,141	0,284
CHR3	1645619	CHR3:1645619	SSF x Far_LoA	-9,266	-0,085	0,298
CHR3	1656016	CHR3:1656016	SSF x Far_LoA	-5,211	-0,075	0,285
CHR3	1656327	CHR3:1656327	SSF x Far_LoA	-10,509	0,032	0,294
CHR3	1659266	CHR3:1659266	SSF x Far_LoA	-8,404	0,049	0,292
CHR3	1659267	CHR3:1659267	SSF x Far_LoA	-8,590	0,013	0,306
CHR3	1659295	CHR3:1659295	SSF x Far_LoA	-10,039	-0,023	0,304
CHR3	1659330	CHR3:1659330	SSF x Far_LoA	-8,977	-0,034	0,295
CHR3	1671709	CHR3:1671709	SSF x Far_LoA	-5,794	0,032	0,306
CHR3	1674489	CHR3:1674489	SSF x Far_LoA	-7,620	-0,172	0,286
CHR3	1674559	CHR3:1674559	SSF x Far_LoA	-10,559	0,033	0,294
CHR3	1687143	CHR3:1687143	SSF x Far_LoA	-8,405	0,072	0,278
CHR3	1687348	CHR3:1687348	SSF x Far_LoA	-8,481	-0,027	0,301
CHR3	1692469	CHR3:1692469	SSF x Far_LoA	3,491	0,056	0,302
CHR3	1692484	CHR3:1692484	SSF x Far_LoA	-8,743	-0,140	0,292
CHR3	1717239	CHR3:1717239	SSF x Far_LoA	-9,159	0,074	0,287
CHR3	1717244	CHR3:1717244	SSF x Far_LoA	-11,290	-0,023	0,306
CHR3	1717246	CHR3:1717246	SSF x Far_LoA	-7,860	0,060	0,303
CHR3	1718305	CHR3:1718305	SSF x Far_LoA	-11,104	-0,028	0,299
CHR3	1718310	CHR3:1718310	SSF x Far_LoA	-10,277	-0,010	0,312
CHR3	1720042	CHR3:1720042	SSF x Far_LoA	-9,499	0,009	0,298
CHR3	1720044	CHR3:1720044	SSF x Far_LoA	-9,626	-0,111	0,298
CHR3	1720056	CHR3:1720056	SSF x Far_LoA	-8,228	0,003	0,289
CHR3	1720057	CHR3:1720057	SSF x Far_LoA	-6,377	-0,076	0,306

CHR3	1720150	CHR3:1720150	SSF x Far_LoA	-8,644	0,040	0,317
CHR3	1720158	CHR3:1720158	SSF x Far_LoA	-9,536	0,033	0,286
CHR3	1720180	CHR3:1720180	SSF x Far_LoA	-8,873	-0,020	0,303
CHR3	17225268	CHR3:17225268	SSF x Far_LoA	-10,850	0,121	0,283
CHR3	17225361	CHR3:17225361	SSF x Far_LoA	-10,192	0,102	0,283
CHR3	17225377	CHR3:17225377	SSF x Far_LoA	-10,546	0,093	0,291
CHR3	17243391	CHR3:17243391	SSF x Far_LoA	-7,463	-0,016	0,308
CHR3	17261021	CHR3:17261021	SSF x Far_LoA	-9,034	0,032	0,297
CHR3	17340141	CHR3:17340141	SSF x Far_LoA	-9,030	-0,065	0,291
CHR3	17398766	CHR3:17398766	SSF x Far_LoA	-9,340	-0,129	0,300
CHR3	17398833	CHR3:17398833	SSF x Far_LoA	-6,562	-0,139	0,287
CHR3	17409540	CHR3:17409540	SSF x Far_LoA	-7,249	-0,096	0,281
CHR3	17409809	CHR3:17409809	SSF x Far_LoA	-8,455	-0,125	0,292
CHR3	17409841	CHR3:17409841	SSF x Far_LoA	-11,071	0,004	0,282
CHR3	17431854	CHR3:17431854	SSF x Far_LoA	-5,434	0,081	0,300
CHR3	17431998	CHR3:17431998	SSF x Far_LoA	-8,195	-0,110	0,300
CHR3	17432127	CHR3:17432127	SSF x Far_LoA	-9,968	0,119	0,268
CHR3	1743478	CHR3:1743478	SSF x Far_LoA	-7,921	0,064	0,287
CHR3	17460590	CHR3:17460590	SSF x Far_LoA	-9,719	-0,055	0,289
CHR3	17468557	CHR3:17468557	SSF x Far_LoA	-8,584	0,004	0,303
CHR3	17484719	CHR3:17484719	SSF x Far_LoA	-8,657	-0,097	0,298
CHR3	17484736	CHR3:17484736	SSF x Far_LoA	-7,932	-0,085	0,299
CHR3	17498987	CHR3:17498987	SSF x Far_LoA	-7,104	-0,025	0,298
CHR3	17522106	CHR3:17522106	SSF x Far_LoA	-5,387	-0,132	0,287
CHR3	17526232	CHR3:17526232	SSF x Far_LoA	-11,133	-0,033	0,276
CHR3	17526264	CHR3:17526264	SSF x Far_LoA	-9,494	-0,065	0,287
CHR3	17560707	CHR3:17560707	SSF x Far_LoA	-6,379	0,137	0,292
CHR3	17586546	CHR3:17586546	SSF x Far_LoA	-10,315	-0,036	0,307
CHR3	17590570	CHR3:17590570	SSF x Far_LoA	-8,472	0,197	0,294
CHR3	17594867	CHR3:17594867	SSF x Far_LoA	-9,130	0,059	0,291
CHR3	17595055	CHR3:17595055	SSF x Far_LoA	-8,447	0,049	0,285
CHR3	17629195	CHR3:17629195	SSF x Far_LoA	-10,031	-0,065	0,291
CHR3	17629196	CHR3:17629196	SSF x Far_LoA	-7,935	-0,053	0,301
CHR3	17638677	CHR3:17638677	SSF x Far_LoA	-6,869	-0,022	0,299
CHR3	17638831	CHR3:17638831	SSF x Far_LoA	-9,648	-0,053	0,303
CHR3	17643297	CHR3:17643297	SSF x Far_LoA	-10,987	0,070	0,284
CHR3	17643343	CHR3:17643343	SSF x Far_LoA	-9,048	-0,042	0,291
CHR3	17643346	CHR3:17643346	SSF x Far_LoA	-6,561	0,041	0,295
CHR3	17650710	CHR3:17650710	SSF x Far_LoA	-9,254	-0,057	0,270
CHR3	17675335	CHR3:17675335	SSF x Far_LoA	-10,460	0,098	0,291
CHR3	17675357	CHR3:17675357	SSF x Far_LoA	-8,699	0,153	0,276
CHR3	17675574	CHR3:17675574	SSF x Far_LoA	-7,681	-0,089	0,290
CHR3	17679726	CHR3:17679726	SSF x Far_LoA	-10,332	0,010	0,299
CHR3	17700072	CHR3:17700072	SSF x Far_LoA	-10,261	0,033	0,283
CHR3	17700355	CHR3:17700355	SSF x Far_LoA	-10,136	-0,018	0,301
CHR3	17700357	CHR3:17700357	SSF x Far_LoA	-11,355	-0,005	0,277
CHR3	17700363	CHR3:17700363	SSF x Far_LoA	-8,560	-0,091	0,281
CHR3	17700368	CHR3:17700368	SSF x Far_LoA	-11,162	0,052	0,281
CHR3	17715022	CHR3:17715022	SSF x Far_LoA	-7,684	-0,092	0,292
CHR3	17717456	CHR3:17717456	SSF x Far_LoA	-9,009	-0,125	0,283
CHR3	17717478	CHR3:17717478	SSF x Far_LoA	-8,920	0,015	0,296
CHR3	17717481	CHR3:17717481	SSF x Far_LoA	-8,892	-0,018	0,312
CHR3	17717520	CHR3:17717520	SSF x Far_LoA	-10,610	-0,007	0,288

CHR3	17717578	CHR3:17717578	SSF x Far_LoA	-5,792	-0,146	0,277
CHR3	17732268	CHR3:17732268	SSF x Far_LoA	-9,129	-0,007	0,291
CHR3	17732440	CHR3:17732440	SSF x Far_LoA	-9,752	0,102	0,277
CHR3	17732657	CHR3:17732657	SSF x Far_LoA	-11,660	0,067	0,287
CHR3	17732703	CHR3:17732703	SSF x Far_LoA	-7,872	0,063	0,294
CHR3	17746465	CHR3:17746465	SSF x Far_LoA	-8,012	0,064	0,293
CHR3	17746559	CHR3:17746559	SSF x Far_LoA	-9,482	-0,085	0,286
CHR3	17746571	CHR3:17746571	SSF x Far_LoA	-10,210	0,041	0,283
CHR3	17746577	CHR3:17746577	SSF x Far_LoA	-10,906	0,032	0,294
CHR3	1775982	CHR3:1775982	SSF x Far_LoA	-8,314	0,014	0,295
CHR3	1776089	CHR3:1776089	SSF x Far_LoA	-9,837	0,097	0,284
CHR3	17766204	CHR3:17766204	SSF x Far_LoA	-5,477	0,135	0,295
CHR3	17766650	CHR3:17766650	SSF x Far_LoA	-8,540	-0,101	0,297
CHR3	17843313	CHR3:17843313	SSF x Far_LoA	-11,785	0,016	0,285
CHR3	17843416	CHR3:17843416	SSF x Far_LoA	-10,416	0,051	0,290
CHR3	17843426	CHR3:17843426	SSF x Far_LoA	-11,330	0,030	0,289
CHR3	17843465	CHR3:17843465	SSF x Far_LoA	-8,637	0,121	0,289
CHR3	17856294	CHR3:17856294	SSF x Far_LoA	-0,256	-0,149	0,302
CHR3	17865809	CHR3:17865809	SSF x Far_LoA	-0,171	-0,082	0,289
CHR3	17881515	CHR3:17881515	SSF x Far_LoA	-11,054	0,098	0,289
CHR3	17881566	CHR3:17881566	SSF x Far_LoA	-9,879	-0,032	0,294
CHR3	17881669	CHR3:17881669	SSF x Far_LoA	-9,061	0,054	0,301
CHR3	17912100	CHR3:17912100	SSF x Far_LoA	-7,009	0,144	0,295
CHR3	17912125	CHR3:17912125	SSF x Far_LoA	-7,892	-0,090	0,302
CHR3	17912149	CHR3:17912149	SSF x Far_LoA	-10,843	-0,056	0,281
CHR3	17938843	CHR3:17938843	SSF x Far_LoA	-9,526	-0,014	0,296
CHR3	17938966	CHR3:17938966	SSF x Far_LoA	-11,103	0,073	0,286
CHR3	17938974	CHR3:17938974	SSF x Far_LoA	-9,192	-0,081	0,278
CHR3	17938984	CHR3:17938984	SSF x Far_LoA	-12,244	-0,036	0,292
CHR3	17939052	CHR3:17939052	SSF x Far_LoA	-9,523	-0,050	0,294
CHR3	17939072	CHR3:17939072	SSF x Far_LoA	-9,934	-0,095	0,280
CHR3	17940515	CHR3:17940515	SSF x Far_LoA	-9,331	0,074	0,301
CHR3	17952922	CHR3:17952922	SSF x Far_LoA	-7,737	-0,109	0,294
CHR3	17994281	CHR3:17994281	SSF x Far_LoA	-9,404	0,017	0,284
CHR3	17994347	CHR3:17994347	SSF x Far_LoA	-8,602	0,072	0,286
CHR3	17997653	CHR3:17997653	SSF x Far_LoA	-9,888	-0,044	0,298
CHR3	17997753	CHR3:17997753	SSF x Far_LoA	-10,382	-0,047	0,289
CHR3	18011906	CHR3:18011906	SSF x Far_LoA	-10,276	0,066	0,296
CHR3	18011973	CHR3:18011973	SSF x Far_LoA	-8,617	-0,158	0,295
CHR3	18012008	CHR3:18012008	SSF x Far_LoA	-5,970	-0,163	0,282
CHR3	18012029	CHR3:18012029	SSF x Far_LoA	-10,071	0,028	0,290
CHR3	18029232	CHR3:18029232	SSF x Far_LoA	-7,942	0,016	0,278
CHR3	18029260	CHR3:18029260	SSF x Far_LoA	-8,547	0,015	0,276
CHR3	18029263	CHR3:18029263	SSF x Far_LoA	-9,490	0,009	0,274
CHR3	18029298	CHR3:18029298	SSF x Far_LoA	-7,978	0,011	0,274
CHR3	18029335	CHR3:18029335	SSF x Far_LoA	-8,625	-0,013	0,282
CHR3	18029352	CHR3:18029352	SSF x Far_LoA	-8,811	0,088	0,293
CHR3	18062418	CHR3:18062418	SSF x Far_LoA	-6,806	0,099	0,287
CHR3	18062890	CHR3:18062890	SSF x Far_LoA	-9,055	0,177	0,278
CHR3	18076917	CHR3:18076917	SSF x Far_LoA	-10,989	0,046	0,282
CHR3	18076934	CHR3:18076934	SSF x Far_LoA	-7,629	-0,142	0,281
CHR3	18080016	CHR3:18080016	SSF x Far_LoA	-5,856	-0,104	0,273
CHR3	18080022	CHR3:18080022	SSF x Far_LoA	-6,133	0,017	0,296

CHR3	18080238	CHR3:18080238	SSF x Far_LoA	-12,216	-0,066	0,290
CHR3	18097785	CHR3:18097785	SSF x Far_LoA	-10,421	0,135	0,300
CHR3	18097836	CHR3:18097836	SSF x Far_LoA	-10,134	0,088	0,288
CHR3	18098024	CHR3:18098024	SSF x Far_LoA	-11,202	-0,082	0,276
CHR3	18108100	CHR3:18108100	SSF x Far_LoA	-11,426	0,046	0,279
CHR3	18124645	CHR3:18124645	SSF x Far_LoA	-9,396	-0,018	0,289
CHR3	18130340	CHR3:18130340	SSF x Far_LoA	-11,239	0,072	0,304
CHR3	18142571	CHR3:18142571	SSF x Far_LoA	-9,673	-0,154	0,295
CHR3	18142586	CHR3:18142586	SSF x Far_LoA	-7,091	0,145	0,277
CHR3	18143442	CHR3:18143442	SSF x Far_LoA	-8,491	0,000	0,286
CHR3	18143528	CHR3:18143528	SSF x Far_LoA	-4,680	-0,038	0,280
CHR3	18147438	CHR3:18147438	SSF x Far_LoA	-11,371	-0,079	0,293
CHR3	18147530	CHR3:18147530	SSF x Far_LoA	-9,511	0,039	0,278
CHR3	18147568	CHR3:18147568	SSF x Far_LoA	-9,495	0,067	0,280
CHR3	18147595	CHR3:18147595	SSF x Far_LoA	-11,376	0,068	0,301
CHR3	18147607	CHR3:18147607	SSF x Far_LoA	-9,061	-0,064	0,296
CHR3	18149305	CHR3:18149305	SSF x Far_LoA	-8,725	0,051	0,289
CHR3	18151842	CHR3:18151842	SSF x Far_LoA	-7,751	0,196	0,297
CHR3	18151859	CHR3:18151859	SSF x Far_LoA	-8,208	0,177	0,278
CHR3	18151889	CHR3:18151889	SSF x Far_LoA	-6,997	-0,076	0,299
CHR3	18165159	CHR3:18165159	SSF x Far_LoA	-10,147	-0,015	0,269
CHR3	18165206	CHR3:18165206	SSF x Far_LoA	-8,856	0,040	0,296
CHR3	18176718	CHR3:18176718	SSF x Far_LoA	-7,940	-0,125	0,278
CHR3	18200614	CHR3:18200614	SSF x Far_LoA	-8,876	-0,063	0,292
CHR3	18200812	CHR3:18200812	SSF x Far_LoA	-8,944	-0,051	0,297
CHR3	18206816	CHR3:18206816	SSF x Far_LoA	-10,605	0,019	0,282
CHR3	18206936	CHR3:18206936	SSF x Far_LoA	-8,752	-0,062	0,298
CHR3	18212907	CHR3:18212907	SSF x Far_LoA	-7,975	0,169	0,279
CHR3	18248999	CHR3:18248999	SSF x Far_LoA	-9,730	0,107	0,281
CHR3	18328571	CHR3:18328571	SSF x Far_LoA	-9,906	0,028	0,306
CHR3	18342358	CHR3:18342358	SSF x Far_LoA	-11,831	-0,042	0,287
CHR3	18342486	CHR3:18342486	SSF x Far_LoA	-9,455	-0,001	0,304
CHR3	18342534	CHR3:18342534	SSF x Far_LoA	-5,497	0,009	0,298
CHR3	18344204	CHR3:18344204	SSF x Far_LoA	-9,830	0,058	0,302
CHR3	18344227	CHR3:18344227	SSF x Far_LoA	-7,682	0,058	0,312
CHR3	18387370	CHR3:18387370	SSF x Far_LoA	-7,812	0,024	0,306
CHR3	18397082	CHR3:18397082	SSF x Far_LoA	-11,224	0,028	0,311
CHR3	18397094	CHR3:18397094	SSF x Far_LoA	-9,110	-0,035	0,295
CHR3	18397324	CHR3:18397324	SSF x Far_LoA	-8,574	-0,021	0,300
CHR3	18397468	CHR3:18397468	SSF x Far_LoA	-10,296	0,034	0,286
CHR3	18413884	CHR3:18413884	SSF x Far_LoA	-7,868	-0,178	0,280
CHR3	18413910	CHR3:18413910	SSF x Far_LoA	-9,863	0,186	0,273
CHR3	18420513	CHR3:18420513	SSF x Far_LoA	-3,946	-0,124	0,297
CHR3	18422693	CHR3:18422693	SSF x Far_LoA	-9,045	0,041	0,307
CHR3	18422700	CHR3:18422700	SSF x Far_LoA	-7,877	-0,034	0,272
CHR3	18422766	CHR3:18422766	SSF x Far_LoA	-10,724	-0,019	0,293
CHR3	18425111	CHR3:18425111	SSF x Far_LoA	-9,221	0,032	0,286
CHR3	18437548	CHR3:18437548	SSF x Far_LoA	-9,819	0,103	0,294
CHR3	18437550	CHR3:18437550	SSF x Far_LoA	-8,901	-0,021	0,300
CHR3	18437784	CHR3:18437784	SSF x Far_LoA	-11,407	-0,073	0,269
CHR3	18472520	CHR3:18472520	SSF x Far_LoA	-8,949	-0,031	0,287
CHR3	18472535	CHR3:18472535	SSF x Far_LoA	-8,876	0,118	0,281
CHR3	18472985	CHR3:18472985	SSF x Far_LoA	-12,132	0,061	0,281

CHR3	18473705	CHR3:18473705	SSF x Far_LoA	-11,228	0,012	0,284
CHR3	18490263	CHR3:18490263	SSF x Far_LoA	-4,649	-0,050	0,291
CHR3	18497150	CHR3:18497150	SSF x Far_LoA	-9,211	-0,091	0,291
CHR3	18497296	CHR3:18497296	SSF x Far_LoA	-8,938	-0,066	0,282
CHR3	18502286	CHR3:18502286	SSF x Far_LoA	-9,283	0,067	0,294
CHR3	18511025	CHR3:18511025	SSF x Far_LoA	3,692	-0,061	0,292
CHR3	18511046	CHR3:18511046	SSF x Far_LoA	-11,057	0,048	0,290
CHR3	18511058	CHR3:18511058	SSF x Far_LoA	-10,459	-0,043	0,281
CHR3	18511131	CHR3:18511131	SSF x Far_LoA	-7,395	0,001	0,295
CHR3	18513474	CHR3:18513474	SSF x Far_LoA	-5,951	0,018	0,297
CHR3	18513519	CHR3:18513519	SSF x Far_LoA	-9,814	-0,081	0,290
CHR3	18574135	CHR3:18574135	SSF x Far_LoA	-8,760	0,098	0,289
CHR3	18584659	CHR3:18584659	SSF x Far_LoA	-5,491	0,105	0,292
CHR3	18584675	CHR3:18584675	SSF x Far_LoA	-10,864	-0,060	0,293
CHR3	18589154	CHR3:18589154	SSF x Far_LoA	-10,645	0,086	0,280
CHR3	18589209	CHR3:18589209	SSF x Far_LoA	-8,554	0,021	0,287
CHR3	18592705	CHR3:18592705	SSF x Far_LoA	-5,740	0,005	0,297
CHR3	18596892	CHR3:18596892	SSF x Far_LoA	-10,401	-0,057	0,291
CHR3	18604365	CHR3:18604365	SSF x Far_LoA	-9,107	0,031	0,284
CHR3	18604398	CHR3:18604398	SSF x Far_LoA	-8,596	-0,012	0,291
CHR3	1860481	CHR3:1860481	SSF x Far_LoA	-9,362	-0,035	0,263
CHR3	18613710	CHR3:18613710	SSF x Far_LoA	-8,936	0,000	0,298
CHR3	18613720	CHR3:18613720	SSF x Far_LoA	-10,357	0,001	0,293
CHR3	18613775	CHR3:18613775	SSF x Far_LoA	-9,882	0,185	0,274
CHR3	18627695	CHR3:18627695	SSF x Far_LoA	-11,106	0,084	0,292
CHR3	18627729	CHR3:18627729	SSF x Far_LoA	-10,304	0,096	0,286
CHR3	18636943	CHR3:18636943	SSF x Far_LoA	-8,462	0,050	0,283
CHR3	18636945	CHR3:18636945	SSF x Far_LoA	-9,011	0,071	0,295
CHR3	18637374	CHR3:18637374	SSF x Far_LoA	-9,923	-0,019	0,298
CHR3	18637397	CHR3:18637397	SSF x Far_LoA	-9,783	0,059	0,286
CHR3	18637430	CHR3:18637430	SSF x Far_LoA	-7,183	-0,123	0,297
CHR3	18662824	CHR3:18662824	SSF x Far_LoA	-4,306	0,040	0,289
CHR3	18675807	CHR3:18675807	SSF x Far_LoA	-6,280	-0,052	0,293
CHR3	18685821	CHR3:18685821	SSF x Far_LoA	-11,159	-0,069	0,286
CHR3	18685949	CHR3:18685949	SSF x Far_LoA	-9,086	-0,090	0,286
CHR3	18687467	CHR3:18687467	SSF x Far_LoA	-9,364	0,129	0,289
CHR3	18687497	CHR3:18687497	SSF x Far_LoA	-8,658	0,001	0,284
CHR3	18687507	CHR3:18687507	SSF x Far_LoA	-3,896	-0,056	0,286
CHR3	18687527	CHR3:18687527	SSF x Far_LoA	-8,674	0,111	0,293
CHR3	18702910	CHR3:18702910	SSF x Far_LoA	-11,663	0,080	0,279
CHR3	18720804	CHR3:18720804	SSF x Far_LoA	-6,832	0,174	0,268
CHR3	18720885	CHR3:18720885	SSF x Far_LoA	-4,079	0,186	0,275
CHR3	18723732	CHR3:18723732	SSF x Far_LoA	-11,047	-0,070	0,302
CHR3	18723775	CHR3:18723775	SSF x Far_LoA	-8,708	0,068	0,284
CHR3	18723869	CHR3:18723869	SSF x Far_LoA	-10,844	0,048	0,301
CHR3	18729777	CHR3:18729777	SSF x Far_LoA	-8,638	-0,107	0,292
CHR3	1873525	CHR3:1873525	SSF x Far_LoA	-7,530	0,126	0,295
CHR3	1873614	CHR3:1873614	SSF x Far_LoA	-11,887	-0,008	0,287
CHR3	1873620	CHR3:1873620	SSF x Far_LoA	-7,560	-0,033	0,302
CHR3	1873740	CHR3:1873740	SSF x Far_LoA	-8,971	-0,086	0,297
CHR3	18737420	CHR3:18737420	SSF x Far_LoA	-11,317	0,061	0,286
CHR3	18737421	CHR3:18737421	SSF x Far_LoA	-10,138	0,046	0,289
CHR3	18738380	CHR3:18738380	SSF x Far_LoA	-11,069	0,037	0,288

CHR3	18757808	CHR3:18757808	SSF x Far_LoA	-4,036	-0,205	0,279
CHR3	18757839	CHR3:18757839	SSF x Far_LoA	-9,535	0,058	0,298
CHR3	18757905	CHR3:18757905	SSF x Far_LoA	-10,861	0,057	0,290
CHR3	18757925	CHR3:18757925	SSF x Far_LoA	-10,885	0,074	0,297
CHR3	18757926	CHR3:18757926	SSF x Far_LoA	-10,622	0,045	0,285
CHR3	18758018	CHR3:18758018	SSF x Far_LoA	-10,418	0,089	0,285
CHR3	18758021	CHR3:18758021	SSF x Far_LoA	-5,197	0,099	0,278
CHR3	18758065	CHR3:18758065	SSF x Far_LoA	-9,980	0,056	0,289
CHR3	18758150	CHR3:18758150	SSF x Far_LoA	-6,661	-0,033	0,296
CHR3	18758162	CHR3:18758162	SSF x Far_LoA	-9,372	0,077	0,289
CHR3	18758189	CHR3:18758189	SSF x Far_LoA	-10,219	0,086	0,293
CHR3	18760462	CHR3:18760462	SSF x Far_LoA	-8,951	0,014	0,309
CHR3	18760495	CHR3:18760495	SSF x Far_LoA	-10,483	0,013	0,289
CHR3	18763410	CHR3:18763410	SSF x Far_LoA	-9,879	0,002	0,297
CHR3	18763422	CHR3:18763422	SSF x Far_LoA	-9,863	-0,096	0,283
CHR3	18763477	CHR3:18763477	SSF x Far_LoA	-11,588	0,045	0,273
CHR3	18763519	CHR3:18763519	SSF x Far_LoA	-9,059	-0,015	0,297
CHR3	18773989	CHR3:18773989	SSF x Far_LoA	-9,066	0,117	0,297
CHR3	18774093	CHR3:18774093	SSF x Far_LoA	-0,346	0,122	0,282
CHR3	1877802	CHR3:1877802	SSF x Far_LoA	-1,347	-0,179	0,284
CHR3	1877824	CHR3:1877824	SSF x Far_LoA	-7,759	0,088	0,295
CHR3	1877850	CHR3:1877850	SSF x Far_LoA	-10,356	-0,096	0,298
CHR3	1877863	CHR3:1877863	SSF x Far_LoA	-6,850	0,119	0,271
CHR3	1877865	CHR3:1877865	SSF x Far_LoA	-7,701	0,093	0,278
CHR3	1877872	CHR3:1877872	SSF x Far_LoA	-8,581	0,048	0,303
CHR3	1878064	CHR3:1878064	SSF x Far_LoA	-10,005	0,043	0,298
CHR3	1878107	CHR3:1878107	SSF x Far_LoA	-8,205	-0,129	0,278
CHR3	1878144	CHR3:1878144	SSF x Far_LoA	-2,415	0,170	0,289
CHR3	1879510	CHR3:1879510	SSF x Far_LoA	-6,127	0,056	0,294
CHR3	18799089	CHR3:18799089	SSF x Far_LoA	-10,808	0,076	0,296
CHR3	18799137	CHR3:18799137	SSF x Far_LoA	-8,522	0,107	0,290
CHR3	18799188	CHR3:18799188	SSF x Far_LoA	-9,528	-0,134	0,283
CHR3	18799253	CHR3:18799253	SSF x Far_LoA	-8,830	-0,067	0,296
CHR3	18799297	CHR3:18799297	SSF x Far_LoA	-8,809	-0,062	0,309
CHR3	18814971	CHR3:18814971	SSF x Far_LoA	-8,340	-0,030	0,292
CHR3	18815117	CHR3:18815117	SSF x Far_LoA	-6,792	0,162	0,290
CHR3	18831145	CHR3:18831145	SSF x Far_LoA	-11,175	-0,002	0,288
CHR3	18831531	CHR3:18831531	SSF x Far_LoA	-5,049	-0,213	0,283
CHR3	18831549	CHR3:18831549	SSF x Far_LoA	-8,495	0,033	0,294
CHR3	18849684	CHR3:18849684	SSF x Far_LoA	-8,864	-0,032	0,292
CHR3	18849882	CHR3:18849882	SSF x Far_LoA	-9,284	0,034	0,295
CHR3	18849901	CHR3:18849901	SSF x Far_LoA	-8,794	-0,088	0,297
CHR3	18849919	CHR3:18849919	SSF x Far_LoA	-6,174	0,119	0,289
CHR3	18849947	CHR3:18849947	SSF x Far_LoA	-5,325	0,183	0,274
CHR3	18849952	CHR3:18849952	SSF x Far_LoA	-11,147	0,049	0,288
CHR3	18883103	CHR3:18883103	SSF x Far_LoA	-5,258	0,068	0,300
CHR3	18883196	CHR3:18883196	SSF x Far_LoA	-8,790	0,013	0,289
CHR3	18905533	CHR3:18905533	SSF x Far_LoA	-9,349	-0,015	0,286
CHR3	18905609	CHR3:18905609	SSF x Far_LoA	-7,962	-0,004	0,286
CHR3	18905657	CHR3:18905657	SSF x Far_LoA	-7,445	0,040	0,288
CHR3	18905811	CHR3:18905811	SSF x Far_LoA	-8,962	-0,033	0,295
CHR3	18905840	CHR3:18905840	SSF x Far_LoA	-12,305	0,009	0,294
CHR3	18905853	CHR3:18905853	SSF x Far_LoA	-6,526	0,090	0,306

CHR3	18930948	CHR3:18930948	SSF x Far_LoA	-8,714	-0,020	0,288
CHR3	18931019	CHR3:18931019	SSF x Far_LoA	-9,211	0,027	0,266
CHR3	18931022	CHR3:18931022	SSF x Far_LoA	-8,786	0,034	0,279
CHR3	18932641	CHR3:18932641	SSF x Far_LoA	-9,109	0,095	0,284
CHR3	18932709	CHR3:18932709	SSF x Far_LoA	-11,772	-0,049	0,282
CHR3	18949010	CHR3:18949010	SSF x Far_LoA	-2,089	-0,136	0,289
CHR3	18949122	CHR3:18949122	SSF x Far_LoA	-6,788	0,155	0,288
CHR3	18975187	CHR3:18975187	SSF x Far_LoA	-6,570	-0,126	0,289
CHR3	18978728	CHR3:18978728	SSF x Far_LoA	-7,832	0,062	0,300
CHR3	18994484	CHR3:18994484	SSF x Far_LoA	-10,783	-0,072	0,282
CHR3	18996288	CHR3:18996288	SSF x Far_LoA	-9,108	-0,032	0,297
CHR3	18996289	CHR3:18996289	SSF x Far_LoA	-7,205	0,014	0,304
CHR3	19000609	CHR3:19000609	SSF x Far_LoA	-6,757	0,150	0,292
CHR3	19017596	CHR3:19017596	SSF x Far_LoA	-12,003	-0,010	0,304
CHR3	19017689	CHR3:19017689	SSF x Far_LoA	-9,594	-0,018	0,290
CHR3	19017731	CHR3:19017731	SSF x Far_LoA	-7,412	0,070	0,281
CHR3	19017733	CHR3:19017733	SSF x Far_LoA	-10,701	-0,001	0,271
CHR3	19017753	CHR3:19017753	SSF x Far_LoA	-9,196	-0,043	0,274
CHR3	19017907	CHR3:19017907	SSF x Far_LoA	-9,079	0,002	0,305
CHR3	19018003	CHR3:19018003	SSF x Far_LoA	-10,100	0,011	0,300
CHR3	19050357	CHR3:19050357	SSF x Far_LoA	-5,349	-0,086	0,296
CHR3	19050433	CHR3:19050433	SSF x Far_LoA	-7,451	0,025	0,287
CHR3	19050444	CHR3:19050444	SSF x Far_LoA	-11,978	-0,016	0,278
CHR3	19060107	CHR3:19060107	SSF x Far_LoA	-10,460	0,045	0,295
CHR3	19060257	CHR3:19060257	SSF x Far_LoA	-11,584	0,024	0,286
CHR3	19078421	CHR3:19078421	SSF x Far_LoA	-8,448	-0,116	0,281
CHR3	19081671	CHR3:19081671	SSF x Far_LoA	-2,860	0,034	0,291
CHR3	19086544	CHR3:19086544	SSF x Far_LoA	-9,002	-0,007	0,308
CHR3	19119874	CHR3:19119874	SSF x Far_LoA	-8,709	-0,070	0,296
CHR3	19120079	CHR3:19120079	SSF x Far_LoA	-3,221	0,031	0,290
CHR3	19120088	CHR3:19120088	SSF x Far_LoA	-7,832	-0,013	0,297
CHR3	19120091	CHR3:19120091	SSF x Far_LoA	-8,730	0,107	0,283
CHR3	19133892	CHR3:19133892	SSF x Far_LoA	-10,917	0,145	0,282
CHR3	19133951	CHR3:19133951	SSF x Far_LoA	-9,552	0,046	0,273
CHR3	19141092	CHR3:19141092	SSF x Far_LoA	-8,097	0,012	0,298
CHR3	19141179	CHR3:19141179	SSF x Far_LoA	-3,795	-0,217	0,277
CHR3	19151513	CHR3:19151513	SSF x Far_LoA	-8,177	-0,049	0,298
CHR3	19162433	CHR3:19162433	SSF x Far_LoA	-9,994	-0,121	0,277
CHR3	19178469	CHR3:19178469	SSF x Far_LoA	-8,276	-0,026	0,286
CHR3	19178498	CHR3:19178498	SSF x Far_LoA	-8,177	-0,017	0,284
CHR3	19178567	CHR3:19178567	SSF x Far_LoA	-11,576	-0,049	0,291
CHR3	19178681	CHR3:19178681	SSF x Far_LoA	-10,767	-0,102	0,288
CHR3	19178839	CHR3:19178839	SSF x Far_LoA	-8,332	-0,083	0,309
CHR3	19178840	CHR3:19178840	SSF x Far_LoA	-9,111	-0,089	0,296
CHR3	19188470	CHR3:19188470	SSF x Far_LoA	-10,033	-0,073	0,324
CHR3	19188551	CHR3:19188551	SSF x Far_LoA	-10,435	0,084	0,293
CHR3	19188556	CHR3:19188556	SSF x Far_LoA	-9,895	-0,021	0,299
CHR3	19188570	CHR3:19188570	SSF x Far_LoA	-9,553	-0,052	0,277
CHR3	19192684	CHR3:19192684	SSF x Far_LoA	-9,946	-0,070	0,289
CHR3	19192778	CHR3:19192778	SSF x Far_LoA	-7,364	0,110	0,291
CHR3	19192816	CHR3:19192816	SSF x Far_LoA	-8,753	-0,015	0,306
CHR3	19192998	CHR3:19192998	SSF x Far_LoA	-7,289	-0,117	0,293
CHR3	19197807	CHR3:19197807	SSF x Far_LoA	-9,089	-0,025	0,289

CHR3	19197820	CHR3:19197820	SSF x Far_LoA	-8,499	-0,075	0,293
CHR3	19198057	CHR3:19198057	SSF x Far_LoA	-11,968	0,066	0,284
CHR3	19212522	CHR3:19212522	SSF x Far_LoA	-7,855	-0,125	0,286
CHR3	19212600	CHR3:19212600	SSF x Far_LoA	-10,499	-0,047	0,289
CHR3	1922691	CHR3:1922691	SSF x Far_LoA	-11,683	0,101	0,292
CHR3	19239797	CHR3:19239797	SSF x Far_LoA	-9,094	-0,009	0,293
CHR3	19239967	CHR3:19239967	SSF x Far_LoA	-6,854	0,038	0,285
CHR3	19247164	CHR3:19247164	SSF x Far_LoA	-10,271	0,018	0,276
CHR3	19247195	CHR3:19247195	SSF x Far_LoA	-9,532	0,038	0,286
CHR3	19247272	CHR3:19247272	SSF x Far_LoA	-10,553	-0,046	0,290
CHR3	19247411	CHR3:19247411	SSF x Far_LoA	-10,032	0,011	0,298
CHR3	19247477	CHR3:19247477	SSF x Far_LoA	-12,047	0,143	0,274
CHR3	19247511	CHR3:19247511	SSF x Far_LoA	-9,925	0,071	0,292
CHR3	19247542	CHR3:19247542	SSF x Far_LoA	-10,231	-0,045	0,300
CHR3	19254161	CHR3:19254161	SSF x Far_LoA	-9,454	-0,027	0,295
CHR3	19254248	CHR3:19254248	SSF x Far_LoA	-8,067	-0,063	0,303
CHR3	19254289	CHR3:19254289	SSF x Far_LoA	-7,211	-0,153	0,298
CHR3	19259937	CHR3:19259937	SSF x Far_LoA	-10,070	-0,049	0,295
CHR3	19259994	CHR3:19259994	SSF x Far_LoA	-7,009	-0,060	0,301
CHR3	19260145	CHR3:19260145	SSF x Far_LoA	-7,947	-0,120	0,286
CHR3	19260159	CHR3:19260159	SSF x Far_LoA	-10,272	0,033	0,291
CHR3	19260169	CHR3:19260169	SSF x Far_LoA	-9,714	0,145	0,292
CHR3	19260231	CHR3:19260231	SSF x Far_LoA	-8,312	0,030	0,290
CHR3	19271300	CHR3:19271300	SSF x Far_LoA	-4,883	0,041	0,288
CHR3	19275239	CHR3:19275239	SSF x Far_LoA	-8,460	-0,041	0,298
CHR3	19281759	CHR3:19281759	SSF x Far_LoA	-10,264	-0,109	0,287
CHR3	1930663	CHR3:1930663	SSF x Far_LoA	-9,400	-0,100	0,293
CHR3	19381245	CHR3:19381245	SSF x Far_LoA	-9,714	0,047	0,302
CHR3	1940748	CHR3:1940748	SSF x Far_LoA	-8,067	0,011	0,288
CHR3	1940777	CHR3:1940777	SSF x Far_LoA	-9,281	0,013	0,292
CHR3	1940819	CHR3:1940819	SSF x Far_LoA	-11,261	-0,033	0,273
CHR3	1940872	CHR3:1940872	SSF x Far_LoA	-9,703	0,037	0,291
CHR3	1946352	CHR3:1946352	SSF x Far_LoA	-9,889	-0,064	0,296
CHR3	1946363	CHR3:1946363	SSF x Far_LoA	-8,880	0,177	0,283
CHR3	1946387	CHR3:1946387	SSF x Far_LoA	-9,123	-0,012	0,287
CHR3	1949108	CHR3:1949108	SSF x Far_LoA	-7,481	0,109	0,279
CHR3	1949151	CHR3:1949151	SSF x Far_LoA	-6,286	-0,143	0,278
CHR3	1949165	CHR3:1949165	SSF x Far_LoA	-7,118	0,208	0,270
CHR3	1949266	CHR3:1949266	SSF x Far_LoA	-9,456	0,026	0,296
CHR3	1950943	CHR3:1950943	SSF x Far_LoA	-3,570	-0,200	0,282
CHR3	1950960	CHR3:1950960	SSF x Far_LoA	-10,401	0,053	0,298
CHR3	1951019	CHR3:1951019	SSF x Far_LoA	-11,323	0,022	0,296
CHR3	2005851	CHR3:2005851	SSF x Far_LoA	-8,702	0,078	0,260
CHR3	2005894	CHR3:2005894	SSF x Far_LoA	-11,233	-0,004	0,285
CHR3	2005985	CHR3:2005985	SSF x Far_LoA	-10,605	-0,023	0,292
CHR3	2014183	CHR3:2014183	SSF x Far_LoA	-9,708	-0,066	0,301
CHR3	2014209	CHR3:2014209	SSF x Far_LoA	-12,214	-0,003	0,283
CHR3	2014235	CHR3:2014235	SSF x Far_LoA	-9,869	0,031	0,291
CHR3	2014272	CHR3:2014272	SSF x Far_LoA	-8,677	0,000	0,299
CHR3	2014367	CHR3:2014367	SSF x Far_LoA	-6,360	-0,115	0,291
CHR3	2014388	CHR3:2014388	SSF x Far_LoA	-8,434	-0,048	0,288
CHR3	2014405	CHR3:2014405	SSF x Far_LoA	-10,116	0,013	0,299
CHR3	2014428	CHR3:2014428	SSF x Far_LoA	-10,793	0,037	0,281

CHR3	2014438	CHR3:2014438	SSF x Far_LoA	-12,074	0,024	0,291
CHR3	2023216	CHR3:2023216	SSF x Far_LoA	-10,183	0,007	0,304
CHR3	2023449	CHR3:2023449	SSF x Far_LoA	-9,714	-0,014	0,299
CHR3	2024435	CHR3:2024435	SSF x Far_LoA	-10,209	-0,017	0,273
CHR3	2024497	CHR3:2024497	SSF x Far_LoA	-10,844	0,030	0,285
CHR3	2026049	CHR3:2026049	SSF x Far_LoA	-12,122	-0,093	0,280
CHR3	2050445	CHR3:2050445	SSF x Far_LoA	-7,802	-0,055	0,290
CHR3	2050755	CHR3:2050755	SSF x Far_LoA	-7,554	-0,036	0,292
CHR3	2103187	CHR3:2103187	SSF x Far_LoA	-8,947	0,177	0,292
CHR3	2103197	CHR3:2103197	SSF x Far_LoA	-10,539	0,157	0,292
CHR3	2104840	CHR3:2104840	SSF x Far_LoA	-11,535	0,026	0,290
CHR3	2142880	CHR3:2142880	SSF x Far_LoA	-10,315	0,143	0,282
CHR3	2142889	CHR3:2142889	SSF x Far_LoA	-6,997	-0,150	0,272
CHR3	2142902	CHR3:2142902	SSF x Far_LoA	-8,040	0,032	0,300
CHR3	2142953	CHR3:2142953	SSF x Far_LoA	-6,669	0,138	0,297
CHR3	2142963	CHR3:2142963	SSF x Far_LoA	-6,913	0,135	0,288
CHR3	2142964	CHR3:2142964	SSF x Far_LoA	0,290	0,131	0,285
CHR3	2142989	CHR3:2142989	SSF x Far_LoA	-7,403	0,126	0,290
CHR3	2144775	CHR3:2144775	SSF x Far_LoA	-7,909	-0,034	0,294
CHR3	2144828	CHR3:2144828	SSF x Far_LoA	-10,173	-0,038	0,284
CHR3	2144855	CHR3:2144855	SSF x Far_LoA	-9,480	-0,007	0,303
CHR3	2144875	CHR3:2144875	SSF x Far_LoA	-11,050	-0,051	0,284
CHR3	2144920	CHR3:2144920	SSF x Far_LoA	-10,879	-0,025	0,291
CHR3	2144971	CHR3:2144971	SSF x Far_LoA	-8,175	-0,059	0,294
CHR3	2160733	CHR3:2160733	SSF x Far_LoA	-7,845	0,069	0,295
CHR3	2160764	CHR3:2160764	SSF x Far_LoA	-9,877	0,057	0,301
CHR3	2160968	CHR3:2160968	SSF x Far_LoA	-11,250	0,057	0,298
CHR3	2161025	CHR3:2161025	SSF x Far_LoA	-10,325	0,017	0,277
CHR3	2161064	CHR3:2161064	SSF x Far_LoA	-10,430	0,041	0,288
CHR3	2161109	CHR3:2161109	SSF x Far_LoA	-8,580	-0,097	0,296
CHR3	2167250	CHR3:2167250	SSF x Far_LoA	-4,963	-0,126	0,286
CHR3	2167265	CHR3:2167265	SSF x Far_LoA	-11,954	0,017	0,304
CHR3	2167408	CHR3:2167408	SSF x Far_LoA	-4,572	0,235	0,280
CHR3	2168246	CHR3:2168246	SSF x Far_LoA	-9,684	-0,085	0,279
CHR3	2177221	CHR3:2177221	SSF x Far_LoA	-9,662	-0,088	0,298
CHR3	2177275	CHR3:2177275	SSF x Far_LoA	-9,193	0,003	0,303
CHR3	2177326	CHR3:2177326	SSF x Far_LoA	-11,324	0,025	0,290
CHR3	2177627	CHR3:2177627	SSF x Far_LoA	-10,192	0,004	0,284
CHR3	2177637	CHR3:2177637	SSF x Far_LoA	-8,290	0,015	0,280
CHR3	2177643	CHR3:2177643	SSF x Far_LoA	-8,347	-0,023	0,278
CHR3	2177745	CHR3:2177745	SSF x Far_LoA	-10,885	0,030	0,307
CHR3	2177765	CHR3:2177765	SSF x Far_LoA	-11,767	-0,003	0,291
CHR3	2189020	CHR3:2189020	SSF x Far_LoA	-8,577	0,015	0,291
CHR3	2189064	CHR3:2189064	SSF x Far_LoA	-4,327	0,009	0,282
CHR3	2191304	CHR3:2191304	SSF x Far_LoA	-7,118	0,098	0,288
CHR3	2198777	CHR3:2198777	SSF x Far_LoA	-10,347	-0,069	0,296
CHR3	2198916	CHR3:2198916	SSF x Far_LoA	-10,748	0,035	0,295
CHR3	2202112	CHR3:2202112	SSF x Far_LoA	-11,269	-0,060	0,289
CHR3	2202131	CHR3:2202131	SSF x Far_LoA	-10,857	-0,039	0,296
CHR3	2203163	CHR3:2203163	SSF x Far_LoA	-10,096	0,066	0,282
CHR3	2205311	CHR3:2205311	SSF x Far_LoA	-10,016	0,100	0,284
CHR3	2205477	CHR3:2205477	SSF x Far_LoA	-11,551	-0,059	0,274
CHR3	2212442	CHR3:2212442	SSF x Far_LoA	-10,137	0,029	0,282

CHR3	2216444	CHR3:2216444	SSF x Far_LoA	-9,215	0,042	0,276
CHR3	2216513	CHR3:2216513	SSF x Far_LoA	-10,183	0,004	0,305
CHR3	2216568	CHR3:2216568	SSF x Far_LoA	-9,185	-0,106	0,281
CHR3	2216623	CHR3:2216623	SSF x Far_LoA	-9,897	-0,142	0,280
CHR3	2222792	CHR3:2222792	SSF x Far_LoA	-7,617	0,097	0,286
CHR3	2222911	CHR3:2222911	SSF x Far_LoA	-11,120	-0,028	0,289
CHR3	2223307	CHR3:2223307	SSF x Far_LoA	-8,188	-0,001	0,269
CHR3	2223391	CHR3:2223391	SSF x Far_LoA	-8,269	-0,099	0,283
CHR3	2223396	CHR3:2223396	SSF x Far_LoA	-10,044	-0,104	0,288
CHR3	2226977	CHR3:2226977	SSF x Far_LoA	-10,378	0,022	0,297
CHR3	2227205	CHR3:2227205	SSF x Far_LoA	-9,106	0,054	0,290
CHR3	2251710	CHR3:2251710	SSF x Far_LoA	-10,199	-0,019	0,298
CHR3	2251824	CHR3:2251824	SSF x Far_LoA	-8,355	0,069	0,290
CHR3	2251841	CHR3:2251841	SSF x Far_LoA	-8,732	0,095	0,283
CHR3	2251842	CHR3:2251842	SSF x Far_LoA	-8,139	0,102	0,278
CHR3	2251871	CHR3:2251871	SSF x Far_LoA	-6,525	0,042	0,284
CHR3	2251886	CHR3:2251886	SSF x Far_LoA	-4,154	0,046	0,290
CHR3	2251898	CHR3:2251898	SSF x Far_LoA	-7,179	-0,135	0,291
CHR3	2284910	CHR3:2284910	SSF x Far_LoA	-11,222	0,089	0,293
CHR3	2285005	CHR3:2285005	SSF x Far_LoA	-5,620	0,062	0,292
CHR3	2285020	CHR3:2285020	SSF x Far_LoA	-9,270	0,096	0,288
CHR3	2285076	CHR3:2285076	SSF x Far_LoA	-8,072	0,106	0,280
CHR3	2285165	CHR3:2285165	SSF x Far_LoA	-8,836	0,105	0,288
CHR3	2329484	CHR3:2329484	SSF x Far_LoA	-9,909	-0,048	0,302
CHR3	2329568	CHR3:2329568	SSF x Far_LoA	-10,589	-0,053	0,290
CHR3	2329812	CHR3:2329812	SSF x Far_LoA	-7,132	0,005	0,306
CHR3	2336160	CHR3:2336160	SSF x Far_LoA	-10,188	0,003	0,279
CHR3	2336185	CHR3:2336185	SSF x Far_LoA	-7,579	0,075	0,293
CHR3	2336301	CHR3:2336301	SSF x Far_LoA	-0,059	-0,192	0,267
CHR3	2358709	CHR3:2358709	SSF x Far_LoA	-8,730	0,062	0,281
CHR3	2358766	CHR3:2358766	SSF x Far_LoA	-8,894	-0,076	0,275
CHR3	2358794	CHR3:2358794	SSF x Far_LoA	-5,994	-0,062	0,284
CHR3	2358812	CHR3:2358812	SSF x Far_LoA	-7,438	-0,089	0,286
CHR3	2358915	CHR3:2358915	SSF x Far_LoA	-8,782	-0,161	0,284
CHR3	2359018	CHR3:2359018	SSF x Far_LoA	-9,362	-0,001	0,298
CHR3	2376689	CHR3:2376689	SSF x Far_LoA	-11,086	-0,017	0,287
CHR3	2376819	CHR3:2376819	SSF x Far_LoA	-10,118	0,010	0,300
CHR3	2376972	CHR3:2376972	SSF x Far_LoA	-6,978	-0,100	0,289
CHR3	2376985	CHR3:2376985	SSF x Far_LoA	-8,609	0,083	0,283
CHR3	2377046	CHR3:2377046	SSF x Far_LoA	-8,314	-0,135	0,286
CHR3	2403724	CHR3:2403724	SSF x Far_LoA	-9,106	0,012	0,301
CHR3	2403784	CHR3:2403784	SSF x Far_LoA	-4,749	0,057	0,304
CHR3	2423702	CHR3:2423702	SSF x Far_LoA	-8,166	0,118	0,294
CHR3	2423887	CHR3:2423887	SSF x Far_LoA	-8,251	-0,058	0,295
CHR3	2424023	CHR3:2424023	SSF x Far_LoA	-8,135	-0,170	0,267
CHR3	2458073	CHR3:2458073	SSF x Far_LoA	-10,819	0,006	0,310
CHR3	2458120	CHR3:2458120	SSF x Far_LoA	-8,040	0,012	0,305
CHR3	2458131	CHR3:2458131	SSF x Far_LoA	-10,977	0,017	0,296
CHR3	2458176	CHR3:2458176	SSF x Far_LoA	-8,098	0,022	0,300
CHR3	2477538	CHR3:2477538	SSF x Far_LoA	-11,776	-0,038	0,287
CHR3	2489464	CHR3:2489464	SSF x Far_LoA	-11,458	0,049	0,293
CHR3	2489515	CHR3:2489515	SSF x Far_LoA	-10,373	-0,095	0,296
CHR3	2493855	CHR3:2493855	SSF x Far_LoA	-10,904	0,088	0,279

CHR3	2493873	CHR3:2493873	SSF x Far_LoA	-9,424	0,063	0,291
CHR3	2511839	CHR3:2511839	SSF x Far_LoA	-10,332	-0,047	0,282
CHR3	2512156	CHR3:2512156	SSF x Far_LoA	-10,833	0,118	0,288
CHR3	2518267	CHR3:2518267	SSF x Far_LoA	-10,541	0,166	0,274
CHR3	2538325	CHR3:2538325	SSF x Far_LoA	-8,272	0,055	0,298
CHR3	2553902	CHR3:2553902	SSF x Far_LoA	-8,386	-0,073	0,284
CHR3	2553917	CHR3:2553917	SSF x Far_LoA	-9,723	-0,066	0,293
CHR3	2563183	CHR3:2563183	SSF x Far_LoA	-8,855	0,042	0,291
CHR3	2563237	CHR3:2563237	SSF x Far_LoA	-10,530	-0,040	0,282
CHR3	2563259	CHR3:2563259	SSF x Far_LoA	-7,947	0,134	0,275
CHR3	2563260	CHR3:2563260	SSF x Far_LoA	-6,406	0,140	0,276
CHR3	2570254	CHR3:2570254	SSF x Far_LoA	-11,545	-0,032	0,282
CHR3	2570295	CHR3:2570295	SSF x Far_LoA	-8,982	0,106	0,285
CHR3	2570306	CHR3:2570306	SSF x Far_LoA	-11,840	-0,014	0,293
CHR3	2570322	CHR3:2570322	SSF x Far_LoA	-10,039	-0,036	0,285
CHR3	2570436	CHR3:2570436	SSF x Far_LoA	-9,489	-0,130	0,282
CHR3	2570455	CHR3:2570455	SSF x Far_LoA	-10,436	-0,047	0,294
CHR3	2578195	CHR3:2578195	SSF x Far_LoA	-7,721	-0,061	0,299
CHR3	2578266	CHR3:2578266	SSF x Far_LoA	-6,805	0,081	0,286
CHR3	2578317	CHR3:2578317	SSF x Far_LoA	-9,338	-0,071	0,285
CHR3	2578333	CHR3:2578333	SSF x Far_LoA	-6,725	-0,116	0,302
CHR3	2578334	CHR3:2578334	SSF x Far_LoA	-11,553	-0,037	0,292
CHR3	2606237	CHR3:2606237	SSF x Far_LoA	-6,596	0,022	0,283
CHR3	2629261	CHR3:2629261	SSF x Far_LoA	-9,016	0,177	0,282
CHR3	2629368	CHR3:2629368	SSF x Far_LoA	-10,810	0,000	0,290
CHR3	2629389	CHR3:2629389	SSF x Far_LoA	-5,070	-0,009	0,295
CHR3	2640121	CHR3:2640121	SSF x Far_LoA	-7,127	0,050	0,282
CHR3	2643872	CHR3:2643872	SSF x Far_LoA	-9,293	0,079	0,312
CHR3	2663072	CHR3:2663072	SSF x Far_LoA	-10,799	0,082	0,286
CHR3	2663076	CHR3:2663076	SSF x Far_LoA	-8,194	0,089	0,304
CHR3	2663122	CHR3:2663122	SSF x Far_LoA	-11,787	-0,033	0,301
CHR3	2663138	CHR3:2663138	SSF x Far_LoA	-0,820	-0,123	0,291
CHR3	2663328	CHR3:2663328	SSF x Far_LoA	-6,189	-0,039	0,298
CHR3	2663346	CHR3:2663346	SSF x Far_LoA	-7,174	0,139	0,289
CHR3	2672581	CHR3:2672581	SSF x Far_LoA	-3,233	-0,139	0,302
CHR3	2672608	CHR3:2672608	SSF x Far_LoA	-10,021	-0,066	0,294
CHR3	2672649	CHR3:2672649	SSF x Far_LoA	-10,346	0,086	0,298
CHR3	2672772	CHR3:2672772	SSF x Far_LoA	-10,777	-0,092	0,302
CHR3	2672883	CHR3:2672883	SSF x Far_LoA	-10,897	-0,109	0,296
CHR3	2680319	CHR3:2680319	SSF x Far_LoA	-9,162	0,036	0,294
CHR3	2680357	CHR3:2680357	SSF x Far_LoA	-9,191	0,029	0,292
CHR3	2680421	CHR3:2680421	SSF x Far_LoA	-7,623	0,118	0,299
CHR3	2683756	CHR3:2683756	SSF x Far_LoA	-8,955	0,049	0,312
CHR3	2683820	CHR3:2683820	SSF x Far_LoA	-7,460	0,140	0,284
CHR3	2683877	CHR3:2683877	SSF x Far_LoA	-6,673	0,114	0,286
CHR3	2691713	CHR3:2691713	SSF x Far_LoA	-11,606	-0,033	0,302
CHR3	2700339	CHR3:2700339	SSF x Far_LoA	-10,514	0,002	0,281
CHR3	2700340	CHR3:2700340	SSF x Far_LoA	-11,204	-0,006	0,287
CHR3	2700379	CHR3:2700379	SSF x Far_LoA	-8,824	0,053	0,294
CHR3	2700480	CHR3:2700480	SSF x Far_LoA	-9,752	0,008	0,277
CHR3	2700488	CHR3:2700488	SSF x Far_LoA	-6,000	0,070	0,294
CHR3	2700496	CHR3:2700496	SSF x Far_LoA	-9,114	-0,066	0,287
CHR3	2700563	CHR3:2700563	SSF x Far_LoA	-8,564	0,062	0,292

CHR3	2700628	CHR3:2700628	SSF x Far_LoA	-8,019	0,021	0,296
CHR3	2700629	CHR3:2700629	SSF x Far_LoA	-8,979	0,061	0,286
CHR3	2700709	CHR3:2700709	SSF x Far_LoA	-10,252	-0,064	0,302
CHR3	2708236	CHR3:2708236	SSF x Far_LoA	-10,629	0,088	0,293
CHR3	2708261	CHR3:2708261	SSF x Far_LoA	-8,183	-0,070	0,296
CHR3	2708264	CHR3:2708264	SSF x Far_LoA	-10,661	0,014	0,302
CHR3	2708309	CHR3:2708309	SSF x Far_LoA	-10,085	-0,074	0,288
CHR3	2708311	CHR3:2708311	SSF x Far_LoA	-8,120	0,083	0,278
CHR3	2708455	CHR3:2708455	SSF x Far_LoA	-1,103	-0,072	0,294
CHR3	2708495	CHR3:2708495	SSF x Far_LoA	-9,635	0,017	0,284
CHR3	2719849	CHR3:2719849	SSF x Far_LoA	-8,612	-0,093	0,276
CHR3	2719908	CHR3:2719908	SSF x Far_LoA	-9,603	-0,146	0,293
CHR3	2719918	CHR3:2719918	SSF x Far_LoA	-11,061	0,072	0,282
CHR3	2719931	CHR3:2719931	SSF x Far_LoA	-10,857	0,047	0,287
CHR3	2719994	CHR3:2719994	SSF x Far_LoA	-9,184	0,018	0,313
CHR3	2742883	CHR3:2742883	SSF x Far_LoA	-10,029	-0,015	0,282
CHR3	2743081	CHR3:2743081	SSF x Far_LoA	-8,296	-0,020	0,286
CHR3	2767150	CHR3:2767150	SSF x Far_LoA	-11,730	0,006	0,293
CHR3	2767441	CHR3:2767441	SSF x Far_LoA	-10,641	-0,021	0,285
CHR3	2771106	CHR3:2771106	SSF x Far_LoA	-5,074	-0,161	0,297
CHR3	2771149	CHR3:2771149	SSF x Far_LoA	-10,439	-0,021	0,288
CHR3	2771196	CHR3:2771196	SSF x Far_LoA	-9,134	0,095	0,287
CHR3	2771205	CHR3:2771205	SSF x Far_LoA	-9,271	-0,014	0,272
CHR3	2771277	CHR3:2771277	SSF x Far_LoA	-5,560	-0,129	0,280
CHR3	2771331	CHR3:2771331	SSF x Far_LoA	-3,393	-0,202	0,261
CHR3	2774294	CHR3:2774294	SSF x Far_LoA	-11,537	-0,048	0,282
CHR3	2776579	CHR3:2776579	SSF x Far_LoA	-9,796	0,093	0,284
CHR3	2776580	CHR3:2776580	SSF x Far_LoA	-11,994	0,013	0,283
CHR3	2776720	CHR3:2776720	SSF x Far_LoA	-7,732	0,146	0,279
CHR3	2776736	CHR3:2776736	SSF x Far_LoA	-9,270	0,110	0,286
CHR3	2808638	CHR3:2808638	SSF x Far_LoA	-9,426	-0,019	0,296
CHR3	2809570	CHR3:2809570	SSF x Far_LoA	3,205	0,152	0,289
CHR3	2813823	CHR3:2813823	SSF x Far_LoA	-7,840	0,093	0,300
CHR3	2825489	CHR3:2825489	SSF x Far_LoA	-9,458	-0,047	0,292
CHR3	2825653	CHR3:2825653	SSF x Far_LoA	-9,552	-0,035	0,304
CHR3	2827008	CHR3:2827008	SSF x Far_LoA	-10,186	0,018	0,296
CHR3	2854443	CHR3:2854443	SSF x Far_LoA	-11,611	-0,035	0,294
CHR3	2854518	CHR3:2854518	SSF x Far_LoA	-10,489	0,032	0,289
CHR3	2854553	CHR3:2854553	SSF x Far_LoA	-10,040	0,070	0,300
CHR3	2854589	CHR3:2854589	SSF x Far_LoA	-8,331	-0,094	0,279
CHR3	2854626	CHR3:2854626	SSF x Far_LoA	-8,125	-0,009	0,291
CHR3	2854636	CHR3:2854636	SSF x Far_LoA	-11,346	-0,029	0,289
CHR3	2854643	CHR3:2854643	SSF x Far_LoA	-11,365	-0,029	0,302
CHR3	2854660	CHR3:2854660	SSF x Far_LoA	-10,620	0,023	0,276
CHR3	2861056	CHR3:2861056	SSF x Far_LoA	-11,440	-0,037	0,279
CHR3	2861057	CHR3:2861057	SSF x Far_LoA	-9,351	0,184	0,272
CHR3	2861228	CHR3:2861228	SSF x Far_LoA	-6,116	0,150	0,288
CHR3	2861230	CHR3:2861230	SSF x Far_LoA	-7,899	0,112	0,297
CHR3	2861252	CHR3:2861252	SSF x Far_LoA	-8,470	0,135	0,286
CHR3	2861266	CHR3:2861266	SSF x Far_LoA	3,590	0,190	0,271
CHR3	2861280	CHR3:2861280	SSF x Far_LoA	-10,782	0,009	0,292
CHR3	2861318	CHR3:2861318	SSF x Far_LoA	-7,796	-0,041	0,298
CHR3	2861387	CHR3:2861387	SSF x Far_LoA	-7,217	0,111	0,294

CHR3	2861401	CHR3:2861401	SSF x Far_LoA	-10,070	-0,016	0,293
CHR3	2866769	CHR3:2866769	SSF x Far_LoA	-11,286	0,062	0,284
CHR3	2866823	CHR3:2866823	SSF x Far_LoA	-9,735	0,082	0,291
CHR3	2866887	CHR3:2866887	SSF x Far_LoA	-10,296	-0,003	0,286
CHR3	2866909	CHR3:2866909	SSF x Far_LoA	-8,047	0,120	0,288
CHR3	2866965	CHR3:2866965	SSF x Far_LoA	-7,492	0,021	0,292
CHR3	2867049	CHR3:2867049	SSF x Far_LoA	-10,314	0,060	0,298
CHR3	2872289	CHR3:2872289	SSF x Far_LoA	-7,927	-0,095	0,279
CHR3	2872300	CHR3:2872300	SSF x Far_LoA	-4,315	-0,108	0,300
CHR3	2872323	CHR3:2872323	SSF x Far_LoA	-8,242	0,147	0,284
CHR3	2872341	CHR3:2872341	SSF x Far_LoA	-8,220	-0,134	0,284
CHR3	2872353	CHR3:2872353	SSF x Far_LoA	-10,304	-0,040	0,286
CHR3	2872804	CHR3:2872804	SSF x Far_LoA	-7,734	-0,110	0,297
CHR3	2881787	CHR3:2881787	SSF x Far_LoA	-8,918	0,049	0,277
CHR3	2896737	CHR3:2896737	SSF x Far_LoA	-8,528	0,023	0,297
CHR3	2896773	CHR3:2896773	SSF x Far_LoA	-11,415	0,035	0,290
CHR3	2896869	CHR3:2896869	SSF x Far_LoA	-8,282	-0,046	0,302
CHR3	2897939	CHR3:2897939	SSF x Far_LoA	-9,392	0,125	0,290
CHR3	2897957	CHR3:2897957	SSF x Far_LoA	-8,203	0,153	0,281
CHR3	2897973	CHR3:2897973	SSF x Far_LoA	-12,305	-0,008	0,287
CHR3	2897992	CHR3:2897992	SSF x Far_LoA	-9,766	0,043	0,295
CHR3	2897996	CHR3:2897996	SSF x Far_LoA	-9,074	0,037	0,289
CHR3	2898018	CHR3:2898018	SSF x Far_LoA	-8,718	0,014	0,295
CHR3	2900443	CHR3:2900443	SSF x Far_LoA	-8,799	-0,011	0,304
CHR3	2904589	CHR3:2904589	SSF x Far_LoA	2,052	-0,167	0,282
CHR3	2904597	CHR3:2904597	SSF x Far_LoA	-9,221	0,160	0,283
CHR3	2912714	CHR3:2912714	SSF x Far_LoA	-8,538	0,018	0,288
CHR3	2912749	CHR3:2912749	SSF x Far_LoA	-11,378	0,080	0,293
CHR3	2912754	CHR3:2912754	SSF x Far_LoA	-7,644	0,097	0,303
CHR3	2913064	CHR3:2913064	SSF x Far_LoA	-11,263	0,118	0,266
CHR3	2913081	CHR3:2913081	SSF x Far_LoA	-10,531	0,017	0,284
CHR3	2922428	CHR3:2922428	SSF x Far_LoA	-11,085	-0,117	0,293
CHR3	2922670	CHR3:2922670	SSF x Far_LoA	-10,004	-0,121	0,294
CHR3	2924274	CHR3:2924274	SSF x Far_LoA	-9,334	-0,027	0,291
CHR3	2931304	CHR3:2931304	SSF x Far_LoA	-10,045	-0,064	0,279
CHR3	2931345	CHR3:2931345	SSF x Far_LoA	-8,054	-0,093	0,289
CHR3	2931408	CHR3:2931408	SSF x Far_LoA	-9,984	0,068	0,287
CHR3	2931498	CHR3:2931498	SSF x Far_LoA	-7,622	-0,015	0,293
CHR3	2934005	CHR3:2934005	SSF x Far_LoA	-7,718	0,082	0,310
CHR3	2938367	CHR3:2938367	SSF x Far_LoA	-8,283	-0,104	0,297
CHR3	2938382	CHR3:2938382	SSF x Far_LoA	-9,198	-0,101	0,275
CHR3	2952142	CHR3:2952142	SSF x Far_LoA	-11,275	-0,019	0,290
CHR3	2970753	CHR3:2970753	SSF x Far_LoA	-8,088	0,033	0,285
CHR3	2970805	CHR3:2970805	SSF x Far_LoA	-11,635	0,036	0,293
CHR3	2970820	CHR3:2970820	SSF x Far_LoA	-8,978	-0,010	0,289
CHR3	2970885	CHR3:2970885	SSF x Far_LoA	-8,605	-0,117	0,296
CHR3	2971052	CHR3:2971052	SSF x Far_LoA	-10,813	0,001	0,296
CHR3	3008561	CHR3:3008561	SSF x Far_LoA	-10,369	0,029	0,292
CHR3	3043719	CHR3:3043719	SSF x Far_LoA	-9,632	0,076	0,299
CHR3	3043942	CHR3:3043942	SSF x Far_LoA	-5,995	0,077	0,301
CHR3	3044004	CHR3:3044004	SSF x Far_LoA	-9,958	-0,028	0,300
CHR3	3057514	CHR3:3057514	SSF x Far_LoA	-6,827	0,073	0,301
CHR3	3061314	CHR3:3061314	SSF x Far_LoA	-7,759	-0,022	0,299

CHR3	3061323	CHR3:3061323	SSF x Far_LoA	-10,001	-0,070	0,297
CHR3	3061359	CHR3:3061359	SSF x Far_LoA	-9,177	-0,033	0,293
CHR3	3061364	CHR3:3061364	SSF x Far_LoA	-9,725	0,063	0,287
CHR3	3061416	CHR3:3061416	SSF x Far_LoA	-9,093	0,037	0,298
CHR3	3061429	CHR3:3061429	SSF x Far_LoA	-9,225	-0,005	0,294
CHR3	3061430	CHR3:3061430	SSF x Far_LoA	-9,446	0,048	0,294
CHR3	3061450	CHR3:3061450	SSF x Far_LoA	-8,895	0,037	0,302
CHR3	3061481	CHR3:3061481	SSF x Far_LoA	-11,456	0,052	0,301
CHR3	3061535	CHR3:3061535	SSF x Far_LoA	-4,503	-0,025	0,280
CHR3	3072885	CHR3:3072885	SSF x Far_LoA	-9,110	0,007	0,289
CHR3	3072918	CHR3:3072918	SSF x Far_LoA	-11,183	-0,015	0,303
CHR3	3073033	CHR3:3073033	SSF x Far_LoA	-10,323	-0,043	0,297
CHR3	3077781	CHR3:3077781	SSF x Far_LoA	-11,133	0,074	0,295
CHR3	3077803	CHR3:3077803	SSF x Far_LoA	-11,068	-0,041	0,302
CHR3	3098460	CHR3:3098460	SSF x Far_LoA	-8,801	0,122	0,300
CHR3	3098498	CHR3:3098498	SSF x Far_LoA	-9,913	0,045	0,283
CHR3	3098535	CHR3:3098535	SSF x Far_LoA	-11,263	0,013	0,307
CHR3	3098599	CHR3:3098599	SSF x Far_LoA	-12,311	-0,013	0,287
CHR3	3103675	CHR3:3103675	SSF x Far_LoA	-9,480	0,035	0,292
CHR3	3110069	CHR3:3110069	SSF x Far_LoA	-7,956	-0,110	0,294
CHR3	3110075	CHR3:3110075	SSF x Far_LoA	-11,405	-0,113	0,281
CHR3	3115318	CHR3:3115318	SSF x Far_LoA	-11,654	-0,009	0,302
CHR3	3115439	CHR3:3115439	SSF x Far_LoA	-7,622	0,094	0,287
CHR3	3115669	CHR3:3115669	SSF x Far_LoA	-8,531	-0,086	0,292
CHR3	3120850	CHR3:3120850	SSF x Far_LoA	-11,387	-0,081	0,294
CHR3	3121023	CHR3:3121023	SSF x Far_LoA	-12,003	-0,053	0,285
CHR3	3121157	CHR3:3121157	SSF x Far_LoA	-7,000	0,143	0,291
CHR3	3126518	CHR3:3126518	SSF x Far_LoA	-5,758	0,098	0,288
CHR3	3126558	CHR3:3126558	SSF x Far_LoA	-8,174	0,070	0,290
CHR3	3126576	CHR3:3126576	SSF x Far_LoA	-8,925	-0,012	0,296
CHR3	3126920	CHR3:3126920	SSF x Far_LoA	-8,525	0,028	0,292
CHR3	3130552	CHR3:3130552	SSF x Far_LoA	-8,367	-0,116	0,287
CHR3	3130589	CHR3:3130589	SSF x Far_LoA	-10,032	0,169	0,260
CHR3	3130825	CHR3:3130825	SSF x Far_LoA	-10,402	0,077	0,288
CHR3	3139226	CHR3:3139226	SSF x Far_LoA	-11,273	-0,027	0,287
CHR3	3144838	CHR3:3144838	SSF x Far_LoA	-9,102	0,078	0,292
CHR3	3144988	CHR3:3144988	SSF x Far_LoA	-8,244	-0,118	0,286
CHR3	3144990	CHR3:3144990	SSF x Far_LoA	-9,137	-0,121	0,288
CHR3	3144999	CHR3:3144999	SSF x Far_LoA	-8,313	-0,039	0,298
CHR3	3145011	CHR3:3145011	SSF x Far_LoA	-8,100	-0,092	0,300
CHR3	3145115	CHR3:3145115	SSF x Far_LoA	-10,830	0,043	0,293
CHR3	3152294	CHR3:3152294	SSF x Far_LoA	-9,731	-0,046	0,293
CHR3	3152370	CHR3:3152370	SSF x Far_LoA	-8,914	0,011	0,305
CHR3	3158142	CHR3:3158142	SSF x Far_LoA	-9,706	-0,021	0,268
CHR3	3158143	CHR3:3158143	SSF x Far_LoA	-11,469	-0,038	0,294
CHR3	3158146	CHR3:3158146	SSF x Far_LoA	-8,457	-0,001	0,285
CHR3	3158279	CHR3:3158279	SSF x Far_LoA	-7,305	0,147	0,284
CHR3	3158297	CHR3:3158297	SSF x Far_LoA	-9,941	-0,092	0,296
CHR3	3158320	CHR3:3158320	SSF x Far_LoA	-8,160	-0,070	0,285
CHR3	3158343	CHR3:3158343	SSF x Far_LoA	8,758	-0,020	0,315
CHR3	3158346	CHR3:3158346	SSF x Far_LoA	-9,438	-0,015	0,293
CHR3	3158349	CHR3:3158349	SSF x Far_LoA	-7,114	-0,002	0,305
CHR3	3176878	CHR3:3176878	SSF x Far_LoA	-9,551	-0,011	0,277

CHR3	3177066	CHR3:3177066	SSF x Far_LoA	-12,461	-0,016	0,288
CHR3	3194685	CHR3:3194685	SSF x Far_LoA	-8,210	-0,082	0,306
CHR3	3194715	CHR3:3194715	SSF x Far_LoA	-7,143	0,016	0,299
CHR3	3201905	CHR3:3201905	SSF x Far_LoA	-10,205	0,010	0,275
CHR3	3201916	CHR3:3201916	SSF x Far_LoA	-7,062	0,028	0,299
CHR3	3210756	CHR3:3210756	SSF x Far_LoA	-7,113	-0,157	0,291
CHR3	3221429	CHR3:3221429	SSF x Far_LoA	-10,257	-0,055	0,302
CHR3	3223347	CHR3:3223347	SSF x Far_LoA	-8,641	0,045	0,292
CHR3	3223395	CHR3:3223395	SSF x Far_LoA	-12,236	-0,027	0,291
CHR3	3223438	CHR3:3223438	SSF x Far_LoA	-8,966	0,086	0,289
CHR3	3223441	CHR3:3223441	SSF x Far_LoA	-8,493	-0,028	0,286
CHR3	3223731	CHR3:3223731	SSF x Far_LoA	-10,633	0,098	0,295
CHR3	3223831	CHR3:3223831	SSF x Far_LoA	0,832	0,166	0,281
CHR3	3223844	CHR3:3223844	SSF x Far_LoA	-7,293	0,100	0,293
CHR3	3253684	CHR3:3253684	SSF x Far_LoA	-11,302	0,053	0,292
CHR3	3265986	CHR3:3265986	SSF x Far_LoA	-10,487	0,020	0,276
CHR3	3266207	CHR3:3266207	SSF x Far_LoA	-9,946	0,028	0,278
CHR3	3266272	CHR3:3266272	SSF x Far_LoA	-9,047	0,020	0,295
CHR3	3276047	CHR3:3276047	SSF x Far_LoA	-8,890	-0,064	0,301
CHR3	3276057	CHR3:3276057	SSF x Far_LoA	-7,370	-0,040	0,295
CHR3	3280867	CHR3:3280867	SSF x Far_LoA	-11,508	-0,014	0,295
CHR3	3280906	CHR3:3280906	SSF x Far_LoA	-9,489	0,082	0,294
CHR3	3281148	CHR3:3281148	SSF x Far_LoA	-10,082	0,000	0,298
CHR3	3281170	CHR3:3281170	SSF x Far_LoA	-8,526	0,167	0,278
CHR3	3281174	CHR3:3281174	SSF x Far_LoA	-9,707	0,174	0,288
CHR3	3285769	CHR3:3285769	SSF x Far_LoA	-10,922	0,057	0,302
CHR3	3285916	CHR3:3285916	SSF x Far_LoA	-9,090	-0,160	0,272
CHR3	3285951	CHR3:3285951	SSF x Far_LoA	-6,806	0,170	0,291
CHR3	3286004	CHR3:3286004	SSF x Far_LoA	-4,352	0,183	0,299
CHR3	3287981	CHR3:3287981	SSF x Far_LoA	-10,516	0,033	0,285
CHR3	3296646	CHR3:3296646	SSF x Far_LoA	-7,800	0,113	0,288
CHR3	3296682	CHR3:3296682	SSF x Far_LoA	-8,608	0,125	0,281
CHR3	3296750	CHR3:3296750	SSF x Far_LoA	-8,812	0,198	0,289
CHR3	3298742	CHR3:3298742	SSF x Far_LoA	-10,297	0,048	0,290
CHR3	3298783	CHR3:3298783	SSF x Far_LoA	-10,030	0,051	0,279
CHR3	3298821	CHR3:3298821	SSF x Far_LoA	-10,845	-0,112	0,289
CHR3	3298912	CHR3:3298912	SSF x Far_LoA	-9,603	0,029	0,304
CHR3	3298919	CHR3:3298919	SSF x Far_LoA	-8,086	-0,091	0,275
CHR3	3298920	CHR3:3298920	SSF x Far_LoA	-7,746	-0,105	0,266
CHR3	3301772	CHR3:3301772	SSF x Far_LoA	-5,832	-0,101	0,297
CHR3	3301960	CHR3:3301960	SSF x Far_LoA	-8,011	-0,034	0,299
CHR3	3301963	CHR3:3301963	SSF x Far_LoA	-11,319	-0,087	0,288
CHR3	3301985	CHR3:3301985	SSF x Far_LoA	-8,963	-0,039	0,298
CHR3	3303282	CHR3:3303282	SSF x Far_LoA	-9,618	0,076	0,295
CHR3	3312802	CHR3:3312802	SSF x Far_LoA	-10,114	0,017	0,295
CHR3	3312826	CHR3:3312826	SSF x Far_LoA	-9,296	0,010	0,296
CHR3	3312834	CHR3:3312834	SSF x Far_LoA	-10,096	0,063	0,293
CHR3	3312843	CHR3:3312843	SSF x Far_LoA	-7,332	-0,121	0,267
CHR3	3312850	CHR3:3312850	SSF x Far_LoA	-11,283	0,067	0,283
CHR3	3319384	CHR3:3319384	SSF x Far_LoA	-2,737	-0,217	0,265
CHR3	3319385	CHR3:3319385	SSF x Far_LoA	-2,293	-0,208	0,269
CHR3	3326704	CHR3:3326704	SSF x Far_LoA	-9,696	-0,066	0,302
CHR3	3326705	CHR3:3326705	SSF x Far_LoA	-4,079	-0,221	0,267

CHR3	3326934	CHR3:3326934	SSF x Far_LoA	-8,966	-0,017	0,287
CHR3	3328567	CHR3:3328567	SSF x Far_LoA	-8,104	-0,113	0,291
CHR3	3332142	CHR3:3332142	SSF x Far_LoA	-7,548	-0,081	0,288
CHR3	3332170	CHR3:3332170	SSF x Far_LoA	-10,273	0,000	0,292
CHR3	3332309	CHR3:3332309	SSF x Far_LoA	-4,605	0,010	0,293
CHR3	3338558	CHR3:3338558	SSF x Far_LoA	-6,792	0,087	0,287
CHR3	3338635	CHR3:3338635	SSF x Far_LoA	-11,987	-0,012	0,298
CHR3	3338669	CHR3:3338669	SSF x Far_LoA	-10,291	-0,053	0,302
CHR3	3339556	CHR3:3339556	SSF x Far_LoA	-10,165	-0,072	0,295
CHR3	3362423	CHR3:3362423	SSF x Far_LoA	-7,410	-0,080	0,285
CHR3	3362524	CHR3:3362524	SSF x Far_LoA	-9,977	-0,037	0,287
CHR3	3362725	CHR3:3362725	SSF x Far_LoA	-6,410	-0,094	0,293
CHR3	3362745	CHR3:3362745	SSF x Far_LoA	-9,069	-0,013	0,292
CHR3	3367187	CHR3:3367187	SSF x Far_LoA	-9,815	-0,035	0,298
CHR3	3367273	CHR3:3367273	SSF x Far_LoA	-8,018	0,091	0,305
CHR3	3367367	CHR3:3367367	SSF x Far_LoA	-8,192	-0,143	0,282
CHR3	3389548	CHR3:3389548	SSF x Far_LoA	-6,456	0,097	0,290
CHR3	3389614	CHR3:3389614	SSF x Far_LoA	-6,968	-0,176	0,284
CHR3	3389619	CHR3:3389619	SSF x Far_LoA	-11,509	0,015	0,289
CHR3	3392723	CHR3:3392723	SSF x Far_LoA	-5,480	-0,053	0,274
CHR3	3392725	CHR3:3392725	SSF x Far_LoA	-8,155	-0,016	0,298
CHR3	3392820	CHR3:3392820	SSF x Far_LoA	-6,607	-0,136	0,283
CHR3	3406269	CHR3:3406269	SSF x Far_LoA	-8,478	-0,001	0,298
CHR3	3406271	CHR3:3406271	SSF x Far_LoA	-10,408	-0,115	0,290
CHR3	3412400	CHR3:3412400	SSF x Far_LoA	-9,498	0,063	0,286
CHR3	3412641	CHR3:3412641	SSF x Far_LoA	-10,697	0,090	0,292
CHR3	3416848	CHR3:3416848	SSF x Far_LoA	-11,721	-0,026	0,291
CHR3	3416899	CHR3:3416899	SSF x Far_LoA	-10,320	-0,034	0,283
CHR3	3419920	CHR3:3419920	SSF x Far_LoA	-9,730	0,029	0,302
CHR3	3419962	CHR3:3419962	SSF x Far_LoA	-9,500	-0,013	0,293
CHR3	3420043	CHR3:3420043	SSF x Far_LoA	-9,607	0,033	0,293
CHR3	3420130	CHR3:3420130	SSF x Far_LoA	-10,618	-0,004	0,296
CHR3	3420151	CHR3:3420151	SSF x Far_LoA	-10,980	-0,082	0,292
CHR3	3420187	CHR3:3420187	SSF x Far_LoA	-9,629	0,012	0,296
CHR3	3420228	CHR3:3420228	SSF x Far_LoA	-9,709	-0,010	0,289
CHR3	345376	CHR3:345376	SSF x Far_LoA	-9,074	0,028	0,281
CHR3	345380	CHR3:345380	SSF x Far_LoA	-7,464	-0,139	0,288
CHR3	3463571	CHR3:3463571	SSF x Far_LoA	-9,287	0,033	0,274
CHR3	3470452	CHR3:3470452	SSF x Far_LoA	-10,786	0,037	0,304
CHR3	3470474	CHR3:3470474	SSF x Far_LoA	-11,626	0,038	0,296
CHR3	3470505	CHR3:3470505	SSF x Far_LoA	-8,531	0,092	0,295
CHR3	3470574	CHR3:3470574	SSF x Far_LoA	-9,850	-0,088	0,285
CHR3	3475007	CHR3:3475007	SSF x Far_LoA	-9,383	0,003	0,293
CHR3	3475049	CHR3:3475049	SSF x Far_LoA	-6,709	0,128	0,282
CHR3	3477919	CHR3:3477919	SSF x Far_LoA	-10,949	-0,014	0,303
CHR3	3477981	CHR3:3477981	SSF x Far_LoA	-7,889	-0,127	0,284
CHR3	3478201	CHR3:3478201	SSF x Far_LoA	-9,686	0,144	0,276
CHR3	3478237	CHR3:3478237	SSF x Far_LoA	-7,585	0,119	0,294
CHR3	3478304	CHR3:3478304	SSF x Far_LoA	-10,183	0,133	0,279
CHR3	3483932	CHR3:3483932	SSF x Far_LoA	-7,721	-0,011	0,282
CHR3	3484046	CHR3:3484046	SSF x Far_LoA	-3,545	0,058	0,301
CHR3	3484100	CHR3:3484100	SSF x Far_LoA	-6,927	-0,109	0,298
CHR3	3486075	CHR3:3486075	SSF x Far_LoA	-3,046	0,121	0,276

CHR3	3486085	CHR3:3486085	SSF x Far_LoA	-9,315	0,011	0,286
CHR3	3486204	CHR3:3486204	SSF x Far_LoA	-10,985	-0,018	0,293
CHR3	3495586	CHR3:3495586	SSF x Far_LoA	-11,158	0,050	0,300
CHR3	3495692	CHR3:3495692	SSF x Far_LoA	-12,002	0,026	0,297
CHR3	3510525	CHR3:3510525	SSF x Far_LoA	-9,153	-0,052	0,282
CHR3	3510536	CHR3:3510536	SSF x Far_LoA	-11,007	0,110	0,270
CHR3	3510576	CHR3:3510576	SSF x Far_LoA	-5,096	0,257	0,260
CHR3	3510583	CHR3:3510583	SSF x Far_LoA	-5,614	0,202	0,287
CHR3	3510712	CHR3:3510712	SSF x Far_LoA	-8,489	-0,093	0,293
CHR3	3543090	CHR3:3543090	SSF x Far_LoA	-9,133	0,050	0,273
CHR3	3552546	CHR3:3552546	SSF x Far_LoA	-9,955	-0,033	0,289
CHR3	3552550	CHR3:3552550	SSF x Far_LoA	-9,437	0,088	0,302
CHR3	3552567	CHR3:3552567	SSF x Far_LoA	-7,185	0,036	0,294
CHR3	3558473	CHR3:3558473	SSF x Far_LoA	-0,420	0,201	0,282
CHR3	3558796	CHR3:3558796	SSF x Far_LoA	-4,859	0,130	0,285
CHR3	3558828	CHR3:3558828	SSF x Far_LoA	-9,216	0,008	0,292
CHR3	3567779	CHR3:3567779	SSF x Far_LoA	-8,893	0,157	0,284
CHR3	3567804	CHR3:3567804	SSF x Far_LoA	-9,008	-0,139	0,278
CHR3	3567826	CHR3:3567826	SSF x Far_LoA	-10,607	0,098	0,283
CHR3	3567835	CHR3:3567835	SSF x Far_LoA	-5,008	0,189	0,287
CHR3	3567892	CHR3:3567892	SSF x Far_LoA	-9,618	0,099	0,298
CHR3	3567895	CHR3:3567895	SSF x Far_LoA	-9,993	-0,018	0,298
CHR3	3567947	CHR3:3567947	SSF x Far_LoA	-9,152	-0,060	0,307
CHR3	3567992	CHR3:3567992	SSF x Far_LoA	-10,835	0,022	0,296
CHR3	3568670	CHR3:3568670	SSF x Far_LoA	-8,160	-0,002	0,295
CHR3	3568871	CHR3:3568871	SSF x Far_LoA	-12,044	0,042	0,289
CHR3	3578920	CHR3:3578920	SSF x Far_LoA	-8,252	0,055	0,285
CHR3	3578964	CHR3:3578964	SSF x Far_LoA	-9,936	-0,006	0,294
CHR3	3581441	CHR3:3581441	SSF x Far_LoA	-9,137	0,001	0,303
CHR3	3581662	CHR3:3581662	SSF x Far_LoA	-6,155	0,054	0,296
CHR3	3587836	CHR3:3587836	SSF x Far_LoA	-7,665	-0,022	0,279
CHR3	3588051	CHR3:3588051	SSF x Far_LoA	-7,802	0,060	0,291
CHR3	3597375	CHR3:3597375	SSF x Far_LoA	-11,327	-0,084	0,288
CHR3	3597556	CHR3:3597556	SSF x Far_LoA	-11,958	-0,046	0,292
CHR3	3597633	CHR3:3597633	SSF x Far_LoA	-8,302	-0,020	0,307
CHR3	3597637	CHR3:3597637	SSF x Far_LoA	-9,000	0,020	0,300
CHR3	3602050	CHR3:3602050	SSF x Far_LoA	-10,147	-0,071	0,289
CHR3	3602339	CHR3:3602339	SSF x Far_LoA	-3,695	-0,122	0,289
CHR3	3606956	CHR3:3606956	SSF x Far_LoA	-7,736	-0,030	0,293
CHR3	3606959	CHR3:3606959	SSF x Far_LoA	-8,687	-0,065	0,304
CHR3	3606964	CHR3:3606964	SSF x Far_LoA	-7,960	-0,031	0,299
CHR3	3607055	CHR3:3607055	SSF x Far_LoA	-7,557	-0,034	0,308
CHR3	3607183	CHR3:3607183	SSF x Far_LoA	-4,620	-0,173	0,289
CHR3	3607286	CHR3:3607286	SSF x Far_LoA	-8,391	-0,108	0,276
CHR3	3614053	CHR3:3614053	SSF x Far_LoA	-10,867	-0,070	0,289
CHR3	3614071	CHR3:3614071	SSF x Far_LoA	-6,418	-0,074	0,304
CHR3	3614124	CHR3:3614124	SSF x Far_LoA	-9,601	0,025	0,293
CHR3	3615569	CHR3:3615569	SSF x Far_LoA	-6,053	0,048	0,288
CHR3	3615697	CHR3:3615697	SSF x Far_LoA	-7,029	-0,027	0,294
CHR3	3618294	CHR3:3618294	SSF x Far_LoA	-8,572	0,054	0,292
CHR3	3618421	CHR3:3618421	SSF x Far_LoA	-1,938	0,010	0,310
CHR3	3618434	CHR3:3618434	SSF x Far_LoA	-11,846	-0,047	0,281
CHR3	3618452	CHR3:3618452	SSF x Far_LoA	-9,219	0,063	0,296

CHR3	3618457	CHR3:3618457	SSF x Far_LoA	-8,370	-0,082	0,291
CHR3	3618462	CHR3:3618462	SSF x Far_LoA	-10,906	-0,086	0,286
CHR3	3618543	CHR3:3618543	SSF x Far_LoA	-10,744	-0,054	0,289
CHR3	3641735	CHR3:3641735	SSF x Far_LoA	-11,161	-0,064	0,294
CHR3	3648332	CHR3:3648332	SSF x Far_LoA	-9,152	-0,047	0,297
CHR3	3652311	CHR3:3652311	SSF x Far_LoA	-8,852	0,165	0,296
CHR3	3652973	CHR3:3652973	SSF x Far_LoA	-3,248	-0,070	0,306
CHR3	3653027	CHR3:3653027	SSF x Far_LoA	-7,959	-0,034	0,305
CHR3	3658621	CHR3:3658621	SSF x Far_LoA	-7,950	0,063	0,296
CHR3	3658639	CHR3:3658639	SSF x Far_LoA	-8,690	0,024	0,298
CHR3	3658645	CHR3:3658645	SSF x Far_LoA	-9,517	-0,126	0,302
CHR3	3661051	CHR3:3661051	SSF x Far_LoA	-8,731	0,047	0,275
CHR3	3661070	CHR3:3661070	SSF x Far_LoA	-11,545	-0,014	0,293
CHR3	3661074	CHR3:3661074	SSF x Far_LoA	-8,990	0,004	0,276
CHR3	3661125	CHR3:3661125	SSF x Far_LoA	-4,326	0,130	0,283
CHR3	3661171	CHR3:3661171	SSF x Far_LoA	-9,563	0,067	0,298
CHR3	3662326	CHR3:3662326	SSF x Far_LoA	-10,896	-0,006	0,302
CHR3	3662405	CHR3:3662405	SSF x Far_LoA	-7,104	-0,064	0,280
CHR3	3662419	CHR3:3662419	SSF x Far_LoA	-8,853	0,025	0,279
CHR3	3663576	CHR3:3663576	SSF x Far_LoA	-11,413	0,087	0,281
CHR3	3663628	CHR3:3663628	SSF x Far_LoA	-9,302	-0,090	0,273
CHR3	3663689	CHR3:3663689	SSF x Far_LoA	-11,395	-0,002	0,297
CHR3	3668313	CHR3:3668313	SSF x Far_LoA	-8,787	0,095	0,295
CHR3	3675924	CHR3:3675924	SSF x Far_LoA	-10,772	-0,053	0,293
CHR3	3676840	CHR3:3676840	SSF x Far_LoA	-11,361	0,046	0,305
CHR3	3676902	CHR3:3676902	SSF x Far_LoA	-8,571	0,038	0,295
CHR3	3679053	CHR3:3679053	SSF x Far_LoA	-6,239	0,133	0,290
CHR3	3683754	CHR3:3683754	SSF x Far_LoA	-8,327	-0,030	0,289
CHR3	3683807	CHR3:3683807	SSF x Far_LoA	-9,365	0,010	0,285
CHR3	3686495	CHR3:3686495	SSF x Far_LoA	-9,333	-0,008	0,302
CHR3	3686554	CHR3:3686554	SSF x Far_LoA	-10,504	0,112	0,286
CHR3	3688944	CHR3:3688944	SSF x Far_LoA	-8,335	-0,048	0,278
CHR3	3689064	CHR3:3689064	SSF x Far_LoA	-9,169	-0,037	0,303
CHR3	3689099	CHR3:3689099	SSF x Far_LoA	-8,440	0,094	0,283
CHR3	3689139	CHR3:3689139	SSF x Far_LoA	-8,861	-0,079	0,297
CHR3	3691470	CHR3:3691470	SSF x Far_LoA	-6,884	0,061	0,306
CHR3	3691523	CHR3:3691523	SSF x Far_LoA	-10,031	0,022	0,304
CHR3	3691560	CHR3:3691560	SSF x Far_LoA	-7,089	0,076	0,297
CHR3	3705853	CHR3:3705853	SSF x Far_LoA	-1,439	0,053	0,282
CHR3	3719401	CHR3:3719401	SSF x Far_LoA	-8,695	-0,032	0,288
CHR3	3719433	CHR3:3719433	SSF x Far_LoA	-8,452	-0,111	0,272
CHR3	3719465	CHR3:3719465	SSF x Far_LoA	6,536	0,144	0,279
CHR3	3725699	CHR3:3725699	SSF x Far_LoA	-9,365	0,046	0,297
CHR3	3725702	CHR3:3725702	SSF x Far_LoA	-2,435	-0,171	0,299
CHR3	3725711	CHR3:3725711	SSF x Far_LoA	-8,776	0,056	0,277
CHR3	3725720	CHR3:3725720	SSF x Far_LoA	-9,789	0,124	0,290
CHR3	3727682	CHR3:3727682	SSF x Far_LoA	-8,205	-0,019	0,282
CHR3	3727773	CHR3:3727773	SSF x Far_LoA	-9,494	0,085	0,289
CHR3	3727777	CHR3:3727777	SSF x Far_LoA	-10,166	0,013	0,291
CHR3	3729305	CHR3:3729305	SSF x Far_LoA	-8,517	-0,081	0,301
CHR3	3729308	CHR3:3729308	SSF x Far_LoA	-8,043	-0,025	0,292
CHR3	3729533	CHR3:3729533	SSF x Far_LoA	-9,459	-0,094	0,287
CHR3	3729559	CHR3:3729559	SSF x Far_LoA	-11,273	0,082	0,270

CHR3	3729614	CHR3:3729614	SSF x Far_LoA	-7,113	-0,130	0,291
CHR3	3729628	CHR3:3729628	SSF x Far_LoA	-7,547	-0,120	0,281
CHR3	3734166	CHR3:3734166	SSF x Far_LoA	-11,517	0,070	0,286
CHR3	3734214	CHR3:3734214	SSF x Far_LoA	-11,443	0,099	0,280
CHR3	374309	CHR3:374309	SSF x Far_LoA	-9,229	-0,060	0,305
CHR3	374413	CHR3:374413	SSF x Far_LoA	-10,138	-0,051	0,293
CHR3	3747560	CHR3:3747560	SSF x Far_LoA	-12,369	0,028	0,285
CHR3	3747658	CHR3:3747658	SSF x Far_LoA	-9,846	0,017	0,294
CHR3	3751529	CHR3:3751529	SSF x Far_LoA	-7,758	0,068	0,302
CHR3	3753057	CHR3:3753057	SSF x Far_LoA	-11,106	0,002	0,300
CHR3	3754491	CHR3:3754491	SSF x Far_LoA	-6,298	0,112	0,278
CHR3	3754576	CHR3:3754576	SSF x Far_LoA	-5,063	-0,056	0,295
CHR3	377503	CHR3:377503	SSF x Far_LoA	-9,580	0,037	0,293
CHR3	3817878	CHR3:3817878	SSF x Far_LoA	-9,516	-0,001	0,281
CHR3	3831831	CHR3:3831831	SSF x Far_LoA	-7,876	0,149	0,295
CHR3	3832007	CHR3:3832007	SSF x Far_LoA	-10,106	0,101	0,295
CHR3	3835357	CHR3:3835357	SSF x Far_LoA	-10,919	-0,008	0,287
CHR3	3842513	CHR3:3842513	SSF x Far_LoA	-9,476	-0,016	0,300
CHR3	3859452	CHR3:3859452	SSF x Far_LoA	-10,072	0,039	0,290
CHR3	3859485	CHR3:3859485	SSF x Far_LoA	-9,753	0,121	0,275
CHR3	3859490	CHR3:3859490	SSF x Far_LoA	-9,382	-0,036	0,275
CHR3	3859551	CHR3:3859551	SSF x Far_LoA	-6,292	-0,135	0,277
CHR3	3859731	CHR3:3859731	SSF x Far_LoA	-9,399	0,011	0,300
CHR3	3864716	CHR3:3864716	SSF x Far_LoA	-2,608	0,105	0,290
CHR3	3864741	CHR3:3864741	SSF x Far_LoA	-8,566	-0,044	0,303
CHR3	3876065	CHR3:3876065	SSF x Far_LoA	-11,060	-0,099	0,297
CHR3	3880488	CHR3:3880488	SSF x Far_LoA	-3,304	0,201	0,272
CHR3	3880643	CHR3:3880643	SSF x Far_LoA	-5,402	-0,077	0,307
CHR3	3881855	CHR3:3881855	SSF x Far_LoA	-7,408	0,127	0,286
CHR3	3881955	CHR3:3881955	SSF x Far_LoA	-9,214	0,035	0,282
CHR3	3889899	CHR3:3889899	SSF x Far_LoA	-2,796	0,265	0,278
CHR3	3889931	CHR3:3889931	SSF x Far_LoA	-9,252	-0,107	0,285
CHR3	3889948	CHR3:3889948	SSF x Far_LoA	-10,948	0,031	0,294
CHR3	3890424	CHR3:3890424	SSF x Far_LoA	-10,272	-0,066	0,296
CHR3	3906874	CHR3:3906874	SSF x Far_LoA	-10,972	0,035	0,300
CHR3	3906891	CHR3:3906891	SSF x Far_LoA	-5,795	0,009	0,298
CHR3	3906907	CHR3:3906907	SSF x Far_LoA	-10,131	0,021	0,294
CHR3	3906919	CHR3:3906919	SSF x Far_LoA	-7,557	0,097	0,287
CHR3	3907244	CHR3:3907244	SSF x Far_LoA	-11,467	0,054	0,282
CHR3	3915673	CHR3:3915673	SSF x Far_LoA	-8,278	0,045	0,283
CHR3	3915691	CHR3:3915691	SSF x Far_LoA	-8,793	-0,026	0,313
CHR3	3915699	CHR3:3915699	SSF x Far_LoA	-8,363	-0,010	0,311
CHR3	3917525	CHR3:3917525	SSF x Far_LoA	-6,871	-0,026	0,288
CHR3	3919018	CHR3:3919018	SSF x Far_LoA	-4,640	-0,167	0,296
CHR3	3927703	CHR3:3927703	SSF x Far_LoA	-9,910	0,033	0,294
CHR3	3927935	CHR3:3927935	SSF x Far_LoA	-9,915	-0,012	0,295
CHR3	3941688	CHR3:3941688	SSF x Far_LoA	-8,385	-0,022	0,300
CHR3	3941949	CHR3:3941949	SSF x Far_LoA	-8,267	-0,053	0,290
CHR3	3941966	CHR3:3941966	SSF x Far_LoA	-7,746	0,113	0,266
CHR3	3945443	CHR3:3945443	SSF x Far_LoA	-9,581	0,041	0,299
CHR3	3945489	CHR3:3945489	SSF x Far_LoA	-9,310	0,063	0,286
CHR3	3945506	CHR3:3945506	SSF x Far_LoA	-9,039	0,140	0,279
CHR3	3945512	CHR3:3945512	SSF x Far_LoA	-7,949	0,023	0,292

CHR3	3955791	CHR3:3955791	SSF x Far_LoA	-8,267	0,029	0,295
CHR3	397711	CHR3:397711	SSF x Far_LoA	-9,938	0,030	0,284
CHR3	397856	CHR3:397856	SSF x Far_LoA	-10,958	-0,066	0,301
CHR3	397861	CHR3:397861	SSF x Far_LoA	-9,214	0,065	0,285
CHR3	3981923	CHR3:3981923	SSF x Far_LoA	-10,219	-0,061	0,280
CHR3	3988987	CHR3:3988987	SSF x Far_LoA	-10,713	0,050	0,288
CHR3	4037114	CHR3:4037114	SSF x Far_LoA	-10,059	-0,090	0,278
CHR3	4050129	CHR3:4050129	SSF x Far_LoA	-6,438	0,153	0,289
CHR3	4050131	CHR3:4050131	SSF x Far_LoA	-8,607	-0,128	0,281
CHR3	4050226	CHR3:4050226	SSF x Far_LoA	-0,159	-0,156	0,279
CHR3	4050299	CHR3:4050299	SSF x Far_LoA	-9,166	0,155	0,293
CHR3	4050331	CHR3:4050331	SSF x Far_LoA	-10,643	-0,089	0,298
CHR3	4074417	CHR3:4074417	SSF x Far_LoA	-7,645	0,007	0,289
CHR3	4074432	CHR3:4074432	SSF x Far_LoA	-8,826	-0,115	0,282
CHR3	4074556	CHR3:4074556	SSF x Far_LoA	-7,116	0,111	0,299
CHR3	4087134	CHR3:4087134	SSF x Far_LoA	-10,022	0,059	0,280
CHR3	4087256	CHR3:4087256	SSF x Far_LoA	-11,477	-0,075	0,280
CHR3	4087275	CHR3:4087275	SSF x Far_LoA	-7,843	-0,075	0,295
CHR3	4110167	CHR3:4110167	SSF x Far_LoA	-9,144	0,090	0,289
CHR3	4110417	CHR3:4110417	SSF x Far_LoA	-9,837	-0,066	0,299
CHR3	4111940	CHR3:4111940	SSF x Far_LoA	-9,821	0,088	0,291
CHR3	4129130	CHR3:4129130	SSF x Far_LoA	-8,837	0,074	0,297
CHR3	4129154	CHR3:4129154	SSF x Far_LoA	-9,885	0,053	0,297
CHR3	4129156	CHR3:4129156	SSF x Far_LoA	-9,711	0,031	0,284
CHR3	4132689	CHR3:4132689	SSF x Far_LoA	-9,860	0,079	0,283
CHR3	4132702	CHR3:4132702	SSF x Far_LoA	-9,046	0,035	0,288
CHR3	4132752	CHR3:4132752	SSF x Far_LoA	-7,903	-0,062	0,282
CHR3	4132764	CHR3:4132764	SSF x Far_LoA	-9,757	-0,004	0,312
CHR3	4132878	CHR3:4132878	SSF x Far_LoA	-9,154	-0,044	0,296
CHR3	4132896	CHR3:4132896	SSF x Far_LoA	-8,816	0,061	0,289
CHR3	4132906	CHR3:4132906	SSF x Far_LoA	-9,129	-0,044	0,286
CHR3	4132957	CHR3:4132957	SSF x Far_LoA	-8,441	0,091	0,286
CHR3	4137514	CHR3:4137514	SSF x Far_LoA	-10,165	0,026	0,310
CHR3	4137625	CHR3:4137625	SSF x Far_LoA	-9,846	-0,045	0,285
CHR3	4137633	CHR3:4137633	SSF x Far_LoA	-8,802	-0,047	0,285
CHR3	4137656	CHR3:4137656	SSF x Far_LoA	-11,847	-0,015	0,297
CHR3	4137676	CHR3:4137676	SSF x Far_LoA	-10,975	-0,038	0,293
CHR3	4137678	CHR3:4137678	SSF x Far_LoA	-10,653	-0,027	0,297
CHR3	4147503	CHR3:4147503	SSF x Far_LoA	-7,584	0,052	0,297
CHR3	4147662	CHR3:4147662	SSF x Far_LoA	-9,583	0,015	0,299
CHR3	4155741	CHR3:4155741	SSF x Far_LoA	-10,809	-0,068	0,308
CHR3	4168526	CHR3:4168526	SSF x Far_LoA	-8,384	-0,106	0,289
CHR3	4168545	CHR3:4168545	SSF x Far_LoA	-8,489	-0,049	0,297
CHR3	4168727	CHR3:4168727	SSF x Far_LoA	-8,187	-0,041	0,284
CHR3	4172374	CHR3:4172374	SSF x Far_LoA	-12,123	0,036	0,279
CHR3	4172375	CHR3:4172375	SSF x Far_LoA	-8,792	0,059	0,292
CHR3	4172412	CHR3:4172412	SSF x Far_LoA	-8,381	-0,115	0,285
CHR3	4172452	CHR3:4172452	SSF x Far_LoA	-8,205	0,098	0,289
CHR3	4179308	CHR3:4179308	SSF x Far_LoA	-9,900	0,057	0,288
CHR3	4179674	CHR3:4179674	SSF x Far_LoA	-9,908	-0,037	0,290
CHR3	4218049	CHR3:4218049	SSF x Far_LoA	-9,987	-0,071	0,285
CHR3	4218368	CHR3:4218368	SSF x Far_LoA	-7,970	0,142	0,302
CHR3	4218450	CHR3:4218450	SSF x Far_LoA	-8,736	-0,018	0,312

CHR3	4227033	CHR3:4227033	SSF x Far_LoA	-9,426	-0,064	0,282
CHR3	4227096	CHR3:4227096	SSF x Far_LoA	-11,277	0,029	0,292
CHR3	4229738	CHR3:4229738	SSF x Far_LoA	-8,879	-0,056	0,285
CHR3	4235783	CHR3:4235783	SSF x Far_LoA	-9,721	0,036	0,299
CHR3	4240922	CHR3:4240922	SSF x Far_LoA	-10,596	-0,073	0,294
CHR3	4240961	CHR3:4240961	SSF x Far_LoA	-8,992	-0,013	0,297
CHR3	4241150	CHR3:4241150	SSF x Far_LoA	-9,003	0,059	0,285
CHR3	4241171	CHR3:4241171	SSF x Far_LoA	-7,058	-0,046	0,282
CHR3	4241204	CHR3:4241204	SSF x Far_LoA	-10,354	-0,048	0,296
CHR3	4249229	CHR3:4249229	SSF x Far_LoA	-8,857	-0,141	0,289
CHR3	4249298	CHR3:4249298	SSF x Far_LoA	-10,962	-0,027	0,289
CHR3	4249310	CHR3:4249310	SSF x Far_LoA	-10,143	0,012	0,303
CHR3	4249340	CHR3:4249340	SSF x Far_LoA	-11,154	-0,007	0,292
CHR3	4249361	CHR3:4249361	SSF x Far_LoA	-4,414	0,149	0,277
CHR3	4249407	CHR3:4249407	SSF x Far_LoA	-3,641	-0,027	0,291
CHR3	4249608	CHR3:4249608	SSF x Far_LoA	-9,263	0,131	0,286
CHR3	4253607	CHR3:4253607	SSF x Far_LoA	-8,324	0,156	0,288
CHR3	4253623	CHR3:4253623	SSF x Far_LoA	-0,922	0,099	0,275
CHR3	4253962	CHR3:4253962	SSF x Far_LoA	-9,204	0,074	0,293
CHR3	4258359	CHR3:4258359	SSF x Far_LoA	-5,358	0,196	0,283
CHR3	4258414	CHR3:4258414	SSF x Far_LoA	-7,290	0,142	0,272
CHR3	4258474	CHR3:4258474	SSF x Far_LoA	-10,696	-0,110	0,288
CHR3	4258525	CHR3:4258525	SSF x Far_LoA	-11,473	0,004	0,276
CHR3	4258549	CHR3:4258549	SSF x Far_LoA	-10,716	-0,038	0,292
CHR3	4258598	CHR3:4258598	SSF x Far_LoA	-9,253	-0,160	0,283
CHR3	426064	CHR3:426064	SSF x Far_LoA	-8,233	0,073	0,280
CHR3	4260911	CHR3:4260911	SSF x Far_LoA	-9,410	-0,055	0,283
CHR3	4260935	CHR3:4260935	SSF x Far_LoA	-10,712	0,011	0,289
CHR3	4260954	CHR3:4260954	SSF x Far_LoA	-8,819	0,040	0,286
CHR3	4260995	CHR3:4260995	SSF x Far_LoA	-8,063	-0,118	0,283
CHR3	4264978	CHR3:4264978	SSF x Far_LoA	-11,434	0,010	0,283
CHR3	4278735	CHR3:4278735	SSF x Far_LoA	-8,909	-0,141	0,278
CHR3	4278949	CHR3:4278949	SSF x Far_LoA	-8,832	-0,061	0,274
CHR3	4278999	CHR3:4278999	SSF x Far_LoA	-9,276	0,088	0,282
CHR3	4279056	CHR3:4279056	SSF x Far_LoA	1,550	-0,173	0,293
CHR3	4279061	CHR3:4279061	SSF x Far_LoA	-10,409	-0,042	0,288
CHR3	4283148	CHR3:4283148	SSF x Far_LoA	-4,228	0,109	0,299
CHR3	4283259	CHR3:4283259	SSF x Far_LoA	-9,113	0,032	0,300
CHR3	4283274	CHR3:4283274	SSF x Far_LoA	-6,418	0,146	0,280
CHR3	4283441	CHR3:4283441	SSF x Far_LoA	-8,658	0,032	0,297
CHR3	4299051	CHR3:4299051	SSF x Far_LoA	-12,328	0,004	0,285
CHR3	4299091	CHR3:4299091	SSF x Far_LoA	-11,340	0,028	0,284
CHR3	4299165	CHR3:4299165	SSF x Far_LoA	-9,185	0,027	0,297
CHR3	4312255	CHR3:4312255	SSF x Far_LoA	-11,048	-0,036	0,293
CHR3	4312386	CHR3:4312386	SSF x Far_LoA	-7,917	0,079	0,297
CHR3	4312393	CHR3:4312393	SSF x Far_LoA	-2,319	-0,131	0,298
CHR3	4312406	CHR3:4312406	SSF x Far_LoA	-11,197	-0,003	0,289
CHR3	4312529	CHR3:4312529	SSF x Far_LoA	-10,446	0,052	0,289
CHR3	4312540	CHR3:4312540	SSF x Far_LoA	-7,076	-0,161	0,297
CHR3	4316921	CHR3:4316921	SSF x Far_LoA	-9,234	0,018	0,279
CHR3	4316948	CHR3:4316948	SSF x Far_LoA	-7,740	0,084	0,287
CHR3	4316955	CHR3:4316955	SSF x Far_LoA	-10,104	-0,075	0,296
CHR3	4317009	CHR3:4317009	SSF x Far_LoA	-10,945	0,014	0,297

CHR3	4327575	CHR3:4327575	SSF x Far_LoA	-12,386	0,001	0,276
CHR3	4327615	CHR3:4327615	SSF x Far_LoA	-10,282	0,047	0,290
CHR3	4327620	CHR3:4327620	SSF x Far_LoA	-9,616	-0,025	0,288
CHR3	4327647	CHR3:4327647	SSF x Far_LoA	-9,304	-0,048	0,271
CHR3	4327670	CHR3:4327670	SSF x Far_LoA	-9,628	0,033	0,288
CHR3	4327740	CHR3:4327740	SSF x Far_LoA	-10,945	-0,030	0,295
CHR3	4327794	CHR3:4327794	SSF x Far_LoA	-10,296	-0,035	0,284
CHR3	4340417	CHR3:4340417	SSF x Far_LoA	-11,105	-0,007	0,295
CHR3	4340477	CHR3:4340477	SSF x Far_LoA	-8,767	0,189	0,272
CHR3	4340543	CHR3:4340543	SSF x Far_LoA	-9,913	0,013	0,299
CHR3	4340575	CHR3:4340575	SSF x Far_LoA	-2,486	0,137	0,282
CHR3	4340591	CHR3:4340591	SSF x Far_LoA	-8,656	0,053	0,285
CHR3	4342878	CHR3:4342878	SSF x Far_LoA	-10,553	-0,010	0,273
CHR3	4345628	CHR3:4345628	SSF x Far_LoA	-7,016	0,170	0,268
CHR3	4345635	CHR3:4345635	SSF x Far_LoA	-10,974	-0,048	0,303
CHR3	4345720	CHR3:4345720	SSF x Far_LoA	-11,187	0,002	0,294
CHR3	4345893	CHR3:4345893	SSF x Far_LoA	-8,781	-0,098	0,286
CHR3	4345900	CHR3:4345900	SSF x Far_LoA	-10,003	0,079	0,294
CHR3	4345931	CHR3:4345931	SSF x Far_LoA	-10,768	0,092	0,282
CHR3	4353167	CHR3:4353167	SSF x Far_LoA	-6,443	-0,169	0,296
CHR3	436769	CHR3:436769	SSF x Far_LoA	-9,208	0,030	0,287
CHR3	436795	CHR3:436795	SSF x Far_LoA	-8,449	0,023	0,289
CHR3	437406	CHR3:437406	SSF x Far_LoA	-9,288	-0,019	0,285
CHR3	4382081	CHR3:4382081	SSF x Far_LoA	-9,273	0,002	0,293
CHR3	4382095	CHR3:4382095	SSF x Far_LoA	-10,438	-0,049	0,284
CHR3	4382113	CHR3:4382113	SSF x Far_LoA	-6,610	-0,147	0,294
CHR3	4382119	CHR3:4382119	SSF x Far_LoA	-10,171	0,064	0,291
CHR3	4382185	CHR3:4382185	SSF x Far_LoA	-6,785	-0,106	0,302
CHR3	4382220	CHR3:4382220	SSF x Far_LoA	-6,905	0,191	0,285
CHR3	4382237	CHR3:4382237	SSF x Far_LoA	-9,163	-0,034	0,296
CHR3	4409965	CHR3:4409965	SSF x Far_LoA	1,563	0,011	0,295
CHR3	4410026	CHR3:4410026	SSF x Far_LoA	-7,351	-0,086	0,292
CHR3	4410027	CHR3:4410027	SSF x Far_LoA	-8,419	-0,083	0,302
CHR3	4410506	CHR3:4410506	SSF x Far_LoA	-7,193	0,114	0,288
CHR3	4410613	CHR3:4410613	SSF x Far_LoA	-7,192	0,152	0,297
CHR3	441259	CHR3:441259	SSF x Far_LoA	-8,874	-0,093	0,273
CHR3	442328	CHR3:442328	SSF x Far_LoA	-10,192	-0,005	0,297
CHR3	4437514	CHR3:4437514	SSF x Far_LoA	-12,505	0,014	0,274
CHR3	4465420	CHR3:4465420	SSF x Far_LoA	-10,243	0,065	0,292
CHR3	4484865	CHR3:4484865	SSF x Far_LoA	-9,300	0,117	0,295
CHR3	4485117	CHR3:4485117	SSF x Far_LoA	-7,011	0,095	0,314
CHR3	4488960	CHR3:4488960	SSF x Far_LoA	-10,547	0,004	0,300
CHR3	4504164	CHR3:4504164	SSF x Far_LoA	-11,169	-0,016	0,305
CHR3	4517553	CHR3:4517553	SSF x Far_LoA	-6,937	-0,112	0,293
CHR3	4517744	CHR3:4517744	SSF x Far_LoA	-7,318	-0,138	0,285
CHR3	4519626	CHR3:4519626	SSF x Far_LoA	-9,222	-0,011	0,288
CHR3	4520007	CHR3:4520007	SSF x Far_LoA	-9,436	-0,019	0,293
CHR3	4548206	CHR3:4548206	SSF x Far_LoA	-6,128	-0,009	0,301
CHR3	4548208	CHR3:4548208	SSF x Far_LoA	-2,268	0,076	0,288
CHR3	4548313	CHR3:4548313	SSF x Far_LoA	-10,850	-0,003	0,279
CHR3	4548353	CHR3:4548353	SSF x Far_LoA	-8,623	-0,046	0,298
CHR3	4555616	CHR3:4555616	SSF x Far_LoA	-10,131	0,038	0,301
CHR3	4561609	CHR3:4561609	SSF x Far_LoA	-10,929	-0,048	0,276

CHR3	4561761	CHR3:4561761	SSF x Far_LoA	-8,678	-0,038	0,295
CHR3	4561768	CHR3:4561768	SSF x Far_LoA	-9,527	-0,031	0,292
CHR3	4561841	CHR3:4561841	SSF x Far_LoA	-9,733	-0,044	0,289
CHR3	4603125	CHR3:4603125	SSF x Far_LoA	-9,071	0,033	0,286
CHR3	4603157	CHR3:4603157	SSF x Far_LoA	-9,464	-0,135	0,300
CHR3	4603199	CHR3:4603199	SSF x Far_LoA	-7,890	-0,003	0,292
CHR3	4619626	CHR3:4619626	SSF x Far_LoA	-10,886	0,059	0,292
CHR3	4619628	CHR3:4619628	SSF x Far_LoA	-9,350	0,097	0,271
CHR3	4619680	CHR3:4619680	SSF x Far_LoA	-9,699	-0,005	0,294
CHR3	4619741	CHR3:4619741	SSF x Far_LoA	-9,269	0,090	0,304
CHR3	4621606	CHR3:4621606	SSF x Far_LoA	-9,890	0,025	0,304
CHR3	4621617	CHR3:4621617	SSF x Far_LoA	-9,673	0,057	0,294
CHR3	4621756	CHR3:4621756	SSF x Far_LoA	-9,496	-0,053	0,288
CHR3	4621823	CHR3:4621823	SSF x Far_LoA	-9,617	-0,039	0,284
CHR3	4638416	CHR3:4638416	SSF x Far_LoA	-8,109	-0,095	0,288
CHR3	4638418	CHR3:4638418	SSF x Far_LoA	-7,256	0,166	0,288
CHR3	4639868	CHR3:4639868	SSF x Far_LoA	-6,937	0,172	0,279
CHR3	4639910	CHR3:4639910	SSF x Far_LoA	-11,171	-0,053	0,280
CHR3	4640023	CHR3:4640023	SSF x Far_LoA	-7,652	0,029	0,285
CHR3	4656811	CHR3:4656811	SSF x Far_LoA	-11,659	-0,064	0,302
CHR3	4656888	CHR3:4656888	SSF x Far_LoA	-10,793	-0,103	0,275
CHR3	4657162	CHR3:4657162	SSF x Far_LoA	-10,230	0,052	0,288
CHR3	4657166	CHR3:4657166	SSF x Far_LoA	-11,839	0,096	0,291
CHR3	4662019	CHR3:4662019	SSF x Far_LoA	-7,476	-0,117	0,289
CHR3	4662138	CHR3:4662138	SSF x Far_LoA	-8,650	0,007	0,295
CHR3	4662196	CHR3:4662196	SSF x Far_LoA	-10,645	0,046	0,276
CHR3	4662287	CHR3:4662287	SSF x Far_LoA	-6,876	0,128	0,288
CHR3	466298	CHR3:466298	SSF x Far_LoA	-10,406	0,032	0,290
CHR3	466534	CHR3:466534	SSF x Far_LoA	-8,655	-0,065	0,293
CHR3	4676312	CHR3:4676312	SSF x Far_LoA	-8,711	-0,026	0,297
CHR3	4676339	CHR3:4676339	SSF x Far_LoA	-9,666	-0,031	0,283
CHR3	4690068	CHR3:4690068	SSF x Far_LoA	-10,995	-0,059	0,292
CHR3	4696949	CHR3:4696949	SSF x Far_LoA	-10,097	0,068	0,294
CHR3	4696966	CHR3:4696966	SSF x Far_LoA	-8,550	-0,116	0,266
CHR3	4696989	CHR3:4696989	SSF x Far_LoA	7,656	-0,083	0,290
CHR3	4702093	CHR3:4702093	SSF x Far_LoA	-10,389	0,060	0,267
CHR3	4702096	CHR3:4702096	SSF x Far_LoA	-10,334	-0,055	0,298
CHR3	4702255	CHR3:4702255	SSF x Far_LoA	-8,688	0,042	0,295
CHR3	4702257	CHR3:4702257	SSF x Far_LoA	-10,228	0,015	0,295
CHR3	4702265	CHR3:4702265	SSF x Far_LoA	-9,726	0,023	0,291
CHR3	4705836	CHR3:4705836	SSF x Far_LoA	-10,846	-0,016	0,293
CHR3	4705951	CHR3:4705951	SSF x Far_LoA	-8,748	-0,001	0,298
CHR3	4706075	CHR3:4706075	SSF x Far_LoA	-8,403	0,090	0,299
CHR3	4715537	CHR3:4715537	SSF x Far_LoA	-11,217	-0,071	0,294
CHR3	4715918	CHR3:4715918	SSF x Far_LoA	-11,398	-0,008	0,284
CHR3	4715923	CHR3:4715923	SSF x Far_LoA	-11,632	0,056	0,280
CHR3	4715993	CHR3:4715993	SSF x Far_LoA	-8,726	0,056	0,304
CHR3	4715994	CHR3:4715994	SSF x Far_LoA	-8,865	0,014	0,294
CHR3	4722929	CHR3:4722929	SSF x Far_LoA	-9,750	0,048	0,293
CHR3	4723015	CHR3:4723015	SSF x Far_LoA	-8,679	-0,040	0,298
CHR3	4723116	CHR3:4723116	SSF x Far_LoA	-10,785	-0,068	0,303
CHR3	4723265	CHR3:4723265	SSF x Far_LoA	-9,213	0,035	0,295
CHR3	4723295	CHR3:4723295	SSF x Far_LoA	-5,703	0,040	0,279

CHR3	4728317	CHR3:4728317	SSF x Far_LoA	-7,708	0,004	0,309
CHR3	4728497	CHR3:4728497	SSF x Far_LoA	-9,653	0,075	0,299
CHR3	4728520	CHR3:4728520	SSF x Far_LoA	-8,964	0,006	0,295
CHR3	4728552	CHR3:4728552	SSF x Far_LoA	-9,259	-0,116	0,274
CHR3	4728553	CHR3:4728553	SSF x Far_LoA	-9,311	0,106	0,289
CHR3	4728614	CHR3:4728614	SSF x Far_LoA	-10,990	0,045	0,303
CHR3	4728632	CHR3:4728632	SSF x Far_LoA	-11,307	0,026	0,301
CHR3	4728636	CHR3:4728636	SSF x Far_LoA	-10,360	-0,009	0,295
CHR3	4728715	CHR3:4728715	SSF x Far_LoA	-11,879	-0,039	0,292
CHR3	4759680	CHR3:4759680	SSF x Far_LoA	-8,512	0,155	0,286
CHR3	4764116	CHR3:4764116	SSF x Far_LoA	-9,286	0,031	0,286
CHR3	4764119	CHR3:4764119	SSF x Far_LoA	-8,589	0,002	0,295
CHR3	4764281	CHR3:4764281	SSF x Far_LoA	-10,161	0,044	0,290
CHR3	4764323	CHR3:4764323	SSF x Far_LoA	-10,774	-0,097	0,287
CHR3	4764332	CHR3:4764332	SSF x Far_LoA	-7,600	-0,058	0,279
CHR3	4764375	CHR3:4764375	SSF x Far_LoA	-8,307	-0,116	0,281
CHR3	4790563	CHR3:4790563	SSF x Far_LoA	-12,064	-0,018	0,284
CHR3	4790606	CHR3:4790606	SSF x Far_LoA	-11,953	0,031	0,277
CHR3	4790847	CHR3:4790847	SSF x Far_LoA	-6,393	0,177	0,286
CHR3	4790887	CHR3:4790887	SSF x Far_LoA	-9,633	0,048	0,289
CHR3	4791567	CHR3:4791567	SSF x Far_LoA	-7,976	-0,114	0,305
CHR3	4791601	CHR3:4791601	SSF x Far_LoA	-7,766	0,024	0,286
CHR3	4791670	CHR3:4791670	SSF x Far_LoA	-8,169	0,020	0,288
CHR3	4791830	CHR3:4791830	SSF x Far_LoA	-7,864	-0,136	0,288
CHR3	4791883	CHR3:4791883	SSF x Far_LoA	-10,667	-0,067	0,311
CHR3	4799672	CHR3:4799672	SSF x Far_LoA	-7,942	-0,118	0,286
CHR3	4799702	CHR3:4799702	SSF x Far_LoA	-9,136	-0,029	0,289
CHR3	4799750	CHR3:4799750	SSF x Far_LoA	-11,087	-0,079	0,294
CHR3	4808093	CHR3:4808093	SSF x Far_LoA	-10,016	0,042	0,294
CHR3	4808152	CHR3:4808152	SSF x Far_LoA	-8,395	0,009	0,287
CHR3	4808219	CHR3:4808219	SSF x Far_LoA	-9,897	-0,073	0,291
CHR3	4824650	CHR3:4824650	SSF x Far_LoA	-10,116	-0,076	0,296
CHR3	4824657	CHR3:4824657	SSF x Far_LoA	-9,304	0,040	0,296
CHR3	4824700	CHR3:4824700	SSF x Far_LoA	-9,503	0,044	0,287
CHR3	4827058	CHR3:4827058	SSF x Far_LoA	-11,448	0,002	0,292
CHR3	483453	CHR3:483453	SSF x Far_LoA	-9,162	0,163	0,296
CHR3	4836934	CHR3:4836934	SSF x Far_LoA	-9,913	-0,099	0,275
CHR3	4836957	CHR3:4836957	SSF x Far_LoA	-8,063	-0,095	0,282
CHR3	4850251	CHR3:4850251	SSF x Far_LoA	-11,093	-0,020	0,298
CHR3	4850291	CHR3:4850291	SSF x Far_LoA	-9,267	-0,048	0,302
CHR3	487943	CHR3:487943	SSF x Far_LoA	-8,707	0,128	0,310
CHR3	4901397	CHR3:4901397	SSF x Far_LoA	-9,414	-0,073	0,291
CHR3	4901461	CHR3:4901461	SSF x Far_LoA	-8,333	0,058	0,286
CHR3	4901467	CHR3:4901467	SSF x Far_LoA	-11,288	0,036	0,290
CHR3	4901494	CHR3:4901494	SSF x Far_LoA	-11,286	0,036	0,282
CHR3	4901550	CHR3:4901550	SSF x Far_LoA	-9,015	0,034	0,300
CHR3	4901565	CHR3:4901565	SSF x Far_LoA	-11,345	-0,049	0,286
CHR3	4901947	CHR3:4901947	SSF x Far_LoA	-6,017	-0,074	0,312
CHR3	4901958	CHR3:4901958	SSF x Far_LoA	-11,684	0,094	0,285
CHR3	4902004	CHR3:4902004	SSF x Far_LoA	-8,550	0,026	0,310
CHR3	4902022	CHR3:4902022	SSF x Far_LoA	-9,091	0,032	0,293
CHR3	4902030	CHR3:4902030	SSF x Far_LoA	-8,045	-0,003	0,294
CHR3	4919970	CHR3:4919970	SSF x Far_LoA	-11,165	0,065	0,281

CHR3	4934142	CHR3:4934142	SSF x Far_LoA	-7,102	0,148	0,295
CHR3	4952625	CHR3:4952625	SSF x Far_LoA	-2,973	0,044	0,298
CHR3	4952663	CHR3:4952663	SSF x Far_LoA	-9,960	-0,002	0,273
CHR3	496167	CHR3:496167	SSF x Far_LoA	-4,803	0,100	0,295
CHR3	4982044	CHR3:4982044	SSF x Far_LoA	-5,432	0,177	0,281
CHR3	4982065	CHR3:4982065	SSF x Far_LoA	-8,036	-0,076	0,286
CHR3	4982186	CHR3:4982186	SSF x Far_LoA	-5,632	0,055	0,304
CHR3	5044746	CHR3:5044746	SSF x Far_LoA	-7,588	0,012	0,304
CHR3	5055579	CHR3:5055579	SSF x Far_LoA	-8,385	-0,030	0,300
CHR3	5055799	CHR3:5055799	SSF x Far_LoA	-9,063	0,069	0,310
CHR3	5055859	CHR3:5055859	SSF x Far_LoA	-7,573	0,193	0,281
CHR3	5055881	CHR3:5055881	SSF x Far_LoA	-8,667	0,059	0,289
CHR3	5055905	CHR3:5055905	SSF x Far_LoA	-11,287	0,000	0,282
CHR3	5055925	CHR3:5055925	SSF x Far_LoA	-7,259	-0,177	0,290
CHR3	5055928	CHR3:5055928	SSF x Far_LoA	-9,134	-0,023	0,302
CHR3	510690	CHR3:510690	SSF x Far_LoA	-11,190	-0,009	0,287
CHR3	5113085	CHR3:5113085	SSF x Far_LoA	-10,706	0,116	0,285
CHR3	5140715	CHR3:5140715	SSF x Far_LoA	-10,787	-0,075	0,284
CHR3	5140984	CHR3:5140984	SSF x Far_LoA	-12,781	-0,026	0,278
CHR3	5141024	CHR3:5141024	SSF x Far_LoA	-12,250	-0,002	0,285
CHR3	5141120	CHR3:5141120	SSF x Far_LoA	-7,446	-0,012	0,299
CHR3	5146218	CHR3:5146218	SSF x Far_LoA	-10,228	-0,003	0,283
CHR3	5146300	CHR3:5146300	SSF x Far_LoA	-8,428	-0,160	0,294
CHR3	5146357	CHR3:5146357	SSF x Far_LoA	-10,698	0,108	0,282
CHR3	5147785	CHR3:5147785	SSF x Far_LoA	-7,273	-0,103	0,299
CHR3	5161956	CHR3:5161956	SSF x Far_LoA	-8,588	0,044	0,299
CHR3	5161996	CHR3:5161996	SSF x Far_LoA	-9,345	-0,064	0,299
CHR3	5162031	CHR3:5162031	SSF x Far_LoA	-11,363	0,020	0,297
CHR3	5162103	CHR3:5162103	SSF x Far_LoA	-11,285	-0,015	0,304
CHR3	5173288	CHR3:5173288	SSF x Far_LoA	-8,044	0,156	0,288
CHR3	5175117	CHR3:5175117	SSF x Far_LoA	-10,262	0,042	0,284
CHR3	5175128	CHR3:5175128	SSF x Far_LoA	-8,798	0,087	0,276
CHR3	5175164	CHR3:5175164	SSF x Far_LoA	-7,778	0,135	0,272
CHR3	5191187	CHR3:5191187	SSF x Far_LoA	-8,290	-0,123	0,280
CHR3	5191276	CHR3:5191276	SSF x Far_LoA	-9,815	0,102	0,288
CHR3	519623	CHR3:519623	SSF x Far_LoA	-10,352	0,063	0,273
CHR3	5205028	CHR3:5205028	SSF x Far_LoA	-9,425	-0,068	0,288
CHR3	5205030	CHR3:5205030	SSF x Far_LoA	-9,275	0,108	0,283
CHR3	5205230	CHR3:5205230	SSF x Far_LoA	-10,096	0,011	0,286
CHR3	5205232	CHR3:5205232	SSF x Far_LoA	-9,424	-0,015	0,302
CHR3	522582	CHR3:522582	SSF x Far_LoA	-7,801	-0,034	0,292
CHR3	5228652	CHR3:5228652	SSF x Far_LoA	-8,080	0,042	0,299
CHR3	5228963	CHR3:5228963	SSF x Far_LoA	-10,285	0,103	0,294
CHR3	5230446	CHR3:5230446	SSF x Far_LoA	-9,288	-0,003	0,300
CHR3	5230604	CHR3:5230604	SSF x Far_LoA	-10,618	-0,092	0,296
CHR3	5230618	CHR3:5230618	SSF x Far_LoA	-7,539	0,096	0,289
CHR3	5253735	CHR3:5253735	SSF x Far_LoA	-11,028	0,015	0,282
CHR3	5253822	CHR3:5253822	SSF x Far_LoA	-5,510	0,083	0,291
CHR3	5259656	CHR3:5259656	SSF x Far_LoA	-10,135	-0,015	0,316
CHR3	5259726	CHR3:5259726	SSF x Far_LoA	-10,709	0,142	0,283
CHR3	5259803	CHR3:5259803	SSF x Far_LoA	-7,707	0,143	0,274
CHR3	5268146	CHR3:5268146	SSF x Far_LoA	-11,878	0,042	0,291
CHR3	5268173	CHR3:5268173	SSF x Far_LoA	-9,825	0,023	0,296

CHR3	5268178	CHR3:5268178	SSF x Far_LoA	-8,587	-0,033	0,286
CHR3	5268193	CHR3:5268193	SSF x Far_LoA	-10,422	0,033	0,300
CHR3	5268243	CHR3:5268243	SSF x Far_LoA	-4,758	0,041	0,262
CHR3	5268266	CHR3:5268266	SSF x Far_LoA	-9,107	0,062	0,296
CHR3	5268282	CHR3:5268282	SSF x Far_LoA	-7,192	0,068	0,305
CHR3	5268291	CHR3:5268291	SSF x Far_LoA	-7,403	0,075	0,301
CHR3	5268320	CHR3:5268320	SSF x Far_LoA	-9,401	0,064	0,287
CHR3	5268342	CHR3:5268342	SSF x Far_LoA	-6,294	0,108	0,296
CHR3	5268380	CHR3:5268380	SSF x Far_LoA	-6,427	-0,025	0,290
CHR3	5276448	CHR3:5276448	SSF x Far_LoA	-4,380	0,121	0,280
CHR3	5276548	CHR3:5276548	SSF x Far_LoA	-9,745	-0,085	0,294
CHR3	5286378	CHR3:5286378	SSF x Far_LoA	-8,550	-0,046	0,297
CHR3	5286681	CHR3:5286681	SSF x Far_LoA	-9,328	-0,134	0,298
CHR3	5291834	CHR3:5291834	SSF x Far_LoA	-8,815	-0,014	0,292
CHR3	5294558	CHR3:5294558	SSF x Far_LoA	-11,105	-0,004	0,295
CHR3	5294615	CHR3:5294615	SSF x Far_LoA	-8,814	0,081	0,276
CHR3	5294715	CHR3:5294715	SSF x Far_LoA	-8,222	-0,064	0,292
CHR3	5294775	CHR3:5294775	SSF x Far_LoA	-11,537	-0,093	0,285
CHR3	5301905	CHR3:5301905	SSF x Far_LoA	-11,573	-0,022	0,298
CHR3	5303136	CHR3:5303136	SSF x Far_LoA	-11,292	-0,044	0,286
CHR3	5303165	CHR3:5303165	SSF x Far_LoA	-10,756	-0,021	0,299
CHR3	5305643	CHR3:5305643	SSF x Far_LoA	-8,681	-0,024	0,282
CHR3	5305650	CHR3:5305650	SSF x Far_LoA	-8,947	-0,017	0,289
CHR3	5326114	CHR3:5326114	SSF x Far_LoA	-4,026	-0,146	0,296
CHR3	5326153	CHR3:5326153	SSF x Far_LoA	-9,386	0,031	0,295
CHR3	5326185	CHR3:5326185	SSF x Far_LoA	-10,154	0,020	0,295
CHR3	5326221	CHR3:5326221	SSF x Far_LoA	-8,698	0,051	0,302
CHR3	536195	CHR3:536195	SSF x Far_LoA	-8,465	0,032	0,291
CHR3	536221	CHR3:536221	SSF x Far_LoA	-9,128	0,016	0,303
CHR3	536277	CHR3:536277	SSF x Far_LoA	-10,156	-0,068	0,281
CHR3	536328	CHR3:536328	SSF x Far_LoA	-11,403	0,053	0,299
CHR3	5365386	CHR3:5365386	SSF x Far_LoA	-9,627	-0,022	0,292
CHR3	5369613	CHR3:5369613	SSF x Far_LoA	-10,712	-0,002	0,288
CHR3	5379029	CHR3:5379029	SSF x Far_LoA	-8,607	0,009	0,288
CHR3	5379133	CHR3:5379133	SSF x Far_LoA	-11,049	0,030	0,282
CHR3	5379175	CHR3:5379175	SSF x Far_LoA	-8,224	0,034	0,295
CHR3	5385209	CHR3:5385209	SSF x Far_LoA	-7,589	0,034	0,290
CHR3	5385324	CHR3:5385324	SSF x Far_LoA	-9,085	-0,065	0,280
CHR3	5386759	CHR3:5386759	SSF x Far_LoA	-8,988	-0,041	0,269
CHR3	5386777	CHR3:5386777	SSF x Far_LoA	-10,698	0,013	0,288
CHR3	539478	CHR3:539478	SSF x Far_LoA	-10,898	0,062	0,297
CHR3	539482	CHR3:539482	SSF x Far_LoA	-11,968	0,049	0,284
CHR3	5410190	CHR3:5410190	SSF x Far_LoA	-9,501	-0,057	0,285
CHR3	5419738	CHR3:5419738	SSF x Far_LoA	-8,889	0,095	0,292
CHR3	542502	CHR3:542502	SSF x Far_LoA	-9,108	0,053	0,298
CHR3	542552	CHR3:542552	SSF x Far_LoA	-8,337	0,041	0,302
CHR3	542572	CHR3:542572	SSF x Far_LoA	-12,209	-0,001	0,280
CHR3	542574	CHR3:542574	SSF x Far_LoA	-9,778	-0,030	0,300
CHR3	542583	CHR3:542583	SSF x Far_LoA	-9,124	0,030	0,311
CHR3	542670	CHR3:542670	SSF x Far_LoA	-8,470	0,011	0,303
CHR3	542689	CHR3:542689	SSF x Far_LoA	-11,458	0,097	0,289
CHR3	5453010	CHR3:5453010	SSF x Far_LoA	-8,188	0,070	0,274
CHR3	5453047	CHR3:5453047	SSF x Far_LoA	-8,146	-0,139	0,286

CHR3	5463432	CHR3:5463432	SSF x Far_LoA	-11,258	-0,038	0,285
CHR3	5463503	CHR3:5463503	SSF x Far_LoA	-9,358	0,001	0,292
CHR3	5463517	CHR3:5463517	SSF x Far_LoA	-8,778	-0,077	0,291
CHR3	5463527	CHR3:5463527	SSF x Far_LoA	2,160	-0,038	0,286
CHR3	5474373	CHR3:5474373	SSF x Far_LoA	-10,538	-0,037	0,287
CHR3	5474378	CHR3:5474378	SSF x Far_LoA	-4,715	-0,087	0,299
CHR3	5474447	CHR3:5474447	SSF x Far_LoA	-9,159	-0,052	0,300
CHR3	5474488	CHR3:5474488	SSF x Far_LoA	-4,028	0,157	0,287
CHR3	5474493	CHR3:5474493	SSF x Far_LoA	-9,015	-0,113	0,277
CHR3	5477422	CHR3:5477422	SSF x Far_LoA	-11,098	0,031	0,296
CHR3	5477426	CHR3:5477426	SSF x Far_LoA	-6,492	0,036	0,282
CHR3	5477499	CHR3:5477499	SSF x Far_LoA	-11,230	0,019	0,269
CHR3	5477694	CHR3:5477694	SSF x Far_LoA	-8,796	0,094	0,303
CHR3	5477708	CHR3:5477708	SSF x Far_LoA	-9,080	0,034	0,311
CHR3	5477719	CHR3:5477719	SSF x Far_LoA	-10,926	0,044	0,284
CHR3	5479092	CHR3:5479092	SSF x Far_LoA	-11,035	0,000	0,279
CHR3	5479166	CHR3:5479166	SSF x Far_LoA	-9,571	0,007	0,301
CHR3	5487667	CHR3:5487667	SSF x Far_LoA	-9,854	-0,018	0,286
CHR3	5487688	CHR3:5487688	SSF x Far_LoA	-8,286	-0,076	0,301
CHR3	5487715	CHR3:5487715	SSF x Far_LoA	-8,735	-0,003	0,305
CHR3	5487730	CHR3:5487730	SSF x Far_LoA	-9,218	-0,060	0,289
CHR3	5487732	CHR3:5487732	SSF x Far_LoA	-11,675	-0,085	0,282
CHR3	5487754	CHR3:5487754	SSF x Far_LoA	-8,838	0,067	0,302
CHR3	5487757	CHR3:5487757	SSF x Far_LoA	-8,581	0,068	0,299
CHR3	5487790	CHR3:5487790	SSF x Far_LoA	-10,443	-0,027	0,304
CHR3	5487802	CHR3:5487802	SSF x Far_LoA	-7,867	0,042	0,282
CHR3	5487803	CHR3:5487803	SSF x Far_LoA	-8,727	-0,028	0,286
CHR3	5487808	CHR3:5487808	SSF x Far_LoA	-9,067	-0,039	0,298
CHR3	549141	CHR3:549141	SSF x Far_LoA	-11,871	-0,007	0,290
CHR3	5503954	CHR3:5503954	SSF x Far_LoA	-9,415	-0,071	0,290
CHR3	5533106	CHR3:5533106	SSF x Far_LoA	-9,561	0,026	0,275
CHR3	5535261	CHR3:5535261	SSF x Far_LoA	-10,428	0,008	0,299
CHR3	5543177	CHR3:5543177	SSF x Far_LoA	-11,457	0,000	0,282
CHR3	5547583	CHR3:5547583	SSF x Far_LoA	-9,392	-0,022	0,288
CHR3	5548229	CHR3:5548229	SSF x Far_LoA	-10,138	0,116	0,289
CHR3	5548345	CHR3:5548345	SSF x Far_LoA	-11,559	0,017	0,300
CHR3	5548369	CHR3:5548369	SSF x Far_LoA	-7,078	0,035	0,287
CHR3	5551946	CHR3:5551946	SSF x Far_LoA	-9,204	0,039	0,286
CHR3	5552205	CHR3:5552205	SSF x Far_LoA	-8,416	-0,108	0,283
CHR3	5562936	CHR3:5562936	SSF x Far_LoA	-8,118	0,158	0,271
CHR3	5562945	CHR3:5562945	SSF x Far_LoA	-7,704	-0,022	0,299
CHR3	5563042	CHR3:5563042	SSF x Far_LoA	-7,224	0,072	0,306
CHR3	5563126	CHR3:5563126	SSF x Far_LoA	-11,990	0,018	0,284
CHR3	5563139	CHR3:5563139	SSF x Far_LoA	-9,827	0,013	0,296
CHR3	5593351	CHR3:5593351	SSF x Far_LoA	-8,510	0,182	0,292
CHR3	5593479	CHR3:5593479	SSF x Far_LoA	-12,090	-0,002	0,278
CHR3	5599217	CHR3:5599217	SSF x Far_LoA	-8,364	-0,025	0,296
CHR3	5599316	CHR3:5599316	SSF x Far_LoA	-9,758	-0,006	0,281
CHR3	5599982	CHR3:5599982	SSF x Far_LoA	-7,910	0,001	0,290
CHR3	5606919	CHR3:5606919	SSF x Far_LoA	-8,252	-0,136	0,283
CHR3	5607049	CHR3:5607049	SSF x Far_LoA	-10,754	0,042	0,293
CHR3	5607050	CHR3:5607050	SSF x Far_LoA	-7,395	-0,157	0,280
CHR3	5607054	CHR3:5607054	SSF x Far_LoA	-6,772	-0,140	0,279

CHR3	5615225	CHR3:5615225	SSF x Far_LoA	-9,559	-0,114	0,281
CHR3	5622129	CHR3:5622129	SSF x Far_LoA	-9,818	0,069	0,294
CHR3	5622151	CHR3:5622151	SSF x Far_LoA	-9,202	-0,108	0,282
CHR3	5623388	CHR3:5623388	SSF x Far_LoA	-6,965	0,108	0,293
CHR3	5623411	CHR3:5623411	SSF x Far_LoA	-8,755	0,076	0,319
CHR3	5623506	CHR3:5623506	SSF x Far_LoA	-1,076	0,118	0,280
CHR3	5628159	CHR3:5628159	SSF x Far_LoA	-9,928	0,036	0,279
CHR3	5631344	CHR3:5631344	SSF x Far_LoA	-9,231	0,115	0,301
CHR3	5631449	CHR3:5631449	SSF x Far_LoA	-11,786	0,026	0,295
CHR3	5642623	CHR3:5642623	SSF x Far_LoA	-10,006	-0,156	0,294
CHR3	5642686	CHR3:5642686	SSF x Far_LoA	-10,767	0,067	0,282
CHR3	5642795	CHR3:5642795	SSF x Far_LoA	-7,999	0,036	0,296
CHR3	5655223	CHR3:5655223	SSF x Far_LoA	-11,547	-0,029	0,296
CHR3	5655424	CHR3:5655424	SSF x Far_LoA	-8,936	0,072	0,282
CHR3	566285	CHR3:566285	SSF x Far_LoA	-9,627	0,094	0,294
CHR3	5664881	CHR3:5664881	SSF x Far_LoA	-9,051	-0,041	0,289
CHR3	5665019	CHR3:5665019	SSF x Far_LoA	-10,053	0,037	0,299
CHR3	5665037	CHR3:5665037	SSF x Far_LoA	-9,350	-0,060	0,298
CHR3	5665148	CHR3:5665148	SSF x Far_LoA	-10,605	-0,015	0,283
CHR3	5681046	CHR3:5681046	SSF x Far_LoA	-6,560	0,071	0,300
CHR3	5682299	CHR3:5682299	SSF x Far_LoA	-8,230	-0,043	0,295
CHR3	5682451	CHR3:5682451	SSF x Far_LoA	-8,916	-0,067	0,298
CHR3	5682504	CHR3:5682504	SSF x Far_LoA	-7,227	0,125	0,304
CHR3	5682510	CHR3:5682510	SSF x Far_LoA	-10,178	0,036	0,297
CHR3	5683446	CHR3:5683446	SSF x Far_LoA	-10,089	-0,047	0,295
CHR3	5683475	CHR3:5683475	SSF x Far_LoA	-10,596	-0,014	0,277
CHR3	5683914	CHR3:5683914	SSF x Far_LoA	-1,077	-0,159	0,293
CHR3	5704622	CHR3:5704622	SSF x Far_LoA	-8,737	-0,114	0,284
CHR3	5704652	CHR3:5704652	SSF x Far_LoA	-8,548	-0,087	0,287
CHR3	5704698	CHR3:5704698	SSF x Far_LoA	-6,356	0,113	0,301
CHR3	5710099	CHR3:5710099	SSF x Far_LoA	-8,812	-0,088	0,284
CHR3	5710150	CHR3:5710150	SSF x Far_LoA	-8,691	-0,081	0,261
CHR3	5710272	CHR3:5710272	SSF x Far_LoA	-7,823	-0,098	0,301
CHR3	5710348	CHR3:5710348	SSF x Far_LoA	-10,914	-0,039	0,275
CHR3	5717582	CHR3:5717582	SSF x Far_LoA	-12,129	-0,043	0,288
CHR3	5717631	CHR3:5717631	SSF x Far_LoA	-10,578	-0,068	0,305
CHR3	5717675	CHR3:5717675	SSF x Far_LoA	-9,595	-0,067	0,313
CHR3	5717685	CHR3:5717685	SSF x Far_LoA	-10,300	0,035	0,295
CHR3	5719103	CHR3:5719103	SSF x Far_LoA	-8,375	0,021	0,300
CHR3	5719216	CHR3:5719216	SSF x Far_LoA	-11,126	0,079	0,286
CHR3	5719278	CHR3:5719278	SSF x Far_LoA	-4,886	-0,006	0,306
CHR3	5719293	CHR3:5719293	SSF x Far_LoA	-8,894	-0,072	0,299
CHR3	5723160	CHR3:5723160	SSF x Far_LoA	-5,473	0,080	0,281
CHR3	5723281	CHR3:5723281	SSF x Far_LoA	-7,596	0,183	0,277
CHR3	5752060	CHR3:5752060	SSF x Far_LoA	-11,609	0,032	0,270
CHR3	5752093	CHR3:5752093	SSF x Far_LoA	-8,563	-0,087	0,292
CHR3	5752144	CHR3:5752144	SSF x Far_LoA	-8,176	-0,028	0,275
CHR3	5752150	CHR3:5752150	SSF x Far_LoA	-8,488	0,016	0,299
CHR3	5755300	CHR3:5755300	SSF x Far_LoA	-7,372	-0,131	0,297
CHR3	5755303	CHR3:5755303	SSF x Far_LoA	-9,231	-0,111	0,288
CHR3	5755330	CHR3:5755330	SSF x Far_LoA	-8,161	-0,066	0,302
CHR3	5755339	CHR3:5755339	SSF x Far_LoA	-7,587	-0,094	0,285
CHR3	5755384	CHR3:5755384	SSF x Far_LoA	-5,925	0,175	0,275

CHR3	5761042	CHR3:5761042	SSF x Far_LoA	-9,016	-0,091	0,298
CHR3	5765499	CHR3:5765499	SSF x Far_LoA	-9,999	-0,172	0,269
CHR3	5765730	CHR3:5765730	SSF x Far_LoA	-10,633	0,059	0,299
CHR3	5768635	CHR3:5768635	SSF x Far_LoA	-10,109	-0,005	0,278
CHR3	5775393	CHR3:5775393	SSF x Far_LoA	-11,104	0,031	0,286
CHR3	5775428	CHR3:5775428	SSF x Far_LoA	0,750	0,180	0,282
CHR3	5775591	CHR3:5775591	SSF x Far_LoA	-8,993	-0,038	0,276
CHR3	5784769	CHR3:5784769	SSF x Far_LoA	-11,835	-0,020	0,280
CHR3	5784817	CHR3:5784817	SSF x Far_LoA	-11,760	-0,038	0,288
CHR3	5792518	CHR3:5792518	SSF x Far_LoA	-9,186	0,007	0,294
CHR3	5792564	CHR3:5792564	SSF x Far_LoA	-11,792	0,014	0,301
CHR3	5792593	CHR3:5792593	SSF x Far_LoA	-5,929	0,117	0,282
CHR3	5792702	CHR3:5792702	SSF x Far_LoA	-7,530	0,084	0,294
CHR3	5792732	CHR3:5792732	SSF x Far_LoA	-9,037	-0,048	0,305
CHR3	5792808	CHR3:5792808	SSF x Far_LoA	-8,461	0,077	0,288
CHR3	5792819	CHR3:5792819	SSF x Far_LoA	-3,333	-0,120	0,289
CHR3	5809046	CHR3:5809046	SSF x Far_LoA	-7,825	-0,126	0,292
CHR3	5814606	CHR3:5814606	SSF x Far_LoA	-10,059	-0,027	0,278
CHR3	5814748	CHR3:5814748	SSF x Far_LoA	-10,891	0,101	0,286
CHR3	5815693	CHR3:5815693	SSF x Far_LoA	-9,746	-0,064	0,296
CHR3	5818011	CHR3:5818011	SSF x Far_LoA	-10,802	0,014	0,301
CHR3	5818089	CHR3:5818089	SSF x Far_LoA	-8,748	0,023	0,298
CHR3	5820710	CHR3:5820710	SSF x Far_LoA	-11,182	0,012	0,298
CHR3	5843277	CHR3:5843277	SSF x Far_LoA	-7,151	-0,015	0,271
CHR3	5850959	CHR3:5850959	SSF x Far_LoA	-10,911	0,045	0,285
CHR3	5850988	CHR3:5850988	SSF x Far_LoA	-11,642	-0,034	0,286
CHR3	5851026	CHR3:5851026	SSF x Far_LoA	-9,910	-0,059	0,288
CHR3	5851041	CHR3:5851041	SSF x Far_LoA	-7,464	0,070	0,298
CHR3	5851042	CHR3:5851042	SSF x Far_LoA	-8,137	0,046	0,290
CHR3	5851068	CHR3:5851068	SSF x Far_LoA	-9,004	0,106	0,283
CHR3	5851093	CHR3:5851093	SSF x Far_LoA	-10,172	-0,050	0,292
CHR3	5851096	CHR3:5851096	SSF x Far_LoA	-10,603	-0,011	0,284
CHR3	5851102	CHR3:5851102	SSF x Far_LoA	12,785	-0,136	0,290
CHR3	5851108	CHR3:5851108	SSF x Far_LoA	-9,518	-0,064	0,307
CHR3	5851142	CHR3:5851142	SSF x Far_LoA	-10,066	-0,099	0,269
CHR3	5855240	CHR3:5855240	SSF x Far_LoA	-5,832	0,014	0,308
CHR3	5855359	CHR3:5855359	SSF x Far_LoA	-11,873	-0,003	0,287
CHR3	5855649	CHR3:5855649	SSF x Far_LoA	-8,953	0,134	0,286
CHR3	5869654	CHR3:5869654	SSF x Far_LoA	-12,716	-0,025	0,270
CHR3	5869873	CHR3:5869873	SSF x Far_LoA	-11,855	0,011	0,276
CHR3	5869917	CHR3:5869917	SSF x Far_LoA	-10,435	0,015	0,280
CHR3	5877055	CHR3:5877055	SSF x Far_LoA	-6,451	0,140	0,280
CHR3	5880183	CHR3:5880183	SSF x Far_LoA	-9,354	0,028	0,301
CHR3	5882777	CHR3:5882777	SSF x Far_LoA	-8,605	-0,035	0,286
CHR3	5882781	CHR3:5882781	SSF x Far_LoA	-8,638	-0,054	0,303
CHR3	5882810	CHR3:5882810	SSF x Far_LoA	-6,730	-0,031	0,293
CHR3	5882859	CHR3:5882859	SSF x Far_LoA	-8,601	0,050	0,289
CHR3	5882920	CHR3:5882920	SSF x Far_LoA	-10,467	0,003	0,288
CHR3	5882946	CHR3:5882946	SSF x Far_LoA	-12,419	0,052	0,290
CHR3	5883026	CHR3:5883026	SSF x Far_LoA	-9,589	0,110	0,290
CHR3	5893171	CHR3:5893171	SSF x Far_LoA	-9,618	0,030	0,275
CHR3	5893222	CHR3:5893222	SSF x Far_LoA	-7,489	0,113	0,294
CHR3	5893396	CHR3:5893396	SSF x Far_LoA	-9,933	0,108	0,276

CHR3	5893414	CHR3:5893414	SSF x Far_LoA	-11,266	-0,019	0,283
CHR3	589795	CHR3:589795	SSF x Far_LoA	-6,458	0,165	0,277
CHR3	5907683	CHR3:5907683	SSF x Far_LoA	-7,280	0,027	0,285
CHR3	5907849	CHR3:5907849	SSF x Far_LoA	-10,958	-0,029	0,304
CHR3	5908946	CHR3:5908946	SSF x Far_LoA	-10,797	0,013	0,292
CHR3	5909029	CHR3:5909029	SSF x Far_LoA	-9,113	0,129	0,279
CHR3	5918383	CHR3:5918383	SSF x Far_LoA	-9,849	0,067	0,271
CHR3	5923828	CHR3:5923828	SSF x Far_LoA	-9,519	0,032	0,310
CHR3	5925626	CHR3:5925626	SSF x Far_LoA	6,423	-0,110	0,290
CHR3	5940856	CHR3:5940856	SSF x Far_LoA	-10,438	-0,092	0,275
CHR3	5952351	CHR3:5952351	SSF x Far_LoA	-11,185	0,030	0,287
CHR3	5952394	CHR3:5952394	SSF x Far_LoA	-9,183	-0,123	0,302
CHR3	5961956	CHR3:5961956	SSF x Far_LoA	-8,498	0,015	0,296
CHR3	5961977	CHR3:5961977	SSF x Far_LoA	-8,465	0,048	0,311
CHR3	5963442	CHR3:5963442	SSF x Far_LoA	-7,964	-0,096	0,295
CHR3	5981095	CHR3:5981095	SSF x Far_LoA	-9,023	-0,019	0,278
CHR3	5981112	CHR3:5981112	SSF x Far_LoA	-8,443	0,009	0,298
CHR3	5981113	CHR3:5981113	SSF x Far_LoA	-10,661	0,020	0,293
CHR3	5981300	CHR3:5981300	SSF x Far_LoA	-8,073	0,066	0,264
CHR3	5981418	CHR3:5981418	SSF x Far_LoA	-9,170	-0,070	0,291
CHR3	5981426	CHR3:5981426	SSF x Far_LoA	-11,259	-0,083	0,281
CHR3	5981448	CHR3:5981448	SSF x Far_LoA	-9,927	0,025	0,296
CHR3	5997825	CHR3:5997825	SSF x Far_LoA	-9,821	0,040	0,288
CHR3	5997907	CHR3:5997907	SSF x Far_LoA	-9,108	0,014	0,294
CHR3	5997940	CHR3:5997940	SSF x Far_LoA	-9,610	-0,040	0,298
CHR3	600642	CHR3:600642	SSF x Far_LoA	-10,019	0,109	0,291
CHR3	6033585	CHR3:6033585	SSF x Far_LoA	-7,995	-0,106	0,274
CHR3	6033603	CHR3:6033603	SSF x Far_LoA	-9,434	0,072	0,267
CHR3	6033711	CHR3:6033711	SSF x Far_LoA	-9,453	-0,099	0,294
CHR3	6033720	CHR3:6033720	SSF x Far_LoA	-9,878	0,019	0,287
CHR3	6033728	CHR3:6033728	SSF x Far_LoA	-10,791	0,048	0,284
CHR3	6033758	CHR3:6033758	SSF x Far_LoA	-0,992	-0,043	0,301
CHR3	6033767	CHR3:6033767	SSF x Far_LoA	-9,233	0,073	0,292
CHR3	6033768	CHR3:6033768	SSF x Far_LoA	-8,584	-0,092	0,293
CHR3	6042630	CHR3:6042630	SSF x Far_LoA	-9,873	-0,110	0,287
CHR3	6042804	CHR3:6042804	SSF x Far_LoA	-6,661	0,184	0,267
CHR3	6042816	CHR3:6042816	SSF x Far_LoA	-7,493	0,181	0,269
CHR3	6046980	CHR3:6046980	SSF x Far_LoA	-9,612	0,012	0,295
CHR3	6052455	CHR3:6052455	SSF x Far_LoA	-8,356	0,065	0,296
CHR3	6052458	CHR3:6052458	SSF x Far_LoA	-9,186	-0,108	0,309
CHR3	6052466	CHR3:6052466	SSF x Far_LoA	-7,424	0,057	0,296
CHR3	6052471	CHR3:6052471	SSF x Far_LoA	-8,873	0,008	0,303
CHR3	6052528	CHR3:6052528	SSF x Far_LoA	-7,747	-0,037	0,292
CHR3	6052529	CHR3:6052529	SSF x Far_LoA	-9,460	-0,047	0,300
CHR3	6052581	CHR3:6052581	SSF x Far_LoA	-12,101	-0,065	0,294
CHR3	6052685	CHR3:6052685	SSF x Far_LoA	-7,193	-0,168	0,304
CHR3	6052734	CHR3:6052734	SSF x Far_LoA	-5,595	-0,216	0,283
CHR3	6063533	CHR3:6063533	SSF x Far_LoA	-10,706	-0,024	0,290
CHR3	6063552	CHR3:6063552	SSF x Far_LoA	-10,075	0,084	0,277
CHR3	6063564	CHR3:6063564	SSF x Far_LoA	-9,591	0,038	0,287
CHR3	6063638	CHR3:6063638	SSF x Far_LoA	-5,884	0,168	0,278
CHR3	6063650	CHR3:6063650	SSF x Far_LoA	-9,182	-0,025	0,298
CHR3	6063678	CHR3:6063678	SSF x Far_LoA	-9,765	-0,054	0,303

CHR3	6063823	CHR3:6063823	SSF x Far_LoA	-10,266	-0,001	0,290
CHR3	6063874	CHR3:6063874	SSF x Far_LoA	-9,076	-0,027	0,293
CHR3	6096032	CHR3:6096032	SSF x Far_LoA	-8,097	-0,066	0,301
CHR3	6096122	CHR3:6096122	SSF x Far_LoA	-9,181	-0,001	0,305
CHR3	6101393	CHR3:6101393	SSF x Far_LoA	-7,567	-0,141	0,277
CHR3	6143346	CHR3:6143346	SSF x Far_LoA	-7,984	-0,056	0,276
CHR3	6149567	CHR3:6149567	SSF x Far_LoA	-10,284	-0,082	0,274
CHR3	6149963	CHR3:6149963	SSF x Far_LoA	-7,238	-0,089	0,285
CHR3	6149983	CHR3:6149983	SSF x Far_LoA	-6,392	-0,053	0,309
CHR3	6149984	CHR3:6149984	SSF x Far_LoA	-10,498	0,058	0,306
CHR3	6150003	CHR3:6150003	SSF x Far_LoA	-1,345	-0,095	0,272
CHR3	6150038	CHR3:6150038	SSF x Far_LoA	-7,403	0,092	0,299
CHR3	6150063	CHR3:6150063	SSF x Far_LoA	-7,834	-0,169	0,256
CHR3	6154530	CHR3:6154530	SSF x Far_LoA	-6,588	-0,168	0,281
CHR3	6154597	CHR3:6154597	SSF x Far_LoA	-9,372	0,018	0,294
CHR3	6156971	CHR3:6156971	SSF x Far_LoA	-9,214	-0,036	0,283
CHR3	6173997	CHR3:6173997	SSF x Far_LoA	-6,068	-0,030	0,286
CHR3	6174067	CHR3:6174067	SSF x Far_LoA	-11,019	0,007	0,278
CHR3	6174081	CHR3:6174081	SSF x Far_LoA	-8,759	0,087	0,285
CHR3	6174098	CHR3:6174098	SSF x Far_LoA	-11,591	0,047	0,295
CHR3	6174103	CHR3:6174103	SSF x Far_LoA	-9,131	0,077	0,281
CHR3	6174168	CHR3:6174168	SSF x Far_LoA	-11,326	-0,131	0,273
CHR3	6185909	CHR3:6185909	SSF x Far_LoA	-3,962	0,080	0,284
CHR3	6185939	CHR3:6185939	SSF x Far_LoA	-9,322	-0,135	0,281
CHR3	6189793	CHR3:6189793	SSF x Far_LoA	-7,766	-0,032	0,292
CHR3	6189794	CHR3:6189794	SSF x Far_LoA	-8,392	-0,047	0,310
CHR3	6190082	CHR3:6190082	SSF x Far_LoA	-10,494	0,059	0,294
CHR3	6202610	CHR3:6202610	SSF x Far_LoA	-7,807	0,073	0,269
CHR3	6202719	CHR3:6202719	SSF x Far_LoA	-11,127	0,006	0,281
CHR3	6202758	CHR3:6202758	SSF x Far_LoA	-10,754	0,007	0,307
CHR3	6202821	CHR3:6202821	SSF x Far_LoA	-11,063	0,040	0,292
CHR3	6202843	CHR3:6202843	SSF x Far_LoA	-9,368	-0,077	0,286
CHR3	6211027	CHR3:6211027	SSF x Far_LoA	-11,712	0,036	0,284
CHR3	6211031	CHR3:6211031	SSF x Far_LoA	-10,831	0,041	0,303
CHR3	6219376	CHR3:6219376	SSF x Far_LoA	-7,185	0,145	0,266
CHR3	6219463	CHR3:6219463	SSF x Far_LoA	-9,348	0,013	0,285
CHR3	6219565	CHR3:6219565	SSF x Far_LoA	-9,054	-0,124	0,275
CHR3	6219567	CHR3:6219567	SSF x Far_LoA	-5,217	-0,150	0,287
CHR3	6219588	CHR3:6219588	SSF x Far_LoA	-6,998	-0,106	0,282
CHR3	6219608	CHR3:6219608	SSF x Far_LoA	-8,539	0,120	0,278
CHR3	6226399	CHR3:6226399	SSF x Far_LoA	7,495	0,142	0,292
CHR3	6226493	CHR3:6226493	SSF x Far_LoA	-8,566	0,099	0,298
CHR3	6234944	CHR3:6234944	SSF x Far_LoA	-10,758	0,017	0,304
CHR3	6237056	CHR3:6237056	SSF x Far_LoA	-9,186	0,003	0,293
CHR3	6237064	CHR3:6237064	SSF x Far_LoA	-9,259	0,041	0,282
CHR3	6237079	CHR3:6237079	SSF x Far_LoA	-10,671	-0,036	0,292
CHR3	6237123	CHR3:6237123	SSF x Far_LoA	-8,561	-0,144	0,286
CHR3	6244000	CHR3:6244000	SSF x Far_LoA	-9,916	0,111	0,296
CHR3	6244045	CHR3:6244045	SSF x Far_LoA	-6,354	0,023	0,292
CHR3	6244076	CHR3:6244076	SSF x Far_LoA	-9,654	0,048	0,298
CHR3	6244088	CHR3:6244088	SSF x Far_LoA	-6,913	0,043	0,299
CHR3	6244123	CHR3:6244123	SSF x Far_LoA	-9,944	-0,031	0,290
CHR3	6244162	CHR3:6244162	SSF x Far_LoA	-9,850	0,001	0,298

CHR3	6244257	CHR3:6244257	SSF x Far_LoA	-10,582	-0,003	0,290
CHR3	6247313	CHR3:6247313	SSF x Far_LoA	-12,042	0,012	0,277
CHR3	6247458	CHR3:6247458	SSF x Far_LoA	-10,925	-0,075	0,299
CHR3	6247465	CHR3:6247465	SSF x Far_LoA	-8,047	-0,153	0,274
CHR3	6248199	CHR3:6248199	SSF x Far_LoA	-9,147	0,076	0,298
CHR3	6254026	CHR3:6254026	SSF x Far_LoA	-9,451	-0,053	0,304
CHR3	6273763	CHR3:6273763	SSF x Far_LoA	-9,974	-0,052	0,281
CHR3	6285123	CHR3:6285123	SSF x Far_LoA	-4,734	-0,027	0,309
CHR3	6289414	CHR3:6289414	SSF x Far_LoA	-10,325	0,047	0,280
CHR3	6299388	CHR3:6299388	SSF x Far_LoA	-8,932	0,081	0,285
CHR3	6299397	CHR3:6299397	SSF x Far_LoA	-11,966	0,044	0,284
CHR3	6299544	CHR3:6299544	SSF x Far_LoA	-7,376	-0,040	0,289
CHR3	6311019	CHR3:6311019	SSF x Far_LoA	-9,248	-0,097	0,276
CHR3	6311062	CHR3:6311062	SSF x Far_LoA	-7,775	-0,008	0,275
CHR3	6311426	CHR3:6311426	SSF x Far_LoA	-9,254	-0,004	0,296
CHR3	6311469	CHR3:6311469	SSF x Far_LoA	-10,019	-0,062	0,294
CHR3	6385013	CHR3:6385013	SSF x Far_LoA	-8,710	0,040	0,290
CHR3	6385018	CHR3:6385018	SSF x Far_LoA	-8,335	0,092	0,289
CHR3	6390901	CHR3:6390901	SSF x Far_LoA	-8,502	-0,127	0,291
CHR3	6393345	CHR3:6393345	SSF x Far_LoA	-9,804	-0,041	0,297
CHR3	6393352	CHR3:6393352	SSF x Far_LoA	-11,926	0,041	0,286
CHR3	6393358	CHR3:6393358	SSF x Far_LoA	-11,325	0,019	0,291
CHR3	6393405	CHR3:6393405	SSF x Far_LoA	-6,463	-0,069	0,287
CHR3	6393470	CHR3:6393470	SSF x Far_LoA	-8,638	-0,073	0,284
CHR3	6405452	CHR3:6405452	SSF x Far_LoA	-7,977	0,045	0,277
CHR3	6445463	CHR3:6445463	SSF x Far_LoA	-4,773	-0,126	0,291
CHR3	6445488	CHR3:6445488	SSF x Far_LoA	-11,215	0,044	0,288
CHR3	6445620	CHR3:6445620	SSF x Far_LoA	-11,160	0,058	0,289
CHR3	6473995	CHR3:6473995	SSF x Far_LoA	-7,874	-0,071	0,291
CHR3	6474046	CHR3:6474046	SSF x Far_LoA	-8,841	0,055	0,294
CHR3	6474060	CHR3:6474060	SSF x Far_LoA	-8,263	-0,049	0,304
CHR3	6483913	CHR3:6483913	SSF x Far_LoA	-5,836	-0,085	0,292
CHR3	6483914	CHR3:6483914	SSF x Far_LoA	-11,171	0,061	0,298
CHR3	6484089	CHR3:6484089	SSF x Far_LoA	-10,440	-0,026	0,304
CHR3	6488968	CHR3:6488968	SSF x Far_LoA	-8,658	-0,016	0,295
CHR3	6491280	CHR3:6491280	SSF x Far_LoA	-12,387	0,029	0,288
CHR3	6491284	CHR3:6491284	SSF x Far_LoA	-9,184	-0,052	0,300
CHR3	6491288	CHR3:6491288	SSF x Far_LoA	-6,355	0,116	0,293
CHR3	6491443	CHR3:6491443	SSF x Far_LoA	-7,953	0,080	0,287
CHR3	6515847	CHR3:6515847	SSF x Far_LoA	-10,993	0,020	0,288
CHR3	6515912	CHR3:6515912	SSF x Far_LoA	-9,294	-0,100	0,296
CHR3	6515944	CHR3:6515944	SSF x Far_LoA	-11,395	0,002	0,279
CHR3	6515948	CHR3:6515948	SSF x Far_LoA	-8,770	-0,135	0,271
CHR3	6515991	CHR3:6515991	SSF x Far_LoA	-2,318	-0,075	0,298
CHR3	6515995	CHR3:6515995	SSF x Far_LoA	-9,956	-0,058	0,274
CHR3	6516080	CHR3:6516080	SSF x Far_LoA	-5,777	0,135	0,295
CHR3	6521305	CHR3:6521305	SSF x Far_LoA	-7,771	0,115	0,282
CHR3	6521529	CHR3:6521529	SSF x Far_LoA	-9,431	0,007	0,269
CHR3	6521535	CHR3:6521535	SSF x Far_LoA	-8,727	0,012	0,282
CHR3	6523918	CHR3:6523918	SSF x Far_LoA	-7,465	-0,035	0,286
CHR3	6529537	CHR3:6529537	SSF x Far_LoA	-7,266	0,130	0,302
CHR3	6529563	CHR3:6529563	SSF x Far_LoA	-8,951	0,052	0,291
CHR3	6529713	CHR3:6529713	SSF x Far_LoA	-9,355	0,069	0,292

CHR3	6531543	CHR3:6531543	SSF x Far_LoA	-10,882	0,014	0,292
CHR3	6531556	CHR3:6531556	SSF x Far_LoA	-10,433	0,004	0,293
CHR3	6535446	CHR3:6535446	SSF x Far_LoA	-9,952	-0,130	0,284
CHR3	6550892	CHR3:6550892	SSF x Far_LoA	-8,382	-0,123	0,290
CHR3	6551035	CHR3:6551035	SSF x Far_LoA	0,655	-0,064	0,301
CHR3	6567184	CHR3:6567184	SSF x Far_LoA	-11,103	-0,040	0,291
CHR3	6567307	CHR3:6567307	SSF x Far_LoA	-9,685	0,059	0,302
CHR3	6569267	CHR3:6569267	SSF x Far_LoA	-8,671	0,043	0,285
CHR3	6569447	CHR3:6569447	SSF x Far_LoA	-9,942	0,132	0,283
CHR3	6569455	CHR3:6569455	SSF x Far_LoA	-9,094	-0,103	0,266
CHR3	6569456	CHR3:6569456	SSF x Far_LoA	-6,887	-0,089	0,278
CHR3	6569726	CHR3:6569726	SSF x Far_LoA	-8,275	-0,015	0,288
CHR3	6569728	CHR3:6569728	SSF x Far_LoA	-10,924	0,014	0,278
CHR3	6569741	CHR3:6569741	SSF x Far_LoA	-9,153	0,028	0,269
CHR3	6569742	CHR3:6569742	SSF x Far_LoA	-10,340	-0,005	0,281
CHR3	6576064	CHR3:6576064	SSF x Far_LoA	-8,576	0,030	0,311
CHR3	6576947	CHR3:6576947	SSF x Far_LoA	-9,467	-0,076	0,303
CHR3	6578070	CHR3:6578070	SSF x Far_LoA	-8,222	0,192	0,278
CHR3	6578071	CHR3:6578071	SSF x Far_LoA	-8,035	-0,168	0,276
CHR3	6625877	CHR3:6625877	SSF x Far_LoA	-5,452	0,231	0,288
CHR3	6625935	CHR3:6625935	SSF x Far_LoA	-5,108	0,213	0,294
CHR3	6641810	CHR3:6641810	SSF x Far_LoA	-9,123	-0,017	0,272
CHR3	6641821	CHR3:6641821	SSF x Far_LoA	-8,134	-0,077	0,281
CHR3	6641843	CHR3:6641843	SSF x Far_LoA	-8,056	0,040	0,300
CHR3	6649789	CHR3:6649789	SSF x Far_LoA	-8,623	-0,071	0,292
CHR3	6649792	CHR3:6649792	SSF x Far_LoA	-9,709	0,019	0,282
CHR3	6649820	CHR3:6649820	SSF x Far_LoA	-9,999	-0,087	0,285
CHR3	6649884	CHR3:6649884	SSF x Far_LoA	-8,738	-0,079	0,301
CHR3	6665723	CHR3:6665723	SSF x Far_LoA	-8,788	0,069	0,277
CHR3	6665810	CHR3:6665810	SSF x Far_LoA	-9,244	0,029	0,280
CHR3	6670764	CHR3:6670764	SSF x Far_LoA	-11,397	-0,063	0,273
CHR3	6698195	CHR3:6698195	SSF x Far_LoA	-10,505	0,066	0,293
CHR3	6701516	CHR3:6701516	SSF x Far_LoA	-10,416	0,025	0,287
CHR3	6701517	CHR3:6701517	SSF x Far_LoA	-10,790	0,062	0,284
CHR3	675372	CHR3:675372	SSF x Far_LoA	-8,643	-0,199	0,281
CHR3	675377	CHR3:675377	SSF x Far_LoA	-5,076	-0,229	0,286
CHR3	6753913	CHR3:6753913	SSF x Far_LoA	-8,672	0,049	0,293
CHR3	6753960	CHR3:6753960	SSF x Far_LoA	-8,672	0,034	0,282
CHR3	6754657	CHR3:6754657	SSF x Far_LoA	-5,087	0,126	0,281
CHR3	6754662	CHR3:6754662	SSF x Far_LoA	-8,150	0,086	0,293
CHR3	6754727	CHR3:6754727	SSF x Far_LoA	-10,953	0,090	0,288
CHR3	676209	CHR3:676209	SSF x Far_LoA	-11,024	0,051	0,291
CHR3	676308	CHR3:676308	SSF x Far_LoA	-8,026	-0,176	0,290
CHR3	6764084	CHR3:6764084	SSF x Far_LoA	-6,870	0,082	0,313
CHR3	6764331	CHR3:6764331	SSF x Far_LoA	-10,629	-0,039	0,301
CHR3	6764346	CHR3:6764346	SSF x Far_LoA	-10,703	-0,072	0,278
CHR3	6764372	CHR3:6764372	SSF x Far_LoA	-10,047	-0,027	0,292
CHR3	6769782	CHR3:6769782	SSF x Far_LoA	-9,433	-0,036	0,275
CHR3	6775577	CHR3:6775577	SSF x Far_LoA	-8,177	0,089	0,298
CHR3	6775622	CHR3:6775622	SSF x Far_LoA	-8,989	-0,102	0,300
CHR3	6775691	CHR3:6775691	SSF x Far_LoA	-11,411	-0,041	0,298
CHR3	6775737	CHR3:6775737	SSF x Far_LoA	-10,360	0,025	0,306
CHR3	6775769	CHR3:6775769	SSF x Far_LoA	-9,707	-0,086	0,298

CHR3	678033	CHR3:678033	SSF x Far_LoA	-9,399	-0,163	0,294
CHR3	678110	CHR3:678110	SSF x Far_LoA	-9,762	-0,147	0,291
CHR3	678140	CHR3:678140	SSF x Far_LoA	-11,341	-0,099	0,293
CHR3	6791978	CHR3:6791978	SSF x Far_LoA	-9,633	0,136	0,285
CHR3	6791986	CHR3:6791986	SSF x Far_LoA	-9,356	0,145	0,282
CHR3	6792004	CHR3:6792004	SSF x Far_LoA	-11,550	0,040	0,287
CHR3	6799746	CHR3:6799746	SSF x Far_LoA	-8,409	0,077	0,307
CHR3	6837166	CHR3:6837166	SSF x Far_LoA	-11,983	-0,011	0,291
CHR3	6837399	CHR3:6837399	SSF x Far_LoA	-7,624	-0,102	0,283
CHR3	6842592	CHR3:6842592	SSF x Far_LoA	-8,512	-0,083	0,289
CHR3	6875928	CHR3:6875928	SSF x Far_LoA	-10,089	0,009	0,278
CHR3	6875952	CHR3:6875952	SSF x Far_LoA	-11,491	-0,020	0,299
CHR3	6875959	CHR3:6875959	SSF x Far_LoA	-8,029	0,117	0,298
CHR3	6890092	CHR3:6890092	SSF x Far_LoA	-7,394	-0,156	0,290
CHR3	6890095	CHR3:6890095	SSF x Far_LoA	-9,754	0,058	0,287
CHR3	6890133	CHR3:6890133	SSF x Far_LoA	-11,511	0,030	0,295
CHR3	6890141	CHR3:6890141	SSF x Far_LoA	-10,583	0,011	0,292
CHR3	6890176	CHR3:6890176	SSF x Far_LoA	-8,440	0,032	0,303
CHR3	6890182	CHR3:6890182	SSF x Far_LoA	-9,563	0,051	0,292
CHR3	6890218	CHR3:6890218	SSF x Far_LoA	-10,379	-0,080	0,272
CHR3	6890235	CHR3:6890235	SSF x Far_LoA	-10,704	0,113	0,262
CHR3	6897884	CHR3:6897884	SSF x Far_LoA	-10,407	0,027	0,298
CHR3	6897943	CHR3:6897943	SSF x Far_LoA	-9,661	-0,015	0,284
CHR3	6897946	CHR3:6897946	SSF x Far_LoA	-10,360	-0,011	0,297
CHR3	6897956	CHR3:6897956	SSF x Far_LoA	-8,178	-0,012	0,300
CHR3	6897974	CHR3:6897974	SSF x Far_LoA	-8,812	-0,001	0,265
CHR3	6897991	CHR3:6897991	SSF x Far_LoA	-7,654	0,087	0,297
CHR3	6898220	CHR3:6898220	SSF x Far_LoA	-11,120	-0,070	0,295
CHR3	690979	CHR3:690979	SSF x Far_LoA	-10,650	0,030	0,294
CHR3	6938914	CHR3:6938914	SSF x Far_LoA	-8,165	0,016	0,296
CHR3	6938921	CHR3:6938921	SSF x Far_LoA	-9,560	0,040	0,281
CHR3	6939063	CHR3:6939063	SSF x Far_LoA	-6,391	-0,122	0,275
CHR3	6947213	CHR3:6947213	SSF x Far_LoA	0,229	-0,001	0,296
CHR3	6947344	CHR3:6947344	SSF x Far_LoA	-8,763	0,045	0,278
CHR3	6959843	CHR3:6959843	SSF x Far_LoA	-8,778	-0,049	0,284
CHR3	6960024	CHR3:6960024	SSF x Far_LoA	-8,145	0,107	0,284
CHR3	6960026	CHR3:6960026	SSF x Far_LoA	-6,632	0,094	0,298
CHR3	6960057	CHR3:6960057	SSF x Far_LoA	-10,159	-0,038	0,291
CHR3	6974286	CHR3:6974286	SSF x Far_LoA	-10,136	-0,058	0,291
CHR3	6974366	CHR3:6974366	SSF x Far_LoA	-9,673	0,045	0,286
CHR3	6974390	CHR3:6974390	SSF x Far_LoA	-6,921	0,173	0,274
CHR3	6974616	CHR3:6974616	SSF x Far_LoA	-10,601	-0,015	0,303
CHR3	6974644	CHR3:6974644	SSF x Far_LoA	-0,142	-0,099	0,301
CHR3	6974692	CHR3:6974692	SSF x Far_LoA	-5,535	0,179	0,280
CHR3	6981415	CHR3:6981415	SSF x Far_LoA	-9,345	-0,058	0,291
CHR3	6981438	CHR3:6981438	SSF x Far_LoA	-8,502	0,002	0,306
CHR3	6981500	CHR3:6981500	SSF x Far_LoA	-10,615	-0,005	0,300
CHR3	6981501	CHR3:6981501	SSF x Far_LoA	-9,342	-0,102	0,303
CHR3	6981735	CHR3:6981735	SSF x Far_LoA	-9,960	0,028	0,286
CHR3	698403	CHR3:698403	SSF x Far_LoA	-10,321	-0,024	0,290
CHR3	698444	CHR3:698444	SSF x Far_LoA	-7,055	-0,118	0,295
CHR3	698488	CHR3:698488	SSF x Far_LoA	-11,412	0,047	0,285
CHR3	6986306	CHR3:6986306	SSF x Far_LoA	-11,617	0,047	0,285

CHR3	6986385	CHR3:6986385	SSF x Far_LoA	-7,856	0,027	0,284
CHR3	6986436	CHR3:6986436	SSF x Far_LoA	-8,919	0,084	0,286
CHR3	6986763	CHR3:6986763	SSF x Far_LoA	-8,884	0,009	0,285
CHR3	6991343	CHR3:6991343	SSF x Far_LoA	-10,092	-0,005	0,296
CHR3	6991412	CHR3:6991412	SSF x Far_LoA	-10,844	-0,039	0,289
CHR3	6991442	CHR3:6991442	SSF x Far_LoA	-8,783	-0,043	0,307
CHR3	6991544	CHR3:6991544	SSF x Far_LoA	-9,586	0,102	0,295
CHR3	6991643	CHR3:6991643	SSF x Far_LoA	-9,214	-0,004	0,280
CHR3	6991700	CHR3:6991700	SSF x Far_LoA	-8,772	0,008	0,294
CHR3	6993244	CHR3:6993244	SSF x Far_LoA	-10,414	0,022	0,298
CHR3	6993470	CHR3:6993470	SSF x Far_LoA	-10,656	-0,041	0,299
CHR3	710591	CHR3:710591	SSF x Far_LoA	-9,596	0,071	0,291
CHR3	710634	CHR3:710634	SSF x Far_LoA	-9,985	0,080	0,297
CHR3	710738	CHR3:710738	SSF x Far_LoA	-7,987	0,139	0,294
CHR3	724624	CHR3:724624	SSF x Far_LoA	-7,828	-0,021	0,299
CHR3	7298956	CHR3:7298956	SSF x Far_LoA	-4,045	-0,083	0,283
CHR3	7298995	CHR3:7298995	SSF x Far_LoA	-6,180	-0,082	0,286
CHR3	7299061	CHR3:7299061	SSF x Far_LoA	-8,502	-0,028	0,288
CHR3	7316146	CHR3:7316146	SSF x Far_LoA	-10,720	-0,028	0,299
CHR3	7353781	CHR3:7353781	SSF x Far_LoA	-9,513	-0,062	0,292
CHR3	7354044	CHR3:7354044	SSF x Far_LoA	-4,260	0,031	0,296
CHR3	7363152	CHR3:7363152	SSF x Far_LoA	-6,429	-0,201	0,291
CHR3	738004	CHR3:738004	SSF x Far_LoA	-10,019	0,000	0,290
CHR3	738212	CHR3:738212	SSF x Far_LoA	-10,295	0,044	0,304
CHR3	738228	CHR3:738228	SSF x Far_LoA	-8,161	0,021	0,306
CHR3	740327	CHR3:740327	SSF x Far_LoA	-7,553	-0,117	0,278
CHR3	7448734	CHR3:7448734	SSF x Far_LoA	-6,995	0,038	0,289
CHR3	7465697	CHR3:7465697	SSF x Far_LoA	-8,667	0,029	0,287
CHR3	7465754	CHR3:7465754	SSF x Far_LoA	-9,561	-0,020	0,287
CHR3	7465785	CHR3:7465785	SSF x Far_LoA	-8,351	-0,022	0,306
CHR3	7470480	CHR3:7470480	SSF x Far_LoA	-5,806	-0,092	0,280
CHR3	7470681	CHR3:7470681	SSF x Far_LoA	-10,370	0,061	0,299
CHR3	7470735	CHR3:7470735	SSF x Far_LoA	-9,788	0,019	0,301
CHR3	751269	CHR3:751269	SSF x Far_LoA	-7,881	0,074	0,293
CHR3	751321	CHR3:751321	SSF x Far_LoA	-10,419	-0,051	0,294
CHR3	7519328	CHR3:7519328	SSF x Far_LoA	-8,612	-0,144	0,295
CHR3	7519349	CHR3:7519349	SSF x Far_LoA	-6,936	0,158	0,292
CHR3	7596915	CHR3:7596915	SSF x Far_LoA	-10,910	0,021	0,291
CHR3	7596916	CHR3:7596916	SSF x Far_LoA	-7,842	0,002	0,307
CHR3	7596962	CHR3:7596962	SSF x Far_LoA	-11,601	-0,047	0,302
CHR3	7596973	CHR3:7596973	SSF x Far_LoA	-10,561	-0,097	0,292
CHR3	7598507	CHR3:7598507	SSF x Far_LoA	-7,391	-0,092	0,296
CHR3	7613460	CHR3:7613460	SSF x Far_LoA	-6,817	-0,134	0,282
CHR3	7632535	CHR3:7632535	SSF x Far_LoA	-9,511	0,006	0,259
CHR3	7632747	CHR3:7632747	SSF x Far_LoA	-11,876	-0,027	0,291
CHR3	7638713	CHR3:7638713	SSF x Far_LoA	-9,833	0,076	0,290
CHR3	7638714	CHR3:7638714	SSF x Far_LoA	-10,029	-0,077	0,277
CHR3	764530	CHR3:764530	SSF x Far_LoA	-2,488	-0,072	0,299
CHR3	764636	CHR3:764636	SSF x Far_LoA	-10,852	0,057	0,295
CHR3	764778	CHR3:764778	SSF x Far_LoA	-10,372	0,015	0,286
CHR3	7649586	CHR3:7649586	SSF x Far_LoA	-10,329	-0,033	0,291
CHR3	7688330	CHR3:7688330	SSF x Far_LoA	-6,615	0,093	0,285
CHR3	7694193	CHR3:7694193	SSF x Far_LoA	-10,000	-0,056	0,289

CHR3	7694443	CHR3:7694443	SSF x Far_LoA	-9,245	-0,121	0,298
CHR3	769805	CHR3:769805	SSF x Far_LoA	-9,930	-0,053	0,292
CHR3	769845	CHR3:769845	SSF x Far_LoA	-10,682	-0,067	0,298
CHR3	769890	CHR3:769890	SSF x Far_LoA	-9,304	0,016	0,292
CHR3	769967	CHR3:769967	SSF x Far_LoA	-9,086	0,016	0,285
CHR3	771473	CHR3:771473	SSF x Far_LoA	-11,187	0,100	0,280
CHR3	771480	CHR3:771480	SSF x Far_LoA	-7,627	0,037	0,303
CHR3	771672	CHR3:771672	SSF x Far_LoA	-8,662	0,074	0,292
CHR3	771710	CHR3:771710	SSF x Far_LoA	-9,419	0,035	0,293
CHR3	771714	CHR3:771714	SSF x Far_LoA	-8,820	0,027	0,283
CHR3	7718785	CHR3:7718785	SSF x Far_LoA	-8,396	0,076	0,295
CHR3	7718873	CHR3:7718873	SSF x Far_LoA	-11,074	-0,068	0,295
CHR3	7718925	CHR3:7718925	SSF x Far_LoA	-8,535	-0,018	0,287
CHR3	7719006	CHR3:7719006	SSF x Far_LoA	-11,518	-0,005	0,286
CHR3	7719025	CHR3:7719025	SSF x Far_LoA	-10,727	-0,124	0,289
CHR3	7735230	CHR3:7735230	SSF x Far_LoA	-10,134	-0,034	0,273
CHR3	7735232	CHR3:7735232	SSF x Far_LoA	-9,403	-0,047	0,266
CHR3	7735234	CHR3:7735234	SSF x Far_LoA	-9,288	-0,051	0,283
CHR3	7735260	CHR3:7735260	SSF x Far_LoA	-8,450	-0,049	0,282
CHR3	7735322	CHR3:7735322	SSF x Far_LoA	-6,961	-0,012	0,287
CHR3	773850	CHR3:773850	SSF x Far_LoA	-9,375	0,036	0,288
CHR3	773888	CHR3:773888	SSF x Far_LoA	-11,488	0,034	0,301
CHR3	773954	CHR3:773954	SSF x Far_LoA	-8,936	0,058	0,291
CHR3	774107	CHR3:774107	SSF x Far_LoA	-10,541	-0,114	0,286
CHR3	774199	CHR3:774199	SSF x Far_LoA	-10,726	-0,122	0,280
CHR3	774220	CHR3:774220	SSF x Far_LoA	-11,633	-0,089	0,279
CHR3	774242	CHR3:774242	SSF x Far_LoA	-10,305	-0,111	0,286
CHR3	774263	CHR3:774263	SSF x Far_LoA	-9,757	-0,031	0,285
CHR3	7742637	CHR3:7742637	SSF x Far_LoA	-8,388	0,040	0,297
CHR3	7742790	CHR3:7742790	SSF x Far_LoA	-9,463	-0,007	0,295
CHR3	7747521	CHR3:7747521	SSF x Far_LoA	-11,028	0,008	0,293
CHR3	7747637	CHR3:7747637	SSF x Far_LoA	-6,443	-0,074	0,281
CHR3	7747677	CHR3:7747677	SSF x Far_LoA	-8,184	-0,150	0,299
CHR3	7750833	CHR3:7750833	SSF x Far_LoA	-6,563	-0,027	0,292
CHR3	7750882	CHR3:7750882	SSF x Far_LoA	-9,325	-0,133	0,293
CHR3	7750911	CHR3:7750911	SSF x Far_LoA	-7,597	-0,086	0,285
CHR3	7750912	CHR3:7750912	SSF x Far_LoA	-7,826	-0,071	0,276
CHR3	7751059	CHR3:7751059	SSF x Far_LoA	-9,921	0,042	0,276
CHR3	7751114	CHR3:7751114	SSF x Far_LoA	-9,081	0,038	0,291
CHR3	7751121	CHR3:7751121	SSF x Far_LoA	-8,633	-0,156	0,282
CHR3	7751135	CHR3:7751135	SSF x Far_LoA	-6,759	0,077	0,275
CHR3	7751167	CHR3:7751167	SSF x Far_LoA	-9,761	0,034	0,286
CHR3	7751175	CHR3:7751175	SSF x Far_LoA	20,558	0,122	0,290
CHR3	7763483	CHR3:7763483	SSF x Far_LoA	-11,637	0,066	0,305
CHR3	7763498	CHR3:7763498	SSF x Far_LoA	-6,413	-0,051	0,297
CHR3	7779145	CHR3:7779145	SSF x Far_LoA	-8,258	0,068	0,297
CHR3	7779167	CHR3:7779167	SSF x Far_LoA	-10,265	-0,011	0,274
CHR3	7779179	CHR3:7779179	SSF x Far_LoA	-8,351	0,068	0,295
CHR3	7779186	CHR3:7779186	SSF x Far_LoA	-7,666	0,070	0,285
CHR3	7779202	CHR3:7779202	SSF x Far_LoA	-6,819	0,074	0,292
CHR3	7779239	CHR3:7779239	SSF x Far_LoA	-6,796	0,064	0,287
CHR3	7779296	CHR3:7779296	SSF x Far_LoA	-9,350	0,041	0,287
CHR3	7779305	CHR3:7779305	SSF x Far_LoA	-8,632	0,084	0,287

CHR3	7779331	CHR3:7779331	SSF x Far_LoA	-8,507	0,029	0,297
CHR3	7843401	CHR3:7843401	SSF x Far_LoA	-8,789	-0,140	0,306
CHR3	7843402	CHR3:7843402	SSF x Far_LoA	-8,453	-0,155	0,300
CHR3	7843420	CHR3:7843420	SSF x Far_LoA	-8,861	-0,020	0,282
CHR3	7843459	CHR3:7843459	SSF x Far_LoA	-9,308	-0,019	0,291
CHR3	7843489	CHR3:7843489	SSF x Far_LoA	-7,712	-0,017	0,288
CHR3	7843590	CHR3:7843590	SSF x Far_LoA	-11,372	-0,020	0,284
CHR3	7849096	CHR3:7849096	SSF x Far_LoA	-11,782	-0,019	0,293
CHR3	7849245	CHR3:7849245	SSF x Far_LoA	-8,494	0,048	0,289
CHR3	7850436	CHR3:7850436	SSF x Far_LoA	-7,530	-0,106	0,301
CHR3	7850481	CHR3:7850481	SSF x Far_LoA	-11,968	-0,031	0,279
CHR3	7850539	CHR3:7850539	SSF x Far_LoA	-11,302	-0,006	0,292
CHR3	7850566	CHR3:7850566	SSF x Far_LoA	-9,513	0,058	0,273
CHR3	7850578	CHR3:7850578	SSF x Far_LoA	-7,388	-0,107	0,296
CHR3	7850594	CHR3:7850594	SSF x Far_LoA	-6,279	-0,068	0,280
CHR3	7850664	CHR3:7850664	SSF x Far_LoA	-3,041	-0,081	0,292
CHR3	7876329	CHR3:7876329	SSF x Far_LoA	-7,653	0,189	0,298
CHR3	7882086	CHR3:7882086	SSF x Far_LoA	-11,636	-0,076	0,280
CHR3	7882105	CHR3:7882105	SSF x Far_LoA	-9,782	-0,011	0,292
CHR3	7887363	CHR3:7887363	SSF x Far_LoA	-6,622	0,024	0,311
CHR3	7887435	CHR3:7887435	SSF x Far_LoA	-10,857	0,036	0,297
CHR3	7887441	CHR3:7887441	SSF x Far_LoA	-9,034	-0,113	0,287
CHR3	7887445	CHR3:7887445	SSF x Far_LoA	-10,067	0,070	0,302
CHR3	7887470	CHR3:7887470	SSF x Far_LoA	-10,417	0,034	0,295
CHR3	7887506	CHR3:7887506	SSF x Far_LoA	-5,672	-0,088	0,306
CHR3	7887515	CHR3:7887515	SSF x Far_LoA	-11,675	0,031	0,297
CHR3	7887534	CHR3:7887534	SSF x Far_LoA	-10,113	-0,007	0,301
CHR3	7887547	CHR3:7887547	SSF x Far_LoA	-10,053	0,022	0,307
CHR3	7887557	CHR3:7887557	SSF x Far_LoA	-9,502	0,038	0,308
CHR3	7887558	CHR3:7887558	SSF x Far_LoA	-12,238	0,024	0,295
CHR3	7887561	CHR3:7887561	SSF x Far_LoA	-8,393	-0,018	0,299
CHR3	7887597	CHR3:7887597	SSF x Far_LoA	-10,477	0,022	0,296
CHR3	7905051	CHR3:7905051	SSF x Far_LoA	-10,136	-0,014	0,281
CHR3	7932953	CHR3:7932953	SSF x Far_LoA	-11,368	-0,047	0,286
CHR3	7933979	CHR3:7933979	SSF x Far_LoA	-11,724	0,003	0,283
CHR3	7934015	CHR3:7934015	SSF x Far_LoA	-12,401	0,023	0,285
CHR3	7934048	CHR3:7934048	SSF x Far_LoA	-9,228	-0,045	0,294
CHR3	7934074	CHR3:7934074	SSF x Far_LoA	-11,788	-0,031	0,294
CHR3	7934084	CHR3:7934084	SSF x Far_LoA	-11,131	-0,059	0,286
CHR3	7934112	CHR3:7934112	SSF x Far_LoA	-8,486	0,077	0,304
CHR3	7934182	CHR3:7934182	SSF x Far_LoA	-8,441	0,054	0,288
CHR3	7934187	CHR3:7934187	SSF x Far_LoA	-8,689	0,051	0,296
CHR3	7946199	CHR3:7946199	SSF x Far_LoA	-7,526	0,115	0,303
CHR3	7946263	CHR3:7946263	SSF x Far_LoA	-8,250	-0,075	0,291
CHR3	795567	CHR3:795567	SSF x Far_LoA	-8,193	0,069	0,293
CHR3	795712	CHR3:795712	SSF x Far_LoA	-8,652	0,067	0,297
CHR3	7965111	CHR3:7965111	SSF x Far_LoA	-10,162	0,030	0,291
CHR3	796557	CHR3:796557	SSF x Far_LoA	-11,534	0,089	0,290
CHR3	7965697	CHR3:7965697	SSF x Far_LoA	-8,642	0,029	0,295
CHR3	7965702	CHR3:7965702	SSF x Far_LoA	-12,350	0,001	0,285
CHR3	7965703	CHR3:7965703	SSF x Far_LoA	-11,940	0,073	0,289
CHR3	7965707	CHR3:7965707	SSF x Far_LoA	-7,860	0,010	0,295
CHR3	7965725	CHR3:7965725	SSF x Far_LoA	-9,353	-0,038	0,286

CHR3	7965748	CHR3:7965748	SSF x Far_LoA	-9,096	-0,002	0,286
CHR3	7965813	CHR3:7965813	SSF x Far_LoA	-9,966	0,022	0,280
CHR3	796594	CHR3:796594	SSF x Far_LoA	-8,363	0,094	0,299
CHR3	7978338	CHR3:7978338	SSF x Far_LoA	-7,793	0,108	0,297
CHR3	7978377	CHR3:7978377	SSF x Far_LoA	-9,833	-0,060	0,296
CHR3	7982187	CHR3:7982187	SSF x Far_LoA	-9,188	-0,027	0,278
CHR3	7986880	CHR3:7986880	SSF x Far_LoA	-8,739	0,125	0,293
CHR3	8004999	CHR3:8004999	SSF x Far_LoA	-10,153	0,069	0,289
CHR3	8009318	CHR3:8009318	SSF x Far_LoA	-10,340	0,037	0,282
CHR3	8009395	CHR3:8009395	SSF x Far_LoA	-11,114	0,074	0,306
CHR3	8009462	CHR3:8009462	SSF x Far_LoA	-8,519	0,035	0,297
CHR3	8009510	CHR3:8009510	SSF x Far_LoA	-8,445	0,030	0,307
CHR3	8009532	CHR3:8009532	SSF x Far_LoA	-9,336	-0,008	0,301
CHR3	8012286	CHR3:8012286	SSF x Far_LoA	-9,533	0,080	0,285
CHR3	8012289	CHR3:8012289	SSF x Far_LoA	-11,083	0,068	0,266
CHR3	8012293	CHR3:8012293	SSF x Far_LoA	-9,363	0,044	0,282
CHR3	8030605	CHR3:8030605	SSF x Far_LoA	-6,702	-0,191	0,286
CHR3	8030612	CHR3:8030612	SSF x Far_LoA	-10,437	-0,103	0,297
CHR3	8031176	CHR3:8031176	SSF x Far_LoA	-8,880	-0,068	0,268
CHR3	8031206	CHR3:8031206	SSF x Far_LoA	-8,810	-0,141	0,291
CHR3	8036812	CHR3:8036812	SSF x Far_LoA	-8,535	0,037	0,292
CHR3	8036899	CHR3:8036899	SSF x Far_LoA	-9,041	-0,040	0,274
CHR3	8044379	CHR3:8044379	SSF x Far_LoA	-8,171	-0,042	0,289
CHR3	8044697	CHR3:8044697	SSF x Far_LoA	-10,050	-0,014	0,295
CHR3	8044708	CHR3:8044708	SSF x Far_LoA	-11,750	0,054	0,295
CHR3	8044740	CHR3:8044740	SSF x Far_LoA	-10,487	0,004	0,285
CHR3	8069245	CHR3:8069245	SSF x Far_LoA	-7,039	-0,116	0,280
CHR3	808179	CHR3:808179	SSF x Far_LoA	-8,716	-0,014	0,301
CHR3	8084088	CHR3:8084088	SSF x Far_LoA	-11,470	0,080	0,291
CHR3	8084125	CHR3:8084125	SSF x Far_LoA	-9,280	0,108	0,297
CHR3	8084132	CHR3:8084132	SSF x Far_LoA	-7,481	-0,193	0,283
CHR3	8084174	CHR3:8084174	SSF x Far_LoA	-10,284	-0,002	0,305
CHR3	8108532	CHR3:8108532	SSF x Far_LoA	-10,217	0,165	0,288
CHR3	8108698	CHR3:8108698	SSF x Far_LoA	10,797	0,108	0,291
CHR3	8108705	CHR3:8108705	SSF x Far_LoA	-5,328	-0,048	0,282
CHR3	8131254	CHR3:8131254	SSF x Far_LoA	-3,379	-0,132	0,292
CHR3	8131311	CHR3:8131311	SSF x Far_LoA	-10,876	0,054	0,298
CHR3	8147370	CHR3:8147370	SSF x Far_LoA	-7,161	0,125	0,263
CHR3	8147420	CHR3:8147420	SSF x Far_LoA	-10,048	0,015	0,289
CHR3	8147760	CHR3:8147760	SSF x Far_LoA	-9,228	-0,099	0,292
CHR3	8156231	CHR3:8156231	SSF x Far_LoA	-9,561	-0,069	0,287
CHR3	8170936	CHR3:8170936	SSF x Far_LoA	-6,241	0,090	0,296
CHR3	8171225	CHR3:8171225	SSF x Far_LoA	-7,988	0,094	0,298
CHR3	8183430	CHR3:8183430	SSF x Far_LoA	-8,666	-0,129	0,278
CHR3	8183437	CHR3:8183437	SSF x Far_LoA	-7,200	0,004	0,305
CHR3	818602	CHR3:818602	SSF x Far_LoA	-10,494	0,010	0,284
CHR3	8215921	CHR3:8215921	SSF x Far_LoA	-11,015	-0,066	0,267
CHR3	8216001	CHR3:8216001	SSF x Far_LoA	-6,818	-0,097	0,285
CHR3	8219875	CHR3:8219875	SSF x Far_LoA	-8,680	-0,170	0,293
CHR3	8229014	CHR3:8229014	SSF x Far_LoA	-11,835	-0,048	0,285
CHR3	8229168	CHR3:8229168	SSF x Far_LoA	-11,375	-0,058	0,292
CHR3	8229175	CHR3:8229175	SSF x Far_LoA	-8,335	-0,099	0,282
CHR3	8256791	CHR3:8256791	SSF x Far_LoA	-10,103	0,004	0,288

CHR3	8256837	CHR3:8256837	SSF x Far_LoA	-9,388	-0,052	0,295
CHR3	8256900	CHR3:8256900	SSF x Far_LoA	-9,048	-0,066	0,292
CHR3	8256910	CHR3:8256910	SSF x Far_LoA	-10,585	0,097	0,293
CHR3	8257010	CHR3:8257010	SSF x Far_LoA	-8,875	-0,049	0,291
CHR3	8257035	CHR3:8257035	SSF x Far_LoA	-8,816	-0,145	0,282
CHR3	8257070	CHR3:8257070	SSF x Far_LoA	-9,163	-0,056	0,302
CHR3	8268005	CHR3:8268005	SSF x Far_LoA	-10,300	-0,017	0,292
CHR3	8268086	CHR3:8268086	SSF x Far_LoA	-9,220	-0,084	0,290
CHR3	8268101	CHR3:8268101	SSF x Far_LoA	-9,614	0,060	0,307
CHR3	8268117	CHR3:8268117	SSF x Far_LoA	-9,612	-0,033	0,297
CHR3	8268118	CHR3:8268118	SSF x Far_LoA	-8,601	-0,023	0,289
CHR3	8268119	CHR3:8268119	SSF x Far_LoA	-9,049	0,040	0,298
CHR3	8268125	CHR3:8268125	SSF x Far_LoA	-8,599	-0,063	0,296
CHR3	8268126	CHR3:8268126	SSF x Far_LoA	-7,771	-0,108	0,306
CHR3	8268148	CHR3:8268148	SSF x Far_LoA	-9,103	-0,117	0,294
CHR3	8268193	CHR3:8268193	SSF x Far_LoA	-10,468	0,072	0,300
CHR3	8268458	CHR3:8268458	SSF x Far_LoA	-8,917	0,071	0,303
CHR3	8271276	CHR3:8271276	SSF x Far_LoA	-8,492	0,075	0,273
CHR3	8271404	CHR3:8271404	SSF x Far_LoA	-4,224	0,076	0,296
CHR3	8281234	CHR3:8281234	SSF x Far_LoA	-12,179	-0,001	0,277
CHR3	8281385	CHR3:8281385	SSF x Far_LoA	-5,597	0,150	0,299
CHR3	8284754	CHR3:8284754	SSF x Far_LoA	-10,701	0,094	0,286
CHR3	8284997	CHR3:8284997	SSF x Far_LoA	-9,424	0,091	0,283
CHR3	8301600	CHR3:8301600	SSF x Far_LoA	-10,435	-0,037	0,279
CHR3	8301616	CHR3:8301616	SSF x Far_LoA	-10,722	-0,003	0,290
CHR3	8301620	CHR3:8301620	SSF x Far_LoA	-8,643	-0,084	0,291
CHR3	8301625	CHR3:8301625	SSF x Far_LoA	-11,413	0,009	0,289
CHR3	8301627	CHR3:8301627	SSF x Far_LoA	-8,534	-0,009	0,294
CHR3	8301726	CHR3:8301726	SSF x Far_LoA	-9,432	0,033	0,306
CHR3	8301776	CHR3:8301776	SSF x Far_LoA	-10,566	-0,066	0,296
CHR3	8301864	CHR3:8301864	SSF x Far_LoA	-9,851	-0,093	0,305
CHR3	8317716	CHR3:8317716	SSF x Far_LoA	-7,230	-0,168	0,290
CHR3	8329312	CHR3:8329312	SSF x Far_LoA	-8,022	0,039	0,296
CHR3	833204	CHR3:833204	SSF x Far_LoA	-10,156	0,004	0,302
CHR3	8333205	CHR3:8333205	SSF x Far_LoA	-8,769	0,022	0,291
CHR3	8333210	CHR3:8333210	SSF x Far_LoA	-11,919	0,074	0,290
CHR3	8333229	CHR3:8333229	SSF x Far_LoA	-4,337	0,011	0,291
CHR3	8333258	CHR3:8333258	SSF x Far_LoA	-10,912	0,057	0,294
CHR3	8333266	CHR3:8333266	SSF x Far_LoA	-10,546	0,057	0,301
CHR3	8333279	CHR3:8333279	SSF x Far_LoA	-9,840	-0,053	0,280
CHR3	8333300	CHR3:8333300	SSF x Far_LoA	-11,296	-0,041	0,267
CHR3	8333315	CHR3:8333315	SSF x Far_LoA	-8,459	0,072	0,292
CHR3	833333	CHR3:833333	SSF x Far_LoA	-6,052	-0,109	0,291
CHR3	8333330	CHR3:8333330	SSF x Far_LoA	-8,362	0,112	0,284
CHR3	8333332	CHR3:8333332	SSF x Far_LoA	-6,699	0,099	0,286
CHR3	8333334	CHR3:8333334	SSF x Far_LoA	-8,900	0,010	0,293
CHR3	833426	CHR3:833426	SSF x Far_LoA	-7,403	-0,101	0,294
CHR3	833473	CHR3:833473	SSF x Far_LoA	-11,727	0,054	0,290
CHR3	833513	CHR3:833513	SSF x Far_LoA	-9,088	0,054	0,290
CHR3	833540	CHR3:833540	SSF x Far_LoA	-9,046	0,068	0,288
CHR3	8349110	CHR3:8349110	SSF x Far_LoA	-11,066	-0,017	0,309
CHR3	8358739	CHR3:8358739	SSF x Far_LoA	-3,638	-0,078	0,292
CHR3	8362575	CHR3:8362575	SSF x Far_LoA	-8,616	-0,023	0,307

CHR3	8362580	CHR3:8362580	SSF x Far_LoA	-6,931	-0,078	0,284
CHR3	8362596	CHR3:8362596	SSF x Far_LoA	-8,140	-0,072	0,296
CHR3	8362608	CHR3:8362608	SSF x Far_LoA	-8,344	-0,032	0,280
CHR3	8362632	CHR3:8362632	SSF x Far_LoA	-8,351	0,059	0,291
CHR3	8362858	CHR3:8362858	SSF x Far_LoA	-11,608	0,028	0,300
CHR3	8388682	CHR3:8388682	SSF x Far_LoA	-8,214	-0,103	0,285
CHR3	839511	CHR3:839511	SSF x Far_LoA	-10,458	-0,090	0,288
CHR3	839527	CHR3:839527	SSF x Far_LoA	-8,208	-0,130	0,273
CHR3	839532	CHR3:839532	SSF x Far_LoA	-10,033	-0,078	0,282
CHR3	839539	CHR3:839539	SSF x Far_LoA	-9,891	-0,032	0,283
CHR3	839579	CHR3:839579	SSF x Far_LoA	-8,683	0,114	0,287
CHR3	839707	CHR3:839707	SSF x Far_LoA	-7,714	0,163	0,295
CHR3	839760	CHR3:839760	SSF x Far_LoA	-5,412	0,078	0,291
CHR3	8432818	CHR3:8432818	SSF x Far_LoA	-10,224	-0,005	0,281
CHR3	8432875	CHR3:8432875	SSF x Far_LoA	-6,274	0,237	0,281
CHR3	8441202	CHR3:8441202	SSF x Far_LoA	-7,783	-0,080	0,301
CHR3	8441221	CHR3:8441221	SSF x Far_LoA	-10,515	0,020	0,283
CHR3	8441283	CHR3:8441283	SSF x Far_LoA	-8,415	0,142	0,282
CHR3	8441319	CHR3:8441319	SSF x Far_LoA	-9,171	0,077	0,290
CHR3	8490765	CHR3:8490765	SSF x Far_LoA	-3,888	0,150	0,310
CHR3	8497338	CHR3:8497338	SSF x Far_LoA	-11,203	0,020	0,291
CHR3	8497372	CHR3:8497372	SSF x Far_LoA	-9,587	0,004	0,289
CHR3	8521152	CHR3:8521152	SSF x Far_LoA	-8,149	0,081	0,305
CHR3	8521213	CHR3:8521213	SSF x Far_LoA	-7,015	-0,142	0,300
CHR3	8521368	CHR3:8521368	SSF x Far_LoA	-5,425	0,102	0,292
CHR3	8521379	CHR3:8521379	SSF x Far_LoA	-10,217	0,035	0,276
CHR3	8521381	CHR3:8521381	SSF x Far_LoA	-10,273	0,081	0,301
CHR3	8521403	CHR3:8521403	SSF x Far_LoA	-9,429	0,052	0,301
CHR3	8525726	CHR3:8525726	SSF x Far_LoA	-8,453	-0,150	0,285
CHR3	8553595	CHR3:8553595	SSF x Far_LoA	-10,881	0,045	0,281
CHR3	8564418	CHR3:8564418	SSF x Far_LoA	-11,034	-0,056	0,301
CHR3	8564420	CHR3:8564420	SSF x Far_LoA	-10,373	-0,058	0,282
CHR3	8564498	CHR3:8564498	SSF x Far_LoA	-8,006	0,014	0,300
CHR3	8564520	CHR3:8564520	SSF x Far_LoA	-8,701	0,038	0,279
CHR3	8564521	CHR3:8564521	SSF x Far_LoA	-9,617	0,060	0,293
CHR3	8564528	CHR3:8564528	SSF x Far_LoA	-8,770	0,020	0,296
CHR3	8564561	CHR3:8564561	SSF x Far_LoA	-8,680	0,031	0,307
CHR3	8565245	CHR3:8565245	SSF x Far_LoA	-11,965	-0,010	0,284
CHR3	8565278	CHR3:8565278	SSF x Far_LoA	-10,016	0,000	0,287
CHR3	8565286	CHR3:8565286	SSF x Far_LoA	-8,332	0,117	0,305
CHR3	8565330	CHR3:8565330	SSF x Far_LoA	-8,702	-0,004	0,293
CHR3	8568768	CHR3:8568768	SSF x Far_LoA	-7,659	0,131	0,292
CHR3	8568781	CHR3:8568781	SSF x Far_LoA	-8,374	-0,063	0,296
CHR3	8568834	CHR3:8568834	SSF x Far_LoA	-6,766	0,081	0,295
CHR3	8583456	CHR3:8583456	SSF x Far_LoA	-10,853	-0,026	0,276
CHR3	8592734	CHR3:8592734	SSF x Far_LoA	-9,481	0,031	0,302
CHR3	8592883	CHR3:8592883	SSF x Far_LoA	-8,399	-0,005	0,272
CHR3	8604577	CHR3:8604577	SSF x Far_LoA	-8,530	-0,072	0,292
CHR3	8611330	CHR3:8611330	SSF x Far_LoA	-10,451	-0,061	0,286
CHR3	8630320	CHR3:8630320	SSF x Far_LoA	-9,097	-0,147	0,288
CHR3	8630337	CHR3:8630337	SSF x Far_LoA	-8,291	0,027	0,303
CHR3	8630391	CHR3:8630391	SSF x Far_LoA	-11,120	0,045	0,297
CHR3	8630459	CHR3:8630459	SSF x Far_LoA	-11,621	0,089	0,291

CHR3	8630460	CHR3:8630460	SSF x Far_LoA	-8,427	0,120	0,291
CHR3	8630481	CHR3:8630481	SSF x Far_LoA	-8,340	0,084	0,294
CHR3	8630665	CHR3:8630665	SSF x Far_LoA	-9,831	0,069	0,292
CHR3	8637143	CHR3:8637143	SSF x Far_LoA	-8,661	0,081	0,289
CHR3	8653352	CHR3:8653352	SSF x Far_LoA	-11,327	-0,004	0,281
CHR3	8653409	CHR3:8653409	SSF x Far_LoA	-9,342	-0,013	0,291
CHR3	8653417	CHR3:8653417	SSF x Far_LoA	-7,213	0,121	0,286
CHR3	8653458	CHR3:8653458	SSF x Far_LoA	-9,684	0,029	0,294
CHR3	8653527	CHR3:8653527	SSF x Far_LoA	-7,803	-0,112	0,295
CHR3	8662470	CHR3:8662470	SSF x Far_LoA	-9,906	-0,018	0,283
CHR3	8662476	CHR3:8662476	SSF x Far_LoA	-8,311	-0,049	0,313
CHR3	8663616	CHR3:8663616	SSF x Far_LoA	-8,045	-0,028	0,292
CHR3	8663635	CHR3:8663635	SSF x Far_LoA	-8,646	-0,020	0,286
CHR3	8663636	CHR3:8663636	SSF x Far_LoA	-7,859	-0,037	0,296
CHR3	8663639	CHR3:8663639	SSF x Far_LoA	-9,367	-0,003	0,268
CHR3	8663658	CHR3:8663658	SSF x Far_LoA	-8,545	-0,019	0,292
CHR3	8663823	CHR3:8663823	SSF x Far_LoA	-11,557	-0,032	0,307
CHR3	8664779	CHR3:8664779	SSF x Far_LoA	-9,357	-0,116	0,274
CHR3	8664827	CHR3:8664827	SSF x Far_LoA	-11,498	0,114	0,267
CHR3	8664872	CHR3:8664872	SSF x Far_LoA	-10,381	0,072	0,277
CHR3	869206	CHR3:869206	SSF x Far_LoA	1,071	0,176	0,291
CHR3	869208	CHR3:869208	SSF x Far_LoA	-10,597	0,053	0,288
CHR3	869218	CHR3:869218	SSF x Far_LoA	-8,243	0,100	0,292
CHR3	869262	CHR3:869262	SSF x Far_LoA	-9,993	0,015	0,304
CHR3	869277	CHR3:869277	SSF x Far_LoA	-8,891	0,028	0,309
CHR3	869307	CHR3:869307	SSF x Far_LoA	-6,463	0,154	0,301
CHR3	869312	CHR3:869312	SSF x Far_LoA	-7,484	0,120	0,296
CHR3	869352	CHR3:869352	SSF x Far_LoA	-8,892	-0,079	0,290
CHR3	8727832	CHR3:8727832	SSF x Far_LoA	-8,809	-0,009	0,296
CHR3	8727841	CHR3:8727841	SSF x Far_LoA	-8,460	-0,003	0,305
CHR3	8727844	CHR3:8727844	SSF x Far_LoA	-7,352	-0,002	0,301
CHR3	8727845	CHR3:8727845	SSF x Far_LoA	-8,310	0,005	0,295
CHR3	8727876	CHR3:8727876	SSF x Far_LoA	-10,330	0,065	0,280
CHR3	8727903	CHR3:8727903	SSF x Far_LoA	-10,038	0,050	0,270
CHR3	8727953	CHR3:8727953	SSF x Far_LoA	-5,905	-0,041	0,295
CHR3	8728004	CHR3:8728004	SSF x Far_LoA	-10,293	-0,006	0,294
CHR3	8730402	CHR3:8730402	SSF x Far_LoA	-2,423	-0,002	0,304
CHR3	8730450	CHR3:8730450	SSF x Far_LoA	-9,467	-0,103	0,287
CHR3	8731035	CHR3:8731035	SSF x Far_LoA	-9,938	-0,076	0,276
CHR3	8736885	CHR3:8736885	SSF x Far_LoA	-5,142	-0,117	0,272
CHR3	8736945	CHR3:8736945	SSF x Far_LoA	-9,176	-0,013	0,277
CHR3	8737038	CHR3:8737038	SSF x Far_LoA	-7,812	0,033	0,303
CHR3	8746039	CHR3:8746039	SSF x Far_LoA	-6,664	-0,180	0,283
CHR3	8793003	CHR3:8793003	SSF x Far_LoA	-2,882	0,060	0,310
CHR3	8793039	CHR3:8793039	SSF x Far_LoA	-8,572	0,060	0,290
CHR3	8849959	CHR3:8849959	SSF x Far_LoA	-9,447	-0,047	0,302
CHR3	8868556	CHR3:8868556	SSF x Far_LoA	-9,253	0,133	0,285
CHR3	8868645	CHR3:8868645	SSF x Far_LoA	-10,657	-0,058	0,283
CHR3	8945318	CHR3:8945318	SSF x Far_LoA	-10,702	0,095	0,292
CHR3	8968697	CHR3:8968697	SSF x Far_LoA	-8,570	-0,079	0,304
CHR3	897184	CHR3:897184	SSF x Far_LoA	-9,877	0,097	0,287
CHR3	9032597	CHR3:9032597	SSF x Far_LoA	-10,713	-0,073	0,292
CHR3	9066243	CHR3:9066243	SSF x Far_LoA	-8,754	-0,084	0,277

CHR3	907485	CHR3:907485	SSF x Far_LoA	-9,246	0,037	0,297
CHR3	9098062	CHR3:9098062	SSF x Far_LoA	-0,909	-0,030	0,290
CHR3	9099350	CHR3:9099350	SSF x Far_LoA	-10,264	0,030	0,275
CHR3	9116581	CHR3:9116581	SSF x Far_LoA	-8,964	-0,116	0,285
CHR3	9137019	CHR3:9137019	SSF x Far_LoA	-5,844	0,168	0,289
CHR3	9137259	CHR3:9137259	SSF x Far_LoA	-8,962	0,076	0,284
CHR3	9151766	CHR3:9151766	SSF x Far_LoA	-8,670	-0,114	0,285
CHR3	9153107	CHR3:9153107	SSF x Far_LoA	-10,070	-0,055	0,282
CHR3	9167952	CHR3:9167952	SSF x Far_LoA	-5,314	-0,092	0,300
CHR3	918112	CHR3:918112	SSF x Far_LoA	-9,241	-0,059	0,289
CHR3	918196	CHR3:918196	SSF x Far_LoA	-10,766	0,013	0,305
CHR3	9188372	CHR3:9188372	SSF x Far_LoA	-10,620	-0,010	0,284
CHR3	9188468	CHR3:9188468	SSF x Far_LoA	-7,977	-0,093	0,294
CHR3	9188487	CHR3:9188487	SSF x Far_LoA	-9,723	-0,017	0,281
CHR3	9188586	CHR3:9188586	SSF x Far_LoA	-8,498	-0,113	0,278
CHR3	9194887	CHR3:9194887	SSF x Far_LoA	-6,678	-0,075	0,287
CHR3	9194966	CHR3:9194966	SSF x Far_LoA	-7,821	0,009	0,292
CHR3	9197855	CHR3:9197855	SSF x Far_LoA	-7,637	0,007	0,283
CHR3	9197970	CHR3:9197970	SSF x Far_LoA	-0,426	-0,165	0,287
CHR3	9206349	CHR3:9206349	SSF x Far_LoA	-8,212	-0,028	0,284
CHR3	9206394	CHR3:9206394	SSF x Far_LoA	-8,535	0,074	0,273
CHR3	9206489	CHR3:9206489	SSF x Far_LoA	-9,385	-0,032	0,283
CHR3	9206490	CHR3:9206490	SSF x Far_LoA	-10,679	-0,063	0,295
CHR3	9206520	CHR3:9206520	SSF x Far_LoA	-8,911	-0,017	0,286
CHR3	9266448	CHR3:9266448	SSF x Far_LoA	-6,671	-0,081	0,297
CHR3	9266451	CHR3:9266451	SSF x Far_LoA	-6,935	-0,106	0,282
CHR3	9307237	CHR3:9307237	SSF x Far_LoA	-3,713	-0,159	0,294
CHR3	9307355	CHR3:9307355	SSF x Far_LoA	-10,077	0,099	0,293
CHR3	9316063	CHR3:9316063	SSF x Far_LoA	-7,797	-0,108	0,277
CHR3	9322168	CHR3:9322168	SSF x Far_LoA	-10,013	-0,061	0,280
CHR3	9341893	CHR3:9341893	SSF x Far_LoA	-10,245	0,025	0,290
CHR3	9355594	CHR3:9355594	SSF x Far_LoA	-8,812	0,084	0,295
CHR3	9355700	CHR3:9355700	SSF x Far_LoA	-11,967	-0,051	0,283
CHR3	9355755	CHR3:9355755	SSF x Far_LoA	-10,447	-0,003	0,281
CHR3	9355757	CHR3:9355757	SSF x Far_LoA	-9,959	0,000	0,304
CHR3	9355772	CHR3:9355772	SSF x Far_LoA	-10,870	-0,007	0,294
CHR3	9355780	CHR3:9355780	SSF x Far_LoA	-8,840	-0,048	0,291
CHR3	9355799	CHR3:9355799	SSF x Far_LoA	-5,451	0,108	0,298
CHR3	9355823	CHR3:9355823	SSF x Far_LoA	-9,321	-0,030	0,305
CHR3	9368581	CHR3:9368581	SSF x Far_LoA	-10,183	0,011	0,296
CHR3	9368614	CHR3:9368614	SSF x Far_LoA	-10,024	-0,063	0,290
CHR3	9371819	CHR3:9371819	SSF x Far_LoA	-12,082	-0,019	0,281
CHR3	9371829	CHR3:9371829	SSF x Far_LoA	-9,187	-0,016	0,295
CHR3	9371834	CHR3:9371834	SSF x Far_LoA	-9,775	0,075	0,288
CHR3	9371876	CHR3:9371876	SSF x Far_LoA	-9,696	0,029	0,291
CHR3	9396745	CHR3:9396745	SSF x Far_LoA	-9,034	-0,047	0,291
CHR3	9397005	CHR3:9397005	SSF x Far_LoA	-10,572	-0,001	0,298
CHR3	9434847	CHR3:9434847	SSF x Far_LoA	-8,636	0,076	0,294
CHR3	9434928	CHR3:9434928	SSF x Far_LoA	-3,667	0,149	0,282
CHR3	9435128	CHR3:9435128	SSF x Far_LoA	-11,366	0,025	0,290
CHR3	9435144	CHR3:9435144	SSF x Far_LoA	-8,777	-0,018	0,296
CHR3	9437348	CHR3:9437348	SSF x Far_LoA	-11,903	0,019	0,278
CHR3	9437590	CHR3:9437590	SSF x Far_LoA	-7,054	-0,183	0,292

CHR3	9437638	CHR3:9437638	SSF x Far_LoA	-4,406	0,102	0,297
CHR3	9439011	CHR3:9439011	SSF x Far_LoA	-10,353	-0,014	0,290
CHR3	9439057	CHR3:9439057	SSF x Far_LoA	-8,962	-0,104	0,297
CHR3	9439062	CHR3:9439062	SSF x Far_LoA	-4,861	-0,009	0,304
CHR3	9439107	CHR3:9439107	SSF x Far_LoA	-7,076	-0,157	0,289
CHR3	9439115	CHR3:9439115	SSF x Far_LoA	-8,003	-0,036	0,303
CHR3	9439130	CHR3:9439130	SSF x Far_LoA	-9,658	0,000	0,308
CHR3	9439144	CHR3:9439144	SSF x Far_LoA	-8,121	-0,015	0,294
CHR3	9439194	CHR3:9439194	SSF x Far_LoA	-6,947	0,067	0,277
CHR3	9439199	CHR3:9439199	SSF x Far_LoA	-9,187	0,026	0,288
CHR3	9439218	CHR3:9439218	SSF x Far_LoA	-8,114	0,039	0,284
CHR3	9439229	CHR3:9439229	SSF x Far_LoA	-7,130	0,067	0,289
CHR3	9439232	CHR3:9439232	SSF x Far_LoA	-8,145	0,036	0,298
CHR3	9443592	CHR3:9443592	SSF x Far_LoA	-9,100	-0,194	0,284
CHR3	9443597	CHR3:9443597	SSF x Far_LoA	-9,323	0,080	0,281
CHR3	9443603	CHR3:9443603	SSF x Far_LoA	-9,610	0,122	0,286
CHR3	9443606	CHR3:9443606	SSF x Far_LoA	-8,092	0,099	0,300
CHR3	9443614	CHR3:9443614	SSF x Far_LoA	-0,424	0,090	0,285
CHR3	9443626	CHR3:9443626	SSF x Far_LoA	-8,246	0,109	0,289
CHR3	944550	CHR3:944550	SSF x Far_LoA	-10,761	0,025	0,278
CHR3	9445558	CHR3:9445558	SSF x Far_LoA	-8,833	-0,041	0,292
CHR3	9445577	CHR3:9445577	SSF x Far_LoA	-9,465	0,166	0,273
CHR3	9445634	CHR3:9445634	SSF x Far_LoA	-7,944	0,115	0,272
CHR3	9445637	CHR3:9445637	SSF x Far_LoA	4,649	0,040	0,284
CHR3	9445642	CHR3:9445642	SSF x Far_LoA	-6,829	0,089	0,293
CHR3	9446489	CHR3:9446489	SSF x Far_LoA	-8,836	-0,091	0,285
CHR3	9446491	CHR3:9446491	SSF x Far_LoA	-11,488	-0,056	0,283
CHR3	944651	CHR3:944651	SSF x Far_LoA	-9,490	-0,088	0,289
CHR3	9446604	CHR3:9446604	SSF x Far_LoA	-7,256	-0,042	0,315
CHR3	9446673	CHR3:9446673	SSF x Far_LoA	-10,944	-0,115	0,272
CHR3	9452453	CHR3:9452453	SSF x Far_LoA	-10,278	0,049	0,294
CHR3	9455691	CHR3:9455691	SSF x Far_LoA	-9,350	-0,105	0,305
CHR3	9455700	CHR3:9455700	SSF x Far_LoA	-8,018	0,152	0,282
CHR3	9459669	CHR3:9459669	SSF x Far_LoA	-11,048	0,041	0,290
CHR3	9459723	CHR3:9459723	SSF x Far_LoA	-11,155	-0,018	0,302
CHR3	9459729	CHR3:9459729	SSF x Far_LoA	-9,750	0,024	0,307
CHR3	9459742	CHR3:9459742	SSF x Far_LoA	-8,475	0,025	0,277
CHR3	9467622	CHR3:9467622	SSF x Far_LoA	-11,457	-0,062	0,282
CHR3	9467808	CHR3:9467808	SSF x Far_LoA	-6,611	-0,018	0,288
CHR3	9467831	CHR3:9467831	SSF x Far_LoA	-7,497	0,057	0,293
CHR3	9468056	CHR3:9468056	SSF x Far_LoA	-10,732	0,092	0,288
CHR3	9471867	CHR3:9471867	SSF x Far_LoA	-9,445	-0,062	0,298
CHR3	9471880	CHR3:9471880	SSF x Far_LoA	-8,301	-0,077	0,278
CHR3	9471884	CHR3:9471884	SSF x Far_LoA	-7,844	0,152	0,286
CHR3	9471890	CHR3:9471890	SSF x Far_LoA	-9,943	-0,070	0,296
CHR3	9471926	CHR3:9471926	SSF x Far_LoA	-9,705	0,121	0,287
CHR3	9471934	CHR3:9471934	SSF x Far_LoA	-8,259	0,043	0,268
CHR3	9471942	CHR3:9471942	SSF x Far_LoA	-9,676	0,068	0,286
CHR3	9471953	CHR3:9471953	SSF x Far_LoA	-9,763	0,088	0,288
CHR3	9481121	CHR3:9481121	SSF x Far_LoA	-6,365	-0,205	0,283
CHR3	9490943	CHR3:9490943	SSF x Far_LoA	-8,601	-0,160	0,286
CHR3	9491021	CHR3:9491021	SSF x Far_LoA	-10,886	-0,085	0,284
CHR3	9491029	CHR3:9491029	SSF x Far_LoA	-7,401	0,078	0,298

CHR3	9491031	CHR3:9491031	SSF x Far_LoA	-5,499	0,135	0,288
CHR3	9491039	CHR3:9491039	SSF x Far_LoA	-10,897	-0,080	0,294
CHR3	9491066	CHR3:9491066	SSF x Far_LoA	-11,539	-0,012	0,296
CHR3	9491077	CHR3:9491077	SSF x Far_LoA	-8,786	-0,001	0,295
CHR3	9491080	CHR3:9491080	SSF x Far_LoA	-8,410	-0,019	0,301
CHR3	9508990	CHR3:9508990	SSF x Far_LoA	-8,261	-0,046	0,302
CHR3	9508997	CHR3:9508997	SSF x Far_LoA	-10,266	0,045	0,299
CHR3	9509027	CHR3:9509027	SSF x Far_LoA	-9,884	0,061	0,285
CHR3	9509066	CHR3:9509066	SSF x Far_LoA	-10,695	-0,078	0,295
CHR3	953231	CHR3:953231	SSF x Far_LoA	-7,469	0,026	0,284
CHR3	953237	CHR3:953237	SSF x Far_LoA	-7,601	0,050	0,304
CHR3	9532802	CHR3:9532802	SSF x Far_LoA	-8,535	0,070	0,287
CHR3	9549749	CHR3:9549749	SSF x Far_LoA	-7,637	0,010	0,288
CHR3	9554197	CHR3:9554197	SSF x Far_LoA	-8,271	-0,022	0,269
CHR3	957022	CHR3:957022	SSF x Far_LoA	-9,033	0,114	0,291
CHR3	9571418	CHR3:9571418	SSF x Far_LoA	-0,148	-0,095	0,296
CHR3	9593051	CHR3:9593051	SSF x Far_LoA	-10,415	-0,075	0,287
CHR3	960067	CHR3:960067	SSF x Far_LoA	-7,265	-0,130	0,289
CHR3	960206	CHR3:960206	SSF x Far_LoA	-7,933	-0,033	0,302
CHR3	960270	CHR3:960270	SSF x Far_LoA	-8,842	0,082	0,282
CHR3	960385	CHR3:960385	SSF x Far_LoA	-9,674	-0,045	0,278
CHR3	9631277	CHR3:9631277	SSF x Far_LoA	-7,492	0,162	0,269
CHR3	9631347	CHR3:9631347	SSF x Far_LoA	-9,571	0,063	0,292
CHR3	9631397	CHR3:9631397	SSF x Far_LoA	-4,390	-0,245	0,284
CHR3	9631457	CHR3:9631457	SSF x Far_LoA	-9,676	-0,017	0,294
CHR3	9631493	CHR3:9631493	SSF x Far_LoA	-9,665	0,037	0,287
CHR3	9639992	CHR3:9639992	SSF x Far_LoA	-9,553	-0,007	0,286
CHR3	9640341	CHR3:9640341	SSF x Far_LoA	-9,721	-0,054	0,278
CHR3	9640399	CHR3:9640399	SSF x Far_LoA	-9,886	0,086	0,277
CHR3	9666076	CHR3:9666076	SSF x Far_LoA	-11,222	0,072	0,287
CHR3	9670228	CHR3:9670228	SSF x Far_LoA	-11,033	-0,056	0,287
CHR3	9670473	CHR3:9670473	SSF x Far_LoA	-0,087	-0,208	0,275
CHR3	9670496	CHR3:9670496	SSF x Far_LoA	-3,529	0,117	0,283
CHR3	9679907	CHR3:9679907	SSF x Far_LoA	-8,732	-0,109	0,285
CHR3	9679923	CHR3:9679923	SSF x Far_LoA	-4,989	-0,064	0,300
CHR3	9683532	CHR3:9683532	SSF x Far_LoA	-8,472	0,022	0,292
CHR3	9683534	CHR3:9683534	SSF x Far_LoA	-10,321	-0,009	0,287
CHR3	9689704	CHR3:9689704	SSF x Far_LoA	-10,917	-0,009	0,298
CHR3	9689938	CHR3:9689938	SSF x Far_LoA	-10,596	0,136	0,286
CHR3	9699163	CHR3:9699163	SSF x Far_LoA	-9,239	-0,014	0,293
CHR3	9699196	CHR3:9699196	SSF x Far_LoA	-8,936	-0,039	0,276
CHR3	9699222	CHR3:9699222	SSF x Far_LoA	-9,563	-0,064	0,276
CHR3	9707075	CHR3:9707075	SSF x Far_LoA	-9,329	-0,126	0,294
CHR3	9709196	CHR3:9709196	SSF x Far_LoA	-6,734	-0,194	0,272
CHR3	9709224	CHR3:9709224	SSF x Far_LoA	-11,330	-0,002	0,276
CHR3	9709339	CHR3:9709339	SSF x Far_LoA	-8,728	-0,163	0,284
CHR3	9709350	CHR3:9709350	SSF x Far_LoA	-9,050	-0,144	0,282
CHR3	9709375	CHR3:9709375	SSF x Far_LoA	-7,845	-0,112	0,272
CHR3	9709387	CHR3:9709387	SSF x Far_LoA	-8,639	0,065	0,279
CHR3	9709412	CHR3:9709412	SSF x Far_LoA	-7,056	-0,060	0,297
CHR3	9717527	CHR3:9717527	SSF x Far_LoA	-11,194	0,047	0,283
CHR3	9732646	CHR3:9732646	SSF x Far_LoA	-4,507	0,081	0,292
CHR3	9732675	CHR3:9732675	SSF x Far_LoA	-6,532	-0,178	0,272

CHR3	9732730	CHR3:9732730	SSF x Far_LoA	-11,589	-0,027	0,285
CHR3	9732732	CHR3:9732732	SSF x Far_LoA	-9,541	-0,023	0,298
CHR3	9732744	CHR3:9732744	SSF x Far_LoA	-7,712	0,007	0,281
CHR3	9750708	CHR3:9750708	SSF x Far_LoA	-8,622	0,061	0,290
CHR3	9751053	CHR3:9751053	SSF x Far_LoA	-8,833	-0,124	0,271
CHR3	9751054	CHR3:9751054	SSF x Far_LoA	-5,254	0,136	0,295
CHR3	9757914	CHR3:9757914	SSF x Far_LoA	-10,126	0,039	0,291
CHR3	9758110	CHR3:9758110	SSF x Far_LoA	-8,186	-0,051	0,297
CHR3	9758118	CHR3:9758118	SSF x Far_LoA	-11,753	0,024	0,288
CHR3	9758125	CHR3:9758125	SSF x Far_LoA	-10,488	0,043	0,283
CHR3	9758127	CHR3:9758127	SSF x Far_LoA	-10,911	0,005	0,283
CHR3	9766411	CHR3:9766411	SSF x Far_LoA	-10,066	-0,099	0,272
CHR3	9766556	CHR3:9766556	SSF x Far_LoA	-8,239	-0,115	0,305
CHR3	9766587	CHR3:9766587	SSF x Far_LoA	-6,762	-0,135	0,293
CHR3	9766629	CHR3:9766629	SSF x Far_LoA	-8,767	-0,048	0,273
CHR3	978441	CHR3:978441	SSF x Far_LoA	-10,486	-0,055	0,292
CHR3	9786906	CHR3:9786906	SSF x Far_LoA	-7,376	-0,134	0,293
CHR3	9786908	CHR3:9786908	SSF x Far_LoA	-8,837	-0,084	0,292
CHR3	978708	CHR3:978708	SSF x Far_LoA	-8,613	0,119	0,285
CHR3	9788107	CHR3:9788107	SSF x Far_LoA	-11,371	-0,082	0,284
CHR3	9789950	CHR3:9789950	SSF x Far_LoA	-10,686	-0,026	0,281
CHR3	9790010	CHR3:9790010	SSF x Far_LoA	-3,280	-0,146	0,276
CHR3	9794249	CHR3:9794249	SSF x Far_LoA	-9,260	0,085	0,294
CHR3	9794370	CHR3:9794370	SSF x Far_LoA	-8,457	0,083	0,297
CHR3	9794390	CHR3:9794390	SSF x Far_LoA	-9,304	-0,002	0,298
CHR3	9794410	CHR3:9794410	SSF x Far_LoA	-4,765	-0,121	0,270
CHR3	9794412	CHR3:9794412	SSF x Far_LoA	-8,475	-0,093	0,290
CHR3	9796760	CHR3:9796760	SSF x Far_LoA	-9,786	-0,084	0,274
CHR3	9801341	CHR3:9801341	SSF x Far_LoA	-8,939	0,050	0,295
CHR3	9801370	CHR3:9801370	SSF x Far_LoA	-9,032	-0,030	0,288
CHR3	9801472	CHR3:9801472	SSF x Far_LoA	-8,565	-0,098	0,285
CHR3	9802122	CHR3:9802122	SSF x Far_LoA	-8,796	-0,031	0,286
CHR3	9802123	CHR3:9802123	SSF x Far_LoA	-8,471	0,004	0,278
CHR3	9802155	CHR3:9802155	SSF x Far_LoA	-11,206	-0,005	0,290
CHR3	9802172	CHR3:9802172	SSF x Far_LoA	-8,617	0,076	0,279
CHR3	9802175	CHR3:9802175	SSF x Far_LoA	-2,127	0,032	0,304
CHR3	9813971	CHR3:9813971	SSF x Far_LoA	-9,775	-0,030	0,279
CHR3	9814104	CHR3:9814104	SSF x Far_LoA	-9,286	0,025	0,294
CHR3	9814119	CHR3:9814119	SSF x Far_LoA	-8,827	0,046	0,290
CHR3	9816564	CHR3:9816564	SSF x Far_LoA	-9,222	0,098	0,302
CHR3	982770	CHR3:982770	SSF x Far_LoA	-11,052	-0,052	0,291
CHR3	9830095	CHR3:9830095	SSF x Far_LoA	-10,510	-0,128	0,293
CHR3	983245	CHR3:983245	SSF x Far_LoA	-11,451	-0,056	0,288
CHR3	9840968	CHR3:9840968	SSF x Far_LoA	-6,794	0,030	0,285
CHR3	9841036	CHR3:9841036	SSF x Far_LoA	-9,694	-0,135	0,280
CHR3	9841154	CHR3:9841154	SSF x Far_LoA	-6,679	-0,121	0,282
CHR3	9857092	CHR3:9857092	SSF x Far_LoA	3,724	0,128	0,292
CHR3	9857194	CHR3:9857194	SSF x Far_LoA	-6,724	0,013	0,300
CHR3	9867345	CHR3:9867345	SSF x Far_LoA	-5,827	-0,095	0,280
CHR3	9867488	CHR3:9867488	SSF x Far_LoA	-8,935	0,004	0,290
CHR3	9867584	CHR3:9867584	SSF x Far_LoA	-10,403	0,028	0,299
CHR3	987951	CHR3:987951	SSF x Far_LoA	-8,795	-0,033	0,292
CHR3	9919435	CHR3:9919435	SSF x Far_LoA	-8,925	0,064	0,295

CHR3	9919512	CHR3:9919512	SSF x Far_LoA	-6,236	0,158	0,279
CHR3	9919524	CHR3:9919524	SSF x Far_LoA	-11,132	0,081	0,291
CHR3	9919527	CHR3:9919527	SSF x Far_LoA	-8,329	0,069	0,284
CHR3	9930794	CHR3:9930794	SSF x Far_LoA	-11,391	0,049	0,290
CHR3	9938241	CHR3:9938241	SSF x Far_LoA	-8,727	-0,027	0,286
CHR3	9942165	CHR3:9942165	SSF x Far_LoA	-6,510	-0,039	0,304
CHR3	9943018	CHR3:9943018	SSF x Far_LoA	-8,841	-0,112	0,289
CHR3	9952967	CHR3:9952967	SSF x Far_LoA	-11,972	0,006	0,284
CHR3	9953023	CHR3:9953023	SSF x Far_LoA	-9,074	-0,034	0,298
CHR3	9953101	CHR3:9953101	SSF x Far_LoA	-11,349	-0,041	0,298
CHR3	9953126	CHR3:9953126	SSF x Far_LoA	-11,543	0,001	0,291
CHR3	9953143	CHR3:9953143	SSF x Far_LoA	-7,961	0,018	0,291
CHR3	9953190	CHR3:9953190	SSF x Far_LoA	-9,374	0,009	0,279
CHR3	9953214	CHR3:9953214	SSF x Far_LoA	-11,326	-0,045	0,289
CHR3	9953226	CHR3:9953226	SSF x Far_LoA	-8,479	-0,010	0,268
CHR3	9953227	CHR3:9953227	SSF x Far_LoA	-8,887	-0,043	0,301
CHR3	9953301	CHR3:9953301	SSF x Far_LoA	-8,732	0,090	0,287
CHR3	9953323	CHR3:9953323	SSF x Far_LoA	-8,709	0,110	0,300
CHR3	9963027	CHR3:9963027	SSF x Far_LoA	-8,880	-0,080	0,284
CHR3	9963144	CHR3:9963144	SSF x Far_LoA	-8,339	-0,088	0,292
CHR3	9963257	CHR3:9963257	SSF x Far_LoA	-9,335	-0,012	0,293
CHR3	9976798	CHR3:9976798	SSF x Far_LoA	-11,279	-0,075	0,269
CHR3	9981209	CHR3:9981209	SSF x Far_LoA	-10,311	-0,081	0,291
CHR3	9981396	CHR3:9981396	SSF x Far_LoA	-10,328	0,001	0,288
CHR3	9981501	CHR3:9981501	SSF x Far_LoA	-8,816	0,060	0,302
CHR3	9981533	CHR3:9981533	SSF x Far_LoA	-7,659	0,022	0,312
CHR3	9981601	CHR3:9981601	SSF x Far_LoA	-11,168	-0,054	0,285
CHR3	9989486	CHR3:9989486	SSF x Far_LoA	-11,494	-0,016	0,289
CHR3	9989487	CHR3:9989487	SSF x Far_LoA	-8,152	-0,111	0,284
CHR3	9989488	CHR3:9989488	SSF x Far_LoA	-7,861	-0,106	0,289
CHR3	9989497	CHR3:9989497	SSF x Far_LoA	-7,570	-0,141	0,301
CHR4	1E+07	CHR4:10005100	SSF x Far_LoA	-6,933	-0,113	0,291
CHR4	1E+07	CHR4:10005281	SSF x Far_LoA	-6,564	0,143	0,268
CHR4	1E+07	CHR4:10005371	SSF x Far_LoA	-10,041	0,012	0,277
CHR4	1E+07	CHR4:10008184	SSF x Far_LoA	-10,256	-0,066	0,273
CHR4	1E+07	CHR4:10008491	SSF x Far_LoA	-8,959	0,001	0,282
CHR4	1E+07	CHR4:10045845	SSF x Far_LoA	-6,758	-0,071	0,305
CHR4	1E+07	CHR4:10045866	SSF x Far_LoA	-6,040	0,167	0,284
CHR4	1E+07	CHR4:10048622	SSF x Far_LoA	-8,955	-0,012	0,287
CHR4	1E+07	CHR4:10048638	SSF x Far_LoA	-9,479	0,003	0,274
CHR4	1E+07	CHR4:10048670	SSF x Far_LoA	-11,204	0,076	0,282
CHR4	1E+07	CHR4:10048676	SSF x Far_LoA	-10,389	0,074	0,296
CHR4	1E+07	CHR4:10048870	SSF x Far_LoA	-10,317	-0,025	0,279
CHR4	1E+07	CHR4:10048890	SSF x Far_LoA	-9,781	0,050	0,301
CHR4	1E+07	CHR4:10048953	SSF x Far_LoA	-11,254	0,052	0,305
CHR4	1E+07	CHR4:10051543	SSF x Far_LoA	-9,474	0,011	0,283
CHR4	1E+07	CHR4:10051593	SSF x Far_LoA	-10,121	-0,048	0,287
CHR4	1E+07	CHR4:10055157	SSF x Far_LoA	-7,718	-0,001	0,297
CHR4	1E+07	CHR4:10055269	SSF x Far_LoA	-9,810	0,064	0,294
CHR4	1E+07	CHR4:10055323	SSF x Far_LoA	-10,942	0,008	0,292
CHR4	1E+07	CHR4:10060485	SSF x Far_LoA	-5,890	-0,170	0,272
CHR4	1E+07	CHR4:10060489	SSF x Far_LoA	-7,867	-0,168	0,290
CHR4	1006810	CHR4:1006810	SSF x Far_LoA	-3,963	-0,214	0,279

CHR4	1006825	CHR4:1006825	SSF x Far_LoA	-6,482	-0,208	0,268
CHR4	1006826	CHR4:1006826	SSF x Far_LoA	-5,797	-0,185	0,283
CHR4	1006838	CHR4:1006838	SSF x Far_LoA	-11,169	-0,076	0,298
CHR4	1006887	CHR4:1006887	SSF x Far_LoA	-9,162	-0,101	0,290
CHR4	1006912	CHR4:1006912	SSF x Far_LoA	-8,807	-0,112	0,279
CHR4	1E+07	CHR4:10079296	SSF x Far_LoA	-9,696	-0,089	0,293
CHR4	1E+07	CHR4:10079336	SSF x Far_LoA	-10,201	-0,076	0,292
CHR4	1E+07	CHR4:10079339	SSF x Far_LoA	-9,373	0,138	0,276
CHR4	1E+07	CHR4:10079350	SSF x Far_LoA	-10,430	-0,062	0,300
CHR4	1E+07	CHR4:10079455	SSF x Far_LoA	-8,257	-0,065	0,278
CHR4	1E+07	CHR4:10082403	SSF x Far_LoA	-7,313	0,138	0,280
CHR4	1E+07	CHR4:10082404	SSF x Far_LoA	-3,804	-0,050	0,307
CHR4	1E+07	CHR4:10082412	SSF x Far_LoA	-7,740	-0,028	0,298
CHR4	1E+07	CHR4:10082433	SSF x Far_LoA	-9,360	0,091	0,288
CHR4	1E+07	CHR4:10082623	SSF x Far_LoA	-7,815	-0,054	0,308
CHR4	1E+07	CHR4:10085715	SSF x Far_LoA	-7,854	0,044	0,288
CHR4	1E+07	CHR4:10085741	SSF x Far_LoA	-7,590	0,040	0,290
CHR4	1E+07	CHR4:10095122	SSF x Far_LoA	-10,242	-0,033	0,290
CHR4	1E+07	CHR4:10096907	SSF x Far_LoA	-8,759	-0,022	0,283
CHR4	1E+07	CHR4:10097025	SSF x Far_LoA	-10,187	-0,051	0,292
CHR4	1E+07	CHR4:10098441	SSF x Far_LoA	-9,599	-0,062	0,310
CHR4	1E+07	CHR4:10098510	SSF x Far_LoA	-9,467	0,082	0,283
CHR4	1E+07	CHR4:10098556	SSF x Far_LoA	-9,550	0,025	0,287
CHR4	1E+07	CHR4:10114875	SSF x Far_LoA	-10,825	0,039	0,297
CHR4	1E+07	CHR4:10118714	SSF x Far_LoA	-8,553	0,166	0,288
CHR4	1E+07	CHR4:10118867	SSF x Far_LoA	-10,644	-0,051	0,295
CHR4	1E+07	CHR4:10118917	SSF x Far_LoA	-10,059	-0,029	0,285
CHR4	1E+07	CHR4:10118927	SSF x Far_LoA	-10,312	0,041	0,287
CHR4	1E+07	CHR4:10124277	SSF x Far_LoA	-7,655	-0,099	0,283
CHR4	1E+07	CHR4:10124382	SSF x Far_LoA	-9,092	-0,085	0,289
CHR4	1E+07	CHR4:10124421	SSF x Far_LoA	-7,639	0,087	0,284
CHR4	1E+07	CHR4:10131478	SSF x Far_LoA	-11,454	0,000	0,293
CHR4	1E+07	CHR4:10131487	SSF x Far_LoA	-9,049	-0,043	0,290
CHR4	1E+07	CHR4:10131503	SSF x Far_LoA	-8,798	-0,010	0,293
CHR4	1E+07	CHR4:10131541	SSF x Far_LoA	-7,973	-0,027	0,287
CHR4	1E+07	CHR4:10131546	SSF x Far_LoA	-8,897	-0,024	0,284
CHR4	1E+07	CHR4:10131584	SSF x Far_LoA	-6,736	0,151	0,274
CHR4	1016335	CHR4:1016335	SSF x Far_LoA	-11,692	0,044	0,282
CHR4	1016729	CHR4:1016729	SSF x Far_LoA	-9,214	-0,085	0,287
CHR4	1E+07	CHR4:10180003	SSF x Far_LoA	-7,751	0,160	0,271
CHR4	1E+07	CHR4:10180058	SSF x Far_LoA	-6,807	-0,157	0,286
CHR4	1E+07	CHR4:10180097	SSF x Far_LoA	-4,427	0,058	0,293
CHR4	1E+07	CHR4:10180142	SSF x Far_LoA	-9,215	0,099	0,278
CHR4	1E+07	CHR4:10200754	SSF x Far_LoA	-9,105	0,028	0,299
CHR4	1E+07	CHR4:10202247	SSF x Far_LoA	9,073	-0,027	0,292
CHR4	1E+07	CHR4:10202374	SSF x Far_LoA	-7,940	0,121	0,288
CHR4	1E+07	CHR4:10246911	SSF x Far_LoA	-10,152	0,094	0,286
CHR4	1E+07	CHR4:10248763	SSF x Far_LoA	-10,013	-0,015	0,294
CHR4	1E+07	CHR4:10248856	SSF x Far_LoA	-11,966	0,055	0,290
CHR4	1E+07	CHR4:10256325	SSF x Far_LoA	-10,435	-0,040	0,299
CHR4	1028720	CHR4:1028720	SSF x Far_LoA	-11,496	0,064	0,280
CHR4	1E+07	CHR4:10289051	SSF x Far_LoA	-10,155	0,057	0,290
CHR4	1E+07	CHR4:10289443	SSF x Far_LoA	-9,163	0,049	0,286

CHR4	1E+07	CHR4:10289499	SSF x Far_LoA	-8,523	-0,029	0,297
CHR4	1029033	CHR4:1029033	SSF x Far_LoA	-9,660	-0,075	0,290
CHR4	1E+07	CHR4:10300837	SSF x Far_LoA	-8,069	-0,039	0,294
CHR4	1E+07	CHR4:10341294	SSF x Far_LoA	-10,605	0,036	0,293
CHR4	1E+07	CHR4:10341331	SSF x Far_LoA	-6,678	-0,076	0,285
CHR4	1E+07	CHR4:10341344	SSF x Far_LoA	-9,012	-0,082	0,279
CHR4	1E+07	CHR4:10344184	SSF x Far_LoA	-11,282	0,061	0,278
CHR4	1E+07	CHR4:10344469	SSF x Far_LoA	-10,076	0,066	0,290
CHR4	1E+07	CHR4:10348436	SSF x Far_LoA	-8,326	-0,105	0,304
CHR4	1E+07	CHR4:10348437	SSF x Far_LoA	-7,565	0,105	0,289
CHR4	1E+07	CHR4:10348454	SSF x Far_LoA	-9,714	0,113	0,297
CHR4	1E+07	CHR4:10348510	SSF x Far_LoA	-9,183	-0,047	0,285
CHR4	1E+07	CHR4:10348716	SSF x Far_LoA	-9,160	-0,028	0,297
CHR4	1E+07	CHR4:10348752	SSF x Far_LoA	-10,698	0,031	0,284
CHR4	1E+07	CHR4:10348778	SSF x Far_LoA	-7,837	0,061	0,298
CHR4	1E+07	CHR4:10348784	SSF x Far_LoA	-8,352	0,052	0,304
CHR4	1035198	CHR4:1035198	SSF x Far_LoA	-7,368	0,054	0,287
CHR4	1035269	CHR4:1035269	SSF x Far_LoA	-9,654	-0,074	0,290
CHR4	1E+07	CHR4:10355543	SSF x Far_LoA	-3,671	0,175	0,272
CHR4	1E+07	CHR4:10370234	SSF x Far_LoA	-10,135	-0,112	0,298
CHR4	1E+07	CHR4:10371114	SSF x Far_LoA	-9,526	-0,003	0,304
CHR4	1E+07	CHR4:10371165	SSF x Far_LoA	-5,254	0,118	0,281
CHR4	1E+07	CHR4:10372428	SSF x Far_LoA	-11,231	0,023	0,302
CHR4	1E+07	CHR4:10372472	SSF x Far_LoA	-8,013	0,137	0,266
CHR4	1E+07	CHR4:10372499	SSF x Far_LoA	-10,082	0,063	0,297
CHR4	1E+07	CHR4:10372531	SSF x Far_LoA	-9,594	-0,023	0,295
CHR4	1E+07	CHR4:10375535	SSF x Far_LoA	-8,342	-0,014	0,289
CHR4	1E+07	CHR4:10375572	SSF x Far_LoA	-3,600	0,065	0,292
CHR4	1E+07	CHR4:10375638	SSF x Far_LoA	-8,427	-0,107	0,285
CHR4	1E+07	CHR4:10375686	SSF x Far_LoA	-11,518	0,006	0,272
CHR4	1E+07	CHR4:10386931	SSF x Far_LoA	-10,176	-0,096	0,292
CHR4	1E+07	CHR4:10388614	SSF x Far_LoA	-6,151	0,193	0,290
CHR4	1E+07	CHR4:10388643	SSF x Far_LoA	-7,668	-0,072	0,294
CHR4	1E+07	CHR4:10388697	SSF x Far_LoA	-8,602	-0,078	0,277
CHR4	1E+07	CHR4:10388862	SSF x Far_LoA	-1,805	0,081	0,289
CHR4	1E+07	CHR4:10391936	SSF x Far_LoA	-11,642	0,020	0,280
CHR4	1E+07	CHR4:10392035	SSF x Far_LoA	-9,302	-0,068	0,289
CHR4	1E+07	CHR4:10395564	SSF x Far_LoA	12,524	-0,019	0,295
CHR4	1E+07	CHR4:10395730	SSF x Far_LoA	-5,919	0,211	0,273
CHR4	1E+07	CHR4:10395774	SSF x Far_LoA	-8,861	-0,053	0,280
CHR4	1E+07	CHR4:10395808	SSF x Far_LoA	-10,066	0,090	0,286
CHR4	1E+07	CHR4:10418669	SSF x Far_LoA	-10,504	0,060	0,271
CHR4	1E+07	CHR4:10418779	SSF x Far_LoA	-9,859	0,110	0,302
CHR4	1E+07	CHR4:10418822	SSF x Far_LoA	-8,503	-0,039	0,301
CHR4	1E+07	CHR4:10418867	SSF x Far_LoA	-7,627	0,006	0,305
CHR4	1E+07	CHR4:10418886	SSF x Far_LoA	-8,864	0,091	0,296
CHR4	1E+07	CHR4:10418908	SSF x Far_LoA	-11,378	0,008	0,283
CHR4	1E+07	CHR4:10418975	SSF x Far_LoA	-8,785	0,040	0,293
CHR4	1E+07	CHR4:10420049	SSF x Far_LoA	-7,801	-0,121	0,279
CHR4	1E+07	CHR4:10420111	SSF x Far_LoA	-8,528	-0,043	0,301
CHR4	1E+07	CHR4:10422435	SSF x Far_LoA	-11,051	0,070	0,296
CHR4	1E+07	CHR4:10422454	SSF x Far_LoA	-10,756	-0,020	0,292
CHR4	1E+07	CHR4:10422671	SSF x Far_LoA	-9,256	0,018	0,281

CHR4	1043508	CHR4:1043508	SSF x Far_LoA	-10,625	-0,009	0,277
CHR4	1043547	CHR4:1043547	SSF x Far_LoA	-9,879	-0,089	0,305
CHR4	1043588	CHR4:1043588	SSF x Far_LoA	-11,644	-0,037	0,295
CHR4	104448	CHR4:104448	SSF x Far_LoA	-9,123	-0,045	0,297
CHR4	1E+07	CHR4:10462184	SSF x Far_LoA	-11,685	0,009	0,288
CHR4	1E+07	CHR4:10462352	SSF x Far_LoA	-7,477	0,108	0,290
CHR4	1E+07	CHR4:10462442	SSF x Far_LoA	-11,463	0,006	0,296
CHR4	10519530	CHR4:10519530	SSF x Far_LoA	-10,312	0,007	0,286
CHR4	10519543	CHR4:10519543	SSF x Far_LoA	16,355	-0,184	0,300
CHR4	10519612	CHR4:10519612	SSF x Far_LoA	-8,810	-0,012	0,298
CHR4	10563236	CHR4:10563236	SSF x Far_LoA	-8,846	-0,086	0,300
CHR4	10563255	CHR4:10563255	SSF x Far_LoA	-8,312	-0,037	0,312
CHR4	10563261	CHR4:10563261	SSF x Far_LoA	-10,351	-0,043	0,307
CHR4	10570414	CHR4:10570414	SSF x Far_LoA	0,243	-0,125	0,292
CHR4	10570432	CHR4:10570432	SSF x Far_LoA	-11,557	0,033	0,286
CHR4	10572007	CHR4:10572007	SSF x Far_LoA	-8,854	-0,074	0,294
CHR4	10576915	CHR4:10576915	SSF x Far_LoA	-8,514	-0,111	0,285
CHR4	10577055	CHR4:10577055	SSF x Far_LoA	-12,245	0,012	0,293
CHR4	10577122	CHR4:10577122	SSF x Far_LoA	-8,767	-0,003	0,292
CHR4	10578754	CHR4:10578754	SSF x Far_LoA	-6,428	0,015	0,291
CHR4	10578809	CHR4:10578809	SSF x Far_LoA	-7,116	-0,156	0,277
CHR4	10578814	CHR4:10578814	SSF x Far_LoA	-8,477	-0,026	0,313
CHR4	1059361	CHR4:1059361	SSF x Far_LoA	-11,987	0,009	0,286
CHR4	1059578	CHR4:1059578	SSF x Far_LoA	-7,424	-0,067	0,289
CHR4	10608006	CHR4:10608006	SSF x Far_LoA	-11,425	0,005	0,288
CHR4	10623263	CHR4:10623263	SSF x Far_LoA	-9,154	0,114	0,275
CHR4	10651089	CHR4:10651089	SSF x Far_LoA	-8,269	0,039	0,301
CHR4	10651149	CHR4:10651149	SSF x Far_LoA	-7,912	-0,042	0,269
CHR4	10654315	CHR4:10654315	SSF x Far_LoA	-10,894	-0,018	0,291
CHR4	10654324	CHR4:10654324	SSF x Far_LoA	-10,366	0,050	0,287
CHR4	10677362	CHR4:10677362	SSF x Far_LoA	-10,440	-0,112	0,287
CHR4	10677388	CHR4:10677388	SSF x Far_LoA	-10,663	0,149	0,265
CHR4	10677438	CHR4:10677438	SSF x Far_LoA	-9,620	0,136	0,277
CHR4	10677447	CHR4:10677447	SSF x Far_LoA	-9,572	0,022	0,291
CHR4	10677458	CHR4:10677458	SSF x Far_LoA	-9,342	-0,036	0,294
CHR4	1070940	CHR4:1070940	SSF x Far_LoA	-9,249	-0,086	0,296
CHR4	1070963	CHR4:1070963	SSF x Far_LoA	-9,301	0,019	0,305
CHR4	10710559	CHR4:10710559	SSF x Far_LoA	-9,950	0,019	0,291
CHR4	10710624	CHR4:10710624	SSF x Far_LoA	-7,535	0,128	0,279
CHR4	10710670	CHR4:10710670	SSF x Far_LoA	-10,120	0,112	0,287
CHR4	10710674	CHR4:10710674	SSF x Far_LoA	-10,699	0,102	0,297
CHR4	10710809	CHR4:10710809	SSF x Far_LoA	-9,973	0,039	0,284
CHR4	10718859	CHR4:10718859	SSF x Far_LoA	-7,481	-0,043	0,289
CHR4	10718906	CHR4:10718906	SSF x Far_LoA	-9,147	-0,002	0,290
CHR4	10730749	CHR4:10730749	SSF x Far_LoA	-10,579	-0,034	0,295
CHR4	10756736	CHR4:10756736	SSF x Far_LoA	-11,609	0,009	0,288
CHR4	10756762	CHR4:10756762	SSF x Far_LoA	-8,935	0,112	0,273
CHR4	10756893	CHR4:10756893	SSF x Far_LoA	1,181	0,093	0,289
CHR4	10756895	CHR4:10756895	SSF x Far_LoA	-10,723	0,001	0,286
CHR4	10756934	CHR4:10756934	SSF x Far_LoA	-11,768	-0,031	0,290
CHR4	10757055	CHR4:10757055	SSF x Far_LoA	-8,574	0,080	0,300
CHR4	10772751	CHR4:10772751	SSF x Far_LoA	-11,015	-0,038	0,297
CHR4	10773928	CHR4:10773928	SSF x Far_LoA	-8,421	0,071	0,285

CHR4	10773929	CHR4:10773929	SSF x Far_LoA	-8,560	0,078	0,292
CHR4	10773936	CHR4:10773936	SSF x Far_LoA	-7,864	0,086	0,285
CHR4	10839435	CHR4:10839435	SSF x Far_LoA	-9,166	-0,092	0,295
CHR4	10839504	CHR4:10839504	SSF x Far_LoA	-9,219	0,043	0,311
CHR4	10839511	CHR4:10839511	SSF x Far_LoA	-10,609	-0,041	0,303
CHR4	10839521	CHR4:10839521	SSF x Far_LoA	-9,229	-0,037	0,297
CHR4	10839525	CHR4:10839525	SSF x Far_LoA	-9,594	-0,021	0,320
CHR4	10839592	CHR4:10839592	SSF x Far_LoA	-11,867	-0,060	0,285
CHR4	10846353	CHR4:10846353	SSF x Far_LoA	-9,145	-0,051	0,280
CHR4	10846489	CHR4:10846489	SSF x Far_LoA	-11,070	-0,005	0,268
CHR4	10846546	CHR4:10846546	SSF x Far_LoA	-9,948	-0,004	0,275
CHR4	10846944	CHR4:10846944	SSF x Far_LoA	-8,806	-0,068	0,299
CHR4	10846945	CHR4:10846945	SSF x Far_LoA	-7,819	-0,087	0,277
CHR4	10846946	CHR4:10846946	SSF x Far_LoA	-6,711	-0,089	0,282
CHR4	10846947	CHR4:10846947	SSF x Far_LoA	-9,090	-0,023	0,282
CHR4	10846989	CHR4:10846989	SSF x Far_LoA	-0,276	-0,022	0,299
CHR4	10846995	CHR4:10846995	SSF x Far_LoA	-9,679	-0,068	0,282
CHR4	10855284	CHR4:10855284	SSF x Far_LoA	-9,456	-0,038	0,281
CHR4	10855300	CHR4:10855300	SSF x Far_LoA	-7,218	0,057	0,276
CHR4	10861656	CHR4:10861656	SSF x Far_LoA	-8,984	-0,007	0,282
CHR4	10861680	CHR4:10861680	SSF x Far_LoA	-10,277	-0,071	0,289
CHR4	10861713	CHR4:10861713	SSF x Far_LoA	-10,385	0,011	0,293
CHR4	10861714	CHR4:10861714	SSF x Far_LoA	-10,375	-0,045	0,286
CHR4	10861721	CHR4:10861721	SSF x Far_LoA	-10,539	-0,013	0,284
CHR4	10864588	CHR4:10864588	SSF x Far_LoA	-10,351	0,029	0,292
CHR4	10868504	CHR4:10868504	SSF x Far_LoA	-8,963	0,044	0,288
CHR4	10868522	CHR4:10868522	SSF x Far_LoA	-10,584	-0,046	0,285
CHR4	10868587	CHR4:10868587	SSF x Far_LoA	-8,569	-0,075	0,279
CHR4	10868603	CHR4:10868603	SSF x Far_LoA	-10,131	-0,016	0,284
CHR4	10868691	CHR4:10868691	SSF x Far_LoA	-6,651	0,004	0,304
CHR4	10868702	CHR4:10868702	SSF x Far_LoA	-7,890	-0,056	0,308
CHR4	10868719	CHR4:10868719	SSF x Far_LoA	-7,877	-0,104	0,286
CHR4	10878454	CHR4:10878454	SSF x Far_LoA	-9,812	-0,023	0,289
CHR4	10878550	CHR4:10878550	SSF x Far_LoA	-9,733	-0,031	0,279
CHR4	10882537	CHR4:10882537	SSF x Far_LoA	-10,935	0,045	0,287
CHR4	10884943	CHR4:10884943	SSF x Far_LoA	-8,311	-0,055	0,301
CHR4	10884971	CHR4:10884971	SSF x Far_LoA	-8,627	-0,085	0,292
CHR4	10890786	CHR4:10890786	SSF x Far_LoA	-9,485	0,021	0,289
CHR4	10916871	CHR4:10916871	SSF x Far_LoA	-9,838	-0,045	0,300
CHR4	10917060	CHR4:10917060	SSF x Far_LoA	-10,373	-0,047	0,286
CHR4	10917126	CHR4:10917126	SSF x Far_LoA	-11,133	0,019	0,289
CHR4	10922564	CHR4:10922564	SSF x Far_LoA	-9,881	-0,097	0,296
CHR4	10957398	CHR4:10957398	SSF x Far_LoA	-10,042	0,080	0,296
CHR4	10957637	CHR4:10957637	SSF x Far_LoA	-7,805	0,094	0,295
CHR4	10958527	CHR4:10958527	SSF x Far_LoA	-9,046	0,036	0,293
CHR4	10958549	CHR4:10958549	SSF x Far_LoA	-11,487	-0,017	0,279
CHR4	10958555	CHR4:10958555	SSF x Far_LoA	-9,583	0,069	0,291
CHR4	10958659	CHR4:10958659	SSF x Far_LoA	-10,042	0,028	0,293
CHR4	10958686	CHR4:10958686	SSF x Far_LoA	-10,932	0,004	0,290
CHR4	10964462	CHR4:10964462	SSF x Far_LoA	-10,796	-0,123	0,284
CHR4	10964567	CHR4:10964567	SSF x Far_LoA	-7,952	-0,097	0,292
CHR4	10972782	CHR4:10972782	SSF x Far_LoA	-9,618	-0,113	0,281
CHR4	10972855	CHR4:10972855	SSF x Far_LoA	-9,598	0,054	0,292

CHR4	10972857	CHR4:10972857	SSF x Far_LoA	-8,911	-0,069	0,284
CHR4	10972861	CHR4:10972861	SSF x Far_LoA	-8,293	-0,046	0,303
CHR4	10972862	CHR4:10972862	SSF x Far_LoA	-4,081	-0,035	0,292
CHR4	10972887	CHR4:10972887	SSF x Far_LoA	-5,228	0,098	0,287
CHR4	10972901	CHR4:10972901	SSF x Far_LoA	-8,155	-0,073	0,293
CHR4	10979903	CHR4:10979903	SSF x Far_LoA	-9,017	-0,018	0,275
CHR4	10984831	CHR4:10984831	SSF x Far_LoA	-10,531	-0,025	0,300
CHR4	10990476	CHR4:10990476	SSF x Far_LoA	-9,358	-0,124	0,292
CHR4	10990508	CHR4:10990508	SSF x Far_LoA	-10,494	-0,003	0,290
CHR4	10990541	CHR4:10990541	SSF x Far_LoA	-4,765	-0,115	0,294
CHR4	10990566	CHR4:10990566	SSF x Far_LoA	-5,228	-0,175	0,296
CHR4	10990733	CHR4:10990733	SSF x Far_LoA	-2,664	-0,105	0,301
CHR4	10990744	CHR4:10990744	SSF x Far_LoA	-8,544	0,073	0,303
CHR4	10990801	CHR4:10990801	SSF x Far_LoA	-9,512	0,069	0,281
CHR4	11007360	CHR4:11007360	SSF x Far_LoA	-6,426	-0,125	0,299
CHR4	11017792	CHR4:11017792	SSF x Far_LoA	-11,633	-0,038	0,296
CHR4	11017805	CHR4:11017805	SSF x Far_LoA	-10,430	-0,001	0,302
CHR4	11017922	CHR4:11017922	SSF x Far_LoA	-9,333	0,006	0,300
CHR4	11035050	CHR4:11035050	SSF x Far_LoA	-11,381	0,043	0,294
CHR4	11035130	CHR4:11035130	SSF x Far_LoA	-10,171	-0,116	0,280
CHR4	11035220	CHR4:11035220	SSF x Far_LoA	-7,358	0,042	0,307
CHR4	11035249	CHR4:11035249	SSF x Far_LoA	-8,895	0,010	0,296
CHR4	1104204	CHR4:1104204	SSF x Far_LoA	-10,341	0,009	0,280
CHR4	11045813	CHR4:11045813	SSF x Far_LoA	-7,453	0,060	0,282
CHR4	1106797	CHR4:1106797	SSF x Far_LoA	-9,016	0,034	0,295
CHR4	11070847	CHR4:11070847	SSF x Far_LoA	-8,558	-0,132	0,283
CHR4	11084430	CHR4:11084430	SSF x Far_LoA	-6,804	0,114	0,300
CHR4	11084504	CHR4:11084504	SSF x Far_LoA	-8,394	-0,094	0,278
CHR4	11091513	CHR4:11091513	SSF x Far_LoA	-7,387	0,153	0,282
CHR4	11091796	CHR4:11091796	SSF x Far_LoA	-8,744	0,080	0,292
CHR4	11103630	CHR4:11103630	SSF x Far_LoA	-9,342	0,031	0,290
CHR4	11103641	CHR4:11103641	SSF x Far_LoA	-11,053	-0,034	0,278
CHR4	11103643	CHR4:11103643	SSF x Far_LoA	-8,489	0,099	0,282
CHR4	11103785	CHR4:11103785	SSF x Far_LoA	-5,809	0,108	0,299
CHR4	11103814	CHR4:11103814	SSF x Far_LoA	-8,993	-0,111	0,300
CHR4	11126542	CHR4:11126542	SSF x Far_LoA	-10,532	0,089	0,284
CHR4	11126556	CHR4:11126556	SSF x Far_LoA	-6,389	0,180	0,260
CHR4	11126661	CHR4:11126661	SSF x Far_LoA	-8,156	-0,119	0,287
CHR4	11146649	CHR4:11146649	SSF x Far_LoA	-8,461	-0,018	0,289
CHR4	11165215	CHR4:11165215	SSF x Far_LoA	-4,901	0,227	0,278
CHR4	11222796	CHR4:11222796	SSF x Far_LoA	-7,809	-0,091	0,297
CHR4	11222908	CHR4:11222908	SSF x Far_LoA	-8,517	0,009	0,301
CHR4	11246241	CHR4:11246241	SSF x Far_LoA	-7,574	-0,123	0,286
CHR4	11246280	CHR4:11246280	SSF x Far_LoA	-9,863	-0,089	0,292
CHR4	11248568	CHR4:11248568	SSF x Far_LoA	-6,613	-0,119	0,298
CHR4	1125061	CHR4:1125061	SSF x Far_LoA	-8,712	-0,061	0,302
CHR4	1125080	CHR4:1125080	SSF x Far_LoA	-8,461	-0,094	0,289
CHR4	1125086	CHR4:1125086	SSF x Far_LoA	-8,859	-0,104	0,300
CHR4	11263484	CHR4:11263484	SSF x Far_LoA	-9,543	0,103	0,294
CHR4	11263548	CHR4:11263548	SSF x Far_LoA	-11,116	-0,015	0,281
CHR4	1126439	CHR4:1126439	SSF x Far_LoA	-10,743	0,004	0,289
CHR4	11273422	CHR4:11273422	SSF x Far_LoA	-9,267	-0,061	0,280
CHR4	11281642	CHR4:11281642	SSF x Far_LoA	-7,513	-0,072	0,293

CHR4	11281771	CHR4:11281771	SSF x Far_LoA	-9,393	0,037	0,291
CHR4	11288323	CHR4:11288323	SSF x Far_LoA	-9,857	0,027	0,297
CHR4	1130406	CHR4:1130406	SSF x Far_LoA	-11,927	0,018	0,280
CHR4	1130447	CHR4:1130447	SSF x Far_LoA	-8,439	0,009	0,294
CHR4	11308176	CHR4:11308176	SSF x Far_LoA	-7,016	0,143	0,284
CHR4	11308276	CHR4:11308276	SSF x Far_LoA	-9,359	-0,011	0,295
CHR4	11308361	CHR4:11308361	SSF x Far_LoA	-10,280	0,143	0,281
CHR4	1131624	CHR4:1131624	SSF x Far_LoA	-0,879	-0,169	0,285
CHR4	1131689	CHR4:1131689	SSF x Far_LoA	-7,103	0,071	0,295
CHR4	1131732	CHR4:1131732	SSF x Far_LoA	-7,917	0,000	0,292
CHR4	11361646	CHR4:11361646	SSF x Far_LoA	-3,284	-0,079	0,305
CHR4	11361721	CHR4:11361721	SSF x Far_LoA	-11,135	0,024	0,278
CHR4	11361794	CHR4:11361794	SSF x Far_LoA	-11,902	-0,038	0,293
CHR4	11361796	CHR4:11361796	SSF x Far_LoA	-6,930	-0,013	0,310
CHR4	11366914	CHR4:11366914	SSF x Far_LoA	-7,334	0,045	0,274
CHR4	11367159	CHR4:11367159	SSF x Far_LoA	-10,303	0,052	0,285
CHR4	11371535	CHR4:11371535	SSF x Far_LoA	-10,241	-0,128	0,286
CHR4	11371563	CHR4:11371563	SSF x Far_LoA	-10,727	0,065	0,289
CHR4	11377713	CHR4:11377713	SSF x Far_LoA	-11,088	0,031	0,282
CHR4	11377738	CHR4:11377738	SSF x Far_LoA	-9,495	0,101	0,286
CHR4	11377784	CHR4:11377784	SSF x Far_LoA	-11,341	-0,102	0,286
CHR4	11381955	CHR4:11381955	SSF x Far_LoA	-7,300	0,181	0,276
CHR4	11410822	CHR4:11410822	SSF x Far_LoA	-9,771	-0,067	0,290
CHR4	11410827	CHR4:11410827	SSF x Far_LoA	-9,082	0,058	0,298
CHR4	11425236	CHR4:11425236	SSF x Far_LoA	-8,738	0,006	0,296
CHR4	11425390	CHR4:11425390	SSF x Far_LoA	-7,990	-0,038	0,287
CHR4	11438617	CHR4:11438617	SSF x Far_LoA	-10,548	0,027	0,287
CHR4	11439481	CHR4:11439481	SSF x Far_LoA	-1,563	0,192	0,276
CHR4	11439607	CHR4:11439607	SSF x Far_LoA	-7,809	0,051	0,297
CHR4	11439622	CHR4:11439622	SSF x Far_LoA	-7,056	0,137	0,284
CHR4	11439688	CHR4:11439688	SSF x Far_LoA	-10,049	-0,024	0,284
CHR4	11456535	CHR4:11456535	SSF x Far_LoA	-6,705	-0,155	0,290
CHR4	11456582	CHR4:11456582	SSF x Far_LoA	-7,987	-0,149	0,304
CHR4	11456637	CHR4:11456637	SSF x Far_LoA	-7,692	0,179	0,282
CHR4	11464944	CHR4:11464944	SSF x Far_LoA	-6,875	0,086	0,304
CHR4	11464994	CHR4:11464994	SSF x Far_LoA	-9,221	-0,017	0,295
CHR4	11465028	CHR4:11465028	SSF x Far_LoA	-11,327	0,064	0,284
CHR4	11465133	CHR4:11465133	SSF x Far_LoA	-8,372	0,023	0,290
CHR4	1146748	CHR4:1146748	SSF x Far_LoA	-3,021	0,064	0,308
CHR4	1146871	CHR4:1146871	SSF x Far_LoA	-9,227	-0,030	0,288
CHR4	1146895	CHR4:1146895	SSF x Far_LoA	-8,622	-0,102	0,291
CHR4	11481719	CHR4:11481719	SSF x Far_LoA	-10,911	-0,104	0,300
CHR4	11481784	CHR4:11481784	SSF x Far_LoA	-8,893	0,113	0,269
CHR4	11481828	CHR4:11481828	SSF x Far_LoA	-8,552	-0,007	0,275
CHR4	1148505	CHR4:1148505	SSF x Far_LoA	-11,275	-0,013	0,301
CHR4	11490269	CHR4:11490269	SSF x Far_LoA	-7,459	-0,174	0,290
CHR4	11490315	CHR4:11490315	SSF x Far_LoA	-6,345	-0,122	0,300
CHR4	11490394	CHR4:11490394	SSF x Far_LoA	-8,926	-0,045	0,284
CHR4	11495317	CHR4:11495317	SSF x Far_LoA	-7,255	-0,167	0,289
CHR4	11510863	CHR4:11510863	SSF x Far_LoA	-8,011	-0,129	0,289
CHR4	11524134	CHR4:11524134	SSF x Far_LoA	-11,245	0,035	0,293
CHR4	11524175	CHR4:11524175	SSF x Far_LoA	-11,824	0,020	0,285
CHR4	11524192	CHR4:11524192	SSF x Far_LoA	-9,424	-0,017	0,295

CHR4	11524227	CHR4:11524227	SSF x Far_LoA	-11,974	-0,058	0,293
CHR4	11524425	CHR4:11524425	SSF x Far_LoA	-9,264	-0,078	0,286
CHR4	11546182	CHR4:11546182	SSF x Far_LoA	-9,846	0,002	0,283
CHR4	11546256	CHR4:11546256	SSF x Far_LoA	-9,039	0,061	0,289
CHR4	11564922	CHR4:11564922	SSF x Far_LoA	-8,813	-0,100	0,302
CHR4	11565014	CHR4:11565014	SSF x Far_LoA	-7,653	0,137	0,285
CHR4	11565022	CHR4:11565022	SSF x Far_LoA	-11,431	0,052	0,284
CHR4	11578008	CHR4:11578008	SSF x Far_LoA	-9,592	-0,132	0,287
CHR4	11578166	CHR4:11578166	SSF x Far_LoA	-10,376	-0,118	0,290
CHR4	11587080	CHR4:11587080	SSF x Far_LoA	-7,053	-0,174	0,283
CHR4	11587167	CHR4:11587167	SSF x Far_LoA	-9,288	-0,015	0,301
CHR4	11587274	CHR4:11587274	SSF x Far_LoA	-8,161	-0,052	0,314
CHR4	11588256	CHR4:11588256	SSF x Far_LoA	-11,373	0,049	0,298
CHR4	11598981	CHR4:11598981	SSF x Far_LoA	-8,514	0,029	0,260
CHR4	11598983	CHR4:11598983	SSF x Far_LoA	-9,070	0,012	0,276
CHR4	11606460	CHR4:11606460	SSF x Far_LoA	-11,268	0,030	0,279
CHR4	11606555	CHR4:11606555	SSF x Far_LoA	-11,359	0,079	0,277
CHR4	11606569	CHR4:11606569	SSF x Far_LoA	-8,943	0,039	0,294
CHR4	11606612	CHR4:11606612	SSF x Far_LoA	-0,398	-0,167	0,298
CHR4	11622891	CHR4:11622891	SSF x Far_LoA	-6,413	-0,022	0,298
CHR4	11622898	CHR4:11622898	SSF x Far_LoA	-8,862	-0,041	0,299
CHR4	11625496	CHR4:11625496	SSF x Far_LoA	-11,092	0,009	0,286
CHR4	11625506	CHR4:11625506	SSF x Far_LoA	-7,547	-0,029	0,291
CHR4	11625520	CHR4:11625520	SSF x Far_LoA	-8,384	-0,075	0,289
CHR4	11625621	CHR4:11625621	SSF x Far_LoA	-6,393	-0,152	0,306
CHR4	11625700	CHR4:11625700	SSF x Far_LoA	-11,245	0,016	0,289
CHR4	11645292	CHR4:11645292	SSF x Far_LoA	-10,144	0,041	0,286
CHR4	11702548	CHR4:11702548	SSF x Far_LoA	-11,321	-0,077	0,293
CHR4	11702705	CHR4:11702705	SSF x Far_LoA	-8,095	-0,043	0,277
CHR4	11702715	CHR4:11702715	SSF x Far_LoA	-9,386	-0,007	0,291
CHR4	11702743	CHR4:11702743	SSF x Far_LoA	-10,140	0,050	0,291
CHR4	11702745	CHR4:11702745	SSF x Far_LoA	-9,580	0,022	0,298
CHR4	11702767	CHR4:11702767	SSF x Far_LoA	-8,912	-0,127	0,269
CHR4	11724905	CHR4:11724905	SSF x Far_LoA	-9,691	-0,025	0,284
CHR4	11729788	CHR4:11729788	SSF x Far_LoA	-6,782	0,166	0,301
CHR4	11729818	CHR4:11729818	SSF x Far_LoA	-9,321	0,011	0,278
CHR4	11734133	CHR4:11734133	SSF x Far_LoA	-9,493	-0,028	0,290
CHR4	11734165	CHR4:11734165	SSF x Far_LoA	-9,286	-0,127	0,280
CHR4	11735407	CHR4:11735407	SSF x Far_LoA	-9,251	-0,145	0,296
CHR4	11735409	CHR4:11735409	SSF x Far_LoA	-10,250	-0,086	0,287
CHR4	11735436	CHR4:11735436	SSF x Far_LoA	-12,119	0,022	0,288
CHR4	11739734	CHR4:11739734	SSF x Far_LoA	-8,894	-0,043	0,298
CHR4	11739737	CHR4:11739737	SSF x Far_LoA	-9,834	0,108	0,291
CHR4	11739777	CHR4:11739777	SSF x Far_LoA	-4,331	0,030	0,288
CHR4	11741583	CHR4:11741583	SSF x Far_LoA	-10,139	-0,051	0,299
CHR4	11741600	CHR4:11741600	SSF x Far_LoA	-10,510	0,049	0,292
CHR4	11741650	CHR4:11741650	SSF x Far_LoA	-8,982	-0,135	0,296
CHR4	11791369	CHR4:11791369	SSF x Far_LoA	-11,613	0,003	0,282
CHR4	11791423	CHR4:11791423	SSF x Far_LoA	-7,758	-0,103	0,290
CHR4	11791441	CHR4:11791441	SSF x Far_LoA	-10,810	0,022	0,286
CHR4	11800578	CHR4:11800578	SSF x Far_LoA	-5,538	0,092	0,307
CHR4	11800723	CHR4:11800723	SSF x Far_LoA	-9,112	-0,097	0,294
CHR4	11800793	CHR4:11800793	SSF x Far_LoA	-9,372	0,025	0,283

CHR4	11815390	CHR4:11815390	SSF x Far_LoA	-2,323	0,062	0,295
CHR4	11815394	CHR4:11815394	SSF x Far_LoA	-9,092	0,066	0,276
CHR4	11815476	CHR4:11815476	SSF x Far_LoA	-7,281	0,076	0,310
CHR4	11817307	CHR4:11817307	SSF x Far_LoA	-8,622	0,056	0,299
CHR4	11819421	CHR4:11819421	SSF x Far_LoA	-8,830	0,026	0,294
CHR4	11819458	CHR4:11819458	SSF x Far_LoA	-8,705	-0,086	0,286
CHR4	11830466	CHR4:11830466	SSF x Far_LoA	-8,882	-0,025	0,306
CHR4	11830477	CHR4:11830477	SSF x Far_LoA	-7,044	-0,078	0,310
CHR4	11830526	CHR4:11830526	SSF x Far_LoA	-9,785	-0,033	0,289
CHR4	11830598	CHR4:11830598	SSF x Far_LoA	-10,375	0,006	0,285
CHR4	11830605	CHR4:11830605	SSF x Far_LoA	-10,579	0,029	0,294
CHR4	11830649	CHR4:11830649	SSF x Far_LoA	-10,836	0,073	0,296
CHR4	11830691	CHR4:11830691	SSF x Far_LoA	-8,622	-0,019	0,289
CHR4	11830717	CHR4:11830717	SSF x Far_LoA	-8,416	0,022	0,306
CHR4	11837901	CHR4:11837901	SSF x Far_LoA	-8,574	0,040	0,286
CHR4	11838058	CHR4:11838058	SSF x Far_LoA	-9,575	0,033	0,297
CHR4	11841455	CHR4:11841455	SSF x Far_LoA	-8,180	-0,077	0,294
CHR4	11841462	CHR4:11841462	SSF x Far_LoA	-8,396	0,076	0,307
CHR4	11841467	CHR4:11841467	SSF x Far_LoA	-8,027	0,009	0,286
CHR4	11841541	CHR4:11841541	SSF x Far_LoA	-7,856	-0,035	0,296
CHR4	1184546	CHR4:1184546	SSF x Far_LoA	-7,765	-0,135	0,295
CHR4	1184705	CHR4:1184705	SSF x Far_LoA	-10,773	0,015	0,301
CHR4	11854190	CHR4:11854190	SSF x Far_LoA	-9,807	0,053	0,292
CHR4	11854222	CHR4:11854222	SSF x Far_LoA	-9,884	0,059	0,290
CHR4	11854225	CHR4:11854225	SSF x Far_LoA	-10,840	0,011	0,297
CHR4	11854244	CHR4:11854244	SSF x Far_LoA	-11,256	0,038	0,300
CHR4	11854257	CHR4:11854257	SSF x Far_LoA	-8,969	-0,074	0,284
CHR4	11854269	CHR4:11854269	SSF x Far_LoA	-8,504	-0,101	0,292
CHR4	11854270	CHR4:11854270	SSF x Far_LoA	-8,057	-0,090	0,297
CHR4	11854283	CHR4:11854283	SSF x Far_LoA	-8,197	-0,105	0,296
CHR4	11859390	CHR4:11859390	SSF x Far_LoA	-9,589	0,082	0,283
CHR4	11883654	CHR4:11883654	SSF x Far_LoA	-10,686	0,020	0,294
CHR4	11883736	CHR4:11883736	SSF x Far_LoA	-10,970	0,013	0,285
CHR4	11883811	CHR4:11883811	SSF x Far_LoA	-3,755	0,007	0,293
CHR4	11883881	CHR4:11883881	SSF x Far_LoA	-7,649	0,089	0,297
CHR4	11883896	CHR4:11883896	SSF x Far_LoA	-9,097	0,012	0,304
CHR4	11895498	CHR4:11895498	SSF x Far_LoA	-9,866	0,016	0,276
CHR4	11895513	CHR4:11895513	SSF x Far_LoA	-11,008	-0,086	0,286
CHR4	11895524	CHR4:11895524	SSF x Far_LoA	-11,206	-0,050	0,280
CHR4	11895664	CHR4:11895664	SSF x Far_LoA	-8,116	0,038	0,293
CHR4	11895818	CHR4:11895818	SSF x Far_LoA	-9,298	0,065	0,289
CHR4	11899138	CHR4:11899138	SSF x Far_LoA	-12,108	0,005	0,291
CHR4	11899190	CHR4:11899190	SSF x Far_LoA	-9,799	0,024	0,280
CHR4	11903441	CHR4:11903441	SSF x Far_LoA	-8,190	0,028	0,309
CHR4	11903617	CHR4:11903617	SSF x Far_LoA	-8,875	0,035	0,299
CHR4	11908119	CHR4:11908119	SSF x Far_LoA	-7,574	0,112	0,290
CHR4	11908150	CHR4:11908150	SSF x Far_LoA	-10,680	-0,149	0,280
CHR4	11908302	CHR4:11908302	SSF x Far_LoA	-10,230	-0,098	0,304
CHR4	11908312	CHR4:11908312	SSF x Far_LoA	-10,158	-0,122	0,275
CHR4	11908344	CHR4:11908344	SSF x Far_LoA	-7,844	0,085	0,291
CHR4	11908371	CHR4:11908371	SSF x Far_LoA	-11,552	-0,047	0,290
CHR4	1193405	CHR4:1193405	SSF x Far_LoA	-9,591	0,123	0,273
CHR4	1193452	CHR4:1193452	SSF x Far_LoA	-8,450	0,091	0,293

CHR4	1193540	CHR4:1193540	SSF x Far_LoA	-7,299	-0,091	0,289
CHR4	11960950	CHR4:11960950	SSF x Far_LoA	-6,694	0,033	0,278
CHR4	11962496	CHR4:11962496	SSF x Far_LoA	-7,378	-0,022	0,285
CHR4	11962548	CHR4:11962548	SSF x Far_LoA	-10,699	0,037	0,302
CHR4	11962550	CHR4:11962550	SSF x Far_LoA	-11,897	0,042	0,289
CHR4	11966027	CHR4:11966027	SSF x Far_LoA	-9,692	0,070	0,285
CHR4	11984221	CHR4:11984221	SSF x Far_LoA	-8,842	-0,023	0,290
CHR4	11984252	CHR4:11984252	SSF x Far_LoA	-9,403	-0,002	0,292
CHR4	11984265	CHR4:11984265	SSF x Far_LoA	-8,580	-0,015	0,297
CHR4	11984364	CHR4:11984364	SSF x Far_LoA	-11,087	0,103	0,293
CHR4	11984457	CHR4:11984457	SSF x Far_LoA	-8,490	-0,079	0,272
CHR4	12019964	CHR4:12019964	SSF x Far_LoA	-9,708	-0,069	0,289
CHR4	12020044	CHR4:12020044	SSF x Far_LoA	-7,524	0,046	0,297
CHR4	12025030	CHR4:12025030	SSF x Far_LoA	-7,046	-0,014	0,281
CHR4	1209808	CHR4:1209808	SSF x Far_LoA	-7,494	0,058	0,295
CHR4	1209828	CHR4:1209828	SSF x Far_LoA	-8,821	0,132	0,296
CHR4	1209840	CHR4:1209840	SSF x Far_LoA	-11,006	-0,043	0,303
CHR4	1210043	CHR4:1210043	SSF x Far_LoA	-9,867	-0,051	0,311
CHR4	1210044	CHR4:1210044	SSF x Far_LoA	-10,031	-0,054	0,293
CHR4	12105082	CHR4:12105082	SSF x Far_LoA	-8,456	-0,019	0,296
CHR4	12105103	CHR4:12105103	SSF x Far_LoA	-6,879	-0,171	0,274
CHR4	12114289	CHR4:12114289	SSF x Far_LoA	-9,306	0,096	0,291
CHR4	12114339	CHR4:12114339	SSF x Far_LoA	-11,476	0,026	0,288
CHR4	12131889	CHR4:12131889	SSF x Far_LoA	-11,031	-0,062	0,289
CHR4	12133245	CHR4:12133245	SSF x Far_LoA	-10,923	-0,001	0,302
CHR4	12133296	CHR4:12133296	SSF x Far_LoA	-8,708	0,002	0,293
CHR4	12133307	CHR4:12133307	SSF x Far_LoA	-9,311	-0,001	0,286
CHR4	12140437	CHR4:12140437	SSF x Far_LoA	-9,859	0,036	0,296
CHR4	12153862	CHR4:12153862	SSF x Far_LoA	-8,632	-0,127	0,288
CHR4	12153868	CHR4:12153868	SSF x Far_LoA	-10,552	0,007	0,294
CHR4	12153889	CHR4:12153889	SSF x Far_LoA	-10,369	0,002	0,304
CHR4	12153913	CHR4:12153913	SSF x Far_LoA	-5,887	0,126	0,286
CHR4	12153924	CHR4:12153924	SSF x Far_LoA	-10,522	-0,038	0,301
CHR4	12154054	CHR4:12154054	SSF x Far_LoA	-10,381	-0,031	0,286
CHR4	12154069	CHR4:12154069	SSF x Far_LoA	-11,050	0,005	0,287
CHR4	12154129	CHR4:12154129	SSF x Far_LoA	-8,774	0,055	0,299
CHR4	12154136	CHR4:12154136	SSF x Far_LoA	-10,904	0,012	0,297
CHR4	12175373	CHR4:12175373	SSF x Far_LoA	-8,069	0,045	0,300
CHR4	12193784	CHR4:12193784	SSF x Far_LoA	-7,173	-0,024	0,300
CHR4	12193950	CHR4:12193950	SSF x Far_LoA	-10,980	0,025	0,291
CHR4	12193966	CHR4:12193966	SSF x Far_LoA	-9,468	-0,088	0,291
CHR4	12193991	CHR4:12193991	SSF x Far_LoA	-10,434	0,062	0,298
CHR4	12197876	CHR4:12197876	SSF x Far_LoA	-9,652	0,020	0,284
CHR4	12198020	CHR4:12198020	SSF x Far_LoA	-4,896	-0,070	0,307
CHR4	12198063	CHR4:12198063	SSF x Far_LoA	-12,042	-0,034	0,278
CHR4	12198089	CHR4:12198089	SSF x Far_LoA	-9,211	-0,041	0,292
CHR4	12215244	CHR4:12215244	SSF x Far_LoA	-8,464	-0,114	0,291
CHR4	12217683	CHR4:12217683	SSF x Far_LoA	-7,461	0,097	0,285
CHR4	12217688	CHR4:12217688	SSF x Far_LoA	-9,104	-0,004	0,296
CHR4	12217753	CHR4:12217753	SSF x Far_LoA	-9,994	0,017	0,300
CHR4	12224789	CHR4:12224789	SSF x Far_LoA	-9,219	-0,091	0,292
CHR4	12224812	CHR4:12224812	SSF x Far_LoA	-8,560	-0,127	0,278
CHR4	12224988	CHR4:12224988	SSF x Far_LoA	-9,445	-0,004	0,296

CHR4	12225010	CHR4:12225010	SSF x Far_LoA	-10,271	-0,016	0,301
CHR4	12226675	CHR4:12226675	SSF x Far_LoA	-7,457	0,073	0,305
CHR4	12228960	CHR4:12228960	SSF x Far_LoA	-9,760	-0,122	0,278
CHR4	12229075	CHR4:12229075	SSF x Far_LoA	-11,114	0,013	0,289
CHR4	12231672	CHR4:12231672	SSF x Far_LoA	-3,817	0,125	0,275
CHR4	12238551	CHR4:12238551	SSF x Far_LoA	-11,052	-0,043	0,290
CHR4	12247393	CHR4:12247393	SSF x Far_LoA	-3,765	0,069	0,291
CHR4	12247435	CHR4:12247435	SSF x Far_LoA	-11,559	0,043	0,291
CHR4	12247447	CHR4:12247447	SSF x Far_LoA	-11,510	-0,012	0,290
CHR4	12247509	CHR4:12247509	SSF x Far_LoA	-9,741	0,019	0,292
CHR4	12247542	CHR4:12247542	SSF x Far_LoA	-9,166	-0,044	0,291
CHR4	1224819	CHR4:1224819	SSF x Far_LoA	-9,696	-0,111	0,295
CHR4	1224824	CHR4:1224824	SSF x Far_LoA	-9,416	-0,055	0,290
CHR4	12257853	CHR4:12257853	SSF x Far_LoA	-10,214	-0,044	0,297
CHR4	12266290	CHR4:12266290	SSF x Far_LoA	-12,493	0,048	0,299
CHR4	12266313	CHR4:12266313	SSF x Far_LoA	-10,822	-0,108	0,291
CHR4	12266332	CHR4:12266332	SSF x Far_LoA	-11,238	0,071	0,275
CHR4	12266382	CHR4:12266382	SSF x Far_LoA	-8,065	-0,148	0,273
CHR4	12266383	CHR4:12266383	SSF x Far_LoA	-7,922	0,081	0,280
CHR4	12266386	CHR4:12266386	SSF x Far_LoA	-8,937	0,090	0,283
CHR4	12266467	CHR4:12266467	SSF x Far_LoA	-8,422	0,136	0,277
CHR4	12266469	CHR4:12266469	SSF x Far_LoA	-7,886	-0,061	0,284
CHR4	12266475	CHR4:12266475	SSF x Far_LoA	-10,917	-0,019	0,296
CHR4	12266522	CHR4:12266522	SSF x Far_LoA	-8,061	-0,094	0,309
CHR4	12266533	CHR4:12266533	SSF x Far_LoA	-8,811	-0,070	0,305
CHR4	12272762	CHR4:12272762	SSF x Far_LoA	16,904	0,009	0,278
CHR4	12272783	CHR4:12272783	SSF x Far_LoA	-10,221	0,017	0,290
CHR4	12284181	CHR4:12284181	SSF x Far_LoA	-9,597	-0,043	0,292
CHR4	12284212	CHR4:12284212	SSF x Far_LoA	-7,091	-0,028	0,275
CHR4	12284270	CHR4:12284270	SSF x Far_LoA	-5,767	0,126	0,286
CHR4	12284286	CHR4:12284286	SSF x Far_LoA	-11,309	-0,036	0,303
CHR4	12284358	CHR4:12284358	SSF x Far_LoA	-10,314	-0,083	0,296
CHR4	12284385	CHR4:12284385	SSF x Far_LoA	-8,588	-0,004	0,292
CHR4	12284387	CHR4:12284387	SSF x Far_LoA	-12,532	0,004	0,281
CHR4	1228672	CHR4:1228672	SSF x Far_LoA	-10,263	-0,004	0,298
CHR4	12295152	CHR4:12295152	SSF x Far_LoA	-9,977	-0,003	0,291
CHR4	12295175	CHR4:12295175	SSF x Far_LoA	-11,050	0,002	0,293
CHR4	12295184	CHR4:12295184	SSF x Far_LoA	-11,142	0,022	0,283
CHR4	12295188	CHR4:12295188	SSF x Far_LoA	-8,818	0,028	0,298
CHR4	12295195	CHR4:12295195	SSF x Far_LoA	-11,615	-0,033	0,284
CHR4	12295197	CHR4:12295197	SSF x Far_LoA	-8,858	0,040	0,284
CHR4	12295234	CHR4:12295234	SSF x Far_LoA	-11,360	-0,036	0,290
CHR4	12295238	CHR4:12295238	SSF x Far_LoA	-8,354	-0,006	0,285
CHR4	12295421	CHR4:12295421	SSF x Far_LoA	-10,928	-0,036	0,300
CHR4	12298903	CHR4:12298903	SSF x Far_LoA	-8,251	0,010	0,301
CHR4	12299172	CHR4:12299172	SSF x Far_LoA	-8,866	0,057	0,292
CHR4	12309722	CHR4:12309722	SSF x Far_LoA	-9,763	-0,004	0,296
CHR4	12309765	CHR4:12309765	SSF x Far_LoA	-8,746	-0,025	0,296
CHR4	12309791	CHR4:12309791	SSF x Far_LoA	-4,693	-0,130	0,287
CHR4	12309797	CHR4:12309797	SSF x Far_LoA	-4,505	-0,138	0,289
CHR4	12309811	CHR4:12309811	SSF x Far_LoA	-11,602	0,095	0,285
CHR4	12309881	CHR4:12309881	SSF x Far_LoA	-11,720	-0,012	0,299
CHR4	12322608	CHR4:12322608	SSF x Far_LoA	-9,550	0,015	0,296

CHR4	12322655	CHR4:12322655	SSF x Far_LoA	-1,920	0,166	0,285
CHR4	12322681	CHR4:12322681	SSF x Far_LoA	-8,873	0,001	0,296
CHR4	12328196	CHR4:12328196	SSF x Far_LoA	-9,538	-0,028	0,293
CHR4	12328271	CHR4:12328271	SSF x Far_LoA	-10,987	-0,095	0,291
CHR4	12328289	CHR4:12328289	SSF x Far_LoA	-10,918	-0,072	0,285
CHR4	12328354	CHR4:12328354	SSF x Far_LoA	-10,005	-0,046	0,294
CHR4	12342810	CHR4:12342810	SSF x Far_LoA	-4,100	0,083	0,279
CHR4	12342884	CHR4:12342884	SSF x Far_LoA	-11,041	-0,074	0,280
CHR4	12342892	CHR4:12342892	SSF x Far_LoA	-10,457	0,031	0,298
CHR4	1234461	CHR4:1234461	SSF x Far_LoA	-8,755	-0,022	0,291
CHR4	1234470	CHR4:1234470	SSF x Far_LoA	-9,606	0,014	0,274
CHR4	1234609	CHR4:1234609	SSF x Far_LoA	-11,362	-0,010	0,288
CHR4	1234618	CHR4:1234618	SSF x Far_LoA	-8,847	-0,007	0,287
CHR4	12360539	CHR4:12360539	SSF x Far_LoA	-9,298	0,184	0,280
CHR4	12360603	CHR4:12360603	SSF x Far_LoA	-7,497	0,129	0,308
CHR4	12360668	CHR4:12360668	SSF x Far_LoA	-10,311	0,069	0,290
CHR4	12360676	CHR4:12360676	SSF x Far_LoA	-8,255	0,085	0,284
CHR4	12360683	CHR4:12360683	SSF x Far_LoA	-6,602	0,219	0,288
CHR4	12360690	CHR4:12360690	SSF x Far_LoA	-5,526	0,228	0,283
CHR4	12360691	CHR4:12360691	SSF x Far_LoA	-5,725	0,185	0,276
CHR4	12360692	CHR4:12360692	SSF x Far_LoA	-6,647	0,189	0,295
CHR4	12360693	CHR4:12360693	SSF x Far_LoA	-6,919	0,191	0,279
CHR4	12360723	CHR4:12360723	SSF x Far_LoA	-5,858	0,179	0,288
CHR4	12360731	CHR4:12360731	SSF x Far_LoA	-6,787	-0,131	0,292
CHR4	12360798	CHR4:12360798	SSF x Far_LoA	-10,995	0,008	0,289
CHR4	123647	CHR4:123647	SSF x Far_LoA	-9,543	-0,114	0,287
CHR4	12399235	CHR4:12399235	SSF x Far_LoA	-9,255	0,060	0,289
CHR4	12405014	CHR4:12405014	SSF x Far_LoA	-8,221	-0,019	0,270
CHR4	12405136	CHR4:12405136	SSF x Far_LoA	-9,469	0,044	0,286
CHR4	12405296	CHR4:12405296	SSF x Far_LoA	-1,935	-0,022	0,281
CHR4	12413200	CHR4:12413200	SSF x Far_LoA	-10,430	0,118	0,281
CHR4	12418477	CHR4:12418477	SSF x Far_LoA	-9,165	-0,095	0,278
CHR4	12423470	CHR4:12423470	SSF x Far_LoA	-11,404	-0,027	0,287
CHR4	12423517	CHR4:12423517	SSF x Far_LoA	-8,339	0,066	0,291
CHR4	1243323	CHR4:1243323	SSF x Far_LoA	-7,569	0,165	0,290
CHR4	12483230	CHR4:12483230	SSF x Far_LoA	-10,592	-0,036	0,299
CHR4	12488373	CHR4:12488373	SSF x Far_LoA	-7,751	0,081	0,297
CHR4	12488834	CHR4:12488834	SSF x Far_LoA	-9,111	-0,145	0,271
CHR4	12503437	CHR4:12503437	SSF x Far_LoA	-10,155	-0,042	0,289
CHR4	12508017	CHR4:12508017	SSF x Far_LoA	-11,093	-0,075	0,290
CHR4	12508035	CHR4:12508035	SSF x Far_LoA	-9,691	0,029	0,306
CHR4	12508153	CHR4:12508153	SSF x Far_LoA	-9,390	0,007	0,281
CHR4	12512741	CHR4:12512741	SSF x Far_LoA	-11,129	-0,053	0,286
CHR4	12512749	CHR4:12512749	SSF x Far_LoA	-11,390	-0,067	0,294
CHR4	12512758	CHR4:12512758	SSF x Far_LoA	-7,212	0,104	0,270
CHR4	12523015	CHR4:12523015	SSF x Far_LoA	-9,811	-0,014	0,290
CHR4	12523096	CHR4:12523096	SSF x Far_LoA	-9,757	-0,018	0,283
CHR4	12531034	CHR4:12531034	SSF x Far_LoA	-10,171	-0,042	0,286
CHR4	12531048	CHR4:12531048	SSF x Far_LoA	-11,774	-0,010	0,300
CHR4	12540375	CHR4:12540375	SSF x Far_LoA	-10,917	-0,064	0,291
CHR4	12543949	CHR4:12543949	SSF x Far_LoA	-8,531	0,038	0,309
CHR4	12544027	CHR4:12544027	SSF x Far_LoA	-10,236	-0,064	0,278
CHR4	12544132	CHR4:12544132	SSF x Far_LoA	-10,681	0,031	0,280

CHR4	12544183	CHR4:12544183	SSF x Far_LoA	-9,102	-0,015	0,287
CHR4	12544218	CHR4:12544218	SSF x Far_LoA	-9,032	0,096	0,299
CHR4	125547	CHR4:125547	SSF x Far_LoA	-8,521	-0,031	0,286
CHR4	1257760	CHR4:1257760	SSF x Far_LoA	-6,961	0,083	0,291
CHR4	12578181	CHR4:12578181	SSF x Far_LoA	-9,224	0,058	0,301
CHR4	12578345	CHR4:12578345	SSF x Far_LoA	-8,097	-0,103	0,277
CHR4	12578347	CHR4:12578347	SSF x Far_LoA	-7,528	-0,128	0,287
CHR4	12578366	CHR4:12578366	SSF x Far_LoA	-8,350	-0,128	0,284
CHR4	12578394	CHR4:12578394	SSF x Far_LoA	-10,383	0,021	0,297
CHR4	12588430	CHR4:12588430	SSF x Far_LoA	-8,117	0,037	0,295
CHR4	12588665	CHR4:12588665	SSF x Far_LoA	-9,272	0,210	0,272
CHR4	12592487	CHR4:12592487	SSF x Far_LoA	-7,530	0,057	0,292
CHR4	12592572	CHR4:12592572	SSF x Far_LoA	-10,361	-0,027	0,292
CHR4	12592616	CHR4:12592616	SSF x Far_LoA	-9,200	-0,026	0,287
CHR4	12592627	CHR4:12592627	SSF x Far_LoA	-9,103	0,131	0,284
CHR4	12605310	CHR4:12605310	SSF x Far_LoA	-8,706	0,037	0,293
CHR4	12605380	CHR4:12605380	SSF x Far_LoA	-9,834	-0,067	0,294
CHR4	12605505	CHR4:12605505	SSF x Far_LoA	-9,975	0,094	0,295
CHR4	12609953	CHR4:12609953	SSF x Far_LoA	-11,619	0,078	0,287
CHR4	12609988	CHR4:12609988	SSF x Far_LoA	-10,168	0,103	0,297
CHR4	12626644	CHR4:12626644	SSF x Far_LoA	-9,764	-0,091	0,283
CHR4	12627822	CHR4:12627822	SSF x Far_LoA	-9,067	-0,009	0,287
CHR4	12627884	CHR4:12627884	SSF x Far_LoA	-10,736	0,068	0,300
CHR4	12643924	CHR4:12643924	SSF x Far_LoA	-8,919	0,026	0,292
CHR4	12644118	CHR4:12644118	SSF x Far_LoA	-9,674	-0,031	0,293
CHR4	12653350	CHR4:12653350	SSF x Far_LoA	-9,417	-0,096	0,277
CHR4	12672377	CHR4:12672377	SSF x Far_LoA	-8,365	-0,075	0,293
CHR4	12685923	CHR4:12685923	SSF x Far_LoA	-11,427	0,013	0,291
CHR4	12685951	CHR4:12685951	SSF x Far_LoA	-9,807	0,017	0,296
CHR4	12685993	CHR4:12685993	SSF x Far_LoA	-3,582	0,119	0,308
CHR4	12686075	CHR4:12686075	SSF x Far_LoA	-9,106	0,003	0,297
CHR4	12686151	CHR4:12686151	SSF x Far_LoA	-7,852	0,099	0,295
CHR4	12699412	CHR4:12699412	SSF x Far_LoA	-7,523	0,089	0,289
CHR4	12765341	CHR4:12765341	SSF x Far_LoA	-11,557	0,000	0,300
CHR4	12790684	CHR4:12790684	SSF x Far_LoA	-11,084	0,090	0,292
CHR4	1280551	CHR4:1280551	SSF x Far_LoA	-9,157	0,005	0,279
CHR4	1280713	CHR4:1280713	SSF x Far_LoA	-7,633	-0,028	0,290
CHR4	1280777	CHR4:1280777	SSF x Far_LoA	-11,393	-0,026	0,294
CHR4	12824876	CHR4:12824876	SSF x Far_LoA	-7,765	0,155	0,284
CHR4	12824899	CHR4:12824899	SSF x Far_LoA	-8,466	-0,079	0,297
CHR4	12824900	CHR4:12824900	SSF x Far_LoA	-7,171	-0,104	0,301
CHR4	12824957	CHR4:12824957	SSF x Far_LoA	-9,503	0,050	0,293
CHR4	12827504	CHR4:12827504	SSF x Far_LoA	-9,548	-0,021	0,290
CHR4	12827529	CHR4:12827529	SSF x Far_LoA	-8,410	0,097	0,288
CHR4	12827562	CHR4:12827562	SSF x Far_LoA	-9,685	-0,062	0,281
CHR4	12827685	CHR4:12827685	SSF x Far_LoA	-7,554	-0,008	0,301
CHR4	12827693	CHR4:12827693	SSF x Far_LoA	-9,612	0,027	0,280
CHR4	12827794	CHR4:12827794	SSF x Far_LoA	-8,300	-0,077	0,294
CHR4	12827832	CHR4:12827832	SSF x Far_LoA	-9,489	-0,093	0,293
CHR4	12835889	CHR4:12835889	SSF x Far_LoA	-10,406	0,022	0,299
CHR4	12835931	CHR4:12835931	SSF x Far_LoA	-9,567	-0,071	0,305
CHR4	12835960	CHR4:12835960	SSF x Far_LoA	-5,797	-0,098	0,287
CHR4	12835970	CHR4:12835970	SSF x Far_LoA	-7,718	-0,087	0,297

CHR4	12835992	CHR4:12835992	SSF x Far_LoA	-11,932	-0,007	0,293
CHR4	12836041	CHR4:12836041	SSF x Far_LoA	-12,046	0,064	0,275
CHR4	12846586	CHR4:12846586	SSF x Far_LoA	-9,748	-0,040	0,295
CHR4	12846622	CHR4:12846622	SSF x Far_LoA	-10,812	-0,002	0,288
CHR4	12846741	CHR4:12846741	SSF x Far_LoA	-10,915	-0,046	0,295
CHR4	12846760	CHR4:12846760	SSF x Far_LoA	-8,824	0,044	0,300
CHR4	12846761	CHR4:12846761	SSF x Far_LoA	-9,574	-0,007	0,286
CHR4	12846762	CHR4:12846762	SSF x Far_LoA	-11,156	-0,060	0,290
CHR4	12846765	CHR4:12846765	SSF x Far_LoA	-12,406	-0,018	0,286
CHR4	12869054	CHR4:12869054	SSF x Far_LoA	-7,717	0,168	0,293
CHR4	12872571	CHR4:12872571	SSF x Far_LoA	-8,807	0,060	0,291
CHR4	12879120	CHR4:12879120	SSF x Far_LoA	-9,287	-0,070	0,286
CHR4	12879158	CHR4:12879158	SSF x Far_LoA	-7,788	-0,041	0,288
CHR4	12879181	CHR4:12879181	SSF x Far_LoA	-6,755	-0,009	0,315
CHR4	12879239	CHR4:12879239	SSF x Far_LoA	-10,371	-0,102	0,293
CHR4	12885095	CHR4:12885095	SSF x Far_LoA	-8,415	-0,082	0,284
CHR4	1290806	CHR4:1290806	SSF x Far_LoA	-10,482	0,027	0,286
CHR4	1290820	CHR4:1290820	SSF x Far_LoA	-7,852	-0,059	0,293
CHR4	1290832	CHR4:1290832	SSF x Far_LoA	-9,674	-0,008	0,302
CHR4	1290884	CHR4:1290884	SSF x Far_LoA	-8,022	-0,082	0,300
CHR4	1290948	CHR4:1290948	SSF x Far_LoA	-7,934	0,119	0,274
CHR4	1290978	CHR4:1290978	SSF x Far_LoA	-11,381	0,030	0,297
CHR4	12912148	CHR4:12912148	SSF x Far_LoA	-11,153	0,026	0,284
CHR4	12912176	CHR4:12912176	SSF x Far_LoA	-6,436	-0,189	0,290
CHR4	1291404	CHR4:1291404	SSF x Far_LoA	-11,138	-0,048	0,281
CHR4	12915546	CHR4:12915546	SSF x Far_LoA	-10,110	-0,088	0,294
CHR4	12915665	CHR4:12915665	SSF x Far_LoA	-7,732	0,071	0,305
CHR4	12915700	CHR4:12915700	SSF x Far_LoA	-9,192	0,135	0,271
CHR4	12915709	CHR4:12915709	SSF x Far_LoA	-9,532	0,053	0,279
CHR4	12915712	CHR4:12915712	SSF x Far_LoA	-7,544	-0,054	0,298
CHR4	12915823	CHR4:12915823	SSF x Far_LoA	-10,232	0,054	0,281
CHR4	12915835	CHR4:12915835	SSF x Far_LoA	-9,164	0,034	0,286
CHR4	12915836	CHR4:12915836	SSF x Far_LoA	-8,429	0,129	0,280
CHR4	12915966	CHR4:12915966	SSF x Far_LoA	-10,756	-0,033	0,291
CHR4	12917720	CHR4:12917720	SSF x Far_LoA	-10,135	0,051	0,270
CHR4	12917724	CHR4:12917724	SSF x Far_LoA	-5,324	-0,173	0,290
CHR4	12917739	CHR4:12917739	SSF x Far_LoA	-4,563	0,064	0,293
CHR4	12917747	CHR4:12917747	SSF x Far_LoA	-3,917	-0,184	0,287
CHR4	12917835	CHR4:12917835	SSF x Far_LoA	-7,533	0,007	0,282
CHR4	12917840	CHR4:12917840	SSF x Far_LoA	-9,815	0,022	0,301
CHR4	12917873	CHR4:12917873	SSF x Far_LoA	-6,340	-0,142	0,287
CHR4	12917895	CHR4:12917895	SSF x Far_LoA	-9,374	0,054	0,291
CHR4	12922516	CHR4:12922516	SSF x Far_LoA	-10,037	-0,048	0,297
CHR4	12922535	CHR4:12922535	SSF x Far_LoA	-9,174	-0,059	0,288
CHR4	12922667	CHR4:12922667	SSF x Far_LoA	-8,629	0,122	0,283
CHR4	12922684	CHR4:12922684	SSF x Far_LoA	-10,200	-0,025	0,297
CHR4	12934536	CHR4:12934536	SSF x Far_LoA	-11,419	0,024	0,292
CHR4	12934561	CHR4:12934561	SSF x Far_LoA	-8,630	0,017	0,303
CHR4	12942127	CHR4:12942127	SSF x Far_LoA	-11,807	0,061	0,277
CHR4	12942142	CHR4:12942142	SSF x Far_LoA	-10,107	0,035	0,289
CHR4	12942290	CHR4:12942290	SSF x Far_LoA	-9,376	0,026	0,292
CHR4	12942323	CHR4:12942323	SSF x Far_LoA	-10,982	0,039	0,294
CHR4	12961696	CHR4:12961696	SSF x Far_LoA	-9,915	-0,170	0,285

CHR4	12967448	CHR4:12967448	SSF x Far_LoA	-8,856	0,067	0,285
CHR4	12967573	CHR4:12967573	SSF x Far_LoA	-11,927	-0,028	0,274
CHR4	12986503	CHR4:12986503	SSF x Far_LoA	-5,327	0,192	0,283
CHR4	12996254	CHR4:12996254	SSF x Far_LoA	-8,835	-0,027	0,279
CHR4	13000452	CHR4:13000452	SSF x Far_LoA	-8,863	0,030	0,299
CHR4	13061292	CHR4:13061292	SSF x Far_LoA	-7,264	0,032	0,291
CHR4	13066055	CHR4:13066055	SSF x Far_LoA	-9,639	-0,038	0,271
CHR4	13067217	CHR4:13067217	SSF x Far_LoA	-8,314	-0,043	0,298
CHR4	13067230	CHR4:13067230	SSF x Far_LoA	-11,740	0,038	0,284
CHR4	13067270	CHR4:13067270	SSF x Far_LoA	-11,478	0,001	0,292
CHR4	13068330	CHR4:13068330	SSF x Far_LoA	-7,890	-0,112	0,298
CHR4	13092033	CHR4:13092033	SSF x Far_LoA	-11,492	0,008	0,271
CHR4	13092103	CHR4:13092103	SSF x Far_LoA	-5,214	0,031	0,304
CHR4	13092134	CHR4:13092134	SSF x Far_LoA	-11,322	0,029	0,294
CHR4	13092148	CHR4:13092148	SSF x Far_LoA	-9,020	0,029	0,298
CHR4	13092176	CHR4:13092176	SSF x Far_LoA	-8,783	0,012	0,295
CHR4	13092181	CHR4:13092181	SSF x Far_LoA	-8,793	-0,025	0,279
CHR4	13092184	CHR4:13092184	SSF x Far_LoA	-8,710	-0,018	0,293
CHR4	13096954	CHR4:13096954	SSF x Far_LoA	-10,039	-0,028	0,291
CHR4	13097285	CHR4:13097285	SSF x Far_LoA	-9,321	0,114	0,282
CHR4	13115443	CHR4:13115443	SSF x Far_LoA	-7,878	0,035	0,303
CHR4	13115457	CHR4:13115457	SSF x Far_LoA	-9,069	0,064	0,296
CHR4	13123004	CHR4:13123004	SSF x Far_LoA	-11,458	-0,020	0,302
CHR4	13123165	CHR4:13123165	SSF x Far_LoA	-11,377	0,029	0,285
CHR4	13129538	CHR4:13129538	SSF x Far_LoA	-10,347	-0,039	0,307
CHR4	13129897	CHR4:13129897	SSF x Far_LoA	-8,692	-0,073	0,304
CHR4	13136128	CHR4:13136128	SSF x Far_LoA	-12,288	0,045	0,268
CHR4	13136210	CHR4:13136210	SSF x Far_LoA	-6,732	0,073	0,296
CHR4	13137654	CHR4:13137654	SSF x Far_LoA	-6,342	0,014	0,292
CHR4	13137660	CHR4:13137660	SSF x Far_LoA	-10,716	0,060	0,283
CHR4	13153156	CHR4:13153156	SSF x Far_LoA	-7,689	0,144	0,295
CHR4	13153161	CHR4:13153161	SSF x Far_LoA	-11,710	0,073	0,285
CHR4	13153218	CHR4:13153218	SSF x Far_LoA	-9,658	-0,143	0,282
CHR4	1316334	CHR4:1316334	SSF x Far_LoA	-10,526	-0,090	0,289
CHR4	1316473	CHR4:1316473	SSF x Far_LoA	-8,042	0,025	0,286
CHR4	13165279	CHR4:13165279	SSF x Far_LoA	-2,128	0,205	0,288
CHR4	13165315	CHR4:13165315	SSF x Far_LoA	-11,883	0,014	0,290
CHR4	13165316	CHR4:13165316	SSF x Far_LoA	-10,058	0,017	0,285
CHR4	13165373	CHR4:13165373	SSF x Far_LoA	-12,648	0,034	0,290
CHR4	13165476	CHR4:13165476	SSF x Far_LoA	-7,145	-0,187	0,292
CHR4	13165553	CHR4:13165553	SSF x Far_LoA	-10,534	0,059	0,283
CHR4	13180155	CHR4:13180155	SSF x Far_LoA	-11,198	0,043	0,286
CHR4	13180162	CHR4:13180162	SSF x Far_LoA	-8,306	-0,047	0,286
CHR4	13185278	CHR4:13185278	SSF x Far_LoA	-6,142	-0,112	0,292
CHR4	13185392	CHR4:13185392	SSF x Far_LoA	-10,064	0,072	0,294
CHR4	13185605	CHR4:13185605	SSF x Far_LoA	-8,131	0,082	0,264
CHR4	13190297	CHR4:13190297	SSF x Far_LoA	-11,371	0,011	0,286
CHR4	13190351	CHR4:13190351	SSF x Far_LoA	-8,739	-0,073	0,301
CHR4	13196469	CHR4:13196469	SSF x Far_LoA	-9,374	-0,042	0,282
CHR4	13196846	CHR4:13196846	SSF x Far_LoA	-9,356	-0,016	0,285
CHR4	13200243	CHR4:13200243	SSF x Far_LoA	-11,422	0,042	0,283
CHR4	13209001	CHR4:13209001	SSF x Far_LoA	-12,333	0,049	0,282
CHR4	13211889	CHR4:13211889	SSF x Far_LoA	-8,646	0,046	0,303

CHR4	13218853	CHR4:13218853	SSF x Far_LoA	-10,538	-0,013	0,296
CHR4	1322333	CHR4:1322333	SSF x Far_LoA	-8,807	-0,038	0,304
CHR4	1322387	CHR4:1322387	SSF x Far_LoA	-4,255	-0,130	0,295
CHR4	1322398	CHR4:1322398	SSF x Far_LoA	-11,139	0,122	0,288
CHR4	1322465	CHR4:1322465	SSF x Far_LoA	-8,065	-0,129	0,289
CHR4	13225146	CHR4:13225146	SSF x Far_LoA	-9,469	-0,013	0,294
CHR4	13232230	CHR4:13232230	SSF x Far_LoA	-9,397	0,166	0,279
CHR4	13232426	CHR4:13232426	SSF x Far_LoA	-7,950	0,113	0,287
CHR4	13232489	CHR4:13232489	SSF x Far_LoA	-11,215	-0,014	0,276
CHR4	13232553	CHR4:13232553	SSF x Far_LoA	-7,026	0,033	0,292
CHR4	13235520	CHR4:13235520	SSF x Far_LoA	-11,118	-0,022	0,287
CHR4	1323780	CHR4:1323780	SSF x Far_LoA	-8,750	0,084	0,277
CHR4	13248654	CHR4:13248654	SSF x Far_LoA	-10,471	0,018	0,295
CHR4	13248697	CHR4:13248697	SSF x Far_LoA	-3,892	-0,153	0,291
CHR4	13248764	CHR4:13248764	SSF x Far_LoA	-9,533	0,135	0,286
CHR4	13248770	CHR4:13248770	SSF x Far_LoA	-10,033	0,131	0,268
CHR4	13248806	CHR4:13248806	SSF x Far_LoA	-9,264	0,105	0,264
CHR4	13248807	CHR4:13248807	SSF x Far_LoA	-8,979	0,128	0,270
CHR4	13248828	CHR4:13248828	SSF x Far_LoA	-6,069	0,099	0,296
CHR4	13248834	CHR4:13248834	SSF x Far_LoA	-7,909	0,070	0,278
CHR4	13248886	CHR4:13248886	SSF x Far_LoA	-11,592	0,042	0,274
CHR4	13255255	CHR4:13255255	SSF x Far_LoA	-9,733	-0,091	0,303
CHR4	13255419	CHR4:13255419	SSF x Far_LoA	-7,410	-0,034	0,308
CHR4	13255443	CHR4:13255443	SSF x Far_LoA	-9,063	0,037	0,275
CHR4	13255446	CHR4:13255446	SSF x Far_LoA	-8,834	0,018	0,291
CHR4	13255590	CHR4:13255590	SSF x Far_LoA	-10,032	0,029	0,298
CHR4	13259398	CHR4:13259398	SSF x Far_LoA	-10,319	0,067	0,297
CHR4	13259465	CHR4:13259465	SSF x Far_LoA	-10,665	-0,019	0,296
CHR4	13260249	CHR4:13260249	SSF x Far_LoA	-10,470	-0,028	0,300
CHR4	13269445	CHR4:13269445	SSF x Far_LoA	-9,593	-0,014	0,270
CHR4	13269606	CHR4:13269606	SSF x Far_LoA	-8,425	0,038	0,279
CHR4	13269616	CHR4:13269616	SSF x Far_LoA	-9,910	0,017	0,289
CHR4	1327049	CHR4:1327049	SSF x Far_LoA	-5,659	-0,135	0,288
CHR4	13271234	CHR4:13271234	SSF x Far_LoA	-11,312	0,024	0,288
CHR4	13271303	CHR4:13271303	SSF x Far_LoA	-11,077	-0,021	0,291
CHR4	13271478	CHR4:13271478	SSF x Far_LoA	-9,464	0,058	0,291
CHR4	13279356	CHR4:13279356	SSF x Far_LoA	-11,628	0,015	0,276
CHR4	13279664	CHR4:13279664	SSF x Far_LoA	-10,434	0,102	0,282
CHR4	13283087	CHR4:13283087	SSF x Far_LoA	-9,111	0,053	0,294
CHR4	13283311	CHR4:13283311	SSF x Far_LoA	-10,132	0,063	0,295
CHR4	13288620	CHR4:13288620	SSF x Far_LoA	-9,152	0,005	0,308
CHR4	13314365	CHR4:13314365	SSF x Far_LoA	-9,402	0,008	0,287
CHR4	13314516	CHR4:13314516	SSF x Far_LoA	-5,859	-0,086	0,297
CHR4	13315371	CHR4:13315371	SSF x Far_LoA	-9,727	-0,003	0,291
CHR4	13320422	CHR4:13320422	SSF x Far_LoA	-7,810	-0,101	0,286
CHR4	13320428	CHR4:13320428	SSF x Far_LoA	-9,725	0,016	0,296
CHR4	13320643	CHR4:13320643	SSF x Far_LoA	-10,469	-0,125	0,285
CHR4	13320657	CHR4:13320657	SSF x Far_LoA	-7,961	0,099	0,295
CHR4	13320695	CHR4:13320695	SSF x Far_LoA	-11,577	-0,019	0,295
CHR4	13320756	CHR4:13320756	SSF x Far_LoA	-10,983	0,035	0,293
CHR4	13320770	CHR4:13320770	SSF x Far_LoA	-11,747	0,063	0,299
CHR4	13320775	CHR4:13320775	SSF x Far_LoA	-4,391	0,040	0,306
CHR4	13320806	CHR4:13320806	SSF x Far_LoA	-6,190	0,029	0,302

CHR4	13320808	CHR4:13320808	SSF x Far_LoA	-9,169	0,034	0,307
CHR4	13320848	CHR4:13320848	SSF x Far_LoA	-8,764	-0,035	0,295
CHR4	13327721	CHR4:13327721	SSF x Far_LoA	-7,824	-0,157	0,275
CHR4	13335607	CHR4:13335607	SSF x Far_LoA	-7,950	0,067	0,270
CHR4	13335823	CHR4:13335823	SSF x Far_LoA	-11,374	0,059	0,293
CHR4	13340211	CHR4:13340211	SSF x Far_LoA	-11,117	-0,023	0,292
CHR4	13343687	CHR4:13343687	SSF x Far_LoA	-5,629	0,093	0,290
CHR4	13343693	CHR4:13343693	SSF x Far_LoA	-10,781	0,146	0,273
CHR4	13343747	CHR4:13343747	SSF x Far_LoA	-9,447	0,058	0,286
CHR4	13343885	CHR4:13343885	SSF x Far_LoA	-10,662	-0,005	0,300
CHR4	13345584	CHR4:13345584	SSF x Far_LoA	-9,699	-0,083	0,289
CHR4	13345599	CHR4:13345599	SSF x Far_LoA	-6,546	-0,176	0,286
CHR4	13345796	CHR4:13345796	SSF x Far_LoA	-8,789	0,129	0,300
CHR4	13351008	CHR4:13351008	SSF x Far_LoA	-10,166	-0,086	0,284
CHR4	13354602	CHR4:13354602	SSF x Far_LoA	-9,127	-0,063	0,288
CHR4	13354659	CHR4:13354659	SSF x Far_LoA	-9,590	0,063	0,281
CHR4	13354667	CHR4:13354667	SSF x Far_LoA	-10,128	0,029	0,292
CHR4	13354732	CHR4:13354732	SSF x Far_LoA	-10,333	0,081	0,286
CHR4	13354744	CHR4:13354744	SSF x Far_LoA	-9,162	0,102	0,291
CHR4	13354749	CHR4:13354749	SSF x Far_LoA	-8,314	0,058	0,301
CHR4	13354780	CHR4:13354780	SSF x Far_LoA	-8,632	-0,075	0,287
CHR4	13355046	CHR4:13355046	SSF x Far_LoA	-7,939	0,099	0,282
CHR4	1335887	CHR4:1335887	SSF x Far_LoA	-11,238	0,013	0,295
CHR4	1336134	CHR4:1336134	SSF x Far_LoA	-8,425	0,080	0,295
CHR4	13377890	CHR4:13377890	SSF x Far_LoA	-10,994	-0,107	0,280
CHR4	13377903	CHR4:13377903	SSF x Far_LoA	-10,632	-0,124	0,288
CHR4	13377973	CHR4:13377973	SSF x Far_LoA	-10,786	-0,008	0,295
CHR4	13379345	CHR4:13379345	SSF x Far_LoA	-8,996	-0,051	0,302
CHR4	13385255	CHR4:13385255	SSF x Far_LoA	-8,501	-0,038	0,286
CHR4	13385321	CHR4:13385321	SSF x Far_LoA	-9,794	0,033	0,271
CHR4	13385363	CHR4:13385363	SSF x Far_LoA	-5,945	0,222	0,282
CHR4	13398629	CHR4:13398629	SSF x Far_LoA	-8,186	-0,080	0,295
CHR4	13398665	CHR4:13398665	SSF x Far_LoA	-9,404	-0,080	0,292
CHR4	13398677	CHR4:13398677	SSF x Far_LoA	-10,757	0,037	0,280
CHR4	13398678	CHR4:13398678	SSF x Far_LoA	-11,317	0,033	0,289
CHR4	13398679	CHR4:13398679	SSF x Far_LoA	-8,184	0,038	0,287
CHR4	13398721	CHR4:13398721	SSF x Far_LoA	-10,901	0,044	0,285
CHR4	13398752	CHR4:13398752	SSF x Far_LoA	-10,753	0,062	0,290
CHR4	13403831	CHR4:13403831	SSF x Far_LoA	-9,183	0,040	0,281
CHR4	13403854	CHR4:13403854	SSF x Far_LoA	-7,720	0,077	0,273
CHR4	13406710	CHR4:13406710	SSF x Far_LoA	-4,438	-0,017	0,301
CHR4	13409212	CHR4:13409212	SSF x Far_LoA	-8,007	0,107	0,288
CHR4	13409243	CHR4:13409243	SSF x Far_LoA	-8,720	-0,020	0,290
CHR4	13409399	CHR4:13409399	SSF x Far_LoA	-10,942	-0,047	0,290
CHR4	13463716	CHR4:13463716	SSF x Far_LoA	-5,701	0,206	0,272
CHR4	13463818	CHR4:13463818	SSF x Far_LoA	-10,714	-0,018	0,295
CHR4	1346879	CHR4:1346879	SSF x Far_LoA	-9,520	-0,140	0,291
CHR4	1346920	CHR4:1346920	SSF x Far_LoA	-8,368	0,113	0,285
CHR4	1347144	CHR4:1347144	SSF x Far_LoA	-6,966	0,148	0,271
CHR4	13488618	CHR4:13488618	SSF x Far_LoA	-11,401	-0,023	0,307
CHR4	13488620	CHR4:13488620	SSF x Far_LoA	-11,210	0,064	0,292
CHR4	13524920	CHR4:13524920	SSF x Far_LoA	-7,252	-0,033	0,276
CHR4	13538725	CHR4:13538725	SSF x Far_LoA	-10,500	-0,024	0,288

CHR4	13544094	CHR4:13544094	SSF x Far_LoA	-9,865	0,004	0,283
CHR4	13544112	CHR4:13544112	SSF x Far_LoA	-7,536	0,109	0,275
CHR4	1354487	CHR4:1354487	SSF x Far_LoA	-6,961	0,156	0,278
CHR4	1354655	CHR4:1354655	SSF x Far_LoA	-7,442	-0,159	0,273
CHR4	13551038	CHR4:13551038	SSF x Far_LoA	-11,357	0,015	0,286
CHR4	13551069	CHR4:13551069	SSF x Far_LoA	-9,252	-0,038	0,300
CHR4	13552986	CHR4:13552986	SSF x Far_LoA	-11,028	0,018	0,298
CHR4	13556710	CHR4:13556710	SSF x Far_LoA	-12,023	-0,012	0,295
CHR4	13561342	CHR4:13561342	SSF x Far_LoA	-10,084	-0,001	0,285
CHR4	13561420	CHR4:13561420	SSF x Far_LoA	-8,606	0,040	0,300
CHR4	13561438	CHR4:13561438	SSF x Far_LoA	-9,058	-0,074	0,286
CHR4	13561540	CHR4:13561540	SSF x Far_LoA	-10,271	0,115	0,293
CHR4	13561561	CHR4:13561561	SSF x Far_LoA	-8,007	-0,055	0,285
CHR4	13561574	CHR4:13561574	SSF x Far_LoA	-8,050	0,101	0,291
CHR4	13565918	CHR4:13565918	SSF x Far_LoA	-10,651	0,041	0,290
CHR4	13569893	CHR4:13569893	SSF x Far_LoA	-11,230	0,020	0,290
CHR4	13574911	CHR4:13574911	SSF x Far_LoA	-8,564	0,055	0,302
CHR4	13574913	CHR4:13574913	SSF x Far_LoA	-11,227	0,065	0,291
CHR4	13583055	CHR4:13583055	SSF x Far_LoA	-6,976	-0,117	0,285
CHR4	13583081	CHR4:13583081	SSF x Far_LoA	-11,611	-0,093	0,280
CHR4	13594858	CHR4:13594858	SSF x Far_LoA	-10,296	-0,121	0,297
CHR4	13594913	CHR4:13594913	SSF x Far_LoA	-10,091	0,040	0,295
CHR4	13595031	CHR4:13595031	SSF x Far_LoA	-10,025	0,038	0,300
CHR4	13599568	CHR4:13599568	SSF x Far_LoA	-9,479	0,068	0,288
CHR4	13599657	CHR4:13599657	SSF x Far_LoA	-8,723	0,066	0,287
CHR4	1363300	CHR4:1363300	SSF x Far_LoA	-8,817	-0,016	0,283
CHR4	1363301	CHR4:1363301	SSF x Far_LoA	-10,245	0,009	0,280
CHR4	1363429	CHR4:1363429	SSF x Far_LoA	-10,624	0,016	0,301
CHR4	13635409	CHR4:13635409	SSF x Far_LoA	-11,097	0,064	0,286
CHR4	13639875	CHR4:13639875	SSF x Far_LoA	-6,903	0,085	0,303
CHR4	13639900	CHR4:13639900	SSF x Far_LoA	-9,020	-0,022	0,281
CHR4	13639993	CHR4:13639993	SSF x Far_LoA	-8,705	-0,013	0,291
CHR4	13643385	CHR4:13643385	SSF x Far_LoA	-9,715	-0,098	0,291
CHR4	13643391	CHR4:13643391	SSF x Far_LoA	-10,089	-0,104	0,289
CHR4	13643449	CHR4:13643449	SSF x Far_LoA	-10,333	0,080	0,299
CHR4	13643454	CHR4:13643454	SSF x Far_LoA	3,790	0,200	0,266
CHR4	13652379	CHR4:13652379	SSF x Far_LoA	-10,885	0,123	0,287
CHR4	13652383	CHR4:13652383	SSF x Far_LoA	11,407	0,113	0,288
CHR4	13658264	CHR4:13658264	SSF x Far_LoA	-8,482	0,159	0,278
CHR4	13658506	CHR4:13658506	SSF x Far_LoA	-10,068	-0,080	0,291
CHR4	13658537	CHR4:13658537	SSF x Far_LoA	-8,457	0,062	0,270
CHR4	13666661	CHR4:13666661	SSF x Far_LoA	-9,495	-0,026	0,285
CHR4	13666794	CHR4:13666794	SSF x Far_LoA	-9,907	-0,021	0,304
CHR4	13670723	CHR4:13670723	SSF x Far_LoA	-6,334	-0,119	0,278
CHR4	13671203	CHR4:13671203	SSF x Far_LoA	-8,856	0,144	0,288
CHR4	13671204	CHR4:13671204	SSF x Far_LoA	-7,187	0,070	0,283
CHR4	13680416	CHR4:13680416	SSF x Far_LoA	-9,270	0,094	0,299
CHR4	13681445	CHR4:13681445	SSF x Far_LoA	-5,975	0,059	0,285
CHR4	13682630	CHR4:13682630	SSF x Far_LoA	-9,382	0,078	0,288
CHR4	13682699	CHR4:13682699	SSF x Far_LoA	-5,807	0,215	0,291
CHR4	13682826	CHR4:13682826	SSF x Far_LoA	-9,858	0,065	0,280
CHR4	13685446	CHR4:13685446	SSF x Far_LoA	-10,990	-0,060	0,297
CHR4	13685529	CHR4:13685529	SSF x Far_LoA	-7,878	-0,018	0,306

CHR4	13691239	CHR4:13691239	SSF x Far_LoA	-9,512	-0,044	0,288
CHR4	13691311	CHR4:13691311	SSF x Far_LoA	-5,266	-0,166	0,280
CHR4	13691409	CHR4:13691409	SSF x Far_LoA	-8,536	-0,079	0,294
CHR4	13691560	CHR4:13691560	SSF x Far_LoA	-8,721	-0,009	0,309
CHR4	13691561	CHR4:13691561	SSF x Far_LoA	-11,759	0,010	0,280
CHR4	13697766	CHR4:13697766	SSF x Far_LoA	-9,256	0,153	0,287
CHR4	13697771	CHR4:13697771	SSF x Far_LoA	-7,744	-0,043	0,298
CHR4	13697772	CHR4:13697772	SSF x Far_LoA	-7,117	0,134	0,285
CHR4	13697781	CHR4:13697781	SSF x Far_LoA	-8,867	0,157	0,269
CHR4	13697827	CHR4:13697827	SSF x Far_LoA	-8,505	0,101	0,286
CHR4	13697970	CHR4:13697970	SSF x Far_LoA	-8,948	-0,016	0,289
CHR4	13702064	CHR4:13702064	SSF x Far_LoA	-9,935	0,112	0,279
CHR4	13702118	CHR4:13702118	SSF x Far_LoA	-8,770	-0,020	0,288
CHR4	13702119	CHR4:13702119	SSF x Far_LoA	-7,528	-0,139	0,286
CHR4	13702213	CHR4:13702213	SSF x Far_LoA	-0,608	0,305	0,269
CHR4	13702229	CHR4:13702229	SSF x Far_LoA	-9,300	-0,008	0,299
CHR4	13702259	CHR4:13702259	SSF x Far_LoA	-8,679	0,092	0,297
CHR4	13702273	CHR4:13702273	SSF x Far_LoA	5,563	0,297	0,274
CHR4	13702287	CHR4:13702287	SSF x Far_LoA	-5,098	0,176	0,304
CHR4	1370291	CHR4:1370291	SSF x Far_LoA	-10,746	0,001	0,293
CHR4	1370294	CHR4:1370294	SSF x Far_LoA	-9,167	0,130	0,290
CHR4	1370311	CHR4:1370311	SSF x Far_LoA	-9,784	-0,165	0,293
CHR4	13704078	CHR4:13704078	SSF x Far_LoA	-11,602	-0,009	0,286
CHR4	13704100	CHR4:13704100	SSF x Far_LoA	-9,277	0,005	0,302
CHR4	13704108	CHR4:13704108	SSF x Far_LoA	-11,109	-0,035	0,290
CHR4	13704783	CHR4:13704783	SSF x Far_LoA	-10,426	0,048	0,280
CHR4	13704792	CHR4:13704792	SSF x Far_LoA	-8,597	-0,059	0,303
CHR4	13704828	CHR4:13704828	SSF x Far_LoA	-8,981	0,048	0,297
CHR4	13704854	CHR4:13704854	SSF x Far_LoA	-8,582	0,108	0,279
CHR4	13704901	CHR4:13704901	SSF x Far_LoA	-10,475	-0,017	0,290
CHR4	13704909	CHR4:13704909	SSF x Far_LoA	-10,637	0,054	0,294
CHR4	13704940	CHR4:13704940	SSF x Far_LoA	-9,459	0,055	0,298
CHR4	13704963	CHR4:13704963	SSF x Far_LoA	-8,113	0,155	0,283
CHR4	13704977	CHR4:13704977	SSF x Far_LoA	-10,409	0,022	0,285
CHR4	13704992	CHR4:13704992	SSF x Far_LoA	-10,429	0,056	0,281
CHR4	13705000	CHR4:13705000	SSF x Far_LoA	-10,899	0,031	0,301
CHR4	13705003	CHR4:13705003	SSF x Far_LoA	-9,520	0,035	0,291
CHR4	13705041	CHR4:13705041	SSF x Far_LoA	-9,681	-0,084	0,297
CHR4	13709534	CHR4:13709534	SSF x Far_LoA	-9,834	-0,063	0,297
CHR4	13709537	CHR4:13709537	SSF x Far_LoA	-6,118	0,156	0,286
CHR4	13709552	CHR4:13709552	SSF x Far_LoA	-10,172	-0,025	0,292
CHR4	13709553	CHR4:13709553	SSF x Far_LoA	-7,925	0,071	0,301
CHR4	13710145	CHR4:13710145	SSF x Far_LoA	-9,758	0,138	0,293
CHR4	13710180	CHR4:13710180	SSF x Far_LoA	-9,375	0,003	0,281
CHR4	13710182	CHR4:13710182	SSF x Far_LoA	-8,823	-0,039	0,292
CHR4	13720953	CHR4:13720953	SSF x Far_LoA	-7,180	0,119	0,292
CHR4	13720982	CHR4:13720982	SSF x Far_LoA	-6,543	-0,197	0,281
CHR4	13720994	CHR4:13720994	SSF x Far_LoA	-9,090	0,049	0,295
CHR4	13721034	CHR4:13721034	SSF x Far_LoA	-7,936	-0,112	0,290
CHR4	13721056	CHR4:13721056	SSF x Far_LoA	-7,924	-0,028	0,307
CHR4	13721370	CHR4:13721370	SSF x Far_LoA	-11,340	0,034	0,276
CHR4	13736859	CHR4:13736859	SSF x Far_LoA	-11,404	0,098	0,282
CHR4	13743206	CHR4:13743206	SSF x Far_LoA	-10,512	-0,052	0,288

CHR4	13744652	CHR4:13744652	SSF x Far_LoA	-9,300	0,019	0,273
CHR4	13744673	CHR4:13744673	SSF x Far_LoA	-8,472	0,032	0,277
CHR4	13744678	CHR4:13744678	SSF x Far_LoA	-9,431	0,028	0,277
CHR4	13744684	CHR4:13744684	SSF x Far_LoA	-9,372	0,063	0,282
CHR4	13750023	CHR4:13750023	SSF x Far_LoA	-4,778	0,253	0,261
CHR4	13750039	CHR4:13750039	SSF x Far_LoA	-6,647	0,273	0,270
CHR4	13750067	CHR4:13750067	SSF x Far_LoA	-10,985	0,030	0,292
CHR4	13752388	CHR4:13752388	SSF x Far_LoA	-8,347	0,025	0,304
CHR4	13752397	CHR4:13752397	SSF x Far_LoA	-10,204	0,069	0,282
CHR4	13752420	CHR4:13752420	SSF x Far_LoA	-9,804	0,043	0,301
CHR4	13752433	CHR4:13752433	SSF x Far_LoA	-11,084	-0,037	0,271
CHR4	13754366	CHR4:13754366	SSF x Far_LoA	-9,984	-0,030	0,305
CHR4	13754437	CHR4:13754437	SSF x Far_LoA	-10,895	0,062	0,294
CHR4	13754439	CHR4:13754439	SSF x Far_LoA	-8,418	0,136	0,281
CHR4	1377292	CHR4:1377292	SSF x Far_LoA	-5,491	-0,150	0,292
CHR4	1377354	CHR4:1377354	SSF x Far_LoA	-1,199	0,188	0,268
CHR4	1377367	CHR4:1377367	SSF x Far_LoA	-10,035	0,075	0,306
CHR4	13778615	CHR4:13778615	SSF x Far_LoA	-9,462	-0,081	0,282
CHR4	13778617	CHR4:13778617	SSF x Far_LoA	-9,775	-0,032	0,289
CHR4	13778755	CHR4:13778755	SSF x Far_LoA	-9,044	-0,087	0,276
CHR4	13781168	CHR4:13781168	SSF x Far_LoA	-9,144	0,027	0,291
CHR4	13781234	CHR4:13781234	SSF x Far_LoA	-8,237	0,074	0,297
CHR4	13809813	CHR4:13809813	SSF x Far_LoA	-8,271	-0,035	0,291
CHR4	13810029	CHR4:13810029	SSF x Far_LoA	-9,930	-0,056	0,277
CHR4	13826135	CHR4:13826135	SSF x Far_LoA	-11,213	-0,068	0,281
CHR4	13831831	CHR4:13831831	SSF x Far_LoA	-0,681	-0,045	0,283
CHR4	13831838	CHR4:13831838	SSF x Far_LoA	-8,412	-0,030	0,299
CHR4	13831892	CHR4:13831892	SSF x Far_LoA	-9,925	-0,056	0,290
CHR4	13835436	CHR4:13835436	SSF x Far_LoA	-9,394	-0,019	0,310
CHR4	13835689	CHR4:13835689	SSF x Far_LoA	-6,626	-0,128	0,285
CHR4	13835692	CHR4:13835692	SSF x Far_LoA	-3,078	-0,100	0,298
CHR4	13835774	CHR4:13835774	SSF x Far_LoA	-9,855	0,036	0,283
CHR4	13835775	CHR4:13835775	SSF x Far_LoA	-8,531	0,056	0,310
CHR4	13845030	CHR4:13845030	SSF x Far_LoA	-8,932	0,018	0,292
CHR4	13845283	CHR4:13845283	SSF x Far_LoA	-8,732	-0,018	0,291
CHR4	13846541	CHR4:13846541	SSF x Far_LoA	-11,228	-0,024	0,282
CHR4	13851121	CHR4:13851121	SSF x Far_LoA	-9,610	-0,097	0,284
CHR4	13851313	CHR4:13851313	SSF x Far_LoA	-6,223	0,033	0,301
CHR4	13871821	CHR4:13871821	SSF x Far_LoA	-5,558	-0,130	0,290
CHR4	13871832	CHR4:13871832	SSF x Far_LoA	-9,725	-0,048	0,286
CHR4	13879650	CHR4:13879650	SSF x Far_LoA	-8,755	0,056	0,288
CHR4	13881987	CHR4:13881987	SSF x Far_LoA	-9,444	0,043	0,285
CHR4	13883375	CHR4:13883375	SSF x Far_LoA	-8,485	0,079	0,295
CHR4	13900900	CHR4:13900900	SSF x Far_LoA	-10,139	0,002	0,295
CHR4	13901055	CHR4:13901055	SSF x Far_LoA	-8,081	0,140	0,293
CHR4	13901112	CHR4:13901112	SSF x Far_LoA	-9,497	-0,012	0,271
CHR4	13906490	CHR4:13906490	SSF x Far_LoA	-11,919	-0,020	0,287
CHR4	13906513	CHR4:13906513	SSF x Far_LoA	-9,105	-0,050	0,294
CHR4	13906542	CHR4:13906542	SSF x Far_LoA	-10,518	-0,040	0,293
CHR4	13906550	CHR4:13906550	SSF x Far_LoA	-10,180	0,023	0,275
CHR4	13906651	CHR4:13906651	SSF x Far_LoA	-4,991	0,139	0,292
CHR4	13906656	CHR4:13906656	SSF x Far_LoA	-7,257	0,012	0,301
CHR4	13906717	CHR4:13906717	SSF x Far_LoA	-11,705	-0,007	0,296

CHR4	13906719	CHR4:13906719	SSF x Far_LoA	-10,313	0,095	0,285
CHR4	13906760	CHR4:13906760	SSF x Far_LoA	-8,989	0,021	0,306
CHR4	13906802	CHR4:13906802	SSF x Far_LoA	-10,549	-0,004	0,301
CHR4	13906832	CHR4:13906832	SSF x Far_LoA	-9,393	0,028	0,288
CHR4	13908821	CHR4:13908821	SSF x Far_LoA	-7,501	0,038	0,279
CHR4	13911730	CHR4:13911730	SSF x Far_LoA	-7,096	0,149	0,295
CHR4	13913409	CHR4:13913409	SSF x Far_LoA	-7,711	-0,023	0,296
CHR4	13913494	CHR4:13913494	SSF x Far_LoA	-9,119	-0,040	0,300
CHR4	13918809	CHR4:13918809	SSF x Far_LoA	-9,999	-0,038	0,296
CHR4	13918856	CHR4:13918856	SSF x Far_LoA	-10,751	0,086	0,289
CHR4	13940585	CHR4:13940585	SSF x Far_LoA	-5,499	0,132	0,291
CHR4	13940907	CHR4:13940907	SSF x Far_LoA	-10,515	0,054	0,301
CHR4	13962096	CHR4:13962096	SSF x Far_LoA	-10,905	0,019	0,279
CHR4	13962122	CHR4:13962122	SSF x Far_LoA	-9,240	-0,024	0,296
CHR4	13962123	CHR4:13962123	SSF x Far_LoA	-9,650	-0,060	0,295
CHR4	13962143	CHR4:13962143	SSF x Far_LoA	-9,448	-0,072	0,289
CHR4	13962184	CHR4:13962184	SSF x Far_LoA	-10,340	-0,025	0,292
CHR4	13962190	CHR4:13962190	SSF x Far_LoA	-9,298	-0,061	0,290
CHR4	13962247	CHR4:13962247	SSF x Far_LoA	-6,777	0,069	0,289
CHR4	13962282	CHR4:13962282	SSF x Far_LoA	-8,671	0,002	0,305
CHR4	13965494	CHR4:13965494	SSF x Far_LoA	-11,223	0,071	0,288
CHR4	13967771	CHR4:13967771	SSF x Far_LoA	-7,691	0,109	0,289
CHR4	13977929	CHR4:13977929	SSF x Far_LoA	-9,218	0,087	0,281
CHR4	13978023	CHR4:13978023	SSF x Far_LoA	-7,576	0,148	0,292
CHR4	13978026	CHR4:13978026	SSF x Far_LoA	-11,575	-0,021	0,291
CHR4	13978065	CHR4:13978065	SSF x Far_LoA	-10,340	0,143	0,285
CHR4	13989110	CHR4:13989110	SSF x Far_LoA	-8,152	-0,146	0,284
CHR4	13989136	CHR4:13989136	SSF x Far_LoA	-9,930	-0,122	0,293
CHR4	13989210	CHR4:13989210	SSF x Far_LoA	-10,066	-0,106	0,301
CHR4	13994628	CHR4:13994628	SSF x Far_LoA	-10,514	-0,002	0,300
CHR4	13994773	CHR4:13994773	SSF x Far_LoA	-9,327	0,060	0,292
CHR4	13994844	CHR4:13994844	SSF x Far_LoA	-10,906	0,053	0,281
CHR4	14021294	CHR4:14021294	SSF x Far_LoA	-9,619	-0,104	0,290
CHR4	14021337	CHR4:14021337	SSF x Far_LoA	-9,785	0,029	0,299
CHR4	14021376	CHR4:14021376	SSF x Far_LoA	-8,554	-0,172	0,278
CHR4	14021467	CHR4:14021467	SSF x Far_LoA	-7,632	-0,172	0,297
CHR4	14021473	CHR4:14021473	SSF x Far_LoA	-4,456	-0,068	0,304
CHR4	1407525	CHR4:1407525	SSF x Far_LoA	-9,315	0,024	0,295
CHR4	14089560	CHR4:14089560	SSF x Far_LoA	-4,742	-0,158	0,282
CHR4	14089571	CHR4:14089571	SSF x Far_LoA	-6,728	-0,081	0,295
CHR4	14089581	CHR4:14089581	SSF x Far_LoA	-4,705	-0,175	0,285
CHR4	14089595	CHR4:14089595	SSF x Far_LoA	-9,071	0,102	0,278
CHR4	14089650	CHR4:14089650	SSF x Far_LoA	-7,657	-0,121	0,290
CHR4	14094135	CHR4:14094135	SSF x Far_LoA	-10,189	-0,053	0,301
CHR4	14103389	CHR4:14103389	SSF x Far_LoA	-10,592	-0,019	0,283
CHR4	14125342	CHR4:14125342	SSF x Far_LoA	-9,586	-0,078	0,282
CHR4	14125445	CHR4:14125445	SSF x Far_LoA	-10,257	0,084	0,289
CHR4	14133218	CHR4:14133218	SSF x Far_LoA	-9,111	0,001	0,289
CHR4	14133268	CHR4:14133268	SSF x Far_LoA	-10,688	0,171	0,288
CHR4	14133489	CHR4:14133489	SSF x Far_LoA	-8,429	0,059	0,284
CHR4	14133598	CHR4:14133598	SSF x Far_LoA	-11,056	0,119	0,293
CHR4	14135363	CHR4:14135363	SSF x Far_LoA	2,223	-0,028	0,293
CHR4	14153922	CHR4:14153922	SSF x Far_LoA	-8,957	-0,031	0,303

CHR4	1415399	CHR4:1415399	SSF x Far_LoA	-10,161	0,010	0,305
CHR4	14156386	CHR4:14156386	SSF x Far_LoA	-10,941	-0,041	0,283
CHR4	14166932	CHR4:14166932	SSF x Far_LoA	-10,208	0,045	0,291
CHR4	14167149	CHR4:14167149	SSF x Far_LoA	-9,773	-0,010	0,284
CHR4	14169010	CHR4:14169010	SSF x Far_LoA	1,048	-0,165	0,295
CHR4	14169069	CHR4:14169069	SSF x Far_LoA	-10,660	-0,042	0,278
CHR4	14178298	CHR4:14178298	SSF x Far_LoA	-11,119	0,010	0,291
CHR4	14178321	CHR4:14178321	SSF x Far_LoA	-10,243	0,091	0,300
CHR4	14178431	CHR4:14178431	SSF x Far_LoA	-8,268	0,104	0,280
CHR4	14178539	CHR4:14178539	SSF x Far_LoA	-12,006	0,024	0,280
CHR4	14186158	CHR4:14186158	SSF x Far_LoA	-3,724	-0,128	0,286
CHR4	14190683	CHR4:14190683	SSF x Far_LoA	-8,042	0,006	0,293
CHR4	14190723	CHR4:14190723	SSF x Far_LoA	-10,184	-0,107	0,309
CHR4	14191009	CHR4:14191009	SSF x Far_LoA	-10,066	0,137	0,288
CHR4	14191012	CHR4:14191012	SSF x Far_LoA	-9,403	-0,008	0,293
CHR4	14191046	CHR4:14191046	SSF x Far_LoA	-11,717	0,044	0,297
CHR4	14199388	CHR4:14199388	SSF x Far_LoA	-7,126	-0,096	0,291
CHR4	14199486	CHR4:14199486	SSF x Far_LoA	-7,549	-0,154	0,299
CHR4	14216164	CHR4:14216164	SSF x Far_LoA	-11,456	-0,001	0,292
CHR4	14219697	CHR4:14219697	SSF x Far_LoA	-11,978	0,016	0,296
CHR4	14219709	CHR4:14219709	SSF x Far_LoA	-10,337	0,074	0,275
CHR4	14219747	CHR4:14219747	SSF x Far_LoA	-11,066	-0,055	0,284
CHR4	14219917	CHR4:14219917	SSF x Far_LoA	-8,802	0,050	0,289
CHR4	14219921	CHR4:14219921	SSF x Far_LoA	-7,965	0,081	0,288
CHR4	14224597	CHR4:14224597	SSF x Far_LoA	-9,912	-0,132	0,277
CHR4	14224656	CHR4:14224656	SSF x Far_LoA	-11,405	0,069	0,288
CHR4	14224685	CHR4:14224685	SSF x Far_LoA	-8,749	0,030	0,297
CHR4	14224689	CHR4:14224689	SSF x Far_LoA	-10,368	0,025	0,300
CHR4	14237265	CHR4:14237265	SSF x Far_LoA	-8,762	0,093	0,288
CHR4	14237314	CHR4:14237314	SSF x Far_LoA	-8,168	0,088	0,295
CHR4	14238820	CHR4:14238820	SSF x Far_LoA	-8,843	-0,117	0,290
CHR4	14241266	CHR4:14241266	SSF x Far_LoA	-7,361	0,139	0,283
CHR4	1425763	CHR4:1425763	SSF x Far_LoA	-7,693	0,105	0,293
CHR4	1425764	CHR4:1425764	SSF x Far_LoA	-8,602	0,077	0,276
CHR4	1425807	CHR4:1425807	SSF x Far_LoA	-11,240	-0,020	0,279
CHR4	1426160	CHR4:1426160	SSF x Far_LoA	-6,318	0,145	0,279
CHR4	14281560	CHR4:14281560	SSF x Far_LoA	-8,102	-0,080	0,304
CHR4	14281572	CHR4:14281572	SSF x Far_LoA	-9,746	0,024	0,302
CHR4	14281702	CHR4:14281702	SSF x Far_LoA	-9,156	-0,011	0,288
CHR4	14281706	CHR4:14281706	SSF x Far_LoA	-8,651	0,007	0,306
CHR4	14288198	CHR4:14288198	SSF x Far_LoA	-11,452	0,044	0,305
CHR4	14288210	CHR4:14288210	SSF x Far_LoA	-8,957	-0,028	0,285
CHR4	14293352	CHR4:14293352	SSF x Far_LoA	-9,483	-0,002	0,288
CHR4	14293354	CHR4:14293354	SSF x Far_LoA	-10,273	0,045	0,298
CHR4	14297329	CHR4:14297329	SSF x Far_LoA	-9,210	-0,096	0,294
CHR4	14297337	CHR4:14297337	SSF x Far_LoA	-10,311	0,049	0,297
CHR4	14297346	CHR4:14297346	SSF x Far_LoA	-10,116	-0,037	0,299
CHR4	14297350	CHR4:14297350	SSF x Far_LoA	-8,146	0,015	0,282
CHR4	14300246	CHR4:14300246	SSF x Far_LoA	-10,581	-0,001	0,294
CHR4	14312033	CHR4:14312033	SSF x Far_LoA	-9,243	0,106	0,287
CHR4	14312038	CHR4:14312038	SSF x Far_LoA	-9,977	0,034	0,294
CHR4	14312347	CHR4:14312347	SSF x Far_LoA	-8,394	0,076	0,289
CHR4	1432203	CHR4:1432203	SSF x Far_LoA	-7,328	0,138	0,292

CHR4	1432301	CHR4:1432301	SSF x Far_LoA	-7,723	0,111	0,287
CHR4	1432387	CHR4:1432387	SSF x Far_LoA	-6,691	-0,112	0,308
CHR4	14326725	CHR4:14326725	SSF x Far_LoA	-8,822	0,097	0,271
CHR4	14326832	CHR4:14326832	SSF x Far_LoA	-9,605	0,053	0,277
CHR4	14326864	CHR4:14326864	SSF x Far_LoA	-6,137	-0,151	0,301
CHR4	14331974	CHR4:14331974	SSF x Far_LoA	-2,031	-0,059	0,284
CHR4	14332206	CHR4:14332206	SSF x Far_LoA	-10,564	0,048	0,294
CHR4	14332295	CHR4:14332295	SSF x Far_LoA	-5,854	0,075	0,304
CHR4	14332299	CHR4:14332299	SSF x Far_LoA	-9,125	0,050	0,297
CHR4	14335846	CHR4:14335846	SSF x Far_LoA	-6,408	0,110	0,288
CHR4	14335885	CHR4:14335885	SSF x Far_LoA	-9,200	-0,015	0,269
CHR4	14335943	CHR4:14335943	SSF x Far_LoA	-6,436	-0,032	0,300
CHR4	14339679	CHR4:14339679	SSF x Far_LoA	-11,850	0,077	0,280
CHR4	14339927	CHR4:14339927	SSF x Far_LoA	-7,242	-0,150	0,291
CHR4	14359288	CHR4:14359288	SSF x Far_LoA	-10,470	0,031	0,297
CHR4	14359305	CHR4:14359305	SSF x Far_LoA	-8,512	0,026	0,296
CHR4	14359719	CHR4:14359719	SSF x Far_LoA	-9,574	0,058	0,299
CHR4	14368090	CHR4:14368090	SSF x Far_LoA	-9,136	-0,022	0,303
CHR4	14373662	CHR4:14373662	SSF x Far_LoA	-10,624	0,098	0,291
CHR4	14373731	CHR4:14373731	SSF x Far_LoA	-7,924	-0,012	0,291
CHR4	14385721	CHR4:14385721	SSF x Far_LoA	-12,075	0,045	0,285
CHR4	14385745	CHR4:14385745	SSF x Far_LoA	-9,225	0,042	0,304
CHR4	14385750	CHR4:14385750	SSF x Far_LoA	-9,566	0,040	0,292
CHR4	14385787	CHR4:14385787	SSF x Far_LoA	-9,088	0,058	0,304
CHR4	14385817	CHR4:14385817	SSF x Far_LoA	-9,666	0,064	0,287
CHR4	14402112	CHR4:14402112	SSF x Far_LoA	-9,067	-0,103	0,302
CHR4	14402133	CHR4:14402133	SSF x Far_LoA	-9,697	0,118	0,301
CHR4	14402223	CHR4:14402223	SSF x Far_LoA	-10,574	-0,019	0,286
CHR4	14402276	CHR4:14402276	SSF x Far_LoA	-9,294	-0,032	0,304
CHR4	14402336	CHR4:14402336	SSF x Far_LoA	-10,780	-0,035	0,290
CHR4	14402496	CHR4:14402496	SSF x Far_LoA	-11,416	-0,027	0,288
CHR4	14421051	CHR4:14421051	SSF x Far_LoA	-9,194	-0,108	0,293
CHR4	14421244	CHR4:14421244	SSF x Far_LoA	-6,614	-0,102	0,277
CHR4	14421284	CHR4:14421284	SSF x Far_LoA	-9,278	0,055	0,286
CHR4	14425755	CHR4:14425755	SSF x Far_LoA	-9,157	-0,043	0,295
CHR4	14425810	CHR4:14425810	SSF x Far_LoA	-11,503	0,022	0,295
CHR4	14425921	CHR4:14425921	SSF x Far_LoA	-8,120	0,065	0,297
CHR4	14432797	CHR4:14432797	SSF x Far_LoA	-5,335	0,102	0,291
CHR4	14432915	CHR4:14432915	SSF x Far_LoA	-7,640	-0,141	0,296
CHR4	14432919	CHR4:14432919	SSF x Far_LoA	-9,921	0,022	0,289
CHR4	14433772	CHR4:14433772	SSF x Far_LoA	-7,089	0,056	0,298
CHR4	14442671	CHR4:14442671	SSF x Far_LoA	-7,457	0,081	0,300
CHR4	14442678	CHR4:14442678	SSF x Far_LoA	-8,917	0,079	0,281
CHR4	14442691	CHR4:14442691	SSF x Far_LoA	-7,939	0,098	0,299
CHR4	14442695	CHR4:14442695	SSF x Far_LoA	-4,287	0,101	0,298
CHR4	14442798	CHR4:14442798	SSF x Far_LoA	-8,670	0,076	0,290
CHR4	14442841	CHR4:14442841	SSF x Far_LoA	-8,705	0,131	0,296
CHR4	14442918	CHR4:14442918	SSF x Far_LoA	-9,298	-0,001	0,293
CHR4	14442994	CHR4:14442994	SSF x Far_LoA	-8,666	0,015	0,300
CHR4	14470854	CHR4:14470854	SSF x Far_LoA	-11,790	-0,033	0,279
CHR4	14470972	CHR4:14470972	SSF x Far_LoA	-12,021	-0,022	0,282
CHR4	14488268	CHR4:14488268	SSF x Far_LoA	-9,811	-0,087	0,300
CHR4	14489435	CHR4:14489435	SSF x Far_LoA	-9,998	-0,043	0,291

CHR4	14489450	CHR4:14489450	SSF x Far_LoA	-9,083	-0,063	0,295
CHR4	14509356	CHR4:14509356	SSF x Far_LoA	-9,944	-0,148	0,286
CHR4	14509360	CHR4:14509360	SSF x Far_LoA	-7,175	-0,124	0,296
CHR4	14509411	CHR4:14509411	SSF x Far_LoA	-8,645	-0,111	0,291
CHR4	14528693	CHR4:14528693	SSF x Far_LoA	-9,058	0,088	0,298
CHR4	14528905	CHR4:14528905	SSF x Far_LoA	-12,014	-0,023	0,284
CHR4	14529018	CHR4:14529018	SSF x Far_LoA	-9,802	0,036	0,296
CHR4	14529083	CHR4:14529083	SSF x Far_LoA	-8,216	0,009	0,295
CHR4	14541077	CHR4:14541077	SSF x Far_LoA	-8,614	0,052	0,287
CHR4	14546220	CHR4:14546220	SSF x Far_LoA	-9,949	0,059	0,289
CHR4	14546294	CHR4:14546294	SSF x Far_LoA	-8,809	0,124	0,299
CHR4	14546507	CHR4:14546507	SSF x Far_LoA	-8,628	-0,150	0,291
CHR4	14546561	CHR4:14546561	SSF x Far_LoA	-4,675	0,089	0,299
CHR4	14546628	CHR4:14546628	SSF x Far_LoA	-10,719	-0,019	0,276
CHR4	14546629	CHR4:14546629	SSF x Far_LoA	-5,749	0,053	0,305
CHR4	14546635	CHR4:14546635	SSF x Far_LoA	-5,818	0,043	0,295
CHR4	14546675	CHR4:14546675	SSF x Far_LoA	-7,196	0,043	0,310
CHR4	14560899	CHR4:14560899	SSF x Far_LoA	-9,535	0,038	0,294
CHR4	14561020	CHR4:14561020	SSF x Far_LoA	-9,057	0,010	0,297
CHR4	14561042	CHR4:14561042	SSF x Far_LoA	-10,367	-0,026	0,282
CHR4	14561065	CHR4:14561065	SSF x Far_LoA	-8,474	0,049	0,299
CHR4	14564925	CHR4:14564925	SSF x Far_LoA	2,126	0,064	0,302
CHR4	14564973	CHR4:14564973	SSF x Far_LoA	-7,797	-0,051	0,301
CHR4	14564976	CHR4:14564976	SSF x Far_LoA	-5,986	-0,173	0,279
CHR4	14564997	CHR4:14564997	SSF x Far_LoA	-6,854	0,141	0,279
CHR4	14565020	CHR4:14565020	SSF x Far_LoA	-7,940	-0,120	0,305
CHR4	14565078	CHR4:14565078	SSF x Far_LoA	-10,848	0,009	0,281
CHR4	14569213	CHR4:14569213	SSF x Far_LoA	-8,706	0,020	0,302
CHR4	14569216	CHR4:14569216	SSF x Far_LoA	-10,549	0,038	0,296
CHR4	14569218	CHR4:14569218	SSF x Far_LoA	-9,503	0,010	0,301
CHR4	14569319	CHR4:14569319	SSF x Far_LoA	-11,079	0,001	0,310
CHR4	14574909	CHR4:14574909	SSF x Far_LoA	-9,204	0,027	0,261
CHR4	14574947	CHR4:14574947	SSF x Far_LoA	-10,660	0,073	0,269
CHR4	14574950	CHR4:14574950	SSF x Far_LoA	-6,719	0,047	0,292
CHR4	14593005	CHR4:14593005	SSF x Far_LoA	-9,396	0,010	0,287
CHR4	14593068	CHR4:14593068	SSF x Far_LoA	-9,382	-0,060	0,295
CHR4	14593074	CHR4:14593074	SSF x Far_LoA	-8,089	-0,016	0,285
CHR4	14613920	CHR4:14613920	SSF x Far_LoA	-9,241	-0,021	0,298
CHR4	14614010	CHR4:14614010	SSF x Far_LoA	-10,484	-0,020	0,298
CHR4	14614111	CHR4:14614111	SSF x Far_LoA	-10,030	0,002	0,277
CHR4	14614181	CHR4:14614181	SSF x Far_LoA	-1,745	0,138	0,271
CHR4	14614277	CHR4:14614277	SSF x Far_LoA	-9,485	0,086	0,295
CHR4	14625045	CHR4:14625045	SSF x Far_LoA	-6,028	0,024	0,290
CHR4	14625188	CHR4:14625188	SSF x Far_LoA	-11,249	0,050	0,284
CHR4	14629907	CHR4:14629907	SSF x Far_LoA	-9,781	0,078	0,306
CHR4	14630160	CHR4:14630160	SSF x Far_LoA	0,553	-0,108	0,298
CHR4	14630166	CHR4:14630166	SSF x Far_LoA	-11,058	-0,065	0,285
CHR4	14644848	CHR4:14644848	SSF x Far_LoA	-11,675	0,017	0,297
CHR4	14645066	CHR4:14645066	SSF x Far_LoA	-10,167	-0,053	0,294
CHR4	14645185	CHR4:14645185	SSF x Far_LoA	-10,608	-0,031	0,297
CHR4	14652994	CHR4:14652994	SSF x Far_LoA	-11,983	-0,010	0,284
CHR4	14653025	CHR4:14653025	SSF x Far_LoA	-7,287	0,194	0,279
CHR4	14653042	CHR4:14653042	SSF x Far_LoA	-8,684	0,020	0,296

CHR4	14653075	CHR4:14653075	SSF x Far_LoA	-7,550	0,131	0,281
CHR4	14660314	CHR4:14660314	SSF x Far_LoA	-10,925	-0,082	0,289
CHR4	14660318	CHR4:14660318	SSF x Far_LoA	-10,167	-0,121	0,282
CHR4	14660323	CHR4:14660323	SSF x Far_LoA	-9,384	0,075	0,280
CHR4	14660430	CHR4:14660430	SSF x Far_LoA	-10,279	0,008	0,305
CHR4	14682763	CHR4:14682763	SSF x Far_LoA	-9,019	-0,037	0,299
CHR4	14683801	CHR4:14683801	SSF x Far_LoA	-12,274	0,016	0,290
CHR4	14683894	CHR4:14683894	SSF x Far_LoA	-8,361	-0,142	0,280
CHR4	14708298	CHR4:14708298	SSF x Far_LoA	-7,769	-0,037	0,280
CHR4	14708370	CHR4:14708370	SSF x Far_LoA	-10,182	0,007	0,302
CHR4	14725049	CHR4:14725049	SSF x Far_LoA	-11,071	-0,056	0,286
CHR4	14738228	CHR4:14738228	SSF x Far_LoA	-10,086	-0,053	0,279
CHR4	14738254	CHR4:14738254	SSF x Far_LoA	-10,144	0,007	0,295
CHR4	14738313	CHR4:14738313	SSF x Far_LoA	-9,715	0,125	0,299
CHR4	14738566	CHR4:14738566	SSF x Far_LoA	-4,650	0,130	0,290
CHR4	14741698	CHR4:14741698	SSF x Far_LoA	-9,318	-0,069	0,282
CHR4	14742879	CHR4:14742879	SSF x Far_LoA	-11,945	0,003	0,292
CHR4	14745561	CHR4:14745561	SSF x Far_LoA	-11,902	0,032	0,281
CHR4	14745625	CHR4:14745625	SSF x Far_LoA	-4,478	0,130	0,281
CHR4	14748144	CHR4:14748144	SSF x Far_LoA	-10,480	-0,092	0,298
CHR4	14748162	CHR4:14748162	SSF x Far_LoA	-6,658	-0,037	0,302
CHR4	14777917	CHR4:14777917	SSF x Far_LoA	-8,746	-0,079	0,302
CHR4	14777926	CHR4:14777926	SSF x Far_LoA	-8,111	-0,106	0,303
CHR4	14777969	CHR4:14777969	SSF x Far_LoA	-8,182	-0,002	0,289
CHR4	14778029	CHR4:14778029	SSF x Far_LoA	-8,343	-0,066	0,286
CHR4	14778698	CHR4:14778698	SSF x Far_LoA	-10,936	0,007	0,275
CHR4	14778735	CHR4:14778735	SSF x Far_LoA	-6,723	-0,088	0,299
CHR4	14783380	CHR4:14783380	SSF x Far_LoA	-10,131	0,029	0,282
CHR4	14783542	CHR4:14783542	SSF x Far_LoA	-8,629	0,083	0,284
CHR4	14788805	CHR4:14788805	SSF x Far_LoA	-10,965	-0,058	0,277
CHR4	14789060	CHR4:14789060	SSF x Far_LoA	-10,998	-0,036	0,292
CHR4	14789080	CHR4:14789080	SSF x Far_LoA	-10,805	0,068	0,302
CHR4	1479136	CHR4:1479136	SSF x Far_LoA	-9,895	-0,052	0,277
CHR4	1479171	CHR4:1479171	SSF x Far_LoA	-11,054	-0,075	0,283
CHR4	1479178	CHR4:1479178	SSF x Far_LoA	-6,794	-0,058	0,292
CHR4	14810233	CHR4:14810233	SSF x Far_LoA	-8,736	-0,032	0,290
CHR4	14810237	CHR4:14810237	SSF x Far_LoA	-8,483	-0,048	0,310
CHR4	14810239	CHR4:14810239	SSF x Far_LoA	-8,080	-0,056	0,303
CHR4	14810293	CHR4:14810293	SSF x Far_LoA	-9,096	0,117	0,289
CHR4	14810314	CHR4:14810314	SSF x Far_LoA	-9,792	-0,050	0,300
CHR4	14820401	CHR4:14820401	SSF x Far_LoA	-11,303	0,021	0,302
CHR4	14820542	CHR4:14820542	SSF x Far_LoA	-10,554	-0,134	0,282
CHR4	14820572	CHR4:14820572	SSF x Far_LoA	-9,017	-0,010	0,290
CHR4	14820591	CHR4:14820591	SSF x Far_LoA	-9,025	0,041	0,291
CHR4	14830321	CHR4:14830321	SSF x Far_LoA	-9,040	-0,064	0,283
CHR4	14830517	CHR4:14830517	SSF x Far_LoA	-8,987	0,044	0,281
CHR4	14846751	CHR4:14846751	SSF x Far_LoA	-8,718	0,053	0,286
CHR4	14846854	CHR4:14846854	SSF x Far_LoA	-9,331	0,052	0,285
CHR4	14848560	CHR4:14848560	SSF x Far_LoA	-10,000	0,011	0,309
CHR4	14848584	CHR4:14848584	SSF x Far_LoA	-7,582	0,100	0,300
CHR4	14848671	CHR4:14848671	SSF x Far_LoA	-3,682	0,232	0,277
CHR4	14848679	CHR4:14848679	SSF x Far_LoA	-9,869	0,051	0,298
CHR4	14848697	CHR4:14848697	SSF x Far_LoA	-9,139	0,042	0,290

CHR4	14848740	CHR4:14848740	SSF x Far_LoA	-6,105	0,168	0,287
CHR4	14852704	CHR4:14852704	SSF x Far_LoA	-8,237	-0,126	0,278
CHR4	14852706	CHR4:14852706	SSF x Far_LoA	-8,508	0,048	0,280
CHR4	14852717	CHR4:14852717	SSF x Far_LoA	-7,609	0,072	0,276
CHR4	14852721	CHR4:14852721	SSF x Far_LoA	-7,898	-0,106	0,276
CHR4	14852754	CHR4:14852754	SSF x Far_LoA	-11,493	0,019	0,285
CHR4	14870361	CHR4:14870361	SSF x Far_LoA	-9,599	-0,011	0,299
CHR4	14870385	CHR4:14870385	SSF x Far_LoA	-10,650	-0,003	0,305
CHR4	14870416	CHR4:14870416	SSF x Far_LoA	-9,614	0,045	0,311
CHR4	14870419	CHR4:14870419	SSF x Far_LoA	-8,640	-0,058	0,293
CHR4	14870442	CHR4:14870442	SSF x Far_LoA	-10,742	0,044	0,299
CHR4	14870515	CHR4:14870515	SSF x Far_LoA	-8,290	-0,091	0,305
CHR4	14870540	CHR4:14870540	SSF x Far_LoA	-6,965	-0,091	0,295
CHR4	14870580	CHR4:14870580	SSF x Far_LoA	-9,123	0,071	0,296
CHR4	14870634	CHR4:14870634	SSF x Far_LoA	-8,900	-0,012	0,306
CHR4	14870649	CHR4:14870649	SSF x Far_LoA	-7,679	-0,048	0,317
CHR4	14891704	CHR4:14891704	SSF x Far_LoA	-9,637	-0,040	0,284
CHR4	14891781	CHR4:14891781	SSF x Far_LoA	-5,686	0,053	0,287
CHR4	14891901	CHR4:14891901	SSF x Far_LoA	-11,112	-0,043	0,298
CHR4	14893606	CHR4:14893606	SSF x Far_LoA	-10,885	0,050	0,293
CHR4	14925570	CHR4:14925570	SSF x Far_LoA	-10,196	-0,013	0,288
CHR4	14925867	CHR4:14925867	SSF x Far_LoA	-11,379	-0,097	0,297
CHR4	14925904	CHR4:14925904	SSF x Far_LoA	-8,810	0,072	0,291
CHR4	14932100	CHR4:14932100	SSF x Far_LoA	-6,040	0,190	0,281
CHR4	14932131	CHR4:14932131	SSF x Far_LoA	-9,073	0,062	0,299
CHR4	14932235	CHR4:14932235	SSF x Far_LoA	-11,010	-0,089	0,295
CHR4	14932338	CHR4:14932338	SSF x Far_LoA	-9,506	0,087	0,293
CHR4	14932364	CHR4:14932364	SSF x Far_LoA	-3,740	0,141	0,288
CHR4	14940458	CHR4:14940458	SSF x Far_LoA	-8,352	-0,080	0,284
CHR4	14940552	CHR4:14940552	SSF x Far_LoA	-9,555	0,097	0,290
CHR4	14940607	CHR4:14940607	SSF x Far_LoA	-8,117	-0,005	0,291
CHR4	14940610	CHR4:14940610	SSF x Far_LoA	-9,260	0,011	0,290
CHR4	14940721	CHR4:14940721	SSF x Far_LoA	-8,862	0,064	0,316
CHR4	14950036	CHR4:14950036	SSF x Far_LoA	-1,857	-0,203	0,271
CHR4	14950057	CHR4:14950057	SSF x Far_LoA	-10,500	0,047	0,293
CHR4	14950075	CHR4:14950075	SSF x Far_LoA	-10,454	0,038	0,293
CHR4	14952871	CHR4:14952871	SSF x Far_LoA	-9,283	0,128	0,269
CHR4	14952934	CHR4:14952934	SSF x Far_LoA	-7,797	0,115	0,298
CHR4	14952936	CHR4:14952936	SSF x Far_LoA	-7,859	-0,049	0,295
CHR4	14953103	CHR4:14953103	SSF x Far_LoA	-6,892	-0,082	0,302
CHR4	14963680	CHR4:14963680	SSF x Far_LoA	-8,041	-0,106	0,284
CHR4	14963725	CHR4:14963725	SSF x Far_LoA	-6,277	-0,108	0,290
CHR4	14963826	CHR4:14963826	SSF x Far_LoA	-9,671	-0,063	0,308
CHR4	14963831	CHR4:14963831	SSF x Far_LoA	-8,192	-0,073	0,296
CHR4	14968525	CHR4:14968525	SSF x Far_LoA	-9,751	-0,004	0,303
CHR4	14968531	CHR4:14968531	SSF x Far_LoA	-9,130	-0,060	0,305
CHR4	14994932	CHR4:14994932	SSF x Far_LoA	-11,551	-0,033	0,289
CHR4	14994967	CHR4:14994967	SSF x Far_LoA	-9,195	-0,022	0,278
CHR4	14996620	CHR4:14996620	SSF x Far_LoA	-6,427	0,176	0,285
CHR4	14996859	CHR4:14996859	SSF x Far_LoA	-9,574	0,115	0,283
CHR4	14996911	CHR4:14996911	SSF x Far_LoA	-0,265	0,200	0,271
CHR4	14996963	CHR4:14996963	SSF x Far_LoA	-4,782	0,221	0,281
CHR4	15015062	CHR4:15015062	SSF x Far_LoA	-10,057	0,032	0,296

CHR4	15015106	CHR4:15015106	SSF x Far_LoA	-10,412	-0,129	0,284
CHR4	15015497	CHR4:15015497	SSF x Far_LoA	-11,767	-0,009	0,295
CHR4	1501642	CHR4:1501642	SSF x Far_LoA	-9,565	-0,056	0,291
CHR4	1501665	CHR4:1501665	SSF x Far_LoA	-10,134	-0,004	0,301
CHR4	1501734	CHR4:1501734	SSF x Far_LoA	-8,744	-0,054	0,300
CHR4	1501748	CHR4:1501748	SSF x Far_LoA	-11,534	0,002	0,301
CHR4	1501810	CHR4:1501810	SSF x Far_LoA	-6,978	-0,075	0,300
CHR4	1501828	CHR4:1501828	SSF x Far_LoA	-11,475	0,095	0,276
CHR4	1501868	CHR4:1501868	SSF x Far_LoA	-9,645	-0,078	0,283
CHR4	15021445	CHR4:15021445	SSF x Far_LoA	-6,816	-0,165	0,269
CHR4	15021752	CHR4:15021752	SSF x Far_LoA	-10,032	0,014	0,287
CHR4	15042630	CHR4:15042630	SSF x Far_LoA	-11,398	0,023	0,294
CHR4	15042857	CHR4:15042857	SSF x Far_LoA	-11,763	-0,026	0,293
CHR4	15054719	CHR4:15054719	SSF x Far_LoA	-11,135	0,015	0,291
CHR4	15054821	CHR4:15054821	SSF x Far_LoA	-12,058	0,022	0,285
CHR4	15054851	CHR4:15054851	SSF x Far_LoA	-11,179	0,095	0,286
CHR4	15054866	CHR4:15054866	SSF x Far_LoA	-9,771	0,125	0,269
CHR4	15057487	CHR4:15057487	SSF x Far_LoA	-9,571	-0,055	0,303
CHR4	15060360	CHR4:15060360	SSF x Far_LoA	-10,634	0,005	0,291
CHR4	15060678	CHR4:15060678	SSF x Far_LoA	-9,378	0,045	0,282
CHR4	15087880	CHR4:15087880	SSF x Far_LoA	-10,097	0,105	0,297
CHR4	15087924	CHR4:15087924	SSF x Far_LoA	-10,825	0,041	0,292
CHR4	15087925	CHR4:15087925	SSF x Far_LoA	-10,759	0,024	0,297
CHR4	15087939	CHR4:15087939	SSF x Far_LoA	-6,793	0,175	0,271
CHR4	15087945	CHR4:15087945	SSF x Far_LoA	-6,365	0,106	0,297
CHR4	15088046	CHR4:15088046	SSF x Far_LoA	-10,054	-0,061	0,290
CHR4	15088103	CHR4:15088103	SSF x Far_LoA	-9,081	-0,071	0,284
CHR4	15088175	CHR4:15088175	SSF x Far_LoA	-8,572	0,010	0,296
CHR4	15094998	CHR4:15094998	SSF x Far_LoA	-9,011	0,053	0,292
CHR4	15095012	CHR4:15095012	SSF x Far_LoA	-10,311	0,045	0,297
CHR4	15095023	CHR4:15095023	SSF x Far_LoA	-8,908	0,063	0,292
CHR4	15095035	CHR4:15095035	SSF x Far_LoA	-8,983	-0,054	0,298
CHR4	15095039	CHR4:15095039	SSF x Far_LoA	-11,940	-0,031	0,291
CHR4	15095070	CHR4:15095070	SSF x Far_LoA	-9,277	0,021	0,296
CHR4	15097114	CHR4:15097114	SSF x Far_LoA	-9,012	0,023	0,301
CHR4	15097182	CHR4:15097182	SSF x Far_LoA	-10,455	0,048	0,293
CHR4	15121740	CHR4:15121740	SSF x Far_LoA	-8,584	-0,074	0,292
CHR4	15124805	CHR4:15124805	SSF x Far_LoA	-7,553	0,166	0,280
CHR4	15124841	CHR4:15124841	SSF x Far_LoA	-4,578	-0,203	0,283
CHR4	15125033	CHR4:15125033	SSF x Far_LoA	-12,328	-0,055	0,279
CHR4	15125153	CHR4:15125153	SSF x Far_LoA	-1,304	0,082	0,284
CHR4	15131123	CHR4:15131123	SSF x Far_LoA	-10,379	0,015	0,298
CHR4	15131127	CHR4:15131127	SSF x Far_LoA	-11,026	0,072	0,286
CHR4	1513214	CHR4:1513214	SSF x Far_LoA	-7,648	-0,107	0,289
CHR4	1513224	CHR4:1513224	SSF x Far_LoA	-8,004	0,100	0,280
CHR4	1513274	CHR4:1513274	SSF x Far_LoA	-10,012	-0,068	0,273
CHR4	1513375	CHR4:1513375	SSF x Far_LoA	-10,345	0,039	0,293
CHR4	1513388	CHR4:1513388	SSF x Far_LoA	-11,664	0,016	0,288
CHR4	15134108	CHR4:15134108	SSF x Far_LoA	-8,886	0,001	0,297
CHR4	15134185	CHR4:15134185	SSF x Far_LoA	-11,499	0,104	0,280
CHR4	15134186	CHR4:15134186	SSF x Far_LoA	-11,014	-0,031	0,276
CHR4	15139663	CHR4:15139663	SSF x Far_LoA	-12,107	-0,028	0,281
CHR4	15139686	CHR4:15139686	SSF x Far_LoA	-10,947	0,034	0,298

CHR4	15139950	CHR4:15139950	SSF x Far_LoA	-7,067	0,166	0,297
CHR4	15139977	CHR4:15139977	SSF x Far_LoA	-6,090	0,173	0,270
CHR4	15140031	CHR4:15140031	SSF x Far_LoA	-8,959	0,012	0,302
CHR4	15140182	CHR4:15140182	SSF x Far_LoA	-9,036	-0,039	0,264
CHR4	15151714	CHR4:15151714	SSF x Far_LoA	-10,274	0,056	0,304
CHR4	15158628	CHR4:15158628	SSF x Far_LoA	-10,820	-0,044	0,287
CHR4	15158636	CHR4:15158636	SSF x Far_LoA	-11,437	-0,035	0,280
CHR4	15158704	CHR4:15158704	SSF x Far_LoA	-9,920	0,123	0,291
CHR4	15158710	CHR4:15158710	SSF x Far_LoA	-10,930	-0,008	0,290
CHR4	15163526	CHR4:15163526	SSF x Far_LoA	-10,886	0,069	0,285
CHR4	15163533	CHR4:15163533	SSF x Far_LoA	-10,089	-0,118	0,308
CHR4	15163759	CHR4:15163759	SSF x Far_LoA	-9,458	0,065	0,300
CHR4	15163762	CHR4:15163762	SSF x Far_LoA	-9,146	0,084	0,287
CHR4	1516874	CHR4:1516874	SSF x Far_LoA	-9,626	-0,021	0,302
CHR4	1516889	CHR4:1516889	SSF x Far_LoA	-7,380	0,134	0,277
CHR4	1516893	CHR4:1516893	SSF x Far_LoA	-10,279	0,053	0,300
CHR4	1516940	CHR4:1516940	SSF x Far_LoA	-8,626	-0,102	0,285
CHR4	1516946	CHR4:1516946	SSF x Far_LoA	-7,171	-0,030	0,308
CHR4	15176105	CHR4:15176105	SSF x Far_LoA	-11,191	-0,103	0,289
CHR4	15181572	CHR4:15181572	SSF x Far_LoA	-11,176	-0,022	0,301
CHR4	15181715	CHR4:15181715	SSF x Far_LoA	-10,062	-0,005	0,282
CHR4	15181748	CHR4:15181748	SSF x Far_LoA	-9,958	-0,035	0,281
CHR4	15182037	CHR4:15182037	SSF x Far_LoA	-9,696	-0,022	0,278
CHR4	15189030	CHR4:15189030	SSF x Far_LoA	-11,540	-0,074	0,307
CHR4	15189192	CHR4:15189192	SSF x Far_LoA	-9,816	-0,027	0,280
CHR4	15189247	CHR4:15189247	SSF x Far_LoA	-10,630	-0,076	0,284
CHR4	15189337	CHR4:15189337	SSF x Far_LoA	-10,398	-0,013	0,300
CHR4	15197757	CHR4:15197757	SSF x Far_LoA	-9,429	0,095	0,297
CHR4	15197817	CHR4:15197817	SSF x Far_LoA	-7,990	0,101	0,286
CHR4	15197932	CHR4:15197932	SSF x Far_LoA	-11,452	0,057	0,293
CHR4	15197936	CHR4:15197936	SSF x Far_LoA	-8,679	-0,123	0,281
CHR4	15198100	CHR4:15198100	SSF x Far_LoA	-8,471	-0,008	0,295
CHR4	15198102	CHR4:15198102	SSF x Far_LoA	-9,540	0,013	0,296
CHR4	15203838	CHR4:15203838	SSF x Far_LoA	-7,479	-0,094	0,281
CHR4	15223742	CHR4:15223742	SSF x Far_LoA	-5,214	0,082	0,292
CHR4	15224141	CHR4:15224141	SSF x Far_LoA	-9,078	-0,103	0,285
CHR4	15229075	CHR4:15229075	SSF x Far_LoA	-7,194	0,159	0,285
CHR4	15233191	CHR4:15233191	SSF x Far_LoA	-6,426	-0,121	0,285
CHR4	15233222	CHR4:15233222	SSF x Far_LoA	-10,880	-0,002	0,289
CHR4	15239558	CHR4:15239558	SSF x Far_LoA	-11,444	-0,097	0,284
CHR4	15251558	CHR4:15251558	SSF x Far_LoA	-9,710	0,130	0,284
CHR4	15279445	CHR4:15279445	SSF x Far_LoA	-6,504	0,010	0,299
CHR4	15279698	CHR4:15279698	SSF x Far_LoA	-11,681	0,027	0,281
CHR4	15368060	CHR4:15368060	SSF x Far_LoA	-8,751	-0,002	0,299
CHR4	15368107	CHR4:15368107	SSF x Far_LoA	-8,028	-0,119	0,300
CHR4	15395417	CHR4:15395417	SSF x Far_LoA	-6,833	-0,214	0,291
CHR4	15410225	CHR4:15410225	SSF x Far_LoA	-8,972	-0,113	0,298
CHR4	15410248	CHR4:15410248	SSF x Far_LoA	-9,586	-0,098	0,305
CHR4	15410291	CHR4:15410291	SSF x Far_LoA	-8,942	0,065	0,297
CHR4	15422657	CHR4:15422657	SSF x Far_LoA	-7,816	-0,012	0,287
CHR4	15423269	CHR4:15423269	SSF x Far_LoA	-10,776	-0,093	0,297
CHR4	15428934	CHR4:15428934	SSF x Far_LoA	-8,226	0,107	0,291
CHR4	15428936	CHR4:15428936	SSF x Far_LoA	-8,921	0,025	0,289

CHR4	15428939	CHR4:15428939	SSF x Far_LoA	-6,547	-0,157	0,293
CHR4	15429039	CHR4:15429039	SSF x Far_LoA	-10,329	0,010	0,296
CHR4	15429171	CHR4:15429171	SSF x Far_LoA	-9,031	-0,080	0,299
CHR4	15444756	CHR4:15444756	SSF x Far_LoA	-12,197	0,005	0,285
CHR4	15445007	CHR4:15445007	SSF x Far_LoA	-8,102	0,104	0,294
CHR4	15447376	CHR4:15447376	SSF x Far_LoA	-8,359	-0,015	0,295
CHR4	15447431	CHR4:15447431	SSF x Far_LoA	-0,492	0,009	0,284
CHR4	15447453	CHR4:15447453	SSF x Far_LoA	-9,311	-0,033	0,293
CHR4	15447501	CHR4:15447501	SSF x Far_LoA	-5,946	-0,110	0,281
CHR4	15447729	CHR4:15447729	SSF x Far_LoA	-8,726	0,068	0,290
CHR4	15452693	CHR4:15452693	SSF x Far_LoA	-2,285	-0,146	0,297
CHR4	15452777	CHR4:15452777	SSF x Far_LoA	-11,059	0,023	0,300
CHR4	15452912	CHR4:15452912	SSF x Far_LoA	-11,696	-0,062	0,280
CHR4	15452927	CHR4:15452927	SSF x Far_LoA	-8,243	0,046	0,288
CHR4	15453032	CHR4:15453032	SSF x Far_LoA	-7,753	-0,097	0,295
CHR4	15455136	CHR4:15455136	SSF x Far_LoA	-4,597	-0,054	0,298
CHR4	15455302	CHR4:15455302	SSF x Far_LoA	-11,312	0,053	0,294
CHR4	15455318	CHR4:15455318	SSF x Far_LoA	-5,818	0,036	0,285
CHR4	15486918	CHR4:15486918	SSF x Far_LoA	-8,881	-0,079	0,281
CHR4	15487080	CHR4:15487080	SSF x Far_LoA	-7,835	-0,194	0,288
CHR4	15500320	CHR4:15500320	SSF x Far_LoA	-8,887	-0,050	0,282
CHR4	15500372	CHR4:15500372	SSF x Far_LoA	-2,130	-0,054	0,302
CHR4	15500373	CHR4:15500373	SSF x Far_LoA	-9,793	0,002	0,288
CHR4	15506903	CHR4:15506903	SSF x Far_LoA	-7,910	0,103	0,290
CHR4	15525772	CHR4:15525772	SSF x Far_LoA	-11,076	-0,022	0,280
CHR4	15525821	CHR4:15525821	SSF x Far_LoA	-11,467	0,061	0,287
CHR4	15528500	CHR4:15528500	SSF x Far_LoA	-8,800	0,005	0,286
CHR4	15528546	CHR4:15528546	SSF x Far_LoA	-6,141	-0,131	0,290
CHR4	15550834	CHR4:15550834	SSF x Far_LoA	-9,120	-0,073	0,281
CHR4	1556285	CHR4:1556285	SSF x Far_LoA	-9,663	-0,005	0,288
CHR4	1556299	CHR4:1556299	SSF x Far_LoA	-9,418	0,031	0,283
CHR4	1556316	CHR4:1556316	SSF x Far_LoA	-11,437	0,012	0,296
CHR4	1556327	CHR4:1556327	SSF x Far_LoA	-7,672	-0,130	0,298
CHR4	1556364	CHR4:1556364	SSF x Far_LoA	-10,003	0,112	0,287
CHR4	15569891	CHR4:15569891	SSF x Far_LoA	-8,690	-0,158	0,276
CHR4	15583441	CHR4:15583441	SSF x Far_LoA	-10,739	0,020	0,281
CHR4	15583467	CHR4:15583467	SSF x Far_LoA	-9,690	0,006	0,288
CHR4	15583595	CHR4:15583595	SSF x Far_LoA	-4,513	0,160	0,296
CHR4	15594345	CHR4:15594345	SSF x Far_LoA	-8,450	0,171	0,279
CHR4	15594527	CHR4:15594527	SSF x Far_LoA	-8,146	-0,059	0,297
CHR4	15594670	CHR4:15594670	SSF x Far_LoA	-4,137	0,171	0,272
CHR4	15596541	CHR4:15596541	SSF x Far_LoA	-2,617	-0,071	0,307
CHR4	15596575	CHR4:15596575	SSF x Far_LoA	-11,153	-0,029	0,304
CHR4	15596612	CHR4:15596612	SSF x Far_LoA	-9,981	-0,022	0,299
CHR4	15612702	CHR4:15612702	SSF x Far_LoA	-8,959	0,102	0,283
CHR4	1562460	CHR4:1562460	SSF x Far_LoA	-9,785	0,074	0,278
CHR4	1562468	CHR4:1562468	SSF x Far_LoA	-8,416	-0,137	0,294
CHR4	1562473	CHR4:1562473	SSF x Far_LoA	-8,239	0,091	0,302
CHR4	1562504	CHR4:1562504	SSF x Far_LoA	-9,030	0,012	0,294
CHR4	1562648	CHR4:1562648	SSF x Far_LoA	-8,802	0,098	0,272
CHR4	1562661	CHR4:1562661	SSF x Far_LoA	-8,554	0,051	0,293
CHR4	1565108	CHR4:1565108	SSF x Far_LoA	-8,848	-0,076	0,281
CHR4	15667230	CHR4:15667230	SSF x Far_LoA	-7,830	0,069	0,294

CHR4	15667249	CHR4:15667249	SSF x Far_LoA	-6,977	-0,106	0,294
CHR4	15692063	CHR4:15692063	SSF x Far_LoA	-11,875	0,000	0,281
CHR4	15693144	CHR4:15693144	SSF x Far_LoA	-5,068	0,200	0,285
CHR4	15701068	CHR4:15701068	SSF x Far_LoA	-9,777	0,072	0,296
CHR4	15701096	CHR4:15701096	SSF x Far_LoA	-8,617	0,025	0,299
CHR4	15749554	CHR4:15749554	SSF x Far_LoA	-10,247	-0,017	0,309
CHR4	15757238	CHR4:15757238	SSF x Far_LoA	0,139	0,043	0,305
CHR4	15757293	CHR4:15757293	SSF x Far_LoA	-10,483	-0,016	0,283
CHR4	15757321	CHR4:15757321	SSF x Far_LoA	-10,321	-0,016	0,289
CHR4	15766263	CHR4:15766263	SSF x Far_LoA	-7,862	0,047	0,284
CHR4	15766473	CHR4:15766473	SSF x Far_LoA	-10,866	0,043	0,297
CHR4	15766604	CHR4:15766604	SSF x Far_LoA	-10,506	0,064	0,293
CHR4	15766631	CHR4:15766631	SSF x Far_LoA	-7,628	0,027	0,283
CHR4	15766652	CHR4:15766652	SSF x Far_LoA	-9,142	0,033	0,282
CHR4	15766660	CHR4:15766660	SSF x Far_LoA	-8,774	-0,024	0,285
CHR4	15772743	CHR4:15772743	SSF x Far_LoA	-1,413	0,073	0,308
CHR4	15772880	CHR4:15772880	SSF x Far_LoA	-9,231	0,058	0,285
CHR4	15773543	CHR4:15773543	SSF x Far_LoA	-10,775	0,072	0,285
CHR4	15773548	CHR4:15773548	SSF x Far_LoA	-11,324	0,057	0,284
CHR4	15773645	CHR4:15773645	SSF x Far_LoA	-8,626	-0,009	0,291
CHR4	15777020	CHR4:15777020	SSF x Far_LoA	-9,594	0,123	0,282
CHR4	15777113	CHR4:15777113	SSF x Far_LoA	-7,559	0,151	0,282
CHR4	15785069	CHR4:15785069	SSF x Far_LoA	-6,081	0,165	0,287
CHR4	15785901	CHR4:15785901	SSF x Far_LoA	-9,982	-0,044	0,300
CHR4	15792223	CHR4:15792223	SSF x Far_LoA	-4,476	-0,069	0,289
CHR4	15792309	CHR4:15792309	SSF x Far_LoA	-6,886	-0,113	0,282
CHR4	15792371	CHR4:15792371	SSF x Far_LoA	-3,393	-0,155	0,287
CHR4	15792437	CHR4:15792437	SSF x Far_LoA	-9,855	0,124	0,288
CHR4	15792438	CHR4:15792438	SSF x Far_LoA	-9,689	0,079	0,296
CHR4	15792459	CHR4:15792459	SSF x Far_LoA	-9,459	0,118	0,281
CHR4	15804115	CHR4:15804115	SSF x Far_LoA	-9,282	-0,015	0,286
CHR4	15804135	CHR4:15804135	SSF x Far_LoA	-11,182	-0,022	0,290
CHR4	15804169	CHR4:15804169	SSF x Far_LoA	-4,596	0,080	0,291
CHR4	15804279	CHR4:15804279	SSF x Far_LoA	-9,300	-0,080	0,277
CHR4	15811434	CHR4:15811434	SSF x Far_LoA	-9,093	0,025	0,302
CHR4	15811527	CHR4:15811527	SSF x Far_LoA	-10,200	0,008	0,295
CHR4	15824663	CHR4:15824663	SSF x Far_LoA	-9,982	-0,005	0,284
CHR4	15824681	CHR4:15824681	SSF x Far_LoA	-8,686	0,055	0,282
CHR4	15834833	CHR4:15834833	SSF x Far_LoA	-8,883	-0,010	0,282
CHR4	15838983	CHR4:15838983	SSF x Far_LoA	-9,781	-0,036	0,301
CHR4	15857338	CHR4:15857338	SSF x Far_LoA	-6,594	0,202	0,269
CHR4	1586163	CHR4:1586163	SSF x Far_LoA	-9,341	-0,018	0,288
CHR4	1586168	CHR4:1586168	SSF x Far_LoA	-6,470	0,162	0,278
CHR4	1586181	CHR4:1586181	SSF x Far_LoA	-10,225	-0,020	0,283
CHR4	1586202	CHR4:1586202	SSF x Far_LoA	-9,301	-0,046	0,314
CHR4	1586213	CHR4:1586213	SSF x Far_LoA	-7,018	0,049	0,295
CHR4	1586217	CHR4:1586217	SSF x Far_LoA	-10,189	0,019	0,299
CHR4	1586259	CHR4:1586259	SSF x Far_LoA	-7,977	-0,123	0,297
CHR4	1586262	CHR4:1586262	SSF x Far_LoA	-10,000	-0,055	0,289
CHR4	15864029	CHR4:15864029	SSF x Far_LoA	-9,931	0,039	0,274
CHR4	15864040	CHR4:15864040	SSF x Far_LoA	-9,465	0,019	0,287
CHR4	15864178	CHR4:15864178	SSF x Far_LoA	-7,998	-0,072	0,298
CHR4	15866471	CHR4:15866471	SSF x Far_LoA	-8,689	-0,030	0,285

CHR4	15866539	CHR4:15866539	SSF x Far_LoA	-7,599	0,104	0,308
CHR4	15866557	CHR4:15866557	SSF x Far_LoA	-9,592	-0,007	0,301
CHR4	15867675	CHR4:15867675	SSF x Far_LoA	-7,178	0,056	0,303
CHR4	15874653	CHR4:15874653	SSF x Far_LoA	-8,041	0,061	0,307
CHR4	15874834	CHR4:15874834	SSF x Far_LoA	-9,276	0,079	0,292
CHR4	15874891	CHR4:15874891	SSF x Far_LoA	-9,099	0,054	0,298
CHR4	15898734	CHR4:15898734	SSF x Far_LoA	-9,545	0,063	0,305
CHR4	15898776	CHR4:15898776	SSF x Far_LoA	-8,131	0,007	0,296
CHR4	15898787	CHR4:15898787	SSF x Far_LoA	-7,957	-0,055	0,309
CHR4	15898825	CHR4:15898825	SSF x Far_LoA	-9,580	0,038	0,308
CHR4	15906638	CHR4:15906638	SSF x Far_LoA	-9,736	-0,162	0,294
CHR4	15906665	CHR4:15906665	SSF x Far_LoA	-8,513	0,077	0,307
CHR4	15922669	CHR4:15922669	SSF x Far_LoA	-8,141	0,007	0,303
CHR4	15922792	CHR4:15922792	SSF x Far_LoA	-8,582	0,119	0,288
CHR4	15922800	CHR4:15922800	SSF x Far_LoA	-7,993	0,008	0,306
CHR4	15923065	CHR4:15923065	SSF x Far_LoA	-6,157	0,195	0,274
CHR4	1592876	CHR4:1592876	SSF x Far_LoA	-7,793	-0,005	0,287
CHR4	15931176	CHR4:15931176	SSF x Far_LoA	-7,377	-0,139	0,285
CHR4	15931207	CHR4:15931207	SSF x Far_LoA	-6,497	-0,066	0,293
CHR4	15931234	CHR4:15931234	SSF x Far_LoA	-9,782	0,060	0,284
CHR4	15931235	CHR4:15931235	SSF x Far_LoA	-9,378	-0,005	0,286
CHR4	15931296	CHR4:15931296	SSF x Far_LoA	-7,729	-0,048	0,298
CHR4	15931326	CHR4:15931326	SSF x Far_LoA	-6,638	-0,092	0,295
CHR4	15931380	CHR4:15931380	SSF x Far_LoA	-9,052	0,015	0,302
CHR4	15931416	CHR4:15931416	SSF x Far_LoA	-8,025	0,078	0,290
CHR4	15935267	CHR4:15935267	SSF x Far_LoA	-8,709	-0,075	0,293
CHR4	15935333	CHR4:15935333	SSF x Far_LoA	-8,137	-0,097	0,300
CHR4	15935433	CHR4:15935433	SSF x Far_LoA	-10,608	-0,083	0,299
CHR4	15940740	CHR4:15940740	SSF x Far_LoA	-7,992	0,027	0,297
CHR4	15940805	CHR4:15940805	SSF x Far_LoA	-6,380	-0,060	0,287
CHR4	15940856	CHR4:15940856	SSF x Far_LoA	-9,939	-0,045	0,288
CHR4	15940910	CHR4:15940910	SSF x Far_LoA	-5,854	0,126	0,290
CHR4	15944297	CHR4:15944297	SSF x Far_LoA	-10,925	0,008	0,287
CHR4	15944469	CHR4:15944469	SSF x Far_LoA	-8,353	0,070	0,299
CHR4	15949531	CHR4:15949531	SSF x Far_LoA	-10,166	0,058	0,287
CHR4	15951474	CHR4:15951474	SSF x Far_LoA	-8,362	-0,134	0,287
CHR4	15951642	CHR4:15951642	SSF x Far_LoA	-8,093	0,023	0,264
CHR4	15951669	CHR4:15951669	SSF x Far_LoA	-11,178	0,032	0,294
CHR4	15957500	CHR4:15957500	SSF x Far_LoA	-8,480	-0,129	0,287
CHR4	15968990	CHR4:15968990	SSF x Far_LoA	-7,825	0,099	0,282
CHR4	15969038	CHR4:15969038	SSF x Far_LoA	-11,690	0,044	0,304
CHR4	15975372	CHR4:15975372	SSF x Far_LoA	-9,798	0,082	0,298
CHR4	15975451	CHR4:15975451	SSF x Far_LoA	-6,757	0,165	0,278
CHR4	15984041	CHR4:15984041	SSF x Far_LoA	-8,899	-0,077	0,294
CHR4	15984373	CHR4:15984373	SSF x Far_LoA	-9,613	0,030	0,288
CHR4	15996122	CHR4:15996122	SSF x Far_LoA	-9,306	0,006	0,298
CHR4	15997508	CHR4:15997508	SSF x Far_LoA	-7,333	0,070	0,281
CHR4	15997683	CHR4:15997683	SSF x Far_LoA	-10,162	0,045	0,283
CHR4	16006621	CHR4:16006621	SSF x Far_LoA	-5,942	-0,099	0,291
CHR4	16006642	CHR4:16006642	SSF x Far_LoA	-7,087	-0,107	0,303
CHR4	16008372	CHR4:16008372	SSF x Far_LoA	-10,542	-0,022	0,289
CHR4	16008464	CHR4:16008464	SSF x Far_LoA	-5,685	-0,143	0,284
CHR4	16008498	CHR4:16008498	SSF x Far_LoA	-8,192	-0,104	0,302

CHR4	16008515	CHR4:16008515	SSF x Far_LoA	-6,602	0,175	0,294
CHR4	16013093	CHR4:16013093	SSF x Far_LoA	-8,404	0,018	0,306
CHR4	16016154	CHR4:16016154	SSF x Far_LoA	-9,469	-0,044	0,297
CHR4	16016173	CHR4:16016173	SSF x Far_LoA	-10,042	0,049	0,305
CHR4	16036447	CHR4:16036447	SSF x Far_LoA	-11,549	-0,030	0,283
CHR4	16036452	CHR4:16036452	SSF x Far_LoA	-9,370	0,035	0,285
CHR4	16036525	CHR4:16036525	SSF x Far_LoA	-10,181	0,072	0,290
CHR4	16036612	CHR4:16036612	SSF x Far_LoA	-9,083	0,006	0,299
CHR4	16038422	CHR4:16038422	SSF x Far_LoA	-9,672	0,050	0,302
CHR4	16046744	CHR4:16046744	SSF x Far_LoA	-7,910	0,143	0,287
CHR4	16046751	CHR4:16046751	SSF x Far_LoA	-7,698	0,131	0,301
CHR4	16046755	CHR4:16046755	SSF x Far_LoA	-8,520	0,128	0,267
CHR4	16046792	CHR4:16046792	SSF x Far_LoA	-8,883	-0,090	0,282
CHR4	16046931	CHR4:16046931	SSF x Far_LoA	-10,635	0,002	0,284
CHR4	16046938	CHR4:16046938	SSF x Far_LoA	-9,265	0,027	0,291
CHR4	16046986	CHR4:16046986	SSF x Far_LoA	-8,077	0,057	0,291
CHR4	16046992	CHR4:16046992	SSF x Far_LoA	-6,803	0,026	0,301
CHR4	1604850	CHR4:1604850	SSF x Far_LoA	-11,499	0,026	0,298
CHR4	1604875	CHR4:1604875	SSF x Far_LoA	-11,087	-0,070	0,291
CHR4	16048899	CHR4:16048899	SSF x Far_LoA	-8,108	0,133	0,286
CHR4	16048922	CHR4:16048922	SSF x Far_LoA	-9,291	-0,086	0,308
CHR4	16048988	CHR4:16048988	SSF x Far_LoA	-8,489	-0,129	0,290
CHR4	16049127	CHR4:16049127	SSF x Far_LoA	-8,215	0,111	0,278
CHR4	16049240	CHR4:16049240	SSF x Far_LoA	-7,214	-0,127	0,283
CHR4	1605026	CHR4:1605026	SSF x Far_LoA	-9,923	-0,115	0,285
CHR4	1605050	CHR4:1605050	SSF x Far_LoA	-8,886	0,158	0,299
CHR4	1605058	CHR4:1605058	SSF x Far_LoA	-6,473	0,111	0,283
CHR4	16062123	CHR4:16062123	SSF x Far_LoA	-10,319	0,020	0,305
CHR4	16062316	CHR4:16062316	SSF x Far_LoA	-12,249	0,073	0,272
CHR4	16062334	CHR4:16062334	SSF x Far_LoA	-11,020	-0,026	0,277
CHR4	16063778	CHR4:16063778	SSF x Far_LoA	-8,139	0,073	0,297
CHR4	16108883	CHR4:16108883	SSF x Far_LoA	-8,071	0,089	0,295
CHR4	16108906	CHR4:16108906	SSF x Far_LoA	-8,489	0,114	0,282
CHR4	16109093	CHR4:16109093	SSF x Far_LoA	-10,023	0,114	0,284
CHR4	16124797	CHR4:16124797	SSF x Far_LoA	-8,905	-0,024	0,290
CHR4	16125031	CHR4:16125031	SSF x Far_LoA	-7,207	-0,009	0,302
CHR4	16126391	CHR4:16126391	SSF x Far_LoA	-9,409	0,044	0,296
CHR4	16126426	CHR4:16126426	SSF x Far_LoA	-8,832	-0,049	0,292
CHR4	16126469	CHR4:16126469	SSF x Far_LoA	-8,856	0,003	0,300
CHR4	16126473	CHR4:16126473	SSF x Far_LoA	-8,615	0,090	0,302
CHR4	16139376	CHR4:16139376	SSF x Far_LoA	-11,181	0,052	0,289
CHR4	16139377	CHR4:16139377	SSF x Far_LoA	-10,110	0,067	0,292
CHR4	16139382	CHR4:16139382	SSF x Far_LoA	-8,844	0,103	0,283
CHR4	16139439	CHR4:16139439	SSF x Far_LoA	-10,485	0,050	0,287
CHR4	16142491	CHR4:16142491	SSF x Far_LoA	-8,528	-0,061	0,294
CHR4	16142760	CHR4:16142760	SSF x Far_LoA	-11,897	0,055	0,290
CHR4	1614378	CHR4:1614378	SSF x Far_LoA	-9,605	-0,004	0,292
CHR4	1614420	CHR4:1614420	SSF x Far_LoA	-9,429	0,043	0,289
CHR4	1614469	CHR4:1614469	SSF x Far_LoA	-7,844	-0,106	0,305
CHR4	16147653	CHR4:16147653	SSF x Far_LoA	-9,096	0,028	0,284
CHR4	16147655	CHR4:16147655	SSF x Far_LoA	-7,590	0,067	0,298
CHR4	16149357	CHR4:16149357	SSF x Far_LoA	-9,951	-0,037	0,299
CHR4	16158019	CHR4:16158019	SSF x Far_LoA	-6,634	-0,093	0,300

CHR4	16158060	CHR4:16158060	SSF x Far_LoA	-9,044	-0,083	0,301
CHR4	16163145	CHR4:16163145	SSF x Far_LoA	-10,559	0,014	0,301
CHR4	16163269	CHR4:16163269	SSF x Far_LoA	-11,195	0,026	0,306
CHR4	1625874	CHR4:1625874	SSF x Far_LoA	-11,376	-0,037	0,291
CHR4	1625876	CHR4:1625876	SSF x Far_LoA	-11,216	0,029	0,297
CHR4	16262089	CHR4:16262089	SSF x Far_LoA	-8,659	0,051	0,290
CHR4	16262181	CHR4:16262181	SSF x Far_LoA	-7,903	-0,078	0,295
CHR4	16262217	CHR4:16262217	SSF x Far_LoA	-7,622	0,024	0,308
CHR4	16271102	CHR4:16271102	SSF x Far_LoA	-8,447	-0,101	0,286
CHR4	16271136	CHR4:16271136	SSF x Far_LoA	-8,855	-0,046	0,293
CHR4	16271166	CHR4:16271166	SSF x Far_LoA	-10,068	-0,019	0,290
CHR4	16271194	CHR4:16271194	SSF x Far_LoA	-9,190	0,007	0,293
CHR4	16282721	CHR4:16282721	SSF x Far_LoA	-8,748	-0,040	0,263
CHR4	16282738	CHR4:16282738	SSF x Far_LoA	-9,546	-0,016	0,287
CHR4	16282761	CHR4:16282761	SSF x Far_LoA	-7,512	0,008	0,292
CHR4	16287966	CHR4:16287966	SSF x Far_LoA	-7,635	0,094	0,292
CHR4	16288187	CHR4:16288187	SSF x Far_LoA	-7,448	0,098	0,300
CHR4	16288189	CHR4:16288189	SSF x Far_LoA	-6,803	0,010	0,290
CHR4	16288270	CHR4:16288270	SSF x Far_LoA	-8,975	-0,037	0,297
CHR4	16290397	CHR4:16290397	SSF x Far_LoA	-11,067	0,041	0,293
CHR4	16304648	CHR4:16304648	SSF x Far_LoA	-9,652	-0,052	0,307
CHR4	16305873	CHR4:16305873	SSF x Far_LoA	-7,717	0,049	0,288
CHR4	16305898	CHR4:16305898	SSF x Far_LoA	-9,792	0,059	0,307
CHR4	16308506	CHR4:16308506	SSF x Far_LoA	-8,734	-0,017	0,294
CHR4	16308507	CHR4:16308507	SSF x Far_LoA	-8,410	-0,014	0,296
CHR4	16308540	CHR4:16308540	SSF x Far_LoA	-7,793	-0,112	0,303
CHR4	16308618	CHR4:16308618	SSF x Far_LoA	-6,455	0,139	0,294
CHR4	16308649	CHR4:16308649	SSF x Far_LoA	-8,126	-0,085	0,284
CHR4	16318764	CHR4:16318764	SSF x Far_LoA	-9,691	0,091	0,295
CHR4	16320502	CHR4:16320502	SSF x Far_LoA	-6,137	0,006	0,287
CHR4	16320538	CHR4:16320538	SSF x Far_LoA	-8,834	-0,125	0,280
CHR4	16320661	CHR4:16320661	SSF x Far_LoA	-9,305	-0,044	0,280
CHR4	16338670	CHR4:16338670	SSF x Far_LoA	-8,784	0,002	0,292
CHR4	16338744	CHR4:16338744	SSF x Far_LoA	-10,682	0,015	0,294
CHR4	16339206	CHR4:16339206	SSF x Far_LoA	-10,490	-0,013	0,290
CHR4	16344964	CHR4:16344964	SSF x Far_LoA	-11,108	0,092	0,291
CHR4	16351850	CHR4:16351850	SSF x Far_LoA	-10,630	0,017	0,297
CHR4	16356115	CHR4:16356115	SSF x Far_LoA	-6,740	0,060	0,280
CHR4	16356136	CHR4:16356136	SSF x Far_LoA	-10,224	0,026	0,285
CHR4	1635759	CHR4:1635759	SSF x Far_LoA	-9,925	0,084	0,287
CHR4	1635856	CHR4:1635856	SSF x Far_LoA	-8,315	0,012	0,284
CHR4	16362028	CHR4:16362028	SSF x Far_LoA	-10,020	-0,001	0,282
CHR4	16362061	CHR4:16362061	SSF x Far_LoA	-6,750	-0,031	0,290
CHR4	16421798	CHR4:16421798	SSF x Far_LoA	-11,811	-0,053	0,286
CHR4	16431500	CHR4:16431500	SSF x Far_LoA	-11,074	-0,074	0,301
CHR4	16431641	CHR4:16431641	SSF x Far_LoA	-7,686	0,081	0,293
CHR4	16431646	CHR4:16431646	SSF x Far_LoA	-8,065	-0,043	0,295
CHR4	16440141	CHR4:16440141	SSF x Far_LoA	-11,479	-0,048	0,290
CHR4	16440152	CHR4:16440152	SSF x Far_LoA	-12,499	0,060	0,284
CHR4	16440221	CHR4:16440221	SSF x Far_LoA	-9,397	0,115	0,289
CHR4	16445902	CHR4:16445902	SSF x Far_LoA	-9,120	0,066	0,304
CHR4	16446037	CHR4:16446037	SSF x Far_LoA	-5,715	-0,082	0,277
CHR4	16446051	CHR4:16446051	SSF x Far_LoA	-10,452	-0,045	0,300

CHR4	16454291	CHR4:16454291	SSF x Far_LoA	-8,270	0,114	0,286
CHR4	16454585	CHR4:16454585	SSF x Far_LoA	-9,185	0,023	0,298
CHR4	16458268	CHR4:16458268	SSF x Far_LoA	-6,826	0,165	0,289
CHR4	16458333	CHR4:16458333	SSF x Far_LoA	-8,993	-0,074	0,290
CHR4	1647105	CHR4:1647105	SSF x Far_LoA	-8,706	0,013	0,278
CHR4	16478095	CHR4:16478095	SSF x Far_LoA	-9,488	-0,067	0,297
CHR4	16478099	CHR4:16478099	SSF x Far_LoA	3,616	-0,080	0,295
CHR4	16478185	CHR4:16478185	SSF x Far_LoA	-9,303	-0,120	0,285
CHR4	16478240	CHR4:16478240	SSF x Far_LoA	-3,616	-0,163	0,286
CHR4	1649846	CHR4:1649846	SSF x Far_LoA	-7,799	0,092	0,301
CHR4	1649861	CHR4:1649861	SSF x Far_LoA	-10,848	-0,071	0,293
CHR4	1649926	CHR4:1649926	SSF x Far_LoA	-11,540	-0,032	0,290
CHR4	1649931	CHR4:1649931	SSF x Far_LoA	-10,816	-0,024	0,284
CHR4	1649952	CHR4:1649952	SSF x Far_LoA	-9,682	0,023	0,290
CHR4	16515345	CHR4:16515345	SSF x Far_LoA	-11,340	0,028	0,284
CHR4	16522166	CHR4:16522166	SSF x Far_LoA	-4,256	-0,102	0,287
CHR4	16524537	CHR4:16524537	SSF x Far_LoA	-10,923	0,036	0,281
CHR4	16524639	CHR4:16524639	SSF x Far_LoA	-7,013	-0,066	0,265
CHR4	16524642	CHR4:16524642	SSF x Far_LoA	-11,188	0,014	0,303
CHR4	16524648	CHR4:16524648	SSF x Far_LoA	-1,521	-0,098	0,301
CHR4	16524764	CHR4:16524764	SSF x Far_LoA	-7,374	-0,001	0,278
CHR4	16524775	CHR4:16524775	SSF x Far_LoA	-8,202	0,116	0,284
CHR4	16524782	CHR4:16524782	SSF x Far_LoA	-7,971	0,099	0,291
CHR4	1652912	CHR4:1652912	SSF x Far_LoA	-7,717	0,170	0,279
CHR4	1653121	CHR4:1653121	SSF x Far_LoA	-7,903	0,015	0,297
CHR4	16531287	CHR4:16531287	SSF x Far_LoA	-8,410	0,111	0,304
CHR4	1653133	CHR4:1653133	SSF x Far_LoA	-11,194	0,046	0,289
CHR4	16531439	CHR4:16531439	SSF x Far_LoA	-8,843	-0,135	0,295
CHR4	1653145	CHR4:1653145	SSF x Far_LoA	-8,890	-0,130	0,290
CHR4	16538847	CHR4:16538847	SSF x Far_LoA	-10,378	-0,020	0,292
CHR4	16538967	CHR4:16538967	SSF x Far_LoA	-7,920	-0,116	0,272
CHR4	16538985	CHR4:16538985	SSF x Far_LoA	-10,674	-0,052	0,274
CHR4	16554818	CHR4:16554818	SSF x Far_LoA	-7,041	-0,080	0,290
CHR4	16554823	CHR4:16554823	SSF x Far_LoA	-4,237	-0,131	0,284
CHR4	16614768	CHR4:16614768	SSF x Far_LoA	-8,726	0,012	0,292
CHR4	16624177	CHR4:16624177	SSF x Far_LoA	-9,996	-0,074	0,288
CHR4	16634566	CHR4:16634566	SSF x Far_LoA	-9,754	-0,017	0,288
CHR4	16638313	CHR4:16638313	SSF x Far_LoA	-8,038	0,039	0,300
CHR4	16642198	CHR4:16642198	SSF x Far_LoA	-10,771	0,017	0,294
CHR4	16655673	CHR4:16655673	SSF x Far_LoA	-8,316	0,142	0,285
CHR4	16659939	CHR4:16659939	SSF x Far_LoA	-2,296	0,058	0,303
CHR4	16659952	CHR4:16659952	SSF x Far_LoA	-7,585	0,086	0,286
CHR4	16660028	CHR4:16660028	SSF x Far_LoA	-6,211	0,154	0,298
CHR4	16663734	CHR4:16663734	SSF x Far_LoA	-8,780	-0,112	0,298
CHR4	16663778	CHR4:16663778	SSF x Far_LoA	-9,731	-0,056	0,272
CHR4	16682884	CHR4:16682884	SSF x Far_LoA	-7,752	0,143	0,289
CHR4	16692782	CHR4:16692782	SSF x Far_LoA	-9,308	0,078	0,292
CHR4	16692846	CHR4:16692846	SSF x Far_LoA	-8,877	-0,115	0,302
CHR4	16695319	CHR4:16695319	SSF x Far_LoA	-8,427	0,053	0,289
CHR4	16711621	CHR4:16711621	SSF x Far_LoA	-9,153	-0,103	0,275
CHR4	16711722	CHR4:16711722	SSF x Far_LoA	-10,427	0,039	0,293
CHR4	16711748	CHR4:16711748	SSF x Far_LoA	-3,843	0,037	0,301
CHR4	16720181	CHR4:16720181	SSF x Far_LoA	-8,127	0,139	0,280

CHR4	16720433	CHR4:16720433	SSF x Far_LoA	-11,670	-0,028	0,295
CHR4	16747652	CHR4:16747652	SSF x Far_LoA	-4,881	0,073	0,254
CHR4	16747671	CHR4:16747671	SSF x Far_LoA	-11,240	-0,013	0,283
CHR4	16747755	CHR4:16747755	SSF x Far_LoA	-9,548	-0,053	0,289
CHR4	16747764	CHR4:16747764	SSF x Far_LoA	-10,557	-0,020	0,292
CHR4	1677179	CHR4:1677179	SSF x Far_LoA	-5,903	0,089	0,289
CHR4	1677241	CHR4:1677241	SSF x Far_LoA	-7,099	0,022	0,294
CHR4	1677276	CHR4:1677276	SSF x Far_LoA	-10,086	-0,113	0,282
CHR4	1677305	CHR4:1677305	SSF x Far_LoA	-9,631	0,102	0,293
CHR4	1677309	CHR4:1677309	SSF x Far_LoA	-7,101	0,145	0,296
CHR4	1677438	CHR4:1677438	SSF x Far_LoA	-10,136	-0,072	0,294
CHR4	1677472	CHR4:1677472	SSF x Far_LoA	-9,528	0,058	0,292
CHR4	1677474	CHR4:1677474	SSF x Far_LoA	-8,107	0,031	0,304
CHR4	1677485	CHR4:1677485	SSF x Far_LoA	-9,378	-0,016	0,284
CHR4	1677487	CHR4:1677487	SSF x Far_LoA	-5,915	-0,011	0,290
CHR4	16777096	CHR4:16777096	SSF x Far_LoA	-8,954	-0,051	0,293
CHR4	16777116	CHR4:16777116	SSF x Far_LoA	-11,410	-0,058	0,275
CHR4	16777175	CHR4:16777175	SSF x Far_LoA	-10,692	-0,064	0,293
CHR4	16777244	CHR4:16777244	SSF x Far_LoA	-10,007	-0,037	0,280
CHR4	16777280	CHR4:16777280	SSF x Far_LoA	-5,792	-0,050	0,293
CHR4	16777299	CHR4:16777299	SSF x Far_LoA	-10,275	0,100	0,295
CHR4	16777310	CHR4:16777310	SSF x Far_LoA	-9,889	0,050	0,278
CHR4	16781975	CHR4:16781975	SSF x Far_LoA	-9,137	-0,036	0,305
CHR4	16782150	CHR4:16782150	SSF x Far_LoA	-8,990	0,008	0,295
CHR4	16790177	CHR4:16790177	SSF x Far_LoA	-8,679	0,114	0,297
CHR4	16790212	CHR4:16790212	SSF x Far_LoA	-8,052	0,149	0,294
CHR4	16790241	CHR4:16790241	SSF x Far_LoA	-8,477	0,108	0,293
CHR4	16790441	CHR4:16790441	SSF x Far_LoA	-9,983	0,021	0,299
CHR4	16790463	CHR4:16790463	SSF x Far_LoA	-8,664	-0,006	0,304
CHR4	16792979	CHR4:16792979	SSF x Far_LoA	4,737	-0,101	0,296
CHR4	16792996	CHR4:16792996	SSF x Far_LoA	-6,226	0,181	0,297
CHR4	16793005	CHR4:16793005	SSF x Far_LoA	-10,579	-0,035	0,293
CHR4	16793010	CHR4:16793010	SSF x Far_LoA	-7,926	-0,138	0,286
CHR4	16793084	CHR4:16793084	SSF x Far_LoA	-9,987	-0,004	0,289
CHR4	16793088	CHR4:16793088	SSF x Far_LoA	-8,044	0,063	0,287
CHR4	16794381	CHR4:16794381	SSF x Far_LoA	-9,131	0,013	0,300
CHR4	16794501	CHR4:16794501	SSF x Far_LoA	-6,153	-0,011	0,287
CHR4	16794502	CHR4:16794502	SSF x Far_LoA	-8,801	-0,097	0,288
CHR4	16794503	CHR4:16794503	SSF x Far_LoA	-10,104	-0,099	0,282
CHR4	16794540	CHR4:16794540	SSF x Far_LoA	-6,152	0,133	0,297
CHR4	16797560	CHR4:16797560	SSF x Far_LoA	-9,210	-0,014	0,305
CHR4	16797729	CHR4:16797729	SSF x Far_LoA	-10,186	-0,013	0,310
CHR4	16797763	CHR4:16797763	SSF x Far_LoA	-10,431	-0,065	0,294
CHR4	16810703	CHR4:16810703	SSF x Far_LoA	-8,965	-0,134	0,272
CHR4	16810772	CHR4:16810772	SSF x Far_LoA	-8,856	0,046	0,296
CHR4	16811004	CHR4:16811004	SSF x Far_LoA	-8,580	-0,031	0,303
CHR4	16811057	CHR4:16811057	SSF x Far_LoA	-3,423	0,049	0,294
CHR4	16811103	CHR4:16811103	SSF x Far_LoA	-8,781	0,058	0,292
CHR4	16834860	CHR4:16834860	SSF x Far_LoA	-11,229	0,133	0,279
CHR4	16834903	CHR4:16834903	SSF x Far_LoA	-8,638	-0,047	0,301
CHR4	16862987	CHR4:16862987	SSF x Far_LoA	-8,147	-0,005	0,296
CHR4	16863023	CHR4:16863023	SSF x Far_LoA	-9,380	-0,074	0,293
CHR4	16863031	CHR4:16863031	SSF x Far_LoA	-3,715	-0,096	0,291

CHR4	16863049	CHR4:16863049	SSF x Far_LoA	-9,987	-0,106	0,272
CHR4	16863361	CHR4:16863361	SSF x Far_LoA	-9,936	0,070	0,295
CHR4	1686706	CHR4:1686706	SSF x Far_LoA	-8,566	0,053	0,302
CHR4	1686740	CHR4:1686740	SSF x Far_LoA	-8,445	-0,014	0,302
CHR4	1686793	CHR4:1686793	SSF x Far_LoA	-9,211	0,038	0,286
CHR4	1686839	CHR4:1686839	SSF x Far_LoA	-11,141	-0,001	0,291
CHR4	1687012	CHR4:1687012	SSF x Far_LoA	-12,138	0,013	0,296
CHR4	16871748	CHR4:16871748	SSF x Far_LoA	-9,394	0,034	0,305
CHR4	16871797	CHR4:16871797	SSF x Far_LoA	-8,925	-0,075	0,277
CHR4	16871984	CHR4:16871984	SSF x Far_LoA	-10,956	0,010	0,307
CHR4	16873565	CHR4:16873565	SSF x Far_LoA	-8,427	-0,083	0,289
CHR4	16873618	CHR4:16873618	SSF x Far_LoA	-9,945	0,058	0,286
CHR4	16873664	CHR4:16873664	SSF x Far_LoA	-8,099	0,074	0,283
CHR4	16875238	CHR4:16875238	SSF x Far_LoA	-9,157	0,034	0,298
CHR4	16875245	CHR4:16875245	SSF x Far_LoA	-10,771	-0,005	0,298
CHR4	16875476	CHR4:16875476	SSF x Far_LoA	-10,148	0,135	0,292
CHR4	16875654	CHR4:16875654	SSF x Far_LoA	-8,043	0,006	0,311
CHR4	16875686	CHR4:16875686	SSF x Far_LoA	-7,250	-0,084	0,294
CHR4	16888004	CHR4:16888004	SSF x Far_LoA	-9,454	-0,117	0,295
CHR4	16902855	CHR4:16902855	SSF x Far_LoA	-10,412	0,073	0,297
CHR4	16903483	CHR4:16903483	SSF x Far_LoA	-10,372	-0,045	0,273
CHR4	16928269	CHR4:16928269	SSF x Far_LoA	-10,179	0,010	0,288
CHR4	16928320	CHR4:16928320	SSF x Far_LoA	-10,780	0,008	0,286
CHR4	16928562	CHR4:16928562	SSF x Far_LoA	-10,482	0,084	0,282
CHR4	16928563	CHR4:16928563	SSF x Far_LoA	-8,576	0,052	0,285
CHR4	16964299	CHR4:16964299	SSF x Far_LoA	-8,327	0,023	0,290
CHR4	16964302	CHR4:16964302	SSF x Far_LoA	-10,501	0,031	0,318
CHR4	16964433	CHR4:16964433	SSF x Far_LoA	-9,104	-0,172	0,291
CHR4	16970446	CHR4:16970446	SSF x Far_LoA	-8,327	0,090	0,278
CHR4	1697114	CHR4:1697114	SSF x Far_LoA	-4,663	-0,172	0,268
CHR4	1697127	CHR4:1697127	SSF x Far_LoA	-9,044	0,023	0,298
CHR4	16974748	CHR4:16974748	SSF x Far_LoA	-12,245	0,008	0,283
CHR4	1698039	CHR4:1698039	SSF x Far_LoA	-7,395	-0,074	0,303
CHR4	1698040	CHR4:1698040	SSF x Far_LoA	-4,086	-0,093	0,311
CHR4	16989144	CHR4:16989144	SSF x Far_LoA	-10,637	0,010	0,300
CHR4	16989146	CHR4:16989146	SSF x Far_LoA	-11,845	-0,008	0,286
CHR4	16989205	CHR4:16989205	SSF x Far_LoA	-9,598	0,012	0,299
CHR4	16991620	CHR4:16991620	SSF x Far_LoA	-9,729	0,030	0,302
CHR4	17004578	CHR4:17004578	SSF x Far_LoA	-7,489	-0,088	0,305
CHR4	17008053	CHR4:17008053	SSF x Far_LoA	-8,602	-0,001	0,299
CHR4	17008056	CHR4:17008056	SSF x Far_LoA	-11,460	-0,012	0,294
CHR4	17008149	CHR4:17008149	SSF x Far_LoA	-7,761	-0,095	0,291
CHR4	17008348	CHR4:17008348	SSF x Far_LoA	-9,379	0,084	0,282
CHR4	1700935	CHR4:1700935	SSF x Far_LoA	-10,323	0,031	0,305
CHR4	17030186	CHR4:17030186	SSF x Far_LoA	-11,162	-0,001	0,285
CHR4	17030212	CHR4:17030212	SSF x Far_LoA	-11,327	0,014	0,285
CHR4	17030258	CHR4:17030258	SSF x Far_LoA	-8,645	0,166	0,273
CHR4	17030259	CHR4:17030259	SSF x Far_LoA	-7,984	-0,186	0,297
CHR4	17030294	CHR4:17030294	SSF x Far_LoA	-5,906	0,203	0,276
CHR4	17030338	CHR4:17030338	SSF x Far_LoA	-8,802	-0,065	0,283
CHR4	17037082	CHR4:17037082	SSF x Far_LoA	-10,140	0,039	0,301
CHR4	1704620	CHR4:1704620	SSF x Far_LoA	-7,284	0,073	0,295
CHR4	1705777	CHR4:1705777	SSF x Far_LoA	-8,530	-0,035	0,293

CHR4	1705781	CHR4:1705781	SSF x Far_LoA	-9,378	0,022	0,302
CHR4	1705832	CHR4:1705832	SSF x Far_LoA	-3,554	-0,185	0,289
CHR4	17101915	CHR4:17101915	SSF x Far_LoA	-10,586	-0,067	0,298
CHR4	17112311	CHR4:17112311	SSF x Far_LoA	-11,763	-0,046	0,284
CHR4	17112367	CHR4:17112367	SSF x Far_LoA	-10,891	0,044	0,287
CHR4	17112448	CHR4:17112448	SSF x Far_LoA	-11,861	0,001	0,292
CHR4	17112712	CHR4:17112712	SSF x Far_LoA	-8,376	-0,096	0,293
CHR4	17112720	CHR4:17112720	SSF x Far_LoA	-8,107	-0,110	0,300
CHR4	17112733	CHR4:17112733	SSF x Far_LoA	-8,722	0,018	0,274
CHR4	17115597	CHR4:17115597	SSF x Far_LoA	-10,388	-0,071	0,292
CHR4	17115610	CHR4:17115610	SSF x Far_LoA	-9,728	0,007	0,306
CHR4	17115642	CHR4:17115642	SSF x Far_LoA	-9,314	-0,019	0,281
CHR4	17115753	CHR4:17115753	SSF x Far_LoA	-6,910	-0,118	0,286
CHR4	17116328	CHR4:17116328	SSF x Far_LoA	-9,163	0,051	0,292
CHR4	17124880	CHR4:17124880	SSF x Far_LoA	-11,119	-0,026	0,282
CHR4	17124918	CHR4:17124918	SSF x Far_LoA	-8,628	-0,047	0,295
CHR4	17125016	CHR4:17125016	SSF x Far_LoA	-10,582	-0,091	0,311
CHR4	17125244	CHR4:17125244	SSF x Far_LoA	-7,181	0,136	0,295
CHR4	17127141	CHR4:17127141	SSF x Far_LoA	-11,414	0,032	0,288
CHR4	17127154	CHR4:17127154	SSF x Far_LoA	-10,255	-0,044	0,296
CHR4	17127220	CHR4:17127220	SSF x Far_LoA	-8,743	0,070	0,278
CHR4	17127221	CHR4:17127221	SSF x Far_LoA	-4,265	0,035	0,289
CHR4	17127250	CHR4:17127250	SSF x Far_LoA	-6,723	0,123	0,279
CHR4	17130323	CHR4:17130323	SSF x Far_LoA	-10,926	-0,011	0,289
CHR4	17146855	CHR4:17146855	SSF x Far_LoA	-9,962	-0,008	0,289
CHR4	17155919	CHR4:17155919	SSF x Far_LoA	-2,700	-0,058	0,294
CHR4	17155979	CHR4:17155979	SSF x Far_LoA	-9,006	0,079	0,300
CHR4	17156051	CHR4:17156051	SSF x Far_LoA	-8,237	0,029	0,301
CHR4	17156069	CHR4:17156069	SSF x Far_LoA	-9,447	0,007	0,284
CHR4	17156117	CHR4:17156117	SSF x Far_LoA	-5,072	-0,161	0,288
CHR4	17156206	CHR4:17156206	SSF x Far_LoA	-11,475	-0,035	0,286
CHR4	17168864	CHR4:17168864	SSF x Far_LoA	-7,950	0,060	0,304
CHR4	17168934	CHR4:17168934	SSF x Far_LoA	-9,192	0,068	0,291
CHR4	17168945	CHR4:17168945	SSF x Far_LoA	-7,382	-0,100	0,280
CHR4	17169035	CHR4:17169035	SSF x Far_LoA	-5,005	0,185	0,277
CHR4	17169050	CHR4:17169050	SSF x Far_LoA	-7,638	0,121	0,270
CHR4	17190261	CHR4:17190261	SSF x Far_LoA	-9,170	0,074	0,283
CHR4	17228562	CHR4:17228562	SSF x Far_LoA	-8,942	-0,034	0,291
CHR4	17228608	CHR4:17228608	SSF x Far_LoA	-11,501	-0,055	0,292
CHR4	17228675	CHR4:17228675	SSF x Far_LoA	-9,649	-0,112	0,282
CHR4	17228731	CHR4:17228731	SSF x Far_LoA	-7,136	0,200	0,287
CHR4	17228752	CHR4:17228752	SSF x Far_LoA	-4,695	-0,068	0,285
CHR4	17246431	CHR4:17246431	SSF x Far_LoA	-9,758	0,011	0,290
CHR4	17268035	CHR4:17268035	SSF x Far_LoA	-9,108	-0,070	0,285
CHR4	17268070	CHR4:17268070	SSF x Far_LoA	-11,178	0,049	0,279
CHR4	17268152	CHR4:17268152	SSF x Far_LoA	-5,748	0,213	0,283
CHR4	17268178	CHR4:17268178	SSF x Far_LoA	-9,841	0,056	0,286
CHR4	17268223	CHR4:17268223	SSF x Far_LoA	-8,681	-0,112	0,277
CHR4	17268289	CHR4:17268289	SSF x Far_LoA	-7,116	0,053	0,296
CHR4	17268298	CHR4:17268298	SSF x Far_LoA	-8,578	0,029	0,302
CHR4	17271684	CHR4:17271684	SSF x Far_LoA	-9,805	0,029	0,307
CHR4	17271923	CHR4:17271923	SSF x Far_LoA	-9,346	-0,011	0,283
CHR4	17271990	CHR4:17271990	SSF x Far_LoA	-9,058	0,095	0,265

CHR4	17271991	CHR4:17271991	SSF x Far_LoA	-8,270	0,086	0,274
CHR4	17271994	CHR4:17271994	SSF x Far_LoA	-10,365	-0,065	0,298
CHR4	17272042	CHR4:17272042	SSF x Far_LoA	-8,717	-0,140	0,283
CHR4	17320332	CHR4:17320332	SSF x Far_LoA	-10,829	0,092	0,283
CHR4	17339518	CHR4:17339518	SSF x Far_LoA	-11,414	-0,011	0,292
CHR4	17339539	CHR4:17339539	SSF x Far_LoA	-8,069	0,081	0,291
CHR4	17339711	CHR4:17339711	SSF x Far_LoA	-10,521	0,018	0,285
CHR4	17339722	CHR4:17339722	SSF x Far_LoA	-9,683	0,020	0,291
CHR4	17339732	CHR4:17339732	SSF x Far_LoA	-11,068	0,034	0,291
CHR4	17339762	CHR4:17339762	SSF x Far_LoA	-5,708	-0,046	0,295
CHR4	17339810	CHR4:17339810	SSF x Far_LoA	-10,319	0,003	0,283
CHR4	17350818	CHR4:17350818	SSF x Far_LoA	-9,271	0,044	0,287
CHR4	17350971	CHR4:17350971	SSF x Far_LoA	-9,295	-0,102	0,290
CHR4	17375335	CHR4:17375335	SSF x Far_LoA	-10,321	0,079	0,291
CHR4	17410332	CHR4:17410332	SSF x Far_LoA	-9,272	0,094	0,293
CHR4	17410368	CHR4:17410368	SSF x Far_LoA	-8,672	0,063	0,294
CHR4	17410539	CHR4:17410539	SSF x Far_LoA	-1,280	0,093	0,301
CHR4	17410598	CHR4:17410598	SSF x Far_LoA	-4,633	-0,136	0,296
CHR4	17429659	CHR4:17429659	SSF x Far_LoA	-7,638	0,111	0,294
CHR4	17429710	CHR4:17429710	SSF x Far_LoA	-11,262	-0,009	0,289
CHR4	17435587	CHR4:17435587	SSF x Far_LoA	-7,912	0,020	0,287
CHR4	17435601	CHR4:17435601	SSF x Far_LoA	-9,048	0,038	0,293
CHR4	17435793	CHR4:17435793	SSF x Far_LoA	-8,806	0,024	0,286
CHR4	17435820	CHR4:17435820	SSF x Far_LoA	-6,914	-0,105	0,290
CHR4	17441901	CHR4:17441901	SSF x Far_LoA	-7,896	-0,051	0,284
CHR4	17441995	CHR4:17441995	SSF x Far_LoA	-10,576	-0,060	0,293
CHR4	17442055	CHR4:17442055	SSF x Far_LoA	-9,612	-0,093	0,277
CHR4	17442057	CHR4:17442057	SSF x Far_LoA	-9,710	0,027	0,291
CHR4	17442104	CHR4:17442104	SSF x Far_LoA	-10,569	0,072	0,296
CHR4	17442113	CHR4:17442113	SSF x Far_LoA	-9,094	-0,045	0,292
CHR4	17442123	CHR4:17442123	SSF x Far_LoA	-11,119	0,005	0,291
CHR4	17444666	CHR4:17444666	SSF x Far_LoA	-8,770	0,079	0,285
CHR4	17485973	CHR4:17485973	SSF x Far_LoA	-7,620	-0,147	0,275
CHR4	17486025	CHR4:17486025	SSF x Far_LoA	-10,915	-0,092	0,290
CHR4	17486032	CHR4:17486032	SSF x Far_LoA	-9,124	-0,060	0,275
CHR4	17486113	CHR4:17486113	SSF x Far_LoA	-8,963	0,122	0,290
CHR4	17486198	CHR4:17486198	SSF x Far_LoA	-8,833	-0,046	0,285
CHR4	17486293	CHR4:17486293	SSF x Far_LoA	-8,766	-0,002	0,297
CHR4	17486347	CHR4:17486347	SSF x Far_LoA	-9,282	-0,012	0,279
CHR4	17486352	CHR4:17486352	SSF x Far_LoA	-7,904	0,114	0,277
CHR4	17486356	CHR4:17486356	SSF x Far_LoA	-6,548	-0,116	0,288
CHR4	17486466	CHR4:17486466	SSF x Far_LoA	-9,666	-0,094	0,283
CHR4	17556157	CHR4:17556157	SSF x Far_LoA	-8,264	-0,144	0,294
CHR4	17563217	CHR4:17563217	SSF x Far_LoA	-10,805	0,032	0,287
CHR4	17565880	CHR4:17565880	SSF x Far_LoA	-9,122	0,086	0,278
CHR4	17565923	CHR4:17565923	SSF x Far_LoA	-9,411	0,052	0,286
CHR4	17606173	CHR4:17606173	SSF x Far_LoA	-8,827	0,195	0,292
CHR4	17616103	CHR4:17616103	SSF x Far_LoA	-11,944	0,017	0,292
CHR4	176213	CHR4:176213	SSF x Far_LoA	-10,930	-0,062	0,290
CHR4	17623725	CHR4:17623725	SSF x Far_LoA	-11,104	-0,077	0,288
CHR4	17623774	CHR4:17623774	SSF x Far_LoA	-9,123	0,039	0,305
CHR4	17623828	CHR4:17623828	SSF x Far_LoA	-9,223	-0,093	0,299
CHR4	17623898	CHR4:17623898	SSF x Far_LoA	-11,865	-0,016	0,293

CHR4	17633482	CHR4:17633482	SSF x Far_LoA	-8,590	0,095	0,286
CHR4	17639372	CHR4:17639372	SSF x Far_LoA	-8,696	0,072	0,284
CHR4	176546	CHR4:176546	SSF x Far_LoA	-7,109	0,107	0,296
CHR4	17676677	CHR4:17676677	SSF x Far_LoA	-5,678	-0,058	0,289
CHR4	1768564	CHR4:1768564	SSF x Far_LoA	-8,276	0,050	0,303
CHR4	17697478	CHR4:17697478	SSF x Far_LoA	-10,079	-0,001	0,285
CHR4	17720220	CHR4:17720220	SSF x Far_LoA	-11,335	0,061	0,293
CHR4	17733371	CHR4:17733371	SSF x Far_LoA	-8,240	0,029	0,294
CHR4	17733681	CHR4:17733681	SSF x Far_LoA	-9,132	-0,056	0,280
CHR4	17739528	CHR4:17739528	SSF x Far_LoA	-7,847	0,039	0,293
CHR4	17739545	CHR4:17739545	SSF x Far_LoA	-11,408	0,040	0,293
CHR4	17739599	CHR4:17739599	SSF x Far_LoA	-11,097	-0,040	0,286
CHR4	17766679	CHR4:17766679	SSF x Far_LoA	-9,339	-0,123	0,300
CHR4	17766723	CHR4:17766723	SSF x Far_LoA	-7,777	0,083	0,300
CHR4	17788418	CHR4:17788418	SSF x Far_LoA	-7,812	-0,062	0,293
CHR4	17804043	CHR4:17804043	SSF x Far_LoA	-8,077	-0,034	0,291
CHR4	17819192	CHR4:17819192	SSF x Far_LoA	-7,450	0,145	0,285
CHR4	17819342	CHR4:17819342	SSF x Far_LoA	-9,486	0,057	0,296
CHR4	17841781	CHR4:17841781	SSF x Far_LoA	-9,714	-0,036	0,292
CHR4	17891985	CHR4:17891985	SSF x Far_LoA	-10,058	-0,022	0,281
CHR4	17892055	CHR4:17892055	SSF x Far_LoA	-8,332	-0,003	0,302
CHR4	17892128	CHR4:17892128	SSF x Far_LoA	-9,957	-0,050	0,286
CHR4	17904471	CHR4:17904471	SSF x Far_LoA	-7,475	-0,089	0,300
CHR4	17909959	CHR4:17909959	SSF x Far_LoA	-8,521	-0,111	0,281
CHR4	17957611	CHR4:17957611	SSF x Far_LoA	-6,796	0,004	0,279
CHR4	17957755	CHR4:17957755	SSF x Far_LoA	-9,309	0,093	0,306
CHR4	17957833	CHR4:17957833	SSF x Far_LoA	-11,163	0,002	0,293
CHR4	17965942	CHR4:17965942	SSF x Far_LoA	-8,902	0,026	0,287
CHR4	17968119	CHR4:17968119	SSF x Far_LoA	-9,447	-0,106	0,279
CHR4	17968438	CHR4:17968438	SSF x Far_LoA	-7,066	0,120	0,283
CHR4	17984594	CHR4:17984594	SSF x Far_LoA	-7,574	0,133	0,281
CHR4	17987169	CHR4:17987169	SSF x Far_LoA	-8,030	0,074	0,284
CHR4	17987185	CHR4:17987185	SSF x Far_LoA	-11,195	0,092	0,277
CHR4	18000185	CHR4:18000185	SSF x Far_LoA	-10,521	-0,003	0,294
CHR4	18000265	CHR4:18000265	SSF x Far_LoA	-11,508	0,018	0,291
CHR4	18000363	CHR4:18000363	SSF x Far_LoA	-10,051	0,063	0,297
CHR4	18008794	CHR4:18008794	SSF x Far_LoA	-9,938	0,105	0,292
CHR4	18008900	CHR4:18008900	SSF x Far_LoA	-6,929	0,140	0,293
CHR4	18023786	CHR4:18023786	SSF x Far_LoA	-9,130	0,050	0,297
CHR4	18024043	CHR4:18024043	SSF x Far_LoA	-8,276	0,023	0,303
CHR4	18024153	CHR4:18024153	SSF x Far_LoA	-8,465	-0,003	0,307
CHR4	18030946	CHR4:18030946	SSF x Far_LoA	-10,497	-0,099	0,284
CHR4	18031101	CHR4:18031101	SSF x Far_LoA	-8,525	0,029	0,294
CHR4	18047638	CHR4:18047638	SSF x Far_LoA	-9,668	-0,026	0,292
CHR4	18047639	CHR4:18047639	SSF x Far_LoA	-10,211	0,007	0,296
CHR4	18047672	CHR4:18047672	SSF x Far_LoA	-9,738	0,005	0,301
CHR4	18047687	CHR4:18047687	SSF x Far_LoA	-8,760	-0,003	0,286
CHR4	18047727	CHR4:18047727	SSF x Far_LoA	-7,870	0,009	0,295
CHR4	18078985	CHR4:18078985	SSF x Far_LoA	-10,507	-0,091	0,282
CHR4	18079025	CHR4:18079025	SSF x Far_LoA	-10,912	-0,061	0,285
CHR4	18086658	CHR4:18086658	SSF x Far_LoA	-7,700	-0,156	0,285
CHR4	181140	CHR4:181140	SSF x Far_LoA	-9,225	0,073	0,300
CHR4	18124101	CHR4:18124101	SSF x Far_LoA	-8,802	0,052	0,283

CHR4	181346	CHR4:181346	SSF x Far_LoA	-8,375	0,139	0,285
CHR4	181348	CHR4:181348	SSF x Far_LoA	-7,120	0,166	0,272
CHR4	18137859	CHR4:18137859	SSF x Far_LoA	-10,945	-0,031	0,298
CHR4	18269856	CHR4:18269856	SSF x Far_LoA	-11,636	0,001	0,292
CHR4	18274694	CHR4:18274694	SSF x Far_LoA	-9,386	0,019	0,295
CHR4	18277207	CHR4:18277207	SSF x Far_LoA	-6,732	0,096	0,299
CHR4	18277291	CHR4:18277291	SSF x Far_LoA	-9,200	0,038	0,295
CHR4	18277398	CHR4:18277398	SSF x Far_LoA	-8,846	0,099	0,295
CHR4	18285311	CHR4:18285311	SSF x Far_LoA	-8,340	0,091	0,288
CHR4	18285359	CHR4:18285359	SSF x Far_LoA	-9,757	0,027	0,292
CHR4	18285366	CHR4:18285366	SSF x Far_LoA	-9,250	-0,048	0,292
CHR4	18285533	CHR4:18285533	SSF x Far_LoA	-6,823	0,021	0,300
CHR4	18287930	CHR4:18287930	SSF x Far_LoA	-11,695	-0,061	0,293
CHR4	18307063	CHR4:18307063	SSF x Far_LoA	-8,616	-0,072	0,296
CHR4	18318199	CHR4:18318199	SSF x Far_LoA	-5,434	-0,127	0,291
CHR4	18338781	CHR4:18338781	SSF x Far_LoA	-10,866	-0,080	0,289
CHR4	18411303	CHR4:18411303	SSF x Far_LoA	-8,057	-0,033	0,298
CHR4	18411483	CHR4:18411483	SSF x Far_LoA	-8,204	-0,112	0,283
CHR4	18411519	CHR4:18411519	SSF x Far_LoA	-8,806	0,010	0,294
CHR4	18468167	CHR4:18468167	SSF x Far_LoA	-9,641	0,049	0,284
CHR4	18468221	CHR4:18468221	SSF x Far_LoA	-8,179	0,035	0,295
CHR4	18468317	CHR4:18468317	SSF x Far_LoA	-8,020	0,092	0,287
CHR4	18478057	CHR4:18478057	SSF x Far_LoA	-9,013	0,007	0,285
CHR4	18507154	CHR4:18507154	SSF x Far_LoA	-10,801	0,058	0,280
CHR4	18510278	CHR4:18510278	SSF x Far_LoA	-4,339	-0,193	0,294
CHR4	18511869	CHR4:18511869	SSF x Far_LoA	-10,546	0,081	0,278
CHR4	18517302	CHR4:18517302	SSF x Far_LoA	-9,584	-0,136	0,281
CHR4	18517307	CHR4:18517307	SSF x Far_LoA	-10,523	-0,048	0,295
CHR4	18517564	CHR4:18517564	SSF x Far_LoA	-10,273	0,180	0,270
CHR4	1868971	CHR4:1868971	SSF x Far_LoA	-8,841	0,002	0,291
CHR4	1869290	CHR4:1869290	SSF x Far_LoA	-8,722	0,018	0,308
CHR4	193007	CHR4:193007	SSF x Far_LoA	-9,217	-0,030	0,280
CHR4	193063	CHR4:193063	SSF x Far_LoA	-8,238	-0,024	0,293
CHR4	193285	CHR4:193285	SSF x Far_LoA	-5,474	-0,186	0,290
CHR4	193308	CHR4:193308	SSF x Far_LoA	-8,307	-0,138	0,298
CHR4	195691	CHR4:195691	SSF x Far_LoA	-9,341	0,061	0,291
CHR4	195773	CHR4:195773	SSF x Far_LoA	-9,929	-0,047	0,296
CHR4	197742	CHR4:197742	SSF x Far_LoA	-8,980	0,120	0,290
CHR4	212503	CHR4:212503	SSF x Far_LoA	-9,172	-0,101	0,278
CHR4	2160824	CHR4:2160824	SSF x Far_LoA	-9,347	-0,018	0,288
CHR4	2317245	CHR4:2317245	SSF x Far_LoA	-7,441	-0,008	0,305
CHR4	2327338	CHR4:2327338	SSF x Far_LoA	-7,788	0,047	0,310
CHR4	2328168	CHR4:2328168	SSF x Far_LoA	-8,781	-0,052	0,304
CHR4	2422316	CHR4:2422316	SSF x Far_LoA	-8,966	-0,002	0,307
CHR4	2612976	CHR4:2612976	SSF x Far_LoA	-6,208	-0,047	0,316
CHR4	272774	CHR4:272774	SSF x Far_LoA	-9,953	-0,041	0,289
CHR4	272887	CHR4:272887	SSF x Far_LoA	-6,702	0,070	0,288
CHR4	273066	CHR4:273066	SSF x Far_LoA	-9,507	-0,026	0,276
CHR4	282675	CHR4:282675	SSF x Far_LoA	-9,242	0,012	0,280
CHR4	2859824	CHR4:2859824	SSF x Far_LoA	-6,972	0,189	0,280
CHR4	2862671	CHR4:2862671	SSF x Far_LoA	-9,985	0,027	0,305
CHR4	2916179	CHR4:2916179	SSF x Far_LoA	-7,908	0,052	0,298
CHR4	295966	CHR4:295966	SSF x Far_LoA	-8,098	0,158	0,286

CHR4	295989	CHR4:295989	SSF x Far_LoA	-8,485	0,050	0,299
CHR4	303149	CHR4:303149	SSF x Far_LoA	-9,390	-0,092	0,296
CHR4	306586	CHR4:306586	SSF x Far_LoA	-10,691	0,052	0,304
CHR4	306602	CHR4:306602	SSF x Far_LoA	-9,550	-0,014	0,293
CHR4	306603	CHR4:306603	SSF x Far_LoA	-10,382	-0,022	0,281
CHR4	3226620	CHR4:3226620	SSF x Far_LoA	-9,913	0,002	0,284
CHR4	3238956	CHR4:3238956	SSF x Far_LoA	-8,112	0,051	0,291
CHR4	3239036	CHR4:3239036	SSF x Far_LoA	-8,634	-0,001	0,302
CHR4	3239115	CHR4:3239115	SSF x Far_LoA	-8,178	-0,070	0,298
CHR4	3239302	CHR4:3239302	SSF x Far_LoA	-8,577	0,038	0,285
CHR4	324664	CHR4:324664	SSF x Far_LoA	-10,407	0,098	0,288
CHR4	3261786	CHR4:3261786	SSF x Far_LoA	-9,010	-0,019	0,295
CHR4	3261791	CHR4:3261791	SSF x Far_LoA	-11,257	0,014	0,298
CHR4	3267005	CHR4:3267005	SSF x Far_LoA	-10,559	0,036	0,281
CHR4	3267058	CHR4:3267058	SSF x Far_LoA	-6,558	0,058	0,288
CHR4	3346433	CHR4:3346433	SSF x Far_LoA	-9,315	-0,028	0,291
CHR4	3351797	CHR4:3351797	SSF x Far_LoA	-10,380	0,021	0,286
CHR4	3351849	CHR4:3351849	SSF x Far_LoA	-8,512	0,020	0,273
CHR4	3359523	CHR4:3359523	SSF x Far_LoA	-6,810	-0,150	0,285
CHR4	3359544	CHR4:3359544	SSF x Far_LoA	-8,199	0,085	0,281
CHR4	3361468	CHR4:3361468	SSF x Far_LoA	-5,112	0,003	0,281
CHR4	3404343	CHR4:3404343	SSF x Far_LoA	-8,715	-0,048	0,285
CHR4	3424867	CHR4:3424867	SSF x Far_LoA	-11,837	0,059	0,293
CHR4	3444805	CHR4:3444805	SSF x Far_LoA	-9,925	-0,029	0,303
CHR4	3449730	CHR4:3449730	SSF x Far_LoA	-10,262	0,104	0,285
CHR4	3462584	CHR4:3462584	SSF x Far_LoA	-6,956	0,173	0,273
CHR4	3470364	CHR4:3470364	SSF x Far_LoA	-7,093	0,088	0,294
CHR4	3470376	CHR4:3470376	SSF x Far_LoA	-11,314	-0,057	0,291
CHR4	3470563	CHR4:3470563	SSF x Far_LoA	-8,508	-0,023	0,292
CHR4	3479321	CHR4:3479321	SSF x Far_LoA	-9,198	-0,096	0,291
CHR4	3479694	CHR4:3479694	SSF x Far_LoA	-9,821	-0,018	0,283
CHR4	3482721	CHR4:3482721	SSF x Far_LoA	-10,082	0,054	0,286
CHR4	3495379	CHR4:3495379	SSF x Far_LoA	-7,982	-0,025	0,280
CHR4	3504236	CHR4:3504236	SSF x Far_LoA	-9,126	-0,013	0,284
CHR4	3504296	CHR4:3504296	SSF x Far_LoA	-10,806	-0,108	0,278
CHR4	3504426	CHR4:3504426	SSF x Far_LoA	-10,594	-0,039	0,286
CHR4	3504470	CHR4:3504470	SSF x Far_LoA	-8,657	-0,068	0,298
CHR4	352242	CHR4:352242	SSF x Far_LoA	-7,020	0,009	0,292
CHR4	3529568	CHR4:3529568	SSF x Far_LoA	-9,267	0,050	0,283
CHR4	3531315	CHR4:3531315	SSF x Far_LoA	-7,946	-0,115	0,285
CHR4	3555046	CHR4:3555046	SSF x Far_LoA	-7,890	-0,133	0,293
CHR4	357525	CHR4:357525	SSF x Far_LoA	-9,131	0,119	0,295
CHR4	357616	CHR4:357616	SSF x Far_LoA	-11,077	-0,015	0,291
CHR4	357899	CHR4:357899	SSF x Far_LoA	-8,063	-0,108	0,272
CHR4	3653095	CHR4:3653095	SSF x Far_LoA	-9,661	0,024	0,293
CHR4	3653108	CHR4:3653108	SSF x Far_LoA	-9,257	0,060	0,276
CHR4	3653113	CHR4:3653113	SSF x Far_LoA	-8,479	0,010	0,295
CHR4	3745852	CHR4:3745852	SSF x Far_LoA	-9,235	-0,043	0,310
CHR4	376024	CHR4:376024	SSF x Far_LoA	-6,770	0,070	0,290
CHR4	376301	CHR4:376301	SSF x Far_LoA	-6,950	0,116	0,286
CHR4	3781479	CHR4:3781479	SSF x Far_LoA	-10,829	0,051	0,291
CHR4	3794967	CHR4:3794967	SSF x Far_LoA	-10,956	-0,062	0,297
CHR4	3795003	CHR4:3795003	SSF x Far_LoA	-11,048	-0,070	0,300

CHR4	380350	CHR4:380350	SSF x Far_LoA	-9,732	0,101	0,279
CHR4	380405	CHR4:380405	SSF x Far_LoA	-7,996	-0,109	0,292
CHR4	380440	CHR4:380440	SSF x Far_LoA	-6,498	-0,204	0,273
CHR4	380702	CHR4:380702	SSF x Far_LoA	-11,576	0,130	0,268
CHR4	3813375	CHR4:3813375	SSF x Far_LoA	-10,501	-0,037	0,291
CHR4	3813615	CHR4:3813615	SSF x Far_LoA	-6,447	-0,045	0,299
CHR4	408484	CHR4:408484	SSF x Far_LoA	-12,449	-0,076	0,277
CHR4	408611	CHR4:408611	SSF x Far_LoA	-9,747	-0,126	0,292
CHR4	428080	CHR4:428080	SSF x Far_LoA	-12,046	-0,052	0,282
CHR4	428148	CHR4:428148	SSF x Far_LoA	-8,277	0,099	0,298
CHR4	429379	CHR4:429379	SSF x Far_LoA	-10,585	-0,123	0,279
CHR4	429465	CHR4:429465	SSF x Far_LoA	-8,690	0,056	0,300
CHR4	429475	CHR4:429475	SSF x Far_LoA	-11,210	0,018	0,279
CHR4	429631	CHR4:429631	SSF x Far_LoA	-8,101	0,100	0,291
CHR4	429634	CHR4:429634	SSF x Far_LoA	-8,156	0,032	0,296
CHR4	429706	CHR4:429706	SSF x Far_LoA	-10,426	-0,036	0,296
CHR4	448807	CHR4:448807	SSF x Far_LoA	-11,758	0,045	0,291
CHR4	448817	CHR4:448817	SSF x Far_LoA	-4,538	0,112	0,287
CHR4	461324	CHR4:461324	SSF x Far_LoA	-9,291	0,067	0,279
CHR4	461477	CHR4:461477	SSF x Far_LoA	-10,718	0,070	0,286
CHR4	461517	CHR4:461517	SSF x Far_LoA	-10,622	-0,103	0,284
CHR4	475808	CHR4:475808	SSF x Far_LoA	-8,323	-0,060	0,286
CHR4	482908	CHR4:482908	SSF x Far_LoA	-7,065	-0,139	0,290
CHR4	482952	CHR4:482952	SSF x Far_LoA	-11,466	0,005	0,293
CHR4	483016	CHR4:483016	SSF x Far_LoA	-11,362	-0,038	0,291
CHR4	483052	CHR4:483052	SSF x Far_LoA	-5,933	0,116	0,293
CHR4	483129	CHR4:483129	SSF x Far_LoA	-9,902	0,075	0,279
CHR4	483177	CHR4:483177	SSF x Far_LoA	-6,133	-0,031	0,293
CHR4	487428	CHR4:487428	SSF x Far_LoA	-7,903	-0,086	0,285
CHR4	487438	CHR4:487438	SSF x Far_LoA	-11,110	-0,040	0,296
CHR4	487696	CHR4:487696	SSF x Far_LoA	-8,433	-0,077	0,262
CHR4	487714	CHR4:487714	SSF x Far_LoA	-11,096	0,025	0,290
CHR4	487716	CHR4:487716	SSF x Far_LoA	-10,322	-0,065	0,280
CHR4	487739	CHR4:487739	SSF x Far_LoA	-11,650	0,029	0,290
CHR4	516830	CHR4:516830	SSF x Far_LoA	-10,742	-0,115	0,282
CHR4	545287	CHR4:545287	SSF x Far_LoA	-7,968	0,034	0,301
CHR4	545332	CHR4:545332	SSF x Far_LoA	-7,684	-0,105	0,289
CHR4	545374	CHR4:545374	SSF x Far_LoA	-9,142	-0,001	0,301
CHR4	55705	CHR4:55705	SSF x Far_LoA	-8,321	-0,151	0,271
CHR4	560551	CHR4:560551	SSF x Far_LoA	-1,425	-0,151	0,292
CHR4	562085	CHR4:562085	SSF x Far_LoA	-8,561	0,058	0,292
CHR4	562161	CHR4:562161	SSF x Far_LoA	-9,655	0,014	0,299
CHR4	562294	CHR4:562294	SSF x Far_LoA	-9,343	0,149	0,277
CHR4	5759574	CHR4:5759574	SSF x Far_LoA	-8,523	-0,070	0,282
CHR4	576621	CHR4:576621	SSF x Far_LoA	-10,957	-0,075	0,292
CHR4	577741	CHR4:577741	SSF x Far_LoA	-8,359	-0,040	0,277
CHR4	5778543	CHR4:5778543	SSF x Far_LoA	-8,745	-0,026	0,298
CHR4	5795464	CHR4:5795464	SSF x Far_LoA	-8,740	-0,022	0,284
CHR4	5795551	CHR4:5795551	SSF x Far_LoA	-8,757	-0,040	0,282
CHR4	5803119	CHR4:5803119	SSF x Far_LoA	-7,557	-0,136	0,297
CHR4	5817379	CHR4:5817379	SSF x Far_LoA	-7,970	-0,169	0,298
CHR4	58353	CHR4:58353	SSF x Far_LoA	-10,877	0,045	0,283
CHR4	585073	CHR4:585073	SSF x Far_LoA	-9,703	0,069	0,285

CHR4	585090	CHR4:585090	SSF x Far_LoA	-9,635	-0,007	0,291
CHR4	5921963	CHR4:5921963	SSF x Far_LoA	-9,642	0,033	0,275
CHR4	5927726	CHR4:5927726	SSF x Far_LoA	-9,496	0,095	0,295
CHR4	5927923	CHR4:5927923	SSF x Far_LoA	-8,808	0,032	0,303
CHR4	5953571	CHR4:5953571	SSF x Far_LoA	-8,667	-0,102	0,285
CHR4	595562	CHR4:595562	SSF x Far_LoA	-7,094	-0,140	0,286
CHR4	596033	CHR4:596033	SSF x Far_LoA	-10,253	0,098	0,298
CHR4	596192	CHR4:596192	SSF x Far_LoA	-6,745	0,117	0,286
CHR4	60038	CHR4:60038	SSF x Far_LoA	-8,329	-0,094	0,288
CHR4	60087	CHR4:60087	SSF x Far_LoA	-8,806	-0,076	0,280
CHR4	6009734	CHR4:6009734	SSF x Far_LoA	-9,708	-0,004	0,297
CHR4	6009750	CHR4:6009750	SSF x Far_LoA	-10,722	-0,027	0,306
CHR4	6023975	CHR4:6023975	SSF x Far_LoA	-9,204	-0,084	0,293
CHR4	6055744	CHR4:6055744	SSF x Far_LoA	-10,815	0,099	0,288
CHR4	607407	CHR4:607407	SSF x Far_LoA	-9,857	0,058	0,289
CHR4	607422	CHR4:607422	SSF x Far_LoA	-8,681	0,077	0,300
CHR4	607428	CHR4:607428	SSF x Far_LoA	-10,124	0,084	0,289
CHR4	6084122	CHR4:6084122	SSF x Far_LoA	-10,406	0,127	0,276
CHR4	6095317	CHR4:6095317	SSF x Far_LoA	-9,853	0,028	0,274
CHR4	6095344	CHR4:6095344	SSF x Far_LoA	-7,422	-0,144	0,271
CHR4	6104532	CHR4:6104532	SSF x Far_LoA	-10,236	-0,036	0,295
CHR4	6104533	CHR4:6104533	SSF x Far_LoA	-9,840	-0,092	0,290
CHR4	611938	CHR4:611938	SSF x Far_LoA	-6,841	-0,199	0,283
CHR4	612082	CHR4:612082	SSF x Far_LoA	-7,352	-0,117	0,286
CHR4	613396	CHR4:613396	SSF x Far_LoA	-10,968	-0,061	0,292
CHR4	6135301	CHR4:6135301	SSF x Far_LoA	-7,740	0,083	0,298
CHR4	6143464	CHR4:6143464	SSF x Far_LoA	-9,496	-0,051	0,298
CHR4	6145417	CHR4:6145417	SSF x Far_LoA	-9,262	-0,047	0,280
CHR4	615609	CHR4:615609	SSF x Far_LoA	-10,327	-0,005	0,307
CHR4	6161399	CHR4:6161399	SSF x Far_LoA	-10,406	-0,039	0,296
CHR4	6161449	CHR4:6161449	SSF x Far_LoA	-10,997	0,030	0,287
CHR4	6161519	CHR4:6161519	SSF x Far_LoA	-10,536	-0,022	0,293
CHR4	6169404	CHR4:6169404	SSF x Far_LoA	-7,591	-0,054	0,304
CHR4	6169408	CHR4:6169408	SSF x Far_LoA	-8,679	-0,145	0,276
CHR4	617349	CHR4:617349	SSF x Far_LoA	-10,650	0,043	0,308
CHR4	617363	CHR4:617363	SSF x Far_LoA	-9,424	-0,096	0,290
CHR4	617653	CHR4:617653	SSF x Far_LoA	-7,849	-0,010	0,311
CHR4	6180375	CHR4:6180375	SSF x Far_LoA	-9,095	0,045	0,287
CHR4	6180414	CHR4:6180414	SSF x Far_LoA	-9,742	0,093	0,292
CHR4	6181093	CHR4:6181093	SSF x Far_LoA	-8,188	-0,034	0,285
CHR4	6181101	CHR4:6181101	SSF x Far_LoA	-10,698	0,027	0,298
CHR4	6191246	CHR4:6191246	SSF x Far_LoA	-10,405	-0,038	0,285
CHR4	6207136	CHR4:6207136	SSF x Far_LoA	-10,760	-0,047	0,292
CHR4	624189	CHR4:624189	SSF x Far_LoA	-9,254	0,037	0,295
CHR4	6281753	CHR4:6281753	SSF x Far_LoA	-11,557	0,066	0,290
CHR4	6281769	CHR4:6281769	SSF x Far_LoA	-11,890	0,010	0,288
CHR4	6281886	CHR4:6281886	SSF x Far_LoA	-10,526	0,022	0,297
CHR4	6281910	CHR4:6281910	SSF x Far_LoA	-11,819	0,005	0,271
CHR4	6281911	CHR4:6281911	SSF x Far_LoA	-9,051	-0,036	0,298
CHR4	6281912	CHR4:6281912	SSF x Far_LoA	-10,269	-0,006	0,292
CHR4	6300353	CHR4:6300353	SSF x Far_LoA	-5,671	0,018	0,279
CHR4	6308102	CHR4:6308102	SSF x Far_LoA	-7,919	0,138	0,286
CHR4	6308112	CHR4:6308112	SSF x Far_LoA	-9,895	0,111	0,280

CHR4	6308297	CHR4:6308297	SSF x Far_LoA	-3,866	-0,077	0,290
CHR4	6311062	CHR4:6311062	SSF x Far_LoA	-8,677	-0,079	0,299
CHR4	6321805	CHR4:6321805	SSF x Far_LoA	-8,880	-0,005	0,302
CHR4	6335611	CHR4:6335611	SSF x Far_LoA	-10,623	0,108	0,276
CHR4	6335824	CHR4:6335824	SSF x Far_LoA	-8,638	-0,058	0,275
CHR4	6335851	CHR4:6335851	SSF x Far_LoA	-10,896	0,080	0,284
CHR4	6339379	CHR4:6339379	SSF x Far_LoA	-8,446	0,065	0,303
CHR4	6339397	CHR4:6339397	SSF x Far_LoA	-8,546	0,032	0,295
CHR4	6343287	CHR4:6343287	SSF x Far_LoA	-6,461	0,052	0,294
CHR4	6346180	CHR4:6346180	SSF x Far_LoA	-6,499	-0,066	0,297
CHR4	6346196	CHR4:6346196	SSF x Far_LoA	-4,881	0,029	0,280
CHR4	6351766	CHR4:6351766	SSF x Far_LoA	-11,825	0,085	0,287
CHR4	6358248	CHR4:6358248	SSF x Far_LoA	-8,696	-0,082	0,290
CHR4	6358354	CHR4:6358354	SSF x Far_LoA	-10,301	0,043	0,290
CHR4	6365656	CHR4:6365656	SSF x Far_LoA	-8,987	-0,086	0,288
CHR4	6375701	CHR4:6375701	SSF x Far_LoA	-9,001	-0,024	0,296
CHR4	6375725	CHR4:6375725	SSF x Far_LoA	-8,011	-0,079	0,290
CHR4	6375798	CHR4:6375798	SSF x Far_LoA	-10,960	-0,017	0,290
CHR4	6375926	CHR4:6375926	SSF x Far_LoA	-8,343	-0,016	0,300
CHR4	6381296	CHR4:6381296	SSF x Far_LoA	-8,823	0,048	0,284
CHR4	6383424	CHR4:6383424	SSF x Far_LoA	-9,840	-0,006	0,299
CHR4	6383505	CHR4:6383505	SSF x Far_LoA	-1,266	-0,175	0,275
CHR4	6400063	CHR4:6400063	SSF x Far_LoA	-7,841	0,004	0,296
CHR4	6434247	CHR4:6434247	SSF x Far_LoA	-9,861	-0,030	0,291
CHR4	6457754	CHR4:6457754	SSF x Far_LoA	-10,612	-0,009	0,284
CHR4	6474224	CHR4:6474224	SSF x Far_LoA	-8,776	-0,092	0,285
CHR4	6474453	CHR4:6474453	SSF x Far_LoA	-6,931	-0,069	0,288
CHR4	6474470	CHR4:6474470	SSF x Far_LoA	-6,823	0,192	0,292
CHR4	6474510	CHR4:6474510	SSF x Far_LoA	-4,507	0,194	0,277
CHR4	6479906	CHR4:6479906	SSF x Far_LoA	-8,099	0,164	0,287
CHR4	6483329	CHR4:6483329	SSF x Far_LoA	-7,483	-0,009	0,313
CHR4	6495524	CHR4:6495524	SSF x Far_LoA	-8,729	-0,102	0,290
CHR4	6495647	CHR4:6495647	SSF x Far_LoA	-10,663	0,068	0,286
CHR4	6495768	CHR4:6495768	SSF x Far_LoA	-7,764	-0,130	0,282
CHR4	6500159	CHR4:6500159	SSF x Far_LoA	-8,798	-0,125	0,306
CHR4	6500169	CHR4:6500169	SSF x Far_LoA	-8,860	-0,074	0,295
CHR4	6500228	CHR4:6500228	SSF x Far_LoA	-8,104	-0,073	0,291
CHR4	6500990	CHR4:6500990	SSF x Far_LoA	-9,245	-0,007	0,285
CHR4	6502609	CHR4:6502609	SSF x Far_LoA	-8,876	0,049	0,300
CHR4	6502718	CHR4:6502718	SSF x Far_LoA	-9,427	0,097	0,294
CHR4	6502729	CHR4:6502729	SSF x Far_LoA	-9,019	-0,001	0,303
CHR4	6502730	CHR4:6502730	SSF x Far_LoA	-9,124	0,004	0,294
CHR4	6508802	CHR4:6508802	SSF x Far_LoA	-1,845	-0,092	0,280
CHR4	6508805	CHR4:6508805	SSF x Far_LoA	-10,164	-0,091	0,288
CHR4	6508823	CHR4:6508823	SSF x Far_LoA	-12,078	0,011	0,297
CHR4	6508963	CHR4:6508963	SSF x Far_LoA	-9,881	-0,090	0,300
CHR4	6509580	CHR4:6509580	SSF x Far_LoA	-8,549	-0,038	0,312
CHR4	6509732	CHR4:6509732	SSF x Far_LoA	-8,779	-0,026	0,295
CHR4	6509762	CHR4:6509762	SSF x Far_LoA	-9,307	-0,020	0,287
CHR4	6538963	CHR4:6538963	SSF x Far_LoA	-9,205	-0,022	0,271
CHR4	6538976	CHR4:6538976	SSF x Far_LoA	-8,714	-0,001	0,272
CHR4	6539122	CHR4:6539122	SSF x Far_LoA	-10,372	0,049	0,302
CHR4	6539226	CHR4:6539226	SSF x Far_LoA	0,826	0,073	0,269

CHR4	654446	CHR4:654446	SSF x Far_LoA	-8,412	0,019	0,307
CHR4	654486	CHR4:654486	SSF x Far_LoA	-9,217	0,066	0,281
CHR4	654508	CHR4:654508	SSF x Far_LoA	-9,338	-0,137	0,301
CHR4	6554115	CHR4:6554115	SSF x Far_LoA	-8,871	0,149	0,273
CHR4	6554331	CHR4:6554331	SSF x Far_LoA	-8,959	0,021	0,287
CHR4	6554349	CHR4:6554349	SSF x Far_LoA	-8,834	0,136	0,288
CHR4	6554353	CHR4:6554353	SSF x Far_LoA	-11,600	-0,089	0,285
CHR4	6563684	CHR4:6563684	SSF x Far_LoA	-11,711	0,013	0,286
CHR4	6569283	CHR4:6569283	SSF x Far_LoA	-8,534	-0,084	0,288
CHR4	657078	CHR4:657078	SSF x Far_LoA	-10,922	-0,049	0,288
CHR4	6589581	CHR4:6589581	SSF x Far_LoA	-7,897	0,093	0,289
CHR4	659207	CHR4:659207	SSF x Far_LoA	-8,878	0,079	0,297
CHR4	659332	CHR4:659332	SSF x Far_LoA	-10,252	0,014	0,293
CHR4	659362	CHR4:659362	SSF x Far_LoA	-8,931	-0,083	0,290
CHR4	6597616	CHR4:6597616	SSF x Far_LoA	-10,720	0,009	0,288
CHR4	6597636	CHR4:6597636	SSF x Far_LoA	-7,789	-0,113	0,291
CHR4	6597677	CHR4:6597677	SSF x Far_LoA	-7,004	-0,207	0,292
CHR4	6605521	CHR4:6605521	SSF x Far_LoA	-8,491	0,078	0,294
CHR4	6605729	CHR4:6605729	SSF x Far_LoA	-7,977	0,069	0,281
CHR4	6620541	CHR4:6620541	SSF x Far_LoA	-8,276	-0,072	0,283
CHR4	6623650	CHR4:6623650	SSF x Far_LoA	-8,967	0,107	0,287
CHR4	6623654	CHR4:6623654	SSF x Far_LoA	-9,072	0,062	0,305
CHR4	6626487	CHR4:6626487	SSF x Far_LoA	-9,401	-0,058	0,286
CHR4	663934	CHR4:663934	SSF x Far_LoA	-11,835	0,055	0,279
CHR4	663936	CHR4:663936	SSF x Far_LoA	-10,940	0,056	0,276
CHR4	663950	CHR4:663950	SSF x Far_LoA	-7,639	0,053	0,299
CHR4	663995	CHR4:663995	SSF x Far_LoA	-11,137	-0,040	0,281
CHR4	6644386	CHR4:6644386	SSF x Far_LoA	-9,973	-0,032	0,289
CHR4	6644472	CHR4:6644472	SSF x Far_LoA	-8,963	0,024	0,290
CHR4	6644483	CHR4:6644483	SSF x Far_LoA	-9,946	0,033	0,307
CHR4	6650282	CHR4:6650282	SSF x Far_LoA	-9,530	-0,038	0,293
CHR4	6650474	CHR4:6650474	SSF x Far_LoA	-11,111	-0,056	0,292
CHR4	6651587	CHR4:6651587	SSF x Far_LoA	-8,556	0,061	0,296
CHR4	6651613	CHR4:6651613	SSF x Far_LoA	-8,911	0,057	0,293
CHR4	6651614	CHR4:6651614	SSF x Far_LoA	-11,595	-0,028	0,296
CHR4	6659544	CHR4:6659544	SSF x Far_LoA	-9,119	0,084	0,287
CHR4	6659566	CHR4:6659566	SSF x Far_LoA	-10,193	0,032	0,296
CHR4	670504	CHR4:670504	SSF x Far_LoA	-10,344	-0,043	0,264
CHR4	6717587	CHR4:6717587	SSF x Far_LoA	-10,130	0,099	0,290
CHR4	6717720	CHR4:6717720	SSF x Far_LoA	-6,718	0,038	0,290
CHR4	6721224	CHR4:6721224	SSF x Far_LoA	-10,177	-0,071	0,301
CHR4	6721426	CHR4:6721426	SSF x Far_LoA	-11,157	-0,010	0,294
CHR4	6734052	CHR4:6734052	SSF x Far_LoA	-7,637	-0,150	0,294
CHR4	6738486	CHR4:6738486	SSF x Far_LoA	-8,544	0,021	0,297
CHR4	6741133	CHR4:6741133	SSF x Far_LoA	-8,375	0,058	0,280
CHR4	6741212	CHR4:6741212	SSF x Far_LoA	-9,547	-0,036	0,285
CHR4	6741233	CHR4:6741233	SSF x Far_LoA	-8,585	-0,041	0,309
CHR4	6746072	CHR4:6746072	SSF x Far_LoA	-6,637	0,172	0,283
CHR4	6746261	CHR4:6746261	SSF x Far_LoA	-7,014	0,162	0,285
CHR4	6746331	CHR4:6746331	SSF x Far_LoA	-5,323	0,190	0,281
CHR4	6758374	CHR4:6758374	SSF x Far_LoA	-9,687	-0,039	0,309
CHR4	6758428	CHR4:6758428	SSF x Far_LoA	-8,158	0,012	0,299
CHR4	6758505	CHR4:6758505	SSF x Far_LoA	-9,523	0,015	0,299

CHR4	6758507	CHR4:6758507	SSF x Far_LoA	-9,192	0,033	0,302
CHR4	6763530	CHR4:6763530	SSF x Far_LoA	-9,245	-0,012	0,282
CHR4	6763742	CHR4:6763742	SSF x Far_LoA	-12,024	0,012	0,283
CHR4	6766041	CHR4:6766041	SSF x Far_LoA	-10,895	-0,085	0,290
CHR4	6766094	CHR4:6766094	SSF x Far_LoA	-11,053	0,013	0,288
CHR4	6766103	CHR4:6766103	SSF x Far_LoA	-5,072	-0,132	0,288
CHR4	6766107	CHR4:6766107	SSF x Far_LoA	-9,985	-0,106	0,308
CHR4	676820	CHR4:676820	SSF x Far_LoA	-9,490	-0,026	0,295
CHR4	676935	CHR4:676935	SSF x Far_LoA	-10,454	-0,071	0,290
CHR4	676939	CHR4:676939	SSF x Far_LoA	-6,884	-0,064	0,302
CHR4	6773599	CHR4:6773599	SSF x Far_LoA	-3,485	0,200	0,274
CHR4	6773752	CHR4:6773752	SSF x Far_LoA	-10,499	0,077	0,277
CHR4	677901	CHR4:677901	SSF x Far_LoA	-9,054	-0,030	0,287
CHR4	6810277	CHR4:6810277	SSF x Far_LoA	-11,173	0,023	0,300
CHR4	6810308	CHR4:6810308	SSF x Far_LoA	-9,962	-0,027	0,290
CHR4	6810410	CHR4:6810410	SSF x Far_LoA	-7,980	-0,085	0,306
CHR4	6810464	CHR4:6810464	SSF x Far_LoA	-10,387	0,041	0,287
CHR4	6810489	CHR4:6810489	SSF x Far_LoA	-10,550	-0,132	0,287
CHR4	6829859	CHR4:6829859	SSF x Far_LoA	-11,094	0,025	0,295
CHR4	6834361	CHR4:6834361	SSF x Far_LoA	-10,777	0,115	0,282
CHR4	6854846	CHR4:6854846	SSF x Far_LoA	-8,517	0,030	0,293
CHR4	6862294	CHR4:6862294	SSF x Far_LoA	-10,094	0,018	0,296
CHR4	6865701	CHR4:6865701	SSF x Far_LoA	-10,373	0,087	0,293
CHR4	6865769	CHR4:6865769	SSF x Far_LoA	-6,976	0,209	0,274
CHR4	6865790	CHR4:6865790	SSF x Far_LoA	-6,848	0,171	0,278
CHR4	6867798	CHR4:6867798	SSF x Far_LoA	-11,635	0,012	0,305
CHR4	6877219	CHR4:6877219	SSF x Far_LoA	-10,154	-0,035	0,281
CHR4	6877224	CHR4:6877224	SSF x Far_LoA	-10,188	-0,013	0,300
CHR4	6877232	CHR4:6877232	SSF x Far_LoA	-9,991	0,052	0,277
CHR4	687940	CHR4:687940	SSF x Far_LoA	-9,571	-0,085	0,292
CHR4	688032	CHR4:688032	SSF x Far_LoA	-8,563	-0,173	0,293
CHR4	688973	CHR4:688973	SSF x Far_LoA	-5,022	0,201	0,263
CHR4	6891226	CHR4:6891226	SSF x Far_LoA	-10,780	0,100	0,291
CHR4	689126	CHR4:689126	SSF x Far_LoA	-8,662	0,033	0,283
CHR4	6891338	CHR4:6891338	SSF x Far_LoA	-9,922	0,101	0,296
CHR4	6900449	CHR4:6900449	SSF x Far_LoA	-11,967	0,008	0,289
CHR4	6900482	CHR4:6900482	SSF x Far_LoA	-10,652	-0,010	0,296
CHR4	6900485	CHR4:6900485	SSF x Far_LoA	-10,873	-0,033	0,281
CHR4	6900746	CHR4:6900746	SSF x Far_LoA	-9,044	0,077	0,263
CHR4	6905094	CHR4:6905094	SSF x Far_LoA	-11,482	-0,059	0,285
CHR4	6905101	CHR4:6905101	SSF x Far_LoA	-9,568	0,005	0,308
CHR4	6905173	CHR4:6905173	SSF x Far_LoA	-8,510	0,098	0,294
CHR4	6905366	CHR4:6905366	SSF x Far_LoA	-10,619	-0,064	0,278
CHR4	6905373	CHR4:6905373	SSF x Far_LoA	-7,981	-0,041	0,286
CHR4	6905404	CHR4:6905404	SSF x Far_LoA	-8,429	-0,072	0,283
CHR4	6905416	CHR4:6905416	SSF x Far_LoA	-8,733	-0,060	0,289
CHR4	6910430	CHR4:6910430	SSF x Far_LoA	-8,969	0,039	0,297
CHR4	6917777	CHR4:6917777	SSF x Far_LoA	-8,289	-0,125	0,279
CHR4	6917818	CHR4:6917818	SSF x Far_LoA	-2,533	0,123	0,299
CHR4	692154	CHR4:692154	SSF x Far_LoA	-11,411	-0,074	0,280
CHR4	6926249	CHR4:6926249	SSF x Far_LoA	-11,006	-0,038	0,291
CHR4	6928336	CHR4:6928336	SSF x Far_LoA	-10,725	-0,002	0,294
CHR4	6928669	CHR4:6928669	SSF x Far_LoA	-10,757	-0,114	0,292

CHR4	6930129	CHR4:6930129	SSF x Far_LoA	-9,222	0,085	0,295
CHR4	6931196	CHR4:6931196	SSF x Far_LoA	-8,735	0,020	0,298
CHR4	6931488	CHR4:6931488	SSF x Far_LoA	-8,696	0,106	0,286
CHR4	693492	CHR4:693492	SSF x Far_LoA	-5,557	-0,024	0,280
CHR4	693629	CHR4:693629	SSF x Far_LoA	-7,839	0,143	0,285
CHR4	6952997	CHR4:6952997	SSF x Far_LoA	-10,664	-0,106	0,276
CHR4	7013818	CHR4:7013818	SSF x Far_LoA	-9,025	-0,068	0,295
CHR4	7022365	CHR4:7022365	SSF x Far_LoA	-11,268	-0,027	0,286
CHR4	7032987	CHR4:7032987	SSF x Far_LoA	-9,909	-0,094	0,300
CHR4	7033032	CHR4:7033032	SSF x Far_LoA	-8,838	0,061	0,297
CHR4	7033058	CHR4:7033058	SSF x Far_LoA	-8,040	-0,001	0,304
CHR4	7051883	CHR4:7051883	SSF x Far_LoA	-9,420	0,032	0,285
CHR4	7062004	CHR4:7062004	SSF x Far_LoA	-5,405	-0,123	0,291
CHR4	7064662	CHR4:7064662	SSF x Far_LoA	-9,349	-0,120	0,299
CHR4	7064723	CHR4:7064723	SSF x Far_LoA	-7,907	-0,127	0,290
CHR4	7067198	CHR4:7067198	SSF x Far_LoA	-9,114	0,027	0,306
CHR4	7067204	CHR4:7067204	SSF x Far_LoA	-8,671	0,036	0,301
CHR4	7067211	CHR4:7067211	SSF x Far_LoA	-7,532	0,027	0,301
CHR4	7067223	CHR4:7067223	SSF x Far_LoA	-6,546	-0,091	0,298
CHR4	7067262	CHR4:7067262	SSF x Far_LoA	-6,765	0,040	0,303
CHR4	7067280	CHR4:7067280	SSF x Far_LoA	-10,794	0,035	0,311
CHR4	7067326	CHR4:7067326	SSF x Far_LoA	-3,626	-0,024	0,297
CHR4	7067387	CHR4:7067387	SSF x Far_LoA	-8,029	0,060	0,290
CHR4	7077718	CHR4:7077718	SSF x Far_LoA	-8,308	0,055	0,294
CHR4	7079391	CHR4:7079391	SSF x Far_LoA	-7,961	-0,114	0,295
CHR4	7079615	CHR4:7079615	SSF x Far_LoA	-7,153	0,137	0,278
CHR4	7079795	CHR4:7079795	SSF x Far_LoA	-8,431	0,016	0,300
CHR4	7079805	CHR4:7079805	SSF x Far_LoA	-8,098	0,025	0,307
CHR4	7089460	CHR4:7089460	SSF x Far_LoA	-9,256	0,011	0,285
CHR4	7089463	CHR4:7089463	SSF x Far_LoA	-9,039	0,027	0,289
CHR4	7089465	CHR4:7089465	SSF x Far_LoA	-11,389	-0,024	0,285
CHR4	7089758	CHR4:7089758	SSF x Far_LoA	-8,532	0,109	0,282
CHR4	7094575	CHR4:7094575	SSF x Far_LoA	-9,852	-0,029	0,303
CHR4	709475	CHR4:709475	SSF x Far_LoA	-10,250	-0,076	0,279
CHR4	7108592	CHR4:7108592	SSF x Far_LoA	-10,684	0,033	0,294
CHR4	7108596	CHR4:7108596	SSF x Far_LoA	-9,272	0,049	0,288
CHR4	7108654	CHR4:7108654	SSF x Far_LoA	-10,374	-0,029	0,297
CHR4	7111106	CHR4:7111106	SSF x Far_LoA	-10,953	0,080	0,295
CHR4	716600	CHR4:716600	SSF x Far_LoA	-11,641	0,040	0,285
CHR4	716759	CHR4:716759	SSF x Far_LoA	-10,125	-0,060	0,286
CHR4	719434	CHR4:719434	SSF x Far_LoA	-10,119	-0,056	0,289
CHR4	719527	CHR4:719527	SSF x Far_LoA	-6,807	-0,206	0,274
CHR4	7216900	CHR4:7216900	SSF x Far_LoA	-10,225	0,072	0,282
CHR4	722079	CHR4:722079	SSF x Far_LoA	-8,943	-0,067	0,268
CHR4	7224516	CHR4:7224516	SSF x Far_LoA	-9,278	0,008	0,280
CHR4	7231376	CHR4:7231376	SSF x Far_LoA	-6,314	-0,174	0,289
CHR4	7234604	CHR4:7234604	SSF x Far_LoA	-11,789	0,029	0,291
CHR4	7236638	CHR4:7236638	SSF x Far_LoA	-7,221	-0,050	0,281
CHR4	7236711	CHR4:7236711	SSF x Far_LoA	-10,099	0,157	0,283
CHR4	7238862	CHR4:7238862	SSF x Far_LoA	-11,637	-0,037	0,280
CHR4	7239002	CHR4:7239002	SSF x Far_LoA	-10,274	-0,071	0,288
CHR4	7245755	CHR4:7245755	SSF x Far_LoA	-10,684	-0,037	0,284
CHR4	7245931	CHR4:7245931	SSF x Far_LoA	-10,970	0,006	0,279

CHR4	7246061	CHR4:7246061	SSF x Far_LoA	-9,393	0,026	0,289
CHR4	7254699	CHR4:7254699	SSF x Far_LoA	-1,277	-0,157	0,290
CHR4	7254734	CHR4:7254734	SSF x Far_LoA	-8,640	-0,075	0,288
CHR4	7254771	CHR4:7254771	SSF x Far_LoA	-4,472	0,164	0,282
CHR4	7254817	CHR4:7254817	SSF x Far_LoA	-10,472	0,054	0,281
CHR4	7254846	CHR4:7254846	SSF x Far_LoA	-6,888	-0,136	0,287
CHR4	7266524	CHR4:7266524	SSF x Far_LoA	-9,165	-0,112	0,287
CHR4	7266537	CHR4:7266537	SSF x Far_LoA	-7,200	-0,162	0,280
CHR4	7266629	CHR4:7266629	SSF x Far_LoA	-8,685	-0,127	0,284
CHR4	7266775	CHR4:7266775	SSF x Far_LoA	-10,731	0,088	0,288
CHR4	7266778	CHR4:7266778	SSF x Far_LoA	-10,911	-0,010	0,290
CHR4	7267964	CHR4:7267964	SSF x Far_LoA	-8,585	0,076	0,286
CHR4	7268012	CHR4:7268012	SSF x Far_LoA	-8,662	-0,098	0,298
CHR4	7277491	CHR4:7277491	SSF x Far_LoA	-9,152	0,082	0,290
CHR4	7277655	CHR4:7277655	SSF x Far_LoA	-9,719	-0,008	0,302
CHR4	7277656	CHR4:7277656	SSF x Far_LoA	-7,973	-0,002	0,297
CHR4	7281545	CHR4:7281545	SSF x Far_LoA	-9,644	-0,001	0,297
CHR4	7281577	CHR4:7281577	SSF x Far_LoA	-8,770	-0,019	0,288
CHR4	7281622	CHR4:7281622	SSF x Far_LoA	-8,491	0,025	0,288
CHR4	7281740	CHR4:7281740	SSF x Far_LoA	-7,122	-0,163	0,278
CHR4	7281772	CHR4:7281772	SSF x Far_LoA	-8,485	-0,120	0,286
CHR4	7293994	CHR4:7293994	SSF x Far_LoA	-9,299	0,004	0,289
CHR4	7302189	CHR4:7302189	SSF x Far_LoA	-8,858	-0,046	0,301
CHR4	7302200	CHR4:7302200	SSF x Far_LoA	-10,194	0,047	0,285
CHR4	7311165	CHR4:7311165	SSF x Far_LoA	-3,974	-0,143	0,297
CHR4	7311302	CHR4:7311302	SSF x Far_LoA	-5,973	-0,018	0,299
CHR4	7311541	CHR4:7311541	SSF x Far_LoA	-10,508	-0,036	0,288
CHR4	7336548	CHR4:7336548	SSF x Far_LoA	-11,347	-0,075	0,295
CHR4	7340106	CHR4:7340106	SSF x Far_LoA	-8,836	-0,028	0,310
CHR4	7340133	CHR4:7340133	SSF x Far_LoA	-6,636	-0,172	0,295
CHR4	7381418	CHR4:7381418	SSF x Far_LoA	-1,193	0,095	0,302
CHR4	7381492	CHR4:7381492	SSF x Far_LoA	-7,650	0,082	0,281
CHR4	7381532	CHR4:7381532	SSF x Far_LoA	-7,585	0,114	0,279
CHR4	7381547	CHR4:7381547	SSF x Far_LoA	-10,259	0,070	0,306
CHR4	7391045	CHR4:7391045	SSF x Far_LoA	-9,439	0,181	0,272
CHR4	7391237	CHR4:7391237	SSF x Far_LoA	-5,650	0,143	0,276
CHR4	7391258	CHR4:7391258	SSF x Far_LoA	-9,423	0,088	0,282
CHR4	7401505	CHR4:7401505	SSF x Far_LoA	-11,083	-0,065	0,273
CHR4	741597	CHR4:741597	SSF x Far_LoA	-10,124	0,100	0,284
CHR4	741726	CHR4:741726	SSF x Far_LoA	-12,037	0,026	0,286
CHR4	742954	CHR4:742954	SSF x Far_LoA	-8,698	-0,018	0,295
CHR4	7433671	CHR4:7433671	SSF x Far_LoA	-7,552	0,050	0,297
CHR4	7433861	CHR4:7433861	SSF x Far_LoA	-5,610	0,226	0,286
CHR4	7452178	CHR4:7452178	SSF x Far_LoA	-6,396	-0,131	0,285
CHR4	7452250	CHR4:7452250	SSF x Far_LoA	-8,891	0,019	0,277
CHR4	7475343	CHR4:7475343	SSF x Far_LoA	-8,255	0,114	0,284
CHR4	7475383	CHR4:7475383	SSF x Far_LoA	-10,376	0,081	0,275
CHR4	7475486	CHR4:7475486	SSF x Far_LoA	-9,406	-0,046	0,291
CHR4	7475543	CHR4:7475543	SSF x Far_LoA	-9,030	-0,094	0,286
CHR4	7475600	CHR4:7475600	SSF x Far_LoA	-8,406	-0,076	0,287
CHR4	7477890	CHR4:7477890	SSF x Far_LoA	-7,563	-0,160	0,276
CHR4	7478155	CHR4:7478155	SSF x Far_LoA	-10,283	0,085	0,292
CHR4	7498571	CHR4:7498571	SSF x Far_LoA	-8,585	-0,006	0,289

CHR4	7511372	CHR4:7511372	SSF x Far_LoA	-10,332	0,054	0,265
CHR4	7511414	CHR4:7511414	SSF x Far_LoA	-10,759	0,016	0,298
CHR4	7511475	CHR4:7511475	SSF x Far_LoA	-9,753	-0,047	0,280
CHR4	7511483	CHR4:7511483	SSF x Far_LoA	-9,735	-0,085	0,299
CHR4	7511568	CHR4:7511568	SSF x Far_LoA	-8,254	0,105	0,293
CHR4	7511608	CHR4:7511608	SSF x Far_LoA	-7,233	-0,112	0,295
CHR4	7511615	CHR4:7511615	SSF x Far_LoA	-8,881	-0,079	0,285
CHR4	7511640	CHR4:7511640	SSF x Far_LoA	-9,067	-0,075	0,276
CHR4	7524356	CHR4:7524356	SSF x Far_LoA	-9,015	-0,021	0,306
CHR4	7524369	CHR4:7524369	SSF x Far_LoA	-4,404	-0,012	0,295
CHR4	7524374	CHR4:7524374	SSF x Far_LoA	-9,480	-0,011	0,295
CHR4	7524375	CHR4:7524375	SSF x Far_LoA	-9,251	0,031	0,281
CHR4	7524420	CHR4:7524420	SSF x Far_LoA	-9,383	0,023	0,302
CHR4	753308	CHR4:753308	SSF x Far_LoA	-11,705	-0,086	0,282
CHR4	7536688	CHR4:7536688	SSF x Far_LoA	-10,014	-0,015	0,293
CHR4	7543724	CHR4:7543724	SSF x Far_LoA	-9,837	0,019	0,292
CHR4	7554917	CHR4:7554917	SSF x Far_LoA	-11,053	0,011	0,296
CHR4	7567107	CHR4:7567107	SSF x Far_LoA	-8,666	-0,100	0,294
CHR4	7570846	CHR4:7570846	SSF x Far_LoA	-10,707	0,005	0,269
CHR4	7570966	CHR4:7570966	SSF x Far_LoA	-7,648	0,093	0,285
CHR4	7573418	CHR4:7573418	SSF x Far_LoA	-11,089	0,026	0,268
CHR4	7573461	CHR4:7573461	SSF x Far_LoA	-7,995	0,109	0,287
CHR4	758020	CHR4:758020	SSF x Far_LoA	-9,603	0,098	0,296
CHR4	7586524	CHR4:7586524	SSF x Far_LoA	-7,860	0,007	0,280
CHR4	7590426	CHR4:7590426	SSF x Far_LoA	-9,397	0,016	0,299
CHR4	7590481	CHR4:7590481	SSF x Far_LoA	-9,686	0,121	0,283
CHR4	7595402	CHR4:7595402	SSF x Far_LoA	-10,704	-0,057	0,281
CHR4	7595478	CHR4:7595478	SSF x Far_LoA	-10,652	-0,028	0,290
CHR4	7601340	CHR4:7601340	SSF x Far_LoA	-9,072	0,030	0,292
CHR4	7601395	CHR4:7601395	SSF x Far_LoA	-9,529	0,085	0,296
CHR4	7601398	CHR4:7601398	SSF x Far_LoA	-10,171	-0,109	0,279
CHR4	7601410	CHR4:7601410	SSF x Far_LoA	-11,106	-0,086	0,278
CHR4	7601519	CHR4:7601519	SSF x Far_LoA	-4,454	0,152	0,284
CHR4	7601521	CHR4:7601521	SSF x Far_LoA	-9,005	0,100	0,274
CHR4	7601526	CHR4:7601526	SSF x Far_LoA	-11,262	0,078	0,284
CHR4	7604075	CHR4:7604075	SSF x Far_LoA	-9,542	0,020	0,284
CHR4	7604117	CHR4:7604117	SSF x Far_LoA	-8,928	0,034	0,300
CHR4	7604195	CHR4:7604195	SSF x Far_LoA	-10,672	0,052	0,284
CHR4	7604245	CHR4:7604245	SSF x Far_LoA	-9,177	0,079	0,292
CHR4	7604259	CHR4:7604259	SSF x Far_LoA	-10,110	-0,013	0,290
CHR4	7613800	CHR4:7613800	SSF x Far_LoA	-7,605	-0,165	0,277
CHR4	7613903	CHR4:7613903	SSF x Far_LoA	-6,777	0,176	0,275
CHR4	7613908	CHR4:7613908	SSF x Far_LoA	-6,178	0,161	0,291
CHR4	7613925	CHR4:7613925	SSF x Far_LoA	-11,625	0,033	0,284
CHR4	762703	CHR4:762703	SSF x Far_LoA	-8,075	-0,111	0,289
CHR4	762755	CHR4:762755	SSF x Far_LoA	-7,548	0,082	0,292
CHR4	7627852	CHR4:7627852	SSF x Far_LoA	-6,851	-0,113	0,286
CHR4	7627922	CHR4:7627922	SSF x Far_LoA	-8,051	0,065	0,291
CHR4	762798	CHR4:762798	SSF x Far_LoA	-6,652	0,079	0,288
CHR4	7633705	CHR4:7633705	SSF x Far_LoA	-8,282	0,088	0,290
CHR4	7633947	CHR4:7633947	SSF x Far_LoA	-7,948	-0,123	0,290
CHR4	7634004	CHR4:7634004	SSF x Far_LoA	-5,236	-0,220	0,273
CHR4	7640194	CHR4:7640194	SSF x Far_LoA	-9,367	-0,012	0,275

CHR4	7640270	CHR4:7640270	SSF x Far_LoA	-10,917	0,027	0,282
CHR4	7640274	CHR4:7640274	SSF x Far_LoA	-8,475	0,004	0,292
CHR4	7640357	CHR4:7640357	SSF x Far_LoA	-8,704	-0,096	0,292
CHR4	7685628	CHR4:7685628	SSF x Far_LoA	-9,887	-0,014	0,286
CHR4	7730804	CHR4:7730804	SSF x Far_LoA	-10,154	0,020	0,303
CHR4	773330	CHR4:773330	SSF x Far_LoA	-10,484	-0,001	0,284
CHR4	7734559	CHR4:7734559	SSF x Far_LoA	-9,234	-0,038	0,273
CHR4	7734652	CHR4:7734652	SSF x Far_LoA	-11,367	-0,017	0,279
CHR4	7742816	CHR4:7742816	SSF x Far_LoA	-8,532	0,069	0,293
CHR4	7742954	CHR4:7742954	SSF x Far_LoA	-8,102	0,138	0,278
CHR4	7770627	CHR4:7770627	SSF x Far_LoA	-9,355	0,007	0,289
CHR4	7770634	CHR4:7770634	SSF x Far_LoA	-9,449	0,010	0,290
CHR4	7770731	CHR4:7770731	SSF x Far_LoA	1,024	-0,001	0,286
CHR4	7771608	CHR4:7771608	SSF x Far_LoA	-10,718	-0,015	0,289
CHR4	7771669	CHR4:7771669	SSF x Far_LoA	-10,127	-0,042	0,291
CHR4	7776545	CHR4:7776545	SSF x Far_LoA	-9,221	0,086	0,309
CHR4	7815040	CHR4:7815040	SSF x Far_LoA	-6,773	0,192	0,289
CHR4	7815109	CHR4:7815109	SSF x Far_LoA	-10,991	-0,044	0,283
CHR4	7819697	CHR4:7819697	SSF x Far_LoA	-9,191	0,037	0,284
CHR4	7820579	CHR4:7820579	SSF x Far_LoA	-11,839	-0,008	0,287
CHR4	7832761	CHR4:7832761	SSF x Far_LoA	-10,687	-0,103	0,300
CHR4	7832821	CHR4:7832821	SSF x Far_LoA	-9,497	-0,086	0,293
CHR4	7832837	CHR4:7832837	SSF x Far_LoA	-10,313	-0,073	0,275
CHR4	7834746	CHR4:7834746	SSF x Far_LoA	-4,618	-0,177	0,280
CHR4	7871231	CHR4:7871231	SSF x Far_LoA	-10,228	-0,045	0,283
CHR4	7871289	CHR4:7871289	SSF x Far_LoA	-7,496	-0,060	0,279
CHR4	7871354	CHR4:7871354	SSF x Far_LoA	-11,955	-0,032	0,302
CHR4	7872844	CHR4:7872844	SSF x Far_LoA	-5,620	0,065	0,297
CHR4	7879290	CHR4:7879290	SSF x Far_LoA	-7,434	0,072	0,301
CHR4	7879365	CHR4:7879365	SSF x Far_LoA	-9,119	0,097	0,297
CHR4	7894267	CHR4:7894267	SSF x Far_LoA	-9,240	0,065	0,285
CHR4	7894273	CHR4:7894273	SSF x Far_LoA	-9,008	-0,008	0,291
CHR4	7894368	CHR4:7894368	SSF x Far_LoA	-11,911	0,051	0,285
CHR4	7914129	CHR4:7914129	SSF x Far_LoA	-11,247	-0,024	0,280
CHR4	7914198	CHR4:7914198	SSF x Far_LoA	-9,446	-0,057	0,284
CHR4	7914210	CHR4:7914210	SSF x Far_LoA	-8,439	0,017	0,295
CHR4	7925118	CHR4:7925118	SSF x Far_LoA	-10,734	0,051	0,285
CHR4	7925141	CHR4:7925141	SSF x Far_LoA	-11,334	-0,002	0,284
CHR4	7929082	CHR4:7929082	SSF x Far_LoA	-8,221	-0,025	0,284
CHR4	7929115	CHR4:7929115	SSF x Far_LoA	-8,913	0,064	0,300
CHR4	7929224	CHR4:7929224	SSF x Far_LoA	-6,799	0,084	0,311
CHR4	7940001	CHR4:7940001	SSF x Far_LoA	-9,533	0,057	0,297
CHR4	7940149	CHR4:7940149	SSF x Far_LoA	1,104	0,147	0,285
CHR4	7940157	CHR4:7940157	SSF x Far_LoA	-10,664	0,049	0,276
CHR4	7941194	CHR4:7941194	SSF x Far_LoA	-11,001	0,039	0,307
CHR4	79426	CHR4:79426	SSF x Far_LoA	-9,353	0,184	0,280
CHR4	7953502	CHR4:7953502	SSF x Far_LoA	-9,992	-0,013	0,287
CHR4	7953513	CHR4:7953513	SSF x Far_LoA	-5,625	-0,128	0,289
CHR4	7953540	CHR4:7953540	SSF x Far_LoA	-10,007	0,056	0,286
CHR4	7953553	CHR4:7953553	SSF x Far_LoA	-8,631	0,042	0,302
CHR4	7993145	CHR4:7993145	SSF x Far_LoA	-8,054	0,102	0,295
CHR4	7993149	CHR4:7993149	SSF x Far_LoA	-8,911	0,103	0,298
CHR4	7993182	CHR4:7993182	SSF x Far_LoA	-9,240	0,042	0,296

CHR4	7993292	CHR4:7993292	SSF x Far_LoA	-9,857	-0,066	0,292
CHR4	7993317	CHR4:7993317	SSF x Far_LoA	-7,833	0,005	0,283
CHR4	7993337	CHR4:7993337	SSF x Far_LoA	-8,199	-0,074	0,291
CHR4	801176	CHR4:801176	SSF x Far_LoA	-6,756	0,144	0,301
CHR4	802458	CHR4:802458	SSF x Far_LoA	-7,434	-0,168	0,295
CHR4	8025605	CHR4:8025605	SSF x Far_LoA	-8,159	0,158	0,281
CHR4	8025608	CHR4:8025608	SSF x Far_LoA	-6,303	0,068	0,283
CHR4	8025740	CHR4:8025740	SSF x Far_LoA	-10,847	0,005	0,285
CHR4	8051672	CHR4:8051672	SSF x Far_LoA	-4,227	-0,216	0,272
CHR4	8051917	CHR4:8051917	SSF x Far_LoA	-9,009	0,020	0,290
CHR4	8051930	CHR4:8051930	SSF x Far_LoA	-1,732	-0,097	0,292
CHR4	8064153	CHR4:8064153	SSF x Far_LoA	-9,001	0,115	0,293
CHR4	8064154	CHR4:8064154	SSF x Far_LoA	-8,296	0,091	0,291
CHR4	8064178	CHR4:8064178	SSF x Far_LoA	-9,637	0,019	0,298
CHR4	8075288	CHR4:8075288	SSF x Far_LoA	-7,101	0,093	0,293
CHR4	8075372	CHR4:8075372	SSF x Far_LoA	-10,427	-0,063	0,293
CHR4	80833	CHR4:80833	SSF x Far_LoA	-6,580	0,123	0,277
CHR4	8099179	CHR4:8099179	SSF x Far_LoA	-5,334	0,174	0,279
CHR4	8099449	CHR4:8099449	SSF x Far_LoA	-8,465	-0,083	0,284
CHR4	8148584	CHR4:8148584	SSF x Far_LoA	-9,756	0,083	0,288
CHR4	8148687	CHR4:8148687	SSF x Far_LoA	-7,944	-0,056	0,300
CHR4	8148711	CHR4:8148711	SSF x Far_LoA	-7,072	0,006	0,310
CHR4	8148723	CHR4:8148723	SSF x Far_LoA	-10,218	0,058	0,284
CHR4	8148741	CHR4:8148741	SSF x Far_LoA	-7,530	-0,038	0,293
CHR4	816198	CHR4:816198	SSF x Far_LoA	-6,233	-0,146	0,290
CHR4	816306	CHR4:816306	SSF x Far_LoA	-8,334	0,022	0,297
CHR4	817723	CHR4:817723	SSF x Far_LoA	-5,613	0,153	0,294
CHR4	817775	CHR4:817775	SSF x Far_LoA	-11,283	-0,078	0,284
CHR4	817801	CHR4:817801	SSF x Far_LoA	-4,004	0,117	0,273
CHR4	817824	CHR4:817824	SSF x Far_LoA	-10,075	0,115	0,293
CHR4	817916	CHR4:817916	SSF x Far_LoA	-9,760	0,034	0,283
CHR4	819077	CHR4:819077	SSF x Far_LoA	-9,063	0,008	0,285
CHR4	819212	CHR4:819212	SSF x Far_LoA	-8,509	-0,001	0,303
CHR4	8198167	CHR4:8198167	SSF x Far_LoA	-11,372	0,024	0,309
CHR4	8199968	CHR4:8199968	SSF x Far_LoA	-10,355	0,056	0,288
CHR4	8200034	CHR4:8200034	SSF x Far_LoA	-8,387	-0,024	0,308
CHR4	8200345	CHR4:8200345	SSF x Far_LoA	-9,464	0,055	0,296
CHR4	8207636	CHR4:8207636	SSF x Far_LoA	-5,040	0,067	0,286
CHR4	8207843	CHR4:8207843	SSF x Far_LoA	-7,328	-0,036	0,302
CHR4	8207904	CHR4:8207904	SSF x Far_LoA	-10,456	0,063	0,292
CHR4	8216892	CHR4:8216892	SSF x Far_LoA	-11,275	0,033	0,296
CHR4	8217063	CHR4:8217063	SSF x Far_LoA	-6,137	-0,173	0,290
CHR4	8218176	CHR4:8218176	SSF x Far_LoA	-9,127	0,136	0,281
CHR4	8218206	CHR4:8218206	SSF x Far_LoA	-6,079	0,164	0,267
CHR4	8224010	CHR4:8224010	SSF x Far_LoA	-9,057	0,044	0,272
CHR4	8224037	CHR4:8224037	SSF x Far_LoA	-9,878	0,076	0,288
CHR4	8224093	CHR4:8224093	SSF x Far_LoA	-10,169	-0,083	0,291
CHR4	8224106	CHR4:8224106	SSF x Far_LoA	-9,617	0,046	0,295
CHR4	8224240	CHR4:8224240	SSF x Far_LoA	-11,236	-0,025	0,287
CHR4	8226063	CHR4:8226063	SSF x Far_LoA	-5,364	-0,083	0,293
CHR4	8226083	CHR4:8226083	SSF x Far_LoA	-10,128	0,091	0,284
CHR4	8226115	CHR4:8226115	SSF x Far_LoA	-7,125	0,122	0,287
CHR4	8226228	CHR4:8226228	SSF x Far_LoA	-8,049	0,097	0,287

CHR4	8226264	CHR4:8226264	SSF x Far_LoA	-7,548	0,015	0,300
CHR4	8226339	CHR4:8226339	SSF x Far_LoA	-9,454	0,021	0,285
CHR4	8226357	CHR4:8226357	SSF x Far_LoA	-8,529	-0,062	0,302
CHR4	8226374	CHR4:8226374	SSF x Far_LoA	-9,704	0,042	0,288
CHR4	8226375	CHR4:8226375	SSF x Far_LoA	-8,690	0,057	0,301
CHR4	8238681	CHR4:8238681	SSF x Far_LoA	-10,607	0,042	0,284
CHR4	8238687	CHR4:8238687	SSF x Far_LoA	-8,558	-0,059	0,292
CHR4	8238696	CHR4:8238696	SSF x Far_LoA	-8,142	-0,043	0,288
CHR4	8238737	CHR4:8238737	SSF x Far_LoA	-9,503	-0,039	0,297
CHR4	8249847	CHR4:8249847	SSF x Far_LoA	-9,971	-0,059	0,285
CHR4	8252566	CHR4:8252566	SSF x Far_LoA	-10,270	-0,045	0,287
CHR4	8252648	CHR4:8252648	SSF x Far_LoA	-11,392	-0,052	0,292
CHR4	8270820	CHR4:8270820	SSF x Far_LoA	-7,248	0,057	0,277
CHR4	8290434	CHR4:8290434	SSF x Far_LoA	-11,749	-0,040	0,291
CHR4	8290450	CHR4:8290450	SSF x Far_LoA	-10,262	0,060	0,292
CHR4	8290529	CHR4:8290529	SSF x Far_LoA	-7,944	0,037	0,303
CHR4	8290530	CHR4:8290530	SSF x Far_LoA	-9,692	0,003	0,274
CHR4	8290595	CHR4:8290595	SSF x Far_LoA	-9,580	0,027	0,280
CHR4	8290692	CHR4:8290692	SSF x Far_LoA	-11,570	0,047	0,291
CHR4	829873	CHR4:829873	SSF x Far_LoA	-7,637	-0,116	0,285
CHR4	829882	CHR4:829882	SSF x Far_LoA	-9,384	0,024	0,287
CHR4	829942	CHR4:829942	SSF x Far_LoA	-11,063	-0,068	0,274
CHR4	829943	CHR4:829943	SSF x Far_LoA	-10,012	-0,066	0,288
CHR4	829944	CHR4:829944	SSF x Far_LoA	-10,088	-0,061	0,275
CHR4	829972	CHR4:829972	SSF x Far_LoA	-9,805	-0,068	0,288
CHR4	8307117	CHR4:8307117	SSF x Far_LoA	-9,112	0,000	0,287
CHR4	8307286	CHR4:8307286	SSF x Far_LoA	-9,590	-0,031	0,284
CHR4	8307359	CHR4:8307359	SSF x Far_LoA	-8,961	0,044	0,290
CHR4	8307361	CHR4:8307361	SSF x Far_LoA	-9,051	0,015	0,304
CHR4	8309121	CHR4:8309121	SSF x Far_LoA	-9,807	-0,006	0,288
CHR4	8309127	CHR4:8309127	SSF x Far_LoA	-11,420	0,055	0,285
CHR4	8309314	CHR4:8309314	SSF x Far_LoA	-10,857	-0,043	0,288
CHR4	8312351	CHR4:8312351	SSF x Far_LoA	-10,157	-0,108	0,282
CHR4	8312542	CHR4:8312542	SSF x Far_LoA	-11,285	-0,031	0,295
CHR4	8312605	CHR4:8312605	SSF x Far_LoA	-7,828	-0,141	0,271
CHR4	8319529	CHR4:8319529	SSF x Far_LoA	-11,035	0,115	0,286
CHR4	8319588	CHR4:8319588	SSF x Far_LoA	-12,153	0,017	0,287
CHR4	8319738	CHR4:8319738	SSF x Far_LoA	-9,376	0,019	0,293
CHR4	8319955	CHR4:8319955	SSF x Far_LoA	-8,556	0,050	0,292
CHR4	8319962	CHR4:8319962	SSF x Far_LoA	-9,352	0,027	0,296
CHR4	8358810	CHR4:8358810	SSF x Far_LoA	-5,560	0,122	0,297
CHR4	8359870	CHR4:8359870	SSF x Far_LoA	-7,904	-0,055	0,300
CHR4	8359938	CHR4:8359938	SSF x Far_LoA	-8,667	-0,019	0,307
CHR4	8360021	CHR4:8360021	SSF x Far_LoA	-8,906	-0,136	0,284
CHR4	8366836	CHR4:8366836	SSF x Far_LoA	-8,140	-0,076	0,281
CHR4	8366907	CHR4:8366907	SSF x Far_LoA	-7,320	-0,134	0,292
CHR4	8366927	CHR4:8366927	SSF x Far_LoA	-9,476	0,031	0,294
CHR4	8366998	CHR4:8366998	SSF x Far_LoA	-7,379	-0,140	0,286
CHR4	8373709	CHR4:8373709	SSF x Far_LoA	-8,922	-0,011	0,279
CHR4	8373743	CHR4:8373743	SSF x Far_LoA	-9,687	0,036	0,288
CHR4	8373793	CHR4:8373793	SSF x Far_LoA	-9,270	-0,053	0,291
CHR4	8373806	CHR4:8373806	SSF x Far_LoA	-11,114	-0,040	0,279
CHR4	8373888	CHR4:8373888	SSF x Far_LoA	-10,117	-0,041	0,304

CHR4	8373897	CHR4:8373897	SSF x Far_LoA	-10,260	-0,020	0,283
CHR4	8378034	CHR4:8378034	SSF x Far_LoA	-8,397	0,116	0,270
CHR4	8378042	CHR4:8378042	SSF x Far_LoA	-8,434	0,074	0,284
CHR4	8378118	CHR4:8378118	SSF x Far_LoA	-7,857	-0,046	0,295
CHR4	8378134	CHR4:8378134	SSF x Far_LoA	-9,062	-0,033	0,283
CHR4	8378135	CHR4:8378135	SSF x Far_LoA	-11,314	-0,029	0,277
CHR4	8378154	CHR4:8378154	SSF x Far_LoA	-8,218	0,033	0,304
CHR4	8378271	CHR4:8378271	SSF x Far_LoA	-7,824	-0,027	0,308
CHR4	8383003	CHR4:8383003	SSF x Far_LoA	-10,839	-0,004	0,285
CHR4	8383085	CHR4:8383085	SSF x Far_LoA	-7,878	0,008	0,300
CHR4	8391200	CHR4:8391200	SSF x Far_LoA	-10,459	-0,087	0,297
CHR4	8391201	CHR4:8391201	SSF x Far_LoA	-8,444	-0,113	0,280
CHR4	8391263	CHR4:8391263	SSF x Far_LoA	-11,084	0,059	0,296
CHR4	8391405	CHR4:8391405	SSF x Far_LoA	-7,970	-0,025	0,279
CHR4	8391416	CHR4:8391416	SSF x Far_LoA	-9,833	-0,068	0,285
CHR4	8391461	CHR4:8391461	SSF x Far_LoA	-7,445	0,075	0,284
CHR4	8399369	CHR4:8399369	SSF x Far_LoA	-10,470	-0,023	0,303
CHR4	8399467	CHR4:8399467	SSF x Far_LoA	-7,491	0,060	0,301
CHR4	8403303	CHR4:8403303	SSF x Far_LoA	-9,095	-0,079	0,304
CHR4	8403304	CHR4:8403304	SSF x Far_LoA	-8,018	0,092	0,294
CHR4	8403316	CHR4:8403316	SSF x Far_LoA	-6,267	0,184	0,281
CHR4	8403399	CHR4:8403399	SSF x Far_LoA	-12,181	0,034	0,286
CHR4	8403408	CHR4:8403408	SSF x Far_LoA	-11,602	0,018	0,293
CHR4	8403412	CHR4:8403412	SSF x Far_LoA	-11,722	0,009	0,298
CHR4	8403453	CHR4:8403453	SSF x Far_LoA	-6,467	0,120	0,275
CHR4	8403527	CHR4:8403527	SSF x Far_LoA	-7,513	-0,160	0,292
CHR4	8403533	CHR4:8403533	SSF x Far_LoA	-9,927	0,004	0,285
CHR4	8413707	CHR4:8413707	SSF x Far_LoA	-10,474	0,072	0,286
CHR4	8416569	CHR4:8416569	SSF x Far_LoA	-9,649	0,079	0,291
CHR4	8416641	CHR4:8416641	SSF x Far_LoA	-9,797	0,101	0,293
CHR4	8416719	CHR4:8416719	SSF x Far_LoA	-7,804	-0,043	0,287
CHR4	8420267	CHR4:8420267	SSF x Far_LoA	-10,515	-0,113	0,302
CHR4	8420289	CHR4:8420289	SSF x Far_LoA	-8,978	-0,009	0,303
CHR4	843232	CHR4:843232	SSF x Far_LoA	-9,553	0,066	0,290
CHR4	843460	CHR4:843460	SSF x Far_LoA	-7,880	-0,014	0,297
CHR4	8441686	CHR4:8441686	SSF x Far_LoA	-10,714	-0,106	0,298
CHR4	844560	CHR4:844560	SSF x Far_LoA	-8,813	0,052	0,292
CHR4	844585	CHR4:844585	SSF x Far_LoA	-9,118	-0,010	0,301
CHR4	8448953	CHR4:8448953	SSF x Far_LoA	-7,107	0,109	0,301
CHR4	8448954	CHR4:8448954	SSF x Far_LoA	0,459	0,068	0,297
CHR4	8456244	CHR4:8456244	SSF x Far_LoA	-8,767	0,160	0,278
CHR4	8470406	CHR4:8470406	SSF x Far_LoA	-11,476	0,016	0,289
CHR4	8470450	CHR4:8470450	SSF x Far_LoA	-2,775	0,100	0,292
CHR4	8470495	CHR4:8470495	SSF x Far_LoA	-8,318	0,113	0,297
CHR4	8470505	CHR4:8470505	SSF x Far_LoA	-9,310	0,130	0,302
CHR4	8470548	CHR4:8470548	SSF x Far_LoA	-7,500	-0,119	0,285
CHR4	8482147	CHR4:8482147	SSF x Far_LoA	-11,485	0,090	0,286
CHR4	8482223	CHR4:8482223	SSF x Far_LoA	-9,264	-0,070	0,283
CHR4	8482235	CHR4:8482235	SSF x Far_LoA	-10,349	0,033	0,289
CHR4	8490635	CHR4:8490635	SSF x Far_LoA	-7,136	0,038	0,291
CHR4	8506895	CHR4:8506895	SSF x Far_LoA	-8,052	-0,064	0,284
CHR4	8507090	CHR4:8507090	SSF x Far_LoA	-9,116	-0,031	0,287
CHR4	8507119	CHR4:8507119	SSF x Far_LoA	-7,741	-0,014	0,285

CHR4	8510641	CHR4:8510641	SSF x Far_LoA	-6,083	0,149	0,286
CHR4	8510650	CHR4:8510650	SSF x Far_LoA	3,317	0,190	0,267
CHR4	8510773	CHR4:8510773	SSF x Far_LoA	-7,967	0,102	0,273
CHR4	8510887	CHR4:8510887	SSF x Far_LoA	-11,954	0,068	0,300
CHR4	8543318	CHR4:8543318	SSF x Far_LoA	-9,040	0,018	0,308
CHR4	8544899	CHR4:8544899	SSF x Far_LoA	-4,059	0,037	0,284
CHR4	8544926	CHR4:8544926	SSF x Far_LoA	-8,535	-0,115	0,299
CHR4	8544934	CHR4:8544934	SSF x Far_LoA	-8,175	0,066	0,280
CHR4	8560383	CHR4:8560383	SSF x Far_LoA	-7,598	0,059	0,294
CHR4	8560450	CHR4:8560450	SSF x Far_LoA	-8,501	0,073	0,294
CHR4	8560476	CHR4:8560476	SSF x Far_LoA	-9,222	-0,011	0,290
CHR4	8560496	CHR4:8560496	SSF x Far_LoA	-1,020	0,134	0,277
CHR4	8560527	CHR4:8560527	SSF x Far_LoA	-10,240	0,048	0,280
CHR4	8560626	CHR4:8560626	SSF x Far_LoA	-8,962	0,114	0,277
CHR4	8560632	CHR4:8560632	SSF x Far_LoA	-10,056	0,000	0,295
CHR4	8560685	CHR4:8560685	SSF x Far_LoA	-8,370	0,058	0,295
CHR4	8560690	CHR4:8560690	SSF x Far_LoA	-8,569	-0,045	0,300
CHR4	8560698	CHR4:8560698	SSF x Far_LoA	-7,599	0,049	0,302
CHR4	8560701	CHR4:8560701	SSF x Far_LoA	-9,795	0,041	0,285
CHR4	8560709	CHR4:8560709	SSF x Far_LoA	-9,943	0,060	0,290
CHR4	859297	CHR4:859297	SSF x Far_LoA	-10,507	-0,007	0,293
CHR4	859308	CHR4:859308	SSF x Far_LoA	-10,340	0,003	0,280
CHR4	859427	CHR4:859427	SSF x Far_LoA	-9,433	0,026	0,297
CHR4	859476	CHR4:859476	SSF x Far_LoA	-8,098	-0,121	0,296
CHR4	861022	CHR4:861022	SSF x Far_LoA	-7,544	-0,028	0,284
CHR4	8613315	CHR4:8613315	SSF x Far_LoA	-9,268	0,003	0,291
CHR4	8613417	CHR4:8613417	SSF x Far_LoA	-11,796	-0,044	0,291
CHR4	8643068	CHR4:8643068	SSF x Far_LoA	-10,555	-0,092	0,276
CHR4	8643163	CHR4:8643163	SSF x Far_LoA	-10,463	-0,063	0,294
CHR4	8643187	CHR4:8643187	SSF x Far_LoA	-9,765	-0,030	0,300
CHR4	8647576	CHR4:8647576	SSF x Far_LoA	-9,629	-0,005	0,290
CHR4	8647596	CHR4:8647596	SSF x Far_LoA	-9,590	0,038	0,293
CHR4	8682310	CHR4:8682310	SSF x Far_LoA	-7,908	0,022	0,283
CHR4	8682495	CHR4:8682495	SSF x Far_LoA	-11,124	0,005	0,300
CHR4	8682533	CHR4:8682533	SSF x Far_LoA	-10,305	-0,024	0,285
CHR4	8687430	CHR4:8687430	SSF x Far_LoA	-11,087	-0,023	0,295
CHR4	8687446	CHR4:8687446	SSF x Far_LoA	-10,681	0,007	0,298
CHR4	8687466	CHR4:8687466	SSF x Far_LoA	-9,246	0,008	0,299
CHR4	8687482	CHR4:8687482	SSF x Far_LoA	-8,960	0,094	0,294
CHR4	8687494	CHR4:8687494	SSF x Far_LoA	-9,129	0,043	0,295
CHR4	8687497	CHR4:8687497	SSF x Far_LoA	-10,451	-0,045	0,288
CHR4	8687543	CHR4:8687543	SSF x Far_LoA	-10,983	-0,053	0,287
CHR4	8687565	CHR4:8687565	SSF x Far_LoA	-5,972	0,106	0,282
CHR4	8687574	CHR4:8687574	SSF x Far_LoA	-9,866	-0,045	0,283
CHR4	8687587	CHR4:8687587	SSF x Far_LoA	-8,692	0,106	0,282
CHR4	8708875	CHR4:8708875	SSF x Far_LoA	-9,148	-0,046	0,290
CHR4	8709016	CHR4:8709016	SSF x Far_LoA	-7,434	0,230	0,272
CHR4	8709097	CHR4:8709097	SSF x Far_LoA	-10,904	-0,017	0,291
CHR4	8709150	CHR4:8709150	SSF x Far_LoA	-10,740	-0,037	0,301
CHR4	8724727	CHR4:8724727	SSF x Far_LoA	-11,611	-0,052	0,290
CHR4	872872	CHR4:872872	SSF x Far_LoA	-10,073	0,052	0,295
CHR4	872876	CHR4:872876	SSF x Far_LoA	-5,039	-0,139	0,283
CHR4	872903	CHR4:872903	SSF x Far_LoA	-9,001	-0,138	0,293

CHR4	872961	CHR4:872961	SSF x Far_LoA	-9,447	0,037	0,295
CHR4	8740945	CHR4:8740945	SSF x Far_LoA	-1,521	0,079	0,287
CHR4	8740968	CHR4:8740968	SSF x Far_LoA	-8,307	0,043	0,291
CHR4	8765052	CHR4:8765052	SSF x Far_LoA	-11,152	-0,032	0,280
CHR4	8766253	CHR4:8766253	SSF x Far_LoA	-9,594	-0,091	0,285
CHR4	8770836	CHR4:8770836	SSF x Far_LoA	-10,367	0,080	0,278
CHR4	8783679	CHR4:8783679	SSF x Far_LoA	-11,368	0,026	0,274
CHR4	8788041	CHR4:8788041	SSF x Far_LoA	-8,603	-0,105	0,295
CHR4	8788064	CHR4:8788064	SSF x Far_LoA	-10,098	-0,120	0,288
CHR4	8788212	CHR4:8788212	SSF x Far_LoA	-9,990	-0,004	0,314
CHR4	8790327	CHR4:8790327	SSF x Far_LoA	-8,403	0,030	0,276
CHR4	8794322	CHR4:8794322	SSF x Far_LoA	-8,414	0,062	0,299
CHR4	8827047	CHR4:8827047	SSF x Far_LoA	-8,996	-0,143	0,284
CHR4	8830512	CHR4:8830512	SSF x Far_LoA	-7,923	0,090	0,256
CHR4	8830560	CHR4:8830560	SSF x Far_LoA	-8,187	0,046	0,274
CHR4	8830677	CHR4:8830677	SSF x Far_LoA	-5,594	-0,171	0,292
CHR4	8830711	CHR4:8830711	SSF x Far_LoA	-10,121	0,042	0,284
CHR4	8832476	CHR4:8832476	SSF x Far_LoA	-8,196	-0,119	0,287
CHR4	8832490	CHR4:8832490	SSF x Far_LoA	-7,289	-0,058	0,283
CHR4	8835517	CHR4:8835517	SSF x Far_LoA	-11,834	0,079	0,279
CHR4	8835576	CHR4:8835576	SSF x Far_LoA	-4,839	0,112	0,277
CHR4	8843674	CHR4:8843674	SSF x Far_LoA	-10,791	0,030	0,298
CHR4	8843677	CHR4:8843677	SSF x Far_LoA	-8,156	0,125	0,287
CHR4	8843709	CHR4:8843709	SSF x Far_LoA	-10,777	0,058	0,295
CHR4	8843764	CHR4:8843764	SSF x Far_LoA	-11,608	0,010	0,295
CHR4	8843956	CHR4:8843956	SSF x Far_LoA	-6,124	0,054	0,303
CHR4	8847233	CHR4:8847233	SSF x Far_LoA	-8,804	0,039	0,306
CHR4	8854785	CHR4:8854785	SSF x Far_LoA	-6,679	-0,134	0,286
CHR4	8854815	CHR4:8854815	SSF x Far_LoA	-10,765	0,035	0,289
CHR4	8855044	CHR4:8855044	SSF x Far_LoA	-8,152	-0,013	0,282
CHR4	8855128	CHR4:8855128	SSF x Far_LoA	-8,939	0,051	0,288
CHR4	8868829	CHR4:8868829	SSF x Far_LoA	-9,863	0,088	0,297
CHR4	8869033	CHR4:8869033	SSF x Far_LoA	-9,374	-0,009	0,280
CHR4	8949913	CHR4:8949913	SSF x Far_LoA	-9,808	-0,143	0,273
CHR4	8949963	CHR4:8949963	SSF x Far_LoA	-10,559	-0,087	0,279
CHR4	8950048	CHR4:8950048	SSF x Far_LoA	-11,629	0,029	0,293
CHR4	8958219	CHR4:8958219	SSF x Far_LoA	-3,919	-0,232	0,278
CHR4	8958232	CHR4:8958232	SSF x Far_LoA	-11,402	0,039	0,295
CHR4	8958282	CHR4:8958282	SSF x Far_LoA	-7,177	0,010	0,280
CHR4	8958285	CHR4:8958285	SSF x Far_LoA	-9,526	0,108	0,290
CHR4	8958591	CHR4:8958591	SSF x Far_LoA	-11,636	0,010	0,287
CHR4	8958610	CHR4:8958610	SSF x Far_LoA	-9,253	0,066	0,277
CHR4	8969363	CHR4:8969363	SSF x Far_LoA	-7,678	-0,063	0,314
CHR4	8969393	CHR4:8969393	SSF x Far_LoA	-11,048	0,005	0,306
CHR4	8969501	CHR4:8969501	SSF x Far_LoA	-6,961	-0,080	0,282
CHR4	8972576	CHR4:8972576	SSF x Far_LoA	-9,089	-0,056	0,297
CHR4	8972589	CHR4:8972589	SSF x Far_LoA	-10,258	-0,031	0,290
CHR4	8977370	CHR4:8977370	SSF x Far_LoA	-9,675	0,082	0,294
CHR4	8977441	CHR4:8977441	SSF x Far_LoA	-10,956	-0,058	0,292
CHR4	8977544	CHR4:8977544	SSF x Far_LoA	-10,968	0,008	0,296
CHR4	8982778	CHR4:8982778	SSF x Far_LoA	-8,813	-0,040	0,295
CHR4	8982803	CHR4:8982803	SSF x Far_LoA	-10,382	0,032	0,294
CHR4	8982817	CHR4:8982817	SSF x Far_LoA	-9,436	-0,057	0,284

CHR4	8988632	CHR4:8988632	SSF x Far_LoA	-0,609	-0,151	0,285
CHR4	9000258	CHR4:9000258	SSF x Far_LoA	-7,294	0,122	0,280
CHR4	9000413	CHR4:9000413	SSF x Far_LoA	-10,288	-0,008	0,297
CHR4	9000583	CHR4:9000583	SSF x Far_LoA	-7,622	-0,063	0,290
CHR4	9004809	CHR4:9004809	SSF x Far_LoA	-10,708	-0,123	0,302
CHR4	9004871	CHR4:9004871	SSF x Far_LoA	-10,737	-0,131	0,293
CHR4	9004902	CHR4:9004902	SSF x Far_LoA	-11,234	-0,030	0,277
CHR4	900952	CHR4:900952	SSF x Far_LoA	-10,767	0,107	0,289
CHR4	900959	CHR4:900959	SSF x Far_LoA	-9,228	-0,014	0,282
CHR4	9018640	CHR4:9018640	SSF x Far_LoA	-10,761	-0,009	0,287
CHR4	9018799	CHR4:9018799	SSF x Far_LoA	-2,568	-0,193	0,280
CHR4	9018806	CHR4:9018806	SSF x Far_LoA	-11,041	-0,043	0,283
CHR4	904288	CHR4:904288	SSF x Far_LoA	-8,976	-0,156	0,283
CHR4	904627	CHR4:904627	SSF x Far_LoA	-5,935	-0,138	0,286
CHR4	9048023	CHR4:9048023	SSF x Far_LoA	-9,465	0,012	0,291
CHR4	9053483	CHR4:9053483	SSF x Far_LoA	-7,500	-0,063	0,296
CHR4	9053700	CHR4:9053700	SSF x Far_LoA	-8,552	-0,108	0,294
CHR4	9053703	CHR4:9053703	SSF x Far_LoA	-10,651	-0,103	0,284
CHR4	9056952	CHR4:9056952	SSF x Far_LoA	-9,187	0,031	0,281
CHR4	9056962	CHR4:9056962	SSF x Far_LoA	-3,969	-0,132	0,284
CHR4	9056986	CHR4:9056986	SSF x Far_LoA	-8,705	0,175	0,286
CHR4	9057012	CHR4:9057012	SSF x Far_LoA	-5,998	0,152	0,295
CHR4	9057040	CHR4:9057040	SSF x Far_LoA	-8,614	-0,057	0,295
CHR4	9057724	CHR4:9057724	SSF x Far_LoA	-8,549	0,011	0,305
CHR4	9059814	CHR4:9059814	SSF x Far_LoA	-10,891	-0,029	0,288
CHR4	9062306	CHR4:9062306	SSF x Far_LoA	-11,578	0,099	0,284
CHR4	9062310	CHR4:9062310	SSF x Far_LoA	-10,514	0,069	0,275
CHR4	9069255	CHR4:9069255	SSF x Far_LoA	-11,970	0,028	0,295
CHR4	9069264	CHR4:9069264	SSF x Far_LoA	-5,785	0,005	0,296
CHR4	9069366	CHR4:9069366	SSF x Far_LoA	-8,785	0,049	0,280
CHR4	9069420	CHR4:9069420	SSF x Far_LoA	-9,555	0,096	0,288
CHR4	9073903	CHR4:9073903	SSF x Far_LoA	3,598	-0,129	0,290
CHR4	9073958	CHR4:9073958	SSF x Far_LoA	-7,983	-0,090	0,298
CHR4	9082404	CHR4:9082404	SSF x Far_LoA	-8,444	-0,013	0,295
CHR4	9084599	CHR4:9084599	SSF x Far_LoA	-9,635	-0,055	0,284
CHR4	9084657	CHR4:9084657	SSF x Far_LoA	-9,483	0,127	0,271
CHR4	9084778	CHR4:9084778	SSF x Far_LoA	-9,450	-0,064	0,280
CHR4	9084933	CHR4:9084933	SSF x Far_LoA	-8,292	0,122	0,287
CHR4	9111610	CHR4:9111610	SSF x Far_LoA	-12,351	-0,029	0,286
CHR4	9123059	CHR4:9123059	SSF x Far_LoA	-8,800	-0,050	0,300
CHR4	9123077	CHR4:9123077	SSF x Far_LoA	-10,041	-0,062	0,308
CHR4	9123344	CHR4:9123344	SSF x Far_LoA	-3,203	-0,066	0,293
CHR4	9130466	CHR4:9130466	SSF x Far_LoA	-6,763	0,183	0,282
CHR4	9130537	CHR4:9130537	SSF x Far_LoA	-7,711	0,067	0,298
CHR4	9130565	CHR4:9130565	SSF x Far_LoA	-8,782	0,107	0,293
CHR4	9132132	CHR4:9132132	SSF x Far_LoA	-5,937	-0,124	0,283
CHR4	9132339	CHR4:9132339	SSF x Far_LoA	-9,445	-0,043	0,281
CHR4	9132825	CHR4:9132825	SSF x Far_LoA	-10,054	-0,050	0,296
CHR4	9132957	CHR4:9132957	SSF x Far_LoA	-6,965	-0,136	0,300
CHR4	9178379	CHR4:9178379	SSF x Far_LoA	-3,483	-0,207	0,271
CHR4	9178444	CHR4:9178444	SSF x Far_LoA	-10,365	-0,003	0,300
CHR4	9178540	CHR4:9178540	SSF x Far_LoA	-8,528	0,086	0,281
CHR4	9178606	CHR4:9178606	SSF x Far_LoA	-8,635	0,041	0,290

CHR4	9194107	CHR4:9194107	SSF x Far_LoA	-10,596	0,042	0,293
CHR4	9224403	CHR4:9224403	SSF x Far_LoA	-9,591	0,078	0,302
CHR4	9266734	CHR4:9266734	SSF x Far_LoA	-10,536	-0,013	0,295
CHR4	927632	CHR4:927632	SSF x Far_LoA	-11,169	-0,118	0,276
CHR4	927747	CHR4:927747	SSF x Far_LoA	-8,117	0,083	0,303
CHR4	927763	CHR4:927763	SSF x Far_LoA	-9,449	0,079	0,290
CHR4	927788	CHR4:927788	SSF x Far_LoA	-8,046	-0,046	0,289
CHR4	9279909	CHR4:9279909	SSF x Far_LoA	-11,036	-0,005	0,289
CHR4	932383	CHR4:932383	SSF x Far_LoA	-6,651	-0,131	0,292
CHR4	932401	CHR4:932401	SSF x Far_LoA	-10,482	0,053	0,284
CHR4	932421	CHR4:932421	SSF x Far_LoA	-7,265	0,147	0,292
CHR4	932587	CHR4:932587	SSF x Far_LoA	-4,776	0,134	0,292
CHR4	932611	CHR4:932611	SSF x Far_LoA	-10,978	0,160	0,270
CHR4	932674	CHR4:932674	SSF x Far_LoA	-6,463	-0,108	0,291
CHR4	9381117	CHR4:9381117	SSF x Far_LoA	-8,936	-0,067	0,288
CHR4	9386310	CHR4:9386310	SSF x Far_LoA	-9,000	-0,074	0,277
CHR4	9386336	CHR4:9386336	SSF x Far_LoA	-3,991	-0,163	0,288
CHR4	9386351	CHR4:9386351	SSF x Far_LoA	-10,516	-0,008	0,288
CHR4	9420743	CHR4:9420743	SSF x Far_LoA	-5,900	-0,023	0,274
CHR4	9424322	CHR4:9424322	SSF x Far_LoA	-7,624	-0,016	0,275
CHR4	9430011	CHR4:9430011	SSF x Far_LoA	-10,463	-0,084	0,293
CHR4	9430030	CHR4:9430030	SSF x Far_LoA	-10,075	-0,041	0,283
CHR4	9472876	CHR4:9472876	SSF x Far_LoA	-10,439	0,113	0,284
CHR4	9472939	CHR4:9472939	SSF x Far_LoA	-4,895	0,136	0,284
CHR4	9487615	CHR4:9487615	SSF x Far_LoA	-9,051	0,166	0,277
CHR4	9487636	CHR4:9487636	SSF x Far_LoA	-8,710	0,082	0,284
CHR4	9487861	CHR4:9487861	SSF x Far_LoA	-10,064	-0,099	0,293
CHR4	9491150	CHR4:9491150	SSF x Far_LoA	-8,875	0,127	0,301
CHR4	9491155	CHR4:9491155	SSF x Far_LoA	-11,097	0,027	0,286
CHR4	9491233	CHR4:9491233	SSF x Far_LoA	-8,541	0,071	0,284
CHR4	9491234	CHR4:9491234	SSF x Far_LoA	-8,645	0,057	0,280
CHR4	9491258	CHR4:9491258	SSF x Far_LoA	-8,042	0,106	0,293
CHR4	9491279	CHR4:9491279	SSF x Far_LoA	-10,352	0,050	0,296
CHR4	9491289	CHR4:9491289	SSF x Far_LoA	-6,179	0,158	0,281
CHR4	9491316	CHR4:9491316	SSF x Far_LoA	-8,248	-0,016	0,293
CHR4	949491	CHR4:949491	SSF x Far_LoA	-9,317	-0,006	0,300
CHR4	949530	CHR4:949530	SSF x Far_LoA	-8,889	-0,094	0,299
CHR4	949555	CHR4:949555	SSF x Far_LoA	-8,693	-0,165	0,271
CHR4	9497646	CHR4:9497646	SSF x Far_LoA	-8,921	-0,082	0,288
CHR4	9497657	CHR4:9497657	SSF x Far_LoA	-8,665	0,081	0,280
CHR4	9497695	CHR4:9497695	SSF x Far_LoA	-7,301	0,110	0,279
CHR4	9497700	CHR4:9497700	SSF x Far_LoA	-9,497	-0,017	0,293
CHR4	9497711	CHR4:9497711	SSF x Far_LoA	-8,128	0,079	0,298
CHR4	9519611	CHR4:9519611	SSF x Far_LoA	-11,410	0,033	0,288
CHR4	9519636	CHR4:9519636	SSF x Far_LoA	-9,096	-0,042	0,294
CHR4	9519649	CHR4:9519649	SSF x Far_LoA	-5,541	-0,063	0,282
CHR4	9519752	CHR4:9519752	SSF x Far_LoA	-8,698	0,083	0,291
CHR4	9519758	CHR4:9519758	SSF x Far_LoA	-3,681	-0,108	0,279
CHR4	9519774	CHR4:9519774	SSF x Far_LoA	-11,736	-0,056	0,307
CHR4	9519787	CHR4:9519787	SSF x Far_LoA	-5,566	-0,085	0,291
CHR4	9519790	CHR4:9519790	SSF x Far_LoA	-8,563	-0,063	0,301
CHR4	9537313	CHR4:9537313	SSF x Far_LoA	-10,257	-0,002	0,281
CHR4	9537386	CHR4:9537386	SSF x Far_LoA	-3,891	0,070	0,288

CHR4	9537608	CHR4:9537608	SSF x Far_LoA	-8,560	0,022	0,299
CHR4	9548910	CHR4:9548910	SSF x Far_LoA	-3,900	0,090	0,302
CHR4	9548962	CHR4:9548962	SSF x Far_LoA	-2,549	0,202	0,285
CHR4	9549270	CHR4:9549270	SSF x Far_LoA	-9,428	-0,117	0,297
CHR4	9550415	CHR4:9550415	SSF x Far_LoA	-7,008	-0,067	0,293
CHR4	9550437	CHR4:9550437	SSF x Far_LoA	-8,412	0,013	0,307
CHR4	9550444	CHR4:9550444	SSF x Far_LoA	-8,464	0,025	0,295
CHR4	9550458	CHR4:9550458	SSF x Far_LoA	-7,441	0,013	0,283
CHR4	9550493	CHR4:9550493	SSF x Far_LoA	-9,576	-0,045	0,286
CHR4	9550605	CHR4:9550605	SSF x Far_LoA	-7,918	-0,091	0,300
CHR4	9551780	CHR4:9551780	SSF x Far_LoA	-6,535	-0,135	0,293
CHR4	9551786	CHR4:9551786	SSF x Far_LoA	-7,251	0,071	0,289
CHR4	9551874	CHR4:9551874	SSF x Far_LoA	-8,055	-0,051	0,287
CHR4	9551875	CHR4:9551875	SSF x Far_LoA	-7,064	-0,057	0,290
CHR4	9551895	CHR4:9551895	SSF x Far_LoA	-10,216	0,041	0,287
CHR4	9551961	CHR4:9551961	SSF x Far_LoA	-10,723	0,131	0,289
CHR4	9558144	CHR4:9558144	SSF x Far_LoA	-6,436	0,099	0,306
CHR4	9558161	CHR4:9558161	SSF x Far_LoA	-8,887	0,006	0,309
CHR4	9558182	CHR4:9558182	SSF x Far_LoA	-7,104	0,063	0,298
CHR4	9558255	CHR4:9558255	SSF x Far_LoA	-9,604	-0,037	0,297
CHR4	9558300	CHR4:9558300	SSF x Far_LoA	0,963	-0,003	0,297
CHR4	9559988	CHR4:9559988	SSF x Far_LoA	-9,538	0,012	0,297
CHR4	9565123	CHR4:9565123	SSF x Far_LoA	-9,639	0,029	0,285
CHR4	9570700	CHR4:9570700	SSF x Far_LoA	-8,954	0,047	0,307
CHR4	9571553	CHR4:9571553	SSF x Far_LoA	-9,397	-0,056	0,293
CHR4	9571687	CHR4:9571687	SSF x Far_LoA	-7,725	-0,027	0,300
CHR4	9574920	CHR4:9574920	SSF x Far_LoA	-10,327	-0,050	0,280
CHR4	9575084	CHR4:9575084	SSF x Far_LoA	-8,103	0,138	0,301
CHR4	9576805	CHR4:9576805	SSF x Far_LoA	-4,385	-0,122	0,287
CHR4	9576946	CHR4:9576946	SSF x Far_LoA	-8,078	0,080	0,292
CHR4	9582654	CHR4:9582654	SSF x Far_LoA	-10,606	-0,060	0,297
CHR4	9603908	CHR4:9603908	SSF x Far_LoA	-5,055	0,060	0,310
CHR4	9603928	CHR4:9603928	SSF x Far_LoA	-8,406	-0,001	0,292
CHR4	9603945	CHR4:9603945	SSF x Far_LoA	-8,859	-0,005	0,313
CHR4	9604003	CHR4:9604003	SSF x Far_LoA	-7,801	-0,067	0,302
CHR4	9604059	CHR4:9604059	SSF x Far_LoA	-8,519	-0,076	0,294
CHR4	9613585	CHR4:9613585	SSF x Far_LoA	-9,746	-0,045	0,286
CHR4	9613690	CHR4:9613690	SSF x Far_LoA	-4,000	-0,114	0,295
CHR4	9621351	CHR4:9621351	SSF x Far_LoA	-8,896	0,034	0,291
CHR4	9621368	CHR4:9621368	SSF x Far_LoA	-8,907	-0,103	0,285
CHR4	9621384	CHR4:9621384	SSF x Far_LoA	-7,831	0,066	0,286
CHR4	9621542	CHR4:9621542	SSF x Far_LoA	-11,852	-0,050	0,278
CHR4	9630511	CHR4:9630511	SSF x Far_LoA	-8,576	-0,038	0,298
CHR4	9630542	CHR4:9630542	SSF x Far_LoA	-10,364	-0,071	0,294
CHR4	9630546	CHR4:9630546	SSF x Far_LoA	-9,186	0,069	0,293
CHR4	9630613	CHR4:9630613	SSF x Far_LoA	-7,951	0,037	0,298
CHR4	9636168	CHR4:9636168	SSF x Far_LoA	-9,967	-0,014	0,277
CHR4	9636402	CHR4:9636402	SSF x Far_LoA	-8,947	0,030	0,286
CHR4	96463	CHR4:96463	SSF x Far_LoA	-8,770	0,060	0,287
CHR4	9661246	CHR4:9661246	SSF x Far_LoA	-9,881	-0,016	0,288
CHR4	9661372	CHR4:9661372	SSF x Far_LoA	-9,167	-0,046	0,284
CHR4	9661375	CHR4:9661375	SSF x Far_LoA	-11,080	-0,037	0,296
CHR4	9661379	CHR4:9661379	SSF x Far_LoA	-10,841	0,008	0,300

CHR4	9661430	CHR4:9661430	SSF x Far_LoA	-10,079	0,003	0,292
CHR4	9733516	CHR4:9733516	SSF x Far_LoA	-7,313	0,082	0,301
CHR4	9733521	CHR4:9733521	SSF x Far_LoA	-6,359	0,087	0,306
CHR4	9733545	CHR4:9733545	SSF x Far_LoA	-7,284	0,121	0,295
CHR4	9733554	CHR4:9733554	SSF x Far_LoA	-7,646	0,123	0,297
CHR4	9733556	CHR4:9733556	SSF x Far_LoA	-7,203	0,105	0,296
CHR4	9733561	CHR4:9733561	SSF x Far_LoA	-9,114	0,072	0,295
CHR4	9733563	CHR4:9733563	SSF x Far_LoA	-8,959	0,088	0,287
CHR4	9733570	CHR4:9733570	SSF x Far_LoA	-8,458	0,106	0,298
CHR4	9733582	CHR4:9733582	SSF x Far_LoA	-10,184	0,072	0,285
CHR4	9733585	CHR4:9733585	SSF x Far_LoA	-8,937	0,088	0,307
CHR4	9793055	CHR4:9793055	SSF x Far_LoA	-8,217	0,028	0,302
CHR4	9793257	CHR4:9793257	SSF x Far_LoA	-10,774	-0,047	0,283
CHR4	9793322	CHR4:9793322	SSF x Far_LoA	-8,912	0,121	0,296
CHR4	9810393	CHR4:9810393	SSF x Far_LoA	-11,883	-0,039	0,290
CHR4	9810402	CHR4:9810402	SSF x Far_LoA	-10,337	-0,049	0,277
CHR4	9810404	CHR4:9810404	SSF x Far_LoA	-10,799	0,000	0,288
CHR4	9810412	CHR4:9810412	SSF x Far_LoA	-10,596	-0,025	0,280
CHR4	9810420	CHR4:9810420	SSF x Far_LoA	-9,153	-0,026	0,283
CHR4	9810422	CHR4:9810422	SSF x Far_LoA	-11,122	0,009	0,275
CHR4	9810434	CHR4:9810434	SSF x Far_LoA	-11,097	0,007	0,278
CHR4	9812865	CHR4:9812865	SSF x Far_LoA	-6,776	-0,066	0,305
CHR4	9813067	CHR4:9813067	SSF x Far_LoA	-8,317	-0,038	0,297
CHR4	9820508	CHR4:9820508	SSF x Far_LoA	-11,311	0,064	0,285
CHR4	9842248	CHR4:9842248	SSF x Far_LoA	-7,223	0,045	0,285
CHR4	9842327	CHR4:9842327	SSF x Far_LoA	-8,435	-0,097	0,304
CHR4	9842379	CHR4:9842379	SSF x Far_LoA	-9,650	-0,016	0,285
CHR4	9842414	CHR4:9842414	SSF x Far_LoA	-10,534	-0,009	0,277
CHR4	9842573	CHR4:9842573	SSF x Far_LoA	-11,563	-0,027	0,289
CHR4	9842584	CHR4:9842584	SSF x Far_LoA	-10,116	-0,041	0,279
CHR4	9842586	CHR4:9842586	SSF x Far_LoA	-10,575	-0,021	0,303
CHR4	9842632	CHR4:9842632	SSF x Far_LoA	-12,255	-0,005	0,286
CHR4	986664	CHR4:986664	SSF x Far_LoA	-5,098	-0,017	0,277
CHR4	986767	CHR4:986767	SSF x Far_LoA	-9,004	-0,020	0,291
CHR4	9867932	CHR4:9867932	SSF x Far_LoA	-11,343	-0,066	0,278
CHR4	986816	CHR4:986816	SSF x Far_LoA	-11,434	0,010	0,289
CHR4	9869948	CHR4:9869948	SSF x Far_LoA	-11,429	0,011	0,288
CHR4	9870021	CHR4:9870021	SSF x Far_LoA	-9,711	0,008	0,284
CHR4	9870036	CHR4:9870036	SSF x Far_LoA	-10,899	-0,050	0,288
CHR4	9870122	CHR4:9870122	SSF x Far_LoA	-8,616	-0,053	0,290
CHR4	9872006	CHR4:9872006	SSF x Far_LoA	-9,941	0,012	0,288
CHR4	9880701	CHR4:9880701	SSF x Far_LoA	-6,339	0,077	0,300
CHR4	9880912	CHR4:9880912	SSF x Far_LoA	-9,883	0,013	0,302
CHR4	9884585	CHR4:9884585	SSF x Far_LoA	-9,063	0,044	0,299
CHR4	9885728	CHR4:9885728	SSF x Far_LoA	-9,774	-0,070	0,303
CHR4	9894675	CHR4:9894675	SSF x Far_LoA	-9,915	0,032	0,287
CHR4	9894685	CHR4:9894685	SSF x Far_LoA	-10,050	-0,002	0,298
CHR4	9894708	CHR4:9894708	SSF x Far_LoA	-10,234	-0,005	0,293
CHR4	9894729	CHR4:9894729	SSF x Far_LoA	-7,205	-0,008	0,285
CHR4	9894744	CHR4:9894744	SSF x Far_LoA	-9,638	-0,105	0,277
CHR4	9894858	CHR4:9894858	SSF x Far_LoA	-9,165	0,085	0,265
CHR4	9894859	CHR4:9894859	SSF x Far_LoA	-9,347	0,090	0,276
CHR4	9899137	CHR4:9899137	SSF x Far_LoA	-10,897	-0,019	0,286

CHR4	9899148	CHR4:9899148	SSF x Far_LoA	-6,903	0,047	0,286
CHR4	9899149	CHR4:9899149	SSF x Far_LoA	-8,888	0,057	0,279
CHR4	9899165	CHR4:9899165	SSF x Far_LoA	-8,102	0,074	0,287
CHR4	9899274	CHR4:9899274	SSF x Far_LoA	-8,041	0,019	0,290
CHR4	9899276	CHR4:9899276	SSF x Far_LoA	-7,557	0,091	0,304
CHR4	9899280	CHR4:9899280	SSF x Far_LoA	-9,578	-0,104	0,285
CHR4	9899284	CHR4:9899284	SSF x Far_LoA	-8,866	0,034	0,292
CHR4	9899370	CHR4:9899370	SSF x Far_LoA	-11,642	-0,070	0,304
CHR4	990334	CHR4:990334	SSF x Far_LoA	-8,178	-0,064	0,310
CHR4	990508	CHR4:990508	SSF x Far_LoA	-8,199	-0,079	0,291
CHR4	990609	CHR4:990609	SSF x Far_LoA	-9,837	0,116	0,286
CHR4	9920709	CHR4:9920709	SSF x Far_LoA	-8,608	0,119	0,275
CHR4	9920868	CHR4:9920868	SSF x Far_LoA	-10,987	0,016	0,300
CHR4	9920877	CHR4:9920877	SSF x Far_LoA	-8,237	-0,098	0,280
CHR4	9928536	CHR4:9928536	SSF x Far_LoA	-9,009	-0,094	0,297
CHR4	9928548	CHR4:9928548	SSF x Far_LoA	-9,258	-0,025	0,296
CHR4	993785	CHR4:993785	SSF x Far_LoA	-7,911	0,034	0,300
CHR4	993794	CHR4:993794	SSF x Far_LoA	-6,981	-0,061	0,304
CHR4	9945557	CHR4:9945557	SSF x Far_LoA	-9,949	-0,023	0,282
CHR4	9945583	CHR4:9945583	SSF x Far_LoA	-11,300	-0,011	0,280
CHR4	9945648	CHR4:9945648	SSF x Far_LoA	-8,171	-0,096	0,289
CHR4	9945703	CHR4:9945703	SSF x Far_LoA	-2,959	-0,029	0,286
CHR4	996079	CHR4:996079	SSF x Far_LoA	-10,604	0,032	0,310
CHR4	996149	CHR4:996149	SSF x Far_LoA	-9,398	-0,049	0,281
CHR4	996194	CHR4:996194	SSF x Far_LoA	-9,320	0,114	0,287
CHR4	996226	CHR4:996226	SSF x Far_LoA	-5,471	0,191	0,277
CHR4	996256	CHR4:996256	SSF x Far_LoA	-11,542	0,019	0,290
CHR4	9962654	CHR4:9962654	SSF x Far_LoA	-9,692	-0,080	0,279
CHR4	9972028	CHR4:9972028	SSF x Far_LoA	-5,580	0,125	0,292
CHR4	9972068	CHR4:9972068	SSF x Far_LoA	-7,904	0,095	0,293
CHR4	9972071	CHR4:9972071	SSF x Far_LoA	-8,164	0,091	0,295
CHR4	9972120	CHR4:9972120	SSF x Far_LoA	-7,155	0,092	0,291
CHR4	9972234	CHR4:9972234	SSF x Far_LoA	-9,138	-0,056	0,284
CHR4	9974518	CHR4:9974518	SSF x Far_LoA	-5,831	-0,089	0,290
CHR4	9974523	CHR4:9974523	SSF x Far_LoA	-4,942	-0,105	0,293
CHR4	9974571	CHR4:9974571	SSF x Far_LoA	-8,495	0,009	0,298
CHR4	9974699	CHR4:9974699	SSF x Far_LoA	-8,545	-0,003	0,299
CHR5	1E+07	CHR5:10019076	SSF x Far_LoA	-11,794	-0,010	0,273
CHR5	1E+07	CHR5:10019373	SSF x Far_LoA	-9,162	0,059	0,287
CHR5	1E+07	CHR5:10019374	SSF x Far_LoA	-7,450	0,031	0,304
CHR5	1E+07	CHR5:10019384	SSF x Far_LoA	-9,863	0,010	0,277
CHR5	1E+07	CHR5:10032221	SSF x Far_LoA	-10,083	0,019	0,292
CHR5	1E+07	CHR5:10032238	SSF x Far_LoA	-7,662	-0,020	0,295
CHR5	1E+07	CHR5:10032246	SSF x Far_LoA	-10,041	0,046	0,293
CHR5	1E+07	CHR5:10032441	SSF x Far_LoA	-10,360	0,051	0,277
CHR5	1E+07	CHR5:10032640	SSF x Far_LoA	-8,457	0,015	0,305
CHR5	1E+07	CHR5:10038053	SSF x Far_LoA	-10,592	-0,022	0,289
CHR5	1E+07	CHR5:10038054	SSF x Far_LoA	-7,901	0,064	0,298
CHR5	1E+07	CHR5:10038207	SSF x Far_LoA	-10,422	0,084	0,282
CHR5	1E+07	CHR5:10039393	SSF x Far_LoA	-8,998	-0,017	0,303
CHR5	1E+07	CHR5:10039426	SSF x Far_LoA	-10,919	-0,006	0,284
CHR5	1E+07	CHR5:10039579	SSF x Far_LoA	-8,905	-0,019	0,289
CHR5	1E+07	CHR5:10057287	SSF x Far_LoA	-9,079	-0,054	0,307

CHR5	1E+07	CHR5:10057312	SSF x Far_LoA	-8,056	-0,053	0,293
CHR5	1E+07	CHR5:10060644	SSF x Far_LoA	-9,283	0,039	0,297
CHR5	1E+07	CHR5:10063762	SSF x Far_LoA	-10,407	-0,102	0,292
CHR5	1E+07	CHR5:10063928	SSF x Far_LoA	-9,413	0,054	0,275
CHR5	1E+07	CHR5:10064061	SSF x Far_LoA	-11,415	0,015	0,289
CHR5	1E+07	CHR5:10074339	SSF x Far_LoA	-5,949	0,236	0,263
CHR5	1E+07	CHR5:10074640	SSF x Far_LoA	-2,895	-0,130	0,299
CHR5	1E+07	CHR5:10077424	SSF x Far_LoA	-9,995	-0,055	0,308
CHR5	1E+07	CHR5:10077457	SSF x Far_LoA	-10,905	-0,050	0,303
CHR5	1E+07	CHR5:10079660	SSF x Far_LoA	-7,183	0,015	0,291
CHR5	1E+07	CHR5:10100064	SSF x Far_LoA	-8,542	0,049	0,302
CHR5	1E+07	CHR5:10100079	SSF x Far_LoA	-11,316	-0,034	0,310
CHR5	1E+07	CHR5:10100087	SSF x Far_LoA	-7,845	-0,136	0,301
CHR5	1E+07	CHR5:10107221	SSF x Far_LoA	-9,593	-0,017	0,279
CHR5	1E+07	CHR5:10107222	SSF x Far_LoA	-9,216	0,027	0,294
CHR5	1E+07	CHR5:10108218	SSF x Far_LoA	-10,856	0,016	0,288
CHR5	1E+07	CHR5:10108300	SSF x Far_LoA	-8,808	-0,033	0,275
CHR5	1E+07	CHR5:10108319	SSF x Far_LoA	-7,813	-0,047	0,299
CHR5	1E+07	CHR5:10112002	SSF x Far_LoA	-9,043	0,120	0,283
CHR5	1E+07	CHR5:10112004	SSF x Far_LoA	-9,611	-0,039	0,308
CHR5	1E+07	CHR5:10112238	SSF x Far_LoA	-11,263	0,047	0,284
CHR5	1E+07	CHR5:10112244	SSF x Far_LoA	-9,897	-0,020	0,294
CHR5	1E+07	CHR5:10127596	SSF x Far_LoA	-9,512	-0,084	0,290
CHR5	1E+07	CHR5:10132626	SSF x Far_LoA	-11,152	0,117	0,273
CHR5	1E+07	CHR5:10132677	SSF x Far_LoA	-11,183	0,078	0,294
CHR5	1E+07	CHR5:10140177	SSF x Far_LoA	-7,810	-0,038	0,301
CHR5	1E+07	CHR5:10157337	SSF x Far_LoA	-11,013	0,122	0,292
CHR5	1E+07	CHR5:10157540	SSF x Far_LoA	-11,448	0,053	0,286
CHR5	1E+07	CHR5:10157661	SSF x Far_LoA	-7,086	0,098	0,283
CHR5	1E+07	CHR5:10162585	SSF x Far_LoA	-11,307	0,019	0,303
CHR5	1E+07	CHR5:10162676	SSF x Far_LoA	-8,718	0,118	0,295
CHR5	1E+07	CHR5:10162721	SSF x Far_LoA	-11,016	-0,019	0,285
CHR5	1E+07	CHR5:10162833	SSF x Far_LoA	-2,934	-0,119	0,293
CHR5	1E+07	CHR5:10162921	SSF x Far_LoA	-8,201	-0,041	0,300
CHR5	1E+07	CHR5:10162931	SSF x Far_LoA	-10,498	-0,030	0,278
CHR5	1E+07	CHR5:10177033	SSF x Far_LoA	-7,889	0,108	0,277
CHR5	1E+07	CHR5:10177066	SSF x Far_LoA	-10,683	0,066	0,316
CHR5	1E+07	CHR5:10177211	SSF x Far_LoA	-10,048	0,167	0,282
CHR5	1E+07	CHR5:10177293	SSF x Far_LoA	-8,618	-0,021	0,278
CHR5	1E+07	CHR5:10181134	SSF x Far_LoA	-6,412	0,071	0,289
CHR5	1E+07	CHR5:10191262	SSF x Far_LoA	-8,925	-0,082	0,304
CHR5	1E+07	CHR5:10191279	SSF x Far_LoA	-8,669	-0,130	0,295
CHR5	1E+07	CHR5:10191463	SSF x Far_LoA	-11,251	-0,067	0,281
CHR5	1E+07	CHR5:10191548	SSF x Far_LoA	-9,369	0,088	0,284
CHR5	1E+07	CHR5:10193346	SSF x Far_LoA	-10,626	-0,118	0,271
CHR5	1E+07	CHR5:10234316	SSF x Far_LoA	-8,127	0,068	0,295
CHR5	1E+07	CHR5:10234348	SSF x Far_LoA	-7,698	-0,154	0,290
CHR5	1E+07	CHR5:10234367	SSF x Far_LoA	-8,727	0,027	0,289
CHR5	1E+07	CHR5:10234469	SSF x Far_LoA	-9,758	-0,109	0,303
CHR5	1E+07	CHR5:10234555	SSF x Far_LoA	-12,035	0,028	0,283
CHR5	1E+07	CHR5:10247819	SSF x Far_LoA	-11,139	0,046	0,287
CHR5	1E+07	CHR5:10263057	SSF x Far_LoA	-6,817	-0,079	0,281
CHR5	1E+07	CHR5:10263103	SSF x Far_LoA	-9,739	-0,079	0,279

CHR5	1E+07	CHR5:10263144	SSF x Far_LoA	-10,828	-0,006	0,293
CHR5	1E+07	CHR5:10263147	SSF x Far_LoA	-11,717	-0,038	0,275
CHR5	1E+07	CHR5:10266041	SSF x Far_LoA	-11,761	0,023	0,276
CHR5	1E+07	CHR5:10266328	SSF x Far_LoA	-10,454	0,032	0,283
CHR5	1E+07	CHR5:10272939	SSF x Far_LoA	-6,853	0,125	0,296
CHR5	1E+07	CHR5:10280234	SSF x Far_LoA	-11,336	0,011	0,296
CHR5	1E+07	CHR5:10280286	SSF x Far_LoA	-10,079	0,012	0,297
CHR5	1E+07	CHR5:10280392	SSF x Far_LoA	-10,246	-0,029	0,300
CHR5	1E+07	CHR5:10289539	SSF x Far_LoA	-11,198	-0,025	0,299
CHR5	1E+07	CHR5:10289541	SSF x Far_LoA	-7,764	-0,026	0,294
CHR5	1E+07	CHR5:10289670	SSF x Far_LoA	-9,766	-0,058	0,301
CHR5	1E+07	CHR5:10289683	SSF x Far_LoA	-11,110	-0,003	0,287
CHR5	1E+07	CHR5:10305960	SSF x Far_LoA	-12,200	0,065	0,285
CHR5	1E+07	CHR5:10318914	SSF x Far_LoA	-7,807	-0,014	0,288
CHR5	1E+07	CHR5:10318986	SSF x Far_LoA	-0,461	-0,024	0,310
CHR5	1E+07	CHR5:10319070	SSF x Far_LoA	-8,975	0,018	0,290
CHR5	1E+07	CHR5:10319102	SSF x Far_LoA	-11,171	0,031	0,283
CHR5	1E+07	CHR5:10319375	SSF x Far_LoA	-8,134	-0,008	0,303
CHR5	1E+07	CHR5:10319491	SSF x Far_LoA	-9,618	0,009	0,302
CHR5	1E+07	CHR5:10364094	SSF x Far_LoA	-10,485	-0,036	0,294
CHR5	1E+07	CHR5:10364437	SSF x Far_LoA	-10,631	-0,010	0,290
CHR5	1E+07	CHR5:10370908	SSF x Far_LoA	-6,518	0,028	0,300
CHR5	1E+07	CHR5:10370933	SSF x Far_LoA	-5,770	0,014	0,304
CHR5	1E+07	CHR5:10375936	SSF x Far_LoA	-11,214	-0,070	0,294
CHR5	1E+07	CHR5:10377415	SSF x Far_LoA	-8,276	0,067	0,298
CHR5	1E+07	CHR5:10377439	SSF x Far_LoA	-11,036	-0,042	0,296
CHR5	1E+07	CHR5:10386082	SSF x Far_LoA	-10,967	0,074	0,290
CHR5	1E+07	CHR5:10419192	SSF x Far_LoA	-11,719	0,051	0,281
CHR5	1E+07	CHR5:10419212	SSF x Far_LoA	-11,540	0,074	0,278
CHR5	1E+07	CHR5:10419260	SSF x Far_LoA	-11,062	-0,095	0,285
CHR5	1E+07	CHR5:10419319	SSF x Far_LoA	-7,300	-0,008	0,305
CHR5	1E+07	CHR5:10419361	SSF x Far_LoA	-11,449	0,069	0,280
CHR5	1E+07	CHR5:10424672	SSF x Far_LoA	-9,056	-0,146	0,269
CHR5	1043249	CHR5:1043249	SSF x Far_LoA	-9,159	-0,024	0,284
CHR5	1E+07	CHR5:10433555	SSF x Far_LoA	-8,172	-0,053	0,291
CHR5	1E+07	CHR5:10433602	SSF x Far_LoA	-9,212	-0,061	0,288
CHR5	1E+07	CHR5:10433637	SSF x Far_LoA	-3,613	-0,020	0,300
CHR5	1E+07	CHR5:10433656	SSF x Far_LoA	-8,252	-0,040	0,296
CHR5	1043366	CHR5:1043366	SSF x Far_LoA	-11,094	0,047	0,287
CHR5	1E+07	CHR5:10433725	SSF x Far_LoA	-8,672	0,046	0,300
CHR5	1E+07	CHR5:10433732	SSF x Far_LoA	-10,596	-0,032	0,296
CHR5	1043446	CHR5:1043446	SSF x Far_LoA	-9,555	-0,011	0,281
CHR5	1043449	CHR5:1043449	SSF x Far_LoA	-8,958	-0,045	0,299
CHR5	1E+07	CHR5:10446712	SSF x Far_LoA	-8,685	-0,059	0,300
CHR5	1E+07	CHR5:10451894	SSF x Far_LoA	-11,343	-0,006	0,293
CHR5	1E+07	CHR5:10451997	SSF x Far_LoA	-7,306	0,114	0,282
CHR5	1E+07	CHR5:10472596	SSF x Far_LoA	-9,795	-0,011	0,303
CHR5	1E+07	CHR5:10472605	SSF x Far_LoA	-9,326	0,068	0,283
CHR5	1E+07	CHR5:10472679	SSF x Far_LoA	-9,512	-0,068	0,285
CHR5	1E+07	CHR5:10474233	SSF x Far_LoA	-7,955	-0,179	0,288
CHR5	1E+07	CHR5:10474270	SSF x Far_LoA	-9,046	-0,021	0,300
CHR5	1E+07	CHR5:10474287	SSF x Far_LoA	-9,114	-0,040	0,284
CHR5	1E+07	CHR5:10482361	SSF x Far_LoA	-5,418	0,074	0,290

CHR5	1049389	CHR5:1049389	SSF x Far_LoA	-10,663	-0,100	0,282
CHR5	1049419	CHR5:1049419	SSF x Far_LoA	-2,757	-0,053	0,285
CHR5	1051124	CHR5:1051124	SSF x Far_LoA	-8,847	-0,094	0,289
CHR5	10515667	CHR5:10515667	SSF x Far_LoA	-7,195	0,097	0,299
CHR5	10515671	CHR5:10515671	SSF x Far_LoA	-10,913	0,074	0,298
CHR5	10515799	CHR5:10515799	SSF x Far_LoA	-7,493	-0,097	0,293
CHR5	10521150	CHR5:10521150	SSF x Far_LoA	-10,377	0,057	0,294
CHR5	10521181	CHR5:10521181	SSF x Far_LoA	-9,086	-0,104	0,293
CHR5	10521265	CHR5:10521265	SSF x Far_LoA	-8,526	-0,050	0,301
CHR5	10527183	CHR5:10527183	SSF x Far_LoA	-9,110	0,090	0,275
CHR5	10527199	CHR5:10527199	SSF x Far_LoA	-8,205	0,024	0,309
CHR5	10527315	CHR5:10527315	SSF x Far_LoA	-8,734	-0,013	0,281
CHR5	10527403	CHR5:10527403	SSF x Far_LoA	-9,856	-0,108	0,284
CHR5	10527427	CHR5:10527427	SSF x Far_LoA	-8,339	-0,033	0,287
CHR5	10531469	CHR5:10531469	SSF x Far_LoA	-5,041	0,034	0,284
CHR5	10531531	CHR5:10531531	SSF x Far_LoA	-9,427	0,016	0,310
CHR5	10531560	CHR5:10531560	SSF x Far_LoA	-6,452	-0,022	0,301
CHR5	1054004	CHR5:1054004	SSF x Far_LoA	-8,337	-0,003	0,287
CHR5	1054043	CHR5:1054043	SSF x Far_LoA	-8,348	0,064	0,290
CHR5	1054127	CHR5:1054127	SSF x Far_LoA	-11,147	0,013	0,284
CHR5	1056587	CHR5:1056587	SSF x Far_LoA	-7,766	0,081	0,296
CHR5	1056628	CHR5:1056628	SSF x Far_LoA	-8,571	0,103	0,297
CHR5	10566648	CHR5:10566648	SSF x Far_LoA	-9,686	-0,007	0,276
CHR5	1056681	CHR5:1056681	SSF x Far_LoA	-9,373	-0,032	0,283
CHR5	1056735	CHR5:1056735	SSF x Far_LoA	-9,758	0,098	0,276
CHR5	10570259	CHR5:10570259	SSF x Far_LoA	-8,107	-0,128	0,281
CHR5	10570308	CHR5:10570308	SSF x Far_LoA	-8,911	-0,128	0,284
CHR5	10570516	CHR5:10570516	SSF x Far_LoA	-7,426	-0,040	0,313
CHR5	10573970	CHR5:10573970	SSF x Far_LoA	-10,581	0,119	0,289
CHR5	10574045	CHR5:10574045	SSF x Far_LoA	-9,031	0,075	0,278
CHR5	10574090	CHR5:10574090	SSF x Far_LoA	-9,326	-0,019	0,296
CHR5	10574211	CHR5:10574211	SSF x Far_LoA	-8,571	-0,027	0,300
CHR5	10584837	CHR5:10584837	SSF x Far_LoA	-9,848	-0,023	0,278
CHR5	10590606	CHR5:10590606	SSF x Far_LoA	-11,522	0,038	0,295
CHR5	10590748	CHR5:10590748	SSF x Far_LoA	-11,506	0,014	0,286
CHR5	10590780	CHR5:10590780	SSF x Far_LoA	-11,253	-0,012	0,289
CHR5	10604507	CHR5:10604507	SSF x Far_LoA	-8,901	-0,012	0,300
CHR5	10638645	CHR5:10638645	SSF x Far_LoA	-8,664	-0,055	0,288
CHR5	10638741	CHR5:10638741	SSF x Far_LoA	-11,998	0,067	0,290
CHR5	10638762	CHR5:10638762	SSF x Far_LoA	-8,905	-0,044	0,297
CHR5	10638903	CHR5:10638903	SSF x Far_LoA	-9,074	-0,090	0,297
CHR5	10638994	CHR5:10638994	SSF x Far_LoA	-9,451	0,018	0,290
CHR5	10638999	CHR5:10638999	SSF x Far_LoA	-8,802	-0,058	0,283
CHR5	10656485	CHR5:10656485	SSF x Far_LoA	-8,713	0,047	0,285
CHR5	10656499	CHR5:10656499	SSF x Far_LoA	-8,949	0,052	0,278
CHR5	10656508	CHR5:10656508	SSF x Far_LoA	-5,883	0,057	0,291
CHR5	10660055	CHR5:10660055	SSF x Far_LoA	-6,338	-0,174	0,297
CHR5	10660056	CHR5:10660056	SSF x Far_LoA	-7,166	-0,139	0,283
CHR5	10660057	CHR5:10660057	SSF x Far_LoA	-9,078	-0,143	0,285
CHR5	10660058	CHR5:10660058	SSF x Far_LoA	-6,993	0,197	0,283
CHR5	10660313	CHR5:10660313	SSF x Far_LoA	-6,611	-0,183	0,284
CHR5	1067642	CHR5:1067642	SSF x Far_LoA	-9,087	0,067	0,289
CHR5	1067665	CHR5:1067665	SSF x Far_LoA	-9,683	-0,139	0,287

CHR5	1067672	CHR5:1067672	SSF x Far_LoA	-7,983	0,136	0,291
CHR5	1067677	CHR5:1067677	SSF x Far_LoA	-8,644	0,049	0,289
CHR5	1067683	CHR5:1067683	SSF x Far_LoA	-9,600	-0,094	0,287
CHR5	1067731	CHR5:1067731	SSF x Far_LoA	-6,189	0,167	0,278
CHR5	1067744	CHR5:1067744	SSF x Far_LoA	-11,603	-0,068	0,302
CHR5	1067917	CHR5:1067917	SSF x Far_LoA	-9,312	0,058	0,296
CHR5	1067937	CHR5:1067937	SSF x Far_LoA	-11,056	0,064	0,292
CHR5	1067945	CHR5:1067945	SSF x Far_LoA	-11,286	-0,021	0,284
CHR5	10684902	CHR5:10684902	SSF x Far_LoA	-10,554	0,077	0,291
CHR5	10685071	CHR5:10685071	SSF x Far_LoA	-9,920	-0,122	0,280
CHR5	10685143	CHR5:10685143	SSF x Far_LoA	-9,718	0,012	0,295
CHR5	10715835	CHR5:10715835	SSF x Far_LoA	-11,084	-0,054	0,299
CHR5	10715888	CHR5:10715888	SSF x Far_LoA	-9,952	-0,038	0,300
CHR5	10715912	CHR5:10715912	SSF x Far_LoA	-10,096	-0,036	0,309
CHR5	10715942	CHR5:10715942	SSF x Far_LoA	-9,321	-0,066	0,280
CHR5	10715968	CHR5:10715968	SSF x Far_LoA	-8,556	0,107	0,299
CHR5	10717340	CHR5:10717340	SSF x Far_LoA	-10,761	0,013	0,295
CHR5	10717484	CHR5:10717484	SSF x Far_LoA	-12,440	-0,001	0,278
CHR5	1072540	CHR5:1072540	SSF x Far_LoA	-2,095	0,094	0,292
CHR5	10728929	CHR5:10728929	SSF x Far_LoA	-8,000	0,017	0,292
CHR5	10728966	CHR5:10728966	SSF x Far_LoA	-9,999	0,035	0,287
CHR5	10740526	CHR5:10740526	SSF x Far_LoA	-7,399	0,090	0,302
CHR5	10740553	CHR5:10740553	SSF x Far_LoA	-10,072	-0,102	0,289
CHR5	10740716	CHR5:10740716	SSF x Far_LoA	-8,170	0,067	0,305
CHR5	10740841	CHR5:10740841	SSF x Far_LoA	-10,006	0,069	0,274
CHR5	10746196	CHR5:10746196	SSF x Far_LoA	-12,012	-0,055	0,283
CHR5	10746463	CHR5:10746463	SSF x Far_LoA	-12,273	-0,029	0,289
CHR5	10772824	CHR5:10772824	SSF x Far_LoA	-9,231	0,102	0,300
CHR5	10773024	CHR5:10773024	SSF x Far_LoA	-12,046	0,040	0,286
CHR5	10784900	CHR5:10784900	SSF x Far_LoA	-9,118	-0,046	0,270
CHR5	10784908	CHR5:10784908	SSF x Far_LoA	-11,814	0,022	0,289
CHR5	10784927	CHR5:10784927	SSF x Far_LoA	-9,846	-0,055	0,290
CHR5	10789296	CHR5:10789296	SSF x Far_LoA	-10,298	-0,165	0,279
CHR5	10789368	CHR5:10789368	SSF x Far_LoA	-9,284	-0,091	0,292
CHR5	10790852	CHR5:10790852	SSF x Far_LoA	-9,927	-0,116	0,292
CHR5	10790874	CHR5:10790874	SSF x Far_LoA	-8,758	0,092	0,294
CHR5	10790875	CHR5:10790875	SSF x Far_LoA	-11,998	0,096	0,280
CHR5	10795816	CHR5:10795816	SSF x Far_LoA	-10,710	-0,087	0,288
CHR5	10798796	CHR5:10798796	SSF x Far_LoA	-10,848	-0,041	0,301
CHR5	10798932	CHR5:10798932	SSF x Far_LoA	-8,052	-0,038	0,293
CHR5	10860486	CHR5:10860486	SSF x Far_LoA	-8,035	0,079	0,286
CHR5	10860511	CHR5:10860511	SSF x Far_LoA	-11,400	0,008	0,305
CHR5	10860538	CHR5:10860538	SSF x Far_LoA	-11,388	-0,084	0,293
CHR5	10878529	CHR5:10878529	SSF x Far_LoA	-7,162	-0,104	0,287
CHR5	10878538	CHR5:10878538	SSF x Far_LoA	-8,150	0,190	0,278
CHR5	10878560	CHR5:10878560	SSF x Far_LoA	-8,854	-0,075	0,276
CHR5	10878577	CHR5:10878577	SSF x Far_LoA	-4,665	-0,095	0,292
CHR5	10884735	CHR5:10884735	SSF x Far_LoA	-8,284	0,027	0,278
CHR5	10884902	CHR5:10884902	SSF x Far_LoA	-7,434	0,090	0,308
CHR5	10915598	CHR5:10915598	SSF x Far_LoA	-7,884	0,117	0,290
CHR5	10925927	CHR5:10925927	SSF x Far_LoA	-11,388	0,060	0,298
CHR5	10925945	CHR5:10925945	SSF x Far_LoA	-8,103	-0,042	0,275
CHR5	10926138	CHR5:10926138	SSF x Far_LoA	-7,922	0,031	0,291

CHR5	10926139	CHR5:10926139	SSF x Far_LoA	-10,735	0,009	0,287
CHR5	10929709	CHR5:10929709	SSF x Far_LoA	-8,410	-0,066	0,296
CHR5	10929942	CHR5:10929942	SSF x Far_LoA	-8,701	-0,104	0,298
CHR5	10929981	CHR5:10929981	SSF x Far_LoA	-7,075	0,118	0,297
CHR5	10931408	CHR5:10931408	SSF x Far_LoA	-7,773	0,029	0,274
CHR5	10938287	CHR5:10938287	SSF x Far_LoA	-8,393	-0,116	0,290
CHR5	10938368	CHR5:10938368	SSF x Far_LoA	-9,092	0,075	0,306
CHR5	10965631	CHR5:10965631	SSF x Far_LoA	-10,227	0,092	0,292
CHR5	10982905	CHR5:10982905	SSF x Far_LoA	-7,596	0,038	0,297
CHR5	10982909	CHR5:10982909	SSF x Far_LoA	-10,180	-0,149	0,281
CHR5	10982966	CHR5:10982966	SSF x Far_LoA	-11,681	-0,023	0,273
CHR5	10983042	CHR5:10983042	SSF x Far_LoA	-7,005	-0,023	0,284
CHR5	10983044	CHR5:10983044	SSF x Far_LoA	-4,728	-0,160	0,277
CHR5	10983074	CHR5:10983074	SSF x Far_LoA	-10,417	-0,163	0,278
CHR5	10983159	CHR5:10983159	SSF x Far_LoA	-11,377	0,008	0,282
CHR5	10983181	CHR5:10983181	SSF x Far_LoA	-9,770	0,013	0,300
CHR5	10984273	CHR5:10984273	SSF x Far_LoA	-9,654	0,040	0,300
CHR5	10984341	CHR5:10984341	SSF x Far_LoA	-10,360	-0,074	0,289
CHR5	1099874	CHR5:1099874	SSF x Far_LoA	-9,820	-0,064	0,294
CHR5	11001121	CHR5:11001121	SSF x Far_LoA	-7,223	0,139	0,286
CHR5	11001142	CHR5:11001142	SSF x Far_LoA	-8,473	0,038	0,293
CHR5	11016516	CHR5:11016516	SSF x Far_LoA	-10,872	-0,023	0,291
CHR5	11016664	CHR5:11016664	SSF x Far_LoA	-8,721	-0,018	0,298
CHR5	11016685	CHR5:11016685	SSF x Far_LoA	-10,435	0,007	0,302
CHR5	11016689	CHR5:11016689	SSF x Far_LoA	-9,647	-0,044	0,296
CHR5	11016727	CHR5:11016727	SSF x Far_LoA	-8,827	-0,060	0,299
CHR5	11016768	CHR5:11016768	SSF x Far_LoA	-11,002	-0,029	0,289
CHR5	11016801	CHR5:11016801	SSF x Far_LoA	-11,733	0,010	0,286
CHR5	11016807	CHR5:11016807	SSF x Far_LoA	-11,194	-0,034	0,294
CHR5	11019827	CHR5:11019827	SSF x Far_LoA	-9,461	0,025	0,289
CHR5	11019904	CHR5:11019904	SSF x Far_LoA	-9,060	0,089	0,295
CHR5	11051215	CHR5:11051215	SSF x Far_LoA	-6,631	-0,003	0,305
CHR5	11051221	CHR5:11051221	SSF x Far_LoA	-9,394	-0,002	0,307
CHR5	11063348	CHR5:11063348	SSF x Far_LoA	-9,335	0,010	0,297
CHR5	11063369	CHR5:11063369	SSF x Far_LoA	-11,158	-0,099	0,285
CHR5	11063435	CHR5:11063435	SSF x Far_LoA	-10,666	-0,111	0,300
CHR5	11069728	CHR5:11069728	SSF x Far_LoA	-8,103	-0,106	0,288
CHR5	11075674	CHR5:11075674	SSF x Far_LoA	-7,195	0,235	0,275
CHR5	11075791	CHR5:11075791	SSF x Far_LoA	-10,788	0,106	0,291
CHR5	11075837	CHR5:11075837	SSF x Far_LoA	-10,514	-0,022	0,307
CHR5	11075934	CHR5:11075934	SSF x Far_LoA	-8,053	-0,022	0,294
CHR5	11093036	CHR5:11093036	SSF x Far_LoA	-9,887	0,059	0,297
CHR5	11098221	CHR5:11098221	SSF x Far_LoA	-3,959	0,080	0,285
CHR5	11098268	CHR5:11098268	SSF x Far_LoA	-6,033	0,192	0,289
CHR5	11098284	CHR5:11098284	SSF x Far_LoA	-4,609	0,181	0,278
CHR5	11110066	CHR5:11110066	SSF x Far_LoA	-8,955	0,128	0,293
CHR5	11128670	CHR5:11128670	SSF x Far_LoA	-9,961	-0,086	0,269
CHR5	11186865	CHR5:11186865	SSF x Far_LoA	-8,908	-0,112	0,314
CHR5	11206066	CHR5:11206066	SSF x Far_LoA	-1,877	0,037	0,275
CHR5	11217399	CHR5:11217399	SSF x Far_LoA	-7,961	-0,053	0,286
CHR5	11247784	CHR5:11247784	SSF x Far_LoA	-9,124	-0,024	0,289
CHR5	11255451	CHR5:11255451	SSF x Far_LoA	-11,933	0,013	0,305
CHR5	11304229	CHR5:11304229	SSF x Far_LoA	-8,365	0,047	0,297

CHR5	11304488	CHR5:11304488	SSF x Far_LoA	-8,024	-0,032	0,305
CHR5	11304503	CHR5:11304503	SSF x Far_LoA	-7,945	0,057	0,296
CHR5	11304526	CHR5:11304526	SSF x Far_LoA	-8,040	-0,047	0,291
CHR5	11322137	CHR5:11322137	SSF x Far_LoA	-9,441	-0,043	0,281
CHR5	11322231	CHR5:11322231	SSF x Far_LoA	-10,512	-0,090	0,275
CHR5	11339264	CHR5:11339264	SSF x Far_LoA	-10,032	-0,129	0,289
CHR5	11343736	CHR5:11343736	SSF x Far_LoA	-10,839	0,014	0,299
CHR5	11344062	CHR5:11344062	SSF x Far_LoA	-8,183	-0,118	0,277
CHR5	11357792	CHR5:11357792	SSF x Far_LoA	-8,567	0,207	0,283
CHR5	11357904	CHR5:11357904	SSF x Far_LoA	-9,375	0,088	0,292
CHR5	11357956	CHR5:11357956	SSF x Far_LoA	-10,948	0,060	0,266
CHR5	11373380	CHR5:11373380	SSF x Far_LoA	-8,474	-0,115	0,283
CHR5	11373525	CHR5:11373525	SSF x Far_LoA	-9,561	-0,017	0,281
CHR5	11373560	CHR5:11373560	SSF x Far_LoA	-8,692	-0,105	0,299
CHR5	11377322	CHR5:11377322	SSF x Far_LoA	-10,651	-0,037	0,283
CHR5	11403025	CHR5:11403025	SSF x Far_LoA	-10,634	0,051	0,294
CHR5	11403027	CHR5:11403027	SSF x Far_LoA	-10,638	-0,045	0,289
CHR5	11403195	CHR5:11403195	SSF x Far_LoA	-9,368	0,031	0,299
CHR5	11403303	CHR5:11403303	SSF x Far_LoA	-7,906	-0,014	0,283
CHR5	11408422	CHR5:11408422	SSF x Far_LoA	-5,799	-0,035	0,298
CHR5	11415129	CHR5:11415129	SSF x Far_LoA	-9,267	0,022	0,300
CHR5	11415161	CHR5:11415161	SSF x Far_LoA	-8,098	0,083	0,293
CHR5	11415168	CHR5:11415168	SSF x Far_LoA	-9,816	-0,041	0,294
CHR5	11422895	CHR5:11422895	SSF x Far_LoA	-9,629	-0,102	0,305
CHR5	11422977	CHR5:11422977	SSF x Far_LoA	-11,066	-0,019	0,285
CHR5	11422995	CHR5:11422995	SSF x Far_LoA	-5,767	-0,028	0,299
CHR5	11423088	CHR5:11423088	SSF x Far_LoA	-9,924	-0,006	0,290
CHR5	11428592	CHR5:11428592	SSF x Far_LoA	-9,264	-0,073	0,287
CHR5	11428662	CHR5:11428662	SSF x Far_LoA	-8,486	0,087	0,298
CHR5	11430270	CHR5:11430270	SSF x Far_LoA	-11,125	0,030	0,278
CHR5	11430545	CHR5:11430545	SSF x Far_LoA	-11,865	-0,029	0,276
CHR5	11437197	CHR5:11437197	SSF x Far_LoA	-4,888	-0,234	0,282
CHR5	11446920	CHR5:11446920	SSF x Far_LoA	-10,188	-0,007	0,285
CHR5	11446927	CHR5:11446927	SSF x Far_LoA	-10,168	0,049	0,298
CHR5	11463526	CHR5:11463526	SSF x Far_LoA	-7,163	0,157	0,267
CHR5	11463567	CHR5:11463567	SSF x Far_LoA	-4,830	0,165	0,273
CHR5	11480622	CHR5:11480622	SSF x Far_LoA	-10,663	0,006	0,296
CHR5	11480769	CHR5:11480769	SSF x Far_LoA	-10,076	-0,108	0,282
CHR5	11523566	CHR5:11523566	SSF x Far_LoA	-11,058	-0,025	0,291
CHR5	11523677	CHR5:11523677	SSF x Far_LoA	-10,678	-0,037	0,303
CHR5	11530255	CHR5:11530255	SSF x Far_LoA	-10,246	0,104	0,276
CHR5	11551305	CHR5:11551305	SSF x Far_LoA	-10,614	-0,005	0,290
CHR5	11583667	CHR5:11583667	SSF x Far_LoA	-9,727	0,070	0,302
CHR5	11583732	CHR5:11583732	SSF x Far_LoA	-9,950	0,088	0,295
CHR5	11583748	CHR5:11583748	SSF x Far_LoA	-10,491	0,040	0,277
CHR5	11592204	CHR5:11592204	SSF x Far_LoA	-10,548	-0,049	0,291
CHR5	11593594	CHR5:11593594	SSF x Far_LoA	-8,969	0,029	0,259
CHR5	11593769	CHR5:11593769	SSF x Far_LoA	-11,887	-0,005	0,284
CHR5	11606395	CHR5:11606395	SSF x Far_LoA	-9,344	0,066	0,283
CHR5	11606461	CHR5:11606461	SSF x Far_LoA	-6,420	0,093	0,277
CHR5	11606486	CHR5:11606486	SSF x Far_LoA	-9,749	0,043	0,293
CHR5	11611424	CHR5:11611424	SSF x Far_LoA	-8,098	0,150	0,294
CHR5	11611493	CHR5:11611493	SSF x Far_LoA	-9,994	-0,023	0,301

CHR5	11611512	CHR5:11611512	SSF x Far_LoA	-8,075	0,046	0,291
CHR5	11611616	CHR5:11611616	SSF x Far_LoA	-8,692	-0,044	0,288
CHR5	11630569	CHR5:11630569	SSF x Far_LoA	-5,542	-0,201	0,299
CHR5	11632840	CHR5:11632840	SSF x Far_LoA	-8,239	0,038	0,301
CHR5	11632927	CHR5:11632927	SSF x Far_LoA	-12,308	0,032	0,285
CHR5	11632991	CHR5:11632991	SSF x Far_LoA	-8,799	-0,015	0,296
CHR5	11636821	CHR5:11636821	SSF x Far_LoA	-10,907	-0,032	0,302
CHR5	11636916	CHR5:11636916	SSF x Far_LoA	-8,367	-0,160	0,285
CHR5	11637000	CHR5:11637000	SSF x Far_LoA	-6,618	0,187	0,287
CHR5	11644189	CHR5:11644189	SSF x Far_LoA	-9,548	-0,082	0,285
CHR5	11644237	CHR5:11644237	SSF x Far_LoA	-10,396	0,050	0,288
CHR5	11644298	CHR5:11644298	SSF x Far_LoA	-8,238	0,023	0,309
CHR5	11644308	CHR5:11644308	SSF x Far_LoA	-9,271	0,062	0,290
CHR5	11644310	CHR5:11644310	SSF x Far_LoA	-9,776	0,056	0,278
CHR5	11644334	CHR5:11644334	SSF x Far_LoA	-7,861	0,068	0,284
CHR5	11649793	CHR5:11649793	SSF x Far_LoA	-11,646	0,046	0,275
CHR5	11669646	CHR5:11669646	SSF x Far_LoA	-11,269	0,081	0,295
CHR5	11673595	CHR5:11673595	SSF x Far_LoA	-10,637	-0,022	0,286
CHR5	11673648	CHR5:11673648	SSF x Far_LoA	-7,418	0,016	0,274
CHR5	11673676	CHR5:11673676	SSF x Far_LoA	-10,335	-0,042	0,282
CHR5	11692960	CHR5:11692960	SSF x Far_LoA	-8,483	-0,056	0,295
CHR5	11693184	CHR5:11693184	SSF x Far_LoA	-8,826	-0,145	0,285
CHR5	11695902	CHR5:11695902	SSF x Far_LoA	-9,464	0,022	0,311
CHR5	11695988	CHR5:11695988	SSF x Far_LoA	-12,001	0,046	0,285
CHR5	11701915	CHR5:11701915	SSF x Far_LoA	-10,316	0,044	0,288
CHR5	11703479	CHR5:11703479	SSF x Far_LoA	-10,096	0,013	0,283
CHR5	11720499	CHR5:11720499	SSF x Far_LoA	-7,530	0,132	0,289
CHR5	11720604	CHR5:11720604	SSF x Far_LoA	-10,671	0,087	0,295
CHR5	11720622	CHR5:11720622	SSF x Far_LoA	-8,575	0,123	0,263
CHR5	11721876	CHR5:11721876	SSF x Far_LoA	-8,867	-0,003	0,298
CHR5	11721880	CHR5:11721880	SSF x Far_LoA	-7,878	-0,012	0,301
CHR5	11721930	CHR5:11721930	SSF x Far_LoA	-8,366	-0,073	0,294
CHR5	11721948	CHR5:11721948	SSF x Far_LoA	-7,353	-0,071	0,297
CHR5	11721954	CHR5:11721954	SSF x Far_LoA	-10,717	0,111	0,285
CHR5	11732972	CHR5:11732972	SSF x Far_LoA	-7,965	-0,077	0,300
CHR5	11745878	CHR5:11745878	SSF x Far_LoA	-10,775	0,090	0,277
CHR5	11765929	CHR5:11765929	SSF x Far_LoA	-9,232	-0,144	0,269
CHR5	11766035	CHR5:11766035	SSF x Far_LoA	-11,812	0,082	0,282
CHR5	11766628	CHR5:11766628	SSF x Far_LoA	-8,187	0,043	0,271
CHR5	11767704	CHR5:11767704	SSF x Far_LoA	-9,867	-0,029	0,305
CHR5	11781037	CHR5:11781037	SSF x Far_LoA	-9,916	0,031	0,290
CHR5	11808196	CHR5:11808196	SSF x Far_LoA	-9,888	0,008	0,296
CHR5	11808199	CHR5:11808199	SSF x Far_LoA	-5,793	0,129	0,281
CHR5	11808388	CHR5:11808388	SSF x Far_LoA	-4,927	0,085	0,295
CHR5	11821736	CHR5:11821736	SSF x Far_LoA	-9,345	-0,025	0,298
CHR5	11821925	CHR5:11821925	SSF x Far_LoA	-8,093	-0,129	0,285
CHR5	11839538	CHR5:11839538	SSF x Far_LoA	-10,460	-0,052	0,282
CHR5	11839715	CHR5:11839715	SSF x Far_LoA	-6,697	-0,083	0,299
CHR5	11852668	CHR5:11852668	SSF x Far_LoA	-10,573	0,070	0,285
CHR5	11852737	CHR5:11852737	SSF x Far_LoA	-8,570	0,004	0,292
CHR5	11852771	CHR5:11852771	SSF x Far_LoA	-5,841	-0,084	0,302
CHR5	11852937	CHR5:11852937	SSF x Far_LoA	-10,870	-0,004	0,291
CHR5	11873680	CHR5:11873680	SSF x Far_LoA	-10,468	0,074	0,301

CHR5	11876570	CHR5:11876570	SSF x Far_LoA	-8,614	-0,174	0,278
CHR5	11919823	CHR5:11919823	SSF x Far_LoA	-11,084	-0,076	0,300
CHR5	11919974	CHR5:11919974	SSF x Far_LoA	-9,105	-0,062	0,287
CHR5	11923665	CHR5:11923665	SSF x Far_LoA	-6,850	-0,119	0,289
CHR5	11923686	CHR5:11923686	SSF x Far_LoA	-12,310	-0,015	0,282
CHR5	11927674	CHR5:11927674	SSF x Far_LoA	-7,649	-0,165	0,286
CHR5	11927822	CHR5:11927822	SSF x Far_LoA	-4,417	-0,184	0,288
CHR5	11930581	CHR5:11930581	SSF x Far_LoA	-4,680	0,216	0,278
CHR5	11946368	CHR5:11946368	SSF x Far_LoA	-10,011	-0,061	0,282
CHR5	11946389	CHR5:11946389	SSF x Far_LoA	-10,736	-0,062	0,295
CHR5	11946440	CHR5:11946440	SSF x Far_LoA	-9,322	-0,013	0,294
CHR5	11991568	CHR5:11991568	SSF x Far_LoA	-9,341	0,137	0,291
CHR5	11991745	CHR5:11991745	SSF x Far_LoA	-7,588	-0,164	0,294
CHR5	11991764	CHR5:11991764	SSF x Far_LoA	-9,124	-0,138	0,286
CHR5	12004925	CHR5:12004925	SSF x Far_LoA	-7,958	-0,056	0,302
CHR5	12004932	CHR5:12004932	SSF x Far_LoA	-9,055	-0,066	0,273
CHR5	12019533	CHR5:12019533	SSF x Far_LoA	-8,240	-0,047	0,282
CHR5	12047434	CHR5:12047434	SSF x Far_LoA	-9,476	0,012	0,298
CHR5	12052841	CHR5:12052841	SSF x Far_LoA	-10,416	0,151	0,289
CHR5	12062754	CHR5:12062754	SSF x Far_LoA	-10,235	0,022	0,291
CHR5	12064590	CHR5:12064590	SSF x Far_LoA	-8,236	-0,036	0,286
CHR5	12073917	CHR5:12073917	SSF x Far_LoA	-7,993	0,088	0,284
CHR5	12083316	CHR5:12083316	SSF x Far_LoA	-9,148	0,054	0,293
CHR5	12083509	CHR5:12083509	SSF x Far_LoA	-8,234	0,005	0,307
CHR5	12087069	CHR5:12087069	SSF x Far_LoA	-9,748	0,144	0,284
CHR5	12087088	CHR5:12087088	SSF x Far_LoA	-10,523	0,011	0,297
CHR5	12087230	CHR5:12087230	SSF x Far_LoA	-8,629	-0,089	0,287
CHR5	12087248	CHR5:12087248	SSF x Far_LoA	-6,674	0,205	0,280
CHR5	12088685	CHR5:12088685	SSF x Far_LoA	-8,033	-0,036	0,283
CHR5	12088745	CHR5:12088745	SSF x Far_LoA	-5,103	0,198	0,281
CHR5	12088852	CHR5:12088852	SSF x Far_LoA	-10,513	-0,016	0,292
CHR5	12089692	CHR5:12089692	SSF x Far_LoA	-6,009	0,112	0,285
CHR5	12089724	CHR5:12089724	SSF x Far_LoA	-6,800	0,138	0,287
CHR5	12089848	CHR5:12089848	SSF x Far_LoA	-6,208	-0,178	0,284
CHR5	12089887	CHR5:12089887	SSF x Far_LoA	-8,652	-0,093	0,291
CHR5	12097566	CHR5:12097566	SSF x Far_LoA	-1,610	-0,093	0,303
CHR5	12108562	CHR5:12108562	SSF x Far_LoA	-11,677	0,023	0,284
CHR5	12129563	CHR5:12129563	SSF x Far_LoA	-9,366	0,066	0,289
CHR5	12129662	CHR5:12129662	SSF x Far_LoA	-5,217	0,119	0,270
CHR5	12129791	CHR5:12129791	SSF x Far_LoA	-8,273	0,055	0,283
CHR5	12138051	CHR5:12138051	SSF x Far_LoA	-7,989	0,113	0,286
CHR5	12160209	CHR5:12160209	SSF x Far_LoA	-12,009	-0,047	0,290
CHR5	12165022	CHR5:12165022	SSF x Far_LoA	-10,128	0,083	0,289
CHR5	12165122	CHR5:12165122	SSF x Far_LoA	-10,424	0,044	0,289
CHR5	12168320	CHR5:12168320	SSF x Far_LoA	-8,497	-0,109	0,292
CHR5	12174438	CHR5:12174438	SSF x Far_LoA	-8,778	0,074	0,289
CHR5	12174628	CHR5:12174628	SSF x Far_LoA	-7,583	-0,096	0,293
CHR5	12181808	CHR5:12181808	SSF x Far_LoA	-3,999	0,125	0,290
CHR5	12181825	CHR5:12181825	SSF x Far_LoA	-9,485	0,133	0,280
CHR5	12184109	CHR5:12184109	SSF x Far_LoA	-8,538	-0,050	0,297
CHR5	12184314	CHR5:12184314	SSF x Far_LoA	-10,999	0,107	0,291
CHR5	12199332	CHR5:12199332	SSF x Far_LoA	-5,125	0,048	0,307
CHR5	12225212	CHR5:12225212	SSF x Far_LoA	-5,955	-0,188	0,282

CHR5	12270918	CHR5:12270918	SSF x Far_LoA	-10,171	-0,058	0,295
CHR5	12298772	CHR5:12298772	SSF x Far_LoA	-8,961	-0,016	0,298
CHR5	12503683	CHR5:12503683	SSF x Far_LoA	-8,050	0,015	0,303
CHR5	1258467	CHR5:1258467	SSF x Far_LoA	-3,447	-0,101	0,293
CHR5	1288036	CHR5:1288036	SSF x Far_LoA	-9,249	0,054	0,288
CHR5	1288122	CHR5:1288122	SSF x Far_LoA	-6,982	-0,019	0,300
CHR5	1288144	CHR5:1288144	SSF x Far_LoA	-6,154	0,006	0,302
CHR5	1288236	CHR5:1288236	SSF x Far_LoA	-9,898	0,044	0,289
CHR5	1288244	CHR5:1288244	SSF x Far_LoA	-8,541	0,056	0,293
CHR5	1288268	CHR5:1288268	SSF x Far_LoA	-8,970	-0,017	0,297
CHR5	1288285	CHR5:1288285	SSF x Far_LoA	-9,814	-0,015	0,294
CHR5	1288296	CHR5:1288296	SSF x Far_LoA	-5,050	0,170	0,278
CHR5	1288313	CHR5:1288313	SSF x Far_LoA	-8,160	-0,055	0,289
CHR5	1290703	CHR5:1290703	SSF x Far_LoA	-10,899	0,103	0,282
CHR5	1290728	CHR5:1290728	SSF x Far_LoA	-6,387	-0,134	0,272
CHR5	1290738	CHR5:1290738	SSF x Far_LoA	-6,615	0,123	0,293
CHR5	1290750	CHR5:1290750	SSF x Far_LoA	-6,875	-0,152	0,296
CHR5	1290965	CHR5:1290965	SSF x Far_LoA	-9,435	-0,030	0,279
CHR5	1291021	CHR5:1291021	SSF x Far_LoA	-11,704	0,056	0,285
CHR5	1291056	CHR5:1291056	SSF x Far_LoA	-10,034	-0,030	0,279
CHR5	1300572	CHR5:1300572	SSF x Far_LoA	-10,882	-0,004	0,285
CHR5	1326645	CHR5:1326645	SSF x Far_LoA	-4,616	-0,167	0,289
CHR5	1326743	CHR5:1326743	SSF x Far_LoA	-10,891	0,019	0,281
CHR5	1326786	CHR5:1326786	SSF x Far_LoA	-10,418	0,039	0,297
CHR5	1372550	CHR5:1372550	SSF x Far_LoA	-8,834	-0,070	0,298
CHR5	1380709	CHR5:1380709	SSF x Far_LoA	-7,662	-0,019	0,287
CHR5	1515023	CHR5:1515023	SSF x Far_LoA	-7,574	0,074	0,280
CHR5	1602608	CHR5:1602608	SSF x Far_LoA	-8,314	-0,037	0,286
CHR5	1602613	CHR5:1602613	SSF x Far_LoA	-10,073	-0,014	0,294
CHR5	1602622	CHR5:1602622	SSF x Far_LoA	-9,906	-0,096	0,295
CHR5	1611864	CHR5:1611864	SSF x Far_LoA	-9,040	-0,142	0,301
CHR5	1616065	CHR5:1616065	SSF x Far_LoA	-7,579	0,015	0,296
CHR5	1620738	CHR5:1620738	SSF x Far_LoA	-7,310	0,061	0,296
CHR5	1620804	CHR5:1620804	SSF x Far_LoA	-8,417	-0,019	0,288
CHR5	1620841	CHR5:1620841	SSF x Far_LoA	-10,258	-0,053	0,294
CHR5	1662702	CHR5:1662702	SSF x Far_LoA	-5,370	0,128	0,264
CHR5	1662729	CHR5:1662729	SSF x Far_LoA	-7,443	0,113	0,266
CHR5	1662730	CHR5:1662730	SSF x Far_LoA	-4,494	0,121	0,263
CHR5	1686415	CHR5:1686415	SSF x Far_LoA	-8,922	-0,028	0,291
CHR5	1690551	CHR5:1690551	SSF x Far_LoA	-8,819	-0,027	0,285
CHR5	1690661	CHR5:1690661	SSF x Far_LoA	-9,532	0,145	0,292
CHR5	1690766	CHR5:1690766	SSF x Far_LoA	-9,343	0,054	0,285
CHR5	1741473	CHR5:1741473	SSF x Far_LoA	-8,701	-0,102	0,283
CHR5	1741623	CHR5:1741623	SSF x Far_LoA	-6,909	-0,087	0,283
CHR5	1750201	CHR5:1750201	SSF x Far_LoA	-9,724	0,042	0,297
CHR5	1750228	CHR5:1750228	SSF x Far_LoA	-9,466	0,042	0,299
CHR5	1776439	CHR5:1776439	SSF x Far_LoA	-9,520	0,017	0,287
CHR5	1776495	CHR5:1776495	SSF x Far_LoA	-8,497	-0,097	0,291
CHR5	1776590	CHR5:1776590	SSF x Far_LoA	-10,717	-0,095	0,279
CHR5	1776720	CHR5:1776720	SSF x Far_LoA	-7,821	-0,037	0,294
CHR5	1776739	CHR5:1776739	SSF x Far_LoA	-10,026	-0,065	0,278
CHR5	1780161	CHR5:1780161	SSF x Far_LoA	-12,236	0,007	0,271
CHR5	1780175	CHR5:1780175	SSF x Far_LoA	-9,989	0,048	0,289

CHR5	1780244	CHR5:1780244	SSF x Far_LoA	-7,356	-0,140	0,284
CHR5	1780254	CHR5:1780254	SSF x Far_LoA	-11,840	-0,068	0,291
CHR5	1780283	CHR5:1780283	SSF x Far_LoA	-4,904	0,187	0,274
CHR5	1780359	CHR5:1780359	SSF x Far_LoA	-8,572	-0,049	0,301
CHR5	1782143	CHR5:1782143	SSF x Far_LoA	-8,653	0,087	0,276
CHR5	1785778	CHR5:1785778	SSF x Far_LoA	-7,184	0,049	0,291
CHR5	1785961	CHR5:1785961	SSF x Far_LoA	-4,551	-0,138	0,289
CHR5	1790478	CHR5:1790478	SSF x Far_LoA	-6,210	0,165	0,286
CHR5	1840420	CHR5:1840420	SSF x Far_LoA	-10,305	-0,087	0,286
CHR5	1845762	CHR5:1845762	SSF x Far_LoA	-4,852	0,194	0,282
CHR5	1845848	CHR5:1845848	SSF x Far_LoA	-7,676	-0,215	0,291
CHR5	1845850	CHR5:1845850	SSF x Far_LoA	-8,380	0,101	0,292
CHR5	1845868	CHR5:1845868	SSF x Far_LoA	-10,774	0,036	0,270
CHR5	1845880	CHR5:1845880	SSF x Far_LoA	-5,621	-0,173	0,292
CHR5	1845981	CHR5:1845981	SSF x Far_LoA	-9,131	0,105	0,288
CHR5	1845988	CHR5:1845988	SSF x Far_LoA	-1,701	0,191	0,290
CHR5	1845998	CHR5:1845998	SSF x Far_LoA	-7,083	0,169	0,288
CHR5	1846029	CHR5:1846029	SSF x Far_LoA	-3,959	0,215	0,275
CHR5	1871408	CHR5:1871408	SSF x Far_LoA	-8,859	0,029	0,297
CHR5	1871681	CHR5:1871681	SSF x Far_LoA	-8,331	0,076	0,292
CHR5	1871685	CHR5:1871685	SSF x Far_LoA	-8,176	0,050	0,287
CHR5	1871782	CHR5:1871782	SSF x Far_LoA	-9,556	-0,043	0,294
CHR5	1876570	CHR5:1876570	SSF x Far_LoA	-8,444	-0,107	0,295
CHR5	1876619	CHR5:1876619	SSF x Far_LoA	-6,371	0,143	0,287
CHR5	1882653	CHR5:1882653	SSF x Far_LoA	-9,971	-0,095	0,274
CHR5	1882671	CHR5:1882671	SSF x Far_LoA	-8,311	0,106	0,294
CHR5	1882706	CHR5:1882706	SSF x Far_LoA	-5,323	0,153	0,289
CHR5	1882729	CHR5:1882729	SSF x Far_LoA	-4,570	-0,123	0,282
CHR5	1885454	CHR5:1885454	SSF x Far_LoA	-9,289	-0,078	0,300
CHR5	1885456	CHR5:1885456	SSF x Far_LoA	-4,650	-0,082	0,312
CHR5	1885499	CHR5:1885499	SSF x Far_LoA	-10,531	0,013	0,304
CHR5	1885504	CHR5:1885504	SSF x Far_LoA	-9,141	-0,051	0,296
CHR5	1885550	CHR5:1885550	SSF x Far_LoA	-6,541	-0,079	0,300
CHR5	1885598	CHR5:1885598	SSF x Far_LoA	-11,893	0,095	0,280
CHR5	1885613	CHR5:1885613	SSF x Far_LoA	-8,599	-0,108	0,297
CHR5	1885633	CHR5:1885633	SSF x Far_LoA	-7,358	-0,088	0,287
CHR5	1885660	CHR5:1885660	SSF x Far_LoA	-11,151	0,022	0,287
CHR5	1885670	CHR5:1885670	SSF x Far_LoA	-10,160	-0,065	0,298
CHR5	1885755	CHR5:1885755	SSF x Far_LoA	-9,123	0,129	0,290
CHR5	1885756	CHR5:1885756	SSF x Far_LoA	-5,778	0,072	0,277
CHR5	1885757	CHR5:1885757	SSF x Far_LoA	-2,017	0,162	0,278
CHR5	1885758	CHR5:1885758	SSF x Far_LoA	-9,675	0,166	0,274
CHR5	1885773	CHR5:1885773	SSF x Far_LoA	-5,083	-0,036	0,299
CHR5	1891272	CHR5:1891272	SSF x Far_LoA	-11,628	-0,014	0,290
CHR5	1901773	CHR5:1901773	SSF x Far_LoA	-11,159	0,045	0,287
CHR5	1901973	CHR5:1901973	SSF x Far_LoA	-10,692	0,058	0,285
CHR5	1917255	CHR5:1917255	SSF x Far_LoA	-10,389	-0,029	0,300
CHR5	1917268	CHR5:1917268	SSF x Far_LoA	-10,612	0,102	0,288
CHR5	1917276	CHR5:1917276	SSF x Far_LoA	-7,569	0,028	0,281
CHR5	1917333	CHR5:1917333	SSF x Far_LoA	-9,152	-0,006	0,292
CHR5	1925910	CHR5:1925910	SSF x Far_LoA	-10,640	0,056	0,287
CHR5	1929413	CHR5:1929413	SSF x Far_LoA	-9,088	-0,103	0,294
CHR5	1941327	CHR5:1941327	SSF x Far_LoA	-8,160	0,002	0,308

CHR5	1941329	CHR5:1941329	SSF x Far_LoA	-7,880	-0,003	0,299
CHR5	1941344	CHR5:1941344	SSF x Far_LoA	-9,026	0,026	0,299
CHR5	1941538	CHR5:1941538	SSF x Far_LoA	-12,617	0,048	0,281
CHR5	1949037	CHR5:1949037	SSF x Far_LoA	-9,340	-0,039	0,284
CHR5	1949185	CHR5:1949185	SSF x Far_LoA	-6,277	-0,041	0,301
CHR5	1949238	CHR5:1949238	SSF x Far_LoA	-7,518	0,065	0,307
CHR5	1949296	CHR5:1949296	SSF x Far_LoA	-9,401	0,091	0,295
CHR5	1962471	CHR5:1962471	SSF x Far_LoA	-5,180	0,150	0,278
CHR5	1977552	CHR5:1977552	SSF x Far_LoA	-11,111	-0,015	0,296
CHR5	1994273	CHR5:1994273	SSF x Far_LoA	-11,173	-0,012	0,277
CHR5	1994328	CHR5:1994328	SSF x Far_LoA	-9,433	0,007	0,284
CHR5	1994352	CHR5:1994352	SSF x Far_LoA	-10,519	0,008	0,293
CHR5	1994421	CHR5:1994421	SSF x Far_LoA	-9,300	0,030	0,301
CHR5	1994489	CHR5:1994489	SSF x Far_LoA	-9,167	0,015	0,292
CHR5	1994490	CHR5:1994490	SSF x Far_LoA	-7,355	-0,131	0,296
CHR5	2006306	CHR5:2006306	SSF x Far_LoA	-9,787	-0,038	0,316
CHR5	2020499	CHR5:2020499	SSF x Far_LoA	-9,437	0,051	0,304
CHR5	2020503	CHR5:2020503	SSF x Far_LoA	-6,656	0,043	0,286
CHR5	2020606	CHR5:2020606	SSF x Far_LoA	-8,646	0,010	0,306
CHR5	2020617	CHR5:2020617	SSF x Far_LoA	-11,411	0,086	0,299
CHR5	2020706	CHR5:2020706	SSF x Far_LoA	-11,177	0,085	0,298
CHR5	2020708	CHR5:2020708	SSF x Far_LoA	-9,977	0,074	0,310
CHR5	2020734	CHR5:2020734	SSF x Far_LoA	-10,028	-0,014	0,291
CHR5	2020735	CHR5:2020735	SSF x Far_LoA	-6,405	-0,056	0,290
CHR5	2020739	CHR5:2020739	SSF x Far_LoA	-9,142	0,015	0,287
CHR5	2020755	CHR5:2020755	SSF x Far_LoA	-9,512	-0,071	0,282
CHR5	2020762	CHR5:2020762	SSF x Far_LoA	-9,246	-0,062	0,288
CHR5	2024744	CHR5:2024744	SSF x Far_LoA	-11,800	0,047	0,296
CHR5	2024783	CHR5:2024783	SSF x Far_LoA	-11,023	-0,080	0,276
CHR5	2033055	CHR5:2033055	SSF x Far_LoA	-9,947	-0,138	0,295
CHR5	2033160	CHR5:2033160	SSF x Far_LoA	-9,995	0,000	0,282
CHR5	2033409	CHR5:2033409	SSF x Far_LoA	-10,380	-0,121	0,299
CHR5	2033566	CHR5:2033566	SSF x Far_LoA	-10,211	0,083	0,290
CHR5	2044785	CHR5:2044785	SSF x Far_LoA	-7,886	-0,080	0,281
CHR5	2044820	CHR5:2044820	SSF x Far_LoA	-1,441	0,046	0,301
CHR5	2044851	CHR5:2044851	SSF x Far_LoA	-9,599	0,041	0,296
CHR5	2044870	CHR5:2044870	SSF x Far_LoA	-3,392	0,009	0,299
CHR5	2044919	CHR5:2044919	SSF x Far_LoA	-10,630	0,007	0,293
CHR5	2049369	CHR5:2049369	SSF x Far_LoA	-11,700	-0,059	0,276
CHR5	2055810	CHR5:2055810	SSF x Far_LoA	-8,159	-0,029	0,298
CHR5	2055987	CHR5:2055987	SSF x Far_LoA	-9,643	-0,117	0,277
CHR5	2059079	CHR5:2059079	SSF x Far_LoA	-6,858	0,094	0,273
CHR5	2059229	CHR5:2059229	SSF x Far_LoA	-8,943	0,048	0,291
CHR5	2099692	CHR5:2099692	SSF x Far_LoA	-10,415	0,013	0,293
CHR5	2099752	CHR5:2099752	SSF x Far_LoA	-2,587	-0,205	0,276
CHR5	2099851	CHR5:2099851	SSF x Far_LoA	-8,252	0,048	0,286
CHR5	2099859	CHR5:2099859	SSF x Far_LoA	-8,366	-0,154	0,285
CHR5	2099893	CHR5:2099893	SSF x Far_LoA	-5,167	-0,177	0,264
CHR5	2099904	CHR5:2099904	SSF x Far_LoA	-11,586	-0,059	0,281
CHR5	2099905	CHR5:2099905	SSF x Far_LoA	-11,907	-0,061	0,281
CHR5	2128502	CHR5:2128502	SSF x Far_LoA	-8,095	0,088	0,293
CHR5	2128566	CHR5:2128566	SSF x Far_LoA	-9,809	0,092	0,294
CHR5	2128600	CHR5:2128600	SSF x Far_LoA	-8,833	-0,027	0,283

CHR5	2138872	CHR5:2138872	SSF x Far_LoA	-8,728	0,051	0,302
CHR5	2138979	CHR5:2138979	SSF x Far_LoA	-7,220	-0,080	0,300
CHR5	2138981	CHR5:2138981	SSF x Far_LoA	-2,942	-0,108	0,280
CHR5	2139038	CHR5:2139038	SSF x Far_LoA	-10,669	-0,129	0,286
CHR5	2144251	CHR5:2144251	SSF x Far_LoA	-7,192	-0,152	0,292
CHR5	2144323	CHR5:2144323	SSF x Far_LoA	-10,337	0,062	0,292
CHR5	2144476	CHR5:2144476	SSF x Far_LoA	-6,954	0,186	0,285
CHR5	2147213	CHR5:2147213	SSF x Far_LoA	-11,436	0,104	0,273
CHR5	2147267	CHR5:2147267	SSF x Far_LoA	-10,697	-0,066	0,299
CHR5	2147287	CHR5:2147287	SSF x Far_LoA	-7,694	0,011	0,287
CHR5	2147304	CHR5:2147304	SSF x Far_LoA	-10,179	-0,016	0,297
CHR5	2157262	CHR5:2157262	SSF x Far_LoA	-8,722	0,116	0,286
CHR5	2157263	CHR5:2157263	SSF x Far_LoA	-9,614	0,027	0,301
CHR5	2157438	CHR5:2157438	SSF x Far_LoA	-10,001	-0,054	0,286
CHR5	2157575	CHR5:2157575	SSF x Far_LoA	-8,588	-0,003	0,281
CHR5	2157592	CHR5:2157592	SSF x Far_LoA	-10,806	0,000	0,305
CHR5	2157593	CHR5:2157593	SSF x Far_LoA	-11,089	0,015	0,292
CHR5	2157599	CHR5:2157599	SSF x Far_LoA	-9,558	-0,015	0,289
CHR5	2168702	CHR5:2168702	SSF x Far_LoA	-6,009	0,027	0,313
CHR5	2168775	CHR5:2168775	SSF x Far_LoA	-8,307	-0,079	0,288
CHR5	2168794	CHR5:2168794	SSF x Far_LoA	-8,905	-0,021	0,294
CHR5	2168801	CHR5:2168801	SSF x Far_LoA	-9,126	-0,046	0,296
CHR5	2168809	CHR5:2168809	SSF x Far_LoA	-9,637	0,040	0,258
CHR5	2168810	CHR5:2168810	SSF x Far_LoA	-7,550	0,007	0,297
CHR5	2168812	CHR5:2168812	SSF x Far_LoA	-9,390	-0,003	0,285
CHR5	2168834	CHR5:2168834	SSF x Far_LoA	-7,101	0,006	0,282
CHR5	2176124	CHR5:2176124	SSF x Far_LoA	-7,860	0,077	0,278
CHR5	2176265	CHR5:2176265	SSF x Far_LoA	-10,173	-0,031	0,280
CHR5	2176341	CHR5:2176341	SSF x Far_LoA	-9,310	0,008	0,291
CHR5	2176345	CHR5:2176345	SSF x Far_LoA	-9,485	0,019	0,292
CHR5	2176375	CHR5:2176375	SSF x Far_LoA	-6,520	-0,062	0,288
CHR5	2187785	CHR5:2187785	SSF x Far_LoA	-9,884	0,152	0,299
CHR5	2187904	CHR5:2187904	SSF x Far_LoA	-6,562	-0,126	0,278
CHR5	2187918	CHR5:2187918	SSF x Far_LoA	-8,682	-0,082	0,286
CHR5	2187946	CHR5:2187946	SSF x Far_LoA	-7,842	-0,119	0,285
CHR5	2187974	CHR5:2187974	SSF x Far_LoA	-8,617	-0,111	0,292
CHR5	2210798	CHR5:2210798	SSF x Far_LoA	-10,078	0,025	0,280
CHR5	2210917	CHR5:2210917	SSF x Far_LoA	-8,309	0,037	0,296
CHR5	2211008	CHR5:2211008	SSF x Far_LoA	-10,225	-0,069	0,296
CHR5	2229100	CHR5:2229100	SSF x Far_LoA	-7,562	0,150	0,284
CHR5	2229150	CHR5:2229150	SSF x Far_LoA	-8,238	-0,010	0,300
CHR5	2229264	CHR5:2229264	SSF x Far_LoA	-10,855	-0,074	0,271
CHR5	2229281	CHR5:2229281	SSF x Far_LoA	-7,625	-0,149	0,287
CHR5	2234894	CHR5:2234894	SSF x Far_LoA	-9,210	0,071	0,293
CHR5	2234923	CHR5:2234923	SSF x Far_LoA	-7,036	-0,066	0,297
CHR5	2235014	CHR5:2235014	SSF x Far_LoA	-8,322	0,057	0,282
CHR5	2243240	CHR5:2243240	SSF x Far_LoA	-9,112	0,059	0,289
CHR5	2243256	CHR5:2243256	SSF x Far_LoA	-8,599	-0,004	0,297
CHR5	2243380	CHR5:2243380	SSF x Far_LoA	-10,347	0,021	0,299
CHR5	2243397	CHR5:2243397	SSF x Far_LoA	-10,885	0,013	0,297
CHR5	2248113	CHR5:2248113	SSF x Far_LoA	-10,178	0,049	0,281
CHR5	2256013	CHR5:2256013	SSF x Far_LoA	-9,748	-0,056	0,293
CHR5	2256092	CHR5:2256092	SSF x Far_LoA	-9,430	-0,054	0,283

CHR5	2256161	CHR5:2256161	SSF x Far_LoA	-10,182	0,039	0,293
CHR5	2256162	CHR5:2256162	SSF x Far_LoA	-7,006	0,032	0,294
CHR5	2257849	CHR5:2257849	SSF x Far_LoA	-8,418	0,199	0,286
CHR5	2271181	CHR5:2271181	SSF x Far_LoA	-9,377	0,066	0,297
CHR5	2271182	CHR5:2271182	SSF x Far_LoA	-8,786	0,046	0,295
CHR5	2271202	CHR5:2271202	SSF x Far_LoA	-10,545	-0,039	0,289
CHR5	2281920	CHR5:2281920	SSF x Far_LoA	-10,069	0,014	0,288
CHR5	2282027	CHR5:2282027	SSF x Far_LoA	-8,121	-0,002	0,287
CHR5	2282073	CHR5:2282073	SSF x Far_LoA	-9,225	0,088	0,277
CHR5	2314361	CHR5:2314361	SSF x Far_LoA	-9,333	-0,095	0,304
CHR5	2314412	CHR5:2314412	SSF x Far_LoA	-8,965	0,055	0,285
CHR5	2314485	CHR5:2314485	SSF x Far_LoA	-8,505	-0,056	0,289
CHR5	2314589	CHR5:2314589	SSF x Far_LoA	-11,048	-0,080	0,277
CHR5	2314669	CHR5:2314669	SSF x Far_LoA	-5,524	0,095	0,299
CHR5	2335672	CHR5:2335672	SSF x Far_LoA	-8,854	-0,066	0,284
CHR5	2335802	CHR5:2335802	SSF x Far_LoA	-7,539	0,137	0,271
CHR5	2335830	CHR5:2335830	SSF x Far_LoA	-3,191	0,125	0,283
CHR5	2335868	CHR5:2335868	SSF x Far_LoA	-8,095	0,115	0,291
CHR5	2337270	CHR5:2337270	SSF x Far_LoA	-10,535	-0,024	0,298
CHR5	2337343	CHR5:2337343	SSF x Far_LoA	-8,482	-0,117	0,287
CHR5	2339008	CHR5:2339008	SSF x Far_LoA	-7,158	-0,208	0,284
CHR5	2339040	CHR5:2339040	SSF x Far_LoA	-9,016	0,048	0,306
CHR5	2339097	CHR5:2339097	SSF x Far_LoA	-4,578	0,104	0,290
CHR5	2339188	CHR5:2339188	SSF x Far_LoA	-8,368	0,155	0,298
CHR5	2339218	CHR5:2339218	SSF x Far_LoA	-5,141	-0,079	0,305
CHR5	2342506	CHR5:2342506	SSF x Far_LoA	-11,624	0,015	0,286
CHR5	2342536	CHR5:2342536	SSF x Far_LoA	-8,049	0,100	0,284
CHR5	2342561	CHR5:2342561	SSF x Far_LoA	-9,566	-0,108	0,280
CHR5	2343619	CHR5:2343619	SSF x Far_LoA	-8,885	-0,084	0,298
CHR5	2351113	CHR5:2351113	SSF x Far_LoA	-11,282	-0,034	0,278
CHR5	2351212	CHR5:2351212	SSF x Far_LoA	-9,663	0,071	0,286
CHR5	2361555	CHR5:2361555	SSF x Far_LoA	-11,533	0,070	0,289
CHR5	2361646	CHR5:2361646	SSF x Far_LoA	-9,279	0,047	0,282
CHR5	2361648	CHR5:2361648	SSF x Far_LoA	-6,468	0,145	0,279
CHR5	2361844	CHR5:2361844	SSF x Far_LoA	-8,954	0,114	0,291
CHR5	2363152	CHR5:2363152	SSF x Far_LoA	-6,831	0,059	0,278
CHR5	2363159	CHR5:2363159	SSF x Far_LoA	-9,321	-0,060	0,290
CHR5	2363176	CHR5:2363176	SSF x Far_LoA	-8,112	-0,020	0,305
CHR5	2363220	CHR5:2363220	SSF x Far_LoA	-8,996	0,091	0,281
CHR5	2363224	CHR5:2363224	SSF x Far_LoA	-5,834	0,151	0,276
CHR5	2363241	CHR5:2363241	SSF x Far_LoA	-8,577	-0,103	0,293
CHR5	2371118	CHR5:2371118	SSF x Far_LoA	-9,980	0,087	0,289
CHR5	2371154	CHR5:2371154	SSF x Far_LoA	-11,176	-0,018	0,296
CHR5	2382489	CHR5:2382489	SSF x Far_LoA	-9,008	0,093	0,286
CHR5	2382529	CHR5:2382529	SSF x Far_LoA	-6,502	-0,152	0,296
CHR5	2382557	CHR5:2382557	SSF x Far_LoA	-10,343	-0,084	0,299
CHR5	2382566	CHR5:2382566	SSF x Far_LoA	-10,179	0,000	0,301
CHR5	2382593	CHR5:2382593	SSF x Far_LoA	-6,427	0,015	0,274
CHR5	2384517	CHR5:2384517	SSF x Far_LoA	-9,497	-0,057	0,287
CHR5	2401469	CHR5:2401469	SSF x Far_LoA	-8,528	-0,125	0,294
CHR5	2401677	CHR5:2401677	SSF x Far_LoA	-7,090	0,128	0,284
CHR5	2401749	CHR5:2401749	SSF x Far_LoA	-9,201	-0,023	0,308
CHR5	2401805	CHR5:2401805	SSF x Far_LoA	-7,579	-0,038	0,288

CHR5	2403730	CHR5:2403730	SSF x Far_LoA	-9,261	0,009	0,277
CHR5	2403748	CHR5:2403748	SSF x Far_LoA	-7,302	0,079	0,295
CHR5	2403866	CHR5:2403866	SSF x Far_LoA	-11,436	0,020	0,283
CHR5	2403868	CHR5:2403868	SSF x Far_LoA	-7,479	-0,098	0,284
CHR5	2416757	CHR5:2416757	SSF x Far_LoA	-11,941	-0,006	0,295
CHR5	2419077	CHR5:2419077	SSF x Far_LoA	-8,427	0,018	0,290
CHR5	2419208	CHR5:2419208	SSF x Far_LoA	-11,152	-0,044	0,298
CHR5	2419255	CHR5:2419255	SSF x Far_LoA	-6,323	0,148	0,283
CHR5	2419311	CHR5:2419311	SSF x Far_LoA	-9,822	-0,009	0,280
CHR5	2421781	CHR5:2421781	SSF x Far_LoA	-8,591	0,230	0,267
CHR5	2421798	CHR5:2421798	SSF x Far_LoA	-8,841	-0,053	0,301
CHR5	2421822	CHR5:2421822	SSF x Far_LoA	-8,162	-0,079	0,304
CHR5	2421832	CHR5:2421832	SSF x Far_LoA	-7,989	0,077	0,283
CHR5	2425697	CHR5:2425697	SSF x Far_LoA	-4,536	0,118	0,293
CHR5	2425698	CHR5:2425698	SSF x Far_LoA	-7,466	0,108	0,290
CHR5	2425783	CHR5:2425783	SSF x Far_LoA	-11,269	-0,001	0,289
CHR5	2425879	CHR5:2425879	SSF x Far_LoA	-10,347	0,077	0,280
CHR5	2433650	CHR5:2433650	SSF x Far_LoA	-8,697	0,015	0,296
CHR5	2442211	CHR5:2442211	SSF x Far_LoA	-7,306	0,091	0,289
CHR5	2451138	CHR5:2451138	SSF x Far_LoA	-8,360	-0,126	0,296
CHR5	2451144	CHR5:2451144	SSF x Far_LoA	-4,138	-0,174	0,276
CHR5	2451191	CHR5:2451191	SSF x Far_LoA	-8,537	0,050	0,291
CHR5	2451199	CHR5:2451199	SSF x Far_LoA	-7,463	0,090	0,287
CHR5	2468255	CHR5:2468255	SSF x Far_LoA	-6,550	0,057	0,292
CHR5	2468289	CHR5:2468289	SSF x Far_LoA	-7,536	0,132	0,291
CHR5	2469149	CHR5:2469149	SSF x Far_LoA	-11,386	-0,001	0,291
CHR5	2469183	CHR5:2469183	SSF x Far_LoA	-8,534	0,041	0,282
CHR5	2474633	CHR5:2474633	SSF x Far_LoA	-10,416	-0,061	0,281
CHR5	2474694	CHR5:2474694	SSF x Far_LoA	-10,222	0,096	0,302
CHR5	2474876	CHR5:2474876	SSF x Far_LoA	-4,702	0,098	0,295
CHR5	2500077	CHR5:2500077	SSF x Far_LoA	-8,850	-0,091	0,294
CHR5	2500203	CHR5:2500203	SSF x Far_LoA	-7,628	0,131	0,283
CHR5	2500249	CHR5:2500249	SSF x Far_LoA	-5,632	0,088	0,286
CHR5	2500257	CHR5:2500257	SSF x Far_LoA	-10,356	0,066	0,308
CHR5	2500293	CHR5:2500293	SSF x Far_LoA	-8,819	0,010	0,279
CHR5	2500307	CHR5:2500307	SSF x Far_LoA	-8,132	0,008	0,290
CHR5	2500310	CHR5:2500310	SSF x Far_LoA	-7,723	-0,033	0,301
CHR5	2513700	CHR5:2513700	SSF x Far_LoA	-9,692	-0,017	0,292
CHR5	2513772	CHR5:2513772	SSF x Far_LoA	-7,852	0,070	0,282
CHR5	2513778	CHR5:2513778	SSF x Far_LoA	-8,860	0,051	0,291
CHR5	2549374	CHR5:2549374	SSF x Far_LoA	-9,216	0,066	0,294
CHR5	2549504	CHR5:2549504	SSF x Far_LoA	-10,498	0,097	0,278
CHR5	2549506	CHR5:2549506	SSF x Far_LoA	-0,682	0,032	0,262
CHR5	2549518	CHR5:2549518	SSF x Far_LoA	-10,194	0,017	0,293
CHR5	2551199	CHR5:2551199	SSF x Far_LoA	-7,702	-0,153	0,294
CHR5	2551444	CHR5:2551444	SSF x Far_LoA	-9,868	0,035	0,293
CHR5	2564032	CHR5:2564032	SSF x Far_LoA	-7,286	-0,097	0,308
CHR5	2564281	CHR5:2564281	SSF x Far_LoA	-10,983	0,083	0,298
CHR5	2597690	CHR5:2597690	SSF x Far_LoA	-10,548	-0,029	0,292
CHR5	2603917	CHR5:2603917	SSF x Far_LoA	-4,676	-0,019	0,298
CHR5	2604556	CHR5:2604556	SSF x Far_LoA	-10,920	0,059	0,285
CHR5	2607157	CHR5:2607157	SSF x Far_LoA	-7,750	0,208	0,284
CHR5	2607164	CHR5:2607164	SSF x Far_LoA	-8,918	-0,088	0,299

CHR5	2607320	CHR5:2607320	SSF x Far_LoA	-10,382	0,035	0,292
CHR5	2652857	CHR5:2652857	SSF x Far_LoA	-6,595	0,050	0,298
CHR5	2652878	CHR5:2652878	SSF x Far_LoA	-7,772	0,052	0,293
CHR5	2652879	CHR5:2652879	SSF x Far_LoA	-8,310	0,062	0,291
CHR5	2653688	CHR5:2653688	SSF x Far_LoA	-10,998	0,040	0,265
CHR5	2653691	CHR5:2653691	SSF x Far_LoA	-10,392	0,088	0,301
CHR5	2657212	CHR5:2657212	SSF x Far_LoA	-10,127	-0,093	0,280
CHR5	2657217	CHR5:2657217	SSF x Far_LoA	-8,686	0,199	0,279
CHR5	2672043	CHR5:2672043	SSF x Far_LoA	-11,526	0,099	0,289
CHR5	2672060	CHR5:2672060	SSF x Far_LoA	-12,355	0,034	0,282
CHR5	2730989	CHR5:2730989	SSF x Far_LoA	-9,971	0,048	0,303
CHR5	2732842	CHR5:2732842	SSF x Far_LoA	-7,505	-0,121	0,295
CHR5	2733030	CHR5:2733030	SSF x Far_LoA	-5,723	0,111	0,285
CHR5	2733104	CHR5:2733104	SSF x Far_LoA	-10,469	-0,037	0,290
CHR5	2733133	CHR5:2733133	SSF x Far_LoA	-11,102	-0,006	0,287
CHR5	2733137	CHR5:2733137	SSF x Far_LoA	-7,625	0,163	0,281
CHR5	2733177	CHR5:2733177	SSF x Far_LoA	-9,340	0,064	0,308
CHR5	2733253	CHR5:2733253	SSF x Far_LoA	-9,668	0,167	0,281
CHR5	2733263	CHR5:2733263	SSF x Far_LoA	-3,566	0,154	0,303
CHR5	2733278	CHR5:2733278	SSF x Far_LoA	-9,196	-0,122	0,290
CHR5	2775147	CHR5:2775147	SSF x Far_LoA	0,429	0,145	0,292
CHR5	2781560	CHR5:2781560	SSF x Far_LoA	-12,473	0,030	0,283
CHR5	2783149	CHR5:2783149	SSF x Far_LoA	-10,196	0,009	0,301
CHR5	2783415	CHR5:2783415	SSF x Far_LoA	-10,664	0,093	0,291
CHR5	2803734	CHR5:2803734	SSF x Far_LoA	-8,916	0,071	0,289
CHR5	2817125	CHR5:2817125	SSF x Far_LoA	-6,878	0,186	0,281
CHR5	2817131	CHR5:2817131	SSF x Far_LoA	-4,962	0,182	0,299
CHR5	2817152	CHR5:2817152	SSF x Far_LoA	-6,902	0,119	0,293
CHR5	2817718	CHR5:2817718	SSF x Far_LoA	-3,492	-0,162	0,282
CHR5	2817742	CHR5:2817742	SSF x Far_LoA	-10,770	-0,042	0,301
CHR5	2821024	CHR5:2821024	SSF x Far_LoA	-8,899	-0,146	0,295
CHR5	2821034	CHR5:2821034	SSF x Far_LoA	-7,978	0,010	0,290
CHR5	2821210	CHR5:2821210	SSF x Far_LoA	-8,684	-0,060	0,291
CHR5	2821214	CHR5:2821214	SSF x Far_LoA	-6,531	-0,063	0,303
CHR5	2822374	CHR5:2822374	SSF x Far_LoA	-7,261	0,002	0,286
CHR5	2857441	CHR5:2857441	SSF x Far_LoA	-9,307	-0,021	0,277
CHR5	2857464	CHR5:2857464	SSF x Far_LoA	-5,959	-0,053	0,299
CHR5	2857485	CHR5:2857485	SSF x Far_LoA	-11,755	0,036	0,288
CHR5	2857546	CHR5:2857546	SSF x Far_LoA	-10,829	0,043	0,299
CHR5	2857665	CHR5:2857665	SSF x Far_LoA	-9,923	0,000	0,289
CHR5	2857790	CHR5:2857790	SSF x Far_LoA	-10,194	-0,020	0,298
CHR5	2869408	CHR5:2869408	SSF x Far_LoA	-12,329	-0,006	0,297
CHR5	2869479	CHR5:2869479	SSF x Far_LoA	-10,314	0,113	0,283
CHR5	2869498	CHR5:2869498	SSF x Far_LoA	-9,395	0,050	0,291
CHR5	2869633	CHR5:2869633	SSF x Far_LoA	-2,565	0,055	0,283
CHR5	2903013	CHR5:2903013	SSF x Far_LoA	-9,150	-0,146	0,288
CHR5	2903146	CHR5:2903146	SSF x Far_LoA	-11,713	0,051	0,279
CHR5	2913443	CHR5:2913443	SSF x Far_LoA	-9,707	0,052	0,297
CHR5	2913462	CHR5:2913462	SSF x Far_LoA	-10,773	0,067	0,289
CHR5	2913663	CHR5:2913663	SSF x Far_LoA	-10,517	0,049	0,293
CHR5	2913827	CHR5:2913827	SSF x Far_LoA	-9,701	0,034	0,290
CHR5	2913828	CHR5:2913828	SSF x Far_LoA	-9,135	0,044	0,284
CHR5	2913863	CHR5:2913863	SSF x Far_LoA	-8,789	0,084	0,275

CHR5	2913911	CHR5:2913911	SSF x Far_LoA	-10,265	-0,015	0,283
CHR5	2942268	CHR5:2942268	SSF x Far_LoA	-8,518	0,016	0,282
CHR5	2942645	CHR5:2942645	SSF x Far_LoA	-6,982	-0,046	0,298
CHR5	2942699	CHR5:2942699	SSF x Far_LoA	-8,945	-0,053	0,278
CHR5	2945910	CHR5:2945910	SSF x Far_LoA	-9,535	-0,133	0,273
CHR5	2948819	CHR5:2948819	SSF x Far_LoA	-11,240	-0,028	0,290
CHR5	2948832	CHR5:2948832	SSF x Far_LoA	-6,635	-0,088	0,278
CHR5	2951669	CHR5:2951669	SSF x Far_LoA	-10,672	0,016	0,289
CHR5	2951676	CHR5:2951676	SSF x Far_LoA	-8,817	-0,034	0,305
CHR5	2951677	CHR5:2951677	SSF x Far_LoA	-9,509	0,022	0,279
CHR5	2951684	CHR5:2951684	SSF x Far_LoA	-10,429	0,113	0,292
CHR5	2951819	CHR5:2951819	SSF x Far_LoA	-11,154	0,069	0,285
CHR5	2954734	CHR5:2954734	SSF x Far_LoA	-10,606	-0,101	0,295
CHR5	2967011	CHR5:2967011	SSF x Far_LoA	-7,809	-0,088	0,306
CHR5	2970209	CHR5:2970209	SSF x Far_LoA	-11,705	0,034	0,291
CHR5	2978111	CHR5:2978111	SSF x Far_LoA	-11,283	0,102	0,283
CHR5	2978152	CHR5:2978152	SSF x Far_LoA	-10,807	-0,020	0,286
CHR5	2978156	CHR5:2978156	SSF x Far_LoA	3,545	-0,139	0,277
CHR5	2978167	CHR5:2978167	SSF x Far_LoA	-9,796	-0,089	0,282
CHR5	2978298	CHR5:2978298	SSF x Far_LoA	-7,130	0,090	0,281
CHR5	2978307	CHR5:2978307	SSF x Far_LoA	-7,410	0,016	0,309
CHR5	2991184	CHR5:2991184	SSF x Far_LoA	-9,310	0,093	0,289
CHR5	2995039	CHR5:2995039	SSF x Far_LoA	-9,254	0,051	0,293
CHR5	2995255	CHR5:2995255	SSF x Far_LoA	-10,019	0,163	0,275
CHR5	2996731	CHR5:2996731	SSF x Far_LoA	-9,331	-0,133	0,297
CHR5	2996779	CHR5:2996779	SSF x Far_LoA	-8,451	-0,020	0,290
CHR5	2996823	CHR5:2996823	SSF x Far_LoA	-7,908	0,073	0,289
CHR5	2996827	CHR5:2996827	SSF x Far_LoA	-10,764	-0,103	0,289
CHR5	2996931	CHR5:2996931	SSF x Far_LoA	-8,949	0,012	0,291
CHR5	2996954	CHR5:2996954	SSF x Far_LoA	-8,500	-0,191	0,275
CHR5	3033256	CHR5:3033256	SSF x Far_LoA	-8,723	0,038	0,286
CHR5	3033273	CHR5:3033273	SSF x Far_LoA	-10,087	-0,025	0,296
CHR5	3033342	CHR5:3033342	SSF x Far_LoA	-9,882	-0,011	0,276
CHR5	3035173	CHR5:3035173	SSF x Far_LoA	-8,162	0,033	0,288
CHR5	3035200	CHR5:3035200	SSF x Far_LoA	-9,323	-0,113	0,295
CHR5	3035208	CHR5:3035208	SSF x Far_LoA	-8,205	-0,140	0,306
CHR5	3035219	CHR5:3035219	SSF x Far_LoA	-6,226	0,212	0,273
CHR5	3042059	CHR5:3042059	SSF x Far_LoA	-8,281	-0,031	0,300
CHR5	3042145	CHR5:3042145	SSF x Far_LoA	-11,631	0,084	0,293
CHR5	3042267	CHR5:3042267	SSF x Far_LoA	-9,541	-0,043	0,293
CHR5	3055404	CHR5:3055404	SSF x Far_LoA	-8,054	0,104	0,282
CHR5	3067841	CHR5:3067841	SSF x Far_LoA	-7,073	0,080	0,283
CHR5	3116132	CHR5:3116132	SSF x Far_LoA	-9,564	-0,040	0,300
CHR5	3125554	CHR5:3125554	SSF x Far_LoA	-9,378	0,022	0,285
CHR5	3160448	CHR5:3160448	SSF x Far_LoA	-6,914	-0,078	0,290
CHR5	3160516	CHR5:3160516	SSF x Far_LoA	-10,792	-0,028	0,300
CHR5	3160539	CHR5:3160539	SSF x Far_LoA	-9,873	-0,052	0,280
CHR5	3171399	CHR5:3171399	SSF x Far_LoA	-10,517	-0,036	0,292
CHR5	3171450	CHR5:3171450	SSF x Far_LoA	-9,652	0,034	0,280
CHR5	3171469	CHR5:3171469	SSF x Far_LoA	-10,405	-0,021	0,302
CHR5	3171482	CHR5:3171482	SSF x Far_LoA	-10,021	0,061	0,284
CHR5	3171488	CHR5:3171488	SSF x Far_LoA	-9,016	0,055	0,276
CHR5	3173124	CHR5:3173124	SSF x Far_LoA	-10,808	-0,065	0,280

CHR5	3173139	CHR5:3173139	SSF x Far_LoA	-9,628	0,068	0,277
CHR5	3173157	CHR5:3173157	SSF x Far_LoA	-10,761	0,104	0,290
CHR5	3180382	CHR5:3180382	SSF x Far_LoA	-12,352	-0,055	0,283
CHR5	3181511	CHR5:3181511	SSF x Far_LoA	-9,572	0,005	0,297
CHR5	3198452	CHR5:3198452	SSF x Far_LoA	-6,755	-0,029	0,293
CHR5	3198472	CHR5:3198472	SSF x Far_LoA	-5,043	-0,119	0,286
CHR5	3198527	CHR5:3198527	SSF x Far_LoA	-8,959	0,063	0,295
CHR5	3198541	CHR5:3198541	SSF x Far_LoA	-6,767	-0,058	0,287
CHR5	3198577	CHR5:3198577	SSF x Far_LoA	-9,548	-0,094	0,289
CHR5	3198661	CHR5:3198661	SSF x Far_LoA	-7,426	-0,109	0,295
CHR5	3216348	CHR5:3216348	SSF x Far_LoA	-10,908	0,021	0,303
CHR5	3216377	CHR5:3216377	SSF x Far_LoA	-11,293	0,008	0,276
CHR5	3216386	CHR5:3216386	SSF x Far_LoA	-10,330	0,048	0,296
CHR5	3216408	CHR5:3216408	SSF x Far_LoA	-11,801	-0,082	0,274
CHR5	3216419	CHR5:3216419	SSF x Far_LoA	-10,357	0,071	0,293
CHR5	3218996	CHR5:3218996	SSF x Far_LoA	-10,983	-0,063	0,275
CHR5	3219039	CHR5:3219039	SSF x Far_LoA	-10,501	-0,042	0,288
CHR5	3224345	CHR5:3224345	SSF x Far_LoA	-11,352	0,033	0,305
CHR5	3224371	CHR5:3224371	SSF x Far_LoA	-11,614	-0,010	0,294
CHR5	3224404	CHR5:3224404	SSF x Far_LoA	-11,183	0,004	0,286
CHR5	3224423	CHR5:3224423	SSF x Far_LoA	-7,411	-0,063	0,293
CHR5	3224442	CHR5:3224442	SSF x Far_LoA	-8,220	0,054	0,297
CHR5	3224448	CHR5:3224448	SSF x Far_LoA	-8,296	0,002	0,296
CHR5	3243384	CHR5:3243384	SSF x Far_LoA	-7,864	0,140	0,304
CHR5	3247998	CHR5:3247998	SSF x Far_LoA	-6,794	0,026	0,294
CHR5	3248075	CHR5:3248075	SSF x Far_LoA	-7,667	0,073	0,279
CHR5	3289103	CHR5:3289103	SSF x Far_LoA	-5,885	-0,130	0,277
CHR5	3289133	CHR5:3289133	SSF x Far_LoA	-8,875	0,017	0,289
CHR5	3289551	CHR5:3289551	SSF x Far_LoA	-8,637	-0,045	0,293
CHR5	3316769	CHR5:3316769	SSF x Far_LoA	-9,778	0,043	0,288
CHR5	3316770	CHR5:3316770	SSF x Far_LoA	-12,024	0,022	0,297
CHR5	3316771	CHR5:3316771	SSF x Far_LoA	-11,157	0,030	0,297
CHR5	3316773	CHR5:3316773	SSF x Far_LoA	-5,570	0,106	0,283
CHR5	3316842	CHR5:3316842	SSF x Far_LoA	-10,255	0,090	0,292
CHR5	3343061	CHR5:3343061	SSF x Far_LoA	-8,265	0,080	0,297
CHR5	3343089	CHR5:3343089	SSF x Far_LoA	-6,280	-0,131	0,303
CHR5	3343198	CHR5:3343198	SSF x Far_LoA	-10,100	-0,026	0,296
CHR5	3350166	CHR5:3350166	SSF x Far_LoA	-7,765	0,160	0,279
CHR5	3350193	CHR5:3350193	SSF x Far_LoA	-8,122	0,123	0,297
CHR5	3350213	CHR5:3350213	SSF x Far_LoA	-10,329	-0,051	0,292
CHR5	3351581	CHR5:3351581	SSF x Far_LoA	-10,590	-0,100	0,273
CHR5	3369007	CHR5:3369007	SSF x Far_LoA	-8,245	-0,078	0,286
CHR5	3384959	CHR5:3384959	SSF x Far_LoA	-10,415	-0,106	0,285
CHR5	3389854	CHR5:3389854	SSF x Far_LoA	-10,833	-0,063	0,287
CHR5	3389860	CHR5:3389860	SSF x Far_LoA	-11,607	0,056	0,283
CHR5	3390040	CHR5:3390040	SSF x Far_LoA	-5,088	0,129	0,285
CHR5	3390220	CHR5:3390220	SSF x Far_LoA	-5,033	-0,104	0,278
CHR5	3396477	CHR5:3396477	SSF x Far_LoA	-10,891	-0,077	0,286
CHR5	3396479	CHR5:3396479	SSF x Far_LoA	-7,891	0,125	0,286
CHR5	3396520	CHR5:3396520	SSF x Far_LoA	-8,495	0,024	0,300
CHR5	3396537	CHR5:3396537	SSF x Far_LoA	-8,628	0,085	0,288
CHR5	3396543	CHR5:3396543	SSF x Far_LoA	-5,789	0,134	0,294
CHR5	3400578	CHR5:3400578	SSF x Far_LoA	-8,099	-0,016	0,295

CHR5	3400580	CHR5:3400580	SSF x Far_LoA	-2,278	0,076	0,285
CHR5	3413162	CHR5:3413162	SSF x Far_LoA	-10,099	-0,120	0,289
CHR5	3413510	CHR5:3413510	SSF x Far_LoA	-10,958	0,053	0,298
CHR5	3416732	CHR5:3416732	SSF x Far_LoA	-10,437	0,023	0,282
CHR5	3440401	CHR5:3440401	SSF x Far_LoA	-11,418	-0,032	0,300
CHR5	3440547	CHR5:3440547	SSF x Far_LoA	-8,419	0,214	0,266
CHR5	3440582	CHR5:3440582	SSF x Far_LoA	-9,118	-0,029	0,304
CHR5	3442512	CHR5:3442512	SSF x Far_LoA	-8,329	-0,179	0,281
CHR5	3442527	CHR5:3442527	SSF x Far_LoA	-7,820	-0,024	0,301
CHR5	3462990	CHR5:3462990	SSF x Far_LoA	-8,287	0,067	0,282
CHR5	3463043	CHR5:3463043	SSF x Far_LoA	-8,059	0,088	0,287
CHR5	3463172	CHR5:3463172	SSF x Far_LoA	-9,633	-0,031	0,299
CHR5	3472439	CHR5:3472439	SSF x Far_LoA	-1,662	-0,217	0,278
CHR5	3472467	CHR5:3472467	SSF x Far_LoA	-0,793	-0,192	0,270
CHR5	3514865	CHR5:3514865	SSF x Far_LoA	-8,863	-0,034	0,297
CHR5	3514867	CHR5:3514867	SSF x Far_LoA	-7,986	0,031	0,291
CHR5	3514965	CHR5:3514965	SSF x Far_LoA	-9,100	0,139	0,268
CHR5	3515242	CHR5:3515242	SSF x Far_LoA	-8,533	-0,057	0,301
CHR5	3518393	CHR5:3518393	SSF x Far_LoA	-7,946	0,122	0,293
CHR5	3530959	CHR5:3530959	SSF x Far_LoA	-9,933	0,090	0,283
CHR5	3531196	CHR5:3531196	SSF x Far_LoA	-8,051	0,013	0,299
CHR5	3531302	CHR5:3531302	SSF x Far_LoA	-9,841	-0,008	0,287
CHR5	3532734	CHR5:3532734	SSF x Far_LoA	-11,428	-0,099	0,290
CHR5	3549173	CHR5:3549173	SSF x Far_LoA	-10,276	-0,019	0,289
CHR5	3549174	CHR5:3549174	SSF x Far_LoA	-8,890	0,034	0,303
CHR5	3549206	CHR5:3549206	SSF x Far_LoA	-8,271	0,166	0,280
CHR5	3549370	CHR5:3549370	SSF x Far_LoA	-7,610	0,129	0,289
CHR5	3555209	CHR5:3555209	SSF x Far_LoA	-2,354	-0,167	0,276
CHR5	3555232	CHR5:3555232	SSF x Far_LoA	-10,423	-0,057	0,276
CHR5	3561908	CHR5:3561908	SSF x Far_LoA	-8,715	-0,011	0,285
CHR5	3561955	CHR5:3561955	SSF x Far_LoA	-10,627	-0,085	0,287
CHR5	3561961	CHR5:3561961	SSF x Far_LoA	-10,315	0,078	0,299
CHR5	3562136	CHR5:3562136	SSF x Far_LoA	-10,451	-0,053	0,306
CHR5	3562226	CHR5:3562226	SSF x Far_LoA	-11,223	-0,069	0,290
CHR5	3570956	CHR5:3570956	SSF x Far_LoA	-4,088	-0,168	0,282
CHR5	3571130	CHR5:3571130	SSF x Far_LoA	-10,064	0,013	0,292
CHR5	3571168	CHR5:3571168	SSF x Far_LoA	-12,046	-0,012	0,297
CHR5	3571182	CHR5:3571182	SSF x Far_LoA	-11,663	-0,047	0,287
CHR5	3573615	CHR5:3573615	SSF x Far_LoA	-3,463	0,037	0,294
CHR5	3573616	CHR5:3573616	SSF x Far_LoA	-10,808	0,047	0,296
CHR5	3579159	CHR5:3579159	SSF x Far_LoA	-9,891	0,089	0,302
CHR5	3591343	CHR5:3591343	SSF x Far_LoA	-7,709	0,103	0,295
CHR5	3608207	CHR5:3608207	SSF x Far_LoA	-8,904	0,047	0,274
CHR5	3608244	CHR5:3608244	SSF x Far_LoA	-8,771	0,064	0,291
CHR5	3608293	CHR5:3608293	SSF x Far_LoA	-6,611	-0,160	0,291
CHR5	3630139	CHR5:3630139	SSF x Far_LoA	-10,698	0,007	0,297
CHR5	3630725	CHR5:3630725	SSF x Far_LoA	-9,192	0,081	0,287
CHR5	3630760	CHR5:3630760	SSF x Far_LoA	-8,364	-0,021	0,305
CHR5	3631922	CHR5:3631922	SSF x Far_LoA	-10,508	-0,087	0,289
CHR5	3631969	CHR5:3631969	SSF x Far_LoA	-10,129	-0,085	0,296
CHR5	3632163	CHR5:3632163	SSF x Far_LoA	-10,124	0,093	0,271
CHR5	3632254	CHR5:3632254	SSF x Far_LoA	-9,335	0,013	0,302
CHR5	3632269	CHR5:3632269	SSF x Far_LoA	-10,858	0,024	0,284

CHR5	3636451	CHR5:3636451	SSF x Far_LoA	-6,310	0,081	0,281
CHR5	3643336	CHR5:3643336	SSF x Far_LoA	-11,000	0,022	0,289
CHR5	3650528	CHR5:3650528	SSF x Far_LoA	-8,647	0,002	0,292
CHR5	3650541	CHR5:3650541	SSF x Far_LoA	-9,348	-0,018	0,282
CHR5	3650573	CHR5:3650573	SSF x Far_LoA	-8,577	0,067	0,279
CHR5	3650581	CHR5:3650581	SSF x Far_LoA	-6,733	0,124	0,287
CHR5	3650590	CHR5:3650590	SSF x Far_LoA	-11,103	-0,082	0,294
CHR5	3671414	CHR5:3671414	SSF x Far_LoA	-3,424	0,055	0,293
CHR5	3671506	CHR5:3671506	SSF x Far_LoA	-9,058	0,075	0,292
CHR5	3677957	CHR5:3677957	SSF x Far_LoA	-9,895	0,133	0,294
CHR5	3678264	CHR5:3678264	SSF x Far_LoA	-6,520	-0,159	0,297
CHR5	3679380	CHR5:3679380	SSF x Far_LoA	-11,264	-0,023	0,304
CHR5	3679463	CHR5:3679463	SSF x Far_LoA	-8,687	0,035	0,302
CHR5	3679552	CHR5:3679552	SSF x Far_LoA	-7,379	-0,043	0,301
CHR5	3686129	CHR5:3686129	SSF x Far_LoA	-7,804	0,078	0,301
CHR5	3689013	CHR5:3689013	SSF x Far_LoA	-9,698	0,045	0,284
CHR5	3689017	CHR5:3689017	SSF x Far_LoA	-10,669	0,039	0,291
CHR5	3689035	CHR5:3689035	SSF x Far_LoA	-9,631	-0,013	0,302
CHR5	3700499	CHR5:3700499	SSF x Far_LoA	-10,359	0,004	0,296
CHR5	3700592	CHR5:3700592	SSF x Far_LoA	-6,620	-0,118	0,288
CHR5	3722306	CHR5:3722306	SSF x Far_LoA	-10,143	0,054	0,285
CHR5	3722471	CHR5:3722471	SSF x Far_LoA	-8,505	0,004	0,278
CHR5	3722503	CHR5:3722503	SSF x Far_LoA	-10,289	-0,029	0,279
CHR5	3722505	CHR5:3722505	SSF x Far_LoA	-10,182	-0,058	0,277
CHR5	3722538	CHR5:3722538	SSF x Far_LoA	-8,583	0,099	0,291
CHR5	3734092	CHR5:3734092	SSF x Far_LoA	-9,631	0,070	0,293
CHR5	3734319	CHR5:3734319	SSF x Far_LoA	-8,879	-0,036	0,284
CHR5	3734364	CHR5:3734364	SSF x Far_LoA	-10,757	-0,028	0,304
CHR5	3748544	CHR5:3748544	SSF x Far_LoA	-6,466	-0,123	0,279
CHR5	3748568	CHR5:3748568	SSF x Far_LoA	-8,227	0,070	0,287
CHR5	3748578	CHR5:3748578	SSF x Far_LoA	-6,510	0,076	0,278
CHR5	3748848	CHR5:3748848	SSF x Far_LoA	-8,688	0,049	0,290
CHR5	3755944	CHR5:3755944	SSF x Far_LoA	-9,490	-0,160	0,281
CHR5	3755956	CHR5:3755956	SSF x Far_LoA	-4,821	0,108	0,297
CHR5	3756024	CHR5:3756024	SSF x Far_LoA	-9,671	-0,102	0,292
CHR5	3756718	CHR5:3756718	SSF x Far_LoA	-10,306	-0,024	0,300
CHR5	3756783	CHR5:3756783	SSF x Far_LoA	-6,817	-0,101	0,304
CHR5	3756788	CHR5:3756788	SSF x Far_LoA	-12,248	-0,048	0,274
CHR5	3764497	CHR5:3764497	SSF x Far_LoA	-4,321	-0,175	0,275
CHR5	3764687	CHR5:3764687	SSF x Far_LoA	-8,135	-0,237	0,261
CHR5	3785769	CHR5:3785769	SSF x Far_LoA	-7,803	0,017	0,278
CHR5	3785778	CHR5:3785778	SSF x Far_LoA	-7,955	0,109	0,281
CHR5	3785830	CHR5:3785830	SSF x Far_LoA	-8,109	-0,015	0,292
CHR5	3785854	CHR5:3785854	SSF x Far_LoA	-10,996	-0,034	0,286
CHR5	3785865	CHR5:3785865	SSF x Far_LoA	-9,899	-0,027	0,286
CHR5	3785903	CHR5:3785903	SSF x Far_LoA	-12,047	0,023	0,291
CHR5	3785926	CHR5:3785926	SSF x Far_LoA	-9,999	0,039	0,298
CHR5	3785978	CHR5:3785978	SSF x Far_LoA	-9,695	0,002	0,301
CHR5	3786012	CHR5:3786012	SSF x Far_LoA	-11,167	0,049	0,298
CHR5	3786122	CHR5:3786122	SSF x Far_LoA	-9,809	0,002	0,291
CHR5	3786153	CHR5:3786153	SSF x Far_LoA	-11,327	-0,043	0,292
CHR5	3801999	CHR5:3801999	SSF x Far_LoA	-11,328	-0,076	0,297
CHR5	3802204	CHR5:3802204	SSF x Far_LoA	-10,308	0,039	0,268

CHR5	3812209	CHR5:3812209	SSF x Far_LoA	-10,053	-0,023	0,278
CHR5	3828708	CHR5:3828708	SSF x Far_LoA	-5,140	0,027	0,297
CHR5	3829839	CHR5:3829839	SSF x Far_LoA	-4,701	0,089	0,293
CHR5	3830013	CHR5:3830013	SSF x Far_LoA	-9,984	0,017	0,294
CHR5	3836683	CHR5:3836683	SSF x Far_LoA	-5,848	0,138	0,296
CHR5	3864601	CHR5:3864601	SSF x Far_LoA	-8,739	-0,007	0,300
CHR5	3864690	CHR5:3864690	SSF x Far_LoA	-9,384	-0,013	0,304
CHR5	3864707	CHR5:3864707	SSF x Far_LoA	-9,430	-0,054	0,287
CHR5	3893616	CHR5:3893616	SSF x Far_LoA	-9,272	0,010	0,295
CHR5	3907090	CHR5:3907090	SSF x Far_LoA	-10,487	-0,095	0,298
CHR5	3908677	CHR5:3908677	SSF x Far_LoA	-7,316	0,043	0,293
CHR5	3908695	CHR5:3908695	SSF x Far_LoA	-8,578	0,076	0,290
CHR5	3908746	CHR5:3908746	SSF x Far_LoA	-10,185	-0,015	0,299
CHR5	3908794	CHR5:3908794	SSF x Far_LoA	-11,797	-0,081	0,279
CHR5	3911012	CHR5:3911012	SSF x Far_LoA	-8,307	0,030	0,293
CHR5	3911078	CHR5:3911078	SSF x Far_LoA	-9,993	-0,059	0,289
CHR5	3917395	CHR5:3917395	SSF x Far_LoA	-10,786	0,052	0,290
CHR5	3917402	CHR5:3917402	SSF x Far_LoA	-5,917	-0,183	0,287
CHR5	3934921	CHR5:3934921	SSF x Far_LoA	-10,196	0,048	0,287
CHR5	3944828	CHR5:3944828	SSF x Far_LoA	-8,677	0,033	0,282
CHR5	3944930	CHR5:3944930	SSF x Far_LoA	-8,729	0,017	0,283
CHR5	3944948	CHR5:3944948	SSF x Far_LoA	-10,458	-0,032	0,290
CHR5	3946362	CHR5:3946362	SSF x Far_LoA	-10,473	-0,049	0,292
CHR5	3973663	CHR5:3973663	SSF x Far_LoA	-10,040	-0,048	0,295
CHR5	3976174	CHR5:3976174	SSF x Far_LoA	-8,931	0,085	0,283
CHR5	4003642	CHR5:4003642	SSF x Far_LoA	-9,437	-0,101	0,287
CHR5	4003690	CHR5:4003690	SSF x Far_LoA	-10,604	0,035	0,278
CHR5	4003796	CHR5:4003796	SSF x Far_LoA	-11,655	0,100	0,273
CHR5	4003863	CHR5:4003863	SSF x Far_LoA	-9,213	0,059	0,298
CHR5	4011470	CHR5:4011470	SSF x Far_LoA	-6,735	0,150	0,294
CHR5	4011530	CHR5:4011530	SSF x Far_LoA	-2,433	-0,118	0,268
CHR5	4011561	CHR5:4011561	SSF x Far_LoA	-12,245	-0,024	0,282
CHR5	4011570	CHR5:4011570	SSF x Far_LoA	-9,087	0,106	0,281
CHR5	4011604	CHR5:4011604	SSF x Far_LoA	-6,385	-0,094	0,293
CHR5	4011617	CHR5:4011617	SSF x Far_LoA	-6,836	-0,150	0,298
CHR5	4011631	CHR5:4011631	SSF x Far_LoA	-9,192	0,033	0,304
CHR5	4056234	CHR5:4056234	SSF x Far_LoA	-9,369	0,044	0,283
CHR5	4060417	CHR5:4060417	SSF x Far_LoA	-10,083	0,047	0,283
CHR5	4062811	CHR5:4062811	SSF x Far_LoA	-9,340	0,033	0,311
CHR5	4062939	CHR5:4062939	SSF x Far_LoA	-8,642	-0,030	0,296
CHR5	4062976	CHR5:4062976	SSF x Far_LoA	-10,792	-0,024	0,301
CHR5	4074416	CHR5:4074416	SSF x Far_LoA	-6,845	-0,105	0,296
CHR5	4074723	CHR5:4074723	SSF x Far_LoA	-10,422	-0,061	0,298
CHR5	4074765	CHR5:4074765	SSF x Far_LoA	-10,881	-0,061	0,286
CHR5	4078089	CHR5:4078089	SSF x Far_LoA	-10,449	0,073	0,294
CHR5	4078111	CHR5:4078111	SSF x Far_LoA	-9,740	-0,088	0,281
CHR5	4078162	CHR5:4078162	SSF x Far_LoA	-8,618	-0,071	0,285
CHR5	4078169	CHR5:4078169	SSF x Far_LoA	-11,658	0,028	0,277
CHR5	4078239	CHR5:4078239	SSF x Far_LoA	-11,269	-0,076	0,287
CHR5	4078259	CHR5:4078259	SSF x Far_LoA	-9,085	-0,044	0,288
CHR5	4078828	CHR5:4078828	SSF x Far_LoA	-9,375	0,006	0,295
CHR5	4078834	CHR5:4078834	SSF x Far_LoA	-4,926	-0,207	0,264
CHR5	4081671	CHR5:4081671	SSF x Far_LoA	-11,843	-0,035	0,284

CHR5	4083002	CHR5:4083002	SSF x Far_LoA	-7,042	0,025	0,286
CHR5	4083171	CHR5:4083171	SSF x Far_LoA	-9,624	0,034	0,295
CHR5	4086318	CHR5:4086318	SSF x Far_LoA	-9,516	0,044	0,279
CHR5	4103800	CHR5:4103800	SSF x Far_LoA	-10,698	0,078	0,295
CHR5	4103826	CHR5:4103826	SSF x Far_LoA	-9,797	0,051	0,283
CHR5	4104139	CHR5:4104139	SSF x Far_LoA	-11,191	-0,031	0,278
CHR5	4104141	CHR5:4104141	SSF x Far_LoA	-7,533	0,031	0,305
CHR5	4104240	CHR5:4104240	SSF x Far_LoA	-8,544	-0,112	0,272
CHR5	4104271	CHR5:4104271	SSF x Far_LoA	-11,461	0,028	0,286
CHR5	4104274	CHR5:4104274	SSF x Far_LoA	-11,944	-0,003	0,288
CHR5	4115662	CHR5:4115662	SSF x Far_LoA	-10,567	0,006	0,297
CHR5	4115765	CHR5:4115765	SSF x Far_LoA	-9,087	-0,024	0,295
CHR5	4115895	CHR5:4115895	SSF x Far_LoA	-11,705	0,020	0,284
CHR5	4121766	CHR5:4121766	SSF x Far_LoA	-8,327	-0,112	0,274
CHR5	4123499	CHR5:4123499	SSF x Far_LoA	-8,434	-0,071	0,283
CHR5	4125386	CHR5:4125386	SSF x Far_LoA	-9,026	-0,002	0,277
CHR5	4125421	CHR5:4125421	SSF x Far_LoA	-9,768	-0,023	0,273
CHR5	4125458	CHR5:4125458	SSF x Far_LoA	-10,042	-0,100	0,267
CHR5	4125662	CHR5:4125662	SSF x Far_LoA	-11,031	0,027	0,286
CHR5	4125746	CHR5:4125746	SSF x Far_LoA	-10,394	0,030	0,277
CHR5	4153575	CHR5:4153575	SSF x Far_LoA	-2,042	-0,150	0,267
CHR5	4153611	CHR5:4153611	SSF x Far_LoA	-5,563	0,145	0,265
CHR5	4153756	CHR5:4153756	SSF x Far_LoA	-9,618	-0,001	0,288
CHR5	4153763	CHR5:4153763	SSF x Far_LoA	-11,436	0,001	0,289
CHR5	4153775	CHR5:4153775	SSF x Far_LoA	-9,664	-0,116	0,292
CHR5	4153851	CHR5:4153851	SSF x Far_LoA	-8,455	-0,036	0,287
CHR5	4153892	CHR5:4153892	SSF x Far_LoA	-11,073	0,093	0,293
CHR5	4208932	CHR5:4208932	SSF x Far_LoA	-12,016	0,018	0,298
CHR5	4208936	CHR5:4208936	SSF x Far_LoA	-8,717	-0,024	0,299
CHR5	4208963	CHR5:4208963	SSF x Far_LoA	-10,347	-0,038	0,295
CHR5	4214698	CHR5:4214698	SSF x Far_LoA	-4,293	-0,083	0,284
CHR5	4214788	CHR5:4214788	SSF x Far_LoA	-4,236	-0,130	0,276
CHR5	4218150	CHR5:4218150	SSF x Far_LoA	-8,924	-0,109	0,275
CHR5	4218375	CHR5:4218375	SSF x Far_LoA	-9,075	0,130	0,263
CHR5	4223577	CHR5:4223577	SSF x Far_LoA	-7,855	0,142	0,271
CHR5	4223590	CHR5:4223590	SSF x Far_LoA	-9,009	0,155	0,286
CHR5	4223627	CHR5:4223627	SSF x Far_LoA	-7,285	0,083	0,283
CHR5	4229106	CHR5:4229106	SSF x Far_LoA	-8,937	0,096	0,289
CHR5	4229131	CHR5:4229131	SSF x Far_LoA	-11,579	0,005	0,295
CHR5	4229197	CHR5:4229197	SSF x Far_LoA	-8,315	0,054	0,291
CHR5	4235591	CHR5:4235591	SSF x Far_LoA	-9,384	0,000	0,287
CHR5	4235767	CHR5:4235767	SSF x Far_LoA	-7,914	0,121	0,288
CHR5	4235791	CHR5:4235791	SSF x Far_LoA	-7,269	0,144	0,290
CHR5	4235846	CHR5:4235846	SSF x Far_LoA	-5,264	-0,061	0,301
CHR5	4235850	CHR5:4235850	SSF x Far_LoA	-6,975	-0,098	0,300
CHR5	4235855	CHR5:4235855	SSF x Far_LoA	-11,290	0,050	0,295
CHR5	4235922	CHR5:4235922	SSF x Far_LoA	-11,123	0,058	0,277
CHR5	4235941	CHR5:4235941	SSF x Far_LoA	-11,261	-0,113	0,289
CHR5	4235969	CHR5:4235969	SSF x Far_LoA	-11,144	-0,092	0,296
CHR5	4244640	CHR5:4244640	SSF x Far_LoA	-7,790	0,129	0,290
CHR5	4244896	CHR5:4244896	SSF x Far_LoA	-11,538	-0,075	0,293
CHR5	4255836	CHR5:4255836	SSF x Far_LoA	-9,185	0,033	0,290
CHR5	4256067	CHR5:4256067	SSF x Far_LoA	-7,657	0,013	0,308

CHR5	4256089	CHR5:4256089	SSF x Far_LoA	-9,169	0,070	0,292
CHR5	4256122	CHR5:4256122	SSF x Far_LoA	-8,840	-0,066	0,298
CHR5	4258224	CHR5:4258224	SSF x Far_LoA	-8,279	-0,099	0,277
CHR5	4258354	CHR5:4258354	SSF x Far_LoA	-10,564	-0,026	0,302
CHR5	4258390	CHR5:4258390	SSF x Far_LoA	-8,887	-0,023	0,303
CHR5	4258515	CHR5:4258515	SSF x Far_LoA	-8,114	-0,099	0,298
CHR5	4259506	CHR5:4259506	SSF x Far_LoA	-11,035	-0,054	0,276
CHR5	4259524	CHR5:4259524	SSF x Far_LoA	-11,727	0,073	0,287
CHR5	4259603	CHR5:4259603	SSF x Far_LoA	-11,133	0,056	0,299
CHR5	4263890	CHR5:4263890	SSF x Far_LoA	-10,002	-0,031	0,291
CHR5	4263920	CHR5:4263920	SSF x Far_LoA	-8,525	-0,054	0,288
CHR5	4263970	CHR5:4263970	SSF x Far_LoA	-8,575	-0,010	0,296
CHR5	4264000	CHR5:4264000	SSF x Far_LoA	-8,172	0,084	0,299
CHR5	4264022	CHR5:4264022	SSF x Far_LoA	-9,898	0,071	0,286
CHR5	4265419	CHR5:4265419	SSF x Far_LoA	-9,340	0,151	0,289
CHR5	4265430	CHR5:4265430	SSF x Far_LoA	-6,757	0,098	0,296
CHR5	4265463	CHR5:4265463	SSF x Far_LoA	-7,751	-0,089	0,284
CHR5	4299034	CHR5:4299034	SSF x Far_LoA	-4,173	0,228	0,281
CHR5	4300841	CHR5:4300841	SSF x Far_LoA	-12,363	0,044	0,288
CHR5	4301019	CHR5:4301019	SSF x Far_LoA	-11,185	-0,001	0,290
CHR5	4301054	CHR5:4301054	SSF x Far_LoA	-9,733	0,010	0,299
CHR5	4301066	CHR5:4301066	SSF x Far_LoA	-9,463	-0,013	0,293
CHR5	4302472	CHR5:4302472	SSF x Far_LoA	-5,649	-0,199	0,295
CHR5	4302605	CHR5:4302605	SSF x Far_LoA	-8,825	0,100	0,283
CHR5	4302702	CHR5:4302702	SSF x Far_LoA	-8,486	0,041	0,293
CHR5	4302761	CHR5:4302761	SSF x Far_LoA	-9,839	0,132	0,294
CHR5	4305458	CHR5:4305458	SSF x Far_LoA	-7,477	0,156	0,283
CHR5	4310065	CHR5:4310065	SSF x Far_LoA	-11,114	0,031	0,286
CHR5	4310086	CHR5:4310086	SSF x Far_LoA	-10,376	-0,024	0,279
CHR5	4317659	CHR5:4317659	SSF x Far_LoA	-11,207	-0,060	0,284
CHR5	4317739	CHR5:4317739	SSF x Far_LoA	-8,909	0,029	0,298
CHR5	4319168	CHR5:4319168	SSF x Far_LoA	-5,741	0,033	0,296
CHR5	4328226	CHR5:4328226	SSF x Far_LoA	-10,634	0,064	0,289
CHR5	4328253	CHR5:4328253	SSF x Far_LoA	-7,013	0,069	0,282
CHR5	4328301	CHR5:4328301	SSF x Far_LoA	-11,504	-0,048	0,286
CHR5	4329501	CHR5:4329501	SSF x Far_LoA	-11,789	0,023	0,289
CHR5	4329502	CHR5:4329502	SSF x Far_LoA	-11,188	0,059	0,289
CHR5	4329503	CHR5:4329503	SSF x Far_LoA	-10,933	0,022	0,281
CHR5	4329565	CHR5:4329565	SSF x Far_LoA	-10,770	0,094	0,290
CHR5	4329573	CHR5:4329573	SSF x Far_LoA	-8,720	0,053	0,293
CHR5	4329753	CHR5:4329753	SSF x Far_LoA	-10,470	0,070	0,265
CHR5	4338647	CHR5:4338647	SSF x Far_LoA	-7,263	-0,195	0,286
CHR5	4338695	CHR5:4338695	SSF x Far_LoA	-9,138	-0,074	0,298
CHR5	4340188	CHR5:4340188	SSF x Far_LoA	-7,363	0,034	0,290
CHR5	4343813	CHR5:4343813	SSF x Far_LoA	-10,035	0,082	0,290
CHR5	4343888	CHR5:4343888	SSF x Far_LoA	-8,384	0,079	0,295
CHR5	4343953	CHR5:4343953	SSF x Far_LoA	-9,219	0,004	0,288
CHR5	4343978	CHR5:4343978	SSF x Far_LoA	-9,267	-0,010	0,293
CHR5	4360397	CHR5:4360397	SSF x Far_LoA	-7,707	-0,137	0,288
CHR5	4360658	CHR5:4360658	SSF x Far_LoA	-8,780	0,038	0,302
CHR5	4360683	CHR5:4360683	SSF x Far_LoA	-8,998	-0,011	0,297
CHR5	4360685	CHR5:4360685	SSF x Far_LoA	-8,539	0,087	0,284
CHR5	4364449	CHR5:4364449	SSF x Far_LoA	-10,362	-0,093	0,284

CHR5	4364465	CHR5:4364465	SSF x Far_LoA	-7,608	0,043	0,291
CHR5	4364564	CHR5:4364564	SSF x Far_LoA	-10,788	-0,002	0,304
CHR5	4364825	CHR5:4364825	SSF x Far_LoA	-8,346	-0,007	0,313
CHR5	4385030	CHR5:4385030	SSF x Far_LoA	-8,656	0,107	0,299
CHR5	4386108	CHR5:4386108	SSF x Far_LoA	-9,163	0,043	0,297
CHR5	4388430	CHR5:4388430	SSF x Far_LoA	-9,964	0,068	0,294
CHR5	4401367	CHR5:4401367	SSF x Far_LoA	-10,398	-0,019	0,301
CHR5	4401389	CHR5:4401389	SSF x Far_LoA	-11,133	0,028	0,294
CHR5	4401547	CHR5:4401547	SSF x Far_LoA	-9,621	0,166	0,287
CHR5	4405487	CHR5:4405487	SSF x Far_LoA	-11,828	0,121	0,291
CHR5	4405531	CHR5:4405531	SSF x Far_LoA	-10,587	-0,046	0,275
CHR5	4419068	CHR5:4419068	SSF x Far_LoA	-8,873	0,011	0,300
CHR5	4419167	CHR5:4419167	SSF x Far_LoA	-11,524	0,091	0,291
CHR5	4419186	CHR5:4419186	SSF x Far_LoA	-9,671	0,020	0,297
CHR5	4419201	CHR5:4419201	SSF x Far_LoA	-6,999	-0,152	0,285
CHR5	4419211	CHR5:4419211	SSF x Far_LoA	-11,593	0,018	0,282
CHR5	4419258	CHR5:4419258	SSF x Far_LoA	-2,709	-0,076	0,304
CHR5	4419311	CHR5:4419311	SSF x Far_LoA	-10,786	0,016	0,299
CHR5	4419322	CHR5:4419322	SSF x Far_LoA	-8,282	-0,055	0,300
CHR5	4420953	CHR5:4420953	SSF x Far_LoA	-8,860	0,050	0,290
CHR5	4423101	CHR5:4423101	SSF x Far_LoA	-8,572	-0,118	0,293
CHR5	4423131	CHR5:4423131	SSF x Far_LoA	-6,757	-0,114	0,291
CHR5	4423132	CHR5:4423132	SSF x Far_LoA	-9,176	0,033	0,307
CHR5	4423396	CHR5:4423396	SSF x Far_LoA	9,739	-0,021	0,302
CHR5	4426197	CHR5:4426197	SSF x Far_LoA	-10,085	-0,030	0,295
CHR5	4426310	CHR5:4426310	SSF x Far_LoA	-5,338	-0,126	0,307
CHR5	4426335	CHR5:4426335	SSF x Far_LoA	-9,007	-0,057	0,293
CHR5	4426406	CHR5:4426406	SSF x Far_LoA	-11,088	0,010	0,284
CHR5	4426409	CHR5:4426409	SSF x Far_LoA	-10,681	0,016	0,288
CHR5	4426517	CHR5:4426517	SSF x Far_LoA	-7,685	-0,048	0,297
CHR5	4462312	CHR5:4462312	SSF x Far_LoA	-9,609	-0,103	0,294
CHR5	4462317	CHR5:4462317	SSF x Far_LoA	-8,109	-0,037	0,298
CHR5	4462454	CHR5:4462454	SSF x Far_LoA	-6,985	0,110	0,291
CHR5	4465319	CHR5:4465319	SSF x Far_LoA	-10,279	0,029	0,285
CHR5	4468216	CHR5:4468216	SSF x Far_LoA	-9,156	-0,094	0,292
CHR5	4468255	CHR5:4468255	SSF x Far_LoA	-10,544	0,045	0,299
CHR5	4468270	CHR5:4468270	SSF x Far_LoA	-10,385	0,038	0,295
CHR5	4468516	CHR5:4468516	SSF x Far_LoA	-7,402	-0,119	0,298
CHR5	4486799	CHR5:4486799	SSF x Far_LoA	-6,284	0,131	0,284
CHR5	4486946	CHR5:4486946	SSF x Far_LoA	-9,153	-0,039	0,296
CHR5	4486980	CHR5:4486980	SSF x Far_LoA	-9,465	-0,127	0,295
CHR5	4487190	CHR5:4487190	SSF x Far_LoA	-9,495	0,072	0,286
CHR5	4487217	CHR5:4487217	SSF x Far_LoA	-10,304	-0,132	0,285
CHR5	4491361	CHR5:4491361	SSF x Far_LoA	-7,089	0,115	0,284
CHR5	4518043	CHR5:4518043	SSF x Far_LoA	-8,155	0,043	0,294
CHR5	4518092	CHR5:4518092	SSF x Far_LoA	-9,403	-0,091	0,292
CHR5	4518131	CHR5:4518131	SSF x Far_LoA	-8,827	-0,114	0,297
CHR5	4525856	CHR5:4525856	SSF x Far_LoA	-8,224	-0,095	0,300
CHR5	4537842	CHR5:4537842	SSF x Far_LoA	-9,635	-0,043	0,296
CHR5	4537989	CHR5:4537989	SSF x Far_LoA	-10,946	-0,007	0,309
CHR5	4538116	CHR5:4538116	SSF x Far_LoA	-10,150	0,024	0,297
CHR5	4538195	CHR5:4538195	SSF x Far_LoA	-11,574	0,044	0,295
CHR5	4549217	CHR5:4549217	SSF x Far_LoA	-10,413	0,047	0,293

CHR5	4549298	CHR5:4549298	SSF x Far_LoA	-10,530	-0,027	0,285
CHR5	4558974	CHR5:4558974	SSF x Far_LoA	-11,916	0,006	0,290
CHR5	4558977	CHR5:4558977	SSF x Far_LoA	-10,061	-0,005	0,298
CHR5	4558983	CHR5:4558983	SSF x Far_LoA	-9,925	-0,111	0,290
CHR5	4558986	CHR5:4558986	SSF x Far_LoA	-10,008	0,004	0,303
CHR5	4559012	CHR5:4559012	SSF x Far_LoA	-10,058	-0,113	0,288
CHR5	4559036	CHR5:4559036	SSF x Far_LoA	-8,762	-0,034	0,294
CHR5	4559068	CHR5:4559068	SSF x Far_LoA	-9,158	0,003	0,304
CHR5	4559108	CHR5:4559108	SSF x Far_LoA	-10,003	-0,047	0,285
CHR5	4559111	CHR5:4559111	SSF x Far_LoA	-10,248	0,011	0,286
CHR5	4559118	CHR5:4559118	SSF x Far_LoA	-6,195	0,042	0,299
CHR5	4559148	CHR5:4559148	SSF x Far_LoA	-9,654	0,057	0,291
CHR5	4559239	CHR5:4559239	SSF x Far_LoA	-2,298	0,011	0,293
CHR5	4559285	CHR5:4559285	SSF x Far_LoA	-10,482	0,090	0,285
CHR5	4559340	CHR5:4559340	SSF x Far_LoA	-9,550	-0,056	0,291
CHR5	4566110	CHR5:4566110	SSF x Far_LoA	-6,792	-0,145	0,289
CHR5	4566145	CHR5:4566145	SSF x Far_LoA	-8,086	-0,079	0,308
CHR5	4566464	CHR5:4566464	SSF x Far_LoA	-10,784	0,014	0,286
CHR5	4567583	CHR5:4567583	SSF x Far_LoA	-10,339	0,032	0,287
CHR5	4568245	CHR5:4568245	SSF x Far_LoA	-10,581	-0,068	0,285
CHR5	4569774	CHR5:4569774	SSF x Far_LoA	-10,186	0,006	0,291
CHR5	4569811	CHR5:4569811	SSF x Far_LoA	-9,213	0,040	0,286
CHR5	4569813	CHR5:4569813	SSF x Far_LoA	-9,429	0,004	0,290
CHR5	4569815	CHR5:4569815	SSF x Far_LoA	-8,894	0,010	0,294
CHR5	4569856	CHR5:4569856	SSF x Far_LoA	-7,374	-0,111	0,289
CHR5	4569916	CHR5:4569916	SSF x Far_LoA	-7,759	-0,112	0,270
CHR5	4569974	CHR5:4569974	SSF x Far_LoA	-8,929	-0,120	0,283
CHR5	4569999	CHR5:4569999	SSF x Far_LoA	-10,594	-0,094	0,289
CHR5	4576305	CHR5:4576305	SSF x Far_LoA	-7,966	-0,104	0,309
CHR5	4576332	CHR5:4576332	SSF x Far_LoA	-9,213	-0,046	0,291
CHR5	4582051	CHR5:4582051	SSF x Far_LoA	-10,225	-0,021	0,293
CHR5	4582785	CHR5:4582785	SSF x Far_LoA	-8,758	0,163	0,288
CHR5	4586999	CHR5:4586999	SSF x Far_LoA	-6,717	0,075	0,296
CHR5	4587015	CHR5:4587015	SSF x Far_LoA	-6,133	-0,066	0,295
CHR5	4587058	CHR5:4587058	SSF x Far_LoA	-9,665	-0,017	0,301
CHR5	4587067	CHR5:4587067	SSF x Far_LoA	-11,422	-0,015	0,284
CHR5	4601774	CHR5:4601774	SSF x Far_LoA	-8,342	0,087	0,284
CHR5	4612814	CHR5:4612814	SSF x Far_LoA	-6,529	0,100	0,285
CHR5	4627038	CHR5:4627038	SSF x Far_LoA	-8,833	0,089	0,294
CHR5	4628910	CHR5:4628910	SSF x Far_LoA	-7,569	-0,064	0,300
CHR5	4667280	CHR5:4667280	SSF x Far_LoA	-10,039	-0,050	0,291
CHR5	4667494	CHR5:4667494	SSF x Far_LoA	-9,305	-0,040	0,294
CHR5	4669798	CHR5:4669798	SSF x Far_LoA	-10,128	-0,014	0,294
CHR5	4680103	CHR5:4680103	SSF x Far_LoA	-4,254	0,152	0,281
CHR5	4690090	CHR5:4690090	SSF x Far_LoA	-4,593	-0,141	0,296
CHR5	4695809	CHR5:4695809	SSF x Far_LoA	-6,352	-0,179	0,271
CHR5	4695965	CHR5:4695965	SSF x Far_LoA	-7,061	-0,134	0,273
CHR5	4696048	CHR5:4696048	SSF x Far_LoA	-5,258	-0,161	0,272
CHR5	4770235	CHR5:4770235	SSF x Far_LoA	-8,027	-0,136	0,297
CHR5	4781432	CHR5:4781432	SSF x Far_LoA	-10,545	-0,043	0,273
CHR5	4781517	CHR5:4781517	SSF x Far_LoA	-9,290	0,122	0,290
CHR5	4781550	CHR5:4781550	SSF x Far_LoA	-10,840	0,037	0,290
CHR5	4781757	CHR5:4781757	SSF x Far_LoA	-11,732	-0,040	0,286

CHR5	4784784	CHR5:4784784	SSF x Far_LoA	-9,658	-0,077	0,303
CHR5	4784827	CHR5:4784827	SSF x Far_LoA	-9,301	0,193	0,283
CHR5	4789924	CHR5:4789924	SSF x Far_LoA	-6,987	0,010	0,277
CHR5	4789974	CHR5:4789974	SSF x Far_LoA	-10,740	0,076	0,277
CHR5	4789978	CHR5:4789978	SSF x Far_LoA	-7,026	-0,005	0,300
CHR5	4792639	CHR5:4792639	SSF x Far_LoA	-9,386	-0,140	0,280
CHR5	4816742	CHR5:4816742	SSF x Far_LoA	-8,840	0,070	0,290
CHR5	4816793	CHR5:4816793	SSF x Far_LoA	-3,083	-0,064	0,295
CHR5	4825121	CHR5:4825121	SSF x Far_LoA	-7,968	0,057	0,294
CHR5	4840916	CHR5:4840916	SSF x Far_LoA	-8,889	-0,068	0,288
CHR5	4840994	CHR5:4840994	SSF x Far_LoA	0,302	0,261	0,272
CHR5	4841106	CHR5:4841106	SSF x Far_LoA	-10,715	0,004	0,296
CHR5	4841250	CHR5:4841250	SSF x Far_LoA	-9,658	-0,070	0,293
CHR5	4841289	CHR5:4841289	SSF x Far_LoA	-8,447	-0,148	0,296
CHR5	4845298	CHR5:4845298	SSF x Far_LoA	-7,800	-0,034	0,284
CHR5	4851310	CHR5:4851310	SSF x Far_LoA	-7,258	0,126	0,298
CHR5	4861285	CHR5:4861285	SSF x Far_LoA	-7,123	0,090	0,298
CHR5	4864527	CHR5:4864527	SSF x Far_LoA	-8,173	0,000	0,299
CHR5	4866749	CHR5:4866749	SSF x Far_LoA	-9,189	-0,006	0,310
CHR5	4866830	CHR5:4866830	SSF x Far_LoA	-8,329	0,107	0,280
CHR5	4867614	CHR5:4867614	SSF x Far_LoA	-8,282	0,046	0,292
CHR5	4867677	CHR5:4867677	SSF x Far_LoA	-7,779	-0,093	0,273
CHR5	4890093	CHR5:4890093	SSF x Far_LoA	-7,099	0,030	0,304
CHR5	4890140	CHR5:4890140	SSF x Far_LoA	-9,740	-0,131	0,301
CHR5	4890169	CHR5:4890169	SSF x Far_LoA	-11,073	-0,070	0,293
CHR5	4890297	CHR5:4890297	SSF x Far_LoA	-8,929	-0,064	0,266
CHR5	4890304	CHR5:4890304	SSF x Far_LoA	-10,034	0,071	0,298
CHR5	4898323	CHR5:4898323	SSF x Far_LoA	-2,167	0,146	0,293
CHR5	4900303	CHR5:4900303	SSF x Far_LoA	-10,317	-0,040	0,289
CHR5	4901271	CHR5:4901271	SSF x Far_LoA	-9,677	0,042	0,288
CHR5	4901348	CHR5:4901348	SSF x Far_LoA	-11,155	0,033	0,299
CHR5	4901356	CHR5:4901356	SSF x Far_LoA	-8,477	-0,097	0,285
CHR5	4915973	CHR5:4915973	SSF x Far_LoA	-8,730	0,009	0,285
CHR5	4916384	CHR5:4916384	SSF x Far_LoA	-11,103	0,009	0,308
CHR5	4933029	CHR5:4933029	SSF x Far_LoA	-9,346	0,104	0,279
CHR5	4943708	CHR5:4943708	SSF x Far_LoA	-11,978	-0,013	0,287
CHR5	4944580	CHR5:4944580	SSF x Far_LoA	-9,288	0,026	0,300
CHR5	4944636	CHR5:4944636	SSF x Far_LoA	-10,005	-0,052	0,292
CHR5	4944647	CHR5:4944647	SSF x Far_LoA	-7,658	-0,124	0,310
CHR5	4959557	CHR5:4959557	SSF x Far_LoA	-7,247	0,101	0,294
CHR5	4959562	CHR5:4959562	SSF x Far_LoA	-8,694	-0,047	0,293
CHR5	4969173	CHR5:4969173	SSF x Far_LoA	-10,606	-0,016	0,297
CHR5	4969290	CHR5:4969290	SSF x Far_LoA	-10,169	-0,016	0,278
CHR5	4969386	CHR5:4969386	SSF x Far_LoA	-8,988	0,149	0,278
CHR5	4970421	CHR5:4970421	SSF x Far_LoA	-9,221	-0,060	0,283
CHR5	4970500	CHR5:4970500	SSF x Far_LoA	-11,039	0,011	0,290
CHR5	4970635	CHR5:4970635	SSF x Far_LoA	-11,783	-0,022	0,296
CHR5	4970698	CHR5:4970698	SSF x Far_LoA	-11,189	-0,045	0,279
CHR5	4976570	CHR5:4976570	SSF x Far_LoA	-6,604	-0,145	0,289
CHR5	4976650	CHR5:4976650	SSF x Far_LoA	-9,026	-0,059	0,294
CHR5	4989359	CHR5:4989359	SSF x Far_LoA	-11,227	0,022	0,293
CHR5	4989563	CHR5:4989563	SSF x Far_LoA	-9,544	-0,022	0,282
CHR5	4999063	CHR5:4999063	SSF x Far_LoA	-11,260	0,025	0,300

CHR5	4999099	CHR5:4999099	SSF x Far_LoA	-10,646	0,040	0,294
CHR5	4999169	CHR5:4999169	SSF x Far_LoA	1,726	-0,237	0,275
CHR5	4999422	CHR5:4999422	SSF x Far_LoA	-1,716	0,031	0,293
CHR5	5004138	CHR5:5004138	SSF x Far_LoA	-8,510	0,017	0,285
CHR5	5004283	CHR5:5004283	SSF x Far_LoA	-7,816	-0,025	0,285
CHR5	5006729	CHR5:5006729	SSF x Far_LoA	-7,460	-0,145	0,276
CHR5	5006733	CHR5:5006733	SSF x Far_LoA	-4,339	0,220	0,284
CHR5	5007047	CHR5:5007047	SSF x Far_LoA	-8,127	0,090	0,307
CHR5	5007073	CHR5:5007073	SSF x Far_LoA	-10,928	-0,090	0,289
CHR5	5008839	CHR5:5008839	SSF x Far_LoA	-3,432	-0,191	0,289
CHR5	5009094	CHR5:5009094	SSF x Far_LoA	-9,592	-0,053	0,300
CHR5	5020159	CHR5:5020159	SSF x Far_LoA	-9,604	-0,008	0,285
CHR5	5020333	CHR5:5020333	SSF x Far_LoA	-6,169	0,145	0,275
CHR5	5048579	CHR5:5048579	SSF x Far_LoA	-7,900	-0,075	0,290
CHR5	5048758	CHR5:5048758	SSF x Far_LoA	-9,346	0,028	0,299
CHR5	5048783	CHR5:5048783	SSF x Far_LoA	-9,203	-0,085	0,291
CHR5	5048828	CHR5:5048828	SSF x Far_LoA	-10,248	-0,020	0,291
CHR5	5048903	CHR5:5048903	SSF x Far_LoA	-7,622	0,131	0,285
CHR5	5048994	CHR5:5048994	SSF x Far_LoA	-9,526	0,034	0,283
CHR5	5049010	CHR5:5049010	SSF x Far_LoA	-8,827	0,092	0,286
CHR5	5061197	CHR5:5061197	SSF x Far_LoA	-8,964	-0,095	0,290
CHR5	5061281	CHR5:5061281	SSF x Far_LoA	-9,648	-0,097	0,277
CHR5	5061302	CHR5:5061302	SSF x Far_LoA	-8,988	-0,021	0,276
CHR5	5061353	CHR5:5061353	SSF x Far_LoA	-9,593	-0,016	0,288
CHR5	5069765	CHR5:5069765	SSF x Far_LoA	-9,194	-0,001	0,280
CHR5	5069812	CHR5:5069812	SSF x Far_LoA	-11,214	-0,039	0,287
CHR5	5070837	CHR5:5070837	SSF x Far_LoA	-6,060	-0,165	0,286
CHR5	5070877	CHR5:5070877	SSF x Far_LoA	-10,305	-0,014	0,300
CHR5	5079920	CHR5:5079920	SSF x Far_LoA	-9,192	-0,064	0,294
CHR5	5079967	CHR5:5079967	SSF x Far_LoA	-10,277	0,034	0,286
CHR5	5080087	CHR5:5080087	SSF x Far_LoA	-8,546	-0,019	0,290
CHR5	5081875	CHR5:5081875	SSF x Far_LoA	-10,245	0,018	0,282
CHR5	5081937	CHR5:5081937	SSF x Far_LoA	-7,771	-0,115	0,284
CHR5	5134857	CHR5:5134857	SSF x Far_LoA	-8,047	-0,087	0,285
CHR5	5139860	CHR5:5139860	SSF x Far_LoA	-3,248	-0,059	0,313
CHR5	5139865	CHR5:5139865	SSF x Far_LoA	-3,186	0,152	0,286
CHR5	5148005	CHR5:5148005	SSF x Far_LoA	-3,496	0,026	0,320
CHR5	5167604	CHR5:5167604	SSF x Far_LoA	-9,950	-0,066	0,264
CHR5	5167647	CHR5:5167647	SSF x Far_LoA	-7,944	-0,050	0,300
CHR5	5208037	CHR5:5208037	SSF x Far_LoA	4,356	-0,175	0,281
CHR5	5208192	CHR5:5208192	SSF x Far_LoA	-8,518	0,103	0,277
CHR5	5208206	CHR5:5208206	SSF x Far_LoA	-9,774	-0,022	0,278
CHR5	5236892	CHR5:5236892	SSF x Far_LoA	-9,462	-0,098	0,292
CHR5	5283180	CHR5:5283180	SSF x Far_LoA	-8,474	0,095	0,291
CHR5	5283201	CHR5:5283201	SSF x Far_LoA	-11,198	0,120	0,287
CHR5	5283384	CHR5:5283384	SSF x Far_LoA	-7,563	-0,061	0,302
CHR5	5291070	CHR5:5291070	SSF x Far_LoA	-8,369	0,109	0,285
CHR5	5328017	CHR5:5328017	SSF x Far_LoA	-6,942	-0,119	0,309
CHR5	5344485	CHR5:5344485	SSF x Far_LoA	-7,240	0,029	0,285
CHR5	5346539	CHR5:5346539	SSF x Far_LoA	-8,918	-0,010	0,298
CHR5	5346602	CHR5:5346602	SSF x Far_LoA	-8,829	-0,054	0,282
CHR5	5372222	CHR5:5372222	SSF x Far_LoA	-8,566	0,031	0,304
CHR5	5372225	CHR5:5372225	SSF x Far_LoA	-8,202	-0,019	0,299

CHR5	5372353	CHR5:5372353	SSF x Far_LoA	-11,324	-0,064	0,285
CHR5	5403210	CHR5:5403210	SSF x Far_LoA	-2,986	-0,088	0,297
CHR5	5403224	CHR5:5403224	SSF x Far_LoA	-7,221	-0,136	0,292
CHR5	5403284	CHR5:5403284	SSF x Far_LoA	-6,882	-0,124	0,285
CHR5	5445490	CHR5:5445490	SSF x Far_LoA	-10,301	-0,021	0,297
CHR5	5445542	CHR5:5445542	SSF x Far_LoA	-9,357	0,027	0,303
CHR5	5445549	CHR5:5445549	SSF x Far_LoA	-8,839	0,029	0,279
CHR5	5445605	CHR5:5445605	SSF x Far_LoA	-8,621	-0,040	0,279
CHR5	5445777	CHR5:5445777	SSF x Far_LoA	5,014	0,159	0,266
CHR5	5445778	CHR5:5445778	SSF x Far_LoA	8,909	0,202	0,277
CHR5	5445819	CHR5:5445819	SSF x Far_LoA	-11,656	-0,059	0,302
CHR5	5445875	CHR5:5445875	SSF x Far_LoA	-9,024	0,001	0,291
CHR5	5445906	CHR5:5445906	SSF x Far_LoA	-11,959	0,026	0,294
CHR5	5456700	CHR5:5456700	SSF x Far_LoA	-6,746	-0,120	0,300
CHR5	5457792	CHR5:5457792	SSF x Far_LoA	-7,148	0,098	0,306
CHR5	5463883	CHR5:5463883	SSF x Far_LoA	-10,576	0,040	0,291
CHR5	5463948	CHR5:5463948	SSF x Far_LoA	-7,344	-0,074	0,291
CHR5	5466332	CHR5:5466332	SSF x Far_LoA	-8,793	-0,011	0,293
CHR5	5466450	CHR5:5466450	SSF x Far_LoA	-10,010	0,014	0,287
CHR5	5466476	CHR5:5466476	SSF x Far_LoA	-10,371	0,018	0,281
CHR5	5466491	CHR5:5466491	SSF x Far_LoA	-9,434	-0,028	0,284
CHR5	5466596	CHR5:5466596	SSF x Far_LoA	-10,093	-0,050	0,294
CHR5	546949	CHR5:546949	SSF x Far_LoA	-7,594	0,014	0,288
CHR5	5490395	CHR5:5490395	SSF x Far_LoA	-9,481	0,004	0,286
CHR5	5490711	CHR5:5490711	SSF x Far_LoA	-10,058	-0,095	0,291
CHR5	5492970	CHR5:5492970	SSF x Far_LoA	6,299	0,186	0,285
CHR5	5497475	CHR5:5497475	SSF x Far_LoA	-10,289	-0,024	0,296
CHR5	5506465	CHR5:5506465	SSF x Far_LoA	-9,443	-0,042	0,287
CHR5	5511772	CHR5:5511772	SSF x Far_LoA	-11,321	-0,008	0,275
CHR5	5511984	CHR5:5511984	SSF x Far_LoA	-9,294	0,025	0,284
CHR5	5521288	CHR5:5521288	SSF x Far_LoA	-10,846	0,003	0,292
CHR5	5535379	CHR5:5535379	SSF x Far_LoA	-9,042	-0,026	0,287
CHR5	5535405	CHR5:5535405	SSF x Far_LoA	-8,987	-0,066	0,306
CHR5	5549550	CHR5:5549550	SSF x Far_LoA	-10,099	0,046	0,282
CHR5	5549569	CHR5:5549569	SSF x Far_LoA	-8,945	-0,051	0,314
CHR5	5549591	CHR5:5549591	SSF x Far_LoA	-7,477	-0,071	0,303
CHR5	5557470	CHR5:5557470	SSF x Far_LoA	-6,386	-0,122	0,319
CHR5	5557479	CHR5:5557479	SSF x Far_LoA	-7,569	-0,166	0,287
CHR5	5557533	CHR5:5557533	SSF x Far_LoA	-9,919	0,111	0,289
CHR5	5557556	CHR5:5557556	SSF x Far_LoA	-6,400	-0,071	0,272
CHR5	5557559	CHR5:5557559	SSF x Far_LoA	-8,959	-0,006	0,282
CHR5	5557578	CHR5:5557578	SSF x Far_LoA	-8,587	-0,084	0,285
CHR5	5557638	CHR5:5557638	SSF x Far_LoA	-7,061	0,202	0,273
CHR5	5557711	CHR5:5557711	SSF x Far_LoA	-5,317	0,065	0,289
CHR5	5557854	CHR5:5557854	SSF x Far_LoA	-8,817	0,165	0,279
CHR5	5595145	CHR5:5595145	SSF x Far_LoA	-10,301	-0,099	0,288
CHR5	5595426	CHR5:5595426	SSF x Far_LoA	-6,604	0,057	0,280
CHR5	5608461	CHR5:5608461	SSF x Far_LoA	-9,965	-0,079	0,285
CHR5	5608509	CHR5:5608509	SSF x Far_LoA	-9,291	0,085	0,281
CHR5	5608515	CHR5:5608515	SSF x Far_LoA	-4,346	-0,131	0,290
CHR5	5614654	CHR5:5614654	SSF x Far_LoA	-9,670	0,026	0,272
CHR5	5614672	CHR5:5614672	SSF x Far_LoA	-10,641	0,105	0,282
CHR5	5614677	CHR5:5614677	SSF x Far_LoA	-6,478	0,012	0,304

CHR5	5614808	CHR5:5614808	SSF x Far_LoA	-8,814	0,009	0,299
CHR5	5614831	CHR5:5614831	SSF x Far_LoA	-9,891	-0,047	0,291
CHR5	5618518	CHR5:5618518	SSF x Far_LoA	-8,637	0,043	0,273
CHR5	5629337	CHR5:5629337	SSF x Far_LoA	-9,432	-0,066	0,286
CHR5	5631259	CHR5:5631259	SSF x Far_LoA	-9,306	0,029	0,307
CHR5	5631303	CHR5:5631303	SSF x Far_LoA	-8,127	0,105	0,296
CHR5	5631344	CHR5:5631344	SSF x Far_LoA	-10,695	0,078	0,303
CHR5	5642451	CHR5:5642451	SSF x Far_LoA	-10,671	-0,037	0,294
CHR5	5642568	CHR5:5642568	SSF x Far_LoA	-8,972	0,046	0,288
CHR5	5642719	CHR5:5642719	SSF x Far_LoA	-9,442	0,069	0,281
CHR5	5666282	CHR5:5666282	SSF x Far_LoA	-9,203	-0,047	0,290
CHR5	5674310	CHR5:5674310	SSF x Far_LoA	-6,019	-0,188	0,284
CHR5	5674441	CHR5:5674441	SSF x Far_LoA	-9,452	0,138	0,281
CHR5	5674448	CHR5:5674448	SSF x Far_LoA	-9,411	-0,105	0,294
CHR5	5674589	CHR5:5674589	SSF x Far_LoA	-8,517	0,062	0,292
CHR5	5693808	CHR5:5693808	SSF x Far_LoA	-10,332	-0,051	0,291
CHR5	5693834	CHR5:5693834	SSF x Far_LoA	-9,504	-0,067	0,285
CHR5	5693965	CHR5:5693965	SSF x Far_LoA	-8,941	0,035	0,293
CHR5	5694226	CHR5:5694226	SSF x Far_LoA	-8,311	-0,132	0,292
CHR5	5694227	CHR5:5694227	SSF x Far_LoA	-7,813	-0,132	0,294
CHR5	5694253	CHR5:5694253	SSF x Far_LoA	-5,920	0,016	0,284
CHR5	5702862	CHR5:5702862	SSF x Far_LoA	-9,253	-0,095	0,278
CHR5	5769300	CHR5:5769300	SSF x Far_LoA	-7,213	0,131	0,282
CHR5	5806930	CHR5:5806930	SSF x Far_LoA	-8,770	-0,079	0,297
CHR5	5807161	CHR5:5807161	SSF x Far_LoA	-9,566	-0,001	0,308
CHR5	5807195	CHR5:5807195	SSF x Far_LoA	-11,191	0,040	0,278
CHR5	5818363	CHR5:5818363	SSF x Far_LoA	-10,148	-0,068	0,304
CHR5	5818386	CHR5:5818386	SSF x Far_LoA	-11,369	0,015	0,302
CHR5	5818506	CHR5:5818506	SSF x Far_LoA	-7,719	0,129	0,281
CHR5	5818608	CHR5:5818608	SSF x Far_LoA	-5,140	-0,140	0,301
CHR5	5820816	CHR5:5820816	SSF x Far_LoA	-11,281	-0,040	0,297
CHR5	5820889	CHR5:5820889	SSF x Far_LoA	-12,208	-0,059	0,287
CHR5	5820898	CHR5:5820898	SSF x Far_LoA	-10,695	-0,067	0,278
CHR5	5821813	CHR5:5821813	SSF x Far_LoA	-6,426	-0,130	0,290
CHR5	5821939	CHR5:5821939	SSF x Far_LoA	-8,858	-0,079	0,284
CHR5	5856302	CHR5:5856302	SSF x Far_LoA	-9,794	-0,012	0,281
CHR5	5856352	CHR5:5856352	SSF x Far_LoA	-5,750	0,207	0,283
CHR5	5856400	CHR5:5856400	SSF x Far_LoA	-7,313	-0,157	0,295
CHR5	5856537	CHR5:5856537	SSF x Far_LoA	-9,075	-0,005	0,278
CHR5	5860077	CHR5:5860077	SSF x Far_LoA	-9,877	-0,041	0,294
CHR5	5860094	CHR5:5860094	SSF x Far_LoA	-10,453	-0,009	0,283
CHR5	5860131	CHR5:5860131	SSF x Far_LoA	-9,947	-0,115	0,283
CHR5	5860226	CHR5:5860226	SSF x Far_LoA	-7,809	0,159	0,282
CHR5	5860259	CHR5:5860259	SSF x Far_LoA	-6,648	-0,145	0,293
CHR5	5862630	CHR5:5862630	SSF x Far_LoA	-10,154	-0,045	0,296
CHR5	5862687	CHR5:5862687	SSF x Far_LoA	-8,347	-0,087	0,290
CHR5	5862744	CHR5:5862744	SSF x Far_LoA	-10,288	0,001	0,295
CHR5	5867175	CHR5:5867175	SSF x Far_LoA	-8,158	-0,060	0,287
CHR5	5867202	CHR5:5867202	SSF x Far_LoA	-9,773	-0,002	0,298
CHR5	5867299	CHR5:5867299	SSF x Far_LoA	-9,785	-0,074	0,291
CHR5	5867328	CHR5:5867328	SSF x Far_LoA	-7,009	0,040	0,288
CHR5	5875091	CHR5:5875091	SSF x Far_LoA	-9,692	-0,007	0,300
CHR5	5875202	CHR5:5875202	SSF x Far_LoA	-5,843	0,123	0,279

CHR5	5875462	CHR5:5875462	SSF x Far_LoA	-4,234	0,125	0,285
CHR5	5884965	CHR5:5884965	SSF x Far_LoA	-10,342	0,018	0,295
CHR5	5885223	CHR5:5885223	SSF x Far_LoA	-10,272	0,089	0,304
CHR5	5893493	CHR5:5893493	SSF x Far_LoA	-5,955	-0,039	0,284
CHR5	5893538	CHR5:5893538	SSF x Far_LoA	-7,138	-0,046	0,305
CHR5	5893690	CHR5:5893690	SSF x Far_LoA	-7,017	-0,162	0,292
CHR5	5893696	CHR5:5893696	SSF x Far_LoA	-8,024	-0,118	0,286
CHR5	5901022	CHR5:5901022	SSF x Far_LoA	-6,674	0,115	0,281
CHR5	5901125	CHR5:5901125	SSF x Far_LoA	-9,253	0,087	0,292
CHR5	5901250	CHR5:5901250	SSF x Far_LoA	-8,458	-0,105	0,287
CHR5	5901290	CHR5:5901290	SSF x Far_LoA	-8,034	-0,056	0,297
CHR5	5903045	CHR5:5903045	SSF x Far_LoA	-8,399	0,057	0,305
CHR5	5903093	CHR5:5903093	SSF x Far_LoA	-8,885	-0,062	0,288
CHR5	5903397	CHR5:5903397	SSF x Far_LoA	-9,787	-0,079	0,293
CHR5	5924958	CHR5:5924958	SSF x Far_LoA	-7,496	0,051	0,293
CHR5	5924986	CHR5:5924986	SSF x Far_LoA	-9,974	0,005	0,302
CHR5	5925021	CHR5:5925021	SSF x Far_LoA	-10,239	-0,001	0,287
CHR5	5925107	CHR5:5925107	SSF x Far_LoA	-6,812	0,074	0,294
CHR5	5925173	CHR5:5925173	SSF x Far_LoA	-10,074	0,019	0,305
CHR5	5926512	CHR5:5926512	SSF x Far_LoA	-9,920	0,065	0,291
CHR5	5929987	CHR5:5929987	SSF x Far_LoA	-10,387	-0,037	0,303
CHR5	5939265	CHR5:5939265	SSF x Far_LoA	-7,892	0,002	0,306
CHR5	5939631	CHR5:5939631	SSF x Far_LoA	-10,810	0,054	0,301
CHR5	5947983	CHR5:5947983	SSF x Far_LoA	-8,712	-0,077	0,274
CHR5	5950890	CHR5:5950890	SSF x Far_LoA	-7,979	0,036	0,300
CHR5	5951004	CHR5:5951004	SSF x Far_LoA	-10,137	-0,014	0,310
CHR5	5951076	CHR5:5951076	SSF x Far_LoA	-8,792	-0,128	0,294
CHR5	5951093	CHR5:5951093	SSF x Far_LoA	-11,305	0,014	0,290
CHR5	5951122	CHR5:5951122	SSF x Far_LoA	-9,935	0,087	0,299
CHR5	5951205	CHR5:5951205	SSF x Far_LoA	-9,927	0,036	0,297
CHR5	5958582	CHR5:5958582	SSF x Far_LoA	-7,555	-0,124	0,282
CHR5	5958892	CHR5:5958892	SSF x Far_LoA	-11,379	0,030	0,293
CHR5	5958933	CHR5:5958933	SSF x Far_LoA	-9,722	-0,022	0,302
CHR5	5958955	CHR5:5958955	SSF x Far_LoA	-4,073	-0,059	0,301
CHR5	5961487	CHR5:5961487	SSF x Far_LoA	-10,553	0,025	0,282
CHR5	5961503	CHR5:5961503	SSF x Far_LoA	-10,211	0,013	0,291
CHR5	5961586	CHR5:5961586	SSF x Far_LoA	-10,203	-0,092	0,279
CHR5	5961635	CHR5:5961635	SSF x Far_LoA	-10,621	-0,017	0,287
CHR5	5961654	CHR5:5961654	SSF x Far_LoA	-8,969	0,084	0,282
CHR5	5962502	CHR5:5962502	SSF x Far_LoA	-10,592	0,081	0,294
CHR5	5966720	CHR5:5966720	SSF x Far_LoA	-10,942	0,027	0,285
CHR5	5967136	CHR5:5967136	SSF x Far_LoA	-10,889	0,058	0,300
CHR5	5987496	CHR5:5987496	SSF x Far_LoA	-7,853	0,056	0,287
CHR5	5987540	CHR5:5987540	SSF x Far_LoA	-11,355	-0,004	0,265
CHR5	5987574	CHR5:5987574	SSF x Far_LoA	-4,972	-0,016	0,306
CHR5	6011547	CHR5:6011547	SSF x Far_LoA	-8,466	0,069	0,286
CHR5	6013934	CHR5:6013934	SSF x Far_LoA	-6,470	0,069	0,289
CHR5	6014077	CHR5:6014077	SSF x Far_LoA	-3,440	-0,179	0,303
CHR5	6014144	CHR5:6014144	SSF x Far_LoA	-10,573	0,031	0,310
CHR5	6014173	CHR5:6014173	SSF x Far_LoA	-5,052	0,104	0,297
CHR5	6018740	CHR5:6018740	SSF x Far_LoA	-8,251	0,068	0,303
CHR5	6018951	CHR5:6018951	SSF x Far_LoA	-11,398	0,021	0,298
CHR5	6018952	CHR5:6018952	SSF x Far_LoA	-10,987	-0,033	0,296

CHR5	6018979	CHR5:6018979	SSF x Far_LoA	-7,531	0,145	0,279
CHR5	6019036	CHR5:6019036	SSF x Far_LoA	-8,345	0,118	0,279
CHR5	6019114	CHR5:6019114	SSF x Far_LoA	-5,420	0,008	0,277
CHR5	6026568	CHR5:6026568	SSF x Far_LoA	-10,016	-0,066	0,288
CHR5	6028912	CHR5:6028912	SSF x Far_LoA	-11,703	0,009	0,303
CHR5	6035936	CHR5:6035936	SSF x Far_LoA	-9,079	-0,044	0,288
CHR5	6038964	CHR5:6038964	SSF x Far_LoA	-7,995	0,093	0,300
CHR5	6039072	CHR5:6039072	SSF x Far_LoA	-8,923	0,003	0,291
CHR5	6039189	CHR5:6039189	SSF x Far_LoA	-7,282	-0,110	0,287
CHR5	6039243	CHR5:6039243	SSF x Far_LoA	-7,632	-0,195	0,262
CHR5	6064602	CHR5:6064602	SSF x Far_LoA	-10,591	0,007	0,291
CHR5	6064791	CHR5:6064791	SSF x Far_LoA	-9,342	-0,083	0,285
CHR5	6071204	CHR5:6071204	SSF x Far_LoA	-3,728	0,055	0,301
CHR5	6071341	CHR5:6071341	SSF x Far_LoA	-10,430	0,035	0,304
CHR5	6071402	CHR5:6071402	SSF x Far_LoA	-10,691	0,105	0,288
CHR5	6071526	CHR5:6071526	SSF x Far_LoA	-0,962	-0,108	0,295
CHR5	6077014	CHR5:6077014	SSF x Far_LoA	-9,788	-0,018	0,286
CHR5	6077205	CHR5:6077205	SSF x Far_LoA	-9,179	0,027	0,305
CHR5	6077257	CHR5:6077257	SSF x Far_LoA	-8,595	0,085	0,312
CHR5	6077265	CHR5:6077265	SSF x Far_LoA	-10,008	-0,030	0,287
CHR5	6080499	CHR5:6080499	SSF x Far_LoA	-8,431	0,110	0,284
CHR5	6080569	CHR5:6080569	SSF x Far_LoA	-9,181	0,040	0,287
CHR5	6098946	CHR5:6098946	SSF x Far_LoA	-9,785	-0,014	0,298
CHR5	6099050	CHR5:6099050	SSF x Far_LoA	-10,418	-0,055	0,275
CHR5	6099112	CHR5:6099112	SSF x Far_LoA	-9,356	0,082	0,276
CHR5	6101779	CHR5:6101779	SSF x Far_LoA	-9,193	-0,011	0,296
CHR5	6101799	CHR5:6101799	SSF x Far_LoA	-8,687	0,012	0,294
CHR5	6101850	CHR5:6101850	SSF x Far_LoA	-11,955	0,008	0,294
CHR5	6101987	CHR5:6101987	SSF x Far_LoA	-9,769	0,019	0,288
CHR5	6102004	CHR5:6102004	SSF x Far_LoA	-11,460	0,011	0,279
CHR5	6103870	CHR5:6103870	SSF x Far_LoA	-10,135	-0,050	0,294
CHR5	6103880	CHR5:6103880	SSF x Far_LoA	-7,300	-0,107	0,290
CHR5	6103980	CHR5:6103980	SSF x Far_LoA	-8,613	0,008	0,270
CHR5	6103999	CHR5:6103999	SSF x Far_LoA	-9,102	0,076	0,290
CHR5	6104103	CHR5:6104103	SSF x Far_LoA	-9,573	-0,039	0,311
CHR5	6104257	CHR5:6104257	SSF x Far_LoA	-11,743	-0,052	0,285
CHR5	6108636	CHR5:6108636	SSF x Far_LoA	-9,501	0,094	0,294
CHR5	6110545	CHR5:6110545	SSF x Far_LoA	-8,503	0,036	0,288
CHR5	6110578	CHR5:6110578	SSF x Far_LoA	-9,143	0,095	0,291
CHR5	6135151	CHR5:6135151	SSF x Far_LoA	-8,237	-0,151	0,281
CHR5	6135290	CHR5:6135290	SSF x Far_LoA	-7,092	0,081	0,289
CHR5	6135500	CHR5:6135500	SSF x Far_LoA	-8,878	-0,091	0,286
CHR5	6140717	CHR5:6140717	SSF x Far_LoA	-10,402	-0,045	0,280
CHR5	6144223	CHR5:6144223	SSF x Far_LoA	-9,480	-0,002	0,294
CHR5	6160637	CHR5:6160637	SSF x Far_LoA	-8,877	0,065	0,306
CHR5	6160698	CHR5:6160698	SSF x Far_LoA	-8,547	-0,013	0,297
CHR5	6160701	CHR5:6160701	SSF x Far_LoA	-10,552	-0,061	0,272
CHR5	6160702	CHR5:6160702	SSF x Far_LoA	-12,298	-0,010	0,294
CHR5	6160892	CHR5:6160892	SSF x Far_LoA	-10,099	-0,012	0,296
CHR5	6169754	CHR5:6169754	SSF x Far_LoA	-8,092	-0,077	0,296
CHR5	6169768	CHR5:6169768	SSF x Far_LoA	-4,178	-0,101	0,286
CHR5	6169825	CHR5:6169825	SSF x Far_LoA	12,419	-0,067	0,291
CHR5	6169827	CHR5:6169827	SSF x Far_LoA	-7,233	-0,090	0,275

CHR5	6170010	CHR5:6170010	SSF x Far_LoA	-8,645	-0,038	0,291
CHR5	6191558	CHR5:6191558	SSF x Far_LoA	-8,927	0,089	0,292
CHR5	6191569	CHR5:6191569	SSF x Far_LoA	-8,743	0,023	0,289
CHR5	6200717	CHR5:6200717	SSF x Far_LoA	-9,809	-0,004	0,279
CHR5	6204742	CHR5:6204742	SSF x Far_LoA	-9,770	0,020	0,289
CHR5	6204938	CHR5:6204938	SSF x Far_LoA	-11,118	-0,001	0,283
CHR5	6207511	CHR5:6207511	SSF x Far_LoA	-7,496	-0,105	0,292
CHR5	6207515	CHR5:6207515	SSF x Far_LoA	-6,648	-0,090	0,286
CHR5	6217298	CHR5:6217298	SSF x Far_LoA	-8,126	0,129	0,287
CHR5	6217534	CHR5:6217534	SSF x Far_LoA	-12,273	-0,031	0,297
CHR5	6217553	CHR5:6217553	SSF x Far_LoA	-10,517	0,071	0,294
CHR5	6217574	CHR5:6217574	SSF x Far_LoA	-10,480	0,063	0,282
CHR5	6217744	CHR5:6217744	SSF x Far_LoA	-10,043	0,016	0,295
CHR5	6264008	CHR5:6264008	SSF x Far_LoA	-9,240	-0,068	0,298
CHR5	6264055	CHR5:6264055	SSF x Far_LoA	-8,656	0,125	0,286
CHR5	6264297	CHR5:6264297	SSF x Far_LoA	-11,641	-0,020	0,293
CHR5	6268292	CHR5:6268292	SSF x Far_LoA	-5,027	-0,113	0,281
CHR5	6268409	CHR5:6268409	SSF x Far_LoA	-5,176	-0,194	0,284
CHR5	6268464	CHR5:6268464	SSF x Far_LoA	-7,246	0,137	0,293
CHR5	6268513	CHR5:6268513	SSF x Far_LoA	-11,570	-0,021	0,296
CHR5	6272561	CHR5:6272561	SSF x Far_LoA	-8,281	0,186	0,284
CHR5	6272863	CHR5:6272863	SSF x Far_LoA	-5,836	0,082	0,279
CHR5	6274725	CHR5:6274725	SSF x Far_LoA	-11,169	-0,045	0,290
CHR5	6286051	CHR5:6286051	SSF x Far_LoA	-7,198	-0,063	0,295
CHR5	6286216	CHR5:6286216	SSF x Far_LoA	-5,653	0,173	0,285
CHR5	6286219	CHR5:6286219	SSF x Far_LoA	-8,555	0,063	0,282
CHR5	6312090	CHR5:6312090	SSF x Far_LoA	-7,575	-0,164	0,261
CHR5	6312294	CHR5:6312294	SSF x Far_LoA	-8,976	0,009	0,305
CHR5	6312316	CHR5:6312316	SSF x Far_LoA	-11,228	-0,019	0,288
CHR5	6312320	CHR5:6312320	SSF x Far_LoA	-8,493	-0,023	0,303
CHR5	6312343	CHR5:6312343	SSF x Far_LoA	-8,311	0,071	0,275
CHR5	6312352	CHR5:6312352	SSF x Far_LoA	-10,472	-0,003	0,290
CHR5	6322245	CHR5:6322245	SSF x Far_LoA	17,037	0,181	0,279
CHR5	6322260	CHR5:6322260	SSF x Far_LoA	-12,108	0,008	0,284
CHR5	6322412	CHR5:6322412	SSF x Far_LoA	-7,868	0,208	0,287
CHR5	6324719	CHR5:6324719	SSF x Far_LoA	-11,140	-0,002	0,303
CHR5	6326478	CHR5:6326478	SSF x Far_LoA	-9,597	-0,030	0,285
CHR5	6328728	CHR5:6328728	SSF x Far_LoA	-10,435	-0,043	0,297
CHR5	6329536	CHR5:6329536	SSF x Far_LoA	-6,195	-0,142	0,293
CHR5	6329563	CHR5:6329563	SSF x Far_LoA	-10,561	-0,058	0,286
CHR5	6350264	CHR5:6350264	SSF x Far_LoA	-10,277	-0,001	0,311
CHR5	6350292	CHR5:6350292	SSF x Far_LoA	-7,882	0,032	0,292
CHR5	6350547	CHR5:6350547	SSF x Far_LoA	-7,843	0,110	0,289
CHR5	636023	CHR5:636023	SSF x Far_LoA	-5,887	-0,070	0,289
CHR5	6361247	CHR5:6361247	SSF x Far_LoA	-7,800	0,141	0,282
CHR5	6361257	CHR5:6361257	SSF x Far_LoA	-6,831	0,146	0,299
CHR5	6361263	CHR5:6361263	SSF x Far_LoA	-6,148	0,096	0,291
CHR5	6361448	CHR5:6361448	SSF x Far_LoA	-8,003	0,097	0,306
CHR5	6361565	CHR5:6361565	SSF x Far_LoA	-8,368	-0,100	0,283
CHR5	6361597	CHR5:6361597	SSF x Far_LoA	-8,800	-0,046	0,298
CHR5	6377231	CHR5:6377231	SSF x Far_LoA	-8,302	0,015	0,317
CHR5	6377266	CHR5:6377266	SSF x Far_LoA	-8,454	0,185	0,273
CHR5	6377385	CHR5:6377385	SSF x Far_LoA	-7,819	0,078	0,292

CHR5	6380657	CHR5:6380657	SSF x Far_LoA	-10,461	-0,079	0,281
CHR5	6382741	CHR5:6382741	SSF x Far_LoA	-8,339	-0,003	0,311
CHR5	6382755	CHR5:6382755	SSF x Far_LoA	-7,800	-0,021	0,306
CHR5	6382963	CHR5:6382963	SSF x Far_LoA	-10,697	-0,074	0,291
CHR5	6409401	CHR5:6409401	SSF x Far_LoA	-8,171	0,013	0,312
CHR5	6417962	CHR5:6417962	SSF x Far_LoA	-9,976	0,003	0,302
CHR5	6417977	CHR5:6417977	SSF x Far_LoA	-6,586	0,059	0,302
CHR5	6418044	CHR5:6418044	SSF x Far_LoA	-8,512	0,029	0,286
CHR5	6418046	CHR5:6418046	SSF x Far_LoA	-9,222	0,001	0,298
CHR5	6418058	CHR5:6418058	SSF x Far_LoA	-8,150	0,055	0,297
CHR5	6434336	CHR5:6434336	SSF x Far_LoA	-9,163	-0,154	0,279
CHR5	6434594	CHR5:6434594	SSF x Far_LoA	-7,704	-0,067	0,274
CHR5	6435266	CHR5:6435266	SSF x Far_LoA	-4,584	0,038	0,300
CHR5	6437060	CHR5:6437060	SSF x Far_LoA	-10,184	0,131	0,281
CHR5	6437119	CHR5:6437119	SSF x Far_LoA	-8,681	0,026	0,302
CHR5	6449119	CHR5:6449119	SSF x Far_LoA	5,240	0,128	0,304
CHR5	6449129	CHR5:6449129	SSF x Far_LoA	-9,945	-0,074	0,289
CHR5	6449170	CHR5:6449170	SSF x Far_LoA	-5,138	0,137	0,293
CHR5	6449457	CHR5:6449457	SSF x Far_LoA	-11,823	0,073	0,291
CHR5	6450598	CHR5:6450598	SSF x Far_LoA	-10,253	0,012	0,284
CHR5	6450601	CHR5:6450601	SSF x Far_LoA	-6,149	-0,051	0,298
CHR5	6451348	CHR5:6451348	SSF x Far_LoA	-8,592	-0,043	0,281
CHR5	6464507	CHR5:6464507	SSF x Far_LoA	-7,211	-0,043	0,292
CHR5	6465680	CHR5:6465680	SSF x Far_LoA	-1,070	0,210	0,269
CHR5	6465689	CHR5:6465689	SSF x Far_LoA	-4,054	-0,160	0,279
CHR5	6465752	CHR5:6465752	SSF x Far_LoA	-2,968	-0,016	0,307
CHR5	6465768	CHR5:6465768	SSF x Far_LoA	-7,483	0,200	0,270
CHR5	6465912	CHR5:6465912	SSF x Far_LoA	-7,653	0,045	0,284
CHR5	6465929	CHR5:6465929	SSF x Far_LoA	-7,768	0,074	0,272
CHR5	6471214	CHR5:6471214	SSF x Far_LoA	-10,861	-0,092	0,289
CHR5	6471633	CHR5:6471633	SSF x Far_LoA	-11,562	-0,007	0,287
CHR5	6471686	CHR5:6471686	SSF x Far_LoA	-8,750	-0,010	0,306
CHR5	6476942	CHR5:6476942	SSF x Far_LoA	-7,401	-0,051	0,283
CHR5	6481228	CHR5:6481228	SSF x Far_LoA	-6,920	0,010	0,297
CHR5	6483974	CHR5:6483974	SSF x Far_LoA	-9,103	-0,033	0,281
CHR5	6486257	CHR5:6486257	SSF x Far_LoA	-9,617	0,043	0,301
CHR5	6486366	CHR5:6486366	SSF x Far_LoA	-8,539	0,042	0,304
CHR5	6486428	CHR5:6486428	SSF x Far_LoA	-9,195	-0,013	0,301
CHR5	6487564	CHR5:6487564	SSF x Far_LoA	-10,628	0,025	0,294
CHR5	6490086	CHR5:6490086	SSF x Far_LoA	-10,532	0,062	0,302
CHR5	6490282	CHR5:6490282	SSF x Far_LoA	-11,035	-0,015	0,274
CHR5	6491615	CHR5:6491615	SSF x Far_LoA	-11,355	0,044	0,299
CHR5	6491811	CHR5:6491811	SSF x Far_LoA	-10,424	-0,043	0,279
CHR5	6491817	CHR5:6491817	SSF x Far_LoA	-9,962	-0,035	0,300
CHR5	6491919	CHR5:6491919	SSF x Far_LoA	-8,419	0,143	0,278
CHR5	6496544	CHR5:6496544	SSF x Far_LoA	-7,337	-0,105	0,297
CHR5	6496664	CHR5:6496664	SSF x Far_LoA	-5,717	-0,138	0,300
CHR5	6496711	CHR5:6496711	SSF x Far_LoA	-10,628	-0,013	0,285
CHR5	6496829	CHR5:6496829	SSF x Far_LoA	-9,625	0,044	0,291
CHR5	6496868	CHR5:6496868	SSF x Far_LoA	0,691	0,200	0,280
CHR5	6496897	CHR5:6496897	SSF x Far_LoA	-8,162	0,187	0,264
CHR5	6504687	CHR5:6504687	SSF x Far_LoA	-7,068	-0,193	0,275
CHR5	6504773	CHR5:6504773	SSF x Far_LoA	-7,356	0,029	0,281

CHR5	6504785	CHR5:6504785	SSF x Far_LoA	-10,709	0,021	0,265
CHR5	6519952	CHR5:6519952	SSF x Far_LoA	-10,340	0,018	0,303
CHR5	6527561	CHR5:6527561	SSF x Far_LoA	-9,729	-0,062	0,298
CHR5	6527567	CHR5:6527567	SSF x Far_LoA	-7,666	-0,104	0,307
CHR5	6535703	CHR5:6535703	SSF x Far_LoA	0,343	-0,179	0,299
CHR5	6535971	CHR5:6535971	SSF x Far_LoA	-9,406	0,014	0,300
CHR5	6546795	CHR5:6546795	SSF x Far_LoA	-7,429	-0,106	0,293
CHR5	6546846	CHR5:6546846	SSF x Far_LoA	-10,513	0,035	0,301
CHR5	6546911	CHR5:6546911	SSF x Far_LoA	-8,810	-0,048	0,290
CHR5	6547063	CHR5:6547063	SSF x Far_LoA	-10,742	0,044	0,280
CHR5	6581788	CHR5:6581788	SSF x Far_LoA	-11,179	-0,024	0,283
CHR5	6581844	CHR5:6581844	SSF x Far_LoA	-12,017	-0,011	0,282
CHR5	6581963	CHR5:6581963	SSF x Far_LoA	-10,976	-0,023	0,294
CHR5	6582008	CHR5:6582008	SSF x Far_LoA	-9,630	0,001	0,291
CHR5	6582108	CHR5:6582108	SSF x Far_LoA	-8,784	0,068	0,294
CHR5	6582111	CHR5:6582111	SSF x Far_LoA	-11,862	0,060	0,290
CHR5	6582163	CHR5:6582163	SSF x Far_LoA	-9,173	-0,133	0,283
CHR5	6582173	CHR5:6582173	SSF x Far_LoA	-10,295	0,143	0,286
CHR5	659084	CHR5:659084	SSF x Far_LoA	-10,446	0,087	0,283
CHR5	6614927	CHR5:6614927	SSF x Far_LoA	-10,233	-0,010	0,303
CHR5	6622221	CHR5:6622221	SSF x Far_LoA	-9,449	0,004	0,300
CHR5	6622253	CHR5:6622253	SSF x Far_LoA	-10,991	0,007	0,288
CHR5	6622295	CHR5:6622295	SSF x Far_LoA	-10,322	-0,064	0,299
CHR5	6622324	CHR5:6622324	SSF x Far_LoA	-10,833	-0,026	0,301
CHR5	6624568	CHR5:6624568	SSF x Far_LoA	-8,751	-0,039	0,290
CHR5	6624799	CHR5:6624799	SSF x Far_LoA	-9,111	0,035	0,297
CHR5	6652131	CHR5:6652131	SSF x Far_LoA	-9,377	0,052	0,282
CHR5	6652145	CHR5:6652145	SSF x Far_LoA	-11,054	0,051	0,299
CHR5	6652158	CHR5:6652158	SSF x Far_LoA	-9,566	-0,095	0,280
CHR5	6652204	CHR5:6652204	SSF x Far_LoA	-7,195	-0,170	0,300
CHR5	6652236	CHR5:6652236	SSF x Far_LoA	-4,296	0,164	0,295
CHR5	6652260	CHR5:6652260	SSF x Far_LoA	-8,988	-0,081	0,293
CHR5	6652262	CHR5:6652262	SSF x Far_LoA	-9,764	-0,048	0,295
CHR5	6652327	CHR5:6652327	SSF x Far_LoA	-9,241	-0,015	0,301
CHR5	6652334	CHR5:6652334	SSF x Far_LoA	-10,141	-0,061	0,286
CHR5	6655776	CHR5:6655776	SSF x Far_LoA	-9,407	0,001	0,275
CHR5	6655931	CHR5:6655931	SSF x Far_LoA	-7,364	-0,066	0,298
CHR5	6655936	CHR5:6655936	SSF x Far_LoA	-7,996	-0,081	0,276
CHR5	6664340	CHR5:6664340	SSF x Far_LoA	-9,591	-0,165	0,286
CHR5	6664362	CHR5:6664362	SSF x Far_LoA	-11,631	-0,039	0,288
CHR5	6664389	CHR5:6664389	SSF x Far_LoA	-8,386	0,043	0,293
CHR5	6664433	CHR5:6664433	SSF x Far_LoA	-8,703	-0,032	0,296
CHR5	6666915	CHR5:6666915	SSF x Far_LoA	-8,732	0,028	0,303
CHR5	6668473	CHR5:6668473	SSF x Far_LoA	-8,460	0,074	0,310
CHR5	6668516	CHR5:6668516	SSF x Far_LoA	-9,279	0,066	0,276
CHR5	6672785	CHR5:6672785	SSF x Far_LoA	-11,025	-0,018	0,302
CHR5	6673944	CHR5:6673944	SSF x Far_LoA	-12,016	0,002	0,290
CHR5	6677835	CHR5:6677835	SSF x Far_LoA	-4,879	-0,111	0,283
CHR5	6677906	CHR5:6677906	SSF x Far_LoA	-8,664	0,073	0,278
CHR5	6677910	CHR5:6677910	SSF x Far_LoA	-8,915	0,010	0,297
CHR5	6677978	CHR5:6677978	SSF x Far_LoA	-7,843	0,117	0,279
CHR5	6679755	CHR5:6679755	SSF x Far_LoA	-9,423	-0,032	0,279
CHR5	6688753	CHR5:6688753	SSF x Far_LoA	-8,926	-0,116	0,282

CHR5	6689279	CHR5:6689279	SSF x Far_LoA	-7,667	0,038	0,280
CHR5	6695860	CHR5:6695860	SSF x Far_LoA	-11,021	0,049	0,290
CHR5	6705579	CHR5:6705579	SSF x Far_LoA	-10,321	-0,096	0,293
CHR5	6759006	CHR5:6759006	SSF x Far_LoA	-6,024	0,180	0,278
CHR5	6759186	CHR5:6759186	SSF x Far_LoA	-9,242	-0,100	0,283
CHR5	6759289	CHR5:6759289	SSF x Far_LoA	-8,456	-0,139	0,292
CHR5	6759406	CHR5:6759406	SSF x Far_LoA	-9,875	0,069	0,281
CHR5	6772047	CHR5:6772047	SSF x Far_LoA	-10,777	0,059	0,281
CHR5	6772057	CHR5:6772057	SSF x Far_LoA	-8,821	-0,037	0,285
CHR5	6772075	CHR5:6772075	SSF x Far_LoA	-9,330	-0,016	0,302
CHR5	6772234	CHR5:6772234	SSF x Far_LoA	-10,088	-0,001	0,296
CHR5	6772241	CHR5:6772241	SSF x Far_LoA	-8,781	-0,034	0,290
CHR5	6784751	CHR5:6784751	SSF x Far_LoA	-9,499	0,116	0,293
CHR5	6787929	CHR5:6787929	SSF x Far_LoA	-10,836	-0,059	0,287
CHR5	6787967	CHR5:6787967	SSF x Far_LoA	-9,833	-0,043	0,296
CHR5	6788032	CHR5:6788032	SSF x Far_LoA	-7,170	-0,131	0,281
CHR5	6788040	CHR5:6788040	SSF x Far_LoA	-8,893	0,117	0,291
CHR5	6788174	CHR5:6788174	SSF x Far_LoA	-10,221	-0,073	0,293
CHR5	6798250	CHR5:6798250	SSF x Far_LoA	-10,012	0,041	0,283
CHR5	6798253	CHR5:6798253	SSF x Far_LoA	-8,549	0,067	0,303
CHR5	6798266	CHR5:6798266	SSF x Far_LoA	-9,338	0,094	0,313
CHR5	6798273	CHR5:6798273	SSF x Far_LoA	-9,812	0,133	0,287
CHR5	6798357	CHR5:6798357	SSF x Far_LoA	-11,309	0,039	0,300
CHR5	6798548	CHR5:6798548	SSF x Far_LoA	-12,044	0,022	0,292
CHR5	6798622	CHR5:6798622	SSF x Far_LoA	-9,020	0,055	0,283
CHR5	6798646	CHR5:6798646	SSF x Far_LoA	-12,174	-0,017	0,301
CHR5	6803362	CHR5:6803362	SSF x Far_LoA	-4,165	-0,107	0,293
CHR5	6803385	CHR5:6803385	SSF x Far_LoA	-5,057	-0,164	0,284
CHR5	6803450	CHR5:6803450	SSF x Far_LoA	-6,364	-0,123	0,289
CHR5	6803479	CHR5:6803479	SSF x Far_LoA	-7,179	0,208	0,275
CHR5	6806667	CHR5:6806667	SSF x Far_LoA	-9,322	-0,071	0,286
CHR5	6806700	CHR5:6806700	SSF x Far_LoA	-10,740	-0,071	0,283
CHR5	6806775	CHR5:6806775	SSF x Far_LoA	-7,629	-0,128	0,286
CHR5	6806974	CHR5:6806974	SSF x Far_LoA	-8,149	0,063	0,272
CHR5	6806991	CHR5:6806991	SSF x Far_LoA	-6,678	0,072	0,296
CHR5	6821108	CHR5:6821108	SSF x Far_LoA	-5,576	-0,137	0,293
CHR5	6836167	CHR5:6836167	SSF x Far_LoA	-9,597	0,087	0,296
CHR5	6836337	CHR5:6836337	SSF x Far_LoA	-8,724	0,029	0,294
CHR5	6836385	CHR5:6836385	SSF x Far_LoA	-9,930	0,019	0,279
CHR5	6836536	CHR5:6836536	SSF x Far_LoA	-9,526	0,005	0,299
CHR5	6836575	CHR5:6836575	SSF x Far_LoA	-8,325	0,020	0,288
CHR5	6836616	CHR5:6836616	SSF x Far_LoA	-11,843	0,053	0,279
CHR5	6848539	CHR5:6848539	SSF x Far_LoA	-11,919	0,005	0,291
CHR5	6848586	CHR5:6848586	SSF x Far_LoA	-11,316	0,026	0,290
CHR5	6848682	CHR5:6848682	SSF x Far_LoA	-9,779	0,075	0,296
CHR5	6854557	CHR5:6854557	SSF x Far_LoA	-12,145	-0,051	0,280
CHR5	6854594	CHR5:6854594	SSF x Far_LoA	-11,012	-0,077	0,302
CHR5	6854733	CHR5:6854733	SSF x Far_LoA	-9,933	-0,010	0,305
CHR5	6854816	CHR5:6854816	SSF x Far_LoA	-8,907	-0,025	0,292
CHR5	6854830	CHR5:6854830	SSF x Far_LoA	-11,887	-0,048	0,286
CHR5	6861714	CHR5:6861714	SSF x Far_LoA	-7,139	-0,086	0,302
CHR5	6861742	CHR5:6861742	SSF x Far_LoA	-8,487	-0,090	0,292
CHR5	6878801	CHR5:6878801	SSF x Far_LoA	-8,484	-0,068	0,300

CHR5	6878902	CHR5:6878902	SSF x Far_LoA	-11,047	0,053	0,281
CHR5	6879129	CHR5:6879129	SSF x Far_LoA	-6,711	0,052	0,294
CHR5	6884628	CHR5:6884628	SSF x Far_LoA	-10,939	0,011	0,283
CHR5	6916003	CHR5:6916003	SSF x Far_LoA	-11,358	0,003	0,300
CHR5	6916081	CHR5:6916081	SSF x Far_LoA	-8,906	-0,086	0,292
CHR5	6916192	CHR5:6916192	SSF x Far_LoA	-9,166	-0,006	0,288
CHR5	6919959	CHR5:6919959	SSF x Far_LoA	-10,818	-0,005	0,284
CHR5	6919977	CHR5:6919977	SSF x Far_LoA	-7,903	0,048	0,298
CHR5	6920055	CHR5:6920055	SSF x Far_LoA	-10,538	0,039	0,292
CHR5	6920074	CHR5:6920074	SSF x Far_LoA	-9,956	0,041	0,294
CHR5	6920251	CHR5:6920251	SSF x Far_LoA	-9,580	0,109	0,301
CHR5	6920268	CHR5:6920268	SSF x Far_LoA	-7,060	0,169	0,281
CHR5	6920284	CHR5:6920284	SSF x Far_LoA	-8,211	0,154	0,274
CHR5	6920290	CHR5:6920290	SSF x Far_LoA	-6,192	0,160	0,288
CHR5	6924852	CHR5:6924852	SSF x Far_LoA	-7,012	0,143	0,290
CHR5	6930200	CHR5:6930200	SSF x Far_LoA	-8,282	-0,101	0,301
CHR5	6930235	CHR5:6930235	SSF x Far_LoA	-10,760	-0,015	0,308
CHR5	6930272	CHR5:6930272	SSF x Far_LoA	-10,855	0,020	0,301
CHR5	6969408	CHR5:6969408	SSF x Far_LoA	-5,845	0,136	0,295
CHR5	6980385	CHR5:6980385	SSF x Far_LoA	-8,828	0,006	0,282
CHR5	6980413	CHR5:6980413	SSF x Far_LoA	-9,104	-0,046	0,283
CHR5	6980501	CHR5:6980501	SSF x Far_LoA	-9,141	0,056	0,280
CHR5	6990296	CHR5:6990296	SSF x Far_LoA	-3,449	0,210	0,273
CHR5	6990297	CHR5:6990297	SSF x Far_LoA	-11,519	-0,089	0,292
CHR5	6990305	CHR5:6990305	SSF x Far_LoA	-8,921	0,145	0,271
CHR5	6990348	CHR5:6990348	SSF x Far_LoA	-6,499	-0,141	0,278
CHR5	6990349	CHR5:6990349	SSF x Far_LoA	-7,164	-0,152	0,284
CHR5	6991979	CHR5:6991979	SSF x Far_LoA	-8,632	0,083	0,309
CHR5	6997506	CHR5:6997506	SSF x Far_LoA	-8,365	-0,063	0,300
CHR5	6997526	CHR5:6997526	SSF x Far_LoA	-8,562	0,058	0,281
CHR5	6997637	CHR5:6997637	SSF x Far_LoA	-7,979	0,087	0,304
CHR5	6997651	CHR5:6997651	SSF x Far_LoA	-5,354	0,105	0,307
CHR5	6997667	CHR5:6997667	SSF x Far_LoA	-8,893	0,089	0,288
CHR5	6997680	CHR5:6997680	SSF x Far_LoA	-8,705	-0,029	0,294
CHR5	6997880	CHR5:6997880	SSF x Far_LoA	-11,314	-0,011	0,293
CHR5	7002002	CHR5:7002002	SSF x Far_LoA	-10,390	0,062	0,287
CHR5	7046535	CHR5:7046535	SSF x Far_LoA	-9,410	-0,030	0,292
CHR5	7046542	CHR5:7046542	SSF x Far_LoA	-7,824	-0,037	0,291
CHR5	7046639	CHR5:7046639	SSF x Far_LoA	-8,484	-0,066	0,296
CHR5	7046671	CHR5:7046671	SSF x Far_LoA	-8,848	-0,025	0,292
CHR5	7056667	CHR5:7056667	SSF x Far_LoA	-9,491	0,025	0,303
CHR5	7056684	CHR5:7056684	SSF x Far_LoA	-9,070	-0,047	0,298
CHR5	7056729	CHR5:7056729	SSF x Far_LoA	-7,134	-0,004	0,302
CHR5	7056773	CHR5:7056773	SSF x Far_LoA	-8,985	-0,005	0,308
CHR5	7056912	CHR5:7056912	SSF x Far_LoA	-9,720	0,021	0,307
CHR5	7141170	CHR5:7141170	SSF x Far_LoA	-9,004	0,175	0,281
CHR5	7141251	CHR5:7141251	SSF x Far_LoA	-9,587	-0,070	0,284
CHR5	7152820	CHR5:7152820	SSF x Far_LoA	-1,708	-0,113	0,289
CHR5	7165127	CHR5:7165127	SSF x Far_LoA	-10,384	-0,004	0,289
CHR5	7177519	CHR5:7177519	SSF x Far_LoA	-10,432	-0,102	0,278
CHR5	7180190	CHR5:7180190	SSF x Far_LoA	-9,064	-0,094	0,269
CHR5	7180911	CHR5:7180911	SSF x Far_LoA	-8,909	-0,105	0,291
CHR5	7180969	CHR5:7180969	SSF x Far_LoA	-11,652	0,048	0,279

CHR5	7181044	CHR5:7181044	SSF x Far_LoA	-10,249	-0,106	0,286
CHR5	7185789	CHR5:7185789	SSF x Far_LoA	-7,371	0,073	0,273
CHR5	7186017	CHR5:7186017	SSF x Far_LoA	-5,275	-0,113	0,309
CHR5	7199817	CHR5:7199817	SSF x Far_LoA	-10,192	-0,017	0,272
CHR5	7203902	CHR5:7203902	SSF x Far_LoA	-11,497	0,030	0,288
CHR5	7210640	CHR5:7210640	SSF x Far_LoA	-10,267	0,090	0,286
CHR5	7215712	CHR5:7215712	SSF x Far_LoA	-10,253	-0,003	0,293
CHR5	7215799	CHR5:7215799	SSF x Far_LoA	-7,475	0,085	0,293
CHR5	7215805	CHR5:7215805	SSF x Far_LoA	-9,206	-0,125	0,289
CHR5	7220219	CHR5:7220219	SSF x Far_LoA	-11,690	0,054	0,293
CHR5	7236043	CHR5:7236043	SSF x Far_LoA	-7,765	0,043	0,300
CHR5	7236068	CHR5:7236068	SSF x Far_LoA	-2,090	0,046	0,292
CHR5	7236071	CHR5:7236071	SSF x Far_LoA	-7,906	0,133	0,287
CHR5	7236151	CHR5:7236151	SSF x Far_LoA	-8,427	0,194	0,282
CHR5	7249514	CHR5:7249514	SSF x Far_LoA	-9,268	-0,038	0,302
CHR5	7249544	CHR5:7249544	SSF x Far_LoA	-8,386	-0,073	0,291
CHR5	7249725	CHR5:7249725	SSF x Far_LoA	-7,449	-0,045	0,292
CHR5	7252816	CHR5:7252816	SSF x Far_LoA	-7,551	0,120	0,295
CHR5	7252916	CHR5:7252916	SSF x Far_LoA	-8,937	-0,058	0,289
CHR5	7252918	CHR5:7252918	SSF x Far_LoA	-8,746	-0,042	0,284
CHR5	7252944	CHR5:7252944	SSF x Far_LoA	-8,817	-0,015	0,282
CHR5	7252958	CHR5:7252958	SSF x Far_LoA	-9,511	0,078	0,287
CHR5	7252978	CHR5:7252978	SSF x Far_LoA	-7,680	-0,043	0,299
CHR5	7253135	CHR5:7253135	SSF x Far_LoA	-4,542	-0,145	0,289
CHR5	7396820	CHR5:7396820	SSF x Far_LoA	-7,335	-0,150	0,293
CHR5	7397184	CHR5:7397184	SSF x Far_LoA	-10,778	-0,057	0,286
CHR5	7397201	CHR5:7397201	SSF x Far_LoA	-10,492	-0,037	0,292
CHR5	7397225	CHR5:7397225	SSF x Far_LoA	-9,167	-0,052	0,303
CHR5	7397227	CHR5:7397227	SSF x Far_LoA	-7,951	0,131	0,283
CHR5	7402338	CHR5:7402338	SSF x Far_LoA	-9,929	0,005	0,299
CHR5	7402391	CHR5:7402391	SSF x Far_LoA	-11,300	-0,011	0,291
CHR5	7402415	CHR5:7402415	SSF x Far_LoA	-11,056	-0,009	0,294
CHR5	7403073	CHR5:7403073	SSF x Far_LoA	-9,508	-0,071	0,277
CHR5	7403081	CHR5:7403081	SSF x Far_LoA	-10,908	0,072	0,293
CHR5	7403154	CHR5:7403154	SSF x Far_LoA	-12,079	0,022	0,288
CHR5	7403167	CHR5:7403167	SSF x Far_LoA	-9,567	-0,021	0,288
CHR5	7403186	CHR5:7403186	SSF x Far_LoA	-8,009	-0,110	0,288
CHR5	7403214	CHR5:7403214	SSF x Far_LoA	-9,881	0,046	0,289
CHR5	7411477	CHR5:7411477	SSF x Far_LoA	-10,561	0,050	0,290
CHR5	7411556	CHR5:7411556	SSF x Far_LoA	-9,947	-0,033	0,296
CHR5	7415364	CHR5:7415364	SSF x Far_LoA	-9,180	0,082	0,291
CHR5	7420815	CHR5:7420815	SSF x Far_LoA	-10,512	-0,124	0,287
CHR5	7425948	CHR5:7425948	SSF x Far_LoA	-9,334	-0,033	0,298
CHR5	7426093	CHR5:7426093	SSF x Far_LoA	-7,242	0,162	0,288
CHR5	7429477	CHR5:7429477	SSF x Far_LoA	-9,740	0,039	0,298
CHR5	7429480	CHR5:7429480	SSF x Far_LoA	-11,377	0,078	0,276
CHR5	7429494	CHR5:7429494	SSF x Far_LoA	-9,378	-0,077	0,278
CHR5	7429515	CHR5:7429515	SSF x Far_LoA	-9,690	-0,017	0,280
CHR5	7429520	CHR5:7429520	SSF x Far_LoA	-5,774	0,190	0,255
CHR5	7429546	CHR5:7429546	SSF x Far_LoA	-10,224	-0,022	0,267
CHR5	7429716	CHR5:7429716	SSF x Far_LoA	-5,312	0,150	0,272
CHR5	7429932	CHR5:7429932	SSF x Far_LoA	-10,643	0,013	0,287
CHR5	7440577	CHR5:7440577	SSF x Far_LoA	-10,313	-0,115	0,290

CHR5	7440628	CHR5:7440628	SSF x Far_LoA	-7,227	0,126	0,295
CHR5	7440757	CHR5:7440757	SSF x Far_LoA	-11,319	0,064	0,285
CHR5	7441613	CHR5:7441613	SSF x Far_LoA	-1,354	-0,120	0,272
CHR5	7441748	CHR5:7441748	SSF x Far_LoA	-8,683	0,111	0,282
CHR5	7441759	CHR5:7441759	SSF x Far_LoA	-9,830	0,160	0,299
CHR5	7441769	CHR5:7441769	SSF x Far_LoA	-9,573	0,013	0,294
CHR5	7450992	CHR5:7450992	SSF x Far_LoA	-7,641	-0,182	0,267
CHR5	7451032	CHR5:7451032	SSF x Far_LoA	-11,387	0,038	0,289
CHR5	7451041	CHR5:7451041	SSF x Far_LoA	-9,761	0,051	0,309
CHR5	7451099	CHR5:7451099	SSF x Far_LoA	-8,675	-0,048	0,292
CHR5	7451127	CHR5:7451127	SSF x Far_LoA	-11,759	-0,057	0,271
CHR5	7451140	CHR5:7451140	SSF x Far_LoA	-9,582	-0,032	0,285
CHR5	7453153	CHR5:7453153	SSF x Far_LoA	-10,069	-0,007	0,283
CHR5	7453179	CHR5:7453179	SSF x Far_LoA	-9,135	-0,079	0,294
CHR5	7453281	CHR5:7453281	SSF x Far_LoA	-11,179	-0,052	0,289
CHR5	7453283	CHR5:7453283	SSF x Far_LoA	-10,484	-0,045	0,303
CHR5	7453288	CHR5:7453288	SSF x Far_LoA	-9,245	-0,037	0,298
CHR5	7459633	CHR5:7459633	SSF x Far_LoA	-10,905	-0,089	0,283
CHR5	7461121	CHR5:7461121	SSF x Far_LoA	-9,227	0,072	0,259
CHR5	7461122	CHR5:7461122	SSF x Far_LoA	-8,090	0,052	0,266
CHR5	7461197	CHR5:7461197	SSF x Far_LoA	-9,141	0,119	0,288
CHR5	7461259	CHR5:7461259	SSF x Far_LoA	-6,405	-0,071	0,284
CHR5	7461271	CHR5:7461271	SSF x Far_LoA	-11,213	0,113	0,274
CHR5	7469356	CHR5:7469356	SSF x Far_LoA	-10,572	-0,010	0,291
CHR5	7475055	CHR5:7475055	SSF x Far_LoA	-7,809	-0,030	0,313
CHR5	7475163	CHR5:7475163	SSF x Far_LoA	-9,641	-0,076	0,283
CHR5	7488031	CHR5:7488031	SSF x Far_LoA	-8,669	-0,051	0,301
CHR5	7488071	CHR5:7488071	SSF x Far_LoA	-9,748	0,074	0,296
CHR5	7488195	CHR5:7488195	SSF x Far_LoA	-7,642	0,018	0,294
CHR5	7488221	CHR5:7488221	SSF x Far_LoA	-9,584	-0,020	0,279
CHR5	7488306	CHR5:7488306	SSF x Far_LoA	-10,687	-0,127	0,291
CHR5	7488330	CHR5:7488330	SSF x Far_LoA	-9,779	-0,065	0,295
CHR5	7488333	CHR5:7488333	SSF x Far_LoA	-10,374	-0,030	0,277
CHR5	7488353	CHR5:7488353	SSF x Far_LoA	-8,178	-0,026	0,302
CHR5	7488391	CHR5:7488391	SSF x Far_LoA	-9,143	-0,025	0,302
CHR5	7493144	CHR5:7493144	SSF x Far_LoA	-9,005	-0,114	0,291
CHR5	7493199	CHR5:7493199	SSF x Far_LoA	-9,684	0,026	0,278
CHR5	7495425	CHR5:7495425	SSF x Far_LoA	-9,610	-0,046	0,279
CHR5	7495635	CHR5:7495635	SSF x Far_LoA	-8,600	-0,012	0,292
CHR5	7496669	CHR5:7496669	SSF x Far_LoA	-10,488	0,099	0,287
CHR5	7496768	CHR5:7496768	SSF x Far_LoA	-8,902	0,155	0,300
CHR5	7496872	CHR5:7496872	SSF x Far_LoA	-6,368	-0,038	0,292
CHR5	7496898	CHR5:7496898	SSF x Far_LoA	-9,068	0,138	0,295
CHR5	7502890	CHR5:7502890	SSF x Far_LoA	-9,428	-0,087	0,291
CHR5	7513513	CHR5:7513513	SSF x Far_LoA	-10,733	0,007	0,279
CHR5	7513531	CHR5:7513531	SSF x Far_LoA	-11,173	0,012	0,296
CHR5	7513573	CHR5:7513573	SSF x Far_LoA	-10,146	0,008	0,304
CHR5	7513758	CHR5:7513758	SSF x Far_LoA	-8,643	0,062	0,298
CHR5	7517750	CHR5:7517750	SSF x Far_LoA	-8,854	-0,015	0,279
CHR5	7518776	CHR5:7518776	SSF x Far_LoA	-9,026	-0,058	0,299
CHR5	7530129	CHR5:7530129	SSF x Far_LoA	-9,551	-0,096	0,301
CHR5	7530138	CHR5:7530138	SSF x Far_LoA	-9,508	-0,089	0,293
CHR5	7530349	CHR5:7530349	SSF x Far_LoA	-10,713	0,069	0,295

CHR5	7540933	CHR5:7540933	SSF x Far_LoA	-11,270	0,034	0,297
CHR5	7541016	CHR5:7541016	SSF x Far_LoA	-10,020	0,090	0,282
CHR5	7541024	CHR5:7541024	SSF x Far_LoA	-10,372	0,016	0,286
CHR5	7541029	CHR5:7541029	SSF x Far_LoA	-7,889	-0,105	0,281
CHR5	7541106	CHR5:7541106	SSF x Far_LoA	-10,131	0,022	0,279
CHR5	7541179	CHR5:7541179	SSF x Far_LoA	-8,772	-0,044	0,292
CHR5	7541204	CHR5:7541204	SSF x Far_LoA	-11,065	-0,045	0,289
CHR5	7541251	CHR5:7541251	SSF x Far_LoA	-9,651	-0,101	0,286
CHR5	7563176	CHR5:7563176	SSF x Far_LoA	-10,896	0,037	0,288
CHR5	7563250	CHR5:7563250	SSF x Far_LoA	-11,184	0,032	0,289
CHR5	7583070	CHR5:7583070	SSF x Far_LoA	-9,090	0,046	0,286
CHR5	7599246	CHR5:7599246	SSF x Far_LoA	-9,093	0,006	0,300
CHR5	7599372	CHR5:7599372	SSF x Far_LoA	-11,324	-0,088	0,279
CHR5	7599636	CHR5:7599636	SSF x Far_LoA	-5,949	0,034	0,294
CHR5	7611386	CHR5:7611386	SSF x Far_LoA	-12,343	-0,002	0,281
CHR5	7611455	CHR5:7611455	SSF x Far_LoA	-12,011	-0,016	0,267
CHR5	7613856	CHR5:7613856	SSF x Far_LoA	-7,437	-0,033	0,287
CHR5	7613951	CHR5:7613951	SSF x Far_LoA	-11,946	0,013	0,297
CHR5	7614099	CHR5:7614099	SSF x Far_LoA	-9,304	-0,150	0,287
CHR5	7616865	CHR5:7616865	SSF x Far_LoA	-6,758	0,035	0,295
CHR5	7616905	CHR5:7616905	SSF x Far_LoA	-10,167	0,176	0,279
CHR5	7617068	CHR5:7617068	SSF x Far_LoA	-9,673	0,059	0,300
CHR5	7639606	CHR5:7639606	SSF x Far_LoA	-9,708	-0,007	0,274
CHR5	7639694	CHR5:7639694	SSF x Far_LoA	-12,163	0,011	0,281
CHR5	7641352	CHR5:7641352	SSF x Far_LoA	-8,630	-0,017	0,289
CHR5	7641359	CHR5:7641359	SSF x Far_LoA	-7,522	0,031	0,300
CHR5	7641380	CHR5:7641380	SSF x Far_LoA	-11,519	-0,018	0,294
CHR5	7641492	CHR5:7641492	SSF x Far_LoA	-8,727	-0,031	0,292
CHR5	7641509	CHR5:7641509	SSF x Far_LoA	-11,722	-0,026	0,292
CHR5	7644019	CHR5:7644019	SSF x Far_LoA	-9,818	-0,105	0,287
CHR5	7644060	CHR5:7644060	SSF x Far_LoA	-11,707	-0,018	0,286
CHR5	7648733	CHR5:7648733	SSF x Far_LoA	-7,730	0,053	0,302
CHR5	7648901	CHR5:7648901	SSF x Far_LoA	-7,685	0,000	0,299
CHR5	7652182	CHR5:7652182	SSF x Far_LoA	-11,479	0,014	0,299
CHR5	7652280	CHR5:7652280	SSF x Far_LoA	-11,750	-0,056	0,285
CHR5	7654667	CHR5:7654667	SSF x Far_LoA	-12,073	0,023	0,278
CHR5	7654691	CHR5:7654691	SSF x Far_LoA	-7,880	-0,088	0,285
CHR5	7654758	CHR5:7654758	SSF x Far_LoA	-10,914	0,024	0,290
CHR5	7655864	CHR5:7655864	SSF x Far_LoA	-6,325	0,018	0,276
CHR5	7655965	CHR5:7655965	SSF x Far_LoA	-9,620	-0,004	0,288
CHR5	7656884	CHR5:7656884	SSF x Far_LoA	-5,775	0,131	0,278
CHR5	7656885	CHR5:7656885	SSF x Far_LoA	-10,087	0,060	0,289
CHR5	7657054	CHR5:7657054	SSF x Far_LoA	-10,778	0,019	0,278
CHR5	7661795	CHR5:7661795	SSF x Far_LoA	-11,719	-0,051	0,290
CHR5	7661804	CHR5:7661804	SSF x Far_LoA	-9,228	-0,078	0,287
CHR5	7669402	CHR5:7669402	SSF x Far_LoA	-10,813	-0,015	0,279
CHR5	7700584	CHR5:7700584	SSF x Far_LoA	-10,020	-0,116	0,289
CHR5	7700801	CHR5:7700801	SSF x Far_LoA	-2,921	0,017	0,297
CHR5	7715378	CHR5:7715378	SSF x Far_LoA	-10,233	-0,018	0,308
CHR5	7715451	CHR5:7715451	SSF x Far_LoA	-6,263	-0,002	0,293
CHR5	7715503	CHR5:7715503	SSF x Far_LoA	-7,324	0,139	0,299
CHR5	7715542	CHR5:7715542	SSF x Far_LoA	-8,988	-0,058	0,300
CHR5	7723648	CHR5:7723648	SSF x Far_LoA	-4,536	0,185	0,279

CHR5	7723731	CHR5:7723731	SSF x Far_LoA	-8,683	-0,055	0,292
CHR5	7736275	CHR5:7736275	SSF x Far_LoA	-11,233	0,040	0,299
CHR5	7736337	CHR5:7736337	SSF x Far_LoA	-7,272	0,116	0,292
CHR5	7736350	CHR5:7736350	SSF x Far_LoA	-11,241	0,051	0,287
CHR5	7740134	CHR5:7740134	SSF x Far_LoA	-6,076	0,184	0,283
CHR5	7740189	CHR5:7740189	SSF x Far_LoA	-8,098	-0,086	0,289
CHR5	7740204	CHR5:7740204	SSF x Far_LoA	-5,969	-0,179	0,295
CHR5	7740242	CHR5:7740242	SSF x Far_LoA	-9,783	-0,074	0,292
CHR5	7740322	CHR5:7740322	SSF x Far_LoA	-9,764	0,020	0,288
CHR5	7740368	CHR5:7740368	SSF x Far_LoA	-9,768	-0,033	0,297
CHR5	7745914	CHR5:7745914	SSF x Far_LoA	-9,330	-0,035	0,293
CHR5	7745948	CHR5:7745948	SSF x Far_LoA	-10,667	0,028	0,300
CHR5	7745950	CHR5:7745950	SSF x Far_LoA	-11,189	0,009	0,293
CHR5	7746042	CHR5:7746042	SSF x Far_LoA	-9,727	-0,054	0,290
CHR5	7771836	CHR5:7771836	SSF x Far_LoA	-5,594	-0,025	0,279
CHR5	7771882	CHR5:7771882	SSF x Far_LoA	-10,396	0,012	0,294
CHR5	7771905	CHR5:7771905	SSF x Far_LoA	-9,814	-0,022	0,288
CHR5	7771914	CHR5:7771914	SSF x Far_LoA	-10,169	0,075	0,294
CHR5	7771946	CHR5:7771946	SSF x Far_LoA	-8,895	0,090	0,289
CHR5	7789635	CHR5:7789635	SSF x Far_LoA	-11,481	-0,088	0,284
CHR5	7789649	CHR5:7789649	SSF x Far_LoA	-9,015	-0,111	0,293
CHR5	7789667	CHR5:7789667	SSF x Far_LoA	-9,598	-0,087	0,297
CHR5	7789746	CHR5:7789746	SSF x Far_LoA	-4,280	-0,152	0,293
CHR5	7789961	CHR5:7789961	SSF x Far_LoA	-8,275	0,034	0,296
CHR5	7801812	CHR5:7801812	SSF x Far_LoA	-5,652	-0,157	0,291
CHR5	7801892	CHR5:7801892	SSF x Far_LoA	-10,601	-0,010	0,303
CHR5	7801902	CHR5:7801902	SSF x Far_LoA	-9,329	0,010	0,290
CHR5	7801940	CHR5:7801940	SSF x Far_LoA	-9,466	0,006	0,295
CHR5	7802048	CHR5:7802048	SSF x Far_LoA	-10,220	-0,082	0,292
CHR5	7804985	CHR5:7804985	SSF x Far_LoA	-9,578	0,102	0,274
CHR5	7808392	CHR5:7808392	SSF x Far_LoA	-9,886	-0,039	0,298
CHR5	7808437	CHR5:7808437	SSF x Far_LoA	-7,518	-0,103	0,289
CHR5	7808456	CHR5:7808456	SSF x Far_LoA	-6,623	-0,080	0,293
CHR5	7808514	CHR5:7808514	SSF x Far_LoA	-10,532	-0,065	0,291
CHR5	7808529	CHR5:7808529	SSF x Far_LoA	-11,176	-0,099	0,287
CHR5	7808563	CHR5:7808563	SSF x Far_LoA	-10,361	0,059	0,296
CHR5	7824197	CHR5:7824197	SSF x Far_LoA	-12,017	0,046	0,285
CHR5	7830082	CHR5:7830082	SSF x Far_LoA	-7,991	-0,147	0,279
CHR5	7830087	CHR5:7830087	SSF x Far_LoA	-9,328	-0,117	0,279
CHR5	7830121	CHR5:7830121	SSF x Far_LoA	-6,431	-0,154	0,285
CHR5	7830178	CHR5:7830178	SSF x Far_LoA	-7,292	-0,158	0,271
CHR5	7830253	CHR5:7830253	SSF x Far_LoA	-7,884	-0,160	0,277
CHR5	7841625	CHR5:7841625	SSF x Far_LoA	-10,191	0,002	0,287
CHR5	7841631	CHR5:7841631	SSF x Far_LoA	-9,758	0,060	0,284
CHR5	7841698	CHR5:7841698	SSF x Far_LoA	-9,002	0,013	0,302
CHR5	7841704	CHR5:7841704	SSF x Far_LoA	-9,686	-0,034	0,291
CHR5	7851866	CHR5:7851866	SSF x Far_LoA	-10,991	-0,045	0,297
CHR5	7852097	CHR5:7852097	SSF x Far_LoA	-9,394	-0,138	0,301
CHR5	7852142	CHR5:7852142	SSF x Far_LoA	-10,917	-0,109	0,282
CHR5	7852577	CHR5:7852577	SSF x Far_LoA	-11,747	-0,082	0,269
CHR5	7852745	CHR5:7852745	SSF x Far_LoA	-8,389	0,085	0,285
CHR5	7853752	CHR5:7853752	SSF x Far_LoA	-10,649	0,002	0,294
CHR5	7854971	CHR5:7854971	SSF x Far_LoA	-7,570	0,099	0,296

CHR5	7855403	CHR5:7855403	SSF x Far_LoA	-10,263	-0,114	0,278
CHR5	7855424	CHR5:7855424	SSF x Far_LoA	-8,414	-0,040	0,291
CHR5	7855697	CHR5:7855697	SSF x Far_LoA	-9,748	-0,036	0,279
CHR5	7855700	CHR5:7855700	SSF x Far_LoA	-10,414	0,109	0,279
CHR5	7855757	CHR5:7855757	SSF x Far_LoA	-4,282	-0,043	0,289
CHR5	7855886	CHR5:7855886	SSF x Far_LoA	-9,397	-0,051	0,292
CHR5	7863463	CHR5:7863463	SSF x Far_LoA	-7,223	0,042	0,286
CHR5	7863490	CHR5:7863490	SSF x Far_LoA	-8,094	0,083	0,298
CHR5	7863599	CHR5:7863599	SSF x Far_LoA	-7,528	-0,136	0,295
CHR5	7863649	CHR5:7863649	SSF x Far_LoA	-9,875	0,164	0,284
CHR5	7863700	CHR5:7863700	SSF x Far_LoA	-8,616	0,133	0,287
CHR5	7863717	CHR5:7863717	SSF x Far_LoA	-3,560	0,113	0,297
CHR5	7869762	CHR5:7869762	SSF x Far_LoA	-10,680	-0,011	0,296
CHR5	7869791	CHR5:7869791	SSF x Far_LoA	-10,422	0,003	0,304
CHR5	7872617	CHR5:7872617	SSF x Far_LoA	-4,492	-0,059	0,299
CHR5	7875808	CHR5:7875808	SSF x Far_LoA	-10,305	-0,093	0,297
CHR5	7892083	CHR5:7892083	SSF x Far_LoA	-9,286	-0,029	0,300
CHR5	7892124	CHR5:7892124	SSF x Far_LoA	-2,629	0,004	0,295
CHR5	7940841	CHR5:7940841	SSF x Far_LoA	-3,688	0,150	0,289
CHR5	7945124	CHR5:7945124	SSF x Far_LoA	-7,499	0,175	0,292
CHR5	7996614	CHR5:7996614	SSF x Far_LoA	-11,229	0,062	0,281
CHR5	7998782	CHR5:7998782	SSF x Far_LoA	-7,392	0,127	0,299
CHR5	7998894	CHR5:7998894	SSF x Far_LoA	-1,410	0,147	0,280
CHR5	8009207	CHR5:8009207	SSF x Far_LoA	-8,315	-0,122	0,294
CHR5	8009228	CHR5:8009228	SSF x Far_LoA	-8,976	-0,157	0,265
CHR5	8021304	CHR5:8021304	SSF x Far_LoA	-11,786	0,047	0,295
CHR5	8021338	CHR5:8021338	SSF x Far_LoA	-11,801	-0,067	0,288
CHR5	8021340	CHR5:8021340	SSF x Far_LoA	-0,657	-0,052	0,292
CHR5	8021341	CHR5:8021341	SSF x Far_LoA	-8,601	-0,017	0,301
CHR5	8021347	CHR5:8021347	SSF x Far_LoA	-10,112	-0,102	0,292
CHR5	8021370	CHR5:8021370	SSF x Far_LoA	-9,623	-0,112	0,277
CHR5	8064664	CHR5:8064664	SSF x Far_LoA	-6,534	-0,162	0,286
CHR5	8064728	CHR5:8064728	SSF x Far_LoA	-9,909	-0,147	0,298
CHR5	8064737	CHR5:8064737	SSF x Far_LoA	-6,157	-0,231	0,271
CHR5	8064766	CHR5:8064766	SSF x Far_LoA	-12,302	-0,052	0,291
CHR5	8064854	CHR5:8064854	SSF x Far_LoA	-10,258	-0,027	0,276
CHR5	8064875	CHR5:8064875	SSF x Far_LoA	-7,078	0,168	0,282
CHR5	8064891	CHR5:8064891	SSF x Far_LoA	-10,509	0,041	0,283
CHR5	8064922	CHR5:8064922	SSF x Far_LoA	-1,204	-0,171	0,299
CHR5	8064937	CHR5:8064937	SSF x Far_LoA	-9,014	0,030	0,294
CHR5	8064946	CHR5:8064946	SSF x Far_LoA	-7,978	-0,114	0,296
CHR5	8073848	CHR5:8073848	SSF x Far_LoA	-8,980	0,028	0,284
CHR5	8076570	CHR5:8076570	SSF x Far_LoA	-10,712	-0,074	0,271
CHR5	8076630	CHR5:8076630	SSF x Far_LoA	-10,108	-0,041	0,274
CHR5	8076666	CHR5:8076666	SSF x Far_LoA	-11,136	0,075	0,279
CHR5	8083037	CHR5:8083037	SSF x Far_LoA	-6,052	0,080	0,295
CHR5	8083057	CHR5:8083057	SSF x Far_LoA	-10,264	-0,083	0,295
CHR5	8083066	CHR5:8083066	SSF x Far_LoA	-6,012	-0,064	0,291
CHR5	8083108	CHR5:8083108	SSF x Far_LoA	-9,852	0,021	0,294
CHR5	8110938	CHR5:8110938	SSF x Far_LoA	-8,937	-0,041	0,297
CHR5	8125402	CHR5:8125402	SSF x Far_LoA	-6,297	-0,130	0,300
CHR5	8125646	CHR5:8125646	SSF x Far_LoA	-8,507	0,041	0,294
CHR5	8128600	CHR5:8128600	SSF x Far_LoA	-10,145	-0,042	0,294

CHR5	8128673	CHR5:8128673	SSF x Far_LoA	-9,828	-0,066	0,303
CHR5	8128680	CHR5:8128680	SSF x Far_LoA	-11,863	-0,025	0,275
CHR5	8128688	CHR5:8128688	SSF x Far_LoA	-10,239	-0,037	0,292
CHR5	8130933	CHR5:8130933	SSF x Far_LoA	-8,965	-0,021	0,287
CHR5	8131030	CHR5:8131030	SSF x Far_LoA	-7,028	-0,075	0,293
CHR5	8143356	CHR5:8143356	SSF x Far_LoA	-10,311	-0,060	0,296
CHR5	8157364	CHR5:8157364	SSF x Far_LoA	-10,156	-0,034	0,272
CHR5	8157368	CHR5:8157368	SSF x Far_LoA	-8,623	-0,073	0,285
CHR5	8157370	CHR5:8157370	SSF x Far_LoA	-9,417	-0,048	0,285
CHR5	8157372	CHR5:8157372	SSF x Far_LoA	-10,435	-0,035	0,283
CHR5	8161353	CHR5:8161353	SSF x Far_LoA	-4,890	-0,170	0,278
CHR5	8161391	CHR5:8161391	SSF x Far_LoA	-8,803	0,031	0,297
CHR5	8161608	CHR5:8161608	SSF x Far_LoA	-11,223	-0,063	0,284
CHR5	8161676	CHR5:8161676	SSF x Far_LoA	-10,621	-0,047	0,293
CHR5	8172307	CHR5:8172307	SSF x Far_LoA	-7,620	0,094	0,285
CHR5	8172329	CHR5:8172329	SSF x Far_LoA	-10,560	0,008	0,288
CHR5	8172355	CHR5:8172355	SSF x Far_LoA	-8,697	0,107	0,282
CHR5	8172358	CHR5:8172358	SSF x Far_LoA	-9,558	0,034	0,309
CHR5	8172363	CHR5:8172363	SSF x Far_LoA	-9,609	-0,077	0,275
CHR5	8172394	CHR5:8172394	SSF x Far_LoA	-7,862	0,066	0,284
CHR5	8218410	CHR5:8218410	SSF x Far_LoA	-8,443	0,125	0,264
CHR5	8218839	CHR5:8218839	SSF x Far_LoA	-7,970	-0,073	0,292
CHR5	8221331	CHR5:8221331	SSF x Far_LoA	-9,289	-0,029	0,268
CHR5	8226012	CHR5:8226012	SSF x Far_LoA	-10,247	0,022	0,278
CHR5	8226015	CHR5:8226015	SSF x Far_LoA	-8,714	0,003	0,282
CHR5	8226024	CHR5:8226024	SSF x Far_LoA	-7,459	0,024	0,296
CHR5	8226043	CHR5:8226043	SSF x Far_LoA	-9,187	0,035	0,285
CHR5	8226058	CHR5:8226058	SSF x Far_LoA	-9,297	-0,069	0,283
CHR5	8226115	CHR5:8226115	SSF x Far_LoA	-8,733	-0,043	0,304
CHR5	8228663	CHR5:8228663	SSF x Far_LoA	-11,318	0,015	0,299
CHR5	8228730	CHR5:8228730	SSF x Far_LoA	-8,502	0,151	0,292
CHR5	8228805	CHR5:8228805	SSF x Far_LoA	-5,556	-0,038	0,281
CHR5	8234757	CHR5:8234757	SSF x Far_LoA	-8,604	0,079	0,296
CHR5	8234764	CHR5:8234764	SSF x Far_LoA	-9,053	0,061	0,291
CHR5	8236517	CHR5:8236517	SSF x Far_LoA	-4,379	0,200	0,285
CHR5	824374	CHR5:824374	SSF x Far_LoA	-7,212	0,030	0,288
CHR5	824435	CHR5:824435	SSF x Far_LoA	-9,184	-0,043	0,282
CHR5	8246669	CHR5:8246669	SSF x Far_LoA	-10,350	0,106	0,283
CHR5	8246671	CHR5:8246671	SSF x Far_LoA	-9,376	0,117	0,286
CHR5	8246764	CHR5:8246764	SSF x Far_LoA	-11,738	-0,054	0,294
CHR5	8246767	CHR5:8246767	SSF x Far_LoA	-11,120	-0,060	0,295
CHR5	8246870	CHR5:8246870	SSF x Far_LoA	-6,786	-0,170	0,279
CHR5	8246987	CHR5:8246987	SSF x Far_LoA	-10,650	0,060	0,308
CHR5	8250432	CHR5:8250432	SSF x Far_LoA	-7,178	0,049	0,291
CHR5	8250498	CHR5:8250498	SSF x Far_LoA	-8,730	-0,060	0,289
CHR5	8250870	CHR5:8250870	SSF x Far_LoA	-2,623	-0,032	0,294
CHR5	8250949	CHR5:8250949	SSF x Far_LoA	-5,515	0,199	0,281
CHR5	8250959	CHR5:8250959	SSF x Far_LoA	-9,302	0,102	0,296
CHR5	8250967	CHR5:8250967	SSF x Far_LoA	-6,990	-0,089	0,288
CHR5	8250981	CHR5:8250981	SSF x Far_LoA	-5,323	-0,057	0,291
CHR5	8251009	CHR5:8251009	SSF x Far_LoA	-8,768	-0,026	0,281
CHR5	8251026	CHR5:8251026	SSF x Far_LoA	-9,555	-0,090	0,289
CHR5	8251032	CHR5:8251032	SSF x Far_LoA	-10,643	-0,092	0,281

CHR5	8260529	CHR5:8260529	SSF x Far_LoA	-4,475	0,044	0,288
CHR5	8260567	CHR5:8260567	SSF x Far_LoA	-8,958	0,113	0,294
CHR5	8260643	CHR5:8260643	SSF x Far_LoA	-9,819	0,064	0,285
CHR5	8260651	CHR5:8260651	SSF x Far_LoA	-8,857	0,039	0,296
CHR5	8263098	CHR5:8263098	SSF x Far_LoA	-8,542	-0,025	0,296
CHR5	8267857	CHR5:8267857	SSF x Far_LoA	-9,599	-0,069	0,296
CHR5	8269812	CHR5:8269812	SSF x Far_LoA	-8,826	-0,050	0,296
CHR5	8292433	CHR5:8292433	SSF x Far_LoA	-8,488	-0,110	0,296
CHR5	8297499	CHR5:8297499	SSF x Far_LoA	-10,816	-0,023	0,297
CHR5	8302177	CHR5:8302177	SSF x Far_LoA	-9,193	-0,107	0,295
CHR5	8302194	CHR5:8302194	SSF x Far_LoA	-10,435	0,116	0,291
CHR5	8302204	CHR5:8302204	SSF x Far_LoA	-9,174	0,068	0,283
CHR5	8314651	CHR5:8314651	SSF x Far_LoA	-6,974	-0,044	0,301
CHR5	8314733	CHR5:8314733	SSF x Far_LoA	-10,427	-0,024	0,289
CHR5	8314734	CHR5:8314734	SSF x Far_LoA	-7,743	0,165	0,284
CHR5	8314760	CHR5:8314760	SSF x Far_LoA	-10,512	-0,044	0,284
CHR5	8314889	CHR5:8314889	SSF x Far_LoA	-9,179	0,101	0,305
CHR5	8314967	CHR5:8314967	SSF x Far_LoA	-7,769	0,136	0,293
CHR5	8318429	CHR5:8318429	SSF x Far_LoA	-6,808	0,113	0,296
CHR5	8318583	CHR5:8318583	SSF x Far_LoA	-9,177	-0,090	0,296
CHR5	8318611	CHR5:8318611	SSF x Far_LoA	-8,271	0,044	0,298
CHR5	8318641	CHR5:8318641	SSF x Far_LoA	-10,656	-0,027	0,303
CHR5	832422	CHR5:832422	SSF x Far_LoA	-8,991	0,048	0,279
CHR5	832582	CHR5:832582	SSF x Far_LoA	-8,448	0,069	0,306
CHR5	8328851	CHR5:8328851	SSF x Far_LoA	-9,841	0,090	0,302
CHR5	8328921	CHR5:8328921	SSF x Far_LoA	-11,180	0,068	0,271
CHR5	8328936	CHR5:8328936	SSF x Far_LoA	-8,723	-0,103	0,296
CHR5	8331013	CHR5:8331013	SSF x Far_LoA	-6,848	0,109	0,296
CHR5	8331014	CHR5:8331014	SSF x Far_LoA	-10,406	0,005	0,296
CHR5	8360026	CHR5:8360026	SSF x Far_LoA	-8,734	-0,017	0,301
CHR5	8360180	CHR5:8360180	SSF x Far_LoA	-5,949	-0,218	0,275
CHR5	8364046	CHR5:8364046	SSF x Far_LoA	-8,473	-0,005	0,278
CHR5	8364977	CHR5:8364977	SSF x Far_LoA	-5,915	0,155	0,296
CHR5	8386904	CHR5:8386904	SSF x Far_LoA	-9,485	0,033	0,289
CHR5	8392633	CHR5:8392633	SSF x Far_LoA	-10,025	-0,003	0,301
CHR5	8392642	CHR5:8392642	SSF x Far_LoA	-9,313	0,074	0,288
CHR5	8400321	CHR5:8400321	SSF x Far_LoA	-8,542	-0,031	0,299
CHR5	8400634	CHR5:8400634	SSF x Far_LoA	-9,794	-0,041	0,292
CHR5	8404082	CHR5:8404082	SSF x Far_LoA	-10,194	-0,047	0,298
CHR5	8404127	CHR5:8404127	SSF x Far_LoA	-9,728	-0,066	0,299
CHR5	8404223	CHR5:8404223	SSF x Far_LoA	-10,760	-0,017	0,308
CHR5	8409699	CHR5:8409699	SSF x Far_LoA	-9,478	-0,023	0,315
CHR5	8439300	CHR5:8439300	SSF x Far_LoA	-8,914	-0,066	0,296
CHR5	8442968	CHR5:8442968	SSF x Far_LoA	-10,430	-0,038	0,286
CHR5	8443055	CHR5:8443055	SSF x Far_LoA	-8,941	-0,052	0,290
CHR5	8445488	CHR5:8445488	SSF x Far_LoA	-8,312	-0,010	0,298
CHR5	8445505	CHR5:8445505	SSF x Far_LoA	-8,781	-0,004	0,300
CHR5	8445521	CHR5:8445521	SSF x Far_LoA	-8,605	0,001	0,298
CHR5	8445582	CHR5:8445582	SSF x Far_LoA	-8,486	-0,030	0,309
CHR5	8445642	CHR5:8445642	SSF x Far_LoA	-9,381	0,148	0,290
CHR5	8445646	CHR5:8445646	SSF x Far_LoA	-9,357	0,010	0,292
CHR5	846128	CHR5:846128	SSF x Far_LoA	-11,228	-0,009	0,289
CHR5	846284	CHR5:846284	SSF x Far_LoA	-8,229	0,020	0,292

CHR5	8464546	CHR5:8464546	SSF x Far_LoA	-9,635	-0,027	0,292
CHR5	8464588	CHR5:8464588	SSF x Far_LoA	-7,707	-0,085	0,291
CHR5	8464604	CHR5:8464604	SSF x Far_LoA	-8,583	0,016	0,304
CHR5	8464762	CHR5:8464762	SSF x Far_LoA	-8,565	-0,017	0,282
CHR5	8464767	CHR5:8464767	SSF x Far_LoA	-9,560	0,053	0,285
CHR5	8470716	CHR5:8470716	SSF x Far_LoA	-8,964	0,045	0,286
CHR5	8470854	CHR5:8470854	SSF x Far_LoA	-10,954	-0,080	0,286
CHR5	8470866	CHR5:8470866	SSF x Far_LoA	-8,466	0,087	0,278
CHR5	8484658	CHR5:8484658	SSF x Far_LoA	-11,659	-0,049	0,282
CHR5	8490686	CHR5:8490686	SSF x Far_LoA	-8,620	-0,074	0,290
CHR5	8490842	CHR5:8490842	SSF x Far_LoA	-11,639	0,076	0,290
CHR5	8492511	CHR5:8492511	SSF x Far_LoA	-9,642	0,031	0,294
CHR5	8492533	CHR5:8492533	SSF x Far_LoA	-10,123	0,031	0,286
CHR5	8497527	CHR5:8497527	SSF x Far_LoA	-6,812	0,245	0,279
CHR5	8497592	CHR5:8497592	SSF x Far_LoA	-8,760	0,232	0,277
CHR5	8511696	CHR5:8511696	SSF x Far_LoA	-10,561	0,028	0,299
CHR5	8511786	CHR5:8511786	SSF x Far_LoA	-10,784	0,033	0,299
CHR5	8511856	CHR5:8511856	SSF x Far_LoA	-10,750	-0,105	0,287
CHR5	8511906	CHR5:8511906	SSF x Far_LoA	-10,677	0,032	0,294
CHR5	8511911	CHR5:8511911	SSF x Far_LoA	-9,461	-0,045	0,294
CHR5	8522824	CHR5:8522824	SSF x Far_LoA	-8,782	-0,100	0,283
CHR5	8522855	CHR5:8522855	SSF x Far_LoA	-8,385	-0,055	0,293
CHR5	8522882	CHR5:8522882	SSF x Far_LoA	-9,195	0,038	0,294
CHR5	8522899	CHR5:8522899	SSF x Far_LoA	-8,773	-0,056	0,292
CHR5	8522977	CHR5:8522977	SSF x Far_LoA	-8,789	-0,029	0,301
CHR5	8523054	CHR5:8523054	SSF x Far_LoA	-11,662	0,066	0,291
CHR5	8523087	CHR5:8523087	SSF x Far_LoA	-9,242	0,071	0,278
CHR5	8544257	CHR5:8544257	SSF x Far_LoA	-9,672	0,076	0,289
CHR5	8544270	CHR5:8544270	SSF x Far_LoA	-9,827	0,102	0,268
CHR5	8561504	CHR5:8561504	SSF x Far_LoA	-8,761	0,068	0,293
CHR5	8561534	CHR5:8561534	SSF x Far_LoA	-5,866	0,126	0,297
CHR5	8561607	CHR5:8561607	SSF x Far_LoA	-9,778	0,091	0,280
CHR5	8563666	CHR5:8563666	SSF x Far_LoA	-10,453	0,057	0,298
CHR5	8563872	CHR5:8563872	SSF x Far_LoA	-10,159	0,040	0,299
CHR5	8605639	CHR5:8605639	SSF x Far_LoA	-5,648	0,108	0,287
CHR5	8605640	CHR5:8605640	SSF x Far_LoA	-6,233	0,151	0,287
CHR5	8605667	CHR5:8605667	SSF x Far_LoA	-12,383	-0,002	0,298
CHR5	8605738	CHR5:8605738	SSF x Far_LoA	-11,052	0,045	0,281
CHR5	8605912	CHR5:8605912	SSF x Far_LoA	-7,590	-0,095	0,282
CHR5	860615	CHR5:860615	SSF x Far_LoA	1,737	-0,038	0,302
CHR5	8635402	CHR5:8635402	SSF x Far_LoA	-8,370	0,055	0,302
CHR5	8635422	CHR5:8635422	SSF x Far_LoA	-7,599	0,162	0,287
CHR5	8635458	CHR5:8635458	SSF x Far_LoA	-10,630	0,070	0,287
CHR5	8653659	CHR5:8653659	SSF x Far_LoA	-10,557	-0,064	0,289
CHR5	8653702	CHR5:8653702	SSF x Far_LoA	-7,853	-0,089	0,282
CHR5	8699544	CHR5:8699544	SSF x Far_LoA	-7,861	0,012	0,293
CHR5	8699578	CHR5:8699578	SSF x Far_LoA	-8,427	0,063	0,280
CHR5	8699658	CHR5:8699658	SSF x Far_LoA	-6,999	0,074	0,278
CHR5	8699679	CHR5:8699679	SSF x Far_LoA	-9,013	0,053	0,276
CHR5	8699694	CHR5:8699694	SSF x Far_LoA	-7,171	0,088	0,279
CHR5	8699712	CHR5:8699712	SSF x Far_LoA	-10,920	0,054	0,275
CHR5	8699721	CHR5:8699721	SSF x Far_LoA	-7,519	0,094	0,285
CHR5	8699796	CHR5:8699796	SSF x Far_LoA	-6,151	0,159	0,278

CHR5	8702919	CHR5:8702919	SSF x Far_LoA	-10,629	0,004	0,292
CHR5	8702922	CHR5:8702922	SSF x Far_LoA	-10,320	0,003	0,292
CHR5	8703014	CHR5:8703014	SSF x Far_LoA	-8,666	-0,057	0,302
CHR5	8703042	CHR5:8703042	SSF x Far_LoA	-8,729	-0,004	0,302
CHR5	8703115	CHR5:8703115	SSF x Far_LoA	-10,564	0,005	0,290
CHR5	8704722	CHR5:8704722	SSF x Far_LoA	-10,821	0,082	0,292
CHR5	8704802	CHR5:8704802	SSF x Far_LoA	-11,474	-0,006	0,304
CHR5	8715448	CHR5:8715448	SSF x Far_LoA	-6,942	0,263	0,269
CHR5	8715685	CHR5:8715685	SSF x Far_LoA	-8,497	0,022	0,308
CHR5	8715691	CHR5:8715691	SSF x Far_LoA	-9,008	0,020	0,301
CHR5	8715727	CHR5:8715727	SSF x Far_LoA	-9,596	0,029	0,289
CHR5	8715736	CHR5:8715736	SSF x Far_LoA	-10,333	0,036	0,293
CHR5	8715758	CHR5:8715758	SSF x Far_LoA	-10,966	-0,082	0,292
CHR5	8715778	CHR5:8715778	SSF x Far_LoA	-8,008	0,025	0,293
CHR5	8722482	CHR5:8722482	SSF x Far_LoA	-10,065	0,029	0,291
CHR5	8722526	CHR5:8722526	SSF x Far_LoA	-9,007	0,001	0,295
CHR5	8722546	CHR5:8722546	SSF x Far_LoA	-8,027	-0,020	0,299
CHR5	8722582	CHR5:8722582	SSF x Far_LoA	-11,238	-0,026	0,305
CHR5	8730043	CHR5:8730043	SSF x Far_LoA	-8,460	-0,021	0,298
CHR5	8730058	CHR5:8730058	SSF x Far_LoA	-8,506	0,072	0,294
CHR5	8732715	CHR5:8732715	SSF x Far_LoA	-8,190	-0,023	0,294
CHR5	8732738	CHR5:8732738	SSF x Far_LoA	-0,274	-0,169	0,270
CHR5	8732792	CHR5:8732792	SSF x Far_LoA	-5,728	0,040	0,293
CHR5	875265	CHR5:875265	SSF x Far_LoA	-6,012	-0,170	0,283
CHR5	8779585	CHR5:8779585	SSF x Far_LoA	-10,673	0,068	0,279
CHR5	8779630	CHR5:8779630	SSF x Far_LoA	-7,694	0,084	0,294
CHR5	8798990	CHR5:8798990	SSF x Far_LoA	-10,490	-0,035	0,290
CHR5	8799154	CHR5:8799154	SSF x Far_LoA	-5,888	-0,114	0,300
CHR5	8799158	CHR5:8799158	SSF x Far_LoA	-10,708	0,055	0,290
CHR5	8799174	CHR5:8799174	SSF x Far_LoA	-11,329	0,067	0,299
CHR5	8799180	CHR5:8799180	SSF x Far_LoA	-6,920	-0,121	0,279
CHR5	8799204	CHR5:8799204	SSF x Far_LoA	-11,550	-0,090	0,288
CHR5	8799212	CHR5:8799212	SSF x Far_LoA	-11,438	-0,066	0,295
CHR5	8799230	CHR5:8799230	SSF x Far_LoA	-9,849	-0,018	0,310
CHR5	8801888	CHR5:8801888	SSF x Far_LoA	-6,623	0,066	0,284
CHR5	8801910	CHR5:8801910	SSF x Far_LoA	-8,163	-0,034	0,285
CHR5	8801938	CHR5:8801938	SSF x Far_LoA	-8,045	-0,012	0,310
CHR5	8801993	CHR5:8801993	SSF x Far_LoA	-9,452	-0,090	0,282
CHR5	8802011	CHR5:8802011	SSF x Far_LoA	-11,431	-0,001	0,288
CHR5	8802018	CHR5:8802018	SSF x Far_LoA	-8,954	-0,057	0,302
CHR5	8808744	CHR5:8808744	SSF x Far_LoA	-5,265	0,047	0,295
CHR5	8808763	CHR5:8808763	SSF x Far_LoA	-9,043	-0,070	0,280
CHR5	8808777	CHR5:8808777	SSF x Far_LoA	-9,479	0,013	0,297
CHR5	8808791	CHR5:8808791	SSF x Far_LoA	-9,802	0,087	0,290
CHR5	8808807	CHR5:8808807	SSF x Far_LoA	-7,245	0,022	0,273
CHR5	8808831	CHR5:8808831	SSF x Far_LoA	-4,127	-0,121	0,307
CHR5	8808842	CHR5:8808842	SSF x Far_LoA	-11,090	-0,062	0,290
CHR5	8808876	CHR5:8808876	SSF x Far_LoA	-8,309	-0,024	0,277
CHR5	8808887	CHR5:8808887	SSF x Far_LoA	-11,353	0,081	0,284
CHR5	8808943	CHR5:8808943	SSF x Far_LoA	-8,029	0,047	0,299
CHR5	8808955	CHR5:8808955	SSF x Far_LoA	-8,212	-0,039	0,295
CHR5	8808988	CHR5:8808988	SSF x Far_LoA	-8,003	-0,091	0,290
CHR5	8809019	CHR5:8809019	SSF x Far_LoA	-8,662	0,025	0,298

CHR5	8817207	CHR5:8817207	SSF x Far_LoA	-11,141	-0,045	0,304
CHR5	8817214	CHR5:8817214	SSF x Far_LoA	-3,349	-0,163	0,284
CHR5	8817293	CHR5:8817293	SSF x Far_LoA	-8,856	0,136	0,285
CHR5	8817297	CHR5:8817297	SSF x Far_LoA	-7,810	0,206	0,282
CHR5	8817388	CHR5:8817388	SSF x Far_LoA	-10,933	-0,041	0,288
CHR5	8817390	CHR5:8817390	SSF x Far_LoA	-10,699	0,111	0,286
CHR5	8829082	CHR5:8829082	SSF x Far_LoA	-7,502	0,098	0,277
CHR5	8829092	CHR5:8829092	SSF x Far_LoA	-11,052	-0,032	0,287
CHR5	8829316	CHR5:8829316	SSF x Far_LoA	-9,063	0,021	0,319
CHR5	8829373	CHR5:8829373	SSF x Far_LoA	-10,371	-0,025	0,292
CHR5	883134	CHR5:883134	SSF x Far_LoA	-6,768	-0,225	0,287
CHR5	8844904	CHR5:8844904	SSF x Far_LoA	-8,241	-0,058	0,309
CHR5	8845015	CHR5:8845015	SSF x Far_LoA	-10,253	0,123	0,273
CHR5	8845071	CHR5:8845071	SSF x Far_LoA	-9,865	-0,071	0,287
CHR5	8848113	CHR5:8848113	SSF x Far_LoA	-8,936	0,097	0,280
CHR5	8861310	CHR5:8861310	SSF x Far_LoA	-12,005	0,056	0,296
CHR5	8861311	CHR5:8861311	SSF x Far_LoA	-9,849	0,022	0,294
CHR5	8861365	CHR5:8861365	SSF x Far_LoA	-8,867	-0,141	0,284
CHR5	8868848	CHR5:8868848	SSF x Far_LoA	-7,904	-0,008	0,283
CHR5	8868905	CHR5:8868905	SSF x Far_LoA	-9,884	-0,017	0,287
CHR5	8896579	CHR5:8896579	SSF x Far_LoA	-10,538	0,052	0,304
CHR5	8919268	CHR5:8919268	SSF x Far_LoA	-8,835	0,074	0,288
CHR5	8919328	CHR5:8919328	SSF x Far_LoA	-8,928	0,069	0,284
CHR5	8919440	CHR5:8919440	SSF x Far_LoA	-10,871	0,005	0,298
CHR5	8919449	CHR5:8919449	SSF x Far_LoA	-9,340	-0,117	0,285
CHR5	8919461	CHR5:8919461	SSF x Far_LoA	-11,491	0,033	0,282
CHR5	8919473	CHR5:8919473	SSF x Far_LoA	-8,829	0,062	0,288
CHR5	8919536	CHR5:8919536	SSF x Far_LoA	-9,339	-0,126	0,290
CHR5	8922750	CHR5:8922750	SSF x Far_LoA	-8,759	-0,105	0,283
CHR5	8937398	CHR5:8937398	SSF x Far_LoA	-11,015	0,006	0,292
CHR5	8940041	CHR5:8940041	SSF x Far_LoA	-10,567	0,005	0,292
CHR5	8940069	CHR5:8940069	SSF x Far_LoA	-8,444	0,039	0,276
CHR5	8940217	CHR5:8940217	SSF x Far_LoA	-3,619	0,000	0,290
CHR5	8947253	CHR5:8947253	SSF x Far_LoA	-10,497	-0,038	0,294
CHR5	9056209	CHR5:9056209	SSF x Far_LoA	-2,455	-0,207	0,282
CHR5	9056225	CHR5:9056225	SSF x Far_LoA	-11,028	0,093	0,288
CHR5	909308	CHR5:909308	SSF x Far_LoA	-9,715	-0,004	0,299
CHR5	9098136	CHR5:9098136	SSF x Far_LoA	-9,294	0,000	0,294
CHR5	9106377	CHR5:9106377	SSF x Far_LoA	-7,952	-0,204	0,274
CHR5	9106437	CHR5:9106437	SSF x Far_LoA	-9,273	-0,055	0,291
CHR5	9122665	CHR5:9122665	SSF x Far_LoA	-10,383	0,023	0,300
CHR5	9131960	CHR5:9131960	SSF x Far_LoA	-11,049	0,072	0,278
CHR5	9140290	CHR5:9140290	SSF x Far_LoA	-9,143	-0,100	0,292
CHR5	9161916	CHR5:9161916	SSF x Far_LoA	-6,083	-0,095	0,291
CHR5	9162053	CHR5:9162053	SSF x Far_LoA	-10,289	-0,066	0,293
CHR5	9162382	CHR5:9162382	SSF x Far_LoA	-11,549	0,039	0,286
CHR5	9162495	CHR5:9162495	SSF x Far_LoA	-11,261	0,004	0,281
CHR5	9171393	CHR5:9171393	SSF x Far_LoA	-9,291	0,033	0,300
CHR5	9171401	CHR5:9171401	SSF x Far_LoA	-6,742	-0,043	0,298
CHR5	9171435	CHR5:9171435	SSF x Far_LoA	-9,927	-0,001	0,297
CHR5	9202413	CHR5:9202413	SSF x Far_LoA	-8,577	0,071	0,290
CHR5	9205516	CHR5:9205516	SSF x Far_LoA	-10,692	-0,046	0,285
CHR5	9206858	CHR5:9206858	SSF x Far_LoA	-9,150	0,043	0,289

CHR5	9215315	CHR5:9215315	SSF x Far_LoA	-10,211	0,062	0,285
CHR5	9248046	CHR5:9248046	SSF x Far_LoA	-9,200	-0,123	0,296
CHR5	9248213	CHR5:9248213	SSF x Far_LoA	-9,232	-0,101	0,278
CHR5	9248252	CHR5:9248252	SSF x Far_LoA	-8,333	-0,053	0,292
CHR5	9269886	CHR5:9269886	SSF x Far_LoA	-8,292	0,045	0,295
CHR5	9269977	CHR5:9269977	SSF x Far_LoA	-9,611	0,050	0,267
CHR5	9270015	CHR5:9270015	SSF x Far_LoA	-7,276	0,135	0,283
CHR5	9270089	CHR5:9270089	SSF x Far_LoA	-9,077	-0,052	0,284
CHR5	9270127	CHR5:9270127	SSF x Far_LoA	-8,954	-0,012	0,287
CHR5	9270131	CHR5:9270131	SSF x Far_LoA	-8,607	0,067	0,274
CHR5	9275617	CHR5:9275617	SSF x Far_LoA	-10,873	-0,095	0,296
CHR5	9275690	CHR5:9275690	SSF x Far_LoA	-8,194	-0,111	0,286
CHR5	9275714	CHR5:9275714	SSF x Far_LoA	-10,620	0,042	0,298
CHR5	9275801	CHR5:9275801	SSF x Far_LoA	-5,946	-0,119	0,300
CHR5	9275826	CHR5:9275826	SSF x Far_LoA	-9,191	-0,070	0,293
CHR5	9275831	CHR5:9275831	SSF x Far_LoA	-8,386	-0,072	0,290
CHR5	9283066	CHR5:9283066	SSF x Far_LoA	-7,275	-0,129	0,297
CHR5	9283071	CHR5:9283071	SSF x Far_LoA	-4,200	0,186	0,291
CHR5	9283125	CHR5:9283125	SSF x Far_LoA	-10,808	0,020	0,294
CHR5	9283133	CHR5:9283133	SSF x Far_LoA	-9,177	0,036	0,262
CHR5	9301012	CHR5:9301012	SSF x Far_LoA	-10,185	0,147	0,298
CHR5	9301187	CHR5:9301187	SSF x Far_LoA	-10,638	0,106	0,293
CHR5	9304427	CHR5:9304427	SSF x Far_LoA	-7,943	-0,118	0,278
CHR5	9306919	CHR5:9306919	SSF x Far_LoA	-5,935	0,210	0,277
CHR5	9306995	CHR5:9306995	SSF x Far_LoA	-11,662	0,013	0,291
CHR5	930946	CHR5:930946	SSF x Far_LoA	-7,777	-0,113	0,284
CHR5	9311878	CHR5:9311878	SSF x Far_LoA	-10,729	-0,071	0,290
CHR5	931285	CHR5:931285	SSF x Far_LoA	-9,117	0,004	0,317
CHR5	931394	CHR5:931394	SSF x Far_LoA	-9,496	-0,116	0,290
CHR5	9319179	CHR5:9319179	SSF x Far_LoA	-10,416	0,087	0,284
CHR5	9319217	CHR5:9319217	SSF x Far_LoA	-12,518	-0,001	0,288
CHR5	9319239	CHR5:9319239	SSF x Far_LoA	-11,224	-0,038	0,289
CHR5	9319241	CHR5:9319241	SSF x Far_LoA	-7,081	-0,008	0,309
CHR5	9319289	CHR5:9319289	SSF x Far_LoA	-9,078	-0,011	0,293
CHR5	9319306	CHR5:9319306	SSF x Far_LoA	-9,928	0,010	0,295
CHR5	9319310	CHR5:9319310	SSF x Far_LoA	-8,360	-0,018	0,290
CHR5	9319808	CHR5:9319808	SSF x Far_LoA	-10,944	-0,014	0,284
CHR5	9319881	CHR5:9319881	SSF x Far_LoA	-9,464	0,009	0,278
CHR5	9321117	CHR5:9321117	SSF x Far_LoA	-11,197	-0,046	0,287
CHR5	9348166	CHR5:9348166	SSF x Far_LoA	-5,627	0,155	0,290
CHR5	9348179	CHR5:9348179	SSF x Far_LoA	-9,989	-0,045	0,298
CHR5	9348218	CHR5:9348218	SSF x Far_LoA	-8,593	-0,139	0,283
CHR5	9348249	CHR5:9348249	SSF x Far_LoA	-10,988	0,018	0,287
CHR5	9348301	CHR5:9348301	SSF x Far_LoA	-9,903	-0,054	0,274
CHR5	9348317	CHR5:9348317	SSF x Far_LoA	-9,355	-0,013	0,291
CHR5	9348330	CHR5:9348330	SSF x Far_LoA	-5,441	-0,081	0,286
CHR5	9348383	CHR5:9348383	SSF x Far_LoA	-9,618	-0,016	0,280
CHR5	9348384	CHR5:9348384	SSF x Far_LoA	-7,016	-0,020	0,290
CHR5	9356229	CHR5:9356229	SSF x Far_LoA	-6,208	0,061	0,290
CHR5	9356261	CHR5:9356261	SSF x Far_LoA	-7,875	0,070	0,288
CHR5	9356281	CHR5:9356281	SSF x Far_LoA	-7,199	0,052	0,276
CHR5	9360867	CHR5:9360867	SSF x Far_LoA	-9,677	-0,004	0,299
CHR5	9376630	CHR5:9376630	SSF x Far_LoA	-11,947	-0,019	0,275

CHR5	939200	CHR5:939200	SSF x Far_LoA	-9,013	-0,132	0,283
CHR5	9398090	CHR5:9398090	SSF x Far_LoA	-11,252	0,009	0,284
CHR5	9398196	CHR5:9398196	SSF x Far_LoA	-4,323	0,077	0,292
CHR5	9398275	CHR5:9398275	SSF x Far_LoA	-6,692	-0,166	0,277
CHR5	9398375	CHR5:9398375	SSF x Far_LoA	-11,131	0,036	0,292
CHR5	940929	CHR5:940929	SSF x Far_LoA	-10,064	-0,060	0,286
CHR5	940955	CHR5:940955	SSF x Far_LoA	-7,691	0,015	0,305
CHR5	9425249	CHR5:9425249	SSF x Far_LoA	3,268	0,138	0,291
CHR5	9434270	CHR5:9434270	SSF x Far_LoA	-9,235	0,032	0,272
CHR5	9434306	CHR5:9434306	SSF x Far_LoA	-11,627	0,042	0,290
CHR5	9443468	CHR5:9443468	SSF x Far_LoA	-9,136	0,043	0,286
CHR5	9472545	CHR5:9472545	SSF x Far_LoA	-11,410	0,017	0,280
CHR5	9472570	CHR5:9472570	SSF x Far_LoA	-8,716	0,051	0,298
CHR5	9473522	CHR5:9473522	SSF x Far_LoA	-10,731	-0,063	0,292
CHR5	9478167	CHR5:9478167	SSF x Far_LoA	-9,649	-0,073	0,281
CHR5	9478220	CHR5:9478220	SSF x Far_LoA	-9,749	-0,123	0,286
CHR5	9478281	CHR5:9478281	SSF x Far_LoA	-11,506	-0,011	0,292
CHR5	9496104	CHR5:9496104	SSF x Far_LoA	-9,014	0,046	0,292
CHR5	9496405	CHR5:9496405	SSF x Far_LoA	-9,760	0,093	0,282
CHR5	9496548	CHR5:9496548	SSF x Far_LoA	-10,357	0,010	0,292
CHR5	9529740	CHR5:9529740	SSF x Far_LoA	-8,450	-0,079	0,286
CHR5	9529762	CHR5:9529762	SSF x Far_LoA	-11,189	0,010	0,297
CHR5	9530790	CHR5:9530790	SSF x Far_LoA	-9,110	-0,051	0,305
CHR5	9530857	CHR5:9530857	SSF x Far_LoA	-6,181	-0,098	0,297
CHR5	9530869	CHR5:9530869	SSF x Far_LoA	-9,041	0,051	0,300
CHR5	9530871	CHR5:9530871	SSF x Far_LoA	-7,070	0,075	0,292
CHR5	9540819	CHR5:9540819	SSF x Far_LoA	-7,072	-0,051	0,295
CHR5	9540843	CHR5:9540843	SSF x Far_LoA	-10,190	0,118	0,293
CHR5	9540873	CHR5:9540873	SSF x Far_LoA	-8,655	-0,051	0,277
CHR5	9540895	CHR5:9540895	SSF x Far_LoA	-10,218	-0,032	0,299
CHR5	9544339	CHR5:9544339	SSF x Far_LoA	-10,636	-0,022	0,283
CHR5	9554865	CHR5:9554865	SSF x Far_LoA	-10,461	0,117	0,281
CHR5	9554872	CHR5:9554872	SSF x Far_LoA	-8,438	-0,132	0,298
CHR5	9555015	CHR5:9555015	SSF x Far_LoA	-11,588	-0,036	0,287
CHR5	9561522	CHR5:9561522	SSF x Far_LoA	-2,304	0,193	0,296
CHR5	9561542	CHR5:9561542	SSF x Far_LoA	-7,262	0,070	0,296
CHR5	9561569	CHR5:9561569	SSF x Far_LoA	-8,549	-0,101	0,291
CHR5	9561648	CHR5:9561648	SSF x Far_LoA	-9,903	0,066	0,280
CHR5	9569193	CHR5:9569193	SSF x Far_LoA	-10,531	0,070	0,289
CHR5	9569305	CHR5:9569305	SSF x Far_LoA	-10,064	-0,110	0,291
CHR5	9569306	CHR5:9569306	SSF x Far_LoA	-7,271	0,152	0,294
CHR5	959941	CHR5:959941	SSF x Far_LoA	-4,379	0,130	0,283
CHR5	959985	CHR5:959985	SSF x Far_LoA	-8,098	-0,129	0,289
CHR5	960014	CHR5:960014	SSF x Far_LoA	-7,638	-0,076	0,294
CHR5	9603785	CHR5:9603785	SSF x Far_LoA	-4,145	-0,051	0,285
CHR5	9603799	CHR5:9603799	SSF x Far_LoA	-8,161	-0,006	0,307
CHR5	9603850	CHR5:9603850	SSF x Far_LoA	-8,177	0,225	0,273
CHR5	9603868	CHR5:9603868	SSF x Far_LoA	-7,702	-0,168	0,261
CHR5	9603897	CHR5:9603897	SSF x Far_LoA	-5,329	-0,164	0,277
CHR5	9604007	CHR5:9604007	SSF x Far_LoA	0,089	-0,089	0,289
CHR5	9606374	CHR5:9606374	SSF x Far_LoA	-6,470	0,135	0,293
CHR5	9606459	CHR5:9606459	SSF x Far_LoA	-9,670	0,005	0,282
CHR5	9606562	CHR5:9606562	SSF x Far_LoA	-8,712	-0,105	0,290

CHR5	9606610	CHR5:9606610	SSF x Far_LoA	-6,543	0,186	0,285
CHR5	9606626	CHR5:9606626	SSF x Far_LoA	-5,516	0,178	0,294
CHR5	9622481	CHR5:9622481	SSF x Far_LoA	-9,335	0,037	0,289
CHR5	9622529	CHR5:9622529	SSF x Far_LoA	-8,989	-0,058	0,282
CHR5	9622603	CHR5:9622603	SSF x Far_LoA	-10,419	0,082	0,289
CHR5	9622631	CHR5:9622631	SSF x Far_LoA	-12,066	0,029	0,285
CHR5	9628643	CHR5:9628643	SSF x Far_LoA	-7,380	-0,104	0,294
CHR5	9628729	CHR5:9628729	SSF x Far_LoA	-10,521	0,049	0,303
CHR5	9628789	CHR5:9628789	SSF x Far_LoA	-2,120	-0,146	0,300
CHR5	9631474	CHR5:9631474	SSF x Far_LoA	-9,204	0,122	0,265
CHR5	9631523	CHR5:9631523	SSF x Far_LoA	-9,050	-0,062	0,286
CHR5	9631542	CHR5:9631542	SSF x Far_LoA	-7,075	0,038	0,280
CHR5	9631682	CHR5:9631682	SSF x Far_LoA	-5,351	0,110	0,269
CHR5	9635256	CHR5:9635256	SSF x Far_LoA	-4,927	-0,163	0,298
CHR5	9635258	CHR5:9635258	SSF x Far_LoA	-10,168	-0,147	0,278
CHR5	9635466	CHR5:9635466	SSF x Far_LoA	-7,459	0,045	0,313
CHR5	9644847	CHR5:9644847	SSF x Far_LoA	-5,052	-0,105	0,288
CHR5	9644858	CHR5:9644858	SSF x Far_LoA	-8,463	-0,068	0,288
CHR5	9644898	CHR5:9644898	SSF x Far_LoA	-11,485	0,033	0,287
CHR5	9644929	CHR5:9644929	SSF x Far_LoA	-10,925	-0,007	0,288
CHR5	9644932	CHR5:9644932	SSF x Far_LoA	-10,018	0,001	0,294
CHR5	9644969	CHR5:9644969	SSF x Far_LoA	-11,236	0,039	0,279
CHR5	9644976	CHR5:9644976	SSF x Far_LoA	-10,430	0,017	0,297
CHR5	9658821	CHR5:9658821	SSF x Far_LoA	-10,938	0,051	0,295
CHR5	9658858	CHR5:9658858	SSF x Far_LoA	-10,084	-0,039	0,299
CHR5	9658898	CHR5:9658898	SSF x Far_LoA	-8,865	-0,037	0,285
CHR5	9685783	CHR5:9685783	SSF x Far_LoA	-9,468	0,041	0,291
CHR5	9685949	CHR5:9685949	SSF x Far_LoA	-11,165	-0,040	0,298
CHR5	9691610	CHR5:9691610	SSF x Far_LoA	-10,681	0,079	0,297
CHR5	9691682	CHR5:9691682	SSF x Far_LoA	-9,899	0,005	0,292
CHR5	9691754	CHR5:9691754	SSF x Far_LoA	-11,024	-0,029	0,290
CHR5	9691765	CHR5:9691765	SSF x Far_LoA	-10,480	-0,036	0,292
CHR5	9691830	CHR5:9691830	SSF x Far_LoA	-8,032	-0,038	0,276
CHR5	9691847	CHR5:9691847	SSF x Far_LoA	-11,752	-0,014	0,281
CHR5	9724627	CHR5:9724627	SSF x Far_LoA	-10,180	-0,106	0,291
CHR5	9725539	CHR5:9725539	SSF x Far_LoA	-9,057	-0,107	0,301
CHR5	9735265	CHR5:9735265	SSF x Far_LoA	-7,383	0,086	0,295
CHR5	9735303	CHR5:9735303	SSF x Far_LoA	-11,102	0,052	0,282
CHR5	9735355	CHR5:9735355	SSF x Far_LoA	-10,802	-0,007	0,280
CHR5	9757436	CHR5:9757436	SSF x Far_LoA	-6,298	-0,104	0,292
CHR5	9768137	CHR5:9768137	SSF x Far_LoA	-10,574	0,088	0,291
CHR5	977584	CHR5:977584	SSF x Far_LoA	-8,448	-0,077	0,287
CHR5	9781541	CHR5:9781541	SSF x Far_LoA	-10,201	-0,046	0,280
CHR5	9781589	CHR5:9781589	SSF x Far_LoA	-10,136	-0,025	0,298
CHR5	9781655	CHR5:9781655	SSF x Far_LoA	-9,825	0,022	0,288
CHR5	9787012	CHR5:9787012	SSF x Far_LoA	-9,774	0,002	0,288
CHR5	9787048	CHR5:9787048	SSF x Far_LoA	-8,501	0,011	0,299
CHR5	9787924	CHR5:9787924	SSF x Far_LoA	-9,878	-0,014	0,317
CHR5	9788896	CHR5:9788896	SSF x Far_LoA	-10,296	-0,094	0,289
CHR5	9791735	CHR5:9791735	SSF x Far_LoA	-9,226	0,038	0,290
CHR5	9791741	CHR5:9791741	SSF x Far_LoA	-8,469	0,021	0,305
CHR5	9794229	CHR5:9794229	SSF x Far_LoA	-8,583	-0,012	0,299
CHR5	9794339	CHR5:9794339	SSF x Far_LoA	-11,136	0,061	0,293

CHR5	9794341	CHR5:9794341	SSF x Far_LoA	-8,709	0,081	0,296
CHR5	9794564	CHR5:9794564	SSF x Far_LoA	-7,879	-0,062	0,305
CHR5	9820987	CHR5:9820987	SSF x Far_LoA	-7,625	0,024	0,287
CHR5	9820996	CHR5:9820996	SSF x Far_LoA	-5,900	0,057	0,289
CHR5	987162	CHR5:987162	SSF x Far_LoA	-7,787	0,023	0,261
CHR5	987204	CHR5:987204	SSF x Far_LoA	-9,033	0,055	0,287
CHR5	987255	CHR5:987255	SSF x Far_LoA	-9,172	-0,083	0,277
CHR5	987289	CHR5:987289	SSF x Far_LoA	-11,193	0,032	0,307
CHR5	9936067	CHR5:9936067	SSF x Far_LoA	-9,962	-0,002	0,308
CHR5	9936072	CHR5:9936072	SSF x Far_LoA	-9,783	0,016	0,285
CHR5	9936074	CHR5:9936074	SSF x Far_LoA	-9,783	-0,071	0,296
CHR5	9936112	CHR5:9936112	SSF x Far_LoA	-11,154	0,028	0,288
CHR5	9942236	CHR5:9942236	SSF x Far_LoA	-6,497	0,170	0,281
CHR5	9949943	CHR5:9949943	SSF x Far_LoA	-8,822	0,052	0,307
CHR5	9966608	CHR5:9966608	SSF x Far_LoA	-10,544	0,076	0,274
CHR5	9966674	CHR5:9966674	SSF x Far_LoA	-6,675	0,091	0,285
CHR5	9966676	CHR5:9966676	SSF x Far_LoA	-8,419	0,106	0,282
CHR5	9966685	CHR5:9966685	SSF x Far_LoA	-8,645	-0,003	0,285
CHR5	9967031	CHR5:9967031	SSF x Far_LoA	-10,763	0,086	0,290
CHR5	9990823	CHR5:9990823	SSF x Far_LoA	-8,503	-0,102	0,287
CHR5	9991209	CHR5:9991209	SSF x Far_LoA	-9,119	-0,051	0,301
CHR5	9991210	CHR5:9991210	SSF x Far_LoA	-12,020	-0,052	0,296
CHR6	1E+07	CHR6:10002914	SSF x Far_LoA	-11,469	0,085	0,289
CHR6	1E+07	CHR6:10002929	SSF x Far_LoA	-9,753	-0,094	0,284
CHR6	1E+07	CHR6:10002994	SSF x Far_LoA	-6,879	-0,126	0,304
CHR6	1E+07	CHR6:10007443	SSF x Far_LoA	-11,024	0,042	0,291
CHR6	1E+07	CHR6:10007459	SSF x Far_LoA	-11,426	0,092	0,280
CHR6	1E+07	CHR6:10007461	SSF x Far_LoA	-11,222	0,117	0,278
CHR6	1E+07	CHR6:10007485	SSF x Far_LoA	-10,461	0,083	0,285
CHR6	1E+07	CHR6:10007499	SSF x Far_LoA	-9,823	0,059	0,288
CHR6	1E+07	CHR6:10018796	SSF x Far_LoA	-9,167	-0,082	0,303
CHR6	1E+07	CHR6:10018802	SSF x Far_LoA	-6,119	0,116	0,303
CHR6	1E+07	CHR6:10018818	SSF x Far_LoA	-8,959	-0,098	0,297
CHR6	1E+07	CHR6:10019087	SSF x Far_LoA	-8,756	-0,059	0,282
CHR6	1E+07	CHR6:10028718	SSF x Far_LoA	-8,419	0,035	0,305
CHR6	1E+07	CHR6:10031719	SSF x Far_LoA	-10,628	-0,049	0,285
CHR6	1E+07	CHR6:10031720	SSF x Far_LoA	-10,142	-0,056	0,283
CHR6	1E+07	CHR6:10031721	SSF x Far_LoA	-4,021	0,214	0,285
CHR6	1E+07	CHR6:10031788	SSF x Far_LoA	-10,350	-0,094	0,287
CHR6	1E+07	CHR6:10031848	SSF x Far_LoA	-7,409	-0,145	0,287
CHR6	1E+07	CHR6:10031960	SSF x Far_LoA	-8,833	-0,011	0,297
CHR6	1E+07	CHR6:10048055	SSF x Far_LoA	-11,549	-0,010	0,276
CHR6	1E+07	CHR6:10048182	SSF x Far_LoA	-11,433	0,076	0,291
CHR6	1E+07	CHR6:10049735	SSF x Far_LoA	-10,776	0,092	0,294
CHR6	1E+07	CHR6:10049769	SSF x Far_LoA	-9,947	-0,037	0,286
CHR6	1E+07	CHR6:10049803	SSF x Far_LoA	-8,495	0,089	0,289
CHR6	1E+07	CHR6:10049864	SSF x Far_LoA	-10,165	0,018	0,297
CHR6	1E+07	CHR6:10049879	SSF x Far_LoA	-9,098	0,197	0,268
CHR6	1E+07	CHR6:10060045	SSF x Far_LoA	-4,457	-0,036	0,288
CHR6	1E+07	CHR6:10060049	SSF x Far_LoA	-7,085	0,091	0,301
CHR6	1E+07	CHR6:10060202	SSF x Far_LoA	-10,728	0,052	0,291
CHR6	1E+07	CHR6:10060239	SSF x Far_LoA	-7,572	0,016	0,282
CHR6	1E+07	CHR6:10060410	SSF x Far_LoA	-10,411	-0,024	0,300

CHR6	1E+07	CHR6:10072425	SSF x Far_LoA	-9,577	-0,056	0,283
CHR6	1E+07	CHR6:10072491	SSF x Far_LoA	-7,282	-0,099	0,287
CHR6	1E+07	CHR6:10072513	SSF x Far_LoA	-10,633	0,044	0,294
CHR6	1E+07	CHR6:10072538	SSF x Far_LoA	-9,906	-0,083	0,287
CHR6	1E+07	CHR6:10072541	SSF x Far_LoA	-9,832	-0,103	0,280
CHR6	1E+07	CHR6:10072655	SSF x Far_LoA	-9,717	-0,101	0,276
CHR6	1E+07	CHR6:10082942	SSF x Far_LoA	-7,532	0,138	0,299
CHR6	1E+07	CHR6:10083009	SSF x Far_LoA	-6,476	0,066	0,302
CHR6	1E+07	CHR6:10083016	SSF x Far_LoA	-10,375	-0,004	0,297
CHR6	1E+07	CHR6:10086532	SSF x Far_LoA	-7,756	0,106	0,290
CHR6	1E+07	CHR6:10086576	SSF x Far_LoA	-8,313	0,081	0,304
CHR6	1E+07	CHR6:10086584	SSF x Far_LoA	-10,502	0,062	0,292
CHR6	1E+07	CHR6:10086643	SSF x Far_LoA	-6,728	-0,002	0,287
CHR6	1E+07	CHR6:10086657	SSF x Far_LoA	-6,555	-0,043	0,286
CHR6	1E+07	CHR6:10093222	SSF x Far_LoA	-11,431	0,062	0,281
CHR6	1E+07	CHR6:10093295	SSF x Far_LoA	-10,644	0,030	0,292
CHR6	1E+07	CHR6:10104796	SSF x Far_LoA	-9,477	0,005	0,289
CHR6	1E+07	CHR6:10104838	SSF x Far_LoA	-6,604	-0,051	0,293
CHR6	1E+07	CHR6:10104871	SSF x Far_LoA	-8,364	0,078	0,286
CHR6	1E+07	CHR6:10104950	SSF x Far_LoA	-7,444	0,032	0,289
CHR6	1E+07	CHR6:10104964	SSF x Far_LoA	-8,954	-0,039	0,289
CHR6	1E+07	CHR6:10104975	SSF x Far_LoA	-9,026	0,037	0,280
CHR6	1E+07	CHR6:10104986	SSF x Far_LoA	-9,858	-0,005	0,287
CHR6	1E+07	CHR6:10104991	SSF x Far_LoA	-8,926	0,001	0,279
CHR6	1E+07	CHR6:10105001	SSF x Far_LoA	-8,974	0,004	0,280
CHR6	1E+07	CHR6:10105007	SSF x Far_LoA	-9,008	0,061	0,285
CHR6	1E+07	CHR6:10105028	SSF x Far_LoA	-5,331	0,081	0,312
CHR6	1E+07	CHR6:10134655	SSF x Far_LoA	-10,943	-0,102	0,287
CHR6	1E+07	CHR6:10134741	SSF x Far_LoA	-10,689	0,008	0,299
CHR6	1E+07	CHR6:10149040	SSF x Far_LoA	-9,736	-0,110	0,304
CHR6	1E+07	CHR6:10159694	SSF x Far_LoA	-8,948	0,031	0,297
CHR6	1E+07	CHR6:10159743	SSF x Far_LoA	-8,943	0,069	0,291
CHR6	1E+07	CHR6:10159791	SSF x Far_LoA	-4,899	0,047	0,290
CHR6	1018305	CHR6:1018305	SSF x Far_LoA	-7,055	0,152	0,290
CHR6	1018379	CHR6:1018379	SSF x Far_LoA	-9,717	0,086	0,288
CHR6	1018438	CHR6:1018438	SSF x Far_LoA	-7,369	0,031	0,303
CHR6	1018552	CHR6:1018552	SSF x Far_LoA	-10,749	-0,031	0,293
CHR6	1019246	CHR6:1019246	SSF x Far_LoA	-11,840	0,099	0,280
CHR6	1019349	CHR6:1019349	SSF x Far_LoA	-10,121	0,019	0,302
CHR6	1E+07	CHR6:10207578	SSF x Far_LoA	-10,084	-0,116	0,282
CHR6	1E+07	CHR6:10207626	SSF x Far_LoA	-7,513	0,001	0,307
CHR6	1024067	CHR6:1024067	SSF x Far_LoA	-10,504	0,024	0,293
CHR6	1024084	CHR6:1024084	SSF x Far_LoA	-10,225	-0,043	0,284
CHR6	1024293	CHR6:1024293	SSF x Far_LoA	-11,304	0,084	0,291
CHR6	1024395	CHR6:1024395	SSF x Far_LoA	-7,510	-0,178	0,294
CHR6	1E+07	CHR6:10248398	SSF x Far_LoA	-10,593	0,011	0,286
CHR6	1E+07	CHR6:10248422	SSF x Far_LoA	-9,812	-0,070	0,295
CHR6	1E+07	CHR6:10248445	SSF x Far_LoA	-6,864	0,136	0,272
CHR6	1E+07	CHR6:10248729	SSF x Far_LoA	-12,107	0,017	0,291
CHR6	1E+07	CHR6:10251636	SSF x Far_LoA	-8,146	-0,036	0,298
CHR6	1E+07	CHR6:10251638	SSF x Far_LoA	-11,049	-0,038	0,296
CHR6	1E+07	CHR6:10256032	SSF x Far_LoA	-11,676	0,009	0,287
CHR6	1026740	CHR6:1026740	SSF x Far_LoA	-8,279	0,129	0,291

CHR6	1026855	CHR6:1026855	SSF x Far_LoA	-4,946	-0,136	0,273
CHR6	1E+07	CHR6:10276804	SSF x Far_LoA	-10,895	0,161	0,283
CHR6	1E+07	CHR6:10285253	SSF x Far_LoA	-8,999	0,092	0,275
CHR6	1E+07	CHR6:10285282	SSF x Far_LoA	-6,408	-0,045	0,277
CHR6	1E+07	CHR6:10285306	SSF x Far_LoA	-8,727	-0,096	0,281
CHR6	1E+07	CHR6:10285319	SSF x Far_LoA	-10,944	0,086	0,280
CHR6	1E+07	CHR6:10288711	SSF x Far_LoA	-8,214	0,107	0,292
CHR6	1E+07	CHR6:10288757	SSF x Far_LoA	-9,100	0,002	0,305
CHR6	1E+07	CHR6:10288853	SSF x Far_LoA	-10,564	0,057	0,288
CHR6	1E+07	CHR6:10288873	SSF x Far_LoA	-9,032	-0,088	0,291
CHR6	1E+07	CHR6:10288903	SSF x Far_LoA	-11,035	0,048	0,287
CHR6	1E+07	CHR6:10288906	SSF x Far_LoA	-7,661	-0,048	0,274
CHR6	1E+07	CHR6:10296215	SSF x Far_LoA	-9,412	0,047	0,302
CHR6	1E+07	CHR6:10296402	SSF x Far_LoA	-8,961	0,049	0,297
CHR6	1E+07	CHR6:10303609	SSF x Far_LoA	-10,550	-0,075	0,300
CHR6	1E+07	CHR6:10303620	SSF x Far_LoA	-8,866	0,124	0,304
CHR6	1E+07	CHR6:10303623	SSF x Far_LoA	-10,727	-0,079	0,300
CHR6	1E+07	CHR6:10307999	SSF x Far_LoA	-9,020	0,005	0,291
CHR6	1E+07	CHR6:10308028	SSF x Far_LoA	-11,459	0,058	0,287
CHR6	1E+07	CHR6:10308032	SSF x Far_LoA	-9,264	0,045	0,295
CHR6	1E+07	CHR6:10308086	SSF x Far_LoA	-9,066	0,004	0,294
CHR6	1E+07	CHR6:10308118	SSF x Far_LoA	-10,009	0,013	0,285
CHR6	1E+07	CHR6:10308142	SSF x Far_LoA	-8,355	-0,054	0,309
CHR6	1E+07	CHR6:10338290	SSF x Far_LoA	-9,097	0,042	0,279
CHR6	1E+07	CHR6:10338347	SSF x Far_LoA	-10,464	0,124	0,285
CHR6	1E+07	CHR6:10341078	SSF x Far_LoA	-8,875	0,029	0,305
CHR6	1E+07	CHR6:10366860	SSF x Far_LoA	-9,841	-0,141	0,282
CHR6	1E+07	CHR6:10366928	SSF x Far_LoA	-6,729	0,097	0,290
CHR6	1E+07	CHR6:10366988	SSF x Far_LoA	-7,388	-0,130	0,283
CHR6	1E+07	CHR6:10368618	SSF x Far_LoA	-8,708	0,044	0,288
CHR6	1E+07	CHR6:10368646	SSF x Far_LoA	-7,944	-0,177	0,287
CHR6	1E+07	CHR6:10368656	SSF x Far_LoA	-9,317	0,030	0,281
CHR6	1E+07	CHR6:10368707	SSF x Far_LoA	-11,054	0,019	0,285
CHR6	1E+07	CHR6:10378018	SSF x Far_LoA	-8,568	0,148	0,276
CHR6	1E+07	CHR6:10378129	SSF x Far_LoA	-9,729	0,105	0,270
CHR6	1E+07	CHR6:10378216	SSF x Far_LoA	-7,305	0,113	0,290
CHR6	1E+07	CHR6:10378225	SSF x Far_LoA	-9,526	-0,120	0,291
CHR6	1E+07	CHR6:10378232	SSF x Far_LoA	-9,070	0,053	0,296
CHR6	1E+07	CHR6:10378245	SSF x Far_LoA	-8,855	0,053	0,292
CHR6	1E+07	CHR6:10378250	SSF x Far_LoA	-8,423	-0,064	0,301
CHR6	1E+07	CHR6:10378260	SSF x Far_LoA	-8,507	0,058	0,285
CHR6	1E+07	CHR6:10378278	SSF x Far_LoA	-8,484	0,078	0,286
CHR6	1E+07	CHR6:10378286	SSF x Far_LoA	-9,740	0,083	0,267
CHR6	1E+07	CHR6:10378290	SSF x Far_LoA	-7,954	0,156	0,283
CHR6	1E+07	CHR6:10378308	SSF x Far_LoA	-8,392	0,132	0,278
CHR6	1E+07	CHR6:10389671	SSF x Far_LoA	-6,390	0,115	0,302
CHR6	1E+07	CHR6:10395222	SSF x Far_LoA	-9,569	0,005	0,289
CHR6	1E+07	CHR6:10395270	SSF x Far_LoA	-8,663	0,034	0,278
CHR6	1E+07	CHR6:10395278	SSF x Far_LoA	-8,000	0,070	0,297
CHR6	1E+07	CHR6:10395323	SSF x Far_LoA	-8,783	0,009	0,303
CHR6	1E+07	CHR6:10395324	SSF x Far_LoA	-8,844	0,037	0,284
CHR6	1E+07	CHR6:10405634	SSF x Far_LoA	-9,266	0,089	0,287
CHR6	1E+07	CHR6:10406958	SSF x Far_LoA	-8,511	0,038	0,300

CHR6	1E+07	CHR6:10407029	SSF x Far_LoA	-8,864	-0,011	0,290
CHR6	1E+07	CHR6:10410082	SSF x Far_LoA	-8,130	0,058	0,280
CHR6	1E+07	CHR6:10410183	SSF x Far_LoA	-9,405	-0,084	0,289
CHR6	1041352	CHR6:1041352	SSF x Far_LoA	-7,979	-0,045	0,300
CHR6	1041394	CHR6:1041394	SSF x Far_LoA	-11,036	0,086	0,281
CHR6	1041470	CHR6:1041470	SSF x Far_LoA	-4,862	0,145	0,300
CHR6	1E+07	CHR6:10422540	SSF x Far_LoA	-10,532	0,080	0,284
CHR6	1E+07	CHR6:10422543	SSF x Far_LoA	-8,124	0,071	0,283
CHR6	1E+07	CHR6:10422552	SSF x Far_LoA	-8,356	-0,031	0,309
CHR6	1E+07	CHR6:10422629	SSF x Far_LoA	-7,171	0,042	0,286
CHR6	1E+07	CHR6:10438521	SSF x Far_LoA	-7,784	0,142	0,279
CHR6	1E+07	CHR6:10443519	SSF x Far_LoA	-10,024	-0,010	0,299
CHR6	1E+07	CHR6:10443698	SSF x Far_LoA	-8,912	-0,017	0,290
CHR6	1E+07	CHR6:10443745	SSF x Far_LoA	-9,853	-0,037	0,300
CHR6	1E+07	CHR6:10456597	SSF x Far_LoA	-6,482	0,051	0,309
CHR6	1E+07	CHR6:10479580	SSF x Far_LoA	-11,456	0,022	0,294
CHR6	1E+07	CHR6:10482526	SSF x Far_LoA	-8,862	-0,077	0,286
CHR6	1E+07	CHR6:10482728	SSF x Far_LoA	-7,488	-0,158	0,276
CHR6	10505025	CHR6:10505025	SSF x Far_LoA	5,731	0,082	0,299
CHR6	10511427	CHR6:10511427	SSF x Far_LoA	-7,987	0,008	0,288
CHR6	10511431	CHR6:10511431	SSF x Far_LoA	-9,460	-0,136	0,276
CHR6	10520555	CHR6:10520555	SSF x Far_LoA	-6,353	0,154	0,276
CHR6	10520596	CHR6:10520596	SSF x Far_LoA	-7,842	0,213	0,277
CHR6	10520746	CHR6:10520746	SSF x Far_LoA	-10,195	-0,008	0,297
CHR6	10520779	CHR6:10520779	SSF x Far_LoA	-3,071	-0,237	0,263
CHR6	10520861	CHR6:10520861	SSF x Far_LoA	-10,057	0,114	0,279
CHR6	10529587	CHR6:10529587	SSF x Far_LoA	-8,005	0,183	0,279
CHR6	10529617	CHR6:10529617	SSF x Far_LoA	-6,734	0,134	0,294
CHR6	10534171	CHR6:10534171	SSF x Far_LoA	-9,511	0,077	0,293
CHR6	10568828	CHR6:10568828	SSF x Far_LoA	-8,158	0,014	0,297
CHR6	10568848	CHR6:10568848	SSF x Far_LoA	-10,847	0,017	0,288
CHR6	10568873	CHR6:10568873	SSF x Far_LoA	-7,655	-0,054	0,291
CHR6	10569012	CHR6:10569012	SSF x Far_LoA	-10,402	-0,016	0,295
CHR6	10571744	CHR6:10571744	SSF x Far_LoA	-8,243	0,012	0,292
CHR6	10571820	CHR6:10571820	SSF x Far_LoA	-7,084	-0,124	0,281
CHR6	10583264	CHR6:10583264	SSF x Far_LoA	-7,670	0,008	0,289
CHR6	10583498	CHR6:10583498	SSF x Far_LoA	-7,142	0,092	0,290
CHR6	10589998	CHR6:10589998	SSF x Far_LoA	-8,520	-0,122	0,291
CHR6	10594053	CHR6:10594053	SSF x Far_LoA	-10,926	0,125	0,275
CHR6	10594265	CHR6:10594265	SSF x Far_LoA	-10,185	-0,007	0,306
CHR6	10594334	CHR6:10594334	SSF x Far_LoA	-8,280	-0,152	0,292
CHR6	10611592	CHR6:10611592	SSF x Far_LoA	-10,218	0,055	0,279
CHR6	10611602	CHR6:10611602	SSF x Far_LoA	-10,644	0,002	0,284
CHR6	10611607	CHR6:10611607	SSF x Far_LoA	-7,650	0,020	0,278
CHR6	10611664	CHR6:10611664	SSF x Far_LoA	-9,963	0,100	0,287
CHR6	10611668	CHR6:10611668	SSF x Far_LoA	-10,563	-0,106	0,295
CHR6	10611691	CHR6:10611691	SSF x Far_LoA	-8,794	0,000	0,293
CHR6	10611692	CHR6:10611692	SSF x Far_LoA	-9,023	0,000	0,299
CHR6	10616912	CHR6:10616912	SSF x Far_LoA	-10,074	0,045	0,288
CHR6	10616921	CHR6:10616921	SSF x Far_LoA	-9,456	0,006	0,281
CHR6	10616988	CHR6:10616988	SSF x Far_LoA	-7,889	0,040	0,288
CHR6	10617054	CHR6:10617054	SSF x Far_LoA	-9,469	-0,032	0,285
CHR6	10627850	CHR6:10627850	SSF x Far_LoA	-8,400	0,205	0,285

CHR6	10639119	CHR6:10639119	SSF x Far_LoA	2,250	-0,004	0,281
CHR6	10639126	CHR6:10639126	SSF x Far_LoA	-6,761	0,135	0,296
CHR6	10652272	CHR6:10652272	SSF x Far_LoA	-12,711	-0,015	0,272
CHR6	10654214	CHR6:10654214	SSF x Far_LoA	-8,581	-0,157	0,286
CHR6	10654244	CHR6:10654244	SSF x Far_LoA	-8,675	-0,030	0,291
CHR6	10654393	CHR6:10654393	SSF x Far_LoA	-9,412	0,099	0,279
CHR6	10674962	CHR6:10674962	SSF x Far_LoA	-11,097	-0,052	0,294
CHR6	10675254	CHR6:10675254	SSF x Far_LoA	-7,544	-0,122	0,283
CHR6	10746112	CHR6:10746112	SSF x Far_LoA	-11,032	-0,051	0,300
CHR6	10758011	CHR6:10758011	SSF x Far_LoA	-12,059	0,034	0,287
CHR6	10763088	CHR6:10763088	SSF x Far_LoA	-5,247	0,055	0,295
CHR6	10763096	CHR6:10763096	SSF x Far_LoA	-9,385	0,004	0,302
CHR6	10763129	CHR6:10763129	SSF x Far_LoA	-6,574	0,031	0,290
CHR6	10765870	CHR6:10765870	SSF x Far_LoA	-9,572	0,108	0,288
CHR6	10772148	CHR6:10772148	SSF x Far_LoA	-10,064	-0,007	0,302
CHR6	10772324	CHR6:10772324	SSF x Far_LoA	-8,662	-0,027	0,284
CHR6	1079258	CHR6:1079258	SSF x Far_LoA	-10,185	0,096	0,286
CHR6	1079287	CHR6:1079287	SSF x Far_LoA	-8,452	0,034	0,302
CHR6	1079350	CHR6:1079350	SSF x Far_LoA	-9,138	0,044	0,286
CHR6	10796464	CHR6:10796464	SSF x Far_LoA	-9,083	0,069	0,297
CHR6	10796566	CHR6:10796566	SSF x Far_LoA	-10,581	0,038	0,285
CHR6	10796588	CHR6:10796588	SSF x Far_LoA	-9,823	0,044	0,284
CHR6	10796589	CHR6:10796589	SSF x Far_LoA	-7,802	0,126	0,285
CHR6	10806543	CHR6:10806543	SSF x Far_LoA	-9,793	0,044	0,282
CHR6	10806550	CHR6:10806550	SSF x Far_LoA	-5,887	-0,013	0,297
CHR6	10806572	CHR6:10806572	SSF x Far_LoA	-10,090	-0,070	0,297
CHR6	10806574	CHR6:10806574	SSF x Far_LoA	-8,271	0,018	0,290
CHR6	10806611	CHR6:10806611	SSF x Far_LoA	-8,201	-0,023	0,290
CHR6	10806624	CHR6:10806624	SSF x Far_LoA	-10,641	-0,019	0,282
CHR6	10806639	CHR6:10806639	SSF x Far_LoA	-8,046	-0,015	0,290
CHR6	10806647	CHR6:10806647	SSF x Far_LoA	-9,105	-0,043	0,305
CHR6	10840837	CHR6:10840837	SSF x Far_LoA	-5,129	-0,006	0,301
CHR6	10841005	CHR6:10841005	SSF x Far_LoA	-6,555	-0,069	0,285
CHR6	10841093	CHR6:10841093	SSF x Far_LoA	-9,703	0,101	0,302
CHR6	10841099	CHR6:10841099	SSF x Far_LoA	-7,229	0,099	0,283
CHR6	10850353	CHR6:10850353	SSF x Far_LoA	-7,442	0,091	0,288
CHR6	10851131	CHR6:10851131	SSF x Far_LoA	-11,159	-0,035	0,286
CHR6	10853418	CHR6:10853418	SSF x Far_LoA	-5,681	-0,107	0,299
CHR6	10860664	CHR6:10860664	SSF x Far_LoA	-8,586	-0,169	0,276
CHR6	10860678	CHR6:10860678	SSF x Far_LoA	-9,006	0,028	0,290
CHR6	10860709	CHR6:10860709	SSF x Far_LoA	-10,359	0,026	0,284
CHR6	10866352	CHR6:10866352	SSF x Far_LoA	-9,550	0,049	0,271
CHR6	10866592	CHR6:10866592	SSF x Far_LoA	-7,171	-0,152	0,283
CHR6	10866630	CHR6:10866630	SSF x Far_LoA	-11,054	-0,051	0,292
CHR6	10866678	CHR6:10866678	SSF x Far_LoA	-10,232	-0,049	0,284
CHR6	10875164	CHR6:10875164	SSF x Far_LoA	-7,960	-0,044	0,276
CHR6	10875359	CHR6:10875359	SSF x Far_LoA	-10,553	0,025	0,296
CHR6	10885632	CHR6:10885632	SSF x Far_LoA	-11,667	0,020	0,296
CHR6	10885840	CHR6:10885840	SSF x Far_LoA	-8,039	-0,150	0,288
CHR6	10885893	CHR6:10885893	SSF x Far_LoA	-9,011	0,030	0,300
CHR6	10885953	CHR6:10885953	SSF x Far_LoA	-5,296	-0,015	0,302
CHR6	10890703	CHR6:10890703	SSF x Far_LoA	-6,402	-0,084	0,297
CHR6	10890708	CHR6:10890708	SSF x Far_LoA	-10,095	-0,030	0,298

CHR6	10890729	CHR6:10890729	SSF x Far_LoA	-8,532	-0,132	0,293
CHR6	10890852	CHR6:10890852	SSF x Far_LoA	-8,925	-0,038	0,281
CHR6	10902071	CHR6:10902071	SSF x Far_LoA	-10,170	-0,044	0,281
CHR6	10902164	CHR6:10902164	SSF x Far_LoA	-11,199	-0,109	0,298
CHR6	10902331	CHR6:10902331	SSF x Far_LoA	-4,573	0,054	0,287
CHR6	10902336	CHR6:10902336	SSF x Far_LoA	-7,892	0,077	0,285
CHR6	10902364	CHR6:10902364	SSF x Far_LoA	-3,640	0,127	0,284
CHR6	10919917	CHR6:10919917	SSF x Far_LoA	-9,514	-0,072	0,291
CHR6	10934761	CHR6:10934761	SSF x Far_LoA	-9,228	0,044	0,284
CHR6	10941455	CHR6:10941455	SSF x Far_LoA	-8,117	0,127	0,295
CHR6	1095345	CHR6:1095345	SSF x Far_LoA	-5,601	0,095	0,294
CHR6	1095435	CHR6:1095435	SSF x Far_LoA	-10,330	0,000	0,294
CHR6	10958671	CHR6:10958671	SSF x Far_LoA	-6,855	0,104	0,297
CHR6	10958803	CHR6:10958803	SSF x Far_LoA	-7,621	0,045	0,306
CHR6	10963447	CHR6:10963447	SSF x Far_LoA	-8,160	0,041	0,294
CHR6	10963632	CHR6:10963632	SSF x Far_LoA	-6,299	0,114	0,285
CHR6	10963652	CHR6:10963652	SSF x Far_LoA	-8,516	0,073	0,295
CHR6	10963666	CHR6:10963666	SSF x Far_LoA	-10,932	0,113	0,300
CHR6	10963730	CHR6:10963730	SSF x Far_LoA	-8,056	-0,100	0,289
CHR6	10963780	CHR6:10963780	SSF x Far_LoA	-10,739	-0,079	0,291
CHR6	1098149	CHR6:1098149	SSF x Far_LoA	-10,822	-0,107	0,286
CHR6	1098204	CHR6:1098204	SSF x Far_LoA	-10,756	-0,103	0,287
CHR6	10986992	CHR6:10986992	SSF x Far_LoA	-9,358	-0,042	0,294
CHR6	10987113	CHR6:10987113	SSF x Far_LoA	-5,978	0,200	0,280
CHR6	10996636	CHR6:10996636	SSF x Far_LoA	-11,230	0,017	0,285
CHR6	10996647	CHR6:10996647	SSF x Far_LoA	-9,262	-0,073	0,293
CHR6	10996692	CHR6:10996692	SSF x Far_LoA	-8,519	0,131	0,283
CHR6	10996693	CHR6:10996693	SSF x Far_LoA	-6,904	0,166	0,304
CHR6	11008874	CHR6:11008874	SSF x Far_LoA	-10,141	0,050	0,302
CHR6	11013508	CHR6:11013508	SSF x Far_LoA	-9,505	0,093	0,275
CHR6	11013589	CHR6:11013589	SSF x Far_LoA	-9,617	-0,084	0,278
CHR6	1101963	CHR6:1101963	SSF x Far_LoA	-7,313	0,157	0,285
CHR6	11020064	CHR6:11020064	SSF x Far_LoA	-8,829	0,030	0,302
CHR6	11020119	CHR6:11020119	SSF x Far_LoA	-11,023	0,068	0,290
CHR6	1102034	CHR6:1102034	SSF x Far_LoA	-9,460	-0,089	0,281
CHR6	1102083	CHR6:1102083	SSF x Far_LoA	-9,655	0,010	0,283
CHR6	1102092	CHR6:1102092	SSF x Far_LoA	-11,458	0,014	0,279
CHR6	11047754	CHR6:11047754	SSF x Far_LoA	-8,824	0,000	0,290
CHR6	11047795	CHR6:11047795	SSF x Far_LoA	-9,806	-0,016	0,295
CHR6	11047832	CHR6:11047832	SSF x Far_LoA	-8,040	0,183	0,277
CHR6	11047896	CHR6:11047896	SSF x Far_LoA	-10,991	0,016	0,288
CHR6	11047947	CHR6:11047947	SSF x Far_LoA	-8,944	0,024	0,293
CHR6	11047959	CHR6:11047959	SSF x Far_LoA	-10,490	0,012	0,312
CHR6	11047982	CHR6:11047982	SSF x Far_LoA	-9,414	0,061	0,295
CHR6	11047992	CHR6:11047992	SSF x Far_LoA	-10,387	0,013	0,297
CHR6	11061112	CHR6:11061112	SSF x Far_LoA	-11,445	0,047	0,285
CHR6	11061136	CHR6:11061136	SSF x Far_LoA	-11,074	-0,011	0,303
CHR6	11061152	CHR6:11061152	SSF x Far_LoA	-8,188	-0,048	0,293
CHR6	11068491	CHR6:11068491	SSF x Far_LoA	-7,235	-0,102	0,296
CHR6	11113078	CHR6:11113078	SSF x Far_LoA	-8,593	-0,018	0,298
CHR6	11113193	CHR6:11113193	SSF x Far_LoA	-11,391	0,015	0,282
CHR6	11113320	CHR6:11113320	SSF x Far_LoA	-8,570	0,069	0,290
CHR6	11121632	CHR6:11121632	SSF x Far_LoA	-8,976	-0,027	0,295

CHR6	11121650	CHR6:11121650	SSF x Far_LoA	-9,102	-0,021	0,283
CHR6	11121769	CHR6:11121769	SSF x Far_LoA	-8,296	0,054	0,299
CHR6	11121794	CHR6:11121794	SSF x Far_LoA	-9,515	0,027	0,274
CHR6	11121818	CHR6:11121818	SSF x Far_LoA	-10,947	-0,094	0,290
CHR6	11121848	CHR6:11121848	SSF x Far_LoA	-11,212	0,004	0,285
CHR6	11129130	CHR6:11129130	SSF x Far_LoA	-8,954	-0,074	0,290
CHR6	11129225	CHR6:11129225	SSF x Far_LoA	-8,477	0,022	0,287
CHR6	11129280	CHR6:11129280	SSF x Far_LoA	-6,228	0,219	0,277
CHR6	11132058	CHR6:11132058	SSF x Far_LoA	-9,534	0,015	0,287
CHR6	11132064	CHR6:11132064	SSF x Far_LoA	-12,004	-0,006	0,298
CHR6	11143372	CHR6:11143372	SSF x Far_LoA	-9,038	-0,012	0,297
CHR6	11143573	CHR6:11143573	SSF x Far_LoA	-9,998	-0,023	0,290
CHR6	11170320	CHR6:11170320	SSF x Far_LoA	-3,148	0,090	0,288
CHR6	11171725	CHR6:11171725	SSF x Far_LoA	-1,176	-0,135	0,297
CHR6	11176206	CHR6:11176206	SSF x Far_LoA	-3,283	0,219	0,271
CHR6	11176236	CHR6:11176236	SSF x Far_LoA	-3,720	0,211	0,281
CHR6	11176240	CHR6:11176240	SSF x Far_LoA	-8,455	-0,126	0,266
CHR6	11178064	CHR6:11178064	SSF x Far_LoA	-9,685	-0,081	0,289
CHR6	11180937	CHR6:11180937	SSF x Far_LoA	-5,170	-0,119	0,313
CHR6	11181007	CHR6:11181007	SSF x Far_LoA	-8,946	-0,061	0,284
CHR6	11185230	CHR6:11185230	SSF x Far_LoA	-12,915	-0,046	0,281
CHR6	11185343	CHR6:11185343	SSF x Far_LoA	-10,030	-0,011	0,294
CHR6	11185353	CHR6:11185353	SSF x Far_LoA	-9,544	-0,080	0,286
CHR6	11185379	CHR6:11185379	SSF x Far_LoA	-7,865	-0,036	0,290
CHR6	11188148	CHR6:11188148	SSF x Far_LoA	-7,771	0,067	0,289
CHR6	11192662	CHR6:11192662	SSF x Far_LoA	-11,813	0,057	0,286
CHR6	1126663	CHR6:1126663	SSF x Far_LoA	-8,277	0,022	0,287
CHR6	1126795	CHR6:1126795	SSF x Far_LoA	-7,731	-0,071	0,296
CHR6	1126854	CHR6:1126854	SSF x Far_LoA	-10,206	0,062	0,292
CHR6	1128226	CHR6:1128226	SSF x Far_LoA	-10,848	-0,031	0,280
CHR6	1128227	CHR6:1128227	SSF x Far_LoA	-11,550	-0,031	0,275
CHR6	1130538	CHR6:1130538	SSF x Far_LoA	-3,150	0,203	0,285
CHR6	1130639	CHR6:1130639	SSF x Far_LoA	-5,473	0,229	0,267
CHR6	1130799	CHR6:1130799	SSF x Far_LoA	-10,930	-0,038	0,293
CHR6	11320689	CHR6:11320689	SSF x Far_LoA	-9,462	0,127	0,294
CHR6	11320691	CHR6:11320691	SSF x Far_LoA	-9,669	0,045	0,294
CHR6	11324970	CHR6:11324970	SSF x Far_LoA	-10,073	0,108	0,294
CHR6	11332447	CHR6:11332447	SSF x Far_LoA	-7,265	0,063	0,282
CHR6	11332487	CHR6:11332487	SSF x Far_LoA	-8,475	0,005	0,288
CHR6	11370567	CHR6:11370567	SSF x Far_LoA	-11,080	0,008	0,298
CHR6	11370736	CHR6:11370736	SSF x Far_LoA	-8,388	0,073	0,308
CHR6	11380885	CHR6:11380885	SSF x Far_LoA	-9,482	0,101	0,296
CHR6	11380896	CHR6:11380896	SSF x Far_LoA	-11,318	-0,001	0,295
CHR6	11380954	CHR6:11380954	SSF x Far_LoA	-7,063	-0,143	0,281
CHR6	11381029	CHR6:11381029	SSF x Far_LoA	-7,591	0,126	0,281
CHR6	11381066	CHR6:11381066	SSF x Far_LoA	-11,069	0,013	0,268
CHR6	11381067	CHR6:11381067	SSF x Far_LoA	-10,181	0,055	0,283
CHR6	11381068	CHR6:11381068	SSF x Far_LoA	-10,340	0,054	0,285
CHR6	11381069	CHR6:11381069	SSF x Far_LoA	-9,710	0,048	0,289
CHR6	11381078	CHR6:11381078	SSF x Far_LoA	-10,885	0,049	0,305
CHR6	11381088	CHR6:11381088	SSF x Far_LoA	-6,643	-0,240	0,289
CHR6	11381092	CHR6:11381092	SSF x Far_LoA	-4,773	-0,250	0,279
CHR6	11381104	CHR6:11381104	SSF x Far_LoA	-10,413	0,058	0,300

CHR6	11381152	CHR6:11381152	SSF x Far_LoA	-9,051	-0,027	0,302
CHR6	1138306	CHR6:1138306	SSF x Far_LoA	-10,007	-0,119	0,293
CHR6	1141153	CHR6:1141153	SSF x Far_LoA	-8,380	-0,111	0,301
CHR6	1141230	CHR6:1141230	SSF x Far_LoA	-9,505	0,014	0,304
CHR6	1141234	CHR6:1141234	SSF x Far_LoA	-8,880	-0,064	0,305
CHR6	1141252	CHR6:1141252	SSF x Far_LoA	-8,530	-0,056	0,298
CHR6	11447268	CHR6:11447268	SSF x Far_LoA	-10,625	0,007	0,296
CHR6	11449530	CHR6:11449530	SSF x Far_LoA	-8,477	0,001	0,302
CHR6	11449602	CHR6:11449602	SSF x Far_LoA	-8,789	-0,090	0,300
CHR6	11449686	CHR6:11449686	SSF x Far_LoA	-10,914	0,062	0,301
CHR6	11454962	CHR6:11454962	SSF x Far_LoA	-8,785	0,101	0,287
CHR6	11455002	CHR6:11455002	SSF x Far_LoA	-4,961	-0,024	0,298
CHR6	11462753	CHR6:11462753	SSF x Far_LoA	-8,698	-0,078	0,295
CHR6	11463096	CHR6:11463096	SSF x Far_LoA	-10,513	-0,068	0,290
CHR6	11468421	CHR6:11468421	SSF x Far_LoA	-11,605	0,083	0,285
CHR6	11468430	CHR6:11468430	SSF x Far_LoA	-9,680	0,066	0,278
CHR6	11468439	CHR6:11468439	SSF x Far_LoA	-10,470	0,022	0,282
CHR6	11471152	CHR6:11471152	SSF x Far_LoA	-8,842	-0,109	0,279
CHR6	11471254	CHR6:11471254	SSF x Far_LoA	-7,154	0,089	0,303
CHR6	11491667	CHR6:11491667	SSF x Far_LoA	-6,755	0,091	0,273
CHR6	11498662	CHR6:11498662	SSF x Far_LoA	-8,342	0,064	0,302
CHR6	11505481	CHR6:11505481	SSF x Far_LoA	-10,418	-0,006	0,289
CHR6	11535026	CHR6:11535026	SSF x Far_LoA	-11,546	-0,042	0,278
CHR6	11537683	CHR6:11537683	SSF x Far_LoA	-7,824	0,043	0,305
CHR6	11537773	CHR6:11537773	SSF x Far_LoA	-6,895	-0,097	0,306
CHR6	11537929	CHR6:11537929	SSF x Far_LoA	-10,625	-0,026	0,291
CHR6	11544194	CHR6:11544194	SSF x Far_LoA	-8,687	0,152	0,269
CHR6	1157850	CHR6:1157850	SSF x Far_LoA	-10,632	0,061	0,286
CHR6	1157954	CHR6:1157954	SSF x Far_LoA	-9,312	0,025	0,312
CHR6	11582240	CHR6:11582240	SSF x Far_LoA	-4,078	0,106	0,288
CHR6	11582249	CHR6:11582249	SSF x Far_LoA	-9,187	-0,090	0,291
CHR6	11583085	CHR6:11583085	SSF x Far_LoA	-10,685	0,091	0,293
CHR6	11585807	CHR6:11585807	SSF x Far_LoA	-10,850	0,046	0,280
CHR6	11590485	CHR6:11590485	SSF x Far_LoA	-6,268	-0,100	0,289
CHR6	11590513	CHR6:11590513	SSF x Far_LoA	-12,081	-0,062	0,275
CHR6	11590530	CHR6:11590530	SSF x Far_LoA	-9,344	-0,076	0,290
CHR6	11590543	CHR6:11590543	SSF x Far_LoA	-7,711	-0,064	0,286
CHR6	11590562	CHR6:11590562	SSF x Far_LoA	-4,723	-0,081	0,289
CHR6	11597386	CHR6:11597386	SSF x Far_LoA	-11,541	-0,041	0,288
CHR6	11597584	CHR6:11597584	SSF x Far_LoA	-8,994	0,154	0,277
CHR6	11600784	CHR6:11600784	SSF x Far_LoA	-8,890	-0,114	0,300
CHR6	11600811	CHR6:11600811	SSF x Far_LoA	-7,449	0,150	0,293
CHR6	11601717	CHR6:11601717	SSF x Far_LoA	-11,189	-0,020	0,307
CHR6	11601738	CHR6:11601738	SSF x Far_LoA	-6,897	0,021	0,296
CHR6	11618505	CHR6:11618505	SSF x Far_LoA	-7,848	-0,064	0,295
CHR6	11618536	CHR6:11618536	SSF x Far_LoA	-8,634	-0,103	0,292
CHR6	11618705	CHR6:11618705	SSF x Far_LoA	-7,740	0,110	0,301
CHR6	11621434	CHR6:11621434	SSF x Far_LoA	-8,057	-0,130	0,291
CHR6	11621437	CHR6:11621437	SSF x Far_LoA	-5,577	-0,141	0,304
CHR6	11621536	CHR6:11621536	SSF x Far_LoA	-9,608	-0,131	0,275
CHR6	11621551	CHR6:11621551	SSF x Far_LoA	-10,247	0,047	0,302
CHR6	11654990	CHR6:11654990	SSF x Far_LoA	-11,003	0,026	0,293
CHR6	11655186	CHR6:11655186	SSF x Far_LoA	-9,906	0,044	0,275

CHR6	1166712	CHR6:1166712	SSF x Far_LoA	-9,954	0,031	0,285
CHR6	1166862	CHR6:1166862	SSF x Far_LoA	-9,793	-0,061	0,291
CHR6	1166911	CHR6:1166911	SSF x Far_LoA	-8,812	-0,081	0,301
CHR6	1166916	CHR6:1166916	SSF x Far_LoA	-8,548	-0,017	0,287
CHR6	1166947	CHR6:1166947	SSF x Far_LoA	-10,965	0,039	0,274
CHR6	11676787	CHR6:11676787	SSF x Far_LoA	-3,813	0,259	0,264
CHR6	11676840	CHR6:11676840	SSF x Far_LoA	-10,614	0,090	0,272
CHR6	11676849	CHR6:11676849	SSF x Far_LoA	-9,755	-0,039	0,291
CHR6	11679208	CHR6:11679208	SSF x Far_LoA	-8,545	0,000	0,301
CHR6	11679402	CHR6:11679402	SSF x Far_LoA	-5,751	0,158	0,283
CHR6	11680261	CHR6:11680261	SSF x Far_LoA	-9,707	0,068	0,289
CHR6	11680275	CHR6:11680275	SSF x Far_LoA	-8,054	-0,043	0,293
CHR6	11680332	CHR6:11680332	SSF x Far_LoA	-9,374	-0,023	0,306
CHR6	11708069	CHR6:11708069	SSF x Far_LoA	-3,403	-0,014	0,291
CHR6	11708088	CHR6:11708088	SSF x Far_LoA	-10,363	0,025	0,306
CHR6	11720389	CHR6:11720389	SSF x Far_LoA	-9,083	-0,106	0,300
CHR6	11720406	CHR6:11720406	SSF x Far_LoA	-5,120	-0,125	0,292
CHR6	11720438	CHR6:11720438	SSF x Far_LoA	-6,280	0,173	0,283
CHR6	11720443	CHR6:11720443	SSF x Far_LoA	-9,841	0,042	0,282
CHR6	11720503	CHR6:11720503	SSF x Far_LoA	-10,557	-0,076	0,278
CHR6	11724629	CHR6:11724629	SSF x Far_LoA	-8,365	0,069	0,282
CHR6	11724732	CHR6:11724732	SSF x Far_LoA	-10,193	-0,085	0,296
CHR6	11725917	CHR6:11725917	SSF x Far_LoA	-10,820	0,014	0,295
CHR6	11725985	CHR6:11725985	SSF x Far_LoA	-8,367	-0,038	0,292
CHR6	11728392	CHR6:11728392	SSF x Far_LoA	-9,734	-0,079	0,295
CHR6	11728821	CHR6:11728821	SSF x Far_LoA	-11,324	0,095	0,299
CHR6	11743061	CHR6:11743061	SSF x Far_LoA	-11,203	-0,062	0,286
CHR6	11743074	CHR6:11743074	SSF x Far_LoA	-8,334	0,131	0,291
CHR6	11743139	CHR6:11743139	SSF x Far_LoA	-10,787	-0,026	0,293
CHR6	11749161	CHR6:11749161	SSF x Far_LoA	-7,725	-0,043	0,295
CHR6	11749455	CHR6:11749455	SSF x Far_LoA	-7,043	0,006	0,298
CHR6	11749476	CHR6:11749476	SSF x Far_LoA	-8,481	0,009	0,281
CHR6	11749477	CHR6:11749477	SSF x Far_LoA	-8,294	0,016	0,288
CHR6	11759138	CHR6:11759138	SSF x Far_LoA	-7,875	0,001	0,282
CHR6	11759170	CHR6:11759170	SSF x Far_LoA	-8,513	0,011	0,287
CHR6	11759196	CHR6:11759196	SSF x Far_LoA	-10,906	-0,043	0,277
CHR6	11759235	CHR6:11759235	SSF x Far_LoA	-10,381	0,050	0,290
CHR6	11759241	CHR6:11759241	SSF x Far_LoA	-10,934	-0,072	0,302
CHR6	11759254	CHR6:11759254	SSF x Far_LoA	-10,571	-0,026	0,304
CHR6	11759277	CHR6:11759277	SSF x Far_LoA	-9,047	-0,116	0,292
CHR6	11759293	CHR6:11759293	SSF x Far_LoA	-10,110	-0,065	0,286
CHR6	11759379	CHR6:11759379	SSF x Far_LoA	-10,846	0,023	0,295
CHR6	11764717	CHR6:11764717	SSF x Far_LoA	-11,208	-0,008	0,302
CHR6	11764773	CHR6:11764773	SSF x Far_LoA	-10,108	0,088	0,295
CHR6	11777050	CHR6:11777050	SSF x Far_LoA	-10,667	0,090	0,287
CHR6	11792273	CHR6:11792273	SSF x Far_LoA	-7,451	0,112	0,292
CHR6	11792506	CHR6:11792506	SSF x Far_LoA	-9,261	-0,019	0,283
CHR6	11809239	CHR6:11809239	SSF x Far_LoA	-8,088	-0,049	0,303
CHR6	11816550	CHR6:11816550	SSF x Far_LoA	-7,752	-0,060	0,290
CHR6	11820114	CHR6:11820114	SSF x Far_LoA	-8,523	-0,075	0,278
CHR6	11820365	CHR6:11820365	SSF x Far_LoA	-3,627	0,037	0,314
CHR6	11822704	CHR6:11822704	SSF x Far_LoA	-11,002	0,053	0,290
CHR6	11822742	CHR6:11822742	SSF x Far_LoA	-9,906	-0,030	0,290

CHR6	11822834	CHR6:11822834	SSF x Far_LoA	-9,364	-0,140	0,283
CHR6	11822989	CHR6:11822989	SSF x Far_LoA	-10,301	0,028	0,290
CHR6	11846696	CHR6:11846696	SSF x Far_LoA	-8,083	-0,019	0,303
CHR6	11846724	CHR6:11846724	SSF x Far_LoA	-7,939	0,021	0,282
CHR6	11846736	CHR6:11846736	SSF x Far_LoA	-11,306	-0,063	0,288
CHR6	11846747	CHR6:11846747	SSF x Far_LoA	-9,117	-0,017	0,311
CHR6	11846760	CHR6:11846760	SSF x Far_LoA	-9,242	0,041	0,295
CHR6	11848469	CHR6:11848469	SSF x Far_LoA	-8,342	-0,033	0,298
CHR6	11848545	CHR6:11848545	SSF x Far_LoA	-10,607	0,003	0,288
CHR6	11848709	CHR6:11848709	SSF x Far_LoA	-10,181	0,128	0,287
CHR6	11848739	CHR6:11848739	SSF x Far_LoA	-10,355	0,052	0,292
CHR6	11854623	CHR6:11854623	SSF x Far_LoA	-10,018	-0,012	0,287
CHR6	11855061	CHR6:11855061	SSF x Far_LoA	-8,204	-0,063	0,294
CHR6	11857812	CHR6:11857812	SSF x Far_LoA	-5,797	-0,182	0,289
CHR6	11858025	CHR6:11858025	SSF x Far_LoA	-10,983	-0,047	0,289
CHR6	11871159	CHR6:11871159	SSF x Far_LoA	-8,577	0,102	0,298
CHR6	11876109	CHR6:11876109	SSF x Far_LoA	-8,181	-0,031	0,286
CHR6	11876225	CHR6:11876225	SSF x Far_LoA	-10,666	0,042	0,287
CHR6	11881017	CHR6:11881017	SSF x Far_LoA	-6,030	0,229	0,273
CHR6	11881071	CHR6:11881071	SSF x Far_LoA	-10,191	-0,078	0,300
CHR6	11900998	CHR6:11900998	SSF x Far_LoA	-10,376	0,083	0,288
CHR6	11901169	CHR6:11901169	SSF x Far_LoA	-9,211	-0,061	0,300
CHR6	11901175	CHR6:11901175	SSF x Far_LoA	-10,817	0,004	0,296
CHR6	11919728	CHR6:11919728	SSF x Far_LoA	-7,863	-0,119	0,289
CHR6	11919965	CHR6:11919965	SSF x Far_LoA	-9,049	-0,036	0,290
CHR6	11919971	CHR6:11919971	SSF x Far_LoA	-10,335	-0,046	0,297
CHR6	11920057	CHR6:11920057	SSF x Far_LoA	-7,243	-0,075	0,288
CHR6	11932341	CHR6:11932341	SSF x Far_LoA	-10,274	-0,083	0,288
CHR6	11932837	CHR6:11932837	SSF x Far_LoA	-11,027	0,016	0,295
CHR6	11936418	CHR6:11936418	SSF x Far_LoA	-8,785	0,025	0,285
CHR6	11936518	CHR6:11936518	SSF x Far_LoA	-11,343	-0,067	0,294
CHR6	11936556	CHR6:11936556	SSF x Far_LoA	-2,841	0,231	0,275
CHR6	11968177	CHR6:11968177	SSF x Far_LoA	-9,279	-0,116	0,273
CHR6	11968179	CHR6:11968179	SSF x Far_LoA	-7,668	0,088	0,288
CHR6	11968198	CHR6:11968198	SSF x Far_LoA	-8,488	0,147	0,286
CHR6	11968240	CHR6:11968240	SSF x Far_LoA	-9,040	-0,128	0,292
CHR6	1197544	CHR6:1197544	SSF x Far_LoA	-8,826	-0,037	0,294
CHR6	1197599	CHR6:1197599	SSF x Far_LoA	-9,766	0,106	0,265
CHR6	1197842	CHR6:1197842	SSF x Far_LoA	-6,065	0,088	0,282
CHR6	11984909	CHR6:11984909	SSF x Far_LoA	-7,554	-0,064	0,290
CHR6	11984940	CHR6:11984940	SSF x Far_LoA	-11,619	0,020	0,290
CHR6	12012897	CHR6:12012897	SSF x Far_LoA	-8,452	0,089	0,285
CHR6	12025778	CHR6:12025778	SSF x Far_LoA	-8,725	-0,089	0,299
CHR6	12027698	CHR6:12027698	SSF x Far_LoA	-10,235	-0,097	0,290
CHR6	12027738	CHR6:12027738	SSF x Far_LoA	-10,297	-0,024	0,304
CHR6	12027744	CHR6:12027744	SSF x Far_LoA	-8,383	0,046	0,275
CHR6	12027762	CHR6:12027762	SSF x Far_LoA	-9,283	0,018	0,296
CHR6	12027912	CHR6:12027912	SSF x Far_LoA	-10,572	-0,120	0,287
CHR6	12027928	CHR6:12027928	SSF x Far_LoA	-11,372	0,116	0,282
CHR6	12032091	CHR6:12032091	SSF x Far_LoA	-10,733	-0,008	0,289
CHR6	12032095	CHR6:12032095	SSF x Far_LoA	-9,887	-0,081	0,299
CHR6	12041815	CHR6:12041815	SSF x Far_LoA	-9,541	-0,063	0,280
CHR6	12041834	CHR6:12041834	SSF x Far_LoA	-8,361	-0,053	0,285

CHR6	12056313	CHR6:12056313	SSF x Far_LoA	-8,948	-0,052	0,293
CHR6	12069012	CHR6:12069012	SSF x Far_LoA	-6,250	0,082	0,291
CHR6	12069225	CHR6:12069225	SSF x Far_LoA	-9,980	-0,044	0,294
CHR6	12069351	CHR6:12069351	SSF x Far_LoA	-6,972	-0,040	0,283
CHR6	12075448	CHR6:12075448	SSF x Far_LoA	-7,983	-0,025	0,297
CHR6	12075594	CHR6:12075594	SSF x Far_LoA	-9,284	-0,016	0,290
CHR6	12075674	CHR6:12075674	SSF x Far_LoA	-9,934	0,071	0,300
CHR6	1209001	CHR6:1209001	SSF x Far_LoA	-8,536	0,100	0,281
CHR6	1209009	CHR6:1209009	SSF x Far_LoA	-6,689	0,004	0,303
CHR6	1209081	CHR6:1209081	SSF x Far_LoA	-9,021	0,070	0,303
CHR6	12091401	CHR6:12091401	SSF x Far_LoA	-8,312	0,101	0,277
CHR6	12091455	CHR6:12091455	SSF x Far_LoA	-4,270	-0,008	0,308
CHR6	12091589	CHR6:12091589	SSF x Far_LoA	-6,828	0,077	0,289
CHR6	1219028	CHR6:1219028	SSF x Far_LoA	-8,123	-0,137	0,281
CHR6	12229786	CHR6:12229786	SSF x Far_LoA	-11,041	0,036	0,292
CHR6	12229876	CHR6:12229876	SSF x Far_LoA	-9,365	-0,040	0,275
CHR6	12229881	CHR6:12229881	SSF x Far_LoA	-6,528	0,079	0,282
CHR6	12229894	CHR6:12229894	SSF x Far_LoA	-6,526	0,097	0,293
CHR6	12229925	CHR6:12229925	SSF x Far_LoA	-6,415	0,057	0,296
CHR6	12229982	CHR6:12229982	SSF x Far_LoA	-7,802	-0,101	0,289
CHR6	12229990	CHR6:12229990	SSF x Far_LoA	-10,125	0,107	0,287
CHR6	12254330	CHR6:12254330	SSF x Far_LoA	-9,793	-0,003	0,292
CHR6	12254337	CHR6:12254337	SSF x Far_LoA	-8,881	-0,023	0,297
CHR6	12254384	CHR6:12254384	SSF x Far_LoA	-9,270	-0,016	0,288
CHR6	12260236	CHR6:12260236	SSF x Far_LoA	-9,819	-0,053	0,293
CHR6	12287579	CHR6:12287579	SSF x Far_LoA	-10,256	-0,015	0,300
CHR6	12287613	CHR6:12287613	SSF x Far_LoA	-9,708	0,044	0,292
CHR6	12287642	CHR6:12287642	SSF x Far_LoA	-10,995	-0,014	0,293
CHR6	12287717	CHR6:12287717	SSF x Far_LoA	-10,737	0,030	0,283
CHR6	12287722	CHR6:12287722	SSF x Far_LoA	-11,486	0,002	0,280
CHR6	12287762	CHR6:12287762	SSF x Far_LoA	-9,934	-0,028	0,294
CHR6	12287790	CHR6:12287790	SSF x Far_LoA	-11,896	0,012	0,289
CHR6	1232489	CHR6:1232489	SSF x Far_LoA	-8,701	0,018	0,285
CHR6	1232551	CHR6:1232551	SSF x Far_LoA	-6,632	0,036	0,312
CHR6	1232619	CHR6:1232619	SSF x Far_LoA	-7,459	0,111	0,289
CHR6	12328489	CHR6:12328489	SSF x Far_LoA	-6,866	-0,015	0,298
CHR6	12328502	CHR6:12328502	SSF x Far_LoA	-8,361	0,016	0,289
CHR6	12328738	CHR6:12328738	SSF x Far_LoA	-10,851	0,021	0,284
CHR6	12333916	CHR6:12333916	SSF x Far_LoA	-7,694	-0,163	0,270
CHR6	12333995	CHR6:12333995	SSF x Far_LoA	-7,764	-0,166	0,278
CHR6	12334051	CHR6:12334051	SSF x Far_LoA	-10,080	0,068	0,294
CHR6	12335915	CHR6:12335915	SSF x Far_LoA	-11,056	-0,085	0,292
CHR6	12336192	CHR6:12336192	SSF x Far_LoA	-6,924	-0,074	0,282
CHR6	12343654	CHR6:12343654	SSF x Far_LoA	-8,787	0,055	0,292
CHR6	12363377	CHR6:12363377	SSF x Far_LoA	-6,907	0,045	0,309
CHR6	12363817	CHR6:12363817	SSF x Far_LoA	-9,526	-0,142	0,289
CHR6	12369605	CHR6:12369605	SSF x Far_LoA	-4,986	0,119	0,286
CHR6	12369613	CHR6:12369613	SSF x Far_LoA	-8,530	-0,051	0,292
CHR6	12369638	CHR6:12369638	SSF x Far_LoA	-10,045	-0,011	0,274
CHR6	12376918	CHR6:12376918	SSF x Far_LoA	-9,173	-0,059	0,306
CHR6	12377027	CHR6:12377027	SSF x Far_LoA	-8,937	-0,004	0,301
CHR6	12377266	CHR6:12377266	SSF x Far_LoA	-8,327	0,095	0,289
CHR6	12392897	CHR6:12392897	SSF x Far_LoA	-6,445	-0,098	0,298

CHR6	12392899	CHR6:12392899	SSF x Far_LoA	-10,270	-0,018	0,293
CHR6	12398969	CHR6:12398969	SSF x Far_LoA	-5,595	-0,120	0,298
CHR6	12399035	CHR6:12399035	SSF x Far_LoA	-8,744	-0,006	0,300
CHR6	12399986	CHR6:12399986	SSF x Far_LoA	-5,797	0,092	0,304
CHR6	12400023	CHR6:12400023	SSF x Far_LoA	-7,044	0,106	0,306
CHR6	12400051	CHR6:12400051	SSF x Far_LoA	-7,754	-0,037	0,298
CHR6	12403557	CHR6:12403557	SSF x Far_LoA	-9,494	-0,098	0,289
CHR6	12403760	CHR6:12403760	SSF x Far_LoA	-10,623	-0,057	0,296
CHR6	12420291	CHR6:12420291	SSF x Far_LoA	-8,839	-0,023	0,294
CHR6	12420341	CHR6:12420341	SSF x Far_LoA	-3,494	0,031	0,306
CHR6	12420393	CHR6:12420393	SSF x Far_LoA	-9,523	0,090	0,294
CHR6	12420415	CHR6:12420415	SSF x Far_LoA	-8,842	0,035	0,293
CHR6	12420479	CHR6:12420479	SSF x Far_LoA	-8,441	-0,157	0,286
CHR6	12420490	CHR6:12420490	SSF x Far_LoA	-9,062	-0,022	0,288
CHR6	12423259	CHR6:12423259	SSF x Far_LoA	-9,524	0,049	0,286
CHR6	12423319	CHR6:12423319	SSF x Far_LoA	-9,873	0,033	0,277
CHR6	12423320	CHR6:12423320	SSF x Far_LoA	-9,224	0,029	0,292
CHR6	12423331	CHR6:12423331	SSF x Far_LoA	-10,191	-0,050	0,278
CHR6	12423657	CHR6:12423657	SSF x Far_LoA	-10,654	0,029	0,298
CHR6	12427412	CHR6:12427412	SSF x Far_LoA	-9,666	-0,013	0,300
CHR6	12427418	CHR6:12427418	SSF x Far_LoA	-7,150	-0,013	0,305
CHR6	12427456	CHR6:12427456	SSF x Far_LoA	-8,155	0,086	0,296
CHR6	12427500	CHR6:12427500	SSF x Far_LoA	-7,822	0,088	0,291
CHR6	12427534	CHR6:12427534	SSF x Far_LoA	-11,563	0,021	0,288
CHR6	1245531	CHR6:1245531	SSF x Far_LoA	-9,748	0,102	0,292
CHR6	12471141	CHR6:12471141	SSF x Far_LoA	-9,237	0,133	0,299
CHR6	12471153	CHR6:12471153	SSF x Far_LoA	-10,281	0,104	0,281
CHR6	12472524	CHR6:12472524	SSF x Far_LoA	-8,731	-0,042	0,293
CHR6	12472575	CHR6:12472575	SSF x Far_LoA	-7,172	-0,012	0,293
CHR6	12484099	CHR6:12484099	SSF x Far_LoA	-10,850	0,082	0,292
CHR6	12503534	CHR6:12503534	SSF x Far_LoA	-8,456	-0,118	0,296
CHR6	12513998	CHR6:12513998	SSF x Far_LoA	-12,362	-0,012	0,280
CHR6	12514003	CHR6:12514003	SSF x Far_LoA	-6,993	-0,154	0,287
CHR6	12514068	CHR6:12514068	SSF x Far_LoA	-7,436	-0,193	0,282
CHR6	12514096	CHR6:12514096	SSF x Far_LoA	-7,520	-0,184	0,282
CHR6	12514462	CHR6:12514462	SSF x Far_LoA	-8,564	-0,057	0,300
CHR6	12514604	CHR6:12514604	SSF x Far_LoA	-10,715	-0,062	0,298
CHR6	12518727	CHR6:12518727	SSF x Far_LoA	2,221	-0,093	0,283
CHR6	12518735	CHR6:12518735	SSF x Far_LoA	-10,720	-0,048	0,303
CHR6	12518964	CHR6:12518964	SSF x Far_LoA	-11,093	-0,053	0,286
CHR6	12541599	CHR6:12541599	SSF x Far_LoA	-10,239	-0,004	0,280
CHR6	12541647	CHR6:12541647	SSF x Far_LoA	-11,224	0,020	0,290
CHR6	12541677	CHR6:12541677	SSF x Far_LoA	-10,834	-0,051	0,288
CHR6	12541760	CHR6:12541760	SSF x Far_LoA	-9,302	0,005	0,301
CHR6	12542984	CHR6:12542984	SSF x Far_LoA	-11,516	-0,008	0,299
CHR6	12543265	CHR6:12543265	SSF x Far_LoA	-3,972	-0,168	0,289
CHR6	12547409	CHR6:12547409	SSF x Far_LoA	-10,343	0,029	0,279
CHR6	12562562	CHR6:12562562	SSF x Far_LoA	-11,388	0,027	0,291
CHR6	12562647	CHR6:12562647	SSF x Far_LoA	-9,443	-0,071	0,292
CHR6	12564409	CHR6:12564409	SSF x Far_LoA	-11,309	0,074	0,295
CHR6	12564436	CHR6:12564436	SSF x Far_LoA	-9,010	-0,074	0,290
CHR6	12564452	CHR6:12564452	SSF x Far_LoA	-9,177	-0,047	0,296
CHR6	12579776	CHR6:12579776	SSF x Far_LoA	-7,358	-0,135	0,279

CHR6	12579811	CHR6:12579811	SSF x Far_LoA	-7,660	-0,012	0,295
CHR6	12579835	CHR6:12579835	SSF x Far_LoA	-8,858	0,020	0,293
CHR6	12580059	CHR6:12580059	SSF x Far_LoA	-8,683	-0,073	0,308
CHR6	1259010	CHR6:1259010	SSF x Far_LoA	-11,182	-0,099	0,276
CHR6	1259320	CHR6:1259320	SSF x Far_LoA	-5,557	-0,085	0,280
CHR6	1259324	CHR6:1259324	SSF x Far_LoA	-10,156	-0,057	0,276
CHR6	12601349	CHR6:12601349	SSF x Far_LoA	-11,226	-0,055	0,288
CHR6	12601479	CHR6:12601479	SSF x Far_LoA	-8,372	-0,012	0,306
CHR6	12601530	CHR6:12601530	SSF x Far_LoA	-6,997	0,078	0,299
CHR6	12601531	CHR6:12601531	SSF x Far_LoA	-8,204	0,051	0,295
CHR6	12601536	CHR6:12601536	SSF x Far_LoA	-9,978	-0,082	0,283
CHR6	12601550	CHR6:12601550	SSF x Far_LoA	-8,137	0,102	0,287
CHR6	12604624	CHR6:12604624	SSF x Far_LoA	-12,189	-0,076	0,291
CHR6	12604750	CHR6:12604750	SSF x Far_LoA	-8,628	0,180	0,273
CHR6	12604815	CHR6:12604815	SSF x Far_LoA	-10,908	-0,056	0,278
CHR6	12604817	CHR6:12604817	SSF x Far_LoA	-8,263	0,122	0,291
CHR6	12604826	CHR6:12604826	SSF x Far_LoA	-9,905	-0,088	0,293
CHR6	12616528	CHR6:12616528	SSF x Far_LoA	-10,826	0,093	0,287
CHR6	12618511	CHR6:12618511	SSF x Far_LoA	-9,471	-0,098	0,282
CHR6	12618608	CHR6:12618608	SSF x Far_LoA	-9,457	-0,050	0,293
CHR6	12618609	CHR6:12618609	SSF x Far_LoA	-9,017	-0,015	0,297
CHR6	12626838	CHR6:12626838	SSF x Far_LoA	-2,920	-0,072	0,281
CHR6	12626910	CHR6:12626910	SSF x Far_LoA	-9,628	0,089	0,294
CHR6	12626913	CHR6:12626913	SSF x Far_LoA	-6,934	0,092	0,301
CHR6	12626918	CHR6:12626918	SSF x Far_LoA	-7,644	0,093	0,300
CHR6	12626955	CHR6:12626955	SSF x Far_LoA	-7,115	0,071	0,296
CHR6	12643105	CHR6:12643105	SSF x Far_LoA	-10,247	-0,009	0,301
CHR6	12659868	CHR6:12659868	SSF x Far_LoA	-9,357	-0,017	0,293
CHR6	12663374	CHR6:12663374	SSF x Far_LoA	-7,981	-0,061	0,294
CHR6	12663388	CHR6:12663388	SSF x Far_LoA	-10,600	0,007	0,275
CHR6	12671974	CHR6:12671974	SSF x Far_LoA	-11,899	-0,028	0,288
CHR6	12699311	CHR6:12699311	SSF x Far_LoA	-9,721	-0,026	0,293
CHR6	12699426	CHR6:12699426	SSF x Far_LoA	4,567	-0,178	0,291
CHR6	12699473	CHR6:12699473	SSF x Far_LoA	-9,168	0,011	0,295
CHR6	12699602	CHR6:12699602	SSF x Far_LoA	-5,821	-0,174	0,275
CHR6	12710843	CHR6:12710843	SSF x Far_LoA	-8,216	0,026	0,288
CHR6	12710939	CHR6:12710939	SSF x Far_LoA	-10,859	0,022	0,287
CHR6	12710951	CHR6:12710951	SSF x Far_LoA	-8,024	0,163	0,281
CHR6	12711029	CHR6:12711029	SSF x Far_LoA	-11,298	0,013	0,300
CHR6	12711109	CHR6:12711109	SSF x Far_LoA	-8,459	-0,031	0,290
CHR6	12714306	CHR6:12714306	SSF x Far_LoA	-6,995	-0,104	0,275
CHR6	12714314	CHR6:12714314	SSF x Far_LoA	-10,126	-0,062	0,305
CHR6	12714426	CHR6:12714426	SSF x Far_LoA	-8,673	-0,020	0,306
CHR6	12719499	CHR6:12719499	SSF x Far_LoA	-11,996	0,054	0,282
CHR6	12752723	CHR6:12752723	SSF x Far_LoA	-9,860	0,008	0,295
CHR6	12752886	CHR6:12752886	SSF x Far_LoA	0,543	-0,175	0,268
CHR6	12764692	CHR6:12764692	SSF x Far_LoA	-9,532	-0,122	0,282
CHR6	12765729	CHR6:12765729	SSF x Far_LoA	-9,983	-0,101	0,284
CHR6	12772421	CHR6:12772421	SSF x Far_LoA	-10,678	-0,006	0,281
CHR6	12772496	CHR6:12772496	SSF x Far_LoA	-8,452	-0,001	0,305
CHR6	12776925	CHR6:12776925	SSF x Far_LoA	-7,058	-0,159	0,270
CHR6	12785008	CHR6:12785008	SSF x Far_LoA	-9,884	0,047	0,288
CHR6	12795100	CHR6:12795100	SSF x Far_LoA	-4,639	0,190	0,285

CHR6	12795138	CHR6:12795138	SSF x Far_LoA	-12,092	0,017	0,288
CHR6	12795139	CHR6:12795139	SSF x Far_LoA	-8,629	-0,095	0,280
CHR6	12808995	CHR6:12808995	SSF x Far_LoA	-9,570	0,017	0,300
CHR6	12809033	CHR6:12809033	SSF x Far_LoA	-6,252	-0,140	0,284
CHR6	12809040	CHR6:12809040	SSF x Far_LoA	-10,995	-0,014	0,288
CHR6	12809098	CHR6:12809098	SSF x Far_LoA	-9,702	0,099	0,286
CHR6	12817243	CHR6:12817243	SSF x Far_LoA	-10,871	-0,043	0,299
CHR6	12817376	CHR6:12817376	SSF x Far_LoA	-6,583	-0,063	0,297
CHR6	12817382	CHR6:12817382	SSF x Far_LoA	-9,585	-0,010	0,298
CHR6	12817634	CHR6:12817634	SSF x Far_LoA	-11,641	0,017	0,286
CHR6	12817653	CHR6:12817653	SSF x Far_LoA	-8,773	0,106	0,302
CHR6	12831770	CHR6:12831770	SSF x Far_LoA	-9,289	0,038	0,287
CHR6	12831872	CHR6:12831872	SSF x Far_LoA	-10,737	0,030	0,283
CHR6	12832106	CHR6:12832106	SSF x Far_LoA	-2,000	-0,057	0,280
CHR6	12832112	CHR6:12832112	SSF x Far_LoA	-7,486	0,103	0,293
CHR6	12832119	CHR6:12832119	SSF x Far_LoA	-10,682	0,044	0,288
CHR6	12832140	CHR6:12832140	SSF x Far_LoA	-8,321	0,122	0,295
CHR6	1286535	CHR6:1286535	SSF x Far_LoA	-10,421	-0,068	0,300
CHR6	12887413	CHR6:12887413	SSF x Far_LoA	-9,617	0,022	0,294
CHR6	12887749	CHR6:12887749	SSF x Far_LoA	-9,278	0,070	0,294
CHR6	12887782	CHR6:12887782	SSF x Far_LoA	-10,410	0,074	0,298
CHR6	1289026	CHR6:1289026	SSF x Far_LoA	-9,854	-0,149	0,273
CHR6	1289253	CHR6:1289253	SSF x Far_LoA	-9,779	-0,038	0,296
CHR6	1289290	CHR6:1289290	SSF x Far_LoA	-11,136	-0,040	0,291
CHR6	12892995	CHR6:12892995	SSF x Far_LoA	-8,381	0,141	0,270
CHR6	12893068	CHR6:12893068	SSF x Far_LoA	-9,429	0,152	0,275
CHR6	12893100	CHR6:12893100	SSF x Far_LoA	-11,155	0,056	0,292
CHR6	12893124	CHR6:12893124	SSF x Far_LoA	-7,054	0,087	0,287
CHR6	1289339	CHR6:1289339	SSF x Far_LoA	-5,229	-0,157	0,277
CHR6	1289342	CHR6:1289342	SSF x Far_LoA	-3,127	-0,127	0,275
CHR6	12894293	CHR6:12894293	SSF x Far_LoA	-4,092	0,116	0,292
CHR6	12894296	CHR6:12894296	SSF x Far_LoA	-6,913	-0,129	0,293
CHR6	12894314	CHR6:12894314	SSF x Far_LoA	-7,930	0,120	0,283
CHR6	12894362	CHR6:12894362	SSF x Far_LoA	-10,482	-0,055	0,282
CHR6	12894386	CHR6:12894386	SSF x Far_LoA	-10,828	0,091	0,284
CHR6	12901592	CHR6:12901592	SSF x Far_LoA	-8,372	0,047	0,300
CHR6	12906677	CHR6:12906677	SSF x Far_LoA	-9,971	0,067	0,285
CHR6	12906715	CHR6:12906715	SSF x Far_LoA	-7,961	0,107	0,294
CHR6	12910222	CHR6:12910222	SSF x Far_LoA	-11,111	-0,039	0,284
CHR6	12910261	CHR6:12910261	SSF x Far_LoA	-11,585	0,014	0,283
CHR6	12923742	CHR6:12923742	SSF x Far_LoA	-4,764	-0,081	0,307
CHR6	12923773	CHR6:12923773	SSF x Far_LoA	-5,637	0,248	0,280
CHR6	12923835	CHR6:12923835	SSF x Far_LoA	-9,500	0,019	0,288
CHR6	12923925	CHR6:12923925	SSF x Far_LoA	-8,906	0,026	0,310
CHR6	12923942	CHR6:12923942	SSF x Far_LoA	-7,004	0,021	0,297
CHR6	12954984	CHR6:12954984	SSF x Far_LoA	-3,958	-0,209	0,289
CHR6	12954998	CHR6:12954998	SSF x Far_LoA	-6,819	0,128	0,283
CHR6	12955011	CHR6:12955011	SSF x Far_LoA	-8,345	-0,096	0,293
CHR6	12955076	CHR6:12955076	SSF x Far_LoA	-7,976	-0,082	0,303
CHR6	12962080	CHR6:12962080	SSF x Far_LoA	-8,462	-0,003	0,297
CHR6	12968155	CHR6:12968155	SSF x Far_LoA	-10,589	0,038	0,293
CHR6	12968225	CHR6:12968225	SSF x Far_LoA	-10,631	-0,048	0,281
CHR6	12968253	CHR6:12968253	SSF x Far_LoA	-6,759	-0,003	0,284

CHR6	12968290	CHR6:12968290	SSF x Far_LoA	-9,221	0,110	0,294
CHR6	12968325	CHR6:12968325	SSF x Far_LoA	-9,897	0,079	0,291
CHR6	12972920	CHR6:12972920	SSF x Far_LoA	-11,354	0,081	0,282
CHR6	12972967	CHR6:12972967	SSF x Far_LoA	-8,917	-0,023	0,274
CHR6	12983656	CHR6:12983656	SSF x Far_LoA	-9,572	-0,072	0,289
CHR6	12985472	CHR6:12985472	SSF x Far_LoA	-12,054	0,029	0,280
CHR6	12985570	CHR6:12985570	SSF x Far_LoA	-10,023	0,093	0,292
CHR6	12985666	CHR6:12985666	SSF x Far_LoA	-12,003	-0,047	0,289
CHR6	12992998	CHR6:12992998	SSF x Far_LoA	-10,596	0,116	0,292
CHR6	12992999	CHR6:12992999	SSF x Far_LoA	-8,072	0,014	0,312
CHR6	12993036	CHR6:12993036	SSF x Far_LoA	-8,739	0,060	0,301
CHR6	12993140	CHR6:12993140	SSF x Far_LoA	-9,437	0,092	0,286
CHR6	12997878	CHR6:12997878	SSF x Far_LoA	-10,171	0,115	0,277
CHR6	13012514	CHR6:13012514	SSF x Far_LoA	-10,512	0,003	0,297
CHR6	13012577	CHR6:13012577	SSF x Far_LoA	-8,981	-0,023	0,287
CHR6	13013033	CHR6:13013033	SSF x Far_LoA	-10,541	-0,089	0,284
CHR6	13019551	CHR6:13019551	SSF x Far_LoA	-9,386	0,001	0,308
CHR6	13019559	CHR6:13019559	SSF x Far_LoA	-9,222	0,033	0,293
CHR6	13019627	CHR6:13019627	SSF x Far_LoA	-9,540	-0,070	0,297
CHR6	13019648	CHR6:13019648	SSF x Far_LoA	-9,035	-0,024	0,293
CHR6	13024390	CHR6:13024390	SSF x Far_LoA	-9,365	-0,066	0,293
CHR6	13024448	CHR6:13024448	SSF x Far_LoA	-10,578	-0,006	0,287
CHR6	13029750	CHR6:13029750	SSF x Far_LoA	-9,402	0,005	0,292
CHR6	13031087	CHR6:13031087	SSF x Far_LoA	-7,878	-0,106	0,299
CHR6	13031141	CHR6:13031141	SSF x Far_LoA	-11,133	-0,098	0,294
CHR6	13031166	CHR6:13031166	SSF x Far_LoA	-6,663	-0,150	0,288
CHR6	13031192	CHR6:13031192	SSF x Far_LoA	-11,627	0,004	0,288
CHR6	13042951	CHR6:13042951	SSF x Far_LoA	-10,491	0,035	0,292
CHR6	13043046	CHR6:13043046	SSF x Far_LoA	-11,631	0,018	0,290
CHR6	13047644	CHR6:13047644	SSF x Far_LoA	-9,587	-0,081	0,280
CHR6	13056779	CHR6:13056779	SSF x Far_LoA	-11,563	0,021	0,293
CHR6	13058247	CHR6:13058247	SSF x Far_LoA	-7,385	0,084	0,277
CHR6	13061181	CHR6:13061181	SSF x Far_LoA	-11,138	0,013	0,299
CHR6	13061479	CHR6:13061479	SSF x Far_LoA	-9,707	0,070	0,298
CHR6	1307230	CHR6:1307230	SSF x Far_LoA	-8,562	0,009	0,294
CHR6	13076643	CHR6:13076643	SSF x Far_LoA	-3,633	0,242	0,274
CHR6	13084277	CHR6:13084277	SSF x Far_LoA	-8,634	0,017	0,289
CHR6	13084323	CHR6:13084323	SSF x Far_LoA	-8,916	-0,095	0,283
CHR6	13084358	CHR6:13084358	SSF x Far_LoA	-8,159	-0,041	0,292
CHR6	13084384	CHR6:13084384	SSF x Far_LoA	-8,377	0,045	0,290
CHR6	13095752	CHR6:13095752	SSF x Far_LoA	-9,051	-0,034	0,301
CHR6	13095816	CHR6:13095816	SSF x Far_LoA	-9,906	0,041	0,275
CHR6	13095968	CHR6:13095968	SSF x Far_LoA	-11,259	0,059	0,293
CHR6	13104443	CHR6:13104443	SSF x Far_LoA	-8,562	-0,137	0,278
CHR6	13104483	CHR6:13104483	SSF x Far_LoA	-9,439	-0,111	0,290
CHR6	13104484	CHR6:13104484	SSF x Far_LoA	-7,697	-0,138	0,286
CHR6	13104517	CHR6:13104517	SSF x Far_LoA	-10,304	-0,046	0,280
CHR6	13104661	CHR6:13104661	SSF x Far_LoA	-9,636	0,087	0,291
CHR6	13122516	CHR6:13122516	SSF x Far_LoA	-7,704	-0,138	0,294
CHR6	13122563	CHR6:13122563	SSF x Far_LoA	-10,439	0,039	0,294
CHR6	13127185	CHR6:13127185	SSF x Far_LoA	-6,131	-0,125	0,284
CHR6	13127305	CHR6:13127305	SSF x Far_LoA	-10,237	-0,065	0,290
CHR6	13127429	CHR6:13127429	SSF x Far_LoA	-10,735	0,065	0,279

CHR6	13128520	CHR6:13128520	SSF x Far_LoA	-6,212	0,138	0,293
CHR6	13128634	CHR6:13128634	SSF x Far_LoA	-11,006	0,049	0,285
CHR6	13128643	CHR6:13128643	SSF x Far_LoA	-6,750	0,030	0,297
CHR6	13128713	CHR6:13128713	SSF x Far_LoA	-8,117	0,100	0,291
CHR6	13134763	CHR6:13134763	SSF x Far_LoA	-10,118	-0,004	0,303
CHR6	13134819	CHR6:13134819	SSF x Far_LoA	-7,791	-0,020	0,289
CHR6	13134863	CHR6:13134863	SSF x Far_LoA	-9,162	-0,001	0,294
CHR6	13134879	CHR6:13134879	SSF x Far_LoA	-11,727	0,028	0,290
CHR6	13134927	CHR6:13134927	SSF x Far_LoA	-9,626	0,087	0,300
CHR6	13134985	CHR6:13134985	SSF x Far_LoA	-8,121	0,122	0,280
CHR6	13135049	CHR6:13135049	SSF x Far_LoA	-10,023	0,021	0,292
CHR6	13146600	CHR6:13146600	SSF x Far_LoA	-8,460	0,017	0,291
CHR6	13146621	CHR6:13146621	SSF x Far_LoA	-10,413	-0,024	0,279
CHR6	1315893	CHR6:1315893	SSF x Far_LoA	-10,006	0,035	0,289
CHR6	1316071	CHR6:1316071	SSF x Far_LoA	-11,126	0,028	0,286
CHR6	13171585	CHR6:13171585	SSF x Far_LoA	-10,529	0,067	0,282
CHR6	13171606	CHR6:13171606	SSF x Far_LoA	-3,339	-0,139	0,277
CHR6	13171608	CHR6:13171608	SSF x Far_LoA	-8,972	-0,109	0,268
CHR6	13171609	CHR6:13171609	SSF x Far_LoA	-7,193	-0,123	0,278
CHR6	13187969	CHR6:13187969	SSF x Far_LoA	-7,612	-0,183	0,260
CHR6	13187998	CHR6:13187998	SSF x Far_LoA	-10,260	-0,123	0,262
CHR6	13188147	CHR6:13188147	SSF x Far_LoA	-7,876	-0,128	0,286
CHR6	13188174	CHR6:13188174	SSF x Far_LoA	-11,362	-0,090	0,286
CHR6	13190665	CHR6:13190665	SSF x Far_LoA	-11,516	0,039	0,279
CHR6	13190704	CHR6:13190704	SSF x Far_LoA	-7,449	0,113	0,312
CHR6	13190954	CHR6:13190954	SSF x Far_LoA	-8,093	-0,024	0,301
CHR6	13203879	CHR6:13203879	SSF x Far_LoA	-10,637	0,006	0,306
CHR6	13203942	CHR6:13203942	SSF x Far_LoA	-9,541	-0,022	0,288
CHR6	13204018	CHR6:13204018	SSF x Far_LoA	-8,905	-0,013	0,270
CHR6	13204049	CHR6:13204049	SSF x Far_LoA	-7,505	-0,098	0,304
CHR6	13204069	CHR6:13204069	SSF x Far_LoA	-7,801	0,126	0,282
CHR6	13204108	CHR6:13204108	SSF x Far_LoA	-10,060	0,041	0,287
CHR6	13228882	CHR6:13228882	SSF x Far_LoA	-10,704	-0,066	0,285
CHR6	13228948	CHR6:13228948	SSF x Far_LoA	-2,866	-0,035	0,299
CHR6	13230837	CHR6:13230837	SSF x Far_LoA	-10,051	-0,036	0,286
CHR6	13258108	CHR6:13258108	SSF x Far_LoA	-7,960	-0,142	0,292
CHR6	13258248	CHR6:13258248	SSF x Far_LoA	-10,869	-0,064	0,303
CHR6	13260656	CHR6:13260656	SSF x Far_LoA	-8,672	0,046	0,278
CHR6	13260783	CHR6:13260783	SSF x Far_LoA	-10,721	0,089	0,276
CHR6	13260920	CHR6:13260920	SSF x Far_LoA	-6,101	-0,083	0,308
CHR6	13260936	CHR6:13260936	SSF x Far_LoA	-10,653	0,057	0,284
CHR6	13272777	CHR6:13272777	SSF x Far_LoA	-6,318	0,102	0,291
CHR6	13272781	CHR6:13272781	SSF x Far_LoA	-7,099	0,200	0,283
CHR6	13272897	CHR6:13272897	SSF x Far_LoA	-9,566	-0,172	0,272
CHR6	13274495	CHR6:13274495	SSF x Far_LoA	-8,854	-0,039	0,296
CHR6	13296596	CHR6:13296596	SSF x Far_LoA	-8,990	0,004	0,300
CHR6	13296610	CHR6:13296610	SSF x Far_LoA	-10,459	-0,040	0,296
CHR6	13296612	CHR6:13296612	SSF x Far_LoA	-10,218	-0,031	0,300
CHR6	13340323	CHR6:13340323	SSF x Far_LoA	-10,132	0,139	0,292
CHR6	13340503	CHR6:13340503	SSF x Far_LoA	-11,294	-0,107	0,285
CHR6	13345932	CHR6:13345932	SSF x Far_LoA	-9,863	-0,030	0,291
CHR6	13348391	CHR6:13348391	SSF x Far_LoA	-9,366	-0,003	0,285
CHR6	13348430	CHR6:13348430	SSF x Far_LoA	-11,252	0,012	0,298

CHR6	13348450	CHR6:13348450	SSF x Far_LoA	-7,845	-0,076	0,289
CHR6	13348462	CHR6:13348462	SSF x Far_LoA	-6,263	-0,103	0,298
CHR6	13363008	CHR6:13363008	SSF x Far_LoA	-4,552	0,256	0,262
CHR6	13363011	CHR6:13363011	SSF x Far_LoA	-8,775	0,050	0,302
CHR6	13363082	CHR6:13363082	SSF x Far_LoA	-5,072	-0,160	0,298
CHR6	13400712	CHR6:13400712	SSF x Far_LoA	-9,557	-0,125	0,291
CHR6	13425530	CHR6:13425530	SSF x Far_LoA	-6,316	0,099	0,294
CHR6	13425708	CHR6:13425708	SSF x Far_LoA	-6,233	-0,148	0,289
CHR6	13425762	CHR6:13425762	SSF x Far_LoA	-10,975	-0,056	0,303
CHR6	13433942	CHR6:13433942	SSF x Far_LoA	-9,790	0,021	0,310
CHR6	13434043	CHR6:13434043	SSF x Far_LoA	-9,814	-0,008	0,306
CHR6	13434046	CHR6:13434046	SSF x Far_LoA	-10,844	0,013	0,293
CHR6	13434079	CHR6:13434079	SSF x Far_LoA	-10,775	-0,068	0,292
CHR6	13434128	CHR6:13434128	SSF x Far_LoA	-9,387	0,068	0,307
CHR6	13434194	CHR6:13434194	SSF x Far_LoA	-9,224	-0,085	0,307
CHR6	1343835	CHR6:1343835	SSF x Far_LoA	-9,566	-0,023	0,298
CHR6	1344181	CHR6:1344181	SSF x Far_LoA	-9,142	0,083	0,291
CHR6	1344194	CHR6:1344194	SSF x Far_LoA	-12,057	0,067	0,273
CHR6	13472964	CHR6:13472964	SSF x Far_LoA	-4,383	-0,067	0,294
CHR6	13489690	CHR6:13489690	SSF x Far_LoA	-11,616	-0,091	0,273
CHR6	13508515	CHR6:13508515	SSF x Far_LoA	-9,781	0,051	0,302
CHR6	13522116	CHR6:13522116	SSF x Far_LoA	-7,935	-0,056	0,296
CHR6	13522158	CHR6:13522158	SSF x Far_LoA	-8,972	0,059	0,294
CHR6	13522163	CHR6:13522163	SSF x Far_LoA	-10,774	0,020	0,295
CHR6	13522213	CHR6:13522213	SSF x Far_LoA	-11,448	0,000	0,294
CHR6	13522279	CHR6:13522279	SSF x Far_LoA	-8,808	-0,034	0,303
CHR6	13532438	CHR6:13532438	SSF x Far_LoA	-10,285	0,070	0,295
CHR6	13532446	CHR6:13532446	SSF x Far_LoA	-6,123	-0,037	0,285
CHR6	13532480	CHR6:13532480	SSF x Far_LoA	-5,550	-0,037	0,294
CHR6	13532534	CHR6:13532534	SSF x Far_LoA	-11,984	-0,044	0,278
CHR6	13532682	CHR6:13532682	SSF x Far_LoA	-11,244	-0,050	0,294
CHR6	13536340	CHR6:13536340	SSF x Far_LoA	-8,054	-0,149	0,297
CHR6	13536576	CHR6:13536576	SSF x Far_LoA	-11,205	0,044	0,276
CHR6	13536589	CHR6:13536589	SSF x Far_LoA	-7,843	-0,049	0,296
CHR6	1353825	CHR6:1353825	SSF x Far_LoA	-7,752	0,070	0,293
CHR6	1353840	CHR6:1353840	SSF x Far_LoA	-9,601	-0,028	0,288
CHR6	1353955	CHR6:1353955	SSF x Far_LoA	-9,279	-0,012	0,294
CHR6	1354586	CHR6:1354586	SSF x Far_LoA	-7,024	-0,068	0,274
CHR6	13546919	CHR6:13546919	SSF x Far_LoA	-6,669	-0,130	0,285
CHR6	13546977	CHR6:13546977	SSF x Far_LoA	-10,615	0,059	0,293
CHR6	13547213	CHR6:13547213	SSF x Far_LoA	-11,065	0,013	0,300
CHR6	13547235	CHR6:13547235	SSF x Far_LoA	-6,953	-0,002	0,294
CHR6	13574440	CHR6:13574440	SSF x Far_LoA	-9,181	-0,132	0,290
CHR6	13581257	CHR6:13581257	SSF x Far_LoA	-9,119	0,016	0,274
CHR6	13581277	CHR6:13581277	SSF x Far_LoA	-9,699	0,042	0,288
CHR6	13581287	CHR6:13581287	SSF x Far_LoA	-8,539	0,046	0,282
CHR6	13581312	CHR6:13581312	SSF x Far_LoA	-11,224	-0,036	0,291
CHR6	13581346	CHR6:13581346	SSF x Far_LoA	-9,126	0,027	0,279
CHR6	13587342	CHR6:13587342	SSF x Far_LoA	-6,035	0,220	0,275
CHR6	13587402	CHR6:13587402	SSF x Far_LoA	-9,364	-0,044	0,290
CHR6	13601560	CHR6:13601560	SSF x Far_LoA	-8,017	-0,077	0,297
CHR6	13606948	CHR6:13606948	SSF x Far_LoA	-10,826	-0,086	0,282
CHR6	13606988	CHR6:13606988	SSF x Far_LoA	-8,570	0,029	0,294

CHR6	13606996	CHR6:13606996	SSF x Far_LoA	-4,177	-0,089	0,287
CHR6	13607091	CHR6:13607091	SSF x Far_LoA	-8,620	-0,007	0,302
CHR6	13607134	CHR6:13607134	SSF x Far_LoA	-11,193	0,029	0,294
CHR6	13607151	CHR6:13607151	SSF x Far_LoA	-11,061	0,002	0,282
CHR6	13607162	CHR6:13607162	SSF x Far_LoA	-9,258	0,086	0,279
CHR6	13631943	CHR6:13631943	SSF x Far_LoA	-10,167	0,085	0,276
CHR6	13631956	CHR6:13631956	SSF x Far_LoA	-10,917	-0,029	0,278
CHR6	13631978	CHR6:13631978	SSF x Far_LoA	-6,721	0,019	0,279
CHR6	13632116	CHR6:13632116	SSF x Far_LoA	-10,650	-0,096	0,287
CHR6	13635101	CHR6:13635101	SSF x Far_LoA	-8,781	0,017	0,306
CHR6	13635153	CHR6:13635153	SSF x Far_LoA	-10,376	-0,034	0,285
CHR6	13635189	CHR6:13635189	SSF x Far_LoA	-10,022	-0,042	0,278
CHR6	13635265	CHR6:13635265	SSF x Far_LoA	-10,124	-0,051	0,310
CHR6	13635304	CHR6:13635304	SSF x Far_LoA	-8,944	-0,024	0,285
CHR6	13644123	CHR6:13644123	SSF x Far_LoA	-11,971	-0,065	0,279
CHR6	13644248	CHR6:13644248	SSF x Far_LoA	-8,433	0,012	0,293
CHR6	13644258	CHR6:13644258	SSF x Far_LoA	-9,225	-0,078	0,299
CHR6	13644281	CHR6:13644281	SSF x Far_LoA	-8,851	-0,136	0,285
CHR6	13662307	CHR6:13662307	SSF x Far_LoA	-10,239	0,034	0,285
CHR6	13662434	CHR6:13662434	SSF x Far_LoA	-9,561	0,067	0,288
CHR6	13662552	CHR6:13662552	SSF x Far_LoA	-11,350	0,046	0,304
CHR6	13688546	CHR6:13688546	SSF x Far_LoA	2,361	-0,085	0,299
CHR6	13690410	CHR6:13690410	SSF x Far_LoA	-9,603	0,136	0,296
CHR6	13690487	CHR6:13690487	SSF x Far_LoA	-9,378	0,041	0,290
CHR6	13690517	CHR6:13690517	SSF x Far_LoA	-11,715	0,093	0,265
CHR6	13690649	CHR6:13690649	SSF x Far_LoA	-10,831	0,064	0,287
CHR6	13690683	CHR6:13690683	SSF x Far_LoA	-9,112	-0,024	0,289
CHR6	13690688	CHR6:13690688	SSF x Far_LoA	-10,870	-0,037	0,295
CHR6	13690692	CHR6:13690692	SSF x Far_LoA	-11,322	0,096	0,288
CHR6	13690708	CHR6:13690708	SSF x Far_LoA	-0,953	-0,183	0,290
CHR6	13706884	CHR6:13706884	SSF x Far_LoA	-8,953	0,123	0,293
CHR6	13706910	CHR6:13706910	SSF x Far_LoA	-9,289	-0,042	0,293
CHR6	13706987	CHR6:13706987	SSF x Far_LoA	-7,986	0,127	0,287
CHR6	13707073	CHR6:13707073	SSF x Far_LoA	-11,776	-0,010	0,285
CHR6	13719798	CHR6:13719798	SSF x Far_LoA	-11,659	-0,024	0,283
CHR6	13719840	CHR6:13719840	SSF x Far_LoA	-8,284	0,052	0,284
CHR6	13719901	CHR6:13719901	SSF x Far_LoA	-8,189	-0,059	0,291
CHR6	13736436	CHR6:13736436	SSF x Far_LoA	-10,417	0,032	0,287
CHR6	13736558	CHR6:13736558	SSF x Far_LoA	-9,731	-0,120	0,289
CHR6	13737750	CHR6:13737750	SSF x Far_LoA	-11,128	0,061	0,299
CHR6	13746940	CHR6:13746940	SSF x Far_LoA	-11,495	0,078	0,300
CHR6	13746978	CHR6:13746978	SSF x Far_LoA	-6,414	-0,070	0,296
CHR6	13747072	CHR6:13747072	SSF x Far_LoA	-10,029	-0,017	0,290
CHR6	13767179	CHR6:13767179	SSF x Far_LoA	-8,689	0,096	0,301
CHR6	13778412	CHR6:13778412	SSF x Far_LoA	-5,943	-0,058	0,293
CHR6	13783557	CHR6:13783557	SSF x Far_LoA	-9,999	-0,054	0,283
CHR6	13801730	CHR6:13801730	SSF x Far_LoA	-7,546	-0,128	0,283
CHR6	13801819	CHR6:13801819	SSF x Far_LoA	-6,471	-0,120	0,301
CHR6	13801877	CHR6:13801877	SSF x Far_LoA	-8,799	-0,120	0,282
CHR6	13813519	CHR6:13813519	SSF x Far_LoA	-5,916	-0,030	0,294
CHR6	13813585	CHR6:13813585	SSF x Far_LoA	-10,548	-0,012	0,295
CHR6	13829963	CHR6:13829963	SSF x Far_LoA	-10,728	-0,080	0,290
CHR6	13830692	CHR6:13830692	SSF x Far_LoA	-11,049	0,056	0,293

CHR6	13830702	CHR6:13830702	SSF x Far_LoA	-10,713	-0,003	0,299
CHR6	13830707	CHR6:13830707	SSF x Far_LoA	-11,067	-0,056	0,297
CHR6	13830794	CHR6:13830794	SSF x Far_LoA	-11,570	-0,008	0,288
CHR6	1383497	CHR6:1383497	SSF x Far_LoA	-8,659	-0,163	0,281
CHR6	13835945	CHR6:13835945	SSF x Far_LoA	-7,757	-0,052	0,281
CHR6	13835961	CHR6:13835961	SSF x Far_LoA	-8,818	0,079	0,270
CHR6	13836160	CHR6:13836160	SSF x Far_LoA	-9,679	-0,017	0,287
CHR6	13837556	CHR6:13837556	SSF x Far_LoA	-10,550	0,085	0,296
CHR6	13837603	CHR6:13837603	SSF x Far_LoA	-10,880	-0,011	0,289
CHR6	13837613	CHR6:13837613	SSF x Far_LoA	-10,908	0,127	0,288
CHR6	13837709	CHR6:13837709	SSF x Far_LoA	-5,775	0,026	0,286
CHR6	13859735	CHR6:13859735	SSF x Far_LoA	-10,880	0,064	0,291
CHR6	13859869	CHR6:13859869	SSF x Far_LoA	-8,763	0,009	0,274
CHR6	13859957	CHR6:13859957	SSF x Far_LoA	-11,409	-0,023	0,295
CHR6	13860039	CHR6:13860039	SSF x Far_LoA	-9,400	-0,101	0,293
CHR6	13860044	CHR6:13860044	SSF x Far_LoA	-9,446	0,006	0,298
CHR6	13866590	CHR6:13866590	SSF x Far_LoA	-5,456	-0,115	0,292
CHR6	13866678	CHR6:13866678	SSF x Far_LoA	-10,652	-0,032	0,293
CHR6	13866695	CHR6:13866695	SSF x Far_LoA	-7,309	-0,094	0,284
CHR6	13866759	CHR6:13866759	SSF x Far_LoA	-9,934	0,008	0,298
CHR6	13866870	CHR6:13866870	SSF x Far_LoA	-8,326	0,015	0,304
CHR6	13886596	CHR6:13886596	SSF x Far_LoA	-7,785	-0,042	0,312
CHR6	13886604	CHR6:13886604	SSF x Far_LoA	-8,582	-0,045	0,291
CHR6	13889514	CHR6:13889514	SSF x Far_LoA	-8,236	-0,021	0,283
CHR6	13889642	CHR6:13889642	SSF x Far_LoA	-10,291	-0,039	0,281
CHR6	13889648	CHR6:13889648	SSF x Far_LoA	-8,687	-0,015	0,289
CHR6	13889652	CHR6:13889652	SSF x Far_LoA	-12,119	-0,003	0,289
CHR6	13889769	CHR6:13889769	SSF x Far_LoA	-9,017	0,017	0,293
CHR6	13905157	CHR6:13905157	SSF x Far_LoA	-6,833	0,035	0,282
CHR6	13905164	CHR6:13905164	SSF x Far_LoA	-5,745	0,111	0,282
CHR6	13905218	CHR6:13905218	SSF x Far_LoA	-10,992	0,019	0,289
CHR6	13905270	CHR6:13905270	SSF x Far_LoA	-7,511	0,158	0,285
CHR6	13905271	CHR6:13905271	SSF x Far_LoA	-11,452	0,028	0,286
CHR6	13915817	CHR6:13915817	SSF x Far_LoA	-8,939	0,066	0,289
CHR6	13915977	CHR6:13915977	SSF x Far_LoA	-9,090	-0,131	0,299
CHR6	13916017	CHR6:13916017	SSF x Far_LoA	-10,847	-0,079	0,290
CHR6	13920753	CHR6:13920753	SSF x Far_LoA	-11,489	0,043	0,284
CHR6	13920940	CHR6:13920940	SSF x Far_LoA	-7,024	-0,165	0,289
CHR6	13921002	CHR6:13921002	SSF x Far_LoA	-8,830	-0,069	0,287
CHR6	13921014	CHR6:13921014	SSF x Far_LoA	-10,434	-0,043	0,296
CHR6	13934992	CHR6:13934992	SSF x Far_LoA	-11,205	0,047	0,283
CHR6	13943842	CHR6:13943842	SSF x Far_LoA	-9,946	-0,061	0,291
CHR6	13958363	CHR6:13958363	SSF x Far_LoA	-10,086	-0,088	0,281
CHR6	13958377	CHR6:13958377	SSF x Far_LoA	-11,298	0,001	0,294
CHR6	13958425	CHR6:13958425	SSF x Far_LoA	-11,993	0,008	0,302
CHR6	13958476	CHR6:13958476	SSF x Far_LoA	-9,165	0,000	0,292
CHR6	13958716	CHR6:13958716	SSF x Far_LoA	-10,221	-0,006	0,288
CHR6	13962963	CHR6:13962963	SSF x Far_LoA	-9,738	-0,145	0,280
CHR6	13963034	CHR6:13963034	SSF x Far_LoA	-6,081	-0,082	0,305
CHR6	13967429	CHR6:13967429	SSF x Far_LoA	-3,371	-0,115	0,297
CHR6	13967602	CHR6:13967602	SSF x Far_LoA	-4,938	-0,065	0,293
CHR6	13971688	CHR6:13971688	SSF x Far_LoA	-8,807	-0,027	0,284
CHR6	13973080	CHR6:13973080	SSF x Far_LoA	-10,952	-0,021	0,286

CHR6	13978432	CHR6:13978432	SSF x Far_LoA	-7,246	-0,134	0,262
CHR6	13986010	CHR6:13986010	SSF x Far_LoA	-8,720	0,031	0,292
CHR6	14021571	CHR6:14021571	SSF x Far_LoA	-12,045	-0,018	0,290
CHR6	14021641	CHR6:14021641	SSF x Far_LoA	-9,068	0,034	0,279
CHR6	14021681	CHR6:14021681	SSF x Far_LoA	-9,655	-0,052	0,285
CHR6	14021700	CHR6:14021700	SSF x Far_LoA	-10,720	-0,003	0,293
CHR6	14032373	CHR6:14032373	SSF x Far_LoA	-10,090	-0,024	0,290
CHR6	14036633	CHR6:14036633	SSF x Far_LoA	-5,261	0,167	0,272
CHR6	14041951	CHR6:14041951	SSF x Far_LoA	-10,525	-0,037	0,306
CHR6	14042097	CHR6:14042097	SSF x Far_LoA	-6,413	0,168	0,276
CHR6	14045289	CHR6:14045289	SSF x Far_LoA	-9,838	0,039	0,268
CHR6	14045312	CHR6:14045312	SSF x Far_LoA	-7,411	0,027	0,282
CHR6	14045433	CHR6:14045433	SSF x Far_LoA	-9,052	-0,077	0,293
CHR6	14046228	CHR6:14046228	SSF x Far_LoA	-8,493	0,043	0,297
CHR6	14046328	CHR6:14046328	SSF x Far_LoA	-8,587	0,122	0,282
CHR6	14046689	CHR6:14046689	SSF x Far_LoA	-9,000	0,028	0,286
CHR6	14049706	CHR6:14049706	SSF x Far_LoA	-8,172	-0,033	0,287
CHR6	14049738	CHR6:14049738	SSF x Far_LoA	-8,057	-0,106	0,278
CHR6	14049740	CHR6:14049740	SSF x Far_LoA	-10,906	-0,066	0,298
CHR6	14049860	CHR6:14049860	SSF x Far_LoA	-8,586	-0,091	0,270
CHR6	14080564	CHR6:14080564	SSF x Far_LoA	-8,305	-0,011	0,290
CHR6	14080609	CHR6:14080609	SSF x Far_LoA	-7,587	0,011	0,287
CHR6	14084018	CHR6:14084018	SSF x Far_LoA	-9,437	0,082	0,294
CHR6	14099186	CHR6:14099186	SSF x Far_LoA	-11,488	0,051	0,310
CHR6	14099349	CHR6:14099349	SSF x Far_LoA	-8,948	0,086	0,276
CHR6	14108351	CHR6:14108351	SSF x Far_LoA	-7,482	0,023	0,293
CHR6	14108498	CHR6:14108498	SSF x Far_LoA	-9,504	0,020	0,299
CHR6	14134522	CHR6:14134522	SSF x Far_LoA	-11,016	-0,021	0,281
CHR6	14134584	CHR6:14134584	SSF x Far_LoA	-11,053	0,015	0,269
CHR6	14134715	CHR6:14134715	SSF x Far_LoA	-8,562	-0,041	0,299
CHR6	14146836	CHR6:14146836	SSF x Far_LoA	-9,905	-0,063	0,312
CHR6	14146868	CHR6:14146868	SSF x Far_LoA	-8,703	-0,114	0,294
CHR6	14149443	CHR6:14149443	SSF x Far_LoA	-7,750	-0,016	0,293
CHR6	14151284	CHR6:14151284	SSF x Far_LoA	-10,196	-0,141	0,299
CHR6	14151298	CHR6:14151298	SSF x Far_LoA	-11,806	0,033	0,291
CHR6	14151351	CHR6:14151351	SSF x Far_LoA	-8,848	-0,017	0,296
CHR6	14151413	CHR6:14151413	SSF x Far_LoA	-10,552	-0,083	0,302
CHR6	14164982	CHR6:14164982	SSF x Far_LoA	-10,942	0,008	0,305
CHR6	14168373	CHR6:14168373	SSF x Far_LoA	-10,348	-0,115	0,294
CHR6	14169981	CHR6:14169981	SSF x Far_LoA	-9,949	-0,067	0,273
CHR6	14179157	CHR6:14179157	SSF x Far_LoA	-11,196	-0,010	0,291
CHR6	14190631	CHR6:14190631	SSF x Far_LoA	-0,879	0,207	0,288
CHR6	14190660	CHR6:14190660	SSF x Far_LoA	-10,277	-0,105	0,285
CHR6	14190775	CHR6:14190775	SSF x Far_LoA	-4,830	0,185	0,290
CHR6	14190776	CHR6:14190776	SSF x Far_LoA	-7,264	-0,160	0,297
CHR6	14201388	CHR6:14201388	SSF x Far_LoA	-9,441	0,026	0,282
CHR6	14206573	CHR6:14206573	SSF x Far_LoA	-9,784	-0,119	0,284
CHR6	14206594	CHR6:14206594	SSF x Far_LoA	-9,331	-0,111	0,265
CHR6	14215828	CHR6:14215828	SSF x Far_LoA	-7,873	0,060	0,288
CHR6	14217368	CHR6:14217368	SSF x Far_LoA	-11,042	0,028	0,279
CHR6	14217379	CHR6:14217379	SSF x Far_LoA	-8,075	-0,116	0,275
CHR6	14220710	CHR6:14220710	SSF x Far_LoA	-6,532	0,129	0,291
CHR6	14220722	CHR6:14220722	SSF x Far_LoA	-7,100	0,127	0,292

CHR6	14220727	CHR6:14220727	SSF x Far_LoA	-10,879	-0,035	0,304
CHR6	14220827	CHR6:14220827	SSF x Far_LoA	-7,548	0,074	0,292
CHR6	14233944	CHR6:14233944	SSF x Far_LoA	-9,081	0,008	0,288
CHR6	14234045	CHR6:14234045	SSF x Far_LoA	-8,641	-0,100	0,287
CHR6	14234047	CHR6:14234047	SSF x Far_LoA	-9,750	0,027	0,280
CHR6	14234123	CHR6:14234123	SSF x Far_LoA	-8,039	0,023	0,278
CHR6	14238140	CHR6:14238140	SSF x Far_LoA	-6,528	0,053	0,285
CHR6	14238203	CHR6:14238203	SSF x Far_LoA	5,155	0,183	0,278
CHR6	14238229	CHR6:14238229	SSF x Far_LoA	-8,881	0,095	0,282
CHR6	14238362	CHR6:14238362	SSF x Far_LoA	-10,019	-0,044	0,294
CHR6	14261400	CHR6:14261400	SSF x Far_LoA	-8,294	0,059	0,296
CHR6	14261433	CHR6:14261433	SSF x Far_LoA	-9,637	0,057	0,297
CHR6	14261471	CHR6:14261471	SSF x Far_LoA	-10,327	0,012	0,300
CHR6	14261491	CHR6:14261491	SSF x Far_LoA	-10,109	-0,022	0,265
CHR6	14261492	CHR6:14261492	SSF x Far_LoA	-11,593	0,001	0,296
CHR6	14261497	CHR6:14261497	SSF x Far_LoA	-10,583	0,002	0,293
CHR6	14261544	CHR6:14261544	SSF x Far_LoA	-3,907	0,061	0,270
CHR6	14261551	CHR6:14261551	SSF x Far_LoA	-11,457	-0,058	0,296
CHR6	14261598	CHR6:14261598	SSF x Far_LoA	-8,835	0,000	0,290
CHR6	14261662	CHR6:14261662	SSF x Far_LoA	-10,574	-0,015	0,296
CHR6	14276515	CHR6:14276515	SSF x Far_LoA	-10,615	0,082	0,297
CHR6	14278114	CHR6:14278114	SSF x Far_LoA	-8,156	-0,072	0,293
CHR6	14278306	CHR6:14278306	SSF x Far_LoA	-7,227	0,098	0,286
CHR6	14278314	CHR6:14278314	SSF x Far_LoA	-10,014	-0,036	0,296
CHR6	14286836	CHR6:14286836	SSF x Far_LoA	-10,234	0,050	0,292
CHR6	14303357	CHR6:14303357	SSF x Far_LoA	-9,484	-0,045	0,297
CHR6	14303414	CHR6:14303414	SSF x Far_LoA	-2,419	-0,212	0,285
CHR6	14303451	CHR6:14303451	SSF x Far_LoA	-8,809	0,056	0,289
CHR6	14303481	CHR6:14303481	SSF x Far_LoA	-10,980	0,159	0,283
CHR6	14303492	CHR6:14303492	SSF x Far_LoA	-10,734	0,060	0,300
CHR6	14303650	CHR6:14303650	SSF x Far_LoA	-9,581	-0,036	0,307
CHR6	14303677	CHR6:14303677	SSF x Far_LoA	-7,713	-0,096	0,289
CHR6	14313910	CHR6:14313910	SSF x Far_LoA	-6,440	0,106	0,296
CHR6	14314030	CHR6:14314030	SSF x Far_LoA	-7,042	0,039	0,318
CHR6	14314048	CHR6:14314048	SSF x Far_LoA	-9,893	0,033	0,298
CHR6	14322506	CHR6:14322506	SSF x Far_LoA	-9,322	-0,012	0,280
CHR6	14322528	CHR6:14322528	SSF x Far_LoA	-7,843	-0,009	0,294
CHR6	14322557	CHR6:14322557	SSF x Far_LoA	-11,393	-0,010	0,280
CHR6	14322569	CHR6:14322569	SSF x Far_LoA	-7,535	-0,036	0,289
CHR6	14322570	CHR6:14322570	SSF x Far_LoA	-10,875	0,058	0,295
CHR6	14322587	CHR6:14322587	SSF x Far_LoA	-7,416	-0,053	0,290
CHR6	14322601	CHR6:14322601	SSF x Far_LoA	-8,597	-0,042	0,297
CHR6	14322612	CHR6:14322612	SSF x Far_LoA	-8,620	-0,056	0,292
CHR6	14322639	CHR6:14322639	SSF x Far_LoA	-9,478	-0,037	0,284
CHR6	14322641	CHR6:14322641	SSF x Far_LoA	-11,404	-0,010	0,287
CHR6	14322658	CHR6:14322658	SSF x Far_LoA	-7,817	0,110	0,277
CHR6	14322665	CHR6:14322665	SSF x Far_LoA	-8,642	-0,053	0,297
CHR6	1433789	CHR6:1433789	SSF x Far_LoA	-11,181	-0,013	0,292
CHR6	14344054	CHR6:14344054	SSF x Far_LoA	-10,069	0,054	0,290
CHR6	14344067	CHR6:14344067	SSF x Far_LoA	-10,751	0,064	0,278
CHR6	14344071	CHR6:14344071	SSF x Far_LoA	-9,282	0,025	0,295
CHR6	14344154	CHR6:14344154	SSF x Far_LoA	-9,236	0,055	0,285
CHR6	14344225	CHR6:14344225	SSF x Far_LoA	-8,555	-0,071	0,287

CHR6	14345725	CHR6:14345725	SSF x Far_LoA	-10,418	-0,055	0,298
CHR6	14345731	CHR6:14345731	SSF x Far_LoA	-9,112	-0,061	0,304
CHR6	14345749	CHR6:14345749	SSF x Far_LoA	-10,340	-0,056	0,302
CHR6	14345927	CHR6:14345927	SSF x Far_LoA	-8,834	0,001	0,299
CHR6	14349414	CHR6:14349414	SSF x Far_LoA	-9,548	-0,114	0,298
CHR6	14396589	CHR6:14396589	SSF x Far_LoA	-11,373	0,110	0,294
CHR6	14408573	CHR6:14408573	SSF x Far_LoA	-8,714	0,021	0,290
CHR6	14408679	CHR6:14408679	SSF x Far_LoA	-10,353	0,049	0,276
CHR6	14408680	CHR6:14408680	SSF x Far_LoA	-10,209	0,060	0,285
CHR6	14408686	CHR6:14408686	SSF x Far_LoA	-9,179	0,085	0,294
CHR6	14412446	CHR6:14412446	SSF x Far_LoA	-11,005	0,041	0,284
CHR6	14412538	CHR6:14412538	SSF x Far_LoA	-12,609	-0,055	0,282
CHR6	14421796	CHR6:14421796	SSF x Far_LoA	-3,873	-0,108	0,299
CHR6	14421808	CHR6:14421808	SSF x Far_LoA	-8,135	0,010	0,291
CHR6	14431459	CHR6:14431459	SSF x Far_LoA	-8,839	-0,005	0,294
CHR6	14431505	CHR6:14431505	SSF x Far_LoA	-9,677	-0,037	0,306
CHR6	14431555	CHR6:14431555	SSF x Far_LoA	-6,800	-0,092	0,287
CHR6	14499532	CHR6:14499532	SSF x Far_LoA	-11,605	-0,097	0,279
CHR6	14617198	CHR6:14617198	SSF x Far_LoA	-9,704	0,100	0,294
CHR6	14667489	CHR6:14667489	SSF x Far_LoA	-9,740	-0,061	0,283
CHR6	14667571	CHR6:14667571	SSF x Far_LoA	-8,986	0,020	0,282
CHR6	14669125	CHR6:14669125	SSF x Far_LoA	-8,546	0,104	0,291
CHR6	14690089	CHR6:14690089	SSF x Far_LoA	-8,585	-0,067	0,280
CHR6	14691958	CHR6:14691958	SSF x Far_LoA	-9,633	-0,082	0,289
CHR6	14691974	CHR6:14691974	SSF x Far_LoA	-8,272	-0,067	0,302
CHR6	14692194	CHR6:14692194	SSF x Far_LoA	-1,455	0,185	0,281
CHR6	14692288	CHR6:14692288	SSF x Far_LoA	-5,513	-0,178	0,292
CHR6	1471481	CHR6:1471481	SSF x Far_LoA	-7,667	0,009	0,291
CHR6	1471491	CHR6:1471491	SSF x Far_LoA	-7,837	-0,082	0,283
CHR6	1471526	CHR6:1471526	SSF x Far_LoA	-6,349	-0,140	0,301
CHR6	1471546	CHR6:1471546	SSF x Far_LoA	-7,571	0,099	0,301
CHR6	14739497	CHR6:14739497	SSF x Far_LoA	-8,634	0,117	0,299
CHR6	14763627	CHR6:14763627	SSF x Far_LoA	-8,608	0,094	0,293
CHR6	14763785	CHR6:14763785	SSF x Far_LoA	-8,755	-0,035	0,296
CHR6	14763874	CHR6:14763874	SSF x Far_LoA	-9,129	-0,070	0,281
CHR6	1479004	CHR6:1479004	SSF x Far_LoA	-10,539	0,035	0,273
CHR6	14790354	CHR6:14790354	SSF x Far_LoA	-9,182	-0,045	0,304
CHR6	14790405	CHR6:14790405	SSF x Far_LoA	-9,423	-0,058	0,302
CHR6	14790553	CHR6:14790553	SSF x Far_LoA	-8,560	0,122	0,280
CHR6	1479326	CHR6:1479326	SSF x Far_LoA	-9,438	0,010	0,292
CHR6	14802218	CHR6:14802218	SSF x Far_LoA	-6,940	-0,103	0,302
CHR6	14837886	CHR6:14837886	SSF x Far_LoA	-6,607	-0,036	0,280
CHR6	14843050	CHR6:14843050	SSF x Far_LoA	-7,806	-0,031	0,290
CHR6	14843093	CHR6:14843093	SSF x Far_LoA	-7,899	0,009	0,288
CHR6	14843109	CHR6:14843109	SSF x Far_LoA	-4,956	-0,032	0,282
CHR6	14846380	CHR6:14846380	SSF x Far_LoA	-10,010	-0,039	0,301
CHR6	14851161	CHR6:14851161	SSF x Far_LoA	-11,236	-0,014	0,297
CHR6	14854599	CHR6:14854599	SSF x Far_LoA	-6,240	-0,223	0,290
CHR6	1486644	CHR6:1486644	SSF x Far_LoA	-8,837	0,072	0,284
CHR6	1486763	CHR6:1486763	SSF x Far_LoA	4,176	-0,130	0,284
CHR6	1487048	CHR6:1487048	SSF x Far_LoA	-11,028	0,025	0,282
CHR6	14918231	CHR6:14918231	SSF x Far_LoA	-9,908	0,016	0,286
CHR6	14950538	CHR6:14950538	SSF x Far_LoA	-8,116	-0,104	0,286

CHR6	14950551	CHR6:14950551	SSF x Far_LoA	-6,158	0,065	0,279
CHR6	14959057	CHR6:14959057	SSF x Far_LoA	-7,878	0,156	0,300
CHR6	1515199	CHR6:1515199	SSF x Far_LoA	-9,314	0,008	0,290
CHR6	1515355	CHR6:1515355	SSF x Far_LoA	-9,142	0,046	0,300
CHR6	1515366	CHR6:1515366	SSF x Far_LoA	-10,633	-0,030	0,283
CHR6	1532517	CHR6:1532517	SSF x Far_LoA	-8,535	0,053	0,294
CHR6	1532539	CHR6:1532539	SSF x Far_LoA	-9,743	-0,084	0,290
CHR6	1532540	CHR6:1532540	SSF x Far_LoA	-4,946	0,079	0,291
CHR6	1539582	CHR6:1539582	SSF x Far_LoA	-7,156	-0,147	0,290
CHR6	1539637	CHR6:1539637	SSF x Far_LoA	-8,370	-0,155	0,280
CHR6	1539685	CHR6:1539685	SSF x Far_LoA	-9,972	0,075	0,293
CHR6	1539686	CHR6:1539686	SSF x Far_LoA	-10,010	0,091	0,285
CHR6	1539687	CHR6:1539687	SSF x Far_LoA	-10,726	0,061	0,285
CHR6	1539688	CHR6:1539688	SSF x Far_LoA	-10,550	0,080	0,297
CHR6	1539746	CHR6:1539746	SSF x Far_LoA	-8,121	-0,187	0,283
CHR6	1553391	CHR6:1553391	SSF x Far_LoA	-7,882	-0,012	0,287
CHR6	1553631	CHR6:1553631	SSF x Far_LoA	-11,862	-0,024	0,295
CHR6	1577950	CHR6:1577950	SSF x Far_LoA	-9,091	-0,002	0,291
CHR6	1577952	CHR6:1577952	SSF x Far_LoA	-9,390	0,006	0,292
CHR6	1577997	CHR6:1577997	SSF x Far_LoA	-9,060	0,080	0,296
CHR6	1579722	CHR6:1579722	SSF x Far_LoA	1,723	-0,153	0,292
CHR6	1579828	CHR6:1579828	SSF x Far_LoA	-10,900	0,040	0,283
CHR6	1585570	CHR6:1585570	SSF x Far_LoA	-8,886	0,016	0,283
CHR6	1585619	CHR6:1585619	SSF x Far_LoA	-8,874	0,074	0,286
CHR6	1585804	CHR6:1585804	SSF x Far_LoA	-10,157	0,052	0,280
CHR6	1585847	CHR6:1585847	SSF x Far_LoA	-10,664	0,004	0,305
CHR6	1585848	CHR6:1585848	SSF x Far_LoA	-11,064	-0,004	0,296
CHR6	1586199	CHR6:1586199	SSF x Far_LoA	-8,871	-0,057	0,304
CHR6	1590809	CHR6:1590809	SSF x Far_LoA	-7,234	0,084	0,289
CHR6	1597705	CHR6:1597705	SSF x Far_LoA	-10,445	0,037	0,302
CHR6	1597782	CHR6:1597782	SSF x Far_LoA	-10,790	0,010	0,293
CHR6	1597851	CHR6:1597851	SSF x Far_LoA	-8,493	-0,053	0,306
CHR6	1598003	CHR6:1598003	SSF x Far_LoA	-10,727	-0,054	0,279
CHR6	1602469	CHR6:1602469	SSF x Far_LoA	-9,307	0,023	0,280
CHR6	1602474	CHR6:1602474	SSF x Far_LoA	-8,799	-0,062	0,295
CHR6	1602477	CHR6:1602477	SSF x Far_LoA	-9,797	0,010	0,292
CHR6	1602629	CHR6:1602629	SSF x Far_LoA	-6,818	-0,137	0,289
CHR6	1602642	CHR6:1602642	SSF x Far_LoA	-5,169	-0,183	0,274
CHR6	1602702	CHR6:1602702	SSF x Far_LoA	-12,498	0,061	0,276
CHR6	1602832	CHR6:1602832	SSF x Far_LoA	-3,297	-0,033	0,289
CHR6	1602885	CHR6:1602885	SSF x Far_LoA	-9,032	-0,089	0,298
CHR6	1614633	CHR6:1614633	SSF x Far_LoA	-9,439	-0,025	0,305
CHR6	1614660	CHR6:1614660	SSF x Far_LoA	-6,639	0,096	0,305
CHR6	1614679	CHR6:1614679	SSF x Far_LoA	-8,533	0,093	0,289
CHR6	1614690	CHR6:1614690	SSF x Far_LoA	-7,645	0,019	0,307
CHR6	1614779	CHR6:1614779	SSF x Far_LoA	-10,278	-0,064	0,286
CHR6	1614787	CHR6:1614787	SSF x Far_LoA	-8,432	-0,033	0,303
CHR6	1614790	CHR6:1614790	SSF x Far_LoA	-9,182	-0,069	0,298
CHR6	1614791	CHR6:1614791	SSF x Far_LoA	-10,771	-0,060	0,280
CHR6	1614918	CHR6:1614918	SSF x Far_LoA	-9,565	-0,067	0,278
CHR6	1629252	CHR6:1629252	SSF x Far_LoA	-12,646	-0,008	0,285
CHR6	1629346	CHR6:1629346	SSF x Far_LoA	-10,529	-0,053	0,293
CHR6	1629414	CHR6:1629414	SSF x Far_LoA	-8,265	-0,129	0,283

CHR6	1629437	CHR6:1629437	SSF x Far_LoA	-8,164	-0,128	0,292
CHR6	1629441	CHR6:1629441	SSF x Far_LoA	-9,838	0,031	0,286
CHR6	1629455	CHR6:1629455	SSF x Far_LoA	-10,332	-0,007	0,295
CHR6	16500205	CHR6:16500205	SSF x Far_LoA	-9,001	-0,007	0,295
CHR6	16538980	CHR6:16538980	SSF x Far_LoA	-6,916	0,058	0,277
CHR6	16549569	CHR6:16549569	SSF x Far_LoA	-10,237	-0,061	0,290
CHR6	1659530	CHR6:1659530	SSF x Far_LoA	-11,137	-0,011	0,287
CHR6	1659552	CHR6:1659552	SSF x Far_LoA	-10,505	0,016	0,296
CHR6	1659787	CHR6:1659787	SSF x Far_LoA	-8,679	0,039	0,274
CHR6	16632545	CHR6:16632545	SSF x Far_LoA	-7,016	0,122	0,289
CHR6	16632751	CHR6:16632751	SSF x Far_LoA	-6,606	0,146	0,288
CHR6	16632793	CHR6:16632793	SSF x Far_LoA	-1,229	0,169	0,297
CHR6	16661695	CHR6:16661695	SSF x Far_LoA	-8,411	-0,095	0,283
CHR6	1666818	CHR6:1666818	SSF x Far_LoA	-8,613	0,102	0,295
CHR6	1666843	CHR6:1666843	SSF x Far_LoA	-11,684	-0,004	0,274
CHR6	1666845	CHR6:1666845	SSF x Far_LoA	-3,710	0,102	0,286
CHR6	1666856	CHR6:1666856	SSF x Far_LoA	-8,223	-0,118	0,282
CHR6	1666977	CHR6:1666977	SSF x Far_LoA	-8,949	0,034	0,284
CHR6	1666981	CHR6:1666981	SSF x Far_LoA	-8,656	0,040	0,292
CHR6	1666988	CHR6:1666988	SSF x Far_LoA	-7,454	-0,015	0,300
CHR6	16690865	CHR6:16690865	SSF x Far_LoA	-10,767	0,005	0,294
CHR6	16705942	CHR6:16705942	SSF x Far_LoA	0,370	-0,188	0,279
CHR6	167126	CHR6:167126	SSF x Far_LoA	-7,124	0,081	0,297
CHR6	16720044	CHR6:16720044	SSF x Far_LoA	-9,013	0,102	0,278
CHR6	16739626	CHR6:16739626	SSF x Far_LoA	-8,155	-0,098	0,288
CHR6	1674419	CHR6:1674419	SSF x Far_LoA	-7,073	0,086	0,281
CHR6	16756433	CHR6:16756433	SSF x Far_LoA	-8,625	0,098	0,306
CHR6	16756535	CHR6:16756535	SSF x Far_LoA	-9,667	0,096	0,295
CHR6	16780744	CHR6:16780744	SSF x Far_LoA	-8,924	0,162	0,285
CHR6	16782596	CHR6:16782596	SSF x Far_LoA	-8,202	-0,046	0,297
CHR6	16782662	CHR6:16782662	SSF x Far_LoA	-7,779	0,118	0,287
CHR6	1679996	CHR6:1679996	SSF x Far_LoA	-10,080	0,089	0,287
CHR6	16800125	CHR6:16800125	SSF x Far_LoA	-7,908	0,148	0,283
CHR6	1680041	CHR6:1680041	SSF x Far_LoA	-8,535	-0,047	0,313
CHR6	1680042	CHR6:1680042	SSF x Far_LoA	-8,900	-0,044	0,301
CHR6	16807040	CHR6:16807040	SSF x Far_LoA	-10,212	-0,062	0,296
CHR6	16807185	CHR6:16807185	SSF x Far_LoA	-8,187	0,181	0,285
CHR6	16817574	CHR6:16817574	SSF x Far_LoA	-10,310	0,035	0,303
CHR6	16817630	CHR6:16817630	SSF x Far_LoA	-10,711	0,001	0,314
CHR6	16817631	CHR6:16817631	SSF x Far_LoA	-9,907	-0,007	0,305
CHR6	16817632	CHR6:16817632	SSF x Far_LoA	-9,874	0,029	0,293
CHR6	16817876	CHR6:16817876	SSF x Far_LoA	-9,852	0,084	0,298
CHR6	16827379	CHR6:16827379	SSF x Far_LoA	-6,480	-0,052	0,299
CHR6	16827438	CHR6:16827438	SSF x Far_LoA	-7,138	-0,055	0,303
CHR6	16844543	CHR6:16844543	SSF x Far_LoA	-9,455	-0,066	0,294
CHR6	16859983	CHR6:16859983	SSF x Far_LoA	-9,099	-0,126	0,296
CHR6	16859986	CHR6:16859986	SSF x Far_LoA	-10,095	-0,130	0,266
CHR6	16872620	CHR6:16872620	SSF x Far_LoA	-9,134	-0,131	0,301
CHR6	16890002	CHR6:16890002	SSF x Far_LoA	-8,762	-0,022	0,294
CHR6	16909633	CHR6:16909633	SSF x Far_LoA	-8,573	0,002	0,297
CHR6	16911804	CHR6:16911804	SSF x Far_LoA	-8,598	-0,011	0,291
CHR6	16911905	CHR6:16911905	SSF x Far_LoA	-7,908	-0,017	0,293
CHR6	16938405	CHR6:16938405	SSF x Far_LoA	-8,338	-0,076	0,283

CHR6	16944525	CHR6:16944525	SSF x Far_LoA	-7,616	0,000	0,290
CHR6	16944657	CHR6:16944657	SSF x Far_LoA	-8,407	-0,004	0,301
CHR6	16971222	CHR6:16971222	SSF x Far_LoA	-7,776	-0,004	0,293
CHR6	16980363	CHR6:16980363	SSF x Far_LoA	-7,835	-0,116	0,290
CHR6	16980390	CHR6:16980390	SSF x Far_LoA	-4,487	-0,084	0,293
CHR6	1698926	CHR6:1698926	SSF x Far_LoA	-8,719	0,124	0,292
CHR6	1698927	CHR6:1698927	SSF x Far_LoA	-9,333	-0,122	0,277
CHR6	1698937	CHR6:1698937	SSF x Far_LoA	-8,053	0,002	0,295
CHR6	1698988	CHR6:1698988	SSF x Far_LoA	-9,644	-0,122	0,288
CHR6	1698992	CHR6:1698992	SSF x Far_LoA	-8,341	0,009	0,298
CHR6	1699008	CHR6:1699008	SSF x Far_LoA	-5,714	-0,077	0,291
CHR6	1699022	CHR6:1699022	SSF x Far_LoA	-7,501	0,026	0,291
CHR6	1699028	CHR6:1699028	SSF x Far_LoA	-6,672	-0,076	0,297
CHR6	1699110	CHR6:1699110	SSF x Far_LoA	-5,357	-0,108	0,285
CHR6	1699152	CHR6:1699152	SSF x Far_LoA	-10,226	-0,051	0,287
CHR6	1699164	CHR6:1699164	SSF x Far_LoA	-8,977	0,050	0,298
CHR6	1699290	CHR6:1699290	SSF x Far_LoA	-11,468	-0,017	0,298
CHR6	17018233	CHR6:17018233	SSF x Far_LoA	-8,705	-0,010	0,284
CHR6	17018305	CHR6:17018305	SSF x Far_LoA	-10,387	0,117	0,296
CHR6	17018457	CHR6:17018457	SSF x Far_LoA	-9,356	-0,016	0,301
CHR6	17033885	CHR6:17033885	SSF x Far_LoA	-10,863	0,041	0,290
CHR6	17047725	CHR6:17047725	SSF x Far_LoA	-5,446	0,118	0,282
CHR6	1704773	CHR6:1704773	SSF x Far_LoA	-11,300	0,089	0,280
CHR6	1704777	CHR6:1704777	SSF x Far_LoA	-8,148	0,114	0,293
CHR6	1704820	CHR6:1704820	SSF x Far_LoA	-10,830	-0,050	0,292
CHR6	1704896	CHR6:1704896	SSF x Far_LoA	-7,453	-0,088	0,280
CHR6	1705026	CHR6:1705026	SSF x Far_LoA	-10,765	-0,032	0,284
CHR6	1706981	CHR6:1706981	SSF x Far_LoA	-9,351	0,050	0,284
CHR6	1707000	CHR6:1707000	SSF x Far_LoA	-9,644	0,047	0,295
CHR6	1707003	CHR6:1707003	SSF x Far_LoA	-9,962	0,126	0,288
CHR6	1707007	CHR6:1707007	SSF x Far_LoA	-8,892	0,064	0,281
CHR6	1707076	CHR6:1707076	SSF x Far_LoA	-9,430	0,001	0,294
CHR6	1707101	CHR6:1707101	SSF x Far_LoA	-11,261	-0,074	0,291
CHR6	1707204	CHR6:1707204	SSF x Far_LoA	-9,906	-0,052	0,286
CHR6	17073919	CHR6:17073919	SSF x Far_LoA	-10,959	0,139	0,283
CHR6	17076323	CHR6:17076323	SSF x Far_LoA	-5,426	-0,122	0,298
CHR6	17076513	CHR6:17076513	SSF x Far_LoA	-9,370	0,028	0,288
CHR6	17076532	CHR6:17076532	SSF x Far_LoA	-9,454	0,026	0,278
CHR6	17090892	CHR6:17090892	SSF x Far_LoA	-5,004	0,054	0,280
CHR6	17091015	CHR6:17091015	SSF x Far_LoA	-8,220	-0,058	0,279
CHR6	17107078	CHR6:17107078	SSF x Far_LoA	-8,386	-0,022	0,287
CHR6	17123286	CHR6:17123286	SSF x Far_LoA	-7,221	-0,120	0,296
CHR6	1715997	CHR6:1715997	SSF x Far_LoA	-11,121	0,058	0,286
CHR6	1716162	CHR6:1716162	SSF x Far_LoA	-8,510	0,024	0,296
CHR6	1716192	CHR6:1716192	SSF x Far_LoA	-8,396	0,019	0,288
CHR6	1716209	CHR6:1716209	SSF x Far_LoA	-7,795	-0,044	0,288
CHR6	1716212	CHR6:1716212	SSF x Far_LoA	-9,167	0,014	0,293
CHR6	17184570	CHR6:17184570	SSF x Far_LoA	-8,229	0,143	0,279
CHR6	17184741	CHR6:17184741	SSF x Far_LoA	-9,653	-0,049	0,296
CHR6	17184742	CHR6:17184742	SSF x Far_LoA	-9,250	-0,011	0,295
CHR6	17184743	CHR6:17184743	SSF x Far_LoA	-9,166	-0,018	0,298
CHR6	17184746	CHR6:17184746	SSF x Far_LoA	-7,347	-0,008	0,297
CHR6	17206640	CHR6:17206640	SSF x Far_LoA	-7,898	0,119	0,290

CHR6	1722716	CHR6:1722716	SSF x Far_LoA	-10,217	0,095	0,291
CHR6	17248379	CHR6:17248379	SSF x Far_LoA	-8,823	0,032	0,299
CHR6	17262260	CHR6:17262260	SSF x Far_LoA	-10,330	-0,099	0,288
CHR6	17262312	CHR6:17262312	SSF x Far_LoA	-8,346	-0,146	0,288
CHR6	1727431	CHR6:1727431	SSF x Far_LoA	-4,209	0,116	0,306
CHR6	17295172	CHR6:17295172	SSF x Far_LoA	-9,958	0,155	0,289
CHR6	172954	CHR6:172954	SSF x Far_LoA	-7,753	0,014	0,306
CHR6	173033	CHR6:173033	SSF x Far_LoA	-0,997	0,152	0,288
CHR6	1730560	CHR6:1730560	SSF x Far_LoA	-7,992	-0,036	0,303
CHR6	173072	CHR6:173072	SSF x Far_LoA	-10,614	0,137	0,282
CHR6	17310429	CHR6:17310429	SSF x Far_LoA	-9,747	-0,087	0,277
CHR6	17310496	CHR6:17310496	SSF x Far_LoA	-8,416	-0,048	0,276
CHR6	17310515	CHR6:17310515	SSF x Far_LoA	-9,242	-0,056	0,286
CHR6	17322564	CHR6:17322564	SSF x Far_LoA	-7,727	0,146	0,275
CHR6	17322605	CHR6:17322605	SSF x Far_LoA	-5,335	0,104	0,290
CHR6	17322629	CHR6:17322629	SSF x Far_LoA	-11,842	0,002	0,287
CHR6	17322637	CHR6:17322637	SSF x Far_LoA	-9,311	0,035	0,278
CHR6	17322654	CHR6:17322654	SSF x Far_LoA	-9,979	0,016	0,317
CHR6	17322658	CHR6:17322658	SSF x Far_LoA	-9,172	0,040	0,285
CHR6	17335575	CHR6:17335575	SSF x Far_LoA	-11,261	0,050	0,296
CHR6	17335577	CHR6:17335577	SSF x Far_LoA	-11,225	0,049	0,288
CHR6	17335608	CHR6:17335608	SSF x Far_LoA	-10,933	0,035	0,290
CHR6	17335625	CHR6:17335625	SSF x Far_LoA	-11,929	0,066	0,292
CHR6	17335655	CHR6:17335655	SSF x Far_LoA	-10,260	0,014	0,279
CHR6	17335663	CHR6:17335663	SSF x Far_LoA	-9,387	0,029	0,284
CHR6	17335666	CHR6:17335666	SSF x Far_LoA	-9,825	0,049	0,271
CHR6	17335668	CHR6:17335668	SSF x Far_LoA	-12,857	0,050	0,284
CHR6	17335678	CHR6:17335678	SSF x Far_LoA	-9,498	0,017	0,293
CHR6	17353891	CHR6:17353891	SSF x Far_LoA	-9,207	-0,059	0,302
CHR6	17354134	CHR6:17354134	SSF x Far_LoA	-8,836	0,005	0,296
CHR6	17354337	CHR6:17354337	SSF x Far_LoA	-11,466	-0,014	0,286
CHR6	17386045	CHR6:17386045	SSF x Far_LoA	-8,958	0,048	0,280
CHR6	17386139	CHR6:17386139	SSF x Far_LoA	-7,329	-0,069	0,288
CHR6	17386202	CHR6:17386202	SSF x Far_LoA	-8,385	0,112	0,277
CHR6	17407663	CHR6:17407663	SSF x Far_LoA	-8,825	-0,091	0,298
CHR6	17407684	CHR6:17407684	SSF x Far_LoA	-6,462	-0,164	0,302
CHR6	17407696	CHR6:17407696	SSF x Far_LoA	-9,719	-0,037	0,300
CHR6	17407772	CHR6:17407772	SSF x Far_LoA	-7,864	-0,148	0,288
CHR6	17422390	CHR6:17422390	SSF x Far_LoA	-5,479	0,058	0,300
CHR6	17422455	CHR6:17422455	SSF x Far_LoA	-6,533	-0,039	0,305
CHR6	17422562	CHR6:17422562	SSF x Far_LoA	-7,254	-0,118	0,289
CHR6	17427042	CHR6:17427042	SSF x Far_LoA	-11,996	0,010	0,289
CHR6	17437644	CHR6:17437644	SSF x Far_LoA	-9,679	-0,022	0,304
CHR6	17437788	CHR6:17437788	SSF x Far_LoA	-10,356	-0,049	0,295
CHR6	1744599	CHR6:1744599	SSF x Far_LoA	-7,486	0,088	0,286
CHR6	1744704	CHR6:1744704	SSF x Far_LoA	-9,814	-0,092	0,294
CHR6	1744713	CHR6:1744713	SSF x Far_LoA	-7,770	-0,060	0,293
CHR6	1744729	CHR6:1744729	SSF x Far_LoA	-10,753	-0,056	0,295
CHR6	1744734	CHR6:1744734	SSF x Far_LoA	-9,318	-0,115	0,304
CHR6	1744818	CHR6:1744818	SSF x Far_LoA	-9,357	0,086	0,282
CHR6	1744827	CHR6:1744827	SSF x Far_LoA	-9,116	0,027	0,300
CHR6	17457357	CHR6:17457357	SSF x Far_LoA	-9,303	-0,018	0,295
CHR6	17475856	CHR6:17475856	SSF x Far_LoA	-8,601	0,067	0,283

CHR6	17475941	CHR6:17475941	SSF x Far_LoA	-8,951	-0,041	0,271
CHR6	17521756	CHR6:17521756	SSF x Far_LoA	-10,929	-0,061	0,291
CHR6	17521863	CHR6:17521863	SSF x Far_LoA	-8,110	-0,135	0,278
CHR6	17522051	CHR6:17522051	SSF x Far_LoA	-6,435	-0,098	0,290
CHR6	17553342	CHR6:17553342	SSF x Far_LoA	-9,535	0,110	0,304
CHR6	17577128	CHR6:17577128	SSF x Far_LoA	-4,327	-0,051	0,290
CHR6	17577214	CHR6:17577214	SSF x Far_LoA	-9,577	-0,059	0,280
CHR6	17577258	CHR6:17577258	SSF x Far_LoA	-10,123	-0,121	0,277
CHR6	17577326	CHR6:17577326	SSF x Far_LoA	-9,652	-0,052	0,286
CHR6	1759243	CHR6:1759243	SSF x Far_LoA	-2,792	-0,186	0,298
CHR6	1759292	CHR6:1759292	SSF x Far_LoA	-9,649	0,026	0,280
CHR6	1759330	CHR6:1759330	SSF x Far_LoA	-8,876	0,044	0,297
CHR6	1759379	CHR6:1759379	SSF x Far_LoA	-10,102	-0,038	0,290
CHR6	1759487	CHR6:1759487	SSF x Far_LoA	-11,311	0,059	0,281
CHR6	17620639	CHR6:17620639	SSF x Far_LoA	-6,444	0,170	0,262
CHR6	1763603	CHR6:1763603	SSF x Far_LoA	-11,297	0,009	0,280
CHR6	1763697	CHR6:1763697	SSF x Far_LoA	-3,909	-0,104	0,289
CHR6	1763837	CHR6:1763837	SSF x Far_LoA	-10,624	-0,038	0,299
CHR6	1763859	CHR6:1763859	SSF x Far_LoA	-9,792	-0,070	0,277
CHR6	17640505	CHR6:17640505	SSF x Far_LoA	-10,067	-0,043	0,292
CHR6	17640571	CHR6:17640571	SSF x Far_LoA	-10,128	0,005	0,296
CHR6	1769422	CHR6:1769422	SSF x Far_LoA	-9,659	0,046	0,298
CHR6	17717613	CHR6:17717613	SSF x Far_LoA	-8,197	0,062	0,277
CHR6	17722587	CHR6:17722587	SSF x Far_LoA	-11,205	0,057	0,300
CHR6	17747250	CHR6:17747250	SSF x Far_LoA	0,448	-0,110	0,293
CHR6	17747325	CHR6:17747325	SSF x Far_LoA	-7,549	0,124	0,298
CHR6	17761405	CHR6:17761405	SSF x Far_LoA	-7,949	0,013	0,291
CHR6	1777487	CHR6:1777487	SSF x Far_LoA	-7,245	-0,124	0,286
CHR6	1777496	CHR6:1777496	SSF x Far_LoA	-6,098	-0,119	0,297
CHR6	1777503	CHR6:1777503	SSF x Far_LoA	-7,769	-0,113	0,282
CHR6	1777504	CHR6:1777504	SSF x Far_LoA	-7,484	-0,124	0,283
CHR6	1778634	CHR6:1778634	SSF x Far_LoA	-8,720	-0,025	0,305
CHR6	1778720	CHR6:1778720	SSF x Far_LoA	-8,599	-0,084	0,293
CHR6	1778791	CHR6:1778791	SSF x Far_LoA	-10,115	-0,041	0,284
CHR6	1778798	CHR6:1778798	SSF x Far_LoA	-10,171	0,032	0,301
CHR6	1778819	CHR6:1778819	SSF x Far_LoA	-9,177	-0,013	0,285
CHR6	17789955	CHR6:17789955	SSF x Far_LoA	-8,539	-0,038	0,293
CHR6	17790139	CHR6:17790139	SSF x Far_LoA	-8,766	-0,030	0,284
CHR6	17801507	CHR6:17801507	SSF x Far_LoA	-9,392	-0,080	0,281
CHR6	17801525	CHR6:17801525	SSF x Far_LoA	-5,727	0,037	0,299
CHR6	17801547	CHR6:17801547	SSF x Far_LoA	-10,500	0,112	0,274
CHR6	17801591	CHR6:17801591	SSF x Far_LoA	-10,809	-0,019	0,292
CHR6	17801684	CHR6:17801684	SSF x Far_LoA	-9,814	-0,006	0,278
CHR6	17837100	CHR6:17837100	SSF x Far_LoA	-9,059	0,020	0,279
CHR6	17842340	CHR6:17842340	SSF x Far_LoA	-9,556	-0,056	0,298
CHR6	1785989	CHR6:1785989	SSF x Far_LoA	-9,629	-0,006	0,280
CHR6	1786145	CHR6:1786145	SSF x Far_LoA	-11,375	-0,076	0,289
CHR6	17887055	CHR6:17887055	SSF x Far_LoA	-9,710	0,054	0,281
CHR6	17887071	CHR6:17887071	SSF x Far_LoA	-7,723	-0,071	0,285
CHR6	17887239	CHR6:17887239	SSF x Far_LoA	-7,087	0,005	0,291
CHR6	1797924	CHR6:1797924	SSF x Far_LoA	-11,334	-0,008	0,289
CHR6	1798771	CHR6:1798771	SSF x Far_LoA	-8,895	0,014	0,297
CHR6	1799610	CHR6:1799610	SSF x Far_LoA	-8,575	-0,051	0,287

CHR6	1799749	CHR6:1799749	SSF x Far_LoA	-8,696	-0,079	0,281
CHR6	1802740	CHR6:1802740	SSF x Far_LoA	-8,162	-0,061	0,287
CHR6	1802963	CHR6:1802963	SSF x Far_LoA	-10,637	0,051	0,282
CHR6	1809974	CHR6:1809974	SSF x Far_LoA	-9,834	0,160	0,278
CHR6	1810003	CHR6:1810003	SSF x Far_LoA	-9,728	0,151	0,289
CHR6	1810005	CHR6:1810005	SSF x Far_LoA	-11,172	0,131	0,275
CHR6	1810008	CHR6:1810008	SSF x Far_LoA	-7,234	0,164	0,274
CHR6	1818456	CHR6:1818456	SSF x Far_LoA	-9,710	-0,175	0,280
CHR6	1828067	CHR6:1828067	SSF x Far_LoA	-10,146	-0,029	0,295
CHR6	1828295	CHR6:1828295	SSF x Far_LoA	-8,545	0,061	0,285
CHR6	1834916	CHR6:1834916	SSF x Far_LoA	-8,604	-0,074	0,302
CHR6	1835042	CHR6:1835042	SSF x Far_LoA	-3,088	0,131	0,286
CHR6	1835129	CHR6:1835129	SSF x Far_LoA	-11,058	0,036	0,291
CHR6	1835162	CHR6:1835162	SSF x Far_LoA	-5,375	-0,041	0,301
CHR6	1835240	CHR6:1835240	SSF x Far_LoA	-11,672	-0,061	0,285
CHR6	1835250	CHR6:1835250	SSF x Far_LoA	-7,549	-0,083	0,291
CHR6	1835277	CHR6:1835277	SSF x Far_LoA	-10,002	0,052	0,287
CHR6	1864317	CHR6:1864317	SSF x Far_LoA	-9,945	-0,032	0,279
CHR6	1864330	CHR6:1864330	SSF x Far_LoA	-9,603	-0,008	0,295
CHR6	1868763	CHR6:1868763	SSF x Far_LoA	-8,711	0,089	0,293
CHR6	1868770	CHR6:1868770	SSF x Far_LoA	-9,804	-0,045	0,302
CHR6	1875588	CHR6:1875588	SSF x Far_LoA	-4,150	-0,158	0,285
CHR6	1875591	CHR6:1875591	SSF x Far_LoA	-3,845	-0,177	0,273
CHR6	1878150	CHR6:1878150	SSF x Far_LoA	-11,013	-0,021	0,304
CHR6	1878241	CHR6:1878241	SSF x Far_LoA	-12,320	-0,029	0,297
CHR6	1879378	CHR6:1879378	SSF x Far_LoA	-10,350	-0,012	0,289
CHR6	1879482	CHR6:1879482	SSF x Far_LoA	-5,299	0,005	0,305
CHR6	1890115	CHR6:1890115	SSF x Far_LoA	-7,711	-0,106	0,289
CHR6	1900931	CHR6:1900931	SSF x Far_LoA	-9,228	-0,115	0,285
CHR6	1901098	CHR6:1901098	SSF x Far_LoA	-2,026	0,155	0,293
CHR6	1901104	CHR6:1901104	SSF x Far_LoA	-9,981	0,022	0,279
CHR6	1901114	CHR6:1901114	SSF x Far_LoA	-9,159	0,023	0,257
CHR6	1901176	CHR6:1901176	SSF x Far_LoA	-8,390	-0,009	0,300
CHR6	1901177	CHR6:1901177	SSF x Far_LoA	-10,217	-0,017	0,302
CHR6	1901178	CHR6:1901178	SSF x Far_LoA	-8,652	-0,053	0,290
CHR6	1901189	CHR6:1901189	SSF x Far_LoA	3,352	-0,154	0,286
CHR6	1901242	CHR6:1901242	SSF x Far_LoA	-11,728	-0,044	0,290
CHR6	1910039	CHR6:1910039	SSF x Far_LoA	-10,942	0,016	0,289
CHR6	1910164	CHR6:1910164	SSF x Far_LoA	-8,256	-0,168	0,287
CHR6	1910176	CHR6:1910176	SSF x Far_LoA	-10,408	-0,065	0,300
CHR6	1910184	CHR6:1910184	SSF x Far_LoA	-10,840	-0,024	0,299
CHR6	1910219	CHR6:1910219	SSF x Far_LoA	-5,718	-0,245	0,275
CHR6	1932518	CHR6:1932518	SSF x Far_LoA	-8,688	0,161	0,285
CHR6	197848	CHR6:197848	SSF x Far_LoA	-9,506	-0,018	0,289
CHR6	1985507	CHR6:1985507	SSF x Far_LoA	-7,707	0,110	0,271
CHR6	1985648	CHR6:1985648	SSF x Far_LoA	-7,224	-0,139	0,277
CHR6	1986877	CHR6:1986877	SSF x Far_LoA	-9,855	0,039	0,288
CHR6	1986904	CHR6:1986904	SSF x Far_LoA	-9,476	0,044	0,286
CHR6	1986958	CHR6:1986958	SSF x Far_LoA	-6,767	-0,086	0,286
CHR6	1986980	CHR6:1986980	SSF x Far_LoA	-7,997	-0,007	0,280
CHR6	1992412	CHR6:1992412	SSF x Far_LoA	-4,576	0,201	0,287
CHR6	1992414	CHR6:1992414	SSF x Far_LoA	-6,827	0,199	0,274
CHR6	1992418	CHR6:1992418	SSF x Far_LoA	-6,639	0,204	0,279

CHR6	1992429	CHR6:1992429	SSF x Far_LoA	-5,948	0,212	0,296
CHR6	2000624	CHR6:2000624	SSF x Far_LoA	-8,257	-0,039	0,285
CHR6	2000711	CHR6:2000711	SSF x Far_LoA	-10,866	0,110	0,284
CHR6	2000728	CHR6:2000728	SSF x Far_LoA	-8,582	0,026	0,288
CHR6	2003560	CHR6:2003560	SSF x Far_LoA	-9,358	-0,005	0,286
CHR6	2003565	CHR6:2003565	SSF x Far_LoA	-9,292	-0,129	0,294
CHR6	2003574	CHR6:2003574	SSF x Far_LoA	-9,889	0,093	0,299
CHR6	2003663	CHR6:2003663	SSF x Far_LoA	-9,956	-0,057	0,285
CHR6	2003666	CHR6:2003666	SSF x Far_LoA	-6,972	-0,070	0,310
CHR6	2003670	CHR6:2003670	SSF x Far_LoA	-8,460	0,005	0,301
CHR6	2003695	CHR6:2003695	SSF x Far_LoA	-8,542	-0,133	0,289
CHR6	2003806	CHR6:2003806	SSF x Far_LoA	-11,490	-0,007	0,282
CHR6	2003868	CHR6:2003868	SSF x Far_LoA	-9,127	0,058	0,286
CHR6	2003877	CHR6:2003877	SSF x Far_LoA	-8,548	-0,015	0,292
CHR6	2003880	CHR6:2003880	SSF x Far_LoA	-9,190	0,051	0,293
CHR6	2018783	CHR6:2018783	SSF x Far_LoA	-11,405	-0,023	0,275
CHR6	2019048	CHR6:2019048	SSF x Far_LoA	-9,452	-0,034	0,291
CHR6	2025927	CHR6:2025927	SSF x Far_LoA	-7,388	-0,049	0,287
CHR6	2026028	CHR6:2026028	SSF x Far_LoA	-11,231	-0,009	0,296
CHR6	2026057	CHR6:2026057	SSF x Far_LoA	-9,051	-0,059	0,284
CHR6	2031251	CHR6:2031251	SSF x Far_LoA	-9,144	-0,061	0,291
CHR6	2037843	CHR6:2037843	SSF x Far_LoA	-10,718	0,080	0,292
CHR6	2037893	CHR6:2037893	SSF x Far_LoA	-8,848	0,083	0,300
CHR6	2037959	CHR6:2037959	SSF x Far_LoA	-9,803	0,023	0,287
CHR6	2043504	CHR6:2043504	SSF x Far_LoA	-11,469	0,000	0,294
CHR6	2043517	CHR6:2043517	SSF x Far_LoA	-10,449	0,047	0,278
CHR6	2043544	CHR6:2043544	SSF x Far_LoA	-10,068	-0,090	0,285
CHR6	2043581	CHR6:2043581	SSF x Far_LoA	-10,743	-0,006	0,297
CHR6	2043656	CHR6:2043656	SSF x Far_LoA	-8,896	0,112	0,289
CHR6	2043739	CHR6:2043739	SSF x Far_LoA	-5,550	0,186	0,287
CHR6	2043774	CHR6:2043774	SSF x Far_LoA	-8,857	0,107	0,269
CHR6	2049030	CHR6:2049030	SSF x Far_LoA	-11,048	-0,097	0,296
CHR6	2049087	CHR6:2049087	SSF x Far_LoA	-9,444	-0,068	0,287
CHR6	2049122	CHR6:2049122	SSF x Far_LoA	-9,197	0,058	0,294
CHR6	2049154	CHR6:2049154	SSF x Far_LoA	-8,587	-0,092	0,309
CHR6	2049155	CHR6:2049155	SSF x Far_LoA	-11,429	-0,054	0,299
CHR6	2049157	CHR6:2049157	SSF x Far_LoA	-9,700	-0,052	0,303
CHR6	2055612	CHR6:2055612	SSF x Far_LoA	-8,965	-0,079	0,302
CHR6	2055614	CHR6:2055614	SSF x Far_LoA	-12,033	-0,017	0,291
CHR6	2055709	CHR6:2055709	SSF x Far_LoA	-8,787	0,050	0,301
CHR6	2055775	CHR6:2055775	SSF x Far_LoA	-10,066	-0,044	0,292
CHR6	2055781	CHR6:2055781	SSF x Far_LoA	-9,279	-0,109	0,291
CHR6	2055802	CHR6:2055802	SSF x Far_LoA	1,020	-0,095	0,278
CHR6	2081749	CHR6:2081749	SSF x Far_LoA	-11,128	0,030	0,300
CHR6	2107576	CHR6:2107576	SSF x Far_LoA	-2,892	0,034	0,311
CHR6	212298	CHR6:212298	SSF x Far_LoA	-11,267	0,034	0,294
CHR6	212352	CHR6:212352	SSF x Far_LoA	-9,416	0,097	0,273
CHR6	2130660	CHR6:2130660	SSF x Far_LoA	-8,891	0,059	0,294
CHR6	21328664	CHR6:21328664	SSF x Far_LoA	-9,397	-0,001	0,303
CHR6	21328837	CHR6:21328837	SSF x Far_LoA	-6,046	-0,060	0,310
CHR6	2133928	CHR6:2133928	SSF x Far_LoA	-9,407	0,007	0,311
CHR6	2134113	CHR6:2134113	SSF x Far_LoA	-10,839	-0,050	0,299
CHR6	2134154	CHR6:2134154	SSF x Far_LoA	-8,481	-0,098	0,285

CHR6	21345341	CHR6:21345341	SSF x Far_LoA	-9,986	-0,062	0,283
CHR6	21345532	CHR6:21345532	SSF x Far_LoA	-9,522	-0,061	0,300
CHR6	21359169	CHR6:21359169	SSF x Far_LoA	-10,731	0,030	0,289
CHR6	21359176	CHR6:21359176	SSF x Far_LoA	-10,685	0,026	0,296
CHR6	21359259	CHR6:21359259	SSF x Far_LoA	-11,168	0,011	0,291
CHR6	21361615	CHR6:21361615	SSF x Far_LoA	-10,734	0,019	0,296
CHR6	21372586	CHR6:21372586	SSF x Far_LoA	-11,331	0,008	0,302
CHR6	21372646	CHR6:21372646	SSF x Far_LoA	-7,703	-0,124	0,286
CHR6	21398745	CHR6:21398745	SSF x Far_LoA	-3,300	-0,179	0,293
CHR6	21398748	CHR6:21398748	SSF x Far_LoA	-11,511	0,074	0,269
CHR6	21398813	CHR6:21398813	SSF x Far_LoA	-8,408	0,106	0,279
CHR6	21411091	CHR6:21411091	SSF x Far_LoA	-8,923	0,052	0,310
CHR6	21420460	CHR6:21420460	SSF x Far_LoA	-8,578	-0,038	0,288
CHR6	21420517	CHR6:21420517	SSF x Far_LoA	-9,054	0,011	0,301
CHR6	21420611	CHR6:21420611	SSF x Far_LoA	-10,144	-0,079	0,292
CHR6	21420687	CHR6:21420687	SSF x Far_LoA	-10,845	-0,031	0,295
CHR6	21423313	CHR6:21423313	SSF x Far_LoA	-9,537	-0,099	0,298
CHR6	21423353	CHR6:21423353	SSF x Far_LoA	-4,931	0,115	0,288
CHR6	21423370	CHR6:21423370	SSF x Far_LoA	-11,703	-0,028	0,291
CHR6	21423393	CHR6:21423393	SSF x Far_LoA	-9,080	0,044	0,289
CHR6	21423601	CHR6:21423601	SSF x Far_LoA	-11,587	0,021	0,296
CHR6	21443884	CHR6:21443884	SSF x Far_LoA	-11,799	-0,005	0,279
CHR6	21443951	CHR6:21443951	SSF x Far_LoA	-8,886	0,047	0,282
CHR6	21443976	CHR6:21443976	SSF x Far_LoA	-5,222	0,152	0,272
CHR6	21443991	CHR6:21443991	SSF x Far_LoA	-6,659	0,083	0,282
CHR6	21444238	CHR6:21444238	SSF x Far_LoA	-9,531	0,019	0,296
CHR6	21444266	CHR6:21444266	SSF x Far_LoA	-6,919	-0,016	0,301
CHR6	21444344	CHR6:21444344	SSF x Far_LoA	-9,982	0,026	0,288
CHR6	21444361	CHR6:21444361	SSF x Far_LoA	-9,016	0,080	0,296
CHR6	21444364	CHR6:21444364	SSF x Far_LoA	-11,550	0,092	0,274
CHR6	21444366	CHR6:21444366	SSF x Far_LoA	-11,991	0,085	0,287
CHR6	21444367	CHR6:21444367	SSF x Far_LoA	-11,012	0,071	0,294
CHR6	21465201	CHR6:21465201	SSF x Far_LoA	-8,853	0,035	0,295
CHR6	21465291	CHR6:21465291	SSF x Far_LoA	-10,058	0,062	0,288
CHR6	21470777	CHR6:21470777	SSF x Far_LoA	-9,417	-0,139	0,282
CHR6	21470879	CHR6:21470879	SSF x Far_LoA	-10,026	0,040	0,279
CHR6	21470915	CHR6:21470915	SSF x Far_LoA	-9,031	0,008	0,296
CHR6	21470916	CHR6:21470916	SSF x Far_LoA	-8,924	-0,083	0,291
CHR6	21470926	CHR6:21470926	SSF x Far_LoA	-11,416	0,027	0,289
CHR6	21470934	CHR6:21470934	SSF x Far_LoA	-8,854	-0,083	0,285
CHR6	21470938	CHR6:21470938	SSF x Far_LoA	-8,627	-0,080	0,291
CHR6	21470940	CHR6:21470940	SSF x Far_LoA	-8,458	-0,087	0,297
CHR6	21470954	CHR6:21470954	SSF x Far_LoA	-10,735	0,057	0,300
CHR6	21514404	CHR6:21514404	SSF x Far_LoA	-8,116	0,133	0,286
CHR6	21514525	CHR6:21514525	SSF x Far_LoA	-10,070	0,095	0,296
CHR6	21514551	CHR6:21514551	SSF x Far_LoA	-8,728	-0,011	0,298
CHR6	21514552	CHR6:21514552	SSF x Far_LoA	-9,065	-0,012	0,305
CHR6	21514594	CHR6:21514594	SSF x Far_LoA	-11,451	0,088	0,280
CHR6	21553991	CHR6:21553991	SSF x Far_LoA	-10,474	0,021	0,286
CHR6	21554037	CHR6:21554037	SSF x Far_LoA	-11,919	-0,030	0,292
CHR6	21554157	CHR6:21554157	SSF x Far_LoA	-10,564	0,093	0,281
CHR6	21570051	CHR6:21570051	SSF x Far_LoA	-11,395	0,021	0,280
CHR6	21570075	CHR6:21570075	SSF x Far_LoA	-8,546	0,128	0,275

CHR6	21583846	CHR6:21583846	SSF x Far_LoA	-9,156	0,058	0,279
CHR6	21584060	CHR6:21584060	SSF x Far_LoA	-9,984	-0,019	0,302
CHR6	21592522	CHR6:21592522	SSF x Far_LoA	-11,386	-0,080	0,294
CHR6	21592595	CHR6:21592595	SSF x Far_LoA	-9,155	-0,063	0,296
CHR6	21592625	CHR6:21592625	SSF x Far_LoA	-11,096	-0,060	0,288
CHR6	21592646	CHR6:21592646	SSF x Far_LoA	-8,786	0,014	0,296
CHR6	21592716	CHR6:21592716	SSF x Far_LoA	-9,907	0,017	0,268
CHR6	21592740	CHR6:21592740	SSF x Far_LoA	-9,806	-0,053	0,274
CHR6	21592777	CHR6:21592777	SSF x Far_LoA	-9,141	-0,076	0,269
CHR6	21594635	CHR6:21594635	SSF x Far_LoA	-10,001	-0,027	0,287
CHR6	21594769	CHR6:21594769	SSF x Far_LoA	-8,870	-0,098	0,292
CHR6	21594951	CHR6:21594951	SSF x Far_LoA	-11,211	-0,016	0,270
CHR6	21615918	CHR6:21615918	SSF x Far_LoA	-9,921	-0,120	0,269
CHR6	21616148	CHR6:21616148	SSF x Far_LoA	-9,515	0,045	0,286
CHR6	21624797	CHR6:21624797	SSF x Far_LoA	-8,321	0,028	0,293
CHR6	21624859	CHR6:21624859	SSF x Far_LoA	-9,110	-0,045	0,290
CHR6	2163242	CHR6:2163242	SSF x Far_LoA	-8,448	0,081	0,301
CHR6	21645234	CHR6:21645234	SSF x Far_LoA	-9,009	0,117	0,286
CHR6	21645275	CHR6:21645275	SSF x Far_LoA	-10,302	0,036	0,277
CHR6	21645287	CHR6:21645287	SSF x Far_LoA	-10,820	0,019	0,298
CHR6	21646966	CHR6:21646966	SSF x Far_LoA	-9,460	-0,046	0,293
CHR6	21646969	CHR6:21646969	SSF x Far_LoA	-6,580	0,047	0,287
CHR6	21646995	CHR6:21646995	SSF x Far_LoA	-5,543	-0,029	0,293
CHR6	21647096	CHR6:21647096	SSF x Far_LoA	-10,024	-0,063	0,283
CHR6	21654823	CHR6:21654823	SSF x Far_LoA	-11,746	0,039	0,302
CHR6	21663429	CHR6:21663429	SSF x Far_LoA	-10,465	-0,041	0,295
CHR6	21663585	CHR6:21663585	SSF x Far_LoA	-9,477	0,094	0,297
CHR6	21663595	CHR6:21663595	SSF x Far_LoA	-9,577	-0,119	0,300
CHR6	21663613	CHR6:21663613	SSF x Far_LoA	-9,611	0,110	0,274
CHR6	21663628	CHR6:21663628	SSF x Far_LoA	-8,300	-0,064	0,292
CHR6	21720007	CHR6:21720007	SSF x Far_LoA	-3,067	0,120	0,300
CHR6	21720034	CHR6:21720034	SSF x Far_LoA	-8,380	0,123	0,274
CHR6	21720039	CHR6:21720039	SSF x Far_LoA	-12,274	-0,036	0,275
CHR6	21720080	CHR6:21720080	SSF x Far_LoA	-9,556	0,022	0,277
CHR6	21720135	CHR6:21720135	SSF x Far_LoA	-7,872	0,138	0,288
CHR6	21720144	CHR6:21720144	SSF x Far_LoA	-7,894	0,156	0,279
CHR6	21720206	CHR6:21720206	SSF x Far_LoA	-4,848	0,202	0,273
CHR6	21720300	CHR6:21720300	SSF x Far_LoA	-7,551	0,135	0,290
CHR6	21720387	CHR6:21720387	SSF x Far_LoA	-7,688	0,122	0,306
CHR6	21744722	CHR6:21744722	SSF x Far_LoA	-8,931	-0,078	0,277
CHR6	21744749	CHR6:21744749	SSF x Far_LoA	-11,085	-0,092	0,287
CHR6	21744815	CHR6:21744815	SSF x Far_LoA	-0,224	0,070	0,287
CHR6	21744894	CHR6:21744894	SSF x Far_LoA	-10,479	0,014	0,288
CHR6	21744911	CHR6:21744911	SSF x Far_LoA	-7,933	-0,127	0,296
CHR6	21744912	CHR6:21744912	SSF x Far_LoA	-7,776	-0,072	0,296
CHR6	21744913	CHR6:21744913	SSF x Far_LoA	-10,028	-0,029	0,289
CHR6	21744966	CHR6:21744966	SSF x Far_LoA	-9,965	-0,075	0,305
CHR6	21744982	CHR6:21744982	SSF x Far_LoA	-9,018	-0,031	0,303
CHR6	21811623	CHR6:21811623	SSF x Far_LoA	-8,221	0,055	0,291
CHR6	21811646	CHR6:21811646	SSF x Far_LoA	-10,956	0,041	0,290
CHR6	21811694	CHR6:21811694	SSF x Far_LoA	-6,615	0,097	0,285
CHR6	21811753	CHR6:21811753	SSF x Far_LoA	-8,062	-0,104	0,295
CHR6	21811801	CHR6:21811801	SSF x Far_LoA	-9,349	-0,026	0,293

CHR6	21819049	CHR6:21819049	SSF x Far_LoA	-10,264	0,076	0,281
CHR6	21819382	CHR6:21819382	SSF x Far_LoA	-4,280	-0,008	0,290
CHR6	21819441	CHR6:21819441	SSF x Far_LoA	-9,366	-0,003	0,302
CHR6	2182278	CHR6:2182278	SSF x Far_LoA	0,557	-0,071	0,293
CHR6	2182290	CHR6:2182290	SSF x Far_LoA	-9,885	-0,019	0,294
CHR6	2182306	CHR6:2182306	SSF x Far_LoA	-9,763	0,039	0,297
CHR6	21828720	CHR6:21828720	SSF x Far_LoA	-10,048	0,086	0,289
CHR6	21828755	CHR6:21828755	SSF x Far_LoA	-9,167	0,078	0,300
CHR6	21828779	CHR6:21828779	SSF x Far_LoA	-2,669	0,109	0,295
CHR6	21833691	CHR6:21833691	SSF x Far_LoA	-9,303	-0,116	0,301
CHR6	21833783	CHR6:21833783	SSF x Far_LoA	-12,002	0,045	0,291
CHR6	21840691	CHR6:21840691	SSF x Far_LoA	-10,369	0,070	0,267
CHR6	21847644	CHR6:21847644	SSF x Far_LoA	-10,450	-0,040	0,290
CHR6	21847777	CHR6:21847777	SSF x Far_LoA	-9,289	0,061	0,289
CHR6	21847840	CHR6:21847840	SSF x Far_LoA	-11,440	0,007	0,302
CHR6	21847960	CHR6:21847960	SSF x Far_LoA	-8,662	-0,081	0,290
CHR6	21847968	CHR6:21847968	SSF x Far_LoA	-9,503	0,001	0,283
CHR6	21849481	CHR6:21849481	SSF x Far_LoA	-9,313	0,017	0,289
CHR6	21849522	CHR6:21849522	SSF x Far_LoA	-5,063	-0,081	0,314
CHR6	21849579	CHR6:21849579	SSF x Far_LoA	-7,497	-0,168	0,281
CHR6	21865963	CHR6:21865963	SSF x Far_LoA	-11,471	0,068	0,272
CHR6	21866021	CHR6:21866021	SSF x Far_LoA	-7,532	0,052	0,282
CHR6	21866027	CHR6:21866027	SSF x Far_LoA	-8,509	0,113	0,295
CHR6	21897611	CHR6:21897611	SSF x Far_LoA	-9,508	-0,006	0,295
CHR6	21897663	CHR6:21897663	SSF x Far_LoA	-7,960	0,009	0,306
CHR6	21897697	CHR6:21897697	SSF x Far_LoA	-10,698	-0,006	0,295
CHR6	21901156	CHR6:21901156	SSF x Far_LoA	-7,192	-0,079	0,285
CHR6	2190578	CHR6:2190578	SSF x Far_LoA	1,130	0,155	0,296
CHR6	2190590	CHR6:2190590	SSF x Far_LoA	-10,460	-0,061	0,303
CHR6	2190747	CHR6:2190747	SSF x Far_LoA	-7,303	-0,067	0,297
CHR6	2190772	CHR6:2190772	SSF x Far_LoA	-9,986	0,123	0,285
CHR6	2190781	CHR6:2190781	SSF x Far_LoA	-7,220	-0,067	0,283
CHR6	2190795	CHR6:2190795	SSF x Far_LoA	-11,373	0,053	0,282
CHR6	2190802	CHR6:2190802	SSF x Far_LoA	-10,320	0,027	0,298
CHR6	2190806	CHR6:2190806	SSF x Far_LoA	-8,774	-0,048	0,305
CHR6	2190841	CHR6:2190841	SSF x Far_LoA	-9,715	-0,040	0,282
CHR6	2190876	CHR6:2190876	SSF x Far_LoA	-10,227	-0,079	0,283
CHR6	21910795	CHR6:21910795	SSF x Far_LoA	-10,614	0,022	0,291
CHR6	21910822	CHR6:21910822	SSF x Far_LoA	-10,865	0,079	0,293
CHR6	21911642	CHR6:21911642	SSF x Far_LoA	-12,076	0,005	0,285
CHR6	21924983	CHR6:21924983	SSF x Far_LoA	-7,811	-0,106	0,292
CHR6	21924985	CHR6:21924985	SSF x Far_LoA	-7,891	-0,088	0,301
CHR6	21925004	CHR6:21925004	SSF x Far_LoA	-8,498	-0,003	0,290
CHR6	21925045	CHR6:21925045	SSF x Far_LoA	-5,038	-0,102	0,295
CHR6	21925081	CHR6:21925081	SSF x Far_LoA	-5,567	-0,135	0,301
CHR6	21925114	CHR6:21925114	SSF x Far_LoA	-8,442	-0,097	0,303
CHR6	21925148	CHR6:21925148	SSF x Far_LoA	-11,123	0,071	0,299
CHR6	21925209	CHR6:21925209	SSF x Far_LoA	-10,853	-0,068	0,281
CHR6	21935953	CHR6:21935953	SSF x Far_LoA	-7,760	0,162	0,292
CHR6	21936088	CHR6:21936088	SSF x Far_LoA	-9,857	0,018	0,297
CHR6	21968255	CHR6:21968255	SSF x Far_LoA	-8,652	0,135	0,271
CHR6	21968267	CHR6:21968267	SSF x Far_LoA	-9,290	-0,105	0,297
CHR6	21977587	CHR6:21977587	SSF x Far_LoA	-10,034	0,046	0,293

CHR6	22000244	CHR6:22000244	SSF x Far_LoA	-8,104	0,067	0,286
CHR6	22006169	CHR6:22006169	SSF x Far_LoA	-8,729	0,045	0,294
CHR6	22006329	CHR6:22006329	SSF x Far_LoA	-9,582	-0,098	0,298
CHR6	22010096	CHR6:22010096	SSF x Far_LoA	-7,850	-0,114	0,278
CHR6	22010100	CHR6:22010100	SSF x Far_LoA	-9,231	0,022	0,285
CHR6	22010104	CHR6:22010104	SSF x Far_LoA	-9,666	-0,065	0,279
CHR6	22023060	CHR6:22023060	SSF x Far_LoA	-7,378	0,109	0,279
CHR6	22023071	CHR6:22023071	SSF x Far_LoA	-8,048	-0,004	0,291
CHR6	22023269	CHR6:22023269	SSF x Far_LoA	-7,123	-0,178	0,287
CHR6	22027374	CHR6:22027374	SSF x Far_LoA	-9,839	0,014	0,284
CHR6	22029485	CHR6:22029485	SSF x Far_LoA	-11,450	0,028	0,281
CHR6	22029726	CHR6:22029726	SSF x Far_LoA	-10,213	-0,006	0,289
CHR6	22030824	CHR6:22030824	SSF x Far_LoA	-7,241	0,150	0,297
CHR6	22032989	CHR6:22032989	SSF x Far_LoA	-10,048	-0,028	0,295
CHR6	22068107	CHR6:22068107	SSF x Far_LoA	-10,260	-0,084	0,287
CHR6	22068184	CHR6:22068184	SSF x Far_LoA	-9,237	-0,029	0,292
CHR6	22097063	CHR6:22097063	SSF x Far_LoA	-9,736	0,015	0,290
CHR6	22097098	CHR6:22097098	SSF x Far_LoA	-8,282	0,021	0,277
CHR6	22097183	CHR6:22097183	SSF x Far_LoA	-10,317	-0,029	0,290
CHR6	22097184	CHR6:22097184	SSF x Far_LoA	-8,604	-0,049	0,267
CHR6	22097216	CHR6:22097216	SSF x Far_LoA	-10,958	0,048	0,284
CHR6	22106275	CHR6:22106275	SSF x Far_LoA	-8,503	0,007	0,305
CHR6	22110147	CHR6:22110147	SSF x Far_LoA	-8,569	0,009	0,285
CHR6	22110173	CHR6:22110173	SSF x Far_LoA	-9,433	0,004	0,289
CHR6	22110185	CHR6:22110185	SSF x Far_LoA	-8,904	-0,045	0,281
CHR6	22115907	CHR6:22115907	SSF x Far_LoA	-8,115	0,094	0,298
CHR6	22116153	CHR6:22116153	SSF x Far_LoA	-10,076	-0,074	0,291
CHR6	22116156	CHR6:22116156	SSF x Far_LoA	-8,712	-0,028	0,286
CHR6	22119199	CHR6:22119199	SSF x Far_LoA	-7,920	0,089	0,300
CHR6	22119201	CHR6:22119201	SSF x Far_LoA	-7,942	0,111	0,298
CHR6	22119432	CHR6:22119432	SSF x Far_LoA	-8,660	0,057	0,294
CHR6	22119469	CHR6:22119469	SSF x Far_LoA	-10,054	0,048	0,297
CHR6	22119496	CHR6:22119496	SSF x Far_LoA	-11,742	0,058	0,293
CHR6	22125986	CHR6:22125986	SSF x Far_LoA	-9,248	0,120	0,276
CHR6	22135343	CHR6:22135343	SSF x Far_LoA	-8,766	-0,037	0,294
CHR6	22135566	CHR6:22135566	SSF x Far_LoA	-8,544	0,009	0,295
CHR6	22135620	CHR6:22135620	SSF x Far_LoA	-9,128	0,053	0,283
CHR6	22140693	CHR6:22140693	SSF x Far_LoA	-10,631	0,019	0,288
CHR6	22140708	CHR6:22140708	SSF x Far_LoA	-10,804	0,080	0,292
CHR6	22146323	CHR6:22146323	SSF x Far_LoA	-12,297	0,054	0,287
CHR6	22159735	CHR6:22159735	SSF x Far_LoA	-7,661	-0,120	0,291
CHR6	22159740	CHR6:22159740	SSF x Far_LoA	-8,901	-0,130	0,311
CHR6	22159743	CHR6:22159743	SSF x Far_LoA	-9,912	-0,150	0,297
CHR6	22159775	CHR6:22159775	SSF x Far_LoA	-8,502	-0,011	0,295
CHR6	22159827	CHR6:22159827	SSF x Far_LoA	-10,950	0,020	0,289
CHR6	22159910	CHR6:22159910	SSF x Far_LoA	-10,967	-0,007	0,277
CHR6	22159915	CHR6:22159915	SSF x Far_LoA	-11,706	0,048	0,288
CHR6	22173116	CHR6:22173116	SSF x Far_LoA	-7,285	-0,146	0,274
CHR6	22180932	CHR6:22180932	SSF x Far_LoA	-6,015	-0,107	0,297
CHR6	22180996	CHR6:22180996	SSF x Far_LoA	-9,243	0,130	0,276
CHR6	22181000	CHR6:22181000	SSF x Far_LoA	-9,874	0,029	0,280
CHR6	22181050	CHR6:22181050	SSF x Far_LoA	-10,137	-0,052	0,300
CHR6	22184641	CHR6:22184641	SSF x Far_LoA	-8,009	0,000	0,271

CHR6	2218752	CHR6:2218752	SSF x Far_LoA	-5,209	-0,187	0,286
CHR6	2218758	CHR6:2218758	SSF x Far_LoA	-10,991	-0,027	0,281
CHR6	2218847	CHR6:2218847	SSF x Far_LoA	-9,438	-0,060	0,291
CHR6	22198530	CHR6:22198530	SSF x Far_LoA	-9,088	-0,041	0,313
CHR6	22201178	CHR6:22201178	SSF x Far_LoA	-8,421	0,122	0,275
CHR6	22208566	CHR6:22208566	SSF x Far_LoA	-10,681	0,088	0,283
CHR6	22211656	CHR6:22211656	SSF x Far_LoA	-10,826	0,072	0,299
CHR6	22211664	CHR6:22211664	SSF x Far_LoA	-11,395	0,024	0,288
CHR6	22213269	CHR6:22213269	SSF x Far_LoA	-9,188	0,058	0,305
CHR6	22225339	CHR6:22225339	SSF x Far_LoA	-7,907	-0,049	0,278
CHR6	22225381	CHR6:22225381	SSF x Far_LoA	-6,742	-0,104	0,278
CHR6	22225400	CHR6:22225400	SSF x Far_LoA	-7,497	-0,001	0,280
CHR6	22225405	CHR6:22225405	SSF x Far_LoA	-7,823	0,101	0,263
CHR6	22225600	CHR6:22225600	SSF x Far_LoA	-10,175	-0,100	0,284
CHR6	22225609	CHR6:22225609	SSF x Far_LoA	-8,773	0,093	0,285
CHR6	22251181	CHR6:22251181	SSF x Far_LoA	-11,288	0,025	0,289
CHR6	22251199	CHR6:22251199	SSF x Far_LoA	-6,382	-0,103	0,267
CHR6	22251201	CHR6:22251201	SSF x Far_LoA	-9,515	-0,056	0,284
CHR6	22251337	CHR6:22251337	SSF x Far_LoA	-8,731	0,037	0,307
CHR6	22251345	CHR6:22251345	SSF x Far_LoA	-9,197	0,033	0,308
CHR6	22251377	CHR6:22251377	SSF x Far_LoA	-10,871	0,042	0,289
CHR6	22251396	CHR6:22251396	SSF x Far_LoA	-10,469	0,053	0,297
CHR6	22251437	CHR6:22251437	SSF x Far_LoA	-3,154	-0,127	0,292
CHR6	22251443	CHR6:22251443	SSF x Far_LoA	-6,278	0,071	0,277
CHR6	22251457	CHR6:22251457	SSF x Far_LoA	-11,998	0,025	0,277
CHR6	22251536	CHR6:22251536	SSF x Far_LoA	-4,476	-0,064	0,296
CHR6	22255235	CHR6:22255235	SSF x Far_LoA	-10,400	0,000	0,309
CHR6	2226632	CHR6:2226632	SSF x Far_LoA	-7,940	0,110	0,290
CHR6	2226651	CHR6:2226651	SSF x Far_LoA	-7,097	-0,079	0,303
CHR6	22266657	CHR6:22266657	SSF x Far_LoA	-11,364	-0,021	0,294
CHR6	22266809	CHR6:22266809	SSF x Far_LoA	-8,008	-0,186	0,282
CHR6	22266848	CHR6:22266848	SSF x Far_LoA	-9,319	-0,004	0,286
CHR6	2226815	CHR6:2226815	SSF x Far_LoA	-9,357	-0,006	0,288
CHR6	22269082	CHR6:22269082	SSF x Far_LoA	-7,495	0,018	0,297
CHR6	2232449	CHR6:2232449	SSF x Far_LoA	-10,285	0,002	0,281
CHR6	2232630	CHR6:2232630	SSF x Far_LoA	-9,157	0,035	0,289
CHR6	22332339	CHR6:22332339	SSF x Far_LoA	-7,928	0,061	0,277
CHR6	22332399	CHR6:22332399	SSF x Far_LoA	-8,695	-0,002	0,296
CHR6	22332649	CHR6:22332649	SSF x Far_LoA	-10,072	-0,010	0,272
CHR6	22345648	CHR6:22345648	SSF x Far_LoA	-10,373	0,067	0,287
CHR6	22353119	CHR6:22353119	SSF x Far_LoA	-10,656	-0,044	0,290
CHR6	22353290	CHR6:22353290	SSF x Far_LoA	-1,259	-0,132	0,287
CHR6	2239585	CHR6:2239585	SSF x Far_LoA	-10,287	-0,028	0,280
CHR6	2239646	CHR6:2239646	SSF x Far_LoA	-8,458	-0,111	0,283
CHR6	2239653	CHR6:2239653	SSF x Far_LoA	-11,815	-0,013	0,290
CHR6	22399113	CHR6:22399113	SSF x Far_LoA	-8,958	-0,027	0,290
CHR6	22471397	CHR6:22471397	SSF x Far_LoA	3,269	-0,084	0,306
CHR6	22471448	CHR6:22471448	SSF x Far_LoA	-7,569	-0,029	0,278
CHR6	22474802	CHR6:22474802	SSF x Far_LoA	-8,596	0,099	0,301
CHR6	22494449	CHR6:22494449	SSF x Far_LoA	-9,784	0,118	0,281
CHR6	22494464	CHR6:22494464	SSF x Far_LoA	-5,306	-0,065	0,291
CHR6	22494468	CHR6:22494468	SSF x Far_LoA	-8,110	0,001	0,303
CHR6	22494518	CHR6:22494518	SSF x Far_LoA	-0,487	-0,002	0,293

CHR6	22494536	CHR6:22494536	SSF x Far_LoA	-5,140	0,110	0,289
CHR6	2249633	CHR6:2249633	SSF x Far_LoA	-9,467	-0,040	0,278
CHR6	2249634	CHR6:2249634	SSF x Far_LoA	-9,869	0,017	0,273
CHR6	22515542	CHR6:22515542	SSF x Far_LoA	-8,512	0,057	0,283
CHR6	22515545	CHR6:22515545	SSF x Far_LoA	-8,799	-0,086	0,304
CHR6	22515555	CHR6:22515555	SSF x Far_LoA	-11,044	-0,029	0,287
CHR6	22515611	CHR6:22515611	SSF x Far_LoA	-4,325	0,194	0,291
CHR6	22523353	CHR6:22523353	SSF x Far_LoA	-10,909	0,042	0,293
CHR6	22523387	CHR6:22523387	SSF x Far_LoA	-6,554	-0,001	0,290
CHR6	22523408	CHR6:22523408	SSF x Far_LoA	-7,838	0,078	0,308
CHR6	22523416	CHR6:22523416	SSF x Far_LoA	-12,029	-0,047	0,290
CHR6	22523418	CHR6:22523418	SSF x Far_LoA	-9,097	-0,012	0,286
CHR6	22523443	CHR6:22523443	SSF x Far_LoA	-9,347	-0,061	0,296
CHR6	22532521	CHR6:22532521	SSF x Far_LoA	-8,801	-0,030	0,293
CHR6	22532530	CHR6:22532530	SSF x Far_LoA	-12,329	-0,041	0,277
CHR6	22532556	CHR6:22532556	SSF x Far_LoA	-9,657	-0,002	0,290
CHR6	22543490	CHR6:22543490	SSF x Far_LoA	-8,648	-0,104	0,304
CHR6	22548278	CHR6:22548278	SSF x Far_LoA	-8,919	0,041	0,278
CHR6	22548437	CHR6:22548437	SSF x Far_LoA	-9,589	-0,007	0,304
CHR6	22548532	CHR6:22548532	SSF x Far_LoA	-10,604	-0,012	0,299
CHR6	22566802	CHR6:22566802	SSF x Far_LoA	-8,727	0,086	0,285
CHR6	22566841	CHR6:22566841	SSF x Far_LoA	-8,156	-0,101	0,291
CHR6	22566925	CHR6:22566925	SSF x Far_LoA	-5,957	-0,095	0,295
CHR6	22580558	CHR6:22580558	SSF x Far_LoA	-6,847	-0,082	0,292
CHR6	22604651	CHR6:22604651	SSF x Far_LoA	-4,931	0,001	0,284
CHR6	22604725	CHR6:22604725	SSF x Far_LoA	-8,932	0,140	0,297
CHR6	22614180	CHR6:22614180	SSF x Far_LoA	-10,663	-0,082	0,291
CHR6	22614274	CHR6:22614274	SSF x Far_LoA	-8,470	-0,009	0,296
CHR6	2263052	CHR6:2263052	SSF x Far_LoA	-9,908	0,011	0,289
CHR6	2263122	CHR6:2263122	SSF x Far_LoA	-9,956	-0,054	0,292
CHR6	2263174	CHR6:2263174	SSF x Far_LoA	-9,579	-0,011	0,282
CHR6	22641616	CHR6:22641616	SSF x Far_LoA	-9,263	0,028	0,294
CHR6	22641679	CHR6:22641679	SSF x Far_LoA	-4,019	-0,163	0,291
CHR6	22641709	CHR6:22641709	SSF x Far_LoA	-10,133	-0,082	0,288
CHR6	22641749	CHR6:22641749	SSF x Far_LoA	-9,155	-0,083	0,291
CHR6	22641768	CHR6:22641768	SSF x Far_LoA	-9,076	-0,053	0,283
CHR6	22644047	CHR6:22644047	SSF x Far_LoA	-2,482	0,010	0,308
CHR6	22644109	CHR6:22644109	SSF x Far_LoA	-11,304	-0,067	0,283
CHR6	22644121	CHR6:22644121	SSF x Far_LoA	-8,930	-0,078	0,288
CHR6	22644123	CHR6:22644123	SSF x Far_LoA	-7,682	-0,039	0,297
CHR6	22644135	CHR6:22644135	SSF x Far_LoA	-4,634	-0,197	0,285
CHR6	2269372	CHR6:2269372	SSF x Far_LoA	-11,514	0,036	0,293
CHR6	2269396	CHR6:2269396	SSF x Far_LoA	-4,014	-0,154	0,297
CHR6	22709875	CHR6:22709875	SSF x Far_LoA	-5,257	0,018	0,298
CHR6	22709981	CHR6:22709981	SSF x Far_LoA	-10,596	-0,012	0,284
CHR6	22710141	CHR6:22710141	SSF x Far_LoA	-8,988	-0,037	0,301
CHR6	22714696	CHR6:22714696	SSF x Far_LoA	-9,055	-0,038	0,281
CHR6	22721107	CHR6:22721107	SSF x Far_LoA	-11,411	-0,048	0,274
CHR6	22727764	CHR6:22727764	SSF x Far_LoA	-8,801	-0,003	0,288
CHR6	22736287	CHR6:22736287	SSF x Far_LoA	-5,382	0,161	0,286
CHR6	2274123	CHR6:2274123	SSF x Far_LoA	-9,566	0,049	0,293
CHR6	2274139	CHR6:2274139	SSF x Far_LoA	-10,384	-0,068	0,308
CHR6	2274149	CHR6:2274149	SSF x Far_LoA	-7,169	0,148	0,295

CHR6	2274183	CHR6:2274183	SSF x Far_LoA	-11,714	0,024	0,295
CHR6	22755197	CHR6:22755197	SSF x Far_LoA	-9,740	0,083	0,276
CHR6	22849093	CHR6:22849093	SSF x Far_LoA	-10,858	-0,047	0,280
CHR6	2286366	CHR6:2286366	SSF x Far_LoA	-7,787	-0,041	0,294
CHR6	22868124	CHR6:22868124	SSF x Far_LoA	-8,331	0,029	0,302
CHR6	22899327	CHR6:22899327	SSF x Far_LoA	-7,523	0,026	0,315
CHR6	2290547	CHR6:2290547	SSF x Far_LoA	-9,432	-0,056	0,301
CHR6	2290558	CHR6:2290558	SSF x Far_LoA	-9,126	0,082	0,276
CHR6	22913475	CHR6:22913475	SSF x Far_LoA	-7,175	-0,014	0,301
CHR6	22913774	CHR6:22913774	SSF x Far_LoA	-8,721	-0,026	0,306
CHR6	22915278	CHR6:22915278	SSF x Far_LoA	-9,239	0,032	0,294
CHR6	22946180	CHR6:22946180	SSF x Far_LoA	-8,032	0,027	0,311
CHR6	22970537	CHR6:22970537	SSF x Far_LoA	-9,397	0,001	0,296
CHR6	22991818	CHR6:22991818	SSF x Far_LoA	-7,937	-0,098	0,305
CHR6	23098174	CHR6:23098174	SSF x Far_LoA	-8,622	-0,023	0,295
CHR6	23099450	CHR6:23099450	SSF x Far_LoA	-9,115	-0,035	0,293
CHR6	23122897	CHR6:23122897	SSF x Far_LoA	-7,945	-0,007	0,306
CHR6	23125826	CHR6:23125826	SSF x Far_LoA	-8,760	-0,001	0,299
CHR6	23128225	CHR6:23128225	SSF x Far_LoA	-9,095	-0,032	0,304
CHR6	23129125	CHR6:23129125	SSF x Far_LoA	-8,764	0,009	0,310
CHR6	2313287	CHR6:2313287	SSF x Far_LoA	-9,142	-0,002	0,282
CHR6	2313341	CHR6:2313341	SSF x Far_LoA	-8,655	0,042	0,282
CHR6	2313376	CHR6:2313376	SSF x Far_LoA	-12,362	-0,055	0,278
CHR6	2313482	CHR6:2313482	SSF x Far_LoA	-6,284	-0,003	0,290
CHR6	2315164	CHR6:2315164	SSF x Far_LoA	5,951	-0,024	0,268
CHR6	2315256	CHR6:2315256	SSF x Far_LoA	-8,967	0,052	0,291
CHR6	2317867	CHR6:2317867	SSF x Far_LoA	-11,529	0,098	0,286
CHR6	2317959	CHR6:2317959	SSF x Far_LoA	-9,187	-0,089	0,295
CHR6	2327962	CHR6:2327962	SSF x Far_LoA	-10,636	0,109	0,285
CHR6	2327970	CHR6:2327970	SSF x Far_LoA	-9,755	0,043	0,287
CHR6	2328053	CHR6:2328053	SSF x Far_LoA	14,595	0,111	0,288
CHR6	2335574	CHR6:2335574	SSF x Far_LoA	-8,560	0,035	0,308
CHR6	2335576	CHR6:2335576	SSF x Far_LoA	-11,501	0,029	0,301
CHR6	2336530	CHR6:2336530	SSF x Far_LoA	-9,918	0,004	0,291
CHR6	2350312	CHR6:2350312	SSF x Far_LoA	-7,780	0,042	0,275
CHR6	2350325	CHR6:2350325	SSF x Far_LoA	-11,030	0,013	0,290
CHR6	2350373	CHR6:2350373	SSF x Far_LoA	-11,019	-0,069	0,286
CHR6	2350390	CHR6:2350390	SSF x Far_LoA	-9,961	0,075	0,285
CHR6	2350422	CHR6:2350422	SSF x Far_LoA	-10,600	-0,023	0,287
CHR6	2362931	CHR6:2362931	SSF x Far_LoA	-9,271	-0,021	0,293
CHR6	2362951	CHR6:2362951	SSF x Far_LoA	-8,439	-0,017	0,311
CHR6	2382681	CHR6:2382681	SSF x Far_LoA	-5,514	0,020	0,278
CHR6	2382831	CHR6:2382831	SSF x Far_LoA	-8,884	0,080	0,266
CHR6	2382903	CHR6:2382903	SSF x Far_LoA	-9,143	-0,041	0,266
CHR6	2382922	CHR6:2382922	SSF x Far_LoA	-10,838	-0,029	0,283
CHR6	2429450	CHR6:2429450	SSF x Far_LoA	-8,276	-0,062	0,283
CHR6	2429538	CHR6:2429538	SSF x Far_LoA	-10,066	-0,032	0,305
CHR6	2429696	CHR6:2429696	SSF x Far_LoA	-11,385	0,079	0,293
CHR6	2429707	CHR6:2429707	SSF x Far_LoA	-10,328	-0,064	0,295
CHR6	2434642	CHR6:2434642	SSF x Far_LoA	-11,464	0,018	0,289
CHR6	2434739	CHR6:2434739	SSF x Far_LoA	-9,364	-0,059	0,284
CHR6	2471336	CHR6:2471336	SSF x Far_LoA	-7,482	0,189	0,281
CHR6	2478175	CHR6:2478175	SSF x Far_LoA	-10,304	0,006	0,288

CHR6	2478180	CHR6:2478180	SSF x Far_LoA	-12,892	-0,015	0,273
CHR6	2478215	CHR6:2478215	SSF x Far_LoA	-5,969	-0,130	0,294
CHR6	2494995	CHR6:2494995	SSF x Far_LoA	-8,974	-0,049	0,284
CHR6	2495024	CHR6:2495024	SSF x Far_LoA	-8,966	-0,042	0,313
CHR6	2495087	CHR6:2495087	SSF x Far_LoA	-6,185	-0,020	0,288
CHR6	2508360	CHR6:2508360	SSF x Far_LoA	-8,498	0,035	0,297
CHR6	2511825	CHR6:2511825	SSF x Far_LoA	-8,973	0,079	0,285
CHR6	2511904	CHR6:2511904	SSF x Far_LoA	-8,551	-0,024	0,285
CHR6	2511912	CHR6:2511912	SSF x Far_LoA	-8,801	-0,022	0,277
CHR6	2511950	CHR6:2511950	SSF x Far_LoA	-11,976	-0,050	0,265
CHR6	2512016	CHR6:2512016	SSF x Far_LoA	-7,589	0,046	0,290
CHR6	251513	CHR6:251513	SSF x Far_LoA	-10,716	0,018	0,300
CHR6	2537839	CHR6:2537839	SSF x Far_LoA	-9,926	-0,008	0,306
CHR6	2542548	CHR6:2542548	SSF x Far_LoA	-11,536	-0,054	0,308
CHR6	2542551	CHR6:2542551	SSF x Far_LoA	-9,104	-0,017	0,298
CHR6	2542657	CHR6:2542657	SSF x Far_LoA	-7,478	0,060	0,281
CHR6	2542679	CHR6:2542679	SSF x Far_LoA	-6,992	-0,130	0,298
CHR6	2542697	CHR6:2542697	SSF x Far_LoA	-9,887	-0,049	0,303
CHR6	2542698	CHR6:2542698	SSF x Far_LoA	-9,828	-0,010	0,296
CHR6	2543977	CHR6:2543977	SSF x Far_LoA	-11,044	0,166	0,272
CHR6	2544085	CHR6:2544085	SSF x Far_LoA	-10,163	0,078	0,282
CHR6	2544116	CHR6:2544116	SSF x Far_LoA	-11,750	-0,037	0,286
CHR6	2544220	CHR6:2544220	SSF x Far_LoA	-8,092	0,075	0,286
CHR6	2544229	CHR6:2544229	SSF x Far_LoA	-9,625	0,082	0,287
CHR6	2544249	CHR6:2544249	SSF x Far_LoA	-10,644	-0,058	0,292
CHR6	2544346	CHR6:2544346	SSF x Far_LoA	-6,433	0,025	0,287
CHR6	2551099	CHR6:2551099	SSF x Far_LoA	-11,474	-0,077	0,297
CHR6	2551103	CHR6:2551103	SSF x Far_LoA	-11,798	0,053	0,280
CHR6	2551331	CHR6:2551331	SSF x Far_LoA	-8,243	-0,141	0,276
CHR6	2558160	CHR6:2558160	SSF x Far_LoA	-9,822	-0,094	0,262
CHR6	2563149	CHR6:2563149	SSF x Far_LoA	-8,456	-0,107	0,293
CHR6	2563152	CHR6:2563152	SSF x Far_LoA	-3,548	0,133	0,299
CHR6	2563154	CHR6:2563154	SSF x Far_LoA	-8,611	-0,079	0,288
CHR6	2563175	CHR6:2563175	SSF x Far_LoA	-9,457	-0,085	0,296
CHR6	2563184	CHR6:2563184	SSF x Far_LoA	-7,890	-0,075	0,297
CHR6	2568743	CHR6:2568743	SSF x Far_LoA	-7,348	-0,090	0,290
CHR6	2568769	CHR6:2568769	SSF x Far_LoA	-5,985	-0,183	0,281
CHR6	2568789	CHR6:2568789	SSF x Far_LoA	-6,447	-0,177	0,271
CHR6	2569094	CHR6:2569094	SSF x Far_LoA	-7,588	0,135	0,285
CHR6	2569137	CHR6:2569137	SSF x Far_LoA	-6,671	-0,138	0,281
CHR6	2569148	CHR6:2569148	SSF x Far_LoA	-4,725	0,125	0,275
CHR6	2571957	CHR6:2571957	SSF x Far_LoA	-10,821	0,001	0,282
CHR6	2571969	CHR6:2571969	SSF x Far_LoA	-11,108	-0,001	0,289
CHR6	2571973	CHR6:2571973	SSF x Far_LoA	-11,008	0,046	0,296
CHR6	2573170	CHR6:2573170	SSF x Far_LoA	-8,437	0,056	0,289
CHR6	2623872	CHR6:2623872	SSF x Far_LoA	-1,869	0,187	0,283
CHR6	2638090	CHR6:2638090	SSF x Far_LoA	-8,414	0,043	0,295
CHR6	2642684	CHR6:2642684	SSF x Far_LoA	-12,496	-0,045	0,276
CHR6	2660143	CHR6:2660143	SSF x Far_LoA	-8,881	-0,028	0,295
CHR6	2660243	CHR6:2660243	SSF x Far_LoA	-7,533	-0,129	0,294
CHR6	2663946	CHR6:2663946	SSF x Far_LoA	-8,556	0,004	0,305
CHR6	2663989	CHR6:2663989	SSF x Far_LoA	-8,782	0,008	0,290
CHR6	2664174	CHR6:2664174	SSF x Far_LoA	-2,159	-0,187	0,282

CHR6	2666949	CHR6:2666949	SSF x Far_LoA	-7,855	-0,065	0,285
CHR6	2666979	CHR6:2666979	SSF x Far_LoA	-10,519	0,048	0,291
CHR6	2667087	CHR6:2667087	SSF x Far_LoA	-9,578	-0,017	0,286
CHR6	2667091	CHR6:2667091	SSF x Far_LoA	-9,865	-0,133	0,285
CHR6	2672423	CHR6:2672423	SSF x Far_LoA	-9,836	-0,120	0,288
CHR6	2672481	CHR6:2672481	SSF x Far_LoA	-8,618	-0,051	0,296
CHR6	2672833	CHR6:2672833	SSF x Far_LoA	-8,124	-0,086	0,292
CHR6	2672834	CHR6:2672834	SSF x Far_LoA	-4,171	0,098	0,287
CHR6	2682984	CHR6:2682984	SSF x Far_LoA	-8,309	0,083	0,294
CHR6	2683048	CHR6:2683048	SSF x Far_LoA	-8,160	0,052	0,299
CHR6	2683072	CHR6:2683072	SSF x Far_LoA	-9,088	-0,065	0,282
CHR6	2683097	CHR6:2683097	SSF x Far_LoA	-9,980	0,136	0,293
CHR6	2683141	CHR6:2683141	SSF x Far_LoA	-8,122	0,044	0,289
CHR6	2683149	CHR6:2683149	SSF x Far_LoA	-6,340	0,078	0,288
CHR6	2683175	CHR6:2683175	SSF x Far_LoA	-9,268	0,004	0,297
CHR6	2683422	CHR6:2683422	SSF x Far_LoA	-10,271	0,032	0,289
CHR6	2708894	CHR6:2708894	SSF x Far_LoA	-9,610	-0,117	0,293
CHR6	2709049	CHR6:2709049	SSF x Far_LoA	-8,836	-0,063	0,305
CHR6	2709084	CHR6:2709084	SSF x Far_LoA	-8,899	-0,067	0,302
CHR6	2709085	CHR6:2709085	SSF x Far_LoA	-7,578	-0,060	0,292
CHR6	2709110	CHR6:2709110	SSF x Far_LoA	-8,873	-0,086	0,277
CHR6	2715024	CHR6:2715024	SSF x Far_LoA	-8,226	-0,112	0,286
CHR6	2715207	CHR6:2715207	SSF x Far_LoA	-8,848	-0,097	0,296
CHR6	2719540	CHR6:2719540	SSF x Far_LoA	-6,528	0,190	0,293
CHR6	2719593	CHR6:2719593	SSF x Far_LoA	-9,510	0,062	0,282
CHR6	2719679	CHR6:2719679	SSF x Far_LoA	-3,004	-0,132	0,293
CHR6	2728319	CHR6:2728319	SSF x Far_LoA	-6,653	0,134	0,290
CHR6	2728512	CHR6:2728512	SSF x Far_LoA	-9,556	-0,040	0,293
CHR6	2731616	CHR6:2731616	SSF x Far_LoA	-2,234	0,113	0,280
CHR6	2737214	CHR6:2737214	SSF x Far_LoA	-8,698	0,080	0,289
CHR6	2737242	CHR6:2737242	SSF x Far_LoA	-8,154	0,116	0,302
CHR6	2737265	CHR6:2737265	SSF x Far_LoA	-9,104	-0,057	0,282
CHR6	2751560	CHR6:2751560	SSF x Far_LoA	-7,413	0,068	0,297
CHR6	2751583	CHR6:2751583	SSF x Far_LoA	-10,777	0,015	0,289
CHR6	2751730	CHR6:2751730	SSF x Far_LoA	-11,261	-0,083	0,282
CHR6	2751748	CHR6:2751748	SSF x Far_LoA	-9,648	-0,080	0,286
CHR6	2751782	CHR6:2751782	SSF x Far_LoA	-8,168	0,102	0,285
CHR6	2751790	CHR6:2751790	SSF x Far_LoA	-8,942	-0,019	0,286
CHR6	2757824	CHR6:2757824	SSF x Far_LoA	-11,392	-0,028	0,282
CHR6	2758061	CHR6:2758061	SSF x Far_LoA	-12,663	0,017	0,283
CHR6	2758126	CHR6:2758126	SSF x Far_LoA	-8,794	-0,010	0,284
CHR6	2762773	CHR6:2762773	SSF x Far_LoA	-5,844	-0,163	0,283
CHR6	2762860	CHR6:2762860	SSF x Far_LoA	-5,960	0,201	0,271
CHR6	2762863	CHR6:2762863	SSF x Far_LoA	-7,356	-0,153	0,291
CHR6	2762959	CHR6:2762959	SSF x Far_LoA	-10,786	0,152	0,290
CHR6	2763149	CHR6:2763149	SSF x Far_LoA	-6,750	-0,193	0,280
CHR6	2763152	CHR6:2763152	SSF x Far_LoA	-6,133	-0,133	0,293
CHR6	2772165	CHR6:2772165	SSF x Far_LoA	-6,946	0,107	0,296
CHR6	2772171	CHR6:2772171	SSF x Far_LoA	-9,752	0,056	0,280
CHR6	2772195	CHR6:2772195	SSF x Far_LoA	-8,956	0,039	0,286
CHR6	2772241	CHR6:2772241	SSF x Far_LoA	-10,318	0,026	0,280
CHR6	2772242	CHR6:2772242	SSF x Far_LoA	-9,588	0,047	0,302
CHR6	2786664	CHR6:2786664	SSF x Far_LoA	-8,397	-0,073	0,298

CHR6	2803424	CHR6:2803424	SSF x Far_LoA	-8,953	0,021	0,295
CHR6	2803465	CHR6:2803465	SSF x Far_LoA	-11,513	-0,011	0,288
CHR6	2812354	CHR6:2812354	SSF x Far_LoA	-10,474	-0,045	0,288
CHR6	2812355	CHR6:2812355	SSF x Far_LoA	-9,456	-0,062	0,272
CHR6	2812588	CHR6:2812588	SSF x Far_LoA	-8,048	0,044	0,286
CHR6	2827498	CHR6:2827498	SSF x Far_LoA	-10,132	-0,077	0,303
CHR6	2827563	CHR6:2827563	SSF x Far_LoA	-9,221	-0,048	0,286
CHR6	2877789	CHR6:2877789	SSF x Far_LoA	-1,432	0,180	0,276
CHR6	2877794	CHR6:2877794	SSF x Far_LoA	-8,298	0,054	0,298
CHR6	2878017	CHR6:2878017	SSF x Far_LoA	-11,071	-0,020	0,288
CHR6	2885456	CHR6:2885456	SSF x Far_LoA	-8,994	0,053	0,279
CHR6	2885483	CHR6:2885483	SSF x Far_LoA	-9,956	-0,035	0,292
CHR6	2885488	CHR6:2885488	SSF x Far_LoA	-7,906	-0,097	0,286
CHR6	2891011	CHR6:2891011	SSF x Far_LoA	-8,449	-0,155	0,293
CHR6	2905396	CHR6:2905396	SSF x Far_LoA	-11,547	-0,073	0,297
CHR6	2922532	CHR6:2922532	SSF x Far_LoA	-8,418	0,034	0,299
CHR6	2922677	CHR6:2922677	SSF x Far_LoA	-8,704	0,049	0,295
CHR6	2922691	CHR6:2922691	SSF x Far_LoA	-10,312	-0,035	0,302
CHR6	2922697	CHR6:2922697	SSF x Far_LoA	-8,056	0,036	0,282
CHR6	2944803	CHR6:2944803	SSF x Far_LoA	-8,850	-0,010	0,293
CHR6	2944866	CHR6:2944866	SSF x Far_LoA	-4,959	0,135	0,292
CHR6	2944867	CHR6:2944867	SSF x Far_LoA	-9,919	-0,042	0,287
CHR6	2949137	CHR6:2949137	SSF x Far_LoA	-11,615	0,036	0,303
CHR6	2949430	CHR6:2949430	SSF x Far_LoA	-11,863	-0,044	0,281
CHR6	2953799	CHR6:2953799	SSF x Far_LoA	-10,034	0,046	0,295
CHR6	2953894	CHR6:2953894	SSF x Far_LoA	-8,853	0,097	0,273
CHR6	2954067	CHR6:2954067	SSF x Far_LoA	-9,934	0,027	0,281
CHR6	2954083	CHR6:2954083	SSF x Far_LoA	-11,396	0,047	0,288
CHR6	2954101	CHR6:2954101	SSF x Far_LoA	-9,096	0,065	0,294
CHR6	2954102	CHR6:2954102	SSF x Far_LoA	-8,133	0,014	0,291
CHR6	2968143	CHR6:2968143	SSF x Far_LoA	-8,524	0,024	0,297
CHR6	2968160	CHR6:2968160	SSF x Far_LoA	-9,969	-0,079	0,279
CHR6	2968180	CHR6:2968180	SSF x Far_LoA	-8,154	-0,101	0,284
CHR6	2968192	CHR6:2968192	SSF x Far_LoA	-8,381	-0,101	0,288
CHR6	2968200	CHR6:2968200	SSF x Far_LoA	-10,918	-0,068	0,284
CHR6	2968281	CHR6:2968281	SSF x Far_LoA	-9,276	-0,046	0,287
CHR6	2968405	CHR6:2968405	SSF x Far_LoA	-8,561	-0,112	0,287
CHR6	2968546	CHR6:2968546	SSF x Far_LoA	-8,876	-0,065	0,300
CHR6	2976397	CHR6:2976397	SSF x Far_LoA	-5,818	-0,180	0,264
CHR6	2976456	CHR6:2976456	SSF x Far_LoA	-6,052	-0,095	0,298
CHR6	2978346	CHR6:2978346	SSF x Far_LoA	-10,104	-0,030	0,299
CHR6	2978388	CHR6:2978388	SSF x Far_LoA	-10,395	0,026	0,282
CHR6	2990617	CHR6:2990617	SSF x Far_LoA	-10,897	0,023	0,301
CHR6	2990658	CHR6:2990658	SSF x Far_LoA	-8,439	0,053	0,299
CHR6	2990716	CHR6:2990716	SSF x Far_LoA	-9,986	0,034	0,273
CHR6	2990758	CHR6:2990758	SSF x Far_LoA	-9,218	0,059	0,289
CHR6	2990772	CHR6:2990772	SSF x Far_LoA	-7,480	0,077	0,290
CHR6	2990847	CHR6:2990847	SSF x Far_LoA	-7,665	0,021	0,287
CHR6	2990852	CHR6:2990852	SSF x Far_LoA	-10,903	0,036	0,277
CHR6	2990968	CHR6:2990968	SSF x Far_LoA	-8,709	-0,127	0,305
CHR6	2990969	CHR6:2990969	SSF x Far_LoA	-8,453	0,156	0,298
CHR6	2991000	CHR6:2991000	SSF x Far_LoA	-9,601	-0,071	0,301
CHR6	2995566	CHR6:2995566	SSF x Far_LoA	-7,824	-0,050	0,294

CHR6	2996471	CHR6:2996471	SSF x Far_LoA	-10,520	0,043	0,289
CHR6	2996582	CHR6:2996582	SSF x Far_LoA	-4,064	0,062	0,291
CHR6	3004162	CHR6:3004162	SSF x Far_LoA	-7,842	-0,042	0,294
CHR6	3004209	CHR6:3004209	SSF x Far_LoA	-10,865	-0,008	0,295
CHR6	3004225	CHR6:3004225	SSF x Far_LoA	-10,274	-0,004	0,300
CHR6	3007991	CHR6:3007991	SSF x Far_LoA	-9,250	0,010	0,289
CHR6	3008032	CHR6:3008032	SSF x Far_LoA	-11,881	0,008	0,289
CHR6	3008044	CHR6:3008044	SSF x Far_LoA	-9,409	0,038	0,266
CHR6	3008083	CHR6:3008083	SSF x Far_LoA	-7,592	0,126	0,286
CHR6	3008109	CHR6:3008109	SSF x Far_LoA	-7,217	0,124	0,297
CHR6	3008264	CHR6:3008264	SSF x Far_LoA	-8,529	-0,046	0,289
CHR6	3008268	CHR6:3008268	SSF x Far_LoA	-7,151	-0,022	0,294
CHR6	3017905	CHR6:3017905	SSF x Far_LoA	-8,419	-0,011	0,277
CHR6	3017983	CHR6:3017983	SSF x Far_LoA	-11,518	-0,078	0,288
CHR6	3018056	CHR6:3018056	SSF x Far_LoA	-11,484	0,021	0,291
CHR6	3018128	CHR6:3018128	SSF x Far_LoA	-9,628	0,004	0,299
CHR6	3023363	CHR6:3023363	SSF x Far_LoA	-9,408	-0,058	0,291
CHR6	3034488	CHR6:3034488	SSF x Far_LoA	-8,958	-0,002	0,298
CHR6	3034534	CHR6:3034534	SSF x Far_LoA	-10,272	-0,030	0,269
CHR6	3034548	CHR6:3034548	SSF x Far_LoA	-11,383	0,018	0,276
CHR6	3034562	CHR6:3034562	SSF x Far_LoA	-10,947	-0,039	0,276
CHR6	3037760	CHR6:3037760	SSF x Far_LoA	-8,663	0,018	0,299
CHR6	3037790	CHR6:3037790	SSF x Far_LoA	-8,556	-0,016	0,306
CHR6	3037813	CHR6:3037813	SSF x Far_LoA	-7,535	-0,069	0,281
CHR6	3037917	CHR6:3037917	SSF x Far_LoA	-9,510	0,000	0,292
CHR6	3037925	CHR6:3037925	SSF x Far_LoA	-10,511	-0,011	0,278
CHR6	3037992	CHR6:3037992	SSF x Far_LoA	-10,906	-0,081	0,295
CHR6	3038049	CHR6:3038049	SSF x Far_LoA	-8,666	-0,028	0,273
CHR6	303999	CHR6:303999	SSF x Far_LoA	-11,326	0,088	0,278
CHR6	304111	CHR6:304111	SSF x Far_LoA	-8,824	-0,079	0,294
CHR6	304127	CHR6:304127	SSF x Far_LoA	-8,645	0,003	0,297
CHR6	3075237	CHR6:3075237	SSF x Far_LoA	-10,284	-0,018	0,292
CHR6	3075246	CHR6:3075246	SSF x Far_LoA	-7,966	0,044	0,305
CHR6	3075251	CHR6:3075251	SSF x Far_LoA	-8,985	0,008	0,302
CHR6	3075280	CHR6:3075280	SSF x Far_LoA	-4,153	-0,082	0,292
CHR6	3075303	CHR6:3075303	SSF x Far_LoA	-3,434	-0,086	0,289
CHR6	3075411	CHR6:3075411	SSF x Far_LoA	-9,640	0,084	0,296
CHR6	3075486	CHR6:3075486	SSF x Far_LoA	-9,147	-0,080	0,277
CHR6	3099561	CHR6:3099561	SSF x Far_LoA	-7,995	0,136	0,283
CHR6	3099724	CHR6:3099724	SSF x Far_LoA	-11,496	0,039	0,296
CHR6	3099730	CHR6:3099730	SSF x Far_LoA	-11,149	0,063	0,291
CHR6	3114159	CHR6:3114159	SSF x Far_LoA	-10,331	0,077	0,293
CHR6	3114190	CHR6:3114190	SSF x Far_LoA	-9,427	0,000	0,288
CHR6	3114299	CHR6:3114299	SSF x Far_LoA	-8,938	-0,036	0,277
CHR6	3114360	CHR6:3114360	SSF x Far_LoA	-9,497	-0,075	0,287
CHR6	3114441	CHR6:3114441	SSF x Far_LoA	-10,198	-0,037	0,283
CHR6	3132030	CHR6:3132030	SSF x Far_LoA	-7,573	-0,027	0,319
CHR6	3135177	CHR6:3135177	SSF x Far_LoA	-5,259	-0,078	0,284
CHR6	3135204	CHR6:3135204	SSF x Far_LoA	-9,309	-0,053	0,299
CHR6	3135206	CHR6:3135206	SSF x Far_LoA	-8,124	0,057	0,297
CHR6	3135319	CHR6:3135319	SSF x Far_LoA	-9,215	0,023	0,293
CHR6	3135320	CHR6:3135320	SSF x Far_LoA	-8,396	0,032	0,291
CHR6	3135378	CHR6:3135378	SSF x Far_LoA	-9,395	-0,057	0,301

CHR6	3135383	CHR6:3135383	SSF x Far_LoA	-10,146	-0,019	0,313
CHR6	3135412	CHR6:3135412	SSF x Far_LoA	-1,267	0,055	0,293
CHR6	3148580	CHR6:3148580	SSF x Far_LoA	-11,358	-0,037	0,288
CHR6	3148824	CHR6:3148824	SSF x Far_LoA	-6,241	0,032	0,305
CHR6	3167717	CHR6:3167717	SSF x Far_LoA	-6,607	0,107	0,297
CHR6	3167722	CHR6:3167722	SSF x Far_LoA	-9,289	0,125	0,280
CHR6	3176119	CHR6:3176119	SSF x Far_LoA	-10,455	0,030	0,291
CHR6	3176171	CHR6:3176171	SSF x Far_LoA	-9,700	-0,087	0,274
CHR6	3176179	CHR6:3176179	SSF x Far_LoA	-11,525	0,005	0,292
CHR6	3176181	CHR6:3176181	SSF x Far_LoA	-8,657	0,059	0,281
CHR6	3176269	CHR6:3176269	SSF x Far_LoA	-8,443	-0,018	0,296
CHR6	3180858	CHR6:3180858	SSF x Far_LoA	-11,701	0,015	0,281
CHR6	3180891	CHR6:3180891	SSF x Far_LoA	-8,341	-0,033	0,298
CHR6	3180897	CHR6:3180897	SSF x Far_LoA	-8,671	-0,037	0,276
CHR6	3181607	CHR6:3181607	SSF x Far_LoA	-8,609	-0,084	0,292
CHR6	3181618	CHR6:3181618	SSF x Far_LoA	-9,324	-0,099	0,295
CHR6	3183684	CHR6:3183684	SSF x Far_LoA	-6,544	0,078	0,301
CHR6	3183697	CHR6:3183697	SSF x Far_LoA	-8,750	0,091	0,287
CHR6	3183744	CHR6:3183744	SSF x Far_LoA	-9,483	-0,095	0,291
CHR6	3183860	CHR6:3183860	SSF x Far_LoA	-6,757	-0,051	0,290
CHR6	3198696	CHR6:3198696	SSF x Far_LoA	-11,316	0,006	0,305
CHR6	3198699	CHR6:3198699	SSF x Far_LoA	-8,469	0,059	0,302
CHR6	3198812	CHR6:3198812	SSF x Far_LoA	-11,170	-0,079	0,317
CHR6	3198863	CHR6:3198863	SSF x Far_LoA	-8,047	0,178	0,280
CHR6	3198875	CHR6:3198875	SSF x Far_LoA	-7,614	-0,083	0,286
CHR6	3212653	CHR6:3212653	SSF x Far_LoA	-9,770	-0,149	0,294
CHR6	3212702	CHR6:3212702	SSF x Far_LoA	-9,508	-0,080	0,305
CHR6	3221834	CHR6:3221834	SSF x Far_LoA	-11,988	-0,034	0,290
CHR6	3221867	CHR6:3221867	SSF x Far_LoA	-8,103	-0,083	0,299
CHR6	3221907	CHR6:3221907	SSF x Far_LoA	-10,218	0,111	0,292
CHR6	3221908	CHR6:3221908	SSF x Far_LoA	-9,098	0,086	0,288
CHR6	3221934	CHR6:3221934	SSF x Far_LoA	-7,841	0,134	0,280
CHR6	3221989	CHR6:3221989	SSF x Far_LoA	-10,750	0,032	0,285
CHR6	3222026	CHR6:3222026	SSF x Far_LoA	-8,985	-0,093	0,291
CHR6	3223591	CHR6:3223591	SSF x Far_LoA	-6,949	0,051	0,278
CHR6	3225337	CHR6:3225337	SSF x Far_LoA	-7,863	-0,059	0,292
CHR6	323293	CHR6:323293	SSF x Far_LoA	-9,794	-0,053	0,310
CHR6	3239753	CHR6:3239753	SSF x Far_LoA	-9,057	-0,003	0,299
CHR6	3239791	CHR6:3239791	SSF x Far_LoA	-9,592	-0,068	0,279
CHR6	3239971	CHR6:3239971	SSF x Far_LoA	-12,090	-0,032	0,284
CHR6	325826	CHR6:325826	SSF x Far_LoA	-11,201	-0,020	0,292
CHR6	325835	CHR6:325835	SSF x Far_LoA	-11,683	-0,022	0,286
CHR6	325850	CHR6:325850	SSF x Far_LoA	-8,211	-0,079	0,295
CHR6	325944	CHR6:325944	SSF x Far_LoA	-7,181	-0,158	0,290
CHR6	326123	CHR6:326123	SSF x Far_LoA	-7,263	0,040	0,299
CHR6	3264819	CHR6:3264819	SSF x Far_LoA	-6,622	-0,049	0,284
CHR6	3270049	CHR6:3270049	SSF x Far_LoA	-10,917	-0,046	0,299
CHR6	3297256	CHR6:3297256	SSF x Far_LoA	-11,579	0,040	0,284
CHR6	3297312	CHR6:3297312	SSF x Far_LoA	-6,996	0,147	0,300
CHR6	3301916	CHR6:3301916	SSF x Far_LoA	-9,497	0,105	0,294
CHR6	3301924	CHR6:3301924	SSF x Far_LoA	-10,799	0,041	0,293
CHR6	3301928	CHR6:3301928	SSF x Far_LoA	-6,951	0,116	0,302
CHR6	3301952	CHR6:3301952	SSF x Far_LoA	-9,680	0,006	0,297

CHR6	3301957	CHR6:3301957	SSF x Far_LoA	-9,886	0,042	0,290
CHR6	3306126	CHR6:3306126	SSF x Far_LoA	-3,780	-0,116	0,290
CHR6	3309828	CHR6:3309828	SSF x Far_LoA	-10,286	-0,065	0,285
CHR6	3318235	CHR6:3318235	SSF x Far_LoA	-8,615	-0,043	0,306
CHR6	3318371	CHR6:3318371	SSF x Far_LoA	-9,762	-0,039	0,295
CHR6	3318555	CHR6:3318555	SSF x Far_LoA	-7,697	-0,053	0,302
CHR6	3322048	CHR6:3322048	SSF x Far_LoA	-10,523	0,103	0,289
CHR6	3322067	CHR6:3322067	SSF x Far_LoA	-9,157	0,018	0,307
CHR6	3372292	CHR6:3372292	SSF x Far_LoA	-10,451	0,028	0,276
CHR6	3372337	CHR6:3372337	SSF x Far_LoA	-8,869	0,049	0,307
CHR6	3372373	CHR6:3372373	SSF x Far_LoA	-9,323	0,087	0,272
CHR6	3372416	CHR6:3372416	SSF x Far_LoA	-6,795	0,002	0,291
CHR6	3372441	CHR6:3372441	SSF x Far_LoA	-9,533	-0,005	0,282
CHR6	3372447	CHR6:3372447	SSF x Far_LoA	-6,133	-0,116	0,292
CHR6	3393794	CHR6:3393794	SSF x Far_LoA	-8,600	-0,070	0,279
CHR6	3396744	CHR6:3396744	SSF x Far_LoA	-10,153	-0,056	0,304
CHR6	3396756	CHR6:3396756	SSF x Far_LoA	-11,108	0,042	0,286
CHR6	3396801	CHR6:3396801	SSF x Far_LoA	-4,613	0,060	0,291
CHR6	3396814	CHR6:3396814	SSF x Far_LoA	-7,175	0,025	0,302
CHR6	3396833	CHR6:3396833	SSF x Far_LoA	-8,912	0,063	0,299
CHR6	3396834	CHR6:3396834	SSF x Far_LoA	-6,999	0,080	0,298
CHR6	3396846	CHR6:3396846	SSF x Far_LoA	-6,362	0,003	0,291
CHR6	3397506	CHR6:3397506	SSF x Far_LoA	-9,011	0,109	0,282
CHR6	3397515	CHR6:3397515	SSF x Far_LoA	-11,064	-0,016	0,283
CHR6	3397606	CHR6:3397606	SSF x Far_LoA	-10,867	0,072	0,294
CHR6	3402960	CHR6:3402960	SSF x Far_LoA	-10,130	-0,041	0,282
CHR6	3402971	CHR6:3402971	SSF x Far_LoA	-9,356	-0,049	0,295
CHR6	3402993	CHR6:3402993	SSF x Far_LoA	-7,794	-0,114	0,288
CHR6	3413649	CHR6:3413649	SSF x Far_LoA	-11,052	0,110	0,289
CHR6	3413953	CHR6:3413953	SSF x Far_LoA	-10,062	0,094	0,282
CHR6	3418412	CHR6:3418412	SSF x Far_LoA	-11,918	-0,003	0,286
CHR6	3418597	CHR6:3418597	SSF x Far_LoA	-11,759	0,075	0,286
CHR6	3418606	CHR6:3418606	SSF x Far_LoA	-7,764	0,051	0,296
CHR6	3432651	CHR6:3432651	SSF x Far_LoA	-11,880	0,038	0,288
CHR6	3432748	CHR6:3432748	SSF x Far_LoA	-10,339	-0,085	0,284
CHR6	3448923	CHR6:3448923	SSF x Far_LoA	-10,223	-0,011	0,287
CHR6	3455494	CHR6:3455494	SSF x Far_LoA	-10,115	-0,032	0,296
CHR6	3455676	CHR6:3455676	SSF x Far_LoA	-11,623	-0,045	0,290
CHR6	3468247	CHR6:3468247	SSF x Far_LoA	-7,971	-0,012	0,276
CHR6	3478974	CHR6:3478974	SSF x Far_LoA	-9,873	0,035	0,307
CHR6	3478990	CHR6:3478990	SSF x Far_LoA	-7,647	0,096	0,293
CHR6	3479020	CHR6:3479020	SSF x Far_LoA	-8,662	0,109	0,287
CHR6	3479076	CHR6:3479076	SSF x Far_LoA	-9,569	0,017	0,279
CHR6	3479078	CHR6:3479078	SSF x Far_LoA	-8,998	0,084	0,292
CHR6	3479147	CHR6:3479147	SSF x Far_LoA	-10,957	0,027	0,276
CHR6	3479200	CHR6:3479200	SSF x Far_LoA	-8,841	0,018	0,291
CHR6	3479203	CHR6:3479203	SSF x Far_LoA	-9,579	0,004	0,293
CHR6	3479246	CHR6:3479246	SSF x Far_LoA	1,462	0,073	0,290
CHR6	3480954	CHR6:3480954	SSF x Far_LoA	-9,384	0,043	0,293
CHR6	3481049	CHR6:3481049	SSF x Far_LoA	-10,652	-0,022	0,278
CHR6	3488342	CHR6:3488342	SSF x Far_LoA	-11,552	0,044	0,290
CHR6	3491241	CHR6:3491241	SSF x Far_LoA	-4,181	0,189	0,294
CHR6	3491267	CHR6:3491267	SSF x Far_LoA	-3,218	-0,109	0,286

CHR6	3491593	CHR6:3491593	SSF x Far_LoA	-7,239	0,078	0,305
CHR6	349709	CHR6:349709	SSF x Far_LoA	-10,539	-0,014	0,294
CHR6	349789	CHR6:349789	SSF x Far_LoA	-10,213	0,074	0,291
CHR6	3500008	CHR6:3500008	SSF x Far_LoA	-9,487	-0,023	0,293
CHR6	3502666	CHR6:3502666	SSF x Far_LoA	-1,530	0,169	0,282
CHR6	3520308	CHR6:3520308	SSF x Far_LoA	-10,327	0,064	0,286
CHR6	3576576	CHR6:3576576	SSF x Far_LoA	-7,934	0,003	0,284
CHR6	3612118	CHR6:3612118	SSF x Far_LoA	-8,828	0,001	0,295
CHR6	3612125	CHR6:3612125	SSF x Far_LoA	-8,988	-0,010	0,290
CHR6	3616463	CHR6:3616463	SSF x Far_LoA	-9,130	0,031	0,288
CHR6	3616561	CHR6:3616561	SSF x Far_LoA	-6,536	0,130	0,299
CHR6	3616611	CHR6:3616611	SSF x Far_LoA	-7,240	0,148	0,282
CHR6	3619852	CHR6:3619852	SSF x Far_LoA	-9,947	-0,041	0,285
CHR6	3619933	CHR6:3619933	SSF x Far_LoA	-11,324	0,044	0,282
CHR6	362206	CHR6:362206	SSF x Far_LoA	-9,690	0,169	0,288
CHR6	362374	CHR6:362374	SSF x Far_LoA	-8,192	-0,084	0,300
CHR6	3629758	CHR6:3629758	SSF x Far_LoA	-11,134	-0,037	0,286
CHR6	3637881	CHR6:3637881	SSF x Far_LoA	-8,831	-0,065	0,295
CHR6	3637989	CHR6:3637989	SSF x Far_LoA	-8,779	-0,182	0,282
CHR6	3674555	CHR6:3674555	SSF x Far_LoA	-8,883	0,004	0,299
CHR6	3674768	CHR6:3674768	SSF x Far_LoA	-4,431	0,231	0,286
CHR6	3677473	CHR6:3677473	SSF x Far_LoA	-8,811	0,082	0,303
CHR6	3677548	CHR6:3677548	SSF x Far_LoA	-7,602	0,120	0,298
CHR6	3680379	CHR6:3680379	SSF x Far_LoA	-7,495	-0,159	0,266
CHR6	3680531	CHR6:3680531	SSF x Far_LoA	-9,555	0,019	0,297
CHR6	3682389	CHR6:3682389	SSF x Far_LoA	-6,744	0,079	0,287
CHR6	3723738	CHR6:3723738	SSF x Far_LoA	-9,320	-0,072	0,287
CHR6	3726943	CHR6:3726943	SSF x Far_LoA	-9,694	-0,063	0,280
CHR6	3779120	CHR6:3779120	SSF x Far_LoA	-10,085	-0,010	0,268
CHR6	3779142	CHR6:3779142	SSF x Far_LoA	-11,617	0,067	0,292
CHR6	3779373	CHR6:3779373	SSF x Far_LoA	-7,942	-0,082	0,305
CHR6	3789919	CHR6:3789919	SSF x Far_LoA	-10,358	0,003	0,277
CHR6	3799467	CHR6:3799467	SSF x Far_LoA	-10,047	-0,034	0,293
CHR6	3799484	CHR6:3799484	SSF x Far_LoA	-7,934	-0,088	0,292
CHR6	3805389	CHR6:3805389	SSF x Far_LoA	0,594	0,040	0,296
CHR6	3809379	CHR6:3809379	SSF x Far_LoA	-10,996	0,058	0,285
CHR6	3809421	CHR6:3809421	SSF x Far_LoA	-10,449	0,091	0,283
CHR6	3809454	CHR6:3809454	SSF x Far_LoA	-11,352	0,066	0,282
CHR6	3820559	CHR6:3820559	SSF x Far_LoA	-9,811	-0,020	0,284
CHR6	3820568	CHR6:3820568	SSF x Far_LoA	-10,734	-0,029	0,287
CHR6	3820678	CHR6:3820678	SSF x Far_LoA	-9,533	0,031	0,279
CHR6	3823969	CHR6:3823969	SSF x Far_LoA	-10,172	0,023	0,307
CHR6	3823990	CHR6:3823990	SSF x Far_LoA	-7,980	0,036	0,295
CHR6	3824025	CHR6:3824025	SSF x Far_LoA	-9,231	0,125	0,283
CHR6	3824040	CHR6:3824040	SSF x Far_LoA	-8,597	0,102	0,294
CHR6	3824081	CHR6:3824081	SSF x Far_LoA	-11,958	-0,020	0,296
CHR6	3824104	CHR6:3824104	SSF x Far_LoA	-6,902	0,166	0,287
CHR6	3826398	CHR6:3826398	SSF x Far_LoA	-7,789	0,005	0,303
CHR6	3826573	CHR6:3826573	SSF x Far_LoA	-7,293	0,131	0,293
CHR6	3826603	CHR6:3826603	SSF x Far_LoA	-10,353	-0,051	0,295
CHR6	3834465	CHR6:3834465	SSF x Far_LoA	-8,777	0,049	0,279
CHR6	3834476	CHR6:3834476	SSF x Far_LoA	-8,880	-0,022	0,305
CHR6	3834500	CHR6:3834500	SSF x Far_LoA	-8,411	-0,160	0,295

CHR6	3834529	CHR6:3834529	SSF x Far_LoA	-9,223	0,019	0,281
CHR6	3834539	CHR6:3834539	SSF x Far_LoA	-9,081	0,060	0,281
CHR6	3834578	CHR6:3834578	SSF x Far_LoA	-8,986	0,037	0,297
CHR6	3834605	CHR6:3834605	SSF x Far_LoA	-11,292	0,107	0,277
CHR6	3834612	CHR6:3834612	SSF x Far_LoA	-11,952	-0,039	0,286
CHR6	3834657	CHR6:3834657	SSF x Far_LoA	-8,550	-0,034	0,298
CHR6	3834686	CHR6:3834686	SSF x Far_LoA	-7,822	0,014	0,303
CHR6	3834823	CHR6:3834823	SSF x Far_LoA	-10,730	-0,042	0,284
CHR6	3834853	CHR6:3834853	SSF x Far_LoA	-6,992	0,181	0,282
CHR6	3843927	CHR6:3843927	SSF x Far_LoA	-9,603	-0,076	0,291
CHR6	3844080	CHR6:3844080	SSF x Far_LoA	-8,071	-0,070	0,271
CHR6	3850492	CHR6:3850492	SSF x Far_LoA	-7,534	-0,114	0,287
CHR6	3850571	CHR6:3850571	SSF x Far_LoA	-5,905	-0,150	0,275
CHR6	3850606	CHR6:3850606	SSF x Far_LoA	-6,110	0,123	0,290
CHR6	3850625	CHR6:3850625	SSF x Far_LoA	-8,620	0,123	0,291
CHR6	3850654	CHR6:3850654	SSF x Far_LoA	-9,643	0,128	0,283
CHR6	3850659	CHR6:3850659	SSF x Far_LoA	-8,706	0,099	0,294
CHR6	3850666	CHR6:3850666	SSF x Far_LoA	-0,967	-0,122	0,283
CHR6	3850667	CHR6:3850667	SSF x Far_LoA	-8,208	0,127	0,287
CHR6	3850679	CHR6:3850679	SSF x Far_LoA	-9,664	0,120	0,285
CHR6	3850691	CHR6:3850691	SSF x Far_LoA	-10,343	-0,027	0,294
CHR6	3850793	CHR6:3850793	SSF x Far_LoA	-10,908	-0,081	0,284
CHR6	3850820	CHR6:3850820	SSF x Far_LoA	-12,002	0,039	0,284
CHR6	3860326	CHR6:3860326	SSF x Far_LoA	-10,483	0,062	0,304
CHR6	3860404	CHR6:3860404	SSF x Far_LoA	-10,412	0,057	0,300
CHR6	3860414	CHR6:3860414	SSF x Far_LoA	-9,327	0,004	0,270
CHR6	3878908	CHR6:3878908	SSF x Far_LoA	-10,753	-0,064	0,296
CHR6	3879563	CHR6:3879563	SSF x Far_LoA	-8,775	-0,096	0,287
CHR6	3910113	CHR6:3910113	SSF x Far_LoA	-9,384	0,031	0,291
CHR6	3918225	CHR6:3918225	SSF x Far_LoA	-7,591	-0,187	0,282
CHR6	3918241	CHR6:3918241	SSF x Far_LoA	-10,351	0,021	0,292
CHR6	3918259	CHR6:3918259	SSF x Far_LoA	-6,288	-0,182	0,285
CHR6	3918262	CHR6:3918262	SSF x Far_LoA	-11,926	0,026	0,287
CHR6	3936136	CHR6:3936136	SSF x Far_LoA	-6,016	-0,007	0,304
CHR6	3942528	CHR6:3942528	SSF x Far_LoA	-11,658	-0,046	0,297
CHR6	3942529	CHR6:3942529	SSF x Far_LoA	-8,911	0,015	0,301
CHR6	394362	CHR6:394362	SSF x Far_LoA	-11,973	0,032	0,300
CHR6	394383	CHR6:394383	SSF x Far_LoA	-8,855	0,016	0,279
CHR6	394490	CHR6:394490	SSF x Far_LoA	-3,538	0,167	0,280
CHR6	3961893	CHR6:3961893	SSF x Far_LoA	-8,125	0,125	0,265
CHR6	3961918	CHR6:3961918	SSF x Far_LoA	-7,605	-0,079	0,281
CHR6	3962038	CHR6:3962038	SSF x Far_LoA	-5,795	0,067	0,288
CHR6	3976485	CHR6:3976485	SSF x Far_LoA	-11,181	-0,073	0,287
CHR6	3981126	CHR6:3981126	SSF x Far_LoA	-10,727	0,048	0,290
CHR6	3982137	CHR6:3982137	SSF x Far_LoA	-11,163	0,050	0,288
CHR6	3982159	CHR6:3982159	SSF x Far_LoA	-8,744	-0,102	0,293
CHR6	3982194	CHR6:3982194	SSF x Far_LoA	-8,580	0,124	0,274
CHR6	398317	CHR6:398317	SSF x Far_LoA	-6,828	0,099	0,285
CHR6	3996580	CHR6:3996580	SSF x Far_LoA	-9,453	-0,103	0,296
CHR6	3996605	CHR6:3996605	SSF x Far_LoA	-11,549	0,000	0,288
CHR6	4018582	CHR6:4018582	SSF x Far_LoA	-9,090	-0,021	0,304
CHR6	4018584	CHR6:4018584	SSF x Far_LoA	-4,235	-0,044	0,302
CHR6	4018586	CHR6:4018586	SSF x Far_LoA	1,366	-0,032	0,288

CHR6	4018608	CHR6:4018608	SSF x Far_LoA	-8,704	-0,042	0,307
CHR6	4018634	CHR6:4018634	SSF x Far_LoA	-7,342	0,099	0,285
CHR6	4018691	CHR6:4018691	SSF x Far_LoA	-10,912	-0,078	0,279
CHR6	4021998	CHR6:4021998	SSF x Far_LoA	-10,248	0,099	0,285
CHR6	4022030	CHR6:4022030	SSF x Far_LoA	-3,996	-0,071	0,297
CHR6	4022046	CHR6:4022046	SSF x Far_LoA	-9,890	0,058	0,288
CHR6	4022079	CHR6:4022079	SSF x Far_LoA	-10,110	0,007	0,288
CHR6	4027809	CHR6:4027809	SSF x Far_LoA	-9,234	-0,026	0,289
CHR6	4027875	CHR6:4027875	SSF x Far_LoA	-4,701	-0,088	0,291
CHR6	4027909	CHR6:4027909	SSF x Far_LoA	-7,429	0,006	0,307
CHR6	4034506	CHR6:4034506	SSF x Far_LoA	-9,392	0,006	0,291
CHR6	4037014	CHR6:4037014	SSF x Far_LoA	-9,457	0,042	0,295
CHR6	4037065	CHR6:4037065	SSF x Far_LoA	-9,418	0,141	0,284
CHR6	4037100	CHR6:4037100	SSF x Far_LoA	-6,076	0,002	0,302
CHR6	4037107	CHR6:4037107	SSF x Far_LoA	-5,739	0,043	0,286
CHR6	4042897	CHR6:4042897	SSF x Far_LoA	-11,078	0,021	0,298
CHR6	4043018	CHR6:4043018	SSF x Far_LoA	-9,822	0,037	0,293
CHR6	4043156	CHR6:4043156	SSF x Far_LoA	-5,459	0,122	0,291
CHR6	4043217	CHR6:4043217	SSF x Far_LoA	-4,815	0,030	0,293
CHR6	4063614	CHR6:4063614	SSF x Far_LoA	-9,294	0,012	0,287
CHR6	4071429	CHR6:4071429	SSF x Far_LoA	-8,174	-0,125	0,293
CHR6	4071534	CHR6:4071534	SSF x Far_LoA	-10,447	0,037	0,292
CHR6	4088606	CHR6:4088606	SSF x Far_LoA	-8,314	-0,059	0,300
CHR6	4104464	CHR6:4104464	SSF x Far_LoA	-6,946	-0,054	0,302
CHR6	4104561	CHR6:4104561	SSF x Far_LoA	-8,433	0,068	0,289
CHR6	4104710	CHR6:4104710	SSF x Far_LoA	0,899	-0,006	0,294
CHR6	4109386	CHR6:4109386	SSF x Far_LoA	-10,108	0,033	0,293
CHR6	4109463	CHR6:4109463	SSF x Far_LoA	-10,871	-0,059	0,284
CHR6	4134630	CHR6:4134630	SSF x Far_LoA	-7,209	0,075	0,290
CHR6	4134750	CHR6:4134750	SSF x Far_LoA	-9,393	-0,038	0,293
CHR6	4143193	CHR6:4143193	SSF x Far_LoA	-9,443	-0,066	0,303
CHR6	4143263	CHR6:4143263	SSF x Far_LoA	-9,172	0,039	0,292
CHR6	4143483	CHR6:4143483	SSF x Far_LoA	-7,626	-0,087	0,303
CHR6	4146062	CHR6:4146062	SSF x Far_LoA	-8,301	-0,003	0,293
CHR6	4146213	CHR6:4146213	SSF x Far_LoA	-9,193	0,055	0,288
CHR6	4147219	CHR6:4147219	SSF x Far_LoA	-9,612	-0,005	0,296
CHR6	4147290	CHR6:4147290	SSF x Far_LoA	-9,940	-0,033	0,291
CHR6	4154045	CHR6:4154045	SSF x Far_LoA	-3,955	-0,129	0,296
CHR6	4154072	CHR6:4154072	SSF x Far_LoA	-8,996	0,013	0,305
CHR6	4154168	CHR6:4154168	SSF x Far_LoA	-10,034	-0,091	0,283
CHR6	4154181	CHR6:4154181	SSF x Far_LoA	-11,284	-0,003	0,275
CHR6	4154185	CHR6:4154185	SSF x Far_LoA	-5,971	0,005	0,290
CHR6	4154206	CHR6:4154206	SSF x Far_LoA	-8,953	0,113	0,301
CHR6	4154239	CHR6:4154239	SSF x Far_LoA	-9,785	0,117	0,304
CHR6	4162542	CHR6:4162542	SSF x Far_LoA	-7,517	0,036	0,297
CHR6	4164050	CHR6:4164050	SSF x Far_LoA	-6,484	0,034	0,295
CHR6	4165365	CHR6:4165365	SSF x Far_LoA	-6,553	0,146	0,272
CHR6	4165481	CHR6:4165481	SSF x Far_LoA	-6,401	0,152	0,268
CHR6	4169332	CHR6:4169332	SSF x Far_LoA	-9,292	-0,103	0,293
CHR6	420150	CHR6:420150	SSF x Far_LoA	-11,098	0,029	0,287
CHR6	420244	CHR6:420244	SSF x Far_LoA	-10,588	0,077	0,292
CHR6	420264	CHR6:420264	SSF x Far_LoA	-9,596	0,068	0,286
CHR6	420373	CHR6:420373	SSF x Far_LoA	-6,557	0,094	0,273

CHR6	4211641	CHR6:4211641	SSF x Far_LoA	-11,541	-0,013	0,277
CHR6	4222350	CHR6:4222350	SSF x Far_LoA	-8,845	0,058	0,293
CHR6	4222399	CHR6:4222399	SSF x Far_LoA	-10,711	-0,006	0,289
CHR6	4223440	CHR6:4223440	SSF x Far_LoA	-11,723	0,015	0,298
CHR6	4223497	CHR6:4223497	SSF x Far_LoA	-10,155	-0,029	0,309
CHR6	4223504	CHR6:4223504	SSF x Far_LoA	-8,706	-0,074	0,308
CHR6	4223581	CHR6:4223581	SSF x Far_LoA	-9,050	-0,014	0,278
CHR6	4223676	CHR6:4223676	SSF x Far_LoA	-6,613	0,198	0,265
CHR6	4223692	CHR6:4223692	SSF x Far_LoA	-8,901	0,111	0,283
CHR6	4225635	CHR6:4225635	SSF x Far_LoA	-11,473	-0,059	0,278
CHR6	4225687	CHR6:4225687	SSF x Far_LoA	-8,869	-0,027	0,299
CHR6	4232650	CHR6:4232650	SSF x Far_LoA	-10,275	0,105	0,283
CHR6	4232676	CHR6:4232676	SSF x Far_LoA	-9,512	-0,081	0,291
CHR6	4234569	CHR6:4234569	SSF x Far_LoA	-8,868	0,092	0,277
CHR6	4234592	CHR6:4234592	SSF x Far_LoA	-7,908	0,010	0,299
CHR6	4234640	CHR6:4234640	SSF x Far_LoA	-10,310	0,027	0,280
CHR6	4234656	CHR6:4234656	SSF x Far_LoA	-10,372	0,044	0,290
CHR6	4234693	CHR6:4234693	SSF x Far_LoA	-4,538	0,026	0,275
CHR6	4236812	CHR6:4236812	SSF x Far_LoA	-9,524	0,022	0,304
CHR6	4236837	CHR6:4236837	SSF x Far_LoA	-9,622	-0,014	0,292
CHR6	4236852	CHR6:4236852	SSF x Far_LoA	-10,493	-0,013	0,286
CHR6	4237062	CHR6:4237062	SSF x Far_LoA	-5,728	-0,049	0,286
CHR6	4254370	CHR6:4254370	SSF x Far_LoA	-8,711	0,056	0,296
CHR6	4254474	CHR6:4254474	SSF x Far_LoA	-7,444	-0,057	0,283
CHR6	4254483	CHR6:4254483	SSF x Far_LoA	-9,302	0,001	0,281
CHR6	4254513	CHR6:4254513	SSF x Far_LoA	-8,931	-0,005	0,296
CHR6	4254642	CHR6:4254642	SSF x Far_LoA	-10,900	-0,001	0,305
CHR6	4265542	CHR6:4265542	SSF x Far_LoA	-10,382	-0,080	0,284
CHR6	4265673	CHR6:4265673	SSF x Far_LoA	-7,685	0,041	0,288
CHR6	4269766	CHR6:4269766	SSF x Far_LoA	-6,288	-0,146	0,275
CHR6	4270840	CHR6:4270840	SSF x Far_LoA	-9,655	-0,080	0,286
CHR6	4274531	CHR6:4274531	SSF x Far_LoA	-11,002	-0,021	0,297
CHR6	4275448	CHR6:4275448	SSF x Far_LoA	-7,279	0,179	0,287
CHR6	4275455	CHR6:4275455	SSF x Far_LoA	-6,897	0,142	0,295
CHR6	4275500	CHR6:4275500	SSF x Far_LoA	-9,503	0,039	0,298
CHR6	4285714	CHR6:4285714	SSF x Far_LoA	-1,945	0,128	0,297
CHR6	4286634	CHR6:4286634	SSF x Far_LoA	0,231	0,046	0,301
CHR6	4286639	CHR6:4286639	SSF x Far_LoA	-11,024	0,052	0,286
CHR6	4286660	CHR6:4286660	SSF x Far_LoA	-10,906	-0,065	0,288
CHR6	4286707	CHR6:4286707	SSF x Far_LoA	-5,177	0,003	0,300
CHR6	4286804	CHR6:4286804	SSF x Far_LoA	-10,981	0,057	0,264
CHR6	4286848	CHR6:4286848	SSF x Far_LoA	-8,353	0,002	0,294
CHR6	4286885	CHR6:4286885	SSF x Far_LoA	-10,024	0,041	0,300
CHR6	4286893	CHR6:4286893	SSF x Far_LoA	-9,329	0,050	0,300
CHR6	4288640	CHR6:4288640	SSF x Far_LoA	-8,787	0,050	0,287
CHR6	4288906	CHR6:4288906	SSF x Far_LoA	-9,442	0,016	0,287
CHR6	4299233	CHR6:4299233	SSF x Far_LoA	-9,411	-0,024	0,292
CHR6	4299287	CHR6:4299287	SSF x Far_LoA	-9,675	0,014	0,291
CHR6	4299337	CHR6:4299337	SSF x Far_LoA	-8,634	0,137	0,283
CHR6	4301605	CHR6:4301605	SSF x Far_LoA	3,436	-0,064	0,295
CHR6	4301644	CHR6:4301644	SSF x Far_LoA	-8,556	-0,065	0,282
CHR6	431060	CHR6:431060	SSF x Far_LoA	-9,212	-0,007	0,297
CHR6	431067	CHR6:431067	SSF x Far_LoA	-10,120	-0,028	0,301

CHR6	431076	CHR6:431076	SSF x Far_LoA	-11,190	0,073	0,292
CHR6	431084	CHR6:431084	SSF x Far_LoA	-10,226	-0,038	0,292
CHR6	431095	CHR6:431095	SSF x Far_LoA	-10,310	-0,046	0,292
CHR6	431197	CHR6:431197	SSF x Far_LoA	-9,696	-0,033	0,290
CHR6	4318279	CHR6:4318279	SSF x Far_LoA	-7,642	0,146	0,277
CHR6	4318292	CHR6:4318292	SSF x Far_LoA	0,590	0,005	0,293
CHR6	4318353	CHR6:4318353	SSF x Far_LoA	-8,398	-0,057	0,283
CHR6	4322370	CHR6:4322370	SSF x Far_LoA	-8,741	0,016	0,287
CHR6	4322392	CHR6:4322392	SSF x Far_LoA	-9,562	-0,003	0,296
CHR6	4322419	CHR6:4322419	SSF x Far_LoA	-10,252	0,008	0,283
CHR6	4322545	CHR6:4322545	SSF x Far_LoA	-10,833	0,017	0,293
CHR6	4322705	CHR6:4322705	SSF x Far_LoA	-10,109	-0,030	0,289
CHR6	4381579	CHR6:4381579	SSF x Far_LoA	-11,016	0,047	0,292
CHR6	439786	CHR6:439786	SSF x Far_LoA	-10,644	-0,007	0,285
CHR6	4403503	CHR6:4403503	SSF x Far_LoA	-7,054	0,090	0,286
CHR6	4403529	CHR6:4403529	SSF x Far_LoA	-11,039	-0,074	0,293
CHR6	4412203	CHR6:4412203	SSF x Far_LoA	-9,352	-0,034	0,302
CHR6	4412340	CHR6:4412340	SSF x Far_LoA	-9,761	-0,120	0,298
CHR6	4425709	CHR6:4425709	SSF x Far_LoA	-10,469	0,008	0,287
CHR6	4440971	CHR6:4440971	SSF x Far_LoA	-11,082	-0,049	0,304
CHR6	4440984	CHR6:4440984	SSF x Far_LoA	-2,620	-0,141	0,305
CHR6	4441200	CHR6:4441200	SSF x Far_LoA	-9,820	0,013	0,286
CHR6	445736	CHR6:445736	SSF x Far_LoA	-8,970	0,004	0,293
CHR6	445738	CHR6:445738	SSF x Far_LoA	-8,853	-0,001	0,306
CHR6	445741	CHR6:445741	SSF x Far_LoA	-6,847	0,006	0,311
CHR6	445746	CHR6:445746	SSF x Far_LoA	-9,525	-0,005	0,291
CHR6	445754	CHR6:445754	SSF x Far_LoA	-7,547	0,018	0,311
CHR6	445758	CHR6:445758	SSF x Far_LoA	-8,950	0,024	0,303
CHR6	445759	CHR6:445759	SSF x Far_LoA	-8,338	0,026	0,317
CHR6	445789	CHR6:445789	SSF x Far_LoA	-8,568	0,009	0,307
CHR6	445800	CHR6:445800	SSF x Far_LoA	-8,282	-0,004	0,303
CHR6	445802	CHR6:445802	SSF x Far_LoA	-8,609	0,017	0,299
CHR6	445810	CHR6:445810	SSF x Far_LoA	-8,268	-0,019	0,313
CHR6	445829	CHR6:445829	SSF x Far_LoA	-9,364	-0,004	0,299
CHR6	4463375	CHR6:4463375	SSF x Far_LoA	-9,869	-0,030	0,298
CHR6	4463376	CHR6:4463376	SSF x Far_LoA	-9,044	-0,022	0,296
CHR6	4463411	CHR6:4463411	SSF x Far_LoA	-0,230	0,072	0,296
CHR6	4465380	CHR6:4465380	SSF x Far_LoA	-10,794	0,002	0,292
CHR6	4465468	CHR6:4465468	SSF x Far_LoA	-10,364	0,069	0,292
CHR6	4465481	CHR6:4465481	SSF x Far_LoA	-9,394	0,039	0,296
CHR6	4465742	CHR6:4465742	SSF x Far_LoA	-7,837	-0,062	0,292
CHR6	4474435	CHR6:4474435	SSF x Far_LoA	-9,433	0,038	0,283
CHR6	4474464	CHR6:4474464	SSF x Far_LoA	-10,201	-0,038	0,285
CHR6	4474470	CHR6:4474470	SSF x Far_LoA	-9,459	-0,076	0,279
CHR6	4474490	CHR6:4474490	SSF x Far_LoA	-8,769	0,005	0,303
CHR6	4474491	CHR6:4474491	SSF x Far_LoA	-7,995	-0,116	0,294
CHR6	4474502	CHR6:4474502	SSF x Far_LoA	-7,676	-0,028	0,296
CHR6	4474514	CHR6:4474514	SSF x Far_LoA	-4,318	-0,033	0,292
CHR6	4474584	CHR6:4474584	SSF x Far_LoA	-7,938	-0,160	0,283
CHR6	4474634	CHR6:4474634	SSF x Far_LoA	-8,193	0,146	0,297
CHR6	4474635	CHR6:4474635	SSF x Far_LoA	-10,164	0,022	0,290
CHR6	4474638	CHR6:4474638	SSF x Far_LoA	-10,482	0,109	0,266
CHR6	4476331	CHR6:4476331	SSF x Far_LoA	-9,842	-0,038	0,301

CHR6	4476353	CHR6:4476353	SSF x Far_LoA	-7,399	0,016	0,290
CHR6	4501021	CHR6:4501021	SSF x Far_LoA	-7,847	-0,172	0,292
CHR6	4501286	CHR6:4501286	SSF x Far_LoA	-7,942	-0,027	0,297
CHR6	4516759	CHR6:4516759	SSF x Far_LoA	-10,040	0,055	0,300
CHR6	4518391	CHR6:4518391	SSF x Far_LoA	-10,258	0,033	0,285
CHR6	4518394	CHR6:4518394	SSF x Far_LoA	-10,123	0,057	0,278
CHR6	4518417	CHR6:4518417	SSF x Far_LoA	-7,747	-0,041	0,289
CHR6	4518420	CHR6:4518420	SSF x Far_LoA	-11,137	0,025	0,291
CHR6	4533362	CHR6:4533362	SSF x Far_LoA	-6,188	0,023	0,322
CHR6	4533364	CHR6:4533364	SSF x Far_LoA	-8,691	0,046	0,308
CHR6	4533478	CHR6:4533478	SSF x Far_LoA	-11,753	0,016	0,292
CHR6	4533519	CHR6:4533519	SSF x Far_LoA	-9,637	-0,082	0,266
CHR6	4533525	CHR6:4533525	SSF x Far_LoA	-4,160	0,181	0,279
CHR6	4533542	CHR6:4533542	SSF x Far_LoA	-9,298	-0,014	0,288
CHR6	4592759	CHR6:4592759	SSF x Far_LoA	-8,754	0,048	0,299
CHR6	4592905	CHR6:4592905	SSF x Far_LoA	-9,016	0,083	0,297
CHR6	4592981	CHR6:4592981	SSF x Far_LoA	-7,933	-0,033	0,291
CHR6	4592983	CHR6:4592983	SSF x Far_LoA	-6,995	0,092	0,273
CHR6	4595524	CHR6:4595524	SSF x Far_LoA	-10,819	-0,071	0,294
CHR6	4595525	CHR6:4595525	SSF x Far_LoA	-10,922	-0,076	0,290
CHR6	4595705	CHR6:4595705	SSF x Far_LoA	-9,758	-0,099	0,272
CHR6	4595715	CHR6:4595715	SSF x Far_LoA	-10,430	0,007	0,287
CHR6	4632136	CHR6:4632136	SSF x Far_LoA	-9,892	0,049	0,277
CHR6	4632204	CHR6:4632204	SSF x Far_LoA	-8,697	-0,015	0,282
CHR6	4633907	CHR6:4633907	SSF x Far_LoA	-10,250	-0,033	0,300
CHR6	4639551	CHR6:4639551	SSF x Far_LoA	-8,416	-0,117	0,285
CHR6	4639568	CHR6:4639568	SSF x Far_LoA	-9,717	0,126	0,292
CHR6	4639579	CHR6:4639579	SSF x Far_LoA	-9,406	-0,117	0,281
CHR6	4639795	CHR6:4639795	SSF x Far_LoA	-8,721	-0,088	0,288
CHR6	4639818	CHR6:4639818	SSF x Far_LoA	-4,805	-0,090	0,292
CHR6	4656573	CHR6:4656573	SSF x Far_LoA	-6,494	-0,072	0,282
CHR6	4656591	CHR6:4656591	SSF x Far_LoA	-7,775	-0,141	0,287
CHR6	4656626	CHR6:4656626	SSF x Far_LoA	-7,774	0,071	0,291
CHR6	4661738	CHR6:4661738	SSF x Far_LoA	-8,181	-0,101	0,298
CHR6	4661766	CHR6:4661766	SSF x Far_LoA	-6,276	-0,130	0,293
CHR6	4661871	CHR6:4661871	SSF x Far_LoA	-10,011	0,043	0,300
CHR6	4661881	CHR6:4661881	SSF x Far_LoA	-7,537	0,120	0,283
CHR6	4661910	CHR6:4661910	SSF x Far_LoA	-10,072	0,046	0,286
CHR6	4661918	CHR6:4661918	SSF x Far_LoA	-5,178	0,151	0,283
CHR6	4661962	CHR6:4661962	SSF x Far_LoA	1,307	0,003	0,310
CHR6	4667639	CHR6:4667639	SSF x Far_LoA	-10,921	0,020	0,300
CHR6	4667644	CHR6:4667644	SSF x Far_LoA	-8,222	0,012	0,305
CHR6	4667742	CHR6:4667742	SSF x Far_LoA	-8,642	-0,045	0,288
CHR6	4685187	CHR6:4685187	SSF x Far_LoA	-10,054	-0,015	0,277
CHR6	4685260	CHR6:4685260	SSF x Far_LoA	-8,400	0,013	0,311
CHR6	4686349	CHR6:4686349	SSF x Far_LoA	-7,568	-0,057	0,303
CHR6	4689568	CHR6:4689568	SSF x Far_LoA	-7,067	0,166	0,284
CHR6	4689575	CHR6:4689575	SSF x Far_LoA	-8,126	0,003	0,290
CHR6	4689650	CHR6:4689650	SSF x Far_LoA	-8,505	-0,073	0,298
CHR6	4714634	CHR6:4714634	SSF x Far_LoA	-9,107	0,028	0,276
CHR6	4714649	CHR6:4714649	SSF x Far_LoA	-9,656	0,150	0,281
CHR6	4714727	CHR6:4714727	SSF x Far_LoA	-10,701	0,036	0,303
CHR6	4714734	CHR6:4714734	SSF x Far_LoA	-6,611	0,140	0,280

CHR6	4714745	CHR6:4714745	SSF x Far_LoA	-9,800	-0,055	0,294
CHR6	4714752	CHR6:4714752	SSF x Far_LoA	-9,087	0,023	0,291
CHR6	4714778	CHR6:4714778	SSF x Far_LoA	-10,552	0,023	0,297
CHR6	4714821	CHR6:4714821	SSF x Far_LoA	-8,763	0,013	0,268
CHR6	4714878	CHR6:4714878	SSF x Far_LoA	-9,172	-0,037	0,299
CHR6	4722183	CHR6:4722183	SSF x Far_LoA	-7,547	0,086	0,302
CHR6	4722334	CHR6:4722334	SSF x Far_LoA	-7,595	-0,166	0,284
CHR6	472767	CHR6:472767	SSF x Far_LoA	-9,758	-0,034	0,277
CHR6	472802	CHR6:472802	SSF x Far_LoA	-8,423	0,033	0,277
CHR6	4757221	CHR6:4757221	SSF x Far_LoA	-8,755	-0,004	0,291
CHR6	4757262	CHR6:4757262	SSF x Far_LoA	-10,413	-0,020	0,289
CHR6	4757454	CHR6:4757454	SSF x Far_LoA	-9,478	-0,023	0,288
CHR6	4757466	CHR6:4757466	SSF x Far_LoA	-8,590	-0,032	0,292
CHR6	4769355	CHR6:4769355	SSF x Far_LoA	-9,649	-0,062	0,306
CHR6	4769361	CHR6:4769361	SSF x Far_LoA	-9,075	0,055	0,283
CHR6	477652	CHR6:477652	SSF x Far_LoA	-10,965	-0,012	0,301
CHR6	477664	CHR6:477664	SSF x Far_LoA	-9,065	-0,022	0,276
CHR6	4780505	CHR6:4780505	SSF x Far_LoA	-8,538	-0,086	0,289
CHR6	4782187	CHR6:4782187	SSF x Far_LoA	-10,545	0,023	0,286
CHR6	4785861	CHR6:4785861	SSF x Far_LoA	-8,533	-0,082	0,290
CHR6	4793546	CHR6:4793546	SSF x Far_LoA	-10,117	-0,017	0,287
CHR6	4809416	CHR6:4809416	SSF x Far_LoA	-4,123	-0,005	0,315
CHR6	4810697	CHR6:4810697	SSF x Far_LoA	-10,361	0,025	0,296
CHR6	4829079	CHR6:4829079	SSF x Far_LoA	-9,374	0,095	0,304
CHR6	4829084	CHR6:4829084	SSF x Far_LoA	-4,707	-0,075	0,299
CHR6	4829116	CHR6:4829116	SSF x Far_LoA	-9,772	0,031	0,284
CHR6	4829124	CHR6:4829124	SSF x Far_LoA	-9,950	0,010	0,297
CHR6	4830266	CHR6:4830266	SSF x Far_LoA	-7,659	-0,092	0,290
CHR6	4830267	CHR6:4830267	SSF x Far_LoA	-6,755	-0,112	0,293
CHR6	4840697	CHR6:4840697	SSF x Far_LoA	-8,949	0,172	0,274
CHR6	4840803	CHR6:4840803	SSF x Far_LoA	-10,220	0,057	0,288
CHR6	4864001	CHR6:4864001	SSF x Far_LoA	-7,038	-0,175	0,284
CHR6	487295	CHR6:487295	SSF x Far_LoA	-6,637	0,103	0,298
CHR6	487547	CHR6:487547	SSF x Far_LoA	-10,393	0,054	0,300
CHR6	487563	CHR6:487563	SSF x Far_LoA	-8,689	-0,025	0,293
CHR6	487605	CHR6:487605	SSF x Far_LoA	-9,920	0,023	0,304
CHR6	4903515	CHR6:4903515	SSF x Far_LoA	-11,056	0,010	0,286
CHR6	4903550	CHR6:4903550	SSF x Far_LoA	-7,016	-0,125	0,282
CHR6	4903564	CHR6:4903564	SSF x Far_LoA	-8,056	-0,132	0,289
CHR6	491674	CHR6:491674	SSF x Far_LoA	-8,354	0,123	0,275
CHR6	4917900	CHR6:4917900	SSF x Far_LoA	-11,554	-0,027	0,278
CHR6	4917939	CHR6:4917939	SSF x Far_LoA	-6,061	-0,099	0,281
CHR6	4918215	CHR6:4918215	SSF x Far_LoA	-11,140	0,011	0,294
CHR6	491849	CHR6:491849	SSF x Far_LoA	-8,768	-0,058	0,297
CHR6	4926601	CHR6:4926601	SSF x Far_LoA	-11,511	0,052	0,299
CHR6	4928909	CHR6:4928909	SSF x Far_LoA	-10,488	0,009	0,289
CHR6	4928993	CHR6:4928993	SSF x Far_LoA	-9,545	0,013	0,285
CHR6	4929133	CHR6:4929133	SSF x Far_LoA	-9,927	-0,001	0,283
CHR6	4935505	CHR6:4935505	SSF x Far_LoA	-7,670	0,082	0,290
CHR6	4941299	CHR6:4941299	SSF x Far_LoA	-9,121	-0,004	0,292
CHR6	4941328	CHR6:4941328	SSF x Far_LoA	-9,567	0,071	0,303
CHR6	4941354	CHR6:4941354	SSF x Far_LoA	-6,825	-0,008	0,306
CHR6	4941401	CHR6:4941401	SSF x Far_LoA	-8,521	-0,056	0,285

CHR6	4941408	CHR6:4941408	SSF x Far_LoA	-8,479	-0,028	0,300
CHR6	4941476	CHR6:4941476	SSF x Far_LoA	-9,875	0,118	0,289
CHR6	4941507	CHR6:4941507	SSF x Far_LoA	-11,495	-0,057	0,285
CHR6	4952202	CHR6:4952202	SSF x Far_LoA	-7,438	0,007	0,284
CHR6	4952203	CHR6:4952203	SSF x Far_LoA	-8,876	0,007	0,280
CHR6	4953073	CHR6:4953073	SSF x Far_LoA	-9,598	-0,002	0,302
CHR6	4953079	CHR6:4953079	SSF x Far_LoA	-7,674	-0,088	0,293
CHR6	4953090	CHR6:4953090	SSF x Far_LoA	-8,629	0,050	0,283
CHR6	4953095	CHR6:4953095	SSF x Far_LoA	-6,567	-0,100	0,280
CHR6	4953096	CHR6:4953096	SSF x Far_LoA	-8,057	-0,126	0,294
CHR6	4953111	CHR6:4953111	SSF x Far_LoA	-8,967	-0,056	0,294
CHR6	4973452	CHR6:4973452	SSF x Far_LoA	-9,721	-0,075	0,276
CHR6	4973819	CHR6:4973819	SSF x Far_LoA	-11,013	0,077	0,295
CHR6	5001040	CHR6:5001040	SSF x Far_LoA	-10,356	-0,056	0,293
CHR6	5005729	CHR6:5005729	SSF x Far_LoA	-10,538	0,005	0,298
CHR6	5005741	CHR6:5005741	SSF x Far_LoA	-12,059	-0,046	0,270
CHR6	5005773	CHR6:5005773	SSF x Far_LoA	-9,944	-0,070	0,292
CHR6	5005855	CHR6:5005855	SSF x Far_LoA	-9,643	-0,041	0,282
CHR6	5005872	CHR6:5005872	SSF x Far_LoA	-7,260	-0,099	0,288
CHR6	5011450	CHR6:5011450	SSF x Far_LoA	-10,010	-0,050	0,286
CHR6	5011473	CHR6:5011473	SSF x Far_LoA	-8,120	-0,102	0,284
CHR6	5011474	CHR6:5011474	SSF x Far_LoA	-7,339	-0,145	0,281
CHR6	5011503	CHR6:5011503	SSF x Far_LoA	-11,132	-0,060	0,292
CHR6	5012616	CHR6:5012616	SSF x Far_LoA	-7,868	-0,089	0,287
CHR6	502282	CHR6:502282	SSF x Far_LoA	-8,329	0,106	0,277
CHR6	502312	CHR6:502312	SSF x Far_LoA	-9,674	0,051	0,285
CHR6	5031501	CHR6:5031501	SSF x Far_LoA	-9,521	-0,033	0,290
CHR6	5044616	CHR6:5044616	SSF x Far_LoA	-9,801	-0,058	0,295
CHR6	5049117	CHR6:5049117	SSF x Far_LoA	-7,033	-0,184	0,261
CHR6	5049153	CHR6:5049153	SSF x Far_LoA	-7,576	0,127	0,270
CHR6	5049161	CHR6:5049161	SSF x Far_LoA	-12,145	-0,003	0,301
CHR6	5049293	CHR6:5049293	SSF x Far_LoA	-9,872	-0,036	0,291
CHR6	508860	CHR6:508860	SSF x Far_LoA	-9,503	0,063	0,287
CHR6	5097071	CHR6:5097071	SSF x Far_LoA	-10,348	-0,018	0,279
CHR6	5102020	CHR6:5102020	SSF x Far_LoA	-11,639	0,061	0,299
CHR6	5102029	CHR6:5102029	SSF x Far_LoA	-8,302	0,097	0,291
CHR6	5115237	CHR6:5115237	SSF x Far_LoA	-1,428	-0,091	0,297
CHR6	5115259	CHR6:5115259	SSF x Far_LoA	-8,699	-0,032	0,291
CHR6	5115543	CHR6:5115543	SSF x Far_LoA	-7,627	0,069	0,293
CHR6	5131775	CHR6:5131775	SSF x Far_LoA	-9,204	-0,068	0,277
CHR6	5131776	CHR6:5131776	SSF x Far_LoA	-12,568	-0,027	0,287
CHR6	5131788	CHR6:5131788	SSF x Far_LoA	-9,294	-0,054	0,280
CHR6	5131833	CHR6:5131833	SSF x Far_LoA	-10,216	-0,098	0,287
CHR6	5131851	CHR6:5131851	SSF x Far_LoA	-9,773	-0,110	0,289
CHR6	5131858	CHR6:5131858	SSF x Far_LoA	-7,784	-0,115	0,296
CHR6	5131863	CHR6:5131863	SSF x Far_LoA	-8,042	0,024	0,316
CHR6	5131872	CHR6:5131872	SSF x Far_LoA	-8,427	0,009	0,295
CHR6	5131874	CHR6:5131874	SSF x Far_LoA	-6,509	-0,138	0,286
CHR6	5146769	CHR6:5146769	SSF x Far_LoA	-11,504	0,030	0,299
CHR6	5146813	CHR6:5146813	SSF x Far_LoA	-7,560	-0,092	0,282
CHR6	5160530	CHR6:5160530	SSF x Far_LoA	-9,665	-0,048	0,308
CHR6	5160648	CHR6:5160648	SSF x Far_LoA	-8,186	0,024	0,301
CHR6	518328	CHR6:518328	SSF x Far_LoA	-10,761	-0,004	0,301

CHR6	5227077	CHR6:5227077	SSF x Far_LoA	-6,026	-0,093	0,296
CHR6	5227182	CHR6:5227182	SSF x Far_LoA	-10,420	-0,033	0,268
CHR6	5227346	CHR6:5227346	SSF x Far_LoA	-12,269	-0,055	0,282
CHR6	5227365	CHR6:5227365	SSF x Far_LoA	-10,686	-0,015	0,296
CHR6	5227438	CHR6:5227438	SSF x Far_LoA	-8,491	-0,102	0,291
CHR6	5227446	CHR6:5227446	SSF x Far_LoA	-8,759	-0,140	0,300
CHR6	5267022	CHR6:5267022	SSF x Far_LoA	-10,141	-0,087	0,291
CHR6	5267100	CHR6:5267100	SSF x Far_LoA	-7,575	0,118	0,301
CHR6	5267108	CHR6:5267108	SSF x Far_LoA	-7,017	-0,124	0,293
CHR6	5267112	CHR6:5267112	SSF x Far_LoA	-8,357	-0,082	0,297
CHR6	5267142	CHR6:5267142	SSF x Far_LoA	-11,183	-0,013	0,278
CHR6	5267154	CHR6:5267154	SSF x Far_LoA	-6,330	0,102	0,290
CHR6	5278583	CHR6:5278583	SSF x Far_LoA	-7,742	-0,027	0,290
CHR6	5278616	CHR6:5278616	SSF x Far_LoA	-10,190	-0,048	0,310
CHR6	5278648	CHR6:5278648	SSF x Far_LoA	-9,132	-0,030	0,302
CHR6	5278799	CHR6:5278799	SSF x Far_LoA	-10,545	-0,062	0,288
CHR6	5285446	CHR6:5285446	SSF x Far_LoA	-8,070	0,083	0,281
CHR6	5285514	CHR6:5285514	SSF x Far_LoA	-8,262	0,021	0,283
CHR6	5309106	CHR6:5309106	SSF x Far_LoA	-10,278	0,002	0,302
CHR6	5312221	CHR6:5312221	SSF x Far_LoA	-8,746	-0,085	0,285
CHR6	5312254	CHR6:5312254	SSF x Far_LoA	-8,928	-0,087	0,285
CHR6	5312289	CHR6:5312289	SSF x Far_LoA	-8,407	0,022	0,290
CHR6	5312309	CHR6:5312309	SSF x Far_LoA	-9,091	0,043	0,297
CHR6	5312405	CHR6:5312405	SSF x Far_LoA	-9,449	0,002	0,292
CHR6	5312434	CHR6:5312434	SSF x Far_LoA	-8,324	-0,040	0,307
CHR6	5312440	CHR6:5312440	SSF x Far_LoA	-9,090	-0,152	0,280
CHR6	5312444	CHR6:5312444	SSF x Far_LoA	-11,395	0,018	0,287
CHR6	5312474	CHR6:5312474	SSF x Far_LoA	-9,208	0,084	0,296
CHR6	5318773	CHR6:5318773	SSF x Far_LoA	-9,968	0,073	0,286
CHR6	5318833	CHR6:5318833	SSF x Far_LoA	-10,263	0,011	0,298
CHR6	5318958	CHR6:5318958	SSF x Far_LoA	-10,659	0,042	0,287
CHR6	5322082	CHR6:5322082	SSF x Far_LoA	-7,883	0,110	0,279
CHR6	5322151	CHR6:5322151	SSF x Far_LoA	-11,625	0,075	0,268
CHR6	5322167	CHR6:5322167	SSF x Far_LoA	-11,016	0,068	0,279
CHR6	5334309	CHR6:5334309	SSF x Far_LoA	-9,971	0,070	0,281
CHR6	5334348	CHR6:5334348	SSF x Far_LoA	-7,247	0,123	0,288
CHR6	5339795	CHR6:5339795	SSF x Far_LoA	-7,038	0,151	0,271
CHR6	5339879	CHR6:5339879	SSF x Far_LoA	-9,094	-0,130	0,300
CHR6	5340008	CHR6:5340008	SSF x Far_LoA	-10,699	-0,078	0,288
CHR6	5340126	CHR6:5340126	SSF x Far_LoA	-8,856	0,138	0,290
CHR6	5343634	CHR6:5343634	SSF x Far_LoA	-8,787	-0,122	0,300
CHR6	5343779	CHR6:5343779	SSF x Far_LoA	-8,796	-0,003	0,305
CHR6	5343805	CHR6:5343805	SSF x Far_LoA	-10,030	-0,098	0,274
CHR6	5360801	CHR6:5360801	SSF x Far_LoA	-6,288	-0,176	0,264
CHR6	5360812	CHR6:5360812	SSF x Far_LoA	-7,166	-0,079	0,304
CHR6	5361005	CHR6:5361005	SSF x Far_LoA	-10,438	-0,019	0,293
CHR6	5369945	CHR6:5369945	SSF x Far_LoA	-10,958	0,127	0,279
CHR6	5372117	CHR6:5372117	SSF x Far_LoA	-6,326	0,080	0,274
CHR6	5372164	CHR6:5372164	SSF x Far_LoA	-8,021	0,051	0,298
CHR6	5374149	CHR6:5374149	SSF x Far_LoA	-8,539	0,101	0,298
CHR6	5374190	CHR6:5374190	SSF x Far_LoA	-7,565	0,169	0,293
CHR6	5374221	CHR6:5374221	SSF x Far_LoA	-10,279	0,083	0,288
CHR6	5376304	CHR6:5376304	SSF x Far_LoA	-9,541	0,059	0,287

CHR6	5380945	CHR6:5380945	SSF x Far_LoA	-9,394	0,125	0,275
CHR6	5380979	CHR6:5380979	SSF x Far_LoA	-8,919	-0,104	0,285
CHR6	5381099	CHR6:5381099	SSF x Far_LoA	-10,022	0,100	0,300
CHR6	5406404	CHR6:5406404	SSF x Far_LoA	-11,027	-0,047	0,293
CHR6	5406626	CHR6:5406626	SSF x Far_LoA	-7,887	0,105	0,287
CHR6	5406639	CHR6:5406639	SSF x Far_LoA	-12,201	-0,092	0,281
CHR6	5406647	CHR6:5406647	SSF x Far_LoA	-5,893	0,081	0,292
CHR6	5410251	CHR6:5410251	SSF x Far_LoA	-11,855	-0,011	0,282
CHR6	5410455	CHR6:5410455	SSF x Far_LoA	-11,554	-0,013	0,288
CHR6	5419261	CHR6:5419261	SSF x Far_LoA	-9,676	-0,005	0,300
CHR6	5419334	CHR6:5419334	SSF x Far_LoA	-10,470	0,021	0,296
CHR6	5442397	CHR6:5442397	SSF x Far_LoA	-9,242	0,059	0,297
CHR6	5448405	CHR6:5448405	SSF x Far_LoA	-8,936	0,047	0,278
CHR6	5460695	CHR6:5460695	SSF x Far_LoA	-10,917	-0,039	0,306
CHR6	5460763	CHR6:5460763	SSF x Far_LoA	-7,463	0,075	0,282
CHR6	5460764	CHR6:5460764	SSF x Far_LoA	-8,245	0,093	0,282
CHR6	5462290	CHR6:5462290	SSF x Far_LoA	-6,608	-0,132	0,285
CHR6	5462378	CHR6:5462378	SSF x Far_LoA	-8,422	0,002	0,301
CHR6	5462381	CHR6:5462381	SSF x Far_LoA	-8,974	-0,002	0,297
CHR6	5473335	CHR6:5473335	SSF x Far_LoA	-10,796	0,040	0,281
CHR6	5473345	CHR6:5473345	SSF x Far_LoA	-10,886	0,057	0,291
CHR6	5473411	CHR6:5473411	SSF x Far_LoA	-9,898	0,036	0,296
CHR6	5473541	CHR6:5473541	SSF x Far_LoA	-6,408	-0,153	0,288
CHR6	5473584	CHR6:5473584	SSF x Far_LoA	-10,429	0,066	0,279
CHR6	5491864	CHR6:5491864	SSF x Far_LoA	-10,531	-0,088	0,289
CHR6	5491974	CHR6:5491974	SSF x Far_LoA	-7,083	0,113	0,270
CHR6	5491977	CHR6:5491977	SSF x Far_LoA	-7,620	-0,004	0,298
CHR6	5492052	CHR6:5492052	SSF x Far_LoA	-9,317	0,026	0,283
CHR6	5510479	CHR6:5510479	SSF x Far_LoA	-7,005	-0,014	0,301
CHR6	5510482	CHR6:5510482	SSF x Far_LoA	-10,520	-0,017	0,284
CHR6	5510489	CHR6:5510489	SSF x Far_LoA	-11,827	-0,033	0,289
CHR6	5510567	CHR6:5510567	SSF x Far_LoA	-10,563	-0,049	0,289
CHR6	5510580	CHR6:5510580	SSF x Far_LoA	-10,509	-0,059	0,281
CHR6	5518382	CHR6:5518382	SSF x Far_LoA	-9,491	0,035	0,286
CHR6	5518554	CHR6:5518554	SSF x Far_LoA	-7,296	-0,071	0,294
CHR6	5518620	CHR6:5518620	SSF x Far_LoA	-8,024	0,029	0,298
CHR6	5518627	CHR6:5518627	SSF x Far_LoA	-9,744	-0,032	0,294
CHR6	552552	CHR6:552552	SSF x Far_LoA	-8,865	-0,096	0,281
CHR6	552593	CHR6:552593	SSF x Far_LoA	-8,810	-0,019	0,296
CHR6	552672	CHR6:552672	SSF x Far_LoA	-9,318	0,050	0,279
CHR6	552707	CHR6:552707	SSF x Far_LoA	-8,414	-0,016	0,301
CHR6	552708	CHR6:552708	SSF x Far_LoA	-9,583	-0,061	0,298
CHR6	5527183	CHR6:5527183	SSF x Far_LoA	-8,623	0,033	0,278
CHR6	552724	CHR6:552724	SSF x Far_LoA	-9,518	-0,021	0,313
CHR6	552727	CHR6:552727	SSF x Far_LoA	-12,042	-0,037	0,291
CHR6	552728	CHR6:552728	SSF x Far_LoA	-11,024	-0,015	0,287
CHR6	5527590	CHR6:5527590	SSF x Far_LoA	-10,889	0,005	0,283
CHR6	552761	CHR6:552761	SSF x Far_LoA	-7,876	0,050	0,297
CHR6	5527731	CHR6:5527731	SSF x Far_LoA	-6,383	0,143	0,297
CHR6	552845	CHR6:552845	SSF x Far_LoA	-10,528	-0,049	0,288
CHR6	5529760	CHR6:5529760	SSF x Far_LoA	-8,057	-0,107	0,291
CHR6	5529769	CHR6:5529769	SSF x Far_LoA	-6,102	-0,147	0,274
CHR6	5529815	CHR6:5529815	SSF x Far_LoA	-6,231	0,227	0,261

CHR6	5529955	CHR6:5529955	SSF x Far_LoA	-11,001	-0,040	0,286
CHR6	5529967	CHR6:5529967	SSF x Far_LoA	-8,825	-0,068	0,298
CHR6	5535664	CHR6:5535664	SSF x Far_LoA	-9,078	0,000	0,289
CHR6	5535672	CHR6:5535672	SSF x Far_LoA	-9,829	-0,041	0,296
CHR6	5535681	CHR6:5535681	SSF x Far_LoA	-10,751	0,006	0,301
CHR6	5550521	CHR6:5550521	SSF x Far_LoA	-9,453	-0,074	0,301
CHR6	5550880	CHR6:5550880	SSF x Far_LoA	-6,692	0,094	0,298
CHR6	5563365	CHR6:5563365	SSF x Far_LoA	-11,114	0,097	0,275
CHR6	5563428	CHR6:5563428	SSF x Far_LoA	-8,792	0,080	0,286
CHR6	5563431	CHR6:5563431	SSF x Far_LoA	-8,506	0,078	0,286
CHR6	5563438	CHR6:5563438	SSF x Far_LoA	-9,264	0,018	0,274
CHR6	5563440	CHR6:5563440	SSF x Far_LoA	-8,772	-0,053	0,279
CHR6	5563480	CHR6:5563480	SSF x Far_LoA	-7,543	-0,094	0,304
CHR6	5563557	CHR6:5563557	SSF x Far_LoA	-6,756	0,128	0,293
CHR6	5565354	CHR6:5565354	SSF x Far_LoA	-7,728	0,140	0,287
CHR6	5565464	CHR6:5565464	SSF x Far_LoA	-9,939	0,082	0,289
CHR6	5565728	CHR6:5565728	SSF x Far_LoA	-10,011	0,007	0,307
CHR6	5571376	CHR6:5571376	SSF x Far_LoA	-8,370	-0,120	0,289
CHR6	5571409	CHR6:5571409	SSF x Far_LoA	-5,212	-0,153	0,283
CHR6	5571442	CHR6:5571442	SSF x Far_LoA	-8,564	-0,097	0,296
CHR6	5571629	CHR6:5571629	SSF x Far_LoA	-7,095	0,095	0,298
CHR6	5571630	CHR6:5571630	SSF x Far_LoA	-4,744	-0,099	0,304
CHR6	5571631	CHR6:5571631	SSF x Far_LoA	-10,136	-0,046	0,289
CHR6	5573776	CHR6:5573776	SSF x Far_LoA	-9,658	0,003	0,281
CHR6	5573818	CHR6:5573818	SSF x Far_LoA	-10,439	0,116	0,279
CHR6	5573821	CHR6:5573821	SSF x Far_LoA	-8,911	0,050	0,290
CHR6	5573944	CHR6:5573944	SSF x Far_LoA	-9,732	0,044	0,289
CHR6	5573962	CHR6:5573962	SSF x Far_LoA	-8,514	0,045	0,290
CHR6	5582859	CHR6:5582859	SSF x Far_LoA	-7,736	-0,044	0,292
CHR6	5589992	CHR6:5589992	SSF x Far_LoA	-10,028	0,129	0,279
CHR6	5592583	CHR6:5592583	SSF x Far_LoA	-10,273	-0,055	0,295
CHR6	5592616	CHR6:5592616	SSF x Far_LoA	-8,168	0,038	0,292
CHR6	5592661	CHR6:5592661	SSF x Far_LoA	-11,204	0,002	0,281
CHR6	5592706	CHR6:5592706	SSF x Far_LoA	-6,955	0,187	0,287
CHR6	5592732	CHR6:5592732	SSF x Far_LoA	-8,122	0,076	0,296
CHR6	5594669	CHR6:5594669	SSF x Far_LoA	-7,769	-0,122	0,289
CHR6	5594718	CHR6:5594718	SSF x Far_LoA	-10,544	0,056	0,283
CHR6	5594745	CHR6:5594745	SSF x Far_LoA	-9,150	0,023	0,288
CHR6	5594756	CHR6:5594756	SSF x Far_LoA	-7,503	0,069	0,294
CHR6	5594807	CHR6:5594807	SSF x Far_LoA	-8,038	0,062	0,276
CHR6	5600833	CHR6:5600833	SSF x Far_LoA	-8,593	-0,092	0,292
CHR6	5600847	CHR6:5600847	SSF x Far_LoA	-9,133	-0,049	0,288
CHR6	5600861	CHR6:5600861	SSF x Far_LoA	-11,699	-0,048	0,293
CHR6	5600900	CHR6:5600900	SSF x Far_LoA	-10,665	-0,014	0,283
CHR6	5600943	CHR6:5600943	SSF x Far_LoA	-9,371	0,055	0,288
CHR6	5600977	CHR6:5600977	SSF x Far_LoA	-8,304	-0,143	0,291
CHR6	5612140	CHR6:5612140	SSF x Far_LoA	-10,057	-0,073	0,308
CHR6	5612184	CHR6:5612184	SSF x Far_LoA	-10,740	0,133	0,285
CHR6	5612227	CHR6:5612227	SSF x Far_LoA	-9,784	0,119	0,292
CHR6	5618011	CHR6:5618011	SSF x Far_LoA	-8,800	-0,081	0,290
CHR6	5618022	CHR6:5618022	SSF x Far_LoA	-9,224	-0,038	0,293
CHR6	5618163	CHR6:5618163	SSF x Far_LoA	-11,169	-0,040	0,279
CHR6	5618169	CHR6:5618169	SSF x Far_LoA	-7,212	0,086	0,280

CHR6	5618178	CHR6:5618178	SSF x Far_LoA	-8,717	-0,067	0,278
CHR6	562073	CHR6:562073	SSF x Far_LoA	-11,440	0,035	0,290
CHR6	562168	CHR6:562168	SSF x Far_LoA	-9,778	0,042	0,292
CHR6	562252	CHR6:562252	SSF x Far_LoA	-7,483	0,147	0,288
CHR6	5626368	CHR6:5626368	SSF x Far_LoA	-5,333	-0,097	0,304
CHR6	5626396	CHR6:5626396	SSF x Far_LoA	-8,312	-0,118	0,292
CHR6	5626414	CHR6:5626414	SSF x Far_LoA	-11,006	-0,025	0,303
CHR6	562939	CHR6:562939	SSF x Far_LoA	-9,740	-0,038	0,297
CHR6	5634994	CHR6:5634994	SSF x Far_LoA	-9,143	0,041	0,304
CHR6	5635014	CHR6:5635014	SSF x Far_LoA	-7,682	0,012	0,310
CHR6	5635037	CHR6:5635037	SSF x Far_LoA	-7,106	0,040	0,308
CHR6	5635077	CHR6:5635077	SSF x Far_LoA	-9,519	0,043	0,299
CHR6	5635099	CHR6:5635099	SSF x Far_LoA	-10,465	0,018	0,293
CHR6	5635105	CHR6:5635105	SSF x Far_LoA	-9,908	0,032	0,304
CHR6	5657899	CHR6:5657899	SSF x Far_LoA	-8,589	0,071	0,288
CHR6	5660996	CHR6:5660996	SSF x Far_LoA	-10,213	0,008	0,308
CHR6	5662463	CHR6:5662463	SSF x Far_LoA	-7,801	-0,073	0,304
CHR6	5662479	CHR6:5662479	SSF x Far_LoA	-9,579	-0,126	0,281
CHR6	5662487	CHR6:5662487	SSF x Far_LoA	-9,428	0,121	0,285
CHR6	5662756	CHR6:5662756	SSF x Far_LoA	-10,840	0,033	0,290
CHR6	5670482	CHR6:5670482	SSF x Far_LoA	-8,522	0,038	0,298
CHR6	5670491	CHR6:5670491	SSF x Far_LoA	-10,766	0,011	0,295
CHR6	5671654	CHR6:5671654	SSF x Far_LoA	-7,034	-0,163	0,270
CHR6	5671657	CHR6:5671657	SSF x Far_LoA	-10,147	-0,116	0,294
CHR6	5671739	CHR6:5671739	SSF x Far_LoA	-11,662	0,006	0,297
CHR6	5671760	CHR6:5671760	SSF x Far_LoA	-8,652	0,024	0,288
CHR6	568197	CHR6:568197	SSF x Far_LoA	-8,976	-0,037	0,287
CHR6	568240	CHR6:568240	SSF x Far_LoA	-10,929	0,050	0,295
CHR6	568245	CHR6:568245	SSF x Far_LoA	-8,876	0,013	0,291
CHR6	568356	CHR6:568356	SSF x Far_LoA	-12,361	0,011	0,291
CHR6	568374	CHR6:568374	SSF x Far_LoA	-9,118	-0,063	0,281
CHR6	568390	CHR6:568390	SSF x Far_LoA	-10,106	0,034	0,296
CHR6	568418	CHR6:568418	SSF x Far_LoA	-8,815	0,023	0,272
CHR6	568577	CHR6:568577	SSF x Far_LoA	-5,725	-0,079	0,293
CHR6	5720444	CHR6:5720444	SSF x Far_LoA	-9,099	0,013	0,274
CHR6	5720502	CHR6:5720502	SSF x Far_LoA	-4,203	0,180	0,283
CHR6	5720508	CHR6:5720508	SSF x Far_LoA	-8,710	0,149	0,269
CHR6	574873	CHR6:574873	SSF x Far_LoA	-11,657	0,018	0,296
CHR6	575074	CHR6:575074	SSF x Far_LoA	-9,173	-0,055	0,287
CHR6	575080	CHR6:575080	SSF x Far_LoA	-8,890	0,124	0,296
CHR6	5754817	CHR6:5754817	SSF x Far_LoA	-8,536	0,021	0,283
CHR6	5754827	CHR6:5754827	SSF x Far_LoA	-10,725	-0,008	0,298
CHR6	5763134	CHR6:5763134	SSF x Far_LoA	-7,217	0,055	0,287
CHR6	5763175	CHR6:5763175	SSF x Far_LoA	-11,116	-0,020	0,299
CHR6	5764064	CHR6:5764064	SSF x Far_LoA	-9,172	0,087	0,297
CHR6	5764143	CHR6:5764143	SSF x Far_LoA	-8,011	-0,039	0,295
CHR6	5767139	CHR6:5767139	SSF x Far_LoA	-8,948	-0,062	0,300
CHR6	5780754	CHR6:5780754	SSF x Far_LoA	-7,711	-0,014	0,304
CHR6	5780894	CHR6:5780894	SSF x Far_LoA	-4,310	-0,155	0,296
CHR6	5780900	CHR6:5780900	SSF x Far_LoA	-8,395	0,070	0,288
CHR6	580265	CHR6:580265	SSF x Far_LoA	-7,885	0,135	0,283
CHR6	580416	CHR6:580416	SSF x Far_LoA	-8,424	0,105	0,294
CHR6	580574	CHR6:580574	SSF x Far_LoA	-10,508	-0,034	0,297

CHR6	580726	CHR6:580726	SSF x Far_LoA	-10,703	-0,024	0,299
CHR6	5809419	CHR6:5809419	SSF x Far_LoA	-8,127	0,212	0,266
CHR6	5809480	CHR6:5809480	SSF x Far_LoA	-4,674	0,023	0,289
CHR6	5809517	CHR6:5809517	SSF x Far_LoA	-9,067	0,016	0,290
CHR6	5852840	CHR6:5852840	SSF x Far_LoA	-11,075	-0,015	0,293
CHR6	5852892	CHR6:5852892	SSF x Far_LoA	-10,570	-0,076	0,293
CHR6	5852903	CHR6:5852903	SSF x Far_LoA	-12,064	0,041	0,292
CHR6	5852906	CHR6:5852906	SSF x Far_LoA	-8,940	0,084	0,296
CHR6	5852919	CHR6:5852919	SSF x Far_LoA	-11,861	0,049	0,296
CHR6	5852952	CHR6:5852952	SSF x Far_LoA	-10,680	0,035	0,306
CHR6	5852982	CHR6:5852982	SSF x Far_LoA	-7,464	0,102	0,305
CHR6	5863399	CHR6:5863399	SSF x Far_LoA	-8,478	-0,050	0,298
CHR6	5863414	CHR6:5863414	SSF x Far_LoA	-11,086	-0,031	0,286
CHR6	5863444	CHR6:5863444	SSF x Far_LoA	-11,088	-0,066	0,294
CHR6	5863502	CHR6:5863502	SSF x Far_LoA	-7,663	0,120	0,287
CHR6	5863721	CHR6:5863721	SSF x Far_LoA	-8,530	0,011	0,303
CHR6	5863727	CHR6:5863727	SSF x Far_LoA	-10,695	0,049	0,285
CHR6	5872192	CHR6:5872192	SSF x Far_LoA	-5,455	-0,174	0,285
CHR6	5872285	CHR6:5872285	SSF x Far_LoA	-9,446	-0,164	0,285
CHR6	5872316	CHR6:5872316	SSF x Far_LoA	-9,652	0,077	0,294
CHR6	5875775	CHR6:5875775	SSF x Far_LoA	-7,887	-0,072	0,293
CHR6	5875893	CHR6:5875893	SSF x Far_LoA	-8,744	0,104	0,285
CHR6	5875952	CHR6:5875952	SSF x Far_LoA	-8,974	0,034	0,302
CHR6	5875961	CHR6:5875961	SSF x Far_LoA	-9,807	-0,068	0,286
CHR6	5878350	CHR6:5878350	SSF x Far_LoA	-8,064	-0,031	0,300
CHR6	5878428	CHR6:5878428	SSF x Far_LoA	-10,845	0,009	0,295
CHR6	5878430	CHR6:5878430	SSF x Far_LoA	-9,947	0,018	0,299
CHR6	5878562	CHR6:5878562	SSF x Far_LoA	-10,623	0,016	0,291
CHR6	5882249	CHR6:5882249	SSF x Far_LoA	-6,670	-0,069	0,275
CHR6	5882379	CHR6:5882379	SSF x Far_LoA	-8,282	0,130	0,287
CHR6	5882394	CHR6:5882394	SSF x Far_LoA	-8,172	0,107	0,283
CHR6	5914331	CHR6:5914331	SSF x Far_LoA	-7,472	0,077	0,291
CHR6	5914351	CHR6:5914351	SSF x Far_LoA	-9,790	-0,112	0,283
CHR6	5916136	CHR6:5916136	SSF x Far_LoA	6,658	-0,008	0,287
CHR6	5923578	CHR6:5923578	SSF x Far_LoA	-6,450	-0,046	0,287
CHR6	5923634	CHR6:5923634	SSF x Far_LoA	-8,813	-0,138	0,296
CHR6	5943197	CHR6:5943197	SSF x Far_LoA	-5,940	0,078	0,285
CHR6	5943293	CHR6:5943293	SSF x Far_LoA	-9,061	-0,093	0,285
CHR6	5947419	CHR6:5947419	SSF x Far_LoA	-9,704	-0,131	0,277
CHR6	5947440	CHR6:5947440	SSF x Far_LoA	-10,477	-0,013	0,279
CHR6	5955256	CHR6:5955256	SSF x Far_LoA	-9,135	0,001	0,288
CHR6	5955414	CHR6:5955414	SSF x Far_LoA	-11,114	-0,075	0,269
CHR6	5955934	CHR6:5955934	SSF x Far_LoA	-11,272	0,024	0,293
CHR6	5967963	CHR6:5967963	SSF x Far_LoA	-9,435	-0,019	0,286
CHR6	5968061	CHR6:5968061	SSF x Far_LoA	-9,376	-0,108	0,289
CHR6	5968087	CHR6:5968087	SSF x Far_LoA	-7,640	0,158	0,279
CHR6	5968091	CHR6:5968091	SSF x Far_LoA	-10,075	-0,011	0,278
CHR6	5968138	CHR6:5968138	SSF x Far_LoA	-10,783	0,000	0,291
CHR6	5976503	CHR6:5976503	SSF x Far_LoA	-8,479	-0,058	0,294
CHR6	5976535	CHR6:5976535	SSF x Far_LoA	-8,434	0,041	0,293
CHR6	5976545	CHR6:5976545	SSF x Far_LoA	-9,651	-0,035	0,293
CHR6	5976594	CHR6:5976594	SSF x Far_LoA	-6,634	0,081	0,305
CHR6	5976608	CHR6:5976608	SSF x Far_LoA	-1,199	-0,024	0,302

CHR6	5976669	CHR6:5976669	SSF x Far_LoA	-10,034	0,055	0,281
CHR6	5976673	CHR6:5976673	SSF x Far_LoA	-7,085	-0,119	0,290
CHR6	5976676	CHR6:5976676	SSF x Far_LoA	-10,746	0,007	0,294
CHR6	5976691	CHR6:5976691	SSF x Far_LoA	-8,733	0,041	0,299
CHR6	5976715	CHR6:5976715	SSF x Far_LoA	-10,610	-0,047	0,292
CHR6	5976720	CHR6:5976720	SSF x Far_LoA	-11,089	-0,045	0,300
CHR6	5992057	CHR6:5992057	SSF x Far_LoA	-9,338	0,073	0,299
CHR6	5992072	CHR6:5992072	SSF x Far_LoA	-7,133	-0,126	0,284
CHR6	5992134	CHR6:5992134	SSF x Far_LoA	-9,356	0,006	0,285
CHR6	5992231	CHR6:5992231	SSF x Far_LoA	-9,528	0,081	0,291
CHR6	5992291	CHR6:5992291	SSF x Far_LoA	-11,053	0,051	0,293
CHR6	604371	CHR6:604371	SSF x Far_LoA	-12,177	0,026	0,287
CHR6	6045992	CHR6:6045992	SSF x Far_LoA	-10,704	0,072	0,284
CHR6	6046017	CHR6:6046017	SSF x Far_LoA	-11,103	-0,020	0,296
CHR6	6056660	CHR6:6056660	SSF x Far_LoA	-8,320	0,089	0,280
CHR6	6056763	CHR6:6056763	SSF x Far_LoA	-9,499	0,067	0,301
CHR6	6072343	CHR6:6072343	SSF x Far_LoA	-8,386	0,021	0,312
CHR6	6072408	CHR6:6072408	SSF x Far_LoA	-8,041	-0,127	0,291
CHR6	6072443	CHR6:6072443	SSF x Far_LoA	-8,397	0,075	0,289
CHR6	6075818	CHR6:6075818	SSF x Far_LoA	-9,778	-0,039	0,291
CHR6	6075860	CHR6:6075860	SSF x Far_LoA	-10,911	0,035	0,299
CHR6	6076495	CHR6:6076495	SSF x Far_LoA	-10,858	0,078	0,306
CHR6	6084100	CHR6:6084100	SSF x Far_LoA	-10,801	0,024	0,296
CHR6	6084309	CHR6:6084309	SSF x Far_LoA	-5,349	-0,069	0,305
CHR6	6084398	CHR6:6084398	SSF x Far_LoA	-9,942	0,090	0,292
CHR6	6101516	CHR6:6101516	SSF x Far_LoA	-10,676	-0,078	0,302
CHR6	6108319	CHR6:6108319	SSF x Far_LoA	-10,393	-0,095	0,286
CHR6	6124089	CHR6:6124089	SSF x Far_LoA	-10,222	0,019	0,296
CHR6	6124153	CHR6:6124153	SSF x Far_LoA	-6,687	-0,078	0,284
CHR6	6172810	CHR6:6172810	SSF x Far_LoA	-6,684	-0,061	0,303
CHR6	6172827	CHR6:6172827	SSF x Far_LoA	-10,317	-0,121	0,289
CHR6	6173038	CHR6:6173038	SSF x Far_LoA	-7,805	0,128	0,284
CHR6	6173129	CHR6:6173129	SSF x Far_LoA	-5,836	0,160	0,310
CHR6	6181567	CHR6:6181567	SSF x Far_LoA	-9,000	-0,125	0,291
CHR6	619677	CHR6:619677	SSF x Far_LoA	-10,776	-0,002	0,302
CHR6	619852	CHR6:619852	SSF x Far_LoA	-10,624	-0,102	0,310
CHR6	619910	CHR6:619910	SSF x Far_LoA	-9,850	0,080	0,294
CHR6	620031	CHR6:620031	SSF x Far_LoA	-8,109	-0,001	0,303
CHR6	620061	CHR6:620061	SSF x Far_LoA	-10,530	0,049	0,278
CHR6	6213927	CHR6:6213927	SSF x Far_LoA	-7,569	0,070	0,310
CHR6	6213940	CHR6:6213940	SSF x Far_LoA	-8,084	0,077	0,291
CHR6	6214024	CHR6:6214024	SSF x Far_LoA	-8,789	0,069	0,284
CHR6	6214054	CHR6:6214054	SSF x Far_LoA	-8,744	0,027	0,289
CHR6	6214130	CHR6:6214130	SSF x Far_LoA	-7,835	-0,026	0,290
CHR6	6214156	CHR6:6214156	SSF x Far_LoA	-12,092	-0,011	0,282
CHR6	6216158	CHR6:6216158	SSF x Far_LoA	-9,964	-0,127	0,283
CHR6	6216241	CHR6:6216241	SSF x Far_LoA	-8,259	0,105	0,297
CHR6	6216253	CHR6:6216253	SSF x Far_LoA	-9,635	0,011	0,293
CHR6	6237206	CHR6:6237206	SSF x Far_LoA	-8,721	-0,127	0,288
CHR6	6237258	CHR6:6237258	SSF x Far_LoA	-11,182	0,038	0,298
CHR6	6237401	CHR6:6237401	SSF x Far_LoA	-10,210	0,033	0,306
CHR6	6242387	CHR6:6242387	SSF x Far_LoA	-7,039	0,101	0,287
CHR6	6242637	CHR6:6242637	SSF x Far_LoA	-10,469	0,069	0,280

CHR6	6245627	CHR6:6245627	SSF x Far_LoA	-8,103	0,103	0,290
CHR6	6245682	CHR6:6245682	SSF x Far_LoA	-8,991	0,039	0,283
CHR6	6245685	CHR6:6245685	SSF x Far_LoA	-5,326	-0,131	0,291
CHR6	6245844	CHR6:6245844	SSF x Far_LoA	-7,449	0,063	0,305
CHR6	6250645	CHR6:6250645	SSF x Far_LoA	-0,649	-0,175	0,284
CHR6	6268730	CHR6:6268730	SSF x Far_LoA	-10,048	0,015	0,293
CHR6	6282578	CHR6:6282578	SSF x Far_LoA	-12,169	-0,036	0,294
CHR6	6282585	CHR6:6282585	SSF x Far_LoA	-8,027	-0,142	0,282
CHR6	6282666	CHR6:6282666	SSF x Far_LoA	-10,503	0,007	0,281
CHR6	6282682	CHR6:6282682	SSF x Far_LoA	-7,975	-0,064	0,305
CHR6	6283298	CHR6:6283298	SSF x Far_LoA	-11,233	-0,031	0,287
CHR6	6283341	CHR6:6283341	SSF x Far_LoA	-9,139	-0,001	0,300
CHR6	630380	CHR6:630380	SSF x Far_LoA	-7,008	-0,110	0,275
CHR6	630381	CHR6:630381	SSF x Far_LoA	-7,590	-0,119	0,280
CHR6	630431	CHR6:630431	SSF x Far_LoA	-9,997	-0,012	0,287
CHR6	630490	CHR6:630490	SSF x Far_LoA	-11,510	-0,056	0,296
CHR6	630537	CHR6:630537	SSF x Far_LoA	-9,542	-0,063	0,286
CHR6	630562	CHR6:630562	SSF x Far_LoA	-8,446	0,065	0,290
CHR6	630636	CHR6:630636	SSF x Far_LoA	-11,413	-0,029	0,297
CHR6	6311284	CHR6:6311284	SSF x Far_LoA	-10,514	-0,011	0,305
CHR6	6318203	CHR6:6318203	SSF x Far_LoA	-10,630	-0,010	0,292
CHR6	6318334	CHR6:6318334	SSF x Far_LoA	-9,999	0,031	0,289
CHR6	6318351	CHR6:6318351	SSF x Far_LoA	-8,820	0,002	0,298
CHR6	6318397	CHR6:6318397	SSF x Far_LoA	-11,765	0,041	0,284
CHR6	6318408	CHR6:6318408	SSF x Far_LoA	-11,879	0,028	0,294
CHR6	6324125	CHR6:6324125	SSF x Far_LoA	-9,915	0,008	0,299
CHR6	6324324	CHR6:6324324	SSF x Far_LoA	-9,129	-0,025	0,294
CHR6	6324328	CHR6:6324328	SSF x Far_LoA	-8,385	0,013	0,305
CHR6	6324332	CHR6:6324332	SSF x Far_LoA	-11,045	0,023	0,305
CHR6	6324416	CHR6:6324416	SSF x Far_LoA	-7,457	0,117	0,280
CHR6	6326691	CHR6:6326691	SSF x Far_LoA	-9,054	0,004	0,297
CHR6	6326767	CHR6:6326767	SSF x Far_LoA	-7,412	-0,094	0,288
CHR6	6332030	CHR6:6332030	SSF x Far_LoA	-7,081	-0,012	0,286
CHR6	6332080	CHR6:6332080	SSF x Far_LoA	-10,250	-0,020	0,292
CHR6	6332109	CHR6:6332109	SSF x Far_LoA	-9,921	0,020	0,289
CHR6	6332116	CHR6:6332116	SSF x Far_LoA	-8,324	-0,002	0,295
CHR6	6332117	CHR6:6332117	SSF x Far_LoA	-9,766	0,019	0,293
CHR6	6332137	CHR6:6332137	SSF x Far_LoA	-8,728	-0,075	0,298
CHR6	6332138	CHR6:6332138	SSF x Far_LoA	-7,467	-0,090	0,293
CHR6	6332139	CHR6:6332139	SSF x Far_LoA	-7,471	-0,094	0,315
CHR6	6341871	CHR6:6341871	SSF x Far_LoA	-10,945	0,050	0,293
CHR6	6342082	CHR6:6342082	SSF x Far_LoA	-10,261	0,059	0,293
CHR6	634330	CHR6:634330	SSF x Far_LoA	-11,384	0,024	0,280
CHR6	634379	CHR6:634379	SSF x Far_LoA	-8,823	0,038	0,283
CHR6	6347988	CHR6:6347988	SSF x Far_LoA	-7,697	-0,065	0,273
CHR6	6378214	CHR6:6378214	SSF x Far_LoA	-12,045	-0,006	0,288
CHR6	6378393	CHR6:6378393	SSF x Far_LoA	-9,955	-0,085	0,292
CHR6	6378439	CHR6:6378439	SSF x Far_LoA	-11,596	0,042	0,290
CHR6	6400225	CHR6:6400225	SSF x Far_LoA	-9,014	0,101	0,311
CHR6	6400308	CHR6:6400308	SSF x Far_LoA	-9,597	-0,037	0,286
CHR6	6423480	CHR6:6423480	SSF x Far_LoA	-11,132	-0,039	0,285
CHR6	6423588	CHR6:6423588	SSF x Far_LoA	-10,147	-0,063	0,295
CHR6	6423768	CHR6:6423768	SSF x Far_LoA	-10,792	-0,024	0,286

CHR6	6423773	CHR6:6423773	SSF x Far_LoA	-5,122	0,045	0,303
CHR6	6423777	CHR6:6423777	SSF x Far_LoA	-8,645	0,019	0,293
CHR6	6428368	CHR6:6428368	SSF x Far_LoA	-7,838	-0,099	0,272
CHR6	6428542	CHR6:6428542	SSF x Far_LoA	-11,198	-0,044	0,294
CHR6	6428681	CHR6:6428681	SSF x Far_LoA	-9,600	0,001	0,285
CHR6	6428696	CHR6:6428696	SSF x Far_LoA	6,280	0,083	0,303
CHR6	6428785	CHR6:6428785	SSF x Far_LoA	-8,616	-0,063	0,297
CHR6	6441548	CHR6:6441548	SSF x Far_LoA	-11,017	0,029	0,294
CHR6	6441688	CHR6:6441688	SSF x Far_LoA	-10,880	0,008	0,287
CHR6	6441696	CHR6:6441696	SSF x Far_LoA	-9,192	0,030	0,284
CHR6	6441762	CHR6:6441762	SSF x Far_LoA	-7,566	0,050	0,275
CHR6	6447783	CHR6:6447783	SSF x Far_LoA	-9,746	0,035	0,291
CHR6	6447817	CHR6:6447817	SSF x Far_LoA	-10,850	0,032	0,297
CHR6	6447997	CHR6:6447997	SSF x Far_LoA	-10,227	0,099	0,284
CHR6	6447999	CHR6:6447999	SSF x Far_LoA	-10,632	0,149	0,290
CHR6	6452770	CHR6:6452770	SSF x Far_LoA	-8,695	-0,113	0,279
CHR6	6455557	CHR6:6455557	SSF x Far_LoA	-8,356	0,065	0,289
CHR6	6456121	CHR6:6456121	SSF x Far_LoA	-10,321	0,105	0,275
CHR6	6456128	CHR6:6456128	SSF x Far_LoA	-11,858	0,041	0,288
CHR6	6456136	CHR6:6456136	SSF x Far_LoA	-9,141	0,014	0,295
CHR6	6466476	CHR6:6466476	SSF x Far_LoA	-5,278	0,125	0,284
CHR6	6480008	CHR6:6480008	SSF x Far_LoA	-8,352	0,112	0,281
CHR6	6480090	CHR6:6480090	SSF x Far_LoA	-8,872	0,137	0,283
CHR6	6480313	CHR6:6480313	SSF x Far_LoA	-8,917	-0,151	0,289
CHR6	6486752	CHR6:6486752	SSF x Far_LoA	-9,547	-0,123	0,283
CHR6	6486755	CHR6:6486755	SSF x Far_LoA	-8,390	0,114	0,291
CHR6	6486914	CHR6:6486914	SSF x Far_LoA	-11,913	-0,019	0,294
CHR6	6494614	CHR6:6494614	SSF x Far_LoA	0,089	-0,182	0,295
CHR6	6494628	CHR6:6494628	SSF x Far_LoA	-11,302	-0,012	0,289
CHR6	6494630	CHR6:6494630	SSF x Far_LoA	-6,350	-0,160	0,288
CHR6	6494688	CHR6:6494688	SSF x Far_LoA	-11,266	-0,013	0,296
CHR6	6495842	CHR6:6495842	SSF x Far_LoA	-9,944	-0,152	0,291
CHR6	6495865	CHR6:6495865	SSF x Far_LoA	-8,970	0,182	0,262
CHR6	6501290	CHR6:6501290	SSF x Far_LoA	-8,877	-0,033	0,285
CHR6	6501388	CHR6:6501388	SSF x Far_LoA	-7,889	0,052	0,308
CHR6	6501521	CHR6:6501521	SSF x Far_LoA	-8,615	-0,077	0,302
CHR6	6501605	CHR6:6501605	SSF x Far_LoA	-10,376	0,055	0,278
CHR6	6501634	CHR6:6501634	SSF x Far_LoA	-10,280	0,112	0,288
CHR6	6501664	CHR6:6501664	SSF x Far_LoA	-4,172	0,004	0,300
CHR6	6501665	CHR6:6501665	SSF x Far_LoA	-10,527	0,103	0,288
CHR6	6501668	CHR6:6501668	SSF x Far_LoA	-9,622	-0,049	0,312
CHR6	6514613	CHR6:6514613	SSF x Far_LoA	-11,453	-0,021	0,297
CHR6	6517372	CHR6:6517372	SSF x Far_LoA	-9,280	0,015	0,301
CHR6	6518656	CHR6:6518656	SSF x Far_LoA	-12,164	-0,044	0,287
CHR6	6518687	CHR6:6518687	SSF x Far_LoA	-10,646	0,052	0,285
CHR6	6518820	CHR6:6518820	SSF x Far_LoA	-4,492	-0,119	0,296
CHR6	6518897	CHR6:6518897	SSF x Far_LoA	-11,625	-0,030	0,280
CHR6	6520422	CHR6:6520422	SSF x Far_LoA	-8,904	0,057	0,289
CHR6	6520427	CHR6:6520427	SSF x Far_LoA	-11,692	0,061	0,296
CHR6	6520537	CHR6:6520537	SSF x Far_LoA	-9,704	-0,035	0,284
CHR6	6520553	CHR6:6520553	SSF x Far_LoA	-7,921	0,078	0,271
CHR6	6520574	CHR6:6520574	SSF x Far_LoA	-10,148	0,138	0,277
CHR6	6520587	CHR6:6520587	SSF x Far_LoA	-6,444	0,113	0,273

CHR6	6520594	CHR6:6520594	SSF x Far_LoA	-9,441	0,130	0,268
CHR6	6533523	CHR6:6533523	SSF x Far_LoA	-5,819	-0,121	0,300
CHR6	6533686	CHR6:6533686	SSF x Far_LoA	-8,643	0,024	0,293
CHR6	6533726	CHR6:6533726	SSF x Far_LoA	-0,613	-0,082	0,285
CHR6	6533830	CHR6:6533830	SSF x Far_LoA	-5,617	-0,158	0,275
CHR6	6578881	CHR6:6578881	SSF x Far_LoA	-11,792	-0,104	0,283
CHR6	6579026	CHR6:6579026	SSF x Far_LoA	-12,138	0,020	0,281
CHR6	6579137	CHR6:6579137	SSF x Far_LoA	-8,794	0,073	0,298
CHR6	6579144	CHR6:6579144	SSF x Far_LoA	-10,124	-0,091	0,298
CHR6	6579182	CHR6:6579182	SSF x Far_LoA	-10,303	0,012	0,286
CHR6	6579232	CHR6:6579232	SSF x Far_LoA	-9,248	-0,003	0,297
CHR6	6579256	CHR6:6579256	SSF x Far_LoA	-10,364	0,021	0,294
CHR6	6585204	CHR6:6585204	SSF x Far_LoA	-8,098	-0,060	0,298
CHR6	6585489	CHR6:6585489	SSF x Far_LoA	-11,252	0,077	0,305
CHR6	6595324	CHR6:6595324	SSF x Far_LoA	-7,836	0,014	0,298
CHR6	6595377	CHR6:6595377	SSF x Far_LoA	-7,191	-0,190	0,286
CHR6	6595383	CHR6:6595383	SSF x Far_LoA	-2,702	-0,193	0,289
CHR6	6595464	CHR6:6595464	SSF x Far_LoA	-9,355	-0,071	0,300
CHR6	6595483	CHR6:6595483	SSF x Far_LoA	-10,766	0,002	0,294
CHR6	6595501	CHR6:6595501	SSF x Far_LoA	-9,874	-0,069	0,298
CHR6	6615456	CHR6:6615456	SSF x Far_LoA	-10,564	0,108	0,299
CHR6	6615642	CHR6:6615642	SSF x Far_LoA	-9,410	0,089	0,284
CHR6	6615733	CHR6:6615733	SSF x Far_LoA	-10,434	-0,028	0,280
CHR6	6615784	CHR6:6615784	SSF x Far_LoA	-9,278	-0,080	0,301
CHR6	6625427	CHR6:6625427	SSF x Far_LoA	-10,786	-0,018	0,302
CHR6	6625586	CHR6:6625586	SSF x Far_LoA	-8,965	0,016	0,281
CHR6	662747	CHR6:662747	SSF x Far_LoA	-10,520	0,049	0,274
CHR6	664390	CHR6:664390	SSF x Far_LoA	-6,488	0,012	0,303
CHR6	664438	CHR6:664438	SSF x Far_LoA	-9,142	0,013	0,284
CHR6	664441	CHR6:664441	SSF x Far_LoA	-8,540	0,015	0,284
CHR6	6646276	CHR6:6646276	SSF x Far_LoA	-10,898	0,021	0,289
CHR6	6653726	CHR6:6653726	SSF x Far_LoA	-8,589	-0,122	0,291
CHR6	6654027	CHR6:6654027	SSF x Far_LoA	-7,681	-0,044	0,297
CHR6	6654028	CHR6:6654028	SSF x Far_LoA	-8,319	-0,072	0,293
CHR6	6654115	CHR6:6654115	SSF x Far_LoA	-11,283	0,056	0,277
CHR6	6662808	CHR6:6662808	SSF x Far_LoA	-8,391	0,017	0,299
CHR6	6663809	CHR6:6663809	SSF x Far_LoA	-9,459	-0,031	0,293
CHR6	6673153	CHR6:6673153	SSF x Far_LoA	-8,707	0,049	0,317
CHR6	6673205	CHR6:6673205	SSF x Far_LoA	-9,742	-0,013	0,296
CHR6	6673221	CHR6:6673221	SSF x Far_LoA	2,323	-0,100	0,298
CHR6	6673261	CHR6:6673261	SSF x Far_LoA	-7,274	-0,120	0,289
CHR6	6673262	CHR6:6673262	SSF x Far_LoA	-8,473	-0,050	0,292
CHR6	6673264	CHR6:6673264	SSF x Far_LoA	-8,511	0,036	0,303
CHR6	6673343	CHR6:6673343	SSF x Far_LoA	-7,327	-0,158	0,289
CHR6	6680105	CHR6:6680105	SSF x Far_LoA	-10,858	0,078	0,290
CHR6	6680136	CHR6:6680136	SSF x Far_LoA	-9,518	0,040	0,285
CHR6	6680248	CHR6:6680248	SSF x Far_LoA	-7,936	0,125	0,288
CHR6	6680283	CHR6:6680283	SSF x Far_LoA	-7,761	-0,054	0,278
CHR6	6680340	CHR6:6680340	SSF x Far_LoA	-7,468	-0,071	0,299
CHR6	6680423	CHR6:6680423	SSF x Far_LoA	-10,501	-0,085	0,289
CHR6	6680500	CHR6:6680500	SSF x Far_LoA	-10,093	-0,001	0,294
CHR6	668843	CHR6:668843	SSF x Far_LoA	-7,132	-0,109	0,282
CHR6	668887	CHR6:668887	SSF x Far_LoA	-6,241	-0,119	0,268

CHR6	6699567	CHR6:6699567	SSF x Far_LoA	-6,445	-0,061	0,286
CHR6	6699599	CHR6:6699599	SSF x Far_LoA	-9,210	0,083	0,278
CHR6	6699614	CHR6:6699614	SSF x Far_LoA	-8,579	-0,056	0,295
CHR6	6699632	CHR6:6699632	SSF x Far_LoA	-7,787	-0,055	0,291
CHR6	6699635	CHR6:6699635	SSF x Far_LoA	-10,099	-0,010	0,280
CHR6	670816	CHR6:670816	SSF x Far_LoA	-8,507	0,095	0,299
CHR6	670873	CHR6:670873	SSF x Far_LoA	4,208	0,086	0,300
CHR6	670879	CHR6:670879	SSF x Far_LoA	-9,747	0,027	0,313
CHR6	6709766	CHR6:6709766	SSF x Far_LoA	-11,926	0,000	0,292
CHR6	6709852	CHR6:6709852	SSF x Far_LoA	-5,385	0,064	0,292
CHR6	6709947	CHR6:6709947	SSF x Far_LoA	-8,829	-0,047	0,294
CHR6	6709972	CHR6:6709972	SSF x Far_LoA	-9,600	-0,014	0,292
CHR6	6709985	CHR6:6709985	SSF x Far_LoA	-9,668	-0,010	0,279
CHR6	6709989	CHR6:6709989	SSF x Far_LoA	-8,378	-0,009	0,298
CHR6	6710012	CHR6:6710012	SSF x Far_LoA	-8,696	0,007	0,297
CHR6	6710028	CHR6:6710028	SSF x Far_LoA	-0,590	0,010	0,287
CHR6	6710120	CHR6:6710120	SSF x Far_LoA	-8,844	-0,031	0,305
CHR6	6710136	CHR6:6710136	SSF x Far_LoA	-8,572	0,015	0,299
CHR6	6726179	CHR6:6726179	SSF x Far_LoA	-8,776	0,037	0,282
CHR6	6728050	CHR6:6728050	SSF x Far_LoA	-10,930	-0,018	0,285
CHR6	6728160	CHR6:6728160	SSF x Far_LoA	-10,162	0,066	0,287
CHR6	6728165	CHR6:6728165	SSF x Far_LoA	-6,549	0,110	0,281
CHR6	6728191	CHR6:6728191	SSF x Far_LoA	-7,124	0,124	0,277
CHR6	6728196	CHR6:6728196	SSF x Far_LoA	-7,343	0,078	0,283
CHR6	6728200	CHR6:6728200	SSF x Far_LoA	-9,035	-0,059	0,286
CHR6	6728213	CHR6:6728213	SSF x Far_LoA	-11,355	-0,072	0,277
CHR6	6728214	CHR6:6728214	SSF x Far_LoA	-7,256	-0,028	0,301
CHR6	6728218	CHR6:6728218	SSF x Far_LoA	-7,886	-0,085	0,277
CHR6	6728282	CHR6:6728282	SSF x Far_LoA	-8,519	-0,031	0,291
CHR6	6735942	CHR6:6735942	SSF x Far_LoA	-10,438	-0,003	0,291
CHR6	673690	CHR6:673690	SSF x Far_LoA	-9,528	-0,100	0,296
CHR6	673826	CHR6:673826	SSF x Far_LoA	-10,710	-0,014	0,310
CHR6	673899	CHR6:673899	SSF x Far_LoA	-7,075	0,156	0,291
CHR6	673948	CHR6:673948	SSF x Far_LoA	-6,506	-0,156	0,289
CHR6	673968	CHR6:673968	SSF x Far_LoA	-9,731	0,136	0,285
CHR6	6740065	CHR6:6740065	SSF x Far_LoA	-4,519	-0,121	0,293
CHR6	6740073	CHR6:6740073	SSF x Far_LoA	-11,205	0,040	0,294
CHR6	6740074	CHR6:6740074	SSF x Far_LoA	-10,803	0,077	0,294
CHR6	6742527	CHR6:6742527	SSF x Far_LoA	-10,141	0,093	0,306
CHR6	6742578	CHR6:6742578	SSF x Far_LoA	-8,523	-0,016	0,279
CHR6	6742642	CHR6:6742642	SSF x Far_LoA	-12,304	0,016	0,285
CHR6	6757511	CHR6:6757511	SSF x Far_LoA	-12,106	-0,024	0,273
CHR6	6757675	CHR6:6757675	SSF x Far_LoA	-3,559	-0,063	0,295
CHR6	6757699	CHR6:6757699	SSF x Far_LoA	-8,335	-0,023	0,283
CHR6	6761175	CHR6:6761175	SSF x Far_LoA	-10,909	0,063	0,282
CHR6	6761176	CHR6:6761176	SSF x Far_LoA	-8,980	0,074	0,285
CHR6	6761208	CHR6:6761208	SSF x Far_LoA	-9,770	-0,056	0,290
CHR6	6761213	CHR6:6761213	SSF x Far_LoA	-6,971	-0,026	0,297
CHR6	6769017	CHR6:6769017	SSF x Far_LoA	-10,409	-0,038	0,293
CHR6	6772562	CHR6:6772562	SSF x Far_LoA	-4,356	-0,054	0,295
CHR6	6772607	CHR6:6772607	SSF x Far_LoA	-9,351	0,106	0,278
CHR6	6772625	CHR6:6772625	SSF x Far_LoA	-9,364	-0,050	0,303
CHR6	6772632	CHR6:6772632	SSF x Far_LoA	-8,997	0,016	0,277

CHR6	6772663	CHR6:6772663	SSF x Far_LoA	-9,641	0,069	0,281
CHR6	6772711	CHR6:6772711	SSF x Far_LoA	-7,846	0,055	0,301
CHR6	6772775	CHR6:6772775	SSF x Far_LoA	-10,200	-0,002	0,296
CHR6	6772776	CHR6:6772776	SSF x Far_LoA	-9,519	0,011	0,306
CHR6	6781526	CHR6:6781526	SSF x Far_LoA	-11,866	-0,041	0,289
CHR6	6796780	CHR6:6796780	SSF x Far_LoA	-9,243	-0,052	0,304
CHR6	6797198	CHR6:6797198	SSF x Far_LoA	-9,565	-0,054	0,302
CHR6	680773	CHR6:680773	SSF x Far_LoA	-6,974	-0,001	0,306
CHR6	680898	CHR6:680898	SSF x Far_LoA	-8,662	0,077	0,284
CHR6	680968	CHR6:680968	SSF x Far_LoA	-8,876	0,088	0,272
CHR6	681000	CHR6:681000	SSF x Far_LoA	-8,854	0,056	0,297
CHR6	681119	CHR6:681119	SSF x Far_LoA	-11,322	0,055	0,285
CHR6	6814570	CHR6:6814570	SSF x Far_LoA	-10,344	-0,053	0,309
CHR6	6814577	CHR6:6814577	SSF x Far_LoA	-7,645	0,084	0,293
CHR6	6814646	CHR6:6814646	SSF x Far_LoA	-10,316	0,054	0,288
CHR6	6814653	CHR6:6814653	SSF x Far_LoA	-10,433	0,092	0,275
CHR6	6814670	CHR6:6814670	SSF x Far_LoA	-5,932	-0,173	0,298
CHR6	6814685	CHR6:6814685	SSF x Far_LoA	-7,889	0,115	0,294
CHR6	6814707	CHR6:6814707	SSF x Far_LoA	-10,134	0,067	0,302
CHR6	6814742	CHR6:6814742	SSF x Far_LoA	-8,906	0,090	0,294
CHR6	6814771	CHR6:6814771	SSF x Far_LoA	-5,804	0,119	0,274
CHR6	6814772	CHR6:6814772	SSF x Far_LoA	-4,042	0,116	0,288
CHR6	6825144	CHR6:6825144	SSF x Far_LoA	-11,826	-0,049	0,300
CHR6	6825148	CHR6:6825148	SSF x Far_LoA	-11,762	-0,041	0,306
CHR6	6825231	CHR6:6825231	SSF x Far_LoA	-9,110	0,049	0,279
CHR6	6825250	CHR6:6825250	SSF x Far_LoA	-7,933	-0,002	0,296
CHR6	6825329	CHR6:6825329	SSF x Far_LoA	-10,062	-0,015	0,296
CHR6	6873024	CHR6:6873024	SSF x Far_LoA	-5,840	-0,085	0,283
CHR6	6873134	CHR6:6873134	SSF x Far_LoA	-11,134	0,056	0,280
CHR6	6873139	CHR6:6873139	SSF x Far_LoA	-10,883	-0,045	0,283
CHR6	6873143	CHR6:6873143	SSF x Far_LoA	-9,476	-0,061	0,288
CHR6	6873182	CHR6:6873182	SSF x Far_LoA	-9,149	0,116	0,284
CHR6	6885663	CHR6:6885663	SSF x Far_LoA	-7,746	-0,122	0,289
CHR6	6885757	CHR6:6885757	SSF x Far_LoA	-12,106	0,016	0,298
CHR6	6885824	CHR6:6885824	SSF x Far_LoA	-10,063	0,059	0,279
CHR6	6885835	CHR6:6885835	SSF x Far_LoA	-9,174	-0,032	0,301
CHR6	6901781	CHR6:6901781	SSF x Far_LoA	-5,223	0,143	0,276
CHR6	6901803	CHR6:6901803	SSF x Far_LoA	-8,926	-0,072	0,282
CHR6	6901830	CHR6:6901830	SSF x Far_LoA	-9,923	0,046	0,293
CHR6	6901890	CHR6:6901890	SSF x Far_LoA	-10,772	-0,008	0,288
CHR6	690698	CHR6:690698	SSF x Far_LoA	-8,278	-0,003	0,317
CHR6	690713	CHR6:690713	SSF x Far_LoA	-9,005	0,018	0,307
CHR6	690736	CHR6:690736	SSF x Far_LoA	-8,067	0,002	0,300
CHR6	690745	CHR6:690745	SSF x Far_LoA	-8,283	0,016	0,300
CHR6	690756	CHR6:690756	SSF x Far_LoA	-9,128	0,005	0,300
CHR6	6952887	CHR6:6952887	SSF x Far_LoA	-8,636	-0,012	0,298
CHR6	6952900	CHR6:6952900	SSF x Far_LoA	-6,325	-0,096	0,279
CHR6	6952972	CHR6:6952972	SSF x Far_LoA	-9,943	0,129	0,301
CHR6	6963502	CHR6:6963502	SSF x Far_LoA	-11,254	0,006	0,297
CHR6	704005	CHR6:704005	SSF x Far_LoA	-9,303	-0,011	0,286
CHR6	704037	CHR6:704037	SSF x Far_LoA	-8,778	-0,001	0,288
CHR6	704270	CHR6:704270	SSF x Far_LoA	-8,805	-0,061	0,287
CHR6	7094166	CHR6:7094166	SSF x Far_LoA	-6,306	-0,168	0,279

CHR6	7104097	CHR6:7104097	SSF x Far_LoA	-10,868	-0,044	0,290
CHR6	7104100	CHR6:7104100	SSF x Far_LoA	-8,381	0,029	0,281
CHR6	711933	CHR6:711933	SSF x Far_LoA	-9,629	-0,020	0,295
CHR6	712174	CHR6:712174	SSF x Far_LoA	-8,306	0,078	0,285
CHR6	7145262	CHR6:7145262	SSF x Far_LoA	-7,566	0,042	0,296
CHR6	7145272	CHR6:7145272	SSF x Far_LoA	-8,561	0,046	0,297
CHR6	7145300	CHR6:7145300	SSF x Far_LoA	-10,612	-0,015	0,284
CHR6	7145347	CHR6:7145347	SSF x Far_LoA	-6,984	0,041	0,300
CHR6	7145376	CHR6:7145376	SSF x Far_LoA	-7,177	0,128	0,289
CHR6	7145463	CHR6:7145463	SSF x Far_LoA	-9,635	0,066	0,282
CHR6	7148777	CHR6:7148777	SSF x Far_LoA	-10,158	-0,006	0,292
CHR6	7148936	CHR6:7148936	SSF x Far_LoA	-7,822	-0,117	0,291
CHR6	7148976	CHR6:7148976	SSF x Far_LoA	-7,792	-0,063	0,288
CHR6	7173095	CHR6:7173095	SSF x Far_LoA	-10,031	-0,097	0,280
CHR6	7173167	CHR6:7173167	SSF x Far_LoA	-9,407	-0,071	0,284
CHR6	7189505	CHR6:7189505	SSF x Far_LoA	-8,892	-0,010	0,272
CHR6	7189637	CHR6:7189637	SSF x Far_LoA	-9,473	-0,046	0,299
CHR6	7202962	CHR6:7202962	SSF x Far_LoA	-9,903	0,063	0,287
CHR6	7202972	CHR6:7202972	SSF x Far_LoA	-11,007	-0,043	0,283
CHR6	7246741	CHR6:7246741	SSF x Far_LoA	-11,373	0,018	0,296
CHR6	7251641	CHR6:7251641	SSF x Far_LoA	-8,892	-0,055	0,287
CHR6	7295037	CHR6:7295037	SSF x Far_LoA	-9,496	-0,101	0,289
CHR6	730843	CHR6:730843	SSF x Far_LoA	-6,608	0,080	0,290
CHR6	7334231	CHR6:7334231	SSF x Far_LoA	-11,222	0,075	0,280
CHR6	7352763	CHR6:7352763	SSF x Far_LoA	-9,715	0,145	0,280
CHR6	7366489	CHR6:7366489	SSF x Far_LoA	-8,252	0,022	0,281
CHR6	7367486	CHR6:7367486	SSF x Far_LoA	-9,285	0,022	0,285
CHR6	7369221	CHR6:7369221	SSF x Far_LoA	-7,948	0,026	0,284
CHR6	7379867	CHR6:7379867	SSF x Far_LoA	-8,572	0,096	0,284
CHR6	7421188	CHR6:7421188	SSF x Far_LoA	-7,225	0,127	0,287
CHR6	7421211	CHR6:7421211	SSF x Far_LoA	-5,998	0,135	0,294
CHR6	7500168	CHR6:7500168	SSF x Far_LoA	-9,562	0,039	0,291
CHR6	750219	CHR6:750219	SSF x Far_LoA	-11,528	-0,053	0,275
CHR6	7525992	CHR6:7525992	SSF x Far_LoA	-12,620	0,011	0,292
CHR6	7526233	CHR6:7526233	SSF x Far_LoA	-9,227	0,035	0,274
CHR6	7545760	CHR6:7545760	SSF x Far_LoA	-9,636	0,064	0,280
CHR6	7545844	CHR6:7545844	SSF x Far_LoA	-7,925	-0,023	0,296
CHR6	7545869	CHR6:7545869	SSF x Far_LoA	-9,643	0,009	0,278
CHR6	7545878	CHR6:7545878	SSF x Far_LoA	-8,712	0,077	0,295
CHR6	7545909	CHR6:7545909	SSF x Far_LoA	-9,546	-0,025	0,298
CHR6	7548319	CHR6:7548319	SSF x Far_LoA	-9,016	0,039	0,302
CHR6	7548346	CHR6:7548346	SSF x Far_LoA	-8,409	0,047	0,298
CHR6	7548420	CHR6:7548420	SSF x Far_LoA	-5,055	-0,106	0,287
CHR6	7555420	CHR6:7555420	SSF x Far_LoA	-6,428	-0,191	0,276
CHR6	7558889	CHR6:7558889	SSF x Far_LoA	-6,087	0,138	0,288
CHR6	7558894	CHR6:7558894	SSF x Far_LoA	-8,454	0,158	0,288
CHR6	7564993	CHR6:7564993	SSF x Far_LoA	-9,103	-0,007	0,286
CHR6	7565045	CHR6:7565045	SSF x Far_LoA	-8,768	-0,075	0,286
CHR6	7565140	CHR6:7565140	SSF x Far_LoA	-7,750	0,041	0,282
CHR6	7565141	CHR6:7565141	SSF x Far_LoA	-1,015	-0,040	0,279
CHR6	7565180	CHR6:7565180	SSF x Far_LoA	-10,048	0,078	0,290
CHR6	756773	CHR6:756773	SSF x Far_LoA	-8,267	-0,051	0,293
CHR6	756809	CHR6:756809	SSF x Far_LoA	-8,603	-0,020	0,297

CHR6	7569667	CHR6:7569667	SSF x Far_LoA	-10,081	-0,020	0,270
CHR6	7569773	CHR6:7569773	SSF x Far_LoA	-11,078	0,027	0,305
CHR6	7569838	CHR6:7569838	SSF x Far_LoA	-6,673	0,065	0,302
CHR6	7579829	CHR6:7579829	SSF x Far_LoA	-8,783	0,095	0,281
CHR6	7579837	CHR6:7579837	SSF x Far_LoA	-9,670	-0,044	0,296
CHR6	7580105	CHR6:7580105	SSF x Far_LoA	-8,698	0,033	0,290
CHR6	7580218	CHR6:7580218	SSF x Far_LoA	-7,689	0,025	0,285
CHR6	7591522	CHR6:7591522	SSF x Far_LoA	-10,488	-0,012	0,297
CHR6	7599333	CHR6:7599333	SSF x Far_LoA	-8,663	-0,122	0,270
CHR6	7606681	CHR6:7606681	SSF x Far_LoA	-9,762	-0,091	0,292
CHR6	7611415	CHR6:7611415	SSF x Far_LoA	-10,527	0,010	0,291
CHR6	7657342	CHR6:7657342	SSF x Far_LoA	-4,991	0,072	0,293
CHR6	7659002	CHR6:7659002	SSF x Far_LoA	-10,649	0,040	0,296
CHR6	7659003	CHR6:7659003	SSF x Far_LoA	-10,215	0,086	0,279
CHR6	7659050	CHR6:7659050	SSF x Far_LoA	-7,964	-0,018	0,298
CHR6	7659063	CHR6:7659063	SSF x Far_LoA	-10,568	-0,087	0,298
CHR6	7659100	CHR6:7659100	SSF x Far_LoA	-8,489	-0,096	0,296
CHR6	7659102	CHR6:7659102	SSF x Far_LoA	-7,326	0,031	0,301
CHR6	7659121	CHR6:7659121	SSF x Far_LoA	-10,389	0,087	0,283
CHR6	7659136	CHR6:7659136	SSF x Far_LoA	-9,514	0,042	0,303
CHR6	7659145	CHR6:7659145	SSF x Far_LoA	-6,949	-0,064	0,294
CHR6	7659147	CHR6:7659147	SSF x Far_LoA	-10,872	0,078	0,284
CHR6	7659217	CHR6:7659217	SSF x Far_LoA	-9,620	0,044	0,302
CHR6	7659231	CHR6:7659231	SSF x Far_LoA	-11,898	0,034	0,292
CHR6	7659233	CHR6:7659233	SSF x Far_LoA	-11,040	0,069	0,291
CHR6	7659319	CHR6:7659319	SSF x Far_LoA	-11,392	0,016	0,295
CHR6	7681872	CHR6:7681872	SSF x Far_LoA	-7,715	0,109	0,297
CHR6	7687554	CHR6:7687554	SSF x Far_LoA	-9,703	0,111	0,277
CHR6	7701129	CHR6:7701129	SSF x Far_LoA	-9,170	-0,024	0,313
CHR6	7701215	CHR6:7701215	SSF x Far_LoA	-2,842	-0,136	0,290
CHR6	7701267	CHR6:7701267	SSF x Far_LoA	-10,765	0,059	0,284
CHR6	7701341	CHR6:7701341	SSF x Far_LoA	-10,652	-0,007	0,288
CHR6	7701480	CHR6:7701480	SSF x Far_LoA	-7,884	-0,088	0,290
CHR6	7725738	CHR6:7725738	SSF x Far_LoA	-7,778	0,082	0,310
CHR6	7725777	CHR6:7725777	SSF x Far_LoA	-8,702	-0,028	0,286
CHR6	7725914	CHR6:7725914	SSF x Far_LoA	-5,796	-0,082	0,306
CHR6	7725934	CHR6:7725934	SSF x Far_LoA	-9,237	0,104	0,291
CHR6	7729746	CHR6:7729746	SSF x Far_LoA	-6,706	0,067	0,298
CHR6	7729778	CHR6:7729778	SSF x Far_LoA	-8,607	0,041	0,283
CHR6	7729951	CHR6:7729951	SSF x Far_LoA	-10,953	0,132	0,279
CHR6	7733838	CHR6:7733838	SSF x Far_LoA	-8,430	-0,039	0,284
CHR6	7733911	CHR6:7733911	SSF x Far_LoA	-7,143	0,098	0,302
CHR6	7734181	CHR6:7734181	SSF x Far_LoA	-8,845	-0,153	0,276
CHR6	7751498	CHR6:7751498	SSF x Far_LoA	-9,046	0,174	0,281
CHR6	7751542	CHR6:7751542	SSF x Far_LoA	-9,705	0,024	0,293
CHR6	775567	CHR6:775567	SSF x Far_LoA	-6,896	-0,114	0,301
CHR6	7758231	CHR6:7758231	SSF x Far_LoA	-9,926	0,103	0,287
CHR6	7758239	CHR6:7758239	SSF x Far_LoA	-9,927	-0,049	0,292
CHR6	7758276	CHR6:7758276	SSF x Far_LoA	-7,687	-0,048	0,299
CHR6	7758282	CHR6:7758282	SSF x Far_LoA	-9,374	0,074	0,280
CHR6	7769026	CHR6:7769026	SSF x Far_LoA	-9,293	-0,021	0,300
CHR6	7774227	CHR6:7774227	SSF x Far_LoA	-7,586	0,083	0,299
CHR6	7774273	CHR6:7774273	SSF x Far_LoA	-4,647	-0,164	0,286

CHR6	7774326	CHR6:7774326	SSF x Far_LoA	-9,108	-0,122	0,282
CHR6	7774348	CHR6:7774348	SSF x Far_LoA	-9,984	-0,059	0,283
CHR6	7774356	CHR6:7774356	SSF x Far_LoA	-8,824	-0,021	0,300
CHR6	7774434	CHR6:7774434	SSF x Far_LoA	-2,127	-0,071	0,309
CHR6	7774481	CHR6:7774481	SSF x Far_LoA	-10,335	0,126	0,278
CHR6	7774523	CHR6:7774523	SSF x Far_LoA	2,837	0,114	0,289
CHR6	7788649	CHR6:7788649	SSF x Far_LoA	-9,359	-0,113	0,294
CHR6	7788728	CHR6:7788728	SSF x Far_LoA	-1,118	0,243	0,286
CHR6	7797462	CHR6:7797462	SSF x Far_LoA	-10,346	0,091	0,283
CHR6	7801065	CHR6:7801065	SSF x Far_LoA	-10,760	0,010	0,286
CHR6	7813786	CHR6:7813786	SSF x Far_LoA	-11,038	0,029	0,290
CHR6	7813873	CHR6:7813873	SSF x Far_LoA	-9,477	0,072	0,287
CHR6	7813874	CHR6:7813874	SSF x Far_LoA	-6,690	0,141	0,289
CHR6	7814033	CHR6:7814033	SSF x Far_LoA	-11,101	-0,094	0,294
CHR6	7840497	CHR6:7840497	SSF x Far_LoA	-10,181	-0,013	0,296
CHR6	7840553	CHR6:7840553	SSF x Far_LoA	-10,996	0,017	0,278
CHR6	7849777	CHR6:7849777	SSF x Far_LoA	-7,291	0,000	0,294
CHR6	7849837	CHR6:7849837	SSF x Far_LoA	-8,622	0,116	0,298
CHR6	7860691	CHR6:7860691	SSF x Far_LoA	-9,729	0,064	0,287
CHR6	7860757	CHR6:7860757	SSF x Far_LoA	-7,590	0,010	0,292
CHR6	7860808	CHR6:7860808	SSF x Far_LoA	-6,597	0,111	0,293
CHR6	7860816	CHR6:7860816	SSF x Far_LoA	-9,094	-0,005	0,303
CHR6	7860843	CHR6:7860843	SSF x Far_LoA	-11,680	0,000	0,279
CHR6	7870601	CHR6:7870601	SSF x Far_LoA	-7,436	0,037	0,295
CHR6	787171	CHR6:787171	SSF x Far_LoA	-9,098	-0,020	0,294
CHR6	788378	CHR6:788378	SSF x Far_LoA	-9,774	-0,057	0,298
CHR6	7884457	CHR6:7884457	SSF x Far_LoA	-8,375	0,076	0,286
CHR6	7887559	CHR6:7887559	SSF x Far_LoA	-12,747	0,001	0,295
CHR6	7887583	CHR6:7887583	SSF x Far_LoA	-11,558	0,047	0,300
CHR6	7887741	CHR6:7887741	SSF x Far_LoA	-9,954	0,053	0,281
CHR6	7887907	CHR6:7887907	SSF x Far_LoA	-7,847	0,131	0,287
CHR6	7894849	CHR6:7894849	SSF x Far_LoA	-10,243	0,070	0,288
CHR6	7894942	CHR6:7894942	SSF x Far_LoA	-7,637	-0,125	0,274
CHR6	7895022	CHR6:7895022	SSF x Far_LoA	-8,081	0,015	0,289
CHR6	7898851	CHR6:7898851	SSF x Far_LoA	-10,131	0,003	0,288
CHR6	7898855	CHR6:7898855	SSF x Far_LoA	-8,024	0,073	0,281
CHR6	7898885	CHR6:7898885	SSF x Far_LoA	-5,094	0,013	0,299
CHR6	7899016	CHR6:7899016	SSF x Far_LoA	-9,361	0,017	0,267
CHR6	7899132	CHR6:7899132	SSF x Far_LoA	-6,880	-0,123	0,281
CHR6	7899144	CHR6:7899144	SSF x Far_LoA	-7,295	-0,107	0,296
CHR6	7925298	CHR6:7925298	SSF x Far_LoA	-9,315	0,065	0,293
CHR6	7930970	CHR6:7930970	SSF x Far_LoA	-10,134	0,016	0,300
CHR6	7931257	CHR6:7931257	SSF x Far_LoA	-7,562	0,145	0,280
CHR6	7934268	CHR6:7934268	SSF x Far_LoA	-11,191	-0,064	0,280
CHR6	7934315	CHR6:7934315	SSF x Far_LoA	-7,615	-0,017	0,310
CHR6	7934337	CHR6:7934337	SSF x Far_LoA	-10,752	-0,049	0,295
CHR6	7948479	CHR6:7948479	SSF x Far_LoA	-8,573	0,017	0,291
CHR6	7948481	CHR6:7948481	SSF x Far_LoA	-6,052	0,050	0,273
CHR6	7948533	CHR6:7948533	SSF x Far_LoA	-11,110	0,037	0,275
CHR6	7948540	CHR6:7948540	SSF x Far_LoA	-11,514	0,061	0,281
CHR6	7948559	CHR6:7948559	SSF x Far_LoA	-7,594	-0,058	0,271
CHR6	7951976	CHR6:7951976	SSF x Far_LoA	-10,856	-0,067	0,303
CHR6	7952048	CHR6:7952048	SSF x Far_LoA	-10,866	-0,073	0,291

CHR6	7957027	CHR6:7957027	SSF x Far_LoA	-9,961	-0,038	0,273
CHR6	7957028	CHR6:7957028	SSF x Far_LoA	-9,749	0,016	0,284
CHR6	7957066	CHR6:7957066	SSF x Far_LoA	-8,818	-0,084	0,269
CHR6	7957133	CHR6:7957133	SSF x Far_LoA	-7,683	-0,097	0,295
CHR6	7957173	CHR6:7957173	SSF x Far_LoA	-5,666	-0,119	0,294
CHR6	7961096	CHR6:7961096	SSF x Far_LoA	-6,164	-0,023	0,299
CHR6	7961247	CHR6:7961247	SSF x Far_LoA	-9,134	-0,020	0,278
CHR6	7966321	CHR6:7966321	SSF x Far_LoA	-6,786	-0,150	0,290
CHR6	7974911	CHR6:7974911	SSF x Far_LoA	-10,828	0,022	0,296
CHR6	7974947	CHR6:7974947	SSF x Far_LoA	-11,852	-0,055	0,284
CHR6	7974996	CHR6:7974996	SSF x Far_LoA	-4,439	0,128	0,285
CHR6	7976063	CHR6:7976063	SSF x Far_LoA	-7,711	0,094	0,308
CHR6	7976094	CHR6:7976094	SSF x Far_LoA	-4,849	0,144	0,285
CHR6	7980259	CHR6:7980259	SSF x Far_LoA	-8,414	0,168	0,276
CHR6	7982027	CHR6:7982027	SSF x Far_LoA	-8,080	0,080	0,304
CHR6	7982057	CHR6:7982057	SSF x Far_LoA	-9,001	-0,033	0,294
CHR6	7982086	CHR6:7982086	SSF x Far_LoA	-7,212	-0,073	0,284
CHR6	7982093	CHR6:7982093	SSF x Far_LoA	-7,795	-0,066	0,292
CHR6	7982100	CHR6:7982100	SSF x Far_LoA	-8,202	0,009	0,289
CHR6	7982107	CHR6:7982107	SSF x Far_LoA	-8,165	0,025	0,296
CHR6	7982133	CHR6:7982133	SSF x Far_LoA	-6,007	0,125	0,292
CHR6	7982140	CHR6:7982140	SSF x Far_LoA	-11,284	0,030	0,291
CHR6	7982145	CHR6:7982145	SSF x Far_LoA	-10,975	0,022	0,278
CHR6	7984028	CHR6:7984028	SSF x Far_LoA	-8,167	-0,003	0,288
CHR6	7985373	CHR6:7985373	SSF x Far_LoA	-9,440	-0,039	0,293
CHR6	7985381	CHR6:7985381	SSF x Far_LoA	-8,148	-0,097	0,289
CHR6	7988794	CHR6:7988794	SSF x Far_LoA	-8,717	-0,044	0,284
CHR6	7988871	CHR6:7988871	SSF x Far_LoA	-9,319	0,002	0,274
CHR6	7996576	CHR6:7996576	SSF x Far_LoA	-8,872	0,119	0,288
CHR6	7996720	CHR6:7996720	SSF x Far_LoA	-11,339	0,011	0,280
CHR6	7996930	CHR6:7996930	SSF x Far_LoA	-10,519	-0,039	0,288
CHR6	8005738	CHR6:8005738	SSF x Far_LoA	4,079	-0,067	0,303
CHR6	8005814	CHR6:8005814	SSF x Far_LoA	-11,468	-0,023	0,293
CHR6	8005989	CHR6:8005989	SSF x Far_LoA	-9,102	0,007	0,296
CHR6	8005994	CHR6:8005994	SSF x Far_LoA	-8,584	0,064	0,294
CHR6	8018838	CHR6:8018838	SSF x Far_LoA	-11,885	0,030	0,288
CHR6	8018928	CHR6:8018928	SSF x Far_LoA	-8,533	0,084	0,281
CHR6	8018949	CHR6:8018949	SSF x Far_LoA	-8,162	-0,063	0,291
CHR6	8019098	CHR6:8019098	SSF x Far_LoA	-6,587	-0,060	0,301
CHR6	8033383	CHR6:8033383	SSF x Far_LoA	-10,314	0,023	0,297
CHR6	8033387	CHR6:8033387	SSF x Far_LoA	-11,170	-0,004	0,292
CHR6	8033404	CHR6:8033404	SSF x Far_LoA	-9,837	-0,026	0,301
CHR6	8067662	CHR6:8067662	SSF x Far_LoA	-8,046	-0,101	0,279
CHR6	8079548	CHR6:8079548	SSF x Far_LoA	-7,623	-0,038	0,280
CHR6	8079559	CHR6:8079559	SSF x Far_LoA	-9,586	0,007	0,269
CHR6	8079574	CHR6:8079574	SSF x Far_LoA	-10,168	-0,049	0,285
CHR6	8080806	CHR6:8080806	SSF x Far_LoA	-9,168	-0,035	0,303
CHR6	8082214	CHR6:8082214	SSF x Far_LoA	-8,149	-0,099	0,303
CHR6	8082228	CHR6:8082228	SSF x Far_LoA	-9,687	-0,071	0,277
CHR6	8082229	CHR6:8082229	SSF x Far_LoA	-9,577	-0,030	0,288
CHR6	8082269	CHR6:8082269	SSF x Far_LoA	-8,732	0,104	0,292
CHR6	8082284	CHR6:8082284	SSF x Far_LoA	-9,800	0,100	0,285
CHR6	8094848	CHR6:8094848	SSF x Far_LoA	-10,144	-0,055	0,283

CHR6	8096734	CHR6:8096734	SSF x Far_LoA	-8,519	-0,073	0,284
CHR6	8096785	CHR6:8096785	SSF x Far_LoA	-12,054	0,015	0,285
CHR6	8096789	CHR6:8096789	SSF x Far_LoA	-11,203	0,027	0,296
CHR6	8096803	CHR6:8096803	SSF x Far_LoA	-10,479	-0,002	0,294
CHR6	8096893	CHR6:8096893	SSF x Far_LoA	-10,468	-0,033	0,283
CHR6	810839	CHR6:810839	SSF x Far_LoA	-9,405	-0,128	0,292
CHR6	810968	CHR6:810968	SSF x Far_LoA	-8,692	-0,011	0,282
CHR6	810975	CHR6:810975	SSF x Far_LoA	-6,998	-0,056	0,283
CHR6	810998	CHR6:810998	SSF x Far_LoA	-8,345	-0,047	0,277
CHR6	8110415	CHR6:8110415	SSF x Far_LoA	0,229	-0,044	0,294
CHR6	811101	CHR6:811101	SSF x Far_LoA	-7,953	0,113	0,290
CHR6	811124	CHR6:811124	SSF x Far_LoA	-3,248	-0,108	0,277
CHR6	811130	CHR6:811130	SSF x Far_LoA	-7,965	0,016	0,295
CHR6	811133	CHR6:811133	SSF x Far_LoA	-7,876	0,130	0,285
CHR6	811134	CHR6:811134	SSF x Far_LoA	-9,740	-0,131	0,279
CHR6	8132929	CHR6:8132929	SSF x Far_LoA	-9,734	-0,041	0,292
CHR6	8132987	CHR6:8132987	SSF x Far_LoA	-5,368	0,190	0,286
CHR6	813688	CHR6:813688	SSF x Far_LoA	-10,468	-0,045	0,301
CHR6	8137257	CHR6:8137257	SSF x Far_LoA	-8,909	-0,026	0,292
CHR6	8137345	CHR6:8137345	SSF x Far_LoA	-10,881	-0,007	0,294
CHR6	813745	CHR6:813745	SSF x Far_LoA	-3,302	-0,183	0,273
CHR6	813760	CHR6:813760	SSF x Far_LoA	-11,925	-0,025	0,277
CHR6	8143639	CHR6:8143639	SSF x Far_LoA	-7,207	-0,097	0,296
CHR6	8143728	CHR6:8143728	SSF x Far_LoA	-10,583	0,096	0,278
CHR6	8143804	CHR6:8143804	SSF x Far_LoA	-10,654	0,118	0,289
CHR6	8150611	CHR6:8150611	SSF x Far_LoA	-8,366	0,075	0,295
CHR6	8150616	CHR6:8150616	SSF x Far_LoA	-9,709	0,043	0,273
CHR6	8159859	CHR6:8159859	SSF x Far_LoA	-9,239	-0,086	0,297
CHR6	8164586	CHR6:8164586	SSF x Far_LoA	-8,189	0,019	0,296
CHR6	8164601	CHR6:8164601	SSF x Far_LoA	-11,263	0,103	0,280
CHR6	8164776	CHR6:8164776	SSF x Far_LoA	-11,006	-0,001	0,302
CHR6	8168769	CHR6:8168769	SSF x Far_LoA	-10,758	-0,093	0,305
CHR6	8168771	CHR6:8168771	SSF x Far_LoA	-9,220	-0,003	0,302
CHR6	8168772	CHR6:8168772	SSF x Far_LoA	-9,699	0,019	0,297
CHR6	8168773	CHR6:8168773	SSF x Far_LoA	-11,030	0,013	0,285
CHR6	8168775	CHR6:8168775	SSF x Far_LoA	-8,552	0,006	0,307
CHR6	8168932	CHR6:8168932	SSF x Far_LoA	4,523	0,005	0,304
CHR6	8183547	CHR6:8183547	SSF x Far_LoA	-8,140	0,075	0,296
CHR6	8183752	CHR6:8183752	SSF x Far_LoA	-10,039	0,043	0,293
CHR6	8183775	CHR6:8183775	SSF x Far_LoA	-8,265	0,048	0,297
CHR6	8233984	CHR6:8233984	SSF x Far_LoA	-9,900	-0,084	0,298
CHR6	8234029	CHR6:8234029	SSF x Far_LoA	-11,435	-0,090	0,284
CHR6	823736	CHR6:823736	SSF x Far_LoA	-8,620	-0,116	0,282
CHR6	823811	CHR6:823811	SSF x Far_LoA	-11,814	0,029	0,295
CHR6	823902	CHR6:823902	SSF x Far_LoA	-8,718	-0,112	0,290
CHR6	8244134	CHR6:8244134	SSF x Far_LoA	-9,263	-0,009	0,292
CHR6	8252057	CHR6:8252057	SSF x Far_LoA	-7,248	0,139	0,268
CHR6	8252186	CHR6:8252186	SSF x Far_LoA	-7,986	-0,144	0,286
CHR6	8253554	CHR6:8253554	SSF x Far_LoA	-8,940	0,066	0,296
CHR6	8262249	CHR6:8262249	SSF x Far_LoA	-8,854	-0,077	0,285
CHR6	8262302	CHR6:8262302	SSF x Far_LoA	-10,063	0,071	0,276
CHR6	8263742	CHR6:8263742	SSF x Far_LoA	-9,517	-0,087	0,297
CHR6	8263745	CHR6:8263745	SSF x Far_LoA	-6,499	-0,112	0,288

CHR6	8264026	CHR6:8264026	SSF x Far_LoA	-11,142	0,046	0,305
CHR6	8271269	CHR6:8271269	SSF x Far_LoA	-9,658	-0,126	0,288
CHR6	8271415	CHR6:8271415	SSF x Far_LoA	-10,384	0,076	0,298
CHR6	8271466	CHR6:8271466	SSF x Far_LoA	-9,486	-0,028	0,290
CHR6	8294709	CHR6:8294709	SSF x Far_LoA	-8,374	-0,016	0,310
CHR6	8310489	CHR6:8310489	SSF x Far_LoA	-7,231	0,063	0,294
CHR6	8313303	CHR6:8313303	SSF x Far_LoA	-9,137	-0,053	0,293
CHR6	8313358	CHR6:8313358	SSF x Far_LoA	-9,283	0,091	0,294
CHR6	8313411	CHR6:8313411	SSF x Far_LoA	-11,629	-0,021	0,281
CHR6	8316858	CHR6:8316858	SSF x Far_LoA	-11,855	0,069	0,278
CHR6	8322267	CHR6:8322267	SSF x Far_LoA	-7,844	0,134	0,266
CHR6	8331436	CHR6:8331436	SSF x Far_LoA	-12,421	0,054	0,275
CHR6	8332633	CHR6:8332633	SSF x Far_LoA	-11,626	0,111	0,289
CHR6	8344886	CHR6:8344886	SSF x Far_LoA	-7,740	-0,099	0,311
CHR6	8344887	CHR6:8344887	SSF x Far_LoA	14,326	0,081	0,286
CHR6	8345102	CHR6:8345102	SSF x Far_LoA	-11,097	-0,042	0,305
CHR6	842992	CHR6:842992	SSF x Far_LoA	-11,191	0,089	0,286
CHR6	8439780	CHR6:8439780	SSF x Far_LoA	-11,835	0,007	0,284
CHR6	8451020	CHR6:8451020	SSF x Far_LoA	-4,873	-0,183	0,275
CHR6	8452167	CHR6:8452167	SSF x Far_LoA	-9,637	-0,048	0,288
CHR6	8538561	CHR6:8538561	SSF x Far_LoA	-3,381	0,120	0,288
CHR6	8538720	CHR6:8538720	SSF x Far_LoA	-12,214	-0,032	0,302
CHR6	8539886	CHR6:8539886	SSF x Far_LoA	-7,006	-0,072	0,299
CHR6	8540144	CHR6:8540144	SSF x Far_LoA	-11,399	0,014	0,286
CHR6	8540156	CHR6:8540156	SSF x Far_LoA	-5,837	0,118	0,277
CHR6	8547753	CHR6:8547753	SSF x Far_LoA	-7,644	0,063	0,284
CHR6	8547772	CHR6:8547772	SSF x Far_LoA	-8,015	-0,012	0,295
CHR6	8547773	CHR6:8547773	SSF x Far_LoA	-9,857	0,047	0,284
CHR6	8547774	CHR6:8547774	SSF x Far_LoA	-10,919	-0,122	0,286
CHR6	8547823	CHR6:8547823	SSF x Far_LoA	-9,972	0,051	0,290
CHR6	8547824	CHR6:8547824	SSF x Far_LoA	-9,842	0,016	0,285
CHR6	8547834	CHR6:8547834	SSF x Far_LoA	-2,395	0,086	0,279
CHR6	8547837	CHR6:8547837	SSF x Far_LoA	-11,453	0,053	0,281
CHR6	8560553	CHR6:8560553	SSF x Far_LoA	-10,493	0,063	0,282
CHR6	8560595	CHR6:8560595	SSF x Far_LoA	-8,822	0,020	0,294
CHR6	8560649	CHR6:8560649	SSF x Far_LoA	-10,135	0,049	0,282
CHR6	8587037	CHR6:8587037	SSF x Far_LoA	-11,721	-0,056	0,290
CHR6	8587194	CHR6:8587194	SSF x Far_LoA	-11,440	0,005	0,284
CHR6	8587218	CHR6:8587218	SSF x Far_LoA	-9,637	0,035	0,285
CHR6	8588360	CHR6:8588360	SSF x Far_LoA	-8,355	0,072	0,284
CHR6	8588383	CHR6:8588383	SSF x Far_LoA	-9,783	0,114	0,283
CHR6	8588443	CHR6:8588443	SSF x Far_LoA	-9,202	0,166	0,278
CHR6	8588452	CHR6:8588452	SSF x Far_LoA	-6,614	0,111	0,298
CHR6	8594942	CHR6:8594942	SSF x Far_LoA	-11,654	0,096	0,288
CHR6	8600693	CHR6:8600693	SSF x Far_LoA	-10,267	0,024	0,285
CHR6	8600797	CHR6:8600797	SSF x Far_LoA	-8,737	-0,019	0,285
CHR6	8619286	CHR6:8619286	SSF x Far_LoA	-11,980	-0,013	0,273
CHR6	8619404	CHR6:8619404	SSF x Far_LoA	-8,658	-0,110	0,301
CHR6	8621961	CHR6:8621961	SSF x Far_LoA	-9,395	0,010	0,287
CHR6	8621969	CHR6:8621969	SSF x Far_LoA	-9,590	0,079	0,279
CHR6	8622024	CHR6:8622024	SSF x Far_LoA	-9,564	-0,031	0,295
CHR6	8622300	CHR6:8622300	SSF x Far_LoA	-8,159	-0,112	0,281
CHR6	8656836	CHR6:8656836	SSF x Far_LoA	-9,609	0,020	0,294

CHR6	8656851	CHR6:8656851	SSF x Far_LoA	-7,053	0,079	0,304
CHR6	8656868	CHR6:8656868	SSF x Far_LoA	-1,222	-0,128	0,279
CHR6	8657727	CHR6:8657727	SSF x Far_LoA	-7,898	0,055	0,300
CHR6	8657824	CHR6:8657824	SSF x Far_LoA	-9,324	-0,056	0,296
CHR6	8670275	CHR6:8670275	SSF x Far_LoA	-10,881	-0,043	0,280
CHR6	8670449	CHR6:8670449	SSF x Far_LoA	-8,985	-0,123	0,270
CHR6	8670574	CHR6:8670574	SSF x Far_LoA	-10,775	-0,008	0,294
CHR6	8677280	CHR6:8677280	SSF x Far_LoA	-7,927	-0,060	0,300
CHR6	8697264	CHR6:8697264	SSF x Far_LoA	-7,486	0,061	0,287
CHR6	8702265	CHR6:8702265	SSF x Far_LoA	-10,359	0,009	0,284
CHR6	8704064	CHR6:8704064	SSF x Far_LoA	-8,725	-0,036	0,291
CHR6	8704248	CHR6:8704248	SSF x Far_LoA	-5,141	0,132	0,286
CHR6	8704307	CHR6:8704307	SSF x Far_LoA	-11,639	-0,099	0,309
CHR6	8704380	CHR6:8704380	SSF x Far_LoA	-10,571	-0,007	0,282
CHR6	871550	CHR6:871550	SSF x Far_LoA	-9,819	0,091	0,282
CHR6	871658	CHR6:871658	SSF x Far_LoA	-9,291	0,031	0,294
CHR6	8733992	CHR6:8733992	SSF x Far_LoA	-11,049	0,019	0,271
CHR6	8734123	CHR6:8734123	SSF x Far_LoA	-5,730	0,006	0,278
CHR6	8734293	CHR6:8734293	SSF x Far_LoA	-8,348	0,067	0,276
CHR6	8737303	CHR6:8737303	SSF x Far_LoA	-7,856	-0,032	0,303
CHR6	8737358	CHR6:8737358	SSF x Far_LoA	-6,136	-0,164	0,289
CHR6	8749802	CHR6:8749802	SSF x Far_LoA	-6,281	0,037	0,290
CHR6	8749805	CHR6:8749805	SSF x Far_LoA	-8,832	-0,005	0,283
CHR6	8757275	CHR6:8757275	SSF x Far_LoA	-7,732	0,000	0,291
CHR6	8771885	CHR6:8771885	SSF x Far_LoA	-8,655	0,052	0,266
CHR6	8781802	CHR6:8781802	SSF x Far_LoA	-9,922	-0,012	0,302
CHR6	8781916	CHR6:8781916	SSF x Far_LoA	-9,232	0,019	0,284
CHR6	8781977	CHR6:8781977	SSF x Far_LoA	-11,477	0,054	0,285
CHR6	8785737	CHR6:8785737	SSF x Far_LoA	-11,531	0,017	0,305
CHR6	8786052	CHR6:8786052	SSF x Far_LoA	-9,182	0,091	0,300
CHR6	8794628	CHR6:8794628	SSF x Far_LoA	-8,901	-0,149	0,284
CHR6	8794687	CHR6:8794687	SSF x Far_LoA	-8,898	-0,042	0,287
CHR6	8794713	CHR6:8794713	SSF x Far_LoA	-11,684	0,053	0,281
CHR6	8796076	CHR6:8796076	SSF x Far_LoA	-4,980	-0,277	0,276
CHR6	8799738	CHR6:8799738	SSF x Far_LoA	-5,570	-0,130	0,300
CHR6	8799739	CHR6:8799739	SSF x Far_LoA	-3,040	-0,164	0,290
CHR6	8799780	CHR6:8799780	SSF x Far_LoA	-7,479	-0,112	0,297
CHR6	8799819	CHR6:8799819	SSF x Far_LoA	-8,670	-0,050	0,282
CHR6	8799820	CHR6:8799820	SSF x Far_LoA	-9,012	-0,078	0,275
CHR6	8802304	CHR6:8802304	SSF x Far_LoA	-10,527	-0,020	0,284
CHR6	8802314	CHR6:8802314	SSF x Far_LoA	-8,718	0,032	0,282
CHR6	8802416	CHR6:8802416	SSF x Far_LoA	-1,450	0,139	0,290
CHR6	8802464	CHR6:8802464	SSF x Far_LoA	-8,145	-0,213	0,275
CHR6	8803263	CHR6:8803263	SSF x Far_LoA	-6,381	0,134	0,283
CHR6	8803307	CHR6:8803307	SSF x Far_LoA	-9,512	-0,082	0,291
CHR6	8803333	CHR6:8803333	SSF x Far_LoA	-9,763	-0,123	0,291
CHR6	8803341	CHR6:8803341	SSF x Far_LoA	-6,762	0,109	0,294
CHR6	8811088	CHR6:8811088	SSF x Far_LoA	-8,892	-0,031	0,291
CHR6	8815477	CHR6:8815477	SSF x Far_LoA	-10,222	0,086	0,270
CHR6	8815649	CHR6:8815649	SSF x Far_LoA	-11,090	0,088	0,294
CHR6	8815680	CHR6:8815680	SSF x Far_LoA	-10,538	0,065	0,286
CHR6	8815710	CHR6:8815710	SSF x Far_LoA	-9,233	0,032	0,293
CHR6	8817665	CHR6:8817665	SSF x Far_LoA	-9,280	-0,026	0,300

CHR6	8834274	CHR6:8834274	SSF x Far_LoA	-8,573	0,006	0,307
CHR6	8834333	CHR6:8834333	SSF x Far_LoA	-8,571	0,021	0,290
CHR6	8834367	CHR6:8834367	SSF x Far_LoA	-9,293	0,021	0,279
CHR6	8834575	CHR6:8834575	SSF x Far_LoA	-9,878	0,049	0,292
CHR6	8834581	CHR6:8834581	SSF x Far_LoA	-11,882	-0,031	0,290
CHR6	8839247	CHR6:8839247	SSF x Far_LoA	-9,155	0,070	0,286
CHR6	8848562	CHR6:8848562	SSF x Far_LoA	-10,406	-0,009	0,264
CHR6	884985	CHR6:884985	SSF x Far_LoA	-10,142	-0,048	0,282
CHR6	8850986	CHR6:8850986	SSF x Far_LoA	-6,946	-0,159	0,279
CHR6	885157	CHR6:885157	SSF x Far_LoA	-10,035	-0,033	0,307
CHR6	885180	CHR6:885180	SSF x Far_LoA	-4,894	-0,206	0,275
CHR6	885198	CHR6:885198	SSF x Far_LoA	-10,997	0,075	0,295
CHR6	885208	CHR6:885208	SSF x Far_LoA	-9,132	-0,053	0,302
CHR6	885343	CHR6:885343	SSF x Far_LoA	-8,796	-0,092	0,288
CHR6	8865546	CHR6:8865546	SSF x Far_LoA	-9,659	-0,030	0,290
CHR6	8866242	CHR6:8866242	SSF x Far_LoA	-11,018	0,005	0,302
CHR6	8870431	CHR6:8870431	SSF x Far_LoA	-7,500	0,103	0,293
CHR6	8870433	CHR6:8870433	SSF x Far_LoA	-7,889	0,088	0,291
CHR6	8870462	CHR6:8870462	SSF x Far_LoA	-8,297	-0,134	0,293
CHR6	8870492	CHR6:8870492	SSF x Far_LoA	-6,684	-0,132	0,290
CHR6	8872630	CHR6:8872630	SSF x Far_LoA	-11,236	0,029	0,280
CHR6	8872669	CHR6:8872669	SSF x Far_LoA	-7,993	0,022	0,301
CHR6	8872863	CHR6:8872863	SSF x Far_LoA	-5,367	0,084	0,301
CHR6	8887765	CHR6:8887765	SSF x Far_LoA	-8,730	0,064	0,294
CHR6	8891523	CHR6:8891523	SSF x Far_LoA	-9,746	-0,002	0,276
CHR6	8891556	CHR6:8891556	SSF x Far_LoA	-9,129	-0,031	0,286
CHR6	8891714	CHR6:8891714	SSF x Far_LoA	-9,546	-0,047	0,273
CHR6	8891716	CHR6:8891716	SSF x Far_LoA	-9,573	-0,099	0,279
CHR6	8891756	CHR6:8891756	SSF x Far_LoA	-8,212	-0,025	0,279
CHR6	8891757	CHR6:8891757	SSF x Far_LoA	-9,964	-0,030	0,299
CHR6	8896025	CHR6:8896025	SSF x Far_LoA	-8,024	-0,122	0,274
CHR6	8896031	CHR6:8896031	SSF x Far_LoA	-7,087	-0,092	0,278
CHR6	8896179	CHR6:8896179	SSF x Far_LoA	-5,472	0,003	0,301
CHR6	8904929	CHR6:8904929	SSF x Far_LoA	-10,657	0,033	0,301
CHR6	8905119	CHR6:8905119	SSF x Far_LoA	-8,063	-0,053	0,294
CHR6	8939856	CHR6:8939856	SSF x Far_LoA	-8,670	-0,040	0,292
CHR6	8939870	CHR6:8939870	SSF x Far_LoA	-11,073	-0,038	0,300
CHR6	8939872	CHR6:8939872	SSF x Far_LoA	-8,018	-0,071	0,273
CHR6	8939906	CHR6:8939906	SSF x Far_LoA	-6,657	0,091	0,269
CHR6	8939920	CHR6:8939920	SSF x Far_LoA	-8,841	0,043	0,279
CHR6	8939957	CHR6:8939957	SSF x Far_LoA	-10,788	-0,131	0,276
CHR6	8940081	CHR6:8940081	SSF x Far_LoA	-6,304	0,045	0,286
CHR6	8943901	CHR6:8943901	SSF x Far_LoA	-8,678	0,141	0,279
CHR6	8943959	CHR6:8943959	SSF x Far_LoA	-10,270	0,021	0,290
CHR6	8943991	CHR6:8943991	SSF x Far_LoA	-8,618	-0,152	0,297
CHR6	8944012	CHR6:8944012	SSF x Far_LoA	-9,106	0,037	0,292
CHR6	8944041	CHR6:8944041	SSF x Far_LoA	-7,444	-0,042	0,304
CHR6	8946685	CHR6:8946685	SSF x Far_LoA	-8,472	-0,034	0,298
CHR6	8946770	CHR6:8946770	SSF x Far_LoA	-3,031	-0,097	0,286
CHR6	8946780	CHR6:8946780	SSF x Far_LoA	-9,901	0,088	0,292
CHR6	8946784	CHR6:8946784	SSF x Far_LoA	-8,797	0,020	0,306
CHR6	8946796	CHR6:8946796	SSF x Far_LoA	-8,649	-0,132	0,302
CHR6	8946861	CHR6:8946861	SSF x Far_LoA	-8,608	-0,117	0,291

CHR6	8946884	CHR6:8946884	SSF x Far_LoA	-9,013	-0,111	0,296
CHR6	8961762	CHR6:8961762	SSF x Far_LoA	-8,487	-0,055	0,297
CHR6	8961862	CHR6:8961862	SSF x Far_LoA	-8,932	-0,014	0,298
CHR6	8962875	CHR6:8962875	SSF x Far_LoA	-9,414	0,034	0,289
CHR6	897649	CHR6:897649	SSF x Far_LoA	-8,809	0,015	0,302
CHR6	897689	CHR6:897689	SSF x Far_LoA	-9,429	0,027	0,295
CHR6	9002347	CHR6:9002347	SSF x Far_LoA	-10,480	-0,058	0,281
CHR6	9002449	CHR6:9002449	SSF x Far_LoA	-6,682	-0,075	0,308
CHR6	9002588	CHR6:9002588	SSF x Far_LoA	-10,859	-0,036	0,293
CHR6	9006584	CHR6:9006584	SSF x Far_LoA	-7,141	0,128	0,286
CHR6	9006786	CHR6:9006786	SSF x Far_LoA	-10,441	-0,036	0,276
CHR6	9015010	CHR6:9015010	SSF x Far_LoA	-8,989	0,058	0,308
CHR6	902673	CHR6:902673	SSF x Far_LoA	-9,937	-0,035	0,299
CHR6	902734	CHR6:902734	SSF x Far_LoA	-8,948	-0,089	0,275
CHR6	902820	CHR6:902820	SSF x Far_LoA	-11,816	-0,076	0,272
CHR6	902827	CHR6:902827	SSF x Far_LoA	-9,409	-0,033	0,293
CHR6	902907	CHR6:902907	SSF x Far_LoA	-7,614	-0,162	0,292
CHR6	903109	CHR6:903109	SSF x Far_LoA	-10,839	0,065	0,295
CHR6	9032204	CHR6:9032204	SSF x Far_LoA	-10,331	-0,077	0,288
CHR6	9043969	CHR6:9043969	SSF x Far_LoA	-11,663	0,004	0,296
CHR6	9044047	CHR6:9044047	SSF x Far_LoA	-11,247	0,083	0,288
CHR6	9044152	CHR6:9044152	SSF x Far_LoA	-7,562	0,125	0,279
CHR6	9049483	CHR6:9049483	SSF x Far_LoA	-8,329	-0,065	0,301
CHR6	9049524	CHR6:9049524	SSF x Far_LoA	-11,179	0,058	0,298
CHR6	9049552	CHR6:9049552	SSF x Far_LoA	-6,854	-0,033	0,289
CHR6	9049578	CHR6:9049578	SSF x Far_LoA	-10,772	-0,015	0,308
CHR6	9061268	CHR6:9061268	SSF x Far_LoA	-10,144	-0,088	0,291
CHR6	9062967	CHR6:9062967	SSF x Far_LoA	-8,768	-0,086	0,295
CHR6	9062991	CHR6:9062991	SSF x Far_LoA	-9,125	0,088	0,296
CHR6	9062992	CHR6:9062992	SSF x Far_LoA	-10,664	0,002	0,290
CHR6	9068178	CHR6:9068178	SSF x Far_LoA	-10,538	0,063	0,304
CHR6	907350	CHR6:907350	SSF x Far_LoA	-11,103	-0,020	0,285
CHR6	907375	CHR6:907375	SSF x Far_LoA	-11,063	0,053	0,284
CHR6	907385	CHR6:907385	SSF x Far_LoA	-0,397	0,122	0,280
CHR6	907388	CHR6:907388	SSF x Far_LoA	-10,153	0,081	0,284
CHR6	907389	CHR6:907389	SSF x Far_LoA	-7,875	0,068	0,287
CHR6	9085292	CHR6:9085292	SSF x Far_LoA	-10,415	0,055	0,290
CHR6	9098799	CHR6:9098799	SSF x Far_LoA	-8,162	-0,135	0,289
CHR6	9107171	CHR6:9107171	SSF x Far_LoA	-11,220	0,103	0,270
CHR6	9107173	CHR6:9107173	SSF x Far_LoA	-11,964	0,063	0,283
CHR6	9107180	CHR6:9107180	SSF x Far_LoA	-11,039	0,086	0,275
CHR6	9107223	CHR6:9107223	SSF x Far_LoA	-9,634	-0,105	0,286
CHR6	9107252	CHR6:9107252	SSF x Far_LoA	-8,448	0,012	0,290
CHR6	9114508	CHR6:9114508	SSF x Far_LoA	-11,490	-0,067	0,288
CHR6	9114569	CHR6:9114569	SSF x Far_LoA	-9,429	0,075	0,289
CHR6	9114571	CHR6:9114571	SSF x Far_LoA	-9,646	0,040	0,293
CHR6	9114671	CHR6:9114671	SSF x Far_LoA	-8,173	-0,062	0,304
CHR6	9133951	CHR6:9133951	SSF x Far_LoA	-8,874	-0,134	0,296
CHR6	9134090	CHR6:9134090	SSF x Far_LoA	-7,046	-0,206	0,288
CHR6	9134104	CHR6:9134104	SSF x Far_LoA	-7,963	0,151	0,284
CHR6	9134149	CHR6:9134149	SSF x Far_LoA	-8,524	0,057	0,302
CHR6	9148966	CHR6:9148966	SSF x Far_LoA	-11,687	0,010	0,294
CHR6	9149027	CHR6:9149027	SSF x Far_LoA	-8,531	0,041	0,281

CHR6	9149049	CHR6:9149049	SSF x Far_LoA	-9,714	0,001	0,295
CHR6	9149175	CHR6:9149175	SSF x Far_LoA	-8,758	-0,089	0,290
CHR6	9158873	CHR6:9158873	SSF x Far_LoA	-8,171	0,029	0,306
CHR6	9158999	CHR6:9158999	SSF x Far_LoA	-8,975	-0,093	0,288
CHR6	9162882	CHR6:9162882	SSF x Far_LoA	-10,115	0,020	0,303
CHR6	9162975	CHR6:9162975	SSF x Far_LoA	-11,004	-0,082	0,285
CHR6	9198605	CHR6:9198605	SSF x Far_LoA	-9,036	-0,086	0,291
CHR6	9198631	CHR6:9198631	SSF x Far_LoA	-10,212	0,098	0,295
CHR6	9198639	CHR6:9198639	SSF x Far_LoA	-11,731	0,082	0,285
CHR6	9198649	CHR6:9198649	SSF x Far_LoA	-10,621	0,097	0,300
CHR6	9198732	CHR6:9198732	SSF x Far_LoA	-11,136	0,059	0,284
CHR6	9205673	CHR6:9205673	SSF x Far_LoA	-8,934	-0,060	0,310
CHR6	9220554	CHR6:9220554	SSF x Far_LoA	-8,867	0,002	0,293
CHR6	9228488	CHR6:9228488	SSF x Far_LoA	-10,906	0,013	0,293
CHR6	9237717	CHR6:9237717	SSF x Far_LoA	-10,596	-0,092	0,291
CHR6	9237898	CHR6:9237898	SSF x Far_LoA	-8,601	-0,114	0,293
CHR6	9237912	CHR6:9237912	SSF x Far_LoA	-8,207	-0,015	0,290
CHR6	9237978	CHR6:9237978	SSF x Far_LoA	-10,491	-0,137	0,263
CHR6	9238039	CHR6:9238039	SSF x Far_LoA	-8,643	-0,103	0,288
CHR6	9238147	CHR6:9238147	SSF x Far_LoA	-9,995	0,022	0,289
CHR6	9243911	CHR6:9243911	SSF x Far_LoA	-8,727	0,036	0,289
CHR6	9243913	CHR6:9243913	SSF x Far_LoA	-7,326	0,056	0,300
CHR6	9244052	CHR6:9244052	SSF x Far_LoA	-8,389	-0,090	0,283
CHR6	9244078	CHR6:9244078	SSF x Far_LoA	-9,923	-0,038	0,295
CHR6	9244146	CHR6:9244146	SSF x Far_LoA	-7,172	0,114	0,298
CHR6	9244152	CHR6:9244152	SSF x Far_LoA	-11,823	-0,069	0,285
CHR6	9244200	CHR6:9244200	SSF x Far_LoA	-10,328	-0,009	0,297
CHR6	9249853	CHR6:9249853	SSF x Far_LoA	-11,994	-0,021	0,281
CHR6	9249929	CHR6:9249929	SSF x Far_LoA	-10,817	-0,021	0,281
CHR6	9249967	CHR6:9249967	SSF x Far_LoA	-6,531	0,170	0,286
CHR6	9250062	CHR6:9250062	SSF x Far_LoA	-9,168	0,058	0,307
CHR6	9274930	CHR6:9274930	SSF x Far_LoA	-9,131	0,046	0,288
CHR6	9274960	CHR6:9274960	SSF x Far_LoA	-10,396	-0,030	0,294
CHR6	9274978	CHR6:9274978	SSF x Far_LoA	-10,694	-0,043	0,284
CHR6	9287937	CHR6:9287937	SSF x Far_LoA	-11,154	0,063	0,292
CHR6	9287987	CHR6:9287987	SSF x Far_LoA	-8,965	0,075	0,279
CHR6	9288020	CHR6:9288020	SSF x Far_LoA	-8,197	0,063	0,302
CHR6	9288038	CHR6:9288038	SSF x Far_LoA	-7,782	0,115	0,293
CHR6	9292304	CHR6:9292304	SSF x Far_LoA	-10,521	-0,070	0,293
CHR6	9293568	CHR6:9293568	SSF x Far_LoA	-10,468	0,020	0,294
CHR6	9293598	CHR6:9293598	SSF x Far_LoA	-10,204	0,048	0,285
CHR6	933888	CHR6:933888	SSF x Far_LoA	-9,741	0,000	0,288
CHR6	9341131	CHR6:9341131	SSF x Far_LoA	-9,194	0,053	0,293
CHR6	9341153	CHR6:9341153	SSF x Far_LoA	-8,572	0,048	0,287
CHR6	9341164	CHR6:9341164	SSF x Far_LoA	-10,665	-0,051	0,270
CHR6	9341252	CHR6:9341252	SSF x Far_LoA	-11,914	0,028	0,292
CHR6	9348455	CHR6:9348455	SSF x Far_LoA	-9,915	-0,012	0,298
CHR6	9348788	CHR6:9348788	SSF x Far_LoA	-9,312	-0,119	0,271
CHR6	9356724	CHR6:9356724	SSF x Far_LoA	-8,871	-0,052	0,286
CHR6	9357009	CHR6:9357009	SSF x Far_LoA	-3,394	0,174	0,286
CHR6	9357041	CHR6:9357041	SSF x Far_LoA	-7,043	-0,043	0,303
CHR6	9394133	CHR6:9394133	SSF x Far_LoA	-9,993	-0,037	0,280
CHR6	9394140	CHR6:9394140	SSF x Far_LoA	-10,518	0,080	0,296

CHR6	9395829	CHR6:9395829	SSF x Far_LoA	-9,445	-0,102	0,288
CHR6	9396050	CHR6:9396050	SSF x Far_LoA	-12,198	0,040	0,283
CHR6	9399897	CHR6:9399897	SSF x Far_LoA	-11,162	0,062	0,288
CHR6	9403881	CHR6:9403881	SSF x Far_LoA	-10,268	0,063	0,288
CHR6	9403968	CHR6:9403968	SSF x Far_LoA	-9,737	-0,008	0,296
CHR6	942058	CHR6:942058	SSF x Far_LoA	-10,699	0,000	0,288
CHR6	942305	CHR6:942305	SSF x Far_LoA	-9,571	0,055	0,287
CHR6	942397	CHR6:942397	SSF x Far_LoA	-6,690	-0,154	0,291
CHR6	9431558	CHR6:9431558	SSF x Far_LoA	-9,516	0,079	0,272
CHR6	9431898	CHR6:9431898	SSF x Far_LoA	-11,098	0,097	0,291
CHR6	9456742	CHR6:9456742	SSF x Far_LoA	-7,486	-0,074	0,294
CHR6	9456780	CHR6:9456780	SSF x Far_LoA	-8,700	-0,027	0,293
CHR6	9456785	CHR6:9456785	SSF x Far_LoA	-8,569	-0,025	0,297
CHR6	9456818	CHR6:9456818	SSF x Far_LoA	-8,557	0,054	0,288
CHR6	9456834	CHR6:9456834	SSF x Far_LoA	-11,031	0,052	0,307
CHR6	9486181	CHR6:9486181	SSF x Far_LoA	-11,412	-0,031	0,282
CHR6	9486344	CHR6:9486344	SSF x Far_LoA	-9,230	-0,049	0,305
CHR6	9489709	CHR6:9489709	SSF x Far_LoA	-8,824	0,069	0,287
CHR6	9496251	CHR6:9496251	SSF x Far_LoA	-10,677	0,039	0,305
CHR6	9496323	CHR6:9496323	SSF x Far_LoA	-9,229	-0,027	0,309
CHR6	9496337	CHR6:9496337	SSF x Far_LoA	-10,308	-0,029	0,300
CHR6	950290	CHR6:950290	SSF x Far_LoA	-10,229	-0,088	0,295
CHR6	950405	CHR6:950405	SSF x Far_LoA	-7,205	0,191	0,289
CHR6	9514723	CHR6:9514723	SSF x Far_LoA	-9,520	0,033	0,301
CHR6	9514725	CHR6:9514725	SSF x Far_LoA	-8,887	-0,006	0,311
CHR6	9514754	CHR6:9514754	SSF x Far_LoA	-8,937	0,081	0,290
CHR6	9514776	CHR6:9514776	SSF x Far_LoA	-6,515	0,081	0,301
CHR6	9514780	CHR6:9514780	SSF x Far_LoA	-8,966	0,026	0,285
CHR6	9514799	CHR6:9514799	SSF x Far_LoA	-9,116	0,030	0,290
CHR6	9514836	CHR6:9514836	SSF x Far_LoA	-10,206	0,090	0,273
CHR6	9515116	CHR6:9515116	SSF x Far_LoA	-8,104	-0,031	0,304
CHR6	9515160	CHR6:9515160	SSF x Far_LoA	-7,943	-0,136	0,295
CHR6	9523731	CHR6:9523731	SSF x Far_LoA	-4,772	0,138	0,267
CHR6	9536039	CHR6:9536039	SSF x Far_LoA	-5,613	-0,229	0,263
CHR6	9536044	CHR6:9536044	SSF x Far_LoA	-6,993	-0,147	0,278
CHR6	9551432	CHR6:9551432	SSF x Far_LoA	-10,241	0,010	0,298
CHR6	9551882	CHR6:9551882	SSF x Far_LoA	-8,461	0,058	0,290
CHR6	9568233	CHR6:9568233	SSF x Far_LoA	-11,405	0,006	0,285
CHR6	9568337	CHR6:9568337	SSF x Far_LoA	-11,037	0,046	0,295
CHR6	9568527	CHR6:9568527	SSF x Far_LoA	-10,337	-0,003	0,286
CHR6	9568537	CHR6:9568537	SSF x Far_LoA	-9,630	0,006	0,299
CHR6	9568576	CHR6:9568576	SSF x Far_LoA	-7,811	0,154	0,291
CHR6	9572547	CHR6:9572547	SSF x Far_LoA	-5,066	-0,230	0,285
CHR6	9572581	CHR6:9572581	SSF x Far_LoA	-11,131	-0,014	0,278
CHR6	9572586	CHR6:9572586	SSF x Far_LoA	-8,942	0,017	0,316
CHR6	9572634	CHR6:9572634	SSF x Far_LoA	-9,475	0,134	0,287
CHR6	9572645	CHR6:9572645	SSF x Far_LoA	-2,683	-0,219	0,279
CHR6	9572683	CHR6:9572683	SSF x Far_LoA	-5,881	0,177	0,291
CHR6	9572694	CHR6:9572694	SSF x Far_LoA	-2,656	0,164	0,282
CHR6	9572786	CHR6:9572786	SSF x Far_LoA	-8,918	0,089	0,286
CHR6	958166	CHR6:958166	SSF x Far_LoA	-8,854	0,022	0,304
CHR6	958359	CHR6:958359	SSF x Far_LoA	-9,069	-0,005	0,289
CHR6	958433	CHR6:958433	SSF x Far_LoA	-8,469	0,094	0,294

CHR6	9586043	CHR6:9586043	SSF x Far_LoA	-8,783	-0,030	0,296
CHR6	9586266	CHR6:9586266	SSF x Far_LoA	-10,633	0,051	0,292
CHR6	9593266	CHR6:9593266	SSF x Far_LoA	-8,543	-0,030	0,293
CHR6	9593305	CHR6:9593305	SSF x Far_LoA	-8,750	-0,117	0,279
CHR6	9593339	CHR6:9593339	SSF x Far_LoA	-7,743	-0,159	0,292
CHR6	9593400	CHR6:9593400	SSF x Far_LoA	-8,339	0,121	0,285
CHR6	9593442	CHR6:9593442	SSF x Far_LoA	-8,018	0,127	0,279
CHR6	9593556	CHR6:9593556	SSF x Far_LoA	-10,846	-0,023	0,299
CHR6	9627075	CHR6:9627075	SSF x Far_LoA	-9,591	-0,100	0,287
CHR6	9628213	CHR6:9628213	SSF x Far_LoA	-9,261	0,059	0,278
CHR6	9628285	CHR6:9628285	SSF x Far_LoA	-9,416	-0,122	0,289
CHR6	9628298	CHR6:9628298	SSF x Far_LoA	-7,203	-0,129	0,293
CHR6	9628354	CHR6:9628354	SSF x Far_LoA	-3,611	0,107	0,285
CHR6	9628364	CHR6:9628364	SSF x Far_LoA	-10,017	0,025	0,281
CHR6	9628389	CHR6:9628389	SSF x Far_LoA	-8,593	0,107	0,295
CHR6	9628393	CHR6:9628393	SSF x Far_LoA	6,226	-0,136	0,274
CHR6	9628407	CHR6:9628407	SSF x Far_LoA	-8,944	0,094	0,302
CHR6	9628435	CHR6:9628435	SSF x Far_LoA	-8,567	0,052	0,297
CHR6	9628467	CHR6:9628467	SSF x Far_LoA	-8,355	-0,183	0,273
CHR6	9632637	CHR6:9632637	SSF x Far_LoA	-8,677	0,001	0,286
CHR6	9632670	CHR6:9632670	SSF x Far_LoA	-11,614	-0,011	0,292
CHR6	9632730	CHR6:9632730	SSF x Far_LoA	-9,706	0,158	0,272
CHR6	9632827	CHR6:9632827	SSF x Far_LoA	-8,608	-0,042	0,290
CHR6	9632861	CHR6:9632861	SSF x Far_LoA	-9,887	-0,004	0,289
CHR6	9632874	CHR6:9632874	SSF x Far_LoA	-9,485	0,074	0,298
CHR6	9632891	CHR6:9632891	SSF x Far_LoA	-8,832	0,052	0,291
CHR6	9647721	CHR6:9647721	SSF x Far_LoA	-8,970	0,008	0,292
CHR6	9654586	CHR6:9654586	SSF x Far_LoA	-8,989	0,094	0,304
CHR6	9654984	CHR6:9654984	SSF x Far_LoA	-6,755	-0,003	0,298
CHR6	9657828	CHR6:9657828	SSF x Far_LoA	-8,393	0,058	0,298
CHR6	9657831	CHR6:9657831	SSF x Far_LoA	-9,675	-0,037	0,290
CHR6	9657834	CHR6:9657834	SSF x Far_LoA	-10,202	0,016	0,289
CHR6	9657974	CHR6:9657974	SSF x Far_LoA	-8,146	-0,115	0,286
CHR6	9658036	CHR6:9658036	SSF x Far_LoA	-5,479	-0,145	0,295
CHR6	9662490	CHR6:9662490	SSF x Far_LoA	-9,970	0,079	0,289
CHR6	9662498	CHR6:9662498	SSF x Far_LoA	-11,806	0,058	0,290
CHR6	9662505	CHR6:9662505	SSF x Far_LoA	-9,894	0,089	0,286
CHR6	9664040	CHR6:9664040	SSF x Far_LoA	-9,901	-0,024	0,295
CHR6	9664219	CHR6:9664219	SSF x Far_LoA	-8,332	0,121	0,281
CHR6	9664287	CHR6:9664287	SSF x Far_LoA	-8,733	0,049	0,302
CHR6	9672928	CHR6:9672928	SSF x Far_LoA	-0,521	0,092	0,304
CHR6	9676929	CHR6:9676929	SSF x Far_LoA	-7,138	0,068	0,308
CHR6	9691407	CHR6:9691407	SSF x Far_LoA	-7,152	-0,088	0,286
CHR6	9691475	CHR6:9691475	SSF x Far_LoA	-7,487	0,127	0,291
CHR6	9699441	CHR6:9699441	SSF x Far_LoA	-4,991	-0,057	0,287
CHR6	9725851	CHR6:9725851	SSF x Far_LoA	-9,861	-0,078	0,284
CHR6	9725982	CHR6:9725982	SSF x Far_LoA	-8,729	-0,057	0,292
CHR6	9730983	CHR6:9730983	SSF x Far_LoA	-8,721	0,011	0,297
CHR6	9753194	CHR6:9753194	SSF x Far_LoA	-9,459	0,055	0,283
CHR6	9753213	CHR6:9753213	SSF x Far_LoA	-11,586	-0,002	0,285
CHR6	976831	CHR6:976831	SSF x Far_LoA	-8,417	0,067	0,301
CHR6	9780102	CHR6:9780102	SSF x Far_LoA	-6,932	0,168	0,289
CHR6	9782585	CHR6:9782585	SSF x Far_LoA	-9,750	0,052	0,283

CHR6	9782641	CHR6:9782641	SSF x Far_LoA	-10,743	0,073	0,293
CHR6	9782680	CHR6:9782680	SSF x Far_LoA	-8,852	-0,022	0,301
CHR6	9782780	CHR6:9782780	SSF x Far_LoA	-10,751	-0,062	0,295
CHR6	9782813	CHR6:9782813	SSF x Far_LoA	-2,941	0,083	0,290
CHR6	9804085	CHR6:9804085	SSF x Far_LoA	-9,365	0,032	0,292
CHR6	9808662	CHR6:9808662	SSF x Far_LoA	-10,734	-0,061	0,306
CHR6	9808707	CHR6:9808707	SSF x Far_LoA	-8,601	-0,088	0,287
CHR6	9808750	CHR6:9808750	SSF x Far_LoA	-7,533	0,102	0,299
CHR6	9808752	CHR6:9808752	SSF x Far_LoA	-5,978	0,094	0,298
CHR6	9812380	CHR6:9812380	SSF x Far_LoA	-9,572	0,000	0,289
CHR6	9812475	CHR6:9812475	SSF x Far_LoA	-9,409	0,115	0,290
CHR6	9812516	CHR6:9812516	SSF x Far_LoA	-6,793	0,157	0,292
CHR6	9812636	CHR6:9812636	SSF x Far_LoA	-9,302	-0,124	0,288
CHR6	9818122	CHR6:9818122	SSF x Far_LoA	-8,178	-0,038	0,290
CHR6	9818142	CHR6:9818142	SSF x Far_LoA	-10,316	-0,128	0,291
CHR6	9818204	CHR6:9818204	SSF x Far_LoA	-8,413	0,055	0,276
CHR6	9821995	CHR6:9821995	SSF x Far_LoA	-9,832	0,129	0,267
CHR6	9834546	CHR6:9834546	SSF x Far_LoA	-8,585	-0,101	0,278
CHR6	9834572	CHR6:9834572	SSF x Far_LoA	-6,539	-0,148	0,275
CHR6	9834653	CHR6:9834653	SSF x Far_LoA	-7,717	-0,046	0,289
CHR6	9834719	CHR6:9834719	SSF x Far_LoA	-9,768	-0,087	0,283
CHR6	9834812	CHR6:9834812	SSF x Far_LoA	-10,710	0,004	0,290
CHR6	9834842	CHR6:9834842	SSF x Far_LoA	-5,542	0,026	0,286
CHR6	9834855	CHR6:9834855	SSF x Far_LoA	-10,648	0,090	0,277
CHR6	9834857	CHR6:9834857	SSF x Far_LoA	-9,411	-0,129	0,286
CHR6	9834911	CHR6:9834911	SSF x Far_LoA	-10,105	-0,045	0,296
CHR6	9834952	CHR6:9834952	SSF x Far_LoA	3,740	-0,089	0,290
CHR6	9834988	CHR6:9834988	SSF x Far_LoA	-10,176	0,146	0,280
CHR6	9835015	CHR6:9835015	SSF x Far_LoA	-7,568	-0,056	0,303
CHR6	9842324	CHR6:9842324	SSF x Far_LoA	-12,255	-0,020	0,287
CHR6	9842401	CHR6:9842401	SSF x Far_LoA	-11,772	0,022	0,295
CHR6	9842447	CHR6:9842447	SSF x Far_LoA	-8,517	0,096	0,277
CHR6	9842452	CHR6:9842452	SSF x Far_LoA	-7,633	0,021	0,307
CHR6	9844038	CHR6:9844038	SSF x Far_LoA	-9,258	-0,082	0,293
CHR6	9844043	CHR6:9844043	SSF x Far_LoA	-8,565	-0,033	0,300
CHR6	9844050	CHR6:9844050	SSF x Far_LoA	-8,778	-0,059	0,296
CHR6	9844058	CHR6:9844058	SSF x Far_LoA	-11,597	-0,037	0,296
CHR6	9844067	CHR6:9844067	SSF x Far_LoA	-9,707	-0,095	0,288
CHR6	9844075	CHR6:9844075	SSF x Far_LoA	-9,946	-0,106	0,295
CHR6	9844123	CHR6:9844123	SSF x Far_LoA	-11,199	0,024	0,298
CHR6	9844140	CHR6:9844140	SSF x Far_LoA	-10,448	-0,006	0,301
CHR6	9848067	CHR6:9848067	SSF x Far_LoA	-7,419	-0,108	0,293
CHR6	9848113	CHR6:9848113	SSF x Far_LoA	-8,509	-0,155	0,292
CHR6	9848119	CHR6:9848119	SSF x Far_LoA	-7,881	-0,107	0,302
CHR6	9848224	CHR6:9848224	SSF x Far_LoA	-11,740	-0,024	0,289
CHR6	9869092	CHR6:9869092	SSF x Far_LoA	-8,900	0,064	0,306
CHR6	9869635	CHR6:9869635	SSF x Far_LoA	-9,028	0,084	0,282
CHR6	9873703	CHR6:9873703	SSF x Far_LoA	-10,415	0,013	0,278
CHR6	9873791	CHR6:9873791	SSF x Far_LoA	-11,630	-0,014	0,291
CHR6	9885676	CHR6:9885676	SSF x Far_LoA	-11,351	-0,023	0,284
CHR6	9885699	CHR6:9885699	SSF x Far_LoA	-11,074	-0,051	0,299
CHR6	9885722	CHR6:9885722	SSF x Far_LoA	-5,460	-0,189	0,288
CHR6	9885725	CHR6:9885725	SSF x Far_LoA	-10,973	0,027	0,295

CHR6	9885735	CHR6:9885735	SSF x Far_LoA	-9,195	-0,059	0,284
CHR6	9885741	CHR6:9885741	SSF x Far_LoA	-10,443	-0,071	0,282
CHR6	9885751	CHR6:9885751	SSF x Far_LoA	-8,691	-0,002	0,282
CHR6	9890375	CHR6:9890375	SSF x Far_LoA	-9,949	0,071	0,292
CHR6	9890423	CHR6:9890423	SSF x Far_LoA	-5,456	0,181	0,288
CHR6	9890500	CHR6:9890500	SSF x Far_LoA	-7,579	-0,098	0,300
CHR6	989670	CHR6:989670	SSF x Far_LoA	-9,176	-0,175	0,278
CHR6	989686	CHR6:989686	SSF x Far_LoA	-8,018	0,001	0,301
CHR6	9907721	CHR6:9907721	SSF x Far_LoA	-8,763	-0,053	0,296
CHR6	9907752	CHR6:9907752	SSF x Far_LoA	-12,012	0,038	0,283
CHR6	990845	CHR6:990845	SSF x Far_LoA	-6,621	0,116	0,275
CHR6	990859	CHR6:990859	SSF x Far_LoA	-6,215	0,117	0,282
CHR6	9908883	CHR6:9908883	SSF x Far_LoA	-7,298	0,147	0,290
CHR6	9940149	CHR6:9940149	SSF x Far_LoA	-8,144	-0,073	0,304
CHR6	9947205	CHR6:9947205	SSF x Far_LoA	-9,173	-0,038	0,296
CHR6	9959075	CHR6:9959075	SSF x Far_LoA	-4,840	-0,003	0,299
CHR6	9959083	CHR6:9959083	SSF x Far_LoA	-8,256	-0,029	0,318
CHR6	9959169	CHR6:9959169	SSF x Far_LoA	-10,201	0,005	0,303
CHR6	9981540	CHR6:9981540	SSF x Far_LoA	-8,330	0,071	0,274
CHR6	9990148	CHR6:9990148	SSF x Far_LoA	-7,333	0,012	0,297
CHR6	9990152	CHR6:9990152	SSF x Far_LoA	-10,797	-0,037	0,294
CHR6	9990202	CHR6:9990202	SSF x Far_LoA	-8,116	-0,055	0,285
CHR6	9990377	CHR6:9990377	SSF x Far_LoA	-7,362	0,112	0,288
CHR6	9996184	CHR6:9996184	SSF x Far_LoA	-6,529	0,203	0,269
CHR6	9996222	CHR6:9996222	SSF x Far_LoA	-11,653	-0,044	0,292
CHR6	9996229	CHR6:9996229	SSF x Far_LoA	-11,328	-0,054	0,288
CHR6	9996300	CHR6:9996300	SSF x Far_LoA	-8,676	0,087	0,293
CHR6	9996336	CHR6:9996336	SSF x Far_LoA	-5,200	-0,144	0,283
CHR7	1161126	CHR7:1161126	SSF x Far_LoA	-9,808	-0,067	0,293
CHR7	1162560	CHR7:1162560	SSF x Far_LoA	-10,938	-0,086	0,297
CHR7	1174472	CHR7:1174472	SSF x Far_LoA	-7,684	0,028	0,291
CHR7	1174473	CHR7:1174473	SSF x Far_LoA	-8,730	0,012	0,278
CHR7	1176690	CHR7:1176690	SSF x Far_LoA	-4,743	0,105	0,279
CHR7	1178302	CHR7:1178302	SSF x Far_LoA	-8,250	0,032	0,298
CHR7	1178334	CHR7:1178334	SSF x Far_LoA	-11,943	-0,020	0,286
CHR7	1182118	CHR7:1182118	SSF x Far_LoA	-8,740	0,054	0,290
CHR7	11830113	CHR7:11830113	SSF x Far_LoA	-9,992	0,059	0,283
CHR7	11858197	CHR7:11858197	SSF x Far_LoA	-8,924	-0,092	0,297
CHR7	11858261	CHR7:11858261	SSF x Far_LoA	-8,788	0,017	0,301
CHR7	11858367	CHR7:11858367	SSF x Far_LoA	-7,867	-0,110	0,286
CHR7	11863791	CHR7:11863791	SSF x Far_LoA	-8,493	-0,010	0,304
CHR7	11866731	CHR7:11866731	SSF x Far_LoA	-10,339	0,053	0,303
CHR7	11866838	CHR7:11866838	SSF x Far_LoA	-8,330	-0,134	0,292
CHR7	11876919	CHR7:11876919	SSF x Far_LoA	-10,112	0,089	0,284
CHR7	11877126	CHR7:11877126	SSF x Far_LoA	-3,843	0,076	0,298
CHR7	11877152	CHR7:11877152	SSF x Far_LoA	-8,921	0,089	0,284
CHR7	11884577	CHR7:11884577	SSF x Far_LoA	-9,221	0,024	0,297
CHR7	11884640	CHR7:11884640	SSF x Far_LoA	-8,199	-0,164	0,282
CHR7	11884866	CHR7:11884866	SSF x Far_LoA	-9,572	0,035	0,282
CHR7	11884867	CHR7:11884867	SSF x Far_LoA	-10,668	0,047	0,277
CHR7	1188920	CHR7:1188920	SSF x Far_LoA	-8,678	0,002	0,285
CHR7	1190170	CHR7:1190170	SSF x Far_LoA	-8,527	-0,026	0,293
CHR7	11904298	CHR7:11904298	SSF x Far_LoA	-7,494	0,087	0,304

CHR7	11904361	CHR7:11904361	SSF x Far_LoA	-8,761	-0,051	0,303
CHR7	11904533	CHR7:11904533	SSF x Far_LoA	-11,895	-0,023	0,275
CHR7	11911415	CHR7:11911415	SSF x Far_LoA	-9,048	-0,067	0,279
CHR7	11914909	CHR7:11914909	SSF x Far_LoA	-10,865	-0,012	0,300
CHR7	11914934	CHR7:11914934	SSF x Far_LoA	-5,520	-0,031	0,296
CHR7	11914976	CHR7:11914976	SSF x Far_LoA	-11,315	0,047	0,280
CHR7	11915006	CHR7:11915006	SSF x Far_LoA	-7,902	0,023	0,300
CHR7	11915039	CHR7:11915039	SSF x Far_LoA	-10,185	-0,044	0,296
CHR7	11978784	CHR7:11978784	SSF x Far_LoA	-8,280	-0,124	0,295
CHR7	11978823	CHR7:11978823	SSF x Far_LoA	-10,069	0,062	0,300
CHR7	11978915	CHR7:11978915	SSF x Far_LoA	-7,289	-0,109	0,275
CHR7	11980052	CHR7:11980052	SSF x Far_LoA	-9,690	0,066	0,275
CHR7	11980060	CHR7:11980060	SSF x Far_LoA	-10,868	-0,089	0,288
CHR7	12005352	CHR7:12005352	SSF x Far_LoA	-8,419	-0,041	0,275
CHR7	12024084	CHR7:12024084	SSF x Far_LoA	-10,575	-0,059	0,292
CHR7	12024165	CHR7:12024165	SSF x Far_LoA	-11,404	-0,027	0,291
CHR7	12024206	CHR7:12024206	SSF x Far_LoA	-7,264	-0,079	0,283
CHR7	12050118	CHR7:12050118	SSF x Far_LoA	-12,034	-0,014	0,293
CHR7	12050437	CHR7:12050437	SSF x Far_LoA	-11,056	0,071	0,290
CHR7	12078630	CHR7:12078630	SSF x Far_LoA	-8,515	-0,020	0,286
CHR7	12117626	CHR7:12117626	SSF x Far_LoA	-8,357	-0,111	0,291
CHR7	12146945	CHR7:12146945	SSF x Far_LoA	-5,592	-0,011	0,319
CHR7	12147019	CHR7:12147019	SSF x Far_LoA	-9,062	0,006	0,302
CHR7	12166615	CHR7:12166615	SSF x Far_LoA	-8,769	-0,158	0,276
CHR7	12175687	CHR7:12175687	SSF x Far_LoA	-6,755	-0,053	0,303
CHR7	12202554	CHR7:12202554	SSF x Far_LoA	7,635	0,063	0,282
CHR7	12219950	CHR7:12219950	SSF x Far_LoA	-8,681	0,030	0,293
CHR7	12219957	CHR7:12219957	SSF x Far_LoA	-1,948	-0,186	0,264
CHR7	12222706	CHR7:12222706	SSF x Far_LoA	-6,884	-0,157	0,283
CHR7	12224004	CHR7:12224004	SSF x Far_LoA	-10,641	0,067	0,291
CHR7	12224108	CHR7:12224108	SSF x Far_LoA	-11,334	0,023	0,292
CHR7	1222803	CHR7:1222803	SSF x Far_LoA	-6,840	0,066	0,276
CHR7	1222944	CHR7:1222944	SSF x Far_LoA	-7,391	0,100	0,291
CHR7	1222949	CHR7:1222949	SSF x Far_LoA	-10,287	-0,021	0,293
CHR7	12249038	CHR7:12249038	SSF x Far_LoA	-10,002	0,039	0,306
CHR7	1225179	CHR7:1225179	SSF x Far_LoA	-11,228	-0,038	0,291
CHR7	1225206	CHR7:1225206	SSF x Far_LoA	-11,325	-0,029	0,294
CHR7	1225320	CHR7:1225320	SSF x Far_LoA	-7,958	0,049	0,293
CHR7	12263200	CHR7:12263200	SSF x Far_LoA	-7,666	-0,042	0,301
CHR7	12263203	CHR7:12263203	SSF x Far_LoA	-10,747	0,020	0,299
CHR7	12263518	CHR7:12263518	SSF x Far_LoA	-6,742	0,090	0,302
CHR7	12275051	CHR7:12275051	SSF x Far_LoA	-11,698	-0,064	0,285
CHR7	12275169	CHR7:12275169	SSF x Far_LoA	-10,015	-0,116	0,284
CHR7	12275193	CHR7:12275193	SSF x Far_LoA	-11,867	-0,055	0,283
CHR7	12275207	CHR7:12275207	SSF x Far_LoA	-10,521	0,045	0,270
CHR7	12275227	CHR7:12275227	SSF x Far_LoA	-7,708	0,069	0,290
CHR7	12275347	CHR7:12275347	SSF x Far_LoA	9,125	-0,056	0,310
CHR7	12275375	CHR7:12275375	SSF x Far_LoA	-10,675	-0,040	0,300
CHR7	12275405	CHR7:12275405	SSF x Far_LoA	-9,098	-0,065	0,292
CHR7	12284509	CHR7:12284509	SSF x Far_LoA	-9,171	-0,017	0,294
CHR7	12294782	CHR7:12294782	SSF x Far_LoA	-8,661	-0,095	0,278
CHR7	12303529	CHR7:12303529	SSF x Far_LoA	-10,593	-0,081	0,299
CHR7	12303822	CHR7:12303822	SSF x Far_LoA	-7,113	0,189	0,297

CHR7	12328623	CHR7:12328623	SSF x Far_LoA	-6,769	0,200	0,283
CHR7	12338390	CHR7:12338390	SSF x Far_LoA	-9,051	0,181	0,290
CHR7	12350256	CHR7:12350256	SSF x Far_LoA	-9,794	-0,168	0,282
CHR7	12355147	CHR7:12355147	SSF x Far_LoA	-9,422	0,100	0,284
CHR7	1236423	CHR7:1236423	SSF x Far_LoA	-8,553	0,012	0,305
CHR7	1236439	CHR7:1236439	SSF x Far_LoA	-9,981	0,006	0,290
CHR7	1236445	CHR7:1236445	SSF x Far_LoA	-11,383	0,022	0,282
CHR7	12369243	CHR7:12369243	SSF x Far_LoA	-9,960	0,006	0,307
CHR7	12389762	CHR7:12389762	SSF x Far_LoA	-7,077	-0,023	0,297
CHR7	12389800	CHR7:12389800	SSF x Far_LoA	-9,909	-0,016	0,294
CHR7	1240578	CHR7:1240578	SSF x Far_LoA	-10,444	-0,031	0,296
CHR7	12410509	CHR7:12410509	SSF x Far_LoA	-10,491	0,054	0,299
CHR7	12424254	CHR7:12424254	SSF x Far_LoA	-5,992	0,153	0,283
CHR7	12424293	CHR7:12424293	SSF x Far_LoA	-3,630	-0,233	0,271
CHR7	12440933	CHR7:12440933	SSF x Far_LoA	-9,611	-0,071	0,280
CHR7	12444769	CHR7:12444769	SSF x Far_LoA	-10,741	-0,036	0,307
CHR7	12444773	CHR7:12444773	SSF x Far_LoA	-9,902	-0,037	0,292
CHR7	12447968	CHR7:12447968	SSF x Far_LoA	-8,480	-0,017	0,297
CHR7	12461037	CHR7:12461037	SSF x Far_LoA	-10,520	0,034	0,296
CHR7	12461151	CHR7:12461151	SSF x Far_LoA	-9,772	0,020	0,304
CHR7	1249032	CHR7:1249032	SSF x Far_LoA	-8,370	-0,122	0,281
CHR7	12491852	CHR7:12491852	SSF x Far_LoA	-8,873	0,173	0,285
CHR7	12491909	CHR7:12491909	SSF x Far_LoA	-10,714	-0,066	0,299
CHR7	12499915	CHR7:12499915	SSF x Far_LoA	-7,798	-0,021	0,303
CHR7	12502908	CHR7:12502908	SSF x Far_LoA	-6,753	0,120	0,283
CHR7	12524134	CHR7:12524134	SSF x Far_LoA	-11,970	0,034	0,290
CHR7	12528459	CHR7:12528459	SSF x Far_LoA	-9,203	-0,092	0,302
CHR7	1255066	CHR7:1255066	SSF x Far_LoA	-11,115	-0,003	0,289
CHR7	12566848	CHR7:12566848	SSF x Far_LoA	-8,821	0,030	0,289
CHR7	12566985	CHR7:12566985	SSF x Far_LoA	-4,310	0,072	0,293
CHR7	12567002	CHR7:12567002	SSF x Far_LoA	-8,531	0,083	0,286
CHR7	12567019	CHR7:12567019	SSF x Far_LoA	-8,724	0,076	0,298
CHR7	12567024	CHR7:12567024	SSF x Far_LoA	-8,636	0,079	0,290
CHR7	12578782	CHR7:12578782	SSF x Far_LoA	-2,864	0,178	0,289
CHR7	12591243	CHR7:12591243	SSF x Far_LoA	-10,981	0,020	0,285
CHR7	12593949	CHR7:12593949	SSF x Far_LoA	-9,398	-0,045	0,300
CHR7	12616188	CHR7:12616188	SSF x Far_LoA	-10,051	0,019	0,301
CHR7	12616236	CHR7:12616236	SSF x Far_LoA	0,680	-0,168	0,295
CHR7	12616274	CHR7:12616274	SSF x Far_LoA	-8,757	0,071	0,284
CHR7	12616318	CHR7:12616318	SSF x Far_LoA	-9,408	0,039	0,301
CHR7	12616346	CHR7:12616346	SSF x Far_LoA	-10,617	0,016	0,285
CHR7	12619805	CHR7:12619805	SSF x Far_LoA	-1,243	0,045	0,310
CHR7	12619826	CHR7:12619826	SSF x Far_LoA	-5,944	0,043	0,289
CHR7	12619906	CHR7:12619906	SSF x Far_LoA	-7,292	0,107	0,291
CHR7	12619911	CHR7:12619911	SSF x Far_LoA	-9,476	-0,061	0,285
CHR7	12619941	CHR7:12619941	SSF x Far_LoA	-6,917	-0,107	0,298
CHR7	12629207	CHR7:12629207	SSF x Far_LoA	-9,367	0,072	0,300
CHR7	12629264	CHR7:12629264	SSF x Far_LoA	-6,184	0,121	0,278
CHR7	12629345	CHR7:12629345	SSF x Far_LoA	-9,199	-0,055	0,294
CHR7	12629359	CHR7:12629359	SSF x Far_LoA	-8,787	0,133	0,292
CHR7	12629373	CHR7:12629373	SSF x Far_LoA	2,200	-0,215	0,275
CHR7	12629415	CHR7:12629415	SSF x Far_LoA	-8,544	0,051	0,303
CHR7	12629442	CHR7:12629442	SSF x Far_LoA	-7,558	0,032	0,294

CHR7	12631473	CHR7:12631473	SSF x Far_LoA	-8,996	0,062	0,290
CHR7	12631478	CHR7:12631478	SSF x Far_LoA	-10,468	-0,039	0,291
CHR7	12631624	CHR7:12631624	SSF x Far_LoA	-8,806	-0,035	0,288
CHR7	12631643	CHR7:12631643	SSF x Far_LoA	-5,681	0,144	0,277
CHR7	12631695	CHR7:12631695	SSF x Far_LoA	-8,574	-0,131	0,300
CHR7	1264241	CHR7:1264241	SSF x Far_LoA	-9,693	0,009	0,284
CHR7	1264290	CHR7:1264290	SSF x Far_LoA	-6,953	-0,074	0,286
CHR7	1264298	CHR7:1264298	SSF x Far_LoA	-8,650	-0,068	0,287
CHR7	1264797	CHR7:1264797	SSF x Far_LoA	-11,041	-0,060	0,286
CHR7	12658534	CHR7:12658534	SSF x Far_LoA	-8,663	0,016	0,289
CHR7	12658626	CHR7:12658626	SSF x Far_LoA	-8,770	-0,021	0,303
CHR7	12675264	CHR7:12675264	SSF x Far_LoA	-10,264	-0,014	0,297
CHR7	12675266	CHR7:12675266	SSF x Far_LoA	-10,958	0,049	0,290
CHR7	12675311	CHR7:12675311	SSF x Far_LoA	-11,336	-0,055	0,292
CHR7	12675317	CHR7:12675317	SSF x Far_LoA	-8,501	-0,027	0,300
CHR7	12675368	CHR7:12675368	SSF x Far_LoA	-9,980	-0,020	0,291
CHR7	12697655	CHR7:12697655	SSF x Far_LoA	-7,635	-0,105	0,304
CHR7	1269790	CHR7:1269790	SSF x Far_LoA	-7,572	0,141	0,280
CHR7	1270002	CHR7:1270002	SSF x Far_LoA	-8,609	-0,151	0,278
CHR7	12701982	CHR7:12701982	SSF x Far_LoA	-8,739	-0,049	0,291
CHR7	12749152	CHR7:12749152	SSF x Far_LoA	-8,595	-0,067	0,293
CHR7	12750853	CHR7:12750853	SSF x Far_LoA	-9,052	-0,016	0,304
CHR7	12752327	CHR7:12752327	SSF x Far_LoA	-11,080	-0,026	0,276
CHR7	12768209	CHR7:12768209	SSF x Far_LoA	-9,623	0,036	0,287
CHR7	12768278	CHR7:12768278	SSF x Far_LoA	-11,349	0,073	0,279
CHR7	12786442	CHR7:12786442	SSF x Far_LoA	-8,084	0,070	0,287
CHR7	12786482	CHR7:12786482	SSF x Far_LoA	-9,326	0,083	0,285
CHR7	12821413	CHR7:12821413	SSF x Far_LoA	-8,764	-0,017	0,296
CHR7	12821460	CHR7:12821460	SSF x Far_LoA	-7,621	-0,123	0,276
CHR7	12822255	CHR7:12822255	SSF x Far_LoA	-9,901	0,115	0,267
CHR7	12822260	CHR7:12822260	SSF x Far_LoA	-11,013	-0,060	0,291
CHR7	12833265	CHR7:12833265	SSF x Far_LoA	-11,978	0,032	0,299
CHR7	12833315	CHR7:12833315	SSF x Far_LoA	-7,282	0,148	0,286
CHR7	12833343	CHR7:12833343	SSF x Far_LoA	-6,714	0,176	0,287
CHR7	12833363	CHR7:12833363	SSF x Far_LoA	-10,615	0,098	0,267
CHR7	12837773	CHR7:12837773	SSF x Far_LoA	-10,728	-0,096	0,292
CHR7	12841525	CHR7:12841525	SSF x Far_LoA	-8,795	-0,080	0,288
CHR7	12841611	CHR7:12841611	SSF x Far_LoA	-7,762	0,122	0,285
CHR7	12843613	CHR7:12843613	SSF x Far_LoA	-10,470	-0,080	0,295
CHR7	12843646	CHR7:12843646	SSF x Far_LoA	-6,565	0,141	0,284
CHR7	12843652	CHR7:12843652	SSF x Far_LoA	-2,398	0,177	0,288
CHR7	12868413	CHR7:12868413	SSF x Far_LoA	-9,390	-0,034	0,304
CHR7	12868531	CHR7:12868531	SSF x Far_LoA	-12,073	-0,047	0,292
CHR7	12868567	CHR7:12868567	SSF x Far_LoA	-10,941	-0,010	0,293
CHR7	12885664	CHR7:12885664	SSF x Far_LoA	-8,776	-0,024	0,282
CHR7	12885810	CHR7:12885810	SSF x Far_LoA	-8,818	-0,020	0,289
CHR7	12891633	CHR7:12891633	SSF x Far_LoA	-9,422	0,016	0,287
CHR7	12900297	CHR7:12900297	SSF x Far_LoA	-9,017	0,162	0,285
CHR7	12902074	CHR7:12902074	SSF x Far_LoA	-3,269	-0,103	0,283
CHR7	12917151	CHR7:12917151	SSF x Far_LoA	-11,143	-0,067	0,297
CHR7	12917163	CHR7:12917163	SSF x Far_LoA	-8,221	0,038	0,299
CHR7	12917164	CHR7:12917164	SSF x Far_LoA	-11,770	-0,065	0,293
CHR7	12920308	CHR7:12920308	SSF x Far_LoA	-9,705	-0,098	0,277

CHR7	12947404	CHR7:12947404	SSF x Far_LoA	-8,417	-0,068	0,273
CHR7	12960406	CHR7:12960406	SSF x Far_LoA	-9,205	0,034	0,285
CHR7	12972047	CHR7:12972047	SSF x Far_LoA	-9,741	-0,002	0,302
CHR7	12980090	CHR7:12980090	SSF x Far_LoA	-9,406	0,039	0,298
CHR7	12993164	CHR7:12993164	SSF x Far_LoA	-10,377	-0,045	0,286
CHR7	12993345	CHR7:12993345	SSF x Far_LoA	-10,273	-0,001	0,297
CHR7	12993379	CHR7:12993379	SSF x Far_LoA	-4,654	0,020	0,286
CHR7	12993410	CHR7:12993410	SSF x Far_LoA	-11,138	-0,088	0,292
CHR7	13001460	CHR7:13001460	SSF x Far_LoA	-10,129	0,005	0,287
CHR7	13001551	CHR7:13001551	SSF x Far_LoA	-8,670	0,075	0,305
CHR7	13001743	CHR7:13001743	SSF x Far_LoA	-11,981	-0,013	0,284
CHR7	13007205	CHR7:13007205	SSF x Far_LoA	-5,936	0,239	0,265
CHR7	13035675	CHR7:13035675	SSF x Far_LoA	-9,034	-0,030	0,305
CHR7	13047786	CHR7:13047786	SSF x Far_LoA	-8,612	-0,031	0,296
CHR7	13058810	CHR7:13058810	SSF x Far_LoA	-11,365	-0,049	0,302
CHR7	13058827	CHR7:13058827	SSF x Far_LoA	-10,131	0,062	0,294
CHR7	13059532	CHR7:13059532	SSF x Far_LoA	-10,696	0,043	0,307
CHR7	13076576	CHR7:13076576	SSF x Far_LoA	-3,363	0,152	0,287
CHR7	13076578	CHR7:13076578	SSF x Far_LoA	-5,694	-0,109	0,283
CHR7	13076712	CHR7:13076712	SSF x Far_LoA	-7,481	0,079	0,286
CHR7	13076736	CHR7:13076736	SSF x Far_LoA	-9,009	0,129	0,294
CHR7	13078518	CHR7:13078518	SSF x Far_LoA	-10,879	0,036	0,282
CHR7	13109870	CHR7:13109870	SSF x Far_LoA	-8,504	-0,115	0,301
CHR7	13120191	CHR7:13120191	SSF x Far_LoA	-9,678	-0,055	0,279
CHR7	13120193	CHR7:13120193	SSF x Far_LoA	-11,442	-0,013	0,292
CHR7	13120196	CHR7:13120196	SSF x Far_LoA	-9,192	0,026	0,302
CHR7	13120206	CHR7:13120206	SSF x Far_LoA	-2,799	0,191	0,288
CHR7	13120389	CHR7:13120389	SSF x Far_LoA	-9,692	-0,110	0,297
CHR7	13127172	CHR7:13127172	SSF x Far_LoA	-10,120	0,001	0,282
CHR7	13127261	CHR7:13127261	SSF x Far_LoA	-8,820	0,062	0,284
CHR7	13127267	CHR7:13127267	SSF x Far_LoA	-9,030	0,020	0,290
CHR7	13127321	CHR7:13127321	SSF x Far_LoA	-8,979	0,057	0,299
CHR7	13127333	CHR7:13127333	SSF x Far_LoA	-8,270	0,052	0,287
CHR7	13127360	CHR7:13127360	SSF x Far_LoA	-7,221	0,065	0,291
CHR7	13127370	CHR7:13127370	SSF x Far_LoA	-8,550	-0,038	0,296
CHR7	13132849	CHR7:13132849	SSF x Far_LoA	-9,613	0,038	0,291
CHR7	13132874	CHR7:13132874	SSF x Far_LoA	-8,472	-0,044	0,298
CHR7	13132954	CHR7:13132954	SSF x Far_LoA	-11,956	-0,029	0,287
CHR7	13133049	CHR7:13133049	SSF x Far_LoA	-8,742	-0,003	0,302
CHR7	13149279	CHR7:13149279	SSF x Far_LoA	-8,859	-0,038	0,299
CHR7	13160816	CHR7:13160816	SSF x Far_LoA	-7,644	0,076	0,304
CHR7	13160834	CHR7:13160834	SSF x Far_LoA	-9,020	0,046	0,289
CHR7	13160837	CHR7:13160837	SSF x Far_LoA	-8,714	0,033	0,294
CHR7	13160860	CHR7:13160860	SSF x Far_LoA	-8,812	0,069	0,298
CHR7	13160876	CHR7:13160876	SSF x Far_LoA	-9,910	0,039	0,288
CHR7	13160887	CHR7:13160887	SSF x Far_LoA	-9,392	0,023	0,284
CHR7	13160915	CHR7:13160915	SSF x Far_LoA	-7,142	0,050	0,304
CHR7	13172135	CHR7:13172135	SSF x Far_LoA	-5,249	0,073	0,294
CHR7	13172347	CHR7:13172347	SSF x Far_LoA	-8,660	0,028	0,295
CHR7	13173954	CHR7:13173954	SSF x Far_LoA	-11,704	0,009	0,282
CHR7	13174015	CHR7:13174015	SSF x Far_LoA	-10,777	-0,027	0,295
CHR7	13174022	CHR7:13174022	SSF x Far_LoA	-8,010	-0,096	0,292
CHR7	13174109	CHR7:13174109	SSF x Far_LoA	-9,461	-0,085	0,276

CHR7	13174184	CHR7:13174184	SSF x Far_LoA	-11,276	-0,085	0,271
CHR7	13179553	CHR7:13179553	SSF x Far_LoA	-10,189	-0,010	0,295
CHR7	13179583	CHR7:13179583	SSF x Far_LoA	-7,362	0,115	0,294
CHR7	13180740	CHR7:13180740	SSF x Far_LoA	-7,824	-0,009	0,283
CHR7	13180794	CHR7:13180794	SSF x Far_LoA	-9,196	0,101	0,286
CHR7	13180819	CHR7:13180819	SSF x Far_LoA	-9,448	-0,001	0,302
CHR7	1318475	CHR7:1318475	SSF x Far_LoA	-9,680	-0,034	0,301
CHR7	1318550	CHR7:1318550	SSF x Far_LoA	-10,430	0,058	0,296
CHR7	1318625	CHR7:1318625	SSF x Far_LoA	-8,036	-0,042	0,290
CHR7	1318756	CHR7:1318756	SSF x Far_LoA	-9,146	0,100	0,294
CHR7	13188303	CHR7:13188303	SSF x Far_LoA	-8,301	0,139	0,286
CHR7	13188355	CHR7:13188355	SSF x Far_LoA	-5,515	-0,065	0,296
CHR7	13188366	CHR7:13188366	SSF x Far_LoA	-9,934	0,016	0,301
CHR7	13192139	CHR7:13192139	SSF x Far_LoA	-9,634	-0,015	0,299
CHR7	13192286	CHR7:13192286	SSF x Far_LoA	-9,657	-0,024	0,286
CHR7	13192298	CHR7:13192298	SSF x Far_LoA	-8,700	-0,092	0,292
CHR7	13192299	CHR7:13192299	SSF x Far_LoA	-9,010	-0,039	0,301
CHR7	13201661	CHR7:13201661	SSF x Far_LoA	-9,835	0,005	0,295
CHR7	13201843	CHR7:13201843	SSF x Far_LoA	-11,053	0,014	0,295
CHR7	13201846	CHR7:13201846	SSF x Far_LoA	-5,788	0,023	0,306
CHR7	13201861	CHR7:13201861	SSF x Far_LoA	-9,008	0,035	0,301
CHR7	13201869	CHR7:13201869	SSF x Far_LoA	-0,943	0,035	0,295
CHR7	1321128	CHR7:1321128	SSF x Far_LoA	-9,486	0,141	0,275
CHR7	1321186	CHR7:1321186	SSF x Far_LoA	-5,338	-0,063	0,306
CHR7	13214972	CHR7:13214972	SSF x Far_LoA	-11,189	-0,027	0,295
CHR7	13215171	CHR7:13215171	SSF x Far_LoA	-9,050	-0,145	0,281
CHR7	13217106	CHR7:13217106	SSF x Far_LoA	-10,090	-0,043	0,285
CHR7	13217347	CHR7:13217347	SSF x Far_LoA	-9,661	-0,013	0,309
CHR7	13217369	CHR7:13217369	SSF x Far_LoA	-9,865	0,014	0,303
CHR7	13217372	CHR7:13217372	SSF x Far_LoA	-11,045	-0,037	0,296
CHR7	13229731	CHR7:13229731	SSF x Far_LoA	-8,523	-0,001	0,275
CHR7	13229750	CHR7:13229750	SSF x Far_LoA	-7,323	-0,064	0,288
CHR7	13229859	CHR7:13229859	SSF x Far_LoA	-10,000	-0,031	0,259
CHR7	13239822	CHR7:13239822	SSF x Far_LoA	-9,351	-0,036	0,295
CHR7	13239875	CHR7:13239875	SSF x Far_LoA	-8,159	0,145	0,275
CHR7	13245172	CHR7:13245172	SSF x Far_LoA	-9,469	-0,128	0,287
CHR7	13245242	CHR7:13245242	SSF x Far_LoA	-9,807	0,002	0,280
CHR7	13245351	CHR7:13245351	SSF x Far_LoA	-6,008	-0,099	0,288
CHR7	13265565	CHR7:13265565	SSF x Far_LoA	-7,758	-0,017	0,292
CHR7	13265632	CHR7:13265632	SSF x Far_LoA	-9,923	-0,043	0,300
CHR7	13265913	CHR7:13265913	SSF x Far_LoA	-7,889	-0,096	0,311
CHR7	13265948	CHR7:13265948	SSF x Far_LoA	-2,726	-0,059	0,295
CHR7	1329890	CHR7:1329890	SSF x Far_LoA	-8,500	0,131	0,288
CHR7	1329930	CHR7:1329930	SSF x Far_LoA	-7,753	0,147	0,285
CHR7	1330177	CHR7:1330177	SSF x Far_LoA	-8,098	0,045	0,300
CHR7	1330354	CHR7:1330354	SSF x Far_LoA	-11,539	0,027	0,302
CHR7	13304531	CHR7:13304531	SSF x Far_LoA	-8,760	0,046	0,298
CHR7	13304601	CHR7:13304601	SSF x Far_LoA	-8,208	0,127	0,297
CHR7	13306920	CHR7:13306920	SSF x Far_LoA	-8,046	-0,163	0,293
CHR7	13306976	CHR7:13306976	SSF x Far_LoA	-9,098	-0,199	0,283
CHR7	13310345	CHR7:13310345	SSF x Far_LoA	-10,061	-0,078	0,312
CHR7	13310376	CHR7:13310376	SSF x Far_LoA	12,084	-0,056	0,297
CHR7	13310426	CHR7:13310426	SSF x Far_LoA	-4,404	-0,101	0,303

CHR7	13310481	CHR7:13310481	SSF x Far_LoA	-8,816	-0,105	0,289
CHR7	13310656	CHR7:13310656	SSF x Far_LoA	-7,814	-0,022	0,283
CHR7	13327139	CHR7:13327139	SSF x Far_LoA	-6,118	-0,055	0,311
CHR7	13327223	CHR7:13327223	SSF x Far_LoA	-7,880	0,140	0,303
CHR7	13327265	CHR7:13327265	SSF x Far_LoA	-8,714	-0,121	0,293
CHR7	13327268	CHR7:13327268	SSF x Far_LoA	-9,990	-0,025	0,283
CHR7	13332519	CHR7:13332519	SSF x Far_LoA	-5,359	0,205	0,279
CHR7	13332561	CHR7:13332561	SSF x Far_LoA	-10,811	0,091	0,282
CHR7	13332636	CHR7:13332636	SSF x Far_LoA	-10,556	0,006	0,294
CHR7	13355165	CHR7:13355165	SSF x Far_LoA	-10,589	-0,061	0,284
CHR7	13355210	CHR7:13355210	SSF x Far_LoA	-9,761	0,011	0,309
CHR7	13355253	CHR7:13355253	SSF x Far_LoA	-10,381	-0,045	0,296
CHR7	13355274	CHR7:13355274	SSF x Far_LoA	-11,076	-0,006	0,290
CHR7	13355387	CHR7:13355387	SSF x Far_LoA	-10,601	0,045	0,289
CHR7	13355398	CHR7:13355398	SSF x Far_LoA	-2,835	-0,097	0,302
CHR7	13355400	CHR7:13355400	SSF x Far_LoA	-8,341	0,117	0,288
CHR7	13363003	CHR7:13363003	SSF x Far_LoA	-11,582	-0,031	0,292
CHR7	13371677	CHR7:13371677	SSF x Far_LoA	-4,770	-0,068	0,290
CHR7	13374469	CHR7:13374469	SSF x Far_LoA	-7,305	-0,207	0,282
CHR7	13377112	CHR7:13377112	SSF x Far_LoA	-8,121	-0,079	0,312
CHR7	13379057	CHR7:13379057	SSF x Far_LoA	-12,169	-0,019	0,290
CHR7	13379140	CHR7:13379140	SSF x Far_LoA	-8,215	-0,008	0,273
CHR7	13379141	CHR7:13379141	SSF x Far_LoA	-10,781	0,040	0,284
CHR7	13379161	CHR7:13379161	SSF x Far_LoA	-8,281	0,026	0,269
CHR7	13379188	CHR7:13379188	SSF x Far_LoA	-7,357	0,076	0,284
CHR7	13379189	CHR7:13379189	SSF x Far_LoA	-10,809	0,058	0,278
CHR7	13379210	CHR7:13379210	SSF x Far_LoA	-10,354	-0,013	0,294
CHR7	13379236	CHR7:13379236	SSF x Far_LoA	-7,309	0,125	0,279
CHR7	13379241	CHR7:13379241	SSF x Far_LoA	-3,005	-0,128	0,299
CHR7	13379265	CHR7:13379265	SSF x Far_LoA	-7,306	0,113	0,291
CHR7	13379313	CHR7:13379313	SSF x Far_LoA	-3,862	0,114	0,282
CHR7	13379369	CHR7:13379369	SSF x Far_LoA	-10,267	0,041	0,290
CHR7	13379370	CHR7:13379370	SSF x Far_LoA	-10,126	0,029	0,296
CHR7	13388061	CHR7:13388061	SSF x Far_LoA	-9,261	-0,032	0,288
CHR7	13388082	CHR7:13388082	SSF x Far_LoA	-10,637	0,072	0,282
CHR7	13388148	CHR7:13388148	SSF x Far_LoA	-7,801	-0,116	0,292
CHR7	13389331	CHR7:13389331	SSF x Far_LoA	-9,531	0,002	0,299
CHR7	13389385	CHR7:13389385	SSF x Far_LoA	-9,453	0,003	0,296
CHR7	13389407	CHR7:13389407	SSF x Far_LoA	-10,416	0,054	0,285
CHR7	13389423	CHR7:13389423	SSF x Far_LoA	-9,316	-0,076	0,294
CHR7	13389515	CHR7:13389515	SSF x Far_LoA	-10,722	0,005	0,288
CHR7	13393567	CHR7:13393567	SSF x Far_LoA	-4,228	-0,217	0,265
CHR7	13393587	CHR7:13393587	SSF x Far_LoA	-8,895	0,133	0,283
CHR7	13393638	CHR7:13393638	SSF x Far_LoA	-7,492	-0,193	0,294
CHR7	13407501	CHR7:13407501	SSF x Far_LoA	-10,410	0,037	0,298
CHR7	13407606	CHR7:13407606	SSF x Far_LoA	-8,480	0,060	0,284
CHR7	13407736	CHR7:13407736	SSF x Far_LoA	-10,889	-0,017	0,301
CHR7	13409183	CHR7:13409183	SSF x Far_LoA	-8,429	-0,101	0,285
CHR7	13409190	CHR7:13409190	SSF x Far_LoA	-8,421	-0,012	0,305
CHR7	1341840	CHR7:1341840	SSF x Far_LoA	-7,370	-0,017	0,288
CHR7	1341879	CHR7:1341879	SSF x Far_LoA	-11,409	-0,053	0,279
CHR7	1341891	CHR7:1341891	SSF x Far_LoA	-11,249	0,008	0,294
CHR7	1341928	CHR7:1341928	SSF x Far_LoA	-11,161	-0,058	0,294

CHR7	1341929	CHR7:1341929	SSF x Far_LoA	-9,985	-0,059	0,279
CHR7	1343211	CHR7:1343211	SSF x Far_LoA	-7,152	0,101	0,302
CHR7	13446669	CHR7:13446669	SSF x Far_LoA	-7,037	-0,060	0,301
CHR7	13446700	CHR7:13446700	SSF x Far_LoA	-8,666	-0,099	0,296
CHR7	13446767	CHR7:13446767	SSF x Far_LoA	-6,888	-0,111	0,309
CHR7	13446869	CHR7:13446869	SSF x Far_LoA	-9,920	0,020	0,303
CHR7	13471813	CHR7:13471813	SSF x Far_LoA	-11,073	-0,032	0,293
CHR7	13471815	CHR7:13471815	SSF x Far_LoA	-8,190	-0,076	0,301
CHR7	13471891	CHR7:13471891	SSF x Far_LoA	-10,603	0,010	0,292
CHR7	13471912	CHR7:13471912	SSF x Far_LoA	-6,237	-0,054	0,307
CHR7	13472054	CHR7:13472054	SSF x Far_LoA	-8,160	0,040	0,300
CHR7	13473639	CHR7:13473639	SSF x Far_LoA	-10,284	-0,050	0,302
CHR7	13473663	CHR7:13473663	SSF x Far_LoA	-8,404	-0,040	0,282
CHR7	13473671	CHR7:13473671	SSF x Far_LoA	-10,059	-0,048	0,290
CHR7	13473710	CHR7:13473710	SSF x Far_LoA	-10,848	0,096	0,304
CHR7	13473740	CHR7:13473740	SSF x Far_LoA	-9,231	-0,020	0,283
CHR7	13491854	CHR7:13491854	SSF x Far_LoA	-7,216	-0,103	0,301
CHR7	13492081	CHR7:13492081	SSF x Far_LoA	-9,042	0,142	0,299
CHR7	13492107	CHR7:13492107	SSF x Far_LoA	-7,988	0,079	0,286
CHR7	13492136	CHR7:13492136	SSF x Far_LoA	-7,639	0,090	0,284
CHR7	13497943	CHR7:13497943	SSF x Far_LoA	-7,950	-0,012	0,276
CHR7	13505887	CHR7:13505887	SSF x Far_LoA	-8,782	-0,078	0,302
CHR7	13505912	CHR7:13505912	SSF x Far_LoA	-6,590	-0,067	0,303
CHR7	13505957	CHR7:13505957	SSF x Far_LoA	-6,405	-0,094	0,291
CHR7	13506024	CHR7:13506024	SSF x Far_LoA	-11,797	0,059	0,282
CHR7	13506255	CHR7:13506255	SSF x Far_LoA	-10,291	0,042	0,287
CHR7	13520781	CHR7:13520781	SSF x Far_LoA	-6,017	0,202	0,277
CHR7	13520835	CHR7:13520835	SSF x Far_LoA	-9,222	0,100	0,295
CHR7	13520881	CHR7:13520881	SSF x Far_LoA	-7,558	-0,006	0,281
CHR7	13520910	CHR7:13520910	SSF x Far_LoA	-8,143	-0,072	0,296
CHR7	13521108	CHR7:13521108	SSF x Far_LoA	-8,947	0,023	0,294
CHR7	13521900	CHR7:13521900	SSF x Far_LoA	-8,732	-0,124	0,308
CHR7	13527223	CHR7:13527223	SSF x Far_LoA	-9,132	-0,050	0,294
CHR7	13527354	CHR7:13527354	SSF x Far_LoA	-10,364	-0,061	0,279
CHR7	13527531	CHR7:13527531	SSF x Far_LoA	-7,781	-0,030	0,303
CHR7	1353855	CHR7:1353855	SSF x Far_LoA	-8,047	0,054	0,296
CHR7	1353893	CHR7:1353893	SSF x Far_LoA	-5,786	0,158	0,292
CHR7	1354086	CHR7:1354086	SSF x Far_LoA	-10,172	-0,075	0,268
CHR7	13576287	CHR7:13576287	SSF x Far_LoA	-8,983	0,051	0,291
CHR7	13576315	CHR7:13576315	SSF x Far_LoA	-9,582	-0,024	0,274
CHR7	13584015	CHR7:13584015	SSF x Far_LoA	-10,863	-0,012	0,308
CHR7	13584388	CHR7:13584388	SSF x Far_LoA	-10,484	0,046	0,301
CHR7	13584431	CHR7:13584431	SSF x Far_LoA	-9,245	0,000	0,301
CHR7	13593857	CHR7:13593857	SSF x Far_LoA	-9,366	0,021	0,302
CHR7	13594142	CHR7:13594142	SSF x Far_LoA	-5,283	-0,185	0,299
CHR7	13594227	CHR7:13594227	SSF x Far_LoA	-11,084	0,002	0,284
CHR7	13597268	CHR7:13597268	SSF x Far_LoA	-10,540	-0,003	0,296
CHR7	13597270	CHR7:13597270	SSF x Far_LoA	-9,627	-0,089	0,278
CHR7	13597308	CHR7:13597308	SSF x Far_LoA	-10,930	-0,079	0,285
CHR7	13597331	CHR7:13597331	SSF x Far_LoA	-8,820	0,002	0,300
CHR7	13597391	CHR7:13597391	SSF x Far_LoA	-9,175	0,126	0,280
CHR7	13602555	CHR7:13602555	SSF x Far_LoA	-11,561	-0,008	0,290
CHR7	13602675	CHR7:13602675	SSF x Far_LoA	-6,118	0,200	0,276

CHR7	1361460	CHR7:1361460	SSF x Far_LoA	-6,905	0,157	0,280
CHR7	1361530	CHR7:1361530	SSF x Far_LoA	-8,937	-0,017	0,284
CHR7	13617696	CHR7:13617696	SSF x Far_LoA	-9,942	0,057	0,294
CHR7	13619825	CHR7:13619825	SSF x Far_LoA	-7,673	0,095	0,295
CHR7	13619899	CHR7:13619899	SSF x Far_LoA	-10,465	0,111	0,303
CHR7	13619936	CHR7:13619936	SSF x Far_LoA	-9,808	0,029	0,289
CHR7	13622812	CHR7:13622812	SSF x Far_LoA	-10,043	0,039	0,280
CHR7	13622866	CHR7:13622866	SSF x Far_LoA	-10,886	0,072	0,283
CHR7	13622946	CHR7:13622946	SSF x Far_LoA	-12,129	-0,059	0,292
CHR7	13626410	CHR7:13626410	SSF x Far_LoA	-7,755	0,064	0,291
CHR7	13626444	CHR7:13626444	SSF x Far_LoA	-6,946	0,100	0,302
CHR7	13626526	CHR7:13626526	SSF x Far_LoA	-9,212	-0,013	0,289
CHR7	13634748	CHR7:13634748	SSF x Far_LoA	-7,384	-0,152	0,295
CHR7	13634778	CHR7:13634778	SSF x Far_LoA	-7,219	-0,104	0,299
CHR7	13637627	CHR7:13637627	SSF x Far_LoA	-8,918	0,095	0,291
CHR7	13661850	CHR7:13661850	SSF x Far_LoA	-9,417	-0,013	0,289
CHR7	13661852	CHR7:13661852	SSF x Far_LoA	-9,039	0,017	0,314
CHR7	13661905	CHR7:13661905	SSF x Far_LoA	-8,175	-0,032	0,282
CHR7	13662021	CHR7:13662021	SSF x Far_LoA	-9,876	-0,018	0,310
CHR7	13663968	CHR7:13663968	SSF x Far_LoA	-11,645	0,012	0,282
CHR7	13676444	CHR7:13676444	SSF x Far_LoA	-7,206	-0,114	0,296
CHR7	136771	CHR7:136771	SSF x Far_LoA	-7,699	-0,101	0,299
CHR7	13694195	CHR7:13694195	SSF x Far_LoA	-9,892	0,061	0,292
CHR7	13699586	CHR7:13699586	SSF x Far_LoA	-10,689	-0,040	0,293
CHR7	13699660	CHR7:13699660	SSF x Far_LoA	-7,815	0,034	0,294
CHR7	13699669	CHR7:13699669	SSF x Far_LoA	-8,915	0,074	0,292
CHR7	13707962	CHR7:13707962	SSF x Far_LoA	-10,724	-0,065	0,284
CHR7	13707971	CHR7:13707971	SSF x Far_LoA	-10,453	0,035	0,291
CHR7	13707975	CHR7:13707975	SSF x Far_LoA	-8,770	-0,097	0,287
CHR7	13708086	CHR7:13708086	SSF x Far_LoA	-9,501	0,043	0,278
CHR7	137081	CHR7:137081	SSF x Far_LoA	-11,358	-0,068	0,285
CHR7	13708104	CHR7:13708104	SSF x Far_LoA	-8,061	0,044	0,278
CHR7	13708105	CHR7:13708105	SSF x Far_LoA	-9,954	0,090	0,289
CHR7	13708123	CHR7:13708123	SSF x Far_LoA	-9,114	0,082	0,294
CHR7	13708129	CHR7:13708129	SSF x Far_LoA	-7,848	-0,172	0,281
CHR7	13708158	CHR7:13708158	SSF x Far_LoA	-7,224	-0,078	0,281
CHR7	1373291	CHR7:1373291	SSF x Far_LoA	-9,433	-0,106	0,293
CHR7	13733491	CHR7:13733491	SSF x Far_LoA	-3,646	-0,091	0,289
CHR7	13733504	CHR7:13733504	SSF x Far_LoA	-7,773	0,039	0,302
CHR7	1373353	CHR7:1373353	SSF x Far_LoA	-10,574	0,034	0,283
CHR7	1373356	CHR7:1373356	SSF x Far_LoA	-3,729	0,109	0,276
CHR7	1373364	CHR7:1373364	SSF x Far_LoA	-11,349	0,059	0,284
CHR7	1373365	CHR7:1373365	SSF x Far_LoA	-8,723	0,010	0,292
CHR7	13733659	CHR7:13733659	SSF x Far_LoA	-10,783	-0,070	0,281
CHR7	13733679	CHR7:13733679	SSF x Far_LoA	-6,517	-0,001	0,303
CHR7	13733682	CHR7:13733682	SSF x Far_LoA	-7,130	-0,039	0,282
CHR7	13733699	CHR7:13733699	SSF x Far_LoA	-12,089	0,005	0,282
CHR7	13733708	CHR7:13733708	SSF x Far_LoA	-9,140	-0,031	0,290
CHR7	13733721	CHR7:13733721	SSF x Far_LoA	-9,347	-0,057	0,294
CHR7	13733748	CHR7:13733748	SSF x Far_LoA	-9,269	-0,029	0,284
CHR7	1373419	CHR7:1373419	SSF x Far_LoA	-5,102	-0,045	0,294
CHR7	13735566	CHR7:13735566	SSF x Far_LoA	-7,284	-0,034	0,297
CHR7	13735905	CHR7:13735905	SSF x Far_LoA	-9,281	0,082	0,283

CHR7	13740466	CHR7:13740466	SSF x Far_LoA	-4,701	0,100	0,295
CHR7	13751922	CHR7:13751922	SSF x Far_LoA	-8,936	-0,074	0,281
CHR7	13751972	CHR7:13751972	SSF x Far_LoA	-10,693	-0,059	0,295
CHR7	13751984	CHR7:13751984	SSF x Far_LoA	-8,283	-0,054	0,271
CHR7	13761256	CHR7:13761256	SSF x Far_LoA	-7,221	0,126	0,292
CHR7	13772235	CHR7:13772235	SSF x Far_LoA	-7,465	-0,069	0,285
CHR7	13772251	CHR7:13772251	SSF x Far_LoA	-3,889	0,098	0,301
CHR7	13772380	CHR7:13772380	SSF x Far_LoA	-6,020	-0,108	0,297
CHR7	1378970	CHR7:1378970	SSF x Far_LoA	-10,929	0,006	0,285
CHR7	1379070	CHR7:1379070	SSF x Far_LoA	-11,883	0,015	0,287
CHR7	1379271	CHR7:1379271	SSF x Far_LoA	-8,574	0,056	0,298
CHR7	13796218	CHR7:13796218	SSF x Far_LoA	-10,184	0,027	0,304
CHR7	13796231	CHR7:13796231	SSF x Far_LoA	-9,428	0,189	0,268
CHR7	13796235	CHR7:13796235	SSF x Far_LoA	-9,601	0,075	0,270
CHR7	13815735	CHR7:13815735	SSF x Far_LoA	-9,470	-0,018	0,307
CHR7	13815965	CHR7:13815965	SSF x Far_LoA	-9,883	-0,065	0,300
CHR7	1382492	CHR7:1382492	SSF x Far_LoA	-6,674	0,112	0,286
CHR7	1382766	CHR7:1382766	SSF x Far_LoA	-6,486	-0,141	0,292
CHR7	1382767	CHR7:1382767	SSF x Far_LoA	-10,417	0,009	0,303
CHR7	13844489	CHR7:13844489	SSF x Far_LoA	-8,692	-0,057	0,299
CHR7	13844525	CHR7:13844525	SSF x Far_LoA	-2,268	-0,113	0,290
CHR7	13844571	CHR7:13844571	SSF x Far_LoA	-6,755	0,131	0,292
CHR7	13844594	CHR7:13844594	SSF x Far_LoA	-9,758	-0,033	0,291
CHR7	13844626	CHR7:13844626	SSF x Far_LoA	-2,653	-0,070	0,289
CHR7	13844672	CHR7:13844672	SSF x Far_LoA	-12,486	-0,036	0,286
CHR7	13844877	CHR7:13844877	SSF x Far_LoA	-8,320	0,167	0,279
CHR7	13863675	CHR7:13863675	SSF x Far_LoA	-8,083	0,083	0,292
CHR7	13863740	CHR7:13863740	SSF x Far_LoA	-11,199	0,035	0,297
CHR7	13863801	CHR7:13863801	SSF x Far_LoA	-8,008	0,038	0,274
CHR7	13863887	CHR7:13863887	SSF x Far_LoA	-7,383	0,105	0,286
CHR7	13863895	CHR7:13863895	SSF x Far_LoA	-11,847	0,060	0,280
CHR7	13863906	CHR7:13863906	SSF x Far_LoA	-4,418	-0,024	0,285
CHR7	13876686	CHR7:13876686	SSF x Far_LoA	-10,059	-0,063	0,275
CHR7	13881616	CHR7:13881616	SSF x Far_LoA	-9,397	-0,003	0,284
CHR7	13883943	CHR7:13883943	SSF x Far_LoA	-8,608	0,081	0,293
CHR7	13887757	CHR7:13887757	SSF x Far_LoA	-12,193	0,007	0,289
CHR7	1390727	CHR7:1390727	SSF x Far_LoA	-10,059	0,018	0,286
CHR7	1390802	CHR7:1390802	SSF x Far_LoA	-8,991	-0,062	0,313
CHR7	1391014	CHR7:1391014	SSF x Far_LoA	-11,062	0,023	0,286
CHR7	1391078	CHR7:1391078	SSF x Far_LoA	-10,409	-0,076	0,283
CHR7	1391118	CHR7:1391118	SSF x Far_LoA	-8,834	-0,003	0,295
CHR7	1391137	CHR7:1391137	SSF x Far_LoA	-5,962	-0,079	0,289
CHR7	1391154	CHR7:1391154	SSF x Far_LoA	-8,048	-0,126	0,274
CHR7	13986217	CHR7:13986217	SSF x Far_LoA	-3,020	0,049	0,290
CHR7	13994447	CHR7:13994447	SSF x Far_LoA	-10,443	0,097	0,295
CHR7	13995357	CHR7:13995357	SSF x Far_LoA	-7,387	-0,078	0,288
CHR7	14010946	CHR7:14010946	SSF x Far_LoA	-11,069	-0,022	0,297
CHR7	14011084	CHR7:14011084	SSF x Far_LoA	-5,530	-0,145	0,283
CHR7	14011157	CHR7:14011157	SSF x Far_LoA	-11,330	-0,018	0,297
CHR7	14011193	CHR7:14011193	SSF x Far_LoA	-9,576	-0,093	0,283
CHR7	14011340	CHR7:14011340	SSF x Far_LoA	-9,127	-0,100	0,295
CHR7	1402070	CHR7:1402070	SSF x Far_LoA	-10,707	0,066	0,295
CHR7	14023640	CHR7:14023640	SSF x Far_LoA	-8,619	-0,025	0,317

CHR7	14023877	CHR7:14023877	SSF x Far_LoA	-7,917	-0,091	0,304
CHR7	14023901	CHR7:14023901	SSF x Far_LoA	-4,628	-0,178	0,288
CHR7	1402408	CHR7:1402408	SSF x Far_LoA	-7,507	0,067	0,301
CHR7	14037820	CHR7:14037820	SSF x Far_LoA	-8,682	0,128	0,283
CHR7	14041948	CHR7:14041948	SSF x Far_LoA	-11,306	0,035	0,277
CHR7	14043923	CHR7:14043923	SSF x Far_LoA	-4,658	-0,083	0,289
CHR7	14043933	CHR7:14043933	SSF x Far_LoA	-7,091	-0,055	0,278
CHR7	14044093	CHR7:14044093	SSF x Far_LoA	-10,964	0,026	0,284
CHR7	14044148	CHR7:14044148	SSF x Far_LoA	-7,180	-0,107	0,291
CHR7	1405214	CHR7:1405214	SSF x Far_LoA	-7,915	0,074	0,292
CHR7	14054679	CHR7:14054679	SSF x Far_LoA	-8,764	-0,020	0,294
CHR7	1405570	CHR7:1405570	SSF x Far_LoA	-8,667	0,017	0,289
CHR7	1405582	CHR7:1405582	SSF x Far_LoA	-12,029	0,005	0,285
CHR7	14057064	CHR7:14057064	SSF x Far_LoA	-8,866	0,175	0,292
CHR7	14080988	CHR7:14080988	SSF x Far_LoA	-9,420	0,046	0,283
CHR7	14089353	CHR7:14089353	SSF x Far_LoA	-9,799	0,055	0,302
CHR7	14089410	CHR7:14089410	SSF x Far_LoA	-9,459	-0,149	0,283
CHR7	14100965	CHR7:14100965	SSF x Far_LoA	-11,365	0,029	0,307
CHR7	14101076	CHR7:14101076	SSF x Far_LoA	-10,077	0,117	0,298
CHR7	14106241	CHR7:14106241	SSF x Far_LoA	-9,981	-0,019	0,310
CHR7	14122684	CHR7:14122684	SSF x Far_LoA	-0,260	0,144	0,287
CHR7	14122718	CHR7:14122718	SSF x Far_LoA	-9,886	0,002	0,288
CHR7	14122762	CHR7:14122762	SSF x Far_LoA	-4,990	0,044	0,291
CHR7	14122794	CHR7:14122794	SSF x Far_LoA	-6,868	-0,019	0,297
CHR7	14122847	CHR7:14122847	SSF x Far_LoA	-8,596	0,045	0,284
CHR7	14122850	CHR7:14122850	SSF x Far_LoA	-9,160	0,026	0,281
CHR7	14125746	CHR7:14125746	SSF x Far_LoA	-10,046	-0,111	0,280
CHR7	14134333	CHR7:14134333	SSF x Far_LoA	-8,894	0,099	0,285
CHR7	14134340	CHR7:14134340	SSF x Far_LoA	-11,418	0,050	0,289
CHR7	14134405	CHR7:14134405	SSF x Far_LoA	-8,340	-0,113	0,289
CHR7	14134431	CHR7:14134431	SSF x Far_LoA	-7,834	-0,070	0,315
CHR7	14141680	CHR7:14141680	SSF x Far_LoA	-8,453	-0,021	0,291
CHR7	14141744	CHR7:14141744	SSF x Far_LoA	-8,611	-0,099	0,280
CHR7	14143604	CHR7:14143604	SSF x Far_LoA	-7,939	0,131	0,294
CHR7	14143629	CHR7:14143629	SSF x Far_LoA	-11,178	0,020	0,291
CHR7	14143710	CHR7:14143710	SSF x Far_LoA	-7,856	0,120	0,285
CHR7	14143756	CHR7:14143756	SSF x Far_LoA	-9,145	0,127	0,274
CHR7	14143760	CHR7:14143760	SSF x Far_LoA	-9,368	-0,012	0,279
CHR7	14174976	CHR7:14174976	SSF x Far_LoA	-9,447	0,066	0,285
CHR7	14174982	CHR7:14174982	SSF x Far_LoA	-9,625	0,064	0,284
CHR7	14174983	CHR7:14174983	SSF x Far_LoA	-9,304	0,096	0,277
CHR7	14174987	CHR7:14174987	SSF x Far_LoA	-7,919	0,079	0,277
CHR7	14175054	CHR7:14175054	SSF x Far_LoA	-7,693	0,170	0,283
CHR7	14175063	CHR7:14175063	SSF x Far_LoA	-3,363	0,173	0,285
CHR7	14175068	CHR7:14175068	SSF x Far_LoA	10,072	0,178	0,275
CHR7	14175095	CHR7:14175095	SSF x Far_LoA	-7,697	0,142	0,269
CHR7	14175127	CHR7:14175127	SSF x Far_LoA	-7,380	-0,123	0,278
CHR7	14175130	CHR7:14175130	SSF x Far_LoA	-6,629	-0,118	0,291
CHR7	14175167	CHR7:14175167	SSF x Far_LoA	-11,709	-0,020	0,283
CHR7	14175168	CHR7:14175168	SSF x Far_LoA	-9,663	0,084	0,287
CHR7	14175227	CHR7:14175227	SSF x Far_LoA	-5,124	0,141	0,280
CHR7	14175293	CHR7:14175293	SSF x Far_LoA	-10,575	0,006	0,301
CHR7	14187330	CHR7:14187330	SSF x Far_LoA	-10,359	-0,085	0,285

CHR7	14187446	CHR7:14187446	SSF x Far_LoA	-8,380	-0,106	0,296
CHR7	14189368	CHR7:14189368	SSF x Far_LoA	-7,781	-0,033	0,307
CHR7	14189384	CHR7:14189384	SSF x Far_LoA	-10,701	-0,013	0,294
CHR7	14189453	CHR7:14189453	SSF x Far_LoA	-8,656	0,076	0,294
CHR7	14204863	CHR7:14204863	SSF x Far_LoA	-5,164	-0,078	0,295
CHR7	14204884	CHR7:14204884	SSF x Far_LoA	-7,715	-0,100	0,304
CHR7	14204941	CHR7:14204941	SSF x Far_LoA	-5,216	0,202	0,280
CHR7	14204955	CHR7:14204955	SSF x Far_LoA	-9,322	0,064	0,295
CHR7	1420898	CHR7:1420898	SSF x Far_LoA	-8,484	-0,117	0,289
CHR7	1421111	CHR7:1421111	SSF x Far_LoA	-10,264	-0,080	0,321
CHR7	14225560	CHR7:14225560	SSF x Far_LoA	-6,897	-0,115	0,299
CHR7	14225565	CHR7:14225565	SSF x Far_LoA	-6,358	-0,168	0,300
CHR7	14225593	CHR7:14225593	SSF x Far_LoA	-8,290	-0,102	0,296
CHR7	14225603	CHR7:14225603	SSF x Far_LoA	-9,380	0,079	0,287
CHR7	14225619	CHR7:14225619	SSF x Far_LoA	-10,979	-0,028	0,273
CHR7	14225631	CHR7:14225631	SSF x Far_LoA	-10,709	0,090	0,284
CHR7	14225633	CHR7:14225633	SSF x Far_LoA	-10,236	0,073	0,306
CHR7	14225643	CHR7:14225643	SSF x Far_LoA	-10,443	0,089	0,284
CHR7	14225655	CHR7:14225655	SSF x Far_LoA	-11,712	0,025	0,284
CHR7	14225657	CHR7:14225657	SSF x Far_LoA	-7,585	0,134	0,271
CHR7	14260044	CHR7:14260044	SSF x Far_LoA	-9,039	0,043	0,281
CHR7	14260065	CHR7:14260065	SSF x Far_LoA	-10,050	-0,011	0,294
CHR7	14260281	CHR7:14260281	SSF x Far_LoA	-8,494	0,027	0,273
CHR7	14263456	CHR7:14263456	SSF x Far_LoA	-9,153	0,038	0,293
CHR7	14263486	CHR7:14263486	SSF x Far_LoA	-11,135	0,025	0,290
CHR7	14263559	CHR7:14263559	SSF x Far_LoA	-10,780	-0,042	0,303
CHR7	14265270	CHR7:14265270	SSF x Far_LoA	-10,314	-0,084	0,285
CHR7	14265272	CHR7:14265272	SSF x Far_LoA	-9,590	-0,054	0,277
CHR7	14270016	CHR7:14270016	SSF x Far_LoA	-7,057	-0,147	0,282
CHR7	14270020	CHR7:14270020	SSF x Far_LoA	-5,090	-0,062	0,291
CHR7	14270107	CHR7:14270107	SSF x Far_LoA	-9,314	0,050	0,300
CHR7	14270109	CHR7:14270109	SSF x Far_LoA	-10,083	0,071	0,293
CHR7	14270217	CHR7:14270217	SSF x Far_LoA	-8,784	-0,058	0,292
CHR7	14270260	CHR7:14270260	SSF x Far_LoA	-9,296	-0,003	0,304
CHR7	14288019	CHR7:14288019	SSF x Far_LoA	-10,797	-0,031	0,283
CHR7	14290202	CHR7:14290202	SSF x Far_LoA	-10,933	-0,022	0,290
CHR7	14290204	CHR7:14290204	SSF x Far_LoA	-6,208	-0,081	0,291
CHR7	14303729	CHR7:14303729	SSF x Far_LoA	-10,603	0,002	0,301
CHR7	14303760	CHR7:14303760	SSF x Far_LoA	-6,234	0,152	0,284
CHR7	14303805	CHR7:14303805	SSF x Far_LoA	-10,416	0,007	0,282
CHR7	14303929	CHR7:14303929	SSF x Far_LoA	-11,258	-0,088	0,285
CHR7	14303981	CHR7:14303981	SSF x Far_LoA	-10,737	-0,105	0,290
CHR7	14309534	CHR7:14309534	SSF x Far_LoA	-10,600	0,046	0,293
CHR7	14309575	CHR7:14309575	SSF x Far_LoA	-7,032	-0,070	0,287
CHR7	14311086	CHR7:14311086	SSF x Far_LoA	-9,063	-0,020	0,292
CHR7	14311263	CHR7:14311263	SSF x Far_LoA	-9,106	-0,058	0,270
CHR7	14311275	CHR7:14311275	SSF x Far_LoA	-8,861	-0,040	0,301
CHR7	14332858	CHR7:14332858	SSF x Far_LoA	-10,162	0,051	0,294
CHR7	14332887	CHR7:14332887	SSF x Far_LoA	-7,239	0,207	0,259
CHR7	14332938	CHR7:14332938	SSF x Far_LoA	-7,119	0,171	0,260
CHR7	14343767	CHR7:14343767	SSF x Far_LoA	-10,852	0,050	0,279
CHR7	14343808	CHR7:14343808	SSF x Far_LoA	-8,926	-0,055	0,301
CHR7	14343848	CHR7:14343848	SSF x Far_LoA	-10,813	-0,015	0,301

CHR7	14343941	CHR7:14343941	SSF x Far_LoA	-9,312	0,039	0,301
CHR7	1434882	CHR7:1434882	SSF x Far_LoA	-8,674	0,010	0,300
CHR7	14352123	CHR7:14352123	SSF x Far_LoA	-10,708	-0,083	0,273
CHR7	14354870	CHR7:14354870	SSF x Far_LoA	-9,331	-0,096	0,282
CHR7	14354919	CHR7:14354919	SSF x Far_LoA	-5,356	0,058	0,309
CHR7	14367814	CHR7:14367814	SSF x Far_LoA	-11,027	0,026	0,294
CHR7	14367900	CHR7:14367900	SSF x Far_LoA	-7,965	0,007	0,293
CHR7	14367903	CHR7:14367903	SSF x Far_LoA	-9,267	0,011	0,287
CHR7	14367918	CHR7:14367918	SSF x Far_LoA	-10,500	0,076	0,290
CHR7	14368004	CHR7:14368004	SSF x Far_LoA	-10,495	-0,040	0,312
CHR7	14368080	CHR7:14368080	SSF x Far_LoA	-10,048	0,089	0,274
CHR7	14374623	CHR7:14374623	SSF x Far_LoA	-10,186	-0,027	0,301
CHR7	14374840	CHR7:14374840	SSF x Far_LoA	-9,274	0,001	0,285
CHR7	14392120	CHR7:14392120	SSF x Far_LoA	-8,664	-0,044	0,286
CHR7	14392145	CHR7:14392145	SSF x Far_LoA	-7,154	0,070	0,277
CHR7	14392147	CHR7:14392147	SSF x Far_LoA	-8,848	0,069	0,289
CHR7	14392286	CHR7:14392286	SSF x Far_LoA	-10,680	-0,023	0,281
CHR7	14392290	CHR7:14392290	SSF x Far_LoA	-7,850	-0,073	0,288
CHR7	14392371	CHR7:14392371	SSF x Far_LoA	-7,522	-0,101	0,296
CHR7	14430478	CHR7:14430478	SSF x Far_LoA	-9,220	0,065	0,289
CHR7	14430488	CHR7:14430488	SSF x Far_LoA	-8,558	-0,049	0,305
CHR7	14443719	CHR7:14443719	SSF x Far_LoA	-9,216	0,038	0,278
CHR7	14443786	CHR7:14443786	SSF x Far_LoA	-11,791	-0,017	0,291
CHR7	1445194	CHR7:1445194	SSF x Far_LoA	-12,208	0,020	0,278
CHR7	14456485	CHR7:14456485	SSF x Far_LoA	-10,958	0,050	0,295
CHR7	14472878	CHR7:14472878	SSF x Far_LoA	-9,235	-0,029	0,285
CHR7	14473506	CHR7:14473506	SSF x Far_LoA	-11,374	0,020	0,293
CHR7	14473511	CHR7:14473511	SSF x Far_LoA	-8,394	-0,142	0,280
CHR7	14502282	CHR7:14502282	SSF x Far_LoA	-9,520	-0,072	0,305
CHR7	14502652	CHR7:14502652	SSF x Far_LoA	-9,473	0,008	0,309
CHR7	14524067	CHR7:14524067	SSF x Far_LoA	-11,428	0,011	0,290
CHR7	14527565	CHR7:14527565	SSF x Far_LoA	-7,803	-0,150	0,299
CHR7	14527608	CHR7:14527608	SSF x Far_LoA	-8,948	-0,051	0,297
CHR7	14543272	CHR7:14543272	SSF x Far_LoA	-9,150	0,030	0,285
CHR7	14543438	CHR7:14543438	SSF x Far_LoA	-10,231	0,018	0,265
CHR7	14548990	CHR7:14548990	SSF x Far_LoA	-8,736	0,100	0,291
CHR7	14549008	CHR7:14549008	SSF x Far_LoA	-11,923	0,038	0,277
CHR7	14549057	CHR7:14549057	SSF x Far_LoA	-8,895	-0,138	0,280
CHR7	14549128	CHR7:14549128	SSF x Far_LoA	-2,708	0,195	0,286
CHR7	14549129	CHR7:14549129	SSF x Far_LoA	-10,436	-0,087	0,288
CHR7	14560548	CHR7:14560548	SSF x Far_LoA	-6,510	-0,064	0,290
CHR7	14575442	CHR7:14575442	SSF x Far_LoA	-9,111	-0,074	0,293
CHR7	14575474	CHR7:14575474	SSF x Far_LoA	-7,156	-0,047	0,291
CHR7	14575490	CHR7:14575490	SSF x Far_LoA	-8,717	0,004	0,291
CHR7	14576984	CHR7:14576984	SSF x Far_LoA	-10,802	-0,058	0,291
CHR7	14582800	CHR7:14582800	SSF x Far_LoA	-9,303	0,073	0,284
CHR7	14582936	CHR7:14582936	SSF x Far_LoA	-4,996	-0,053	0,291
CHR7	14582981	CHR7:14582981	SSF x Far_LoA	-10,252	0,082	0,278
CHR7	14582989	CHR7:14582989	SSF x Far_LoA	-9,377	0,003	0,292
CHR7	14583021	CHR7:14583021	SSF x Far_LoA	-7,776	-0,044	0,287
CHR7	14583048	CHR7:14583048	SSF x Far_LoA	-7,961	-0,086	0,299
CHR7	14583112	CHR7:14583112	SSF x Far_LoA	-9,605	0,051	0,269
CHR7	14583121	CHR7:14583121	SSF x Far_LoA	-10,945	-0,093	0,294

CHR7	14583163	CHR7:14583163	SSF x Far_LoA	-9,071	0,019	0,306
CHR7	14589089	CHR7:14589089	SSF x Far_LoA	-12,084	-0,001	0,285
CHR7	14595369	CHR7:14595369	SSF x Far_LoA	-11,418	0,019	0,294
CHR7	14595410	CHR7:14595410	SSF x Far_LoA	-5,191	-0,190	0,287
CHR7	14595448	CHR7:14595448	SSF x Far_LoA	-7,323	-0,098	0,284
CHR7	14595465	CHR7:14595465	SSF x Far_LoA	-6,882	-0,163	0,277
CHR7	14595490	CHR7:14595490	SSF x Far_LoA	-7,725	-0,006	0,296
CHR7	14595578	CHR7:14595578	SSF x Far_LoA	-6,687	-0,099	0,290
CHR7	14610883	CHR7:14610883	SSF x Far_LoA	-10,129	0,047	0,297
CHR7	14611025	CHR7:14611025	SSF x Far_LoA	-6,494	0,107	0,300
CHR7	14634653	CHR7:14634653	SSF x Far_LoA	-7,719	0,119	0,284
CHR7	14634674	CHR7:14634674	SSF x Far_LoA	-8,683	0,052	0,295
CHR7	14634680	CHR7:14634680	SSF x Far_LoA	-7,497	-0,134	0,292
CHR7	14634732	CHR7:14634732	SSF x Far_LoA	-8,950	0,088	0,280
CHR7	14634838	CHR7:14634838	SSF x Far_LoA	-9,289	0,027	0,281
CHR7	14634848	CHR7:14634848	SSF x Far_LoA	-8,317	-0,070	0,301
CHR7	14641819	CHR7:14641819	SSF x Far_LoA	-10,263	-0,101	0,295
CHR7	14641987	CHR7:14641987	SSF x Far_LoA	-8,731	-0,028	0,296
CHR7	14645453	CHR7:14645453	SSF x Far_LoA	1,520	-0,099	0,294
CHR7	14645572	CHR7:14645572	SSF x Far_LoA	-8,221	-0,049	0,299
CHR7	14645679	CHR7:14645679	SSF x Far_LoA	-10,011	-0,003	0,291
CHR7	14654200	CHR7:14654200	SSF x Far_LoA	-5,717	-0,006	0,298
CHR7	14654255	CHR7:14654255	SSF x Far_LoA	-10,776	0,006	0,285
CHR7	14660649	CHR7:14660649	SSF x Far_LoA	-6,789	0,077	0,284
CHR7	14662574	CHR7:14662574	SSF x Far_LoA	-10,442	0,042	0,289
CHR7	14663976	CHR7:14663976	SSF x Far_LoA	-3,229	-0,001	0,290
CHR7	14664119	CHR7:14664119	SSF x Far_LoA	-9,983	-0,045	0,289
CHR7	14664132	CHR7:14664132	SSF x Far_LoA	-9,950	-0,056	0,286
CHR7	14664172	CHR7:14664172	SSF x Far_LoA	-4,893	-0,117	0,288
CHR7	14669875	CHR7:14669875	SSF x Far_LoA	-8,795	0,156	0,279
CHR7	14669903	CHR7:14669903	SSF x Far_LoA	-9,892	0,016	0,286
CHR7	14674243	CHR7:14674243	SSF x Far_LoA	-9,003	-0,015	0,288
CHR7	14674391	CHR7:14674391	SSF x Far_LoA	-11,534	0,017	0,299
CHR7	14682805	CHR7:14682805	SSF x Far_LoA	-9,272	0,043	0,294
CHR7	14682850	CHR7:14682850	SSF x Far_LoA	-11,254	0,106	0,277
CHR7	14690721	CHR7:14690721	SSF x Far_LoA	-11,209	0,034	0,284
CHR7	14693527	CHR7:14693527	SSF x Far_LoA	-11,540	0,095	0,290
CHR7	14693609	CHR7:14693609	SSF x Far_LoA	-9,945	0,069	0,293
CHR7	14693770	CHR7:14693770	SSF x Far_LoA	-9,035	-0,089	0,283
CHR7	14693786	CHR7:14693786	SSF x Far_LoA	-9,900	0,026	0,283
CHR7	14693847	CHR7:14693847	SSF x Far_LoA	-10,154	-0,074	0,273
CHR7	14693930	CHR7:14693930	SSF x Far_LoA	-8,041	0,040	0,308
CHR7	14701804	CHR7:14701804	SSF x Far_LoA	-8,109	-0,112	0,280
CHR7	14702015	CHR7:14702015	SSF x Far_LoA	-4,748	0,118	0,298
CHR7	14706274	CHR7:14706274	SSF x Far_LoA	-8,010	0,038	0,298
CHR7	14706290	CHR7:14706290	SSF x Far_LoA	-8,455	0,029	0,295
CHR7	14706404	CHR7:14706404	SSF x Far_LoA	-5,354	0,238	0,274
CHR7	14706454	CHR7:14706454	SSF x Far_LoA	-5,767	-0,184	0,286
CHR7	14716784	CHR7:14716784	SSF x Far_LoA	-11,155	0,080	0,297
CHR7	14716789	CHR7:14716789	SSF x Far_LoA	-11,263	-0,051	0,282
CHR7	14741211	CHR7:14741211	SSF x Far_LoA	-11,844	-0,028	0,279
CHR7	14741300	CHR7:14741300	SSF x Far_LoA	-11,065	-0,031	0,286
CHR7	14741372	CHR7:14741372	SSF x Far_LoA	-7,965	0,024	0,274

CHR7	14741456	CHR7:14741456	SSF x Far_LoA	-10,497	-0,089	0,279
CHR7	14741489	CHR7:14741489	SSF x Far_LoA	-7,780	0,082	0,310
CHR7	14776515	CHR7:14776515	SSF x Far_LoA	-9,219	-0,131	0,282
CHR7	14776565	CHR7:14776565	SSF x Far_LoA	-5,931	0,008	0,281
CHR7	14776656	CHR7:14776656	SSF x Far_LoA	-7,233	0,068	0,299
CHR7	14776665	CHR7:14776665	SSF x Far_LoA	-7,310	0,036	0,281
CHR7	14776678	CHR7:14776678	SSF x Far_LoA	-9,889	-0,057	0,300
CHR7	14776768	CHR7:14776768	SSF x Far_LoA	-9,976	0,080	0,271
CHR7	14776772	CHR7:14776772	SSF x Far_LoA	-9,610	0,068	0,280
CHR7	14776775	CHR7:14776775	SSF x Far_LoA	-8,678	0,081	0,284
CHR7	14776866	CHR7:14776866	SSF x Far_LoA	-9,777	0,059	0,282
CHR7	14784408	CHR7:14784408	SSF x Far_LoA	-9,372	0,023	0,297
CHR7	14784588	CHR7:14784588	SSF x Far_LoA	-6,635	0,139	0,289
CHR7	14784604	CHR7:14784604	SSF x Far_LoA	-2,247	0,134	0,292
CHR7	14784606	CHR7:14784606	SSF x Far_LoA	-0,508	0,157	0,280
CHR7	14784607	CHR7:14784607	SSF x Far_LoA	-7,735	0,106	0,303
CHR7	14784616	CHR7:14784616	SSF x Far_LoA	-0,646	-0,108	0,275
CHR7	14784617	CHR7:14784617	SSF x Far_LoA	-4,250	0,107	0,299
CHR7	14784622	CHR7:14784622	SSF x Far_LoA	-5,832	0,135	0,288
CHR7	14784640	CHR7:14784640	SSF x Far_LoA	-10,843	-0,094	0,292
CHR7	14784651	CHR7:14784651	SSF x Far_LoA	-1,070	-0,078	0,298
CHR7	14784697	CHR7:14784697	SSF x Far_LoA	-8,489	-0,046	0,291
CHR7	14784709	CHR7:14784709	SSF x Far_LoA	-9,904	-0,096	0,295
CHR7	14800058	CHR7:14800058	SSF x Far_LoA	-2,601	-0,210	0,270
CHR7	14800060	CHR7:14800060	SSF x Far_LoA	-5,243	-0,181	0,261
CHR7	14811880	CHR7:14811880	SSF x Far_LoA	-11,785	-0,025	0,274
CHR7	14811883	CHR7:14811883	SSF x Far_LoA	-10,705	-0,066	0,287
CHR7	14811954	CHR7:14811954	SSF x Far_LoA	-9,999	-0,007	0,303
CHR7	14811982	CHR7:14811982	SSF x Far_LoA	-11,346	0,118	0,279
CHR7	14824616	CHR7:14824616	SSF x Far_LoA	-9,429	0,007	0,269
CHR7	14830362	CHR7:14830362	SSF x Far_LoA	-9,074	-0,012	0,293
CHR7	14830437	CHR7:14830437	SSF x Far_LoA	-8,868	-0,099	0,272
CHR7	14830458	CHR7:14830458	SSF x Far_LoA	-9,742	-0,075	0,295
CHR7	14831006	CHR7:14831006	SSF x Far_LoA	-11,378	0,032	0,296
CHR7	14831041	CHR7:14831041	SSF x Far_LoA	-9,101	0,035	0,295
CHR7	1487638	CHR7:1487638	SSF x Far_LoA	-11,158	0,000	0,301
CHR7	1487819	CHR7:1487819	SSF x Far_LoA	-9,189	-0,035	0,292
CHR7	14906457	CHR7:14906457	SSF x Far_LoA	-8,831	-0,001	0,301
CHR7	14923019	CHR7:14923019	SSF x Far_LoA	-7,848	0,125	0,286
CHR7	14944054	CHR7:14944054	SSF x Far_LoA	-10,307	0,052	0,281
CHR7	14944079	CHR7:14944079	SSF x Far_LoA	-9,809	-0,024	0,290
CHR7	14944281	CHR7:14944281	SSF x Far_LoA	-10,597	0,056	0,285
CHR7	14944297	CHR7:14944297	SSF x Far_LoA	-10,721	-0,008	0,296
CHR7	14960705	CHR7:14960705	SSF x Far_LoA	-8,895	-0,013	0,303
CHR7	14960717	CHR7:14960717	SSF x Far_LoA	-9,947	0,001	0,291
CHR7	14962594	CHR7:14962594	SSF x Far_LoA	-8,235	0,012	0,288
CHR7	14962596	CHR7:14962596	SSF x Far_LoA	-8,797	0,020	0,290
CHR7	14962647	CHR7:14962647	SSF x Far_LoA	-9,529	-0,029	0,287
CHR7	14962722	CHR7:14962722	SSF x Far_LoA	-6,074	0,122	0,259
CHR7	14962789	CHR7:14962789	SSF x Far_LoA	-10,473	-0,041	0,295
CHR7	14962793	CHR7:14962793	SSF x Far_LoA	-7,881	0,065	0,289
CHR7	14962794	CHR7:14962794	SSF x Far_LoA	-8,248	0,040	0,278
CHR7	14972932	CHR7:14972932	SSF x Far_LoA	-10,995	0,044	0,301

CHR7	14972963	CHR7:14972963	SSF x Far_LoA	-7,988	-0,127	0,292
CHR7	14976026	CHR7:14976026	SSF x Far_LoA	-5,423	0,168	0,279
CHR7	14976049	CHR7:14976049	SSF x Far_LoA	-10,219	-0,049	0,301
CHR7	14976077	CHR7:14976077	SSF x Far_LoA	-10,956	-0,006	0,292
CHR7	14976388	CHR7:14976388	SSF x Far_LoA	-7,179	0,029	0,292
CHR7	14983790	CHR7:14983790	SSF x Far_LoA	-8,821	0,094	0,292
CHR7	14983814	CHR7:14983814	SSF x Far_LoA	-11,137	-0,140	0,288
CHR7	14983821	CHR7:14983821	SSF x Far_LoA	-10,853	-0,147	0,290
CHR7	14986062	CHR7:14986062	SSF x Far_LoA	-7,105	0,118	0,287
CHR7	14986085	CHR7:14986085	SSF x Far_LoA	-8,297	0,111	0,290
CHR7	14986143	CHR7:14986143	SSF x Far_LoA	-7,254	0,104	0,287
CHR7	14986148	CHR7:14986148	SSF x Far_LoA	-7,268	-0,116	0,279
CHR7	14986170	CHR7:14986170	SSF x Far_LoA	-6,952	-0,098	0,281
CHR7	14986181	CHR7:14986181	SSF x Far_LoA	-8,519	-0,032	0,287
CHR7	14993459	CHR7:14993459	SSF x Far_LoA	-11,525	-0,015	0,278
CHR7	14993467	CHR7:14993467	SSF x Far_LoA	-9,514	-0,035	0,296
CHR7	14993471	CHR7:14993471	SSF x Far_LoA	-11,380	0,021	0,290
CHR7	14993475	CHR7:14993475	SSF x Far_LoA	-10,723	0,029	0,289
CHR7	14993492	CHR7:14993492	SSF x Far_LoA	-10,855	0,046	0,298
CHR7	14993497	CHR7:14993497	SSF x Far_LoA	-8,575	-0,053	0,295
CHR7	14993499	CHR7:14993499	SSF x Far_LoA	-9,045	-0,031	0,296
CHR7	14993509	CHR7:14993509	SSF x Far_LoA	-10,153	-0,063	0,286
CHR7	1501082	CHR7:1501082	SSF x Far_LoA	-8,360	0,068	0,271
CHR7	1501678	CHR7:1501678	SSF x Far_LoA	-6,897	0,066	0,293
CHR7	1501702	CHR7:1501702	SSF x Far_LoA	-7,884	0,127	0,289
CHR7	1501817	CHR7:1501817	SSF x Far_LoA	-9,276	0,026	0,303
CHR7	1501872	CHR7:1501872	SSF x Far_LoA	-6,306	0,013	0,299
CHR7	1501937	CHR7:1501937	SSF x Far_LoA	-8,567	0,035	0,297
CHR7	15052997	CHR7:15052997	SSF x Far_LoA	-7,922	0,001	0,302
CHR7	1508576	CHR7:1508576	SSF x Far_LoA	-9,309	0,045	0,281
CHR7	15109298	CHR7:15109298	SSF x Far_LoA	-7,553	-0,011	0,293
CHR7	15109358	CHR7:15109358	SSF x Far_LoA	-8,371	-0,001	0,296
CHR7	15109384	CHR7:15109384	SSF x Far_LoA	-9,095	0,020	0,285
CHR7	15109422	CHR7:15109422	SSF x Far_LoA	-10,142	-0,021	0,288
CHR7	15165063	CHR7:15165063	SSF x Far_LoA	-9,777	0,001	0,290
CHR7	15165261	CHR7:15165261	SSF x Far_LoA	-11,085	0,013	0,276
CHR7	15169933	CHR7:15169933	SSF x Far_LoA	-10,217	-0,119	0,290
CHR7	15181641	CHR7:15181641	SSF x Far_LoA	-10,888	-0,005	0,291
CHR7	15181807	CHR7:15181807	SSF x Far_LoA	-9,354	-0,076	0,279
CHR7	15183461	CHR7:15183461	SSF x Far_LoA	-8,605	0,101	0,286
CHR7	15183589	CHR7:15183589	SSF x Far_LoA	-9,034	-0,140	0,266
CHR7	15187701	CHR7:15187701	SSF x Far_LoA	-6,946	0,190	0,273
CHR7	15187877	CHR7:15187877	SSF x Far_LoA	-10,537	0,076	0,288
CHR7	15197531	CHR7:15197531	SSF x Far_LoA	-8,669	0,054	0,288
CHR7	15272286	CHR7:15272286	SSF x Far_LoA	-9,611	0,020	0,307
CHR7	15275502	CHR7:15275502	SSF x Far_LoA	-9,787	0,080	0,295
CHR7	15299421	CHR7:15299421	SSF x Far_LoA	-11,874	0,006	0,298
CHR7	15311434	CHR7:15311434	SSF x Far_LoA	-9,959	0,119	0,288
CHR7	15311571	CHR7:15311571	SSF x Far_LoA	-10,963	0,145	0,282
CHR7	15320871	CHR7:15320871	SSF x Far_LoA	-8,385	-0,029	0,301
CHR7	15323685	CHR7:15323685	SSF x Far_LoA	-8,486	-0,046	0,291
CHR7	15378872	CHR7:15378872	SSF x Far_LoA	-9,754	0,012	0,294
CHR7	15378965	CHR7:15378965	SSF x Far_LoA	-9,268	0,102	0,281

CHR7	15378989	CHR7:15378989	SSF x Far_LoA	-10,180	0,091	0,296
CHR7	15378996	CHR7:15378996	SSF x Far_LoA	-10,744	-0,138	0,282
CHR7	15379104	CHR7:15379104	SSF x Far_LoA	-8,905	0,051	0,283
CHR7	15381954	CHR7:15381954	SSF x Far_LoA	-8,582	-0,178	0,284
CHR7	1540831	CHR7:1540831	SSF x Far_LoA	-10,299	-0,096	0,289
CHR7	1540835	CHR7:1540835	SSF x Far_LoA	-11,206	-0,070	0,294
CHR7	1540988	CHR7:1540988	SSF x Far_LoA	-11,298	-0,039	0,271
CHR7	1541087	CHR7:1541087	SSF x Far_LoA	-9,618	-0,166	0,282
CHR7	1541180	CHR7:1541180	SSF x Far_LoA	-8,958	0,038	0,306
CHR7	15421311	CHR7:15421311	SSF x Far_LoA	-4,628	0,134	0,285
CHR7	15434839	CHR7:15434839	SSF x Far_LoA	-8,384	-0,007	0,284
CHR7	15434869	CHR7:15434869	SSF x Far_LoA	-10,890	-0,021	0,286
CHR7	15434887	CHR7:15434887	SSF x Far_LoA	-9,114	0,009	0,290
CHR7	15436828	CHR7:15436828	SSF x Far_LoA	-10,583	-0,076	0,286
CHR7	15436908	CHR7:15436908	SSF x Far_LoA	-10,123	-0,094	0,278
CHR7	15436993	CHR7:15436993	SSF x Far_LoA	-9,977	-0,040	0,278
CHR7	15437095	CHR7:15437095	SSF x Far_LoA	-10,824	-0,008	0,282
CHR7	15438272	CHR7:15438272	SSF x Far_LoA	0,871	0,239	0,280
CHR7	15438280	CHR7:15438280	SSF x Far_LoA	-8,092	-0,128	0,276
CHR7	15438288	CHR7:15438288	SSF x Far_LoA	-8,739	-0,072	0,296
CHR7	15438292	CHR7:15438292	SSF x Far_LoA	-5,133	-0,085	0,291
CHR7	15444967	CHR7:15444967	SSF x Far_LoA	-8,014	-0,110	0,294
CHR7	15444968	CHR7:15444968	SSF x Far_LoA	-10,791	-0,106	0,291
CHR7	15444992	CHR7:15444992	SSF x Far_LoA	-8,036	0,017	0,299
CHR7	15447263	CHR7:15447263	SSF x Far_LoA	-9,648	-0,012	0,289
CHR7	15448883	CHR7:15448883	SSF x Far_LoA	-7,940	-0,047	0,311
CHR7	15448895	CHR7:15448895	SSF x Far_LoA	-4,727	-0,040	0,301
CHR7	15449013	CHR7:15449013	SSF x Far_LoA	-6,598	0,039	0,312
CHR7	15464783	CHR7:15464783	SSF x Far_LoA	-10,617	0,065	0,293
CHR7	15469752	CHR7:15469752	SSF x Far_LoA	-9,325	0,147	0,288
CHR7	15469968	CHR7:15469968	SSF x Far_LoA	-9,487	-0,008	0,290
CHR7	15470082	CHR7:15470082	SSF x Far_LoA	-5,192	0,140	0,294
CHR7	15472648	CHR7:15472648	SSF x Far_LoA	-10,332	0,006	0,292
CHR7	15472773	CHR7:15472773	SSF x Far_LoA	-10,093	0,117	0,289
CHR7	15472813	CHR7:15472813	SSF x Far_LoA	-8,994	-0,044	0,290
CHR7	15472864	CHR7:15472864	SSF x Far_LoA	-11,421	-0,088	0,283
CHR7	15484335	CHR7:15484335	SSF x Far_LoA	-11,065	0,029	0,296
CHR7	15484610	CHR7:15484610	SSF x Far_LoA	-10,970	-0,095	0,287
CHR7	15484617	CHR7:15484617	SSF x Far_LoA	-9,070	-0,029	0,313
CHR7	15484628	CHR7:15484628	SSF x Far_LoA	-8,733	-0,001	0,290
CHR7	15487084	CHR7:15487084	SSF x Far_LoA	-10,235	-0,128	0,298
CHR7	15489295	CHR7:15489295	SSF x Far_LoA	-12,050	-0,056	0,271
CHR7	15489343	CHR7:15489343	SSF x Far_LoA	-10,749	-0,041	0,305
CHR7	15489550	CHR7:15489550	SSF x Far_LoA	1,120	0,009	0,271
CHR7	15489604	CHR7:15489604	SSF x Far_LoA	-7,336	0,170	0,275
CHR7	15489626	CHR7:15489626	SSF x Far_LoA	-6,879	-0,138	0,292
CHR7	15489630	CHR7:15489630	SSF x Far_LoA	-7,132	-0,095	0,281
CHR7	1552734	CHR7:1552734	SSF x Far_LoA	-8,690	-0,057	0,299
CHR7	1552806	CHR7:1552806	SSF x Far_LoA	-10,436	0,050	0,303
CHR7	1552963	CHR7:1552963	SSF x Far_LoA	-8,525	-0,078	0,284
CHR7	15549439	CHR7:15549439	SSF x Far_LoA	-10,128	-0,021	0,290
CHR7	15549498	CHR7:15549498	SSF x Far_LoA	-9,805	0,060	0,276
CHR7	15549551	CHR7:15549551	SSF x Far_LoA	-5,509	0,108	0,301

CHR7	15549571	CHR7:15549571	SSF x Far_LoA	-8,276	0,024	0,303
CHR7	15549576	CHR7:15549576	SSF x Far_LoA	-11,413	0,039	0,284
CHR7	15549599	CHR7:15549599	SSF x Far_LoA	-9,245	0,108	0,296
CHR7	15549609	CHR7:15549609	SSF x Far_LoA	-10,488	-0,074	0,296
CHR7	15568804	CHR7:15568804	SSF x Far_LoA	-7,849	-0,065	0,315
CHR7	15573178	CHR7:15573178	SSF x Far_LoA	-10,433	-0,162	0,286
CHR7	15573275	CHR7:15573275	SSF x Far_LoA	-9,254	-0,008	0,291
CHR7	15573289	CHR7:15573289	SSF x Far_LoA	-8,146	0,029	0,274
CHR7	15573423	CHR7:15573423	SSF x Far_LoA	-9,570	-0,002	0,292
CHR7	15588186	CHR7:15588186	SSF x Far_LoA	-8,476	-0,177	0,280
CHR7	15588208	CHR7:15588208	SSF x Far_LoA	-8,498	-0,156	0,278
CHR7	15615170	CHR7:15615170	SSF x Far_LoA	-3,675	-0,178	0,301
CHR7	15615346	CHR7:15615346	SSF x Far_LoA	-7,562	0,113	0,298
CHR7	15615360	CHR7:15615360	SSF x Far_LoA	-7,159	-0,139	0,292
CHR7	15615365	CHR7:15615365	SSF x Far_LoA	-8,165	-0,119	0,291
CHR7	15641456	CHR7:15641456	SSF x Far_LoA	-11,474	-0,059	0,289
CHR7	15648724	CHR7:15648724	SSF x Far_LoA	-7,459	-0,121	0,289
CHR7	15648860	CHR7:15648860	SSF x Far_LoA	-7,169	-0,112	0,302
CHR7	15648865	CHR7:15648865	SSF x Far_LoA	-9,069	0,088	0,273
CHR7	15657567	CHR7:15657567	SSF x Far_LoA	-8,689	0,024	0,299
CHR7	15657665	CHR7:15657665	SSF x Far_LoA	-7,146	-0,035	0,303
CHR7	15657730	CHR7:15657730	SSF x Far_LoA	-10,290	-0,084	0,293
CHR7	15686416	CHR7:15686416	SSF x Far_LoA	-11,567	0,047	0,282
CHR7	15686447	CHR7:15686447	SSF x Far_LoA	-11,613	0,138	0,282
CHR7	15686565	CHR7:15686565	SSF x Far_LoA	-9,351	0,090	0,290
CHR7	15686578	CHR7:15686578	SSF x Far_LoA	-11,317	-0,026	0,283
CHR7	15686594	CHR7:15686594	SSF x Far_LoA	-10,717	-0,082	0,276
CHR7	15686606	CHR7:15686606	SSF x Far_LoA	-8,474	0,080	0,292
CHR7	15686607	CHR7:15686607	SSF x Far_LoA	-9,591	0,061	0,301
CHR7	15686613	CHR7:15686613	SSF x Far_LoA	-12,006	-0,012	0,294
CHR7	15686679	CHR7:15686679	SSF x Far_LoA	-4,428	-0,112	0,302
CHR7	15686692	CHR7:15686692	SSF x Far_LoA	-9,845	0,044	0,283
CHR7	15686697	CHR7:15686697	SSF x Far_LoA	-10,679	0,047	0,278
CHR7	15699958	CHR7:15699958	SSF x Far_LoA	-9,579	-0,122	0,306
CHR7	15699959	CHR7:15699959	SSF x Far_LoA	-9,786	-0,097	0,307
CHR7	15700070	CHR7:15700070	SSF x Far_LoA	-6,496	0,095	0,284
CHR7	15700090	CHR7:15700090	SSF x Far_LoA	-9,933	0,052	0,294
CHR7	1570325	CHR7:1570325	SSF x Far_LoA	-8,384	-0,025	0,297
CHR7	1570379	CHR7:1570379	SSF x Far_LoA	-7,926	-0,047	0,301
CHR7	1570410	CHR7:1570410	SSF x Far_LoA	-10,178	0,007	0,294
CHR7	15705931	CHR7:15705931	SSF x Far_LoA	-6,946	-0,158	0,281
CHR7	15714748	CHR7:15714748	SSF x Far_LoA	-5,771	0,088	0,302
CHR7	15734812	CHR7:15734812	SSF x Far_LoA	-10,904	0,032	0,257
CHR7	15734814	CHR7:15734814	SSF x Far_LoA	-10,803	0,060	0,284
CHR7	15735066	CHR7:15735066	SSF x Far_LoA	-8,031	0,100	0,282
CHR7	15735097	CHR7:15735097	SSF x Far_LoA	-11,494	-0,075	0,284
CHR7	15735132	CHR7:15735132	SSF x Far_LoA	-8,190	-0,044	0,292
CHR7	15735157	CHR7:15735157	SSF x Far_LoA	-7,752	0,060	0,303
CHR7	15735196	CHR7:15735196	SSF x Far_LoA	-8,909	0,014	0,295
CHR7	15738912	CHR7:15738912	SSF x Far_LoA	-11,609	0,044	0,279
CHR7	15739060	CHR7:15739060	SSF x Far_LoA	-10,961	0,041	0,290
CHR7	15739095	CHR7:15739095	SSF x Far_LoA	-11,298	0,003	0,282
CHR7	15739097	CHR7:15739097	SSF x Far_LoA	-9,053	0,085	0,297

CHR7	15739122	CHR7:15739122	SSF x Far_LoA	-9,982	0,069	0,282
CHR7	15739213	CHR7:15739213	SSF x Far_LoA	-7,492	0,069	0,296
CHR7	15739246	CHR7:15739246	SSF x Far_LoA	-7,564	-0,057	0,306
CHR7	15739259	CHR7:15739259	SSF x Far_LoA	-10,246	-0,122	0,288
CHR7	1576893	CHR7:1576893	SSF x Far_LoA	-8,261	0,056	0,287
CHR7	1576925	CHR7:1576925	SSF x Far_LoA	-11,003	-0,008	0,302
CHR7	1576927	CHR7:1576927	SSF x Far_LoA	-6,294	-0,095	0,296
CHR7	1576945	CHR7:1576945	SSF x Far_LoA	-8,551	-0,069	0,289
CHR7	1576987	CHR7:1576987	SSF x Far_LoA	-9,687	-0,073	0,284
CHR7	1576998	CHR7:1576998	SSF x Far_LoA	-7,493	-0,028	0,297
CHR7	15771100	CHR7:15771100	SSF x Far_LoA	-7,205	-0,072	0,293
CHR7	15771269	CHR7:15771269	SSF x Far_LoA	-9,358	0,076	0,296
CHR7	15771340	CHR7:15771340	SSF x Far_LoA	-7,126	0,086	0,302
CHR7	15771353	CHR7:15771353	SSF x Far_LoA	-8,972	-0,140	0,283
CHR7	15771390	CHR7:15771390	SSF x Far_LoA	-2,675	-0,148	0,295
CHR7	15796449	CHR7:15796449	SSF x Far_LoA	-11,469	0,070	0,272
CHR7	15796499	CHR7:15796499	SSF x Far_LoA	-11,450	0,028	0,284
CHR7	15796553	CHR7:15796553	SSF x Far_LoA	-11,689	0,060	0,275
CHR7	15796589	CHR7:15796589	SSF x Far_LoA	-12,084	0,060	0,281
CHR7	15796601	CHR7:15796601	SSF x Far_LoA	-11,139	0,107	0,287
CHR7	15798283	CHR7:15798283	SSF x Far_LoA	-10,905	-0,030	0,297
CHR7	15798296	CHR7:15798296	SSF x Far_LoA	-7,296	0,134	0,299
CHR7	15798327	CHR7:15798327	SSF x Far_LoA	-9,237	0,077	0,294
CHR7	15807288	CHR7:15807288	SSF x Far_LoA	-5,615	-0,068	0,294
CHR7	1581307	CHR7:1581307	SSF x Far_LoA	-9,117	-0,001	0,297
CHR7	1581333	CHR7:1581333	SSF x Far_LoA	-9,164	-0,030	0,287
CHR7	15818907	CHR7:15818907	SSF x Far_LoA	-11,648	-0,026	0,291
CHR7	15819722	CHR7:15819722	SSF x Far_LoA	-10,536	-0,030	0,300
CHR7	15819943	CHR7:15819943	SSF x Far_LoA	-9,152	0,030	0,294
CHR7	15819970	CHR7:15819970	SSF x Far_LoA	-9,297	-0,023	0,273
CHR7	15819972	CHR7:15819972	SSF x Far_LoA	-11,187	-0,053	0,286
CHR7	15823091	CHR7:15823091	SSF x Far_LoA	-10,973	0,002	0,294
CHR7	15830442	CHR7:15830442	SSF x Far_LoA	-11,419	0,047	0,277
CHR7	15830454	CHR7:15830454	SSF x Far_LoA	-8,461	-0,015	0,286
CHR7	15830505	CHR7:15830505	SSF x Far_LoA	-9,511	-0,064	0,304
CHR7	15830524	CHR7:15830524	SSF x Far_LoA	-11,551	0,053	0,296
CHR7	15840683	CHR7:15840683	SSF x Far_LoA	-8,013	0,054	0,307
CHR7	15841034	CHR7:15841034	SSF x Far_LoA	-9,507	0,046	0,294
CHR7	15841067	CHR7:15841067	SSF x Far_LoA	-6,786	0,040	0,313
CHR7	15841069	CHR7:15841069	SSF x Far_LoA	-11,387	-0,034	0,292
CHR7	15841072	CHR7:15841072	SSF x Far_LoA	-9,114	-0,015	0,296
CHR7	15841085	CHR7:15841085	SSF x Far_LoA	-9,855	-0,012	0,296
CHR7	15849862	CHR7:15849862	SSF x Far_LoA	-10,497	-0,006	0,272
CHR7	15849973	CHR7:15849973	SSF x Far_LoA	-8,036	0,123	0,272
CHR7	15850047	CHR7:15850047	SSF x Far_LoA	-7,897	-0,002	0,286
CHR7	15850060	CHR7:15850060	SSF x Far_LoA	-8,576	0,015	0,281
CHR7	15850065	CHR7:15850065	SSF x Far_LoA	-7,806	-0,002	0,274
CHR7	15850084	CHR7:15850084	SSF x Far_LoA	-6,914	0,013	0,283
CHR7	15850116	CHR7:15850116	SSF x Far_LoA	-8,912	0,029	0,285
CHR7	15855845	CHR7:15855845	SSF x Far_LoA	-9,514	-0,024	0,289
CHR7	15855985	CHR7:15855985	SSF x Far_LoA	-8,337	-0,021	0,292
CHR7	15856004	CHR7:15856004	SSF x Far_LoA	-8,973	-0,004	0,283
CHR7	15863900	CHR7:15863900	SSF x Far_LoA	-9,376	-0,062	0,314

CHR7	15863957	CHR7:15863957	SSF x Far_LoA	-12,190	-0,032	0,279
CHR7	15864014	CHR7:15864014	SSF x Far_LoA	-8,995	0,073	0,289
CHR7	15864104	CHR7:15864104	SSF x Far_LoA	-10,454	-0,023	0,299
CHR7	15864247	CHR7:15864247	SSF x Far_LoA	-8,632	0,009	0,301
CHR7	15866579	CHR7:15866579	SSF x Far_LoA	-7,523	-0,109	0,287
CHR7	15866597	CHR7:15866597	SSF x Far_LoA	-8,409	-0,110	0,294
CHR7	15866616	CHR7:15866616	SSF x Far_LoA	-11,335	-0,074	0,289
CHR7	15866628	CHR7:15866628	SSF x Far_LoA	-6,615	0,161	0,280
CHR7	15866866	CHR7:15866866	SSF x Far_LoA	-8,731	-0,023	0,299
CHR7	1586914	CHR7:1586914	SSF x Far_LoA	-9,435	-0,081	0,292
CHR7	15880985	CHR7:15880985	SSF x Far_LoA	-12,264	0,070	0,285
CHR7	15881026	CHR7:15881026	SSF x Far_LoA	-10,081	-0,030	0,296
CHR7	15881098	CHR7:15881098	SSF x Far_LoA	-10,539	0,051	0,287
CHR7	15881230	CHR7:15881230	SSF x Far_LoA	-8,203	-0,077	0,300
CHR7	15881289	CHR7:15881289	SSF x Far_LoA	-9,727	-0,027	0,286
CHR7	15894210	CHR7:15894210	SSF x Far_LoA	-9,728	0,042	0,295
CHR7	15894371	CHR7:15894371	SSF x Far_LoA	-8,117	0,103	0,277
CHR7	15894425	CHR7:15894425	SSF x Far_LoA	-9,030	-0,060	0,278
CHR7	15894429	CHR7:15894429	SSF x Far_LoA	-7,067	0,156	0,279
CHR7	15894440	CHR7:15894440	SSF x Far_LoA	-8,728	-0,048	0,269
CHR7	15894588	CHR7:15894588	SSF x Far_LoA	-10,715	-0,017	0,277
CHR7	15894592	CHR7:15894592	SSF x Far_LoA	-9,109	-0,063	0,282
CHR7	15894597	CHR7:15894597	SSF x Far_LoA	-9,621	0,087	0,280
CHR7	15894649	CHR7:15894649	SSF x Far_LoA	-10,282	-0,022	0,286
CHR7	15927162	CHR7:15927162	SSF x Far_LoA	-8,769	0,137	0,289
CHR7	15927174	CHR7:15927174	SSF x Far_LoA	-6,582	-0,154	0,280
CHR7	15937711	CHR7:15937711	SSF x Far_LoA	-6,774	0,123	0,272
CHR7	15937758	CHR7:15937758	SSF x Far_LoA	-7,829	0,139	0,301
CHR7	15937980	CHR7:15937980	SSF x Far_LoA	-5,593	0,166	0,289
CHR7	15937981	CHR7:15937981	SSF x Far_LoA	-6,395	0,164	0,289
CHR7	15944621	CHR7:15944621	SSF x Far_LoA	-9,485	0,085	0,273
CHR7	15944689	CHR7:15944689	SSF x Far_LoA	-11,823	0,060	0,288
CHR7	15944780	CHR7:15944780	SSF x Far_LoA	-10,148	0,041	0,281
CHR7	15944897	CHR7:15944897	SSF x Far_LoA	-9,204	0,003	0,286
CHR7	15944961	CHR7:15944961	SSF x Far_LoA	-11,288	-0,028	0,283
CHR7	15952228	CHR7:15952228	SSF x Far_LoA	-7,187	0,090	0,297
CHR7	15960928	CHR7:15960928	SSF x Far_LoA	-10,494	0,039	0,292
CHR7	15960930	CHR7:15960930	SSF x Far_LoA	-8,310	0,067	0,277
CHR7	15960962	CHR7:15960962	SSF x Far_LoA	-10,829	0,064	0,286
CHR7	15961039	CHR7:15961039	SSF x Far_LoA	-11,397	0,055	0,287
CHR7	15972225	CHR7:15972225	SSF x Far_LoA	-7,998	0,015	0,300
CHR7	15976366	CHR7:15976366	SSF x Far_LoA	-8,600	-0,026	0,292
CHR7	15977721	CHR7:15977721	SSF x Far_LoA	-8,517	-0,024	0,294
CHR7	1598779	CHR7:1598779	SSF x Far_LoA	-8,402	0,004	0,303
CHR7	1598826	CHR7:1598826	SSF x Far_LoA	-10,390	-0,053	0,299
CHR7	15988680	CHR7:15988680	SSF x Far_LoA	-7,925	0,106	0,267
CHR7	15988829	CHR7:15988829	SSF x Far_LoA	-9,931	0,005	0,258
CHR7	15989000	CHR7:15989000	SSF x Far_LoA	-11,619	0,036	0,299
CHR7	15996261	CHR7:15996261	SSF x Far_LoA	-6,164	-0,027	0,299
CHR7	15996440	CHR7:15996440	SSF x Far_LoA	-8,451	-0,113	0,299
CHR7	16024185	CHR7:16024185	SSF x Far_LoA	-9,141	0,064	0,286
CHR7	16024221	CHR7:16024221	SSF x Far_LoA	-7,933	-0,017	0,291
CHR7	16024314	CHR7:16024314	SSF x Far_LoA	-5,555	0,216	0,277

CHR7	16024360	CHR7:16024360	SSF x Far_LoA	-10,451	0,025	0,298
CHR7	16024534	CHR7:16024534	SSF x Far_LoA	-8,884	-0,046	0,304
CHR7	16024559	CHR7:16024559	SSF x Far_LoA	-7,816	-0,005	0,303
CHR7	16044390	CHR7:16044390	SSF x Far_LoA	-6,338	-0,162	0,286
CHR7	16044396	CHR7:16044396	SSF x Far_LoA	-9,843	0,075	0,303
CHR7	16044472	CHR7:16044472	SSF x Far_LoA	-10,506	-0,086	0,285
CHR7	16044476	CHR7:16044476	SSF x Far_LoA	-9,223	-0,070	0,294
CHR7	16044738	CHR7:16044738	SSF x Far_LoA	-9,304	-0,077	0,305
CHR7	16044792	CHR7:16044792	SSF x Far_LoA	-8,848	-0,005	0,287
CHR7	16051462	CHR7:16051462	SSF x Far_LoA	-7,489	-0,124	0,286
CHR7	16051498	CHR7:16051498	SSF x Far_LoA	-8,757	0,088	0,297
CHR7	16051512	CHR7:16051512	SSF x Far_LoA	-8,844	0,092	0,267
CHR7	16051515	CHR7:16051515	SSF x Far_LoA	-5,916	-0,175	0,283
CHR7	16051524	CHR7:16051524	SSF x Far_LoA	-7,688	0,089	0,266
CHR7	16078839	CHR7:16078839	SSF x Far_LoA	-10,483	0,104	0,286
CHR7	16078854	CHR7:16078854	SSF x Far_LoA	-9,238	0,065	0,297
CHR7	16078891	CHR7:16078891	SSF x Far_LoA	-8,958	-0,074	0,294
CHR7	16078934	CHR7:16078934	SSF x Far_LoA	-10,404	-0,064	0,286
CHR7	16079174	CHR7:16079174	SSF x Far_LoA	-9,388	-0,030	0,271
CHR7	16079196	CHR7:16079196	SSF x Far_LoA	-9,039	-0,062	0,292
CHR7	16080073	CHR7:16080073	SSF x Far_LoA	-10,578	-0,066	0,314
CHR7	16080105	CHR7:16080105	SSF x Far_LoA	-7,736	-0,110	0,292
CHR7	16080195	CHR7:16080195	SSF x Far_LoA	-9,629	-0,109	0,278
CHR7	16080244	CHR7:16080244	SSF x Far_LoA	-11,381	0,026	0,301
CHR7	16080252	CHR7:16080252	SSF x Far_LoA	-10,573	0,005	0,291
CHR7	16080264	CHR7:16080264	SSF x Far_LoA	-12,016	0,008	0,293
CHR7	16080278	CHR7:16080278	SSF x Far_LoA	-9,118	0,042	0,297
CHR7	16080288	CHR7:16080288	SSF x Far_LoA	-11,181	0,091	0,281
CHR7	16080306	CHR7:16080306	SSF x Far_LoA	-9,172	-0,007	0,289
CHR7	16080308	CHR7:16080308	SSF x Far_LoA	-11,702	0,017	0,284
CHR7	16081909	CHR7:16081909	SSF x Far_LoA	-11,422	-0,024	0,293
CHR7	16081934	CHR7:16081934	SSF x Far_LoA	-10,029	0,027	0,273
CHR7	16082015	CHR7:16082015	SSF x Far_LoA	-10,485	0,023	0,295
CHR7	16091148	CHR7:16091148	SSF x Far_LoA	-7,960	0,199	0,288
CHR7	16091214	CHR7:16091214	SSF x Far_LoA	-5,653	0,196	0,271
CHR7	16091293	CHR7:16091293	SSF x Far_LoA	-9,489	-0,073	0,285
CHR7	16091354	CHR7:16091354	SSF x Far_LoA	-10,218	-0,063	0,289
CHR7	16091459	CHR7:16091459	SSF x Far_LoA	-3,277	-0,010	0,298
CHR7	16091461	CHR7:16091461	SSF x Far_LoA	-7,784	-0,011	0,300
CHR7	16095898	CHR7:16095898	SSF x Far_LoA	-9,301	0,013	0,272
CHR7	16095907	CHR7:16095907	SSF x Far_LoA	-11,930	0,001	0,296
CHR7	16096225	CHR7:16096225	SSF x Far_LoA	-12,127	0,049	0,290
CHR7	16105094	CHR7:16105094	SSF x Far_LoA	-11,155	0,015	0,293
CHR7	16105169	CHR7:16105169	SSF x Far_LoA	-9,002	0,010	0,309
CHR7	16105250	CHR7:16105250	SSF x Far_LoA	-10,296	0,122	0,272
CHR7	16105333	CHR7:16105333	SSF x Far_LoA	-10,207	-0,027	0,294
CHR7	16105351	CHR7:16105351	SSF x Far_LoA	-8,169	-0,010	0,295
CHR7	16105403	CHR7:16105403	SSF x Far_LoA	-7,664	-0,089	0,294
CHR7	16133490	CHR7:16133490	SSF x Far_LoA	-10,925	-0,044	0,302
CHR7	16133510	CHR7:16133510	SSF x Far_LoA	-10,034	0,003	0,294
CHR7	1614013	CHR7:1614013	SSF x Far_LoA	-11,407	0,141	0,282
CHR7	16140487	CHR7:16140487	SSF x Far_LoA	-10,393	-0,102	0,291
CHR7	16140505	CHR7:16140505	SSF x Far_LoA	-9,495	0,056	0,271

CHR7	16140508	CHR7:16140508	SSF x Far_LoA	-9,999	-0,139	0,281
CHR7	16140557	CHR7:16140557	SSF x Far_LoA	-7,967	-0,075	0,306
CHR7	16140685	CHR7:16140685	SSF x Far_LoA	-8,443	-0,093	0,295
CHR7	16143094	CHR7:16143094	SSF x Far_LoA	-9,333	-0,082	0,282
CHR7	16143119	CHR7:16143119	SSF x Far_LoA	-9,194	0,003	0,271
CHR7	16143126	CHR7:16143126	SSF x Far_LoA	-9,471	-0,153	0,262
CHR7	16143161	CHR7:16143161	SSF x Far_LoA	-9,766	-0,104	0,281
CHR7	16143281	CHR7:16143281	SSF x Far_LoA	-11,070	0,088	0,291
CHR7	16143295	CHR7:16143295	SSF x Far_LoA	-6,410	-0,123	0,283
CHR7	16143333	CHR7:16143333	SSF x Far_LoA	-10,754	0,019	0,277
CHR7	16143358	CHR7:16143358	SSF x Far_LoA	-11,118	0,035	0,283
CHR7	16161167	CHR7:16161167	SSF x Far_LoA	-10,997	0,048	0,299
CHR7	16161301	CHR7:16161301	SSF x Far_LoA	-9,768	-0,079	0,282
CHR7	16163755	CHR7:16163755	SSF x Far_LoA	-8,170	-0,107	0,291
CHR7	16179070	CHR7:16179070	SSF x Far_LoA	-10,325	-0,043	0,287
CHR7	16179077	CHR7:16179077	SSF x Far_LoA	-9,884	0,014	0,288
CHR7	16179082	CHR7:16179082	SSF x Far_LoA	-6,021	0,069	0,300
CHR7	16179134	CHR7:16179134	SSF x Far_LoA	-8,893	0,074	0,273
CHR7	16179180	CHR7:16179180	SSF x Far_LoA	-7,599	-0,030	0,311
CHR7	16179217	CHR7:16179217	SSF x Far_LoA	-9,167	-0,013	0,290
CHR7	16179226	CHR7:16179226	SSF x Far_LoA	-7,998	-0,057	0,290
CHR7	16179233	CHR7:16179233	SSF x Far_LoA	-7,780	-0,081	0,295
CHR7	16204298	CHR7:16204298	SSF x Far_LoA	-10,667	0,041	0,296
CHR7	16219640	CHR7:16219640	SSF x Far_LoA	-9,896	-0,020	0,293
CHR7	16220452	CHR7:16220452	SSF x Far_LoA	-6,145	-0,145	0,293
CHR7	16221856	CHR7:16221856	SSF x Far_LoA	-11,513	0,018	0,309
CHR7	16221986	CHR7:16221986	SSF x Far_LoA	-9,238	0,139	0,291
CHR7	16222028	CHR7:16222028	SSF x Far_LoA	-8,207	0,072	0,289
CHR7	16238758	CHR7:16238758	SSF x Far_LoA	-0,153	0,051	0,292
CHR7	16238786	CHR7:16238786	SSF x Far_LoA	-9,494	-0,051	0,282
CHR7	16244294	CHR7:16244294	SSF x Far_LoA	-9,818	0,008	0,286
CHR7	16244486	CHR7:16244486	SSF x Far_LoA	6,582	0,180	0,281
CHR7	16253297	CHR7:16253297	SSF x Far_LoA	-10,604	-0,024	0,294
CHR7	16253321	CHR7:16253321	SSF x Far_LoA	-9,443	0,041	0,304
CHR7	16253359	CHR7:16253359	SSF x Far_LoA	-1,048	-0,237	0,275
CHR7	16253404	CHR7:16253404	SSF x Far_LoA	-8,361	-0,150	0,281
CHR7	16266409	CHR7:16266409	SSF x Far_LoA	-6,303	0,114	0,264
CHR7	16266491	CHR7:16266491	SSF x Far_LoA	-3,685	-0,080	0,284
CHR7	16266523	CHR7:16266523	SSF x Far_LoA	-9,066	0,079	0,267
CHR7	16266527	CHR7:16266527	SSF x Far_LoA	-8,669	-0,023	0,300
CHR7	16266536	CHR7:16266536	SSF x Far_LoA	-7,069	0,064	0,277
CHR7	16272722	CHR7:16272722	SSF x Far_LoA	-10,143	0,112	0,291
CHR7	16272770	CHR7:16272770	SSF x Far_LoA	-4,591	0,086	0,294
CHR7	16272806	CHR7:16272806	SSF x Far_LoA	-8,342	0,000	0,300
CHR7	16279330	CHR7:16279330	SSF x Far_LoA	-9,888	0,142	0,275
CHR7	16279359	CHR7:16279359	SSF x Far_LoA	-11,249	0,028	0,281
CHR7	16279360	CHR7:16279360	SSF x Far_LoA	-10,961	0,034	0,287
CHR7	16279367	CHR7:16279367	SSF x Far_LoA	-12,073	0,000	0,295
CHR7	16280099	CHR7:16280099	SSF x Far_LoA	-8,272	-0,086	0,311
CHR7	16280275	CHR7:16280275	SSF x Far_LoA	-10,565	-0,046	0,292
CHR7	16322363	CHR7:16322363	SSF x Far_LoA	-8,707	0,068	0,306
CHR7	16324361	CHR7:16324361	SSF x Far_LoA	-8,615	0,043	0,275
CHR7	16324716	CHR7:16324716	SSF x Far_LoA	-6,449	-0,148	0,287

CHR7	16419769	CHR7:16419769	SSF x Far_LoA	-9,990	0,171	0,266
CHR7	16419898	CHR7:16419898	SSF x Far_LoA	-9,963	-0,034	0,298
CHR7	16426590	CHR7:16426590	SSF x Far_LoA	-9,913	0,022	0,288
CHR7	16426616	CHR7:16426616	SSF x Far_LoA	-11,680	0,060	0,275
CHR7	16426784	CHR7:16426784	SSF x Far_LoA	-9,623	0,028	0,289
CHR7	16456996	CHR7:16456996	SSF x Far_LoA	-10,737	-0,034	0,289
CHR7	16457037	CHR7:16457037	SSF x Far_LoA	-6,084	-0,102	0,273
CHR7	16459574	CHR7:16459574	SSF x Far_LoA	-8,181	0,079	0,290
CHR7	16459763	CHR7:16459763	SSF x Far_LoA	-9,521	0,001	0,296
CHR7	16462048	CHR7:16462048	SSF x Far_LoA	-7,651	-0,016	0,286
CHR7	16462093	CHR7:16462093	SSF x Far_LoA	-8,448	0,036	0,304
CHR7	16480259	CHR7:16480259	SSF x Far_LoA	-8,794	0,033	0,299
CHR7	16515431	CHR7:16515431	SSF x Far_LoA	-11,546	0,022	0,288
CHR7	16515491	CHR7:16515491	SSF x Far_LoA	-7,860	-0,069	0,290
CHR7	16515575	CHR7:16515575	SSF x Far_LoA	-10,067	0,010	0,298
CHR7	16515859	CHR7:16515859	SSF x Far_LoA	-6,181	-0,100	0,285
CHR7	16523972	CHR7:16523972	SSF x Far_LoA	-6,091	0,136	0,278
CHR7	16523979	CHR7:16523979	SSF x Far_LoA	-9,548	0,061	0,286
CHR7	16524040	CHR7:16524040	SSF x Far_LoA	-3,992	0,171	0,277
CHR7	16524043	CHR7:16524043	SSF x Far_LoA	-7,993	-0,152	0,281
CHR7	16532827	CHR7:16532827	SSF x Far_LoA	-11,486	0,047	0,270
CHR7	16532908	CHR7:16532908	SSF x Far_LoA	-5,832	0,053	0,307
CHR7	16533147	CHR7:16533147	SSF x Far_LoA	-11,372	0,018	0,282
CHR7	16548080	CHR7:16548080	SSF x Far_LoA	-10,265	-0,050	0,289
CHR7	16548087	CHR7:16548087	SSF x Far_LoA	-7,412	-0,028	0,301
CHR7	16548117	CHR7:16548117	SSF x Far_LoA	-7,725	-0,096	0,285
CHR7	16548120	CHR7:16548120	SSF x Far_LoA	-6,768	-0,146	0,286
CHR7	16548186	CHR7:16548186	SSF x Far_LoA	-11,155	-0,068	0,296
CHR7	16548220	CHR7:16548220	SSF x Far_LoA	-11,598	0,023	0,281
CHR7	16548242	CHR7:16548242	SSF x Far_LoA	-9,108	0,039	0,287
CHR7	16548300	CHR7:16548300	SSF x Far_LoA	-8,074	-0,002	0,286
CHR7	16548324	CHR7:16548324	SSF x Far_LoA	-11,669	0,042	0,289
CHR7	16548395	CHR7:16548395	SSF x Far_LoA	-6,952	0,112	0,280
CHR7	16552595	CHR7:16552595	SSF x Far_LoA	-5,421	0,217	0,275
CHR7	16552730	CHR7:16552730	SSF x Far_LoA	-9,298	-0,005	0,287
CHR7	16552776	CHR7:16552776	SSF x Far_LoA	-11,634	-0,001	0,289
CHR7	16552780	CHR7:16552780	SSF x Far_LoA	1,372	0,171	0,281
CHR7	16552889	CHR7:16552889	SSF x Far_LoA	-5,264	-0,144	0,306
CHR7	16552984	CHR7:16552984	SSF x Far_LoA	-9,786	-0,110	0,288
CHR7	16552991	CHR7:16552991	SSF x Far_LoA	-9,358	-0,070	0,295
CHR7	16590946	CHR7:16590946	SSF x Far_LoA	-9,506	0,070	0,284
CHR7	16591029	CHR7:16591029	SSF x Far_LoA	-8,103	-0,028	0,302
CHR7	16591939	CHR7:16591939	SSF x Far_LoA	-9,906	0,032	0,291
CHR7	16591993	CHR7:16591993	SSF x Far_LoA	-11,357	-0,097	0,281
CHR7	16593099	CHR7:16593099	SSF x Far_LoA	-9,297	0,039	0,303
CHR7	16593192	CHR7:16593192	SSF x Far_LoA	-9,266	0,108	0,284
CHR7	16593298	CHR7:16593298	SSF x Far_LoA	-5,398	0,068	0,290
CHR7	16593386	CHR7:16593386	SSF x Far_LoA	-8,310	0,008	0,291
CHR7	16593389	CHR7:16593389	SSF x Far_LoA	-7,860	-0,017	0,305
CHR7	16615524	CHR7:16615524	SSF x Far_LoA	-9,663	-0,042	0,296
CHR7	16615768	CHR7:16615768	SSF x Far_LoA	-11,162	0,065	0,291
CHR7	16615782	CHR7:16615782	SSF x Far_LoA	-8,783	0,051	0,294
CHR7	16622909	CHR7:16622909	SSF x Far_LoA	-10,639	0,037	0,285

CHR7	16635676	CHR7:16635676	SSF x Far_LoA	-10,557	0,064	0,288
CHR7	16635684	CHR7:16635684	SSF x Far_LoA	-8,976	-0,012	0,300
CHR7	16635808	CHR7:16635808	SSF x Far_LoA	-9,621	-0,019	0,275
CHR7	16635932	CHR7:16635932	SSF x Far_LoA	-1,613	-0,056	0,308
CHR7	16636031	CHR7:16636031	SSF x Far_LoA	-9,944	-0,040	0,302
CHR7	16636074	CHR7:16636074	SSF x Far_LoA	-7,863	-0,031	0,282
CHR7	16636086	CHR7:16636086	SSF x Far_LoA	-8,133	-0,097	0,299
CHR7	16643757	CHR7:16643757	SSF x Far_LoA	-9,910	0,084	0,297
CHR7	16643799	CHR7:16643799	SSF x Far_LoA	-2,308	0,007	0,291
CHR7	16643899	CHR7:16643899	SSF x Far_LoA	-8,125	-0,079	0,299
CHR7	16643901	CHR7:16643901	SSF x Far_LoA	-8,390	-0,081	0,291
CHR7	16643997	CHR7:16643997	SSF x Far_LoA	-10,725	-0,127	0,306
CHR7	16644014	CHR7:16644014	SSF x Far_LoA	-10,728	0,017	0,290
CHR7	16644029	CHR7:16644029	SSF x Far_LoA	-8,938	-0,008	0,300
CHR7	16644168	CHR7:16644168	SSF x Far_LoA	-9,826	0,013	0,291
CHR7	16650780	CHR7:16650780	SSF x Far_LoA	-8,509	0,099	0,282
CHR7	16650783	CHR7:16650783	SSF x Far_LoA	-8,270	0,167	0,282
CHR7	16650810	CHR7:16650810	SSF x Far_LoA	-4,364	-0,023	0,294
CHR7	16650874	CHR7:16650874	SSF x Far_LoA	-9,651	-0,038	0,284
CHR7	16650880	CHR7:16650880	SSF x Far_LoA	-10,121	-0,062	0,295
CHR7	16650899	CHR7:16650899	SSF x Far_LoA	-7,017	-0,075	0,269
CHR7	16650906	CHR7:16650906	SSF x Far_LoA	-10,500	-0,125	0,299
CHR7	16650919	CHR7:16650919	SSF x Far_LoA	-4,188	0,159	0,280
CHR7	16650932	CHR7:16650932	SSF x Far_LoA	-7,948	0,147	0,302
CHR7	16650984	CHR7:16650984	SSF x Far_LoA	-9,273	0,096	0,289
CHR7	16655997	CHR7:16655997	SSF x Far_LoA	-11,530	-0,060	0,293
CHR7	16656110	CHR7:16656110	SSF x Far_LoA	-8,025	0,063	0,294
CHR7	16656349	CHR7:16656349	SSF x Far_LoA	-10,835	-0,112	0,291
CHR7	16656366	CHR7:16656366	SSF x Far_LoA	-7,411	0,136	0,288
CHR7	16666923	CHR7:16666923	SSF x Far_LoA	-11,945	-0,011	0,274
CHR7	16667024	CHR7:16667024	SSF x Far_LoA	-7,707	-0,108	0,294
CHR7	16667060	CHR7:16667060	SSF x Far_LoA	-6,492	0,195	0,275
CHR7	16667061	CHR7:16667061	SSF x Far_LoA	-10,319	-0,071	0,294
CHR7	16667103	CHR7:16667103	SSF x Far_LoA	-2,849	0,183	0,270
CHR7	16680400	CHR7:16680400	SSF x Far_LoA	-7,271	0,030	0,306
CHR7	16680701	CHR7:16680701	SSF x Far_LoA	-8,625	0,063	0,302
CHR7	16680750	CHR7:16680750	SSF x Far_LoA	-8,099	-0,015	0,297
CHR7	16740144	CHR7:16740144	SSF x Far_LoA	-3,969	-0,016	0,299
CHR7	16740460	CHR7:16740460	SSF x Far_LoA	-10,851	-0,022	0,291
CHR7	16744712	CHR7:16744712	SSF x Far_LoA	-10,009	-0,006	0,281
CHR7	16744729	CHR7:16744729	SSF x Far_LoA	-9,087	-0,014	0,278
CHR7	16744739	CHR7:16744739	SSF x Far_LoA	-10,664	-0,094	0,293
CHR7	16744902	CHR7:16744902	SSF x Far_LoA	-10,259	-0,007	0,289
CHR7	1674546	CHR7:1674546	SSF x Far_LoA	-5,320	-0,153	0,288
CHR7	16746113	CHR7:16746113	SSF x Far_LoA	-9,449	0,049	0,298
CHR7	16746136	CHR7:16746136	SSF x Far_LoA	-8,941	0,028	0,290
CHR7	16746160	CHR7:16746160	SSF x Far_LoA	-7,267	0,066	0,298
CHR7	16746228	CHR7:16746228	SSF x Far_LoA	-9,447	0,037	0,271
CHR7	16746229	CHR7:16746229	SSF x Far_LoA	-8,901	0,083	0,302
CHR7	16779590	CHR7:16779590	SSF x Far_LoA	-8,423	-0,095	0,280
CHR7	16779622	CHR7:16779622	SSF x Far_LoA	-7,973	-0,108	0,283
CHR7	16779972	CHR7:16779972	SSF x Far_LoA	-6,600	-0,098	0,300
CHR7	16784135	CHR7:16784135	SSF x Far_LoA	-9,366	0,051	0,289

CHR7	16790211	CHR7:16790211	SSF x Far_LoA	-10,508	-0,037	0,288
CHR7	16790249	CHR7:16790249	SSF x Far_LoA	-8,698	0,014	0,277
CHR7	16790287	CHR7:16790287	SSF x Far_LoA	-9,059	-0,092	0,302
CHR7	16790292	CHR7:16790292	SSF x Far_LoA	-9,446	-0,090	0,287
CHR7	16790330	CHR7:16790330	SSF x Far_LoA	-10,063	-0,072	0,306
CHR7	16790379	CHR7:16790379	SSF x Far_LoA	-7,752	-0,004	0,280
CHR7	16796675	CHR7:16796675	SSF x Far_LoA	-10,793	0,076	0,283
CHR7	16801409	CHR7:16801409	SSF x Far_LoA	-7,530	-0,055	0,292
CHR7	1681593	CHR7:1681593	SSF x Far_LoA	-7,668	0,082	0,295
CHR7	1681622	CHR7:1681622	SSF x Far_LoA	-6,155	0,117	0,257
CHR7	1681634	CHR7:1681634	SSF x Far_LoA	-8,590	0,075	0,293
CHR7	16835486	CHR7:16835486	SSF x Far_LoA	-9,637	-0,082	0,288
CHR7	16835684	CHR7:16835684	SSF x Far_LoA	-10,820	-0,004	0,280
CHR7	16839130	CHR7:16839130	SSF x Far_LoA	-9,689	0,007	0,302
CHR7	1684098	CHR7:1684098	SSF x Far_LoA	-10,537	-0,011	0,295
CHR7	1684139	CHR7:1684139	SSF x Far_LoA	-7,304	0,026	0,307
CHR7	1684140	CHR7:1684140	SSF x Far_LoA	-9,209	0,060	0,301
CHR7	1684156	CHR7:1684156	SSF x Far_LoA	-7,928	-0,034	0,292
CHR7	1684287	CHR7:1684287	SSF x Far_LoA	-10,338	0,044	0,287
CHR7	16851760	CHR7:16851760	SSF x Far_LoA	-11,124	0,017	0,280
CHR7	16851800	CHR7:16851800	SSF x Far_LoA	-7,892	0,071	0,306
CHR7	16851884	CHR7:16851884	SSF x Far_LoA	-10,451	-0,051	0,288
CHR7	16851901	CHR7:16851901	SSF x Far_LoA	-3,215	-0,198	0,294
CHR7	16851958	CHR7:16851958	SSF x Far_LoA	-1,557	-0,173	0,270
CHR7	16851964	CHR7:16851964	SSF x Far_LoA	-7,323	0,081	0,298
CHR7	16852027	CHR7:16852027	SSF x Far_LoA	-7,406	-0,090	0,297
CHR7	16855783	CHR7:16855783	SSF x Far_LoA	-9,480	-0,026	0,291
CHR7	16865458	CHR7:16865458	SSF x Far_LoA	-8,334	-0,064	0,273
CHR7	16865623	CHR7:16865623	SSF x Far_LoA	-8,787	0,002	0,293
CHR7	16867110	CHR7:16867110	SSF x Far_LoA	-9,627	-0,062	0,301
CHR7	16867119	CHR7:16867119	SSF x Far_LoA	2,029	-0,075	0,289
CHR7	16867129	CHR7:16867129	SSF x Far_LoA	-12,237	0,062	0,288
CHR7	16867169	CHR7:16867169	SSF x Far_LoA	-8,665	0,093	0,279
CHR7	16868635	CHR7:16868635	SSF x Far_LoA	-9,270	-0,071	0,287
CHR7	16868760	CHR7:16868760	SSF x Far_LoA	4,691	-0,016	0,290
CHR7	16870438	CHR7:16870438	SSF x Far_LoA	-9,180	-0,107	0,268
CHR7	16870446	CHR7:16870446	SSF x Far_LoA	-7,585	-0,118	0,265
CHR7	16870470	CHR7:16870470	SSF x Far_LoA	-8,536	-0,053	0,292
CHR7	16870472	CHR7:16870472	SSF x Far_LoA	-10,213	-0,008	0,297
CHR7	16870475	CHR7:16870475	SSF x Far_LoA	-6,898	-0,151	0,281
CHR7	16879468	CHR7:16879468	SSF x Far_LoA	-11,668	0,017	0,297
CHR7	16879639	CHR7:16879639	SSF x Far_LoA	-11,292	0,017	0,293
CHR7	16879714	CHR7:16879714	SSF x Far_LoA	-11,533	-0,060	0,288
CHR7	16881545	CHR7:16881545	SSF x Far_LoA	-11,320	0,015	0,296
CHR7	16881577	CHR7:16881577	SSF x Far_LoA	-9,358	-0,040	0,303
CHR7	16881651	CHR7:16881651	SSF x Far_LoA	-10,579	-0,063	0,273
CHR7	16884880	CHR7:16884880	SSF x Far_LoA	-8,539	-0,047	0,292
CHR7	16884896	CHR7:16884896	SSF x Far_LoA	-7,173	0,006	0,299
CHR7	16885004	CHR7:16885004	SSF x Far_LoA	-8,313	-0,119	0,276
CHR7	16885005	CHR7:16885005	SSF x Far_LoA	-8,198	0,164	0,294
CHR7	16885075	CHR7:16885075	SSF x Far_LoA	-7,095	-0,137	0,287
CHR7	16885076	CHR7:16885076	SSF x Far_LoA	-9,277	-0,080	0,294
CHR7	16886676	CHR7:16886676	SSF x Far_LoA	-8,432	-0,034	0,277

CHR7	16886776	CHR7:16886776	SSF x Far_LoA	-10,070	-0,078	0,278
CHR7	16886886	CHR7:16886886	SSF x Far_LoA	-11,222	0,018	0,293
CHR7	16895421	CHR7:16895421	SSF x Far_LoA	-9,050	0,160	0,281
CHR7	16895540	CHR7:16895540	SSF x Far_LoA	-7,927	0,055	0,280
CHR7	16895648	CHR7:16895648	SSF x Far_LoA	-11,188	0,085	0,294
CHR7	16898319	CHR7:16898319	SSF x Far_LoA	-9,763	0,160	0,295
CHR7	16898423	CHR7:16898423	SSF x Far_LoA	-11,747	0,009	0,289
CHR7	16901866	CHR7:16901866	SSF x Far_LoA	-7,006	0,039	0,278
CHR7	16901979	CHR7:16901979	SSF x Far_LoA	-8,255	-0,065	0,294
CHR7	16902040	CHR7:16902040	SSF x Far_LoA	-10,040	0,073	0,290
CHR7	16902358	CHR7:16902358	SSF x Far_LoA	-10,332	-0,111	0,273
CHR7	16902365	CHR7:16902365	SSF x Far_LoA	-11,105	0,066	0,278
CHR7	16905234	CHR7:16905234	SSF x Far_LoA	-9,142	0,016	0,288
CHR7	16905245	CHR7:16905245	SSF x Far_LoA	-10,373	-0,050	0,300
CHR7	16905316	CHR7:16905316	SSF x Far_LoA	-8,243	0,111	0,271
CHR7	16908868	CHR7:16908868	SSF x Far_LoA	-8,784	-0,060	0,294
CHR7	16908892	CHR7:16908892	SSF x Far_LoA	-8,835	0,033	0,304
CHR7	16908915	CHR7:16908915	SSF x Far_LoA	-10,315	0,015	0,298
CHR7	16908968	CHR7:16908968	SSF x Far_LoA	-10,039	-0,020	0,297
CHR7	16908995	CHR7:16908995	SSF x Far_LoA	-8,777	-0,047	0,294
CHR7	16909076	CHR7:16909076	SSF x Far_LoA	-10,835	-0,013	0,281
CHR7	16930322	CHR7:16930322	SSF x Far_LoA	-9,576	-0,121	0,293
CHR7	16930360	CHR7:16930360	SSF x Far_LoA	-7,453	-0,042	0,305
CHR7	16940279	CHR7:16940279	SSF x Far_LoA	-7,324	0,131	0,293
CHR7	16940458	CHR7:16940458	SSF x Far_LoA	-7,655	0,068	0,293
CHR7	16942691	CHR7:16942691	SSF x Far_LoA	-10,915	-0,097	0,293
CHR7	16943032	CHR7:16943032	SSF x Far_LoA	-10,368	-0,130	0,283
CHR7	16943103	CHR7:16943103	SSF x Far_LoA	-6,048	0,014	0,301
CHR7	16954289	CHR7:16954289	SSF x Far_LoA	-8,520	-0,014	0,280
CHR7	16954307	CHR7:16954307	SSF x Far_LoA	-12,571	0,028	0,295
CHR7	16954361	CHR7:16954361	SSF x Far_LoA	-10,309	-0,068	0,291
CHR7	16954362	CHR7:16954362	SSF x Far_LoA	-11,212	-0,071	0,282
CHR7	16969106	CHR7:16969106	SSF x Far_LoA	-8,257	-0,114	0,296
CHR7	16969118	CHR7:16969118	SSF x Far_LoA	-8,869	0,040	0,288
CHR7	1697169	CHR7:1697169	SSF x Far_LoA	-10,000	-0,004	0,291
CHR7	16989253	CHR7:16989253	SSF x Far_LoA	-9,259	-0,131	0,272
CHR7	16994470	CHR7:16994470	SSF x Far_LoA	-7,272	0,051	0,281
CHR7	1699631	CHR7:1699631	SSF x Far_LoA	-10,056	-0,060	0,289
CHR7	1699809	CHR7:1699809	SSF x Far_LoA	-9,235	0,000	0,292
CHR7	1700931	CHR7:1700931	SSF x Far_LoA	-10,100	-0,005	0,292
CHR7	1700940	CHR7:1700940	SSF x Far_LoA	-8,989	0,046	0,270
CHR7	17016581	CHR7:17016581	SSF x Far_LoA	-8,355	-0,115	0,289
CHR7	17016679	CHR7:17016679	SSF x Far_LoA	-10,619	0,018	0,292
CHR7	17016784	CHR7:17016784	SSF x Far_LoA	-6,148	-0,043	0,287
CHR7	17016904	CHR7:17016904	SSF x Far_LoA	-10,133	-0,017	0,279
CHR7	17031591	CHR7:17031591	SSF x Far_LoA	-11,341	-0,019	0,286
CHR7	17041284	CHR7:17041284	SSF x Far_LoA	-3,698	-0,075	0,302
CHR7	17041366	CHR7:17041366	SSF x Far_LoA	-9,460	-0,083	0,291
CHR7	17041432	CHR7:17041432	SSF x Far_LoA	-8,225	-0,163	0,277
CHR7	17041481	CHR7:17041481	SSF x Far_LoA	-10,719	0,046	0,300
CHR7	17041509	CHR7:17041509	SSF x Far_LoA	-7,179	0,171	0,283
CHR7	17041531	CHR7:17041531	SSF x Far_LoA	14,858	0,232	0,266
CHR7	17041540	CHR7:17041540	SSF x Far_LoA	-7,219	-0,092	0,284

CHR7	17041687	CHR7:17041687	SSF x Far_LoA	-9,620	-0,047	0,300
CHR7	17046011	CHR7:17046011	SSF x Far_LoA	-8,899	0,143	0,287
CHR7	17046160	CHR7:17046160	SSF x Far_LoA	-9,723	-0,012	0,285
CHR7	17046181	CHR7:17046181	SSF x Far_LoA	-7,216	-0,175	0,292
CHR7	17046216	CHR7:17046216	SSF x Far_LoA	-9,923	-0,108	0,274
CHR7	17046222	CHR7:17046222	SSF x Far_LoA	-10,320	-0,035	0,298
CHR7	17059224	CHR7:17059224	SSF x Far_LoA	-9,716	0,058	0,285
CHR7	17059394	CHR7:17059394	SSF x Far_LoA	-9,144	0,005	0,310
CHR7	17059456	CHR7:17059456	SSF x Far_LoA	-8,847	0,051	0,287
CHR7	17059537	CHR7:17059537	SSF x Far_LoA	-8,535	0,030	0,285
CHR7	17059594	CHR7:17059594	SSF x Far_LoA	-10,432	0,026	0,300
CHR7	17063955	CHR7:17063955	SSF x Far_LoA	-10,007	-0,044	0,293
CHR7	17064006	CHR7:17064006	SSF x Far_LoA	-7,447	0,096	0,290
CHR7	17064035	CHR7:17064035	SSF x Far_LoA	-9,192	-0,008	0,285
CHR7	17064197	CHR7:17064197	SSF x Far_LoA	-9,926	-0,063	0,289
CHR7	17064715	CHR7:17064715	SSF x Far_LoA	-7,861	-0,040	0,298
CHR7	17093018	CHR7:17093018	SSF x Far_LoA	-11,086	0,067	0,282
CHR7	17093067	CHR7:17093067	SSF x Far_LoA	-8,017	0,062	0,299
CHR7	17095554	CHR7:17095554	SSF x Far_LoA	-10,900	-0,071	0,300
CHR7	17095583	CHR7:17095583	SSF x Far_LoA	-10,406	0,044	0,294
CHR7	17095607	CHR7:17095607	SSF x Far_LoA	-10,675	-0,063	0,300
CHR7	17095649	CHR7:17095649	SSF x Far_LoA	-8,869	0,004	0,274
CHR7	17095766	CHR7:17095766	SSF x Far_LoA	-7,955	-0,073	0,272
CHR7	17097565	CHR7:17097565	SSF x Far_LoA	-8,755	-0,015	0,286
CHR7	17097736	CHR7:17097736	SSF x Far_LoA	-9,282	-0,019	0,290
CHR7	17123642	CHR7:17123642	SSF x Far_LoA	-6,263	0,053	0,296
CHR7	17133705	CHR7:17133705	SSF x Far_LoA	-8,587	0,098	0,288
CHR7	17133717	CHR7:17133717	SSF x Far_LoA	-1,781	-0,187	0,276
CHR7	17133728	CHR7:17133728	SSF x Far_LoA	-8,088	-0,069	0,291
CHR7	17133740	CHR7:17133740	SSF x Far_LoA	-8,308	-0,108	0,288
CHR7	17133748	CHR7:17133748	SSF x Far_LoA	-7,248	-0,116	0,285
CHR7	17133757	CHR7:17133757	SSF x Far_LoA	-8,593	-0,088	0,291
CHR7	17133769	CHR7:17133769	SSF x Far_LoA	-6,873	-0,095	0,300
CHR7	17133777	CHR7:17133777	SSF x Far_LoA	-4,910	-0,093	0,291
CHR7	17133821	CHR7:17133821	SSF x Far_LoA	-6,377	-0,110	0,293
CHR7	17133830	CHR7:17133830	SSF x Far_LoA	-6,855	-0,115	0,295
CHR7	17133833	CHR7:17133833	SSF x Far_LoA	-8,907	0,077	0,288
CHR7	17133869	CHR7:17133869	SSF x Far_LoA	-7,329	-0,148	0,276
CHR7	17133889	CHR7:17133889	SSF x Far_LoA	-7,696	-0,060	0,297
CHR7	17138885	CHR7:17138885	SSF x Far_LoA	-10,465	-0,062	0,288
CHR7	17142231	CHR7:17142231	SSF x Far_LoA	-0,434	-0,182	0,293
CHR7	17142452	CHR7:17142452	SSF x Far_LoA	-7,831	0,020	0,275
CHR7	17152038	CHR7:17152038	SSF x Far_LoA	-10,992	0,033	0,299
CHR7	17152176	CHR7:17152176	SSF x Far_LoA	-9,156	0,095	0,287
CHR7	17152188	CHR7:17152188	SSF x Far_LoA	-5,676	0,107	0,299
CHR7	1716091	CHR7:1716091	SSF x Far_LoA	-9,711	0,042	0,298
CHR7	1716238	CHR7:1716238	SSF x Far_LoA	-9,596	-0,071	0,300
CHR7	1716370	CHR7:1716370	SSF x Far_LoA	-8,577	0,125	0,290
CHR7	1716373	CHR7:1716373	SSF x Far_LoA	-9,355	0,120	0,287
CHR7	17167273	CHR7:17167273	SSF x Far_LoA	-9,833	0,010	0,298
CHR7	17167313	CHR7:17167313	SSF x Far_LoA	-9,526	0,042	0,294
CHR7	17167414	CHR7:17167414	SSF x Far_LoA	-10,887	-0,026	0,292
CHR7	17172389	CHR7:17172389	SSF x Far_LoA	-7,546	-0,033	0,301

CHR7	17172449	CHR7:17172449	SSF x Far_LoA	-8,032	-0,111	0,288
CHR7	17172500	CHR7:17172500	SSF x Far_LoA	-8,391	-0,061	0,284
CHR7	17172507	CHR7:17172507	SSF x Far_LoA	-4,892	0,166	0,289
CHR7	17172543	CHR7:17172543	SSF x Far_LoA	-8,045	0,029	0,301
CHR7	17187964	CHR7:17187964	SSF x Far_LoA	-8,509	0,115	0,279
CHR7	17188008	CHR7:17188008	SSF x Far_LoA	-8,738	0,051	0,289
CHR7	1719082	CHR7:1719082	SSF x Far_LoA	-3,929	-0,168	0,300
CHR7	17201885	CHR7:17201885	SSF x Far_LoA	-10,161	0,056	0,288
CHR7	17201903	CHR7:17201903	SSF x Far_LoA	-10,984	-0,023	0,298
CHR7	17201942	CHR7:17201942	SSF x Far_LoA	-6,158	0,041	0,293
CHR7	17218623	CHR7:17218623	SSF x Far_LoA	-9,409	0,089	0,306
CHR7	17218642	CHR7:17218642	SSF x Far_LoA	-9,378	-0,004	0,285
CHR7	17218681	CHR7:17218681	SSF x Far_LoA	-9,625	0,052	0,292
CHR7	1722422	CHR7:1722422	SSF x Far_LoA	-12,384	0,034	0,282
CHR7	1722836	CHR7:1722836	SSF x Far_LoA	-10,460	0,067	0,295
CHR7	17237900	CHR7:17237900	SSF x Far_LoA	-10,891	0,034	0,285
CHR7	17244595	CHR7:17244595	SSF x Far_LoA	-9,749	0,039	0,273
CHR7	17245854	CHR7:17245854	SSF x Far_LoA	-5,017	-0,146	0,310
CHR7	17245855	CHR7:17245855	SSF x Far_LoA	-9,953	0,078	0,283
CHR7	17245895	CHR7:17245895	SSF x Far_LoA	-8,784	0,028	0,320
CHR7	17245971	CHR7:17245971	SSF x Far_LoA	-9,851	-0,031	0,312
CHR7	17245977	CHR7:17245977	SSF x Far_LoA	-9,428	-0,048	0,311
CHR7	17245978	CHR7:17245978	SSF x Far_LoA	-10,020	-0,035	0,308
CHR7	17249594	CHR7:17249594	SSF x Far_LoA	-9,337	0,125	0,293
CHR7	17249833	CHR7:17249833	SSF x Far_LoA	-10,527	-0,036	0,287
CHR7	17249891	CHR7:17249891	SSF x Far_LoA	-11,144	-0,013	0,289
CHR7	17249904	CHR7:17249904	SSF x Far_LoA	-9,699	-0,077	0,298
CHR7	17249972	CHR7:17249972	SSF x Far_LoA	-3,202	0,091	0,291
CHR7	17255009	CHR7:17255009	SSF x Far_LoA	-3,115	-0,181	0,294
CHR7	17255011	CHR7:17255011	SSF x Far_LoA	-8,837	-0,182	0,290
CHR7	17255064	CHR7:17255064	SSF x Far_LoA	-8,465	-0,061	0,276
CHR7	17255647	CHR7:17255647	SSF x Far_LoA	-7,997	0,130	0,271
CHR7	1725835	CHR7:1725835	SSF x Far_LoA	-10,608	-0,128	0,283
CHR7	1725836	CHR7:1725836	SSF x Far_LoA	-8,212	-0,008	0,299
CHR7	1725850	CHR7:1725850	SSF x Far_LoA	-6,468	0,018	0,268
CHR7	1725859	CHR7:1725859	SSF x Far_LoA	-4,283	0,054	0,286
CHR7	1725911	CHR7:1725911	SSF x Far_LoA	-8,827	0,037	0,307
CHR7	1726015	CHR7:1726015	SSF x Far_LoA	-1,142	-0,136	0,290
CHR7	17266672	CHR7:17266672	SSF x Far_LoA	-11,394	0,071	0,273
CHR7	17266789	CHR7:17266789	SSF x Far_LoA	-7,125	-0,077	0,301
CHR7	17266901	CHR7:17266901	SSF x Far_LoA	-10,344	-0,080	0,289
CHR7	17266933	CHR7:17266933	SSF x Far_LoA	-9,224	-0,075	0,297
CHR7	17268136	CHR7:17268136	SSF x Far_LoA	-10,385	0,047	0,285
CHR7	17268185	CHR7:17268185	SSF x Far_LoA	-9,383	-0,042	0,275
CHR7	17268300	CHR7:17268300	SSF x Far_LoA	-7,129	-0,019	0,291
CHR7	17274018	CHR7:17274018	SSF x Far_LoA	-10,729	0,017	0,298
CHR7	1729546	CHR7:1729546	SSF x Far_LoA	-10,442	-0,082	0,287
CHR7	1729631	CHR7:1729631	SSF x Far_LoA	-8,442	0,106	0,274
CHR7	17305875	CHR7:17305875	SSF x Far_LoA	-8,789	-0,020	0,296
CHR7	17305985	CHR7:17305985	SSF x Far_LoA	-11,339	0,093	0,287
CHR7	17306005	CHR7:17306005	SSF x Far_LoA	-9,450	-0,066	0,273
CHR7	17306067	CHR7:17306067	SSF x Far_LoA	-8,166	-0,025	0,285
CHR7	17306069	CHR7:17306069	SSF x Far_LoA	-11,484	-0,055	0,274

CHR7	17306150	CHR7:17306150	SSF x Far_LoA	-8,312	-0,008	0,295
CHR7	17316652	CHR7:17316652	SSF x Far_LoA	-10,118	-0,082	0,291
CHR7	17316853	CHR7:17316853	SSF x Far_LoA	-7,864	0,058	0,294
CHR7	17317008	CHR7:17317008	SSF x Far_LoA	-9,530	0,099	0,284
CHR7	17320838	CHR7:17320838	SSF x Far_LoA	-10,165	0,047	0,282
CHR7	17320895	CHR7:17320895	SSF x Far_LoA	-5,525	0,133	0,289
CHR7	17321078	CHR7:17321078	SSF x Far_LoA	-9,271	-0,192	0,284
CHR7	1733452	CHR7:1733452	SSF x Far_LoA	-6,889	0,101	0,298
CHR7	1733531	CHR7:1733531	SSF x Far_LoA	-8,603	0,114	0,279
CHR7	1733572	CHR7:1733572	SSF x Far_LoA	-8,384	0,110	0,281
CHR7	17336195	CHR7:17336195	SSF x Far_LoA	-8,100	0,126	0,278
CHR7	17338970	CHR7:17338970	SSF x Far_LoA	-10,409	0,117	0,287
CHR7	17339380	CHR7:17339380	SSF x Far_LoA	-9,663	0,017	0,287
CHR7	17348355	CHR7:17348355	SSF x Far_LoA	-9,488	-0,030	0,274
CHR7	17348404	CHR7:17348404	SSF x Far_LoA	-7,737	0,092	0,286
CHR7	17348462	CHR7:17348462	SSF x Far_LoA	-10,809	0,026	0,272
CHR7	17348515	CHR7:17348515	SSF x Far_LoA	-9,459	-0,048	0,283
CHR7	17348795	CHR7:17348795	SSF x Far_LoA	-9,668	-0,131	0,289
CHR7	17349000	CHR7:17349000	SSF x Far_LoA	-7,062	0,110	0,287
CHR7	17370125	CHR7:17370125	SSF x Far_LoA	-11,021	0,091	0,282
CHR7	17370191	CHR7:17370191	SSF x Far_LoA	-11,468	0,046	0,298
CHR7	17375372	CHR7:17375372	SSF x Far_LoA	-8,877	-0,016	0,282
CHR7	17375404	CHR7:17375404	SSF x Far_LoA	-8,967	0,119	0,282
CHR7	17391168	CHR7:17391168	SSF x Far_LoA	-9,034	0,069	0,297
CHR7	17391495	CHR7:17391495	SSF x Far_LoA	-6,836	-0,018	0,290
CHR7	17391515	CHR7:17391515	SSF x Far_LoA	-8,944	0,017	0,287
CHR7	17400926	CHR7:17400926	SSF x Far_LoA	-9,573	0,087	0,293
CHR7	17401005	CHR7:17401005	SSF x Far_LoA	-11,420	-0,014	0,289
CHR7	17401006	CHR7:17401006	SSF x Far_LoA	-11,606	-0,047	0,303
CHR7	17401092	CHR7:17401092	SSF x Far_LoA	-9,508	0,007	0,294
CHR7	17401127	CHR7:17401127	SSF x Far_LoA	-6,681	-0,102	0,285
CHR7	17406923	CHR7:17406923	SSF x Far_LoA	-6,707	-0,071	0,285
CHR7	17406968	CHR7:17406968	SSF x Far_LoA	-9,991	-0,026	0,292
CHR7	17407072	CHR7:17407072	SSF x Far_LoA	-10,264	-0,050	0,277
CHR7	17407102	CHR7:17407102	SSF x Far_LoA	-9,598	0,102	0,302
CHR7	17407186	CHR7:17407186	SSF x Far_LoA	-9,328	0,034	0,289
CHR7	17410398	CHR7:17410398	SSF x Far_LoA	-11,579	0,039	0,278
CHR7	17410411	CHR7:17410411	SSF x Far_LoA	-10,004	0,010	0,281
CHR7	17410412	CHR7:17410412	SSF x Far_LoA	-10,274	0,039	0,287
CHR7	17410434	CHR7:17410434	SSF x Far_LoA	-6,204	-0,112	0,293
CHR7	17410444	CHR7:17410444	SSF x Far_LoA	-11,456	0,004	0,290
CHR7	17410452	CHR7:17410452	SSF x Far_LoA	-11,676	-0,044	0,302
CHR7	17410617	CHR7:17410617	SSF x Far_LoA	-10,203	0,043	0,301
CHR7	17419882	CHR7:17419882	SSF x Far_LoA	-6,903	-0,048	0,284
CHR7	17420004	CHR7:17420004	SSF x Far_LoA	-11,431	0,055	0,308
CHR7	1744336	CHR7:1744336	SSF x Far_LoA	-9,671	0,019	0,286
CHR7	1744367	CHR7:1744367	SSF x Far_LoA	-8,920	0,026	0,305
CHR7	17453367	CHR7:17453367	SSF x Far_LoA	-11,508	-0,012	0,299
CHR7	17454828	CHR7:17454828	SSF x Far_LoA	-8,002	0,166	0,282
CHR7	17454936	CHR7:17454936	SSF x Far_LoA	-11,548	-0,001	0,284
CHR7	17464604	CHR7:17464604	SSF x Far_LoA	-9,860	0,077	0,281
CHR7	17479053	CHR7:17479053	SSF x Far_LoA	-9,545	-0,080	0,278
CHR7	17481928	CHR7:17481928	SSF x Far_LoA	-10,679	-0,006	0,287

CHR7	17482032	CHR7:17482032	SSF x Far_LoA	-11,471	-0,027	0,276
CHR7	17482138	CHR7:17482138	SSF x Far_LoA	-8,877	0,005	0,282
CHR7	17482140	CHR7:17482140	SSF x Far_LoA	-7,413	-0,061	0,297
CHR7	1749139	CHR7:1749139	SSF x Far_LoA	-11,590	0,067	0,285
CHR7	1749273	CHR7:1749273	SSF x Far_LoA	-6,852	0,028	0,289
CHR7	1749386	CHR7:1749386	SSF x Far_LoA	-10,712	-0,026	0,289
CHR7	17496328	CHR7:17496328	SSF x Far_LoA	-9,953	-0,037	0,289
CHR7	17496341	CHR7:17496341	SSF x Far_LoA	-8,321	-0,067	0,285
CHR7	17496481	CHR7:17496481	SSF x Far_LoA	-10,956	-0,013	0,285
CHR7	17512335	CHR7:17512335	SSF x Far_LoA	-11,444	0,001	0,291
CHR7	17512340	CHR7:17512340	SSF x Far_LoA	-0,447	-0,034	0,269
CHR7	17512408	CHR7:17512408	SSF x Far_LoA	-9,173	-0,069	0,284
CHR7	17512565	CHR7:17512565	SSF x Far_LoA	-4,531	0,166	0,276
CHR7	17514795	CHR7:17514795	SSF x Far_LoA	-9,119	0,071	0,285
CHR7	17514809	CHR7:17514809	SSF x Far_LoA	-10,578	-0,021	0,279
CHR7	17514834	CHR7:17514834	SSF x Far_LoA	-9,012	-0,043	0,291
CHR7	1751814	CHR7:1751814	SSF x Far_LoA	-9,149	0,072	0,296
CHR7	1751844	CHR7:1751844	SSF x Far_LoA	-11,923	0,021	0,287
CHR7	1751898	CHR7:1751898	SSF x Far_LoA	-9,401	0,027	0,296
CHR7	17520768	CHR7:17520768	SSF x Far_LoA	-10,963	-0,008	0,296
CHR7	17520781	CHR7:17520781	SSF x Far_LoA	-6,696	-0,107	0,285
CHR7	17520818	CHR7:17520818	SSF x Far_LoA	-6,761	-0,112	0,274
CHR7	17520830	CHR7:17520830	SSF x Far_LoA	-10,019	0,024	0,301
CHR7	17523953	CHR7:17523953	SSF x Far_LoA	-9,256	-0,022	0,298
CHR7	17524134	CHR7:17524134	SSF x Far_LoA	-8,505	0,024	0,279
CHR7	17524140	CHR7:17524140	SSF x Far_LoA	-7,302	0,124	0,278
CHR7	17531481	CHR7:17531481	SSF x Far_LoA	-11,646	-0,053	0,294
CHR7	17531495	CHR7:17531495	SSF x Far_LoA	-9,928	0,020	0,304
CHR7	17549296	CHR7:17549296	SSF x Far_LoA	-8,861	-0,038	0,278
CHR7	17549342	CHR7:17549342	SSF x Far_LoA	-9,010	0,030	0,302
CHR7	17549433	CHR7:17549433	SSF x Far_LoA	-8,220	0,133	0,276
CHR7	17556232	CHR7:17556232	SSF x Far_LoA	-7,809	0,125	0,288
CHR7	17556291	CHR7:17556291	SSF x Far_LoA	-7,534	0,156	0,293
CHR7	17556310	CHR7:17556310	SSF x Far_LoA	-11,734	-0,027	0,284
CHR7	17556334	CHR7:17556334	SSF x Far_LoA	-10,985	0,052	0,289
CHR7	17556430	CHR7:17556430	SSF x Far_LoA	-9,845	-0,087	0,288
CHR7	17556445	CHR7:17556445	SSF x Far_LoA	-10,651	-0,017	0,301
CHR7	17556567	CHR7:17556567	SSF x Far_LoA	-11,781	0,073	0,298
CHR7	1755854	CHR7:1755854	SSF x Far_LoA	-10,196	0,031	0,276
CHR7	1755867	CHR7:1755867	SSF x Far_LoA	-9,052	0,005	0,301
CHR7	17574602	CHR7:17574602	SSF x Far_LoA	-11,580	-0,073	0,288
CHR7	17575095	CHR7:17575095	SSF x Far_LoA	-11,312	0,030	0,293
CHR7	17580463	CHR7:17580463	SSF x Far_LoA	-6,963	-0,044	0,313
CHR7	17580493	CHR7:17580493	SSF x Far_LoA	-9,615	0,073	0,298
CHR7	17584106	CHR7:17584106	SSF x Far_LoA	-6,171	0,118	0,284
CHR7	17584111	CHR7:17584111	SSF x Far_LoA	-9,132	0,026	0,301
CHR7	17585456	CHR7:17585456	SSF x Far_LoA	-9,865	-0,008	0,279
CHR7	17592986	CHR7:17592986	SSF x Far_LoA	-10,784	0,052	0,294
CHR7	17593207	CHR7:17593207	SSF x Far_LoA	-10,828	0,124	0,284
CHR7	17593234	CHR7:17593234	SSF x Far_LoA	-10,285	0,080	0,302
CHR7	17593333	CHR7:17593333	SSF x Far_LoA	-10,411	0,041	0,305
CHR7	17593348	CHR7:17593348	SSF x Far_LoA	-7,073	0,064	0,298
CHR7	17593351	CHR7:17593351	SSF x Far_LoA	-9,517	0,093	0,284

CHR7	17593376	CHR7:17593376	SSF x Far_LoA	-6,928	0,086	0,289
CHR7	17604214	CHR7:17604214	SSF x Far_LoA	-10,327	-0,097	0,312
CHR7	17604928	CHR7:17604928	SSF x Far_LoA	-9,652	-0,100	0,284
CHR7	17610790	CHR7:17610790	SSF x Far_LoA	-9,375	-0,062	0,297
CHR7	17611200	CHR7:17611200	SSF x Far_LoA	-11,562	-0,011	0,295
CHR7	17630632	CHR7:17630632	SSF x Far_LoA	-3,086	0,145	0,288
CHR7	17630682	CHR7:17630682	SSF x Far_LoA	-7,847	-0,097	0,294
CHR7	17630806	CHR7:17630806	SSF x Far_LoA	-7,203	0,185	0,275
CHR7	17637248	CHR7:17637248	SSF x Far_LoA	-8,683	0,064	0,277
CHR7	17637437	CHR7:17637437	SSF x Far_LoA	-9,614	0,004	0,287
CHR7	17637442	CHR7:17637442	SSF x Far_LoA	-11,882	0,018	0,302
CHR7	17637446	CHR7:17637446	SSF x Far_LoA	-11,695	0,038	0,290
CHR7	17644815	CHR7:17644815	SSF x Far_LoA	-9,399	0,088	0,295
CHR7	17644840	CHR7:17644840	SSF x Far_LoA	-8,489	0,090	0,294
CHR7	17644887	CHR7:17644887	SSF x Far_LoA	-10,829	0,021	0,299
CHR7	17644975	CHR7:17644975	SSF x Far_LoA	-8,035	-0,100	0,288
CHR7	17645017	CHR7:17645017	SSF x Far_LoA	-11,395	0,094	0,298
CHR7	17645018	CHR7:17645018	SSF x Far_LoA	-11,244	-0,037	0,305
CHR7	17645041	CHR7:17645041	SSF x Far_LoA	-5,726	0,181	0,282
CHR7	17645077	CHR7:17645077	SSF x Far_LoA	-10,011	-0,003	0,282
CHR7	17645106	CHR7:17645106	SSF x Far_LoA	-6,184	-0,070	0,306
CHR7	17652123	CHR7:17652123	SSF x Far_LoA	-10,633	-0,019	0,287
CHR7	17658097	CHR7:17658097	SSF x Far_LoA	-8,294	-0,012	0,279
CHR7	17658135	CHR7:17658135	SSF x Far_LoA	-7,998	-0,171	0,297
CHR7	17658137	CHR7:17658137	SSF x Far_LoA	-4,273	-0,167	0,312
CHR7	17658140	CHR7:17658140	SSF x Far_LoA	-9,313	-0,188	0,301
CHR7	17667025	CHR7:17667025	SSF x Far_LoA	-5,990	-0,092	0,305
CHR7	17677624	CHR7:17677624	SSF x Far_LoA	-7,557	-0,031	0,300
CHR7	17678343	CHR7:17678343	SSF x Far_LoA	-8,742	0,045	0,292
CHR7	17698093	CHR7:17698093	SSF x Far_LoA	-11,144	0,001	0,280
CHR7	17698226	CHR7:17698226	SSF x Far_LoA	-9,960	0,062	0,299
CHR7	17698281	CHR7:17698281	SSF x Far_LoA	-11,178	0,076	0,288
CHR7	1770696	CHR7:1770696	SSF x Far_LoA	-11,165	-0,055	0,282
CHR7	17708420	CHR7:17708420	SSF x Far_LoA	-9,588	0,077	0,290
CHR7	17708423	CHR7:17708423	SSF x Far_LoA	-11,473	0,099	0,284
CHR7	17708439	CHR7:17708439	SSF x Far_LoA	-12,266	0,038	0,291
CHR7	1771021	CHR7:1771021	SSF x Far_LoA	-10,272	-0,111	0,275
CHR7	17711389	CHR7:17711389	SSF x Far_LoA	-6,028	-0,153	0,281
CHR7	17711414	CHR7:17711414	SSF x Far_LoA	-6,403	-0,226	0,277
CHR7	17714740	CHR7:17714740	SSF x Far_LoA	-10,506	0,121	0,291
CHR7	17714762	CHR7:17714762	SSF x Far_LoA	-8,515	0,000	0,309
CHR7	17714766	CHR7:17714766	SSF x Far_LoA	-8,984	0,009	0,312
CHR7	17714842	CHR7:17714842	SSF x Far_LoA	-8,999	0,051	0,296
CHR7	17714893	CHR7:17714893	SSF x Far_LoA	-7,572	0,052	0,293
CHR7	17714905	CHR7:17714905	SSF x Far_LoA	-8,638	0,109	0,282
CHR7	17717624	CHR7:17717624	SSF x Far_LoA	-11,480	0,037	0,289
CHR7	1772157	CHR7:1772157	SSF x Far_LoA	-9,162	0,012	0,304
CHR7	17734658	CHR7:17734658	SSF x Far_LoA	-8,736	0,103	0,287
CHR7	1774215	CHR7:1774215	SSF x Far_LoA	-11,504	0,010	0,277
CHR7	17744516	CHR7:17744516	SSF x Far_LoA	-9,856	0,049	0,286
CHR7	17759657	CHR7:17759657	SSF x Far_LoA	-9,018	-0,034	0,281
CHR7	17759731	CHR7:17759731	SSF x Far_LoA	-4,954	-0,109	0,288
CHR7	17759895	CHR7:17759895	SSF x Far_LoA	-10,239	-0,031	0,285

CHR7	17764466	CHR7:17764466	SSF x Far_LoA	-6,207	0,089	0,297
CHR7	1777509	CHR7:1777509	SSF x Far_LoA	-11,584	-0,025	0,292
CHR7	17793859	CHR7:17793859	SSF x Far_LoA	-10,644	-0,065	0,292
CHR7	17796838	CHR7:17796838	SSF x Far_LoA	-7,233	0,165	0,290
CHR7	17796844	CHR7:17796844	SSF x Far_LoA	0,976	0,170	0,294
CHR7	17802101	CHR7:17802101	SSF x Far_LoA	-11,151	0,060	0,276
CHR7	17802119	CHR7:17802119	SSF x Far_LoA	-3,332	-0,120	0,285
CHR7	17802271	CHR7:17802271	SSF x Far_LoA	-8,708	0,054	0,279
CHR7	17802311	CHR7:17802311	SSF x Far_LoA	-8,916	0,060	0,275
CHR7	17812011	CHR7:17812011	SSF x Far_LoA	-9,274	-0,055	0,298
CHR7	17812106	CHR7:17812106	SSF x Far_LoA	-11,027	-0,045	0,297
CHR7	17812147	CHR7:17812147	SSF x Far_LoA	-9,812	-0,041	0,280
CHR7	17818602	CHR7:17818602	SSF x Far_LoA	-8,955	-0,050	0,285
CHR7	17818647	CHR7:17818647	SSF x Far_LoA	-11,457	0,035	0,286
CHR7	17818670	CHR7:17818670	SSF x Far_LoA	-8,475	0,025	0,289
CHR7	17826768	CHR7:17826768	SSF x Far_LoA	-8,928	0,008	0,300
CHR7	17826901	CHR7:17826901	SSF x Far_LoA	-7,082	0,057	0,280
CHR7	17826902	CHR7:17826902	SSF x Far_LoA	-9,566	-0,046	0,278
CHR7	17828256	CHR7:17828256	SSF x Far_LoA	-9,977	0,016	0,294
CHR7	17828283	CHR7:17828283	SSF x Far_LoA	-7,974	0,062	0,300
CHR7	17828288	CHR7:17828288	SSF x Far_LoA	-10,790	0,046	0,304
CHR7	17828316	CHR7:17828316	SSF x Far_LoA	-5,265	0,050	0,282
CHR7	17831122	CHR7:17831122	SSF x Far_LoA	-10,907	-0,033	0,298
CHR7	17833176	CHR7:17833176	SSF x Far_LoA	-7,920	-0,039	0,301
CHR7	17837054	CHR7:17837054	SSF x Far_LoA	-3,249	-0,071	0,310
CHR7	17837058	CHR7:17837058	SSF x Far_LoA	-8,280	-0,138	0,304
CHR7	17837101	CHR7:17837101	SSF x Far_LoA	-5,706	-0,148	0,297
CHR7	17838508	CHR7:17838508	SSF x Far_LoA	-8,010	-0,154	0,290
CHR7	17838512	CHR7:17838512	SSF x Far_LoA	-9,060	-0,116	0,295
CHR7	17851931	CHR7:17851931	SSF x Far_LoA	-12,223	-0,015	0,285
CHR7	17852211	CHR7:17852211	SSF x Far_LoA	-8,825	0,020	0,290
CHR7	17852225	CHR7:17852225	SSF x Far_LoA	-8,520	0,021	0,302
CHR7	17852226	CHR7:17852226	SSF x Far_LoA	-8,881	0,016	0,302
CHR7	17852239	CHR7:17852239	SSF x Far_LoA	-5,280	-0,002	0,300
CHR7	17853428	CHR7:17853428	SSF x Far_LoA	-10,274	0,096	0,287
CHR7	17853575	CHR7:17853575	SSF x Far_LoA	-8,847	0,016	0,291
CHR7	17853586	CHR7:17853586	SSF x Far_LoA	-12,243	0,022	0,302
CHR7	17853598	CHR7:17853598	SSF x Far_LoA	-10,032	0,015	0,289
CHR7	17853632	CHR7:17853632	SSF x Far_LoA	-9,465	-0,032	0,296
CHR7	1785567	CHR7:1785567	SSF x Far_LoA	-11,139	0,096	0,295
CHR7	17862113	CHR7:17862113	SSF x Far_LoA	-8,956	0,060	0,297
CHR7	17862204	CHR7:17862204	SSF x Far_LoA	-11,122	-0,062	0,295
CHR7	17862311	CHR7:17862311	SSF x Far_LoA	-10,010	-0,085	0,301
CHR7	17862364	CHR7:17862364	SSF x Far_LoA	-10,773	0,060	0,295
CHR7	17862450	CHR7:17862450	SSF x Far_LoA	-4,053	-0,167	0,305
CHR7	1786734	CHR7:1786734	SSF x Far_LoA	-5,099	0,140	0,285
CHR7	17868196	CHR7:17868196	SSF x Far_LoA	-6,652	0,144	0,300
CHR7	17868410	CHR7:17868410	SSF x Far_LoA	-7,763	0,071	0,305
CHR7	1786890	CHR7:1786890	SSF x Far_LoA	-8,919	-0,070	0,296
CHR7	1786911	CHR7:1786911	SSF x Far_LoA	-8,486	0,092	0,286
CHR7	17881314	CHR7:17881314	SSF x Far_LoA	-7,136	-0,110	0,284
CHR7	17881460	CHR7:17881460	SSF x Far_LoA	-6,859	-0,092	0,284
CHR7	17881536	CHR7:17881536	SSF x Far_LoA	-7,131	0,036	0,301

CHR7	17890507	CHR7:17890507	SSF x Far_LoA	-8,287	-0,023	0,290
CHR7	17910578	CHR7:17910578	SSF x Far_LoA	-8,728	-0,065	0,283
CHR7	17910616	CHR7:17910616	SSF x Far_LoA	-7,185	-0,087	0,291
CHR7	17910635	CHR7:17910635	SSF x Far_LoA	-9,642	0,005	0,302
CHR7	17926506	CHR7:17926506	SSF x Far_LoA	-7,302	-0,165	0,290
CHR7	17934116	CHR7:17934116	SSF x Far_LoA	-7,555	-0,120	0,276
CHR7	17934568	CHR7:17934568	SSF x Far_LoA	-12,563	-0,014	0,274
CHR7	17961346	CHR7:17961346	SSF x Far_LoA	-10,553	-0,112	0,297
CHR7	17966733	CHR7:17966733	SSF x Far_LoA	-7,947	0,066	0,295
CHR7	17966919	CHR7:17966919	SSF x Far_LoA	-9,267	0,021	0,290
CHR7	17966954	CHR7:17966954	SSF x Far_LoA	-11,858	0,018	0,300
CHR7	17970575	CHR7:17970575	SSF x Far_LoA	-7,075	0,180	0,270
CHR7	17985121	CHR7:17985121	SSF x Far_LoA	-9,436	0,057	0,292
CHR7	17985143	CHR7:17985143	SSF x Far_LoA	-9,754	-0,060	0,288
CHR7	17985153	CHR7:17985153	SSF x Far_LoA	-7,837	-0,139	0,280
CHR7	17985186	CHR7:17985186	SSF x Far_LoA	-1,799	0,091	0,294
CHR7	17985187	CHR7:17985187	SSF x Far_LoA	-8,854	0,064	0,291
CHR7	17985266	CHR7:17985266	SSF x Far_LoA	-10,175	0,058	0,298
CHR7	17997755	CHR7:17997755	SSF x Far_LoA	-7,483	-0,186	0,279
CHR7	1801261	CHR7:1801261	SSF x Far_LoA	-10,880	0,019	0,301
CHR7	18012784	CHR7:18012784	SSF x Far_LoA	-10,327	-0,087	0,304
CHR7	18012997	CHR7:18012997	SSF x Far_LoA	-10,867	-0,092	0,283
CHR7	1801395	CHR7:1801395	SSF x Far_LoA	-7,863	0,124	0,295
CHR7	1801440	CHR7:1801440	SSF x Far_LoA	-9,780	0,021	0,293
CHR7	1803985	CHR7:1803985	SSF x Far_LoA	-8,689	0,018	0,307
CHR7	1804119	CHR7:1804119	SSF x Far_LoA	-8,231	-0,051	0,302
CHR7	1804145	CHR7:1804145	SSF x Far_LoA	-7,501	0,125	0,283
CHR7	18048617	CHR7:18048617	SSF x Far_LoA	-8,179	-0,043	0,274
CHR7	18056689	CHR7:18056689	SSF x Far_LoA	-9,969	0,042	0,289
CHR7	1805857	CHR7:1805857	SSF x Far_LoA	-6,200	0,097	0,287
CHR7	18062770	CHR7:18062770	SSF x Far_LoA	-10,699	-0,008	0,285
CHR7	18062782	CHR7:18062782	SSF x Far_LoA	-8,753	-0,034	0,289
CHR7	18064865	CHR7:18064865	SSF x Far_LoA	-10,601	-0,040	0,292
CHR7	18072404	CHR7:18072404	SSF x Far_LoA	-12,143	0,057	0,287
CHR7	18081540	CHR7:18081540	SSF x Far_LoA	-7,055	-0,035	0,293
CHR7	18081549	CHR7:18081549	SSF x Far_LoA	-9,715	-0,011	0,282
CHR7	18081954	CHR7:18081954	SSF x Far_LoA	-9,611	-0,025	0,294
CHR7	18081990	CHR7:18081990	SSF x Far_LoA	-8,869	0,022	0,300
CHR7	18082018	CHR7:18082018	SSF x Far_LoA	-8,431	0,110	0,287
CHR7	1808726	CHR7:1808726	SSF x Far_LoA	-7,648	0,077	0,284
CHR7	18087832	CHR7:18087832	SSF x Far_LoA	-10,695	-0,022	0,293
CHR7	18087843	CHR7:18087843	SSF x Far_LoA	-9,814	0,056	0,303
CHR7	18087878	CHR7:18087878	SSF x Far_LoA	-7,967	-0,044	0,298
CHR7	18087884	CHR7:18087884	SSF x Far_LoA	-10,469	0,019	0,309
CHR7	18095539	CHR7:18095539	SSF x Far_LoA	-11,278	0,028	0,296
CHR7	1809778	CHR7:1809778	SSF x Far_LoA	-9,303	0,075	0,277
CHR7	18099283	CHR7:18099283	SSF x Far_LoA	-1,844	0,189	0,284
CHR7	18104910	CHR7:18104910	SSF x Far_LoA	-8,532	-0,005	0,281
CHR7	18108113	CHR7:18108113	SSF x Far_LoA	-5,519	0,103	0,299
CHR7	18108125	CHR7:18108125	SSF x Far_LoA	-11,074	0,024	0,282
CHR7	18108148	CHR7:18108148	SSF x Far_LoA	-11,583	0,000	0,286
CHR7	18119708	CHR7:18119708	SSF x Far_LoA	-9,294	0,005	0,289
CHR7	18119726	CHR7:18119726	SSF x Far_LoA	-8,738	-0,062	0,300

CHR7	18119749	CHR7:18119749	SSF x Far_LoA	-10,150	0,059	0,282
CHR7	18119779	CHR7:18119779	SSF x Far_LoA	-6,739	0,014	0,293
CHR7	18119840	CHR7:18119840	SSF x Far_LoA	-8,384	0,000	0,291
CHR7	18121704	CHR7:18121704	SSF x Far_LoA	-8,630	-0,103	0,281
CHR7	18121721	CHR7:18121721	SSF x Far_LoA	-6,024	0,128	0,291
CHR7	18121730	CHR7:18121730	SSF x Far_LoA	-9,961	0,034	0,297
CHR7	18121737	CHR7:18121737	SSF x Far_LoA	-8,690	0,061	0,298
CHR7	18121798	CHR7:18121798	SSF x Far_LoA	-4,645	-0,056	0,294
CHR7	18121814	CHR7:18121814	SSF x Far_LoA	-8,793	0,030	0,305
CHR7	18126249	CHR7:18126249	SSF x Far_LoA	-2,423	-0,241	0,282
CHR7	18126412	CHR7:18126412	SSF x Far_LoA	-8,358	-0,157	0,291
CHR7	18126484	CHR7:18126484	SSF x Far_LoA	-9,586	0,018	0,283
CHR7	18126505	CHR7:18126505	SSF x Far_LoA	-8,745	-0,096	0,287
CHR7	18126532	CHR7:18126532	SSF x Far_LoA	-9,870	-0,150	0,301
CHR7	18126556	CHR7:18126556	SSF x Far_LoA	-9,115	-0,034	0,295
CHR7	1812960	CHR7:1812960	SSF x Far_LoA	-9,913	-0,131	0,274
CHR7	18135263	CHR7:18135263	SSF x Far_LoA	-11,530	-0,015	0,279
CHR7	18135280	CHR7:18135280	SSF x Far_LoA	-11,835	-0,005	0,301
CHR7	18135350	CHR7:18135350	SSF x Far_LoA	-9,851	0,057	0,284
CHR7	18135383	CHR7:18135383	SSF x Far_LoA	-9,465	0,012	0,290
CHR7	18135477	CHR7:18135477	SSF x Far_LoA	-11,718	-0,033	0,290
CHR7	18135504	CHR7:18135504	SSF x Far_LoA	-8,572	-0,074	0,300
CHR7	18135533	CHR7:18135533	SSF x Far_LoA	-8,499	-0,126	0,289
CHR7	18153037	CHR7:18153037	SSF x Far_LoA	-8,513	0,027	0,299
CHR7	18153071	CHR7:18153071	SSF x Far_LoA	-8,232	0,054	0,289
CHR7	18153102	CHR7:18153102	SSF x Far_LoA	-10,777	0,069	0,283
CHR7	18153187	CHR7:18153187	SSF x Far_LoA	-9,081	0,072	0,298
CHR7	18153234	CHR7:18153234	SSF x Far_LoA	-9,639	0,093	0,294
CHR7	1816727	CHR7:1816727	SSF x Far_LoA	-6,379	0,006	0,279
CHR7	1816817	CHR7:1816817	SSF x Far_LoA	-9,591	0,056	0,269
CHR7	1816872	CHR7:1816872	SSF x Far_LoA	-9,694	-0,117	0,282
CHR7	18168866	CHR7:18168866	SSF x Far_LoA	-5,672	0,152	0,276
CHR7	1816890	CHR7:1816890	SSF x Far_LoA	-9,678	-0,026	0,292
CHR7	18187002	CHR7:18187002	SSF x Far_LoA	-8,794	0,071	0,274
CHR7	18191068	CHR7:18191068	SSF x Far_LoA	-8,362	-0,013	0,289
CHR7	18198084	CHR7:18198084	SSF x Far_LoA	-8,330	-0,092	0,294
CHR7	18199629	CHR7:18199629	SSF x Far_LoA	-10,601	0,025	0,294
CHR7	18203002	CHR7:18203002	SSF x Far_LoA	-10,766	-0,100	0,289
CHR7	18222754	CHR7:18222754	SSF x Far_LoA	-11,176	0,049	0,284
CHR7	18222755	CHR7:18222755	SSF x Far_LoA	-7,337	-0,075	0,308
CHR7	18222759	CHR7:18222759	SSF x Far_LoA	-9,702	-0,016	0,289
CHR7	18226869	CHR7:18226869	SSF x Far_LoA	-10,137	-0,043	0,294
CHR7	18226906	CHR7:18226906	SSF x Far_LoA	-10,385	0,146	0,278
CHR7	18226950	CHR7:18226950	SSF x Far_LoA	-9,962	0,057	0,280
CHR7	18226951	CHR7:18226951	SSF x Far_LoA	-11,601	0,063	0,295
CHR7	18226996	CHR7:18226996	SSF x Far_LoA	-9,683	-0,074	0,293
CHR7	18227098	CHR7:18227098	SSF x Far_LoA	-3,392	-0,003	0,291
CHR7	18227125	CHR7:18227125	SSF x Far_LoA	-10,253	-0,105	0,289
CHR7	18227147	CHR7:18227147	SSF x Far_LoA	-9,864	-0,062	0,283
CHR7	18227254	CHR7:18227254	SSF x Far_LoA	-10,039	-0,110	0,280
CHR7	18229974	CHR7:18229974	SSF x Far_LoA	-8,579	-0,065	0,275
CHR7	18230005	CHR7:18230005	SSF x Far_LoA	-7,890	-0,094	0,285
CHR7	18230096	CHR7:18230096	SSF x Far_LoA	-10,563	-0,014	0,299

CHR7	18230191	CHR7:18230191	SSF x Far_LoA	-9,189	-0,092	0,287
CHR7	18230242	CHR7:18230242	SSF x Far_LoA	-12,136	0,024	0,288
CHR7	18231998	CHR7:18231998	SSF x Far_LoA	-8,609	-0,044	0,300
CHR7	18232071	CHR7:18232071	SSF x Far_LoA	-8,532	-0,054	0,288
CHR7	18232102	CHR7:18232102	SSF x Far_LoA	-9,649	-0,017	0,284
CHR7	18232128	CHR7:18232128	SSF x Far_LoA	-6,367	-0,074	0,289
CHR7	18232144	CHR7:18232144	SSF x Far_LoA	-9,821	-0,096	0,283
CHR7	18232181	CHR7:18232181	SSF x Far_LoA	-10,522	-0,043	0,278
CHR7	18235304	CHR7:18235304	SSF x Far_LoA	-7,823	-0,007	0,302
CHR7	18235460	CHR7:18235460	SSF x Far_LoA	-10,180	-0,105	0,280
CHR7	18238501	CHR7:18238501	SSF x Far_LoA	-11,478	-0,028	0,285
CHR7	18238539	CHR7:18238539	SSF x Far_LoA	-7,721	-0,065	0,282
CHR7	18238582	CHR7:18238582	SSF x Far_LoA	-9,387	-0,019	0,292
CHR7	18266338	CHR7:18266338	SSF x Far_LoA	-9,060	-0,041	0,285
CHR7	18266347	CHR7:18266347	SSF x Far_LoA	-10,334	-0,025	0,283
CHR7	18266402	CHR7:18266402	SSF x Far_LoA	-9,726	-0,034	0,286
CHR7	1828904	CHR7:1828904	SSF x Far_LoA	-8,408	0,104	0,293
CHR7	1828967	CHR7:1828967	SSF x Far_LoA	-7,074	-0,120	0,292
CHR7	1828979	CHR7:1828979	SSF x Far_LoA	-6,065	-0,174	0,286
CHR7	1829577	CHR7:1829577	SSF x Far_LoA	-7,864	-0,008	0,296
CHR7	1829638	CHR7:1829638	SSF x Far_LoA	-6,343	0,003	0,311
CHR7	18303737	CHR7:18303737	SSF x Far_LoA	-5,798	0,148	0,287
CHR7	18303766	CHR7:18303766	SSF x Far_LoA	-0,394	-0,148	0,292
CHR7	18303809	CHR7:18303809	SSF x Far_LoA	-9,574	0,061	0,273
CHR7	18313906	CHR7:18313906	SSF x Far_LoA	-4,185	0,270	0,294
CHR7	18314018	CHR7:18314018	SSF x Far_LoA	-3,577	0,240	0,286
CHR7	18314031	CHR7:18314031	SSF x Far_LoA	-8,991	-0,059	0,281
CHR7	18314169	CHR7:18314169	SSF x Far_LoA	-10,730	-0,060	0,292
CHR7	18317259	CHR7:18317259	SSF x Far_LoA	-11,843	0,039	0,284
CHR7	18318722	CHR7:18318722	SSF x Far_LoA	-9,053	0,045	0,299
CHR7	18318860	CHR7:18318860	SSF x Far_LoA	-9,891	0,070	0,299
CHR7	18318892	CHR7:18318892	SSF x Far_LoA	-7,692	0,132	0,288
CHR7	18319031	CHR7:18319031	SSF x Far_LoA	-10,318	0,034	0,302
CHR7	18393122	CHR7:18393122	SSF x Far_LoA	-6,874	-0,051	0,319
CHR7	18393246	CHR7:18393246	SSF x Far_LoA	-9,693	0,013	0,293
CHR7	18393481	CHR7:18393481	SSF x Far_LoA	-11,603	-0,017	0,295
CHR7	18402351	CHR7:18402351	SSF x Far_LoA	-8,149	-0,007	0,306
CHR7	18402425	CHR7:18402425	SSF x Far_LoA	-9,391	-0,020	0,291
CHR7	18402561	CHR7:18402561	SSF x Far_LoA	-11,016	-0,025	0,281
CHR7	18405360	CHR7:18405360	SSF x Far_LoA	-7,629	-0,089	0,284
CHR7	18405364	CHR7:18405364	SSF x Far_LoA	-8,580	-0,102	0,284
CHR7	18405387	CHR7:18405387	SSF x Far_LoA	-9,563	-0,087	0,280
CHR7	18405390	CHR7:18405390	SSF x Far_LoA	-12,035	0,040	0,291
CHR7	18405397	CHR7:18405397	SSF x Far_LoA	-9,670	-0,070	0,286
CHR7	18405429	CHR7:18405429	SSF x Far_LoA	-8,657	0,070	0,297
CHR7	18405434	CHR7:18405434	SSF x Far_LoA	-8,443	0,143	0,273
CHR7	18405435	CHR7:18405435	SSF x Far_LoA	-10,259	0,134	0,281
CHR7	18405438	CHR7:18405438	SSF x Far_LoA	-8,864	0,047	0,298
CHR7	18411901	CHR7:18411901	SSF x Far_LoA	-8,327	-0,022	0,292
CHR7	18411937	CHR7:18411937	SSF x Far_LoA	-9,779	-0,063	0,292
CHR7	18418881	CHR7:18418881	SSF x Far_LoA	-9,273	-0,101	0,276
CHR7	18444654	CHR7:18444654	SSF x Far_LoA	-7,557	0,054	0,282
CHR7	18445404	CHR7:18445404	SSF x Far_LoA	-9,840	-0,061	0,306

CHR7	18445476	CHR7:18445476	SSF x Far_LoA	-8,396	0,059	0,288
CHR7	18445554	CHR7:18445554	SSF x Far_LoA	-10,544	-0,060	0,296
CHR7	18445590	CHR7:18445590	SSF x Far_LoA	-0,916	-0,153	0,297
CHR7	1845028	CHR7:1845028	SSF x Far_LoA	-7,968	-0,146	0,287
CHR7	18451236	CHR7:18451236	SSF x Far_LoA	-9,484	-0,007	0,282
CHR7	18451240	CHR7:18451240	SSF x Far_LoA	-7,760	-0,075	0,293
CHR7	18451309	CHR7:18451309	SSF x Far_LoA	-9,167	-0,044	0,277
CHR7	18451432	CHR7:18451432	SSF x Far_LoA	-8,205	-0,066	0,290
CHR7	18451458	CHR7:18451458	SSF x Far_LoA	-9,330	0,028	0,289
CHR7	18451464	CHR7:18451464	SSF x Far_LoA	-8,255	-0,043	0,299
CHR7	18451475	CHR7:18451475	SSF x Far_LoA	-9,786	-0,029	0,283
CHR7	1846765	CHR7:1846765	SSF x Far_LoA	-6,496	0,010	0,306
CHR7	18540100	CHR7:18540100	SSF x Far_LoA	-8,561	-0,073	0,284
CHR7	18558759	CHR7:18558759	SSF x Far_LoA	-11,621	0,067	0,291
CHR7	18558762	CHR7:18558762	SSF x Far_LoA	-9,563	-0,129	0,285
CHR7	18558767	CHR7:18558767	SSF x Far_LoA	-11,381	0,089	0,283
CHR7	18562286	CHR7:18562286	SSF x Far_LoA	-11,141	0,008	0,300
CHR7	18577904	CHR7:18577904	SSF x Far_LoA	-8,705	-0,038	0,302
CHR7	18578007	CHR7:18578007	SSF x Far_LoA	-8,950	0,020	0,297
CHR7	18578011	CHR7:18578011	SSF x Far_LoA	-8,836	0,031	0,285
CHR7	18596594	CHR7:18596594	SSF x Far_LoA	-8,964	0,050	0,299
CHR7	18596649	CHR7:18596649	SSF x Far_LoA	-9,981	-0,096	0,295
CHR7	1860120	CHR7:1860120	SSF x Far_LoA	-8,661	0,027	0,298
CHR7	1860122	CHR7:1860122	SSF x Far_LoA	-9,769	0,040	0,292
CHR7	18604193	CHR7:18604193	SSF x Far_LoA	-8,200	0,089	0,275
CHR7	1861402	CHR7:1861402	SSF x Far_LoA	-9,824	-0,053	0,296
CHR7	1861517	CHR7:1861517	SSF x Far_LoA	-11,673	-0,042	0,282
CHR7	1861522	CHR7:1861522	SSF x Far_LoA	-12,012	0,072	0,274
CHR7	1861593	CHR7:1861593	SSF x Far_LoA	-11,804	0,070	0,280
CHR7	1861741	CHR7:1861741	SSF x Far_LoA	-10,393	-0,037	0,297
CHR7	1862594	CHR7:1862594	SSF x Far_LoA	-9,954	-0,003	0,285
CHR7	1862676	CHR7:1862676	SSF x Far_LoA	-11,014	0,069	0,289
CHR7	1862678	CHR7:1862678	SSF x Far_LoA	-9,547	0,033	0,299
CHR7	1862685	CHR7:1862685	SSF x Far_LoA	-9,874	-0,076	0,266
CHR7	1862697	CHR7:1862697	SSF x Far_LoA	-10,135	-0,115	0,274
CHR7	18643649	CHR7:18643649	SSF x Far_LoA	-7,627	0,114	0,299
CHR7	18643660	CHR7:18643660	SSF x Far_LoA	-9,296	0,074	0,292
CHR7	18643713	CHR7:18643713	SSF x Far_LoA	-9,113	-0,043	0,288
CHR7	18643724	CHR7:18643724	SSF x Far_LoA	-8,020	-0,016	0,300
CHR7	18643726	CHR7:18643726	SSF x Far_LoA	-10,122	0,048	0,302
CHR7	18643728	CHR7:18643728	SSF x Far_LoA	-8,951	-0,177	0,272
CHR7	18643808	CHR7:18643808	SSF x Far_LoA	-11,049	-0,029	0,297
CHR7	1868518	CHR7:1868518	SSF x Far_LoA	-9,378	-0,006	0,283
CHR7	1868573	CHR7:1868573	SSF x Far_LoA	-11,936	-0,021	0,288
CHR7	1868746	CHR7:1868746	SSF x Far_LoA	-9,437	-0,008	0,290
CHR7	1868768	CHR7:1868768	SSF x Far_LoA	-11,175	-0,106	0,289
CHR7	1868774	CHR7:1868774	SSF x Far_LoA	-9,642	-0,022	0,289
CHR7	18700755	CHR7:18700755	SSF x Far_LoA	-8,335	-0,102	0,284
CHR7	18700792	CHR7:18700792	SSF x Far_LoA	-7,260	0,134	0,277
CHR7	18711679	CHR7:18711679	SSF x Far_LoA	-7,936	-0,027	0,291
CHR7	18711727	CHR7:18711727	SSF x Far_LoA	-9,514	0,028	0,310
CHR7	18711750	CHR7:18711750	SSF x Far_LoA	-9,518	0,019	0,309
CHR7	18714702	CHR7:18714702	SSF x Far_LoA	-11,811	0,024	0,287

CHR7	18737264	CHR7:18737264	SSF x Far_LoA	-10,672	0,110	0,293
CHR7	18737527	CHR7:18737527	SSF x Far_LoA	-12,128	0,012	0,296
CHR7	18737584	CHR7:18737584	SSF x Far_LoA	-8,080	-0,099	0,278
CHR7	18752693	CHR7:18752693	SSF x Far_LoA	-7,911	0,019	0,296
CHR7	18752702	CHR7:18752702	SSF x Far_LoA	-6,945	0,029	0,293
CHR7	18752736	CHR7:18752736	SSF x Far_LoA	-9,646	0,013	0,298
CHR7	18752804	CHR7:18752804	SSF x Far_LoA	-8,341	0,067	0,291
CHR7	18752820	CHR7:18752820	SSF x Far_LoA	-9,489	0,019	0,298
CHR7	18752935	CHR7:18752935	SSF x Far_LoA	-9,513	0,150	0,294
CHR7	18753115	CHR7:18753115	SSF x Far_LoA	-10,529	-0,143	0,287
CHR7	18775668	CHR7:18775668	SSF x Far_LoA	-7,681	-0,006	0,298
CHR7	18775692	CHR7:18775692	SSF x Far_LoA	-8,301	0,044	0,300
CHR7	1877923	CHR7:1877923	SSF x Far_LoA	-9,651	-0,068	0,293
CHR7	18813507	CHR7:18813507	SSF x Far_LoA	-9,328	0,116	0,291
CHR7	18813651	CHR7:18813651	SSF x Far_LoA	-9,711	0,056	0,300
CHR7	18817090	CHR7:18817090	SSF x Far_LoA	-9,488	0,006	0,287
CHR7	18817095	CHR7:18817095	SSF x Far_LoA	-7,438	-0,092	0,295
CHR7	18817122	CHR7:18817122	SSF x Far_LoA	-10,755	-0,123	0,266
CHR7	18817190	CHR7:18817190	SSF x Far_LoA	-6,434	0,015	0,299
CHR7	18817211	CHR7:18817211	SSF x Far_LoA	-3,799	-0,075	0,290
CHR7	18823179	CHR7:18823179	SSF x Far_LoA	-9,944	-0,103	0,288
CHR7	18823184	CHR7:18823184	SSF x Far_LoA	-10,207	-0,049	0,289
CHR7	18823186	CHR7:18823186	SSF x Far_LoA	-8,708	-0,085	0,305
CHR7	18823205	CHR7:18823205	SSF x Far_LoA	-9,589	-0,027	0,290
CHR7	18823209	CHR7:18823209	SSF x Far_LoA	-10,491	-0,049	0,294
CHR7	18823273	CHR7:18823273	SSF x Far_LoA	-9,193	-0,045	0,292
CHR7	18832370	CHR7:18832370	SSF x Far_LoA	-11,120	0,042	0,294
CHR7	18841994	CHR7:18841994	SSF x Far_LoA	-11,526	0,024	0,291
CHR7	18842127	CHR7:18842127	SSF x Far_LoA	-6,474	0,168	0,275
CHR7	18851134	CHR7:18851134	SSF x Far_LoA	-9,146	0,004	0,281
CHR7	18872430	CHR7:18872430	SSF x Far_LoA	-8,558	-0,029	0,298
CHR7	18872439	CHR7:18872439	SSF x Far_LoA	-10,254	-0,030	0,291
CHR7	18872538	CHR7:18872538	SSF x Far_LoA	-11,663	-0,027	0,281
CHR7	18872663	CHR7:18872663	SSF x Far_LoA	-9,035	-0,048	0,299
CHR7	18887098	CHR7:18887098	SSF x Far_LoA	-8,339	-0,117	0,286
CHR7	18887172	CHR7:18887172	SSF x Far_LoA	-8,519	0,120	0,290
CHR7	18887319	CHR7:18887319	SSF x Far_LoA	-8,011	0,008	0,285
CHR7	1891179	CHR7:1891179	SSF x Far_LoA	-8,500	-0,031	0,285
CHR7	18912271	CHR7:18912271	SSF x Far_LoA	-10,109	-0,017	0,289
CHR7	1891229	CHR7:1891229	SSF x Far_LoA	-7,487	-0,085	0,286
CHR7	18946757	CHR7:18946757	SSF x Far_LoA	-9,129	0,117	0,284
CHR7	18952345	CHR7:18952345	SSF x Far_LoA	11,939	-0,010	0,302
CHR7	18970007	CHR7:18970007	SSF x Far_LoA	-9,264	0,112	0,287
CHR7	18970029	CHR7:18970029	SSF x Far_LoA	-6,212	0,142	0,292
CHR7	18970052	CHR7:18970052	SSF x Far_LoA	-8,862	0,041	0,299
CHR7	18970101	CHR7:18970101	SSF x Far_LoA	-8,338	0,115	0,287
CHR7	18970191	CHR7:18970191	SSF x Far_LoA	-8,652	0,066	0,293
CHR7	18970192	CHR7:18970192	SSF x Far_LoA	-10,135	0,013	0,278
CHR7	18970323	CHR7:18970323	SSF x Far_LoA	-8,008	-0,017	0,284
CHR7	18970370	CHR7:18970370	SSF x Far_LoA	-7,482	0,142	0,293
CHR7	18970388	CHR7:18970388	SSF x Far_LoA	-6,776	0,133	0,287
CHR7	18970391	CHR7:18970391	SSF x Far_LoA	-6,192	0,124	0,282
CHR7	18970396	CHR7:18970396	SSF x Far_LoA	-7,315	0,126	0,298

CHR7	18970403	CHR7:18970403	SSF x Far_LoA	-10,939	-0,069	0,282
CHR7	18988503	CHR7:18988503	SSF x Far_LoA	-10,549	-0,040	0,296
CHR7	18996306	CHR7:18996306	SSF x Far_LoA	-10,029	-0,008	0,287
CHR7	19021881	CHR7:19021881	SSF x Far_LoA	-5,055	-0,058	0,301
CHR7	19021936	CHR7:19021936	SSF x Far_LoA	-9,543	-0,094	0,285
CHR7	19022781	CHR7:19022781	SSF x Far_LoA	-4,437	0,114	0,299
CHR7	19022790	CHR7:19022790	SSF x Far_LoA	-9,171	-0,052	0,286
CHR7	19022793	CHR7:19022793	SSF x Far_LoA	-9,129	0,004	0,293
CHR7	19022828	CHR7:19022828	SSF x Far_LoA	-6,449	0,161	0,277
CHR7	19022848	CHR7:19022848	SSF x Far_LoA	-8,096	0,084	0,294
CHR7	19022852	CHR7:19022852	SSF x Far_LoA	-8,395	0,153	0,280
CHR7	19041029	CHR7:19041029	SSF x Far_LoA	-11,725	0,069	0,283
CHR7	19054606	CHR7:19054606	SSF x Far_LoA	-8,371	-0,075	0,300
CHR7	19054687	CHR7:19054687	SSF x Far_LoA	-8,897	-0,058	0,287
CHR7	19054784	CHR7:19054784	SSF x Far_LoA	-7,838	0,163	0,297
CHR7	19060653	CHR7:19060653	SSF x Far_LoA	-6,855	0,213	0,274
CHR7	19060823	CHR7:19060823	SSF x Far_LoA	-9,549	0,134	0,292
CHR7	19060832	CHR7:19060832	SSF x Far_LoA	-9,461	0,134	0,287
CHR7	19079517	CHR7:19079517	SSF x Far_LoA	-9,447	-0,096	0,281
CHR7	19079527	CHR7:19079527	SSF x Far_LoA	-8,595	0,069	0,301
CHR7	19079532	CHR7:19079532	SSF x Far_LoA	-9,040	-0,081	0,281
CHR7	19079603	CHR7:19079603	SSF x Far_LoA	-9,255	0,051	0,270
CHR7	19079604	CHR7:19079604	SSF x Far_LoA	6,320	0,055	0,280
CHR7	19079610	CHR7:19079610	SSF x Far_LoA	0,575	0,036	0,283
CHR7	19084470	CHR7:19084470	SSF x Far_LoA	-10,713	0,061	0,296
CHR7	19084482	CHR7:19084482	SSF x Far_LoA	-7,657	-0,004	0,299
CHR7	19084518	CHR7:19084518	SSF x Far_LoA	-3,909	-0,269	0,254
CHR7	19097341	CHR7:19097341	SSF x Far_LoA	-10,044	0,079	0,294
CHR7	19130038	CHR7:19130038	SSF x Far_LoA	-8,542	0,041	0,300
CHR7	19130076	CHR7:19130076	SSF x Far_LoA	-8,342	0,106	0,292
CHR7	19131200	CHR7:19131200	SSF x Far_LoA	-11,739	-0,015	0,288
CHR7	19136195	CHR7:19136195	SSF x Far_LoA	-8,583	0,019	0,291
CHR7	19136308	CHR7:19136308	SSF x Far_LoA	-10,928	0,041	0,285
CHR7	19136465	CHR7:19136465	SSF x Far_LoA	-9,513	-0,043	0,296
CHR7	19136473	CHR7:19136473	SSF x Far_LoA	-10,781	-0,061	0,284
CHR7	19139530	CHR7:19139530	SSF x Far_LoA	-8,583	-0,162	0,293
CHR7	19139727	CHR7:19139727	SSF x Far_LoA	-9,941	0,084	0,290
CHR7	19151623	CHR7:19151623	SSF x Far_LoA	-8,381	0,014	0,293
CHR7	19151691	CHR7:19151691	SSF x Far_LoA	-9,254	-0,106	0,286
CHR7	19154042	CHR7:19154042	SSF x Far_LoA	-10,300	0,001	0,296
CHR7	19154291	CHR7:19154291	SSF x Far_LoA	-9,858	0,065	0,286
CHR7	1915879	CHR7:1915879	SSF x Far_LoA	-6,977	0,140	0,276
CHR7	19160226	CHR7:19160226	SSF x Far_LoA	-9,513	0,187	0,276
CHR7	1916042	CHR7:1916042	SSF x Far_LoA	-10,549	-0,084	0,293
CHR7	19161310	CHR7:19161310	SSF x Far_LoA	-6,617	0,146	0,281
CHR7	1917011	CHR7:1917011	SSF x Far_LoA	-11,490	-0,029	0,286
CHR7	1917014	CHR7:1917014	SSF x Far_LoA	-12,562	-0,027	0,281
CHR7	1917015	CHR7:1917015	SSF x Far_LoA	-10,884	-0,018	0,273
CHR7	19181996	CHR7:19181996	SSF x Far_LoA	-10,050	0,066	0,288
CHR7	19184408	CHR7:19184408	SSF x Far_LoA	-8,112	-0,004	0,293
CHR7	19184639	CHR7:19184639	SSF x Far_LoA	-10,870	-0,025	0,299
CHR7	19192388	CHR7:19192388	SSF x Far_LoA	-9,402	-0,114	0,300
CHR7	19192517	CHR7:19192517	SSF x Far_LoA	-8,890	-0,069	0,309

CHR7	19207754	CHR7:19207754	SSF x Far_LoA	-7,892	-0,007	0,311
CHR7	19207796	CHR7:19207796	SSF x Far_LoA	-9,558	0,035	0,288
CHR7	19248330	CHR7:19248330	SSF x Far_LoA	-8,330	-0,004	0,301
CHR7	19249662	CHR7:19249662	SSF x Far_LoA	-3,905	0,091	0,278
CHR7	19249711	CHR7:19249711	SSF x Far_LoA	-10,854	0,014	0,272
CHR7	19257477	CHR7:19257477	SSF x Far_LoA	-11,562	0,037	0,297
CHR7	19257505	CHR7:19257505	SSF x Far_LoA	-8,462	-0,002	0,299
CHR7	19257543	CHR7:19257543	SSF x Far_LoA	-3,751	-0,129	0,273
CHR7	19257544	CHR7:19257544	SSF x Far_LoA	-11,188	-0,057	0,291
CHR7	19257609	CHR7:19257609	SSF x Far_LoA	-11,319	0,010	0,291
CHR7	19257774	CHR7:19257774	SSF x Far_LoA	-8,028	0,036	0,296
CHR7	19261780	CHR7:19261780	SSF x Far_LoA	-10,310	-0,066	0,292
CHR7	19283161	CHR7:19283161	SSF x Far_LoA	-9,192	-0,106	0,276
CHR7	19283244	CHR7:19283244	SSF x Far_LoA	-10,084	0,001	0,283
CHR7	19283289	CHR7:19283289	SSF x Far_LoA	3,166	-0,175	0,299
CHR7	19295755	CHR7:19295755	SSF x Far_LoA	-11,656	0,041	0,287
CHR7	19296463	CHR7:19296463	SSF x Far_LoA	-10,916	-0,066	0,283
CHR7	19296494	CHR7:19296494	SSF x Far_LoA	-8,781	-0,046	0,284
CHR7	19296544	CHR7:19296544	SSF x Far_LoA	-8,324	-0,035	0,298
CHR7	19297709	CHR7:19297709	SSF x Far_LoA	-11,456	-0,094	0,279
CHR7	19300516	CHR7:19300516	SSF x Far_LoA	-10,543	0,108	0,264
CHR7	19304265	CHR7:19304265	SSF x Far_LoA	-12,075	0,025	0,290
CHR7	19304275	CHR7:19304275	SSF x Far_LoA	-9,916	0,040	0,299
CHR7	19304359	CHR7:19304359	SSF x Far_LoA	-9,993	0,111	0,286
CHR7	19304380	CHR7:19304380	SSF x Far_LoA	-12,039	-0,032	0,265
CHR7	19304404	CHR7:19304404	SSF x Far_LoA	-11,048	-0,035	0,294
CHR7	19304520	CHR7:19304520	SSF x Far_LoA	-10,709	0,081	0,290
CHR7	19311238	CHR7:19311238	SSF x Far_LoA	-10,151	0,070	0,280
CHR7	19311259	CHR7:19311259	SSF x Far_LoA	-8,444	0,056	0,301
CHR7	19348180	CHR7:19348180	SSF x Far_LoA	-8,971	0,022	0,299
CHR7	19348306	CHR7:19348306	SSF x Far_LoA	-9,561	0,041	0,286
CHR7	19348462	CHR7:19348462	SSF x Far_LoA	-10,544	-0,042	0,288
CHR7	19348472	CHR7:19348472	SSF x Far_LoA	-11,455	-0,053	0,280
CHR7	19352023	CHR7:19352023	SSF x Far_LoA	-7,633	-0,123	0,294
CHR7	19352097	CHR7:19352097	SSF x Far_LoA	-4,823	-0,109	0,307
CHR7	19402519	CHR7:19402519	SSF x Far_LoA	-8,979	-0,063	0,296
CHR7	19407244	CHR7:19407244	SSF x Far_LoA	-9,333	0,001	0,298
CHR7	19407261	CHR7:19407261	SSF x Far_LoA	-10,080	0,034	0,286
CHR7	19407262	CHR7:19407262	SSF x Far_LoA	-9,449	-0,024	0,290
CHR7	19407292	CHR7:19407292	SSF x Far_LoA	-9,068	0,014	0,301
CHR7	19407388	CHR7:19407388	SSF x Far_LoA	-9,924	-0,066	0,314
CHR7	19407460	CHR7:19407460	SSF x Far_LoA	-8,989	0,048	0,292
CHR7	19407538	CHR7:19407538	SSF x Far_LoA	-7,425	0,182	0,288
CHR7	19407550	CHR7:19407550	SSF x Far_LoA	-11,598	-0,010	0,286
CHR7	19415635	CHR7:19415635	SSF x Far_LoA	-8,872	-0,117	0,292
CHR7	19415736	CHR7:19415736	SSF x Far_LoA	-9,832	0,017	0,297
CHR7	19415745	CHR7:19415745	SSF x Far_LoA	-2,491	-0,028	0,307
CHR7	19420235	CHR7:19420235	SSF x Far_LoA	-8,494	-0,158	0,284
CHR7	19420342	CHR7:19420342	SSF x Far_LoA	-10,962	0,034	0,288
CHR7	19420409	CHR7:19420409	SSF x Far_LoA	-8,975	-0,009	0,302
CHR7	19420445	CHR7:19420445	SSF x Far_LoA	-9,427	0,051	0,285
CHR7	19420446	CHR7:19420446	SSF x Far_LoA	-2,383	0,045	0,280
CHR7	19421285	CHR7:19421285	SSF x Far_LoA	-7,297	-0,062	0,298

CHR7	19423126	CHR7:19423126	SSF x Far_LoA	-9,762	-0,027	0,293
CHR7	19423300	CHR7:19423300	SSF x Far_LoA	-11,909	-0,026	0,281
CHR7	19427320	CHR7:19427320	SSF x Far_LoA	-10,901	-0,026	0,284
CHR7	19430705	CHR7:19430705	SSF x Far_LoA	-8,311	0,057	0,279
CHR7	19430749	CHR7:19430749	SSF x Far_LoA	-10,629	-0,074	0,298
CHR7	19431124	CHR7:19431124	SSF x Far_LoA	-10,494	0,008	0,296
CHR7	19431193	CHR7:19431193	SSF x Far_LoA	-7,132	0,066	0,284
CHR7	19431228	CHR7:19431228	SSF x Far_LoA	-10,978	-0,092	0,284
CHR7	1943479	CHR7:1943479	SSF x Far_LoA	-6,488	0,070	0,282
CHR7	19441768	CHR7:19441768	SSF x Far_LoA	-8,804	-0,036	0,286
CHR7	19448242	CHR7:19448242	SSF x Far_LoA	-11,245	0,024	0,281
CHR7	19448565	CHR7:19448565	SSF x Far_LoA	-10,685	-0,065	0,274
CHR7	19454303	CHR7:19454303	SSF x Far_LoA	-8,707	-0,136	0,294
CHR7	19454356	CHR7:19454356	SSF x Far_LoA	-9,072	-0,083	0,285
CHR7	19454502	CHR7:19454502	SSF x Far_LoA	-8,956	-0,051	0,287
CHR7	19461384	CHR7:19461384	SSF x Far_LoA	-8,283	-0,084	0,295
CHR7	19462644	CHR7:19462644	SSF x Far_LoA	-7,520	-0,085	0,279
CHR7	19468744	CHR7:19468744	SSF x Far_LoA	-9,646	0,073	0,294
CHR7	19468815	CHR7:19468815	SSF x Far_LoA	-10,544	-0,031	0,287
CHR7	19468855	CHR7:19468855	SSF x Far_LoA	-6,437	-0,090	0,291
CHR7	19468941	CHR7:19468941	SSF x Far_LoA	-8,033	0,061	0,295
CHR7	19468953	CHR7:19468953	SSF x Far_LoA	-1,953	-0,249	0,268
CHR7	19469645	CHR7:19469645	SSF x Far_LoA	-9,322	0,016	0,290
CHR7	19469659	CHR7:19469659	SSF x Far_LoA	-6,608	-0,034	0,290
CHR7	19469706	CHR7:19469706	SSF x Far_LoA	-10,427	0,046	0,282
CHR7	19479610	CHR7:19479610	SSF x Far_LoA	-4,815	-0,049	0,291
CHR7	1948428	CHR7:1948428	SSF x Far_LoA	-9,779	0,063	0,289
CHR7	1949516	CHR7:1949516	SSF x Far_LoA	-10,397	-0,026	0,294
CHR7	1949579	CHR7:1949579	SSF x Far_LoA	-8,574	-0,038	0,301
CHR7	2E+07	CHR7:19503296	SSF x Far_LoA	-3,400	-0,020	0,295
CHR7	2E+07	CHR7:19503330	SSF x Far_LoA	-7,217	-0,045	0,291
CHR7	2E+07	CHR7:19504765	SSF x Far_LoA	-4,431	0,098	0,291
CHR7	2E+07	CHR7:19507678	SSF x Far_LoA	-10,824	-0,069	0,271
CHR7	2E+07	CHR7:19507766	SSF x Far_LoA	-10,477	-0,024	0,293
CHR7	2E+07	CHR7:19507915	SSF x Far_LoA	-8,802	-0,029	0,285
CHR7	2E+07	CHR7:19535402	SSF x Far_LoA	-9,140	-0,048	0,282
CHR7	2E+07	CHR7:19535403	SSF x Far_LoA	-9,157	-0,058	0,304
CHR7	2E+07	CHR7:19535501	SSF x Far_LoA	-8,170	-0,145	0,293
CHR7	2E+07	CHR7:19535641	SSF x Far_LoA	0,598	-0,112	0,296
CHR7	2E+07	CHR7:19543593	SSF x Far_LoA	-8,685	-0,001	0,292
CHR7	2E+07	CHR7:19543605	SSF x Far_LoA	-10,557	-0,077	0,293
CHR7	2E+07	CHR7:19543615	SSF x Far_LoA	-5,689	-0,103	0,293
CHR7	2E+07	CHR7:19543739	SSF x Far_LoA	-8,603	-0,096	0,281
CHR7	2E+07	CHR7:19543743	SSF x Far_LoA	-9,122	-0,104	0,273
CHR7	2E+07	CHR7:19543753	SSF x Far_LoA	-6,547	0,076	0,296
CHR7	2E+07	CHR7:19543758	SSF x Far_LoA	-8,089	-0,101	0,291
CHR7	2E+07	CHR7:19543792	SSF x Far_LoA	-11,228	0,040	0,295
CHR7	2E+07	CHR7:19543804	SSF x Far_LoA	-9,281	0,089	0,293
CHR7	2E+07	CHR7:19543805	SSF x Far_LoA	-9,120	0,045	0,283
CHR7	2E+07	CHR7:19543819	SSF x Far_LoA	-11,323	0,035	0,288
CHR7	2E+07	CHR7:19573189	SSF x Far_LoA	-10,430	0,043	0,296
CHR7	2E+07	CHR7:19594919	SSF x Far_LoA	-9,768	-0,048	0,295
CHR7	2E+07	CHR7:19594938	SSF x Far_LoA	-9,122	-0,080	0,297

CHR7	2E+07	CHR7:19594970	SSF x Far_LoA	-9,962	0,052	0,280
CHR7	2E+07	CHR7:19594994	SSF x Far_LoA	-6,892	0,055	0,292
CHR7	2E+07	CHR7:19595008	SSF x Far_LoA	-8,427	0,039	0,289
CHR7	2E+07	CHR7:19595018	SSF x Far_LoA	-7,016	0,163	0,282
CHR7	2E+07	CHR7:19600057	SSF x Far_LoA	-8,055	0,069	0,292
CHR7	2E+07	CHR7:19600079	SSF x Far_LoA	-8,823	-0,114	0,295
CHR7	2E+07	CHR7:19600087	SSF x Far_LoA	-8,389	-0,050	0,288
CHR7	2E+07	CHR7:19600167	SSF x Far_LoA	-9,618	0,067	0,290
CHR7	2E+07	CHR7:19600327	SSF x Far_LoA	-8,863	0,031	0,294
CHR7	2E+07	CHR7:19600358	SSF x Far_LoA	-5,514	0,031	0,293
CHR7	2E+07	CHR7:19604390	SSF x Far_LoA	-5,547	0,103	0,293
CHR7	2E+07	CHR7:19604397	SSF x Far_LoA	-7,937	-0,084	0,289
CHR7	2E+07	CHR7:19604428	SSF x Far_LoA	-9,742	-0,097	0,285
CHR7	2E+07	CHR7:19604436	SSF x Far_LoA	-8,005	-0,021	0,289
CHR7	2E+07	CHR7:19604456	SSF x Far_LoA	-8,279	0,082	0,292
CHR7	2E+07	CHR7:19604479	SSF x Far_LoA	-9,233	-0,074	0,303
CHR7	2E+07	CHR7:19609013	SSF x Far_LoA	-10,061	-0,087	0,284
CHR7	2E+07	CHR7:19609709	SSF x Far_LoA	-9,705	0,130	0,279
CHR7	2E+07	CHR7:19609720	SSF x Far_LoA	-8,986	-0,013	0,285
CHR7	2E+07	CHR7:19609873	SSF x Far_LoA	-10,262	0,126	0,288
CHR7	2E+07	CHR7:19614605	SSF x Far_LoA	-7,536	0,155	0,277
CHR7	2E+07	CHR7:19614689	SSF x Far_LoA	-10,194	0,097	0,282
CHR7	2E+07	CHR7:19614718	SSF x Far_LoA	-7,382	-0,078	0,272
CHR7	2E+07	CHR7:19614793	SSF x Far_LoA	-10,357	0,059	0,280
CHR7	2E+07	CHR7:19614802	SSF x Far_LoA	-9,916	0,018	0,293
CHR7	2E+07	CHR7:19615000	SSF x Far_LoA	-10,701	-0,012	0,294
CHR7	2E+07	CHR7:19618933	SSF x Far_LoA	-10,935	-0,049	0,290
CHR7	2E+07	CHR7:19618983	SSF x Far_LoA	-6,287	-0,107	0,292
CHR7	2E+07	CHR7:19619040	SSF x Far_LoA	-6,111	-0,094	0,313
CHR7	2E+07	CHR7:19624777	SSF x Far_LoA	-8,597	0,041	0,282
CHR7	196631	CHR7:196631	SSF x Far_LoA	-12,067	0,051	0,294
CHR7	2E+07	CHR7:19667687	SSF x Far_LoA	-10,704	0,057	0,281
CHR7	2E+07	CHR7:19667728	SSF x Far_LoA	-11,790	0,021	0,275
CHR7	2E+07	CHR7:19667741	SSF x Far_LoA	-8,675	-0,083	0,293
CHR7	2E+07	CHR7:19668243	SSF x Far_LoA	-8,692	-0,045	0,292
CHR7	2E+07	CHR7:19682074	SSF x Far_LoA	-11,472	-0,028	0,285
CHR7	2E+07	CHR7:19682088	SSF x Far_LoA	-9,133	0,040	0,285
CHR7	2E+07	CHR7:19682089	SSF x Far_LoA	-8,044	0,034	0,310
CHR7	2E+07	CHR7:19682113	SSF x Far_LoA	-3,230	0,035	0,298
CHR7	2E+07	CHR7:19682163	SSF x Far_LoA	-8,262	0,067	0,302
CHR7	2E+07	CHR7:19682221	SSF x Far_LoA	-11,067	-0,010	0,284
CHR7	2E+07	CHR7:19687074	SSF x Far_LoA	-9,563	0,015	0,286
CHR7	2E+07	CHR7:19687214	SSF x Far_LoA	-10,538	-0,064	0,289
CHR7	2E+07	CHR7:19687229	SSF x Far_LoA	-10,111	0,094	0,285
CHR7	2E+07	CHR7:19687311	SSF x Far_LoA	-9,003	0,081	0,292
CHR7	2E+07	CHR7:19688979	SSF x Far_LoA	-6,262	-0,032	0,288
CHR7	2E+07	CHR7:19689020	SSF x Far_LoA	-10,160	0,116	0,282
CHR7	2E+07	CHR7:19689123	SSF x Far_LoA	-5,922	0,043	0,308
CHR7	1969293	CHR7:1969293	SSF x Far_LoA	-9,945	0,040	0,302
CHR7	2E+07	CHR7:19703591	SSF x Far_LoA	-11,520	0,052	0,288
CHR7	2E+07	CHR7:19703610	SSF x Far_LoA	-10,117	0,034	0,299
CHR7	2E+07	CHR7:19703882	SSF x Far_LoA	-8,876	0,075	0,296
CHR7	2E+07	CHR7:19717866	SSF x Far_LoA	-5,695	-0,048	0,296

CHR7	1975035	CHR7:1975035	SSF x Far_LoA	-9,976	-0,060	0,307
CHR7	2E+07	CHR7:19753884	SSF x Far_LoA	-8,852	0,042	0,291
CHR7	2E+07	CHR7:19753886	SSF x Far_LoA	-8,594	0,065	0,293
CHR7	1976957	CHR7:1976957	SSF x Far_LoA	-8,707	-0,135	0,297
CHR7	2E+07	CHR7:19770156	SSF x Far_LoA	-9,077	0,058	0,290
CHR7	2E+07	CHR7:19770211	SSF x Far_LoA	-10,744	0,020	0,278
CHR7	197750	CHR7:197750	SSF x Far_LoA	-9,695	0,027	0,287
CHR7	197790	CHR7:197790	SSF x Far_LoA	-8,999	-0,031	0,309
CHR7	197878	CHR7:197878	SSF x Far_LoA	-10,491	0,016	0,294
CHR7	2E+07	CHR7:19804378	SSF x Far_LoA	-10,726	0,045	0,282
CHR7	2E+07	CHR7:19804611	SSF x Far_LoA	-6,220	-0,101	0,285
CHR7	1980527	CHR7:1980527	SSF x Far_LoA	-3,673	-0,016	0,314
CHR7	1980645	CHR7:1980645	SSF x Far_LoA	-10,175	-0,093	0,297
CHR7	1980735	CHR7:1980735	SSF x Far_LoA	-8,907	-0,027	0,275
CHR7	1980740	CHR7:1980740	SSF x Far_LoA	-0,190	0,048	0,294
CHR7	1980777	CHR7:1980777	SSF x Far_LoA	-9,150	0,072	0,291
CHR7	1980818	CHR7:1980818	SSF x Far_LoA	-10,887	0,022	0,294
CHR7	1980824	CHR7:1980824	SSF x Far_LoA	-7,775	0,113	0,308
CHR7	2E+07	CHR7:19809032	SSF x Far_LoA	-10,318	-0,081	0,291
CHR7	2E+07	CHR7:19815171	SSF x Far_LoA	-10,001	-0,178	0,276
CHR7	2E+07	CHR7:19815304	SSF x Far_LoA	-9,632	0,108	0,294
CHR7	2E+07	CHR7:19820714	SSF x Far_LoA	-7,150	-0,192	0,273
CHR7	2E+07	CHR7:19821122	SSF x Far_LoA	-11,008	0,044	0,315
CHR7	1983574	CHR7:1983574	SSF x Far_LoA	-7,875	-0,083	0,277
CHR7	1983758	CHR7:1983758	SSF x Far_LoA	-9,992	-0,036	0,289
CHR7	1983770	CHR7:1983770	SSF x Far_LoA	-11,548	0,051	0,290
CHR7	1983796	CHR7:1983796	SSF x Far_LoA	-9,524	-0,041	0,282
CHR7	1983803	CHR7:1983803	SSF x Far_LoA	-5,477	-0,150	0,285
CHR7	1983842	CHR7:1983842	SSF x Far_LoA	-8,261	0,058	0,279
CHR7	1983876	CHR7:1983876	SSF x Far_LoA	-8,992	-0,090	0,278
CHR7	1983883	CHR7:1983883	SSF x Far_LoA	-8,438	-0,114	0,283
CHR7	2E+07	CHR7:19839959	SSF x Far_LoA	-9,861	-0,077	0,272
CHR7	2E+07	CHR7:19839961	SSF x Far_LoA	-7,996	0,109	0,288
CHR7	2E+07	CHR7:19840007	SSF x Far_LoA	-10,003	0,023	0,296
CHR7	2E+07	CHR7:19844337	SSF x Far_LoA	-8,815	0,201	0,285
CHR7	2E+07	CHR7:19844396	SSF x Far_LoA	-10,113	-0,088	0,287
CHR7	2E+07	CHR7:19851240	SSF x Far_LoA	-11,141	0,023	0,292
CHR7	2E+07	CHR7:19860950	SSF x Far_LoA	-8,482	-0,152	0,281
CHR7	2E+07	CHR7:19861345	SSF x Far_LoA	-5,628	-0,135	0,289
CHR7	2E+07	CHR7:19861363	SSF x Far_LoA	-7,169	0,082	0,285
CHR7	2E+07	CHR7:19861408	SSF x Far_LoA	-9,138	-0,074	0,299
CHR7	2E+07	CHR7:19861457	SSF x Far_LoA	-9,366	-0,002	0,296
CHR7	2E+07	CHR7:19861535	SSF x Far_LoA	2,782	-0,113	0,295
CHR7	2E+07	CHR7:19891110	SSF x Far_LoA	-7,777	-0,033	0,302
CHR7	2E+07	CHR7:19900328	SSF x Far_LoA	-8,232	0,019	0,297
CHR7	2E+07	CHR7:19900426	SSF x Far_LoA	-8,217	-0,027	0,296
CHR7	2E+07	CHR7:19900586	SSF x Far_LoA	-9,290	0,103	0,302
CHR7	2E+07	CHR7:19900590	SSF x Far_LoA	-6,909	-0,075	0,312
CHR7	2E+07	CHR7:19903283	SSF x Far_LoA	-11,703	0,043	0,276
CHR7	2E+07	CHR7:19903298	SSF x Far_LoA	-10,248	0,083	0,292
CHR7	2E+07	CHR7:19903310	SSF x Far_LoA	-8,021	-0,086	0,293
CHR7	2E+07	CHR7:19903360	SSF x Far_LoA	-8,506	-0,036	0,304
CHR7	2E+07	CHR7:19912196	SSF x Far_LoA	-7,016	0,099	0,282

CHR7	2E+07	CHR7:19912216	SSF x Far_LoA	-8,610	-0,111	0,311
CHR7	2E+07	CHR7:19912277	SSF x Far_LoA	-8,826	0,028	0,301
CHR7	2E+07	CHR7:19912321	SSF x Far_LoA	-4,137	0,129	0,299
CHR7	2E+07	CHR7:19912417	SSF x Far_LoA	-7,223	0,160	0,277
CHR7	2E+07	CHR7:19940364	SSF x Far_LoA	-10,772	-0,032	0,306
CHR7	2E+07	CHR7:19940404	SSF x Far_LoA	-10,268	-0,022	0,305
CHR7	2E+07	CHR7:19957215	SSF x Far_LoA	-4,096	0,046	0,288
CHR7	2E+07	CHR7:19992398	SSF x Far_LoA	-6,862	0,088	0,290
CHR7	2E+07	CHR7:19992415	SSF x Far_LoA	-8,482	0,003	0,285
CHR7	2E+07	CHR7:19992428	SSF x Far_LoA	-8,911	0,060	0,267
CHR7	2E+07	CHR7:19992469	SSF x Far_LoA	-10,840	0,076	0,280
CHR7	2E+07	CHR7:20016706	SSF x Far_LoA	-10,761	-0,025	0,289
CHR7	2E+07	CHR7:20017388	SSF x Far_LoA	-8,039	0,039	0,274
CHR7	2E+07	CHR7:20017513	SSF x Far_LoA	-8,005	-0,082	0,294
CHR7	2E+07	CHR7:20028553	SSF x Far_LoA	-9,933	-0,092	0,290
CHR7	2E+07	CHR7:20028609	SSF x Far_LoA	-11,515	0,001	0,280
CHR7	2E+07	CHR7:20028643	SSF x Far_LoA	-8,572	-0,042	0,307
CHR7	2E+07	CHR7:20028759	SSF x Far_LoA	-9,402	-0,011	0,291
CHR7	2E+07	CHR7:20035635	SSF x Far_LoA	-9,124	-0,071	0,290
CHR7	2E+07	CHR7:20035808	SSF x Far_LoA	-8,789	-0,010	0,291
CHR7	2E+07	CHR7:20035817	SSF x Far_LoA	-6,816	-0,023	0,307
CHR7	2E+07	CHR7:20035825	SSF x Far_LoA	-8,129	-0,046	0,298
CHR7	2E+07	CHR7:20035847	SSF x Far_LoA	-11,283	0,010	0,281
CHR7	2E+07	CHR7:20035853	SSF x Far_LoA	-9,414	0,013	0,284
CHR7	2E+07	CHR7:20035862	SSF x Far_LoA	-9,767	-0,068	0,286
CHR7	2E+07	CHR7:20041551	SSF x Far_LoA	-7,947	0,135	0,272
CHR7	2E+07	CHR7:20045668	SSF x Far_LoA	-9,328	-0,011	0,320
CHR7	2E+07	CHR7:20045689	SSF x Far_LoA	-10,125	-0,053	0,294
CHR7	2E+07	CHR7:20066854	SSF x Far_LoA	-11,438	0,025	0,291
CHR7	2E+07	CHR7:20086658	SSF x Far_LoA	-7,339	-0,011	0,289
CHR7	2E+07	CHR7:20086768	SSF x Far_LoA	-10,003	-0,004	0,289
CHR7	2E+07	CHR7:20117302	SSF x Far_LoA	-8,878	0,069	0,297
CHR7	2E+07	CHR7:20117343	SSF x Far_LoA	-8,399	0,112	0,288
CHR7	2E+07	CHR7:20129687	SSF x Far_LoA	-7,923	-0,094	0,289
CHR7	2E+07	CHR7:20129846	SSF x Far_LoA	-11,845	-0,022	0,297
CHR7	2012993	CHR7:2012993	SSF x Far_LoA	-9,811	-0,021	0,287
CHR7	2013008	CHR7:2013008	SSF x Far_LoA	-6,559	-0,061	0,293
CHR7	2013177	CHR7:2013177	SSF x Far_LoA	-9,054	-0,060	0,287
CHR7	2013483	CHR7:2013483	SSF x Far_LoA	-8,869	-0,143	0,280
CHR7	2E+07	CHR7:20151032	SSF x Far_LoA	-1,241	0,181	0,260
CHR7	2E+07	CHR7:20151065	SSF x Far_LoA	-5,998	-0,151	0,277
CHR7	2E+07	CHR7:20151114	SSF x Far_LoA	-9,720	0,053	0,299
CHR7	2E+07	CHR7:20151131	SSF x Far_LoA	-6,459	0,136	0,289
CHR7	2E+07	CHR7:20151138	SSF x Far_LoA	-9,449	-0,068	0,275
CHR7	2E+07	CHR7:20151141	SSF x Far_LoA	-9,849	0,071	0,291
CHR7	2E+07	CHR7:20151226	SSF x Far_LoA	-7,049	0,085	0,299
CHR7	2E+07	CHR7:20162088	SSF x Far_LoA	-10,919	0,068	0,292
CHR7	2E+07	CHR7:20163160	SSF x Far_LoA	-9,857	-0,057	0,289
CHR7	2E+07	CHR7:20163198	SSF x Far_LoA	-11,652	-0,027	0,298
CHR7	2E+07	CHR7:20163281	SSF x Far_LoA	-10,516	-0,123	0,295
CHR7	2E+07	CHR7:20183565	SSF x Far_LoA	-8,910	0,033	0,300
CHR7	2E+07	CHR7:20183639	SSF x Far_LoA	-10,642	0,059	0,306
CHR7	2E+07	CHR7:20183648	SSF x Far_LoA	-8,893	0,085	0,294

CHR7	2E+07	CHR7:20183650	SSF x Far_LoA	-10,748	0,078	0,291
CHR7	2E+07	CHR7:20192299	SSF x Far_LoA	-7,722	0,022	0,291
CHR7	2E+07	CHR7:20194039	SSF x Far_LoA	-8,841	-0,059	0,303
CHR7	2E+07	CHR7:20194168	SSF x Far_LoA	-10,124	0,121	0,279
CHR7	2E+07	CHR7:20200603	SSF x Far_LoA	-9,763	-0,084	0,283
CHR7	2E+07	CHR7:20200639	SSF x Far_LoA	-9,770	-0,102	0,281
CHR7	2E+07	CHR7:20200659	SSF x Far_LoA	-8,595	0,001	0,300
CHR7	2E+07	CHR7:20200765	SSF x Far_LoA	-10,741	0,092	0,287
CHR7	2E+07	CHR7:20200767	SSF x Far_LoA	-9,996	-0,096	0,286
CHR7	2E+07	CHR7:20200826	SSF x Far_LoA	-10,522	0,035	0,284
CHR7	2E+07	CHR7:20209186	SSF x Far_LoA	-11,030	0,032	0,280
CHR7	2E+07	CHR7:20209188	SSF x Far_LoA	-8,856	0,147	0,275
CHR7	2E+07	CHR7:20209191	SSF x Far_LoA	-9,108	-0,079	0,292
CHR7	2E+07	CHR7:20209213	SSF x Far_LoA	-9,799	0,028	0,293
CHR7	2E+07	CHR7:20209302	SSF x Far_LoA	-8,396	-0,016	0,309
CHR7	2E+07	CHR7:20209372	SSF x Far_LoA	-9,323	-0,027	0,282
CHR7	2E+07	CHR7:20209425	SSF x Far_LoA	-10,608	0,041	0,284
CHR7	2E+07	CHR7:20215733	SSF x Far_LoA	-11,715	-0,030	0,279
CHR7	2E+07	CHR7:20218302	SSF x Far_LoA	-11,851	0,039	0,284
CHR7	2E+07	CHR7:20218381	SSF x Far_LoA	-7,301	0,021	0,291
CHR7	2E+07	CHR7:20225786	SSF x Far_LoA	-9,391	-0,111	0,287
CHR7	2024877	CHR7:2024877	SSF x Far_LoA	-11,135	0,041	0,290
CHR7	2024881	CHR7:2024881	SSF x Far_LoA	-8,125	0,005	0,292
CHR7	2025029	CHR7:2025029	SSF x Far_LoA	-8,130	-0,103	0,302
CHR7	2025036	CHR7:2025036	SSF x Far_LoA	-8,925	-0,031	0,290
CHR7	2E+07	CHR7:20274498	SSF x Far_LoA	-8,449	-0,017	0,279
CHR7	2027885	CHR7:2027885	SSF x Far_LoA	-10,827	-0,028	0,295
CHR7	2E+07	CHR7:20290188	SSF x Far_LoA	-11,371	0,000	0,291
CHR7	2E+07	CHR7:20290261	SSF x Far_LoA	-10,687	0,013	0,311
CHR7	2E+07	CHR7:20292531	SSF x Far_LoA	-10,101	-0,024	0,300
CHR7	2E+07	CHR7:20292563	SSF x Far_LoA	-11,934	0,023	0,289
CHR7	2E+07	CHR7:20292679	SSF x Far_LoA	-7,226	-0,044	0,300
CHR7	2E+07	CHR7:20321916	SSF x Far_LoA	-8,263	-0,001	0,292
CHR7	2E+07	CHR7:20321950	SSF x Far_LoA	-9,900	-0,056	0,293
CHR7	2E+07	CHR7:20322048	SSF x Far_LoA	-9,561	-0,005	0,291
CHR7	2032851	CHR7:2032851	SSF x Far_LoA	-9,691	0,015	0,300
CHR7	2033085	CHR7:2033085	SSF x Far_LoA	-10,599	-0,062	0,305
CHR7	2E+07	CHR7:20332542	SSF x Far_LoA	-8,366	-0,040	0,282
CHR7	2E+07	CHR7:20332553	SSF x Far_LoA	-8,391	-0,040	0,274
CHR7	2E+07	CHR7:20332574	SSF x Far_LoA	-8,054	-0,037	0,274
CHR7	2E+07	CHR7:20368068	SSF x Far_LoA	-8,326	0,038	0,298
CHR7	2E+07	CHR7:20368092	SSF x Far_LoA	-8,260	0,013	0,296
CHR7	2E+07	CHR7:20368145	SSF x Far_LoA	-10,543	0,083	0,294
CHR7	2E+07	CHR7:20368159	SSF x Far_LoA	-10,166	0,086	0,297
CHR7	2E+07	CHR7:20368222	SSF x Far_LoA	-8,205	0,114	0,290
CHR7	2E+07	CHR7:20368225	SSF x Far_LoA	-7,459	0,088	0,302
CHR7	2E+07	CHR7:20368235	SSF x Far_LoA	-6,407	0,091	0,298
CHR7	2E+07	CHR7:20368246	SSF x Far_LoA	-8,354	0,135	0,279
CHR7	2E+07	CHR7:20368268	SSF x Far_LoA	-9,807	-0,038	0,299
CHR7	2E+07	CHR7:20368272	SSF x Far_LoA	-11,451	0,051	0,289
CHR7	2E+07	CHR7:20368289	SSF x Far_LoA	-10,744	0,059	0,296
CHR7	2E+07	CHR7:20368290	SSF x Far_LoA	-4,751	-0,050	0,284
CHR7	2E+07	CHR7:20368299	SSF x Far_LoA	-11,700	-0,014	0,294

CHR7	2E+07	CHR7:20371323	SSF x Far_LoA	-10,245	0,050	0,291
CHR7	2E+07	CHR7:20385394	SSF x Far_LoA	-6,767	-0,197	0,292
CHR7	2E+07	CHR7:20385425	SSF x Far_LoA	-5,934	0,143	0,286
CHR7	2E+07	CHR7:20406144	SSF x Far_LoA	-10,677	0,076	0,297
CHR7	2E+07	CHR7:20406159	SSF x Far_LoA	-9,656	-0,152	0,281
CHR7	2E+07	CHR7:20406244	SSF x Far_LoA	-9,115	-0,146	0,285
CHR7	2E+07	CHR7:20422411	SSF x Far_LoA	-8,575	-0,013	0,289
CHR7	2E+07	CHR7:20433840	SSF x Far_LoA	-7,408	-0,125	0,295
CHR7	2E+07	CHR7:20433877	SSF x Far_LoA	-9,889	-0,076	0,292
CHR7	2E+07	CHR7:20433940	SSF x Far_LoA	-11,109	-0,015	0,285
CHR7	2E+07	CHR7:20443529	SSF x Far_LoA	-10,908	0,058	0,289
CHR7	2E+07	CHR7:20443591	SSF x Far_LoA	-7,500	-0,077	0,287
CHR7	2E+07	CHR7:20443621	SSF x Far_LoA	-10,699	-0,073	0,289
CHR7	2E+07	CHR7:20448398	SSF x Far_LoA	-9,859	-0,015	0,284
CHR7	2E+07	CHR7:20448419	SSF x Far_LoA	-10,136	-0,010	0,296
CHR7	2E+07	CHR7:20448432	SSF x Far_LoA	-7,194	0,060	0,305
CHR7	2E+07	CHR7:20448472	SSF x Far_LoA	-7,767	0,108	0,283
CHR7	2E+07	CHR7:20448479	SSF x Far_LoA	-8,931	0,070	0,291
CHR7	2E+07	CHR7:20448481	SSF x Far_LoA	-1,062	0,115	0,284
CHR7	2E+07	CHR7:20448524	SSF x Far_LoA	-7,493	-0,119	0,295
CHR7	2E+07	CHR7:20448550	SSF x Far_LoA	-8,383	0,027	0,298
CHR7	2E+07	CHR7:20448565	SSF x Far_LoA	-8,839	0,034	0,291
CHR7	2E+07	CHR7:20457159	SSF x Far_LoA	-11,773	-0,010	0,283
CHR7	2E+07	CHR7:20462509	SSF x Far_LoA	-8,544	0,069	0,300
CHR7	2E+07	CHR7:20466560	SSF x Far_LoA	-9,140	0,027	0,295
CHR7	2E+07	CHR7:20466890	SSF x Far_LoA	-7,222	-0,030	0,302
CHR7	2E+07	CHR7:20466899	SSF x Far_LoA	-5,801	0,143	0,288
CHR7	2E+07	CHR7:20469444	SSF x Far_LoA	-9,479	-0,014	0,300
CHR7	2E+07	CHR7:20469494	SSF x Far_LoA	-8,772	0,081	0,287
CHR7	2E+07	CHR7:20469495	SSF x Far_LoA	-8,918	-0,050	0,297
CHR7	2E+07	CHR7:20469504	SSF x Far_LoA	-10,899	-0,023	0,295
CHR7	2E+07	CHR7:20469547	SSF x Far_LoA	-11,021	0,006	0,288
CHR7	2E+07	CHR7:20469598	SSF x Far_LoA	-9,164	-0,005	0,283
CHR7	2E+07	CHR7:20469649	SSF x Far_LoA	-9,451	-0,057	0,288
CHR7	2E+07	CHR7:20475968	SSF x Far_LoA	-10,231	0,025	0,307
CHR7	2E+07	CHR7:20475982	SSF x Far_LoA	-8,066	-0,067	0,289
CHR7	2E+07	CHR7:20476037	SSF x Far_LoA	-7,342	-0,078	0,295
CHR7	2E+07	CHR7:20478580	SSF x Far_LoA	-8,244	-0,044	0,291
CHR7	2E+07	CHR7:20478598	SSF x Far_LoA	-11,055	0,046	0,290
CHR7	2E+07	CHR7:20478676	SSF x Far_LoA	-5,129	0,078	0,282
CHR7	2E+07	CHR7:20489804	SSF x Far_LoA	-8,554	-0,039	0,294
CHR7	2E+07	CHR7:20494842	SSF x Far_LoA	-8,359	-0,063	0,298
CHR7	2E+07	CHR7:20494914	SSF x Far_LoA	-9,200	0,031	0,299
CHR7	2E+07	CHR7:20495635	SSF x Far_LoA	-8,708	0,013	0,286
CHR7	2E+07	CHR7:20495641	SSF x Far_LoA	-11,086	0,006	0,285
CHR7	2E+07	CHR7:20496568	SSF x Far_LoA	-10,234	0,025	0,287
CHR7	2E+07	CHR7:20496631	SSF x Far_LoA	-8,320	-0,137	0,289
CHR7	20502974	CHR7:20502974	SSF x Far_LoA	-9,722	-0,001	0,310
CHR7	20506293	CHR7:20506293	SSF x Far_LoA	-9,459	0,028	0,292
CHR7	20506300	CHR7:20506300	SSF x Far_LoA	-8,034	-0,010	0,290
CHR7	20506368	CHR7:20506368	SSF x Far_LoA	-8,990	0,032	0,305
CHR7	2050973	CHR7:2050973	SSF x Far_LoA	-6,793	-0,168	0,281
CHR7	2051039	CHR7:2051039	SSF x Far_LoA	-9,696	-0,006	0,279

CHR7	20523629	CHR7:20523629	SSF x Far_LoA	-11,314	-0,027	0,273
CHR7	20523790	CHR7:20523790	SSF x Far_LoA	-8,265	0,061	0,286
CHR7	20523823	CHR7:20523823	SSF x Far_LoA	-6,734	0,121	0,300
CHR7	20550385	CHR7:20550385	SSF x Far_LoA	-8,390	-0,141	0,285
CHR7	20584587	CHR7:20584587	SSF x Far_LoA	-8,232	0,068	0,293
CHR7	20584614	CHR7:20584614	SSF x Far_LoA	-6,724	0,000	0,286
CHR7	20584661	CHR7:20584661	SSF x Far_LoA	-9,769	-0,061	0,292
CHR7	20584682	CHR7:20584682	SSF x Far_LoA	-6,545	0,148	0,274
CHR7	20584689	CHR7:20584689	SSF x Far_LoA	-8,013	-0,060	0,285
CHR7	20587385	CHR7:20587385	SSF x Far_LoA	-8,239	-0,015	0,289
CHR7	20587426	CHR7:20587426	SSF x Far_LoA	-7,678	-0,006	0,289
CHR7	20592865	CHR7:20592865	SSF x Far_LoA	-9,034	-0,032	0,285
CHR7	20592951	CHR7:20592951	SSF x Far_LoA	-10,491	-0,062	0,286
CHR7	20598979	CHR7:20598979	SSF x Far_LoA	-8,795	-0,037	0,308
CHR7	20599025	CHR7:20599025	SSF x Far_LoA	-4,627	0,136	0,292
CHR7	20599032	CHR7:20599032	SSF x Far_LoA	-8,729	0,013	0,306
CHR7	20599059	CHR7:20599059	SSF x Far_LoA	-10,268	0,014	0,293
CHR7	20599179	CHR7:20599179	SSF x Far_LoA	-5,134	0,199	0,287
CHR7	20599220	CHR7:20599220	SSF x Far_LoA	-11,096	-0,017	0,284
CHR7	20622892	CHR7:20622892	SSF x Far_LoA	-9,476	-0,092	0,290
CHR7	20622893	CHR7:20622893	SSF x Far_LoA	-10,257	-0,081	0,293
CHR7	20623122	CHR7:20623122	SSF x Far_LoA	-8,281	0,021	0,300
CHR7	20623231	CHR7:20623231	SSF x Far_LoA	-12,209	0,036	0,287
CHR7	20625850	CHR7:20625850	SSF x Far_LoA	-8,393	-0,068	0,271
CHR7	20625893	CHR7:20625893	SSF x Far_LoA	-8,646	0,058	0,299
CHR7	20651975	CHR7:20651975	SSF x Far_LoA	-9,044	-0,129	0,294
CHR7	2065294	CHR7:2065294	SSF x Far_LoA	-6,402	0,137	0,274
CHR7	2065315	CHR7:2065315	SSF x Far_LoA	-9,282	0,008	0,272
CHR7	20653794	CHR7:20653794	SSF x Far_LoA	-10,817	0,055	0,282
CHR7	20653818	CHR7:20653818	SSF x Far_LoA	-5,505	-0,032	0,310
CHR7	20653828	CHR7:20653828	SSF x Far_LoA	-7,473	0,072	0,277
CHR7	20653917	CHR7:20653917	SSF x Far_LoA	-9,273	0,023	0,306
CHR7	20653933	CHR7:20653933	SSF x Far_LoA	-8,478	0,073	0,276
CHR7	20653949	CHR7:20653949	SSF x Far_LoA	-6,739	0,085	0,279
CHR7	20653969	CHR7:20653969	SSF x Far_LoA	-8,642	0,078	0,282
CHR7	20654007	CHR7:20654007	SSF x Far_LoA	-7,394	0,018	0,298
CHR7	20654082	CHR7:20654082	SSF x Far_LoA	-10,731	0,057	0,291
CHR7	20654096	CHR7:20654096	SSF x Far_LoA	-7,756	0,135	0,293
CHR7	20654140	CHR7:20654140	SSF x Far_LoA	-8,657	0,073	0,298
CHR7	20654142	CHR7:20654142	SSF x Far_LoA	-4,947	0,046	0,298
CHR7	2065450	CHR7:2065450	SSF x Far_LoA	-8,105	-0,024	0,296
CHR7	20661430	CHR7:20661430	SSF x Far_LoA	-8,684	0,112	0,304
CHR7	20662761	CHR7:20662761	SSF x Far_LoA	-8,658	0,080	0,278
CHR7	20671482	CHR7:20671482	SSF x Far_LoA	-10,308	0,014	0,299
CHR7	20671603	CHR7:20671603	SSF x Far_LoA	-11,420	-0,006	0,289
CHR7	20671646	CHR7:20671646	SSF x Far_LoA	-7,970	0,062	0,279
CHR7	20671707	CHR7:20671707	SSF x Far_LoA	-7,500	0,035	0,298
CHR7	2067370	CHR7:2067370	SSF x Far_LoA	-9,058	-0,106	0,284
CHR7	2067395	CHR7:2067395	SSF x Far_LoA	-9,876	0,009	0,290
CHR7	2067495	CHR7:2067495	SSF x Far_LoA	-11,345	0,002	0,283
CHR7	20687159	CHR7:20687159	SSF x Far_LoA	-9,432	-0,013	0,278
CHR7	20700480	CHR7:20700480	SSF x Far_LoA	-10,042	-0,076	0,286
CHR7	20700532	CHR7:20700532	SSF x Far_LoA	-8,053	-0,100	0,288

CHR7	20700813	CHR7:20700813	SSF x Far_LoA	-9,904	-0,047	0,288
CHR7	20733366	CHR7:20733366	SSF x Far_LoA	-8,913	0,096	0,279
CHR7	20733394	CHR7:20733394	SSF x Far_LoA	-11,548	0,124	0,280
CHR7	20743581	CHR7:20743581	SSF x Far_LoA	-10,927	-0,055	0,303
CHR7	20743798	CHR7:20743798	SSF x Far_LoA	-10,016	0,111	0,276
CHR7	20749599	CHR7:20749599	SSF x Far_LoA	-6,899	0,058	0,284
CHR7	20749604	CHR7:20749604	SSF x Far_LoA	-8,526	0,007	0,295
CHR7	20749619	CHR7:20749619	SSF x Far_LoA	-8,010	0,016	0,306
CHR7	20757726	CHR7:20757726	SSF x Far_LoA	-6,381	-0,182	0,310
CHR7	20757770	CHR7:20757770	SSF x Far_LoA	-5,711	-0,207	0,284
CHR7	20757818	CHR7:20757818	SSF x Far_LoA	-4,969	-0,203	0,288
CHR7	20757822	CHR7:20757822	SSF x Far_LoA	-9,664	-0,050	0,301
CHR7	20760973	CHR7:20760973	SSF x Far_LoA	-9,969	-0,065	0,279
CHR7	20760990	CHR7:20760990	SSF x Far_LoA	-7,440	0,009	0,295
CHR7	20761080	CHR7:20761080	SSF x Far_LoA	-5,911	-0,195	0,289
CHR7	20761096	CHR7:20761096	SSF x Far_LoA	-7,754	-0,165	0,289
CHR7	20766724	CHR7:20766724	SSF x Far_LoA	-9,566	-0,040	0,297
CHR7	20786	CHR7:20786	SSF x Far_LoA	-8,858	0,006	0,291
CHR7	20786425	CHR7:20786425	SSF x Far_LoA	-5,599	-0,129	0,298
CHR7	20786436	CHR7:20786436	SSF x Far_LoA	-8,480	0,129	0,287
CHR7	20786532	CHR7:20786532	SSF x Far_LoA	-9,437	-0,063	0,286
CHR7	20787365	CHR7:20787365	SSF x Far_LoA	-11,121	-0,005	0,289
CHR7	20787406	CHR7:20787406	SSF x Far_LoA	-10,703	-0,027	0,289
CHR7	20787408	CHR7:20787408	SSF x Far_LoA	-11,302	-0,020	0,299
CHR7	20795434	CHR7:20795434	SSF x Far_LoA	-7,380	0,072	0,293
CHR7	20795533	CHR7:20795533	SSF x Far_LoA	-10,474	-0,100	0,292
CHR7	20798525	CHR7:20798525	SSF x Far_LoA	-7,683	-0,068	0,299
CHR7	20799440	CHR7:20799440	SSF x Far_LoA	-3,205	-0,121	0,300
CHR7	20827823	CHR7:20827823	SSF x Far_LoA	-8,920	0,034	0,289
CHR7	20827944	CHR7:20827944	SSF x Far_LoA	-0,038	0,049	0,302
CHR7	20827986	CHR7:20827986	SSF x Far_LoA	-6,964	-0,060	0,296
CHR7	20830156	CHR7:20830156	SSF x Far_LoA	-9,461	-0,020	0,300
CHR7	20830159	CHR7:20830159	SSF x Far_LoA	-8,420	-0,075	0,296
CHR7	20830480	CHR7:20830480	SSF x Far_LoA	-10,536	-0,126	0,297
CHR7	20848888	CHR7:20848888	SSF x Far_LoA	-6,096	0,061	0,306
CHR7	20848960	CHR7:20848960	SSF x Far_LoA	-8,975	-0,086	0,298
CHR7	2085552	CHR7:2085552	SSF x Far_LoA	-7,657	0,089	0,309
CHR7	2085585	CHR7:2085585	SSF x Far_LoA	-8,858	-0,005	0,280
CHR7	20862568	CHR7:20862568	SSF x Far_LoA	-6,446	-0,128	0,285
CHR7	2086855	CHR7:2086855	SSF x Far_LoA	-8,483	0,124	0,289
CHR7	2086865	CHR7:2086865	SSF x Far_LoA	-8,466	0,107	0,301
CHR7	20870057	CHR7:20870057	SSF x Far_LoA	-6,821	-0,061	0,279
CHR7	2087049	CHR7:2087049	SSF x Far_LoA	-7,708	-0,152	0,282
CHR7	20891478	CHR7:20891478	SSF x Far_LoA	-7,924	-0,061	0,299
CHR7	20939647	CHR7:20939647	SSF x Far_LoA	-7,527	-0,150	0,295
CHR7	20940104	CHR7:20940104	SSF x Far_LoA	-10,919	0,020	0,297
CHR7	20942261	CHR7:20942261	SSF x Far_LoA	-10,932	-0,098	0,291
CHR7	20942344	CHR7:20942344	SSF x Far_LoA	-9,632	0,113	0,286
CHR7	20942392	CHR7:20942392	SSF x Far_LoA	-9,194	0,101	0,300
CHR7	20942414	CHR7:20942414	SSF x Far_LoA	-10,405	-0,037	0,294
CHR7	20942441	CHR7:20942441	SSF x Far_LoA	-9,748	-0,040	0,290
CHR7	20948588	CHR7:20948588	SSF x Far_LoA	-10,111	0,027	0,300
CHR7	20948645	CHR7:20948645	SSF x Far_LoA	-7,031	0,164	0,275

CHR7	20948653	CHR7:20948653	SSF x Far_LoA	-10,067	-0,006	0,304
CHR7	20961637	CHR7:20961637	SSF x Far_LoA	-8,155	-0,180	0,284
CHR7	20961823	CHR7:20961823	SSF x Far_LoA	-10,012	0,024	0,279
CHR7	20966	CHR7:20966	SSF x Far_LoA	-9,639	-0,086	0,292
CHR7	20971653	CHR7:20971653	SSF x Far_LoA	-9,435	0,083	0,291
CHR7	20974121	CHR7:20974121	SSF x Far_LoA	-10,684	0,013	0,283
CHR7	20990164	CHR7:20990164	SSF x Far_LoA	-9,021	-0,045	0,293
CHR7	20990185	CHR7:20990185	SSF x Far_LoA	-8,772	0,017	0,291
CHR7	20990218	CHR7:20990218	SSF x Far_LoA	-9,371	0,067	0,285
CHR7	21001524	CHR7:21001524	SSF x Far_LoA	-3,586	-0,042	0,311
CHR7	21001527	CHR7:21001527	SSF x Far_LoA	-8,807	0,137	0,279
CHR7	21001951	CHR7:21001951	SSF x Far_LoA	-8,218	-0,112	0,284
CHR7	21046628	CHR7:21046628	SSF x Far_LoA	-11,060	0,071	0,293
CHR7	21046745	CHR7:21046745	SSF x Far_LoA	-11,771	0,003	0,299
CHR7	21046821	CHR7:21046821	SSF x Far_LoA	-9,106	0,045	0,274
CHR7	21050614	CHR7:21050614	SSF x Far_LoA	-6,182	0,043	0,289
CHR7	21050642	CHR7:21050642	SSF x Far_LoA	-8,775	-0,016	0,290
CHR7	21050654	CHR7:21050654	SSF x Far_LoA	-9,573	0,056	0,275
CHR7	21050676	CHR7:21050676	SSF x Far_LoA	-9,717	-0,081	0,289
CHR7	21050678	CHR7:21050678	SSF x Far_LoA	-6,989	-0,005	0,302
CHR7	21050679	CHR7:21050679	SSF x Far_LoA	-7,622	0,124	0,286
CHR7	21050699	CHR7:21050699	SSF x Far_LoA	-11,829	0,084	0,284
CHR7	21050827	CHR7:21050827	SSF x Far_LoA	-9,218	-0,038	0,291
CHR7	21063034	CHR7:21063034	SSF x Far_LoA	-9,411	0,054	0,285
CHR7	21063090	CHR7:21063090	SSF x Far_LoA	-7,994	0,003	0,276
CHR7	21076028	CHR7:21076028	SSF x Far_LoA	-9,055	-0,058	0,296
CHR7	21076041	CHR7:21076041	SSF x Far_LoA	-9,353	0,096	0,293
CHR7	21076045	CHR7:21076045	SSF x Far_LoA	-1,663	0,055	0,294
CHR7	21076177	CHR7:21076177	SSF x Far_LoA	-8,929	0,086	0,309
CHR7	21076189	CHR7:21076189	SSF x Far_LoA	-10,894	0,096	0,285
CHR7	21080232	CHR7:21080232	SSF x Far_LoA	-9,979	-0,033	0,290
CHR7	21087688	CHR7:21087688	SSF x Far_LoA	-10,896	0,027	0,283
CHR7	21087840	CHR7:21087840	SSF x Far_LoA	-9,151	0,084	0,274
CHR7	21106565	CHR7:21106565	SSF x Far_LoA	-11,548	0,007	0,280
CHR7	21106566	CHR7:21106566	SSF x Far_LoA	-8,494	0,063	0,275
CHR7	21106592	CHR7:21106592	SSF x Far_LoA	-10,078	-0,026	0,287
CHR7	21116942	CHR7:21116942	SSF x Far_LoA	-8,223	-0,170	0,269
CHR7	21117011	CHR7:21117011	SSF x Far_LoA	-10,899	-0,025	0,284
CHR7	21117062	CHR7:21117062	SSF x Far_LoA	-8,249	0,049	0,304
CHR7	21143745	CHR7:21143745	SSF x Far_LoA	-7,299	-0,025	0,293
CHR7	21143782	CHR7:21143782	SSF x Far_LoA	-10,132	0,063	0,288
CHR7	21143846	CHR7:21143846	SSF x Far_LoA	-4,810	-0,099	0,298
CHR7	21143875	CHR7:21143875	SSF x Far_LoA	-10,039	-0,033	0,297
CHR7	21149896	CHR7:21149896	SSF x Far_LoA	-3,823	-0,086	0,288
CHR7	21149955	CHR7:21149955	SSF x Far_LoA	-9,541	0,016	0,295
CHR7	21150061	CHR7:21150061	SSF x Far_LoA	-8,165	0,104	0,305
CHR7	211617	CHR7:211617	SSF x Far_LoA	-5,729	-0,041	0,286
CHR7	21163501	CHR7:21163501	SSF x Far_LoA	-5,348	0,189	0,284
CHR7	21163510	CHR7:21163510	SSF x Far_LoA	-8,646	0,051	0,295
CHR7	21163591	CHR7:21163591	SSF x Far_LoA	-9,830	0,042	0,308
CHR7	21163870	CHR7:21163870	SSF x Far_LoA	-8,465	0,053	0,295
CHR7	21181997	CHR7:21181997	SSF x Far_LoA	-9,352	-0,133	0,289
CHR7	21210423	CHR7:21210423	SSF x Far_LoA	-10,731	-0,069	0,285

CHR7	21210469	CHR7:21210469	SSF x Far_LoA	11,663	-0,099	0,294
CHR7	21210561	CHR7:21210561	SSF x Far_LoA	-6,774	-0,091	0,285
CHR7	21215588	CHR7:21215588	SSF x Far_LoA	-5,927	0,080	0,264
CHR7	21216063	CHR7:21216063	SSF x Far_LoA	-8,759	0,075	0,278
CHR7	21220168	CHR7:21220168	SSF x Far_LoA	-8,747	-0,023	0,298
CHR7	21224570	CHR7:21224570	SSF x Far_LoA	-3,173	0,250	0,283
CHR7	21260440	CHR7:21260440	SSF x Far_LoA	-9,527	0,013	0,293
CHR7	2126746	CHR7:2126746	SSF x Far_LoA	-11,550	-0,060	0,293
CHR7	2126843	CHR7:2126843	SSF x Far_LoA	-11,808	0,061	0,286
CHR7	21279243	CHR7:21279243	SSF x Far_LoA	-12,033	-0,002	0,277
CHR7	21279299	CHR7:21279299	SSF x Far_LoA	-9,772	-0,142	0,294
CHR7	21279435	CHR7:21279435	SSF x Far_LoA	-10,364	-0,028	0,307
CHR7	2128083	CHR7:2128083	SSF x Far_LoA	-9,164	0,033	0,303
CHR7	21295574	CHR7:21295574	SSF x Far_LoA	-8,661	0,188	0,268
CHR7	21297155	CHR7:21297155	SSF x Far_LoA	-11,127	0,008	0,297
CHR7	2132257	CHR7:2132257	SSF x Far_LoA	-6,357	0,167	0,279
CHR7	2132319	CHR7:2132319	SSF x Far_LoA	-6,114	-0,046	0,294
CHR7	2132427	CHR7:2132427	SSF x Far_LoA	-8,560	-0,073	0,293
CHR7	21325460	CHR7:21325460	SSF x Far_LoA	-10,127	-0,098	0,299
CHR7	21325744	CHR7:21325744	SSF x Far_LoA	-8,072	-0,072	0,292
CHR7	21325792	CHR7:21325792	SSF x Far_LoA	-9,109	-0,026	0,279
CHR7	21325831	CHR7:21325831	SSF x Far_LoA	-8,945	0,078	0,281
CHR7	21325855	CHR7:21325855	SSF x Far_LoA	-9,403	-0,025	0,296
CHR7	21325860	CHR7:21325860	SSF x Far_LoA	-11,187	0,022	0,286
CHR7	21353596	CHR7:21353596	SSF x Far_LoA	-10,833	0,015	0,254
CHR7	21353612	CHR7:21353612	SSF x Far_LoA	-7,190	-0,075	0,267
CHR7	21353782	CHR7:21353782	SSF x Far_LoA	-10,988	-0,066	0,280
CHR7	21353857	CHR7:21353857	SSF x Far_LoA	-11,325	-0,068	0,283
CHR7	21382689	CHR7:21382689	SSF x Far_LoA	-10,400	0,036	0,280
CHR7	21382740	CHR7:21382740	SSF x Far_LoA	-10,358	-0,119	0,279
CHR7	21382753	CHR7:21382753	SSF x Far_LoA	-8,522	-0,072	0,302
CHR7	21382787	CHR7:21382787	SSF x Far_LoA	-12,157	-0,001	0,287
CHR7	21382846	CHR7:21382846	SSF x Far_LoA	-7,776	-0,010	0,272
CHR7	21382880	CHR7:21382880	SSF x Far_LoA	-9,394	0,047	0,301
CHR7	21382942	CHR7:21382942	SSF x Far_LoA	-9,971	0,018	0,293
CHR7	21382966	CHR7:21382966	SSF x Far_LoA	-8,152	-0,097	0,282
CHR7	21402193	CHR7:21402193	SSF x Far_LoA	-10,254	-0,093	0,294
CHR7	21402213	CHR7:21402213	SSF x Far_LoA	-7,918	-0,169	0,282
CHR7	21402267	CHR7:21402267	SSF x Far_LoA	-6,867	-0,195	0,289
CHR7	21402420	CHR7:21402420	SSF x Far_LoA	-6,191	-0,098	0,287
CHR7	21402564	CHR7:21402564	SSF x Far_LoA	-11,312	0,005	0,285
CHR7	21402568	CHR7:21402568	SSF x Far_LoA	-8,149	0,003	0,281
CHR7	21406535	CHR7:21406535	SSF x Far_LoA	-4,164	0,076	0,296
CHR7	21411552	CHR7:21411552	SSF x Far_LoA	-9,058	0,001	0,292
CHR7	21411599	CHR7:21411599	SSF x Far_LoA	-8,279	-0,012	0,289
CHR7	21411653	CHR7:21411653	SSF x Far_LoA	-7,285	0,011	0,293
CHR7	21411658	CHR7:21411658	SSF x Far_LoA	-10,393	-0,008	0,285
CHR7	21411685	CHR7:21411685	SSF x Far_LoA	-10,340	0,059	0,301
CHR7	21411697	CHR7:21411697	SSF x Far_LoA	-10,317	-0,005	0,289
CHR7	21411714	CHR7:21411714	SSF x Far_LoA	-9,613	-0,006	0,295
CHR7	21411729	CHR7:21411729	SSF x Far_LoA	-10,838	0,038	0,287
CHR7	21411761	CHR7:21411761	SSF x Far_LoA	-11,440	0,039	0,291
CHR7	21411785	CHR7:21411785	SSF x Far_LoA	-8,123	-0,040	0,286

CHR7	21417648	CHR7:21417648	SSF x Far_LoA	-6,061	0,059	0,291
CHR7	21417651	CHR7:21417651	SSF x Far_LoA	-9,039	0,050	0,298
CHR7	21417653	CHR7:21417653	SSF x Far_LoA	-8,815	0,064	0,302
CHR7	21417655	CHR7:21417655	SSF x Far_LoA	-8,885	0,060	0,300
CHR7	21417712	CHR7:21417712	SSF x Far_LoA	-7,473	0,154	0,288
CHR7	21417808	CHR7:21417808	SSF x Far_LoA	-8,227	0,125	0,292
CHR7	21417822	CHR7:21417822	SSF x Far_LoA	-4,643	0,139	0,282
CHR7	21417850	CHR7:21417850	SSF x Far_LoA	-9,492	-0,036	0,286
CHR7	21430187	CHR7:21430187	SSF x Far_LoA	-7,948	-0,163	0,279
CHR7	21437951	CHR7:21437951	SSF x Far_LoA	-7,509	-0,072	0,299
CHR7	21437976	CHR7:21437976	SSF x Far_LoA	-8,075	0,191	0,293
CHR7	21437985	CHR7:21437985	SSF x Far_LoA	-9,789	-0,053	0,285
CHR7	21438018	CHR7:21438018	SSF x Far_LoA	-9,763	-0,152	0,276
CHR7	21438029	CHR7:21438029	SSF x Far_LoA	-4,105	-0,237	0,259
CHR7	21438052	CHR7:21438052	SSF x Far_LoA	-9,842	-0,058	0,290
CHR7	21438079	CHR7:21438079	SSF x Far_LoA	-10,178	-0,001	0,288
CHR7	21438218	CHR7:21438218	SSF x Far_LoA	-9,604	-0,035	0,290
CHR7	21459158	CHR7:21459158	SSF x Far_LoA	-8,560	-0,029	0,297
CHR7	21459508	CHR7:21459508	SSF x Far_LoA	1,433	0,158	0,284
CHR7	21464257	CHR7:21464257	SSF x Far_LoA	-8,625	0,072	0,281
CHR7	21496345	CHR7:21496345	SSF x Far_LoA	-7,978	-0,039	0,285
CHR7	21496429	CHR7:21496429	SSF x Far_LoA	-9,844	-0,002	0,287
CHR7	21496433	CHR7:21496433	SSF x Far_LoA	-7,242	-0,077	0,296
CHR7	21496547	CHR7:21496547	SSF x Far_LoA	-9,835	0,064	0,290
CHR7	21513562	CHR7:21513562	SSF x Far_LoA	-8,819	0,028	0,298
CHR7	21513599	CHR7:21513599	SSF x Far_LoA	-6,064	0,102	0,289
CHR7	21524697	CHR7:21524697	SSF x Far_LoA	-10,400	-0,023	0,292
CHR7	21524750	CHR7:21524750	SSF x Far_LoA	-9,639	-0,013	0,290
CHR7	21524905	CHR7:21524905	SSF x Far_LoA	-7,094	0,016	0,297
CHR7	21540183	CHR7:21540183	SSF x Far_LoA	-10,380	0,087	0,285
CHR7	21540273	CHR7:21540273	SSF x Far_LoA	-7,939	0,114	0,287
CHR7	21545070	CHR7:21545070	SSF x Far_LoA	-9,306	0,085	0,291
CHR7	21545080	CHR7:21545080	SSF x Far_LoA	-8,117	0,094	0,293
CHR7	21546806	CHR7:21546806	SSF x Far_LoA	-3,344	0,148	0,283
CHR7	21549336	CHR7:21549336	SSF x Far_LoA	-10,184	0,065	0,296
CHR7	21549340	CHR7:21549340	SSF x Far_LoA	-9,096	-0,122	0,290
CHR7	21555411	CHR7:21555411	SSF x Far_LoA	-10,228	-0,005	0,286
CHR7	21555412	CHR7:21555412	SSF x Far_LoA	-7,918	0,012	0,310
CHR7	21555487	CHR7:21555487	SSF x Far_LoA	-10,308	0,071	0,285
CHR7	21555555	CHR7:21555555	SSF x Far_LoA	-9,507	0,063	0,301
CHR7	21555653	CHR7:21555653	SSF x Far_LoA	-8,078	-0,039	0,278
CHR7	21555665	CHR7:21555665	SSF x Far_LoA	-8,509	-0,057	0,284
CHR7	21555675	CHR7:21555675	SSF x Far_LoA	-11,294	-0,058	0,282
CHR7	21555677	CHR7:21555677	SSF x Far_LoA	-10,023	0,024	0,294
CHR7	21564980	CHR7:21564980	SSF x Far_LoA	-8,775	-0,046	0,275
CHR7	21567052	CHR7:21567052	SSF x Far_LoA	-9,238	-0,077	0,291
CHR7	21567070	CHR7:21567070	SSF x Far_LoA	-6,143	-0,020	0,298
CHR7	21574819	CHR7:21574819	SSF x Far_LoA	-10,908	-0,081	0,278
CHR7	21574858	CHR7:21574858	SSF x Far_LoA	-10,281	0,058	0,293
CHR7	21574883	CHR7:21574883	SSF x Far_LoA	-2,850	-0,026	0,300
CHR7	21575050	CHR7:21575050	SSF x Far_LoA	-9,002	0,047	0,280
CHR7	21580064	CHR7:21580064	SSF x Far_LoA	-6,909	0,209	0,282
CHR7	2159642	CHR7:2159642	SSF x Far_LoA	-10,521	0,061	0,293

CHR7	21596878	CHR7:21596878	SSF x Far_LoA	-6,376	-0,095	0,278
CHR7	2159792	CHR7:2159792	SSF x Far_LoA	-9,532	0,007	0,298
CHR7	21605541	CHR7:21605541	SSF x Far_LoA	-10,836	0,019	0,294
CHR7	21616332	CHR7:21616332	SSF x Far_LoA	-9,130	0,140	0,285
CHR7	21616337	CHR7:21616337	SSF x Far_LoA	-8,636	-0,038	0,280
CHR7	21616345	CHR7:21616345	SSF x Far_LoA	-9,419	0,176	0,277
CHR7	21616346	CHR7:21616346	SSF x Far_LoA	-10,600	0,155	0,278
CHR7	21616352	CHR7:21616352	SSF x Far_LoA	-8,570	-0,179	0,284
CHR7	21616383	CHR7:21616383	SSF x Far_LoA	-4,938	0,197	0,286
CHR7	21616385	CHR7:21616385	SSF x Far_LoA	-8,150	0,056	0,298
CHR7	21616388	CHR7:21616388	SSF x Far_LoA	-5,316	-0,240	0,280
CHR7	21616397	CHR7:21616397	SSF x Far_LoA	-7,874	-0,098	0,298
CHR7	21616415	CHR7:21616415	SSF x Far_LoA	-8,676	-0,081	0,288
CHR7	21616425	CHR7:21616425	SSF x Far_LoA	-10,505	0,090	0,290
CHR7	21616451	CHR7:21616451	SSF x Far_LoA	-5,008	0,198	0,277
CHR7	21622466	CHR7:21622466	SSF x Far_LoA	-11,300	-0,094	0,293
CHR7	21622613	CHR7:21622613	SSF x Far_LoA	-9,918	-0,022	0,301
CHR7	21642112	CHR7:21642112	SSF x Far_LoA	-7,599	-0,087	0,292
CHR7	21642121	CHR7:21642121	SSF x Far_LoA	-8,528	-0,067	0,289
CHR7	21642203	CHR7:21642203	SSF x Far_LoA	-11,184	0,014	0,294
CHR7	21642329	CHR7:21642329	SSF x Far_LoA	-6,259	0,153	0,294
CHR7	21645767	CHR7:21645767	SSF x Far_LoA	-8,072	0,077	0,300
CHR7	21645800	CHR7:21645800	SSF x Far_LoA	-6,580	-0,074	0,306
CHR7	21645807	CHR7:21645807	SSF x Far_LoA	-7,845	-0,051	0,293
CHR7	21645825	CHR7:21645825	SSF x Far_LoA	-7,091	-0,014	0,306
CHR7	21645975	CHR7:21645975	SSF x Far_LoA	-4,741	-0,188	0,286
CHR7	21654206	CHR7:21654206	SSF x Far_LoA	-9,534	-0,116	0,292
CHR7	21654250	CHR7:21654250	SSF x Far_LoA	-10,445	-0,022	0,310
CHR7	21654284	CHR7:21654284	SSF x Far_LoA	-1,630	-0,077	0,296
CHR7	21654289	CHR7:21654289	SSF x Far_LoA	-10,814	-0,084	0,293
CHR7	21654292	CHR7:21654292	SSF x Far_LoA	-9,976	0,017	0,280
CHR7	21654305	CHR7:21654305	SSF x Far_LoA	-10,760	-0,094	0,283
CHR7	21654418	CHR7:21654418	SSF x Far_LoA	-11,306	-0,056	0,295
CHR7	21654427	CHR7:21654427	SSF x Far_LoA	-8,144	-0,044	0,301
CHR7	21654438	CHR7:21654438	SSF x Far_LoA	-5,828	-0,005	0,305
CHR7	21654442	CHR7:21654442	SSF x Far_LoA	-9,925	0,063	0,296
CHR7	2165823	CHR7:2165823	SSF x Far_LoA	-10,986	-0,055	0,296
CHR7	21668216	CHR7:21668216	SSF x Far_LoA	-8,495	0,064	0,300
CHR7	21668233	CHR7:21668233	SSF x Far_LoA	-8,112	0,057	0,305
CHR7	21668260	CHR7:21668260	SSF x Far_LoA	-9,989	0,077	0,294
CHR7	21668263	CHR7:21668263	SSF x Far_LoA	-8,270	0,073	0,289
CHR7	21668282	CHR7:21668282	SSF x Far_LoA	-7,203	0,120	0,287
CHR7	21668295	CHR7:21668295	SSF x Far_LoA	-8,680	0,042	0,299
CHR7	21668296	CHR7:21668296	SSF x Far_LoA	-9,357	-0,036	0,289
CHR7	21668305	CHR7:21668305	SSF x Far_LoA	-8,742	0,090	0,290
CHR7	21668540	CHR7:21668540	SSF x Far_LoA	-8,914	0,006	0,302
CHR7	21680550	CHR7:21680550	SSF x Far_LoA	-7,855	0,029	0,278
CHR7	21690320	CHR7:21690320	SSF x Far_LoA	-8,013	0,127	0,291
CHR7	21690373	CHR7:21690373	SSF x Far_LoA	-8,503	-0,092	0,291
CHR7	216999	CHR7:216999	SSF x Far_LoA	-9,189	0,087	0,297
CHR7	21710548	CHR7:21710548	SSF x Far_LoA	-5,102	0,079	0,303
CHR7	21710609	CHR7:21710609	SSF x Far_LoA	-10,884	-0,004	0,302
CHR7	21710628	CHR7:21710628	SSF x Far_LoA	-7,197	0,173	0,278

CHR7	21710645	CHR7:21710645	SSF x Far_LoA	-8,714	-0,077	0,286
CHR7	21715120	CHR7:21715120	SSF x Far_LoA	-5,222	-0,084	0,295
CHR7	21715231	CHR7:21715231	SSF x Far_LoA	-8,339	0,160	0,276
CHR7	21717293	CHR7:21717293	SSF x Far_LoA	-8,643	-0,190	0,272
CHR7	2172558	CHR7:2172558	SSF x Far_LoA	-10,579	0,036	0,289
CHR7	2172568	CHR7:2172568	SSF x Far_LoA	-9,076	0,076	0,300
CHR7	2172672	CHR7:2172672	SSF x Far_LoA	-9,740	0,018	0,273
CHR7	21730432	CHR7:21730432	SSF x Far_LoA	-8,357	-0,039	0,296
CHR7	21730437	CHR7:21730437	SSF x Far_LoA	-11,043	-0,045	0,278
CHR7	21730864	CHR7:21730864	SSF x Far_LoA	-9,108	0,055	0,302
CHR7	21750050	CHR7:21750050	SSF x Far_LoA	-11,504	0,102	0,279
CHR7	21750077	CHR7:21750077	SSF x Far_LoA	-11,223	0,006	0,284
CHR7	2175637	CHR7:2175637	SSF x Far_LoA	-7,806	0,046	0,293
CHR7	2175784	CHR7:2175784	SSF x Far_LoA	-10,384	0,015	0,287
CHR7	2175890	CHR7:2175890	SSF x Far_LoA	-8,640	0,097	0,296
CHR7	2175903	CHR7:2175903	SSF x Far_LoA	-8,406	0,000	0,301
CHR7	21767034	CHR7:21767034	SSF x Far_LoA	-10,983	-0,100	0,284
CHR7	21767070	CHR7:21767070	SSF x Far_LoA	-9,417	0,046	0,294
CHR7	21767095	CHR7:21767095	SSF x Far_LoA	-11,803	0,036	0,290
CHR7	21767130	CHR7:21767130	SSF x Far_LoA	-8,953	0,035	0,284
CHR7	21767137	CHR7:21767137	SSF x Far_LoA	-9,386	0,047	0,281
CHR7	21770561	CHR7:21770561	SSF x Far_LoA	-10,040	-0,133	0,300
CHR7	21770668	CHR7:21770668	SSF x Far_LoA	-10,321	0,006	0,291
CHR7	2178726	CHR7:2178726	SSF x Far_LoA	-7,843	0,058	0,301
CHR7	2178739	CHR7:2178739	SSF x Far_LoA	-8,785	0,006	0,300
CHR7	2178748	CHR7:2178748	SSF x Far_LoA	-10,616	0,050	0,286
CHR7	21789964	CHR7:21789964	SSF x Far_LoA	-10,087	0,094	0,287
CHR7	21790010	CHR7:21790010	SSF x Far_LoA	-7,629	-0,073	0,288
CHR7	21790036	CHR7:21790036	SSF x Far_LoA	-9,865	0,041	0,296
CHR7	21790278	CHR7:21790278	SSF x Far_LoA	-8,988	0,079	0,279
CHR7	21794206	CHR7:21794206	SSF x Far_LoA	-8,985	-0,100	0,298
CHR7	21812823	CHR7:21812823	SSF x Far_LoA	-8,180	-0,083	0,290
CHR7	21812846	CHR7:21812846	SSF x Far_LoA	-9,753	0,130	0,269
CHR7	21812875	CHR7:21812875	SSF x Far_LoA	-9,581	-0,037	0,286
CHR7	21812877	CHR7:21812877	SSF x Far_LoA	-10,816	-0,064	0,296
CHR7	21812942	CHR7:21812942	SSF x Far_LoA	-9,755	-0,035	0,306
CHR7	21815121	CHR7:21815121	SSF x Far_LoA	-11,949	0,038	0,291
CHR7	21815165	CHR7:21815165	SSF x Far_LoA	-10,919	0,017	0,296
CHR7	2182078	CHR7:2182078	SSF x Far_LoA	-9,347	-0,015	0,286
CHR7	2182082	CHR7:2182082	SSF x Far_LoA	-10,884	0,070	0,296
CHR7	2182098	CHR7:2182098	SSF x Far_LoA	-9,557	0,005	0,297
CHR7	2182249	CHR7:2182249	SSF x Far_LoA	3,563	0,067	0,298
CHR7	21827558	CHR7:21827558	SSF x Far_LoA	-4,025	-0,123	0,290
CHR7	21827561	CHR7:21827561	SSF x Far_LoA	-7,225	0,176	0,288
CHR7	21827704	CHR7:21827704	SSF x Far_LoA	-8,568	0,150	0,285
CHR7	21827752	CHR7:21827752	SSF x Far_LoA	-2,658	0,233	0,285
CHR7	21827753	CHR7:21827753	SSF x Far_LoA	-5,413	0,214	0,283
CHR7	21827795	CHR7:21827795	SSF x Far_LoA	-9,346	0,165	0,280
CHR7	21827798	CHR7:21827798	SSF x Far_LoA	-3,991	0,192	0,286
CHR7	21836294	CHR7:21836294	SSF x Far_LoA	-10,602	-0,006	0,288
CHR7	21836341	CHR7:21836341	SSF x Far_LoA	-10,903	0,055	0,286
CHR7	21836345	CHR7:21836345	SSF x Far_LoA	-11,482	0,028	0,288
CHR7	21836436	CHR7:21836436	SSF x Far_LoA	-7,167	0,202	0,284

CHR7	21850453	CHR7:21850453	SSF x Far_LoA	-7,013	0,057	0,304
CHR7	21850551	CHR7:21850551	SSF x Far_LoA	-9,424	0,050	0,295
CHR7	21862761	CHR7:21862761	SSF x Far_LoA	-8,650	0,058	0,296
CHR7	21862777	CHR7:21862777	SSF x Far_LoA	-9,834	0,117	0,293
CHR7	21865805	CHR7:21865805	SSF x Far_LoA	-10,657	0,099	0,281
CHR7	21865869	CHR7:21865869	SSF x Far_LoA	-9,273	0,026	0,290
CHR7	21865874	CHR7:21865874	SSF x Far_LoA	-4,948	-0,040	0,293
CHR7	21865926	CHR7:21865926	SSF x Far_LoA	-4,191	0,248	0,273
CHR7	21865981	CHR7:21865981	SSF x Far_LoA	-8,636	0,044	0,282
CHR7	21880304	CHR7:21880304	SSF x Far_LoA	-9,503	-0,047	0,303
CHR7	21880381	CHR7:21880381	SSF x Far_LoA	-10,203	0,061	0,290
CHR7	21880392	CHR7:21880392	SSF x Far_LoA	-8,379	-0,128	0,288
CHR7	21880410	CHR7:21880410	SSF x Far_LoA	-8,463	-0,059	0,298
CHR7	21880439	CHR7:21880439	SSF x Far_LoA	-10,478	-0,057	0,286
CHR7	2188268	CHR7:2188268	SSF x Far_LoA	-6,981	-0,169	0,297
CHR7	21893406	CHR7:21893406	SSF x Far_LoA	-10,354	-0,029	0,289
CHR7	21893631	CHR7:21893631	SSF x Far_LoA	-9,348	-0,101	0,283
CHR7	21897054	CHR7:21897054	SSF x Far_LoA	-9,312	-0,063	0,283
CHR7	21897112	CHR7:21897112	SSF x Far_LoA	-9,855	0,087	0,285
CHR7	21897195	CHR7:21897195	SSF x Far_LoA	-10,615	0,030	0,292
CHR7	21897359	CHR7:21897359	SSF x Far_LoA	-6,714	0,169	0,275
CHR7	2191432	CHR7:2191432	SSF x Far_LoA	-11,406	0,062	0,276
CHR7	21914320	CHR7:21914320	SSF x Far_LoA	-9,969	-0,005	0,311
CHR7	21914499	CHR7:21914499	SSF x Far_LoA	-11,229	-0,004	0,301
CHR7	21914569	CHR7:21914569	SSF x Far_LoA	-11,473	-0,080	0,290
CHR7	21914595	CHR7:21914595	SSF x Far_LoA	-7,936	0,141	0,292
CHR7	2191595	CHR7:2191595	SSF x Far_LoA	-10,698	0,065	0,290
CHR7	21920010	CHR7:21920010	SSF x Far_LoA	-10,138	0,005	0,293
CHR7	21925479	CHR7:21925479	SSF x Far_LoA	-9,969	-0,056	0,300
CHR7	21925512	CHR7:21925512	SSF x Far_LoA	-9,865	-0,056	0,295
CHR7	21925654	CHR7:21925654	SSF x Far_LoA	-8,223	-0,092	0,302
CHR7	21929205	CHR7:21929205	SSF x Far_LoA	-12,449	-0,007	0,286
CHR7	21929213	CHR7:21929213	SSF x Far_LoA	-5,057	-0,146	0,285
CHR7	21935762	CHR7:21935762	SSF x Far_LoA	-8,589	0,009	0,278
CHR7	21943150	CHR7:21943150	SSF x Far_LoA	-4,070	-0,007	0,297
CHR7	21943216	CHR7:21943216	SSF x Far_LoA	-8,750	0,081	0,298
CHR7	21943245	CHR7:21943245	SSF x Far_LoA	-7,429	0,085	0,300
CHR7	2195777	CHR7:2195777	SSF x Far_LoA	-9,965	-0,076	0,300
CHR7	21964055	CHR7:21964055	SSF x Far_LoA	-10,174	0,012	0,292
CHR7	21990734	CHR7:21990734	SSF x Far_LoA	-9,870	-0,004	0,289
CHR7	21990753	CHR7:21990753	SSF x Far_LoA	-7,678	-0,071	0,299
CHR7	21990784	CHR7:21990784	SSF x Far_LoA	-8,636	-0,019	0,298
CHR7	21990795	CHR7:21990795	SSF x Far_LoA	-3,110	-0,098	0,285
CHR7	21990799	CHR7:21990799	SSF x Far_LoA	-8,990	-0,018	0,294
CHR7	21994210	CHR7:21994210	SSF x Far_LoA	-4,043	0,167	0,294
CHR7	21994219	CHR7:21994219	SSF x Far_LoA	-9,305	0,083	0,291
CHR7	21994270	CHR7:21994270	SSF x Far_LoA	-9,503	0,007	0,262
CHR7	21994371	CHR7:21994371	SSF x Far_LoA	-2,095	-0,156	0,270
CHR7	21994394	CHR7:21994394	SSF x Far_LoA	-6,990	0,031	0,299
CHR7	21994403	CHR7:21994403	SSF x Far_LoA	-8,894	0,044	0,286
CHR7	22014538	CHR7:22014538	SSF x Far_LoA	-9,916	-0,020	0,292
CHR7	22014559	CHR7:22014559	SSF x Far_LoA	-1,390	0,031	0,298
CHR7	22014612	CHR7:22014612	SSF x Far_LoA	-10,251	0,002	0,288

CHR7	22014629	CHR7:22014629	SSF x Far_LoA	-9,481	0,007	0,282
CHR7	22014647	CHR7:22014647	SSF x Far_LoA	-12,313	0,039	0,286
CHR7	22014649	CHR7:22014649	SSF x Far_LoA	-8,391	0,073	0,298
CHR7	22014650	CHR7:22014650	SSF x Far_LoA	-9,960	0,051	0,282
CHR7	22014677	CHR7:22014677	SSF x Far_LoA	-12,113	0,045	0,288
CHR7	22014885	CHR7:22014885	SSF x Far_LoA	-8,224	0,096	0,305
CHR7	22014892	CHR7:22014892	SSF x Far_LoA	-9,180	0,023	0,301
CHR7	22030941	CHR7:22030941	SSF x Far_LoA	-8,870	-0,076	0,277
CHR7	2206369	CHR7:2206369	SSF x Far_LoA	-8,577	-0,013	0,309
CHR7	22063821	CHR7:22063821	SSF x Far_LoA	-11,799	0,032	0,295
CHR7	2206491	CHR7:2206491	SSF x Far_LoA	-9,225	-0,065	0,306
CHR7	2206665	CHR7:2206665	SSF x Far_LoA	-8,533	-0,185	0,276
CHR7	22068252	CHR7:22068252	SSF x Far_LoA	-9,000	-0,017	0,288
CHR7	22068272	CHR7:22068272	SSF x Far_LoA	-8,672	0,061	0,294
CHR7	22068274	CHR7:22068274	SSF x Far_LoA	-9,157	0,078	0,279
CHR7	22068277	CHR7:22068277	SSF x Far_LoA	-10,564	-0,019	0,302
CHR7	22068394	CHR7:22068394	SSF x Far_LoA	-8,603	0,054	0,284
CHR7	22096700	CHR7:22096700	SSF x Far_LoA	-9,155	-0,094	0,276
CHR7	22096733	CHR7:22096733	SSF x Far_LoA	-8,800	-0,069	0,278
CHR7	22103081	CHR7:22103081	SSF x Far_LoA	-7,200	0,054	0,296
CHR7	22103163	CHR7:22103163	SSF x Far_LoA	-10,431	-0,052	0,293
CHR7	22103188	CHR7:22103188	SSF x Far_LoA	-10,194	-0,035	0,295
CHR7	22103248	CHR7:22103248	SSF x Far_LoA	-7,705	-0,058	0,304
CHR7	22103467	CHR7:22103467	SSF x Far_LoA	-8,728	-0,093	0,282
CHR7	22126899	CHR7:22126899	SSF x Far_LoA	-8,714	0,103	0,280
CHR7	22135508	CHR7:22135508	SSF x Far_LoA	-8,589	0,062	0,288
CHR7	22146207	CHR7:22146207	SSF x Far_LoA	-9,724	-0,016	0,284
CHR7	22146211	CHR7:22146211	SSF x Far_LoA	-11,255	-0,017	0,296
CHR7	22167281	CHR7:22167281	SSF x Far_LoA	-9,010	-0,002	0,293
CHR7	22172189	CHR7:22172189	SSF x Far_LoA	-11,106	0,054	0,281
CHR7	2219220	CHR7:2219220	SSF x Far_LoA	-9,523	-0,121	0,285
CHR7	2219300	CHR7:2219300	SSF x Far_LoA	-9,670	0,052	0,289
CHR7	2219329	CHR7:2219329	SSF x Far_LoA	-8,999	-0,051	0,287
CHR7	22197998	CHR7:22197998	SSF x Far_LoA	-7,667	0,108	0,301
CHR7	22198010	CHR7:22198010	SSF x Far_LoA	-8,099	0,120	0,292
CHR7	22198014	CHR7:22198014	SSF x Far_LoA	-9,044	-0,056	0,281
CHR7	22198052	CHR7:22198052	SSF x Far_LoA	-10,937	0,040	0,290
CHR7	22198064	CHR7:22198064	SSF x Far_LoA	-4,791	0,126	0,290
CHR7	22199245	CHR7:22199245	SSF x Far_LoA	-8,478	0,018	0,308
CHR7	22199444	CHR7:22199444	SSF x Far_LoA	-9,995	-0,022	0,278
CHR7	22203522	CHR7:22203522	SSF x Far_LoA	-10,582	-0,075	0,300
CHR7	22203526	CHR7:22203526	SSF x Far_LoA	-10,772	-0,091	0,295
CHR7	22203538	CHR7:22203538	SSF x Far_LoA	-6,583	-0,066	0,283
CHR7	22203544	CHR7:22203544	SSF x Far_LoA	-10,685	-0,082	0,292
CHR7	22203545	CHR7:22203545	SSF x Far_LoA	-10,163	-0,093	0,304
CHR7	22203617	CHR7:22203617	SSF x Far_LoA	-10,465	-0,033	0,301
CHR7	22203654	CHR7:22203654	SSF x Far_LoA	-10,015	-0,041	0,297
CHR7	22203676	CHR7:22203676	SSF x Far_LoA	-9,603	-0,019	0,282
CHR7	22203756	CHR7:22203756	SSF x Far_LoA	-9,016	-0,009	0,288
CHR7	22205985	CHR7:22205985	SSF x Far_LoA	-4,108	0,163	0,275
CHR7	22206285	CHR7:22206285	SSF x Far_LoA	-8,543	0,127	0,269
CHR7	22211275	CHR7:22211275	SSF x Far_LoA	-8,763	-0,109	0,302
CHR7	22211279	CHR7:22211279	SSF x Far_LoA	-7,155	-0,117	0,286

CHR7	22211281	CHR7:22211281	SSF x Far_LoA	-9,176	-0,100	0,279
CHR7	22211330	CHR7:22211330	SSF x Far_LoA	-8,663	-0,094	0,296
CHR7	22217277	CHR7:22217277	SSF x Far_LoA	-10,090	-0,096	0,282
CHR7	22217372	CHR7:22217372	SSF x Far_LoA	-5,036	0,086	0,280
CHR7	22222089	CHR7:22222089	SSF x Far_LoA	-9,006	0,050	0,290
CHR7	22222208	CHR7:22222208	SSF x Far_LoA	-10,277	-0,049	0,291
CHR7	22223596	CHR7:22223596	SSF x Far_LoA	-9,530	0,017	0,311
CHR7	22228323	CHR7:22228323	SSF x Far_LoA	-9,123	-0,036	0,290
CHR7	2223061	CHR7:2223061	SSF x Far_LoA	-8,221	0,043	0,289
CHR7	2223133	CHR7:2223133	SSF x Far_LoA	20,513	0,177	0,281
CHR7	2223155	CHR7:2223155	SSF x Far_LoA	-7,693	0,126	0,290
CHR7	2223177	CHR7:2223177	SSF x Far_LoA	6,714	0,174	0,283
CHR7	2223230	CHR7:2223230	SSF x Far_LoA	-6,321	-0,095	0,290
CHR7	2223231	CHR7:2223231	SSF x Far_LoA	-11,862	0,036	0,282
CHR7	22241556	CHR7:22241556	SSF x Far_LoA	-10,420	0,075	0,280
CHR7	22241709	CHR7:22241709	SSF x Far_LoA	-8,367	0,067	0,289
CHR7	22241787	CHR7:22241787	SSF x Far_LoA	-10,866	-0,003	0,302
CHR7	22251445	CHR7:22251445	SSF x Far_LoA	-8,599	-0,068	0,301
CHR7	22251543	CHR7:22251543	SSF x Far_LoA	-7,047	-0,110	0,295
CHR7	22270925	CHR7:22270925	SSF x Far_LoA	-8,451	-0,086	0,294
CHR7	22278917	CHR7:22278917	SSF x Far_LoA	-9,996	-0,103	0,285
CHR7	22279036	CHR7:22279036	SSF x Far_LoA	-12,052	0,016	0,288
CHR7	22279063	CHR7:22279063	SSF x Far_LoA	-9,835	0,083	0,304
CHR7	22279140	CHR7:22279140	SSF x Far_LoA	-10,111	0,061	0,292
CHR7	22282905	CHR7:22282905	SSF x Far_LoA	-11,783	-0,039	0,290
CHR7	22282995	CHR7:22282995	SSF x Far_LoA	-7,583	-0,059	0,298
CHR7	22283038	CHR7:22283038	SSF x Far_LoA	-9,120	0,096	0,281
CHR7	22283045	CHR7:22283045	SSF x Far_LoA	-7,267	0,095	0,280
CHR7	22283056	CHR7:22283056	SSF x Far_LoA	-7,502	0,102	0,282
CHR7	22309572	CHR7:22309572	SSF x Far_LoA	-8,184	0,016	0,282
CHR7	22313298	CHR7:22313298	SSF x Far_LoA	-9,505	-0,091	0,305
CHR7	22313355	CHR7:22313355	SSF x Far_LoA	-10,454	0,074	0,298
CHR7	22313424	CHR7:22313424	SSF x Far_LoA	-5,992	0,065	0,283
CHR7	22320004	CHR7:22320004	SSF x Far_LoA	-6,890	0,132	0,289
CHR7	22320026	CHR7:22320026	SSF x Far_LoA	-11,133	0,050	0,281
CHR7	22322721	CHR7:22322721	SSF x Far_LoA	-7,529	-0,021	0,297
CHR7	22322748	CHR7:22322748	SSF x Far_LoA	-4,456	0,117	0,298
CHR7	22322767	CHR7:22322767	SSF x Far_LoA	-9,110	-0,094	0,314
CHR7	22322768	CHR7:22322768	SSF x Far_LoA	-9,926	-0,013	0,280
CHR7	22322819	CHR7:22322819	SSF x Far_LoA	-9,485	-0,030	0,276
CHR7	22322838	CHR7:22322838	SSF x Far_LoA	-4,232	0,087	0,294
CHR7	22322873	CHR7:22322873	SSF x Far_LoA	-6,966	-0,082	0,284
CHR7	22328236	CHR7:22328236	SSF x Far_LoA	-11,844	0,083	0,275
CHR7	22328315	CHR7:22328315	SSF x Far_LoA	-8,490	0,093	0,272
CHR7	22329951	CHR7:22329951	SSF x Far_LoA	-8,789	0,037	0,303
CHR7	22329964	CHR7:22329964	SSF x Far_LoA	-7,639	-0,067	0,273
CHR7	22330018	CHR7:22330018	SSF x Far_LoA	-6,396	0,162	0,295
CHR7	22330034	CHR7:22330034	SSF x Far_LoA	-10,627	-0,083	0,286
CHR7	22330036	CHR7:22330036	SSF x Far_LoA	-11,498	0,003	0,283
CHR7	22330039	CHR7:22330039	SSF x Far_LoA	-8,476	0,126	0,284
CHR7	22330137	CHR7:22330137	SSF x Far_LoA	-11,458	-0,033	0,296
CHR7	22330218	CHR7:22330218	SSF x Far_LoA	-8,396	0,132	0,298
CHR7	2233064	CHR7:2233064	SSF x Far_LoA	-8,570	0,064	0,297

CHR7	2233124	CHR7:2233124	SSF x Far_LoA	-9,156	-0,010	0,275
CHR7	2233150	CHR7:2233150	SSF x Far_LoA	-10,163	-0,022	0,298
CHR7	22371448	CHR7:22371448	SSF x Far_LoA	-8,774	0,042	0,292
CHR7	22378774	CHR7:22378774	SSF x Far_LoA	-10,416	-0,062	0,300
CHR7	22378888	CHR7:22378888	SSF x Far_LoA	-11,534	0,007	0,296
CHR7	22378924	CHR7:22378924	SSF x Far_LoA	-9,156	-0,064	0,291
CHR7	22378946	CHR7:22378946	SSF x Far_LoA	-9,417	-0,056	0,287
CHR7	22378948	CHR7:22378948	SSF x Far_LoA	-8,679	-0,078	0,281
CHR7	22378949	CHR7:22378949	SSF x Far_LoA	-5,988	-0,062	0,294
CHR7	22379005	CHR7:22379005	SSF x Far_LoA	-9,109	-0,088	0,299
CHR7	22383654	CHR7:22383654	SSF x Far_LoA	-12,502	0,059	0,278
CHR7	22383888	CHR7:22383888	SSF x Far_LoA	-10,027	-0,006	0,299
CHR7	22383895	CHR7:22383895	SSF x Far_LoA	-9,371	-0,006	0,289
CHR7	22385107	CHR7:22385107	SSF x Far_LoA	-6,130	0,125	0,300
CHR7	22388246	CHR7:22388246	SSF x Far_LoA	-8,116	0,057	0,291
CHR7	22388344	CHR7:22388344	SSF x Far_LoA	-7,865	0,069	0,294
CHR7	22388359	CHR7:22388359	SSF x Far_LoA	-10,346	0,009	0,279
CHR7	22394865	CHR7:22394865	SSF x Far_LoA	-7,567	-0,033	0,305
CHR7	2240147	CHR7:2240147	SSF x Far_LoA	-7,273	0,124	0,282
CHR7	22414944	CHR7:22414944	SSF x Far_LoA	-7,442	0,007	0,279
CHR7	22415065	CHR7:22415065	SSF x Far_LoA	-9,249	-0,100	0,297
CHR7	22415092	CHR7:22415092	SSF x Far_LoA	-11,470	-0,051	0,296
CHR7	2242676	CHR7:2242676	SSF x Far_LoA	-7,495	0,017	0,298
CHR7	2242682	CHR7:2242682	SSF x Far_LoA	-7,714	-0,049	0,278
CHR7	22436937	CHR7:22436937	SSF x Far_LoA	-11,380	-0,074	0,299
CHR7	22436941	CHR7:22436941	SSF x Far_LoA	-11,707	-0,053	0,293
CHR7	22437018	CHR7:22437018	SSF x Far_LoA	-9,290	-0,028	0,287
CHR7	22437026	CHR7:22437026	SSF x Far_LoA	-8,788	-0,026	0,286
CHR7	22437100	CHR7:22437100	SSF x Far_LoA	-10,544	-0,027	0,285
CHR7	22437239	CHR7:22437239	SSF x Far_LoA	-10,518	0,019	0,320
CHR7	22463470	CHR7:22463470	SSF x Far_LoA	-11,671	0,070	0,302
CHR7	22469187	CHR7:22469187	SSF x Far_LoA	-11,849	0,020	0,276
CHR7	22469372	CHR7:22469372	SSF x Far_LoA	-8,891	0,043	0,289
CHR7	2247556	CHR7:2247556	SSF x Far_LoA	-10,156	0,035	0,300
CHR7	2247739	CHR7:2247739	SSF x Far_LoA	-4,853	-0,032	0,282
CHR7	2247785	CHR7:2247785	SSF x Far_LoA	-9,800	0,001	0,291
CHR7	2247846	CHR7:2247846	SSF x Far_LoA	-9,702	-0,011	0,299
CHR7	2247874	CHR7:2247874	SSF x Far_LoA	-10,030	-0,066	0,296
CHR7	2247889	CHR7:2247889	SSF x Far_LoA	-9,305	-0,046	0,293
CHR7	22485659	CHR7:22485659	SSF x Far_LoA	-3,560	-0,049	0,298
CHR7	22485676	CHR7:22485676	SSF x Far_LoA	-11,584	0,058	0,296
CHR7	22485808	CHR7:22485808	SSF x Far_LoA	-9,922	0,132	0,281
CHR7	22485828	CHR7:22485828	SSF x Far_LoA	-9,820	0,025	0,294
CHR7	22485839	CHR7:22485839	SSF x Far_LoA	-12,247	0,016	0,286
CHR7	22485903	CHR7:22485903	SSF x Far_LoA	-5,162	-0,021	0,287
CHR7	22485927	CHR7:22485927	SSF x Far_LoA	-9,190	0,053	0,282
CHR7	22493909	CHR7:22493909	SSF x Far_LoA	-2,541	-0,077	0,295
CHR7	22493982	CHR7:22493982	SSF x Far_LoA	-7,279	-0,143	0,290
CHR7	22494003	CHR7:22494003	SSF x Far_LoA	-9,853	-0,004	0,298
CHR7	22494012	CHR7:22494012	SSF x Far_LoA	-9,033	0,068	0,304
CHR7	22494088	CHR7:22494088	SSF x Far_LoA	-10,216	0,083	0,281
CHR7	22494130	CHR7:22494130	SSF x Far_LoA	-7,844	0,004	0,297
CHR7	22496887	CHR7:22496887	SSF x Far_LoA	-9,448	0,090	0,299

CHR7	22497060	CHR7:22497060	SSF x Far_LoA	-8,940	-0,016	0,305
CHR7	22497254	CHR7:22497254	SSF x Far_LoA	-8,358	0,059	0,310
CHR7	22497269	CHR7:22497269	SSF x Far_LoA	-9,217	0,005	0,293
CHR7	22499548	CHR7:22499548	SSF x Far_LoA	-8,108	0,087	0,301
CHR7	22499566	CHR7:22499566	SSF x Far_LoA	-9,954	0,014	0,302
CHR7	22499605	CHR7:22499605	SSF x Far_LoA	-8,340	-0,056	0,277
CHR7	22499627	CHR7:22499627	SSF x Far_LoA	-8,994	-0,062	0,289
CHR7	22499635	CHR7:22499635	SSF x Far_LoA	-6,091	-0,086	0,294
CHR7	22499638	CHR7:22499638	SSF x Far_LoA	-6,670	-0,065	0,284
CHR7	22501697	CHR7:22501697	SSF x Far_LoA	-9,981	-0,075	0,291
CHR7	22504861	CHR7:22504861	SSF x Far_LoA	-6,719	0,012	0,298
CHR7	22504893	CHR7:22504893	SSF x Far_LoA	-7,630	-0,041	0,303
CHR7	22504894	CHR7:22504894	SSF x Far_LoA	-8,234	-0,048	0,293
CHR7	22504912	CHR7:22504912	SSF x Far_LoA	-8,982	0,032	0,292
CHR7	22508422	CHR7:22508422	SSF x Far_LoA	-11,164	0,001	0,299
CHR7	2251851	CHR7:2251851	SSF x Far_LoA	-5,323	-0,007	0,285
CHR7	2251858	CHR7:2251858	SSF x Far_LoA	-6,797	0,133	0,293
CHR7	2251930	CHR7:2251930	SSF x Far_LoA	-5,792	0,099	0,303
CHR7	22523864	CHR7:22523864	SSF x Far_LoA	-11,982	0,010	0,292
CHR7	22523952	CHR7:22523952	SSF x Far_LoA	-8,821	-0,062	0,302
CHR7	22535387	CHR7:22535387	SSF x Far_LoA	-6,062	0,018	0,301
CHR7	22545674	CHR7:22545674	SSF x Far_LoA	-12,127	0,036	0,283
CHR7	22545887	CHR7:22545887	SSF x Far_LoA	-6,152	-0,115	0,295
CHR7	22559659	CHR7:22559659	SSF x Far_LoA	-5,473	0,039	0,281
CHR7	22559661	CHR7:22559661	SSF x Far_LoA	-0,929	0,061	0,280
CHR7	22563187	CHR7:22563187	SSF x Far_LoA	-11,357	-0,033	0,290
CHR7	22563272	CHR7:22563272	SSF x Far_LoA	-9,366	0,030	0,279
CHR7	22563273	CHR7:22563273	SSF x Far_LoA	-9,347	0,012	0,277
CHR7	22563287	CHR7:22563287	SSF x Far_LoA	-6,727	-0,143	0,275
CHR7	22563347	CHR7:22563347	SSF x Far_LoA	-10,830	-0,037	0,287
CHR7	22563398	CHR7:22563398	SSF x Far_LoA	-11,562	0,024	0,288
CHR7	22563447	CHR7:22563447	SSF x Far_LoA	-10,129	-0,052	0,303
CHR7	22595069	CHR7:22595069	SSF x Far_LoA	-9,477	-0,105	0,290
CHR7	22598982	CHR7:22598982	SSF x Far_LoA	-9,684	-0,098	0,286
CHR7	22598991	CHR7:22598991	SSF x Far_LoA	-9,457	-0,070	0,292
CHR7	2262131	CHR7:2262131	SSF x Far_LoA	-11,764	0,012	0,279
CHR7	2262147	CHR7:2262147	SSF x Far_LoA	-9,012	0,044	0,302
CHR7	2262176	CHR7:2262176	SSF x Far_LoA	-2,108	-0,115	0,284
CHR7	2262289	CHR7:2262289	SSF x Far_LoA	-8,550	0,111	0,287
CHR7	2262291	CHR7:2262291	SSF x Far_LoA	-9,601	-0,102	0,277
CHR7	22631625	CHR7:22631625	SSF x Far_LoA	-9,467	-0,042	0,284
CHR7	22631636	CHR7:22631636	SSF x Far_LoA	-11,190	0,083	0,281
CHR7	22631665	CHR7:22631665	SSF x Far_LoA	-10,983	0,049	0,284
CHR7	22631710	CHR7:22631710	SSF x Far_LoA	-9,356	0,039	0,285
CHR7	22631728	CHR7:22631728	SSF x Far_LoA	-2,988	0,042	0,296
CHR7	22631731	CHR7:22631731	SSF x Far_LoA	-9,683	0,018	0,305
CHR7	22631740	CHR7:22631740	SSF x Far_LoA	-9,482	0,135	0,283
CHR7	22631864	CHR7:22631864	SSF x Far_LoA	-7,936	0,110	0,270
CHR7	22631908	CHR7:22631908	SSF x Far_LoA	-9,369	0,026	0,286
CHR7	22654910	CHR7:22654910	SSF x Far_LoA	-10,221	0,022	0,276
CHR7	22654968	CHR7:22654968	SSF x Far_LoA	-9,688	0,033	0,301
CHR7	22654969	CHR7:22654969	SSF x Far_LoA	-9,110	-0,016	0,298
CHR7	22662021	CHR7:22662021	SSF x Far_LoA	-2,235	0,133	0,289

CHR7	22662028	CHR7:22662028	SSF x Far_LoA	-10,890	-0,011	0,296
CHR7	22662204	CHR7:22662204	SSF x Far_LoA	-12,024	-0,027	0,277
CHR7	22676912	CHR7:22676912	SSF x Far_LoA	-8,810	-0,097	0,280
CHR7	22676965	CHR7:22676965	SSF x Far_LoA	-8,561	-0,011	0,268
CHR7	22676995	CHR7:22676995	SSF x Far_LoA	-4,692	0,088	0,289
CHR7	22677055	CHR7:22677055	SSF x Far_LoA	-10,040	-0,002	0,284
CHR7	2269822	CHR7:2269822	SSF x Far_LoA	-9,761	-0,006	0,294
CHR7	22738663	CHR7:22738663	SSF x Far_LoA	-6,082	0,085	0,276
CHR7	22738740	CHR7:22738740	SSF x Far_LoA	-9,898	0,047	0,295
CHR7	22739605	CHR7:22739605	SSF x Far_LoA	-8,188	0,040	0,284
CHR7	22746949	CHR7:22746949	SSF x Far_LoA	-7,959	-0,022	0,310
CHR7	22746951	CHR7:22746951	SSF x Far_LoA	-8,878	0,155	0,277
CHR7	22746974	CHR7:22746974	SSF x Far_LoA	-8,452	0,046	0,282
CHR7	22747045	CHR7:22747045	SSF x Far_LoA	-6,862	-0,063	0,287
CHR7	22747054	CHR7:22747054	SSF x Far_LoA	-10,640	0,056	0,287
CHR7	22747085	CHR7:22747085	SSF x Far_LoA	-7,962	0,098	0,296
CHR7	22747096	CHR7:22747096	SSF x Far_LoA	-9,322	0,072	0,293
CHR7	22747105	CHR7:22747105	SSF x Far_LoA	-8,887	-0,097	0,279
CHR7	22747109	CHR7:22747109	SSF x Far_LoA	-8,581	-0,176	0,270
CHR7	22747134	CHR7:22747134	SSF x Far_LoA	-10,039	0,014	0,294
CHR7	22747137	CHR7:22747137	SSF x Far_LoA	-8,014	-0,064	0,290
CHR7	22748060	CHR7:22748060	SSF x Far_LoA	-8,997	0,022	0,302
CHR7	22748063	CHR7:22748063	SSF x Far_LoA	-5,195	-0,186	0,300
CHR7	22753186	CHR7:22753186	SSF x Far_LoA	-10,664	-0,040	0,298
CHR7	22753275	CHR7:22753275	SSF x Far_LoA	-9,753	-0,033	0,279
CHR7	22753291	CHR7:22753291	SSF x Far_LoA	-9,662	0,003	0,298
CHR7	2276131	CHR7:2276131	SSF x Far_LoA	-11,514	0,008	0,293
CHR7	2276132	CHR7:2276132	SSF x Far_LoA	-8,010	0,013	0,295
CHR7	2276148	CHR7:2276148	SSF x Far_LoA	-10,798	-0,124	0,298
CHR7	22761539	CHR7:22761539	SSF x Far_LoA	-8,899	0,106	0,287
CHR7	22761546	CHR7:22761546	SSF x Far_LoA	-11,003	0,040	0,292
CHR7	2276155	CHR7:2276155	SSF x Far_LoA	-5,868	-0,021	0,292
CHR7	22761690	CHR7:22761690	SSF x Far_LoA	-5,943	-0,042	0,287
CHR7	2276283	CHR7:2276283	SSF x Far_LoA	-6,899	0,138	0,286
CHR7	22764126	CHR7:22764126	SSF x Far_LoA	-9,772	0,080	0,303
CHR7	22764199	CHR7:22764199	SSF x Far_LoA	-10,792	0,054	0,290
CHR7	22764287	CHR7:22764287	SSF x Far_LoA	-8,556	-0,050	0,298
CHR7	22764339	CHR7:22764339	SSF x Far_LoA	-8,580	0,046	0,293
CHR7	22771295	CHR7:22771295	SSF x Far_LoA	-10,480	0,048	0,282
CHR7	22771353	CHR7:22771353	SSF x Far_LoA	-9,426	0,073	0,308
CHR7	22771387	CHR7:22771387	SSF x Far_LoA	-8,999	-0,050	0,308
CHR7	22771411	CHR7:22771411	SSF x Far_LoA	-8,765	0,045	0,292
CHR7	22772411	CHR7:22772411	SSF x Far_LoA	-10,957	0,054	0,277
CHR7	22773902	CHR7:22773902	SSF x Far_LoA	-3,521	0,294	0,277
CHR7	22773908	CHR7:22773908	SSF x Far_LoA	-5,607	-0,038	0,290
CHR7	22773916	CHR7:22773916	SSF x Far_LoA	-7,368	-0,044	0,287
CHR7	22773940	CHR7:22773940	SSF x Far_LoA	-9,497	-0,031	0,297
CHR7	22773941	CHR7:22773941	SSF x Far_LoA	-0,816	0,096	0,284
CHR7	22773956	CHR7:22773956	SSF x Far_LoA	-6,952	-0,052	0,292
CHR7	22774115	CHR7:22774115	SSF x Far_LoA	-9,535	0,054	0,275
CHR7	22778729	CHR7:22778729	SSF x Far_LoA	-9,008	-0,024	0,283
CHR7	22778739	CHR7:22778739	SSF x Far_LoA	-10,583	0,017	0,282
CHR7	22778792	CHR7:22778792	SSF x Far_LoA	-10,126	0,020	0,292

CHR7	22778994	CHR7:22778994	SSF x Far_LoA	-8,686	-0,027	0,301
CHR7	22779012	CHR7:22779012	SSF x Far_LoA	-8,260	-0,028	0,306
CHR7	22779021	CHR7:22779021	SSF x Far_LoA	-9,676	-0,007	0,274
CHR7	22779055	CHR7:22779055	SSF x Far_LoA	-10,104	0,047	0,304
CHR7	22779059	CHR7:22779059	SSF x Far_LoA	-10,123	0,038	0,294
CHR7	2277932	CHR7:2277932	SSF x Far_LoA	-6,329	0,025	0,279
CHR7	2277946	CHR7:2277946	SSF x Far_LoA	-7,090	0,009	0,291
CHR7	22785395	CHR7:22785395	SSF x Far_LoA	-9,911	-0,015	0,299
CHR7	22785414	CHR7:22785414	SSF x Far_LoA	-9,809	0,032	0,284
CHR7	22785418	CHR7:22785418	SSF x Far_LoA	-9,048	-0,014	0,307
CHR7	22785661	CHR7:22785661	SSF x Far_LoA	-10,753	-0,091	0,278
CHR7	22785686	CHR7:22785686	SSF x Far_LoA	-10,316	-0,090	0,284
CHR7	22785718	CHR7:22785718	SSF x Far_LoA	-9,010	-0,065	0,274
CHR7	22809879	CHR7:22809879	SSF x Far_LoA	-8,645	0,087	0,283
CHR7	22810500	CHR7:22810500	SSF x Far_LoA	-9,972	-0,058	0,290
CHR7	22810551	CHR7:22810551	SSF x Far_LoA	-8,766	-0,052	0,298
CHR7	22813973	CHR7:22813973	SSF x Far_LoA	-11,302	0,016	0,298
CHR7	22820231	CHR7:22820231	SSF x Far_LoA	-7,839	0,140	0,291
CHR7	2282038	CHR7:2282038	SSF x Far_LoA	-9,978	0,012	0,300
CHR7	22821844	CHR7:22821844	SSF x Far_LoA	-7,730	-0,089	0,294
CHR7	22828762	CHR7:22828762	SSF x Far_LoA	-8,283	0,121	0,288
CHR7	22828875	CHR7:22828875	SSF x Far_LoA	-8,842	0,081	0,295
CHR7	22833981	CHR7:22833981	SSF x Far_LoA	-10,308	0,011	0,287
CHR7	22834004	CHR7:22834004	SSF x Far_LoA	-9,528	0,003	0,294
CHR7	22834005	CHR7:22834005	SSF x Far_LoA	-10,839	0,024	0,294
CHR7	22834010	CHR7:22834010	SSF x Far_LoA	-11,435	-0,024	0,293
CHR7	22834012	CHR7:22834012	SSF x Far_LoA	-10,594	-0,032	0,302
CHR7	22834014	CHR7:22834014	SSF x Far_LoA	-11,333	0,013	0,294
CHR7	22839547	CHR7:22839547	SSF x Far_LoA	-8,226	0,117	0,288
CHR7	22839557	CHR7:22839557	SSF x Far_LoA	-9,845	0,058	0,296
CHR7	22839559	CHR7:22839559	SSF x Far_LoA	-9,253	0,089	0,292
CHR7	22839581	CHR7:22839581	SSF x Far_LoA	-8,513	0,093	0,304
CHR7	22839709	CHR7:22839709	SSF x Far_LoA	-10,440	-0,005	0,296
CHR7	228485	CHR7:228485	SSF x Far_LoA	-10,963	0,027	0,292
CHR7	228564	CHR7:228564	SSF x Far_LoA	-9,866	-0,076	0,301
CHR7	228580	CHR7:228580	SSF x Far_LoA	-9,757	-0,028	0,292
CHR7	22871152	CHR7:22871152	SSF x Far_LoA	-10,707	-0,067	0,292
CHR7	22871340	CHR7:22871340	SSF x Far_LoA	-10,969	-0,075	0,304
CHR7	22871517	CHR7:22871517	SSF x Far_LoA	-9,951	0,018	0,297
CHR7	22883437	CHR7:22883437	SSF x Far_LoA	-7,897	-0,088	0,299
CHR7	22883500	CHR7:22883500	SSF x Far_LoA	-9,017	0,036	0,290
CHR7	22883559	CHR7:22883559	SSF x Far_LoA	-8,993	-0,051	0,297
CHR7	22883570	CHR7:22883570	SSF x Far_LoA	-8,909	0,062	0,290
CHR7	22908789	CHR7:22908789	SSF x Far_LoA	-10,508	0,053	0,278
CHR7	22917884	CHR7:22917884	SSF x Far_LoA	-8,543	0,043	0,280
CHR7	22917957	CHR7:22917957	SSF x Far_LoA	-9,512	-0,011	0,295
CHR7	22918000	CHR7:22918000	SSF x Far_LoA	-7,855	0,177	0,296
CHR7	2294577	CHR7:2294577	SSF x Far_LoA	-9,339	-0,038	0,301
CHR7	2294699	CHR7:2294699	SSF x Far_LoA	-8,770	-0,085	0,314
CHR7	22961618	CHR7:22961618	SSF x Far_LoA	-8,159	0,062	0,294
CHR7	22961654	CHR7:22961654	SSF x Far_LoA	-5,629	0,108	0,286
CHR7	22961663	CHR7:22961663	SSF x Far_LoA	-7,263	0,103	0,286
CHR7	22961684	CHR7:22961684	SSF x Far_LoA	-9,696	0,050	0,290

CHR7	22961720	CHR7:22961720	SSF x Far_LoA	-8,371	-0,001	0,299
CHR7	22961747	CHR7:22961747	SSF x Far_LoA	-8,512	0,012	0,297
CHR7	22961750	CHR7:22961750	SSF x Far_LoA	-8,383	0,008	0,296
CHR7	22961780	CHR7:22961780	SSF x Far_LoA	-9,008	0,010	0,291
CHR7	22961816	CHR7:22961816	SSF x Far_LoA	-8,875	0,112	0,289
CHR7	22961834	CHR7:22961834	SSF x Far_LoA	-8,431	0,094	0,299
CHR7	22961873	CHR7:22961873	SSF x Far_LoA	-10,574	0,061	0,303
CHR7	22961948	CHR7:22961948	SSF x Far_LoA	-7,511	-0,013	0,279
CHR7	2297685	CHR7:2297685	SSF x Far_LoA	-10,145	0,057	0,286
CHR7	22980863	CHR7:22980863	SSF x Far_LoA	-11,360	0,017	0,288
CHR7	22981044	CHR7:22981044	SSF x Far_LoA	-9,041	0,059	0,294
CHR7	22985785	CHR7:22985785	SSF x Far_LoA	-10,663	0,025	0,282
CHR7	22985808	CHR7:22985808	SSF x Far_LoA	-6,312	-0,227	0,269
CHR7	22985835	CHR7:22985835	SSF x Far_LoA	-3,774	0,156	0,288
CHR7	22985866	CHR7:22985866	SSF x Far_LoA	-10,966	0,120	0,285
CHR7	22987914	CHR7:22987914	SSF x Far_LoA	-6,961	0,201	0,277
CHR7	22987919	CHR7:22987919	SSF x Far_LoA	-5,332	-0,068	0,287
CHR7	23010340	CHR7:23010340	SSF x Far_LoA	-10,167	0,059	0,281
CHR7	23033505	CHR7:23033505	SSF x Far_LoA	-8,234	-0,022	0,301
CHR7	23033626	CHR7:23033626	SSF x Far_LoA	-10,766	-0,005	0,286
CHR7	23033669	CHR7:23033669	SSF x Far_LoA	-9,159	0,049	0,292
CHR7	23035961	CHR7:23035961	SSF x Far_LoA	-8,898	-0,117	0,275
CHR7	23036084	CHR7:23036084	SSF x Far_LoA	-7,882	-0,054	0,299
CHR7	23036113	CHR7:23036113	SSF x Far_LoA	-5,286	0,101	0,295
CHR7	23036119	CHR7:23036119	SSF x Far_LoA	-9,567	-0,057	0,288
CHR7	23041110	CHR7:23041110	SSF x Far_LoA	-9,544	-0,014	0,300
CHR7	23041129	CHR7:23041129	SSF x Far_LoA	-9,327	-0,007	0,302
CHR7	23046712	CHR7:23046712	SSF x Far_LoA	-8,743	-0,057	0,294
CHR7	23046923	CHR7:23046923	SSF x Far_LoA	-10,286	0,065	0,313
CHR7	23046932	CHR7:23046932	SSF x Far_LoA	-10,856	-0,055	0,293
CHR7	2305821	CHR7:2305821	SSF x Far_LoA	-9,781	0,016	0,288
CHR7	2305824	CHR7:2305824	SSF x Far_LoA	-9,363	0,028	0,288
CHR7	2305835	CHR7:2305835	SSF x Far_LoA	-10,750	-0,006	0,293
CHR7	23069767	CHR7:23069767	SSF x Far_LoA	-8,085	0,127	0,283
CHR7	23072251	CHR7:23072251	SSF x Far_LoA	-6,955	0,057	0,287
CHR7	23072290	CHR7:23072290	SSF x Far_LoA	-8,525	0,070	0,309
CHR7	23077481	CHR7:23077481	SSF x Far_LoA	-11,559	-0,022	0,287
CHR7	23079796	CHR7:23079796	SSF x Far_LoA	-10,615	0,083	0,284
CHR7	23080009	CHR7:23080009	SSF x Far_LoA	-8,232	-0,071	0,286
CHR7	23088238	CHR7:23088238	SSF x Far_LoA	-11,294	0,069	0,303
CHR7	23088243	CHR7:23088243	SSF x Far_LoA	-5,319	-0,088	0,300
CHR7	23088343	CHR7:23088343	SSF x Far_LoA	-7,997	-0,087	0,300
CHR7	23088354	CHR7:23088354	SSF x Far_LoA	-1,550	-0,224	0,263
CHR7	23088473	CHR7:23088473	SSF x Far_LoA	-10,408	0,088	0,292
CHR7	23096112	CHR7:23096112	SSF x Far_LoA	-10,671	-0,077	0,301
CHR7	23098970	CHR7:23098970	SSF x Far_LoA	-5,368	0,056	0,297
CHR7	23099002	CHR7:23099002	SSF x Far_LoA	-7,993	0,111	0,285
CHR7	23099038	CHR7:23099038	SSF x Far_LoA	-8,946	0,052	0,285
CHR7	23099067	CHR7:23099067	SSF x Far_LoA	-7,246	0,053	0,286
CHR7	23115686	CHR7:23115686	SSF x Far_LoA	-9,453	0,103	0,276
CHR7	23115773	CHR7:23115773	SSF x Far_LoA	-7,038	-0,095	0,302
CHR7	23125794	CHR7:23125794	SSF x Far_LoA	-8,754	0,085	0,293
CHR7	23133392	CHR7:23133392	SSF x Far_LoA	-10,148	-0,004	0,277

CHR7	23133488	CHR7:23133488	SSF x Far_LoA	-10,441	0,019	0,290
CHR7	23133568	CHR7:23133568	SSF x Far_LoA	-10,047	-0,061	0,281
CHR7	23153460	CHR7:23153460	SSF x Far_LoA	-3,193	0,044	0,284
CHR7	23153518	CHR7:23153518	SSF x Far_LoA	-7,298	-0,023	0,289
CHR7	23153644	CHR7:23153644	SSF x Far_LoA	-10,412	0,019	0,297
CHR7	23190365	CHR7:23190365	SSF x Far_LoA	-9,685	-0,109	0,287
CHR7	23190445	CHR7:23190445	SSF x Far_LoA	-8,769	0,041	0,272
CHR7	23190478	CHR7:23190478	SSF x Far_LoA	-8,387	0,020	0,286
CHR7	23190480	CHR7:23190480	SSF x Far_LoA	-7,524	0,125	0,297
CHR7	2319426	CHR7:2319426	SSF x Far_LoA	-9,388	-0,121	0,294
CHR7	23202630	CHR7:23202630	SSF x Far_LoA	-10,526	0,094	0,294
CHR7	23202646	CHR7:23202646	SSF x Far_LoA	-4,686	0,161	0,286
CHR7	23202683	CHR7:23202683	SSF x Far_LoA	-8,194	0,101	0,278
CHR7	23202783	CHR7:23202783	SSF x Far_LoA	-10,647	-0,063	0,290
CHR7	23202784	CHR7:23202784	SSF x Far_LoA	-6,712	-0,107	0,295
CHR7	23202837	CHR7:23202837	SSF x Far_LoA	-8,859	0,031	0,300
CHR7	23202847	CHR7:23202847	SSF x Far_LoA	-7,834	-0,037	0,300
CHR7	23202853	CHR7:23202853	SSF x Far_LoA	-4,960	-0,096	0,292
CHR7	23202864	CHR7:23202864	SSF x Far_LoA	-9,410	0,123	0,277
CHR7	23202873	CHR7:23202873	SSF x Far_LoA	-9,011	0,001	0,302
CHR7	23204537	CHR7:23204537	SSF x Far_LoA	-10,492	0,068	0,277
CHR7	23204546	CHR7:23204546	SSF x Far_LoA	-11,718	0,005	0,276
CHR7	23204547	CHR7:23204547	SSF x Far_LoA	-9,149	-0,001	0,271
CHR7	23204588	CHR7:23204588	SSF x Far_LoA	-10,155	-0,005	0,265
CHR7	23205248	CHR7:23205248	SSF x Far_LoA	-11,339	0,053	0,280
CHR7	23205251	CHR7:23205251	SSF x Far_LoA	-8,087	-0,033	0,295
CHR7	23205341	CHR7:23205341	SSF x Far_LoA	-11,033	-0,023	0,292
CHR7	23205363	CHR7:23205363	SSF x Far_LoA	-8,204	-0,002	0,305
CHR7	23205373	CHR7:23205373	SSF x Far_LoA	-9,026	-0,057	0,291
CHR7	23212640	CHR7:23212640	SSF x Far_LoA	-9,525	-0,003	0,289
CHR7	23212664	CHR7:23212664	SSF x Far_LoA	-6,928	-0,131	0,275
CHR7	23212702	CHR7:23212702	SSF x Far_LoA	-9,949	-0,097	0,279
CHR7	23212822	CHR7:23212822	SSF x Far_LoA	-10,304	-0,074	0,292
CHR7	23212825	CHR7:23212825	SSF x Far_LoA	-7,176	0,129	0,300
CHR7	23212846	CHR7:23212846	SSF x Far_LoA	-12,188	-0,025	0,291
CHR7	23220625	CHR7:23220625	SSF x Far_LoA	-7,995	0,083	0,281
CHR7	23223712	CHR7:23223712	SSF x Far_LoA	-9,192	-0,061	0,279
CHR7	23236427	CHR7:23236427	SSF x Far_LoA	-10,127	0,045	0,276
CHR7	23236440	CHR7:23236440	SSF x Far_LoA	-9,048	-0,065	0,285
CHR7	23238782	CHR7:23238782	SSF x Far_LoA	-10,909	0,060	0,284
CHR7	23238872	CHR7:23238872	SSF x Far_LoA	-8,274	0,072	0,301
CHR7	23238880	CHR7:23238880	SSF x Far_LoA	-8,137	-0,140	0,281
CHR7	23238891	CHR7:23238891	SSF x Far_LoA	-8,412	0,036	0,300
CHR7	23238896	CHR7:23238896	SSF x Far_LoA	-9,504	0,015	0,290
CHR7	23238900	CHR7:23238900	SSF x Far_LoA	-11,197	0,008	0,288
CHR7	23238949	CHR7:23238949	SSF x Far_LoA	-7,284	-0,066	0,300
CHR7	23240092	CHR7:23240092	SSF x Far_LoA	-10,437	-0,111	0,278
CHR7	23255742	CHR7:23255742	SSF x Far_LoA	-11,363	0,021	0,294
CHR7	23255950	CHR7:23255950	SSF x Far_LoA	-5,437	-0,037	0,282
CHR7	23260711	CHR7:23260711	SSF x Far_LoA	-9,850	-0,040	0,297
CHR7	23261051	CHR7:23261051	SSF x Far_LoA	-4,062	-0,152	0,284
CHR7	23265380	CHR7:23265380	SSF x Far_LoA	-9,831	-0,005	0,290
CHR7	23265398	CHR7:23265398	SSF x Far_LoA	-6,743	-0,075	0,276

CHR7	23265434	CHR7:23265434	SSF x Far_LoA	-7,016	0,116	0,286
CHR7	23265436	CHR7:23265436	SSF x Far_LoA	-6,882	-0,127	0,302
CHR7	23265469	CHR7:23265469	SSF x Far_LoA	-9,671	-0,030	0,296
CHR7	23265574	CHR7:23265574	SSF x Far_LoA	-9,073	-0,136	0,285
CHR7	23265593	CHR7:23265593	SSF x Far_LoA	-10,645	0,059	0,289
CHR7	2326643	CHR7:2326643	SSF x Far_LoA	-11,364	-0,045	0,288
CHR7	2326657	CHR7:2326657	SSF x Far_LoA	-8,686	0,045	0,305
CHR7	2326709	CHR7:2326709	SSF x Far_LoA	-7,159	0,052	0,293
CHR7	2326803	CHR7:2326803	SSF x Far_LoA	-8,410	0,100	0,293
CHR7	23285479	CHR7:23285479	SSF x Far_LoA	-10,518	0,084	0,290
CHR7	23285596	CHR7:23285596	SSF x Far_LoA	-6,986	0,064	0,294
CHR7	23285670	CHR7:23285670	SSF x Far_LoA	-8,143	0,052	0,309
CHR7	23285677	CHR7:23285677	SSF x Far_LoA	-9,732	0,041	0,291
CHR7	23285688	CHR7:23285688	SSF x Far_LoA	-7,240	0,038	0,282
CHR7	23285689	CHR7:23285689	SSF x Far_LoA	-9,564	0,026	0,295
CHR7	23285735	CHR7:23285735	SSF x Far_LoA	-11,570	0,005	0,274
CHR7	23293018	CHR7:23293018	SSF x Far_LoA	-6,006	0,110	0,281
CHR7	23293039	CHR7:23293039	SSF x Far_LoA	-7,782	-0,025	0,300
CHR7	23293224	CHR7:23293224	SSF x Far_LoA	-9,273	-0,031	0,286
CHR7	23293264	CHR7:23293264	SSF x Far_LoA	-11,553	0,029	0,300
CHR7	23293265	CHR7:23293265	SSF x Far_LoA	4,809	0,099	0,286
CHR7	23304680	CHR7:23304680	SSF x Far_LoA	-9,711	-0,107	0,277
CHR7	23304740	CHR7:23304740	SSF x Far_LoA	-7,660	0,061	0,298
CHR7	23316211	CHR7:23316211	SSF x Far_LoA	-9,855	-0,090	0,285
CHR7	23316219	CHR7:23316219	SSF x Far_LoA	-10,994	0,054	0,299
CHR7	23316222	CHR7:23316222	SSF x Far_LoA	-8,431	0,123	0,290
CHR7	23316240	CHR7:23316240	SSF x Far_LoA	-6,821	0,096	0,305
CHR7	23317939	CHR7:23317939	SSF x Far_LoA	-9,364	0,034	0,280
CHR7	23317999	CHR7:23317999	SSF x Far_LoA	-9,459	-0,050	0,292
CHR7	23318169	CHR7:23318169	SSF x Far_LoA	-10,697	-0,042	0,305
CHR7	23329712	CHR7:23329712	SSF x Far_LoA	-10,509	-0,015	0,308
CHR7	23329868	CHR7:23329868	SSF x Far_LoA	-8,084	-0,171	0,293
CHR7	2333299	CHR7:2333299	SSF x Far_LoA	-11,305	-0,007	0,283
CHR7	2333385	CHR7:2333385	SSF x Far_LoA	-10,525	0,027	0,280
CHR7	23344011	CHR7:23344011	SSF x Far_LoA	-8,858	-0,068	0,281
CHR7	23346906	CHR7:23346906	SSF x Far_LoA	-3,809	-0,195	0,288
CHR7	23346921	CHR7:23346921	SSF x Far_LoA	-7,398	-0,090	0,304
CHR7	23346986	CHR7:23346986	SSF x Far_LoA	-8,536	0,068	0,292
CHR7	23346988	CHR7:23346988	SSF x Far_LoA	-9,562	0,084	0,291
CHR7	23347083	CHR7:23347083	SSF x Far_LoA	-10,347	0,060	0,280
CHR7	23354288	CHR7:23354288	SSF x Far_LoA	-10,183	0,068	0,292
CHR7	23354298	CHR7:23354298	SSF x Far_LoA	-10,917	0,072	0,297
CHR7	23354306	CHR7:23354306	SSF x Far_LoA	-6,944	0,123	0,294
CHR7	23354313	CHR7:23354313	SSF x Far_LoA	-10,347	0,092	0,288
CHR7	23354344	CHR7:23354344	SSF x Far_LoA	-9,714	-0,170	0,288
CHR7	23354423	CHR7:23354423	SSF x Far_LoA	-7,359	-0,124	0,293
CHR7	23382502	CHR7:23382502	SSF x Far_LoA	-6,901	0,005	0,278
CHR7	23382570	CHR7:23382570	SSF x Far_LoA	-8,967	0,053	0,307
CHR7	23389800	CHR7:23389800	SSF x Far_LoA	-9,029	0,153	0,285
CHR7	23389968	CHR7:23389968	SSF x Far_LoA	-6,375	0,063	0,299
CHR7	23390019	CHR7:23390019	SSF x Far_LoA	-6,738	0,057	0,296
CHR7	23400922	CHR7:23400922	SSF x Far_LoA	-10,166	0,062	0,283
CHR7	23400930	CHR7:23400930	SSF x Far_LoA	-10,633	0,070	0,290

CHR7	23479700	CHR7:23479700	SSF x Far_LoA	-9,016	0,007	0,296
CHR7	23483882	CHR7:23483882	SSF x Far_LoA	-10,315	-0,066	0,292
CHR7	23496045	CHR7:23496045	SSF x Far_LoA	-8,368	0,125	0,275
CHR7	23513213	CHR7:23513213	SSF x Far_LoA	-10,104	0,038	0,273
CHR7	23519747	CHR7:23519747	SSF x Far_LoA	-9,427	0,049	0,292
CHR7	23519765	CHR7:23519765	SSF x Far_LoA	-8,916	-0,079	0,286
CHR7	23519770	CHR7:23519770	SSF x Far_LoA	-10,191	0,055	0,298
CHR7	23519781	CHR7:23519781	SSF x Far_LoA	-8,558	-0,083	0,286
CHR7	23519883	CHR7:23519883	SSF x Far_LoA	-11,334	0,023	0,290
CHR7	23519913	CHR7:23519913	SSF x Far_LoA	-11,244	0,035	0,283
CHR7	23537807	CHR7:23537807	SSF x Far_LoA	-8,055	0,085	0,295
CHR7	23546377	CHR7:23546377	SSF x Far_LoA	-6,701	-0,065	0,296
CHR7	23569205	CHR7:23569205	SSF x Far_LoA	-10,455	0,028	0,283
CHR7	23591744	CHR7:23591744	SSF x Far_LoA	-9,358	0,020	0,287
CHR7	2360921	CHR7:2360921	SSF x Far_LoA	-10,866	-0,092	0,284
CHR7	2360984	CHR7:2360984	SSF x Far_LoA	-5,182	-0,051	0,301
CHR7	23615942	CHR7:23615942	SSF x Far_LoA	-10,489	-0,033	0,280
CHR7	23615960	CHR7:23615960	SSF x Far_LoA	-9,170	0,083	0,294
CHR7	23616140	CHR7:23616140	SSF x Far_LoA	-8,103	-0,039	0,284
CHR7	23616168	CHR7:23616168	SSF x Far_LoA	-5,139	-0,158	0,265
CHR7	23616198	CHR7:23616198	SSF x Far_LoA	-9,776	0,030	0,289
CHR7	23621027	CHR7:23621027	SSF x Far_LoA	-10,742	-0,072	0,296
CHR7	23621078	CHR7:23621078	SSF x Far_LoA	-10,251	0,018	0,301
CHR7	23621195	CHR7:23621195	SSF x Far_LoA	-9,328	0,067	0,284
CHR7	23621246	CHR7:23621246	SSF x Far_LoA	-8,478	-0,080	0,292
CHR7	23621289	CHR7:23621289	SSF x Far_LoA	-8,504	-0,141	0,296
CHR7	23621364	CHR7:23621364	SSF x Far_LoA	-7,545	0,137	0,292
CHR7	23621396	CHR7:23621396	SSF x Far_LoA	-11,108	-0,047	0,297
CHR7	23649296	CHR7:23649296	SSF x Far_LoA	-7,228	0,050	0,282
CHR7	23649336	CHR7:23649336	SSF x Far_LoA	-9,974	-0,031	0,299
CHR7	23649371	CHR7:23649371	SSF x Far_LoA	-10,519	-0,026	0,297
CHR7	23649398	CHR7:23649398	SSF x Far_LoA	-8,269	-0,071	0,307
CHR7	23653097	CHR7:23653097	SSF x Far_LoA	-11,280	0,058	0,285
CHR7	23653100	CHR7:23653100	SSF x Far_LoA	-7,538	-0,044	0,279
CHR7	23653147	CHR7:23653147	SSF x Far_LoA	-9,802	-0,026	0,284
CHR7	23653309	CHR7:23653309	SSF x Far_LoA	-7,382	0,043	0,294
CHR7	23671382	CHR7:23671382	SSF x Far_LoA	-11,514	0,037	0,305
CHR7	23671410	CHR7:23671410	SSF x Far_LoA	-8,341	0,067	0,298
CHR7	23671433	CHR7:23671433	SSF x Far_LoA	-11,723	0,005	0,296
CHR7	23671523	CHR7:23671523	SSF x Far_LoA	-9,950	0,150	0,274
CHR7	23671549	CHR7:23671549	SSF x Far_LoA	-9,625	0,038	0,290
CHR7	23671626	CHR7:23671626	SSF x Far_LoA	-9,870	-0,002	0,291
CHR7	23681263	CHR7:23681263	SSF x Far_LoA	-11,128	-0,027	0,302
CHR7	23681307	CHR7:23681307	SSF x Far_LoA	-11,718	0,014	0,290
CHR7	23689347	CHR7:23689347	SSF x Far_LoA	-8,096	-0,006	0,287
CHR7	23690266	CHR7:23690266	SSF x Far_LoA	-6,871	-0,094	0,292
CHR7	23712915	CHR7:23712915	SSF x Far_LoA	-11,081	0,111	0,291
CHR7	23718937	CHR7:23718937	SSF x Far_LoA	-7,292	0,081	0,274
CHR7	2372552	CHR7:2372552	SSF x Far_LoA	-8,404	0,090	0,291
CHR7	23730861	CHR7:23730861	SSF x Far_LoA	-9,112	0,047	0,299
CHR7	23730885	CHR7:23730885	SSF x Far_LoA	-10,132	-0,044	0,294
CHR7	23730929	CHR7:23730929	SSF x Far_LoA	-10,725	-0,062	0,289
CHR7	23730953	CHR7:23730953	SSF x Far_LoA	-7,870	0,099	0,293

CHR7	23733715	CHR7:23733715	SSF x Far_LoA	-11,259	-0,012	0,284
CHR7	23733956	CHR7:23733956	SSF x Far_LoA	-9,477	0,171	0,280
CHR7	23733994	CHR7:23733994	SSF x Far_LoA	-9,794	-0,060	0,266
CHR7	23734037	CHR7:23734037	SSF x Far_LoA	-9,650	0,084	0,293
CHR7	23743456	CHR7:23743456	SSF x Far_LoA	-11,896	0,003	0,294
CHR7	23743489	CHR7:23743489	SSF x Far_LoA	-8,167	0,071	0,287
CHR7	23743503	CHR7:23743503	SSF x Far_LoA	-9,878	0,060	0,299
CHR7	23743545	CHR7:23743545	SSF x Far_LoA	-9,607	-0,077	0,289
CHR7	23743645	CHR7:23743645	SSF x Far_LoA	-8,617	0,039	0,274
CHR7	23750013	CHR7:23750013	SSF x Far_LoA	-9,264	-0,020	0,284
CHR7	23767923	CHR7:23767923	SSF x Far_LoA	-9,074	0,037	0,290
CHR7	23768004	CHR7:23768004	SSF x Far_LoA	-10,090	-0,026	0,290
CHR7	23768141	CHR7:23768141	SSF x Far_LoA	-8,983	-0,001	0,303
CHR7	23805538	CHR7:23805538	SSF x Far_LoA	-8,847	0,052	0,295
CHR7	23805550	CHR7:23805550	SSF x Far_LoA	-9,490	-0,085	0,286
CHR7	23805844	CHR7:23805844	SSF x Far_LoA	-11,968	-0,011	0,283
CHR7	23805932	CHR7:23805932	SSF x Far_LoA	-9,158	0,045	0,294
CHR7	23835774	CHR7:23835774	SSF x Far_LoA	-8,040	0,145	0,281
CHR7	23835779	CHR7:23835779	SSF x Far_LoA	-10,987	0,042	0,285
CHR7	23835795	CHR7:23835795	SSF x Far_LoA	-7,980	0,043	0,299
CHR7	23835969	CHR7:23835969	SSF x Far_LoA	-3,928	0,114	0,290
CHR7	23835974	CHR7:23835974	SSF x Far_LoA	-9,093	0,134	0,287
CHR7	23835990	CHR7:23835990	SSF x Far_LoA	-10,239	0,101	0,275
CHR7	23835998	CHR7:23835998	SSF x Far_LoA	-4,470	0,121	0,281
CHR7	23835999	CHR7:23835999	SSF x Far_LoA	-8,796	0,101	0,278
CHR7	23839037	CHR7:23839037	SSF x Far_LoA	-9,427	0,015	0,285
CHR7	23839051	CHR7:23839051	SSF x Far_LoA	-10,990	0,081	0,266
CHR7	23839108	CHR7:23839108	SSF x Far_LoA	-10,909	0,039	0,281
CHR7	23841690	CHR7:23841690	SSF x Far_LoA	-9,578	0,037	0,267
CHR7	23841880	CHR7:23841880	SSF x Far_LoA	-9,039	0,171	0,277
CHR7	23841977	CHR7:23841977	SSF x Far_LoA	-8,464	-0,019	0,312
CHR7	23841990	CHR7:23841990	SSF x Far_LoA	-9,776	0,138	0,289
CHR7	23842022	CHR7:23842022	SSF x Far_LoA	-9,383	0,067	0,283
CHR7	2384803	CHR7:2384803	SSF x Far_LoA	-9,096	0,052	0,295
CHR7	23849102	CHR7:23849102	SSF x Far_LoA	-9,988	0,097	0,284
CHR7	23849103	CHR7:23849103	SSF x Far_LoA	-11,097	0,107	0,279
CHR7	23849110	CHR7:23849110	SSF x Far_LoA	-8,424	0,060	0,291
CHR7	23849259	CHR7:23849259	SSF x Far_LoA	-10,991	-0,038	0,294
CHR7	23849280	CHR7:23849280	SSF x Far_LoA	-8,283	-0,091	0,287
CHR7	23849286	CHR7:23849286	SSF x Far_LoA	-11,940	-0,031	0,296
CHR7	23879633	CHR7:23879633	SSF x Far_LoA	-10,657	-0,033	0,285
CHR7	23879638	CHR7:23879638	SSF x Far_LoA	-9,687	0,071	0,272
CHR7	23879721	CHR7:23879721	SSF x Far_LoA	-9,692	0,058	0,287
CHR7	23882450	CHR7:23882450	SSF x Far_LoA	-11,500	-0,016	0,288
CHR7	23882578	CHR7:23882578	SSF x Far_LoA	-9,959	-0,024	0,288
CHR7	23882651	CHR7:23882651	SSF x Far_LoA	-12,013	-0,083	0,288
CHR7	23885403	CHR7:23885403	SSF x Far_LoA	-10,128	-0,033	0,293
CHR7	23891605	CHR7:23891605	SSF x Far_LoA	-8,512	-0,105	0,287
CHR7	23891655	CHR7:23891655	SSF x Far_LoA	-8,327	-0,068	0,299
CHR7	23891671	CHR7:23891671	SSF x Far_LoA	-10,383	0,009	0,285
CHR7	23891945	CHR7:23891945	SSF x Far_LoA	-9,662	0,005	0,299
CHR7	23892060	CHR7:23892060	SSF x Far_LoA	-8,448	0,045	0,290
CHR7	23892066	CHR7:23892066	SSF x Far_LoA	-10,477	-0,015	0,307

CHR7	23916343	CHR7:23916343	SSF x Far_LoA	-11,615	-0,010	0,291
CHR7	23916406	CHR7:23916406	SSF x Far_LoA	-9,368	0,090	0,291
CHR7	23916417	CHR7:23916417	SSF x Far_LoA	-9,442	0,094	0,293
CHR7	23916418	CHR7:23916418	SSF x Far_LoA	-9,198	0,057	0,294
CHR7	23916515	CHR7:23916515	SSF x Far_LoA	-11,053	-0,028	0,283
CHR7	23916518	CHR7:23916518	SSF x Far_LoA	-8,792	-0,050	0,285
CHR7	23916542	CHR7:23916542	SSF x Far_LoA	-12,058	0,009	0,311
CHR7	23916675	CHR7:23916675	SSF x Far_LoA	-8,975	-0,026	0,277
CHR7	23921203	CHR7:23921203	SSF x Far_LoA	-11,807	-0,023	0,294
CHR7	23921239	CHR7:23921239	SSF x Far_LoA	-4,742	0,154	0,301
CHR7	23921264	CHR7:23921264	SSF x Far_LoA	-4,662	0,186	0,275
CHR7	23921440	CHR7:23921440	SSF x Far_LoA	-5,807	0,003	0,282
CHR7	23959959	CHR7:23959959	SSF x Far_LoA	-10,489	-0,110	0,298
CHR7	23960000	CHR7:23960000	SSF x Far_LoA	-9,793	0,063	0,279
CHR7	23960091	CHR7:23960091	SSF x Far_LoA	-5,707	0,100	0,293
CHR7	23960120	CHR7:23960120	SSF x Far_LoA	-9,574	0,012	0,296
CHR7	23960128	CHR7:23960128	SSF x Far_LoA	-8,545	-0,002	0,312
CHR7	23960129	CHR7:23960129	SSF x Far_LoA	-8,323	-0,013	0,306
CHR7	23960130	CHR7:23960130	SSF x Far_LoA	-10,188	0,006	0,293
CHR7	23960163	CHR7:23960163	SSF x Far_LoA	-10,002	-0,017	0,293
CHR7	23960164	CHR7:23960164	SSF x Far_LoA	-9,382	-0,022	0,302
CHR7	23986196	CHR7:23986196	SSF x Far_LoA	-8,198	-0,126	0,296
CHR7	23986247	CHR7:23986247	SSF x Far_LoA	-8,673	0,005	0,286
CHR7	23994341	CHR7:23994341	SSF x Far_LoA	-10,911	0,073	0,294
CHR7	23996716	CHR7:23996716	SSF x Far_LoA	-10,764	-0,053	0,302
CHR7	23996736	CHR7:23996736	SSF x Far_LoA	-4,021	0,010	0,292
CHR7	23996750	CHR7:23996750	SSF x Far_LoA	-8,285	-0,027	0,291
CHR7	24034326	CHR7:24034326	SSF x Far_LoA	-9,451	-0,010	0,275
CHR7	24034440	CHR7:24034440	SSF x Far_LoA	-5,681	0,085	0,296
CHR7	24034482	CHR7:24034482	SSF x Far_LoA	-10,312	-0,071	0,285
CHR7	24034510	CHR7:24034510	SSF x Far_LoA	-8,648	0,090	0,287
CHR7	24034530	CHR7:24034530	SSF x Far_LoA	-8,639	-0,049	0,305
CHR7	24046966	CHR7:24046966	SSF x Far_LoA	-11,836	-0,005	0,288
CHR7	24047086	CHR7:24047086	SSF x Far_LoA	-8,002	0,083	0,274
CHR7	24048619	CHR7:24048619	SSF x Far_LoA	-7,600	0,060	0,305
CHR7	24049827	CHR7:24049827	SSF x Far_LoA	-8,191	0,188	0,286
CHR7	24051420	CHR7:24051420	SSF x Far_LoA	-9,271	-0,034	0,276
CHR7	24051468	CHR7:24051468	SSF x Far_LoA	-8,590	-0,134	0,283
CHR7	24051525	CHR7:24051525	SSF x Far_LoA	-9,818	-0,012	0,283
CHR7	24065940	CHR7:24065940	SSF x Far_LoA	-3,028	-0,054	0,310
CHR7	24066520	CHR7:24066520	SSF x Far_LoA	-11,326	0,072	0,283
CHR7	24066570	CHR7:24066570	SSF x Far_LoA	-11,434	-0,075	0,301
CHR7	24066586	CHR7:24066586	SSF x Far_LoA	-9,399	-0,007	0,295
CHR7	24066596	CHR7:24066596	SSF x Far_LoA	-7,034	-0,117	0,291
CHR7	24066637	CHR7:24066637	SSF x Far_LoA	-10,055	0,004	0,278
CHR7	24068990	CHR7:24068990	SSF x Far_LoA	-7,472	-0,061	0,309
CHR7	24069062	CHR7:24069062	SSF x Far_LoA	-9,512	-0,023	0,306
CHR7	24069074	CHR7:24069074	SSF x Far_LoA	-10,234	-0,011	0,303
CHR7	24090549	CHR7:24090549	SSF x Far_LoA	-11,569	0,115	0,294
CHR7	24090560	CHR7:24090560	SSF x Far_LoA	-9,772	-0,055	0,292
CHR7	24090631	CHR7:24090631	SSF x Far_LoA	-7,672	0,141	0,290
CHR7	24090642	CHR7:24090642	SSF x Far_LoA	-8,150	0,083	0,285
CHR7	24090664	CHR7:24090664	SSF x Far_LoA	-8,388	-0,117	0,288

CHR7	24094803	CHR7:24094803	SSF x Far_LoA	-7,871	-0,047	0,297
CHR7	24099502	CHR7:24099502	SSF x Far_LoA	-6,141	0,160	0,283
CHR7	24099512	CHR7:24099512	SSF x Far_LoA	-10,819	-0,070	0,297
CHR7	24099513	CHR7:24099513	SSF x Far_LoA	-8,933	-0,034	0,298
CHR7	24099848	CHR7:24099848	SSF x Far_LoA	-9,424	0,011	0,287
CHR7	24110229	CHR7:24110229	SSF x Far_LoA	-11,660	-0,069	0,281
CHR7	24110292	CHR7:24110292	SSF x Far_LoA	-10,553	0,100	0,289
CHR7	24110310	CHR7:24110310	SSF x Far_LoA	-11,041	0,120	0,293
CHR7	24115125	CHR7:24115125	SSF x Far_LoA	-10,174	0,058	0,288
CHR7	2411518	CHR7:2411518	SSF x Far_LoA	-7,973	-0,037	0,290
CHR7	24115254	CHR7:24115254	SSF x Far_LoA	-9,519	0,011	0,286
CHR7	24115265	CHR7:24115265	SSF x Far_LoA	-8,780	0,075	0,291
CHR7	24131418	CHR7:24131418	SSF x Far_LoA	-8,645	-0,002	0,297
CHR7	24134946	CHR7:24134946	SSF x Far_LoA	-8,388	0,045	0,284
CHR7	24135036	CHR7:24135036	SSF x Far_LoA	-9,174	-0,030	0,285
CHR7	24138610	CHR7:24138610	SSF x Far_LoA	-8,154	0,065	0,277
CHR7	24138635	CHR7:24138635	SSF x Far_LoA	-9,382	-0,021	0,284
CHR7	24138705	CHR7:24138705	SSF x Far_LoA	-6,050	0,119	0,290
CHR7	24139389	CHR7:24139389	SSF x Far_LoA	-8,589	-0,009	0,290
CHR7	24139451	CHR7:24139451	SSF x Far_LoA	-8,780	-0,020	0,311
CHR7	24139453	CHR7:24139453	SSF x Far_LoA	-9,949	0,036	0,282
CHR7	24169714	CHR7:24169714	SSF x Far_LoA	-9,203	0,000	0,278
CHR7	24178745	CHR7:24178745	SSF x Far_LoA	-5,923	0,104	0,298
CHR7	24178788	CHR7:24178788	SSF x Far_LoA	-10,100	-0,009	0,291
CHR7	24178812	CHR7:24178812	SSF x Far_LoA	-9,477	-0,097	0,309
CHR7	2418232	CHR7:2418232	SSF x Far_LoA	-6,944	0,084	0,306
CHR7	2418293	CHR7:2418293	SSF x Far_LoA	-6,452	-0,050	0,279
CHR7	2418889	CHR7:2418889	SSF x Far_LoA	-11,837	-0,059	0,287
CHR7	2419039	CHR7:2419039	SSF x Far_LoA	-11,246	0,010	0,292
CHR7	2419049	CHR7:2419049	SSF x Far_LoA	-7,004	-0,068	0,282
CHR7	24196374	CHR7:24196374	SSF x Far_LoA	-5,539	0,052	0,279
CHR7	24206901	CHR7:24206901	SSF x Far_LoA	-10,441	0,021	0,302
CHR7	24213008	CHR7:24213008	SSF x Far_LoA	-9,695	0,027	0,302
CHR7	24213139	CHR7:24213139	SSF x Far_LoA	-9,668	-0,012	0,294
CHR7	24213205	CHR7:24213205	SSF x Far_LoA	-11,897	0,043	0,271
CHR7	24245612	CHR7:24245612	SSF x Far_LoA	-7,206	-0,138	0,291
CHR7	24245677	CHR7:24245677	SSF x Far_LoA	-7,601	0,053	0,283
CHR7	24245693	CHR7:24245693	SSF x Far_LoA	-10,212	0,056	0,286
CHR7	24245718	CHR7:24245718	SSF x Far_LoA	-9,670	-0,043	0,281
CHR7	24258078	CHR7:24258078	SSF x Far_LoA	-10,833	0,065	0,292
CHR7	24258165	CHR7:24258165	SSF x Far_LoA	-9,004	-0,086	0,283
CHR7	24258200	CHR7:24258200	SSF x Far_LoA	-6,981	-0,073	0,302
CHR7	24258306	CHR7:24258306	SSF x Far_LoA	-6,890	-0,145	0,289
CHR7	24258310	CHR7:24258310	SSF x Far_LoA	-7,595	-0,166	0,283
CHR7	24258322	CHR7:24258322	SSF x Far_LoA	-6,824	-0,138	0,284
CHR7	24278033	CHR7:24278033	SSF x Far_LoA	-9,238	0,001	0,281
CHR7	24279590	CHR7:24279590	SSF x Far_LoA	-10,862	-0,053	0,289
CHR7	24279698	CHR7:24279698	SSF x Far_LoA	-4,487	-0,217	0,278
CHR7	24283639	CHR7:24283639	SSF x Far_LoA	-8,307	-0,081	0,277
CHR7	24283649	CHR7:24283649	SSF x Far_LoA	-10,699	0,106	0,266
CHR7	24283819	CHR7:24283819	SSF x Far_LoA	-7,064	-0,103	0,273
CHR7	24283862	CHR7:24283862	SSF x Far_LoA	-9,865	-0,068	0,282
CHR7	24283933	CHR7:24283933	SSF x Far_LoA	-10,689	0,061	0,273

CHR7	24293079	CHR7:24293079	SSF x Far_LoA	-8,546	0,029	0,310
CHR7	24293210	CHR7:24293210	SSF x Far_LoA	-11,139	0,020	0,299
CHR7	24297249	CHR7:24297249	SSF x Far_LoA	-8,554	-0,021	0,292
CHR7	24297273	CHR7:24297273	SSF x Far_LoA	-6,242	-0,018	0,288
CHR7	24297393	CHR7:24297393	SSF x Far_LoA	-5,805	0,014	0,278
CHR7	24297553	CHR7:24297553	SSF x Far_LoA	-8,852	-0,052	0,295
CHR7	24303353	CHR7:24303353	SSF x Far_LoA	-11,479	0,036	0,277
CHR7	24303367	CHR7:24303367	SSF x Far_LoA	-4,547	0,039	0,294
CHR7	24303413	CHR7:24303413	SSF x Far_LoA	-8,751	0,025	0,295
CHR7	24303451	CHR7:24303451	SSF x Far_LoA	-7,474	-0,065	0,294
CHR7	24303456	CHR7:24303456	SSF x Far_LoA	-8,924	-0,070	0,300
CHR7	24303468	CHR7:24303468	SSF x Far_LoA	-9,902	-0,051	0,291
CHR7	24303473	CHR7:24303473	SSF x Far_LoA	-8,004	0,143	0,281
CHR7	24303523	CHR7:24303523	SSF x Far_LoA	-3,757	-0,124	0,282
CHR7	24303594	CHR7:24303594	SSF x Far_LoA	-9,936	-0,054	0,275
CHR7	24306701	CHR7:24306701	SSF x Far_LoA	-8,841	0,070	0,293
CHR7	24306703	CHR7:24306703	SSF x Far_LoA	-6,270	-0,215	0,273
CHR7	24306839	CHR7:24306839	SSF x Far_LoA	-9,655	-0,075	0,293
CHR7	24306858	CHR7:24306858	SSF x Far_LoA	-7,557	-0,193	0,269
CHR7	24306889	CHR7:24306889	SSF x Far_LoA	-7,338	0,022	0,296
CHR7	24306890	CHR7:24306890	SSF x Far_LoA	-10,613	0,088	0,288
CHR7	24306900	CHR7:24306900	SSF x Far_LoA	-3,837	-0,222	0,288
CHR7	24306918	CHR7:24306918	SSF x Far_LoA	-5,806	0,126	0,290
CHR7	24306923	CHR7:24306923	SSF x Far_LoA	-8,597	0,115	0,300
CHR7	24306935	CHR7:24306935	SSF x Far_LoA	-3,714	0,179	0,282
CHR7	2431932	CHR7:2431932	SSF x Far_LoA	-9,416	-0,049	0,285
CHR7	24326486	CHR7:24326486	SSF x Far_LoA	-10,632	0,091	0,290
CHR7	24342744	CHR7:24342744	SSF x Far_LoA	-9,360	0,028	0,290
CHR7	24342795	CHR7:24342795	SSF x Far_LoA	-10,660	0,008	0,286
CHR7	24351081	CHR7:24351081	SSF x Far_LoA	-10,558	-0,033	0,283
CHR7	24351202	CHR7:24351202	SSF x Far_LoA	-10,686	0,126	0,294
CHR7	24356980	CHR7:24356980	SSF x Far_LoA	-10,126	-0,144	0,289
CHR7	24357211	CHR7:24357211	SSF x Far_LoA	-5,712	0,147	0,275
CHR7	24360188	CHR7:24360188	SSF x Far_LoA	-10,786	-0,037	0,288
CHR7	24360189	CHR7:24360189	SSF x Far_LoA	-8,215	-0,037	0,284
CHR7	24360287	CHR7:24360287	SSF x Far_LoA	-9,526	-0,069	0,293
CHR7	24360288	CHR7:24360288	SSF x Far_LoA	-9,988	-0,059	0,291
CHR7	24368062	CHR7:24368062	SSF x Far_LoA	-9,651	0,024	0,278
CHR7	24368086	CHR7:24368086	SSF x Far_LoA	-8,940	-0,019	0,290
CHR7	24368096	CHR7:24368096	SSF x Far_LoA	-7,699	-0,110	0,304
CHR7	24368151	CHR7:24368151	SSF x Far_LoA	-10,512	0,112	0,295
CHR7	24368152	CHR7:24368152	SSF x Far_LoA	-10,951	-0,009	0,290
CHR7	24368167	CHR7:24368167	SSF x Far_LoA	-5,392	0,032	0,293
CHR7	24368177	CHR7:24368177	SSF x Far_LoA	-6,864	-0,160	0,287
CHR7	24368275	CHR7:24368275	SSF x Far_LoA	-9,569	0,112	0,298
CHR7	24368276	CHR7:24368276	SSF x Far_LoA	-9,049	-0,058	0,289
CHR7	24368306	CHR7:24368306	SSF x Far_LoA	-7,842	-0,083	0,296
CHR7	24370772	CHR7:24370772	SSF x Far_LoA	-8,536	-0,105	0,285
CHR7	24370844	CHR7:24370844	SSF x Far_LoA	-9,099	0,086	0,285
CHR7	24370878	CHR7:24370878	SSF x Far_LoA	-8,317	-0,110	0,282
CHR7	24384712	CHR7:24384712	SSF x Far_LoA	-12,434	0,002	0,294
CHR7	24386952	CHR7:24386952	SSF x Far_LoA	-8,977	-0,116	0,284
CHR7	24386961	CHR7:24386961	SSF x Far_LoA	-10,485	-0,017	0,281

CHR7	24387096	CHR7:24387096	SSF x Far_LoA	-7,549	0,074	0,298
CHR7	24397226	CHR7:24397226	SSF x Far_LoA	-8,026	0,062	0,306
CHR7	2442202	CHR7:2442202	SSF x Far_LoA	-8,982	-0,064	0,278
CHR7	24452208	CHR7:24452208	SSF x Far_LoA	-9,883	0,068	0,301
CHR7	24452271	CHR7:24452271	SSF x Far_LoA	-7,031	0,153	0,278
CHR7	24452313	CHR7:24452313	SSF x Far_LoA	-8,113	0,044	0,289
CHR7	24452314	CHR7:24452314	SSF x Far_LoA	-8,631	0,037	0,287
CHR7	24452467	CHR7:24452467	SSF x Far_LoA	-8,783	0,068	0,292
CHR7	24461980	CHR7:24461980	SSF x Far_LoA	-10,392	-0,030	0,282
CHR7	24462000	CHR7:24462000	SSF x Far_LoA	-9,497	0,005	0,270
CHR7	24462008	CHR7:24462008	SSF x Far_LoA	-8,718	0,074	0,292
CHR7	24462078	CHR7:24462078	SSF x Far_LoA	-10,058	0,105	0,264
CHR7	24462107	CHR7:24462107	SSF x Far_LoA	-11,055	0,023	0,296
CHR7	24462128	CHR7:24462128	SSF x Far_LoA	-10,906	0,021	0,285
CHR7	24471302	CHR7:24471302	SSF x Far_LoA	-6,512	0,000	0,307
CHR7	24471333	CHR7:24471333	SSF x Far_LoA	-8,698	-0,045	0,295
CHR7	24471364	CHR7:24471364	SSF x Far_LoA	-8,797	-0,053	0,287
CHR7	24471370	CHR7:24471370	SSF x Far_LoA	-10,308	0,030	0,289
CHR7	24471373	CHR7:24471373	SSF x Far_LoA	-6,705	-0,066	0,296
CHR7	24496172	CHR7:24496172	SSF x Far_LoA	-7,722	0,119	0,293
CHR7	24496423	CHR7:24496423	SSF x Far_LoA	-8,217	-0,003	0,310
CHR7	24496481	CHR7:24496481	SSF x Far_LoA	-10,033	-0,076	0,288
CHR7	24501866	CHR7:24501866	SSF x Far_LoA	-9,271	0,091	0,299
CHR7	24501869	CHR7:24501869	SSF x Far_LoA	-9,596	-0,018	0,287
CHR7	24501901	CHR7:24501901	SSF x Far_LoA	-8,653	0,047	0,310
CHR7	24501911	CHR7:24501911	SSF x Far_LoA	-10,989	-0,024	0,304
CHR7	24502000	CHR7:24502000	SSF x Far_LoA	-9,388	0,031	0,299
CHR7	24502002	CHR7:24502002	SSF x Far_LoA	-9,567	0,094	0,273
CHR7	24502073	CHR7:24502073	SSF x Far_LoA	-11,433	0,008	0,282
CHR7	24502078	CHR7:24502078	SSF x Far_LoA	-8,721	0,047	0,294
CHR7	24502082	CHR7:24502082	SSF x Far_LoA	-11,043	0,041	0,283
CHR7	24505244	CHR7:24505244	SSF x Far_LoA	-9,697	0,007	0,300
CHR7	24505259	CHR7:24505259	SSF x Far_LoA	-9,213	-0,026	0,292
CHR7	24505266	CHR7:24505266	SSF x Far_LoA	10,327	0,000	0,297
CHR7	24505269	CHR7:24505269	SSF x Far_LoA	-9,239	0,002	0,301
CHR7	24505276	CHR7:24505276	SSF x Far_LoA	-8,744	0,012	0,288
CHR7	24505360	CHR7:24505360	SSF x Far_LoA	-10,676	-0,076	0,288
CHR7	24505415	CHR7:24505415	SSF x Far_LoA	-5,797	-0,013	0,281
CHR7	24507338	CHR7:24507338	SSF x Far_LoA	-8,198	0,025	0,308
CHR7	24507541	CHR7:24507541	SSF x Far_LoA	-8,971	0,019	0,285
CHR7	24536248	CHR7:24536248	SSF x Far_LoA	-9,170	0,112	0,269
CHR7	24536271	CHR7:24536271	SSF x Far_LoA	-6,769	-0,095	0,300
CHR7	24560031	CHR7:24560031	SSF x Far_LoA	-0,756	-0,051	0,295
CHR7	24560047	CHR7:24560047	SSF x Far_LoA	-9,601	-0,005	0,279
CHR7	24560187	CHR7:24560187	SSF x Far_LoA	-9,668	0,021	0,277
CHR7	24560190	CHR7:24560190	SSF x Far_LoA	-11,976	0,060	0,277
CHR7	24560199	CHR7:24560199	SSF x Far_LoA	-9,269	-0,072	0,281
CHR7	24560274	CHR7:24560274	SSF x Far_LoA	-8,639	-0,036	0,310
CHR7	24567383	CHR7:24567383	SSF x Far_LoA	-7,684	-0,134	0,286
CHR7	24567424	CHR7:24567424	SSF x Far_LoA	-6,338	-0,105	0,290
CHR7	24567594	CHR7:24567594	SSF x Far_LoA	-4,979	0,214	0,253
CHR7	24588453	CHR7:24588453	SSF x Far_LoA	-11,695	0,033	0,285
CHR7	24588467	CHR7:24588467	SSF x Far_LoA	-8,374	0,016	0,289

CHR7	24591403	CHR7:24591403	SSF x Far_LoA	-9,552	-0,118	0,289
CHR7	24591572	CHR7:24591572	SSF x Far_LoA	-11,087	0,015	0,278
CHR7	24591635	CHR7:24591635	SSF x Far_LoA	-9,506	-0,086	0,282
CHR7	24591651	CHR7:24591651	SSF x Far_LoA	-10,294	-0,015	0,288
CHR7	24591657	CHR7:24591657	SSF x Far_LoA	-10,113	0,037	0,286
CHR7	24595074	CHR7:24595074	SSF x Far_LoA	-7,413	0,018	0,300
CHR7	24595113	CHR7:24595113	SSF x Far_LoA	-8,870	-0,030	0,301
CHR7	24595182	CHR7:24595182	SSF x Far_LoA	-10,018	0,000	0,293
CHR7	24601439	CHR7:24601439	SSF x Far_LoA	-8,819	0,057	0,298
CHR7	24601451	CHR7:24601451	SSF x Far_LoA	-9,019	0,030	0,291
CHR7	2460458	CHR7:2460458	SSF x Far_LoA	-10,598	0,028	0,289
CHR7	2460463	CHR7:2460463	SSF x Far_LoA	-1,027	0,177	0,289
CHR7	2460553	CHR7:2460553	SSF x Far_LoA	-10,263	0,002	0,306
CHR7	24619066	CHR7:24619066	SSF x Far_LoA	-6,909	-0,045	0,298
CHR7	24620692	CHR7:24620692	SSF x Far_LoA	-11,450	-0,024	0,288
CHR7	24620780	CHR7:24620780	SSF x Far_LoA	-8,140	0,135	0,282
CHR7	24632117	CHR7:24632117	SSF x Far_LoA	-11,878	0,048	0,291
CHR7	24632476	CHR7:24632476	SSF x Far_LoA	-10,286	0,006	0,289
CHR7	24632520	CHR7:24632520	SSF x Far_LoA	-11,541	-0,028	0,289
CHR7	24632522	CHR7:24632522	SSF x Far_LoA	-6,537	-0,067	0,298
CHR7	24632535	CHR7:24632535	SSF x Far_LoA	-8,823	0,010	0,298
CHR7	24632553	CHR7:24632553	SSF x Far_LoA	-11,041	-0,061	0,296
CHR7	24638479	CHR7:24638479	SSF x Far_LoA	-8,545	0,103	0,294
CHR7	24644250	CHR7:24644250	SSF x Far_LoA	-8,744	0,003	0,289
CHR7	24644461	CHR7:24644461	SSF x Far_LoA	-8,796	0,021	0,310
CHR7	2466328	CHR7:2466328	SSF x Far_LoA	-6,952	-0,013	0,300
CHR7	2466485	CHR7:2466485	SSF x Far_LoA	-9,476	-0,048	0,289
CHR7	24670645	CHR7:24670645	SSF x Far_LoA	-9,132	0,134	0,277
CHR7	24670881	CHR7:24670881	SSF x Far_LoA	-8,600	-0,020	0,283
CHR7	24670885	CHR7:24670885	SSF x Far_LoA	-8,183	-0,143	0,277
CHR7	24685278	CHR7:24685278	SSF x Far_LoA	-8,404	0,004	0,292
CHR7	24685322	CHR7:24685322	SSF x Far_LoA	-9,606	0,041	0,285
CHR7	24685543	CHR7:24685543	SSF x Far_LoA	-8,446	-0,089	0,293
CHR7	24685554	CHR7:24685554	SSF x Far_LoA	-9,739	0,149	0,292
CHR7	24689884	CHR7:24689884	SSF x Far_LoA	-8,650	-0,128	0,277
CHR7	24689913	CHR7:24689913	SSF x Far_LoA	-6,049	-0,150	0,290
CHR7	24689942	CHR7:24689942	SSF x Far_LoA	-11,253	-0,009	0,282
CHR7	24698358	CHR7:24698358	SSF x Far_LoA	-11,111	0,027	0,291
CHR7	24698409	CHR7:24698409	SSF x Far_LoA	-10,691	0,075	0,294
CHR7	24698437	CHR7:24698437	SSF x Far_LoA	-7,009	0,155	0,272
CHR7	24708474	CHR7:24708474	SSF x Far_LoA	-10,337	-0,002	0,294
CHR7	24708494	CHR7:24708494	SSF x Far_LoA	-8,406	0,051	0,288
CHR7	24708509	CHR7:24708509	SSF x Far_LoA	-8,535	0,076	0,293
CHR7	2472217	CHR7:2472217	SSF x Far_LoA	-10,550	-0,088	0,287
CHR7	2472238	CHR7:2472238	SSF x Far_LoA	-8,747	0,019	0,293
CHR7	2472255	CHR7:2472255	SSF x Far_LoA	-8,406	0,035	0,301
CHR7	2472406	CHR7:2472406	SSF x Far_LoA	-11,400	0,003	0,297
CHR7	2472407	CHR7:2472407	SSF x Far_LoA	-11,059	-0,001	0,289
CHR7	24741551	CHR7:24741551	SSF x Far_LoA	-9,866	0,007	0,292
CHR7	24741554	CHR7:24741554	SSF x Far_LoA	-9,491	0,005	0,282
CHR7	24741606	CHR7:24741606	SSF x Far_LoA	-8,201	-0,060	0,293
CHR7	24751566	CHR7:24751566	SSF x Far_LoA	-7,918	0,101	0,292
CHR7	24751583	CHR7:24751583	SSF x Far_LoA	-4,687	0,137	0,309

CHR7	24751588	CHR7:24751588	SSF x Far_LoA	-7,626	0,110	0,293
CHR7	24759407	CHR7:24759407	SSF x Far_LoA	-11,571	0,056	0,285
CHR7	24759505	CHR7:24759505	SSF x Far_LoA	10,272	0,007	0,298
CHR7	24765952	CHR7:24765952	SSF x Far_LoA	-9,059	0,013	0,282
CHR7	24766025	CHR7:24766025	SSF x Far_LoA	-3,003	-0,056	0,287
CHR7	24766054	CHR7:24766054	SSF x Far_LoA	-10,239	-0,101	0,299
CHR7	24766168	CHR7:24766168	SSF x Far_LoA	-6,943	-0,145	0,287
CHR7	24785395	CHR7:24785395	SSF x Far_LoA	-10,191	-0,045	0,276
CHR7	24785399	CHR7:24785399	SSF x Far_LoA	-7,948	-0,100	0,279
CHR7	24785440	CHR7:24785440	SSF x Far_LoA	-10,409	-0,039	0,300
CHR7	24785613	CHR7:24785613	SSF x Far_LoA	-10,198	0,071	0,302
CHR7	24866524	CHR7:24866524	SSF x Far_LoA	-7,281	0,141	0,275
CHR7	24866676	CHR7:24866676	SSF x Far_LoA	-11,153	0,005	0,292
CHR7	24866698	CHR7:24866698	SSF x Far_LoA	-5,550	-0,024	0,287
CHR7	24866701	CHR7:24866701	SSF x Far_LoA	-11,263	-0,038	0,280
CHR7	24866712	CHR7:24866712	SSF x Far_LoA	-11,355	-0,042	0,288
CHR7	24866718	CHR7:24866718	SSF x Far_LoA	-10,942	-0,035	0,298
CHR7	24873205	CHR7:24873205	SSF x Far_LoA	-9,753	-0,094	0,293
CHR7	24875070	CHR7:24875070	SSF x Far_LoA	-9,247	-0,005	0,295
CHR7	24909672	CHR7:24909672	SSF x Far_LoA	-7,433	-0,108	0,281
CHR7	24909772	CHR7:24909772	SSF x Far_LoA	-8,630	0,095	0,268
CHR7	24911459	CHR7:24911459	SSF x Far_LoA	-7,655	0,051	0,279
CHR7	24911474	CHR7:24911474	SSF x Far_LoA	-9,257	-0,042	0,283
CHR7	24922450	CHR7:24922450	SSF x Far_LoA	-7,710	-0,024	0,289
CHR7	24954246	CHR7:24954246	SSF x Far_LoA	-8,834	0,015	0,313
CHR7	2495441	CHR7:2495441	SSF x Far_LoA	-10,335	0,175	0,286
CHR7	2495519	CHR7:2495519	SSF x Far_LoA	-5,206	0,125	0,306
CHR7	2497424	CHR7:2497424	SSF x Far_LoA	-6,505	0,023	0,271
CHR7	2497439	CHR7:2497439	SSF x Far_LoA	-8,752	0,009	0,287
CHR7	2497442	CHR7:2497442	SSF x Far_LoA	-9,324	0,025	0,269
CHR7	2497676	CHR7:2497676	SSF x Far_LoA	-10,057	-0,114	0,271
CHR7	2497765	CHR7:2497765	SSF x Far_LoA	-9,184	0,053	0,275
CHR7	2497777	CHR7:2497777	SSF x Far_LoA	-9,929	0,006	0,291
CHR7	25001399	CHR7:25001399	SSF x Far_LoA	-8,203	-0,081	0,303
CHR7	25004855	CHR7:25004855	SSF x Far_LoA	-0,483	0,196	0,281
CHR7	25014328	CHR7:25014328	SSF x Far_LoA	-7,197	0,077	0,293
CHR7	25019179	CHR7:25019179	SSF x Far_LoA	-7,710	-0,062	0,302
CHR7	25021355	CHR7:25021355	SSF x Far_LoA	-9,394	0,003	0,284
CHR7	25021564	CHR7:25021564	SSF x Far_LoA	-9,752	-0,042	0,273
CHR7	25026748	CHR7:25026748	SSF x Far_LoA	-10,955	0,042	0,297
CHR7	25026889	CHR7:25026889	SSF x Far_LoA	-10,567	0,092	0,287
CHR7	25041980	CHR7:25041980	SSF x Far_LoA	-9,048	-0,021	0,304
CHR7	25042024	CHR7:25042024	SSF x Far_LoA	-7,357	0,015	0,299
CHR7	25042053	CHR7:25042053	SSF x Far_LoA	-10,321	0,090	0,287
CHR7	25042271	CHR7:25042271	SSF x Far_LoA	-10,171	-0,006	0,282
CHR7	2506266	CHR7:2506266	SSF x Far_LoA	-10,362	-0,012	0,303
CHR7	2506297	CHR7:2506297	SSF x Far_LoA	-7,296	0,146	0,290
CHR7	2507258	CHR7:2507258	SSF x Far_LoA	-7,599	-0,092	0,272
CHR7	25093318	CHR7:25093318	SSF x Far_LoA	-10,260	0,013	0,298
CHR7	25093321	CHR7:25093321	SSF x Far_LoA	-9,398	-0,037	0,304
CHR7	25093322	CHR7:25093322	SSF x Far_LoA	-10,399	0,073	0,284
CHR7	25093342	CHR7:25093342	SSF x Far_LoA	-9,880	-0,023	0,294
CHR7	25093377	CHR7:25093377	SSF x Far_LoA	-9,293	-0,006	0,277

CHR7	25093566	CHR7:25093566	SSF x Far_LoA	-8,442	-0,107	0,274
CHR7	25103120	CHR7:25103120	SSF x Far_LoA	-9,026	-0,028	0,295
CHR7	25107220	CHR7:25107220	SSF x Far_LoA	-9,558	0,037	0,283
CHR7	25107388	CHR7:25107388	SSF x Far_LoA	-11,706	-0,007	0,293
CHR7	25107448	CHR7:25107448	SSF x Far_LoA	-8,449	-0,006	0,286
CHR7	25107450	CHR7:25107450	SSF x Far_LoA	-9,476	0,020	0,284
CHR7	25107562	CHR7:25107562	SSF x Far_LoA	-5,765	0,137	0,294
CHR7	25107567	CHR7:25107567	SSF x Far_LoA	-10,156	0,005	0,307
CHR7	25107577	CHR7:25107577	SSF x Far_LoA	-9,075	-0,025	0,298
CHR7	25107612	CHR7:25107612	SSF x Far_LoA	-8,680	0,064	0,293
CHR7	25107613	CHR7:25107613	SSF x Far_LoA	-11,961	0,054	0,286
CHR7	25118503	CHR7:25118503	SSF x Far_LoA	-7,560	0,053	0,302
CHR7	25118598	CHR7:25118598	SSF x Far_LoA	-11,903	0,018	0,281
CHR7	25118617	CHR7:25118617	SSF x Far_LoA	-8,109	0,047	0,288
CHR7	25118810	CHR7:25118810	SSF x Far_LoA	-8,234	0,054	0,295
CHR7	25123220	CHR7:25123220	SSF x Far_LoA	-10,204	-0,021	0,296
CHR7	25123398	CHR7:25123398	SSF x Far_LoA	-11,954	0,017	0,292
CHR7	25123420	CHR7:25123420	SSF x Far_LoA	-9,726	0,061	0,294
CHR7	25132934	CHR7:25132934	SSF x Far_LoA	-11,022	0,021	0,300
CHR7	25132988	CHR7:25132988	SSF x Far_LoA	-10,914	0,093	0,278
CHR7	25133030	CHR7:25133030	SSF x Far_LoA	-5,745	-0,109	0,285
CHR7	25133172	CHR7:25133172	SSF x Far_LoA	-5,567	-0,129	0,291
CHR7	25133342	CHR7:25133342	SSF x Far_LoA	-11,248	-0,081	0,288
CHR7	25139477	CHR7:25139477	SSF x Far_LoA	-7,855	0,131	0,286
CHR7	25139644	CHR7:25139644	SSF x Far_LoA	-8,607	-0,047	0,290
CHR7	25152208	CHR7:25152208	SSF x Far_LoA	-8,821	-0,022	0,302
CHR7	25152272	CHR7:25152272	SSF x Far_LoA	-9,025	-0,085	0,295
CHR7	25152497	CHR7:25152497	SSF x Far_LoA	-9,834	0,052	0,274
CHR7	25152507	CHR7:25152507	SSF x Far_LoA	-9,540	0,028	0,285
CHR7	2516044	CHR7:2516044	SSF x Far_LoA	-11,997	-0,057	0,283
CHR7	2516123	CHR7:2516123	SSF x Far_LoA	-6,879	-0,078	0,299
CHR7	2516259	CHR7:2516259	SSF x Far_LoA	-9,291	-0,098	0,303
CHR7	2516352	CHR7:2516352	SSF x Far_LoA	-10,939	-0,053	0,289
CHR7	2516390	CHR7:2516390	SSF x Far_LoA	-9,688	-0,058	0,279
CHR7	2516414	CHR7:2516414	SSF x Far_LoA	-6,468	-0,055	0,286
CHR7	2516456	CHR7:2516456	SSF x Far_LoA	-9,970	-0,064	0,285
CHR7	2516460	CHR7:2516460	SSF x Far_LoA	-6,740	-0,096	0,295
CHR7	2516517	CHR7:2516517	SSF x Far_LoA	-7,728	0,096	0,294
CHR7	25168162	CHR7:25168162	SSF x Far_LoA	-9,032	0,099	0,287
CHR7	25168499	CHR7:25168499	SSF x Far_LoA	-10,298	0,152	0,279
CHR7	25168502	CHR7:25168502	SSF x Far_LoA	-11,263	0,054	0,290
CHR7	25183222	CHR7:25183222	SSF x Far_LoA	-10,813	-0,034	0,280
CHR7	25183583	CHR7:25183583	SSF x Far_LoA	-7,620	-0,005	0,292
CHR7	25192474	CHR7:25192474	SSF x Far_LoA	-12,341	-0,039	0,291
CHR7	25204318	CHR7:25204318	SSF x Far_LoA	-9,736	-0,055	0,291
CHR7	25210498	CHR7:25210498	SSF x Far_LoA	-11,212	0,133	0,285
CHR7	25212938	CHR7:25212938	SSF x Far_LoA	-10,967	0,017	0,285
CHR7	25213080	CHR7:25213080	SSF x Far_LoA	-5,780	-0,136	0,274
CHR7	25213204	CHR7:25213204	SSF x Far_LoA	-8,605	-0,104	0,287
CHR7	25213276	CHR7:25213276	SSF x Far_LoA	-10,119	-0,072	0,299
CHR7	25213314	CHR7:25213314	SSF x Far_LoA	-8,380	0,091	0,294
CHR7	25217314	CHR7:25217314	SSF x Far_LoA	-7,628	0,154	0,287
CHR7	25217334	CHR7:25217334	SSF x Far_LoA	-8,845	-0,089	0,291

CHR7	25217384	CHR7:25217384	SSF x Far_LoA	-3,886	0,013	0,311
CHR7	25217442	CHR7:25217442	SSF x Far_LoA	-10,671	0,045	0,280
CHR7	25221971	CHR7:25221971	SSF x Far_LoA	-7,888	0,005	0,303
CHR7	25222107	CHR7:25222107	SSF x Far_LoA	-8,753	0,133	0,293
CHR7	25228322	CHR7:25228322	SSF x Far_LoA	-8,553	0,063	0,282
CHR7	25228486	CHR7:25228486	SSF x Far_LoA	-6,844	0,057	0,307
CHR7	25228621	CHR7:25228621	SSF x Far_LoA	-9,986	0,080	0,285
CHR7	25230576	CHR7:25230576	SSF x Far_LoA	-9,396	-0,085	0,279
CHR7	25230686	CHR7:25230686	SSF x Far_LoA	-9,576	0,060	0,284
CHR7	25230692	CHR7:25230692	SSF x Far_LoA	-8,932	-0,115	0,304
CHR7	25230815	CHR7:25230815	SSF x Far_LoA	-7,534	-0,147	0,296
CHR7	25230908	CHR7:25230908	SSF x Far_LoA	-7,417	0,091	0,275
CHR7	25230941	CHR7:25230941	SSF x Far_LoA	-10,739	-0,016	0,286
CHR7	25238358	CHR7:25238358	SSF x Far_LoA	-10,441	0,153	0,278
CHR7	25238420	CHR7:25238420	SSF x Far_LoA	-8,994	0,086	0,288
CHR7	25240566	CHR7:25240566	SSF x Far_LoA	-9,667	0,011	0,298
CHR7	25240697	CHR7:25240697	SSF x Far_LoA	-9,728	0,050	0,288
CHR7	25250299	CHR7:25250299	SSF x Far_LoA	-8,414	0,087	0,287
CHR7	25250396	CHR7:25250396	SSF x Far_LoA	-10,425	-0,041	0,283
CHR7	25260790	CHR7:25260790	SSF x Far_LoA	-8,182	0,041	0,303
CHR7	25262776	CHR7:25262776	SSF x Far_LoA	-4,571	0,134	0,266
CHR7	25282605	CHR7:25282605	SSF x Far_LoA	-8,632	-0,027	0,272
CHR7	25332219	CHR7:25332219	SSF x Far_LoA	-8,604	-0,020	0,293
CHR7	2534597	CHR7:2534597	SSF x Far_LoA	-10,296	-0,070	0,301
CHR7	2534733	CHR7:2534733	SSF x Far_LoA	-7,936	-0,168	0,289
CHR7	2535024	CHR7:2535024	SSF x Far_LoA	-11,828	-0,019	0,293
CHR7	25371756	CHR7:25371756	SSF x Far_LoA	-9,828	-0,026	0,299
CHR7	25392124	CHR7:25392124	SSF x Far_LoA	-8,944	-0,121	0,295
CHR7	25411566	CHR7:25411566	SSF x Far_LoA	-9,201	-0,127	0,283
CHR7	2588607	CHR7:2588607	SSF x Far_LoA	-8,384	0,051	0,299
CHR7	2603850	CHR7:2603850	SSF x Far_LoA	-7,500	-0,095	0,289
CHR7	2603863	CHR7:2603863	SSF x Far_LoA	-10,263	0,062	0,284
CHR7	2604082	CHR7:2604082	SSF x Far_LoA	-9,325	0,036	0,281
CHR7	2625411	CHR7:2625411	SSF x Far_LoA	-9,575	-0,003	0,283
CHR7	2625422	CHR7:2625422	SSF x Far_LoA	-8,503	-0,009	0,301
CHR7	2638070	CHR7:2638070	SSF x Far_LoA	-6,276	-0,017	0,304
CHR7	2638078	CHR7:2638078	SSF x Far_LoA	-10,920	-0,020	0,292
CHR7	2638325	CHR7:2638325	SSF x Far_LoA	-10,275	-0,043	0,290
CHR7	2638399	CHR7:2638399	SSF x Far_LoA	-9,807	0,025	0,279
CHR7	266970	CHR7:266970	SSF x Far_LoA	-9,604	0,022	0,276
CHR7	266994	CHR7:266994	SSF x Far_LoA	-5,956	0,113	0,294
CHR7	267003	CHR7:267003	SSF x Far_LoA	-9,892	0,160	0,279
CHR7	267050	CHR7:267050	SSF x Far_LoA	-9,904	-0,022	0,267
CHR7	2700618	CHR7:2700618	SSF x Far_LoA	-8,708	0,108	0,279
CHR7	2728131	CHR7:2728131	SSF x Far_LoA	-5,083	0,104	0,299
CHR7	275854	CHR7:275854	SSF x Far_LoA	-8,259	0,021	0,289
CHR7	275922	CHR7:275922	SSF x Far_LoA	-8,245	-0,030	0,272
CHR7	2766378	CHR7:2766378	SSF x Far_LoA	-9,169	-0,078	0,300
CHR7	2815202	CHR7:2815202	SSF x Far_LoA	-9,104	-0,099	0,292
CHR7	2815228	CHR7:2815228	SSF x Far_LoA	-8,716	-0,009	0,300
CHR7	2822928	CHR7:2822928	SSF x Far_LoA	-9,872	-0,112	0,292
CHR7	2827751	CHR7:2827751	SSF x Far_LoA	-11,225	0,080	0,292
CHR7	2827819	CHR7:2827819	SSF x Far_LoA	-7,232	0,025	0,303

CHR7	2827862	CHR7:2827862	SSF x Far_LoA	-8,236	0,016	0,287
CHR7	2832376	CHR7:2832376	SSF x Far_LoA	-8,091	-0,026	0,293
CHR7	2832579	CHR7:2832579	SSF x Far_LoA	-10,980	-0,043	0,275
CHR7	2835130	CHR7:2835130	SSF x Far_LoA	-10,801	0,037	0,298
CHR7	2845912	CHR7:2845912	SSF x Far_LoA	-10,595	0,067	0,283
CHR7	2845959	CHR7:2845959	SSF x Far_LoA	-10,814	-0,045	0,295
CHR7	2845976	CHR7:2845976	SSF x Far_LoA	-9,931	-0,053	0,297
CHR7	2845993	CHR7:2845993	SSF x Far_LoA	-11,119	0,006	0,288
CHR7	2853865	CHR7:2853865	SSF x Far_LoA	-7,831	0,097	0,288
CHR7	2854050	CHR7:2854050	SSF x Far_LoA	-11,157	0,155	0,278
CHR7	2858503	CHR7:2858503	SSF x Far_LoA	-9,579	0,069	0,307
CHR7	2858567	CHR7:2858567	SSF x Far_LoA	-10,444	-0,029	0,292
CHR7	2858628	CHR7:2858628	SSF x Far_LoA	-10,034	0,053	0,295
CHR7	2858656	CHR7:2858656	SSF x Far_LoA	-7,724	0,065	0,289
CHR7	2858666	CHR7:2858666	SSF x Far_LoA	-8,884	0,079	0,293
CHR7	2858700	CHR7:2858700	SSF x Far_LoA	-9,169	0,081	0,291
CHR7	2862063	CHR7:2862063	SSF x Far_LoA	-9,855	0,033	0,294
CHR7	2862115	CHR7:2862115	SSF x Far_LoA	-8,030	0,054	0,298
CHR7	2862193	CHR7:2862193	SSF x Far_LoA	-8,667	0,052	0,300
CHR7	2862247	CHR7:2862247	SSF x Far_LoA	4,551	0,098	0,283
CHR7	2862271	CHR7:2862271	SSF x Far_LoA	-11,791	0,110	0,277
CHR7	2862350	CHR7:2862350	SSF x Far_LoA	-11,040	-0,047	0,286
CHR7	2865001	CHR7:2865001	SSF x Far_LoA	-11,462	0,011	0,285
CHR7	2870755	CHR7:2870755	SSF x Far_LoA	-9,163	0,088	0,288
CHR7	2870874	CHR7:2870874	SSF x Far_LoA	-7,604	-0,032	0,297
CHR7	2870906	CHR7:2870906	SSF x Far_LoA	-10,039	-0,113	0,286
CHR7	2870945	CHR7:2870945	SSF x Far_LoA	-8,667	-0,046	0,312
CHR7	2870949	CHR7:2870949	SSF x Far_LoA	-10,433	0,012	0,282
CHR7	2870950	CHR7:2870950	SSF x Far_LoA	-6,132	-0,088	0,288
CHR7	2870956	CHR7:2870956	SSF x Far_LoA	-6,242	0,009	0,297
CHR7	2870961	CHR7:2870961	SSF x Far_LoA	-7,532	0,002	0,288
CHR7	2870969	CHR7:2870969	SSF x Far_LoA	-7,671	0,150	0,270
CHR7	2871041	CHR7:2871041	SSF x Far_LoA	-7,565	-0,066	0,307
CHR7	2878476	CHR7:2878476	SSF x Far_LoA	-11,876	-0,042	0,282
CHR7	2878559	CHR7:2878559	SSF x Far_LoA	-11,163	0,092	0,288
CHR7	2878620	CHR7:2878620	SSF x Far_LoA	-10,726	0,038	0,292
CHR7	2878711	CHR7:2878711	SSF x Far_LoA	-11,260	0,021	0,300
CHR7	2887932	CHR7:2887932	SSF x Far_LoA	-8,896	0,046	0,284
CHR7	2887938	CHR7:2887938	SSF x Far_LoA	-8,534	0,036	0,301
CHR7	2891472	CHR7:2891472	SSF x Far_LoA	-0,571	-0,092	0,284
CHR7	2891487	CHR7:2891487	SSF x Far_LoA	-6,516	-0,014	0,303
CHR7	2891584	CHR7:2891584	SSF x Far_LoA	-9,357	0,013	0,297
CHR7	2891666	CHR7:2891666	SSF x Far_LoA	-8,426	-0,086	0,294
CHR7	2897898	CHR7:2897898	SSF x Far_LoA	-11,124	0,039	0,275
CHR7	2897906	CHR7:2897906	SSF x Far_LoA	-5,921	0,080	0,282
CHR7	2897970	CHR7:2897970	SSF x Far_LoA	-7,700	0,089	0,292
CHR7	2916556	CHR7:2916556	SSF x Far_LoA	0,775	0,252	0,273
CHR7	2916557	CHR7:2916557	SSF x Far_LoA	-9,658	-0,033	0,281
CHR7	2924261	CHR7:2924261	SSF x Far_LoA	-8,008	-0,011	0,297
CHR7	2924293	CHR7:2924293	SSF x Far_LoA	-9,570	0,072	0,291
CHR7	2924350	CHR7:2924350	SSF x Far_LoA	-8,929	-0,028	0,297
CHR7	2924368	CHR7:2924368	SSF x Far_LoA	-7,651	-0,005	0,295
CHR7	2924393	CHR7:2924393	SSF x Far_LoA	-6,660	0,107	0,291

CHR7	2924460	CHR7:2924460	SSF x Far_LoA	-8,756	0,045	0,297
CHR7	2930010	CHR7:2930010	SSF x Far_LoA	-11,498	0,045	0,296
CHR7	2931531	CHR7:2931531	SSF x Far_LoA	-11,715	0,003	0,294
CHR7	2931575	CHR7:2931575	SSF x Far_LoA	-9,565	-0,093	0,282
CHR7	2931587	CHR7:2931587	SSF x Far_LoA	-12,261	-0,026	0,302
CHR7	2931602	CHR7:2931602	SSF x Far_LoA	-10,775	-0,012	0,280
CHR7	2941300	CHR7:2941300	SSF x Far_LoA	-5,190	-0,175	0,277
CHR7	2967702	CHR7:2967702	SSF x Far_LoA	-9,111	0,085	0,279
CHR7	2967875	CHR7:2967875	SSF x Far_LoA	-9,858	0,016	0,289
CHR7	298838	CHR7:298838	SSF x Far_LoA	-5,375	0,129	0,282
CHR7	300826	CHR7:300826	SSF x Far_LoA	-7,947	0,013	0,312
CHR7	301387	CHR7:301387	SSF x Far_LoA	-9,576	-0,124	0,285
CHR7	3037038	CHR7:3037038	SSF x Far_LoA	-8,304	0,149	0,288
CHR7	3041276	CHR7:3041276	SSF x Far_LoA	-8,930	-0,019	0,294
CHR7	3044821	CHR7:3044821	SSF x Far_LoA	-6,543	-0,116	0,301
CHR7	3044883	CHR7:3044883	SSF x Far_LoA	-10,887	-0,054	0,290
CHR7	3054520	CHR7:3054520	SSF x Far_LoA	-6,915	-0,085	0,298
CHR7	3054670	CHR7:3054670	SSF x Far_LoA	-6,755	-0,140	0,291
CHR7	3061201	CHR7:3061201	SSF x Far_LoA	-6,287	0,025	0,305
CHR7	3067201	CHR7:3067201	SSF x Far_LoA	-5,264	-0,173	0,277
CHR7	3067207	CHR7:3067207	SSF x Far_LoA	-8,528	-0,167	0,284
CHR7	3067221	CHR7:3067221	SSF x Far_LoA	-8,562	0,166	0,277
CHR7	3067227	CHR7:3067227	SSF x Far_LoA	-8,669	-0,010	0,291
CHR7	3074509	CHR7:3074509	SSF x Far_LoA	-9,555	-0,041	0,281
CHR7	3074512	CHR7:3074512	SSF x Far_LoA	-8,673	-0,062	0,297
CHR7	3074521	CHR7:3074521	SSF x Far_LoA	-10,914	-0,014	0,282
CHR7	3074523	CHR7:3074523	SSF x Far_LoA	-8,113	-0,050	0,305
CHR7	3074545	CHR7:3074545	SSF x Far_LoA	-8,871	-0,035	0,292
CHR7	3074551	CHR7:3074551	SSF x Far_LoA	-10,010	-0,029	0,293
CHR7	3074574	CHR7:3074574	SSF x Far_LoA	-10,490	-0,035	0,290
CHR7	3074595	CHR7:3074595	SSF x Far_LoA	-9,090	-0,056	0,286
CHR7	3074600	CHR7:3074600	SSF x Far_LoA	-12,051	-0,060	0,281
CHR7	3074620	CHR7:3074620	SSF x Far_LoA	-10,187	-0,024	0,297
CHR7	3074673	CHR7:3074673	SSF x Far_LoA	-11,758	0,022	0,299
CHR7	3074753	CHR7:3074753	SSF x Far_LoA	-10,264	-0,046	0,284
CHR7	3074782	CHR7:3074782	SSF x Far_LoA	-8,741	-0,059	0,304
CHR7	3074795	CHR7:3074795	SSF x Far_LoA	-5,570	-0,070	0,302
CHR7	3074825	CHR7:3074825	SSF x Far_LoA	-6,837	-0,060	0,306
CHR7	3074867	CHR7:3074867	SSF x Far_LoA	-11,186	-0,054	0,289
CHR7	3081167	CHR7:3081167	SSF x Far_LoA	-10,803	-0,004	0,284
CHR7	3105263	CHR7:3105263	SSF x Far_LoA	-9,458	-0,083	0,284
CHR7	3105277	CHR7:3105277	SSF x Far_LoA	-9,978	-0,075	0,281
CHR7	3105279	CHR7:3105279	SSF x Far_LoA	-9,960	0,036	0,288
CHR7	3105331	CHR7:3105331	SSF x Far_LoA	-9,347	-0,015	0,295
CHR7	3105335	CHR7:3105335	SSF x Far_LoA	-11,070	-0,091	0,274
CHR7	3147859	CHR7:3147859	SSF x Far_LoA	-6,821	0,137	0,295
CHR7	3148687	CHR7:3148687	SSF x Far_LoA	-10,528	0,041	0,277
CHR7	3148692	CHR7:3148692	SSF x Far_LoA	-9,215	0,041	0,285
CHR7	3154725	CHR7:3154725	SSF x Far_LoA	-7,887	-0,100	0,284
CHR7	3154828	CHR7:3154828	SSF x Far_LoA	-11,250	0,065	0,275
CHR7	3162252	CHR7:3162252	SSF x Far_LoA	-9,540	0,137	0,294
CHR7	3180157	CHR7:3180157	SSF x Far_LoA	-9,719	0,060	0,283
CHR7	3180171	CHR7:3180171	SSF x Far_LoA	-7,858	0,121	0,285

CHR7	3180378	CHR7:3180378	SSF x Far_LoA	-4,317	-0,113	0,284
CHR7	3180429	CHR7:3180429	SSF x Far_LoA	-0,427	-0,235	0,277
CHR7	3180482	CHR7:3180482	SSF x Far_LoA	-8,173	0,088	0,285
CHR7	3199864	CHR7:3199864	SSF x Far_LoA	-9,113	0,050	0,307
CHR7	3199933	CHR7:3199933	SSF x Far_LoA	-10,356	0,044	0,301
CHR7	3209732	CHR7:3209732	SSF x Far_LoA	-11,850	0,048	0,290
CHR7	3236386	CHR7:3236386	SSF x Far_LoA	-8,241	0,055	0,302
CHR7	3236419	CHR7:3236419	SSF x Far_LoA	-7,615	0,041	0,301
CHR7	3267683	CHR7:3267683	SSF x Far_LoA	-9,456	-0,027	0,297
CHR7	3287179	CHR7:3287179	SSF x Far_LoA	-9,823	0,006	0,285
CHR7	3300600	CHR7:3300600	SSF x Far_LoA	-8,867	0,022	0,297
CHR7	3317069	CHR7:3317069	SSF x Far_LoA	-9,524	0,036	0,278
CHR7	3317082	CHR7:3317082	SSF x Far_LoA	-9,661	0,112	0,292
CHR7	3317085	CHR7:3317085	SSF x Far_LoA	-8,132	0,101	0,303
CHR7	3378529	CHR7:3378529	SSF x Far_LoA	-6,163	0,003	0,271
CHR7	3397917	CHR7:3397917	SSF x Far_LoA	-10,807	0,089	0,286
CHR7	3398091	CHR7:3398091	SSF x Far_LoA	-6,623	-0,145	0,291
CHR7	341430	CHR7:341430	SSF x Far_LoA	-8,978	0,040	0,300
CHR7	3433284	CHR7:3433284	SSF x Far_LoA	-7,562	-0,109	0,271
CHR7	3469567	CHR7:3469567	SSF x Far_LoA	-9,536	-0,048	0,283
CHR7	3522401	CHR7:3522401	SSF x Far_LoA	-11,699	0,005	0,289
CHR7	3522405	CHR7:3522405	SSF x Far_LoA	-9,306	-0,024	0,291
CHR7	3522411	CHR7:3522411	SSF x Far_LoA	-9,036	-0,052	0,286
CHR7	3522416	CHR7:3522416	SSF x Far_LoA	-9,597	0,005	0,287
CHR7	3522442	CHR7:3522442	SSF x Far_LoA	-9,051	-0,048	0,277
CHR7	3522450	CHR7:3522450	SSF x Far_LoA	-9,228	-0,058	0,286
CHR7	3522456	CHR7:3522456	SSF x Far_LoA	-9,359	-0,055	0,279
CHR7	3522479	CHR7:3522479	SSF x Far_LoA	-8,915	-0,058	0,284
CHR7	3526218	CHR7:3526218	SSF x Far_LoA	-9,344	0,028	0,288
CHR7	3526226	CHR7:3526226	SSF x Far_LoA	-8,402	0,088	0,300
CHR7	3529230	CHR7:3529230	SSF x Far_LoA	-8,159	0,045	0,302
CHR7	3532929	CHR7:3532929	SSF x Far_LoA	-9,003	0,042	0,295
CHR7	3533113	CHR7:3533113	SSF x Far_LoA	-9,885	0,000	0,286
CHR7	3534170	CHR7:3534170	SSF x Far_LoA	-9,921	0,018	0,284
CHR7	3559161	CHR7:3559161	SSF x Far_LoA	-8,594	-0,022	0,299
CHR7	3580526	CHR7:3580526	SSF x Far_LoA	-4,758	-0,078	0,292
CHR7	3588156	CHR7:3588156	SSF x Far_LoA	-6,804	-0,103	0,296
CHR7	3642935	CHR7:3642935	SSF x Far_LoA	-4,998	-0,046	0,290
CHR7	3643086	CHR7:3643086	SSF x Far_LoA	-9,837	0,052	0,287
CHR7	3644966	CHR7:3644966	SSF x Far_LoA	-8,703	0,123	0,296
CHR7	3646302	CHR7:3646302	SSF x Far_LoA	-7,168	0,140	0,275
CHR7	3648276	CHR7:3648276	SSF x Far_LoA	-4,030	0,171	0,279
CHR7	3648353	CHR7:3648353	SSF x Far_LoA	-7,651	0,160	0,290
CHR7	3648398	CHR7:3648398	SSF x Far_LoA	-10,013	-0,027	0,288
CHR7	3671268	CHR7:3671268	SSF x Far_LoA	-7,050	0,137	0,287
CHR7	3678725	CHR7:3678725	SSF x Far_LoA	-8,815	-0,024	0,291
CHR7	3678915	CHR7:3678915	SSF x Far_LoA	-11,246	0,014	0,294
CHR7	3685172	CHR7:3685172	SSF x Far_LoA	-8,804	0,074	0,285
CHR7	3685353	CHR7:3685353	SSF x Far_LoA	-8,356	-0,051	0,278
CHR7	3691903	CHR7:3691903	SSF x Far_LoA	2,843	-0,011	0,297
CHR7	3691906	CHR7:3691906	SSF x Far_LoA	-5,546	-0,103	0,285
CHR7	3691980	CHR7:3691980	SSF x Far_LoA	-9,617	0,004	0,289
CHR7	3692160	CHR7:3692160	SSF x Far_LoA	-7,108	-0,147	0,283

CHR7	3692163	CHR7:3692163	SSF x Far_LoA	11,083	-0,157	0,292
CHR7	3697124	CHR7:3697124	SSF x Far_LoA	-11,526	0,054	0,285
CHR7	3697127	CHR7:3697127	SSF x Far_LoA	-10,387	0,025	0,279
CHR7	3697421	CHR7:3697421	SSF x Far_LoA	-10,616	0,037	0,289
CHR7	3727601	CHR7:3727601	SSF x Far_LoA	-8,893	0,015	0,292
CHR7	3739586	CHR7:3739586	SSF x Far_LoA	-9,482	0,045	0,273
CHR7	3739601	CHR7:3739601	SSF x Far_LoA	-9,734	-0,031	0,295
CHR7	3739769	CHR7:3739769	SSF x Far_LoA	-6,790	0,123	0,294
CHR7	3772304	CHR7:3772304	SSF x Far_LoA	-8,454	-0,067	0,282
CHR7	383756	CHR7:383756	SSF x Far_LoA	-11,054	-0,048	0,283
CHR7	383918	CHR7:383918	SSF x Far_LoA	-11,354	-0,006	0,286
CHR7	383943	CHR7:383943	SSF x Far_LoA	-6,327	-0,140	0,281
CHR7	383997	CHR7:383997	SSF x Far_LoA	-5,498	0,234	0,291
CHR7	384172	CHR7:384172	SSF x Far_LoA	-3,481	-0,206	0,285
CHR7	384232	CHR7:384232	SSF x Far_LoA	-8,103	0,033	0,301
CHR7	3846513	CHR7:3846513	SSF x Far_LoA	-10,846	0,015	0,299
CHR7	3870239	CHR7:3870239	SSF x Far_LoA	-11,129	-0,045	0,293
CHR7	3870294	CHR7:3870294	SSF x Far_LoA	-9,563	-0,016	0,284
CHR7	3901485	CHR7:3901485	SSF x Far_LoA	-8,178	0,007	0,286
CHR7	3901495	CHR7:3901495	SSF x Far_LoA	-8,790	0,036	0,284
CHR7	3907252	CHR7:3907252	SSF x Far_LoA	-9,013	-0,054	0,300
CHR7	3907319	CHR7:3907319	SSF x Far_LoA	-10,720	0,052	0,290
CHR7	3931053	CHR7:3931053	SSF x Far_LoA	-10,444	-0,017	0,295
CHR7	3931286	CHR7:3931286	SSF x Far_LoA	-7,618	-0,109	0,294
CHR7	3931336	CHR7:3931336	SSF x Far_LoA	-8,947	-0,058	0,281
CHR7	3931338	CHR7:3931338	SSF x Far_LoA	-8,752	-0,072	0,284
CHR7	3931476	CHR7:3931476	SSF x Far_LoA	-10,163	0,086	0,284
CHR7	3931480	CHR7:3931480	SSF x Far_LoA	-9,429	-0,007	0,288
CHR7	3939137	CHR7:3939137	SSF x Far_LoA	-11,207	-0,053	0,293
CHR7	3939147	CHR7:3939147	SSF x Far_LoA	-9,785	0,020	0,293
CHR7	3939276	CHR7:3939276	SSF x Far_LoA	-7,089	-0,125	0,301
CHR7	3939403	CHR7:3939403	SSF x Far_LoA	-9,693	-0,037	0,294
CHR7	3949923	CHR7:3949923	SSF x Far_LoA	-11,225	-0,071	0,294
CHR7	3949951	CHR7:3949951	SSF x Far_LoA	-7,883	0,151	0,292
CHR7	3949992	CHR7:3949992	SSF x Far_LoA	-3,024	0,151	0,275
CHR7	3950006	CHR7:3950006	SSF x Far_LoA	-10,267	-0,022	0,300
CHR7	3950052	CHR7:3950052	SSF x Far_LoA	-11,279	0,038	0,297
CHR7	3953733	CHR7:3953733	SSF x Far_LoA	-9,782	-0,103	0,282
CHR7	3977219	CHR7:3977219	SSF x Far_LoA	-8,219	-0,123	0,285
CHR7	3977230	CHR7:3977230	SSF x Far_LoA	-6,542	-0,080	0,290
CHR7	3977396	CHR7:3977396	SSF x Far_LoA	-8,853	-0,016	0,282
CHR7	3977418	CHR7:3977418	SSF x Far_LoA	-8,154	-0,020	0,283
CHR7	3980717	CHR7:3980717	SSF x Far_LoA	-6,391	0,157	0,295
CHR7	3980747	CHR7:3980747	SSF x Far_LoA	-5,517	-0,127	0,291
CHR7	3980792	CHR7:3980792	SSF x Far_LoA	-9,919	-0,063	0,287
CHR7	4049730	CHR7:4049730	SSF x Far_LoA	-0,955	0,087	0,288
CHR7	4049879	CHR7:4049879	SSF x Far_LoA	-8,199	-0,021	0,290
CHR7	4049942	CHR7:4049942	SSF x Far_LoA	-10,093	0,162	0,290
CHR7	4050118	CHR7:4050118	SSF x Far_LoA	-8,539	-0,064	0,287
CHR7	4050122	CHR7:4050122	SSF x Far_LoA	-6,918	-0,074	0,282
CHR7	4050157	CHR7:4050157	SSF x Far_LoA	-9,925	0,070	0,289
CHR7	4060583	CHR7:4060583	SSF x Far_LoA	-9,854	0,026	0,291
CHR7	4062216	CHR7:4062216	SSF x Far_LoA	-9,510	-0,065	0,287

CHR7	406823	CHR7:406823	SSF x Far_LoA	-7,739	-0,064	0,287
CHR7	406876	CHR7:406876	SSF x Far_LoA	-8,616	-0,038	0,297
CHR7	4079150	CHR7:4079150	SSF x Far_LoA	-11,422	0,045	0,282
CHR7	4082476	CHR7:4082476	SSF x Far_LoA	-2,960	-0,105	0,287
CHR7	4094999	CHR7:4094999	SSF x Far_LoA	-7,900	-0,043	0,303
CHR7	4095063	CHR7:4095063	SSF x Far_LoA	-9,301	0,037	0,291
CHR7	4095145	CHR7:4095145	SSF x Far_LoA	-8,242	-0,093	0,299
CHR7	4095175	CHR7:4095175	SSF x Far_LoA	-9,707	0,055	0,282
CHR7	4095179	CHR7:4095179	SSF x Far_LoA	-8,762	0,157	0,298
CHR7	4096807	CHR7:4096807	SSF x Far_LoA	-5,454	-0,156	0,288
CHR7	4096930	CHR7:4096930	SSF x Far_LoA	-12,013	-0,018	0,280
CHR7	4096987	CHR7:4096987	SSF x Far_LoA	-6,926	0,085	0,302
CHR7	4097012	CHR7:4097012	SSF x Far_LoA	-9,807	-0,059	0,300
CHR7	4097015	CHR7:4097015	SSF x Far_LoA	-10,506	-0,035	0,279
CHR7	4116708	CHR7:4116708	SSF x Far_LoA	-8,004	0,126	0,289
CHR7	4116837	CHR7:4116837	SSF x Far_LoA	-10,130	-0,024	0,280
CHR7	4116929	CHR7:4116929	SSF x Far_LoA	-10,920	0,048	0,294
CHR7	4129757	CHR7:4129757	SSF x Far_LoA	-5,137	0,019	0,299
CHR7	4129939	CHR7:4129939	SSF x Far_LoA	-7,913	0,068	0,293
CHR7	4135751	CHR7:4135751	SSF x Far_LoA	-6,431	-0,188	0,280
CHR7	4135966	CHR7:4135966	SSF x Far_LoA	-9,259	-0,137	0,289
CHR7	4153695	CHR7:4153695	SSF x Far_LoA	-8,935	0,037	0,293
CHR7	4153819	CHR7:4153819	SSF x Far_LoA	-10,784	0,009	0,287
CHR7	4153982	CHR7:4153982	SSF x Far_LoA	-9,840	-0,122	0,296
CHR7	4154088	CHR7:4154088	SSF x Far_LoA	-4,483	-0,077	0,297
CHR7	4154090	CHR7:4154090	SSF x Far_LoA	-9,175	0,165	0,286
CHR7	4155446	CHR7:4155446	SSF x Far_LoA	-10,943	0,074	0,297
CHR7	4160599	CHR7:4160599	SSF x Far_LoA	-9,536	0,044	0,280
CHR7	4160631	CHR7:4160631	SSF x Far_LoA	-10,852	-0,003	0,280
CHR7	4160675	CHR7:4160675	SSF x Far_LoA	-8,333	0,050	0,299
CHR7	4170062	CHR7:4170062	SSF x Far_LoA	-8,796	-0,072	0,287
CHR7	4170261	CHR7:4170261	SSF x Far_LoA	-7,895	-0,053	0,274
CHR7	4170307	CHR7:4170307	SSF x Far_LoA	-8,636	0,038	0,294
CHR7	4170326	CHR7:4170326	SSF x Far_LoA	-9,564	0,042	0,295
CHR7	4172004	CHR7:4172004	SSF x Far_LoA	-10,659	0,084	0,285
CHR7	4172010	CHR7:4172010	SSF x Far_LoA	-5,627	-0,200	0,261
CHR7	4172242	CHR7:4172242	SSF x Far_LoA	-9,904	0,001	0,297
CHR7	4180513	CHR7:4180513	SSF x Far_LoA	-11,376	-0,046	0,291
CHR7	4193214	CHR7:4193214	SSF x Far_LoA	-8,329	-0,014	0,293
CHR7	4199114	CHR7:4199114	SSF x Far_LoA	-6,990	-0,155	0,284
CHR7	4208275	CHR7:4208275	SSF x Far_LoA	-11,247	-0,052	0,302
CHR7	4217671	CHR7:4217671	SSF x Far_LoA	-12,749	-0,030	0,291
CHR7	4231719	CHR7:4231719	SSF x Far_LoA	-10,017	0,041	0,281
CHR7	4231776	CHR7:4231776	SSF x Far_LoA	-9,031	-0,012	0,293
CHR7	4277814	CHR7:4277814	SSF x Far_LoA	-9,287	-0,038	0,297
CHR7	4277816	CHR7:4277816	SSF x Far_LoA	-6,617	-0,039	0,295
CHR7	4346599	CHR7:4346599	SSF x Far_LoA	-8,793	-0,087	0,277
CHR7	4346641	CHR7:4346641	SSF x Far_LoA	-8,029	-0,068	0,293
CHR7	4346690	CHR7:4346690	SSF x Far_LoA	-8,864	-0,126	0,296
CHR7	4346705	CHR7:4346705	SSF x Far_LoA	-7,453	-0,102	0,287
CHR7	4346977	CHR7:4346977	SSF x Far_LoA	-10,951	-0,031	0,300
CHR7	4348773	CHR7:4348773	SSF x Far_LoA	-4,578	-0,147	0,281
CHR7	4348775	CHR7:4348775	SSF x Far_LoA	-3,691	-0,136	0,288

CHR7	4348829	CHR7:4348829	SSF x Far_LoA	-9,863	-0,017	0,289
CHR7	4348833	CHR7:4348833	SSF x Far_LoA	-9,829	-0,067	0,282
CHR7	4348881	CHR7:4348881	SSF x Far_LoA	-7,501	0,026	0,295
CHR7	4348951	CHR7:4348951	SSF x Far_LoA	-7,198	0,174	0,278
CHR7	437228	CHR7:437228	SSF x Far_LoA	-9,115	0,139	0,270
CHR7	4374793	CHR7:4374793	SSF x Far_LoA	-9,343	0,074	0,283
CHR7	4374896	CHR7:4374896	SSF x Far_LoA	-10,694	-0,035	0,302
CHR7	4374930	CHR7:4374930	SSF x Far_LoA	-9,013	-0,021	0,289
CHR7	4374941	CHR7:4374941	SSF x Far_LoA	-10,760	0,025	0,286
CHR7	4384649	CHR7:4384649	SSF x Far_LoA	-7,326	0,049	0,307
CHR7	4384684	CHR7:4384684	SSF x Far_LoA	-6,790	0,112	0,281
CHR7	4391297	CHR7:4391297	SSF x Far_LoA	-4,518	0,126	0,289
CHR7	4391309	CHR7:4391309	SSF x Far_LoA	-8,217	0,136	0,275
CHR7	4418878	CHR7:4418878	SSF x Far_LoA	-11,910	-0,041	0,281
CHR7	4418894	CHR7:4418894	SSF x Far_LoA	-8,944	-0,019	0,293
CHR7	4418910	CHR7:4418910	SSF x Far_LoA	-9,806	0,039	0,293
CHR7	4418928	CHR7:4418928	SSF x Far_LoA	-8,688	-0,106	0,291
CHR7	4418951	CHR7:4418951	SSF x Far_LoA	-7,588	0,116	0,287
CHR7	4418969	CHR7:4418969	SSF x Far_LoA	-10,829	-0,098	0,287
CHR7	4419024	CHR7:4419024	SSF x Far_LoA	-8,548	0,047	0,306
CHR7	4419072	CHR7:4419072	SSF x Far_LoA	-9,063	-0,026	0,292
CHR7	4451703	CHR7:4451703	SSF x Far_LoA	-7,653	0,174	0,273
CHR7	4454486	CHR7:4454486	SSF x Far_LoA	-12,166	0,067	0,286
CHR7	4454584	CHR7:4454584	SSF x Far_LoA	-0,682	-0,211	0,269
CHR7	4498789	CHR7:4498789	SSF x Far_LoA	-5,893	-0,154	0,287
CHR7	4504067	CHR7:4504067	SSF x Far_LoA	-6,973	0,138	0,289
CHR7	4515395	CHR7:4515395	SSF x Far_LoA	-12,162	-0,065	0,281
CHR7	4515468	CHR7:4515468	SSF x Far_LoA	-12,106	0,011	0,292
CHR7	4515485	CHR7:4515485	SSF x Far_LoA	-7,410	0,175	0,289
CHR7	4515621	CHR7:4515621	SSF x Far_LoA	-9,933	-0,110	0,290
CHR7	4812283	CHR7:4812283	SSF x Far_LoA	-9,709	-0,097	0,305
CHR7	60458	CHR7:60458	SSF x Far_LoA	-9,450	-0,070	0,293
CHR7	60704	CHR7:60704	SSF x Far_LoA	-7,344	-0,004	0,296
CHR7	64077	CHR7:64077	SSF x Far_LoA	-7,708	-0,001	0,271
CHR7	7149047	CHR7:7149047	SSF x Far_LoA	-11,977	-0,002	0,276
CHR7	7170430	CHR7:7170430	SSF x Far_LoA	-8,729	-0,073	0,291
CHR7	7171653	CHR7:7171653	SSF x Far_LoA	-8,794	0,137	0,288
CHR7	7172974	CHR7:7172974	SSF x Far_LoA	-9,246	-0,015	0,287
CHR7	7200704	CHR7:7200704	SSF x Far_LoA	-10,843	0,052	0,298
CHR7	7288729	CHR7:7288729	SSF x Far_LoA	-8,262	0,017	0,310
CHR7	7288819	CHR7:7288819	SSF x Far_LoA	-9,180	-0,095	0,295
CHR7	7288871	CHR7:7288871	SSF x Far_LoA	-5,900	0,085	0,297
CHR7	7307530	CHR7:7307530	SSF x Far_LoA	-6,186	0,081	0,297
CHR7	7328068	CHR7:7328068	SSF x Far_LoA	-7,420	0,055	0,279
CHR7	7418541	CHR7:7418541	SSF x Far_LoA	-6,617	0,222	0,286
CHR7	7426598	CHR7:7426598	SSF x Far_LoA	-7,419	0,184	0,300
CHR7	7467325	CHR7:7467325	SSF x Far_LoA	-9,016	-0,119	0,281
CHR7	7478527	CHR7:7478527	SSF x Far_LoA	-9,700	0,075	0,285
CHR7	7496360	CHR7:7496360	SSF x Far_LoA	-9,710	0,135	0,293
CHR7	7503380	CHR7:7503380	SSF x Far_LoA	-8,308	0,003	0,303
CHR7	7507783	CHR7:7507783	SSF x Far_LoA	-7,943	0,136	0,299
CHR7	7517411	CHR7:7517411	SSF x Far_LoA	-7,452	0,104	0,296
CHR7	7517424	CHR7:7517424	SSF x Far_LoA	-8,004	0,083	0,303

CHR7	7517435	CHR7:7517435	SSF x Far_LoA	-9,531	0,096	0,288
CHR7	7558656	CHR7:7558656	SSF x Far_LoA	-10,454	-0,040	0,289
CHR7	7659990	CHR7:7659990	SSF x Far_LoA	-11,362	0,096	0,279
CHR7	7663014	CHR7:7663014	SSF x Far_LoA	-4,054	0,234	0,279
CHR7	7663155	CHR7:7663155	SSF x Far_LoA	-11,337	0,072	0,291
CHR7	7823084	CHR7:7823084	SSF x Far_LoA	-4,687	0,175	0,290
CHR7	7828178	CHR7:7828178	SSF x Far_LoA	-3,501	0,140	0,287
CHR7	7828369	CHR7:7828369	SSF x Far_LoA	-7,971	0,071	0,289
CHR7	7837578	CHR7:7837578	SSF x Far_LoA	-8,856	-0,099	0,287
CHR7	7861317	CHR7:7861317	SSF x Far_LoA	-4,552	0,203	0,281
CHR7	7861336	CHR7:7861336	SSF x Far_LoA	-3,642	0,213	0,282
CHR7	7889733	CHR7:7889733	SSF x Far_LoA	-7,906	-0,121	0,279
CHR7	7910727	CHR7:7910727	SSF x Far_LoA	-7,280	0,068	0,287
CHR7	7928689	CHR7:7928689	SSF x Far_LoA	-11,729	-0,029	0,299
CHR7	7930875	CHR7:7930875	SSF x Far_LoA	-10,282	0,018	0,280
CHR7	7930969	CHR7:7930969	SSF x Far_LoA	-6,134	-0,100	0,283
CHR7	7958803	CHR7:7958803	SSF x Far_LoA	-8,542	-0,076	0,288
CHR7	7958819	CHR7:7958819	SSF x Far_LoA	-6,772	-0,029	0,286
CHR7	7964226	CHR7:7964226	SSF x Far_LoA	-11,048	-0,018	0,306
CHR7	7978758	CHR7:7978758	SSF x Far_LoA	-10,472	0,022	0,293
CHR7	7978886	CHR7:7978886	SSF x Far_LoA	-11,540	0,029	0,290
CHR7	7993297	CHR7:7993297	SSF x Far_LoA	-7,766	-0,110	0,280
CHR7	8008353	CHR7:8008353	SSF x Far_LoA	-9,572	-0,064	0,296
CHR7	8013208	CHR7:8013208	SSF x Far_LoA	-8,067	-0,047	0,294
CHR7	8013377	CHR7:8013377	SSF x Far_LoA	-6,691	0,184	0,279
CHR7	8020106	CHR7:8020106	SSF x Far_LoA	-8,004	-0,056	0,303
CHR7	8028157	CHR7:8028157	SSF x Far_LoA	-7,632	-0,044	0,284
CHR7	8028182	CHR7:8028182	SSF x Far_LoA	-9,643	0,009	0,285
CHR7	8047000	CHR7:8047000	SSF x Far_LoA	-5,427	0,088	0,294
CHR7	8047001	CHR7:8047001	SSF x Far_LoA	-10,362	0,000	0,287
CHR7	80528	CHR7:80528	SSF x Far_LoA	-9,387	0,071	0,285
CHR7	8057525	CHR7:8057525	SSF x Far_LoA	-8,474	0,053	0,289
CHR7	8069414	CHR7:8069414	SSF x Far_LoA	-8,853	0,030	0,272
CHR7	8287348	CHR7:8287348	SSF x Far_LoA	-9,834	-0,039	0,300
CHR7	8293840	CHR7:8293840	SSF x Far_LoA	-9,180	-0,064	0,293
CHR7	8293893	CHR7:8293893	SSF x Far_LoA	-7,129	-0,076	0,298
CHR7	8293988	CHR7:8293988	SSF x Far_LoA	-11,911	0,038	0,289
CHR7	8294199	CHR7:8294199	SSF x Far_LoA	-8,471	-0,136	0,283
CHR7	8306386	CHR7:8306386	SSF x Far_LoA	-2,093	0,070	0,293
CHR7	8306449	CHR7:8306449	SSF x Far_LoA	-9,726	-0,055	0,278
CHR7	8315094	CHR7:8315094	SSF x Far_LoA	-9,858	0,057	0,279
CHR7	8315234	CHR7:8315234	SSF x Far_LoA	-8,352	-0,071	0,287
CHR7	8315286	CHR7:8315286	SSF x Far_LoA	8,888	0,101	0,286
CHR7	8341176	CHR7:8341176	SSF x Far_LoA	-6,090	0,227	0,272
CHR7	8341254	CHR7:8341254	SSF x Far_LoA	-1,423	0,214	0,277
CHR7	8358676	CHR7:8358676	SSF x Far_LoA	-3,010	-0,128	0,281
CHR7	8358907	CHR7:8358907	SSF x Far_LoA	-6,983	-0,125	0,287
CHR7	8409081	CHR7:8409081	SSF x Far_LoA	-8,782	0,129	0,264
CHR7	8409087	CHR7:8409087	SSF x Far_LoA	-7,609	0,131	0,272
CHR7	8419460	CHR7:8419460	SSF x Far_LoA	1,872	0,036	0,302
CHR7	8426880	CHR7:8426880	SSF x Far_LoA	-9,357	-0,084	0,271
CHR7	8426967	CHR7:8426967	SSF x Far_LoA	-7,851	-0,082	0,279
CHR7	8438897	CHR7:8438897	SSF x Far_LoA	-10,645	0,077	0,263

CHR7	8438999	CHR7:8438999	SSF x Far_LoA	-9,801	-0,042	0,283
CHR7	8439141	CHR7:8439141	SSF x Far_LoA	-10,331	-0,029	0,281
CHR7	8449170	CHR7:8449170	SSF x Far_LoA	-10,739	0,100	0,297
CHR7	8476967	CHR7:8476967	SSF x Far_LoA	-9,180	0,031	0,305
CHR7	8477053	CHR7:8477053	SSF x Far_LoA	-8,106	0,035	0,304
CHR7	8497234	CHR7:8497234	SSF x Far_LoA	-9,545	0,034	0,299
CHR7	8497280	CHR7:8497280	SSF x Far_LoA	-11,162	0,060	0,284
CHR7	8497377	CHR7:8497377	SSF x Far_LoA	-6,578	0,113	0,282
CHR7	8518798	CHR7:8518798	SSF x Far_LoA	-10,259	0,001	0,293
CHR7	8533015	CHR7:8533015	SSF x Far_LoA	-9,357	-0,082	0,287
CHR7	8533093	CHR7:8533093	SSF x Far_LoA	-8,690	-0,050	0,298
CHR7	8536977	CHR7:8536977	SSF x Far_LoA	-9,498	-0,133	0,283
CHR7	8537089	CHR7:8537089	SSF x Far_LoA	-7,678	-0,128	0,290
CHR7	8547698	CHR7:8547698	SSF x Far_LoA	-7,372	0,118	0,294
CHR7	8548630	CHR7:8548630	SSF x Far_LoA	-9,493	0,115	0,294
CHR7	8560062	CHR7:8560062	SSF x Far_LoA	-11,339	-0,013	0,284
CHR7	8566441	CHR7:8566441	SSF x Far_LoA	-11,346	0,028	0,294
CHR7	8566518	CHR7:8566518	SSF x Far_LoA	-10,978	0,004	0,280
CHR7	8591112	CHR7:8591112	SSF x Far_LoA	-10,419	0,114	0,286
CHR7	8591289	CHR7:8591289	SSF x Far_LoA	-9,609	-0,033	0,294
CHR7	8591300	CHR7:8591300	SSF x Far_LoA	-10,036	-0,019	0,284
CHR7	8594613	CHR7:8594613	SSF x Far_LoA	-10,557	0,030	0,294
CHR7	8600815	CHR7:8600815	SSF x Far_LoA	1,547	-0,140	0,282
CHR7	8607952	CHR7:8607952	SSF x Far_LoA	-8,561	0,035	0,292
CHR7	8616394	CHR7:8616394	SSF x Far_LoA	-6,716	-0,182	0,288
CHR7	8616408	CHR7:8616408	SSF x Far_LoA	-7,274	-0,086	0,294
CHR7	8616429	CHR7:8616429	SSF x Far_LoA	-9,119	0,092	0,283
CHR7	8616577	CHR7:8616577	SSF x Far_LoA	-7,271	0,109	0,284
CHR7	8626379	CHR7:8626379	SSF x Far_LoA	-10,583	-0,043	0,282
CHR7	8633019	CHR7:8633019	SSF x Far_LoA	-10,155	0,010	0,297
CHR7	8652188	CHR7:8652188	SSF x Far_LoA	-8,580	0,113	0,286
CHR7	8661407	CHR7:8661407	SSF x Far_LoA	2,113	0,048	0,300
CHR7	8661602	CHR7:8661602	SSF x Far_LoA	-9,015	0,025	0,294
CHR7	8661656	CHR7:8661656	SSF x Far_LoA	-8,825	-0,094	0,295
CHR7	8714239	CHR7:8714239	SSF x Far_LoA	-9,879	-0,047	0,281
CHR7	8720953	CHR7:8720953	SSF x Far_LoA	-9,608	0,067	0,284
CHR7	8748014	CHR7:8748014	SSF x Far_LoA	-10,961	-0,002	0,305
CHR7	8764474	CHR7:8764474	SSF x Far_LoA	-7,172	-0,112	0,287
CHR7	8766421	CHR7:8766421	SSF x Far_LoA	-10,103	0,118	0,293
CHR7	8883143	CHR7:8883143	SSF x Far_LoA	-8,962	0,025	0,309
CHR7	8891864	CHR7:8891864	SSF x Far_LoA	-8,263	0,068	0,282
CHR7	8916563	CHR7:8916563	SSF x Far_LoA	-6,956	0,061	0,278
CHR7	8921063	CHR7:8921063	SSF x Far_LoA	-4,340	0,139	0,273
CHR7	8931109	CHR7:8931109	SSF x Far_LoA	-9,776	0,042	0,291
CHR7	8946237	CHR7:8946237	SSF x Far_LoA	-11,253	0,059	0,286
CHR7	8951427	CHR7:8951427	SSF x Far_LoA	-7,562	-0,032	0,304
CHR7	8967969	CHR7:8967969	SSF x Far_LoA	-9,739	-0,041	0,276
CHR7	8967980	CHR7:8967980	SSF x Far_LoA	-10,738	-0,041	0,293
CHR7	8985099	CHR7:8985099	SSF x Far_LoA	-10,068	-0,086	0,286
CHR7	8985252	CHR7:8985252	SSF x Far_LoA	-8,832	-0,169	0,279
CHR7	8993685	CHR7:8993685	SSF x Far_LoA	-10,126	-0,086	0,297
CHR7	8993808	CHR7:8993808	SSF x Far_LoA	-7,531	-0,024	0,303
CHR7	9004848	CHR7:9004848	SSF x Far_LoA	-8,095	0,104	0,308

CHR7	9004974	CHR7:9004974	SSF x Far_LoA	-10,205	-0,056	0,303
CHR7	9040983	CHR7:9040983	SSF x Far_LoA	-10,536	-0,011	0,297
CHR7	9082734	CHR7:9082734	SSF x Far_LoA	-9,189	-0,014	0,308
CHR7	9082738	CHR7:9082738	SSF x Far_LoA	-8,014	0,097	0,276
CHR7	9084736	CHR7:9084736	SSF x Far_LoA	-11,183	-0,002	0,284
CHR7	9085771	CHR7:9085771	SSF x Far_LoA	-9,356	-0,016	0,307
CHR7	9092987	CHR7:9092987	SSF x Far_LoA	-10,827	-0,023	0,289
CHR7	9136753	CHR7:9136753	SSF x Far_LoA	-7,454	0,062	0,284
CHR7	9143284	CHR7:9143284	SSF x Far_LoA	-2,272	0,110	0,295
CHR7	9177979	CHR7:9177979	SSF x Far_LoA	-8,646	0,011	0,289
CHR7	9177999	CHR7:9177999	SSF x Far_LoA	-11,411	-0,076	0,277
CHR7	9178160	CHR7:9178160	SSF x Far_LoA	-5,516	0,176	0,281
CHR7	9192147	CHR7:9192147	SSF x Far_LoA	-9,564	-0,039	0,287
CHR7	9201308	CHR7:9201308	SSF x Far_LoA	-7,466	-0,127	0,293
CHR7	9211241	CHR7:9211241	SSF x Far_LoA	-6,325	0,146	0,283
CHR7	9211242	CHR7:9211242	SSF x Far_LoA	-7,249	-0,075	0,292
CHR7	9261586	CHR7:9261586	SSF x Far_LoA	1,322	-0,016	0,309
CHR7	9276234	CHR7:9276234	SSF x Far_LoA	-9,612	0,004	0,305
CHR7	9276241	CHR7:9276241	SSF x Far_LoA	-8,741	0,019	0,294
CHR7	9297511	CHR7:9297511	SSF x Far_LoA	-8,508	-0,028	0,306
CHR7	9297533	CHR7:9297533	SSF x Far_LoA	-9,555	0,001	0,279
CHR7	9320775	CHR7:9320775	SSF x Far_LoA	-10,733	-0,087	0,283
CHR7	9355651	CHR7:9355651	SSF x Far_LoA	-8,810	-0,066	0,275
CHR7	9355658	CHR7:9355658	SSF x Far_LoA	-8,967	-0,072	0,277
CHR7	9357511	CHR7:9357511	SSF x Far_LoA	-10,273	-0,021	0,284
CHR7	9357571	CHR7:9357571	SSF x Far_LoA	-9,630	-0,076	0,280
CHR7	9362651	CHR7:9362651	SSF x Far_LoA	-9,747	0,063	0,284
CHR7	9362697	CHR7:9362697	SSF x Far_LoA	-11,317	0,106	0,279
CHR7	9383977	CHR7:9383977	SSF x Far_LoA	-10,472	-0,009	0,301
CHR7	9401298	CHR7:9401298	SSF x Far_LoA	-12,308	0,058	0,292
CHR7	9403361	CHR7:9403361	SSF x Far_LoA	-6,762	0,044	0,291
CHR7	9403383	CHR7:9403383	SSF x Far_LoA	-9,321	0,049	0,295
CHR7	9410983	CHR7:9410983	SSF x Far_LoA	-6,624	0,084	0,287
CHR7	9418250	CHR7:9418250	SSF x Far_LoA	-10,697	-0,023	0,284
CHR7	9442107	CHR7:9442107	SSF x Far_LoA	-9,798	0,043	0,301
CHR7	9442175	CHR7:9442175	SSF x Far_LoA	-8,892	-0,092	0,285
CHR7	9442281	CHR7:9442281	SSF x Far_LoA	-11,000	0,067	0,283
CHR7	9442285	CHR7:9442285	SSF x Far_LoA	-9,604	-0,064	0,306
CHR7	9451794	CHR7:9451794	SSF x Far_LoA	-11,809	-0,011	0,283
CHR7	9451872	CHR7:9451872	SSF x Far_LoA	-7,089	0,188	0,272
CHR7	9468837	CHR7:9468837	SSF x Far_LoA	-5,329	0,099	0,298
CHR7	9480762	CHR7:9480762	SSF x Far_LoA	-10,719	0,062	0,292
CHR7	9480840	CHR7:9480840	SSF x Far_LoA	-7,621	0,066	0,290
CHR7	9485983	CHR7:9485983	SSF x Far_LoA	2,363	0,018	0,297
CHR7	9486027	CHR7:9486027	SSF x Far_LoA	-10,612	-0,014	0,297
CHR7	9486035	CHR7:9486035	SSF x Far_LoA	-10,590	0,061	0,288
CHR7	9488411	CHR7:9488411	SSF x Far_LoA	-3,269	0,141	0,291
CHR7	9563692	CHR7:9563692	SSF x Far_LoA	-10,796	-0,031	0,285
CHR7	9653849	CHR7:9653849	SSF x Far_LoA	-8,091	-0,103	0,292
CHR7	9653883	CHR7:9653883	SSF x Far_LoA	-10,263	-0,117	0,297
CHR7	9653944	CHR7:9653944	SSF x Far_LoA	-10,151	-0,062	0,289
CHR7	9653945	CHR7:9653945	SSF x Far_LoA	-11,273	-0,031	0,280
CHR7	9653995	CHR7:9653995	SSF x Far_LoA	-7,002	-0,094	0,287

CHR7	9654117	CHR7:9654117	SSF x Far_LoA	-9,549	-0,026	0,292
CHR7	9654139	CHR7:9654139	SSF x Far_LoA	-9,809	-0,143	0,300
CHR7	9720891	CHR7:9720891	SSF x Far_LoA	-9,918	-0,064	0,293
CHR7	9721086	CHR7:9721086	SSF x Far_LoA	-7,799	0,132	0,292
CHR7	9743470	CHR7:9743470	SSF x Far_LoA	-10,468	-0,174	0,266
CHR7	9747299	CHR7:9747299	SSF x Far_LoA	-9,307	0,006	0,282
CHR7	98456	CHR7:98456	SSF x Far_LoA	-9,719	-0,141	0,274
CHR7	98474	CHR7:98474	SSF x Far_LoA	-9,651	-0,069	0,285
CHR7	98522	CHR7:98522	SSF x Far_LoA	-11,013	-0,074	0,298
CHR8	1E+07	CHR8:10040923	SSF x Far_LoA	-10,860	0,084	0,274
CHR8	1E+07	CHR8:10072364	SSF x Far_LoA	-9,041	0,104	0,285
CHR8	1E+07	CHR8:10089297	SSF x Far_LoA	-11,641	-0,018	0,291
CHR8	1E+07	CHR8:10089426	SSF x Far_LoA	-9,406	0,069	0,300
CHR8	1E+07	CHR8:10091415	SSF x Far_LoA	-6,342	-0,032	0,280
CHR8	1E+07	CHR8:10094068	SSF x Far_LoA	-10,765	0,123	0,279
CHR8	1E+07	CHR8:10094104	SSF x Far_LoA	-9,827	-0,047	0,298
CHR8	1E+07	CHR8:10094179	SSF x Far_LoA	-9,125	0,025	0,298
CHR8	1E+07	CHR8:10116133	SSF x Far_LoA	-10,828	-0,016	0,291
CHR8	1E+07	CHR8:10116142	SSF x Far_LoA	-10,237	0,000	0,284
CHR8	1E+07	CHR8:10116490	SSF x Far_LoA	-7,483	-0,070	0,313
CHR8	1E+07	CHR8:10119633	SSF x Far_LoA	-7,440	0,127	0,280
CHR8	1E+07	CHR8:10119762	SSF x Far_LoA	-6,408	0,105	0,297
CHR8	1E+07	CHR8:10123386	SSF x Far_LoA	-9,768	0,005	0,311
CHR8	1E+07	CHR8:10123387	SSF x Far_LoA	-10,651	0,096	0,276
CHR8	1E+07	CHR8:10123504	SSF x Far_LoA	-9,804	-0,015	0,303
CHR8	1E+07	CHR8:10123564	SSF x Far_LoA	-7,953	-0,088	0,289
CHR8	1E+07	CHR8:10124975	SSF x Far_LoA	-10,549	-0,056	0,283
CHR8	1E+07	CHR8:10125052	SSF x Far_LoA	-6,927	-0,085	0,294
CHR8	1E+07	CHR8:10125105	SSF x Far_LoA	-10,737	0,019	0,291
CHR8	1013323	CHR8:1013323	SSF x Far_LoA	-9,524	-0,079	0,293
CHR8	1013344	CHR8:1013344	SSF x Far_LoA	-10,210	0,022	0,296
CHR8	1013601	CHR8:1013601	SSF x Far_LoA	-8,615	-0,068	0,302
CHR8	1013603	CHR8:1013603	SSF x Far_LoA	-8,006	0,033	0,291
CHR8	1013670	CHR8:1013670	SSF x Far_LoA	-10,805	-0,073	0,287
CHR8	1013690	CHR8:1013690	SSF x Far_LoA	-10,417	-0,083	0,295
CHR8	1E+07	CHR8:10143251	SSF x Far_LoA	-10,604	-0,067	0,286
CHR8	1E+07	CHR8:10143296	SSF x Far_LoA	-9,296	-0,110	0,302
CHR8	1E+07	CHR8:10160212	SSF x Far_LoA	-8,525	-0,131	0,287
CHR8	1E+07	CHR8:10162643	SSF x Far_LoA	-10,876	-0,024	0,288
CHR8	1E+07	CHR8:10162708	SSF x Far_LoA	-3,562	0,058	0,293
CHR8	1E+07	CHR8:10162844	SSF x Far_LoA	-10,196	0,011	0,288
CHR8	1E+07	CHR8:10165746	SSF x Far_LoA	-9,748	-0,087	0,275
CHR8	1E+07	CHR8:10165782	SSF x Far_LoA	-11,959	-0,042	0,275
CHR8	1E+07	CHR8:10165792	SSF x Far_LoA	-10,695	-0,057	0,294
CHR8	1E+07	CHR8:10194077	SSF x Far_LoA	-10,648	0,010	0,290
CHR8	1E+07	CHR8:10194280	SSF x Far_LoA	-9,588	0,017	0,283
CHR8	1E+07	CHR8:10194389	SSF x Far_LoA	-8,589	0,008	0,295
CHR8	1E+07	CHR8:10197980	SSF x Far_LoA	-10,806	0,045	0,274
CHR8	1E+07	CHR8:10198002	SSF x Far_LoA	-9,922	0,043	0,297
CHR8	1E+07	CHR8:10205589	SSF x Far_LoA	-10,322	0,027	0,290
CHR8	1E+07	CHR8:10205628	SSF x Far_LoA	-10,910	-0,058	0,293
CHR8	1E+07	CHR8:10234471	SSF x Far_LoA	-10,217	-0,008	0,291
CHR8	1E+07	CHR8:10234524	SSF x Far_LoA	-9,319	-0,139	0,289

CHR8	1E+07	CHR8:10234563	SSF x Far_LoA	-8,470	0,064	0,293
CHR8	1E+07	CHR8:10243131	SSF x Far_LoA	-10,998	-0,031	0,303
CHR8	1E+07	CHR8:10271209	SSF x Far_LoA	-9,079	0,051	0,300
CHR8	1E+07	CHR8:10271316	SSF x Far_LoA	-7,665	-0,090	0,288
CHR8	1E+07	CHR8:10274804	SSF x Far_LoA	-7,580	-0,002	0,298
CHR8	1E+07	CHR8:10274812	SSF x Far_LoA	-7,889	0,092	0,314
CHR8	1E+07	CHR8:10274823	SSF x Far_LoA	-8,164	-0,147	0,284
CHR8	1E+07	CHR8:10350134	SSF x Far_LoA	-10,228	-0,099	0,285
CHR8	1E+07	CHR8:10353499	SSF x Far_LoA	-8,430	-0,058	0,279
CHR8	1E+07	CHR8:10353510	SSF x Far_LoA	-11,571	-0,075	0,291
CHR8	1E+07	CHR8:10363640	SSF x Far_LoA	-8,843	0,052	0,295
CHR8	1E+07	CHR8:10364027	SSF x Far_LoA	-7,188	0,131	0,287
CHR8	1E+07	CHR8:10412035	SSF x Far_LoA	-11,989	0,017	0,300
CHR8	1E+07	CHR8:10412151	SSF x Far_LoA	-11,275	-0,019	0,299
CHR8	1041563	CHR8:1041563	SSF x Far_LoA	-11,621	0,041	0,282
CHR8	1041599	CHR8:1041599	SSF x Far_LoA	-11,264	0,003	0,286
CHR8	1E+07	CHR8:10439569	SSF x Far_LoA	-11,987	-0,003	0,282
CHR8	1E+07	CHR8:10439599	SSF x Far_LoA	-7,008	0,061	0,279
CHR8	1E+07	CHR8:10443548	SSF x Far_LoA	-9,590	0,034	0,296
CHR8	1E+07	CHR8:10443687	SSF x Far_LoA	-9,693	-0,068	0,271
CHR8	10501703	CHR8:10501703	SSF x Far_LoA	-11,478	0,011	0,298
CHR8	10521697	CHR8:10521697	SSF x Far_LoA	-9,856	0,021	0,298
CHR8	10527399	CHR8:10527399	SSF x Far_LoA	-9,026	0,085	0,289
CHR8	10527681	CHR8:10527681	SSF x Far_LoA	-11,831	-0,011	0,300
CHR8	10527696	CHR8:10527696	SSF x Far_LoA	-8,079	-0,098	0,299
CHR8	10534830	CHR8:10534830	SSF x Far_LoA	-8,894	-0,052	0,284
CHR8	10534835	CHR8:10534835	SSF x Far_LoA	-8,439	-0,014	0,290
CHR8	10544561	CHR8:10544561	SSF x Far_LoA	-10,856	-0,017	0,276
CHR8	10547201	CHR8:10547201	SSF x Far_LoA	-11,380	-0,037	0,290
CHR8	1055224	CHR8:1055224	SSF x Far_LoA	-8,718	0,001	0,292
CHR8	1055293	CHR8:1055293	SSF x Far_LoA	-8,885	0,063	0,291
CHR8	1055378	CHR8:1055378	SSF x Far_LoA	-10,349	-0,047	0,294
CHR8	10563100	CHR8:10563100	SSF x Far_LoA	-9,520	-0,091	0,295
CHR8	10563164	CHR8:10563164	SSF x Far_LoA	-10,729	0,002	0,288
CHR8	10563166	CHR8:10563166	SSF x Far_LoA	-9,027	0,023	0,279
CHR8	10566547	CHR8:10566547	SSF x Far_LoA	-5,069	-0,190	0,285
CHR8	10579390	CHR8:10579390	SSF x Far_LoA	-7,261	0,080	0,282
CHR8	10579471	CHR8:10579471	SSF x Far_LoA	-10,397	0,108	0,279
CHR8	10580166	CHR8:10580166	SSF x Far_LoA	-10,890	0,096	0,286
CHR8	10580342	CHR8:10580342	SSF x Far_LoA	-7,640	-0,098	0,291
CHR8	10581177	CHR8:10581177	SSF x Far_LoA	-6,618	0,020	0,291
CHR8	10581276	CHR8:10581276	SSF x Far_LoA	-8,751	0,074	0,271
CHR8	10581308	CHR8:10581308	SSF x Far_LoA	-9,041	-0,114	0,288
CHR8	10581313	CHR8:10581313	SSF x Far_LoA	-7,778	0,070	0,278
CHR8	10581388	CHR8:10581388	SSF x Far_LoA	-9,885	0,049	0,287
CHR8	10584565	CHR8:10584565	SSF x Far_LoA	-8,156	-0,022	0,313
CHR8	10584738	CHR8:10584738	SSF x Far_LoA	-8,635	-0,094	0,293
CHR8	10584820	CHR8:10584820	SSF x Far_LoA	-8,363	-0,059	0,288
CHR8	10589582	CHR8:10589582	SSF x Far_LoA	-11,326	-0,057	0,286
CHR8	10623439	CHR8:10623439	SSF x Far_LoA	-6,745	-0,126	0,295
CHR8	10638899	CHR8:10638899	SSF x Far_LoA	-3,899	0,093	0,277
CHR8	10638926	CHR8:10638926	SSF x Far_LoA	-10,282	0,069	0,293
CHR8	10650778	CHR8:10650778	SSF x Far_LoA	-6,627	0,113	0,298

CHR8	10653140	CHR8:10653140	SSF x Far_LoA	-11,246	-0,038	0,309
CHR8	10653146	CHR8:10653146	SSF x Far_LoA	-10,325	-0,083	0,292
CHR8	10653199	CHR8:10653199	SSF x Far_LoA	-9,647	-0,016	0,293
CHR8	10653270	CHR8:10653270	SSF x Far_LoA	-10,852	0,033	0,291
CHR8	1066313	CHR8:1066313	SSF x Far_LoA	-9,120	-0,012	0,294
CHR8	1066512	CHR8:1066512	SSF x Far_LoA	-10,076	0,046	0,302
CHR8	1066522	CHR8:1066522	SSF x Far_LoA	-10,959	0,038	0,287
CHR8	1066644	CHR8:1066644	SSF x Far_LoA	-10,602	0,005	0,296
CHR8	10682446	CHR8:10682446	SSF x Far_LoA	-10,577	0,099	0,288
CHR8	10682509	CHR8:10682509	SSF x Far_LoA	-8,950	0,102	0,274
CHR8	10700021	CHR8:10700021	SSF x Far_LoA	-7,368	0,055	0,297
CHR8	10704206	CHR8:10704206	SSF x Far_LoA	-11,707	-0,014	0,294
CHR8	10704209	CHR8:10704209	SSF x Far_LoA	-6,357	-0,012	0,283
CHR8	10704516	CHR8:10704516	SSF x Far_LoA	-5,829	-0,136	0,278
CHR8	10711045	CHR8:10711045	SSF x Far_LoA	-9,922	0,151	0,274
CHR8	10711060	CHR8:10711060	SSF x Far_LoA	-10,733	-0,048	0,295
CHR8	10719142	CHR8:10719142	SSF x Far_LoA	-11,011	-0,093	0,292
CHR8	10721844	CHR8:10721844	SSF x Far_LoA	-12,397	-0,011	0,277
CHR8	10728034	CHR8:10728034	SSF x Far_LoA	-8,281	-0,074	0,292
CHR8	10728058	CHR8:10728058	SSF x Far_LoA	-10,581	-0,075	0,278
CHR8	10728390	CHR8:10728390	SSF x Far_LoA	-9,644	-0,073	0,297
CHR8	1078057	CHR8:1078057	SSF x Far_LoA	-10,056	0,016	0,276
CHR8	1078218	CHR8:1078218	SSF x Far_LoA	-8,628	-0,084	0,293
CHR8	10785968	CHR8:10785968	SSF x Far_LoA	-5,618	-0,188	0,297
CHR8	10786095	CHR8:10786095	SSF x Far_LoA	4,330	-0,150	0,291
CHR8	10802962	CHR8:10802962	SSF x Far_LoA	-10,992	0,120	0,274
CHR8	10802963	CHR8:10802963	SSF x Far_LoA	-10,457	0,169	0,270
CHR8	10803089	CHR8:10803089	SSF x Far_LoA	-9,289	-0,045	0,294
CHR8	10809560	CHR8:10809560	SSF x Far_LoA	-10,785	-0,028	0,290
CHR8	10811509	CHR8:10811509	SSF x Far_LoA	-10,764	0,011	0,290
CHR8	10815144	CHR8:10815144	SSF x Far_LoA	-9,130	0,144	0,277
CHR8	10816263	CHR8:10816263	SSF x Far_LoA	-4,922	0,003	0,304
CHR8	10827161	CHR8:10827161	SSF x Far_LoA	-9,431	-0,110	0,274
CHR8	10893220	CHR8:10893220	SSF x Far_LoA	-7,100	0,057	0,290
CHR8	10908320	CHR8:10908320	SSF x Far_LoA	-9,141	-0,061	0,293
CHR8	10999114	CHR8:10999114	SSF x Far_LoA	-9,071	-0,093	0,294
CHR8	11016310	CHR8:11016310	SSF x Far_LoA	-11,792	-0,042	0,294
CHR8	11017300	CHR8:11017300	SSF x Far_LoA	-10,105	0,024	0,295
CHR8	11017418	CHR8:11017418	SSF x Far_LoA	-7,988	0,092	0,292
CHR8	11025620	CHR8:11025620	SSF x Far_LoA	-8,650	0,037	0,297
CHR8	11054816	CHR8:11054816	SSF x Far_LoA	-7,677	-0,148	0,287
CHR8	11054999	CHR8:11054999	SSF x Far_LoA	-4,472	-0,047	0,274
CHR8	11064612	CHR8:11064612	SSF x Far_LoA	-3,494	0,135	0,286
CHR8	11064687	CHR8:11064687	SSF x Far_LoA	-9,798	-0,020	0,285
CHR8	11098866	CHR8:11098866	SSF x Far_LoA	-5,480	-0,176	0,300
CHR8	11145029	CHR8:11145029	SSF x Far_LoA	-5,711	-0,179	0,280
CHR8	1129076	CHR8:1129076	SSF x Far_LoA	-7,880	-0,087	0,295
CHR8	1129078	CHR8:1129078	SSF x Far_LoA	-7,255	-0,082	0,297
CHR8	1129091	CHR8:1129091	SSF x Far_LoA	-10,059	-0,019	0,280
CHR8	1129290	CHR8:1129290	SSF x Far_LoA	-8,532	-0,099	0,293
CHR8	1129416	CHR8:1129416	SSF x Far_LoA	-6,658	-0,124	0,279
CHR8	1141279	CHR8:1141279	SSF x Far_LoA	-9,028	0,028	0,287
CHR8	1141354	CHR8:1141354	SSF x Far_LoA	-4,907	-0,189	0,272

CHR8	11497509	CHR8:11497509	SSF x Far_LoA	-11,858	0,055	0,288
CHR8	11505061	CHR8:11505061	SSF x Far_LoA	-7,025	-0,120	0,297
CHR8	11520450	CHR8:11520450	SSF x Far_LoA	-7,617	-0,154	0,287
CHR8	11528736	CHR8:11528736	SSF x Far_LoA	-8,302	0,107	0,299
CHR8	11541763	CHR8:11541763	SSF x Far_LoA	-8,625	-0,136	0,278
CHR8	11560841	CHR8:11560841	SSF x Far_LoA	-11,923	0,039	0,290
CHR8	11573177	CHR8:11573177	SSF x Far_LoA	-8,868	0,157	0,276
CHR8	11602818	CHR8:11602818	SSF x Far_LoA	-9,713	0,067	0,284
CHR8	1162419	CHR8:1162419	SSF x Far_LoA	-8,786	0,038	0,293
CHR8	1162483	CHR8:1162483	SSF x Far_LoA	-8,080	-0,097	0,284
CHR8	11653799	CHR8:11653799	SSF x Far_LoA	-8,750	0,019	0,300
CHR8	11656558	CHR8:11656558	SSF x Far_LoA	-9,101	0,013	0,288
CHR8	1178974	CHR8:1178974	SSF x Far_LoA	-4,802	0,070	0,277
CHR8	1179110	CHR8:1179110	SSF x Far_LoA	-9,352	-0,128	0,287
CHR8	1179111	CHR8:1179111	SSF x Far_LoA	-7,936	-0,158	0,281
CHR8	1179120	CHR8:1179120	SSF x Far_LoA	-10,276	-0,136	0,286
CHR8	1179121	CHR8:1179121	SSF x Far_LoA	-9,394	-0,127	0,299
CHR8	1179149	CHR8:1179149	SSF x Far_LoA	-8,381	-0,060	0,299
CHR8	1179194	CHR8:1179194	SSF x Far_LoA	-4,086	0,071	0,296
CHR8	1186513	CHR8:1186513	SSF x Far_LoA	-8,634	-0,099	0,276
CHR8	1186692	CHR8:1186692	SSF x Far_LoA	-11,503	0,028	0,287
CHR8	1186726	CHR8:1186726	SSF x Far_LoA	-9,223	0,002	0,291
CHR8	1224431	CHR8:1224431	SSF x Far_LoA	-10,867	0,012	0,286
CHR8	1224447	CHR8:1224447	SSF x Far_LoA	-5,388	0,130	0,292
CHR8	1237008	CHR8:1237008	SSF x Far_LoA	-5,734	0,067	0,294
CHR8	1257367	CHR8:1257367	SSF x Far_LoA	-6,083	0,090	0,295
CHR8	1257508	CHR8:1257508	SSF x Far_LoA	-9,226	-0,011	0,295
CHR8	1266552	CHR8:1266552	SSF x Far_LoA	-5,717	0,166	0,292
CHR8	1266949	CHR8:1266949	SSF x Far_LoA	-9,385	0,079	0,280
CHR8	1276366	CHR8:1276366	SSF x Far_LoA	-10,687	-0,036	0,279
CHR8	1277188	CHR8:1277188	SSF x Far_LoA	-9,499	0,128	0,290
CHR8	1288368	CHR8:1288368	SSF x Far_LoA	-5,526	-0,087	0,312
CHR8	1288581	CHR8:1288581	SSF x Far_LoA	-10,540	0,074	0,292
CHR8	1288626	CHR8:1288626	SSF x Far_LoA	-9,920	-0,091	0,296
CHR8	1288649	CHR8:1288649	SSF x Far_LoA	-8,512	-0,155	0,280
CHR8	1290086	CHR8:1290086	SSF x Far_LoA	-10,165	-0,059	0,279
CHR8	1290093	CHR8:1290093	SSF x Far_LoA	-7,566	0,091	0,307
CHR8	1290162	CHR8:1290162	SSF x Far_LoA	-11,369	0,051	0,288
CHR8	1290169	CHR8:1290169	SSF x Far_LoA	-9,518	0,094	0,283
CHR8	1290193	CHR8:1290193	SSF x Far_LoA	-10,619	0,094	0,297
CHR8	1290336	CHR8:1290336	SSF x Far_LoA	-11,982	-0,023	0,280
CHR8	1290380	CHR8:1290380	SSF x Far_LoA	-9,558	-0,011	0,286
CHR8	1290417	CHR8:1290417	SSF x Far_LoA	-8,462	0,002	0,288
CHR8	1312903	CHR8:1312903	SSF x Far_LoA	-9,789	-0,071	0,293
CHR8	1312985	CHR8:1312985	SSF x Far_LoA	-8,700	-0,030	0,299
CHR8	1312987	CHR8:1312987	SSF x Far_LoA	-9,287	0,026	0,299
CHR8	1312994	CHR8:1312994	SSF x Far_LoA	-9,449	0,009	0,297
CHR8	1313075	CHR8:1313075	SSF x Far_LoA	-9,249	-0,074	0,290
CHR8	1313126	CHR8:1313126	SSF x Far_LoA	-11,365	0,023	0,283
CHR8	1318053	CHR8:1318053	SSF x Far_LoA	-6,764	-0,132	0,299
CHR8	1322401	CHR8:1322401	SSF x Far_LoA	-9,841	0,074	0,292
CHR8	1322404	CHR8:1322404	SSF x Far_LoA	-10,678	0,064	0,307
CHR8	1322406	CHR8:1322406	SSF x Far_LoA	-8,756	0,102	0,304

CHR8	1322427	CHR8:1322427	SSF x Far_LoA	-7,323	0,094	0,300
CHR8	1322451	CHR8:1322451	SSF x Far_LoA	-10,009	0,059	0,303
CHR8	1322470	CHR8:1322470	SSF x Far_LoA	-12,029	-0,016	0,295
CHR8	1339719	CHR8:1339719	SSF x Far_LoA	-9,123	0,079	0,300
CHR8	1345955	CHR8:1345955	SSF x Far_LoA	-8,946	0,023	0,296
CHR8	1345987	CHR8:1345987	SSF x Far_LoA	-7,630	0,144	0,290
CHR8	1346024	CHR8:1346024	SSF x Far_LoA	-11,078	-0,021	0,299
CHR8	1346030	CHR8:1346030	SSF x Far_LoA	-2,796	-0,044	0,267
CHR8	1346070	CHR8:1346070	SSF x Far_LoA	-10,076	0,017	0,292
CHR8	1346117	CHR8:1346117	SSF x Far_LoA	-10,737	-0,090	0,291
CHR8	1346124	CHR8:1346124	SSF x Far_LoA	-9,536	-0,103	0,288
CHR8	1346166	CHR8:1346166	SSF x Far_LoA	-8,890	0,070	0,284
CHR8	1346190	CHR8:1346190	SSF x Far_LoA	-9,408	0,003	0,291
CHR8	1348767	CHR8:1348767	SSF x Far_LoA	-10,370	-0,047	0,304
CHR8	1348801	CHR8:1348801	SSF x Far_LoA	-11,446	-0,030	0,289
CHR8	1348894	CHR8:1348894	SSF x Far_LoA	-9,764	-0,009	0,281
CHR8	1358130	CHR8:1358130	SSF x Far_LoA	-9,325	-0,024	0,288
CHR8	1358194	CHR8:1358194	SSF x Far_LoA	-6,958	-0,163	0,288
CHR8	1358200	CHR8:1358200	SSF x Far_LoA	-8,574	0,137	0,271
CHR8	1358336	CHR8:1358336	SSF x Far_LoA	-8,043	0,032	0,290
CHR8	1358338	CHR8:1358338	SSF x Far_LoA	-7,782	0,036	0,296
CHR8	1358341	CHR8:1358341	SSF x Far_LoA	-11,961	-0,066	0,280
CHR8	1358397	CHR8:1358397	SSF x Far_LoA	-12,108	-0,048	0,286
CHR8	1358408	CHR8:1358408	SSF x Far_LoA	-9,687	0,026	0,293
CHR8	1381070	CHR8:1381070	SSF x Far_LoA	-6,543	-0,156	0,272
CHR8	1381096	CHR8:1381096	SSF x Far_LoA	-8,593	-0,082	0,293
CHR8	1381130	CHR8:1381130	SSF x Far_LoA	-9,134	-0,014	0,291
CHR8	1381266	CHR8:1381266	SSF x Far_LoA	-8,099	-0,061	0,294
CHR8	1387379	CHR8:1387379	SSF x Far_LoA	-5,129	0,102	0,284
CHR8	1399054	CHR8:1399054	SSF x Far_LoA	-11,310	0,035	0,296
CHR8	1399068	CHR8:1399068	SSF x Far_LoA	-9,340	0,058	0,296
CHR8	1416968	CHR8:1416968	SSF x Far_LoA	-8,966	-0,040	0,280
CHR8	1417016	CHR8:1417016	SSF x Far_LoA	-6,508	0,189	0,288
CHR8	1417135	CHR8:1417135	SSF x Far_LoA	-7,674	-0,121	0,281
CHR8	1418373	CHR8:1418373	SSF x Far_LoA	-8,938	0,034	0,291
CHR8	1458377	CHR8:1458377	SSF x Far_LoA	-11,273	0,078	0,284
CHR8	1458631	CHR8:1458631	SSF x Far_LoA	-8,375	-0,179	0,280
CHR8	1458682	CHR8:1458682	SSF x Far_LoA	-10,016	-0,049	0,295
CHR8	1475521	CHR8:1475521	SSF x Far_LoA	-8,072	-0,070	0,278
CHR8	1475745	CHR8:1475745	SSF x Far_LoA	-12,393	0,061	0,283
CHR8	1475871	CHR8:1475871	SSF x Far_LoA	-11,004	0,093	0,290
CHR8	1475889	CHR8:1475889	SSF x Far_LoA	-8,010	-0,067	0,282
CHR8	1487815	CHR8:1487815	SSF x Far_LoA	-9,494	-0,016	0,300
CHR8	1489754	CHR8:1489754	SSF x Far_LoA	2,328	-0,086	0,268
CHR8	1489763	CHR8:1489763	SSF x Far_LoA	-8,400	-0,083	0,298
CHR8	1493069	CHR8:1493069	SSF x Far_LoA	-10,387	0,022	0,293
CHR8	1494579	CHR8:1494579	SSF x Far_LoA	-9,947	0,074	0,275
CHR8	1494589	CHR8:1494589	SSF x Far_LoA	-9,575	-0,020	0,277
CHR8	1504961	CHR8:1504961	SSF x Far_LoA	1,799	-0,062	0,284
CHR8	1506294	CHR8:1506294	SSF x Far_LoA	-9,214	0,062	0,303
CHR8	1518324	CHR8:1518324	SSF x Far_LoA	-8,789	0,011	0,283
CHR8	1518357	CHR8:1518357	SSF x Far_LoA	-9,599	0,181	0,285
CHR8	1518368	CHR8:1518368	SSF x Far_LoA	-10,071	-0,027	0,283

CHR8	1518384	CHR8:1518384	SSF x Far_LoA	-7,441	-0,060	0,299
CHR8	1518443	CHR8:1518443	SSF x Far_LoA	-10,938	-0,088	0,272
CHR8	1518537	CHR8:1518537	SSF x Far_LoA	-10,745	0,017	0,298
CHR8	1518558	CHR8:1518558	SSF x Far_LoA	-12,129	0,060	0,283
CHR8	1518570	CHR8:1518570	SSF x Far_LoA	-11,922	-0,016	0,293
CHR8	1518608	CHR8:1518608	SSF x Far_LoA	-10,712	-0,044	0,276
CHR8	1539860	CHR8:1539860	SSF x Far_LoA	-8,894	0,008	0,280
CHR8	1540084	CHR8:1540084	SSF x Far_LoA	-9,161	0,068	0,299
CHR8	1556736	CHR8:1556736	SSF x Far_LoA	-9,880	-0,054	0,297
CHR8	1556746	CHR8:1556746	SSF x Far_LoA	-10,212	-0,088	0,293
CHR8	1556750	CHR8:1556750	SSF x Far_LoA	-7,557	-0,029	0,297
CHR8	1556772	CHR8:1556772	SSF x Far_LoA	-9,949	-0,055	0,302
CHR8	1561800	CHR8:1561800	SSF x Far_LoA	-8,802	-0,095	0,301
CHR8	1561901	CHR8:1561901	SSF x Far_LoA	-10,214	0,137	0,277
CHR8	1561927	CHR8:1561927	SSF x Far_LoA	-9,207	0,072	0,289
CHR8	1563060	CHR8:1563060	SSF x Far_LoA	-8,933	-0,040	0,290
CHR8	1563171	CHR8:1563171	SSF x Far_LoA	-7,987	0,061	0,293
CHR8	1567165	CHR8:1567165	SSF x Far_LoA	-10,236	0,070	0,289
CHR8	1579265	CHR8:1579265	SSF x Far_LoA	-7,669	-0,098	0,294
CHR8	1579610	CHR8:1579610	SSF x Far_LoA	-8,938	0,025	0,313
CHR8	1590555	CHR8:1590555	SSF x Far_LoA	-3,240	0,061	0,291
CHR8	1590790	CHR8:1590790	SSF x Far_LoA	-10,815	0,056	0,289
CHR8	1590911	CHR8:1590911	SSF x Far_LoA	-9,981	0,080	0,293
CHR8	1604600	CHR8:1604600	SSF x Far_LoA	-8,604	0,092	0,293
CHR8	1604620	CHR8:1604620	SSF x Far_LoA	-10,866	0,057	0,286
CHR8	1622452	CHR8:1622452	SSF x Far_LoA	-9,020	-0,137	0,304
CHR8	1622456	CHR8:1622456	SSF x Far_LoA	-8,120	0,059	0,297
CHR8	1692671	CHR8:1692671	SSF x Far_LoA	-7,774	-0,047	0,305
CHR8	1693029	CHR8:1693029	SSF x Far_LoA	-8,954	0,019	0,305
CHR8	1700918	CHR8:1700918	SSF x Far_LoA	-7,714	0,144	0,272
CHR8	1701003	CHR8:1701003	SSF x Far_LoA	-7,469	0,153	0,265
CHR8	1703177	CHR8:1703177	SSF x Far_LoA	-5,021	-0,075	0,292
CHR8	1705221	CHR8:1705221	SSF x Far_LoA	-9,672	-0,075	0,293
CHR8	1705231	CHR8:1705231	SSF x Far_LoA	-9,495	-0,016	0,289
CHR8	1741400	CHR8:1741400	SSF x Far_LoA	-8,729	-0,083	0,294
CHR8	1741452	CHR8:1741452	SSF x Far_LoA	-9,053	0,036	0,299
CHR8	1741464	CHR8:1741464	SSF x Far_LoA	-11,167	-0,037	0,298
CHR8	1741470	CHR8:1741470	SSF x Far_LoA	-7,277	-0,019	0,308
CHR8	1741480	CHR8:1741480	SSF x Far_LoA	-7,769	-0,060	0,287
CHR8	1741537	CHR8:1741537	SSF x Far_LoA	-11,609	0,016	0,292
CHR8	1741566	CHR8:1741566	SSF x Far_LoA	-11,889	-0,020	0,292
CHR8	1748210	CHR8:1748210	SSF x Far_LoA	-8,002	0,141	0,279
CHR8	1766640	CHR8:1766640	SSF x Far_LoA	-11,005	0,053	0,284
CHR8	1771601	CHR8:1771601	SSF x Far_LoA	-8,379	-0,091	0,293
CHR8	1796516	CHR8:1796516	SSF x Far_LoA	-10,728	-0,020	0,287
CHR8	1796605	CHR8:1796605	SSF x Far_LoA	-9,679	0,023	0,298
CHR8	1796608	CHR8:1796608	SSF x Far_LoA	10,136	0,049	0,299
CHR8	1796706	CHR8:1796706	SSF x Far_LoA	-10,357	0,019	0,289
CHR8	1796798	CHR8:1796798	SSF x Far_LoA	-10,764	0,047	0,288
CHR8	1805730	CHR8:1805730	SSF x Far_LoA	-5,421	0,065	0,279
CHR8	1811235	CHR8:1811235	SSF x Far_LoA	-9,579	0,023	0,301
CHR8	1815275	CHR8:1815275	SSF x Far_LoA	-9,967	-0,053	0,263
CHR8	1852096	CHR8:1852096	SSF x Far_LoA	-9,194	-0,018	0,284

CHR8	1873721	CHR8:1873721	SSF x Far_LoA	-11,131	0,065	0,279
CHR8	1875642	CHR8:1875642	SSF x Far_LoA	-10,660	0,109	0,285
CHR8	1875824	CHR8:1875824	SSF x Far_LoA	-9,481	0,014	0,280
CHR8	1875830	CHR8:1875830	SSF x Far_LoA	-9,270	-0,022	0,307
CHR8	1875835	CHR8:1875835	SSF x Far_LoA	-9,476	0,024	0,291
CHR8	1885137	CHR8:1885137	SSF x Far_LoA	-8,802	0,037	0,262
CHR8	1885148	CHR8:1885148	SSF x Far_LoA	-8,341	-0,014	0,281
CHR8	1893706	CHR8:1893706	SSF x Far_LoA	-8,996	0,013	0,298
CHR8	1893813	CHR8:1893813	SSF x Far_LoA	-7,986	-0,134	0,284
CHR8	1893883	CHR8:1893883	SSF x Far_LoA	-7,228	0,161	0,288
CHR8	1899329	CHR8:1899329	SSF x Far_LoA	-8,692	-0,014	0,298
CHR8	1916035	CHR8:1916035	SSF x Far_LoA	-11,658	0,047	0,292
CHR8	1917536	CHR8:1917536	SSF x Far_LoA	-6,778	-0,129	0,304
CHR8	1917543	CHR8:1917543	SSF x Far_LoA	-10,986	0,102	0,286
CHR8	1918878	CHR8:1918878	SSF x Far_LoA	-8,526	-0,012	0,303
CHR8	1918923	CHR8:1918923	SSF x Far_LoA	-9,075	0,051	0,299
CHR8	1918950	CHR8:1918950	SSF x Far_LoA	-9,791	0,055	0,313
CHR8	1919019	CHR8:1919019	SSF x Far_LoA	-7,493	0,086	0,297
CHR8	1919083	CHR8:1919083	SSF x Far_LoA	-8,424	-0,009	0,287
CHR8	1922168	CHR8:1922168	SSF x Far_LoA	-7,627	0,054	0,290
CHR8	1922169	CHR8:1922169	SSF x Far_LoA	-9,544	-0,021	0,280
CHR8	1922174	CHR8:1922174	SSF x Far_LoA	-9,648	-0,032	0,278
CHR8	1922191	CHR8:1922191	SSF x Far_LoA	-9,392	-0,051	0,283
CHR8	1922207	CHR8:1922207	SSF x Far_LoA	-7,828	0,023	0,284
CHR8	1922221	CHR8:1922221	SSF x Far_LoA	-8,458	0,023	0,287
CHR8	1922546	CHR8:1922546	SSF x Far_LoA	-10,115	0,138	0,275
CHR8	1932844	CHR8:1932844	SSF x Far_LoA	-8,206	-0,048	0,286
CHR8	1948673	CHR8:1948673	SSF x Far_LoA	-8,951	0,086	0,294
CHR8	1962948	CHR8:1962948	SSF x Far_LoA	-8,103	-0,038	0,291
CHR8	1970936	CHR8:1970936	SSF x Far_LoA	-9,032	0,017	0,288
CHR8	1970980	CHR8:1970980	SSF x Far_LoA	-8,407	-0,038	0,293
CHR8	1972482	CHR8:1972482	SSF x Far_LoA	-11,034	0,041	0,296
CHR8	1972485	CHR8:1972485	SSF x Far_LoA	-11,452	-0,089	0,269
CHR8	2025242	CHR8:2025242	SSF x Far_LoA	-6,902	-0,013	0,300
CHR8	2025506	CHR8:2025506	SSF x Far_LoA	4,480	-0,081	0,291
CHR8	2025519	CHR8:2025519	SSF x Far_LoA	-3,539	0,192	0,296
CHR8	2037381	CHR8:2037381	SSF x Far_LoA	-11,004	0,023	0,280
CHR8	2037389	CHR8:2037389	SSF x Far_LoA	-10,952	0,057	0,294
CHR8	2045552	CHR8:2045552	SSF x Far_LoA	-6,774	0,042	0,306
CHR8	2045747	CHR8:2045747	SSF x Far_LoA	-8,955	-0,030	0,290
CHR8	2047424	CHR8:2047424	SSF x Far_LoA	-7,307	0,146	0,277
CHR8	2047548	CHR8:2047548	SSF x Far_LoA	-9,908	0,141	0,289
CHR8	2089506	CHR8:2089506	SSF x Far_LoA	-7,410	0,120	0,279
CHR8	2089638	CHR8:2089638	SSF x Far_LoA	-11,977	-0,001	0,303
CHR8	2089641	CHR8:2089641	SSF x Far_LoA	-9,724	0,006	0,295
CHR8	2095677	CHR8:2095677	SSF x Far_LoA	-10,459	-0,112	0,281
CHR8	2095683	CHR8:2095683	SSF x Far_LoA	-10,442	0,045	0,312
CHR8	2095734	CHR8:2095734	SSF x Far_LoA	-11,348	0,055	0,290
CHR8	2095783	CHR8:2095783	SSF x Far_LoA	-10,590	-0,002	0,296
CHR8	2095850	CHR8:2095850	SSF x Far_LoA	-9,005	-0,079	0,299
CHR8	2095851	CHR8:2095851	SSF x Far_LoA	-8,633	0,010	0,297
CHR8	2112487	CHR8:2112487	SSF x Far_LoA	-10,133	0,122	0,292
CHR8	2119129	CHR8:2119129	SSF x Far_LoA	-7,757	-0,037	0,304

CHR8	2127526	CHR8:2127526	SSF x Far_LoA	-10,377	-0,070	0,297
CHR8	2127588	CHR8:2127588	SSF x Far_LoA	-7,164	0,074	0,296
CHR8	212759	CHR8:212759	SSF x Far_LoA	-8,185	-0,097	0,310
CHR8	2127612	CHR8:2127612	SSF x Far_LoA	-8,784	-0,045	0,296
CHR8	2127780	CHR8:2127780	SSF x Far_LoA	-11,079	-0,007	0,296
CHR8	2133605	CHR8:2133605	SSF x Far_LoA	-8,644	-0,091	0,289
CHR8	2140603	CHR8:2140603	SSF x Far_LoA	-8,996	0,051	0,276
CHR8	2148101	CHR8:2148101	SSF x Far_LoA	-10,006	0,147	0,286
CHR8	2148211	CHR8:2148211	SSF x Far_LoA	-11,742	0,062	0,293
CHR8	2148214	CHR8:2148214	SSF x Far_LoA	-11,632	0,056	0,297
CHR8	2152339	CHR8:2152339	SSF x Far_LoA	-11,064	0,094	0,295
CHR8	2158737	CHR8:2158737	SSF x Far_LoA	-11,104	0,099	0,276
CHR8	2158856	CHR8:2158856	SSF x Far_LoA	-9,358	0,058	0,288
CHR8	2158858	CHR8:2158858	SSF x Far_LoA	-9,121	0,143	0,290
CHR8	2158929	CHR8:2158929	SSF x Far_LoA	-4,715	0,060	0,315
CHR8	2158933	CHR8:2158933	SSF x Far_LoA	-9,750	0,077	0,289
CHR8	2177738	CHR8:2177738	SSF x Far_LoA	-9,364	0,011	0,295
CHR8	2177940	CHR8:2177940	SSF x Far_LoA	-8,297	0,034	0,288
CHR8	2184877	CHR8:2184877	SSF x Far_LoA	-10,575	0,045	0,293
CHR8	2184903	CHR8:2184903	SSF x Far_LoA	-1,713	-0,039	0,305
CHR8	2227632	CHR8:2227632	SSF x Far_LoA	-10,871	-0,009	0,288
CHR8	2227748	CHR8:2227748	SSF x Far_LoA	-9,432	0,022	0,296
CHR8	2227789	CHR8:2227789	SSF x Far_LoA	17,331	0,116	0,295
CHR8	2227872	CHR8:2227872	SSF x Far_LoA	-8,680	-0,146	0,285
CHR8	2233897	CHR8:2233897	SSF x Far_LoA	-9,399	-0,020	0,281
CHR8	2234069	CHR8:2234069	SSF x Far_LoA	-9,904	0,006	0,290
CHR8	2234194	CHR8:2234194	SSF x Far_LoA	-10,633	-0,083	0,291
CHR8	2234211	CHR8:2234211	SSF x Far_LoA	-9,767	-0,070	0,284
CHR8	2234215	CHR8:2234215	SSF x Far_LoA	-4,781	0,077	0,291
CHR8	2250474	CHR8:2250474	SSF x Far_LoA	-1,217	-0,109	0,284
CHR8	2250491	CHR8:2250491	SSF x Far_LoA	6,500	-0,168	0,273
CHR8	2250522	CHR8:2250522	SSF x Far_LoA	-7,322	-0,159	0,281
CHR8	2250526	CHR8:2250526	SSF x Far_LoA	-5,499	-0,180	0,275
CHR8	2251735	CHR8:2251735	SSF x Far_LoA	-8,626	-0,127	0,285
CHR8	2251975	CHR8:2251975	SSF x Far_LoA	-10,542	0,108	0,284
CHR8	2251986	CHR8:2251986	SSF x Far_LoA	-9,876	0,136	0,283
CHR8	2267799	CHR8:2267799	SSF x Far_LoA	-10,475	-0,108	0,290
CHR8	2285203	CHR8:2285203	SSF x Far_LoA	-8,884	0,022	0,289
CHR8	2314516	CHR8:2314516	SSF x Far_LoA	-9,335	0,044	0,298
CHR8	2314631	CHR8:2314631	SSF x Far_LoA	-7,079	-0,074	0,307
CHR8	2314714	CHR8:2314714	SSF x Far_LoA	-9,365	-0,038	0,294
CHR8	2315142	CHR8:2315142	SSF x Far_LoA	-8,708	0,066	0,298
CHR8	2315152	CHR8:2315152	SSF x Far_LoA	-6,814	0,134	0,292
CHR8	2315181	CHR8:2315181	SSF x Far_LoA	-7,115	0,133	0,304
CHR8	2315298	CHR8:2315298	SSF x Far_LoA	-10,187	-0,075	0,283
CHR8	2315314	CHR8:2315314	SSF x Far_LoA	-9,526	-0,010	0,274
CHR8	2315331	CHR8:2315331	SSF x Far_LoA	-6,865	-0,043	0,293
CHR8	2315339	CHR8:2315339	SSF x Far_LoA	-8,541	-0,005	0,301
CHR8	2323449	CHR8:2323449	SSF x Far_LoA	-11,787	-0,008	0,293
CHR8	2324778	CHR8:2324778	SSF x Far_LoA	-9,565	0,100	0,276
CHR8	2332284	CHR8:2332284	SSF x Far_LoA	-7,220	0,060	0,304
CHR8	2332473	CHR8:2332473	SSF x Far_LoA	-10,478	-0,014	0,286
CHR8	2338520	CHR8:2338520	SSF x Far_LoA	-11,033	-0,061	0,275

CHR8	2343991	CHR8:2343991	SSF x Far_LoA	-10,434	0,127	0,277
CHR8	2344216	CHR8:2344216	SSF x Far_LoA	-9,613	0,051	0,297
CHR8	2344284	CHR8:2344284	SSF x Far_LoA	-6,617	-0,106	0,301
CHR8	2348959	CHR8:2348959	SSF x Far_LoA	-9,641	-0,088	0,293
CHR8	2349097	CHR8:2349097	SSF x Far_LoA	-9,647	-0,084	0,291
CHR8	2351435	CHR8:2351435	SSF x Far_LoA	-11,102	0,011	0,294
CHR8	2361439	CHR8:2361439	SSF x Far_LoA	-9,424	0,040	0,286
CHR8	2376803	CHR8:2376803	SSF x Far_LoA	-8,694	0,049	0,295
CHR8	2385895	CHR8:2385895	SSF x Far_LoA	-8,985	-0,064	0,297
CHR8	2389567	CHR8:2389567	SSF x Far_LoA	-9,615	0,072	0,279
CHR8	2389736	CHR8:2389736	SSF x Far_LoA	-9,747	0,121	0,279
CHR8	2421599	CHR8:2421599	SSF x Far_LoA	-9,866	-0,131	0,280
CHR8	2425263	CHR8:2425263	SSF x Far_LoA	-10,113	-0,023	0,292
CHR8	2425461	CHR8:2425461	SSF x Far_LoA	-9,392	0,012	0,287
CHR8	2425479	CHR8:2425479	SSF x Far_LoA	-9,878	0,099	0,264
CHR8	2429412	CHR8:2429412	SSF x Far_LoA	-8,413	-0,016	0,284
CHR8	2429431	CHR8:2429431	SSF x Far_LoA	-8,115	-0,041	0,302
CHR8	2429512	CHR8:2429512	SSF x Far_LoA	-8,064	-0,077	0,308
CHR8	2430181	CHR8:2430181	SSF x Far_LoA	-7,643	-0,115	0,289
CHR8	2430187	CHR8:2430187	SSF x Far_LoA	-8,414	-0,030	0,287
CHR8	2430189	CHR8:2430189	SSF x Far_LoA	-8,728	0,012	0,287
CHR8	2437280	CHR8:2437280	SSF x Far_LoA	-8,292	-0,030	0,296
CHR8	2437305	CHR8:2437305	SSF x Far_LoA	-8,899	-0,136	0,290
CHR8	2437317	CHR8:2437317	SSF x Far_LoA	-6,858	-0,082	0,288
CHR8	2437341	CHR8:2437341	SSF x Far_LoA	-8,914	0,006	0,284
CHR8	2437377	CHR8:2437377	SSF x Far_LoA	-4,020	0,167	0,276
CHR8	2437430	CHR8:2437430	SSF x Far_LoA	-10,236	-0,002	0,280
CHR8	2437511	CHR8:2437511	SSF x Far_LoA	-9,797	-0,026	0,294
CHR8	2437561	CHR8:2437561	SSF x Far_LoA	-9,246	0,066	0,291
CHR8	2437632	CHR8:2437632	SSF x Far_LoA	-10,628	0,059	0,287
CHR8	244629	CHR8:244629	SSF x Far_LoA	-6,187	-0,146	0,300
CHR8	2458056	CHR8:2458056	SSF x Far_LoA	-6,959	0,069	0,296
CHR8	2458063	CHR8:2458063	SSF x Far_LoA	-10,013	0,046	0,281
CHR8	2458161	CHR8:2458161	SSF x Far_LoA	-10,497	0,038	0,293
CHR8	2458308	CHR8:2458308	SSF x Far_LoA	-8,886	0,000	0,290
CHR8	2461366	CHR8:2461366	SSF x Far_LoA	-11,640	0,067	0,291
CHR8	2461384	CHR8:2461384	SSF x Far_LoA	-7,276	-0,090	0,305
CHR8	2462601	CHR8:2462601	SSF x Far_LoA	-3,861	-0,182	0,270
CHR8	2462682	CHR8:2462682	SSF x Far_LoA	-5,380	-0,224	0,267
CHR8	2471430	CHR8:2471430	SSF x Far_LoA	-8,881	0,055	0,312
CHR8	2471431	CHR8:2471431	SSF x Far_LoA	-12,753	-0,001	0,282
CHR8	2471443	CHR8:2471443	SSF x Far_LoA	-10,589	0,119	0,289
CHR8	2471458	CHR8:2471458	SSF x Far_LoA	-11,500	0,065	0,284
CHR8	2501913	CHR8:2501913	SSF x Far_LoA	-11,269	-0,005	0,273
CHR8	2501954	CHR8:2501954	SSF x Far_LoA	-8,968	-0,088	0,282
CHR8	2502053	CHR8:2502053	SSF x Far_LoA	-5,301	0,144	0,289
CHR8	2502074	CHR8:2502074	SSF x Far_LoA	-6,541	-0,105	0,296
CHR8	2519987	CHR8:2519987	SSF x Far_LoA	-11,030	-0,046	0,276
CHR8	2541118	CHR8:2541118	SSF x Far_LoA	-11,098	0,008	0,299
CHR8	2541412	CHR8:2541412	SSF x Far_LoA	-8,917	-0,008	0,294
CHR8	2556078	CHR8:2556078	SSF x Far_LoA	-7,666	0,132	0,291
CHR8	2556136	CHR8:2556136	SSF x Far_LoA	-7,357	-0,040	0,298
CHR8	257410	CHR8:257410	SSF x Far_LoA	-10,006	0,124	0,293

CHR8	2591709	CHR8:2591709	SSF x Far_LoA	-8,655	-0,060	0,299
CHR8	2591733	CHR8:2591733	SSF x Far_LoA	-8,984	-0,054	0,291
CHR8	2620210	CHR8:2620210	SSF x Far_LoA	-11,461	-0,038	0,287
CHR8	2634156	CHR8:2634156	SSF x Far_LoA	-10,625	-0,002	0,288
CHR8	2634199	CHR8:2634199	SSF x Far_LoA	-11,455	0,013	0,291
CHR8	2634311	CHR8:2634311	SSF x Far_LoA	-8,114	0,120	0,282
CHR8	2634372	CHR8:2634372	SSF x Far_LoA	-8,446	0,048	0,279
CHR8	2636410	CHR8:2636410	SSF x Far_LoA	-10,393	-0,113	0,289
CHR8	2647708	CHR8:2647708	SSF x Far_LoA	-4,626	0,137	0,285
CHR8	2647854	CHR8:2647854	SSF x Far_LoA	-10,747	0,049	0,300
CHR8	2647892	CHR8:2647892	SSF x Far_LoA	-10,340	-0,036	0,304
CHR8	2647913	CHR8:2647913	SSF x Far_LoA	-7,947	-0,041	0,300
CHR8	2666723	CHR8:2666723	SSF x Far_LoA	-7,335	0,008	0,284
CHR8	267234	CHR8:267234	SSF x Far_LoA	-8,871	-0,119	0,282
CHR8	2676586	CHR8:2676586	SSF x Far_LoA	-8,641	0,045	0,299
CHR8	2692665	CHR8:2692665	SSF x Far_LoA	-10,051	0,087	0,294
CHR8	2692692	CHR8:2692692	SSF x Far_LoA	-10,892	-0,106	0,286
CHR8	2697197	CHR8:2697197	SSF x Far_LoA	-7,656	-0,009	0,290
CHR8	2697215	CHR8:2697215	SSF x Far_LoA	-10,916	-0,046	0,292
CHR8	2709953	CHR8:2709953	SSF x Far_LoA	-8,935	0,086	0,306
CHR8	2709996	CHR8:2709996	SSF x Far_LoA	-10,772	-0,042	0,286
CHR8	2710296	CHR8:2710296	SSF x Far_LoA	-11,155	-0,047	0,291
CHR8	2718635	CHR8:2718635	SSF x Far_LoA	-7,834	-0,081	0,293
CHR8	272235	CHR8:272235	SSF x Far_LoA	-10,020	-0,027	0,292
CHR8	2724402	CHR8:2724402	SSF x Far_LoA	-9,407	0,026	0,283
CHR8	2724404	CHR8:2724404	SSF x Far_LoA	-8,538	0,077	0,279
CHR8	2724417	CHR8:2724417	SSF x Far_LoA	-8,046	-0,092	0,290
CHR8	2724453	CHR8:2724453	SSF x Far_LoA	-8,351	0,087	0,296
CHR8	2724523	CHR8:2724523	SSF x Far_LoA	-4,271	-0,138	0,293
CHR8	2727210	CHR8:2727210	SSF x Far_LoA	-7,161	0,088	0,291
CHR8	2727222	CHR8:2727222	SSF x Far_LoA	-10,491	-0,096	0,291
CHR8	2731738	CHR8:2731738	SSF x Far_LoA	-6,449	-0,182	0,272
CHR8	2731873	CHR8:2731873	SSF x Far_LoA	-8,788	0,015	0,294
CHR8	2731874	CHR8:2731874	SSF x Far_LoA	-8,464	-0,019	0,307
CHR8	2731897	CHR8:2731897	SSF x Far_LoA	-9,267	-0,018	0,306
CHR8	2731956	CHR8:2731956	SSF x Far_LoA	-9,425	-0,067	0,301
CHR8	2734042	CHR8:2734042	SSF x Far_LoA	-6,772	-0,144	0,275
CHR8	2734079	CHR8:2734079	SSF x Far_LoA	-7,857	-0,031	0,298
CHR8	2734087	CHR8:2734087	SSF x Far_LoA	-9,019	-0,072	0,301
CHR8	2734176	CHR8:2734176	SSF x Far_LoA	-7,719	0,092	0,262
CHR8	2734208	CHR8:2734208	SSF x Far_LoA	-7,859	0,103	0,270
CHR8	2734224	CHR8:2734224	SSF x Far_LoA	-8,743	-0,104	0,281
CHR8	2734226	CHR8:2734226	SSF x Far_LoA	-8,703	-0,094	0,291
CHR8	2740101	CHR8:2740101	SSF x Far_LoA	-7,742	-0,002	0,277
CHR8	2740114	CHR8:2740114	SSF x Far_LoA	-11,497	-0,012	0,302
CHR8	2740149	CHR8:2740149	SSF x Far_LoA	-8,764	0,048	0,281
CHR8	2740164	CHR8:2740164	SSF x Far_LoA	-8,396	-0,036	0,270
CHR8	2741545	CHR8:2741545	SSF x Far_LoA	-8,757	0,002	0,279
CHR8	2741564	CHR8:2741564	SSF x Far_LoA	-8,532	-0,114	0,308
CHR8	2741612	CHR8:2741612	SSF x Far_LoA	-9,230	-0,118	0,279
CHR8	2741748	CHR8:2741748	SSF x Far_LoA	-11,279	-0,051	0,293
CHR8	2741764	CHR8:2741764	SSF x Far_LoA	-7,470	0,099	0,307
CHR8	2750836	CHR8:2750836	SSF x Far_LoA	-7,248	-0,170	0,273

CHR8	2750850	CHR8:2750850	SSF x Far_LoA	-9,100	-0,175	0,282
CHR8	2750855	CHR8:2750855	SSF x Far_LoA	-7,943	-0,192	0,280
CHR8	2750858	CHR8:2750858	SSF x Far_LoA	-7,420	0,131	0,274
CHR8	2750917	CHR8:2750917	SSF x Far_LoA	-8,404	0,057	0,280
CHR8	2752475	CHR8:2752475	SSF x Far_LoA	-11,489	0,009	0,291
CHR8	2752520	CHR8:2752520	SSF x Far_LoA	-10,899	0,037	0,295
CHR8	2759700	CHR8:2759700	SSF x Far_LoA	-9,141	-0,078	0,287
CHR8	2759703	CHR8:2759703	SSF x Far_LoA	-9,182	-0,076	0,281
CHR8	2759750	CHR8:2759750	SSF x Far_LoA	-10,121	0,126	0,296
CHR8	2759770	CHR8:2759770	SSF x Far_LoA	-6,652	0,012	0,289
CHR8	2759784	CHR8:2759784	SSF x Far_LoA	-8,051	-0,155	0,284
CHR8	2759855	CHR8:2759855	SSF x Far_LoA	-9,066	0,141	0,287
CHR8	2765388	CHR8:2765388	SSF x Far_LoA	-10,878	0,018	0,286
CHR8	2765418	CHR8:2765418	SSF x Far_LoA	-11,456	0,078	0,280
CHR8	2765445	CHR8:2765445	SSF x Far_LoA	-8,812	0,031	0,290
CHR8	2765482	CHR8:2765482	SSF x Far_LoA	-11,390	0,009	0,302
CHR8	2765509	CHR8:2765509	SSF x Far_LoA	-11,038	0,033	0,288
CHR8	2765529	CHR8:2765529	SSF x Far_LoA	-10,153	-0,001	0,301
CHR8	2765645	CHR8:2765645	SSF x Far_LoA	-10,470	0,008	0,289
CHR8	2770557	CHR8:2770557	SSF x Far_LoA	-10,009	-0,010	0,285
CHR8	277955	CHR8:277955	SSF x Far_LoA	-11,453	-0,001	0,302
CHR8	277998	CHR8:277998	SSF x Far_LoA	-9,485	-0,021	0,313
CHR8	2797389	CHR8:2797389	SSF x Far_LoA	-9,714	-0,069	0,293
CHR8	2797595	CHR8:2797595	SSF x Far_LoA	-11,727	-0,021	0,294
CHR8	2799024	CHR8:2799024	SSF x Far_LoA	-11,975	-0,040	0,269
CHR8	2799030	CHR8:2799030	SSF x Far_LoA	-7,290	0,079	0,297
CHR8	2810021	CHR8:2810021	SSF x Far_LoA	-6,892	-0,108	0,300
CHR8	2810173	CHR8:2810173	SSF x Far_LoA	-11,110	-0,034	0,288
CHR8	2810181	CHR8:2810181	SSF x Far_LoA	-10,706	0,029	0,284
CHR8	2810412	CHR8:2810412	SSF x Far_LoA	-9,898	-0,053	0,296
CHR8	2810438	CHR8:2810438	SSF x Far_LoA	-8,508	-0,058	0,303
CHR8	2810447	CHR8:2810447	SSF x Far_LoA	-8,729	-0,022	0,293
CHR8	2810456	CHR8:2810456	SSF x Far_LoA	-9,323	0,021	0,291
CHR8	2810472	CHR8:2810472	SSF x Far_LoA	-9,632	0,069	0,294
CHR8	2835651	CHR8:2835651	SSF x Far_LoA	-4,410	0,015	0,287
CHR8	2835752	CHR8:2835752	SSF x Far_LoA	-8,920	-0,119	0,298
CHR8	2835821	CHR8:2835821	SSF x Far_LoA	-4,167	-0,152	0,286
CHR8	2835862	CHR8:2835862	SSF x Far_LoA	-10,206	0,013	0,286
CHR8	2842129	CHR8:2842129	SSF x Far_LoA	-7,455	0,034	0,295
CHR8	2842188	CHR8:2842188	SSF x Far_LoA	-8,412	0,061	0,300
CHR8	2842194	CHR8:2842194	SSF x Far_LoA	-9,872	0,064	0,300
CHR8	2842249	CHR8:2842249	SSF x Far_LoA	-8,020	0,022	0,315
CHR8	2842257	CHR8:2842257	SSF x Far_LoA	-8,399	0,047	0,296
CHR8	2842366	CHR8:2842366	SSF x Far_LoA	3,135	0,103	0,292
CHR8	2843317	CHR8:2843317	SSF x Far_LoA	-9,567	-0,084	0,290
CHR8	2843368	CHR8:2843368	SSF x Far_LoA	-7,628	0,069	0,284
CHR8	2843438	CHR8:2843438	SSF x Far_LoA	-9,042	0,019	0,297
CHR8	2843473	CHR8:2843473	SSF x Far_LoA	-8,804	-0,010	0,302
CHR8	2855466	CHR8:2855466	SSF x Far_LoA	-7,055	-0,155	0,279
CHR8	2863200	CHR8:2863200	SSF x Far_LoA	-9,066	-0,005	0,295
CHR8	2863348	CHR8:2863348	SSF x Far_LoA	-10,628	-0,114	0,292
CHR8	287485	CHR8:287485	SSF x Far_LoA	-9,540	0,018	0,296
CHR8	2875310	CHR8:2875310	SSF x Far_LoA	-10,562	-0,120	0,284

CHR8	2875340	CHR8:2875340	SSF x Far_LoA	-5,659	-0,121	0,284
CHR8	2875343	CHR8:2875343	SSF x Far_LoA	-7,187	-0,135	0,299
CHR8	2875393	CHR8:2875393	SSF x Far_LoA	-9,057	0,046	0,296
CHR8	2875421	CHR8:2875421	SSF x Far_LoA	-9,203	-0,001	0,260
CHR8	287545	CHR8:287545	SSF x Far_LoA	-9,196	0,079	0,296
CHR8	287647	CHR8:287647	SSF x Far_LoA	-8,644	0,095	0,295
CHR8	2879351	CHR8:2879351	SSF x Far_LoA	-10,659	-0,069	0,290
CHR8	2879524	CHR8:2879524	SSF x Far_LoA	-10,571	0,009	0,300
CHR8	2879528	CHR8:2879528	SSF x Far_LoA	-9,248	0,027	0,291
CHR8	2879532	CHR8:2879532	SSF x Far_LoA	-7,663	0,021	0,290
CHR8	2880488	CHR8:2880488	SSF x Far_LoA	-8,537	-0,065	0,293
CHR8	2880492	CHR8:2880492	SSF x Far_LoA	-8,370	-0,056	0,292
CHR8	2880563	CHR8:2880563	SSF x Far_LoA	-8,998	0,002	0,289
CHR8	289445	CHR8:289445	SSF x Far_LoA	-10,750	-0,054	0,297
CHR8	2898720	CHR8:2898720	SSF x Far_LoA	-9,857	-0,048	0,296
CHR8	2924766	CHR8:2924766	SSF x Far_LoA	-10,026	-0,067	0,289
CHR8	2924907	CHR8:2924907	SSF x Far_LoA	-9,184	-0,051	0,294
CHR8	2941467	CHR8:2941467	SSF x Far_LoA	-12,351	0,010	0,282
CHR8	295196	CHR8:295196	SSF x Far_LoA	-7,569	0,107	0,295
CHR8	295385	CHR8:295385	SSF x Far_LoA	-7,134	0,050	0,291
CHR8	295434	CHR8:295434	SSF x Far_LoA	-9,066	-0,029	0,295
CHR8	2968798	CHR8:2968798	SSF x Far_LoA	-8,434	0,029	0,289
CHR8	2968859	CHR8:2968859	SSF x Far_LoA	-8,048	-0,048	0,285
CHR8	2968868	CHR8:2968868	SSF x Far_LoA	-9,286	0,033	0,287
CHR8	2993846	CHR8:2993846	SSF x Far_LoA	-9,688	-0,093	0,292
CHR8	3017653	CHR8:3017653	SSF x Far_LoA	-7,529	-0,069	0,289
CHR8	3030529	CHR8:3030529	SSF x Far_LoA	-9,049	0,070	0,289
CHR8	3030537	CHR8:3030537	SSF x Far_LoA	-7,348	-0,119	0,298
CHR8	3046387	CHR8:3046387	SSF x Far_LoA	-9,761	-0,085	0,298
CHR8	3046421	CHR8:3046421	SSF x Far_LoA	-11,200	0,038	0,288
CHR8	3051362	CHR8:3051362	SSF x Far_LoA	-10,660	-0,029	0,307
CHR8	3051652	CHR8:3051652	SSF x Far_LoA	-10,929	0,109	0,279
CHR8	3051686	CHR8:3051686	SSF x Far_LoA	-6,304	-0,073	0,296
CHR8	3101722	CHR8:3101722	SSF x Far_LoA	-8,902	-0,002	0,309
CHR8	3101745	CHR8:3101745	SSF x Far_LoA	-5,381	-0,036	0,309
CHR8	3101838	CHR8:3101838	SSF x Far_LoA	-9,978	-0,027	0,284
CHR8	3101891	CHR8:3101891	SSF x Far_LoA	-9,354	-0,014	0,293
CHR8	3101950	CHR8:3101950	SSF x Far_LoA	-10,868	0,037	0,296
CHR8	3110885	CHR8:3110885	SSF x Far_LoA	-10,713	-0,065	0,293
CHR8	3131847	CHR8:3131847	SSF x Far_LoA	-6,497	-0,127	0,282
CHR8	313197	CHR8:313197	SSF x Far_LoA	-9,667	-0,021	0,289
CHR8	3131971	CHR8:3131971	SSF x Far_LoA	-8,474	-0,081	0,279
CHR8	3132098	CHR8:3132098	SSF x Far_LoA	-9,707	-0,062	0,268
CHR8	3132114	CHR8:3132114	SSF x Far_LoA	-10,833	0,107	0,294
CHR8	313393	CHR8:313393	SSF x Far_LoA	-8,397	0,003	0,298
CHR8	318266	CHR8:318266	SSF x Far_LoA	-6,972	-0,128	0,290
CHR8	3197062	CHR8:3197062	SSF x Far_LoA	-9,176	-0,106	0,280
CHR8	3202105	CHR8:3202105	SSF x Far_LoA	-7,750	-0,107	0,296
CHR8	3202107	CHR8:3202107	SSF x Far_LoA	-9,490	0,033	0,309
CHR8	3202268	CHR8:3202268	SSF x Far_LoA	-9,223	0,039	0,306
CHR8	3205234	CHR8:3205234	SSF x Far_LoA	-8,597	0,093	0,293
CHR8	3205342	CHR8:3205342	SSF x Far_LoA	-7,235	-0,195	0,267
CHR8	3205353	CHR8:3205353	SSF x Far_LoA	-8,985	0,017	0,287

CHR8	3216739	CHR8:3216739	SSF x Far_LoA	-8,065	-0,135	0,284
CHR8	3220116	CHR8:3220116	SSF x Far_LoA	-9,264	0,009	0,282
CHR8	3221000	CHR8:3221000	SSF x Far_LoA	-9,307	0,115	0,277
CHR8	3223046	CHR8:3223046	SSF x Far_LoA	-8,937	-0,016	0,295
CHR8	3223058	CHR8:3223058	SSF x Far_LoA	-12,034	-0,074	0,276
CHR8	3224051	CHR8:3224051	SSF x Far_LoA	-8,181	0,038	0,284
CHR8	3224105	CHR8:3224105	SSF x Far_LoA	-6,389	0,044	0,300
CHR8	3238418	CHR8:3238418	SSF x Far_LoA	-11,329	-0,012	0,280
CHR8	3238427	CHR8:3238427	SSF x Far_LoA	-10,363	-0,082	0,281
CHR8	3267976	CHR8:3267976	SSF x Far_LoA	-8,752	-0,066	0,281
CHR8	3268095	CHR8:3268095	SSF x Far_LoA	-8,787	-0,096	0,288
CHR8	3268103	CHR8:3268103	SSF x Far_LoA	-9,026	-0,070	0,304
CHR8	3268129	CHR8:3268129	SSF x Far_LoA	-6,246	-0,073	0,296
CHR8	3268181	CHR8:3268181	SSF x Far_LoA	-10,221	0,065	0,283
CHR8	327899	CHR8:327899	SSF x Far_LoA	-7,749	-0,011	0,309
CHR8	3280827	CHR8:3280827	SSF x Far_LoA	-10,535	0,033	0,300
CHR8	3280828	CHR8:3280828	SSF x Far_LoA	-11,149	0,020	0,283
CHR8	3280894	CHR8:3280894	SSF x Far_LoA	-10,210	0,100	0,296
CHR8	3280895	CHR8:3280895	SSF x Far_LoA	-8,560	-0,037	0,280
CHR8	3280905	CHR8:3280905	SSF x Far_LoA	-10,836	-0,022	0,286
CHR8	3281075	CHR8:3281075	SSF x Far_LoA	-6,046	-0,136	0,268
CHR8	3281081	CHR8:3281081	SSF x Far_LoA	-5,757	-0,110	0,290
CHR8	3282132	CHR8:3282132	SSF x Far_LoA	-8,521	0,104	0,293
CHR8	3294534	CHR8:3294534	SSF x Far_LoA	-9,958	-0,038	0,295
CHR8	3294557	CHR8:3294557	SSF x Far_LoA	-10,629	-0,021	0,295
CHR8	3294563	CHR8:3294563	SSF x Far_LoA	-9,268	0,037	0,277
CHR8	3294867	CHR8:3294867	SSF x Far_LoA	-8,693	-0,010	0,280
CHR8	3327961	CHR8:3327961	SSF x Far_LoA	-11,139	-0,037	0,289
CHR8	3327998	CHR8:3327998	SSF x Far_LoA	-10,418	-0,096	0,272
CHR8	3327999	CHR8:3327999	SSF x Far_LoA	-9,376	-0,079	0,283
CHR8	3328002	CHR8:3328002	SSF x Far_LoA	-10,623	-0,078	0,276
CHR8	3328005	CHR8:3328005	SSF x Far_LoA	-11,998	-0,025	0,306
CHR8	3328033	CHR8:3328033	SSF x Far_LoA	-10,621	-0,015	0,292
CHR8	3328067	CHR8:3328067	SSF x Far_LoA	-9,912	-0,030	0,296
CHR8	3328097	CHR8:3328097	SSF x Far_LoA	-9,622	0,023	0,292
CHR8	3328121	CHR8:3328121	SSF x Far_LoA	-8,641	0,119	0,277
CHR8	3328231	CHR8:3328231	SSF x Far_LoA	-6,587	0,182	0,278
CHR8	3353230	CHR8:3353230	SSF x Far_LoA	-8,328	-0,053	0,273
CHR8	335393	CHR8:335393	SSF x Far_LoA	-9,547	-0,006	0,294
CHR8	3354673	CHR8:3354673	SSF x Far_LoA	-11,587	-0,014	0,300
CHR8	3354680	CHR8:3354680	SSF x Far_LoA	-9,248	0,064	0,278
CHR8	3354797	CHR8:3354797	SSF x Far_LoA	-8,428	-0,008	0,295
CHR8	3354814	CHR8:3354814	SSF x Far_LoA	-11,112	-0,036	0,294
CHR8	3354850	CHR8:3354850	SSF x Far_LoA	-11,281	0,084	0,291
CHR8	3354853	CHR8:3354853	SSF x Far_LoA	-9,307	0,099	0,280
CHR8	3359016	CHR8:3359016	SSF x Far_LoA	-8,501	-0,013	0,306
CHR8	3359036	CHR8:3359036	SSF x Far_LoA	-9,271	-0,055	0,294
CHR8	3359068	CHR8:3359068	SSF x Far_LoA	-10,474	0,019	0,293
CHR8	3359087	CHR8:3359087	SSF x Far_LoA	-9,071	0,042	0,283
CHR8	3359214	CHR8:3359214	SSF x Far_LoA	-6,609	0,050	0,292
CHR8	3388799	CHR8:3388799	SSF x Far_LoA	-7,939	0,073	0,301
CHR8	3393865	CHR8:3393865	SSF x Far_LoA	-11,012	0,079	0,289
CHR8	3394028	CHR8:3394028	SSF x Far_LoA	-9,317	0,051	0,286

CHR8	3395644	CHR8:3395644	SSF x Far_LoA	-12,283	0,035	0,275
CHR8	3399062	CHR8:3399062	SSF x Far_LoA	-6,165	-0,114	0,298
CHR8	3418763	CHR8:3418763	SSF x Far_LoA	-11,156	0,034	0,270
CHR8	3418845	CHR8:3418845	SSF x Far_LoA	-9,699	-0,078	0,293
CHR8	3418846	CHR8:3418846	SSF x Far_LoA	-9,641	0,002	0,292
CHR8	3425893	CHR8:3425893	SSF x Far_LoA	-9,673	-0,036	0,288
CHR8	3425960	CHR8:3425960	SSF x Far_LoA	-8,778	0,011	0,300
CHR8	3425961	CHR8:3425961	SSF x Far_LoA	-9,324	0,127	0,280
CHR8	3425965	CHR8:3425965	SSF x Far_LoA	-9,538	0,019	0,295
CHR8	3439378	CHR8:3439378	SSF x Far_LoA	-7,519	-0,037	0,301
CHR8	3439528	CHR8:3439528	SSF x Far_LoA	-8,861	-0,048	0,291
CHR8	346147	CHR8:346147	SSF x Far_LoA	-8,899	-0,018	0,294
CHR8	346161	CHR8:346161	SSF x Far_LoA	-11,627	-0,072	0,273
CHR8	347168	CHR8:347168	SSF x Far_LoA	-11,663	-0,069	0,290
CHR8	3483803	CHR8:3483803	SSF x Far_LoA	-8,896	0,146	0,287
CHR8	3483860	CHR8:3483860	SSF x Far_LoA	-7,397	0,185	0,271
CHR8	3484290	CHR8:3484290	SSF x Far_LoA	-9,025	0,010	0,297
CHR8	3493174	CHR8:3493174	SSF x Far_LoA	-6,652	0,065	0,289
CHR8	3493230	CHR8:3493230	SSF x Far_LoA	-10,422	-0,091	0,298
CHR8	3514293	CHR8:3514293	SSF x Far_LoA	-11,761	0,000	0,287
CHR8	3514443	CHR8:3514443	SSF x Far_LoA	-7,725	0,118	0,282
CHR8	3514528	CHR8:3514528	SSF x Far_LoA	-9,781	-0,064	0,290
CHR8	3514560	CHR8:3514560	SSF x Far_LoA	-10,353	-0,084	0,282
CHR8	3514572	CHR8:3514572	SSF x Far_LoA	-6,884	0,093	0,279
CHR8	3514682	CHR8:3514682	SSF x Far_LoA	-9,549	-0,058	0,295
CHR8	3520297	CHR8:3520297	SSF x Far_LoA	-9,936	0,014	0,302
CHR8	3522687	CHR8:3522687	SSF x Far_LoA	-9,495	0,029	0,279
CHR8	3522726	CHR8:3522726	SSF x Far_LoA	-9,255	0,055	0,293
CHR8	3522764	CHR8:3522764	SSF x Far_LoA	-8,934	-0,022	0,295
CHR8	3526218	CHR8:3526218	SSF x Far_LoA	-4,369	0,153	0,298
CHR8	3526345	CHR8:3526345	SSF x Far_LoA	-10,761	0,026	0,279
CHR8	354008	CHR8:354008	SSF x Far_LoA	-7,802	-0,059	0,300
CHR8	354015	CHR8:354015	SSF x Far_LoA	-8,430	-0,081	0,292
CHR8	354037	CHR8:354037	SSF x Far_LoA	-9,697	-0,047	0,295
CHR8	354107	CHR8:354107	SSF x Far_LoA	-7,323	-0,123	0,271
CHR8	3543997	CHR8:3543997	SSF x Far_LoA	-10,947	0,077	0,285
CHR8	3551423	CHR8:3551423	SSF x Far_LoA	-9,917	0,030	0,284
CHR8	3551439	CHR8:3551439	SSF x Far_LoA	-10,189	-0,022	0,290
CHR8	3551456	CHR8:3551456	SSF x Far_LoA	-9,718	0,027	0,284
CHR8	3551619	CHR8:3551619	SSF x Far_LoA	-10,779	0,002	0,296
CHR8	3551656	CHR8:3551656	SSF x Far_LoA	-10,655	-0,059	0,286
CHR8	3553661	CHR8:3553661	SSF x Far_LoA	-9,825	-0,174	0,286
CHR8	3553768	CHR8:3553768	SSF x Far_LoA	-7,549	0,046	0,300
CHR8	3553816	CHR8:3553816	SSF x Far_LoA	-8,903	-0,040	0,284
CHR8	3553838	CHR8:3553838	SSF x Far_LoA	-8,951	0,058	0,299
CHR8	3561405	CHR8:3561405	SSF x Far_LoA	-5,656	-0,203	0,276
CHR8	3561481	CHR8:3561481	SSF x Far_LoA	-10,001	-0,077	0,279
CHR8	3561572	CHR8:3561572	SSF x Far_LoA	-9,986	-0,068	0,277
CHR8	3561622	CHR8:3561622	SSF x Far_LoA	-8,495	0,071	0,292
CHR8	3563634	CHR8:3563634	SSF x Far_LoA	-8,342	0,102	0,300
CHR8	3563810	CHR8:3563810	SSF x Far_LoA	-6,265	-0,030	0,309
CHR8	3563845	CHR8:3563845	SSF x Far_LoA	-7,728	-0,037	0,303
CHR8	3565155	CHR8:3565155	SSF x Far_LoA	-8,179	0,138	0,298

CHR8	3565164	CHR8:3565164	SSF x Far_LoA	-8,804	0,059	0,276
CHR8	3565253	CHR8:3565253	SSF x Far_LoA	-9,218	0,016	0,280
CHR8	3565329	CHR8:3565329	SSF x Far_LoA	-4,229	-0,042	0,282
CHR8	3565338	CHR8:3565338	SSF x Far_LoA	-9,371	0,019	0,280
CHR8	3573553	CHR8:3573553	SSF x Far_LoA	-10,341	0,058	0,285
CHR8	3573871	CHR8:3573871	SSF x Far_LoA	-10,455	-0,003	0,297
CHR8	3605340	CHR8:3605340	SSF x Far_LoA	-10,462	-0,036	0,278
CHR8	3610922	CHR8:3610922	SSF x Far_LoA	-11,200	0,008	0,287
CHR8	364052	CHR8:364052	SSF x Far_LoA	-8,086	-0,034	0,288
CHR8	3688106	CHR8:3688106	SSF x Far_LoA	-7,749	-0,064	0,299
CHR8	3688152	CHR8:3688152	SSF x Far_LoA	-9,114	-0,051	0,299
CHR8	3744438	CHR8:3744438	SSF x Far_LoA	-9,149	-0,099	0,272
CHR8	3744463	CHR8:3744463	SSF x Far_LoA	-7,897	0,052	0,293
CHR8	3744593	CHR8:3744593	SSF x Far_LoA	-5,203	0,085	0,291
CHR8	375740	CHR8:375740	SSF x Far_LoA	-9,574	-0,025	0,287
CHR8	375741	CHR8:375741	SSF x Far_LoA	-9,931	-0,042	0,299
CHR8	375999	CHR8:375999	SSF x Far_LoA	-10,411	-0,017	0,299
CHR8	376076	CHR8:376076	SSF x Far_LoA	-10,484	0,022	0,292
CHR8	376093	CHR8:376093	SSF x Far_LoA	-11,558	0,030	0,294
CHR8	3770636	CHR8:3770636	SSF x Far_LoA	-10,962	0,107	0,281
CHR8	3770765	CHR8:3770765	SSF x Far_LoA	-7,016	0,043	0,288
CHR8	3770822	CHR8:3770822	SSF x Far_LoA	-9,961	-0,001	0,291
CHR8	3774766	CHR8:3774766	SSF x Far_LoA	-8,355	0,018	0,303
CHR8	3774804	CHR8:3774804	SSF x Far_LoA	-7,761	-0,081	0,283
CHR8	3774816	CHR8:3774816	SSF x Far_LoA	-10,238	-0,041	0,291
CHR8	3774838	CHR8:3774838	SSF x Far_LoA	-7,967	-0,041	0,306
CHR8	3793385	CHR8:3793385	SSF x Far_LoA	-10,572	0,012	0,288
CHR8	3793397	CHR8:3793397	SSF x Far_LoA	-7,475	0,102	0,286
CHR8	3800361	CHR8:3800361	SSF x Far_LoA	-9,748	0,063	0,279
CHR8	3800437	CHR8:3800437	SSF x Far_LoA	-8,853	-0,003	0,311
CHR8	3800438	CHR8:3800438	SSF x Far_LoA	-4,365	-0,137	0,300
CHR8	3800439	CHR8:3800439	SSF x Far_LoA	-8,789	-0,133	0,302
CHR8	3800559	CHR8:3800559	SSF x Far_LoA	-10,145	0,071	0,298
CHR8	3800580	CHR8:3800580	SSF x Far_LoA	-10,242	-0,015	0,294
CHR8	3804020	CHR8:3804020	SSF x Far_LoA	-9,022	0,083	0,281
CHR8	3810538	CHR8:3810538	SSF x Far_LoA	-2,964	0,040	0,283
CHR8	3810597	CHR8:3810597	SSF x Far_LoA	-7,947	-0,172	0,295
CHR8	3810665	CHR8:3810665	SSF x Far_LoA	-10,633	0,028	0,283
CHR8	3815256	CHR8:3815256	SSF x Far_LoA	-8,162	-0,056	0,299
CHR8	3815260	CHR8:3815260	SSF x Far_LoA	-7,241	-0,085	0,293
CHR8	3815336	CHR8:3815336	SSF x Far_LoA	-5,758	-0,124	0,281
CHR8	3815347	CHR8:3815347	SSF x Far_LoA	-8,512	-0,121	0,290
CHR8	3815427	CHR8:3815427	SSF x Far_LoA	-10,467	0,100	0,293
CHR8	3815474	CHR8:3815474	SSF x Far_LoA	-9,705	0,105	0,291
CHR8	3815553	CHR8:3815553	SSF x Far_LoA	-8,069	0,128	0,288
CHR8	3820566	CHR8:3820566	SSF x Far_LoA	-8,618	0,061	0,289
CHR8	3820599	CHR8:3820599	SSF x Far_LoA	-9,370	0,097	0,285
CHR8	3820608	CHR8:3820608	SSF x Far_LoA	-9,759	0,084	0,298
CHR8	3820639	CHR8:3820639	SSF x Far_LoA	-11,053	-0,039	0,297
CHR8	3820705	CHR8:3820705	SSF x Far_LoA	-5,842	0,051	0,302
CHR8	3820786	CHR8:3820786	SSF x Far_LoA	-9,225	-0,026	0,304
CHR8	3831173	CHR8:3831173	SSF x Far_LoA	-6,391	0,089	0,309
CHR8	3831184	CHR8:3831184	SSF x Far_LoA	-9,875	-0,050	0,306

CHR8	3831414	CHR8:3831414	SSF x Far_LoA	-10,156	-0,097	0,285
CHR8	3837220	CHR8:3837220	SSF x Far_LoA	-10,359	-0,013	0,280
CHR8	3842872	CHR8:3842872	SSF x Far_LoA	-6,685	0,108	0,297
CHR8	3842878	CHR8:3842878	SSF x Far_LoA	-9,073	-0,024	0,286
CHR8	3842889	CHR8:3842889	SSF x Far_LoA	-8,656	0,123	0,284
CHR8	3842965	CHR8:3842965	SSF x Far_LoA	8,181	-0,115	0,293
CHR8	3858389	CHR8:3858389	SSF x Far_LoA	-9,542	-0,063	0,291
CHR8	3858499	CHR8:3858499	SSF x Far_LoA	-10,612	-0,002	0,285
CHR8	3858522	CHR8:3858522	SSF x Far_LoA	-10,014	0,034	0,304
CHR8	3858566	CHR8:3858566	SSF x Far_LoA	-8,276	-0,047	0,279
CHR8	3860981	CHR8:3860981	SSF x Far_LoA	-10,056	-0,035	0,308
CHR8	3861159	CHR8:3861159	SSF x Far_LoA	-9,730	0,094	0,289
CHR8	3871768	CHR8:3871768	SSF x Far_LoA	-7,890	-0,124	0,288
CHR8	3871802	CHR8:3871802	SSF x Far_LoA	-11,324	-0,031	0,288
CHR8	3871829	CHR8:3871829	SSF x Far_LoA	-8,722	0,112	0,291
CHR8	3871910	CHR8:3871910	SSF x Far_LoA	-9,728	-0,044	0,273
CHR8	3871935	CHR8:3871935	SSF x Far_LoA	-4,972	0,103	0,279
CHR8	3872093	CHR8:3872093	SSF x Far_LoA	-5,237	-0,084	0,292
CHR8	3872199	CHR8:3872199	SSF x Far_LoA	-10,646	0,032	0,292
CHR8	3872227	CHR8:3872227	SSF x Far_LoA	-6,192	-0,208	0,301
CHR8	3872250	CHR8:3872250	SSF x Far_LoA	-9,522	0,078	0,281
CHR8	3880795	CHR8:3880795	SSF x Far_LoA	-8,578	-0,025	0,291
CHR8	3894022	CHR8:3894022	SSF x Far_LoA	-8,116	-0,014	0,297
CHR8	3899734	CHR8:3899734	SSF x Far_LoA	-10,219	0,019	0,304
CHR8	3908466	CHR8:3908466	SSF x Far_LoA	-8,480	0,052	0,290
CHR8	3908504	CHR8:3908504	SSF x Far_LoA	-8,252	0,052	0,308
CHR8	3908551	CHR8:3908551	SSF x Far_LoA	-8,771	0,023	0,273
CHR8	3908561	CHR8:3908561	SSF x Far_LoA	-9,046	-0,123	0,273
CHR8	3923570	CHR8:3923570	SSF x Far_LoA	-9,467	-0,095	0,297
CHR8	3938057	CHR8:3938057	SSF x Far_LoA	-12,055	-0,031	0,283
CHR8	3938085	CHR8:3938085	SSF x Far_LoA	-5,703	0,163	0,287
CHR8	3938111	CHR8:3938111	SSF x Far_LoA	-8,499	0,103	0,277
CHR8	3938169	CHR8:3938169	SSF x Far_LoA	-10,170	0,079	0,297
CHR8	3939908	CHR8:3939908	SSF x Far_LoA	-10,229	0,011	0,286
CHR8	3939941	CHR8:3939941	SSF x Far_LoA	-8,052	0,041	0,295
CHR8	3939961	CHR8:3939961	SSF x Far_LoA	-7,779	0,027	0,283
CHR8	3939982	CHR8:3939982	SSF x Far_LoA	-11,447	-0,049	0,282
CHR8	3939998	CHR8:3939998	SSF x Far_LoA	-7,736	-0,025	0,282
CHR8	3940059	CHR8:3940059	SSF x Far_LoA	-8,794	0,016	0,287
CHR8	3948115	CHR8:3948115	SSF x Far_LoA	-11,633	0,068	0,300
CHR8	3948174	CHR8:3948174	SSF x Far_LoA	-9,334	-0,087	0,302
CHR8	3948183	CHR8:3948183	SSF x Far_LoA	-9,749	0,008	0,298
CHR8	3948184	CHR8:3948184	SSF x Far_LoA	-8,503	-0,036	0,292
CHR8	3948228	CHR8:3948228	SSF x Far_LoA	-10,120	0,057	0,288
CHR8	3966830	CHR8:3966830	SSF x Far_LoA	-6,867	0,059	0,271
CHR8	3966850	CHR8:3966850	SSF x Far_LoA	-8,610	0,168	0,288
CHR8	3966955	CHR8:3966955	SSF x Far_LoA	-10,852	-0,006	0,284
CHR8	3969988	CHR8:3969988	SSF x Far_LoA	-3,754	0,034	0,301
CHR8	3970030	CHR8:3970030	SSF x Far_LoA	-8,001	-0,056	0,304
CHR8	3970154	CHR8:3970154	SSF x Far_LoA	-8,084	0,194	0,272
CHR8	3970164	CHR8:3970164	SSF x Far_LoA	-3,766	0,176	0,288
CHR8	3970174	CHR8:3970174	SSF x Far_LoA	-9,174	0,037	0,275
CHR8	3970203	CHR8:3970203	SSF x Far_LoA	-9,784	-0,075	0,289

CHR8	3970295	CHR8:3970295	SSF x Far_LoA	-10,912	0,003	0,301
CHR8	3970458	CHR8:3970458	SSF x Far_LoA	-9,674	-0,059	0,297
CHR8	3975728	CHR8:3975728	SSF x Far_LoA	-6,319	0,189	0,272
CHR8	3976000	CHR8:3976000	SSF x Far_LoA	-5,491	-0,191	0,278
CHR8	3977094	CHR8:3977094	SSF x Far_LoA	-3,319	0,198	0,285
CHR8	3977162	CHR8:3977162	SSF x Far_LoA	-10,138	-0,103	0,299
CHR8	3977176	CHR8:3977176	SSF x Far_LoA	-8,506	-0,105	0,296
CHR8	3977335	CHR8:3977335	SSF x Far_LoA	-8,428	0,017	0,304
CHR8	3977336	CHR8:3977336	SSF x Far_LoA	-9,801	-0,004	0,287
CHR8	4009871	CHR8:4009871	SSF x Far_LoA	-11,347	-0,008	0,286
CHR8	4009931	CHR8:4009931	SSF x Far_LoA	-6,616	0,175	0,283
CHR8	4012093	CHR8:4012093	SSF x Far_LoA	-10,477	-0,103	0,292
CHR8	4012185	CHR8:4012185	SSF x Far_LoA	-9,555	0,051	0,291
CHR8	4012236	CHR8:4012236	SSF x Far_LoA	-10,418	0,035	0,276
CHR8	4015164	CHR8:4015164	SSF x Far_LoA	-4,612	-0,104	0,287
CHR8	4047675	CHR8:4047675	SSF x Far_LoA	-11,191	0,000	0,269
CHR8	4047766	CHR8:4047766	SSF x Far_LoA	-6,363	0,074	0,285
CHR8	4047794	CHR8:4047794	SSF x Far_LoA	-7,798	-0,180	0,303
CHR8	4048830	CHR8:4048830	SSF x Far_LoA	-11,315	0,132	0,278
CHR8	4052966	CHR8:4052966	SSF x Far_LoA	-9,731	0,067	0,294
CHR8	4053164	CHR8:4053164	SSF x Far_LoA	-10,170	0,067	0,289
CHR8	4054981	CHR8:4054981	SSF x Far_LoA	-1,661	0,187	0,277
CHR8	4055054	CHR8:4055054	SSF x Far_LoA	-9,664	-0,043	0,291
CHR8	4057143	CHR8:4057143	SSF x Far_LoA	-7,997	0,101	0,296
CHR8	4057148	CHR8:4057148	SSF x Far_LoA	-8,480	0,057	0,302
CHR8	4057149	CHR8:4057149	SSF x Far_LoA	-6,594	-0,069	0,285
CHR8	4057191	CHR8:4057191	SSF x Far_LoA	-11,358	0,027	0,272
CHR8	4057223	CHR8:4057223	SSF x Far_LoA	-9,978	-0,086	0,290
CHR8	4057379	CHR8:4057379	SSF x Far_LoA	-9,414	-0,019	0,284
CHR8	4057440	CHR8:4057440	SSF x Far_LoA	-11,548	-0,013	0,295
CHR8	4057442	CHR8:4057442	SSF x Far_LoA	-11,885	-0,036	0,294
CHR8	4057496	CHR8:4057496	SSF x Far_LoA	-10,849	-0,020	0,299
CHR8	4092169	CHR8:4092169	SSF x Far_LoA	-11,250	0,023	0,302
CHR8	4092174	CHR8:4092174	SSF x Far_LoA	-11,508	0,021	0,282
CHR8	4092205	CHR8:4092205	SSF x Far_LoA	-8,922	-0,049	0,281
CHR8	4092304	CHR8:4092304	SSF x Far_LoA	-10,577	0,075	0,284
CHR8	4092306	CHR8:4092306	SSF x Far_LoA	-9,544	0,053	0,286
CHR8	4092309	CHR8:4092309	SSF x Far_LoA	-10,296	0,061	0,283
CHR8	4092314	CHR8:4092314	SSF x Far_LoA	-12,071	0,060	0,287
CHR8	4092336	CHR8:4092336	SSF x Far_LoA	-11,898	0,044	0,286
CHR8	4093150	CHR8:4093150	SSF x Far_LoA	-10,886	-0,024	0,298
CHR8	4093868	CHR8:4093868	SSF x Far_LoA	-6,894	0,045	0,289
CHR8	4098252	CHR8:4098252	SSF x Far_LoA	-11,689	0,043	0,285
CHR8	4098269	CHR8:4098269	SSF x Far_LoA	-8,981	0,049	0,286
CHR8	4098481	CHR8:4098481	SSF x Far_LoA	-8,032	-0,031	0,294
CHR8	4098640	CHR8:4098640	SSF x Far_LoA	-9,081	-0,029	0,289
CHR8	4098671	CHR8:4098671	SSF x Far_LoA	-7,020	-0,005	0,304
CHR8	4098687	CHR8:4098687	SSF x Far_LoA	-11,226	-0,081	0,295
CHR8	4098694	CHR8:4098694	SSF x Far_LoA	-8,250	0,064	0,300
CHR8	4098703	CHR8:4098703	SSF x Far_LoA	-6,861	-0,036	0,310
CHR8	4099579	CHR8:4099579	SSF x Far_LoA	-10,046	0,051	0,281
CHR8	4099615	CHR8:4099615	SSF x Far_LoA	-6,503	0,006	0,310
CHR8	4099662	CHR8:4099662	SSF x Far_LoA	-10,382	0,104	0,284

CHR8	4117280	CHR8:4117280	SSF x Far_LoA	-10,438	-0,085	0,290
CHR8	4117284	CHR8:4117284	SSF x Far_LoA	-9,804	-0,078	0,296
CHR8	4117383	CHR8:4117383	SSF x Far_LoA	-7,226	-0,109	0,274
CHR8	4117433	CHR8:4117433	SSF x Far_LoA	-10,112	-0,004	0,285
CHR8	4117509	CHR8:4117509	SSF x Far_LoA	-10,454	0,073	0,291
CHR8	4117551	CHR8:4117551	SSF x Far_LoA	-9,661	0,149	0,281
CHR8	4117596	CHR8:4117596	SSF x Far_LoA	-8,369	0,007	0,305
CHR8	4126333	CHR8:4126333	SSF x Far_LoA	-7,521	-0,020	0,280
CHR8	4126697	CHR8:4126697	SSF x Far_LoA	-10,448	0,113	0,297
CHR8	4128763	CHR8:4128763	SSF x Far_LoA	-7,898	-0,183	0,273
CHR8	4128806	CHR8:4128806	SSF x Far_LoA	-4,082	0,213	0,276
CHR8	4128886	CHR8:4128886	SSF x Far_LoA	-9,262	0,100	0,281
CHR8	4128887	CHR8:4128887	SSF x Far_LoA	-8,517	0,029	0,286
CHR8	4128908	CHR8:4128908	SSF x Far_LoA	-7,800	-0,048	0,294
CHR8	4133085	CHR8:4133085	SSF x Far_LoA	-10,035	-0,050	0,284
CHR8	4133097	CHR8:4133097	SSF x Far_LoA	-7,722	0,042	0,295
CHR8	4133098	CHR8:4133098	SSF x Far_LoA	-8,246	0,042	0,283
CHR8	4133126	CHR8:4133126	SSF x Far_LoA	-6,978	0,036	0,299
CHR8	4133127	CHR8:4133127	SSF x Far_LoA	-8,087	0,021	0,290
CHR8	4133192	CHR8:4133192	SSF x Far_LoA	-8,139	0,004	0,294
CHR8	4133200	CHR8:4133200	SSF x Far_LoA	-8,680	0,007	0,297
CHR8	4133255	CHR8:4133255	SSF x Far_LoA	-7,648	0,107	0,272
CHR8	4133267	CHR8:4133267	SSF x Far_LoA	-9,597	-0,125	0,289
CHR8	4133268	CHR8:4133268	SSF x Far_LoA	-7,702	0,034	0,291
CHR8	4156248	CHR8:4156248	SSF x Far_LoA	-10,286	-0,012	0,282
CHR8	4156331	CHR8:4156331	SSF x Far_LoA	-9,505	0,065	0,293
CHR8	4156386	CHR8:4156386	SSF x Far_LoA	-11,870	0,011	0,287
CHR8	4156440	CHR8:4156440	SSF x Far_LoA	-10,449	-0,046	0,286
CHR8	416671	CHR8:416671	SSF x Far_LoA	-8,769	-0,054	0,296
CHR8	4173794	CHR8:4173794	SSF x Far_LoA	-8,403	-0,097	0,302
CHR8	4180184	CHR8:4180184	SSF x Far_LoA	-8,373	0,048	0,302
CHR8	4180211	CHR8:4180211	SSF x Far_LoA	-11,407	0,019	0,292
CHR8	4180552	CHR8:4180552	SSF x Far_LoA	-7,970	-0,048	0,289
CHR8	4180634	CHR8:4180634	SSF x Far_LoA	-8,811	0,006	0,294
CHR8	4183754	CHR8:4183754	SSF x Far_LoA	-10,604	-0,091	0,285
CHR8	4183769	CHR8:4183769	SSF x Far_LoA	-8,667	-0,048	0,302
CHR8	4190367	CHR8:4190367	SSF x Far_LoA	-5,695	-0,066	0,283
CHR8	4190379	CHR8:4190379	SSF x Far_LoA	-5,238	-0,203	0,292
CHR8	4190415	CHR8:4190415	SSF x Far_LoA	-8,056	0,182	0,277
CHR8	4190420	CHR8:4190420	SSF x Far_LoA	-4,078	-0,074	0,273
CHR8	4190708	CHR8:4190708	SSF x Far_LoA	-9,888	0,000	0,301
CHR8	4200719	CHR8:4200719	SSF x Far_LoA	-9,033	-0,062	0,275
CHR8	4200769	CHR8:4200769	SSF x Far_LoA	-10,771	-0,025	0,294
CHR8	4200913	CHR8:4200913	SSF x Far_LoA	-9,868	-0,007	0,313
CHR8	4200972	CHR8:4200972	SSF x Far_LoA	-10,050	0,082	0,301
CHR8	4200978	CHR8:4200978	SSF x Far_LoA	-5,766	0,117	0,299
CHR8	4200985	CHR8:4200985	SSF x Far_LoA	-11,496	0,046	0,281
CHR8	4229182	CHR8:4229182	SSF x Far_LoA	-8,651	0,028	0,294
CHR8	4238526	CHR8:4238526	SSF x Far_LoA	-9,206	0,140	0,288
CHR8	4238660	CHR8:4238660	SSF x Far_LoA	-7,968	0,040	0,283
CHR8	4238715	CHR8:4238715	SSF x Far_LoA	-8,643	-0,179	0,280
CHR8	4238725	CHR8:4238725	SSF x Far_LoA	-7,702	-0,082	0,299
CHR8	4238728	CHR8:4238728	SSF x Far_LoA	-7,984	-0,099	0,281

CHR8	4238729	CHR8:4238729	SSF x Far_LoA	-8,018	-0,098	0,276
CHR8	4238731	CHR8:4238731	SSF x Far_LoA	-0,789	-0,083	0,280
CHR8	4238885	CHR8:4238885	SSF x Far_LoA	-11,250	0,021	0,286
CHR8	4241962	CHR8:4241962	SSF x Far_LoA	-6,805	0,056	0,296
CHR8	4241974	CHR8:4241974	SSF x Far_LoA	-11,622	0,065	0,288
CHR8	4241980	CHR8:4241980	SSF x Far_LoA	-7,988	0,137	0,271
CHR8	4256466	CHR8:4256466	SSF x Far_LoA	-7,901	-0,120	0,274
CHR8	4256544	CHR8:4256544	SSF x Far_LoA	-7,510	-0,119	0,270
CHR8	4256551	CHR8:4256551	SSF x Far_LoA	-6,186	-0,130	0,280
CHR8	4256557	CHR8:4256557	SSF x Far_LoA	-6,774	-0,128	0,300
CHR8	4256621	CHR8:4256621	SSF x Far_LoA	-6,885	0,069	0,278
CHR8	4256639	CHR8:4256639	SSF x Far_LoA	-8,187	0,017	0,270
CHR8	4256677	CHR8:4256677	SSF x Far_LoA	-8,793	0,029	0,279
CHR8	4264033	CHR8:4264033	SSF x Far_LoA	-6,908	0,007	0,293
CHR8	4264125	CHR8:4264125	SSF x Far_LoA	-9,716	0,113	0,293
CHR8	4264155	CHR8:4264155	SSF x Far_LoA	-9,104	0,084	0,282
CHR8	4265842	CHR8:4265842	SSF x Far_LoA	-0,756	0,092	0,272
CHR8	4265874	CHR8:4265874	SSF x Far_LoA	-10,506	-0,013	0,294
CHR8	4265996	CHR8:4265996	SSF x Far_LoA	-9,361	0,034	0,277
CHR8	4266032	CHR8:4266032	SSF x Far_LoA	-9,619	-0,067	0,287
CHR8	4266059	CHR8:4266059	SSF x Far_LoA	-9,079	-0,016	0,286
CHR8	4266079	CHR8:4266079	SSF x Far_LoA	-8,942	0,029	0,298
CHR8	4266167	CHR8:4266167	SSF x Far_LoA	-8,970	0,078	0,294
CHR8	4278777	CHR8:4278777	SSF x Far_LoA	-9,006	0,056	0,288
CHR8	4278835	CHR8:4278835	SSF x Far_LoA	-9,092	0,103	0,283
CHR8	4293647	CHR8:4293647	SSF x Far_LoA	-11,024	0,058	0,295
CHR8	4293650	CHR8:4293650	SSF x Far_LoA	-8,256	0,061	0,300
CHR8	4293656	CHR8:4293656	SSF x Far_LoA	-10,883	-0,116	0,279
CHR8	4293671	CHR8:4293671	SSF x Far_LoA	-7,084	-0,017	0,293
CHR8	4293677	CHR8:4293677	SSF x Far_LoA	-9,868	-0,119	0,286
CHR8	4293695	CHR8:4293695	SSF x Far_LoA	-11,091	0,062	0,298
CHR8	4293740	CHR8:4293740	SSF x Far_LoA	-4,221	-0,171	0,280
CHR8	4293793	CHR8:4293793	SSF x Far_LoA	-0,807	0,232	0,273
CHR8	4298894	CHR8:4298894	SSF x Far_LoA	-7,823	-0,156	0,288
CHR8	4310592	CHR8:4310592	SSF x Far_LoA	-9,612	0,023	0,294
CHR8	4310724	CHR8:4310724	SSF x Far_LoA	-9,197	0,006	0,296
CHR8	4315107	CHR8:4315107	SSF x Far_LoA	-10,205	0,048	0,292
CHR8	4315159	CHR8:4315159	SSF x Far_LoA	-8,221	0,005	0,302
CHR8	4319583	CHR8:4319583	SSF x Far_LoA	-6,636	-0,077	0,287
CHR8	4319666	CHR8:4319666	SSF x Far_LoA	-8,157	-0,010	0,302
CHR8	4319671	CHR8:4319671	SSF x Far_LoA	-10,413	-0,025	0,300
CHR8	4319713	CHR8:4319713	SSF x Far_LoA	-9,576	0,054	0,292
CHR8	4320975	CHR8:4320975	SSF x Far_LoA	-9,640	0,004	0,296
CHR8	4321124	CHR8:4321124	SSF x Far_LoA	-9,955	0,019	0,291
CHR8	4321202	CHR8:4321202	SSF x Far_LoA	7,118	-0,061	0,294
CHR8	4342840	CHR8:4342840	SSF x Far_LoA	-10,900	-0,085	0,293
CHR8	4342996	CHR8:4342996	SSF x Far_LoA	-9,609	0,101	0,291
CHR8	4343134	CHR8:4343134	SSF x Far_LoA	-8,430	0,134	0,276
CHR8	4344151	CHR8:4344151	SSF x Far_LoA	-9,691	-0,049	0,286
CHR8	4346383	CHR8:4346383	SSF x Far_LoA	-7,281	0,196	0,292
CHR8	4346399	CHR8:4346399	SSF x Far_LoA	-7,481	0,032	0,296
CHR8	4353489	CHR8:4353489	SSF x Far_LoA	-11,476	-0,064	0,290
CHR8	4353762	CHR8:4353762	SSF x Far_LoA	-5,126	0,070	0,282

CHR8	4355710	CHR8:4355710	SSF x Far_LoA	-7,736	-0,078	0,304
CHR8	4355737	CHR8:4355737	SSF x Far_LoA	-8,951	-0,154	0,274
CHR8	4363017	CHR8:4363017	SSF x Far_LoA	-8,392	0,001	0,297
CHR8	4363019	CHR8:4363019	SSF x Far_LoA	-8,272	-0,067	0,300
CHR8	4363036	CHR8:4363036	SSF x Far_LoA	-8,315	-0,110	0,281
CHR8	4363119	CHR8:4363119	SSF x Far_LoA	-8,189	-0,026	0,296
CHR8	4363143	CHR8:4363143	SSF x Far_LoA	-8,931	0,014	0,289
CHR8	4363191	CHR8:4363191	SSF x Far_LoA	-10,182	-0,067	0,285
CHR8	4363210	CHR8:4363210	SSF x Far_LoA	-9,264	0,126	0,284
CHR8	4366326	CHR8:4366326	SSF x Far_LoA	-9,640	-0,063	0,277
CHR8	4366345	CHR8:4366345	SSF x Far_LoA	-9,076	0,079	0,288
CHR8	4366357	CHR8:4366357	SSF x Far_LoA	-10,021	-0,069	0,285
CHR8	4366376	CHR8:4366376	SSF x Far_LoA	-9,280	-0,089	0,285
CHR8	4366480	CHR8:4366480	SSF x Far_LoA	-9,593	-0,082	0,279
CHR8	4379228	CHR8:4379228	SSF x Far_LoA	-10,455	0,044	0,299
CHR8	4379249	CHR8:4379249	SSF x Far_LoA	-8,935	0,044	0,296
CHR8	4379264	CHR8:4379264	SSF x Far_LoA	-10,918	0,028	0,303
CHR8	4379385	CHR8:4379385	SSF x Far_LoA	-8,337	-0,032	0,296
CHR8	4393332	CHR8:4393332	SSF x Far_LoA	-10,928	0,018	0,298
CHR8	4393334	CHR8:4393334	SSF x Far_LoA	-8,029	0,025	0,297
CHR8	4393348	CHR8:4393348	SSF x Far_LoA	-11,385	0,032	0,281
CHR8	4393579	CHR8:4393579	SSF x Far_LoA	-8,025	-0,130	0,279
CHR8	4393583	CHR8:4393583	SSF x Far_LoA	-10,493	-0,103	0,294
CHR8	4393593	CHR8:4393593	SSF x Far_LoA	-7,792	-0,156	0,269
CHR8	4393600	CHR8:4393600	SSF x Far_LoA	6,681	0,005	0,295
CHR8	4404057	CHR8:4404057	SSF x Far_LoA	-9,264	0,014	0,289
CHR8	4407389	CHR8:4407389	SSF x Far_LoA	-5,927	-0,122	0,300
CHR8	4407420	CHR8:4407420	SSF x Far_LoA	-5,302	0,048	0,302
CHR8	4407443	CHR8:4407443	SSF x Far_LoA	-8,768	-0,004	0,294
CHR8	4407547	CHR8:4407547	SSF x Far_LoA	-9,975	-0,130	0,280
CHR8	4430301	CHR8:4430301	SSF x Far_LoA	-10,862	0,016	0,301
CHR8	443303	CHR8:443303	SSF x Far_LoA	-6,863	-0,064	0,294
CHR8	443330	CHR8:443330	SSF x Far_LoA	-9,776	-0,059	0,291
CHR8	4444760	CHR8:4444760	SSF x Far_LoA	-9,548	-0,034	0,287
CHR8	444925	CHR8:444925	SSF x Far_LoA	-9,652	0,122	0,291
CHR8	4456752	CHR8:4456752	SSF x Far_LoA	-6,586	-0,106	0,279
CHR8	4467719	CHR8:4467719	SSF x Far_LoA	-9,298	-0,012	0,300
CHR8	4467829	CHR8:4467829	SSF x Far_LoA	-8,642	0,026	0,300
CHR8	4467882	CHR8:4467882	SSF x Far_LoA	-7,807	0,088	0,300
CHR8	4468074	CHR8:4468074	SSF x Far_LoA	-9,488	0,114	0,273
CHR8	4484644	CHR8:4484644	SSF x Far_LoA	-9,499	0,143	0,278
CHR8	4484645	CHR8:4484645	SSF x Far_LoA	-5,197	0,140	0,298
CHR8	4484646	CHR8:4484646	SSF x Far_LoA	-9,366	0,096	0,292
CHR8	4495391	CHR8:4495391	SSF x Far_LoA	-9,526	-0,044	0,299
CHR8	4495446	CHR8:4495446	SSF x Far_LoA	-11,663	-0,032	0,288
CHR8	4495451	CHR8:4495451	SSF x Far_LoA	-8,853	0,147	0,289
CHR8	4495543	CHR8:4495543	SSF x Far_LoA	-9,394	0,101	0,294
CHR8	4495585	CHR8:4495585	SSF x Far_LoA	-10,815	0,025	0,286
CHR8	4522196	CHR8:4522196	SSF x Far_LoA	-5,349	0,078	0,291
CHR8	4522213	CHR8:4522213	SSF x Far_LoA	-10,298	-0,001	0,314
CHR8	4522223	CHR8:4522223	SSF x Far_LoA	-9,380	0,017	0,273
CHR8	4522248	CHR8:4522248	SSF x Far_LoA	-9,548	0,002	0,283
CHR8	4522269	CHR8:4522269	SSF x Far_LoA	-1,958	0,173	0,282

CHR8	4522273	CHR8:4522273	SSF x Far_LoA	-10,422	0,018	0,297
CHR8	4522311	CHR8:4522311	SSF x Far_LoA	-11,659	-0,028	0,279
CHR8	4522351	CHR8:4522351	SSF x Far_LoA	-10,450	0,035	0,289
CHR8	4522497	CHR8:4522497	SSF x Far_LoA	-9,352	-0,012	0,296
CHR8	4533634	CHR8:4533634	SSF x Far_LoA	-10,828	-0,009	0,290
CHR8	4541796	CHR8:4541796	SSF x Far_LoA	-6,914	-0,062	0,294
CHR8	4553920	CHR8:4553920	SSF x Far_LoA	-9,050	0,012	0,300
CHR8	4553972	CHR8:4553972	SSF x Far_LoA	-11,043	-0,072	0,293
CHR8	4553984	CHR8:4553984	SSF x Far_LoA	-11,558	-0,059	0,285
CHR8	4554080	CHR8:4554080	SSF x Far_LoA	-9,265	-0,003	0,292
CHR8	461048	CHR8:461048	SSF x Far_LoA	-7,344	-0,058	0,309
CHR8	461186	CHR8:461186	SSF x Far_LoA	-6,354	0,137	0,280
CHR8	4613183	CHR8:4613183	SSF x Far_LoA	-9,083	0,003	0,304
CHR8	4630454	CHR8:4630454	SSF x Far_LoA	-10,353	-0,004	0,293
CHR8	4630534	CHR8:4630534	SSF x Far_LoA	-10,236	-0,038	0,306
CHR8	4630539	CHR8:4630539	SSF x Far_LoA	-10,431	-0,070	0,290
CHR8	4630540	CHR8:4630540	SSF x Far_LoA	-9,682	-0,028	0,320
CHR8	4630580	CHR8:4630580	SSF x Far_LoA	-8,445	-0,046	0,311
CHR8	4632667	CHR8:4632667	SSF x Far_LoA	-8,905	-0,042	0,290
CHR8	4632675	CHR8:4632675	SSF x Far_LoA	-5,896	-0,003	0,293
CHR8	4644990	CHR8:4644990	SSF x Far_LoA	-4,286	0,194	0,282
CHR8	4645011	CHR8:4645011	SSF x Far_LoA	-7,312	0,213	0,261
CHR8	4686360	CHR8:4686360	SSF x Far_LoA	-7,648	0,061	0,288
CHR8	4693407	CHR8:4693407	SSF x Far_LoA	-10,148	0,026	0,293
CHR8	4693458	CHR8:4693458	SSF x Far_LoA	-9,344	-0,023	0,287
CHR8	4693499	CHR8:4693499	SSF x Far_LoA	-1,599	0,257	0,265
CHR8	4693562	CHR8:4693562	SSF x Far_LoA	-9,827	-0,039	0,286
CHR8	4693577	CHR8:4693577	SSF x Far_LoA	-10,137	-0,051	0,285
CHR8	4693587	CHR8:4693587	SSF x Far_LoA	-8,761	-0,078	0,295
CHR8	4711979	CHR8:4711979	SSF x Far_LoA	-10,008	0,020	0,299
CHR8	4712004	CHR8:4712004	SSF x Far_LoA	-9,209	-0,001	0,295
CHR8	4712148	CHR8:4712148	SSF x Far_LoA	-7,467	0,017	0,299
CHR8	4712178	CHR8:4712178	SSF x Far_LoA	-7,115	-0,089	0,284
CHR8	4712180	CHR8:4712180	SSF x Far_LoA	-10,285	-0,004	0,291
CHR8	4712189	CHR8:4712189	SSF x Far_LoA	-10,003	-0,006	0,296
CHR8	4712208	CHR8:4712208	SSF x Far_LoA	-11,579	0,026	0,275
CHR8	4712217	CHR8:4712217	SSF x Far_LoA	-8,824	0,031	0,255
CHR8	4712229	CHR8:4712229	SSF x Far_LoA	-8,448	0,038	0,263
CHR8	4712255	CHR8:4712255	SSF x Far_LoA	-6,403	-0,029	0,273
CHR8	4731847	CHR8:4731847	SSF x Far_LoA	-6,976	0,101	0,294
CHR8	4733062	CHR8:4733062	SSF x Far_LoA	-8,785	0,136	0,283
CHR8	4733154	CHR8:4733154	SSF x Far_LoA	-8,653	0,081	0,290
CHR8	4734140	CHR8:4734140	SSF x Far_LoA	-11,369	0,020	0,292
CHR8	4734149	CHR8:4734149	SSF x Far_LoA	-9,927	-0,064	0,296
CHR8	4734203	CHR8:4734203	SSF x Far_LoA	-8,608	0,014	0,288
CHR8	4735373	CHR8:4735373	SSF x Far_LoA	-10,835	0,044	0,285
CHR8	4760908	CHR8:4760908	SSF x Far_LoA	-11,714	0,076	0,293
CHR8	4760962	CHR8:4760962	SSF x Far_LoA	-9,846	0,032	0,303
CHR8	4767289	CHR8:4767289	SSF x Far_LoA	-5,035	-0,157	0,296
CHR8	4768573	CHR8:4768573	SSF x Far_LoA	-10,183	0,093	0,291
CHR8	4768618	CHR8:4768618	SSF x Far_LoA	-5,515	-0,046	0,308
CHR8	4768628	CHR8:4768628	SSF x Far_LoA	-8,100	-0,086	0,306
CHR8	4770640	CHR8:4770640	SSF x Far_LoA	-10,291	-0,037	0,300

CHR8	4771478	CHR8:4771478	SSF x Far_LoA	-8,262	-0,031	0,293
CHR8	4772102	CHR8:4772102	SSF x Far_LoA	-10,644	0,038	0,285
CHR8	4786180	CHR8:4786180	SSF x Far_LoA	-11,057	-0,060	0,293
CHR8	4786314	CHR8:4786314	SSF x Far_LoA	-10,623	0,015	0,288
CHR8	4786383	CHR8:4786383	SSF x Far_LoA	-2,386	0,047	0,282
CHR8	4786388	CHR8:4786388	SSF x Far_LoA	-9,231	0,025	0,291
CHR8	479008	CHR8:479008	SSF x Far_LoA	-8,118	0,051	0,295
CHR8	479020	CHR8:479020	SSF x Far_LoA	-4,087	0,037	0,292
CHR8	479127	CHR8:479127	SSF x Far_LoA	-8,722	-0,094	0,287
CHR8	4796595	CHR8:4796595	SSF x Far_LoA	-7,826	-0,049	0,290
CHR8	4796673	CHR8:4796673	SSF x Far_LoA	-10,233	0,013	0,294
CHR8	4796728	CHR8:4796728	SSF x Far_LoA	-9,582	-0,046	0,288
CHR8	4796802	CHR8:4796802	SSF x Far_LoA	-6,512	0,083	0,292
CHR8	4802400	CHR8:4802400	SSF x Far_LoA	-8,779	-0,078	0,300
CHR8	4802406	CHR8:4802406	SSF x Far_LoA	-9,379	-0,039	0,297
CHR8	4802443	CHR8:4802443	SSF x Far_LoA	-7,773	0,172	0,296
CHR8	4802447	CHR8:4802447	SSF x Far_LoA	-9,964	0,119	0,277
CHR8	4802480	CHR8:4802480	SSF x Far_LoA	-8,589	-0,099	0,290
CHR8	4802608	CHR8:4802608	SSF x Far_LoA	-6,955	-0,013	0,282
CHR8	4802619	CHR8:4802619	SSF x Far_LoA	-8,206	0,027	0,288
CHR8	4802678	CHR8:4802678	SSF x Far_LoA	-6,026	0,010	0,308
CHR8	4824386	CHR8:4824386	SSF x Far_LoA	-10,102	-0,050	0,289
CHR8	4824548	CHR8:4824548	SSF x Far_LoA	-9,954	0,009	0,289
CHR8	4831356	CHR8:4831356	SSF x Far_LoA	-8,805	0,080	0,294
CHR8	4837161	CHR8:4837161	SSF x Far_LoA	-10,118	0,071	0,293
CHR8	4837176	CHR8:4837176	SSF x Far_LoA	-8,700	-0,008	0,286
CHR8	4837638	CHR8:4837638	SSF x Far_LoA	-8,071	-0,014	0,283
CHR8	4865979	CHR8:4865979	SSF x Far_LoA	-10,583	-0,039	0,290
CHR8	4866005	CHR8:4866005	SSF x Far_LoA	-9,322	0,016	0,293
CHR8	4866042	CHR8:4866042	SSF x Far_LoA	-9,323	0,115	0,284
CHR8	4866076	CHR8:4866076	SSF x Far_LoA	-3,951	-0,004	0,290
CHR8	4866082	CHR8:4866082	SSF x Far_LoA	-9,102	-0,102	0,299
CHR8	4868010	CHR8:4868010	SSF x Far_LoA	-8,788	0,127	0,299
CHR8	4868098	CHR8:4868098	SSF x Far_LoA	-10,625	-0,013	0,293
CHR8	4868099	CHR8:4868099	SSF x Far_LoA	-10,381	-0,011	0,284
CHR8	4868117	CHR8:4868117	SSF x Far_LoA	-11,007	0,024	0,296
CHR8	4873021	CHR8:4873021	SSF x Far_LoA	-11,781	-0,034	0,289
CHR8	4878033	CHR8:4878033	SSF x Far_LoA	-7,894	0,069	0,302
CHR8	4886898	CHR8:4886898	SSF x Far_LoA	-9,977	-0,014	0,286
CHR8	4894135	CHR8:4894135	SSF x Far_LoA	-11,872	0,088	0,272
CHR8	4900522	CHR8:4900522	SSF x Far_LoA	-10,136	-0,116	0,292
CHR8	4900639	CHR8:4900639	SSF x Far_LoA	-8,564	0,031	0,294
CHR8	4900645	CHR8:4900645	SSF x Far_LoA	-10,088	0,059	0,293
CHR8	4900651	CHR8:4900651	SSF x Far_LoA	-8,534	0,057	0,306
CHR8	4900656	CHR8:4900656	SSF x Far_LoA	-9,981	0,068	0,295
CHR8	4900680	CHR8:4900680	SSF x Far_LoA	-9,175	-0,116	0,294
CHR8	4900720	CHR8:4900720	SSF x Far_LoA	-9,527	0,028	0,297
CHR8	4903148	CHR8:4903148	SSF x Far_LoA	-6,636	-0,130	0,293
CHR8	4909925	CHR8:4909925	SSF x Far_LoA	-10,892	-0,036	0,288
CHR8	4909938	CHR8:4909938	SSF x Far_LoA	-10,218	-0,008	0,292
CHR8	4909986	CHR8:4909986	SSF x Far_LoA	-9,541	0,073	0,306
CHR8	4910756	CHR8:4910756	SSF x Far_LoA	-8,121	0,049	0,273
CHR8	4910944	CHR8:4910944	SSF x Far_LoA	-7,206	0,079	0,292

CHR8	4916538	CHR8:4916538	SSF x Far_LoA	-7,548	-0,081	0,302
CHR8	4916602	CHR8:4916602	SSF x Far_LoA	-8,076	-0,101	0,292
CHR8	4916692	CHR8:4916692	SSF x Far_LoA	-11,301	0,024	0,275
CHR8	4929729	CHR8:4929729	SSF x Far_LoA	-8,822	-0,016	0,287
CHR8	4929779	CHR8:4929779	SSF x Far_LoA	-11,515	-0,033	0,288
CHR8	4929878	CHR8:4929878	SSF x Far_LoA	-9,962	-0,078	0,284
CHR8	4936340	CHR8:4936340	SSF x Far_LoA	-7,866	-0,086	0,294
CHR8	4936357	CHR8:4936357	SSF x Far_LoA	-10,498	-0,143	0,281
CHR8	4936381	CHR8:4936381	SSF x Far_LoA	-11,075	-0,037	0,294
CHR8	4936430	CHR8:4936430	SSF x Far_LoA	-4,668	0,163	0,294
CHR8	4938477	CHR8:4938477	SSF x Far_LoA	-11,950	-0,042	0,280
CHR8	4938549	CHR8:4938549	SSF x Far_LoA	-7,871	0,065	0,288
CHR8	4938627	CHR8:4938627	SSF x Far_LoA	-9,032	0,061	0,281
CHR8	4961288	CHR8:4961288	SSF x Far_LoA	-10,976	-0,001	0,282
CHR8	4962841	CHR8:4962841	SSF x Far_LoA	-11,436	0,031	0,284
CHR8	496366	CHR8:496366	SSF x Far_LoA	-9,153	0,042	0,287
CHR8	4966590	CHR8:4966590	SSF x Far_LoA	-8,772	-0,092	0,292
CHR8	4966623	CHR8:4966623	SSF x Far_LoA	-11,063	0,115	0,287
CHR8	4966641	CHR8:4966641	SSF x Far_LoA	-6,690	-0,026	0,299
CHR8	4988065	CHR8:4988065	SSF x Far_LoA	-7,797	-0,098	0,291
CHR8	4988176	CHR8:4988176	SSF x Far_LoA	-12,436	0,068	0,284
CHR8	4988351	CHR8:4988351	SSF x Far_LoA	-8,880	-0,076	0,279
CHR8	5001829	CHR8:5001829	SSF x Far_LoA	-8,580	0,050	0,297
CHR8	5023812	CHR8:5023812	SSF x Far_LoA	-8,721	0,031	0,290
CHR8	5025286	CHR8:5025286	SSF x Far_LoA	-7,542	-0,095	0,275
CHR8	5025459	CHR8:5025459	SSF x Far_LoA	-11,570	-0,051	0,289
CHR8	5032735	CHR8:5032735	SSF x Far_LoA	-8,338	-0,108	0,278
CHR8	5032817	CHR8:5032817	SSF x Far_LoA	-9,156	-0,079	0,286
CHR8	5032825	CHR8:5032825	SSF x Far_LoA	-9,448	-0,088	0,279
CHR8	5037324	CHR8:5037324	SSF x Far_LoA	-9,337	-0,108	0,290
CHR8	5037414	CHR8:5037414	SSF x Far_LoA	-11,645	0,022	0,276
CHR8	5037471	CHR8:5037471	SSF x Far_LoA	-8,765	-0,168	0,285
CHR8	5037507	CHR8:5037507	SSF x Far_LoA	-9,535	0,059	0,271
CHR8	5037551	CHR8:5037551	SSF x Far_LoA	-4,420	-0,106	0,298
CHR8	5037697	CHR8:5037697	SSF x Far_LoA	-9,827	-0,092	0,289
CHR8	505589	CHR8:505589	SSF x Far_LoA	-11,498	0,000	0,285
CHR8	5074300	CHR8:5074300	SSF x Far_LoA	-9,421	-0,039	0,281
CHR8	5086193	CHR8:5086193	SSF x Far_LoA	-8,566	0,088	0,294
CHR8	5110121	CHR8:5110121	SSF x Far_LoA	-6,557	-0,060	0,291
CHR8	5110243	CHR8:5110243	SSF x Far_LoA	-8,806	-0,024	0,301
CHR8	5110325	CHR8:5110325	SSF x Far_LoA	-9,540	-0,047	0,276
CHR8	5115057	CHR8:5115057	SSF x Far_LoA	-10,879	0,010	0,289
CHR8	5115089	CHR8:5115089	SSF x Far_LoA	-10,597	-0,014	0,301
CHR8	5117624	CHR8:5117624	SSF x Far_LoA	-10,138	-0,128	0,286
CHR8	5117626	CHR8:5117626	SSF x Far_LoA	-8,461	0,122	0,303
CHR8	5117748	CHR8:5117748	SSF x Far_LoA	-10,410	0,033	0,298
CHR8	511861	CHR8:511861	SSF x Far_LoA	-6,748	0,196	0,281
CHR8	511961	CHR8:511961	SSF x Far_LoA	-8,327	0,151	0,291
CHR8	5152937	CHR8:5152937	SSF x Far_LoA	-8,649	0,052	0,289
CHR8	5155819	CHR8:5155819	SSF x Far_LoA	-8,557	0,077	0,277
CHR8	5219944	CHR8:5219944	SSF x Far_LoA	-10,399	-0,032	0,288
CHR8	5263032	CHR8:5263032	SSF x Far_LoA	-8,522	-0,084	0,286
CHR8	5309238	CHR8:5309238	SSF x Far_LoA	-7,359	-0,009	0,294

CHR8	5309247	CHR8:5309247	SSF x Far_LoA	-10,910	-0,035	0,291
CHR8	5309248	CHR8:5309248	SSF x Far_LoA	-9,767	-0,025	0,286
CHR8	5309258	CHR8:5309258	SSF x Far_LoA	-9,883	0,077	0,279
CHR8	5309291	CHR8:5309291	SSF x Far_LoA	-8,623	-0,057	0,297
CHR8	5336254	CHR8:5336254	SSF x Far_LoA	-8,695	-0,053	0,296
CHR8	5336303	CHR8:5336303	SSF x Far_LoA	-8,125	-0,015	0,286
CHR8	5355500	CHR8:5355500	SSF x Far_LoA	-8,946	-0,072	0,289
CHR8	5355692	CHR8:5355692	SSF x Far_LoA	-8,905	-0,002	0,290
CHR8	5400321	CHR8:5400321	SSF x Far_LoA	-8,927	-0,015	0,285
CHR8	5400347	CHR8:5400347	SSF x Far_LoA	-12,144	-0,002	0,285
CHR8	5423963	CHR8:5423963	SSF x Far_LoA	-9,526	0,139	0,283
CHR8	5423964	CHR8:5423964	SSF x Far_LoA	-7,170	0,123	0,280
CHR8	5424027	CHR8:5424027	SSF x Far_LoA	-8,608	0,096	0,283
CHR8	5454611	CHR8:5454611	SSF x Far_LoA	-8,916	0,048	0,284
CHR8	5454668	CHR8:5454668	SSF x Far_LoA	-8,975	0,034	0,306
CHR8	5458914	CHR8:5458914	SSF x Far_LoA	-8,053	0,091	0,294
CHR8	5471064	CHR8:5471064	SSF x Far_LoA	-9,310	0,057	0,295
CHR8	5471106	CHR8:5471106	SSF x Far_LoA	-5,392	-0,137	0,283
CHR8	5471329	CHR8:5471329	SSF x Far_LoA	-10,505	-0,049	0,294
CHR8	5481580	CHR8:5481580	SSF x Far_LoA	-5,705	-0,247	0,276
CHR8	5481600	CHR8:5481600	SSF x Far_LoA	-10,910	0,025	0,279
CHR8	5482986	CHR8:5482986	SSF x Far_LoA	-9,161	0,073	0,279
CHR8	5483082	CHR8:5483082	SSF x Far_LoA	-8,802	0,029	0,313
CHR8	5483097	CHR8:5483097	SSF x Far_LoA	-10,705	-0,043	0,292
CHR8	5483127	CHR8:5483127	SSF x Far_LoA	-3,982	-0,010	0,280
CHR8	5483146	CHR8:5483146	SSF x Far_LoA	-7,218	-0,171	0,297
CHR8	5483155	CHR8:5483155	SSF x Far_LoA	-8,795	0,048	0,286
CHR8	5483219	CHR8:5483219	SSF x Far_LoA	-7,498	0,031	0,298
CHR8	5484144	CHR8:5484144	SSF x Far_LoA	-8,623	-0,088	0,290
CHR8	5484350	CHR8:5484350	SSF x Far_LoA	-11,096	-0,001	0,277
CHR8	5495413	CHR8:5495413	SSF x Far_LoA	-9,289	-0,030	0,284
CHR8	5495476	CHR8:5495476	SSF x Far_LoA	-7,239	-0,138	0,301
CHR8	5495489	CHR8:5495489	SSF x Far_LoA	-3,753	-0,005	0,301
CHR8	5495499	CHR8:5495499	SSF x Far_LoA	-7,776	-0,099	0,280
CHR8	5503340	CHR8:5503340	SSF x Far_LoA	-7,324	0,139	0,282
CHR8	5503344	CHR8:5503344	SSF x Far_LoA	-10,077	-0,045	0,291
CHR8	5526048	CHR8:5526048	SSF x Far_LoA	-11,348	-0,017	0,289
CHR8	5526144	CHR8:5526144	SSF x Far_LoA	-8,928	0,096	0,303
CHR8	5526152	CHR8:5526152	SSF x Far_LoA	-11,935	-0,019	0,284
CHR8	5526215	CHR8:5526215	SSF x Far_LoA	-9,249	-0,038	0,288
CHR8	5531030	CHR8:5531030	SSF x Far_LoA	-9,321	-0,086	0,285
CHR8	5539426	CHR8:5539426	SSF x Far_LoA	-3,735	0,109	0,280
CHR8	5539430	CHR8:5539430	SSF x Far_LoA	-8,031	0,067	0,294
CHR8	5539479	CHR8:5539479	SSF x Far_LoA	-9,806	-0,054	0,286
CHR8	5539497	CHR8:5539497	SSF x Far_LoA	-8,520	-0,091	0,283
CHR8	5544842	CHR8:5544842	SSF x Far_LoA	13,746	-0,143	0,288
CHR8	5564298	CHR8:5564298	SSF x Far_LoA	-9,840	-0,004	0,305
CHR8	5574806	CHR8:5574806	SSF x Far_LoA	-5,943	0,134	0,291
CHR8	5574808	CHR8:5574808	SSF x Far_LoA	-6,777	0,048	0,286
CHR8	5576878	CHR8:5576878	SSF x Far_LoA	-11,403	0,044	0,291
CHR8	5576892	CHR8:5576892	SSF x Far_LoA	-6,132	-0,126	0,290
CHR8	5583361	CHR8:5583361	SSF x Far_LoA	-10,185	-0,097	0,275
CHR8	5583385	CHR8:5583385	SSF x Far_LoA	-9,319	-0,088	0,279

CHR8	5585556	CHR8:5585556	SSF x Far_LoA	-7,172	0,124	0,292
CHR8	5585558	CHR8:5585558	SSF x Far_LoA	-7,473	-0,128	0,284
CHR8	5585574	CHR8:5585574	SSF x Far_LoA	-3,485	-0,210	0,293
CHR8	5585575	CHR8:5585575	SSF x Far_LoA	-11,090	-0,009	0,286
CHR8	5591440	CHR8:5591440	SSF x Far_LoA	-7,230	-0,078	0,305
CHR8	5597384	CHR8:5597384	SSF x Far_LoA	-8,399	-0,069	0,295
CHR8	5597433	CHR8:5597433	SSF x Far_LoA	-6,300	0,238	0,279
CHR8	5597440	CHR8:5597440	SSF x Far_LoA	-6,840	0,093	0,291
CHR8	5597581	CHR8:5597581	SSF x Far_LoA	-7,467	0,102	0,271
CHR8	5598581	CHR8:5598581	SSF x Far_LoA	-9,859	-0,028	0,288
CHR8	5598652	CHR8:5598652	SSF x Far_LoA	-8,826	-0,144	0,286
CHR8	5601792	CHR8:5601792	SSF x Far_LoA	-10,764	-0,094	0,285
CHR8	5602369	CHR8:5602369	SSF x Far_LoA	-8,772	-0,029	0,290
CHR8	5626095	CHR8:5626095	SSF x Far_LoA	-10,166	-0,038	0,293
CHR8	5626196	CHR8:5626196	SSF x Far_LoA	-9,086	-0,125	0,293
CHR8	5626199	CHR8:5626199	SSF x Far_LoA	-9,909	-0,152	0,281
CHR8	5627839	CHR8:5627839	SSF x Far_LoA	-6,349	-0,096	0,284
CHR8	5627929	CHR8:5627929	SSF x Far_LoA	-8,973	-0,017	0,282
CHR8	5633953	CHR8:5633953	SSF x Far_LoA	-10,696	-0,111	0,289
CHR8	5637219	CHR8:5637219	SSF x Far_LoA	-8,091	-0,028	0,273
CHR8	5653250	CHR8:5653250	SSF x Far_LoA	-6,733	0,077	0,301
CHR8	5653314	CHR8:5653314	SSF x Far_LoA	-8,205	0,002	0,299
CHR8	5653492	CHR8:5653492	SSF x Far_LoA	-7,474	-0,156	0,282
CHR8	5659846	CHR8:5659846	SSF x Far_LoA	-10,056	-0,011	0,293
CHR8	5659851	CHR8:5659851	SSF x Far_LoA	-10,246	0,077	0,289
CHR8	5659944	CHR8:5659944	SSF x Far_LoA	-9,622	-0,022	0,312
CHR8	5659961	CHR8:5659961	SSF x Far_LoA	-9,422	0,034	0,294
CHR8	5659978	CHR8:5659978	SSF x Far_LoA	-9,073	0,002	0,292
CHR8	566685	CHR8:566685	SSF x Far_LoA	-9,335	-0,036	0,304
CHR8	566752	CHR8:566752	SSF x Far_LoA	-9,376	-0,007	0,310
CHR8	5679584	CHR8:5679584	SSF x Far_LoA	-10,930	0,020	0,300
CHR8	5679600	CHR8:5679600	SSF x Far_LoA	-10,912	-0,028	0,300
CHR8	5679700	CHR8:5679700	SSF x Far_LoA	-6,585	-0,045	0,295
CHR8	5679738	CHR8:5679738	SSF x Far_LoA	-9,813	0,018	0,291
CHR8	5679754	CHR8:5679754	SSF x Far_LoA	-9,009	0,113	0,285
CHR8	5679806	CHR8:5679806	SSF x Far_LoA	-8,476	0,034	0,284
CHR8	5679951	CHR8:5679951	SSF x Far_LoA	-8,603	-0,100	0,292
CHR8	5691285	CHR8:5691285	SSF x Far_LoA	-8,868	0,137	0,275
CHR8	5692731	CHR8:5692731	SSF x Far_LoA	-8,541	0,060	0,276
CHR8	5692814	CHR8:5692814	SSF x Far_LoA	-7,370	-0,134	0,293
CHR8	5692821	CHR8:5692821	SSF x Far_LoA	-6,828	-0,166	0,282
CHR8	5702489	CHR8:5702489	SSF x Far_LoA	-8,768	0,103	0,299
CHR8	5702490	CHR8:5702490	SSF x Far_LoA	0,826	-0,167	0,281
CHR8	5702530	CHR8:5702530	SSF x Far_LoA	-10,661	-0,033	0,279
CHR8	5702591	CHR8:5702591	SSF x Far_LoA	-7,146	0,070	0,293
CHR8	5702690	CHR8:5702690	SSF x Far_LoA	-5,303	-0,095	0,292
CHR8	5702706	CHR8:5702706	SSF x Far_LoA	-8,493	-0,106	0,298
CHR8	5702716	CHR8:5702716	SSF x Far_LoA	-8,194	-0,104	0,290
CHR8	571259	CHR8:571259	SSF x Far_LoA	-10,793	-0,064	0,293
CHR8	5716063	CHR8:5716063	SSF x Far_LoA	-4,784	0,167	0,275
CHR8	5716141	CHR8:5716141	SSF x Far_LoA	-7,588	0,133	0,269
CHR8	5716157	CHR8:5716157	SSF x Far_LoA	-5,423	0,161	0,294
CHR8	5839387	CHR8:5839387	SSF x Far_LoA	-4,877	0,144	0,293

CHR8	5839460	CHR8:5839460	SSF x Far_LoA	-10,684	0,010	0,294
CHR8	5840761	CHR8:5840761	SSF x Far_LoA	-7,777	0,099	0,285
CHR8	5840772	CHR8:5840772	SSF x Far_LoA	-5,876	-0,023	0,291
CHR8	5873616	CHR8:5873616	SSF x Far_LoA	-9,215	-0,039	0,296
CHR8	5878946	CHR8:5878946	SSF x Far_LoA	-7,633	0,013	0,309
CHR8	5893140	CHR8:5893140	SSF x Far_LoA	-10,764	-0,022	0,294
CHR8	5893152	CHR8:5893152	SSF x Far_LoA	-7,264	0,064	0,295
CHR8	5893285	CHR8:5893285	SSF x Far_LoA	-7,847	0,138	0,284
CHR8	5893483	CHR8:5893483	SSF x Far_LoA	-11,503	0,056	0,288
CHR8	5893485	CHR8:5893485	SSF x Far_LoA	-10,819	0,070	0,286
CHR8	5893554	CHR8:5893554	SSF x Far_LoA	-9,582	0,065	0,296
CHR8	5907577	CHR8:5907577	SSF x Far_LoA	-11,942	0,023	0,276
CHR8	5907599	CHR8:5907599	SSF x Far_LoA	-9,693	-0,004	0,291
CHR8	5907625	CHR8:5907625	SSF x Far_LoA	-8,737	-0,029	0,294
CHR8	5907899	CHR8:5907899	SSF x Far_LoA	-10,813	0,049	0,296
CHR8	5927741	CHR8:5927741	SSF x Far_LoA	-10,736	-0,117	0,280
CHR8	5927756	CHR8:5927756	SSF x Far_LoA	-9,746	0,062	0,314
CHR8	5937035	CHR8:5937035	SSF x Far_LoA	-5,705	-0,060	0,291
CHR8	5937062	CHR8:5937062	SSF x Far_LoA	-8,458	0,039	0,290
CHR8	5937136	CHR8:5937136	SSF x Far_LoA	-8,683	-0,147	0,300
CHR8	5937184	CHR8:5937184	SSF x Far_LoA	-8,477	-0,056	0,294
CHR8	5948309	CHR8:5948309	SSF x Far_LoA	-11,738	0,069	0,284
CHR8	5963827	CHR8:5963827	SSF x Far_LoA	-9,361	-0,046	0,292
CHR8	5963873	CHR8:5963873	SSF x Far_LoA	-7,290	-0,137	0,287
CHR8	5963995	CHR8:5963995	SSF x Far_LoA	-8,288	0,045	0,287
CHR8	5964003	CHR8:5964003	SSF x Far_LoA	-9,413	0,007	0,299
CHR8	5985719	CHR8:5985719	SSF x Far_LoA	-11,939	0,039	0,289
CHR8	5985731	CHR8:5985731	SSF x Far_LoA	-8,792	-0,094	0,284
CHR8	5985804	CHR8:5985804	SSF x Far_LoA	-3,637	-0,200	0,276
CHR8	5985852	CHR8:5985852	SSF x Far_LoA	-9,994	0,032	0,298
CHR8	5985915	CHR8:5985915	SSF x Far_LoA	-8,651	-0,047	0,301
CHR8	5985961	CHR8:5985961	SSF x Far_LoA	-9,653	0,041	0,301
CHR8	5993072	CHR8:5993072	SSF x Far_LoA	-11,402	-0,019	0,293
CHR8	5993209	CHR8:5993209	SSF x Far_LoA	-10,640	0,016	0,286
CHR8	5993375	CHR8:5993375	SSF x Far_LoA	-10,492	-0,049	0,301
CHR8	5995187	CHR8:5995187	SSF x Far_LoA	-6,457	0,105	0,307
CHR8	5995217	CHR8:5995217	SSF x Far_LoA	-10,472	0,024	0,283
CHR8	5995243	CHR8:5995243	SSF x Far_LoA	-8,088	-0,002	0,311
CHR8	5995249	CHR8:5995249	SSF x Far_LoA	-10,452	0,026	0,297
CHR8	6003535	CHR8:6003535	SSF x Far_LoA	-10,883	0,006	0,297
CHR8	6003612	CHR8:6003612	SSF x Far_LoA	-10,819	-0,015	0,297
CHR8	6004136	CHR8:6004136	SSF x Far_LoA	-12,689	-0,026	0,290
CHR8	6005035	CHR8:6005035	SSF x Far_LoA	-9,118	0,006	0,273
CHR8	6005374	CHR8:6005374	SSF x Far_LoA	-9,030	-0,054	0,297
CHR8	6005382	CHR8:6005382	SSF x Far_LoA	-8,187	-0,060	0,310
CHR8	6005397	CHR8:6005397	SSF x Far_LoA	-10,692	0,048	0,290
CHR8	6013440	CHR8:6013440	SSF x Far_LoA	-8,103	0,100	0,299
CHR8	6014817	CHR8:6014817	SSF x Far_LoA	-9,829	0,033	0,279
CHR8	6033041	CHR8:6033041	SSF x Far_LoA	-9,924	-0,058	0,295
CHR8	6033086	CHR8:6033086	SSF x Far_LoA	-9,766	0,054	0,282
CHR8	6036931	CHR8:6036931	SSF x Far_LoA	-9,695	-0,066	0,296
CHR8	6036978	CHR8:6036978	SSF x Far_LoA	-10,702	-0,062	0,290
CHR8	6049738	CHR8:6049738	SSF x Far_LoA	-11,644	0,076	0,296

CHR8	6049785	CHR8:6049785	SSF x Far_LoA	-9,507	-0,082	0,286
CHR8	6063622	CHR8:6063622	SSF x Far_LoA	-11,503	0,013	0,302
CHR8	6063637	CHR8:6063637	SSF x Far_LoA	-5,074	0,184	0,264
CHR8	6063741	CHR8:6063741	SSF x Far_LoA	-7,415	-0,098	0,298
CHR8	6063843	CHR8:6063843	SSF x Far_LoA	-8,517	0,009	0,282
CHR8	6066982	CHR8:6066982	SSF x Far_LoA	-12,329	-0,024	0,288
CHR8	6068120	CHR8:6068120	SSF x Far_LoA	-9,485	-0,038	0,282
CHR8	6068141	CHR8:6068141	SSF x Far_LoA	-9,084	0,035	0,293
CHR8	6068179	CHR8:6068179	SSF x Far_LoA	-7,837	-0,067	0,299
CHR8	6068248	CHR8:6068248	SSF x Far_LoA	-8,815	0,001	0,294
CHR8	6068266	CHR8:6068266	SSF x Far_LoA	-9,087	-0,025	0,301
CHR8	6068281	CHR8:6068281	SSF x Far_LoA	-8,890	-0,046	0,286
CHR8	6068306	CHR8:6068306	SSF x Far_LoA	-8,686	0,048	0,274
CHR8	6083070	CHR8:6083070	SSF x Far_LoA	-8,654	-0,004	0,285
CHR8	6086349	CHR8:6086349	SSF x Far_LoA	-10,937	0,132	0,279
CHR8	6086503	CHR8:6086503	SSF x Far_LoA	-10,161	0,042	0,292
CHR8	6086508	CHR8:6086508	SSF x Far_LoA	-9,221	0,000	0,286
CHR8	6088508	CHR8:6088508	SSF x Far_LoA	-11,769	0,023	0,281
CHR8	6096218	CHR8:6096218	SSF x Far_LoA	-11,520	-0,015	0,310
CHR8	6096305	CHR8:6096305	SSF x Far_LoA	-6,094	0,002	0,306
CHR8	6096452	CHR8:6096452	SSF x Far_LoA	-9,984	-0,031	0,288
CHR8	6101278	CHR8:6101278	SSF x Far_LoA	-3,390	-0,092	0,279
CHR8	6108223	CHR8:6108223	SSF x Far_LoA	-9,423	0,006	0,301
CHR8	6128188	CHR8:6128188	SSF x Far_LoA	-10,357	0,132	0,275
CHR8	6128340	CHR8:6128340	SSF x Far_LoA	-9,172	0,051	0,303
CHR8	6134770	CHR8:6134770	SSF x Far_LoA	-10,308	0,105	0,289
CHR8	6134800	CHR8:6134800	SSF x Far_LoA	-7,780	-0,055	0,290
CHR8	6134890	CHR8:6134890	SSF x Far_LoA	-10,275	0,051	0,292
CHR8	6134969	CHR8:6134969	SSF x Far_LoA	-8,056	-0,097	0,294
CHR8	6134999	CHR8:6134999	SSF x Far_LoA	-5,724	-0,210	0,275
CHR8	6139909	CHR8:6139909	SSF x Far_LoA	-10,143	0,022	0,290
CHR8	6140066	CHR8:6140066	SSF x Far_LoA	-7,632	0,070	0,293
CHR8	6158314	CHR8:6158314	SSF x Far_LoA	-8,729	0,105	0,289
CHR8	6159224	CHR8:6159224	SSF x Far_LoA	-8,403	0,144	0,277
CHR8	6167967	CHR8:6167967	SSF x Far_LoA	-9,663	0,123	0,285
CHR8	6168195	CHR8:6168195	SSF x Far_LoA	-9,867	0,080	0,292
CHR8	6168325	CHR8:6168325	SSF x Far_LoA	-6,917	0,098	0,280
CHR8	6172573	CHR8:6172573	SSF x Far_LoA	-6,501	-0,045	0,300
CHR8	6186456	CHR8:6186456	SSF x Far_LoA	-9,009	0,104	0,290
CHR8	6186485	CHR8:6186485	SSF x Far_LoA	-6,372	0,027	0,289
CHR8	6186563	CHR8:6186563	SSF x Far_LoA	-10,348	-0,079	0,295
CHR8	6191021	CHR8:6191021	SSF x Far_LoA	-8,045	-0,040	0,294
CHR8	6191033	CHR8:6191033	SSF x Far_LoA	-11,380	0,052	0,295
CHR8	6191045	CHR8:6191045	SSF x Far_LoA	-11,792	0,025	0,294
CHR8	6191229	CHR8:6191229	SSF x Far_LoA	-9,866	-0,049	0,290
CHR8	6191326	CHR8:6191326	SSF x Far_LoA	-4,788	-0,179	0,291
CHR8	6191509	CHR8:6191509	SSF x Far_LoA	-10,254	-0,031	0,302
CHR8	6191520	CHR8:6191520	SSF x Far_LoA	-9,094	-0,085	0,285
CHR8	6199675	CHR8:6199675	SSF x Far_LoA	-10,857	0,046	0,286
CHR8	6199834	CHR8:6199834	SSF x Far_LoA	-8,732	0,087	0,302
CHR8	6199854	CHR8:6199854	SSF x Far_LoA	-8,241	-0,096	0,281
CHR8	6206176	CHR8:6206176	SSF x Far_LoA	-8,625	-0,026	0,295
CHR8	6206229	CHR8:6206229	SSF x Far_LoA	-5,050	0,145	0,275

CHR8	6215437	CHR8:6215437	SSF x Far_LoA	-8,974	-0,048	0,298
CHR8	621606	CHR8:621606	SSF x Far_LoA	-9,941	-0,019	0,317
CHR8	621885	CHR8:621885	SSF x Far_LoA	-9,095	0,048	0,301
CHR8	6221104	CHR8:6221104	SSF x Far_LoA	-10,562	0,067	0,291
CHR8	6221144	CHR8:6221144	SSF x Far_LoA	-10,543	-0,059	0,302
CHR8	6221277	CHR8:6221277	SSF x Far_LoA	-9,991	0,044	0,296
CHR8	6227582	CHR8:6227582	SSF x Far_LoA	-6,657	-0,109	0,276
CHR8	6227601	CHR8:6227601	SSF x Far_LoA	-8,957	0,070	0,287
CHR8	6230344	CHR8:6230344	SSF x Far_LoA	-8,973	-0,109	0,293
CHR8	6240584	CHR8:6240584	SSF x Far_LoA	-10,413	-0,034	0,304
CHR8	6240859	CHR8:6240859	SSF x Far_LoA	-12,104	-0,129	0,279
CHR8	625507	CHR8:625507	SSF x Far_LoA	-9,288	0,005	0,292
CHR8	625523	CHR8:625523	SSF x Far_LoA	-9,912	-0,022	0,271
CHR8	625587	CHR8:625587	SSF x Far_LoA	-9,192	0,115	0,281
CHR8	625625	CHR8:625625	SSF x Far_LoA	-11,209	0,054	0,295
CHR8	625646	CHR8:625646	SSF x Far_LoA	-7,144	0,138	0,278
CHR8	6265710	CHR8:6265710	SSF x Far_LoA	-3,825	-0,133	0,290
CHR8	6265821	CHR8:6265821	SSF x Far_LoA	-7,046	-0,112	0,280
CHR8	6287055	CHR8:6287055	SSF x Far_LoA	-11,604	-0,016	0,293
CHR8	6287108	CHR8:6287108	SSF x Far_LoA	-11,242	-0,091	0,276
CHR8	6287148	CHR8:6287148	SSF x Far_LoA	-10,015	0,046	0,280
CHR8	6287178	CHR8:6287178	SSF x Far_LoA	-10,900	-0,009	0,294
CHR8	6287190	CHR8:6287190	SSF x Far_LoA	-9,733	-0,025	0,277
CHR8	6311308	CHR8:6311308	SSF x Far_LoA	-9,610	-0,083	0,284
CHR8	6326449	CHR8:6326449	SSF x Far_LoA	-10,952	-0,040	0,284
CHR8	6326584	CHR8:6326584	SSF x Far_LoA	-7,573	-0,016	0,304
CHR8	6326627	CHR8:6326627	SSF x Far_LoA	-8,839	-0,029	0,292
CHR8	6326649	CHR8:6326649	SSF x Far_LoA	-8,535	-0,097	0,293
CHR8	6326652	CHR8:6326652	SSF x Far_LoA	-6,941	-0,050	0,304
CHR8	6326666	CHR8:6326666	SSF x Far_LoA	-9,595	0,001	0,281
CHR8	6326693	CHR8:6326693	SSF x Far_LoA	-8,566	-0,078	0,287
CHR8	6326725	CHR8:6326725	SSF x Far_LoA	-9,004	-0,115	0,288
CHR8	6328597	CHR8:6328597	SSF x Far_LoA	-6,695	0,074	0,284
CHR8	6328653	CHR8:6328653	SSF x Far_LoA	-10,877	0,066	0,289
CHR8	6331884	CHR8:6331884	SSF x Far_LoA	-8,440	-0,110	0,290
CHR8	6331886	CHR8:6331886	SSF x Far_LoA	-10,872	-0,067	0,287
CHR8	6331889	CHR8:6331889	SSF x Far_LoA	-10,094	0,097	0,297
CHR8	6331918	CHR8:6331918	SSF x Far_LoA	-8,497	0,088	0,300
CHR8	6331954	CHR8:6331954	SSF x Far_LoA	-3,351	0,133	0,289
CHR8	6336223	CHR8:6336223	SSF x Far_LoA	-10,975	0,084	0,280
CHR8	6336320	CHR8:6336320	SSF x Far_LoA	-11,511	0,087	0,284
CHR8	6344770	CHR8:6344770	SSF x Far_LoA	-10,587	-0,047	0,281
CHR8	6344793	CHR8:6344793	SSF x Far_LoA	-5,099	-0,074	0,288
CHR8	6344802	CHR8:6344802	SSF x Far_LoA	-7,660	0,018	0,301
CHR8	6344822	CHR8:6344822	SSF x Far_LoA	-10,676	-0,029	0,295
CHR8	6346612	CHR8:6346612	SSF x Far_LoA	-10,914	0,019	0,299
CHR8	6346617	CHR8:6346617	SSF x Far_LoA	-10,134	0,018	0,302
CHR8	6346688	CHR8:6346688	SSF x Far_LoA	-8,808	-0,128	0,281
CHR8	6346691	CHR8:6346691	SSF x Far_LoA	-10,523	-0,102	0,285
CHR8	6346766	CHR8:6346766	SSF x Far_LoA	-10,576	0,087	0,302
CHR8	6351998	CHR8:6351998	SSF x Far_LoA	-10,180	-0,005	0,305
CHR8	6352100	CHR8:6352100	SSF x Far_LoA	-9,772	-0,027	0,292
CHR8	6352122	CHR8:6352122	SSF x Far_LoA	-8,031	-0,066	0,289

CHR8	6352189	CHR8:6352189	SSF x Far_LoA	-10,334	0,032	0,293
CHR8	6352196	CHR8:6352196	SSF x Far_LoA	-10,873	0,060	0,273
CHR8	6352203	CHR8:6352203	SSF x Far_LoA	0,253	-0,043	0,287
CHR8	6352277	CHR8:6352277	SSF x Far_LoA	-9,722	0,023	0,294
CHR8	6352304	CHR8:6352304	SSF x Far_LoA	-8,314	0,086	0,291
CHR8	6357808	CHR8:6357808	SSF x Far_LoA	-10,387	-0,048	0,292
CHR8	6357940	CHR8:6357940	SSF x Far_LoA	-9,439	-0,029	0,279
CHR8	6363908	CHR8:6363908	SSF x Far_LoA	-10,022	0,048	0,279
CHR8	6363985	CHR8:6363985	SSF x Far_LoA	-8,404	0,119	0,290
CHR8	6364016	CHR8:6364016	SSF x Far_LoA	-9,198	0,084	0,282
CHR8	6364034	CHR8:6364034	SSF x Far_LoA	-7,068	0,204	0,295
CHR8	6364035	CHR8:6364035	SSF x Far_LoA	-8,841	0,057	0,278
CHR8	6364036	CHR8:6364036	SSF x Far_LoA	-8,726	-0,070	0,273
CHR8	6364037	CHR8:6364037	SSF x Far_LoA	-7,743	-0,047	0,289
CHR8	637662	CHR8:637662	SSF x Far_LoA	-11,533	0,007	0,301
CHR8	6392753	CHR8:6392753	SSF x Far_LoA	-10,363	0,076	0,284
CHR8	6397665	CHR8:6397665	SSF x Far_LoA	-9,825	0,060	0,284
CHR8	6397666	CHR8:6397666	SSF x Far_LoA	-10,317	0,125	0,303
CHR8	6397673	CHR8:6397673	SSF x Far_LoA	-8,926	-0,096	0,289
CHR8	6397723	CHR8:6397723	SSF x Far_LoA	-10,408	0,037	0,286
CHR8	6397740	CHR8:6397740	SSF x Far_LoA	-9,403	0,119	0,307
CHR8	6397843	CHR8:6397843	SSF x Far_LoA	-10,019	-0,034	0,299
CHR8	6397930	CHR8:6397930	SSF x Far_LoA	-9,815	0,008	0,294
CHR8	6413942	CHR8:6413942	SSF x Far_LoA	-9,464	-0,081	0,283
CHR8	6414171	CHR8:6414171	SSF x Far_LoA	-9,477	0,057	0,300
CHR8	6414178	CHR8:6414178	SSF x Far_LoA	-9,112	0,104	0,290
CHR8	6414186	CHR8:6414186	SSF x Far_LoA	-10,807	0,090	0,287
CHR8	6414199	CHR8:6414199	SSF x Far_LoA	-8,545	0,121	0,297
CHR8	6414210	CHR8:6414210	SSF x Far_LoA	-10,493	0,089	0,297
CHR8	6415712	CHR8:6415712	SSF x Far_LoA	-10,365	0,107	0,288
CHR8	6415736	CHR8:6415736	SSF x Far_LoA	-10,773	0,023	0,295
CHR8	6415786	CHR8:6415786	SSF x Far_LoA	-11,589	0,005	0,293
CHR8	6415803	CHR8:6415803	SSF x Far_LoA	-6,734	0,091	0,297
CHR8	6429107	CHR8:6429107	SSF x Far_LoA	-9,504	0,131	0,291
CHR8	6429178	CHR8:6429178	SSF x Far_LoA	-10,122	-0,048	0,294
CHR8	6429214	CHR8:6429214	SSF x Far_LoA	-6,831	-0,042	0,297
CHR8	6433753	CHR8:6433753	SSF x Far_LoA	-7,228	-0,142	0,278
CHR8	6433760	CHR8:6433760	SSF x Far_LoA	6,874	-0,146	0,288
CHR8	6433770	CHR8:6433770	SSF x Far_LoA	-6,829	-0,138	0,282
CHR8	6433771	CHR8:6433771	SSF x Far_LoA	-9,098	0,160	0,280
CHR8	6433774	CHR8:6433774	SSF x Far_LoA	-9,010	-0,040	0,281
CHR8	6437055	CHR8:6437055	SSF x Far_LoA	-8,995	-0,090	0,292
CHR8	6437125	CHR8:6437125	SSF x Far_LoA	-11,569	0,041	0,283
CHR8	6437145	CHR8:6437145	SSF x Far_LoA	-9,935	0,019	0,296
CHR8	6441626	CHR8:6441626	SSF x Far_LoA	-7,333	0,130	0,289
CHR8	6441704	CHR8:6441704	SSF x Far_LoA	-8,256	0,091	0,291
CHR8	6441718	CHR8:6441718	SSF x Far_LoA	-9,778	0,103	0,297
CHR8	6452912	CHR8:6452912	SSF x Far_LoA	-2,294	0,135	0,292
CHR8	6452978	CHR8:6452978	SSF x Far_LoA	-9,062	0,038	0,291
CHR8	6452980	CHR8:6452980	SSF x Far_LoA	-8,721	-0,074	0,293
CHR8	6456682	CHR8:6456682	SSF x Far_LoA	-8,767	0,055	0,294
CHR8	6482473	CHR8:6482473	SSF x Far_LoA	-9,909	0,043	0,286
CHR8	6482487	CHR8:6482487	SSF x Far_LoA	-11,109	0,030	0,279

CHR8	6482582	CHR8:6482582	SSF x Far_LoA	-9,130	0,062	0,274
CHR8	6482615	CHR8:6482615	SSF x Far_LoA	-9,874	0,067	0,285
CHR8	6482697	CHR8:6482697	SSF x Far_LoA	-12,354	-0,013	0,300
CHR8	6482699	CHR8:6482699	SSF x Far_LoA	-10,650	-0,134	0,286
CHR8	6482706	CHR8:6482706	SSF x Far_LoA	-9,102	-0,031	0,295
CHR8	6482772	CHR8:6482772	SSF x Far_LoA	-11,208	-0,045	0,297
CHR8	6487872	CHR8:6487872	SSF x Far_LoA	-11,355	-0,105	0,288
CHR8	6487964	CHR8:6487964	SSF x Far_LoA	-8,524	0,116	0,285
CHR8	6487981	CHR8:6487981	SSF x Far_LoA	-9,689	0,049	0,271
CHR8	6488022	CHR8:6488022	SSF x Far_LoA	-9,294	-0,081	0,285
CHR8	6490069	CHR8:6490069	SSF x Far_LoA	-6,679	-0,159	0,293
CHR8	6490283	CHR8:6490283	SSF x Far_LoA	-10,128	0,113	0,298
CHR8	6492709	CHR8:6492709	SSF x Far_LoA	-6,878	-0,094	0,282
CHR8	6492875	CHR8:6492875	SSF x Far_LoA	-7,844	0,030	0,283
CHR8	6493022	CHR8:6493022	SSF x Far_LoA	-9,317	0,016	0,275
CHR8	6493065	CHR8:6493065	SSF x Far_LoA	-8,767	-0,034	0,290
CHR8	6493123	CHR8:6493123	SSF x Far_LoA	-10,923	0,029	0,289
CHR8	6516946	CHR8:6516946	SSF x Far_LoA	-12,573	-0,035	0,277
CHR8	6517027	CHR8:6517027	SSF x Far_LoA	-7,676	0,158	0,281
CHR8	6518805	CHR8:6518805	SSF x Far_LoA	-6,405	0,139	0,278
CHR8	6518855	CHR8:6518855	SSF x Far_LoA	-6,993	-0,074	0,287
CHR8	6518925	CHR8:6518925	SSF x Far_LoA	-3,628	-0,056	0,286
CHR8	6518973	CHR8:6518973	SSF x Far_LoA	-10,400	-0,073	0,275
CHR8	6527763	CHR8:6527763	SSF x Far_LoA	-9,090	0,002	0,305
CHR8	6528361	CHR8:6528361	SSF x Far_LoA	-10,072	-0,019	0,282
CHR8	6528399	CHR8:6528399	SSF x Far_LoA	-0,381	-0,026	0,279
CHR8	6528400	CHR8:6528400	SSF x Far_LoA	-9,716	0,048	0,288
CHR8	6528413	CHR8:6528413	SSF x Far_LoA	-9,204	-0,027	0,279
CHR8	6528416	CHR8:6528416	SSF x Far_LoA	-8,762	0,088	0,301
CHR8	6528464	CHR8:6528464	SSF x Far_LoA	-6,443	-0,029	0,293
CHR8	6532092	CHR8:6532092	SSF x Far_LoA	-8,812	-0,030	0,313
CHR8	6532234	CHR8:6532234	SSF x Far_LoA	-9,647	-0,023	0,301
CHR8	6533379	CHR8:6533379	SSF x Far_LoA	-9,162	-0,053	0,288
CHR8	6533692	CHR8:6533692	SSF x Far_LoA	-11,910	-0,024	0,294
CHR8	6533722	CHR8:6533722	SSF x Far_LoA	-5,910	0,183	0,272
CHR8	6540122	CHR8:6540122	SSF x Far_LoA	-8,507	0,062	0,298
CHR8	6541521	CHR8:6541521	SSF x Far_LoA	-6,496	0,085	0,302
CHR8	6541584	CHR8:6541584	SSF x Far_LoA	-9,131	0,146	0,284
CHR8	6545076	CHR8:6545076	SSF x Far_LoA	-8,250	0,073	0,291
CHR8	6560210	CHR8:6560210	SSF x Far_LoA	-11,599	-0,019	0,296
CHR8	6560287	CHR8:6560287	SSF x Far_LoA	-8,482	0,082	0,297
CHR8	6560481	CHR8:6560481	SSF x Far_LoA	-10,498	-0,068	0,284
CHR8	6561193	CHR8:6561193	SSF x Far_LoA	-7,549	-0,103	0,298
CHR8	6561343	CHR8:6561343	SSF x Far_LoA	-8,653	0,082	0,304
CHR8	6561369	CHR8:6561369	SSF x Far_LoA	-10,899	0,028	0,298
CHR8	6561533	CHR8:6561533	SSF x Far_LoA	-5,673	-0,076	0,307
CHR8	6561546	CHR8:6561546	SSF x Far_LoA	-11,468	0,040	0,291
CHR8	6570375	CHR8:6570375	SSF x Far_LoA	-10,830	-0,039	0,287
CHR8	6576995	CHR8:6576995	SSF x Far_LoA	-10,064	-0,048	0,281
CHR8	6577013	CHR8:6577013	SSF x Far_LoA	-6,579	0,131	0,274
CHR8	6577127	CHR8:6577127	SSF x Far_LoA	-10,831	-0,031	0,282
CHR8	6583978	CHR8:6583978	SSF x Far_LoA	-7,118	-0,151	0,286
CHR8	6584079	CHR8:6584079	SSF x Far_LoA	-8,468	-0,141	0,295

CHR8	6591268	CHR8:6591268	SSF x Far_LoA	-8,159	-0,079	0,281
CHR8	6591322	CHR8:6591322	SSF x Far_LoA	-9,085	0,014	0,292
CHR8	6591358	CHR8:6591358	SSF x Far_LoA	-10,121	-0,049	0,306
CHR8	6603333	CHR8:6603333	SSF x Far_LoA	-10,930	0,007	0,295
CHR8	6603538	CHR8:6603538	SSF x Far_LoA	-9,237	0,010	0,292
CHR8	6615079	CHR8:6615079	SSF x Far_LoA	-8,434	0,013	0,290
CHR8	6615104	CHR8:6615104	SSF x Far_LoA	-7,218	-0,007	0,294
CHR8	6615140	CHR8:6615140	SSF x Far_LoA	-8,769	-0,113	0,285
CHR8	6615218	CHR8:6615218	SSF x Far_LoA	-4,487	-0,126	0,290
CHR8	6625421	CHR8:6625421	SSF x Far_LoA	-11,069	0,026	0,304
CHR8	6625495	CHR8:6625495	SSF x Far_LoA	-10,690	0,021	0,272
CHR8	6625497	CHR8:6625497	SSF x Far_LoA	-10,383	0,034	0,279
CHR8	6625507	CHR8:6625507	SSF x Far_LoA	-10,346	0,007	0,290
CHR8	6630364	CHR8:6630364	SSF x Far_LoA	-9,531	0,012	0,299
CHR8	6646932	CHR8:6646932	SSF x Far_LoA	-9,909	-0,039	0,295
CHR8	6647109	CHR8:6647109	SSF x Far_LoA	-9,375	-0,005	0,300
CHR8	6647146	CHR8:6647146	SSF x Far_LoA	-10,372	0,090	0,286
CHR8	667149	CHR8:667149	SSF x Far_LoA	-8,396	-0,127	0,275
CHR8	667339	CHR8:667339	SSF x Far_LoA	-8,235	-0,099	0,298
CHR8	667340	CHR8:667340	SSF x Far_LoA	-8,972	-0,041	0,293
CHR8	6683283	CHR8:6683283	SSF x Far_LoA	-11,446	0,012	0,281
CHR8	6683629	CHR8:6683629	SSF x Far_LoA	-9,533	0,005	0,298
CHR8	6683720	CHR8:6683720	SSF x Far_LoA	-6,807	0,063	0,301
CHR8	6699217	CHR8:6699217	SSF x Far_LoA	-10,742	-0,074	0,291
CHR8	6701667	CHR8:6701667	SSF x Far_LoA	-5,776	0,000	0,303
CHR8	6701692	CHR8:6701692	SSF x Far_LoA	-10,680	-0,026	0,286
CHR8	6705315	CHR8:6705315	SSF x Far_LoA	-9,674	0,013	0,295
CHR8	6705347	CHR8:6705347	SSF x Far_LoA	-10,614	-0,088	0,300
CHR8	6705653	CHR8:6705653	SSF x Far_LoA	-9,454	0,051	0,293
CHR8	6715146	CHR8:6715146	SSF x Far_LoA	-11,518	-0,010	0,289
CHR8	6723648	CHR8:6723648	SSF x Far_LoA	-8,933	-0,134	0,297
CHR8	6723663	CHR8:6723663	SSF x Far_LoA	-11,204	0,006	0,296
CHR8	6740455	CHR8:6740455	SSF x Far_LoA	-10,645	0,020	0,301
CHR8	6740576	CHR8:6740576	SSF x Far_LoA	-9,470	0,063	0,288
CHR8	6740670	CHR8:6740670	SSF x Far_LoA	-10,221	0,079	0,296
CHR8	6740674	CHR8:6740674	SSF x Far_LoA	-8,609	-0,055	0,298
CHR8	6740699	CHR8:6740699	SSF x Far_LoA	-9,222	0,054	0,290
CHR8	6744711	CHR8:6744711	SSF x Far_LoA	-8,641	-0,079	0,291
CHR8	674741	CHR8:674741	SSF x Far_LoA	-9,100	0,008	0,303
CHR8	674791	CHR8:674791	SSF x Far_LoA	-7,638	-0,121	0,288
CHR8	674809	CHR8:674809	SSF x Far_LoA	-8,043	0,134	0,294
CHR8	674869	CHR8:674869	SSF x Far_LoA	-8,544	-0,140	0,292
CHR8	674873	CHR8:674873	SSF x Far_LoA	-8,547	0,088	0,288
CHR8	674914	CHR8:674914	SSF x Far_LoA	-9,483	0,067	0,265
CHR8	674933	CHR8:674933	SSF x Far_LoA	-8,939	0,011	0,276
CHR8	6755007	CHR8:6755007	SSF x Far_LoA	0,627	0,244	0,262
CHR8	6784446	CHR8:6784446	SSF x Far_LoA	-8,387	-0,017	0,287
CHR8	6785307	CHR8:6785307	SSF x Far_LoA	0,281	0,074	0,289
CHR8	6785308	CHR8:6785308	SSF x Far_LoA	-8,232	0,068	0,282
CHR8	6796298	CHR8:6796298	SSF x Far_LoA	-7,037	0,127	0,288
CHR8	6796584	CHR8:6796584	SSF x Far_LoA	-11,127	0,004	0,286
CHR8	6831464	CHR8:6831464	SSF x Far_LoA	-10,298	-0,031	0,284
CHR8	6839227	CHR8:6839227	SSF x Far_LoA	-5,224	0,195	0,273

CHR8	6840736	CHR8:6840736	SSF x Far_LoA	-10,949	-0,067	0,287
CHR8	6875303	CHR8:6875303	SSF x Far_LoA	-5,687	-0,142	0,298
CHR8	6913236	CHR8:6913236	SSF x Far_LoA	-9,503	0,079	0,288
CHR8	6913298	CHR8:6913298	SSF x Far_LoA	-8,804	0,084	0,272
CHR8	6913304	CHR8:6913304	SSF x Far_LoA	-7,679	-0,010	0,277
CHR8	6919960	CHR8:6919960	SSF x Far_LoA	-10,987	-0,008	0,295
CHR8	6919975	CHR8:6919975	SSF x Far_LoA	-8,729	-0,044	0,292
CHR8	6920011	CHR8:6920011	SSF x Far_LoA	-10,637	-0,081	0,288
CHR8	6920224	CHR8:6920224	SSF x Far_LoA	-1,335	-0,230	0,282
CHR8	6930504	CHR8:6930504	SSF x Far_LoA	-10,734	-0,007	0,296
CHR8	6936214	CHR8:6936214	SSF x Far_LoA	-8,635	0,102	0,276
CHR8	6940485	CHR8:6940485	SSF x Far_LoA	-8,214	-0,072	0,301
CHR8	6940487	CHR8:6940487	SSF x Far_LoA	-8,691	-0,040	0,288
CHR8	6941950	CHR8:6941950	SSF x Far_LoA	-10,702	0,159	0,276
CHR8	6943145	CHR8:6943145	SSF x Far_LoA	-11,749	0,006	0,291
CHR8	695511	CHR8:695511	SSF x Far_LoA	-11,953	0,023	0,280
CHR8	695543	CHR8:695543	SSF x Far_LoA	-9,431	0,040	0,280
CHR8	695545	CHR8:695545	SSF x Far_LoA	-11,174	0,042	0,288
CHR8	6961472	CHR8:6961472	SSF x Far_LoA	-7,396	-0,019	0,297
CHR8	6961483	CHR8:6961483	SSF x Far_LoA	-9,185	0,006	0,299
CHR8	6961487	CHR8:6961487	SSF x Far_LoA	-2,773	-0,087	0,306
CHR8	6978498	CHR8:6978498	SSF x Far_LoA	-12,369	-0,013	0,275
CHR8	6978622	CHR8:6978622	SSF x Far_LoA	-8,974	-0,093	0,298
CHR8	6978649	CHR8:6978649	SSF x Far_LoA	-10,727	0,057	0,288
CHR8	6978702	CHR8:6978702	SSF x Far_LoA	-7,789	0,207	0,270
CHR8	6980409	CHR8:6980409	SSF x Far_LoA	-9,423	-0,007	0,314
CHR8	6980416	CHR8:6980416	SSF x Far_LoA	-7,388	-0,107	0,277
CHR8	6980515	CHR8:6980515	SSF x Far_LoA	-9,481	0,030	0,292
CHR8	6980529	CHR8:6980529	SSF x Far_LoA	-6,920	-0,009	0,310
CHR8	7018550	CHR8:7018550	SSF x Far_LoA	-9,560	-0,004	0,285
CHR8	7018868	CHR8:7018868	SSF x Far_LoA	-10,169	0,065	0,281
CHR8	7018962	CHR8:7018962	SSF x Far_LoA	-5,976	0,105	0,284
CHR8	702515	CHR8:702515	SSF x Far_LoA	-10,981	0,077	0,286
CHR8	702610	CHR8:702610	SSF x Far_LoA	-11,443	-0,091	0,299
CHR8	7037256	CHR8:7037256	SSF x Far_LoA	-8,885	0,060	0,294
CHR8	7043150	CHR8:7043150	SSF x Far_LoA	-7,340	-0,080	0,306
CHR8	7043151	CHR8:7043151	SSF x Far_LoA	-7,403	-0,103	0,296
CHR8	7043152	CHR8:7043152	SSF x Far_LoA	-3,617	-0,073	0,300
CHR8	7043157	CHR8:7043157	SSF x Far_LoA	-7,260	-0,098	0,300
CHR8	7076704	CHR8:7076704	SSF x Far_LoA	-10,075	0,014	0,277
CHR8	7081251	CHR8:7081251	SSF x Far_LoA	-11,384	-0,036	0,283
CHR8	708138	CHR8:708138	SSF x Far_LoA	-5,937	-0,101	0,290
CHR8	708494	CHR8:708494	SSF x Far_LoA	-10,615	-0,047	0,298
CHR8	708495	CHR8:708495	SSF x Far_LoA	-8,295	-0,207	0,270
CHR8	712386	CHR8:712386	SSF x Far_LoA	-9,956	0,022	0,290
CHR8	712556	CHR8:712556	SSF x Far_LoA	-10,696	-0,093	0,288
CHR8	7134400	CHR8:7134400	SSF x Far_LoA	-9,877	0,009	0,308
CHR8	7154287	CHR8:7154287	SSF x Far_LoA	-9,171	-0,019	0,298
CHR8	7156392	CHR8:7156392	SSF x Far_LoA	-10,302	-0,096	0,287
CHR8	7174919	CHR8:7174919	SSF x Far_LoA	-11,202	0,026	0,282
CHR8	7175834	CHR8:7175834	SSF x Far_LoA	-10,515	0,037	0,287
CHR8	7175905	CHR8:7175905	SSF x Far_LoA	-11,369	-0,029	0,293
CHR8	7183857	CHR8:7183857	SSF x Far_LoA	-7,631	-0,154	0,282

CHR8	7184843	CHR8:7184843	SSF x Far_LoA	-9,185	0,044	0,303
CHR8	7205358	CHR8:7205358	SSF x Far_LoA	-5,543	-0,064	0,281
CHR8	7205389	CHR8:7205389	SSF x Far_LoA	-6,967	0,150	0,280
CHR8	7216056	CHR8:7216056	SSF x Far_LoA	-12,036	-0,016	0,285
CHR8	7216130	CHR8:7216130	SSF x Far_LoA	-10,351	0,010	0,287
CHR8	7216138	CHR8:7216138	SSF x Far_LoA	-11,382	0,062	0,290
CHR8	7216241	CHR8:7216241	SSF x Far_LoA	-12,291	-0,017	0,283
CHR8	7216265	CHR8:7216265	SSF x Far_LoA	-10,062	-0,014	0,284
CHR8	7219950	CHR8:7219950	SSF x Far_LoA	3,589	-0,021	0,290
CHR8	7227495	CHR8:7227495	SSF x Far_LoA	-10,580	0,010	0,283
CHR8	7227516	CHR8:7227516	SSF x Far_LoA	-11,346	0,030	0,288
CHR8	7243183	CHR8:7243183	SSF x Far_LoA	-7,916	-0,101	0,283
CHR8	726858	CHR8:726858	SSF x Far_LoA	-7,725	-0,066	0,296
CHR8	726862	CHR8:726862	SSF x Far_LoA	-8,200	0,049	0,302
CHR8	7271955	CHR8:7271955	SSF x Far_LoA	-9,934	-0,056	0,290
CHR8	7271985	CHR8:7271985	SSF x Far_LoA	-10,563	-0,114	0,291
CHR8	7272045	CHR8:7272045	SSF x Far_LoA	-8,178	0,114	0,282
CHR8	7272063	CHR8:7272063	SSF x Far_LoA	-9,431	0,057	0,303
CHR8	7272087	CHR8:7272087	SSF x Far_LoA	-10,391	0,093	0,270
CHR8	7272259	CHR8:7272259	SSF x Far_LoA	-5,247	0,049	0,303
CHR8	7275833	CHR8:7275833	SSF x Far_LoA	-9,411	-0,024	0,297
CHR8	7291146	CHR8:7291146	SSF x Far_LoA	-11,923	-0,035	0,282
CHR8	7291365	CHR8:7291365	SSF x Far_LoA	-10,560	-0,009	0,291
CHR8	7302961	CHR8:7302961	SSF x Far_LoA	-8,398	-0,106	0,298
CHR8	7315802	CHR8:7315802	SSF x Far_LoA	-7,663	0,129	0,286
CHR8	7327345	CHR8:7327345	SSF x Far_LoA	-8,584	0,031	0,300
CHR8	7327364	CHR8:7327364	SSF x Far_LoA	-9,045	-0,057	0,284
CHR8	7327367	CHR8:7327367	SSF x Far_LoA	-7,825	-0,047	0,291
CHR8	7327368	CHR8:7327368	SSF x Far_LoA	-8,348	-0,078	0,290
CHR8	7327369	CHR8:7327369	SSF x Far_LoA	-8,475	-0,092	0,289
CHR8	7327370	CHR8:7327370	SSF x Far_LoA	-9,256	-0,108	0,288
CHR8	7327374	CHR8:7327374	SSF x Far_LoA	-9,587	-0,071	0,281
CHR8	7327425	CHR8:7327425	SSF x Far_LoA	-9,378	-0,100	0,282
CHR8	7327450	CHR8:7327450	SSF x Far_LoA	-9,486	-0,088	0,281
CHR8	7327453	CHR8:7327453	SSF x Far_LoA	-10,359	-0,019	0,282
CHR8	7327468	CHR8:7327468	SSF x Far_LoA	-9,453	-0,061	0,274
CHR8	7327688	CHR8:7327688	SSF x Far_LoA	-8,154	0,062	0,298
CHR8	7327702	CHR8:7327702	SSF x Far_LoA	-10,913	-0,138	0,283
CHR8	7334489	CHR8:7334489	SSF x Far_LoA	-12,266	0,060	0,284
CHR8	7334673	CHR8:7334673	SSF x Far_LoA	-11,243	-0,023	0,301
CHR8	7334821	CHR8:7334821	SSF x Far_LoA	-7,924	-0,029	0,274
CHR8	7340984	CHR8:7340984	SSF x Far_LoA	-9,026	0,091	0,291
CHR8	7376679	CHR8:7376679	SSF x Far_LoA	-10,627	-0,117	0,288
CHR8	7381125	CHR8:7381125	SSF x Far_LoA	-7,339	-0,143	0,283
CHR8	7381210	CHR8:7381210	SSF x Far_LoA	-9,242	-0,120	0,280
CHR8	7420375	CHR8:7420375	SSF x Far_LoA	-10,027	-0,117	0,296
CHR8	7420527	CHR8:7420527	SSF x Far_LoA	-7,413	0,174	0,279
CHR8	7432497	CHR8:7432497	SSF x Far_LoA	-9,893	0,046	0,284
CHR8	7439102	CHR8:7439102	SSF x Far_LoA	-11,274	-0,052	0,289
CHR8	7451698	CHR8:7451698	SSF x Far_LoA	-10,237	-0,059	0,293
CHR8	7456904	CHR8:7456904	SSF x Far_LoA	-10,624	-0,013	0,292
CHR8	7468590	CHR8:7468590	SSF x Far_LoA	-10,120	-0,057	0,295
CHR8	7468715	CHR8:7468715	SSF x Far_LoA	-5,942	-0,073	0,281

CHR8	7468718	CHR8:7468718	SSF x Far_LoA	-9,485	-0,089	0,279
CHR8	7473691	CHR8:7473691	SSF x Far_LoA	-8,754	0,189	0,271
CHR8	7473778	CHR8:7473778	SSF x Far_LoA	-9,651	0,182	0,267
CHR8	7473792	CHR8:7473792	SSF x Far_LoA	-10,539	-0,090	0,293
CHR8	7473913	CHR8:7473913	SSF x Far_LoA	-9,083	0,010	0,291
CHR8	7473957	CHR8:7473957	SSF x Far_LoA	-9,674	0,039	0,295
CHR8	7473967	CHR8:7473967	SSF x Far_LoA	-8,675	-0,072	0,318
CHR8	7473997	CHR8:7473997	SSF x Far_LoA	-12,256	-0,021	0,299
CHR8	7480477	CHR8:7480477	SSF x Far_LoA	-8,093	0,061	0,293
CHR8	7512522	CHR8:7512522	SSF x Far_LoA	-8,287	0,207	0,285
CHR8	7512676	CHR8:7512676	SSF x Far_LoA	-9,233	0,138	0,305
CHR8	7512761	CHR8:7512761	SSF x Far_LoA	-11,651	0,051	0,274
CHR8	7517190	CHR8:7517190	SSF x Far_LoA	-9,124	-0,069	0,285
CHR8	7517365	CHR8:7517365	SSF x Far_LoA	-4,484	0,141	0,286
CHR8	7524722	CHR8:7524722	SSF x Far_LoA	-8,142	0,035	0,298
CHR8	7534578	CHR8:7534578	SSF x Far_LoA	-6,584	0,124	0,276
CHR8	7534616	CHR8:7534616	SSF x Far_LoA	-12,013	0,042	0,285
CHR8	7534662	CHR8:7534662	SSF x Far_LoA	-10,068	-0,082	0,299
CHR8	7534714	CHR8:7534714	SSF x Far_LoA	-7,233	0,094	0,282
CHR8	7534769	CHR8:7534769	SSF x Far_LoA	-7,263	0,014	0,305
CHR8	7551574	CHR8:7551574	SSF x Far_LoA	-8,466	-0,053	0,303
CHR8	7551581	CHR8:7551581	SSF x Far_LoA	-5,660	0,124	0,298
CHR8	7556290	CHR8:7556290	SSF x Far_LoA	-9,568	0,082	0,299
CHR8	7556330	CHR8:7556330	SSF x Far_LoA	-10,818	0,177	0,286
CHR8	7556334	CHR8:7556334	SSF x Far_LoA	-10,783	0,081	0,293
CHR8	7556339	CHR8:7556339	SSF x Far_LoA	-10,617	-0,083	0,283
CHR8	7556362	CHR8:7556362	SSF x Far_LoA	-7,503	-0,134	0,279
CHR8	7556365	CHR8:7556365	SSF x Far_LoA	-11,090	0,006	0,297
CHR8	7556391	CHR8:7556391	SSF x Far_LoA	-10,892	0,022	0,292
CHR8	7556399	CHR8:7556399	SSF x Far_LoA	-10,701	0,048	0,277
CHR8	7556451	CHR8:7556451	SSF x Far_LoA	-10,849	0,097	0,286
CHR8	7556452	CHR8:7556452	SSF x Far_LoA	-9,525	0,030	0,300
CHR8	7556465	CHR8:7556465	SSF x Far_LoA	-9,625	-0,043	0,276
CHR8	7560431	CHR8:7560431	SSF x Far_LoA	-8,776	-0,043	0,302
CHR8	7560445	CHR8:7560445	SSF x Far_LoA	-12,182	0,018	0,290
CHR8	7560659	CHR8:7560659	SSF x Far_LoA	-7,166	-0,033	0,310
CHR8	7578886	CHR8:7578886	SSF x Far_LoA	-10,291	0,073	0,291
CHR8	7578887	CHR8:7578887	SSF x Far_LoA	-7,667	0,083	0,281
CHR8	7578890	CHR8:7578890	SSF x Far_LoA	-5,452	-0,185	0,287
CHR8	7578946	CHR8:7578946	SSF x Far_LoA	-8,687	-0,007	0,296
CHR8	7579133	CHR8:7579133	SSF x Far_LoA	-7,832	0,065	0,288
CHR8	7579179	CHR8:7579179	SSF x Far_LoA	-11,462	0,038	0,285
CHR8	7579195	CHR8:7579195	SSF x Far_LoA	-10,189	-0,072	0,296
CHR8	7579259	CHR8:7579259	SSF x Far_LoA	-9,651	-0,036	0,290
CHR8	7579280	CHR8:7579280	SSF x Far_LoA	-8,211	0,097	0,289
CHR8	7592167	CHR8:7592167	SSF x Far_LoA	-10,579	-0,079	0,309
CHR8	7592401	CHR8:7592401	SSF x Far_LoA	-10,813	-0,002	0,301
CHR8	7593484	CHR8:7593484	SSF x Far_LoA	-7,906	0,099	0,282
CHR8	7596321	CHR8:7596321	SSF x Far_LoA	-11,744	0,015	0,290
CHR8	7596344	CHR8:7596344	SSF x Far_LoA	-11,543	0,038	0,294
CHR8	7603712	CHR8:7603712	SSF x Far_LoA	-10,096	0,077	0,301
CHR8	7603734	CHR8:7603734	SSF x Far_LoA	-11,330	0,083	0,299
CHR8	7603747	CHR8:7603747	SSF x Far_LoA	-9,305	-0,008	0,272

CHR8	7603864	CHR8:7603864	SSF x Far_LoA	-9,395	-0,063	0,286
CHR8	7610855	CHR8:7610855	SSF x Far_LoA	-7,480	-0,063	0,296
CHR8	7610860	CHR8:7610860	SSF x Far_LoA	-8,266	0,083	0,273
CHR8	7611017	CHR8:7611017	SSF x Far_LoA	-9,580	0,105	0,287
CHR8	7619277	CHR8:7619277	SSF x Far_LoA	-9,396	-0,027	0,291
CHR8	7619297	CHR8:7619297	SSF x Far_LoA	-7,676	0,064	0,292
CHR8	7619310	CHR8:7619310	SSF x Far_LoA	-9,882	0,139	0,272
CHR8	7619355	CHR8:7619355	SSF x Far_LoA	-9,896	0,065	0,293
CHR8	7619356	CHR8:7619356	SSF x Far_LoA	-9,356	0,114	0,287
CHR8	7619397	CHR8:7619397	SSF x Far_LoA	-7,191	-0,105	0,292
CHR8	7619420	CHR8:7619420	SSF x Far_LoA	-8,277	-0,019	0,297
CHR8	7619434	CHR8:7619434	SSF x Far_LoA	-8,256	0,039	0,278
CHR8	7619438	CHR8:7619438	SSF x Far_LoA	-11,280	-0,084	0,280
CHR8	7619439	CHR8:7619439	SSF x Far_LoA	-11,011	0,026	0,287
CHR8	7619461	CHR8:7619461	SSF x Far_LoA	-8,756	0,120	0,277
CHR8	7619525	CHR8:7619525	SSF x Far_LoA	-11,544	-0,013	0,298
CHR8	7627028	CHR8:7627028	SSF x Far_LoA	-8,426	-0,004	0,283
CHR8	7630921	CHR8:7630921	SSF x Far_LoA	-3,530	0,223	0,280
CHR8	7632190	CHR8:7632190	SSF x Far_LoA	-8,476	-0,018	0,303
CHR8	7632244	CHR8:7632244	SSF x Far_LoA	-11,049	0,125	0,282
CHR8	7632328	CHR8:7632328	SSF x Far_LoA	-8,654	-0,020	0,300
CHR8	7642686	CHR8:7642686	SSF x Far_LoA	-8,795	-0,065	0,290
CHR8	7642715	CHR8:7642715	SSF x Far_LoA	-7,713	-0,129	0,296
CHR8	7642777	CHR8:7642777	SSF x Far_LoA	-9,755	0,042	0,291
CHR8	7642813	CHR8:7642813	SSF x Far_LoA	-8,302	-0,087	0,280
CHR8	7656159	CHR8:7656159	SSF x Far_LoA	-10,665	-0,034	0,289
CHR8	7656174	CHR8:7656174	SSF x Far_LoA	-9,981	0,028	0,297
CHR8	7656210	CHR8:7656210	SSF x Far_LoA	-9,520	-0,017	0,291
CHR8	7656235	CHR8:7656235	SSF x Far_LoA	-9,295	-0,138	0,286
CHR8	7664611	CHR8:7664611	SSF x Far_LoA	-9,463	0,015	0,289
CHR8	7668726	CHR8:7668726	SSF x Far_LoA	-7,643	-0,116	0,291
CHR8	7673593	CHR8:7673593	SSF x Far_LoA	-10,141	0,036	0,280
CHR8	7673637	CHR8:7673637	SSF x Far_LoA	-9,251	-0,051	0,290
CHR8	7673691	CHR8:7673691	SSF x Far_LoA	-8,666	-0,087	0,296
CHR8	7674581	CHR8:7674581	SSF x Far_LoA	-10,200	-0,027	0,286
CHR8	7674641	CHR8:7674641	SSF x Far_LoA	-8,280	-0,042	0,294
CHR8	7674668	CHR8:7674668	SSF x Far_LoA	-8,395	-0,049	0,286
CHR8	7679332	CHR8:7679332	SSF x Far_LoA	-12,132	0,094	0,280
CHR8	7679421	CHR8:7679421	SSF x Far_LoA	-10,775	0,021	0,285
CHR8	7679422	CHR8:7679422	SSF x Far_LoA	-10,310	-0,039	0,296
CHR8	7679425	CHR8:7679425	SSF x Far_LoA	-9,091	0,039	0,308
CHR8	7679488	CHR8:7679488	SSF x Far_LoA	-11,987	0,046	0,296
CHR8	7684781	CHR8:7684781	SSF x Far_LoA	-8,511	-0,020	0,290
CHR8	7704572	CHR8:7704572	SSF x Far_LoA	-9,513	0,032	0,279
CHR8	7704656	CHR8:7704656	SSF x Far_LoA	-10,971	0,005	0,293
CHR8	7708897	CHR8:7708897	SSF x Far_LoA	-8,950	0,071	0,299
CHR8	7716974	CHR8:7716974	SSF x Far_LoA	-8,250	0,029	0,291
CHR8	7722362	CHR8:7722362	SSF x Far_LoA	-6,889	0,047	0,292
CHR8	7722442	CHR8:7722442	SSF x Far_LoA	-10,658	0,134	0,294
CHR8	7722614	CHR8:7722614	SSF x Far_LoA	-8,992	-0,039	0,278
CHR8	7746405	CHR8:7746405	SSF x Far_LoA	-5,415	0,090	0,298
CHR8	7746507	CHR8:7746507	SSF x Far_LoA	-8,839	-0,001	0,290
CHR8	7755748	CHR8:7755748	SSF x Far_LoA	-11,332	0,066	0,289

CHR8	7755767	CHR8:7755767	SSF x Far_LoA	-4,506	-0,185	0,275
CHR8	7755832	CHR8:7755832	SSF x Far_LoA	-5,128	0,231	0,275
CHR8	7757014	CHR8:7757014	SSF x Far_LoA	-11,037	-0,011	0,296
CHR8	7769491	CHR8:7769491	SSF x Far_LoA	-10,163	0,052	0,283
CHR8	7769597	CHR8:7769597	SSF x Far_LoA	-10,668	-0,004	0,305
CHR8	7787515	CHR8:7787515	SSF x Far_LoA	-8,995	0,003	0,302
CHR8	7787742	CHR8:7787742	SSF x Far_LoA	-9,876	-0,058	0,297
CHR8	7797917	CHR8:7797917	SSF x Far_LoA	-6,884	-0,129	0,297
CHR8	7797971	CHR8:7797971	SSF x Far_LoA	-11,160	-0,008	0,290
CHR8	7798059	CHR8:7798059	SSF x Far_LoA	-8,779	0,066	0,294
CHR8	7798069	CHR8:7798069	SSF x Far_LoA	-10,056	-0,037	0,310
CHR8	7798070	CHR8:7798070	SSF x Far_LoA	-11,334	-0,031	0,297
CHR8	7803449	CHR8:7803449	SSF x Far_LoA	-11,988	0,040	0,285
CHR8	7803721	CHR8:7803721	SSF x Far_LoA	-11,383	-0,044	0,303
CHR8	7803886	CHR8:7803886	SSF x Far_LoA	-11,168	-0,049	0,295
CHR8	7810605	CHR8:7810605	SSF x Far_LoA	-6,351	-0,167	0,282
CHR8	7810650	CHR8:7810650	SSF x Far_LoA	-8,567	0,062	0,288
CHR8	7810652	CHR8:7810652	SSF x Far_LoA	-3,265	-0,199	0,282
CHR8	7810685	CHR8:7810685	SSF x Far_LoA	4,438	0,269	0,270
CHR8	7819042	CHR8:7819042	SSF x Far_LoA	-10,660	0,084	0,288
CHR8	7819138	CHR8:7819138	SSF x Far_LoA	-6,595	0,084	0,285
CHR8	7819167	CHR8:7819167	SSF x Far_LoA	-8,551	-0,002	0,268
CHR8	7821048	CHR8:7821048	SSF x Far_LoA	-8,793	0,095	0,302
CHR8	7821201	CHR8:7821201	SSF x Far_LoA	-10,952	0,045	0,296
CHR8	7822312	CHR8:7822312	SSF x Far_LoA	-9,731	0,048	0,268
CHR8	7826577	CHR8:7826577	SSF x Far_LoA	-6,467	-0,076	0,290
CHR8	7826708	CHR8:7826708	SSF x Far_LoA	-10,071	0,097	0,294
CHR8	7826731	CHR8:7826731	SSF x Far_LoA	-11,033	0,035	0,283
CHR8	7826732	CHR8:7826732	SSF x Far_LoA	-10,060	0,110	0,277
CHR8	7826798	CHR8:7826798	SSF x Far_LoA	-7,980	0,038	0,301
CHR8	7826822	CHR8:7826822	SSF x Far_LoA	2,245	-0,037	0,303
CHR8	7828085	CHR8:7828085	SSF x Far_LoA	-8,243	-0,033	0,285
CHR8	7828189	CHR8:7828189	SSF x Far_LoA	-0,493	-0,062	0,289
CHR8	7834394	CHR8:7834394	SSF x Far_LoA	4,376	0,005	0,306
CHR8	7861020	CHR8:7861020	SSF x Far_LoA	-9,306	-0,007	0,281
CHR8	7875052	CHR8:7875052	SSF x Far_LoA	-8,314	0,058	0,290
CHR8	7875112	CHR8:7875112	SSF x Far_LoA	-7,497	0,101	0,282
CHR8	7875190	CHR8:7875190	SSF x Far_LoA	-9,827	0,040	0,309
CHR8	7875196	CHR8:7875196	SSF x Far_LoA	-10,577	0,108	0,287
CHR8	7875220	CHR8:7875220	SSF x Far_LoA	-11,954	0,038	0,288
CHR8	7880420	CHR8:7880420	SSF x Far_LoA	-8,917	-0,007	0,289
CHR8	7880668	CHR8:7880668	SSF x Far_LoA	-9,051	-0,059	0,290
CHR8	7880732	CHR8:7880732	SSF x Far_LoA	-11,466	0,026	0,304
CHR8	7880763	CHR8:7880763	SSF x Far_LoA	-5,494	0,093	0,310
CHR8	7880777	CHR8:7880777	SSF x Far_LoA	-8,871	0,029	0,292
CHR8	7880787	CHR8:7880787	SSF x Far_LoA	-8,820	0,023	0,303
CHR8	7883458	CHR8:7883458	SSF x Far_LoA	-8,415	-0,073	0,301
CHR8	7883630	CHR8:7883630	SSF x Far_LoA	-10,603	-0,003	0,294
CHR8	7884550	CHR8:7884550	SSF x Far_LoA	0,466	0,005	0,306
CHR8	7884661	CHR8:7884661	SSF x Far_LoA	-9,095	-0,019	0,295
CHR8	7884680	CHR8:7884680	SSF x Far_LoA	-8,254	0,059	0,294
CHR8	7884720	CHR8:7884720	SSF x Far_LoA	-12,013	0,013	0,287
CHR8	7884743	CHR8:7884743	SSF x Far_LoA	-8,869	0,063	0,289

CHR8	7904571	CHR8:7904571	SSF x Far_LoA	-7,412	-0,125	0,278
CHR8	7904581	CHR8:7904581	SSF x Far_LoA	-7,204	-0,102	0,277
CHR8	7904621	CHR8:7904621	SSF x Far_LoA	-6,774	-0,126	0,285
CHR8	7904651	CHR8:7904651	SSF x Far_LoA	-8,890	0,042	0,295
CHR8	7904680	CHR8:7904680	SSF x Far_LoA	-11,616	0,007	0,302
CHR8	7904891	CHR8:7904891	SSF x Far_LoA	-9,430	-0,067	0,279
CHR8	7904935	CHR8:7904935	SSF x Far_LoA	-10,303	0,043	0,295
CHR8	7905014	CHR8:7905014	SSF x Far_LoA	-8,655	0,042	0,297
CHR8	7923112	CHR8:7923112	SSF x Far_LoA	-9,272	0,011	0,276
CHR8	7923132	CHR8:7923132	SSF x Far_LoA	-9,940	0,068	0,273
CHR8	7923244	CHR8:7923244	SSF x Far_LoA	-10,008	-0,062	0,290
CHR8	7931251	CHR8:7931251	SSF x Far_LoA	-7,569	0,123	0,283
CHR8	7931253	CHR8:7931253	SSF x Far_LoA	-6,414	-0,133	0,292
CHR8	7954519	CHR8:7954519	SSF x Far_LoA	-6,820	0,140	0,281
CHR8	7954556	CHR8:7954556	SSF x Far_LoA	-5,304	0,153	0,290
CHR8	7954566	CHR8:7954566	SSF x Far_LoA	-6,981	0,164	0,290
CHR8	7955240	CHR8:7955240	SSF x Far_LoA	-9,529	0,031	0,291
CHR8	7955324	CHR8:7955324	SSF x Far_LoA	-10,096	-0,114	0,293
CHR8	7970442	CHR8:7970442	SSF x Far_LoA	-10,848	0,054	0,282
CHR8	7972617	CHR8:7972617	SSF x Far_LoA	-6,958	-0,180	0,276
CHR8	7972638	CHR8:7972638	SSF x Far_LoA	-7,915	0,022	0,277
CHR8	7972718	CHR8:7972718	SSF x Far_LoA	-8,617	-0,162	0,281
CHR8	7972738	CHR8:7972738	SSF x Far_LoA	-3,172	-0,072	0,287
CHR8	7993370	CHR8:7993370	SSF x Far_LoA	-11,238	-0,061	0,294
CHR8	7993505	CHR8:7993505	SSF x Far_LoA	-11,265	0,062	0,279
CHR8	7995468	CHR8:7995468	SSF x Far_LoA	-6,194	-0,162	0,291
CHR8	7995551	CHR8:7995551	SSF x Far_LoA	-11,686	0,099	0,285
CHR8	7995733	CHR8:7995733	SSF x Far_LoA	-9,565	-0,008	0,305
CHR8	7995748	CHR8:7995748	SSF x Far_LoA	-11,706	0,002	0,280
CHR8	7995806	CHR8:7995806	SSF x Far_LoA	-11,191	0,003	0,288
CHR8	8003642	CHR8:8003642	SSF x Far_LoA	-7,190	0,072	0,306
CHR8	8009692	CHR8:8009692	SSF x Far_LoA	-10,209	0,109	0,292
CHR8	8009696	CHR8:8009696	SSF x Far_LoA	-8,747	-0,085	0,282
CHR8	8009698	CHR8:8009698	SSF x Far_LoA	-8,926	-0,085	0,287
CHR8	8009789	CHR8:8009789	SSF x Far_LoA	-9,077	-0,042	0,284
CHR8	8009820	CHR8:8009820	SSF x Far_LoA	-11,767	-0,003	0,287
CHR8	8009862	CHR8:8009862	SSF x Far_LoA	-8,633	-0,017	0,293
CHR8	8009892	CHR8:8009892	SSF x Far_LoA	-10,650	0,054	0,290
CHR8	8009897	CHR8:8009897	SSF x Far_LoA	-9,435	0,021	0,304
CHR8	8009904	CHR8:8009904	SSF x Far_LoA	-9,433	-0,144	0,280
CHR8	8009912	CHR8:8009912	SSF x Far_LoA	-8,522	0,010	0,298
CHR8	8009930	CHR8:8009930	SSF x Far_LoA	-9,964	-0,028	0,301
CHR8	8036426	CHR8:8036426	SSF x Far_LoA	-8,695	-0,046	0,296
CHR8	8036478	CHR8:8036478	SSF x Far_LoA	-5,696	0,000	0,294
CHR8	8036570	CHR8:8036570	SSF x Far_LoA	-8,622	0,047	0,286
CHR8	8036571	CHR8:8036571	SSF x Far_LoA	-7,913	0,122	0,284
CHR8	8036607	CHR8:8036607	SSF x Far_LoA	-6,454	0,003	0,286
CHR8	8041313	CHR8:8041313	SSF x Far_LoA	-8,605	-0,001	0,282
CHR8	8041370	CHR8:8041370	SSF x Far_LoA	-7,761	0,007	0,294
CHR8	8043407	CHR8:8043407	SSF x Far_LoA	-6,334	0,172	0,288
CHR8	8043414	CHR8:8043414	SSF x Far_LoA	-7,872	-0,087	0,280
CHR8	8053066	CHR8:8053066	SSF x Far_LoA	-8,686	-0,079	0,284
CHR8	8053451	CHR8:8053451	SSF x Far_LoA	-10,039	-0,103	0,288

CHR8	8084424	CHR8:8084424	SSF x Far_LoA	-9,719	-0,004	0,301
CHR8	8085366	CHR8:8085366	SSF x Far_LoA	-7,927	-0,124	0,294
CHR8	8085548	CHR8:8085548	SSF x Far_LoA	-8,161	-0,072	0,293
CHR8	8085573	CHR8:8085573	SSF x Far_LoA	-10,138	-0,123	0,297
CHR8	8088163	CHR8:8088163	SSF x Far_LoA	-11,390	0,009	0,280
CHR8	8088211	CHR8:8088211	SSF x Far_LoA	-7,951	0,066	0,291
CHR8	8092017	CHR8:8092017	SSF x Far_LoA	-7,950	-0,023	0,302
CHR8	8121235	CHR8:8121235	SSF x Far_LoA	-10,919	0,010	0,296
CHR8	8146615	CHR8:8146615	SSF x Far_LoA	-7,093	-0,004	0,296
CHR8	8146661	CHR8:8146661	SSF x Far_LoA	-11,737	0,029	0,276
CHR8	8146670	CHR8:8146670	SSF x Far_LoA	-6,712	-0,101	0,288
CHR8	8151963	CHR8:8151963	SSF x Far_LoA	-8,516	0,072	0,290
CHR8	8152066	CHR8:8152066	SSF x Far_LoA	-8,831	-0,004	0,280
CHR8	8152206	CHR8:8152206	SSF x Far_LoA	-8,513	0,020	0,294
CHR8	8152218	CHR8:8152218	SSF x Far_LoA	-5,220	0,050	0,301
CHR8	8154211	CHR8:8154211	SSF x Far_LoA	-11,587	-0,012	0,288
CHR8	8154257	CHR8:8154257	SSF x Far_LoA	-8,287	-0,076	0,291
CHR8	8158473	CHR8:8158473	SSF x Far_LoA	-7,104	-0,007	0,282
CHR8	8159439	CHR8:8159439	SSF x Far_LoA	-10,654	0,125	0,286
CHR8	8159469	CHR8:8159469	SSF x Far_LoA	-9,025	0,054	0,289
CHR8	8172103	CHR8:8172103	SSF x Far_LoA	-6,765	-0,116	0,299
CHR8	8172157	CHR8:8172157	SSF x Far_LoA	-5,271	0,156	0,294
CHR8	8172331	CHR8:8172331	SSF x Far_LoA	-8,543	-0,075	0,290
CHR8	8178451	CHR8:8178451	SSF x Far_LoA	-5,285	-0,085	0,285
CHR8	8214547	CHR8:8214547	SSF x Far_LoA	5,388	0,081	0,286
CHR8	8214569	CHR8:8214569	SSF x Far_LoA	-8,343	0,041	0,292
CHR8	8214627	CHR8:8214627	SSF x Far_LoA	-8,291	0,139	0,289
CHR8	8218435	CHR8:8218435	SSF x Far_LoA	-11,444	0,001	0,284
CHR8	8218444	CHR8:8218444	SSF x Far_LoA	-10,531	0,022	0,290
CHR8	8218585	CHR8:8218585	SSF x Far_LoA	-8,072	-0,121	0,298
CHR8	8224699	CHR8:8224699	SSF x Far_LoA	-7,443	-0,110	0,287
CHR8	8224704	CHR8:8224704	SSF x Far_LoA	-8,906	-0,132	0,272
CHR8	8224731	CHR8:8224731	SSF x Far_LoA	-8,235	-0,111	0,298
CHR8	8224762	CHR8:8224762	SSF x Far_LoA	-4,444	-0,134	0,291
CHR8	8224771	CHR8:8224771	SSF x Far_LoA	-3,968	-0,133	0,283
CHR8	8224879	CHR8:8224879	SSF x Far_LoA	-11,368	-0,091	0,285
CHR8	8225018	CHR8:8225018	SSF x Far_LoA	7,958	-0,091	0,281
CHR8	8243774	CHR8:8243774	SSF x Far_LoA	-10,322	-0,030	0,290
CHR8	8243786	CHR8:8243786	SSF x Far_LoA	-10,060	0,127	0,285
CHR8	8246617	CHR8:8246617	SSF x Far_LoA	-10,168	0,065	0,280
CHR8	8246645	CHR8:8246645	SSF x Far_LoA	-9,610	0,139	0,286
CHR8	8246656	CHR8:8246656	SSF x Far_LoA	1,320	0,269	0,270
CHR8	8246713	CHR8:8246713	SSF x Far_LoA	-9,743	-0,074	0,267
CHR8	8246733	CHR8:8246733	SSF x Far_LoA	-7,172	-0,071	0,310
CHR8	824722	CHR8:824722	SSF x Far_LoA	-8,708	0,073	0,281
CHR8	824789	CHR8:824789	SSF x Far_LoA	-8,669	0,048	0,303
CHR8	824894	CHR8:824894	SSF x Far_LoA	-11,461	0,010	0,291
CHR8	8262071	CHR8:8262071	SSF x Far_LoA	-9,857	-0,047	0,287
CHR8	8262096	CHR8:8262096	SSF x Far_LoA	-8,981	-0,067	0,291
CHR8	8262117	CHR8:8262117	SSF x Far_LoA	-7,698	-0,061	0,296
CHR8	8262213	CHR8:8262213	SSF x Far_LoA	-4,645	0,039	0,297
CHR8	8262398	CHR8:8262398	SSF x Far_LoA	-7,953	0,056	0,293
CHR8	8289883	CHR8:8289883	SSF x Far_LoA	-11,775	0,030	0,279

CHR8	8289892	CHR8:8289892	SSF x Far_LoA	-9,909	-0,003	0,287
CHR8	8289908	CHR8:8289908	SSF x Far_LoA	-9,073	0,050	0,281
CHR8	8289953	CHR8:8289953	SSF x Far_LoA	-7,562	0,184	0,281
CHR8	8289958	CHR8:8289958	SSF x Far_LoA	1,506	0,203	0,289
CHR8	8289964	CHR8:8289964	SSF x Far_LoA	-10,665	-0,066	0,291
CHR8	8289973	CHR8:8289973	SSF x Far_LoA	-4,798	0,177	0,280
CHR8	8289989	CHR8:8289989	SSF x Far_LoA	-9,174	0,102	0,289
CHR8	8290018	CHR8:8290018	SSF x Far_LoA	-7,793	0,096	0,299
CHR8	8316531	CHR8:8316531	SSF x Far_LoA	-9,233	-0,060	0,294
CHR8	8316610	CHR8:8316610	SSF x Far_LoA	-9,712	-0,078	0,296
CHR8	8316682	CHR8:8316682	SSF x Far_LoA	-10,533	-0,059	0,297
CHR8	8332959	CHR8:8332959	SSF x Far_LoA	-9,970	-0,018	0,301
CHR8	8395802	CHR8:8395802	SSF x Far_LoA	-5,721	-0,082	0,287
CHR8	8395823	CHR8:8395823	SSF x Far_LoA	-7,467	-0,049	0,290
CHR8	8395890	CHR8:8395890	SSF x Far_LoA	-10,021	0,002	0,298
CHR8	8395942	CHR8:8395942	SSF x Far_LoA	-5,955	-0,087	0,278
CHR8	8395952	CHR8:8395952	SSF x Far_LoA	-9,096	0,016	0,289
CHR8	842157	CHR8:842157	SSF x Far_LoA	-9,888	0,092	0,305
CHR8	8424732	CHR8:8424732	SSF x Far_LoA	-9,508	-0,010	0,299
CHR8	8424776	CHR8:8424776	SSF x Far_LoA	-11,106	-0,007	0,296
CHR8	8424906	CHR8:8424906	SSF x Far_LoA	-7,547	0,059	0,308
CHR8	8424915	CHR8:8424915	SSF x Far_LoA	-10,660	-0,010	0,290
CHR8	8431846	CHR8:8431846	SSF x Far_LoA	-7,941	0,149	0,291
CHR8	8432057	CHR8:8432057	SSF x Far_LoA	-9,545	-0,157	0,285
CHR8	8432091	CHR8:8432091	SSF x Far_LoA	-9,954	-0,113	0,267
CHR8	8436979	CHR8:8436979	SSF x Far_LoA	-9,136	-0,015	0,296
CHR8	8436981	CHR8:8436981	SSF x Far_LoA	-8,359	-0,046	0,300
CHR8	8436988	CHR8:8436988	SSF x Far_LoA	-6,824	-0,015	0,294
CHR8	8436992	CHR8:8436992	SSF x Far_LoA	-9,614	-0,004	0,291
CHR8	8437014	CHR8:8437014	SSF x Far_LoA	-8,163	-0,009	0,281
CHR8	8437122	CHR8:8437122	SSF x Far_LoA	-10,024	0,024	0,285
CHR8	8437209	CHR8:8437209	SSF x Far_LoA	-8,230	-0,149	0,281
CHR8	846004	CHR8:846004	SSF x Far_LoA	-9,470	0,035	0,303
CHR8	846047	CHR8:846047	SSF x Far_LoA	-8,996	-0,016	0,290
CHR8	8475127	CHR8:8475127	SSF x Far_LoA	-5,979	0,025	0,277
CHR8	8475247	CHR8:8475247	SSF x Far_LoA	-8,148	0,076	0,297
CHR8	8475324	CHR8:8475324	SSF x Far_LoA	-9,842	-0,006	0,274
CHR8	8484194	CHR8:8484194	SSF x Far_LoA	-6,358	-0,129	0,288
CHR8	8484239	CHR8:8484239	SSF x Far_LoA	-7,403	-0,140	0,277
CHR8	8484240	CHR8:8484240	SSF x Far_LoA	-10,553	-0,087	0,285
CHR8	8484362	CHR8:8484362	SSF x Far_LoA	-9,024	-0,172	0,273
CHR8	8484389	CHR8:8484389	SSF x Far_LoA	-11,075	-0,072	0,281
CHR8	8508467	CHR8:8508467	SSF x Far_LoA	-8,310	-0,005	0,281
CHR8	8514452	CHR8:8514452	SSF x Far_LoA	5,390	0,066	0,302
CHR8	8514507	CHR8:8514507	SSF x Far_LoA	-8,602	0,039	0,303
CHR8	8514645	CHR8:8514645	SSF x Far_LoA	-9,449	0,021	0,286
CHR8	8519598	CHR8:8519598	SSF x Far_LoA	-7,194	0,028	0,278
CHR8	8526884	CHR8:8526884	SSF x Far_LoA	-8,270	-0,157	0,278
CHR8	8533725	CHR8:8533725	SSF x Far_LoA	-0,483	-0,141	0,288
CHR8	8533857	CHR8:8533857	SSF x Far_LoA	-8,266	0,153	0,287
CHR8	8553769	CHR8:8553769	SSF x Far_LoA	-8,657	0,036	0,280
CHR8	8553827	CHR8:8553827	SSF x Far_LoA	-7,651	0,060	0,288
CHR8	8554012	CHR8:8554012	SSF x Far_LoA	-6,868	-0,134	0,288

CHR8	8599914	CHR8:8599914	SSF x Far_LoA	-8,995	-0,088	0,290
CHR8	8600002	CHR8:8600002	SSF x Far_LoA	-7,200	-0,133	0,292
CHR8	8606372	CHR8:8606372	SSF x Far_LoA	-7,310	0,032	0,306
CHR8	8606387	CHR8:8606387	SSF x Far_LoA	-8,740	0,005	0,303
CHR8	8625236	CHR8:8625236	SSF x Far_LoA	-12,184	-0,039	0,292
CHR8	8625317	CHR8:8625317	SSF x Far_LoA	-10,908	-0,015	0,300
CHR8	8627648	CHR8:8627648	SSF x Far_LoA	-9,656	0,085	0,305
CHR8	8643697	CHR8:8643697	SSF x Far_LoA	-9,749	-0,126	0,280
CHR8	8644128	CHR8:8644128	SSF x Far_LoA	-10,098	0,086	0,294
CHR8	8646641	CHR8:8646641	SSF x Far_LoA	-8,955	0,076	0,283
CHR8	8646901	CHR8:8646901	SSF x Far_LoA	-10,873	-0,079	0,280
CHR8	8646970	CHR8:8646970	SSF x Far_LoA	-9,579	-0,070	0,294
CHR8	864832	CHR8:864832	SSF x Far_LoA	-7,598	0,003	0,292
CHR8	865635	CHR8:865635	SSF x Far_LoA	-9,497	0,049	0,298
CHR8	865637	CHR8:865637	SSF x Far_LoA	-11,501	0,072	0,280
CHR8	865641	CHR8:865641	SSF x Far_LoA	-9,607	0,086	0,283
CHR8	8657502	CHR8:8657502	SSF x Far_LoA	-10,370	-0,027	0,295
CHR8	8657532	CHR8:8657532	SSF x Far_LoA	-9,539	0,034	0,309
CHR8	8657587	CHR8:8657587	SSF x Far_LoA	-9,167	0,067	0,301
CHR8	865935	CHR8:865935	SSF x Far_LoA	-6,545	0,156	0,278
CHR8	865965	CHR8:865965	SSF x Far_LoA	-8,874	0,009	0,295
CHR8	865984	CHR8:865984	SSF x Far_LoA	-7,320	-0,049	0,292
CHR8	866024	CHR8:866024	SSF x Far_LoA	-7,843	-0,092	0,310
CHR8	866042	CHR8:866042	SSF x Far_LoA	-6,138	-0,030	0,301
CHR8	8675662	CHR8:8675662	SSF x Far_LoA	-11,789	0,068	0,285
CHR8	8675716	CHR8:8675716	SSF x Far_LoA	-8,648	0,042	0,291
CHR8	8677378	CHR8:8677378	SSF x Far_LoA	-9,963	-0,001	0,283
CHR8	8677481	CHR8:8677481	SSF x Far_LoA	-10,558	0,004	0,292
CHR8	8677493	CHR8:8677493	SSF x Far_LoA	-8,683	0,014	0,285
CHR8	8684542	CHR8:8684542	SSF x Far_LoA	-9,622	0,014	0,282
CHR8	8684543	CHR8:8684543	SSF x Far_LoA	-12,134	-0,043	0,292
CHR8	8684570	CHR8:8684570	SSF x Far_LoA	-11,142	0,039	0,297
CHR8	8684665	CHR8:8684665	SSF x Far_LoA	-9,893	-0,016	0,293
CHR8	8684702	CHR8:8684702	SSF x Far_LoA	-9,344	0,109	0,283
CHR8	8684717	CHR8:8684717	SSF x Far_LoA	-10,281	-0,018	0,293
CHR8	8689573	CHR8:8689573	SSF x Far_LoA	-11,139	0,040	0,281
CHR8	8701251	CHR8:8701251	SSF x Far_LoA	-10,701	0,094	0,294
CHR8	8701363	CHR8:8701363	SSF x Far_LoA	-12,180	0,076	0,269
CHR8	8701399	CHR8:8701399	SSF x Far_LoA	-10,750	-0,006	0,295
CHR8	8729210	CHR8:8729210	SSF x Far_LoA	-10,207	-0,031	0,276
CHR8	8731668	CHR8:8731668	SSF x Far_LoA	-9,332	-0,111	0,286
CHR8	8737785	CHR8:8737785	SSF x Far_LoA	-9,269	-0,107	0,279
CHR8	8737789	CHR8:8737789	SSF x Far_LoA	-9,077	0,011	0,294
CHR8	8737810	CHR8:8737810	SSF x Far_LoA	-7,243	0,045	0,276
CHR8	8737880	CHR8:8737880	SSF x Far_LoA	-9,257	0,063	0,278
CHR8	8737905	CHR8:8737905	SSF x Far_LoA	-8,345	-0,091	0,262
CHR8	8737934	CHR8:8737934	SSF x Far_LoA	0,299	-0,007	0,294
CHR8	8737955	CHR8:8737955	SSF x Far_LoA	-8,982	-0,099	0,293
CHR8	8738928	CHR8:8738928	SSF x Far_LoA	-10,330	0,030	0,279
CHR8	8739090	CHR8:8739090	SSF x Far_LoA	-11,543	-0,011	0,277
CHR8	8748514	CHR8:8748514	SSF x Far_LoA	-9,729	-0,136	0,275
CHR8	8748525	CHR8:8748525	SSF x Far_LoA	-9,619	0,099	0,289
CHR8	8748587	CHR8:8748587	SSF x Far_LoA	-10,894	0,015	0,303

CHR8	8748642	CHR8:8748642	SSF x Far_LoA	-11,427	-0,001	0,293
CHR8	8748742	CHR8:8748742	SSF x Far_LoA	-9,511	0,016	0,309
CHR8	8750509	CHR8:8750509	SSF x Far_LoA	-6,947	-0,130	0,299
CHR8	8750581	CHR8:8750581	SSF x Far_LoA	-10,687	0,002	0,298
CHR8	8758283	CHR8:8758283	SSF x Far_LoA	-9,005	0,139	0,299
CHR8	8758344	CHR8:8758344	SSF x Far_LoA	-8,098	-0,049	0,292
CHR8	8758352	CHR8:8758352	SSF x Far_LoA	-9,914	0,120	0,295
CHR8	8776826	CHR8:8776826	SSF x Far_LoA	-7,407	0,070	0,293
CHR8	8776903	CHR8:8776903	SSF x Far_LoA	-8,895	-0,046	0,286
CHR8	8777019	CHR8:8777019	SSF x Far_LoA	-9,045	-0,028	0,274
CHR8	880242	CHR8:880242	SSF x Far_LoA	-10,529	-0,071	0,293
CHR8	8805044	CHR8:8805044	SSF x Far_LoA	-8,151	-0,041	0,312
CHR8	8805104	CHR8:8805104	SSF x Far_LoA	-8,800	0,006	0,300
CHR8	8805124	CHR8:8805124	SSF x Far_LoA	-9,629	0,029	0,296
CHR8	8805294	CHR8:8805294	SSF x Far_LoA	-10,920	-0,045	0,291
CHR8	8805304	CHR8:8805304	SSF x Far_LoA	-10,581	0,122	0,278
CHR8	8810301	CHR8:8810301	SSF x Far_LoA	-11,199	-0,018	0,289
CHR8	8815804	CHR8:8815804	SSF x Far_LoA	-10,671	-0,002	0,286
CHR8	8815915	CHR8:8815915	SSF x Far_LoA	-8,135	-0,058	0,286
CHR8	8818017	CHR8:8818017	SSF x Far_LoA	-9,003	-0,054	0,285
CHR8	8821972	CHR8:8821972	SSF x Far_LoA	-9,088	0,055	0,282
CHR8	8822160	CHR8:8822160	SSF x Far_LoA	-11,428	0,078	0,296
CHR8	8822161	CHR8:8822161	SSF x Far_LoA	-10,665	0,090	0,288
CHR8	8824474	CHR8:8824474	SSF x Far_LoA	-11,947	0,012	0,296
CHR8	8824605	CHR8:8824605	SSF x Far_LoA	-9,755	-0,045	0,309
CHR8	8834160	CHR8:8834160	SSF x Far_LoA	-9,758	0,068	0,295
CHR8	8841633	CHR8:8841633	SSF x Far_LoA	-8,280	0,069	0,286
CHR8	8871647	CHR8:8871647	SSF x Far_LoA	-8,735	0,081	0,290
CHR8	8871840	CHR8:8871840	SSF x Far_LoA	-8,142	0,146	0,268
CHR8	8871850	CHR8:8871850	SSF x Far_LoA	-5,700	0,096	0,291
CHR8	8871966	CHR8:8871966	SSF x Far_LoA	-10,809	-0,054	0,285
CHR8	8889705	CHR8:8889705	SSF x Far_LoA	-7,940	0,082	0,267
CHR8	8889796	CHR8:8889796	SSF x Far_LoA	-9,361	-0,100	0,267
CHR8	8891598	CHR8:8891598	SSF x Far_LoA	-8,323	0,023	0,301
CHR8	8891634	CHR8:8891634	SSF x Far_LoA	-8,518	-0,034	0,301
CHR8	8891640	CHR8:8891640	SSF x Far_LoA	-7,952	-0,027	0,285
CHR8	8894852	CHR8:8894852	SSF x Far_LoA	-8,527	-0,101	0,293
CHR8	8895012	CHR8:8895012	SSF x Far_LoA	-8,167	-0,135	0,286
CHR8	8895028	CHR8:8895028	SSF x Far_LoA	-9,024	-0,113	0,281
CHR8	8922697	CHR8:8922697	SSF x Far_LoA	-9,678	-0,107	0,290
CHR8	8930162	CHR8:8930162	SSF x Far_LoA	-11,219	-0,026	0,287
CHR8	8942875	CHR8:8942875	SSF x Far_LoA	-9,475	-0,081	0,298
CHR8	8944264	CHR8:8944264	SSF x Far_LoA	-7,553	-0,119	0,267
CHR8	8954783	CHR8:8954783	SSF x Far_LoA	-10,998	0,013	0,314
CHR8	8957685	CHR8:8957685	SSF x Far_LoA	-8,876	-0,067	0,292
CHR8	8959745	CHR8:8959745	SSF x Far_LoA	-9,591	0,026	0,293
CHR8	8960011	CHR8:8960011	SSF x Far_LoA	-11,622	-0,038	0,296
CHR8	8987126	CHR8:8987126	SSF x Far_LoA	-11,715	-0,020	0,297
CHR8	8987387	CHR8:8987387	SSF x Far_LoA	-9,790	0,002	0,300
CHR8	8991165	CHR8:8991165	SSF x Far_LoA	-5,808	-0,082	0,286
CHR8	9007650	CHR8:9007650	SSF x Far_LoA	-7,770	0,167	0,288
CHR8	9018157	CHR8:9018157	SSF x Far_LoA	-7,217	-0,158	0,285
CHR8	9018167	CHR8:9018167	SSF x Far_LoA	-5,659	-0,150	0,286

CHR8	9018327	CHR8:9018327	SSF x Far_LoA	-7,924	0,076	0,303
CHR8	9024806	CHR8:9024806	SSF x Far_LoA	-9,327	-0,002	0,295
CHR8	9024858	CHR8:9024858	SSF x Far_LoA	-9,966	-0,114	0,283
CHR8	9024892	CHR8:9024892	SSF x Far_LoA	-10,392	0,103	0,291
CHR8	9024935	CHR8:9024935	SSF x Far_LoA	-5,160	0,183	0,283
CHR8	9032617	CHR8:9032617	SSF x Far_LoA	-8,500	-0,159	0,294
CHR8	9032703	CHR8:9032703	SSF x Far_LoA	-5,688	0,007	0,279
CHR8	9032907	CHR8:9032907	SSF x Far_LoA	-10,040	-0,048	0,303
CHR8	9041491	CHR8:9041491	SSF x Far_LoA	-6,386	0,148	0,301
CHR8	9041494	CHR8:9041494	SSF x Far_LoA	-6,632	-0,148	0,286
CHR8	9041554	CHR8:9041554	SSF x Far_LoA	-8,751	-0,112	0,266
CHR8	9041595	CHR8:9041595	SSF x Far_LoA	-6,839	-0,073	0,303
CHR8	9041613	CHR8:9041613	SSF x Far_LoA	-8,851	-0,089	0,305
CHR8	9042904	CHR8:9042904	SSF x Far_LoA	-7,486	0,099	0,287
CHR8	9073348	CHR8:9073348	SSF x Far_LoA	-8,047	0,023	0,286
CHR8	9073355	CHR8:9073355	SSF x Far_LoA	-9,730	0,025	0,292
CHR8	9074836	CHR8:9074836	SSF x Far_LoA	-7,182	-0,139	0,287
CHR8	9079361	CHR8:9079361	SSF x Far_LoA	-11,396	0,054	0,283
CHR8	9079397	CHR8:9079397	SSF x Far_LoA	-6,395	0,126	0,291
CHR8	9079409	CHR8:9079409	SSF x Far_LoA	-8,753	0,141	0,287
CHR8	9079410	CHR8:9079410	SSF x Far_LoA	-11,045	0,053	0,287
CHR8	9079573	CHR8:9079573	SSF x Far_LoA	-9,097	-0,019	0,284
CHR8	9079679	CHR8:9079679	SSF x Far_LoA	-9,607	-0,045	0,317
CHR8	9082958	CHR8:9082958	SSF x Far_LoA	-9,362	0,055	0,305
CHR8	9083005	CHR8:9083005	SSF x Far_LoA	-9,621	0,068	0,287
CHR8	9083142	CHR8:9083142	SSF x Far_LoA	-7,618	0,074	0,302
CHR8	9086777	CHR8:9086777	SSF x Far_LoA	-5,681	0,061	0,304
CHR8	9091450	CHR8:9091450	SSF x Far_LoA	-10,292	-0,047	0,283
CHR8	9091547	CHR8:9091547	SSF x Far_LoA	-10,676	0,102	0,284
CHR8	9091615	CHR8:9091615	SSF x Far_LoA	-6,832	-0,140	0,280
CHR8	9091618	CHR8:9091618	SSF x Far_LoA	-8,939	-0,078	0,286
CHR8	9091672	CHR8:9091672	SSF x Far_LoA	-7,455	-0,051	0,294
CHR8	9101965	CHR8:9101965	SSF x Far_LoA	-8,273	-0,094	0,290
CHR8	9106210	CHR8:9106210	SSF x Far_LoA	-7,984	0,066	0,282
CHR8	9106240	CHR8:9106240	SSF x Far_LoA	-11,103	0,071	0,292
CHR8	9106253	CHR8:9106253	SSF x Far_LoA	-7,022	0,134	0,284
CHR8	9106281	CHR8:9106281	SSF x Far_LoA	-8,677	0,073	0,282
CHR8	9106355	CHR8:9106355	SSF x Far_LoA	-8,948	-0,013	0,304
CHR8	9106367	CHR8:9106367	SSF x Far_LoA	-7,262	-0,138	0,290
CHR8	9109050	CHR8:9109050	SSF x Far_LoA	-9,640	-0,068	0,309
CHR8	9109251	CHR8:9109251	SSF x Far_LoA	-7,920	-0,159	0,296
CHR8	9109256	CHR8:9109256	SSF x Far_LoA	-9,109	-0,145	0,300
CHR8	9109339	CHR8:9109339	SSF x Far_LoA	-8,026	0,037	0,295
CHR8	9118995	CHR8:9118995	SSF x Far_LoA	-7,009	0,174	0,301
CHR8	9119046	CHR8:9119046	SSF x Far_LoA	-8,465	0,141	0,300
CHR8	9125864	CHR8:9125864	SSF x Far_LoA	-8,992	-0,015	0,299
CHR8	9125875	CHR8:9125875	SSF x Far_LoA	-8,368	-0,003	0,283
CHR8	9125945	CHR8:9125945	SSF x Far_LoA	-11,510	0,024	0,285
CHR8	9125966	CHR8:9125966	SSF x Far_LoA	-6,907	0,132	0,282
CHR8	9125994	CHR8:9125994	SSF x Far_LoA	-11,985	0,047	0,287
CHR8	9126148	CHR8:9126148	SSF x Far_LoA	-10,361	-0,075	0,302
CHR8	9127585	CHR8:9127585	SSF x Far_LoA	-9,568	0,114	0,286
CHR8	9127638	CHR8:9127638	SSF x Far_LoA	-6,491	0,145	0,291

CHR8	9133257	CHR8:9133257	SSF x Far_LoA	-8,777	-0,084	0,282
CHR8	9133319	CHR8:9133319	SSF x Far_LoA	-8,774	0,077	0,277
CHR8	9133321	CHR8:9133321	SSF x Far_LoA	-9,765	-0,039	0,287
CHR8	9134019	CHR8:9134019	SSF x Far_LoA	-5,871	-0,138	0,268
CHR8	9135896	CHR8:9135896	SSF x Far_LoA	-9,687	0,007	0,285
CHR8	9135902	CHR8:9135902	SSF x Far_LoA	-9,639	0,025	0,283
CHR8	9136014	CHR8:9136014	SSF x Far_LoA	-9,284	-0,046	0,300
CHR8	9141908	CHR8:9141908	SSF x Far_LoA	-8,101	-0,114	0,295
CHR8	9141942	CHR8:9141942	SSF x Far_LoA	-9,288	-0,072	0,263
CHR8	9151147	CHR8:9151147	SSF x Far_LoA	-9,152	-0,030	0,291
CHR8	9151163	CHR8:9151163	SSF x Far_LoA	-9,716	0,009	0,299
CHR8	9151230	CHR8:9151230	SSF x Far_LoA	-3,423	-0,199	0,286
CHR8	9151331	CHR8:9151331	SSF x Far_LoA	-6,578	-0,055	0,296
CHR8	9157976	CHR8:9157976	SSF x Far_LoA	-10,628	-0,031	0,301
CHR8	9158056	CHR8:9158056	SSF x Far_LoA	-8,792	0,007	0,305
CHR8	9165970	CHR8:9165970	SSF x Far_LoA	-9,813	0,091	0,291
CHR8	9166179	CHR8:9166179	SSF x Far_LoA	-9,783	0,066	0,279
CHR8	9187704	CHR8:9187704	SSF x Far_LoA	-11,615	-0,068	0,279
CHR8	9216024	CHR8:9216024	SSF x Far_LoA	-11,803	0,098	0,277
CHR8	9216287	CHR8:9216287	SSF x Far_LoA	-8,172	-0,097	0,268
CHR8	9219640	CHR8:9219640	SSF x Far_LoA	-10,683	-0,085	0,304
CHR8	9222463	CHR8:9222463	SSF x Far_LoA	-9,044	-0,066	0,297
CHR8	9226359	CHR8:9226359	SSF x Far_LoA	-8,707	0,052	0,297
CHR8	9226398	CHR8:9226398	SSF x Far_LoA	-11,215	-0,049	0,301
CHR8	9226403	CHR8:9226403	SSF x Far_LoA	-6,962	-0,077	0,279
CHR8	9226518	CHR8:9226518	SSF x Far_LoA	-9,846	0,029	0,299
CHR8	9237315	CHR8:9237315	SSF x Far_LoA	-11,254	0,162	0,280
CHR8	925082	CHR8:925082	SSF x Far_LoA	-8,451	-0,033	0,303
CHR8	925169	CHR8:925169	SSF x Far_LoA	-9,310	0,087	0,295
CHR8	925203	CHR8:925203	SSF x Far_LoA	-11,124	0,038	0,261
CHR8	925292	CHR8:925292	SSF x Far_LoA	-8,328	0,157	0,268
CHR8	925346	CHR8:925346	SSF x Far_LoA	-12,339	0,024	0,272
CHR8	925476	CHR8:925476	SSF x Far_LoA	-11,281	-0,079	0,288
CHR8	9256277	CHR8:9256277	SSF x Far_LoA	-9,924	0,111	0,285
CHR8	9256414	CHR8:9256414	SSF x Far_LoA	-10,692	0,020	0,294
CHR8	9256456	CHR8:9256456	SSF x Far_LoA	-10,029	0,052	0,292
CHR8	927665	CHR8:927665	SSF x Far_LoA	-8,938	0,007	0,289
CHR8	927679	CHR8:927679	SSF x Far_LoA	-11,283	0,007	0,303
CHR8	927726	CHR8:927726	SSF x Far_LoA	-9,607	0,110	0,282
CHR8	9281627	CHR8:9281627	SSF x Far_LoA	-10,703	-0,060	0,306
CHR8	9281661	CHR8:9281661	SSF x Far_LoA	-6,411	-0,012	0,294
CHR8	9281689	CHR8:9281689	SSF x Far_LoA	-10,491	-0,053	0,278
CHR8	9281738	CHR8:9281738	SSF x Far_LoA	-10,566	-0,054	0,279
CHR8	9281747	CHR8:9281747	SSF x Far_LoA	-11,737	0,059	0,279
CHR8	9287883	CHR8:9287883	SSF x Far_LoA	-8,401	-0,106	0,279
CHR8	9287931	CHR8:9287931	SSF x Far_LoA	-8,668	-0,096	0,284
CHR8	9288041	CHR8:9288041	SSF x Far_LoA	-10,592	-0,040	0,291
CHR8	9312990	CHR8:9312990	SSF x Far_LoA	-9,313	-0,030	0,299
CHR8	9313046	CHR8:9313046	SSF x Far_LoA	-11,682	-0,083	0,290
CHR8	9321829	CHR8:9321829	SSF x Far_LoA	1,519	-0,097	0,302
CHR8	9327500	CHR8:9327500	SSF x Far_LoA	-11,387	0,028	0,300
CHR8	9342927	CHR8:9342927	SSF x Far_LoA	-5,508	-0,048	0,293
CHR8	9343347	CHR8:9343347	SSF x Far_LoA	-10,416	-0,004	0,294

CHR8	9346108	CHR8:9346108	SSF x Far_LoA	-11,039	-0,094	0,279
CHR8	9360179	CHR8:9360179	SSF x Far_LoA	-6,024	0,105	0,288
CHR8	9360206	CHR8:9360206	SSF x Far_LoA	-1,747	0,091	0,283
CHR8	9360286	CHR8:9360286	SSF x Far_LoA	-9,050	0,047	0,307
CHR8	9364304	CHR8:9364304	SSF x Far_LoA	-7,814	-0,039	0,269
CHR8	937181	CHR8:937181	SSF x Far_LoA	-10,434	-0,056	0,288
CHR8	937411	CHR8:937411	SSF x Far_LoA	-7,824	-0,051	0,285
CHR8	937455	CHR8:937455	SSF x Far_LoA	-11,468	0,022	0,294
CHR8	937501	CHR8:937501	SSF x Far_LoA	-8,181	0,049	0,275
CHR8	937582	CHR8:937582	SSF x Far_LoA	-1,770	-0,079	0,297
CHR8	937584	CHR8:937584	SSF x Far_LoA	-10,522	-0,091	0,288
CHR8	937637	CHR8:937637	SSF x Far_LoA	-10,627	-0,041	0,293
CHR8	937662	CHR8:937662	SSF x Far_LoA	-8,525	0,114	0,281
CHR8	9381497	CHR8:9381497	SSF x Far_LoA	-11,714	0,019	0,293
CHR8	9381580	CHR8:9381580	SSF x Far_LoA	-8,152	0,100	0,286
CHR8	9414768	CHR8:9414768	SSF x Far_LoA	-9,861	-0,038	0,283
CHR8	9414846	CHR8:9414846	SSF x Far_LoA	-8,165	-0,002	0,306
CHR8	9414858	CHR8:9414858	SSF x Far_LoA	-4,477	-0,203	0,278
CHR8	9414925	CHR8:9414925	SSF x Far_LoA	-6,487	0,200	0,283
CHR8	9415015	CHR8:9415015	SSF x Far_LoA	-8,597	0,047	0,305
CHR8	942784	CHR8:942784	SSF x Far_LoA	-3,387	0,043	0,294
CHR8	9434624	CHR8:9434624	SSF x Far_LoA	-9,492	-0,076	0,297
CHR8	9434710	CHR8:9434710	SSF x Far_LoA	-10,173	-0,001	0,287
CHR8	9434722	CHR8:9434722	SSF x Far_LoA	-4,642	0,022	0,287
CHR8	9434783	CHR8:9434783	SSF x Far_LoA	-8,381	-0,038	0,297
CHR8	9437440	CHR8:9437440	SSF x Far_LoA	-9,649	0,031	0,301
CHR8	9437506	CHR8:9437506	SSF x Far_LoA	-10,020	-0,027	0,278
CHR8	9437550	CHR8:9437550	SSF x Far_LoA	-10,262	-0,037	0,281
CHR8	9437579	CHR8:9437579	SSF x Far_LoA	-9,587	0,034	0,294
CHR8	9443850	CHR8:9443850	SSF x Far_LoA	-7,241	0,020	0,292
CHR8	9449934	CHR8:9449934	SSF x Far_LoA	-8,454	0,005	0,292
CHR8	9466128	CHR8:9466128	SSF x Far_LoA	-8,972	0,012	0,283
CHR8	9466150	CHR8:9466150	SSF x Far_LoA	-3,529	0,063	0,281
CHR8	948097	CHR8:948097	SSF x Far_LoA	-8,221	-0,004	0,294
CHR8	9514025	CHR8:9514025	SSF x Far_LoA	-11,235	0,010	0,277
CHR8	9521536	CHR8:9521536	SSF x Far_LoA	-10,324	-0,085	0,301
CHR8	9521553	CHR8:9521553	SSF x Far_LoA	-11,059	0,101	0,278
CHR8	9521560	CHR8:9521560	SSF x Far_LoA	-10,359	-0,080	0,294
CHR8	9521566	CHR8:9521566	SSF x Far_LoA	-10,546	-0,078	0,295
CHR8	9539812	CHR8:9539812	SSF x Far_LoA	-10,691	0,059	0,296
CHR8	9539842	CHR8:9539842	SSF x Far_LoA	-8,034	0,083	0,293
CHR8	9542464	CHR8:9542464	SSF x Far_LoA	-9,141	-0,069	0,311
CHR8	9544092	CHR8:9544092	SSF x Far_LoA	-8,848	0,160	0,284
CHR8	9544134	CHR8:9544134	SSF x Far_LoA	-9,144	-0,054	0,278
CHR8	9546131	CHR8:9546131	SSF x Far_LoA	-6,164	-0,124	0,279
CHR8	9546195	CHR8:9546195	SSF x Far_LoA	-9,865	-0,097	0,301
CHR8	9546283	CHR8:9546283	SSF x Far_LoA	-9,574	0,088	0,301
CHR8	9546291	CHR8:9546291	SSF x Far_LoA	-11,205	0,109	0,283
CHR8	9553730	CHR8:9553730	SSF x Far_LoA	-9,518	0,072	0,280
CHR8	9553823	CHR8:9553823	SSF x Far_LoA	-7,943	0,092	0,278
CHR8	9553858	CHR8:9553858	SSF x Far_LoA	-8,969	0,080	0,284
CHR8	9554101	CHR8:9554101	SSF x Far_LoA	-7,915	-0,071	0,268
CHR8	9554110	CHR8:9554110	SSF x Far_LoA	-10,832	0,026	0,280

CHR8	9565493	CHR8:9565493	SSF x Far_LoA	-9,373	0,001	0,286
CHR8	9565702	CHR8:9565702	SSF x Far_LoA	-7,422	-0,015	0,299
CHR8	9569703	CHR8:9569703	SSF x Far_LoA	-2,820	0,046	0,285
CHR8	9569717	CHR8:9569717	SSF x Far_LoA	-7,820	-0,042	0,306
CHR8	9569814	CHR8:9569814	SSF x Far_LoA	-9,659	-0,037	0,289
CHR8	9569848	CHR8:9569848	SSF x Far_LoA	-9,396	0,051	0,289
CHR8	9569854	CHR8:9569854	SSF x Far_LoA	-10,402	0,076	0,287
CHR8	9569928	CHR8:9569928	SSF x Far_LoA	-11,346	0,019	0,288
CHR8	9576373	CHR8:9576373	SSF x Far_LoA	-8,379	0,100	0,300
CHR8	9585436	CHR8:9585436	SSF x Far_LoA	-6,709	0,106	0,287
CHR8	9585471	CHR8:9585471	SSF x Far_LoA	-11,599	0,024	0,294
CHR8	9600863	CHR8:9600863	SSF x Far_LoA	-8,571	-0,057	0,296
CHR8	9600872	CHR8:9600872	SSF x Far_LoA	-10,634	0,038	0,283
CHR8	9602572	CHR8:9602572	SSF x Far_LoA	-10,345	-0,105	0,279
CHR8	9609730	CHR8:9609730	SSF x Far_LoA	-11,409	0,007	0,295
CHR8	9609796	CHR8:9609796	SSF x Far_LoA	-7,389	0,031	0,298
CHR8	9609841	CHR8:9609841	SSF x Far_LoA	-7,602	0,064	0,273
CHR8	9610014	CHR8:9610014	SSF x Far_LoA	-9,661	0,024	0,306
CHR8	9610048	CHR8:9610048	SSF x Far_LoA	-7,626	-0,056	0,293
CHR8	9610059	CHR8:9610059	SSF x Far_LoA	-9,523	0,053	0,290
CHR8	9628494	CHR8:9628494	SSF x Far_LoA	-5,539	0,125	0,295
CHR8	9628761	CHR8:9628761	SSF x Far_LoA	-9,403	-0,123	0,287
CHR8	9633541	CHR8:9633541	SSF x Far_LoA	-11,978	0,046	0,281
CHR8	9633564	CHR8:9633564	SSF x Far_LoA	-12,438	-0,020	0,281
CHR8	9639235	CHR8:9639235	SSF x Far_LoA	-9,370	0,028	0,284
CHR8	9655778	CHR8:9655778	SSF x Far_LoA	-8,234	0,022	0,295
CHR8	9655797	CHR8:9655797	SSF x Far_LoA	-9,363	-0,016	0,295
CHR8	9655805	CHR8:9655805	SSF x Far_LoA	-9,589	-0,039	0,296
CHR8	9656033	CHR8:9656033	SSF x Far_LoA	-7,371	-0,079	0,290
CHR8	9658294	CHR8:9658294	SSF x Far_LoA	-2,133	0,052	0,288
CHR8	9658310	CHR8:9658310	SSF x Far_LoA	-5,876	0,230	0,255
CHR8	967992	CHR8:967992	SSF x Far_LoA	-10,804	0,001	0,299
CHR8	968000	CHR8:968000	SSF x Far_LoA	-4,957	-0,144	0,300
CHR8	968038	CHR8:968038	SSF x Far_LoA	-11,158	-0,019	0,285
CHR8	968098	CHR8:968098	SSF x Far_LoA	-7,809	-0,077	0,297
CHR8	968124	CHR8:968124	SSF x Far_LoA	-9,959	-0,005	0,294
CHR8	9682939	CHR8:9682939	SSF x Far_LoA	-6,804	0,141	0,303
CHR8	9683153	CHR8:9683153	SSF x Far_LoA	-11,372	0,025	0,283
CHR8	9688866	CHR8:9688866	SSF x Far_LoA	-7,376	0,130	0,282
CHR8	9701146	CHR8:9701146	SSF x Far_LoA	-7,761	-0,073	0,283
CHR8	9711081	CHR8:9711081	SSF x Far_LoA	-10,656	-0,118	0,272
CHR8	9711432	CHR8:9711432	SSF x Far_LoA	-9,441	0,064	0,293
CHR8	9723214	CHR8:9723214	SSF x Far_LoA	-8,486	0,055	0,289
CHR8	9750279	CHR8:9750279	SSF x Far_LoA	-8,796	-0,040	0,286
CHR8	9750291	CHR8:9750291	SSF x Far_LoA	-8,937	-0,028	0,283
CHR8	9750369	CHR8:9750369	SSF x Far_LoA	-9,994	-0,036	0,284
CHR8	9750396	CHR8:9750396	SSF x Far_LoA	-9,197	0,071	0,282
CHR8	9764352	CHR8:9764352	SSF x Far_LoA	-11,080	0,036	0,287
CHR8	9764503	CHR8:9764503	SSF x Far_LoA	-8,833	0,065	0,287
CHR8	9793053	CHR8:9793053	SSF x Far_LoA	-10,246	0,020	0,279
CHR8	9809284	CHR8:9809284	SSF x Far_LoA	-10,764	-0,010	0,301
CHR8	9838117	CHR8:9838117	SSF x Far_LoA	-7,403	-0,072	0,298
CHR8	9847023	CHR8:9847023	SSF x Far_LoA	-11,844	-0,040	0,303

CHR8	9847150	CHR8:9847150	SSF x Far_LoA	-11,277	-0,120	0,275
CHR8	9850184	CHR8:9850184	SSF x Far_LoA	-10,315	-0,059	0,278
CHR8	9850727	CHR8:9850727	SSF x Far_LoA	-9,310	0,029	0,303
CHR8	9852170	CHR8:9852170	SSF x Far_LoA	-8,803	0,045	0,298
CHR8	9855085	CHR8:9855085	SSF x Far_LoA	-9,954	-0,046	0,307
CHR8	9871577	CHR8:9871577	SSF x Far_LoA	-8,543	0,120	0,290
CHR8	9884731	CHR8:9884731	SSF x Far_LoA	-1,860	-0,132	0,301
CHR8	9927910	CHR8:9927910	SSF x Far_LoA	-3,580	0,124	0,294
CHR8	9942712	CHR8:9942712	SSF x Far_LoA	-10,784	-0,010	0,293
CHR8	9942781	CHR8:9942781	SSF x Far_LoA	-4,633	-0,234	0,277
CHR8	9948137	CHR8:9948137	SSF x Far_LoA	-10,998	0,017	0,288
CHR8	9956224	CHR8:9956224	SSF x Far_LoA	-11,564	-0,112	0,290
CHR8	9970393	CHR8:9970393	SSF x Far_LoA	-8,371	0,041	0,306
CHR8	9970615	CHR8:9970615	SSF x Far_LoA	-6,414	0,028	0,299
CHR8	9972906	CHR8:9972906	SSF x Far_LoA	-9,078	0,024	0,305
CHR8	9972922	CHR8:9972922	SSF x Far_LoA	-8,934	0,018	0,294
CHR8	9972949	CHR8:9972949	SSF x Far_LoA	-8,545	0,015	0,311
CHR8	9972950	CHR8:9972950	SSF x Far_LoA	-7,812	-0,032	0,294
CHR8	9997537	CHR8:9997537	SSF x Far_LoA	-8,833	0,017	0,304
CHR8	9997610	CHR8:9997610	SSF x Far_LoA	-8,904	0,011	0,301
CHR8	9997620	CHR8:9997620	SSF x Far_LoA	-8,653	-0,021	0,321
CHR8	9997733	CHR8:9997733	SSF x Far_LoA	-8,729	0,036	0,308
CHR9	1E+07	CHR9:10004235	SSF x Far_LoA	-10,210	0,049	0,311
CHR9	1E+07	CHR9:10010897	SSF x Far_LoA	-9,438	0,104	0,293
CHR9	1E+07	CHR9:10010972	SSF x Far_LoA	-8,877	-0,006	0,294
CHR9	1E+07	CHR9:10011137	SSF x Far_LoA	-8,574	0,012	0,294
CHR9	1E+07	CHR9:10036428	SSF x Far_LoA	-8,036	-0,047	0,290
CHR9	1E+07	CHR9:10046111	SSF x Far_LoA	-9,511	0,001	0,299
CHR9	1E+07	CHR9:10046388	SSF x Far_LoA	-10,932	0,032	0,279
CHR9	1E+07	CHR9:10046463	SSF x Far_LoA	-8,679	-0,031	0,301
CHR9	1E+07	CHR9:10046464	SSF x Far_LoA	-9,582	-0,124	0,293
CHR9	1E+07	CHR9:10046489	SSF x Far_LoA	-11,077	0,031	0,281
CHR9	1E+07	CHR9:10046556	SSF x Far_LoA	-6,751	-0,214	0,283
CHR9	1E+07	CHR9:10070432	SSF x Far_LoA	-9,984	0,012	0,297
CHR9	1E+07	CHR9:10070464	SSF x Far_LoA	-9,762	0,030	0,297
CHR9	1E+07	CHR9:10070710	SSF x Far_LoA	-8,657	0,111	0,294
CHR9	1E+07	CHR9:10070818	SSF x Far_LoA	-12,031	0,015	0,295
CHR9	1E+07	CHR9:10078816	SSF x Far_LoA	-11,989	0,024	0,293
CHR9	1E+07	CHR9:10080942	SSF x Far_LoA	-10,216	0,071	0,295
CHR9	1E+07	CHR9:10080955	SSF x Far_LoA	-10,659	0,057	0,313
CHR9	1E+07	CHR9:10080958	SSF x Far_LoA	-10,770	0,009	0,275
CHR9	1E+07	CHR9:10082642	SSF x Far_LoA	-9,760	0,115	0,288
CHR9	1E+07	CHR9:10101890	SSF x Far_LoA	-9,660	0,132	0,281
CHR9	1E+07	CHR9:10107090	SSF x Far_LoA	-6,530	-0,221	0,278
CHR9	1E+07	CHR9:10107095	SSF x Far_LoA	-10,844	0,047	0,272
CHR9	1E+07	CHR9:10107131	SSF x Far_LoA	-4,181	0,192	0,269
CHR9	1E+07	CHR9:10122246	SSF x Far_LoA	-9,942	0,082	0,286
CHR9	1E+07	CHR9:10122319	SSF x Far_LoA	-3,274	-0,203	0,288
CHR9	1E+07	CHR9:10124859	SSF x Far_LoA	-11,663	-0,002	0,292
CHR9	1E+07	CHR9:10155312	SSF x Far_LoA	-2,710	-0,152	0,298
CHR9	1E+07	CHR9:10155315	SSF x Far_LoA	-7,563	0,072	0,301
CHR9	1E+07	CHR9:10155465	SSF x Far_LoA	-11,603	0,010	0,290
CHR9	1E+07	CHR9:10155476	SSF x Far_LoA	-10,551	0,075	0,263

CHR9	1E+07	CHR9:10155516	SSF x Far_LoA	-9,885	0,042	0,305
CHR9	1E+07	CHR9:10155526	SSF x Far_LoA	-8,064	0,030	0,288
CHR9	1E+07	CHR9:10155580	SSF x Far_LoA	-9,829	0,063	0,278
CHR9	1E+07	CHR9:10155607	SSF x Far_LoA	-10,819	0,032	0,276
CHR9	1E+07	CHR9:10160264	SSF x Far_LoA	-7,383	-0,093	0,291
CHR9	1E+07	CHR9:10175876	SSF x Far_LoA	-6,326	-0,144	0,298
CHR9	1E+07	CHR9:10188583	SSF x Far_LoA	-9,546	0,000	0,299
CHR9	1E+07	CHR9:10201619	SSF x Far_LoA	-8,282	0,007	0,293
CHR9	1E+07	CHR9:10207357	SSF x Far_LoA	-8,894	-0,003	0,303
CHR9	1E+07	CHR9:10210531	SSF x Far_LoA	-5,667	0,052	0,291
CHR9	1E+07	CHR9:10210542	SSF x Far_LoA	-10,779	0,077	0,291
CHR9	1E+07	CHR9:10217309	SSF x Far_LoA	-11,659	-0,044	0,282
CHR9	1E+07	CHR9:10217330	SSF x Far_LoA	-9,022	-0,092	0,288
CHR9	1E+07	CHR9:10227529	SSF x Far_LoA	-10,184	0,098	0,283
CHR9	1E+07	CHR9:10246405	SSF x Far_LoA	-10,632	-0,052	0,277
CHR9	1E+07	CHR9:10246413	SSF x Far_LoA	-10,438	0,109	0,290
CHR9	1E+07	CHR9:10246418	SSF x Far_LoA	-10,134	-0,020	0,288
CHR9	1E+07	CHR9:10246493	SSF x Far_LoA	-6,961	-0,168	0,274
CHR9	1E+07	CHR9:10246519	SSF x Far_LoA	-7,702	-0,120	0,302
CHR9	1E+07	CHR9:10246609	SSF x Far_LoA	-7,312	0,164	0,286
CHR9	1E+07	CHR9:10257919	SSF x Far_LoA	-12,183	-0,027	0,292
CHR9	1E+07	CHR9:10257954	SSF x Far_LoA	-9,612	0,029	0,300
CHR9	1E+07	CHR9:10258067	SSF x Far_LoA	-11,430	-0,075	0,290
CHR9	1E+07	CHR9:10258159	SSF x Far_LoA	-11,290	0,026	0,279
CHR9	1E+07	CHR9:10288712	SSF x Far_LoA	-8,719	-0,158	0,279
CHR9	1031119	CHR9:1031119	SSF x Far_LoA	-7,532	0,099	0,291
CHR9	1031123	CHR9:1031123	SSF x Far_LoA	-9,698	0,016	0,282
CHR9	1031129	CHR9:1031129	SSF x Far_LoA	-10,604	-0,066	0,279
CHR9	1031135	CHR9:1031135	SSF x Far_LoA	-9,771	-0,054	0,285
CHR9	1031153	CHR9:1031153	SSF x Far_LoA	-9,233	0,093	0,282
CHR9	1031194	CHR9:1031194	SSF x Far_LoA	-0,981	0,049	0,290
CHR9	1031195	CHR9:1031195	SSF x Far_LoA	-10,867	0,057	0,293
CHR9	1031371	CHR9:1031371	SSF x Far_LoA	-6,197	-0,023	0,306
CHR9	1E+07	CHR9:10319195	SSF x Far_LoA	-5,608	0,181	0,261
CHR9	1E+07	CHR9:10319325	SSF x Far_LoA	-1,345	0,199	0,271
CHR9	1E+07	CHR9:10319400	SSF x Far_LoA	-8,902	-0,080	0,283
CHR9	1E+07	CHR9:10319426	SSF x Far_LoA	-9,549	-0,133	0,289
CHR9	1E+07	CHR9:10322862	SSF x Far_LoA	-8,904	0,002	0,271
CHR9	1E+07	CHR9:10322900	SSF x Far_LoA	-8,895	0,041	0,281
CHR9	1036668	CHR9:1036668	SSF x Far_LoA	-6,670	0,000	0,290
CHR9	1E+07	CHR9:10367556	SSF x Far_LoA	-10,728	-0,128	0,281
CHR9	1E+07	CHR9:10370423	SSF x Far_LoA	-8,896	0,065	0,287
CHR9	1E+07	CHR9:10370437	SSF x Far_LoA	-11,383	-0,042	0,279
CHR9	1E+07	CHR9:10375601	SSF x Far_LoA	-7,674	-0,155	0,289
CHR9	1E+07	CHR9:10384179	SSF x Far_LoA	-8,182	-0,154	0,284
CHR9	1E+07	CHR9:10384349	SSF x Far_LoA	-8,375	0,040	0,284
CHR9	1E+07	CHR9:10410741	SSF x Far_LoA	-9,542	0,046	0,292
CHR9	1E+07	CHR9:10410838	SSF x Far_LoA	-7,349	-0,173	0,278
CHR9	1E+07	CHR9:10410859	SSF x Far_LoA	-9,792	-0,040	0,290
CHR9	1E+07	CHR9:10426745	SSF x Far_LoA	-8,273	-0,017	0,291
CHR9	1E+07	CHR9:10426777	SSF x Far_LoA	-9,284	0,007	0,278
CHR9	1E+07	CHR9:10426845	SSF x Far_LoA	-7,635	0,101	0,296
CHR9	1E+07	CHR9:10440948	SSF x Far_LoA	-8,951	0,058	0,285

CHR9	1E+07	CHR9:10448236	SSF x Far_LoA	-9,301	-0,017	0,277
CHR9	1E+07	CHR9:10448240	SSF x Far_LoA	-9,706	0,054	0,288
CHR9	1E+07	CHR9:10448252	SSF x Far_LoA	-11,377	0,020	0,285
CHR9	1E+07	CHR9:10448257	SSF x Far_LoA	-8,745	-0,003	0,309
CHR9	1E+07	CHR9:10448272	SSF x Far_LoA	2,247	0,133	0,280
CHR9	1E+07	CHR9:10448279	SSF x Far_LoA	-3,662	0,096	0,295
CHR9	1E+07	CHR9:10448350	SSF x Far_LoA	-7,961	-0,014	0,298
CHR9	1E+07	CHR9:10448650	SSF x Far_LoA	-11,235	0,032	0,296
CHR9	1E+07	CHR9:10448664	SSF x Far_LoA	-8,348	0,012	0,290
CHR9	1E+07	CHR9:10448668	SSF x Far_LoA	-8,173	0,013	0,284
CHR9	1E+07	CHR9:10449976	SSF x Far_LoA	-8,244	-0,064	0,296
CHR9	1E+07	CHR9:10476521	SSF x Far_LoA	-8,355	-0,061	0,297
CHR9	1E+07	CHR9:10479657	SSF x Far_LoA	-9,678	-0,086	0,272
CHR9	1E+07	CHR9:10486720	SSF x Far_LoA	-11,872	0,019	0,296
CHR9	1049676	CHR9:1049676	SSF x Far_LoA	-9,171	0,025	0,288
CHR9	10503535	CHR9:10503535	SSF x Far_LoA	-8,998	-0,028	0,288
CHR9	10503553	CHR9:10503553	SSF x Far_LoA	-8,453	-0,030	0,292
CHR9	10511797	CHR9:10511797	SSF x Far_LoA	-8,919	-0,028	0,295
CHR9	10524540	CHR9:10524540	SSF x Far_LoA	-10,719	0,019	0,264
CHR9	10524554	CHR9:10524554	SSF x Far_LoA	-10,896	0,096	0,269
CHR9	10524583	CHR9:10524583	SSF x Far_LoA	-7,708	-0,094	0,300
CHR9	10524611	CHR9:10524611	SSF x Far_LoA	-11,473	0,036	0,276
CHR9	10536388	CHR9:10536388	SSF x Far_LoA	-5,389	0,064	0,301
CHR9	10536397	CHR9:10536397	SSF x Far_LoA	-8,922	0,001	0,313
CHR9	10536438	CHR9:10536438	SSF x Far_LoA	-2,001	-0,030	0,308
CHR9	10536506	CHR9:10536506	SSF x Far_LoA	-10,693	0,065	0,298
CHR9	10536549	CHR9:10536549	SSF x Far_LoA	-9,485	0,008	0,299
CHR9	10536571	CHR9:10536571	SSF x Far_LoA	-9,802	-0,109	0,297
CHR9	10558827	CHR9:10558827	SSF x Far_LoA	-11,173	-0,021	0,281
CHR9	10560933	CHR9:10560933	SSF x Far_LoA	-11,287	-0,015	0,297
CHR9	10570802	CHR9:10570802	SSF x Far_LoA	-11,931	-0,009	0,287
CHR9	10570881	CHR9:10570881	SSF x Far_LoA	-8,490	-0,145	0,286
CHR9	10582859	CHR9:10582859	SSF x Far_LoA	-10,205	0,032	0,299
CHR9	10593815	CHR9:10593815	SSF x Far_LoA	-8,679	0,057	0,303
CHR9	10609553	CHR9:10609553	SSF x Far_LoA	-11,184	0,025	0,277
CHR9	10609582	CHR9:10609582	SSF x Far_LoA	-7,471	-0,122	0,292
CHR9	10609678	CHR9:10609678	SSF x Far_LoA	-8,506	0,065	0,294
CHR9	10611002	CHR9:10611002	SSF x Far_LoA	-8,395	0,068	0,290
CHR9	10611019	CHR9:10611019	SSF x Far_LoA	-10,540	0,033	0,305
CHR9	10611073	CHR9:10611073	SSF x Far_LoA	-11,095	0,080	0,298
CHR9	10611218	CHR9:10611218	SSF x Far_LoA	-9,705	0,081	0,295
CHR9	10611306	CHR9:10611306	SSF x Far_LoA	-9,896	0,058	0,296
CHR9	10638353	CHR9:10638353	SSF x Far_LoA	-8,888	-0,132	0,290
CHR9	1063861	CHR9:1063861	SSF x Far_LoA	-9,562	0,127	0,293
CHR9	10644389	CHR9:10644389	SSF x Far_LoA	-8,807	-0,069	0,279
CHR9	10644390	CHR9:10644390	SSF x Far_LoA	-10,479	0,011	0,299
CHR9	10666906	CHR9:10666906	SSF x Far_LoA	-11,492	0,023	0,292
CHR9	10666964	CHR9:10666964	SSF x Far_LoA	-10,552	0,046	0,288
CHR9	10671562	CHR9:10671562	SSF x Far_LoA	-9,093	0,003	0,298
CHR9	10671631	CHR9:10671631	SSF x Far_LoA	-11,394	-0,016	0,299
CHR9	10674155	CHR9:10674155	SSF x Far_LoA	-8,593	0,001	0,295
CHR9	10674194	CHR9:10674194	SSF x Far_LoA	-7,516	0,103	0,293
CHR9	10680131	CHR9:10680131	SSF x Far_LoA	-5,276	0,166	0,286

CHR9	10680151	CHR9:10680151	SSF x Far_LoA	-9,019	0,152	0,277
CHR9	10680152	CHR9:10680152	SSF x Far_LoA	2,413	0,139	0,281
CHR9	10680225	CHR9:10680225	SSF x Far_LoA	-11,581	0,032	0,284
CHR9	10680341	CHR9:10680341	SSF x Far_LoA	-5,494	-0,040	0,296
CHR9	10684539	CHR9:10684539	SSF x Far_LoA	-10,880	0,009	0,286
CHR9	10684784	CHR9:10684784	SSF x Far_LoA	-8,444	-0,144	0,296
CHR9	10686158	CHR9:10686158	SSF x Far_LoA	-8,058	0,037	0,285
CHR9	10691041	CHR9:10691041	SSF x Far_LoA	-10,275	0,054	0,287
CHR9	10695173	CHR9:10695173	SSF x Far_LoA	-8,647	0,088	0,301
CHR9	10706716	CHR9:10706716	SSF x Far_LoA	-6,518	0,067	0,295
CHR9	10706817	CHR9:10706817	SSF x Far_LoA	-8,281	0,087	0,295
CHR9	10706853	CHR9:10706853	SSF x Far_LoA	-8,633	-0,145	0,282
CHR9	10706881	CHR9:10706881	SSF x Far_LoA	-6,491	-0,094	0,298
CHR9	10706882	CHR9:10706882	SSF x Far_LoA	-7,715	-0,123	0,279
CHR9	10706885	CHR9:10706885	SSF x Far_LoA	-10,806	0,002	0,296
CHR9	1071489	CHR9:1071489	SSF x Far_LoA	-10,565	0,047	0,287
CHR9	1071609	CHR9:1071609	SSF x Far_LoA	-9,029	0,006	0,295
CHR9	1071650	CHR9:1071650	SSF x Far_LoA	-9,783	-0,060	0,280
CHR9	10724089	CHR9:10724089	SSF x Far_LoA	-9,833	-0,057	0,298
CHR9	10724185	CHR9:10724185	SSF x Far_LoA	-10,415	-0,008	0,293
CHR9	10724233	CHR9:10724233	SSF x Far_LoA	-9,978	0,091	0,284
CHR9	10724267	CHR9:10724267	SSF x Far_LoA	-7,765	-0,061	0,285
CHR9	10724284	CHR9:10724284	SSF x Far_LoA	-10,299	-0,057	0,292
CHR9	10732817	CHR9:10732817	SSF x Far_LoA	-7,947	-0,077	0,291
CHR9	10732922	CHR9:10732922	SSF x Far_LoA	-10,343	-0,032	0,281
CHR9	10746454	CHR9:10746454	SSF x Far_LoA	-11,233	-0,011	0,301
CHR9	10746459	CHR9:10746459	SSF x Far_LoA	-8,685	-0,104	0,281
CHR9	10746652	CHR9:10746652	SSF x Far_LoA	-11,576	0,005	0,287
CHR9	10750707	CHR9:10750707	SSF x Far_LoA	-11,450	0,024	0,269
CHR9	10750714	CHR9:10750714	SSF x Far_LoA	-10,795	0,028	0,274
CHR9	10758784	CHR9:10758784	SSF x Far_LoA	-0,527	0,026	0,291
CHR9	10776620	CHR9:10776620	SSF x Far_LoA	-11,336	0,000	0,297
CHR9	10791943	CHR9:10791943	SSF x Far_LoA	-9,017	0,013	0,282
CHR9	10791988	CHR9:10791988	SSF x Far_LoA	-10,974	-0,021	0,288
CHR9	10792211	CHR9:10792211	SSF x Far_LoA	-9,633	-0,171	0,293
CHR9	10795566	CHR9:10795566	SSF x Far_LoA	-9,633	0,074	0,303
CHR9	10837397	CHR9:10837397	SSF x Far_LoA	-8,308	-0,086	0,292
CHR9	10837647	CHR9:10837647	SSF x Far_LoA	-10,184	0,157	0,282
CHR9	10840982	CHR9:10840982	SSF x Far_LoA	-8,093	0,027	0,280
CHR9	10841247	CHR9:10841247	SSF x Far_LoA	-7,234	0,158	0,278
CHR9	10861293	CHR9:10861293	SSF x Far_LoA	-10,468	-0,099	0,291
CHR9	10861539	CHR9:10861539	SSF x Far_LoA	-9,687	0,008	0,302
CHR9	10861548	CHR9:10861548	SSF x Far_LoA	-8,232	0,035	0,299
CHR9	10867509	CHR9:10867509	SSF x Far_LoA	-10,055	-0,019	0,283
CHR9	10876758	CHR9:10876758	SSF x Far_LoA	-9,472	-0,116	0,293
CHR9	10879846	CHR9:10879846	SSF x Far_LoA	-6,832	0,074	0,299
CHR9	10879883	CHR9:10879883	SSF x Far_LoA	-11,364	-0,055	0,299
CHR9	10893617	CHR9:10893617	SSF x Far_LoA	-7,644	0,033	0,284
CHR9	10893953	CHR9:10893953	SSF x Far_LoA	-10,163	-0,004	0,282
CHR9	10896281	CHR9:10896281	SSF x Far_LoA	-9,100	-0,059	0,291
CHR9	10896289	CHR9:10896289	SSF x Far_LoA	-11,586	-0,016	0,298
CHR9	10896435	CHR9:10896435	SSF x Far_LoA	-10,952	0,078	0,289
CHR9	10896436	CHR9:10896436	SSF x Far_LoA	-6,915	0,144	0,307

CHR9	10905485	CHR9:10905485	SSF x Far_LoA	-8,438	-0,051	0,299
CHR9	10905561	CHR9:10905561	SSF x Far_LoA	-10,203	0,116	0,298
CHR9	10905597	CHR9:10905597	SSF x Far_LoA	-4,523	-0,170	0,265
CHR9	10916668	CHR9:10916668	SSF x Far_LoA	-11,568	-0,004	0,299
CHR9	10916802	CHR9:10916802	SSF x Far_LoA	-8,324	-0,079	0,286
CHR9	10916934	CHR9:10916934	SSF x Far_LoA	-6,631	-0,150	0,269
CHR9	10921163	CHR9:10921163	SSF x Far_LoA	-11,475	0,057	0,285
CHR9	10943703	CHR9:10943703	SSF x Far_LoA	-7,358	-0,121	0,286
CHR9	10943746	CHR9:10943746	SSF x Far_LoA	-12,045	0,043	0,285
CHR9	10943768	CHR9:10943768	SSF x Far_LoA	-9,172	0,017	0,301
CHR9	10943840	CHR9:10943840	SSF x Far_LoA	-9,249	0,146	0,292
CHR9	10943924	CHR9:10943924	SSF x Far_LoA	-8,397	-0,005	0,286
CHR9	10949482	CHR9:10949482	SSF x Far_LoA	-11,298	0,071	0,292
CHR9	10972956	CHR9:10972956	SSF x Far_LoA	-8,968	-0,081	0,296
CHR9	1098170	CHR9:1098170	SSF x Far_LoA	-6,928	-0,112	0,292
CHR9	1098265	CHR9:1098265	SSF x Far_LoA	-8,514	-0,108	0,287
CHR9	1098272	CHR9:1098272	SSF x Far_LoA	-11,498	-0,030	0,292
CHR9	1098280	CHR9:1098280	SSF x Far_LoA	-10,491	-0,023	0,286
CHR9	1098315	CHR9:1098315	SSF x Far_LoA	-8,604	0,083	0,285
CHR9	1098316	CHR9:1098316	SSF x Far_LoA	-6,918	0,003	0,299
CHR9	1098371	CHR9:1098371	SSF x Far_LoA	-7,090	0,074	0,291
CHR9	10995472	CHR9:10995472	SSF x Far_LoA	-8,957	-0,072	0,297
CHR9	10995494	CHR9:10995494	SSF x Far_LoA	-9,658	0,028	0,282
CHR9	10995505	CHR9:10995505	SSF x Far_LoA	-9,122	0,006	0,282
CHR9	10995577	CHR9:10995577	SSF x Far_LoA	-8,842	-0,041	0,289
CHR9	11003661	CHR9:11003661	SSF x Far_LoA	-9,205	0,002	0,304
CHR9	11003684	CHR9:11003684	SSF x Far_LoA	-8,528	0,106	0,288
CHR9	11008429	CHR9:11008429	SSF x Far_LoA	-9,855	0,071	0,297
CHR9	11008434	CHR9:11008434	SSF x Far_LoA	-11,600	-0,017	0,289
CHR9	11008548	CHR9:11008548	SSF x Far_LoA	-6,954	0,071	0,294
CHR9	11008615	CHR9:11008615	SSF x Far_LoA	-11,319	0,021	0,290
CHR9	11011239	CHR9:11011239	SSF x Far_LoA	-8,931	-0,125	0,289
CHR9	11011295	CHR9:11011295	SSF x Far_LoA	-8,756	-0,060	0,307
CHR9	11014389	CHR9:11014389	SSF x Far_LoA	-10,563	-0,094	0,286
CHR9	11014476	CHR9:11014476	SSF x Far_LoA	-11,254	-0,025	0,296
CHR9	11014540	CHR9:11014540	SSF x Far_LoA	-9,774	-0,001	0,292
CHR9	1101640	CHR9:1101640	SSF x Far_LoA	-10,991	0,016	0,289
CHR9	11019283	CHR9:11019283	SSF x Far_LoA	-11,294	-0,042	0,297
CHR9	11019302	CHR9:11019302	SSF x Far_LoA	-6,617	0,181	0,266
CHR9	11019326	CHR9:11019326	SSF x Far_LoA	-2,696	0,209	0,278
CHR9	11019333	CHR9:11019333	SSF x Far_LoA	-8,240	0,154	0,297
CHR9	11019376	CHR9:11019376	SSF x Far_LoA	-5,075	0,189	0,282
CHR9	11019405	CHR9:11019405	SSF x Far_LoA	-8,896	0,042	0,282
CHR9	11019454	CHR9:11019454	SSF x Far_LoA	6,725	0,028	0,306
CHR9	11022528	CHR9:11022528	SSF x Far_LoA	-8,603	-0,035	0,291
CHR9	11025774	CHR9:11025774	SSF x Far_LoA	-10,316	0,044	0,284
CHR9	11031253	CHR9:11031253	SSF x Far_LoA	-8,859	0,003	0,275
CHR9	11036244	CHR9:11036244	SSF x Far_LoA	-9,234	0,086	0,282
CHR9	11036334	CHR9:11036334	SSF x Far_LoA	-8,419	-0,158	0,280
CHR9	11039897	CHR9:11039897	SSF x Far_LoA	-9,761	0,127	0,287
CHR9	11039902	CHR9:11039902	SSF x Far_LoA	-9,680	-0,001	0,283
CHR9	11039921	CHR9:11039921	SSF x Far_LoA	-9,715	0,140	0,286
CHR9	11040995	CHR9:11040995	SSF x Far_LoA	-9,234	0,020	0,304

CHR9	11041021	CHR9:11041021	SSF x Far_LoA	-6,844	-0,107	0,305
CHR9	11041091	CHR9:11041091	SSF x Far_LoA	-11,132	0,036	0,287
CHR9	11041101	CHR9:11041101	SSF x Far_LoA	-10,471	0,005	0,281
CHR9	11041117	CHR9:11041117	SSF x Far_LoA	-6,389	-0,097	0,306
CHR9	11041143	CHR9:11041143	SSF x Far_LoA	-8,383	0,057	0,302
CHR9	11062745	CHR9:11062745	SSF x Far_LoA	-10,643	0,096	0,290
CHR9	11062825	CHR9:11062825	SSF x Far_LoA	-8,492	-0,019	0,302
CHR9	11065844	CHR9:11065844	SSF x Far_LoA	-11,670	0,016	0,268
CHR9	11065928	CHR9:11065928	SSF x Far_LoA	-8,703	0,063	0,289
CHR9	11065942	CHR9:11065942	SSF x Far_LoA	-9,054	0,092	0,280
CHR9	11068417	CHR9:11068417	SSF x Far_LoA	-9,796	-0,003	0,291
CHR9	11068483	CHR9:11068483	SSF x Far_LoA	-6,997	-0,124	0,295
CHR9	11068669	CHR9:11068669	SSF x Far_LoA	-10,378	-0,114	0,289
CHR9	11083886	CHR9:11083886	SSF x Far_LoA	-10,294	-0,067	0,303
CHR9	11087421	CHR9:11087421	SSF x Far_LoA	-8,073	-0,048	0,287
CHR9	11087425	CHR9:11087425	SSF x Far_LoA	-11,260	0,049	0,301
CHR9	11087492	CHR9:11087492	SSF x Far_LoA	-11,463	0,000	0,285
CHR9	11087522	CHR9:11087522	SSF x Far_LoA	-6,981	0,108	0,287
CHR9	1110153	CHR9:1110153	SSF x Far_LoA	-12,012	0,015	0,295
CHR9	11112621	CHR9:11112621	SSF x Far_LoA	-10,519	-0,038	0,294
CHR9	11120200	CHR9:11120200	SSF x Far_LoA	-7,694	-0,023	0,292
CHR9	1113074	CHR9:1113074	SSF x Far_LoA	-10,863	0,045	0,298
CHR9	1113117	CHR9:1113117	SSF x Far_LoA	-8,976	-0,084	0,297
CHR9	11135743	CHR9:11135743	SSF x Far_LoA	-9,382	0,031	0,286
CHR9	11147696	CHR9:11147696	SSF x Far_LoA	-9,237	0,011	0,293
CHR9	11147954	CHR9:11147954	SSF x Far_LoA	-9,850	-0,011	0,296
CHR9	11153213	CHR9:11153213	SSF x Far_LoA	-8,121	-0,046	0,308
CHR9	11153330	CHR9:11153330	SSF x Far_LoA	-7,233	0,142	0,289
CHR9	11166466	CHR9:11166466	SSF x Far_LoA	-9,129	0,061	0,279
CHR9	11166500	CHR9:11166500	SSF x Far_LoA	-8,495	-0,014	0,298
CHR9	11166549	CHR9:11166549	SSF x Far_LoA	-11,067	-0,015	0,302
CHR9	11166556	CHR9:11166556	SSF x Far_LoA	6,817	-0,234	0,283
CHR9	11166654	CHR9:11166654	SSF x Far_LoA	-9,417	0,029	0,301
CHR9	11166661	CHR9:11166661	SSF x Far_LoA	-8,068	-0,091	0,295
CHR9	11166664	CHR9:11166664	SSF x Far_LoA	26,843	-0,108	0,302
CHR9	11185293	CHR9:11185293	SSF x Far_LoA	-2,680	-0,099	0,294
CHR9	11190821	CHR9:11190821	SSF x Far_LoA	-8,497	-0,036	0,297
CHR9	11190825	CHR9:11190825	SSF x Far_LoA	-9,067	0,008	0,297
CHR9	11190840	CHR9:11190840	SSF x Far_LoA	-4,463	0,144	0,290
CHR9	11190851	CHR9:11190851	SSF x Far_LoA	-6,335	0,148	0,291
CHR9	11190864	CHR9:11190864	SSF x Far_LoA	-1,638	-0,040	0,296
CHR9	11190874	CHR9:11190874	SSF x Far_LoA	-7,587	0,147	0,282
CHR9	11190910	CHR9:11190910	SSF x Far_LoA	-12,058	0,027	0,271
CHR9	11225066	CHR9:11225066	SSF x Far_LoA	-8,708	-0,098	0,285
CHR9	11231832	CHR9:11231832	SSF x Far_LoA	-9,879	0,103	0,288
CHR9	11231988	CHR9:11231988	SSF x Far_LoA	-9,661	-0,043	0,283
CHR9	1123784	CHR9:1123784	SSF x Far_LoA	-10,761	0,045	0,288
CHR9	1123802	CHR9:1123802	SSF x Far_LoA	-9,388	0,031	0,300
CHR9	1123824	CHR9:1123824	SSF x Far_LoA	-11,682	0,058	0,296
CHR9	11241451	CHR9:11241451	SSF x Far_LoA	-9,291	-0,102	0,297
CHR9	11241491	CHR9:11241491	SSF x Far_LoA	-10,910	-0,040	0,290
CHR9	11246814	CHR9:11246814	SSF x Far_LoA	-11,580	0,025	0,283
CHR9	11248533	CHR9:11248533	SSF x Far_LoA	-10,091	0,070	0,281

CHR9	11248541	CHR9:11248541	SSF x Far_LoA	-8,716	0,062	0,286
CHR9	11248564	CHR9:11248564	SSF x Far_LoA	-9,644	-0,025	0,293
CHR9	11248585	CHR9:11248585	SSF x Far_LoA	-11,813	0,014	0,293
CHR9	11248596	CHR9:11248596	SSF x Far_LoA	-9,852	0,005	0,312
CHR9	11252261	CHR9:11252261	SSF x Far_LoA	-9,929	-0,052	0,297
CHR9	11289723	CHR9:11289723	SSF x Far_LoA	-10,324	-0,073	0,301
CHR9	11289784	CHR9:11289784	SSF x Far_LoA	-12,199	0,000	0,280
CHR9	11289800	CHR9:11289800	SSF x Far_LoA	-8,451	-0,124	0,296
CHR9	11289825	CHR9:11289825	SSF x Far_LoA	-9,755	-0,072	0,306
CHR9	11289841	CHR9:11289841	SSF x Far_LoA	-11,413	-0,086	0,294
CHR9	11289849	CHR9:11289849	SSF x Far_LoA	-10,428	-0,090	0,290
CHR9	11290103	CHR9:11290103	SSF x Far_LoA	-8,783	0,036	0,293
CHR9	11298515	CHR9:11298515	SSF x Far_LoA	-10,516	-0,011	0,291
CHR9	11298517	CHR9:11298517	SSF x Far_LoA	-7,737	-0,086	0,303
CHR9	11298574	CHR9:11298574	SSF x Far_LoA	-9,302	0,004	0,299
CHR9	11298593	CHR9:11298593	SSF x Far_LoA	-9,692	-0,081	0,295
CHR9	11298695	CHR9:11298695	SSF x Far_LoA	-8,488	0,069	0,290
CHR9	11298699	CHR9:11298699	SSF x Far_LoA	-7,589	-0,059	0,294
CHR9	11304953	CHR9:11304953	SSF x Far_LoA	-10,447	-0,092	0,298
CHR9	11305074	CHR9:11305074	SSF x Far_LoA	-11,289	0,050	0,288
CHR9	11327171	CHR9:11327171	SSF x Far_LoA	-8,888	-0,026	0,299
CHR9	11327186	CHR9:11327186	SSF x Far_LoA	-9,141	-0,030	0,294
CHR9	11327255	CHR9:11327255	SSF x Far_LoA	-9,471	0,081	0,289
CHR9	11329808	CHR9:11329808	SSF x Far_LoA	-2,979	0,117	0,288
CHR9	11329854	CHR9:11329854	SSF x Far_LoA	-8,690	-0,077	0,313
CHR9	11353029	CHR9:11353029	SSF x Far_LoA	-8,035	-0,104	0,296
CHR9	11354181	CHR9:11354181	SSF x Far_LoA	-7,104	0,133	0,294
CHR9	11356162	CHR9:11356162	SSF x Far_LoA	-11,537	0,064	0,289
CHR9	11356193	CHR9:11356193	SSF x Far_LoA	-12,364	-0,038	0,272
CHR9	11357239	CHR9:11357239	SSF x Far_LoA	-8,046	0,068	0,294
CHR9	11357260	CHR9:11357260	SSF x Far_LoA	-9,922	0,069	0,300
CHR9	11357276	CHR9:11357276	SSF x Far_LoA	-9,012	-0,027	0,301
CHR9	11357336	CHR9:11357336	SSF x Far_LoA	-11,572	-0,036	0,286
CHR9	11357359	CHR9:11357359	SSF x Far_LoA	-2,261	-0,046	0,286
CHR9	11361140	CHR9:11361140	SSF x Far_LoA	-9,603	-0,074	0,297
CHR9	11361178	CHR9:11361178	SSF x Far_LoA	-10,738	-0,056	0,285
CHR9	11361263	CHR9:11361263	SSF x Far_LoA	-12,067	0,016	0,288
CHR9	11361281	CHR9:11361281	SSF x Far_LoA	-9,714	0,005	0,285
CHR9	11361299	CHR9:11361299	SSF x Far_LoA	-8,344	-0,122	0,284
CHR9	11361304	CHR9:11361304	SSF x Far_LoA	-9,703	0,010	0,286
CHR9	11361307	CHR9:11361307	SSF x Far_LoA	-9,620	0,106	0,293
CHR9	11361311	CHR9:11361311	SSF x Far_LoA	-10,779	0,041	0,296
CHR9	11361329	CHR9:11361329	SSF x Far_LoA	-11,209	-0,017	0,299
CHR9	11361407	CHR9:11361407	SSF x Far_LoA	-7,241	-0,100	0,292
CHR9	11364093	CHR9:11364093	SSF x Far_LoA	-8,267	0,093	0,273
CHR9	11364176	CHR9:11364176	SSF x Far_LoA	-8,999	-0,101	0,277
CHR9	11364234	CHR9:11364234	SSF x Far_LoA	-8,279	-0,017	0,299
CHR9	11364290	CHR9:11364290	SSF x Far_LoA	-5,824	0,141	0,267
CHR9	11364297	CHR9:11364297	SSF x Far_LoA	-8,060	0,113	0,263
CHR9	11364311	CHR9:11364311	SSF x Far_LoA	-8,927	-0,060	0,279
CHR9	11364316	CHR9:11364316	SSF x Far_LoA	-11,053	-0,064	0,284
CHR9	11364334	CHR9:11364334	SSF x Far_LoA	-7,909	0,070	0,295
CHR9	11364373	CHR9:11364373	SSF x Far_LoA	-8,305	0,098	0,276

CHR9	11378739	CHR9:11378739	SSF x Far_LoA	-9,223	0,007	0,306
CHR9	11378882	CHR9:11378882	SSF x Far_LoA	-9,517	-0,038	0,299
CHR9	11390455	CHR9:11390455	SSF x Far_LoA	-5,049	-0,071	0,282
CHR9	11390475	CHR9:11390475	SSF x Far_LoA	-9,649	0,076	0,293
CHR9	11390500	CHR9:11390500	SSF x Far_LoA	-10,489	-0,014	0,292
CHR9	11390676	CHR9:11390676	SSF x Far_LoA	-8,787	0,009	0,299
CHR9	11396036	CHR9:11396036	SSF x Far_LoA	-9,264	0,079	0,296
CHR9	11396054	CHR9:11396054	SSF x Far_LoA	-9,502	-0,010	0,288
CHR9	11396063	CHR9:11396063	SSF x Far_LoA	-7,736	0,094	0,295
CHR9	11396078	CHR9:11396078	SSF x Far_LoA	-8,222	-0,038	0,305
CHR9	11396135	CHR9:11396135	SSF x Far_LoA	-10,130	-0,045	0,304
CHR9	11396205	CHR9:11396205	SSF x Far_LoA	-8,702	0,054	0,291
CHR9	11396219	CHR9:11396219	SSF x Far_LoA	-12,440	0,023	0,298
CHR9	11399645	CHR9:11399645	SSF x Far_LoA	-7,512	-0,076	0,289
CHR9	1140059	CHR9:1140059	SSF x Far_LoA	-7,044	0,046	0,284
CHR9	1140092	CHR9:1140092	SSF x Far_LoA	-10,365	-0,053	0,278
CHR9	1140176	CHR9:1140176	SSF x Far_LoA	-5,964	0,058	0,299
CHR9	1140183	CHR9:1140183	SSF x Far_LoA	-9,635	-0,086	0,283
CHR9	1140199	CHR9:1140199	SSF x Far_LoA	-5,413	-0,114	0,278
CHR9	11417254	CHR9:11417254	SSF x Far_LoA	-8,935	0,067	0,285
CHR9	11417266	CHR9:11417266	SSF x Far_LoA	-8,457	-0,030	0,282
CHR9	11417446	CHR9:11417446	SSF x Far_LoA	-9,996	0,073	0,292
CHR9	11424441	CHR9:11424441	SSF x Far_LoA	-6,592	0,193	0,280
CHR9	11424517	CHR9:11424517	SSF x Far_LoA	-10,786	0,084	0,303
CHR9	11424563	CHR9:11424563	SSF x Far_LoA	-8,046	0,125	0,298
CHR9	11424613	CHR9:11424613	SSF x Far_LoA	-8,961	0,064	0,287
CHR9	11424709	CHR9:11424709	SSF x Far_LoA	-6,330	-0,189	0,266
CHR9	11439435	CHR9:11439435	SSF x Far_LoA	-8,112	-0,027	0,291
CHR9	11439583	CHR9:11439583	SSF x Far_LoA	-7,771	0,039	0,291
CHR9	11453873	CHR9:11453873	SSF x Far_LoA	-11,084	-0,048	0,282
CHR9	11453884	CHR9:11453884	SSF x Far_LoA	-11,196	0,024	0,286
CHR9	11453894	CHR9:11453894	SSF x Far_LoA	-7,705	-0,066	0,295
CHR9	11453908	CHR9:11453908	SSF x Far_LoA	-6,752	-0,168	0,291
CHR9	1146322	CHR9:1146322	SSF x Far_LoA	-10,636	-0,019	0,291
CHR9	1146330	CHR9:1146330	SSF x Far_LoA	-7,275	0,188	0,293
CHR9	11475252	CHR9:11475252	SSF x Far_LoA	-9,898	0,103	0,292
CHR9	11475366	CHR9:11475366	SSF x Far_LoA	-11,851	-0,036	0,286
CHR9	11479346	CHR9:11479346	SSF x Far_LoA	-8,572	0,010	0,301
CHR9	11479389	CHR9:11479389	SSF x Far_LoA	-7,582	-0,060	0,302
CHR9	11479390	CHR9:11479390	SSF x Far_LoA	-11,623	-0,063	0,272
CHR9	11479393	CHR9:11479393	SSF x Far_LoA	-9,341	-0,141	0,277
CHR9	11479556	CHR9:11479556	SSF x Far_LoA	-8,044	-0,172	0,279
CHR9	11479587	CHR9:11479587	SSF x Far_LoA	-9,529	-0,092	0,293
CHR9	11488791	CHR9:11488791	SSF x Far_LoA	-4,420	0,180	0,280
CHR9	11488901	CHR9:11488901	SSF x Far_LoA	-7,717	-0,068	0,276
CHR9	11510180	CHR9:11510180	SSF x Far_LoA	-8,426	0,042	0,297
CHR9	11510407	CHR9:11510407	SSF x Far_LoA	-12,165	-0,008	0,302
CHR9	11510527	CHR9:11510527	SSF x Far_LoA	-10,166	-0,055	0,283
CHR9	11510539	CHR9:11510539	SSF x Far_LoA	-9,412	-0,001	0,291
CHR9	11536881	CHR9:11536881	SSF x Far_LoA	-6,711	0,086	0,296
CHR9	11545962	CHR9:11545962	SSF x Far_LoA	-7,906	-0,121	0,279
CHR9	11547040	CHR9:11547040	SSF x Far_LoA	-11,403	0,091	0,288
CHR9	11549130	CHR9:11549130	SSF x Far_LoA	-9,231	0,058	0,296

CHR9	11549779	CHR9:11549779	SSF x Far_LoA	-6,388	0,033	0,304
CHR9	11549789	CHR9:11549789	SSF x Far_LoA	-7,629	0,016	0,282
CHR9	11555181	CHR9:11555181	SSF x Far_LoA	-6,515	-0,108	0,295
CHR9	11568988	CHR9:11568988	SSF x Far_LoA	-9,896	0,076	0,276
CHR9	11569080	CHR9:11569080	SSF x Far_LoA	-9,078	0,091	0,279
CHR9	11569108	CHR9:11569108	SSF x Far_LoA	-9,339	-0,047	0,287
CHR9	11569111	CHR9:11569111	SSF x Far_LoA	-8,834	-0,045	0,295
CHR9	11569132	CHR9:11569132	SSF x Far_LoA	-9,005	-0,062	0,293
CHR9	11569135	CHR9:11569135	SSF x Far_LoA	-9,317	-0,095	0,276
CHR9	11569145	CHR9:11569145	SSF x Far_LoA	-8,554	-0,056	0,285
CHR9	11583360	CHR9:11583360	SSF x Far_LoA	-10,407	-0,016	0,294
CHR9	11583386	CHR9:11583386	SSF x Far_LoA	-4,499	0,092	0,299
CHR9	11583391	CHR9:11583391	SSF x Far_LoA	-9,767	0,102	0,285
CHR9	11598588	CHR9:11598588	SSF x Far_LoA	-9,996	0,048	0,295
CHR9	11598592	CHR9:11598592	SSF x Far_LoA	-8,462	-0,091	0,294
CHR9	11598698	CHR9:11598698	SSF x Far_LoA	-9,696	0,011	0,295
CHR9	11622765	CHR9:11622765	SSF x Far_LoA	-9,276	0,056	0,301
CHR9	11622804	CHR9:11622804	SSF x Far_LoA	-10,752	0,010	0,290
CHR9	11631791	CHR9:11631791	SSF x Far_LoA	-6,178	-0,109	0,296
CHR9	11631898	CHR9:11631898	SSF x Far_LoA	-10,374	0,032	0,280
CHR9	11631994	CHR9:11631994	SSF x Far_LoA	-11,909	-0,068	0,275
CHR9	11637842	CHR9:11637842	SSF x Far_LoA	-6,010	-0,140	0,293
CHR9	11637869	CHR9:11637869	SSF x Far_LoA	-10,074	0,013	0,302
CHR9	11643372	CHR9:11643372	SSF x Far_LoA	-8,449	0,082	0,283
CHR9	11643443	CHR9:11643443	SSF x Far_LoA	-6,464	0,082	0,286
CHR9	11643521	CHR9:11643521	SSF x Far_LoA	-8,957	0,088	0,292
CHR9	11643591	CHR9:11643591	SSF x Far_LoA	-8,807	-0,001	0,293
CHR9	11643600	CHR9:11643600	SSF x Far_LoA	-10,912	-0,052	0,278
CHR9	11649165	CHR9:11649165	SSF x Far_LoA	-8,134	-0,084	0,276
CHR9	11649236	CHR9:11649236	SSF x Far_LoA	-7,808	0,022	0,289
CHR9	11649359	CHR9:11649359	SSF x Far_LoA	-8,845	0,035	0,298
CHR9	11660709	CHR9:11660709	SSF x Far_LoA	-5,138	0,004	0,285
CHR9	11660830	CHR9:11660830	SSF x Far_LoA	-9,659	0,029	0,287
CHR9	11662068	CHR9:11662068	SSF x Far_LoA	-7,649	0,050	0,303
CHR9	11662176	CHR9:11662176	SSF x Far_LoA	-9,556	-0,104	0,303
CHR9	11662195	CHR9:11662195	SSF x Far_LoA	-10,723	-0,075	0,293
CHR9	11662896	CHR9:11662896	SSF x Far_LoA	-6,086	0,166	0,284
CHR9	11662914	CHR9:11662914	SSF x Far_LoA	-8,927	-0,012	0,296
CHR9	11662935	CHR9:11662935	SSF x Far_LoA	-7,684	-0,067	0,298
CHR9	11662967	CHR9:11662967	SSF x Far_LoA	-7,055	0,035	0,308
CHR9	11662985	CHR9:11662985	SSF x Far_LoA	-4,487	-0,182	0,280
CHR9	11677980	CHR9:11677980	SSF x Far_LoA	-8,124	0,198	0,296
CHR9	11677985	CHR9:11677985	SSF x Far_LoA	-11,437	-0,015	0,281
CHR9	11678017	CHR9:11678017	SSF x Far_LoA	-9,823	0,025	0,291
CHR9	11678479	CHR9:11678479	SSF x Far_LoA	-9,334	-0,100	0,287
CHR9	11689711	CHR9:11689711	SSF x Far_LoA	-8,312	-0,079	0,281
CHR9	11689718	CHR9:11689718	SSF x Far_LoA	-9,892	0,035	0,294
CHR9	11697292	CHR9:11697292	SSF x Far_LoA	-8,998	-0,074	0,303
CHR9	11706682	CHR9:11706682	SSF x Far_LoA	-9,192	-0,004	0,284
CHR9	11706773	CHR9:11706773	SSF x Far_LoA	-7,477	0,122	0,287
CHR9	11706815	CHR9:11706815	SSF x Far_LoA	-10,461	-0,019	0,295
CHR9	11706922	CHR9:11706922	SSF x Far_LoA	-9,714	0,053	0,283
CHR9	11719408	CHR9:11719408	SSF x Far_LoA	-8,630	0,083	0,291

CHR9	11719469	CHR9:11719469	SSF x Far_LoA	-9,227	0,047	0,287
CHR9	11719553	CHR9:11719553	SSF x Far_LoA	-9,443	-0,024	0,291
CHR9	11719554	CHR9:11719554	SSF x Far_LoA	-11,077	-0,020	0,292
CHR9	11722969	CHR9:11722969	SSF x Far_LoA	-7,677	0,105	0,297
CHR9	11722980	CHR9:11722980	SSF x Far_LoA	-6,721	0,053	0,289
CHR9	11722987	CHR9:11722987	SSF x Far_LoA	-9,057	0,103	0,288
CHR9	11722996	CHR9:11722996	SSF x Far_LoA	-9,099	0,056	0,298
CHR9	11723068	CHR9:11723068	SSF x Far_LoA	-9,163	0,022	0,305
CHR9	11723120	CHR9:11723120	SSF x Far_LoA	-10,159	0,009	0,300
CHR9	11723139	CHR9:11723139	SSF x Far_LoA	-8,549	0,076	0,305
CHR9	11723146	CHR9:11723146	SSF x Far_LoA	-2,038	0,068	0,295
CHR9	11731325	CHR9:11731325	SSF x Far_LoA	-9,380	0,013	0,286
CHR9	11731487	CHR9:11731487	SSF x Far_LoA	-7,293	-0,116	0,289
CHR9	11796973	CHR9:11796973	SSF x Far_LoA	-9,749	0,028	0,284
CHR9	11856800	CHR9:11856800	SSF x Far_LoA	-8,510	-0,173	0,290
CHR9	11869560	CHR9:11869560	SSF x Far_LoA	-9,926	-0,082	0,307
CHR9	11874914	CHR9:11874914	SSF x Far_LoA	-9,746	0,012	0,285
CHR9	11878642	CHR9:11878642	SSF x Far_LoA	-7,336	0,097	0,287
CHR9	11878698	CHR9:11878698	SSF x Far_LoA	-8,375	0,046	0,283
CHR9	11878776	CHR9:11878776	SSF x Far_LoA	-7,973	-0,128	0,291
CHR9	11878784	CHR9:11878784	SSF x Far_LoA	-5,692	0,187	0,290
CHR9	11878795	CHR9:11878795	SSF x Far_LoA	-5,699	0,064	0,289
CHR9	11895489	CHR9:11895489	SSF x Far_LoA	-7,475	-0,097	0,313
CHR9	11895523	CHR9:11895523	SSF x Far_LoA	-8,722	-0,014	0,299
CHR9	11895551	CHR9:11895551	SSF x Far_LoA	-9,425	-0,080	0,292
CHR9	11895562	CHR9:11895562	SSF x Far_LoA	-7,978	-0,076	0,292
CHR9	11895570	CHR9:11895570	SSF x Far_LoA	-8,150	-0,091	0,304
CHR9	11895571	CHR9:11895571	SSF x Far_LoA	-11,431	0,000	0,298
CHR9	11895594	CHR9:11895594	SSF x Far_LoA	-9,954	0,080	0,305
CHR9	11895663	CHR9:11895663	SSF x Far_LoA	-8,657	-0,038	0,296
CHR9	11895698	CHR9:11895698	SSF x Far_LoA	-6,805	0,159	0,276
CHR9	11895760	CHR9:11895760	SSF x Far_LoA	-6,409	0,094	0,289
CHR9	11904221	CHR9:11904221	SSF x Far_LoA	-9,954	-0,020	0,308
CHR9	11904239	CHR9:11904239	SSF x Far_LoA	-9,544	0,106	0,284
CHR9	11912662	CHR9:11912662	SSF x Far_LoA	-10,383	-0,003	0,294
CHR9	11916307	CHR9:11916307	SSF x Far_LoA	-9,280	0,049	0,293
CHR9	11916311	CHR9:11916311	SSF x Far_LoA	-8,472	0,124	0,290
CHR9	11916312	CHR9:11916312	SSF x Far_LoA	-7,707	0,127	0,288
CHR9	11916341	CHR9:11916341	SSF x Far_LoA	-7,800	0,096	0,283
CHR9	11916440	CHR9:11916440	SSF x Far_LoA	-8,967	-0,038	0,301
CHR9	11925702	CHR9:11925702	SSF x Far_LoA	-5,296	0,092	0,291
CHR9	11925709	CHR9:11925709	SSF x Far_LoA	-6,176	0,131	0,290
CHR9	11925803	CHR9:11925803	SSF x Far_LoA	-8,657	-0,073	0,289
CHR9	11951177	CHR9:11951177	SSF x Far_LoA	-9,372	0,046	0,286
CHR9	11951191	CHR9:11951191	SSF x Far_LoA	-9,149	0,055	0,285
CHR9	11951197	CHR9:11951197	SSF x Far_LoA	-9,237	0,009	0,298
CHR9	11951211	CHR9:11951211	SSF x Far_LoA	-10,331	0,020	0,302
CHR9	11956421	CHR9:11956421	SSF x Far_LoA	-6,252	-0,015	0,298
CHR9	11956466	CHR9:11956466	SSF x Far_LoA	-8,533	0,008	0,291
CHR9	11956498	CHR9:11956498	SSF x Far_LoA	-8,505	0,085	0,287
CHR9	11956518	CHR9:11956518	SSF x Far_LoA	-8,826	-0,093	0,278
CHR9	11956532	CHR9:11956532	SSF x Far_LoA	-7,751	0,065	0,295
CHR9	11956543	CHR9:11956543	SSF x Far_LoA	-11,650	0,019	0,293

CHR9	11971234	CHR9:11971234	SSF x Far_LoA	-9,469	-0,113	0,293
CHR9	11971297	CHR9:11971297	SSF x Far_LoA	-9,585	0,097	0,296
CHR9	11971308	CHR9:11971308	SSF x Far_LoA	-8,916	0,092	0,287
CHR9	11971309	CHR9:11971309	SSF x Far_LoA	-9,596	0,155	0,271
CHR9	11971369	CHR9:11971369	SSF x Far_LoA	-9,126	-0,081	0,277
CHR9	11976952	CHR9:11976952	SSF x Far_LoA	-9,032	-0,022	0,285
CHR9	11977735	CHR9:11977735	SSF x Far_LoA	-9,176	-0,072	0,271
CHR9	11988714	CHR9:11988714	SSF x Far_LoA	-10,443	0,078	0,277
CHR9	11988728	CHR9:11988728	SSF x Far_LoA	-7,321	0,063	0,296
CHR9	11988732	CHR9:11988732	SSF x Far_LoA	-8,376	-0,167	0,281
CHR9	11988748	CHR9:11988748	SSF x Far_LoA	-9,189	0,054	0,283
CHR9	11988751	CHR9:11988751	SSF x Far_LoA	-8,135	-0,142	0,304
CHR9	11988763	CHR9:11988763	SSF x Far_LoA	-9,686	-0,135	0,287
CHR9	11988768	CHR9:11988768	SSF x Far_LoA	-9,487	0,026	0,285
CHR9	11988804	CHR9:11988804	SSF x Far_LoA	-9,810	-0,054	0,294
CHR9	11988818	CHR9:11988818	SSF x Far_LoA	-7,775	0,033	0,274
CHR9	11988825	CHR9:11988825	SSF x Far_LoA	-10,937	-0,033	0,298
CHR9	11988830	CHR9:11988830	SSF x Far_LoA	-9,471	-0,121	0,287
CHR9	11988867	CHR9:11988867	SSF x Far_LoA	-12,016	-0,040	0,291
CHR9	11988890	CHR9:11988890	SSF x Far_LoA	-6,969	-0,121	0,273
CHR9	11999869	CHR9:11999869	SSF x Far_LoA	-8,383	0,150	0,293
CHR9	11999896	CHR9:11999896	SSF x Far_LoA	-9,770	0,030	0,294
CHR9	11999988	CHR9:11999988	SSF x Far_LoA	-9,968	0,085	0,290
CHR9	12000003	CHR9:12000003	SSF x Far_LoA	-11,501	0,044	0,285
CHR9	12007821	CHR9:12007821	SSF x Far_LoA	-4,337	-0,174	0,296
CHR9	12007939	CHR9:12007939	SSF x Far_LoA	-10,006	-0,091	0,274
CHR9	12007943	CHR9:12007943	SSF x Far_LoA	-11,198	-0,057	0,267
CHR9	12007998	CHR9:12007998	SSF x Far_LoA	-10,952	-0,012	0,279
CHR9	12008026	CHR9:12008026	SSF x Far_LoA	-12,062	-0,044	0,282
CHR9	12008033	CHR9:12008033	SSF x Far_LoA	-11,196	-0,023	0,276
CHR9	12028835	CHR9:12028835	SSF x Far_LoA	-9,989	0,029	0,309
CHR9	12028880	CHR9:12028880	SSF x Far_LoA	-7,853	0,035	0,313
CHR9	12028899	CHR9:12028899	SSF x Far_LoA	-10,668	0,025	0,300
CHR9	12028986	CHR9:12028986	SSF x Far_LoA	-9,415	0,127	0,310
CHR9	12029077	CHR9:12029077	SSF x Far_LoA	-9,837	0,052	0,297
CHR9	1204604	CHR9:1204604	SSF x Far_LoA	-10,634	-0,018	0,297
CHR9	1204623	CHR9:1204623	SSF x Far_LoA	-9,102	0,107	0,289
CHR9	1204653	CHR9:1204653	SSF x Far_LoA	-9,930	0,050	0,292
CHR9	1204765	CHR9:1204765	SSF x Far_LoA	-8,790	-0,073	0,287
CHR9	1205449	CHR9:1205449	SSF x Far_LoA	-10,898	0,055	0,289
CHR9	1205509	CHR9:1205509	SSF x Far_LoA	-7,718	0,016	0,278
CHR9	1205537	CHR9:1205537	SSF x Far_LoA	-9,657	0,040	0,298
CHR9	1205586	CHR9:1205586	SSF x Far_LoA	-9,697	-0,055	0,295
CHR9	1205593	CHR9:1205593	SSF x Far_LoA	-9,415	0,041	0,305
CHR9	12056078	CHR9:12056078	SSF x Far_LoA	-9,210	0,114	0,293
CHR9	1205609	CHR9:1205609	SSF x Far_LoA	-8,714	0,048	0,286
CHR9	1205726	CHR9:1205726	SSF x Far_LoA	-10,459	-0,027	0,297
CHR9	1205778	CHR9:1205778	SSF x Far_LoA	-10,394	0,021	0,300
CHR9	12072664	CHR9:12072664	SSF x Far_LoA	-10,091	0,014	0,308
CHR9	12083250	CHR9:12083250	SSF x Far_LoA	-8,784	0,166	0,277
CHR9	12083284	CHR9:12083284	SSF x Far_LoA	-8,293	0,010	0,298
CHR9	12083296	CHR9:12083296	SSF x Far_LoA	-9,863	-0,034	0,293
CHR9	12084211	CHR9:12084211	SSF x Far_LoA	-7,439	0,059	0,284

CHR9	12084254	CHR9:12084254	SSF x Far_LoA	-8,591	0,093	0,274
CHR9	12084359	CHR9:12084359	SSF x Far_LoA	-9,422	0,007	0,297
CHR9	12084407	CHR9:12084407	SSF x Far_LoA	-7,015	-0,096	0,292
CHR9	12084533	CHR9:12084533	SSF x Far_LoA	-6,508	-0,014	0,299
CHR9	12089798	CHR9:12089798	SSF x Far_LoA	-8,732	-0,080	0,291
CHR9	12089924	CHR9:12089924	SSF x Far_LoA	-9,970	-0,011	0,302
CHR9	12089927	CHR9:12089927	SSF x Far_LoA	-8,202	-0,077	0,278
CHR9	12089982	CHR9:12089982	SSF x Far_LoA	-8,152	0,076	0,286
CHR9	12089996	CHR9:12089996	SSF x Far_LoA	-8,242	0,092	0,298
CHR9	12089999	CHR9:12089999	SSF x Far_LoA	-8,598	0,121	0,286
CHR9	12090075	CHR9:12090075	SSF x Far_LoA	-8,563	0,003	0,286
CHR9	12090117	CHR9:12090117	SSF x Far_LoA	-10,116	-0,012	0,289
CHR9	12090123	CHR9:12090123	SSF x Far_LoA	-9,633	0,016	0,292
CHR9	12090130	CHR9:12090130	SSF x Far_LoA	-9,606	0,000	0,289
CHR9	12090136	CHR9:12090136	SSF x Far_LoA	-10,153	-0,043	0,273
CHR9	12090155	CHR9:12090155	SSF x Far_LoA	-7,210	0,115	0,292
CHR9	12090164	CHR9:12090164	SSF x Far_LoA	-8,668	0,026	0,298
CHR9	12090176	CHR9:12090176	SSF x Far_LoA	-10,431	0,073	0,287
CHR9	12093283	CHR9:12093283	SSF x Far_LoA	-10,382	-0,026	0,303
CHR9	12093381	CHR9:12093381	SSF x Far_LoA	-9,862	-0,062	0,290
CHR9	12093410	CHR9:12093410	SSF x Far_LoA	-9,425	0,106	0,282
CHR9	12093430	CHR9:12093430	SSF x Far_LoA	-9,216	-0,007	0,286
CHR9	12135168	CHR9:12135168	SSF x Far_LoA	-11,809	-0,061	0,286
CHR9	12135396	CHR9:12135396	SSF x Far_LoA	-7,122	0,077	0,299
CHR9	12135431	CHR9:12135431	SSF x Far_LoA	-10,175	-0,013	0,290
CHR9	12164899	CHR9:12164899	SSF x Far_LoA	-7,923	-0,124	0,286
CHR9	12164900	CHR9:12164900	SSF x Far_LoA	-9,812	-0,148	0,281
CHR9	12164905	CHR9:12164905	SSF x Far_LoA	-10,177	-0,163	0,289
CHR9	12165086	CHR9:12165086	SSF x Far_LoA	-5,783	0,093	0,282
CHR9	12195429	CHR9:12195429	SSF x Far_LoA	-3,800	0,094	0,291
CHR9	12195455	CHR9:12195455	SSF x Far_LoA	-11,544	-0,020	0,288
CHR9	12195555	CHR9:12195555	SSF x Far_LoA	-7,460	-0,119	0,286
CHR9	12201985	CHR9:12201985	SSF x Far_LoA	-11,376	0,059	0,274
CHR9	12205625	CHR9:12205625	SSF x Far_LoA	-9,015	-0,101	0,288
CHR9	12221008	CHR9:12221008	SSF x Far_LoA	-9,794	-0,084	0,307
CHR9	12221046	CHR9:12221046	SSF x Far_LoA	-10,193	0,010	0,308
CHR9	12221070	CHR9:12221070	SSF x Far_LoA	-10,338	-0,009	0,297
CHR9	12221071	CHR9:12221071	SSF x Far_LoA	-9,239	0,004	0,291
CHR9	12221075	CHR9:12221075	SSF x Far_LoA	-10,299	-0,036	0,294
CHR9	12221167	CHR9:12221167	SSF x Far_LoA	-9,909	-0,103	0,306
CHR9	12221179	CHR9:12221179	SSF x Far_LoA	-9,965	-0,137	0,282
CHR9	12221215	CHR9:12221215	SSF x Far_LoA	-8,397	-0,030	0,301
CHR9	12221231	CHR9:12221231	SSF x Far_LoA	-10,136	-0,075	0,293
CHR9	12228057	CHR9:12228057	SSF x Far_LoA	-9,585	0,032	0,279
CHR9	12228080	CHR9:12228080	SSF x Far_LoA	-9,649	0,053	0,295
CHR9	12228176	CHR9:12228176	SSF x Far_LoA	-11,127	0,046	0,287
CHR9	12228193	CHR9:12228193	SSF x Far_LoA	-11,389	-0,025	0,300
CHR9	12252964	CHR9:12252964	SSF x Far_LoA	-11,571	0,049	0,293
CHR9	12253019	CHR9:12253019	SSF x Far_LoA	-9,308	0,056	0,305
CHR9	12257538	CHR9:12257538	SSF x Far_LoA	-3,758	0,032	0,301
CHR9	12257794	CHR9:12257794	SSF x Far_LoA	-0,051	0,212	0,282
CHR9	12266326	CHR9:12266326	SSF x Far_LoA	-8,863	0,036	0,286
CHR9	12269201	CHR9:12269201	SSF x Far_LoA	-9,402	-0,018	0,301

CHR9	12269204	CHR9:12269204	SSF x Far_LoA	-10,117	-0,145	0,279
CHR9	12269221	CHR9:12269221	SSF x Far_LoA	-4,738	-0,188	0,254
CHR9	12287658	CHR9:12287658	SSF x Far_LoA	-5,215	0,216	0,280
CHR9	12287800	CHR9:12287800	SSF x Far_LoA	-7,114	0,106	0,291
CHR9	12287841	CHR9:12287841	SSF x Far_LoA	-7,700	0,100	0,296
CHR9	12287898	CHR9:12287898	SSF x Far_LoA	-7,763	0,045	0,289
CHR9	12292687	CHR9:12292687	SSF x Far_LoA	-10,335	-0,005	0,287
CHR9	12292849	CHR9:12292849	SSF x Far_LoA	-6,646	0,187	0,274
CHR9	12292856	CHR9:12292856	SSF x Far_LoA	-6,867	0,209	0,265
CHR9	12296992	CHR9:12296992	SSF x Far_LoA	-6,701	0,106	0,289
CHR9	12297029	CHR9:12297029	SSF x Far_LoA	-9,105	0,083	0,284
CHR9	12297119	CHR9:12297119	SSF x Far_LoA	-9,445	0,067	0,302
CHR9	12307387	CHR9:12307387	SSF x Far_LoA	-9,783	0,018	0,299
CHR9	12324763	CHR9:12324763	SSF x Far_LoA	-7,951	-0,020	0,290
CHR9	12324773	CHR9:12324773	SSF x Far_LoA	-8,687	-0,036	0,298
CHR9	12333483	CHR9:12333483	SSF x Far_LoA	-9,629	0,048	0,292
CHR9	12333544	CHR9:12333544	SSF x Far_LoA	-10,643	-0,126	0,282
CHR9	12333557	CHR9:12333557	SSF x Far_LoA	-7,752	0,017	0,288
CHR9	12333584	CHR9:12333584	SSF x Far_LoA	-10,102	0,073	0,290
CHR9	12333601	CHR9:12333601	SSF x Far_LoA	-11,042	-0,016	0,283
CHR9	12333642	CHR9:12333642	SSF x Far_LoA	-10,551	0,011	0,286
CHR9	12335555	CHR9:12335555	SSF x Far_LoA	-10,201	-0,015	0,287
CHR9	12335587	CHR9:12335587	SSF x Far_LoA	-8,100	0,087	0,288
CHR9	12335757	CHR9:12335757	SSF x Far_LoA	-11,507	-0,025	0,279
CHR9	12335760	CHR9:12335760	SSF x Far_LoA	-8,915	-0,063	0,283
CHR9	12335767	CHR9:12335767	SSF x Far_LoA	-7,916	0,139	0,279
CHR9	12335798	CHR9:12335798	SSF x Far_LoA	-9,704	-0,040	0,294
CHR9	1234193	CHR9:1234193	SSF x Far_LoA	-9,052	0,147	0,288
CHR9	12383052	CHR9:12383052	SSF x Far_LoA	-8,425	0,048	0,276
CHR9	12392678	CHR9:12392678	SSF x Far_LoA	-10,837	-0,004	0,284
CHR9	12392708	CHR9:12392708	SSF x Far_LoA	-10,403	0,021	0,297
CHR9	12392910	CHR9:12392910	SSF x Far_LoA	-9,874	-0,075	0,288
CHR9	12392975	CHR9:12392975	SSF x Far_LoA	-9,794	-0,055	0,293
CHR9	12413529	CHR9:12413529	SSF x Far_LoA	-11,813	0,014	0,290
CHR9	12413552	CHR9:12413552	SSF x Far_LoA	-9,416	0,008	0,283
CHR9	12425723	CHR9:12425723	SSF x Far_LoA	-2,532	0,224	0,286
CHR9	12433667	CHR9:12433667	SSF x Far_LoA	-6,389	0,076	0,293
CHR9	12435162	CHR9:12435162	SSF x Far_LoA	-4,990	-0,012	0,290
CHR9	12435230	CHR9:12435230	SSF x Far_LoA	-9,844	0,101	0,290
CHR9	1243554	CHR9:1243554	SSF x Far_LoA	-8,543	-0,051	0,296
CHR9	12443428	CHR9:12443428	SSF x Far_LoA	-10,351	-0,060	0,283
CHR9	12443575	CHR9:12443575	SSF x Far_LoA	-10,169	-0,094	0,295
CHR9	12443577	CHR9:12443577	SSF x Far_LoA	-11,525	-0,100	0,280
CHR9	12443593	CHR9:12443593	SSF x Far_LoA	-11,321	0,011	0,283
CHR9	12448142	CHR9:12448142	SSF x Far_LoA	-8,072	0,111	0,296
CHR9	12448176	CHR9:12448176	SSF x Far_LoA	-4,217	-0,050	0,297
CHR9	12448209	CHR9:12448209	SSF x Far_LoA	-10,556	-0,061	0,300
CHR9	12448356	CHR9:12448356	SSF x Far_LoA	-7,054	0,143	0,289
CHR9	12455637	CHR9:12455637	SSF x Far_LoA	-10,201	0,002	0,303
CHR9	12455669	CHR9:12455669	SSF x Far_LoA	-2,705	-0,097	0,292
CHR9	12455689	CHR9:12455689	SSF x Far_LoA	-9,554	0,043	0,279
CHR9	12455700	CHR9:12455700	SSF x Far_LoA	-9,090	-0,006	0,296
CHR9	12455714	CHR9:12455714	SSF x Far_LoA	-9,290	-0,008	0,299

CHR9	12455725	CHR9:12455725	SSF x Far_LoA	-9,195	0,001	0,298
CHR9	12455735	CHR9:12455735	SSF x Far_LoA	-9,375	0,048	0,288
CHR9	12455846	CHR9:12455846	SSF x Far_LoA	-8,131	0,022	0,282
CHR9	12458050	CHR9:12458050	SSF x Far_LoA	-10,795	0,082	0,297
CHR9	12472751	CHR9:12472751	SSF x Far_LoA	-7,024	-0,075	0,292
CHR9	12472790	CHR9:12472790	SSF x Far_LoA	-10,960	0,047	0,278
CHR9	12472795	CHR9:12472795	SSF x Far_LoA	-8,802	0,106	0,276
CHR9	12472899	CHR9:12472899	SSF x Far_LoA	-10,759	0,086	0,285
CHR9	12478097	CHR9:12478097	SSF x Far_LoA	-8,529	-0,106	0,286
CHR9	12478123	CHR9:12478123	SSF x Far_LoA	-6,934	-0,126	0,275
CHR9	12479249	CHR9:12479249	SSF x Far_LoA	-9,366	0,050	0,285
CHR9	12479353	CHR9:12479353	SSF x Far_LoA	-10,742	0,004	0,295
CHR9	12479396	CHR9:12479396	SSF x Far_LoA	-9,706	0,050	0,294
CHR9	12480574	CHR9:12480574	SSF x Far_LoA	-11,702	0,080	0,280
CHR9	12480604	CHR9:12480604	SSF x Far_LoA	-10,145	0,079	0,286
CHR9	12480629	CHR9:12480629	SSF x Far_LoA	-7,119	0,145	0,291
CHR9	12480663	CHR9:12480663	SSF x Far_LoA	-7,589	0,178	0,277
CHR9	12480768	CHR9:12480768	SSF x Far_LoA	-8,210	0,046	0,287
CHR9	12496979	CHR9:12496979	SSF x Far_LoA	-7,220	-0,220	0,276
CHR9	12496983	CHR9:12496983	SSF x Far_LoA	-8,163	-0,061	0,297
CHR9	12497222	CHR9:12497222	SSF x Far_LoA	-11,704	0,035	0,286
CHR9	12507307	CHR9:12507307	SSF x Far_LoA	-8,025	-0,149	0,294
CHR9	12507419	CHR9:12507419	SSF x Far_LoA	-7,806	0,068	0,291
CHR9	12507466	CHR9:12507466	SSF x Far_LoA	-8,522	0,018	0,304
CHR9	12507489	CHR9:12507489	SSF x Far_LoA	-10,124	0,005	0,294
CHR9	12508605	CHR9:12508605	SSF x Far_LoA	-9,791	-0,115	0,291
CHR9	12512324	CHR9:12512324	SSF x Far_LoA	-10,635	-0,005	0,304
CHR9	12512359	CHR9:12512359	SSF x Far_LoA	-10,073	-0,110	0,296
CHR9	12512417	CHR9:12512417	SSF x Far_LoA	-7,182	0,102	0,310
CHR9	12512497	CHR9:12512497	SSF x Far_LoA	-10,527	-0,075	0,276
CHR9	12512533	CHR9:12512533	SSF x Far_LoA	-9,596	0,043	0,293
CHR9	12539499	CHR9:12539499	SSF x Far_LoA	-10,683	0,000	0,285
CHR9	12539527	CHR9:12539527	SSF x Far_LoA	-6,958	-0,034	0,299
CHR9	12539555	CHR9:12539555	SSF x Far_LoA	-9,980	0,022	0,290
CHR9	12539578	CHR9:12539578	SSF x Far_LoA	-8,978	-0,033	0,292
CHR9	12539704	CHR9:12539704	SSF x Far_LoA	-10,623	0,023	0,294
CHR9	12539710	CHR9:12539710	SSF x Far_LoA	-10,240	0,060	0,284
CHR9	12539712	CHR9:12539712	SSF x Far_LoA	-2,940	0,176	0,266
CHR9	12539715	CHR9:12539715	SSF x Far_LoA	-10,328	-0,025	0,281
CHR9	12551020	CHR9:12551020	SSF x Far_LoA	-10,103	-0,068	0,284
CHR9	12551058	CHR9:12551058	SSF x Far_LoA	-5,598	-0,097	0,294
CHR9	12551064	CHR9:12551064	SSF x Far_LoA	-11,233	0,060	0,278
CHR9	12551086	CHR9:12551086	SSF x Far_LoA	-10,331	0,041	0,304
CHR9	12600728	CHR9:12600728	SSF x Far_LoA	-9,322	-0,073	0,288
CHR9	12605702	CHR9:12605702	SSF x Far_LoA	-7,585	-0,087	0,301
CHR9	12605777	CHR9:12605777	SSF x Far_LoA	-10,159	0,010	0,275
CHR9	12612698	CHR9:12612698	SSF x Far_LoA	-11,793	-0,027	0,286
CHR9	12617248	CHR9:12617248	SSF x Far_LoA	-10,459	0,031	0,296
CHR9	12619247	CHR9:12619247	SSF x Far_LoA	-7,682	-0,112	0,292
CHR9	12619266	CHR9:12619266	SSF x Far_LoA	-9,115	-0,064	0,281
CHR9	1261982	CHR9:1261982	SSF x Far_LoA	-7,178	-0,192	0,282
CHR9	12625141	CHR9:12625141	SSF x Far_LoA	-10,776	0,051	0,293
CHR9	1262642	CHR9:1262642	SSF x Far_LoA	-7,682	-0,020	0,302

CHR9	12638560	CHR9:12638560	SSF x Far_LoA	-0,530	0,101	0,290
CHR9	12638579	CHR9:12638579	SSF x Far_LoA	-8,519	0,069	0,290
CHR9	12639765	CHR9:12639765	SSF x Far_LoA	-9,966	0,062	0,273
CHR9	12640072	CHR9:12640072	SSF x Far_LoA	-7,935	-0,036	0,304
CHR9	12679119	CHR9:12679119	SSF x Far_LoA	-10,876	0,043	0,285
CHR9	12679148	CHR9:12679148	SSF x Far_LoA	-10,803	0,037	0,281
CHR9	12690485	CHR9:12690485	SSF x Far_LoA	-9,354	-0,028	0,285
CHR9	12690532	CHR9:12690532	SSF x Far_LoA	-7,541	-0,048	0,296
CHR9	12691139	CHR9:12691139	SSF x Far_LoA	-11,427	0,075	0,288
CHR9	12699889	CHR9:12699889	SSF x Far_LoA	-12,397	-0,009	0,290
CHR9	12705494	CHR9:12705494	SSF x Far_LoA	-5,781	-0,105	0,298
CHR9	12705570	CHR9:12705570	SSF x Far_LoA	-10,853	0,019	0,304
CHR9	12705619	CHR9:12705619	SSF x Far_LoA	-8,010	0,163	0,286
CHR9	12705651	CHR9:12705651	SSF x Far_LoA	-8,397	-0,089	0,299
CHR9	12705657	CHR9:12705657	SSF x Far_LoA	-11,698	0,038	0,297
CHR9	12705713	CHR9:12705713	SSF x Far_LoA	-9,459	-0,067	0,300
CHR9	12728972	CHR9:12728972	SSF x Far_LoA	-5,562	0,152	0,275
CHR9	12730148	CHR9:12730148	SSF x Far_LoA	-7,211	0,102	0,286
CHR9	12811728	CHR9:12811728	SSF x Far_LoA	-7,416	0,131	0,289
CHR9	12830185	CHR9:12830185	SSF x Far_LoA	-8,754	0,049	0,293
CHR9	12830221	CHR9:12830221	SSF x Far_LoA	-7,894	0,115	0,292
CHR9	12843415	CHR9:12843415	SSF x Far_LoA	-8,821	-0,003	0,288
CHR9	12868594	CHR9:12868594	SSF x Far_LoA	-9,587	0,056	0,292
CHR9	12892064	CHR9:12892064	SSF x Far_LoA	-9,645	-0,115	0,294
CHR9	12900063	CHR9:12900063	SSF x Far_LoA	-8,420	0,003	0,296
CHR9	12901967	CHR9:12901967	SSF x Far_LoA	-9,240	0,127	0,278
CHR9	12901982	CHR9:12901982	SSF x Far_LoA	-9,333	0,018	0,280
CHR9	12902006	CHR9:12902006	SSF x Far_LoA	-11,361	0,065	0,278
CHR9	12902065	CHR9:12902065	SSF x Far_LoA	-7,882	0,054	0,287
CHR9	12902088	CHR9:12902088	SSF x Far_LoA	-11,125	-0,064	0,313
CHR9	12903661	CHR9:12903661	SSF x Far_LoA	-8,279	0,100	0,301
CHR9	12903841	CHR9:12903841	SSF x Far_LoA	-6,624	-0,111	0,300
CHR9	12903856	CHR9:12903856	SSF x Far_LoA	-8,466	0,110	0,288
CHR9	12903938	CHR9:12903938	SSF x Far_LoA	-11,126	-0,014	0,295
CHR9	12904000	CHR9:12904000	SSF x Far_LoA	-11,199	0,079	0,279
CHR9	12918230	CHR9:12918230	SSF x Far_LoA	-11,187	0,061	0,280
CHR9	12918240	CHR9:12918240	SSF x Far_LoA	-11,214	-0,061	0,278
CHR9	12918347	CHR9:12918347	SSF x Far_LoA	-11,306	0,053	0,282
CHR9	12918389	CHR9:12918389	SSF x Far_LoA	-8,462	-0,066	0,286
CHR9	12931945	CHR9:12931945	SSF x Far_LoA	-10,459	-0,011	0,305
CHR9	12932146	CHR9:12932146	SSF x Far_LoA	-11,196	-0,042	0,282
CHR9	12932370	CHR9:12932370	SSF x Far_LoA	-6,746	-0,115	0,282
CHR9	12960119	CHR9:12960119	SSF x Far_LoA	-10,871	-0,031	0,295
CHR9	12960123	CHR9:12960123	SSF x Far_LoA	-7,775	-0,057	0,279
CHR9	12960182	CHR9:12960182	SSF x Far_LoA	-2,266	0,080	0,282
CHR9	12960320	CHR9:12960320	SSF x Far_LoA	-7,631	-0,082	0,302
CHR9	12960348	CHR9:12960348	SSF x Far_LoA	-6,943	-0,066	0,300
CHR9	12971457	CHR9:12971457	SSF x Far_LoA	-8,452	0,015	0,287
CHR9	12971463	CHR9:12971463	SSF x Far_LoA	-6,015	0,057	0,273
CHR9	13027314	CHR9:13027314	SSF x Far_LoA	-9,159	-0,135	0,285
CHR9	13027490	CHR9:13027490	SSF x Far_LoA	-10,138	0,019	0,298
CHR9	13027511	CHR9:13027511	SSF x Far_LoA	-10,845	-0,118	0,280
CHR9	13027520	CHR9:13027520	SSF x Far_LoA	-10,003	-0,061	0,282

CHR9	13027580	CHR9:13027580	SSF x Far_LoA	-9,122	0,007	0,286
CHR9	13027599	CHR9:13027599	SSF x Far_LoA	-7,807	-0,017	0,285
CHR9	13027634	CHR9:13027634	SSF x Far_LoA	-6,847	0,038	0,278
CHR9	13047650	CHR9:13047650	SSF x Far_LoA	-9,365	0,121	0,283
CHR9	13060974	CHR9:13060974	SSF x Far_LoA	-9,937	0,054	0,294
CHR9	13061870	CHR9:13061870	SSF x Far_LoA	2,568	0,118	0,288
CHR9	13063231	CHR9:13063231	SSF x Far_LoA	-11,890	-0,048	0,292
CHR9	13066348	CHR9:13066348	SSF x Far_LoA	-8,684	0,031	0,283
CHR9	13066586	CHR9:13066586	SSF x Far_LoA	0,160	-0,262	0,279
CHR9	13076779	CHR9:13076779	SSF x Far_LoA	-8,168	0,076	0,297
CHR9	13076881	CHR9:13076881	SSF x Far_LoA	-9,458	-0,007	0,277
CHR9	13088235	CHR9:13088235	SSF x Far_LoA	-10,436	-0,008	0,295
CHR9	13089694	CHR9:13089694	SSF x Far_LoA	-7,885	0,117	0,285
CHR9	13089982	CHR9:13089982	SSF x Far_LoA	-10,389	0,022	0,299
CHR9	13106446	CHR9:13106446	SSF x Far_LoA	-9,351	-0,074	0,291
CHR9	13106477	CHR9:13106477	SSF x Far_LoA	-9,236	-0,022	0,290
CHR9	13106489	CHR9:13106489	SSF x Far_LoA	-9,685	0,038	0,293
CHR9	13106498	CHR9:13106498	SSF x Far_LoA	-7,574	-0,143	0,301
CHR9	13106502	CHR9:13106502	SSF x Far_LoA	-9,470	0,021	0,299
CHR9	13107170	CHR9:13107170	SSF x Far_LoA	-4,148	0,218	0,296
CHR9	13107178	CHR9:13107178	SSF x Far_LoA	-4,731	0,098	0,292
CHR9	13110279	CHR9:13110279	SSF x Far_LoA	-10,382	-0,013	0,302
CHR9	13110280	CHR9:13110280	SSF x Far_LoA	-11,467	0,006	0,293
CHR9	13110345	CHR9:13110345	SSF x Far_LoA	-11,431	0,074	0,282
CHR9	13110405	CHR9:13110405	SSF x Far_LoA	-10,525	0,048	0,295
CHR9	13111935	CHR9:13111935	SSF x Far_LoA	-11,204	0,069	0,298
CHR9	13115873	CHR9:13115873	SSF x Far_LoA	-8,287	0,056	0,291
CHR9	13125755	CHR9:13125755	SSF x Far_LoA	-11,859	-0,041	0,286
CHR9	13138264	CHR9:13138264	SSF x Far_LoA	-11,156	-0,046	0,284
CHR9	13138289	CHR9:13138289	SSF x Far_LoA	-9,499	-0,013	0,290
CHR9	13138302	CHR9:13138302	SSF x Far_LoA	-9,231	0,009	0,288
CHR9	13138491	CHR9:13138491	SSF x Far_LoA	-9,684	-0,046	0,300
CHR9	13138508	CHR9:13138508	SSF x Far_LoA	-9,693	-0,054	0,292
CHR9	13138510	CHR9:13138510	SSF x Far_LoA	-10,228	-0,040	0,301
CHR9	13138547	CHR9:13138547	SSF x Far_LoA	-9,718	0,027	0,287
CHR9	13138551	CHR9:13138551	SSF x Far_LoA	-8,692	-0,042	0,296
CHR9	13138552	CHR9:13138552	SSF x Far_LoA	-8,645	-0,033	0,295
CHR9	13147440	CHR9:13147440	SSF x Far_LoA	-8,756	-0,034	0,294
CHR9	13147497	CHR9:13147497	SSF x Far_LoA	-5,881	-0,109	0,313
CHR9	13147553	CHR9:13147553	SSF x Far_LoA	-8,756	0,053	0,284
CHR9	13147580	CHR9:13147580	SSF x Far_LoA	-8,915	-0,026	0,288
CHR9	13156517	CHR9:13156517	SSF x Far_LoA	-10,240	-0,038	0,285
CHR9	13156550	CHR9:13156550	SSF x Far_LoA	-9,535	-0,053	0,300
CHR9	13156561	CHR9:13156561	SSF x Far_LoA	-10,239	-0,027	0,298
CHR9	13156587	CHR9:13156587	SSF x Far_LoA	-8,193	0,107	0,295
CHR9	13156594	CHR9:13156594	SSF x Far_LoA	-9,663	0,015	0,308
CHR9	13159814	CHR9:13159814	SSF x Far_LoA	-2,575	-0,125	0,289
CHR9	13159906	CHR9:13159906	SSF x Far_LoA	-7,835	0,128	0,303
CHR9	13160041	CHR9:13160041	SSF x Far_LoA	-9,043	0,087	0,296
CHR9	13167797	CHR9:13167797	SSF x Far_LoA	-10,535	0,006	0,294
CHR9	13177591	CHR9:13177591	SSF x Far_LoA	-8,525	0,035	0,286
CHR9	13177890	CHR9:13177890	SSF x Far_LoA	-7,757	0,082	0,288
CHR9	13177911	CHR9:13177911	SSF x Far_LoA	-5,729	0,146	0,292

CHR9	13199381	CHR9:13199381	SSF x Far_LoA	-10,943	-0,011	0,278
CHR9	13199382	CHR9:13199382	SSF x Far_LoA	-10,741	-0,012	0,296
CHR9	13199408	CHR9:13199408	SSF x Far_LoA	-10,674	-0,023	0,285
CHR9	13199588	CHR9:13199588	SSF x Far_LoA	-8,553	-0,141	0,305
CHR9	13199638	CHR9:13199638	SSF x Far_LoA	-11,584	0,006	0,287
CHR9	13222510	CHR9:13222510	SSF x Far_LoA	-11,685	-0,007	0,286
CHR9	13222511	CHR9:13222511	SSF x Far_LoA	-11,357	0,017	0,296
CHR9	13222513	CHR9:13222513	SSF x Far_LoA	-11,512	-0,005	0,287
CHR9	13222514	CHR9:13222514	SSF x Far_LoA	-9,550	-0,024	0,290
CHR9	13222517	CHR9:13222517	SSF x Far_LoA	-10,116	-0,045	0,299
CHR9	13222518	CHR9:13222518	SSF x Far_LoA	-9,727	-0,049	0,310
CHR9	13223888	CHR9:13223888	SSF x Far_LoA	-8,685	0,006	0,293
CHR9	13227648	CHR9:13227648	SSF x Far_LoA	-7,602	-0,161	0,304
CHR9	13227705	CHR9:13227705	SSF x Far_LoA	-6,318	-0,007	0,298
CHR9	13227915	CHR9:13227915	SSF x Far_LoA	-10,091	-0,001	0,294
CHR9	13227978	CHR9:13227978	SSF x Far_LoA	-8,085	0,009	0,289
CHR9	13228772	CHR9:13228772	SSF x Far_LoA	-8,064	-0,128	0,299
CHR9	13240610	CHR9:13240610	SSF x Far_LoA	-9,066	0,071	0,285
CHR9	13240612	CHR9:13240612	SSF x Far_LoA	-8,500	0,016	0,298
CHR9	13248178	CHR9:13248178	SSF x Far_LoA	-9,949	-0,043	0,280
CHR9	13248264	CHR9:13248264	SSF x Far_LoA	-10,734	-0,053	0,293
CHR9	13256492	CHR9:13256492	SSF x Far_LoA	-10,586	0,000	0,298
CHR9	13260874	CHR9:13260874	SSF x Far_LoA	-10,486	0,062	0,290
CHR9	13303283	CHR9:13303283	SSF x Far_LoA	-8,947	-0,043	0,298
CHR9	13308232	CHR9:13308232	SSF x Far_LoA	-10,111	-0,112	0,289
CHR9	13318907	CHR9:13318907	SSF x Far_LoA	-7,598	0,213	0,263
CHR9	13318980	CHR9:13318980	SSF x Far_LoA	-8,579	-0,117	0,295
CHR9	13318983	CHR9:13318983	SSF x Far_LoA	-8,105	-0,108	0,297
CHR9	13328947	CHR9:13328947	SSF x Far_LoA	-10,789	-0,055	0,299
CHR9	13328968	CHR9:13328968	SSF x Far_LoA	-10,605	0,006	0,286
CHR9	13329263	CHR9:13329263	SSF x Far_LoA	-9,109	0,037	0,285
CHR9	13335236	CHR9:13335236	SSF x Far_LoA	-9,222	0,036	0,295
CHR9	13346805	CHR9:13346805	SSF x Far_LoA	-3,656	0,107	0,299
CHR9	13346828	CHR9:13346828	SSF x Far_LoA	-9,099	-0,041	0,283
CHR9	13346984	CHR9:13346984	SSF x Far_LoA	-9,433	-0,040	0,286
CHR9	13346987	CHR9:13346987	SSF x Far_LoA	-10,896	0,073	0,301
CHR9	13351276	CHR9:13351276	SSF x Far_LoA	-8,675	0,136	0,287
CHR9	13351281	CHR9:13351281	SSF x Far_LoA	-9,302	0,062	0,304
CHR9	13351448	CHR9:13351448	SSF x Far_LoA	-10,686	-0,038	0,281
CHR9	13351463	CHR9:13351463	SSF x Far_LoA	-6,859	0,067	0,285
CHR9	13351566	CHR9:13351566	SSF x Far_LoA	-8,982	-0,084	0,302
CHR9	13364815	CHR9:13364815	SSF x Far_LoA	-9,754	0,027	0,300
CHR9	13374411	CHR9:13374411	SSF x Far_LoA	-8,793	-0,046	0,290
CHR9	13374471	CHR9:13374471	SSF x Far_LoA	-8,152	0,072	0,299
CHR9	13374501	CHR9:13374501	SSF x Far_LoA	-7,849	0,109	0,293
CHR9	13374502	CHR9:13374502	SSF x Far_LoA	-9,729	0,106	0,278
CHR9	13374533	CHR9:13374533	SSF x Far_LoA	-6,878	0,137	0,290
CHR9	13374557	CHR9:13374557	SSF x Far_LoA	-10,474	0,041	0,288
CHR9	13374577	CHR9:13374577	SSF x Far_LoA	-7,005	-0,138	0,283
CHR9	13381180	CHR9:13381180	SSF x Far_LoA	-8,509	0,133	0,282
CHR9	13381328	CHR9:13381328	SSF x Far_LoA	-8,156	0,008	0,303
CHR9	13381335	CHR9:13381335	SSF x Far_LoA	-11,948	0,005	0,291
CHR9	13381369	CHR9:13381369	SSF x Far_LoA	-11,636	-0,049	0,294

CHR9	13392158	CHR9:13392158	SSF x Far_LoA	-9,392	-0,158	0,285
CHR9	13392216	CHR9:13392216	SSF x Far_LoA	-10,050	0,013	0,296
CHR9	13394107	CHR9:13394107	SSF x Far_LoA	-9,415	-0,046	0,303
CHR9	13394198	CHR9:13394198	SSF x Far_LoA	-7,819	-0,029	0,299
CHR9	13394205	CHR9:13394205	SSF x Far_LoA	-8,791	-0,020	0,286
CHR9	13394211	CHR9:13394211	SSF x Far_LoA	-11,680	0,079	0,295
CHR9	13394220	CHR9:13394220	SSF x Far_LoA	-9,314	-0,019	0,278
CHR9	13394241	CHR9:13394241	SSF x Far_LoA	-9,233	0,083	0,290
CHR9	13406224	CHR9:13406224	SSF x Far_LoA	-8,772	0,017	0,307
CHR9	13406394	CHR9:13406394	SSF x Far_LoA	-10,883	0,088	0,291
CHR9	13406422	CHR9:13406422	SSF x Far_LoA	-9,950	0,054	0,290
CHR9	13406451	CHR9:13406451	SSF x Far_LoA	-11,363	-0,017	0,284
CHR9	13406473	CHR9:13406473	SSF x Far_LoA	-8,697	-0,027	0,305
CHR9	13408663	CHR9:13408663	SSF x Far_LoA	-9,339	-0,004	0,297
CHR9	13408713	CHR9:13408713	SSF x Far_LoA	-8,819	0,069	0,285
CHR9	13427250	CHR9:13427250	SSF x Far_LoA	-4,058	-0,032	0,298
CHR9	13427430	CHR9:13427430	SSF x Far_LoA	-9,151	0,051	0,312
CHR9	13427509	CHR9:13427509	SSF x Far_LoA	-8,880	0,140	0,288
CHR9	13435845	CHR9:13435845	SSF x Far_LoA	-8,484	-0,067	0,276
CHR9	13435921	CHR9:13435921	SSF x Far_LoA	-8,209	-0,075	0,299
CHR9	13435963	CHR9:13435963	SSF x Far_LoA	-8,991	-0,018	0,295
CHR9	13447805	CHR9:13447805	SSF x Far_LoA	-9,930	0,051	0,305
CHR9	13447864	CHR9:13447864	SSF x Far_LoA	-9,592	0,126	0,296
CHR9	13447869	CHR9:13447869	SSF x Far_LoA	-8,239	-0,163	0,283
CHR9	13447914	CHR9:13447914	SSF x Far_LoA	-7,704	0,099	0,295
CHR9	13452740	CHR9:13452740	SSF x Far_LoA	-11,578	0,005	0,287
CHR9	13452953	CHR9:13452953	SSF x Far_LoA	-11,044	-0,002	0,278
CHR9	13453000	CHR9:13453000	SSF x Far_LoA	-10,996	-0,058	0,290
CHR9	13456635	CHR9:13456635	SSF x Far_LoA	-8,678	0,056	0,282
CHR9	13456719	CHR9:13456719	SSF x Far_LoA	-11,750	0,060	0,284
CHR9	13456725	CHR9:13456725	SSF x Far_LoA	-9,298	-0,051	0,272
CHR9	13456770	CHR9:13456770	SSF x Far_LoA	-8,929	-0,103	0,298
CHR9	13463493	CHR9:13463493	SSF x Far_LoA	-6,778	0,095	0,310
CHR9	13463498	CHR9:13463498	SSF x Far_LoA	-9,910	0,044	0,295
CHR9	13468929	CHR9:13468929	SSF x Far_LoA	-4,688	-0,032	0,295
CHR9	13491161	CHR9:13491161	SSF x Far_LoA	-10,350	0,101	0,288
CHR9	1350657	CHR9:1350657	SSF x Far_LoA	-7,038	0,010	0,284
CHR9	13509159	CHR9:13509159	SSF x Far_LoA	-8,065	-0,079	0,298
CHR9	13515921	CHR9:13515921	SSF x Far_LoA	-8,630	0,003	0,295
CHR9	13515925	CHR9:13515925	SSF x Far_LoA	-5,023	-0,051	0,300
CHR9	13516037	CHR9:13516037	SSF x Far_LoA	-10,386	0,094	0,300
CHR9	13526078	CHR9:13526078	SSF x Far_LoA	-10,050	-0,074	0,267
CHR9	13526117	CHR9:13526117	SSF x Far_LoA	-6,499	-0,079	0,271
CHR9	13535045	CHR9:13535045	SSF x Far_LoA	-8,659	-0,054	0,284
CHR9	13542850	CHR9:13542850	SSF x Far_LoA	-10,669	0,025	0,295
CHR9	13543246	CHR9:13543246	SSF x Far_LoA	-10,299	-0,060	0,287
CHR9	13556652	CHR9:13556652	SSF x Far_LoA	-7,884	0,017	0,294
CHR9	13570062	CHR9:13570062	SSF x Far_LoA	-6,908	-0,034	0,298
CHR9	13570125	CHR9:13570125	SSF x Far_LoA	-10,617	-0,059	0,286
CHR9	13570229	CHR9:13570229	SSF x Far_LoA	-8,937	0,095	0,303
CHR9	13570257	CHR9:13570257	SSF x Far_LoA	-6,397	-0,066	0,292
CHR9	13596743	CHR9:13596743	SSF x Far_LoA	-10,605	0,032	0,277
CHR9	13599242	CHR9:13599242	SSF x Far_LoA	-10,033	-0,046	0,295

CHR9	13599383	CHR9:13599383	SSF x Far_LoA	-9,637	0,145	0,293
CHR9	13602427	CHR9:13602427	SSF x Far_LoA	-11,257	0,038	0,288
CHR9	13618305	CHR9:13618305	SSF x Far_LoA	-11,368	-0,005	0,300
CHR9	13618544	CHR9:13618544	SSF x Far_LoA	-8,833	0,069	0,297
CHR9	13633374	CHR9:13633374	SSF x Far_LoA	-11,861	0,032	0,294
CHR9	13634145	CHR9:13634145	SSF x Far_LoA	-9,794	-0,035	0,294
CHR9	13634184	CHR9:13634184	SSF x Far_LoA	-10,170	-0,014	0,292
CHR9	13634193	CHR9:13634193	SSF x Far_LoA	-9,238	-0,015	0,300
CHR9	13634217	CHR9:13634217	SSF x Far_LoA	-9,899	-0,051	0,298
CHR9	13634229	CHR9:13634229	SSF x Far_LoA	-9,969	-0,053	0,288
CHR9	13634239	CHR9:13634239	SSF x Far_LoA	-9,299	-0,051	0,281
CHR9	13634244	CHR9:13634244	SSF x Far_LoA	-9,907	-0,031	0,287
CHR9	13634254	CHR9:13634254	SSF x Far_LoA	-9,119	-0,023	0,289
CHR9	13634263	CHR9:13634263	SSF x Far_LoA	-5,729	-0,045	0,289
CHR9	13634271	CHR9:13634271	SSF x Far_LoA	-9,844	0,012	0,299
CHR9	13634280	CHR9:13634280	SSF x Far_LoA	-9,597	-0,036	0,290
CHR9	13634296	CHR9:13634296	SSF x Far_LoA	-10,006	-0,022	0,297
CHR9	13634300	CHR9:13634300	SSF x Far_LoA	-10,523	-0,001	0,300
CHR9	13634330	CHR9:13634330	SSF x Far_LoA	-8,644	0,094	0,299
CHR9	13640875	CHR9:13640875	SSF x Far_LoA	-8,697	0,040	0,292
CHR9	13640877	CHR9:13640877	SSF x Far_LoA	-8,646	-0,021	0,293
CHR9	13651720	CHR9:13651720	SSF x Far_LoA	-5,884	-0,153	0,277
CHR9	13651909	CHR9:13651909	SSF x Far_LoA	-10,906	0,047	0,287
CHR9	13651973	CHR9:13651973	SSF x Far_LoA	-7,435	-0,217	0,285
CHR9	13653086	CHR9:13653086	SSF x Far_LoA	-8,827	0,154	0,298
CHR9	13653141	CHR9:13653141	SSF x Far_LoA	-7,997	-0,083	0,288
CHR9	13653145	CHR9:13653145	SSF x Far_LoA	-6,763	0,103	0,285
CHR9	13653176	CHR9:13653176	SSF x Far_LoA	-9,219	-0,001	0,299
CHR9	13670965	CHR9:13670965	SSF x Far_LoA	-9,722	-0,047	0,281
CHR9	13670973	CHR9:13670973	SSF x Far_LoA	-1,821	-0,045	0,296
CHR9	13671014	CHR9:13671014	SSF x Far_LoA	-8,294	-0,025	0,286
CHR9	13689733	CHR9:13689733	SSF x Far_LoA	-11,201	-0,056	0,293
CHR9	13694116	CHR9:13694116	SSF x Far_LoA	-11,285	-0,003	0,285
CHR9	13694119	CHR9:13694119	SSF x Far_LoA	-9,466	0,107	0,293
CHR9	13697681	CHR9:13697681	SSF x Far_LoA	-9,080	-0,104	0,277
CHR9	13697722	CHR9:13697722	SSF x Far_LoA	-7,770	-0,066	0,288
CHR9	13710700	CHR9:13710700	SSF x Far_LoA	-7,630	0,000	0,299
CHR9	13725867	CHR9:13725867	SSF x Far_LoA	-10,116	-0,039	0,291
CHR9	13725900	CHR9:13725900	SSF x Far_LoA	-8,802	-0,006	0,297
CHR9	13725908	CHR9:13725908	SSF x Far_LoA	-9,843	0,088	0,291
CHR9	13725933	CHR9:13725933	SSF x Far_LoA	-7,249	0,069	0,291
CHR9	13725975	CHR9:13725975	SSF x Far_LoA	-4,498	0,042	0,290
CHR9	13725984	CHR9:13725984	SSF x Far_LoA	-11,500	0,114	0,287
CHR9	13726002	CHR9:13726002	SSF x Far_LoA	-9,716	0,043	0,294
CHR9	13726125	CHR9:13726125	SSF x Far_LoA	-7,383	-0,004	0,314
CHR9	13726126	CHR9:13726126	SSF x Far_LoA	-7,254	-0,031	0,294
CHR9	13726143	CHR9:13726143	SSF x Far_LoA	-5,843	-0,092	0,306
CHR9	13726153	CHR9:13726153	SSF x Far_LoA	-8,050	-0,046	0,297
CHR9	13726169	CHR9:13726169	SSF x Far_LoA	-10,252	0,038	0,290
CHR9	13735367	CHR9:13735367	SSF x Far_LoA	-9,564	-0,078	0,283
CHR9	13735384	CHR9:13735384	SSF x Far_LoA	-8,514	0,077	0,282
CHR9	13735406	CHR9:13735406	SSF x Far_LoA	-10,512	-0,127	0,289
CHR9	13735618	CHR9:13735618	SSF x Far_LoA	-9,922	0,039	0,286

CHR9	13735632	CHR9:13735632	SSF x Far_LoA	-8,333	0,126	0,275
CHR9	13735652	CHR9:13735652	SSF x Far_LoA	-8,413	0,064	0,288
CHR9	13735655	CHR9:13735655	SSF x Far_LoA	-9,380	0,053	0,292
CHR9	13735752	CHR9:13735752	SSF x Far_LoA	-10,184	-0,044	0,288
CHR9	13735755	CHR9:13735755	SSF x Far_LoA	-8,391	0,031	0,298
CHR9	13739853	CHR9:13739853	SSF x Far_LoA	-10,473	-0,088	0,282
CHR9	13739959	CHR9:13739959	SSF x Far_LoA	-9,870	-0,042	0,292
CHR9	13740046	CHR9:13740046	SSF x Far_LoA	-11,624	-0,001	0,289
CHR9	13740101	CHR9:13740101	SSF x Far_LoA	-11,697	0,089	0,292
CHR9	13751039	CHR9:13751039	SSF x Far_LoA	-9,375	-0,070	0,284
CHR9	13751051	CHR9:13751051	SSF x Far_LoA	-6,824	-0,081	0,283
CHR9	13751056	CHR9:13751056	SSF x Far_LoA	-9,903	-0,049	0,295
CHR9	13751250	CHR9:13751250	SSF x Far_LoA	-7,854	0,044	0,300
CHR9	13754627	CHR9:13754627	SSF x Far_LoA	-5,323	0,152	0,271
CHR9	13754837	CHR9:13754837	SSF x Far_LoA	-9,655	-0,071	0,285
CHR9	13754895	CHR9:13754895	SSF x Far_LoA	-8,242	-0,074	0,297
CHR9	13755002	CHR9:13755002	SSF x Far_LoA	-11,854	0,043	0,289
CHR9	13759444	CHR9:13759444	SSF x Far_LoA	-11,516	-0,096	0,275
CHR9	13760696	CHR9:13760696	SSF x Far_LoA	-8,193	-0,055	0,312
CHR9	13766168	CHR9:13766168	SSF x Far_LoA	-10,886	-0,036	0,299
CHR9	13766203	CHR9:13766203	SSF x Far_LoA	-8,797	-0,025	0,295
CHR9	13766290	CHR9:13766290	SSF x Far_LoA	-10,223	0,069	0,294
CHR9	13766327	CHR9:13766327	SSF x Far_LoA	-7,090	-0,055	0,277
CHR9	13769010	CHR9:13769010	SSF x Far_LoA	-6,949	0,197	0,271
CHR9	13779706	CHR9:13779706	SSF x Far_LoA	-10,316	-0,055	0,277
CHR9	13779880	CHR9:13779880	SSF x Far_LoA	-7,393	0,038	0,299
CHR9	13779929	CHR9:13779929	SSF x Far_LoA	-10,731	0,042	0,298
CHR9	13781144	CHR9:13781144	SSF x Far_LoA	-9,990	0,016	0,291
CHR9	13781259	CHR9:13781259	SSF x Far_LoA	-8,577	0,065	0,273
CHR9	13795127	CHR9:13795127	SSF x Far_LoA	-11,048	0,083	0,288
CHR9	13795208	CHR9:13795208	SSF x Far_LoA	-7,720	0,064	0,296
CHR9	13795231	CHR9:13795231	SSF x Far_LoA	-7,447	0,158	0,295
CHR9	13795341	CHR9:13795341	SSF x Far_LoA	-7,612	0,056	0,308
CHR9	13806159	CHR9:13806159	SSF x Far_LoA	-9,067	-0,009	0,291
CHR9	13806408	CHR9:13806408	SSF x Far_LoA	-10,479	-0,001	0,282
CHR9	13806466	CHR9:13806466	SSF x Far_LoA	-10,771	-0,089	0,281
CHR9	13806869	CHR9:13806869	SSF x Far_LoA	-10,038	-0,047	0,281
CHR9	13806882	CHR9:13806882	SSF x Far_LoA	-10,284	-0,066	0,295
CHR9	13806902	CHR9:13806902	SSF x Far_LoA	-8,710	0,042	0,297
CHR9	13806918	CHR9:13806918	SSF x Far_LoA	-8,504	-0,039	0,304
CHR9	13806948	CHR9:13806948	SSF x Far_LoA	-8,580	0,006	0,289
CHR9	13806995	CHR9:13806995	SSF x Far_LoA	-8,733	0,006	0,274
CHR9	13819823	CHR9:13819823	SSF x Far_LoA	-5,029	0,060	0,292
CHR9	13819913	CHR9:13819913	SSF x Far_LoA	-10,084	-0,036	0,279
CHR9	13824118	CHR9:13824118	SSF x Far_LoA	-9,695	0,039	0,279
CHR9	13826954	CHR9:13826954	SSF x Far_LoA	-10,942	0,016	0,293
CHR9	13827739	CHR9:13827739	SSF x Far_LoA	-8,691	-0,002	0,294
CHR9	13844412	CHR9:13844412	SSF x Far_LoA	-10,292	0,068	0,294
CHR9	13844647	CHR9:13844647	SSF x Far_LoA	-9,219	-0,062	0,293
CHR9	13855927	CHR9:13855927	SSF x Far_LoA	-11,689	-0,011	0,297
CHR9	13872735	CHR9:13872735	SSF x Far_LoA	-4,748	-0,200	0,279
CHR9	13873044	CHR9:13873044	SSF x Far_LoA	-9,597	0,144	0,299
CHR9	13873053	CHR9:13873053	SSF x Far_LoA	-8,441	0,023	0,283

CHR9	13885678	CHR9:13885678	SSF x Far_LoA	-9,160	0,073	0,286
CHR9	13917605	CHR9:13917605	SSF x Far_LoA	-10,150	-0,108	0,295
CHR9	13917659	CHR9:13917659	SSF x Far_LoA	-9,928	0,019	0,295
CHR9	13920102	CHR9:13920102	SSF x Far_LoA	-8,941	0,037	0,302
CHR9	13920103	CHR9:13920103	SSF x Far_LoA	-8,082	-0,203	0,286
CHR9	13920171	CHR9:13920171	SSF x Far_LoA	-11,014	-0,084	0,287
CHR9	13920267	CHR9:13920267	SSF x Far_LoA	-9,439	0,009	0,295
CHR9	13928116	CHR9:13928116	SSF x Far_LoA	-9,003	0,008	0,291
CHR9	13929030	CHR9:13929030	SSF x Far_LoA	-8,493	-0,106	0,306
CHR9	13929108	CHR9:13929108	SSF x Far_LoA	-11,200	-0,014	0,284
CHR9	13929241	CHR9:13929241	SSF x Far_LoA	-7,999	0,030	0,294
CHR9	13929242	CHR9:13929242	SSF x Far_LoA	-9,782	0,022	0,294
CHR9	13931262	CHR9:13931262	SSF x Far_LoA	-5,763	0,157	0,278
CHR9	13938585	CHR9:13938585	SSF x Far_LoA	-10,292	0,023	0,296
CHR9	13945941	CHR9:13945941	SSF x Far_LoA	-8,783	0,024	0,302
CHR9	13959899	CHR9:13959899	SSF x Far_LoA	-8,804	-0,054	0,291
CHR9	13959904	CHR9:13959904	SSF x Far_LoA	-8,652	0,012	0,293
CHR9	13986353	CHR9:13986353	SSF x Far_LoA	-9,954	-0,078	0,299
CHR9	13986373	CHR9:13986373	SSF x Far_LoA	-6,178	-0,004	0,299
CHR9	13986440	CHR9:13986440	SSF x Far_LoA	-9,046	-0,093	0,290
CHR9	13986739	CHR9:13986739	SSF x Far_LoA	-11,212	0,012	0,279
CHR9	13986764	CHR9:13986764	SSF x Far_LoA	-10,350	-0,003	0,295
CHR9	13986777	CHR9:13986777	SSF x Far_LoA	-10,630	-0,022	0,283
CHR9	13991060	CHR9:13991060	SSF x Far_LoA	-6,814	0,135	0,272
CHR9	13991063	CHR9:13991063	SSF x Far_LoA	-8,825	0,189	0,277
CHR9	13991153	CHR9:13991153	SSF x Far_LoA	-9,230	-0,023	0,298
CHR9	14001378	CHR9:14001378	SSF x Far_LoA	-9,036	-0,040	0,295
CHR9	14001453	CHR9:14001453	SSF x Far_LoA	-11,257	-0,053	0,287
CHR9	14004241	CHR9:14004241	SSF x Far_LoA	-10,209	-0,027	0,286
CHR9	14004265	CHR9:14004265	SSF x Far_LoA	-9,469	-0,052	0,276
CHR9	14004292	CHR9:14004292	SSF x Far_LoA	-8,939	-0,047	0,281
CHR9	14004314	CHR9:14004314	SSF x Far_LoA	-8,047	-0,082	0,283
CHR9	14004350	CHR9:14004350	SSF x Far_LoA	-10,525	-0,020	0,283
CHR9	14004395	CHR9:14004395	SSF x Far_LoA	-8,194	-0,092	0,296
CHR9	14004466	CHR9:14004466	SSF x Far_LoA	-4,930	0,159	0,270
CHR9	14008516	CHR9:14008516	SSF x Far_LoA	-11,433	0,060	0,281
CHR9	14008593	CHR9:14008593	SSF x Far_LoA	-10,645	0,088	0,274
CHR9	14008649	CHR9:14008649	SSF x Far_LoA	-10,068	-0,026	0,301
CHR9	14011759	CHR9:14011759	SSF x Far_LoA	-6,299	-0,157	0,284
CHR9	14011824	CHR9:14011824	SSF x Far_LoA	-8,881	-0,099	0,288
CHR9	14011853	CHR9:14011853	SSF x Far_LoA	-11,669	-0,006	0,274
CHR9	14012067	CHR9:14012067	SSF x Far_LoA	-8,797	-0,063	0,310
CHR9	14048604	CHR9:14048604	SSF x Far_LoA	-9,603	0,028	0,292
CHR9	14048710	CHR9:14048710	SSF x Far_LoA	-6,412	-0,133	0,286
CHR9	14052394	CHR9:14052394	SSF x Far_LoA	-8,677	-0,005	0,292
CHR9	14064758	CHR9:14064758	SSF x Far_LoA	-10,405	0,018	0,313
CHR9	14070193	CHR9:14070193	SSF x Far_LoA	-9,389	-0,139	0,280
CHR9	14070207	CHR9:14070207	SSF x Far_LoA	-7,894	-0,078	0,293
CHR9	14070283	CHR9:14070283	SSF x Far_LoA	-10,510	-0,029	0,286
CHR9	14073594	CHR9:14073594	SSF x Far_LoA	-5,193	0,018	0,307
CHR9	14079083	CHR9:14079083	SSF x Far_LoA	-6,764	0,211	0,273
CHR9	14079220	CHR9:14079220	SSF x Far_LoA	-9,356	-0,024	0,290
CHR9	14079327	CHR9:14079327	SSF x Far_LoA	-11,777	-0,032	0,289

CHR9	14109839	CHR9:14109839	SSF x Far_LoA	-8,152	0,197	0,277
CHR9	14109856	CHR9:14109856	SSF x Far_LoA	-8,852	0,016	0,276
CHR9	14109866	CHR9:14109866	SSF x Far_LoA	-7,947	0,106	0,281
CHR9	14109913	CHR9:14109913	SSF x Far_LoA	-5,045	-0,089	0,290
CHR9	14109933	CHR9:14109933	SSF x Far_LoA	-7,640	-0,104	0,290
CHR9	14124988	CHR9:14124988	SSF x Far_LoA	-7,547	0,176	0,276
CHR9	14125044	CHR9:14125044	SSF x Far_LoA	-9,166	-0,100	0,290
CHR9	14125059	CHR9:14125059	SSF x Far_LoA	-10,889	-0,002	0,302
CHR9	14126061	CHR9:14126061	SSF x Far_LoA	-11,482	0,009	0,292
CHR9	14133651	CHR9:14133651	SSF x Far_LoA	-9,235	0,059	0,285
CHR9	14133730	CHR9:14133730	SSF x Far_LoA	-7,731	-0,130	0,275
CHR9	14135809	CHR9:14135809	SSF x Far_LoA	-6,419	0,074	0,295
CHR9	14135821	CHR9:14135821	SSF x Far_LoA	-8,145	-0,061	0,295
CHR9	14135937	CHR9:14135937	SSF x Far_LoA	-8,913	0,110	0,286
CHR9	14135948	CHR9:14135948	SSF x Far_LoA	-10,562	0,023	0,282
CHR9	14141557	CHR9:14141557	SSF x Far_LoA	-11,194	-0,011	0,288
CHR9	14143995	CHR9:14143995	SSF x Far_LoA	-6,731	0,123	0,286
CHR9	14144032	CHR9:14144032	SSF x Far_LoA	-9,220	-0,065	0,303
CHR9	14144080	CHR9:14144080	SSF x Far_LoA	-9,979	0,098	0,289
CHR9	14144087	CHR9:14144087	SSF x Far_LoA	-5,478	0,194	0,289
CHR9	14144088	CHR9:14144088	SSF x Far_LoA	-3,380	0,196	0,292
CHR9	14144093	CHR9:14144093	SSF x Far_LoA	-10,641	0,087	0,286
CHR9	14144185	CHR9:14144185	SSF x Far_LoA	-9,085	-0,047	0,303
CHR9	14144190	CHR9:14144190	SSF x Far_LoA	-9,320	-0,055	0,291
CHR9	14144197	CHR9:14144197	SSF x Far_LoA	-9,703	-0,023	0,293
CHR9	14144217	CHR9:14144217	SSF x Far_LoA	-8,241	0,033	0,273
CHR9	14144264	CHR9:14144264	SSF x Far_LoA	4,222	-0,045	0,298
CHR9	14144265	CHR9:14144265	SSF x Far_LoA	-9,506	0,074	0,275
CHR9	14147058	CHR9:14147058	SSF x Far_LoA	-10,552	-0,057	0,293
CHR9	14160248	CHR9:14160248	SSF x Far_LoA	-9,246	-0,009	0,306
CHR9	14160460	CHR9:14160460	SSF x Far_LoA	-7,162	0,116	0,296
CHR9	14176867	CHR9:14176867	SSF x Far_LoA	-7,766	0,122	0,316
CHR9	14176952	CHR9:14176952	SSF x Far_LoA	-10,469	-0,059	0,291
CHR9	14180422	CHR9:14180422	SSF x Far_LoA	-5,682	-0,051	0,298
CHR9	14180449	CHR9:14180449	SSF x Far_LoA	-8,857	0,001	0,282
CHR9	14180516	CHR9:14180516	SSF x Far_LoA	-9,495	-0,119	0,284
CHR9	14180563	CHR9:14180563	SSF x Far_LoA	-9,716	-0,031	0,288
CHR9	14180584	CHR9:14180584	SSF x Far_LoA	-9,301	0,027	0,283
CHR9	14191603	CHR9:14191603	SSF x Far_LoA	-7,678	0,060	0,285
CHR9	14195253	CHR9:14195253	SSF x Far_LoA	-8,050	0,074	0,292
CHR9	14246865	CHR9:14246865	SSF x Far_LoA	-10,768	0,092	0,278
CHR9	14246969	CHR9:14246969	SSF x Far_LoA	-11,062	-0,078	0,284
CHR9	14259758	CHR9:14259758	SSF x Far_LoA	-10,121	0,099	0,285
CHR9	14259889	CHR9:14259889	SSF x Far_LoA	-2,394	-0,064	0,299
CHR9	14287976	CHR9:14287976	SSF x Far_LoA	-9,196	0,024	0,284
CHR9	14296513	CHR9:14296513	SSF x Far_LoA	-9,676	0,058	0,288
CHR9	14304969	CHR9:14304969	SSF x Far_LoA	-10,029	-0,041	0,310
CHR9	14304989	CHR9:14304989	SSF x Far_LoA	-11,349	0,036	0,286
CHR9	14315419	CHR9:14315419	SSF x Far_LoA	-10,095	0,101	0,293
CHR9	14315700	CHR9:14315700	SSF x Far_LoA	-10,822	-0,013	0,312
CHR9	14332119	CHR9:14332119	SSF x Far_LoA	-9,674	-0,026	0,299
CHR9	14332489	CHR9:14332489	SSF x Far_LoA	-10,837	0,019	0,295
CHR9	14386489	CHR9:14386489	SSF x Far_LoA	-7,133	-0,028	0,306

CHR9	14386511	CHR9:14386511	SSF x Far_LoA	-5,991	-0,053	0,297
CHR9	14386823	CHR9:14386823	SSF x Far_LoA	-8,512	-0,077	0,299
CHR9	14417623	CHR9:14417623	SSF x Far_LoA	-12,460	0,029	0,292
CHR9	14420003	CHR9:14420003	SSF x Far_LoA	-8,972	-0,010	0,295
CHR9	14420149	CHR9:14420149	SSF x Far_LoA	-7,866	0,093	0,288
CHR9	14420253	CHR9:14420253	SSF x Far_LoA	-10,078	0,016	0,281
CHR9	1443454	CHR9:1443454	SSF x Far_LoA	-8,345	0,037	0,294
CHR9	1443457	CHR9:1443457	SSF x Far_LoA	-9,377	0,050	0,285
CHR9	1443467	CHR9:1443467	SSF x Far_LoA	-9,401	-0,065	0,306
CHR9	14437994	CHR9:14437994	SSF x Far_LoA	-9,055	0,021	0,306
CHR9	14438220	CHR9:14438220	SSF x Far_LoA	-8,100	-0,058	0,298
CHR9	14440437	CHR9:14440437	SSF x Far_LoA	-10,188	-0,070	0,295
CHR9	14440605	CHR9:14440605	SSF x Far_LoA	-7,816	0,049	0,293
CHR9	14440661	CHR9:14440661	SSF x Far_LoA	-11,103	-0,043	0,287
CHR9	14440714	CHR9:14440714	SSF x Far_LoA	-10,362	0,025	0,297
CHR9	14445114	CHR9:14445114	SSF x Far_LoA	-11,057	-0,092	0,294
CHR9	14445128	CHR9:14445128	SSF x Far_LoA	-10,250	0,040	0,289
CHR9	14454228	CHR9:14454228	SSF x Far_LoA	-8,753	-0,146	0,278
CHR9	14454473	CHR9:14454473	SSF x Far_LoA	-7,739	-0,105	0,298
CHR9	14469908	CHR9:14469908	SSF x Far_LoA	-10,694	0,104	0,298
CHR9	14469914	CHR9:14469914	SSF x Far_LoA	-5,202	-0,002	0,286
CHR9	14469950	CHR9:14469950	SSF x Far_LoA	-8,363	-0,017	0,292
CHR9	14490767	CHR9:14490767	SSF x Far_LoA	-6,662	0,179	0,273
CHR9	14535935	CHR9:14535935	SSF x Far_LoA	-6,265	0,047	0,297
CHR9	14536006	CHR9:14536006	SSF x Far_LoA	-8,945	0,131	0,282
CHR9	14541134	CHR9:14541134	SSF x Far_LoA	-6,376	-0,095	0,297
CHR9	14541308	CHR9:14541308	SSF x Far_LoA	-8,777	0,000	0,296
CHR9	14555028	CHR9:14555028	SSF x Far_LoA	-6,148	-0,120	0,292
CHR9	14555050	CHR9:14555050	SSF x Far_LoA	-9,048	-0,037	0,300
CHR9	14558333	CHR9:14558333	SSF x Far_LoA	-8,156	0,006	0,293
CHR9	14558357	CHR9:14558357	SSF x Far_LoA	-9,209	-0,006	0,288
CHR9	14558380	CHR9:14558380	SSF x Far_LoA	-8,205	0,079	0,283
CHR9	14559522	CHR9:14559522	SSF x Far_LoA	-10,758	0,030	0,286
CHR9	14559679	CHR9:14559679	SSF x Far_LoA	-8,415	-0,003	0,298
CHR9	14561383	CHR9:14561383	SSF x Far_LoA	-8,350	-0,073	0,302
CHR9	14561462	CHR9:14561462	SSF x Far_LoA	-9,199	0,131	0,289
CHR9	14566145	CHR9:14566145	SSF x Far_LoA	-9,667	-0,035	0,299
CHR9	14566149	CHR9:14566149	SSF x Far_LoA	-9,219	-0,141	0,274
CHR9	14566159	CHR9:14566159	SSF x Far_LoA	-9,195	-0,113	0,283
CHR9	14566171	CHR9:14566171	SSF x Far_LoA	-9,064	0,100	0,304
CHR9	14566313	CHR9:14566313	SSF x Far_LoA	-10,066	-0,056	0,318
CHR9	14566326	CHR9:14566326	SSF x Far_LoA	-11,733	0,005	0,296
CHR9	14574651	CHR9:14574651	SSF x Far_LoA	-8,481	0,004	0,298
CHR9	14574728	CHR9:14574728	SSF x Far_LoA	-10,847	0,028	0,277
CHR9	14574738	CHR9:14574738	SSF x Far_LoA	-10,082	0,063	0,287
CHR9	14574759	CHR9:14574759	SSF x Far_LoA	-7,791	0,021	0,296
CHR9	14584855	CHR9:14584855	SSF x Far_LoA	-10,181	-0,007	0,296
CHR9	14584888	CHR9:14584888	SSF x Far_LoA	-9,501	0,094	0,299
CHR9	1459973	CHR9:1459973	SSF x Far_LoA	-10,923	-0,081	0,279
CHR9	1459978	CHR9:1459978	SSF x Far_LoA	-6,002	0,168	0,302
CHR9	1459990	CHR9:1459990	SSF x Far_LoA	-10,020	0,042	0,294
CHR9	1460041	CHR9:1460041	SSF x Far_LoA	-8,557	-0,096	0,279
CHR9	14605842	CHR9:14605842	SSF x Far_LoA	-9,439	-0,022	0,292

CHR9	14605874	CHR9:14605874	SSF x Far_LoA	-9,660	-0,040	0,297
CHR9	14605905	CHR9:14605905	SSF x Far_LoA	-9,488	-0,009	0,289
CHR9	14622675	CHR9:14622675	SSF x Far_LoA	-10,016	-0,010	0,292
CHR9	14627951	CHR9:14627951	SSF x Far_LoA	-8,044	-0,037	0,275
CHR9	14628001	CHR9:14628001	SSF x Far_LoA	-6,086	0,020	0,301
CHR9	14632853	CHR9:14632853	SSF x Far_LoA	-11,774	-0,044	0,296
CHR9	14638124	CHR9:14638124	SSF x Far_LoA	-6,429	0,168	0,288
CHR9	14638231	CHR9:14638231	SSF x Far_LoA	-8,587	0,055	0,289
CHR9	14652733	CHR9:14652733	SSF x Far_LoA	-12,662	-0,046	0,287
CHR9	14652836	CHR9:14652836	SSF x Far_LoA	-10,737	-0,006	0,283
CHR9	14655667	CHR9:14655667	SSF x Far_LoA	-10,311	0,039	0,299
CHR9	14655723	CHR9:14655723	SSF x Far_LoA	-10,512	0,076	0,291
CHR9	14660613	CHR9:14660613	SSF x Far_LoA	-11,363	0,000	0,293
CHR9	14660623	CHR9:14660623	SSF x Far_LoA	-6,888	-0,068	0,299
CHR9	14663230	CHR9:14663230	SSF x Far_LoA	-8,197	-0,050	0,302
CHR9	14676068	CHR9:14676068	SSF x Far_LoA	-8,813	-0,054	0,291
CHR9	14676277	CHR9:14676277	SSF x Far_LoA	-9,908	0,018	0,303
CHR9	14680519	CHR9:14680519	SSF x Far_LoA	-5,204	0,088	0,299
CHR9	14680560	CHR9:14680560	SSF x Far_LoA	-9,166	0,160	0,283
CHR9	14697877	CHR9:14697877	SSF x Far_LoA	-10,432	0,022	0,302
CHR9	14703769	CHR9:14703769	SSF x Far_LoA	-9,446	0,048	0,272
CHR9	14703777	CHR9:14703777	SSF x Far_LoA	-10,106	-0,012	0,309
CHR9	14703779	CHR9:14703779	SSF x Far_LoA	-9,661	0,059	0,294
CHR9	14703816	CHR9:14703816	SSF x Far_LoA	-10,047	-0,049	0,280
CHR9	14703829	CHR9:14703829	SSF x Far_LoA	-5,502	0,095	0,302
CHR9	14709765	CHR9:14709765	SSF x Far_LoA	-7,602	-0,049	0,304
CHR9	14729103	CHR9:14729103	SSF x Far_LoA	-11,999	0,010	0,298
CHR9	14729381	CHR9:14729381	SSF x Far_LoA	-10,835	-0,005	0,298
CHR9	14748364	CHR9:14748364	SSF x Far_LoA	-10,061	0,050	0,279
CHR9	14748651	CHR9:14748651	SSF x Far_LoA	-8,167	-0,047	0,282
CHR9	147698	CHR9:147698	SSF x Far_LoA	-7,287	-0,137	0,303
CHR9	14772006	CHR9:14772006	SSF x Far_LoA	-9,997	-0,030	0,313
CHR9	14772072	CHR9:14772072	SSF x Far_LoA	-10,152	-0,016	0,297
CHR9	14772112	CHR9:14772112	SSF x Far_LoA	-8,991	0,051	0,294
CHR9	14772147	CHR9:14772147	SSF x Far_LoA	-11,182	0,003	0,285
CHR9	14772161	CHR9:14772161	SSF x Far_LoA	-8,059	0,004	0,301
CHR9	14772177	CHR9:14772177	SSF x Far_LoA	-11,437	-0,079	0,299
CHR9	14772283	CHR9:14772283	SSF x Far_LoA	-10,298	-0,113	0,296
CHR9	1477996	CHR9:1477996	SSF x Far_LoA	-8,498	0,030	0,294
CHR9	14807552	CHR9:14807552	SSF x Far_LoA	-6,681	0,149	0,302
CHR9	14807589	CHR9:14807589	SSF x Far_LoA	-7,749	0,021	0,294
CHR9	14807625	CHR9:14807625	SSF x Far_LoA	-8,729	0,028	0,304
CHR9	14807649	CHR9:14807649	SSF x Far_LoA	-9,402	0,040	0,283
CHR9	14807700	CHR9:14807700	SSF x Far_LoA	-12,317	-0,003	0,287
CHR9	14807716	CHR9:14807716	SSF x Far_LoA	-12,199	-0,001	0,293
CHR9	14807733	CHR9:14807733	SSF x Far_LoA	-11,808	0,004	0,296
CHR9	14807749	CHR9:14807749	SSF x Far_LoA	-9,713	-0,110	0,302
CHR9	14807762	CHR9:14807762	SSF x Far_LoA	-8,171	0,132	0,274
CHR9	14807961	CHR9:14807961	SSF x Far_LoA	-11,599	-0,017	0,288
CHR9	1483712	CHR9:1483712	SSF x Far_LoA	-7,335	-0,111	0,283
CHR9	1483855	CHR9:1483855	SSF x Far_LoA	-8,721	0,049	0,286
CHR9	1483890	CHR9:1483890	SSF x Far_LoA	-9,636	-0,070	0,278
CHR9	14917619	CHR9:14917619	SSF x Far_LoA	-11,751	-0,058	0,288

CHR9	14920820	CHR9:14920820	SSF x Far_LoA	-9,587	-0,010	0,305
CHR9	14920948	CHR9:14920948	SSF x Far_LoA	-8,957	-0,039	0,295
CHR9	14921045	CHR9:14921045	SSF x Far_LoA	-8,365	0,016	0,290
CHR9	14930680	CHR9:14930680	SSF x Far_LoA	-11,985	0,066	0,277
CHR9	14930728	CHR9:14930728	SSF x Far_LoA	-4,442	-0,194	0,286
CHR9	14930751	CHR9:14930751	SSF x Far_LoA	-8,907	-0,073	0,282
CHR9	14931958	CHR9:14931958	SSF x Far_LoA	-5,374	-0,193	0,282
CHR9	14932066	CHR9:14932066	SSF x Far_LoA	-7,801	0,163	0,278
CHR9	14963556	CHR9:14963556	SSF x Far_LoA	-10,264	-0,001	0,297
CHR9	14963700	CHR9:14963700	SSF x Far_LoA	-8,945	0,018	0,293
CHR9	14964831	CHR9:14964831	SSF x Far_LoA	-10,419	0,031	0,298
CHR9	14965181	CHR9:14965181	SSF x Far_LoA	-8,224	-0,090	0,303
CHR9	14965865	CHR9:14965865	SSF x Far_LoA	-0,134	0,107	0,283
CHR9	14968503	CHR9:14968503	SSF x Far_LoA	-8,985	0,135	0,281
CHR9	14968575	CHR9:14968575	SSF x Far_LoA	-6,388	0,078	0,299
CHR9	14999878	CHR9:14999878	SSF x Far_LoA	-8,979	-0,090	0,296
CHR9	14999880	CHR9:14999880	SSF x Far_LoA	-8,410	-0,142	0,281
CHR9	15002033	CHR9:15002033	SSF x Far_LoA	-7,014	0,102	0,289
CHR9	15002109	CHR9:15002109	SSF x Far_LoA	-10,308	0,026	0,284
CHR9	15002115	CHR9:15002115	SSF x Far_LoA	-8,408	-0,092	0,282
CHR9	15002120	CHR9:15002120	SSF x Far_LoA	-10,226	0,004	0,292
CHR9	15008825	CHR9:15008825	SSF x Far_LoA	-11,482	-0,017	0,295
CHR9	15008894	CHR9:15008894	SSF x Far_LoA	-8,887	0,143	0,290
CHR9	15009013	CHR9:15009013	SSF x Far_LoA	-9,695	0,050	0,293
CHR9	15009016	CHR9:15009016	SSF x Far_LoA	-9,974	0,072	0,266
CHR9	15015602	CHR9:15015602	SSF x Far_LoA	-7,600	0,101	0,298
CHR9	15018772	CHR9:15018772	SSF x Far_LoA	-9,322	0,121	0,294
CHR9	15018797	CHR9:15018797	SSF x Far_LoA	-8,919	0,016	0,299
CHR9	15018801	CHR9:15018801	SSF x Far_LoA	-10,986	-0,095	0,288
CHR9	15030226	CHR9:15030226	SSF x Far_LoA	-5,843	-0,198	0,282
CHR9	15030287	CHR9:15030287	SSF x Far_LoA	-12,125	0,048	0,280
CHR9	1506451	CHR9:1506451	SSF x Far_LoA	-9,422	0,019	0,290
CHR9	1506481	CHR9:1506481	SSF x Far_LoA	-7,073	0,033	0,301
CHR9	15093972	CHR9:15093972	SSF x Far_LoA	-8,292	0,197	0,287
CHR9	1511683	CHR9:1511683	SSF x Far_LoA	-9,426	-0,037	0,288
CHR9	1511713	CHR9:1511713	SSF x Far_LoA	-10,102	-0,017	0,287
CHR9	1511718	CHR9:1511718	SSF x Far_LoA	-10,827	0,069	0,301
CHR9	1511722	CHR9:1511722	SSF x Far_LoA	-8,986	0,000	0,292
CHR9	15117663	CHR9:15117663	SSF x Far_LoA	-11,025	0,058	0,290
CHR9	1511806	CHR9:1511806	SSF x Far_LoA	-10,077	0,021	0,287
CHR9	1511814	CHR9:1511814	SSF x Far_LoA	-10,769	0,045	0,281
CHR9	1511891	CHR9:1511891	SSF x Far_LoA	-8,952	-0,058	0,288
CHR9	15121911	CHR9:15121911	SSF x Far_LoA	-11,304	-0,013	0,298
CHR9	15122106	CHR9:15122106	SSF x Far_LoA	-11,374	0,005	0,289
CHR9	15126973	CHR9:15126973	SSF x Far_LoA	-7,436	-0,179	0,294
CHR9	15131622	CHR9:15131622	SSF x Far_LoA	-10,213	0,106	0,278
CHR9	15139884	CHR9:15139884	SSF x Far_LoA	-9,455	-0,156	0,284
CHR9	15139942	CHR9:15139942	SSF x Far_LoA	-6,273	0,185	0,285
CHR9	15140044	CHR9:15140044	SSF x Far_LoA	-9,540	-0,038	0,284
CHR9	15140157	CHR9:15140157	SSF x Far_LoA	-8,867	0,055	0,287
CHR9	15140215	CHR9:15140215	SSF x Far_LoA	-9,256	0,082	0,279
CHR9	15145915	CHR9:15145915	SSF x Far_LoA	-8,556	0,012	0,304
CHR9	15146009	CHR9:15146009	SSF x Far_LoA	-10,966	-0,034	0,288

CHR9	15146033	CHR9:15146033	SSF x Far_LoA	-10,766	0,026	0,290
CHR9	15166159	CHR9:15166159	SSF x Far_LoA	-8,817	0,031	0,293
CHR9	15166201	CHR9:15166201	SSF x Far_LoA	-8,801	-0,095	0,300
CHR9	15178393	CHR9:15178393	SSF x Far_LoA	-4,383	-0,181	0,292
CHR9	15178528	CHR9:15178528	SSF x Far_LoA	-10,024	0,028	0,294
CHR9	15181029	CHR9:15181029	SSF x Far_LoA	-10,077	-0,010	0,284
CHR9	15181042	CHR9:15181042	SSF x Far_LoA	-11,181	0,061	0,287
CHR9	15181077	CHR9:15181077	SSF x Far_LoA	-8,592	-0,092	0,302
CHR9	15181104	CHR9:15181104	SSF x Far_LoA	-8,336	0,157	0,294
CHR9	15181132	CHR9:15181132	SSF x Far_LoA	-9,404	-0,033	0,293
CHR9	15187161	CHR9:15187161	SSF x Far_LoA	-3,139	0,172	0,288
CHR9	15187197	CHR9:15187197	SSF x Far_LoA	-8,977	-0,027	0,286
CHR9	15187415	CHR9:15187415	SSF x Far_LoA	-7,086	0,040	0,284
CHR9	15187419	CHR9:15187419	SSF x Far_LoA	-10,176	-0,027	0,295
CHR9	15187440	CHR9:15187440	SSF x Far_LoA	-9,744	0,087	0,297
CHR9	15187472	CHR9:15187472	SSF x Far_LoA	-4,708	0,094	0,287
CHR9	15187558	CHR9:15187558	SSF x Far_LoA	-10,780	0,081	0,287
CHR9	15243315	CHR9:15243315	SSF x Far_LoA	-9,007	0,048	0,308
CHR9	15243433	CHR9:15243433	SSF x Far_LoA	-8,934	-0,023	0,301
CHR9	15243446	CHR9:15243446	SSF x Far_LoA	-10,494	0,067	0,272
CHR9	15243470	CHR9:15243470	SSF x Far_LoA	-8,142	-0,040	0,300
CHR9	15243471	CHR9:15243471	SSF x Far_LoA	-7,448	-0,026	0,300
CHR9	15243515	CHR9:15243515	SSF x Far_LoA	-7,387	-0,145	0,268
CHR9	15243563	CHR9:15243563	SSF x Far_LoA	-8,941	0,024	0,293
CHR9	15243577	CHR9:15243577	SSF x Far_LoA	-9,742	-0,057	0,294
CHR9	15243658	CHR9:15243658	SSF x Far_LoA	-8,568	-0,106	0,298
CHR9	15274359	CHR9:15274359	SSF x Far_LoA	-9,044	0,107	0,283
CHR9	15274385	CHR9:15274385	SSF x Far_LoA	-8,101	0,104	0,298
CHR9	15295859	CHR9:15295859	SSF x Far_LoA	-6,745	0,176	0,287
CHR9	15297123	CHR9:15297123	SSF x Far_LoA	-7,512	-0,064	0,306
CHR9	15297216	CHR9:15297216	SSF x Far_LoA	-9,098	0,077	0,276
CHR9	15326391	CHR9:15326391	SSF x Far_LoA	-11,466	0,021	0,280
CHR9	15326484	CHR9:15326484	SSF x Far_LoA	-8,881	0,056	0,292
CHR9	15331651	CHR9:15331651	SSF x Far_LoA	-9,712	0,004	0,298
CHR9	15331728	CHR9:15331728	SSF x Far_LoA	-4,603	-0,140	0,289
CHR9	15345301	CHR9:15345301	SSF x Far_LoA	-10,784	-0,027	0,294
CHR9	15345314	CHR9:15345314	SSF x Far_LoA	-4,230	0,147	0,282
CHR9	15407049	CHR9:15407049	SSF x Far_LoA	3,771	0,061	0,302
CHR9	15407104	CHR9:15407104	SSF x Far_LoA	-6,376	0,115	0,293
CHR9	15410544	CHR9:15410544	SSF x Far_LoA	-9,101	-0,021	0,293
CHR9	15416462	CHR9:15416462	SSF x Far_LoA	-10,939	0,028	0,297
CHR9	15416538	CHR9:15416538	SSF x Far_LoA	-9,083	-0,086	0,299
CHR9	15416654	CHR9:15416654	SSF x Far_LoA	-5,560	-0,047	0,303
CHR9	15416687	CHR9:15416687	SSF x Far_LoA	-9,273	0,069	0,295
CHR9	15438888	CHR9:15438888	SSF x Far_LoA	-10,060	-0,077	0,292
CHR9	15438909	CHR9:15438909	SSF x Far_LoA	-5,258	0,099	0,287
CHR9	1544845	CHR9:1544845	SSF x Far_LoA	-9,588	0,055	0,305
CHR9	15476047	CHR9:15476047	SSF x Far_LoA	-1,697	-0,090	0,308
CHR9	15509176	CHR9:15509176	SSF x Far_LoA	-4,984	0,150	0,298
CHR9	15509200	CHR9:15509200	SSF x Far_LoA	-6,488	0,069	0,304
CHR9	15509341	CHR9:15509341	SSF x Far_LoA	-9,355	-0,069	0,286
CHR9	15509358	CHR9:15509358	SSF x Far_LoA	-11,786	0,037	0,288
CHR9	15509361	CHR9:15509361	SSF x Far_LoA	-8,849	0,090	0,298

CHR9	15532593	CHR9:15532593	SSF x Far_LoA	-8,804	0,015	0,283
CHR9	15532595	CHR9:15532595	SSF x Far_LoA	-8,970	-0,013	0,284
CHR9	15532596	CHR9:15532596	SSF x Far_LoA	-9,162	-0,005	0,275
CHR9	15532640	CHR9:15532640	SSF x Far_LoA	-8,113	-0,025	0,292
CHR9	15532685	CHR9:15532685	SSF x Far_LoA	-8,293	0,046	0,298
CHR9	15540689	CHR9:15540689	SSF x Far_LoA	-8,533	-0,058	0,307
CHR9	15540776	CHR9:15540776	SSF x Far_LoA	-9,391	0,022	0,290
CHR9	15540784	CHR9:15540784	SSF x Far_LoA	-10,729	-0,027	0,275
CHR9	15540821	CHR9:15540821	SSF x Far_LoA	3,176	-0,078	0,305
CHR9	15543283	CHR9:15543283	SSF x Far_LoA	-10,211	0,058	0,297
CHR9	15543292	CHR9:15543292	SSF x Far_LoA	-9,706	-0,018	0,277
CHR9	15543439	CHR9:15543439	SSF x Far_LoA	-8,555	-0,009	0,309
CHR9	15543594	CHR9:15543594	SSF x Far_LoA	-9,043	-0,092	0,292
CHR9	15543597	CHR9:15543597	SSF x Far_LoA	-9,993	-0,019	0,300
CHR9	15550307	CHR9:15550307	SSF x Far_LoA	-10,534	0,008	0,298
CHR9	15550326	CHR9:15550326	SSF x Far_LoA	-11,520	-0,011	0,294
CHR9	15552403	CHR9:15552403	SSF x Far_LoA	-9,409	-0,077	0,289
CHR9	15553148	CHR9:15553148	SSF x Far_LoA	-8,112	-0,046	0,302
CHR9	15553242	CHR9:15553242	SSF x Far_LoA	-8,499	0,137	0,293
CHR9	15591363	CHR9:15591363	SSF x Far_LoA	-8,049	-0,029	0,288
CHR9	15591368	CHR9:15591368	SSF x Far_LoA	-11,413	0,082	0,281
CHR9	15591389	CHR9:15591389	SSF x Far_LoA	-7,888	0,120	0,284
CHR9	15591453	CHR9:15591453	SSF x Far_LoA	-10,252	0,128	0,287
CHR9	15591552	CHR9:15591552	SSF x Far_LoA	-10,919	-0,052	0,292
CHR9	15617032	CHR9:15617032	SSF x Far_LoA	-11,913	0,021	0,284
CHR9	15617239	CHR9:15617239	SSF x Far_LoA	-8,280	-0,028	0,309
CHR9	15617264	CHR9:15617264	SSF x Far_LoA	-8,887	-0,029	0,294
CHR9	15618761	CHR9:15618761	SSF x Far_LoA	-10,762	-0,031	0,294
CHR9	15640876	CHR9:15640876	SSF x Far_LoA	-9,049	0,000	0,296
CHR9	15640900	CHR9:15640900	SSF x Far_LoA	-11,632	-0,043	0,290
CHR9	15640936	CHR9:15640936	SSF x Far_LoA	-10,968	0,076	0,296
CHR9	15729915	CHR9:15729915	SSF x Far_LoA	-7,620	0,099	0,291
CHR9	15729934	CHR9:15729934	SSF x Far_LoA	-8,754	-0,118	0,262
CHR9	15729935	CHR9:15729935	SSF x Far_LoA	-8,472	-0,075	0,279
CHR9	15730030	CHR9:15730030	SSF x Far_LoA	-7,174	-0,140	0,272
CHR9	15763972	CHR9:15763972	SSF x Far_LoA	-8,670	-0,152	0,284
CHR9	15773535	CHR9:15773535	SSF x Far_LoA	-9,083	0,084	0,280
CHR9	15773694	CHR9:15773694	SSF x Far_LoA	17,929	-0,157	0,282
CHR9	15781567	CHR9:15781567	SSF x Far_LoA	-4,848	0,218	0,283
CHR9	15785293	CHR9:15785293	SSF x Far_LoA	-9,085	-0,067	0,279
CHR9	15820576	CHR9:15820576	SSF x Far_LoA	-7,836	0,093	0,293
CHR9	15820603	CHR9:15820603	SSF x Far_LoA	-7,451	-0,013	0,300
CHR9	15825075	CHR9:15825075	SSF x Far_LoA	-7,846	-0,092	0,301
CHR9	15825094	CHR9:15825094	SSF x Far_LoA	-3,301	0,047	0,299
CHR9	15825125	CHR9:15825125	SSF x Far_LoA	-8,798	0,086	0,299
CHR9	15825189	CHR9:15825189	SSF x Far_LoA	-8,613	-0,113	0,286
CHR9	15850998	CHR9:15850998	SSF x Far_LoA	-10,457	-0,070	0,292
CHR9	15851211	CHR9:15851211	SSF x Far_LoA	-8,262	-0,055	0,294
CHR9	15851243	CHR9:15851243	SSF x Far_LoA	-8,780	-0,068	0,284
CHR9	15855002	CHR9:15855002	SSF x Far_LoA	-9,886	-0,029	0,278
CHR9	15855051	CHR9:15855051	SSF x Far_LoA	-10,603	-0,092	0,297
CHR9	15855122	CHR9:15855122	SSF x Far_LoA	-8,457	0,118	0,288
CHR9	15855216	CHR9:15855216	SSF x Far_LoA	-11,044	-0,095	0,283

CHR9	15857443	CHR9:15857443	SSF x Far_LoA	-8,530	0,018	0,297
CHR9	15861229	CHR9:15861229	SSF x Far_LoA	-8,448	0,034	0,297
CHR9	15861231	CHR9:15861231	SSF x Far_LoA	-8,486	-0,033	0,296
CHR9	15879903	CHR9:15879903	SSF x Far_LoA	-7,394	0,190	0,292
CHR9	15879966	CHR9:15879966	SSF x Far_LoA	-9,049	0,022	0,288
CHR9	15887571	CHR9:15887571	SSF x Far_LoA	-9,747	0,041	0,283
CHR9	15887647	CHR9:15887647	SSF x Far_LoA	-10,771	0,062	0,294
CHR9	15887672	CHR9:15887672	SSF x Far_LoA	-8,510	0,041	0,286
CHR9	15887718	CHR9:15887718	SSF x Far_LoA	-7,950	0,031	0,297
CHR9	15887730	CHR9:15887730	SSF x Far_LoA	-9,040	0,007	0,290
CHR9	1590292	CHR9:1590292	SSF x Far_LoA	-11,769	-0,009	0,289
CHR9	15918677	CHR9:15918677	SSF x Far_LoA	-8,842	-0,053	0,293
CHR9	15919493	CHR9:15919493	SSF x Far_LoA	-1,555	0,066	0,295
CHR9	15919548	CHR9:15919548	SSF x Far_LoA	-10,331	-0,026	0,294
CHR9	15919561	CHR9:15919561	SSF x Far_LoA	-9,446	-0,011	0,285
CHR9	15919573	CHR9:15919573	SSF x Far_LoA	-9,149	0,021	0,298
CHR9	15919588	CHR9:15919588	SSF x Far_LoA	-8,017	0,034	0,297
CHR9	15919603	CHR9:15919603	SSF x Far_LoA	-9,495	0,070	0,293
CHR9	15919604	CHR9:15919604	SSF x Far_LoA	-8,789	-0,028	0,294
CHR9	15922535	CHR9:15922535	SSF x Far_LoA	-9,462	0,022	0,286
CHR9	15922561	CHR9:15922561	SSF x Far_LoA	-5,153	0,164	0,294
CHR9	15922656	CHR9:15922656	SSF x Far_LoA	-6,364	0,068	0,285
CHR9	15922700	CHR9:15922700	SSF x Far_LoA	-11,150	0,086	0,286
CHR9	15922730	CHR9:15922730	SSF x Far_LoA	-9,822	0,025	0,300
CHR9	15935374	CHR9:15935374	SSF x Far_LoA	-8,617	-0,012	0,283
CHR9	15935442	CHR9:15935442	SSF x Far_LoA	-10,983	-0,062	0,276
CHR9	15935463	CHR9:15935463	SSF x Far_LoA	-6,825	0,004	0,287
CHR9	15936854	CHR9:15936854	SSF x Far_LoA	-10,341	-0,026	0,303
CHR9	15936875	CHR9:15936875	SSF x Far_LoA	-10,388	-0,052	0,286
CHR9	15936888	CHR9:15936888	SSF x Far_LoA	-6,712	0,001	0,282
CHR9	15939999	CHR9:15939999	SSF x Far_LoA	-6,616	0,165	0,284
CHR9	15947802	CHR9:15947802	SSF x Far_LoA	-8,647	0,002	0,282
CHR9	15947906	CHR9:15947906	SSF x Far_LoA	-9,266	0,002	0,290
CHR9	15949756	CHR9:15949756	SSF x Far_LoA	-7,589	-0,157	0,301
CHR9	15949779	CHR9:15949779	SSF x Far_LoA	-10,384	-0,082	0,276
CHR9	15949790	CHR9:15949790	SSF x Far_LoA	-4,501	-0,165	0,290
CHR9	15949793	CHR9:15949793	SSF x Far_LoA	-7,401	-0,119	0,301
CHR9	15949809	CHR9:15949809	SSF x Far_LoA	-8,378	-0,005	0,303
CHR9	15949880	CHR9:15949880	SSF x Far_LoA	-7,320	0,096	0,307
CHR9	15977949	CHR9:15977949	SSF x Far_LoA	-7,022	0,156	0,285
CHR9	15977973	CHR9:15977973	SSF x Far_LoA	-5,998	0,114	0,285
CHR9	15978004	CHR9:15978004	SSF x Far_LoA	-10,006	-0,004	0,289
CHR9	15978015	CHR9:15978015	SSF x Far_LoA	-8,118	0,069	0,284
CHR9	15978021	CHR9:15978021	SSF x Far_LoA	-7,777	0,095	0,276
CHR9	15978043	CHR9:15978043	SSF x Far_LoA	-7,822	0,070	0,287
CHR9	15978138	CHR9:15978138	SSF x Far_LoA	-8,207	-0,129	0,289
CHR9	15978143	CHR9:15978143	SSF x Far_LoA	-8,665	0,084	0,284
CHR9	15978179	CHR9:15978179	SSF x Far_LoA	-9,162	0,031	0,293
CHR9	15985334	CHR9:15985334	SSF x Far_LoA	-9,104	-0,042	0,309
CHR9	15988229	CHR9:15988229	SSF x Far_LoA	-7,899	-0,092	0,285
CHR9	15988259	CHR9:15988259	SSF x Far_LoA	-7,717	0,160	0,283
CHR9	15988302	CHR9:15988302	SSF x Far_LoA	-7,943	0,149	0,282
CHR9	15993034	CHR9:15993034	SSF x Far_LoA	-8,314	-0,037	0,288

CHR9	15993192	CHR9:15993192	SSF x Far_LoA	-6,923	-0,026	0,270
CHR9	15993306	CHR9:15993306	SSF x Far_LoA	-9,762	0,003	0,304
CHR9	15995496	CHR9:15995496	SSF x Far_LoA	-9,302	-0,109	0,283
CHR9	15995712	CHR9:15995712	SSF x Far_LoA	-10,744	-0,059	0,286
CHR9	15995760	CHR9:15995760	SSF x Far_LoA	-9,788	0,110	0,284
CHR9	15995808	CHR9:15995808	SSF x Far_LoA	-9,786	0,086	0,301
CHR9	16019233	CHR9:16019233	SSF x Far_LoA	-1,107	-0,122	0,287
CHR9	16019265	CHR9:16019265	SSF x Far_LoA	-6,678	-0,115	0,287
CHR9	16019284	CHR9:16019284	SSF x Far_LoA	-8,288	-0,011	0,293
CHR9	16027060	CHR9:16027060	SSF x Far_LoA	-8,714	0,100	0,294
CHR9	16027198	CHR9:16027198	SSF x Far_LoA	-9,493	0,106	0,288
CHR9	16027200	CHR9:16027200	SSF x Far_LoA	-8,822	-0,074	0,273
CHR9	16027239	CHR9:16027239	SSF x Far_LoA	-9,843	-0,091	0,298
CHR9	16027325	CHR9:16027325	SSF x Far_LoA	-10,949	0,025	0,288
CHR9	16052563	CHR9:16052563	SSF x Far_LoA	-5,342	0,182	0,270
CHR9	16052663	CHR9:16052663	SSF x Far_LoA	-8,639	0,140	0,280
CHR9	16052695	CHR9:16052695	SSF x Far_LoA	-8,689	-0,007	0,271
CHR9	16052698	CHR9:16052698	SSF x Far_LoA	-9,190	0,009	0,284
CHR9	16052708	CHR9:16052708	SSF x Far_LoA	-8,799	0,009	0,285
CHR9	16052847	CHR9:16052847	SSF x Far_LoA	-4,653	0,052	0,296
CHR9	16054141	CHR9:16054141	SSF x Far_LoA	-8,587	0,099	0,289
CHR9	16055153	CHR9:16055153	SSF x Far_LoA	-8,916	0,000	0,303
CHR9	16055155	CHR9:16055155	SSF x Far_LoA	-4,923	0,177	0,283
CHR9	16055159	CHR9:16055159	SSF x Far_LoA	-7,201	0,180	0,267
CHR9	16055166	CHR9:16055166	SSF x Far_LoA	-6,264	0,199	0,281
CHR9	16055175	CHR9:16055175	SSF x Far_LoA	-3,795	-0,226	0,275
CHR9	16055177	CHR9:16055177	SSF x Far_LoA	-7,780	0,174	0,278
CHR9	16055191	CHR9:16055191	SSF x Far_LoA	-6,437	0,187	0,283
CHR9	16055196	CHR9:16055196	SSF x Far_LoA	-3,212	0,168	0,282
CHR9	16064813	CHR9:16064813	SSF x Far_LoA	-12,202	-0,058	0,299
CHR9	16064821	CHR9:16064821	SSF x Far_LoA	-11,358	-0,036	0,296
CHR9	16064837	CHR9:16064837	SSF x Far_LoA	-10,941	-0,050	0,285
CHR9	16064965	CHR9:16064965	SSF x Far_LoA	-9,528	0,011	0,301
CHR9	16064997	CHR9:16064997	SSF x Far_LoA	-10,375	0,145	0,292
CHR9	16065017	CHR9:16065017	SSF x Far_LoA	-9,864	0,130	0,294
CHR9	16066631	CHR9:16066631	SSF x Far_LoA	-10,975	0,121	0,297
CHR9	16067646	CHR9:16067646	SSF x Far_LoA	-10,053	-0,034	0,284
CHR9	16067661	CHR9:16067661	SSF x Far_LoA	-9,605	0,004	0,288
CHR9	16067670	CHR9:16067670	SSF x Far_LoA	-9,549	0,055	0,285
CHR9	16067740	CHR9:16067740	SSF x Far_LoA	-6,383	-0,036	0,296
CHR9	16067786	CHR9:16067786	SSF x Far_LoA	8,169	0,088	0,281
CHR9	16067805	CHR9:16067805	SSF x Far_LoA	-8,353	-0,040	0,259
CHR9	16067865	CHR9:16067865	SSF x Far_LoA	-10,477	0,096	0,284
CHR9	16083292	CHR9:16083292	SSF x Far_LoA	-8,939	0,076	0,299
CHR9	16084225	CHR9:16084225	SSF x Far_LoA	-8,747	-0,044	0,301
CHR9	16104483	CHR9:16104483	SSF x Far_LoA	-6,409	0,077	0,312
CHR9	16104487	CHR9:16104487	SSF x Far_LoA	-9,328	0,033	0,300
CHR9	16113016	CHR9:16113016	SSF x Far_LoA	-9,768	0,071	0,309
CHR9	16113131	CHR9:16113131	SSF x Far_LoA	-9,386	0,021	0,286
CHR9	16117842	CHR9:16117842	SSF x Far_LoA	-6,034	-0,141	0,285
CHR9	16117877	CHR9:16117877	SSF x Far_LoA	4,054	-0,020	0,287
CHR9	16117923	CHR9:16117923	SSF x Far_LoA	-5,389	0,161	0,282
CHR9	16117933	CHR9:16117933	SSF x Far_LoA	-5,271	0,169	0,276

CHR9	16117947	CHR9:16117947	SSF x Far_LoA	-5,827	0,182	0,281
CHR9	16117994	CHR9:16117994	SSF x Far_LoA	-8,414	0,180	0,274
CHR9	16133196	CHR9:16133196	SSF x Far_LoA	-3,047	-0,129	0,286
CHR9	16133197	CHR9:16133197	SSF x Far_LoA	-9,309	-0,122	0,283
CHR9	16133215	CHR9:16133215	SSF x Far_LoA	-9,528	-0,045	0,294
CHR9	16133344	CHR9:16133344	SSF x Far_LoA	-8,650	-0,004	0,300
CHR9	16133350	CHR9:16133350	SSF x Far_LoA	-5,453	-0,225	0,296
CHR9	16134789	CHR9:16134789	SSF x Far_LoA	-1,799	-0,087	0,281
CHR9	16134795	CHR9:16134795	SSF x Far_LoA	-9,350	0,026	0,303
CHR9	16134812	CHR9:16134812	SSF x Far_LoA	-11,512	-0,015	0,286
CHR9	16134848	CHR9:16134848	SSF x Far_LoA	-9,045	-0,034	0,297
CHR9	16150291	CHR9:16150291	SSF x Far_LoA	-9,130	0,038	0,279
CHR9	16150296	CHR9:16150296	SSF x Far_LoA	-8,079	-0,071	0,297
CHR9	16150329	CHR9:16150329	SSF x Far_LoA	-8,529	-0,040	0,290
CHR9	16150353	CHR9:16150353	SSF x Far_LoA	-10,289	0,038	0,289
CHR9	16150400	CHR9:16150400	SSF x Far_LoA	-9,704	-0,031	0,283
CHR9	16150404	CHR9:16150404	SSF x Far_LoA	-9,547	-0,120	0,285
CHR9	16162309	CHR9:16162309	SSF x Far_LoA	-8,887	-0,079	0,275
CHR9	16162329	CHR9:16162329	SSF x Far_LoA	-10,574	-0,051	0,285
CHR9	16165321	CHR9:16165321	SSF x Far_LoA	-7,473	-0,120	0,289
CHR9	16165519	CHR9:16165519	SSF x Far_LoA	-10,550	0,045	0,280
CHR9	16171883	CHR9:16171883	SSF x Far_LoA	-9,788	-0,092	0,302
CHR9	16172038	CHR9:16172038	SSF x Far_LoA	-11,582	-0,003	0,281
CHR9	16205806	CHR9:16205806	SSF x Far_LoA	-8,869	0,010	0,289
CHR9	16211406	CHR9:16211406	SSF x Far_LoA	-9,740	-0,002	0,299
CHR9	16211469	CHR9:16211469	SSF x Far_LoA	-7,990	-0,002	0,281
CHR9	16211706	CHR9:16211706	SSF x Far_LoA	-6,797	-0,132	0,276
CHR9	16237557	CHR9:16237557	SSF x Far_LoA	-8,719	0,070	0,307
CHR9	16237558	CHR9:16237558	SSF x Far_LoA	-10,302	0,073	0,279
CHR9	16237564	CHR9:16237564	SSF x Far_LoA	-10,596	-0,034	0,289
CHR9	16237576	CHR9:16237576	SSF x Far_LoA	-8,293	0,087	0,294
CHR9	16237580	CHR9:16237580	SSF x Far_LoA	-8,523	0,081	0,293
CHR9	16241894	CHR9:16241894	SSF x Far_LoA	-6,896	0,117	0,273
CHR9	16243331	CHR9:16243331	SSF x Far_LoA	-9,196	-0,056	0,288
CHR9	16243348	CHR9:16243348	SSF x Far_LoA	-4,431	-0,040	0,286
CHR9	16243350	CHR9:16243350	SSF x Far_LoA	-10,682	-0,107	0,294
CHR9	16243359	CHR9:16243359	SSF x Far_LoA	-9,297	-0,097	0,293
CHR9	16243450	CHR9:16243450	SSF x Far_LoA	-7,571	0,034	0,293
CHR9	16243451	CHR9:16243451	SSF x Far_LoA	-10,565	0,024	0,287
CHR9	16243457	CHR9:16243457	SSF x Far_LoA	-6,822	0,005	0,303
CHR9	1625179	CHR9:1625179	SSF x Far_LoA	-8,539	-0,017	0,298
CHR9	1625184	CHR9:1625184	SSF x Far_LoA	-8,323	0,072	0,302
CHR9	1625438	CHR9:1625438	SSF x Far_LoA	-11,465	-0,020	0,296
CHR9	16271432	CHR9:16271432	SSF x Far_LoA	-8,797	-0,008	0,284
CHR9	16271433	CHR9:16271433	SSF x Far_LoA	-9,422	-0,029	0,290
CHR9	16271457	CHR9:16271457	SSF x Far_LoA	-8,579	0,018	0,279
CHR9	16271540	CHR9:16271540	SSF x Far_LoA	-11,320	0,035	0,279
CHR9	16271677	CHR9:16271677	SSF x Far_LoA	-12,016	-0,014	0,272
CHR9	16279287	CHR9:16279287	SSF x Far_LoA	-11,020	0,096	0,293
CHR9	16279601	CHR9:16279601	SSF x Far_LoA	-8,223	-0,013	0,295
CHR9	16315310	CHR9:16315310	SSF x Far_LoA	-9,405	-0,025	0,275
CHR9	16326690	CHR9:16326690	SSF x Far_LoA	-10,296	0,018	0,276
CHR9	16329964	CHR9:16329964	SSF x Far_LoA	-9,856	0,043	0,265

CHR9	16330075	CHR9:16330075	SSF x Far_LoA	-10,589	-0,040	0,296
CHR9	16330076	CHR9:16330076	SSF x Far_LoA	-8,139	-0,137	0,289
CHR9	16330102	CHR9:16330102	SSF x Far_LoA	-9,097	0,042	0,287
CHR9	16330118	CHR9:16330118	SSF x Far_LoA	-11,337	-0,016	0,281
CHR9	16330144	CHR9:16330144	SSF x Far_LoA	-10,196	-0,035	0,266
CHR9	16335745	CHR9:16335745	SSF x Far_LoA	-9,772	0,040	0,294
CHR9	16336663	CHR9:16336663	SSF x Far_LoA	-8,287	0,103	0,275
CHR9	16349983	CHR9:16349983	SSF x Far_LoA	-10,854	0,129	0,293
CHR9	16350068	CHR9:16350068	SSF x Far_LoA	-11,212	-0,036	0,295
CHR9	16350092	CHR9:16350092	SSF x Far_LoA	-10,775	-0,013	0,292
CHR9	16350101	CHR9:16350101	SSF x Far_LoA	-11,191	-0,050	0,289
CHR9	16350134	CHR9:16350134	SSF x Far_LoA	-10,318	0,013	0,305
CHR9	16350215	CHR9:16350215	SSF x Far_LoA	-7,376	-0,167	0,290
CHR9	16361257	CHR9:16361257	SSF x Far_LoA	-6,465	0,098	0,280
CHR9	16362892	CHR9:16362892	SSF x Far_LoA	-8,972	-0,022	0,288
CHR9	16362918	CHR9:16362918	SSF x Far_LoA	-10,583	0,005	0,288
CHR9	16362942	CHR9:16362942	SSF x Far_LoA	-10,061	-0,020	0,292
CHR9	16363013	CHR9:16363013	SSF x Far_LoA	-10,328	0,092	0,273
CHR9	16368501	CHR9:16368501	SSF x Far_LoA	-7,337	0,146	0,289
CHR9	16368580	CHR9:16368580	SSF x Far_LoA	-10,323	0,115	0,279
CHR9	16368670	CHR9:16368670	SSF x Far_LoA	-10,882	0,029	0,289
CHR9	16378719	CHR9:16378719	SSF x Far_LoA	-9,394	0,078	0,276
CHR9	16381728	CHR9:16381728	SSF x Far_LoA	-9,612	-0,111	0,283
CHR9	16381755	CHR9:16381755	SSF x Far_LoA	-10,045	0,136	0,287
CHR9	16381799	CHR9:16381799	SSF x Far_LoA	-8,838	0,059	0,292
CHR9	16381890	CHR9:16381890	SSF x Far_LoA	-10,318	-0,007	0,286
CHR9	16382867	CHR9:16382867	SSF x Far_LoA	-8,853	-0,067	0,293
CHR9	16382934	CHR9:16382934	SSF x Far_LoA	-10,379	0,008	0,283
CHR9	16382975	CHR9:16382975	SSF x Far_LoA	-9,452	0,088	0,312
CHR9	16383031	CHR9:16383031	SSF x Far_LoA	-7,456	-0,117	0,288
CHR9	16383087	CHR9:16383087	SSF x Far_LoA	-7,417	-0,054	0,297
CHR9	16397785	CHR9:16397785	SSF x Far_LoA	-8,322	-0,016	0,277
CHR9	16397834	CHR9:16397834	SSF x Far_LoA	-6,125	-0,093	0,297
CHR9	16397838	CHR9:16397838	SSF x Far_LoA	-12,582	0,008	0,281
CHR9	16397895	CHR9:16397895	SSF x Far_LoA	-7,424	0,140	0,281
CHR9	16397955	CHR9:16397955	SSF x Far_LoA	-8,465	0,103	0,273
CHR9	16401804	CHR9:16401804	SSF x Far_LoA	-8,981	-0,059	0,300
CHR9	16407649	CHR9:16407649	SSF x Far_LoA	-9,282	0,000	0,285
CHR9	16407660	CHR9:16407660	SSF x Far_LoA	-7,434	0,193	0,269
CHR9	16407739	CHR9:16407739	SSF x Far_LoA	-10,351	-0,067	0,281
CHR9	16407842	CHR9:16407842	SSF x Far_LoA	-9,153	-0,011	0,278
CHR9	16419028	CHR9:16419028	SSF x Far_LoA	-9,146	0,056	0,289
CHR9	16419125	CHR9:16419125	SSF x Far_LoA	-12,331	0,058	0,267
CHR9	16422167	CHR9:16422167	SSF x Far_LoA	-8,209	-0,009	0,299
CHR9	16424302	CHR9:16424302	SSF x Far_LoA	-10,118	0,040	0,288
CHR9	16424357	CHR9:16424357	SSF x Far_LoA	-8,853	0,023	0,295
CHR9	16424360	CHR9:16424360	SSF x Far_LoA	-9,698	0,028	0,280
CHR9	16424363	CHR9:16424363	SSF x Far_LoA	-8,940	-0,025	0,308
CHR9	16424364	CHR9:16424364	SSF x Far_LoA	-8,713	-0,002	0,296
CHR9	16424377	CHR9:16424377	SSF x Far_LoA	-9,792	-0,007	0,282
CHR9	1643747	CHR9:1643747	SSF x Far_LoA	-11,542	0,094	0,298
CHR9	1643817	CHR9:1643817	SSF x Far_LoA	-8,180	-0,103	0,282
CHR9	1643868	CHR9:1643868	SSF x Far_LoA	-9,851	-0,158	0,284

CHR9	1643872	CHR9:1643872	SSF x Far_LoA	-8,499	-0,113	0,291
CHR9	1643980	CHR9:1643980	SSF x Far_LoA	-10,229	0,110	0,280
CHR9	1643988	CHR9:1643988	SSF x Far_LoA	-8,230	-0,056	0,294
CHR9	16440796	CHR9:16440796	SSF x Far_LoA	-1,046	0,006	0,295
CHR9	16440805	CHR9:16440805	SSF x Far_LoA	-6,065	0,181	0,269
CHR9	16440829	CHR9:16440829	SSF x Far_LoA	-8,364	0,073	0,296
CHR9	16440908	CHR9:16440908	SSF x Far_LoA	-8,463	0,178	0,287
CHR9	16440933	CHR9:16440933	SSF x Far_LoA	-8,392	0,059	0,296
CHR9	16451553	CHR9:16451553	SSF x Far_LoA	-8,885	0,081	0,289
CHR9	16451679	CHR9:16451679	SSF x Far_LoA	-9,909	0,079	0,273
CHR9	1649763	CHR9:1649763	SSF x Far_LoA	-10,114	0,020	0,296
CHR9	1649808	CHR9:1649808	SSF x Far_LoA	-8,382	0,030	0,299
CHR9	16546931	CHR9:16546931	SSF x Far_LoA	-8,795	0,116	0,295
CHR9	16547041	CHR9:16547041	SSF x Far_LoA	-11,387	0,055	0,287
CHR9	16547164	CHR9:16547164	SSF x Far_LoA	1,736	0,173	0,271
CHR9	16550957	CHR9:16550957	SSF x Far_LoA	-10,503	0,014	0,281
CHR9	16551167	CHR9:16551167	SSF x Far_LoA	-0,422	0,055	0,299
CHR9	16560634	CHR9:16560634	SSF x Far_LoA	-11,366	0,001	0,277
CHR9	16560837	CHR9:16560837	SSF x Far_LoA	-8,812	0,004	0,296
CHR9	16564925	CHR9:16564925	SSF x Far_LoA	-9,304	-0,023	0,298
CHR9	16565061	CHR9:16565061	SSF x Far_LoA	-10,000	-0,094	0,283
CHR9	16565130	CHR9:16565130	SSF x Far_LoA	-8,659	0,081	0,285
CHR9	16581981	CHR9:16581981	SSF x Far_LoA	-6,710	-0,028	0,302
CHR9	1660578	CHR9:1660578	SSF x Far_LoA	-8,033	-0,045	0,285
CHR9	1660928	CHR9:1660928	SSF x Far_LoA	-10,493	-0,030	0,281
CHR9	16631883	CHR9:16631883	SSF x Far_LoA	-6,720	-0,073	0,290
CHR9	16631884	CHR9:16631884	SSF x Far_LoA	-7,766	-0,099	0,282
CHR9	16631916	CHR9:16631916	SSF x Far_LoA	-10,631	-0,002	0,294
CHR9	16636498	CHR9:16636498	SSF x Far_LoA	-7,091	-0,113	0,281
CHR9	16636527	CHR9:16636527	SSF x Far_LoA	-8,357	-0,084	0,302
CHR9	16636602	CHR9:16636602	SSF x Far_LoA	-9,414	0,093	0,296
CHR9	16638604	CHR9:16638604	SSF x Far_LoA	-2,312	0,126	0,277
CHR9	16638628	CHR9:16638628	SSF x Far_LoA	-9,739	0,104	0,290
CHR9	16638733	CHR9:16638733	SSF x Far_LoA	-4,994	0,164	0,263
CHR9	16638760	CHR9:16638760	SSF x Far_LoA	-9,117	0,130	0,280
CHR9	16645331	CHR9:16645331	SSF x Far_LoA	-8,523	0,020	0,295
CHR9	16645380	CHR9:16645380	SSF x Far_LoA	-8,904	-0,018	0,292
CHR9	16645448	CHR9:16645448	SSF x Far_LoA	-10,492	0,120	0,285
CHR9	16649033	CHR9:16649033	SSF x Far_LoA	-7,301	-0,072	0,288
CHR9	16649129	CHR9:16649129	SSF x Far_LoA	-9,874	-0,057	0,302
CHR9	16663293	CHR9:16663293	SSF x Far_LoA	-8,773	-0,006	0,285
CHR9	16663593	CHR9:16663593	SSF x Far_LoA	-7,394	-0,104	0,290
CHR9	16667054	CHR9:16667054	SSF x Far_LoA	-2,833	-0,181	0,280
CHR9	16678220	CHR9:16678220	SSF x Far_LoA	-8,844	-0,001	0,303
CHR9	16678312	CHR9:16678312	SSF x Far_LoA	-11,488	-0,061	0,289
CHR9	16678313	CHR9:16678313	SSF x Far_LoA	-10,108	0,032	0,285
CHR9	16678568	CHR9:16678568	SSF x Far_LoA	-10,360	0,123	0,291
CHR9	16681567	CHR9:16681567	SSF x Far_LoA	-11,698	0,063	0,283
CHR9	16681702	CHR9:16681702	SSF x Far_LoA	-7,408	-0,128	0,288
CHR9	16699927	CHR9:16699927	SSF x Far_LoA	-6,314	-0,056	0,296
CHR9	16726613	CHR9:16726613	SSF x Far_LoA	-9,463	-0,038	0,288
CHR9	16726761	CHR9:16726761	SSF x Far_LoA	-3,483	-0,112	0,295
CHR9	16726807	CHR9:16726807	SSF x Far_LoA	-11,639	-0,033	0,302

CHR9	16726918	CHR9:16726918	SSF x Far_LoA	-8,283	-0,024	0,292
CHR9	16726945	CHR9:16726945	SSF x Far_LoA	-8,243	-0,093	0,280
CHR9	16729198	CHR9:16729198	SSF x Far_LoA	-8,639	0,079	0,276
CHR9	16729252	CHR9:16729252	SSF x Far_LoA	-10,658	-0,001	0,281
CHR9	16729340	CHR9:16729340	SSF x Far_LoA	-8,775	-0,037	0,287
CHR9	16729343	CHR9:16729343	SSF x Far_LoA	-10,677	0,022	0,284
CHR9	16729356	CHR9:16729356	SSF x Far_LoA	-10,518	0,014	0,293
CHR9	16729382	CHR9:16729382	SSF x Far_LoA	-10,488	-0,007	0,268
CHR9	16740169	CHR9:16740169	SSF x Far_LoA	-10,246	-0,017	0,276
CHR9	16740185	CHR9:16740185	SSF x Far_LoA	-7,495	0,163	0,289
CHR9	16742044	CHR9:16742044	SSF x Far_LoA	-9,380	-0,028	0,296
CHR9	16745729	CHR9:16745729	SSF x Far_LoA	-8,480	-0,039	0,287
CHR9	16768362	CHR9:16768362	SSF x Far_LoA	-9,060	-0,069	0,294
CHR9	16768415	CHR9:16768415	SSF x Far_LoA	-8,692	-0,011	0,290
CHR9	16768480	CHR9:16768480	SSF x Far_LoA	-9,127	-0,027	0,289
CHR9	16780506	CHR9:16780506	SSF x Far_LoA	-11,098	0,114	0,281
CHR9	16780673	CHR9:16780673	SSF x Far_LoA	-10,821	0,062	0,288
CHR9	16790691	CHR9:16790691	SSF x Far_LoA	-5,510	-0,001	0,301
CHR9	16790735	CHR9:16790735	SSF x Far_LoA	-9,006	0,000	0,302
CHR9	16798849	CHR9:16798849	SSF x Far_LoA	-10,343	-0,092	0,297
CHR9	16798866	CHR9:16798866	SSF x Far_LoA	-9,268	0,063	0,288
CHR9	16807202	CHR9:16807202	SSF x Far_LoA	-2,827	-0,264	0,287
CHR9	16810007	CHR9:16810007	SSF x Far_LoA	-8,893	0,060	0,295
CHR9	16815679	CHR9:16815679	SSF x Far_LoA	-8,752	0,000	0,291
CHR9	16815739	CHR9:16815739	SSF x Far_LoA	-11,090	-0,036	0,295
CHR9	16852632	CHR9:16852632	SSF x Far_LoA	-7,624	0,079	0,298
CHR9	16852666	CHR9:16852666	SSF x Far_LoA	-10,231	0,019	0,300
CHR9	16852764	CHR9:16852764	SSF x Far_LoA	-9,094	0,084	0,293
CHR9	16852806	CHR9:16852806	SSF x Far_LoA	-8,165	0,011	0,306
CHR9	16854194	CHR9:16854194	SSF x Far_LoA	-0,495	-0,170	0,291
CHR9	16873208	CHR9:16873208	SSF x Far_LoA	-8,073	0,058	0,285
CHR9	16914466	CHR9:16914466	SSF x Far_LoA	-8,572	0,153	0,296
CHR9	16923303	CHR9:16923303	SSF x Far_LoA	-6,050	-0,179	0,276
CHR9	16926678	CHR9:16926678	SSF x Far_LoA	-9,221	-0,051	0,280
CHR9	1699380	CHR9:1699380	SSF x Far_LoA	-8,941	0,024	0,271
CHR9	17014687	CHR9:17014687	SSF x Far_LoA	-8,357	-0,009	0,296
CHR9	170449	CHR9:170449	SSF x Far_LoA	-8,343	0,055	0,289
CHR9	17048893	CHR9:17048893	SSF x Far_LoA	-9,315	0,006	0,295
CHR9	17062597	CHR9:17062597	SSF x Far_LoA	-8,988	0,073	0,297
CHR9	17086872	CHR9:17086872	SSF x Far_LoA	-10,117	0,049	0,295
CHR9	17087200	CHR9:17087200	SSF x Far_LoA	-8,979	-0,109	0,298
CHR9	17097725	CHR9:17097725	SSF x Far_LoA	-9,177	-0,054	0,286
CHR9	17097766	CHR9:17097766	SSF x Far_LoA	-10,091	0,075	0,285
CHR9	17107201	CHR9:17107201	SSF x Far_LoA	-10,461	0,074	0,289
CHR9	17107282	CHR9:17107282	SSF x Far_LoA	-7,366	0,188	0,287
CHR9	17107361	CHR9:17107361	SSF x Far_LoA	-7,670	0,156	0,287
CHR9	17111046	CHR9:17111046	SSF x Far_LoA	-9,400	-0,118	0,296
CHR9	17114959	CHR9:17114959	SSF x Far_LoA	-7,501	0,037	0,314
CHR9	17114961	CHR9:17114961	SSF x Far_LoA	-8,011	-0,092	0,291
CHR9	17117978	CHR9:17117978	SSF x Far_LoA	-9,360	0,084	0,294
CHR9	17117979	CHR9:17117979	SSF x Far_LoA	-9,457	-0,026	0,293
CHR9	17118103	CHR9:17118103	SSF x Far_LoA	-8,309	-0,056	0,294
CHR9	17121902	CHR9:17121902	SSF x Far_LoA	-8,060	-0,059	0,297

CHR9	17121952	CHR9:17121952	SSF x Far_LoA	-7,518	0,017	0,296
CHR9	17121955	CHR9:17121955	SSF x Far_LoA	-10,296	0,026	0,288
CHR9	17124487	CHR9:17124487	SSF x Far_LoA	-11,756	0,055	0,291
CHR9	17124545	CHR9:17124545	SSF x Far_LoA	-11,258	0,007	0,296
CHR9	17124628	CHR9:17124628	SSF x Far_LoA	-11,312	-0,062	0,301
CHR9	17124650	CHR9:17124650	SSF x Far_LoA	-9,488	-0,107	0,297
CHR9	17136378	CHR9:17136378	SSF x Far_LoA	-9,219	0,056	0,286
CHR9	17136411	CHR9:17136411	SSF x Far_LoA	-8,973	0,125	0,279
CHR9	17136456	CHR9:17136456	SSF x Far_LoA	-7,976	0,134	0,280
CHR9	17136457	CHR9:17136457	SSF x Far_LoA	-6,908	-0,122	0,290
CHR9	17136498	CHR9:17136498	SSF x Far_LoA	-9,768	0,114	0,284
CHR9	17136500	CHR9:17136500	SSF x Far_LoA	-11,465	0,130	0,281
CHR9	17137613	CHR9:17137613	SSF x Far_LoA	-11,639	0,017	0,300
CHR9	17137684	CHR9:17137684	SSF x Far_LoA	-10,985	-0,004	0,294
CHR9	17137728	CHR9:17137728	SSF x Far_LoA	-12,003	0,037	0,286
CHR9	17162689	CHR9:17162689	SSF x Far_LoA	-7,146	-0,098	0,297
CHR9	17162692	CHR9:17162692	SSF x Far_LoA	-9,540	0,060	0,299
CHR9	17162788	CHR9:17162788	SSF x Far_LoA	-9,386	0,047	0,294
CHR9	17162938	CHR9:17162938	SSF x Far_LoA	-8,052	-0,108	0,275
CHR9	17162980	CHR9:17162980	SSF x Far_LoA	-8,171	0,119	0,291
CHR9	17163047	CHR9:17163047	SSF x Far_LoA	-10,409	-0,022	0,309
CHR9	17163057	CHR9:17163057	SSF x Far_LoA	-8,533	0,011	0,303
CHR9	17170934	CHR9:17170934	SSF x Far_LoA	-9,038	0,143	0,288
CHR9	17170962	CHR9:17170962	SSF x Far_LoA	-5,817	0,135	0,287
CHR9	17171155	CHR9:17171155	SSF x Far_LoA	-10,081	-0,021	0,297
CHR9	1718818	CHR9:1718818	SSF x Far_LoA	-9,070	0,054	0,280
CHR9	1718851	CHR9:1718851	SSF x Far_LoA	-11,232	-0,045	0,301
CHR9	1718864	CHR9:1718864	SSF x Far_LoA	-10,400	-0,067	0,295
CHR9	1718865	CHR9:1718865	SSF x Far_LoA	-11,356	-0,053	0,293
CHR9	17189789	CHR9:17189789	SSF x Far_LoA	-11,925	0,063	0,279
CHR9	17189828	CHR9:17189828	SSF x Far_LoA	-10,820	0,107	0,281
CHR9	17189923	CHR9:17189923	SSF x Far_LoA	-7,582	-0,049	0,298
CHR9	17189945	CHR9:17189945	SSF x Far_LoA	-8,833	0,021	0,301
CHR9	17212340	CHR9:17212340	SSF x Far_LoA	-7,869	-0,033	0,291
CHR9	17214992	CHR9:17214992	SSF x Far_LoA	-7,799	-0,090	0,297
CHR9	17243655	CHR9:17243655	SSF x Far_LoA	-9,872	-0,100	0,270
CHR9	17249138	CHR9:17249138	SSF x Far_LoA	-10,436	-0,082	0,278
CHR9	17249231	CHR9:17249231	SSF x Far_LoA	-9,063	-0,076	0,293
CHR9	17249324	CHR9:17249324	SSF x Far_LoA	-9,604	0,043	0,288
CHR9	17257010	CHR9:17257010	SSF x Far_LoA	-6,258	-0,172	0,285
CHR9	17257277	CHR9:17257277	SSF x Far_LoA	-8,904	-0,038	0,296
CHR9	17263788	CHR9:17263788	SSF x Far_LoA	-10,313	-0,050	0,290
CHR9	17266277	CHR9:17266277	SSF x Far_LoA	-10,778	0,096	0,302
CHR9	17266503	CHR9:17266503	SSF x Far_LoA	-9,132	-0,109	0,286
CHR9	17266518	CHR9:17266518	SSF x Far_LoA	-7,568	-0,150	0,293
CHR9	17266520	CHR9:17266520	SSF x Far_LoA	-7,377	-0,123	0,292
CHR9	17266530	CHR9:17266530	SSF x Far_LoA	1,571	-0,071	0,281
CHR9	17275240	CHR9:17275240	SSF x Far_LoA	-8,850	-0,186	0,290
CHR9	17275254	CHR9:17275254	SSF x Far_LoA	-5,955	0,079	0,285
CHR9	17275375	CHR9:17275375	SSF x Far_LoA	-7,305	0,123	0,293
CHR9	17275439	CHR9:17275439	SSF x Far_LoA	-9,435	-0,126	0,273
CHR9	17296430	CHR9:17296430	SSF x Far_LoA	-9,400	0,058	0,289
CHR9	17296694	CHR9:17296694	SSF x Far_LoA	-10,138	0,048	0,279

CHR9	17300481	CHR9:17300481	SSF x Far_LoA	-9,425	-0,037	0,268
CHR9	17301932	CHR9:17301932	SSF x Far_LoA	-9,842	0,052	0,281
CHR9	17302053	CHR9:17302053	SSF x Far_LoA	-8,304	-0,022	0,291
CHR9	17302653	CHR9:17302653	SSF x Far_LoA	-7,218	0,032	0,296
CHR9	17320038	CHR9:17320038	SSF x Far_LoA	-10,809	-0,020	0,288
CHR9	17320168	CHR9:17320168	SSF x Far_LoA	-9,793	-0,096	0,307
CHR9	17320240	CHR9:17320240	SSF x Far_LoA	-6,840	0,004	0,299
CHR9	17339932	CHR9:17339932	SSF x Far_LoA	-12,049	0,039	0,289
CHR9	17339959	CHR9:17339959	SSF x Far_LoA	-9,655	-0,033	0,283
CHR9	17340040	CHR9:17340040	SSF x Far_LoA	-8,393	0,120	0,264
CHR9	17348426	CHR9:17348426	SSF x Far_LoA	-10,847	-0,046	0,285
CHR9	17348468	CHR9:17348468	SSF x Far_LoA	-7,251	-0,108	0,282
CHR9	17348485	CHR9:17348485	SSF x Far_LoA	-5,787	-0,118	0,290
CHR9	17348507	CHR9:17348507	SSF x Far_LoA	-9,943	-0,130	0,290
CHR9	17348583	CHR9:17348583	SSF x Far_LoA	-9,441	0,081	0,280
CHR9	17348761	CHR9:17348761	SSF x Far_LoA	-9,884	-0,055	0,279
CHR9	17363262	CHR9:17363262	SSF x Far_LoA	-9,039	0,078	0,274
CHR9	17368192	CHR9:17368192	SSF x Far_LoA	-8,324	0,021	0,293
CHR9	17368217	CHR9:17368217	SSF x Far_LoA	-10,618	-0,027	0,288
CHR9	17368229	CHR9:17368229	SSF x Far_LoA	-9,562	-0,037	0,302
CHR9	17368250	CHR9:17368250	SSF x Far_LoA	-7,481	-0,077	0,297
CHR9	17376048	CHR9:17376048	SSF x Far_LoA	-10,063	0,067	0,283
CHR9	17376075	CHR9:17376075	SSF x Far_LoA	-11,351	0,063	0,278
CHR9	17377474	CHR9:17377474	SSF x Far_LoA	-11,814	-0,044	0,274
CHR9	17385894	CHR9:17385894	SSF x Far_LoA	-7,792	-0,138	0,287
CHR9	17385912	CHR9:17385912	SSF x Far_LoA	-9,020	-0,158	0,287
CHR9	17385967	CHR9:17385967	SSF x Far_LoA	-7,959	-0,075	0,294
CHR9	17386333	CHR9:17386333	SSF x Far_LoA	-9,478	-0,087	0,297
CHR9	17391252	CHR9:17391252	SSF x Far_LoA	-11,824	0,035	0,288
CHR9	17392779	CHR9:17392779	SSF x Far_LoA	-10,135	0,009	0,297
CHR9	17392885	CHR9:17392885	SSF x Far_LoA	-11,217	-0,033	0,274
CHR9	17392987	CHR9:17392987	SSF x Far_LoA	-10,058	0,050	0,294
CHR9	17392997	CHR9:17392997	SSF x Far_LoA	-9,684	0,063	0,299
CHR9	17393003	CHR9:17393003	SSF x Far_LoA	-9,285	0,073	0,291
CHR9	17393030	CHR9:17393030	SSF x Far_LoA	-9,606	-0,006	0,278
CHR9	17405151	CHR9:17405151	SSF x Far_LoA	-8,427	0,005	0,299
CHR9	17405163	CHR9:17405163	SSF x Far_LoA	-11,771	-0,020	0,287
CHR9	17405385	CHR9:17405385	SSF x Far_LoA	-7,236	0,060	0,290
CHR9	17405452	CHR9:17405452	SSF x Far_LoA	-4,561	-0,150	0,285
CHR9	17405477	CHR9:17405477	SSF x Far_LoA	-11,018	0,016	0,304
CHR9	17405493	CHR9:17405493	SSF x Far_LoA	-9,067	-0,100	0,295
CHR9	17405529	CHR9:17405529	SSF x Far_LoA	-5,887	0,054	0,280
CHR9	17414141	CHR9:17414141	SSF x Far_LoA	-6,720	-0,159	0,287
CHR9	17414142	CHR9:17414142	SSF x Far_LoA	-5,768	-0,163	0,287
CHR9	17414199	CHR9:17414199	SSF x Far_LoA	-11,150	-0,013	0,282
CHR9	17418189	CHR9:17418189	SSF x Far_LoA	-11,624	-0,055	0,294
CHR9	17418218	CHR9:17418218	SSF x Far_LoA	-8,517	-0,060	0,301
CHR9	17444770	CHR9:17444770	SSF x Far_LoA	-9,398	0,016	0,311
CHR9	17449081	CHR9:17449081	SSF x Far_LoA	7,477	0,015	0,310
CHR9	17449237	CHR9:17449237	SSF x Far_LoA	-9,747	0,020	0,275
CHR9	17449332	CHR9:17449332	SSF x Far_LoA	-6,902	-0,161	0,299
CHR9	17449378	CHR9:17449378	SSF x Far_LoA	-10,461	0,085	0,291
CHR9	17449405	CHR9:17449405	SSF x Far_LoA	-9,413	-0,077	0,298

CHR9	17449485	CHR9:17449485	SSF x Far_LoA	-5,184	0,206	0,291
CHR9	17466743	CHR9:17466743	SSF x Far_LoA	-10,552	0,144	0,272
CHR9	17466980	CHR9:17466980	SSF x Far_LoA	-8,688	-0,088	0,308
CHR9	17478805	CHR9:17478805	SSF x Far_LoA	-10,484	-0,097	0,295
CHR9	17489563	CHR9:17489563	SSF x Far_LoA	-7,816	0,159	0,291
CHR9	17489605	CHR9:17489605	SSF x Far_LoA	-11,152	0,003	0,286
CHR9	17489652	CHR9:17489652	SSF x Far_LoA	-11,917	-0,024	0,274
CHR9	17489659	CHR9:17489659	SSF x Far_LoA	-8,523	-0,079	0,267
CHR9	17489688	CHR9:17489688	SSF x Far_LoA	-8,571	0,004	0,286
CHR9	17489729	CHR9:17489729	SSF x Far_LoA	-5,154	0,145	0,288
CHR9	17489794	CHR9:17489794	SSF x Far_LoA	-9,469	0,003	0,300
CHR9	17489798	CHR9:17489798	SSF x Far_LoA	-11,019	0,031	0,288
CHR9	17489805	CHR9:17489805	SSF x Far_LoA	-10,460	0,012	0,303
CHR9	17489816	CHR9:17489816	SSF x Far_LoA	-11,575	-0,048	0,286
CHR9	17489824	CHR9:17489824	SSF x Far_LoA	-10,954	0,021	0,294
CHR9	17489845	CHR9:17489845	SSF x Far_LoA	-6,768	-0,010	0,277
CHR9	17489899	CHR9:17489899	SSF x Far_LoA	-9,457	0,026	0,296
CHR9	17494994	CHR9:17494994	SSF x Far_LoA	-7,930	-0,011	0,271
CHR9	17495145	CHR9:17495145	SSF x Far_LoA	-9,748	0,085	0,267
CHR9	17495187	CHR9:17495187	SSF x Far_LoA	-8,641	0,027	0,264
CHR9	17495219	CHR9:17495219	SSF x Far_LoA	-2,200	0,097	0,280
CHR9	17514872	CHR9:17514872	SSF x Far_LoA	-8,125	-0,012	0,302
CHR9	17514959	CHR9:17514959	SSF x Far_LoA	-11,838	-0,034	0,296
CHR9	17519051	CHR9:17519051	SSF x Far_LoA	-8,127	-0,152	0,304
CHR9	17528564	CHR9:17528564	SSF x Far_LoA	-8,783	-0,099	0,282
CHR9	17528597	CHR9:17528597	SSF x Far_LoA	-8,659	0,094	0,279
CHR9	17529046	CHR9:17529046	SSF x Far_LoA	-0,840	-0,213	0,287
CHR9	17537734	CHR9:17537734	SSF x Far_LoA	-11,397	-0,018	0,301
CHR9	17537785	CHR9:17537785	SSF x Far_LoA	-10,009	0,071	0,288
CHR9	17539053	CHR9:17539053	SSF x Far_LoA	-11,012	-0,045	0,286
CHR9	17539180	CHR9:17539180	SSF x Far_LoA	-8,539	0,045	0,287
CHR9	17539207	CHR9:17539207	SSF x Far_LoA	-4,839	0,028	0,285
CHR9	17545509	CHR9:17545509	SSF x Far_LoA	-9,676	0,038	0,293
CHR9	1754820	CHR9:1754820	SSF x Far_LoA	-8,717	0,023	0,286
CHR9	1754915	CHR9:1754915	SSF x Far_LoA	-8,068	-0,103	0,283
CHR9	17558291	CHR9:17558291	SSF x Far_LoA	-7,164	-0,176	0,284
CHR9	17561954	CHR9:17561954	SSF x Far_LoA	-9,134	-0,157	0,294
CHR9	17572600	CHR9:17572600	SSF x Far_LoA	-7,332	-0,110	0,266
CHR9	17572710	CHR9:17572710	SSF x Far_LoA	-11,141	0,011	0,291
CHR9	17572755	CHR9:17572755	SSF x Far_LoA	-4,325	-0,097	0,303
CHR9	17583216	CHR9:17583216	SSF x Far_LoA	-8,947	0,033	0,294
CHR9	17583256	CHR9:17583256	SSF x Far_LoA	-9,443	0,032	0,294
CHR9	17586901	CHR9:17586901	SSF x Far_LoA	-10,059	-0,062	0,289
CHR9	17587024	CHR9:17587024	SSF x Far_LoA	-8,962	-0,017	0,297
CHR9	17587163	CHR9:17587163	SSF x Far_LoA	-8,308	0,057	0,289
CHR9	17597726	CHR9:17597726	SSF x Far_LoA	-6,645	-0,151	0,280
CHR9	17597808	CHR9:17597808	SSF x Far_LoA	-7,333	-0,010	0,307
CHR9	17597911	CHR9:17597911	SSF x Far_LoA	-8,636	-0,052	0,291
CHR9	17601508	CHR9:17601508	SSF x Far_LoA	-2,380	0,112	0,273
CHR9	17609998	CHR9:17609998	SSF x Far_LoA	-10,300	-0,002	0,307
CHR9	17610058	CHR9:17610058	SSF x Far_LoA	-9,566	0,060	0,291
CHR9	17610092	CHR9:17610092	SSF x Far_LoA	-8,296	-0,079	0,283
CHR9	17610162	CHR9:17610162	SSF x Far_LoA	-7,761	-0,027	0,296

CHR9	17610183	CHR9:17610183	SSF x Far_LoA	-7,204	-0,148	0,278
CHR9	17615585	CHR9:17615585	SSF x Far_LoA	-8,513	-0,134	0,290
CHR9	17615619	CHR9:17615619	SSF x Far_LoA	-8,770	-0,007	0,287
CHR9	17615780	CHR9:17615780	SSF x Far_LoA	-11,098	0,060	0,298
CHR9	17615907	CHR9:17615907	SSF x Far_LoA	-10,962	0,018	0,268
CHR9	17652837	CHR9:17652837	SSF x Far_LoA	-10,681	0,089	0,292
CHR9	17652856	CHR9:17652856	SSF x Far_LoA	-9,574	-0,018	0,272
CHR9	17652858	CHR9:17652858	SSF x Far_LoA	-10,659	-0,001	0,311
CHR9	17652926	CHR9:17652926	SSF x Far_LoA	-10,681	0,018	0,294
CHR9	17652960	CHR9:17652960	SSF x Far_LoA	-9,503	-0,107	0,290
CHR9	17652962	CHR9:17652962	SSF x Far_LoA	-8,731	0,021	0,309
CHR9	17670704	CHR9:17670704	SSF x Far_LoA	-10,348	-0,060	0,289
CHR9	17690885	CHR9:17690885	SSF x Far_LoA	0,932	0,251	0,269
CHR9	17691006	CHR9:17691006	SSF x Far_LoA	-9,513	0,152	0,286
CHR9	17707160	CHR9:17707160	SSF x Far_LoA	-8,315	0,117	0,283
CHR9	17721325	CHR9:17721325	SSF x Far_LoA	-8,918	0,057	0,292
CHR9	17721675	CHR9:17721675	SSF x Far_LoA	-8,071	0,100	0,275
CHR9	17721676	CHR9:17721676	SSF x Far_LoA	-8,486	0,091	0,277
CHR9	17730880	CHR9:17730880	SSF x Far_LoA	-8,510	-0,129	0,288
CHR9	17730905	CHR9:17730905	SSF x Far_LoA	-8,025	0,147	0,276
CHR9	17730944	CHR9:17730944	SSF x Far_LoA	-9,680	-0,031	0,304
CHR9	17730953	CHR9:17730953	SSF x Far_LoA	-5,787	-0,210	0,276
CHR9	17730977	CHR9:17730977	SSF x Far_LoA	-9,114	-0,083	0,305
CHR9	17752414	CHR9:17752414	SSF x Far_LoA	-10,728	0,032	0,295
CHR9	17752452	CHR9:17752452	SSF x Far_LoA	-10,901	-0,056	0,280
CHR9	17752526	CHR9:17752526	SSF x Far_LoA	-9,421	0,017	0,289
CHR9	17767233	CHR9:17767233	SSF x Far_LoA	-10,986	0,010	0,276
CHR9	17767331	CHR9:17767331	SSF x Far_LoA	-10,843	0,010	0,300
CHR9	17767354	CHR9:17767354	SSF x Far_LoA	-9,165	0,029	0,301
CHR9	17794926	CHR9:17794926	SSF x Far_LoA	-8,109	0,018	0,305
CHR9	17794984	CHR9:17794984	SSF x Far_LoA	-8,201	0,083	0,299
CHR9	17794999	CHR9:17794999	SSF x Far_LoA	-9,568	0,050	0,289
CHR9	17795040	CHR9:17795040	SSF x Far_LoA	-11,761	0,050	0,303
CHR9	17795065	CHR9:17795065	SSF x Far_LoA	-9,860	-0,007	0,279
CHR9	17795180	CHR9:17795180	SSF x Far_LoA	-11,474	-0,010	0,294
CHR9	17846418	CHR9:17846418	SSF x Far_LoA	-9,290	-0,022	0,300
CHR9	17846467	CHR9:17846467	SSF x Far_LoA	-8,995	0,128	0,278
CHR9	17846469	CHR9:17846469	SSF x Far_LoA	-8,772	0,100	0,291
CHR9	17846548	CHR9:17846548	SSF x Far_LoA	-10,770	-0,005	0,301
CHR9	17846557	CHR9:17846557	SSF x Far_LoA	-11,475	0,068	0,283
CHR9	17846569	CHR9:17846569	SSF x Far_LoA	-11,616	-0,002	0,294
CHR9	17846619	CHR9:17846619	SSF x Far_LoA	-7,199	0,152	0,289
CHR9	17846621	CHR9:17846621	SSF x Far_LoA	-4,457	0,052	0,297
CHR9	17846730	CHR9:17846730	SSF x Far_LoA	-9,194	-0,028	0,288
CHR9	17868290	CHR9:17868290	SSF x Far_LoA	-11,536	-0,011	0,295
CHR9	17868372	CHR9:17868372	SSF x Far_LoA	-7,515	-0,137	0,284
CHR9	17868426	CHR9:17868426	SSF x Far_LoA	-8,027	0,111	0,279
CHR9	17868437	CHR9:17868437	SSF x Far_LoA	-3,852	-0,133	0,297
CHR9	17868561	CHR9:17868561	SSF x Far_LoA	-9,983	0,052	0,291
CHR9	17868588	CHR9:17868588	SSF x Far_LoA	-8,449	0,084	0,298
CHR9	17872767	CHR9:17872767	SSF x Far_LoA	-7,244	0,155	0,289
CHR9	17872869	CHR9:17872869	SSF x Far_LoA	-8,461	0,047	0,289
CHR9	17877203	CHR9:17877203	SSF x Far_LoA	-6,953	0,151	0,268

CHR9	17877388	CHR9:17877388	SSF x Far_LoA	-8,996	-0,011	0,283
CHR9	17877392	CHR9:17877392	SSF x Far_LoA	-8,063	0,160	0,279
CHR9	17877406	CHR9:17877406	SSF x Far_LoA	-10,747	0,014	0,298
CHR9	17883327	CHR9:17883327	SSF x Far_LoA	-7,030	-0,139	0,289
CHR9	17883328	CHR9:17883328	SSF x Far_LoA	-5,697	-0,200	0,291
CHR9	17883362	CHR9:17883362	SSF x Far_LoA	-9,530	-0,112	0,290
CHR9	17883404	CHR9:17883404	SSF x Far_LoA	-5,636	-0,175	0,287
CHR9	17883406	CHR9:17883406	SSF x Far_LoA	-5,007	0,252	0,283
CHR9	17883443	CHR9:17883443	SSF x Far_LoA	-11,692	-0,025	0,284
CHR9	17883524	CHR9:17883524	SSF x Far_LoA	-9,400	-0,042	0,303
CHR9	17891408	CHR9:17891408	SSF x Far_LoA	-9,822	-0,034	0,290
CHR9	17891417	CHR9:17891417	SSF x Far_LoA	-7,267	-0,006	0,299
CHR9	17891703	CHR9:17891703	SSF x Far_LoA	-5,379	0,012	0,298
CHR9	17891712	CHR9:17891712	SSF x Far_LoA	-10,938	0,026	0,299
CHR9	17895072	CHR9:17895072	SSF x Far_LoA	-10,825	-0,083	0,292
CHR9	17895215	CHR9:17895215	SSF x Far_LoA	-10,861	-0,037	0,285
CHR9	17895278	CHR9:17895278	SSF x Far_LoA	-9,172	0,004	0,302
CHR9	17895291	CHR9:17895291	SSF x Far_LoA	-11,347	0,000	0,288
CHR9	17895300	CHR9:17895300	SSF x Far_LoA	-10,567	-0,035	0,292
CHR9	17898037	CHR9:17898037	SSF x Far_LoA	-9,889	-0,028	0,287
CHR9	17898043	CHR9:17898043	SSF x Far_LoA	-11,087	-0,033	0,287
CHR9	17898215	CHR9:17898215	SSF x Far_LoA	-9,274	-0,054	0,291
CHR9	17898219	CHR9:17898219	SSF x Far_LoA	-7,752	0,047	0,280
CHR9	17903616	CHR9:17903616	SSF x Far_LoA	-7,331	0,105	0,296
CHR9	17903831	CHR9:17903831	SSF x Far_LoA	-8,704	-0,007	0,312
CHR9	17919479	CHR9:17919479	SSF x Far_LoA	-7,141	-0,141	0,282
CHR9	17919554	CHR9:17919554	SSF x Far_LoA	-11,172	-0,139	0,283
CHR9	17919595	CHR9:17919595	SSF x Far_LoA	-10,310	-0,046	0,279
CHR9	17919608	CHR9:17919608	SSF x Far_LoA	-9,934	-0,014	0,277
CHR9	17919642	CHR9:17919642	SSF x Far_LoA	-7,526	-0,041	0,309
CHR9	17953611	CHR9:17953611	SSF x Far_LoA	-8,489	0,029	0,301
CHR9	17954077	CHR9:17954077	SSF x Far_LoA	-10,422	0,111	0,278
CHR9	17954093	CHR9:17954093	SSF x Far_LoA	-7,456	-0,062	0,302
CHR9	17977234	CHR9:17977234	SSF x Far_LoA	-3,833	-0,101	0,309
CHR9	17977424	CHR9:17977424	SSF x Far_LoA	-5,218	0,002	0,316
CHR9	17977503	CHR9:17977503	SSF x Far_LoA	-9,981	0,140	0,295
CHR9	17991550	CHR9:17991550	SSF x Far_LoA	-10,192	-0,093	0,285
CHR9	17991773	CHR9:17991773	SSF x Far_LoA	-10,536	-0,048	0,291
CHR9	18001694	CHR9:18001694	SSF x Far_LoA	-6,742	-0,068	0,308
CHR9	18001834	CHR9:18001834	SSF x Far_LoA	-7,578	-0,130	0,289
CHR9	18001883	CHR9:18001883	SSF x Far_LoA	-7,835	-0,126	0,289
CHR9	18004915	CHR9:18004915	SSF x Far_LoA	-8,884	-0,001	0,274
CHR9	18005092	CHR9:18005092	SSF x Far_LoA	-8,279	-0,019	0,264
CHR9	18005105	CHR9:18005105	SSF x Far_LoA	-9,032	-0,055	0,301
CHR9	18005110	CHR9:18005110	SSF x Far_LoA	-10,275	-0,026	0,268
CHR9	18005143	CHR9:18005143	SSF x Far_LoA	-8,478	-0,050	0,272
CHR9	18005144	CHR9:18005144	SSF x Far_LoA	-9,382	-0,026	0,277
CHR9	18065936	CHR9:18065936	SSF x Far_LoA	-8,164	-0,138	0,287
CHR9	18065989	CHR9:18065989	SSF x Far_LoA	-10,157	-0,074	0,295
CHR9	18066114	CHR9:18066114	SSF x Far_LoA	-8,701	0,008	0,287
CHR9	18069214	CHR9:18069214	SSF x Far_LoA	-6,608	-0,088	0,299
CHR9	18069294	CHR9:18069294	SSF x Far_LoA	-10,738	0,011	0,289
CHR9	18069348	CHR9:18069348	SSF x Far_LoA	1,750	-0,125	0,288

CHR9	18069400	CHR9:18069400	SSF x Far_LoA	-7,782	-0,042	0,297
CHR9	18071321	CHR9:18071321	SSF x Far_LoA	-9,853	0,031	0,284
CHR9	18076161	CHR9:18076161	SSF x Far_LoA	-6,453	-0,089	0,283
CHR9	18076202	CHR9:18076202	SSF x Far_LoA	-10,042	0,103	0,273
CHR9	18076328	CHR9:18076328	SSF x Far_LoA	-9,501	0,007	0,292
CHR9	18076403	CHR9:18076403	SSF x Far_LoA	-2,688	-0,233	0,288
CHR9	18076412	CHR9:18076412	SSF x Far_LoA	-7,292	-0,168	0,277
CHR9	18083998	CHR9:18083998	SSF x Far_LoA	-8,863	-0,085	0,271
CHR9	18084041	CHR9:18084041	SSF x Far_LoA	-8,993	-0,008	0,272
CHR9	18084050	CHR9:18084050	SSF x Far_LoA	-10,302	0,039	0,281
CHR9	18084097	CHR9:18084097	SSF x Far_LoA	-9,674	-0,105	0,275
CHR9	18084102	CHR9:18084102	SSF x Far_LoA	-11,667	0,030	0,286
CHR9	18084182	CHR9:18084182	SSF x Far_LoA	-8,755	0,022	0,282
CHR9	18084192	CHR9:18084192	SSF x Far_LoA	-9,442	0,017	0,292
CHR9	18098033	CHR9:18098033	SSF x Far_LoA	-9,200	0,086	0,295
CHR9	18098219	CHR9:18098219	SSF x Far_LoA	-8,700	-0,035	0,282
CHR9	18098233	CHR9:18098233	SSF x Far_LoA	-8,108	-0,169	0,294
CHR9	18098304	CHR9:18098304	SSF x Far_LoA	-10,031	0,028	0,302
CHR9	18098378	CHR9:18098378	SSF x Far_LoA	-9,460	-0,002	0,297
CHR9	18101827	CHR9:18101827	SSF x Far_LoA	-7,511	0,068	0,292
CHR9	18101872	CHR9:18101872	SSF x Far_LoA	-11,259	-0,036	0,290
CHR9	18101875	CHR9:18101875	SSF x Far_LoA	-7,385	-0,143	0,296
CHR9	18101943	CHR9:18101943	SSF x Far_LoA	-9,900	-0,065	0,290
CHR9	1812491	CHR9:1812491	SSF x Far_LoA	-10,168	0,142	0,272
CHR9	18136336	CHR9:18136336	SSF x Far_LoA	-6,591	-0,165	0,276
CHR9	18136345	CHR9:18136345	SSF x Far_LoA	-10,360	0,005	0,294
CHR9	18136359	CHR9:18136359	SSF x Far_LoA	-9,711	0,133	0,279
CHR9	18136384	CHR9:18136384	SSF x Far_LoA	-8,071	0,138	0,275
CHR9	18136549	CHR9:18136549	SSF x Far_LoA	-6,367	-0,094	0,298
CHR9	18138142	CHR9:18138142	SSF x Far_LoA	-9,766	0,006	0,303
CHR9	18138231	CHR9:18138231	SSF x Far_LoA	-8,690	-0,086	0,291
CHR9	18138504	CHR9:18138504	SSF x Far_LoA	-10,580	-0,120	0,284
CHR9	18138509	CHR9:18138509	SSF x Far_LoA	-0,237	-0,101	0,291
CHR9	18153898	CHR9:18153898	SSF x Far_LoA	-7,335	-0,086	0,285
CHR9	18154934	CHR9:18154934	SSF x Far_LoA	-11,179	0,021	0,297
CHR9	18154937	CHR9:18154937	SSF x Far_LoA	-10,765	-0,099	0,283
CHR9	18154942	CHR9:18154942	SSF x Far_LoA	-10,240	-0,098	0,281
CHR9	18154949	CHR9:18154949	SSF x Far_LoA	-5,724	-0,011	0,311
CHR9	18155001	CHR9:18155001	SSF x Far_LoA	-10,965	0,029	0,288
CHR9	18155222	CHR9:18155222	SSF x Far_LoA	-9,878	0,041	0,288
CHR9	1816426	CHR9:1816426	SSF x Far_LoA	1,092	-0,128	0,307
CHR9	18167040	CHR9:18167040	SSF x Far_LoA	-8,606	-0,062	0,264
CHR9	18167100	CHR9:18167100	SSF x Far_LoA	-10,799	-0,005	0,292
CHR9	18167111	CHR9:18167111	SSF x Far_LoA	-8,860	-0,005	0,297
CHR9	18167932	CHR9:18167932	SSF x Far_LoA	-2,616	0,174	0,290
CHR9	18172711	CHR9:18172711	SSF x Far_LoA	-7,808	-0,084	0,311
CHR9	18172715	CHR9:18172715	SSF x Far_LoA	-7,343	0,100	0,299
CHR9	18172733	CHR9:18172733	SSF x Far_LoA	-8,999	0,038	0,292
CHR9	18172872	CHR9:18172872	SSF x Far_LoA	-7,588	-0,034	0,304
CHR9	18197238	CHR9:18197238	SSF x Far_LoA	-9,229	-0,028	0,275
CHR9	18197270	CHR9:18197270	SSF x Far_LoA	-6,478	-0,187	0,279
CHR9	18205811	CHR9:18205811	SSF x Far_LoA	-8,779	-0,022	0,273
CHR9	18226938	CHR9:18226938	SSF x Far_LoA	-9,048	-0,063	0,286

CHR9	18227005	CHR9:18227005	SSF x Far_LoA	-5,816	0,153	0,279
CHR9	18227050	CHR9:18227050	SSF x Far_LoA	-9,875	-0,075	0,298
CHR9	18227091	CHR9:18227091	SSF x Far_LoA	-10,303	0,009	0,300
CHR9	18245744	CHR9:18245744	SSF x Far_LoA	-8,582	-0,019	0,294
CHR9	18245768	CHR9:18245768	SSF x Far_LoA	-11,006	-0,008	0,294
CHR9	18273543	CHR9:18273543	SSF x Far_LoA	-8,364	-0,051	0,283
CHR9	18273653	CHR9:18273653	SSF x Far_LoA	-9,846	-0,076	0,289
CHR9	18291911	CHR9:18291911	SSF x Far_LoA	-9,234	0,040	0,293
CHR9	18302534	CHR9:18302534	SSF x Far_LoA	-3,453	0,071	0,287
CHR9	18318848	CHR9:18318848	SSF x Far_LoA	-9,324	-0,018	0,307
CHR9	18350994	CHR9:18350994	SSF x Far_LoA	-6,555	-0,126	0,309
CHR9	18350998	CHR9:18350998	SSF x Far_LoA	-8,850	-0,136	0,298
CHR9	18351002	CHR9:18351002	SSF x Far_LoA	-6,579	-0,153	0,299
CHR9	18351006	CHR9:18351006	SSF x Far_LoA	-7,360	-0,129	0,288
CHR9	18351043	CHR9:18351043	SSF x Far_LoA	-8,083	-0,130	0,293
CHR9	18357829	CHR9:18357829	SSF x Far_LoA	-11,718	0,021	0,293
CHR9	1837924	CHR9:1837924	SSF x Far_LoA	-9,833	-0,084	0,300
CHR9	1837929	CHR9:1837929	SSF x Far_LoA	-11,125	-0,083	0,283
CHR9	18383224	CHR9:18383224	SSF x Far_LoA	-10,404	0,068	0,291
CHR9	18383237	CHR9:18383237	SSF x Far_LoA	-9,401	0,035	0,272
CHR9	18393833	CHR9:18393833	SSF x Far_LoA	-8,694	0,059	0,278
CHR9	18393972	CHR9:18393972	SSF x Far_LoA	-7,883	0,085	0,274
CHR9	18393991	CHR9:18393991	SSF x Far_LoA	-8,119	0,104	0,285
CHR9	18401084	CHR9:18401084	SSF x Far_LoA	-2,094	0,166	0,282
CHR9	18401115	CHR9:18401115	SSF x Far_LoA	-5,266	0,100	0,285
CHR9	18401126	CHR9:18401126	SSF x Far_LoA	-6,966	0,175	0,283
CHR9	18410771	CHR9:18410771	SSF x Far_LoA	-11,369	0,048	0,283
CHR9	18410885	CHR9:18410885	SSF x Far_LoA	-10,223	0,025	0,283
CHR9	18411888	CHR9:18411888	SSF x Far_LoA	-10,648	0,025	0,286
CHR9	18412012	CHR9:18412012	SSF x Far_LoA	-8,804	-0,021	0,291
CHR9	18419756	CHR9:18419756	SSF x Far_LoA	-8,094	-0,048	0,295
CHR9	18419955	CHR9:18419955	SSF x Far_LoA	-9,661	-0,032	0,308
CHR9	18419956	CHR9:18419956	SSF x Far_LoA	-9,892	-0,080	0,292
CHR9	18419958	CHR9:18419958	SSF x Far_LoA	-9,395	0,041	0,293
CHR9	18427441	CHR9:18427441	SSF x Far_LoA	-10,525	0,125	0,286
CHR9	18427443	CHR9:18427443	SSF x Far_LoA	-8,785	-0,016	0,303
CHR9	18442043	CHR9:18442043	SSF x Far_LoA	-11,655	0,015	0,292
CHR9	18442111	CHR9:18442111	SSF x Far_LoA	-9,176	0,049	0,290
CHR9	18456080	CHR9:18456080	SSF x Far_LoA	-8,312	-0,012	0,291
CHR9	18456095	CHR9:18456095	SSF x Far_LoA	-8,259	-0,087	0,288
CHR9	18456126	CHR9:18456126	SSF x Far_LoA	-6,159	-0,012	0,287
CHR9	18456183	CHR9:18456183	SSF x Far_LoA	-8,995	-0,030	0,288
CHR9	18456242	CHR9:18456242	SSF x Far_LoA	-4,982	0,006	0,278
CHR9	18465948	CHR9:18465948	SSF x Far_LoA	-9,337	-0,047	0,285
CHR9	18473466	CHR9:18473466	SSF x Far_LoA	-9,501	0,006	0,295
CHR9	18473691	CHR9:18473691	SSF x Far_LoA	-8,899	0,156	0,289
CHR9	18478668	CHR9:18478668	SSF x Far_LoA	-7,064	0,087	0,301
CHR9	18478672	CHR9:18478672	SSF x Far_LoA	-6,544	0,092	0,288
CHR9	18478705	CHR9:18478705	SSF x Far_LoA	-5,412	0,187	0,306
CHR9	18478724	CHR9:18478724	SSF x Far_LoA	-9,763	0,101	0,285
CHR9	18478828	CHR9:18478828	SSF x Far_LoA	-8,936	-0,037	0,291
CHR9	18478908	CHR9:18478908	SSF x Far_LoA	-10,568	-0,092	0,285
CHR9	18478921	CHR9:18478921	SSF x Far_LoA	-8,525	-0,078	0,285

CHR9	18479031	CHR9:18479031	SSF x Far_LoA	-10,460	0,104	0,292
CHR9	1848105	CHR9:1848105	SSF x Far_LoA	-8,685	0,109	0,294
CHR9	1848160	CHR9:1848160	SSF x Far_LoA	-7,967	0,013	0,289
CHR9	18487801	CHR9:18487801	SSF x Far_LoA	-11,766	-0,036	0,292
CHR9	18530274	CHR9:18530274	SSF x Far_LoA	-7,338	-0,047	0,279
CHR9	18530417	CHR9:18530417	SSF x Far_LoA	-9,376	-0,074	0,269
CHR9	18530430	CHR9:18530430	SSF x Far_LoA	-10,117	-0,031	0,270
CHR9	18530448	CHR9:18530448	SSF x Far_LoA	-9,594	-0,049	0,273
CHR9	1854759	CHR9:1854759	SSF x Far_LoA	-10,306	-0,016	0,299
CHR9	18570237	CHR9:18570237	SSF x Far_LoA	-7,067	0,130	0,291
CHR9	18570248	CHR9:18570248	SSF x Far_LoA	-10,524	0,054	0,292
CHR9	18570259	CHR9:18570259	SSF x Far_LoA	-9,446	0,055	0,287
CHR9	18570281	CHR9:18570281	SSF x Far_LoA	-8,332	-0,032	0,300
CHR9	18570287	CHR9:18570287	SSF x Far_LoA	-8,560	-0,023	0,302
CHR9	18570305	CHR9:18570305	SSF x Far_LoA	-6,192	0,114	0,303
CHR9	18570504	CHR9:18570504	SSF x Far_LoA	-9,198	0,078	0,308
CHR9	18570611	CHR9:18570611	SSF x Far_LoA	-11,003	0,058	0,300
CHR9	18570688	CHR9:18570688	SSF x Far_LoA	-9,617	-0,059	0,295
CHR9	18578554	CHR9:18578554	SSF x Far_LoA	-7,208	-0,132	0,294
CHR9	18578658	CHR9:18578658	SSF x Far_LoA	-8,801	0,087	0,288
CHR9	18631476	CHR9:18631476	SSF x Far_LoA	-10,280	-0,027	0,285
CHR9	18631762	CHR9:18631762	SSF x Far_LoA	-6,907	0,122	0,303
CHR9	18631777	CHR9:18631777	SSF x Far_LoA	-9,272	-0,123	0,297
CHR9	18631809	CHR9:18631809	SSF x Far_LoA	-9,771	0,010	0,291
CHR9	18631851	CHR9:18631851	SSF x Far_LoA	-8,665	0,050	0,297
CHR9	18640651	CHR9:18640651	SSF x Far_LoA	-9,866	0,023	0,274
CHR9	18640674	CHR9:18640674	SSF x Far_LoA	-9,753	0,029	0,288
CHR9	18640686	CHR9:18640686	SSF x Far_LoA	-7,883	-0,075	0,303
CHR9	18640955	CHR9:18640955	SSF x Far_LoA	-9,209	-0,037	0,297
CHR9	18641089	CHR9:18641089	SSF x Far_LoA	-6,786	-0,067	0,311
CHR9	18641137	CHR9:18641137	SSF x Far_LoA	-9,604	0,001	0,294
CHR9	18656412	CHR9:18656412	SSF x Far_LoA	-9,375	-0,097	0,284
CHR9	18656553	CHR9:18656553	SSF x Far_LoA	-8,108	0,107	0,274
CHR9	18656768	CHR9:18656768	SSF x Far_LoA	-10,233	-0,028	0,294
CHR9	18656804	CHR9:18656804	SSF x Far_LoA	-9,365	-0,029	0,281
CHR9	18656818	CHR9:18656818	SSF x Far_LoA	-8,485	-0,097	0,272
CHR9	18656867	CHR9:18656867	SSF x Far_LoA	-11,818	-0,027	0,289
CHR9	18661895	CHR9:18661895	SSF x Far_LoA	-9,478	0,004	0,287
CHR9	18661906	CHR9:18661906	SSF x Far_LoA	-9,145	0,014	0,290
CHR9	18661927	CHR9:18661927	SSF x Far_LoA	-11,026	0,033	0,282
CHR9	18661982	CHR9:18661982	SSF x Far_LoA	-6,264	-0,057	0,290
CHR9	18662041	CHR9:18662041	SSF x Far_LoA	-10,601	-0,049	0,295
CHR9	18682414	CHR9:18682414	SSF x Far_LoA	-7,160	0,119	0,273
CHR9	18682448	CHR9:18682448	SSF x Far_LoA	-8,431	0,092	0,284
CHR9	18682484	CHR9:18682484	SSF x Far_LoA	-9,921	0,074	0,279
CHR9	18682490	CHR9:18682490	SSF x Far_LoA	-9,389	0,057	0,298
CHR9	18682598	CHR9:18682598	SSF x Far_LoA	-8,932	0,031	0,313
CHR9	18682695	CHR9:18682695	SSF x Far_LoA	-8,769	0,071	0,302
CHR9	18692524	CHR9:18692524	SSF x Far_LoA	-8,105	0,118	0,280
CHR9	1871200	CHR9:1871200	SSF x Far_LoA	-10,770	0,053	0,283
CHR9	1872585	CHR9:1872585	SSF x Far_LoA	-8,742	-0,023	0,297
CHR9	18738375	CHR9:18738375	SSF x Far_LoA	-8,589	0,086	0,282
CHR9	18784801	CHR9:18784801	SSF x Far_LoA	-8,404	0,020	0,305

CHR9	18789029	CHR9:18789029	SSF x Far_LoA	1,355	0,052	0,297
CHR9	18789129	CHR9:18789129	SSF x Far_LoA	-9,256	0,041	0,299
CHR9	18789131	CHR9:18789131	SSF x Far_LoA	-10,012	0,062	0,297
CHR9	18789133	CHR9:18789133	SSF x Far_LoA	-6,921	0,085	0,305
CHR9	18789262	CHR9:18789262	SSF x Far_LoA	-9,679	0,038	0,294
CHR9	18798822	CHR9:18798822	SSF x Far_LoA	-7,851	0,081	0,275
CHR9	18807930	CHR9:18807930	SSF x Far_LoA	-9,153	0,038	0,299
CHR9	1881376	CHR9:1881376	SSF x Far_LoA	-7,829	0,025	0,301
CHR9	1881448	CHR9:1881448	SSF x Far_LoA	-11,848	0,016	0,284
CHR9	1881450	CHR9:1881450	SSF x Far_LoA	-8,843	-0,137	0,301
CHR9	1883750	CHR9:1883750	SSF x Far_LoA	-8,970	0,017	0,291
CHR9	1883752	CHR9:1883752	SSF x Far_LoA	-5,901	0,175	0,280
CHR9	1883777	CHR9:1883777	SSF x Far_LoA	-8,717	0,074	0,281
CHR9	18841224	CHR9:18841224	SSF x Far_LoA	-9,339	0,074	0,284
CHR9	18853486	CHR9:18853486	SSF x Far_LoA	-4,652	0,116	0,290
CHR9	1885974	CHR9:1885974	SSF x Far_LoA	-8,960	0,052	0,289
CHR9	1886186	CHR9:1886186	SSF x Far_LoA	-4,882	-0,150	0,277
CHR9	1886278	CHR9:1886278	SSF x Far_LoA	-8,989	0,000	0,288
CHR9	18882934	CHR9:18882934	SSF x Far_LoA	-3,743	-0,236	0,266
CHR9	18882975	CHR9:18882975	SSF x Far_LoA	-4,760	-0,192	0,289
CHR9	18893336	CHR9:18893336	SSF x Far_LoA	-10,652	-0,006	0,282
CHR9	1891168	CHR9:1891168	SSF x Far_LoA	-8,917	-0,088	0,300
CHR9	1891174	CHR9:1891174	SSF x Far_LoA	-9,056	-0,026	0,291
CHR9	1891250	CHR9:1891250	SSF x Far_LoA	-7,972	-0,097	0,289
CHR9	18926934	CHR9:18926934	SSF x Far_LoA	-8,153	-0,117	0,278
CHR9	18926959	CHR9:18926959	SSF x Far_LoA	8,938	-0,127	0,283
CHR9	18965182	CHR9:18965182	SSF x Far_LoA	-10,103	0,129	0,279
CHR9	1897189	CHR9:1897189	SSF x Far_LoA	-7,619	-0,004	0,298
CHR9	1897449	CHR9:1897449	SSF x Far_LoA	-8,247	-0,009	0,289
CHR9	1897537	CHR9:1897537	SSF x Far_LoA	-11,810	0,016	0,294
CHR9	18976283	CHR9:18976283	SSF x Far_LoA	-7,299	0,100	0,288
CHR9	18976362	CHR9:18976362	SSF x Far_LoA	-9,542	-0,017	0,288
CHR9	1897642	CHR9:1897642	SSF x Far_LoA	-8,394	-0,182	0,279
CHR9	18978340	CHR9:18978340	SSF x Far_LoA	-9,070	-0,109	0,298
CHR9	18985018	CHR9:18985018	SSF x Far_LoA	-8,083	-0,042	0,305
CHR9	18985094	CHR9:18985094	SSF x Far_LoA	-10,985	-0,024	0,285
CHR9	19022831	CHR9:19022831	SSF x Far_LoA	-8,482	0,087	0,301
CHR9	19030714	CHR9:19030714	SSF x Far_LoA	-11,062	-0,006	0,300
CHR9	19030781	CHR9:19030781	SSF x Far_LoA	-11,123	0,006	0,308
CHR9	19030784	CHR9:19030784	SSF x Far_LoA	-11,417	-0,038	0,298
CHR9	19031086	CHR9:19031086	SSF x Far_LoA	-11,430	0,022	0,303
CHR9	19062241	CHR9:19062241	SSF x Far_LoA	-10,819	0,014	0,299
CHR9	19067526	CHR9:19067526	SSF x Far_LoA	-9,013	0,029	0,307
CHR9	19067593	CHR9:19067593	SSF x Far_LoA	-8,787	0,053	0,282
CHR9	19067995	CHR9:19067995	SSF x Far_LoA	-11,940	0,060	0,281
CHR9	19074268	CHR9:19074268	SSF x Far_LoA	-11,005	0,011	0,296
CHR9	19150957	CHR9:19150957	SSF x Far_LoA	-10,902	0,071	0,286
CHR9	19151058	CHR9:19151058	SSF x Far_LoA	-10,125	0,039	0,303
CHR9	19153647	CHR9:19153647	SSF x Far_LoA	-10,554	0,044	0,280
CHR9	19179660	CHR9:19179660	SSF x Far_LoA	-7,261	-0,048	0,304
CHR9	1924634	CHR9:1924634	SSF x Far_LoA	-10,043	0,159	0,283
CHR9	1930156	CHR9:1930156	SSF x Far_LoA	-7,786	-0,073	0,286
CHR9	1934703	CHR9:1934703	SSF x Far_LoA	-6,386	0,123	0,288

CHR9	1935724	CHR9:1935724	SSF x Far_LoA	-7,668	-0,073	0,304
CHR9	1936580	CHR9:1936580	SSF x Far_LoA	-7,391	-0,136	0,279
CHR9	1936583	CHR9:1936583	SSF x Far_LoA	-11,719	0,023	0,282
CHR9	1951913	CHR9:1951913	SSF x Far_LoA	-8,677	0,049	0,293
CHR9	1951934	CHR9:1951934	SSF x Far_LoA	-8,594	0,061	0,291
CHR9	1951972	CHR9:1951972	SSF x Far_LoA	-8,024	-0,087	0,287
CHR9	1951989	CHR9:1951989	SSF x Far_LoA	-7,927	0,070	0,286
CHR9	1952007	CHR9:1952007	SSF x Far_LoA	-8,914	-0,065	0,281
CHR9	1971221	CHR9:1971221	SSF x Far_LoA	-11,357	0,009	0,305
CHR9	1975077	CHR9:1975077	SSF x Far_LoA	-9,619	-0,045	0,292
CHR9	1975325	CHR9:1975325	SSF x Far_LoA	-11,762	-0,001	0,295
CHR9	1976693	CHR9:1976693	SSF x Far_LoA	-8,248	-0,025	0,319
CHR9	1976742	CHR9:1976742	SSF x Far_LoA	-10,895	0,024	0,299
CHR9	1985773	CHR9:1985773	SSF x Far_LoA	-8,719	-0,035	0,289
CHR9	1985797	CHR9:1985797	SSF x Far_LoA	-4,888	0,039	0,278
CHR9	1985815	CHR9:1985815	SSF x Far_LoA	-6,910	-0,174	0,279
CHR9	1985841	CHR9:1985841	SSF x Far_LoA	-4,037	0,199	0,268
CHR9	1985849	CHR9:1985849	SSF x Far_LoA	-4,882	-0,048	0,286
CHR9	1985902	CHR9:1985902	SSF x Far_LoA	-10,982	-0,062	0,286
CHR9	1985907	CHR9:1985907	SSF x Far_LoA	-6,590	-0,176	0,300
CHR9	1985908	CHR9:1985908	SSF x Far_LoA	-10,593	-0,072	0,286
CHR9	1985909	CHR9:1985909	SSF x Far_LoA	-11,076	-0,023	0,276
CHR9	1985925	CHR9:1985925	SSF x Far_LoA	-9,724	-0,023	0,266
CHR9	1985999	CHR9:1985999	SSF x Far_LoA	-8,592	0,051	0,292
CHR9	1986041	CHR9:1986041	SSF x Far_LoA	-9,475	0,060	0,304
CHR9	2005234	CHR9:2005234	SSF x Far_LoA	-11,024	-0,041	0,289
CHR9	2005370	CHR9:2005370	SSF x Far_LoA	-8,347	0,091	0,292
CHR9	2012311	CHR9:2012311	SSF x Far_LoA	-12,360	-0,030	0,284
CHR9	2012382	CHR9:2012382	SSF x Far_LoA	-10,313	-0,069	0,289
CHR9	2012474	CHR9:2012474	SSF x Far_LoA	-8,673	-0,080	0,296
CHR9	2024302	CHR9:2024302	SSF x Far_LoA	-9,059	-0,071	0,293
CHR9	2024305	CHR9:2024305	SSF x Far_LoA	-9,126	-0,096	0,289
CHR9	2024464	CHR9:2024464	SSF x Far_LoA	-10,581	0,031	0,274
CHR9	2026279	CHR9:2026279	SSF x Far_LoA	-9,713	-0,029	0,268
CHR9	2026452	CHR9:2026452	SSF x Far_LoA	-10,536	0,028	0,305
CHR9	2026609	CHR9:2026609	SSF x Far_LoA	-9,582	-0,019	0,286
CHR9	2030701	CHR9:2030701	SSF x Far_LoA	-2,822	-0,248	0,284
CHR9	2046785	CHR9:2046785	SSF x Far_LoA	-11,300	-0,012	0,295
CHR9	2047180	CHR9:2047180	SSF x Far_LoA	-8,638	0,075	0,278
CHR9	2052231	CHR9:2052231	SSF x Far_LoA	-10,100	-0,056	0,288
CHR9	2052241	CHR9:2052241	SSF x Far_LoA	-9,753	0,071	0,291
CHR9	2060449	CHR9:2060449	SSF x Far_LoA	-4,871	0,190	0,273
CHR9	2060570	CHR9:2060570	SSF x Far_LoA	-9,718	-0,139	0,266
CHR9	2061884	CHR9:2061884	SSF x Far_LoA	-10,582	-0,027	0,290
CHR9	2061921	CHR9:2061921	SSF x Far_LoA	-10,026	-0,092	0,293
CHR9	2061982	CHR9:2061982	SSF x Far_LoA	-7,199	0,026	0,284
CHR9	2064176	CHR9:2064176	SSF x Far_LoA	-8,945	0,009	0,301
CHR9	2064310	CHR9:2064310	SSF x Far_LoA	-10,927	-0,043	0,306
CHR9	2066952	CHR9:2066952	SSF x Far_LoA	-9,396	-0,082	0,281
CHR9	2067124	CHR9:2067124	SSF x Far_LoA	-9,636	0,079	0,280
CHR9	2067144	CHR9:2067144	SSF x Far_LoA	-7,744	0,078	0,282
CHR9	2067932	CHR9:2067932	SSF x Far_LoA	-9,941	0,073	0,289
CHR9	2068057	CHR9:2068057	SSF x Far_LoA	-10,546	0,059	0,273

CHR9	2068091	CHR9:2068091	SSF x Far_LoA	-8,674	0,012	0,286
CHR9	2070672	CHR9:2070672	SSF x Far_LoA	-10,874	0,025	0,305
CHR9	2070717	CHR9:2070717	SSF x Far_LoA	-11,817	-0,059	0,291
CHR9	2073542	CHR9:2073542	SSF x Far_LoA	-9,846	-0,070	0,291
CHR9	2073584	CHR9:2073584	SSF x Far_LoA	-9,078	-0,074	0,284
CHR9	2073595	CHR9:2073595	SSF x Far_LoA	-9,230	0,010	0,286
CHR9	2073909	CHR9:2073909	SSF x Far_LoA	-9,051	-0,002	0,296
CHR9	2073935	CHR9:2073935	SSF x Far_LoA	-8,948	-0,019	0,305
CHR9	2074004	CHR9:2074004	SSF x Far_LoA	-7,969	0,135	0,297
CHR9	2074005	CHR9:2074005	SSF x Far_LoA	-11,540	-0,015	0,300
CHR9	2074023	CHR9:2074023	SSF x Far_LoA	-11,080	-0,025	0,302
CHR9	2075356	CHR9:2075356	SSF x Far_LoA	-6,664	-0,022	0,300
CHR9	2078053	CHR9:2078053	SSF x Far_LoA	-8,270	-0,133	0,282
CHR9	2078152	CHR9:2078152	SSF x Far_LoA	-7,481	-0,019	0,271
CHR9	2078157	CHR9:2078157	SSF x Far_LoA	-8,786	-0,049	0,285
CHR9	2079141	CHR9:2079141	SSF x Far_LoA	-10,802	-0,073	0,283
CHR9	2088679	CHR9:2088679	SSF x Far_LoA	-9,182	-0,064	0,302
CHR9	2088748	CHR9:2088748	SSF x Far_LoA	-10,571	0,001	0,283
CHR9	2088763	CHR9:2088763	SSF x Far_LoA	-7,455	-0,014	0,280
CHR9	2088847	CHR9:2088847	SSF x Far_LoA	-10,774	0,078	0,285
CHR9	2098263	CHR9:2098263	SSF x Far_LoA	-11,400	0,088	0,293
CHR9	2098338	CHR9:2098338	SSF x Far_LoA	-11,149	0,022	0,279
CHR9	2098385	CHR9:2098385	SSF x Far_LoA	-11,074	-0,094	0,286
CHR9	2112984	CHR9:2112984	SSF x Far_LoA	-11,338	-0,034	0,300
CHR9	2113250	CHR9:2113250	SSF x Far_LoA	-0,145	-0,300	0,278
CHR9	2113251	CHR9:2113251	SSF x Far_LoA	-3,095	-0,264	0,268
CHR9	2113254	CHR9:2113254	SSF x Far_LoA	-4,916	-0,270	0,262
CHR9	2113382	CHR9:2113382	SSF x Far_LoA	-9,228	0,125	0,293
CHR9	2122405	CHR9:2122405	SSF x Far_LoA	-10,591	-0,079	0,289
CHR9	2141626	CHR9:2141626	SSF x Far_LoA	-8,599	0,036	0,280
CHR9	2151067	CHR9:2151067	SSF x Far_LoA	-11,517	-0,081	0,278
CHR9	2151071	CHR9:2151071	SSF x Far_LoA	-2,465	-0,193	0,287
CHR9	2154185	CHR9:2154185	SSF x Far_LoA	-7,326	0,034	0,297
CHR9	2165013	CHR9:2165013	SSF x Far_LoA	-8,298	0,116	0,294
CHR9	2165014	CHR9:2165014	SSF x Far_LoA	-8,708	0,110	0,290
CHR9	2165442	CHR9:2165442	SSF x Far_LoA	-8,660	-0,073	0,271
CHR9	2165459	CHR9:2165459	SSF x Far_LoA	-9,496	0,025	0,285
CHR9	2165473	CHR9:2165473	SSF x Far_LoA	-9,009	0,071	0,285
CHR9	2167397	CHR9:2167397	SSF x Far_LoA	-2,908	0,030	0,297
CHR9	2167521	CHR9:2167521	SSF x Far_LoA	-6,676	0,038	0,291
CHR9	2169798	CHR9:2169798	SSF x Far_LoA	-5,864	0,175	0,281
CHR9	2169816	CHR9:2169816	SSF x Far_LoA	-8,537	0,076	0,294
CHR9	2170071	CHR9:2170071	SSF x Far_LoA	-9,825	-0,125	0,291
CHR9	2173208	CHR9:2173208	SSF x Far_LoA	-9,061	0,037	0,292
CHR9	2176968	CHR9:2176968	SSF x Far_LoA	-4,839	0,220	0,290
CHR9	2176982	CHR9:2176982	SSF x Far_LoA	-11,813	-0,011	0,298
CHR9	2177072	CHR9:2177072	SSF x Far_LoA	-9,994	-0,123	0,273
CHR9	2183980	CHR9:2183980	SSF x Far_LoA	-10,280	-0,001	0,300
CHR9	2186346	CHR9:2186346	SSF x Far_LoA	-10,131	-0,070	0,302
CHR9	2186360	CHR9:2186360	SSF x Far_LoA	-7,988	0,110	0,284
CHR9	2186659	CHR9:2186659	SSF x Far_LoA	-11,165	0,011	0,291
CHR9	2204932	CHR9:2204932	SSF x Far_LoA	-9,485	-0,089	0,282
CHR9	2237190	CHR9:2237190	SSF x Far_LoA	-8,840	0,038	0,306

CHR9	2237281	CHR9:2237281	SSF x Far_LoA	-6,208	-0,003	0,290
CHR9	2237298	CHR9:2237298	SSF x Far_LoA	-9,004	-0,040	0,293
CHR9	2237343	CHR9:2237343	SSF x Far_LoA	-7,548	-0,088	0,291
CHR9	2237406	CHR9:2237406	SSF x Far_LoA	-8,490	0,061	0,304
CHR9	2243818	CHR9:2243818	SSF x Far_LoA	-9,391	-0,054	0,286
CHR9	2243871	CHR9:2243871	SSF x Far_LoA	-8,439	-0,034	0,291
CHR9	2243901	CHR9:2243901	SSF x Far_LoA	-7,652	-0,116	0,287
CHR9	2243909	CHR9:2243909	SSF x Far_LoA	-9,698	-0,052	0,300
CHR9	2243943	CHR9:2243943	SSF x Far_LoA	-9,429	0,089	0,292
CHR9	2244080	CHR9:2244080	SSF x Far_LoA	-8,916	-0,071	0,300
CHR9	2256267	CHR9:2256267	SSF x Far_LoA	-9,894	-0,136	0,295
CHR9	2256592	CHR9:2256592	SSF x Far_LoA	-10,194	-0,028	0,287
CHR9	2256622	CHR9:2256622	SSF x Far_LoA	-9,782	0,057	0,299
CHR9	2279686	CHR9:2279686	SSF x Far_LoA	-9,054	-0,152	0,288
CHR9	2279710	CHR9:2279710	SSF x Far_LoA	-6,598	0,067	0,295
CHR9	2279717	CHR9:2279717	SSF x Far_LoA	-8,297	0,065	0,294
CHR9	2285551	CHR9:2285551	SSF x Far_LoA	-8,886	0,084	0,303
CHR9	2285561	CHR9:2285561	SSF x Far_LoA	-4,494	0,037	0,295
CHR9	2285575	CHR9:2285575	SSF x Far_LoA	-11,990	-0,035	0,293
CHR9	2285589	CHR9:2285589	SSF x Far_LoA	-6,035	0,188	0,278
CHR9	2294024	CHR9:2294024	SSF x Far_LoA	-9,628	0,033	0,292
CHR9	2298679	CHR9:2298679	SSF x Far_LoA	-9,876	-0,120	0,287
CHR9	236268	CHR9:236268	SSF x Far_LoA	-7,932	0,119	0,295
CHR9	236349	CHR9:236349	SSF x Far_LoA	-7,045	0,126	0,296
CHR9	2379834	CHR9:2379834	SSF x Far_LoA	-8,094	0,029	0,295
CHR9	2379858	CHR9:2379858	SSF x Far_LoA	-9,057	-0,051	0,299
CHR9	2379915	CHR9:2379915	SSF x Far_LoA	-12,034	0,010	0,276
CHR9	2385961	CHR9:2385961	SSF x Far_LoA	-8,983	0,108	0,293
CHR9	2385990	CHR9:2385990	SSF x Far_LoA	-9,682	0,072	0,281
CHR9	2386002	CHR9:2386002	SSF x Far_LoA	-7,240	-0,113	0,302
CHR9	2386007	CHR9:2386007	SSF x Far_LoA	-8,823	0,010	0,284
CHR9	2386021	CHR9:2386021	SSF x Far_LoA	-9,318	-0,115	0,289
CHR9	2386158	CHR9:2386158	SSF x Far_LoA	-11,261	0,049	0,280
CHR9	2390089	CHR9:2390089	SSF x Far_LoA	-6,969	0,138	0,285
CHR9	2390141	CHR9:2390141	SSF x Far_LoA	-9,443	0,030	0,307
CHR9	2390349	CHR9:2390349	SSF x Far_LoA	-6,980	-0,039	0,291
CHR9	2391520	CHR9:2391520	SSF x Far_LoA	-7,359	-0,088	0,290
CHR9	2392532	CHR9:2392532	SSF x Far_LoA	-10,398	-0,017	0,284
CHR9	2392776	CHR9:2392776	SSF x Far_LoA	-4,875	0,084	0,285
CHR9	2413698	CHR9:2413698	SSF x Far_LoA	-10,353	0,088	0,283
CHR9	2413721	CHR9:2413721	SSF x Far_LoA	-8,555	-0,030	0,295
CHR9	2413738	CHR9:2413738	SSF x Far_LoA	-10,349	-0,022	0,291
CHR9	2413744	CHR9:2413744	SSF x Far_LoA	-7,485	-0,093	0,304
CHR9	2429321	CHR9:2429321	SSF x Far_LoA	-9,066	-0,010	0,295
CHR9	2431339	CHR9:2431339	SSF x Far_LoA	-8,811	0,013	0,296
CHR9	243654	CHR9:243654	SSF x Far_LoA	-9,333	0,044	0,299
CHR9	243799	CHR9:243799	SSF x Far_LoA	-10,344	-0,045	0,298
CHR9	243883	CHR9:243883	SSF x Far_LoA	-8,951	0,006	0,290
CHR9	245506	CHR9:245506	SSF x Far_LoA	-9,198	0,048	0,287
CHR9	245513	CHR9:245513	SSF x Far_LoA	-9,936	-0,002	0,267
CHR9	245601	CHR9:245601	SSF x Far_LoA	-7,204	0,022	0,284
CHR9	2510105	CHR9:2510105	SSF x Far_LoA	-10,977	-0,019	0,288
CHR9	2510144	CHR9:2510144	SSF x Far_LoA	-7,176	-0,055	0,308

CHR9	2510171	CHR9:2510171	SSF x Far_LoA	-10,387	-0,062	0,299
CHR9	2510373	CHR9:2510373	SSF x Far_LoA	-11,033	0,006	0,308
CHR9	2510398	CHR9:2510398	SSF x Far_LoA	-7,202	-0,008	0,280
CHR9	2510413	CHR9:2510413	SSF x Far_LoA	-9,632	0,142	0,282
CHR9	2510414	CHR9:2510414	SSF x Far_LoA	-8,256	-0,001	0,286
CHR9	2510420	CHR9:2510420	SSF x Far_LoA	-8,009	-0,116	0,282
CHR9	2545279	CHR9:2545279	SSF x Far_LoA	-8,922	-0,055	0,296
CHR9	2545292	CHR9:2545292	SSF x Far_LoA	-9,236	0,024	0,300
CHR9	2552434	CHR9:2552434	SSF x Far_LoA	-8,424	-0,141	0,298
CHR9	2552437	CHR9:2552437	SSF x Far_LoA	-10,472	0,050	0,306
CHR9	2567870	CHR9:2567870	SSF x Far_LoA	-8,545	-0,065	0,292
CHR9	277392	CHR9:277392	SSF x Far_LoA	-10,218	0,047	0,284
CHR9	277498	CHR9:277498	SSF x Far_LoA	-9,813	0,046	0,286
CHR9	277515	CHR9:277515	SSF x Far_LoA	-10,035	0,038	0,296
CHR9	277523	CHR9:277523	SSF x Far_LoA	-10,241	-0,037	0,287
CHR9	280523	CHR9:280523	SSF x Far_LoA	-6,514	0,009	0,291
CHR9	280534	CHR9:280534	SSF x Far_LoA	-8,887	-0,022	0,302
CHR9	307841	CHR9:307841	SSF x Far_LoA	-7,646	0,036	0,301
CHR9	307857	CHR9:307857	SSF x Far_LoA	-9,376	0,074	0,294
CHR9	322387	CHR9:322387	SSF x Far_LoA	-6,893	0,031	0,295
CHR9	322421	CHR9:322421	SSF x Far_LoA	-7,999	-0,060	0,307
CHR9	322447	CHR9:322447	SSF x Far_LoA	-6,548	-0,070	0,304
CHR9	322493	CHR9:322493	SSF x Far_LoA	-8,877	-0,095	0,296
CHR9	322517	CHR9:322517	SSF x Far_LoA	-10,029	-0,012	0,309
CHR9	335571	CHR9:335571	SSF x Far_LoA	-8,891	0,013	0,280
CHR9	335637	CHR9:335637	SSF x Far_LoA	-1,399	-0,176	0,290
CHR9	335921	CHR9:335921	SSF x Far_LoA	-10,440	0,015	0,289
CHR9	339192	CHR9:339192	SSF x Far_LoA	-9,946	-0,117	0,294
CHR9	339233	CHR9:339233	SSF x Far_LoA	-11,884	0,033	0,283
CHR9	341270	CHR9:341270	SSF x Far_LoA	-8,836	-0,055	0,288
CHR9	341342	CHR9:341342	SSF x Far_LoA	-8,407	0,143	0,278
CHR9	361938	CHR9:361938	SSF x Far_LoA	-8,957	0,009	0,286
CHR9	385992	CHR9:385992	SSF x Far_LoA	-8,614	-0,135	0,288
CHR9	398349	CHR9:398349	SSF x Far_LoA	-10,984	-0,057	0,296
CHR9	398592	CHR9:398592	SSF x Far_LoA	-9,126	0,066	0,298
CHR9	480659	CHR9:480659	SSF x Far_LoA	-11,608	0,004	0,297
CHR9	480830	CHR9:480830	SSF x Far_LoA	-9,656	0,038	0,302
CHR9	480842	CHR9:480842	SSF x Far_LoA	-8,382	-0,150	0,299
CHR9	480845	CHR9:480845	SSF x Far_LoA	-11,029	0,058	0,299
CHR9	498878	CHR9:498878	SSF x Far_LoA	-9,062	0,002	0,293
CHR9	498879	CHR9:498879	SSF x Far_LoA	-10,810	-0,002	0,284
CHR9	498884	CHR9:498884	SSF x Far_LoA	-9,692	0,003	0,297
CHR9	498901	CHR9:498901	SSF x Far_LoA	-10,314	-0,076	0,284
CHR9	507011	CHR9:507011	SSF x Far_LoA	-10,299	0,103	0,286
CHR9	507152	CHR9:507152	SSF x Far_LoA	-6,690	0,091	0,301
CHR9	507317	CHR9:507317	SSF x Far_LoA	-6,985	0,025	0,288
CHR9	507369	CHR9:507369	SSF x Far_LoA	-10,871	0,087	0,301
CHR9	510558	CHR9:510558	SSF x Far_LoA	-10,246	-0,089	0,288
CHR9	510756	CHR9:510756	SSF x Far_LoA	-11,039	-0,083	0,293
CHR9	510945	CHR9:510945	SSF x Far_LoA	-11,352	0,014	0,287
CHR9	536856	CHR9:536856	SSF x Far_LoA	-10,363	-0,001	0,292
CHR9	546302	CHR9:546302	SSF x Far_LoA	-2,698	0,254	0,273
CHR9	55720	CHR9:55720	SSF x Far_LoA	-11,131	-0,025	0,282

CHR9	559482	CHR9:559482	SSF x Far_LoA	-7,103	-0,005	0,280
CHR9	559559	CHR9:559559	SSF x Far_LoA	-7,821	0,132	0,295
CHR9	559644	CHR9:559644	SSF x Far_LoA	-8,195	0,039	0,293
CHR9	564233	CHR9:564233	SSF x Far_LoA	-7,199	-0,130	0,293
CHR9	564373	CHR9:564373	SSF x Far_LoA	-9,002	-0,066	0,269
CHR9	566220	CHR9:566220	SSF x Far_LoA	-12,232	-0,020	0,295
CHR9	566290	CHR9:566290	SSF x Far_LoA	-10,557	-0,003	0,302
CHR9	606175	CHR9:606175	SSF x Far_LoA	-3,851	0,141	0,299
CHR9	613703	CHR9:613703	SSF x Far_LoA	-8,163	0,052	0,273
CHR9	613920	CHR9:613920	SSF x Far_LoA	-8,657	-0,085	0,293
CHR9	613925	CHR9:613925	SSF x Far_LoA	-7,825	-0,091	0,300
CHR9	6184020	CHR9:6184020	SSF x Far_LoA	-11,208	0,012	0,283
CHR9	620290	CHR9:620290	SSF x Far_LoA	-10,405	-0,049	0,291
CHR9	620429	CHR9:620429	SSF x Far_LoA	-7,640	-0,131	0,287
CHR9	620549	CHR9:620549	SSF x Far_LoA	-8,410	0,025	0,288
CHR9	6207648	CHR9:6207648	SSF x Far_LoA	-6,886	-0,024	0,270
CHR9	627079	CHR9:627079	SSF x Far_LoA	-8,617	0,054	0,294
CHR9	6270940	CHR9:6270940	SSF x Far_LoA	-9,364	-0,008	0,303
CHR9	627147	CHR9:627147	SSF x Far_LoA	-10,109	0,027	0,286
CHR9	627156	CHR9:627156	SSF x Far_LoA	-8,095	0,074	0,293
CHR9	627167	CHR9:627167	SSF x Far_LoA	-7,759	-0,087	0,291
CHR9	627186	CHR9:627186	SSF x Far_LoA	-4,878	-0,125	0,303
CHR9	627206	CHR9:627206	SSF x Far_LoA	-7,017	-0,149	0,292
CHR9	627265	CHR9:627265	SSF x Far_LoA	-8,880	-0,011	0,295
CHR9	6280900	CHR9:6280900	SSF x Far_LoA	-6,358	0,128	0,301
CHR9	6280966	CHR9:6280966	SSF x Far_LoA	-7,654	-0,007	0,299
CHR9	6281103	CHR9:6281103	SSF x Far_LoA	-8,451	0,121	0,284
CHR9	6295138	CHR9:6295138	SSF x Far_LoA	-10,547	-0,127	0,289
CHR9	6310591	CHR9:6310591	SSF x Far_LoA	-11,456	0,007	0,289
CHR9	6318985	CHR9:6318985	SSF x Far_LoA	-9,823	-0,049	0,284
CHR9	6319030	CHR9:6319030	SSF x Far_LoA	-8,856	-0,060	0,255
CHR9	6325492	CHR9:6325492	SSF x Far_LoA	-9,273	-0,005	0,295
CHR9	6325641	CHR9:6325641	SSF x Far_LoA	-10,451	0,042	0,287
CHR9	6355447	CHR9:6355447	SSF x Far_LoA	-8,591	0,064	0,294
CHR9	6355462	CHR9:6355462	SSF x Far_LoA	-11,794	0,015	0,278
CHR9	6355480	CHR9:6355480	SSF x Far_LoA	-8,211	-0,070	0,297
CHR9	6355517	CHR9:6355517	SSF x Far_LoA	-8,183	0,001	0,320
CHR9	6355541	CHR9:6355541	SSF x Far_LoA	-8,199	-0,012	0,303
CHR9	6362206	CHR9:6362206	SSF x Far_LoA	-9,086	0,020	0,291
CHR9	6362261	CHR9:6362261	SSF x Far_LoA	-6,168	0,136	0,285
CHR9	6367433	CHR9:6367433	SSF x Far_LoA	-4,545	0,193	0,279
CHR9	6373433	CHR9:6373433	SSF x Far_LoA	-10,253	-0,074	0,270
CHR9	6373459	CHR9:6373459	SSF x Far_LoA	-7,564	-0,116	0,285
CHR9	6392796	CHR9:6392796	SSF x Far_LoA	-8,646	0,094	0,291
CHR9	6392854	CHR9:6392854	SSF x Far_LoA	-11,404	-0,069	0,282
CHR9	6392875	CHR9:6392875	SSF x Far_LoA	-11,157	-0,061	0,290
CHR9	6393402	CHR9:6393402	SSF x Far_LoA	-12,490	0,009	0,286
CHR9	6404217	CHR9:6404217	SSF x Far_LoA	-8,098	0,054	0,287
CHR9	6404315	CHR9:6404315	SSF x Far_LoA	-8,631	0,032	0,273
CHR9	6420039	CHR9:6420039	SSF x Far_LoA	-6,953	-0,090	0,290
CHR9	6420267	CHR9:6420267	SSF x Far_LoA	-7,350	-0,148	0,287
CHR9	6427400	CHR9:6427400	SSF x Far_LoA	-10,021	0,150	0,290
CHR9	6427493	CHR9:6427493	SSF x Far_LoA	-8,296	-0,018	0,285

CHR9	6427584	CHR9:6427584	SSF x Far_LoA	-8,108	-0,038	0,282
CHR9	6427598	CHR9:6427598	SSF x Far_LoA	-8,682	-0,011	0,301
CHR9	6436819	CHR9:6436819	SSF x Far_LoA	-9,350	0,060	0,271
CHR9	6464506	CHR9:6464506	SSF x Far_LoA	-10,139	-0,074	0,266
CHR9	6464542	CHR9:6464542	SSF x Far_LoA	-10,835	0,042	0,297
CHR9	6469909	CHR9:6469909	SSF x Far_LoA	-9,072	-0,042	0,283
CHR9	6470060	CHR9:6470060	SSF x Far_LoA	-5,158	-0,130	0,291
CHR9	6486425	CHR9:6486425	SSF x Far_LoA	-7,391	-0,111	0,296
CHR9	6486444	CHR9:6486444	SSF x Far_LoA	-7,660	-0,049	0,291
CHR9	6486457	CHR9:6486457	SSF x Far_LoA	-8,083	-0,093	0,293
CHR9	6486465	CHR9:6486465	SSF x Far_LoA	-8,687	-0,111	0,301
CHR9	6495002	CHR9:6495002	SSF x Far_LoA	-9,111	-0,127	0,287
CHR9	6495009	CHR9:6495009	SSF x Far_LoA	-9,711	0,037	0,292
CHR9	6500965	CHR9:6500965	SSF x Far_LoA	-9,282	-0,066	0,296
CHR9	6506131	CHR9:6506131	SSF x Far_LoA	-11,923	-0,007	0,292
CHR9	6512674	CHR9:6512674	SSF x Far_LoA	-10,321	-0,071	0,285
CHR9	6533003	CHR9:6533003	SSF x Far_LoA	-11,150	0,027	0,299
CHR9	6533074	CHR9:6533074	SSF x Far_LoA	-9,214	0,064	0,294
CHR9	6536067	CHR9:6536067	SSF x Far_LoA	-11,158	-0,012	0,280
CHR9	6536197	CHR9:6536197	SSF x Far_LoA	-3,510	0,255	0,256
CHR9	6538146	CHR9:6538146	SSF x Far_LoA	-12,781	0,007	0,288
CHR9	6541854	CHR9:6541854	SSF x Far_LoA	-9,901	0,014	0,287
CHR9	6541950	CHR9:6541950	SSF x Far_LoA	-9,696	-0,028	0,293
CHR9	6555211	CHR9:6555211	SSF x Far_LoA	-4,812	0,105	0,288
CHR9	6555428	CHR9:6555428	SSF x Far_LoA	-10,239	0,072	0,284
CHR9	6583217	CHR9:6583217	SSF x Far_LoA	-9,503	-0,127	0,280
CHR9	6583279	CHR9:6583279	SSF x Far_LoA	-9,206	-0,001	0,297
CHR9	6583400	CHR9:6583400	SSF x Far_LoA	-9,933	0,002	0,297
CHR9	6587755	CHR9:6587755	SSF x Far_LoA	-11,688	-0,052	0,270
CHR9	6587824	CHR9:6587824	SSF x Far_LoA	-7,754	-0,143	0,282
CHR9	6587939	CHR9:6587939	SSF x Far_LoA	-3,061	-0,134	0,286
CHR9	6587954	CHR9:6587954	SSF x Far_LoA	-10,051	0,019	0,296
CHR9	6622753	CHR9:6622753	SSF x Far_LoA	-9,560	0,131	0,275
CHR9	6626887	CHR9:6626887	SSF x Far_LoA	-11,040	-0,089	0,292
CHR9	6626910	CHR9:6626910	SSF x Far_LoA	-11,048	0,054	0,291
CHR9	6640958	CHR9:6640958	SSF x Far_LoA	-7,241	-0,162	0,295
CHR9	6640959	CHR9:6640959	SSF x Far_LoA	-10,706	0,153	0,264
CHR9	6640990	CHR9:6640990	SSF x Far_LoA	-10,463	0,121	0,276
CHR9	6640998	CHR9:6640998	SSF x Far_LoA	-7,845	0,030	0,295
CHR9	6641126	CHR9:6641126	SSF x Far_LoA	-10,280	-0,023	0,293
CHR9	6653420	CHR9:6653420	SSF x Far_LoA	-8,629	-0,031	0,303
CHR9	6655537	CHR9:6655537	SSF x Far_LoA	-8,696	0,041	0,297
CHR9	6655548	CHR9:6655548	SSF x Far_LoA	-10,075	0,049	0,287
CHR9	6655579	CHR9:6655579	SSF x Far_LoA	-6,683	-0,026	0,293
CHR9	6655624	CHR9:6655624	SSF x Far_LoA	-11,313	-0,022	0,291
CHR9	6655666	CHR9:6655666	SSF x Far_LoA	-10,421	-0,010	0,290
CHR9	6696534	CHR9:6696534	SSF x Far_LoA	-10,889	-0,067	0,293
CHR9	6696535	CHR9:6696535	SSF x Far_LoA	-9,613	-0,066	0,286
CHR9	6705253	CHR9:6705253	SSF x Far_LoA	-9,326	0,084	0,295
CHR9	6709689	CHR9:6709689	SSF x Far_LoA	-10,740	-0,121	0,276
CHR9	6709803	CHR9:6709803	SSF x Far_LoA	-7,389	-0,176	0,275
CHR9	6709826	CHR9:6709826	SSF x Far_LoA	-10,799	0,039	0,301
CHR9	6709862	CHR9:6709862	SSF x Far_LoA	-10,635	0,042	0,300

CHR9	6757527	CHR9:6757527	SSF x Far_LoA	-9,239	-0,067	0,289
CHR9	6757621	CHR9:6757621	SSF x Far_LoA	-9,537	-0,144	0,288
CHR9	6766217	CHR9:6766217	SSF x Far_LoA	-10,812	-0,066	0,272
CHR9	6766334	CHR9:6766334	SSF x Far_LoA	-11,855	0,054	0,295
CHR9	6766366	CHR9:6766366	SSF x Far_LoA	-9,097	0,032	0,289
CHR9	6770035	CHR9:6770035	SSF x Far_LoA	-10,567	0,036	0,292
CHR9	6770076	CHR9:6770076	SSF x Far_LoA	-4,727	-0,031	0,306
CHR9	6770083	CHR9:6770083	SSF x Far_LoA	-9,567	-0,089	0,285
CHR9	6777513	CHR9:6777513	SSF x Far_LoA	-10,504	0,113	0,279
CHR9	6777687	CHR9:6777687	SSF x Far_LoA	-8,962	-0,068	0,283
CHR9	6799002	CHR9:6799002	SSF x Far_LoA	-9,623	0,037	0,306
CHR9	6799179	CHR9:6799179	SSF x Far_LoA	-8,371	-0,077	0,297
CHR9	6825059	CHR9:6825059	SSF x Far_LoA	-9,945	-0,002	0,276
CHR9	6851183	CHR9:6851183	SSF x Far_LoA	-11,090	0,112	0,282
CHR9	6881778	CHR9:6881778	SSF x Far_LoA	-10,511	0,006	0,295
CHR9	6881987	CHR9:6881987	SSF x Far_LoA	-8,221	0,017	0,285
CHR9	6901637	CHR9:6901637	SSF x Far_LoA	-6,629	0,000	0,301
CHR9	6901648	CHR9:6901648	SSF x Far_LoA	-10,584	-0,018	0,293
CHR9	6901805	CHR9:6901805	SSF x Far_LoA	-10,675	0,039	0,295
CHR9	6901820	CHR9:6901820	SSF x Far_LoA	-10,220	0,027	0,298
CHR9	6935633	CHR9:6935633	SSF x Far_LoA	-8,759	-0,049	0,308
CHR9	7019913	CHR9:7019913	SSF x Far_LoA	-10,392	-0,059	0,298
CHR9	7078413	CHR9:7078413	SSF x Far_LoA	-10,411	-0,017	0,268
CHR9	7152034	CHR9:7152034	SSF x Far_LoA	-8,059	-0,078	0,290
CHR9	7152060	CHR9:7152060	SSF x Far_LoA	-8,797	0,026	0,305
CHR9	7153266	CHR9:7153266	SSF x Far_LoA	-4,860	0,131	0,293
CHR9	7153354	CHR9:7153354	SSF x Far_LoA	-10,215	0,176	0,280
CHR9	7153475	CHR9:7153475	SSF x Far_LoA	-9,087	0,079	0,305
CHR9	7153487	CHR9:7153487	SSF x Far_LoA	-10,784	-0,003	0,286
CHR9	7153515	CHR9:7153515	SSF x Far_LoA	-11,488	0,044	0,282
CHR9	7184375	CHR9:7184375	SSF x Far_LoA	-9,426	0,004	0,294
CHR9	7203784	CHR9:7203784	SSF x Far_LoA	-8,344	-0,022	0,297
CHR9	7203905	CHR9:7203905	SSF x Far_LoA	-9,319	-0,018	0,277
CHR9	7208530	CHR9:7208530	SSF x Far_LoA	-7,776	-0,089	0,300
CHR9	7208618	CHR9:7208618	SSF x Far_LoA	-10,425	-0,020	0,282
CHR9	7209798	CHR9:7209798	SSF x Far_LoA	-11,222	-0,042	0,288
CHR9	7209814	CHR9:7209814	SSF x Far_LoA	-9,113	-0,074	0,304
CHR9	7209857	CHR9:7209857	SSF x Far_LoA	-11,548	-0,036	0,286
CHR9	7213317	CHR9:7213317	SSF x Far_LoA	-9,717	-0,071	0,292
CHR9	7213656	CHR9:7213656	SSF x Far_LoA	-11,141	0,068	0,298
CHR9	7213692	CHR9:7213692	SSF x Far_LoA	-8,377	0,061	0,294
CHR9	7217375	CHR9:7217375	SSF x Far_LoA	-9,195	0,076	0,287
CHR9	7222106	CHR9:7222106	SSF x Far_LoA	-5,562	-0,106	0,284
CHR9	7223648	CHR9:7223648	SSF x Far_LoA	-7,232	0,099	0,288
CHR9	7223723	CHR9:7223723	SSF x Far_LoA	-11,202	0,042	0,296
CHR9	7239602	CHR9:7239602	SSF x Far_LoA	-8,663	0,099	0,272
CHR9	7239719	CHR9:7239719	SSF x Far_LoA	-12,335	0,033	0,290
CHR9	7239744	CHR9:7239744	SSF x Far_LoA	-7,795	-0,040	0,300
CHR9	7239757	CHR9:7239757	SSF x Far_LoA	-11,615	-0,063	0,287
CHR9	7247615	CHR9:7247615	SSF x Far_LoA	-6,940	0,087	0,293
CHR9	7247759	CHR9:7247759	SSF x Far_LoA	-9,930	-0,015	0,280
CHR9	7247768	CHR9:7247768	SSF x Far_LoA	-9,456	-0,044	0,291
CHR9	7247788	CHR9:7247788	SSF x Far_LoA	-10,822	-0,008	0,286

CHR9	7247791	CHR9:7247791	SSF x Far_LoA	-11,572	0,016	0,276
CHR9	7247795	CHR9:7247795	SSF x Far_LoA	-10,709	-0,031	0,301
CHR9	7247800	CHR9:7247800	SSF x Far_LoA	-8,684	-0,035	0,294
CHR9	7247826	CHR9:7247826	SSF x Far_LoA	-10,709	-0,033	0,280
CHR9	7247884	CHR9:7247884	SSF x Far_LoA	-8,991	0,057	0,291
CHR9	7247922	CHR9:7247922	SSF x Far_LoA	-9,616	-0,057	0,289
CHR9	7247966	CHR9:7247966	SSF x Far_LoA	-7,638	0,073	0,288
CHR9	7257697	CHR9:7257697	SSF x Far_LoA	-8,425	0,065	0,297
CHR9	7257706	CHR9:7257706	SSF x Far_LoA	-9,076	0,095	0,274
CHR9	7260817	CHR9:7260817	SSF x Far_LoA	-8,631	0,144	0,291
CHR9	7260884	CHR9:7260884	SSF x Far_LoA	-12,338	-0,038	0,293
CHR9	7261010	CHR9:7261010	SSF x Far_LoA	-10,832	-0,088	0,292
CHR9	7261060	CHR9:7261060	SSF x Far_LoA	-8,244	-0,053	0,294
CHR9	7261115	CHR9:7261115	SSF x Far_LoA	-8,441	-0,040	0,299
CHR9	7279537	CHR9:7279537	SSF x Far_LoA	-9,747	0,177	0,277
CHR9	7279924	CHR9:7279924	SSF x Far_LoA	-10,023	0,063	0,285
CHR9	7280002	CHR9:7280002	SSF x Far_LoA	-7,893	0,126	0,289
CHR9	7286612	CHR9:7286612	SSF x Far_LoA	-0,595	0,137	0,273
CHR9	7286640	CHR9:7286640	SSF x Far_LoA	-6,239	0,097	0,292
CHR9	7307487	CHR9:7307487	SSF x Far_LoA	-8,328	-0,103	0,293
CHR9	7344380	CHR9:7344380	SSF x Far_LoA	-7,545	0,098	0,292
CHR9	7344381	CHR9:7344381	SSF x Far_LoA	-10,260	0,039	0,299
CHR9	7344433	CHR9:7344433	SSF x Far_LoA	-8,766	0,040	0,291
CHR9	7344454	CHR9:7344454	SSF x Far_LoA	-9,605	0,084	0,292
CHR9	7344731	CHR9:7344731	SSF x Far_LoA	-9,244	0,019	0,301
CHR9	7353697	CHR9:7353697	SSF x Far_LoA	-8,266	-0,112	0,288
CHR9	7355805	CHR9:7355805	SSF x Far_LoA	-8,944	0,030	0,295
CHR9	7355870	CHR9:7355870	SSF x Far_LoA	-8,533	0,039	0,310
CHR9	7367291	CHR9:7367291	SSF x Far_LoA	-10,342	-0,074	0,301
CHR9	7384726	CHR9:7384726	SSF x Far_LoA	-6,040	0,116	0,295
CHR9	7384817	CHR9:7384817	SSF x Far_LoA	-10,294	0,002	0,309
CHR9	7405941	CHR9:7405941	SSF x Far_LoA	-9,135	-0,051	0,288
CHR9	7425005	CHR9:7425005	SSF x Far_LoA	-5,956	-0,070	0,285
CHR9	7425026	CHR9:7425026	SSF x Far_LoA	-8,833	-0,081	0,294
CHR9	7425115	CHR9:7425115	SSF x Far_LoA	-8,464	-0,010	0,287
CHR9	7425187	CHR9:7425187	SSF x Far_LoA	-4,139	0,020	0,293
CHR9	7427003	CHR9:7427003	SSF x Far_LoA	-10,249	0,046	0,300
CHR9	7429455	CHR9:7429455	SSF x Far_LoA	-10,651	-0,001	0,287
CHR9	7429483	CHR9:7429483	SSF x Far_LoA	-7,624	0,127	0,268
CHR9	7471874	CHR9:7471874	SSF x Far_LoA	-4,697	-0,131	0,296
CHR9	7471968	CHR9:7471968	SSF x Far_LoA	-10,589	-0,009	0,283
CHR9	7472016	CHR9:7472016	SSF x Far_LoA	-8,514	-0,054	0,290
CHR9	7472024	CHR9:7472024	SSF x Far_LoA	-10,692	-0,045	0,293
CHR9	7472026	CHR9:7472026	SSF x Far_LoA	-10,710	-0,016	0,296
CHR9	7472044	CHR9:7472044	SSF x Far_LoA	-7,242	0,074	0,297
CHR9	7472049	CHR9:7472049	SSF x Far_LoA	-10,423	-0,030	0,300
CHR9	7472052	CHR9:7472052	SSF x Far_LoA	-9,950	-0,027	0,287
CHR9	7472065	CHR9:7472065	SSF x Far_LoA	-10,204	-0,018	0,274
CHR9	7476251	CHR9:7476251	SSF x Far_LoA	-6,706	0,121	0,278
CHR9	7476267	CHR9:7476267	SSF x Far_LoA	-7,606	0,045	0,298
CHR9	7476315	CHR9:7476315	SSF x Far_LoA	-10,698	-0,023	0,286
CHR9	7476370	CHR9:7476370	SSF x Far_LoA	-9,123	0,038	0,286
CHR9	7476417	CHR9:7476417	SSF x Far_LoA	-10,822	-0,004	0,279

CHR9	7498757	CHR9:7498757	SSF x Far_LoA	-8,883	0,194	0,266
CHR9	7498833	CHR9:7498833	SSF x Far_LoA	-8,651	0,077	0,287
CHR9	7498856	CHR9:7498856	SSF x Far_LoA	-11,567	-0,044	0,289
CHR9	7499652	CHR9:7499652	SSF x Far_LoA	-8,338	0,012	0,298
CHR9	7501336	CHR9:7501336	SSF x Far_LoA	-8,964	0,093	0,296
CHR9	7501451	CHR9:7501451	SSF x Far_LoA	-7,984	-0,055	0,297
CHR9	7501480	CHR9:7501480	SSF x Far_LoA	-7,383	-0,086	0,293
CHR9	7512911	CHR9:7512911	SSF x Far_LoA	-10,778	0,002	0,280
CHR9	7513117	CHR9:7513117	SSF x Far_LoA	-9,074	0,184	0,297
CHR9	7513241	CHR9:7513241	SSF x Far_LoA	-7,271	-0,041	0,302
CHR9	7519951	CHR9:7519951	SSF x Far_LoA	-10,475	-0,011	0,279
CHR9	7519990	CHR9:7519990	SSF x Far_LoA	-8,861	0,084	0,284
CHR9	7520044	CHR9:7520044	SSF x Far_LoA	-8,911	-0,002	0,289
CHR9	7520152	CHR9:7520152	SSF x Far_LoA	-8,215	0,065	0,293
CHR9	7520216	CHR9:7520216	SSF x Far_LoA	-10,230	0,068	0,304
CHR9	7536163	CHR9:7536163	SSF x Far_LoA	-10,580	0,058	0,283
CHR9	7536219	CHR9:7536219	SSF x Far_LoA	-8,205	-0,085	0,283
CHR9	7536221	CHR9:7536221	SSF x Far_LoA	-7,242	-0,024	0,287
CHR9	7536222	CHR9:7536222	SSF x Far_LoA	-9,349	-0,034	0,287
CHR9	7536223	CHR9:7536223	SSF x Far_LoA	-9,204	-0,033	0,282
CHR9	7536253	CHR9:7536253	SSF x Far_LoA	-9,820	0,064	0,300
CHR9	7536289	CHR9:7536289	SSF x Far_LoA	-9,093	-0,053	0,295
CHR9	7555512	CHR9:7555512	SSF x Far_LoA	-8,107	0,142	0,282
CHR9	7568989	CHR9:7568989	SSF x Far_LoA	-11,001	-0,009	0,286
CHR9	7569036	CHR9:7569036	SSF x Far_LoA	-8,930	-0,039	0,303
CHR9	7569054	CHR9:7569054	SSF x Far_LoA	-10,260	0,142	0,278
CHR9	7584633	CHR9:7584633	SSF x Far_LoA	-12,003	-0,035	0,284
CHR9	7584732	CHR9:7584732	SSF x Far_LoA	-6,548	-0,111	0,294
CHR9	7584794	CHR9:7584794	SSF x Far_LoA	-10,761	-0,105	0,288
CHR9	7584824	CHR9:7584824	SSF x Far_LoA	-9,768	-0,089	0,295
CHR9	7584891	CHR9:7584891	SSF x Far_LoA	-9,684	0,079	0,277
CHR9	7599701	CHR9:7599701	SSF x Far_LoA	-10,503	0,028	0,289
CHR9	7599709	CHR9:7599709	SSF x Far_LoA	-9,248	0,006	0,297
CHR9	7599809	CHR9:7599809	SSF x Far_LoA	-9,687	-0,030	0,279
CHR9	7628988	CHR9:7628988	SSF x Far_LoA	-9,223	-0,030	0,277
CHR9	7629007	CHR9:7629007	SSF x Far_LoA	-8,868	0,001	0,284
CHR9	7629022	CHR9:7629022	SSF x Far_LoA	-9,457	0,014	0,289
CHR9	7629035	CHR9:7629035	SSF x Far_LoA	-7,619	-0,027	0,267
CHR9	7629042	CHR9:7629042	SSF x Far_LoA	0,518	0,001	0,301
CHR9	7629115	CHR9:7629115	SSF x Far_LoA	-9,754	-0,022	0,274
CHR9	7629123	CHR9:7629123	SSF x Far_LoA	-8,709	-0,045	0,296
CHR9	7629148	CHR9:7629148	SSF x Far_LoA	-9,685	0,002	0,292
CHR9	7629150	CHR9:7629150	SSF x Far_LoA	-6,910	-0,090	0,279
CHR9	7629188	CHR9:7629188	SSF x Far_LoA	-8,192	-0,080	0,282
CHR9	7693927	CHR9:7693927	SSF x Far_LoA	-4,341	0,152	0,296
CHR9	7703535	CHR9:7703535	SSF x Far_LoA	-6,128	0,070	0,290
CHR9	7704015	CHR9:7704015	SSF x Far_LoA	-8,914	-0,124	0,293
CHR9	7708958	CHR9:7708958	SSF x Far_LoA	-10,859	-0,028	0,295
CHR9	7708979	CHR9:7708979	SSF x Far_LoA	-8,070	-0,079	0,291
CHR9	7709072	CHR9:7709072	SSF x Far_LoA	-9,390	-0,061	0,306
CHR9	7709123	CHR9:7709123	SSF x Far_LoA	-7,162	-0,079	0,316
CHR9	7709165	CHR9:7709165	SSF x Far_LoA	-8,782	-0,033	0,303
CHR9	7710686	CHR9:7710686	SSF x Far_LoA	-7,785	-0,122	0,303

CHR9	7710790	CHR9:7710790	SSF x Far_LoA	-11,390	0,067	0,288
CHR9	7710805	CHR9:7710805	SSF x Far_LoA	-6,508	0,048	0,284
CHR9	7746964	CHR9:7746964	SSF x Far_LoA	-8,798	0,032	0,303
CHR9	7747084	CHR9:7747084	SSF x Far_LoA	-8,988	0,064	0,289
CHR9	7747087	CHR9:7747087	SSF x Far_LoA	-10,597	0,018	0,288
CHR9	7747097	CHR9:7747097	SSF x Far_LoA	-8,426	0,020	0,298
CHR9	7747099	CHR9:7747099	SSF x Far_LoA	-8,422	0,020	0,283
CHR9	7750611	CHR9:7750611	SSF x Far_LoA	-8,174	0,030	0,297
CHR9	7750800	CHR9:7750800	SSF x Far_LoA	-7,615	0,070	0,288
CHR9	7750880	CHR9:7750880	SSF x Far_LoA	-9,150	-0,146	0,287
CHR9	7769417	CHR9:7769417	SSF x Far_LoA	-8,863	0,091	0,306
CHR9	7778303	CHR9:7778303	SSF x Far_LoA	-9,681	0,021	0,297
CHR9	7778471	CHR9:7778471	SSF x Far_LoA	-11,733	0,053	0,298
CHR9	7810767	CHR9:7810767	SSF x Far_LoA	-8,295	0,017	0,307
CHR9	7824116	CHR9:7824116	SSF x Far_LoA	-10,723	0,057	0,298
CHR9	7824208	CHR9:7824208	SSF x Far_LoA	-8,325	-0,051	0,291
CHR9	7824222	CHR9:7824222	SSF x Far_LoA	-10,800	0,015	0,278
CHR9	7824297	CHR9:7824297	SSF x Far_LoA	-9,910	-0,120	0,289
CHR9	7825165	CHR9:7825165	SSF x Far_LoA	-9,912	-0,025	0,305
CHR9	7864157	CHR9:7864157	SSF x Far_LoA	-10,091	-0,115	0,287
CHR9	7864208	CHR9:7864208	SSF x Far_LoA	-11,188	-0,054	0,291
CHR9	7864979	CHR9:7864979	SSF x Far_LoA	-7,683	-0,119	0,288
CHR9	7865038	CHR9:7865038	SSF x Far_LoA	-9,460	-0,034	0,290
CHR9	7865047	CHR9:7865047	SSF x Far_LoA	-8,681	-0,028	0,307
CHR9	7865089	CHR9:7865089	SSF x Far_LoA	-5,250	0,203	0,280
CHR9	7875327	CHR9:7875327	SSF x Far_LoA	-8,699	0,073	0,298
CHR9	7878960	CHR9:7878960	SSF x Far_LoA	-9,732	-0,050	0,306
CHR9	7879036	CHR9:7879036	SSF x Far_LoA	-9,365	-0,015	0,285
CHR9	7879067	CHR9:7879067	SSF x Far_LoA	-11,063	0,045	0,286
CHR9	7879193	CHR9:7879193	SSF x Far_LoA	-9,079	-0,139	0,287
CHR9	7886371	CHR9:7886371	SSF x Far_LoA	-7,685	-0,125	0,277
CHR9	7886509	CHR9:7886509	SSF x Far_LoA	-11,307	-0,120	0,299
CHR9	7918277	CHR9:7918277	SSF x Far_LoA	-9,146	-0,002	0,289
CHR9	7918328	CHR9:7918328	SSF x Far_LoA	-8,977	0,095	0,284
CHR9	7918385	CHR9:7918385	SSF x Far_LoA	-8,492	-0,101	0,277
CHR9	7924	CHR9:7924	SSF x Far_LoA	-6,855	0,003	0,314
CHR9	7933171	CHR9:7933171	SSF x Far_LoA	-10,073	-0,095	0,296
CHR9	7939601	CHR9:7939601	SSF x Far_LoA	-9,627	-0,028	0,293
CHR9	7944395	CHR9:7944395	SSF x Far_LoA	-8,648	-0,060	0,311
CHR9	7944536	CHR9:7944536	SSF x Far_LoA	-11,430	0,033	0,302
CHR9	7944557	CHR9:7944557	SSF x Far_LoA	-10,199	0,020	0,296
CHR9	7946112	CHR9:7946112	SSF x Far_LoA	-7,831	0,055	0,267
CHR9	7949197	CHR9:7949197	SSF x Far_LoA	-6,657	0,041	0,300
CHR9	7949359	CHR9:7949359	SSF x Far_LoA	-11,430	-0,036	0,291
CHR9	7952623	CHR9:7952623	SSF x Far_LoA	-9,793	0,058	0,302
CHR9	7952933	CHR9:7952933	SSF x Far_LoA	-6,540	-0,053	0,280
CHR9	7964841	CHR9:7964841	SSF x Far_LoA	-9,822	0,039	0,281
CHR9	7964858	CHR9:7964858	SSF x Far_LoA	-9,944	0,051	0,276
CHR9	7964930	CHR9:7964930	SSF x Far_LoA	-10,288	0,091	0,271
CHR9	7965015	CHR9:7965015	SSF x Far_LoA	-8,600	-0,028	0,298
CHR9	7965046	CHR9:7965046	SSF x Far_LoA	-11,641	0,038	0,264
CHR9	7967292	CHR9:7967292	SSF x Far_LoA	-8,961	0,014	0,293
CHR9	7978742	CHR9:7978742	SSF x Far_LoA	-8,594	-0,133	0,289

CHR9	7978788	CHR9:7978788	SSF x Far_LoA	-7,762	0,052	0,307
CHR9	7980067	CHR9:7980067	SSF x Far_LoA	-10,261	-0,031	0,293
CHR9	7980140	CHR9:7980140	SSF x Far_LoA	-8,929	-0,034	0,290
CHR9	7983137	CHR9:7983137	SSF x Far_LoA	1,650	-0,198	0,281
CHR9	7983148	CHR9:7983148	SSF x Far_LoA	-11,143	-0,018	0,292
CHR9	7984792	CHR9:7984792	SSF x Far_LoA	-10,642	-0,105	0,294
CHR9	7984803	CHR9:7984803	SSF x Far_LoA	-7,857	0,070	0,295
CHR9	7984843	CHR9:7984843	SSF x Far_LoA	-7,594	-0,022	0,283
CHR9	7984871	CHR9:7984871	SSF x Far_LoA	-8,848	-0,021	0,276
CHR9	7993392	CHR9:7993392	SSF x Far_LoA	-11,432	0,072	0,284
CHR9	8023772	CHR9:8023772	SSF x Far_LoA	-8,972	0,035	0,295
CHR9	8023790	CHR9:8023790	SSF x Far_LoA	-9,037	-0,086	0,289
CHR9	8023898	CHR9:8023898	SSF x Far_LoA	-10,329	0,049	0,276
CHR9	8024016	CHR9:8024016	SSF x Far_LoA	-8,173	-0,053	0,292
CHR9	8024176	CHR9:8024176	SSF x Far_LoA	-10,422	0,083	0,279
CHR9	8052753	CHR9:8052753	SSF x Far_LoA	-8,064	-0,095	0,280
CHR9	8052774	CHR9:8052774	SSF x Far_LoA	-3,606	-0,053	0,296
CHR9	8052779	CHR9:8052779	SSF x Far_LoA	-8,245	-0,036	0,289
CHR9	8052820	CHR9:8052820	SSF x Far_LoA	-8,885	-0,062	0,300
CHR9	8052871	CHR9:8052871	SSF x Far_LoA	-9,261	-0,031	0,292
CHR9	8052908	CHR9:8052908	SSF x Far_LoA	-10,961	-0,054	0,281
CHR9	8052946	CHR9:8052946	SSF x Far_LoA	-9,426	-0,025	0,301
CHR9	8082272	CHR9:8082272	SSF x Far_LoA	-9,071	-0,043	0,299
CHR9	8082276	CHR9:8082276	SSF x Far_LoA	-8,211	0,063	0,302
CHR9	8082314	CHR9:8082314	SSF x Far_LoA	-9,826	-0,035	0,296
CHR9	8082325	CHR9:8082325	SSF x Far_LoA	-8,313	-0,067	0,274
CHR9	8082379	CHR9:8082379	SSF x Far_LoA	-7,491	-0,049	0,283
CHR9	8082409	CHR9:8082409	SSF x Far_LoA	-10,765	0,047	0,290
CHR9	8082438	CHR9:8082438	SSF x Far_LoA	-9,182	-0,048	0,284
CHR9	8084514	CHR9:8084514	SSF x Far_LoA	-7,911	0,002	0,277
CHR9	8084597	CHR9:8084597	SSF x Far_LoA	-8,339	0,083	0,290
CHR9	8108214	CHR9:8108214	SSF x Far_LoA	-7,714	-0,112	0,287
CHR9	8108526	CHR9:8108526	SSF x Far_LoA	-10,620	-0,054	0,301
CHR9	8108550	CHR9:8108550	SSF x Far_LoA	-11,295	0,012	0,296
CHR9	8115442	CHR9:8115442	SSF x Far_LoA	-10,526	-0,041	0,276
CHR9	8115541	CHR9:8115541	SSF x Far_LoA	-12,463	0,003	0,271
CHR9	8115635	CHR9:8115635	SSF x Far_LoA	-8,686	-0,037	0,302
CHR9	8115640	CHR9:8115640	SSF x Far_LoA	-9,005	-0,004	0,310
CHR9	8115709	CHR9:8115709	SSF x Far_LoA	-8,233	0,124	0,295
CHR9	8121986	CHR9:8121986	SSF x Far_LoA	-8,900	0,033	0,287
CHR9	8121995	CHR9:8121995	SSF x Far_LoA	-12,056	0,031	0,285
CHR9	8122002	CHR9:8122002	SSF x Far_LoA	-8,706	-0,010	0,285
CHR9	8122062	CHR9:8122062	SSF x Far_LoA	-7,627	-0,040	0,304
CHR9	8135238	CHR9:8135238	SSF x Far_LoA	-11,859	-0,005	0,293
CHR9	8135270	CHR9:8135270	SSF x Far_LoA	-8,573	-0,069	0,292
CHR9	8135315	CHR9:8135315	SSF x Far_LoA	-8,558	0,088	0,269
CHR9	8135344	CHR9:8135344	SSF x Far_LoA	-11,140	0,128	0,291
CHR9	8135393	CHR9:8135393	SSF x Far_LoA	-10,576	0,143	0,298
CHR9	8135468	CHR9:8135468	SSF x Far_LoA	-9,600	-0,092	0,301
CHR9	8135479	CHR9:8135479	SSF x Far_LoA	-8,200	-0,093	0,290
CHR9	8144860	CHR9:8144860	SSF x Far_LoA	-9,403	-0,070	0,295
CHR9	8144896	CHR9:8144896	SSF x Far_LoA	-6,876	-0,021	0,304
CHR9	8144932	CHR9:8144932	SSF x Far_LoA	-9,987	-0,085	0,304

CHR9	8144940	CHR9:8144940	SSF x Far_LoA	-10,822	-0,036	0,288
CHR9	8145050	CHR9:8145050	SSF x Far_LoA	-8,640	-0,030	0,303
CHR9	8161079	CHR9:8161079	SSF x Far_LoA	-10,882	0,085	0,277
CHR9	8162967	CHR9:8162967	SSF x Far_LoA	-11,374	0,083	0,276
CHR9	8163015	CHR9:8163015	SSF x Far_LoA	-6,071	-0,137	0,296
CHR9	8163024	CHR9:8163024	SSF x Far_LoA	-8,313	-0,107	0,287
CHR9	8163039	CHR9:8163039	SSF x Far_LoA	-8,073	-0,109	0,288
CHR9	8163075	CHR9:8163075	SSF x Far_LoA	-10,306	-0,017	0,296
CHR9	8163086	CHR9:8163086	SSF x Far_LoA	-9,601	-0,019	0,281
CHR9	8163096	CHR9:8163096	SSF x Far_LoA	-4,232	-0,001	0,294
CHR9	8163108	CHR9:8163108	SSF x Far_LoA	-6,547	0,011	0,293
CHR9	8163111	CHR9:8163111	SSF x Far_LoA	-11,899	0,031	0,292
CHR9	8163121	CHR9:8163121	SSF x Far_LoA	-10,872	-0,095	0,287
CHR9	8163159	CHR9:8163159	SSF x Far_LoA	-7,096	-0,021	0,295
CHR9	8185091	CHR9:8185091	SSF x Far_LoA	-6,307	-0,050	0,281
CHR9	8185111	CHR9:8185111	SSF x Far_LoA	-9,944	-0,061	0,296
CHR9	8185119	CHR9:8185119	SSF x Far_LoA	-9,422	-0,089	0,304
CHR9	8198436	CHR9:8198436	SSF x Far_LoA	-7,932	-0,112	0,288
CHR9	8235065	CHR9:8235065	SSF x Far_LoA	-11,118	0,069	0,292
CHR9	8240975	CHR9:8240975	SSF x Far_LoA	-10,002	0,014	0,291
CHR9	8241003	CHR9:8241003	SSF x Far_LoA	-9,840	-0,007	0,294
CHR9	8241077	CHR9:8241077	SSF x Far_LoA	-7,644	0,134	0,298
CHR9	8253254	CHR9:8253254	SSF x Far_LoA	-5,831	0,016	0,294
CHR9	8253486	CHR9:8253486	SSF x Far_LoA	-8,433	0,056	0,297
CHR9	8253554	CHR9:8253554	SSF x Far_LoA	-4,306	-0,050	0,292
CHR9	8253560	CHR9:8253560	SSF x Far_LoA	-9,664	0,070	0,271
CHR9	8258587	CHR9:8258587	SSF x Far_LoA	-8,208	0,180	0,276
CHR9	8258589	CHR9:8258589	SSF x Far_LoA	-8,390	-0,040	0,297
CHR9	8258602	CHR9:8258602	SSF x Far_LoA	-10,183	0,056	0,293
CHR9	8258789	CHR9:8258789	SSF x Far_LoA	-9,726	0,112	0,278
CHR9	8258806	CHR9:8258806	SSF x Far_LoA	-9,785	0,109	0,293
CHR9	8258907	CHR9:8258907	SSF x Far_LoA	-8,449	0,148	0,286
CHR9	8265942	CHR9:8265942	SSF x Far_LoA	-9,945	0,022	0,291
CHR9	8265949	CHR9:8265949	SSF x Far_LoA	-11,478	0,010	0,279
CHR9	8265963	CHR9:8265963	SSF x Far_LoA	-5,888	0,197	0,282
CHR9	8265964	CHR9:8265964	SSF x Far_LoA	-5,483	0,166	0,277
CHR9	8267274	CHR9:8267274	SSF x Far_LoA	-11,088	-0,070	0,286
CHR9	8290222	CHR9:8290222	SSF x Far_LoA	-1,937	-0,004	0,292
CHR9	8290259	CHR9:8290259	SSF x Far_LoA	-10,222	-0,028	0,297
CHR9	8310337	CHR9:8310337	SSF x Far_LoA	-10,126	-0,143	0,300
CHR9	8312435	CHR9:8312435	SSF x Far_LoA	-7,751	0,034	0,295
CHR9	8312453	CHR9:8312453	SSF x Far_LoA	-9,506	0,109	0,300
CHR9	8312467	CHR9:8312467	SSF x Far_LoA	-8,555	-0,125	0,284
CHR9	8312495	CHR9:8312495	SSF x Far_LoA	-8,671	0,109	0,290
CHR9	8312523	CHR9:8312523	SSF x Far_LoA	-9,192	0,101	0,269
CHR9	8312640	CHR9:8312640	SSF x Far_LoA	-9,149	0,082	0,277
CHR9	8312664	CHR9:8312664	SSF x Far_LoA	-7,029	0,087	0,283
CHR9	8317240	CHR9:8317240	SSF x Far_LoA	-3,783	0,029	0,305
CHR9	8331599	CHR9:8331599	SSF x Far_LoA	-8,097	0,014	0,279
CHR9	8331607	CHR9:8331607	SSF x Far_LoA	-11,161	-0,015	0,302
CHR9	8331708	CHR9:8331708	SSF x Far_LoA	-9,356	0,011	0,299
CHR9	8331810	CHR9:8331810	SSF x Far_LoA	-10,000	0,017	0,288
CHR9	8431019	CHR9:8431019	SSF x Far_LoA	-8,589	-0,133	0,269

CHR9	8431034	CHR9:8431034	SSF x Far_LoA	-9,802	0,077	0,291
CHR9	8452171	CHR9:8452171	SSF x Far_LoA	-7,573	0,101	0,280
CHR9	8480498	CHR9:8480498	SSF x Far_LoA	-10,616	0,007	0,280
CHR9	8480556	CHR9:8480556	SSF x Far_LoA	-6,467	0,168	0,277
CHR9	8480604	CHR9:8480604	SSF x Far_LoA	-7,938	-0,129	0,291
CHR9	8480616	CHR9:8480616	SSF x Far_LoA	-5,983	-0,087	0,288
CHR9	8480678	CHR9:8480678	SSF x Far_LoA	-9,106	-0,062	0,297
CHR9	8480774	CHR9:8480774	SSF x Far_LoA	-7,738	0,000	0,287
CHR9	8485838	CHR9:8485838	SSF x Far_LoA	-8,507	0,148	0,286
CHR9	8485880	CHR9:8485880	SSF x Far_LoA	-8,686	-0,061	0,290
CHR9	8488444	CHR9:8488444	SSF x Far_LoA	-6,506	-0,108	0,302
CHR9	8488504	CHR9:8488504	SSF x Far_LoA	-5,664	-0,104	0,284
CHR9	8488533	CHR9:8488533	SSF x Far_LoA	-8,361	0,076	0,297
CHR9	8502706	CHR9:8502706	SSF x Far_LoA	-9,031	0,084	0,290
CHR9	8511098	CHR9:8511098	SSF x Far_LoA	-10,714	-0,039	0,294
CHR9	8537534	CHR9:8537534	SSF x Far_LoA	-11,615	0,025	0,309
CHR9	8543458	CHR9:8543458	SSF x Far_LoA	-11,049	0,024	0,283
CHR9	8543545	CHR9:8543545	SSF x Far_LoA	-9,264	-0,118	0,298
CHR9	8543666	CHR9:8543666	SSF x Far_LoA	-10,557	-0,119	0,284
CHR9	8550418	CHR9:8550418	SSF x Far_LoA	-1,429	-0,151	0,280
CHR9	8550453	CHR9:8550453	SSF x Far_LoA	-8,788	0,075	0,281
CHR9	855285	CHR9:855285	SSF x Far_LoA	-6,410	-0,050	0,300
CHR9	855434	CHR9:855434	SSF x Far_LoA	-11,018	-0,046	0,284
CHR9	8581787	CHR9:8581787	SSF x Far_LoA	-10,274	0,092	0,292
CHR9	8581808	CHR9:8581808	SSF x Far_LoA	-8,833	-0,132	0,288
CHR9	8581873	CHR9:8581873	SSF x Far_LoA	0,060	0,088	0,269
CHR9	8581896	CHR9:8581896	SSF x Far_LoA	-11,815	-0,065	0,272
CHR9	8581962	CHR9:8581962	SSF x Far_LoA	-8,022	0,101	0,289
CHR9	8582003	CHR9:8582003	SSF x Far_LoA	-9,062	0,028	0,290
CHR9	8582020	CHR9:8582020	SSF x Far_LoA	-8,856	-0,031	0,298
CHR9	8590926	CHR9:8590926	SSF x Far_LoA	-10,640	0,010	0,281
CHR9	860622	CHR9:860622	SSF x Far_LoA	-9,628	0,023	0,289
CHR9	8608728	CHR9:8608728	SSF x Far_LoA	-9,767	-0,027	0,292
CHR9	8609033	CHR9:8609033	SSF x Far_LoA	-9,229	-0,026	0,298
CHR9	8611543	CHR9:8611543	SSF x Far_LoA	-8,230	-0,111	0,285
CHR9	8634228	CHR9:8634228	SSF x Far_LoA	-11,054	0,027	0,294
CHR9	8634353	CHR9:8634353	SSF x Far_LoA	-11,087	-0,082	0,280
CHR9	8634512	CHR9:8634512	SSF x Far_LoA	-10,497	0,046	0,279
CHR9	8634564	CHR9:8634564	SSF x Far_LoA	-9,554	0,069	0,280
CHR9	8650253	CHR9:8650253	SSF x Far_LoA	-5,935	-0,057	0,295
CHR9	8650296	CHR9:8650296	SSF x Far_LoA	-10,203	0,009	0,295
CHR9	8650419	CHR9:8650419	SSF x Far_LoA	-5,681	-0,094	0,289
CHR9	866345	CHR9:866345	SSF x Far_LoA	-6,597	-0,066	0,283
CHR9	8680021	CHR9:8680021	SSF x Far_LoA	-8,149	-0,003	0,293
CHR9	8700716	CHR9:8700716	SSF x Far_LoA	-9,339	-0,038	0,291
CHR9	8701641	CHR9:8701641	SSF x Far_LoA	-9,278	0,003	0,298
CHR9	8711141	CHR9:8711141	SSF x Far_LoA	-9,181	0,096	0,288
CHR9	8721005	CHR9:8721005	SSF x Far_LoA	-11,592	0,002	0,308
CHR9	8721034	CHR9:8721034	SSF x Far_LoA	-10,861	-0,029	0,288
CHR9	8732840	CHR9:8732840	SSF x Far_LoA	-8,848	0,037	0,300
CHR9	8766020	CHR9:8766020	SSF x Far_LoA	-11,419	-0,018	0,289
CHR9	8766026	CHR9:8766026	SSF x Far_LoA	-11,022	-0,027	0,294
CHR9	8766109	CHR9:8766109	SSF x Far_LoA	-11,344	-0,045	0,281

CHR9	8781756	CHR9:8781756	SSF x Far_LoA	-9,359	0,058	0,286
CHR9	8789832	CHR9:8789832	SSF x Far_LoA	-7,855	-0,011	0,292
CHR9	8792220	CHR9:8792220	SSF x Far_LoA	-9,685	0,050	0,268
CHR9	8792311	CHR9:8792311	SSF x Far_LoA	-10,664	0,078	0,307
CHR9	8820152	CHR9:8820152	SSF x Far_LoA	-9,651	0,029	0,298
CHR9	8820206	CHR9:8820206	SSF x Far_LoA	-10,673	0,009	0,291
CHR9	8820270	CHR9:8820270	SSF x Far_LoA	-7,049	0,098	0,306
CHR9	8820304	CHR9:8820304	SSF x Far_LoA	-11,838	0,012	0,298
CHR9	8820341	CHR9:8820341	SSF x Far_LoA	-11,574	-0,048	0,283
CHR9	8833272	CHR9:8833272	SSF x Far_LoA	2,283	0,155	0,278
CHR9	8837929	CHR9:8837929	SSF x Far_LoA	-8,442	0,181	0,282
CHR9	8838054	CHR9:8838054	SSF x Far_LoA	-7,020	0,038	0,288
CHR9	8838059	CHR9:8838059	SSF x Far_LoA	-7,563	0,047	0,278
CHR9	888823	CHR9:888823	SSF x Far_LoA	-6,691	0,141	0,286
CHR9	888847	CHR9:888847	SSF x Far_LoA	-11,010	-0,039	0,298
CHR9	888875	CHR9:888875	SSF x Far_LoA	-9,984	0,110	0,277
CHR9	889188	CHR9:889188	SSF x Far_LoA	-9,637	0,005	0,305
CHR9	8917236	CHR9:8917236	SSF x Far_LoA	-9,780	-0,023	0,285
CHR9	8917446	CHR9:8917446	SSF x Far_LoA	-11,379	-0,051	0,293
CHR9	8930062	CHR9:8930062	SSF x Far_LoA	-7,396	0,060	0,293
CHR9	8930065	CHR9:8930065	SSF x Far_LoA	-10,854	-0,049	0,295
CHR9	8930083	CHR9:8930083	SSF x Far_LoA	-9,095	0,133	0,299
CHR9	8930211	CHR9:8930211	SSF x Far_LoA	-9,706	0,008	0,284
CHR9	8940746	CHR9:8940746	SSF x Far_LoA	-11,071	0,001	0,307
CHR9	8940763	CHR9:8940763	SSF x Far_LoA	-9,365	-0,039	0,292
CHR9	894229	CHR9:894229	SSF x Far_LoA	-8,782	0,049	0,300
CHR9	894230	CHR9:894230	SSF x Far_LoA	-8,621	0,070	0,303
CHR9	894282	CHR9:894282	SSF x Far_LoA	-8,473	0,036	0,299
CHR9	894348	CHR9:894348	SSF x Far_LoA	-11,541	0,036	0,283
CHR9	8943946	CHR9:8943946	SSF x Far_LoA	-6,163	-0,059	0,297
CHR9	8960163	CHR9:8960163	SSF x Far_LoA	-6,966	0,112	0,277
CHR9	8962794	CHR9:8962794	SSF x Far_LoA	-10,674	0,076	0,297
CHR9	8964112	CHR9:8964112	SSF x Far_LoA	-10,091	0,032	0,290
CHR9	8964150	CHR9:8964150	SSF x Far_LoA	-6,347	0,109	0,295
CHR9	8972407	CHR9:8972407	SSF x Far_LoA	-4,706	0,047	0,281
CHR9	8972502	CHR9:8972502	SSF x Far_LoA	-9,539	-0,040	0,297
CHR9	8972545	CHR9:8972545	SSF x Far_LoA	-9,358	0,040	0,276
CHR9	8981612	CHR9:8981612	SSF x Far_LoA	-11,626	0,056	0,290
CHR9	8981643	CHR9:8981643	SSF x Far_LoA	-8,023	0,144	0,299
CHR9	8988373	CHR9:8988373	SSF x Far_LoA	-9,174	-0,121	0,301
CHR9	8988386	CHR9:8988386	SSF x Far_LoA	-10,523	-0,019	0,286
CHR9	8988400	CHR9:8988400	SSF x Far_LoA	-10,498	0,086	0,294
CHR9	8989815	CHR9:8989815	SSF x Far_LoA	-8,418	-0,124	0,298
CHR9	900609	CHR9:900609	SSF x Far_LoA	-11,351	0,030	0,304
CHR9	900654	CHR9:900654	SSF x Far_LoA	-9,744	0,003	0,303
CHR9	900701	CHR9:900701	SSF x Far_LoA	-11,724	0,063	0,296
CHR9	900742	CHR9:900742	SSF x Far_LoA	-8,653	-0,097	0,280
CHR9	9009987	CHR9:9009987	SSF x Far_LoA	-10,025	-0,048	0,297
CHR9	9010063	CHR9:9010063	SSF x Far_LoA	-8,824	0,113	0,276
CHR9	9010234	CHR9:9010234	SSF x Far_LoA	-7,405	0,012	0,295
CHR9	9010239	CHR9:9010239	SSF x Far_LoA	-4,787	-0,127	0,302
CHR9	9025486	CHR9:9025486	SSF x Far_LoA	7,215	0,128	0,299
CHR9	9025488	CHR9:9025488	SSF x Far_LoA	-6,647	-0,139	0,299

CHR9	9025497	CHR9:9025497	SSF x Far_LoA	-8,766	0,136	0,291
CHR9	9025502	CHR9:9025502	SSF x Far_LoA	-8,332	-0,099	0,293
CHR9	9025508	CHR9:9025508	SSF x Far_LoA	-8,913	-0,086	0,296
CHR9	903613	CHR9:903613	SSF x Far_LoA	-11,039	0,040	0,289
CHR9	903666	CHR9:903666	SSF x Far_LoA	-5,246	-0,136	0,303
CHR9	9044403	CHR9:9044403	SSF x Far_LoA	-10,702	0,048	0,292
CHR9	9045779	CHR9:9045779	SSF x Far_LoA	-10,807	-0,036	0,281
CHR9	9045803	CHR9:9045803	SSF x Far_LoA	-10,906	-0,083	0,280
CHR9	9045833	CHR9:9045833	SSF x Far_LoA	-6,317	-0,060	0,290
CHR9	9058287	CHR9:9058287	SSF x Far_LoA	-6,482	0,099	0,282
CHR9	9065653	CHR9:9065653	SSF x Far_LoA	-8,523	0,010	0,294
CHR9	9065673	CHR9:9065673	SSF x Far_LoA	-2,612	0,038	0,295
CHR9	9065683	CHR9:9065683	SSF x Far_LoA	-9,245	0,005	0,283
CHR9	9065686	CHR9:9065686	SSF x Far_LoA	-9,545	0,006	0,281
CHR9	9077698	CHR9:9077698	SSF x Far_LoA	-5,062	0,062	0,301
CHR9	9077735	CHR9:9077735	SSF x Far_LoA	-7,787	0,118	0,296
CHR9	9077773	CHR9:9077773	SSF x Far_LoA	-10,649	-0,052	0,296
CHR9	9096716	CHR9:9096716	SSF x Far_LoA	-9,414	-0,042	0,303
CHR9	9096791	CHR9:9096791	SSF x Far_LoA	-9,202	-0,124	0,303
CHR9	9096822	CHR9:9096822	SSF x Far_LoA	-10,493	-0,007	0,300
CHR9	9096863	CHR9:9096863	SSF x Far_LoA	-9,721	-0,096	0,282
CHR9	9096883	CHR9:9096883	SSF x Far_LoA	-10,749	0,053	0,285
CHR9	9098134	CHR9:9098134	SSF x Far_LoA	-4,016	0,032	0,298
CHR9	9098204	CHR9:9098204	SSF x Far_LoA	-10,290	-0,107	0,296
CHR9	9106645	CHR9:9106645	SSF x Far_LoA	-10,071	0,032	0,305
CHR9	9106653	CHR9:9106653	SSF x Far_LoA	-6,210	0,060	0,291
CHR9	9120649	CHR9:9120649	SSF x Far_LoA	-7,320	0,047	0,303
CHR9	9120654	CHR9:9120654	SSF x Far_LoA	-7,610	0,076	0,307
CHR9	9120663	CHR9:9120663	SSF x Far_LoA	-8,446	0,134	0,288
CHR9	9120709	CHR9:9120709	SSF x Far_LoA	-9,156	0,107	0,291
CHR9	9120736	CHR9:9120736	SSF x Far_LoA	-9,403	0,083	0,290
CHR9	9124963	CHR9:9124963	SSF x Far_LoA	-8,805	-0,091	0,286
CHR9	9125129	CHR9:9125129	SSF x Far_LoA	-7,554	-0,070	0,289
CHR9	9125179	CHR9:9125179	SSF x Far_LoA	-8,452	-0,138	0,288
CHR9	913009	CHR9:913009	SSF x Far_LoA	-7,840	-0,102	0,292
CHR9	913052	CHR9:913052	SSF x Far_LoA	-8,519	-0,088	0,286
CHR9	913230	CHR9:913230	SSF x Far_LoA	-10,592	0,040	0,271
CHR9	9145392	CHR9:9145392	SSF x Far_LoA	-10,919	-0,097	0,297
CHR9	9145550	CHR9:9145550	SSF x Far_LoA	-11,226	-0,022	0,281
CHR9	9145578	CHR9:9145578	SSF x Far_LoA	-4,805	-0,125	0,297
CHR9	9145677	CHR9:9145677	SSF x Far_LoA	-7,743	-0,098	0,309
CHR9	9145751	CHR9:9145751	SSF x Far_LoA	-8,658	0,021	0,295
CHR9	914938	CHR9:914938	SSF x Far_LoA	-9,510	-0,044	0,294
CHR9	9149414	CHR9:9149414	SSF x Far_LoA	-7,299	-0,130	0,281
CHR9	9149595	CHR9:9149595	SSF x Far_LoA	-10,253	0,145	0,305
CHR9	9149621	CHR9:9149621	SSF x Far_LoA	-7,776	-0,003	0,290
CHR9	9155907	CHR9:9155907	SSF x Far_LoA	-9,725	0,047	0,282
CHR9	9212138	CHR9:9212138	SSF x Far_LoA	-7,825	0,096	0,273
CHR9	9212177	CHR9:9212177	SSF x Far_LoA	-11,676	-0,030	0,296
CHR9	9212273	CHR9:9212273	SSF x Far_LoA	-9,777	0,037	0,300
CHR9	9231592	CHR9:9231592	SSF x Far_LoA	-11,475	0,080	0,278
CHR9	9252027	CHR9:9252027	SSF x Far_LoA	-4,431	0,069	0,301
CHR9	9253821	CHR9:9253821	SSF x Far_LoA	-9,217	0,161	0,278

CHR9	9254058	CHR9:9254058	SSF x Far_LoA	-9,433	-0,051	0,281
CHR9	9254112	CHR9:9254112	SSF x Far_LoA	-7,116	0,098	0,286
CHR9	9257563	CHR9:9257563	SSF x Far_LoA	-11,554	-0,047	0,281
CHR9	9293646	CHR9:9293646	SSF x Far_LoA	-8,819	-0,013	0,295
CHR9	9293722	CHR9:9293722	SSF x Far_LoA	-7,730	0,023	0,290
CHR9	9293741	CHR9:9293741	SSF x Far_LoA	-9,193	0,028	0,275
CHR9	9300364	CHR9:9300364	SSF x Far_LoA	-11,214	-0,054	0,283
CHR9	9300451	CHR9:9300451	SSF x Far_LoA	-9,391	-0,126	0,298
CHR9	9303096	CHR9:9303096	SSF x Far_LoA	-7,364	0,039	0,305
CHR9	9303105	CHR9:9303105	SSF x Far_LoA	-9,372	-0,020	0,294
CHR9	9303141	CHR9:9303141	SSF x Far_LoA	-11,206	-0,045	0,287
CHR9	9303150	CHR9:9303150	SSF x Far_LoA	-6,197	-0,070	0,280
CHR9	9303164	CHR9:9303164	SSF x Far_LoA	-8,306	0,022	0,283
CHR9	9303306	CHR9:9303306	SSF x Far_LoA	-4,085	-0,141	0,279
CHR9	9304613	CHR9:9304613	SSF x Far_LoA	-9,942	0,133	0,268
CHR9	9304654	CHR9:9304654	SSF x Far_LoA	-8,890	-0,122	0,284
CHR9	9330698	CHR9:9330698	SSF x Far_LoA	-11,023	-0,077	0,275
CHR9	9330723	CHR9:9330723	SSF x Far_LoA	-6,137	0,061	0,295
CHR9	9330753	CHR9:9330753	SSF x Far_LoA	-8,647	0,098	0,289
CHR9	9330884	CHR9:9330884	SSF x Far_LoA	-8,343	-0,131	0,280
CHR9	9342777	CHR9:9342777	SSF x Far_LoA	-5,250	0,097	0,296
CHR9	9343085	CHR9:9343085	SSF x Far_LoA	-8,099	0,055	0,278
CHR9	9378848	CHR9:9378848	SSF x Far_LoA	-9,377	-0,113	0,305
CHR9	9378992	CHR9:9378992	SSF x Far_LoA	-8,020	-0,002	0,282
CHR9	9378993	CHR9:9378993	SSF x Far_LoA	-9,122	0,022	0,289
CHR9	9386487	CHR9:9386487	SSF x Far_LoA	-7,288	-0,099	0,293
CHR9	9403772	CHR9:9403772	SSF x Far_LoA	-10,265	0,054	0,285
CHR9	9405918	CHR9:9405918	SSF x Far_LoA	-8,450	0,077	0,288
CHR9	9412891	CHR9:9412891	SSF x Far_LoA	-9,841	0,044	0,286
CHR9	9412941	CHR9:9412941	SSF x Far_LoA	-9,516	0,009	0,295
CHR9	9412945	CHR9:9412945	SSF x Far_LoA	-9,296	0,041	0,302
CHR9	9440014	CHR9:9440014	SSF x Far_LoA	-6,542	0,093	0,293
CHR9	9440204	CHR9:9440204	SSF x Far_LoA	-8,350	-0,010	0,290
CHR9	9470088	CHR9:9470088	SSF x Far_LoA	-10,363	-0,017	0,298
CHR9	9473004	CHR9:9473004	SSF x Far_LoA	-7,588	-0,043	0,295
CHR9	9484787	CHR9:9484787	SSF x Far_LoA	-8,009	-0,073	0,285
CHR9	9484852	CHR9:9484852	SSF x Far_LoA	-7,554	0,065	0,286
CHR9	9489016	CHR9:9489016	SSF x Far_LoA	-9,981	-0,046	0,302
CHR9	9489028	CHR9:9489028	SSF x Far_LoA	-9,970	-0,122	0,287
CHR9	9489066	CHR9:9489066	SSF x Far_LoA	-9,466	-0,088	0,291
CHR9	9489093	CHR9:9489093	SSF x Far_LoA	-9,380	0,003	0,283
CHR9	9489137	CHR9:9489137	SSF x Far_LoA	-8,938	-0,116	0,299
CHR9	9489140	CHR9:9489140	SSF x Far_LoA	-9,781	-0,084	0,303
CHR9	949631	CHR9:949631	SSF x Far_LoA	-4,624	0,191	0,281
CHR9	9500509	CHR9:9500509	SSF x Far_LoA	-3,879	0,134	0,277
CHR9	9511524	CHR9:9511524	SSF x Far_LoA	-6,719	-0,049	0,297
CHR9	951174	CHR9:951174	SSF x Far_LoA	-9,179	-0,026	0,286
CHR9	951214	CHR9:951214	SSF x Far_LoA	-10,878	0,002	0,296
CHR9	9513582	CHR9:9513582	SSF x Far_LoA	-8,955	-0,128	0,282
CHR9	9513669	CHR9:9513669	SSF x Far_LoA	-8,566	-0,062	0,307
CHR9	9513678	CHR9:9513678	SSF x Far_LoA	-8,052	0,047	0,298
CHR9	9513701	CHR9:9513701	SSF x Far_LoA	-11,194	0,014	0,280
CHR9	9524768	CHR9:9524768	SSF x Far_LoA	-9,401	0,016	0,310

CHR9	9528856	CHR9:9528856	SSF x Far_LoA	-9,281	0,079	0,274
CHR9	9529032	CHR9:9529032	SSF x Far_LoA	-10,770	-0,016	0,297
CHR9	9535975	CHR9:9535975	SSF x Far_LoA	-11,915	-0,007	0,278
CHR9	9536038	CHR9:9536038	SSF x Far_LoA	-8,708	0,062	0,302
CHR9	9536083	CHR9:9536083	SSF x Far_LoA	-9,000	0,033	0,282
CHR9	9536148	CHR9:9536148	SSF x Far_LoA	-7,433	-0,164	0,293
CHR9	9536164	CHR9:9536164	SSF x Far_LoA	-11,310	-0,099	0,286
CHR9	9539672	CHR9:9539672	SSF x Far_LoA	-7,821	-0,139	0,279
CHR9	954037	CHR9:954037	SSF x Far_LoA	-9,694	-0,047	0,297
CHR9	9548843	CHR9:9548843	SSF x Far_LoA	-8,041	0,029	0,293
CHR9	9548929	CHR9:9548929	SSF x Far_LoA	-11,946	-0,030	0,288
CHR9	9549127	CHR9:9549127	SSF x Far_LoA	-9,125	0,032	0,295
CHR9	9549149	CHR9:9549149	SSF x Far_LoA	-8,742	0,052	0,277
CHR9	9558009	CHR9:9558009	SSF x Far_LoA	-11,259	-0,020	0,286
CHR9	9558140	CHR9:9558140	SSF x Far_LoA	-10,753	-0,022	0,292
CHR9	9558166	CHR9:9558166	SSF x Far_LoA	-7,752	0,097	0,297
CHR9	9561134	CHR9:9561134	SSF x Far_LoA	-6,994	-0,095	0,289
CHR9	9561224	CHR9:9561224	SSF x Far_LoA	-10,517	-0,024	0,294
CHR9	9561261	CHR9:9561261	SSF x Far_LoA	-11,854	0,020	0,291
CHR9	956393	CHR9:956393	SSF x Far_LoA	-10,781	0,023	0,286
CHR9	956411	CHR9:956411	SSF x Far_LoA	-5,851	0,136	0,280
CHR9	956691	CHR9:956691	SSF x Far_LoA	-8,553	0,154	0,286
CHR9	9571079	CHR9:9571079	SSF x Far_LoA	-11,193	-0,006	0,293
CHR9	9571131	CHR9:9571131	SSF x Far_LoA	-10,856	-0,023	0,285
CHR9	9571150	CHR9:9571150	SSF x Far_LoA	-12,331	-0,028	0,283
CHR9	9579957	CHR9:9579957	SSF x Far_LoA	-12,243	0,032	0,288
CHR9	9602379	CHR9:9602379	SSF x Far_LoA	-9,113	0,060	0,290
CHR9	9602435	CHR9:9602435	SSF x Far_LoA	-10,348	-0,077	0,304
CHR9	9602459	CHR9:9602459	SSF x Far_LoA	-11,272	0,032	0,283
CHR9	9602534	CHR9:9602534	SSF x Far_LoA	-9,910	0,029	0,298
CHR9	9610495	CHR9:9610495	SSF x Far_LoA	-7,187	0,100	0,268
CHR9	9610501	CHR9:9610501	SSF x Far_LoA	-9,007	0,105	0,293
CHR9	9610505	CHR9:9610505	SSF x Far_LoA	-9,634	-0,025	0,277
CHR9	9618730	CHR9:9618730	SSF x Far_LoA	-10,128	-0,043	0,291
CHR9	9618845	CHR9:9618845	SSF x Far_LoA	-9,137	0,065	0,302
CHR9	9618962	CHR9:9618962	SSF x Far_LoA	-9,439	0,040	0,292
CHR9	9624774	CHR9:9624774	SSF x Far_LoA	-6,327	-0,226	0,267
CHR9	9624822	CHR9:9624822	SSF x Far_LoA	-8,571	-0,116	0,299
CHR9	9637571	CHR9:9637571	SSF x Far_LoA	-10,387	-0,039	0,288
CHR9	9637580	CHR9:9637580	SSF x Far_LoA	-10,518	-0,063	0,289
CHR9	9637675	CHR9:9637675	SSF x Far_LoA	-7,894	0,018	0,287
CHR9	9637724	CHR9:9637724	SSF x Far_LoA	-10,749	0,026	0,285
CHR9	9637735	CHR9:9637735	SSF x Far_LoA	-10,639	0,067	0,290
CHR9	9637780	CHR9:9637780	SSF x Far_LoA	-9,388	0,045	0,301
CHR9	9672010	CHR9:9672010	SSF x Far_LoA	-6,837	0,003	0,295
CHR9	9672034	CHR9:9672034	SSF x Far_LoA	-10,003	0,039	0,283
CHR9	9672039	CHR9:9672039	SSF x Far_LoA	-11,000	-0,007	0,292
CHR9	9674747	CHR9:9674747	SSF x Far_LoA	-10,661	-0,110	0,270
CHR9	9674885	CHR9:9674885	SSF x Far_LoA	-7,587	0,096	0,282
CHR9	967942	CHR9:967942	SSF x Far_LoA	-10,203	0,041	0,280
CHR9	9698622	CHR9:9698622	SSF x Far_LoA	-9,978	0,061	0,291
CHR9	9698689	CHR9:9698689	SSF x Far_LoA	-10,802	-0,051	0,284
CHR9	9698707	CHR9:9698707	SSF x Far_LoA	-4,927	0,143	0,274

CHR9	9698773	CHR9:9698773	SSF x Far_LoA	-8,931	0,004	0,293
CHR9	9698804	CHR9:9698804	SSF x Far_LoA	-8,579	-0,015	0,302
CHR9	9698824	CHR9:9698824	SSF x Far_LoA	-8,024	0,105	0,305
CHR9	9739462	CHR9:9739462	SSF x Far_LoA	-11,092	-0,079	0,297
CHR9	9739467	CHR9:9739467	SSF x Far_LoA	-12,097	-0,048	0,282
CHR9	9739603	CHR9:9739603	SSF x Far_LoA	-11,101	-0,029	0,283
CHR9	9739645	CHR9:9739645	SSF x Far_LoA	-11,056	-0,046	0,284
CHR9	9749297	CHR9:9749297	SSF x Far_LoA	-9,358	0,056	0,294
CHR9	9749315	CHR9:9749315	SSF x Far_LoA	-9,043	0,021	0,282
CHR9	9749338	CHR9:9749338	SSF x Far_LoA	-8,979	0,036	0,297
CHR9	9749342	CHR9:9749342	SSF x Far_LoA	-9,482	-0,061	0,287
CHR9	9749449	CHR9:9749449	SSF x Far_LoA	-10,813	0,068	0,285
CHR9	9749450	CHR9:9749450	SSF x Far_LoA	-9,035	-0,139	0,293
CHR9	9749457	CHR9:9749457	SSF x Far_LoA	-9,521	0,083	0,304
CHR9	9749507	CHR9:9749507	SSF x Far_LoA	-9,549	0,005	0,283
CHR9	9763925	CHR9:9763925	SSF x Far_LoA	-3,120	0,144	0,289
CHR9	976485	CHR9:976485	SSF x Far_LoA	-6,236	-0,087	0,293
CHR9	9766333	CHR9:9766333	SSF x Far_LoA	-9,371	-0,025	0,280
CHR9	9766371	CHR9:9766371	SSF x Far_LoA	-10,324	0,119	0,295
CHR9	9773512	CHR9:9773512	SSF x Far_LoA	-11,303	0,005	0,295
CHR9	9773517	CHR9:9773517	SSF x Far_LoA	-10,058	0,010	0,300
CHR9	9773614	CHR9:9773614	SSF x Far_LoA	-9,162	0,077	0,296
CHR9	9792043	CHR9:9792043	SSF x Far_LoA	-8,111	-0,102	0,305
CHR9	9792105	CHR9:9792105	SSF x Far_LoA	-10,411	0,041	0,288
CHR9	9792199	CHR9:9792199	SSF x Far_LoA	-4,234	0,213	0,272
CHR9	9796336	CHR9:9796336	SSF x Far_LoA	-9,948	-0,043	0,305
CHR9	9810736	CHR9:9810736	SSF x Far_LoA	-9,695	0,022	0,304
CHR9	9810737	CHR9:9810737	SSF x Far_LoA	-10,589	0,012	0,288
CHR9	9810835	CHR9:9810835	SSF x Far_LoA	-10,814	-0,049	0,290
CHR9	9818910	CHR9:9818910	SSF x Far_LoA	-10,788	-0,098	0,270
CHR9	9821902	CHR9:9821902	SSF x Far_LoA	-8,537	-0,016	0,283
CHR9	9821913	CHR9:9821913	SSF x Far_LoA	-9,742	0,134	0,289
CHR9	9821930	CHR9:9821930	SSF x Far_LoA	-9,686	0,040	0,288
CHR9	9821959	CHR9:9821959	SSF x Far_LoA	-9,014	-0,018	0,290
CHR9	9831078	CHR9:9831078	SSF x Far_LoA	-11,002	0,096	0,292
CHR9	983796	CHR9:983796	SSF x Far_LoA	-9,132	0,103	0,280
CHR9	9846367	CHR9:9846367	SSF x Far_LoA	-8,755	-0,040	0,297
CHR9	9847650	CHR9:9847650	SSF x Far_LoA	-9,863	0,034	0,294
CHR9	9847678	CHR9:9847678	SSF x Far_LoA	-7,914	-0,077	0,288
CHR9	9847767	CHR9:9847767	SSF x Far_LoA	-11,950	-0,018	0,277
CHR9	985404	CHR9:985404	SSF x Far_LoA	-8,421	0,043	0,294
CHR9	985422	CHR9:985422	SSF x Far_LoA	-9,697	-0,012	0,303
CHR9	9874503	CHR9:9874503	SSF x Far_LoA	-9,176	-0,079	0,299
CHR9	9874531	CHR9:9874531	SSF x Far_LoA	-5,878	0,025	0,299
CHR9	9874711	CHR9:9874711	SSF x Far_LoA	-10,339	-0,014	0,300
CHR9	9874720	CHR9:9874720	SSF x Far_LoA	-10,428	-0,100	0,267
CHR9	9892017	CHR9:9892017	SSF x Far_LoA	-10,334	0,010	0,294
CHR9	9892041	CHR9:9892041	SSF x Far_LoA	-11,405	-0,036	0,290
CHR9	9900608	CHR9:9900608	SSF x Far_LoA	-10,803	-0,035	0,291
CHR9	9900695	CHR9:9900695	SSF x Far_LoA	-7,574	-0,128	0,292
CHR9	990469	CHR9:990469	SSF x Far_LoA	-11,273	-0,043	0,294
CHR9	9915530	CHR9:9915530	SSF x Far_LoA	-10,321	-0,019	0,299
CHR9	9915685	CHR9:9915685	SSF x Far_LoA	-11,345	-0,033	0,306

CHR9	9922148	CHR9:9922148	SSF x Far_LoA	-10,599	-0,052	0,293
CHR9	9922168	CHR9:9922168	SSF x Far_LoA	-11,455	-0,019	0,283
CHR9	9922263	CHR9:9922263	SSF x Far_LoA	-8,462	-0,106	0,270
CHR9	9937841	CHR9:9937841	SSF x Far_LoA	-9,278	-0,005	0,307
CHR9	9937905	CHR9:9937905	SSF x Far_LoA	-8,650	-0,005	0,287
CHR9	9937991	CHR9:9937991	SSF x Far_LoA	-10,105	-0,087	0,286
CHR9	9950059	CHR9:9950059	SSF x Far_LoA	-11,723	-0,059	0,287
CHR9	9950111	CHR9:9950111	SSF x Far_LoA	-7,006	-0,050	0,285
CHR9	9961995	CHR9:9961995	SSF x Far_LoA	-10,274	-0,013	0,303
CHR9	9962012	CHR9:9962012	SSF x Far_LoA	-7,739	0,128	0,282
CHR9	998054	CHR9:998054	SSF x Far_LoA	-10,734	-0,016	0,293
CHR9	998242	CHR9:998242	SSF x Far_LoA	-9,364	-0,040	0,296
CHR9	9991460	CHR9:9991460	SSF x Far_LoA	-11,354	0,008	0,296
CHR9	9998590	CHR9:9998590	SSF x Far_LoA	-11,472	0,079	0,288
CHR9	9998852	CHR9:9998852	SSF x Far_LoA	-9,648	0,040	0,281
CHR10	1E+07	CHR10:1000000(	SSF x Far_LoA	-10,814	0,079	0,278
CHR10	1E+07	CHR10:10002315	SSF x Far_LoA	-10,401	-0,004	0,281
CHR10	1E+07	CHR10:1000234(	SSF x Far_LoA	-9,455	-0,017	0,291
CHR10	1E+07	CHR10:10002353	SSF x Far_LoA	-8,627	-0,087	0,283
CHR10	1E+07	CHR10:10002381	SSF x Far_LoA	5,420	0,025	0,280
CHR10	1E+07	CHR10:1000892(	SSF x Far_LoA	-11,160	0,016	0,286
CHR10	1E+07	CHR10:1000898(	SSF x Far_LoA	-8,959	-0,029	0,303
CHR10	1E+07	CHR10:1000899(	SSF x Far_LoA	-7,776	-0,025	0,293
CHR10	1E+07	CHR10:10009011	SSF x Far_LoA	-10,537	-0,015	0,305
CHR10	1000906	CHR10:1000906	SSF x Far_LoA	-10,265	0,030	0,297
CHR10	1E+07	CHR10:10009097	SSF x Far_LoA	-10,412	0,008	0,282
CHR10	1000918	CHR10:1000918	SSF x Far_LoA	-11,056	0,002	0,275
CHR10	1000930	CHR10:1000930	SSF x Far_LoA	-8,639	0,046	0,286
CHR10	1E+07	CHR10:10020421	SSF x Far_LoA	-10,032	-0,130	0,280
CHR10	1E+07	CHR10:10020433	SSF x Far_LoA	-10,252	-0,017	0,300
CHR10	1E+07	CHR10:10020512	SSF x Far_LoA	-10,401	-0,003	0,290
CHR10	1E+07	CHR10:10020523	SSF x Far_LoA	-11,134	0,047	0,295
CHR10	1E+07	CHR10:10020607	SSF x Far_LoA	-7,710	-0,057	0,301
CHR10	1E+07	CHR10:10044066	SSF x Far_LoA	-11,543	0,137	0,280
CHR10	1E+07	CHR10:1004429(	SSF x Far_LoA	-7,189	-0,071	0,295
CHR10	1E+07	CHR10:10064845	SSF x Far_LoA	-10,103	-0,021	0,280
CHR10	1E+07	CHR10:10064869	SSF x Far_LoA	-9,193	0,110	0,269
CHR10	1E+07	CHR10:10064893	SSF x Far_LoA	-7,983	0,116	0,281
CHR10	1E+07	CHR10:10065206	SSF x Far_LoA	-10,190	0,120	0,278
CHR10	1E+07	CHR10:10086875	SSF x Far_LoA	-9,492	-0,144	0,282
CHR10	1E+07	CHR10:10086974	SSF x Far_LoA	-9,342	-0,044	0,317
CHR10	1E+07	CHR10:10097505	SSF x Far_LoA	-9,465	-0,124	0,301
CHR10	1E+07	CHR10:10102014	SSF x Far_LoA	-7,078	-0,143	0,288
CHR10	1E+07	CHR10:10102059	SSF x Far_LoA	-10,426	0,010	0,284
CHR10	1E+07	CHR10:1010214(	SSF x Far_LoA	-9,102	0,080	0,283
CHR10	1E+07	CHR10:10105264	SSF x Far_LoA	-8,888	-0,052	0,286
CHR10	1E+07	CHR10:10105527	SSF x Far_LoA	-7,220	-0,056	0,298
CHR10	1E+07	CHR10:10105533	SSF x Far_LoA	-11,654	-0,027	0,297
CHR10	1E+07	CHR10:10111041	SSF x Far_LoA	-8,443	0,017	0,286
CHR10	1E+07	CHR10:10113797	SSF x Far_LoA	-10,358	-0,017	0,298
CHR10	1E+07	CHR10:1013330(	SSF x Far_LoA	-11,745	-0,013	0,291
CHR10	1E+07	CHR10:10137697	SSF x Far_LoA	-7,724	0,139	0,279
CHR10	1E+07	CHR10:10137708	SSF x Far_LoA	-6,225	0,135	0,285

CHR10	1E+07	CHR10:10137783	SSF x Far_LoA	-9,174	0,118	0,288
CHR10	1E+07	CHR10:10137815	SSF x Far_LoA	-4,174	0,138	0,286
CHR10	1E+07	CHR10:10137833	SSF x Far_LoA	-9,725	-0,145	0,288
CHR10	1E+07	CHR10:10138024	SSF x Far_LoA	-12,037	0,016	0,285
CHR10	1E+07	CHR10:10142319	SSF x Far_LoA	-8,864	-0,049	0,304
CHR10	1E+07	CHR10:10142326	SSF x Far_LoA	-7,730	-0,042	0,304
CHR10	1E+07	CHR10:10142360	SSF x Far_LoA	-8,676	-0,064	0,297
CHR10	1E+07	CHR10:10142368	SSF x Far_LoA	-8,708	0,026	0,295
CHR10	1E+07	CHR10:10142376	SSF x Far_LoA	-7,659	-0,067	0,303
CHR10	1E+07	CHR10:10142381	SSF x Far_LoA	-9,010	-0,077	0,296
CHR10	1E+07	CHR10:10142392	SSF x Far_LoA	-10,822	-0,031	0,292
CHR10	1E+07	CHR10:10142417	SSF x Far_LoA	-9,089	0,121	0,297
CHR10	1E+07	CHR10:10142456	SSF x Far_LoA	-9,844	0,090	0,309
CHR10	1E+07	CHR10:10142496	SSF x Far_LoA	-9,300	-0,012	0,294
CHR10	1E+07	CHR10:10142501	SSF x Far_LoA	-9,883	-0,041	0,280
CHR10	1E+07	CHR10:10142531	SSF x Far_LoA	-7,811	-0,041	0,298
CHR10	1E+07	CHR10:10142559	SSF x Far_LoA	-9,877	-0,032	0,286
CHR10	1E+07	CHR10:10153032	SSF x Far_LoA	-11,917	0,021	0,287
CHR10	1E+07	CHR10:10157336	SSF x Far_LoA	-12,061	-0,059	0,290
CHR10	1E+07	CHR10:10159517	SSF x Far_LoA	-10,920	-0,014	0,285
CHR10	1E+07	CHR10:10159611	SSF x Far_LoA	-10,116	0,124	0,291
CHR10	1E+07	CHR10:10159613	SSF x Far_LoA	-11,418	-0,071	0,285
CHR10	1E+07	CHR10:10159656	SSF x Far_LoA	-10,074	-0,025	0,286
CHR10	1E+07	CHR10:10159772	SSF x Far_LoA	-8,917	-0,029	0,291
CHR10	1E+07	CHR10:10159775	SSF x Far_LoA	-7,963	-0,020	0,300
CHR10	1E+07	CHR10:10159829	SSF x Far_LoA	1,947	0,046	0,292
CHR10	1E+07	CHR10:10193107	SSF x Far_LoA	-11,235	0,050	0,296
CHR10	1E+07	CHR10:10202741	SSF x Far_LoA	-8,657	0,079	0,275
CHR10	1E+07	CHR10:10202817	SSF x Far_LoA	-8,179	0,035	0,278
CHR10	1E+07	CHR10:10207789	SSF x Far_LoA	-6,806	0,146	0,288
CHR10	1E+07	CHR10:10207847	SSF x Far_LoA	-8,567	0,109	0,285
CHR10	1E+07	CHR10:10207901	SSF x Far_LoA	-10,885	0,040	0,281
CHR10	1E+07	CHR10:10207997	SSF x Far_LoA	-11,174	0,005	0,290
CHR10	1E+07	CHR10:10218097	SSF x Far_LoA	-9,056	0,069	0,261
CHR10	1E+07	CHR10:10218198	SSF x Far_LoA	-10,880	-0,017	0,280
CHR10	1E+07	CHR10:10218215	SSF x Far_LoA	-9,068	0,045	0,259
CHR10	1E+07	CHR10:10218280	SSF x Far_LoA	-8,497	-0,062	0,280
CHR10	1E+07	CHR10:10223950	SSF x Far_LoA	-9,234	0,050	0,295
CHR10	1E+07	CHR10:10223967	SSF x Far_LoA	-9,546	0,026	0,289
CHR10	1E+07	CHR10:10223968	SSF x Far_LoA	-9,284	0,052	0,270
CHR10	1E+07	CHR10:10224002	SSF x Far_LoA	-10,452	0,110	0,282
CHR10	1E+07	CHR10:10224211	SSF x Far_LoA	-10,815	0,038	0,276
CHR10	1E+07	CHR10:10224320	SSF x Far_LoA	-10,567	-0,090	0,299
CHR10	1E+07	CHR10:10224390	SSF x Far_LoA	-6,335	0,124	0,279
CHR10	1E+07	CHR10:10224404	SSF x Far_LoA	-12,363	-0,021	0,275
CHR10	1E+07	CHR10:10234511	SSF x Far_LoA	-8,306	0,011	0,301
CHR10	1E+07	CHR10:10234683	SSF x Far_LoA	-8,506	0,027	0,289
CHR10	1E+07	CHR10:10261053	SSF x Far_LoA	-9,385	0,124	0,283
CHR10	1E+07	CHR10:10272925	SSF x Far_LoA	-5,586	-0,082	0,291
CHR10	1E+07	CHR10:10273127	SSF x Far_LoA	-9,592	0,077	0,309
CHR10	1E+07	CHR10:10273928	SSF x Far_LoA	-7,381	0,084	0,274
CHR10	1E+07	CHR10:10273949	SSF x Far_LoA	-9,541	-0,060	0,284
CHR10	1E+07	CHR10:10273950	SSF x Far_LoA	-9,938	0,015	0,279

CHR10	1E+07	CHR10:10273975	SSF x Far_LoA	-11,559	-0,061	0,296
CHR10	1E+07	CHR10:10300744	SSF x Far_LoA	-11,130	0,094	0,295
CHR10	1E+07	CHR10:10301633	SSF x Far_LoA	-9,925	-0,028	0,296
CHR10	1E+07	CHR10:10303388	SSF x Far_LoA	-8,504	-0,042	0,301
CHR10	1E+07	CHR10:10303448	SSF x Far_LoA	-9,216	-0,025	0,303
CHR10	1E+07	CHR10:10308238	SSF x Far_LoA	-10,393	-0,045	0,297
CHR10	1E+07	CHR10:10308283	SSF x Far_LoA	-8,053	-0,004	0,297
CHR10	1E+07	CHR10:10308323	SSF x Far_LoA	-8,679	-0,022	0,301
CHR10	1E+07	CHR10:10310073	SSF x Far_LoA	-11,399	-0,011	0,302
CHR10	1E+07	CHR10:10313114	SSF x Far_LoA	-10,156	-0,007	0,301
CHR10	1E+07	CHR10:10320001	SSF x Far_LoA	-7,874	-0,056	0,291
CHR10	1032651	CHR10:1032651	SSF x Far_LoA	-10,632	0,074	0,293
CHR10	1032745	CHR10:1032745	SSF x Far_LoA	-8,945	-0,002	0,289
CHR10	1E+07	CHR10:10348993	SSF x Far_LoA	-11,843	0,062	0,284
CHR10	1E+07	CHR10:10349015	SSF x Far_LoA	-10,431	-0,042	0,280
CHR10	1E+07	CHR10:10349040	SSF x Far_LoA	-6,469	0,183	0,282
CHR10	1E+07	CHR10:10354458	SSF x Far_LoA	-3,624	0,216	0,278
CHR10	1E+07	CHR10:10358294	SSF x Far_LoA	-10,353	0,066	0,304
CHR10	1E+07	CHR10:10360925	SSF x Far_LoA	-10,844	0,058	0,300
CHR10	1E+07	CHR10:10361056	SSF x Far_LoA	-10,582	-0,081	0,292
CHR10	1E+07	CHR10:10441003	SSF x Far_LoA	-2,431	-0,014	0,302
CHR10	1E+07	CHR10:10445977	SSF x Far_LoA	-8,902	0,056	0,289
CHR10	1E+07	CHR10:10445981	SSF x Far_LoA	-8,485	-0,028	0,285
CHR10	1E+07	CHR10:10462172	SSF x Far_LoA	-9,654	-0,003	0,298
CHR10	1E+07	CHR10:10462204	SSF x Far_LoA	-9,286	-0,023	0,298
CHR10	1E+07	CHR10:10462234	SSF x Far_LoA	-8,353	0,006	0,303
CHR10	1E+07	CHR10:10474801	SSF x Far_LoA	-10,983	0,009	0,293
CHR10	1E+07	CHR10:10494283	SSF x Far_LoA	-2,433	0,138	0,281
CHR10	1E+07	CHR10:10494390	SSF x Far_LoA	-8,750	0,080	0,282
CHR10	1E+07	CHR10:10494517	SSF x Far_LoA	-6,856	0,095	0,286
CHR10	10525087	CHR10:10525087	SSF x Far_LoA	-8,477	-0,010	0,286
CHR10	10525218	CHR10:10525218	SSF x Far_LoA	-10,000	0,017	0,301
CHR10	10525257	CHR10:10525257	SSF x Far_LoA	-10,654	0,045	0,286
CHR10	10572407	CHR10:10572407	SSF x Far_LoA	-10,015	0,170	0,287
CHR10	10573133	CHR10:10573133	SSF x Far_LoA	-11,881	-0,005	0,293
CHR10	10573197	CHR10:10573197	SSF x Far_LoA	-11,933	0,032	0,293
CHR10	10603901	CHR10:10603901	SSF x Far_LoA	-9,487	-0,035	0,280
CHR10	10612089	CHR10:10612089	SSF x Far_LoA	-6,630	-0,080	0,292
CHR10	10612422	CHR10:10612422	SSF x Far_LoA	-6,431	0,146	0,282
CHR10	10617726	CHR10:10617726	SSF x Far_LoA	-10,521	0,059	0,294
CHR10	10623501	CHR10:10623501	SSF x Far_LoA	-8,246	-0,095	0,286
CHR10	10623517	CHR10:10623517	SSF x Far_LoA	-8,493	0,090	0,279
CHR10	10623653	CHR10:10623653	SSF x Far_LoA	-7,306	-0,119	0,298
CHR10	10633708	CHR10:10633708	SSF x Far_LoA	-9,922	0,097	0,282
CHR10	10633761	CHR10:10633761	SSF x Far_LoA	-10,291	-0,083	0,280
CHR10	10633863	CHR10:10633863	SSF x Far_LoA	-10,211	0,043	0,293
CHR10	10633871	CHR10:10633871	SSF x Far_LoA	-7,765	-0,006	0,293
CHR10	10633896	CHR10:10633896	SSF x Far_LoA	-6,958	0,023	0,285
CHR10	10633916	CHR10:10633916	SSF x Far_LoA	-9,759	-0,148	0,298
CHR10	10633949	CHR10:10633949	SSF x Far_LoA	-9,752	0,007	0,289
CHR10	10633981	CHR10:10633981	SSF x Far_LoA	-9,508	0,015	0,291
CHR10	10647858	CHR10:10647858	SSF x Far_LoA	-10,206	-0,064	0,289
CHR10	10648040	CHR10:10648040	SSF x Far_LoA	-12,062	0,023	0,272

CHR10	10648156	CHR10:10648156	SSF x Far_LoA	-4,583	0,073	0,278
CHR10	10649726	CHR10:10649726	SSF x Far_LoA	-8,334	0,045	0,303
CHR10	10649770	CHR10:10649770	SSF x Far_LoA	-11,471	0,104	0,290
CHR10	10649821	CHR10:10649821	SSF x Far_LoA	-5,351	-0,168	0,302
CHR10	10649830	CHR10:10649830	SSF x Far_LoA	-1,504	-0,202	0,294
CHR10	10665101	CHR10:10665101	SSF x Far_LoA	-9,717	-0,039	0,290
CHR10	10665102	CHR10:10665102	SSF x Far_LoA	-5,992	-0,046	0,296
CHR10	1066831	CHR10:1066831	SSF x Far_LoA	-9,061	0,081	0,286
CHR10	10668522	CHR10:10668522	SSF x Far_LoA	-6,650	0,113	0,284
CHR10	10668655	CHR10:10668655	SSF x Far_LoA	-8,954	0,132	0,288
CHR10	10668665	CHR10:10668665	SSF x Far_LoA	-8,817	0,013	0,290
CHR10	10668695	CHR10:10668695	SSF x Far_LoA	-4,142	-0,045	0,286
CHR10	1066976	CHR10:1066976	SSF x Far_LoA	-7,914	-0,165	0,277
CHR10	1067007	CHR10:1067007	SSF x Far_LoA	-8,284	-0,020	0,292
CHR10	1067034	CHR10:1067034	SSF x Far_LoA	-9,634	0,048	0,295
CHR10	10686349	CHR10:10686349	SSF x Far_LoA	-9,890	-0,042	0,295
CHR10	10686413	CHR10:10686413	SSF x Far_LoA	-10,119	0,030	0,307
CHR10	10686441	CHR10:10686441	SSF x Far_LoA	-11,018	0,027	0,299
CHR10	10686521	CHR10:10686521	SSF x Far_LoA	-8,093	0,096	0,291
CHR10	10688063	CHR10:10688063	SSF x Far_LoA	-9,321	0,007	0,278
CHR10	10688223	CHR10:10688223	SSF x Far_LoA	-8,493	0,111	0,283
CHR10	10688272	CHR10:10688272	SSF x Far_LoA	-9,284	0,031	0,283
CHR10	10688313	CHR10:10688313	SSF x Far_LoA	-11,218	0,088	0,282
CHR10	10728693	CHR10:10728693	SSF x Far_LoA	-9,364	-0,042	0,286
CHR10	10729093	CHR10:10729093	SSF x Far_LoA	-9,473	0,053	0,290
CHR10	10729162	CHR10:10729162	SSF x Far_LoA	-10,601	-0,008	0,275
CHR10	10729223	CHR10:10729223	SSF x Far_LoA	-11,615	0,027	0,290
CHR10	10729235	CHR10:10729235	SSF x Far_LoA	-11,205	0,006	0,288
CHR10	10729266	CHR10:10729266	SSF x Far_LoA	-8,829	0,102	0,280
CHR10	10729274	CHR10:10729274	SSF x Far_LoA	-8,460	-0,157	0,274
CHR10	10746667	CHR10:10746667	SSF x Far_LoA	-11,169	0,003	0,277
CHR10	10746675	CHR10:10746675	SSF x Far_LoA	-8,078	-0,008	0,296
CHR10	10746824	CHR10:10746824	SSF x Far_LoA	-11,252	-0,075	0,290
CHR10	10746844	CHR10:10746844	SSF x Far_LoA	-12,086	0,010	0,283
CHR10	10746911	CHR10:10746911	SSF x Far_LoA	-10,924	-0,117	0,289
CHR10	10747000	CHR10:10747000	SSF x Far_LoA	-12,003	-0,005	0,287
CHR10	10747024	CHR10:10747024	SSF x Far_LoA	-9,750	-0,032	0,293
CHR10	10747044	CHR10:10747044	SSF x Far_LoA	-9,015	-0,003	0,284
CHR10	10765914	CHR10:10765914	SSF x Far_LoA	-11,009	-0,006	0,288
CHR10	10766003	CHR10:10766003	SSF x Far_LoA	-8,823	0,091	0,270
CHR10	10775052	CHR10:10775052	SSF x Far_LoA	-3,774	-0,101	0,279
CHR10	10775219	CHR10:10775219	SSF x Far_LoA	-9,209	-0,009	0,298
CHR10	10775222	CHR10:10775222	SSF x Far_LoA	-7,121	-0,134	0,285
CHR10	10775338	CHR10:10775338	SSF x Far_LoA	-2,170	0,184	0,281
CHR10	10793111	CHR10:10793111	SSF x Far_LoA	-8,262	-0,020	0,301
CHR10	10793160	CHR10:10793160	SSF x Far_LoA	-6,880	0,021	0,309
CHR10	10793244	CHR10:10793244	SSF x Far_LoA	-8,412	0,105	0,298
CHR10	10793299	CHR10:10793299	SSF x Far_LoA	-8,692	0,132	0,282
CHR10	10800557	CHR10:10800557	SSF x Far_LoA	-7,588	-0,160	0,272
CHR10	10808975	CHR10:10808975	SSF x Far_LoA	-9,201	-0,027	0,285
CHR10	10809103	CHR10:10809103	SSF x Far_LoA	-9,807	-0,080	0,310
CHR10	1081987	CHR10:1081987	SSF x Far_LoA	-11,416	0,005	0,292
CHR10	1081989	CHR10:1081989	SSF x Far_LoA	-7,683	0,047	0,297

CHR10	1082000	CHR10:1082000	SSF x Far_LoA	-9,068	0,017	0,292
CHR10	1082029	CHR10:1082029	SSF x Far_LoA	-9,126	-0,056	0,280
CHR10	1082122	CHR10:1082122	SSF x Far_LoA	-6,998	0,124	0,274
CHR10	10821633	CHR10:10821633	SSF x Far_LoA	-10,509	-0,003	0,294
CHR10	10839810	CHR10:10839810	SSF x Far_LoA	-6,846	0,131	0,287
CHR10	10839844	CHR10:10839844	SSF x Far_LoA	-1,453	-0,143	0,279
CHR10	10839928	CHR10:10839928	SSF x Far_LoA	-6,438	0,046	0,293
CHR10	10839934	CHR10:10839934	SSF x Far_LoA	-5,810	0,040	0,283
CHR10	10839972	CHR10:10839972	SSF x Far_LoA	-9,666	-0,041	0,304
CHR10	10839989	CHR10:10839989	SSF x Far_LoA	-9,338	0,100	0,288
CHR10	10859879	CHR10:10859879	SSF x Far_LoA	-7,420	0,117	0,295
CHR10	10860065	CHR10:10860065	SSF x Far_LoA	-8,934	-0,132	0,286
CHR10	10860106	CHR10:10860106	SSF x Far_LoA	-9,004	0,023	0,288
CHR10	10860207	CHR10:10860207	SSF x Far_LoA	-9,375	0,142	0,278
CHR10	10868146	CHR10:10868146	SSF x Far_LoA	-6,635	-0,141	0,268
CHR10	10870184	CHR10:10870184	SSF x Far_LoA	-9,051	-0,031	0,280
CHR10	10870294	CHR10:10870294	SSF x Far_LoA	-3,804	0,146	0,300
CHR10	10870301	CHR10:10870301	SSF x Far_LoA	-10,533	-0,065	0,291
CHR10	10873842	CHR10:10873842	SSF x Far_LoA	-9,107	0,174	0,289
CHR10	10873952	CHR10:10873952	SSF x Far_LoA	-8,134	0,091	0,294
CHR10	10882487	CHR10:10882487	SSF x Far_LoA	0,741	-0,165	0,295
CHR10	10882508	CHR10:10882508	SSF x Far_LoA	-6,941	-0,153	0,274
CHR10	10892498	CHR10:10892498	SSF x Far_LoA	-10,160	-0,063	0,298
CHR10	1091008	CHR10:1091008	SSF x Far_LoA	-9,652	0,005	0,286
CHR10	10928361	CHR10:10928361	SSF x Far_LoA	-6,929	0,038	0,308
CHR10	10928470	CHR10:10928470	SSF x Far_LoA	-6,887	0,027	0,298
CHR10	10928548	CHR10:10928548	SSF x Far_LoA	-10,642	-0,015	0,286
CHR10	10940201	CHR10:10940201	SSF x Far_LoA	-6,699	0,034	0,309
CHR10	10940229	CHR10:10940229	SSF x Far_LoA	-9,431	0,012	0,309
CHR10	10947388	CHR10:10947388	SSF x Far_LoA	-9,792	-0,011	0,294
CHR10	1095525	CHR10:1095525	SSF x Far_LoA	-10,917	-0,110	0,297
CHR10	1095548	CHR10:1095548	SSF x Far_LoA	-10,586	0,038	0,289
CHR10	1095558	CHR10:1095558	SSF x Far_LoA	-11,284	-0,083	0,280
CHR10	1095611	CHR10:1095611	SSF x Far_LoA	-10,812	-0,119	0,293
CHR10	1095678	CHR10:1095678	SSF x Far_LoA	-11,832	0,088	0,281
CHR10	1095680	CHR10:1095680	SSF x Far_LoA	-10,883	-0,040	0,303
CHR10	1095711	CHR10:1095711	SSF x Far_LoA	-8,838	0,036	0,294
CHR10	1095718	CHR10:1095718	SSF x Far_LoA	-10,887	0,057	0,287
CHR10	10974020	CHR10:10974020	SSF x Far_LoA	-7,102	0,102	0,272
CHR10	10974165	CHR10:10974165	SSF x Far_LoA	-7,542	-0,090	0,289
CHR10	10996054	CHR10:10996054	SSF x Far_LoA	-7,390	-0,146	0,293
CHR10	11014541	CHR10:11014541	SSF x Far_LoA	-9,874	0,039	0,284
CHR10	11025184	CHR10:11025184	SSF x Far_LoA	-8,525	-0,085	0,264
CHR10	11030328	CHR10:11030328	SSF x Far_LoA	-5,038	-0,206	0,290
CHR10	11038638	CHR10:11038638	SSF x Far_LoA	-8,622	-0,014	0,313
CHR10	11055023	CHR10:11055023	SSF x Far_LoA	-8,850	-0,175	0,296
CHR10	11055071	CHR10:11055071	SSF x Far_LoA	-6,929	-0,174	0,285
CHR10	11055130	CHR10:11055130	SSF x Far_LoA	-5,724	0,143	0,273
CHR10	11055335	CHR10:11055335	SSF x Far_LoA	-10,759	-0,010	0,285
CHR10	11074462	CHR10:11074462	SSF x Far_LoA	-11,504	0,012	0,286
CHR10	11080364	CHR10:11080364	SSF x Far_LoA	-6,656	-0,119	0,284
CHR10	11080463	CHR10:11080463	SSF x Far_LoA	-8,083	-0,106	0,286
CHR10	11084578	CHR10:11084578	SSF x Far_LoA	-9,103	0,056	0,305

CHR10	11084765	CHR10:11084765	SSF x Far_LoA	-8,790	-0,086	0,286
CHR10	11089686	CHR10:11089686	SSF x Far_LoA	-9,191	0,056	0,284
CHR10	11099433	CHR10:11099433	SSF x Far_LoA	-10,228	-0,026	0,295
CHR10	11099461	CHR10:11099461	SSF x Far_LoA	-10,558	-0,038	0,293
CHR10	11099489	CHR10:11099489	SSF x Far_LoA	-8,560	-0,020	0,284
CHR10	11104731	CHR10:11104731	SSF x Far_LoA	-7,744	0,010	0,295
CHR10	11111260	CHR10:11111260	SSF x Far_LoA	-6,708	0,049	0,299
CHR10	11126188	CHR10:11126188	SSF x Far_LoA	-8,436	0,041	0,295
CHR10	11126307	CHR10:11126307	SSF x Far_LoA	-7,875	-0,010	0,302
CHR10	11126309	CHR10:11126309	SSF x Far_LoA	-9,342	-0,012	0,295
CHR10	11126366	CHR10:11126366	SSF x Far_LoA	-7,706	0,019	0,290
CHR10	11126427	CHR10:11126427	SSF x Far_LoA	-8,932	-0,059	0,288
CHR10	1112887	CHR10:1112887	SSF x Far_LoA	-9,019	-0,084	0,283
CHR10	1113168	CHR10:1113168	SSF x Far_LoA	-11,826	-0,065	0,285
CHR10	11135152	CHR10:11135152	SSF x Far_LoA	-8,198	0,125	0,298
CHR10	11135176	CHR10:11135176	SSF x Far_LoA	-5,675	0,020	0,296
CHR10	11149758	CHR10:11149758	SSF x Far_LoA	-11,350	0,066	0,297
CHR10	11153287	CHR10:11153287	SSF x Far_LoA	-9,471	-0,029	0,301
CHR10	11153302	CHR10:11153302	SSF x Far_LoA	-9,282	-0,038	0,312
CHR10	11153453	CHR10:11153453	SSF x Far_LoA	-9,567	0,047	0,298
CHR10	11165735	CHR10:11165735	SSF x Far_LoA	-3,374	-0,236	0,287
CHR10	11218058	CHR10:11218058	SSF x Far_LoA	-8,664	-0,015	0,299
CHR10	1124030	CHR10:1124030	SSF x Far_LoA	-9,165	-0,004	0,283
CHR10	1124034	CHR10:1124034	SSF x Far_LoA	-9,447	0,029	0,299
CHR10	1124278	CHR10:1124278	SSF x Far_LoA	-8,694	-0,008	0,298
CHR10	11252726	CHR10:11252726	SSF x Far_LoA	-9,005	0,092	0,279
CHR10	11252753	CHR10:11252753	SSF x Far_LoA	-8,582	0,123	0,291
CHR10	11252903	CHR10:11252903	SSF x Far_LoA	-8,136	0,104	0,287
CHR10	11252905	CHR10:11252905	SSF x Far_LoA	-8,420	0,127	0,277
CHR10	11269614	CHR10:11269614	SSF x Far_LoA	-6,963	-0,127	0,275
CHR10	1156038	CHR10:1156038	SSF x Far_LoA	-10,174	0,023	0,275
CHR10	1156064	CHR10:1156064	SSF x Far_LoA	-9,543	-0,034	0,265
CHR10	1191499	CHR10:1191499	SSF x Far_LoA	-8,578	0,044	0,294
CHR10	1191946	CHR10:1191946	SSF x Far_LoA	-7,600	0,056	0,291
CHR10	1191954	CHR10:1191954	SSF x Far_LoA	-10,742	-0,124	0,284
CHR10	1236422	CHR10:1236422	SSF x Far_LoA	-8,506	-0,040	0,297
CHR10	1236486	CHR10:1236486	SSF x Far_LoA	-9,692	0,036	0,287
CHR10	1248912	CHR10:1248912	SSF x Far_LoA	2,489	-0,108	0,272
CHR10	1262452	CHR10:1262452	SSF x Far_LoA	-10,193	0,016	0,277
CHR10	1262453	CHR10:1262453	SSF x Far_LoA	-8,813	0,013	0,285
CHR10	1262462	CHR10:1262462	SSF x Far_LoA	-10,162	0,027	0,278
CHR10	1286953	CHR10:1286953	SSF x Far_LoA	-9,494	0,018	0,296
CHR10	1321728	CHR10:1321728	SSF x Far_LoA	-9,785	0,096	0,284
CHR10	1342465	CHR10:1342465	SSF x Far_LoA	-9,232	-0,072	0,276
CHR10	1342473	CHR10:1342473	SSF x Far_LoA	-9,944	-0,131	0,288
CHR10	1342490	CHR10:1342490	SSF x Far_LoA	-9,917	0,008	0,297
CHR10	1342509	CHR10:1342509	SSF x Far_LoA	-8,169	0,042	0,274
CHR10	1342525	CHR10:1342525	SSF x Far_LoA	-9,415	0,001	0,295
CHR10	1342532	CHR10:1342532	SSF x Far_LoA	-6,377	-0,121	0,265
CHR10	1342560	CHR10:1342560	SSF x Far_LoA	-11,698	0,080	0,275
CHR10	1342561	CHR10:1342561	SSF x Far_LoA	-8,736	0,031	0,286
CHR10	1343471	CHR10:1343471	SSF x Far_LoA	-9,342	-0,087	0,283
CHR10	1344840	CHR10:1344840	SSF x Far_LoA	-11,485	-0,020	0,287

CHR10	1344883	CHR10:1344883	SSF x Far_LoA	-8,515	-0,112	0,300
CHR10	1344901	CHR10:1344901	SSF x Far_LoA	-10,539	-0,105	0,293
CHR10	1344917	CHR10:1344917	SSF x Far_LoA	-9,173	0,015	0,300
CHR10	1350915	CHR10:1350915	SSF x Far_LoA	-9,768	-0,012	0,287
CHR10	1351152	CHR10:1351152	SSF x Far_LoA	-9,133	0,055	0,287
CHR10	1351384	CHR10:1351384	SSF x Far_LoA	-7,826	-0,125	0,284
CHR10	1354183	CHR10:1354183	SSF x Far_LoA	-4,330	0,175	0,295
CHR10	1354255	CHR10:1354255	SSF x Far_LoA	-8,658	0,099	0,293
CHR10	1362433	CHR10:1362433	SSF x Far_LoA	-10,283	-0,076	0,271
CHR10	1362484	CHR10:1362484	SSF x Far_LoA	-8,370	-0,046	0,294
CHR10	13656588	CHR10:13656588	SSF x Far_LoA	-9,566	-0,089	0,280
CHR10	13713692	CHR10:13713692	SSF x Far_LoA	-9,622	0,089	0,309
CHR10	1371441	CHR10:1371441	SSF x Far_LoA	-9,735	-0,004	0,282
CHR10	1374686	CHR10:1374686	SSF x Far_LoA	-10,990	0,093	0,301
CHR10	1374752	CHR10:1374752	SSF x Far_LoA	-5,870	-0,203	0,281
CHR10	1374753	CHR10:1374753	SSF x Far_LoA	-7,997	-0,172	0,287
CHR10	1374756	CHR10:1374756	SSF x Far_LoA	-7,945	-0,193	0,280
CHR10	1374834	CHR10:1374834	SSF x Far_LoA	-6,223	0,068	0,286
CHR10	13769941	CHR10:13769941	SSF x Far_LoA	-10,600	-0,068	0,288
CHR10	13791236	CHR10:13791236	SSF x Far_LoA	-6,713	-0,061	0,294
CHR10	13791404	CHR10:13791404	SSF x Far_LoA	-10,751	0,011	0,273
CHR10	13792588	CHR10:13792588	SSF x Far_LoA	-9,829	0,047	0,302
CHR10	13792783	CHR10:13792783	SSF x Far_LoA	-9,850	-0,132	0,280
CHR10	13792784	CHR10:13792784	SSF x Far_LoA	-11,751	0,042	0,298
CHR10	13806277	CHR10:13806277	SSF x Far_LoA	-9,522	-0,025	0,283
CHR10	13806340	CHR10:13806340	SSF x Far_LoA	-8,615	-0,133	0,297
CHR10	13813886	CHR10:13813886	SSF x Far_LoA	-10,131	0,063	0,287
CHR10	13813927	CHR10:13813927	SSF x Far_LoA	-10,058	0,077	0,281
CHR10	13813953	CHR10:13813953	SSF x Far_LoA	-10,907	0,003	0,297
CHR10	13824893	CHR10:13824893	SSF x Far_LoA	-10,872	-0,041	0,312
CHR10	13825084	CHR10:13825084	SSF x Far_LoA	-8,008	0,098	0,304
CHR10	13828499	CHR10:13828499	SSF x Far_LoA	-9,815	0,045	0,295
CHR10	13828523	CHR10:13828523	SSF x Far_LoA	-7,128	0,024	0,294
CHR10	13851221	CHR10:13851221	SSF x Far_LoA	-10,329	-0,005	0,301
CHR10	13851226	CHR10:13851226	SSF x Far_LoA	-10,509	0,008	0,301
CHR10	13851227	CHR10:13851227	SSF x Far_LoA	-9,679	-0,027	0,286
CHR10	13851247	CHR10:13851247	SSF x Far_LoA	-12,219	0,005	0,289
CHR10	13851249	CHR10:13851249	SSF x Far_LoA	-10,875	0,000	0,306
CHR10	13851272	CHR10:13851272	SSF x Far_LoA	-5,817	-0,013	0,301
CHR10	13863832	CHR10:13863832	SSF x Far_LoA	-7,090	0,007	0,295
CHR10	13875824	CHR10:13875824	SSF x Far_LoA	-10,464	-0,042	0,286
CHR10	13875838	CHR10:13875838	SSF x Far_LoA	-10,916	0,006	0,275
CHR10	13875882	CHR10:13875882	SSF x Far_LoA	-9,884	-0,043	0,292
CHR10	13875906	CHR10:13875906	SSF x Far_LoA	-9,963	0,013	0,304
CHR10	13877060	CHR10:13877060	SSF x Far_LoA	-10,300	-0,004	0,290
CHR10	13885820	CHR10:13885820	SSF x Far_LoA	-8,784	-0,019	0,286
CHR10	13895026	CHR10:13895026	SSF x Far_LoA	-10,219	-0,042	0,288
CHR10	13929713	CHR10:13929713	SSF x Far_LoA	-6,454	0,110	0,296
CHR10	13934133	CHR10:13934133	SSF x Far_LoA	-9,441	-0,013	0,271
CHR10	13934982	CHR10:13934982	SSF x Far_LoA	-12,559	-0,035	0,276
CHR10	13935118	CHR10:13935118	SSF x Far_LoA	-8,074	0,083	0,291
CHR10	13944573	CHR10:13944573	SSF x Far_LoA	-10,386	0,003	0,292
CHR10	13944669	CHR10:13944669	SSF x Far_LoA	-11,661	-0,024	0,288

CHR10	13944707	CHR10:13944707	SSF x Far_LoA	-9,168	0,019	0,280
CHR10	13944721	CHR10:13944721	SSF x Far_LoA	-11,824	-0,006	0,288
CHR10	13944793	CHR10:13944793	SSF x Far_LoA	-11,176	-0,008	0,287
CHR10	13963304	CHR10:13963304	SSF x Far_LoA	-8,519	-0,023	0,294
CHR10	1398126	CHR10:1398126	SSF x Far_LoA	-10,527	-0,072	0,295
CHR10	1398141	CHR10:1398141	SSF x Far_LoA	-8,668	-0,039	0,289
CHR10	1398305	CHR10:1398305	SSF x Far_LoA	-8,574	-0,062	0,303
CHR10	1398311	CHR10:1398311	SSF x Far_LoA	-10,294	-0,006	0,281
CHR10	1398389	CHR10:1398389	SSF x Far_LoA	-7,846	-0,025	0,298
CHR10	13987043	CHR10:13987043	SSF x Far_LoA	-9,678	-0,015	0,303
CHR10	14000367	CHR10:14000367	SSF x Far_LoA	-9,212	0,101	0,291
CHR10	14000492	CHR10:14000492	SSF x Far_LoA	-8,796	0,074	0,286
CHR10	14026483	CHR10:14026483	SSF x Far_LoA	-8,096	0,162	0,281
CHR10	14026655	CHR10:14026655	SSF x Far_LoA	-9,254	-0,024	0,286
CHR10	14026702	CHR10:14026702	SSF x Far_LoA	-8,321	-0,056	0,293
CHR10	14029313	CHR10:14029313	SSF x Far_LoA	-9,945	-0,016	0,285
CHR10	14029388	CHR10:14029388	SSF x Far_LoA	-8,608	-0,103	0,300
CHR10	14029431	CHR10:14029431	SSF x Far_LoA	-9,660	-0,049	0,292
CHR10	14029474	CHR10:14029474	SSF x Far_LoA	-8,610	-0,006	0,283
CHR10	14029498	CHR10:14029498	SSF x Far_LoA	-9,310	0,093	0,291
CHR10	14029522	CHR10:14029522	SSF x Far_LoA	-9,050	0,024	0,300
CHR10	14029591	CHR10:14029591	SSF x Far_LoA	-1,992	-0,090	0,296
CHR10	14056964	CHR10:14056964	SSF x Far_LoA	-8,241	0,006	0,299
CHR10	14057815	CHR10:14057815	SSF x Far_LoA	-8,268	0,132	0,298
CHR10	14057886	CHR10:14057886	SSF x Far_LoA	-10,496	0,079	0,290
CHR10	14061814	CHR10:14061814	SSF x Far_LoA	-9,561	-0,006	0,287
CHR10	14063166	CHR10:14063166	SSF x Far_LoA	-11,820	-0,064	0,288
CHR10	14063199	CHR10:14063199	SSF x Far_LoA	-9,925	0,042	0,293
CHR10	14063209	CHR10:14063209	SSF x Far_LoA	-9,604	0,048	0,291
CHR10	14063213	CHR10:14063213	SSF x Far_LoA	-9,971	0,040	0,295
CHR10	14063318	CHR10:14063318	SSF x Far_LoA	-8,323	-0,094	0,295
CHR10	14063338	CHR10:14063338	SSF x Far_LoA	-10,276	-0,081	0,293
CHR10	14063390	CHR10:14063390	SSF x Far_LoA	-0,791	-0,006	0,296
CHR10	1407785	CHR10:1407785	SSF x Far_LoA	-6,566	-0,074	0,285
CHR10	1407797	CHR10:1407797	SSF x Far_LoA	-11,249	-0,036	0,293
CHR10	1407852	CHR10:1407852	SSF x Far_LoA	-8,619	-0,012	0,320
CHR10	1407858	CHR10:1407858	SSF x Far_LoA	-9,347	0,078	0,291
CHR10	1407945	CHR10:1407945	SSF x Far_LoA	-9,767	0,020	0,295
CHR10	14096118	CHR10:14096118	SSF x Far_LoA	-7,954	-0,151	0,281
CHR10	14096164	CHR10:14096164	SSF x Far_LoA	-8,733	-0,004	0,281
CHR10	14115341	CHR10:14115341	SSF x Far_LoA	-10,339	-0,024	0,279
CHR10	14122426	CHR10:14122426	SSF x Far_LoA	-7,423	-0,059	0,305
CHR10	14122459	CHR10:14122459	SSF x Far_LoA	-9,215	-0,040	0,290
CHR10	1412306	CHR10:1412306	SSF x Far_LoA	-7,798	-0,110	0,296
CHR10	1412475	CHR10:1412475	SSF x Far_LoA	-9,788	-0,041	0,294
CHR10	1412499	CHR10:1412499	SSF x Far_LoA	-10,083	0,034	0,301
CHR10	14128083	CHR10:14128083	SSF x Far_LoA	-10,495	0,116	0,275
CHR10	14128202	CHR10:14128202	SSF x Far_LoA	-10,936	0,101	0,292
CHR10	14128205	CHR10:14128205	SSF x Far_LoA	-9,166	-0,083	0,282
CHR10	14128217	CHR10:14128217	SSF x Far_LoA	-8,705	-0,080	0,287
CHR10	14128407	CHR10:14128407	SSF x Far_LoA	-7,069	0,203	0,276
CHR10	14128453	CHR10:14128453	SSF x Far_LoA	-7,971	-0,080	0,290
CHR10	14128454	CHR10:14128454	SSF x Far_LoA	-8,786	0,009	0,294

CHR10	14144456	CHR10:14144456	SSF x Far_LoA	-7,313	0,145	0,284
CHR10	14144494	CHR10:14144494	SSF x Far_LoA	-4,185	-0,191	0,281
CHR10	14151566	CHR10:14151566	SSF x Far_LoA	0,574	-0,136	0,260
CHR10	14165165	CHR10:14165165	SSF x Far_LoA	-8,356	0,075	0,278
CHR10	14165264	CHR10:14165264	SSF x Far_LoA	-11,598	-0,023	0,290
CHR10	14165270	CHR10:14165270	SSF x Far_LoA	-8,858	0,090	0,277
CHR10	14165295	CHR10:14165295	SSF x Far_LoA	-10,864	-0,041	0,289
CHR10	14165402	CHR10:14165402	SSF x Far_LoA	-3,325	0,214	0,272
CHR10	14165412	CHR10:14165412	SSF x Far_LoA	-7,596	0,211	0,268
CHR10	14165415	CHR10:14165415	SSF x Far_LoA	-2,457	0,235	0,274
CHR10	14174193	CHR10:14174193	SSF x Far_LoA	-10,092	0,087	0,284
CHR10	1417549	CHR10:1417549	SSF x Far_LoA	-10,057	0,063	0,289
CHR10	1417563	CHR10:1417563	SSF x Far_LoA	-9,072	-0,197	0,289
CHR10	1417575	CHR10:1417575	SSF x Far_LoA	-8,161	-0,051	0,296
CHR10	1417580	CHR10:1417580	SSF x Far_LoA	-7,167	0,106	0,294
CHR10	1417606	CHR10:1417606	SSF x Far_LoA	-8,156	0,146	0,303
CHR10	1417609	CHR10:1417609	SSF x Far_LoA	-8,284	0,097	0,294
CHR10	1417613	CHR10:1417613	SSF x Far_LoA	-7,945	0,094	0,288
CHR10	1417631	CHR10:1417631	SSF x Far_LoA	-7,817	0,062	0,302
CHR10	1417658	CHR10:1417658	SSF x Far_LoA	-6,553	-0,173	0,271
CHR10	1417664	CHR10:1417664	SSF x Far_LoA	-7,851	0,148	0,283
CHR10	1417706	CHR10:1417706	SSF x Far_LoA	-7,842	0,089	0,301
CHR10	1417726	CHR10:1417726	SSF x Far_LoA	-9,489	-0,030	0,306
CHR10	14186057	CHR10:14186057	SSF x Far_LoA	-11,811	0,017	0,292
CHR10	14186273	CHR10:14186273	SSF x Far_LoA	-9,514	-0,164	0,284
CHR10	14186297	CHR10:14186297	SSF x Far_LoA	-9,217	-0,158	0,290
CHR10	14186298	CHR10:14186298	SSF x Far_LoA	-8,147	-0,088	0,287
CHR10	14190103	CHR10:14190103	SSF x Far_LoA	-10,671	-0,067	0,295
CHR10	14190157	CHR10:14190157	SSF x Far_LoA	-4,677	-0,139	0,295
CHR10	14193081	CHR10:14193081	SSF x Far_LoA	-10,125	0,054	0,298
CHR10	14197725	CHR10:14197725	SSF x Far_LoA	-8,730	0,004	0,303
CHR10	14198634	CHR10:14198634	SSF x Far_LoA	-10,822	-0,057	0,297
CHR10	14198675	CHR10:14198675	SSF x Far_LoA	-11,148	-0,046	0,295
CHR10	14198714	CHR10:14198714	SSF x Far_LoA	-7,728	-0,115	0,286
CHR10	14209355	CHR10:14209355	SSF x Far_LoA	-9,895	-0,075	0,288
CHR10	14215180	CHR10:14215180	SSF x Far_LoA	-11,054	-0,083	0,289
CHR10	14215341	CHR10:14215341	SSF x Far_LoA	-11,260	-0,054	0,276
CHR10	14216687	CHR10:14216687	SSF x Far_LoA	-10,523	0,034	0,290
CHR10	14216782	CHR10:14216782	SSF x Far_LoA	-10,313	-0,044	0,305
CHR10	14216803	CHR10:14216803	SSF x Far_LoA	-11,812	-0,111	0,273
CHR10	14216814	CHR10:14216814	SSF x Far_LoA	-5,295	0,154	0,284
CHR10	14242240	CHR10:14242240	SSF x Far_LoA	-9,025	-0,044	0,300
CHR10	14252519	CHR10:14252519	SSF x Far_LoA	-9,804	-0,052	0,301
CHR10	14252687	CHR10:14252687	SSF x Far_LoA	-9,126	0,010	0,297
CHR10	14252713	CHR10:14252713	SSF x Far_LoA	-10,216	-0,026	0,304
CHR10	14258207	CHR10:14258207	SSF x Far_LoA	-9,849	0,012	0,289
CHR10	14258218	CHR10:14258218	SSF x Far_LoA	-8,865	-0,055	0,305
CHR10	14258235	CHR10:14258235	SSF x Far_LoA	-9,993	-0,017	0,297
CHR10	14258296	CHR10:14258296	SSF x Far_LoA	-11,126	0,022	0,294
CHR10	14258354	CHR10:14258354	SSF x Far_LoA	-8,475	0,049	0,297
CHR10	14258368	CHR10:14258368	SSF x Far_LoA	-9,302	0,037	0,292
CHR10	14258377	CHR10:14258377	SSF x Far_LoA	-8,939	0,057	0,300
CHR10	14258389	CHR10:14258389	SSF x Far_LoA	-6,679	0,015	0,303

CHR10	14260239	CHR10:1426023	SSF x Far_LoA	-6,964	-0,066	0,290
CHR10	14260258	CHR10:1426025	SSF x Far_LoA	-8,632	0,067	0,293
CHR10	14260275	CHR10:1426027	SSF x Far_LoA	-8,369	-0,018	0,312
CHR10	14260282	CHR10:1426028	SSF x Far_LoA	-6,908	-0,010	0,301
CHR10	14260294	CHR10:1426029	SSF x Far_LoA	-8,508	0,041	0,296
CHR10	14260296	CHR10:1426029	SSF x Far_LoA	-8,746	0,009	0,297
CHR10	14260322	CHR10:1426032	SSF x Far_LoA	-9,229	0,013	0,303
CHR10	14260336	CHR10:1426033	SSF x Far_LoA	-9,351	0,007	0,291
CHR10	14268192	CHR10:1426819	SSF x Far_LoA	-6,982	-0,090	0,298
CHR10	14268227	CHR10:1426822	SSF x Far_LoA	-10,367	-0,018	0,302
CHR10	14287748	CHR10:1428774	SSF x Far_LoA	-8,633	-0,088	0,281
CHR10	14287753	CHR10:1428775	SSF x Far_LoA	-9,447	0,025	0,296
CHR10	14287812	CHR10:1428781	SSF x Far_LoA	-10,596	-0,057	0,300
CHR10	14293189	CHR10:1429318	SSF x Far_LoA	-10,123	0,008	0,271
CHR10	14293220	CHR10:1429322	SSF x Far_LoA	-8,210	-0,022	0,288
CHR10	14303314	CHR10:1430331	SSF x Far_LoA	-9,326	-0,032	0,294
CHR10	14326084	CHR10:1432608	SSF x Far_LoA	-11,151	0,022	0,283
CHR10	14326137	CHR10:1432613	SSF x Far_LoA	-12,060	-0,006	0,279
CHR10	14329411	CHR10:1432941	SSF x Far_LoA	-9,284	-0,071	0,299
CHR10	14330063	CHR10:1433006	SSF x Far_LoA	7,731	-0,109	0,302
CHR10	14330067	CHR10:1433006	SSF x Far_LoA	-10,781	-0,046	0,294
CHR10	14337302	CHR10:1433730	SSF x Far_LoA	-7,874	-0,114	0,295
CHR10	14337385	CHR10:1433738	SSF x Far_LoA	-9,413	-0,092	0,281
CHR10	14354813	CHR10:1435481	SSF x Far_LoA	-9,049	0,089	0,282
CHR10	14354832	CHR10:1435483	SSF x Far_LoA	-10,780	0,068	0,280
CHR10	14354936	CHR10:1435493	SSF x Far_LoA	-10,099	0,100	0,291
CHR10	14367019	CHR10:1436701	SSF x Far_LoA	-8,399	-0,059	0,305
CHR10	14367130	CHR10:1436713	SSF x Far_LoA	-7,598	0,094	0,287
CHR10	14367214	CHR10:1436721	SSF x Far_LoA	-10,021	-0,048	0,288
CHR10	14367227	CHR10:1436722	SSF x Far_LoA	-9,283	-0,081	0,303
CHR10	14367233	CHR10:1436723	SSF x Far_LoA	-4,799	0,019	0,309
CHR10	14370234	CHR10:1437023	SSF x Far_LoA	-9,705	-0,100	0,269
CHR10	14370280	CHR10:1437028	SSF x Far_LoA	-11,793	-0,037	0,280
CHR10	14370284	CHR10:1437028	SSF x Far_LoA	-11,469	-0,096	0,282
CHR10	14370297	CHR10:1437029	SSF x Far_LoA	-8,025	-0,095	0,282
CHR10	14370302	CHR10:1437030	SSF x Far_LoA	-9,053	-0,061	0,293
CHR10	14393135	CHR10:1439313	SSF x Far_LoA	-12,180	0,010	0,280
CHR10	14393248	CHR10:1439324	SSF x Far_LoA	0,628	0,102	0,291
CHR10	14404000	CHR10:1440400	SSF x Far_LoA	-8,216	0,026	0,290
CHR10	14404080	CHR10:1440408	SSF x Far_LoA	-10,170	-0,054	0,289
CHR10	14427030	CHR10:1442703	SSF x Far_LoA	-9,568	0,028	0,286
CHR10	14427181	CHR10:1442718	SSF x Far_LoA	-9,879	0,059	0,286
CHR10	14427184	CHR10:1442718	SSF x Far_LoA	-9,710	0,054	0,292
CHR10	14427196	CHR10:1442719	SSF x Far_LoA	-10,688	0,080	0,277
CHR10	14442762	CHR10:1444276	SSF x Far_LoA	-10,136	0,026	0,287
CHR10	14456692	CHR10:1445669	SSF x Far_LoA	-7,922	-0,062	0,287
CHR10	14456725	CHR10:1445672	SSF x Far_LoA	-11,862	0,023	0,283
CHR10	14475285	CHR10:1447528	SSF x Far_LoA	-11,255	0,020	0,300
CHR10	14475314	CHR10:1447531	SSF x Far_LoA	-9,990	-0,043	0,299
CHR10	14475329	CHR10:1447532	SSF x Far_LoA	-9,931	-0,018	0,295
CHR10	14483877	CHR10:1448387	SSF x Far_LoA	-8,746	-0,040	0,284
CHR10	14483949	CHR10:1448394	SSF x Far_LoA	-9,787	0,069	0,297
CHR10	14483951	CHR10:1448395	SSF x Far_LoA	-9,178	-0,001	0,290

CHR10	14483986	CHR10:14483986	SSF x Far_LoA	-8,358	-0,065	0,300
CHR10	1448894	CHR10:1448894	SSF x Far_LoA	-11,181	0,035	0,293
CHR10	14492479	CHR10:14492479	SSF x Far_LoA	-9,060	-0,030	0,289
CHR10	14492889	CHR10:14492889	SSF x Far_LoA	-10,366	0,018	0,292
CHR10	14492894	CHR10:14492894	SSF x Far_LoA	-9,332	0,003	0,298
CHR10	14492906	CHR10:14492906	SSF x Far_LoA	-9,990	-0,016	0,279
CHR10	14492943	CHR10:14492943	SSF x Far_LoA	-8,933	-0,005	0,286
CHR10	14518741	CHR10:14518741	SSF x Far_LoA	-9,110	-0,148	0,274
CHR10	14533636	CHR10:14533636	SSF x Far_LoA	-7,462	-0,004	0,297
CHR10	14533641	CHR10:14533641	SSF x Far_LoA	-8,807	-0,023	0,299
CHR10	14533682	CHR10:14533682	SSF x Far_LoA	-9,928	0,145	0,285
CHR10	14533716	CHR10:14533716	SSF x Far_LoA	-8,222	0,078	0,274
CHR10	14540749	CHR10:14540749	SSF x Far_LoA	-7,028	0,013	0,293
CHR10	14543732	CHR10:14543732	SSF x Far_LoA	-10,200	-0,064	0,277
CHR10	14552797	CHR10:14552797	SSF x Far_LoA	-7,674	-0,067	0,291
CHR10	14552912	CHR10:14552912	SSF x Far_LoA	-11,221	-0,102	0,289
CHR10	14552978	CHR10:14552978	SSF x Far_LoA	-9,233	0,079	0,276
CHR10	14553046	CHR10:14553046	SSF x Far_LoA	-5,651	0,134	0,290
CHR10	14553073	CHR10:14553073	SSF x Far_LoA	-9,944	-0,017	0,285
CHR10	14553115	CHR10:14553115	SSF x Far_LoA	-9,143	-0,039	0,293
CHR10	14556293	CHR10:14556293	SSF x Far_LoA	-7,160	-0,137	0,278
CHR10	14560270	CHR10:14560270	SSF x Far_LoA	-10,007	-0,072	0,293
CHR10	14560434	CHR10:14560434	SSF x Far_LoA	-8,138	-0,094	0,292
CHR10	14560468	CHR10:14560468	SSF x Far_LoA	-6,586	-0,143	0,284
CHR10	14560480	CHR10:14560480	SSF x Far_LoA	-3,106	-0,126	0,290
CHR10	14560487	CHR10:14560487	SSF x Far_LoA	-7,182	-0,109	0,293
CHR10	14560518	CHR10:14560518	SSF x Far_LoA	-9,312	0,080	0,290
CHR10	14560528	CHR10:14560528	SSF x Far_LoA	-11,269	-0,120	0,286
CHR10	14560567	CHR10:14560567	SSF x Far_LoA	-11,268	-0,139	0,276
CHR10	14560572	CHR10:14560572	SSF x Far_LoA	-5,233	0,112	0,290
CHR10	14576160	CHR10:14576160	SSF x Far_LoA	-7,325	0,120	0,287
CHR10	14583431	CHR10:14583431	SSF x Far_LoA	-11,457	0,032	0,285
CHR10	14583526	CHR10:14583526	SSF x Far_LoA	-8,229	-0,042	0,290
CHR10	14583529	CHR10:14583529	SSF x Far_LoA	-9,225	0,033	0,285
CHR10	14584718	CHR10:14584718	SSF x Far_LoA	-11,505	0,022	0,290
CHR10	14584728	CHR10:14584728	SSF x Far_LoA	-7,933	0,112	0,286
CHR10	14589717	CHR10:14589717	SSF x Far_LoA	-8,515	0,041	0,282
CHR10	14589803	CHR10:14589803	SSF x Far_LoA	-11,495	0,016	0,293
CHR10	14589818	CHR10:14589818	SSF x Far_LoA	-9,330	-0,012	0,296
CHR10	14589855	CHR10:14589855	SSF x Far_LoA	-8,527	0,077	0,296
CHR10	14589953	CHR10:14589953	SSF x Far_LoA	-6,101	0,026	0,290
CHR10	14589954	CHR10:14589954	SSF x Far_LoA	-5,574	0,029	0,308
CHR10	14618928	CHR10:14618928	SSF x Far_LoA	-9,010	-0,033	0,268
CHR10	14619152	CHR10:14619152	SSF x Far_LoA	-10,107	0,024	0,294
CHR10	1462536	CHR10:1462536	SSF x Far_LoA	-10,466	-0,082	0,275
CHR10	14629404	CHR10:14629404	SSF x Far_LoA	-7,906	0,044	0,297
CHR10	14644634	CHR10:14644634	SSF x Far_LoA	-9,127	0,085	0,295
CHR10	14644672	CHR10:14644672	SSF x Far_LoA	-12,406	0,036	0,277
CHR10	14644728	CHR10:14644728	SSF x Far_LoA	-10,724	-0,030	0,285
CHR10	14654092	CHR10:14654092	SSF x Far_LoA	-10,180	-0,027	0,287
CHR10	14654183	CHR10:14654183	SSF x Far_LoA	-10,445	-0,003	0,297
CHR10	14654255	CHR10:14654255	SSF x Far_LoA	-8,000	0,020	0,292
CHR10	14654295	CHR10:14654295	SSF x Far_LoA	-11,676	-0,014	0,281

CHR10	14659399	CHR10:14659399	SSF x Far_LoA	-12,526	-0,024	0,279
CHR10	14659599	CHR10:14659599	SSF x Far_LoA	-7,441	0,041	0,298
CHR10	14659676	CHR10:14659676	SSF x Far_LoA	-6,334	0,037	0,282
CHR10	14659682	CHR10:14659682	SSF x Far_LoA	-8,754	0,036	0,286
CHR10	14675237	CHR10:14675237	SSF x Far_LoA	-10,246	-0,106	0,285
CHR10	14681842	CHR10:14681842	SSF x Far_LoA	-8,471	-0,058	0,290
CHR10	14693644	CHR10:14693644	SSF x Far_LoA	-11,021	0,041	0,285
CHR10	14693740	CHR10:14693740	SSF x Far_LoA	-7,107	0,080	0,291
CHR10	14693758	CHR10:14693758	SSF x Far_LoA	-10,921	0,034	0,272
CHR10	14695930	CHR10:14695930	SSF x Far_LoA	-6,970	0,148	0,286
CHR10	14696572	CHR10:14696572	SSF x Far_LoA	-8,736	0,002	0,307
CHR10	14696579	CHR10:14696579	SSF x Far_LoA	-10,313	0,137	0,280
CHR10	1471009	CHR10:1471009	SSF x Far_LoA	-6,955	0,074	0,283
CHR10	14759277	CHR10:14759277	SSF x Far_LoA	-9,345	-0,007	0,283
CHR10	14759298	CHR10:14759298	SSF x Far_LoA	-10,680	0,018	0,286
CHR10	14759509	CHR10:14759509	SSF x Far_LoA	-8,819	0,021	0,293
CHR10	14759536	CHR10:14759536	SSF x Far_LoA	-10,644	-0,043	0,289
CHR10	14762473	CHR10:14762473	SSF x Far_LoA	-8,720	0,137	0,294
CHR10	14773010	CHR10:14773010	SSF x Far_LoA	-10,454	-0,083	0,289
CHR10	14773019	CHR10:14773019	SSF x Far_LoA	-11,282	-0,085	0,292
CHR10	14773199	CHR10:14773199	SSF x Far_LoA	-1,343	0,090	0,291
CHR10	14824862	CHR10:14824862	SSF x Far_LoA	-7,280	-0,182	0,309
CHR10	14824868	CHR10:14824868	SSF x Far_LoA	-9,191	0,078	0,279
CHR10	14827631	CHR10:14827631	SSF x Far_LoA	-10,348	-0,047	0,285
CHR10	14827652	CHR10:14827652	SSF x Far_LoA	-10,041	0,074	0,298
CHR10	14827679	CHR10:14827679	SSF x Far_LoA	-11,122	0,037	0,291
CHR10	14827693	CHR10:14827693	SSF x Far_LoA	-10,381	0,044	0,285
CHR10	14827846	CHR10:14827846	SSF x Far_LoA	-7,589	-0,117	0,292
CHR10	14841545	CHR10:14841545	SSF x Far_LoA	-10,601	0,077	0,290
CHR10	14841794	CHR10:14841794	SSF x Far_LoA	-9,893	-0,031	0,288
CHR10	14841832	CHR10:14841832	SSF x Far_LoA	-8,202	-0,074	0,295
CHR10	14856556	CHR10:14856556	SSF x Far_LoA	-10,382	-0,110	0,279
CHR10	14856661	CHR10:14856661	SSF x Far_LoA	-8,231	-0,055	0,299
CHR10	14861213	CHR10:14861213	SSF x Far_LoA	-8,435	0,036	0,268
CHR10	14861221	CHR10:14861221	SSF x Far_LoA	-8,592	0,047	0,276
CHR10	14861271	CHR10:14861271	SSF x Far_LoA	-10,139	-0,036	0,262
CHR10	14861282	CHR10:14861282	SSF x Far_LoA	-8,754	-0,082	0,277
CHR10	1488138	CHR10:1488138	SSF x Far_LoA	-7,127	-0,150	0,270
CHR10	1488148	CHR10:1488148	SSF x Far_LoA	-11,275	0,070	0,291
CHR10	1488183	CHR10:1488183	SSF x Far_LoA	-8,580	-0,025	0,296
CHR10	1488253	CHR10:1488253	SSF x Far_LoA	-12,199	0,000	0,277
CHR10	14887177	CHR10:14887177	SSF x Far_LoA	-10,803	0,020	0,293
CHR10	14887249	CHR10:14887249	SSF x Far_LoA	-9,840	0,146	0,278
CHR10	14889749	CHR10:14889749	SSF x Far_LoA	-9,813	0,025	0,282
CHR10	14889753	CHR10:14889753	SSF x Far_LoA	-7,803	0,147	0,264
CHR10	14889781	CHR10:14889781	SSF x Far_LoA	-5,964	0,134	0,278
CHR10	14889807	CHR10:14889807	SSF x Far_LoA	-7,337	0,151	0,285
CHR10	14889841	CHR10:14889841	SSF x Far_LoA	-6,566	-0,120	0,287
CHR10	14895690	CHR10:14895690	SSF x Far_LoA	-9,081	-0,025	0,283
CHR10	14895887	CHR10:14895887	SSF x Far_LoA	-8,615	0,052	0,297
CHR10	14895898	CHR10:14895898	SSF x Far_LoA	-8,722	0,068	0,284
CHR10	14906074	CHR10:14906074	SSF x Far_LoA	-7,394	-0,073	0,294
CHR10	14906129	CHR10:14906129	SSF x Far_LoA	-6,028	0,128	0,281

CHR10	14906160	CHR10:1490616(	SSF x Far_LoA	-7,787	0,127	0,286
CHR10	14906217	CHR10:14906217	SSF x Far_LoA	-6,806	0,136	0,296
CHR10	14906236	CHR10:14906236	SSF x Far_LoA	-6,632	0,130	0,284
CHR10	14906302	CHR10:14906302	SSF x Far_LoA	-5,765	0,118	0,296
CHR10	14906328	CHR10:14906328	SSF x Far_LoA	-5,491	0,096	0,283
CHR10	14909931	CHR10:14909931	SSF x Far_LoA	-11,441	0,023	0,284
CHR10	14918956	CHR10:14918956	SSF x Far_LoA	-11,159	-0,023	0,281
CHR10	14924696	CHR10:14924696	SSF x Far_LoA	-5,468	0,111	0,304
CHR10	14924796	CHR10:14924796	SSF x Far_LoA	-6,839	-0,126	0,299
CHR10	14924836	CHR10:14924836	SSF x Far_LoA	-7,513	-0,126	0,289
CHR10	14924838	CHR10:14924838	SSF x Far_LoA	-10,585	-0,117	0,276
CHR10	14924979	CHR10:14924979	SSF x Far_LoA	-10,511	0,051	0,283
CHR10	14935076	CHR10:14935076	SSF x Far_LoA	-9,624	-0,096	0,301
CHR10	14938739	CHR10:14938739	SSF x Far_LoA	-10,673	0,069	0,284
CHR10	14938816	CHR10:14938816	SSF x Far_LoA	-9,560	-0,094	0,302
CHR10	14938817	CHR10:14938817	SSF x Far_LoA	-7,809	-0,105	0,304
CHR10	14938821	CHR10:14938821	SSF x Far_LoA	-7,154	-0,107	0,288
CHR10	14938830	CHR10:14938830	SSF x Far_LoA	-7,767	-0,134	0,316
CHR10	14938955	CHR10:14938955	SSF x Far_LoA	-9,107	0,028	0,296
CHR10	14942470	CHR10:14942470	SSF x Far_LoA	-11,570	0,098	0,294
CHR10	14943666	CHR10:14943666	SSF x Far_LoA	-8,579	-0,131	0,292
CHR10	14950881	CHR10:14950881	SSF x Far_LoA	-10,960	0,035	0,296
CHR10	14951040	CHR10:14951040	SSF x Far_LoA	-9,475	0,055	0,301
CHR10	14951054	CHR10:14951054	SSF x Far_LoA	-8,766	0,073	0,297
CHR10	14957248	CHR10:14957248	SSF x Far_LoA	-7,395	0,098	0,284
CHR10	14957255	CHR10:14957255	SSF x Far_LoA	-11,497	0,031	0,291
CHR10	14957267	CHR10:14957267	SSF x Far_LoA	-9,971	-0,020	0,286
CHR10	14957352	CHR10:14957352	SSF x Far_LoA	-10,173	-0,001	0,291
CHR10	14957475	CHR10:14957475	SSF x Far_LoA	-8,582	0,077	0,290
CHR10	14976106	CHR10:14976106	SSF x Far_LoA	-3,931	0,070	0,268
CHR10	14976107	CHR10:14976107	SSF x Far_LoA	-7,945	0,091	0,264
CHR10	14976669	CHR10:14976669	SSF x Far_LoA	-10,179	0,014	0,294
CHR10	14976693	CHR10:14976693	SSF x Far_LoA	-11,224	-0,001	0,296
CHR10	14985146	CHR10:14985146	SSF x Far_LoA	-10,978	0,046	0,279
CHR10	14985162	CHR10:14985162	SSF x Far_LoA	-7,183	0,106	0,294
CHR10	14985237	CHR10:14985237	SSF x Far_LoA	-9,382	0,067	0,286
CHR10	14985265	CHR10:14985265	SSF x Far_LoA	-10,522	0,049	0,268
CHR10	15025991	CHR10:15025991	SSF x Far_LoA	-9,371	0,060	0,299
CHR10	15026154	CHR10:15026154	SSF x Far_LoA	-3,094	-0,207	0,279
CHR10	1503019	CHR10:1503019	SSF x Far_LoA	-10,258	0,055	0,288
CHR10	1503046	CHR10:1503046	SSF x Far_LoA	-2,933	-0,244	0,276
CHR10	15034103	CHR10:15034103	SSF x Far_LoA	-4,007	-0,138	0,302
CHR10	15034169	CHR10:15034169	SSF x Far_LoA	-8,450	-0,029	0,309
CHR10	15065675	CHR10:15065675	SSF x Far_LoA	-10,332	0,008	0,307
CHR10	15065791	CHR10:15065791	SSF x Far_LoA	-9,061	0,053	0,294
CHR10	15065833	CHR10:15065833	SSF x Far_LoA	-9,080	-0,054	0,294
CHR10	15065846	CHR10:15065846	SSF x Far_LoA	-9,207	0,042	0,289
CHR10	15065895	CHR10:15065895	SSF x Far_LoA	-8,351	-0,004	0,311
CHR10	15065961	CHR10:15065961	SSF x Far_LoA	-9,434	-0,118	0,286
CHR10	15065964	CHR10:15065964	SSF x Far_LoA	-8,661	-0,001	0,291
CHR10	15067240	CHR10:15067240	SSF x Far_LoA	-11,087	-0,044	0,272
CHR10	15067251	CHR10:15067251	SSF x Far_LoA	-11,678	0,014	0,284
CHR10	15067288	CHR10:15067288	SSF x Far_LoA	-7,858	-0,036	0,287

CHR10	15067291	CHR10:15067291	SSF x Far_LoA	-10,714	-0,032	0,281
CHR10	15067298	CHR10:15067298	SSF x Far_LoA	-10,630	-0,015	0,285
CHR10	15067319	CHR10:15067319	SSF x Far_LoA	-10,173	-0,012	0,295
CHR10	15067654	CHR10:15067654	SSF x Far_LoA	-9,442	-0,062	0,294
CHR10	15067718	CHR10:15067718	SSF x Far_LoA	-10,661	-0,038	0,287
CHR10	15067730	CHR10:15067730	SSF x Far_LoA	-10,246	-0,030	0,286
CHR10	15067749	CHR10:15067749	SSF x Far_LoA	-10,000	-0,044	0,297
CHR10	15072650	CHR10:15072650	SSF x Far_LoA	-6,536	-0,113	0,292
CHR10	15072664	CHR10:15072664	SSF x Far_LoA	-8,666	-0,098	0,302
CHR10	15072681	CHR10:15072681	SSF x Far_LoA	-9,614	-0,106	0,294
CHR10	15072685	CHR10:15072685	SSF x Far_LoA	-11,359	-0,076	0,279
CHR10	15072697	CHR10:15072697	SSF x Far_LoA	-8,127	-0,088	0,302
CHR10	15072711	CHR10:15072711	SSF x Far_LoA	-9,292	-0,045	0,289
CHR10	15076865	CHR10:15076865	SSF x Far_LoA	-8,836	-0,049	0,280
CHR10	1508531	CHR10:1508531	SSF x Far_LoA	-11,598	-0,042	0,286
CHR10	15086697	CHR10:15086697	SSF x Far_LoA	-9,151	-0,073	0,285
CHR10	15086724	CHR10:15086724	SSF x Far_LoA	-11,115	0,067	0,287
CHR10	15086748	CHR10:15086748	SSF x Far_LoA	-10,456	0,016	0,301
CHR10	15086929	CHR10:15086929	SSF x Far_LoA	-9,034	0,067	0,305
CHR10	15087008	CHR10:15087008	SSF x Far_LoA	-11,641	0,032	0,295
CHR10	1508878	CHR10:1508878	SSF x Far_LoA	-2,076	0,059	0,298
CHR10	1508882	CHR10:1508882	SSF x Far_LoA	-7,992	0,148	0,298
CHR10	15094716	CHR10:15094716	SSF x Far_LoA	-9,368	0,050	0,284
CHR10	15094726	CHR10:15094726	SSF x Far_LoA	-8,718	0,076	0,293
CHR10	15100872	CHR10:15100872	SSF x Far_LoA	-10,243	0,016	0,285
CHR10	15100890	CHR10:15100890	SSF x Far_LoA	-10,196	-0,009	0,292
CHR10	15105279	CHR10:15105279	SSF x Far_LoA	-11,269	0,018	0,298
CHR10	15105283	CHR10:15105283	SSF x Far_LoA	-7,396	-0,060	0,284
CHR10	15105315	CHR10:15105315	SSF x Far_LoA	-11,795	0,003	0,280
CHR10	15105320	CHR10:15105320	SSF x Far_LoA	-6,757	-0,100	0,287
CHR10	15109139	CHR10:15109139	SSF x Far_LoA	-6,900	-0,056	0,311
CHR10	15136192	CHR10:15136192	SSF x Far_LoA	9,102	0,092	0,302
CHR10	15136238	CHR10:15136238	SSF x Far_LoA	-8,706	0,062	0,288
CHR10	15136310	CHR10:15136310	SSF x Far_LoA	-8,598	0,068	0,284
CHR10	15139474	CHR10:15139474	SSF x Far_LoA	-6,989	-0,083	0,309
CHR10	15139611	CHR10:15139611	SSF x Far_LoA	-5,579	-0,058	0,297
CHR10	15142173	CHR10:15142173	SSF x Far_LoA	-9,953	0,018	0,298
CHR10	15144558	CHR10:15144558	SSF x Far_LoA	-10,059	-0,010	0,296
CHR10	15147180	CHR10:15147180	SSF x Far_LoA	-11,154	-0,028	0,294
CHR10	1520072	CHR10:1520072	SSF x Far_LoA	-8,108	0,046	0,301
CHR10	1520130	CHR10:1520130	SSF x Far_LoA	-7,907	-0,134	0,290
CHR10	1520132	CHR10:1520132	SSF x Far_LoA	-7,390	0,077	0,301
CHR10	1520182	CHR10:1520182	SSF x Far_LoA	-7,783	-0,015	0,303
CHR10	1520209	CHR10:1520209	SSF x Far_LoA	-9,079	-0,005	0,293
CHR10	15272190	CHR10:15272190	SSF x Far_LoA	-11,022	0,000	0,289
CHR10	15272246	CHR10:15272246	SSF x Far_LoA	-9,839	0,098	0,282
CHR10	15316553	CHR10:15316553	SSF x Far_LoA	-9,573	-0,012	0,301
CHR10	1534206	CHR10:1534206	SSF x Far_LoA	-11,594	0,037	0,301
CHR10	15405833	CHR10:15405833	SSF x Far_LoA	-9,494	0,044	0,297
CHR10	15457872	CHR10:15457872	SSF x Far_LoA	-9,775	0,114	0,288
CHR10	15458026	CHR10:15458026	SSF x Far_LoA	-11,032	-0,107	0,294
CHR10	15554470	CHR10:15554470	SSF x Far_LoA	-4,207	-0,243	0,269
CHR10	1557086	CHR10:1557086	SSF x Far_LoA	-12,286	-0,013	0,283

CHR10	1557219	CHR10:1557219	SSF x Far_LoA	-8,481	-0,081	0,292
CHR10	1557241	CHR10:1557241	SSF x Far_LoA	-7,942	-0,027	0,290
CHR10	15580159	CHR10:1558015	SSF x Far_LoA	-7,255	-0,034	0,290
CHR10	15587352	CHR10:1558735	SSF x Far_LoA	-10,371	0,031	0,290
CHR10	15591802	CHR10:1559180	SSF x Far_LoA	-7,455	0,157	0,294
CHR10	15606243	CHR10:1560624	SSF x Far_LoA	-8,747	0,110	0,277
CHR10	15606281	CHR10:1560628	SSF x Far_LoA	-7,095	0,127	0,280
CHR10	15622501	CHR10:1562250	SSF x Far_LoA	-8,187	-0,117	0,291
CHR10	15624941	CHR10:1562494	SSF x Far_LoA	-8,218	0,119	0,290
CHR10	15646434	CHR10:1564643	SSF x Far_LoA	-7,166	-0,176	0,274
CHR10	15654791	CHR10:1565479	SSF x Far_LoA	-9,284	-0,067	0,287
CHR10	15672856	CHR10:1567285	SSF x Far_LoA	-9,271	0,013	0,288
CHR10	15672878	CHR10:1567287	SSF x Far_LoA	-9,311	0,021	0,294
CHR10	1568505	CHR10:1568505	SSF x Far_LoA	-10,945	0,064	0,290
CHR10	15734036	CHR10:1573403	SSF x Far_LoA	-8,190	0,080	0,285
CHR10	15734074	CHR10:1573407	SSF x Far_LoA	-8,132	-0,161	0,275
CHR10	15734091	CHR10:1573409	SSF x Far_LoA	-9,515	-0,024	0,299
CHR10	15734123	CHR10:1573412	SSF x Far_LoA	-7,982	0,041	0,278
CHR10	15734204	CHR10:1573420	SSF x Far_LoA	-10,989	-0,062	0,296
CHR10	15734217	CHR10:1573421	SSF x Far_LoA	-10,632	-0,043	0,284
CHR10	15734276	CHR10:1573427	SSF x Far_LoA	-11,449	-0,009	0,288
CHR10	15752151	CHR10:1575215	SSF x Far_LoA	-9,228	0,084	0,286
CHR10	15752165	CHR10:1575216	SSF x Far_LoA	-9,170	-0,044	0,291
CHR10	15752174	CHR10:1575217	SSF x Far_LoA	-11,323	0,080	0,275
CHR10	15752218	CHR10:1575221	SSF x Far_LoA	-10,445	0,086	0,282
CHR10	15756418	CHR10:1575641	SSF x Far_LoA	-9,344	0,061	0,290
CHR10	15762488	CHR10:1576248	SSF x Far_LoA	-12,200	0,059	0,288
CHR10	15766351	CHR10:1576635	SSF x Far_LoA	-11,280	0,040	0,294
CHR10	15770980	CHR10:1577098	SSF x Far_LoA	-8,953	-0,136	0,277
CHR10	15771926	CHR10:1577192	SSF x Far_LoA	-8,266	0,051	0,295
CHR10	1577206	CHR10:1577206	SSF x Far_LoA	-9,348	-0,125	0,298
CHR10	1577429	CHR10:1577429	SSF x Far_LoA	-10,229	-0,069	0,296
CHR10	1577528	CHR10:1577528	SSF x Far_LoA	-8,483	0,002	0,312
CHR10	1577537	CHR10:1577537	SSF x Far_LoA	-7,353	0,137	0,294
CHR10	15777069	CHR10:1577706	SSF x Far_LoA	-9,350	0,020	0,280
CHR10	15777186	CHR10:1577718	SSF x Far_LoA	-6,017	-0,145	0,283
CHR10	15799198	CHR10:1579919	SSF x Far_LoA	-8,853	-0,005	0,294
CHR10	15799274	CHR10:1579927	SSF x Far_LoA	-10,344	-0,130	0,288
CHR10	15799368	CHR10:1579936	SSF x Far_LoA	-7,978	-0,008	0,295
CHR10	15803672	CHR10:1580367	SSF x Far_LoA	-7,770	-0,043	0,303
CHR10	15803753	CHR10:1580375	SSF x Far_LoA	-9,242	-0,036	0,291
CHR10	15819677	CHR10:1581967	SSF x Far_LoA	-10,044	0,066	0,285
CHR10	15819756	CHR10:1581975	SSF x Far_LoA	-8,125	0,080	0,294
CHR10	15840453	CHR10:1584045	SSF x Far_LoA	-7,850	0,123	0,283
CHR10	15840472	CHR10:1584047	SSF x Far_LoA	-11,061	0,077	0,285
CHR10	15840651	CHR10:1584065	SSF x Far_LoA	-9,709	0,000	0,300
CHR10	15847170	CHR10:1584717	SSF x Far_LoA	-11,058	-0,055	0,283
CHR10	1585350	CHR10:1585350	SSF x Far_LoA	-10,913	0,025	0,302
CHR10	1585410	CHR10:1585410	SSF x Far_LoA	-8,673	-0,030	0,285
CHR10	15855493	CHR10:1585549	SSF x Far_LoA	-9,485	-0,116	0,278
CHR10	15866938	CHR10:1586693	SSF x Far_LoA	-10,537	-0,047	0,288
CHR10	15866944	CHR10:1586694	SSF x Far_LoA	-9,922	0,012	0,283
CHR10	15867029	CHR10:1586702	SSF x Far_LoA	-10,808	-0,066	0,300

CHR10	15867182	CHR10:15867182	SSF x Far_LoA	-8,222	-0,087	0,287
CHR10	15867254	CHR10:15867254	SSF x Far_LoA	-8,542	0,047	0,290
CHR10	15867260	CHR10:15867260	SSF x Far_LoA	-9,027	0,032	0,298
CHR10	15871943	CHR10:15871943	SSF x Far_LoA	-6,842	-0,145	0,279
CHR10	15871950	CHR10:15871950	SSF x Far_LoA	-5,712	0,181	0,292
CHR10	15871969	CHR10:15871969	SSF x Far_LoA	-12,025	0,061	0,287
CHR10	15871998	CHR10:15871998	SSF x Far_LoA	-7,266	0,044	0,304
CHR10	15872423	CHR10:15872423	SSF x Far_LoA	-8,484	0,071	0,290
CHR10	15890364	CHR10:15890364	SSF x Far_LoA	-11,519	-0,046	0,293
CHR10	15891363	CHR10:15891363	SSF x Far_LoA	-10,165	-0,037	0,290
CHR10	15891416	CHR10:15891416	SSF x Far_LoA	-8,740	-0,040	0,282
CHR10	15891456	CHR10:15891456	SSF x Far_LoA	-9,209	-0,017	0,293
CHR10	15891526	CHR10:15891526	SSF x Far_LoA	-8,800	0,099	0,270
CHR10	15891527	CHR10:15891527	SSF x Far_LoA	-10,723	0,138	0,281
CHR10	15900602	CHR10:15900602	SSF x Far_LoA	-11,191	0,023	0,288
CHR10	15915703	CHR10:15915703	SSF x Far_LoA	-9,753	0,050	0,293
CHR10	15916771	CHR10:15916771	SSF x Far_LoA	-7,423	0,151	0,273
CHR10	15916772	CHR10:15916772	SSF x Far_LoA	-8,451	0,136	0,275
CHR10	15916837	CHR10:15916837	SSF x Far_LoA	-8,716	-0,060	0,288
CHR10	15916924	CHR10:15916924	SSF x Far_LoA	-10,639	-0,045	0,283
CHR10	15929502	CHR10:15929502	SSF x Far_LoA	-8,107	0,081	0,288
CHR10	15929551	CHR10:15929551	SSF x Far_LoA	-10,275	-0,004	0,292
CHR10	15929559	CHR10:15929559	SSF x Far_LoA	-10,750	-0,008	0,290
CHR10	15929661	CHR10:15929661	SSF x Far_LoA	-8,824	0,062	0,276
CHR10	15929801	CHR10:15929801	SSF x Far_LoA	-8,575	0,006	0,282
CHR10	15941323	CHR10:15941323	SSF x Far_LoA	-7,098	0,014	0,289
CHR10	15941390	CHR10:15941390	SSF x Far_LoA	-11,599	-0,009	0,283
CHR10	15941435	CHR10:15941435	SSF x Far_LoA	4,587	-0,082	0,290
CHR10	15941554	CHR10:15941554	SSF x Far_LoA	-11,148	0,038	0,285
CHR10	15941562	CHR10:15941562	SSF x Far_LoA	-9,287	-0,054	0,296
CHR10	1594485	CHR10:1594485	SSF x Far_LoA	-10,168	0,055	0,285
CHR10	1594569	CHR10:1594569	SSF x Far_LoA	-2,153	-0,026	0,284
CHR10	1594786	CHR10:1594786	SSF x Far_LoA	-8,901	0,015	0,290
CHR10	15950468	CHR10:15950468	SSF x Far_LoA	-10,576	0,043	0,278
CHR10	15950477	CHR10:15950477	SSF x Far_LoA	-12,245	0,060	0,291
CHR10	15950671	CHR10:15950671	SSF x Far_LoA	-10,549	0,097	0,286
CHR10	15950704	CHR10:15950704	SSF x Far_LoA	-9,476	-0,066	0,299
CHR10	15950770	CHR10:15950770	SSF x Far_LoA	-11,716	-0,011	0,285
CHR10	15950784	CHR10:15950784	SSF x Far_LoA	-8,623	-0,079	0,287
CHR10	15954543	CHR10:15954543	SSF x Far_LoA	-8,966	0,014	0,283
CHR10	15954676	CHR10:15954676	SSF x Far_LoA	-9,480	-0,110	0,280
CHR10	15954710	CHR10:15954710	SSF x Far_LoA	-8,539	0,050	0,279
CHR10	15954837	CHR10:15954837	SSF x Far_LoA	-9,082	-0,023	0,301
CHR10	15954865	CHR10:15954865	SSF x Far_LoA	-10,368	-0,079	0,286
CHR10	15958108	CHR10:15958108	SSF x Far_LoA	-8,065	-0,042	0,298
CHR10	15958175	CHR10:15958175	SSF x Far_LoA	-7,307	0,227	0,273
CHR10	15963916	CHR10:15963916	SSF x Far_LoA	-9,232	-0,034	0,292
CHR10	15964088	CHR10:15964088	SSF x Far_LoA	-11,289	0,053	0,292
CHR10	15965157	CHR10:15965157	SSF x Far_LoA	-9,067	0,072	0,291
CHR10	15965169	CHR10:15965169	SSF x Far_LoA	-5,250	-0,153	0,299
CHR10	15966978	CHR10:15966978	SSF x Far_LoA	-9,040	0,018	0,303
CHR10	15967061	CHR10:15967061	SSF x Far_LoA	-7,837	-0,156	0,289
CHR10	15969687	CHR10:15969687	SSF x Far_LoA	-4,994	0,210	0,288

CHR10	15969694	CHR10:15969694	SSF x Far_LoA	-11,203	-0,021	0,291
CHR10	15979282	CHR10:15979282	SSF x Far_LoA	-8,253	0,010	0,277
CHR10	15979319	CHR10:15979319	SSF x Far_LoA	-10,777	0,027	0,295
CHR10	15979392	CHR10:15979392	SSF x Far_LoA	-8,801	0,110	0,281
CHR10	15979400	CHR10:15979400	SSF x Far_LoA	-11,326	0,033	0,297
CHR10	15992543	CHR10:15992543	SSF x Far_LoA	-6,652	0,172	0,287
CHR10	15992586	CHR10:15992586	SSF x Far_LoA	-11,691	0,074	0,277
CHR10	15999602	CHR10:15999602	SSF x Far_LoA	-10,599	0,022	0,283
CHR10	16006199	CHR10:16006199	SSF x Far_LoA	-8,756	0,059	0,294
CHR10	16006377	CHR10:16006377	SSF x Far_LoA	-7,388	0,048	0,294
CHR10	16009709	CHR10:16009709	SSF x Far_LoA	-6,382	0,172	0,289
CHR10	16009780	CHR10:16009780	SSF x Far_LoA	-7,816	-0,132	0,278
CHR10	16009816	CHR10:16009816	SSF x Far_LoA	-8,938	0,042	0,293
CHR10	16010826	CHR10:16010826	SSF x Far_LoA	-8,120	-0,114	0,290
CHR10	16019380	CHR10:16019380	SSF x Far_LoA	-8,187	-0,153	0,275
CHR10	16019430	CHR10:16019430	SSF x Far_LoA	-9,485	-0,083	0,280
CHR10	16019493	CHR10:16019493	SSF x Far_LoA	-3,388	0,213	0,273
CHR10	16019506	CHR10:16019506	SSF x Far_LoA	-4,770	0,205	0,281
CHR10	16019515	CHR10:16019515	SSF x Far_LoA	-4,631	-0,184	0,282
CHR10	16019539	CHR10:16019539	SSF x Far_LoA	-3,585	0,224	0,263
CHR10	1602985	CHR10:1602985	SSF x Far_LoA	-9,883	-0,010	0,283
CHR10	16036144	CHR10:16036144	SSF x Far_LoA	-6,795	-0,086	0,282
CHR10	16036286	CHR10:16036286	SSF x Far_LoA	-9,146	0,110	0,285
CHR10	16036291	CHR10:16036291	SSF x Far_LoA	-5,325	0,212	0,289
CHR10	16036302	CHR10:16036302	SSF x Far_LoA	-8,734	-0,008	0,290
CHR10	16036861	CHR10:16036861	SSF x Far_LoA	-12,085	0,033	0,295
CHR10	16036895	CHR10:16036895	SSF x Far_LoA	-10,758	0,005	0,281
CHR10	16037038	CHR10:16037038	SSF x Far_LoA	-2,560	0,071	0,277
CHR10	16046824	CHR10:16046824	SSF x Far_LoA	-10,380	-0,052	0,297
CHR10	16047022	CHR10:16047022	SSF x Far_LoA	-11,472	-0,115	0,284
CHR10	16077903	CHR10:16077903	SSF x Far_LoA	-8,018	-0,100	0,293
CHR10	16078031	CHR10:16078031	SSF x Far_LoA	-8,882	0,093	0,293
CHR10	16088384	CHR10:16088384	SSF x Far_LoA	-9,962	0,034	0,281
CHR10	16088408	CHR10:16088408	SSF x Far_LoA	-8,980	0,009	0,291
CHR10	16094567	CHR10:16094567	SSF x Far_LoA	-10,272	0,008	0,306
CHR10	1613414	CHR10:1613414	SSF x Far_LoA	-5,052	-0,142	0,305
CHR10	1613430	CHR10:1613430	SSF x Far_LoA	-8,067	-0,005	0,293
CHR10	1613474	CHR10:1613474	SSF x Far_LoA	-8,707	0,135	0,295
CHR10	1613735	CHR10:1613735	SSF x Far_LoA	-11,851	0,009	0,289
CHR10	1614619	CHR10:1614619	SSF x Far_LoA	-8,801	0,084	0,287
CHR10	1614620	CHR10:1614620	SSF x Far_LoA	-6,418	0,098	0,294
CHR10	16147409	CHR10:16147409	SSF x Far_LoA	-10,557	0,116	0,299
CHR10	16147509	CHR10:16147509	SSF x Far_LoA	-11,028	0,047	0,278
CHR10	16147511	CHR10:16147511	SSF x Far_LoA	-10,513	-0,072	0,302
CHR10	1614802	CHR10:1614802	SSF x Far_LoA	-11,686	0,055	0,298
CHR10	16160791	CHR10:16160791	SSF x Far_LoA	-7,582	0,156	0,283
CHR10	16160815	CHR10:16160815	SSF x Far_LoA	-5,173	0,127	0,279
CHR10	16163485	CHR10:16163485	SSF x Far_LoA	-7,155	-0,147	0,290
CHR10	16165633	CHR10:16165633	SSF x Far_LoA	-9,152	0,038	0,294
CHR10	16167120	CHR10:16167120	SSF x Far_LoA	-10,062	-0,150	0,284
CHR10	16181064	CHR10:16181064	SSF x Far_LoA	-11,465	0,043	0,283
CHR10	16181246	CHR10:16181246	SSF x Far_LoA	-8,102	-0,002	0,307
CHR10	16208633	CHR10:16208633	SSF x Far_LoA	-11,251	-0,005	0,301

CHR10	16208706	CHR10:1620870	SSF x Far_LoA	-8,562	-0,084	0,301
CHR10	16208710	CHR10:1620871	SSF x Far_LoA	-8,025	0,084	0,284
CHR10	16208730	CHR10:1620873	SSF x Far_LoA	-9,397	0,056	0,302
CHR10	16208742	CHR10:1620874	SSF x Far_LoA	-2,285	0,092	0,289
CHR10	16208744	CHR10:1620874	SSF x Far_LoA	-9,274	0,107	0,287
CHR10	16208759	CHR10:1620875	SSF x Far_LoA	-6,440	-0,175	0,293
CHR10	16209109	CHR10:1620910	SSF x Far_LoA	-9,486	0,088	0,266
CHR10	16234978	CHR10:1623497	SSF x Far_LoA	-1,539	-0,112	0,293
CHR10	16235159	CHR10:1623515	SSF x Far_LoA	-7,880	-0,085	0,296
CHR10	16235190	CHR10:1623519	SSF x Far_LoA	-10,194	0,048	0,279
CHR10	16235211	CHR10:1623521	SSF x Far_LoA	-8,356	-0,063	0,300
CHR10	16235218	CHR10:1623521	SSF x Far_LoA	-11,199	0,023	0,294
CHR10	16235232	CHR10:1623523	SSF x Far_LoA	-7,890	0,144	0,283
CHR10	16240771	CHR10:1624077	SSF x Far_LoA	-10,054	0,012	0,292
CHR10	16240928	CHR10:1624092	SSF x Far_LoA	-11,595	0,089	0,293
CHR10	16240939	CHR10:1624093	SSF x Far_LoA	-9,191	-0,038	0,290
CHR10	16245887	CHR10:1624588	SSF x Far_LoA	-6,577	-0,159	0,289
CHR10	16245912	CHR10:1624591	SSF x Far_LoA	1,966	-0,182	0,265
CHR10	16245943	CHR10:1624594	SSF x Far_LoA	-9,353	-0,135	0,273
CHR10	16245981	CHR10:1624598	SSF x Far_LoA	-8,904	0,121	0,294
CHR10	16246032	CHR10:1624603	SSF x Far_LoA	-8,559	0,068	0,275
CHR10	16246544	CHR10:1624654	SSF x Far_LoA	-8,377	-0,048	0,291
CHR10	16246582	CHR10:1624658	SSF x Far_LoA	-3,772	0,106	0,274
CHR10	16246621	CHR10:1624662	SSF x Far_LoA	-6,978	0,209	0,281
CHR10	16246630	CHR10:1624663	SSF x Far_LoA	-3,320	0,266	0,285
CHR10	16254949	CHR10:1625494	SSF x Far_LoA	-8,707	0,033	0,296
CHR10	16254985	CHR10:1625498	SSF x Far_LoA	-9,337	-0,048	0,298
CHR10	16255022	CHR10:1625502	SSF x Far_LoA	-8,684	0,070	0,298
CHR10	16255203	CHR10:1625520	SSF x Far_LoA	-9,151	-0,120	0,300
CHR10	16255302	CHR10:1625530	SSF x Far_LoA	-4,652	-0,172	0,282
CHR10	16257826	CHR10:1625782	SSF x Far_LoA	-10,061	0,078	0,281
CHR10	16257896	CHR10:1625789	SSF x Far_LoA	-10,404	0,041	0,291
CHR10	16258039	CHR10:1625803	SSF x Far_LoA	-8,561	0,089	0,278
CHR10	16260771	CHR10:1626077	SSF x Far_LoA	-10,736	0,060	0,266
CHR10	16260789	CHR10:1626078	SSF x Far_LoA	-10,837	-0,093	0,285
CHR10	16260894	CHR10:1626089	SSF x Far_LoA	-9,451	-0,062	0,288
CHR10	16260996	CHR10:1626099	SSF x Far_LoA	-10,690	-0,061	0,297
CHR10	1626790	CHR10:1626790	SSF x Far_LoA	-9,969	-0,029	0,296
CHR10	16268183	CHR10:1626818	SSF x Far_LoA	-9,027	-0,011	0,279
CHR10	16268194	CHR10:1626819	SSF x Far_LoA	-9,575	0,125	0,297
CHR10	1626822	CHR10:1626822	SSF x Far_LoA	-10,252	0,125	0,281
CHR10	1626825	CHR10:1626825	SSF x Far_LoA	-8,784	0,031	0,288
CHR10	1626832	CHR10:1626832	SSF x Far_LoA	-3,450	0,177	0,291
CHR10	1626833	CHR10:1626833	SSF x Far_LoA	-2,459	-0,269	0,285
CHR10	1626834	CHR10:1626834	SSF x Far_LoA	-3,924	-0,265	0,285
CHR10	1626836	CHR10:1626836	SSF x Far_LoA	3,093	-0,262	0,272
CHR10	1626841	CHR10:1626841	SSF x Far_LoA	-8,900	0,188	0,292
CHR10	16268518	CHR10:1626851	SSF x Far_LoA	-10,955	0,037	0,294
CHR10	16268519	CHR10:1626851	SSF x Far_LoA	-8,920	-0,045	0,309
CHR10	16268528	CHR10:1626852	SSF x Far_LoA	-8,160	0,088	0,286
CHR10	16268540	CHR10:1626854	SSF x Far_LoA	-8,181	0,051	0,293
CHR10	16268641	CHR10:1626864	SSF x Far_LoA	-10,387	-0,033	0,288
CHR10	1626894	CHR10:1626894	SSF x Far_LoA	-8,514	-0,110	0,286

CHR10	1626909	CHR10:1626909	SSF x Far_LoA	-9,332	0,045	0,295
CHR10	1626911	CHR10:1626911	SSF x Far_LoA	-8,480	-0,038	0,290
CHR10	1626919	CHR10:1626919	SSF x Far_LoA	-7,264	0,117	0,304
CHR10	1626921	CHR10:1626921	SSF x Far_LoA	-9,829	0,009	0,298
CHR10	1626948	CHR10:1626948	SSF x Far_LoA	-9,501	0,112	0,284
CHR10	1627088	CHR10:1627088	SSF x Far_LoA	-10,364	-0,110	0,283
CHR10	16271937	CHR10:16271937	SSF x Far_LoA	-10,079	-0,042	0,284
CHR10	16272026	CHR10:16272026	SSF x Far_LoA	-10,383	0,000	0,288
CHR10	16272035	CHR10:16272035	SSF x Far_LoA	-4,664	-0,043	0,284
CHR10	16272101	CHR10:16272101	SSF x Far_LoA	-4,483	-0,105	0,262
CHR10	16272123	CHR10:16272123	SSF x Far_LoA	-6,035	-0,135	0,284
CHR10	16272182	CHR10:16272182	SSF x Far_LoA	-10,357	0,060	0,294
CHR10	16309458	CHR10:16309458	SSF x Far_LoA	-11,938	0,041	0,284
CHR10	16309516	CHR10:16309516	SSF x Far_LoA	-9,410	0,150	0,292
CHR10	16309668	CHR10:16309668	SSF x Far_LoA	-11,261	0,015	0,285
CHR10	16320406	CHR10:16320406	SSF x Far_LoA	-9,570	0,014	0,270
CHR10	16320412	CHR10:16320412	SSF x Far_LoA	-8,876	-0,012	0,293
CHR10	16320480	CHR10:16320480	SSF x Far_LoA	-7,834	-0,163	0,282
CHR10	16320509	CHR10:16320509	SSF x Far_LoA	-9,163	0,036	0,280
CHR10	16320601	CHR10:16320601	SSF x Far_LoA	-8,252	-0,032	0,283
CHR10	16320620	CHR10:16320620	SSF x Far_LoA	-10,294	-0,015	0,290
CHR10	16320629	CHR10:16320629	SSF x Far_LoA	-7,946	0,101	0,299
CHR10	16321742	CHR10:16321742	SSF x Far_LoA	-9,616	-0,064	0,287
CHR10	16321774	CHR10:16321774	SSF x Far_LoA	-5,445	-0,007	0,291
CHR10	16321775	CHR10:16321775	SSF x Far_LoA	-10,131	-0,031	0,298
CHR10	16321795	CHR10:16321795	SSF x Far_LoA	-7,373	-0,073	0,286
CHR10	16321831	CHR10:16321831	SSF x Far_LoA	-10,386	-0,024	0,289
CHR10	16321982	CHR10:16321982	SSF x Far_LoA	-8,081	-0,013	0,291
CHR10	16339083	CHR10:16339083	SSF x Far_LoA	-4,582	-0,109	0,308
CHR10	1637490	CHR10:1637490	SSF x Far_LoA	-7,647	0,125	0,290
CHR10	1640179	CHR10:1640179	SSF x Far_LoA	-9,565	-0,061	0,288
CHR10	1640259	CHR10:1640259	SSF x Far_LoA	-9,764	0,117	0,289
CHR10	1640304	CHR10:1640304	SSF x Far_LoA	-6,729	-0,156	0,275
CHR10	16408228	CHR10:16408228	SSF x Far_LoA	-9,094	0,064	0,311
CHR10	16426496	CHR10:16426496	SSF x Far_LoA	-8,916	-0,062	0,286
CHR10	16444527	CHR10:16444527	SSF x Far_LoA	-9,774	-0,047	0,285
CHR10	16444601	CHR10:16444601	SSF x Far_LoA	-10,017	-0,065	0,291
CHR10	16444660	CHR10:16444660	SSF x Far_LoA	-8,801	0,078	0,288
CHR10	16444723	CHR10:16444723	SSF x Far_LoA	-7,054	-0,128	0,292
CHR10	16444741	CHR10:16444741	SSF x Far_LoA	-9,479	-0,058	0,287
CHR10	16444752	CHR10:16444752	SSF x Far_LoA	-10,940	-0,022	0,288
CHR10	16444776	CHR10:16444776	SSF x Far_LoA	-10,227	-0,026	0,288
CHR10	1645126	CHR10:1645126	SSF x Far_LoA	-11,099	-0,018	0,303
CHR10	1645294	CHR10:1645294	SSF x Far_LoA	-6,156	-0,143	0,272
CHR10	16456227	CHR10:16456227	SSF x Far_LoA	-10,603	-0,037	0,288
CHR10	16456247	CHR10:16456247	SSF x Far_LoA	-8,062	0,014	0,287
CHR10	16456317	CHR10:16456317	SSF x Far_LoA	-4,096	-0,140	0,293
CHR10	16456552	CHR10:16456552	SSF x Far_LoA	-12,044	0,008	0,291
CHR10	16456577	CHR10:16456577	SSF x Far_LoA	-9,831	0,020	0,296
CHR10	16456578	CHR10:16456578	SSF x Far_LoA	-10,037	0,004	0,295
CHR10	16456584	CHR10:16456584	SSF x Far_LoA	-10,742	0,053	0,286
CHR10	16456599	CHR10:16456599	SSF x Far_LoA	-10,847	-0,011	0,296
CHR10	16468764	CHR10:16468764	SSF x Far_LoA	-8,052	0,054	0,288

CHR10	16468770	CHR10:1646877C	SSF x Far_LoA	-8,049	0,048	0,289
CHR10	16468774	CHR10:16468774	SSF x Far_LoA	-9,440	0,088	0,286
CHR10	16468797	CHR10:16468797	SSF x Far_LoA	-10,512	-0,082	0,294
CHR10	16468801	CHR10:16468801	SSF x Far_LoA	-8,660	0,066	0,284
CHR10	16468805	CHR10:16468805	SSF x Far_LoA	-11,090	-0,003	0,298
CHR10	16468821	CHR10:16468821	SSF x Far_LoA	-9,376	-0,113	0,290
CHR10	16468837	CHR10:16468837	SSF x Far_LoA	-9,880	-0,054	0,288
CHR10	16468852	CHR10:16468852	SSF x Far_LoA	-9,259	0,053	0,279
CHR10	16471951	CHR10:16471951	SSF x Far_LoA	-11,971	-0,068	0,278
CHR10	16471963	CHR10:16471963	SSF x Far_LoA	-7,006	-0,048	0,298
CHR10	16471995	CHR10:16471995	SSF x Far_LoA	-10,270	-0,027	0,298
CHR10	16479025	CHR10:16479025	SSF x Far_LoA	-9,429	-0,089	0,281
CHR10	16479075	CHR10:16479075	SSF x Far_LoA	-10,566	-0,048	0,275
CHR10	16479095	CHR10:16479095	SSF x Far_LoA	-1,642	-0,181	0,302
CHR10	16490260	CHR10:1649026C	SSF x Far_LoA	-12,134	-0,018	0,297
CHR10	16490302	CHR10:16490302	SSF x Far_LoA	-10,711	0,023	0,302
CHR10	16496900	CHR10:1649690C	SSF x Far_LoA	-8,741	0,023	0,285
CHR10	16501427	CHR10:16501427	SSF x Far_LoA	-4,563	-0,056	0,294
CHR10	16501536	CHR10:16501536	SSF x Far_LoA	-7,870	0,107	0,277
CHR10	16501544	CHR10:16501544	SSF x Far_LoA	-10,132	0,051	0,306
CHR10	16516755	CHR10:16516755	SSF x Far_LoA	-8,282	-0,066	0,286
CHR10	16516804	CHR10:16516804	SSF x Far_LoA	-9,971	-0,024	0,306
CHR10	16526369	CHR10:16526369	SSF x Far_LoA	-8,024	-0,058	0,285
CHR10	16526421	CHR10:16526421	SSF x Far_LoA	-9,471	0,008	0,284
CHR10	16526572	CHR10:16526572	SSF x Far_LoA	-7,958	-0,046	0,283
CHR10	16529586	CHR10:16529586	SSF x Far_LoA	-8,222	0,093	0,295
CHR10	16529686	CHR10:16529686	SSF x Far_LoA	-7,629	0,120	0,276
CHR10	16550023	CHR10:16550023	SSF x Far_LoA	-9,485	0,057	0,296
CHR10	16550653	CHR10:16550653	SSF x Far_LoA	-9,686	-0,067	0,295
CHR10	16550659	CHR10:16550659	SSF x Far_LoA	-8,992	-0,026	0,302
CHR10	16587308	CHR10:16587308	SSF x Far_LoA	-8,295	-0,065	0,294
CHR10	16587350	CHR10:1658735C	SSF x Far_LoA	-8,941	-0,029	0,289
CHR10	16587359	CHR10:16587359	SSF x Far_LoA	-8,229	-0,044	0,308
CHR10	16587368	CHR10:16587368	SSF x Far_LoA	-9,806	-0,012	0,289
CHR10	16587427	CHR10:16587427	SSF x Far_LoA	-5,878	0,063	0,283
CHR10	16587449	CHR10:16587449	SSF x Far_LoA	-8,926	-0,043	0,280
CHR10	16587472	CHR10:16587472	SSF x Far_LoA	-6,966	0,010	0,282
CHR10	16587496	CHR10:16587496	SSF x Far_LoA	-8,687	0,004	0,286
CHR10	16587503	CHR10:16587503	SSF x Far_LoA	-10,513	-0,047	0,290
CHR10	16587524	CHR10:16587524	SSF x Far_LoA	-10,335	-0,042	0,285
CHR10	16601644	CHR10:16601644	SSF x Far_LoA	-10,790	0,024	0,278
CHR10	16601680	CHR10:1660168C	SSF x Far_LoA	-11,234	0,053	0,283
CHR10	16601705	CHR10:16601705	SSF x Far_LoA	-11,894	0,025	0,281
CHR10	16601717	CHR10:16601717	SSF x Far_LoA	-8,690	0,034	0,309
CHR10	16612875	CHR10:16612875	SSF x Far_LoA	-8,319	0,021	0,282
CHR10	16612930	CHR10:1661293C	SSF x Far_LoA	-6,581	0,009	0,303
CHR10	16616281	CHR10:16616281	SSF x Far_LoA	-9,398	-0,066	0,292
CHR10	16616284	CHR10:16616284	SSF x Far_LoA	-5,693	-0,074	0,297
CHR10	16616404	CHR10:16616404	SSF x Far_LoA	-12,379	-0,011	0,290
CHR10	16616469	CHR10:16616469	SSF x Far_LoA	-10,766	0,065	0,288
CHR10	16616566	CHR10:16616566	SSF x Far_LoA	-9,503	0,016	0,293
CHR10	16616571	CHR10:16616571	SSF x Far_LoA	-7,277	-0,114	0,283
CHR10	16637608	CHR10:16637608	SSF x Far_LoA	-11,086	-0,061	0,287

CHR10	16637610	CHR10:1663761C	SSF x Far_LoA	-8,022	-0,047	0,287
CHR10	16637761	CHR10:16637761	SSF x Far_LoA	-9,200	0,008	0,292
CHR10	16637857	CHR10:16637857	SSF x Far_LoA	-8,454	-0,083	0,289
CHR10	16645566	CHR10:16645566	SSF x Far_LoA	-7,632	0,095	0,286
CHR10	16645579	CHR10:16645579	SSF x Far_LoA	-8,699	0,056	0,286
CHR10	16649459	CHR10:16649459	SSF x Far_LoA	-10,796	-0,015	0,293
CHR10	16649513	CHR10:16649513	SSF x Far_LoA	-7,609	0,079	0,279
CHR10	16649545	CHR10:16649545	SSF x Far_LoA	-10,105	0,043	0,276
CHR10	16649599	CHR10:16649599	SSF x Far_LoA	-9,988	-0,046	0,278
CHR10	16651405	CHR10:16651405	SSF x Far_LoA	-6,870	0,108	0,308
CHR10	16651471	CHR10:16651471	SSF x Far_LoA	-9,718	0,067	0,304
CHR10	16651646	CHR10:16651646	SSF x Far_LoA	-8,265	-0,086	0,283
CHR10	16653244	CHR10:16653244	SSF x Far_LoA	-11,409	-0,074	0,285
CHR10	16653466	CHR10:16653466	SSF x Far_LoA	-12,004	-0,109	0,290
CHR10	16656382	CHR10:16656382	SSF x Far_LoA	-9,261	-0,042	0,296
CHR10	16656426	CHR10:16656426	SSF x Far_LoA	-11,097	0,076	0,279
CHR10	16662357	CHR10:16662357	SSF x Far_LoA	-8,532	0,055	0,305
CHR10	16662381	CHR10:16662381	SSF x Far_LoA	-9,585	0,037	0,284
CHR10	16662397	CHR10:16662397	SSF x Far_LoA	-8,924	0,046	0,293
CHR10	16662435	CHR10:16662435	SSF x Far_LoA	-10,285	0,038	0,290
CHR10	16662492	CHR10:16662492	SSF x Far_LoA	-11,310	-0,008	0,291
CHR10	16662531	CHR10:16662531	SSF x Far_LoA	-9,580	-0,026	0,295
CHR10	16664207	CHR10:16664207	SSF x Far_LoA	-10,205	-0,114	0,284
CHR10	1671130	CHR10:1671130	SSF x Far_LoA	-8,526	-0,047	0,284
CHR10	1671202	CHR10:1671202	SSF x Far_LoA	-9,532	-0,024	0,287
CHR10	16728656	CHR10:16728656	SSF x Far_LoA	-3,981	0,217	0,289
CHR10	16750716	CHR10:16750716	SSF x Far_LoA	-7,992	0,076	0,293
CHR10	16750721	CHR10:16750721	SSF x Far_LoA	-9,593	-0,086	0,301
CHR10	16750753	CHR10:16750753	SSF x Far_LoA	-12,279	0,005	0,287
CHR10	16750778	CHR10:16750778	SSF x Far_LoA	-11,642	-0,020	0,288
CHR10	16750814	CHR10:16750814	SSF x Far_LoA	-0,780	0,123	0,286
CHR10	16750816	CHR10:16750816	SSF x Far_LoA	-7,798	0,124	0,287
CHR10	16750824	CHR10:16750824	SSF x Far_LoA	-8,749	0,106	0,292
CHR10	16750841	CHR10:16750841	SSF x Far_LoA	-7,485	0,100	0,280
CHR10	16753036	CHR10:16753036	SSF x Far_LoA	-9,914	0,058	0,298
CHR10	16756302	CHR10:16756302	SSF x Far_LoA	-3,518	0,264	0,254
CHR10	16756375	CHR10:16756375	SSF x Far_LoA	-10,527	-0,039	0,290
CHR10	16756424	CHR10:16756424	SSF x Far_LoA	-10,447	-0,058	0,296
CHR10	16756438	CHR10:16756438	SSF x Far_LoA	-8,181	0,025	0,288
CHR10	16756487	CHR10:16756487	SSF x Far_LoA	-6,423	0,007	0,294
CHR10	16768746	CHR10:16768746	SSF x Far_LoA	-11,521	0,031	0,299
CHR10	16768788	CHR10:16768788	SSF x Far_LoA	-10,509	-0,062	0,284
CHR10	16768838	CHR10:16768838	SSF x Far_LoA	-8,571	0,010	0,295
CHR10	16768861	CHR10:16768861	SSF x Far_LoA	-9,383	0,030	0,291
CHR10	16773072	CHR10:16773072	SSF x Far_LoA	-12,381	0,020	0,271
CHR10	16773109	CHR10:16773109	SSF x Far_LoA	-7,547	-0,089	0,298
CHR10	16775713	CHR10:16775713	SSF x Far_LoA	-9,643	0,066	0,283
CHR10	16775790	CHR10:16775790	SSF x Far_LoA	-8,942	0,014	0,291
CHR10	16775796	CHR10:16775796	SSF x Far_LoA	-10,517	0,044	0,273
CHR10	16775860	CHR10:16775860	SSF x Far_LoA	-7,706	-0,100	0,286
CHR10	16775884	CHR10:16775884	SSF x Far_LoA	-7,227	-0,070	0,284
CHR10	16795997	CHR10:16795997	SSF x Far_LoA	-11,072	0,047	0,284
CHR10	16795998	CHR10:16795998	SSF x Far_LoA	-7,786	0,038	0,305

CHR10	16796007	CHR10:16796007	SSF x Far_LoA	-11,292	-0,025	0,300
CHR10	16800141	CHR10:16800141	SSF x Far_LoA	-10,214	0,016	0,292
CHR10	16800232	CHR10:16800232	SSF x Far_LoA	-12,427	-0,024	0,291
CHR10	16800300	CHR10:16800300	SSF x Far_LoA	-6,486	-0,113	0,310
CHR10	16809028	CHR10:16809028	SSF x Far_LoA	-10,754	0,033	0,294
CHR10	16809093	CHR10:16809093	SSF x Far_LoA	-9,775	-0,042	0,294
CHR10	16826306	CHR10:16826306	SSF x Far_LoA	-9,161	0,050	0,294
CHR10	16826407	CHR10:16826407	SSF x Far_LoA	-0,021	0,156	0,288
CHR10	16826492	CHR10:16826492	SSF x Far_LoA	-9,121	-0,106	0,291
CHR10	16826538	CHR10:16826538	SSF x Far_LoA	-10,201	0,029	0,290
CHR10	16826590	CHR10:16826590	SSF x Far_LoA	-7,966	0,043	0,300
CHR10	16826593	CHR10:16826593	SSF x Far_LoA	-8,722	0,035	0,301
CHR10	16838923	CHR10:16838923	SSF x Far_LoA	-9,402	0,011	0,286
CHR10	16838987	CHR10:16838987	SSF x Far_LoA	-7,210	0,161	0,275
CHR10	16839006	CHR10:16839006	SSF x Far_LoA	-11,830	-0,067	0,282
CHR10	16839085	CHR10:16839085	SSF x Far_LoA	-4,903	-0,123	0,289
CHR10	1685205	CHR10:1685205	SSF x Far_LoA	-8,674	-0,008	0,310
CHR10	16853056	CHR10:16853056	SSF x Far_LoA	-11,017	0,021	0,285
CHR10	16853117	CHR10:16853117	SSF x Far_LoA	-7,428	-0,077	0,293
CHR10	16853121	CHR10:16853121	SSF x Far_LoA	-7,868	-0,097	0,293
CHR10	16853230	CHR10:16853230	SSF x Far_LoA	-8,227	-0,061	0,300
CHR10	1685478	CHR10:1685478	SSF x Far_LoA	-10,042	0,028	0,307
CHR10	1685496	CHR10:1685496	SSF x Far_LoA	-10,530	0,096	0,279
CHR10	1685505	CHR10:1685505	SSF x Far_LoA	-10,008	0,112	0,289
CHR10	1685517	CHR10:1685517	SSF x Far_LoA	-9,931	0,037	0,286
CHR10	16862019	CHR10:16862019	SSF x Far_LoA	-10,736	-0,009	0,294
CHR10	16862030	CHR10:16862030	SSF x Far_LoA	-10,379	-0,018	0,277
CHR10	16862044	CHR10:16862044	SSF x Far_LoA	-7,759	-0,116	0,289
CHR10	16862130	CHR10:16862130	SSF x Far_LoA	-8,946	0,045	0,297
CHR10	16862296	CHR10:16862296	SSF x Far_LoA	-9,267	0,009	0,278
CHR10	16901649	CHR10:16901649	SSF x Far_LoA	-11,425	-0,031	0,281
CHR10	16901806	CHR10:16901806	SSF x Far_LoA	-9,812	0,087	0,308
CHR10	16901888	CHR10:16901888	SSF x Far_LoA	-10,747	0,032	0,286
CHR10	16901892	CHR10:16901892	SSF x Far_LoA	-11,210	0,037	0,282
CHR10	16901947	CHR10:16901947	SSF x Far_LoA	-11,136	0,013	0,281
CHR10	16901958	CHR10:16901958	SSF x Far_LoA	-8,335	0,036	0,291
CHR10	16902032	CHR10:16902032	SSF x Far_LoA	-8,030	0,084	0,300
CHR10	16902041	CHR10:16902041	SSF x Far_LoA	-8,616	0,040	0,287
CHR10	16902049	CHR10:16902049	SSF x Far_LoA	-10,460	-0,011	0,290
CHR10	16902078	CHR10:16902078	SSF x Far_LoA	-10,657	0,025	0,285
CHR10	1690591	CHR10:1690591	SSF x Far_LoA	-8,571	-0,125	0,288
CHR10	1690690	CHR10:1690690	SSF x Far_LoA	-8,209	-0,085	0,301
CHR10	16908417	CHR10:16908417	SSF x Far_LoA	-5,454	0,022	0,297
CHR10	16908434	CHR10:16908434	SSF x Far_LoA	-8,900	-0,030	0,302
CHR10	1690904	CHR10:1690904	SSF x Far_LoA	-8,828	0,082	0,280
CHR10	1690906	CHR10:1690906	SSF x Far_LoA	-9,669	0,079	0,286
CHR10	1690908	CHR10:1690908	SSF x Far_LoA	-10,177	0,146	0,284
CHR10	1690909	CHR10:1690909	SSF x Far_LoA	-11,007	0,040	0,289
CHR10	16910617	CHR10:16910617	SSF x Far_LoA	-10,344	-0,024	0,305
CHR10	16910645	CHR10:16910645	SSF x Far_LoA	-10,834	0,043	0,318
CHR10	16910685	CHR10:16910685	SSF x Far_LoA	-10,907	-0,012	0,283
CHR10	16911883	CHR10:16911883	SSF x Far_LoA	-10,985	0,023	0,287
CHR10	16911906	CHR10:16911906	SSF x Far_LoA	-10,602	-0,024	0,307

CHR10	16911925	CHR10:16911925	SSF x Far_LoA	-7,212	-0,063	0,306
CHR10	16912001	CHR10:16912001	SSF x Far_LoA	-7,688	-0,089	0,288
CHR10	16912006	CHR10:16912006	SSF x Far_LoA	-9,225	0,018	0,302
CHR10	16926976	CHR10:16926976	SSF x Far_LoA	-8,152	-0,069	0,296
CHR10	16927022	CHR10:16927022	SSF x Far_LoA	-10,471	0,035	0,288
CHR10	16927041	CHR10:16927041	SSF x Far_LoA	-9,387	-0,001	0,290
CHR10	16927185	CHR10:16927185	SSF x Far_LoA	1,867	0,147	0,289
CHR10	16927189	CHR10:16927189	SSF x Far_LoA	-7,498	-0,070	0,289
CHR10	16927190	CHR10:16927190	SSF x Far_LoA	-10,108	0,036	0,290
CHR10	16934402	CHR10:16934402	SSF x Far_LoA	-9,494	0,088	0,297
CHR10	16934417	CHR10:16934417	SSF x Far_LoA	-10,473	0,073	0,285
CHR10	16934440	CHR10:16934440	SSF x Far_LoA	-8,954	-0,017	0,275
CHR10	16934594	CHR10:16934594	SSF x Far_LoA	-11,022	0,017	0,273
CHR10	16942626	CHR10:16942626	SSF x Far_LoA	-8,576	-0,039	0,299
CHR10	16942668	CHR10:16942668	SSF x Far_LoA	-9,003	-0,059	0,288
CHR10	16953196	CHR10:16953196	SSF x Far_LoA	-2,407	0,063	0,290
CHR10	16953535	CHR10:16953535	SSF x Far_LoA	-10,141	-0,057	0,301
CHR10	16970683	CHR10:16970683	SSF x Far_LoA	-9,031	-0,041	0,297
CHR10	16970690	CHR10:16970690	SSF x Far_LoA	-10,876	-0,122	0,284
CHR10	16975574	CHR10:16975574	SSF x Far_LoA	-6,909	0,001	0,304
CHR10	16975579	CHR10:16975579	SSF x Far_LoA	-11,528	0,044	0,285
CHR10	16975633	CHR10:16975633	SSF x Far_LoA	-9,877	0,058	0,286
CHR10	16975666	CHR10:16975666	SSF x Far_LoA	-8,130	-0,069	0,292
CHR10	16976466	CHR10:16976466	SSF x Far_LoA	-11,541	0,044	0,283
CHR10	16980114	CHR10:16980114	SSF x Far_LoA	-8,252	0,040	0,302
CHR10	16980124	CHR10:16980124	SSF x Far_LoA	-9,867	0,100	0,301
CHR10	16980133	CHR10:16980133	SSF x Far_LoA	-10,074	0,104	0,293
CHR10	16983225	CHR10:16983225	SSF x Far_LoA	-7,994	0,019	0,296
CHR10	16988551	CHR10:16988551	SSF x Far_LoA	-10,247	-0,034	0,296
CHR10	16988560	CHR10:16988560	SSF x Far_LoA	-9,090	-0,027	0,289
CHR10	17000255	CHR10:17000255	SSF x Far_LoA	-8,009	0,028	0,306
CHR10	17009809	CHR10:17009809	SSF x Far_LoA	-10,101	-0,088	0,294
CHR10	17009813	CHR10:17009813	SSF x Far_LoA	-5,236	0,104	0,293
CHR10	17009906	CHR10:17009906	SSF x Far_LoA	-7,757	0,085	0,293
CHR10	17009910	CHR10:17009910	SSF x Far_LoA	-10,257	-0,071	0,295
CHR10	17009918	CHR10:17009918	SSF x Far_LoA	-9,610	-0,133	0,278
CHR10	17009929	CHR10:17009929	SSF x Far_LoA	-10,230	0,027	0,293
CHR10	17009948	CHR10:17009948	SSF x Far_LoA	-9,698	0,134	0,301
CHR10	17009983	CHR10:17009983	SSF x Far_LoA	-11,163	-0,054	0,300
CHR10	17014079	CHR10:17014079	SSF x Far_LoA	0,354	-0,057	0,302
CHR10	17014141	CHR10:17014141	SSF x Far_LoA	-8,054	-0,017	0,300
CHR10	17014151	CHR10:17014151	SSF x Far_LoA	-9,816	-0,059	0,280
CHR10	17014304	CHR10:17014304	SSF x Far_LoA	-8,055	-0,012	0,294
CHR10	17014361	CHR10:17014361	SSF x Far_LoA	-8,169	0,099	0,290
CHR10	17023747	CHR10:17023747	SSF x Far_LoA	1,961	0,042	0,291
CHR10	17032340	CHR10:17032340	SSF x Far_LoA	-10,610	0,022	0,284
CHR10	17032361	CHR10:17032361	SSF x Far_LoA	-10,121	0,048	0,279
CHR10	17032373	CHR10:17032373	SSF x Far_LoA	-10,005	0,089	0,302
CHR10	17032483	CHR10:17032483	SSF x Far_LoA	-8,579	0,069	0,282
CHR10	17032484	CHR10:17032484	SSF x Far_LoA	-9,157	0,096	0,272
CHR10	17032486	CHR10:17032486	SSF x Far_LoA	-9,412	-0,038	0,294
CHR10	17032518	CHR10:17032518	SSF x Far_LoA	-9,461	0,142	0,304
CHR10	17032556	CHR10:17032556	SSF x Far_LoA	-8,336	-0,005	0,285

CHR10	17032575	CHR10:17032575	SSF x Far_LoA	-7,035	0,032	0,299
CHR10	17042646	CHR10:17042646	SSF x Far_LoA	-7,290	0,125	0,281
CHR10	17042673	CHR10:17042673	SSF x Far_LoA	-7,217	-0,015	0,286
CHR10	17042726	CHR10:17042726	SSF x Far_LoA	-8,833	-0,165	0,299
CHR10	17042737	CHR10:17042737	SSF x Far_LoA	-5,966	-0,091	0,291
CHR10	17042758	CHR10:17042758	SSF x Far_LoA	-3,899	0,190	0,299
CHR10	17046719	CHR10:17046719	SSF x Far_LoA	-11,424	0,004	0,294
CHR10	17046755	CHR10:17046755	SSF x Far_LoA	-8,249	0,115	0,287
CHR10	17046761	CHR10:17046761	SSF x Far_LoA	-8,990	0,004	0,285
CHR10	17046831	CHR10:17046831	SSF x Far_LoA	-10,390	-0,071	0,283
CHR10	17046892	CHR10:17046892	SSF x Far_LoA	-10,408	0,009	0,292
CHR10	17058787	CHR10:17058787	SSF x Far_LoA	-9,208	0,049	0,298
CHR10	17062785	CHR10:17062785	SSF x Far_LoA	-11,243	-0,056	0,289
CHR10	1707219	CHR10:1707219	SSF x Far_LoA	-7,590	-0,031	0,290
CHR10	1707346	CHR10:1707346	SSF x Far_LoA	-9,364	0,009	0,289
CHR10	1707384	CHR10:1707384	SSF x Far_LoA	-10,635	-0,011	0,300
CHR10	17087536	CHR10:17087536	SSF x Far_LoA	-9,991	0,043	0,280
CHR10	17087605	CHR10:17087605	SSF x Far_LoA	-5,516	0,167	0,287
CHR10	17089889	CHR10:17089889	SSF x Far_LoA	-5,662	-0,074	0,287
CHR10	17089981	CHR10:17089981	SSF x Far_LoA	-8,425	0,076	0,287
CHR10	17090013	CHR10:17090013	SSF x Far_LoA	-12,015	-0,025	0,287
CHR10	17095240	CHR10:17095240	SSF x Far_LoA	-10,307	-0,008	0,297
CHR10	17098164	CHR10:17098164	SSF x Far_LoA	-8,993	0,004	0,286
CHR10	17098194	CHR10:17098194	SSF x Far_LoA	-11,237	-0,030	0,288
CHR10	17108416	CHR10:17108416	SSF x Far_LoA	-9,694	-0,030	0,275
CHR10	17108430	CHR10:17108430	SSF x Far_LoA	-8,417	-0,103	0,277
CHR10	17108432	CHR10:17108432	SSF x Far_LoA	-9,494	0,099	0,292
CHR10	17114111	CHR10:17114111	SSF x Far_LoA	-9,190	0,138	0,284
CHR10	17114194	CHR10:17114194	SSF x Far_LoA	-6,504	0,139	0,291
CHR10	17114195	CHR10:17114195	SSF x Far_LoA	-6,028	0,192	0,284
CHR10	17114333	CHR10:17114333	SSF x Far_LoA	-6,027	-0,156	0,287
CHR10	17118658	CHR10:17118658	SSF x Far_LoA	-8,833	0,089	0,292
CHR10	17118660	CHR10:17118660	SSF x Far_LoA	-10,818	-0,015	0,280
CHR10	17118745	CHR10:17118745	SSF x Far_LoA	-11,315	-0,016	0,285
CHR10	1712278	CHR10:1712278	SSF x Far_LoA	-10,416	0,030	0,297
CHR10	1712379	CHR10:1712379	SSF x Far_LoA	-10,617	-0,045	0,292
CHR10	1712480	CHR10:1712480	SSF x Far_LoA	-9,661	-0,001	0,299
CHR10	17141519	CHR10:17141519	SSF x Far_LoA	-9,422	-0,151	0,299
CHR10	17141648	CHR10:17141648	SSF x Far_LoA	-8,736	0,002	0,300
CHR10	17141653	CHR10:17141653	SSF x Far_LoA	-9,963	0,001	0,288
CHR10	17141669	CHR10:17141669	SSF x Far_LoA	-9,554	0,004	0,296
CHR10	17141714	CHR10:17141714	SSF x Far_LoA	-7,346	0,047	0,257
CHR10	17151232	CHR10:17151232	SSF x Far_LoA	-3,417	0,141	0,278
CHR10	17151261	CHR10:17151261	SSF x Far_LoA	-8,088	0,035	0,307
CHR10	17151366	CHR10:17151366	SSF x Far_LoA	-7,019	-0,055	0,302
CHR10	17151396	CHR10:17151396	SSF x Far_LoA	-6,506	0,107	0,280
CHR10	17151399	CHR10:17151399	SSF x Far_LoA	-8,829	0,060	0,280
CHR10	17152862	CHR10:17152862	SSF x Far_LoA	-7,838	0,092	0,300
CHR10	17173454	CHR10:17173454	SSF x Far_LoA	-6,561	0,135	0,282
CHR10	17201902	CHR10:17201902	SSF x Far_LoA	-7,135	0,084	0,306
CHR10	17201918	CHR10:17201918	SSF x Far_LoA	-6,216	-0,139	0,283
CHR10	17201934	CHR10:17201934	SSF x Far_LoA	-9,192	0,008	0,301
CHR10	17202033	CHR10:17202033	SSF x Far_LoA	-9,014	0,075	0,301

CHR10	17215584	CHR10:17215584	SSF x Far_LoA	-7,101	-0,150	0,277
CHR10	17215675	CHR10:17215675	SSF x Far_LoA	-6,958	-0,118	0,290
CHR10	17223047	CHR10:17223047	SSF x Far_LoA	-10,197	-0,074	0,288
CHR10	17226875	CHR10:17226875	SSF x Far_LoA	-7,401	0,121	0,283
CHR10	17226985	CHR10:17226985	SSF x Far_LoA	-8,270	-0,016	0,284
CHR10	17227136	CHR10:17227136	SSF x Far_LoA	-9,022	0,001	0,280
CHR10	17243522	CHR10:17243522	SSF x Far_LoA	-9,223	-0,081	0,287
CHR10	17249736	CHR10:17249736	SSF x Far_LoA	-8,402	0,077	0,286
CHR10	17249773	CHR10:17249773	SSF x Far_LoA	-10,637	0,117	0,298
CHR10	17249912	CHR10:17249912	SSF x Far_LoA	-8,343	-0,073	0,288
CHR10	17249941	CHR10:17249941	SSF x Far_LoA	-9,417	0,022	0,296
CHR10	17260008	CHR10:17260008	SSF x Far_LoA	-9,496	0,017	0,290
CHR10	17260085	CHR10:17260085	SSF x Far_LoA	-8,338	0,005	0,307
CHR10	17264686	CHR10:17264686	SSF x Far_LoA	-7,319	-0,028	0,305
CHR10	17272205	CHR10:17272205	SSF x Far_LoA	-3,553	-0,187	0,275
CHR10	17272352	CHR10:17272352	SSF x Far_LoA	-8,204	-0,046	0,281
CHR10	17278406	CHR10:17278406	SSF x Far_LoA	-11,546	-0,069	0,288
CHR10	17278437	CHR10:17278437	SSF x Far_LoA	-11,325	-0,078	0,293
CHR10	17279742	CHR10:17279742	SSF x Far_LoA	-10,551	-0,019	0,293
CHR10	17279760	CHR10:17279760	SSF x Far_LoA	-10,033	0,119	0,292
CHR10	17279807	CHR10:17279807	SSF x Far_LoA	-9,510	0,035	0,290
CHR10	17279882	CHR10:17279882	SSF x Far_LoA	-7,954	0,065	0,286
CHR10	17279897	CHR10:17279897	SSF x Far_LoA	-8,490	-0,147	0,277
CHR10	17290226	CHR10:17290226	SSF x Far_LoA	4,025	-0,138	0,290
CHR10	17290511	CHR10:17290511	SSF x Far_LoA	-10,524	-0,009	0,296
CHR10	17290523	CHR10:17290523	SSF x Far_LoA	-9,988	-0,098	0,285
CHR10	17302773	CHR10:17302773	SSF x Far_LoA	-8,324	0,182	0,279
CHR10	17302828	CHR10:17302828	SSF x Far_LoA	2,587	0,126	0,302
CHR10	17302850	CHR10:17302850	SSF x Far_LoA	-8,946	-0,041	0,301
CHR10	17307679	CHR10:17307679	SSF x Far_LoA	-8,963	-0,068	0,302
CHR10	17307777	CHR10:17307777	SSF x Far_LoA	-11,014	-0,109	0,282
CHR10	17307824	CHR10:17307824	SSF x Far_LoA	-10,491	-0,040	0,295
CHR10	17311957	CHR10:17311957	SSF x Far_LoA	-11,294	-0,072	0,293
CHR10	17318831	CHR10:17318831	SSF x Far_LoA	-10,475	-0,036	0,297
CHR10	17318913	CHR10:17318913	SSF x Far_LoA	-7,461	-0,046	0,294
CHR10	17318933	CHR10:17318933	SSF x Far_LoA	-10,440	0,082	0,296
CHR10	17318953	CHR10:17318953	SSF x Far_LoA	-9,903	-0,100	0,293
CHR10	17323104	CHR10:17323104	SSF x Far_LoA	-6,801	0,023	0,303
CHR10	17334640	CHR10:17334640	SSF x Far_LoA	-11,562	0,026	0,288
CHR10	17334733	CHR10:17334733	SSF x Far_LoA	-7,371	0,041	0,310
CHR10	17344668	CHR10:17344668	SSF x Far_LoA	-0,828	-0,013	0,299
CHR10	17344675	CHR10:17344675	SSF x Far_LoA	-5,740	0,063	0,289
CHR10	17344737	CHR10:17344737	SSF x Far_LoA	-11,927	0,065	0,289
CHR10	17344757	CHR10:17344757	SSF x Far_LoA	-9,855	0,114	0,280
CHR10	17344794	CHR10:17344794	SSF x Far_LoA	-10,473	0,037	0,277
CHR10	17344881	CHR10:17344881	SSF x Far_LoA	-7,793	0,118	0,280
CHR10	17344920	CHR10:17344920	SSF x Far_LoA	-12,150	0,031	0,286
CHR10	1734671	CHR10:1734671	SSF x Far_LoA	-9,664	-0,046	0,282
CHR10	1734691	CHR10:1734691	SSF x Far_LoA	-6,143	-0,127	0,285
CHR10	1734816	CHR10:1734816	SSF x Far_LoA	-7,362	-0,098	0,285
CHR10	1734900	CHR10:1734900	SSF x Far_LoA	-8,932	-0,020	0,287
CHR10	17355508	CHR10:17355508	SSF x Far_LoA	-9,181	-0,122	0,309
CHR10	17355515	CHR10:17355515	SSF x Far_LoA	-11,175	0,118	0,280

CHR10	17355536	CHR10:17355536	SSF x Far_LoA	-8,546	-0,081	0,289
CHR10	17355585	CHR10:17355585	SSF x Far_LoA	1,194	-0,160	0,294
CHR10	17355657	CHR10:17355657	SSF x Far_LoA	-9,442	-0,096	0,297
CHR10	17372798	CHR10:17372798	SSF x Far_LoA	-11,180	-0,029	0,299
CHR10	17372831	CHR10:17372831	SSF x Far_LoA	-11,931	-0,015	0,296
CHR10	17372887	CHR10:17372887	SSF x Far_LoA	-11,687	0,031	0,291
CHR10	17372954	CHR10:17372954	SSF x Far_LoA	-7,899	0,114	0,296
CHR10	17372983	CHR10:17372983	SSF x Far_LoA	-9,059	-0,100	0,299
CHR10	17373006	CHR10:17373006	SSF x Far_LoA	-10,508	-0,009	0,299
CHR10	17373052	CHR10:17373052	SSF x Far_LoA	-4,279	0,172	0,275
CHR10	17404550	CHR10:17404550	SSF x Far_LoA	-10,526	-0,049	0,280
CHR10	17404615	CHR10:17404615	SSF x Far_LoA	-8,033	-0,152	0,298
CHR10	17404648	CHR10:17404648	SSF x Far_LoA	-9,060	-0,029	0,289
CHR10	17404681	CHR10:17404681	SSF x Far_LoA	-11,376	0,009	0,285
CHR10	17404710	CHR10:17404710	SSF x Far_LoA	-9,029	-0,012	0,290
CHR10	17404749	CHR10:17404749	SSF x Far_LoA	-9,079	-0,078	0,287
CHR10	17404762	CHR10:17404762	SSF x Far_LoA	-8,426	-0,047	0,277
CHR10	17404802	CHR10:17404802	SSF x Far_LoA	-7,887	-0,057	0,298
CHR10	17404878	CHR10:17404878	SSF x Far_LoA	-9,602	-0,107	0,303
CHR10	17408582	CHR10:17408582	SSF x Far_LoA	-9,362	-0,094	0,301
CHR10	17408602	CHR10:17408602	SSF x Far_LoA	-11,482	-0,044	0,287
CHR10	17408621	CHR10:17408621	SSF x Far_LoA	-11,286	-0,021	0,283
CHR10	17408681	CHR10:17408681	SSF x Far_LoA	-9,594	-0,014	0,301
CHR10	17408692	CHR10:17408692	SSF x Far_LoA	-10,454	0,068	0,291
CHR10	17408696	CHR10:17408696	SSF x Far_LoA	-10,478	0,052	0,284
CHR10	17408700	CHR10:17408700	SSF x Far_LoA	-7,793	0,071	0,285
CHR10	17408750	CHR10:17408750	SSF x Far_LoA	-8,734	-0,029	0,300
CHR10	17408757	CHR10:17408757	SSF x Far_LoA	-9,329	-0,011	0,293
CHR10	17408768	CHR10:17408768	SSF x Far_LoA	-8,891	-0,033	0,303
CHR10	17408779	CHR10:17408779	SSF x Far_LoA	-10,763	0,074	0,292
CHR10	17429468	CHR10:17429468	SSF x Far_LoA	-9,526	-0,048	0,298
CHR10	17429523	CHR10:17429523	SSF x Far_LoA	-8,967	0,105	0,290
CHR10	1744270	CHR10:1744270	SSF x Far_LoA	-8,609	-0,071	0,263
CHR10	17454745	CHR10:17454745	SSF x Far_LoA	-6,539	-0,174	0,292
CHR10	17456334	CHR10:17456334	SSF x Far_LoA	-9,764	-0,032	0,295
CHR10	17472871	CHR10:17472871	SSF x Far_LoA	-9,056	0,075	0,287
CHR10	17489028	CHR10:17489028	SSF x Far_LoA	-7,299	0,086	0,305
CHR10	17491952	CHR10:17491952	SSF x Far_LoA	-10,713	0,026	0,302
CHR10	17522063	CHR10:17522063	SSF x Far_LoA	-7,800	-0,064	0,294
CHR10	17531632	CHR10:17531632	SSF x Far_LoA	-8,771	-0,023	0,303
CHR10	17531648	CHR10:17531648	SSF x Far_LoA	-8,556	0,137	0,293
CHR10	17531655	CHR10:17531655	SSF x Far_LoA	-8,572	0,128	0,279
CHR10	17531700	CHR10:17531700	SSF x Far_LoA	-8,920	0,032	0,307
CHR10	17540299	CHR10:17540299	SSF x Far_LoA	-9,221	0,161	0,278
CHR10	17540354	CHR10:17540354	SSF x Far_LoA	-7,738	-0,160	0,266
CHR10	17540379	CHR10:17540379	SSF x Far_LoA	-9,232	0,068	0,292
CHR10	17540398	CHR10:17540398	SSF x Far_LoA	-10,196	-0,112	0,279
CHR10	17563036	CHR10:17563036	SSF x Far_LoA	-5,027	0,123	0,298
CHR10	17563043	CHR10:17563043	SSF x Far_LoA	-8,600	0,034	0,283
CHR10	17563156	CHR10:17563156	SSF x Far_LoA	-10,395	0,046	0,295
CHR10	17563176	CHR10:17563176	SSF x Far_LoA	-7,930	-0,019	0,299
CHR10	17563241	CHR10:17563241	SSF x Far_LoA	-8,783	0,060	0,294
CHR10	17566766	CHR10:17566766	SSF x Far_LoA	-10,748	-0,022	0,275

CHR10	17566780	CHR10:1756678(	SSF x Far_LoA	-9,889	0,098	0,280
CHR10	17566807	CHR10:1756680[	SSF x Far_LoA	-9,347	0,037	0,291
CHR10	17566862	CHR10:1756686[	SSF x Far_LoA	-7,528	-0,084	0,279
CHR10	17589828	CHR10:1758982[	SSF x Far_LoA	-8,802	0,058	0,297
CHR10	17594553	CHR10:1759455[	SSF x Far_LoA	-8,842	-0,065	0,287
CHR10	17594603	CHR10:1759460[	SSF x Far_LoA	-7,596	-0,044	0,308
CHR10	17596816	CHR10:1759681(	SSF x Far_LoA	-6,645	-0,109	0,297
CHR10	17596863	CHR10:1759686[	SSF x Far_LoA	-7,233	-0,127	0,288
CHR10	17596992	CHR10:1759699[	SSF x Far_LoA	-6,155	0,147	0,298
CHR10	17597002	CHR10:1759700[	SSF x Far_LoA	-12,534	0,010	0,282
CHR10	17597044	CHR10:1759704(	SSF x Far_LoA	-9,738	0,061	0,300
CHR10	17625637	CHR10:1762563[	SSF x Far_LoA	-8,955	0,080	0,308
CHR10	17631238	CHR10:1763123[	SSF x Far_LoA	-8,804	-0,007	0,297
CHR10	17631241	CHR10:1763124[	SSF x Far_LoA	-9,150	0,009	0,296
CHR10	17637879	CHR10:1763787[	SSF x Far_LoA	-9,759	-0,139	0,301
CHR10	17637914	CHR10:1763791(	SSF x Far_LoA	2,772	-0,010	0,296
CHR10	17637937	CHR10:1763793[	SSF x Far_LoA	-10,626	-0,025	0,303
CHR10	17637961	CHR10:1763796[	SSF x Far_LoA	-10,535	-0,093	0,305
CHR10	17657246	CHR10:1765724(	SSF x Far_LoA	-11,034	-0,082	0,282
CHR10	17657247	CHR10:1765724[	SSF x Far_LoA	-10,544	-0,047	0,295
CHR10	17657270	CHR10:1765727[	SSF x Far_LoA	-9,766	-0,096	0,297
CHR10	17657271	CHR10:1765727[	SSF x Far_LoA	-6,131	-0,067	0,276
CHR10	17657280	CHR10:1765728[	SSF x Far_LoA	-9,424	-0,062	0,289
CHR10	17657324	CHR10:1765732(	SSF x Far_LoA	-8,799	-0,112	0,297
CHR10	17657340	CHR10:1765734[	SSF x Far_LoA	-9,200	-0,119	0,305
CHR10	17657355	CHR10:1765735[	SSF x Far_LoA	-9,284	-0,118	0,290
CHR10	1765940	CHR10:1765940	SSF x Far_LoA	-8,849	0,057	0,297
CHR10	17666034	CHR10:1766603(	SSF x Far_LoA	-11,092	0,012	0,286
CHR10	17674448	CHR10:1767444[	SSF x Far_LoA	-9,368	0,012	0,291
CHR10	17674486	CHR10:1767448[	SSF x Far_LoA	-10,304	0,032	0,296
CHR10	17674528	CHR10:1767452[	SSF x Far_LoA	-8,712	-0,049	0,286
CHR10	17690504	CHR10:1769050(	SSF x Far_LoA	-8,966	-0,026	0,295
CHR10	17690526	CHR10:1769052[	SSF x Far_LoA	-9,636	-0,019	0,278
CHR10	17690539	CHR10:1769053[	SSF x Far_LoA	-8,995	0,005	0,303
CHR10	17690570	CHR10:1769057[	SSF x Far_LoA	-8,561	0,101	0,300
CHR10	17696923	CHR10:1769692[	SSF x Far_LoA	-9,803	-0,040	0,288
CHR10	17696942	CHR10:1769694[	SSF x Far_LoA	-8,450	-0,069	0,292
CHR10	17696946	CHR10:1769694(	SSF x Far_LoA	-7,546	-0,195	0,275
CHR10	17711956	CHR10:1771195(	SSF x Far_LoA	-9,830	0,018	0,285
CHR10	17711961	CHR10:1771196[	SSF x Far_LoA	-8,530	0,001	0,298
CHR10	17711998	CHR10:1771199[	SSF x Far_LoA	-10,332	-0,055	0,279
CHR10	17712045	CHR10:1771204[	SSF x Far_LoA	-9,634	-0,037	0,299
CHR10	17712049	CHR10:1771204[	SSF x Far_LoA	-7,663	-0,057	0,297
CHR10	17719738	CHR10:1771973[	SSF x Far_LoA	-6,967	0,151	0,287
CHR10	17719751	CHR10:1771975[	SSF x Far_LoA	0,176	-0,188	0,300
CHR10	17719792	CHR10:1771979[	SSF x Far_LoA	-2,264	-0,120	0,291
CHR10	17719877	CHR10:1771987[	SSF x Far_LoA	-7,683	-0,092	0,303
CHR10	17729551	CHR10:1772955[	SSF x Far_LoA	-7,939	-0,058	0,278
CHR10	17729560	CHR10:1772956(	SSF x Far_LoA	-8,834	-0,048	0,285
CHR10	17731296	CHR10:1773129[	SSF x Far_LoA	-7,707	-0,128	0,288
CHR10	17731314	CHR10:1773131[	SSF x Far_LoA	-8,955	-0,003	0,271
CHR10	17731403	CHR10:1773140[	SSF x Far_LoA	-11,549	0,044	0,294
CHR10	1774227	CHR10:1774227	SSF x Far_LoA	-10,744	-0,043	0,300

CHR10	1774266	CHR10:1774266	SSF x Far_LoA	-8,735	-0,022	0,305
CHR10	17747279	CHR10:1774727	SSF x Far_LoA	-10,168	-0,038	0,294
CHR10	17784196	CHR10:1778419	SSF x Far_LoA	-6,873	0,019	0,306
CHR10	17784208	CHR10:1778420	SSF x Far_LoA	-10,532	0,116	0,284
CHR10	17784250	CHR10:1778425	SSF x Far_LoA	-9,256	0,037	0,294
CHR10	17784277	CHR10:1778427	SSF x Far_LoA	-7,590	0,096	0,297
CHR10	17784279	CHR10:1778427	SSF x Far_LoA	-9,036	0,160	0,292
CHR10	17784334	CHR10:1778433	SSF x Far_LoA	-11,561	-0,038	0,279
CHR10	17784405	CHR10:1778440	SSF x Far_LoA	-9,835	-0,089	0,282
CHR10	1780749	CHR10:1780749	SSF x Far_LoA	-2,217	-0,101	0,288
CHR10	1780839	CHR10:1780839	SSF x Far_LoA	-7,886	0,060	0,300
CHR10	17829496	CHR10:1782949	SSF x Far_LoA	-5,220	0,104	0,294
CHR10	17838679	CHR10:1783867	SSF x Far_LoA	-6,523	-0,160	0,286
CHR10	17838681	CHR10:1783868	SSF x Far_LoA	-7,860	0,003	0,288
CHR10	17838690	CHR10:1783869	SSF x Far_LoA	-7,488	-0,187	0,289
CHR10	17838887	CHR10:1783888	SSF x Far_LoA	-9,950	-0,040	0,285
CHR10	17838890	CHR10:1783889	SSF x Far_LoA	-9,227	0,038	0,279
CHR10	17838901	CHR10:1783890	SSF x Far_LoA	-9,464	-0,043	0,282
CHR10	17838927	CHR10:1783892	SSF x Far_LoA	-8,717	0,143	0,287
CHR10	17841034	CHR10:1784103	SSF x Far_LoA	-10,573	-0,001	0,293
CHR10	17841053	CHR10:1784105	SSF x Far_LoA	-9,605	-0,080	0,289
CHR10	17841073	CHR10:1784107	SSF x Far_LoA	-11,147	0,007	0,293
CHR10	17841130	CHR10:1784113	SSF x Far_LoA	-5,650	-0,106	0,292
CHR10	17841170	CHR10:1784117	SSF x Far_LoA	-9,705	-0,084	0,279
CHR10	17841183	CHR10:1784118	SSF x Far_LoA	-5,934	0,140	0,294
CHR10	17841184	CHR10:1784118	SSF x Far_LoA	-8,451	0,108	0,297
CHR10	17841194	CHR10:1784119	SSF x Far_LoA	-10,039	-0,025	0,293
CHR10	17850443	CHR10:1785044	SSF x Far_LoA	-7,697	0,030	0,283
CHR10	17850544	CHR10:1785054	SSF x Far_LoA	-5,051	-0,071	0,279
CHR10	17850583	CHR10:1785058	SSF x Far_LoA	-9,553	0,087	0,292
CHR10	17850697	CHR10:1785069	SSF x Far_LoA	-8,987	-0,119	0,266
CHR10	17855190	CHR10:1785519	SSF x Far_LoA	-5,333	-0,116	0,302
CHR10	17855353	CHR10:1785535	SSF x Far_LoA	-9,184	-0,066	0,289
CHR10	17860043	CHR10:1786004	SSF x Far_LoA	-8,665	0,095	0,296
CHR10	17860057	CHR10:1786005	SSF x Far_LoA	-7,847	0,037	0,295
CHR10	17860125	CHR10:1786012	SSF x Far_LoA	-7,921	-0,049	0,299
CHR10	17860178	CHR10:1786017	SSF x Far_LoA	-9,218	0,025	0,289
CHR10	17860183	CHR10:1786018	SSF x Far_LoA	-9,881	0,004	0,280
CHR10	17860196	CHR10:1786019	SSF x Far_LoA	-8,638	-0,086	0,307
CHR10	17860232	CHR10:1786023	SSF x Far_LoA	-6,564	0,068	0,294
CHR10	17871560	CHR10:1787156	SSF x Far_LoA	-3,350	0,207	0,277
CHR10	17872102	CHR10:1787210	SSF x Far_LoA	-1,274	0,125	0,278
CHR10	17872105	CHR10:1787210	SSF x Far_LoA	-8,876	0,140	0,298
CHR10	17872121	CHR10:1787212	SSF x Far_LoA	-11,131	-0,024	0,294
CHR10	17872162	CHR10:1787216	SSF x Far_LoA	-11,082	0,027	0,294
CHR10	17872169	CHR10:1787216	SSF x Far_LoA	-8,524	-0,090	0,296
CHR10	17886105	CHR10:1788610	SSF x Far_LoA	-11,199	-0,039	0,301
CHR10	17886112	CHR10:1788611	SSF x Far_LoA	-11,138	0,065	0,296
CHR10	17886372	CHR10:1788637	SSF x Far_LoA	-10,484	-0,045	0,298
CHR10	17886400	CHR10:1788640	SSF x Far_LoA	-9,738	-0,025	0,279
CHR10	17909510	CHR10:1790951	SSF x Far_LoA	-10,935	-0,063	0,283
CHR10	17909529	CHR10:1790952	SSF x Far_LoA	-6,568	-0,035	0,291
CHR10	17912162	CHR10:1791216	SSF x Far_LoA	-9,104	-0,139	0,286

CHR10	17912173	CHR10:17912173	SSF x Far_LoA	-7,813	0,072	0,264
CHR10	17912206	CHR10:17912206	SSF x Far_LoA	-11,084	0,066	0,285
CHR10	17912226	CHR10:17912226	SSF x Far_LoA	-4,275	0,147	0,271
CHR10	17912230	CHR10:17912230	SSF x Far_LoA	-10,853	0,017	0,290
CHR10	17912249	CHR10:17912249	SSF x Far_LoA	-6,669	0,154	0,286
CHR10	17913047	CHR10:17913047	SSF x Far_LoA	-10,560	0,059	0,283
CHR10	1794020	CHR10:1794020	SSF x Far_LoA	-7,965	-0,010	0,297
CHR10	17940778	CHR10:17940778	SSF x Far_LoA	-11,719	0,088	0,284
CHR10	17940956	CHR10:17940956	SSF x Far_LoA	-7,749	-0,133	0,286
CHR10	1794170	CHR10:1794170	SSF x Far_LoA	-7,665	0,008	0,312
CHR10	1794470	CHR10:1794470	SSF x Far_LoA	-9,958	0,204	0,281
CHR10	17972098	CHR10:17972098	SSF x Far_LoA	-6,951	-0,083	0,302
CHR10	17972131	CHR10:17972131	SSF x Far_LoA	-11,767	0,015	0,305
CHR10	17972146	CHR10:17972146	SSF x Far_LoA	-8,344	-0,013	0,285
CHR10	17973387	CHR10:17973387	SSF x Far_LoA	-10,854	0,030	0,296
CHR10	18004804	CHR10:18004804	SSF x Far_LoA	-5,636	-0,047	0,306
CHR10	1802083	CHR10:1802083	SSF x Far_LoA	-8,233	0,028	0,286
CHR10	1802108	CHR10:1802108	SSF x Far_LoA	-7,606	0,062	0,290
CHR10	1802221	CHR10:1802221	SSF x Far_LoA	-9,765	-0,092	0,301
CHR10	1802246	CHR10:1802246	SSF x Far_LoA	-8,422	-0,126	0,298
CHR10	18028599	CHR10:18028599	SSF x Far_LoA	-4,457	0,121	0,299
CHR10	18032766	CHR10:18032766	SSF x Far_LoA	-11,780	0,031	0,280
CHR10	18032791	CHR10:18032791	SSF x Far_LoA	-11,805	0,053	0,278
CHR10	18044790	CHR10:18044790	SSF x Far_LoA	-9,561	0,001	0,294
CHR10	18044848	CHR10:18044848	SSF x Far_LoA	-8,773	0,022	0,300
CHR10	18044889	CHR10:18044889	SSF x Far_LoA	-8,501	0,013	0,307
CHR10	1808145	CHR10:1808145	SSF x Far_LoA	-11,053	0,003	0,297
CHR10	1808189	CHR10:1808189	SSF x Far_LoA	-8,026	-0,049	0,293
CHR10	1823928	CHR10:1823928	SSF x Far_LoA	-8,953	0,108	0,294
CHR10	1843195	CHR10:1843195	SSF x Far_LoA	-9,333	0,048	0,302
CHR10	1843304	CHR10:1843304	SSF x Far_LoA	-10,400	0,051	0,292
CHR10	1848721	CHR10:1848721	SSF x Far_LoA	-7,748	0,017	0,302
CHR10	1854835	CHR10:1854835	SSF x Far_LoA	-6,926	0,156	0,290
CHR10	1854979	CHR10:1854979	SSF x Far_LoA	-11,443	0,021	0,306
CHR10	1855058	CHR10:1855058	SSF x Far_LoA	-7,474	-0,061	0,291
CHR10	1860435	CHR10:1860435	SSF x Far_LoA	-9,587	0,034	0,290
CHR10	1861150	CHR10:1861150	SSF x Far_LoA	-8,826	-0,182	0,280
CHR10	1864924	CHR10:1864924	SSF x Far_LoA	-7,974	0,006	0,299
CHR10	1864929	CHR10:1864929	SSF x Far_LoA	-8,404	0,014	0,292
CHR10	1864938	CHR10:1864938	SSF x Far_LoA	-7,628	0,030	0,290
CHR10	1864969	CHR10:1864969	SSF x Far_LoA	-9,307	-0,024	0,275
CHR10	1864985	CHR10:1864985	SSF x Far_LoA	-10,400	0,037	0,285
CHR10	1865005	CHR10:1865005	SSF x Far_LoA	-6,613	-0,111	0,280
CHR10	1865092	CHR10:1865092	SSF x Far_LoA	-6,370	0,079	0,292
CHR10	1872277	CHR10:1872277	SSF x Far_LoA	-11,530	-0,074	0,285
CHR10	1872366	CHR10:1872366	SSF x Far_LoA	-9,089	0,054	0,272
CHR10	1872457	CHR10:1872457	SSF x Far_LoA	-11,163	0,110	0,302
CHR10	1872491	CHR10:1872491	SSF x Far_LoA	-6,687	-0,001	0,292
CHR10	1872534	CHR10:1872534	SSF x Far_LoA	-7,445	0,153	0,295
CHR10	1876050	CHR10:1876050	SSF x Far_LoA	-11,893	0,056	0,283
CHR10	1876097	CHR10:1876097	SSF x Far_LoA	-9,799	-0,007	0,286
CHR10	1876105	CHR10:1876105	SSF x Far_LoA	-7,832	-0,098	0,292
CHR10	1876168	CHR10:1876168	SSF x Far_LoA	-11,009	0,009	0,293

CHR10	1890246	CHR10:1890246	SSF x Far_LoA	-10,050	-0,061	0,282
CHR10	1890288	CHR10:1890288	SSF x Far_LoA	-7,676	-0,107	0,307
CHR10	1890302	CHR10:1890302	SSF x Far_LoA	-11,535	-0,123	0,264
CHR10	1890419	CHR10:1890419	SSF x Far_LoA	-9,438	-0,027	0,284
CHR10	1894008	CHR10:1894008	SSF x Far_LoA	-8,840	0,118	0,298
CHR10	1894055	CHR10:1894055	SSF x Far_LoA	-9,716	0,089	0,297
CHR10	1894165	CHR10:1894165	SSF x Far_LoA	-9,720	-0,142	0,291
CHR10	1894333	CHR10:1894333	SSF x Far_LoA	-10,284	0,040	0,294
CHR10	19200659	CHR10:1920065	SSF x Far_LoA	-9,436	0,065	0,301
CHR10	19237368	CHR10:1923736	SSF x Far_LoA	-7,099	0,064	0,271
CHR10	19237373	CHR10:1923737	SSF x Far_LoA	-7,002	0,068	0,275
CHR10	1927459	CHR10:1927459	SSF x Far_LoA	-8,657	-0,104	0,307
CHR10	1927474	CHR10:1927474	SSF x Far_LoA	-9,994	-0,076	0,300
CHR10	19278005	CHR10:1927800	SSF x Far_LoA	-10,820	0,082	0,289
CHR10	19281915	CHR10:1928191	SSF x Far_LoA	-9,712	-0,005	0,272
CHR10	19281928	CHR10:1928192	SSF x Far_LoA	-9,228	-0,004	0,296
CHR10	19281949	CHR10:1928194	SSF x Far_LoA	-6,787	-0,004	0,287
CHR10	19289415	CHR10:1928941	SSF x Far_LoA	-10,289	0,030	0,269
CHR10	19307345	CHR10:1930734	SSF x Far_LoA	-9,100	0,023	0,268
CHR10	19307411	CHR10:1930741	SSF x Far_LoA	-9,289	0,033	0,269
CHR10	19307419	CHR10:1930741	SSF x Far_LoA	-9,180	-0,006	0,274
CHR10	19318622	CHR10:1931862	SSF x Far_LoA	-11,211	-0,019	0,299
CHR10	19318716	CHR10:1931871	SSF x Far_LoA	-9,228	-0,082	0,279
CHR10	19318874	CHR10:1931887	SSF x Far_LoA	-8,743	-0,062	0,274
CHR10	19334944	CHR10:1933494	SSF x Far_LoA	-7,427	-0,059	0,299
CHR10	19336228	CHR10:1933622	SSF x Far_LoA	-8,325	-0,011	0,290
CHR10	19369484	CHR10:1936948	SSF x Far_LoA	-7,198	-0,047	0,290
CHR10	19369559	CHR10:1936955	SSF x Far_LoA	-8,768	-0,047	0,291
CHR10	19377520	CHR10:1937752	SSF x Far_LoA	-8,691	-0,155	0,273
CHR10	19377589	CHR10:1937758	SSF x Far_LoA	-9,943	-0,095	0,272
CHR10	1938388	CHR10:1938388	SSF x Far_LoA	-11,620	-0,026	0,298
CHR10	19397479	CHR10:1939747	SSF x Far_LoA	-11,925	0,001	0,288
CHR10	19424624	CHR10:1942462	SSF x Far_LoA	-8,267	0,015	0,283
CHR10	19424691	CHR10:1942469	SSF x Far_LoA	-9,015	0,058	0,304
CHR10	19424778	CHR10:1942477	SSF x Far_LoA	-8,748	0,034	0,306
CHR10	19424784	CHR10:1942478	SSF x Far_LoA	-7,095	0,136	0,277
CHR10	19449774	CHR10:1944977	SSF x Far_LoA	-9,464	0,093	0,291
CHR10	19449785	CHR10:1944978	SSF x Far_LoA	-9,886	-0,014	0,277
CHR10	19449872	CHR10:1944987	SSF x Far_LoA	-1,706	-0,071	0,295
CHR10	19449875	CHR10:1944987	SSF x Far_LoA	-11,033	0,018	0,277
CHR10	19449932	CHR10:1944993	SSF x Far_LoA	-11,106	0,004	0,294
CHR10	19449940	CHR10:1944994	SSF x Far_LoA	-5,767	-0,050	0,284
CHR10	19450039	CHR10:1945003	SSF x Far_LoA	-9,008	-0,062	0,294
CHR10	19450040	CHR10:1945004	SSF x Far_LoA	-7,665	-0,059	0,295
CHR10	1946318	CHR10:1946318	SSF x Far_LoA	-9,721	-0,028	0,297
CHR10	19471533	CHR10:1947153	SSF x Far_LoA	-8,107	-0,066	0,306
CHR10	19471568	CHR10:1947156	SSF x Far_LoA	-11,050	0,004	0,285
CHR10	19474482	CHR10:1947448	SSF x Far_LoA	-11,074	0,060	0,281
CHR10	19474523	CHR10:1947452	SSF x Far_LoA	-10,152	0,019	0,304
CHR10	19474630	CHR10:1947463	SSF x Far_LoA	-6,160	0,080	0,281
CHR10	19474723	CHR10:1947472	SSF x Far_LoA	-10,912	0,043	0,286
CHR10	19495598	CHR10:1949559	SSF x Far_LoA	-7,896	-0,017	0,286
CHR10	19495612	CHR10:1949561	SSF x Far_LoA	-8,849	-0,130	0,292

CHR10	2E+07	CHR10:19508162	SSF x Far_LoA	-11,477	0,044	0,286
CHR10	2E+07	CHR10:19508256	SSF x Far_LoA	-10,611	0,028	0,286
CHR10	2E+07	CHR10:19517037	SSF x Far_LoA	-10,441	-0,017	0,292
CHR10	2E+07	CHR10:19517050	SSF x Far_LoA	-9,200	-0,015	0,290
CHR10	2E+07	CHR10:19517214	SSF x Far_LoA	-10,866	-0,013	0,288
CHR10	2E+07	CHR10:19517218	SSF x Far_LoA	-8,742	-0,005	0,287
CHR10	2E+07	CHR10:19526331	SSF x Far_LoA	-8,467	-0,038	0,304
CHR10	2E+07	CHR10:19532842	SSF x Far_LoA	-4,803	-0,085	0,290
CHR10	2E+07	CHR10:19532844	SSF x Far_LoA	-8,625	-0,069	0,291
CHR10	2E+07	CHR10:19532849	SSF x Far_LoA	-5,578	-0,086	0,299
CHR10	2E+07	CHR10:19532875	SSF x Far_LoA	-10,479	0,050	0,299
CHR10	2E+07	CHR10:19534414	SSF x Far_LoA	-9,223	0,026	0,297
CHR10	2E+07	CHR10:19538737	SSF x Far_LoA	-10,096	-0,001	0,291
CHR10	2E+07	CHR10:19549813	SSF x Far_LoA	-9,577	0,003	0,294
CHR10	2E+07	CHR10:19551151	SSF x Far_LoA	-10,990	0,047	0,302
CHR10	2E+07	CHR10:19551157	SSF x Far_LoA	-8,951	0,032	0,291
CHR10	2E+07	CHR10:19551210	SSF x Far_LoA	-10,238	-0,020	0,297
CHR10	2E+07	CHR10:19586941	SSF x Far_LoA	-11,444	0,060	0,276
CHR10	1959412	CHR10:1959412	SSF x Far_LoA	-9,434	-0,067	0,299
CHR10	1959463	CHR10:1959463	SSF x Far_LoA	-6,087	0,098	0,285
CHR10	2E+07	CHR10:19596107	SSF x Far_LoA	-9,737	0,050	0,301
CHR10	2E+07	CHR10:19596117	SSF x Far_LoA	-11,942	-0,002	0,298
CHR10	2E+07	CHR10:19596149	SSF x Far_LoA	-8,924	-0,043	0,299
CHR10	2E+07	CHR10:19596184	SSF x Far_LoA	-9,667	-0,081	0,292
CHR10	2E+07	CHR10:19596316	SSF x Far_LoA	-10,323	-0,003	0,299
CHR10	2E+07	CHR10:19611518	SSF x Far_LoA	-9,196	-0,031	0,306
CHR10	2E+07	CHR10:19611520	SSF x Far_LoA	-7,610	-0,039	0,306
CHR10	2E+07	CHR10:19611540	SSF x Far_LoA	-10,310	-0,009	0,282
CHR10	2E+07	CHR10:19620830	SSF x Far_LoA	-9,012	-0,031	0,287
CHR10	2E+07	CHR10:19621079	SSF x Far_LoA	-9,160	-0,014	0,291
CHR10	1962479	CHR10:1962479	SSF x Far_LoA	-7,264	-0,148	0,298
CHR10	1962492	CHR10:1962492	SSF x Far_LoA	-11,522	-0,042	0,298
CHR10	2E+07	CHR10:19627343	SSF x Far_LoA	-10,974	0,006	0,286
CHR10	2E+07	CHR10:19643956	SSF x Far_LoA	-6,794	0,093	0,296
CHR10	2E+07	CHR10:19660909	SSF x Far_LoA	-9,419	-0,049	0,279
CHR10	2E+07	CHR10:19667663	SSF x Far_LoA	-7,665	-0,139	0,291
CHR10	2E+07	CHR10:19668160	SSF x Far_LoA	-9,170	0,059	0,297
CHR10	2E+07	CHR10:19689542	SSF x Far_LoA	-9,110	-0,069	0,302
CHR10	2E+07	CHR10:19689650	SSF x Far_LoA	-11,743	-0,012	0,284
CHR10	2E+07	CHR10:19693247	SSF x Far_LoA	-10,112	0,006	0,291
CHR10	2E+07	CHR10:19693386	SSF x Far_LoA	-11,112	-0,036	0,284
CHR10	2E+07	CHR10:19701756	SSF x Far_LoA	-9,925	-0,021	0,284
CHR10	2E+07	CHR10:19701922	SSF x Far_LoA	-8,538	-0,067	0,289
CHR10	2E+07	CHR10:19701937	SSF x Far_LoA	-6,347	-0,064	0,290
CHR10	2E+07	CHR10:19711549	SSF x Far_LoA	-10,621	0,057	0,290
CHR10	2E+07	CHR10:19711555	SSF x Far_LoA	-9,982	0,100	0,280
CHR10	2E+07	CHR10:19711579	SSF x Far_LoA	-8,465	0,002	0,298
CHR10	2E+07	CHR10:19711601	SSF x Far_LoA	-8,325	0,064	0,297
CHR10	2E+07	CHR10:19711649	SSF x Far_LoA	-10,436	-0,013	0,279
CHR10	2E+07	CHR10:19711678	SSF x Far_LoA	-11,168	0,032	0,295
CHR10	2E+07	CHR10:19718379	SSF x Far_LoA	-9,657	-0,036	0,289
CHR10	2E+07	CHR10:19733575	SSF x Far_LoA	-11,397	0,057	0,285
CHR10	2E+07	CHR10:19767197	SSF x Far_LoA	-8,758	-0,125	0,293

CHR10	2E+07	CHR10:19767348	SSF x Far_LoA	-10,426	-0,084	0,293
CHR10	2E+07	CHR10:19767388	SSF x Far_LoA	-9,670	-0,039	0,297
CHR10	2E+07	CHR10:19773454	SSF x Far_LoA	-8,412	0,049	0,296
CHR10	2E+07	CHR10:19773551	SSF x Far_LoA	-7,825	0,058	0,294
CHR10	2E+07	CHR10:19773566	SSF x Far_LoA	-11,252	-0,031	0,286
CHR10	2E+07	CHR10:19773607	SSF x Far_LoA	-8,506	0,098	0,297
CHR10	2E+07	CHR10:19777797	SSF x Far_LoA	-9,203	0,063	0,294
CHR10	2E+07	CHR10:19778036	SSF x Far_LoA	-9,328	0,053	0,295
CHR10	2E+07	CHR10:19784716	SSF x Far_LoA	-9,968	-0,027	0,285
CHR10	2E+07	CHR10:19784803	SSF x Far_LoA	-8,499	0,041	0,288
CHR10	2E+07	CHR10:19784823	SSF x Far_LoA	-9,362	0,072	0,282
CHR10	2E+07	CHR10:19784883	SSF x Far_LoA	-3,340	-0,080	0,305
CHR10	2E+07	CHR10:19792786	SSF x Far_LoA	-6,841	-0,103	0,289
CHR10	2E+07	CHR10:19798615	SSF x Far_LoA	-10,695	-0,065	0,276
CHR10	2E+07	CHR10:19798822	SSF x Far_LoA	-10,643	0,009	0,305
CHR10	2E+07	CHR10:19800448	SSF x Far_LoA	-11,112	-0,027	0,288
CHR10	2E+07	CHR10:19806040	SSF x Far_LoA	-8,381	-0,120	0,295
CHR10	2E+07	CHR10:19818560	SSF x Far_LoA	-9,098	-0,135	0,288
CHR10	1982663	CHR10:1982663	SSF x Far_LoA	-7,748	0,077	0,297
CHR10	2E+07	CHR10:19829502	SSF x Far_LoA	-9,202	-0,027	0,288
CHR10	2E+07	CHR10:19829509	SSF x Far_LoA	-8,940	-0,021	0,303
CHR10	2E+07	CHR10:19829530	SSF x Far_LoA	-8,315	-0,057	0,308
CHR10	2E+07	CHR10:19829540	SSF x Far_LoA	-10,571	-0,030	0,308
CHR10	2E+07	CHR10:19831695	SSF x Far_LoA	-9,112	0,055	0,296
CHR10	2E+07	CHR10:19833161	SSF x Far_LoA	-8,115	0,045	0,286
CHR10	2E+07	CHR10:19833210	SSF x Far_LoA	-11,242	0,005	0,285
CHR10	2E+07	CHR10:19833237	SSF x Far_LoA	-10,601	-0,003	0,275
CHR10	2E+07	CHR10:19833281	SSF x Far_LoA	-11,273	0,037	0,291
CHR10	2E+07	CHR10:19855875	SSF x Far_LoA	-7,673	-0,120	0,285
CHR10	2E+07	CHR10:19858012	SSF x Far_LoA	-8,396	0,045	0,294
CHR10	2E+07	CHR10:19859928	SSF x Far_LoA	-8,310	0,082	0,294
CHR10	2E+07	CHR10:19919239	SSF x Far_LoA	-9,100	-0,060	0,284
CHR10	2E+07	CHR10:19934822	SSF x Far_LoA	-3,442	-0,029	0,288
CHR10	2E+07	CHR10:19934865	SSF x Far_LoA	-9,094	-0,038	0,292
CHR10	2E+07	CHR10:20022738	SSF x Far_LoA	-10,901	0,008	0,286
CHR10	2E+07	CHR10:20031765	SSF x Far_LoA	-9,641	0,020	0,293
CHR10	2E+07	CHR10:20036709	SSF x Far_LoA	-8,733	0,010	0,287
CHR10	2E+07	CHR10:20036985	SSF x Far_LoA	-9,507	-0,051	0,304
CHR10	2E+07	CHR10:20057517	SSF x Far_LoA	-10,961	0,009	0,300
CHR10	2E+07	CHR10:20062373	SSF x Far_LoA	-7,955	-0,131	0,283
CHR10	2E+07	CHR10:20062437	SSF x Far_LoA	-8,374	-0,126	0,297
CHR10	2E+07	CHR10:20062441	SSF x Far_LoA	-7,132	-0,117	0,298
CHR10	2E+07	CHR10:20062454	SSF x Far_LoA	-7,827	-0,154	0,285
CHR10	2E+07	CHR10:20062535	SSF x Far_LoA	-11,017	0,062	0,282
CHR10	2E+07	CHR10:20062579	SSF x Far_LoA	-9,244	-0,108	0,307
CHR10	2E+07	CHR10:20062616	SSF x Far_LoA	-8,917	-0,103	0,306
CHR10	2E+07	CHR10:20081097	SSF x Far_LoA	-8,833	-0,034	0,300
CHR10	2E+07	CHR10:20082318	SSF x Far_LoA	-11,322	-0,050	0,292
CHR10	2E+07	CHR10:20082390	SSF x Far_LoA	-7,485	0,134	0,275
CHR10	2E+07	CHR10:20082417	SSF x Far_LoA	-2,763	0,008	0,298
CHR10	2E+07	CHR10:20082502	SSF x Far_LoA	-10,094	0,073	0,302
CHR10	2E+07	CHR10:20085538	SSF x Far_LoA	-11,459	0,099	0,281
CHR10	2E+07	CHR10:20105862	SSF x Far_LoA	-11,060	0,083	0,297

CHR10	2E+07	CHR10:20106017	SSF x Far_LoA	-8,078	0,087	0,298
CHR10	2E+07	CHR10:20113739	SSF x Far_LoA	-8,707	-0,034	0,275
CHR10	2E+07	CHR10:20161979	SSF x Far_LoA	-10,571	0,072	0,296
CHR10	2E+07	CHR10:20165085	SSF x Far_LoA	-10,686	0,041	0,307
CHR10	2E+07	CHR10:20165135	SSF x Far_LoA	-9,674	0,057	0,294
CHR10	2E+07	CHR10:20165153	SSF x Far_LoA	-11,427	0,040	0,294
CHR10	2E+07	CHR10:20181546	SSF x Far_LoA	3,388	-0,049	0,288
CHR10	2E+07	CHR10:20181634	SSF x Far_LoA	-8,716	-0,012	0,293
CHR10	2E+07	CHR10:20181695	SSF x Far_LoA	-10,116	-0,059	0,289
CHR10	2E+07	CHR10:20185727	SSF x Far_LoA	-10,547	-0,067	0,288
CHR10	2E+07	CHR10:20189977	SSF x Far_LoA	-10,853	0,005	0,290
CHR10	2E+07	CHR10:20190017	SSF x Far_LoA	-8,887	0,027	0,292
CHR10	2E+07	CHR10:20190221	SSF x Far_LoA	-7,857	0,118	0,284
CHR10	2E+07	CHR10:20217749	SSF x Far_LoA	-8,167	-0,012	0,277
CHR10	2E+07	CHR10:20220993	SSF x Far_LoA	-8,364	0,065	0,288
CHR10	2E+07	CHR10:20221016	SSF x Far_LoA	-10,032	-0,166	0,269
CHR10	2E+07	CHR10:20221018	SSF x Far_LoA	-4,624	-0,148	0,283
CHR10	2E+07	CHR10:20221021	SSF x Far_LoA	-2,947	-0,176	0,286
CHR10	2E+07	CHR10:20221025	SSF x Far_LoA	-7,821	-0,156	0,272
CHR10	2E+07	CHR10:20221030	SSF x Far_LoA	-8,169	-0,175	0,288
CHR10	2E+07	CHR10:20221042	SSF x Far_LoA	-8,291	-0,154	0,288
CHR10	2E+07	CHR10:20221044	SSF x Far_LoA	-3,371	-0,162	0,300
CHR10	2E+07	CHR10:20221046	SSF x Far_LoA	-8,037	-0,168	0,277
CHR10	2E+07	CHR10:20221049	SSF x Far_LoA	5,016	-0,155	0,297
CHR10	2E+07	CHR10:20221050	SSF x Far_LoA	-8,508	-0,146	0,287
CHR10	2E+07	CHR10:20221061	SSF x Far_LoA	-7,932	-0,177	0,285
CHR10	2E+07	CHR10:20221069	SSF x Far_LoA	-6,664	-0,154	0,281
CHR10	2E+07	CHR10:20221070	SSF x Far_LoA	-8,390	-0,153	0,286
CHR10	2E+07	CHR10:20221849	SSF x Far_LoA	-8,981	0,011	0,295
CHR10	2E+07	CHR10:20244388	SSF x Far_LoA	-9,397	-0,114	0,279
CHR10	2E+07	CHR10:20301604	SSF x Far_LoA	-9,968	0,054	0,298
CHR10	2075479	CHR10:2075479	SSF x Far_LoA	-9,753	-0,146	0,272
CHR10	2075550	CHR10:2075550	SSF x Far_LoA	-10,864	-0,118	0,278
CHR10	2092972	CHR10:2092972	SSF x Far_LoA	-7,888	-0,074	0,283
CHR10	2103690	CHR10:2103690	SSF x Far_LoA	-10,252	0,037	0,294
CHR10	2115872	CHR10:2115872	SSF x Far_LoA	-11,007	0,018	0,297
CHR10	2144728	CHR10:2144728	SSF x Far_LoA	-9,367	-0,063	0,268
CHR10	2144739	CHR10:2144739	SSF x Far_LoA	-10,016	-0,060	0,277
CHR10	2144871	CHR10:2144871	SSF x Far_LoA	-6,806	-0,183	0,288
CHR10	2144899	CHR10:2144899	SSF x Far_LoA	-8,148	-0,011	0,305
CHR10	2145013	CHR10:2145013	SSF x Far_LoA	-11,233	0,027	0,298
CHR10	2169467	CHR10:2169467	SSF x Far_LoA	-9,740	-0,085	0,291
CHR10	2169498	CHR10:2169498	SSF x Far_LoA	-10,266	0,031	0,299
CHR10	2169508	CHR10:2169508	SSF x Far_LoA	-5,872	-0,157	0,301
CHR10	2186287	CHR10:2186287	SSF x Far_LoA	-8,557	0,030	0,311
CHR10	2186295	CHR10:2186295	SSF x Far_LoA	-9,051	-0,050	0,305
CHR10	2186320	CHR10:2186320	SSF x Far_LoA	-10,586	0,026	0,294
CHR10	2186747	CHR10:2186747	SSF x Far_LoA	-9,099	-0,005	0,296
CHR10	2186765	CHR10:2186765	SSF x Far_LoA	-8,511	0,121	0,297
CHR10	2203017	CHR10:2203017	SSF x Far_LoA	-8,348	0,010	0,295
CHR10	2203018	CHR10:2203018	SSF x Far_LoA	-9,981	0,035	0,299
CHR10	2203280	CHR10:2203280	SSF x Far_LoA	-8,825	-0,010	0,294
CHR10	2227627	CHR10:2227627	SSF x Far_LoA	-8,432	0,093	0,303

CHR10	2227703	CHR10:2227703	SSF x Far_LoA	-11,513	-0,015	0,290
CHR10	2243288	CHR10:2243288	SSF x Far_LoA	-12,208	-0,020	0,290
CHR10	2243350	CHR10:2243350	SSF x Far_LoA	-9,048	-0,094	0,284
CHR10	2243363	CHR10:2243363	SSF x Far_LoA	-7,761	-0,063	0,293
CHR10	2261362	CHR10:2261362	SSF x Far_LoA	-9,867	0,015	0,283
CHR10	2263485	CHR10:2263485	SSF x Far_LoA	-10,256	-0,037	0,287
CHR10	2263719	CHR10:2263719	SSF x Far_LoA	-11,216	-0,074	0,287
CHR10	2285149	CHR10:2285149	SSF x Far_LoA	-8,928	0,049	0,292
CHR10	2324279	CHR10:2324279	SSF x Far_LoA	-8,289	0,073	0,299
CHR10	2382056	CHR10:2382056	SSF x Far_LoA	-10,721	-0,003	0,285
CHR10	2382097	CHR10:2382097	SSF x Far_LoA	-9,268	0,061	0,300
CHR10	2382275	CHR10:2382275	SSF x Far_LoA	-6,694	-0,068	0,289
CHR10	2382383	CHR10:2382383	SSF x Far_LoA	-9,680	-0,057	0,285
CHR10	2382386	CHR10:2382386	SSF x Far_LoA	-8,574	0,004	0,290
CHR10	2384800	CHR10:2384800	SSF x Far_LoA	-9,489	-0,057	0,286
CHR10	2384818	CHR10:2384818	SSF x Far_LoA	-6,556	-0,082	0,301
CHR10	2384909	CHR10:2384909	SSF x Far_LoA	-9,555	-0,043	0,289
CHR10	2384949	CHR10:2384949	SSF x Far_LoA	-9,646	-0,041	0,281
CHR10	2384956	CHR10:2384956	SSF x Far_LoA	-8,502	-0,061	0,293
CHR10	2384994	CHR10:2384994	SSF x Far_LoA	-11,229	0,100	0,274
CHR10	2386492	CHR10:2386492	SSF x Far_LoA	-7,067	0,160	0,289
CHR10	2386530	CHR10:2386530	SSF x Far_LoA	-8,792	-0,055	0,288
CHR10	2386568	CHR10:2386568	SSF x Far_LoA	-10,859	0,083	0,310
CHR10	2425271	CHR10:2425271	SSF x Far_LoA	-11,295	0,028	0,288
CHR10	2459722	CHR10:2459722	SSF x Far_LoA	-8,421	0,026	0,299
CHR10	2463357	CHR10:2463357	SSF x Far_LoA	-8,970	0,104	0,289
CHR10	2516811	CHR10:2516811	SSF x Far_LoA	-11,164	-0,022	0,284
CHR10	2516864	CHR10:2516864	SSF x Far_LoA	-5,779	0,115	0,294
CHR10	2517019	CHR10:2517019	SSF x Far_LoA	-5,857	0,172	0,262
CHR10	2528329	CHR10:2528329	SSF x Far_LoA	-5,602	0,017	0,275
CHR10	2540838	CHR10:2540838	SSF x Far_LoA	-7,636	-0,086	0,299
CHR10	2565924	CHR10:2565924	SSF x Far_LoA	-8,160	-0,065	0,299
CHR10	2565953	CHR10:2565953	SSF x Far_LoA	-10,801	-0,024	0,283
CHR10	2565968	CHR10:2565968	SSF x Far_LoA	-8,359	0,097	0,289
CHR10	2565993	CHR10:2565993	SSF x Far_LoA	-9,481	0,022	0,296
CHR10	2565998	CHR10:2565998	SSF x Far_LoA	-10,004	-0,031	0,290
CHR10	2573126	CHR10:2573126	SSF x Far_LoA	-11,216	0,089	0,285
CHR10	2573323	CHR10:2573323	SSF x Far_LoA	-8,378	0,002	0,289
CHR10	2573407	CHR10:2573407	SSF x Far_LoA	-8,792	-0,010	0,292
CHR10	2573441	CHR10:2573441	SSF x Far_LoA	-11,539	0,080	0,285
CHR10	2577405	CHR10:2577405	SSF x Far_LoA	-10,571	-0,103	0,294
CHR10	2577627	CHR10:2577627	SSF x Far_LoA	-5,724	-0,142	0,303
CHR10	2590622	CHR10:2590622	SSF x Far_LoA	-9,190	0,016	0,296
CHR10	2642072	CHR10:2642072	SSF x Far_LoA	-8,226	-0,051	0,293
CHR10	2654332	CHR10:2654332	SSF x Far_LoA	-8,300	0,010	0,274
CHR10	2654452	CHR10:2654452	SSF x Far_LoA	-10,070	-0,080	0,290
CHR10	2654500	CHR10:2654500	SSF x Far_LoA	-10,794	-0,031	0,290
CHR10	2654503	CHR10:2654503	SSF x Far_LoA	-7,119	-0,131	0,297
CHR10	2654589	CHR10:2654589	SSF x Far_LoA	-8,068	0,067	0,288
CHR10	2654649	CHR10:2654649	SSF x Far_LoA	-7,064	0,063	0,299
CHR10	2659348	CHR10:2659348	SSF x Far_LoA	-10,630	0,005	0,298
CHR10	2665988	CHR10:2665988	SSF x Far_LoA	-8,752	-0,078	0,286
CHR10	2666051	CHR10:2666051	SSF x Far_LoA	-0,137	0,116	0,273

CHR10	2666136	CHR10:2666136	SSF x Far_LoA	-5,751	0,045	0,288
CHR10	2691924	CHR10:2691924	SSF x Far_LoA	-9,377	-0,028	0,300
CHR10	2706432	CHR10:2706432	SSF x Far_LoA	-10,321	0,052	0,285
CHR10	2708606	CHR10:2708606	SSF x Far_LoA	-10,692	-0,130	0,295
CHR10	2708660	CHR10:2708660	SSF x Far_LoA	-10,106	-0,062	0,282
CHR10	2708724	CHR10:2708724	SSF x Far_LoA	-11,198	-0,012	0,297
CHR10	2708784	CHR10:2708784	SSF x Far_LoA	-8,912	0,124	0,294
CHR10	2711956	CHR10:2711956	SSF x Far_LoA	-7,622	0,116	0,284
CHR10	2712028	CHR10:2712028	SSF x Far_LoA	-11,718	0,024	0,284
CHR10	2716023	CHR10:2716023	SSF x Far_LoA	-11,512	-0,044	0,277
CHR10	2745691	CHR10:2745691	SSF x Far_LoA	-10,520	-0,004	0,298
CHR10	2754995	CHR10:2754995	SSF x Far_LoA	-8,528	0,041	0,304
CHR10	2764248	CHR10:2764248	SSF x Far_LoA	-7,946	0,141	0,294
CHR10	2769854	CHR10:2769854	SSF x Far_LoA	-8,792	0,037	0,297
CHR10	2778595	CHR10:2778595	SSF x Far_LoA	-8,672	-0,044	0,302
CHR10	2778634	CHR10:2778634	SSF x Far_LoA	-5,489	-0,198	0,289
CHR10	2778646	CHR10:2778646	SSF x Far_LoA	-11,197	-0,066	0,290
CHR10	2778795	CHR10:2778795	SSF x Far_LoA	-10,133	0,005	0,289
CHR10	2778798	CHR10:2778798	SSF x Far_LoA	-9,810	0,022	0,285
CHR10	2778837	CHR10:2778837	SSF x Far_LoA	-11,834	0,029	0,298
CHR10	2817224	CHR10:2817224	SSF x Far_LoA	-8,914	-0,057	0,298
CHR10	2825486	CHR10:2825486	SSF x Far_LoA	-10,743	-0,078	0,291
CHR10	2841073	CHR10:2841073	SSF x Far_LoA	-11,387	-0,004	0,289
CHR10	2841075	CHR10:2841075	SSF x Far_LoA	-10,794	-0,023	0,291
CHR10	2846438	CHR10:2846438	SSF x Far_LoA	-10,170	0,058	0,292
CHR10	2846644	CHR10:2846644	SSF x Far_LoA	-8,655	-0,116	0,293
CHR10	2846685	CHR10:2846685	SSF x Far_LoA	-9,627	-0,095	0,297
CHR10	2892381	CHR10:2892381	SSF x Far_LoA	-9,785	0,029	0,289
CHR10	2964726	CHR10:2964726	SSF x Far_LoA	-8,308	-0,077	0,292
CHR10	2982381	CHR10:2982381	SSF x Far_LoA	-10,711	0,109	0,282
CHR10	2989382	CHR10:2989382	SSF x Far_LoA	-10,900	-0,011	0,299
CHR10	2989435	CHR10:2989435	SSF x Far_LoA	10,650	0,038	0,297
CHR10	2989466	CHR10:2989466	SSF x Far_LoA	-8,995	0,002	0,286
CHR10	2989470	CHR10:2989470	SSF x Far_LoA	-8,926	-0,013	0,289
CHR10	2989483	CHR10:2989483	SSF x Far_LoA	-7,842	0,031	0,280
CHR10	2989490	CHR10:2989490	SSF x Far_LoA	-9,265	0,034	0,272
CHR10	2989570	CHR10:2989570	SSF x Far_LoA	-7,668	0,114	0,278
CHR10	2993472	CHR10:2993472	SSF x Far_LoA	-9,604	0,083	0,289
CHR10	2993518	CHR10:2993518	SSF x Far_LoA	-10,026	-0,084	0,290
CHR10	2993521	CHR10:2993521	SSF x Far_LoA	-10,418	-0,087	0,298
CHR10	2993534	CHR10:2993534	SSF x Far_LoA	-11,930	-0,046	0,286
CHR10	3016396	CHR10:3016396	SSF x Far_LoA	-9,844	-0,043	0,285
CHR10	3016506	CHR10:3016506	SSF x Far_LoA	-11,399	-0,024	0,290
CHR10	3016514	CHR10:3016514	SSF x Far_LoA	-8,385	0,049	0,283
CHR10	3021286	CHR10:3021286	SSF x Far_LoA	-7,082	0,148	0,286
CHR10	3021422	CHR10:3021422	SSF x Far_LoA	-9,757	-0,042	0,288
CHR10	3022553	CHR10:3022553	SSF x Far_LoA	-5,450	-0,046	0,292
CHR10	3022612	CHR10:3022612	SSF x Far_LoA	-7,182	-0,013	0,290
CHR10	3022613	CHR10:3022613	SSF x Far_LoA	-9,938	0,090	0,297
CHR10	3022636	CHR10:3022636	SSF x Far_LoA	-9,586	0,105	0,290
CHR10	3037139	CHR10:3037139	SSF x Far_LoA	-10,148	0,064	0,290
CHR10	3041368	CHR10:3041368	SSF x Far_LoA	-5,529	-0,111	0,297
CHR10	3041421	CHR10:3041421	SSF x Far_LoA	-9,353	-0,083	0,285

CHR10	3043273	CHR10:3043273	SSF x Far_LoA	-11,727	-0,057	0,277
CHR10	3043556	CHR10:3043556	SSF x Far_LoA	-8,613	-0,104	0,290
CHR10	3062209	CHR10:3062209	SSF x Far_LoA	-8,736	0,030	0,296
CHR10	3062275	CHR10:3062275	SSF x Far_LoA	-8,451	0,021	0,301
CHR10	3062312	CHR10:3062312	SSF x Far_LoA	-9,439	-0,023	0,300
CHR10	3062386	CHR10:3062386	SSF x Far_LoA	-9,041	0,146	0,279
CHR10	3062387	CHR10:3062387	SSF x Far_LoA	-8,801	0,028	0,306
CHR10	3062396	CHR10:3062396	SSF x Far_LoA	-10,549	0,014	0,283
CHR10	3062424	CHR10:3062424	SSF x Far_LoA	-9,122	0,054	0,293
CHR10	3062445	CHR10:3062445	SSF x Far_LoA	-9,223	0,040	0,293
CHR10	3062448	CHR10:3062448	SSF x Far_LoA	-8,476	0,008	0,310
CHR10	3063553	CHR10:3063553	SSF x Far_LoA	-10,382	0,096	0,294
CHR10	3063601	CHR10:3063601	SSF x Far_LoA	-8,743	-0,045	0,294
CHR10	3063639	CHR10:3063639	SSF x Far_LoA	-8,154	-0,013	0,297
CHR10	3063689	CHR10:3063689	SSF x Far_LoA	-9,328	0,001	0,281
CHR10	3063711	CHR10:3063711	SSF x Far_LoA	-11,126	0,031	0,290
CHR10	3063748	CHR10:3063748	SSF x Far_LoA	-8,074	0,032	0,299
CHR10	3063804	CHR10:3063804	SSF x Far_LoA	-10,824	-0,045	0,298
CHR10	3108073	CHR10:3108073	SSF x Far_LoA	-10,133	-0,098	0,296
CHR10	3111871	CHR10:3111871	SSF x Far_LoA	-7,495	0,099	0,283
CHR10	3111909	CHR10:3111909	SSF x Far_LoA	-11,443	0,014	0,284
CHR10	3115763	CHR10:3115763	SSF x Far_LoA	-7,315	-0,117	0,287
CHR10	3128209	CHR10:3128209	SSF x Far_LoA	-7,131	0,007	0,288
CHR10	3128215	CHR10:3128215	SSF x Far_LoA	-8,990	-0,037	0,283
CHR10	3128347	CHR10:3128347	SSF x Far_LoA	-10,663	-0,063	0,298
CHR10	3128400	CHR10:3128400	SSF x Far_LoA	-7,555	-0,064	0,284
CHR10	3128406	CHR10:3128406	SSF x Far_LoA	-9,528	-0,023	0,303
CHR10	3168074	CHR10:3168074	SSF x Far_LoA	-9,302	0,045	0,282
CHR10	3168096	CHR10:3168096	SSF x Far_LoA	-10,180	-0,028	0,286
CHR10	3168160	CHR10:3168160	SSF x Far_LoA	-11,371	-0,031	0,295
CHR10	3171045	CHR10:3171045	SSF x Far_LoA	-7,617	-0,164	0,264
CHR10	3171110	CHR10:3171110	SSF x Far_LoA	-10,169	-0,023	0,300
CHR10	3172081	CHR10:3172081	SSF x Far_LoA	-9,369	-0,072	0,287
CHR10	3172082	CHR10:3172082	SSF x Far_LoA	-10,190	-0,082	0,283
CHR10	3190980	CHR10:3190980	SSF x Far_LoA	-9,902	-0,141	0,294
CHR10	3204734	CHR10:3204734	SSF x Far_LoA	-11,004	0,084	0,285
CHR10	3204774	CHR10:3204774	SSF x Far_LoA	-7,509	0,045	0,295
CHR10	3211629	CHR10:3211629	SSF x Far_LoA	-8,740	0,044	0,305
CHR10	3211709	CHR10:3211709	SSF x Far_LoA	-8,713	0,074	0,296
CHR10	3211817	CHR10:3211817	SSF x Far_LoA	-10,774	0,052	0,300
CHR10	3211885	CHR10:3211885	SSF x Far_LoA	-8,941	-0,068	0,294
CHR10	3211928	CHR10:3211928	SSF x Far_LoA	-9,492	0,195	0,277
CHR10	3211931	CHR10:3211931	SSF x Far_LoA	-6,810	0,196	0,289
CHR10	3215458	CHR10:3215458	SSF x Far_LoA	-8,065	-0,039	0,289
CHR10	3215473	CHR10:3215473	SSF x Far_LoA	-11,361	0,034	0,271
CHR10	3215755	CHR10:3215755	SSF x Far_LoA	-7,289	-0,074	0,306
CHR10	3238334	CHR10:3238334	SSF x Far_LoA	-10,149	0,005	0,281
CHR10	3238340	CHR10:3238340	SSF x Far_LoA	-6,234	-0,059	0,306
CHR10	3238429	CHR10:3238429	SSF x Far_LoA	-5,136	0,202	0,284
CHR10	3238502	CHR10:3238502	SSF x Far_LoA	-8,851	0,050	0,293
CHR10	3239985	CHR10:3239985	SSF x Far_LoA	-10,099	0,026	0,288
CHR10	3240018	CHR10:3240018	SSF x Far_LoA	-8,049	0,011	0,305
CHR10	3240285	CHR10:3240285	SSF x Far_LoA	-7,164	0,121	0,285

CHR10	3244084	CHR10:3244084	SSF x Far_LoA	-11,821	0,012	0,301
CHR10	3244212	CHR10:3244212	SSF x Far_LoA	-6,760	0,144	0,291
CHR10	3244266	CHR10:3244266	SSF x Far_LoA	-11,323	-0,103	0,278
CHR10	3262581	CHR10:3262581	SSF x Far_LoA	-6,434	0,113	0,301
CHR10	3262650	CHR10:3262650	SSF x Far_LoA	-7,989	0,036	0,320
CHR10	3267863	CHR10:3267863	SSF x Far_LoA	-8,416	0,034	0,283
CHR10	3267868	CHR10:3267868	SSF x Far_LoA	-8,634	0,058	0,288
CHR10	3267926	CHR10:3267926	SSF x Far_LoA	12,674	-0,164	0,282
CHR10	3268383	CHR10:3268383	SSF x Far_LoA	-12,085	-0,045	0,290
CHR10	3268414	CHR10:3268414	SSF x Far_LoA	-8,783	0,067	0,299
CHR10	3268453	CHR10:3268453	SSF x Far_LoA	-11,238	-0,020	0,286
CHR10	3268465	CHR10:3268465	SSF x Far_LoA	-9,020	0,054	0,290
CHR10	3277271	CHR10:3277271	SSF x Far_LoA	-6,978	-0,034	0,287
CHR10	3277310	CHR10:3277310	SSF x Far_LoA	-10,529	-0,089	0,291
CHR10	3300264	CHR10:3300264	SSF x Far_LoA	-8,453	-0,043	0,291
CHR10	3300341	CHR10:3300341	SSF x Far_LoA	-6,856	0,113	0,285
CHR10	3300382	CHR10:3300382	SSF x Far_LoA	-9,595	0,108	0,290
CHR10	3300411	CHR10:3300411	SSF x Far_LoA	-8,450	0,014	0,294
CHR10	3300414	CHR10:3300414	SSF x Far_LoA	-10,138	0,009	0,288
CHR10	3300434	CHR10:3300434	SSF x Far_LoA	-8,433	0,017	0,291
CHR10	3300475	CHR10:3300475	SSF x Far_LoA	-7,964	0,166	0,281
CHR10	3311568	CHR10:3311568	SSF x Far_LoA	-11,412	0,019	0,299
CHR10	3311790	CHR10:3311790	SSF x Far_LoA	-10,791	-0,049	0,279
CHR10	3311817	CHR10:3311817	SSF x Far_LoA	-6,327	0,058	0,301
CHR10	3316685	CHR10:3316685	SSF x Far_LoA	-9,161	0,061	0,303
CHR10	3323701	CHR10:3323701	SSF x Far_LoA	-9,201	-0,093	0,291
CHR10	3323721	CHR10:3323721	SSF x Far_LoA	-9,692	0,081	0,274
CHR10	3323732	CHR10:3323732	SSF x Far_LoA	-9,670	0,039	0,301
CHR10	3323766	CHR10:3323766	SSF x Far_LoA	-6,441	-0,114	0,292
CHR10	3323771	CHR10:3323771	SSF x Far_LoA	-11,096	0,053	0,293
CHR10	3323846	CHR10:3323846	SSF x Far_LoA	-9,349	0,034	0,272
CHR10	3328607	CHR10:3328607	SSF x Far_LoA	-10,214	-0,011	0,273
CHR10	3328750	CHR10:3328750	SSF x Far_LoA	-7,552	-0,155	0,298
CHR10	3328867	CHR10:3328867	SSF x Far_LoA	-9,533	0,074	0,297
CHR10	3328898	CHR10:3328898	SSF x Far_LoA	-9,620	-0,028	0,276
CHR10	3339342	CHR10:3339342	SSF x Far_LoA	-8,280	-0,024	0,298
CHR10	3339355	CHR10:3339355	SSF x Far_LoA	-7,887	-0,053	0,298
CHR10	3339371	CHR10:3339371	SSF x Far_LoA	-10,026	-0,029	0,297
CHR10	3339372	CHR10:3339372	SSF x Far_LoA	-10,688	0,017	0,291
CHR10	3339394	CHR10:3339394	SSF x Far_LoA	-9,072	-0,044	0,290
CHR10	3339396	CHR10:3339396	SSF x Far_LoA	-10,996	-0,032	0,307
CHR10	3339476	CHR10:3339476	SSF x Far_LoA	-4,993	-0,034	0,300
CHR10	3339533	CHR10:3339533	SSF x Far_LoA	-8,152	-0,054	0,296
CHR10	3339544	CHR10:3339544	SSF x Far_LoA	-9,112	-0,044	0,305
CHR10	3346786	CHR10:3346786	SSF x Far_LoA	-8,922	-0,055	0,309
CHR10	3346806	CHR10:3346806	SSF x Far_LoA	-4,711	0,007	0,299
CHR10	3346842	CHR10:3346842	SSF x Far_LoA	-8,003	0,091	0,293
CHR10	3346846	CHR10:3346846	SSF x Far_LoA	-8,958	0,147	0,292
CHR10	3346914	CHR10:3346914	SSF x Far_LoA	-7,182	0,044	0,293
CHR10	3346916	CHR10:3346916	SSF x Far_LoA	-10,251	0,081	0,292
CHR10	3347045	CHR10:3347045	SSF x Far_LoA	-9,300	-0,086	0,310
CHR10	3348960	CHR10:3348960	SSF x Far_LoA	-4,268	0,226	0,277
CHR10	3349253	CHR10:3349253	SSF x Far_LoA	-4,714	0,101	0,290

CHR10	3349278	CHR10:3349278	SSF x Far_LoA	-10,686	0,007	0,284
CHR10	3357729	CHR10:3357729	SSF x Far_LoA	-11,020	-0,044	0,298
CHR10	3357750	CHR10:3357750	SSF x Far_LoA	-11,108	-0,025	0,303
CHR10	3357832	CHR10:3357832	SSF x Far_LoA	-10,040	-0,079	0,276
CHR10	3375559	CHR10:3375559	SSF x Far_LoA	-10,370	0,007	0,292
CHR10	3375564	CHR10:3375564	SSF x Far_LoA	-8,219	0,003	0,290
CHR10	3375652	CHR10:3375652	SSF x Far_LoA	-8,264	-0,056	0,284
CHR10	3375765	CHR10:3375765	SSF x Far_LoA	-8,814	0,013	0,262
CHR10	3384640	CHR10:3384640	SSF x Far_LoA	-10,662	-0,032	0,299
CHR10	3384755	CHR10:3384755	SSF x Far_LoA	-10,128	-0,052	0,283
CHR10	3404955	CHR10:3404955	SSF x Far_LoA	-8,801	0,011	0,305
CHR10	3404999	CHR10:3404999	SSF x Far_LoA	-8,632	0,032	0,284
CHR10	3405013	CHR10:3405013	SSF x Far_LoA	-9,808	-0,023	0,283
CHR10	3405014	CHR10:3405014	SSF x Far_LoA	-8,577	0,046	0,300
CHR10	3405064	CHR10:3405064	SSF x Far_LoA	-9,836	-0,026	0,289
CHR10	3405101	CHR10:3405101	SSF x Far_LoA	-7,492	-0,041	0,297
CHR10	3405123	CHR10:3405123	SSF x Far_LoA	-11,585	0,069	0,290
CHR10	3416611	CHR10:3416611	SSF x Far_LoA	-11,765	-0,037	0,282
CHR10	3427903	CHR10:3427903	SSF x Far_LoA	-9,928	0,045	0,294
CHR10	3427907	CHR10:3427907	SSF x Far_LoA	-7,831	0,134	0,261
CHR10	3428148	CHR10:3428148	SSF x Far_LoA	-8,309	-0,029	0,304
CHR10	3428187	CHR10:3428187	SSF x Far_LoA	-7,030	-0,025	0,299
CHR10	3444144	CHR10:3444144	SSF x Far_LoA	-9,191	0,082	0,287
CHR10	3447465	CHR10:3447465	SSF x Far_LoA	-9,219	-0,065	0,286
CHR10	3447484	CHR10:3447484	SSF x Far_LoA	-10,179	-0,072	0,272
CHR10	3455744	CHR10:3455744	SSF x Far_LoA	-10,028	-0,023	0,280
CHR10	3455751	CHR10:3455751	SSF x Far_LoA	-10,776	-0,057	0,277
CHR10	3455782	CHR10:3455782	SSF x Far_LoA	-9,691	-0,037	0,294
CHR10	3455786	CHR10:3455786	SSF x Far_LoA	-8,505	0,106	0,285
CHR10	3461064	CHR10:3461064	SSF x Far_LoA	-11,473	-0,023	0,282
CHR10	3468049	CHR10:3468049	SSF x Far_LoA	-8,427	0,086	0,281
CHR10	3468228	CHR10:3468228	SSF x Far_LoA	-8,846	-0,101	0,287
CHR10	3471058	CHR10:3471058	SSF x Far_LoA	-9,877	-0,070	0,307
CHR10	3471084	CHR10:3471084	SSF x Far_LoA	-6,617	-0,141	0,288
CHR10	3471130	CHR10:3471130	SSF x Far_LoA	-11,770	0,020	0,279
CHR10	3471231	CHR10:3471231	SSF x Far_LoA	-9,575	-0,155	0,278
CHR10	3476909	CHR10:3476909	SSF x Far_LoA	-9,735	0,047	0,294
CHR10	3477056	CHR10:3477056	SSF x Far_LoA	-9,901	0,065	0,293
CHR10	3477084	CHR10:3477084	SSF x Far_LoA	-9,996	0,012	0,297
CHR10	3477110	CHR10:3477110	SSF x Far_LoA	-10,389	-0,153	0,272
CHR10	3493659	CHR10:3493659	SSF x Far_LoA	-9,720	-0,033	0,297
CHR10	3493660	CHR10:3493660	SSF x Far_LoA	-10,495	-0,025	0,291
CHR10	3495926	CHR10:3495926	SSF x Far_LoA	-11,691	-0,056	0,297
CHR10	3495995	CHR10:3495995	SSF x Far_LoA	-8,704	0,060	0,283
CHR10	3510041	CHR10:3510041	SSF x Far_LoA	-8,515	0,075	0,292
CHR10	3510145	CHR10:3510145	SSF x Far_LoA	-9,561	-0,021	0,299
CHR10	3518968	CHR10:3518968	SSF x Far_LoA	-7,770	0,139	0,286
CHR10	3518981	CHR10:3518981	SSF x Far_LoA	-8,184	0,135	0,286
CHR10	3519057	CHR10:3519057	SSF x Far_LoA	-7,449	0,107	0,296
CHR10	3522863	CHR10:3522863	SSF x Far_LoA	2,902	0,317	0,259
CHR10	3522898	CHR10:3522898	SSF x Far_LoA	-10,743	0,088	0,292
CHR10	3526576	CHR10:3526576	SSF x Far_LoA	-8,029	-0,119	0,278
CHR10	3526618	CHR10:3526618	SSF x Far_LoA	-5,462	-0,181	0,284

CHR10	3537164	CHR10:3537164	SSF x Far_LoA	-9,860	-0,013	0,295
CHR10	3537226	CHR10:3537226	SSF x Far_LoA	-8,593	0,004	0,304
CHR10	3537421	CHR10:3537421	SSF x Far_LoA	-10,164	0,022	0,295
CHR10	3537512	CHR10:3537512	SSF x Far_LoA	-10,672	-0,001	0,293
CHR10	3574898	CHR10:3574898	SSF x Far_LoA	-9,203	-0,032	0,282
CHR10	3574899	CHR10:3574899	SSF x Far_LoA	-8,127	0,070	0,285
CHR10	3605572	CHR10:3605572	SSF x Far_LoA	-11,501	-0,007	0,285
CHR10	3609277	CHR10:3609277	SSF x Far_LoA	-8,216	-0,149	0,283
CHR10	3609278	CHR10:3609278	SSF x Far_LoA	-8,820	0,109	0,272
CHR10	3609316	CHR10:3609316	SSF x Far_LoA	-11,133	0,074	0,290
CHR10	3609405	CHR10:3609405	SSF x Far_LoA	-7,522	0,138	0,287
CHR10	3611887	CHR10:3611887	SSF x Far_LoA	-9,813	-0,011	0,285
CHR10	3611912	CHR10:3611912	SSF x Far_LoA	-10,638	0,042	0,281
CHR10	3611968	CHR10:3611968	SSF x Far_LoA	-7,394	-0,145	0,300
CHR10	3645622	CHR10:3645622	SSF x Far_LoA	-11,513	0,014	0,307
CHR10	3645685	CHR10:3645685	SSF x Far_LoA	-11,026	-0,081	0,285
CHR10	3648581	CHR10:3648581	SSF x Far_LoA	-5,186	0,082	0,294
CHR10	3664797	CHR10:3664797	SSF x Far_LoA	-7,433	0,103	0,302
CHR10	3664816	CHR10:3664816	SSF x Far_LoA	-9,436	-0,040	0,295
CHR10	3664872	CHR10:3664872	SSF x Far_LoA	-12,241	0,026	0,291
CHR10	3664900	CHR10:3664900	SSF x Far_LoA	-8,282	0,080	0,294
CHR10	3665008	CHR10:3665008	SSF x Far_LoA	-9,697	-0,052	0,292
CHR10	3693484	CHR10:3693484	SSF x Far_LoA	-10,682	0,038	0,287
CHR10	3693526	CHR10:3693526	SSF x Far_LoA	12,165	0,031	0,284
CHR10	3693715	CHR10:3693715	SSF x Far_LoA	-8,370	-0,081	0,278
CHR10	3693729	CHR10:3693729	SSF x Far_LoA	-8,909	-0,071	0,274
CHR10	3706602	CHR10:3706602	SSF x Far_LoA	-5,488	0,010	0,290
CHR10	3707724	CHR10:3707724	SSF x Far_LoA	-9,763	-0,102	0,290
CHR10	3707928	CHR10:3707928	SSF x Far_LoA	-10,586	-0,034	0,285
CHR10	3707986	CHR10:3707986	SSF x Far_LoA	-9,687	-0,062	0,290
CHR10	3708026	CHR10:3708026	SSF x Far_LoA	-8,603	-0,063	0,290
CHR10	3718557	CHR10:3718557	SSF x Far_LoA	-10,384	0,087	0,291
CHR10	3718636	CHR10:3718636	SSF x Far_LoA	-9,028	0,092	0,296
CHR10	3718677	CHR10:3718677	SSF x Far_LoA	-7,047	0,074	0,304
CHR10	3718679	CHR10:3718679	SSF x Far_LoA	-8,327	0,082	0,285
CHR10	3718682	CHR10:3718682	SSF x Far_LoA	-9,376	0,083	0,297
CHR10	3718683	CHR10:3718683	SSF x Far_LoA	-8,282	0,075	0,313
CHR10	3718693	CHR10:3718693	SSF x Far_LoA	-8,913	-0,011	0,301
CHR10	3718695	CHR10:3718695	SSF x Far_LoA	-8,970	-0,033	0,284
CHR10	3722340	CHR10:3722340	SSF x Far_LoA	-8,487	0,000	0,293
CHR10	3722346	CHR10:3722346	SSF x Far_LoA	-8,294	0,019	0,300
CHR10	3722354	CHR10:3722354	SSF x Far_LoA	-9,430	-0,011	0,294
CHR10	3722398	CHR10:3722398	SSF x Far_LoA	-9,580	0,001	0,291
CHR10	3722460	CHR10:3722460	SSF x Far_LoA	-6,005	0,178	0,283
CHR10	3722468	CHR10:3722468	SSF x Far_LoA	-8,474	0,150	0,278
CHR10	3729692	CHR10:3729692	SSF x Far_LoA	-10,759	0,046	0,291
CHR10	3729695	CHR10:3729695	SSF x Far_LoA	-10,972	0,039	0,286
CHR10	3729700	CHR10:3729700	SSF x Far_LoA	-10,792	0,013	0,300
CHR10	3729701	CHR10:3729701	SSF x Far_LoA	-9,558	-0,001	0,299
CHR10	3729758	CHR10:3729758	SSF x Far_LoA	-8,436	-0,121	0,292
CHR10	3730074	CHR10:3730074	SSF x Far_LoA	-11,072	0,048	0,295
CHR10	3733210	CHR10:3733210	SSF x Far_LoA	-8,031	0,024	0,289
CHR10	3733211	CHR10:3733211	SSF x Far_LoA	-9,092	0,014	0,290

CHR10	3733239	CHR10:3733239	SSF x Far_LoA	-8,530	-0,082	0,290
CHR10	3733240	CHR10:3733240	SSF x Far_LoA	-6,251	-0,066	0,280
CHR10	3733691	CHR10:3733691	SSF x Far_LoA	-7,933	-0,066	0,288
CHR10	3759502	CHR10:3759502	SSF x Far_LoA	-11,286	-0,061	0,288
CHR10	3788735	CHR10:3788735	SSF x Far_LoA	-9,422	-0,025	0,284
CHR10	3802465	CHR10:3802465	SSF x Far_LoA	-8,066	-0,028	0,295
CHR10	3802529	CHR10:3802529	SSF x Far_LoA	-7,698	-0,057	0,290
CHR10	3802566	CHR10:3802566	SSF x Far_LoA	-8,666	-0,100	0,290
CHR10	3820842	CHR10:3820842	SSF x Far_LoA	-8,205	-0,044	0,295
CHR10	3820862	CHR10:3820862	SSF x Far_LoA	-7,376	0,025	0,297
CHR10	3821005	CHR10:3821005	SSF x Far_LoA	-7,993	-0,010	0,303
CHR10	3821012	CHR10:3821012	SSF x Far_LoA	-11,138	0,020	0,303
CHR10	3822514	CHR10:3822514	SSF x Far_LoA	-7,721	0,093	0,284
CHR10	3822558	CHR10:3822558	SSF x Far_LoA	-9,701	-0,022	0,291
CHR10	3822560	CHR10:3822560	SSF x Far_LoA	-8,844	-0,021	0,286
CHR10	3822577	CHR10:3822577	SSF x Far_LoA	-9,035	-0,136	0,300
CHR10	3822588	CHR10:3822588	SSF x Far_LoA	-10,109	-0,061	0,302
CHR10	3822607	CHR10:3822607	SSF x Far_LoA	-5,963	-0,077	0,299
CHR10	3822767	CHR10:3822767	SSF x Far_LoA	-8,621	0,125	0,280
CHR10	3825424	CHR10:3825424	SSF x Far_LoA	-7,695	0,030	0,273
CHR10	3825506	CHR10:3825506	SSF x Far_LoA	-10,345	-0,020	0,299
CHR10	3834533	CHR10:3834533	SSF x Far_LoA	-11,269	0,049	0,300
CHR10	3834543	CHR10:3834543	SSF x Far_LoA	-7,274	0,067	0,313
CHR10	3836458	CHR10:3836458	SSF x Far_LoA	-8,854	-0,011	0,272
CHR10	3836685	CHR10:3836685	SSF x Far_LoA	-9,527	0,118	0,289
CHR10	3870837	CHR10:3870837	SSF x Far_LoA	-7,700	-0,132	0,287
CHR10	3871068	CHR10:3871068	SSF x Far_LoA	-10,446	-0,016	0,283
CHR10	3904257	CHR10:3904257	SSF x Far_LoA	-10,999	-0,046	0,295
CHR10	3904453	CHR10:3904453	SSF x Far_LoA	-9,319	0,054	0,294
CHR10	3904502	CHR10:3904502	SSF x Far_LoA	-11,265	-0,063	0,289
CHR10	3904517	CHR10:3904517	SSF x Far_LoA	-4,577	0,061	0,304
CHR10	3922041	CHR10:3922041	SSF x Far_LoA	-7,424	-0,049	0,305
CHR10	3922070	CHR10:3922070	SSF x Far_LoA	-6,038	-0,011	0,288
CHR10	3922079	CHR10:3922079	SSF x Far_LoA	-8,802	-0,065	0,294
CHR10	3922110	CHR10:3922110	SSF x Far_LoA	-7,063	0,117	0,289
CHR10	3934609	CHR10:3934609	SSF x Far_LoA	-10,097	-0,029	0,268
CHR10	3934915	CHR10:3934915	SSF x Far_LoA	-11,176	-0,012	0,277
CHR10	3944233	CHR10:3944233	SSF x Far_LoA	-9,599	0,013	0,297
CHR10	3944404	CHR10:3944404	SSF x Far_LoA	-11,134	0,069	0,292
CHR10	4060809	CHR10:4060809	SSF x Far_LoA	-6,677	0,152	0,287
CHR10	4063087	CHR10:4063087	SSF x Far_LoA	-10,606	-0,066	0,301
CHR10	4098626	CHR10:4098626	SSF x Far_LoA	-10,422	-0,098	0,282
CHR10	4098776	CHR10:4098776	SSF x Far_LoA	-9,867	0,032	0,294
CHR10	4114997	CHR10:4114997	SSF x Far_LoA	-9,197	-0,090	0,290
CHR10	4165812	CHR10:4165812	SSF x Far_LoA	-12,008	-0,002	0,285
CHR10	4165896	CHR10:4165896	SSF x Far_LoA	-9,615	0,011	0,294
CHR10	4171329	CHR10:4171329	SSF x Far_LoA	-10,313	-0,040	0,272
CHR10	4171537	CHR10:4171537	SSF x Far_LoA	-8,330	0,042	0,300
CHR10	4171562	CHR10:4171562	SSF x Far_LoA	-10,362	-0,083	0,289
CHR10	4171613	CHR10:4171613	SSF x Far_LoA	-8,539	0,025	0,298
CHR10	4171616	CHR10:4171616	SSF x Far_LoA	-8,366	0,033	0,288
CHR10	4171647	CHR10:4171647	SSF x Far_LoA	-4,435	0,091	0,287
CHR10	4171686	CHR10:4171686	SSF x Far_LoA	-9,040	0,073	0,302

CHR10	4171771	CHR10:4171771	SSF x Far_LoA	-6,324	-0,182	0,294
CHR10	4178231	CHR10:4178231	SSF x Far_LoA	-9,614	0,086	0,285
CHR10	4178238	CHR10:4178238	SSF x Far_LoA	-9,398	-0,040	0,298
CHR10	4178393	CHR10:4178393	SSF x Far_LoA	-7,742	0,070	0,288
CHR10	4191524	CHR10:4191524	SSF x Far_LoA	-9,239	0,049	0,302
CHR10	4191623	CHR10:4191623	SSF x Far_LoA	-9,917	-0,037	0,285
CHR10	4191804	CHR10:4191804	SSF x Far_LoA	-12,142	0,032	0,301
CHR10	4193784	CHR10:4193784	SSF x Far_LoA	-10,544	0,073	0,292
CHR10	4193856	CHR10:4193856	SSF x Far_LoA	-10,499	0,006	0,304
CHR10	4193919	CHR10:4193919	SSF x Far_LoA	-8,808	0,032	0,295
CHR10	4206718	CHR10:4206718	SSF x Far_LoA	-10,153	-0,092	0,281
CHR10	4207924	CHR10:4207924	SSF x Far_LoA	-9,062	0,007	0,302
CHR10	4207929	CHR10:4207929	SSF x Far_LoA	-8,920	-0,041	0,301
CHR10	4207931	CHR10:4207931	SSF x Far_LoA	-9,038	0,103	0,282
CHR10	4208099	CHR10:4208099	SSF x Far_LoA	2,204	0,177	0,297
CHR10	4216691	CHR10:4216691	SSF x Far_LoA	-2,217	-0,109	0,282
CHR10	4216787	CHR10:4216787	SSF x Far_LoA	-9,450	-0,122	0,280
CHR10	4216829	CHR10:4216829	SSF x Far_LoA	-9,889	0,060	0,315
CHR10	4228906	CHR10:4228906	SSF x Far_LoA	-6,702	0,091	0,301
CHR10	4231791	CHR10:4231791	SSF x Far_LoA	-6,484	0,115	0,297
CHR10	4239209	CHR10:4239209	SSF x Far_LoA	-10,483	0,060	0,295
CHR10	4245035	CHR10:4245035	SSF x Far_LoA	-10,728	0,077	0,290
CHR10	4245101	CHR10:4245101	SSF x Far_LoA	-10,357	0,062	0,283
CHR10	4249151	CHR10:4249151	SSF x Far_LoA	-7,363	-0,066	0,292
CHR10	4292468	CHR10:4292468	SSF x Far_LoA	-8,987	0,031	0,304
CHR10	4292504	CHR10:4292504	SSF x Far_LoA	-9,263	-0,092	0,293
CHR10	4292506	CHR10:4292506	SSF x Far_LoA	-11,332	-0,022	0,296
CHR10	4292512	CHR10:4292512	SSF x Far_LoA	-8,763	-0,017	0,297
CHR10	4295410	CHR10:4295410	SSF x Far_LoA	-9,053	-0,053	0,300
CHR10	4297755	CHR10:4297755	SSF x Far_LoA	-6,306	0,049	0,288
CHR10	4302015	CHR10:4302015	SSF x Far_LoA	-8,969	0,073	0,290
CHR10	4302069	CHR10:4302069	SSF x Far_LoA	-8,437	0,096	0,301
CHR10	4313016	CHR10:4313016	SSF x Far_LoA	-11,834	-0,033	0,274
CHR10	4313076	CHR10:4313076	SSF x Far_LoA	-10,624	0,009	0,291
CHR10	4313164	CHR10:4313164	SSF x Far_LoA	-8,228	-0,092	0,292
CHR10	4313175	CHR10:4313175	SSF x Far_LoA	-6,848	0,168	0,268
CHR10	4313250	CHR10:4313250	SSF x Far_LoA	-3,269	-0,016	0,316
CHR10	4313383	CHR10:4313383	SSF x Far_LoA	-8,305	-0,062	0,309
CHR10	4318363	CHR10:4318363	SSF x Far_LoA	-9,595	0,048	0,284
CHR10	4318420	CHR10:4318420	SSF x Far_LoA	-8,417	-0,001	0,288
CHR10	4332179	CHR10:4332179	SSF x Far_LoA	-4,213	0,026	0,290
CHR10	4332262	CHR10:4332262	SSF x Far_LoA	-6,885	0,016	0,289
CHR10	4332263	CHR10:4332263	SSF x Far_LoA	-9,914	-0,002	0,289
CHR10	4332424	CHR10:4332424	SSF x Far_LoA	-7,285	0,039	0,293
CHR10	4338041	CHR10:4338041	SSF x Far_LoA	-8,300	0,106	0,269
CHR10	4347776	CHR10:4347776	SSF x Far_LoA	-9,952	0,011	0,287
CHR10	4348019	CHR10:4348019	SSF x Far_LoA	-11,415	-0,008	0,284
CHR10	4348074	CHR10:4348074	SSF x Far_LoA	-6,174	-0,144	0,289
CHR10	4348098	CHR10:4348098	SSF x Far_LoA	-9,726	-0,027	0,304
CHR10	4348102	CHR10:4348102	SSF x Far_LoA	-9,319	-0,030	0,306
CHR10	4348125	CHR10:4348125	SSF x Far_LoA	-9,588	-0,072	0,303
CHR10	4354346	CHR10:4354346	SSF x Far_LoA	-10,598	0,087	0,274
CHR10	4354749	CHR10:4354749	SSF x Far_LoA	-10,583	-0,050	0,286

CHR10	4358924	CHR10:4358924	SSF x Far_LoA	-9,615	0,048	0,300
CHR10	4364735	CHR10:4364735	SSF x Far_LoA	-8,639	0,132	0,284
CHR10	4364779	CHR10:4364779	SSF x Far_LoA	-9,446	0,149	0,299
CHR10	4364860	CHR10:4364860	SSF x Far_LoA	-9,612	0,049	0,295
CHR10	4364864	CHR10:4364864	SSF x Far_LoA	-11,234	0,021	0,296
CHR10	4364879	CHR10:4364879	SSF x Far_LoA	-7,890	0,034	0,300
CHR10	4364888	CHR10:4364888	SSF x Far_LoA	-9,935	0,034	0,305
CHR10	4364906	CHR10:4364906	SSF x Far_LoA	-10,615	-0,087	0,295
CHR10	4365019	CHR10:4365019	SSF x Far_LoA	-11,753	-0,083	0,288
CHR10	4376232	CHR10:4376232	SSF x Far_LoA	-9,875	0,037	0,274
CHR10	4376259	CHR10:4376259	SSF x Far_LoA	-10,707	-0,005	0,287
CHR10	4376296	CHR10:4376296	SSF x Far_LoA	-9,134	-0,015	0,288
CHR10	4424665	CHR10:4424665	SSF x Far_LoA	-8,069	0,084	0,292
CHR10	4424752	CHR10:4424752	SSF x Far_LoA	-9,359	-0,086	0,280
CHR10	4427930	CHR10:4427930	SSF x Far_LoA	-5,480	-0,185	0,275
CHR10	4427948	CHR10:4427948	SSF x Far_LoA	-0,464	-0,166	0,282
CHR10	4427962	CHR10:4427962	SSF x Far_LoA	-8,550	0,072	0,285
CHR10	4428075	CHR10:4428075	SSF x Far_LoA	-5,010	0,161	0,274
CHR10	4428086	CHR10:4428086	SSF x Far_LoA	-9,189	0,009	0,293
CHR10	4428090	CHR10:4428090	SSF x Far_LoA	-8,893	-0,037	0,304
CHR10	4433788	CHR10:4433788	SSF x Far_LoA	-10,490	0,088	0,288
CHR10	4434433	CHR10:4434433	SSF x Far_LoA	-9,634	-0,052	0,286
CHR10	4434451	CHR10:4434451	SSF x Far_LoA	-5,252	0,197	0,278
CHR10	4434456	CHR10:4434456	SSF x Far_LoA	-3,947	0,217	0,278
CHR10	4434484	CHR10:4434484	SSF x Far_LoA	-4,907	0,229	0,272
CHR10	4434506	CHR10:4434506	SSF x Far_LoA	-5,206	0,184	0,292
CHR10	4458061	CHR10:4458061	SSF x Far_LoA	-9,379	-0,070	0,308
CHR10	4458139	CHR10:4458139	SSF x Far_LoA	-9,940	0,042	0,292
CHR10	4458167	CHR10:4458167	SSF x Far_LoA	-10,577	-0,020	0,281
CHR10	4458209	CHR10:4458209	SSF x Far_LoA	-6,612	-0,184	0,298
CHR10	4484810	CHR10:4484810	SSF x Far_LoA	-8,785	-0,084	0,281
CHR10	4484849	CHR10:4484849	SSF x Far_LoA	-7,797	0,160	0,278
CHR10	4484938	CHR10:4484938	SSF x Far_LoA	-6,681	0,173	0,282
CHR10	4493619	CHR10:4493619	SSF x Far_LoA	-10,468	0,005	0,293
CHR10	4493923	CHR10:4493923	SSF x Far_LoA	-9,973	0,005	0,275
CHR10	4498558	CHR10:4498558	SSF x Far_LoA	-8,028	-0,036	0,292
CHR10	4498612	CHR10:4498612	SSF x Far_LoA	-4,873	-0,111	0,291
CHR10	4498701	CHR10:4498701	SSF x Far_LoA	-8,813	-0,150	0,300
CHR10	4499863	CHR10:4499863	SSF x Far_LoA	-9,145	-0,091	0,280
CHR10	4499944	CHR10:4499944	SSF x Far_LoA	-9,139	0,072	0,292
CHR10	4499973	CHR10:4499973	SSF x Far_LoA	-9,558	-0,069	0,308
CHR10	4514338	CHR10:4514338	SSF x Far_LoA	-11,625	0,052	0,289
CHR10	4515096	CHR10:4515096	SSF x Far_LoA	-9,893	-0,043	0,296
CHR10	4515152	CHR10:4515152	SSF x Far_LoA	-10,075	0,107	0,292
CHR10	4515179	CHR10:4515179	SSF x Far_LoA	-5,649	0,211	0,265
CHR10	4522053	CHR10:4522053	SSF x Far_LoA	-7,974	0,034	0,299
CHR10	4522100	CHR10:4522100	SSF x Far_LoA	-10,455	-0,135	0,302
CHR10	4537264	CHR10:4537264	SSF x Far_LoA	-8,436	-0,087	0,292
CHR10	4537422	CHR10:4537422	SSF x Far_LoA	-7,212	-0,098	0,284
CHR10	4537692	CHR10:4537692	SSF x Far_LoA	-8,511	-0,058	0,299
CHR10	4544730	CHR10:4544730	SSF x Far_LoA	-11,575	-0,092	0,288
CHR10	4544759	CHR10:4544759	SSF x Far_LoA	-5,512	-0,187	0,279
CHR10	4544845	CHR10:4544845	SSF x Far_LoA	-10,916	0,130	0,275

CHR10	4544863	CHR10:4544863	SSF x Far_LoA	-11,642	-0,028	0,288
CHR10	4545049	CHR10:4545049	SSF x Far_LoA	-9,336	0,063	0,281
CHR10	4545103	CHR10:4545103	SSF x Far_LoA	-10,280	0,025	0,298
CHR10	4545144	CHR10:4545144	SSF x Far_LoA	-11,034	0,005	0,291
CHR10	4548125	CHR10:4548125	SSF x Far_LoA	-11,569	0,052	0,293
CHR10	4548176	CHR10:4548176	SSF x Far_LoA	-10,852	-0,144	0,279
CHR10	4548196	CHR10:4548196	SSF x Far_LoA	-9,410	0,055	0,281
CHR10	4551181	CHR10:4551181	SSF x Far_LoA	-8,649	-0,058	0,295
CHR10	4551182	CHR10:4551182	SSF x Far_LoA	-5,016	-0,024	0,309
CHR10	4557049	CHR10:4557049	SSF x Far_LoA	-11,280	0,044	0,280
CHR10	4557189	CHR10:4557189	SSF x Far_LoA	-6,676	0,017	0,286
CHR10	4557223	CHR10:4557223	SSF x Far_LoA	-11,893	-0,003	0,281
CHR10	4574069	CHR10:4574069	SSF x Far_LoA	-11,360	0,123	0,280
CHR10	4580131	CHR10:4580131	SSF x Far_LoA	-11,189	0,025	0,285
CHR10	4580188	CHR10:4580188	SSF x Far_LoA	-8,458	-0,096	0,298
CHR10	4596526	CHR10:4596526	SSF x Far_LoA	-9,024	0,020	0,278
CHR10	4596548	CHR10:4596548	SSF x Far_LoA	-10,563	-0,130	0,279
CHR10	4601873	CHR10:4601873	SSF x Far_LoA	-9,450	0,000	0,302
CHR10	4602235	CHR10:4602235	SSF x Far_LoA	1,061	-0,062	0,287
CHR10	4602273	CHR10:4602273	SSF x Far_LoA	-10,706	-0,024	0,287
CHR10	4618773	CHR10:4618773	SSF x Far_LoA	-11,250	0,063	0,291
CHR10	4618910	CHR10:4618910	SSF x Far_LoA	-10,350	0,066	0,307
CHR10	4629110	CHR10:4629110	SSF x Far_LoA	-9,330	0,085	0,287
CHR10	4629212	CHR10:4629212	SSF x Far_LoA	-10,537	-0,087	0,279
CHR10	4629259	CHR10:4629259	SSF x Far_LoA	-9,369	-0,087	0,299
CHR10	4629279	CHR10:4629279	SSF x Far_LoA	-8,868	0,082	0,281
CHR10	4629282	CHR10:4629282	SSF x Far_LoA	-11,306	-0,071	0,282
CHR10	4629319	CHR10:4629319	SSF x Far_LoA	-9,408	-0,044	0,294
CHR10	4629334	CHR10:4629334	SSF x Far_LoA	-8,569	-0,043	0,295
CHR10	4629363	CHR10:4629363	SSF x Far_LoA	-10,295	0,025	0,293
CHR10	4629409	CHR10:4629409	SSF x Far_LoA	-9,339	-0,025	0,288
CHR10	4638653	CHR10:4638653	SSF x Far_LoA	-8,835	-0,044	0,304
CHR10	4638718	CHR10:4638718	SSF x Far_LoA	-5,391	-0,204	0,261
CHR10	4638732	CHR10:4638732	SSF x Far_LoA	-1,261	-0,158	0,285
CHR10	4638821	CHR10:4638821	SSF x Far_LoA	-9,050	0,022	0,299
CHR10	4638826	CHR10:4638826	SSF x Far_LoA	-10,868	0,039	0,288
CHR10	4638921	CHR10:4638921	SSF x Far_LoA	-7,032	-0,060	0,303
CHR10	4638927	CHR10:4638927	SSF x Far_LoA	-9,067	-0,055	0,305
CHR10	4638979	CHR10:4638979	SSF x Far_LoA	-3,942	-0,109	0,287
CHR10	4640834	CHR10:4640834	SSF x Far_LoA	-7,255	-0,128	0,291
CHR10	4640835	CHR10:4640835	SSF x Far_LoA	-7,599	-0,122	0,286
CHR10	4640842	CHR10:4640842	SSF x Far_LoA	-9,889	-0,081	0,307
CHR10	4640875	CHR10:4640875	SSF x Far_LoA	-8,768	0,063	0,284
CHR10	4640883	CHR10:4640883	SSF x Far_LoA	-9,194	0,030	0,279
CHR10	4666496	CHR10:4666496	SSF x Far_LoA	-7,649	-0,190	0,284
CHR10	4666845	CHR10:4666845	SSF x Far_LoA	-9,388	0,052	0,291
CHR10	4685484	CHR10:4685484	SSF x Far_LoA	-11,429	0,051	0,304
CHR10	4685489	CHR10:4685489	SSF x Far_LoA	-10,610	-0,015	0,308
CHR10	4685592	CHR10:4685592	SSF x Far_LoA	-8,779	0,068	0,295
CHR10	4685608	CHR10:4685608	SSF x Far_LoA	-7,143	-0,124	0,280
CHR10	4714853	CHR10:4714853	SSF x Far_LoA	-6,063	0,097	0,287
CHR10	4717824	CHR10:4717824	SSF x Far_LoA	-8,525	-0,136	0,278
CHR10	4719398	CHR10:4719398	SSF x Far_LoA	-9,395	-0,010	0,295

CHR10	4719451	CHR10:4719451	SSF x Far_LoA	-8,422	0,054	0,293
CHR10	4720743	CHR10:4720743	SSF x Far_LoA	-10,481	0,054	0,302
CHR10	4720912	CHR10:4720912	SSF x Far_LoA	-9,858	0,065	0,288
CHR10	4720924	CHR10:4720924	SSF x Far_LoA	-8,365	0,011	0,295
CHR10	4721003	CHR10:4721003	SSF x Far_LoA	-8,715	0,091	0,288
CHR10	4721062	CHR10:4721062	SSF x Far_LoA	-9,389	0,086	0,279
CHR10	4746447	CHR10:4746447	SSF x Far_LoA	-11,408	-0,016	0,288
CHR10	4746725	CHR10:4746725	SSF x Far_LoA	-4,326	0,104	0,288
CHR10	4746816	CHR10:4746816	SSF x Far_LoA	-8,264	-0,070	0,272
CHR10	4750805	CHR10:4750805	SSF x Far_LoA	-11,183	0,015	0,297
CHR10	4750917	CHR10:4750917	SSF x Far_LoA	-6,433	0,028	0,314
CHR10	4750947	CHR10:4750947	SSF x Far_LoA	-11,300	-0,047	0,292
CHR10	4750951	CHR10:4750951	SSF x Far_LoA	-9,178	-0,017	0,293
CHR10	4751069	CHR10:4751069	SSF x Far_LoA	-7,783	-0,057	0,293
CHR10	4753127	CHR10:4753127	SSF x Far_LoA	-12,133	0,024	0,286
CHR10	4753167	CHR10:4753167	SSF x Far_LoA	-8,291	0,135	0,285
CHR10	4753168	CHR10:4753168	SSF x Far_LoA	-5,502	-0,197	0,279
CHR10	4753220	CHR10:4753220	SSF x Far_LoA	-7,532	0,138	0,285
CHR10	4753238	CHR10:4753238	SSF x Far_LoA	-10,830	-0,014	0,290
CHR10	4765268	CHR10:4765268	SSF x Far_LoA	-8,816	-0,121	0,286
CHR10	4765273	CHR10:4765273	SSF x Far_LoA	-7,581	0,148	0,276
CHR10	4765334	CHR10:4765334	SSF x Far_LoA	-9,763	0,022	0,291
CHR10	4765377	CHR10:4765377	SSF x Far_LoA	-9,782	-0,078	0,286
CHR10	4765378	CHR10:4765378	SSF x Far_LoA	-8,657	0,119	0,286
CHR10	4765393	CHR10:4765393	SSF x Far_LoA	-9,877	-0,094	0,291
CHR10	4770166	CHR10:4770166	SSF x Far_LoA	-10,402	0,016	0,295
CHR10	4770174	CHR10:4770174	SSF x Far_LoA	-9,757	0,070	0,291
CHR10	4771610	CHR10:4771610	SSF x Far_LoA	-6,002	-0,088	0,295
CHR10	4771661	CHR10:4771661	SSF x Far_LoA	-9,158	-0,036	0,289
CHR10	4771680	CHR10:4771680	SSF x Far_LoA	-6,406	-0,024	0,307
CHR10	4771736	CHR10:4771736	SSF x Far_LoA	-8,490	-0,027	0,294
CHR10	4771766	CHR10:4771766	SSF x Far_LoA	-4,367	-0,008	0,283
CHR10	4771786	CHR10:4771786	SSF x Far_LoA	-8,105	-0,010	0,306
CHR10	4778964	CHR10:4778964	SSF x Far_LoA	-6,667	0,118	0,286
CHR10	4779137	CHR10:4779137	SSF x Far_LoA	-11,619	0,061	0,281
CHR10	4779150	CHR10:4779150	SSF x Far_LoA	-10,463	-0,032	0,292
CHR10	4779237	CHR10:4779237	SSF x Far_LoA	-11,007	0,054	0,295
CHR10	4786753	CHR10:4786753	SSF x Far_LoA	-9,832	0,047	0,285
CHR10	4795727	CHR10:4795727	SSF x Far_LoA	-8,831	0,041	0,293
CHR10	4795809	CHR10:4795809	SSF x Far_LoA	-9,597	-0,088	0,284
CHR10	4795892	CHR10:4795892	SSF x Far_LoA	-6,783	-0,126	0,293
CHR10	4799423	CHR10:4799423	SSF x Far_LoA	-9,814	0,055	0,295
CHR10	4799496	CHR10:4799496	SSF x Far_LoA	-9,473	-0,033	0,282
CHR10	4799561	CHR10:4799561	SSF x Far_LoA	-8,219	-0,143	0,294
CHR10	4799588	CHR10:4799588	SSF x Far_LoA	-10,036	0,100	0,284
CHR10	4799634	CHR10:4799634	SSF x Far_LoA	-11,610	-0,045	0,297
CHR10	4805687	CHR10:4805687	SSF x Far_LoA	-9,116	0,006	0,281
CHR10	4805834	CHR10:4805834	SSF x Far_LoA	-8,721	-0,080	0,289
CHR10	4806934	CHR10:4806934	SSF x Far_LoA	-8,761	-0,007	0,294
CHR10	4806954	CHR10:4806954	SSF x Far_LoA	-11,383	-0,016	0,295
CHR10	4807075	CHR10:4807075	SSF x Far_LoA	-5,743	0,093	0,283
CHR10	4817079	CHR10:4817079	SSF x Far_LoA	-8,529	0,101	0,286
CHR10	4817174	CHR10:4817174	SSF x Far_LoA	-5,888	0,078	0,285

CHR10	4817339	CHR10:4817339	SSF x Far_LoA	-8,408	-0,037	0,309
CHR10	4817373	CHR10:4817373	SSF x Far_LoA	-5,266	0,212	0,263
CHR10	4837322	CHR10:4837322	SSF x Far_LoA	-8,857	0,021	0,296
CHR10	4842414	CHR10:4842414	SSF x Far_LoA	-10,900	0,096	0,295
CHR10	4842438	CHR10:4842438	SSF x Far_LoA	-10,464	0,115	0,267
CHR10	4849021	CHR10:4849021	SSF x Far_LoA	-8,229	-0,109	0,296
CHR10	4849128	CHR10:4849128	SSF x Far_LoA	-9,381	-0,008	0,306
CHR10	4849315	CHR10:4849315	SSF x Far_LoA	-6,832	0,051	0,298
CHR10	4849328	CHR10:4849328	SSF x Far_LoA	-8,845	-0,020	0,297
CHR10	4849335	CHR10:4849335	SSF x Far_LoA	-11,237	0,112	0,282
CHR10	4849395	CHR10:4849395	SSF x Far_LoA	-7,206	0,062	0,295
CHR10	4849401	CHR10:4849401	SSF x Far_LoA	-8,454	0,074	0,290
CHR10	4849445	CHR10:4849445	SSF x Far_LoA	-11,581	-0,061	0,289
CHR10	4875666	CHR10:4875666	SSF x Far_LoA	-10,543	0,033	0,293
CHR10	4878032	CHR10:4878032	SSF x Far_LoA	1,003	-0,103	0,286
CHR10	4878040	CHR10:4878040	SSF x Far_LoA	-4,365	0,189	0,288
CHR10	4878045	CHR10:4878045	SSF x Far_LoA	-9,721	0,029	0,278
CHR10	4878046	CHR10:4878046	SSF x Far_LoA	-10,104	-0,064	0,281
CHR10	4878199	CHR10:4878199	SSF x Far_LoA	-7,503	0,005	0,299
CHR10	4884522	CHR10:4884522	SSF x Far_LoA	-9,245	0,114	0,277
CHR10	4897218	CHR10:4897218	SSF x Far_LoA	-9,178	-0,165	0,289
CHR10	4897461	CHR10:4897461	SSF x Far_LoA	-10,676	0,018	0,303
CHR10	4903753	CHR10:4903753	SSF x Far_LoA	-6,175	-0,028	0,301
CHR10	4903778	CHR10:4903778	SSF x Far_LoA	-10,314	-0,080	0,284
CHR10	4904042	CHR10:4904042	SSF x Far_LoA	-2,325	-0,192	0,287
CHR10	4904059	CHR10:4904059	SSF x Far_LoA	-7,997	-0,075	0,298
CHR10	4909581	CHR10:4909581	SSF x Far_LoA	-9,936	-0,108	0,281
CHR10	4909596	CHR10:4909596	SSF x Far_LoA	-11,049	0,042	0,301
CHR10	4914299	CHR10:4914299	SSF x Far_LoA	-8,704	0,045	0,280
CHR10	4914443	CHR10:4914443	SSF x Far_LoA	-7,365	0,108	0,288
CHR10	4914476	CHR10:4914476	SSF x Far_LoA	-10,878	0,005	0,296
CHR10	4939104	CHR10:4939104	SSF x Far_LoA	-9,059	-0,080	0,293
CHR10	4939332	CHR10:4939332	SSF x Far_LoA	-7,890	-0,066	0,297
CHR10	4944401	CHR10:4944401	SSF x Far_LoA	-9,856	-0,103	0,292
CHR10	4949702	CHR10:4949702	SSF x Far_LoA	-7,098	-0,151	0,292
CHR10	4975125	CHR10:4975125	SSF x Far_LoA	-8,324	-0,044	0,308
CHR10	4989648	CHR10:4989648	SSF x Far_LoA	-7,748	-0,090	0,306
CHR10	4998550	CHR10:4998550	SSF x Far_LoA	-10,413	-0,045	0,288
CHR10	4998620	CHR10:4998620	SSF x Far_LoA	-10,955	0,058	0,280
CHR10	4998646	CHR10:4998646	SSF x Far_LoA	-9,587	0,078	0,284
CHR10	4999389	CHR10:4999389	SSF x Far_LoA	-10,779	0,114	0,273
CHR10	5002492	CHR10:5002492	SSF x Far_LoA	-9,410	0,064	0,270
CHR10	5002498	CHR10:5002498	SSF x Far_LoA	-7,935	0,076	0,282
CHR10	5002501	CHR10:5002501	SSF x Far_LoA	-7,398	0,067	0,279
CHR10	5002509	CHR10:5002509	SSF x Far_LoA	-7,319	0,104	0,285
CHR10	5019471	CHR10:5019471	SSF x Far_LoA	-10,661	0,042	0,280
CHR10	5019503	CHR10:5019503	SSF x Far_LoA	-10,850	-0,046	0,285
CHR10	5019548	CHR10:5019548	SSF x Far_LoA	-10,173	0,170	0,273
CHR10	5029424	CHR10:5029424	SSF x Far_LoA	-11,615	-0,054	0,289
CHR10	5029506	CHR10:5029506	SSF x Far_LoA	-10,427	0,068	0,283
CHR10	5031737	CHR10:5031737	SSF x Far_LoA	-8,676	-0,097	0,291
CHR10	5031818	CHR10:5031818	SSF x Far_LoA	-8,203	-0,142	0,283
CHR10	5042159	CHR10:5042159	SSF x Far_LoA	-10,393	-0,095	0,284

CHR10	5042497	CHR10:5042497	SSF x Far_LoA	-9,271	-0,029	0,296
CHR10	5068205	CHR10:5068205	SSF x Far_LoA	-9,852	0,084	0,309
CHR10	5068217	CHR10:5068217	SSF x Far_LoA	-8,147	-0,095	0,289
CHR10	5068240	CHR10:5068240	SSF x Far_LoA	-8,889	-0,035	0,291
CHR10	5068275	CHR10:5068275	SSF x Far_LoA	-10,122	0,010	0,287
CHR10	5068278	CHR10:5068278	SSF x Far_LoA	-9,120	0,073	0,273
CHR10	5068280	CHR10:5068280	SSF x Far_LoA	-6,784	-0,066	0,286
CHR10	5068379	CHR10:5068379	SSF x Far_LoA	-11,323	0,019	0,287
CHR10	5068468	CHR10:5068468	SSF x Far_LoA	-8,282	-0,001	0,275
CHR10	5074902	CHR10:5074902	SSF x Far_LoA	-8,884	0,005	0,307
CHR10	5074910	CHR10:5074910	SSF x Far_LoA	-7,828	-0,129	0,277
CHR10	5074913	CHR10:5074913	SSF x Far_LoA	-7,173	0,156	0,279
CHR10	5074917	CHR10:5074917	SSF x Far_LoA	-8,810	0,052	0,293
CHR10	5075030	CHR10:5075030	SSF x Far_LoA	-11,272	-0,071	0,294
CHR10	5075031	CHR10:5075031	SSF x Far_LoA	-10,922	-0,082	0,299
CHR10	5075034	CHR10:5075034	SSF x Far_LoA	-7,739	0,075	0,283
CHR10	5075072	CHR10:5075072	SSF x Far_LoA	-12,073	-0,031	0,288
CHR10	5075108	CHR10:5075108	SSF x Far_LoA	-8,186	0,047	0,303
CHR10	5075140	CHR10:5075140	SSF x Far_LoA	-9,410	0,004	0,288
CHR10	5078829	CHR10:5078829	SSF x Far_LoA	-8,726	-0,027	0,292
CHR10	5082775	CHR10:5082775	SSF x Far_LoA	-9,363	-0,043	0,299
CHR10	5094536	CHR10:5094536	SSF x Far_LoA	-8,847	-0,120	0,268
CHR10	5094705	CHR10:5094705	SSF x Far_LoA	-10,058	0,096	0,286
CHR10	5094740	CHR10:5094740	SSF x Far_LoA	-9,696	-0,008	0,288
CHR10	5094745	CHR10:5094745	SSF x Far_LoA	-9,462	0,069	0,298
CHR10	5094747	CHR10:5094747	SSF x Far_LoA	-10,291	0,036	0,302
CHR10	5094796	CHR10:5094796	SSF x Far_LoA	-8,113	0,103	0,290
CHR10	5094805	CHR10:5094805	SSF x Far_LoA	-9,840	-0,069	0,282
CHR10	5101870	CHR10:5101870	SSF x Far_LoA	-8,065	-0,061	0,291
CHR10	5102032	CHR10:5102032	SSF x Far_LoA	-9,967	-0,019	0,290
CHR10	5102143	CHR10:5102143	SSF x Far_LoA	-10,945	0,016	0,295
CHR10	5106742	CHR10:5106742	SSF x Far_LoA	-8,184	-0,106	0,283
CHR10	5106750	CHR10:5106750	SSF x Far_LoA	-8,902	-0,011	0,286
CHR10	5106785	CHR10:5106785	SSF x Far_LoA	-7,611	-0,097	0,285
CHR10	5106787	CHR10:5106787	SSF x Far_LoA	-8,708	-0,118	0,276
CHR10	5106839	CHR10:5106839	SSF x Far_LoA	-9,284	-0,057	0,292
CHR10	5106842	CHR10:5106842	SSF x Far_LoA	-7,983	-0,036	0,299
CHR10	5134836	CHR10:5134836	SSF x Far_LoA	-9,003	0,021	0,285
CHR10	5134837	CHR10:5134837	SSF x Far_LoA	-9,972	0,013	0,280
CHR10	5134859	CHR10:5134859	SSF x Far_LoA	-5,485	0,048	0,290
CHR10	5134948	CHR10:5134948	SSF x Far_LoA	-7,830	0,055	0,289
CHR10	5134990	CHR10:5134990	SSF x Far_LoA	-8,314	0,017	0,281
CHR10	5134994	CHR10:5134994	SSF x Far_LoA	-8,926	0,023	0,283
CHR10	5135013	CHR10:5135013	SSF x Far_LoA	-11,389	-0,016	0,300
CHR10	5135044	CHR10:5135044	SSF x Far_LoA	-9,404	-0,066	0,295
CHR10	5135837	CHR10:5135837	SSF x Far_LoA	-11,803	0,031	0,287
CHR10	5135840	CHR10:5135840	SSF x Far_LoA	-8,405	-0,060	0,308
CHR10	5135848	CHR10:5135848	SSF x Far_LoA	-8,363	-0,026	0,302
CHR10	5135850	CHR10:5135850	SSF x Far_LoA	-8,218	0,008	0,308
CHR10	5135865	CHR10:5135865	SSF x Far_LoA	-1,506	-0,155	0,295
CHR10	5135879	CHR10:5135879	SSF x Far_LoA	-3,165	0,250	0,280
CHR10	5138642	CHR10:5138642	SSF x Far_LoA	-8,535	-0,036	0,299
CHR10	5138706	CHR10:5138706	SSF x Far_LoA	-4,493	-0,113	0,297

CHR10	5138815	CHR10:5138815	SSF x Far_LoA	-8,402	0,086	0,307
CHR10	5138817	CHR10:5138817	SSF x Far_LoA	-9,599	0,064	0,289
CHR10	5138879	CHR10:5138879	SSF x Far_LoA	-8,705	0,124	0,290
CHR10	5158819	CHR10:5158819	SSF x Far_LoA	-9,846	-0,070	0,291
CHR10	5158838	CHR10:5158838	SSF x Far_LoA	-9,892	-0,038	0,284
CHR10	5158843	CHR10:5158843	SSF x Far_LoA	-9,944	-0,028	0,293
CHR10	5158864	CHR10:5158864	SSF x Far_LoA	-8,631	-0,036	0,296
CHR10	5158865	CHR10:5158865	SSF x Far_LoA	-9,395	-0,035	0,297
CHR10	5158891	CHR10:5158891	SSF x Far_LoA	-10,444	-0,078	0,291
CHR10	5158895	CHR10:5158895	SSF x Far_LoA	-10,468	-0,020	0,287
CHR10	5165444	CHR10:5165444	SSF x Far_LoA	-8,868	0,034	0,284
CHR10	5165764	CHR10:5165764	SSF x Far_LoA	-9,861	0,006	0,277
CHR10	5178737	CHR10:5178737	SSF x Far_LoA	-7,448	-0,154	0,293
CHR10	5187103	CHR10:5187103	SSF x Far_LoA	-8,906	-0,114	0,299
CHR10	5191017	CHR10:5191017	SSF x Far_LoA	-8,889	0,034	0,291
CHR10	5191035	CHR10:5191035	SSF x Far_LoA	-5,437	-0,103	0,287
CHR10	5191137	CHR10:5191137	SSF x Far_LoA	-8,010	-0,067	0,301
CHR10	5191159	CHR10:5191159	SSF x Far_LoA	-8,005	-0,017	0,297
CHR10	5200339	CHR10:5200339	SSF x Far_LoA	-4,500	0,123	0,293
CHR10	5200351	CHR10:5200351	SSF x Far_LoA	-9,454	0,030	0,317
CHR10	5217620	CHR10:5217620	SSF x Far_LoA	-9,455	-0,002	0,292
CHR10	5217626	CHR10:5217626	SSF x Far_LoA	-9,690	0,023	0,277
CHR10	5217663	CHR10:5217663	SSF x Far_LoA	-9,811	0,086	0,289
CHR10	5217809	CHR10:5217809	SSF x Far_LoA	-6,865	-0,075	0,300
CHR10	5227398	CHR10:5227398	SSF x Far_LoA	-8,085	0,009	0,290
CHR10	5227691	CHR10:5227691	SSF x Far_LoA	-6,384	-0,180	0,287
CHR10	5239586	CHR10:5239586	SSF x Far_LoA	-8,492	-0,038	0,293
CHR10	5239774	CHR10:5239774	SSF x Far_LoA	-9,538	-0,077	0,287
CHR10	5239832	CHR10:5239832	SSF x Far_LoA	-9,691	0,022	0,299
CHR10	5239841	CHR10:5239841	SSF x Far_LoA	-9,860	0,042	0,287
CHR10	5253265	CHR10:5253265	SSF x Far_LoA	-9,991	-0,037	0,286
CHR10	5253286	CHR10:5253286	SSF x Far_LoA	-9,327	0,120	0,309
CHR10	5253435	CHR10:5253435	SSF x Far_LoA	-10,141	-0,045	0,302
CHR10	5253528	CHR10:5253528	SSF x Far_LoA	-8,129	0,133	0,269
CHR10	5253591	CHR10:5253591	SSF x Far_LoA	-7,918	-0,102	0,295
CHR10	5253607	CHR10:5253607	SSF x Far_LoA	-9,204	0,038	0,301
CHR10	5258197	CHR10:5258197	SSF x Far_LoA	-7,264	0,130	0,295
CHR10	5258199	CHR10:5258199	SSF x Far_LoA	-8,340	0,138	0,295
CHR10	5258200	CHR10:5258200	SSF x Far_LoA	-4,687	0,167	0,297
CHR10	5258202	CHR10:5258202	SSF x Far_LoA	-7,048	0,155	0,290
CHR10	5258268	CHR10:5258268	SSF x Far_LoA	-7,859	0,087	0,293
CHR10	5264454	CHR10:5264454	SSF x Far_LoA	-10,446	-0,068	0,282
CHR10	526851	CHR10:526851	SSF x Far_LoA	-9,584	-0,076	0,281
CHR10	5286024	CHR10:5286024	SSF x Far_LoA	-9,800	0,107	0,278
CHR10	5288271	CHR10:5288271	SSF x Far_LoA	-11,729	-0,021	0,294
CHR10	5294738	CHR10:5294738	SSF x Far_LoA	-10,628	-0,014	0,292
CHR10	5294833	CHR10:5294833	SSF x Far_LoA	-8,447	-0,067	0,286
CHR10	5303365	CHR10:5303365	SSF x Far_LoA	-8,794	-0,042	0,301
CHR10	5303377	CHR10:5303377	SSF x Far_LoA	-8,579	-0,022	0,297
CHR10	5303457	CHR10:5303457	SSF x Far_LoA	-8,638	-0,105	0,278
CHR10	5303523	CHR10:5303523	SSF x Far_LoA	-10,918	-0,099	0,280
CHR10	5303565	CHR10:5303565	SSF x Far_LoA	-4,401	0,155	0,290
CHR10	5306384	CHR10:5306384	SSF x Far_LoA	-10,222	-0,048	0,289

CHR10	5306430	CHR10:5306430	SSF x Far_LoA	-11,220	0,066	0,282
CHR10	5313775	CHR10:5313775	SSF x Far_LoA	-6,796	0,119	0,293
CHR10	5313780	CHR10:5313780	SSF x Far_LoA	-5,874	-0,076	0,301
CHR10	5314024	CHR10:5314024	SSF x Far_LoA	-10,095	0,039	0,282
CHR10	5327629	CHR10:5327629	SSF x Far_LoA	-10,127	0,012	0,309
CHR10	5327716	CHR10:5327716	SSF x Far_LoA	-7,552	-0,120	0,292
CHR10	5327765	CHR10:5327765	SSF x Far_LoA	-7,740	0,083	0,268
CHR10	5327767	CHR10:5327767	SSF x Far_LoA	-9,847	-0,001	0,290
CHR10	5353686	CHR10:5353686	SSF x Far_LoA	-8,738	0,059	0,303
CHR10	5353769	CHR10:5353769	SSF x Far_LoA	-8,103	0,118	0,271
CHR10	5354020	CHR10:5354020	SSF x Far_LoA	-12,272	0,026	0,294
CHR10	5354039	CHR10:5354039	SSF x Far_LoA	-9,352	0,051	0,293
CHR10	5357687	CHR10:5357687	SSF x Far_LoA	-9,163	-0,065	0,287
CHR10	5357689	CHR10:5357689	SSF x Far_LoA	-7,766	-0,051	0,298
CHR10	5357758	CHR10:5357758	SSF x Far_LoA	-9,509	-0,065	0,273
CHR10	5381940	CHR10:5381940	SSF x Far_LoA	-9,265	0,083	0,284
CHR10	5383760	CHR10:5383760	SSF x Far_LoA	-10,007	0,092	0,285
CHR10	5387065	CHR10:5387065	SSF x Far_LoA	-4,702	-0,232	0,261
CHR10	5387161	CHR10:5387161	SSF x Far_LoA	-10,856	0,042	0,297
CHR10	5392634	CHR10:5392634	SSF x Far_LoA	-10,638	-0,050	0,286
CHR10	5392643	CHR10:5392643	SSF x Far_LoA	-11,600	0,082	0,280
CHR10	5392652	CHR10:5392652	SSF x Far_LoA	-10,138	0,080	0,278
CHR10	5392715	CHR10:5392715	SSF x Far_LoA	-7,388	0,024	0,298
CHR10	5392812	CHR10:5392812	SSF x Far_LoA	-7,939	0,029	0,289
CHR10	5392859	CHR10:5392859	SSF x Far_LoA	-8,665	0,030	0,302
CHR10	539602	CHR10:539602	SSF x Far_LoA	-8,328	-0,169	0,285
CHR10	539753	CHR10:539753	SSF x Far_LoA	-7,207	0,134	0,291
CHR10	5405449	CHR10:5405449	SSF x Far_LoA	-9,347	0,003	0,290
CHR10	5405454	CHR10:5405454	SSF x Far_LoA	-9,230	0,011	0,299
CHR10	5405517	CHR10:5405517	SSF x Far_LoA	-9,167	-0,013	0,308
CHR10	5411098	CHR10:5411098	SSF x Far_LoA	-9,936	-0,098	0,280
CHR10	5411197	CHR10:5411197	SSF x Far_LoA	-12,685	0,036	0,282
CHR10	5411275	CHR10:5411275	SSF x Far_LoA	-11,207	-0,060	0,289
CHR10	5411283	CHR10:5411283	SSF x Far_LoA	-6,759	0,086	0,303
CHR10	5414629	CHR10:5414629	SSF x Far_LoA	-12,284	0,067	0,280
CHR10	5414651	CHR10:5414651	SSF x Far_LoA	-7,965	0,097	0,288
CHR10	5414701	CHR10:5414701	SSF x Far_LoA	-10,755	-0,009	0,298
CHR10	543148	CHR10:543148	SSF x Far_LoA	-10,723	-0,117	0,298
CHR10	5431952	CHR10:5431952	SSF x Far_LoA	-8,681	-0,003	0,301
CHR10	5432074	CHR10:5432074	SSF x Far_LoA	-10,681	-0,016	0,297
CHR10	543340	CHR10:543340	SSF x Far_LoA	-7,743	-0,095	0,285
CHR10	543450	CHR10:543450	SSF x Far_LoA	-9,694	-0,056	0,284
CHR10	5451858	CHR10:5451858	SSF x Far_LoA	-8,510	0,034	0,297
CHR10	5452032	CHR10:5452032	SSF x Far_LoA	-11,196	-0,014	0,273
CHR10	5452126	CHR10:5452126	SSF x Far_LoA	-10,524	-0,005	0,271
CHR10	5452128	CHR10:5452128	SSF x Far_LoA	-9,367	0,054	0,278
CHR10	5452152	CHR10:5452152	SSF x Far_LoA	-8,424	0,015	0,284
CHR10	5452164	CHR10:5452164	SSF x Far_LoA	-8,841	0,153	0,295
CHR10	5452184	CHR10:5452184	SSF x Far_LoA	-8,888	0,012	0,293
CHR10	5453482	CHR10:5453482	SSF x Far_LoA	-7,609	-0,084	0,300
CHR10	5453527	CHR10:5453527	SSF x Far_LoA	-10,956	0,077	0,291
CHR10	5453696	CHR10:5453696	SSF x Far_LoA	-3,117	0,060	0,283
CHR10	5453699	CHR10:5453699	SSF x Far_LoA	-8,435	0,055	0,279

CHR10	5453702	CHR10:5453702	SSF x Far_LoA	-9,565	-0,088	0,285
CHR10	5473472	CHR10:5473472	SSF x Far_LoA	-9,818	-0,045	0,293
CHR10	5474644	CHR10:5474644	SSF x Far_LoA	-7,524	0,068	0,299
CHR10	5474894	CHR10:5474894	SSF x Far_LoA	-10,282	-0,040	0,274
CHR10	5488310	CHR10:5488310	SSF x Far_LoA	-6,630	0,076	0,288
CHR10	5507774	CHR10:5507774	SSF x Far_LoA	-9,949	0,024	0,286
CHR10	5507811	CHR10:5507811	SSF x Far_LoA	-9,734	-0,126	0,279
CHR10	5507848	CHR10:5507848	SSF x Far_LoA	-5,538	-0,162	0,286
CHR10	5507866	CHR10:5507866	SSF x Far_LoA	-9,869	-0,122	0,285
CHR10	5507923	CHR10:5507923	SSF x Far_LoA	-6,253	0,076	0,294
CHR10	5508007	CHR10:5508007	SSF x Far_LoA	-8,916	-0,037	0,296
CHR10	5508018	CHR10:5508018	SSF x Far_LoA	-9,782	0,070	0,301
CHR10	5521756	CHR10:5521756	SSF x Far_LoA	-7,535	-0,061	0,302
CHR10	5523949	CHR10:5523949	SSF x Far_LoA	-12,093	0,053	0,291
CHR10	5524002	CHR10:5524002	SSF x Far_LoA	-9,490	0,089	0,294
CHR10	5524265	CHR10:5524265	SSF x Far_LoA	-8,951	-0,035	0,296
CHR10	5526465	CHR10:5526465	SSF x Far_LoA	-8,717	0,115	0,307
CHR10	5527982	CHR10:5527982	SSF x Far_LoA	-10,349	0,011	0,281
CHR10	5528025	CHR10:5528025	SSF x Far_LoA	-9,388	0,003	0,293
CHR10	5550066	CHR10:5550066	SSF x Far_LoA	-9,894	-0,123	0,302
CHR10	5550070	CHR10:5550070	SSF x Far_LoA	-7,385	-0,128	0,279
CHR10	5552002	CHR10:5552002	SSF x Far_LoA	-10,614	0,066	0,295
CHR10	5556756	CHR10:5556756	SSF x Far_LoA	-6,043	0,041	0,306
CHR10	5566860	CHR10:5566860	SSF x Far_LoA	-8,970	-0,022	0,281
CHR10	556847	CHR10:556847	SSF x Far_LoA	-10,666	0,076	0,287
CHR10	556859	CHR10:556859	SSF x Far_LoA	-10,133	0,075	0,302
CHR10	5570954	CHR10:5570954	SSF x Far_LoA	-7,956	0,026	0,296
CHR10	5570973	CHR10:5570973	SSF x Far_LoA	-9,274	0,088	0,285
CHR10	5570984	CHR10:5570984	SSF x Far_LoA	-12,178	-0,023	0,295
CHR10	5571089	CHR10:5571089	SSF x Far_LoA	-8,265	0,083	0,292
CHR10	5571096	CHR10:5571096	SSF x Far_LoA	-8,797	0,087	0,290
CHR10	5571111	CHR10:5571111	SSF x Far_LoA	-10,083	0,092	0,303
CHR10	5571127	CHR10:5571127	SSF x Far_LoA	-9,591	0,096	0,295
CHR10	5574027	CHR10:5574027	SSF x Far_LoA	-9,127	0,028	0,276
CHR10	5588526	CHR10:5588526	SSF x Far_LoA	-6,296	0,054	0,307
CHR10	5588671	CHR10:5588671	SSF x Far_LoA	-10,723	-0,133	0,288
CHR10	5588723	CHR10:5588723	SSF x Far_LoA	-8,493	0,024	0,275
CHR10	5590069	CHR10:5590069	SSF x Far_LoA	-7,885	-0,189	0,288
CHR10	5590181	CHR10:5590181	SSF x Far_LoA	-6,130	0,212	0,284
CHR10	5590214	CHR10:5590214	SSF x Far_LoA	-8,720	0,060	0,289
CHR10	5590233	CHR10:5590233	SSF x Far_LoA	-8,168	0,077	0,284
CHR10	5590268	CHR10:5590268	SSF x Far_LoA	-9,174	0,078	0,279
CHR10	5590276	CHR10:5590276	SSF x Far_LoA	-8,860	0,008	0,308
CHR10	5590311	CHR10:5590311	SSF x Far_LoA	-10,897	-0,082	0,289
CHR10	5592895	CHR10:5592895	SSF x Far_LoA	-6,860	0,103	0,308
CHR10	5592900	CHR10:5592900	SSF x Far_LoA	-10,075	0,051	0,305
CHR10	5593074	CHR10:5593074	SSF x Far_LoA	-7,862	-0,090	0,301
CHR10	5599785	CHR10:5599785	SSF x Far_LoA	-10,663	0,027	0,288
CHR10	5607595	CHR10:5607595	SSF x Far_LoA	-8,752	-0,063	0,304
CHR10	5607624	CHR10:5607624	SSF x Far_LoA	-10,250	-0,083	0,297
CHR10	5607676	CHR10:5607676	SSF x Far_LoA	-4,831	-0,173	0,284
CHR10	5607728	CHR10:5607728	SSF x Far_LoA	-6,558	-0,118	0,280
CHR10	5616521	CHR10:5616521	SSF x Far_LoA	-10,529	0,085	0,287

CHR10	5629699	CHR10:5629699	SSF x Far_LoA	-11,934	0,100	0,282
CHR10	5629768	CHR10:5629768	SSF x Far_LoA	-9,613	0,019	0,297
CHR10	5629807	CHR10:5629807	SSF x Far_LoA	-8,592	0,039	0,299
CHR10	5655808	CHR10:5655808	SSF x Far_LoA	-10,232	-0,030	0,277
CHR10	5655871	CHR10:5655871	SSF x Far_LoA	-7,476	-0,114	0,273
CHR10	5661506	CHR10:5661506	SSF x Far_LoA	-11,229	0,037	0,297
CHR10	5661685	CHR10:5661685	SSF x Far_LoA	-4,195	0,249	0,268
CHR10	5661747	CHR10:5661747	SSF x Far_LoA	-11,100	0,046	0,283
CHR10	5661802	CHR10:5661802	SSF x Far_LoA	-9,524	0,148	0,298
CHR10	5661871	CHR10:5661871	SSF x Far_LoA	-7,432	-0,118	0,285
CHR10	5666024	CHR10:5666024	SSF x Far_LoA	-10,897	0,045	0,300
CHR10	5686541	CHR10:5686541	SSF x Far_LoA	-10,443	0,015	0,283
CHR10	5686597	CHR10:5686597	SSF x Far_LoA	-5,842	0,040	0,285
CHR10	5686908	CHR10:5686908	SSF x Far_LoA	-8,594	-0,025	0,298
CHR10	5701327	CHR10:5701327	SSF x Far_LoA	-0,860	0,169	0,286
CHR10	5704983	CHR10:5704983	SSF x Far_LoA	-9,695	-0,096	0,299
CHR10	5705364	CHR10:5705364	SSF x Far_LoA	-5,133	0,119	0,288
CHR10	5705409	CHR10:5705409	SSF x Far_LoA	-8,180	0,007	0,294
CHR10	5705434	CHR10:5705434	SSF x Far_LoA	-7,854	-0,115	0,279
CHR10	5710614	CHR10:5710614	SSF x Far_LoA	-8,824	-0,079	0,279
CHR10	5713506	CHR10:5713506	SSF x Far_LoA	-10,728	0,084	0,293
CHR10	5732807	CHR10:5732807	SSF x Far_LoA	-11,433	0,071	0,297
CHR10	5732997	CHR10:5732997	SSF x Far_LoA	-10,238	0,018	0,282
CHR10	5754811	CHR10:5754811	SSF x Far_LoA	-10,285	-0,046	0,290
CHR10	5775045	CHR10:5775045	SSF x Far_LoA	-7,678	0,154	0,267
CHR10	5775260	CHR10:5775260	SSF x Far_LoA	-0,788	-0,202	0,281
CHR10	5775316	CHR10:5775316	SSF x Far_LoA	-8,925	-0,015	0,303
CHR10	5775392	CHR10:5775392	SSF x Far_LoA	-6,857	0,006	0,302
CHR10	5787669	CHR10:5787669	SSF x Far_LoA	-9,138	-0,056	0,290
CHR10	5787720	CHR10:5787720	SSF x Far_LoA	-8,009	0,148	0,296
CHR10	5795761	CHR10:5795761	SSF x Far_LoA	-8,840	0,088	0,295
CHR10	5795857	CHR10:5795857	SSF x Far_LoA	-9,291	0,074	0,287
CHR10	5835972	CHR10:5835972	SSF x Far_LoA	-8,679	0,164	0,286
CHR10	5836218	CHR10:5836218	SSF x Far_LoA	-9,771	0,128	0,274
CHR10	5836243	CHR10:5836243	SSF x Far_LoA	-10,797	0,078	0,284
CHR10	5836972	CHR10:5836972	SSF x Far_LoA	-11,274	0,043	0,286
CHR10	5837094	CHR10:5837094	SSF x Far_LoA	-4,755	0,138	0,289
CHR10	5837153	CHR10:5837153	SSF x Far_LoA	-6,499	0,046	0,292
CHR10	5866801	CHR10:5866801	SSF x Far_LoA	-8,238	0,086	0,281
CHR10	5866802	CHR10:5866802	SSF x Far_LoA	-8,720	0,062	0,286
CHR10	5866842	CHR10:5866842	SSF x Far_LoA	-9,574	-0,073	0,294
CHR10	5866849	CHR10:5866849	SSF x Far_LoA	-9,167	0,070	0,282
CHR10	5874534	CHR10:5874534	SSF x Far_LoA	-6,769	0,119	0,303
CHR10	5874576	CHR10:5874576	SSF x Far_LoA	-6,561	0,007	0,286
CHR10	5875842	CHR10:5875842	SSF x Far_LoA	-9,479	0,016	0,288
CHR10	5876158	CHR10:5876158	SSF x Far_LoA	-9,457	-0,092	0,290
CHR10	5884898	CHR10:5884898	SSF x Far_LoA	-8,462	-0,105	0,283
CHR10	5884916	CHR10:5884916	SSF x Far_LoA	-6,669	-0,107	0,291
CHR10	5885230	CHR10:5885230	SSF x Far_LoA	-6,916	-0,221	0,279
CHR10	5889600	CHR10:5889600	SSF x Far_LoA	-7,806	-0,039	0,292
CHR10	5891894	CHR10:5891894	SSF x Far_LoA	-11,282	0,037	0,296
CHR10	5896365	CHR10:5896365	SSF x Far_LoA	-6,414	0,056	0,317
CHR10	5897687	CHR10:5897687	SSF x Far_LoA	-12,410	0,021	0,293

CHR10	5897744	CHR10:5897744	SSF x Far_LoA	23,144	0,013	0,289
CHR10	5897768	CHR10:5897768	SSF x Far_LoA	-7,645	0,065	0,286
CHR10	5897816	CHR10:5897816	SSF x Far_LoA	-4,193	-0,074	0,310
CHR10	5897817	CHR10:5897817	SSF x Far_LoA	-8,920	0,000	0,306
CHR10	5909341	CHR10:5909341	SSF x Far_LoA	-6,969	0,064	0,279
CHR10	5909348	CHR10:5909348	SSF x Far_LoA	-7,437	0,003	0,282
CHR10	5909355	CHR10:5909355	SSF x Far_LoA	-12,180	0,091	0,269
CHR10	5909360	CHR10:5909360	SSF x Far_LoA	-7,855	0,091	0,297
CHR10	5909795	CHR10:5909795	SSF x Far_LoA	-8,040	-0,212	0,278
CHR10	5909859	CHR10:5909859	SSF x Far_LoA	-3,984	0,146	0,293
CHR10	5909860	CHR10:5909860	SSF x Far_LoA	-9,370	-0,099	0,290
CHR10	5909967	CHR10:5909967	SSF x Far_LoA	-2,920	-0,168	0,276
CHR10	5914826	CHR10:5914826	SSF x Far_LoA	-8,853	0,113	0,295
CHR10	5914997	CHR10:5914997	SSF x Far_LoA	-8,661	-0,023	0,287
CHR10	5926376	CHR10:5926376	SSF x Far_LoA	-10,543	-0,064	0,292
CHR10	5926431	CHR10:5926431	SSF x Far_LoA	-8,171	-0,041	0,298
CHR10	5926447	CHR10:5926447	SSF x Far_LoA	-10,851	-0,046	0,293
CHR10	5926453	CHR10:5926453	SSF x Far_LoA	-7,949	0,108	0,293
CHR10	5926457	CHR10:5926457	SSF x Far_LoA	-7,827	-0,134	0,291
CHR10	5926473	CHR10:5926473	SSF x Far_LoA	-9,291	-0,104	0,292
CHR10	5926484	CHR10:5926484	SSF x Far_LoA	-7,576	-0,084	0,297
CHR10	5927603	CHR10:5927603	SSF x Far_LoA	-11,458	0,017	0,290
CHR10	5927649	CHR10:5927649	SSF x Far_LoA	-9,328	0,121	0,286
CHR10	5933138	CHR10:5933138	SSF x Far_LoA	3,395	-0,241	0,270
CHR10	5935304	CHR10:5935304	SSF x Far_LoA	-8,695	-0,017	0,300
CHR10	5935311	CHR10:5935311	SSF x Far_LoA	-6,716	-0,079	0,292
CHR10	5941223	CHR10:5941223	SSF x Far_LoA	-8,618	-0,001	0,292
CHR10	5941287	CHR10:5941287	SSF x Far_LoA	-5,379	0,018	0,286
CHR10	5941307	CHR10:5941307	SSF x Far_LoA	-8,870	0,057	0,284
CHR10	5941310	CHR10:5941310	SSF x Far_LoA	-11,310	0,048	0,279
CHR10	5941318	CHR10:5941318	SSF x Far_LoA	-9,124	0,046	0,284
CHR10	5941340	CHR10:5941340	SSF x Far_LoA	-7,900	-0,116	0,297
CHR10	5941352	CHR10:5941352	SSF x Far_LoA	-5,180	0,011	0,287
CHR10	5972187	CHR10:5972187	SSF x Far_LoA	-10,001	-0,031	0,291
CHR10	5972222	CHR10:5972222	SSF x Far_LoA	-5,764	0,163	0,295
CHR10	5972291	CHR10:5972291	SSF x Far_LoA	-10,164	0,071	0,298
CHR10	5972432	CHR10:5972432	SSF x Far_LoA	-9,477	0,115	0,282
CHR10	5976495	CHR10:5976495	SSF x Far_LoA	-11,316	0,024	0,289
CHR10	5976511	CHR10:5976511	SSF x Far_LoA	-10,232	0,066	0,284
CHR10	5977486	CHR10:5977486	SSF x Far_LoA	-9,730	-0,003	0,298
CHR10	5977676	CHR10:5977676	SSF x Far_LoA	-6,095	-0,144	0,288
CHR10	5985371	CHR10:5985371	SSF x Far_LoA	-9,764	0,087	0,289
CHR10	5985571	CHR10:5985571	SSF x Far_LoA	-4,799	0,091	0,297
CHR10	5985579	CHR10:5985579	SSF x Far_LoA	-8,595	0,067	0,298
CHR10	5985584	CHR10:5985584	SSF x Far_LoA	-5,503	0,055	0,298
CHR10	5999585	CHR10:5999585	SSF x Far_LoA	-9,491	0,019	0,306
CHR10	5999630	CHR10:5999630	SSF x Far_LoA	0,339	0,069	0,291
CHR10	5999638	CHR10:5999638	SSF x Far_LoA	-8,681	0,066	0,297
CHR10	5999639	CHR10:5999639	SSF x Far_LoA	-6,052	0,047	0,294
CHR10	5999706	CHR10:5999706	SSF x Far_LoA	-8,321	0,053	0,290
CHR10	5999748	CHR10:5999748	SSF x Far_LoA	-9,411	-0,065	0,284
CHR10	6000567	CHR10:6000567	SSF x Far_LoA	-8,305	0,089	0,257
CHR10	6000634	CHR10:6000634	SSF x Far_LoA	-7,747	0,125	0,253

CHR10	6003261	CHR10:6003261	SSF x Far_LoA	-10,405	-0,043	0,298
CHR10	6009038	CHR10:6009038	SSF x Far_LoA	-8,994	0,104	0,307
CHR10	6009052	CHR10:6009052	SSF x Far_LoA	-10,725	0,018	0,299
CHR10	6009071	CHR10:6009071	SSF x Far_LoA	-8,104	-0,086	0,289
CHR10	6009088	CHR10:6009088	SSF x Far_LoA	-5,965	0,051	0,294
CHR10	6036600	CHR10:6036600	SSF x Far_LoA	-10,673	0,011	0,293
CHR10	6036940	CHR10:6036940	SSF x Far_LoA	-10,827	0,030	0,306
CHR10	6039728	CHR10:6039728	SSF x Far_LoA	-9,212	0,021	0,300
CHR10	6039734	CHR10:6039734	SSF x Far_LoA	-8,573	0,022	0,304
CHR10	6039763	CHR10:6039763	SSF x Far_LoA	-11,454	0,005	0,297
CHR10	6039766	CHR10:6039766	SSF x Far_LoA	-10,111	-0,029	0,293
CHR10	6039767	CHR10:6039767	SSF x Far_LoA	-8,541	0,013	0,285
CHR10	6039828	CHR10:6039828	SSF x Far_LoA	-7,717	0,127	0,280
CHR10	6039831	CHR10:6039831	SSF x Far_LoA	-9,723	0,060	0,289
CHR10	6039835	CHR10:6039835	SSF x Far_LoA	-11,103	0,064	0,280
CHR10	6047146	CHR10:6047146	SSF x Far_LoA	-12,138	0,094	0,285
CHR10	6047342	CHR10:6047342	SSF x Far_LoA	-11,188	-0,041	0,281
CHR10	6047411	CHR10:6047411	SSF x Far_LoA	-9,403	-0,067	0,294
CHR10	6047481	CHR10:6047481	SSF x Far_LoA	-10,477	0,035	0,281
CHR10	608015	CHR10:608015	SSF x Far_LoA	-9,876	0,039	0,300
CHR10	608107	CHR10:608107	SSF x Far_LoA	-8,354	-0,067	0,306
CHR10	6095729	CHR10:6095729	SSF x Far_LoA	-7,759	0,145	0,303
CHR10	6095752	CHR10:6095752	SSF x Far_LoA	-5,829	0,219	0,270
CHR10	6099425	CHR10:6099425	SSF x Far_LoA	-9,732	-0,008	0,301
CHR10	6099446	CHR10:6099446	SSF x Far_LoA	-7,336	-0,122	0,282
CHR10	6112168	CHR10:6112168	SSF x Far_LoA	-7,650	0,144	0,291
CHR10	6112175	CHR10:6112175	SSF x Far_LoA	-7,856	-0,154	0,268
CHR10	6116492	CHR10:6116492	SSF x Far_LoA	-10,754	-0,061	0,309
CHR10	6116707	CHR10:6116707	SSF x Far_LoA	-8,935	0,017	0,281
CHR10	614237	CHR10:614237	SSF x Far_LoA	-9,620	0,040	0,293
CHR10	614337	CHR10:614337	SSF x Far_LoA	-11,424	0,046	0,302
CHR10	6151940	CHR10:6151940	SSF x Far_LoA	-10,542	0,114	0,285
CHR10	6152098	CHR10:6152098	SSF x Far_LoA	-9,587	0,089	0,298
CHR10	6152161	CHR10:6152161	SSF x Far_LoA	-9,072	0,095	0,296
CHR10	6152168	CHR10:6152168	SSF x Far_LoA	-10,635	0,088	0,278
CHR10	6152215	CHR10:6152215	SSF x Far_LoA	-8,822	0,097	0,279
CHR10	615566	CHR10:615566	SSF x Far_LoA	-9,775	0,098	0,286
CHR10	6158545	CHR10:6158545	SSF x Far_LoA	-8,589	-0,090	0,281
CHR10	6158551	CHR10:6158551	SSF x Far_LoA	-8,679	-0,029	0,300
CHR10	6158584	CHR10:6158584	SSF x Far_LoA	-9,572	-0,030	0,301
CHR10	6166683	CHR10:6166683	SSF x Far_LoA	-10,472	-0,021	0,306
CHR10	6166876	CHR10:6166876	SSF x Far_LoA	-6,768	0,081	0,301
CHR10	6177813	CHR10:6177813	SSF x Far_LoA	-7,188	-0,110	0,281
CHR10	6177849	CHR10:6177849	SSF x Far_LoA	-9,121	0,036	0,280
CHR10	6177873	CHR10:6177873	SSF x Far_LoA	10,341	0,106	0,266
CHR10	6178003	CHR10:6178003	SSF x Far_LoA	-9,140	0,056	0,291
CHR10	6183800	CHR10:6183800	SSF x Far_LoA	-6,766	0,108	0,295
CHR10	6184076	CHR10:6184076	SSF x Far_LoA	-7,584	-0,146	0,291
CHR10	6184084	CHR10:6184084	SSF x Far_LoA	-7,508	0,122	0,301
CHR10	6195085	CHR10:6195085	SSF x Far_LoA	-7,244	0,059	0,290
CHR10	6196976	CHR10:6196976	SSF x Far_LoA	-9,631	-0,072	0,293
CHR10	6228844	CHR10:6228844	SSF x Far_LoA	-8,910	-0,007	0,295
CHR10	6228898	CHR10:6228898	SSF x Far_LoA	-8,702	0,008	0,296

CHR10	6228913	CHR10:6228913	SSF x Far_LoA	-8,847	0,116	0,293
CHR10	6235758	CHR10:6235758	SSF x Far_LoA	-7,844	0,087	0,295
CHR10	6235780	CHR10:6235780	SSF x Far_LoA	-8,688	0,101	0,291
CHR10	6235854	CHR10:6235854	SSF x Far_LoA	-11,056	-0,121	0,285
CHR10	6236014	CHR10:6236014	SSF x Far_LoA	-9,448	-0,107	0,305
CHR10	6252583	CHR10:6252583	SSF x Far_LoA	-11,172	-0,013	0,282
CHR10	625873	CHR10:625873	SSF x Far_LoA	-12,359	-0,043	0,299
CHR10	6265355	CHR10:6265355	SSF x Far_LoA	-5,914	0,136	0,280
CHR10	6265393	CHR10:6265393	SSF x Far_LoA	-6,885	0,146	0,278
CHR10	6265527	CHR10:6265527	SSF x Far_LoA	-7,375	-0,072	0,293
CHR10	629067	CHR10:629067	SSF x Far_LoA	-9,911	0,178	0,281
CHR10	6291730	CHR10:6291730	SSF x Far_LoA	-8,584	-0,020	0,287
CHR10	6317355	CHR10:6317355	SSF x Far_LoA	-9,408	-0,074	0,284
CHR10	6317356	CHR10:6317356	SSF x Far_LoA	-9,819	-0,041	0,276
CHR10	6339025	CHR10:6339025	SSF x Far_LoA	-6,815	-0,030	0,304
CHR10	6339135	CHR10:6339135	SSF x Far_LoA	-8,913	0,123	0,282
CHR10	6339148	CHR10:6339148	SSF x Far_LoA	-10,841	-0,073	0,270
CHR10	6339165	CHR10:6339165	SSF x Far_LoA	-1,910	0,155	0,294
CHR10	6339253	CHR10:6339253	SSF x Far_LoA	-9,481	-0,022	0,290
CHR10	6339268	CHR10:6339268	SSF x Far_LoA	-8,336	0,103	0,300
CHR10	6339288	CHR10:6339288	SSF x Far_LoA	-8,803	0,014	0,299
CHR10	6351818	CHR10:6351818	SSF x Far_LoA	-2,317	0,058	0,291
CHR10	6351879	CHR10:6351879	SSF x Far_LoA	-9,506	0,074	0,296
CHR10	6352145	CHR10:6352145	SSF x Far_LoA	-8,934	0,025	0,296
CHR10	635349	CHR10:635349	SSF x Far_LoA	-10,982	-0,073	0,300
CHR10	6384338	CHR10:6384338	SSF x Far_LoA	-6,609	-0,106	0,284
CHR10	6404122	CHR10:6404122	SSF x Far_LoA	-10,815	-0,056	0,295
CHR10	6404251	CHR10:6404251	SSF x Far_LoA	-11,854	0,066	0,298
CHR10	6416764	CHR10:6416764	SSF x Far_LoA	-9,995	-0,130	0,297
CHR10	6426869	CHR10:6426869	SSF x Far_LoA	-2,288	0,218	0,284
CHR10	6426879	CHR10:6426879	SSF x Far_LoA	-4,078	0,209	0,277
CHR10	6426966	CHR10:6426966	SSF x Far_LoA	-10,101	0,106	0,290
CHR10	6427020	CHR10:6427020	SSF x Far_LoA	-11,532	0,085	0,287
CHR10	6427188	CHR10:6427188	SSF x Far_LoA	-8,989	-0,025	0,279
CHR10	6444392	CHR10:6444392	SSF x Far_LoA	-11,061	-0,022	0,295
CHR10	6444412	CHR10:6444412	SSF x Far_LoA	-10,960	0,020	0,298
CHR10	6444496	CHR10:6444496	SSF x Far_LoA	-10,129	-0,060	0,281
CHR10	6450351	CHR10:6450351	SSF x Far_LoA	-7,917	-0,134	0,288
CHR10	6450352	CHR10:6450352	SSF x Far_LoA	-8,152	-0,106	0,299
CHR10	6451327	CHR10:6451327	SSF x Far_LoA	-3,338	-0,053	0,300
CHR10	6451387	CHR10:6451387	SSF x Far_LoA	-10,062	0,002	0,291
CHR10	6460639	CHR10:6460639	SSF x Far_LoA	-11,222	0,038	0,288
CHR10	6475566	CHR10:6475566	SSF x Far_LoA	-8,976	-0,027	0,284
CHR10	6475610	CHR10:6475610	SSF x Far_LoA	-11,235	-0,053	0,287
CHR10	6475624	CHR10:6475624	SSF x Far_LoA	-8,751	0,001	0,310
CHR10	6475639	CHR10:6475639	SSF x Far_LoA	-9,216	0,042	0,303
CHR10	6475662	CHR10:6475662	SSF x Far_LoA	-9,800	-0,035	0,289
CHR10	6475706	CHR10:6475706	SSF x Far_LoA	-9,893	-0,071	0,302
CHR10	6475726	CHR10:6475726	SSF x Far_LoA	-7,957	0,154	0,284
CHR10	6483471	CHR10:6483471	SSF x Far_LoA	-9,551	0,066	0,275
CHR10	6483505	CHR10:6483505	SSF x Far_LoA	-10,399	-0,011	0,298
CHR10	6517737	CHR10:6517737	SSF x Far_LoA	-10,282	0,061	0,302
CHR10	6517884	CHR10:6517884	SSF x Far_LoA	-10,813	-0,051	0,284

CHR10	6517919	CHR10:6517919	SSF x Far_LoA	-8,866	0,137	0,289
CHR10	6517981	CHR10:6517981	SSF x Far_LoA	-9,432	0,026	0,291
CHR10	6524565	CHR10:6524565	SSF x Far_LoA	-9,472	0,029	0,279
CHR10	6524714	CHR10:6524714	SSF x Far_LoA	-10,603	-0,042	0,299
CHR10	6531988	CHR10:6531988	SSF x Far_LoA	-6,692	-0,197	0,294
CHR10	6586457	CHR10:6586457	SSF x Far_LoA	-9,132	-0,005	0,284
CHR10	6586738	CHR10:6586738	SSF x Far_LoA	-7,916	-0,034	0,292
CHR10	6589885	CHR10:6589885	SSF x Far_LoA	-10,055	-0,114	0,282
CHR10	6589904	CHR10:6589904	SSF x Far_LoA	-7,945	-0,040	0,313
CHR10	6589963	CHR10:6589963	SSF x Far_LoA	-7,412	-0,124	0,289
CHR10	6589969	CHR10:6589969	SSF x Far_LoA	-9,676	-0,080	0,306
CHR10	6603304	CHR10:6603304	SSF x Far_LoA	-8,989	0,059	0,281
CHR10	6603431	CHR10:6603431	SSF x Far_LoA	-8,732	0,014	0,293
CHR10	6614649	CHR10:6614649	SSF x Far_LoA	-10,512	0,103	0,293
CHR10	6614861	CHR10:6614861	SSF x Far_LoA	-9,656	0,035	0,304
CHR10	6614972	CHR10:6614972	SSF x Far_LoA	-9,177	0,013	0,300
CHR10	6624801	CHR10:6624801	SSF x Far_LoA	-8,531	-0,066	0,289
CHR10	6624838	CHR10:6624838	SSF x Far_LoA	-9,807	0,077	0,296
CHR10	6624852	CHR10:6624852	SSF x Far_LoA	-9,181	-0,074	0,298
CHR10	6624922	CHR10:6624922	SSF x Far_LoA	-7,096	-0,025	0,311
CHR10	6624978	CHR10:6624978	SSF x Far_LoA	-7,284	-0,104	0,301
CHR10	6629929	CHR10:6629929	SSF x Far_LoA	-9,327	0,088	0,288
CHR10	6629971	CHR10:6629971	SSF x Far_LoA	-9,309	-0,037	0,300
CHR10	6633350	CHR10:6633350	SSF x Far_LoA	-6,333	-0,172	0,277
CHR10	6633352	CHR10:6633352	SSF x Far_LoA	-9,604	0,125	0,277
CHR10	6633395	CHR10:6633395	SSF x Far_LoA	-8,907	-0,112	0,281
CHR10	6633524	CHR10:6633524	SSF x Far_LoA	-9,901	0,079	0,284
CHR10	6644328	CHR10:6644328	SSF x Far_LoA	-8,356	0,009	0,270
CHR10	6644334	CHR10:6644334	SSF x Far_LoA	-10,799	-0,035	0,278
CHR10	6649742	CHR10:6649742	SSF x Far_LoA	-9,764	0,039	0,298
CHR10	6649743	CHR10:6649743	SSF x Far_LoA	-9,618	0,149	0,282
CHR10	6652229	CHR10:6652229	SSF x Far_LoA	-10,254	0,069	0,277
CHR10	6652253	CHR10:6652253	SSF x Far_LoA	-9,577	0,084	0,304
CHR10	6660507	CHR10:6660507	SSF x Far_LoA	-10,003	0,064	0,300
CHR10	6660517	CHR10:6660517	SSF x Far_LoA	-8,921	0,054	0,288
CHR10	6667301	CHR10:6667301	SSF x Far_LoA	-7,388	-0,148	0,287
CHR10	6667344	CHR10:6667344	SSF x Far_LoA	0,696	-0,128	0,301
CHR10	6667567	CHR10:6667567	SSF x Far_LoA	-6,281	0,166	0,284
CHR10	6667718	CHR10:6667718	SSF x Far_LoA	-8,868	-0,048	0,288
CHR10	6689386	CHR10:6689386	SSF x Far_LoA	-8,359	-0,090	0,285
CHR10	6689533	CHR10:6689533	SSF x Far_LoA	-11,015	0,002	0,271
CHR10	6694481	CHR10:6694481	SSF x Far_LoA	-4,484	0,087	0,292
CHR10	6718463	CHR10:6718463	SSF x Far_LoA	-9,379	-0,031	0,291
CHR10	6737126	CHR10:6737126	SSF x Far_LoA	-11,542	0,047	0,288
CHR10	6751898	CHR10:6751898	SSF x Far_LoA	-10,275	0,129	0,287
CHR10	6753565	CHR10:6753565	SSF x Far_LoA	-10,221	0,077	0,295
CHR10	6753590	CHR10:6753590	SSF x Far_LoA	-9,491	-0,027	0,282
CHR10	6759167	CHR10:6759167	SSF x Far_LoA	-8,396	-0,189	0,282
CHR10	6781568	CHR10:6781568	SSF x Far_LoA	-10,308	-0,006	0,287
CHR10	6781606	CHR10:6781606	SSF x Far_LoA	-10,112	0,062	0,297
CHR10	6781610	CHR10:6781610	SSF x Far_LoA	-9,059	-0,021	0,269
CHR10	6794939	CHR10:6794939	SSF x Far_LoA	-8,130	-0,086	0,304
CHR10	6794941	CHR10:6794941	SSF x Far_LoA	-6,483	-0,120	0,281

CHR10	6794985	CHR10:6794985	SSF x Far_LoA	-9,118	0,174	0,290
CHR10	6795165	CHR10:6795165	SSF x Far_LoA	-8,535	-0,107	0,287
CHR10	6795214	CHR10:6795214	SSF x Far_LoA	-11,062	-0,104	0,297
CHR10	6799544	CHR10:6799544	SSF x Far_LoA	-6,157	0,076	0,297
CHR10	6799709	CHR10:6799709	SSF x Far_LoA	-9,088	0,024	0,282
CHR10	6799716	CHR10:6799716	SSF x Far_LoA	-10,024	0,016	0,289
CHR10	6799720	CHR10:6799720	SSF x Far_LoA	-10,041	0,113	0,287
CHR10	6799826	CHR10:6799826	SSF x Far_LoA	-11,851	0,042	0,279
CHR10	6807207	CHR10:6807207	SSF x Far_LoA	-10,994	0,008	0,300
CHR10	6807221	CHR10:6807221	SSF x Far_LoA	-6,785	-0,053	0,302
CHR10	6807236	CHR10:6807236	SSF x Far_LoA	-6,073	-0,005	0,297
CHR10	6815617	CHR10:6815617	SSF x Far_LoA	-7,008	-0,116	0,298
CHR10	6821790	CHR10:6821790	SSF x Far_LoA	-10,409	0,026	0,286
CHR10	6822052	CHR10:6822052	SSF x Far_LoA	-11,116	0,033	0,278
CHR10	6834238	CHR10:6834238	SSF x Far_LoA	-10,105	0,129	0,289
CHR10	6834277	CHR10:6834277	SSF x Far_LoA	-7,630	0,156	0,279
CHR10	6834281	CHR10:6834281	SSF x Far_LoA	-4,972	0,179	0,295
CHR10	6834286	CHR10:6834286	SSF x Far_LoA	-7,565	0,167	0,277
CHR10	6834295	CHR10:6834295	SSF x Far_LoA	-11,461	0,043	0,292
CHR10	6834336	CHR10:6834336	SSF x Far_LoA	-9,316	-0,038	0,288
CHR10	6834467	CHR10:6834467	SSF x Far_LoA	-9,921	0,060	0,286
CHR10	6834480	CHR10:6834480	SSF x Far_LoA	-1,418	0,244	0,280
CHR10	6898112	CHR10:6898112	SSF x Far_LoA	-10,223	0,055	0,307
CHR10	6912337	CHR10:6912337	SSF x Far_LoA	-9,934	-0,117	0,299
CHR10	6923446	CHR10:6923446	SSF x Far_LoA	-4,747	-0,071	0,296
CHR10	6928393	CHR10:6928393	SSF x Far_LoA	-9,210	-0,018	0,287
CHR10	6929929	CHR10:6929929	SSF x Far_LoA	-8,990	-0,025	0,288
CHR10	6939235	CHR10:6939235	SSF x Far_LoA	-9,460	0,020	0,292
CHR10	6963889	CHR10:6963889	SSF x Far_LoA	-9,390	-0,092	0,301
CHR10	6964094	CHR10:6964094	SSF x Far_LoA	-10,055	0,141	0,285
CHR10	6968595	CHR10:6968595	SSF x Far_LoA	-7,645	0,015	0,298
CHR10	6973834	CHR10:6973834	SSF x Far_LoA	-11,209	0,019	0,303
CHR10	6991842	CHR10:6991842	SSF x Far_LoA	-11,771	0,039	0,289
CHR10	7022876	CHR10:7022876	SSF x Far_LoA	-9,833	0,037	0,283
CHR10	7022957	CHR10:7022957	SSF x Far_LoA	-12,147	0,028	0,290
CHR10	7024483	CHR10:7024483	SSF x Far_LoA	-8,462	0,165	0,282
CHR10	7029272	CHR10:7029272	SSF x Far_LoA	-9,896	0,077	0,288
CHR10	7029307	CHR10:7029307	SSF x Far_LoA	-11,334	-0,001	0,299
CHR10	7029367	CHR10:7029367	SSF x Far_LoA	-8,855	-0,037	0,288
CHR10	7029437	CHR10:7029437	SSF x Far_LoA	-8,946	0,160	0,283
CHR10	7038040	CHR10:7038040	SSF x Far_LoA	-5,491	-0,141	0,300
CHR10	7046628	CHR10:7046628	SSF x Far_LoA	-8,147	0,068	0,267
CHR10	7048331	CHR10:7048331	SSF x Far_LoA	-7,779	-0,154	0,281
CHR10	7048343	CHR10:7048343	SSF x Far_LoA	-10,886	0,028	0,308
CHR10	7048408	CHR10:7048408	SSF x Far_LoA	-10,277	0,049	0,284
CHR10	7048441	CHR10:7048441	SSF x Far_LoA	-8,723	-0,120	0,297
CHR10	7048513	CHR10:7048513	SSF x Far_LoA	-6,080	-0,131	0,283
CHR10	7056653	CHR10:7056653	SSF x Far_LoA	-10,557	0,023	0,292
CHR10	7056857	CHR10:7056857	SSF x Far_LoA	-10,112	0,013	0,278
CHR10	7057016	CHR10:7057016	SSF x Far_LoA	-11,603	-0,036	0,278
CHR10	7080956	CHR10:7080956	SSF x Far_LoA	-11,313	0,051	0,278
CHR10	7081241	CHR10:7081241	SSF x Far_LoA	-11,007	0,003	0,287
CHR10	7085704	CHR10:7085704	SSF x Far_LoA	-7,148	0,078	0,295

CHR10	7090962	CHR10:7090962	SSF x Far_LoA	-9,149	-0,110	0,267
CHR10	7091073	CHR10:7091073	SSF x Far_LoA	-7,959	-0,152	0,273
CHR10	7091078	CHR10:7091078	SSF x Far_LoA	-8,325	-0,068	0,299
CHR10	7106648	CHR10:7106648	SSF x Far_LoA	-9,255	0,038	0,275
CHR10	7106886	CHR10:7106886	SSF x Far_LoA	-7,598	-0,053	0,277
CHR10	7107718	CHR10:7107718	SSF x Far_LoA	-7,810	0,089	0,285
CHR10	7109748	CHR10:7109748	SSF x Far_LoA	-8,323	0,015	0,295
CHR10	7109806	CHR10:7109806	SSF x Far_LoA	-7,189	0,012	0,290
CHR10	7109864	CHR10:7109864	SSF x Far_LoA	-11,073	-0,033	0,278
CHR10	7109867	CHR10:7109867	SSF x Far_LoA	-7,859	-0,194	0,282
CHR10	7116814	CHR10:7116814	SSF x Far_LoA	-9,828	0,015	0,298
CHR10	7116821	CHR10:7116821	SSF x Far_LoA	-10,937	-0,020	0,287
CHR10	7116836	CHR10:7116836	SSF x Far_LoA	-8,153	0,018	0,292
CHR10	7116878	CHR10:7116878	SSF x Far_LoA	-8,693	0,123	0,291
CHR10	7116899	CHR10:7116899	SSF x Far_LoA	-9,732	-0,007	0,303
CHR10	7116905	CHR10:7116905	SSF x Far_LoA	-7,688	-0,101	0,288
CHR10	7116993	CHR10:7116993	SSF x Far_LoA	-10,817	0,025	0,294
CHR10	7116998	CHR10:7116998	SSF x Far_LoA	-9,835	0,076	0,304
CHR10	7117051	CHR10:7117051	SSF x Far_LoA	-9,951	-0,028	0,290
CHR10	7117062	CHR10:7117062	SSF x Far_LoA	-11,712	-0,048	0,307
CHR10	7123971	CHR10:7123971	SSF x Far_LoA	-7,526	-0,150	0,286
CHR10	7123980	CHR10:7123980	SSF x Far_LoA	-12,146	-0,025	0,286
CHR10	7124009	CHR10:7124009	SSF x Far_LoA	-8,117	-0,141	0,277
CHR10	7124120	CHR10:7124120	SSF x Far_LoA	-7,927	0,066	0,282
CHR10	7124238	CHR10:7124238	SSF x Far_LoA	-10,207	0,054	0,285
CHR10	7154452	CHR10:7154452	SSF x Far_LoA	-8,961	-0,011	0,292
CHR10	7154456	CHR10:7154456	SSF x Far_LoA	-9,109	-0,101	0,274
CHR10	7154519	CHR10:7154519	SSF x Far_LoA	-5,141	-0,100	0,275
CHR10	7154569	CHR10:7154569	SSF x Far_LoA	-8,340	-0,093	0,310
CHR10	7161744	CHR10:7161744	SSF x Far_LoA	-7,823	0,042	0,275
CHR10	7161753	CHR10:7161753	SSF x Far_LoA	-9,270	0,010	0,295
CHR10	7162631	CHR10:7162631	SSF x Far_LoA	-8,967	0,064	0,293
CHR10	7171669	CHR10:7171669	SSF x Far_LoA	-8,546	-0,102	0,308
CHR10	7171682	CHR10:7171682	SSF x Far_LoA	-7,546	-0,123	0,307
CHR10	7171697	CHR10:7171697	SSF x Far_LoA	-8,892	0,099	0,276
CHR10	7171716	CHR10:7171716	SSF x Far_LoA	-9,170	0,074	0,274
CHR10	7174486	CHR10:7174486	SSF x Far_LoA	-9,011	-0,088	0,292
CHR10	7174489	CHR10:7174489	SSF x Far_LoA	-6,426	-0,109	0,285
CHR10	7174659	CHR10:7174659	SSF x Far_LoA	-11,854	0,063	0,286
CHR10	7181850	CHR10:7181850	SSF x Far_LoA	-7,589	0,036	0,293
CHR10	7181870	CHR10:7181870	SSF x Far_LoA	-9,958	0,116	0,288
CHR10	7182031	CHR10:7182031	SSF x Far_LoA	-7,238	0,162	0,280
CHR10	7182169	CHR10:7182169	SSF x Far_LoA	-10,867	-0,086	0,286
CHR10	7187339	CHR10:7187339	SSF x Far_LoA	-7,143	0,141	0,289
CHR10	7187375	CHR10:7187375	SSF x Far_LoA	1,702	0,115	0,289
CHR10	7201249	CHR10:7201249	SSF x Far_LoA	-10,266	-0,004	0,305
CHR10	7201320	CHR10:7201320	SSF x Far_LoA	-10,025	-0,063	0,287
CHR10	7201347	CHR10:7201347	SSF x Far_LoA	-9,419	0,009	0,293
CHR10	7201364	CHR10:7201364	SSF x Far_LoA	-9,267	0,130	0,294
CHR10	7203011	CHR10:7203011	SSF x Far_LoA	-8,582	-0,037	0,291
CHR10	7203030	CHR10:7203030	SSF x Far_LoA	-10,370	-0,089	0,300
CHR10	7203074	CHR10:7203074	SSF x Far_LoA	-9,185	0,028	0,302
CHR10	7203076	CHR10:7203076	SSF x Far_LoA	-10,576	0,010	0,290

CHR10	7203099	CHR10:7203099	SSF x Far_LoA	-12,453	0,032	0,278
CHR10	7203117	CHR10:7203117	SSF x Far_LoA	-10,101	0,056	0,299
CHR10	7203143	CHR10:7203143	SSF x Far_LoA	-10,581	0,083	0,282
CHR10	7203144	CHR10:7203144	SSF x Far_LoA	-10,115	0,088	0,293
CHR10	7203157	CHR10:7203157	SSF x Far_LoA	-9,582	0,108	0,298
CHR10	7203170	CHR10:7203170	SSF x Far_LoA	-9,896	0,116	0,292
CHR10	7207740	CHR10:7207740	SSF x Far_LoA	-9,524	0,099	0,296
CHR10	7211129	CHR10:7211129	SSF x Far_LoA	-10,265	-0,040	0,287
CHR10	7211191	CHR10:7211191	SSF x Far_LoA	-9,368	-0,059	0,289
CHR10	7211201	CHR10:7211201	SSF x Far_LoA	-6,146	0,147	0,265
CHR10	7211464	CHR10:7211464	SSF x Far_LoA	-4,706	-0,071	0,295
CHR10	721324	CHR10:721324	SSF x Far_LoA	-5,514	0,166	0,275
CHR10	721371	CHR10:721371	SSF x Far_LoA	-7,801	0,138	0,289
CHR10	721417	CHR10:721417	SSF x Far_LoA	-5,121	0,180	0,291
CHR10	7216905	CHR10:7216905	SSF x Far_LoA	-7,969	0,116	0,278
CHR10	7224537	CHR10:7224537	SSF x Far_LoA	-11,004	0,044	0,304
CHR10	7275843	CHR10:7275843	SSF x Far_LoA	-8,895	0,045	0,299
CHR10	7280359	CHR10:7280359	SSF x Far_LoA	-7,283	-0,218	0,270
CHR10	7281853	CHR10:7281853	SSF x Far_LoA	-3,031	-0,054	0,297
CHR10	7282077	CHR10:7282077	SSF x Far_LoA	-11,088	0,032	0,281
CHR10	7282143	CHR10:7282143	SSF x Far_LoA	-9,104	-0,123	0,301
CHR10	7282183	CHR10:7282183	SSF x Far_LoA	-10,769	-0,006	0,297
CHR10	7288572	CHR10:7288572	SSF x Far_LoA	-11,310	0,024	0,288
CHR10	7288798	CHR10:7288798	SSF x Far_LoA	-8,598	0,088	0,292
CHR10	7300051	CHR10:7300051	SSF x Far_LoA	-10,979	-0,073	0,299
CHR10	7300123	CHR10:7300123	SSF x Far_LoA	-12,447	0,015	0,277
CHR10	7300132	CHR10:7300132	SSF x Far_LoA	-10,462	-0,037	0,301
CHR10	7305732	CHR10:7305732	SSF x Far_LoA	-10,915	-0,018	0,304
CHR10	7305772	CHR10:7305772	SSF x Far_LoA	-10,981	-0,009	0,302
CHR10	731782	CHR10:731782	SSF x Far_LoA	-7,835	-0,157	0,280
CHR10	731999	CHR10:731999	SSF x Far_LoA	-10,375	-0,007	0,289
CHR10	7345728	CHR10:7345728	SSF x Far_LoA	-10,157	0,034	0,290
CHR10	7348100	CHR10:7348100	SSF x Far_LoA	-9,207	-0,022	0,291
CHR10	7369582	CHR10:7369582	SSF x Far_LoA	-5,010	-0,158	0,287
CHR10	7369780	CHR10:7369780	SSF x Far_LoA	-8,451	-0,031	0,312
CHR10	737118	CHR10:737118	SSF x Far_LoA	-8,373	0,045	0,300
CHR10	737128	CHR10:737128	SSF x Far_LoA	-10,265	-0,050	0,296
CHR10	737267	CHR10:737267	SSF x Far_LoA	-6,205	-0,185	0,281
CHR10	7373528	CHR10:7373528	SSF x Far_LoA	-10,197	0,022	0,290
CHR10	7373536	CHR10:7373536	SSF x Far_LoA	-7,543	0,032	0,296
CHR10	7373558	CHR10:7373558	SSF x Far_LoA	-6,779	-0,027	0,287
CHR10	7373636	CHR10:7373636	SSF x Far_LoA	-11,557	0,033	0,301
CHR10	7373644	CHR10:7373644	SSF x Far_LoA	-11,132	0,027	0,277
CHR10	7376569	CHR10:7376569	SSF x Far_LoA	-9,744	-0,056	0,277
CHR10	7379260	CHR10:7379260	SSF x Far_LoA	-7,827	-0,057	0,299
CHR10	7379509	CHR10:7379509	SSF x Far_LoA	-10,095	-0,025	0,292
CHR10	7391198	CHR10:7391198	SSF x Far_LoA	-3,891	-0,181	0,304
CHR10	7391310	CHR10:7391310	SSF x Far_LoA	-6,480	-0,038	0,302
CHR10	7391539	CHR10:7391539	SSF x Far_LoA	-10,170	-0,099	0,288
CHR10	7397325	CHR10:7397325	SSF x Far_LoA	-8,970	0,072	0,296
CHR10	7397461	CHR10:7397461	SSF x Far_LoA	-8,644	0,009	0,282
CHR10	7397581	CHR10:7397581	SSF x Far_LoA	-10,534	-0,095	0,280
CHR10	7397588	CHR10:7397588	SSF x Far_LoA	-9,872	-0,097	0,299

CHR10	7397597	CHR10:7397597	SSF x Far_LoA	-7,468	-0,011	0,301
CHR10	7397662	CHR10:7397662	SSF x Far_LoA	-10,283	0,069	0,282
CHR10	7397671	CHR10:7397671	SSF x Far_LoA	-8,183	0,016	0,290
CHR10	7397705	CHR10:7397705	SSF x Far_LoA	-7,335	0,020	0,297
CHR10	7415009	CHR10:7415009	SSF x Far_LoA	-10,859	0,051	0,297
CHR10	7415040	CHR10:7415040	SSF x Far_LoA	-9,240	0,016	0,280
CHR10	7415195	CHR10:7415195	SSF x Far_LoA	-9,321	-0,071	0,275
CHR10	7415265	CHR10:7415265	SSF x Far_LoA	-9,576	0,074	0,286
CHR10	7420169	CHR10:7420169	SSF x Far_LoA	-9,600	0,037	0,296
CHR10	7420218	CHR10:7420218	SSF x Far_LoA	-11,884	-0,015	0,283
CHR10	7420230	CHR10:7420230	SSF x Far_LoA	-11,325	-0,025	0,299
CHR10	7420231	CHR10:7420231	SSF x Far_LoA	-9,938	-0,039	0,293
CHR10	7420319	CHR10:7420319	SSF x Far_LoA	-9,768	-0,087	0,294
CHR10	7434796	CHR10:7434796	SSF x Far_LoA	-10,311	0,034	0,282
CHR10	7434974	CHR10:7434974	SSF x Far_LoA	-11,327	-0,018	0,306
CHR10	7435075	CHR10:7435075	SSF x Far_LoA	-8,935	-0,041	0,308
CHR10	7461702	CHR10:7461702	SSF x Far_LoA	-8,282	-0,067	0,315
CHR10	7461897	CHR10:7461897	SSF x Far_LoA	-8,842	0,005	0,288
CHR10	7480671	CHR10:7480671	SSF x Far_LoA	-6,305	-0,144	0,292
CHR10	7480707	CHR10:7480707	SSF x Far_LoA	-8,073	0,084	0,296
CHR10	7480717	CHR10:7480717	SSF x Far_LoA	-11,312	-0,017	0,276
CHR10	7480725	CHR10:7480725	SSF x Far_LoA	-8,847	0,023	0,278
CHR10	7480735	CHR10:7480735	SSF x Far_LoA	-9,034	0,033	0,276
CHR10	7480744	CHR10:7480744	SSF x Far_LoA	-9,202	0,026	0,271
CHR10	7480751	CHR10:7480751	SSF x Far_LoA	-9,274	-0,087	0,287
CHR10	7480807	CHR10:7480807	SSF x Far_LoA	-11,212	0,124	0,279
CHR10	7480813	CHR10:7480813	SSF x Far_LoA	-6,409	0,144	0,281
CHR10	7480873	CHR10:7480873	SSF x Far_LoA	-5,988	-0,155	0,287
CHR10	7480884	CHR10:7480884	SSF x Far_LoA	-7,992	-0,109	0,295
CHR10	7480995	CHR10:7480995	SSF x Far_LoA	-9,233	0,038	0,290
CHR10	7488484	CHR10:7488484	SSF x Far_LoA	-7,707	-0,004	0,302
CHR10	7488823	CHR10:7488823	SSF x Far_LoA	-11,142	0,020	0,291
CHR10	7488824	CHR10:7488824	SSF x Far_LoA	-10,809	-0,060	0,291
CHR10	7488905	CHR10:7488905	SSF x Far_LoA	-2,730	0,093	0,292
CHR10	752634	CHR10:752634	SSF x Far_LoA	-6,081	0,126	0,293
CHR10	752655	CHR10:752655	SSF x Far_LoA	-10,137	0,088	0,282
CHR10	752669	CHR10:752669	SSF x Far_LoA	-9,772	0,060	0,285
CHR10	752738	CHR10:752738	SSF x Far_LoA	-10,486	-0,052	0,293
CHR10	752782	CHR10:752782	SSF x Far_LoA	-10,775	0,044	0,296
CHR10	7536173	CHR10:7536173	SSF x Far_LoA	-6,690	-0,027	0,294
CHR10	7553815	CHR10:7553815	SSF x Far_LoA	-7,829	0,137	0,290
CHR10	7553863	CHR10:7553863	SSF x Far_LoA	-9,076	-0,166	0,278
CHR10	7554988	CHR10:7554988	SSF x Far_LoA	-9,591	0,000	0,292
CHR10	7555046	CHR10:7555046	SSF x Far_LoA	-8,617	-0,007	0,287
CHR10	7557195	CHR10:7557195	SSF x Far_LoA	-11,344	-0,035	0,288
CHR10	7557202	CHR10:7557202	SSF x Far_LoA	-7,650	-0,095	0,288
CHR10	7557259	CHR10:7557259	SSF x Far_LoA	-10,200	0,117	0,292
CHR10	7557267	CHR10:7557267	SSF x Far_LoA	-11,345	-0,041	0,309
CHR10	7557272	CHR10:7557272	SSF x Far_LoA	-7,732	-0,061	0,288
CHR10	7557273	CHR10:7557273	SSF x Far_LoA	-10,369	-0,104	0,293
CHR10	7557300	CHR10:7557300	SSF x Far_LoA	-2,839	-0,063	0,287
CHR10	7570587	CHR10:7570587	SSF x Far_LoA	-7,279	0,054	0,298
CHR10	7570599	CHR10:7570599	SSF x Far_LoA	-10,590	-0,076	0,288

CHR10	7570754	CHR10:7570754	SSF x Far_LoA	-10,711	0,016	0,286
CHR10	7570779	CHR10:7570779	SSF x Far_LoA	-10,548	0,040	0,279
CHR10	7591488	CHR10:7591488	SSF x Far_LoA	-11,282	-0,006	0,293
CHR10	7591766	CHR10:7591766	SSF x Far_LoA	-6,513	-0,135	0,285
CHR10	7620967	CHR10:7620967	SSF x Far_LoA	-11,108	-0,050	0,284
CHR10	7621161	CHR10:7621161	SSF x Far_LoA	-10,139	-0,070	0,293
CHR10	7631738	CHR10:7631738	SSF x Far_LoA	-11,299	-0,051	0,281
CHR10	7631780	CHR10:7631780	SSF x Far_LoA	-10,105	-0,040	0,289
CHR10	7631912	CHR10:7631912	SSF x Far_LoA	-8,723	-0,028	0,295
CHR10	7650746	CHR10:7650746	SSF x Far_LoA	-8,711	0,023	0,304
CHR10	7650863	CHR10:7650863	SSF x Far_LoA	-9,055	-0,036	0,265
CHR10	7653014	CHR10:7653014	SSF x Far_LoA	-8,493	0,079	0,291
CHR10	7653030	CHR10:7653030	SSF x Far_LoA	-9,419	0,061	0,278
CHR10	7653048	CHR10:7653048	SSF x Far_LoA	-10,350	-0,006	0,298
CHR10	7653209	CHR10:7653209	SSF x Far_LoA	-12,524	0,040	0,283
CHR10	7653226	CHR10:7653226	SSF x Far_LoA	-9,400	-0,070	0,285
CHR10	7653324	CHR10:7653324	SSF x Far_LoA	-8,904	-0,067	0,301
CHR10	7653328	CHR10:7653328	SSF x Far_LoA	-9,739	-0,003	0,292
CHR10	7653333	CHR10:7653333	SSF x Far_LoA	-9,449	0,020	0,295
CHR10	7657653	CHR10:7657653	SSF x Far_LoA	-11,926	0,025	0,285
CHR10	7657749	CHR10:7657749	SSF x Far_LoA	-11,303	0,025	0,283
CHR10	7657751	CHR10:7657751	SSF x Far_LoA	-9,552	-0,109	0,285
CHR10	7657826	CHR10:7657826	SSF x Far_LoA	-10,096	-0,024	0,282
CHR10	7669426	CHR10:7669426	SSF x Far_LoA	-7,585	0,007	0,302
CHR10	7669776	CHR10:7669776	SSF x Far_LoA	-9,239	0,120	0,295
CHR10	7671539	CHR10:7671539	SSF x Far_LoA	-1,158	0,031	0,297
CHR10	7675186	CHR10:7675186	SSF x Far_LoA	-11,798	0,006	0,289
CHR10	767545	CHR10:767545	SSF x Far_LoA	-8,391	0,067	0,288
CHR10	7676952	CHR10:7676952	SSF x Far_LoA	-3,078	-0,059	0,281
CHR10	7686591	CHR10:7686591	SSF x Far_LoA	-9,031	-0,029	0,302
CHR10	769063	CHR10:769063	SSF x Far_LoA	-6,840	-0,127	0,300
CHR10	7701392	CHR10:7701392	SSF x Far_LoA	-10,717	-0,056	0,290
CHR10	7702321	CHR10:7702321	SSF x Far_LoA	-10,612	0,061	0,284
CHR10	7703087	CHR10:7703087	SSF x Far_LoA	-8,936	-0,028	0,285
CHR10	7703152	CHR10:7703152	SSF x Far_LoA	-10,207	0,047	0,283
CHR10	7703161	CHR10:7703161	SSF x Far_LoA	-8,720	0,004	0,293
CHR10	7703286	CHR10:7703286	SSF x Far_LoA	-7,079	-0,114	0,298
CHR10	7703990	CHR10:7703990	SSF x Far_LoA	-10,877	-0,059	0,288
CHR10	7708282	CHR10:7708282	SSF x Far_LoA	-8,779	0,017	0,312
CHR10	7713094	CHR10:7713094	SSF x Far_LoA	-1,963	-0,220	0,281
CHR10	7713222	CHR10:7713222	SSF x Far_LoA	-8,843	0,108	0,284
CHR10	7773810	CHR10:7773810	SSF x Far_LoA	-6,401	-0,107	0,295
CHR10	7773848	CHR10:7773848	SSF x Far_LoA	-7,832	-0,040	0,295
CHR10	7773859	CHR10:7773859	SSF x Far_LoA	-9,961	-0,054	0,274
CHR10	7773943	CHR10:7773943	SSF x Far_LoA	-8,705	0,106	0,279
CHR10	779849	CHR10:779849	SSF x Far_LoA	-8,370	-0,109	0,288
CHR10	779850	CHR10:779850	SSF x Far_LoA	-10,603	0,005	0,286
CHR10	7807842	CHR10:7807842	SSF x Far_LoA	-11,412	0,038	0,290
CHR10	7808096	CHR10:7808096	SSF x Far_LoA	-7,575	0,135	0,285
CHR10	7808098	CHR10:7808098	SSF x Far_LoA	-8,336	0,003	0,278
CHR10	7820208	CHR10:7820208	SSF x Far_LoA	-10,264	-0,029	0,293
CHR10	7820314	CHR10:7820314	SSF x Far_LoA	-10,954	0,050	0,302
CHR10	7825479	CHR10:7825479	SSF x Far_LoA	-9,329	0,019	0,300

CHR10	7826426	CHR10:7826426	SSF x Far_LoA	-9,568	-0,084	0,294
CHR10	7826439	CHR10:7826439	SSF x Far_LoA	-10,152	0,010	0,300
CHR10	7842638	CHR10:7842638	SSF x Far_LoA	-8,657	0,139	0,283
CHR10	7842674	CHR10:7842674	SSF x Far_LoA	-11,009	0,029	0,303
CHR10	7842692	CHR10:7842692	SSF x Far_LoA	-8,626	-0,137	0,298
CHR10	7859885	CHR10:7859885	SSF x Far_LoA	-11,437	0,025	0,288
CHR10	7860600	CHR10:7860600	SSF x Far_LoA	-11,375	0,032	0,301
CHR10	7860719	CHR10:7860719	SSF x Far_LoA	-12,206	-0,031	0,299
CHR10	7861780	CHR10:7861780	SSF x Far_LoA	-6,478	0,073	0,292
CHR10	7861863	CHR10:7861863	SSF x Far_LoA	-9,556	0,028	0,297
CHR10	7861880	CHR10:7861880	SSF x Far_LoA	-8,968	0,054	0,300
CHR10	7870356	CHR10:7870356	SSF x Far_LoA	-11,606	-0,027	0,290
CHR10	7870411	CHR10:7870411	SSF x Far_LoA	-7,756	-0,118	0,288
CHR10	7870445	CHR10:7870445	SSF x Far_LoA	-8,568	0,019	0,301
CHR10	7870658	CHR10:7870658	SSF x Far_LoA	-9,643	-0,026	0,288
CHR10	7879391	CHR10:7879391	SSF x Far_LoA	-10,257	0,002	0,292
CHR10	7879428	CHR10:7879428	SSF x Far_LoA	2,349	0,136	0,281
CHR10	7880089	CHR10:7880089	SSF x Far_LoA	-11,792	0,013	0,298
CHR10	7880096	CHR10:7880096	SSF x Far_LoA	-8,809	0,110	0,306
CHR10	788806	CHR10:788806	SSF x Far_LoA	-7,650	-0,096	0,280
CHR10	7892219	CHR10:7892219	SSF x Far_LoA	-8,470	-0,101	0,283
CHR10	7906074	CHR10:7906074	SSF x Far_LoA	-1,324	0,137	0,292
CHR10	7906137	CHR10:7906137	SSF x Far_LoA	-9,867	0,023	0,291
CHR10	7906202	CHR10:7906202	SSF x Far_LoA	-10,330	0,012	0,287
CHR10	7923290	CHR10:7923290	SSF x Far_LoA	-8,987	-0,026	0,284
CHR10	7923323	CHR10:7923323	SSF x Far_LoA	-10,307	-0,034	0,279
CHR10	7923362	CHR10:7923362	SSF x Far_LoA	-10,209	0,051	0,297
CHR10	7926713	CHR10:7926713	SSF x Far_LoA	-8,308	-0,022	0,303
CHR10	7926758	CHR10:7926758	SSF x Far_LoA	-8,628	-0,070	0,301
CHR10	7926772	CHR10:7926772	SSF x Far_LoA	-9,772	-0,014	0,274
CHR10	7929395	CHR10:7929395	SSF x Far_LoA	-9,068	-0,114	0,299
CHR10	7930926	CHR10:7930926	SSF x Far_LoA	-8,159	-0,015	0,285
CHR10	7930964	CHR10:7930964	SSF x Far_LoA	-8,562	-0,011	0,279
CHR10	7938193	CHR10:7938193	SSF x Far_LoA	-9,264	-0,039	0,287
CHR10	7938237	CHR10:7938237	SSF x Far_LoA	-9,946	-0,019	0,265
CHR10	7942175	CHR10:7942175	SSF x Far_LoA	-6,807	0,158	0,292
CHR10	7942239	CHR10:7942239	SSF x Far_LoA	-11,216	-0,082	0,297
CHR10	7949449	CHR10:7949449	SSF x Far_LoA	-10,038	0,008	0,308
CHR10	7949454	CHR10:7949454	SSF x Far_LoA	-9,569	-0,021	0,307
CHR10	7949457	CHR10:7949457	SSF x Far_LoA	-5,314	-0,161	0,286
CHR10	7949467	CHR10:7949467	SSF x Far_LoA	-9,575	-0,009	0,303
CHR10	7949571	CHR10:7949571	SSF x Far_LoA	-8,255	-0,040	0,298
CHR10	7949707	CHR10:7949707	SSF x Far_LoA	-9,212	0,051	0,290
CHR10	7949711	CHR10:7949711	SSF x Far_LoA	-6,001	-0,015	0,299
CHR10	7949746	CHR10:7949746	SSF x Far_LoA	-10,168	0,086	0,276
CHR10	7951769	CHR10:7951769	SSF x Far_LoA	-9,640	-0,063	0,283
CHR10	7951789	CHR10:7951789	SSF x Far_LoA	-8,992	-0,057	0,294
CHR10	7951807	CHR10:7951807	SSF x Far_LoA	-6,864	-0,053	0,291
CHR10	7951892	CHR10:7951892	SSF x Far_LoA	-8,993	0,101	0,283
CHR10	7951977	CHR10:7951977	SSF x Far_LoA	-9,440	-0,012	0,276
CHR10	7951981	CHR10:7951981	SSF x Far_LoA	-9,922	0,006	0,278
CHR10	7952001	CHR10:7952001	SSF x Far_LoA	-8,292	0,074	0,294
CHR10	7954349	CHR10:7954349	SSF x Far_LoA	-10,267	-0,045	0,306

CHR10	7957097	CHR10:7957097	SSF x Far_LoA	-8,067	0,063	0,299
CHR10	7957216	CHR10:7957216	SSF x Far_LoA	-9,201	0,007	0,290
CHR10	7957380	CHR10:7957380	SSF x Far_LoA	-10,085	0,004	0,290
CHR10	7957395	CHR10:7957395	SSF x Far_LoA	-2,454	-0,027	0,305
CHR10	7969985	CHR10:7969985	SSF x Far_LoA	-8,509	0,078	0,277
CHR10	7970017	CHR10:7970017	SSF x Far_LoA	-7,254	-0,151	0,295
CHR10	7970050	CHR10:7970050	SSF x Far_LoA	-10,328	-0,036	0,300
CHR10	7970102	CHR10:7970102	SSF x Far_LoA	-10,768	-0,017	0,312
CHR10	7970131	CHR10:7970131	SSF x Far_LoA	-9,072	-0,005	0,278
CHR10	7970187	CHR10:7970187	SSF x Far_LoA	-10,004	0,037	0,296
CHR10	7981419	CHR10:7981419	SSF x Far_LoA	-9,295	-0,083	0,294
CHR10	7981674	CHR10:7981674	SSF x Far_LoA	-8,397	0,076	0,292
CHR10	7981686	CHR10:7981686	SSF x Far_LoA	-10,268	0,061	0,304
CHR10	7981727	CHR10:7981727	SSF x Far_LoA	-10,143	0,019	0,290
CHR10	7998100	CHR10:7998100	SSF x Far_LoA	-8,421	-0,048	0,301
CHR10	7998115	CHR10:7998115	SSF x Far_LoA	-8,016	-0,158	0,281
CHR10	7998183	CHR10:7998183	SSF x Far_LoA	-10,475	-0,113	0,301
CHR10	7998205	CHR10:7998205	SSF x Far_LoA	-8,170	-0,143	0,290
CHR10	8000351	CHR10:8000351	SSF x Far_LoA	-9,344	0,056	0,290
CHR10	8000426	CHR10:8000426	SSF x Far_LoA	-10,914	-0,023	0,292
CHR10	8000515	CHR10:8000515	SSF x Far_LoA	-5,187	0,170	0,278
CHR10	8050066	CHR10:8050066	SSF x Far_LoA	-9,574	0,017	0,285
CHR10	8075134	CHR10:8075134	SSF x Far_LoA	-9,563	-0,048	0,302
CHR10	8075179	CHR10:8075179	SSF x Far_LoA	-10,494	0,073	0,305
CHR10	8075292	CHR10:8075292	SSF x Far_LoA	-7,223	-0,137	0,291
CHR10	8075308	CHR10:8075308	SSF x Far_LoA	-9,013	-0,100	0,296
CHR10	8075340	CHR10:8075340	SSF x Far_LoA	-10,129	-0,030	0,291
CHR10	8075345	CHR10:8075345	SSF x Far_LoA	-3,276	-0,110	0,293
CHR10	8075350	CHR10:8075350	SSF x Far_LoA	-8,191	0,092	0,270
CHR10	8075356	CHR10:8075356	SSF x Far_LoA	-9,516	0,120	0,284
CHR10	8084797	CHR10:8084797	SSF x Far_LoA	-5,910	0,176	0,284
CHR10	8088323	CHR10:8088323	SSF x Far_LoA	-10,650	-0,047	0,285
CHR10	8088324	CHR10:8088324	SSF x Far_LoA	-10,409	0,070	0,287
CHR10	8088330	CHR10:8088330	SSF x Far_LoA	-2,697	0,163	0,285
CHR10	8088387	CHR10:8088387	SSF x Far_LoA	-7,614	0,049	0,294
CHR10	8088426	CHR10:8088426	SSF x Far_LoA	-8,200	-0,028	0,306
CHR10	8088435	CHR10:8088435	SSF x Far_LoA	-10,348	0,072	0,282
CHR10	8088439	CHR10:8088439	SSF x Far_LoA	-10,574	0,040	0,297
CHR10	809383	CHR10:809383	SSF x Far_LoA	-9,605	-0,087	0,296
CHR10	809528	CHR10:809528	SSF x Far_LoA	-3,232	-0,119	0,302
CHR10	8097795	CHR10:8097795	SSF x Far_LoA	-9,029	-0,041	0,298
CHR10	8099340	CHR10:8099340	SSF x Far_LoA	-12,186	-0,026	0,280
CHR10	8099462	CHR10:8099462	SSF x Far_LoA	-11,618	0,007	0,287
CHR10	8102779	CHR10:8102779	SSF x Far_LoA	-8,032	0,037	0,306
CHR10	8127360	CHR10:8127360	SSF x Far_LoA	-8,141	-0,039	0,294
CHR10	8127484	CHR10:8127484	SSF x Far_LoA	-11,860	0,070	0,277
CHR10	8127588	CHR10:8127588	SSF x Far_LoA	-7,586	-0,099	0,305
CHR10	8139719	CHR10:8139719	SSF x Far_LoA	-6,685	0,113	0,286
CHR10	8139820	CHR10:8139820	SSF x Far_LoA	-9,428	-0,009	0,299
CHR10	8140025	CHR10:8140025	SSF x Far_LoA	-8,750	-0,022	0,294
CHR10	8142958	CHR10:8142958	SSF x Far_LoA	-9,164	-0,067	0,292
CHR10	8142968	CHR10:8142968	SSF x Far_LoA	-8,223	-0,035	0,303
CHR10	8142976	CHR10:8142976	SSF x Far_LoA	-5,847	-0,081	0,288

CHR10	8144906	CHR10:8144906	SSF x Far_LoA	-6,148	0,153	0,280
CHR10	8144911	CHR10:8144911	SSF x Far_LoA	-11,678	-0,019	0,296
CHR10	8145065	CHR10:8145065	SSF x Far_LoA	-9,974	-0,049	0,294
CHR10	8150572	CHR10:8150572	SSF x Far_LoA	-11,848	0,021	0,290
CHR10	8150612	CHR10:8150612	SSF x Far_LoA	2,997	0,059	0,289
CHR10	8150886	CHR10:8150886	SSF x Far_LoA	-11,205	0,099	0,286
CHR10	8150895	CHR10:8150895	SSF x Far_LoA	-10,916	-0,018	0,293
CHR10	8173156	CHR10:8173156	SSF x Far_LoA	-7,868	0,060	0,301
CHR10	8173181	CHR10:8173181	SSF x Far_LoA	-8,075	0,014	0,307
CHR10	8173190	CHR10:8173190	SSF x Far_LoA	-10,684	0,055	0,301
CHR10	8173225	CHR10:8173225	SSF x Far_LoA	-8,575	0,122	0,286
CHR10	8173301	CHR10:8173301	SSF x Far_LoA	-8,886	0,088	0,292
CHR10	8173302	CHR10:8173302	SSF x Far_LoA	-11,512	0,115	0,276
CHR10	8178530	CHR10:8178530	SSF x Far_LoA	-8,485	-0,073	0,292
CHR10	8197104	CHR10:8197104	SSF x Far_LoA	-11,423	-0,100	0,287
CHR10	8197115	CHR10:8197115	SSF x Far_LoA	-4,237	0,163	0,273
CHR10	8197130	CHR10:8197130	SSF x Far_LoA	-4,526	0,157	0,294
CHR10	8202957	CHR10:8202957	SSF x Far_LoA	-9,572	0,012	0,295
CHR10	8202968	CHR10:8202968	SSF x Far_LoA	-6,122	0,128	0,279
CHR10	8213504	CHR10:8213504	SSF x Far_LoA	-11,878	-0,019	0,285
CHR10	8213560	CHR10:8213560	SSF x Far_LoA	-9,623	0,096	0,303
CHR10	8213680	CHR10:8213680	SSF x Far_LoA	-7,067	0,028	0,295
CHR10	8213702	CHR10:8213702	SSF x Far_LoA	-6,064	-0,032	0,287
CHR10	8221384	CHR10:8221384	SSF x Far_LoA	-8,890	-0,105	0,293
CHR10	8222981	CHR10:8222981	SSF x Far_LoA	-2,671	0,197	0,292
CHR10	8233874	CHR10:8233874	SSF x Far_LoA	-10,279	-0,044	0,302
CHR10	8233881	CHR10:8233881	SSF x Far_LoA	-8,147	-0,072	0,297
CHR10	8233885	CHR10:8233885	SSF x Far_LoA	-8,032	0,036	0,314
CHR10	8233891	CHR10:8233891	SSF x Far_LoA	-8,996	0,020	0,304
CHR10	8234266	CHR10:8234266	SSF x Far_LoA	-8,817	-0,032	0,302
CHR10	8246385	CHR10:8246385	SSF x Far_LoA	-12,121	0,035	0,283
CHR10	8246394	CHR10:8246394	SSF x Far_LoA	-8,512	-0,026	0,308
CHR10	8246416	CHR10:8246416	SSF x Far_LoA	-9,159	-0,018	0,295
CHR10	8246615	CHR10:8246615	SSF x Far_LoA	-9,244	0,034	0,285
CHR10	8246689	CHR10:8246689	SSF x Far_LoA	-9,294	0,070	0,306
CHR10	826268	CHR10:826268	SSF x Far_LoA	-7,648	-0,134	0,296
CHR10	826296	CHR10:826296	SSF x Far_LoA	-2,620	-0,185	0,276
CHR10	826354	CHR10:826354	SSF x Far_LoA	-8,964	0,058	0,279
CHR10	826432	CHR10:826432	SSF x Far_LoA	-6,478	-0,176	0,281
CHR10	826480	CHR10:826480	SSF x Far_LoA	-6,633	-0,097	0,292
CHR10	8266073	CHR10:8266073	SSF x Far_LoA	-10,574	0,019	0,301
CHR10	8266106	CHR10:8266106	SSF x Far_LoA	-11,118	0,017	0,298
CHR10	8266149	CHR10:8266149	SSF x Far_LoA	-9,547	0,039	0,282
CHR10	8285934	CHR10:8285934	SSF x Far_LoA	-11,971	-0,077	0,294
CHR10	8289789	CHR10:8289789	SSF x Far_LoA	-8,919	-0,003	0,272
CHR10	8289960	CHR10:8289960	SSF x Far_LoA	-11,380	0,051	0,296
CHR10	8291034	CHR10:8291034	SSF x Far_LoA	-7,806	-0,035	0,292
CHR10	8291076	CHR10:8291076	SSF x Far_LoA	-11,681	0,024	0,294
CHR10	8291150	CHR10:8291150	SSF x Far_LoA	-9,141	0,099	0,274
CHR10	8310194	CHR10:8310194	SSF x Far_LoA	-9,188	0,035	0,287
CHR10	8310209	CHR10:8310209	SSF x Far_LoA	-10,085	0,006	0,300
CHR10	8310325	CHR10:8310325	SSF x Far_LoA	-9,464	-0,021	0,291
CHR10	8319199	CHR10:8319199	SSF x Far_LoA	5,258	-0,260	0,276

CHR10	8319214	CHR10:8319214	SSF x Far_LoA	-9,173	0,017	0,291
CHR10	8319270	CHR10:8319270	SSF x Far_LoA	-6,984	-0,214	0,278
CHR10	8319293	CHR10:8319293	SSF x Far_LoA	-5,323	-0,118	0,292
CHR10	8319297	CHR10:8319297	SSF x Far_LoA	-9,087	0,009	0,310
CHR10	8319298	CHR10:8319298	SSF x Far_LoA	-7,360	0,046	0,296
CHR10	8319333	CHR10:8319333	SSF x Far_LoA	-8,682	-0,111	0,285
CHR10	8352593	CHR10:8352593	SSF x Far_LoA	-10,738	0,087	0,286
CHR10	8353805	CHR10:8353805	SSF x Far_LoA	-5,968	0,243	0,276
CHR10	8353831	CHR10:8353831	SSF x Far_LoA	-7,427	0,069	0,290
CHR10	8353914	CHR10:8353914	SSF x Far_LoA	-9,839	0,117	0,275
CHR10	8356574	CHR10:8356574	SSF x Far_LoA	-4,971	0,146	0,300
CHR10	8356651	CHR10:8356651	SSF x Far_LoA	-10,073	-0,093	0,298
CHR10	8369743	CHR10:8369743	SSF x Far_LoA	-8,136	-0,124	0,288
CHR10	8369801	CHR10:8369801	SSF x Far_LoA	-8,762	-0,043	0,295
CHR10	8369809	CHR10:8369809	SSF x Far_LoA	-4,796	0,088	0,299
CHR10	8369816	CHR10:8369816	SSF x Far_LoA	-7,176	-0,083	0,297
CHR10	8369817	CHR10:8369817	SSF x Far_LoA	-8,933	-0,041	0,298
CHR10	8369831	CHR10:8369831	SSF x Far_LoA	-8,034	-0,080	0,300
CHR10	8369844	CHR10:8369844	SSF x Far_LoA	-8,036	-0,042	0,303
CHR10	8369892	CHR10:8369892	SSF x Far_LoA	-9,438	0,033	0,291
CHR10	8378218	CHR10:8378218	SSF x Far_LoA	-10,954	-0,082	0,284
CHR10	8380296	CHR10:8380296	SSF x Far_LoA	-10,229	0,080	0,277
CHR10	8380374	CHR10:8380374	SSF x Far_LoA	-10,219	0,036	0,284
CHR10	8386616	CHR10:8386616	SSF x Far_LoA	-10,059	0,030	0,297
CHR10	8386871	CHR10:8386871	SSF x Far_LoA	-8,941	-0,004	0,283
CHR10	8386974	CHR10:8386974	SSF x Far_LoA	-10,290	0,044	0,291
CHR10	8387001	CHR10:8387001	SSF x Far_LoA	-10,052	0,068	0,285
CHR10	8398482	CHR10:8398482	SSF x Far_LoA	-8,275	-0,031	0,291
CHR10	8398773	CHR10:8398773	SSF x Far_LoA	-11,943	-0,002	0,291
CHR10	840707	CHR10:840707	SSF x Far_LoA	-8,727	-0,139	0,297
CHR10	8413630	CHR10:8413630	SSF x Far_LoA	-6,629	-0,157	0,285
CHR10	8413663	CHR10:8413663	SSF x Far_LoA	-10,312	-0,099	0,295
CHR10	8413991	CHR10:8413991	SSF x Far_LoA	-8,865	-0,011	0,274
CHR10	8419734	CHR10:8419734	SSF x Far_LoA	-7,258	0,075	0,289
CHR10	8419749	CHR10:8419749	SSF x Far_LoA	-9,745	-0,105	0,299
CHR10	8419770	CHR10:8419770	SSF x Far_LoA	3,515	0,115	0,285
CHR10	8419775	CHR10:8419775	SSF x Far_LoA	-8,425	0,093	0,277
CHR10	8419903	CHR10:8419903	SSF x Far_LoA	-11,713	0,032	0,293
CHR10	8421608	CHR10:8421608	SSF x Far_LoA	-10,454	-0,034	0,291
CHR10	8424255	CHR10:8424255	SSF x Far_LoA	-9,084	0,064	0,287
CHR10	8441366	CHR10:8441366	SSF x Far_LoA	-4,290	0,117	0,284
CHR10	8441431	CHR10:8441431	SSF x Far_LoA	-5,592	-0,095	0,284
CHR10	8441453	CHR10:8441453	SSF x Far_LoA	-10,538	-0,010	0,282
CHR10	8441457	CHR10:8441457	SSF x Far_LoA	-7,694	-0,121	0,265
CHR10	8441460	CHR10:8441460	SSF x Far_LoA	-7,125	-0,096	0,281
CHR10	8441474	CHR10:8441474	SSF x Far_LoA	-8,084	0,108	0,298
CHR10	8441496	CHR10:8441496	SSF x Far_LoA	-3,254	-0,127	0,298
CHR10	8441518	CHR10:8441518	SSF x Far_LoA	-7,481	-0,176	0,279
CHR10	8441572	CHR10:8441572	SSF x Far_LoA	-7,982	-0,105	0,283
CHR10	8477770	CHR10:8477770	SSF x Far_LoA	-7,244	-0,108	0,296
CHR10	8477847	CHR10:8477847	SSF x Far_LoA	-10,481	0,042	0,287
CHR10	8477863	CHR10:8477863	SSF x Far_LoA	-8,111	-0,146	0,284
CHR10	8477901	CHR10:8477901	SSF x Far_LoA	-10,375	-0,025	0,280

CHR10	8482383	CHR10:8482383	SSF x Far_LoA	-8,878	-0,029	0,281
CHR10	8483114	CHR10:8483114	SSF x Far_LoA	-10,567	0,109	0,287
CHR10	8483121	CHR10:8483121	SSF x Far_LoA	-8,591	-0,030	0,288
CHR10	8504603	CHR10:8504603	SSF x Far_LoA	-10,549	0,006	0,287
CHR10	8504636	CHR10:8504636	SSF x Far_LoA	-11,210	0,012	0,285
CHR10	8504641	CHR10:8504641	SSF x Far_LoA	-10,640	-0,044	0,276
CHR10	8504644	CHR10:8504644	SSF x Far_LoA	-8,990	-0,049	0,285
CHR10	8508589	CHR10:8508589	SSF x Far_LoA	-8,797	0,099	0,269
CHR10	8508630	CHR10:8508630	SSF x Far_LoA	-8,788	-0,029	0,283
CHR10	8508646	CHR10:8508646	SSF x Far_LoA	-8,460	-0,020	0,279
CHR10	8508690	CHR10:8508690	SSF x Far_LoA	-5,935	-0,191	0,276
CHR10	8508701	CHR10:8508701	SSF x Far_LoA	-4,850	-0,166	0,276
CHR10	8508706	CHR10:8508706	SSF x Far_LoA	-7,082	0,136	0,285
CHR10	8508799	CHR10:8508799	SSF x Far_LoA	-10,727	-0,047	0,281
CHR10	8508847	CHR10:8508847	SSF x Far_LoA	-10,446	0,050	0,292
CHR10	8518079	CHR10:8518079	SSF x Far_LoA	-10,637	0,014	0,281
CHR10	8518132	CHR10:8518132	SSF x Far_LoA	-9,343	0,068	0,287
CHR10	8518162	CHR10:8518162	SSF x Far_LoA	-3,290	-0,198	0,279
CHR10	8519883	CHR10:8519883	SSF x Far_LoA	-10,844	0,052	0,302
CHR10	8519915	CHR10:8519915	SSF x Far_LoA	-8,402	-0,064	0,293
CHR10	8519917	CHR10:8519917	SSF x Far_LoA	-9,940	0,089	0,279
CHR10	8519949	CHR10:8519949	SSF x Far_LoA	-8,173	0,113	0,284
CHR10	8519988	CHR10:8519988	SSF x Far_LoA	-7,565	0,124	0,286
CHR10	8520030	CHR10:8520030	SSF x Far_LoA	-10,238	0,004	0,297
CHR10	8520031	CHR10:8520031	SSF x Far_LoA	-10,378	-0,108	0,283
CHR10	8520059	CHR10:8520059	SSF x Far_LoA	-11,665	-0,073	0,283
CHR10	8520077	CHR10:8520077	SSF x Far_LoA	-7,553	-0,034	0,293
CHR10	8521814	CHR10:8521814	SSF x Far_LoA	-10,587	-0,027	0,275
CHR10	8521959	CHR10:8521959	SSF x Far_LoA	-8,510	0,079	0,290
CHR10	8521972	CHR10:8521972	SSF x Far_LoA	-7,461	0,036	0,283
CHR10	8522040	CHR10:8522040	SSF x Far_LoA	-11,823	-0,036	0,292
CHR10	8546823	CHR10:8546823	SSF x Far_LoA	-11,101	0,057	0,285
CHR10	8546874	CHR10:8546874	SSF x Far_LoA	-6,518	0,157	0,275
CHR10	8546957	CHR10:8546957	SSF x Far_LoA	-8,394	-0,006	0,284
CHR10	8547168	CHR10:8547168	SSF x Far_LoA	-9,957	-0,091	0,284
CHR10	8589890	CHR10:8589890	SSF x Far_LoA	-11,831	0,014	0,284
CHR10	8589895	CHR10:8589895	SSF x Far_LoA	-10,028	0,029	0,292
CHR10	8589910	CHR10:8589910	SSF x Far_LoA	-9,978	0,011	0,293
CHR10	8589925	CHR10:8589925	SSF x Far_LoA	-9,075	0,036	0,287
CHR10	8589966	CHR10:8589966	SSF x Far_LoA	-2,550	0,083	0,298
CHR10	8590021	CHR10:8590021	SSF x Far_LoA	-9,563	-0,100	0,293
CHR10	8590141	CHR10:8590141	SSF x Far_LoA	-6,395	0,056	0,288
CHR10	8602796	CHR10:8602796	SSF x Far_LoA	-5,495	-0,150	0,277
CHR10	8602837	CHR10:8602837	SSF x Far_LoA	-11,320	0,037	0,299
CHR10	8630945	CHR10:8630945	SSF x Far_LoA	-8,776	-0,057	0,298
CHR10	8631030	CHR10:8631030	SSF x Far_LoA	-0,626	-0,084	0,296
CHR10	8747468	CHR10:8747468	SSF x Far_LoA	-8,673	-0,043	0,311
CHR10	8764017	CHR10:8764017	SSF x Far_LoA	-9,873	-0,089	0,286
CHR10	8764032	CHR10:8764032	SSF x Far_LoA	-9,317	0,043	0,302
CHR10	8764129	CHR10:8764129	SSF x Far_LoA	-9,052	-0,012	0,307
CHR10	876476	CHR10:876476	SSF x Far_LoA	-8,498	0,076	0,289
CHR10	876542	CHR10:876542	SSF x Far_LoA	-7,090	-0,102	0,295
CHR10	876734	CHR10:876734	SSF x Far_LoA	-11,124	-0,013	0,292

CHR10	876869	CHR10:876869	SSF x Far_LoA	-10,295	-0,003	0,293
CHR10	8771975	CHR10:8771975	SSF x Far_LoA	-9,958	-0,046	0,302
CHR10	8772112	CHR10:8772112	SSF x Far_LoA	-7,808	0,141	0,278
CHR10	8775187	CHR10:8775187	SSF x Far_LoA	-9,494	0,013	0,286
CHR10	8775319	CHR10:8775319	SSF x Far_LoA	-9,053	-0,194	0,276
CHR10	8775446	CHR10:8775446	SSF x Far_LoA	-8,772	0,106	0,291
CHR10	8775472	CHR10:8775472	SSF x Far_LoA	-9,292	0,136	0,276
CHR10	8779466	CHR10:8779466	SSF x Far_LoA	-8,891	-0,032	0,276
CHR10	8779468	CHR10:8779468	SSF x Far_LoA	-8,205	-0,066	0,299
CHR10	8790411	CHR10:8790411	SSF x Far_LoA	-9,384	-0,004	0,292
CHR10	8790429	CHR10:8790429	SSF x Far_LoA	-10,877	-0,072	0,284
CHR10	8794041	CHR10:8794041	SSF x Far_LoA	-9,551	-0,087	0,298
CHR10	8794298	CHR10:8794298	SSF x Far_LoA	-8,904	-0,024	0,295
CHR10	8797191	CHR10:8797191	SSF x Far_LoA	-8,619	0,015	0,304
CHR10	8799392	CHR10:8799392	SSF x Far_LoA	-0,677	0,179	0,278
CHR10	8801927	CHR10:8801927	SSF x Far_LoA	-9,886	0,028	0,298
CHR10	8801965	CHR10:8801965	SSF x Far_LoA	-9,962	0,060	0,278
CHR10	8819791	CHR10:8819791	SSF x Far_LoA	-10,322	0,070	0,308
CHR10	8819792	CHR10:8819792	SSF x Far_LoA	-10,514	0,059	0,284
CHR10	8819853	CHR10:8819853	SSF x Far_LoA	-10,609	-0,037	0,294
CHR10	8829036	CHR10:8829036	SSF x Far_LoA	-10,075	0,069	0,291
CHR10	8842276	CHR10:8842276	SSF x Far_LoA	-7,925	0,152	0,287
CHR10	8842355	CHR10:8842355	SSF x Far_LoA	-10,548	-0,009	0,287
CHR10	8844854	CHR10:8844854	SSF x Far_LoA	-11,581	0,055	0,291
CHR10	8844937	CHR10:8844937	SSF x Far_LoA	-10,614	-0,016	0,300
CHR10	8845196	CHR10:8845196	SSF x Far_LoA	-9,661	-0,043	0,307
CHR10	8851440	CHR10:8851440	SSF x Far_LoA	-12,172	-0,019	0,288
CHR10	8857679	CHR10:8857679	SSF x Far_LoA	-10,104	0,035	0,294
CHR10	8857694	CHR10:8857694	SSF x Far_LoA	-5,750	0,163	0,267
CHR10	8857760	CHR10:8857760	SSF x Far_LoA	-8,918	-0,092	0,302
CHR10	8857794	CHR10:8857794	SSF x Far_LoA	-8,847	-0,105	0,290
CHR10	8857799	CHR10:8857799	SSF x Far_LoA	-9,599	-0,098	0,287
CHR10	8857806	CHR10:8857806	SSF x Far_LoA	-7,057	0,080	0,294
CHR10	8873190	CHR10:8873190	SSF x Far_LoA	-9,225	0,036	0,294
CHR10	8877039	CHR10:8877039	SSF x Far_LoA	-11,001	-0,078	0,275
CHR10	8877107	CHR10:8877107	SSF x Far_LoA	-10,958	-0,057	0,276
CHR10	8877195	CHR10:8877195	SSF x Far_LoA	-9,362	0,086	0,288
CHR10	8877250	CHR10:8877250	SSF x Far_LoA	-11,617	0,025	0,299
CHR10	8886509	CHR10:8886509	SSF x Far_LoA	-10,702	0,060	0,299
CHR10	8889305	CHR10:8889305	SSF x Far_LoA	-10,939	-0,051	0,290
CHR10	8889679	CHR10:8889679	SSF x Far_LoA	-10,262	-0,011	0,280
CHR10	8889733	CHR10:8889733	SSF x Far_LoA	-6,747	0,017	0,299
CHR10	8889734	CHR10:8889734	SSF x Far_LoA	-8,198	0,030	0,283
CHR10	8889736	CHR10:8889736	SSF x Far_LoA	-8,345	-0,094	0,286
CHR10	8898515	CHR10:8898515	SSF x Far_LoA	-11,274	0,064	0,293
CHR10	8898580	CHR10:8898580	SSF x Far_LoA	-10,368	-0,024	0,298
CHR10	8898653	CHR10:8898653	SSF x Far_LoA	-7,953	0,095	0,302
CHR10	8898688	CHR10:8898688	SSF x Far_LoA	-11,231	0,005	0,279
CHR10	8898724	CHR10:8898724	SSF x Far_LoA	-11,673	-0,048	0,285
CHR10	8898789	CHR10:8898789	SSF x Far_LoA	-7,211	0,019	0,284
CHR10	8898796	CHR10:8898796	SSF x Far_LoA	-7,574	0,055	0,275
CHR10	8900655	CHR10:8900655	SSF x Far_LoA	-10,088	0,113	0,282
CHR10	8900859	CHR10:8900859	SSF x Far_LoA	-7,552	-0,081	0,297

CHR10	8900868	CHR10:8900868	SSF x Far_LoA	-9,654	-0,001	0,297
CHR10	8901513	CHR10:8901513	SSF x Far_LoA	-8,802	0,058	0,279
CHR10	8901669	CHR10:8901669	SSF x Far_LoA	-6,617	-0,108	0,299
CHR10	8905377	CHR10:8905377	SSF x Far_LoA	-8,525	0,141	0,281
CHR10	8908358	CHR10:8908358	SSF x Far_LoA	-8,432	0,222	0,268
CHR10	8916277	CHR10:8916277	SSF x Far_LoA	-7,919	-0,076	0,298
CHR10	8916322	CHR10:8916322	SSF x Far_LoA	-11,454	-0,072	0,291
CHR10	8938811	CHR10:8938811	SSF x Far_LoA	-11,820	-0,020	0,300
CHR10	8938910	CHR10:8938910	SSF x Far_LoA	-8,737	0,020	0,290
CHR10	8957192	CHR10:8957192	SSF x Far_LoA	-9,153	-0,045	0,299
CHR10	8957561	CHR10:8957561	SSF x Far_LoA	0,112	0,191	0,286
CHR10	8970318	CHR10:8970318	SSF x Far_LoA	-8,442	-0,120	0,295
CHR10	8970385	CHR10:8970385	SSF x Far_LoA	-9,351	0,077	0,270
CHR10	8970435	CHR10:8970435	SSF x Far_LoA	-9,456	0,042	0,306
CHR10	8970497	CHR10:8970497	SSF x Far_LoA	-10,413	0,001	0,308
CHR10	8970499	CHR10:8970499	SSF x Far_LoA	-9,266	0,051	0,296
CHR10	8970510	CHR10:8970510	SSF x Far_LoA	-3,834	-0,038	0,311
CHR10	8970640	CHR10:8970640	SSF x Far_LoA	-5,923	0,080	0,274
CHR10	898223	CHR10:898223	SSF x Far_LoA	-6,393	0,045	0,301
CHR10	8982278	CHR10:8982278	SSF x Far_LoA	-6,725	-0,137	0,300
CHR10	8982403	CHR10:8982403	SSF x Far_LoA	-8,617	-0,071	0,289
CHR10	8982409	CHR10:8982409	SSF x Far_LoA	-11,166	0,035	0,288
CHR10	8982425	CHR10:8982425	SSF x Far_LoA	-9,710	0,006	0,289
CHR10	8984401	CHR10:8984401	SSF x Far_LoA	-11,109	0,030	0,292
CHR10	8984576	CHR10:8984576	SSF x Far_LoA	-7,008	-0,114	0,280
CHR10	8991630	CHR10:8991630	SSF x Far_LoA	-8,840	-0,031	0,305
CHR10	8991686	CHR10:8991686	SSF x Far_LoA	-10,973	0,027	0,299
CHR10	8991751	CHR10:8991751	SSF x Far_LoA	-11,216	-0,047	0,292
CHR10	8991773	CHR10:8991773	SSF x Far_LoA	-8,619	0,087	0,292
CHR10	9000150	CHR10:9000150	SSF x Far_LoA	-10,537	-0,108	0,284
CHR10	9023175	CHR10:9023175	SSF x Far_LoA	-8,993	0,051	0,284
CHR10	9023193	CHR10:9023193	SSF x Far_LoA	-7,361	0,033	0,296
CHR10	9023218	CHR10:9023218	SSF x Far_LoA	-8,467	0,026	0,297
CHR10	9023269	CHR10:9023269	SSF x Far_LoA	-9,296	0,047	0,285
CHR10	9023294	CHR10:9023294	SSF x Far_LoA	-10,154	0,074	0,287
CHR10	9023396	CHR10:9023396	SSF x Far_LoA	-9,348	0,009	0,306
CHR10	9028073	CHR10:9028073	SSF x Far_LoA	-10,383	0,012	0,305
CHR10	9028077	CHR10:9028077	SSF x Far_LoA	-9,043	-0,147	0,268
CHR10	9028183	CHR10:9028183	SSF x Far_LoA	-3,166	-0,060	0,276
CHR10	9035705	CHR10:9035705	SSF x Far_LoA	-8,040	-0,082	0,286
CHR10	9035849	CHR10:9035849	SSF x Far_LoA	-8,637	0,082	0,304
CHR10	9035966	CHR10:9035966	SSF x Far_LoA	-11,433	-0,033	0,295
CHR10	903609	CHR10:903609	SSF x Far_LoA	-5,051	-0,096	0,287
CHR10	903784	CHR10:903784	SSF x Far_LoA	-7,844	-0,025	0,308
CHR10	9040718	CHR10:9040718	SSF x Far_LoA	-7,957	-0,124	0,287
CHR10	9055794	CHR10:9055794	SSF x Far_LoA	-11,327	-0,079	0,290
CHR10	9073645	CHR10:9073645	SSF x Far_LoA	-9,040	-0,010	0,282
CHR10	9076314	CHR10:9076314	SSF x Far_LoA	-9,915	-0,025	0,285
CHR10	9076431	CHR10:9076431	SSF x Far_LoA	-7,226	-0,087	0,289
CHR10	9076442	CHR10:9076442	SSF x Far_LoA	-8,959	0,006	0,296
CHR10	9076479	CHR10:9076479	SSF x Far_LoA	-8,699	0,032	0,295
CHR10	9084162	CHR10:9084162	SSF x Far_LoA	-11,059	-0,073	0,287
CHR10	9089966	CHR10:9089966	SSF x Far_LoA	-9,127	-0,064	0,283

CHR10	9090001	CHR10:9090001	SSF x Far_LoA	-10,992	0,044	0,297
CHR10	9090002	CHR10:9090002	SSF x Far_LoA	-10,000	-0,047	0,297
CHR10	9090258	CHR10:9090258	SSF x Far_LoA	-9,538	0,010	0,297
CHR10	9099657	CHR10:9099657	SSF x Far_LoA	-8,468	-0,125	0,298
CHR10	9101766	CHR10:9101766	SSF x Far_LoA	-3,054	0,229	0,283
CHR10	9110111	CHR10:9110111	SSF x Far_LoA	-10,327	-0,020	0,292
CHR10	9110151	CHR10:9110151	SSF x Far_LoA	-9,867	0,033	0,302
CHR10	9124292	CHR10:9124292	SSF x Far_LoA	-10,949	-0,057	0,289
CHR10	9124642	CHR10:9124642	SSF x Far_LoA	-10,774	-0,104	0,294
CHR10	9132102	CHR10:9132102	SSF x Far_LoA	-9,586	-0,043	0,318
CHR10	9132135	CHR10:9132135	SSF x Far_LoA	-8,089	-0,030	0,305
CHR10	9134730	CHR10:9134730	SSF x Far_LoA	-9,962	0,019	0,297
CHR10	9134778	CHR10:9134778	SSF x Far_LoA	-11,618	0,003	0,300
CHR10	9135140	CHR10:9135140	SSF x Far_LoA	-10,222	-0,065	0,282
CHR10	9141213	CHR10:9141213	SSF x Far_LoA	-10,850	-0,101	0,278
CHR10	9143932	CHR10:9143932	SSF x Far_LoA	-8,582	-0,067	0,305
CHR10	9144028	CHR10:9144028	SSF x Far_LoA	-9,801	0,025	0,292
CHR10	9144272	CHR10:9144272	SSF x Far_LoA	-2,696	0,042	0,293
CHR10	9144273	CHR10:9144273	SSF x Far_LoA	-8,031	0,022	0,292
CHR10	9144326	CHR10:9144326	SSF x Far_LoA	-9,834	-0,029	0,295
CHR10	9147685	CHR10:9147685	SSF x Far_LoA	-9,513	0,066	0,300
CHR10	9147783	CHR10:9147783	SSF x Far_LoA	-6,902	-0,096	0,286
CHR10	9147786	CHR10:9147786	SSF x Far_LoA	-5,898	-0,158	0,297
CHR10	9147816	CHR10:9147816	SSF x Far_LoA	-8,546	0,123	0,277
CHR10	9151151	CHR10:9151151	SSF x Far_LoA	-9,340	-0,078	0,293
CHR10	9151260	CHR10:9151260	SSF x Far_LoA	-7,652	0,035	0,301
CHR10	9151320	CHR10:9151320	SSF x Far_LoA	-9,390	0,015	0,283
CHR10	915229	CHR10:915229	SSF x Far_LoA	-5,751	0,027	0,291
CHR10	915270	CHR10:915270	SSF x Far_LoA	-9,116	0,048	0,279
CHR10	915281	CHR10:915281	SSF x Far_LoA	-10,498	0,031	0,300
CHR10	915295	CHR10:915295	SSF x Far_LoA	-6,831	0,093	0,298
CHR10	9160035	CHR10:9160035	SSF x Far_LoA	-5,423	-0,134	0,298
CHR10	9166892	CHR10:9166892	SSF x Far_LoA	-8,009	0,029	0,287
CHR10	9167013	CHR10:9167013	SSF x Far_LoA	-9,966	0,038	0,290
CHR10	9168975	CHR10:9168975	SSF x Far_LoA	-8,215	-0,022	0,290
CHR10	9169038	CHR10:9169038	SSF x Far_LoA	-11,124	-0,081	0,292
CHR10	9169191	CHR10:9169191	SSF x Far_LoA	-11,391	0,048	0,295
CHR10	9169236	CHR10:9169236	SSF x Far_LoA	-10,569	0,026	0,297
CHR10	9195512	CHR10:9195512	SSF x Far_LoA	-10,237	-0,049	0,295
CHR10	9195514	CHR10:9195514	SSF x Far_LoA	-6,184	-0,045	0,287
CHR10	9195547	CHR10:9195547	SSF x Far_LoA	-9,483	-0,113	0,289
CHR10	9195558	CHR10:9195558	SSF x Far_LoA	-10,662	-0,103	0,292
CHR10	9195723	CHR10:9195723	SSF x Far_LoA	-7,014	-0,020	0,315
CHR10	9207906	CHR10:9207906	SSF x Far_LoA	-6,901	0,114	0,286
CHR10	9217441	CHR10:9217441	SSF x Far_LoA	-5,468	-0,091	0,285
CHR10	9217442	CHR10:9217442	SSF x Far_LoA	-6,952	-0,090	0,278
CHR10	9217628	CHR10:9217628	SSF x Far_LoA	-10,809	-0,029	0,294
CHR10	9224688	CHR10:9224688	SSF x Far_LoA	-10,814	0,121	0,272
CHR10	9241055	CHR10:9241055	SSF x Far_LoA	-10,991	0,027	0,298
CHR10	9241076	CHR10:9241076	SSF x Far_LoA	-11,006	0,015	0,279
CHR10	9241274	CHR10:9241274	SSF x Far_LoA	-7,418	0,118	0,278
CHR10	9241364	CHR10:9241364	SSF x Far_LoA	-10,376	0,020	0,300
CHR10	9241449	CHR10:9241449	SSF x Far_LoA	-8,897	-0,080	0,276

CHR10	9249671	CHR10:9249671	SSF x Far_LoA	-10,695	-0,084	0,274
CHR10	9249708	CHR10:9249708	SSF x Far_LoA	-10,640	0,037	0,283
CHR10	9249882	CHR10:9249882	SSF x Far_LoA	-7,680	-0,118	0,299
CHR10	9249969	CHR10:9249969	SSF x Far_LoA	-7,760	-0,085	0,273
CHR10	9262073	CHR10:9262073	SSF x Far_LoA	-9,864	-0,011	0,288
CHR10	9262116	CHR10:9262116	SSF x Far_LoA	-9,011	-0,002	0,294
CHR10	9262143	CHR10:9262143	SSF x Far_LoA	-8,416	0,173	0,288
CHR10	9262177	CHR10:9262177	SSF x Far_LoA	-9,941	-0,044	0,281
CHR10	9262241	CHR10:9262241	SSF x Far_LoA	-10,417	0,079	0,272
CHR10	9262251	CHR10:9262251	SSF x Far_LoA	-9,869	-0,024	0,285
CHR10	9268010	CHR10:9268010	SSF x Far_LoA	-9,298	-0,028	0,299
CHR10	9278102	CHR10:9278102	SSF x Far_LoA	-6,556	-0,102	0,293
CHR10	9285953	CHR10:9285953	SSF x Far_LoA	-8,459	-0,011	0,291
CHR10	9292462	CHR10:9292462	SSF x Far_LoA	-9,276	-0,112	0,273
CHR10	9292587	CHR10:9292587	SSF x Far_LoA	-9,886	-0,047	0,295
CHR10	9292660	CHR10:9292660	SSF x Far_LoA	-11,121	0,025	0,294
CHR10	9292688	CHR10:9292688	SSF x Far_LoA	-10,832	-0,015	0,299
CHR10	9292713	CHR10:9292713	SSF x Far_LoA	-8,370	0,002	0,310
CHR10	9292728	CHR10:9292728	SSF x Far_LoA	-7,669	0,088	0,297
CHR10	9300886	CHR10:9300886	SSF x Far_LoA	-11,790	-0,033	0,280
CHR10	9300889	CHR10:9300889	SSF x Far_LoA	-11,425	0,067	0,289
CHR10	9300900	CHR10:9300900	SSF x Far_LoA	-11,195	0,073	0,275
CHR10	9300937	CHR10:9300937	SSF x Far_LoA	-8,649	-0,030	0,309
CHR10	9301239	CHR10:9301239	SSF x Far_LoA	-7,991	-0,058	0,291
CHR10	9319866	CHR10:9319866	SSF x Far_LoA	-8,610	0,010	0,287
CHR10	9319872	CHR10:9319872	SSF x Far_LoA	-10,984	0,051	0,286
CHR10	9320001	CHR10:9320001	SSF x Far_LoA	-9,944	-0,086	0,292
CHR10	9320006	CHR10:9320006	SSF x Far_LoA	-9,882	-0,028	0,292
CHR10	9320059	CHR10:9320059	SSF x Far_LoA	-7,029	-0,063	0,276
CHR10	9324934	CHR10:9324934	SSF x Far_LoA	-8,772	-0,011	0,303
CHR10	9327304	CHR10:9327304	SSF x Far_LoA	-8,467	0,116	0,275
CHR10	9332865	CHR10:9332865	SSF x Far_LoA	-9,799	0,078	0,277
CHR10	9333035	CHR10:9333035	SSF x Far_LoA	-7,387	-0,001	0,290
CHR10	9334037	CHR10:9334037	SSF x Far_LoA	-10,945	-0,044	0,288
CHR10	9334136	CHR10:9334136	SSF x Far_LoA	-11,297	0,065	0,304
CHR10	9334282	CHR10:9334282	SSF x Far_LoA	-8,410	-0,118	0,289
CHR10	9345633	CHR10:9345633	SSF x Far_LoA	-9,851	0,086	0,291
CHR10	9357530	CHR10:9357530	SSF x Far_LoA	-10,140	-0,097	0,292
CHR10	9357626	CHR10:9357626	SSF x Far_LoA	-10,864	0,075	0,297
CHR10	9357653	CHR10:9357653	SSF x Far_LoA	-10,258	0,109	0,300
CHR10	9357786	CHR10:9357786	SSF x Far_LoA	-10,214	0,028	0,304
CHR10	9359176	CHR10:9359176	SSF x Far_LoA	-8,781	-0,098	0,284
CHR10	9359199	CHR10:9359199	SSF x Far_LoA	-7,570	-0,100	0,289
CHR10	9364766	CHR10:9364766	SSF x Far_LoA	-9,002	0,000	0,292
CHR10	9364794	CHR10:9364794	SSF x Far_LoA	-7,092	-0,099	0,297
CHR10	937244	CHR10:937244	SSF x Far_LoA	-7,356	0,050	0,292
CHR10	937285	CHR10:937285	SSF x Far_LoA	-6,417	-0,171	0,284
CHR10	937297	CHR10:937297	SSF x Far_LoA	-11,612	0,023	0,294
CHR10	9384183	CHR10:9384183	SSF x Far_LoA	-10,179	-0,055	0,303
CHR10	9384355	CHR10:9384355	SSF x Far_LoA	-10,860	0,066	0,295
CHR10	9384460	CHR10:9384460	SSF x Far_LoA	-4,072	0,188	0,275
CHR10	9384464	CHR10:9384464	SSF x Far_LoA	-8,191	-0,090	0,298
CHR10	9384470	CHR10:9384470	SSF x Far_LoA	-9,507	-0,078	0,289

CHR10	9391028	CHR10:9391028	SSF x Far_LoA	-7,128	0,016	0,292
CHR10	9394604	CHR10:9394604	SSF x Far_LoA	-8,128	0,104	0,288
CHR10	9394763	CHR10:9394763	SSF x Far_LoA	-10,345	-0,022	0,296
CHR10	9394780	CHR10:9394780	SSF x Far_LoA	-8,837	-0,072	0,269
CHR10	9399158	CHR10:9399158	SSF x Far_LoA	-8,862	-0,099	0,285
CHR10	9400006	CHR10:9400006	SSF x Far_LoA	-8,894	-0,035	0,288
CHR10	9437307	CHR10:9437307	SSF x Far_LoA	-7,801	0,006	0,298
CHR10	9437387	CHR10:9437387	SSF x Far_LoA	-8,222	0,147	0,285
CHR10	9437507	CHR10:9437507	SSF x Far_LoA	-9,701	-0,060	0,307
CHR10	9437558	CHR10:9437558	SSF x Far_LoA	-5,030	-0,112	0,293
CHR10	9446163	CHR10:9446163	SSF x Far_LoA	-9,352	0,038	0,278
CHR10	945763	CHR10:945763	SSF x Far_LoA	-8,805	-0,174	0,289
CHR10	9457853	CHR10:9457853	SSF x Far_LoA	-8,364	0,048	0,295
CHR10	9475839	CHR10:9475839	SSF x Far_LoA	-9,046	-0,113	0,292
CHR10	9475841	CHR10:9475841	SSF x Far_LoA	-7,830	-0,092	0,302
CHR10	9475880	CHR10:9475880	SSF x Far_LoA	-8,288	0,077	0,286
CHR10	9475891	CHR10:9475891	SSF x Far_LoA	-10,445	0,066	0,295
CHR10	9475893	CHR10:9475893	SSF x Far_LoA	-8,614	0,056	0,293
CHR10	9475902	CHR10:9475902	SSF x Far_LoA	-9,323	0,102	0,284
CHR10	9475934	CHR10:9475934	SSF x Far_LoA	-8,686	-0,021	0,285
CHR10	9475940	CHR10:9475940	SSF x Far_LoA	-5,654	-0,011	0,292
CHR10	9475959	CHR10:9475959	SSF x Far_LoA	-8,323	-0,013	0,288
CHR10	9475982	CHR10:9475982	SSF x Far_LoA	-8,905	-0,147	0,289
CHR10	9481324	CHR10:9481324	SSF x Far_LoA	-11,580	0,015	0,298
CHR10	9481441	CHR10:9481441	SSF x Far_LoA	-6,841	0,067	0,288
CHR10	9481467	CHR10:9481467	SSF x Far_LoA	-7,617	-0,103	0,288
CHR10	9481470	CHR10:9481470	SSF x Far_LoA	-10,998	-0,056	0,302
CHR10	9486746	CHR10:9486746	SSF x Far_LoA	-10,006	0,041	0,292
CHR10	9486804	CHR10:9486804	SSF x Far_LoA	-9,518	0,013	0,289
CHR10	9486851	CHR10:9486851	SSF x Far_LoA	-10,128	0,075	0,281
CHR10	9486917	CHR10:9486917	SSF x Far_LoA	-9,194	-0,041	0,289
CHR10	9486963	CHR10:9486963	SSF x Far_LoA	-10,728	-0,008	0,301
CHR10	9489632	CHR10:9489632	SSF x Far_LoA	-7,075	0,030	0,286
CHR10	9489738	CHR10:9489738	SSF x Far_LoA	-10,587	-0,012	0,298
CHR10	9494871	CHR10:9494871	SSF x Far_LoA	-10,186	0,017	0,291
CHR10	9494886	CHR10:9494886	SSF x Far_LoA	-10,173	0,000	0,308
CHR10	9494887	CHR10:9494887	SSF x Far_LoA	-11,813	-0,042	0,297
CHR10	9497067	CHR10:9497067	SSF x Far_LoA	-10,848	-0,075	0,292
CHR10	9526842	CHR10:9526842	SSF x Far_LoA	-4,166	-0,088	0,290
CHR10	9551864	CHR10:9551864	SSF x Far_LoA	-10,450	0,074	0,274
CHR10	9564856	CHR10:9564856	SSF x Far_LoA	-6,409	-0,072	0,295
CHR10	9564907	CHR10:9564907	SSF x Far_LoA	-7,719	0,099	0,304
CHR10	9564910	CHR10:9564910	SSF x Far_LoA	-6,876	0,045	0,297
CHR10	9564911	CHR10:9564911	SSF x Far_LoA	-8,537	0,058	0,293
CHR10	9564920	CHR10:9564920	SSF x Far_LoA	-10,870	0,051	0,280
CHR10	9564973	CHR10:9564973	SSF x Far_LoA	-8,221	0,108	0,283
CHR10	9565086	CHR10:9565086	SSF x Far_LoA	-9,459	-0,048	0,289
CHR10	9575049	CHR10:9575049	SSF x Far_LoA	-8,976	-0,076	0,290
CHR10	9575108	CHR10:9575108	SSF x Far_LoA	-8,490	0,062	0,300
CHR10	9575111	CHR10:9575111	SSF x Far_LoA	-12,301	0,021	0,267
CHR10	9575123	CHR10:9575123	SSF x Far_LoA	-10,636	0,040	0,292
CHR10	9575129	CHR10:9575129	SSF x Far_LoA	-8,621	0,080	0,280
CHR10	9600114	CHR10:9600114	SSF x Far_LoA	-7,142	0,089	0,295

CHR10	9600376	CHR10:9600376	SSF x Far_LoA	-12,003	0,004	0,290
CHR10	9603335	CHR10:9603335	SSF x Far_LoA	-8,032	0,018	0,296
CHR10	9603340	CHR10:9603340	SSF x Far_LoA	-9,281	0,032	0,292
CHR10	9603703	CHR10:9603703	SSF x Far_LoA	-8,018	-0,035	0,283
CHR10	9608394	CHR10:9608394	SSF x Far_LoA	-8,706	0,023	0,295
CHR10	9608447	CHR10:9608447	SSF x Far_LoA	-11,303	-0,018	0,289
CHR10	9608452	CHR10:9608452	SSF x Far_LoA	-8,510	-0,076	0,292
CHR10	9608535	CHR10:9608535	SSF x Far_LoA	-8,831	-0,011	0,304
CHR10	9608632	CHR10:9608632	SSF x Far_LoA	-8,530	0,068	0,288
CHR10	9608636	CHR10:9608636	SSF x Far_LoA	-9,910	-0,120	0,284
CHR10	9608642	CHR10:9608642	SSF x Far_LoA	-7,331	-0,129	0,296
CHR10	9611965	CHR10:9611965	SSF x Far_LoA	-10,022	-0,049	0,298
CHR10	9611979	CHR10:9611979	SSF x Far_LoA	-9,263	-0,007	0,299
CHR10	9612111	CHR10:9612111	SSF x Far_LoA	-9,292	-0,019	0,285
CHR10	9617554	CHR10:9617554	SSF x Far_LoA	-11,268	0,001	0,309
CHR10	9617565	CHR10:9617565	SSF x Far_LoA	-7,004	0,069	0,280
CHR10	9639245	CHR10:9639245	SSF x Far_LoA	-9,816	-0,121	0,290
CHR10	9639272	CHR10:9639272	SSF x Far_LoA	-11,774	-0,114	0,266
CHR10	9639273	CHR10:9639273	SSF x Far_LoA	-9,750	-0,139	0,286
CHR10	9639422	CHR10:9639422	SSF x Far_LoA	-7,276	0,153	0,298
CHR10	9658138	CHR10:9658138	SSF x Far_LoA	-10,005	0,128	0,287
CHR10	9680476	CHR10:9680476	SSF x Far_LoA	-11,502	0,011	0,289
CHR10	9685866	CHR10:9685866	SSF x Far_LoA	-6,192	0,177	0,269
CHR10	972856	CHR10:972856	SSF x Far_LoA	-9,584	-0,103	0,276
CHR10	972936	CHR10:972936	SSF x Far_LoA	-10,708	-0,019	0,277
CHR10	9759120	CHR10:9759120	SSF x Far_LoA	-9,934	-0,040	0,291
CHR10	9761622	CHR10:9761622	SSF x Far_LoA	-10,688	0,026	0,285
CHR10	9761698	CHR10:9761698	SSF x Far_LoA	-8,409	-0,052	0,293
CHR10	976271	CHR10:976271	SSF x Far_LoA	-10,902	-0,090	0,287
CHR10	976405	CHR10:976405	SSF x Far_LoA	-9,235	-0,021	0,302
CHR10	9778647	CHR10:9778647	SSF x Far_LoA	-11,217	0,026	0,306
CHR10	9781265	CHR10:9781265	SSF x Far_LoA	-10,723	-0,057	0,285
CHR10	9781331	CHR10:9781331	SSF x Far_LoA	-10,495	-0,024	0,298
CHR10	9786763	CHR10:9786763	SSF x Far_LoA	-9,471	-0,077	0,300
CHR10	9789845	CHR10:9789845	SSF x Far_LoA	-8,528	0,052	0,291
CHR10	9789848	CHR10:9789848	SSF x Far_LoA	-10,333	-0,007	0,300
CHR10	9791278	CHR10:9791278	SSF x Far_LoA	-10,683	-0,078	0,296
CHR10	9808858	CHR10:9808858	SSF x Far_LoA	-8,990	0,099	0,290
CHR10	9809180	CHR10:9809180	SSF x Far_LoA	-10,990	-0,006	0,289
CHR10	9820779	CHR10:9820779	SSF x Far_LoA	-10,069	-0,018	0,287
CHR10	9821008	CHR10:9821008	SSF x Far_LoA	-9,051	0,014	0,294
CHR10	9821078	CHR10:9821078	SSF x Far_LoA	-9,531	0,176	0,274
CHR10	9821133	CHR10:9821133	SSF x Far_LoA	-8,668	0,127	0,297
CHR10	9823539	CHR10:9823539	SSF x Far_LoA	-9,770	-0,082	0,262
CHR10	9823608	CHR10:9823608	SSF x Far_LoA	-8,948	-0,002	0,289
CHR10	9823623	CHR10:9823623	SSF x Far_LoA	-10,792	0,048	0,289
CHR10	9825057	CHR10:9825057	SSF x Far_LoA	-10,898	-0,059	0,288
CHR10	9825074	CHR10:9825074	SSF x Far_LoA	-8,827	0,076	0,295
CHR10	9825179	CHR10:9825179	SSF x Far_LoA	-9,841	0,044	0,287
CHR10	9825216	CHR10:9825216	SSF x Far_LoA	-5,749	0,056	0,304
CHR10	9825258	CHR10:9825258	SSF x Far_LoA	-8,432	0,062	0,299
CHR10	9827610	CHR10:9827610	SSF x Far_LoA	-7,857	0,103	0,290
CHR10	984078	CHR10:984078	SSF x Far_LoA	-8,817	-0,032	0,292

CHR10	984183	CHR10:984183	SSF x Far_LoA	-8,538	-0,091	0,298
CHR10	984304	CHR10:984304	SSF x Far_LoA	-5,924	-0,010	0,300
CHR10	984342	CHR10:984342	SSF x Far_LoA	-9,011	0,023	0,292
CHR10	984370	CHR10:984370	SSF x Far_LoA	-10,581	-0,063	0,292
CHR10	984413	CHR10:984413	SSF x Far_LoA	-5,291	0,006	0,297
CHR10	9880996	CHR10:9880996	SSF x Far_LoA	-10,746	0,097	0,275
CHR10	9881012	CHR10:9881012	SSF x Far_LoA	-12,334	0,040	0,278
CHR10	9881035	CHR10:9881035	SSF x Far_LoA	-9,696	0,007	0,296
CHR10	9881043	CHR10:9881043	SSF x Far_LoA	-10,250	0,056	0,289
CHR10	9881104	CHR10:9881104	SSF x Far_LoA	-8,908	0,056	0,283
CHR10	9881105	CHR10:9881105	SSF x Far_LoA	-8,713	0,118	0,280
CHR10	9881123	CHR10:9881123	SSF x Far_LoA	-8,749	0,004	0,275
CHR10	9881178	CHR10:9881178	SSF x Far_LoA	-8,831	-0,076	0,287
CHR10	9881229	CHR10:9881229	SSF x Far_LoA	-6,812	0,031	0,304
CHR10	9881268	CHR10:9881268	SSF x Far_LoA	-10,090	0,101	0,289
CHR10	9881283	CHR10:9881283	SSF x Far_LoA	-8,498	0,053	0,299
CHR10	9902460	CHR10:9902460	SSF x Far_LoA	-9,255	0,146	0,281
CHR10	9902513	CHR10:9902513	SSF x Far_LoA	-10,178	0,002	0,294
CHR10	9902559	CHR10:9902559	SSF x Far_LoA	-11,197	0,053	0,285
CHR10	9902608	CHR10:9902608	SSF x Far_LoA	-8,455	0,099	0,281
CHR10	9914388	CHR10:9914388	SSF x Far_LoA	-9,685	0,060	0,306
CHR10	9922318	CHR10:9922318	SSF x Far_LoA	-8,269	0,068	0,296
CHR10	9924911	CHR10:9924911	SSF x Far_LoA	-9,034	-0,050	0,288
CHR10	9924980	CHR10:9924980	SSF x Far_LoA	-9,900	-0,086	0,288
CHR10	9925111	CHR10:9925111	SSF x Far_LoA	-6,403	-0,046	0,282
CHR10	9938983	CHR10:9938983	SSF x Far_LoA	-7,711	0,113	0,285
CHR10	9938984	CHR10:9938984	SSF x Far_LoA	-10,217	-0,039	0,294
CHR10	9940431	CHR10:9940431	SSF x Far_LoA	-9,496	0,052	0,293
CHR10	9940563	CHR10:9940563	SSF x Far_LoA	-9,806	0,025	0,306
CHR10	9942667	CHR10:9942667	SSF x Far_LoA	-8,114	0,033	0,278
CHR10	9965594	CHR10:9965594	SSF x Far_LoA	-6,147	0,167	0,285
CHR10	9965601	CHR10:9965601	SSF x Far_LoA	-8,596	-0,129	0,287
CHR10	9965617	CHR10:9965617	SSF x Far_LoA	-10,280	0,050	0,295
CHR10	9965748	CHR10:9965748	SSF x Far_LoA	0,544	-0,065	0,293
CHR10	9970445	CHR10:9970445	SSF x Far_LoA	-9,434	0,024	0,308
CHR10	9970463	CHR10:9970463	SSF x Far_LoA	-5,579	0,031	0,300
CHR10	9970529	CHR10:9970529	SSF x Far_LoA	-8,763	0,001	0,281
CHR10	9970549	CHR10:9970549	SSF x Far_LoA	-10,833	0,007	0,288
CHR10	9980077	CHR10:9980077	SSF x Far_LoA	-8,270	0,062	0,291
CHR10	9983919	CHR10:9983919	SSF x Far_LoA	-11,526	-0,008	0,285
CHR10	9984105	CHR10:9984105	SSF x Far_LoA	-10,434	0,050	0,286
CHR10	9984125	CHR10:9984125	SSF x Far_LoA	-9,081	-0,041	0,289
CHR10	9984162	CHR10:9984162	SSF x Far_LoA	-10,281	-0,001	0,291
CHR10	9984166	CHR10:9984166	SSF x Far_LoA	-11,108	0,006	0,284
CHR10	9984192	CHR10:9984192	SSF x Far_LoA	-9,925	0,132	0,272
CHR10	9984222	CHR10:9984222	SSF x Far_LoA	-9,187	-0,083	0,276
CHR10	9984238	CHR10:9984238	SSF x Far_LoA	-10,054	0,007	0,289
CHR10	9987042	CHR10:9987042	SSF x Far_LoA	-10,577	0,066	0,287
CHR11	1E+07	CHR11:10004596	SSF x Far_LoA	-9,135	0,022	0,300
CHR11	1E+07	CHR11:10009157	SSF x Far_LoA	3,529	-0,176	0,293
CHR11	1E+07	CHR11:10011204	SSF x Far_LoA	-8,073	-0,177	0,276
CHR11	1E+07	CHR11:10023572	SSF x Far_LoA	-9,813	0,096	0,292
CHR11	1E+07	CHR11:10035171	SSF x Far_LoA	-10,869	-0,018	0,290

CHR11	1E+07	CHR11:10035295	SSF x Far_LoA	-9,733	-0,052	0,286
CHR11	1E+07	CHR11:10035870	SSF x Far_LoA	-11,223	0,014	0,289
CHR11	1E+07	CHR11:10045266	SSF x Far_LoA	-10,179	-0,025	0,295
CHR11	1E+07	CHR11:10045409	SSF x Far_LoA	-10,304	-0,015	0,288
CHR11	1E+07	CHR11:10046900	SSF x Far_LoA	-10,297	-0,070	0,293
CHR11	1E+07	CHR11:10057754	SSF x Far_LoA	-9,123	0,012	0,298
CHR11	1E+07	CHR11:10058883	SSF x Far_LoA	-8,618	-0,121	0,287
CHR11	1E+07	CHR11:10058933	SSF x Far_LoA	-6,556	0,131	0,291
CHR11	1E+07	CHR11:10058952	SSF x Far_LoA	-8,580	-0,094	0,292
CHR11	1E+07	CHR11:10058962	SSF x Far_LoA	-6,654	0,075	0,300
CHR11	1E+07	CHR11:10059025	SSF x Far_LoA	-11,040	0,061	0,278
CHR11	1E+07	CHR11:10059057	SSF x Far_LoA	-11,121	-0,037	0,293
CHR11	1E+07	CHR11:10059192	SSF x Far_LoA	-10,225	0,040	0,309
CHR11	1E+07	CHR11:10059220	SSF x Far_LoA	-9,880	-0,074	0,303
CHR11	1E+07	CHR11:10079566	SSF x Far_LoA	-2,496	-0,004	0,298
CHR11	1E+07	CHR11:10079571	SSF x Far_LoA	-8,466	0,047	0,309
CHR11	1E+07	CHR11:10079579	SSF x Far_LoA	-8,638	-0,085	0,293
CHR11	1E+07	CHR11:10079608	SSF x Far_LoA	-9,351	0,040	0,296
CHR11	1E+07	CHR11:10079630	SSF x Far_LoA	-7,926	-0,103	0,308
CHR11	1E+07	CHR11:10083066	SSF x Far_LoA	-6,082	-0,036	0,307
CHR11	1E+07	CHR11:10083102	SSF x Far_LoA	-10,656	-0,027	0,306
CHR11	1E+07	CHR11:10083171	SSF x Far_LoA	-9,332	-0,017	0,300
CHR11	1E+07	CHR11:10083193	SSF x Far_LoA	-8,445	0,044	0,285
CHR11	1009328	CHR11:1009328	SSF x Far_LoA	-0,975	-0,253	0,257
CHR11	1009337	CHR11:1009337	SSF x Far_LoA	-8,667	-0,011	0,293
CHR11	1009339	CHR11:1009339	SSF x Far_LoA	-7,422	0,104	0,303
CHR11	1009360	CHR11:1009360	SSF x Far_LoA	-9,850	0,048	0,281
CHR11	1009424	CHR11:1009424	SSF x Far_LoA	-8,707	-0,103	0,281
CHR11	1E+07	CHR11:10094973	SSF x Far_LoA	-10,912	-0,021	0,281
CHR11	1010415	CHR11:1010415	SSF x Far_LoA	-10,102	-0,045	0,290
CHR11	1E+07	CHR11:10113795	SSF x Far_LoA	-6,160	0,123	0,296
CHR11	1E+07	CHR11:10113872	SSF x Far_LoA	-9,951	0,059	0,282
CHR11	1012054	CHR11:1012054	SSF x Far_LoA	-9,205	-0,012	0,281
CHR11	1012070	CHR11:1012070	SSF x Far_LoA	-9,982	-0,067	0,301
CHR11	1012086	CHR11:1012086	SSF x Far_LoA	-9,324	0,000	0,296
CHR11	1E+07	CHR11:10122400	SSF x Far_LoA	-6,623	-0,198	0,302
CHR11	1E+07	CHR11:10122429	SSF x Far_LoA	-8,761	-0,037	0,290
CHR11	1E+07	CHR11:10122433	SSF x Far_LoA	-8,385	0,007	0,301
CHR11	1E+07	CHR11:10122439	SSF x Far_LoA	-10,197	0,031	0,272
CHR11	1E+07	CHR11:10122447	SSF x Far_LoA	-7,569	-0,012	0,279
CHR11	1E+07	CHR11:10122451	SSF x Far_LoA	-9,883	0,016	0,278
CHR11	1E+07	CHR11:10122459	SSF x Far_LoA	-11,838	-0,036	0,277
CHR11	1E+07	CHR11:10122460	SSF x Far_LoA	-9,963	-0,045	0,296
CHR11	1E+07	CHR11:10122469	SSF x Far_LoA	-6,283	-0,008	0,278
CHR11	1E+07	CHR11:10122572	SSF x Far_LoA	-8,767	0,075	0,297
CHR11	1E+07	CHR11:10130084	SSF x Far_LoA	-5,106	0,162	0,288
CHR11	1E+07	CHR11:10141385	SSF x Far_LoA	-9,640	0,093	0,285
CHR11	1E+07	CHR11:10152410	SSF x Far_LoA	-11,203	0,009	0,298
CHR11	1E+07	CHR11:10152499	SSF x Far_LoA	-8,768	0,019	0,301
CHR11	1E+07	CHR11:10152614	SSF x Far_LoA	-9,856	0,084	0,278
CHR11	1E+07	CHR11:10152662	SSF x Far_LoA	-9,144	0,070	0,310
CHR11	1E+07	CHR11:10156662	SSF x Far_LoA	-7,952	-0,097	0,289
CHR11	1E+07	CHR11:10156666	SSF x Far_LoA	-9,389	0,081	0,290

CHR11	1E+07	CHR11:10163195	SSF x Far_LoA	-7,693	-0,103	0,291
CHR11	1E+07	CHR11:10163233	SSF x Far_LoA	-8,887	-0,064	0,278
CHR11	1E+07	CHR11:10163318	SSF x Far_LoA	-9,644	-0,046	0,283
CHR11	1E+07	CHR11:10163339	SSF x Far_LoA	-10,745	-0,049	0,282
CHR11	1E+07	CHR11:10163356	SSF x Far_LoA	-10,358	-0,043	0,291
CHR11	1E+07	CHR11:10165877	SSF x Far_LoA	-5,907	-0,125	0,290
CHR11	1E+07	CHR11:10165879	SSF x Far_LoA	-7,138	-0,121	0,303
CHR11	1E+07	CHR11:10166053	SSF x Far_LoA	-7,576	0,051	0,290
CHR11	1E+07	CHR11:10176923	SSF x Far_LoA	-11,079	-0,107	0,273
CHR11	1E+07	CHR11:10176955	SSF x Far_LoA	-5,703	0,094	0,285
CHR11	1E+07	CHR11:10176971	SSF x Far_LoA	-9,880	-0,022	0,294
CHR11	1E+07	CHR11:10177042	SSF x Far_LoA	-8,833	0,099	0,295
CHR11	1E+07	CHR11:10192137	SSF x Far_LoA	-12,311	-0,012	0,289
CHR11	1E+07	CHR11:10198639	SSF x Far_LoA	-9,426	-0,064	0,297
CHR11	1E+07	CHR11:10208324	SSF x Far_LoA	-8,564	-0,060	0,299
CHR11	1E+07	CHR11:10208346	SSF x Far_LoA	-8,470	-0,049	0,296
CHR11	1E+07	CHR11:10220383	SSF x Far_LoA	-8,565	-0,112	0,295
CHR11	1E+07	CHR11:10224720	SSF x Far_LoA	-7,811	-0,129	0,275
CHR11	1023491	CHR11:1023491	SSF x Far_LoA	-7,143	0,174	0,287
CHR11	1E+07	CHR11:10251825	SSF x Far_LoA	-10,261	-0,062	0,281
CHR11	1E+07	CHR11:10251869	SSF x Far_LoA	-8,752	-0,058	0,291
CHR11	1E+07	CHR11:10253292	SSF x Far_LoA	-10,397	0,024	0,295
CHR11	1E+07	CHR11:10255041	SSF x Far_LoA	-8,940	0,042	0,287
CHR11	1E+07	CHR11:10255069	SSF x Far_LoA	-7,736	0,035	0,288
CHR11	1E+07	CHR11:10260646	SSF x Far_LoA	-7,948	-0,001	0,294
CHR11	1E+07	CHR11:10260735	SSF x Far_LoA	-8,653	0,015	0,292
CHR11	1E+07	CHR11:10260778	SSF x Far_LoA	-11,364	0,030	0,283
CHR11	1E+07	CHR11:10260790	SSF x Far_LoA	-8,999	0,086	0,312
CHR11	1027095	CHR11:1027095	SSF x Far_LoA	-9,181	-0,011	0,292
CHR11	1027138	CHR11:1027138	SSF x Far_LoA	-11,341	-0,082	0,287
CHR11	1027284	CHR11:1027284	SSF x Far_LoA	-6,808	0,186	0,285
CHR11	1E+07	CHR11:10273215	SSF x Far_LoA	-9,081	0,085	0,291
CHR11	1E+07	CHR11:10273233	SSF x Far_LoA	-8,684	0,026	0,312
CHR11	1E+07	CHR11:10273276	SSF x Far_LoA	-10,730	0,066	0,291
CHR11	1027402	CHR11:1027402	SSF x Far_LoA	-11,624	-0,051	0,278
CHR11	1027418	CHR11:1027418	SSF x Far_LoA	-11,358	-0,052	0,287
CHR11	1E+07	CHR11:10286008	SSF x Far_LoA	-11,269	-0,094	0,293
CHR11	1E+07	CHR11:10286405	SSF x Far_LoA	-9,925	-0,079	0,294
CHR11	1E+07	CHR11:10303479	SSF x Far_LoA	-11,211	-0,069	0,305
CHR11	1E+07	CHR11:10303604	SSF x Far_LoA	-8,634	-0,081	0,294
CHR11	1E+07	CHR11:10303611	SSF x Far_LoA	-10,380	-0,123	0,286
CHR11	1E+07	CHR11:10376934	SSF x Far_LoA	-9,683	-0,008	0,282
CHR11	1E+07	CHR11:10391910	SSF x Far_LoA	-8,742	-0,107	0,276
CHR11	1E+07	CHR11:10411981	SSF x Far_LoA	-7,989	0,034	0,299
CHR11	1E+07	CHR11:10422939	SSF x Far_LoA	-7,270	-0,076	0,303
CHR11	1E+07	CHR11:10422940	SSF x Far_LoA	-11,350	-0,026	0,294
CHR11	1043264	CHR11:1043264	SSF x Far_LoA	-9,755	0,027	0,293
CHR11	1043447	CHR11:1043447	SSF x Far_LoA	-11,676	0,039	0,301
CHR11	1043481	CHR11:1043481	SSF x Far_LoA	-2,879	0,252	0,274
CHR11	1E+07	CHR11:10437129	SSF x Far_LoA	-10,873	0,027	0,281
CHR11	1E+07	CHR11:10437210	SSF x Far_LoA	-9,341	-0,035	0,294
CHR11	1E+07	CHR11:10467230	SSF x Far_LoA	-10,045	-0,096	0,291
CHR11	1E+07	CHR11:10467238	SSF x Far_LoA	-7,509	0,102	0,303

CHR11	1E+07	CHR11:1046727(	SSF x Far_LoA	-9,055	-0,024	0,291
CHR11	1E+07	CHR11:1046739{	SSF x Far_LoA	-9,314	-0,019	0,288
CHR11	1E+07	CHR11:1047186{	SSF x Far_LoA	-10,958	-0,066	0,292
CHR11	1E+07	CHR11:1047487[	SSF x Far_LoA	-9,625	-0,047	0,298
CHR11	1E+07	CHR11:1049105(	SSF x Far_LoA	-7,335	-0,145	0,272
CHR11	1E+07	CHR11:1049116(	SSF x Far_LoA	-9,321	-0,037	0,282
CHR11	10523699	CHR11:1052369(	SSF x Far_LoA	-8,149	0,030	0,277
CHR11	10523826	CHR11:1052382(	SSF x Far_LoA	-8,751	-0,052	0,307
CHR11	10523831	CHR11:1052383[	SSF x Far_LoA	-11,784	-0,004	0,295
CHR11	10523850	CHR11:1052385(	SSF x Far_LoA	-8,745	-0,010	0,287
CHR11	10523853	CHR11:1052385{	SSF x Far_LoA	-8,726	0,053	0,268
CHR11	10523990	CHR11:1052399(	SSF x Far_LoA	-8,498	0,175	0,288
CHR11	10533815	CHR11:1053381(	SSF x Far_LoA	-12,255	0,100	0,278
CHR11	10533915	CHR11:1053391(	SSF x Far_LoA	-9,468	-0,040	0,287
CHR11	10551482	CHR11:1055148[	SSF x Far_LoA	-10,931	-0,031	0,268
CHR11	10552111	CHR11:1055211[	SSF x Far_LoA	-11,408	-0,025	0,281
CHR11	10552112	CHR11:1055211[	SSF x Far_LoA	-10,193	-0,062	0,287
CHR11	1058470	CHR11:1058470	SSF x Far_LoA	-5,860	0,169	0,277
CHR11	1058526	CHR11:1058526	SSF x Far_LoA	-8,170	-0,138	0,291
CHR11	1058551	CHR11:1058551	SSF x Far_LoA	-8,381	-0,127	0,300
CHR11	1058635	CHR11:1058635	SSF x Far_LoA	-6,985	0,167	0,282
CHR11	1058680	CHR11:1058680	SSF x Far_LoA	-9,482	0,114	0,292
CHR11	1058719	CHR11:1058719	SSF x Far_LoA	-8,560	-0,076	0,286
CHR11	1059847	CHR11:1059847	SSF x Far_LoA	-10,838	-0,044	0,287
CHR11	10601733	CHR11:1060173[	SSF x Far_LoA	-8,355	0,054	0,288
CHR11	10611640	CHR11:1061164(	SSF x Far_LoA	-8,492	-0,070	0,300
CHR11	10611713	CHR11:1061171[	SSF x Far_LoA	-10,031	-0,045	0,281
CHR11	10611899	CHR11:1061189{	SSF x Far_LoA	-9,966	-0,027	0,296
CHR11	10622402	CHR11:1062240[	SSF x Far_LoA	-9,296	-0,108	0,297
CHR11	10622538	CHR11:1062253{	SSF x Far_LoA	-9,756	0,050	0,289
CHR11	10622649	CHR11:1062264{	SSF x Far_LoA	-11,730	0,107	0,261
CHR11	10643382	CHR11:1064338[	SSF x Far_LoA	-10,461	0,093	0,288
CHR11	10643449	CHR11:1064344{	SSF x Far_LoA	-8,828	0,016	0,303
CHR11	10643450	CHR11:1064345(	SSF x Far_LoA	-9,373	0,102	0,303
CHR11	10643451	CHR11:1064345[	SSF x Far_LoA	-10,038	0,083	0,292
CHR11	10643474	CHR11:1064347[	SSF x Far_LoA	-9,111	-0,020	0,303
CHR11	10643550	CHR11:1064355(	SSF x Far_LoA	-8,328	0,020	0,282
CHR11	10663640	CHR11:1066364(	SSF x Far_LoA	-10,463	-0,004	0,299
CHR11	10663708	CHR11:1066370{	SSF x Far_LoA	-8,302	0,040	0,296
CHR11	10663719	CHR11:1066371{	SSF x Far_LoA	-11,313	-0,024	0,281
CHR11	10663723	CHR11:1066372[	SSF x Far_LoA	-9,582	-0,104	0,263
CHR11	10663725	CHR11:1066372[	SSF x Far_LoA	-9,280	0,059	0,283
CHR11	10687847	CHR11:1068784[	SSF x Far_LoA	-11,201	0,037	0,315
CHR11	10688131	CHR11:1068813[	SSF x Far_LoA	-9,646	0,018	0,286
CHR11	10688140	CHR11:1068814(	SSF x Far_LoA	-1,003	0,029	0,278
CHR11	10688153	CHR11:1068815{	SSF x Far_LoA	-8,378	-0,106	0,281
CHR11	10688195	CHR11:1068819[	SSF x Far_LoA	-10,612	0,125	0,287
CHR11	10688206	CHR11:1068820[	SSF x Far_LoA	-4,175	-0,125	0,276
CHR11	10688263	CHR11:1068826{	SSF x Far_LoA	-5,981	-0,079	0,288
CHR11	10704698	CHR11:1070469[	SSF x Far_LoA	-11,872	-0,036	0,285
CHR11	10704702	CHR11:1070470[	SSF x Far_LoA	-9,446	-0,137	0,293
CHR11	10704724	CHR11:1070472[	SSF x Far_LoA	-10,356	0,048	0,287
CHR11	10710776	CHR11:1071077[	SSF x Far_LoA	-7,450	-0,040	0,292

CHR11	10711110	CHR11:1071111C	SSF x Far_LoA	-8,482	0,086	0,284
CHR11	10711121	CHR11:10711121	SSF x Far_LoA	-6,660	-0,118	0,282
CHR11	10711129	CHR11:1071112G	SSF x Far_LoA	-1,166	-0,181	0,278
CHR11	10752894	CHR11:10752894	SSF x Far_LoA	-8,346	0,085	0,299
CHR11	10753084	CHR11:10753084	SSF x Far_LoA	-7,589	0,084	0,298
CHR11	1076353	CHR11:1076353	SSF x Far_LoA	-9,295	0,025	0,296
CHR11	10768894	CHR11:10768894	SSF x Far_LoA	-11,046	-0,130	0,286
CHR11	10769159	CHR11:1076915G	SSF x Far_LoA	-7,575	0,072	0,280
CHR11	10771141	CHR11:10771141	SSF x Far_LoA	-8,855	0,064	0,286
CHR11	10771146	CHR11:10771146	SSF x Far_LoA	-9,242	0,013	0,292
CHR11	10771151	CHR11:10771151	SSF x Far_LoA	-5,888	-0,092	0,304
CHR11	10771152	CHR11:10771152	SSF x Far_LoA	-6,499	0,021	0,299
CHR11	10771182	CHR11:10771182	SSF x Far_LoA	-2,061	0,184	0,281
CHR11	1077376	CHR11:1077376	SSF x Far_LoA	-11,050	0,063	0,295
CHR11	1077384	CHR11:1077384	SSF x Far_LoA	-9,422	0,037	0,269
CHR11	1077399	CHR11:1077399	SSF x Far_LoA	-9,321	0,125	0,296
CHR11	1077451	CHR11:1077451	SSF x Far_LoA	-10,279	0,023	0,291
CHR11	1077561	CHR11:1077561	SSF x Far_LoA	-8,961	-0,011	0,298
CHR11	10776541	CHR11:10776541	SSF x Far_LoA	-7,862	0,059	0,321
CHR11	10776691	CHR11:10776691	SSF x Far_LoA	-10,133	0,014	0,284
CHR11	10807377	CHR11:10807377	SSF x Far_LoA	-9,148	0,059	0,298
CHR11	10807423	CHR11:10807423	SSF x Far_LoA	-9,678	-0,009	0,292
CHR11	10822237	CHR11:10822237	SSF x Far_LoA	-9,017	-0,073	0,293
CHR11	10822305	CHR11:10822305	SSF x Far_LoA	-10,318	-0,097	0,305
CHR11	10824716	CHR11:10824716	SSF x Far_LoA	-10,568	0,019	0,304
CHR11	10824953	CHR11:10824953	SSF x Far_LoA	-9,672	-0,056	0,307
CHR11	10825154	CHR11:10825154	SSF x Far_LoA	-10,130	-0,030	0,305
CHR11	1082831	CHR11:1082831	SSF x Far_LoA	-8,671	-0,199	0,287
CHR11	1082887	CHR11:1082887	SSF x Far_LoA	-8,879	0,014	0,285
CHR11	1082901	CHR11:1082901	SSF x Far_LoA	-9,978	-0,014	0,287
CHR11	10833459	CHR11:10833459	SSF x Far_LoA	-8,662	0,034	0,283
CHR11	10833499	CHR11:10833499	SSF x Far_LoA	-7,568	-0,064	0,289
CHR11	10875787	CHR11:10875787	SSF x Far_LoA	-7,394	0,048	0,279
CHR11	10875821	CHR11:10875821	SSF x Far_LoA	-11,099	0,085	0,270
CHR11	10875850	CHR11:1087585C	SSF x Far_LoA	0,439	0,159	0,282
CHR11	10875891	CHR11:10875891	SSF x Far_LoA	-8,658	0,071	0,287
CHR11	10875943	CHR11:10875943	SSF x Far_LoA	-12,551	0,059	0,266
CHR11	10875948	CHR11:10875948	SSF x Far_LoA	-11,087	0,009	0,280
CHR11	10879666	CHR11:10879666	SSF x Far_LoA	-7,487	-0,064	0,287
CHR11	10886762	CHR11:10886762	SSF x Far_LoA	-7,232	0,136	0,282
CHR11	10886819	CHR11:10886819	SSF x Far_LoA	-9,893	-0,122	0,281
CHR11	10886845	CHR11:10886845	SSF x Far_LoA	-6,977	0,120	0,283
CHR11	10886849	CHR11:10886849	SSF x Far_LoA	-7,926	0,111	0,290
CHR11	10886851	CHR11:10886851	SSF x Far_LoA	-2,586	0,102	0,282
CHR11	10886855	CHR11:10886855	SSF x Far_LoA	-6,987	0,111	0,285
CHR11	10886857	CHR11:10886857	SSF x Far_LoA	-2,538	0,115	0,282
CHR11	10886878	CHR11:10886878	SSF x Far_LoA	-9,645	-0,011	0,296
CHR11	10886881	CHR11:10886881	SSF x Far_LoA	-6,163	0,171	0,275
CHR11	10886884	CHR11:10886884	SSF x Far_LoA	-6,130	0,133	0,293
CHR11	10886887	CHR11:10886887	SSF x Far_LoA	-8,004	0,148	0,285
CHR11	10886888	CHR11:10886888	SSF x Far_LoA	-6,870	0,145	0,290
CHR11	10886894	CHR11:10886894	SSF x Far_LoA	-9,240	0,084	0,283
CHR11	10886900	CHR11:1088690C	SSF x Far_LoA	-8,465	-0,023	0,285

CHR11	10904234	CHR11:10904234	SSF x Far_LoA	-10,219	0,032	0,288
CHR11	10904286	CHR11:10904286	SSF x Far_LoA	-9,363	-0,120	0,295
CHR11	10904288	CHR11:10904288	SSF x Far_LoA	-8,016	0,005	0,298
CHR11	10904292	CHR11:10904292	SSF x Far_LoA	-7,771	-0,042	0,291
CHR11	10904322	CHR11:10904322	SSF x Far_LoA	-10,876	-0,019	0,301
CHR11	10904332	CHR11:10904332	SSF x Far_LoA	-11,300	-0,030	0,290
CHR11	10904336	CHR11:10904336	SSF x Far_LoA	-7,162	-0,062	0,312
CHR11	10904370	CHR11:10904370	SSF x Far_LoA	-7,811	-0,058	0,301
CHR11	10904373	CHR11:10904373	SSF x Far_LoA	-11,202	-0,057	0,292
CHR11	10906471	CHR11:10906471	SSF x Far_LoA	-9,705	-0,095	0,287
CHR11	10906614	CHR11:10906614	SSF x Far_LoA	-10,389	-0,095	0,286
CHR11	10906648	CHR11:10906648	SSF x Far_LoA	-11,608	-0,006	0,272
CHR11	10906694	CHR11:10906694	SSF x Far_LoA	-10,004	-0,099	0,289
CHR11	10906703	CHR11:10906703	SSF x Far_LoA	-6,788	-0,129	0,307
CHR11	10913556	CHR11:10913556	SSF x Far_LoA	-8,989	-0,014	0,291
CHR11	10913567	CHR11:10913567	SSF x Far_LoA	-10,858	-0,005	0,283
CHR11	10916501	CHR11:10916501	SSF x Far_LoA	-1,108	0,194	0,289
CHR11	10916517	CHR11:10916517	SSF x Far_LoA	-0,531	0,148	0,301
CHR11	10916578	CHR11:10916578	SSF x Far_LoA	-9,097	0,035	0,286
CHR11	10916589	CHR11:10916589	SSF x Far_LoA	-10,881	0,007	0,288
CHR11	10917879	CHR11:10917879	SSF x Far_LoA	-8,674	-0,070	0,296
CHR11	10917912	CHR11:10917912	SSF x Far_LoA	-0,330	-0,054	0,291
CHR11	10919127	CHR11:10919127	SSF x Far_LoA	-8,759	-0,072	0,284
CHR11	10919129	CHR11:10919129	SSF x Far_LoA	-8,610	0,006	0,279
CHR11	10924135	CHR11:10924135	SSF x Far_LoA	-8,939	0,065	0,286
CHR11	10924241	CHR11:10924241	SSF x Far_LoA	-11,385	0,098	0,278
CHR11	10924316	CHR11:10924316	SSF x Far_LoA	-7,736	0,132	0,297
CHR11	10927465	CHR11:10927465	SSF x Far_LoA	-12,029	0,027	0,294
CHR11	10927672	CHR11:10927672	SSF x Far_LoA	-8,650	0,067	0,289
CHR11	10927673	CHR11:10927673	SSF x Far_LoA	-10,096	0,095	0,285
CHR11	10930214	CHR11:10930214	SSF x Far_LoA	-9,592	0,096	0,290
CHR11	10935123	CHR11:10935123	SSF x Far_LoA	-8,683	-0,130	0,297
CHR11	10947642	CHR11:10947642	SSF x Far_LoA	-7,804	0,058	0,289
CHR11	10948970	CHR11:10948970	SSF x Far_LoA	-11,822	-0,003	0,284
CHR11	10950535	CHR11:10950535	SSF x Far_LoA	-10,718	0,070	0,298
CHR11	10950537	CHR11:10950537	SSF x Far_LoA	-3,376	0,239	0,281
CHR11	10950626	CHR11:10950626	SSF x Far_LoA	-5,702	-0,123	0,290
CHR11	10958540	CHR11:10958540	SSF x Far_LoA	-8,391	-0,029	0,279
CHR11	10960587	CHR11:10960587	SSF x Far_LoA	-10,067	-0,051	0,302
CHR11	10960607	CHR11:10960607	SSF x Far_LoA	-10,800	0,029	0,291
CHR11	10960631	CHR11:10960631	SSF x Far_LoA	-7,556	-0,042	0,283
CHR11	10960633	CHR11:10960633	SSF x Far_LoA	-7,875	-0,063	0,274
CHR11	10969830	CHR11:10969830	SSF x Far_LoA	-7,323	-0,150	0,278
CHR11	10979452	CHR11:10979452	SSF x Far_LoA	-10,486	0,012	0,281
CHR11	10979555	CHR11:10979555	SSF x Far_LoA	-11,395	0,067	0,299
CHR11	10989083	CHR11:10989083	SSF x Far_LoA	-10,367	-0,045	0,269
CHR11	10989094	CHR11:10989094	SSF x Far_LoA	-5,812	-0,106	0,272
CHR11	10991734	CHR11:10991734	SSF x Far_LoA	-9,914	0,026	0,286
CHR11	10991746	CHR11:10991746	SSF x Far_LoA	-8,759	0,019	0,294
CHR11	10991794	CHR11:10991794	SSF x Far_LoA	-6,006	0,036	0,305
CHR11	10991805	CHR11:10991805	SSF x Far_LoA	-11,698	0,086	0,277
CHR11	10991859	CHR11:10991859	SSF x Far_LoA	-7,351	0,149	0,273
CHR11	10994873	CHR11:10994873	SSF x Far_LoA	-9,367	-0,001	0,301

CHR11	11007661	CHR11:11007661	SSF x Far_LoA	-3,045	0,203	0,282
CHR11	11007663	CHR11:11007663	SSF x Far_LoA	-4,777	0,206	0,282
CHR11	11007682	CHR11:11007682	SSF x Far_LoA	-7,214	0,084	0,291
CHR11	11007756	CHR11:11007756	SSF x Far_LoA	-4,454	0,114	0,286
CHR11	11007758	CHR11:11007758	SSF x Far_LoA	-10,589	-0,033	0,282
CHR11	11007851	CHR11:11007851	SSF x Far_LoA	-7,395	0,048	0,311
CHR11	11007866	CHR11:11007866	SSF x Far_LoA	-8,875	-0,060	0,291
CHR11	11047625	CHR11:11047625	SSF x Far_LoA	-8,846	0,094	0,287
CHR11	11048687	CHR11:11048687	SSF x Far_LoA	-9,290	0,051	0,308
CHR11	11050803	CHR11:11050803	SSF x Far_LoA	-9,965	0,020	0,286
CHR11	11050809	CHR11:11050809	SSF x Far_LoA	-6,145	-0,026	0,297
CHR11	11050882	CHR11:11050882	SSF x Far_LoA	-8,486	-0,025	0,295
CHR11	1107329	CHR11:1107329	SSF x Far_LoA	-10,228	0,104	0,280
CHR11	1107437	CHR11:1107437	SSF x Far_LoA	-8,393	-0,017	0,308
CHR11	11076516	CHR11:11076516	SSF x Far_LoA	-8,683	-0,002	0,271
CHR11	11079621	CHR11:11079621	SSF x Far_LoA	-7,504	0,009	0,297
CHR11	11079852	CHR11:11079852	SSF x Far_LoA	-8,975	-0,082	0,286
CHR11	11122145	CHR11:11122145	SSF x Far_LoA	-7,169	-0,169	0,279
CHR11	11146539	CHR11:11146539	SSF x Far_LoA	-9,784	-0,066	0,280
CHR11	11146610	CHR11:11146610	SSF x Far_LoA	-11,175	-0,035	0,307
CHR11	11146766	CHR11:11146766	SSF x Far_LoA	-8,587	-0,054	0,307
CHR11	11155367	CHR11:11155367	SSF x Far_LoA	-9,914	0,202	0,276
CHR11	11155482	CHR11:11155482	SSF x Far_LoA	-7,023	-0,106	0,281
CHR11	11155529	CHR11:11155529	SSF x Far_LoA	-9,591	-0,013	0,295
CHR11	11155637	CHR11:11155637	SSF x Far_LoA	-4,749	-0,180	0,282
CHR11	11162184	CHR11:11162184	SSF x Far_LoA	-9,121	0,071	0,289
CHR11	11162208	CHR11:11162208	SSF x Far_LoA	-7,248	0,037	0,287
CHR11	11162316	CHR11:11162316	SSF x Far_LoA	-9,220	0,062	0,292
CHR11	11162399	CHR11:11162399	SSF x Far_LoA	-7,036	0,002	0,296
CHR11	1116524	CHR11:1116524	SSF x Far_LoA	-7,948	-0,122	0,292
CHR11	11167334	CHR11:11167334	SSF x Far_LoA	-5,664	-0,018	0,298
CHR11	1116744	CHR11:1116744	SSF x Far_LoA	-10,437	-0,019	0,285
CHR11	1116764	CHR11:1116764	SSF x Far_LoA	-0,980	0,049	0,297
CHR11	11182985	CHR11:11182985	SSF x Far_LoA	-11,319	-0,019	0,305
CHR11	11191093	CHR11:11191093	SSF x Far_LoA	-7,439	0,064	0,310
CHR11	11191128	CHR11:11191128	SSF x Far_LoA	-10,330	0,077	0,278
CHR11	11191135	CHR11:11191135	SSF x Far_LoA	-9,494	0,074	0,289
CHR11	11191144	CHR11:11191144	SSF x Far_LoA	-8,353	0,106	0,295
CHR11	11191153	CHR11:11191153	SSF x Far_LoA	-11,057	0,021	0,299
CHR11	11191260	CHR11:11191260	SSF x Far_LoA	-9,706	0,021	0,296
CHR11	11191316	CHR11:11191316	SSF x Far_LoA	-12,239	-0,030	0,281
CHR11	11196576	CHR11:11196576	SSF x Far_LoA	-7,935	-0,126	0,296
CHR11	11199742	CHR11:11199742	SSF x Far_LoA	-4,177	0,192	0,290
CHR11	11199813	CHR11:11199813	SSF x Far_LoA	-4,158	0,204	0,280
CHR11	11200060	CHR11:11200060	SSF x Far_LoA	-7,216	0,177	0,279
CHR11	11200197	CHR11:11200197	SSF x Far_LoA	-9,852	-0,060	0,299
CHR11	11230154	CHR11:11230154	SSF x Far_LoA	-8,351	0,062	0,296
CHR11	11232980	CHR11:11232980	SSF x Far_LoA	-10,972	0,031	0,282
CHR11	11233080	CHR11:11233080	SSF x Far_LoA	-11,426	-0,025	0,288
CHR11	11251018	CHR11:11251018	SSF x Far_LoA	-6,277	0,113	0,296
CHR11	11251085	CHR11:11251085	SSF x Far_LoA	-9,683	0,090	0,268
CHR11	11296606	CHR11:11296606	SSF x Far_LoA	-11,683	-0,039	0,281
CHR11	11296627	CHR11:11296627	SSF x Far_LoA	-9,130	-0,096	0,291

CHR11	11296635	CHR11:11296635	SSF x Far_LoA	-7,799	0,042	0,298
CHR11	11296708	CHR11:11296708	SSF x Far_LoA	-7,281	-0,134	0,277
CHR11	11307814	CHR11:11307814	SSF x Far_LoA	-7,972	0,142	0,290
CHR11	11307822	CHR11:11307822	SSF x Far_LoA	-11,519	0,010	0,291
CHR11	11312198	CHR11:11312198	SSF x Far_LoA	-1,025	-0,024	0,297
CHR11	11312445	CHR11:11312445	SSF x Far_LoA	-8,160	0,166	0,278
CHR11	11316460	CHR11:11316460	SSF x Far_LoA	-2,662	-0,149	0,285
CHR11	11316485	CHR11:11316485	SSF x Far_LoA	-7,919	-0,073	0,310
CHR11	1131765	CHR11:1131765	SSF x Far_LoA	-8,035	-0,027	0,294
CHR11	1131844	CHR11:1131844	SSF x Far_LoA	-8,823	-0,017	0,310
CHR11	1131868	CHR11:1131868	SSF x Far_LoA	-9,068	0,048	0,292
CHR11	1131880	CHR11:1131880	SSF x Far_LoA	-8,351	0,096	0,301
CHR11	1131989	CHR11:1131989	SSF x Far_LoA	-9,143	-0,055	0,300
CHR11	11322973	CHR11:11322973	SSF x Far_LoA	-10,345	-0,039	0,286
CHR11	11323074	CHR11:11323074	SSF x Far_LoA	-4,040	0,132	0,285
CHR11	11323082	CHR11:11323082	SSF x Far_LoA	-9,498	-0,005	0,283
CHR11	11323139	CHR11:11323139	SSF x Far_LoA	-9,095	-0,034	0,283
CHR11	11323199	CHR11:11323199	SSF x Far_LoA	1,648	0,102	0,273
CHR11	11323218	CHR11:11323218	SSF x Far_LoA	-11,003	0,023	0,292
CHR11	11323272	CHR11:11323272	SSF x Far_LoA	-11,128	-0,076	0,296
CHR11	11323274	CHR11:11323274	SSF x Far_LoA	-11,305	-0,043	0,297
CHR11	11339080	CHR11:11339080	SSF x Far_LoA	-10,264	0,050	0,288
CHR11	11370317	CHR11:11370317	SSF x Far_LoA	-10,007	-0,062	0,277
CHR11	11370427	CHR11:11370427	SSF x Far_LoA	-7,663	0,095	0,290
CHR11	1139420	CHR11:1139420	SSF x Far_LoA	-10,399	-0,035	0,295
CHR11	1139625	CHR11:1139625	SSF x Far_LoA	-11,778	0,045	0,285
CHR11	1139709	CHR11:1139709	SSF x Far_LoA	-10,425	0,144	0,271
CHR11	1139752	CHR11:1139752	SSF x Far_LoA	-9,326	0,010	0,292
CHR11	11428103	CHR11:11428103	SSF x Far_LoA	-10,715	0,078	0,289
CHR11	11428128	CHR11:11428128	SSF x Far_LoA	-9,009	0,079	0,300
CHR11	11428148	CHR11:11428148	SSF x Far_LoA	-9,970	0,040	0,284
CHR11	11428153	CHR11:11428153	SSF x Far_LoA	-9,833	0,083	0,290
CHR11	11428195	CHR11:11428195	SSF x Far_LoA	-10,398	0,109	0,275
CHR11	11429099	CHR11:11429099	SSF x Far_LoA	-7,593	-0,074	0,289
CHR11	11429133	CHR11:11429133	SSF x Far_LoA	-9,436	-0,062	0,308
CHR11	11429142	CHR11:11429142	SSF x Far_LoA	-9,699	-0,039	0,305
CHR11	11429171	CHR11:11429171	SSF x Far_LoA	-10,196	-0,027	0,298
CHR11	11429172	CHR11:11429172	SSF x Far_LoA	-9,873	-0,040	0,303
CHR11	11429203	CHR11:11429203	SSF x Far_LoA	-10,752	0,025	0,299
CHR11	11432495	CHR11:11432495	SSF x Far_LoA	-7,345	-0,082	0,312
CHR11	11432590	CHR11:11432590	SSF x Far_LoA	-9,482	-0,050	0,277
CHR11	11432591	CHR11:11432591	SSF x Far_LoA	-9,029	-0,044	0,298
CHR11	11432674	CHR11:11432674	SSF x Far_LoA	-10,892	-0,022	0,285
CHR11	11432742	CHR11:11432742	SSF x Far_LoA	-8,874	0,025	0,296
CHR11	11436563	CHR11:11436563	SSF x Far_LoA	-10,274	0,055	0,299
CHR11	11436641	CHR11:11436641	SSF x Far_LoA	-9,398	-0,072	0,301
CHR11	11439841	CHR11:11439841	SSF x Far_LoA	-10,266	0,104	0,278
CHR11	11440074	CHR11:11440074	SSF x Far_LoA	-7,964	0,105	0,291
CHR11	11451843	CHR11:11451843	SSF x Far_LoA	-9,119	-0,080	0,301
CHR11	11451875	CHR11:11451875	SSF x Far_LoA	-10,195	-0,065	0,307
CHR11	11467562	CHR11:11467562	SSF x Far_LoA	-9,100	0,148	0,281
CHR11	11467581	CHR11:11467581	SSF x Far_LoA	-7,180	0,115	0,292
CHR11	11467711	CHR11:11467711	SSF x Far_LoA	-9,217	-0,061	0,281

CHR11	11467715	CHR11:11467715	SSF x Far_LoA	-6,523	0,033	0,292
CHR11	11467830	CHR11:11467830	SSF x Far_LoA	-9,783	0,012	0,285
CHR11	11467916	CHR11:11467916	SSF x Far_LoA	-8,197	-0,084	0,287
CHR11	11483500	CHR11:11483500	SSF x Far_LoA	-9,405	0,090	0,282
CHR11	11495422	CHR11:11495422	SSF x Far_LoA	-9,763	-0,065	0,291
CHR11	11495443	CHR11:11495443	SSF x Far_LoA	-10,648	0,046	0,298
CHR11	11508674	CHR11:11508674	SSF x Far_LoA	-8,559	-0,033	0,299
CHR11	11519594	CHR11:11519594	SSF x Far_LoA	-6,667	-0,158	0,282
CHR11	11519650	CHR11:11519650	SSF x Far_LoA	-9,346	-0,002	0,277
CHR11	11519660	CHR11:11519660	SSF x Far_LoA	-11,660	0,071	0,286
CHR11	11532619	CHR11:11532619	SSF x Far_LoA	-11,891	-0,007	0,280
CHR11	11537669	CHR11:11537669	SSF x Far_LoA	-12,022	-0,013	0,292
CHR11	11554455	CHR11:11554455	SSF x Far_LoA	-10,143	0,012	0,278
CHR11	11554509	CHR11:11554509	SSF x Far_LoA	-10,887	-0,080	0,292
CHR11	11574164	CHR11:11574164	SSF x Far_LoA	-9,171	0,001	0,275
CHR11	11574166	CHR11:11574166	SSF x Far_LoA	-8,870	0,150	0,287
CHR11	11575748	CHR11:11575748	SSF x Far_LoA	-3,624	0,105	0,290
CHR11	1159066	CHR11:1159066	SSF x Far_LoA	-11,726	0,036	0,302
CHR11	1159155	CHR11:1159155	SSF x Far_LoA	-8,293	0,040	0,301
CHR11	1159207	CHR11:1159207	SSF x Far_LoA	-10,424	-0,127	0,285
CHR11	1159276	CHR11:1159276	SSF x Far_LoA	-7,763	-0,059	0,301
CHR11	1159340	CHR11:1159340	SSF x Far_LoA	-11,455	0,010	0,282
CHR11	1159355	CHR11:1159355	SSF x Far_LoA	-5,995	0,194	0,269
CHR11	1160418	CHR11:1160418	SSF x Far_LoA	-9,806	0,039	0,301
CHR11	1160521	CHR11:1160521	SSF x Far_LoA	-7,148	0,111	0,294
CHR11	1160595	CHR11:1160595	SSF x Far_LoA	-7,634	0,139	0,270
CHR11	1164058	CHR11:1164058	SSF x Far_LoA	-8,976	0,041	0,296
CHR11	1164153	CHR11:1164153	SSF x Far_LoA	-12,078	0,035	0,288
CHR11	1164945	CHR11:1164945	SSF x Far_LoA	-7,320	-0,127	0,284
CHR11	1165067	CHR11:1165067	SSF x Far_LoA	-9,220	-0,010	0,296
CHR11	1165081	CHR11:1165081	SSF x Far_LoA	-8,820	-0,058	0,279
CHR11	1165098	CHR11:1165098	SSF x Far_LoA	-8,513	0,027	0,294
CHR11	1165113	CHR11:1165113	SSF x Far_LoA	-8,695	-0,037	0,285
CHR11	11665435	CHR11:11665435	SSF x Far_LoA	-8,444	-0,050	0,294
CHR11	11665442	CHR11:11665442	SSF x Far_LoA	-9,032	-0,081	0,287
CHR11	11665445	CHR11:11665445	SSF x Far_LoA	-9,432	-0,077	0,292
CHR11	11665525	CHR11:11665525	SSF x Far_LoA	-9,998	-0,039	0,300
CHR11	11665556	CHR11:11665556	SSF x Far_LoA	-9,666	-0,008	0,290
CHR11	11665605	CHR11:11665605	SSF x Far_LoA	-8,910	-0,016	0,294
CHR11	11675918	CHR11:11675918	SSF x Far_LoA	-9,195	-0,053	0,283
CHR11	11676042	CHR11:11676042	SSF x Far_LoA	-8,347	-0,029	0,292
CHR11	11676060	CHR11:11676060	SSF x Far_LoA	-10,397	0,021	0,284
CHR11	11676113	CHR11:11676113	SSF x Far_LoA	-11,602	-0,045	0,280
CHR11	11692887	CHR11:11692887	SSF x Far_LoA	-12,076	0,021	0,282
CHR11	117041	CHR11:117041	SSF x Far_LoA	-11,910	0,050	0,298
CHR11	11704664	CHR11:11704664	SSF x Far_LoA	-11,481	-0,038	0,297
CHR11	11704816	CHR11:11704816	SSF x Far_LoA	-6,772	-0,030	0,290
CHR11	11707333	CHR11:11707333	SSF x Far_LoA	-11,451	-0,089	0,286
CHR11	11732589	CHR11:11732589	SSF x Far_LoA	-10,533	0,067	0,280
CHR11	11732667	CHR11:11732667	SSF x Far_LoA	-10,964	-0,043	0,285
CHR11	11732715	CHR11:11732715	SSF x Far_LoA	-6,937	-0,102	0,305
CHR11	11732746	CHR11:11732746	SSF x Far_LoA	-6,648	-0,179	0,286
CHR11	11732788	CHR11:11732788	SSF x Far_LoA	-9,270	-0,046	0,271

CHR11	11732830	CHR11:1173283(	SSF x Far_LoA	-8,236	0,019	0,302
CHR11	11732831	CHR11:11732831	SSF x Far_LoA	-10,937	-0,028	0,294
CHR11	11732860	CHR11:1173286(	SSF x Far_LoA	-9,911	0,079	0,285
CHR11	11736508	CHR11:1173650(	SSF x Far_LoA	-8,244	-0,122	0,282
CHR11	11736763	CHR11:1173676(	SSF x Far_LoA	-6,406	-0,139	0,282
CHR11	11736808	CHR11:1173680(	SSF x Far_LoA	-7,366	-0,133	0,297
CHR11	11736975	CHR11:1173697(	SSF x Far_LoA	-8,958	0,014	0,296
CHR11	11757538	CHR11:1175753(	SSF x Far_LoA	-9,934	0,002	0,268
CHR11	11759814	CHR11:1175981(	SSF x Far_LoA	-11,105	0,002	0,299
CHR11	11759845	CHR11:1175984(	SSF x Far_LoA	-11,066	-0,007	0,294
CHR11	11759849	CHR11:1175984(	SSF x Far_LoA	-10,690	0,020	0,286
CHR11	11759887	CHR11:1175988(	SSF x Far_LoA	-10,468	0,009	0,299
CHR11	1176424	CHR11:1176424	SSF x Far_LoA	-9,196	0,054	0,291
CHR11	1176474	CHR11:1176474	SSF x Far_LoA	-9,581	0,008	0,286
CHR11	1176477	CHR11:1176477	SSF x Far_LoA	-9,790	-0,114	0,287
CHR11	11772099	CHR11:1177209(	SSF x Far_LoA	-10,727	-0,001	0,299
CHR11	11773998	CHR11:1177399(	SSF x Far_LoA	-11,497	-0,063	0,290
CHR11	11774000	CHR11:1177400(	SSF x Far_LoA	-10,553	-0,104	0,291
CHR11	11774118	CHR11:1177411(	SSF x Far_LoA	-9,463	-0,034	0,295
CHR11	11774158	CHR11:1177415(	SSF x Far_LoA	-10,530	0,069	0,294
CHR11	11777225	CHR11:1177722(	SSF x Far_LoA	-3,617	0,173	0,283
CHR11	11777257	CHR11:1177725(	SSF x Far_LoA	-8,836	-0,102	0,287
CHR11	11780151	CHR11:1178015(	SSF x Far_LoA	-6,552	0,254	0,284
CHR11	11780334	CHR11:1178033(	SSF x Far_LoA	-8,152	0,066	0,276
CHR11	11780398	CHR11:1178039(	SSF x Far_LoA	-8,976	-0,019	0,291
CHR11	1178464	CHR11:1178464	SSF x Far_LoA	-11,984	-0,009	0,287
CHR11	1178514	CHR11:1178514	SSF x Far_LoA	-9,901	0,087	0,289
CHR11	1178516	CHR11:1178516	SSF x Far_LoA	-11,346	0,073	0,277
CHR11	11810371	CHR11:1181037(	SSF x Far_LoA	-9,341	-0,006	0,307
CHR11	11824344	CHR11:1182434(	SSF x Far_LoA	-10,277	-0,058	0,304
CHR11	11836003	CHR11:1183600(	SSF x Far_LoA	-10,422	0,109	0,290
CHR11	11837118	CHR11:1183711(	SSF x Far_LoA	-9,375	0,069	0,284
CHR11	11837159	CHR11:1183715(	SSF x Far_LoA	-6,873	-0,099	0,301
CHR11	11837173	CHR11:1183717(	SSF x Far_LoA	-11,308	0,069	0,291
CHR11	11857344	CHR11:1185734(	SSF x Far_LoA	-9,862	0,051	0,277
CHR11	11857355	CHR11:1185735(	SSF x Far_LoA	-8,793	-0,082	0,289
CHR11	11857356	CHR11:1185735(	SSF x Far_LoA	-10,854	-0,034	0,292
CHR11	11857473	CHR11:1185747(	SSF x Far_LoA	-6,435	0,124	0,282
CHR11	11857689	CHR11:1185768(	SSF x Far_LoA	-4,831	0,080	0,298
CHR11	11857757	CHR11:1185775(	SSF x Far_LoA	-10,892	-0,065	0,301
CHR11	11862558	CHR11:1186255(	SSF x Far_LoA	-9,432	0,010	0,296
CHR11	11880643	CHR11:1188064(	SSF x Far_LoA	-10,853	0,068	0,291
CHR11	11887217	CHR11:1188721(	SSF x Far_LoA	-11,074	-0,030	0,276
CHR11	11890036	CHR11:1189003(	SSF x Far_LoA	-10,825	-0,064	0,285
CHR11	11908318	CHR11:1190831(	SSF x Far_LoA	-9,252	-0,002	0,305
CHR11	11909413	CHR11:1190941(	SSF x Far_LoA	-11,979	-0,050	0,275
CHR11	11909487	CHR11:1190948(	SSF x Far_LoA	-2,537	0,194	0,286
CHR11	11909551	CHR11:1190955(	SSF x Far_LoA	-7,890	-0,013	0,298
CHR11	11913626	CHR11:1191362(	SSF x Far_LoA	-10,488	0,096	0,292
CHR11	11913642	CHR11:1191364(	SSF x Far_LoA	-10,091	0,054	0,291
CHR11	11920780	CHR11:1192078(	SSF x Far_LoA	-9,304	0,133	0,293
CHR11	11931560	CHR11:1193156(	SSF x Far_LoA	-8,031	0,102	0,291
CHR11	11931649	CHR11:1193164(	SSF x Far_LoA	-10,264	0,069	0,279

CHR11	11933883	CHR11:11933883	SSF x Far_LoA	-6,766	0,144	0,295
CHR11	11937438	CHR11:11937438	SSF x Far_LoA	-8,925	0,045	0,288
CHR11	11937526	CHR11:11937526	SSF x Far_LoA	-9,397	0,187	0,281
CHR11	11937549	CHR11:11937549	SSF x Far_LoA	-8,689	0,207	0,283
CHR11	11937560	CHR11:11937560	SSF x Far_LoA	-8,682	-0,112	0,289
CHR11	11937571	CHR11:11937571	SSF x Far_LoA	-5,897	0,182	0,274
CHR11	11937663	CHR11:11937663	SSF x Far_LoA	-9,341	0,118	0,295
CHR11	11937676	CHR11:11937676	SSF x Far_LoA	-9,916	-0,042	0,287
CHR11	11937718	CHR11:11937718	SSF x Far_LoA	-6,521	0,137	0,295
CHR11	11949975	CHR11:11949975	SSF x Far_LoA	-8,234	-0,157	0,287
CHR11	11955193	CHR11:11955193	SSF x Far_LoA	-10,669	0,039	0,273
CHR11	1197278	CHR11:1197278	SSF x Far_LoA	-3,953	-0,108	0,288
CHR11	11973090	CHR11:11973090	SSF x Far_LoA	-11,813	-0,035	0,296
CHR11	11973169	CHR11:11973169	SSF x Far_LoA	-10,238	-0,018	0,285
CHR11	11973176	CHR11:11973176	SSF x Far_LoA	-4,291	0,045	0,306
CHR11	11973191	CHR11:11973191	SSF x Far_LoA	-7,721	0,084	0,280
CHR11	11973202	CHR11:11973202	SSF x Far_LoA	-8,067	0,067	0,289
CHR11	11973237	CHR11:11973237	SSF x Far_LoA	-11,344	0,002	0,303
CHR11	1197549	CHR11:1197549	SSF x Far_LoA	-7,152	-0,237	0,277
CHR11	11987212	CHR11:11987212	SSF x Far_LoA	-9,557	-0,045	0,294
CHR11	11990763	CHR11:11990763	SSF x Far_LoA	-9,520	-0,059	0,287
CHR11	11990816	CHR11:11990816	SSF x Far_LoA	-1,640	-0,214	0,283
CHR11	11991064	CHR11:11991064	SSF x Far_LoA	-11,881	-0,070	0,294
CHR11	11993799	CHR11:11993799	SSF x Far_LoA	-8,566	0,014	0,289
CHR11	11993846	CHR11:11993846	SSF x Far_LoA	-9,212	0,014	0,292
CHR11	11993970	CHR11:11993970	SSF x Far_LoA	-9,658	-0,028	0,304
CHR11	11994104	CHR11:11994104	SSF x Far_LoA	-9,864	-0,045	0,292
CHR11	12001648	CHR11:12001648	SSF x Far_LoA	-9,634	-0,128	0,291
CHR11	12006786	CHR11:12006786	SSF x Far_LoA	-8,649	0,092	0,286
CHR11	12006950	CHR11:12006950	SSF x Far_LoA	-6,956	-0,066	0,298
CHR11	12006959	CHR11:12006959	SSF x Far_LoA	-8,433	-0,061	0,304
CHR11	12006976	CHR11:12006976	SSF x Far_LoA	-11,037	-0,060	0,300
CHR11	12006980	CHR11:12006980	SSF x Far_LoA	-8,482	0,047	0,282
CHR11	12017620	CHR11:12017620	SSF x Far_LoA	-4,054	-0,117	0,304
CHR11	12017682	CHR11:12017682	SSF x Far_LoA	-8,071	-0,107	0,277
CHR11	12017684	CHR11:12017684	SSF x Far_LoA	-9,916	-0,010	0,290
CHR11	12017745	CHR11:12017745	SSF x Far_LoA	-9,679	-0,024	0,294
CHR11	12017781	CHR11:12017781	SSF x Far_LoA	-8,447	-0,109	0,289
CHR11	12017841	CHR11:12017841	SSF x Far_LoA	-8,938	0,087	0,294
CHR11	12054541	CHR11:12054541	SSF x Far_LoA	-8,929	0,057	0,303
CHR11	12054751	CHR11:12054751	SSF x Far_LoA	-10,856	-0,085	0,295
CHR11	12073796	CHR11:12073796	SSF x Far_LoA	-5,949	-0,113	0,302
CHR11	12074059	CHR11:12074059	SSF x Far_LoA	-11,566	0,075	0,285
CHR11	12074857	CHR11:12074857	SSF x Far_LoA	-10,919	0,021	0,284
CHR11	12074921	CHR11:12074921	SSF x Far_LoA	-9,344	0,054	0,299
CHR11	1207975	CHR11:1207975	SSF x Far_LoA	-7,101	0,122	0,293
CHR11	1208146	CHR11:1208146	SSF x Far_LoA	-5,304	-0,088	0,286
CHR11	12108251	CHR11:12108251	SSF x Far_LoA	-8,376	-0,008	0,292
CHR11	12121933	CHR11:12121933	SSF x Far_LoA	-8,612	0,016	0,278
CHR11	12121990	CHR11:12121990	SSF x Far_LoA	-11,078	-0,003	0,298
CHR11	12140107	CHR11:12140107	SSF x Far_LoA	-11,259	-0,045	0,282
CHR11	1214786	CHR11:1214786	SSF x Far_LoA	-7,606	0,191	0,276
CHR11	1214808	CHR11:1214808	SSF x Far_LoA	-12,123	0,013	0,279

CHR11	1214878	CHR11:1214878	SSF x Far_LoA	-11,132	-0,011	0,290
CHR11	1214930	CHR11:1214930	SSF x Far_LoA	-10,646	0,029	0,291
CHR11	12150184	CHR11:12150184	SSF x Far_LoA	-7,877	-0,161	0,272
CHR11	12163724	CHR11:12163724	SSF x Far_LoA	-9,555	0,006	0,285
CHR11	12163824	CHR11:12163824	SSF x Far_LoA	-7,539	0,041	0,303
CHR11	12172663	CHR11:12172663	SSF x Far_LoA	-10,822	-0,062	0,291
CHR11	12172954	CHR11:12172954	SSF x Far_LoA	-9,728	0,095	0,273
CHR11	12175537	CHR11:12175537	SSF x Far_LoA	-9,065	-0,032	0,292
CHR11	12175539	CHR11:12175539	SSF x Far_LoA	-9,356	-0,021	0,301
CHR11	12175540	CHR11:12175540	SSF x Far_LoA	-10,132	-0,013	0,297
CHR11	12185726	CHR11:12185726	SSF x Far_LoA	-9,950	0,063	0,279
CHR11	12186050	CHR11:12186050	SSF x Far_LoA	-8,333	-0,115	0,292
CHR11	12193807	CHR11:12193807	SSF x Far_LoA	-7,389	0,093	0,272
CHR11	12193938	CHR11:12193938	SSF x Far_LoA	-8,460	-0,056	0,288
CHR11	12200458	CHR11:12200458	SSF x Far_LoA	-10,876	-0,030	0,290
CHR11	12200540	CHR11:12200540	SSF x Far_LoA	-7,902	-0,017	0,306
CHR11	12208738	CHR11:12208738	SSF x Far_LoA	-2,113	0,196	0,284
CHR11	12208769	CHR11:12208769	SSF x Far_LoA	-7,742	0,187	0,270
CHR11	12208775	CHR11:12208775	SSF x Far_LoA	-8,276	-0,073	0,300
CHR11	12223248	CHR11:12223248	SSF x Far_LoA	-10,243	0,022	0,295
CHR11	12224885	CHR11:12224885	SSF x Far_LoA	-10,575	0,086	0,281
CHR11	12224923	CHR11:12224923	SSF x Far_LoA	-10,962	0,062	0,283
CHR11	12228638	CHR11:12228638	SSF x Far_LoA	-8,926	0,066	0,277
CHR11	12228677	CHR11:12228677	SSF x Far_LoA	-11,886	-0,044	0,284
CHR11	12263204	CHR11:12263204	SSF x Far_LoA	-7,654	0,110	0,290
CHR11	12263235	CHR11:12263235	SSF x Far_LoA	-9,218	0,051	0,285
CHR11	12263248	CHR11:12263248	SSF x Far_LoA	-7,879	0,115	0,292
CHR11	12263352	CHR11:12263352	SSF x Far_LoA	-9,911	0,004	0,295
CHR11	12263360	CHR11:12263360	SSF x Far_LoA	-10,806	-0,088	0,291
CHR11	12263361	CHR11:12263361	SSF x Far_LoA	-11,315	-0,092	0,286
CHR11	12263366	CHR11:12263366	SSF x Far_LoA	-10,997	-0,089	0,294
CHR11	12263466	CHR11:12263466	SSF x Far_LoA	-7,488	-0,029	0,299
CHR11	12269365	CHR11:12269365	SSF x Far_LoA	-8,782	-0,134	0,300
CHR11	12269395	CHR11:12269395	SSF x Far_LoA	-10,248	0,019	0,299
CHR11	12269406	CHR11:12269406	SSF x Far_LoA	-9,882	0,029	0,285
CHR11	12269623	CHR11:12269623	SSF x Far_LoA	-9,416	-0,114	0,287
CHR11	12277151	CHR11:12277151	SSF x Far_LoA	-8,791	-0,039	0,286
CHR11	12277152	CHR11:12277152	SSF x Far_LoA	-7,736	-0,078	0,293
CHR11	12277380	CHR11:12277380	SSF x Far_LoA	-9,615	-0,061	0,288
CHR11	12277389	CHR11:12277389	SSF x Far_LoA	-8,655	-0,132	0,303
CHR11	12288426	CHR11:12288426	SSF x Far_LoA	-4,948	0,135	0,285
CHR11	12290973	CHR11:12290973	SSF x Far_LoA	-7,393	0,184	0,291
CHR11	12290985	CHR11:12290985	SSF x Far_LoA	-9,537	0,112	0,279
CHR11	12300039	CHR11:12300039	SSF x Far_LoA	-7,864	0,011	0,299
CHR11	12300127	CHR11:12300127	SSF x Far_LoA	-7,715	0,107	0,283
CHR11	12300317	CHR11:12300317	SSF x Far_LoA	-10,823	0,018	0,299
CHR11	12303160	CHR11:12303160	SSF x Far_LoA	-9,923	-0,009	0,296
CHR11	12303166	CHR11:12303166	SSF x Far_LoA	-9,483	0,004	0,296
CHR11	12322758	CHR11:12322758	SSF x Far_LoA	-9,278	-0,049	0,291
CHR11	12324079	CHR11:12324079	SSF x Far_LoA	-11,403	0,137	0,267
CHR11	12324153	CHR11:12324153	SSF x Far_LoA	-12,226	-0,018	0,283
CHR11	12333319	CHR11:12333319	SSF x Far_LoA	-9,318	-0,036	0,299
CHR11	12333498	CHR11:12333498	SSF x Far_LoA	-6,591	0,077	0,303

CHR11	12335459	CHR11:1233545	SSF x Far_LoA	-8,320	0,072	0,286
CHR11	12335474	CHR11:1233547	SSF x Far_LoA	-8,441	0,038	0,277
CHR11	12335489	CHR11:1233548	SSF x Far_LoA	-7,442	0,057	0,285
CHR11	12335532	CHR11:1233553	SSF x Far_LoA	-7,946	0,089	0,270
CHR11	12335537	CHR11:1233553	SSF x Far_LoA	-8,415	0,059	0,277
CHR11	12335538	CHR11:1233553	SSF x Far_LoA	-8,969	0,058	0,260
CHR11	12335550	CHR11:1233555	SSF x Far_LoA	-7,097	0,057	0,276
CHR11	12337032	CHR11:1233703	SSF x Far_LoA	-4,666	-0,092	0,284
CHR11	12337084	CHR11:1233708	SSF x Far_LoA	-8,804	-0,002	0,278
CHR11	12337187	CHR11:1233718	SSF x Far_LoA	-12,105	0,017	0,293
CHR11	12337201	CHR11:1233720	SSF x Far_LoA	-9,492	0,089	0,296
CHR11	12356613	CHR11:1235661	SSF x Far_LoA	-4,407	0,200	0,268
CHR11	12356673	CHR11:1235667	SSF x Far_LoA	-9,706	0,067	0,283
CHR11	12427148	CHR11:1242714	SSF x Far_LoA	-7,775	0,017	0,293
CHR11	12427165	CHR11:1242716	SSF x Far_LoA	-9,106	-0,009	0,290
CHR11	12427208	CHR11:1242720	SSF x Far_LoA	-7,904	0,050	0,306
CHR11	12433655	CHR11:1243365	SSF x Far_LoA	-7,097	0,184	0,288
CHR11	12443482	CHR11:1244348	SSF x Far_LoA	-5,107	-0,130	0,264
CHR11	12462057	CHR11:1246205	SSF x Far_LoA	-9,614	-0,017	0,288
CHR11	12482144	CHR11:1248214	SSF x Far_LoA	-9,830	0,142	0,281
CHR11	12521810	CHR11:1252181	SSF x Far_LoA	-9,047	-0,045	0,304
CHR11	12532344	CHR11:1253234	SSF x Far_LoA	-11,293	0,023	0,293
CHR11	12532349	CHR11:1253234	SSF x Far_LoA	-10,705	-0,034	0,300
CHR11	12532374	CHR11:1253237	SSF x Far_LoA	-10,953	-0,032	0,297
CHR11	12532402	CHR11:1253240	SSF x Far_LoA	-8,765	0,077	0,288
CHR11	12533409	CHR11:1253340	SSF x Far_LoA	-9,615	0,060	0,272
CHR11	12533422	CHR11:1253342	SSF x Far_LoA	-8,930	0,054	0,284
CHR11	12546573	CHR11:1254657	SSF x Far_LoA	-6,149	-0,123	0,299
CHR11	12546766	CHR11:1254676	SSF x Far_LoA	-6,983	0,144	0,293
CHR11	12553853	CHR11:1255385	SSF x Far_LoA	-7,266	0,006	0,313
CHR11	12553881	CHR11:1255388	SSF x Far_LoA	-10,357	0,048	0,306
CHR11	12554115	CHR11:1255411	SSF x Far_LoA	-9,546	0,035	0,306
CHR11	12554910	CHR11:1255491	SSF x Far_LoA	5,975	0,014	0,308
CHR11	12554966	CHR11:1255496	SSF x Far_LoA	-10,536	-0,061	0,311
CHR11	12555000	CHR11:1255500	SSF x Far_LoA	-9,788	0,062	0,283
CHR11	12569726	CHR11:1256972	SSF x Far_LoA	-8,367	0,071	0,300
CHR11	12580330	CHR11:1258033	SSF x Far_LoA	-8,509	-0,078	0,285
CHR11	12580580	CHR11:1258058	SSF x Far_LoA	-8,001	-0,031	0,288
CHR11	12580637	CHR11:1258063	SSF x Far_LoA	-9,789	0,008	0,271
CHR11	12586463	CHR11:1258646	SSF x Far_LoA	-10,777	-0,104	0,282
CHR11	12586465	CHR11:1258646	SSF x Far_LoA	-11,521	-0,070	0,285
CHR11	12587472	CHR11:1258747	SSF x Far_LoA	-11,187	0,071	0,292
CHR11	12587485	CHR11:1258748	SSF x Far_LoA	-2,071	-0,142	0,276
CHR11	12587598	CHR11:1258759	SSF x Far_LoA	-9,036	0,114	0,289
CHR11	12589497	CHR11:1258949	SSF x Far_LoA	-8,908	-0,061	0,306
CHR11	12597003	CHR11:1259700	SSF x Far_LoA	-10,996	0,014	0,262
CHR11	12597005	CHR11:1259700	SSF x Far_LoA	-10,341	0,042	0,286
CHR11	12597027	CHR11:1259702	SSF x Far_LoA	-4,920	0,103	0,276
CHR11	12597058	CHR11:1259705	SSF x Far_LoA	-10,541	0,006	0,291
CHR11	12597131	CHR11:1259713	SSF x Far_LoA	-9,216	0,022	0,300
CHR11	1264708	CHR11:1264708	SSF x Far_LoA	-9,307	-0,088	0,306
CHR11	12649596	CHR11:1264959	SSF x Far_LoA	-7,903	-0,009	0,288
CHR11	12649666	CHR11:1264966	SSF x Far_LoA	-9,368	0,069	0,297

CHR11	12657758	CHR11:12657758	SSF x Far_LoA	-8,941	0,148	0,275
CHR11	12662470	CHR11:12662470	SSF x Far_LoA	-9,175	0,009	0,292
CHR11	12678636	CHR11:12678636	SSF x Far_LoA	-8,367	-0,021	0,290
CHR11	12693040	CHR11:12693040	SSF x Far_LoA	-6,710	-0,120	0,289
CHR11	12695617	CHR11:12695617	SSF x Far_LoA	-7,280	0,135	0,282
CHR11	12696460	CHR11:12696460	SSF x Far_LoA	-8,336	0,074	0,302
CHR11	12732292	CHR11:12732292	SSF x Far_LoA	-8,248	-0,080	0,284
CHR11	12733817	CHR11:12733817	SSF x Far_LoA	-8,303	0,091	0,288
CHR11	12733838	CHR11:12733838	SSF x Far_LoA	-10,805	-0,096	0,275
CHR11	12733892	CHR11:12733892	SSF x Far_LoA	-8,920	-0,040	0,307
CHR11	12734157	CHR11:12734157	SSF x Far_LoA	-10,208	0,122	0,290
CHR11	12738811	CHR11:12738811	SSF x Far_LoA	-9,293	0,027	0,294
CHR11	12738873	CHR11:12738873	SSF x Far_LoA	-8,592	-0,028	0,300
CHR11	12739014	CHR11:12739014	SSF x Far_LoA	-8,024	-0,091	0,288
CHR11	12739017	CHR11:12739017	SSF x Far_LoA	-9,837	0,101	0,286
CHR11	12745688	CHR11:12745688	SSF x Far_LoA	-10,349	-0,080	0,284
CHR11	12745720	CHR11:12745720	SSF x Far_LoA	-11,208	-0,039	0,293
CHR11	12757051	CHR11:12757051	SSF x Far_LoA	-8,272	-0,040	0,306
CHR11	12757058	CHR11:12757058	SSF x Far_LoA	-10,463	0,045	0,284
CHR11	12757175	CHR11:12757175	SSF x Far_LoA	-6,299	-0,048	0,293
CHR11	12761299	CHR11:12761299	SSF x Far_LoA	-2,257	-0,183	0,286
CHR11	12771492	CHR11:12771492	SSF x Far_LoA	-11,154	0,008	0,284
CHR11	12775727	CHR11:12775727	SSF x Far_LoA	-7,982	0,112	0,281
CHR11	12775766	CHR11:12775766	SSF x Far_LoA	-8,690	0,086	0,292
CHR11	12775774	CHR11:12775774	SSF x Far_LoA	-7,848	0,071	0,297
CHR11	12776900	CHR11:12776900	SSF x Far_LoA	-10,928	-0,020	0,286
CHR11	12776948	CHR11:12776948	SSF x Far_LoA	-10,178	-0,041	0,278
CHR11	12776952	CHR11:12776952	SSF x Far_LoA	-9,429	0,115	0,288
CHR11	12794813	CHR11:12794813	SSF x Far_LoA	-7,968	0,005	0,292
CHR11	12798707	CHR11:12798707	SSF x Far_LoA	-7,922	-0,113	0,284
CHR11	12798786	CHR11:12798786	SSF x Far_LoA	-10,448	0,011	0,284
CHR11	12798872	CHR11:12798872	SSF x Far_LoA	-5,857	0,202	0,287
CHR11	12798955	CHR11:12798955	SSF x Far_LoA	-9,697	-0,032	0,308
CHR11	12803486	CHR11:12803486	SSF x Far_LoA	-11,280	-0,067	0,283
CHR11	12808654	CHR11:12808654	SSF x Far_LoA	-10,481	-0,008	0,301
CHR11	12821356	CHR11:12821356	SSF x Far_LoA	-7,646	0,011	0,298
CHR11	12821432	CHR11:12821432	SSF x Far_LoA	-9,512	-0,044	0,288
CHR11	12821435	CHR11:12821435	SSF x Far_LoA	-8,915	0,035	0,286
CHR11	12821437	CHR11:12821437	SSF x Far_LoA	-9,648	-0,064	0,290
CHR11	12833508	CHR11:12833508	SSF x Far_LoA	-10,703	-0,085	0,299
CHR11	1283997	CHR11:1283997	SSF x Far_LoA	-8,857	-0,028	0,303
CHR11	12841923	CHR11:12841923	SSF x Far_LoA	-9,800	0,107	0,288
CHR11	12841985	CHR11:12841985	SSF x Far_LoA	-10,907	-0,008	0,272
CHR11	12841988	CHR11:12841988	SSF x Far_LoA	-8,239	0,163	0,282
CHR11	12842009	CHR11:12842009	SSF x Far_LoA	-10,840	-0,013	0,277
CHR11	12873570	CHR11:12873570	SSF x Far_LoA	-11,036	-0,015	0,281
CHR11	12878753	CHR11:12878753	SSF x Far_LoA	-7,814	-0,027	0,296
CHR11	12878791	CHR11:12878791	SSF x Far_LoA	-11,621	-0,024	0,288
CHR11	12878801	CHR11:12878801	SSF x Far_LoA	-2,701	-0,032	0,304
CHR11	12897813	CHR11:12897813	SSF x Far_LoA	-9,686	-0,041	0,293
CHR11	12897818	CHR11:12897818	SSF x Far_LoA	-7,832	-0,111	0,304
CHR11	12897839	CHR11:12897839	SSF x Far_LoA	-8,069	-0,094	0,286
CHR11	12897876	CHR11:12897876	SSF x Far_LoA	-11,952	0,044	0,282

CHR11	12897993	CHR11:12897993	SSF x Far_LoA	-7,187	0,161	0,287
CHR11	12912433	CHR11:12912433	SSF x Far_LoA	-4,049	-0,077	0,285
CHR11	12912471	CHR11:12912471	SSF x Far_LoA	-6,143	0,147	0,277
CHR11	12937486	CHR11:12937486	SSF x Far_LoA	-9,108	0,035	0,294
CHR11	12954815	CHR11:12954815	SSF x Far_LoA	-10,634	-0,027	0,300
CHR11	12954824	CHR11:12954824	SSF x Far_LoA	-10,772	-0,013	0,278
CHR11	12956160	CHR11:12956160	SSF x Far_LoA	-9,962	0,065	0,295
CHR11	12958763	CHR11:12958763	SSF x Far_LoA	-10,927	0,026	0,291
CHR11	12977628	CHR11:12977628	SSF x Far_LoA	-9,362	-0,066	0,296
CHR11	12983254	CHR11:12983254	SSF x Far_LoA	-8,511	-0,119	0,290
CHR11	12983346	CHR11:12983346	SSF x Far_LoA	-10,465	0,048	0,288
CHR11	12986550	CHR11:12986550	SSF x Far_LoA	-11,545	0,042	0,283
CHR11	12987731	CHR11:12987731	SSF x Far_LoA	-10,166	0,017	0,295
CHR11	12987778	CHR11:12987778	SSF x Far_LoA	-8,720	0,059	0,287
CHR11	12987840	CHR11:12987840	SSF x Far_LoA	-9,674	-0,012	0,291
CHR11	12994437	CHR11:12994437	SSF x Far_LoA	-9,270	0,133	0,265
CHR11	12994495	CHR11:12994495	SSF x Far_LoA	-7,258	-0,218	0,281
CHR11	12994533	CHR11:12994533	SSF x Far_LoA	-7,527	0,098	0,297
CHR11	12996142	CHR11:12996142	SSF x Far_LoA	-6,209	-0,076	0,288
CHR11	12996147	CHR11:12996147	SSF x Far_LoA	-9,400	0,100	0,283
CHR11	12996223	CHR11:12996223	SSF x Far_LoA	-9,424	-0,091	0,296
CHR11	12996272	CHR11:12996272	SSF x Far_LoA	-11,122	0,008	0,296
CHR11	13009915	CHR11:13009915	SSF x Far_LoA	-5,315	-0,229	0,258
CHR11	13009968	CHR11:13009968	SSF x Far_LoA	-2,292	0,122	0,296
CHR11	13010044	CHR11:13010044	SSF x Far_LoA	-11,102	-0,087	0,270
CHR11	13010049	CHR11:13010049	SSF x Far_LoA	-5,155	-0,155	0,277
CHR11	13010202	CHR11:13010202	SSF x Far_LoA	-8,090	-0,052	0,297
CHR11	13036020	CHR11:13036020	SSF x Far_LoA	-8,390	-0,056	0,305
CHR11	13036028	CHR11:13036028	SSF x Far_LoA	-4,254	-0,008	0,303
CHR11	13056965	CHR11:13056965	SSF x Far_LoA	-9,780	-0,031	0,296
CHR11	13057046	CHR11:13057046	SSF x Far_LoA	-10,440	0,030	0,287
CHR11	13057212	CHR11:13057212	SSF x Far_LoA	-7,600	-0,095	0,283
CHR11	13067240	CHR11:13067240	SSF x Far_LoA	-9,941	0,012	0,304
CHR11	13074118	CHR11:13074118	SSF x Far_LoA	3,656	-0,083	0,295
CHR11	13074178	CHR11:13074178	SSF x Far_LoA	-10,942	0,050	0,297
CHR11	13082467	CHR11:13082467	SSF x Far_LoA	-11,902	0,019	0,298
CHR11	13085700	CHR11:13085700	SSF x Far_LoA	-11,154	0,053	0,270
CHR11	13089425	CHR11:13089425	SSF x Far_LoA	-8,018	0,072	0,299
CHR11	13090456	CHR11:13090456	SSF x Far_LoA	-11,606	-0,043	0,281
CHR11	13093914	CHR11:13093914	SSF x Far_LoA	-9,885	0,009	0,284
CHR11	13094070	CHR11:13094070	SSF x Far_LoA	-8,870	0,049	0,275
CHR11	13094080	CHR11:13094080	SSF x Far_LoA	-7,746	-0,025	0,303
CHR11	13094124	CHR11:13094124	SSF x Far_LoA	-11,856	0,003	0,280
CHR11	13097976	CHR11:13097976	SSF x Far_LoA	-9,597	0,036	0,276
CHR11	13100351	CHR11:13100351	SSF x Far_LoA	-8,704	0,080	0,285
CHR11	13102724	CHR11:13102724	SSF x Far_LoA	-10,758	0,107	0,274
CHR11	13102725	CHR11:13102725	SSF x Far_LoA	-9,362	0,090	0,296
CHR11	13102752	CHR11:13102752	SSF x Far_LoA	-11,149	0,008	0,300
CHR11	13102754	CHR11:13102754	SSF x Far_LoA	-10,031	0,106	0,291
CHR11	13119941	CHR11:13119941	SSF x Far_LoA	-7,371	0,129	0,294
CHR11	13135014	CHR11:13135014	SSF x Far_LoA	-7,080	-0,112	0,300
CHR11	13135045	CHR11:13135045	SSF x Far_LoA	-12,426	-0,044	0,282
CHR11	13135086	CHR11:13135086	SSF x Far_LoA	-10,406	0,121	0,275

CHR11	13135097	CHR11:13135097	SSF x Far_LoA	-8,809	-0,015	0,297
CHR11	13135226	CHR11:13135226	SSF x Far_LoA	-8,452	-0,057	0,297
CHR11	13149872	CHR11:13149872	SSF x Far_LoA	-9,960	-0,067	0,300
CHR11	13173217	CHR11:13173217	SSF x Far_LoA	-9,067	-0,171	0,269
CHR11	13173401	CHR11:13173401	SSF x Far_LoA	-6,380	-0,169	0,293
CHR11	13173445	CHR11:13173445	SSF x Far_LoA	-8,599	-0,046	0,295
CHR11	13193061	CHR11:13193061	SSF x Far_LoA	-3,755	0,198	0,288
CHR11	13201829	CHR11:13201829	SSF x Far_LoA	-9,044	0,047	0,284
CHR11	13240564	CHR11:13240564	SSF x Far_LoA	-4,330	-0,098	0,295
CHR11	13240645	CHR11:13240645	SSF x Far_LoA	-8,718	0,100	0,282
CHR11	13240685	CHR11:13240685	SSF x Far_LoA	-8,602	0,047	0,295
CHR11	13240691	CHR11:13240691	SSF x Far_LoA	-8,930	0,055	0,282
CHR11	13240732	CHR11:13240732	SSF x Far_LoA	-8,910	0,027	0,287
CHR11	13240752	CHR11:13240752	SSF x Far_LoA	-9,787	0,015	0,289
CHR11	13249660	CHR11:13249660	SSF x Far_LoA	-7,980	-0,011	0,295
CHR11	13249729	CHR11:13249729	SSF x Far_LoA	-9,331	0,001	0,289
CHR11	13269633	CHR11:13269633	SSF x Far_LoA	-10,205	0,009	0,297
CHR11	13269662	CHR11:13269662	SSF x Far_LoA	-10,620	0,001	0,302
CHR11	13269664	CHR11:13269664	SSF x Far_LoA	-10,494	-0,065	0,287
CHR11	13274602	CHR11:13274602	SSF x Far_LoA	-10,067	0,034	0,297
CHR11	13274669	CHR11:13274669	SSF x Far_LoA	-9,919	-0,017	0,299
CHR11	13274702	CHR11:13274702	SSF x Far_LoA	-11,079	-0,017	0,297
CHR11	13274763	CHR11:13274763	SSF x Far_LoA	-9,918	0,008	0,302
CHR11	13274783	CHR11:13274783	SSF x Far_LoA	-9,106	-0,018	0,285
CHR11	13283128	CHR11:13283128	SSF x Far_LoA	-10,780	0,018	0,280
CHR11	13283224	CHR11:13283224	SSF x Far_LoA	-7,312	-0,090	0,295
CHR11	13283280	CHR11:13283280	SSF x Far_LoA	-8,187	0,019	0,297
CHR11	13283287	CHR11:13283287	SSF x Far_LoA	-7,430	0,028	0,292
CHR11	13283350	CHR11:13283350	SSF x Far_LoA	-9,352	-0,088	0,296
CHR11	13283370	CHR11:13283370	SSF x Far_LoA	-8,251	0,037	0,302
CHR11	13283371	CHR11:13283371	SSF x Far_LoA	-9,307	-0,083	0,297
CHR11	13283416	CHR11:13283416	SSF x Far_LoA	-8,631	0,002	0,290
CHR11	13284641	CHR11:13284641	SSF x Far_LoA	-10,274	-0,023	0,295
CHR11	13303221	CHR11:13303221	SSF x Far_LoA	-10,465	-0,042	0,301
CHR11	13312581	CHR11:13312581	SSF x Far_LoA	-9,051	0,021	0,297
CHR11	13312620	CHR11:13312620	SSF x Far_LoA	-11,185	0,027	0,289
CHR11	13319998	CHR11:13319998	SSF x Far_LoA	-7,829	-0,096	0,298
CHR11	13320041	CHR11:13320041	SSF x Far_LoA	-8,439	-0,047	0,291
CHR11	13320043	CHR11:13320043	SSF x Far_LoA	-10,745	0,057	0,289
CHR11	13320075	CHR11:13320075	SSF x Far_LoA	-3,969	-0,103	0,302
CHR11	13320076	CHR11:13320076	SSF x Far_LoA	-8,190	-0,144	0,280
CHR11	13320153	CHR11:13320153	SSF x Far_LoA	-10,230	-0,123	0,280
CHR11	13327776	CHR11:13327776	SSF x Far_LoA	-10,287	-0,032	0,289
CHR11	13327924	CHR11:13327924	SSF x Far_LoA	-7,992	0,098	0,284
CHR11	13331180	CHR11:13331180	SSF x Far_LoA	-11,094	-0,103	0,297
CHR11	13331231	CHR11:13331231	SSF x Far_LoA	-7,678	-0,091	0,291
CHR11	13366251	CHR11:13366251	SSF x Far_LoA	-10,842	0,041	0,292
CHR11	13366356	CHR11:13366356	SSF x Far_LoA	-6,593	0,181	0,286
CHR11	13366358	CHR11:13366358	SSF x Far_LoA	-6,905	-0,156	0,287
CHR11	13370103	CHR11:13370103	SSF x Far_LoA	-9,262	0,060	0,304
CHR11	13370128	CHR11:13370128	SSF x Far_LoA	-8,352	0,002	0,297
CHR11	13370143	CHR11:13370143	SSF x Far_LoA	-9,916	0,058	0,292
CHR11	13379689	CHR11:13379689	SSF x Far_LoA	-10,726	-0,044	0,283

CHR11	13379777	CHR11:13379777	SSF x Far_LoA	-9,301	-0,085	0,283
CHR11	13384379	CHR11:13384379	SSF x Far_LoA	-10,743	-0,075	0,271
CHR11	13384407	CHR11:13384407	SSF x Far_LoA	-9,514	0,028	0,280
CHR11	13384487	CHR11:13384487	SSF x Far_LoA	-5,640	0,180	0,276
CHR11	13384607	CHR11:13384607	SSF x Far_LoA	-9,613	0,050	0,293
CHR11	13384609	CHR11:13384609	SSF x Far_LoA	-11,107	-0,032	0,297
CHR11	13388545	CHR11:13388545	SSF x Far_LoA	-10,899	-0,082	0,281
CHR11	13390495	CHR11:13390495	SSF x Far_LoA	-9,207	0,075	0,279
CHR11	1340922	CHR11:1340922	SSF x Far_LoA	-7,013	0,109	0,293
CHR11	1340953	CHR11:1340953	SSF x Far_LoA	-6,017	0,091	0,286
CHR11	1341059	CHR11:1341059	SSF x Far_LoA	-11,285	0,003	0,287
CHR11	13410887	CHR11:13410887	SSF x Far_LoA	-9,705	-0,041	0,300
CHR11	13410888	CHR11:13410888	SSF x Far_LoA	-7,883	-0,065	0,285
CHR11	13411121	CHR11:13411121	SSF x Far_LoA	-10,576	0,004	0,299
CHR11	13411190	CHR11:13411190	SSF x Far_LoA	-9,694	0,022	0,301
CHR11	1341153	CHR11:1341153	SSF x Far_LoA	-11,358	0,062	0,294
CHR11	1341196	CHR11:1341196	SSF x Far_LoA	-9,735	0,001	0,304
CHR11	1341238	CHR11:1341238	SSF x Far_LoA	-7,783	0,076	0,286
CHR11	1341301	CHR11:1341301	SSF x Far_LoA	-10,108	0,061	0,296
CHR11	1341302	CHR11:1341302	SSF x Far_LoA	-8,883	0,037	0,299
CHR11	1341303	CHR11:1341303	SSF x Far_LoA	-9,888	0,036	0,287
CHR11	1341309	CHR11:1341309	SSF x Far_LoA	-6,893	0,031	0,298
CHR11	1341423	CHR11:1341423	SSF x Far_LoA	-11,362	0,056	0,286
CHR11	13422938	CHR11:13422938	SSF x Far_LoA	-8,374	0,081	0,293
CHR11	13422973	CHR11:13422973	SSF x Far_LoA	-3,810	0,213	0,288
CHR11	13422999	CHR11:13422999	SSF x Far_LoA	-10,271	-0,076	0,306
CHR11	13455643	CHR11:13455643	SSF x Far_LoA	-9,898	-0,070	0,284
CHR11	13471714	CHR11:13471714	SSF x Far_LoA	-6,709	-0,110	0,284
CHR11	13471834	CHR11:13471834	SSF x Far_LoA	-7,124	-0,151	0,279
CHR11	1348639	CHR11:1348639	SSF x Far_LoA	-11,225	-0,046	0,273
CHR11	13487173	CHR11:13487173	SSF x Far_LoA	-6,012	-0,107	0,287
CHR11	1348721	CHR11:1348721	SSF x Far_LoA	-6,864	0,080	0,281
CHR11	13487224	CHR11:13487224	SSF x Far_LoA	-9,548	-0,016	0,303
CHR11	1348725	CHR11:1348725	SSF x Far_LoA	-10,164	-0,006	0,288
CHR11	1348884	CHR11:1348884	SSF x Far_LoA	-10,886	-0,077	0,283
CHR11	13491404	CHR11:13491404	SSF x Far_LoA	-10,340	0,006	0,292
CHR11	13491442	CHR11:13491442	SSF x Far_LoA	-8,877	0,092	0,265
CHR11	13491520	CHR11:13491520	SSF x Far_LoA	-9,714	-0,065	0,297
CHR11	13498189	CHR11:13498189	SSF x Far_LoA	-5,671	0,116	0,292
CHR11	13522998	CHR11:13522998	SSF x Far_LoA	-8,893	-0,077	0,281
CHR11	13523027	CHR11:13523027	SSF x Far_LoA	-7,549	0,102	0,289
CHR11	13524519	CHR11:13524519	SSF x Far_LoA	-10,658	0,033	0,284
CHR11	13525732	CHR11:13525732	SSF x Far_LoA	-8,616	-0,016	0,299
CHR11	13530428	CHR11:13530428	SSF x Far_LoA	-8,597	0,052	0,281
CHR11	13530678	CHR11:13530678	SSF x Far_LoA	-10,967	0,009	0,280
CHR11	13530733	CHR11:13530733	SSF x Far_LoA	-10,387	0,020	0,300
CHR11	13532338	CHR11:13532338	SSF x Far_LoA	-8,862	-0,036	0,288
CHR11	13532373	CHR11:13532373	SSF x Far_LoA	-11,172	-0,023	0,300
CHR11	13532555	CHR11:13532555	SSF x Far_LoA	-5,608	0,020	0,286
CHR11	13532568	CHR11:13532568	SSF x Far_LoA	-7,656	0,037	0,290
CHR11	13551658	CHR11:13551658	SSF x Far_LoA	-9,440	0,052	0,285
CHR11	13556815	CHR11:13556815	SSF x Far_LoA	-8,940	0,007	0,292
CHR11	13557949	CHR11:13557949	SSF x Far_LoA	-10,368	0,013	0,286

CHR11	13558206	CHR11:1355820(	SSF x Far_LoA	-10,892	-0,054	0,309
CHR11	13558250	CHR11:1355825(	SSF x Far_LoA	-8,542	0,030	0,294
CHR11	13583092	CHR11:1358309(	SSF x Far_LoA	-2,242	-0,150	0,296
CHR11	13583141	CHR11:1358314(	SSF x Far_LoA	-5,908	0,170	0,282
CHR11	13585760	CHR11:1358576(	SSF x Far_LoA	-9,228	0,074	0,283
CHR11	13585821	CHR11:1358582(	SSF x Far_LoA	-10,319	0,069	0,288
CHR11	13585839	CHR11:1358583(	SSF x Far_LoA	-9,254	0,040	0,292
CHR11	13585894	CHR11:1358589(	SSF x Far_LoA	-10,560	0,077	0,280
CHR11	13585901	CHR11:1358590(	SSF x Far_LoA	-11,372	0,036	0,291
CHR11	13591850	CHR11:1359185(	SSF x Far_LoA	-8,671	0,046	0,277
CHR11	13591897	CHR11:1359189(	SSF x Far_LoA	-7,761	0,051	0,288
CHR11	13597312	CHR11:1359731(	SSF x Far_LoA	-9,126	0,075	0,287
CHR11	13597481	CHR11:1359748(	SSF x Far_LoA	-8,649	-0,023	0,286
CHR11	13597487	CHR11:1359748(	SSF x Far_LoA	-7,623	0,081	0,287
CHR11	13620948	CHR11:1362094(	SSF x Far_LoA	-10,255	-0,131	0,290
CHR11	13621004	CHR11:1362100(	SSF x Far_LoA	-9,341	-0,006	0,300
CHR11	13621033	CHR11:1362103(	SSF x Far_LoA	-7,587	0,153	0,284
CHR11	13623553	CHR11:1362355(	SSF x Far_LoA	-7,684	0,101	0,291
CHR11	13623693	CHR11:1362369(	SSF x Far_LoA	-5,999	-0,175	0,277
CHR11	13635758	CHR11:1363575(	SSF x Far_LoA	-8,949	0,065	0,289
CHR11	13635810	CHR11:1363581(	SSF x Far_LoA	-9,180	0,004	0,270
CHR11	13648532	CHR11:1364853(	SSF x Far_LoA	4,816	-0,221	0,287
CHR11	13648575	CHR11:1364857(	SSF x Far_LoA	-6,585	-0,177	0,281
CHR11	13648594	CHR11:1364859(	SSF x Far_LoA	-7,955	-0,071	0,288
CHR11	13648613	CHR11:1364861(	SSF x Far_LoA	-9,348	0,051	0,286
CHR11	13648653	CHR11:1364865(	SSF x Far_LoA	-9,060	0,028	0,291
CHR11	1365180	CHR11:1365180	SSF x Far_LoA	-8,280	0,023	0,282
CHR11	13658201	CHR11:1365820(	SSF x Far_LoA	-7,807	0,058	0,270
CHR11	13658276	CHR11:1365827(	SSF x Far_LoA	-9,180	-0,077	0,291
CHR11	13689827	CHR11:1368982(	SSF x Far_LoA	-9,142	0,041	0,297
CHR11	13690058	CHR11:1369005(	SSF x Far_LoA	-8,419	-0,122	0,277
CHR11	13714372	CHR11:1371437(	SSF x Far_LoA	-8,848	-0,029	0,288
CHR11	13714379	CHR11:1371437(	SSF x Far_LoA	-8,382	0,018	0,306
CHR11	13714465	CHR11:1371446(	SSF x Far_LoA	-10,676	0,039	0,298
CHR11	13714564	CHR11:1371456(	SSF x Far_LoA	-11,571	0,000	0,285
CHR11	13714733	CHR11:1371473(	SSF x Far_LoA	-9,820	0,027	0,286
CHR11	1371546	CHR11:1371546	SSF x Far_LoA	-10,116	-0,023	0,294
CHR11	1371737	CHR11:1371737	SSF x Far_LoA	-11,759	0,004	0,292
CHR11	1371824	CHR11:1371824	SSF x Far_LoA	-10,229	0,001	0,311
CHR11	1371907	CHR11:1371907	SSF x Far_LoA	-9,917	-0,120	0,279
CHR11	1371921	CHR11:1371921	SSF x Far_LoA	-9,552	0,072	0,301
CHR11	13719222	CHR11:1371922(	SSF x Far_LoA	-9,039	-0,128	0,276
CHR11	13719228	CHR11:1371922(	SSF x Far_LoA	-9,134	-0,085	0,281
CHR11	13727853	CHR11:1372785(	SSF x Far_LoA	-6,137	0,041	0,298
CHR11	13729637	CHR11:1372963(	SSF x Far_LoA	-10,227	-0,033	0,291
CHR11	13729639	CHR11:1372963(	SSF x Far_LoA	-9,575	0,099	0,277
CHR11	13729649	CHR11:1372964(	SSF x Far_LoA	-9,761	-0,130	0,284
CHR11	13734146	CHR11:1373414(	SSF x Far_LoA	-8,942	-0,038	0,300
CHR11	13734188	CHR11:1373418(	SSF x Far_LoA	-9,965	-0,046	0,295
CHR11	13734213	CHR11:1373421(	SSF x Far_LoA	-11,657	0,004	0,300
CHR11	13735543	CHR11:1373554(	SSF x Far_LoA	-11,324	-0,006	0,284
CHR11	13735547	CHR11:1373554(	SSF x Far_LoA	-5,132	0,042	0,301
CHR11	13735566	CHR11:1373556(	SSF x Far_LoA	-8,125	-0,156	0,288

CHR11	13738278	CHR11:13738278	SSF x Far_LoA	-10,571	-0,112	0,279
CHR11	13749982	CHR11:13749982	SSF x Far_LoA	-8,991	-0,030	0,295
CHR11	13756621	CHR11:13756621	SSF x Far_LoA	-8,022	0,015	0,289
CHR11	13756631	CHR11:13756631	SSF x Far_LoA	-9,828	-0,072	0,288
CHR11	13779079	CHR11:13779079	SSF x Far_LoA	-8,696	0,152	0,273
CHR11	13795251	CHR11:13795251	SSF x Far_LoA	-9,322	-0,021	0,310
CHR11	13799596	CHR11:13799596	SSF x Far_LoA	-8,374	0,142	0,288
CHR11	13823288	CHR11:13823288	SSF x Far_LoA	-9,878	0,139	0,292
CHR11	13846803	CHR11:13846803	SSF x Far_LoA	-7,869	0,123	0,269
CHR11	13846883	CHR11:13846883	SSF x Far_LoA	-4,411	0,059	0,282
CHR11	1386271	CHR11:1386271	SSF x Far_LoA	-9,145	-0,010	0,292
CHR11	1386334	CHR11:1386334	SSF x Far_LoA	-5,093	-0,001	0,277
CHR11	13871523	CHR11:13871523	SSF x Far_LoA	-8,883	-0,042	0,277
CHR11	13871524	CHR11:13871524	SSF x Far_LoA	-11,040	-0,018	0,286
CHR11	13873550	CHR11:13873550	SSF x Far_LoA	-11,606	0,000	0,295
CHR11	13887726	CHR11:13887726	SSF x Far_LoA	-9,491	0,125	0,301
CHR11	13887727	CHR11:13887727	SSF x Far_LoA	-9,517	-0,017	0,284
CHR11	13887770	CHR11:13887770	SSF x Far_LoA	-9,689	-0,070	0,288
CHR11	13887922	CHR11:13887922	SSF x Far_LoA	-12,364	0,025	0,289
CHR11	13887973	CHR11:13887973	SSF x Far_LoA	-9,836	-0,046	0,296
CHR11	13894874	CHR11:13894874	SSF x Far_LoA	-2,688	0,098	0,293
CHR11	13894882	CHR11:13894882	SSF x Far_LoA	-7,932	0,111	0,289
CHR11	13894893	CHR11:13894893	SSF x Far_LoA	-9,304	-0,004	0,298
CHR11	13894900	CHR11:13894900	SSF x Far_LoA	-9,206	-0,064	0,297
CHR11	13894924	CHR11:13894924	SSF x Far_LoA	-8,457	0,000	0,288
CHR11	13894949	CHR11:13894949	SSF x Far_LoA	-9,330	-0,006	0,297
CHR11	13894991	CHR11:13894991	SSF x Far_LoA	-6,985	-0,025	0,294
CHR11	13895018	CHR11:13895018	SSF x Far_LoA	-10,606	-0,072	0,304
CHR11	13895088	CHR11:13895088	SSF x Far_LoA	-8,573	-0,038	0,295
CHR11	13895102	CHR11:13895102	SSF x Far_LoA	-7,857	-0,065	0,316
CHR11	13896622	CHR11:13896622	SSF x Far_LoA	-8,314	-0,097	0,300
CHR11	13896721	CHR11:13896721	SSF x Far_LoA	-8,407	0,009	0,300
CHR11	13897621	CHR11:13897621	SSF x Far_LoA	-7,663	0,148	0,281
CHR11	13897646	CHR11:13897646	SSF x Far_LoA	-5,124	0,078	0,296
CHR11	13897648	CHR11:13897648	SSF x Far_LoA	-8,817	0,106	0,286
CHR11	13897654	CHR11:13897654	SSF x Far_LoA	-8,182	-0,096	0,276
CHR11	13903077	CHR11:13903077	SSF x Far_LoA	-11,506	0,013	0,278
CHR11	13903159	CHR11:13903159	SSF x Far_LoA	-9,250	-0,089	0,285
CHR11	13904312	CHR11:13904312	SSF x Far_LoA	-7,224	-0,062	0,302
CHR11	13907013	CHR11:13907013	SSF x Far_LoA	-10,383	0,083	0,290
CHR11	13928047	CHR11:13928047	SSF x Far_LoA	-9,466	-0,082	0,286
CHR11	13928107	CHR11:13928107	SSF x Far_LoA	-8,065	-0,118	0,282
CHR11	13928110	CHR11:13928110	SSF x Far_LoA	-9,639	0,059	0,306
CHR11	13928150	CHR11:13928150	SSF x Far_LoA	-7,077	0,047	0,311
CHR11	13928183	CHR11:13928183	SSF x Far_LoA	-9,170	0,095	0,288
CHR11	13928189	CHR11:13928189	SSF x Far_LoA	-9,699	-0,132	0,274
CHR11	13928205	CHR11:13928205	SSF x Far_LoA	-6,656	-0,121	0,291
CHR11	13928209	CHR11:13928209	SSF x Far_LoA	-9,853	-0,142	0,286
CHR11	13937220	CHR11:13937220	SSF x Far_LoA	-9,830	-0,023	0,274
CHR11	13937306	CHR11:13937306	SSF x Far_LoA	-9,430	0,020	0,275
CHR11	13937333	CHR11:13937333	SSF x Far_LoA	-11,970	-0,009	0,301
CHR11	13937419	CHR11:13937419	SSF x Far_LoA	-9,139	-0,072	0,275
CHR11	13953660	CHR11:13953660	SSF x Far_LoA	-11,495	0,036	0,282

CHR11	13955433	CHR11:13955433	SSF x Far_LoA	-10,088	-0,111	0,277
CHR11	13955514	CHR11:13955514	SSF x Far_LoA	-10,387	-0,029	0,297
CHR11	13955528	CHR11:13955528	SSF x Far_LoA	-8,281	0,091	0,298
CHR11	13955588	CHR11:13955588	SSF x Far_LoA	-8,105	0,076	0,270
CHR11	13964130	CHR11:13964130	SSF x Far_LoA	1,613	-0,067	0,307
CHR11	13964152	CHR11:13964152	SSF x Far_LoA	-9,433	-0,022	0,290
CHR11	13968799	CHR11:13968799	SSF x Far_LoA	-5,027	-0,180	0,285
CHR11	13973036	CHR11:13973036	SSF x Far_LoA	-9,102	0,101	0,287
CHR11	13973087	CHR11:13973087	SSF x Far_LoA	-7,945	-0,065	0,299
CHR11	13998792	CHR11:13998792	SSF x Far_LoA	-11,281	0,111	0,274
CHR11	13998807	CHR11:13998807	SSF x Far_LoA	-11,374	-0,095	0,284
CHR11	13998822	CHR11:13998822	SSF x Far_LoA	-10,740	0,003	0,279
CHR11	13998831	CHR11:13998831	SSF x Far_LoA	-8,215	0,084	0,289
CHR11	13998832	CHR11:13998832	SSF x Far_LoA	-8,617	-0,018	0,296
CHR11	13998855	CHR11:13998855	SSF x Far_LoA	-10,559	-0,012	0,270
CHR11	13998919	CHR11:13998919	SSF x Far_LoA	-6,935	0,162	0,279
CHR11	14015305	CHR11:14015305	SSF x Far_LoA	-8,928	0,025	0,300
CHR11	14028662	CHR11:14028662	SSF x Far_LoA	-5,253	-0,167	0,290
CHR11	14028708	CHR11:14028708	SSF x Far_LoA	-1,916	-0,195	0,283
CHR11	14028749	CHR11:14028749	SSF x Far_LoA	-9,720	-0,081	0,293
CHR11	14028838	CHR11:14028838	SSF x Far_LoA	-8,836	-0,069	0,295
CHR11	14028954	CHR11:14028954	SSF x Far_LoA	-8,455	-0,120	0,282
CHR11	14035303	CHR11:14035303	SSF x Far_LoA	-8,666	0,059	0,291
CHR11	14043307	CHR11:14043307	SSF x Far_LoA	-10,786	-0,002	0,284
CHR11	14043482	CHR11:14043482	SSF x Far_LoA	-10,485	-0,010	0,293
CHR11	14048213	CHR11:14048213	SSF x Far_LoA	-7,580	-0,062	0,286
CHR11	14048214	CHR11:14048214	SSF x Far_LoA	-6,441	0,129	0,292
CHR11	14048234	CHR11:14048234	SSF x Far_LoA	-4,557	0,237	0,271
CHR11	14048286	CHR11:14048286	SSF x Far_LoA	-10,785	-0,002	0,286
CHR11	14048294	CHR11:14048294	SSF x Far_LoA	-9,889	0,004	0,266
CHR11	14048324	CHR11:14048324	SSF x Far_LoA	-9,860	-0,016	0,302
CHR11	14055723	CHR11:14055723	SSF x Far_LoA	-10,960	0,064	0,304
CHR11	14055788	CHR11:14055788	SSF x Far_LoA	-11,500	0,002	0,293
CHR11	14064348	CHR11:14064348	SSF x Far_LoA	-10,557	0,007	0,289
CHR11	14065201	CHR11:14065201	SSF x Far_LoA	-7,653	0,125	0,272
CHR11	14097904	CHR11:14097904	SSF x Far_LoA	-10,810	-0,014	0,274
CHR11	14098117	CHR11:14098117	SSF x Far_LoA	-10,388	-0,086	0,284
CHR11	14124437	CHR11:14124437	SSF x Far_LoA	-10,603	0,038	0,293
CHR11	14133483	CHR11:14133483	SSF x Far_LoA	-11,066	0,032	0,289
CHR11	14168369	CHR11:14168369	SSF x Far_LoA	-8,050	0,154	0,279
CHR11	14168561	CHR11:14168561	SSF x Far_LoA	-8,006	0,162	0,285
CHR11	14168576	CHR11:14168576	SSF x Far_LoA	-8,655	-0,021	0,296
CHR11	14168614	CHR11:14168614	SSF x Far_LoA	-9,419	-0,131	0,284
CHR11	14181750	CHR11:14181750	SSF x Far_LoA	-10,063	-0,001	0,300
CHR11	1418414	CHR11:1418414	SSF x Far_LoA	-10,187	-0,059	0,297
CHR11	14184630	CHR11:14184630	SSF x Far_LoA	-7,787	-0,130	0,302
CHR11	1418701	CHR11:1418701	SSF x Far_LoA	-7,474	0,045	0,298
CHR11	1418812	CHR11:1418812	SSF x Far_LoA	-9,228	0,056	0,292
CHR11	14191073	CHR11:14191073	SSF x Far_LoA	-7,849	-0,064	0,292
CHR11	14191254	CHR11:14191254	SSF x Far_LoA	-6,890	-0,123	0,274
CHR11	14191257	CHR11:14191257	SSF x Far_LoA	-8,321	0,013	0,305
CHR11	14191261	CHR11:14191261	SSF x Far_LoA	-10,635	-0,057	0,297
CHR11	14197850	CHR11:14197850	SSF x Far_LoA	-9,082	0,024	0,304

CHR11	14204793	CHR11:14204793	SSF x Far_LoA	-9,665	-0,115	0,288
CHR11	1422594	CHR11:1422594	SSF x Far_LoA	-8,973	0,114	0,282
CHR11	1422611	CHR11:1422611	SSF x Far_LoA	-8,052	0,027	0,309
CHR11	14226536	CHR11:14226536	SSF x Far_LoA	-8,984	0,075	0,282
CHR11	14226544	CHR11:14226544	SSF x Far_LoA	-9,036	0,060	0,292
CHR11	14226563	CHR11:14226563	SSF x Far_LoA	-7,468	-0,108	0,293
CHR11	14226654	CHR11:14226654	SSF x Far_LoA	-10,651	0,056	0,287
CHR11	14226657	CHR11:14226657	SSF x Far_LoA	-8,931	-0,043	0,289
CHR11	14240962	CHR11:14240962	SSF x Far_LoA	-12,165	0,020	0,284
CHR11	14252930	CHR11:14252930	SSF x Far_LoA	-8,076	-0,056	0,295
CHR11	1425434	CHR11:1425434	SSF x Far_LoA	-10,951	-0,094	0,290
CHR11	1425506	CHR11:1425506	SSF x Far_LoA	-11,016	-0,069	0,297
CHR11	14255844	CHR11:14255844	SSF x Far_LoA	-8,989	0,041	0,295
CHR11	14255939	CHR11:14255939	SSF x Far_LoA	-10,765	-0,065	0,289
CHR11	1429769	CHR11:1429769	SSF x Far_LoA	-8,377	0,087	0,290
CHR11	1429965	CHR11:1429965	SSF x Far_LoA	-8,519	-0,052	0,300
CHR11	1430050	CHR11:1430050	SSF x Far_LoA	-3,182	-0,067	0,301
CHR11	1436675	CHR11:1436675	SSF x Far_LoA	-9,457	0,030	0,294
CHR11	1436771	CHR11:1436771	SSF x Far_LoA	-5,746	0,081	0,293
CHR11	1436959	CHR11:1436959	SSF x Far_LoA	-7,277	0,041	0,296
CHR11	1437007	CHR11:1437007	SSF x Far_LoA	-10,732	-0,051	0,303
CHR11	1437009	CHR11:1437009	SSF x Far_LoA	-10,571	0,022	0,295
CHR11	1437014	CHR11:1437014	SSF x Far_LoA	-9,854	0,036	0,290
CHR11	1437020	CHR11:1437020	SSF x Far_LoA	-9,734	0,010	0,303
CHR11	1437075	CHR11:1437075	SSF x Far_LoA	-6,180	-0,130	0,295
CHR11	1437083	CHR11:1437083	SSF x Far_LoA	-6,963	0,141	0,284
CHR11	1446375	CHR11:1446375	SSF x Far_LoA	-7,497	0,155	0,280
CHR11	1446471	CHR11:1446471	SSF x Far_LoA	-9,902	0,046	0,286
CHR11	1446526	CHR11:1446526	SSF x Far_LoA	-7,873	-0,038	0,291
CHR11	1446564	CHR11:1446564	SSF x Far_LoA	-8,250	0,154	0,278
CHR11	1471807	CHR11:1471807	SSF x Far_LoA	-10,184	0,006	0,287
CHR11	1471896	CHR11:1471896	SSF x Far_LoA	-8,687	0,029	0,298
CHR11	1471929	CHR11:1471929	SSF x Far_LoA	-8,940	0,039	0,269
CHR11	1471945	CHR11:1471945	SSF x Far_LoA	-10,732	-0,089	0,275
CHR11	1474826	CHR11:1474826	SSF x Far_LoA	-10,074	0,062	0,304
CHR11	1475109	CHR11:1475109	SSF x Far_LoA	-9,055	0,003	0,299
CHR11	1475121	CHR11:1475121	SSF x Far_LoA	-10,884	0,024	0,292
CHR11	1475122	CHR11:1475122	SSF x Far_LoA	-8,022	0,032	0,301
CHR11	1475141	CHR11:1475141	SSF x Far_LoA	-10,320	0,081	0,304
CHR11	1475169	CHR11:1475169	SSF x Far_LoA	-10,465	0,073	0,292
CHR11	1490029	CHR11:1490029	SSF x Far_LoA	-6,147	0,170	0,287
CHR11	1507999	CHR11:1507999	SSF x Far_LoA	-10,602	0,032	0,302
CHR11	1508000	CHR11:1508000	SSF x Far_LoA	-9,897	0,059	0,288
CHR11	1508009	CHR11:1508009	SSF x Far_LoA	-10,799	-0,054	0,271
CHR11	1515204	CHR11:1515204	SSF x Far_LoA	-10,926	0,023	0,295
CHR11	1515206	CHR11:1515206	SSF x Far_LoA	-7,228	-0,020	0,295
CHR11	1515210	CHR11:1515210	SSF x Far_LoA	-5,578	0,014	0,297
CHR11	1515226	CHR11:1515226	SSF x Far_LoA	-8,756	-0,086	0,295
CHR11	1515322	CHR11:1515322	SSF x Far_LoA	-10,783	0,065	0,288
CHR11	1515339	CHR11:1515339	SSF x Far_LoA	-8,896	0,067	0,286
CHR11	1515341	CHR11:1515341	SSF x Far_LoA	-9,297	0,051	0,283
CHR11	1515356	CHR11:1515356	SSF x Far_LoA	-2,012	0,004	0,284
CHR11	1515371	CHR11:1515371	SSF x Far_LoA	-9,757	0,058	0,289

CHR11	1515378	CHR11:1515378	SSF x Far_LoA	-6,263	-0,100	0,294
CHR11	1515423	CHR11:1515423	SSF x Far_LoA	-9,291	0,125	0,280
CHR11	1515525	CHR11:1515525	SSF x Far_LoA	-8,531	0,108	0,303
CHR11	1515539	CHR11:1515539	SSF x Far_LoA	-6,669	-0,180	0,266
CHR11	1515541	CHR11:1515541	SSF x Far_LoA	-9,343	-0,158	0,276
CHR11	1515546	CHR11:1515546	SSF x Far_LoA	-8,240	-0,036	0,284
CHR11	1538360	CHR11:1538360	SSF x Far_LoA	-7,724	0,094	0,289
CHR11	1538393	CHR11:1538393	SSF x Far_LoA	-9,068	0,009	0,280
CHR11	1547019	CHR11:1547019	SSF x Far_LoA	-11,709	0,050	0,273
CHR11	1547039	CHR11:1547039	SSF x Far_LoA	-8,599	-0,018	0,292
CHR11	1547043	CHR11:1547043	SSF x Far_LoA	-8,000	-0,122	0,278
CHR11	1547146	CHR11:1547146	SSF x Far_LoA	-7,222	-0,166	0,278
CHR11	1547277	CHR11:1547277	SSF x Far_LoA	-8,155	0,087	0,276
CHR11	1547279	CHR11:1547279	SSF x Far_LoA	-6,378	0,047	0,290
CHR11	1550997	CHR11:1550997	SSF x Far_LoA	-10,194	0,054	0,285
CHR11	1551191	CHR11:1551191	SSF x Far_LoA	-0,710	0,013	0,302
CHR11	1551195	CHR11:1551195	SSF x Far_LoA	-8,849	0,052	0,280
CHR11	1551197	CHR11:1551197	SSF x Far_LoA	-12,032	0,010	0,294
CHR11	1551217	CHR11:1551217	SSF x Far_LoA	-9,491	0,034	0,309
CHR11	1576342	CHR11:1576342	SSF x Far_LoA	-10,566	-0,023	0,291
CHR11	1576382	CHR11:1576382	SSF x Far_LoA	9,731	0,080	0,299
CHR11	1576461	CHR11:1576461	SSF x Far_LoA	-8,222	0,053	0,280
CHR11	15812545	CHR11:15812545	SSF x Far_LoA	-10,776	-0,057	0,289
CHR11	158800	CHR11:158800	SSF x Far_LoA	-6,765	0,045	0,310
CHR11	158853	CHR11:158853	SSF x Far_LoA	-9,711	0,080	0,293
CHR11	158922	CHR11:158922	SSF x Far_LoA	-5,228	-0,159	0,286
CHR11	1592108	CHR11:1592108	SSF x Far_LoA	-9,625	-0,056	0,280
CHR11	1592154	CHR11:1592154	SSF x Far_LoA	-10,947	0,067	0,282
CHR11	1592299	CHR11:1592299	SSF x Far_LoA	-11,073	-0,064	0,273
CHR11	1592454	CHR11:1592454	SSF x Far_LoA	-7,290	-0,106	0,286
CHR11	1592467	CHR11:1592467	SSF x Far_LoA	-8,871	0,118	0,289
CHR11	1602586	CHR11:1602586	SSF x Far_LoA	-5,860	-0,118	0,289
CHR11	1602595	CHR11:1602595	SSF x Far_LoA	-9,968	-0,109	0,290
CHR11	1602607	CHR11:1602607	SSF x Far_LoA	-11,443	-0,118	0,278
CHR11	1610785	CHR11:1610785	SSF x Far_LoA	-10,863	-0,076	0,306
CHR11	16342067	CHR11:16342067	SSF x Far_LoA	-6,616	-0,130	0,299
CHR11	16364658	CHR11:16364658	SSF x Far_LoA	-11,873	0,025	0,291
CHR11	16364726	CHR11:16364726	SSF x Far_LoA	-7,817	0,074	0,295
CHR11	16379096	CHR11:16379096	SSF x Far_LoA	-10,722	-0,057	0,286
CHR11	16415974	CHR11:16415974	SSF x Far_LoA	-8,523	-0,008	0,297
CHR11	16424772	CHR11:16424772	SSF x Far_LoA	-8,780	0,011	0,296
CHR11	16424819	CHR11:16424819	SSF x Far_LoA	-7,059	0,023	0,309
CHR11	16425000	CHR11:16425000	SSF x Far_LoA	-9,178	-0,060	0,280
CHR11	16425020	CHR11:16425020	SSF x Far_LoA	-8,787	-0,031	0,283
CHR11	16425069	CHR11:16425069	SSF x Far_LoA	-8,677	0,009	0,290
CHR11	16443921	CHR11:16443921	SSF x Far_LoA	-10,487	-0,042	0,284
CHR11	16444054	CHR11:16444054	SSF x Far_LoA	-9,497	-0,055	0,297
CHR11	16446394	CHR11:16446394	SSF x Far_LoA	-9,746	-0,049	0,284
CHR11	16446404	CHR11:16446404	SSF x Far_LoA	-10,277	-0,045	0,296
CHR11	16448519	CHR11:16448519	SSF x Far_LoA	-6,267	-0,012	0,299
CHR11	16448578	CHR11:16448578	SSF x Far_LoA	-10,047	0,070	0,287
CHR11	16448749	CHR11:16448749	SSF x Far_LoA	-9,780	-0,013	0,299
CHR11	16448750	CHR11:16448750	SSF x Far_LoA	-9,125	-0,064	0,294

CHR11	16467889	CHR11:16467889	SSF x Far_LoA	-10,980	-0,017	0,285
CHR11	16467917	CHR11:16467917	SSF x Far_LoA	-5,713	-0,037	0,291
CHR11	16467944	CHR11:16467944	SSF x Far_LoA	-10,620	-0,012	0,289
CHR11	16483171	CHR11:16483171	SSF x Far_LoA	-8,200	-0,030	0,287
CHR11	16483188	CHR11:16483188	SSF x Far_LoA	-9,031	-0,013	0,285
CHR11	16483238	CHR11:16483238	SSF x Far_LoA	-11,777	0,002	0,289
CHR11	16483270	CHR11:16483270	SSF x Far_LoA	-7,852	-0,142	0,277
CHR11	16483346	CHR11:16483346	SSF x Far_LoA	-4,333	-0,109	0,274
CHR11	16483372	CHR11:16483372	SSF x Far_LoA	-4,636	-0,160	0,273
CHR11	16484435	CHR11:16484435	SSF x Far_LoA	-10,856	-0,021	0,287
CHR11	16484472	CHR11:16484472	SSF x Far_LoA	-7,479	-0,096	0,290
CHR11	16484584	CHR11:16484584	SSF x Far_LoA	-9,147	-0,069	0,290
CHR11	16543517	CHR11:16543517	SSF x Far_LoA	-9,001	-0,039	0,283
CHR11	16543556	CHR11:16543556	SSF x Far_LoA	-9,574	-0,046	0,288
CHR11	16543567	CHR11:16543567	SSF x Far_LoA	-10,335	0,050	0,288
CHR11	16543597	CHR11:16543597	SSF x Far_LoA	-9,475	-0,083	0,291
CHR11	16543622	CHR11:16543622	SSF x Far_LoA	-10,214	-0,053	0,283
CHR11	16543637	CHR11:16543637	SSF x Far_LoA	-9,371	-0,076	0,282
CHR11	16543667	CHR11:16543667	SSF x Far_LoA	-9,073	-0,026	0,294
CHR11	16543756	CHR11:16543756	SSF x Far_LoA	-7,697	-0,008	0,299
CHR11	16543758	CHR11:16543758	SSF x Far_LoA	-8,984	0,033	0,294
CHR11	16546571	CHR11:16546571	SSF x Far_LoA	-5,462	0,171	0,292
CHR11	16546600	CHR11:16546600	SSF x Far_LoA	-6,810	-0,082	0,290
CHR11	16546661	CHR11:16546661	SSF x Far_LoA	-9,534	-0,036	0,288
CHR11	16585842	CHR11:16585842	SSF x Far_LoA	-9,459	-0,043	0,298
CHR11	16585882	CHR11:16585882	SSF x Far_LoA	-4,104	-0,075	0,304
CHR11	16585910	CHR11:16585910	SSF x Far_LoA	-9,573	-0,014	0,311
CHR11	16585962	CHR11:16585962	SSF x Far_LoA	-9,870	0,009	0,290
CHR11	16585988	CHR11:16585988	SSF x Far_LoA	-5,220	0,036	0,286
CHR11	16587508	CHR11:16587508	SSF x Far_LoA	-8,121	0,120	0,301
CHR11	16587588	CHR11:16587588	SSF x Far_LoA	-9,609	-0,011	0,289
CHR11	16587618	CHR11:16587618	SSF x Far_LoA	-12,143	-0,024	0,284
CHR11	16596339	CHR11:16596339	SSF x Far_LoA	-9,654	-0,001	0,301
CHR11	16596340	CHR11:16596340	SSF x Far_LoA	-9,718	0,006	0,295
CHR11	16596440	CHR11:16596440	SSF x Far_LoA	-8,481	-0,052	0,293
CHR11	16596444	CHR11:16596444	SSF x Far_LoA	-11,627	-0,040	0,281
CHR11	16610141	CHR11:16610141	SSF x Far_LoA	-6,703	-0,032	0,283
CHR11	16610213	CHR11:16610213	SSF x Far_LoA	-10,687	-0,027	0,289
CHR11	16613819	CHR11:16613819	SSF x Far_LoA	-9,059	-0,069	0,295
CHR11	16613901	CHR11:16613901	SSF x Far_LoA	-10,063	0,016	0,291
CHR11	16613936	CHR11:16613936	SSF x Far_LoA	-11,848	0,023	0,283
CHR11	16613991	CHR11:16613991	SSF x Far_LoA	-9,132	-0,039	0,298
CHR11	16649007	CHR11:16649007	SSF x Far_LoA	-8,641	-0,113	0,282
CHR11	16649063	CHR11:16649063	SSF x Far_LoA	-10,640	0,068	0,284
CHR11	16665526	CHR11:16665526	SSF x Far_LoA	-9,630	-0,091	0,294
CHR11	16688334	CHR11:16688334	SSF x Far_LoA	-10,820	0,044	0,286
CHR11	16694237	CHR11:16694237	SSF x Far_LoA	-6,746	-0,086	0,298
CHR11	16697781	CHR11:16697781	SSF x Far_LoA	-10,646	-0,009	0,289
CHR11	16697845	CHR11:16697845	SSF x Far_LoA	-8,684	0,085	0,263
CHR11	16697851	CHR11:16697851	SSF x Far_LoA	-7,781	-0,102	0,276
CHR11	16722282	CHR11:16722282	SSF x Far_LoA	-10,092	0,017	0,295
CHR11	16724607	CHR11:16724607	SSF x Far_LoA	-9,725	-0,100	0,292
CHR11	16724608	CHR11:16724608	SSF x Far_LoA	-7,178	-0,106	0,286

CHR11	16729476	CHR11:16729476	SSF x Far_LoA	-8,243	-0,122	0,290
CHR11	16729530	CHR11:16729530	SSF x Far_LoA	-8,163	-0,023	0,300
CHR11	16729531	CHR11:16729531	SSF x Far_LoA	-11,984	-0,001	0,277
CHR11	16729595	CHR11:16729595	SSF x Far_LoA	-8,800	0,015	0,295
CHR11	16729645	CHR11:16729645	SSF x Far_LoA	-12,205	0,028	0,283
CHR11	16729768	CHR11:16729768	SSF x Far_LoA	-10,360	0,092	0,292
CHR11	16732239	CHR11:16732239	SSF x Far_LoA	-11,224	0,039	0,284
CHR11	16732441	CHR11:16732441	SSF x Far_LoA	-8,455	-0,076	0,296
CHR11	16732496	CHR11:16732496	SSF x Far_LoA	-12,264	-0,023	0,296
CHR11	1677220	CHR11:1677220	SSF x Far_LoA	-7,555	-0,116	0,293
CHR11	1677352	CHR11:1677352	SSF x Far_LoA	-10,051	-0,136	0,285
CHR11	1677363	CHR11:1677363	SSF x Far_LoA	-10,127	0,116	0,288
CHR11	16785848	CHR11:16785848	SSF x Far_LoA	-11,307	0,015	0,297
CHR11	16785882	CHR11:16785882	SSF x Far_LoA	-9,655	-0,009	0,300
CHR11	16790015	CHR11:16790015	SSF x Far_LoA	-10,222	-0,042	0,295
CHR11	1679957	CHR11:1679957	SSF x Far_LoA	-9,695	-0,044	0,291
CHR11	1680089	CHR11:1680089	SSF x Far_LoA	-8,572	0,109	0,276
CHR11	1680239	CHR11:1680239	SSF x Far_LoA	-9,926	0,088	0,288
CHR11	16832300	CHR11:16832300	SSF x Far_LoA	-8,004	-0,062	0,290
CHR11	16832301	CHR11:16832301	SSF x Far_LoA	-9,624	-0,064	0,285
CHR11	16832373	CHR11:16832373	SSF x Far_LoA	-8,810	-0,080	0,310
CHR11	16832374	CHR11:16832374	SSF x Far_LoA	-9,702	-0,049	0,314
CHR11	16832385	CHR11:16832385	SSF x Far_LoA	-10,608	-0,033	0,305
CHR11	16832409	CHR11:16832409	SSF x Far_LoA	-9,175	-0,073	0,297
CHR11	16832430	CHR11:16832430	SSF x Far_LoA	-7,377	0,127	0,283
CHR11	16884186	CHR11:16884186	SSF x Far_LoA	-9,570	-0,023	0,299
CHR11	16884242	CHR11:16884242	SSF x Far_LoA	10,211	0,135	0,285
CHR11	16884251	CHR11:16884251	SSF x Far_LoA	-7,661	0,208	0,278
CHR11	16884732	CHR11:16884732	SSF x Far_LoA	-8,951	0,053	0,297
CHR11	16884752	CHR11:16884752	SSF x Far_LoA	-9,562	0,035	0,285
CHR11	16884813	CHR11:16884813	SSF x Far_LoA	-10,040	-0,027	0,290
CHR11	16884815	CHR11:16884815	SSF x Far_LoA	-8,603	0,058	0,294
CHR11	16884829	CHR11:16884829	SSF x Far_LoA	-3,964	0,055	0,287
CHR11	16884830	CHR11:16884830	SSF x Far_LoA	-8,550	-0,058	0,292
CHR11	16886741	CHR11:16886741	SSF x Far_LoA	-9,339	-0,092	0,274
CHR11	16886743	CHR11:16886743	SSF x Far_LoA	-9,331	0,034	0,302
CHR11	16886749	CHR11:16886749	SSF x Far_LoA	-8,355	0,049	0,296
CHR11	16886888	CHR11:16886888	SSF x Far_LoA	-7,720	0,010	0,285
CHR11	16886952	CHR11:16886952	SSF x Far_LoA	-9,704	0,010	0,274
CHR11	16889405	CHR11:16889405	SSF x Far_LoA	-7,470	-0,120	0,273
CHR11	16889432	CHR11:16889432	SSF x Far_LoA	-9,328	-0,043	0,273
CHR11	16889443	CHR11:16889443	SSF x Far_LoA	-8,288	-0,047	0,281
CHR11	16889449	CHR11:16889449	SSF x Far_LoA	-9,485	-0,039	0,274
CHR11	16889475	CHR11:16889475	SSF x Far_LoA	-8,338	-0,046	0,289
CHR11	16889501	CHR11:16889501	SSF x Far_LoA	-9,154	-0,069	0,291
CHR11	16889534	CHR11:16889534	SSF x Far_LoA	-8,184	-0,050	0,275
CHR11	16904239	CHR11:16904239	SSF x Far_LoA	-10,327	-0,083	0,290
CHR11	16904272	CHR11:16904272	SSF x Far_LoA	-7,745	-0,076	0,272
CHR11	1691749	CHR11:1691749	SSF x Far_LoA	-9,079	0,009	0,293
CHR11	1691827	CHR11:1691827	SSF x Far_LoA	-11,597	0,012	0,287
CHR11	16922699	CHR11:16922699	SSF x Far_LoA	-10,224	0,085	0,306
CHR11	16929067	CHR11:16929067	SSF x Far_LoA	-9,260	-0,096	0,282
CHR11	16929141	CHR11:16929141	SSF x Far_LoA	-7,695	0,029	0,285

CHR11	16929185	CHR11:16929185	SSF x Far_LoA	-9,893	-0,100	0,284
CHR11	16929186	CHR11:16929186	SSF x Far_LoA	-9,462	-0,045	0,294
CHR11	16929190	CHR11:16929190	SSF x Far_LoA	-7,560	-0,160	0,298
CHR11	1693691	CHR11:1693691	SSF x Far_LoA	-7,124	-0,063	0,286
CHR11	1693741	CHR11:1693741	SSF x Far_LoA	-9,404	0,009	0,283
CHR11	1693773	CHR11:1693773	SSF x Far_LoA	-9,636	-0,026	0,290
CHR11	16952383	CHR11:16952383	SSF x Far_LoA	-12,151	0,004	0,269
CHR11	17010264	CHR11:17010264	SSF x Far_LoA	-9,018	-0,125	0,286
CHR11	17010328	CHR11:17010328	SSF x Far_LoA	-9,934	0,021	0,273
CHR11	17010391	CHR11:17010391	SSF x Far_LoA	-7,182	0,086	0,297
CHR11	17014054	CHR11:17014054	SSF x Far_LoA	-10,452	0,057	0,286
CHR11	17014082	CHR11:17014082	SSF x Far_LoA	-9,769	-0,026	0,286
CHR11	17015709	CHR11:17015709	SSF x Far_LoA	-8,391	0,060	0,294
CHR11	17036192	CHR11:17036192	SSF x Far_LoA	-8,409	0,000	0,294
CHR11	17046087	CHR11:17046087	SSF x Far_LoA	-9,772	-0,085	0,259
CHR11	17046095	CHR11:17046095	SSF x Far_LoA	-10,163	-0,048	0,280
CHR11	17046105	CHR11:17046105	SSF x Far_LoA	-2,144	-0,113	0,295
CHR11	17046215	CHR11:17046215	SSF x Far_LoA	-3,853	-0,261	0,278
CHR11	17046228	CHR11:17046228	SSF x Far_LoA	-7,259	0,228	0,278
CHR11	17046238	CHR11:17046238	SSF x Far_LoA	-9,488	-0,019	0,291
CHR11	17058872	CHR11:17058872	SSF x Far_LoA	-7,709	-0,107	0,299
CHR11	1709118	CHR11:1709118	SSF x Far_LoA	-8,418	0,020	0,294
CHR11	1709295	CHR11:1709295	SSF x Far_LoA	-8,172	0,125	0,293
CHR11	17100504	CHR11:17100504	SSF x Far_LoA	-9,403	0,054	0,301
CHR11	17106391	CHR11:17106391	SSF x Far_LoA	-8,015	-0,069	0,290
CHR11	17106507	CHR11:17106507	SSF x Far_LoA	-7,693	-0,119	0,302
CHR11	17106534	CHR11:17106534	SSF x Far_LoA	-9,088	0,069	0,288
CHR11	17106562	CHR11:17106562	SSF x Far_LoA	-8,267	0,101	0,293
CHR11	17106581	CHR11:17106581	SSF x Far_LoA	-7,598	0,130	0,291
CHR11	17120356	CHR11:17120356	SSF x Far_LoA	-8,902	0,046	0,303
CHR11	17120384	CHR11:17120384	SSF x Far_LoA	-7,856	0,011	0,308
CHR11	17120413	CHR11:17120413	SSF x Far_LoA	-8,696	0,034	0,299
CHR11	17120442	CHR11:17120442	SSF x Far_LoA	-7,495	0,111	0,295
CHR11	17120503	CHR11:17120503	SSF x Far_LoA	-9,146	0,022	0,309
CHR11	17126968	CHR11:17126968	SSF x Far_LoA	-9,051	-0,148	0,279
CHR11	17126978	CHR11:17126978	SSF x Far_LoA	-7,253	-0,196	0,268
CHR11	17127021	CHR11:17127021	SSF x Far_LoA	-8,429	0,053	0,279
CHR11	17127056	CHR11:17127056	SSF x Far_LoA	-10,825	0,083	0,295
CHR11	17131069	CHR11:17131069	SSF x Far_LoA	-10,775	-0,087	0,276
CHR11	17131070	CHR11:17131070	SSF x Far_LoA	-7,468	-0,137	0,291
CHR11	17133678	CHR11:17133678	SSF x Far_LoA	-9,035	0,015	0,290
CHR11	17133814	CHR11:17133814	SSF x Far_LoA	-11,257	-0,001	0,290
CHR11	17133827	CHR11:17133827	SSF x Far_LoA	-7,587	-0,009	0,293
CHR11	17133854	CHR11:17133854	SSF x Far_LoA	-6,747	-0,026	0,290
CHR11	17133865	CHR11:17133865	SSF x Far_LoA	-9,155	-0,017	0,289
CHR11	17133874	CHR11:17133874	SSF x Far_LoA	-10,240	-0,037	0,284
CHR11	17133907	CHR11:17133907	SSF x Far_LoA	-8,064	-0,027	0,282
CHR11	17133927	CHR11:17133927	SSF x Far_LoA	-7,521	-0,015	0,286
CHR11	17139990	CHR11:17139990	SSF x Far_LoA	-8,982	0,042	0,310
CHR11	17140089	CHR11:17140089	SSF x Far_LoA	-8,748	-0,002	0,303
CHR11	17140099	CHR11:17140099	SSF x Far_LoA	-8,357	-0,006	0,311
CHR11	17140121	CHR11:17140121	SSF x Far_LoA	-9,856	0,035	0,294
CHR11	17143726	CHR11:17143726	SSF x Far_LoA	-8,865	0,069	0,298

CHR11	17143762	CHR11:17143762	SSF x Far_LoA	-7,518	-0,059	0,274
CHR11	17143932	CHR11:17143932	SSF x Far_LoA	-9,577	-0,113	0,266
CHR11	17160062	CHR11:17160062	SSF x Far_LoA	-10,886	-0,056	0,284
CHR11	17160113	CHR11:17160113	SSF x Far_LoA	-9,994	0,021	0,289
CHR11	17160155	CHR11:17160155	SSF x Far_LoA	-7,822	0,033	0,307
CHR11	17160160	CHR11:17160160	SSF x Far_LoA	-9,850	-0,090	0,293
CHR11	17160164	CHR11:17160164	SSF x Far_LoA	-10,494	-0,014	0,291
CHR11	1716023	CHR11:1716023	SSF x Far_LoA	-11,585	-0,091	0,289
CHR11	17160336	CHR11:17160336	SSF x Far_LoA	-11,492	-0,094	0,286
CHR11	1716044	CHR11:1716044	SSF x Far_LoA	-9,549	0,029	0,300
CHR11	1716126	CHR11:1716126	SSF x Far_LoA	-10,023	0,033	0,291
CHR11	17161386	CHR11:17161386	SSF x Far_LoA	-9,263	0,012	0,291
CHR11	17161423	CHR11:17161423	SSF x Far_LoA	-10,461	0,121	0,297
CHR11	17161482	CHR11:17161482	SSF x Far_LoA	-9,549	0,010	0,304
CHR11	17161501	CHR11:17161501	SSF x Far_LoA	-6,157	-0,100	0,296
CHR11	17161551	CHR11:17161551	SSF x Far_LoA	-10,406	0,002	0,290
CHR11	17165771	CHR11:17165771	SSF x Far_LoA	-9,533	0,016	0,297
CHR11	17165844	CHR11:17165844	SSF x Far_LoA	-8,966	-0,035	0,287
CHR11	17165848	CHR11:17165848	SSF x Far_LoA	-9,160	-0,064	0,280
CHR11	17165967	CHR11:17165967	SSF x Far_LoA	-8,166	-0,002	0,279
CHR11	17165995	CHR11:17165995	SSF x Far_LoA	-8,291	0,039	0,290
CHR11	17169119	CHR11:17169119	SSF x Far_LoA	-10,246	-0,004	0,287
CHR11	17169186	CHR11:17169186	SSF x Far_LoA	-9,645	-0,026	0,292
CHR11	17169228	CHR11:17169228	SSF x Far_LoA	-8,303	0,044	0,304
CHR11	17182432	CHR11:17182432	SSF x Far_LoA	-6,525	-0,007	0,305
CHR11	17182627	CHR11:17182627	SSF x Far_LoA	-11,902	-0,009	0,293
CHR11	17182633	CHR11:17182633	SSF x Far_LoA	-12,290	-0,026	0,280
CHR11	17182634	CHR11:17182634	SSF x Far_LoA	-11,828	-0,033	0,287
CHR11	17195878	CHR11:17195878	SSF x Far_LoA	-11,144	0,042	0,294
CHR11	17195890	CHR11:17195890	SSF x Far_LoA	-5,248	0,161	0,296
CHR11	17195970	CHR11:17195970	SSF x Far_LoA	-8,116	0,090	0,288
CHR11	17196021	CHR11:17196021	SSF x Far_LoA	-8,686	-0,085	0,288
CHR11	1720128	CHR11:1720128	SSF x Far_LoA	-10,587	-0,040	0,284
CHR11	1720231	CHR11:1720231	SSF x Far_LoA	-8,520	-0,057	0,270
CHR11	17214065	CHR11:17214065	SSF x Far_LoA	-9,665	0,110	0,275
CHR11	17214274	CHR11:17214274	SSF x Far_LoA	-9,743	0,045	0,294
CHR11	17218551	CHR11:17218551	SSF x Far_LoA	-9,694	-0,113	0,295
CHR11	17238514	CHR11:17238514	SSF x Far_LoA	-8,557	-0,109	0,291
CHR11	17254275	CHR11:17254275	SSF x Far_LoA	-7,338	-0,089	0,287
CHR11	17257856	CHR11:17257856	SSF x Far_LoA	-11,434	-0,024	0,286
CHR11	17258016	CHR11:17258016	SSF x Far_LoA	-11,898	0,015	0,289
CHR11	17258114	CHR11:17258114	SSF x Far_LoA	-11,672	0,002	0,285
CHR11	17286096	CHR11:17286096	SSF x Far_LoA	-10,358	-0,020	0,305
CHR11	17286098	CHR11:17286098	SSF x Far_LoA	-9,100	-0,004	0,295
CHR11	17295541	CHR11:17295541	SSF x Far_LoA	-8,419	-0,095	0,303
CHR11	17295615	CHR11:17295615	SSF x Far_LoA	-8,248	-0,082	0,293
CHR11	17295621	CHR11:17295621	SSF x Far_LoA	-7,756	-0,107	0,291
CHR11	17295635	CHR11:17295635	SSF x Far_LoA	-9,531	-0,053	0,302
CHR11	17295661	CHR11:17295661	SSF x Far_LoA	-8,985	-0,098	0,299
CHR11	17297746	CHR11:17297746	SSF x Far_LoA	-9,921	0,002	0,308
CHR11	17297949	CHR11:17297949	SSF x Far_LoA	-7,504	-0,001	0,283
CHR11	17310022	CHR11:17310022	SSF x Far_LoA	-9,348	0,032	0,296
CHR11	17310027	CHR11:17310027	SSF x Far_LoA	-7,322	0,061	0,288

CHR11	17310236	CHR11:17310236	SSF x Far_LoA	-11,542	-0,015	0,299
CHR11	17310249	CHR11:17310249	SSF x Far_LoA	-9,386	0,037	0,297
CHR11	17310264	CHR11:17310264	SSF x Far_LoA	-6,798	0,063	0,297
CHR11	17310267	CHR11:17310267	SSF x Far_LoA	-10,422	0,040	0,288
CHR11	17310268	CHR11:17310268	SSF x Far_LoA	-9,194	0,060	0,288
CHR11	17327524	CHR11:17327524	SSF x Far_LoA	-9,900	0,186	0,271
CHR11	17327532	CHR11:17327532	SSF x Far_LoA	-7,389	0,158	0,287
CHR11	17343854	CHR11:17343854	SSF x Far_LoA	-11,857	0,014	0,286
CHR11	17343908	CHR11:17343908	SSF x Far_LoA	-10,006	0,015	0,302
CHR11	17343957	CHR11:17343957	SSF x Far_LoA	-10,773	0,021	0,301
CHR11	1735192	CHR11:1735192	SSF x Far_LoA	-10,072	0,097	0,279
CHR11	17352599	CHR11:17352599	SSF x Far_LoA	-8,897	0,018	0,299
CHR11	1735264	CHR11:1735264	SSF x Far_LoA	-10,002	0,120	0,297
CHR11	17352808	CHR11:17352808	SSF x Far_LoA	-8,147	0,068	0,299
CHR11	17352878	CHR11:17352878	SSF x Far_LoA	-9,028	-0,175	0,278
CHR11	17352976	CHR11:17352976	SSF x Far_LoA	-8,475	-0,183	0,274
CHR11	17356374	CHR11:17356374	SSF x Far_LoA	-10,609	0,069	0,299
CHR11	17356473	CHR11:17356473	SSF x Far_LoA	-8,246	0,043	0,276
CHR11	1736708	CHR11:1736708	SSF x Far_LoA	-6,358	0,113	0,285
CHR11	1736788	CHR11:1736788	SSF x Far_LoA	-6,175	0,063	0,288
CHR11	1736794	CHR11:1736794	SSF x Far_LoA	-10,329	0,058	0,278
CHR11	1736824	CHR11:1736824	SSF x Far_LoA	-10,830	0,038	0,294
CHR11	17381190	CHR11:17381190	SSF x Far_LoA	-9,426	-0,053	0,283
CHR11	17381192	CHR11:17381192	SSF x Far_LoA	-12,297	0,021	0,288
CHR11	17381218	CHR11:17381218	SSF x Far_LoA	-9,503	-0,008	0,286
CHR11	17410868	CHR11:17410868	SSF x Far_LoA	-10,183	-0,062	0,290
CHR11	17425885	CHR11:17425885	SSF x Far_LoA	-11,047	0,068	0,298
CHR11	17425894	CHR11:17425894	SSF x Far_LoA	-7,628	0,065	0,288
CHR11	17426025	CHR11:17426025	SSF x Far_LoA	-8,567	0,032	0,302
CHR11	17449359	CHR11:17449359	SSF x Far_LoA	-7,084	0,095	0,300
CHR11	17449385	CHR11:17449385	SSF x Far_LoA	-5,650	0,115	0,282
CHR11	17449445	CHR11:17449445	SSF x Far_LoA	-9,749	0,000	0,292
CHR11	17464164	CHR11:17464164	SSF x Far_LoA	-8,183	-0,022	0,299
CHR11	17464228	CHR11:17464228	SSF x Far_LoA	-9,642	0,125	0,300
CHR11	17494822	CHR11:17494822	SSF x Far_LoA	-10,782	-0,048	0,287
CHR11	174964	CHR11:174964	SSF x Far_LoA	-8,883	-0,033	0,308
CHR11	175056	CHR11:175056	SSF x Far_LoA	-10,873	0,020	0,296
CHR11	17505795	CHR11:17505795	SSF x Far_LoA	-11,724	-0,041	0,297
CHR11	1751129	CHR11:1751129	SSF x Far_LoA	-9,443	0,012	0,293
CHR11	1751145	CHR11:1751145	SSF x Far_LoA	-8,402	0,068	0,288
CHR11	1751461	CHR11:1751461	SSF x Far_LoA	-9,367	0,041	0,289
CHR11	1751471	CHR11:1751471	SSF x Far_LoA	-9,995	0,017	0,278
CHR11	1751552	CHR11:1751552	SSF x Far_LoA	-8,406	0,072	0,297
CHR11	17523964	CHR11:17523964	SSF x Far_LoA	-11,202	-0,087	0,293
CHR11	17523992	CHR11:17523992	SSF x Far_LoA	-10,171	-0,089	0,280
CHR11	17525973	CHR11:17525973	SSF x Far_LoA	-11,550	0,041	0,283
CHR11	17526058	CHR11:17526058	SSF x Far_LoA	-9,656	0,000	0,276
CHR11	17526126	CHR11:17526126	SSF x Far_LoA	-10,785	0,045	0,286
CHR11	17526148	CHR11:17526148	SSF x Far_LoA	-10,641	0,049	0,284
CHR11	17526164	CHR11:17526164	SSF x Far_LoA	-9,162	0,042	0,284
CHR11	1757384	CHR11:1757384	SSF x Far_LoA	-6,878	-0,159	0,280
CHR11	1757395	CHR11:1757395	SSF x Far_LoA	-9,169	-0,089	0,288
CHR11	1757531	CHR11:1757531	SSF x Far_LoA	-9,013	-0,134	0,277

CHR11	17600504	CHR11:17600504	SSF x Far_LoA	-9,157	-0,001	0,283
CHR11	17604203	CHR11:17604203	SSF x Far_LoA	-9,857	0,118	0,288
CHR11	17630375	CHR11:17630375	SSF x Far_LoA	-4,458	0,005	0,308
CHR11	17638562	CHR11:17638562	SSF x Far_LoA	-10,080	0,027	0,300
CHR11	17655543	CHR11:17655543	SSF x Far_LoA	-7,005	0,035	0,282
CHR11	17655559	CHR11:17655559	SSF x Far_LoA	-5,671	0,088	0,302
CHR11	17655608	CHR11:17655608	SSF x Far_LoA	-9,948	0,049	0,294
CHR11	17670838	CHR11:17670838	SSF x Far_LoA	-6,712	0,128	0,289
CHR11	17670846	CHR11:17670846	SSF x Far_LoA	-6,234	0,161	0,303
CHR11	17671047	CHR11:17671047	SSF x Far_LoA	-8,963	-0,142	0,281
CHR11	17685034	CHR11:17685034	SSF x Far_LoA	-9,359	0,006	0,291
CHR11	17685041	CHR11:17685041	SSF x Far_LoA	-10,092	-0,079	0,296
CHR11	17685068	CHR11:17685068	SSF x Far_LoA	-9,950	-0,109	0,285
CHR11	17685073	CHR11:17685073	SSF x Far_LoA	-9,125	-0,106	0,292
CHR11	17685081	CHR11:17685081	SSF x Far_LoA	-9,928	-0,113	0,274
CHR11	17685213	CHR11:17685213	SSF x Far_LoA	-6,865	-0,082	0,292
CHR11	17690998	CHR11:17690998	SSF x Far_LoA	-9,261	-0,034	0,280
CHR11	1769207	CHR11:1769207	SSF x Far_LoA	-10,074	0,112	0,287
CHR11	1769226	CHR11:1769226	SSF x Far_LoA	-10,225	0,053	0,291
CHR11	17700016	CHR11:17700016	SSF x Far_LoA	-12,050	0,019	0,283
CHR11	17704501	CHR11:17704501	SSF x Far_LoA	-6,035	-0,157	0,298
CHR11	17704582	CHR11:17704582	SSF x Far_LoA	-9,429	-0,096	0,306
CHR11	17704594	CHR11:17704594	SSF x Far_LoA	-6,987	-0,155	0,293
CHR11	17718839	CHR11:17718839	SSF x Far_LoA	-10,027	-0,020	0,289
CHR11	17729780	CHR11:17729780	SSF x Far_LoA	-11,209	0,093	0,304
CHR11	17764321	CHR11:17764321	SSF x Far_LoA	-9,867	0,104	0,285
CHR11	1777244	CHR11:1777244	SSF x Far_LoA	-11,662	-0,003	0,304
CHR11	1777246	CHR11:1777246	SSF x Far_LoA	-5,243	0,166	0,275
CHR11	1777260	CHR11:1777260	SSF x Far_LoA	-5,468	0,173	0,265
CHR11	1777268	CHR11:1777268	SSF x Far_LoA	-3,084	0,163	0,274
CHR11	1777295	CHR11:1777295	SSF x Far_LoA	-8,563	0,102	0,294
CHR11	17785098	CHR11:17785098	SSF x Far_LoA	-8,908	-0,007	0,288
CHR11	17785150	CHR11:17785150	SSF x Far_LoA	-8,257	0,066	0,296
CHR11	17785258	CHR11:17785258	SSF x Far_LoA	-8,284	-0,031	0,301
CHR11	17812447	CHR11:17812447	SSF x Far_LoA	-9,537	0,065	0,290
CHR11	17813606	CHR11:17813606	SSF x Far_LoA	-11,420	0,110	0,287
CHR11	17826381	CHR11:17826381	SSF x Far_LoA	-10,605	0,039	0,281
CHR11	17826391	CHR11:17826391	SSF x Far_LoA	-9,784	0,030	0,285
CHR11	17826413	CHR11:17826413	SSF x Far_LoA	-6,082	0,158	0,268
CHR11	17826424	CHR11:17826424	SSF x Far_LoA	-1,875	-0,171	0,274
CHR11	17826564	CHR11:17826564	SSF x Far_LoA	-8,712	-0,049	0,293
CHR11	17826570	CHR11:17826570	SSF x Far_LoA	-7,534	-0,082	0,280
CHR11	17841723	CHR11:17841723	SSF x Far_LoA	-11,394	0,032	0,287
CHR11	17841898	CHR11:17841898	SSF x Far_LoA	-8,746	0,054	0,300
CHR11	17851799	CHR11:17851799	SSF x Far_LoA	-9,081	-0,086	0,295
CHR11	17851803	CHR11:17851803	SSF x Far_LoA	-8,591	-0,025	0,294
CHR11	17872565	CHR11:17872565	SSF x Far_LoA	-9,614	0,045	0,295
CHR11	17872578	CHR11:17872578	SSF x Far_LoA	-5,890	-0,187	0,279
CHR11	17873048	CHR11:17873048	SSF x Far_LoA	-7,772	0,139	0,268
CHR11	17874874	CHR11:17874874	SSF x Far_LoA	-10,161	-0,077	0,282
CHR11	17878090	CHR11:17878090	SSF x Far_LoA	-8,629	0,073	0,298
CHR11	17880494	CHR11:17880494	SSF x Far_LoA	-4,048	-0,241	0,271
CHR11	17880515	CHR11:17880515	SSF x Far_LoA	-10,610	0,114	0,286

CHR11	17881888	CHR11:17881888	SSF x Far_LoA	-8,025	0,016	0,290
CHR11	17888184	CHR11:17888184	SSF x Far_LoA	-12,593	0,001	0,279
CHR11	17888196	CHR11:17888196	SSF x Far_LoA	-8,469	0,061	0,288
CHR11	17888240	CHR11:17888240	SSF x Far_LoA	-9,690	-0,077	0,307
CHR11	17888270	CHR11:17888270	SSF x Far_LoA	-5,889	-0,040	0,291
CHR11	17888854	CHR11:17888854	SSF x Far_LoA	-11,552	-0,074	0,291
CHR11	17888949	CHR11:17888949	SSF x Far_LoA	-7,936	0,091	0,294
CHR11	17888986	CHR11:17888986	SSF x Far_LoA	-5,479	0,147	0,279
CHR11	17895936	CHR11:17895936	SSF x Far_LoA	-11,908	0,075	0,280
CHR11	17896052	CHR11:17896052	SSF x Far_LoA	-10,386	-0,065	0,301
CHR11	17905599	CHR11:17905599	SSF x Far_LoA	-4,032	0,059	0,293
CHR11	17905732	CHR11:17905732	SSF x Far_LoA	-11,899	0,029	0,281
CHR11	17918308	CHR11:17918308	SSF x Far_LoA	-10,912	0,049	0,290
CHR11	17942137	CHR11:17942137	SSF x Far_LoA	-8,337	-0,016	0,319
CHR11	17942157	CHR11:17942157	SSF x Far_LoA	-10,643	0,002	0,297
CHR11	17942185	CHR11:17942185	SSF x Far_LoA	-9,323	-0,027	0,287
CHR11	17945697	CHR11:17945697	SSF x Far_LoA	-5,323	-0,155	0,285
CHR11	17945756	CHR11:17945756	SSF x Far_LoA	-11,130	-0,076	0,277
CHR11	17945796	CHR11:17945796	SSF x Far_LoA	-11,504	-0,078	0,279
CHR11	17945829	CHR11:17945829	SSF x Far_LoA	-11,700	0,026	0,275
CHR11	17951275	CHR11:17951275	SSF x Far_LoA	-11,671	-0,049	0,294
CHR11	17951279	CHR11:17951279	SSF x Far_LoA	-10,573	0,047	0,294
CHR11	17951621	CHR11:17951621	SSF x Far_LoA	-7,742	-0,133	0,284
CHR11	17956184	CHR11:17956184	SSF x Far_LoA	-8,524	-0,110	0,284
CHR11	17956209	CHR11:17956209	SSF x Far_LoA	-7,895	-0,120	0,296
CHR11	17956394	CHR11:17956394	SSF x Far_LoA	-10,945	-0,068	0,290
CHR11	17956529	CHR11:17956529	SSF x Far_LoA	-7,526	-0,143	0,283
CHR11	17963658	CHR11:17963658	SSF x Far_LoA	-6,018	0,000	0,298
CHR11	17968437	CHR11:17968437	SSF x Far_LoA	-9,124	-0,005	0,302
CHR11	17973157	CHR11:17973157	SSF x Far_LoA	-8,635	0,046	0,304
CHR11	17973160	CHR11:17973160	SSF x Far_LoA	-6,161	0,093	0,289
CHR11	17973173	CHR11:17973173	SSF x Far_LoA	-7,459	-0,118	0,295
CHR11	17973259	CHR11:17973259	SSF x Far_LoA	-7,974	-0,101	0,273
CHR11	17973467	CHR11:17973467	SSF x Far_LoA	-8,310	-0,085	0,292
CHR11	17985161	CHR11:17985161	SSF x Far_LoA	-8,734	0,094	0,276
CHR11	17985207	CHR11:17985207	SSF x Far_LoA	-10,562	-0,028	0,281
CHR11	17989228	CHR11:17989228	SSF x Far_LoA	-8,541	-0,075	0,284
CHR11	17989255	CHR11:17989255	SSF x Far_LoA	-9,303	0,038	0,279
CHR11	17993203	CHR11:17993203	SSF x Far_LoA	-10,712	0,027	0,289
CHR11	17993239	CHR11:17993239	SSF x Far_LoA	-7,126	0,025	0,300
CHR11	17993344	CHR11:17993344	SSF x Far_LoA	-6,950	0,145	0,280
CHR11	17993364	CHR11:17993364	SSF x Far_LoA	-7,440	0,175	0,281
CHR11	17993390	CHR11:17993390	SSF x Far_LoA	-7,374	-0,050	0,295
CHR11	17993403	CHR11:17993403	SSF x Far_LoA	-7,081	0,058	0,278
CHR11	17993410	CHR11:17993410	SSF x Far_LoA	-11,014	0,148	0,275
CHR11	17993448	CHR11:17993448	SSF x Far_LoA	-8,332	-0,001	0,308
CHR11	17993497	CHR11:17993497	SSF x Far_LoA	-9,845	0,013	0,279
CHR11	17993513	CHR11:17993513	SSF x Far_LoA	-9,179	0,009	0,303
CHR11	17993554	CHR11:17993554	SSF x Far_LoA	-10,340	-0,019	0,299
CHR11	17993556	CHR11:17993556	SSF x Far_LoA	-8,744	-0,049	0,292
CHR11	17993640	CHR11:17993640	SSF x Far_LoA	-7,276	0,098	0,306
CHR11	18015470	CHR11:18015470	SSF x Far_LoA	-4,119	0,077	0,294
CHR11	18015505	CHR11:18015505	SSF x Far_LoA	-8,078	-0,016	0,299

CHR11	18015510	CHR11:1801551C	SSF x Far_LoA	-8,799	-0,104	0,298
CHR11	18015513	CHR11:1801551З	SSF x Far_LoA	-8,361	-0,034	0,314
CHR11	18015542	CHR11:1801554Z	SSF x Far_LoA	-8,142	0,143	0,287
CHR11	18015558	CHR11:1801555Ѕ	SSF x Far_LoA	-6,856	0,078	0,287
CHR11	18015661	CHR11:1801566І	SSF x Far_LoA	-7,480	-0,075	0,277
CHR11	18018984	CHR11:1801898Ч	SSF x Far_LoA	-5,240	0,195	0,289
CHR11	18019009	CHR11:1801900Ѕ	SSF x Far_LoA	-8,795	0,076	0,294
CHR11	18019013	CHR11:1801901З	SSF x Far_LoA	-8,808	0,088	0,302
CHR11	18019014	CHR11:1801901Ч	SSF x Far_LoA	-6,072	0,077	0,300
CHR11	18048075	CHR11:1804807Ѕ	SSF x Far_LoA	-9,758	0,103	0,287
CHR11	18062807	CHR11:1806280І	SSF x Far_LoA	-1,662	-0,121	0,293
CHR11	18062889	CHR11:1806288Ѕ	SSF x Far_LoA	-7,071	-0,122	0,293
CHR11	18082487	CHR11:1808248І	SSF x Far_LoA	-7,916	-0,099	0,284
CHR11	18082583	CHR11:1808258З	SSF x Far_LoA	-8,856	-0,015	0,288
CHR11	18082586	CHR11:1808258С	SSF x Far_LoA	-9,876	0,002	0,285
CHR11	18091001	CHR11:1809100І	SSF x Far_LoA	-8,602	0,066	0,293
CHR11	18091032	CHR11:1809103Z	SSF x Far_LoA	-8,947	0,081	0,300
CHR11	18091121	CHR11:1809112І	SSF x Far_LoA	-9,082	-0,002	0,289
CHR11	18100277	CHR11:1810027І	SSF x Far_LoA	-9,458	0,027	0,291
CHR11	18100318	CHR11:1810031Ѕ	SSF x Far_LoA	-9,087	0,072	0,279
CHR11	18100356	CHR11:1810035С	SSF x Far_LoA	-8,952	-0,092	0,291
CHR11	18100364	CHR11:1810036Ч	SSF x Far_LoA	-7,662	-0,100	0,302
CHR11	18100377	CHR11:1810037І	SSF x Far_LoA	-8,381	-0,090	0,297
CHR11	18100380	CHR11:1810038C	SSF x Far_LoA	-9,126	0,016	0,305
CHR11	18100411	CHR11:1810041І	SSF x Far_LoA	-10,685	0,016	0,302
CHR11	18103064	CHR11:1810306Ч	SSF x Far_LoA	-10,521	-0,069	0,300
CHR11	18103070	CHR11:1810307C	SSF x Far_LoA	-11,402	-0,066	0,281
CHR11	18103097	CHR11:1810309І	SSF x Far_LoA	-10,449	-0,062	0,292
CHR11	18103255	CHR11:1810325Ѕ	SSF x Far_LoA	-10,897	-0,024	0,292
CHR11	18106592	CHR11:1810659Z	SSF x Far_LoA	-11,513	-0,040	0,291
CHR11	18127033	CHR11:1812703З	SSF x Far_LoA	-10,481	-0,026	0,282
CHR11	18127048	CHR11:1812704Ѕ	SSF x Far_LoA	-10,185	0,088	0,285
CHR11	18127089	CHR11:1812708Ѕ	SSF x Far_LoA	-6,447	0,163	0,293
CHR11	18127175	CHR11:1812717Ѕ	SSF x Far_LoA	-1,432	0,037	0,296
CHR11	18127213	CHR11:1812721З	SSF x Far_LoA	-8,650	0,068	0,291
CHR11	18127238	CHR11:1812723Ѕ	SSF x Far_LoA	-7,511	-0,017	0,302
CHR11	18135545	CHR11:1813554Ѕ	SSF x Far_LoA	-10,012	0,050	0,290
CHR11	18165930	CHR11:1816593C	SSF x Far_LoA	-6,359	-0,113	0,286
CHR11	18166030	CHR11:1816603C	SSF x Far_LoA	-10,392	-0,011	0,289
CHR11	18166036	CHR11:1816603Б	SSF x Far_LoA	-10,812	0,006	0,296
CHR11	18166060	CHR11:1816606C	SSF x Far_LoA	-10,248	0,085	0,287
CHR11	18166141	CHR11:1816614І	SSF x Far_LoA	-8,666	-0,122	0,281
CHR11	18169226	CHR11:1816922Б	SSF x Far_LoA	-9,623	-0,151	0,276
CHR11	18169349	CHR11:1816934Ѕ	SSF x Far_LoA	-11,339	-0,055	0,285
CHR11	18169684	CHR11:1816968Ч	SSF x Far_LoA	-11,045	-0,029	0,303
CHR11	18184393	CHR11:1818439З	SSF x Far_LoA	-9,898	0,098	0,290
CHR11	18184471	CHR11:1818447І	SSF x Far_LoA	-8,760	-0,037	0,295
CHR11	18185342	CHR11:1818534Z	SSF x Far_LoA	-7,223	-0,105	0,288
CHR11	18185343	CHR11:1818534З	SSF x Far_LoA	-9,986	-0,019	0,273
CHR11	18185479	CHR11:1818547Ѕ	SSF x Far_LoA	-11,444	-0,033	0,298
CHR11	18185503	CHR11:1818550З	SSF x Far_LoA	-7,647	-0,009	0,300
CHR11	18189335	CHR11:1818933Ѕ	SSF x Far_LoA	-8,095	-0,046	0,298
CHR11	18189366	CHR11:1818936Б	SSF x Far_LoA	-6,844	0,072	0,289

CHR11	18189378	CHR11:18189378	SSF x Far_LoA	-11,816	0,026	0,291
CHR11	18189397	CHR11:18189397	SSF x Far_LoA	0,190	-0,074	0,290
CHR11	18189453	CHR11:18189453	SSF x Far_LoA	-7,330	0,037	0,307
CHR11	18194303	CHR11:18194303	SSF x Far_LoA	-10,300	0,059	0,282
CHR11	18194317	CHR11:18194317	SSF x Far_LoA	-7,744	0,026	0,290
CHR11	18194428	CHR11:18194428	SSF x Far_LoA	-9,015	-0,093	0,264
CHR11	18194451	CHR11:18194451	SSF x Far_LoA	-9,356	-0,042	0,284
CHR11	18202602	CHR11:18202602	SSF x Far_LoA	-8,824	-0,024	0,292
CHR11	18202743	CHR11:18202743	SSF x Far_LoA	-6,056	0,118	0,296
CHR11	18202821	CHR11:18202821	SSF x Far_LoA	-9,012	-0,022	0,302
CHR11	18202823	CHR11:18202823	SSF x Far_LoA	-9,028	0,000	0,294
CHR11	18202826	CHR11:18202826	SSF x Far_LoA	-6,369	-0,004	0,294
CHR11	18202827	CHR11:18202827	SSF x Far_LoA	-8,312	-0,019	0,295
CHR11	18216644	CHR11:18216644	SSF x Far_LoA	-8,364	0,030	0,281
CHR11	18216689	CHR11:18216689	SSF x Far_LoA	-7,152	-0,109	0,308
CHR11	18218777	CHR11:18218777	SSF x Far_LoA	-7,519	-0,041	0,278
CHR11	1822184	CHR11:1822184	SSF x Far_LoA	-5,487	0,053	0,312
CHR11	1822235	CHR11:1822235	SSF x Far_LoA	-7,982	0,073	0,306
CHR11	1822340	CHR11:1822340	SSF x Far_LoA	-10,058	0,137	0,294
CHR11	1822404	CHR11:1822404	SSF x Far_LoA	-7,785	0,067	0,297
CHR11	18242161	CHR11:18242161	SSF x Far_LoA	-10,859	0,058	0,273
CHR11	18242200	CHR11:18242200	SSF x Far_LoA	-11,138	0,010	0,291
CHR11	18242379	CHR11:18242379	SSF x Far_LoA	-10,483	-0,033	0,289
CHR11	18242441	CHR11:18242441	SSF x Far_LoA	-8,408	-0,028	0,299
CHR11	18242499	CHR11:18242499	SSF x Far_LoA	-9,569	0,028	0,298
CHR11	1824603	CHR11:1824603	SSF x Far_LoA	-9,734	-0,046	0,290
CHR11	18246068	CHR11:18246068	SSF x Far_LoA	-10,379	-0,051	0,301
CHR11	18246080	CHR11:18246080	SSF x Far_LoA	-8,236	-0,050	0,305
CHR11	18246117	CHR11:18246117	SSF x Far_LoA	-9,709	0,022	0,293
CHR11	18246128	CHR11:18246128	SSF x Far_LoA	-8,484	0,020	0,302
CHR11	18246199	CHR11:18246199	SSF x Far_LoA	-4,709	-0,098	0,302
CHR11	18246282	CHR11:18246282	SSF x Far_LoA	-10,422	-0,003	0,300
CHR11	18246313	CHR11:18246313	SSF x Far_LoA	-8,976	0,063	0,291
CHR11	18246325	CHR11:18246325	SSF x Far_LoA	-8,619	-0,048	0,282
CHR11	18246344	CHR11:18246344	SSF x Far_LoA	-8,400	-0,028	0,285
CHR11	18246347	CHR11:18246347	SSF x Far_LoA	-8,180	-0,031	0,280
CHR11	18246353	CHR11:18246353	SSF x Far_LoA	-8,169	-0,015	0,278
CHR11	18246359	CHR11:18246359	SSF x Far_LoA	-7,945	-0,027	0,291
CHR11	18246419	CHR11:18246419	SSF x Far_LoA	-10,419	-0,049	0,289
CHR11	18246426	CHR11:18246426	SSF x Far_LoA	-9,274	-0,045	0,298
CHR11	18262081	CHR11:18262081	SSF x Far_LoA	-7,935	0,071	0,286
CHR11	18262083	CHR11:18262083	SSF x Far_LoA	-12,798	0,049	0,276
CHR11	18290106	CHR11:18290106	SSF x Far_LoA	-11,123	-0,025	0,285
CHR11	18304869	CHR11:18304869	SSF x Far_LoA	-7,954	0,098	0,289
CHR11	18304900	CHR11:18304900	SSF x Far_LoA	-8,516	0,043	0,288
CHR11	18304944	CHR11:18304944	SSF x Far_LoA	-8,864	0,060	0,291
CHR11	18321441	CHR11:18321441	SSF x Far_LoA	-8,841	0,072	0,301
CHR11	18321508	CHR11:18321508	SSF x Far_LoA	-9,065	0,037	0,276
CHR11	18321571	CHR11:18321571	SSF x Far_LoA	-7,032	-0,166	0,295
CHR11	18321574	CHR11:18321574	SSF x Far_LoA	-9,636	0,118	0,273
CHR11	18321831	CHR11:18321831	SSF x Far_LoA	-6,924	-0,188	0,287
CHR11	18327271	CHR11:18327271	SSF x Far_LoA	-11,557	0,057	0,294
CHR11	18328290	CHR11:18328290	SSF x Far_LoA	-7,657	0,065	0,303

CHR11	18328309	CHR11:18328309	SSF x Far_LoA	-10,574	-0,124	0,292
CHR11	18330003	CHR11:18330003	SSF x Far_LoA	-9,766	-0,014	0,281
CHR11	18330042	CHR11:18330042	SSF x Far_LoA	-10,834	-0,049	0,291
CHR11	18361131	CHR11:18361131	SSF x Far_LoA	-7,304	0,055	0,292
CHR11	18361143	CHR11:18361143	SSF x Far_LoA	-9,411	-0,089	0,298
CHR11	18361179	CHR11:18361179	SSF x Far_LoA	-10,738	-0,008	0,298
CHR11	18361439	CHR11:18361439	SSF x Far_LoA	-8,121	0,166	0,262
CHR11	18383121	CHR11:18383121	SSF x Far_LoA	-8,793	0,056	0,296
CHR11	18383176	CHR11:18383176	SSF x Far_LoA	-9,654	-0,110	0,279
CHR11	18396722	CHR11:18396722	SSF x Far_LoA	-9,461	0,089	0,288
CHR11	18396777	CHR11:18396777	SSF x Far_LoA	-5,865	-0,072	0,299
CHR11	18397576	CHR11:18397576	SSF x Far_LoA	-9,340	0,032	0,291
CHR11	18397579	CHR11:18397579	SSF x Far_LoA	-9,840	0,004	0,290
CHR11	18406013	CHR11:18406013	SSF x Far_LoA	-8,032	-0,117	0,293
CHR11	18406017	CHR11:18406017	SSF x Far_LoA	-5,921	-0,175	0,302
CHR11	18406092	CHR11:18406092	SSF x Far_LoA	-5,280	-0,111	0,278
CHR11	18406194	CHR11:18406194	SSF x Far_LoA	-4,587	-0,105	0,294
CHR11	18408514	CHR11:18408514	SSF x Far_LoA	-8,855	0,030	0,300
CHR11	18408635	CHR11:18408635	SSF x Far_LoA	-8,386	-0,074	0,305
CHR11	18408674	CHR11:18408674	SSF x Far_LoA	-11,802	-0,007	0,290
CHR11	18412544	CHR11:18412544	SSF x Far_LoA	-2,404	-0,121	0,296
CHR11	18412573	CHR11:18412573	SSF x Far_LoA	-8,889	-0,116	0,283
CHR11	18412601	CHR11:18412601	SSF x Far_LoA	-8,501	-0,115	0,290
CHR11	18412602	CHR11:18412602	SSF x Far_LoA	-8,817	-0,110	0,270
CHR11	18412726	CHR11:18412726	SSF x Far_LoA	-9,715	-0,047	0,303
CHR11	18417763	CHR11:18417763	SSF x Far_LoA	-10,169	-0,074	0,279
CHR11	18417823	CHR11:18417823	SSF x Far_LoA	-8,672	0,037	0,298
CHR11	18417847	CHR11:18417847	SSF x Far_LoA	-4,385	-0,012	0,297
CHR11	18417855	CHR11:18417855	SSF x Far_LoA	-9,666	-0,045	0,281
CHR11	1843675	CHR11:1843675	SSF x Far_LoA	-8,139	0,044	0,300
CHR11	1843791	CHR11:1843791	SSF x Far_LoA	-8,620	-0,031	0,305
CHR11	1843946	CHR11:1843946	SSF x Far_LoA	-9,293	-0,049	0,297
CHR11	18452025	CHR11:18452025	SSF x Far_LoA	-7,341	0,022	0,297
CHR11	18452051	CHR11:18452051	SSF x Far_LoA	-9,249	-0,015	0,301
CHR11	18452118	CHR11:18452118	SSF x Far_LoA	-10,830	0,034	0,297
CHR11	18452207	CHR11:18452207	SSF x Far_LoA	-8,956	0,068	0,281
CHR11	18452227	CHR11:18452227	SSF x Far_LoA	-9,764	-0,134	0,282
CHR11	18453836	CHR11:18453836	SSF x Far_LoA	-9,259	0,011	0,299
CHR11	18453838	CHR11:18453838	SSF x Far_LoA	-10,446	0,006	0,286
CHR11	18453872	CHR11:18453872	SSF x Far_LoA	-6,639	0,005	0,298
CHR11	18456092	CHR11:18456092	SSF x Far_LoA	-8,411	-0,112	0,276
CHR11	18456094	CHR11:18456094	SSF x Far_LoA	-8,826	0,049	0,291
CHR11	18464724	CHR11:18464724	SSF x Far_LoA	-6,562	-0,083	0,278
CHR11	18464725	CHR11:18464725	SSF x Far_LoA	17,441	-0,041	0,293
CHR11	18464743	CHR11:18464743	SSF x Far_LoA	-11,053	-0,033	0,291
CHR11	18464786	CHR11:18464786	SSF x Far_LoA	-7,661	-0,054	0,295
CHR11	18464789	CHR11:18464789	SSF x Far_LoA	-9,157	-0,075	0,286
CHR11	18464807	CHR11:18464807	SSF x Far_LoA	-7,366	-0,059	0,285
CHR11	18478032	CHR11:18478032	SSF x Far_LoA	-8,070	0,012	0,305
CHR11	18478082	CHR11:18478082	SSF x Far_LoA	-9,400	-0,001	0,275
CHR11	18478099	CHR11:18478099	SSF x Far_LoA	-10,648	0,123	0,271
CHR11	18478277	CHR11:18478277	SSF x Far_LoA	-9,835	-0,043	0,288
CHR11	18478293	CHR11:18478293	SSF x Far_LoA	-5,654	-0,034	0,282

CHR11	18478302	CHR11:18478302	SSF x Far_LoA	-5,822	-0,122	0,290
CHR11	1848067	CHR11:1848067	SSF x Far_LoA	-8,145	0,098	0,295
CHR11	18488180	CHR11:18488180	SSF x Far_LoA	-4,118	-0,181	0,278
CHR11	18488295	CHR11:18488295	SSF x Far_LoA	-7,365	0,166	0,272
CHR11	18492600	CHR11:18492600	SSF x Far_LoA	-10,872	0,028	0,297
CHR11	18495149	CHR11:18495149	SSF x Far_LoA	-8,531	-0,007	0,296
CHR11	18510144	CHR11:18510144	SSF x Far_LoA	-10,483	-0,105	0,286
CHR11	18513657	CHR11:18513657	SSF x Far_LoA	-8,659	0,089	0,284
CHR11	18513962	CHR11:18513962	SSF x Far_LoA	-8,142	-0,032	0,292
CHR11	18551415	CHR11:18551415	SSF x Far_LoA	-4,600	0,012	0,300
CHR11	18551677	CHR11:18551677	SSF x Far_LoA	-11,501	-0,001	0,277
CHR11	18553410	CHR11:18553410	SSF x Far_LoA	-9,638	-0,085	0,286
CHR11	18558979	CHR11:18558979	SSF x Far_LoA	-6,283	-0,056	0,298
CHR11	18559022	CHR11:18559022	SSF x Far_LoA	-10,248	-0,034	0,311
CHR11	18559053	CHR11:18559053	SSF x Far_LoA	-8,163	0,034	0,306
CHR11	18560810	CHR11:18560810	SSF x Far_LoA	-8,688	0,143	0,281
CHR11	18560827	CHR11:18560827	SSF x Far_LoA	-10,122	0,052	0,278
CHR11	18560848	CHR11:18560848	SSF x Far_LoA	-8,617	0,127	0,291
CHR11	18560872	CHR11:18560872	SSF x Far_LoA	-9,506	-0,046	0,302
CHR11	18560949	CHR11:18560949	SSF x Far_LoA	-5,472	-0,166	0,279
CHR11	18562278	CHR11:18562278	SSF x Far_LoA	-9,124	-0,082	0,297
CHR11	18562319	CHR11:18562319	SSF x Far_LoA	-11,058	0,013	0,292
CHR11	18569704	CHR11:18569704	SSF x Far_LoA	-8,144	-0,055	0,296
CHR11	18569765	CHR11:18569765	SSF x Far_LoA	-7,146	0,081	0,305
CHR11	18569795	CHR11:18569795	SSF x Far_LoA	-9,203	0,179	0,283
CHR11	18579525	CHR11:18579525	SSF x Far_LoA	-10,469	-0,018	0,288
CHR11	18585073	CHR11:18585073	SSF x Far_LoA	-11,371	-0,016	0,291
CHR11	18592444	CHR11:18592444	SSF x Far_LoA	-9,821	0,062	0,289
CHR11	18592702	CHR11:18592702	SSF x Far_LoA	-10,980	-0,056	0,298
CHR11	18592755	CHR11:18592755	SSF x Far_LoA	-4,712	-0,168	0,298
CHR11	18592768	CHR11:18592768	SSF x Far_LoA	0,651	-0,195	0,279
CHR11	18610504	CHR11:18610504	SSF x Far_LoA	-8,320	0,030	0,288
CHR11	18615202	CHR11:18615202	SSF x Far_LoA	-9,118	-0,057	0,300
CHR11	18616670	CHR11:18616670	SSF x Far_LoA	-9,577	-0,035	0,294
CHR11	18616710	CHR11:18616710	SSF x Far_LoA	-10,266	0,002	0,286
CHR11	18616734	CHR11:18616734	SSF x Far_LoA	-10,314	-0,076	0,292
CHR11	18616800	CHR11:18616800	SSF x Far_LoA	-9,324	-0,088	0,291
CHR11	18616823	CHR11:18616823	SSF x Far_LoA	-4,783	-0,171	0,286
CHR11	18616857	CHR11:18616857	SSF x Far_LoA	-6,486	0,168	0,295
CHR11	18616873	CHR11:18616873	SSF x Far_LoA	-7,198	0,033	0,290
CHR11	18628404	CHR11:18628404	SSF x Far_LoA	-7,018	0,127	0,293
CHR11	18628435	CHR11:18628435	SSF x Far_LoA	-8,643	0,234	0,269
CHR11	18628532	CHR11:18628532	SSF x Far_LoA	-7,068	0,073	0,289
CHR11	18632820	CHR11:18632820	SSF x Far_LoA	-8,118	-0,146	0,303
CHR11	18632821	CHR11:18632821	SSF x Far_LoA	-7,329	-0,166	0,289
CHR11	1863575	CHR11:1863575	SSF x Far_LoA	-6,635	0,108	0,303
CHR11	1863749	CHR11:1863749	SSF x Far_LoA	-9,016	0,127	0,298
CHR11	18651444	CHR11:18651444	SSF x Far_LoA	-9,278	-0,108	0,303
CHR11	186538	CHR11:186538	SSF x Far_LoA	-11,012	-0,035	0,291
CHR11	18658003	CHR11:18658003	SSF x Far_LoA	-3,101	0,085	0,282
CHR11	186669	CHR11:186669	SSF x Far_LoA	-8,419	-0,012	0,290
CHR11	186676	CHR11:186676	SSF x Far_LoA	-10,572	0,021	0,288
CHR11	18672565	CHR11:18672565	SSF x Far_LoA	-9,692	0,059	0,299

CHR11	18675695	CHR11:18675695	SSF x Far_LoA	-5,756	-0,047	0,298
CHR11	18683421	CHR11:18683421	SSF x Far_LoA	-8,345	0,060	0,307
CHR11	18683505	CHR11:18683505	SSF x Far_LoA	-11,062	0,107	0,277
CHR11	18683681	CHR11:18683681	SSF x Far_LoA	-9,506	0,009	0,280
CHR11	18685043	CHR11:18685043	SSF x Far_LoA	-10,021	-0,016	0,288
CHR11	18685049	CHR11:18685049	SSF x Far_LoA	-10,157	-0,015	0,289
CHR11	18685051	CHR11:18685051	SSF x Far_LoA	-8,579	0,151	0,274
CHR11	18685109	CHR11:18685109	SSF x Far_LoA	-8,939	0,032	0,279
CHR11	1868935	CHR11:1868935	SSF x Far_LoA	-7,009	-0,146	0,284
CHR11	1868959	CHR11:1868959	SSF x Far_LoA	-8,541	-0,061	0,297
CHR11	1868965	CHR11:1868965	SSF x Far_LoA	-10,449	0,035	0,291
CHR11	1868975	CHR11:1868975	SSF x Far_LoA	-10,418	0,006	0,287
CHR11	18690246	CHR11:18690246	SSF x Far_LoA	1,758	-0,062	0,291
CHR11	1869060	CHR11:1869060	SSF x Far_LoA	-12,141	0,009	0,296
CHR11	1869115	CHR11:1869115	SSF x Far_LoA	-9,861	0,111	0,301
CHR11	1869136	CHR11:1869136	SSF x Far_LoA	-9,826	0,087	0,283
CHR11	1869157	CHR11:1869157	SSF x Far_LoA	-9,454	-0,114	0,277
CHR11	18692888	CHR11:18692888	SSF x Far_LoA	-8,183	0,107	0,282
CHR11	18692935	CHR11:18692935	SSF x Far_LoA	-8,936	0,102	0,285
CHR11	18700714	CHR11:18700714	SSF x Far_LoA	-10,206	-0,002	0,297
CHR11	18700772	CHR11:18700772	SSF x Far_LoA	-4,665	-0,106	0,308
CHR11	18741561	CHR11:18741561	SSF x Far_LoA	-8,513	-0,164	0,290
CHR11	18741631	CHR11:18741631	SSF x Far_LoA	-10,200	0,035	0,275
CHR11	18754997	CHR11:18754997	SSF x Far_LoA	-9,368	-0,017	0,295
CHR11	1876493	CHR11:1876493	SSF x Far_LoA	-11,881	-0,022	0,297
CHR11	1876545	CHR11:1876545	SSF x Far_LoA	-4,791	-0,118	0,294
CHR11	18769557	CHR11:18769557	SSF x Far_LoA	-9,344	-0,045	0,285
CHR11	18769570	CHR11:18769570	SSF x Far_LoA	-10,474	-0,055	0,284
CHR11	1882192	CHR11:1882192	SSF x Far_LoA	2,902	0,186	0,272
CHR11	1882243	CHR11:1882243	SSF x Far_LoA	-12,353	0,034	0,269
CHR11	1892959	CHR11:1892959	SSF x Far_LoA	-10,466	-0,001	0,297
CHR11	1892992	CHR11:1892992	SSF x Far_LoA	-9,560	-0,018	0,279
CHR11	1900044	CHR11:1900044	SSF x Far_LoA	-7,481	-0,114	0,292
CHR11	1900077	CHR11:1900077	SSF x Far_LoA	-7,274	0,029	0,297
CHR11	1900103	CHR11:1900103	SSF x Far_LoA	-8,316	-0,020	0,306
CHR11	1900112	CHR11:1900112	SSF x Far_LoA	-9,738	-0,077	0,282
CHR11	1900134	CHR11:1900134	SSF x Far_LoA	-10,745	-0,078	0,294
CHR11	1901796	CHR11:1901796	SSF x Far_LoA	-8,555	0,012	0,315
CHR11	1901917	CHR11:1901917	SSF x Far_LoA	-8,060	-0,024	0,289
CHR11	1901923	CHR11:1901923	SSF x Far_LoA	-7,758	-0,032	0,267
CHR11	1901980	CHR11:1901980	SSF x Far_LoA	-7,875	0,000	0,309
CHR11	1902009	CHR11:1902009	SSF x Far_LoA	-9,113	0,044	0,291
CHR11	1902014	CHR11:1902014	SSF x Far_LoA	-8,499	0,053	0,287
CHR11	1907629	CHR11:1907629	SSF x Far_LoA	-8,269	-0,077	0,285
CHR11	1909262	CHR11:1909262	SSF x Far_LoA	-9,852	-0,105	0,296
CHR11	1910660	CHR11:1910660	SSF x Far_LoA	-9,517	-0,038	0,292
CHR11	1910850	CHR11:1910850	SSF x Far_LoA	-10,588	-0,045	0,295
CHR11	1919806	CHR11:1919806	SSF x Far_LoA	-10,272	0,020	0,287
CHR11	1952981	CHR11:1952981	SSF x Far_LoA	-8,385	-0,091	0,289
CHR11	1953199	CHR11:1953199	SSF x Far_LoA	-9,430	0,111	0,291
CHR11	1954716	CHR11:1954716	SSF x Far_LoA	-8,841	0,049	0,284
CHR11	1958172	CHR11:1958172	SSF x Far_LoA	-7,265	0,048	0,299
CHR11	1959309	CHR11:1959309	SSF x Far_LoA	-8,689	0,007	0,299

CHR11	1959316	CHR11:1959316	SSF x Far_LoA	-9,622	0,031	0,300
CHR11	1959366	CHR11:1959366	SSF x Far_LoA	-8,919	0,020	0,272
CHR11	1980398	CHR11:1980398	SSF x Far_LoA	-9,167	0,140	0,279
CHR11	1994430	CHR11:1994430	SSF x Far_LoA	-9,641	-0,018	0,291
CHR11	1994477	CHR11:1994477	SSF x Far_LoA	-8,220	-0,013	0,297
CHR11	2004382	CHR11:2004382	SSF x Far_LoA	-6,897	-0,124	0,296
CHR11	2004605	CHR11:2004605	SSF x Far_LoA	-6,540	0,160	0,287
CHR11	2010254	CHR11:2010254	SSF x Far_LoA	-6,109	0,222	0,283
CHR11	2012109	CHR11:2012109	SSF x Far_LoA	-6,913	0,188	0,281
CHR11	2012120	CHR11:2012120	SSF x Far_LoA	-10,622	0,083	0,285
CHR11	2012167	CHR11:2012167	SSF x Far_LoA	-4,759	0,158	0,274
CHR11	2012187	CHR11:2012187	SSF x Far_LoA	-6,947	0,077	0,304
CHR11	2021357	CHR11:2021357	SSF x Far_LoA	-10,537	0,004	0,296
CHR11	2021383	CHR11:2021383	SSF x Far_LoA	-8,686	0,048	0,284
CHR11	2021410	CHR11:2021410	SSF x Far_LoA	-10,462	-0,016	0,314
CHR11	2021490	CHR11:2021490	SSF x Far_LoA	-10,293	-0,055	0,282
CHR11	2021512	CHR11:2021512	SSF x Far_LoA	-8,983	-0,080	0,281
CHR11	2021513	CHR11:2021513	SSF x Far_LoA	-7,128	-0,089	0,287
CHR11	2021748	CHR11:2021748	SSF x Far_LoA	-10,934	-0,071	0,283
CHR11	2050185	CHR11:2050185	SSF x Far_LoA	-8,318	0,085	0,293
CHR11	2050190	CHR11:2050190	SSF x Far_LoA	-4,097	0,082	0,294
CHR11	2050251	CHR11:2050251	SSF x Far_LoA	-7,445	0,026	0,288
CHR11	2050272	CHR11:2050272	SSF x Far_LoA	-11,292	0,065	0,295
CHR11	2050278	CHR11:2050278	SSF x Far_LoA	-7,645	0,015	0,290
CHR11	2050308	CHR11:2050308	SSF x Far_LoA	-9,173	0,004	0,298
CHR11	2050311	CHR11:2050311	SSF x Far_LoA	-10,954	-0,021	0,292
CHR11	2050352	CHR11:2050352	SSF x Far_LoA	-11,489	-0,002	0,283
CHR11	2050364	CHR11:2050364	SSF x Far_LoA	-9,185	-0,012	0,287
CHR11	2058251	CHR11:2058251	SSF x Far_LoA	-11,527	0,066	0,284
CHR11	2058296	CHR11:2058296	SSF x Far_LoA	-7,657	-0,081	0,291
CHR11	2066103	CHR11:2066103	SSF x Far_LoA	-8,869	0,036	0,292
CHR11	2066173	CHR11:2066173	SSF x Far_LoA	-8,453	0,069	0,295
CHR11	2066174	CHR11:2066174	SSF x Far_LoA	-7,579	0,039	0,305
CHR11	2066509	CHR11:2066509	SSF x Far_LoA	-8,806	0,102	0,285
CHR11	2066533	CHR11:2066533	SSF x Far_LoA	-3,752	0,138	0,306
CHR11	2081310	CHR11:2081310	SSF x Far_LoA	-10,688	0,115	0,280
CHR11	2085229	CHR11:2085229	SSF x Far_LoA	-5,848	-0,191	0,270
CHR11	2094995	CHR11:2094995	SSF x Far_LoA	-11,497	0,063	0,284
CHR11	2100676	CHR11:2100676	SSF x Far_LoA	-10,286	-0,029	0,294
CHR11	2119642	CHR11:2119642	SSF x Far_LoA	-10,832	-0,099	0,274
CHR11	212812	CHR11:212812	SSF x Far_LoA	-9,110	0,045	0,303
CHR11	212848	CHR11:212848	SSF x Far_LoA	0,996	-0,118	0,277
CHR11	212879	CHR11:212879	SSF x Far_LoA	-10,387	0,045	0,295
CHR11	212886	CHR11:212886	SSF x Far_LoA	-8,128	0,078	0,291
CHR11	2161774	CHR11:2161774	SSF x Far_LoA	-11,272	0,071	0,292
CHR11	2179249	CHR11:2179249	SSF x Far_LoA	-9,822	-0,062	0,290
CHR11	2179276	CHR11:2179276	SSF x Far_LoA	-9,314	0,076	0,296
CHR11	2179297	CHR11:2179297	SSF x Far_LoA	-9,404	-0,013	0,281
CHR11	2179497	CHR11:2179497	SSF x Far_LoA	-9,530	-0,096	0,299
CHR11	2179505	CHR11:2179505	SSF x Far_LoA	-9,209	-0,120	0,288
CHR11	2179599	CHR11:2179599	SSF x Far_LoA	-10,811	-0,118	0,293
CHR11	2179605	CHR11:2179605	SSF x Far_LoA	-6,773	-0,156	0,280
CHR11	2192846	CHR11:2192846	SSF x Far_LoA	-10,617	0,006	0,284

CHR11	2197967	CHR11:2197967	SSF x Far_LoA	-10,184	0,033	0,302
CHR11	2223258	CHR11:2223258	SSF x Far_LoA	-8,951	-0,031	0,295
CHR11	2227777	CHR11:2227777	SSF x Far_LoA	-9,499	-0,024	0,281
CHR11	224046	CHR11:224046	SSF x Far_LoA	-9,323	0,110	0,279
CHR11	2259804	CHR11:2259804	SSF x Far_LoA	-11,295	-0,121	0,282
CHR11	2271746	CHR11:2271746	SSF x Far_LoA	-11,012	-0,055	0,281
CHR11	2271936	CHR11:2271936	SSF x Far_LoA	-12,359	0,023	0,287
CHR11	2272008	CHR11:2272008	SSF x Far_LoA	-8,460	0,149	0,287
CHR11	2272026	CHR11:2272026	SSF x Far_LoA	-9,247	-0,020	0,301
CHR11	2272027	CHR11:2272027	SSF x Far_LoA	-8,504	0,047	0,308
CHR11	2272061	CHR11:2272061	SSF x Far_LoA	-9,104	0,022	0,293
CHR11	2274407	CHR11:2274407	SSF x Far_LoA	-8,007	-0,061	0,287
CHR11	2274413	CHR11:2274413	SSF x Far_LoA	-11,766	0,004	0,295
CHR11	2274583	CHR11:2274583	SSF x Far_LoA	-9,371	-0,062	0,293
CHR11	2274685	CHR11:2274685	SSF x Far_LoA	-8,372	-0,119	0,280
CHR11	2274770	CHR11:2274770	SSF x Far_LoA	-7,933	0,009	0,294
CHR11	2280606	CHR11:2280606	SSF x Far_LoA	-9,584	-0,021	0,302
CHR11	2280862	CHR11:2280862	SSF x Far_LoA	-8,977	-0,048	0,287
CHR11	2280895	CHR11:2280895	SSF x Far_LoA	-8,559	-0,069	0,295
CHR11	2280898	CHR11:2280898	SSF x Far_LoA	-8,383	-0,067	0,302
CHR11	2280901	CHR11:2280901	SSF x Far_LoA	-6,386	-0,066	0,302
CHR11	2304046	CHR11:2304046	SSF x Far_LoA	-8,312	-0,142	0,298
CHR11	2304060	CHR11:2304060	SSF x Far_LoA	-8,821	-0,075	0,292
CHR11	2304166	CHR11:2304166	SSF x Far_LoA	-10,472	-0,021	0,293
CHR11	2304167	CHR11:2304167	SSF x Far_LoA	-8,980	0,045	0,306
CHR11	2304221	CHR11:2304221	SSF x Far_LoA	-9,917	-0,131	0,285
CHR11	2314466	CHR11:2314466	SSF x Far_LoA	-10,137	-0,104	0,277
CHR11	2314498	CHR11:2314498	SSF x Far_LoA	-6,639	0,036	0,303
CHR11	2314770	CHR11:2314770	SSF x Far_LoA	-10,021	0,087	0,275
CHR11	2314772	CHR11:2314772	SSF x Far_LoA	-9,943	0,084	0,267
CHR11	2314784	CHR11:2314784	SSF x Far_LoA	-9,630	0,085	0,287
CHR11	2314786	CHR11:2314786	SSF x Far_LoA	-10,798	0,067	0,288
CHR11	2314798	CHR11:2314798	SSF x Far_LoA	-9,832	-0,037	0,291
CHR11	2333751	CHR11:2333751	SSF x Far_LoA	-9,138	0,054	0,290
CHR11	2341211	CHR11:2341211	SSF x Far_LoA	-10,862	0,004	0,289
CHR11	2341249	CHR11:2341249	SSF x Far_LoA	-11,569	0,004	0,293
CHR11	2344271	CHR11:2344271	SSF x Far_LoA	-10,518	0,126	0,284
CHR11	2344495	CHR11:2344495	SSF x Far_LoA	-10,130	0,060	0,288
CHR11	2352398	CHR11:2352398	SSF x Far_LoA	-9,375	0,027	0,297
CHR11	2421192	CHR11:2421192	SSF x Far_LoA	-8,995	0,052	0,289
CHR11	2426852	CHR11:2426852	SSF x Far_LoA	-8,501	0,018	0,281
CHR11	2427478	CHR11:2427478	SSF x Far_LoA	-6,998	-0,037	0,291
CHR11	2435697	CHR11:2435697	SSF x Far_LoA	-8,534	0,050	0,291
CHR11	2435844	CHR11:2435844	SSF x Far_LoA	-8,926	0,009	0,296
CHR11	2441683	CHR11:2441683	SSF x Far_LoA	-8,445	0,087	0,290
CHR11	2466913	CHR11:2466913	SSF x Far_LoA	-8,676	-0,003	0,302
CHR11	2466931	CHR11:2466931	SSF x Far_LoA	-7,117	-0,085	0,293
CHR11	2506315	CHR11:2506315	SSF x Far_LoA	-8,082	0,050	0,287
CHR11	2515217	CHR11:2515217	SSF x Far_LoA	-10,854	-0,103	0,288
CHR11	2530863	CHR11:2530863	SSF x Far_LoA	-9,746	-0,054	0,292
CHR11	2536678	CHR11:2536678	SSF x Far_LoA	-11,683	-0,049	0,288
CHR11	2536802	CHR11:2536802	SSF x Far_LoA	-10,008	-0,118	0,291
CHR11	2545284	CHR11:2545284	SSF x Far_LoA	-5,986	-0,077	0,281

CHR11	2555558	CHR11:2555558	SSF x Far_LoA	-10,751	0,084	0,280
CHR11	2555571	CHR11:2555571	SSF x Far_LoA	-9,260	0,094	0,297
CHR11	2555745	CHR11:2555745	SSF x Far_LoA	-10,402	-0,004	0,295
CHR11	2569186	CHR11:2569186	SSF x Far_LoA	-9,526	0,083	0,299
CHR11	2603031	CHR11:2603031	SSF x Far_LoA	-8,344	0,049	0,293
CHR11	2603040	CHR11:2603040	SSF x Far_LoA	-7,879	0,041	0,293
CHR11	2603081	CHR11:2603081	SSF x Far_LoA	-7,028	0,056	0,281
CHR11	2603243	CHR11:2603243	SSF x Far_LoA	-12,400	-0,032	0,275
CHR11	2639925	CHR11:2639925	SSF x Far_LoA	-8,918	-0,051	0,281
CHR11	2640050	CHR11:2640050	SSF x Far_LoA	-11,824	0,005	0,290
CHR11	2640157	CHR11:2640157	SSF x Far_LoA	-8,870	-0,034	0,289
CHR11	2640189	CHR11:2640189	SSF x Far_LoA	-10,134	-0,020	0,293
CHR11	2649293	CHR11:2649293	SSF x Far_LoA	-4,282	0,212	0,271
CHR11	2653838	CHR11:2653838	SSF x Far_LoA	-10,235	0,082	0,293
CHR11	266276	CHR11:266276	SSF x Far_LoA	-7,922	-0,122	0,301
CHR11	266413	CHR11:266413	SSF x Far_LoA	-4,838	0,190	0,273
CHR11	2703661	CHR11:2703661	SSF x Far_LoA	-8,222	-0,013	0,300
CHR11	2703704	CHR11:2703704	SSF x Far_LoA	-9,606	0,105	0,298
CHR11	2703776	CHR11:2703776	SSF x Far_LoA	-9,089	0,112	0,279
CHR11	2703830	CHR11:2703830	SSF x Far_LoA	1,252	-0,114	0,292
CHR11	2703855	CHR11:2703855	SSF x Far_LoA	-8,787	-0,005	0,295
CHR11	2707691	CHR11:2707691	SSF x Far_LoA	-5,593	-0,018	0,298
CHR11	2707710	CHR11:2707710	SSF x Far_LoA	-8,782	-0,025	0,298
CHR11	2845635	CHR11:2845635	SSF x Far_LoA	-9,616	-0,099	0,278
CHR11	2861147	CHR11:2861147	SSF x Far_LoA	-11,913	-0,049	0,290
CHR11	2861180	CHR11:2861180	SSF x Far_LoA	-9,592	-0,053	0,285
CHR11	2861386	CHR11:2861386	SSF x Far_LoA	-8,258	-0,108	0,280
CHR11	2861464	CHR11:2861464	SSF x Far_LoA	-7,029	-0,159	0,292
CHR11	2867841	CHR11:2867841	SSF x Far_LoA	-7,520	0,058	0,296
CHR11	2868027	CHR11:2868027	SSF x Far_LoA	-9,594	0,110	0,288
CHR11	2868033	CHR11:2868033	SSF x Far_LoA	-9,338	0,101	0,291
CHR11	2868059	CHR11:2868059	SSF x Far_LoA	-8,858	-0,031	0,303
CHR11	2868097	CHR11:2868097	SSF x Far_LoA	-9,638	0,049	0,283
CHR11	2868116	CHR11:2868116	SSF x Far_LoA	-7,054	0,078	0,285
CHR11	2868117	CHR11:2868117	SSF x Far_LoA	-7,670	0,034	0,286
CHR11	2868123	CHR11:2868123	SSF x Far_LoA	-8,974	0,076	0,283
CHR11	2868126	CHR11:2868126	SSF x Far_LoA	-9,076	0,064	0,282
CHR11	2868129	CHR11:2868129	SSF x Far_LoA	-8,429	0,073	0,290
CHR11	2871927	CHR11:2871927	SSF x Far_LoA	-10,520	0,008	0,278
CHR11	2871928	CHR11:2871928	SSF x Far_LoA	-10,729	0,015	0,274
CHR11	2871944	CHR11:2871944	SSF x Far_LoA	-10,001	0,009	0,288
CHR11	2871954	CHR11:2871954	SSF x Far_LoA	-9,872	0,011	0,287
CHR11	2872006	CHR11:2872006	SSF x Far_LoA	-10,442	0,018	0,287
CHR11	2872042	CHR11:2872042	SSF x Far_LoA	-8,683	-0,088	0,301
CHR11	2872088	CHR11:2872088	SSF x Far_LoA	-11,032	-0,023	0,305
CHR11	2876404	CHR11:2876404	SSF x Far_LoA	-10,048	-0,047	0,293
CHR11	2876425	CHR11:2876425	SSF x Far_LoA	-8,826	0,086	0,287
CHR11	2876649	CHR11:2876649	SSF x Far_LoA	-8,310	0,038	0,287
CHR11	2894309	CHR11:2894309	SSF x Far_LoA	-11,813	-0,037	0,283
CHR11	2900336	CHR11:2900336	SSF x Far_LoA	-9,999	-0,042	0,299
CHR11	2900705	CHR11:2900705	SSF x Far_LoA	-9,369	0,119	0,300
CHR11	2915734	CHR11:2915734	SSF x Far_LoA	-6,778	-0,192	0,273
CHR11	2915788	CHR11:2915788	SSF x Far_LoA	-6,871	-0,132	0,278

CHR11	2915818	CHR11:2915818	SSF x Far_LoA	-8,518	-0,081	0,292
CHR11	2915855	CHR11:2915855	SSF x Far_LoA	-7,824	-0,072	0,291
CHR11	2915903	CHR11:2915903	SSF x Far_LoA	-9,724	0,058	0,287
CHR11	2915906	CHR11:2915906	SSF x Far_LoA	-6,514	-0,068	0,295
CHR11	2915920	CHR11:2915920	SSF x Far_LoA	-9,513	-0,109	0,287
CHR11	2915975	CHR11:2915975	SSF x Far_LoA	-6,309	-0,076	0,300
CHR11	2920768	CHR11:2920768	SSF x Far_LoA	-9,531	-0,004	0,279
CHR11	2920859	CHR11:2920859	SSF x Far_LoA	-8,845	0,075	0,291
CHR11	2920872	CHR11:2920872	SSF x Far_LoA	-7,304	0,168	0,283
CHR11	2920951	CHR11:2920951	SSF x Far_LoA	-8,857	0,012	0,296
CHR11	2920957	CHR11:2920957	SSF x Far_LoA	-8,772	0,061	0,291
CHR11	2926923	CHR11:2926923	SSF x Far_LoA	-9,429	0,068	0,297
CHR11	2926942	CHR11:2926942	SSF x Far_LoA	-9,021	0,005	0,291
CHR11	2928789	CHR11:2928789	SSF x Far_LoA	1,010	-0,174	0,267
CHR11	2929803	CHR11:2929803	SSF x Far_LoA	-11,211	0,020	0,290
CHR11	2929919	CHR11:2929919	SSF x Far_LoA	-8,660	-0,159	0,276
CHR11	2929996	CHR11:2929996	SSF x Far_LoA	-7,880	0,025	0,300
CHR11	2930092	CHR11:2930092	SSF x Far_LoA	-1,592	-0,240	0,266
CHR11	2944167	CHR11:2944167	SSF x Far_LoA	-4,607	-0,090	0,292
CHR11	2947147	CHR11:2947147	SSF x Far_LoA	-6,531	-0,010	0,282
CHR11	2953945	CHR11:2953945	SSF x Far_LoA	-6,894	0,198	0,281
CHR11	2953949	CHR11:2953949	SSF x Far_LoA	-7,821	0,135	0,266
CHR11	2953953	CHR11:2953953	SSF x Far_LoA	-10,131	0,065	0,273
CHR11	2954203	CHR11:2954203	SSF x Far_LoA	-8,818	0,153	0,283
CHR11	2954226	CHR11:2954226	SSF x Far_LoA	-8,348	0,125	0,293
CHR11	2954275	CHR11:2954275	SSF x Far_LoA	-8,423	-0,026	0,289
CHR11	2954315	CHR11:2954315	SSF x Far_LoA	-6,104	0,102	0,297
CHR11	2983761	CHR11:2983761	SSF x Far_LoA	-7,984	-0,107	0,287
CHR11	2983771	CHR11:2983771	SSF x Far_LoA	-6,392	-0,143	0,283
CHR11	2983805	CHR11:2983805	SSF x Far_LoA	3,642	-0,123	0,283
CHR11	2983837	CHR11:2983837	SSF x Far_LoA	-8,829	0,108	0,273
CHR11	2983842	CHR11:2983842	SSF x Far_LoA	-8,190	-0,139	0,281
CHR11	2983883	CHR11:2983883	SSF x Far_LoA	-10,886	0,016	0,288
CHR11	2984135	CHR11:2984135	SSF x Far_LoA	-6,305	-0,094	0,285
CHR11	2984170	CHR11:2984170	SSF x Far_LoA	-7,046	0,056	0,305
CHR11	2984174	CHR11:2984174	SSF x Far_LoA	-11,533	-0,013	0,289
CHR11	2992286	CHR11:2992286	SSF x Far_LoA	-9,303	-0,015	0,297
CHR11	300274	CHR11:300274	SSF x Far_LoA	-10,528	-0,003	0,293
CHR11	3014548	CHR11:3014548	SSF x Far_LoA	-9,591	0,073	0,287
CHR11	3014583	CHR11:3014583	SSF x Far_LoA	-8,141	0,023	0,313
CHR11	3014626	CHR11:3014626	SSF x Far_LoA	-5,523	-0,055	0,283
CHR11	3017266	CHR11:3017266	SSF x Far_LoA	-9,957	0,032	0,284
CHR11	3017291	CHR11:3017291	SSF x Far_LoA	-10,582	-0,083	0,292
CHR11	3017301	CHR11:3017301	SSF x Far_LoA	-12,024	-0,016	0,292
CHR11	3057135	CHR11:3057135	SSF x Far_LoA	-8,674	-0,029	0,287
CHR11	3057232	CHR11:3057232	SSF x Far_LoA	-10,130	0,005	0,293
CHR11	3057237	CHR11:3057237	SSF x Far_LoA	-7,857	0,107	0,281
CHR11	3076381	CHR11:3076381	SSF x Far_LoA	-9,269	-0,026	0,294
CHR11	3076702	CHR11:3076702	SSF x Far_LoA	-11,232	0,033	0,297
CHR11	3076768	CHR11:3076768	SSF x Far_LoA	-4,124	0,038	0,304
CHR11	3112313	CHR11:3112313	SSF x Far_LoA	-10,402	-0,015	0,281
CHR11	3114998	CHR11:3114998	SSF x Far_LoA	-10,404	-0,051	0,294
CHR11	3114999	CHR11:3114999	SSF x Far_LoA	-10,100	-0,055	0,278

CHR11	3115000	CHR11:3115000	SSF x Far_LoA	-9,888	-0,047	0,306
CHR11	3115127	CHR11:3115127	SSF x Far_LoA	-10,333	-0,046	0,295
CHR11	3117752	CHR11:3117752	SSF x Far_LoA	-3,263	0,186	0,289
CHR11	3117812	CHR11:3117812	SSF x Far_LoA	-8,220	-0,024	0,296
CHR11	3127206	CHR11:3127206	SSF x Far_LoA	-8,406	-0,097	0,278
CHR11	3127207	CHR11:3127207	SSF x Far_LoA	-11,909	0,077	0,270
CHR11	3127283	CHR11:3127283	SSF x Far_LoA	-8,595	-0,032	0,298
CHR11	3129842	CHR11:3129842	SSF x Far_LoA	-7,117	0,085	0,291
CHR11	3151743	CHR11:3151743	SSF x Far_LoA	-9,465	-0,070	0,281
CHR11	3161336	CHR11:3161336	SSF x Far_LoA	-10,329	-0,041	0,297
CHR11	3161371	CHR11:3161371	SSF x Far_LoA	-8,067	0,146	0,279
CHR11	3161383	CHR11:3161383	SSF x Far_LoA	-7,108	0,162	0,279
CHR11	3167344	CHR11:3167344	SSF x Far_LoA	-11,384	-0,007	0,290
CHR11	3167369	CHR11:3167369	SSF x Far_LoA	-8,478	0,010	0,293
CHR11	3167405	CHR11:3167405	SSF x Far_LoA	-7,134	0,078	0,298
CHR11	3167438	CHR11:3167438	SSF x Far_LoA	-8,682	0,005	0,293
CHR11	3175563	CHR11:3175563	SSF x Far_LoA	-9,788	-0,008	0,292
CHR11	3175734	CHR11:3175734	SSF x Far_LoA	-8,614	0,019	0,284
CHR11	3182434	CHR11:3182434	SSF x Far_LoA	-9,218	0,064	0,303
CHR11	3182451	CHR11:3182451	SSF x Far_LoA	-10,236	0,043	0,290
CHR11	3182488	CHR11:3182488	SSF x Far_LoA	-7,289	-0,083	0,278
CHR11	3182509	CHR11:3182509	SSF x Far_LoA	-9,220	0,074	0,285
CHR11	3182551	CHR11:3182551	SSF x Far_LoA	-6,156	0,105	0,301
CHR11	3182592	CHR11:3182592	SSF x Far_LoA	-8,998	0,017	0,298
CHR11	3184844	CHR11:3184844	SSF x Far_LoA	-9,570	-0,006	0,286
CHR11	3197926	CHR11:3197926	SSF x Far_LoA	-10,269	0,093	0,289
CHR11	3197985	CHR11:3197985	SSF x Far_LoA	-11,287	0,052	0,301
CHR11	3198754	CHR11:3198754	SSF x Far_LoA	-4,515	0,005	0,288
CHR11	3211331	CHR11:3211331	SSF x Far_LoA	-7,473	-0,061	0,285
CHR11	3211418	CHR11:3211418	SSF x Far_LoA	-8,506	0,020	0,292
CHR11	3211427	CHR11:3211427	SSF x Far_LoA	-8,998	0,027	0,291
CHR11	3211450	CHR11:3211450	SSF x Far_LoA	-10,524	0,025	0,292
CHR11	3211453	CHR11:3211453	SSF x Far_LoA	-7,338	-0,113	0,286
CHR11	3211471	CHR11:3211471	SSF x Far_LoA	-7,179	-0,148	0,300
CHR11	3211476	CHR11:3211476	SSF x Far_LoA	7,704	-0,094	0,302
CHR11	3213432	CHR11:3213432	SSF x Far_LoA	-9,328	0,052	0,296
CHR11	3213471	CHR11:3213471	SSF x Far_LoA	-7,941	-0,046	0,286
CHR11	3213489	CHR11:3213489	SSF x Far_LoA	-9,059	0,018	0,307
CHR11	3213490	CHR11:3213490	SSF x Far_LoA	-7,457	0,012	0,297
CHR11	3213511	CHR11:3213511	SSF x Far_LoA	-10,892	0,028	0,292
CHR11	3213512	CHR11:3213512	SSF x Far_LoA	-8,413	-0,057	0,285
CHR11	3213518	CHR11:3213518	SSF x Far_LoA	-11,138	0,023	0,301
CHR11	3213549	CHR11:3213549	SSF x Far_LoA	-6,188	0,107	0,302
CHR11	3213552	CHR11:3213552	SSF x Far_LoA	-7,929	-0,058	0,299
CHR11	3213590	CHR11:3213590	SSF x Far_LoA	-6,780	0,011	0,292
CHR11	3213652	CHR11:3213652	SSF x Far_LoA	-8,133	-0,023	0,279
CHR11	3215341	CHR11:3215341	SSF x Far_LoA	-7,111	-0,077	0,283
CHR11	3215352	CHR11:3215352	SSF x Far_LoA	-11,052	-0,030	0,287
CHR11	3215361	CHR11:3215361	SSF x Far_LoA	-3,938	0,168	0,280
CHR11	3226850	CHR11:3226850	SSF x Far_LoA	-10,587	0,088	0,289
CHR11	3226882	CHR11:3226882	SSF x Far_LoA	-5,883	-0,152	0,292
CHR11	3226987	CHR11:3226987	SSF x Far_LoA	-10,063	0,085	0,289
CHR11	3227046	CHR11:3227046	SSF x Far_LoA	-7,056	-0,085	0,297

CHR11	3230528	CHR11:3230528	SSF x Far_LoA	-9,127	0,041	0,303
CHR11	3270049	CHR11:3270049	SSF x Far_LoA	-9,481	0,068	0,284
CHR11	3270051	CHR11:3270051	SSF x Far_LoA	-4,646	-0,146	0,282
CHR11	3271417	CHR11:3271417	SSF x Far_LoA	-7,501	0,115	0,291
CHR11	3271466	CHR11:3271466	SSF x Far_LoA	-8,538	0,032	0,286
CHR11	3271499	CHR11:3271499	SSF x Far_LoA	-10,993	0,079	0,290
CHR11	3271513	CHR11:3271513	SSF x Far_LoA	-8,057	0,059	0,296
CHR11	3302891	CHR11:3302891	SSF x Far_LoA	-8,534	0,025	0,277
CHR11	3302937	CHR11:3302937	SSF x Far_LoA	-11,129	0,020	0,288
CHR11	3303626	CHR11:3303626	SSF x Far_LoA	-9,526	-0,028	0,280
CHR11	330773	CHR11:330773	SSF x Far_LoA	-11,540	0,033	0,292
CHR11	3320066	CHR11:3320066	SSF x Far_LoA	-9,597	-0,104	0,308
CHR11	3320186	CHR11:3320186	SSF x Far_LoA	-11,417	-0,049	0,303
CHR11	3320246	CHR11:3320246	SSF x Far_LoA	-9,834	-0,085	0,294
CHR11	3321455	CHR11:3321455	SSF x Far_LoA	-8,637	-0,075	0,287
CHR11	3326354	CHR11:3326354	SSF x Far_LoA	-7,122	0,119	0,292
CHR11	3326375	CHR11:3326375	SSF x Far_LoA	-11,039	-0,059	0,294
CHR11	3334696	CHR11:3334696	SSF x Far_LoA	-10,560	0,069	0,281
CHR11	3357330	CHR11:3357330	SSF x Far_LoA	-9,323	0,022	0,289
CHR11	3357378	CHR11:3357378	SSF x Far_LoA	-8,848	0,061	0,295
CHR11	3357384	CHR11:3357384	SSF x Far_LoA	-7,589	0,064	0,306
CHR11	3357702	CHR11:3357702	SSF x Far_LoA	-8,215	0,018	0,289
CHR11	3357789	CHR11:3357789	SSF x Far_LoA	-7,992	-0,075	0,289
CHR11	336314	CHR11:336314	SSF x Far_LoA	-10,917	0,008	0,301
CHR11	336653	CHR11:336653	SSF x Far_LoA	-8,966	0,045	0,289
CHR11	3379272	CHR11:3379272	SSF x Far_LoA	-10,712	0,044	0,279
CHR11	3379397	CHR11:3379397	SSF x Far_LoA	-9,628	0,030	0,291
CHR11	3381080	CHR11:3381080	SSF x Far_LoA	-7,356	-0,128	0,286
CHR11	3381355	CHR11:3381355	SSF x Far_LoA	-9,543	-0,024	0,280
CHR11	3381555	CHR11:3381555	SSF x Far_LoA	-6,607	-0,035	0,303
CHR11	3390672	CHR11:3390672	SSF x Far_LoA	-7,750	0,090	0,289
CHR11	3390788	CHR11:3390788	SSF x Far_LoA	-10,876	0,035	0,297
CHR11	3390890	CHR11:3390890	SSF x Far_LoA	-8,242	-0,188	0,286
CHR11	3390895	CHR11:3390895	SSF x Far_LoA	-8,790	-0,195	0,277
CHR11	3390897	CHR11:3390897	SSF x Far_LoA	-8,599	-0,214	0,286
CHR11	3419728	CHR11:3419728	SSF x Far_LoA	-9,630	-0,120	0,290
CHR11	3419853	CHR11:3419853	SSF x Far_LoA	-8,750	-0,120	0,295
CHR11	3421513	CHR11:3421513	SSF x Far_LoA	-8,222	-0,105	0,299
CHR11	3429041	CHR11:3429041	SSF x Far_LoA	-10,466	-0,089	0,285
CHR11	3429045	CHR11:3429045	SSF x Far_LoA	-11,607	-0,030	0,274
CHR11	3431409	CHR11:3431409	SSF x Far_LoA	-9,540	-0,011	0,284
CHR11	3431507	CHR11:3431507	SSF x Far_LoA	-6,682	0,119	0,286
CHR11	3431517	CHR11:3431517	SSF x Far_LoA	-9,874	0,090	0,281
CHR11	3442229	CHR11:3442229	SSF x Far_LoA	-3,121	0,154	0,285
CHR11	3442343	CHR11:3442343	SSF x Far_LoA	-10,507	0,022	0,280
CHR11	3447342	CHR11:3447342	SSF x Far_LoA	-10,434	-0,079	0,285
CHR11	3450288	CHR11:3450288	SSF x Far_LoA	-9,820	0,026	0,283
CHR11	3450289	CHR11:3450289	SSF x Far_LoA	-8,570	-0,023	0,281
CHR11	3450313	CHR11:3450313	SSF x Far_LoA	-10,020	0,002	0,278
CHR11	3450346	CHR11:3450346	SSF x Far_LoA	-8,809	0,030	0,291
CHR11	3450386	CHR11:3450386	SSF x Far_LoA	-11,781	0,024	0,280
CHR11	3450387	CHR11:3450387	SSF x Far_LoA	-8,075	0,069	0,285
CHR11	3450413	CHR11:3450413	SSF x Far_LoA	-12,227	0,059	0,275

CHR11	3450427	CHR11:3450427	SSF x Far_LoA	-7,307	-0,080	0,289
CHR11	3450540	CHR11:3450540	SSF x Far_LoA	-8,188	0,080	0,290
CHR11	3456587	CHR11:3456587	SSF x Far_LoA	-7,489	-0,081	0,288
CHR11	3456764	CHR11:3456764	SSF x Far_LoA	-9,256	-0,003	0,275
CHR11	3469511	CHR11:3469511	SSF x Far_LoA	-7,786	0,014	0,286
CHR11	3469589	CHR11:3469589	SSF x Far_LoA	-8,706	0,006	0,290
CHR11	3474162	CHR11:3474162	SSF x Far_LoA	-5,585	0,104	0,277
CHR11	3474164	CHR11:3474164	SSF x Far_LoA	-9,819	0,040	0,277
CHR11	3474256	CHR11:3474256	SSF x Far_LoA	-7,182	-0,086	0,269
CHR11	3474258	CHR11:3474258	SSF x Far_LoA	-5,715	-0,105	0,284
CHR11	3474278	CHR11:3474278	SSF x Far_LoA	-7,751	-0,111	0,289
CHR11	3474294	CHR11:3474294	SSF x Far_LoA	-11,540	-0,008	0,286
CHR11	3495132	CHR11:3495132	SSF x Far_LoA	-11,316	-0,040	0,291
CHR11	3503114	CHR11:3503114	SSF x Far_LoA	-7,075	-0,003	0,299
CHR11	3513376	CHR11:3513376	SSF x Far_LoA	-7,890	0,075	0,296
CHR11	3513428	CHR11:3513428	SSF x Far_LoA	-10,857	0,104	0,287
CHR11	3513679	CHR11:3513679	SSF x Far_LoA	-7,405	-0,090	0,312
CHR11	3518458	CHR11:3518458	SSF x Far_LoA	-9,960	-0,020	0,286
CHR11	3529215	CHR11:3529215	SSF x Far_LoA	-10,232	-0,034	0,307
CHR11	3529272	CHR11:3529272	SSF x Far_LoA	-9,522	-0,008	0,274
CHR11	3529359	CHR11:3529359	SSF x Far_LoA	-6,414	0,155	0,289
CHR11	3540382	CHR11:3540382	SSF x Far_LoA	-10,400	0,019	0,276
CHR11	3540388	CHR11:3540388	SSF x Far_LoA	-8,606	0,080	0,270
CHR11	3540393	CHR11:3540393	SSF x Far_LoA	-7,838	-0,119	0,284
CHR11	3540465	CHR11:3540465	SSF x Far_LoA	-8,849	0,054	0,286
CHR11	3540491	CHR11:3540491	SSF x Far_LoA	-6,945	0,148	0,283
CHR11	3540532	CHR11:3540532	SSF x Far_LoA	-4,664	-0,062	0,302
CHR11	355311	CHR11:355311	SSF x Far_LoA	-9,329	0,009	0,286
CHR11	3553151	CHR11:3553151	SSF x Far_LoA	-7,182	0,046	0,285
CHR11	3554047	CHR11:3554047	SSF x Far_LoA	-8,243	-0,133	0,289
CHR11	3578831	CHR11:3578831	SSF x Far_LoA	-11,234	0,068	0,289
CHR11	3588571	CHR11:3588571	SSF x Far_LoA	-8,537	-0,073	0,308
CHR11	3590730	CHR11:3590730	SSF x Far_LoA	-10,726	0,102	0,281
CHR11	3613919	CHR11:3613919	SSF x Far_LoA	-7,965	-0,071	0,276
CHR11	3614022	CHR11:3614022	SSF x Far_LoA	-10,790	0,144	0,290
CHR11	3614024	CHR11:3614024	SSF x Far_LoA	-10,196	0,133	0,280
CHR11	3614060	CHR11:3614060	SSF x Far_LoA	-6,983	0,216	0,274
CHR11	3614066	CHR11:3614066	SSF x Far_LoA	-6,881	0,187	0,277
CHR11	3614081	CHR11:3614081	SSF x Far_LoA	-9,513	0,043	0,305
CHR11	3614097	CHR11:3614097	SSF x Far_LoA	-9,676	0,057	0,301
CHR11	3614098	CHR11:3614098	SSF x Far_LoA	-10,086	0,044	0,298
CHR11	365671	CHR11:365671	SSF x Far_LoA	-9,141	0,027	0,298
CHR11	365877	CHR11:365877	SSF x Far_LoA	-4,704	0,044	0,309
CHR11	3662722	CHR11:3662722	SSF x Far_LoA	-9,909	-0,004	0,296
CHR11	3662736	CHR11:3662736	SSF x Far_LoA	-9,910	-0,040	0,281
CHR11	3662758	CHR11:3662758	SSF x Far_LoA	-8,612	-0,016	0,282
CHR11	3674546	CHR11:3674546	SSF x Far_LoA	-8,924	-0,070	0,289
CHR11	3680667	CHR11:3680667	SSF x Far_LoA	-9,299	-0,025	0,281
CHR11	371114	CHR11:371114	SSF x Far_LoA	-8,107	0,142	0,290
CHR11	371122	CHR11:371122	SSF x Far_LoA	-8,507	-0,064	0,294
CHR11	371128	CHR11:371128	SSF x Far_LoA	-0,020	-0,103	0,307
CHR11	371213	CHR11:371213	SSF x Far_LoA	-9,642	-0,138	0,283
CHR11	371226	CHR11:371226	SSF x Far_LoA	-8,158	-0,008	0,291

CHR11	3715655	CHR11:3715655	SSF x Far_LoA	-8,661	-0,169	0,282
CHR11	3715666	CHR11:3715666	SSF x Far_LoA	-6,277	-0,137	0,296
CHR11	3715723	CHR11:3715723	SSF x Far_LoA	-8,349	-0,108	0,290
CHR11	3715744	CHR11:3715744	SSF x Far_LoA	-10,690	0,017	0,295
CHR11	3715942	CHR11:3715942	SSF x Far_LoA	-9,216	-0,051	0,298
CHR11	3718281	CHR11:3718281	SSF x Far_LoA	-10,977	-0,116	0,276
CHR11	3725109	CHR11:3725109	SSF x Far_LoA	-10,521	0,113	0,280
CHR11	3725117	CHR11:3725117	SSF x Far_LoA	-11,105	0,058	0,278
CHR11	3725125	CHR11:3725125	SSF x Far_LoA	-11,136	0,005	0,281
CHR11	3725139	CHR11:3725139	SSF x Far_LoA	-7,567	-0,110	0,296
CHR11	3725163	CHR11:3725163	SSF x Far_LoA	-10,933	-0,028	0,295
CHR11	3725290	CHR11:3725290	SSF x Far_LoA	-10,804	0,054	0,295
CHR11	3725321	CHR11:3725321	SSF x Far_LoA	-10,308	-0,050	0,299
CHR11	372907	CHR11:372907	SSF x Far_LoA	-10,502	0,085	0,292
CHR11	3765238	CHR11:3765238	SSF x Far_LoA	-9,477	0,066	0,284
CHR11	3765323	CHR11:3765323	SSF x Far_LoA	-10,295	0,018	0,294
CHR11	3765389	CHR11:3765389	SSF x Far_LoA	-8,698	0,093	0,308
CHR11	3765429	CHR11:3765429	SSF x Far_LoA	-7,893	0,027	0,294
CHR11	3765441	CHR11:3765441	SSF x Far_LoA	-9,390	-0,034	0,310
CHR11	3765482	CHR11:3765482	SSF x Far_LoA	-9,350	0,000	0,306
CHR11	3778707	CHR11:3778707	SSF x Far_LoA	-10,066	-0,095	0,295
CHR11	3778758	CHR11:3778758	SSF x Far_LoA	-10,889	0,046	0,275
CHR11	3778759	CHR11:3778759	SSF x Far_LoA	-12,073	0,053	0,291
CHR11	3778775	CHR11:3778775	SSF x Far_LoA	-1,865	0,111	0,287
CHR11	3778799	CHR11:3778799	SSF x Far_LoA	-8,909	0,021	0,302
CHR11	3806975	CHR11:3806975	SSF x Far_LoA	-9,274	0,019	0,291
CHR11	3810878	CHR11:3810878	SSF x Far_LoA	-7,207	0,013	0,293
CHR11	3811160	CHR11:3811160	SSF x Far_LoA	-8,867	0,077	0,281
CHR11	381598	CHR11:381598	SSF x Far_LoA	-8,819	-0,008	0,293
CHR11	381621	CHR11:381621	SSF x Far_LoA	-8,061	0,179	0,275
CHR11	381645	CHR11:381645	SSF x Far_LoA	-8,675	-0,069	0,316
CHR11	381690	CHR11:381690	SSF x Far_LoA	-11,654	0,121	0,278
CHR11	381706	CHR11:381706	SSF x Far_LoA	-11,625	-0,022	0,294
CHR11	3826105	CHR11:3826105	SSF x Far_LoA	-8,562	0,063	0,287
CHR11	3826163	CHR11:3826163	SSF x Far_LoA	-6,547	-0,176	0,281
CHR11	3826165	CHR11:3826165	SSF x Far_LoA	-10,598	-0,052	0,292
CHR11	3826206	CHR11:3826206	SSF x Far_LoA	-9,159	0,043	0,283
CHR11	3826259	CHR11:3826259	SSF x Far_LoA	-5,457	0,100	0,281
CHR11	3826260	CHR11:3826260	SSF x Far_LoA	-9,500	0,009	0,299
CHR11	3826298	CHR11:3826298	SSF x Far_LoA	-8,775	0,002	0,296
CHR11	3841746	CHR11:3841746	SSF x Far_LoA	-9,143	-0,065	0,286
CHR11	3841796	CHR11:3841796	SSF x Far_LoA	-11,784	-0,025	0,275
CHR11	3841956	CHR11:3841956	SSF x Far_LoA	-11,459	0,094	0,288
CHR11	3841982	CHR11:3841982	SSF x Far_LoA	-9,379	0,046	0,277
CHR11	3853716	CHR11:3853716	SSF x Far_LoA	-3,892	0,190	0,289
CHR11	3853717	CHR11:3853717	SSF x Far_LoA	-4,513	0,176	0,298
CHR11	3855970	CHR11:3855970	SSF x Far_LoA	-6,821	-0,062	0,287
CHR11	3856150	CHR11:3856150	SSF x Far_LoA	-11,329	-0,031	0,279
CHR11	3886453	CHR11:3886453	SSF x Far_LoA	-11,213	0,084	0,285
CHR11	3899980	CHR11:3899980	SSF x Far_LoA	-7,165	0,032	0,299
CHR11	3901432	CHR11:3901432	SSF x Far_LoA	-11,783	-0,033	0,285
CHR11	3901469	CHR11:3901469	SSF x Far_LoA	-9,160	0,016	0,291
CHR11	3901534	CHR11:3901534	SSF x Far_LoA	-9,649	-0,005	0,284

CHR11	3907545	CHR11:3907545	SSF x Far_LoA	-10,974	-0,065	0,299
CHR11	3907771	CHR11:3907771	SSF x Far_LoA	-9,814	0,052	0,260
CHR11	3917966	CHR11:3917966	SSF x Far_LoA	-9,289	0,055	0,277
CHR11	3917969	CHR11:3917969	SSF x Far_LoA	-9,072	0,027	0,286
CHR11	3918014	CHR11:3918014	SSF x Far_LoA	-8,741	0,055	0,287
CHR11	3918043	CHR11:3918043	SSF x Far_LoA	-8,383	-0,048	0,304
CHR11	3918045	CHR11:3918045	SSF x Far_LoA	-9,491	-0,026	0,290
CHR11	3918072	CHR11:3918072	SSF x Far_LoA	-7,848	-0,037	0,282
CHR11	3918156	CHR11:3918156	SSF x Far_LoA	-7,301	-0,053	0,297
CHR11	3918170	CHR11:3918170	SSF x Far_LoA	-10,123	-0,046	0,280
CHR11	3956821	CHR11:3956821	SSF x Far_LoA	-12,341	0,021	0,283
CHR11	3957104	CHR11:3957104	SSF x Far_LoA	-5,317	0,177	0,273
CHR11	3971637	CHR11:3971637	SSF x Far_LoA	-11,456	0,027	0,299
CHR11	3981576	CHR11:3981576	SSF x Far_LoA	-7,647	-0,128	0,284
CHR11	3981585	CHR11:3981585	SSF x Far_LoA	-8,663	0,018	0,286
CHR11	3981613	CHR11:3981613	SSF x Far_LoA	-11,602	0,070	0,286
CHR11	3982592	CHR11:3982592	SSF x Far_LoA	-11,379	-0,038	0,289
CHR11	3982620	CHR11:3982620	SSF x Far_LoA	-10,742	-0,009	0,294
CHR11	3982664	CHR11:3982664	SSF x Far_LoA	-11,240	0,016	0,296
CHR11	3994278	CHR11:3994278	SSF x Far_LoA	-8,039	-0,074	0,300
CHR11	4005727	CHR11:4005727	SSF x Far_LoA	-5,841	-0,058	0,296
CHR11	4005915	CHR11:4005915	SSF x Far_LoA	-8,321	0,028	0,278
CHR11	4005946	CHR11:4005946	SSF x Far_LoA	-11,639	-0,027	0,292
CHR11	4013593	CHR11:4013593	SSF x Far_LoA	-7,505	-0,130	0,291
CHR11	4013596	CHR11:4013596	SSF x Far_LoA	-6,420	0,110	0,293
CHR11	4013601	CHR11:4013601	SSF x Far_LoA	-6,882	0,040	0,298
CHR11	4013707	CHR11:4013707	SSF x Far_LoA	-8,745	0,056	0,284
CHR11	4022703	CHR11:4022703	SSF x Far_LoA	-7,638	-0,014	0,302
CHR11	4022749	CHR11:4022749	SSF x Far_LoA	-12,394	0,024	0,268
CHR11	4039812	CHR11:4039812	SSF x Far_LoA	-7,235	0,120	0,289
CHR11	4053466	CHR11:4053466	SSF x Far_LoA	-10,585	-0,018	0,285
CHR11	406270	CHR11:406270	SSF x Far_LoA	-10,590	-0,072	0,302
CHR11	4109356	CHR11:4109356	SSF x Far_LoA	-8,701	0,066	0,278
CHR11	4119570	CHR11:4119570	SSF x Far_LoA	-10,786	-0,042	0,286
CHR11	4130815	CHR11:4130815	SSF x Far_LoA	-11,599	-0,006	0,275
CHR11	4141535	CHR11:4141535	SSF x Far_LoA	-11,355	-0,055	0,295
CHR11	4153437	CHR11:4153437	SSF x Far_LoA	-8,501	0,159	0,274
CHR11	4158942	CHR11:4158942	SSF x Far_LoA	-8,756	0,022	0,301
CHR11	4200707	CHR11:4200707	SSF x Far_LoA	-7,161	0,131	0,275
CHR11	4200882	CHR11:4200882	SSF x Far_LoA	-7,935	0,090	0,285
CHR11	4207440	CHR11:4207440	SSF x Far_LoA	-7,682	-0,040	0,276
CHR11	4207514	CHR11:4207514	SSF x Far_LoA	-8,299	-0,016	0,284
CHR11	4207524	CHR11:4207524	SSF x Far_LoA	-0,658	-0,083	0,278
CHR11	4207533	CHR11:4207533	SSF x Far_LoA	-10,302	0,030	0,285
CHR11	4207680	CHR11:4207680	SSF x Far_LoA	-10,116	0,118	0,282
CHR11	4207689	CHR11:4207689	SSF x Far_LoA	-5,842	0,046	0,279
CHR11	4212078	CHR11:4212078	SSF x Far_LoA	-9,792	-0,002	0,283
CHR11	4212083	CHR11:4212083	SSF x Far_LoA	-8,653	-0,039	0,311
CHR11	4213505	CHR11:4213505	SSF x Far_LoA	-9,623	0,006	0,282
CHR11	4213515	CHR11:4213515	SSF x Far_LoA	-10,019	0,048	0,293
CHR11	4213517	CHR11:4213517	SSF x Far_LoA	-10,605	0,044	0,290
CHR11	4213547	CHR11:4213547	SSF x Far_LoA	-10,729	0,023	0,289
CHR11	4213758	CHR11:4213758	SSF x Far_LoA	-9,889	0,023	0,294

CHR11	4220386	CHR11:4220386	SSF x Far_LoA	-10,226	-0,117	0,286
CHR11	4254931	CHR11:4254931	SSF x Far_LoA	-8,237	-0,079	0,296
CHR11	4254953	CHR11:4254953	SSF x Far_LoA	-8,579	-0,116	0,296
CHR11	4254982	CHR11:4254982	SSF x Far_LoA	-10,497	0,031	0,286
CHR11	4275794	CHR11:4275794	SSF x Far_LoA	-10,025	-0,098	0,276
CHR11	4275881	CHR11:4275881	SSF x Far_LoA	-8,209	0,118	0,291
CHR11	4275898	CHR11:4275898	SSF x Far_LoA	-11,211	0,036	0,284
CHR11	4275922	CHR11:4275922	SSF x Far_LoA	-10,562	0,143	0,287
CHR11	4276019	CHR11:4276019	SSF x Far_LoA	-11,119	0,011	0,293
CHR11	4285568	CHR11:4285568	SSF x Far_LoA	-10,555	-0,087	0,282
CHR11	4285580	CHR11:4285580	SSF x Far_LoA	-7,810	-0,116	0,290
CHR11	4285609	CHR11:4285609	SSF x Far_LoA	-8,555	-0,028	0,297
CHR11	4285646	CHR11:4285646	SSF x Far_LoA	-6,972	0,066	0,282
CHR11	4285686	CHR11:4285686	SSF x Far_LoA	-9,318	0,035	0,279
CHR11	4285789	CHR11:4285789	SSF x Far_LoA	-8,380	-0,026	0,272
CHR11	4285822	CHR11:4285822	SSF x Far_LoA	-6,887	0,174	0,284
CHR11	4292851	CHR11:4292851	SSF x Far_LoA	-5,110	0,121	0,286
CHR11	4292922	CHR11:4292922	SSF x Far_LoA	-8,468	0,079	0,292
CHR11	4292976	CHR11:4292976	SSF x Far_LoA	-8,281	0,055	0,297
CHR11	4292993	CHR11:4292993	SSF x Far_LoA	-8,883	0,085	0,295
CHR11	4293032	CHR11:4293032	SSF x Far_LoA	-8,644	-0,015	0,277
CHR11	4293108	CHR11:4293108	SSF x Far_LoA	-10,146	0,037	0,283
CHR11	4293158	CHR11:4293158	SSF x Far_LoA	-11,091	0,029	0,290
CHR11	4293184	CHR11:4293184	SSF x Far_LoA	-9,358	0,066	0,280
CHR11	4293185	CHR11:4293185	SSF x Far_LoA	-4,799	0,067	0,298
CHR11	4293194	CHR11:4293194	SSF x Far_LoA	-9,729	0,022	0,296
CHR11	4297217	CHR11:4297217	SSF x Far_LoA	-8,974	0,149	0,287
CHR11	4297296	CHR11:4297296	SSF x Far_LoA	-9,137	0,018	0,281
CHR11	4297377	CHR11:4297377	SSF x Far_LoA	-11,584	-0,011	0,304
CHR11	4297595	CHR11:4297595	SSF x Far_LoA	-9,585	-0,077	0,310
CHR11	4297623	CHR11:4297623	SSF x Far_LoA	-11,263	-0,048	0,292
CHR11	4297637	CHR11:4297637	SSF x Far_LoA	-6,820	-0,107	0,290
CHR11	4297644	CHR11:4297644	SSF x Far_LoA	-6,838	-0,138	0,293
CHR11	4299851	CHR11:4299851	SSF x Far_LoA	-8,245	-0,033	0,288
CHR11	4299902	CHR11:4299902	SSF x Far_LoA	-9,061	-0,018	0,298
CHR11	4309326	CHR11:4309326	SSF x Far_LoA	-10,832	-0,097	0,287
CHR11	4309472	CHR11:4309472	SSF x Far_LoA	-8,566	-0,091	0,280
CHR11	4309482	CHR11:4309482	SSF x Far_LoA	-9,818	0,036	0,297
CHR11	4309505	CHR11:4309505	SSF x Far_LoA	-5,872	-0,109	0,296
CHR11	4326215	CHR11:4326215	SSF x Far_LoA	-10,132	0,022	0,290
CHR11	4326466	CHR11:4326466	SSF x Far_LoA	-7,288	0,084	0,302
CHR11	4326473	CHR11:4326473	SSF x Far_LoA	-9,087	0,013	0,309
CHR11	4326512	CHR11:4326512	SSF x Far_LoA	-5,081	0,122	0,272
CHR11	4348446	CHR11:4348446	SSF x Far_LoA	-6,535	0,080	0,294
CHR11	4348461	CHR11:4348461	SSF x Far_LoA	-10,605	0,063	0,298
CHR11	4348475	CHR11:4348475	SSF x Far_LoA	-10,248	0,083	0,270
CHR11	4348581	CHR11:4348581	SSF x Far_LoA	-10,065	0,064	0,284
CHR11	4348609	CHR11:4348609	SSF x Far_LoA	-9,894	0,037	0,300
CHR11	4348618	CHR11:4348618	SSF x Far_LoA	-8,610	0,067	0,288
CHR11	4361015	CHR11:4361015	SSF x Far_LoA	-10,421	0,048	0,281
CHR11	4378780	CHR11:4378780	SSF x Far_LoA	-5,208	0,137	0,281
CHR11	4378851	CHR11:4378851	SSF x Far_LoA	-8,728	0,051	0,285
CHR11	4381428	CHR11:4381428	SSF x Far_LoA	-10,499	-0,017	0,284

CHR11	4381482	CHR11:4381482	SSF x Far_LoA	-6,578	-0,193	0,288
CHR11	4388592	CHR11:4388592	SSF x Far_LoA	-6,311	-0,143	0,286
CHR11	4388598	CHR11:4388598	SSF x Far_LoA	-7,868	-0,067	0,280
CHR11	4390856	CHR11:4390856	SSF x Far_LoA	-7,996	0,055	0,289
CHR11	4393617	CHR11:4393617	SSF x Far_LoA	-10,711	-0,093	0,288
CHR11	4401630	CHR11:4401630	SSF x Far_LoA	-8,167	-0,087	0,282
CHR11	4401738	CHR11:4401738	SSF x Far_LoA	-8,790	-0,097	0,279
CHR11	4407821	CHR11:4407821	SSF x Far_LoA	-6,957	-0,142	0,288
CHR11	4407825	CHR11:4407825	SSF x Far_LoA	-8,155	-0,121	0,298
CHR11	4408015	CHR11:4408015	SSF x Far_LoA	-9,171	0,010	0,286
CHR11	4408020	CHR11:4408020	SSF x Far_LoA	-10,303	0,028	0,280
CHR11	4408039	CHR11:4408039	SSF x Far_LoA	-5,596	0,045	0,317
CHR11	4409108	CHR11:4409108	SSF x Far_LoA	-6,695	-0,171	0,291
CHR11	4416346	CHR11:4416346	SSF x Far_LoA	-11,521	0,059	0,284
CHR11	4444768	CHR11:4444768	SSF x Far_LoA	-10,072	-0,044	0,298
CHR11	4444845	CHR11:4444845	SSF x Far_LoA	-11,625	-0,017	0,282
CHR11	4445063	CHR11:4445063	SSF x Far_LoA	-10,953	-0,003	0,286
CHR11	4454635	CHR11:4454635	SSF x Far_LoA	-11,115	0,007	0,290
CHR11	4460136	CHR11:4460136	SSF x Far_LoA	-10,726	0,000	0,298
CHR11	4460159	CHR11:4460159	SSF x Far_LoA	-8,648	-0,033	0,291
CHR11	4460168	CHR11:4460168	SSF x Far_LoA	-9,173	-0,030	0,285
CHR11	4460251	CHR11:4460251	SSF x Far_LoA	-9,871	-0,103	0,306
CHR11	4460274	CHR11:4460274	SSF x Far_LoA	-10,592	-0,085	0,289
CHR11	4486054	CHR11:4486054	SSF x Far_LoA	-8,205	-0,082	0,301
CHR11	4486125	CHR11:4486125	SSF x Far_LoA	-12,130	0,009	0,297
CHR11	4486184	CHR11:4486184	SSF x Far_LoA	-9,341	0,119	0,292
CHR11	4487865	CHR11:4487865	SSF x Far_LoA	-4,450	-0,144	0,291
CHR11	4488188	CHR11:4488188	SSF x Far_LoA	-10,616	-0,009	0,299
CHR11	4490980	CHR11:4490980	SSF x Far_LoA	-8,071	-0,065	0,291
CHR11	4491079	CHR11:4491079	SSF x Far_LoA	-9,979	0,055	0,273
CHR11	4534366	CHR11:4534366	SSF x Far_LoA	-10,072	-0,091	0,299
CHR11	4534488	CHR11:4534488	SSF x Far_LoA	-9,216	0,004	0,287
CHR11	4534504	CHR11:4534504	SSF x Far_LoA	-7,539	-0,071	0,286
CHR11	4537635	CHR11:4537635	SSF x Far_LoA	-7,908	0,098	0,295
CHR11	4537805	CHR11:4537805	SSF x Far_LoA	-10,878	0,077	0,288
CHR11	4547279	CHR11:4547279	SSF x Far_LoA	-4,738	0,062	0,285
CHR11	4547345	CHR11:4547345	SSF x Far_LoA	-10,902	-0,090	0,288
CHR11	4547524	CHR11:4547524	SSF x Far_LoA	-9,332	0,052	0,299
CHR11	4547536	CHR11:4547536	SSF x Far_LoA	-10,477	0,054	0,290
CHR11	4547544	CHR11:4547544	SSF x Far_LoA	-9,593	-0,001	0,272
CHR11	4557843	CHR11:4557843	SSF x Far_LoA	-11,323	-0,038	0,287
CHR11	4557937	CHR11:4557937	SSF x Far_LoA	-8,991	0,033	0,297
CHR11	4557975	CHR11:4557975	SSF x Far_LoA	-7,253	-0,103	0,290
CHR11	4558039	CHR11:4558039	SSF x Far_LoA	-10,642	0,106	0,277
CHR11	4569466	CHR11:4569466	SSF x Far_LoA	-4,979	-0,013	0,299
CHR11	457967	CHR11:457967	SSF x Far_LoA	-6,899	0,121	0,274
CHR11	4610159	CHR11:4610159	SSF x Far_LoA	-6,409	-0,153	0,297
CHR11	4610186	CHR11:4610186	SSF x Far_LoA	-10,996	0,071	0,296
CHR11	4610221	CHR11:4610221	SSF x Far_LoA	-9,079	0,095	0,285
CHR11	4610280	CHR11:4610280	SSF x Far_LoA	-8,465	0,051	0,294
CHR11	4610317	CHR11:4610317	SSF x Far_LoA	-6,994	-0,110	0,294
CHR11	4610341	CHR11:4610341	SSF x Far_LoA	-9,838	0,048	0,293
CHR11	4610347	CHR11:4610347	SSF x Far_LoA	-9,388	0,075	0,285

CHR11	4610391	CHR11:4610391	SSF x Far_LoA	-9,526	0,069	0,291
CHR11	4610406	CHR11:4610406	SSF x Far_LoA	-4,308	-0,073	0,299
CHR11	4610412	CHR11:4610412	SSF x Far_LoA	-9,021	0,076	0,312
CHR11	4616208	CHR11:4616208	SSF x Far_LoA	-7,056	-0,089	0,276
CHR11	4624667	CHR11:4624667	SSF x Far_LoA	-9,440	-0,167	0,288
CHR11	4625513	CHR11:4625513	SSF x Far_LoA	-9,349	-0,003	0,290
CHR11	4648659	CHR11:4648659	SSF x Far_LoA	-5,190	-0,225	0,275
CHR11	4648856	CHR11:4648856	SSF x Far_LoA	-8,633	0,041	0,304
CHR11	4648873	CHR11:4648873	SSF x Far_LoA	-5,844	-0,039	0,298
CHR11	4654014	CHR11:4654014	SSF x Far_LoA	-9,371	0,168	0,294
CHR11	4654137	CHR11:4654137	SSF x Far_LoA	-8,474	0,205	0,280
CHR11	4665613	CHR11:4665613	SSF x Far_LoA	-10,664	-0,066	0,290
CHR11	470627	CHR11:470627	SSF x Far_LoA	0,164	0,094	0,288
CHR11	4709292	CHR11:4709292	SSF x Far_LoA	-7,443	-0,055	0,305
CHR11	472918	CHR11:472918	SSF x Far_LoA	-9,349	-0,045	0,303
CHR11	4753130	CHR11:4753130	SSF x Far_LoA	-11,283	0,042	0,290
CHR11	4777002	CHR11:4777002	SSF x Far_LoA	-9,903	0,107	0,288
CHR11	4777008	CHR11:4777008	SSF x Far_LoA	-8,029	-0,096	0,292
CHR11	4777118	CHR11:4777118	SSF x Far_LoA	-10,585	0,019	0,306
CHR11	4777241	CHR11:4777241	SSF x Far_LoA	-8,426	-0,088	0,292
CHR11	4777301	CHR11:4777301	SSF x Far_LoA	-1,596	-0,069	0,298
CHR11	4777452	CHR11:4777452	SSF x Far_LoA	-8,565	-0,017	0,307
CHR11	4782256	CHR11:4782256	SSF x Far_LoA	-9,978	0,097	0,270
CHR11	4783542	CHR11:4783542	SSF x Far_LoA	-5,358	0,070	0,288
CHR11	4783815	CHR11:4783815	SSF x Far_LoA	-10,099	0,014	0,300
CHR11	4791458	CHR11:4791458	SSF x Far_LoA	-7,523	0,036	0,293
CHR11	4791461	CHR11:4791461	SSF x Far_LoA	-9,226	0,001	0,293
CHR11	4791571	CHR11:4791571	SSF x Far_LoA	-8,730	-0,024	0,272
CHR11	4791576	CHR11:4791576	SSF x Far_LoA	-8,963	0,051	0,298
CHR11	4791662	CHR11:4791662	SSF x Far_LoA	-9,303	-0,031	0,288
CHR11	4799980	CHR11:4799980	SSF x Far_LoA	-8,558	-0,067	0,301
CHR11	4800181	CHR11:4800181	SSF x Far_LoA	-11,322	-0,004	0,293
CHR11	4800321	CHR11:4800321	SSF x Far_LoA	-9,197	0,023	0,295
CHR11	4824484	CHR11:4824484	SSF x Far_LoA	-9,418	-0,022	0,280
CHR11	4824553	CHR11:4824553	SSF x Far_LoA	-10,678	-0,044	0,292
CHR11	4841898	CHR11:4841898	SSF x Far_LoA	-7,223	-0,150	0,284
CHR11	4841934	CHR11:4841934	SSF x Far_LoA	-5,864	-0,182	0,277
CHR11	4841952	CHR11:4841952	SSF x Far_LoA	-8,625	-0,191	0,288
CHR11	4842011	CHR11:4842011	SSF x Far_LoA	-11,316	-0,061	0,302
CHR11	4842159	CHR11:4842159	SSF x Far_LoA	-10,728	-0,094	0,292
CHR11	4845683	CHR11:4845683	SSF x Far_LoA	-8,612	0,155	0,299
CHR11	4845835	CHR11:4845835	SSF x Far_LoA	-8,574	0,014	0,306
CHR11	4876798	CHR11:4876798	SSF x Far_LoA	-11,018	0,080	0,299
CHR11	4877141	CHR11:4877141	SSF x Far_LoA	-10,859	-0,033	0,279
CHR11	4885079	CHR11:4885079	SSF x Far_LoA	-11,350	-0,032	0,279
CHR11	4885396	CHR11:4885396	SSF x Far_LoA	-10,181	0,013	0,304
CHR11	4907563	CHR11:4907563	SSF x Far_LoA	-11,805	-0,011	0,282
CHR11	4907667	CHR11:4907667	SSF x Far_LoA	-10,394	0,011	0,303
CHR11	4907726	CHR11:4907726	SSF x Far_LoA	-10,334	0,041	0,293
CHR11	4907787	CHR11:4907787	SSF x Far_LoA	-8,988	-0,012	0,280
CHR11	4919895	CHR11:4919895	SSF x Far_LoA	-10,186	-0,087	0,280
CHR11	4921547	CHR11:4921547	SSF x Far_LoA	-1,690	-0,203	0,268
CHR11	4921652	CHR11:4921652	SSF x Far_LoA	-5,672	-0,110	0,282

CHR11	4927013	CHR11:4927013	SSF x Far_LoA	-9,874	0,063	0,304
CHR11	4933128	CHR11:4933128	SSF x Far_LoA	-7,140	0,042	0,288
CHR11	4947101	CHR11:4947101	SSF x Far_LoA	-11,052	-0,064	0,277
CHR11	4947297	CHR11:4947297	SSF x Far_LoA	-10,303	0,054	0,299
CHR11	4947321	CHR11:4947321	SSF x Far_LoA	-10,705	0,029	0,305
CHR11	4950512	CHR11:4950512	SSF x Far_LoA	-8,709	-0,073	0,283
CHR11	4973120	CHR11:4973120	SSF x Far_LoA	-11,348	-0,079	0,288
CHR11	4973313	CHR11:4973313	SSF x Far_LoA	-6,606	-0,060	0,301
CHR11	4988761	CHR11:4988761	SSF x Far_LoA	-7,435	-0,017	0,305
CHR11	4988765	CHR11:4988765	SSF x Far_LoA	-10,267	-0,092	0,308
CHR11	4988766	CHR11:4988766	SSF x Far_LoA	-12,254	-0,026	0,276
CHR11	5004589	CHR11:5004589	SSF x Far_LoA	-8,406	-0,032	0,293
CHR11	5004630	CHR11:5004630	SSF x Far_LoA	-10,323	0,078	0,294
CHR11	5018886	CHR11:5018886	SSF x Far_LoA	-8,713	-0,033	0,274
CHR11	5019198	CHR11:5019198	SSF x Far_LoA	-9,149	-0,026	0,287
CHR11	5023218	CHR11:5023218	SSF x Far_LoA	-9,499	0,057	0,298
CHR11	5023297	CHR11:5023297	SSF x Far_LoA	-7,218	-0,146	0,283
CHR11	5023306	CHR11:5023306	SSF x Far_LoA	-7,370	-0,163	0,284
CHR11	5023341	CHR11:5023341	SSF x Far_LoA	-9,119	0,079	0,292
CHR11	5023347	CHR11:5023347	SSF x Far_LoA	-6,141	0,091	0,298
CHR11	5026348	CHR11:5026348	SSF x Far_LoA	-11,545	0,012	0,283
CHR11	5026646	CHR11:5026646	SSF x Far_LoA	-7,102	-0,193	0,290
CHR11	5026748	CHR11:5026748	SSF x Far_LoA	-8,262	0,131	0,268
CHR11	5035828	CHR11:5035828	SSF x Far_LoA	-9,908	0,065	0,295
CHR11	5038586	CHR11:5038586	SSF x Far_LoA	-7,944	0,022	0,291
CHR11	5038601	CHR11:5038601	SSF x Far_LoA	-8,559	-0,095	0,300
CHR11	5040202	CHR11:5040202	SSF x Far_LoA	-8,848	0,014	0,286
CHR11	5040386	CHR11:5040386	SSF x Far_LoA	-12,166	0,022	0,279
CHR11	5040388	CHR11:5040388	SSF x Far_LoA	-10,143	0,011	0,280
CHR11	5040429	CHR11:5040429	SSF x Far_LoA	-10,917	0,023	0,292
CHR11	5055481	CHR11:5055481	SSF x Far_LoA	-11,774	-0,001	0,283
CHR11	5076848	CHR11:5076848	SSF x Far_LoA	-8,346	0,074	0,276
CHR11	5077193	CHR11:5077193	SSF x Far_LoA	-8,718	0,065	0,293
CHR11	5077221	CHR11:5077221	SSF x Far_LoA	-11,407	0,018	0,294
CHR11	5127508	CHR11:5127508	SSF x Far_LoA	-10,284	-0,067	0,294
CHR11	5127532	CHR11:5127532	SSF x Far_LoA	-8,257	-0,117	0,295
CHR11	5127693	CHR11:5127693	SSF x Far_LoA	-1,586	0,061	0,311
CHR11	5127699	CHR11:5127699	SSF x Far_LoA	-10,958	-0,012	0,265
CHR11	514806	CHR11:514806	SSF x Far_LoA	-9,308	0,016	0,289
CHR11	515027	CHR11:515027	SSF x Far_LoA	-7,978	-0,010	0,306
CHR11	5151849	CHR11:5151849	SSF x Far_LoA	-8,245	-0,003	0,287
CHR11	5151871	CHR11:5151871	SSF x Far_LoA	-10,759	-0,064	0,296
CHR11	5151913	CHR11:5151913	SSF x Far_LoA	-5,332	0,019	0,289
CHR11	5151925	CHR11:5151925	SSF x Far_LoA	-7,867	-0,138	0,276
CHR11	5151937	CHR11:5151937	SSF x Far_LoA	-10,321	-0,057	0,297
CHR11	5151977	CHR11:5151977	SSF x Far_LoA	-9,891	-0,065	0,281
CHR11	5151979	CHR11:5151979	SSF x Far_LoA	-9,559	-0,091	0,267
CHR11	5151999	CHR11:5151999	SSF x Far_LoA	-10,008	-0,046	0,268
CHR11	5152089	CHR11:5152089	SSF x Far_LoA	-10,687	0,016	0,295
CHR11	5175235	CHR11:5175235	SSF x Far_LoA	-6,840	0,010	0,291
CHR11	518199	CHR11:518199	SSF x Far_LoA	-8,674	0,010	0,283
CHR11	5183610	CHR11:5183610	SSF x Far_LoA	-10,053	-0,034	0,296
CHR11	5188900	CHR11:5188900	SSF x Far_LoA	-7,510	-0,134	0,299

CHR11	5188901	CHR11:5188901	SSF x Far_LoA	-9,362	0,082	0,298
CHR11	5223224	CHR11:5223224	SSF x Far_LoA	-12,011	-0,007	0,283
CHR11	5226454	CHR11:5226454	SSF x Far_LoA	-9,843	0,037	0,288
CHR11	5226717	CHR11:5226717	SSF x Far_LoA	-9,449	-0,002	0,295
CHR11	5230598	CHR11:5230598	SSF x Far_LoA	-9,637	0,029	0,281
CHR11	523441	CHR11:523441	SSF x Far_LoA	-10,094	-0,060	0,274
CHR11	523478	CHR11:523478	SSF x Far_LoA	-8,928	0,095	0,271
CHR11	523557	CHR11:523557	SSF x Far_LoA	-8,573	0,142	0,290
CHR11	523661	CHR11:523661	SSF x Far_LoA	-11,530	-0,009	0,283
CHR11	523664	CHR11:523664	SSF x Far_LoA	-9,841	-0,034	0,284
CHR11	523694	CHR11:523694	SSF x Far_LoA	-11,377	-0,084	0,279
CHR11	523712	CHR11:523712	SSF x Far_LoA	-8,581	0,094	0,279
CHR11	5247217	CHR11:5247217	SSF x Far_LoA	-10,953	-0,013	0,273
CHR11	5247222	CHR11:5247222	SSF x Far_LoA	-8,610	-0,115	0,298
CHR11	5247267	CHR11:5247267	SSF x Far_LoA	-9,221	-0,048	0,285
CHR11	5247330	CHR11:5247330	SSF x Far_LoA	-10,583	-0,050	0,306
CHR11	5256346	CHR11:5256346	SSF x Far_LoA	-10,983	0,017	0,292
CHR11	527458	CHR11:527458	SSF x Far_LoA	-7,752	0,140	0,284
CHR11	5287603	CHR11:5287603	SSF x Far_LoA	-7,116	0,096	0,289
CHR11	5287757	CHR11:5287757	SSF x Far_LoA	-8,320	0,007	0,306
CHR11	5287809	CHR11:5287809	SSF x Far_LoA	-8,733	-0,038	0,298
CHR11	5294338	CHR11:5294338	SSF x Far_LoA	-10,545	-0,033	0,288
CHR11	5298893	CHR11:5298893	SSF x Far_LoA	-7,822	0,124	0,299
CHR11	5298896	CHR11:5298896	SSF x Far_LoA	-7,127	0,113	0,312
CHR11	5298925	CHR11:5298925	SSF x Far_LoA	-11,208	0,011	0,292
CHR11	5299002	CHR11:5299002	SSF x Far_LoA	-8,117	-0,078	0,289
CHR11	5299008	CHR11:5299008	SSF x Far_LoA	-9,045	-0,049	0,302
CHR11	5299015	CHR11:5299015	SSF x Far_LoA	-9,703	-0,067	0,301
CHR11	5299031	CHR11:5299031	SSF x Far_LoA	-7,336	0,081	0,302
CHR11	5300338	CHR11:5300338	SSF x Far_LoA	-10,045	0,010	0,286
CHR11	5300433	CHR11:5300433	SSF x Far_LoA	-10,965	-0,055	0,301
CHR11	5300469	CHR11:5300469	SSF x Far_LoA	-10,496	-0,014	0,288
CHR11	5314625	CHR11:5314625	SSF x Far_LoA	-9,611	-0,024	0,283
CHR11	5314677	CHR11:5314677	SSF x Far_LoA	-8,426	0,074	0,283
CHR11	5320855	CHR11:5320855	SSF x Far_LoA	-10,569	-0,058	0,288
CHR11	5332750	CHR11:5332750	SSF x Far_LoA	-8,459	-0,033	0,295
CHR11	5332819	CHR11:5332819	SSF x Far_LoA	-8,176	-0,065	0,277
CHR11	5332905	CHR11:5332905	SSF x Far_LoA	-11,443	0,013	0,289
CHR11	5332947	CHR11:5332947	SSF x Far_LoA	-8,417	-0,019	0,290
CHR11	5347943	CHR11:5347943	SSF x Far_LoA	-0,970	-0,003	0,298
CHR11	535489	CHR11:535489	SSF x Far_LoA	-6,623	-0,039	0,297
CHR11	535517	CHR11:535517	SSF x Far_LoA	-9,616	-0,083	0,302
CHR11	535565	CHR11:535565	SSF x Far_LoA	-7,956	0,016	0,280
CHR11	535592	CHR11:535592	SSF x Far_LoA	-10,717	0,032	0,300
CHR11	5356883	CHR11:5356883	SSF x Far_LoA	-9,047	-0,012	0,289
CHR11	5357061	CHR11:5357061	SSF x Far_LoA	-9,579	-0,041	0,282
CHR11	5357108	CHR11:5357108	SSF x Far_LoA	-8,905	0,057	0,294
CHR11	5357128	CHR11:5357128	SSF x Far_LoA	-8,844	0,044	0,292
CHR11	5357184	CHR11:5357184	SSF x Far_LoA	-11,039	-0,076	0,290
CHR11	535723	CHR11:535723	SSF x Far_LoA	-9,183	0,034	0,288
CHR11	535751	CHR11:535751	SSF x Far_LoA	-10,862	0,005	0,294
CHR11	5362360	CHR11:5362360	SSF x Far_LoA	-11,472	0,002	0,295
CHR11	5362444	CHR11:5362444	SSF x Far_LoA	-9,303	-0,085	0,285

CHR11	5362626	CHR11:5362626	SSF x Far_LoA	-9,671	-0,013	0,297
CHR11	5362720	CHR11:5362720	SSF x Far_LoA	-11,910	-0,022	0,286
CHR11	5371477	CHR11:5371477	SSF x Far_LoA	-9,250	-0,036	0,281
CHR11	5371829	CHR11:5371829	SSF x Far_LoA	-9,951	-0,042	0,298
CHR11	5371830	CHR11:5371830	SSF x Far_LoA	-8,093	-0,024	0,288
CHR11	5399730	CHR11:5399730	SSF x Far_LoA	-8,105	0,105	0,294
CHR11	5399809	CHR11:5399809	SSF x Far_LoA	-11,423	0,035	0,278
CHR11	5405318	CHR11:5405318	SSF x Far_LoA	-10,387	-0,018	0,295
CHR11	5405363	CHR11:5405363	SSF x Far_LoA	-10,693	-0,040	0,299
CHR11	5405370	CHR11:5405370	SSF x Far_LoA	-10,677	0,040	0,295
CHR11	5405462	CHR11:5405462	SSF x Far_LoA	-10,005	-0,002	0,286
CHR11	5405524	CHR11:5405524	SSF x Far_LoA	-8,453	-0,120	0,294
CHR11	5405567	CHR11:5405567	SSF x Far_LoA	-9,430	-0,019	0,287
CHR11	5405628	CHR11:5405628	SSF x Far_LoA	-9,978	0,033	0,291
CHR11	5405637	CHR11:5405637	SSF x Far_LoA	-9,244	-0,059	0,295
CHR11	5425436	CHR11:5425436	SSF x Far_LoA	-7,097	0,102	0,295
CHR11	543323	CHR11:543323	SSF x Far_LoA	-9,242	-0,005	0,296
CHR11	543400	CHR11:543400	SSF x Far_LoA	-11,195	-0,060	0,290
CHR11	543627	CHR11:543627	SSF x Far_LoA	-6,422	-0,142	0,278
CHR11	543660	CHR11:543660	SSF x Far_LoA	-9,289	-0,030	0,302
CHR11	5508782	CHR11:5508782	SSF x Far_LoA	-8,763	-0,052	0,296
CHR11	5527235	CHR11:5527235	SSF x Far_LoA	-10,037	0,061	0,297
CHR11	5532468	CHR11:5532468	SSF x Far_LoA	-10,285	-0,025	0,288
CHR11	5588838	CHR11:5588838	SSF x Far_LoA	-10,023	0,070	0,291
CHR11	5605629	CHR11:5605629	SSF x Far_LoA	-10,929	0,016	0,294
CHR11	5646083	CHR11:5646083	SSF x Far_LoA	-9,351	0,004	0,281
CHR11	5650083	CHR11:5650083	SSF x Far_LoA	-10,825	0,031	0,278
CHR11	5650118	CHR11:5650118	SSF x Far_LoA	-1,303	0,091	0,303
CHR11	5650144	CHR11:5650144	SSF x Far_LoA	-8,930	0,104	0,300
CHR11	5650173	CHR11:5650173	SSF x Far_LoA	-10,438	-0,019	0,279
CHR11	5650200	CHR11:5650200	SSF x Far_LoA	-11,879	-0,079	0,292
CHR11	5650222	CHR11:5650222	SSF x Far_LoA	-8,802	0,035	0,299
CHR11	5650236	CHR11:5650236	SSF x Far_LoA	-9,736	-0,058	0,282
CHR11	5652715	CHR11:5652715	SSF x Far_LoA	-5,803	0,161	0,306
CHR11	5654427	CHR11:5654427	SSF x Far_LoA	-11,316	-0,009	0,282
CHR11	5654438	CHR11:5654438	SSF x Far_LoA	-9,520	0,107	0,294
CHR11	5654454	CHR11:5654454	SSF x Far_LoA	0,687	0,036	0,300
CHR11	5662983	CHR11:5662983	SSF x Far_LoA	-7,765	0,040	0,302
CHR11	5662994	CHR11:5662994	SSF x Far_LoA	-8,757	0,133	0,293
CHR11	5663037	CHR11:5663037	SSF x Far_LoA	-8,765	-0,083	0,299
CHR11	5663051	CHR11:5663051	SSF x Far_LoA	-8,448	-0,017	0,300
CHR11	5663060	CHR11:5663060	SSF x Far_LoA	-7,519	0,070	0,279
CHR11	5694240	CHR11:5694240	SSF x Far_LoA	-10,959	-0,026	0,270
CHR11	5694310	CHR11:5694310	SSF x Far_LoA	-6,999	0,136	0,296
CHR11	5694311	CHR11:5694311	SSF x Far_LoA	-0,834	0,125	0,296
CHR11	5694312	CHR11:5694312	SSF x Far_LoA	-8,183	0,112	0,293
CHR11	5694373	CHR11:5694373	SSF x Far_LoA	-6,384	0,131	0,288
CHR11	5694382	CHR11:5694382	SSF x Far_LoA	-8,785	0,024	0,283
CHR11	5694434	CHR11:5694434	SSF x Far_LoA	-9,108	0,056	0,294
CHR11	5702951	CHR11:5702951	SSF x Far_LoA	-7,739	-0,081	0,275
CHR11	5702992	CHR11:5702992	SSF x Far_LoA	-9,934	-0,004	0,291
CHR11	5703079	CHR11:5703079	SSF x Far_LoA	-10,864	0,043	0,285
CHR11	5703175	CHR11:5703175	SSF x Far_LoA	-10,112	-0,008	0,279

CHR11	5737891	CHR11:5737891	SSF x Far_LoA	-6,830	-0,130	0,292
CHR11	5737905	CHR11:5737905	SSF x Far_LoA	-8,397	0,089	0,305
CHR11	5737943	CHR11:5737943	SSF x Far_LoA	-10,818	-0,012	0,284
CHR11	5738026	CHR11:5738026	SSF x Far_LoA	-9,240	0,097	0,285
CHR11	5738072	CHR11:5738072	SSF x Far_LoA	-11,024	-0,021	0,288
CHR11	5738117	CHR11:5738117	SSF x Far_LoA	-8,924	-0,015	0,304
CHR11	5738118	CHR11:5738118	SSF x Far_LoA	-8,216	0,138	0,283
CHR11	5738130	CHR11:5738130	SSF x Far_LoA	-9,014	0,115	0,290
CHR11	5738169	CHR11:5738169	SSF x Far_LoA	-11,013	-0,067	0,300
CHR11	5768351	CHR11:5768351	SSF x Far_LoA	-10,026	0,001	0,297
CHR11	5768353	CHR11:5768353	SSF x Far_LoA	-10,591	-0,048	0,309
CHR11	5768365	CHR11:5768365	SSF x Far_LoA	-10,550	0,036	0,294
CHR11	5768543	CHR11:5768543	SSF x Far_LoA	-8,004	0,079	0,279
CHR11	5768693	CHR11:5768693	SSF x Far_LoA	-7,548	-0,118	0,301
CHR11	5768695	CHR11:5768695	SSF x Far_LoA	-7,551	-0,112	0,309
CHR11	5769900	CHR11:5769900	SSF x Far_LoA	-10,655	-0,001	0,286
CHR11	5770204	CHR11:5770204	SSF x Far_LoA	-9,824	-0,179	0,300
CHR11	5775109	CHR11:5775109	SSF x Far_LoA	-11,285	0,015	0,294
CHR11	5775133	CHR11:5775133	SSF x Far_LoA	-10,392	-0,054	0,291
CHR11	5777818	CHR11:5777818	SSF x Far_LoA	-7,260	-0,066	0,306
CHR11	577800	CHR11:577800	SSF x Far_LoA	-4,240	-0,005	0,289
CHR11	577859	CHR11:577859	SSF x Far_LoA	-10,315	-0,021	0,299
CHR11	5781202	CHR11:5781202	SSF x Far_LoA	-11,145	-0,002	0,295
CHR11	5782424	CHR11:5782424	SSF x Far_LoA	-10,024	0,049	0,299
CHR11	5782433	CHR11:5782433	SSF x Far_LoA	-8,284	-0,049	0,290
CHR11	5782497	CHR11:5782497	SSF x Far_LoA	-11,508	-0,022	0,287
CHR11	5782564	CHR11:5782564	SSF x Far_LoA	-7,466	0,098	0,303
CHR11	5782580	CHR11:5782580	SSF x Far_LoA	-4,828	0,124	0,299
CHR11	5782691	CHR11:5782691	SSF x Far_LoA	-11,250	-0,045	0,285
CHR11	5782713	CHR11:5782713	SSF x Far_LoA	-8,538	0,099	0,294
CHR11	5798675	CHR11:5798675	SSF x Far_LoA	-11,935	-0,005	0,278
CHR11	5798722	CHR11:5798722	SSF x Far_LoA	-9,756	-0,059	0,280
CHR11	5806239	CHR11:5806239	SSF x Far_LoA	-8,375	-0,177	0,282
CHR11	5806271	CHR11:5806271	SSF x Far_LoA	-9,709	0,117	0,295
CHR11	580870	CHR11:580870	SSF x Far_LoA	-10,503	0,022	0,304
CHR11	580902	CHR11:580902	SSF x Far_LoA	-8,289	-0,121	0,287
CHR11	580919	CHR11:580919	SSF x Far_LoA	-8,926	0,074	0,298
CHR11	580923	CHR11:580923	SSF x Far_LoA	-8,421	-0,121	0,301
CHR11	580975	CHR11:580975	SSF x Far_LoA	-5,626	0,130	0,289
CHR11	581065	CHR11:581065	SSF x Far_LoA	-6,319	0,005	0,285
CHR11	581082	CHR11:581082	SSF x Far_LoA	-7,516	0,072	0,281
CHR11	581153	CHR11:581153	SSF x Far_LoA	-7,825	-0,035	0,275
CHR11	581190	CHR11:581190	SSF x Far_LoA	-9,847	-0,049	0,284
CHR11	581210	CHR11:581210	SSF x Far_LoA	-9,921	-0,134	0,295
CHR11	5835322	CHR11:5835322	SSF x Far_LoA	-9,092	-0,019	0,290
CHR11	5835365	CHR11:5835365	SSF x Far_LoA	-6,346	0,064	0,286
CHR11	5835411	CHR11:5835411	SSF x Far_LoA	-10,380	-0,035	0,276
CHR11	5835425	CHR11:5835425	SSF x Far_LoA	-10,270	0,136	0,268
CHR11	5835472	CHR11:5835472	SSF x Far_LoA	-9,851	0,038	0,277
CHR11	5835542	CHR11:5835542	SSF x Far_LoA	-10,792	0,019	0,292
CHR11	5836683	CHR11:5836683	SSF x Far_LoA	-9,334	0,048	0,283
CHR11	5836738	CHR11:5836738	SSF x Far_LoA	-11,909	-0,013	0,275
CHR11	5836748	CHR11:5836748	SSF x Far_LoA	-6,101	-0,105	0,298

CHR11	5836823	CHR11:5836823	SSF x Far_LoA	-7,072	-0,034	0,298
CHR11	5836879	CHR11:5836879	SSF x Far_LoA	-9,106	-0,047	0,285
CHR11	5853133	CHR11:5853133	SSF x Far_LoA	-9,997	-0,107	0,291
CHR11	5853176	CHR11:5853176	SSF x Far_LoA	-8,086	-0,127	0,293
CHR11	5853256	CHR11:5853256	SSF x Far_LoA	-9,832	0,080	0,293
CHR11	5865189	CHR11:5865189	SSF x Far_LoA	-9,748	-0,120	0,284
CHR11	5865197	CHR11:5865197	SSF x Far_LoA	-10,936	-0,105	0,293
CHR11	5865202	CHR11:5865202	SSF x Far_LoA	-11,641	-0,100	0,285
CHR11	5868785	CHR11:5868785	SSF x Far_LoA	-10,666	-0,112	0,282
CHR11	5873019	CHR11:5873019	SSF x Far_LoA	-10,793	-0,095	0,278
CHR11	5873113	CHR11:5873113	SSF x Far_LoA	-8,804	0,018	0,295
CHR11	5873217	CHR11:5873217	SSF x Far_LoA	-4,592	-0,023	0,278
CHR11	5873281	CHR11:5873281	SSF x Far_LoA	-11,285	-0,030	0,288
CHR11	5880364	CHR11:5880364	SSF x Far_LoA	-5,896	0,212	0,278
CHR11	5880456	CHR11:5880456	SSF x Far_LoA	-9,832	0,062	0,284
CHR11	5880673	CHR11:5880673	SSF x Far_LoA	-10,096	-0,143	0,292
CHR11	5881863	CHR11:5881863	SSF x Far_LoA	-10,103	0,043	0,292
CHR11	5895295	CHR11:5895295	SSF x Far_LoA	-7,972	-0,118	0,298
CHR11	5895322	CHR11:5895322	SSF x Far_LoA	-8,393	0,062	0,300
CHR11	5895365	CHR11:5895365	SSF x Far_LoA	-10,730	0,056	0,284
CHR11	5895485	CHR11:5895485	SSF x Far_LoA	-8,691	0,016	0,284
CHR11	5895504	CHR11:5895504	SSF x Far_LoA	-8,052	-0,130	0,284
CHR11	5910945	CHR11:5910945	SSF x Far_LoA	-11,008	0,047	0,297
CHR11	5911292	CHR11:5911292	SSF x Far_LoA	-8,549	0,112	0,286
CHR11	5919263	CHR11:5919263	SSF x Far_LoA	-11,099	-0,007	0,278
CHR11	5923727	CHR11:5923727	SSF x Far_LoA	-11,392	-0,063	0,283
CHR11	5923808	CHR11:5923808	SSF x Far_LoA	-10,770	-0,068	0,288
CHR11	593552	CHR11:593552	SSF x Far_LoA	-7,506	0,010	0,307
CHR11	593675	CHR11:593675	SSF x Far_LoA	-7,024	-0,116	0,301
CHR11	593765	CHR11:593765	SSF x Far_LoA	-9,299	-0,060	0,286
CHR11	5945567	CHR11:5945567	SSF x Far_LoA	-10,185	0,008	0,279
CHR11	5945813	CHR11:5945813	SSF x Far_LoA	-11,058	-0,014	0,288
CHR11	596210	CHR11:596210	SSF x Far_LoA	-9,501	0,118	0,280
CHR11	596452	CHR11:596452	SSF x Far_LoA	-9,298	0,134	0,291
CHR11	596489	CHR11:596489	SSF x Far_LoA	-9,295	-0,133	0,286
CHR11	596534	CHR11:596534	SSF x Far_LoA	-10,094	0,043	0,281
CHR11	5972267	CHR11:5972267	SSF x Far_LoA	-6,103	0,230	0,273
CHR11	5972441	CHR11:5972441	SSF x Far_LoA	-7,171	-0,112	0,286
CHR11	5972544	CHR11:5972544	SSF x Far_LoA	-10,070	0,098	0,269
CHR11	5980525	CHR11:5980525	SSF x Far_LoA	-11,066	-0,044	0,282
CHR11	5980527	CHR11:5980527	SSF x Far_LoA	-6,734	-0,129	0,284
CHR11	5980532	CHR11:5980532	SSF x Far_LoA	-7,464	-0,094	0,291
CHR11	5980536	CHR11:5980536	SSF x Far_LoA	-8,729	-0,074	0,294
CHR11	5980570	CHR11:5980570	SSF x Far_LoA	-10,860	0,073	0,296
CHR11	5980597	CHR11:5980597	SSF x Far_LoA	-10,537	0,030	0,288
CHR11	5980605	CHR11:5980605	SSF x Far_LoA	-7,951	0,094	0,288
CHR11	5980637	CHR11:5980637	SSF x Far_LoA	-8,117	0,076	0,292
CHR11	5980649	CHR11:5980649	SSF x Far_LoA	-8,871	0,082	0,286
CHR11	5980665	CHR11:5980665	SSF x Far_LoA	-9,346	-0,125	0,286
CHR11	5980668	CHR11:5980668	SSF x Far_LoA	-8,925	0,125	0,292
CHR11	5980720	CHR11:5980720	SSF x Far_LoA	-7,071	0,155	0,279
CHR11	5980772	CHR11:5980772	SSF x Far_LoA	-11,202	-0,037	0,284
CHR11	5980787	CHR11:5980787	SSF x Far_LoA	-10,984	0,072	0,284

CHR11	6002069	CHR11:6002069	SSF x Far_LoA	-9,153	0,049	0,275
CHR11	6002083	CHR11:6002083	SSF x Far_LoA	-9,006	0,051	0,280
CHR11	6002103	CHR11:6002103	SSF x Far_LoA	-9,521	0,021	0,293
CHR11	6002134	CHR11:6002134	SSF x Far_LoA	-10,751	0,041	0,276
CHR11	6002226	CHR11:6002226	SSF x Far_LoA	-9,769	-0,026	0,292
CHR11	6002287	CHR11:6002287	SSF x Far_LoA	-11,549	-0,071	0,290
CHR11	6002349	CHR11:6002349	SSF x Far_LoA	-8,203	-0,133	0,280
CHR11	6011347	CHR11:6011347	SSF x Far_LoA	-9,959	-0,080	0,293
CHR11	6011400	CHR11:6011400	SSF x Far_LoA	-8,876	-0,056	0,285
CHR11	6011416	CHR11:6011416	SSF x Far_LoA	-11,010	0,020	0,284
CHR11	6011444	CHR11:6011444	SSF x Far_LoA	-7,463	-0,088	0,289
CHR11	6019509	CHR11:6019509	SSF x Far_LoA	-9,606	-0,092	0,301
CHR11	6019569	CHR11:6019569	SSF x Far_LoA	-9,063	0,091	0,268
CHR11	6019598	CHR11:6019598	SSF x Far_LoA	-8,826	-0,034	0,275
CHR11	6019600	CHR11:6019600	SSF x Far_LoA	-10,029	-0,049	0,287
CHR11	6019605	CHR11:6019605	SSF x Far_LoA	-5,913	-0,116	0,291
CHR11	6019637	CHR11:6019637	SSF x Far_LoA	-6,227	0,141	0,287
CHR11	6019747	CHR11:6019747	SSF x Far_LoA	-10,296	0,092	0,298
CHR11	6019751	CHR11:6019751	SSF x Far_LoA	-9,528	-0,027	0,287
CHR11	6019752	CHR11:6019752	SSF x Far_LoA	-10,003	-0,011	0,287
CHR11	6019753	CHR11:6019753	SSF x Far_LoA	-9,515	-0,034	0,301
CHR11	6019786	CHR11:6019786	SSF x Far_LoA	-11,735	0,027	0,290
CHR11	6027691	CHR11:6027691	SSF x Far_LoA	-10,746	0,063	0,284
CHR11	6027785	CHR11:6027785	SSF x Far_LoA	-7,917	-0,058	0,290
CHR11	6027857	CHR11:6027857	SSF x Far_LoA	-11,602	0,052	0,286
CHR11	6027869	CHR11:6027869	SSF x Far_LoA	-9,893	0,022	0,284
CHR11	6061612	CHR11:6061612	SSF x Far_LoA	-11,776	0,038	0,284
CHR11	6061632	CHR11:6061632	SSF x Far_LoA	-8,822	-0,101	0,300
CHR11	6065011	CHR11:6065011	SSF x Far_LoA	-7,724	-0,091	0,270
CHR11	6065081	CHR11:6065081	SSF x Far_LoA	-8,951	-0,049	0,285
CHR11	6065092	CHR11:6065092	SSF x Far_LoA	-7,772	0,064	0,281
CHR11	6065109	CHR11:6065109	SSF x Far_LoA	-7,043	0,127	0,279
CHR11	6065120	CHR11:6065120	SSF x Far_LoA	-8,616	0,054	0,285
CHR11	6065124	CHR11:6065124	SSF x Far_LoA	-3,233	0,107	0,277
CHR11	6073404	CHR11:6073404	SSF x Far_LoA	-10,336	0,093	0,294
CHR11	6073418	CHR11:6073418	SSF x Far_LoA	-8,641	0,091	0,285
CHR11	6073443	CHR11:6073443	SSF x Far_LoA	-9,514	0,015	0,310
CHR11	6073605	CHR11:6073605	SSF x Far_LoA	-8,508	0,162	0,266
CHR11	6084894	CHR11:6084894	SSF x Far_LoA	-10,590	0,038	0,289
CHR11	6085105	CHR11:6085105	SSF x Far_LoA	-2,996	-0,170	0,299
CHR11	6131251	CHR11:6131251	SSF x Far_LoA	-9,926	-0,023	0,282
CHR11	6131359	CHR11:6131359	SSF x Far_LoA	-9,266	0,063	0,283
CHR11	6131362	CHR11:6131362	SSF x Far_LoA	-7,051	-0,073	0,300
CHR11	6131544	CHR11:6131544	SSF x Far_LoA	-7,083	0,153	0,269
CHR11	6131570	CHR11:6131570	SSF x Far_LoA	-7,078	0,125	0,284
CHR11	6131665	CHR11:6131665	SSF x Far_LoA	-8,866	0,133	0,281
CHR11	6131680	CHR11:6131680	SSF x Far_LoA	-4,916	0,170	0,275
CHR11	6139860	CHR11:6139860	SSF x Far_LoA	-7,905	0,161	0,269
CHR11	6140478	CHR11:6140478	SSF x Far_LoA	-10,749	-0,038	0,291
CHR11	6160294	CHR11:6160294	SSF x Far_LoA	-9,577	0,087	0,297
CHR11	6160334	CHR11:6160334	SSF x Far_LoA	-4,706	0,020	0,294
CHR11	6160337	CHR11:6160337	SSF x Far_LoA	-8,629	0,096	0,290
CHR11	6160354	CHR11:6160354	SSF x Far_LoA	-9,387	0,047	0,269

CHR11	6160405	CHR11:6160405	SSF x Far_LoA	-9,630	0,015	0,285
CHR11	6161041	CHR11:6161041	SSF x Far_LoA	-9,900	-0,051	0,290
CHR11	6161051	CHR11:6161051	SSF x Far_LoA	-9,275	0,001	0,299
CHR11	6161106	CHR11:6161106	SSF x Far_LoA	-9,720	0,003	0,296
CHR11	6161113	CHR11:6161113	SSF x Far_LoA	-8,675	0,026	0,289
CHR11	6161126	CHR11:6161126	SSF x Far_LoA	-10,887	0,030	0,284
CHR11	6161144	CHR11:6161144	SSF x Far_LoA	-8,086	0,021	0,278
CHR11	6162147	CHR11:6162147	SSF x Far_LoA	-8,687	0,118	0,274
CHR11	616244	CHR11:616244	SSF x Far_LoA	-8,175	0,153	0,278
CHR11	616338	CHR11:616338	SSF x Far_LoA	-10,412	0,002	0,294
CHR11	616352	CHR11:616352	SSF x Far_LoA	-8,734	-0,022	0,287
CHR11	616484	CHR11:616484	SSF x Far_LoA	-4,049	-0,080	0,308
CHR11	618188	CHR11:618188	SSF x Far_LoA	-8,338	0,113	0,277
CHR11	618265	CHR11:618265	SSF x Far_LoA	-9,723	-0,051	0,281
CHR11	6183698	CHR11:6183698	SSF x Far_LoA	-9,503	-0,007	0,291
CHR11	6190401	CHR11:6190401	SSF x Far_LoA	-8,599	0,036	0,304
CHR11	621382	CHR11:621382	SSF x Far_LoA	-7,840	0,092	0,289
CHR11	621387	CHR11:621387	SSF x Far_LoA	-12,711	0,033	0,275
CHR11	621412	CHR11:621412	SSF x Far_LoA	-12,237	0,021	0,285
CHR11	625687	CHR11:625687	SSF x Far_LoA	-6,841	-0,139	0,305
CHR11	625716	CHR11:625716	SSF x Far_LoA	-6,318	-0,110	0,297
CHR11	625718	CHR11:625718	SSF x Far_LoA	-10,612	0,016	0,303
CHR11	625763	CHR11:625763	SSF x Far_LoA	-6,556	-0,152	0,292
CHR11	625788	CHR11:625788	SSF x Far_LoA	-11,548	-0,026	0,293
CHR11	628601	CHR11:628601	SSF x Far_LoA	-10,827	-0,091	0,290
CHR11	628631	CHR11:628631	SSF x Far_LoA	-11,971	0,108	0,278
CHR11	628637	CHR11:628637	SSF x Far_LoA	-8,471	0,068	0,285
CHR11	630976	CHR11:630976	SSF x Far_LoA	-5,328	-0,170	0,290
CHR11	631058	CHR11:631058	SSF x Far_LoA	-8,859	-0,053	0,312
CHR11	631140	CHR11:631140	SSF x Far_LoA	-9,922	-0,004	0,299
CHR11	631141	CHR11:631141	SSF x Far_LoA	-10,258	0,002	0,291
CHR11	6357304	CHR11:6357304	SSF x Far_LoA	-10,360	0,073	0,290
CHR11	6374831	CHR11:6374831	SSF x Far_LoA	-6,805	-0,084	0,298
CHR11	6374875	CHR11:6374875	SSF x Far_LoA	-6,895	0,113	0,291
CHR11	6374943	CHR11:6374943	SSF x Far_LoA	-11,505	-0,103	0,289
CHR11	6375162	CHR11:6375162	SSF x Far_LoA	-10,137	0,120	0,290
CHR11	6392820	CHR11:6392820	SSF x Far_LoA	-9,685	-0,014	0,303
CHR11	6392836	CHR11:6392836	SSF x Far_LoA	-9,350	0,099	0,269
CHR11	6392843	CHR11:6392843	SSF x Far_LoA	-9,282	-0,031	0,294
CHR11	6392857	CHR11:6392857	SSF x Far_LoA	-8,617	-0,016	0,297
CHR11	6392866	CHR11:6392866	SSF x Far_LoA	-7,990	0,039	0,293
CHR11	6392878	CHR11:6392878	SSF x Far_LoA	-7,377	0,053	0,303
CHR11	6392880	CHR11:6392880	SSF x Far_LoA	-7,083	0,047	0,303
CHR11	6392881	CHR11:6392881	SSF x Far_LoA	-7,304	0,009	0,296
CHR11	6392969	CHR11:6392969	SSF x Far_LoA	-7,617	-0,055	0,290
CHR11	6392984	CHR11:6392984	SSF x Far_LoA	-8,271	-0,138	0,274
CHR11	6392986	CHR11:6392986	SSF x Far_LoA	-8,125	0,042	0,282
CHR11	6397979	CHR11:6397979	SSF x Far_LoA	-7,747	-0,089	0,296
CHR11	6397983	CHR11:6397983	SSF x Far_LoA	-8,935	-0,055	0,293
CHR11	6398017	CHR11:6398017	SSF x Far_LoA	-8,124	-0,112	0,293
CHR11	6398120	CHR11:6398120	SSF x Far_LoA	-9,740	0,019	0,295
CHR11	6398154	CHR11:6398154	SSF x Far_LoA	-6,131	-0,034	0,294
CHR11	6398183	CHR11:6398183	SSF x Far_LoA	-9,268	0,046	0,281

CHR11	6400374	CHR11:6400374	SSF x Far_LoA	-9,921	0,050	0,295
CHR11	640039	CHR11:640039	SSF x Far_LoA	-9,689	-0,057	0,287
CHR11	640059	CHR11:640059	SSF x Far_LoA	-8,923	0,062	0,297
CHR11	640064	CHR11:640064	SSF x Far_LoA	-7,873	0,100	0,293
CHR11	640118	CHR11:640118	SSF x Far_LoA	-8,741	-0,106	0,285
CHR11	640119	CHR11:640119	SSF x Far_LoA	-5,507	0,209	0,281
CHR11	640190	CHR11:640190	SSF x Far_LoA	-11,052	-0,026	0,283
CHR11	640200	CHR11:640200	SSF x Far_LoA	-11,775	0,041	0,281
CHR11	640230	CHR11:640230	SSF x Far_LoA	-9,068	0,089	0,284
CHR11	640243	CHR11:640243	SSF x Far_LoA	-8,422	-0,078	0,280
CHR11	6402612	CHR11:6402612	SSF x Far_LoA	-8,629	0,011	0,281
CHR11	6402661	CHR11:6402661	SSF x Far_LoA	-7,797	0,099	0,293
CHR11	640280	CHR11:640280	SSF x Far_LoA	-8,959	0,086	0,283
CHR11	640281	CHR11:640281	SSF x Far_LoA	-8,602	0,140	0,296
CHR11	640300	CHR11:640300	SSF x Far_LoA	-10,697	-0,022	0,287
CHR11	640305	CHR11:640305	SSF x Far_LoA	-9,175	-0,100	0,321
CHR11	6407325	CHR11:6407325	SSF x Far_LoA	-8,095	-0,118	0,296
CHR11	6407326	CHR11:6407326	SSF x Far_LoA	-8,969	-0,052	0,286
CHR11	6407386	CHR11:6407386	SSF x Far_LoA	-11,595	0,023	0,292
CHR11	6459098	CHR11:6459098	SSF x Far_LoA	-9,980	0,004	0,287
CHR11	6459302	CHR11:6459302	SSF x Far_LoA	-10,459	-0,030	0,299
CHR11	6459311	CHR11:6459311	SSF x Far_LoA	-11,844	-0,017	0,296
CHR11	6468734	CHR11:6468734	SSF x Far_LoA	-8,317	0,088	0,296
CHR11	6468749	CHR11:6468749	SSF x Far_LoA	-10,094	0,042	0,287
CHR11	6468788	CHR11:6468788	SSF x Far_LoA	-9,800	-0,024	0,297
CHR11	6469145	CHR11:6469145	SSF x Far_LoA	-8,653	-0,159	0,303
CHR11	6477739	CHR11:6477739	SSF x Far_LoA	-6,025	-0,107	0,292
CHR11	649680	CHR11:649680	SSF x Far_LoA	-9,777	-0,107	0,285
CHR11	649773	CHR11:649773	SSF x Far_LoA	-4,339	0,129	0,291
CHR11	649813	CHR11:649813	SSF x Far_LoA	-10,233	0,056	0,270
CHR11	6514360	CHR11:6514360	SSF x Far_LoA	-11,263	0,043	0,290
CHR11	6514392	CHR11:6514392	SSF x Far_LoA	-8,110	0,072	0,284
CHR11	6514440	CHR11:6514440	SSF x Far_LoA	-6,192	0,140	0,297
CHR11	6516888	CHR11:6516888	SSF x Far_LoA	-8,652	0,066	0,289
CHR11	6516912	CHR11:6516912	SSF x Far_LoA	-10,605	0,005	0,288
CHR11	6517047	CHR11:6517047	SSF x Far_LoA	-12,025	-0,030	0,289
CHR11	6522023	CHR11:6522023	SSF x Far_LoA	-9,433	0,051	0,293
CHR11	6522070	CHR11:6522070	SSF x Far_LoA	-8,413	-0,004	0,282
CHR11	6522109	CHR11:6522109	SSF x Far_LoA	-10,029	-0,023	0,278
CHR11	6522124	CHR11:6522124	SSF x Far_LoA	-11,730	0,051	0,287
CHR11	6522254	CHR11:6522254	SSF x Far_LoA	-9,868	-0,003	0,294
CHR11	6522350	CHR11:6522350	SSF x Far_LoA	-4,474	0,007	0,291
CHR11	6522360	CHR11:6522360	SSF x Far_LoA	-10,539	-0,012	0,287
CHR11	6522367	CHR11:6522367	SSF x Far_LoA	-10,872	0,108	0,277
CHR11	6526950	CHR11:6526950	SSF x Far_LoA	-8,260	0,067	0,286
CHR11	6527067	CHR11:6527067	SSF x Far_LoA	-2,589	-0,038	0,298
CHR11	6527141	CHR11:6527141	SSF x Far_LoA	-7,384	-0,075	0,296
CHR11	6527182	CHR11:6527182	SSF x Far_LoA	-2,783	-0,108	0,287
CHR11	6527210	CHR11:6527210	SSF x Far_LoA	-6,506	-0,135	0,285
CHR11	6530333	CHR11:6530333	SSF x Far_LoA	-4,742	0,143	0,285
CHR11	6541632	CHR11:6541632	SSF x Far_LoA	-7,020	0,094	0,314
CHR11	6541676	CHR11:6541676	SSF x Far_LoA	-10,140	0,085	0,297
CHR11	6548756	CHR11:6548756	SSF x Far_LoA	-11,339	-0,017	0,280

CHR11	6548812	CHR11:6548812	SSF x Far_LoA	-7,881	0,016	0,300
CHR11	6548928	CHR11:6548928	SSF x Far_LoA	-9,942	0,036	0,298
CHR11	6557742	CHR11:6557742	SSF x Far_LoA	-7,947	-0,066	0,294
CHR11	6563418	CHR11:6563418	SSF x Far_LoA	-10,814	0,100	0,270
CHR11	6563436	CHR11:6563436	SSF x Far_LoA	-11,443	-0,065	0,272
CHR11	6570331	CHR11:6570331	SSF x Far_LoA	-8,260	-0,101	0,306
CHR11	6573973	CHR11:6573973	SSF x Far_LoA	-9,209	0,023	0,289
CHR11	6677020	CHR11:6677020	SSF x Far_LoA	-7,260	-0,183	0,280
CHR11	6677044	CHR11:6677044	SSF x Far_LoA	-10,725	0,047	0,299
CHR11	6677105	CHR11:6677105	SSF x Far_LoA	-8,438	0,111	0,290
CHR11	6677289	CHR11:6677289	SSF x Far_LoA	-9,890	0,117	0,295
CHR11	6696718	CHR11:6696718	SSF x Far_LoA	-1,996	0,203	0,297
CHR11	6696829	CHR11:6696829	SSF x Far_LoA	-8,183	-0,002	0,307
CHR11	6726989	CHR11:6726989	SSF x Far_LoA	-7,466	0,110	0,290
CHR11	6727012	CHR11:6727012	SSF x Far_LoA	-7,975	0,057	0,288
CHR11	6727056	CHR11:6727056	SSF x Far_LoA	-6,762	-0,068	0,287
CHR11	6730259	CHR11:6730259	SSF x Far_LoA	-9,345	0,015	0,305
CHR11	6730269	CHR11:6730269	SSF x Far_LoA	-9,787	0,011	0,303
CHR11	6730276	CHR11:6730276	SSF x Far_LoA	-6,118	0,126	0,302
CHR11	6730306	CHR11:6730306	SSF x Far_LoA	-9,844	0,019	0,287
CHR11	6730309	CHR11:6730309	SSF x Far_LoA	-9,172	-0,129	0,299
CHR11	6730363	CHR11:6730363	SSF x Far_LoA	-8,390	0,088	0,273
CHR11	6730460	CHR11:6730460	SSF x Far_LoA	-5,683	-0,017	0,301
CHR11	6748909	CHR11:6748909	SSF x Far_LoA	-5,557	0,117	0,293
CHR11	6748919	CHR11:6748919	SSF x Far_LoA	-9,326	-0,073	0,285
CHR11	6748968	CHR11:6748968	SSF x Far_LoA	-9,671	0,034	0,296
CHR11	6749010	CHR11:6749010	SSF x Far_LoA	-7,725	0,151	0,295
CHR11	6749015	CHR11:6749015	SSF x Far_LoA	-11,338	0,011	0,281
CHR11	6749119	CHR11:6749119	SSF x Far_LoA	-11,342	0,050	0,286
CHR11	6753667	CHR11:6753667	SSF x Far_LoA	-6,492	0,042	0,305
CHR11	6759608	CHR11:6759608	SSF x Far_LoA	-6,837	0,122	0,289
CHR11	6759631	CHR11:6759631	SSF x Far_LoA	-7,964	0,145	0,299
CHR11	6759668	CHR11:6759668	SSF x Far_LoA	-11,579	-0,037	0,290
CHR11	6759669	CHR11:6759669	SSF x Far_LoA	-10,542	0,043	0,281
CHR11	6759687	CHR11:6759687	SSF x Far_LoA	-8,881	-0,064	0,299
CHR11	6759712	CHR11:6759712	SSF x Far_LoA	-10,046	0,022	0,287
CHR11	6759718	CHR11:6759718	SSF x Far_LoA	-8,420	0,049	0,292
CHR11	6759766	CHR11:6759766	SSF x Far_LoA	-9,440	0,059	0,292
CHR11	6767761	CHR11:6767761	SSF x Far_LoA	-6,812	0,110	0,297
CHR11	6767823	CHR11:6767823	SSF x Far_LoA	-7,022	-0,167	0,289
CHR11	6767932	CHR11:6767932	SSF x Far_LoA	-8,774	-0,099	0,289
CHR11	6767958	CHR11:6767958	SSF x Far_LoA	-10,084	0,020	0,290
CHR11	6776710	CHR11:6776710	SSF x Far_LoA	-9,265	-0,219	0,280
CHR11	6776757	CHR11:6776757	SSF x Far_LoA	-8,410	0,087	0,300
CHR11	6776760	CHR11:6776760	SSF x Far_LoA	-7,894	0,072	0,294
CHR11	6776789	CHR11:6776789	SSF x Far_LoA	-8,895	-0,119	0,267
CHR11	6776845	CHR11:6776845	SSF x Far_LoA	-8,740	0,028	0,292
CHR11	6800997	CHR11:6800997	SSF x Far_LoA	-3,364	0,079	0,298
CHR11	6806885	CHR11:6806885	SSF x Far_LoA	-9,812	-0,073	0,296
CHR11	6806974	CHR11:6806974	SSF x Far_LoA	-10,186	0,133	0,282
CHR11	680797	CHR11:680797	SSF x Far_LoA	-4,378	-0,195	0,270
CHR11	6821383	CHR11:6821383	SSF x Far_LoA	-6,344	-0,215	0,277
CHR11	6821426	CHR11:6821426	SSF x Far_LoA	-9,472	-0,015	0,307

CHR11	6821470	CHR11:6821470	SSF x Far_LoA	-9,329	0,058	0,276
CHR11	6821494	CHR11:6821494	SSF x Far_LoA	-9,167	0,203	0,279
CHR11	6824692	CHR11:6824692	SSF x Far_LoA	-5,930	0,136	0,286
CHR11	6824882	CHR11:6824882	SSF x Far_LoA	-9,228	-0,033	0,290
CHR11	6824995	CHR11:6824995	SSF x Far_LoA	-8,807	0,014	0,310
CHR11	6825000	CHR11:6825000	SSF x Far_LoA	-9,959	0,026	0,292
CHR11	6831984	CHR11:6831984	SSF x Far_LoA	-7,940	0,077	0,295
CHR11	6832012	CHR11:6832012	SSF x Far_LoA	-9,046	0,101	0,284
CHR11	6832063	CHR11:6832063	SSF x Far_LoA	-11,235	0,019	0,298
CHR11	6832096	CHR11:6832096	SSF x Far_LoA	-10,032	-0,025	0,296
CHR11	6835295	CHR11:6835295	SSF x Far_LoA	-10,529	-0,057	0,291
CHR11	6835475	CHR11:6835475	SSF x Far_LoA	-8,631	-0,111	0,309
CHR11	6835544	CHR11:6835544	SSF x Far_LoA	-10,999	0,032	0,306
CHR11	6881115	CHR11:6881115	SSF x Far_LoA	-10,470	0,131	0,293
CHR11	6881199	CHR11:6881199	SSF x Far_LoA	-7,362	0,105	0,279
CHR11	6881228	CHR11:6881228	SSF x Far_LoA	-6,131	0,084	0,284
CHR11	6881377	CHR11:6881377	SSF x Far_LoA	-10,323	-0,073	0,295
CHR11	6881395	CHR11:6881395	SSF x Far_LoA	-6,452	0,130	0,299
CHR11	6881524	CHR11:6881524	SSF x Far_LoA	-4,423	0,053	0,299
CHR11	6881529	CHR11:6881529	SSF x Far_LoA	-9,424	-0,095	0,299
CHR11	6881540	CHR11:6881540	SSF x Far_LoA	-10,485	0,004	0,288
CHR11	6881543	CHR11:6881543	SSF x Far_LoA	-10,671	-0,143	0,279
CHR11	6881551	CHR11:6881551	SSF x Far_LoA	-8,401	-0,118	0,305
CHR11	6914791	CHR11:6914791	SSF x Far_LoA	-9,142	-0,050	0,285
CHR11	6914871	CHR11:6914871	SSF x Far_LoA	-9,891	-0,039	0,296
CHR11	6920711	CHR11:6920711	SSF x Far_LoA	-1,902	-0,094	0,298
CHR11	6928134	CHR11:6928134	SSF x Far_LoA	-11,340	-0,052	0,293
CHR11	6948780	CHR11:6948780	SSF x Far_LoA	-7,538	0,020	0,286
CHR11	6948787	CHR11:6948787	SSF x Far_LoA	-9,138	-0,001	0,293
CHR11	6948788	CHR11:6948788	SSF x Far_LoA	-9,827	-0,021	0,284
CHR11	6948798	CHR11:6948798	SSF x Far_LoA	-9,799	-0,005	0,272
CHR11	6948826	CHR11:6948826	SSF x Far_LoA	-9,447	-0,022	0,291
CHR11	6955379	CHR11:6955379	SSF x Far_LoA	-10,576	0,024	0,283
CHR11	6979926	CHR11:6979926	SSF x Far_LoA	-8,881	0,043	0,288
CHR11	6979928	CHR11:6979928	SSF x Far_LoA	-8,911	-0,047	0,290
CHR11	6979965	CHR11:6979965	SSF x Far_LoA	-8,338	0,139	0,271
CHR11	6983058	CHR11:6983058	SSF x Far_LoA	-7,916	-0,109	0,277
CHR11	7001122	CHR11:7001122	SSF x Far_LoA	-11,087	-0,071	0,287
CHR11	7001125	CHR11:7001125	SSF x Far_LoA	-7,969	-0,095	0,284
CHR11	7001169	CHR11:7001169	SSF x Far_LoA	-11,214	0,020	0,290
CHR11	7001205	CHR11:7001205	SSF x Far_LoA	-9,461	-0,016	0,305
CHR11	7001215	CHR11:7001215	SSF x Far_LoA	-6,653	0,003	0,287
CHR11	7014020	CHR11:7014020	SSF x Far_LoA	-9,042	-0,139	0,291
CHR11	7014050	CHR11:7014050	SSF x Far_LoA	-10,420	-0,099	0,288
CHR11	7014206	CHR11:7014206	SSF x Far_LoA	-8,676	0,047	0,285
CHR11	7014217	CHR11:7014217	SSF x Far_LoA	-10,510	0,003	0,298
CHR11	7014231	CHR11:7014231	SSF x Far_LoA	-11,859	0,105	0,287
CHR11	7022633	CHR11:7022633	SSF x Far_LoA	-8,651	-0,013	0,291
CHR11	7022702	CHR11:7022702	SSF x Far_LoA	-7,140	0,125	0,299
CHR11	7022731	CHR11:7022731	SSF x Far_LoA	-7,563	-0,093	0,288
CHR11	7022768	CHR11:7022768	SSF x Far_LoA	-8,882	-0,045	0,307
CHR11	7030086	CHR11:7030086	SSF x Far_LoA	-9,735	0,085	0,286
CHR11	7030211	CHR11:7030211	SSF x Far_LoA	-8,034	-0,082	0,305

CHR11	7030258	CHR11:7030258	SSF x Far_LoA	-6,487	-0,039	0,296
CHR11	7030273	CHR11:7030273	SSF x Far_LoA	-10,185	-0,025	0,296
CHR11	7030284	CHR11:7030284	SSF x Far_LoA	-11,091	-0,051	0,291
CHR11	7030300	CHR11:7030300	SSF x Far_LoA	-10,641	0,013	0,292
CHR11	7035985	CHR11:7035985	SSF x Far_LoA	-8,956	0,023	0,282
CHR11	7036028	CHR11:7036028	SSF x Far_LoA	-8,069	-0,064	0,288
CHR11	7036172	CHR11:7036172	SSF x Far_LoA	-9,189	-0,043	0,291
CHR11	7036182	CHR11:7036182	SSF x Far_LoA	-9,383	-0,051	0,287
CHR11	7040315	CHR11:7040315	SSF x Far_LoA	-9,670	-0,047	0,302
CHR11	7040594	CHR11:7040594	SSF x Far_LoA	-7,381	-0,137	0,278
CHR11	7040747	CHR11:7040747	SSF x Far_LoA	-9,026	-0,001	0,289
CHR11	7040816	CHR11:7040816	SSF x Far_LoA	-10,516	0,015	0,292
CHR11	7040906	CHR11:7040906	SSF x Far_LoA	-8,613	0,028	0,296
CHR11	7055029	CHR11:7055029	SSF x Far_LoA	-12,442	0,013	0,277
CHR11	7055355	CHR11:7055355	SSF x Far_LoA	-10,223	-0,125	0,287
CHR11	7071121	CHR11:7071121	SSF x Far_LoA	-8,785	0,031	0,291
CHR11	7071133	CHR11:7071133	SSF x Far_LoA	-9,054	0,030	0,307
CHR11	7071406	CHR11:7071406	SSF x Far_LoA	-10,502	0,094	0,268
CHR11	7071427	CHR11:7071427	SSF x Far_LoA	-9,713	-0,056	0,288
CHR11	7077532	CHR11:7077532	SSF x Far_LoA	-10,782	0,134	0,295
CHR11	7077587	CHR11:7077587	SSF x Far_LoA	-8,235	-0,073	0,290
CHR11	7077636	CHR11:7077636	SSF x Far_LoA	-6,629	-0,141	0,288
CHR11	7084309	CHR11:7084309	SSF x Far_LoA	-10,737	0,035	0,284
CHR11	7084459	CHR11:7084459	SSF x Far_LoA	-2,904	-0,134	0,275
CHR11	7084559	CHR11:7084559	SSF x Far_LoA	-10,028	-0,013	0,288
CHR11	7130206	CHR11:7130206	SSF x Far_LoA	-10,142	0,142	0,285
CHR11	7130426	CHR11:7130426	SSF x Far_LoA	-9,495	0,024	0,297
CHR11	7130541	CHR11:7130541	SSF x Far_LoA	-6,956	0,095	0,302
CHR11	7135759	CHR11:7135759	SSF x Far_LoA	-8,542	-0,069	0,294
CHR11	7135796	CHR11:7135796	SSF x Far_LoA	-10,466	0,108	0,289
CHR11	7135803	CHR11:7135803	SSF x Far_LoA	-10,216	0,000	0,279
CHR11	7135852	CHR11:7135852	SSF x Far_LoA	-8,701	0,015	0,290
CHR11	7135877	CHR11:7135877	SSF x Far_LoA	-11,481	-0,050	0,281
CHR11	7135886	CHR11:7135886	SSF x Far_LoA	-9,104	-0,029	0,292
CHR11	7135961	CHR11:7135961	SSF x Far_LoA	-9,469	-0,086	0,302
CHR11	7135965	CHR11:7135965	SSF x Far_LoA	-7,549	-0,087	0,302
CHR11	7135966	CHR11:7135966	SSF x Far_LoA	-8,270	-0,055	0,292
CHR11	7135967	CHR11:7135967	SSF x Far_LoA	-8,814	-0,067	0,291
CHR11	7136012	CHR11:7136012	SSF x Far_LoA	-8,569	-0,063	0,305
CHR11	7136050	CHR11:7136050	SSF x Far_LoA	-9,939	0,116	0,275
CHR11	7136068	CHR11:7136068	SSF x Far_LoA	-8,500	0,120	0,272
CHR11	7142133	CHR11:7142133	SSF x Far_LoA	-9,192	-0,054	0,286
CHR11	7142225	CHR11:7142225	SSF x Far_LoA	-8,368	-0,077	0,306
CHR11	7142236	CHR11:7142236	SSF x Far_LoA	-9,390	-0,030	0,280
CHR11	7142237	CHR11:7142237	SSF x Far_LoA	-7,284	-0,031	0,295
CHR11	7142306	CHR11:7142306	SSF x Far_LoA	-7,690	0,169	0,272
CHR11	7142358	CHR11:7142358	SSF x Far_LoA	-1,056	-0,098	0,305
CHR11	7142360	CHR11:7142360	SSF x Far_LoA	-0,873	-0,086	0,294
CHR11	7150574	CHR11:7150574	SSF x Far_LoA	-7,243	-0,113	0,280
CHR11	7150626	CHR11:7150626	SSF x Far_LoA	-7,369	-0,111	0,277
CHR11	7150698	CHR11:7150698	SSF x Far_LoA	-6,516	-0,110	0,268
CHR11	7150823	CHR11:7150823	SSF x Far_LoA	-9,210	0,039	0,297
CHR11	7150843	CHR11:7150843	SSF x Far_LoA	-9,054	-0,064	0,298

CHR11	7158093	CHR11:7158093	SSF x Far_LoA	-8,932	0,004	0,294
CHR11	7158233	CHR11:7158233	SSF x Far_LoA	-6,955	-0,105	0,300
CHR11	7163836	CHR11:7163836	SSF x Far_LoA	-6,806	-0,093	0,284
CHR11	7163874	CHR11:7163874	SSF x Far_LoA	-7,667	0,084	0,290
CHR11	7163881	CHR11:7163881	SSF x Far_LoA	-10,629	-0,040	0,287
CHR11	7163927	CHR11:7163927	SSF x Far_LoA	-8,648	0,107	0,273
CHR11	7163934	CHR11:7163934	SSF x Far_LoA	-8,108	0,113	0,286
CHR11	7163978	CHR11:7163978	SSF x Far_LoA	-7,236	0,125	0,284
CHR11	7177058	CHR11:7177058	SSF x Far_LoA	-10,393	-0,021	0,293
CHR11	7200531	CHR11:7200531	SSF x Far_LoA	-6,812	0,033	0,294
CHR11	7226047	CHR11:7226047	SSF x Far_LoA	-10,871	0,068	0,285
CHR11	7272839	CHR11:7272839	SSF x Far_LoA	-6,778	0,198	0,284
CHR11	727534	CHR11:727534	SSF x Far_LoA	-11,306	-0,002	0,292
CHR11	727612	CHR11:727612	SSF x Far_LoA	-10,037	0,012	0,283
CHR11	727726	CHR11:727726	SSF x Far_LoA	-9,515	0,086	0,290
CHR11	727822	CHR11:727822	SSF x Far_LoA	-9,621	0,002	0,296
CHR11	727929	CHR11:727929	SSF x Far_LoA	-11,879	-0,057	0,293
CHR11	7308810	CHR11:7308810	SSF x Far_LoA	-5,035	-0,121	0,284
CHR11	7308824	CHR11:7308824	SSF x Far_LoA	-6,031	-0,168	0,290
CHR11	7308969	CHR11:7308969	SSF x Far_LoA	-8,623	0,117	0,285
CHR11	7310808	CHR11:7310808	SSF x Far_LoA	-7,970	-0,146	0,292
CHR11	7311012	CHR11:7311012	SSF x Far_LoA	-8,386	0,185	0,277
CHR11	7320230	CHR11:7320230	SSF x Far_LoA	-3,644	-0,183	0,282
CHR11	7320397	CHR11:7320397	SSF x Far_LoA	-7,967	-0,130	0,296
CHR11	7331429	CHR11:7331429	SSF x Far_LoA	-10,091	0,069	0,284
CHR11	7366867	CHR11:7366867	SSF x Far_LoA	-9,973	-0,092	0,294
CHR11	7366886	CHR11:7366886	SSF x Far_LoA	-8,310	-0,007	0,286
CHR11	7366911	CHR11:7366911	SSF x Far_LoA	-9,479	0,049	0,281
CHR11	7370275	CHR11:7370275	SSF x Far_LoA	-9,373	-0,064	0,293
CHR11	7370343	CHR11:7370343	SSF x Far_LoA	-10,053	-0,027	0,277
CHR11	7370397	CHR11:7370397	SSF x Far_LoA	-9,706	-0,033	0,288
CHR11	7370520	CHR11:7370520	SSF x Far_LoA	-10,877	0,001	0,289
CHR11	7373940	CHR11:7373940	SSF x Far_LoA	-9,531	0,013	0,292
CHR11	7387570	CHR11:7387570	SSF x Far_LoA	-8,991	-0,106	0,285
CHR11	7416285	CHR11:7416285	SSF x Far_LoA	-9,819	0,022	0,288
CHR11	7416484	CHR11:7416484	SSF x Far_LoA	-6,325	0,017	0,300
CHR11	7420402	CHR11:7420402	SSF x Far_LoA	-8,710	0,070	0,296
CHR11	7420454	CHR11:7420454	SSF x Far_LoA	-8,624	0,093	0,296
CHR11	7420537	CHR11:7420537	SSF x Far_LoA	-12,250	0,045	0,288
CHR11	7420539	CHR11:7420539	SSF x Far_LoA	-9,628	0,059	0,289
CHR11	7420540	CHR11:7420540	SSF x Far_LoA	-7,831	0,010	0,285
CHR11	7420557	CHR11:7420557	SSF x Far_LoA	-10,906	0,091	0,285
CHR11	7439384	CHR11:7439384	SSF x Far_LoA	-11,358	0,065	0,286
CHR11	7469517	CHR11:7469517	SSF x Far_LoA	-6,010	0,152	0,295
CHR11	7469551	CHR11:7469551	SSF x Far_LoA	-8,899	0,127	0,293
CHR11	7469560	CHR11:7469560	SSF x Far_LoA	-7,097	0,143	0,285
CHR11	7469568	CHR11:7469568	SSF x Far_LoA	-7,306	0,116	0,298
CHR11	7469595	CHR11:7469595	SSF x Far_LoA	1,451	-0,151	0,309
CHR11	7469661	CHR11:7469661	SSF x Far_LoA	-10,634	-0,025	0,302
CHR11	7474302	CHR11:7474302	SSF x Far_LoA	-10,041	-0,003	0,290
CHR11	7474422	CHR11:7474422	SSF x Far_LoA	-10,288	-0,036	0,274
CHR11	7474427	CHR11:7474427	SSF x Far_LoA	-11,717	0,036	0,292
CHR11	7474470	CHR11:7474470	SSF x Far_LoA	-9,405	0,015	0,302

CHR11	7487111	CHR11:7487111	SSF x Far_LoA	-8,987	-0,016	0,303
CHR11	7487177	CHR11:7487177	SSF x Far_LoA	-7,645	-0,042	0,289
CHR11	7487212	CHR11:7487212	SSF x Far_LoA	-7,131	0,179	0,288
CHR11	7487315	CHR11:7487315	SSF x Far_LoA	-8,694	-0,093	0,288
CHR11	7499525	CHR11:7499525	SSF x Far_LoA	-6,689	0,042	0,296
CHR11	7499532	CHR11:7499532	SSF x Far_LoA	-8,143	-0,137	0,290
CHR11	7499542	CHR11:7499542	SSF x Far_LoA	-7,569	-0,144	0,276
CHR11	7507609	CHR11:7507609	SSF x Far_LoA	-8,752	-0,086	0,289
CHR11	7507725	CHR11:7507725	SSF x Far_LoA	-8,398	-0,049	0,277
CHR11	7507792	CHR11:7507792	SSF x Far_LoA	-5,739	0,134	0,300
CHR11	7507824	CHR11:7507824	SSF x Far_LoA	-8,057	0,077	0,291
CHR11	7507833	CHR11:7507833	SSF x Far_LoA	-8,570	-0,065	0,305
CHR11	7507835	CHR11:7507835	SSF x Far_LoA	-11,950	0,037	0,293
CHR11	7507839	CHR11:7507839	SSF x Far_LoA	-7,144	-0,120	0,297
CHR11	7507918	CHR11:7507918	SSF x Far_LoA	-11,470	-0,038	0,288
CHR11	7507957	CHR11:7507957	SSF x Far_LoA	-9,072	-0,103	0,291
CHR11	7508003	CHR11:7508003	SSF x Far_LoA	-6,667	-0,043	0,291
CHR11	7520041	CHR11:7520041	SSF x Far_LoA	-12,150	0,065	0,284
CHR11	7520072	CHR11:7520072	SSF x Far_LoA	-9,254	-0,014	0,298
CHR11	7520206	CHR11:7520206	SSF x Far_LoA	-7,918	-0,112	0,278
CHR11	7520207	CHR11:7520207	SSF x Far_LoA	-11,109	0,019	0,284
CHR11	7521521	CHR11:7521521	SSF x Far_LoA	-10,733	0,049	0,284
CHR11	7521544	CHR11:7521544	SSF x Far_LoA	-9,568	-0,031	0,279
CHR11	7525801	CHR11:7525801	SSF x Far_LoA	-9,948	0,005	0,291
CHR11	7525947	CHR11:7525947	SSF x Far_LoA	-8,148	0,073	0,291
CHR11	7547423	CHR11:7547423	SSF x Far_LoA	-8,828	0,027	0,290
CHR11	7547480	CHR11:7547480	SSF x Far_LoA	-9,458	0,163	0,281
CHR11	7547576	CHR11:7547576	SSF x Far_LoA	-6,927	0,107	0,306
CHR11	7551332	CHR11:7551332	SSF x Far_LoA	-11,336	-0,035	0,294
CHR11	7551431	CHR11:7551431	SSF x Far_LoA	-8,732	0,226	0,276
CHR11	7553633	CHR11:7553633	SSF x Far_LoA	-10,563	-0,037	0,301
CHR11	7553711	CHR11:7553711	SSF x Far_LoA	-8,774	0,018	0,294
CHR11	7553719	CHR11:7553719	SSF x Far_LoA	-7,295	0,161	0,279
CHR11	7553766	CHR11:7553766	SSF x Far_LoA	-11,213	-0,044	0,296
CHR11	7553771	CHR11:7553771	SSF x Far_LoA	-11,626	-0,033	0,292
CHR11	7553796	CHR11:7553796	SSF x Far_LoA	-9,781	0,101	0,293
CHR11	7579212	CHR11:7579212	SSF x Far_LoA	-8,112	-0,060	0,300
CHR11	7579475	CHR11:7579475	SSF x Far_LoA	-11,234	0,095	0,288
CHR11	7594387	CHR11:7594387	SSF x Far_LoA	-9,014	-0,019	0,295
CHR11	7594408	CHR11:7594408	SSF x Far_LoA	-8,469	0,152	0,267
CHR11	7594410	CHR11:7594410	SSF x Far_LoA	-8,071	-0,120	0,299
CHR11	7602517	CHR11:7602517	SSF x Far_LoA	-9,182	-0,003	0,272
CHR11	7602544	CHR11:7602544	SSF x Far_LoA	-10,924	-0,080	0,293
CHR11	7603027	CHR11:7603027	SSF x Far_LoA	-9,245	0,005	0,293
CHR11	7603085	CHR11:7603085	SSF x Far_LoA	-10,228	0,076	0,285
CHR11	7609492	CHR11:7609492	SSF x Far_LoA	-8,999	0,030	0,300
CHR11	7609498	CHR11:7609498	SSF x Far_LoA	-9,943	0,007	0,282
CHR11	7609560	CHR11:7609560	SSF x Far_LoA	-11,559	0,020	0,289
CHR11	7609563	CHR11:7609563	SSF x Far_LoA	-9,895	0,025	0,287
CHR11	7619418	CHR11:7619418	SSF x Far_LoA	-9,178	-0,010	0,298
CHR11	7643959	CHR11:7643959	SSF x Far_LoA	-9,157	-0,106	0,283
CHR11	7651302	CHR11:7651302	SSF x Far_LoA	-7,271	0,081	0,291
CHR11	7694908	CHR11:7694908	SSF x Far_LoA	-9,409	-0,046	0,285

CHR11	7716921	CHR11:7716921	SSF x Far_LoA	-10,188	0,086	0,280
CHR11	7756793	CHR11:7756793	SSF x Far_LoA	-9,325	-0,051	0,288
CHR11	779177	CHR11:779177	SSF x Far_LoA	-8,263	0,060	0,292
CHR11	779555	CHR11:779555	SSF x Far_LoA	-10,121	0,034	0,303
CHR11	7898515	CHR11:7898515	SSF x Far_LoA	-7,390	0,050	0,299
CHR11	7904204	CHR11:7904204	SSF x Far_LoA	-9,700	0,000	0,306
CHR11	7919432	CHR11:7919432	SSF x Far_LoA	-11,332	-0,033	0,287
CHR11	797185	CHR11:797185	SSF x Far_LoA	-9,043	-0,141	0,286
CHR11	797202	CHR11:797202	SSF x Far_LoA	-10,684	0,084	0,283
CHR11	8033323	CHR11:8033323	SSF x Far_LoA	-11,450	-0,078	0,282
CHR11	8033608	CHR11:8033608	SSF x Far_LoA	-10,065	-0,076	0,287
CHR11	804253	CHR11:804253	SSF x Far_LoA	-9,490	-0,081	0,278
CHR11	804333	CHR11:804333	SSF x Far_LoA	-8,601	-0,073	0,296
CHR11	804371	CHR11:804371	SSF x Far_LoA	-8,361	0,039	0,282
CHR11	804384	CHR11:804384	SSF x Far_LoA	-8,656	0,159	0,274
CHR11	804399	CHR11:804399	SSF x Far_LoA	-10,045	-0,024	0,291
CHR11	804401	CHR11:804401	SSF x Far_LoA	-10,529	0,072	0,281
CHR11	804416	CHR11:804416	SSF x Far_LoA	-10,673	-0,072	0,293
CHR11	804673	CHR11:804673	SSF x Far_LoA	-11,751	0,063	0,278
CHR11	804765	CHR11:804765	SSF x Far_LoA	-5,931	-0,085	0,302
CHR11	8061235	CHR11:8061235	SSF x Far_LoA	-8,040	-0,109	0,299
CHR11	8061298	CHR11:8061298	SSF x Far_LoA	-10,771	-0,060	0,287
CHR11	8061305	CHR11:8061305	SSF x Far_LoA	-11,213	-0,105	0,287
CHR11	8061311	CHR11:8061311	SSF x Far_LoA	-10,544	-0,087	0,279
CHR11	8061340	CHR11:8061340	SSF x Far_LoA	-10,103	0,008	0,300
CHR11	8079605	CHR11:8079605	SSF x Far_LoA	-9,945	-0,049	0,298
CHR11	8079690	CHR11:8079690	SSF x Far_LoA	-5,571	0,106	0,292
CHR11	8079835	CHR11:8079835	SSF x Far_LoA	-10,990	0,051	0,285
CHR11	8082012	CHR11:8082012	SSF x Far_LoA	-9,838	-0,128	0,296
CHR11	8082085	CHR11:8082085	SSF x Far_LoA	-9,589	0,094	0,296
CHR11	8082134	CHR11:8082134	SSF x Far_LoA	-10,959	-0,058	0,297
CHR11	8082178	CHR11:8082178	SSF x Far_LoA	-10,174	0,019	0,296
CHR11	8094288	CHR11:8094288	SSF x Far_LoA	-8,752	-0,060	0,283
CHR11	8102870	CHR11:8102870	SSF x Far_LoA	-7,842	-0,070	0,306
CHR11	8102967	CHR11:8102967	SSF x Far_LoA	-9,041	-0,017	0,289
CHR11	8103056	CHR11:8103056	SSF x Far_LoA	-11,165	-0,037	0,295
CHR11	8103057	CHR11:8103057	SSF x Far_LoA	-9,120	-0,047	0,307
CHR11	8103095	CHR11:8103095	SSF x Far_LoA	-10,525	0,079	0,285
CHR11	8103106	CHR11:8103106	SSF x Far_LoA	-8,731	0,092	0,298
CHR11	8103191	CHR11:8103191	SSF x Far_LoA	-9,159	0,063	0,290
CHR11	8103193	CHR11:8103193	SSF x Far_LoA	-4,587	0,059	0,305
CHR11	8103207	CHR11:8103207	SSF x Far_LoA	-8,324	0,026	0,306
CHR11	8109666	CHR11:8109666	SSF x Far_LoA	-10,199	-0,071	0,277
CHR11	8109722	CHR11:8109722	SSF x Far_LoA	-4,923	0,120	0,278
CHR11	8109748	CHR11:8109748	SSF x Far_LoA	-9,063	0,036	0,285
CHR11	8109768	CHR11:8109768	SSF x Far_LoA	-7,178	-0,023	0,299
CHR11	8109822	CHR11:8109822	SSF x Far_LoA	-10,736	0,006	0,284
CHR11	8109842	CHR11:8109842	SSF x Far_LoA	-11,122	0,022	0,287
CHR11	8109872	CHR11:8109872	SSF x Far_LoA	-6,756	0,056	0,293
CHR11	8109889	CHR11:8109889	SSF x Far_LoA	-10,164	-0,012	0,304
CHR11	8109899	CHR11:8109899	SSF x Far_LoA	-11,963	0,052	0,294
CHR11	8109917	CHR11:8109917	SSF x Far_LoA	-11,234	-0,081	0,281
CHR11	8109972	CHR11:8109972	SSF x Far_LoA	-9,044	0,041	0,301

CHR11	8110014	CHR11:8110014	SSF x Far_LoA	-9,319	0,015	0,290
CHR11	8120145	CHR11:8120145	SSF x Far_LoA	-8,104	0,095	0,299
CHR11	8120287	CHR11:8120287	SSF x Far_LoA	-8,436	-0,053	0,287
CHR11	8126724	CHR11:8126724	SSF x Far_LoA	-9,672	0,056	0,299
CHR11	8126865	CHR11:8126865	SSF x Far_LoA	-9,924	0,047	0,293
CHR11	8126936	CHR11:8126936	SSF x Far_LoA	-6,061	0,038	0,299
CHR11	8126996	CHR11:8126996	SSF x Far_LoA	-8,234	-0,163	0,295
CHR11	8138230	CHR11:8138230	SSF x Far_LoA	-4,515	-0,161	0,289
CHR11	8138455	CHR11:8138455	SSF x Far_LoA	-9,471	0,101	0,290
CHR11	8138587	CHR11:8138587	SSF x Far_LoA	-9,377	0,049	0,305
CHR11	8138589	CHR11:8138589	SSF x Far_LoA	-9,233	0,068	0,302
CHR11	8138591	CHR11:8138591	SSF x Far_LoA	-8,788	0,038	0,291
CHR11	8146790	CHR11:8146790	SSF x Far_LoA	-10,981	-0,069	0,288
CHR11	8147480	CHR11:8147480	SSF x Far_LoA	-9,916	0,105	0,296
CHR11	8147490	CHR11:8147490	SSF x Far_LoA	-8,350	-0,065	0,296
CHR11	8147506	CHR11:8147506	SSF x Far_LoA	-7,599	-0,086	0,290
CHR11	8147508	CHR11:8147508	SSF x Far_LoA	-11,527	-0,039	0,286
CHR11	8147629	CHR11:8147629	SSF x Far_LoA	-9,604	-0,127	0,290
CHR11	8147639	CHR11:8147639	SSF x Far_LoA	-7,474	-0,117	0,286
CHR11	8147668	CHR11:8147668	SSF x Far_LoA	-9,907	-0,048	0,300
CHR11	8147722	CHR11:8147722	SSF x Far_LoA	-9,180	-0,054	0,283
CHR11	8147754	CHR11:8147754	SSF x Far_LoA	-9,173	-0,024	0,287
CHR11	8147761	CHR11:8147761	SSF x Far_LoA	-9,723	0,029	0,288
CHR11	8147777	CHR11:8147777	SSF x Far_LoA	-9,149	-0,047	0,302
CHR11	8154098	CHR11:8154098	SSF x Far_LoA	-3,610	-0,137	0,298
CHR11	8154103	CHR11:8154103	SSF x Far_LoA	-4,424	-0,226	0,281
CHR11	8154104	CHR11:8154104	SSF x Far_LoA	-7,858	-0,151	0,283
CHR11	8154156	CHR11:8154156	SSF x Far_LoA	-11,523	0,016	0,294
CHR11	8154209	CHR11:8154209	SSF x Far_LoA	-8,478	0,005	0,289
CHR11	8154216	CHR11:8154216	SSF x Far_LoA	-11,390	-0,050	0,296
CHR11	8154219	CHR11:8154219	SSF x Far_LoA	-11,354	-0,018	0,286
CHR11	8154235	CHR11:8154235	SSF x Far_LoA	-9,391	0,085	0,288
CHR11	8154320	CHR11:8154320	SSF x Far_LoA	-8,613	-0,069	0,292
CHR11	8164873	CHR11:8164873	SSF x Far_LoA	-7,887	-0,085	0,287
CHR11	8164886	CHR11:8164886	SSF x Far_LoA	-5,513	-0,117	0,289
CHR11	8164914	CHR11:8164914	SSF x Far_LoA	-9,826	-0,016	0,293
CHR11	8164916	CHR11:8164916	SSF x Far_LoA	-10,075	0,004	0,290
CHR11	8164925	CHR11:8164925	SSF x Far_LoA	-8,467	0,001	0,294
CHR11	8164927	CHR11:8164927	SSF x Far_LoA	2,045	0,094	0,284
CHR11	8164963	CHR11:8164963	SSF x Far_LoA	-8,569	0,001	0,289
CHR11	8164989	CHR11:8164989	SSF x Far_LoA	-6,477	-0,130	0,294
CHR11	8165046	CHR11:8165046	SSF x Far_LoA	-8,737	-0,047	0,275
CHR11	8165049	CHR11:8165049	SSF x Far_LoA	-8,499	-0,058	0,275
CHR11	8165074	CHR11:8165074	SSF x Far_LoA	-12,711	-0,002	0,274
CHR11	8165078	CHR11:8165078	SSF x Far_LoA	-9,317	0,015	0,286
CHR11	8176359	CHR11:8176359	SSF x Far_LoA	-11,596	-0,011	0,283
CHR11	8188222	CHR11:8188222	SSF x Far_LoA	-9,058	0,024	0,289
CHR11	8188289	CHR11:8188289	SSF x Far_LoA	-9,827	-0,002	0,298
CHR11	8188343	CHR11:8188343	SSF x Far_LoA	-7,141	0,072	0,293
CHR11	8188470	CHR11:8188470	SSF x Far_LoA	-6,395	-0,055	0,295
CHR11	8188482	CHR11:8188482	SSF x Far_LoA	-9,370	0,010	0,286
CHR11	8191677	CHR11:8191677	SSF x Far_LoA	-9,329	0,027	0,291
CHR11	8191691	CHR11:8191691	SSF x Far_LoA	-10,881	-0,008	0,293

CHR11	8194489	CHR11:8194489	SSF x Far_LoA	-8,172	0,075	0,282
CHR11	8194541	CHR11:8194541	SSF x Far_LoA	-7,597	0,074	0,288
CHR11	8194603	CHR11:8194603	SSF x Far_LoA	-9,705	0,175	0,287
CHR11	8194709	CHR11:8194709	SSF x Far_LoA	-6,833	0,016	0,289
CHR11	8194758	CHR11:8194758	SSF x Far_LoA	-9,649	-0,047	0,293
CHR11	8194772	CHR11:8194772	SSF x Far_LoA	-7,578	-0,095	0,299
CHR11	8207906	CHR11:8207906	SSF x Far_LoA	-11,964	-0,013	0,298
CHR11	8220073	CHR11:8220073	SSF x Far_LoA	-11,535	-0,018	0,288
CHR11	8220079	CHR11:8220079	SSF x Far_LoA	-7,861	-0,141	0,284
CHR11	8220110	CHR11:8220110	SSF x Far_LoA	-7,077	0,133	0,275
CHR11	8220166	CHR11:8220166	SSF x Far_LoA	-11,697	-0,029	0,282
CHR11	8230159	CHR11:8230159	SSF x Far_LoA	-10,255	-0,021	0,290
CHR11	8230182	CHR11:8230182	SSF x Far_LoA	-9,952	-0,004	0,288
CHR11	8230183	CHR11:8230183	SSF x Far_LoA	-11,669	-0,031	0,294
CHR11	8230229	CHR11:8230229	SSF x Far_LoA	-10,277	0,061	0,274
CHR11	8230333	CHR11:8230333	SSF x Far_LoA	-8,374	-0,086	0,281
CHR11	8230525	CHR11:8230525	SSF x Far_LoA	-11,155	0,112	0,276
CHR11	823342	CHR11:823342	SSF x Far_LoA	-7,638	0,063	0,295
CHR11	823437	CHR11:823437	SSF x Far_LoA	-8,827	0,035	0,286
CHR11	8247149	CHR11:8247149	SSF x Far_LoA	6,112	0,148	0,287
CHR11	8247164	CHR11:8247164	SSF x Far_LoA	-6,683	0,130	0,293
CHR11	8247173	CHR11:8247173	SSF x Far_LoA	-11,013	-0,038	0,289
CHR11	8247266	CHR11:8247266	SSF x Far_LoA	-9,408	0,066	0,285
CHR11	8247298	CHR11:8247298	SSF x Far_LoA	-9,534	-0,040	0,273
CHR11	8247424	CHR11:8247424	SSF x Far_LoA	-7,030	0,148	0,279
CHR11	8247448	CHR11:8247448	SSF x Far_LoA	-8,634	-0,036	0,305
CHR11	8259766	CHR11:8259766	SSF x Far_LoA	-10,132	0,125	0,278
CHR11	8259829	CHR11:8259829	SSF x Far_LoA	-8,754	0,186	0,281
CHR11	8259923	CHR11:8259923	SSF x Far_LoA	-11,248	0,137	0,273
CHR11	8265730	CHR11:8265730	SSF x Far_LoA	-8,559	-0,001	0,293
CHR11	8268119	CHR11:8268119	SSF x Far_LoA	-8,873	0,015	0,289
CHR11	8268278	CHR11:8268278	SSF x Far_LoA	-10,790	-0,029	0,298
CHR11	8268291	CHR11:8268291	SSF x Far_LoA	-10,342	0,039	0,291
CHR11	8272165	CHR11:8272165	SSF x Far_LoA	-9,310	0,050	0,289
CHR11	8272173	CHR11:8272173	SSF x Far_LoA	-6,747	0,019	0,293
CHR11	8272204	CHR11:8272204	SSF x Far_LoA	-5,801	-0,067	0,308
CHR11	8272218	CHR11:8272218	SSF x Far_LoA	1,399	0,131	0,270
CHR11	8272228	CHR11:8272228	SSF x Far_LoA	-9,831	-0,013	0,301
CHR11	8272237	CHR11:8272237	SSF x Far_LoA	-8,737	0,117	0,293
CHR11	8272292	CHR11:8272292	SSF x Far_LoA	-9,973	0,108	0,281
CHR11	8272326	CHR11:8272326	SSF x Far_LoA	-8,666	-0,089	0,288
CHR11	8272332	CHR11:8272332	SSF x Far_LoA	-7,996	-0,154	0,292
CHR11	8272480	CHR11:8272480	SSF x Far_LoA	-9,283	-0,153	0,291
CHR11	8277926	CHR11:8277926	SSF x Far_LoA	-11,007	0,050	0,284
CHR11	8277996	CHR11:8277996	SSF x Far_LoA	-9,510	0,038	0,283
CHR11	8279895	CHR11:8279895	SSF x Far_LoA	-7,993	0,062	0,303
CHR11	8279903	CHR11:8279903	SSF x Far_LoA	-8,660	-0,075	0,300
CHR11	8279940	CHR11:8279940	SSF x Far_LoA	-10,325	-0,026	0,277
CHR11	8281896	CHR11:8281896	SSF x Far_LoA	-8,003	-0,052	0,295
CHR11	8282061	CHR11:8282061	SSF x Far_LoA	-8,805	-0,005	0,304
CHR11	8282098	CHR11:8282098	SSF x Far_LoA	-9,367	0,024	0,277
CHR11	8288213	CHR11:8288213	SSF x Far_LoA	-11,446	0,000	0,294
CHR11	8288467	CHR11:8288467	SSF x Far_LoA	-5,035	0,024	0,288

CHR11	8296329	CHR11:8296329	SSF x Far_LoA	-9,550	-0,020	0,297
CHR11	8296339	CHR11:8296339	SSF x Far_LoA	-8,792	-0,102	0,279
CHR11	8296346	CHR11:8296346	SSF x Far_LoA	-11,017	0,002	0,295
CHR11	8296456	CHR11:8296456	SSF x Far_LoA	-8,258	-0,067	0,291
CHR11	8302221	CHR11:8302221	SSF x Far_LoA	-8,125	-0,029	0,295
CHR11	8302264	CHR11:8302264	SSF x Far_LoA	-6,915	-0,164	0,274
CHR11	8302477	CHR11:8302477	SSF x Far_LoA	-10,453	0,012	0,300
CHR11	831414	CHR11:831414	SSF x Far_LoA	-6,330	-0,071	0,297
CHR11	8315104	CHR11:8315104	SSF x Far_LoA	-10,352	0,024	0,297
CHR11	8315138	CHR11:8315138	SSF x Far_LoA	-11,335	0,015	0,270
CHR11	8315302	CHR11:8315302	SSF x Far_LoA	-7,440	-0,096	0,286
CHR11	8317921	CHR11:8317921	SSF x Far_LoA	-9,516	-0,092	0,291
CHR11	8317929	CHR11:8317929	SSF x Far_LoA	-11,613	-0,043	0,296
CHR11	8320150	CHR11:8320150	SSF x Far_LoA	-11,514	-0,092	0,275
CHR11	8320160	CHR11:8320160	SSF x Far_LoA	-9,473	-0,042	0,289
CHR11	8320344	CHR11:8320344	SSF x Far_LoA	-5,221	0,146	0,287
CHR11	832250	CHR11:832250	SSF x Far_LoA	-10,439	0,007	0,300
CHR11	832255	CHR11:832255	SSF x Far_LoA	-10,790	-0,041	0,287
CHR11	832270	CHR11:832270	SSF x Far_LoA	-7,689	0,089	0,293
CHR11	8337484	CHR11:8337484	SSF x Far_LoA	-6,507	-0,028	0,312
CHR11	8337519	CHR11:8337519	SSF x Far_LoA	-8,465	-0,062	0,302
CHR11	8337606	CHR11:8337606	SSF x Far_LoA	-10,500	0,057	0,299
CHR11	8337754	CHR11:8337754	SSF x Far_LoA	-11,853	0,058	0,285
CHR11	8337793	CHR11:8337793	SSF x Far_LoA	-7,795	0,024	0,300
CHR11	8337863	CHR11:8337863	SSF x Far_LoA	-1,858	-0,142	0,298
CHR11	8337897	CHR11:8337897	SSF x Far_LoA	-10,428	-0,012	0,297
CHR11	8341262	CHR11:8341262	SSF x Far_LoA	-10,490	0,122	0,278
CHR11	8341285	CHR11:8341285	SSF x Far_LoA	-10,094	0,105	0,279
CHR11	8341348	CHR11:8341348	SSF x Far_LoA	-9,810	0,026	0,293
CHR11	8341351	CHR11:8341351	SSF x Far_LoA	-10,346	0,058	0,289
CHR11	8341432	CHR11:8341432	SSF x Far_LoA	-10,747	0,069	0,296
CHR11	8341441	CHR11:8341441	SSF x Far_LoA	-9,645	-0,036	0,296
CHR11	8346724	CHR11:8346724	SSF x Far_LoA	-5,579	0,108	0,293
CHR11	8346773	CHR11:8346773	SSF x Far_LoA	-9,510	-0,113	0,307
CHR11	8347298	CHR11:8347298	SSF x Far_LoA	-8,425	-0,111	0,292
CHR11	8347358	CHR11:8347358	SSF x Far_LoA	-6,240	-0,046	0,287
CHR11	8347419	CHR11:8347419	SSF x Far_LoA	-9,159	-0,022	0,299
CHR11	8349171	CHR11:8349171	SSF x Far_LoA	-9,415	-0,039	0,296
CHR11	8349244	CHR11:8349244	SSF x Far_LoA	-10,338	0,047	0,280
CHR11	8351590	CHR11:8351590	SSF x Far_LoA	-5,997	0,110	0,283
CHR11	8357937	CHR11:8357937	SSF x Far_LoA	-8,704	0,042	0,297
CHR11	8357950	CHR11:8357950	SSF x Far_LoA	-10,857	0,028	0,283
CHR11	8358000	CHR11:8358000	SSF x Far_LoA	-10,919	0,034	0,285
CHR11	8359286	CHR11:8359286	SSF x Far_LoA	-0,401	-0,096	0,290
CHR11	8364160	CHR11:8364160	SSF x Far_LoA	-10,248	0,125	0,278
CHR11	8364320	CHR11:8364320	SSF x Far_LoA	-8,083	-0,038	0,278
CHR11	8364451	CHR11:8364451	SSF x Far_LoA	-7,934	-0,172	0,283
CHR11	8373227	CHR11:8373227	SSF x Far_LoA	-10,247	-0,011	0,306
CHR11	8373241	CHR11:8373241	SSF x Far_LoA	-9,505	0,138	0,291
CHR11	8373258	CHR11:8373258	SSF x Far_LoA	-11,092	-0,014	0,295
CHR11	8373301	CHR11:8373301	SSF x Far_LoA	-3,742	0,172	0,282
CHR11	8373307	CHR11:8373307	SSF x Far_LoA	-9,905	-0,103	0,288
CHR11	8373445	CHR11:8373445	SSF x Far_LoA	-7,062	-0,019	0,295

CHR11	8373520	CHR11:8373520	SSF x Far_LoA	-9,799	-0,055	0,296
CHR11	8373706	CHR11:8373706	SSF x Far_LoA	-8,408	-0,038	0,278
CHR11	837977	CHR11:837977	SSF x Far_LoA	-5,120	0,064	0,283
CHR11	838019	CHR11:838019	SSF x Far_LoA	-9,985	0,025	0,288
CHR11	8380485	CHR11:8380485	SSF x Far_LoA	-10,942	0,054	0,287
CHR11	8380525	CHR11:8380525	SSF x Far_LoA	-8,334	-0,036	0,299
CHR11	8380532	CHR11:8380532	SSF x Far_LoA	-9,115	0,093	0,294
CHR11	8380581	CHR11:8380581	SSF x Far_LoA	-7,644	-0,094	0,284
CHR11	8380586	CHR11:8380586	SSF x Far_LoA	-5,199	-0,089	0,292
CHR11	8380590	CHR11:8380590	SSF x Far_LoA	-7,211	-0,095	0,295
CHR11	8380597	CHR11:8380597	SSF x Far_LoA	-9,165	-0,093	0,283
CHR11	8384869	CHR11:8384869	SSF x Far_LoA	-7,657	0,026	0,299
CHR11	8384879	CHR11:8384879	SSF x Far_LoA	-11,104	0,012	0,286
CHR11	8384899	CHR11:8384899	SSF x Far_LoA	-10,515	-0,056	0,296
CHR11	8385050	CHR11:8385050	SSF x Far_LoA	-9,648	0,107	0,292
CHR11	8385164	CHR11:8385164	SSF x Far_LoA	-9,769	-0,060	0,288
CHR11	845130	CHR11:845130	SSF x Far_LoA	-9,529	0,011	0,298
CHR11	845147	CHR11:845147	SSF x Far_LoA	-12,214	0,005	0,289
CHR11	845767	CHR11:845767	SSF x Far_LoA	-10,750	0,008	0,288
CHR11	845806	CHR11:845806	SSF x Far_LoA	-10,650	-0,013	0,297
CHR11	8496899	CHR11:8496899	SSF x Far_LoA	-7,166	0,058	0,274
CHR11	8496930	CHR11:8496930	SSF x Far_LoA	-7,554	0,085	0,290
CHR11	8497000	CHR11:8497000	SSF x Far_LoA	-8,147	0,065	0,291
CHR11	8497043	CHR11:8497043	SSF x Far_LoA	-6,993	0,210	0,275
CHR11	8519779	CHR11:8519779	SSF x Far_LoA	-10,408	0,059	0,271
CHR11	8519793	CHR11:8519793	SSF x Far_LoA	-9,282	0,068	0,295
CHR11	8519900	CHR11:8519900	SSF x Far_LoA	-9,081	0,070	0,290
CHR11	8519909	CHR11:8519909	SSF x Far_LoA	-11,213	-0,003	0,294
CHR11	8519970	CHR11:8519970	SSF x Far_LoA	-9,542	-0,007	0,297
CHR11	8519973	CHR11:8519973	SSF x Far_LoA	-9,586	-0,055	0,281
CHR11	8522312	CHR11:8522312	SSF x Far_LoA	-9,794	-0,060	0,288
CHR11	8522356	CHR11:8522356	SSF x Far_LoA	-7,987	-0,046	0,297
CHR11	8522434	CHR11:8522434	SSF x Far_LoA	-7,508	-0,085	0,303
CHR11	8526967	CHR11:8526967	SSF x Far_LoA	-7,998	0,129	0,286
CHR11	8527043	CHR11:8527043	SSF x Far_LoA	-2,269	0,141	0,290
CHR11	8538919	CHR11:8538919	SSF x Far_LoA	-8,386	-0,117	0,291
CHR11	8539009	CHR11:8539009	SSF x Far_LoA	-9,203	0,062	0,289
CHR11	8539156	CHR11:8539156	SSF x Far_LoA	-1,962	-0,163	0,292
CHR11	8553596	CHR11:8553596	SSF x Far_LoA	-7,320	0,068	0,276
CHR11	8553644	CHR11:8553644	SSF x Far_LoA	-4,065	0,085	0,289
CHR11	8553667	CHR11:8553667	SSF x Far_LoA	-5,727	-0,047	0,283
CHR11	8595112	CHR11:8595112	SSF x Far_LoA	-11,204	0,095	0,288
CHR11	8595237	CHR11:8595237	SSF x Far_LoA	-1,889	0,229	0,282
CHR11	8595272	CHR11:8595272	SSF x Far_LoA	-6,833	0,138	0,283
CHR11	8595391	CHR11:8595391	SSF x Far_LoA	-9,987	0,065	0,287
CHR11	8608790	CHR11:8608790	SSF x Far_LoA	-9,403	0,095	0,288
CHR11	8612689	CHR11:8612689	SSF x Far_LoA	-6,160	0,061	0,299
CHR11	8617368	CHR11:8617368	SSF x Far_LoA	-8,109	0,172	0,280
CHR11	8624465	CHR11:8624465	SSF x Far_LoA	-11,844	0,014	0,283
CHR11	8624658	CHR11:8624658	SSF x Far_LoA	-7,267	0,135	0,303
CHR11	8631308	CHR11:8631308	SSF x Far_LoA	-10,391	0,015	0,303
CHR11	8631523	CHR11:8631523	SSF x Far_LoA	-9,695	-0,040	0,278
CHR11	8631524	CHR11:8631524	SSF x Far_LoA	-9,409	-0,036	0,283

CHR11	8631649	CHR11:8631649	SSF x Far_LoA	-5,293	-0,209	0,279
CHR11	8631662	CHR11:8631662	SSF x Far_LoA	-9,619	0,124	0,278
CHR11	8631677	CHR11:8631677	SSF x Far_LoA	-6,703	0,110	0,294
CHR11	8631695	CHR11:8631695	SSF x Far_LoA	-3,945	-0,167	0,282
CHR11	8652460	CHR11:8652460	SSF x Far_LoA	-11,658	-0,070	0,285
CHR11	8652605	CHR11:8652605	SSF x Far_LoA	-8,529	0,137	0,296
CHR11	865300	CHR11:865300	SSF x Far_LoA	-11,155	-0,010	0,298
CHR11	865459	CHR11:865459	SSF x Far_LoA	-11,590	0,031	0,282
CHR11	8660729	CHR11:8660729	SSF x Far_LoA	-10,379	0,098	0,279
CHR11	8665836	CHR11:8665836	SSF x Far_LoA	-8,818	0,163	0,293
CHR11	8705395	CHR11:8705395	SSF x Far_LoA	-8,360	-0,021	0,307
CHR11	8708649	CHR11:8708649	SSF x Far_LoA	-8,477	-0,018	0,317
CHR11	8711340	CHR11:8711340	SSF x Far_LoA	0,016	-0,167	0,291
CHR11	8711383	CHR11:8711383	SSF x Far_LoA	-9,941	-0,025	0,307
CHR11	8711521	CHR11:8711521	SSF x Far_LoA	-6,960	-0,152	0,279
CHR11	8715129	CHR11:8715129	SSF x Far_LoA	-8,865	-0,105	0,293
CHR11	8715183	CHR11:8715183	SSF x Far_LoA	-10,437	-0,041	0,303
CHR11	8715261	CHR11:8715261	SSF x Far_LoA	-11,622	0,014	0,284
CHR11	8729002	CHR11:8729002	SSF x Far_LoA	-7,557	0,204	0,265
CHR11	874102	CHR11:874102	SSF x Far_LoA	-6,694	0,096	0,280
CHR11	874199	CHR11:874199	SSF x Far_LoA	-8,368	-0,113	0,312
CHR11	874222	CHR11:874222	SSF x Far_LoA	-8,945	-0,031	0,275
CHR11	8747043	CHR11:8747043	SSF x Far_LoA	-7,826	0,103	0,286
CHR11	8747260	CHR11:8747260	SSF x Far_LoA	-8,163	0,034	0,283
CHR11	8747304	CHR11:8747304	SSF x Far_LoA	-4,744	-0,035	0,298
CHR11	8747348	CHR11:8747348	SSF x Far_LoA	-9,247	0,103	0,289
CHR11	8760773	CHR11:8760773	SSF x Far_LoA	-11,164	0,076	0,303
CHR11	8760979	CHR11:8760979	SSF x Far_LoA	-10,883	-0,036	0,290
CHR11	8761029	CHR11:8761029	SSF x Far_LoA	-11,152	0,050	0,290
CHR11	8767761	CHR11:8767761	SSF x Far_LoA	-10,880	0,058	0,299
CHR11	8767762	CHR11:8767762	SSF x Far_LoA	-9,879	-0,017	0,289
CHR11	8767787	CHR11:8767787	SSF x Far_LoA	-8,326	-0,033	0,305
CHR11	8767996	CHR11:8767996	SSF x Far_LoA	-5,710	-0,029	0,288
CHR11	8772734	CHR11:8772734	SSF x Far_LoA	-10,921	0,046	0,302
CHR11	8796155	CHR11:8796155	SSF x Far_LoA	-9,842	0,048	0,283
CHR11	8796244	CHR11:8796244	SSF x Far_LoA	-9,490	0,000	0,283
CHR11	8796363	CHR11:8796363	SSF x Far_LoA	-11,498	-0,019	0,286
CHR11	8796399	CHR11:8796399	SSF x Far_LoA	-8,707	-0,010	0,304
CHR11	8797397	CHR11:8797397	SSF x Far_LoA	-8,844	0,091	0,286
CHR11	8797448	CHR11:8797448	SSF x Far_LoA	-8,500	0,047	0,288
CHR11	8797744	CHR11:8797744	SSF x Far_LoA	-8,677	0,062	0,290
CHR11	8797861	CHR11:8797861	SSF x Far_LoA	-6,343	-0,016	0,304
CHR11	8798963	CHR11:8798963	SSF x Far_LoA	-4,512	-0,022	0,299
CHR11	880014	CHR11:880014	SSF x Far_LoA	-10,652	0,022	0,287
CHR11	8807428	CHR11:8807428	SSF x Far_LoA	-10,731	0,057	0,275
CHR11	8807481	CHR11:8807481	SSF x Far_LoA	-2,260	-0,227	0,278
CHR11	8807512	CHR11:8807512	SSF x Far_LoA	-9,960	-0,101	0,286
CHR11	8807570	CHR11:8807570	SSF x Far_LoA	-5,126	-0,261	0,276
CHR11	8808586	CHR11:8808586	SSF x Far_LoA	-7,218	0,180	0,287
CHR11	8808593	CHR11:8808593	SSF x Far_LoA	-6,237	0,166	0,280
CHR11	8829716	CHR11:8829716	SSF x Far_LoA	-6,965	0,199	0,276
CHR11	8829753	CHR11:8829753	SSF x Far_LoA	-8,291	-0,177	0,285
CHR11	8829798	CHR11:8829798	SSF x Far_LoA	-9,722	-0,155	0,268

CHR11	8833330	CHR11:8833330	SSF x Far_LoA	-9,733	-0,021	0,296
CHR11	8833391	CHR11:8833391	SSF x Far_LoA	-9,294	0,127	0,294
CHR11	8833488	CHR11:8833488	SSF x Far_LoA	-8,002	-0,097	0,293
CHR11	8833492	CHR11:8833492	SSF x Far_LoA	-8,007	-0,030	0,291
CHR11	8833493	CHR11:8833493	SSF x Far_LoA	-9,424	-0,102	0,295
CHR11	8833532	CHR11:8833532	SSF x Far_LoA	-8,790	0,173	0,262
CHR11	8833548	CHR11:8833548	SSF x Far_LoA	-6,537	-0,041	0,306
CHR11	8833552	CHR11:8833552	SSF x Far_LoA	-7,915	-0,045	0,308
CHR11	8833571	CHR11:8833571	SSF x Far_LoA	-6,978	0,141	0,287
CHR11	8841778	CHR11:8841778	SSF x Far_LoA	-10,219	-0,043	0,280
CHR11	884203	CHR11:884203	SSF x Far_LoA	-10,918	0,033	0,272
CHR11	8842061	CHR11:8842061	SSF x Far_LoA	-4,454	-0,007	0,286
CHR11	8842069	CHR11:8842069	SSF x Far_LoA	-8,604	-0,039	0,309
CHR11	8842073	CHR11:8842073	SSF x Far_LoA	-9,210	0,040	0,292
CHR11	884465	CHR11:884465	SSF x Far_LoA	-8,157	-0,074	0,295
CHR11	8863882	CHR11:8863882	SSF x Far_LoA	-8,329	0,009	0,288
CHR11	8863996	CHR11:8863996	SSF x Far_LoA	-4,707	-0,146	0,272
CHR11	8885103	CHR11:8885103	SSF x Far_LoA	-10,124	0,000	0,278
CHR11	8885294	CHR11:8885294	SSF x Far_LoA	-9,603	0,027	0,288
CHR11	8885311	CHR11:8885311	SSF x Far_LoA	-11,463	-0,058	0,297
CHR11	8885339	CHR11:8885339	SSF x Far_LoA	-8,467	0,042	0,290
CHR11	8892351	CHR11:8892351	SSF x Far_LoA	-9,491	0,041	0,296
CHR11	8900762	CHR11:8900762	SSF x Far_LoA	-8,287	0,045	0,295
CHR11	8907030	CHR11:8907030	SSF x Far_LoA	-8,962	-0,029	0,297
CHR11	8907038	CHR11:8907038	SSF x Far_LoA	-9,129	-0,082	0,295
CHR11	8907156	CHR11:8907156	SSF x Far_LoA	-10,118	0,056	0,271
CHR11	8907182	CHR11:8907182	SSF x Far_LoA	-10,765	-0,081	0,288
CHR11	8907199	CHR11:8907199	SSF x Far_LoA	-8,582	-0,120	0,285
CHR11	8907212	CHR11:8907212	SSF x Far_LoA	-9,039	-0,051	0,291
CHR11	8907730	CHR11:8907730	SSF x Far_LoA	-9,613	0,024	0,282
CHR11	8907734	CHR11:8907734	SSF x Far_LoA	-7,660	0,049	0,288
CHR11	8912135	CHR11:8912135	SSF x Far_LoA	-11,150	-0,030	0,291
CHR11	8912437	CHR11:8912437	SSF x Far_LoA	-9,470	-0,062	0,277
CHR11	8912447	CHR11:8912447	SSF x Far_LoA	-9,456	0,045	0,289
CHR11	8920507	CHR11:8920507	SSF x Far_LoA	-7,091	-0,041	0,280
CHR11	8920588	CHR11:8920588	SSF x Far_LoA	-10,566	0,036	0,304
CHR11	8920595	CHR11:8920595	SSF x Far_LoA	8,171	0,125	0,281
CHR11	8920671	CHR11:8920671	SSF x Far_LoA	-11,026	0,042	0,296
CHR11	8934866	CHR11:8934866	SSF x Far_LoA	-10,191	0,023	0,300
CHR11	8942905	CHR11:8942905	SSF x Far_LoA	-10,265	-0,035	0,284
CHR11	8942916	CHR11:8942916	SSF x Far_LoA	-6,446	0,045	0,299
CHR11	8942946	CHR11:8942946	SSF x Far_LoA	-6,839	-0,018	0,292
CHR11	8942961	CHR11:8942961	SSF x Far_LoA	-8,242	-0,005	0,293
CHR11	894464	CHR11:894464	SSF x Far_LoA	-7,641	0,084	0,288
CHR11	8944923	CHR11:8944923	SSF x Far_LoA	-9,021	0,004	0,275
CHR11	894498	CHR11:894498	SSF x Far_LoA	-6,773	-0,073	0,296
CHR11	894499	CHR11:894499	SSF x Far_LoA	-6,842	-0,064	0,285
CHR11	894500	CHR11:894500	SSF x Far_LoA	-8,899	-0,081	0,292
CHR11	8945004	CHR11:8945004	SSF x Far_LoA	-6,740	0,137	0,286
CHR11	8945123	CHR11:8945123	SSF x Far_LoA	-9,578	-0,072	0,288
CHR11	8945216	CHR11:8945216	SSF x Far_LoA	-10,141	-0,095	0,304
CHR11	8966553	CHR11:8966553	SSF x Far_LoA	-9,058	-0,044	0,296
CHR11	8966576	CHR11:8966576	SSF x Far_LoA	-9,312	-0,046	0,284

CHR11	8966596	CHR11:8966596	SSF x Far_LoA	-6,633	0,105	0,293
CHR11	8966622	CHR11:8966622	SSF x Far_LoA	-8,033	0,045	0,313
CHR11	8975903	CHR11:8975903	SSF x Far_LoA	-10,823	-0,016	0,305
CHR11	8975936	CHR11:8975936	SSF x Far_LoA	-8,997	-0,041	0,303
CHR11	8975963	CHR11:8975963	SSF x Far_LoA	-11,590	-0,025	0,288
CHR11	8975979	CHR11:8975979	SSF x Far_LoA	-9,848	0,028	0,296
CHR11	8975991	CHR11:8975991	SSF x Far_LoA	-9,963	0,001	0,287
CHR11	9016861	CHR11:9016861	SSF x Far_LoA	-9,649	0,052	0,291
CHR11	9016946	CHR11:9016946	SSF x Far_LoA	-10,457	0,023	0,286
CHR11	9017761	CHR11:9017761	SSF x Far_LoA	-7,900	0,088	0,281
CHR11	9040378	CHR11:9040378	SSF x Far_LoA	-4,003	-0,044	0,299
CHR11	9040501	CHR11:9040501	SSF x Far_LoA	-9,216	0,077	0,293
CHR11	9040619	CHR11:9040619	SSF x Far_LoA	-9,104	-0,037	0,302
CHR11	9040629	CHR11:9040629	SSF x Far_LoA	-7,809	-0,045	0,295
CHR11	9040664	CHR11:9040664	SSF x Far_LoA	-9,380	0,018	0,294
CHR11	9040698	CHR11:9040698	SSF x Far_LoA	-9,521	0,114	0,289
CHR11	9040744	CHR11:9040744	SSF x Far_LoA	-8,871	0,085	0,290
CHR11	9052445	CHR11:9052445	SSF x Far_LoA	-8,703	0,107	0,290
CHR11	9063688	CHR11:9063688	SSF x Far_LoA	-7,940	-0,061	0,298
CHR11	9063772	CHR11:9063772	SSF x Far_LoA	-10,302	0,054	0,296
CHR11	9063778	CHR11:9063778	SSF x Far_LoA	-10,676	-0,075	0,303
CHR11	9063897	CHR11:9063897	SSF x Far_LoA	-10,348	0,034	0,288
CHR11	9064330	CHR11:9064330	SSF x Far_LoA	-9,954	-0,048	0,311
CHR11	9064377	CHR11:9064377	SSF x Far_LoA	-11,051	0,098	0,284
CHR11	9064385	CHR11:9064385	SSF x Far_LoA	-10,056	-0,015	0,300
CHR11	910132	CHR11:910132	SSF x Far_LoA	-8,553	-0,001	0,309
CHR11	910195	CHR11:910195	SSF x Far_LoA	-8,866	-0,113	0,296
CHR11	9104228	CHR11:9104228	SSF x Far_LoA	-10,081	-0,086	0,289
CHR11	9107550	CHR11:9107550	SSF x Far_LoA	-10,090	0,042	0,291
CHR11	9111905	CHR11:9111905	SSF x Far_LoA	-9,197	0,025	0,286
CHR11	9111974	CHR11:9111974	SSF x Far_LoA	-8,641	-0,099	0,306
CHR11	9111989	CHR11:9111989	SSF x Far_LoA	-8,624	-0,130	0,280
CHR11	9112030	CHR11:9112030	SSF x Far_LoA	-8,179	-0,089	0,295
CHR11	9112058	CHR11:9112058	SSF x Far_LoA	-6,246	0,019	0,305
CHR11	9112127	CHR11:9112127	SSF x Far_LoA	-9,318	-0,094	0,290
CHR11	9112168	CHR11:9112168	SSF x Far_LoA	-8,398	-0,013	0,295
CHR11	9116771	CHR11:9116771	SSF x Far_LoA	-8,625	-0,066	0,291
CHR11	9116871	CHR11:9116871	SSF x Far_LoA	-5,617	0,088	0,281
CHR11	9116878	CHR11:9116878	SSF x Far_LoA	-9,182	-0,068	0,292
CHR11	9119035	CHR11:9119035	SSF x Far_LoA	-9,282	-0,009	0,303
CHR11	9119163	CHR11:9119163	SSF x Far_LoA	-9,811	-0,127	0,290
CHR11	9119196	CHR11:9119196	SSF x Far_LoA	-9,342	-0,116	0,282
CHR11	9119269	CHR11:9119269	SSF x Far_LoA	-10,180	0,078	0,305
CHR11	9176801	CHR11:9176801	SSF x Far_LoA	-10,680	0,066	0,299
CHR11	9176861	CHR11:9176861	SSF x Far_LoA	-5,902	-0,194	0,281
CHR11	9184893	CHR11:9184893	SSF x Far_LoA	-9,885	-0,026	0,290
CHR11	9195714	CHR11:9195714	SSF x Far_LoA	-11,002	0,062	0,293
CHR11	9206764	CHR11:9206764	SSF x Far_LoA	-9,237	-0,131	0,298
CHR11	9206933	CHR11:9206933	SSF x Far_LoA	-10,486	0,026	0,290
CHR11	9210528	CHR11:9210528	SSF x Far_LoA	-10,916	0,028	0,290
CHR11	9237896	CHR11:9237896	SSF x Far_LoA	-11,532	0,026	0,291
CHR11	9238196	CHR11:9238196	SSF x Far_LoA	-8,690	0,041	0,299
CHR11	9249398	CHR11:9249398	SSF x Far_LoA	-8,869	-0,051	0,285

CHR11	926664	CHR11:926664	SSF x Far_LoA	-8,354	0,083	0,295
CHR11	926694	CHR11:926694	SSF x Far_LoA	-9,767	0,028	0,284
CHR11	9267774	CHR11:9267774	SSF x Far_LoA	-9,858	-0,140	0,302
CHR11	926797	CHR11:926797	SSF x Far_LoA	-10,507	-0,011	0,291
CHR11	926801	CHR11:926801	SSF x Far_LoA	-9,757	-0,059	0,276
CHR11	926871	CHR11:926871	SSF x Far_LoA	-10,120	0,039	0,270
CHR11	9269839	CHR11:9269839	SSF x Far_LoA	-9,219	0,040	0,286
CHR11	9295093	CHR11:9295093	SSF x Far_LoA	0,561	0,101	0,297
CHR11	9301140	CHR11:9301140	SSF x Far_LoA	-10,901	-0,022	0,289
CHR11	930386	CHR11:930386	SSF x Far_LoA	-8,060	-0,072	0,278
CHR11	930397	CHR11:930397	SSF x Far_LoA	-7,242	0,125	0,276
CHR11	930423	CHR11:930423	SSF x Far_LoA	-9,991	-0,012	0,279
CHR11	930559	CHR11:930559	SSF x Far_LoA	-7,844	0,183	0,283
CHR11	935849	CHR11:935849	SSF x Far_LoA	-7,439	0,126	0,280
CHR11	935865	CHR11:935865	SSF x Far_LoA	-10,205	-0,103	0,275
CHR11	935871	CHR11:935871	SSF x Far_LoA	-9,822	-0,087	0,281
CHR11	9360137	CHR11:9360137	SSF x Far_LoA	-9,390	-0,026	0,300
CHR11	9360183	CHR11:9360183	SSF x Far_LoA	-9,078	-0,044	0,294
CHR11	936019	CHR11:936019	SSF x Far_LoA	-7,497	-0,152	0,293
CHR11	9360204	CHR11:9360204	SSF x Far_LoA	-9,183	-0,085	0,288
CHR11	9360221	CHR11:9360221	SSF x Far_LoA	-9,979	0,079	0,301
CHR11	9360226	CHR11:9360226	SSF x Far_LoA	-7,892	-0,021	0,306
CHR11	936029	CHR11:936029	SSF x Far_LoA	-8,772	0,012	0,287
CHR11	936038	CHR11:936038	SSF x Far_LoA	-1,534	-0,124	0,292
CHR11	936046	CHR11:936046	SSF x Far_LoA	-2,527	-0,255	0,282
CHR11	936117	CHR11:936117	SSF x Far_LoA	-5,857	0,150	0,289
CHR11	9361219	CHR11:9361219	SSF x Far_LoA	-8,852	0,076	0,283
CHR11	9361238	CHR11:9361238	SSF x Far_LoA	-9,467	0,091	0,283
CHR11	9361399	CHR11:9361399	SSF x Far_LoA	-7,604	0,032	0,288
CHR11	9371604	CHR11:9371604	SSF x Far_LoA	-7,865	-0,110	0,278
CHR11	9371778	CHR11:9371778	SSF x Far_LoA	-11,767	0,026	0,289
CHR11	9377235	CHR11:9377235	SSF x Far_LoA	-9,795	0,015	0,300
CHR11	9380224	CHR11:9380224	SSF x Far_LoA	-10,484	-0,016	0,302
CHR11	9380276	CHR11:9380276	SSF x Far_LoA	-8,917	-0,051	0,290
CHR11	9380364	CHR11:9380364	SSF x Far_LoA	-9,565	0,036	0,296
CHR11	9386401	CHR11:9386401	SSF x Far_LoA	-10,196	0,125	0,288
CHR11	9386589	CHR11:9386589	SSF x Far_LoA	-10,207	0,013	0,288
CHR11	9386594	CHR11:9386594	SSF x Far_LoA	-6,285	0,021	0,293
CHR11	9401611	CHR11:9401611	SSF x Far_LoA	-7,575	-0,065	0,305
CHR11	9401612	CHR11:9401612	SSF x Far_LoA	-10,864	-0,063	0,304
CHR11	9401672	CHR11:9401672	SSF x Far_LoA	-11,971	0,032	0,298
CHR11	9426276	CHR11:9426276	SSF x Far_LoA	-9,700	0,175	0,290
CHR11	9426354	CHR11:9426354	SSF x Far_LoA	-10,299	0,098	0,285
CHR11	9451823	CHR11:9451823	SSF x Far_LoA	-10,372	-0,016	0,289
CHR11	9456291	CHR11:9456291	SSF x Far_LoA	-9,838	-0,104	0,310
CHR11	9456528	CHR11:9456528	SSF x Far_LoA	-8,547	-0,086	0,299
CHR11	9456630	CHR11:9456630	SSF x Far_LoA	-9,069	-0,080	0,294
CHR11	9478908	CHR11:9478908	SSF x Far_LoA	-8,675	0,071	0,302
CHR11	951177	CHR11:951177	SSF x Far_LoA	-9,734	0,032	0,296
CHR11	951672	CHR11:951672	SSF x Far_LoA	-7,720	0,046	0,294
CHR11	9531264	CHR11:9531264	SSF x Far_LoA	-8,975	0,006	0,291
CHR11	9531310	CHR11:9531310	SSF x Far_LoA	-8,931	0,012	0,287
CHR11	9537944	CHR11:9537944	SSF x Far_LoA	-12,355	0,005	0,297

CHR11	9547243	CHR11:9547243	SSF x Far_LoA	-11,278	0,049	0,284
CHR11	9547320	CHR11:9547320	SSF x Far_LoA	-8,769	-0,017	0,300
CHR11	9547386	CHR11:9547386	SSF x Far_LoA	-10,242	-0,069	0,275
CHR11	9573090	CHR11:9573090	SSF x Far_LoA	-6,592	0,202	0,280
CHR11	9573196	CHR11:9573196	SSF x Far_LoA	-10,365	0,088	0,285
CHR11	9573220	CHR11:9573220	SSF x Far_LoA	-10,637	0,001	0,304
CHR11	9573243	CHR11:9573243	SSF x Far_LoA	-9,067	-0,017	0,307
CHR11	960051	CHR11:960051	SSF x Far_LoA	-9,489	0,012	0,261
CHR11	960233	CHR11:960233	SSF x Far_LoA	-7,184	-0,081	0,304
CHR11	9617421	CHR11:9617421	SSF x Far_LoA	-10,598	-0,101	0,281
CHR11	9634367	CHR11:9634367	SSF x Far_LoA	-9,109	-0,031	0,295
CHR11	9634387	CHR11:9634387	SSF x Far_LoA	-9,531	-0,085	0,285
CHR11	9634396	CHR11:9634396	SSF x Far_LoA	-9,114	-0,086	0,295
CHR11	9640924	CHR11:9640924	SSF x Far_LoA	-12,398	0,022	0,278
CHR11	9641077	CHR11:9641077	SSF x Far_LoA	-9,209	-0,054	0,288
CHR11	9641108	CHR11:9641108	SSF x Far_LoA	-9,786	0,051	0,283
CHR11	9641185	CHR11:9641185	SSF x Far_LoA	-8,494	0,003	0,294
CHR11	964282	CHR11:964282	SSF x Far_LoA	-9,892	0,046	0,271
CHR11	964300	CHR11:964300	SSF x Far_LoA	-7,792	-0,098	0,286
CHR11	964349	CHR11:964349	SSF x Far_LoA	-8,693	0,007	0,273
CHR11	964351	CHR11:964351	SSF x Far_LoA	-7,660	0,029	0,282
CHR11	9645891	CHR11:9645891	SSF x Far_LoA	-7,694	-0,080	0,299
CHR11	9646285	CHR11:9646285	SSF x Far_LoA	-8,747	0,002	0,264
CHR11	9646305	CHR11:9646305	SSF x Far_LoA	-9,479	0,000	0,311
CHR11	9650416	CHR11:9650416	SSF x Far_LoA	-10,287	-0,005	0,300
CHR11	9650461	CHR11:9650461	SSF x Far_LoA	-8,495	-0,006	0,297
CHR11	9650471	CHR11:9650471	SSF x Far_LoA	-9,076	0,005	0,307
CHR11	9650475	CHR11:9650475	SSF x Far_LoA	-9,422	-0,014	0,305
CHR11	9650525	CHR11:9650525	SSF x Far_LoA	-9,026	0,010	0,290
CHR11	9650608	CHR11:9650608	SSF x Far_LoA	-6,706	-0,101	0,307
CHR11	9652067	CHR11:9652067	SSF x Far_LoA	-8,951	0,102	0,286
CHR11	9652177	CHR11:9652177	SSF x Far_LoA	-7,976	-0,013	0,290
CHR11	9656076	CHR11:9656076	SSF x Far_LoA	-10,900	-0,091	0,288
CHR11	9656130	CHR11:9656130	SSF x Far_LoA	-11,245	-0,030	0,295
CHR11	9656326	CHR11:9656326	SSF x Far_LoA	-9,965	-0,046	0,290
CHR11	9661372	CHR11:9661372	SSF x Far_LoA	-12,810	0,017	0,285
CHR11	9661427	CHR11:9661427	SSF x Far_LoA	-8,799	0,061	0,278
CHR11	9676992	CHR11:9676992	SSF x Far_LoA	-6,711	0,038	0,296
CHR11	9677028	CHR11:9677028	SSF x Far_LoA	-9,793	-0,004	0,297
CHR11	9677048	CHR11:9677048	SSF x Far_LoA	-11,142	0,003	0,282
CHR11	9677966	CHR11:9677966	SSF x Far_LoA	-9,982	0,098	0,278
CHR11	9677993	CHR11:9677993	SSF x Far_LoA	-2,716	-0,152	0,282
CHR11	9678012	CHR11:9678012	SSF x Far_LoA	-9,005	0,035	0,294
CHR11	9678133	CHR11:9678133	SSF x Far_LoA	-7,471	-0,103	0,285
CHR11	9679851	CHR11:9679851	SSF x Far_LoA	-6,696	-0,170	0,283
CHR11	9680074	CHR11:9680074	SSF x Far_LoA	-11,475	0,030	0,280
CHR11	9680165	CHR11:9680165	SSF x Far_LoA	-8,691	-0,020	0,290
CHR11	9680179	CHR11:9680179	SSF x Far_LoA	-11,005	-0,017	0,288
CHR11	9680193	CHR11:9680193	SSF x Far_LoA	-6,380	0,108	0,304
CHR11	9695190	CHR11:9695190	SSF x Far_LoA	-10,799	-0,081	0,283
CHR11	9695239	CHR11:9695239	SSF x Far_LoA	-9,703	0,149	0,282
CHR11	9695241	CHR11:9695241	SSF x Far_LoA	-10,577	-0,077	0,282
CHR11	9695247	CHR11:9695247	SSF x Far_LoA	-7,392	0,078	0,292

CHR11	9696954	CHR11:9696954	SSF x Far_LoA	-10,351	0,057	0,304
CHR11	9697124	CHR11:9697124	SSF x Far_LoA	-10,102	-0,068	0,310
CHR11	9699458	CHR11:9699458	SSF x Far_LoA	-9,282	0,019	0,288
CHR11	970388	CHR11:970388	SSF x Far_LoA	-9,443	-0,037	0,298
CHR11	970416	CHR11:970416	SSF x Far_LoA	-8,356	-0,029	0,307
CHR11	970435	CHR11:970435	SSF x Far_LoA	-7,634	-0,041	0,293
CHR11	970448	CHR11:970448	SSF x Far_LoA	-10,353	0,097	0,282
CHR11	970455	CHR11:970455	SSF x Far_LoA	-10,505	-0,102	0,293
CHR11	970460	CHR11:970460	SSF x Far_LoA	-6,267	0,026	0,294
CHR11	9707532	CHR11:9707532	SSF x Far_LoA	-11,072	0,013	0,285
CHR11	9707545	CHR11:9707545	SSF x Far_LoA	-10,033	-0,021	0,316
CHR11	9707549	CHR11:9707549	SSF x Far_LoA	-10,861	-0,047	0,297
CHR11	9714437	CHR11:9714437	SSF x Far_LoA	-9,812	-0,093	0,282
CHR11	9715036	CHR11:9715036	SSF x Far_LoA	-11,217	-0,089	0,291
CHR11	9715121	CHR11:9715121	SSF x Far_LoA	-7,879	0,036	0,309
CHR11	9718807	CHR11:9718807	SSF x Far_LoA	-7,422	-0,107	0,293
CHR11	9719163	CHR11:9719163	SSF x Far_LoA	-8,523	-0,114	0,293
CHR11	9719230	CHR11:9719230	SSF x Far_LoA	-9,003	0,067	0,294
CHR11	9733107	CHR11:9733107	SSF x Far_LoA	-7,747	0,035	0,289
CHR11	9735675	CHR11:9735675	SSF x Far_LoA	-5,109	-0,160	0,285
CHR11	9735709	CHR11:9735709	SSF x Far_LoA	-9,113	0,132	0,280
CHR11	9746263	CHR11:9746263	SSF x Far_LoA	-6,215	0,045	0,294
CHR11	9749073	CHR11:9749073	SSF x Far_LoA	-12,417	-0,048	0,273
CHR11	974919	CHR11:974919	SSF x Far_LoA	-9,957	0,011	0,285
CHR11	9749207	CHR11:9749207	SSF x Far_LoA	-8,380	0,116	0,286
CHR11	9749286	CHR11:9749286	SSF x Far_LoA	-11,118	0,025	0,283
CHR11	9749418	CHR11:9749418	SSF x Far_LoA	-10,293	-0,014	0,292
CHR11	974945	CHR11:974945	SSF x Far_LoA	-5,810	-0,162	0,286
CHR11	975126	CHR11:975126	SSF x Far_LoA	-5,343	-0,036	0,293
CHR11	975170	CHR11:975170	SSF x Far_LoA	-6,527	-0,096	0,277
CHR11	9762499	CHR11:9762499	SSF x Far_LoA	-3,411	0,221	0,299
CHR11	9762524	CHR11:9762524	SSF x Far_LoA	-9,987	0,031	0,285
CHR11	9765397	CHR11:9765397	SSF x Far_LoA	-8,264	0,106	0,296
CHR11	9765398	CHR11:9765398	SSF x Far_LoA	-2,772	-0,005	0,296
CHR11	9765409	CHR11:9765409	SSF x Far_LoA	-8,895	0,005	0,298
CHR11	9765439	CHR11:9765439	SSF x Far_LoA	-8,624	0,095	0,298
CHR11	9765497	CHR11:9765497	SSF x Far_LoA	-5,555	-0,070	0,300
CHR11	9783660	CHR11:9783660	SSF x Far_LoA	-10,353	-0,016	0,297
CHR11	9783665	CHR11:9783665	SSF x Far_LoA	-7,112	0,154	0,273
CHR11	9783676	CHR11:9783676	SSF x Far_LoA	-8,422	0,141	0,283
CHR11	9783796	CHR11:9783796	SSF x Far_LoA	-8,594	-0,025	0,288
CHR11	9783799	CHR11:9783799	SSF x Far_LoA	-8,715	-0,013	0,291
CHR11	9792093	CHR11:9792093	SSF x Far_LoA	-10,694	0,033	0,301
CHR11	9792203	CHR11:9792203	SSF x Far_LoA	-8,895	-0,062	0,286
CHR11	9792277	CHR11:9792277	SSF x Far_LoA	-10,283	0,049	0,282
CHR11	9792298	CHR11:9792298	SSF x Far_LoA	-11,250	0,061	0,285
CHR11	9792310	CHR11:9792310	SSF x Far_LoA	-8,889	-0,020	0,289
CHR11	9792339	CHR11:9792339	SSF x Far_LoA	-9,739	0,035	0,308
CHR11	9798270	CHR11:9798270	SSF x Far_LoA	-10,192	-0,070	0,299
CHR11	9798328	CHR11:9798328	SSF x Far_LoA	-8,481	0,165	0,267
CHR11	980413	CHR11:980413	SSF x Far_LoA	-9,292	0,119	0,278
CHR11	980459	CHR11:980459	SSF x Far_LoA	-9,539	-0,006	0,280
CHR11	980471	CHR11:980471	SSF x Far_LoA	-11,478	-0,053	0,281

CHR11	980833	CHR11:980833	SSF x Far_LoA	-12,045	-0,023	0,296
CHR11	980862	CHR11:980862	SSF x Far_LoA	-8,150	-0,027	0,294
CHR11	980868	CHR11:980868	SSF x Far_LoA	-11,043	-0,105	0,290
CHR11	980887	CHR11:980887	SSF x Far_LoA	-7,353	-0,035	0,299
CHR11	980940	CHR11:980940	SSF x Far_LoA	-8,853	-0,028	0,294
CHR11	9815427	CHR11:9815427	SSF x Far_LoA	-6,418	0,114	0,289
CHR11	9815634	CHR11:9815634	SSF x Far_LoA	-9,718	0,073	0,286
CHR11	9818580	CHR11:9818580	SSF x Far_LoA	-11,498	0,116	0,270
CHR11	9818698	CHR11:9818698	SSF x Far_LoA	-9,656	-0,022	0,287
CHR11	9839399	CHR11:9839399	SSF x Far_LoA	-7,183	-0,125	0,281
CHR11	9839429	CHR11:9839429	SSF x Far_LoA	-8,658	0,035	0,289
CHR11	9843325	CHR11:9843325	SSF x Far_LoA	-6,811	-0,175	0,277
CHR11	9851836	CHR11:9851836	SSF x Far_LoA	-9,081	-0,063	0,302
CHR11	9851863	CHR11:9851863	SSF x Far_LoA	-10,332	0,043	0,288
CHR11	9851905	CHR11:9851905	SSF x Far_LoA	-9,426	-0,041	0,287
CHR11	9851920	CHR11:9851920	SSF x Far_LoA	-9,099	-0,062	0,282
CHR11	9879950	CHR11:9879950	SSF x Far_LoA	-11,055	0,082	0,285
CHR11	988361	CHR11:988361	SSF x Far_LoA	-6,194	-0,062	0,294
CHR11	988377	CHR11:988377	SSF x Far_LoA	-9,092	-0,020	0,295
CHR11	988408	CHR11:988408	SSF x Far_LoA	-10,029	-0,107	0,279
CHR11	988412	CHR11:988412	SSF x Far_LoA	-9,200	-0,036	0,308
CHR11	988640	CHR11:988640	SSF x Far_LoA	-8,387	-0,094	0,289
CHR11	988644	CHR11:988644	SSF x Far_LoA	-6,656	-0,133	0,294
CHR11	988720	CHR11:988720	SSF x Far_LoA	-10,505	0,013	0,302
CHR11	9937070	CHR11:9937070	SSF x Far_LoA	-7,644	0,165	0,282
CHR11	9937095	CHR11:9937095	SSF x Far_LoA	-11,295	-0,039	0,286
CHR11	9937101	CHR11:9937101	SSF x Far_LoA	-7,987	0,019	0,294
CHR11	9937104	CHR11:9937104	SSF x Far_LoA	-8,068	0,131	0,283
CHR11	9937126	CHR11:9937126	SSF x Far_LoA	-7,908	-0,152	0,285
CHR11	9937131	CHR11:9937131	SSF x Far_LoA	-6,685	0,120	0,302
CHR11	9937158	CHR11:9937158	SSF x Far_LoA	-7,543	-0,145	0,291
CHR11	9986289	CHR11:9986289	SSF x Far_LoA	-8,191	0,150	0,291
CHR12	1E+07	CHR12:1001414	SSF x Far_LoA	-8,484	0,128	0,271
CHR12	1E+07	CHR12:1001422	SSF x Far_LoA	-9,611	0,147	0,280
CHR12	1E+07	CHR12:1001426	SSF x Far_LoA	-8,214	0,076	0,290
CHR12	1E+07	CHR12:1001448	SSF x Far_LoA	-8,492	0,022	0,308
CHR12	1E+07	CHR12:1002151	SSF x Far_LoA	-7,975	0,046	0,308
CHR12	1E+07	CHR12:1002170	SSF x Far_LoA	-11,975	-0,008	0,281
CHR12	1E+07	CHR12:1002173	SSF x Far_LoA	-9,529	0,041	0,294
CHR12	1E+07	CHR12:1005000	SSF x Far_LoA	-9,739	-0,129	0,287
CHR12	1E+07	CHR12:1005008	SSF x Far_LoA	-8,378	0,082	0,303
CHR12	1E+07	CHR12:1005600	SSF x Far_LoA	-9,381	-0,017	0,290
CHR12	1E+07	CHR12:1005611	SSF x Far_LoA	-11,278	-0,003	0,299
CHR12	1E+07	CHR12:1005613	SSF x Far_LoA	-6,019	0,090	0,295
CHR12	1E+07	CHR12:1005616	SSF x Far_LoA	-8,531	0,091	0,294
CHR12	1E+07	CHR12:1006652	SSF x Far_LoA	-7,832	0,029	0,280
CHR12	1E+07	CHR12:1006808	SSF x Far_LoA	-10,780	-0,041	0,285
CHR12	1E+07	CHR12:1007041	SSF x Far_LoA	-9,795	-0,143	0,291
CHR12	1E+07	CHR12:1007044	SSF x Far_LoA	-10,639	0,051	0,284
CHR12	1E+07	CHR12:1007234	SSF x Far_LoA	-8,236	-0,057	0,286
CHR12	1E+07	CHR12:1008164	SSF x Far_LoA	-10,937	-0,005	0,306
CHR12	1E+07	CHR12:1008825	SSF x Far_LoA	-8,264	-0,126	0,301
CHR12	1E+07	CHR12:1009310	SSF x Far_LoA	-9,253	-0,010	0,288

CHR12	1E+07	CHR12:1010392C	SSF x Far_LoA	-9,780	-0,001	0,300
CHR12	1E+07	CHR12:1010400S	SSF x Far_LoA	-1,621	-0,185	0,275
CHR12	1E+07	CHR12:1010406Z	SSF x Far_LoA	-9,736	-0,018	0,299
CHR12	1E+07	CHR12:1014678C	SSF x Far_LoA	-8,565	-0,102	0,288
CHR12	1018381	CHR12:1018381	SSF x Far_LoA	-12,429	0,005	0,279
CHR12	1E+07	CHR12:1018502T	SSF x Far_LoA	-8,068	-0,040	0,302
CHR12	1E+07	CHR12:1018518C	SSF x Far_LoA	-8,846	-0,025	0,284
CHR12	1E+07	CHR12:1018520G	SSF x Far_LoA	-7,700	0,152	0,284
CHR12	1E+07	CHR12:1018522T	SSF x Far_LoA	-7,321	0,067	0,293
CHR12	1E+07	CHR12:1018529T	SSF x Far_LoA	-11,402	0,084	0,286
CHR12	1E+07	CHR12:1018626S	SSF x Far_LoA	-9,896	0,058	0,289
CHR12	1E+07	CHR12:1018628T	SSF x Far_LoA	-10,396	-0,022	0,276
CHR12	1E+07	CHR12:1018638T	SSF x Far_LoA	-10,982	0,108	0,287
CHR12	1E+07	CHR12:1018644Z	SSF x Far_LoA	-11,169	-0,072	0,291
CHR12	1E+07	CHR12:1020729T	SSF x Far_LoA	-11,017	-0,131	0,288
CHR12	1E+07	CHR12:1020730T	SSF x Far_LoA	-10,424	-0,129	0,282
CHR12	1E+07	CHR12:1020734C	SSF x Far_LoA	-8,104	-0,050	0,307
CHR12	1E+07	CHR12:1020739S	SSF x Far_LoA	-8,851	0,074	0,295
CHR12	1E+07	CHR12:1020746S	SSF x Far_LoA	-8,821	-0,096	0,289
CHR12	1E+07	CHR12:1022814G	SSF x Far_LoA	-11,567	0,019	0,264
CHR12	1E+07	CHR12:1023329C	SSF x Far_LoA	-9,143	-0,009	0,293
CHR12	1E+07	CHR12:1023343T	SSF x Far_LoA	-11,835	0,053	0,299
CHR12	1E+07	CHR12:1023358G	SSF x Far_LoA	-8,925	-0,098	0,294
CHR12	1E+07	CHR12:1024529T	SSF x Far_LoA	-7,200	-0,017	0,293
CHR12	1E+07	CHR12:1024538G	SSF x Far_LoA	-10,344	-0,061	0,275
CHR12	1E+07	CHR12:1024541C	SSF x Far_LoA	-11,220	-0,058	0,291
CHR12	1E+07	CHR12:1024547T	SSF x Far_LoA	-7,172	0,151	0,268
CHR12	1E+07	CHR12:1024547C	SSF x Far_LoA	-9,216	-0,043	0,292
CHR12	1E+07	CHR12:1024547G	SSF x Far_LoA	-8,931	-0,033	0,291
CHR12	1E+07	CHR12:1024554S	SSF x Far_LoA	-11,273	0,052	0,288
CHR12	1E+07	CHR12:1024557Z	SSF x Far_LoA	-10,809	-0,067	0,282
CHR12	1E+07	CHR12:1024559G	SSF x Far_LoA	-10,184	0,105	0,286
CHR12	1E+07	CHR12:1024562T	SSF x Far_LoA	-10,174	0,129	0,286
CHR12	1E+07	CHR12:1027655T	SSF x Far_LoA	-11,090	0,032	0,296
CHR12	1E+07	CHR12:1028902S	SSF x Far_LoA	-11,044	-0,035	0,294
CHR12	1E+07	CHR12:1028907C	SSF x Far_LoA	-9,537	0,049	0,294
CHR12	1E+07	CHR12:1028907G	SSF x Far_LoA	-8,720	0,005	0,300
CHR12	1E+07	CHR12:1028908Z	SSF x Far_LoA	-7,368	-0,089	0,282
CHR12	1E+07	CHR12:1028922G	SSF x Far_LoA	-8,506	0,096	0,292
CHR12	1E+07	CHR12:1029378Z	SSF x Far_LoA	-9,302	0,091	0,292
CHR12	1E+07	CHR12:1029730T	SSF x Far_LoA	-11,945	-0,028	0,294
CHR12	1E+07	CHR12:1029739G	SSF x Far_LoA	-10,177	0,058	0,289
CHR12	1E+07	CHR12:1033607C	SSF x Far_LoA	-9,341	0,034	0,296
CHR12	1E+07	CHR12:1033612Z	SSF x Far_LoA	-9,517	-0,057	0,285
CHR12	1E+07	CHR12:1033612S	SSF x Far_LoA	-11,242	-0,078	0,276
CHR12	1E+07	CHR12:1033768G	SSF x Far_LoA	-7,640	0,063	0,299
CHR12	1E+07	CHR12:1033770S	SSF x Far_LoA	-9,893	-0,078	0,288
CHR12	1E+07	CHR12:1033790Z	SSF x Far_LoA	-10,681	-0,042	0,301
CHR12	1E+07	CHR12:1033790S	SSF x Far_LoA	-8,676	0,130	0,298
CHR12	1E+07	CHR12:1033798T	SSF x Far_LoA	-11,222	-0,025	0,294
CHR12	1E+07	CHR12:1033798S	SSF x Far_LoA	-9,229	-0,009	0,298
CHR12	1E+07	CHR12:1034553G	SSF x Far_LoA	-8,141	0,163	0,296
CHR12	1E+07	CHR12:1034559C	SSF x Far_LoA	-11,332	0,070	0,292

CHR12	1E+07	CHR12:10354221	SSF x Far_LoA	-10,406	0,059	0,288
CHR12	1E+07	CHR12:10354323	SSF x Far_LoA	-11,035	0,013	0,276
CHR12	1E+07	CHR12:10354375	SSF x Far_LoA	-8,502	-0,102	0,286
CHR12	1E+07	CHR12:10354386	SSF x Far_LoA	-7,962	-0,092	0,277
CHR12	1E+07	CHR12:10362960	SSF x Far_LoA	-10,915	0,009	0,291
CHR12	1E+07	CHR12:10363030	SSF x Far_LoA	-10,990	-0,108	0,278
CHR12	1E+07	CHR12:10363073	SSF x Far_LoA	-12,024	0,043	0,288
CHR12	1E+07	CHR12:10363110	SSF x Far_LoA	-7,375	-0,082	0,313
CHR12	1E+07	CHR12:10377928	SSF x Far_LoA	-9,106	-0,013	0,288
CHR12	1E+07	CHR12:10382395	SSF x Far_LoA	-8,978	0,008	0,293
CHR12	1E+07	CHR12:10382562	SSF x Far_LoA	-10,256	0,058	0,299
CHR12	1E+07	CHR12:10382571	SSF x Far_LoA	-12,504	0,025	0,291
CHR12	1E+07	CHR12:10382574	SSF x Far_LoA	-7,973	0,131	0,295
CHR12	1E+07	CHR12:10407598	SSF x Far_LoA	-9,753	0,033	0,295
CHR12	1E+07	CHR12:10407731	SSF x Far_LoA	-10,837	-0,062	0,295
CHR12	1E+07	CHR12:10407796	SSF x Far_LoA	-10,354	-0,032	0,296
CHR12	1E+07	CHR12:10410897	SSF x Far_LoA	-9,912	0,001	0,283
CHR12	1E+07	CHR12:10410955	SSF x Far_LoA	-8,897	0,037	0,285
CHR12	1E+07	CHR12:10410978	SSF x Far_LoA	-10,087	0,017	0,303
CHR12	1E+07	CHR12:10432507	SSF x Far_LoA	-9,989	-0,109	0,284
CHR12	1E+07	CHR12:10438264	SSF x Far_LoA	-5,563	-0,015	0,293
CHR12	1E+07	CHR12:10465107	SSF x Far_LoA	-3,380	0,039	0,295
CHR12	1E+07	CHR12:10465114	SSF x Far_LoA	-7,898	0,142	0,296
CHR12	1E+07	CHR12:10485217	SSF x Far_LoA	-8,441	-0,119	0,285
CHR12	1048929	CHR12:1048929	SSF x Far_LoA	-11,730	-0,075	0,285
CHR12	1048936	CHR12:1048936	SSF x Far_LoA	-3,088	-0,044	0,304
CHR12	1048982	CHR12:1048982	SSF x Far_LoA	-7,042	0,061	0,288
CHR12	1049054	CHR12:1049054	SSF x Far_LoA	-7,276	0,023	0,296
CHR12	1E+07	CHR12:10491613	SSF x Far_LoA	-10,399	-0,081	0,287
CHR12	1E+07	CHR12:10491704	SSF x Far_LoA	-7,218	-0,060	0,301
CHR12	1E+07	CHR12:10491719	SSF x Far_LoA	-8,805	-0,108	0,276
CHR12	1E+07	CHR12:10491847	SSF x Far_LoA	-9,259	-0,014	0,296
CHR12	10521660	CHR12:10521660	SSF x Far_LoA	-11,017	-0,074	0,281
CHR12	10521702	CHR12:10521702	SSF x Far_LoA	-10,416	0,015	0,299
CHR12	10521708	CHR12:10521708	SSF x Far_LoA	-9,208	-0,026	0,289
CHR12	10521715	CHR12:10521715	SSF x Far_LoA	-9,048	0,008	0,298
CHR12	10521718	CHR12:10521718	SSF x Far_LoA	-9,544	-0,040	0,300
CHR12	10521757	CHR12:10521757	SSF x Far_LoA	-10,695	0,084	0,284
CHR12	10521845	CHR12:10521845	SSF x Far_LoA	-10,400	-0,060	0,297
CHR12	10524804	CHR12:10524804	SSF x Far_LoA	-9,204	-0,047	0,290
CHR12	10524865	CHR12:10524865	SSF x Far_LoA	-10,178	-0,027	0,281
CHR12	10524876	CHR12:10524876	SSF x Far_LoA	-9,743	0,064	0,277
CHR12	10524882	CHR12:10524882	SSF x Far_LoA	-9,441	0,050	0,290
CHR12	10524889	CHR12:10524889	SSF x Far_LoA	-11,861	0,008	0,295
CHR12	10524984	CHR12:10524984	SSF x Far_LoA	-9,125	-0,047	0,292
CHR12	10542520	CHR12:10542520	SSF x Far_LoA	-8,910	0,158	0,287
CHR12	10565075	CHR12:10565075	SSF x Far_LoA	-10,424	0,059	0,298
CHR12	10565103	CHR12:10565103	SSF x Far_LoA	-8,037	0,038	0,310
CHR12	10565142	CHR12:10565142	SSF x Far_LoA	-9,365	0,070	0,285
CHR12	10567691	CHR12:10567691	SSF x Far_LoA	-10,400	-0,113	0,294
CHR12	10567701	CHR12:10567701	SSF x Far_LoA	-9,095	-0,137	0,277
CHR12	10567879	CHR12:10567879	SSF x Far_LoA	-10,859	-0,004	0,289
CHR12	10567985	CHR12:10567985	SSF x Far_LoA	-8,806	-0,085	0,292

CHR12	1058654	CHR12:1058654	SSF x Far_LoA	-7,583	0,148	0,285
CHR12	1058868	CHR12:1058868	SSF x Far_LoA	-9,190	-0,005	0,269
CHR12	1058931	CHR12:1058931	SSF x Far_LoA	-10,397	-0,066	0,289
CHR12	1060827	CHR12:1060827	SSF x Far_LoA	-10,395	0,008	0,295
CHR12	10609749	CHR12:1060974	SSF x Far_LoA	-9,849	-0,102	0,302
CHR12	10609893	CHR12:1060989	SSF x Far_LoA	-8,015	-0,074	0,299
CHR12	10614506	CHR12:1061450	SSF x Far_LoA	-9,800	-0,034	0,289
CHR12	10614523	CHR12:1061452	SSF x Far_LoA	-10,592	-0,102	0,297
CHR12	10617918	CHR12:1061791	SSF x Far_LoA	-3,494	-0,035	0,285
CHR12	10617919	CHR12:1061791	SSF x Far_LoA	-8,367	-0,051	0,298
CHR12	10622356	CHR12:1062235	SSF x Far_LoA	-9,844	0,128	0,287
CHR12	10622454	CHR12:1062245	SSF x Far_LoA	-8,628	0,071	0,294
CHR12	10622479	CHR12:1062247	SSF x Far_LoA	-10,378	0,028	0,307
CHR12	10622536	CHR12:1062253	SSF x Far_LoA	-8,232	-0,118	0,287
CHR12	10633598	CHR12:1063359	SSF x Far_LoA	-8,346	0,099	0,269
CHR12	10633618	CHR12:1063361	SSF x Far_LoA	-6,772	0,166	0,284
CHR12	10633703	CHR12:1063370	SSF x Far_LoA	-7,627	0,089	0,285
CHR12	10633862	CHR12:1063386	SSF x Far_LoA	-9,969	0,010	0,289
CHR12	10633890	CHR12:1063389	SSF x Far_LoA	-7,430	-0,111	0,306
CHR12	10633915	CHR12:1063391	SSF x Far_LoA	-9,483	0,044	0,287
CHR12	10636926	CHR12:1063692	SSF x Far_LoA	-10,356	-0,103	0,288
CHR12	10640153	CHR12:1064015	SSF x Far_LoA	-9,657	0,083	0,305
CHR12	10640567	CHR12:1064056	SSF x Far_LoA	-9,991	-0,007	0,288
CHR12	10643135	CHR12:1064313	SSF x Far_LoA	-10,775	0,030	0,307
CHR12	10654955	CHR12:1065495	SSF x Far_LoA	-10,151	0,008	0,278
CHR12	1066560	CHR12:1066560	SSF x Far_LoA	-7,146	0,030	0,281
CHR12	1066806	CHR12:1066806	SSF x Far_LoA	-9,282	0,070	0,288
CHR12	1066847	CHR12:1066847	SSF x Far_LoA	-7,277	-0,041	0,290
CHR12	10675123	CHR12:1067512	SSF x Far_LoA	-9,013	0,132	0,282
CHR12	10675183	CHR12:1067518	SSF x Far_LoA	-10,314	0,065	0,279
CHR12	10675228	CHR12:1067522	SSF x Far_LoA	-10,792	-0,040	0,299
CHR12	10675282	CHR12:1067528	SSF x Far_LoA	-11,080	-0,066	0,282
CHR12	10675333	CHR12:1067533	SSF x Far_LoA	-8,187	0,027	0,280
CHR12	10687881	CHR12:1068788	SSF x Far_LoA	-8,589	0,051	0,291
CHR12	10687909	CHR12:1068790	SSF x Far_LoA	-9,406	0,048	0,282
CHR12	10706662	CHR12:1070666	SSF x Far_LoA	-8,809	-0,093	0,289
CHR12	10706663	CHR12:1070666	SSF x Far_LoA	-8,445	-0,067	0,299
CHR12	10706667	CHR12:1070666	SSF x Far_LoA	-9,296	-0,060	0,283
CHR12	10706691	CHR12:1070669	SSF x Far_LoA	-7,933	-0,070	0,290
CHR12	10706708	CHR12:1070670	SSF x Far_LoA	-6,539	0,020	0,302
CHR12	10706739	CHR12:1070673	SSF x Far_LoA	-8,845	-0,082	0,298
CHR12	10717550	CHR12:1071755	SSF x Far_LoA	-11,226	0,140	0,291
CHR12	1071990	CHR12:1071990	SSF x Far_LoA	-11,315	0,042	0,281
CHR12	10737530	CHR12:1073753	SSF x Far_LoA	-7,248	0,028	0,291
CHR12	10737539	CHR12:1073753	SSF x Far_LoA	-8,758	-0,036	0,277
CHR12	10768632	CHR12:1076863	SSF x Far_LoA	-8,030	-0,095	0,301
CHR12	10768815	CHR12:1076881	SSF x Far_LoA	-6,855	-0,035	0,300
CHR12	10778707	CHR12:1077870	SSF x Far_LoA	2,637	0,098	0,288
CHR12	10778796	CHR12:1077879	SSF x Far_LoA	-5,628	-0,065	0,295
CHR12	10778824	CHR12:1077882	SSF x Far_LoA	-9,392	0,158	0,290
CHR12	10778893	CHR12:1077889	SSF x Far_LoA	-8,706	0,028	0,291
CHR12	10816215	CHR12:1081621	SSF x Far_LoA	-10,045	0,111	0,290
CHR12	108418	CHR12:108418	SSF x Far_LoA	-11,460	-0,007	0,285

CHR12	10869474	CHR12:10869474	SSF x Far_LoA	-10,610	-0,071	0,291
CHR12	10877249	CHR12:10877249	SSF x Far_LoA	-9,482	-0,043	0,295
CHR12	10877341	CHR12:10877341	SSF x Far_LoA	-8,776	0,042	0,292
CHR12	10878753	CHR12:10878753	SSF x Far_LoA	-7,864	0,009	0,296
CHR12	10894619	CHR12:10894619	SSF x Far_LoA	-8,878	-0,019	0,291
CHR12	10931175	CHR12:10931175	SSF x Far_LoA	-8,753	0,084	0,292
CHR12	10931196	CHR12:10931196	SSF x Far_LoA	-6,232	0,027	0,281
CHR12	10931235	CHR12:10931235	SSF x Far_LoA	-10,160	-0,014	0,290
CHR12	10931308	CHR12:10931308	SSF x Far_LoA	-9,061	-0,001	0,278
CHR12	10931425	CHR12:10931425	SSF x Far_LoA	-8,380	0,057	0,291
CHR12	10931458	CHR12:10931458	SSF x Far_LoA	-8,732	0,016	0,304
CHR12	10934508	CHR12:10934508	SSF x Far_LoA	-9,319	-0,017	0,275
CHR12	10934693	CHR12:10934693	SSF x Far_LoA	-8,276	-0,064	0,287
CHR12	10934806	CHR12:10934806	SSF x Far_LoA	-10,293	0,004	0,287
CHR12	10934811	CHR12:10934811	SSF x Far_LoA	-10,733	0,009	0,288
CHR12	10947448	CHR12:10947448	SSF x Far_LoA	3,625	0,073	0,296
CHR12	1095580	CHR12:1095580	SSF x Far_LoA	-7,736	-0,145	0,301
CHR12	10955900	CHR12:10955900	SSF x Far_LoA	-11,460	0,023	0,293
CHR12	10956149	CHR12:10956149	SSF x Far_LoA	-9,335	-0,038	0,273
CHR12	1097996	CHR12:1097996	SSF x Far_LoA	-11,028	0,001	0,292
CHR12	10987815	CHR12:10987815	SSF x Far_LoA	-9,519	0,060	0,299
CHR12	10991628	CHR12:10991628	SSF x Far_LoA	-9,064	-0,057	0,290
CHR12	10991706	CHR12:10991706	SSF x Far_LoA	-6,314	-0,050	0,284
CHR12	11008847	CHR12:11008847	SSF x Far_LoA	-10,456	-0,052	0,286
CHR12	11009270	CHR12:11009270	SSF x Far_LoA	-11,037	-0,055	0,289
CHR12	11009298	CHR12:11009298	SSF x Far_LoA	-10,467	0,085	0,290
CHR12	11012753	CHR12:11012753	SSF x Far_LoA	-10,162	0,067	0,284
CHR12	11012762	CHR12:11012762	SSF x Far_LoA	-8,001	-0,108	0,296
CHR12	11012771	CHR12:11012771	SSF x Far_LoA	-8,636	-0,068	0,284
CHR12	11012829	CHR12:11012829	SSF x Far_LoA	4,581	0,063	0,301
CHR12	11012932	CHR12:11012932	SSF x Far_LoA	-6,937	0,090	0,293
CHR12	11027417	CHR12:11027417	SSF x Far_LoA	-8,906	0,161	0,289
CHR12	11027595	CHR12:11027595	SSF x Far_LoA	-8,693	0,057	0,298
CHR12	11027622	CHR12:11027622	SSF x Far_LoA	-8,528	-0,030	0,306
CHR12	11027633	CHR12:11027633	SSF x Far_LoA	-9,389	0,008	0,281
CHR12	11028479	CHR12:11028479	SSF x Far_LoA	-7,917	-0,090	0,296
CHR12	11028482	CHR12:11028482	SSF x Far_LoA	-7,497	0,117	0,293
CHR12	11032191	CHR12:11032191	SSF x Far_LoA	-10,299	-0,098	0,285
CHR12	11032289	CHR12:11032289	SSF x Far_LoA	-9,139	-0,047	0,281
CHR12	11032305	CHR12:11032305	SSF x Far_LoA	-5,709	-0,147	0,279
CHR12	11032312	CHR12:11032312	SSF x Far_LoA	-8,676	-0,129	0,283
CHR12	11036129	CHR12:11036129	SSF x Far_LoA	-8,257	-0,039	0,291
CHR12	11036220	CHR12:11036220	SSF x Far_LoA	-7,953	-0,122	0,294
CHR12	11036290	CHR12:11036290	SSF x Far_LoA	-9,908	0,042	0,292
CHR12	11036304	CHR12:11036304	SSF x Far_LoA	-8,706	0,071	0,299
CHR12	11036323	CHR12:11036323	SSF x Far_LoA	-10,375	0,041	0,284
CHR12	11037444	CHR12:11037444	SSF x Far_LoA	-7,604	-0,186	0,274
CHR12	11037455	CHR12:11037455	SSF x Far_LoA	4,917	-0,240	0,279
CHR12	11037552	CHR12:11037552	SSF x Far_LoA	-6,964	-0,105	0,278
CHR12	11037639	CHR12:11037639	SSF x Far_LoA	-9,914	-0,116	0,296
CHR12	11047262	CHR12:11047262	SSF x Far_LoA	-9,809	-0,026	0,303
CHR12	11047266	CHR12:11047266	SSF x Far_LoA	-8,298	-0,080	0,298
CHR12	11047275	CHR12:11047275	SSF x Far_LoA	-8,793	0,068	0,288

CHR12	11052137	CHR12:11052137	SSF x Far_LoA	-9,726	-0,125	0,295
CHR12	11052179	CHR12:11052179	SSF x Far_LoA	-9,369	-0,033	0,281
CHR12	11052312	CHR12:11052312	SSF x Far_LoA	-10,462	-0,024	0,308
CHR12	11061815	CHR12:11061815	SSF x Far_LoA	-9,210	-0,041	0,286
CHR12	11061894	CHR12:11061894	SSF x Far_LoA	-7,724	0,007	0,302
CHR12	1107070	CHR12:1107070	SSF x Far_LoA	-12,567	-0,032	0,294
CHR12	1107110	CHR12:1107110	SSF x Far_LoA	-10,934	-0,014	0,310
CHR12	1107186	CHR12:1107186	SSF x Far_LoA	-11,168	-0,039	0,282
CHR12	11073039	CHR12:11073039	SSF x Far_LoA	-11,082	-0,069	0,295
CHR12	11073048	CHR12:11073048	SSF x Far_LoA	-5,942	-0,099	0,283
CHR12	11073112	CHR12:11073112	SSF x Far_LoA	-11,662	0,003	0,291
CHR12	11073665	CHR12:11073665	SSF x Far_LoA	-7,043	-0,033	0,306
CHR12	11073691	CHR12:11073691	SSF x Far_LoA	-8,750	-0,032	0,292
CHR12	11073702	CHR12:11073702	SSF x Far_LoA	-8,188	-0,021	0,291
CHR12	11093397	CHR12:11093397	SSF x Far_LoA	-8,212	0,041	0,299
CHR12	11095004	CHR12:11095004	SSF x Far_LoA	-4,847	-0,134	0,290
CHR12	11095007	CHR12:11095007	SSF x Far_LoA	-7,294	0,023	0,290
CHR12	11095015	CHR12:11095015	SSF x Far_LoA	-10,272	0,004	0,288
CHR12	11095100	CHR12:11095100	SSF x Far_LoA	-3,445	0,023	0,301
CHR12	11099144	CHR12:11099144	SSF x Far_LoA	-7,597	-0,053	0,287
CHR12	11099163	CHR12:11099163	SSF x Far_LoA	-9,267	-0,102	0,297
CHR12	11099208	CHR12:11099208	SSF x Far_LoA	-10,088	0,007	0,294
CHR12	11099235	CHR12:11099235	SSF x Far_LoA	-7,821	0,042	0,298
CHR12	11099282	CHR12:11099282	SSF x Far_LoA	-9,197	0,002	0,286
CHR12	11099292	CHR12:11099292	SSF x Far_LoA	-9,333	-0,033	0,309
CHR12	11142094	CHR12:11142094	SSF x Far_LoA	-10,634	-0,021	0,294
CHR12	11142146	CHR12:11142146	SSF x Far_LoA	-8,269	-0,003	0,295
CHR12	1117318	CHR12:1117318	SSF x Far_LoA	-9,287	0,040	0,292
CHR12	1117360	CHR12:1117360	SSF x Far_LoA	-9,253	0,073	0,301
CHR12	1117366	CHR12:1117366	SSF x Far_LoA	-11,670	0,032	0,291
CHR12	11185185	CHR12:11185185	SSF x Far_LoA	-10,810	0,065	0,284
CHR12	11185231	CHR12:11185231	SSF x Far_LoA	-9,281	-0,041	0,296
CHR12	11185242	CHR12:11185242	SSF x Far_LoA	-9,566	-0,098	0,284
CHR12	1119188	CHR12:1119188	SSF x Far_LoA	-9,245	-0,015	0,290
CHR12	11215064	CHR12:11215064	SSF x Far_LoA	-8,168	0,052	0,309
CHR12	11215098	CHR12:11215098	SSF x Far_LoA	-8,782	0,107	0,273
CHR12	11272818	CHR12:11272818	SSF x Far_LoA	-9,655	0,055	0,262
CHR12	11272870	CHR12:11272870	SSF x Far_LoA	-9,958	-0,010	0,285
CHR12	11272917	CHR12:11272917	SSF x Far_LoA	-8,656	-0,008	0,276
CHR12	11272926	CHR12:11272926	SSF x Far_LoA	-10,613	0,050	0,275
CHR12	11272931	CHR12:11272931	SSF x Far_LoA	-11,395	-0,008	0,285
CHR12	11272964	CHR12:11272964	SSF x Far_LoA	-6,959	0,113	0,284
CHR12	11276549	CHR12:11276549	SSF x Far_LoA	-9,573	-0,037	0,277
CHR12	11276634	CHR12:11276634	SSF x Far_LoA	-8,374	0,111	0,282
CHR12	11276650	CHR12:11276650	SSF x Far_LoA	-9,171	-0,034	0,297
CHR12	11276662	CHR12:11276662	SSF x Far_LoA	-11,843	-0,068	0,292
CHR12	11282783	CHR12:11282783	SSF x Far_LoA	-10,965	0,016	0,284
CHR12	11282804	CHR12:11282804	SSF x Far_LoA	-10,908	-0,009	0,283
CHR12	11295702	CHR12:11295702	SSF x Far_LoA	-7,772	0,132	0,276
CHR12	11295917	CHR12:11295917	SSF x Far_LoA	-10,382	-0,043	0,316
CHR12	11299377	CHR12:11299377	SSF x Far_LoA	-11,895	-0,024	0,284
CHR12	11299492	CHR12:11299492	SSF x Far_LoA	-8,770	0,111	0,294
CHR12	11299502	CHR12:11299502	SSF x Far_LoA	-8,389	0,084	0,291

CHR12	11299523	CHR12:11299523	SSF x Far_LoA	-6,750	0,042	0,282
CHR12	11304609	CHR12:11304609	SSF x Far_LoA	-9,931	-0,085	0,283
CHR12	11304651	CHR12:11304651	SSF x Far_LoA	-10,769	0,056	0,286
CHR12	11304727	CHR12:11304727	SSF x Far_LoA	-9,671	0,107	0,300
CHR12	11304786	CHR12:11304786	SSF x Far_LoA	-8,990	0,026	0,287
CHR12	11304815	CHR12:11304815	SSF x Far_LoA	-8,407	-0,037	0,293
CHR12	1130744	CHR12:1130744	SSF x Far_LoA	-9,251	-0,007	0,311
CHR12	1130953	CHR12:1130953	SSF x Far_LoA	-10,543	0,012	0,281
CHR12	11321630	CHR12:11321630	SSF x Far_LoA	-9,068	0,104	0,274
CHR12	11321652	CHR12:11321652	SSF x Far_LoA	-7,520	0,080	0,298
CHR12	11322805	CHR12:11322805	SSF x Far_LoA	-9,824	0,066	0,295
CHR12	11322897	CHR12:11322897	SSF x Far_LoA	-9,472	0,074	0,291
CHR12	11333149	CHR12:11333149	SSF x Far_LoA	-11,618	0,038	0,281
CHR12	11333165	CHR12:11333165	SSF x Far_LoA	-9,468	0,015	0,273
CHR12	11333225	CHR12:11333225	SSF x Far_LoA	-9,364	0,085	0,284
CHR12	11333310	CHR12:11333310	SSF x Far_LoA	-10,542	0,022	0,294
CHR12	1134865	CHR12:1134865	SSF x Far_LoA	-7,178	0,062	0,273
CHR12	1134878	CHR12:1134878	SSF x Far_LoA	-9,676	-0,105	0,299
CHR12	1134917	CHR12:1134917	SSF x Far_LoA	-5,439	0,050	0,270
CHR12	1134922	CHR12:1134922	SSF x Far_LoA	-7,011	0,052	0,278
CHR12	1134941	CHR12:1134941	SSF x Far_LoA	-10,032	0,008	0,290
CHR12	1134974	CHR12:1134974	SSF x Far_LoA	-10,871	-0,115	0,273
CHR12	1134989	CHR12:1134989	SSF x Far_LoA	-2,190	0,098	0,274
CHR12	11374796	CHR12:11374796	SSF x Far_LoA	-8,478	-0,090	0,289
CHR12	11374937	CHR12:11374937	SSF x Far_LoA	-10,172	-0,064	0,296
CHR12	11386256	CHR12:11386256	SSF x Far_LoA	-8,683	0,019	0,284
CHR12	11398321	CHR12:11398321	SSF x Far_LoA	-7,313	0,119	0,280
CHR12	11405463	CHR12:11405463	SSF x Far_LoA	-7,765	-0,093	0,300
CHR12	11410024	CHR12:11410024	SSF x Far_LoA	-2,131	-0,185	0,278
CHR12	11410208	CHR12:11410208	SSF x Far_LoA	-7,685	-0,062	0,299
CHR12	11410223	CHR12:11410223	SSF x Far_LoA	-8,132	0,022	0,287
CHR12	11410232	CHR12:11410232	SSF x Far_LoA	-9,525	0,026	0,301
CHR12	11417663	CHR12:11417663	SSF x Far_LoA	-8,068	-0,069	0,300
CHR12	11417782	CHR12:11417782	SSF x Far_LoA	-11,101	0,007	0,294
CHR12	11423492	CHR12:11423492	SSF x Far_LoA	-8,380	0,074	0,270
CHR12	11423507	CHR12:11423507	SSF x Far_LoA	-9,027	0,052	0,284
CHR12	11423595	CHR12:11423595	SSF x Far_LoA	-7,468	-0,102	0,285
CHR12	11423606	CHR12:11423606	SSF x Far_LoA	-9,382	-0,019	0,268
CHR12	11423657	CHR12:11423657	SSF x Far_LoA	-9,613	0,012	0,293
CHR12	11423665	CHR12:11423665	SSF x Far_LoA	-7,583	-0,061	0,277
CHR12	11423674	CHR12:11423674	SSF x Far_LoA	-7,675	0,010	0,284
CHR12	11423762	CHR12:11423762	SSF x Far_LoA	-9,475	-0,111	0,285
CHR12	11441361	CHR12:11441361	SSF x Far_LoA	-9,906	0,001	0,295
CHR12	11441381	CHR12:11441381	SSF x Far_LoA	-10,034	0,007	0,294
CHR12	11441577	CHR12:11441577	SSF x Far_LoA	-10,792	0,015	0,284
CHR12	11441612	CHR12:11441612	SSF x Far_LoA	-5,296	-0,074	0,282
CHR12	11441614	CHR12:11441614	SSF x Far_LoA	-5,746	-0,178	0,274
CHR12	11441615	CHR12:11441615	SSF x Far_LoA	-9,266	-0,009	0,291
CHR12	11441628	CHR12:11441628	SSF x Far_LoA	-9,344	-0,090	0,258
CHR12	11441664	CHR12:11441664	SSF x Far_LoA	-8,702	-0,091	0,294
CHR12	11459652	CHR12:11459652	SSF x Far_LoA	-10,169	0,037	0,284
CHR12	11459656	CHR12:11459656	SSF x Far_LoA	-9,990	0,018	0,295
CHR12	11474074	CHR12:11474074	SSF x Far_LoA	-10,968	0,089	0,284

CHR12	11474138	CHR12:11474138	SSF x Far_LoA	-10,631	-0,027	0,303
CHR12	11487440	CHR12:11487440	SSF x Far_LoA	-7,158	-0,141	0,289
CHR12	11510203	CHR12:11510203	SSF x Far_LoA	-7,094	0,026	0,291
CHR12	11510205	CHR12:11510205	SSF x Far_LoA	-9,463	-0,021	0,282
CHR12	11510208	CHR12:11510208	SSF x Far_LoA	-9,201	-0,023	0,282
CHR12	11510235	CHR12:11510235	SSF x Far_LoA	-9,445	0,123	0,305
CHR12	11510251	CHR12:11510251	SSF x Far_LoA	-11,283	0,073	0,290
CHR12	1151573	CHR12:1151573	SSF x Far_LoA	-8,146	-0,088	0,295
CHR12	11531814	CHR12:11531814	SSF x Far_LoA	-7,735	-0,074	0,281
CHR12	11540811	CHR12:11540811	SSF x Far_LoA	-9,124	-0,008	0,285
CHR12	11540854	CHR12:11540854	SSF x Far_LoA	-10,671	-0,020	0,297
CHR12	11540947	CHR12:11540947	SSF x Far_LoA	-9,874	-0,032	0,283
CHR12	11547969	CHR12:11547969	SSF x Far_LoA	-10,426	-0,039	0,295
CHR12	11554972	CHR12:11554972	SSF x Far_LoA	-8,435	0,018	0,314
CHR12	1161747	CHR12:1161747	SSF x Far_LoA	-10,355	0,040	0,288
CHR12	1161888	CHR12:1161888	SSF x Far_LoA	-7,973	-0,099	0,292
CHR12	1161964	CHR12:1161964	SSF x Far_LoA	-7,202	0,000	0,283
CHR12	11634171	CHR12:11634171	SSF x Far_LoA	-10,903	-0,101	0,292
CHR12	11642619	CHR12:11642619	SSF x Far_LoA	-8,210	-0,021	0,303
CHR12	11642833	CHR12:11642833	SSF x Far_LoA	-11,743	0,072	0,270
CHR12	11642855	CHR12:11642855	SSF x Far_LoA	-8,159	-0,026	0,297
CHR12	11642877	CHR12:11642877	SSF x Far_LoA	-9,667	0,006	0,279
CHR12	11646220	CHR12:11646220	SSF x Far_LoA	-8,827	-0,070	0,293
CHR12	11646258	CHR12:11646258	SSF x Far_LoA	-7,928	-0,058	0,303
CHR12	11649604	CHR12:11649604	SSF x Far_LoA	-11,810	-0,012	0,285
CHR12	11649665	CHR12:11649665	SSF x Far_LoA	-8,954	-0,076	0,287
CHR12	1168276	CHR12:1168276	SSF x Far_LoA	-9,533	-0,012	0,279
CHR12	11699845	CHR12:11699845	SSF x Far_LoA	-7,500	0,006	0,302
CHR12	11699856	CHR12:11699856	SSF x Far_LoA	-10,130	0,054	0,304
CHR12	11699919	CHR12:11699919	SSF x Far_LoA	-10,723	-0,043	0,272
CHR12	11714539	CHR12:11714539	SSF x Far_LoA	-10,155	-0,060	0,296
CHR12	11714744	CHR12:11714744	SSF x Far_LoA	-10,130	0,057	0,286
CHR12	1174458	CHR12:1174458	SSF x Far_LoA	-10,295	-0,098	0,296
CHR12	1174576	CHR12:1174576	SSF x Far_LoA	-8,671	0,161	0,275
CHR12	11746696	CHR12:11746696	SSF x Far_LoA	-8,473	-0,160	0,293
CHR12	11746871	CHR12:11746871	SSF x Far_LoA	-8,829	0,013	0,296
CHR12	11746886	CHR12:11746886	SSF x Far_LoA	-11,626	0,108	0,292
CHR12	117563	CHR12:117563	SSF x Far_LoA	-7,758	0,041	0,288
CHR12	11762350	CHR12:11762350	SSF x Far_LoA	-8,993	0,076	0,289
CHR12	11762356	CHR12:11762356	SSF x Far_LoA	-10,138	0,088	0,282
CHR12	11762363	CHR12:11762363	SSF x Far_LoA	-10,892	0,107	0,289
CHR12	11762378	CHR12:11762378	SSF x Far_LoA	-11,451	0,041	0,291
CHR12	11762397	CHR12:11762397	SSF x Far_LoA	-10,252	0,024	0,300
CHR12	11762417	CHR12:11762417	SSF x Far_LoA	-10,103	0,037	0,307
CHR12	11762440	CHR12:11762440	SSF x Far_LoA	-8,906	0,059	0,297
CHR12	11762481	CHR12:11762481	SSF x Far_LoA	-5,463	-0,044	0,303
CHR12	117660	CHR12:117660	SSF x Far_LoA	-8,764	-0,045	0,306
CHR12	117708	CHR12:117708	SSF x Far_LoA	-10,563	-0,044	0,278
CHR12	117730	CHR12:117730	SSF x Far_LoA	-9,561	-0,055	0,288
CHR12	11788572	CHR12:11788572	SSF x Far_LoA	-8,554	-0,013	0,275
CHR12	1181890	CHR12:1181890	SSF x Far_LoA	-10,428	0,004	0,288
CHR12	1182405	CHR12:1182405	SSF x Far_LoA	-7,326	-0,076	0,290
CHR12	1182419	CHR12:1182419	SSF x Far_LoA	-10,697	-0,006	0,291

CHR12	11847273	CHR12:11847273	SSF x Far_LoA	-4,794	0,163	0,288
CHR12	11847299	CHR12:11847299	SSF x Far_LoA	-11,481	-0,009	0,280
CHR12	11853944	CHR12:11853944	SSF x Far_LoA	-9,213	0,011	0,309
CHR12	11853949	CHR12:11853949	SSF x Far_LoA	-9,724	0,083	0,292
CHR12	11853961	CHR12:11853961	SSF x Far_LoA	-10,702	0,019	0,285
CHR12	11854044	CHR12:11854044	SSF x Far_LoA	-9,632	-0,042	0,299
CHR12	11880393	CHR12:11880393	SSF x Far_LoA	-9,035	-0,088	0,281
CHR12	11880438	CHR12:11880438	SSF x Far_LoA	-7,176	-0,154	0,286
CHR12	11880495	CHR12:11880495	SSF x Far_LoA	-9,712	0,053	0,309
CHR12	11880543	CHR12:11880543	SSF x Far_LoA	-10,094	0,013	0,306
CHR12	11880599	CHR12:11880599	SSF x Far_LoA	-9,231	-0,003	0,294
CHR12	11900374	CHR12:11900374	SSF x Far_LoA	-7,124	0,035	0,306
CHR12	11900495	CHR12:11900495	SSF x Far_LoA	-10,311	-0,057	0,302
CHR12	11905384	CHR12:11905384	SSF x Far_LoA	-7,514	0,068	0,300
CHR12	11913552	CHR12:11913552	SSF x Far_LoA	-8,570	-0,068	0,311
CHR12	11913571	CHR12:11913571	SSF x Far_LoA	-6,382	0,102	0,283
CHR12	11913580	CHR12:11913580	SSF x Far_LoA	-9,193	-0,061	0,283
CHR12	11913642	CHR12:11913642	SSF x Far_LoA	-10,991	0,008	0,288
CHR12	11913650	CHR12:11913650	SSF x Far_LoA	-9,371	0,051	0,302
CHR12	11913693	CHR12:11913693	SSF x Far_LoA	-7,476	0,004	0,306
CHR12	11913694	CHR12:11913694	SSF x Far_LoA	-7,993	-0,018	0,304
CHR12	11919554	CHR12:11919554	SSF x Far_LoA	-9,957	-0,030	0,298
CHR12	11919556	CHR12:11919556	SSF x Far_LoA	-9,685	-0,029	0,288
CHR12	11919598	CHR12:11919598	SSF x Far_LoA	-8,487	0,112	0,281
CHR12	11923656	CHR12:11923656	SSF x Far_LoA	-8,665	-0,120	0,291
CHR12	11928060	CHR12:11928060	SSF x Far_LoA	-11,217	-0,057	0,290
CHR12	11928145	CHR12:11928145	SSF x Far_LoA	-8,969	0,003	0,290
CHR12	11928214	CHR12:11928214	SSF x Far_LoA	-10,292	0,025	0,310
CHR12	11935885	CHR12:11935885	SSF x Far_LoA	-10,208	-0,055	0,288
CHR12	11935981	CHR12:11935981	SSF x Far_LoA	-10,193	-0,019	0,298
CHR12	11936021	CHR12:11936021	SSF x Far_LoA	-4,724	-0,033	0,276
CHR12	11936037	CHR12:11936037	SSF x Far_LoA	-10,226	0,009	0,287
CHR12	11940215	CHR12:11940215	SSF x Far_LoA	-8,552	-0,107	0,304
CHR12	11953115	CHR12:11953115	SSF x Far_LoA	-9,628	0,020	0,283
CHR12	11955657	CHR12:11955657	SSF x Far_LoA	-9,489	-0,018	0,284
CHR12	11955685	CHR12:11955685	SSF x Far_LoA	-11,801	0,006	0,276
CHR12	11955735	CHR12:11955735	SSF x Far_LoA	-8,459	0,046	0,280
CHR12	1198526	CHR12:1198526	SSF x Far_LoA	-10,385	0,015	0,291
CHR12	11988726	CHR12:11988726	SSF x Far_LoA	-8,667	0,235	0,268
CHR12	12042654	CHR12:12042654	SSF x Far_LoA	-6,388	0,095	0,299
CHR12	12044805	CHR12:12044805	SSF x Far_LoA	-11,555	-0,019	0,291
CHR12	12048080	CHR12:12048080	SSF x Far_LoA	-7,377	0,114	0,258
CHR12	1207901	CHR12:1207901	SSF x Far_LoA	-8,601	0,023	0,287
CHR12	12082998	CHR12:12082998	SSF x Far_LoA	-10,921	-0,064	0,303
CHR12	12083052	CHR12:12083052	SSF x Far_LoA	-9,280	-0,032	0,312
CHR12	120934	CHR12:120934	SSF x Far_LoA	-10,372	-0,093	0,293
CHR12	120952	CHR12:120952	SSF x Far_LoA	-10,593	-0,047	0,283
CHR12	12101797	CHR12:12101797	SSF x Far_LoA	-9,736	0,082	0,296
CHR12	12102478	CHR12:12102478	SSF x Far_LoA	-10,136	-0,035	0,277
CHR12	12102597	CHR12:12102597	SSF x Far_LoA	-8,403	0,061	0,290
CHR12	12102612	CHR12:12102612	SSF x Far_LoA	-9,769	0,024	0,291
CHR12	12102763	CHR12:12102763	SSF x Far_LoA	-10,844	0,077	0,272
CHR12	12102799	CHR12:12102799	SSF x Far_LoA	-10,350	0,079	0,287

CHR12	12109267	CHR12:12109267	SSF x Far_LoA	-8,158	0,070	0,296
CHR12	12109433	CHR12:12109433	SSF x Far_LoA	-1,176	0,144	0,281
CHR12	12109539	CHR12:12109539	SSF x Far_LoA	-8,266	0,044	0,286
CHR12	12109596	CHR12:12109596	SSF x Far_LoA	-10,037	0,120	0,283
CHR12	12120077	CHR12:12120077	SSF x Far_LoA	-8,969	-0,128	0,284
CHR12	12120652	CHR12:12120652	SSF x Far_LoA	-3,975	-0,129	0,291
CHR12	12120656	CHR12:12120656	SSF x Far_LoA	-8,091	-0,021	0,295
CHR12	12120734	CHR12:12120734	SSF x Far_LoA	-9,090	0,053	0,291
CHR12	12133216	CHR12:12133216	SSF x Far_LoA	-8,436	-0,050	0,298
CHR12	12133368	CHR12:12133368	SSF x Far_LoA	-10,699	-0,074	0,289
CHR12	12143569	CHR12:12143569	SSF x Far_LoA	-12,168	0,006	0,282
CHR12	12169561	CHR12:12169561	SSF x Far_LoA	-11,373	-0,143	0,282
CHR12	12183298	CHR12:12183298	SSF x Far_LoA	-11,830	-0,073	0,295
CHR12	12183326	CHR12:12183326	SSF x Far_LoA	-9,168	-0,042	0,277
CHR12	12183383	CHR12:12183383	SSF x Far_LoA	-10,095	-0,081	0,276
CHR12	12183404	CHR12:12183404	SSF x Far_LoA	-7,985	-0,010	0,280
CHR12	12185843	CHR12:12185843	SSF x Far_LoA	-7,542	-0,055	0,294
CHR12	12185844	CHR12:12185844	SSF x Far_LoA	-6,996	-0,056	0,300
CHR12	12185847	CHR12:12185847	SSF x Far_LoA	-2,044	-0,242	0,276
CHR12	12186010	CHR12:12186010	SSF x Far_LoA	-9,211	-0,019	0,290
CHR12	12186085	CHR12:12186085	SSF x Far_LoA	-8,742	0,056	0,302
CHR12	12186195	CHR12:12186195	SSF x Far_LoA	-9,027	0,103	0,282
CHR12	12192317	CHR12:12192317	SSF x Far_LoA	-7,389	-0,060	0,286
CHR12	12192398	CHR12:12192398	SSF x Far_LoA	-8,125	-0,017	0,292
CHR12	1219569	CHR12:1219569	SSF x Far_LoA	-8,639	-0,040	0,294
CHR12	1219822	CHR12:1219822	SSF x Far_LoA	-7,842	-0,079	0,289
CHR12	1222642	CHR12:1222642	SSF x Far_LoA	-10,531	0,017	0,300
CHR12	12226695	CHR12:12226695	SSF x Far_LoA	-7,325	-0,058	0,298
CHR12	1222721	CHR12:1222721	SSF x Far_LoA	-10,648	0,046	0,294
CHR12	1222777	CHR12:1222777	SSF x Far_LoA	-8,352	-0,061	0,314
CHR12	1222818	CHR12:1222818	SSF x Far_LoA	-9,572	0,062	0,290
CHR12	12232956	CHR12:12232956	SSF x Far_LoA	-4,510	0,202	0,290
CHR12	12246762	CHR12:12246762	SSF x Far_LoA	-9,819	0,050	0,291
CHR12	12246811	CHR12:12246811	SSF x Far_LoA	-8,848	-0,018	0,299
CHR12	12246924	CHR12:12246924	SSF x Far_LoA	-8,519	-0,102	0,278
CHR12	12246929	CHR12:12246929	SSF x Far_LoA	-7,006	-0,129	0,292
CHR12	12246987	CHR12:12246987	SSF x Far_LoA	-7,958	-0,077	0,305
CHR12	12261646	CHR12:12261646	SSF x Far_LoA	-10,275	0,060	0,286
CHR12	12261766	CHR12:12261766	SSF x Far_LoA	-11,238	0,022	0,278
CHR12	12261776	CHR12:12261776	SSF x Far_LoA	-3,147	0,182	0,282
CHR12	1227387	CHR12:1227387	SSF x Far_LoA	-8,008	0,054	0,294
CHR12	12279720	CHR12:12279720	SSF x Far_LoA	-5,978	-0,100	0,297
CHR12	1228107	CHR12:1228107	SSF x Far_LoA	-8,800	-0,067	0,292
CHR12	12295203	CHR12:12295203	SSF x Far_LoA	-7,497	0,140	0,285
CHR12	12295211	CHR12:12295211	SSF x Far_LoA	-8,443	0,071	0,285
CHR12	12295250	CHR12:12295250	SSF x Far_LoA	-2,279	0,069	0,294
CHR12	12295257	CHR12:12295257	SSF x Far_LoA	-6,917	0,064	0,295
CHR12	12306515	CHR12:12306515	SSF x Far_LoA	-8,302	-0,060	0,279
CHR12	12306517	CHR12:12306517	SSF x Far_LoA	-8,046	0,109	0,297
CHR12	12310508	CHR12:12310508	SSF x Far_LoA	-10,386	-0,016	0,306
CHR12	12315296	CHR12:12315296	SSF x Far_LoA	-6,822	-0,089	0,288
CHR12	1232501	CHR12:1232501	SSF x Far_LoA	-6,634	-0,149	0,288
CHR12	1232658	CHR12:1232658	SSF x Far_LoA	-6,345	-0,111	0,285

CHR12	12331301	CHR12:12331301	SSF x Far_LoA	-11,863	0,035	0,305
CHR12	12331422	CHR12:12331422	SSF x Far_LoA	-8,345	0,049	0,277
CHR12	1234662	CHR12:1234662	SSF x Far_LoA	-5,642	0,133	0,283
CHR12	1234717	CHR12:1234717	SSF x Far_LoA	-8,915	-0,039	0,277
CHR12	12368670	CHR12:1236867C	SSF x Far_LoA	-7,154	-0,128	0,305
CHR12	12408154	CHR12:12408154	SSF x Far_LoA	-11,643	-0,054	0,290
CHR12	12408287	CHR12:12408287	SSF x Far_LoA	-11,296	0,002	0,297
CHR12	12408329	CHR12:12408329	SSF x Far_LoA	-10,000	-0,005	0,282
CHR12	12409582	CHR12:12409582	SSF x Far_LoA	-9,035	0,031	0,281
CHR12	12409837	CHR12:12409837	SSF x Far_LoA	-9,449	0,110	0,287
CHR12	12425195	CHR12:12425195	SSF x Far_LoA	-7,890	-0,124	0,289
CHR12	12425228	CHR12:12425228	SSF x Far_LoA	-7,106	0,008	0,290
CHR12	12425307	CHR12:12425307	SSF x Far_LoA	-8,151	0,156	0,272
CHR12	12432167	CHR12:12432167	SSF x Far_LoA	-8,929	0,145	0,305
CHR12	1243612	CHR12:1243612	SSF x Far_LoA	-8,791	0,001	0,282
CHR12	1243697	CHR12:1243697	SSF x Far_LoA	-9,553	-0,050	0,286
CHR12	1243725	CHR12:1243725	SSF x Far_LoA	2,038	0,084	0,286
CHR12	12441091	CHR12:12441091	SSF x Far_LoA	-9,618	-0,077	0,283
CHR12	12450661	CHR12:12450661	SSF x Far_LoA	-11,015	0,006	0,300
CHR12	12450735	CHR12:12450735	SSF x Far_LoA	-8,794	-0,078	0,271
CHR12	12453829	CHR12:12453829	SSF x Far_LoA	-10,948	-0,055	0,297
CHR12	12453830	CHR12:12453830	SSF x Far_LoA	-3,992	-0,198	0,286
CHR12	12453831	CHR12:12453831	SSF x Far_LoA	-6,447	-0,180	0,283
CHR12	12453965	CHR12:12453965	SSF x Far_LoA	-10,961	0,040	0,290
CHR12	12466910	CHR12:1246691C	SSF x Far_LoA	-9,007	-0,023	0,295
CHR12	12476628	CHR12:12476628	SSF x Far_LoA	-9,855	0,026	0,295
CHR12	12476749	CHR12:12476749	SSF x Far_LoA	-9,157	0,004	0,287
CHR12	12477137	CHR12:12477137	SSF x Far_LoA	-9,884	-0,040	0,295
CHR12	12484807	CHR12:12484807	SSF x Far_LoA	-5,695	-0,172	0,292
CHR12	12487172	CHR12:12487172	SSF x Far_LoA	-10,408	-0,027	0,281
CHR12	12499586	CHR12:12499586	SSF x Far_LoA	-1,354	-0,060	0,285
CHR12	12502804	CHR12:12502804	SSF x Far_LoA	-11,417	0,015	0,283
CHR12	12502877	CHR12:12502877	SSF x Far_LoA	-8,037	-0,063	0,277
CHR12	1251693	CHR12:1251693	SSF x Far_LoA	-9,650	0,103	0,297
CHR12	12531231	CHR12:12531231	SSF x Far_LoA	-10,019	0,010	0,299
CHR12	12531240	CHR12:1253124C	SSF x Far_LoA	-9,002	0,079	0,271
CHR12	12531256	CHR12:12531256	SSF x Far_LoA	-6,417	0,069	0,290
CHR12	12534692	CHR12:12534692	SSF x Far_LoA	-11,222	0,058	0,284
CHR12	12534770	CHR12:1253477C	SSF x Far_LoA	-0,546	-0,156	0,284
CHR12	12534796	CHR12:12534796	SSF x Far_LoA	-11,317	0,077	0,276
CHR12	12534850	CHR12:1253485C	SSF x Far_LoA	-10,110	-0,008	0,308
CHR12	12534887	CHR12:12534887	SSF x Far_LoA	-9,830	-0,150	0,270
CHR12	12551107	CHR12:12551107	SSF x Far_LoA	-9,810	-0,095	0,289
CHR12	12568526	CHR12:12568526	SSF x Far_LoA	-10,537	-0,020	0,291
CHR12	12568527	CHR12:12568527	SSF x Far_LoA	-10,427	-0,026	0,293
CHR12	12568590	CHR12:1256859C	SSF x Far_LoA	-11,034	-0,013	0,289
CHR12	1257173	CHR12:1257173	SSF x Far_LoA	-11,669	0,006	0,278
CHR12	12603431	CHR12:12603431	SSF x Far_LoA	-8,085	0,072	0,276
CHR12	12603503	CHR12:12603503	SSF x Far_LoA	-8,976	0,064	0,289
CHR12	12627004	CHR12:12627004	SSF x Far_LoA	-7,356	-0,140	0,283
CHR12	1263102	CHR12:1263102	SSF x Far_LoA	-8,372	-0,093	0,291
CHR12	1263144	CHR12:1263144	SSF x Far_LoA	-9,675	0,036	0,281
CHR12	1269537	CHR12:1269537	SSF x Far_LoA	-8,600	-0,105	0,289

CHR12	1269606	CHR12:1269606	SSF x Far_LoA	-8,510	-0,141	0,280
CHR12	12715548	CHR12:12715548	SSF x Far_LoA	-10,472	0,019	0,295
CHR12	1277876	CHR12:1277876	SSF x Far_LoA	-8,742	-0,019	0,305
CHR12	1291612	CHR12:1291612	SSF x Far_LoA	-9,159	-0,045	0,297
CHR12	1291784	CHR12:1291784	SSF x Far_LoA	-9,216	-0,110	0,295
CHR12	130264	CHR12:130264	SSF x Far_LoA	-8,481	0,094	0,285
CHR12	130368	CHR12:130368	SSF x Far_LoA	7,621	0,049	0,291
CHR12	1313351	CHR12:1313351	SSF x Far_LoA	-9,426	0,005	0,290
CHR12	1313414	CHR12:1313414	SSF x Far_LoA	-9,444	0,141	0,277
CHR12	1316900	CHR12:1316900	SSF x Far_LoA	-10,162	0,063	0,287
CHR12	1319364	CHR12:1319364	SSF x Far_LoA	-2,799	0,101	0,311
CHR12	1323651	CHR12:1323651	SSF x Far_LoA	-8,802	-0,029	0,301
CHR12	1323654	CHR12:1323654	SSF x Far_LoA	-4,293	0,183	0,277
CHR12	1323707	CHR12:1323707	SSF x Far_LoA	-8,318	0,028	0,299
CHR12	1323742	CHR12:1323742	SSF x Far_LoA	-8,183	0,074	0,292
CHR12	1323763	CHR12:1323763	SSF x Far_LoA	-11,368	0,073	0,285
CHR12	1323791	CHR12:1323791	SSF x Far_LoA	-7,713	0,079	0,306
CHR12	1323793	CHR12:1323793	SSF x Far_LoA	-8,197	0,051	0,301
CHR12	1337788	CHR12:1337788	SSF x Far_LoA	-8,671	0,035	0,306
CHR12	1337831	CHR12:1337831	SSF x Far_LoA	-9,191	0,004	0,302
CHR12	1352073	CHR12:1352073	SSF x Far_LoA	-10,410	-0,092	0,287
CHR12	1352082	CHR12:1352082	SSF x Far_LoA	-4,317	0,112	0,279
CHR12	1352152	CHR12:1352152	SSF x Far_LoA	-5,572	-0,039	0,306
CHR12	1367760	CHR12:1367760	SSF x Far_LoA	-10,856	-0,030	0,278
CHR12	1367804	CHR12:1367804	SSF x Far_LoA	-8,787	-0,071	0,275
CHR12	1368949	CHR12:1368949	SSF x Far_LoA	-9,602	0,087	0,286
CHR12	1368953	CHR12:1368953	SSF x Far_LoA	-8,130	-0,074	0,274
CHR12	1368998	CHR12:1368998	SSF x Far_LoA	-8,998	-0,088	0,281
CHR12	1369001	CHR12:1369001	SSF x Far_LoA	-9,354	-0,109	0,295
CHR12	1369092	CHR12:1369092	SSF x Far_LoA	-7,381	-0,056	0,300
CHR12	1387821	CHR12:1387821	SSF x Far_LoA	-10,868	0,070	0,291
CHR12	1387849	CHR12:1387849	SSF x Far_LoA	-7,993	0,077	0,276
CHR12	138964	CHR12:138964	SSF x Far_LoA	-8,563	-0,004	0,282
CHR12	1396719	CHR12:1396719	SSF x Far_LoA	-10,998	0,029	0,279
CHR12	1396749	CHR12:1396749	SSF x Far_LoA	-10,089	-0,020	0,280
CHR12	1396924	CHR12:1396924	SSF x Far_LoA	-7,343	-0,092	0,311
CHR12	1396948	CHR12:1396948	SSF x Far_LoA	-10,219	-0,042	0,288
CHR12	1396960	CHR12:1396960	SSF x Far_LoA	-11,141	0,002	0,275
CHR12	1400941	CHR12:1400941	SSF x Far_LoA	-8,621	0,009	0,292
CHR12	1400947	CHR12:1400947	SSF x Far_LoA	-11,237	0,029	0,296
CHR12	1401013	CHR12:1401013	SSF x Far_LoA	-10,410	0,034	0,274
CHR12	1401161	CHR12:1401161	SSF x Far_LoA	-8,265	-0,107	0,290
CHR12	1415311	CHR12:1415311	SSF x Far_LoA	-10,567	0,074	0,308
CHR12	1415312	CHR12:1415312	SSF x Far_LoA	-10,954	0,069	0,303
CHR12	1415352	CHR12:1415352	SSF x Far_LoA	-9,497	-0,063	0,294
CHR12	141663	CHR12:141663	SSF x Far_LoA	-9,008	0,009	0,285
CHR12	141800	CHR12:141800	SSF x Far_LoA	-4,216	-0,063	0,303
CHR12	1422309	CHR12:1422309	SSF x Far_LoA	-11,513	0,042	0,292
CHR12	1434420	CHR12:1434420	SSF x Far_LoA	-9,581	0,062	0,268
CHR12	1455905	CHR12:1455905	SSF x Far_LoA	-4,049	-0,090	0,291
CHR12	1465283	CHR12:1465283	SSF x Far_LoA	-9,310	0,074	0,290
CHR12	1465301	CHR12:1465301	SSF x Far_LoA	-8,316	0,159	0,277
CHR12	1465654	CHR12:1465654	SSF x Far_LoA	-9,887	-0,028	0,309

CHR12	1470191	CHR12:1470191	SSF x Far_LoA	-9,536	-0,134	0,292
CHR12	1470220	CHR12:1470220	SSF x Far_LoA	-8,672	-0,133	0,271
CHR12	1470311	CHR12:1470311	SSF x Far_LoA	-8,879	-0,149	0,287
CHR12	1524854	CHR12:1524854	SSF x Far_LoA	-10,977	-0,036	0,287
CHR12	1524911	CHR12:1524911	SSF x Far_LoA	-10,503	-0,024	0,288
CHR12	1531776	CHR12:1531776	SSF x Far_LoA	-11,489	-0,007	0,292
CHR12	1531849	CHR12:1531849	SSF x Far_LoA	-10,775	-0,093	0,285
CHR12	1540852	CHR12:1540852	SSF x Far_LoA	-5,828	0,101	0,297
CHR12	1541008	CHR12:1541008	SSF x Far_LoA	-8,461	-0,089	0,270
CHR12	1551287	CHR12:1551287	SSF x Far_LoA	-10,745	-0,096	0,282
CHR12	1551395	CHR12:1551395	SSF x Far_LoA	-10,988	0,013	0,286
CHR12	1551738	CHR12:1551738	SSF x Far_LoA	-9,696	0,074	0,272
CHR12	1575059	CHR12:1575059	SSF x Far_LoA	-3,159	0,074	0,292
CHR12	1575084	CHR12:1575084	SSF x Far_LoA	-8,277	-0,150	0,303
CHR12	1581279	CHR12:1581279	SSF x Far_LoA	-6,974	0,116	0,296
CHR12	1583464	CHR12:1583464	SSF x Far_LoA	-11,729	0,041	0,289
CHR12	1583482	CHR12:1583482	SSF x Far_LoA	-7,943	-0,070	0,279
CHR12	1598902	CHR12:1598902	SSF x Far_LoA	-5,863	-0,090	0,295
CHR12	1602969	CHR12:1602969	SSF x Far_LoA	-8,884	0,088	0,278
CHR12	1603174	CHR12:1603174	SSF x Far_LoA	-11,275	-0,008	0,288
CHR12	1603194	CHR12:1603194	SSF x Far_LoA	-6,198	0,112	0,291
CHR12	1606638	CHR12:1606638	SSF x Far_LoA	-7,098	-0,032	0,301
CHR12	1606658	CHR12:1606658	SSF x Far_LoA	-9,101	-0,117	0,305
CHR12	160674	CHR12:160674	SSF x Far_LoA	-9,345	-0,037	0,299
CHR12	1618291	CHR12:1618291	SSF x Far_LoA	-11,198	-0,056	0,292
CHR12	1622908	CHR12:1622908	SSF x Far_LoA	-11,781	0,019	0,292
CHR12	1648996	CHR12:1648996	SSF x Far_LoA	-8,517	-0,019	0,280
CHR12	1649005	CHR12:1649005	SSF x Far_LoA	-8,930	-0,015	0,272
CHR12	1649041	CHR12:1649041	SSF x Far_LoA	-8,906	0,032	0,282
CHR12	1649049	CHR12:1649049	SSF x Far_LoA	-8,220	0,039	0,282
CHR12	1649060	CHR12:1649060	SSF x Far_LoA	-8,348	0,048	0,281
CHR12	1649061	CHR12:1649061	SSF x Far_LoA	-9,024	0,057	0,269
CHR12	1649092	CHR12:1649092	SSF x Far_LoA	-4,272	0,051	0,274
CHR12	1649132	CHR12:1649132	SSF x Far_LoA	0,568	-0,024	0,299
CHR12	1649141	CHR12:1649141	SSF x Far_LoA	-9,487	-0,055	0,295
CHR12	1649167	CHR12:1649167	SSF x Far_LoA	-8,383	-0,017	0,299
CHR12	1649173	CHR12:1649173	SSF x Far_LoA	-8,802	-0,008	0,303
CHR12	1649206	CHR12:1649206	SSF x Far_LoA	-8,920	-0,116	0,287
CHR12	1653174	CHR12:1653174	SSF x Far_LoA	1,199	0,120	0,297
CHR12	1656423	CHR12:1656423	SSF x Far_LoA	-10,068	-0,092	0,298
CHR12	1658122	CHR12:1658122	SSF x Far_LoA	-8,701	-0,052	0,283
CHR12	1658152	CHR12:1658152	SSF x Far_LoA	-6,356	-0,097	0,280
CHR12	1668346	CHR12:1668346	SSF x Far_LoA	-8,146	0,081	0,280
CHR12	1668427	CHR12:1668427	SSF x Far_LoA	-7,347	0,144	0,274
CHR12	1668486	CHR12:1668486	SSF x Far_LoA	-9,137	0,059	0,280
CHR12	1681939	CHR12:1681939	SSF x Far_LoA	-8,997	0,078	0,288
CHR12	1692985	CHR12:1692985	SSF x Far_LoA	-9,054	-0,021	0,292
CHR12	1699639	CHR12:1699639	SSF x Far_LoA	-10,467	0,039	0,301
CHR12	1699762	CHR12:1699762	SSF x Far_LoA	-9,462	-0,057	0,313
CHR12	1716368	CHR12:1716368	SSF x Far_LoA	-6,619	0,078	0,313
CHR12	1716384	CHR12:1716384	SSF x Far_LoA	-9,054	-0,083	0,279
CHR12	1719175	CHR12:1719175	SSF x Far_LoA	-9,456	-0,117	0,270
CHR12	1720783	CHR12:1720783	SSF x Far_LoA	-11,354	0,021	0,305

CHR12	1720823	CHR12:1720823	SSF x Far_LoA	-10,177	0,074	0,294
CHR12	1720912	CHR12:1720912	SSF x Far_LoA	-5,813	-0,142	0,299
CHR12	172313	CHR12:172313	SSF x Far_LoA	-9,791	0,025	0,291
CHR12	1732500	CHR12:1732500	SSF x Far_LoA	-7,876	0,021	0,302
CHR12	1732550	CHR12:1732550	SSF x Far_LoA	-10,966	0,002	0,291
CHR12	1740808	CHR12:1740808	SSF x Far_LoA	-9,306	0,001	0,288
CHR12	1740824	CHR12:1740824	SSF x Far_LoA	-11,700	-0,071	0,282
CHR12	1743002	CHR12:1743002	SSF x Far_LoA	-10,011	-0,037	0,295
CHR12	1743088	CHR12:1743088	SSF x Far_LoA	-9,772	0,094	0,290
CHR12	1762966	CHR12:1762966	SSF x Far_LoA	-10,601	-0,022	0,282
CHR12	1763031	CHR12:1763031	SSF x Far_LoA	-8,892	0,085	0,278
CHR12	1789789	CHR12:1789789	SSF x Far_LoA	-8,149	-0,060	0,288
CHR12	1789797	CHR12:1789797	SSF x Far_LoA	-8,735	-0,050	0,295
CHR12	1791024	CHR12:1791024	SSF x Far_LoA	-9,134	-0,011	0,282
CHR12	1791194	CHR12:1791194	SSF x Far_LoA	-8,333	-0,038	0,299
CHR12	1791233	CHR12:1791233	SSF x Far_LoA	-8,480	0,061	0,288
CHR12	1808926	CHR12:1808926	SSF x Far_LoA	-9,650	-0,023	0,292
CHR12	1814137	CHR12:1814137	SSF x Far_LoA	-10,190	-0,098	0,286
CHR12	1814171	CHR12:1814171	SSF x Far_LoA	-8,760	0,046	0,299
CHR12	1819655	CHR12:1819655	SSF x Far_LoA	-9,928	-0,101	0,284
CHR12	1819936	CHR12:1819936	SSF x Far_LoA	-10,554	-0,091	0,298
CHR12	1820045	CHR12:1820045	SSF x Far_LoA	-8,059	-0,091	0,286
CHR12	1832284	CHR12:1832284	SSF x Far_LoA	-7,858	-0,047	0,291
CHR12	1832324	CHR12:1832324	SSF x Far_LoA	0,959	-0,014	0,292
CHR12	1832415	CHR12:1832415	SSF x Far_LoA	-8,134	-0,035	0,299
CHR12	1832679	CHR12:1832679	SSF x Far_LoA	-8,729	-0,059	0,287
CHR12	1843988	CHR12:1843988	SSF x Far_LoA	-9,477	-0,154	0,288
CHR12	1844002	CHR12:1844002	SSF x Far_LoA	-11,344	-0,009	0,296
CHR12	1844018	CHR12:1844018	SSF x Far_LoA	-10,388	0,010	0,297
CHR12	1844070	CHR12:1844070	SSF x Far_LoA	-11,100	0,016	0,307
CHR12	1844112	CHR12:1844112	SSF x Far_LoA	-9,009	-0,002	0,297
CHR12	1846636	CHR12:1846636	SSF x Far_LoA	-10,690	0,019	0,305
CHR12	1846639	CHR12:1846639	SSF x Far_LoA	-10,709	0,087	0,296
CHR12	1846710	CHR12:1846710	SSF x Far_LoA	-10,669	-0,059	0,297
CHR12	1850756	CHR12:1850756	SSF x Far_LoA	-7,441	0,108	0,290
CHR12	1850781	CHR12:1850781	SSF x Far_LoA	-10,620	-0,103	0,278
CHR12	1850801	CHR12:1850801	SSF x Far_LoA	-8,001	0,067	0,296
CHR12	1850962	CHR12:1850962	SSF x Far_LoA	-9,115	-0,130	0,291
CHR12	1850966	CHR12:1850966	SSF x Far_LoA	-7,185	0,059	0,298
CHR12	1851121	CHR12:1851121	SSF x Far_LoA	-7,971	0,035	0,303
CHR12	1856385	CHR12:1856385	SSF x Far_LoA	-8,404	-0,111	0,282
CHR12	1856542	CHR12:1856542	SSF x Far_LoA	-9,491	0,111	0,302
CHR12	1856594	CHR12:1856594	SSF x Far_LoA	-9,074	0,121	0,259
CHR12	1856631	CHR12:1856631	SSF x Far_LoA	-8,319	-0,032	0,292
CHR12	1861489	CHR12:1861489	SSF x Far_LoA	-8,289	0,057	0,305
CHR12	1861595	CHR12:1861595	SSF x Far_LoA	-6,735	-0,153	0,281
CHR12	1863723	CHR12:1863723	SSF x Far_LoA	-10,788	0,050	0,291
CHR12	1863734	CHR12:1863734	SSF x Far_LoA	-10,325	0,000	0,290
CHR12	1863964	CHR12:1863964	SSF x Far_LoA	-6,054	-0,036	0,296
CHR12	1863966	CHR12:1863966	SSF x Far_LoA	-8,048	-0,082	0,300
CHR12	1863989	CHR12:1863989	SSF x Far_LoA	-8,507	-0,039	0,297
CHR12	1886054	CHR12:1886054	SSF x Far_LoA	-9,195	0,121	0,273
CHR12	1886080	CHR12:1886080	SSF x Far_LoA	-10,646	0,074	0,291

CHR12	1886177	CHR12:1886177	SSF x Far_LoA	-10,492	-0,074	0,292
CHR12	1909896	CHR12:1909896	SSF x Far_LoA	-8,867	0,015	0,295
CHR12	1909989	CHR12:1909989	SSF x Far_LoA	-9,241	-0,059	0,284
CHR12	1909994	CHR12:1909994	SSF x Far_LoA	-9,101	-0,031	0,278
CHR12	1910069	CHR12:1910069	SSF x Far_LoA	-10,209	-0,068	0,286
CHR12	1910122	CHR12:1910122	SSF x Far_LoA	-11,327	-0,079	0,291
CHR12	1910137	CHR12:1910137	SSF x Far_LoA	-11,018	0,038	0,288
CHR12	1910155	CHR12:1910155	SSF x Far_LoA	-7,607	-0,115	0,299
CHR12	1914471	CHR12:1914471	SSF x Far_LoA	-10,983	-0,018	0,306
CHR12	1927433	CHR12:1927433	SSF x Far_LoA	-7,527	0,096	0,295
CHR12	1927434	CHR12:1927434	SSF x Far_LoA	-11,278	0,010	0,278
CHR12	1927455	CHR12:1927455	SSF x Far_LoA	-10,919	-0,066	0,293
CHR12	1927538	CHR12:1927538	SSF x Far_LoA	-7,787	0,024	0,297
CHR12	1927695	CHR12:1927695	SSF x Far_LoA	-8,194	0,000	0,285
CHR12	1937738	CHR12:1937738	SSF x Far_LoA	-10,104	0,050	0,275
CHR12	1956705	CHR12:1956705	SSF x Far_LoA	-10,445	-0,031	0,291
CHR12	1962268	CHR12:1962268	SSF x Far_LoA	-3,661	0,026	0,293
CHR12	1977865	CHR12:1977865	SSF x Far_LoA	-10,816	-0,001	0,287
CHR12	1977900	CHR12:1977900	SSF x Far_LoA	-9,748	-0,015	0,299
CHR12	1998687	CHR12:1998687	SSF x Far_LoA	-10,102	0,037	0,292
CHR12	1998975	CHR12:1998975	SSF x Far_LoA	-6,774	0,077	0,286
CHR12	2009080	CHR12:2009080	SSF x Far_LoA	-4,483	-0,177	0,291
CHR12	2009205	CHR12:2009205	SSF x Far_LoA	-7,628	-0,117	0,298
CHR12	2012155	CHR12:2012155	SSF x Far_LoA	-7,533	0,050	0,293
CHR12	2012464	CHR12:2012464	SSF x Far_LoA	-7,783	0,176	0,269
CHR12	2024430	CHR12:2024430	SSF x Far_LoA	-5,033	0,083	0,277
CHR12	2028922	CHR12:2028922	SSF x Far_LoA	-8,330	0,166	0,284
CHR12	2029108	CHR12:2029108	SSF x Far_LoA	-8,374	-0,121	0,292
CHR12	2051539	CHR12:2051539	SSF x Far_LoA	-9,022	0,014	0,297
CHR12	2051550	CHR12:2051550	SSF x Far_LoA	-8,471	0,018	0,294
CHR12	2051583	CHR12:2051583	SSF x Far_LoA	-9,849	0,042	0,287
CHR12	2051608	CHR12:2051608	SSF x Far_LoA	-8,712	0,006	0,297
CHR12	2051617	CHR12:2051617	SSF x Far_LoA	-7,121	0,013	0,307
CHR12	2051698	CHR12:2051698	SSF x Far_LoA	-7,813	0,122	0,284
CHR12	2051718	CHR12:2051718	SSF x Far_LoA	-1,592	0,104	0,295
CHR12	2051769	CHR12:2051769	SSF x Far_LoA	-8,823	0,084	0,290
CHR12	2051799	CHR12:2051799	SSF x Far_LoA	-7,503	0,094	0,289
CHR12	2051802	CHR12:2051802	SSF x Far_LoA	-12,033	0,025	0,286
CHR12	2051811	CHR12:2051811	SSF x Far_LoA	-5,988	0,129	0,304
CHR12	2051825	CHR12:2051825	SSF x Far_LoA	-9,584	0,075	0,284
CHR12	2051829	CHR12:2051829	SSF x Far_LoA	-8,972	0,070	0,296
CHR12	2063342	CHR12:2063342	SSF x Far_LoA	-6,360	0,106	0,290
CHR12	2063490	CHR12:2063490	SSF x Far_LoA	-11,777	0,077	0,284
CHR12	2066735	CHR12:2066735	SSF x Far_LoA	-9,919	0,002	0,306
CHR12	2066751	CHR12:2066751	SSF x Far_LoA	-11,444	0,108	0,294
CHR12	2066774	CHR12:2066774	SSF x Far_LoA	-10,916	0,125	0,284
CHR12	2066775	CHR12:2066775	SSF x Far_LoA	-11,522	0,113	0,287
CHR12	2066776	CHR12:2066776	SSF x Far_LoA	-10,169	0,102	0,301
CHR12	2066779	CHR12:2066779	SSF x Far_LoA	-7,747	0,122	0,286
CHR12	2075779	CHR12:2075779	SSF x Far_LoA	-8,392	-0,015	0,318
CHR12	2079489	CHR12:2079489	SSF x Far_LoA	-10,232	-0,035	0,290
CHR12	2083986	CHR12:2083986	SSF x Far_LoA	-7,654	0,040	0,286
CHR12	2084040	CHR12:2084040	SSF x Far_LoA	-9,985	-0,032	0,287

CHR12	2096140	CHR12:2096140	SSF x Far_LoA	-5,119	0,191	0,265
CHR12	2111368	CHR12:2111368	SSF x Far_LoA	-9,587	-0,026	0,276
CHR12	2111437	CHR12:2111437	SSF x Far_LoA	-9,368	0,016	0,282
CHR12	2112594	CHR12:2112594	SSF x Far_LoA	-11,982	0,029	0,281
CHR12	2120747	CHR12:2120747	SSF x Far_LoA	-9,675	-0,083	0,300
CHR12	2137454	CHR12:2137454	SSF x Far_LoA	-7,090	0,151	0,293
CHR12	2137458	CHR12:2137458	SSF x Far_LoA	-6,495	-0,037	0,288
CHR12	2140392	CHR12:2140392	SSF x Far_LoA	-10,175	0,058	0,298
CHR12	2140480	CHR12:2140480	SSF x Far_LoA	-10,378	-0,112	0,292
CHR12	2152377	CHR12:2152377	SSF x Far_LoA	-3,025	0,209	0,285
CHR12	2158408	CHR12:2158408	SSF x Far_LoA	-10,200	0,063	0,288
CHR12	2160684	CHR12:2160684	SSF x Far_LoA	-8,920	-0,039	0,272
CHR12	2186549	CHR12:2186549	SSF x Far_LoA	-9,171	-0,039	0,301
CHR12	2186647	CHR12:2186647	SSF x Far_LoA	-10,203	-0,039	0,273
CHR12	2194827	CHR12:2194827	SSF x Far_LoA	-10,265	0,011	0,294
CHR12	2194847	CHR12:2194847	SSF x Far_LoA	-8,303	-0,038	0,290
CHR12	2194908	CHR12:2194908	SSF x Far_LoA	-6,990	0,073	0,288
CHR12	219757	CHR12:219757	SSF x Far_LoA	-9,431	-0,046	0,300
CHR12	2200501	CHR12:2200501	SSF x Far_LoA	-10,851	0,050	0,288
CHR12	2254929	CHR12:2254929	SSF x Far_LoA	9,579	0,041	0,281
CHR12	2274527	CHR12:2274527	SSF x Far_LoA	-10,468	0,007	0,279
CHR12	2277197	CHR12:2277197	SSF x Far_LoA	-11,184	0,023	0,279
CHR12	2277349	CHR12:2277349	SSF x Far_LoA	-10,799	0,030	0,298
CHR12	2287519	CHR12:2287519	SSF x Far_LoA	-10,209	0,079	0,289
CHR12	2287594	CHR12:2287594	SSF x Far_LoA	-9,477	-0,020	0,281
CHR12	2290286	CHR12:2290286	SSF x Far_LoA	-10,818	-0,082	0,272
CHR12	2290373	CHR12:2290373	SSF x Far_LoA	-9,306	-0,019	0,285
CHR12	2290391	CHR12:2290391	SSF x Far_LoA	-6,285	-0,116	0,275
CHR12	2290436	CHR12:2290436	SSF x Far_LoA	-9,204	-0,016	0,277
CHR12	229246	CHR12:229246	SSF x Far_LoA	-11,454	0,039	0,282
CHR12	229279	CHR12:229279	SSF x Far_LoA	-7,469	-0,121	0,282
CHR12	2297403	CHR12:2297403	SSF x Far_LoA	-9,246	0,013	0,303
CHR12	2297407	CHR12:2297407	SSF x Far_LoA	-10,573	0,028	0,288
CHR12	2297446	CHR12:2297446	SSF x Far_LoA	-9,008	-0,091	0,291
CHR12	2297592	CHR12:2297592	SSF x Far_LoA	-9,588	-0,087	0,291
CHR12	2300895	CHR12:2300895	SSF x Far_LoA	-6,859	0,210	0,272
CHR12	2301997	CHR12:2301997	SSF x Far_LoA	-6,689	-0,050	0,290
CHR12	2318323	CHR12:2318323	SSF x Far_LoA	-7,647	-0,014	0,308
CHR12	2318477	CHR12:2318477	SSF x Far_LoA	-8,855	0,072	0,287
CHR12	2323867	CHR12:2323867	SSF x Far_LoA	-11,924	-0,045	0,281
CHR12	2323897	CHR12:2323897	SSF x Far_LoA	-8,274	-0,211	0,267
CHR12	2326885	CHR12:2326885	SSF x Far_LoA	-9,462	0,015	0,288
CHR12	2327152	CHR12:2327152	SSF x Far_LoA	-9,363	0,002	0,283
CHR12	2327163	CHR12:2327163	SSF x Far_LoA	-6,935	-0,039	0,291
CHR12	2332665	CHR12:2332665	SSF x Far_LoA	11,757	0,175	0,275
CHR12	2334275	CHR12:2334275	SSF x Far_LoA	-9,562	0,037	0,292
CHR12	2336742	CHR12:2336742	SSF x Far_LoA	-9,154	-0,024	0,299
CHR12	2337069	CHR12:2337069	SSF x Far_LoA	-5,265	0,096	0,258
CHR12	2341103	CHR12:2341103	SSF x Far_LoA	-5,823	-0,099	0,290
CHR12	2343709	CHR12:2343709	SSF x Far_LoA	-8,848	0,065	0,299
CHR12	2355919	CHR12:2355919	SSF x Far_LoA	-7,587	0,021	0,283
CHR12	2356003	CHR12:2356003	SSF x Far_LoA	-6,562	-0,133	0,297
CHR12	2362149	CHR12:2362149	SSF x Far_LoA	-11,921	0,069	0,285

CHR12	236913	CHR12:236913	SSF x Far_LoA	-4,490	-0,261	0,263
CHR12	237055	CHR12:237055	SSF x Far_LoA	-10,633	-0,052	0,287
CHR12	237078	CHR12:237078	SSF x Far_LoA	-10,024	0,112	0,298
CHR12	2377135	CHR12:2377135	SSF x Far_LoA	-7,574	0,085	0,307
CHR12	2377230	CHR12:2377230	SSF x Far_LoA	-8,846	0,029	0,304
CHR12	2378575	CHR12:2378575	SSF x Far_LoA	-0,147	-0,164	0,281
CHR12	2378586	CHR12:2378586	SSF x Far_LoA	-7,593	0,089	0,285
CHR12	2378643	CHR12:2378643	SSF x Far_LoA	-5,935	0,165	0,308
CHR12	2378692	CHR12:2378692	SSF x Far_LoA	-8,210	0,143	0,283
CHR12	240384	CHR12:240384	SSF x Far_LoA	-10,553	-0,074	0,284
CHR12	2410485	CHR12:2410485	SSF x Far_LoA	-10,655	0,061	0,298
CHR12	2410524	CHR12:2410524	SSF x Far_LoA	-11,816	-0,021	0,301
CHR12	2417956	CHR12:2417956	SSF x Far_LoA	-9,514	-0,047	0,271
CHR12	2418373	CHR12:2418373	SSF x Far_LoA	-8,178	0,031	0,311
CHR12	2423673	CHR12:2423673	SSF x Far_LoA	-8,777	-0,050	0,300
CHR12	2424007	CHR12:2424007	SSF x Far_LoA	-8,188	-0,073	0,298
CHR12	2436949	CHR12:2436949	SSF x Far_LoA	-7,250	0,165	0,276
CHR12	2436973	CHR12:2436973	SSF x Far_LoA	-8,527	-0,125	0,282
CHR12	2437206	CHR12:2437206	SSF x Far_LoA	-8,920	-0,055	0,303
CHR12	2458880	CHR12:2458880	SSF x Far_LoA	-9,418	-0,015	0,294
CHR12	2458902	CHR12:2458902	SSF x Far_LoA	-9,014	-0,006	0,300
CHR12	2485674	CHR12:2485674	SSF x Far_LoA	-9,633	0,048	0,290
CHR12	2485693	CHR12:2485693	SSF x Far_LoA	-10,880	0,055	0,292
CHR12	2485714	CHR12:2485714	SSF x Far_LoA	-8,222	-0,002	0,302
CHR12	2485743	CHR12:2485743	SSF x Far_LoA	-9,372	0,068	0,297
CHR12	2485767	CHR12:2485767	SSF x Far_LoA	-10,418	0,011	0,301
CHR12	2486965	CHR12:2486965	SSF x Far_LoA	-8,128	-0,082	0,271
CHR12	2490137	CHR12:2490137	SSF x Far_LoA	-6,556	0,120	0,282
CHR12	2492111	CHR12:2492111	SSF x Far_LoA	-8,784	-0,042	0,291
CHR12	2526641	CHR12:2526641	SSF x Far_LoA	-9,656	0,027	0,291
CHR12	2527004	CHR12:2527004	SSF x Far_LoA	-9,506	0,118	0,293
CHR12	2536526	CHR12:2536526	SSF x Far_LoA	-7,318	0,131	0,271
CHR12	2536551	CHR12:2536551	SSF x Far_LoA	-10,017	-0,102	0,286
CHR12	2536572	CHR12:2536572	SSF x Far_LoA	-10,108	-0,100	0,299
CHR12	2536615	CHR12:2536615	SSF x Far_LoA	-8,911	-0,100	0,286
CHR12	2536645	CHR12:2536645	SSF x Far_LoA	-7,422	-0,114	0,301
CHR12	2536647	CHR12:2536647	SSF x Far_LoA	-8,290	0,100	0,272
CHR12	2536712	CHR12:2536712	SSF x Far_LoA	-7,328	-0,172	0,285
CHR12	2536725	CHR12:2536725	SSF x Far_LoA	-4,538	-0,194	0,284
CHR12	2536825	CHR12:2536825	SSF x Far_LoA	-10,978	-0,079	0,288
CHR12	2556902	CHR12:2556902	SSF x Far_LoA	-10,070	0,028	0,285
CHR12	2557437	CHR12:2557437	SSF x Far_LoA	-8,138	0,032	0,289
CHR12	2585061	CHR12:2585061	SSF x Far_LoA	-9,221	0,008	0,300
CHR12	2585165	CHR12:2585165	SSF x Far_LoA	-9,233	0,041	0,290
CHR12	2585213	CHR12:2585213	SSF x Far_LoA	-9,332	-0,031	0,302
CHR12	2585273	CHR12:2585273	SSF x Far_LoA	-10,203	0,137	0,280
CHR12	2591712	CHR12:2591712	SSF x Far_LoA	-5,249	0,059	0,292
CHR12	2591985	CHR12:2591985	SSF x Far_LoA	-8,048	-0,011	0,306
CHR12	2591996	CHR12:2591996	SSF x Far_LoA	-8,672	-0,095	0,287
CHR12	2592032	CHR12:2592032	SSF x Far_LoA	-8,983	0,045	0,299
CHR12	2607530	CHR12:2607530	SSF x Far_LoA	-11,397	0,045	0,291
CHR12	2607534	CHR12:2607534	SSF x Far_LoA	-10,696	-0,107	0,281
CHR12	2607675	CHR12:2607675	SSF x Far_LoA	-5,978	0,010	0,304

CHR12	2607695	CHR12:2607695	SSF x Far_LoA	-8,872	0,012	0,296
CHR12	2607735	CHR12:2607735	SSF x Far_LoA	-9,616	0,115	0,295
CHR12	2609747	CHR12:2609747	SSF x Far_LoA	-11,203	-0,015	0,283
CHR12	2609810	CHR12:2609810	SSF x Far_LoA	-8,786	0,092	0,294
CHR12	2611374	CHR12:2611374	SSF x Far_LoA	-10,757	-0,073	0,289
CHR12	2611453	CHR12:2611453	SSF x Far_LoA	-6,308	-0,211	0,269
CHR12	2611483	CHR12:2611483	SSF x Far_LoA	-3,968	-0,215	0,280
CHR12	2614749	CHR12:2614749	SSF x Far_LoA	-9,311	-0,048	0,292
CHR12	2614752	CHR12:2614752	SSF x Far_LoA	-8,549	0,006	0,305
CHR12	2614874	CHR12:2614874	SSF x Far_LoA	-9,531	0,029	0,283
CHR12	2614976	CHR12:2614976	SSF x Far_LoA	-12,308	-0,005	0,278
CHR12	2621094	CHR12:2621094	SSF x Far_LoA	-11,113	-0,082	0,302
CHR12	2624825	CHR12:2624825	SSF x Far_LoA	-11,314	0,093	0,288
CHR12	2650252	CHR12:2650252	SSF x Far_LoA	-10,409	0,099	0,295
CHR12	2686687	CHR12:2686687	SSF x Far_LoA	-8,956	-0,041	0,280
CHR12	2686703	CHR12:2686703	SSF x Far_LoA	-8,150	-0,098	0,303
CHR12	2697723	CHR12:2697723	SSF x Far_LoA	-6,362	-0,163	0,281
CHR12	2697763	CHR12:2697763	SSF x Far_LoA	-7,697	-0,138	0,284
CHR12	2702998	CHR12:2702998	SSF x Far_LoA	-9,545	-0,086	0,283
CHR12	2726144	CHR12:2726144	SSF x Far_LoA	-8,380	0,013	0,290
CHR12	2729291	CHR12:2729291	SSF x Far_LoA	-6,172	0,249	0,267
CHR12	2729319	CHR12:2729319	SSF x Far_LoA	-8,603	-0,084	0,300
CHR12	2736110	CHR12:2736110	SSF x Far_LoA	21,623	0,108	0,292
CHR12	2762011	CHR12:2762011	SSF x Far_LoA	-11,151	-0,016	0,271
CHR12	2772844	CHR12:2772844	SSF x Far_LoA	-10,939	-0,053	0,280
CHR12	2772914	CHR12:2772914	SSF x Far_LoA	-9,422	-0,046	0,286
CHR12	2773127	CHR12:2773127	SSF x Far_LoA	-10,618	-0,027	0,301
CHR12	2792993	CHR12:2792993	SSF x Far_LoA	-8,423	-0,026	0,308
CHR12	2793482	CHR12:2793482	SSF x Far_LoA	-11,027	-0,027	0,291
CHR12	2793491	CHR12:2793491	SSF x Far_LoA	-10,265	-0,068	0,293
CHR12	2814051	CHR12:2814051	SSF x Far_LoA	-9,247	-0,010	0,297
CHR12	2814093	CHR12:2814093	SSF x Far_LoA	-10,157	0,137	0,294
CHR12	2814184	CHR12:2814184	SSF x Far_LoA	-11,500	-0,041	0,291
CHR12	2814445	CHR12:2814445	SSF x Far_LoA	0,007	0,049	0,290
CHR12	2814447	CHR12:2814447	SSF x Far_LoA	-9,744	0,054	0,293
CHR12	2815458	CHR12:2815458	SSF x Far_LoA	-9,469	-0,027	0,292
CHR12	2815472	CHR12:2815472	SSF x Far_LoA	-5,024	-0,046	0,304
CHR12	2827757	CHR12:2827757	SSF x Far_LoA	-9,662	0,119	0,287
CHR12	2827760	CHR12:2827760	SSF x Far_LoA	-8,847	0,016	0,285
CHR12	2827764	CHR12:2827764	SSF x Far_LoA	-8,531	0,034	0,285
CHR12	2827767	CHR12:2827767	SSF x Far_LoA	-7,799	0,029	0,307
CHR12	2827779	CHR12:2827779	SSF x Far_LoA	-10,171	0,054	0,270
CHR12	2827798	CHR12:2827798	SSF x Far_LoA	-9,312	0,019	0,289
CHR12	2831121	CHR12:2831121	SSF x Far_LoA	-9,542	0,039	0,304
CHR12	2831129	CHR12:2831129	SSF x Far_LoA	-10,828	0,017	0,295
CHR12	2839038	CHR12:2839038	SSF x Far_LoA	-4,408	0,110	0,291
CHR12	2839090	CHR12:2839090	SSF x Far_LoA	-8,972	-0,041	0,278
CHR12	2839096	CHR12:2839096	SSF x Far_LoA	-9,865	-0,121	0,290
CHR12	2839109	CHR12:2839109	SSF x Far_LoA	-10,413	-0,063	0,283
CHR12	2839144	CHR12:2839144	SSF x Far_LoA	-9,027	0,088	0,283
CHR12	2840258	CHR12:2840258	SSF x Far_LoA	-10,942	-0,038	0,300
CHR12	2840289	CHR12:2840289	SSF x Far_LoA	-8,308	0,060	0,292
CHR12	2840302	CHR12:2840302	SSF x Far_LoA	-9,939	-0,079	0,280

CHR12	2868157	CHR12:2868157	SSF x Far_LoA	-7,226	-0,091	0,288
CHR12	2868207	CHR12:2868207	SSF x Far_LoA	-10,020	-0,058	0,286
CHR12	2891987	CHR12:2891987	SSF x Far_LoA	-13,148	-0,002	0,282
CHR12	2892071	CHR12:2892071	SSF x Far_LoA	2,012	0,049	0,296
CHR12	2913781	CHR12:2913781	SSF x Far_LoA	5,910	0,287	0,261
CHR12	2913811	CHR12:2913811	SSF x Far_LoA	-10,441	0,119	0,288
CHR12	2923554	CHR12:2923554	SSF x Far_LoA	-10,510	0,112	0,292
CHR12	2930074	CHR12:2930074	SSF x Far_LoA	-9,360	-0,094	0,289
CHR12	2930099	CHR12:2930099	SSF x Far_LoA	-8,446	0,162	0,287
CHR12	2931498	CHR12:2931498	SSF x Far_LoA	-11,745	0,000	0,284
CHR12	2944445	CHR12:2944445	SSF x Far_LoA	-11,326	-0,024	0,280
CHR12	2944500	CHR12:2944500	SSF x Far_LoA	-10,567	-0,006	0,287
CHR12	2944591	CHR12:2944591	SSF x Far_LoA	-9,587	-0,041	0,295
CHR12	2944620	CHR12:2944620	SSF x Far_LoA	-7,004	-0,181	0,280
CHR12	2944643	CHR12:2944643	SSF x Far_LoA	-9,571	-0,007	0,280
CHR12	2965859	CHR12:2965859	SSF x Far_LoA	-7,681	-0,148	0,270
CHR12	2965870	CHR12:2965870	SSF x Far_LoA	-10,068	0,102	0,283
CHR12	2965877	CHR12:2965877	SSF x Far_LoA	-6,620	-0,134	0,286
CHR12	2965884	CHR12:2965884	SSF x Far_LoA	-3,638	0,148	0,275
CHR12	2965896	CHR12:2965896	SSF x Far_LoA	-10,404	-0,098	0,290
CHR12	2965898	CHR12:2965898	SSF x Far_LoA	-7,757	-0,097	0,285
CHR12	2965935	CHR12:2965935	SSF x Far_LoA	-1,857	0,152	0,274
CHR12	2965954	CHR12:2965954	SSF x Far_LoA	-10,357	-0,114	0,282
CHR12	2966705	CHR12:2966705	SSF x Far_LoA	-6,899	-0,187	0,271
CHR12	2966728	CHR12:2966728	SSF x Far_LoA	-9,673	-0,073	0,307
CHR12	2966785	CHR12:2966785	SSF x Far_LoA	-7,684	-0,122	0,285
CHR12	2966891	CHR12:2966891	SSF x Far_LoA	-9,415	0,036	0,291
CHR12	2978111	CHR12:2978111	SSF x Far_LoA	-9,956	0,106	0,267
CHR12	2993027	CHR12:2993027	SSF x Far_LoA	-10,876	-0,011	0,291
CHR12	2993171	CHR12:2993171	SSF x Far_LoA	-11,146	-0,104	0,282
CHR12	2996726	CHR12:2996726	SSF x Far_LoA	-12,057	0,025	0,290
CHR12	2996744	CHR12:2996744	SSF x Far_LoA	-8,562	-0,077	0,294
CHR12	2996873	CHR12:2996873	SSF x Far_LoA	-1,971	-0,019	0,296
CHR12	2996945	CHR12:2996945	SSF x Far_LoA	-8,935	-0,043	0,282
CHR12	3004198	CHR12:3004198	SSF x Far_LoA	-10,193	-0,104	0,284
CHR12	3019437	CHR12:3019437	SSF x Far_LoA	-11,291	-0,013	0,281
CHR12	3019449	CHR12:3019449	SSF x Far_LoA	-10,707	-0,019	0,292
CHR12	3019465	CHR12:3019465	SSF x Far_LoA	-11,180	-0,033	0,271
CHR12	3019503	CHR12:3019503	SSF x Far_LoA	-7,849	0,107	0,297
CHR12	3019513	CHR12:3019513	SSF x Far_LoA	-7,433	-0,003	0,286
CHR12	3031306	CHR12:3031306	SSF x Far_LoA	-9,014	0,011	0,297
CHR12	3031373	CHR12:3031373	SSF x Far_LoA	-10,973	-0,047	0,278
CHR12	3031380	CHR12:3031380	SSF x Far_LoA	-10,373	-0,027	0,287
CHR12	3031387	CHR12:3031387	SSF x Far_LoA	-10,885	-0,053	0,291
CHR12	3031410	CHR12:3031410	SSF x Far_LoA	-3,270	0,153	0,283
CHR12	3031514	CHR12:3031514	SSF x Far_LoA	-10,777	-0,057	0,292
CHR12	3040844	CHR12:3040844	SSF x Far_LoA	-7,706	0,144	0,282
CHR12	3040845	CHR12:3040845	SSF x Far_LoA	-7,508	0,103	0,288
CHR12	3040940	CHR12:3040940	SSF x Far_LoA	-8,248	0,023	0,299
CHR12	3048796	CHR12:3048796	SSF x Far_LoA	-9,371	0,081	0,274
CHR12	3048806	CHR12:3048806	SSF x Far_LoA	-9,335	0,026	0,269
CHR12	3048822	CHR12:3048822	SSF x Far_LoA	-6,762	-0,130	0,271
CHR12	3048879	CHR12:3048879	SSF x Far_LoA	-11,260	0,011	0,277

CHR12	3055822	CHR12:3055822	SSF x Far_LoA	-9,124	-0,111	0,286
CHR12	3055825	CHR12:3055825	SSF x Far_LoA	1,116	0,088	0,290
CHR12	3055829	CHR12:3055829	SSF x Far_LoA	-11,065	-0,001	0,299
CHR12	3055843	CHR12:3055843	SSF x Far_LoA	-10,514	0,061	0,295
CHR12	3055907	CHR12:3055907	SSF x Far_LoA	-10,665	-0,015	0,283
CHR12	3062576	CHR12:3062576	SSF x Far_LoA	-11,998	-0,059	0,286
CHR12	3064360	CHR12:3064360	SSF x Far_LoA	-7,476	0,122	0,292
CHR12	3064405	CHR12:3064405	SSF x Far_LoA	-7,173	-0,164	0,287
CHR12	3064434	CHR12:3064434	SSF x Far_LoA	-9,648	0,009	0,304
CHR12	3064449	CHR12:3064449	SSF x Far_LoA	-9,643	0,079	0,292
CHR12	3064450	CHR12:3064450	SSF x Far_LoA	-9,424	0,100	0,298
CHR12	3066982	CHR12:3066982	SSF x Far_LoA	-11,157	-0,067	0,281
CHR12	3080299	CHR12:3080299	SSF x Far_LoA	-10,694	0,126	0,292
CHR12	3080362	CHR12:3080362	SSF x Far_LoA	-10,843	0,110	0,287
CHR12	3117989	CHR12:3117989	SSF x Far_LoA	-10,148	0,011	0,297
CHR12	3118099	CHR12:3118099	SSF x Far_LoA	-7,919	-0,173	0,302
CHR12	3141274	CHR12:3141274	SSF x Far_LoA	-10,988	-0,043	0,282
CHR12	3141397	CHR12:3141397	SSF x Far_LoA	-8,557	-0,045	0,285
CHR12	3175064	CHR12:3175064	SSF x Far_LoA	-9,864	0,012	0,300
CHR12	3185127	CHR12:3185127	SSF x Far_LoA	-9,371	0,001	0,275
CHR12	3193698	CHR12:3193698	SSF x Far_LoA	-11,012	0,025	0,297
CHR12	3238939	CHR12:3238939	SSF x Far_LoA	-7,856	-0,172	0,273
CHR12	3243081	CHR12:3243081	SSF x Far_LoA	-9,721	0,091	0,286
CHR12	3250376	CHR12:3250376	SSF x Far_LoA	-8,631	0,099	0,285
CHR12	3268896	CHR12:3268896	SSF x Far_LoA	-10,027	-0,011	0,269
CHR12	3269150	CHR12:3269150	SSF x Far_LoA	-12,277	0,079	0,283
CHR12	3299170	CHR12:3299170	SSF x Far_LoA	-11,170	0,010	0,291
CHR12	3299171	CHR12:3299171	SSF x Far_LoA	-8,316	-0,149	0,290
CHR12	3307177	CHR12:3307177	SSF x Far_LoA	-8,468	0,065	0,297
CHR12	3307347	CHR12:3307347	SSF x Far_LoA	-9,584	-0,075	0,295
CHR12	3315013	CHR12:3315013	SSF x Far_LoA	-3,091	-0,119	0,299
CHR12	3316117	CHR12:3316117	SSF x Far_LoA	-9,608	-0,024	0,287
CHR12	3319929	CHR12:3319929	SSF x Far_LoA	-11,331	0,071	0,294
CHR12	3327967	CHR12:3327967	SSF x Far_LoA	-8,557	0,023	0,282
CHR12	3343424	CHR12:3343424	SSF x Far_LoA	-10,384	-0,042	0,290
CHR12	3343564	CHR12:3343564	SSF x Far_LoA	-8,545	0,148	0,280
CHR12	3343577	CHR12:3343577	SSF x Far_LoA	-7,333	0,094	0,283
CHR12	3343631	CHR12:3343631	SSF x Far_LoA	-10,800	-0,084	0,300
CHR12	3356296	CHR12:3356296	SSF x Far_LoA	-9,249	-0,090	0,293
CHR12	3356330	CHR12:3356330	SSF x Far_LoA	-8,399	-0,060	0,272
CHR12	3357883	CHR12:3357883	SSF x Far_LoA	-6,787	-0,065	0,287
CHR12	3357964	CHR12:3357964	SSF x Far_LoA	-9,928	-0,019	0,289
CHR12	3360627	CHR12:3360627	SSF x Far_LoA	-8,779	-0,040	0,294
CHR12	3360668	CHR12:3360668	SSF x Far_LoA	-10,364	0,015	0,294
CHR12	3360673	CHR12:3360673	SSF x Far_LoA	-7,173	0,079	0,289
CHR12	3361584	CHR12:3361584	SSF x Far_LoA	-8,574	0,024	0,313
CHR12	3361615	CHR12:3361615	SSF x Far_LoA	-9,566	-0,026	0,296
CHR12	3361625	CHR12:3361625	SSF x Far_LoA	-9,144	0,006	0,291
CHR12	3361640	CHR12:3361640	SSF x Far_LoA	-9,121	0,031	0,297
CHR12	3388747	CHR12:3388747	SSF x Far_LoA	-11,604	-0,056	0,291
CHR12	3388757	CHR12:3388757	SSF x Far_LoA	-10,397	0,073	0,281
CHR12	3394287	CHR12:3394287	SSF x Far_LoA	-10,639	-0,082	0,303
CHR12	3394301	CHR12:3394301	SSF x Far_LoA	-9,435	-0,052	0,293

CHR12	3394362	CHR12:3394362	SSF x Far_LoA	-11,320	0,035	0,287
CHR12	3394386	CHR12:3394386	SSF x Far_LoA	-8,039	-0,028	0,301
CHR12	3394388	CHR12:3394388	SSF x Far_LoA	-10,470	0,065	0,289
CHR12	3394440	CHR12:3394440	SSF x Far_LoA	-9,274	-0,011	0,292
CHR12	3394451	CHR12:3394451	SSF x Far_LoA	-7,070	0,092	0,284
CHR12	3394452	CHR12:3394452	SSF x Far_LoA	-9,265	-0,091	0,291
CHR12	3403363	CHR12:3403363	SSF x Far_LoA	-7,536	0,053	0,282
CHR12	3410866	CHR12:3410866	SSF x Far_LoA	-9,891	-0,078	0,284
CHR12	3414158	CHR12:3414158	SSF x Far_LoA	-9,874	0,074	0,286
CHR12	3414361	CHR12:3414361	SSF x Far_LoA	-10,790	0,015	0,296
CHR12	3414384	CHR12:3414384	SSF x Far_LoA	-11,866	-0,023	0,272
CHR12	3417537	CHR12:3417537	SSF x Far_LoA	-9,860	0,073	0,279
CHR12	3417599	CHR12:3417599	SSF x Far_LoA	-9,362	0,004	0,275
CHR12	3417670	CHR12:3417670	SSF x Far_LoA	-10,578	-0,057	0,293
CHR12	3427877	CHR12:3427877	SSF x Far_LoA	-7,306	0,006	0,302
CHR12	3427901	CHR12:3427901	SSF x Far_LoA	-11,619	0,027	0,291
CHR12	3427921	CHR12:3427921	SSF x Far_LoA	-8,717	0,042	0,286
CHR12	3427928	CHR12:3427928	SSF x Far_LoA	-8,186	-0,041	0,291
CHR12	3428027	CHR12:3428027	SSF x Far_LoA	-9,777	-0,005	0,290
CHR12	3428056	CHR12:3428056	SSF x Far_LoA	-10,663	0,080	0,280
CHR12	3429999	CHR12:3429999	SSF x Far_LoA	-8,822	0,050	0,297
CHR12	3430007	CHR12:3430007	SSF x Far_LoA	-10,196	0,040	0,285
CHR12	3430009	CHR12:3430009	SSF x Far_LoA	-11,186	0,007	0,283
CHR12	3430102	CHR12:3430102	SSF x Far_LoA	-10,873	-0,027	0,285
CHR12	3430113	CHR12:3430113	SSF x Far_LoA	-7,458	-0,022	0,284
CHR12	3430114	CHR12:3430114	SSF x Far_LoA	-9,943	-0,032	0,292
CHR12	3430118	CHR12:3430118	SSF x Far_LoA	-8,639	0,110	0,269
CHR12	3437847	CHR12:3437847	SSF x Far_LoA	-5,633	-0,189	0,279
CHR12	3437982	CHR12:3437982	SSF x Far_LoA	-10,936	0,082	0,281
CHR12	3438264	CHR12:3438264	SSF x Far_LoA	-7,753	0,164	0,299
CHR12	3446167	CHR12:3446167	SSF x Far_LoA	-8,993	-0,007	0,294
CHR12	3446218	CHR12:3446218	SSF x Far_LoA	-8,250	0,022	0,290
CHR12	3446238	CHR12:3446238	SSF x Far_LoA	-8,572	0,019	0,296
CHR12	3474334	CHR12:3474334	SSF x Far_LoA	-8,449	0,079	0,304
CHR12	3474599	CHR12:3474599	SSF x Far_LoA	-11,379	0,017	0,295
CHR12	3474618	CHR12:3474618	SSF x Far_LoA	-12,066	0,022	0,292
CHR12	3488280	CHR12:3488280	SSF x Far_LoA	-6,281	-0,006	0,298
CHR12	3488284	CHR12:3488284	SSF x Far_LoA	-7,450	-0,037	0,300
CHR12	3488347	CHR12:3488347	SSF x Far_LoA	-11,309	0,128	0,275
CHR12	3489701	CHR12:3489701	SSF x Far_LoA	-9,541	-0,037	0,310
CHR12	3493793	CHR12:3493793	SSF x Far_LoA	-7,842	0,028	0,288
CHR12	3493973	CHR12:3493973	SSF x Far_LoA	-7,727	-0,062	0,277
CHR12	3494041	CHR12:3494041	SSF x Far_LoA	-7,969	0,100	0,303
CHR12	350693	CHR12:350693	SSF x Far_LoA	-10,997	-0,116	0,286
CHR12	3509709	CHR12:3509709	SSF x Far_LoA	-8,275	0,094	0,303
CHR12	3509711	CHR12:3509711	SSF x Far_LoA	-7,726	0,042	0,290
CHR12	3509779	CHR12:3509779	SSF x Far_LoA	-8,930	0,031	0,293
CHR12	3515658	CHR12:3515658	SSF x Far_LoA	-10,483	-0,040	0,309
CHR12	3515755	CHR12:3515755	SSF x Far_LoA	-7,833	-0,049	0,289
CHR12	3532335	CHR12:3532335	SSF x Far_LoA	-9,431	0,007	0,302
CHR12	3537142	CHR12:3537142	SSF x Far_LoA	-9,097	0,083	0,293
CHR12	3537212	CHR12:3537212	SSF x Far_LoA	-9,449	-0,007	0,293
CHR12	3537223	CHR12:3537223	SSF x Far_LoA	-8,639	-0,146	0,287

CHR12	3576336	CHR12:3576336	SSF x Far_LoA	-8,161	0,071	0,310
CHR12	3578943	CHR12:3578943	SSF x Far_LoA	-4,548	-0,019	0,301
CHR12	3578974	CHR12:3578974	SSF x Far_LoA	-6,474	0,031	0,309
CHR12	3579023	CHR12:3579023	SSF x Far_LoA	-8,904	0,066	0,299
CHR12	3579063	CHR12:3579063	SSF x Far_LoA	-8,441	0,065	0,294
CHR12	3579107	CHR12:3579107	SSF x Far_LoA	-10,524	-0,005	0,293
CHR12	3579113	CHR12:3579113	SSF x Far_LoA	-11,102	0,072	0,295
CHR12	3579125	CHR12:3579125	SSF x Far_LoA	-9,316	0,054	0,304
CHR12	3579152	CHR12:3579152	SSF x Far_LoA	-7,066	0,043	0,277
CHR12	3582051	CHR12:3582051	SSF x Far_LoA	-10,122	0,069	0,292
CHR12	3582052	CHR12:3582052	SSF x Far_LoA	-10,214	0,053	0,281
CHR12	3590008	CHR12:3590008	SSF x Far_LoA	-8,627	0,003	0,306
CHR12	3597103	CHR12:3597103	SSF x Far_LoA	-9,703	-0,090	0,295
CHR12	360047	CHR12:360047	SSF x Far_LoA	-9,375	-0,089	0,292
CHR12	3652761	CHR12:3652761	SSF x Far_LoA	-5,942	-0,024	0,307
CHR12	3730654	CHR12:3730654	SSF x Far_LoA	-10,039	0,099	0,291
CHR12	3730706	CHR12:3730706	SSF x Far_LoA	-2,165	-0,083	0,292
CHR12	3734053	CHR12:3734053	SSF x Far_LoA	-11,139	-0,008	0,290
CHR12	3734058	CHR12:3734058	SSF x Far_LoA	-9,714	0,047	0,264
CHR12	3734070	CHR12:3734070	SSF x Far_LoA	-10,567	-0,018	0,288
CHR12	3734086	CHR12:3734086	SSF x Far_LoA	-5,062	-0,184	0,287
CHR12	3734121	CHR12:3734121	SSF x Far_LoA	-4,938	0,118	0,277
CHR12	3734146	CHR12:3734146	SSF x Far_LoA	-8,277	0,084	0,279
CHR12	3734153	CHR12:3734153	SSF x Far_LoA	-8,685	0,015	0,292
CHR12	3737374	CHR12:3737374	SSF x Far_LoA	-5,616	0,177	0,288
CHR12	3737465	CHR12:3737465	SSF x Far_LoA	-8,257	-0,043	0,272
CHR12	3737574	CHR12:3737574	SSF x Far_LoA	-9,771	-0,105	0,274
CHR12	3737632	CHR12:3737632	SSF x Far_LoA	-8,786	0,023	0,295
CHR12	3737656	CHR12:3737656	SSF x Far_LoA	-5,125	0,101	0,288
CHR12	3749799	CHR12:3749799	SSF x Far_LoA	-11,246	0,078	0,290
CHR12	3751983	CHR12:3751983	SSF x Far_LoA	-9,649	-0,082	0,283
CHR12	3762503	CHR12:3762503	SSF x Far_LoA	-10,276	0,096	0,296
CHR12	3762650	CHR12:3762650	SSF x Far_LoA	-4,427	0,232	0,291
CHR12	3762808	CHR12:3762808	SSF x Far_LoA	-10,541	0,101	0,289
CHR12	3762823	CHR12:3762823	SSF x Far_LoA	-10,229	0,018	0,313
CHR12	3802304	CHR12:3802304	SSF x Far_LoA	-7,166	0,105	0,291
CHR12	3802393	CHR12:3802393	SSF x Far_LoA	-9,299	-0,120	0,300
CHR12	3802395	CHR12:3802395	SSF x Far_LoA	-9,105	0,042	0,291
CHR12	3802474	CHR12:3802474	SSF x Far_LoA	-11,552	-0,088	0,277
CHR12	3802750	CHR12:3802750	SSF x Far_LoA	-8,882	-0,071	0,290
CHR12	3802773	CHR12:3802773	SSF x Far_LoA	-6,811	0,132	0,295
CHR12	3802774	CHR12:3802774	SSF x Far_LoA	-7,708	0,090	0,285
CHR12	3814551	CHR12:3814551	SSF x Far_LoA	-8,258	-0,107	0,289
CHR12	3814653	CHR12:3814653	SSF x Far_LoA	-11,483	-0,019	0,292
CHR12	3814686	CHR12:3814686	SSF x Far_LoA	-9,257	-0,106	0,294
CHR12	3826136	CHR12:3826136	SSF x Far_LoA	-11,020	0,088	0,289
CHR12	3826366	CHR12:3826366	SSF x Far_LoA	-8,841	-0,004	0,287
CHR12	3849043	CHR12:3849043	SSF x Far_LoA	-9,898	-0,012	0,307
CHR12	3849133	CHR12:3849133	SSF x Far_LoA	-9,976	0,108	0,282
CHR12	3861417	CHR12:3861417	SSF x Far_LoA	-10,846	0,071	0,307
CHR12	3861466	CHR12:3861466	SSF x Far_LoA	-8,823	-0,005	0,269
CHR12	3861557	CHR12:3861557	SSF x Far_LoA	-9,629	-0,064	0,294
CHR12	3861702	CHR12:3861702	SSF x Far_LoA	-8,037	0,125	0,283

CHR12	3861709	CHR12:3861709	SSF x Far_LoA	-9,674	-0,086	0,297
CHR12	3879291	CHR12:3879291	SSF x Far_LoA	-7,577	-0,085	0,266
CHR12	3917042	CHR12:3917042	SSF x Far_LoA	-7,418	0,160	0,285
CHR12	3918435	CHR12:3918435	SSF x Far_LoA	-8,499	0,069	0,295
CHR12	3919832	CHR12:3919832	SSF x Far_LoA	-5,926	0,126	0,298
CHR12	3919838	CHR12:3919838	SSF x Far_LoA	-8,227	0,147	0,282
CHR12	3919848	CHR12:3919848	SSF x Far_LoA	-10,533	-0,105	0,273
CHR12	3920007	CHR12:3920007	SSF x Far_LoA	-10,763	0,039	0,306
CHR12	3921829	CHR12:3921829	SSF x Far_LoA	-11,556	-0,026	0,286
CHR12	3926792	CHR12:3926792	SSF x Far_LoA	-9,877	0,003	0,311
CHR12	3926872	CHR12:3926872	SSF x Far_LoA	-4,573	-0,113	0,308
CHR12	3926886	CHR12:3926886	SSF x Far_LoA	-7,670	0,060	0,282
CHR12	3926924	CHR12:3926924	SSF x Far_LoA	-9,822	0,082	0,292
CHR12	3926927	CHR12:3926927	SSF x Far_LoA	-8,942	0,062	0,283
CHR12	3926993	CHR12:3926993	SSF x Far_LoA	-10,245	0,033	0,290
CHR12	3927062	CHR12:3927062	SSF x Far_LoA	-9,929	0,005	0,288
CHR12	3927126	CHR12:3927126	SSF x Far_LoA	-10,240	0,082	0,283
CHR12	3932370	CHR12:3932370	SSF x Far_LoA	-11,770	-0,051	0,282
CHR12	3987508	CHR12:3987508	SSF x Far_LoA	-8,307	-0,030	0,294
CHR12	3987551	CHR12:3987551	SSF x Far_LoA	-9,865	-0,078	0,299
CHR12	3992954	CHR12:3992954	SSF x Far_LoA	-10,163	0,092	0,287
CHR12	3993015	CHR12:3993015	SSF x Far_LoA	-8,709	0,028	0,311
CHR12	3993096	CHR12:3993096	SSF x Far_LoA	-9,449	-0,117	0,296
CHR12	4010968	CHR12:4010968	SSF x Far_LoA	-8,836	-0,098	0,281
CHR12	4012713	CHR12:4012713	SSF x Far_LoA	-6,953	-0,209	0,286
CHR12	4012801	CHR12:4012801	SSF x Far_LoA	-9,158	-0,017	0,292
CHR12	4012815	CHR12:4012815	SSF x Far_LoA	-7,533	-0,092	0,290
CHR12	4012842	CHR12:4012842	SSF x Far_LoA	-8,533	-0,104	0,269
CHR12	4012918	CHR12:4012918	SSF x Far_LoA	-9,552	0,080	0,281
CHR12	4012920	CHR12:4012920	SSF x Far_LoA	-11,504	0,003	0,286
CHR12	4012953	CHR12:4012953	SSF x Far_LoA	-9,573	-0,010	0,285
CHR12	4012959	CHR12:4012959	SSF x Far_LoA	-11,205	-0,023	0,293
CHR12	4012968	CHR12:4012968	SSF x Far_LoA	-8,559	-0,042	0,289
CHR12	4013045	CHR12:4013045	SSF x Far_LoA	-7,654	-0,061	0,306
CHR12	4017056	CHR12:4017056	SSF x Far_LoA	-9,915	-0,108	0,280
CHR12	4035635	CHR12:4035635	SSF x Far_LoA	-8,843	0,012	0,279
CHR12	4063975	CHR12:4063975	SSF x Far_LoA	-11,594	-0,038	0,293
CHR12	4076555	CHR12:4076555	SSF x Far_LoA	-8,553	-0,177	0,278
CHR12	4076642	CHR12:4076642	SSF x Far_LoA	-8,367	-0,162	0,292
CHR12	4083574	CHR12:4083574	SSF x Far_LoA	-11,486	0,024	0,294
CHR12	4130350	CHR12:4130350	SSF x Far_LoA	-10,664	-0,064	0,298
CHR12	4130485	CHR12:4130485	SSF x Far_LoA	-11,130	-0,026	0,279
CHR12	4132331	CHR12:4132331	SSF x Far_LoA	-10,948	0,018	0,285
CHR12	4132450	CHR12:4132450	SSF x Far_LoA	-8,895	0,006	0,280
CHR12	4143740	CHR12:4143740	SSF x Far_LoA	-10,634	0,097	0,287
CHR12	4143897	CHR12:4143897	SSF x Far_LoA	-9,114	-0,024	0,290
CHR12	4143951	CHR12:4143951	SSF x Far_LoA	-10,637	0,006	0,292
CHR12	4190154	CHR12:4190154	SSF x Far_LoA	-11,137	-0,079	0,276
CHR12	4190220	CHR12:4190220	SSF x Far_LoA	-11,799	0,013	0,292
CHR12	4190235	CHR12:4190235	SSF x Far_LoA	-11,764	0,004	0,282
CHR12	4190255	CHR12:4190255	SSF x Far_LoA	-8,973	-0,035	0,274
CHR12	4191524	CHR12:4191524	SSF x Far_LoA	-10,563	0,047	0,290
CHR12	4217005	CHR12:4217005	SSF x Far_LoA	-10,211	0,033	0,285

CHR12	4217042	CHR12:4217042	SSF x Far_LoA	-6,933	-0,114	0,290
CHR12	4217055	CHR12:4217055	SSF x Far_LoA	-5,217	0,134	0,289
CHR12	4217078	CHR12:4217078	SSF x Far_LoA	-9,377	0,000	0,283
CHR12	4217155	CHR12:4217155	SSF x Far_LoA	-8,385	-0,050	0,285
CHR12	4237000	CHR12:4237000	SSF x Far_LoA	-6,321	-0,124	0,278
CHR12	4237024	CHR12:4237024	SSF x Far_LoA	-11,176	-0,070	0,292
CHR12	4249150	CHR12:4249150	SSF x Far_LoA	-11,623	0,006	0,286
CHR12	4249264	CHR12:4249264	SSF x Far_LoA	-10,465	-0,077	0,297
CHR12	4249267	CHR12:4249267	SSF x Far_LoA	-7,468	0,036	0,302
CHR12	4249354	CHR12:4249354	SSF x Far_LoA	-2,148	0,058	0,286
CHR12	4249444	CHR12:4249444	SSF x Far_LoA	-8,849	0,030	0,303
CHR12	4253462	CHR12:4253462	SSF x Far_LoA	-11,183	0,062	0,274
CHR12	4253711	CHR12:4253711	SSF x Far_LoA	-10,953	0,020	0,292
CHR12	4273796	CHR12:4273796	SSF x Far_LoA	-11,003	0,022	0,299
CHR12	4302715	CHR12:4302715	SSF x Far_LoA	-10,818	0,045	0,302
CHR12	4321049	CHR12:4321049	SSF x Far_LoA	-11,457	-0,031	0,297
CHR12	4321092	CHR12:4321092	SSF x Far_LoA	-7,671	-0,089	0,288
CHR12	4322449	CHR12:4322449	SSF x Far_LoA	-8,420	0,086	0,295
CHR12	4322559	CHR12:4322559	SSF x Far_LoA	-5,066	0,125	0,286
CHR12	4333069	CHR12:4333069	SSF x Far_LoA	-11,053	0,051	0,290
CHR12	4333375	CHR12:4333375	SSF x Far_LoA	-11,350	0,010	0,298
CHR12	4346265	CHR12:4346265	SSF x Far_LoA	-10,236	0,091	0,283
CHR12	4346280	CHR12:4346280	SSF x Far_LoA	-11,458	0,023	0,281
CHR12	4346306	CHR12:4346306	SSF x Far_LoA	-11,566	-0,032	0,297
CHR12	4346347	CHR12:4346347	SSF x Far_LoA	-8,245	0,140	0,298
CHR12	4346379	CHR12:4346379	SSF x Far_LoA	-10,099	0,047	0,284
CHR12	435200	CHR12:435200	SSF x Far_LoA	-11,496	0,063	0,287
CHR12	435451	CHR12:435451	SSF x Far_LoA	-9,394	0,089	0,298
CHR12	4363260	CHR12:4363260	SSF x Far_LoA	-9,201	-0,001	0,292
CHR12	4379228	CHR12:4379228	SSF x Far_LoA	-9,540	-0,020	0,285
CHR12	4380739	CHR12:4380739	SSF x Far_LoA	-11,182	-0,006	0,293
CHR12	4413467	CHR12:4413467	SSF x Far_LoA	-9,567	-0,040	0,298
CHR12	4413611	CHR12:4413611	SSF x Far_LoA	-1,997	-0,070	0,296
CHR12	4426279	CHR12:4426279	SSF x Far_LoA	-12,033	-0,022	0,286
CHR12	4426311	CHR12:4426311	SSF x Far_LoA	-12,141	-0,036	0,296
CHR12	4426438	CHR12:4426438	SSF x Far_LoA	-7,703	0,021	0,306
CHR12	4426461	CHR12:4426461	SSF x Far_LoA	-10,470	0,072	0,294
CHR12	4429642	CHR12:4429642	SSF x Far_LoA	-10,178	-0,143	0,298
CHR12	4438188	CHR12:4438188	SSF x Far_LoA	-11,739	-0,089	0,285
CHR12	4438318	CHR12:4438318	SSF x Far_LoA	-9,829	-0,054	0,303
CHR12	4452250	CHR12:4452250	SSF x Far_LoA	-9,357	-0,001	0,281
CHR12	4452329	CHR12:4452329	SSF x Far_LoA	-4,335	0,057	0,289
CHR12	4452368	CHR12:4452368	SSF x Far_LoA	-5,199	-0,103	0,278
CHR12	4452397	CHR12:4452397	SSF x Far_LoA	-8,805	0,012	0,292
CHR12	4475439	CHR12:4475439	SSF x Far_LoA	-10,709	-0,007	0,286
CHR12	4475483	CHR12:4475483	SSF x Far_LoA	-10,267	0,000	0,297
CHR12	4475620	CHR12:4475620	SSF x Far_LoA	-8,223	-0,085	0,278
CHR12	4475642	CHR12:4475642	SSF x Far_LoA	-4,980	-0,111	0,292
CHR12	4484824	CHR12:4484824	SSF x Far_LoA	-9,239	0,081	0,284
CHR12	4493575	CHR12:4493575	SSF x Far_LoA	-11,677	0,058	0,287
CHR12	4493588	CHR12:4493588	SSF x Far_LoA	-10,196	-0,002	0,298
CHR12	4493592	CHR12:4493592	SSF x Far_LoA	-9,424	0,057	0,287
CHR12	4493614	CHR12:4493614	SSF x Far_LoA	-11,514	0,088	0,287

CHR12	4493658	CHR12:4493658	SSF x Far_LoA	-9,449	-0,017	0,304
CHR12	4507258	CHR12:4507258	SSF x Far_LoA	-10,886	-0,017	0,293
CHR12	4507294	CHR12:4507294	SSF x Far_LoA	-10,816	-0,036	0,288
CHR12	4507321	CHR12:4507321	SSF x Far_LoA	-8,706	-0,027	0,290
CHR12	4507322	CHR12:4507322	SSF x Far_LoA	-9,363	-0,082	0,289
CHR12	4507365	CHR12:4507365	SSF x Far_LoA	-10,737	0,056	0,288
CHR12	4507478	CHR12:4507478	SSF x Far_LoA	-12,418	-0,040	0,289
CHR12	4523407	CHR12:4523407	SSF x Far_LoA	-9,698	0,005	0,303
CHR12	4530520	CHR12:4530520	SSF x Far_LoA	-9,649	0,024	0,292
CHR12	4530941	CHR12:4530941	SSF x Far_LoA	-9,071	-0,047	0,299
CHR12	4557608	CHR12:4557608	SSF x Far_LoA	2,376	-0,008	0,295
CHR12	4557958	CHR12:4557958	SSF x Far_LoA	-10,312	0,031	0,304
CHR12	4563686	CHR12:4563686	SSF x Far_LoA	-10,936	-0,010	0,298
CHR12	4563761	CHR12:4563761	SSF x Far_LoA	-8,369	-0,063	0,299
CHR12	4568574	CHR12:4568574	SSF x Far_LoA	0,859	-0,057	0,285
CHR12	4568638	CHR12:4568638	SSF x Far_LoA	-10,890	0,043	0,294
CHR12	4577383	CHR12:4577383	SSF x Far_LoA	-8,137	0,145	0,294
CHR12	4577404	CHR12:4577404	SSF x Far_LoA	-7,065	0,174	0,294
CHR12	4577423	CHR12:4577423	SSF x Far_LoA	-8,628	0,062	0,297
CHR12	4577541	CHR12:4577541	SSF x Far_LoA	-8,290	-0,122	0,280
CHR12	4577594	CHR12:4577594	SSF x Far_LoA	-7,440	-0,187	0,265
CHR12	4577625	CHR12:4577625	SSF x Far_LoA	1,079	-0,184	0,291
CHR12	4581746	CHR12:4581746	SSF x Far_LoA	-8,541	0,014	0,292
CHR12	4581786	CHR12:4581786	SSF x Far_LoA	-10,217	0,038	0,290
CHR12	4584858	CHR12:4584858	SSF x Far_LoA	-10,663	0,036	0,292
CHR12	4584879	CHR12:4584879	SSF x Far_LoA	-10,131	-0,033	0,288
CHR12	4584934	CHR12:4584934	SSF x Far_LoA	-10,229	0,063	0,306
CHR12	4584937	CHR12:4584937	SSF x Far_LoA	-10,061	-0,001	0,290
CHR12	4584978	CHR12:4584978	SSF x Far_LoA	-9,151	-0,010	0,287
CHR12	4584993	CHR12:4584993	SSF x Far_LoA	-5,789	-0,099	0,291
CHR12	4584995	CHR12:4584995	SSF x Far_LoA	-7,790	-0,132	0,288
CHR12	4585140	CHR12:4585140	SSF x Far_LoA	-11,877	-0,044	0,279
CHR12	4585254	CHR12:4585254	SSF x Far_LoA	-8,997	-0,034	0,286
CHR12	459306	CHR12:459306	SSF x Far_LoA	-10,331	-0,096	0,290
CHR12	4600926	CHR12:4600926	SSF x Far_LoA	-5,388	-0,099	0,291
CHR12	4637506	CHR12:4637506	SSF x Far_LoA	-10,774	-0,085	0,283
CHR12	4639364	CHR12:4639364	SSF x Far_LoA	-9,512	-0,035	0,282
CHR12	4639380	CHR12:4639380	SSF x Far_LoA	-10,303	0,068	0,295
CHR12	4641741	CHR12:4641741	SSF x Far_LoA	-6,374	-0,115	0,287
CHR12	4641781	CHR12:4641781	SSF x Far_LoA	-7,843	-0,108	0,282
CHR12	4646765	CHR12:4646765	SSF x Far_LoA	-5,089	-0,042	0,284
CHR12	4646838	CHR12:4646838	SSF x Far_LoA	-8,915	-0,040	0,298
CHR12	4646850	CHR12:4646850	SSF x Far_LoA	-10,882	0,055	0,296
CHR12	4659182	CHR12:4659182	SSF x Far_LoA	-7,041	-0,118	0,295
CHR12	4659201	CHR12:4659201	SSF x Far_LoA	-8,603	-0,032	0,301
CHR12	4659222	CHR12:4659222	SSF x Far_LoA	-9,116	0,054	0,304
CHR12	4659226	CHR12:4659226	SSF x Far_LoA	-8,104	-0,106	0,294
CHR12	4659406	CHR12:4659406	SSF x Far_LoA	-11,421	0,056	0,287
CHR12	4660277	CHR12:4660277	SSF x Far_LoA	-0,977	0,141	0,290
CHR12	4682821	CHR12:4682821	SSF x Far_LoA	-10,121	0,033	0,286
CHR12	4682945	CHR12:4682945	SSF x Far_LoA	-8,005	0,072	0,286
CHR12	4689154	CHR12:4689154	SSF x Far_LoA	-10,064	-0,019	0,295
CHR12	4689158	CHR12:4689158	SSF x Far_LoA	-7,024	0,104	0,289

CHR12	4689221	CHR12:4689221	SSF x Far_LoA	-7,778	0,095	0,282
CHR12	4689264	CHR12:4689264	SSF x Far_LoA	-10,930	0,004	0,282
CHR12	4714236	CHR12:4714236	SSF x Far_LoA	-9,509	0,111	0,277
CHR12	4714327	CHR12:4714327	SSF x Far_LoA	-8,948	0,004	0,276
CHR12	4714369	CHR12:4714369	SSF x Far_LoA	-10,677	0,024	0,286
CHR12	4714422	CHR12:4714422	SSF x Far_LoA	-9,701	-0,020	0,292
CHR12	4730419	CHR12:4730419	SSF x Far_LoA	-9,269	-0,090	0,296
CHR12	4730457	CHR12:4730457	SSF x Far_LoA	-9,830	0,051	0,300
CHR12	4730541	CHR12:4730541	SSF x Far_LoA	-9,291	-0,066	0,285
CHR12	4730596	CHR12:4730596	SSF x Far_LoA	-10,158	-0,020	0,288
CHR12	4730617	CHR12:4730617	SSF x Far_LoA	-10,280	0,076	0,284
CHR12	4764463	CHR12:4764463	SSF x Far_LoA	-11,555	0,040	0,288
CHR12	4764645	CHR12:4764645	SSF x Far_LoA	-12,017	-0,002	0,292
CHR12	4773712	CHR12:4773712	SSF x Far_LoA	-12,133	0,014	0,289
CHR12	4773828	CHR12:4773828	SSF x Far_LoA	-7,443	0,058	0,299
CHR12	4773845	CHR12:4773845	SSF x Far_LoA	-9,887	0,070	0,280
CHR12	478232	CHR12:478232	SSF x Far_LoA	-7,829	-0,091	0,292
CHR12	478312	CHR12:478312	SSF x Far_LoA	-8,106	0,114	0,285
CHR12	4797552	CHR12:4797552	SSF x Far_LoA	-8,004	0,028	0,289
CHR12	4797648	CHR12:4797648	SSF x Far_LoA	-8,909	-0,102	0,272
CHR12	4797656	CHR12:4797656	SSF x Far_LoA	-7,347	-0,082	0,285
CHR12	4797730	CHR12:4797730	SSF x Far_LoA	-9,420	0,043	0,286
CHR12	4800233	CHR12:4800233	SSF x Far_LoA	-10,794	0,030	0,281
CHR12	4800270	CHR12:4800270	SSF x Far_LoA	-8,689	0,034	0,302
CHR12	4800289	CHR12:4800289	SSF x Far_LoA	-9,280	-0,023	0,290
CHR12	4800339	CHR12:4800339	SSF x Far_LoA	-10,218	0,035	0,295
CHR12	4800654	CHR12:4800654	SSF x Far_LoA	-9,517	-0,086	0,279
CHR12	4809421	CHR12:4809421	SSF x Far_LoA	-9,505	-0,052	0,295
CHR12	4809672	CHR12:4809672	SSF x Far_LoA	-11,587	0,075	0,276
CHR12	4809673	CHR12:4809673	SSF x Far_LoA	-8,462	0,054	0,295
CHR12	4814080	CHR12:4814080	SSF x Far_LoA	-9,596	-0,071	0,275
CHR12	4814108	CHR12:4814108	SSF x Far_LoA	-8,742	-0,013	0,287
CHR12	4814186	CHR12:4814186	SSF x Far_LoA	-8,306	-0,043	0,291
CHR12	4819473	CHR12:4819473	SSF x Far_LoA	-8,086	0,090	0,293
CHR12	4822032	CHR12:4822032	SSF x Far_LoA	-4,971	0,221	0,273
CHR12	4822041	CHR12:4822041	SSF x Far_LoA	-0,893	0,264	0,267
CHR12	4822061	CHR12:4822061	SSF x Far_LoA	-6,548	0,154	0,288
CHR12	4822184	CHR12:4822184	SSF x Far_LoA	-5,775	0,048	0,300
CHR12	4822193	CHR12:4822193	SSF x Far_LoA	-7,413	0,078	0,289
CHR12	4822204	CHR12:4822204	SSF x Far_LoA	-6,738	-0,212	0,268
CHR12	4825515	CHR12:4825515	SSF x Far_LoA	-11,030	0,005	0,304
CHR12	4838060	CHR12:4838060	SSF x Far_LoA	-8,992	-0,032	0,299
CHR12	4838071	CHR12:4838071	SSF x Far_LoA	-10,519	-0,077	0,291
CHR12	4838135	CHR12:4838135	SSF x Far_LoA	-9,655	-0,105	0,288
CHR12	4838145	CHR12:4838145	SSF x Far_LoA	-11,588	0,116	0,287
CHR12	4838180	CHR12:4838180	SSF x Far_LoA	-9,247	-0,071	0,285
CHR12	4838936	CHR12:4838936	SSF x Far_LoA	-6,497	-0,030	0,297
CHR12	4839148	CHR12:4839148	SSF x Far_LoA	-11,632	-0,002	0,299
CHR12	4851838	CHR12:4851838	SSF x Far_LoA	-10,300	-0,024	0,308
CHR12	4863478	CHR12:4863478	SSF x Far_LoA	-7,025	0,052	0,300
CHR12	4863654	CHR12:4863654	SSF x Far_LoA	-10,089	-0,014	0,291
CHR12	4863683	CHR12:4863683	SSF x Far_LoA	-9,936	-0,080	0,293
CHR12	4863756	CHR12:4863756	SSF x Far_LoA	-11,996	-0,023	0,287

CHR12	4863825	CHR12:4863825	SSF x Far_LoA	-8,780	-0,115	0,273
CHR12	4863888	CHR12:4863888	SSF x Far_LoA	-8,310	0,080	0,303
CHR12	4863909	CHR12:4863909	SSF x Far_LoA	-8,312	-0,049	0,293
CHR12	4893279	CHR12:4893279	SSF x Far_LoA	-10,905	-0,004	0,297
CHR12	4912991	CHR12:4912991	SSF x Far_LoA	-9,590	-0,010	0,298
CHR12	4912998	CHR12:4912998	SSF x Far_LoA	-9,886	-0,039	0,292
CHR12	4913192	CHR12:4913192	SSF x Far_LoA	-8,157	0,073	0,284
CHR12	4925322	CHR12:4925322	SSF x Far_LoA	-8,685	0,022	0,267
CHR12	4925333	CHR12:4925333	SSF x Far_LoA	-8,277	-0,020	0,276
CHR12	4925400	CHR12:4925400	SSF x Far_LoA	-9,136	-0,067	0,287
CHR12	4925530	CHR12:4925530	SSF x Far_LoA	-10,377	0,002	0,285
CHR12	4932412	CHR12:4932412	SSF x Far_LoA	-9,387	-0,032	0,300
CHR12	4932447	CHR12:4932447	SSF x Far_LoA	-10,836	-0,070	0,281
CHR12	4932655	CHR12:4932655	SSF x Far_LoA	-11,518	0,012	0,296
CHR12	4932752	CHR12:4932752	SSF x Far_LoA	-9,383	-0,041	0,299
CHR12	4933431	CHR12:4933431	SSF x Far_LoA	-9,475	0,077	0,279
CHR12	4938491	CHR12:4938491	SSF x Far_LoA	-8,775	0,079	0,288
CHR12	4938770	CHR12:4938770	SSF x Far_LoA	-8,976	0,029	0,299
CHR12	4938782	CHR12:4938782	SSF x Far_LoA	-8,522	0,035	0,292
CHR12	4940942	CHR12:4940942	SSF x Far_LoA	-5,893	-0,071	0,288
CHR12	4941017	CHR12:4941017	SSF x Far_LoA	-8,606	-0,065	0,299
CHR12	4941043	CHR12:4941043	SSF x Far_LoA	-10,490	0,095	0,286
CHR12	4941073	CHR12:4941073	SSF x Far_LoA	-10,194	0,118	0,291
CHR12	4941102	CHR12:4941102	SSF x Far_LoA	-8,925	0,096	0,284
CHR12	4941125	CHR12:4941125	SSF x Far_LoA	-9,081	-0,069	0,293
CHR12	4941139	CHR12:4941139	SSF x Far_LoA	-10,813	-0,021	0,286
CHR12	4941162	CHR12:4941162	SSF x Far_LoA	-9,131	-0,027	0,306
CHR12	4941255	CHR12:4941255	SSF x Far_LoA	-6,802	0,167	0,279
CHR12	495393	CHR12:495393	SSF x Far_LoA	-9,113	0,074	0,285
CHR12	4969181	CHR12:4969181	SSF x Far_LoA	-10,604	-0,076	0,281
CHR12	4969188	CHR12:4969188	SSF x Far_LoA	-8,575	-0,007	0,286
CHR12	4973454	CHR12:4973454	SSF x Far_LoA	-7,389	-0,168	0,296
CHR12	4973469	CHR12:4973469	SSF x Far_LoA	-8,815	0,019	0,294
CHR12	4977473	CHR12:4977473	SSF x Far_LoA	-10,975	-0,065	0,277
CHR12	4989634	CHR12:4989634	SSF x Far_LoA	-8,063	0,079	0,306
CHR12	4989659	CHR12:4989659	SSF x Far_LoA	-9,871	0,074	0,291
CHR12	4989679	CHR12:4989679	SSF x Far_LoA	-10,506	-0,011	0,293
CHR12	4995135	CHR12:4995135	SSF x Far_LoA	-11,497	-0,031	0,290
CHR12	4997513	CHR12:4997513	SSF x Far_LoA	-4,295	-0,199	0,283
CHR12	4997576	CHR12:4997576	SSF x Far_LoA	-7,648	0,010	0,285
CHR12	4997713	CHR12:4997713	SSF x Far_LoA	-9,435	0,020	0,302
CHR12	504233	CHR12:504233	SSF x Far_LoA	-8,068	-0,082	0,281
CHR12	5055429	CHR12:5055429	SSF x Far_LoA	-9,792	0,085	0,294
CHR12	5055491	CHR12:5055491	SSF x Far_LoA	-8,583	-0,016	0,307
CHR12	5055684	CHR12:5055684	SSF x Far_LoA	-10,612	-0,044	0,288
CHR12	5055737	CHR12:5055737	SSF x Far_LoA	-6,591	0,102	0,305
CHR12	5055764	CHR12:5055764	SSF x Far_LoA	-6,679	0,112	0,282
CHR12	5065351	CHR12:5065351	SSF x Far_LoA	-6,091	-0,064	0,286
CHR12	5065374	CHR12:5065374	SSF x Far_LoA	-6,246	-0,096	0,293
CHR12	5065392	CHR12:5065392	SSF x Far_LoA	-10,590	-0,024	0,283
CHR12	5065397	CHR12:5065397	SSF x Far_LoA	-10,228	-0,050	0,289
CHR12	5065511	CHR12:5065511	SSF x Far_LoA	-11,235	-0,019	0,301
CHR12	5081823	CHR12:5081823	SSF x Far_LoA	-10,116	0,017	0,282

CHR12	5081863	CHR12:5081863	SSF x Far_LoA	-3,863	0,179	0,283
CHR12	5081880	CHR12:5081880	SSF x Far_LoA	-9,430	0,014	0,295
CHR12	5081933	CHR12:5081933	SSF x Far_LoA	-10,883	-0,016	0,288
CHR12	5085027	CHR12:5085027	SSF x Far_LoA	-11,267	0,036	0,281
CHR12	5100764	CHR12:5100764	SSF x Far_LoA	-7,670	0,121	0,290
CHR12	5100894	CHR12:5100894	SSF x Far_LoA	-7,984	-0,083	0,291
CHR12	5100899	CHR12:5100899	SSF x Far_LoA	-10,358	-0,015	0,294
CHR12	5108917	CHR12:5108917	SSF x Far_LoA	-10,820	0,072	0,286
CHR12	5109242	CHR12:5109242	SSF x Far_LoA	-8,570	0,089	0,288
CHR12	5149790	CHR12:5149790	SSF x Far_LoA	-5,859	-0,065	0,288
CHR12	5149817	CHR12:5149817	SSF x Far_LoA	-10,610	0,087	0,279
CHR12	5149915	CHR12:5149915	SSF x Far_LoA	-9,904	0,045	0,287
CHR12	5150032	CHR12:5150032	SSF x Far_LoA	-6,577	0,164	0,303
CHR12	5150061	CHR12:5150061	SSF x Far_LoA	-9,644	0,014	0,291
CHR12	5150062	CHR12:5150062	SSF x Far_LoA	-7,858	0,051	0,288
CHR12	5150075	CHR12:5150075	SSF x Far_LoA	-7,089	0,148	0,282
CHR12	5150099	CHR12:5150099	SSF x Far_LoA	-8,393	-0,038	0,305
CHR12	5156534	CHR12:5156534	SSF x Far_LoA	-7,090	0,007	0,303
CHR12	5156593	CHR12:5156593	SSF x Far_LoA	-3,825	0,016	0,287
CHR12	5156796	CHR12:5156796	SSF x Far_LoA	-10,777	0,073	0,293
CHR12	5175280	CHR12:5175280	SSF x Far_LoA	-9,149	0,011	0,286
CHR12	5175532	CHR12:5175532	SSF x Far_LoA	-9,221	0,080	0,284
CHR12	5181638	CHR12:5181638	SSF x Far_LoA	-8,700	0,057	0,290
CHR12	5217315	CHR12:5217315	SSF x Far_LoA	-9,320	0,005	0,297
CHR12	5217406	CHR12:5217406	SSF x Far_LoA	-10,356	0,036	0,299
CHR12	5217882	CHR12:5217882	SSF x Far_LoA	-8,281	0,038	0,299
CHR12	5217898	CHR12:5217898	SSF x Far_LoA	-3,428	0,099	0,293
CHR12	5223255	CHR12:5223255	SSF x Far_LoA	-8,778	0,028	0,278
CHR12	5223546	CHR12:5223546	SSF x Far_LoA	-8,792	-0,057	0,281
CHR12	5223678	CHR12:5223678	SSF x Far_LoA	-9,423	-0,014	0,305
CHR12	5235820	CHR12:5235820	SSF x Far_LoA	-8,239	-0,070	0,286
CHR12	5237756	CHR12:5237756	SSF x Far_LoA	-8,801	0,150	0,278
CHR12	5237830	CHR12:5237830	SSF x Far_LoA	-11,687	-0,054	0,280
CHR12	5237832	CHR12:5237832	SSF x Far_LoA	-12,234	-0,045	0,291
CHR12	5264664	CHR12:5264664	SSF x Far_LoA	-9,242	-0,042	0,288
CHR12	5276671	CHR12:5276671	SSF x Far_LoA	-9,554	0,044	0,298
CHR12	5278289	CHR12:5278289	SSF x Far_LoA	-9,013	0,031	0,294
CHR12	5278305	CHR12:5278305	SSF x Far_LoA	-7,700	0,016	0,283
CHR12	5278402	CHR12:5278402	SSF x Far_LoA	-10,695	0,004	0,299
CHR12	5286320	CHR12:5286320	SSF x Far_LoA	-8,220	0,125	0,289
CHR12	5292731	CHR12:5292731	SSF x Far_LoA	-9,604	0,130	0,286
CHR12	5292832	CHR12:5292832	SSF x Far_LoA	-5,525	0,093	0,297
CHR12	5292894	CHR12:5292894	SSF x Far_LoA	3,630	0,114	0,289
CHR12	5292929	CHR12:5292929	SSF x Far_LoA	-7,778	0,104	0,288
CHR12	5292935	CHR12:5292935	SSF x Far_LoA	-9,394	0,033	0,308
CHR12	529336	CHR12:529336	SSF x Far_LoA	-9,423	-0,042	0,280
CHR12	5293844	CHR12:5293844	SSF x Far_LoA	-8,867	0,077	0,292
CHR12	5293864	CHR12:5293864	SSF x Far_LoA	-12,245	-0,050	0,287
CHR12	5308392	CHR12:5308392	SSF x Far_LoA	-4,680	0,037	0,302
CHR12	5308665	CHR12:5308665	SSF x Far_LoA	-9,700	0,088	0,285
CHR12	5309981	CHR12:5309981	SSF x Far_LoA	-7,789	0,031	0,286
CHR12	5314136	CHR12:5314136	SSF x Far_LoA	-11,101	0,048	0,288
CHR12	5315206	CHR12:5315206	SSF x Far_LoA	-8,945	0,009	0,287

CHR12	5315207	CHR12:5315207	SSF x Far_LoA	-8,657	0,004	0,285
CHR12	533276	CHR12:533276	SSF x Far_LoA	-10,376	-0,114	0,282
CHR12	5336530	CHR12:5336530	SSF x Far_LoA	-9,582	0,029	0,280
CHR12	5336531	CHR12:5336531	SSF x Far_LoA	-9,979	0,032	0,289
CHR12	5336565	CHR12:5336565	SSF x Far_LoA	-8,161	0,103	0,282
CHR12	5337276	CHR12:5337276	SSF x Far_LoA	-7,082	0,148	0,286
CHR12	5337478	CHR12:5337478	SSF x Far_LoA	-9,465	0,063	0,285
CHR12	5337583	CHR12:5337583	SSF x Far_LoA	-9,750	-0,024	0,287
CHR12	5337584	CHR12:5337584	SSF x Far_LoA	-8,036	-0,022	0,293
CHR12	5337601	CHR12:5337601	SSF x Far_LoA	-9,787	-0,033	0,302
CHR12	5341225	CHR12:5341225	SSF x Far_LoA	-8,549	0,123	0,290
CHR12	5353271	CHR12:5353271	SSF x Far_LoA	-7,531	0,080	0,300
CHR12	5353287	CHR12:5353287	SSF x Far_LoA	-8,652	0,050	0,301
CHR12	5353297	CHR12:5353297	SSF x Far_LoA	-8,316	-0,030	0,281
CHR12	5353337	CHR12:5353337	SSF x Far_LoA	-7,190	-0,171	0,285
CHR12	5357819	CHR12:5357819	SSF x Far_LoA	-6,871	0,003	0,284
CHR12	5357871	CHR12:5357871	SSF x Far_LoA	-8,841	0,036	0,287
CHR12	5360347	CHR12:5360347	SSF x Far_LoA	-7,270	0,111	0,301
CHR12	5365454	CHR12:5365454	SSF x Far_LoA	-9,649	0,097	0,283
CHR12	5366622	CHR12:5366622	SSF x Far_LoA	-8,606	-0,021	0,295
CHR12	537500	CHR12:537500	SSF x Far_LoA	-10,838	-0,050	0,301
CHR12	5375425	CHR12:5375425	SSF x Far_LoA	-8,431	0,158	0,287
CHR12	5375503	CHR12:5375503	SSF x Far_LoA	-9,391	-0,011	0,285
CHR12	5378504	CHR12:5378504	SSF x Far_LoA	-10,463	-0,024	0,278
CHR12	5378791	CHR12:5378791	SSF x Far_LoA	-12,263	0,029	0,291
CHR12	5384085	CHR12:5384085	SSF x Far_LoA	-9,426	-0,009	0,286
CHR12	5389504	CHR12:5389504	SSF x Far_LoA	-6,492	-0,166	0,285
CHR12	5389556	CHR12:5389556	SSF x Far_LoA	-6,550	0,128	0,283
CHR12	5389638	CHR12:5389638	SSF x Far_LoA	-9,150	0,194	0,278
CHR12	5389993	CHR12:5389993	SSF x Far_LoA	-10,325	-0,004	0,291
CHR12	5390087	CHR12:5390087	SSF x Far_LoA	-9,183	0,088	0,286
CHR12	5390694	CHR12:5390694	SSF x Far_LoA	-9,137	-0,076	0,295
CHR12	5390711	CHR12:5390711	SSF x Far_LoA	-5,484	0,128	0,285
CHR12	5392898	CHR12:5392898	SSF x Far_LoA	-6,622	0,118	0,299
CHR12	5393011	CHR12:5393011	SSF x Far_LoA	-4,970	0,053	0,306
CHR12	5395691	CHR12:5395691	SSF x Far_LoA	-5,998	-0,113	0,288
CHR12	5395720	CHR12:5395720	SSF x Far_LoA	-6,705	-0,129	0,286
CHR12	5395774	CHR12:5395774	SSF x Far_LoA	-10,877	0,025	0,294
CHR12	5399094	CHR12:5399094	SSF x Far_LoA	-8,587	-0,071	0,282
CHR12	5399105	CHR12:5399105	SSF x Far_LoA	-9,302	-0,089	0,288
CHR12	5399363	CHR12:5399363	SSF x Far_LoA	-10,616	0,114	0,286
CHR12	5399372	CHR12:5399372	SSF x Far_LoA	-10,978	0,005	0,302
CHR12	5403161	CHR12:5403161	SSF x Far_LoA	-10,840	-0,115	0,283
CHR12	5403166	CHR12:5403166	SSF x Far_LoA	-11,534	0,036	0,294
CHR12	5403170	CHR12:5403170	SSF x Far_LoA	-11,017	-0,063	0,297
CHR12	5403181	CHR12:5403181	SSF x Far_LoA	-9,378	0,069	0,294
CHR12	5403187	CHR12:5403187	SSF x Far_LoA	-10,515	-0,111	0,275
CHR12	5403197	CHR12:5403197	SSF x Far_LoA	-5,391	-0,003	0,296
CHR12	5403202	CHR12:5403202	SSF x Far_LoA	-10,218	0,072	0,292
CHR12	5403216	CHR12:5403216	SSF x Far_LoA	-10,232	-0,028	0,293
CHR12	5403315	CHR12:5403315	SSF x Far_LoA	-6,393	-0,125	0,291
CHR12	5403350	CHR12:5403350	SSF x Far_LoA	-11,378	-0,002	0,290
CHR12	5420538	CHR12:5420538	SSF x Far_LoA	-9,303	-0,020	0,278

CHR12	5442619	CHR12:5442619	SSF x Far_LoA	-8,499	-0,010	0,294
CHR12	5457699	CHR12:5457699	SSF x Far_LoA	-3,714	0,110	0,274
CHR12	5457712	CHR12:5457712	SSF x Far_LoA	-9,248	0,144	0,296
CHR12	5457730	CHR12:5457730	SSF x Far_LoA	-8,960	-0,061	0,279
CHR12	5457750	CHR12:5457750	SSF x Far_LoA	-9,166	-0,064	0,284
CHR12	5457823	CHR12:5457823	SSF x Far_LoA	-11,489	-0,118	0,285
CHR12	5472101	CHR12:5472101	SSF x Far_LoA	-11,933	0,056	0,264
CHR12	5472111	CHR12:5472111	SSF x Far_LoA	-7,226	0,059	0,278
CHR12	5472115	CHR12:5472115	SSF x Far_LoA	-10,501	0,055	0,280
CHR12	5472211	CHR12:5472211	SSF x Far_LoA	-10,038	-0,041	0,282
CHR12	5479074	CHR12:5479074	SSF x Far_LoA	-11,076	-0,058	0,299
CHR12	5479323	CHR12:5479323	SSF x Far_LoA	-8,760	-0,120	0,275
CHR12	5479429	CHR12:5479429	SSF x Far_LoA	-8,627	0,189	0,264
CHR12	5487716	CHR12:5487716	SSF x Far_LoA	-10,102	-0,046	0,293
CHR12	5487735	CHR12:5487735	SSF x Far_LoA	-11,362	-0,059	0,296
CHR12	5487736	CHR12:5487736	SSF x Far_LoA	-10,548	-0,059	0,289
CHR12	5487873	CHR12:5487873	SSF x Far_LoA	-9,588	-0,080	0,293
CHR12	5498742	CHR12:5498742	SSF x Far_LoA	-7,972	0,107	0,303
CHR12	5500972	CHR12:5500972	SSF x Far_LoA	-5,998	-0,098	0,293
CHR12	5503318	CHR12:5503318	SSF x Far_LoA	-8,762	0,033	0,299
CHR12	5506686	CHR12:5506686	SSF x Far_LoA	-10,813	0,072	0,296
CHR12	550687	CHR12:550687	SSF x Far_LoA	-9,740	0,104	0,265
CHR12	5509706	CHR12:5509706	SSF x Far_LoA	-7,018	-0,019	0,296
CHR12	5509970	CHR12:5509970	SSF x Far_LoA	-10,620	-0,042	0,279
CHR12	5516151	CHR12:5516151	SSF x Far_LoA	-7,031	-0,003	0,285
CHR12	5516195	CHR12:5516195	SSF x Far_LoA	-9,114	-0,064	0,302
CHR12	5516208	CHR12:5516208	SSF x Far_LoA	-9,275	0,060	0,298
CHR12	5521941	CHR12:5521941	SSF x Far_LoA	-3,336	0,061	0,292
CHR12	5522030	CHR12:5522030	SSF x Far_LoA	-9,377	0,000	0,282
CHR12	5522036	CHR12:5522036	SSF x Far_LoA	-11,982	-0,001	0,290
CHR12	5522208	CHR12:5522208	SSF x Far_LoA	-9,808	-0,108	0,289
CHR12	5529494	CHR12:5529494	SSF x Far_LoA	-10,468	-0,004	0,294
CHR12	5533086	CHR12:5533086	SSF x Far_LoA	-10,510	-0,089	0,282
CHR12	5533119	CHR12:5533119	SSF x Far_LoA	-8,113	0,242	0,285
CHR12	5533158	CHR12:5533158	SSF x Far_LoA	-6,752	-0,032	0,284
CHR12	5536248	CHR12:5536248	SSF x Far_LoA	-11,595	0,005	0,297
CHR12	5536296	CHR12:5536296	SSF x Far_LoA	-6,022	-0,017	0,300
CHR12	5536333	CHR12:5536333	SSF x Far_LoA	-8,318	-0,091	0,290
CHR12	5537857	CHR12:5537857	SSF x Far_LoA	-11,835	-0,023	0,292
CHR12	5551324	CHR12:5551324	SSF x Far_LoA	-5,039	0,154	0,294
CHR12	5551406	CHR12:5551406	SSF x Far_LoA	-10,503	-0,053	0,297
CHR12	5551428	CHR12:5551428	SSF x Far_LoA	-9,644	0,111	0,271
CHR12	5551460	CHR12:5551460	SSF x Far_LoA	-10,122	-0,078	0,296
CHR12	5551510	CHR12:5551510	SSF x Far_LoA	-7,277	-0,019	0,279
CHR12	5551514	CHR12:5551514	SSF x Far_LoA	-8,649	-0,067	0,285
CHR12	5564818	CHR12:5564818	SSF x Far_LoA	-6,558	0,122	0,284
CHR12	5564885	CHR12:5564885	SSF x Far_LoA	-7,618	0,185	0,283
CHR12	5564887	CHR12:5564887	SSF x Far_LoA	-10,208	0,155	0,282
CHR12	5565077	CHR12:5565077	SSF x Far_LoA	-12,314	0,051	0,273
CHR12	5565146	CHR12:5565146	SSF x Far_LoA	-1,900	0,010	0,298
CHR12	5569544	CHR12:5569544	SSF x Far_LoA	-8,656	-0,017	0,299
CHR12	5569634	CHR12:5569634	SSF x Far_LoA	-10,348	0,059	0,285
CHR12	5570612	CHR12:5570612	SSF x Far_LoA	-9,566	-0,054	0,306

CHR12	5570614	CHR12:5570614	SSF x Far_LoA	-8,053	-0,069	0,296
CHR12	5570695	CHR12:5570695	SSF x Far_LoA	-10,227	-0,021	0,292
CHR12	5587918	CHR12:5587918	SSF x Far_LoA	-9,366	-0,021	0,296
CHR12	5587933	CHR12:5587933	SSF x Far_LoA	-11,404	0,042	0,286
CHR12	5587940	CHR12:5587940	SSF x Far_LoA	-9,534	0,023	0,290
CHR12	5596161	CHR12:5596161	SSF x Far_LoA	-6,970	-0,163	0,283
CHR12	5596163	CHR12:5596163	SSF x Far_LoA	-7,029	0,141	0,266
CHR12	5596319	CHR12:5596319	SSF x Far_LoA	-5,246	-0,199	0,302
CHR12	5596409	CHR12:5596409	SSF x Far_LoA	-6,395	-0,075	0,288
CHR12	5596517	CHR12:5596517	SSF x Far_LoA	-2,352	0,047	0,283
CHR12	5602476	CHR12:5602476	SSF x Far_LoA	-11,160	0,023	0,289
CHR12	5602506	CHR12:5602506	SSF x Far_LoA	-8,796	-0,104	0,303
CHR12	5615062	CHR12:5615062	SSF x Far_LoA	-11,421	0,096	0,287
CHR12	5615067	CHR12:5615067	SSF x Far_LoA	-12,064	-0,007	0,278
CHR12	5615186	CHR12:5615186	SSF x Far_LoA	-9,255	0,136	0,300
CHR12	5624402	CHR12:5624402	SSF x Far_LoA	-10,409	0,093	0,290
CHR12	5624669	CHR12:5624669	SSF x Far_LoA	-10,551	0,021	0,299
CHR12	5629066	CHR12:5629066	SSF x Far_LoA	-6,012	0,133	0,286
CHR12	562944	CHR12:562944	SSF x Far_LoA	-11,505	-0,092	0,289
CHR12	5642168	CHR12:5642168	SSF x Far_LoA	-7,742	-0,096	0,289
CHR12	5659438	CHR12:5659438	SSF x Far_LoA	-8,525	0,020	0,290
CHR12	5659642	CHR12:5659642	SSF x Far_LoA	-7,190	0,113	0,302
CHR12	5659728	CHR12:5659728	SSF x Far_LoA	-12,095	-0,004	0,283
CHR12	5659740	CHR12:5659740	SSF x Far_LoA	-9,941	-0,112	0,293
CHR12	5660986	CHR12:5660986	SSF x Far_LoA	-6,248	-0,129	0,296
CHR12	5666578	CHR12:5666578	SSF x Far_LoA	-11,084	-0,004	0,295
CHR12	5666606	CHR12:5666606	SSF x Far_LoA	-10,268	0,166	0,275
CHR12	5666653	CHR12:5666653	SSF x Far_LoA	-4,772	0,253	0,274
CHR12	5666697	CHR12:5666697	SSF x Far_LoA	-5,434	0,129	0,285
CHR12	5666700	CHR12:5666700	SSF x Far_LoA	-6,241	-0,127	0,280
CHR12	5666714	CHR12:5666714	SSF x Far_LoA	-11,686	0,025	0,299
CHR12	5666749	CHR12:5666749	SSF x Far_LoA	-9,601	0,027	0,311
CHR12	5666846	CHR12:5666846	SSF x Far_LoA	-5,847	0,082	0,294
CHR12	5671218	CHR12:5671218	SSF x Far_LoA	-10,601	0,053	0,288
CHR12	5671355	CHR12:5671355	SSF x Far_LoA	-9,657	-0,070	0,289
CHR12	5677700	CHR12:5677700	SSF x Far_LoA	-9,392	0,025	0,298
CHR12	5677717	CHR12:5677717	SSF x Far_LoA	-8,476	0,085	0,287
CHR12	5677735	CHR12:5677735	SSF x Far_LoA	-5,798	-0,079	0,295
CHR12	5677743	CHR12:5677743	SSF x Far_LoA	-7,808	0,118	0,286
CHR12	5677772	CHR12:5677772	SSF x Far_LoA	-8,914	-0,024	0,303
CHR12	5677808	CHR12:5677808	SSF x Far_LoA	-9,077	0,068	0,290
CHR12	5677961	CHR12:5677961	SSF x Far_LoA	-10,113	0,155	0,272
CHR12	5679015	CHR12:5679015	SSF x Far_LoA	-9,349	-0,044	0,298
CHR12	5679046	CHR12:5679046	SSF x Far_LoA	-6,906	0,033	0,296
CHR12	5679129	CHR12:5679129	SSF x Far_LoA	-11,706	-0,071	0,293
CHR12	5679133	CHR12:5679133	SSF x Far_LoA	-9,400	0,009	0,302
CHR12	5679136	CHR12:5679136	SSF x Far_LoA	-10,638	0,059	0,285
CHR12	5709132	CHR12:5709132	SSF x Far_LoA	-11,353	-0,029	0,292
CHR12	5716627	CHR12:5716627	SSF x Far_LoA	-9,275	-0,037	0,294
CHR12	5716696	CHR12:5716696	SSF x Far_LoA	-9,702	-0,055	0,293
CHR12	5716720	CHR12:5716720	SSF x Far_LoA	-9,770	0,081	0,274
CHR12	5718378	CHR12:5718378	SSF x Far_LoA	-10,111	0,020	0,278
CHR12	5718613	CHR12:5718613	SSF x Far_LoA	-9,786	0,069	0,301

CHR12	5727995	CHR12:5727995	SSF x Far_LoA	-10,231	-0,087	0,289
CHR12	5751615	CHR12:5751615	SSF x Far_LoA	-8,829	-0,003	0,295
CHR12	5751664	CHR12:5751664	SSF x Far_LoA	-8,023	0,060	0,289
CHR12	5762822	CHR12:5762822	SSF x Far_LoA	-6,419	-0,001	0,284
CHR12	5762862	CHR12:5762862	SSF x Far_LoA	-8,973	-0,062	0,296
CHR12	5762983	CHR12:5762983	SSF x Far_LoA	-8,059	0,080	0,289
CHR12	5776525	CHR12:5776525	SSF x Far_LoA	-8,859	-0,002	0,288
CHR12	5782740	CHR12:5782740	SSF x Far_LoA	-9,944	-0,156	0,286
CHR12	5782911	CHR12:5782911	SSF x Far_LoA	-9,506	0,015	0,288
CHR12	5782932	CHR12:5782932	SSF x Far_LoA	-8,065	0,097	0,279
CHR12	5788005	CHR12:5788005	SSF x Far_LoA	-7,015	-0,097	0,297
CHR12	5788116	CHR12:5788116	SSF x Far_LoA	-8,783	0,067	0,292
CHR12	5788154	CHR12:5788154	SSF x Far_LoA	-8,152	-0,089	0,289
CHR12	5788238	CHR12:5788238	SSF x Far_LoA	-8,869	0,016	0,295
CHR12	5788269	CHR12:5788269	SSF x Far_LoA	-8,003	0,108	0,299
CHR12	5788315	CHR12:5788315	SSF x Far_LoA	-7,973	-0,049	0,290
CHR12	5799734	CHR12:5799734	SSF x Far_LoA	-8,751	-0,077	0,290
CHR12	5807092	CHR12:5807092	SSF x Far_LoA	-10,876	0,156	0,276
CHR12	5807195	CHR12:5807195	SSF x Far_LoA	-9,381	0,181	0,284
CHR12	5807281	CHR12:5807281	SSF x Far_LoA	-9,635	0,123	0,292
CHR12	5824281	CHR12:5824281	SSF x Far_LoA	-10,610	-0,076	0,290
CHR12	5824288	CHR12:5824288	SSF x Far_LoA	-8,853	-0,063	0,275
CHR12	5824322	CHR12:5824322	SSF x Far_LoA	-9,094	0,116	0,303
CHR12	5854229	CHR12:5854229	SSF x Far_LoA	-7,608	-0,154	0,291
CHR12	5854298	CHR12:5854298	SSF x Far_LoA	-11,379	0,037	0,289
CHR12	5854416	CHR12:5854416	SSF x Far_LoA	-9,028	-0,052	0,295
CHR12	5858995	CHR12:5858995	SSF x Far_LoA	-11,018	0,062	0,297
CHR12	5859131	CHR12:5859131	SSF x Far_LoA	-11,032	-0,057	0,284
CHR12	5859148	CHR12:5859148	SSF x Far_LoA	-10,472	0,028	0,299
CHR12	5869582	CHR12:5869582	SSF x Far_LoA	-7,179	-0,102	0,311
CHR12	5871985	CHR12:5871985	SSF x Far_LoA	-12,216	-0,030	0,296
CHR12	5871991	CHR12:5871991	SSF x Far_LoA	-11,178	-0,008	0,296
CHR12	5872007	CHR12:5872007	SSF x Far_LoA	-12,153	-0,013	0,294
CHR12	5872779	CHR12:5872779	SSF x Far_LoA	-11,543	0,049	0,285
CHR12	5872826	CHR12:5872826	SSF x Far_LoA	-6,865	0,135	0,280
CHR12	5893333	CHR12:5893333	SSF x Far_LoA	-11,552	-0,105	0,280
CHR12	5898184	CHR12:5898184	SSF x Far_LoA	-8,177	-0,095	0,290
CHR12	5898352	CHR12:5898352	SSF x Far_LoA	-6,156	-0,173	0,280
CHR12	5898434	CHR12:5898434	SSF x Far_LoA	-4,794	-0,151	0,287
CHR12	5914483	CHR12:5914483	SSF x Far_LoA	-10,175	-0,001	0,305
CHR12	5914746	CHR12:5914746	SSF x Far_LoA	-7,474	0,079	0,292
CHR12	5914829	CHR12:5914829	SSF x Far_LoA	-10,573	0,061	0,290
CHR12	5927727	CHR12:5927727	SSF x Far_LoA	-6,144	-0,001	0,295
CHR12	5927738	CHR12:5927738	SSF x Far_LoA	-8,377	0,037	0,290
CHR12	5928178	CHR12:5928178	SSF x Far_LoA	-8,825	-0,037	0,293
CHR12	5938264	CHR12:5938264	SSF x Far_LoA	-10,775	0,041	0,288
CHR12	5938300	CHR12:5938300	SSF x Far_LoA	-9,051	0,004	0,297
CHR12	5938424	CHR12:5938424	SSF x Far_LoA	-9,322	0,025	0,301
CHR12	5947549	CHR12:5947549	SSF x Far_LoA	-8,411	-0,026	0,305
CHR12	5947575	CHR12:5947575	SSF x Far_LoA	-8,482	0,044	0,279
CHR12	5947770	CHR12:5947770	SSF x Far_LoA	-10,138	0,057	0,291
CHR12	5947826	CHR12:5947826	SSF x Far_LoA	-10,467	0,014	0,291
CHR12	5966620	CHR12:5966620	SSF x Far_LoA	-7,468	-0,142	0,285

CHR12	5966628	CHR12:5966628	SSF x Far_LoA	-9,114	0,001	0,299
CHR12	5966671	CHR12:5966671	SSF x Far_LoA	-10,295	-0,046	0,301
CHR12	5974158	CHR12:5974158	SSF x Far_LoA	-8,226	-0,020	0,286
CHR12	5981049	CHR12:5981049	SSF x Far_LoA	-11,711	-0,001	0,297
CHR12	5981190	CHR12:5981190	SSF x Far_LoA	-9,797	0,067	0,291
CHR12	5981250	CHR12:5981250	SSF x Far_LoA	-8,373	-0,095	0,300
CHR12	5981284	CHR12:5981284	SSF x Far_LoA	-9,890	-0,093	0,300
CHR12	5981288	CHR12:5981288	SSF x Far_LoA	-9,200	-0,047	0,290
CHR12	5981368	CHR12:5981368	SSF x Far_LoA	-9,211	-0,114	0,282
CHR12	599687	CHR12:599687	SSF x Far_LoA	-10,348	-0,026	0,302
CHR12	5998586	CHR12:5998586	SSF x Far_LoA	-7,859	-0,071	0,280
CHR12	6010450	CHR12:6010450	SSF x Far_LoA	-9,786	-0,028	0,287
CHR12	6012086	CHR12:6012086	SSF x Far_LoA	-9,016	0,060	0,289
CHR12	6012151	CHR12:6012151	SSF x Far_LoA	-9,471	-0,162	0,296
CHR12	6012209	CHR12:6012209	SSF x Far_LoA	-5,951	-0,185	0,287
CHR12	6012259	CHR12:6012259	SSF x Far_LoA	-5,410	-0,191	0,295
CHR12	6012280	CHR12:6012280	SSF x Far_LoA	-6,947	0,095	0,287
CHR12	6025612	CHR12:6025612	SSF x Far_LoA	-10,358	0,131	0,291
CHR12	6025942	CHR12:6025942	SSF x Far_LoA	-9,413	0,078	0,304
CHR12	6025964	CHR12:6025964	SSF x Far_LoA	-7,905	-0,135	0,283
CHR12	6025981	CHR12:6025981	SSF x Far_LoA	-3,893	0,071	0,296
CHR12	6026000	CHR12:6026000	SSF x Far_LoA	-7,935	0,054	0,282
CHR12	6043968	CHR12:6043968	SSF x Far_LoA	-6,964	0,142	0,282
CHR12	6043977	CHR12:6043977	SSF x Far_LoA	-5,139	0,139	0,281
CHR12	6043981	CHR12:6043981	SSF x Far_LoA	1,046	0,055	0,288
CHR12	6047267	CHR12:6047267	SSF x Far_LoA	-10,625	-0,050	0,288
CHR12	6052460	CHR12:6052460	SSF x Far_LoA	-12,325	-0,005	0,276
CHR12	6052511	CHR12:6052511	SSF x Far_LoA	-11,760	-0,038	0,282
CHR12	6052548	CHR12:6052548	SSF x Far_LoA	-10,641	0,021	0,279
CHR12	6052565	CHR12:6052565	SSF x Far_LoA	-9,309	0,079	0,282
CHR12	6052567	CHR12:6052567	SSF x Far_LoA	3,285	0,012	0,276
CHR12	6052580	CHR12:6052580	SSF x Far_LoA	-6,889	0,031	0,291
CHR12	6052585	CHR12:6052585	SSF x Far_LoA	-8,692	0,035	0,274
CHR12	6052590	CHR12:6052590	SSF x Far_LoA	-8,300	0,021	0,276
CHR12	6052593	CHR12:6052593	SSF x Far_LoA	-9,510	0,043	0,284
CHR12	6052598	CHR12:6052598	SSF x Far_LoA	-6,509	0,055	0,276
CHR12	6052640	CHR12:6052640	SSF x Far_LoA	-5,849	-0,171	0,281
CHR12	6052806	CHR12:6052806	SSF x Far_LoA	-10,601	0,011	0,281
CHR12	6052811	CHR12:6052811	SSF x Far_LoA	-8,055	0,078	0,297
CHR12	6070985	CHR12:6070985	SSF x Far_LoA	-9,498	0,108	0,295
CHR12	6071073	CHR12:6071073	SSF x Far_LoA	-11,170	0,091	0,272
CHR12	6071311	CHR12:6071311	SSF x Far_LoA	-10,225	0,092	0,297
CHR12	6083598	CHR12:6083598	SSF x Far_LoA	-7,554	-0,088	0,294
CHR12	6083617	CHR12:6083617	SSF x Far_LoA	-9,108	-0,060	0,277
CHR12	6083633	CHR12:6083633	SSF x Far_LoA	-9,640	-0,066	0,283
CHR12	6083650	CHR12:6083650	SSF x Far_LoA	-9,857	-0,025	0,290
CHR12	6083651	CHR12:6083651	SSF x Far_LoA	-7,347	-0,058	0,301
CHR12	6083668	CHR12:6083668	SSF x Far_LoA	-9,350	-0,074	0,296
CHR12	6083757	CHR12:6083757	SSF x Far_LoA	-5,707	0,231	0,291
CHR12	6083785	CHR12:6083785	SSF x Far_LoA	-7,836	-0,054	0,291
CHR12	6095589	CHR12:6095589	SSF x Far_LoA	-11,559	0,000	0,292
CHR12	6095636	CHR12:6095636	SSF x Far_LoA	-10,116	0,064	0,305
CHR12	6120567	CHR12:6120567	SSF x Far_LoA	-6,969	0,064	0,296

CHR12	6120672	CHR12:6120672	SSF x Far_LoA	-9,589	0,006	0,291
CHR12	612897	CHR12:612897	SSF x Far_LoA	-10,935	0,059	0,287
CHR12	612939	CHR12:612939	SSF x Far_LoA	-11,470	0,057	0,289
CHR12	612986	CHR12:612986	SSF x Far_LoA	-9,387	0,079	0,304
CHR12	613140	CHR12:613140	SSF x Far_LoA	-11,461	0,044	0,287
CHR12	6153347	CHR12:6153347	SSF x Far_LoA	-8,806	-0,023	0,313
CHR12	6153400	CHR12:6153400	SSF x Far_LoA	-6,924	-0,054	0,286
CHR12	6153495	CHR12:6153495	SSF x Far_LoA	-10,467	-0,136	0,289
CHR12	6153536	CHR12:6153536	SSF x Far_LoA	-8,823	0,038	0,302
CHR12	6153589	CHR12:6153589	SSF x Far_LoA	-10,367	0,012	0,293
CHR12	619262	CHR12:619262	SSF x Far_LoA	-6,897	0,115	0,277
CHR12	6203636	CHR12:6203636	SSF x Far_LoA	-6,404	-0,059	0,289
CHR12	6203809	CHR12:6203809	SSF x Far_LoA	-10,383	0,029	0,280
CHR12	6203812	CHR12:6203812	SSF x Far_LoA	-9,753	0,008	0,275
CHR12	621930	CHR12:621930	SSF x Far_LoA	-7,912	-0,137	0,281
CHR12	622013	CHR12:622013	SSF x Far_LoA	-8,914	0,092	0,290
CHR12	622021	CHR12:622021	SSF x Far_LoA	-10,033	-0,045	0,278
CHR12	6224130	CHR12:6224130	SSF x Far_LoA	-9,741	-0,060	0,301
CHR12	6224467	CHR12:6224467	SSF x Far_LoA	-11,100	-0,011	0,284
CHR12	6225500	CHR12:6225500	SSF x Far_LoA	-8,976	0,049	0,275
CHR12	6225558	CHR12:6225558	SSF x Far_LoA	-9,819	-0,077	0,301
CHR12	6225573	CHR12:6225573	SSF x Far_LoA	-9,218	-0,041	0,284
CHR12	6233465	CHR12:6233465	SSF x Far_LoA	-8,093	-0,046	0,309
CHR12	6239169	CHR12:6239169	SSF x Far_LoA	-11,089	-0,012	0,294
CHR12	6239229	CHR12:6239229	SSF x Far_LoA	-9,410	-0,046	0,300
CHR12	6239260	CHR12:6239260	SSF x Far_LoA	-9,536	0,013	0,297
CHR12	6239425	CHR12:6239425	SSF x Far_LoA	-8,181	0,080	0,286
CHR12	6245146	CHR12:6245146	SSF x Far_LoA	-10,316	-0,044	0,302
CHR12	6245181	CHR12:6245181	SSF x Far_LoA	-8,996	-0,077	0,285
CHR12	6247714	CHR12:6247714	SSF x Far_LoA	-8,367	0,103	0,285
CHR12	6256175	CHR12:6256175	SSF x Far_LoA	-11,195	0,011	0,293
CHR12	6256228	CHR12:6256228	SSF x Far_LoA	-10,894	-0,019	0,296
CHR12	6256311	CHR12:6256311	SSF x Far_LoA	-12,153	0,005	0,285
CHR12	6256464	CHR12:6256464	SSF x Far_LoA	-11,038	-0,008	0,291
CHR12	6256501	CHR12:6256501	SSF x Far_LoA	-4,355	0,034	0,297
CHR12	6256528	CHR12:6256528	SSF x Far_LoA	-10,114	0,057	0,285
CHR12	6299795	CHR12:6299795	SSF x Far_LoA	-9,774	0,005	0,296
CHR12	6299802	CHR12:6299802	SSF x Far_LoA	-10,448	-0,064	0,292
CHR12	6299890	CHR12:6299890	SSF x Far_LoA	-11,448	-0,058	0,293
CHR12	6303802	CHR12:6303802	SSF x Far_LoA	-9,774	0,071	0,292
CHR12	6304123	CHR12:6304123	SSF x Far_LoA	-8,500	-0,053	0,266
CHR12	6320142	CHR12:6320142	SSF x Far_LoA	-8,123	-0,102	0,295
CHR12	6320144	CHR12:6320144	SSF x Far_LoA	-9,853	0,116	0,287
CHR12	6320526	CHR12:6320526	SSF x Far_LoA	-8,143	-0,122	0,284
CHR12	6334190	CHR12:6334190	SSF x Far_LoA	-9,314	0,022	0,302
CHR12	6334250	CHR12:6334250	SSF x Far_LoA	-9,212	-0,059	0,300
CHR12	6334274	CHR12:6334274	SSF x Far_LoA	-11,006	0,024	0,289
CHR12	6334294	CHR12:6334294	SSF x Far_LoA	-10,986	-0,007	0,286
CHR12	6334314	CHR12:6334314	SSF x Far_LoA	-11,086	-0,069	0,291
CHR12	6334362	CHR12:6334362	SSF x Far_LoA	-11,870	-0,005	0,293
CHR12	6334403	CHR12:6334403	SSF x Far_LoA	-10,949	-0,063	0,292
CHR12	6334555	CHR12:6334555	SSF x Far_LoA	-10,271	-0,046	0,297
CHR12	6334558	CHR12:6334558	SSF x Far_LoA	-8,676	-0,082	0,282

CHR12	6338645	CHR12:6338645	SSF x Far_LoA	-8,801	0,079	0,288
CHR12	6338726	CHR12:6338726	SSF x Far_LoA	-7,640	0,109	0,283
CHR12	6389747	CHR12:6389747	SSF x Far_LoA	-8,522	0,014	0,300
CHR12	6389888	CHR12:6389888	SSF x Far_LoA	-10,143	0,065	0,291
CHR12	6390726	CHR12:6390726	SSF x Far_LoA	-7,371	0,139	0,274
CHR12	6391484	CHR12:6391484	SSF x Far_LoA	-11,272	0,071	0,284
CHR12	6391505	CHR12:6391505	SSF x Far_LoA	-8,454	0,003	0,284
CHR12	6400827	CHR12:6400827	SSF x Far_LoA	-10,097	-0,069	0,276
CHR12	6400838	CHR12:6400838	SSF x Far_LoA	-8,535	0,071	0,301
CHR12	6400920	CHR12:6400920	SSF x Far_LoA	-7,290	-0,008	0,300
CHR12	6400980	CHR12:6400980	SSF x Far_LoA	-10,953	-0,025	0,294
CHR12	6400983	CHR12:6400983	SSF x Far_LoA	-10,565	0,019	0,296
CHR12	6401034	CHR12:6401034	SSF x Far_LoA	-10,617	0,010	0,295
CHR12	6401100	CHR12:6401100	SSF x Far_LoA	-10,359	-0,022	0,283
CHR12	6403745	CHR12:6403745	SSF x Far_LoA	-8,808	0,040	0,295
CHR12	6403906	CHR12:6403906	SSF x Far_LoA	-9,002	0,041	0,295
CHR12	6403911	CHR12:6403911	SSF x Far_LoA	-11,620	0,011	0,286
CHR12	6403972	CHR12:6403972	SSF x Far_LoA	-8,132	-0,066	0,303
CHR12	6403998	CHR12:6403998	SSF x Far_LoA	-9,186	0,115	0,287
CHR12	6404059	CHR12:6404059	SSF x Far_LoA	-9,637	-0,005	0,300
CHR12	6414712	CHR12:6414712	SSF x Far_LoA	-8,554	0,052	0,291
CHR12	642735	CHR12:642735	SSF x Far_LoA	-10,048	0,103	0,284
CHR12	642767	CHR12:642767	SSF x Far_LoA	-8,540	0,015	0,293
CHR12	642869	CHR12:642869	SSF x Far_LoA	-6,270	-0,202	0,268
CHR12	642918	CHR12:642918	SSF x Far_LoA	-11,899	0,014	0,291
CHR12	6429481	CHR12:6429481	SSF x Far_LoA	-7,625	-0,101	0,288
CHR12	642949	CHR12:642949	SSF x Far_LoA	-9,079	0,129	0,285
CHR12	6429524	CHR12:6429524	SSF x Far_LoA	-9,733	-0,103	0,284
CHR12	6429530	CHR12:6429530	SSF x Far_LoA	-10,436	-0,098	0,282
CHR12	6429539	CHR12:6429539	SSF x Far_LoA	-9,205	0,045	0,273
CHR12	6429542	CHR12:6429542	SSF x Far_LoA	-10,586	-0,059	0,281
CHR12	6429558	CHR12:6429558	SSF x Far_LoA	-8,799	0,042	0,295
CHR12	6429577	CHR12:6429577	SSF x Far_LoA	-8,966	0,052	0,279
CHR12	642959	CHR12:642959	SSF x Far_LoA	-9,914	-0,026	0,295
CHR12	6429825	CHR12:6429825	SSF x Far_LoA	-7,935	-0,005	0,298
CHR12	6429841	CHR12:6429841	SSF x Far_LoA	-4,600	-0,141	0,304
CHR12	6436254	CHR12:6436254	SSF x Far_LoA	-7,474	-0,124	0,295
CHR12	6439059	CHR12:6439059	SSF x Far_LoA	-8,485	-0,021	0,299
CHR12	6439060	CHR12:6439060	SSF x Far_LoA	-10,074	0,114	0,288
CHR12	6439161	CHR12:6439161	SSF x Far_LoA	-10,568	0,059	0,284
CHR12	6439192	CHR12:6439192	SSF x Far_LoA	-8,159	-0,076	0,311
CHR12	6439232	CHR12:6439232	SSF x Far_LoA	-9,029	0,009	0,272
CHR12	6439241	CHR12:6439241	SSF x Far_LoA	-9,796	0,061	0,287
CHR12	6439290	CHR12:6439290	SSF x Far_LoA	-9,849	0,067	0,300
CHR12	6444924	CHR12:6444924	SSF x Far_LoA	-6,899	0,034	0,287
CHR12	6445049	CHR12:6445049	SSF x Far_LoA	-6,594	-0,023	0,290
CHR12	6453061	CHR12:6453061	SSF x Far_LoA	-7,858	0,117	0,291
CHR12	6453083	CHR12:6453083	SSF x Far_LoA	-8,920	-0,030	0,297
CHR12	6453181	CHR12:6453181	SSF x Far_LoA	-11,659	-0,028	0,276
CHR12	6453192	CHR12:6453192	SSF x Far_LoA	-11,576	0,034	0,284
CHR12	6462937	CHR12:6462937	SSF x Far_LoA	-10,056	-0,051	0,288
CHR12	6463045	CHR12:6463045	SSF x Far_LoA	-8,559	0,181	0,267
CHR12	6469108	CHR12:6469108	SSF x Far_LoA	-9,277	-0,046	0,278

CHR12	6469148	CHR12:6469148	SSF x Far_LoA	-10,105	-0,089	0,281
CHR12	6469541	CHR12:6469541	SSF x Far_LoA	-10,329	0,032	0,295
CHR12	647593	CHR12:647593	SSF x Far_LoA	-10,845	0,132	0,286
CHR12	6476611	CHR12:6476611	SSF x Far_LoA	-8,216	0,092	0,277
CHR12	647712	CHR12:647712	SSF x Far_LoA	1,900	0,201	0,299
CHR12	6484692	CHR12:6484692	SSF x Far_LoA	-9,077	0,013	0,294
CHR12	6484725	CHR12:6484725	SSF x Far_LoA	-5,688	-0,069	0,282
CHR12	6484732	CHR12:6484732	SSF x Far_LoA	-2,721	0,096	0,307
CHR12	6484752	CHR12:6484752	SSF x Far_LoA	-9,814	0,002	0,287
CHR12	6484781	CHR12:6484781	SSF x Far_LoA	-7,813	-0,061	0,300
CHR12	6494915	CHR12:6494915	SSF x Far_LoA	-9,912	0,134	0,282
CHR12	6494919	CHR12:6494919	SSF x Far_LoA	-7,694	0,064	0,295
CHR12	6516812	CHR12:6516812	SSF x Far_LoA	-6,418	-0,144	0,300
CHR12	6516879	CHR12:6516879	SSF x Far_LoA	-11,560	-0,041	0,283
CHR12	6517041	CHR12:6517041	SSF x Far_LoA	-10,014	-0,109	0,299
CHR12	6517140	CHR12:6517140	SSF x Far_LoA	-10,390	-0,109	0,292
CHR12	6520417	CHR12:6520417	SSF x Far_LoA	-9,718	-0,131	0,282
CHR12	6520550	CHR12:6520550	SSF x Far_LoA	-9,194	-0,079	0,282
CHR12	6528469	CHR12:6528469	SSF x Far_LoA	-11,230	-0,070	0,282
CHR12	6528470	CHR12:6528470	SSF x Far_LoA	-10,591	-0,065	0,295
CHR12	6532167	CHR12:6532167	SSF x Far_LoA	-7,889	0,060	0,281
CHR12	6532263	CHR12:6532263	SSF x Far_LoA	-9,100	0,005	0,292
CHR12	6532282	CHR12:6532282	SSF x Far_LoA	-10,187	-0,091	0,287
CHR12	6546443	CHR12:6546443	SSF x Far_LoA	-4,283	0,031	0,287
CHR12	6552219	CHR12:6552219	SSF x Far_LoA	-9,844	-0,096	0,281
CHR12	6552280	CHR12:6552280	SSF x Far_LoA	-9,776	0,023	0,296
CHR12	6552284	CHR12:6552284	SSF x Far_LoA	-8,584	0,012	0,300
CHR12	6552399	CHR12:6552399	SSF x Far_LoA	-8,494	-0,201	0,287
CHR12	6575772	CHR12:6575772	SSF x Far_LoA	-9,005	-0,098	0,267
CHR12	6575812	CHR12:6575812	SSF x Far_LoA	-8,193	-0,092	0,291
CHR12	6575844	CHR12:6575844	SSF x Far_LoA	-10,525	0,047	0,275
CHR12	6579737	CHR12:6579737	SSF x Far_LoA	-10,656	0,039	0,297
CHR12	6579748	CHR12:6579748	SSF x Far_LoA	-11,683	0,040	0,289
CHR12	6579961	CHR12:6579961	SSF x Far_LoA	-6,133	-0,181	0,273
CHR12	6579967	CHR12:6579967	SSF x Far_LoA	-3,189	-0,109	0,280
CHR12	6597282	CHR12:6597282	SSF x Far_LoA	-9,757	0,025	0,302
CHR12	6597386	CHR12:6597386	SSF x Far_LoA	-11,685	0,000	0,302
CHR12	6597455	CHR12:6597455	SSF x Far_LoA	-8,675	0,100	0,303
CHR12	6597501	CHR12:6597501	SSF x Far_LoA	-10,389	-0,040	0,290
CHR12	6597516	CHR12:6597516	SSF x Far_LoA	-10,177	-0,040	0,282
CHR12	6597518	CHR12:6597518	SSF x Far_LoA	-8,955	-0,069	0,287
CHR12	6597520	CHR12:6597520	SSF x Far_LoA	-8,916	-0,037	0,292
CHR12	6597532	CHR12:6597532	SSF x Far_LoA	-9,487	0,066	0,290
CHR12	6599762	CHR12:6599762	SSF x Far_LoA	-1,930	0,216	0,284
CHR12	6599776	CHR12:6599776	SSF x Far_LoA	-5,641	0,216	0,277
CHR12	6599810	CHR12:6599810	SSF x Far_LoA	-4,873	-0,245	0,281
CHR12	6599914	CHR12:6599914	SSF x Far_LoA	-5,987	-0,176	0,280
CHR12	6600111	CHR12:6600111	SSF x Far_LoA	-8,242	0,088	0,277
CHR12	6601798	CHR12:6601798	SSF x Far_LoA	-10,725	-0,031	0,285
CHR12	6640285	CHR12:6640285	SSF x Far_LoA	-9,078	0,085	0,304
CHR12	6640485	CHR12:6640485	SSF x Far_LoA	-9,608	0,052	0,275
CHR12	6656730	CHR12:6656730	SSF x Far_LoA	-10,673	0,107	0,293
CHR12	6656812	CHR12:6656812	SSF x Far_LoA	-7,016	0,041	0,273

CHR12	6656817	CHR12:6656817	SSF x Far_LoA	-9,388	0,035	0,277
CHR12	667400	CHR12:667400	SSF x Far_LoA	-9,853	0,046	0,297
CHR12	667403	CHR12:667403	SSF x Far_LoA	-10,759	0,045	0,288
CHR12	667405	CHR12:667405	SSF x Far_LoA	-10,789	0,048	0,263
CHR12	669674	CHR12:669674	SSF x Far_LoA	-11,445	-0,071	0,288
CHR12	669774	CHR12:669774	SSF x Far_LoA	-10,105	-0,004	0,301
CHR12	6703503	CHR12:6703503	SSF x Far_LoA	-4,509	0,129	0,284
CHR12	6703649	CHR12:6703649	SSF x Far_LoA	-4,760	-0,033	0,290
CHR12	6715753	CHR12:6715753	SSF x Far_LoA	-8,330	0,081	0,286
CHR12	6715757	CHR12:6715757	SSF x Far_LoA	-8,594	0,104	0,287
CHR12	6715776	CHR12:6715776	SSF x Far_LoA	-6,927	0,156	0,301
CHR12	6715791	CHR12:6715791	SSF x Far_LoA	-9,983	0,078	0,287
CHR12	6715891	CHR12:6715891	SSF x Far_LoA	-6,068	0,145	0,281
CHR12	6715907	CHR12:6715907	SSF x Far_LoA	-8,717	0,123	0,276
CHR12	6715937	CHR12:6715937	SSF x Far_LoA	-8,699	-0,070	0,294
CHR12	6716093	CHR12:6716093	SSF x Far_LoA	-6,866	-0,152	0,283
CHR12	6731092	CHR12:6731092	SSF x Far_LoA	-10,768	0,126	0,282
CHR12	6731097	CHR12:6731097	SSF x Far_LoA	2,729	-0,139	0,279
CHR12	6764844	CHR12:6764844	SSF x Far_LoA	-10,502	-0,018	0,293
CHR12	6764932	CHR12:6764932	SSF x Far_LoA	-6,027	0,174	0,284
CHR12	676587	CHR12:676587	SSF x Far_LoA	-8,151	-0,141	0,285
CHR12	6768267	CHR12:6768267	SSF x Far_LoA	-8,260	-0,031	0,280
CHR12	6768410	CHR12:6768410	SSF x Far_LoA	-11,038	-0,044	0,283
CHR12	6768505	CHR12:6768505	SSF x Far_LoA	-6,669	-0,152	0,272
CHR12	6768522	CHR12:6768522	SSF x Far_LoA	-8,450	-0,139	0,284
CHR12	6773295	CHR12:6773295	SSF x Far_LoA	-9,759	-0,039	0,298
CHR12	6773296	CHR12:6773296	SSF x Far_LoA	-9,701	-0,083	0,292
CHR12	6773418	CHR12:6773418	SSF x Far_LoA	-11,153	-0,063	0,288
CHR12	6785256	CHR12:6785256	SSF x Far_LoA	-10,542	-0,016	0,293
CHR12	6827355	CHR12:6827355	SSF x Far_LoA	-8,214	-0,004	0,293
CHR12	6827483	CHR12:6827483	SSF x Far_LoA	-9,706	0,102	0,271
CHR12	6831445	CHR12:6831445	SSF x Far_LoA	-5,554	-0,114	0,279
CHR12	6845340	CHR12:6845340	SSF x Far_LoA	-11,589	0,061	0,285
CHR12	6845613	CHR12:6845613	SSF x Far_LoA	-8,740	-0,002	0,277
CHR12	6845662	CHR12:6845662	SSF x Far_LoA	-11,035	0,058	0,280
CHR12	6845666	CHR12:6845666	SSF x Far_LoA	-11,073	0,001	0,291
CHR12	6845685	CHR12:6845685	SSF x Far_LoA	-8,937	-0,029	0,277
CHR12	6845717	CHR12:6845717	SSF x Far_LoA	-6,793	0,134	0,283
CHR12	6845735	CHR12:6845735	SSF x Far_LoA	-10,134	0,037	0,283
CHR12	6845745	CHR12:6845745	SSF x Far_LoA	-6,881	-0,161	0,284
CHR12	6845761	CHR12:6845761	SSF x Far_LoA	-11,378	0,072	0,288
CHR12	6845783	CHR12:6845783	SSF x Far_LoA	-9,822	-0,050	0,294
CHR12	6845790	CHR12:6845790	SSF x Far_LoA	-9,470	0,008	0,285
CHR12	6845819	CHR12:6845819	SSF x Far_LoA	-7,608	0,066	0,296
CHR12	6851171	CHR12:6851171	SSF x Far_LoA	-6,302	-0,159	0,273
CHR12	6851176	CHR12:6851176	SSF x Far_LoA	-10,473	0,021	0,284
CHR12	6851247	CHR12:6851247	SSF x Far_LoA	-10,150	-0,054	0,278
CHR12	685499	CHR12:685499	SSF x Far_LoA	-9,530	0,063	0,278
CHR12	685644	CHR12:685644	SSF x Far_LoA	-10,723	0,116	0,276
CHR12	6857418	CHR12:6857418	SSF x Far_LoA	-10,112	-0,019	0,266
CHR12	6857494	CHR12:6857494	SSF x Far_LoA	-6,377	0,030	0,297
CHR12	6857535	CHR12:6857535	SSF x Far_LoA	-8,825	-0,079	0,284
CHR12	6861138	CHR12:6861138	SSF x Far_LoA	-8,531	0,037	0,299

CHR12	6861212	CHR12:6861212	SSF x Far_LoA	-8,961	-0,002	0,303
CHR12	6861262	CHR12:6861262	SSF x Far_LoA	-9,209	0,076	0,292
CHR12	6861355	CHR12:6861355	SSF x Far_LoA	-9,815	0,074	0,284
CHR12	6863195	CHR12:6863195	SSF x Far_LoA	-9,584	0,120	0,294
CHR12	6863343	CHR12:6863343	SSF x Far_LoA	-9,959	-0,101	0,283
CHR12	6863574	CHR12:6863574	SSF x Far_LoA	-8,803	-0,078	0,282
CHR12	6867289	CHR12:6867289	SSF x Far_LoA	-8,605	-0,002	0,296
CHR12	6867371	CHR12:6867371	SSF x Far_LoA	-10,877	0,000	0,292
CHR12	6867428	CHR12:6867428	SSF x Far_LoA	-3,325	0,096	0,308
CHR12	6867522	CHR12:6867522	SSF x Far_LoA	-9,339	0,056	0,288
CHR12	6870048	CHR12:6870048	SSF x Far_LoA	-11,656	0,046	0,276
CHR12	6870078	CHR12:6870078	SSF x Far_LoA	-12,158	-0,022	0,290
CHR12	6870107	CHR12:6870107	SSF x Far_LoA	-8,132	0,047	0,300
CHR12	6870270	CHR12:6870270	SSF x Far_LoA	-8,123	-0,197	0,273
CHR12	6870308	CHR12:6870308	SSF x Far_LoA	-7,078	-0,056	0,292
CHR12	6874199	CHR12:6874199	SSF x Far_LoA	-5,553	-0,186	0,287
CHR12	6874318	CHR12:6874318	SSF x Far_LoA	-5,717	-0,178	0,297
CHR12	6874328	CHR12:6874328	SSF x Far_LoA	-8,962	-0,156	0,295
CHR12	6874357	CHR12:6874357	SSF x Far_LoA	-6,353	-0,192	0,265
CHR12	6874395	CHR12:6874395	SSF x Far_LoA	-8,919	-0,014	0,301
CHR12	6874509	CHR12:6874509	SSF x Far_LoA	-7,606	-0,028	0,311
CHR12	6899424	CHR12:6899424	SSF x Far_LoA	-7,335	-0,192	0,282
CHR12	6899523	CHR12:6899523	SSF x Far_LoA	-5,299	0,106	0,285
CHR12	6899527	CHR12:6899527	SSF x Far_LoA	-4,783	0,122	0,271
CHR12	6899600	CHR12:6899600	SSF x Far_LoA	-8,867	-0,099	0,295
CHR12	6899627	CHR12:6899627	SSF x Far_LoA	-8,858	-0,019	0,288
CHR12	6900312	CHR12:6900312	SSF x Far_LoA	-9,501	0,113	0,285
CHR12	6900323	CHR12:6900323	SSF x Far_LoA	-11,423	0,040	0,291
CHR12	6900349	CHR12:6900349	SSF x Far_LoA	-8,190	-0,072	0,283
CHR12	6900407	CHR12:6900407	SSF x Far_LoA	-8,754	0,013	0,287
CHR12	6908056	CHR12:6908056	SSF x Far_LoA	-11,058	0,034	0,296
CHR12	6908062	CHR12:6908062	SSF x Far_LoA	-3,110	0,190	0,278
CHR12	6908098	CHR12:6908098	SSF x Far_LoA	-8,251	-0,011	0,310
CHR12	6908139	CHR12:6908139	SSF x Far_LoA	-6,002	-0,120	0,271
CHR12	6908274	CHR12:6908274	SSF x Far_LoA	-7,729	0,112	0,293
CHR12	6911786	CHR12:6911786	SSF x Far_LoA	-8,771	-0,061	0,282
CHR12	6911818	CHR12:6911818	SSF x Far_LoA	-9,892	0,035	0,287
CHR12	6912041	CHR12:6912041	SSF x Far_LoA	-9,776	-0,113	0,297
CHR12	6912206	CHR12:6912206	SSF x Far_LoA	-9,284	-0,044	0,281
CHR12	6917697	CHR12:6917697	SSF x Far_LoA	-7,450	-0,098	0,290
CHR12	6925071	CHR12:6925071	SSF x Far_LoA	-9,177	-0,039	0,277
CHR12	6926806	CHR12:6926806	SSF x Far_LoA	-8,815	0,008	0,289
CHR12	6928081	CHR12:6928081	SSF x Far_LoA	-8,791	-0,097	0,286
CHR12	6934042	CHR12:6934042	SSF x Far_LoA	-9,727	0,048	0,294
CHR12	6934046	CHR12:6934046	SSF x Far_LoA	-10,099	0,004	0,303
CHR12	6934098	CHR12:6934098	SSF x Far_LoA	-8,798	-0,006	0,316
CHR12	6966966	CHR12:6966966	SSF x Far_LoA	-8,415	0,101	0,285
CHR12	6967019	CHR12:6967019	SSF x Far_LoA	-10,017	-0,004	0,293
CHR12	6967041	CHR12:6967041	SSF x Far_LoA	-10,531	-0,025	0,296
CHR12	6967068	CHR12:6967068	SSF x Far_LoA	-7,553	-0,018	0,289
CHR12	6969997	CHR12:6969997	SSF x Far_LoA	-10,882	-0,005	0,306
CHR12	6970224	CHR12:6970224	SSF x Far_LoA	-10,521	-0,004	0,302
CHR12	6977173	CHR12:6977173	SSF x Far_LoA	-9,395	-0,013	0,285

CHR12	6979254	CHR12:6979254	SSF x Far_LoA	-8,287	-0,090	0,281
CHR12	6979358	CHR12:6979358	SSF x Far_LoA	-8,749	-0,074	0,296
CHR12	6980178	CHR12:6980178	SSF x Far_LoA	-9,609	0,043	0,277
CHR12	7004259	CHR12:7004259	SSF x Far_LoA	-11,002	0,115	0,290
CHR12	7004294	CHR12:7004294	SSF x Far_LoA	-10,970	0,083	0,288
CHR12	7012615	CHR12:7012615	SSF x Far_LoA	-8,005	-0,114	0,310
CHR12	7012623	CHR12:7012623	SSF x Far_LoA	-11,268	-0,053	0,293
CHR12	7012940	CHR12:7012940	SSF x Far_LoA	-8,838	-0,035	0,297
CHR12	7030874	CHR12:7030874	SSF x Far_LoA	-10,889	0,093	0,281
CHR12	7051203	CHR12:7051203	SSF x Far_LoA	-10,142	-0,040	0,274
CHR12	7061377	CHR12:7061377	SSF x Far_LoA	-7,009	0,057	0,304
CHR12	7082671	CHR12:7082671	SSF x Far_LoA	-6,329	0,140	0,287
CHR12	7082732	CHR12:7082732	SSF x Far_LoA	-8,598	0,038	0,308
CHR12	709973	CHR12:709973	SSF x Far_LoA	-10,875	0,011	0,290
CHR12	709988	CHR12:709988	SSF x Far_LoA	-9,495	-0,020	0,292
CHR12	709993	CHR12:709993	SSF x Far_LoA	-9,658	-0,075	0,276
CHR12	710051	CHR12:710051	SSF x Far_LoA	-8,184	-0,042	0,292
CHR12	7111053	CHR12:7111053	SSF x Far_LoA	-10,863	-0,050	0,289
CHR12	7111176	CHR12:7111176	SSF x Far_LoA	-8,632	-0,069	0,283
CHR12	7111278	CHR12:7111278	SSF x Far_LoA	-10,956	-0,008	0,272
CHR12	7114731	CHR12:7114731	SSF x Far_LoA	-7,939	-0,140	0,271
CHR12	711921	CHR12:711921	SSF x Far_LoA	-7,593	-0,088	0,290
CHR12	712156	CHR12:712156	SSF x Far_LoA	-9,993	-0,060	0,287
CHR12	712167	CHR12:712167	SSF x Far_LoA	-10,452	0,083	0,283
CHR12	7122885	CHR12:7122885	SSF x Far_LoA	-9,870	-0,005	0,278
CHR12	7122896	CHR12:7122896	SSF x Far_LoA	-5,266	-0,065	0,304
CHR12	7122958	CHR12:7122958	SSF x Far_LoA	-11,916	0,004	0,280
CHR12	7145032	CHR12:7145032	SSF x Far_LoA	-9,457	-0,051	0,300
CHR12	7145130	CHR12:7145130	SSF x Far_LoA	-9,429	0,101	0,292
CHR12	7145196	CHR12:7145196	SSF x Far_LoA	-5,808	-0,032	0,293
CHR12	7145256	CHR12:7145256	SSF x Far_LoA	-11,701	0,032	0,287
CHR12	7151803	CHR12:7151803	SSF x Far_LoA	-11,569	-0,053	0,296
CHR12	7151950	CHR12:7151950	SSF x Far_LoA	-9,068	-0,024	0,294
CHR12	7158934	CHR12:7158934	SSF x Far_LoA	-10,079	0,049	0,284
CHR12	7158998	CHR12:7158998	SSF x Far_LoA	-8,484	-0,057	0,314
CHR12	7159199	CHR12:7159199	SSF x Far_LoA	-6,662	-0,013	0,295
CHR12	7159305	CHR12:7159305	SSF x Far_LoA	-2,967	0,081	0,274
CHR12	7166259	CHR12:7166259	SSF x Far_LoA	-8,366	0,002	0,297
CHR12	7169551	CHR12:7169551	SSF x Far_LoA	-5,536	-0,095	0,294
CHR12	7169563	CHR12:7169563	SSF x Far_LoA	-9,273	0,047	0,294
CHR12	7179240	CHR12:7179240	SSF x Far_LoA	-11,661	-0,024	0,294
CHR12	7184636	CHR12:7184636	SSF x Far_LoA	-9,435	-0,019	0,292
CHR12	7186704	CHR12:7186704	SSF x Far_LoA	-9,654	0,152	0,286
CHR12	7186708	CHR12:7186708	SSF x Far_LoA	-9,802	0,113	0,285
CHR12	7193857	CHR12:7193857	SSF x Far_LoA	-10,548	0,051	0,288
CHR12	7193931	CHR12:7193931	SSF x Far_LoA	-6,979	-0,111	0,303
CHR12	7194158	CHR12:7194158	SSF x Far_LoA	-10,225	0,033	0,300
CHR12	7198075	CHR12:7198075	SSF x Far_LoA	-9,501	0,018	0,286
CHR12	7198181	CHR12:7198181	SSF x Far_LoA	-10,925	0,040	0,302
CHR12	7202900	CHR12:7202900	SSF x Far_LoA	-9,808	0,090	0,287
CHR12	7213060	CHR12:7213060	SSF x Far_LoA	-9,143	-0,079	0,286
CHR12	7213076	CHR12:7213076	SSF x Far_LoA	-9,390	-0,078	0,277
CHR12	7213120	CHR12:7213120	SSF x Far_LoA	-9,847	-0,060	0,270

CHR12	7213145	CHR12:7213145	SSF x Far_LoA	-9,679	0,001	0,291
CHR12	7216863	CHR12:7216863	SSF x Far_LoA	-9,515	-0,025	0,283
CHR12	7219383	CHR12:7219383	SSF x Far_LoA	-8,977	0,089	0,294
CHR12	7245563	CHR12:7245563	SSF x Far_LoA	-10,102	-0,050	0,290
CHR12	7245611	CHR12:7245611	SSF x Far_LoA	-9,537	0,002	0,295
CHR12	7252648	CHR12:7252648	SSF x Far_LoA	-9,290	0,035	0,283
CHR12	7255799	CHR12:7255799	SSF x Far_LoA	-8,020	0,079	0,306
CHR12	7255951	CHR12:7255951	SSF x Far_LoA	-5,842	0,032	0,305
CHR12	7257539	CHR12:7257539	SSF x Far_LoA	-10,412	-0,005	0,286
CHR12	7257578	CHR12:7257578	SSF x Far_LoA	-7,531	0,107	0,287
CHR12	7288684	CHR12:7288684	SSF x Far_LoA	-9,268	-0,013	0,298
CHR12	7288705	CHR12:7288705	SSF x Far_LoA	-11,488	0,104	0,284
CHR12	7288738	CHR12:7288738	SSF x Far_LoA	-6,948	-0,036	0,293
CHR12	7288745	CHR12:7288745	SSF x Far_LoA	-9,275	0,048	0,292
CHR12	7288746	CHR12:7288746	SSF x Far_LoA	-11,652	0,003	0,288
CHR12	7290487	CHR12:7290487	SSF x Far_LoA	-9,479	0,065	0,290
CHR12	7290510	CHR12:7290510	SSF x Far_LoA	-1,247	-0,130	0,277
CHR12	7290583	CHR12:7290583	SSF x Far_LoA	-9,195	0,092	0,283
CHR12	7290619	CHR12:7290619	SSF x Far_LoA	-8,174	0,068	0,293
CHR12	7290661	CHR12:7290661	SSF x Far_LoA	-10,238	-0,015	0,291
CHR12	7290713	CHR12:7290713	SSF x Far_LoA	-6,840	0,093	0,301
CHR12	7290721	CHR12:7290721	SSF x Far_LoA	-9,339	0,000	0,293
CHR12	7309093	CHR12:7309093	SSF x Far_LoA	-11,975	0,051	0,296
CHR12	7309162	CHR12:7309162	SSF x Far_LoA	-9,635	0,077	0,291
CHR12	7325232	CHR12:7325232	SSF x Far_LoA	-6,100	0,020	0,297
CHR12	7325245	CHR12:7325245	SSF x Far_LoA	-8,732	-0,134	0,290
CHR12	735262	CHR12:735262	SSF x Far_LoA	-9,465	-0,101	0,279
CHR12	735295	CHR12:735295	SSF x Far_LoA	-9,081	0,107	0,298
CHR12	7371729	CHR12:7371729	SSF x Far_LoA	-11,294	0,023	0,291
CHR12	7386947	CHR12:7386947	SSF x Far_LoA	-7,740	0,086	0,271
CHR12	7386948	CHR12:7386948	SSF x Far_LoA	-8,123	0,061	0,283
CHR12	7392208	CHR12:7392208	SSF x Far_LoA	-7,796	0,033	0,289
CHR12	7392258	CHR12:7392258	SSF x Far_LoA	-8,673	0,039	0,287
CHR12	740193	CHR12:740193	SSF x Far_LoA	-10,570	-0,117	0,291
CHR12	740300	CHR12:740300	SSF x Far_LoA	-6,396	-0,026	0,296
CHR12	740303	CHR12:740303	SSF x Far_LoA	-11,266	-0,062	0,290
CHR12	740369	CHR12:740369	SSF x Far_LoA	-10,444	-0,017	0,288
CHR12	7405710	CHR12:7405710	SSF x Far_LoA	-6,136	0,086	0,314
CHR12	7405724	CHR12:7405724	SSF x Far_LoA	-6,727	-0,104	0,296
CHR12	7405814	CHR12:7405814	SSF x Far_LoA	-4,962	0,104	0,290
CHR12	7405857	CHR12:7405857	SSF x Far_LoA	-10,404	-0,045	0,298
CHR12	7405873	CHR12:7405873	SSF x Far_LoA	-6,476	0,146	0,294
CHR12	7405892	CHR12:7405892	SSF x Far_LoA	-10,753	-0,087	0,297
CHR12	7405996	CHR12:7405996	SSF x Far_LoA	-9,611	0,028	0,277
CHR12	7406018	CHR12:7406018	SSF x Far_LoA	-7,921	-0,075	0,274
CHR12	7408832	CHR12:7408832	SSF x Far_LoA	-4,746	0,133	0,299
CHR12	7408857	CHR12:7408857	SSF x Far_LoA	-11,455	0,058	0,295
CHR12	7410718	CHR12:7410718	SSF x Far_LoA	-9,998	0,081	0,280
CHR12	7424799	CHR12:7424799	SSF x Far_LoA	-11,363	-0,025	0,290
CHR12	7424889	CHR12:7424889	SSF x Far_LoA	-9,185	0,076	0,284
CHR12	7436650	CHR12:7436650	SSF x Far_LoA	-8,405	-0,053	0,299
CHR12	7436766	CHR12:7436766	SSF x Far_LoA	-8,414	0,002	0,294
CHR12	7436781	CHR12:7436781	SSF x Far_LoA	-8,646	-0,008	0,300

CHR12	7436793	CHR12:7436793	SSF x Far_LoA	-11,331	-0,073	0,294
CHR12	7440264	CHR12:7440264	SSF x Far_LoA	-11,246	0,025	0,281
CHR12	7440502	CHR12:7440502	SSF x Far_LoA	-9,154	0,011	0,295
CHR12	7463053	CHR12:7463053	SSF x Far_LoA	-9,440	-0,089	0,296
CHR12	7463117	CHR12:7463117	SSF x Far_LoA	-10,394	-0,040	0,292
CHR12	7463834	CHR12:7463834	SSF x Far_LoA	-9,276	-0,098	0,288
CHR12	7463912	CHR12:7463912	SSF x Far_LoA	-8,700	-0,074	0,294
CHR12	7472243	CHR12:7472243	SSF x Far_LoA	-9,832	0,073	0,281
CHR12	7472244	CHR12:7472244	SSF x Far_LoA	-5,920	-0,017	0,292
CHR12	7472265	CHR12:7472265	SSF x Far_LoA	-11,699	-0,030	0,290
CHR12	7472277	CHR12:7472277	SSF x Far_LoA	-9,411	0,045	0,294
CHR12	7472367	CHR12:7472367	SSF x Far_LoA	-6,824	0,182	0,290
CHR12	7472417	CHR12:7472417	SSF x Far_LoA	-8,906	0,076	0,287
CHR12	7472428	CHR12:7472428	SSF x Far_LoA	-11,180	0,053	0,289
CHR12	7486856	CHR12:7486856	SSF x Far_LoA	-8,905	0,021	0,288
CHR12	7488201	CHR12:7488201	SSF x Far_LoA	-4,171	-0,167	0,277
CHR12	7504374	CHR12:7504374	SSF x Far_LoA	-8,834	0,092	0,290
CHR12	7504387	CHR12:7504387	SSF x Far_LoA	-7,533	-0,021	0,307
CHR12	7504428	CHR12:7504428	SSF x Far_LoA	-10,727	-0,084	0,280
CHR12	7504499	CHR12:7504499	SSF x Far_LoA	-8,873	0,052	0,283
CHR12	7515605	CHR12:7515605	SSF x Far_LoA	-9,002	-0,012	0,282
CHR12	7531031	CHR12:7531031	SSF x Far_LoA	-5,522	-0,185	0,290
CHR12	7531152	CHR12:7531152	SSF x Far_LoA	-8,888	0,058	0,287
CHR12	7531299	CHR12:7531299	SSF x Far_LoA	-10,203	0,051	0,300
CHR12	7535315	CHR12:7535315	SSF x Far_LoA	-8,625	0,161	0,269
CHR12	7538271	CHR12:7538271	SSF x Far_LoA	-11,141	0,042	0,293
CHR12	7538285	CHR12:7538285	SSF x Far_LoA	-8,653	-0,085	0,302
CHR12	7541005	CHR12:7541005	SSF x Far_LoA	-8,691	-0,030	0,286
CHR12	7541023	CHR12:7541023	SSF x Far_LoA	-10,369	0,087	0,297
CHR12	7541060	CHR12:7541060	SSF x Far_LoA	-7,739	0,028	0,304
CHR12	7541068	CHR12:7541068	SSF x Far_LoA	-8,868	0,050	0,310
CHR12	7541172	CHR12:7541172	SSF x Far_LoA	-6,906	-0,148	0,280
CHR12	7541198	CHR12:7541198	SSF x Far_LoA	-9,888	0,047	0,296
CHR12	7541204	CHR12:7541204	SSF x Far_LoA	-4,950	0,124	0,295
CHR12	7565043	CHR12:7565043	SSF x Far_LoA	-9,505	-0,060	0,279
CHR12	7565047	CHR12:7565047	SSF x Far_LoA	-9,590	-0,014	0,295
CHR12	7565068	CHR12:7565068	SSF x Far_LoA	-10,766	-0,080	0,301
CHR12	7565139	CHR12:7565139	SSF x Far_LoA	0,531	-0,150	0,296
CHR12	7565147	CHR12:7565147	SSF x Far_LoA	-10,509	0,035	0,295
CHR12	7565285	CHR12:7565285	SSF x Far_LoA	-10,498	0,113	0,284
CHR12	7565300	CHR12:7565300	SSF x Far_LoA	-9,018	0,063	0,291
CHR12	7565416	CHR12:7565416	SSF x Far_LoA	-11,908	0,006	0,289
CHR12	7581962	CHR12:7581962	SSF x Far_LoA	-10,592	-0,095	0,291
CHR12	7597215	CHR12:7597215	SSF x Far_LoA	-6,198	-0,111	0,308
CHR12	7597276	CHR12:7597276	SSF x Far_LoA	-10,275	0,027	0,300
CHR12	7597294	CHR12:7597294	SSF x Far_LoA	-6,530	-0,071	0,301
CHR12	7597364	CHR12:7597364	SSF x Far_LoA	-11,341	-0,030	0,288
CHR12	7597407	CHR12:7597407	SSF x Far_LoA	-8,092	0,090	0,285
CHR12	7602800	CHR12:7602800	SSF x Far_LoA	-10,252	0,021	0,292
CHR12	7602815	CHR12:7602815	SSF x Far_LoA	-10,191	0,008	0,291
CHR12	7603071	CHR12:7603071	SSF x Far_LoA	-8,871	-0,023	0,297
CHR12	7603078	CHR12:7603078	SSF x Far_LoA	-8,977	-0,005	0,293
CHR12	7603079	CHR12:7603079	SSF x Far_LoA	-9,513	-0,017	0,303

CHR12	7603082	CHR12:7603082	SSF x Far_LoA	-9,292	0,033	0,285
CHR12	7603102	CHR12:7603102	SSF x Far_LoA	-10,017	-0,096	0,291
CHR12	7612846	CHR12:7612846	SSF x Far_LoA	-7,198	0,142	0,282
CHR12	7612914	CHR12:7612914	SSF x Far_LoA	-5,475	0,131	0,293
CHR12	7612968	CHR12:7612968	SSF x Far_LoA	-7,771	0,150	0,302
CHR12	7613090	CHR12:7613090	SSF x Far_LoA	-7,654	-0,089	0,291
CHR12	764696	CHR12:764696	SSF x Far_LoA	-8,709	0,051	0,289
CHR12	764928	CHR12:764928	SSF x Far_LoA	-9,711	-0,084	0,297
CHR12	764998	CHR12:764998	SSF x Far_LoA	-9,940	-0,079	0,284
CHR12	7658613	CHR12:7658613	SSF x Far_LoA	-10,202	-0,080	0,297
CHR12	7658663	CHR12:7658663	SSF x Far_LoA	-5,579	0,185	0,294
CHR12	7660177	CHR12:7660177	SSF x Far_LoA	-10,853	0,003	0,284
CHR12	7660201	CHR12:7660201	SSF x Far_LoA	-10,987	-0,045	0,293
CHR12	7660208	CHR12:7660208	SSF x Far_LoA	-8,921	-0,080	0,290
CHR12	7660211	CHR12:7660211	SSF x Far_LoA	-8,493	-0,102	0,278
CHR12	7660247	CHR12:7660247	SSF x Far_LoA	-9,286	-0,045	0,278
CHR12	7660252	CHR12:7660252	SSF x Far_LoA	-9,018	-0,027	0,302
CHR12	7660253	CHR12:7660253	SSF x Far_LoA	-8,781	-0,035	0,283
CHR12	7660259	CHR12:7660259	SSF x Far_LoA	-9,421	0,010	0,299
CHR12	7660296	CHR12:7660296	SSF x Far_LoA	-9,449	-0,060	0,293
CHR12	7660382	CHR12:7660382	SSF x Far_LoA	-7,841	0,103	0,282
CHR12	7660408	CHR12:7660408	SSF x Far_LoA	-10,773	-0,108	0,288
CHR12	7660510	CHR12:7660510	SSF x Far_LoA	-9,586	-0,046	0,291
CHR12	7671305	CHR12:7671305	SSF x Far_LoA	-11,245	-0,049	0,290
CHR12	7671485	CHR12:7671485	SSF x Far_LoA	-8,840	-0,158	0,290
CHR12	7671502	CHR12:7671502	SSF x Far_LoA	-8,977	-0,160	0,290
CHR12	7675912	CHR12:7675912	SSF x Far_LoA	-10,000	-0,094	0,275
CHR12	7675960	CHR12:7675960	SSF x Far_LoA	-12,357	0,033	0,286
CHR12	7680470	CHR12:7680470	SSF x Far_LoA	-8,896	0,063	0,291
CHR12	7680483	CHR12:7680483	SSF x Far_LoA	-8,390	-0,045	0,300
CHR12	7680507	CHR12:7680507	SSF x Far_LoA	-11,546	0,002	0,292
CHR12	7680540	CHR12:7680540	SSF x Far_LoA	-8,310	0,014	0,297
CHR12	7680553	CHR12:7680553	SSF x Far_LoA	-7,494	-0,045	0,298
CHR12	7691258	CHR12:7691258	SSF x Far_LoA	-8,724	0,046	0,276
CHR12	7700740	CHR12:7700740	SSF x Far_LoA	-9,365	-0,065	0,287
CHR12	7700753	CHR12:7700753	SSF x Far_LoA	-10,448	0,083	0,266
CHR12	7721970	CHR12:7721970	SSF x Far_LoA	-9,034	-0,106	0,296
CHR12	7722082	CHR12:7722082	SSF x Far_LoA	-5,786	-0,082	0,294
CHR12	7722136	CHR12:7722136	SSF x Far_LoA	-10,697	0,003	0,303
CHR12	7722161	CHR12:7722161	SSF x Far_LoA	-10,928	-0,021	0,300
CHR12	7733206	CHR12:7733206	SSF x Far_LoA	-8,911	-0,075	0,269
CHR12	7733246	CHR12:7733246	SSF x Far_LoA	-8,274	0,074	0,289
CHR12	7733587	CHR12:7733587	SSF x Far_LoA	-8,210	0,054	0,291
CHR12	7733593	CHR12:7733593	SSF x Far_LoA	-8,180	0,038	0,287
CHR12	7733601	CHR12:7733601	SSF x Far_LoA	-9,298	0,053	0,276
CHR12	7733647	CHR12:7733647	SSF x Far_LoA	-8,937	0,003	0,297
CHR12	7733653	CHR12:7733653	SSF x Far_LoA	-7,958	-0,020	0,283
CHR12	7733674	CHR12:7733674	SSF x Far_LoA	-8,857	-0,030	0,275
CHR12	7733703	CHR12:7733703	SSF x Far_LoA	-9,141	-0,080	0,291
CHR12	7733705	CHR12:7733705	SSF x Far_LoA	-8,624	-0,077	0,293
CHR12	7744813	CHR12:7744813	SSF x Far_LoA	-8,686	-0,029	0,292
CHR12	7744933	CHR12:7744933	SSF x Far_LoA	-11,588	-0,090	0,289
CHR12	7788801	CHR12:7788801	SSF x Far_LoA	-9,987	-0,041	0,279

CHR12	7788806	CHR12:7788806	SSF x Far_LoA	-9,210	-0,033	0,290
CHR12	7788842	CHR12:7788842	SSF x Far_LoA	-8,293	0,087	0,278
CHR12	7805105	CHR12:7805105	SSF x Far_LoA	-9,311	-0,013	0,292
CHR12	7805111	CHR12:7805111	SSF x Far_LoA	-10,122	0,020	0,282
CHR12	7805181	CHR12:7805181	SSF x Far_LoA	-9,514	-0,083	0,285
CHR12	7814429	CHR12:7814429	SSF x Far_LoA	-10,155	-0,022	0,291
CHR12	7814489	CHR12:7814489	SSF x Far_LoA	-11,249	0,047	0,289
CHR12	7814518	CHR12:7814518	SSF x Far_LoA	-9,157	-0,008	0,292
CHR12	7819938	CHR12:7819938	SSF x Far_LoA	-10,166	0,020	0,284
CHR12	7820120	CHR12:7820120	SSF x Far_LoA	-9,367	-0,020	0,280
CHR12	7833802	CHR12:7833802	SSF x Far_LoA	-7,936	-0,100	0,287
CHR12	7833856	CHR12:7833856	SSF x Far_LoA	-8,664	-0,084	0,285
CHR12	7846486	CHR12:7846486	SSF x Far_LoA	1,187	0,110	0,287
CHR12	7846520	CHR12:7846520	SSF x Far_LoA	-11,105	-0,006	0,279
CHR12	7846525	CHR12:7846525	SSF x Far_LoA	-9,260	-0,057	0,301
CHR12	7846533	CHR12:7846533	SSF x Far_LoA	-10,519	-0,004	0,289
CHR12	7850523	CHR12:7850523	SSF x Far_LoA	-3,741	0,156	0,297
CHR12	7858603	CHR12:7858603	SSF x Far_LoA	-8,246	-0,050	0,294
CHR12	7858863	CHR12:7858863	SSF x Far_LoA	-9,766	0,055	0,298
CHR12	7860935	CHR12:7860935	SSF x Far_LoA	-9,497	-0,095	0,288
CHR12	7861083	CHR12:7861083	SSF x Far_LoA	-11,846	-0,023	0,287
CHR12	7861190	CHR12:7861190	SSF x Far_LoA	-9,710	0,026	0,293
CHR12	7861304	CHR12:7861304	SSF x Far_LoA	-6,623	-0,060	0,294
CHR12	7865634	CHR12:7865634	SSF x Far_LoA	-7,506	0,000	0,292
CHR12	7865762	CHR12:7865762	SSF x Far_LoA	-6,004	-0,088	0,285
CHR12	7865772	CHR12:7865772	SSF x Far_LoA	-8,065	-0,074	0,292
CHR12	7865925	CHR12:7865925	SSF x Far_LoA	-10,512	-0,074	0,301
CHR12	7870919	CHR12:7870919	SSF x Far_LoA	-8,272	0,008	0,287
CHR12	7878164	CHR12:7878164	SSF x Far_LoA	-9,861	0,014	0,295
CHR12	7878182	CHR12:7878182	SSF x Far_LoA	-11,016	0,005	0,289
CHR12	7878204	CHR12:7878204	SSF x Far_LoA	-8,657	0,047	0,294
CHR12	7878281	CHR12:7878281	SSF x Far_LoA	-8,828	0,014	0,304
CHR12	7888709	CHR12:7888709	SSF x Far_LoA	-10,883	0,069	0,300
CHR12	7888745	CHR12:7888745	SSF x Far_LoA	-7,925	-0,112	0,304
CHR12	7888765	CHR12:7888765	SSF x Far_LoA	-10,279	0,016	0,297
CHR12	7888849	CHR12:7888849	SSF x Far_LoA	-10,108	0,049	0,293
CHR12	7888865	CHR12:7888865	SSF x Far_LoA	-11,632	0,044	0,298
CHR12	7888957	CHR12:7888957	SSF x Far_LoA	-8,765	-0,015	0,292
CHR12	7888960	CHR12:7888960	SSF x Far_LoA	-10,991	0,048	0,287
CHR12	7888963	CHR12:7888963	SSF x Far_LoA	-11,267	0,076	0,268
CHR12	7888998	CHR12:7888998	SSF x Far_LoA	-7,953	-0,139	0,287
CHR12	7889020	CHR12:7889020	SSF x Far_LoA	-9,094	0,104	0,286
CHR12	7889032	CHR12:7889032	SSF x Far_LoA	-10,138	-0,025	0,287
CHR12	7889715	CHR12:7889715	SSF x Far_LoA	-9,154	-0,030	0,287
CHR12	7889734	CHR12:7889734	SSF x Far_LoA	-9,635	0,038	0,298
CHR12	7891920	CHR12:7891920	SSF x Far_LoA	-9,792	-0,032	0,300
CHR12	7891978	CHR12:7891978	SSF x Far_LoA	-6,505	-0,137	0,290
CHR12	7891980	CHR12:7891980	SSF x Far_LoA	-9,983	0,037	0,290
CHR12	7892029	CHR12:7892029	SSF x Far_LoA	-8,663	-0,081	0,302
CHR12	7894425	CHR12:7894425	SSF x Far_LoA	-8,307	-0,134	0,286
CHR12	7894960	CHR12:7894960	SSF x Far_LoA	-9,908	0,056	0,291
CHR12	7895295	CHR12:7895295	SSF x Far_LoA	-8,596	-0,002	0,296
CHR12	7895298	CHR12:7895298	SSF x Far_LoA	-7,098	0,019	0,297

CHR12	7895374	CHR12:7895374	SSF x Far_LoA	-12,123	-0,049	0,283
CHR12	7895397	CHR12:7895397	SSF x Far_LoA	-9,659	-0,106	0,291
CHR12	7924656	CHR12:7924656	SSF x Far_LoA	-7,554	0,155	0,296
CHR12	7924715	CHR12:7924715	SSF x Far_LoA	-10,181	-0,085	0,300
CHR12	7935951	CHR12:7935951	SSF x Far_LoA	-9,436	0,019	0,284
CHR12	7942993	CHR12:7942993	SSF x Far_LoA	-8,200	-0,093	0,291
CHR12	7943004	CHR12:7943004	SSF x Far_LoA	-8,031	0,101	0,301
CHR12	7943137	CHR12:7943137	SSF x Far_LoA	-8,897	-0,031	0,290
CHR12	7943158	CHR12:7943158	SSF x Far_LoA	-9,240	0,044	0,307
CHR12	7943214	CHR12:7943214	SSF x Far_LoA	-8,081	-0,091	0,287
CHR12	7951046	CHR12:7951046	SSF x Far_LoA	-7,838	0,056	0,285
CHR12	7951220	CHR12:7951220	SSF x Far_LoA	-3,258	-0,009	0,302
CHR12	7951299	CHR12:7951299	SSF x Far_LoA	-8,441	-0,053	0,276
CHR12	7955341	CHR12:7955341	SSF x Far_LoA	-10,272	-0,041	0,267
CHR12	7955463	CHR12:7955463	SSF x Far_LoA	-11,178	0,050	0,306
CHR12	7955467	CHR12:7955467	SSF x Far_LoA	-5,500	0,112	0,286
CHR12	7955493	CHR12:7955493	SSF x Far_LoA	-10,962	0,086	0,290
CHR12	7955501	CHR12:7955501	SSF x Far_LoA	-7,411	-0,083	0,287
CHR12	7955527	CHR12:7955527	SSF x Far_LoA	-7,507	-0,145	0,272
CHR12	7955587	CHR12:7955587	SSF x Far_LoA	-5,817	-0,203	0,283
CHR12	7955724	CHR12:7955724	SSF x Far_LoA	-9,226	-0,007	0,287
CHR12	7957156	CHR12:7957156	SSF x Far_LoA	-9,860	-0,025	0,299
CHR12	7976029	CHR12:7976029	SSF x Far_LoA	-4,940	-0,132	0,302
CHR12	7981491	CHR12:7981491	SSF x Far_LoA	-11,547	-0,049	0,295
CHR12	7984020	CHR12:7984020	SSF x Far_LoA	-3,294	-0,077	0,281
CHR12	7984094	CHR12:7984094	SSF x Far_LoA	-7,198	-0,122	0,278
CHR12	7984106	CHR12:7984106	SSF x Far_LoA	-9,894	-0,094	0,267
CHR12	7984141	CHR12:7984141	SSF x Far_LoA	-9,532	-0,091	0,284
CHR12	7984167	CHR12:7984167	SSF x Far_LoA	-8,410	-0,098	0,290
CHR12	801521	CHR12:801521	SSF x Far_LoA	-11,318	0,025	0,289
CHR12	801552	CHR12:801552	SSF x Far_LoA	-5,748	-0,063	0,300
CHR12	801571	CHR12:801571	SSF x Far_LoA	-7,978	-0,146	0,281
CHR12	801586	CHR12:801586	SSF x Far_LoA	-9,772	0,048	0,296
CHR12	801789	CHR12:801789	SSF x Far_LoA	-9,209	0,141	0,278
CHR12	805582	CHR12:805582	SSF x Far_LoA	0,160	-0,131	0,293
CHR12	8115406	CHR12:8115406	SSF x Far_LoA	-8,989	-0,049	0,303
CHR12	8115460	CHR12:8115460	SSF x Far_LoA	-11,585	-0,079	0,295
CHR12	8121267	CHR12:8121267	SSF x Far_LoA	-8,478	0,065	0,301
CHR12	8121312	CHR12:8121312	SSF x Far_LoA	-11,476	-0,006	0,295
CHR12	8121477	CHR12:8121477	SSF x Far_LoA	-10,997	0,021	0,307
CHR12	8123608	CHR12:8123608	SSF x Far_LoA	-11,163	-0,033	0,301
CHR12	8125871	CHR12:8125871	SSF x Far_LoA	-11,324	-0,053	0,287
CHR12	8130197	CHR12:8130197	SSF x Far_LoA	-1,796	-0,033	0,297
CHR12	8130299	CHR12:8130299	SSF x Far_LoA	-9,104	-0,010	0,288
CHR12	8131605	CHR12:8131605	SSF x Far_LoA	-3,835	0,116	0,304
CHR12	8131747	CHR12:8131747	SSF x Far_LoA	-9,946	-0,042	0,298
CHR12	8143526	CHR12:8143526	SSF x Far_LoA	-3,348	0,140	0,253
CHR12	8193052	CHR12:8193052	SSF x Far_LoA	-9,882	0,085	0,290
CHR12	8193110	CHR12:8193110	SSF x Far_LoA	-9,833	-0,042	0,303
CHR12	8193378	CHR12:8193378	SSF x Far_LoA	-8,371	0,049	0,306
CHR12	8193397	CHR12:8193397	SSF x Far_LoA	-7,962	0,054	0,285
CHR12	8193431	CHR12:8193431	SSF x Far_LoA	-9,470	0,027	0,301
CHR12	8193455	CHR12:8193455	SSF x Far_LoA	-9,926	-0,036	0,291

CHR12	8193495	CHR12:8193495	SSF x Far_LoA	-8,316	0,066	0,303
CHR12	8207514	CHR12:8207514	SSF x Far_LoA	-6,366	0,175	0,289
CHR12	8207517	CHR12:8207517	SSF x Far_LoA	-10,010	0,047	0,287
CHR12	8207582	CHR12:8207582	SSF x Far_LoA	-8,368	-0,126	0,284
CHR12	8218698	CHR12:8218698	SSF x Far_LoA	-8,563	-0,044	0,296
CHR12	8218794	CHR12:8218794	SSF x Far_LoA	-11,302	0,108	0,282
CHR12	8218796	CHR12:8218796	SSF x Far_LoA	-11,550	0,094	0,288
CHR12	8218852	CHR12:8218852	SSF x Far_LoA	-8,885	0,053	0,282
CHR12	8218871	CHR12:8218871	SSF x Far_LoA	-9,030	0,066	0,276
CHR12	8263242	CHR12:8263242	SSF x Far_LoA	-8,998	0,038	0,288
CHR12	8263261	CHR12:8263261	SSF x Far_LoA	-10,201	-0,091	0,287
CHR12	8273128	CHR12:8273128	SSF x Far_LoA	-6,807	0,193	0,287
CHR12	8273131	CHR12:8273131	SSF x Far_LoA	-8,708	-0,103	0,266
CHR12	8273166	CHR12:8273166	SSF x Far_LoA	-7,992	0,186	0,286
CHR12	8273170	CHR12:8273170	SSF x Far_LoA	-4,126	-0,111	0,264
CHR12	8273190	CHR12:8273190	SSF x Far_LoA	-8,840	-0,022	0,280
CHR12	8273237	CHR12:8273237	SSF x Far_LoA	-7,585	-0,001	0,291
CHR12	8273244	CHR12:8273244	SSF x Far_LoA	-10,456	-0,006	0,275
CHR12	8273257	CHR12:8273257	SSF x Far_LoA	-10,380	-0,086	0,293
CHR12	8273276	CHR12:8273276	SSF x Far_LoA	-11,806	0,013	0,286
CHR12	8273299	CHR12:8273299	SSF x Far_LoA	-8,767	0,041	0,290
CHR12	8273332	CHR12:8273332	SSF x Far_LoA	-10,384	0,027	0,305
CHR12	8273333	CHR12:8273333	SSF x Far_LoA	-9,312	0,033	0,295
CHR12	8281310	CHR12:8281310	SSF x Far_LoA	-5,070	-0,118	0,308
CHR12	8282645	CHR12:8282645	SSF x Far_LoA	-4,664	0,067	0,307
CHR12	8282646	CHR12:8282646	SSF x Far_LoA	-4,270	-0,186	0,292
CHR12	8285710	CHR12:8285710	SSF x Far_LoA	-9,697	0,082	0,266
CHR12	8285741	CHR12:8285741	SSF x Far_LoA	-10,053	0,081	0,284
CHR12	8298878	CHR12:8298878	SSF x Far_LoA	-9,092	0,012	0,280
CHR12	8298879	CHR12:8298879	SSF x Far_LoA	-8,587	0,017	0,293
CHR12	8298881	CHR12:8298881	SSF x Far_LoA	-6,926	0,068	0,282
CHR12	8298901	CHR12:8298901	SSF x Far_LoA	-8,345	0,100	0,284
CHR12	8298966	CHR12:8298966	SSF x Far_LoA	-10,688	-0,016	0,293
CHR12	8298995	CHR12:8298995	SSF x Far_LoA	-8,524	0,046	0,292
CHR12	8299037	CHR12:8299037	SSF x Far_LoA	-7,881	-0,121	0,295
CHR12	8299040	CHR12:8299040	SSF x Far_LoA	-10,453	0,151	0,287
CHR12	8299044	CHR12:8299044	SSF x Far_LoA	-9,670	0,058	0,286
CHR12	8299047	CHR12:8299047	SSF x Far_LoA	-8,107	-0,115	0,305
CHR12	8299943	CHR12:8299943	SSF x Far_LoA	-10,332	0,021	0,285
CHR12	8300146	CHR12:8300146	SSF x Far_LoA	-4,271	-0,041	0,285
CHR12	8305619	CHR12:8305619	SSF x Far_LoA	-10,862	0,007	0,306
CHR12	8305772	CHR12:8305772	SSF x Far_LoA	-8,865	0,091	0,293
CHR12	8305788	CHR12:8305788	SSF x Far_LoA	-5,384	0,090	0,305
CHR12	8312982	CHR12:8312982	SSF x Far_LoA	-7,129	-0,092	0,299
CHR12	8313034	CHR12:8313034	SSF x Far_LoA	-4,971	0,131	0,286
CHR12	8313061	CHR12:8313061	SSF x Far_LoA	-9,739	-0,049	0,307
CHR12	8313075	CHR12:8313075	SSF x Far_LoA	-10,300	-0,012	0,288
CHR12	8313111	CHR12:8313111	SSF x Far_LoA	-10,211	-0,155	0,294
CHR12	8313113	CHR12:8313113	SSF x Far_LoA	-5,224	-0,160	0,278
CHR12	8313258	CHR12:8313258	SSF x Far_LoA	-6,461	-0,175	0,282
CHR12	8313337	CHR12:8313337	SSF x Far_LoA	-9,777	-0,002	0,285
CHR12	8320500	CHR12:8320500	SSF x Far_LoA	-10,825	0,045	0,286
CHR12	8320623	CHR12:8320623	SSF x Far_LoA	-3,272	0,003	0,300

CHR12	8328549	CHR12:8328549	SSF x Far_LoA	-9,429	0,069	0,264
CHR12	8328550	CHR12:8328550	SSF x Far_LoA	-7,380	0,108	0,291
CHR12	8328600	CHR12:8328600	SSF x Far_LoA	-10,498	0,091	0,296
CHR12	8328624	CHR12:8328624	SSF x Far_LoA	-9,577	-0,036	0,288
CHR12	8328634	CHR12:8328634	SSF x Far_LoA	-4,441	-0,078	0,289
CHR12	8328636	CHR12:8328636	SSF x Far_LoA	-10,473	-0,058	0,287
CHR12	8328726	CHR12:8328726	SSF x Far_LoA	-6,633	0,171	0,284
CHR12	8348421	CHR12:8348421	SSF x Far_LoA	-8,327	0,119	0,275
CHR12	8378386	CHR12:8378386	SSF x Far_LoA	-8,911	-0,020	0,285
CHR12	8378462	CHR12:8378462	SSF x Far_LoA	-10,124	0,002	0,295
CHR12	8378526	CHR12:8378526	SSF x Far_LoA	-9,395	0,033	0,296
CHR12	8378599	CHR12:8378599	SSF x Far_LoA	-9,661	-0,069	0,297
CHR12	8381390	CHR12:8381390	SSF x Far_LoA	-10,479	0,072	0,293
CHR12	8381657	CHR12:8381657	SSF x Far_LoA	-9,667	0,073	0,283
CHR12	838546	CHR12:838546	SSF x Far_LoA	-11,917	0,008	0,286
CHR12	838550	CHR12:838550	SSF x Far_LoA	-10,980	-0,050	0,292
CHR12	838571	CHR12:838571	SSF x Far_LoA	-11,803	-0,023	0,273
CHR12	8388737	CHR12:8388737	SSF x Far_LoA	-9,215	0,010	0,297
CHR12	8397209	CHR12:8397209	SSF x Far_LoA	-7,815	-0,004	0,299
CHR12	8397238	CHR12:8397238	SSF x Far_LoA	-9,582	-0,021	0,301
CHR12	8397290	CHR12:8397290	SSF x Far_LoA	-7,635	-0,112	0,286
CHR12	8409297	CHR12:8409297	SSF x Far_LoA	-10,921	0,079	0,292
CHR12	8409311	CHR12:8409311	SSF x Far_LoA	-9,797	-0,034	0,302
CHR12	8409541	CHR12:8409541	SSF x Far_LoA	-8,457	0,165	0,293
CHR12	8409572	CHR12:8409572	SSF x Far_LoA	-9,576	-0,072	0,260
CHR12	8409619	CHR12:8409619	SSF x Far_LoA	-7,703	0,085	0,285
CHR12	8409644	CHR12:8409644	SSF x Far_LoA	-10,464	-0,067	0,273
CHR12	8409650	CHR12:8409650	SSF x Far_LoA	-9,565	-0,033	0,293
CHR12	8412870	CHR12:8412870	SSF x Far_LoA	-8,980	-0,034	0,288
CHR12	8412903	CHR12:8412903	SSF x Far_LoA	-9,546	-0,021	0,291
CHR12	8412981	CHR12:8412981	SSF x Far_LoA	-4,007	0,092	0,285
CHR12	8413165	CHR12:8413165	SSF x Far_LoA	-9,069	-0,038	0,286
CHR12	8422136	CHR12:8422136	SSF x Far_LoA	-8,604	-0,015	0,289
CHR12	8422150	CHR12:8422150	SSF x Far_LoA	-4,159	-0,160	0,289
CHR12	8422159	CHR12:8422159	SSF x Far_LoA	-11,466	-0,062	0,297
CHR12	8422211	CHR12:8422211	SSF x Far_LoA	-9,453	0,024	0,295
CHR12	8422225	CHR12:8422225	SSF x Far_LoA	-9,460	0,045	0,285
CHR12	8422249	CHR12:8422249	SSF x Far_LoA	-7,637	0,022	0,287
CHR12	8422968	CHR12:8422968	SSF x Far_LoA	-7,585	-0,123	0,278
CHR12	8423031	CHR12:8423031	SSF x Far_LoA	-8,239	-0,035	0,296
CHR12	8423051	CHR12:8423051	SSF x Far_LoA	-9,909	0,002	0,311
CHR12	8431813	CHR12:8431813	SSF x Far_LoA	-9,536	-0,102	0,285
CHR12	8438138	CHR12:8438138	SSF x Far_LoA	-8,758	-0,047	0,290
CHR12	84432	CHR12:84432	SSF x Far_LoA	-7,417	-0,104	0,295
CHR12	84504	CHR12:84504	SSF x Far_LoA	-9,453	-0,055	0,303
CHR12	8457869	CHR12:8457869	SSF x Far_LoA	-10,437	-0,018	0,287
CHR12	8457951	CHR12:8457951	SSF x Far_LoA	-1,190	-0,269	0,255
CHR12	8457982	CHR12:8457982	SSF x Far_LoA	-7,646	-0,072	0,301
CHR12	8458003	CHR12:8458003	SSF x Far_LoA	-9,766	0,135	0,280
CHR12	8458039	CHR12:8458039	SSF x Far_LoA	-11,472	-0,010	0,292
CHR12	8458050	CHR12:8458050	SSF x Far_LoA	-2,355	0,138	0,275
CHR12	8458118	CHR12:8458118	SSF x Far_LoA	-10,901	0,133	0,292
CHR12	8458142	CHR12:8458142	SSF x Far_LoA	-9,670	0,150	0,278

CHR12	8458207	CHR12:8458207	SSF x Far_LoA	-8,405	0,128	0,285
CHR12	8458289	CHR12:8458289	SSF x Far_LoA	-10,509	-0,063	0,287
CHR12	8472843	CHR12:8472843	SSF x Far_LoA	-8,606	0,042	0,293
CHR12	8473203	CHR12:8473203	SSF x Far_LoA	-9,639	0,012	0,281
CHR12	8476154	CHR12:8476154	SSF x Far_LoA	-8,528	0,030	0,295
CHR12	8476157	CHR12:8476157	SSF x Far_LoA	-5,900	0,118	0,289
CHR12	847805	CHR12:847805	SSF x Far_LoA	-6,220	-0,023	0,277
CHR12	847971	CHR12:847971	SSF x Far_LoA	-11,184	-0,007	0,300
CHR12	8485834	CHR12:8485834	SSF x Far_LoA	-10,067	-0,068	0,288
CHR12	8486044	CHR12:8486044	SSF x Far_LoA	-9,997	-0,044	0,286
CHR12	8486045	CHR12:8486045	SSF x Far_LoA	-4,993	-0,214	0,291
CHR12	8486049	CHR12:8486049	SSF x Far_LoA	-2,977	-0,251	0,267
CHR12	8491528	CHR12:8491528	SSF x Far_LoA	-11,671	-0,074	0,290
CHR12	8491603	CHR12:8491603	SSF x Far_LoA	-9,959	-0,106	0,292
CHR12	8513816	CHR12:8513816	SSF x Far_LoA	-10,346	-0,056	0,284
CHR12	8523194	CHR12:8523194	SSF x Far_LoA	-9,091	-0,034	0,290
CHR12	8531062	CHR12:8531062	SSF x Far_LoA	-8,503	-0,130	0,296
CHR12	8555023	CHR12:8555023	SSF x Far_LoA	-11,493	-0,014	0,298
CHR12	8582268	CHR12:8582268	SSF x Far_LoA	-10,363	-0,049	0,296
CHR12	8582275	CHR12:8582275	SSF x Far_LoA	-10,347	-0,054	0,287
CHR12	8582277	CHR12:8582277	SSF x Far_LoA	-10,055	-0,038	0,294
CHR12	8582288	CHR12:8582288	SSF x Far_LoA	-10,263	-0,086	0,295
CHR12	8582448	CHR12:8582448	SSF x Far_LoA	-6,726	0,165	0,288
CHR12	859393	CHR12:859393	SSF x Far_LoA	-10,990	-0,085	0,287
CHR12	859462	CHR12:859462	SSF x Far_LoA	-9,967	0,007	0,291
CHR12	859471	CHR12:859471	SSF x Far_LoA	-11,160	-0,012	0,289
CHR12	859538	CHR12:859538	SSF x Far_LoA	-8,820	-0,020	0,298
CHR12	8603722	CHR12:8603722	SSF x Far_LoA	-9,003	-0,070	0,293
CHR12	8603740	CHR12:8603740	SSF x Far_LoA	-8,107	0,076	0,296
CHR12	8603741	CHR12:8603741	SSF x Far_LoA	-8,187	-0,034	0,295
CHR12	8607958	CHR12:8607958	SSF x Far_LoA	-8,481	-0,116	0,289
CHR12	8608252	CHR12:8608252	SSF x Far_LoA	-10,563	0,061	0,298
CHR12	8648025	CHR12:8648025	SSF x Far_LoA	-9,057	-0,117	0,289
CHR12	86599	CHR12:86599	SSF x Far_LoA	-0,923	-0,212	0,260
CHR12	8663403	CHR12:8663403	SSF x Far_LoA	-11,180	0,061	0,290
CHR12	8696123	CHR12:8696123	SSF x Far_LoA	-8,479	0,037	0,294
CHR12	8696131	CHR12:8696131	SSF x Far_LoA	-10,895	-0,088	0,275
CHR12	8740637	CHR12:8740637	SSF x Far_LoA	-7,883	-0,017	0,314
CHR12	874551	CHR12:874551	SSF x Far_LoA	-8,718	-0,087	0,281
CHR12	8766678	CHR12:8766678	SSF x Far_LoA	-7,455	0,060	0,298
CHR12	8781087	CHR12:8781087	SSF x Far_LoA	-9,911	-0,112	0,291
CHR12	8803358	CHR12:8803358	SSF x Far_LoA	-11,040	-0,026	0,301
CHR12	8808954	CHR12:8808954	SSF x Far_LoA	-10,362	-0,030	0,291
CHR12	8808978	CHR12:8808978	SSF x Far_LoA	-11,678	0,007	0,286
CHR12	8809005	CHR12:8809005	SSF x Far_LoA	-9,689	0,036	0,288
CHR12	8820143	CHR12:8820143	SSF x Far_LoA	-10,533	-0,078	0,302
CHR12	882252	CHR12:882252	SSF x Far_LoA	-5,494	-0,042	0,272
CHR12	8826983	CHR12:8826983	SSF x Far_LoA	-9,419	0,028	0,280
CHR12	8827200	CHR12:8827200	SSF x Far_LoA	-11,423	-0,096	0,296
CHR12	8827236	CHR12:8827236	SSF x Far_LoA	-8,313	0,105	0,290
CHR12	8827237	CHR12:8827237	SSF x Far_LoA	-6,857	0,081	0,304
CHR12	8830290	CHR12:8830290	SSF x Far_LoA	-9,457	-0,003	0,293
CHR12	8830398	CHR12:8830398	SSF x Far_LoA	-11,039	0,059	0,287

CHR12	883452	CHR12:883452	SSF x Far_LoA	-9,421	0,044	0,268
CHR12	884959	CHR12:884959	SSF x Far_LoA	-7,889	-0,037	0,286
CHR12	8849843	CHR12:8849843	SSF x Far_LoA	-9,480	-0,046	0,260
CHR12	8850157	CHR12:8850157	SSF x Far_LoA	-7,550	-0,077	0,295
CHR12	8850180	CHR12:8850180	SSF x Far_LoA	-8,737	0,059	0,286
CHR12	8850215	CHR12:8850215	SSF x Far_LoA	-7,377	-0,056	0,293
CHR12	8850251	CHR12:8850251	SSF x Far_LoA	-9,889	-0,109	0,288
CHR12	8852355	CHR12:8852355	SSF x Far_LoA	-12,115	-0,015	0,278
CHR12	8852441	CHR12:8852441	SSF x Far_LoA	-9,122	-0,020	0,285
CHR12	8852493	CHR12:8852493	SSF x Far_LoA	-5,313	-0,062	0,274
CHR12	8852515	CHR12:8852515	SSF x Far_LoA	-8,060	-0,039	0,271
CHR12	8852530	CHR12:8852530	SSF x Far_LoA	-8,403	-0,078	0,284
CHR12	8852681	CHR12:8852681	SSF x Far_LoA	-9,025	0,006	0,300
CHR12	885300	CHR12:885300	SSF x Far_LoA	-8,893	-0,009	0,302
CHR12	8865355	CHR12:8865355	SSF x Far_LoA	-5,914	0,121	0,281
CHR12	8867827	CHR12:8867827	SSF x Far_LoA	-8,607	0,077	0,287
CHR12	8867830	CHR12:8867830	SSF x Far_LoA	-7,894	-0,079	0,291
CHR12	8868479	CHR12:8868479	SSF x Far_LoA	-8,637	0,012	0,276
CHR12	8868498	CHR12:8868498	SSF x Far_LoA	-9,517	0,016	0,287
CHR12	8868501	CHR12:8868501	SSF x Far_LoA	-7,996	-0,042	0,285
CHR12	8879939	CHR12:8879939	SSF x Far_LoA	-10,262	-0,064	0,291
CHR12	8880006	CHR12:8880006	SSF x Far_LoA	-10,147	-0,046	0,299
CHR12	8880012	CHR12:8880012	SSF x Far_LoA	-11,048	-0,003	0,274
CHR12	8880048	CHR12:8880048	SSF x Far_LoA	-9,394	-0,029	0,282
CHR12	8891077	CHR12:8891077	SSF x Far_LoA	-11,266	0,038	0,288
CHR12	8891080	CHR12:8891080	SSF x Far_LoA	-11,699	-0,050	0,273
CHR12	8891180	CHR12:8891180	SSF x Far_LoA	-7,733	-0,002	0,286
CHR12	8891230	CHR12:8891230	SSF x Far_LoA	-4,895	-0,137	0,280
CHR12	8891299	CHR12:8891299	SSF x Far_LoA	-7,307	0,064	0,294
CHR12	8891347	CHR12:8891347	SSF x Far_LoA	-11,108	0,016	0,288
CHR12	8894496	CHR12:8894496	SSF x Far_LoA	-7,036	-0,129	0,295
CHR12	8900143	CHR12:8900143	SSF x Far_LoA	-6,076	0,120	0,284
CHR12	8939679	CHR12:8939679	SSF x Far_LoA	-3,159	0,178	0,295
CHR12	8939681	CHR12:8939681	SSF x Far_LoA	-10,495	-0,046	0,288
CHR12	894283	CHR12:894283	SSF x Far_LoA	-9,026	0,069	0,285
CHR12	894331	CHR12:894331	SSF x Far_LoA	-9,161	0,025	0,304
CHR12	8978219	CHR12:8978219	SSF x Far_LoA	-7,980	0,044	0,292
CHR12	8978328	CHR12:8978328	SSF x Far_LoA	-8,511	0,157	0,287
CHR12	8978370	CHR12:8978370	SSF x Far_LoA	-11,039	-0,060	0,287
CHR12	8978467	CHR12:8978467	SSF x Far_LoA	-5,684	0,175	0,285
CHR12	8978482	CHR12:8978482	SSF x Far_LoA	-5,045	-0,064	0,301
CHR12	8982255	CHR12:8982255	SSF x Far_LoA	-9,098	-0,020	0,301
CHR12	8982275	CHR12:8982275	SSF x Far_LoA	-9,360	0,018	0,297
CHR12	8982288	CHR12:8982288	SSF x Far_LoA	-11,172	-0,035	0,289
CHR12	8982289	CHR12:8982289	SSF x Far_LoA	-8,840	0,031	0,299
CHR12	8982331	CHR12:8982331	SSF x Far_LoA	-11,849	0,006	0,293
CHR12	8982346	CHR12:8982346	SSF x Far_LoA	-6,923	-0,019	0,295
CHR12	8982349	CHR12:8982349	SSF x Far_LoA	-10,482	-0,127	0,288
CHR12	8982430	CHR12:8982430	SSF x Far_LoA	-8,341	-0,066	0,287
CHR12	9017491	CHR12:9017491	SSF x Far_LoA	-2,450	0,245	0,279
CHR12	9017496	CHR12:9017496	SSF x Far_LoA	-2,393	-0,189	0,276
CHR12	9017503	CHR12:9017503	SSF x Far_LoA	-8,763	-0,037	0,290
CHR12	9017807	CHR12:9017807	SSF x Far_LoA	-6,964	0,175	0,279

CHR12	9017812	CHR12:9017812	SSF x Far_LoA	-11,254	0,011	0,294
CHR12	9021354	CHR12:9021354	SSF x Far_LoA	-11,177	0,053	0,279
CHR12	9021360	CHR12:9021360	SSF x Far_LoA	-5,425	0,060	0,282
CHR12	9021440	CHR12:9021440	SSF x Far_LoA	-10,013	0,047	0,276
CHR12	9021446	CHR12:9021446	SSF x Far_LoA	-4,286	0,123	0,283
CHR12	9021468	CHR12:9021468	SSF x Far_LoA	-7,321	0,118	0,281
CHR12	9021473	CHR12:9021473	SSF x Far_LoA	-10,501	0,079	0,293
CHR12	9021488	CHR12:9021488	SSF x Far_LoA	-8,901	0,144	0,296
CHR12	9021532	CHR12:9021532	SSF x Far_LoA	-10,380	-0,010	0,280
CHR12	9021588	CHR12:9021588	SSF x Far_LoA	-5,655	0,197	0,285
CHR12	9021596	CHR12:9021596	SSF x Far_LoA	-10,106	0,116	0,273
CHR12	902890	CHR12:902890	SSF x Far_LoA	-8,815	0,142	0,289
CHR12	903059	CHR12:903059	SSF x Far_LoA	-10,766	-0,017	0,295
CHR12	9036807	CHR12:9036807	SSF x Far_LoA	-9,134	0,165	0,273
CHR12	9036824	CHR12:9036824	SSF x Far_LoA	-6,908	-0,092	0,295
CHR12	9036999	CHR12:9036999	SSF x Far_LoA	-9,595	-0,137	0,288
CHR12	9051294	CHR12:9051294	SSF x Far_LoA	-4,735	-0,043	0,296
CHR12	9052795	CHR12:9052795	SSF x Far_LoA	-9,825	0,006	0,288
CHR12	9052856	CHR12:9052856	SSF x Far_LoA	-8,897	0,101	0,295
CHR12	9052906	CHR12:9052906	SSF x Far_LoA	-9,099	-0,075	0,292
CHR12	9052914	CHR12:9052914	SSF x Far_LoA	-10,524	0,101	0,285
CHR12	9053003	CHR12:9053003	SSF x Far_LoA	-9,138	0,135	0,284
CHR12	9053074	CHR12:9053074	SSF x Far_LoA	-8,854	0,115	0,309
CHR12	9060252	CHR12:9060252	SSF x Far_LoA	-5,727	0,251	0,266
CHR12	9060329	CHR12:9060329	SSF x Far_LoA	-8,964	-0,045	0,297
CHR12	9060381	CHR12:9060381	SSF x Far_LoA	-8,700	-0,096	0,300
CHR12	9077481	CHR12:9077481	SSF x Far_LoA	-11,157	0,040	0,274
CHR12	9077590	CHR12:9077590	SSF x Far_LoA	-8,729	0,007	0,300
CHR12	9077809	CHR12:9077809	SSF x Far_LoA	-8,692	0,077	0,291
CHR12	9082643	CHR12:9082643	SSF x Far_LoA	-8,504	-0,041	0,289
CHR12	9082666	CHR12:9082666	SSF x Far_LoA	-8,604	-0,100	0,283
CHR12	9085523	CHR12:9085523	SSF x Far_LoA	-10,557	-0,019	0,289
CHR12	9085578	CHR12:9085578	SSF x Far_LoA	-8,479	-0,026	0,305
CHR12	9085619	CHR12:9085619	SSF x Far_LoA	-6,802	0,138	0,282
CHR12	9087089	CHR12:9087089	SSF x Far_LoA	-9,861	-0,037	0,286
CHR12	9087183	CHR12:9087183	SSF x Far_LoA	-7,274	-0,073	0,299
CHR12	9087213	CHR12:9087213	SSF x Far_LoA	-9,699	-0,003	0,298
CHR12	9087216	CHR12:9087216	SSF x Far_LoA	-8,256	0,032	0,297
CHR12	9087221	CHR12:9087221	SSF x Far_LoA	-12,144	0,001	0,285
CHR12	9088859	CHR12:9088859	SSF x Far_LoA	-8,444	0,021	0,290
CHR12	9088896	CHR12:9088896	SSF x Far_LoA	-8,349	-0,151	0,291
CHR12	9088971	CHR12:9088971	SSF x Far_LoA	-11,023	-0,083	0,283
CHR12	9089320	CHR12:9089320	SSF x Far_LoA	-8,611	0,104	0,302
CHR12	9091025	CHR12:9091025	SSF x Far_LoA	-11,084	-0,025	0,281
CHR12	9091081	CHR12:9091081	SSF x Far_LoA	-9,332	-0,115	0,273
CHR12	9091102	CHR12:9091102	SSF x Far_LoA	-9,825	0,154	0,288
CHR12	9091180	CHR12:9091180	SSF x Far_LoA	-8,063	-0,107	0,284
CHR12	9091196	CHR12:9091196	SSF x Far_LoA	-9,693	0,028	0,277
CHR12	9096371	CHR12:9096371	SSF x Far_LoA	-9,562	0,035	0,309
CHR12	9096595	CHR12:9096595	SSF x Far_LoA	-10,488	-0,142	0,291
CHR12	9096702	CHR12:9096702	SSF x Far_LoA	-10,430	-0,065	0,297
CHR12	9119641	CHR12:9119641	SSF x Far_LoA	-10,543	0,074	0,279
CHR12	9119645	CHR12:9119645	SSF x Far_LoA	-8,196	-0,071	0,285

CHR12	9119649	CHR12:9119649	SSF x Far_LoA	-7,769	0,071	0,288
CHR12	9119661	CHR12:9119661	SSF x Far_LoA	-9,797	0,036	0,284
CHR12	9120001	CHR12:9120001	SSF x Far_LoA	-6,970	-0,132	0,288
CHR12	9121676	CHR12:9121676	SSF x Far_LoA	-7,378	-0,196	0,285
CHR12	9121795	CHR12:9121795	SSF x Far_LoA	-10,629	-0,064	0,285
CHR12	9127002	CHR12:9127002	SSF x Far_LoA	-11,203	-0,021	0,294
CHR12	9127012	CHR12:9127012	SSF x Far_LoA	-9,492	0,086	0,291
CHR12	913200	CHR12:913200	SSF x Far_LoA	-5,504	0,202	0,292
CHR12	9137870	CHR12:9137870	SSF x Far_LoA	-10,399	0,015	0,292
CHR12	9137891	CHR12:9137891	SSF x Far_LoA	-8,081	-0,095	0,295
CHR12	9140414	CHR12:9140414	SSF x Far_LoA	-11,413	0,058	0,294
CHR12	9140464	CHR12:9140464	SSF x Far_LoA	-7,123	-0,131	0,302
CHR12	9140473	CHR12:9140473	SSF x Far_LoA	-9,413	0,010	0,292
CHR12	9140530	CHR12:9140530	SSF x Far_LoA	-8,992	0,005	0,278
CHR12	9140627	CHR12:9140627	SSF x Far_LoA	-8,730	-0,048	0,299
CHR12	9198581	CHR12:9198581	SSF x Far_LoA	-8,514	-0,171	0,286
CHR12	9198629	CHR12:9198629	SSF x Far_LoA	-10,151	0,038	0,290
CHR12	9198659	CHR12:9198659	SSF x Far_LoA	-5,129	-0,013	0,285
CHR12	9198715	CHR12:9198715	SSF x Far_LoA	0,491	-0,097	0,284
CHR12	9198749	CHR12:9198749	SSF x Far_LoA	-8,271	-0,015	0,296
CHR12	9201608	CHR12:9201608	SSF x Far_LoA	0,212	0,111	0,305
CHR12	9201730	CHR12:9201730	SSF x Far_LoA	-9,797	0,064	0,295
CHR12	9201749	CHR12:9201749	SSF x Far_LoA	-9,045	0,106	0,298
CHR12	9201812	CHR12:9201812	SSF x Far_LoA	-12,166	-0,035	0,289
CHR12	9208452	CHR12:9208452	SSF x Far_LoA	-7,622	0,092	0,299
CHR12	9208512	CHR12:9208512	SSF x Far_LoA	-10,465	0,064	0,295
CHR12	9208568	CHR12:9208568	SSF x Far_LoA	-6,900	0,112	0,281
CHR12	9216484	CHR12:9216484	SSF x Far_LoA	-11,113	0,094	0,271
CHR12	9216501	CHR12:9216501	SSF x Far_LoA	-9,081	-0,005	0,285
CHR12	9216555	CHR12:9216555	SSF x Far_LoA	-8,018	0,095	0,285
CHR12	9217098	CHR12:9217098	SSF x Far_LoA	-10,450	0,051	0,280
CHR12	9217144	CHR12:9217144	SSF x Far_LoA	-11,636	0,063	0,283
CHR12	9217200	CHR12:9217200	SSF x Far_LoA	-9,422	0,109	0,281
CHR12	9217232	CHR12:9217232	SSF x Far_LoA	-7,064	-0,104	0,280
CHR12	9227545	CHR12:9227545	SSF x Far_LoA	-7,203	-0,022	0,282
CHR12	9227609	CHR12:9227609	SSF x Far_LoA	-8,698	-0,004	0,293
CHR12	9227782	CHR12:9227782	SSF x Far_LoA	-8,581	0,026	0,295
CHR12	9231128	CHR12:9231128	SSF x Far_LoA	-8,029	-0,162	0,286
CHR12	9231268	CHR12:9231268	SSF x Far_LoA	-9,657	0,060	0,299
CHR12	9231297	CHR12:9231297	SSF x Far_LoA	-11,275	0,021	0,290
CHR12	9231298	CHR12:9231298	SSF x Far_LoA	-9,014	-0,137	0,305
CHR12	9231411	CHR12:9231411	SSF x Far_LoA	-11,436	0,092	0,291
CHR12	9231483	CHR12:9231483	SSF x Far_LoA	-8,817	0,118	0,285
CHR12	9247661	CHR12:9247661	SSF x Far_LoA	-9,816	-0,036	0,294
CHR12	9247768	CHR12:9247768	SSF x Far_LoA	-10,412	0,050	0,289
CHR12	9247774	CHR12:9247774	SSF x Far_LoA	-10,782	-0,022	0,297
CHR12	9247784	CHR12:9247784	SSF x Far_LoA	-10,872	0,011	0,287
CHR12	9247809	CHR12:9247809	SSF x Far_LoA	-9,010	-0,010	0,296
CHR12	926329	CHR12:926329	SSF x Far_LoA	-9,126	-0,063	0,285
CHR12	9273607	CHR12:9273607	SSF x Far_LoA	-8,939	-0,077	0,285
CHR12	9273642	CHR12:9273642	SSF x Far_LoA	-7,168	-0,128	0,291
CHR12	9273653	CHR12:9273653	SSF x Far_LoA	-8,562	-0,101	0,279
CHR12	9283689	CHR12:9283689	SSF x Far_LoA	-11,021	0,099	0,283

CHR12	932871	CHR12:932871	SSF x Far_LoA	-10,529	-0,088	0,297
CHR12	933104	CHR12:933104	SSF x Far_LoA	-11,960	0,011	0,294
CHR12	933275	CHR12:933275	SSF x Far_LoA	-9,172	0,027	0,319
CHR12	9340465	CHR12:9340465	SSF x Far_LoA	-10,138	-0,039	0,284
CHR12	9363047	CHR12:9363047	SSF x Far_LoA	-11,065	-0,109	0,290
CHR12	9363083	CHR12:9363083	SSF x Far_LoA	-8,891	-0,029	0,281
CHR12	9363084	CHR12:9363084	SSF x Far_LoA	-8,304	-0,017	0,287
CHR12	9363138	CHR12:9363138	SSF x Far_LoA	-8,557	0,094	0,291
CHR12	9363254	CHR12:9363254	SSF x Far_LoA	-9,820	0,108	0,294
CHR12	9363347	CHR12:9363347	SSF x Far_LoA	-11,083	0,047	0,289
CHR12	9363365	CHR12:9363365	SSF x Far_LoA	-7,262	0,027	0,298
CHR12	9363374	CHR12:9363374	SSF x Far_LoA	-11,710	-0,064	0,289
CHR12	9371578	CHR12:9371578	SSF x Far_LoA	-11,819	-0,053	0,271
CHR12	9371664	CHR12:9371664	SSF x Far_LoA	-10,667	-0,018	0,287
CHR12	9371878	CHR12:9371878	SSF x Far_LoA	-9,705	-0,040	0,296
CHR12	9371890	CHR12:9371890	SSF x Far_LoA	-7,462	-0,016	0,274
CHR12	9371897	CHR12:9371897	SSF x Far_LoA	-9,915	-0,059	0,296
CHR12	9372006	CHR12:9372006	SSF x Far_LoA	-4,602	-0,043	0,302
CHR12	9377926	CHR12:9377926	SSF x Far_LoA	-9,633	-0,067	0,303
CHR12	9381242	CHR12:9381242	SSF x Far_LoA	-9,698	0,167	0,272
CHR12	9381430	CHR12:9381430	SSF x Far_LoA	-8,698	-0,123	0,306
CHR12	9381480	CHR12:9381480	SSF x Far_LoA	-6,978	0,190	0,280
CHR12	9405261	CHR12:9405261	SSF x Far_LoA	-6,542	-0,092	0,283
CHR12	9405591	CHR12:9405591	SSF x Far_LoA	-9,762	0,050	0,291
CHR12	9405627	CHR12:9405627	SSF x Far_LoA	-10,245	0,035	0,291
CHR12	9405654	CHR12:9405654	SSF x Far_LoA	-9,379	0,008	0,279
CHR12	9405688	CHR12:9405688	SSF x Far_LoA	-7,953	-0,089	0,291
CHR12	9413231	CHR12:9413231	SSF x Far_LoA	-11,419	-0,024	0,291
CHR12	9413457	CHR12:9413457	SSF x Far_LoA	-7,000	0,078	0,288
CHR12	9413523	CHR12:9413523	SSF x Far_LoA	-4,166	-0,154	0,280
CHR12	9419029	CHR12:9419029	SSF x Far_LoA	-9,950	0,066	0,289
CHR12	9419137	CHR12:9419137	SSF x Far_LoA	-7,471	0,116	0,288
CHR12	9419160	CHR12:9419160	SSF x Far_LoA	-9,766	0,000	0,308
CHR12	9419241	CHR12:9419241	SSF x Far_LoA	-10,526	0,065	0,293
CHR12	9422398	CHR12:9422398	SSF x Far_LoA	-10,135	-0,003	0,290
CHR12	9423374	CHR12:9423374	SSF x Far_LoA	-7,704	0,161	0,302
CHR12	942447	CHR12:942447	SSF x Far_LoA	-10,382	0,056	0,305
CHR12	9434479	CHR12:9434479	SSF x Far_LoA	-8,419	0,094	0,306
CHR12	9455400	CHR12:9455400	SSF x Far_LoA	-9,443	0,058	0,281
CHR12	9455420	CHR12:9455420	SSF x Far_LoA	-9,468	0,065	0,280
CHR12	9455431	CHR12:9455431	SSF x Far_LoA	-11,846	0,004	0,288
CHR12	9455491	CHR12:9455491	SSF x Far_LoA	-9,073	0,009	0,300
CHR12	9455507	CHR12:9455507	SSF x Far_LoA	-11,455	0,079	0,275
CHR12	9455631	CHR12:9455631	SSF x Far_LoA	-7,311	-0,081	0,275
CHR12	9455689	CHR12:9455689	SSF x Far_LoA	-5,622	-0,095	0,281
CHR12	9465934	CHR12:9465934	SSF x Far_LoA	-9,588	0,057	0,306
CHR12	9465989	CHR12:9465989	SSF x Far_LoA	-9,892	-0,032	0,268
CHR12	9466015	CHR12:9466015	SSF x Far_LoA	-8,585	0,063	0,287
CHR12	9466018	CHR12:9466018	SSF x Far_LoA	-8,939	-0,109	0,286
CHR12	9466049	CHR12:9466049	SSF x Far_LoA	-9,991	-0,066	0,283
CHR12	9466097	CHR12:9466097	SSF x Far_LoA	-7,366	0,150	0,294
CHR12	9471851	CHR12:9471851	SSF x Far_LoA	-9,232	-0,015	0,295
CHR12	9471890	CHR12:9471890	SSF x Far_LoA	-9,169	-0,147	0,274

CHR12	9471921	CHR12:9471921	SSF x Far_LoA	-6,602	-0,111	0,283
CHR12	9471956	CHR12:9471956	SSF x Far_LoA	-7,488	-0,054	0,300
CHR12	9472009	CHR12:9472009	SSF x Far_LoA	-1,330	-0,160	0,295
CHR12	9474753	CHR12:9474753	SSF x Far_LoA	-7,933	-0,131	0,278
CHR12	9474758	CHR12:9474758	SSF x Far_LoA	-10,570	-0,061	0,296
CHR12	9474767	CHR12:9474767	SSF x Far_LoA	-10,532	-0,085	0,275
CHR12	9474771	CHR12:9474771	SSF x Far_LoA	-7,664	-0,042	0,299
CHR12	9474775	CHR12:9474775	SSF x Far_LoA	-10,812	-0,086	0,288
CHR12	9474789	CHR12:9474789	SSF x Far_LoA	-2,470	-0,050	0,294
CHR12	9474791	CHR12:9474791	SSF x Far_LoA	-11,214	-0,117	0,283
CHR12	9474798	CHR12:9474798	SSF x Far_LoA	-10,094	0,037	0,286
CHR12	9474802	CHR12:9474802	SSF x Far_LoA	-9,014	-0,033	0,294
CHR12	9480984	CHR12:9480984	SSF x Far_LoA	-8,751	0,008	0,301
CHR12	9481002	CHR12:9481002	SSF x Far_LoA	-9,244	0,044	0,281
CHR12	9481004	CHR12:9481004	SSF x Far_LoA	-8,397	0,023	0,292
CHR12	9481972	CHR12:9481972	SSF x Far_LoA	-11,024	-0,022	0,290
CHR12	9504221	CHR12:9504221	SSF x Far_LoA	-7,899	-0,013	0,309
CHR12	9508119	CHR12:9508119	SSF x Far_LoA	-9,793	-0,018	0,293
CHR12	9508141	CHR12:9508141	SSF x Far_LoA	-10,512	0,024	0,313
CHR12	9533775	CHR12:9533775	SSF x Far_LoA	-10,510	0,126	0,291
CHR12	9533967	CHR12:9533967	SSF x Far_LoA	-8,568	0,153	0,273
CHR12	9533973	CHR12:9533973	SSF x Far_LoA	-8,459	0,143	0,287
CHR12	9534068	CHR12:9534068	SSF x Far_LoA	-9,809	0,021	0,296
CHR12	9534120	CHR12:9534120	SSF x Far_LoA	-4,098	0,057	0,292
CHR12	9538131	CHR12:9538131	SSF x Far_LoA	-7,869	-0,106	0,284
CHR12	9538556	CHR12:9538556	SSF x Far_LoA	-11,388	0,076	0,286
CHR12	9594953	CHR12:9594953	SSF x Far_LoA	-9,592	0,098	0,277
CHR12	9597309	CHR12:9597309	SSF x Far_LoA	-10,043	-0,030	0,279
CHR12	9597458	CHR12:9597458	SSF x Far_LoA	-9,964	0,039	0,294
CHR12	9601325	CHR12:9601325	SSF x Far_LoA	-10,629	-0,062	0,303
CHR12	9623502	CHR12:9623502	SSF x Far_LoA	-8,849	0,046	0,281
CHR12	9631125	CHR12:9631125	SSF x Far_LoA	-10,097	0,157	0,296
CHR12	9631182	CHR12:9631182	SSF x Far_LoA	-4,068	-0,006	0,311
CHR12	9637271	CHR12:9637271	SSF x Far_LoA	-6,945	-0,176	0,289
CHR12	9637313	CHR12:9637313	SSF x Far_LoA	-11,283	0,014	0,301
CHR12	9637392	CHR12:9637392	SSF x Far_LoA	-9,022	-0,149	0,277
CHR12	9637395	CHR12:9637395	SSF x Far_LoA	-9,426	-0,116	0,301
CHR12	9640981	CHR12:9640981	SSF x Far_LoA	-9,822	0,016	0,294
CHR12	9641010	CHR12:9641010	SSF x Far_LoA	-10,789	0,017	0,289
CHR12	9662318	CHR12:9662318	SSF x Far_LoA	-11,218	-0,013	0,288
CHR12	9662740	CHR12:9662740	SSF x Far_LoA	-6,829	0,103	0,280
CHR12	9688279	CHR12:9688279	SSF x Far_LoA	-9,374	-0,121	0,288
CHR12	9694717	CHR12:9694717	SSF x Far_LoA	-6,533	0,017	0,281
CHR12	9694750	CHR12:9694750	SSF x Far_LoA	-9,110	-0,013	0,291
CHR12	9694815	CHR12:9694815	SSF x Far_LoA	-8,330	-0,108	0,282
CHR12	9694916	CHR12:9694916	SSF x Far_LoA	-9,812	0,020	0,288
CHR12	9704252	CHR12:9704252	SSF x Far_LoA	-8,080	0,097	0,290
CHR12	9704313	CHR12:9704313	SSF x Far_LoA	-7,687	-0,064	0,312
CHR12	9733808	CHR12:9733808	SSF x Far_LoA	-8,315	0,073	0,279
CHR12	9733985	CHR12:9733985	SSF x Far_LoA	-9,593	0,021	0,302
CHR12	9739259	CHR12:9739259	SSF x Far_LoA	-4,990	0,075	0,310
CHR12	974128	CHR12:974128	SSF x Far_LoA	-11,189	0,003	0,301
CHR12	9744942	CHR12:9744942	SSF x Far_LoA	-8,875	0,018	0,288

CHR12	9745022	CHR12:9745022	SSF x Far_LoA	-11,119	-0,057	0,293
CHR12	9745043	CHR12:9745043	SSF x Far_LoA	-8,174	-0,101	0,285
CHR12	9745072	CHR12:9745072	SSF x Far_LoA	-10,029	-0,034	0,296
CHR12	9745111	CHR12:9745111	SSF x Far_LoA	-7,229	-0,017	0,292
CHR12	9745124	CHR12:9745124	SSF x Far_LoA	-7,344	-0,100	0,291
CHR12	9745188	CHR12:9745188	SSF x Far_LoA	-7,449	-0,073	0,294
CHR12	974737	CHR12:974737	SSF x Far_LoA	-8,153	0,153	0,278
CHR12	974774	CHR12:974774	SSF x Far_LoA	-0,927	0,144	0,276
CHR12	976766	CHR12:976766	SSF x Far_LoA	-7,184	-0,070	0,285
CHR12	976948	CHR12:976948	SSF x Far_LoA	-9,978	0,016	0,272
CHR12	978087	CHR12:978087	SSF x Far_LoA	-8,696	0,038	0,298
CHR12	978216	CHR12:978216	SSF x Far_LoA	-8,344	0,041	0,301
CHR12	979576	CHR12:979576	SSF x Far_LoA	-9,888	0,006	0,280
CHR12	979717	CHR12:979717	SSF x Far_LoA	-7,690	-0,052	0,299
CHR12	979773	CHR12:979773	SSF x Far_LoA	-9,023	0,232	0,272
CHR12	9800765	CHR12:9800765	SSF x Far_LoA	-11,844	-0,015	0,291
CHR12	9800867	CHR12:9800867	SSF x Far_LoA	-7,232	-0,117	0,296
CHR12	9806692	CHR12:9806692	SSF x Far_LoA	-9,488	-0,042	0,300
CHR12	981358	CHR12:981358	SSF x Far_LoA	-10,412	0,088	0,291
CHR12	9820632	CHR12:9820632	SSF x Far_LoA	-9,562	0,047	0,281
CHR12	9858447	CHR12:9858447	SSF x Far_LoA	-11,008	0,171	0,276
CHR12	9858520	CHR12:9858520	SSF x Far_LoA	-9,581	0,062	0,287
CHR12	9858642	CHR12:9858642	SSF x Far_LoA	-10,504	0,091	0,283
CHR12	9863736	CHR12:9863736	SSF x Far_LoA	-6,903	0,065	0,301
CHR12	9863784	CHR12:9863784	SSF x Far_LoA	-11,465	0,013	0,287
CHR12	9864078	CHR12:9864078	SSF x Far_LoA	-10,454	-0,046	0,295
CHR12	9870080	CHR12:9870080	SSF x Far_LoA	-11,341	0,032	0,281
CHR12	9870112	CHR12:9870112	SSF x Far_LoA	-10,402	0,131	0,286
CHR12	9875955	CHR12:9875955	SSF x Far_LoA	-10,923	0,037	0,302
CHR12	9896034	CHR12:9896034	SSF x Far_LoA	-9,230	0,071	0,291
CHR12	990818	CHR12:990818	SSF x Far_LoA	-8,585	0,057	0,283
CHR12	990849	CHR12:990849	SSF x Far_LoA	-9,857	0,138	0,295
CHR12	990995	CHR12:990995	SSF x Far_LoA	-10,202	0,015	0,294
CHR12	9917555	CHR12:9917555	SSF x Far_LoA	-11,112	0,015	0,299
CHR12	9921914	CHR12:9921914	SSF x Far_LoA	-12,008	-0,036	0,291
CHR12	9923279	CHR12:9923279	SSF x Far_LoA	-9,466	-0,058	0,290
CHR12	9930335	CHR12:9930335	SSF x Far_LoA	-11,916	0,000	0,285
CHR12	9931783	CHR12:9931783	SSF x Far_LoA	-9,317	0,107	0,265
CHR12	9945879	CHR12:9945879	SSF x Far_LoA	-10,804	-0,066	0,295
CHR12	9958234	CHR12:9958234	SSF x Far_LoA	-9,637	-0,020	0,292
CHR12	9958317	CHR12:9958317	SSF x Far_LoA	-10,508	-0,121	0,289
CHR12	9958417	CHR12:9958417	SSF x Far_LoA	-11,108	0,099	0,276
CHR12	9958588	CHR12:9958588	SSF x Far_LoA	-6,292	-0,136	0,287
CHR12	9967580	CHR12:9967580	SSF x Far_LoA	-10,489	0,003	0,294
CHR12	9967663	CHR12:9967663	SSF x Far_LoA	-8,230	-0,058	0,287
CHR13	1E+07	CHR13:10033237	SSF x Far_LoA	-11,091	-0,008	0,280
CHR13	1E+07	CHR13:10033487	SSF x Far_LoA	-9,566	-0,032	0,284
CHR13	1E+07	CHR13:10036099	SSF x Far_LoA	-6,632	0,083	0,282
CHR13	1E+07	CHR13:10048574	SSF x Far_LoA	-12,215	0,040	0,271
CHR13	1E+07	CHR13:10048635	SSF x Far_LoA	-5,608	-0,086	0,298
CHR13	1E+07	CHR13:10048736	SSF x Far_LoA	-9,195	-0,052	0,297
CHR13	1E+07	CHR13:10048763	SSF x Far_LoA	-8,601	-0,024	0,295
CHR13	1E+07	CHR13:10048814	SSF x Far_LoA	-7,283	-0,125	0,290

CHR13	1E+07	CHR13:10066688	SSF x Far_LoA	-8,661	0,064	0,292
CHR13	1E+07	CHR13:10066709	SSF x Far_LoA	-7,237	-0,007	0,289
CHR13	1E+07	CHR13:10066731	SSF x Far_LoA	-10,683	0,090	0,284
CHR13	1E+07	CHR13:10067775	SSF x Far_LoA	-11,476	-0,074	0,303
CHR13	1E+07	CHR13:10067950	SSF x Far_LoA	2,534	-0,034	0,281
CHR13	1009012	CHR13:1009012	SSF x Far_LoA	-8,775	0,024	0,281
CHR13	1E+07	CHR13:10091230	SSF x Far_LoA	-11,063	0,025	0,299
CHR13	1E+07	CHR13:10091240	SSF x Far_LoA	-4,189	0,141	0,282
CHR13	1009222	CHR13:1009222	SSF x Far_LoA	-8,120	-0,118	0,290
CHR13	1009326	CHR13:1009326	SSF x Far_LoA	-11,599	-0,017	0,290
CHR13	1E+07	CHR13:10098865	SSF x Far_LoA	-7,432	-0,191	0,271
CHR13	1E+07	CHR13:10098958	SSF x Far_LoA	-5,742	-0,164	0,281
CHR13	1E+07	CHR13:10098959	SSF x Far_LoA	-9,264	0,058	0,295
CHR13	1E+07	CHR13:10100520	SSF x Far_LoA	-9,896	0,067	0,285
CHR13	1E+07	CHR13:10106362	SSF x Far_LoA	-11,673	-0,040	0,286
CHR13	1E+07	CHR13:10106452	SSF x Far_LoA	-8,080	0,047	0,300
CHR13	1E+07	CHR13:10120941	SSF x Far_LoA	-8,298	0,069	0,290
CHR13	1E+07	CHR13:10120944	SSF x Far_LoA	-2,330	0,189	0,282
CHR13	1E+07	CHR13:10120953	SSF x Far_LoA	-3,663	0,079	0,295
CHR13	1E+07	CHR13:10121028	SSF x Far_LoA	-3,579	0,206	0,278
CHR13	1E+07	CHR13:10128620	SSF x Far_LoA	-9,805	-0,076	0,303
CHR13	1E+07	CHR13:10128707	SSF x Far_LoA	-8,120	0,082	0,299
CHR13	1E+07	CHR13:10128712	SSF x Far_LoA	-6,481	0,086	0,284
CHR13	1E+07	CHR13:10130527	SSF x Far_LoA	-7,882	0,110	0,283
CHR13	1E+07	CHR13:10130545	SSF x Far_LoA	-9,193	0,070	0,295
CHR13	1E+07	CHR13:10136490	SSF x Far_LoA	-9,002	-0,077	0,292
CHR13	1E+07	CHR13:10136505	SSF x Far_LoA	-8,646	-0,055	0,292
CHR13	1E+07	CHR13:10138333	SSF x Far_LoA	-4,781	0,043	0,299
CHR13	1E+07	CHR13:10140642	SSF x Far_LoA	-11,297	-0,053	0,285
CHR13	1E+07	CHR13:10140678	SSF x Far_LoA	-5,166	0,117	0,290
CHR13	1E+07	CHR13:10140688	SSF x Far_LoA	-8,314	-0,018	0,278
CHR13	1E+07	CHR13:10140873	SSF x Far_LoA	-10,198	-0,108	0,308
CHR13	1E+07	CHR13:10140888	SSF x Far_LoA	-7,664	0,006	0,297
CHR13	1E+07	CHR13:10158764	SSF x Far_LoA	-7,913	0,084	0,296
CHR13	1E+07	CHR13:10158773	SSF x Far_LoA	-3,581	0,040	0,296
CHR13	1E+07	CHR13:10158811	SSF x Far_LoA	-10,438	0,010	0,288
CHR13	1E+07	CHR13:10163002	SSF x Far_LoA	-7,814	0,082	0,308
CHR13	1E+07	CHR13:10163151	SSF x Far_LoA	-9,734	-0,066	0,296
CHR13	1016603	CHR13:1016603	SSF x Far_LoA	-7,762	-0,040	0,279
CHR13	1E+07	CHR13:10168983	SSF x Far_LoA	-9,787	-0,064	0,288
CHR13	1E+07	CHR13:10169137	SSF x Far_LoA	-12,037	-0,058	0,289
CHR13	1E+07	CHR13:10169174	SSF x Far_LoA	-9,283	-0,104	0,292
CHR13	1E+07	CHR13:10169196	SSF x Far_LoA	-10,388	0,085	0,307
CHR13	1E+07	CHR13:10172687	SSF x Far_LoA	-9,354	0,042	0,288
CHR13	1E+07	CHR13:10172801	SSF x Far_LoA	-8,385	0,075	0,293
CHR13	1E+07	CHR13:10173063	SSF x Far_LoA	-8,396	-0,066	0,282
CHR13	1E+07	CHR13:10177262	SSF x Far_LoA	-8,118	-0,127	0,295
CHR13	1E+07	CHR13:10177312	SSF x Far_LoA	-7,996	0,043	0,301
CHR13	1E+07	CHR13:10177547	SSF x Far_LoA	-8,366	0,024	0,294
CHR13	1E+07	CHR13:10177605	SSF x Far_LoA	-11,431	-0,011	0,296
CHR13	1E+07	CHR13:10179295	SSF x Far_LoA	-8,412	0,036	0,285
CHR13	1E+07	CHR13:10179541	SSF x Far_LoA	-7,318	-0,072	0,271
CHR13	1E+07	CHR13:10179620	SSF x Far_LoA	-9,826	-0,062	0,289

CHR13	1E+07	CHR13:10179641	SSF x Far_LoA	-8,845	0,019	0,299
CHR13	1E+07	CHR13:10182256	SSF x Far_LoA	-11,128	0,010	0,286
CHR13	1E+07	CHR13:10182346	SSF x Far_LoA	-8,406	-0,165	0,288
CHR13	1E+07	CHR13:10182365	SSF x Far_LoA	-7,141	-0,083	0,299
CHR13	1E+07	CHR13:10182473	SSF x Far_LoA	-8,726	0,058	0,293
CHR13	1E+07	CHR13:10182481	SSF x Far_LoA	-7,981	-0,157	0,283
CHR13	1E+07	CHR13:10182540	SSF x Far_LoA	-11,244	0,037	0,277
CHR13	1E+07	CHR13:10182541	SSF x Far_LoA	-8,937	-0,055	0,299
CHR13	1018344	CHR13:1018344	SSF x Far_LoA	-10,033	0,021	0,289
CHR13	1018408	CHR13:1018408	SSF x Far_LoA	-8,303	0,014	0,294
CHR13	1018536	CHR13:1018536	SSF x Far_LoA	-8,815	0,060	0,286
CHR13	1E+07	CHR13:10189207	SSF x Far_LoA	-8,072	0,073	0,275
CHR13	1E+07	CHR13:10189231	SSF x Far_LoA	-8,947	-0,066	0,282
CHR13	1E+07	CHR13:10189251	SSF x Far_LoA	-9,045	0,084	0,284
CHR13	1E+07	CHR13:10189271	SSF x Far_LoA	-9,838	-0,006	0,288
CHR13	1E+07	CHR13:10193787	SSF x Far_LoA	-9,110	-0,130	0,299
CHR13	1019910	CHR13:1019910	SSF x Far_LoA	-7,519	-0,154	0,280
CHR13	1E+07	CHR13:10205133	SSF x Far_LoA	-6,723	-0,149	0,284
CHR13	1E+07	CHR13:10205134	SSF x Far_LoA	-8,956	0,107	0,296
CHR13	1E+07	CHR13:10205297	SSF x Far_LoA	-8,822	0,097	0,278
CHR13	1E+07	CHR13:10205312	SSF x Far_LoA	-8,261	-0,076	0,282
CHR13	1E+07	CHR13:10205331	SSF x Far_LoA	-8,085	0,127	0,291
CHR13	1E+07	CHR13:10205419	SSF x Far_LoA	-5,546	-0,134	0,295
CHR13	1E+07	CHR13:10205477	SSF x Far_LoA	-8,744	-0,018	0,300
CHR13	1E+07	CHR13:10220736	SSF x Far_LoA	-9,496	0,030	0,305
CHR13	1E+07	CHR13:10220888	SSF x Far_LoA	-8,800	-0,122	0,302
CHR13	1E+07	CHR13:10223480	SSF x Far_LoA	-10,656	-0,022	0,298
CHR13	1E+07	CHR13:10223515	SSF x Far_LoA	0,125	-0,015	0,291
CHR13	1E+07	CHR13:10223586	SSF x Far_LoA	-10,023	0,035	0,287
CHR13	1E+07	CHR13:10230632	SSF x Far_LoA	-9,866	-0,075	0,281
CHR13	1E+07	CHR13:10233680	SSF x Far_LoA	-9,566	-0,160	0,283
CHR13	1E+07	CHR13:10233737	SSF x Far_LoA	-8,622	-0,120	0,269
CHR13	1E+07	CHR13:10233792	SSF x Far_LoA	-10,509	0,078	0,276
CHR13	1E+07	CHR13:10233808	SSF x Far_LoA	-10,674	-0,029	0,285
CHR13	1E+07	CHR13:10233826	SSF x Far_LoA	-8,809	0,188	0,287
CHR13	1E+07	CHR13:10233860	SSF x Far_LoA	-9,445	-0,080	0,285
CHR13	1E+07	CHR13:10233911	SSF x Far_LoA	-2,882	-0,200	0,286
CHR13	1E+07	CHR13:10236938	SSF x Far_LoA	-9,344	0,015	0,269
CHR13	1E+07	CHR13:10237061	SSF x Far_LoA	-6,859	-0,120	0,295
CHR13	1E+07	CHR13:10237094	SSF x Far_LoA	-8,147	-0,126	0,303
CHR13	1E+07	CHR13:10237098	SSF x Far_LoA	-8,716	0,074	0,288
CHR13	1E+07	CHR13:10237168	SSF x Far_LoA	-9,765	-0,008	0,302
CHR13	1E+07	CHR13:10237259	SSF x Far_LoA	-8,350	0,034	0,299
CHR13	1024153	CHR13:1024153	SSF x Far_LoA	-8,938	-0,006	0,303
CHR13	1024189	CHR13:1024189	SSF x Far_LoA	-8,222	0,054	0,283
CHR13	1024194	CHR13:1024194	SSF x Far_LoA	-10,179	-0,029	0,286
CHR13	1024251	CHR13:1024251	SSF x Far_LoA	-7,161	-0,124	0,279
CHR13	1024308	CHR13:1024308	SSF x Far_LoA	-8,581	0,040	0,289
CHR13	1E+07	CHR13:10243517	SSF x Far_LoA	-3,393	-0,012	0,283
CHR13	1E+07	CHR13:10243614	SSF x Far_LoA	-6,910	-0,019	0,289
CHR13	1E+07	CHR13:10243699	SSF x Far_LoA	-4,664	-0,021	0,292
CHR13	1E+07	CHR13:10243718	SSF x Far_LoA	-10,302	0,009	0,302
CHR13	1E+07	CHR13:10243751	SSF x Far_LoA	-9,262	-0,003	0,279

CHR13	1E+07	CHR13:10248815	SSF x Far_LoA	-10,744	-0,025	0,280
CHR13	1E+07	CHR13:10248819	SSF x Far_LoA	-9,763	-0,044	0,299
CHR13	1E+07	CHR13:10255457	SSF x Far_LoA	-1,623	-0,110	0,287
CHR13	1E+07	CHR13:10269290	SSF x Far_LoA	-8,319	-0,039	0,300
CHR13	1E+07	CHR13:10269335	SSF x Far_LoA	-9,428	0,018	0,288
CHR13	1E+07	CHR13:10269566	SSF x Far_LoA	-6,406	-0,051	0,294
CHR13	1029284	CHR13:1029284	SSF x Far_LoA	-8,473	0,004	0,292
CHR13	1E+07	CHR13:10292938	SSF x Far_LoA	-10,339	0,038	0,307
CHR13	1E+07	CHR13:10293074	SSF x Far_LoA	-9,980	-0,066	0,285
CHR13	1E+07	CHR13:10293076	SSF x Far_LoA	-7,796	0,097	0,293
CHR13	1E+07	CHR13:10293092	SSF x Far_LoA	-8,069	0,083	0,287
CHR13	1E+07	CHR13:10293984	SSF x Far_LoA	-10,149	0,014	0,279
CHR13	1E+07	CHR13:10294106	SSF x Far_LoA	-10,773	-0,069	0,306
CHR13	1E+07	CHR13:10294124	SSF x Far_LoA	-9,304	0,075	0,279
CHR13	1E+07	CHR13:10294222	SSF x Far_LoA	-11,164	-0,034	0,277
CHR13	1E+07	CHR13:10294271	SSF x Far_LoA	-8,104	0,126	0,281
CHR13	1E+07	CHR13:10294284	SSF x Far_LoA	-8,543	-0,044	0,294
CHR13	1029503	CHR13:1029503	SSF x Far_LoA	-8,937	-0,089	0,287
CHR13	1029515	CHR13:1029515	SSF x Far_LoA	-9,569	-0,067	0,307
CHR13	1029519	CHR13:1029519	SSF x Far_LoA	-11,698	-0,014	0,296
CHR13	1E+07	CHR13:10303366	SSF x Far_LoA	-5,879	0,091	0,279
CHR13	1E+07	CHR13:10303501	SSF x Far_LoA	-9,243	-0,073	0,289
CHR13	1E+07	CHR13:10305746	SSF x Far_LoA	-8,415	0,012	0,293
CHR13	1E+07	CHR13:10306098	SSF x Far_LoA	-9,717	0,028	0,298
CHR13	1E+07	CHR13:10315394	SSF x Far_LoA	-11,095	0,022	0,291
CHR13	1E+07	CHR13:10315508	SSF x Far_LoA	-8,858	-0,100	0,289
CHR13	1E+07	CHR13:10315591	SSF x Far_LoA	-6,920	-0,133	0,295
CHR13	1E+07	CHR13:10318020	SSF x Far_LoA	-8,435	-0,123	0,280
CHR13	1E+07	CHR13:10318197	SSF x Far_LoA	-10,875	-0,067	0,274
CHR13	1E+07	CHR13:10323053	SSF x Far_LoA	-11,110	0,068	0,280
CHR13	1E+07	CHR13:10323298	SSF x Far_LoA	-9,448	-0,107	0,294
CHR13	1E+07	CHR13:10328824	SSF x Far_LoA	-10,152	0,056	0,283
CHR13	1E+07	CHR13:10328973	SSF x Far_LoA	-7,981	-0,054	0,273
CHR13	1E+07	CHR13:10328997	SSF x Far_LoA	-11,141	0,056	0,291
CHR13	1E+07	CHR13:10333396	SSF x Far_LoA	-10,812	0,001	0,277
CHR13	1E+07	CHR13:10333429	SSF x Far_LoA	-10,852	-0,054	0,294
CHR13	1E+07	CHR13:10333439	SSF x Far_LoA	-9,794	-0,018	0,302
CHR13	1E+07	CHR13:10333441	SSF x Far_LoA	-8,669	0,120	0,274
CHR13	1E+07	CHR13:10333460	SSF x Far_LoA	-3,101	-0,112	0,295
CHR13	1E+07	CHR13:10333480	SSF x Far_LoA	-10,093	-0,037	0,299
CHR13	1E+07	CHR13:10333501	SSF x Far_LoA	-5,062	0,085	0,288
CHR13	1E+07	CHR13:10346308	SSF x Far_LoA	-9,825	0,089	0,273
CHR13	1E+07	CHR13:10346372	SSF x Far_LoA	-9,534	-0,086	0,282
CHR13	1E+07	CHR13:10346375	SSF x Far_LoA	-8,802	0,060	0,281
CHR13	1E+07	CHR13:10346396	SSF x Far_LoA	-9,268	-0,014	0,294
CHR13	1E+07	CHR13:10346416	SSF x Far_LoA	-10,263	-0,058	0,303
CHR13	1E+07	CHR13:10346418	SSF x Far_LoA	-8,378	0,020	0,298
CHR13	1E+07	CHR13:10346513	SSF x Far_LoA	-8,815	0,051	0,292
CHR13	1E+07	CHR13:10349542	SSF x Far_LoA	-11,591	-0,062	0,285
CHR13	1E+07	CHR13:10349544	SSF x Far_LoA	0,865	-0,097	0,295
CHR13	1E+07	CHR13:10349637	SSF x Far_LoA	-7,416	0,149	0,293
CHR13	1E+07	CHR13:10349641	SSF x Far_LoA	2,316	0,122	0,299
CHR13	1E+07	CHR13:10349675	SSF x Far_LoA	-6,552	-0,131	0,301

CHR13	1E+07	CHR13:1035236C	SSF x Far_LoA	-10,991	0,085	0,292
CHR13	1E+07	CHR13:1035249З	SSF x Far_LoA	-8,744	-0,017	0,293
CHR13	1E+07	CHR13:1035251I	SSF x Far_LoA	-8,389	-0,051	0,294
CHR13	1E+07	CHR13:1036824S	SSF x Far_LoA	-11,684	-0,041	0,287
CHR13	1E+07	CHR13:1036824Ⅶ	SSF x Far_LoA	-11,586	-0,062	0,286
CHR13	1E+07	CHR13:1036829९	SSF x Far_LoA	-8,550	-0,074	0,297
CHR13	1E+07	CHR13:1036837Ч	SSF x Far_LoA	-9,069	0,077	0,277
CHR13	1E+07	CHR13:1036842Ƨ	SSF x Far_LoA	-8,730	-0,023	0,284
CHR13	1E+07	CHR13:1037955Ȣ	SSF x Far_LoA	-10,221	-0,011	0,295
CHR13	1E+07	CHR13:1038293S	SSF x Far_LoA	-6,727	-0,144	0,282
CHR13	1E+07	CHR13:1038792C	SSF x Far_LoA	-8,582	0,100	0,292
CHR13	1E+07	CHR13:1038801Ƨ	SSF x Far_LoA	-9,698	0,119	0,277
CHR13	1E+07	CHR13:1038806I	SSF x Far_LoA	-10,904	0,074	0,292
CHR13	1E+07	CHR13:1038806९	SSF x Far_LoA	-10,354	-0,054	0,278
CHR13	1E+07	CHR13:1039199I	SSF x Far_LoA	-8,755	0,006	0,295
CHR13	1E+07	CHR13:1039203З	SSF x Far_LoA	-10,535	-0,011	0,293
CHR13	1E+07	CHR13:1039209Ƨ	SSF x Far_LoA	-11,992	-0,047	0,286
CHR13	1E+07	CHR13:1039256Ƨ	SSF x Far_LoA	-11,925	0,060	0,281
CHR13	1E+07	CHR13:1039256Ȣ	SSF x Far_LoA	-11,000	-0,069	0,267
CHR13	1E+07	CHR13:1040441C	SSF x Far_LoA	-10,249	-0,093	0,289
CHR13	1E+07	CHR13:1041457ϭ	SSF x Far_LoA	-6,967	-0,055	0,295
CHR13	1E+07	CHR13:1041468Ƨ	SSF x Far_LoA	-9,424	0,028	0,305
CHR13	1E+07	CHR13:1041471Ȣ	SSF x Far_LoA	-1,389	-0,128	0,293
CHR13	1E+07	CHR13:1041610ϭ	SSF x Far_LoA	-10,362	-0,066	0,279
CHR13	1E+07	CHR13:1041935९	SSF x Far_LoA	-8,483	0,147	0,294
CHR13	1E+07	CHR13:1041943Ȣ	SSF x Far_LoA	-9,377	0,065	0,284
CHR13	1E+07	CHR13:1041957Ƨ	SSF x Far_LoA	-10,798	-0,036	0,296
CHR13	1E+07	CHR13:1042997Ȣ	SSF x Far_LoA	-3,896	-0,203	0,277
CHR13	1E+07	CHR13:1043006९	SSF x Far_LoA	-8,501	-0,026	0,307
CHR13	1E+07	CHR13:1043456ϭ	SSF x Far_LoA	-9,535	-0,001	0,305
CHR13	1E+07	CHR13:1045180९	SSF x Far_LoA	-10,113	0,006	0,295
CHR13	1E+07	CHR13:1045193C	SSF x Far_LoA	-8,247	-0,039	0,312
CHR13	1E+07	CHR13:1045736९	SSF x Far_LoA	-8,617	-0,136	0,288
CHR13	1E+07	CHR13:1045738S	SSF x Far_LoA	-11,051	0,015	0,302
CHR13	1E+07	CHR13:1045740Ƨ	SSF x Far_LoA	-10,652	0,020	0,302
CHR13	1E+07	CHR13:1045740S	SSF x Far_LoA	-9,482	0,072	0,300
CHR13	1E+07	CHR13:1047258Ȣ	SSF x Far_LoA	-9,804	0,160	0,286
CHR13	1E+07	CHR13:1048227Ȣ	SSF x Far_LoA	-8,701	0,044	0,292
CHR13	1E+07	CHR13:1048946З	SSF x Far_LoA	-10,883	-0,035	0,302
CHR13	1049650	CHR13:1049650	SSF x Far_LoA	-8,888	-0,076	0,284
CHR13	1049772	CHR13:1049772	SSF x Far_LoA	-9,555	-0,002	0,292
CHR13	1049774	CHR13:1049774	SSF x Far_LoA	-9,247	0,071	0,298
CHR13	1E+07	CHR13:1049783Ⅵ	SSF x Far_LoA	-9,576	0,136	0,291
CHR13	1E+07	CHR13:1049794Ȣ	SSF x Far_LoA	-8,521	0,074	0,292
CHR13	1049806	CHR13:1049806	SSF x Far_LoA	-9,093	0,084	0,279
CHR13	10519683	CHR13:1051968З	SSF x Far_LoA	-8,992	-0,062	0,289
CHR13	10526443	CHR13:1052644З	SSF x Far_LoA	-11,649	0,088	0,283
CHR13	10526556	CHR13:1052655ϭ	SSF x Far_LoA	-10,807	0,047	0,287
CHR13	10526603	CHR13:1052660З	SSF x Far_LoA	-8,802	0,013	0,273
CHR13	10526623	CHR13:1052662З	SSF x Far_LoA	-11,147	-0,053	0,297
CHR13	10541162	CHR13:1054116Ƨ	SSF x Far_LoA	-9,026	0,015	0,277
CHR13	10541251	CHR13:1054125I	SSF x Far_LoA	-8,503	0,017	0,306
CHR13	10541270	CHR13:1054127C	SSF x Far_LoA	7,716	-0,030	0,285

CHR13	10542663	CHR13:10542663	SSF x Far_LoA	-11,440	0,034	0,288
CHR13	10556440	CHR13:10556440	SSF x Far_LoA	-9,364	0,080	0,288
CHR13	10561263	CHR13:10561263	SSF x Far_LoA	-10,599	-0,030	0,305
CHR13	10561292	CHR13:10561292	SSF x Far_LoA	-12,227	0,056	0,288
CHR13	10561609	CHR13:10561609	SSF x Far_LoA	-6,665	-0,087	0,280
CHR13	10619414	CHR13:10619414	SSF x Far_LoA	-11,239	-0,083	0,288
CHR13	10619671	CHR13:10619671	SSF x Far_LoA	-8,603	-0,074	0,284
CHR13	1062281	CHR13:1062281	SSF x Far_LoA	-8,250	-0,009	0,303
CHR13	1062418	CHR13:1062418	SSF x Far_LoA	-6,587	-0,052	0,295
CHR13	1062473	CHR13:1062473	SSF x Far_LoA	-10,716	-0,001	0,294
CHR13	10624865	CHR13:10624865	SSF x Far_LoA	0,472	-0,333	0,259
CHR13	10624898	CHR13:10624898	SSF x Far_LoA	-8,684	0,023	0,281
CHR13	10624902	CHR13:10624902	SSF x Far_LoA	-8,169	0,036	0,275
CHR13	10624908	CHR13:10624908	SSF x Far_LoA	-8,852	0,038	0,289
CHR13	1062562	CHR13:1062562	SSF x Far_LoA	-11,147	0,055	0,307
CHR13	10647882	CHR13:10647882	SSF x Far_LoA	-10,035	-0,029	0,298
CHR13	10648087	CHR13:10648087	SSF x Far_LoA	-9,265	-0,030	0,288
CHR13	10649127	CHR13:10649127	SSF x Far_LoA	-7,479	0,068	0,284
CHR13	10649305	CHR13:10649305	SSF x Far_LoA	-5,356	0,198	0,289
CHR13	10651150	CHR13:10651150	SSF x Far_LoA	-9,895	-0,030	0,288
CHR13	10657023	CHR13:10657023	SSF x Far_LoA	-7,599	-0,035	0,291
CHR13	10673170	CHR13:10673170	SSF x Far_LoA	-8,519	0,001	0,291
CHR13	10673244	CHR13:10673244	SSF x Far_LoA	-1,183	0,085	0,276
CHR13	10673253	CHR13:10673253	SSF x Far_LoA	-5,208	-0,077	0,277
CHR13	10673342	CHR13:10673342	SSF x Far_LoA	-8,334	-0,039	0,289
CHR13	10684670	CHR13:10684670	SSF x Far_LoA	-7,482	-0,008	0,294
CHR13	10684752	CHR13:10684752	SSF x Far_LoA	-9,801	-0,065	0,279
CHR13	10684760	CHR13:10684760	SSF x Far_LoA	-9,139	-0,091	0,287
CHR13	10696431	CHR13:10696431	SSF x Far_LoA	-6,658	-0,054	0,294
CHR13	10696437	CHR13:10696437	SSF x Far_LoA	-6,830	-0,136	0,274
CHR13	10698782	CHR13:10698782	SSF x Far_LoA	-8,409	-0,034	0,294
CHR13	1070327	CHR13:1070327	SSF x Far_LoA	-11,428	-0,037	0,294
CHR13	10719480	CHR13:10719480	SSF x Far_LoA	-8,230	-0,096	0,297
CHR13	10719492	CHR13:10719492	SSF x Far_LoA	-7,653	0,132	0,299
CHR13	10719583	CHR13:10719583	SSF x Far_LoA	-7,581	0,155	0,278
CHR13	10719592	CHR13:10719592	SSF x Far_LoA	-7,535	-0,109	0,281
CHR13	10738925	CHR13:10738925	SSF x Far_LoA	4,467	0,119	0,287
CHR13	10738963	CHR13:10738963	SSF x Far_LoA	-8,453	-0,132	0,293
CHR13	10745123	CHR13:10745123	SSF x Far_LoA	-10,559	-0,026	0,289
CHR13	10745209	CHR13:10745209	SSF x Far_LoA	-9,579	0,128	0,285
CHR13	10755728	CHR13:10755728	SSF x Far_LoA	-6,773	0,064	0,292
CHR13	10755842	CHR13:10755842	SSF x Far_LoA	-10,556	-0,078	0,306
CHR13	10768072	CHR13:10768072	SSF x Far_LoA	-9,506	0,068	0,284
CHR13	10769154	CHR13:10769154	SSF x Far_LoA	-10,659	-0,066	0,288
CHR13	10772382	CHR13:10772382	SSF x Far_LoA	-11,140	0,077	0,281
CHR13	1079041	CHR13:1079041	SSF x Far_LoA	-10,288	0,131	0,289
CHR13	10792914	CHR13:10792914	SSF x Far_LoA	-8,645	-0,078	0,307
CHR13	10800355	CHR13:10800355	SSF x Far_LoA	-9,120	-0,156	0,282
CHR13	10805871	CHR13:10805871	SSF x Far_LoA	-8,179	0,049	0,288
CHR13	10805938	CHR13:10805938	SSF x Far_LoA	-11,312	0,048	0,293
CHR13	10805971	CHR13:10805971	SSF x Far_LoA	-6,880	0,124	0,293
CHR13	10805991	CHR13:10805991	SSF x Far_LoA	-4,861	0,096	0,303
CHR13	10806025	CHR13:10806025	SSF x Far_LoA	-5,715	0,105	0,281

CHR13	10806161	CHR13:10806161	SSF x Far_LoA	-9,029	-0,051	0,295
CHR13	10806169	CHR13:10806169	SSF x Far_LoA	-9,130	-0,040	0,298
CHR13	10826557	CHR13:10826557	SSF x Far_LoA	-10,584	0,104	0,272
CHR13	10826716	CHR13:10826716	SSF x Far_LoA	-8,476	-0,041	0,287
CHR13	10826743	CHR13:10826743	SSF x Far_LoA	-9,191	-0,042	0,299
CHR13	10826761	CHR13:10826761	SSF x Far_LoA	-9,856	-0,029	0,281
CHR13	10826887	CHR13:10826887	SSF x Far_LoA	-4,614	0,055	0,291
CHR13	10830626	CHR13:10830626	SSF x Far_LoA	-8,585	-0,084	0,291
CHR13	10842816	CHR13:10842816	SSF x Far_LoA	-10,736	-0,065	0,287
CHR13	10842820	CHR13:10842820	SSF x Far_LoA	-8,320	-0,053	0,311
CHR13	10842829	CHR13:10842829	SSF x Far_LoA	-9,262	-0,023	0,295
CHR13	10843046	CHR13:10843046	SSF x Far_LoA	-9,804	-0,074	0,289
CHR13	10853167	CHR13:10853167	SSF x Far_LoA	-11,306	0,044	0,281
CHR13	10853178	CHR13:10853178	SSF x Far_LoA	-8,530	0,029	0,305
CHR13	10853194	CHR13:10853194	SSF x Far_LoA	-10,672	0,075	0,295
CHR13	10866331	CHR13:10866331	SSF x Far_LoA	-9,291	0,086	0,292
CHR13	10873352	CHR13:10873352	SSF x Far_LoA	-8,850	0,085	0,290
CHR13	10873481	CHR13:10873481	SSF x Far_LoA	-5,507	0,135	0,284
CHR13	10873516	CHR13:10873516	SSF x Far_LoA	-11,495	-0,082	0,290
CHR13	10890919	CHR13:10890919	SSF x Far_LoA	-9,897	0,023	0,282
CHR13	10898366	CHR13:10898366	SSF x Far_LoA	-7,418	0,097	0,296
CHR13	10898408	CHR13:10898408	SSF x Far_LoA	-8,951	-0,032	0,299
CHR13	10898606	CHR13:10898606	SSF x Far_LoA	-11,239	-0,049	0,287
CHR13	10900524	CHR13:10900524	SSF x Far_LoA	-9,086	0,054	0,278
CHR13	10902309	CHR13:10902309	SSF x Far_LoA	-7,967	0,161	0,264
CHR13	10902355	CHR13:10902355	SSF x Far_LoA	-3,738	0,069	0,298
CHR13	10902361	CHR13:10902361	SSF x Far_LoA	-10,614	0,000	0,288
CHR13	10902454	CHR13:10902454	SSF x Far_LoA	-6,116	-0,004	0,290
CHR13	10902517	CHR13:10902517	SSF x Far_LoA	-10,964	-0,005	0,291
CHR13	10902546	CHR13:10902546	SSF x Far_LoA	-10,584	-0,012	0,270
CHR13	10906738	CHR13:10906738	SSF x Far_LoA	-8,549	0,001	0,290
CHR13	10906765	CHR13:10906765	SSF x Far_LoA	-9,067	0,041	0,296
CHR13	10906771	CHR13:10906771	SSF x Far_LoA	-9,836	-0,010	0,282
CHR13	10906834	CHR13:10906834	SSF x Far_LoA	-10,599	0,047	0,288
CHR13	10920082	CHR13:10920082	SSF x Far_LoA	-8,609	0,124	0,270
CHR13	10920309	CHR13:10920309	SSF x Far_LoA	-8,455	0,088	0,288
CHR13	1093071	CHR13:1093071	SSF x Far_LoA	-9,285	0,122	0,288
CHR13	1093094	CHR13:1093094	SSF x Far_LoA	-11,048	-0,026	0,287
CHR13	1094606	CHR13:1094606	SSF x Far_LoA	-9,158	-0,068	0,298
CHR13	1094632	CHR13:1094632	SSF x Far_LoA	-10,828	0,110	0,278
CHR13	1094724	CHR13:1094724	SSF x Far_LoA	-10,701	-0,033	0,302
CHR13	10958674	CHR13:10958674	SSF x Far_LoA	-8,899	0,072	0,299
CHR13	10958681	CHR13:10958681	SSF x Far_LoA	-9,138	0,066	0,315
CHR13	10958737	CHR13:10958737	SSF x Far_LoA	-7,958	0,206	0,284
CHR13	10964339	CHR13:10964339	SSF x Far_LoA	-9,249	0,030	0,284
CHR13	10971340	CHR13:10971340	SSF x Far_LoA	-8,765	-0,016	0,302
CHR13	1098237	CHR13:1098237	SSF x Far_LoA	-8,612	-0,014	0,280
CHR13	10982518	CHR13:10982518	SSF x Far_LoA	-11,841	-0,036	0,288
CHR13	1098408	CHR13:1098408	SSF x Far_LoA	-6,654	-0,007	0,291
CHR13	10988129	CHR13:10988129	SSF x Far_LoA	-9,867	0,029	0,284
CHR13	10988151	CHR13:10988151	SSF x Far_LoA	-5,897	0,113	0,300
CHR13	10988473	CHR13:10988473	SSF x Far_LoA	-9,126	0,019	0,298
CHR13	10995318	CHR13:10995318	SSF x Far_LoA	-7,845	0,114	0,284

CHR13	10995515	CHR13:10995515	SSF x Far_LoA	-11,766	-0,070	0,271
CHR13	10995517	CHR13:10995517	SSF x Far_LoA	-8,826	-0,060	0,278
CHR13	10995665	CHR13:10995665	SSF x Far_LoA	-10,992	0,056	0,293
CHR13	11005789	CHR13:11005789	SSF x Far_LoA	-8,002	0,054	0,293
CHR13	11006242	CHR13:11006242	SSF x Far_LoA	-11,846	-0,057	0,292
CHR13	11021016	CHR13:11021016	SSF x Far_LoA	-8,524	-0,023	0,302
CHR13	11021062	CHR13:11021062	SSF x Far_LoA	-10,327	-0,040	0,314
CHR13	11022600	CHR13:11022600	SSF x Far_LoA	-4,883	-0,164	0,282
CHR13	11022647	CHR13:11022647	SSF x Far_LoA	-10,783	-0,067	0,288
CHR13	11022661	CHR13:11022661	SSF x Far_LoA	-11,349	0,007	0,280
CHR13	11022669	CHR13:11022669	SSF x Far_LoA	-8,447	0,041	0,302
CHR13	11022733	CHR13:11022733	SSF x Far_LoA	-8,584	-0,161	0,280
CHR13	11022793	CHR13:11022793	SSF x Far_LoA	-10,686	0,043	0,291
CHR13	11028370	CHR13:11028370	SSF x Far_LoA	-8,796	-0,005	0,300
CHR13	11028443	CHR13:11028443	SSF x Far_LoA	-10,958	-0,027	0,269
CHR13	11039231	CHR13:11039231	SSF x Far_LoA	-10,422	0,027	0,302
CHR13	11039293	CHR13:11039293	SSF x Far_LoA	-8,235	0,107	0,294
CHR13	11039356	CHR13:11039356	SSF x Far_LoA	-8,877	-0,112	0,288
CHR13	11041959	CHR13:11041959	SSF x Far_LoA	-7,660	0,139	0,283
CHR13	11042027	CHR13:11042027	SSF x Far_LoA	-9,323	0,033	0,299
CHR13	11042080	CHR13:11042080	SSF x Far_LoA	-9,456	-0,128	0,289
CHR13	11042216	CHR13:11042216	SSF x Far_LoA	-10,342	-0,018	0,303
CHR13	11063668	CHR13:11063668	SSF x Far_LoA	-9,091	0,012	0,281
CHR13	11066797	CHR13:11066797	SSF x Far_LoA	-11,169	0,043	0,290
CHR13	11066812	CHR13:11066812	SSF x Far_LoA	-9,688	-0,030	0,287
CHR13	11066825	CHR13:11066825	SSF x Far_LoA	-8,507	0,067	0,270
CHR13	11066835	CHR13:11066835	SSF x Far_LoA	-9,661	-0,030	0,289
CHR13	11066896	CHR13:11066896	SSF x Far_LoA	-7,993	0,033	0,303
CHR13	11066943	CHR13:11066943	SSF x Far_LoA	-8,926	-0,064	0,292
CHR13	11067134	CHR13:11067134	SSF x Far_LoA	-9,573	0,034	0,292
CHR13	11067137	CHR13:11067137	SSF x Far_LoA	-11,287	0,080	0,289
CHR13	11074776	CHR13:11074776	SSF x Far_LoA	-9,108	0,063	0,285
CHR13	11074784	CHR13:11074784	SSF x Far_LoA	-7,633	-0,046	0,294
CHR13	11074955	CHR13:11074955	SSF x Far_LoA	-9,298	-0,076	0,296
CHR13	11085089	CHR13:11085089	SSF x Far_LoA	-11,872	-0,040	0,296
CHR13	11085104	CHR13:11085104	SSF x Far_LoA	-8,842	-0,049	0,279
CHR13	11086315	CHR13:11086315	SSF x Far_LoA	-7,281	-0,094	0,267
CHR13	11090074	CHR13:11090074	SSF x Far_LoA	-5,983	0,188	0,280
CHR13	11101987	CHR13:11101987	SSF x Far_LoA	-6,943	-0,070	0,317
CHR13	11101994	CHR13:11101994	SSF x Far_LoA	-11,382	-0,019	0,282
CHR13	11102030	CHR13:11102030	SSF x Far_LoA	-12,384	0,036	0,287
CHR13	1111813	CHR13:1111813	SSF x Far_LoA	-7,610	-0,190	0,269
CHR13	1111845	CHR13:1111845	SSF x Far_LoA	-11,516	-0,021	0,299
CHR13	1112043	CHR13:1112043	SSF x Far_LoA	-10,445	-0,084	0,300
CHR13	1112136	CHR13:1112136	SSF x Far_LoA	-5,599	-0,100	0,286
CHR13	1112196	CHR13:1112196	SSF x Far_LoA	-8,817	-0,020	0,303
CHR13	1112211	CHR13:1112211	SSF x Far_LoA	-11,533	-0,010	0,279
CHR13	11151323	CHR13:11151323	SSF x Far_LoA	-8,455	0,121	0,294
CHR13	11152218	CHR13:11152218	SSF x Far_LoA	-8,517	-0,032	0,290
CHR13	11152338	CHR13:11152338	SSF x Far_LoA	-11,580	-0,005	0,298
CHR13	11152355	CHR13:11152355	SSF x Far_LoA	-9,348	0,112	0,293
CHR13	11155675	CHR13:11155675	SSF x Far_LoA	-4,265	-0,141	0,288
CHR13	11155852	CHR13:11155852	SSF x Far_LoA	1,063	0,183	0,278

CHR13	11173769	CHR13:11173769	SSF x Far_LoA	-7,067	0,122	0,283
CHR13	11173784	CHR13:11173784	SSF x Far_LoA	-6,486	0,074	0,286
CHR13	11173797	CHR13:11173797	SSF x Far_LoA	-8,976	-0,021	0,297
CHR13	11173827	CHR13:11173827	SSF x Far_LoA	-8,468	-0,003	0,295
CHR13	11173830	CHR13:11173830	SSF x Far_LoA	-8,036	0,011	0,304
CHR13	11173877	CHR13:11173877	SSF x Far_LoA	-8,851	-0,115	0,301
CHR13	11173911	CHR13:11173911	SSF x Far_LoA	-8,501	0,144	0,290
CHR13	11177203	CHR13:11177203	SSF x Far_LoA	-10,157	0,000	0,298
CHR13	11181590	CHR13:11181590	SSF x Far_LoA	-10,797	-0,018	0,295
CHR13	11181641	CHR13:11181641	SSF x Far_LoA	-9,615	-0,024	0,296
CHR13	11192065	CHR13:11192065	SSF x Far_LoA	-10,557	-0,020	0,299
CHR13	11192448	CHR13:11192448	SSF x Far_LoA	-6,648	-0,095	0,305
CHR13	11210753	CHR13:11210753	SSF x Far_LoA	-11,122	0,006	0,295
CHR13	11210764	CHR13:11210764	SSF x Far_LoA	-11,680	0,015	0,284
CHR13	11216626	CHR13:11216626	SSF x Far_LoA	-9,676	0,010	0,284
CHR13	11216667	CHR13:11216667	SSF x Far_LoA	-10,897	0,068	0,290
CHR13	11229972	CHR13:11229972	SSF x Far_LoA	-7,684	-0,126	0,278
CHR13	11231507	CHR13:11231507	SSF x Far_LoA	-9,739	0,016	0,301
CHR13	11231551	CHR13:11231551	SSF x Far_LoA	-9,195	-0,107	0,290
CHR13	11231579	CHR13:11231579	SSF x Far_LoA	-8,681	-0,013	0,283
CHR13	11231589	CHR13:11231589	SSF x Far_LoA	-11,066	-0,008	0,310
CHR13	11231590	CHR13:11231590	SSF x Far_LoA	-6,659	0,137	0,295
CHR13	11238226	CHR13:11238226	SSF x Far_LoA	-11,144	0,022	0,306
CHR13	11238352	CHR13:11238352	SSF x Far_LoA	-9,773	0,013	0,302
CHR13	11238373	CHR13:11238373	SSF x Far_LoA	-11,479	0,057	0,294
CHR13	11238421	CHR13:11238421	SSF x Far_LoA	-2,541	0,081	0,292
CHR13	11263364	CHR13:11263364	SSF x Far_LoA	-8,027	-0,114	0,280
CHR13	11263388	CHR13:11263388	SSF x Far_LoA	-10,926	-0,028	0,284
CHR13	1126508	CHR13:1126508	SSF x Far_LoA	-7,317	-0,106	0,292
CHR13	11265151	CHR13:11265151	SSF x Far_LoA	-9,703	0,133	0,278
CHR13	11265207	CHR13:11265207	SSF x Far_LoA	-8,125	0,085	0,285
CHR13	11265261	CHR13:11265261	SSF x Far_LoA	-4,601	-0,247	0,271
CHR13	11265264	CHR13:11265264	SSF x Far_LoA	-5,964	0,138	0,283
CHR13	11265306	CHR13:11265306	SSF x Far_LoA	-8,673	-0,012	0,290
CHR13	11265315	CHR13:11265315	SSF x Far_LoA	-8,889	0,107	0,287
CHR13	1126631	CHR13:1126631	SSF x Far_LoA	-8,613	0,120	0,286
CHR13	1126681	CHR13:1126681	SSF x Far_LoA	-8,394	0,054	0,272
CHR13	1126859	CHR13:1126859	SSF x Far_LoA	-10,875	0,048	0,289
CHR13	11278361	CHR13:11278361	SSF x Far_LoA	-8,302	-0,115	0,268
CHR13	11278485	CHR13:11278485	SSF x Far_LoA	-9,558	-0,077	0,279
CHR13	11287437	CHR13:11287437	SSF x Far_LoA	-6,964	0,125	0,286
CHR13	11287466	CHR13:11287466	SSF x Far_LoA	-9,451	0,008	0,281
CHR13	11287510	CHR13:11287510	SSF x Far_LoA	-7,518	0,050	0,295
CHR13	11287529	CHR13:11287529	SSF x Far_LoA	-10,060	-0,056	0,287
CHR13	11287535	CHR13:11287535	SSF x Far_LoA	-9,237	-0,024	0,280
CHR13	11287544	CHR13:11287544	SSF x Far_LoA	-8,471	-0,022	0,288
CHR13	11287590	CHR13:11287590	SSF x Far_LoA	-11,292	0,016	0,289
CHR13	11287593	CHR13:11287593	SSF x Far_LoA	-8,663	-0,053	0,293
CHR13	11341652	CHR13:11341652	SSF x Far_LoA	-9,072	-0,074	0,283
CHR13	11341673	CHR13:11341673	SSF x Far_LoA	-8,602	0,027	0,291
CHR13	11341690	CHR13:11341690	SSF x Far_LoA	-10,463	0,041	0,294
CHR13	11341714	CHR13:11341714	SSF x Far_LoA	-9,132	0,015	0,297
CHR13	11341728	CHR13:11341728	SSF x Far_LoA	-9,349	-0,025	0,284

CHR13	11341737	CHR13:11341737	SSF x Far_LoA	-10,698	-0,004	0,277
CHR13	11341761	CHR13:11341761	SSF x Far_LoA	-9,775	-0,011	0,269
CHR13	11341789	CHR13:11341789	SSF x Far_LoA	-10,458	-0,049	0,303
CHR13	11348628	CHR13:11348628	SSF x Far_LoA	-8,280	0,064	0,297
CHR13	11350682	CHR13:11350682	SSF x Far_LoA	-2,550	0,034	0,282
CHR13	11350893	CHR13:11350893	SSF x Far_LoA	-11,157	-0,012	0,272
CHR13	11379193	CHR13:11379193	SSF x Far_LoA	-11,397	0,034	0,288
CHR13	11379281	CHR13:11379281	SSF x Far_LoA	-7,734	-0,098	0,284
CHR13	11385039	CHR13:11385039	SSF x Far_LoA	-10,780	0,039	0,295
CHR13	11386076	CHR13:11386076	SSF x Far_LoA	-5,485	0,010	0,296
CHR13	1139623	CHR13:1139623	SSF x Far_LoA	-1,166	-0,123	0,295
CHR13	1139778	CHR13:1139778	SSF x Far_LoA	-8,881	0,094	0,287
CHR13	1139833	CHR13:1139833	SSF x Far_LoA	-10,753	-0,128	0,277
CHR13	1139850	CHR13:1139850	SSF x Far_LoA	-10,024	0,063	0,293
CHR13	1139866	CHR13:1139866	SSF x Far_LoA	-10,517	-0,009	0,289
CHR13	11431918	CHR13:11431918	SSF x Far_LoA	-10,361	0,083	0,289
CHR13	11432141	CHR13:11432141	SSF x Far_LoA	-4,621	0,163	0,292
CHR13	11439774	CHR13:11439774	SSF x Far_LoA	-8,621	-0,135	0,296
CHR13	11439846	CHR13:11439846	SSF x Far_LoA	-10,811	-0,090	0,268
CHR13	11441253	CHR13:11441253	SSF x Far_LoA	-8,973	0,081	0,292
CHR13	11441289	CHR13:11441289	SSF x Far_LoA	-8,248	0,063	0,304
CHR13	11451356	CHR13:11451356	SSF x Far_LoA	-10,204	0,047	0,280
CHR13	11451512	CHR13:11451512	SSF x Far_LoA	-4,270	0,064	0,302
CHR13	1145808	CHR13:1145808	SSF x Far_LoA	-5,275	0,146	0,289
CHR13	1145893	CHR13:1145893	SSF x Far_LoA	-9,207	0,028	0,283
CHR13	11473680	CHR13:11473680	SSF x Far_LoA	-9,709	-0,067	0,286
CHR13	11475225	CHR13:11475225	SSF x Far_LoA	-10,958	0,031	0,284
CHR13	11475233	CHR13:11475233	SSF x Far_LoA	-10,064	0,073	0,278
CHR13	11475251	CHR13:11475251	SSF x Far_LoA	-10,863	0,038	0,280
CHR13	11482915	CHR13:11482915	SSF x Far_LoA	-9,536	-0,034	0,282
CHR13	11482918	CHR13:11482918	SSF x Far_LoA	-10,121	-0,019	0,292
CHR13	11482940	CHR13:11482940	SSF x Far_LoA	-8,808	-0,039	0,286
CHR13	11482947	CHR13:11482947	SSF x Far_LoA	-9,015	0,021	0,279
CHR13	11482957	CHR13:11482957	SSF x Far_LoA	-7,006	0,033	0,304
CHR13	11482981	CHR13:11482981	SSF x Far_LoA	-8,762	0,013	0,307
CHR13	11483068	CHR13:11483068	SSF x Far_LoA	-7,331	-0,098	0,275
CHR13	11483201	CHR13:11483201	SSF x Far_LoA	-11,027	-0,046	0,305
CHR13	11487290	CHR13:11487290	SSF x Far_LoA	-6,599	0,026	0,297
CHR13	11487369	CHR13:11487369	SSF x Far_LoA	-9,428	0,035	0,300
CHR13	11502275	CHR13:11502275	SSF x Far_LoA	-8,230	0,037	0,306
CHR13	11502311	CHR13:11502311	SSF x Far_LoA	-0,027	-0,124	0,299
CHR13	11503206	CHR13:11503206	SSF x Far_LoA	-11,225	-0,088	0,295
CHR13	11504341	CHR13:11504341	SSF x Far_LoA	-12,179	-0,017	0,289
CHR13	11508816	CHR13:11508816	SSF x Far_LoA	-1,631	-0,040	0,272
CHR13	11508833	CHR13:11508833	SSF x Far_LoA	-10,069	0,108	0,259
CHR13	11515107	CHR13:11515107	SSF x Far_LoA	-5,872	-0,119	0,274
CHR13	11515400	CHR13:11515400	SSF x Far_LoA	-8,995	-0,039	0,282
CHR13	11515422	CHR13:11515422	SSF x Far_LoA	-8,082	-0,099	0,282
CHR13	11524571	CHR13:11524571	SSF x Far_LoA	-9,831	0,004	0,298
CHR13	11524587	CHR13:11524587	SSF x Far_LoA	-7,464	-0,114	0,289
CHR13	11524612	CHR13:11524612	SSF x Far_LoA	-11,337	0,011	0,280
CHR13	11524615	CHR13:11524615	SSF x Far_LoA	-10,584	-0,069	0,278
CHR13	11524865	CHR13:11524865	SSF x Far_LoA	-10,256	-0,112	0,290

CHR13	11527370	CHR13:1152737(	SSF x Far_LoA	-11,821	0,028	0,282
CHR13	11527381	CHR13:11527381	SSF x Far_LoA	-9,795	0,037	0,295
CHR13	11555064	CHR13:11555064	SSF x Far_LoA	-8,699	-0,026	0,299
CHR13	11555113	CHR13:11555113	SSF x Far_LoA	-10,374	0,107	0,286
CHR13	11565495	CHR13:11565495	SSF x Far_LoA	-10,681	0,059	0,286
CHR13	11566864	CHR13:11566864	SSF x Far_LoA	-6,812	0,181	0,301
CHR13	11581650	CHR13:1158165(	SSF x Far_LoA	-11,877	-0,011	0,278
CHR13	11581747	CHR13:11581747	SSF x Far_LoA	0,605	0,110	0,288
CHR13	11582826	CHR13:11582826	SSF x Far_LoA	-9,684	-0,058	0,284
CHR13	11586065	CHR13:11586065	SSF x Far_LoA	-10,768	-0,085	0,287
CHR13	11586066	CHR13:11586066	SSF x Far_LoA	-11,528	0,001	0,302
CHR13	11586088	CHR13:11586088	SSF x Far_LoA	-9,143	-0,122	0,305
CHR13	11586095	CHR13:11586095	SSF x Far_LoA	-10,781	-0,060	0,296
CHR13	11586216	CHR13:11586216	SSF x Far_LoA	-7,998	-0,013	0,305
CHR13	11603058	CHR13:11603058	SSF x Far_LoA	-11,164	0,013	0,281
CHR13	11603121	CHR13:11603121	SSF x Far_LoA	-8,734	-0,097	0,281
CHR13	11606598	CHR13:11606598	SSF x Far_LoA	-7,886	-0,048	0,315
CHR13	11619008	CHR13:11619008	SSF x Far_LoA	-9,462	0,047	0,292
CHR13	11619019	CHR13:11619019	SSF x Far_LoA	4,675	-0,104	0,295
CHR13	11619036	CHR13:11619036	SSF x Far_LoA	-9,427	0,012	0,291
CHR13	11619079	CHR13:11619079	SSF x Far_LoA	-11,211	-0,031	0,290
CHR13	11619113	CHR13:11619113	SSF x Far_LoA	-10,365	-0,040	0,308
CHR13	11625140	CHR13:1162514(	SSF x Far_LoA	-8,696	-0,091	0,287
CHR13	11625143	CHR13:11625143	SSF x Far_LoA	-6,360	0,060	0,294
CHR13	11653227	CHR13:11653227	SSF x Far_LoA	-8,192	0,069	0,283
CHR13	11653275	CHR13:11653275	SSF x Far_LoA	-8,284	0,129	0,292
CHR13	11653341	CHR13:11653341	SSF x Far_LoA	-8,091	0,047	0,290
CHR13	11653511	CHR13:11653511	SSF x Far_LoA	-10,887	-0,024	0,290
CHR13	11653560	CHR13:1165356(	SSF x Far_LoA	-10,733	0,024	0,277
CHR13	11660685	CHR13:11660685	SSF x Far_LoA	-9,602	0,159	0,276
CHR13	11660872	CHR13:11660872	SSF x Far_LoA	-8,680	-0,019	0,297
CHR13	11684223	CHR13:11684223	SSF x Far_LoA	-10,913	-0,069	0,286
CHR13	11684246	CHR13:11684246	SSF x Far_LoA	-10,035	0,010	0,306
CHR13	11684271	CHR13:11684271	SSF x Far_LoA	-8,859	-0,047	0,282
CHR13	11684324	CHR13:11684324	SSF x Far_LoA	-7,407	-0,084	0,297
CHR13	11691147	CHR13:11691147	SSF x Far_LoA	-10,981	0,153	0,277
CHR13	11691155	CHR13:11691155	SSF x Far_LoA	0,198	-0,078	0,295
CHR13	11691164	CHR13:11691164	SSF x Far_LoA	-7,242	-0,070	0,276
CHR13	11691314	CHR13:11691314	SSF x Far_LoA	-4,390	-0,145	0,305
CHR13	11691401	CHR13:11691401	SSF x Far_LoA	-5,185	0,090	0,298
CHR13	11691430	CHR13:1169143(	SSF x Far_LoA	-7,453	0,098	0,294
CHR13	11691442	CHR13:11691442	SSF x Far_LoA	-7,847	-0,142	0,299
CHR13	11691458	CHR13:11691458	SSF x Far_LoA	-6,283	0,149	0,291
CHR13	11697495	CHR13:11697495	SSF x Far_LoA	-10,054	0,062	0,295
CHR13	11697627	CHR13:11697627	SSF x Far_LoA	-10,658	-0,041	0,286
CHR13	11702825	CHR13:11702825	SSF x Far_LoA	-8,901	0,013	0,295
CHR13	11702838	CHR13:11702838	SSF x Far_LoA	-8,324	-0,024	0,295
CHR13	11705479	CHR13:11705479	SSF x Far_LoA	-8,987	0,031	0,295
CHR13	11705593	CHR13:11705593	SSF x Far_LoA	-12,131	0,067	0,298
CHR13	11705701	CHR13:11705701	SSF x Far_LoA	-10,646	-0,082	0,300
CHR13	11705725	CHR13:11705725	SSF x Far_LoA	-10,202	-0,099	0,282
CHR13	11711787	CHR13:11711787	SSF x Far_LoA	-9,422	-0,055	0,300
CHR13	11711866	CHR13:11711866	SSF x Far_LoA	-10,246	0,006	0,294

CHR13	11712950	CHR13:1171295(	SSF x Far_LoA	-9,699	0,024	0,292
CHR13	11730490	CHR13:1173049(	SSF x Far_LoA	-7,433	-0,003	0,301
CHR13	11730658	CHR13:1173065[illegible]	SSF x Far_LoA	-10,213	-0,027	0,293
CHR13	11730757	CHR13:1173075[illegible]	SSF x Far_LoA	-10,355	-0,017	0,299
CHR13	11739562	CHR13:1173956[illegible]	SSF x Far_LoA	-10,216	0,053	0,290
CHR13	11739599	CHR13:1173959[illegible]	SSF x Far_LoA	-7,316	0,042	0,290
CHR13	11739692	CHR13:1173969[illegible]	SSF x Far_LoA	-8,095	0,111	0,291
CHR13	11764368	CHR13:1176436[illegible]	SSF x Far_LoA	-10,656	0,053	0,280
CHR13	1176554	CHR13:1176554	SSF x Far_LoA	-10,009	-0,061	0,280
CHR13	1176577	CHR13:1176577	SSF x Far_LoA	-7,856	0,131	0,288
CHR13	1177266	CHR13:1177266	SSF x Far_LoA	-6,309	0,181	0,285
CHR13	11777503	CHR13:1177750[illegible]	SSF x Far_LoA	-9,845	-0,123	0,303
CHR13	11777512	CHR13:1177751[illegible]	SSF x Far_LoA	-9,607	0,082	0,276
CHR13	11777679	CHR13:1177767[illegible]	SSF x Far_LoA	-9,140	-0,053	0,295
CHR13	11777705	CHR13:1177770[illegible]	SSF x Far_LoA	-7,655	-0,068	0,287
CHR13	11798469	CHR13:1179846[illegible]	SSF x Far_LoA	-8,157	0,100	0,302
CHR13	11798506	CHR13:1179850[illegible]	SSF x Far_LoA	-10,708	-0,011	0,285
CHR13	11798665	CHR13:1179866[illegible]	SSF x Far_LoA	-9,219	-0,008	0,293
CHR13	11813087	CHR13:1181308[illegible]	SSF x Far_LoA	-9,582	-0,117	0,300
CHR13	11814124	CHR13:1181412[illegible]	SSF x Far_LoA	-10,619	-0,030	0,297
CHR13	11814138	CHR13:1181413[illegible]	SSF x Far_LoA	-8,012	-0,148	0,277
CHR13	1181689	CHR13:1181689	SSF x Far_LoA	-9,246	0,087	0,277
CHR13	1181692	CHR13:1181692	SSF x Far_LoA	-11,344	0,112	0,286
CHR13	1181752	CHR13:1181752	SSF x Far_LoA	-8,270	-0,017	0,296
CHR13	1181780	CHR13:1181780	SSF x Far_LoA	-10,835	0,042	0,273
CHR13	1181784	CHR13:1181784	SSF x Far_LoA	-10,129	-0,014	0,303
CHR13	1181800	CHR13:1181800	SSF x Far_LoA	-10,140	0,015	0,291
CHR13	11833695	CHR13:1183369[illegible]	SSF x Far_LoA	-10,723	0,005	0,291
CHR13	11833765	CHR13:1183376[illegible]	SSF x Far_LoA	-9,515	0,017	0,291
CHR13	11833769	CHR13:1183376[illegible]	SSF x Far_LoA	-11,796	0,033	0,291
CHR13	11833782	CHR13:1183378[illegible]	SSF x Far_LoA	-9,185	-0,029	0,290
CHR13	11833848	CHR13:1183384[illegible]	SSF x Far_LoA	-10,991	0,012	0,288
CHR13	11833859	CHR13:1183385[illegible]	SSF x Far_LoA	-5,590	-0,179	0,300
CHR13	11833921	CHR13:1183392[illegible]	SSF x Far_LoA	-10,423	-0,054	0,292
CHR13	11841395	CHR13:1184139[illegible]	SSF x Far_LoA	-9,550	-0,058	0,295
CHR13	11841641	CHR13:1184164[illegible]	SSF x Far_LoA	-8,889	-0,026	0,295
CHR13	11870388	CHR13:1187038[illegible]	SSF x Far_LoA	-12,688	0,010	0,288
CHR13	11870786	CHR13:1187078[illegible]	SSF x Far_LoA	-10,516	0,026	0,294
CHR13	11871706	CHR13:1187170[illegible]	SSF x Far_LoA	-8,013	0,074	0,287
CHR13	11871728	CHR13:1187172[illegible]	SSF x Far_LoA	-7,216	0,120	0,280
CHR13	11874286	CHR13:1187428[illegible]	SSF x Far_LoA	-8,355	0,063	0,286
CHR13	11875628	CHR13:1187562[illegible]	SSF x Far_LoA	-7,847	-0,042	0,293
CHR13	11875644	CHR13:1187564[illegible]	SSF x Far_LoA	-9,675	0,064	0,301
CHR13	11875737	CHR13:1187573[illegible]	SSF x Far_LoA	-10,492	0,023	0,296
CHR13	11880075	CHR13:1188007[illegible]	SSF x Far_LoA	-8,505	-0,115	0,285
CHR13	11891185	CHR13:1189118[illegible]	SSF x Far_LoA	-9,661	-0,099	0,302
CHR13	11891632	CHR13:1189163[illegible]	SSF x Far_LoA	-10,346	-0,055	0,278
CHR13	11899980	CHR13:1189998(	SSF x Far_LoA	-9,490	-0,011	0,269
CHR13	11900026	CHR13:1190002[illegible]	SSF x Far_LoA	-11,012	-0,025	0,280
CHR13	11900050	CHR13:1190005(	SSF x Far_LoA	-8,400	-0,103	0,284
CHR13	11900113	CHR13:1190011[illegible]	SSF x Far_LoA	-11,001	-0,079	0,292
CHR13	11900153	CHR13:1190015[illegible]	SSF x Far_LoA	-9,520	0,006	0,274
CHR13	11900159	CHR13:1190015[illegible]	SSF x Far_LoA	-8,921	0,052	0,285

CHR13	11913307	CHR13:11913307	SSF x Far_LoA	-10,459	-0,062	0,278
CHR13	11913339	CHR13:11913339	SSF x Far_LoA	-11,471	0,070	0,281
CHR13	11913341	CHR13:11913341	SSF x Far_LoA	-6,590	0,156	0,288
CHR13	11913343	CHR13:11913343	SSF x Far_LoA	-9,206	0,089	0,297
CHR13	11913354	CHR13:11913354	SSF x Far_LoA	-7,117	0,100	0,297
CHR13	11913359	CHR13:11913359	SSF x Far_LoA	-9,402	0,012	0,291
CHR13	11913377	CHR13:11913377	SSF x Far_LoA	-7,626	0,060	0,301
CHR13	11913424	CHR13:11913424	SSF x Far_LoA	-10,020	0,066	0,303
CHR13	11913433	CHR13:11913433	SSF x Far_LoA	-4,869	0,129	0,292
CHR13	11913443	CHR13:11913443	SSF x Far_LoA	-3,033	0,114	0,297
CHR13	11913456	CHR13:11913456	SSF x Far_LoA	-11,025	-0,021	0,298
CHR13	11913464	CHR13:11913464	SSF x Far_LoA	-7,854	-0,010	0,304
CHR13	11913477	CHR13:11913477	SSF x Far_LoA	-8,907	0,012	0,304
CHR13	11913497	CHR13:11913497	SSF x Far_LoA	-8,268	0,036	0,296
CHR13	11913556	CHR13:11913556	SSF x Far_LoA	-10,143	-0,014	0,291
CHR13	11913557	CHR13:11913557	SSF x Far_LoA	-8,604	0,053	0,292
CHR13	11913560	CHR13:11913560	SSF x Far_LoA	-8,420	-0,043	0,296
CHR13	11913562	CHR13:11913562	SSF x Far_LoA	-9,207	0,057	0,278
CHR13	11918495	CHR13:11918495	SSF x Far_LoA	-10,621	-0,001	0,284
CHR13	11924826	CHR13:11924826	SSF x Far_LoA	-8,144	0,186	0,291
CHR13	11925115	CHR13:11925115	SSF x Far_LoA	-10,089	0,044	0,281
CHR13	11930948	CHR13:11930948	SSF x Far_LoA	-4,224	-0,163	0,291
CHR13	11931078	CHR13:11931078	SSF x Far_LoA	-7,542	-0,148	0,284
CHR13	11931114	CHR13:11931114	SSF x Far_LoA	-10,746	0,132	0,288
CHR13	11947297	CHR13:11947297	SSF x Far_LoA	-9,357	-0,036	0,287
CHR13	11951642	CHR13:11951642	SSF x Far_LoA	-9,848	-0,027	0,292
CHR13	11951786	CHR13:11951786	SSF x Far_LoA	-9,984	-0,028	0,286
CHR13	1195678	CHR13:1195678	SSF x Far_LoA	-8,222	-0,049	0,286
CHR13	1195770	CHR13:1195770	SSF x Far_LoA	-11,410	-0,033	0,284
CHR13	1195852	CHR13:1195852	SSF x Far_LoA	-10,996	0,023	0,281
CHR13	11958956	CHR13:11958956	SSF x Far_LoA	-11,436	0,004	0,289
CHR13	11962644	CHR13:11962644	SSF x Far_LoA	-8,796	-0,020	0,296
CHR13	11962780	CHR13:11962780	SSF x Far_LoA	-11,853	0,006	0,284
CHR13	11962782	CHR13:11962782	SSF x Far_LoA	-10,333	0,050	0,294
CHR13	11962856	CHR13:11962856	SSF x Far_LoA	-10,405	-0,089	0,292
CHR13	11977882	CHR13:11977882	SSF x Far_LoA	-11,497	0,003	0,299
CHR13	11985900	CHR13:11985900	SSF x Far_LoA	-9,681	-0,117	0,295
CHR13	11986010	CHR13:11986010	SSF x Far_LoA	-8,786	0,072	0,307
CHR13	1201088	CHR13:1201088	SSF x Far_LoA	-6,653	-0,111	0,282
CHR13	12015898	CHR13:12015898	SSF x Far_LoA	-7,352	-0,038	0,305
CHR13	12015988	CHR13:12015988	SSF x Far_LoA	-9,187	0,116	0,294
CHR13	12016015	CHR13:12016015	SSF x Far_LoA	-8,996	0,004	0,284
CHR13	12016044	CHR13:12016044	SSF x Far_LoA	-7,326	-0,158	0,284
CHR13	12016078	CHR13:12016078	SSF x Far_LoA	-9,274	-0,074	0,297
CHR13	12016136	CHR13:12016136	SSF x Far_LoA	-8,568	-0,070	0,308
CHR13	12028459	CHR13:12028459	SSF x Far_LoA	-8,475	0,003	0,296
CHR13	12028552	CHR13:12028552	SSF x Far_LoA	-6,758	-0,083	0,280
CHR13	12028624	CHR13:12028624	SSF x Far_LoA	-8,364	0,010	0,284
CHR13	12028761	CHR13:12028761	SSF x Far_LoA	-7,490	-0,016	0,297
CHR13	12037153	CHR13:12037153	SSF x Far_LoA	-9,405	-0,034	0,285
CHR13	12037271	CHR13:12037271	SSF x Far_LoA	-8,656	0,030	0,302
CHR13	12037370	CHR13:12037370	SSF x Far_LoA	-9,653	-0,006	0,304
CHR13	12061590	CHR13:12061590	SSF x Far_LoA	-8,023	0,030	0,293

CHR13	12061751	CHR13:12061751	SSF x Far_LoA	-10,359	0,091	0,278
CHR13	12076372	CHR13:12076372	SSF x Far_LoA	-9,719	0,034	0,274
CHR13	12081401	CHR13:12081401	SSF x Far_LoA	-7,696	0,104	0,290
CHR13	12081560	CHR13:12081560	SSF x Far_LoA	-7,763	0,086	0,293
CHR13	12098204	CHR13:12098204	SSF x Far_LoA	-9,237	-0,116	0,283
CHR13	12098228	CHR13:12098228	SSF x Far_LoA	-10,536	0,112	0,295
CHR13	12102692	CHR13:12102692	SSF x Far_LoA	-10,605	0,043	0,283
CHR13	12171319	CHR13:12171319	SSF x Far_LoA	-10,174	0,031	0,289
CHR13	12171354	CHR13:12171354	SSF x Far_LoA	-9,400	0,063	0,295
CHR13	12171369	CHR13:12171369	SSF x Far_LoA	-7,110	-0,124	0,287
CHR13	12171771	CHR13:12171771	SSF x Far_LoA	-7,320	0,176	0,272
CHR13	12171778	CHR13:12171778	SSF x Far_LoA	-8,583	0,168	0,274
CHR13	12192372	CHR13:12192372	SSF x Far_LoA	-9,556	-0,021	0,309
CHR13	12207112	CHR13:12207112	SSF x Far_LoA	-2,968	-0,104	0,300
CHR13	12207124	CHR13:12207124	SSF x Far_LoA	-11,422	0,087	0,282
CHR13	12220776	CHR13:12220776	SSF x Far_LoA	-8,436	-0,079	0,306
CHR13	12257595	CHR13:12257595	SSF x Far_LoA	-10,529	-0,005	0,282
CHR13	12257614	CHR13:12257614	SSF x Far_LoA	-8,429	0,047	0,294
CHR13	12261598	CHR13:12261598	SSF x Far_LoA	-7,490	0,066	0,289
CHR13	12261602	CHR13:12261602	SSF x Far_LoA	-8,061	-0,152	0,286
CHR13	12261615	CHR13:12261615	SSF x Far_LoA	-10,874	0,039	0,291
CHR13	12261720	CHR13:12261720	SSF x Far_LoA	-9,139	-0,016	0,297
CHR13	12281001	CHR13:12281001	SSF x Far_LoA	-5,960	-0,161	0,281
CHR13	12281032	CHR13:12281032	SSF x Far_LoA	-9,526	0,027	0,296
CHR13	12281204	CHR13:12281204	SSF x Far_LoA	-7,655	-0,148	0,279
CHR13	1228578	CHR13:1228578	SSF x Far_LoA	-6,058	0,095	0,277
CHR13	12291367	CHR13:12291367	SSF x Far_LoA	-9,520	0,026	0,297
CHR13	12291369	CHR13:12291369	SSF x Far_LoA	-10,610	0,027	0,315
CHR13	12291644	CHR13:12291644	SSF x Far_LoA	-11,386	0,097	0,283
CHR13	1229696	CHR13:1229696	SSF x Far_LoA	-8,505	0,095	0,285
CHR13	1229702	CHR13:1229702	SSF x Far_LoA	-7,937	0,146	0,282
CHR13	1229840	CHR13:1229840	SSF x Far_LoA	-10,505	0,051	0,298
CHR13	12305909	CHR13:12305909	SSF x Far_LoA	-9,062	-0,072	0,315
CHR13	12318920	CHR13:12318920	SSF x Far_LoA	-11,745	-0,028	0,276
CHR13	12318936	CHR13:12318936	SSF x Far_LoA	-8,999	-0,063	0,286
CHR13	12319219	CHR13:12319219	SSF x Far_LoA	-10,017	-0,131	0,294
CHR13	12329220	CHR13:12329220	SSF x Far_LoA	-12,172	-0,002	0,293
CHR13	12332199	CHR13:12332199	SSF x Far_LoA	-3,994	0,047	0,279
CHR13	12332204	CHR13:12332204	SSF x Far_LoA	-8,108	0,054	0,277
CHR13	12332222	CHR13:12332222	SSF x Far_LoA	-10,607	-0,001	0,270
CHR13	12347451	CHR13:12347451	SSF x Far_LoA	-11,953	0,007	0,293
CHR13	12347678	CHR13:12347678	SSF x Far_LoA	-10,329	-0,031	0,288
CHR13	12347705	CHR13:12347705	SSF x Far_LoA	-10,396	-0,002	0,304
CHR13	12358627	CHR13:12358627	SSF x Far_LoA	-10,868	-0,048	0,298
CHR13	12358647	CHR13:12358647	SSF x Far_LoA	-11,318	-0,088	0,280
CHR13	12358681	CHR13:12358681	SSF x Far_LoA	-10,066	-0,012	0,292
CHR13	12362040	CHR13:12362040	SSF x Far_LoA	-7,234	0,011	0,296
CHR13	12362331	CHR13:12362331	SSF x Far_LoA	-7,475	0,113	0,287
CHR13	1237281	CHR13:1237281	SSF x Far_LoA	-8,535	-0,033	0,297
CHR13	1237295	CHR13:1237295	SSF x Far_LoA	-7,621	-0,103	0,300
CHR13	1237304	CHR13:1237304	SSF x Far_LoA	-8,624	-0,030	0,301
CHR13	1237305	CHR13:1237305	SSF x Far_LoA	-9,544	-0,084	0,302
CHR13	1237310	CHR13:1237310	SSF x Far_LoA	-10,831	-0,052	0,292

CHR13	1237325	CHR13:1237325	SSF x Far_LoA	-8,675	-0,012	0,302
CHR13	12373884	CHR13:12373884	SSF x Far_LoA	-11,721	-0,018	0,282
CHR13	12374146	CHR13:12374146	SSF x Far_LoA	-9,821	0,053	0,281
CHR13	1237442	CHR13:1237442	SSF x Far_LoA	-11,068	0,025	0,288
CHR13	1237445	CHR13:1237445	SSF x Far_LoA	-10,054	-0,016	0,304
CHR13	1237491	CHR13:1237491	SSF x Far_LoA	-11,166	0,002	0,303
CHR13	12391941	CHR13:12391941	SSF x Far_LoA	-10,842	-0,008	0,285
CHR13	12391980	CHR13:12391980	SSF x Far_LoA	-10,519	0,061	0,285
CHR13	12398928	CHR13:12398928	SSF x Far_LoA	-9,602	-0,064	0,282
CHR13	12401129	CHR13:12401129	SSF x Far_LoA	-10,949	-0,025	0,303
CHR13	12401196	CHR13:12401196	SSF x Far_LoA	-8,474	0,023	0,312
CHR13	12401305	CHR13:12401305	SSF x Far_LoA	-8,644	-0,006	0,298
CHR13	12404610	CHR13:12404610	SSF x Far_LoA	-5,397	0,025	0,313
CHR13	12404871	CHR13:12404871	SSF x Far_LoA	-9,306	0,017	0,294
CHR13	12410434	CHR13:12410434	SSF x Far_LoA	-8,931	0,093	0,282
CHR13	12410552	CHR13:12410552	SSF x Far_LoA	-9,063	0,046	0,290
CHR13	12410575	CHR13:12410575	SSF x Far_LoA	-9,898	-0,072	0,284
CHR13	12410600	CHR13:12410600	SSF x Far_LoA	-0,076	-0,094	0,299
CHR13	12419231	CHR13:12419231	SSF x Far_LoA	-8,336	-0,057	0,300
CHR13	12440427	CHR13:12440427	SSF x Far_LoA	-8,160	0,070	0,288
CHR13	12440445	CHR13:12440445	SSF x Far_LoA	-9,096	0,178	0,278
CHR13	12440595	CHR13:12440595	SSF x Far_LoA	-0,173	-0,135	0,277
CHR13	12467640	CHR13:12467640	SSF x Far_LoA	-7,869	0,055	0,304
CHR13	12468615	CHR13:12468615	SSF x Far_LoA	-11,718	-0,039	0,291
CHR13	12473576	CHR13:12473576	SSF x Far_LoA	-7,144	0,044	0,297
CHR13	12476893	CHR13:12476893	SSF x Far_LoA	-8,117	0,092	0,286
CHR13	12479748	CHR13:12479748	SSF x Far_LoA	-10,953	0,042	0,301
CHR13	12479842	CHR13:12479842	SSF x Far_LoA	-9,804	-0,114	0,292
CHR13	12493679	CHR13:12493679	SSF x Far_LoA	-11,027	-0,014	0,303
CHR13	12493713	CHR13:12493713	SSF x Far_LoA	-8,687	-0,045	0,285
CHR13	12493721	CHR13:12493721	SSF x Far_LoA	-7,106	0,107	0,288
CHR13	12493725	CHR13:12493725	SSF x Far_LoA	-8,122	0,136	0,287
CHR13	12500760	CHR13:12500760	SSF x Far_LoA	-11,784	0,085	0,277
CHR13	12515401	CHR13:12515401	SSF x Far_LoA	-8,104	0,083	0,307
CHR13	1255193	CHR13:1255193	SSF x Far_LoA	-9,296	0,091	0,296
CHR13	12552985	CHR13:12552985	SSF x Far_LoA	-10,647	-0,033	0,293
CHR13	12553583	CHR13:12553583	SSF x Far_LoA	-11,729	-0,038	0,291
CHR13	12553693	CHR13:12553693	SSF x Far_LoA	-10,170	0,012	0,296
CHR13	12553695	CHR13:12553695	SSF x Far_LoA	-11,033	-0,090	0,292
CHR13	1255371	CHR13:1255371	SSF x Far_LoA	-7,281	-0,011	0,304
CHR13	1255390	CHR13:1255390	SSF x Far_LoA	-9,560	0,011	0,286
CHR13	1255446	CHR13:1255446	SSF x Far_LoA	-8,253	-0,008	0,297
CHR13	1255472	CHR13:1255472	SSF x Far_LoA	-10,920	-0,093	0,297
CHR13	1255483	CHR13:1255483	SSF x Far_LoA	-11,256	0,099	0,290
CHR13	1255556	CHR13:1255556	SSF x Far_LoA	-9,849	-0,048	0,287
CHR13	12563983	CHR13:12563983	SSF x Far_LoA	-9,995	0,076	0,302
CHR13	12567931	CHR13:12567931	SSF x Far_LoA	-11,313	0,096	0,290
CHR13	12567981	CHR13:12567981	SSF x Far_LoA	-10,244	0,096	0,295
CHR13	12567982	CHR13:12567982	SSF x Far_LoA	-12,286	-0,005	0,277
CHR13	12568314	CHR13:12568314	SSF x Far_LoA	-11,374	0,100	0,285
CHR13	12578522	CHR13:12578522	SSF x Far_LoA	-8,316	-0,012	0,298
CHR13	12578528	CHR13:12578528	SSF x Far_LoA	-9,145	-0,006	0,287
CHR13	12602521	CHR13:12602521	SSF x Far_LoA	-9,907	-0,081	0,267

CHR13	12607331	CHR13:12607331	SSF x Far_LoA	-8,477	-0,187	0,280
CHR13	12614286	CHR13:12614286	SSF x Far_LoA	-8,065	0,074	0,295
CHR13	12614319	CHR13:12614319	SSF x Far_LoA	-9,408	-0,014	0,286
CHR13	12614347	CHR13:12614347	SSF x Far_LoA	-7,268	-0,157	0,286
CHR13	12614351	CHR13:12614351	SSF x Far_LoA	-8,383	-0,124	0,299
CHR13	12614654	CHR13:12614654	SSF x Far_LoA	-10,836	-0,026	0,296
CHR13	12617740	CHR13:12617740	SSF x Far_LoA	-4,719	-0,069	0,299
CHR13	12617746	CHR13:12617746	SSF x Far_LoA	-10,634	0,012	0,288
CHR13	12631809	CHR13:12631809	SSF x Far_LoA	-8,335	-0,078	0,301
CHR13	12641011	CHR13:12641011	SSF x Far_LoA	-11,976	-0,054	0,282
CHR13	12643036	CHR13:12643036	SSF x Far_LoA	-9,652	0,044	0,296
CHR13	1265492	CHR13:1265492	SSF x Far_LoA	-11,442	-0,086	0,280
CHR13	1265499	CHR13:1265499	SSF x Far_LoA	-5,308	0,122	0,299
CHR13	1265502	CHR13:1265502	SSF x Far_LoA	-9,240	0,101	0,315
CHR13	1265518	CHR13:1265518	SSF x Far_LoA	-9,902	0,156	0,275
CHR13	12656407	CHR13:12656407	SSF x Far_LoA	-10,438	-0,051	0,298
CHR13	12681138	CHR13:12681138	SSF x Far_LoA	-9,434	-0,118	0,279
CHR13	12681199	CHR13:12681199	SSF x Far_LoA	-8,458	0,045	0,300
CHR13	12681203	CHR13:12681203	SSF x Far_LoA	-4,696	0,012	0,295
CHR13	12681204	CHR13:12681204	SSF x Far_LoA	-8,941	0,030	0,298
CHR13	12681211	CHR13:12681211	SSF x Far_LoA	-8,060	-0,098	0,284
CHR13	12681243	CHR13:12681243	SSF x Far_LoA	-7,236	-0,108	0,286
CHR13	12681270	CHR13:12681270	SSF x Far_LoA	-6,558	-0,074	0,282
CHR13	12681312	CHR13:12681312	SSF x Far_LoA	-9,176	0,081	0,289
CHR13	12681396	CHR13:12681396	SSF x Far_LoA	-9,657	-0,075	0,283
CHR13	12685754	CHR13:12685754	SSF x Far_LoA	-9,471	0,050	0,290
CHR13	12685755	CHR13:12685755	SSF x Far_LoA	-12,189	0,029	0,288
CHR13	12685858	CHR13:12685858	SSF x Far_LoA	-8,472	-0,120	0,274
CHR13	12691034	CHR13:12691034	SSF x Far_LoA	-9,702	0,017	0,295
CHR13	12691082	CHR13:12691082	SSF x Far_LoA	-9,857	0,037	0,280
CHR13	12698683	CHR13:12698683	SSF x Far_LoA	-7,798	-0,035	0,296
CHR13	12698790	CHR13:12698790	SSF x Far_LoA	-8,638	0,036	0,305
CHR13	12717678	CHR13:12717678	SSF x Far_LoA	-7,204	0,210	0,270
CHR13	12717730	CHR13:12717730	SSF x Far_LoA	-10,929	-0,024	0,296
CHR13	12731808	CHR13:12731808	SSF x Far_LoA	-7,984	-0,001	0,292
CHR13	12751472	CHR13:12751472	SSF x Far_LoA	-5,609	0,167	0,277
CHR13	12751480	CHR13:12751480	SSF x Far_LoA	-6,821	0,085	0,305
CHR13	12751515	CHR13:12751515	SSF x Far_LoA	-9,044	-0,060	0,295
CHR13	12751547	CHR13:12751547	SSF x Far_LoA	-11,133	0,020	0,286
CHR13	12751598	CHR13:12751598	SSF x Far_LoA	-9,270	0,033	0,293
CHR13	12751701	CHR13:12751701	SSF x Far_LoA	-10,296	-0,017	0,275
CHR13	12758036	CHR13:12758036	SSF x Far_LoA	-9,401	-0,018	0,301
CHR13	12758105	CHR13:12758105	SSF x Far_LoA	-7,484	0,209	0,286
CHR13	12758210	CHR13:12758210	SSF x Far_LoA	-7,288	-0,040	0,279
CHR13	12758217	CHR13:12758217	SSF x Far_LoA	-8,412	-0,038	0,288
CHR13	12758260	CHR13:12758260	SSF x Far_LoA	-11,446	0,124	0,279
CHR13	12758367	CHR13:12758367	SSF x Far_LoA	-11,059	0,106	0,278
CHR13	12763499	CHR13:12763499	SSF x Far_LoA	-7,865	0,033	0,293
CHR13	12763500	CHR13:12763500	SSF x Far_LoA	-9,607	-0,108	0,293
CHR13	12763544	CHR13:12763544	SSF x Far_LoA	-9,246	0,132	0,285
CHR13	12763592	CHR13:12763592	SSF x Far_LoA	-11,409	0,006	0,282
CHR13	12763638	CHR13:12763638	SSF x Far_LoA	-10,688	0,059	0,309
CHR13	12763662	CHR13:12763662	SSF x Far_LoA	-7,551	0,146	0,293

CHR13	12763699	CHR13:1276369	SSF x Far_LoA	-9,767	-0,072	0,295
CHR13	12769980	CHR13:1276998	SSF x Far_LoA	-11,111	-0,016	0,285
CHR13	12770084	CHR13:1277008	SSF x Far_LoA	-6,879	-0,120	0,284
CHR13	12770117	CHR13:1277011	SSF x Far_LoA	-7,872	0,061	0,295
CHR13	12772122	CHR13:1277212	SSF x Far_LoA	-8,965	0,012	0,300
CHR13	12772168	CHR13:1277216	SSF x Far_LoA	-8,229	0,003	0,301
CHR13	12772173	CHR13:1277217	SSF x Far_LoA	-8,960	0,036	0,298
CHR13	12772306	CHR13:1277230	SSF x Far_LoA	-9,954	-0,026	0,279
CHR13	12772307	CHR13:1277230	SSF x Far_LoA	-8,151	0,016	0,270
CHR13	12800173	CHR13:1280017	SSF x Far_LoA	-10,797	-0,031	0,299
CHR13	12800354	CHR13:1280035	SSF x Far_LoA	-10,625	-0,046	0,306
CHR13	12802430	CHR13:1280243	SSF x Far_LoA	-10,902	0,086	0,287
CHR13	12802461	CHR13:1280246	SSF x Far_LoA	-11,304	-0,093	0,279
CHR13	12813520	CHR13:1281352	SSF x Far_LoA	-9,377	0,071	0,295
CHR13	12813594	CHR13:1281359	SSF x Far_LoA	-6,455	0,046	0,285
CHR13	12813596	CHR13:1281359	SSF x Far_LoA	-6,203	0,054	0,294
CHR13	12813616	CHR13:1281361	SSF x Far_LoA	-5,442	-0,130	0,284
CHR13	12817527	CHR13:1281752	SSF x Far_LoA	-11,584	0,040	0,288
CHR13	12817573	CHR13:1281757	SSF x Far_LoA	-8,251	0,087	0,267
CHR13	12817587	CHR13:1281758	SSF x Far_LoA	-9,265	-0,038	0,293
CHR13	12817608	CHR13:1281760	SSF x Far_LoA	-8,075	0,095	0,277
CHR13	12817617	CHR13:1281761	SSF x Far_LoA	-6,620	0,150	0,265
CHR13	12825403	CHR13:1282540	SSF x Far_LoA	-9,930	0,004	0,275
CHR13	1283984	CHR13:1283984	SSF x Far_LoA	-9,523	0,036	0,290
CHR13	12855855	CHR13:1285585	SSF x Far_LoA	-6,874	0,090	0,283
CHR13	12875186	CHR13:1287518	SSF x Far_LoA	-10,914	0,008	0,271
CHR13	12875281	CHR13:1287528	SSF x Far_LoA	-8,922	-0,056	0,294
CHR13	12875300	CHR13:1287530	SSF x Far_LoA	-8,095	-0,003	0,297
CHR13	12875317	CHR13:1287531	SSF x Far_LoA	-6,673	0,019	0,304
CHR13	12875409	CHR13:1287540	SSF x Far_LoA	-9,119	-0,043	0,279
CHR13	12875440	CHR13:1287544	SSF x Far_LoA	-9,845	0,027	0,272
CHR13	12875448	CHR13:1287544	SSF x Far_LoA	-11,655	0,005	0,276
CHR13	12875520	CHR13:1287552	SSF x Far_LoA	-7,946	0,004	0,284
CHR13	12900798	CHR13:1290079	SSF x Far_LoA	-8,069	0,035	0,280
CHR13	12900861	CHR13:1290086	SSF x Far_LoA	-10,018	0,080	0,294
CHR13	12900941	CHR13:1290094	SSF x Far_LoA	-9,155	-0,076	0,279
CHR13	12909281	CHR13:1290928	SSF x Far_LoA	-11,627	0,008	0,285
CHR13	12909309	CHR13:1290930	SSF x Far_LoA	-8,833	0,064	0,293
CHR13	12909402	CHR13:1290940	SSF x Far_LoA	-8,346	0,121	0,290
CHR13	12909514	CHR13:1290951	SSF x Far_LoA	-9,633	-0,038	0,286
CHR13	12913125	CHR13:1291312	SSF x Far_LoA	-9,948	-0,088	0,272
CHR13	12914341	CHR13:1291434	SSF x Far_LoA	-9,900	-0,013	0,283
CHR13	12914571	CHR13:1291457	SSF x Far_LoA	-11,591	0,066	0,296
CHR13	12930378	CHR13:1293037	SSF x Far_LoA	-10,368	-0,055	0,281
CHR13	12930448	CHR13:1293044	SSF x Far_LoA	-10,130	0,080	0,302
CHR13	12930454	CHR13:1293045	SSF x Far_LoA	-11,124	-0,046	0,285
CHR13	12930457	CHR13:1293045	SSF x Far_LoA	-7,343	-0,086	0,285
CHR13	12930466	CHR13:1293046	SSF x Far_LoA	-6,008	-0,048	0,305
CHR13	12932328	CHR13:1293232	SSF x Far_LoA	-9,591	0,057	0,309
CHR13	12934590	CHR13:1293459	SSF x Far_LoA	-10,189	0,056	0,288
CHR13	12942176	CHR13:1294217	SSF x Far_LoA	-11,835	-0,006	0,287
CHR13	12952065	CHR13:1295206	SSF x Far_LoA	-9,335	0,013	0,300
CHR13	12952093	CHR13:1295209	SSF x Far_LoA	-11,784	-0,039	0,282

CHR13	12952109	CHR13:1295210	SSF x Far_LoA	-10,339	0,050	0,295
CHR13	12968407	CHR13:1296840	SSF x Far_LoA	-8,747	0,091	0,289
CHR13	12968434	CHR13:1296843	SSF x Far_LoA	-8,641	-0,007	0,298
CHR13	12978797	CHR13:1297879	SSF x Far_LoA	-9,492	0,056	0,281
CHR13	12978820	CHR13:1297882	SSF x Far_LoA	-6,096	-0,025	0,286
CHR13	12978834	CHR13:1297883	SSF x Far_LoA	-10,973	-0,044	0,285
CHR13	12987208	CHR13:1298720	SSF x Far_LoA	-9,504	0,056	0,268
CHR13	12987233	CHR13:1298723	SSF x Far_LoA	-10,138	-0,023	0,295
CHR13	12989100	CHR13:1298910	SSF x Far_LoA	-8,687	0,200	0,292
CHR13	12993618	CHR13:1299361	SSF x Far_LoA	-9,627	-0,051	0,294
CHR13	12993771	CHR13:1299377	SSF x Far_LoA	-9,084	0,068	0,292
CHR13	12993775	CHR13:1299377	SSF x Far_LoA	-9,508	0,078	0,288
CHR13	12993777	CHR13:1299377	SSF x Far_LoA	-10,263	0,043	0,292
CHR13	12993823	CHR13:1299382	SSF x Far_LoA	-9,244	-0,030	0,288
CHR13	12993840	CHR13:1299384	SSF x Far_LoA	-8,025	-0,010	0,309
CHR13	1299813	CHR13:1299813	SSF x Far_LoA	-8,993	-0,011	0,304
CHR13	1299818	CHR13:1299818	SSF x Far_LoA	-10,834	-0,085	0,281
CHR13	1299830	CHR13:1299830	SSF x Far_LoA	-10,133	-0,026	0,291
CHR13	1299900	CHR13:1299900	SSF x Far_LoA	-8,732	0,070	0,305
CHR13	1300031	CHR13:1300031	SSF x Far_LoA	-8,702	0,022	0,288
CHR13	1302837	CHR13:1302837	SSF x Far_LoA	-11,211	-0,040	0,288
CHR13	1303124	CHR13:1303124	SSF x Far_LoA	-10,475	-0,009	0,291
CHR13	13037088	CHR13:1303708	SSF x Far_LoA	-10,928	-0,042	0,291
CHR13	13044121	CHR13:1304412	SSF x Far_LoA	-5,245	0,070	0,291
CHR13	13044214	CHR13:1304421	SSF x Far_LoA	-9,834	0,067	0,286
CHR13	13049596	CHR13:1304959	SSF x Far_LoA	-5,394	0,136	0,289
CHR13	13049691	CHR13:1304969	SSF x Far_LoA	-8,408	-0,052	0,285
CHR13	1306701	CHR13:1306701	SSF x Far_LoA	-8,246	0,148	0,285
CHR13	13068720	CHR13:1306872	SSF x Far_LoA	-8,893	0,020	0,290
CHR13	13068748	CHR13:1306874	SSF x Far_LoA	-10,259	0,065	0,278
CHR13	1307150	CHR13:1307150	SSF x Far_LoA	-3,614	0,093	0,289
CHR13	1307227	CHR13:1307227	SSF x Far_LoA	-8,910	-0,081	0,302
CHR13	13072838	CHR13:1307283	SSF x Far_LoA	-9,486	0,052	0,297
CHR13	13072848	CHR13:1307284	SSF x Far_LoA	-10,172	-0,074	0,287
CHR13	13072880	CHR13:1307288	SSF x Far_LoA	-6,009	-0,074	0,293
CHR13	13072906	CHR13:1307290	SSF x Far_LoA	-7,155	0,102	0,288
CHR13	1307313	CHR13:1307313	SSF x Far_LoA	-8,389	0,053	0,300
CHR13	13076417	CHR13:1307641	SSF x Far_LoA	-8,717	0,099	0,279
CHR13	13081027	CHR13:1308102	SSF x Far_LoA	-9,279	0,026	0,285
CHR13	13081161	CHR13:1308116	SSF x Far_LoA	-9,516	0,047	0,301
CHR13	13090774	CHR13:1309077	SSF x Far_LoA	-8,451	0,139	0,292
CHR13	13091046	CHR13:1309104	SSF x Far_LoA	-8,144	-0,094	0,290
CHR13	13091122	CHR13:1309112	SSF x Far_LoA	-9,805	-0,017	0,284
CHR13	13091128	CHR13:1309112	SSF x Far_LoA	-8,852	0,041	0,283
CHR13	13091178	CHR13:1309117	SSF x Far_LoA	-8,703	0,051	0,300
CHR13	13095168	CHR13:1309516	SSF x Far_LoA	-9,938	-0,011	0,273
CHR13	13095226	CHR13:1309522	SSF x Far_LoA	-10,324	0,036	0,288
CHR13	13095364	CHR13:1309536	SSF x Far_LoA	-6,657	-0,025	0,296
CHR13	13095412	CHR13:1309541	SSF x Far_LoA	-9,689	0,014	0,281
CHR13	13095458	CHR13:1309545	SSF x Far_LoA	-11,066	0,010	0,288
CHR13	13127988	CHR13:1312798	SSF x Far_LoA	-9,662	-0,002	0,295
CHR13	13128044	CHR13:1312804	SSF x Far_LoA	-9,127	-0,061	0,286
CHR13	13128159	CHR13:1312815	SSF x Far_LoA	-7,017	0,118	0,289

CHR13	13130170	CHR13:1313017C	SSF x Far_LoA	-9,291	0,015	0,277
CHR13	13130234	CHR13:13130234	SSF x Far_LoA	-9,111	-0,008	0,287
CHR13	13143318	CHR13:13143318	SSF x Far_LoA	-10,658	0,002	0,285
CHR13	13177474	CHR13:13177474	SSF x Far_LoA	-6,153	-0,162	0,287
CHR13	13177518	CHR13:13177518	SSF x Far_LoA	-5,675	-0,140	0,285
CHR13	1318965	CHR13:1318965	SSF x Far_LoA	-11,968	-0,057	0,294
CHR13	13198835	CHR13:13198835	SSF x Far_LoA	-9,397	-0,060	0,294
CHR13	13198964	CHR13:13198964	SSF x Far_LoA	-7,605	0,153	0,274
CHR13	13198967	CHR13:13198967	SSF x Far_LoA	-8,657	0,071	0,287
CHR13	13199012	CHR13:13199012	SSF x Far_LoA	-11,915	-0,042	0,285
CHR13	13199183	CHR13:13199183	SSF x Far_LoA	-11,419	-0,024	0,302
CHR13	1320242	CHR13:1320242	SSF x Far_LoA	-10,052	-0,035	0,291
CHR13	13206404	CHR13:13206404	SSF x Far_LoA	-3,536	-0,116	0,296
CHR13	13235880	CHR13:1323588C	SSF x Far_LoA	-9,253	-0,046	0,294
CHR13	13235902	CHR13:13235902	SSF x Far_LoA	-10,838	-0,009	0,307
CHR13	13236016	CHR13:13236016	SSF x Far_LoA	-5,233	-0,004	0,311
CHR13	13236159	CHR13:13236159	SSF x Far_LoA	-9,134	0,069	0,284
CHR13	13236235	CHR13:13236235	SSF x Far_LoA	-9,153	-0,019	0,307
CHR13	13236236	CHR13:13236236	SSF x Far_LoA	-8,409	0,015	0,303
CHR13	13236239	CHR13:13236239	SSF x Far_LoA	-8,022	0,023	0,327
CHR13	13246994	CHR13:13246994	SSF x Far_LoA	-9,682	-0,014	0,301
CHR13	13246999	CHR13:13246999	SSF x Far_LoA	-7,090	-0,116	0,297
CHR13	13255383	CHR13:13255383	SSF x Far_LoA	-11,211	0,046	0,290
CHR13	13255436	CHR13:13255436	SSF x Far_LoA	-6,027	0,138	0,273
CHR13	13255504	CHR13:13255504	SSF x Far_LoA	-9,970	0,107	0,288
CHR13	13255587	CHR13:13255587	SSF x Far_LoA	-8,633	0,101	0,287
CHR13	13255597	CHR13:13255597	SSF x Far_LoA	-9,795	0,117	0,289
CHR13	13265037	CHR13:13265037	SSF x Far_LoA	-7,762	-0,009	0,284
CHR13	13265277	CHR13:13265277	SSF x Far_LoA	-9,157	0,118	0,286
CHR13	13265367	CHR13:13265367	SSF x Far_LoA	-6,629	-0,118	0,291
CHR13	13265368	CHR13:13265368	SSF x Far_LoA	-8,965	-0,088	0,296
CHR13	13265385	CHR13:13265385	SSF x Far_LoA	-9,691	-0,145	0,280
CHR13	13279375	CHR13:13279375	SSF x Far_LoA	-9,007	0,097	0,279
CHR13	13282561	CHR13:13282561	SSF x Far_LoA	-5,568	-0,085	0,286
CHR13	13282658	CHR13:13282658	SSF x Far_LoA	-9,902	0,061	0,286
CHR13	13282737	CHR13:13282737	SSF x Far_LoA	-10,741	0,111	0,278
CHR13	13282749	CHR13:13282749	SSF x Far_LoA	-10,390	0,114	0,278
CHR13	13285601	CHR13:13285601	SSF x Far_LoA	-8,702	-0,008	0,287
CHR13	13285604	CHR13:13285604	SSF x Far_LoA	-10,406	0,039	0,290
CHR13	1330226	CHR13:1330226	SSF x Far_LoA	-10,634	0,051	0,311
CHR13	13310151	CHR13:13310151	SSF x Far_LoA	-10,420	-0,067	0,301
CHR13	13318571	CHR13:13318571	SSF x Far_LoA	-10,190	0,008	0,281
CHR13	13318710	CHR13:1331871C	SSF x Far_LoA	-9,644	0,046	0,287
CHR13	13328519	CHR13:13328519	SSF x Far_LoA	-9,149	-0,085	0,302
CHR13	13332485	CHR13:13332485	SSF x Far_LoA	-7,339	0,033	0,270
CHR13	13332491	CHR13:13332491	SSF x Far_LoA	-11,095	-0,027	0,292
CHR13	13332574	CHR13:13332574	SSF x Far_LoA	-8,359	0,039	0,293
CHR13	13333431	CHR13:13333431	SSF x Far_LoA	-10,223	0,001	0,290
CHR13	13344615	CHR13:13344615	SSF x Far_LoA	-7,297	0,087	0,295
CHR13	13344632	CHR13:13344632	SSF x Far_LoA	-8,600	-0,039	0,294
CHR13	13344896	CHR13:13344896	SSF x Far_LoA	-10,818	0,044	0,293
CHR13	13344904	CHR13:13344904	SSF x Far_LoA	-8,905	0,169	0,289
CHR13	13369598	CHR13:13369598	SSF x Far_LoA	-8,001	-0,060	0,289

CHR13	13369763	CHR13:1336976	SSF x Far_LoA	-10,913	0,020	0,305
CHR13	1337393	CHR13:1337393	SSF x Far_LoA	-11,492	-0,065	0,294
CHR13	1337542	CHR13:1337542	SSF x Far_LoA	-9,636	0,072	0,292
CHR13	13416099	CHR13:1341609	SSF x Far_LoA	-9,827	0,090	0,297
CHR13	13416318	CHR13:1341631	SSF x Far_LoA	-11,369	-0,022	0,291
CHR13	13419480	CHR13:1341948	SSF x Far_LoA	-8,179	-0,049	0,300
CHR13	13419544	CHR13:1341954	SSF x Far_LoA	-8,079	-0,002	0,290
CHR13	13419578	CHR13:1341957	SSF x Far_LoA	-8,824	-0,012	0,274
CHR13	13419772	CHR13:1341977	SSF x Far_LoA	-8,838	0,032	0,299
CHR13	13419802	CHR13:1341980	SSF x Far_LoA	-11,883	0,003	0,296
CHR13	13419803	CHR13:1341980	SSF x Far_LoA	-8,234	-0,187	0,272
CHR13	13462425	CHR13:1346242	SSF x Far_LoA	-9,302	0,052	0,277
CHR13	13480407	CHR13:1348040	SSF x Far_LoA	-11,388	-0,021	0,290
CHR13	13482915	CHR13:1348291	SSF x Far_LoA	-9,927	0,015	0,288
CHR13	13482934	CHR13:1348293	SSF x Far_LoA	-9,549	0,020	0,299
CHR13	13482944	CHR13:1348294	SSF x Far_LoA	-7,935	0,047	0,291
CHR13	13482962	CHR13:1348296	SSF x Far_LoA	-8,233	0,041	0,292
CHR13	13483037	CHR13:1348303	SSF x Far_LoA	-10,830	0,077	0,296
CHR13	13483138	CHR13:1348313	SSF x Far_LoA	-10,524	0,023	0,288
CHR13	13483170	CHR13:1348317	SSF x Far_LoA	-7,003	-0,144	0,298
CHR13	13486489	CHR13:1348648	SSF x Far_LoA	-10,614	-0,116	0,294
CHR13	13486809	CHR13:1348680	SSF x Far_LoA	-6,585	-0,030	0,305
CHR13	13488215	CHR13:1348821	SSF x Far_LoA	-6,820	0,043	0,299
CHR13	13488239	CHR13:1348823	SSF x Far_LoA	-10,412	0,078	0,286
CHR13	13488247	CHR13:1348824	SSF x Far_LoA	-7,929	0,195	0,270
CHR13	13488413	CHR13:1348841	SSF x Far_LoA	-5,316	0,124	0,304
CHR13	13488489	CHR13:1348848	SSF x Far_LoA	-7,470	-0,137	0,296
CHR13	13504510	CHR13:1350451	SSF x Far_LoA	-8,352	0,060	0,275
CHR13	13504590	CHR13:1350459	SSF x Far_LoA	-9,090	0,087	0,286
CHR13	13504707	CHR13:1350470	SSF x Far_LoA	-11,777	-0,066	0,296
CHR13	13504713	CHR13:1350471	SSF x Far_LoA	-8,546	0,067	0,294
CHR13	13542012	CHR13:1354201	SSF x Far_LoA	-9,708	0,098	0,309
CHR13	13542760	CHR13:1354276	SSF x Far_LoA	-12,125	-0,011	0,283
CHR13	13542789	CHR13:1354278	SSF x Far_LoA	-10,349	0,019	0,312
CHR13	13544453	CHR13:1354445	SSF x Far_LoA	-9,481	-0,024	0,306
CHR13	13562412	CHR13:1356241	SSF x Far_LoA	-10,865	0,015	0,281
CHR13	13562595	CHR13:1356259	SSF x Far_LoA	-10,576	0,088	0,298
CHR13	13581790	CHR13:1358179	SSF x Far_LoA	-10,296	-0,043	0,292
CHR13	13582045	CHR13:1358204	SSF x Far_LoA	-8,709	0,088	0,288
CHR13	13597331	CHR13:1359733	SSF x Far_LoA	-9,169	-0,045	0,287
CHR13	13603760	CHR13:1360376	SSF x Far_LoA	-9,154	-0,037	0,285
CHR13	13604096	CHR13:1360409	SSF x Far_LoA	-6,486	-0,122	0,288
CHR13	13604129	CHR13:1360412	SSF x Far_LoA	-9,390	0,016	0,296
CHR13	1361622	CHR13:1361622	SSF x Far_LoA	-12,451	0,060	0,284
CHR13	13625067	CHR13:1362506	SSF x Far_LoA	-8,942	0,071	0,281
CHR13	13625089	CHR13:1362508	SSF x Far_LoA	-7,593	0,166	0,273
CHR13	13625121	CHR13:1362512	SSF x Far_LoA	-8,532	-0,127	0,283
CHR13	13625143	CHR13:1362514	SSF x Far_LoA	-8,180	-0,100	0,288
CHR13	13625146	CHR13:1362514	SSF x Far_LoA	-8,247	0,076	0,278
CHR13	13626439	CHR13:1362643	SSF x Far_LoA	-8,091	-0,148	0,267
CHR13	13635849	CHR13:1363584	SSF x Far_LoA	-11,778	0,020	0,282
CHR13	13635878	CHR13:1363587	SSF x Far_LoA	-10,270	-0,088	0,294
CHR13	13635904	CHR13:1363590	SSF x Far_LoA	-9,687	-0,048	0,299

CHR13	13635911	CHR13:13635911	SSF x Far_LoA	-9,332	-0,093	0,306
CHR13	13635915	CHR13:13635915	SSF x Far_LoA	-9,473	-0,055	0,287
CHR13	13635932	CHR13:13635932	SSF x Far_LoA	-5,823	-0,007	0,287
CHR13	13635950	CHR13:13635950	SSF x Far_LoA	-9,453	-0,101	0,297
CHR13	13635990	CHR13:13635990	SSF x Far_LoA	-9,454	0,081	0,302
CHR13	13635998	CHR13:13635998	SSF x Far_LoA	-9,011	-0,100	0,292
CHR13	13635999	CHR13:13635999	SSF x Far_LoA	-8,600	-0,060	0,291
CHR13	13636010	CHR13:13636010	SSF x Far_LoA	-11,826	0,055	0,295
CHR13	13640678	CHR13:13640678	SSF x Far_LoA	-10,425	-0,065	0,279
CHR13	13664465	CHR13:13664465	SSF x Far_LoA	-10,425	0,034	0,295
CHR13	13664548	CHR13:13664548	SSF x Far_LoA	-12,072	0,037	0,305
CHR13	13664606	CHR13:13664606	SSF x Far_LoA	-11,459	0,079	0,281
CHR13	13669769	CHR13:13669769	SSF x Far_LoA	-9,479	0,001	0,281
CHR13	13674576	CHR13:13674576	SSF x Far_LoA	-8,260	0,051	0,289
CHR13	13674669	CHR13:13674669	SSF x Far_LoA	-11,535	0,076	0,299
CHR13	13680492	CHR13:13680492	SSF x Far_LoA	-8,783	0,057	0,296
CHR13	13680813	CHR13:13680813	SSF x Far_LoA	-6,940	0,140	0,285
CHR13	13680852	CHR13:13680852	SSF x Far_LoA	-9,577	0,115	0,289
CHR13	13682029	CHR13:13682029	SSF x Far_LoA	-7,820	0,040	0,299
CHR13	13725753	CHR13:13725753	SSF x Far_LoA	-11,297	0,122	0,275
CHR13	13725788	CHR13:13725788	SSF x Far_LoA	-8,731	0,008	0,312
CHR13	13725894	CHR13:13725894	SSF x Far_LoA	-6,749	0,094	0,302
CHR13	13725977	CHR13:13725977	SSF x Far_LoA	-9,979	0,024	0,285
CHR13	13734440	CHR13:13734440	SSF x Far_LoA	-7,104	-0,108	0,292
CHR13	13734469	CHR13:13734469	SSF x Far_LoA	-10,820	-0,045	0,298
CHR13	13734553	CHR13:13734553	SSF x Far_LoA	-7,813	-0,042	0,302
CHR13	13735802	CHR13:13735802	SSF x Far_LoA	-7,716	0,026	0,302
CHR13	13735859	CHR13:13735859	SSF x Far_LoA	-10,280	-0,045	0,287
CHR13	13735932	CHR13:13735932	SSF x Far_LoA	-11,689	-0,080	0,271
CHR13	13735941	CHR13:13735941	SSF x Far_LoA	-4,766	0,123	0,279
CHR13	13748727	CHR13:13748727	SSF x Far_LoA	-7,507	-0,012	0,299
CHR13	13750992	CHR13:13750992	SSF x Far_LoA	-8,980	-0,010	0,283
CHR13	13751600	CHR13:13751600	SSF x Far_LoA	-7,538	-0,025	0,300
CHR13	13752547	CHR13:13752547	SSF x Far_LoA	-10,681	0,014	0,298
CHR13	13752549	CHR13:13752549	SSF x Far_LoA	-8,407	0,129	0,288
CHR13	13755558	CHR13:13755558	SSF x Far_LoA	-7,544	-0,155	0,301
CHR13	13755646	CHR13:13755646	SSF x Far_LoA	-5,322	-0,164	0,281
CHR13	13755669	CHR13:13755669	SSF x Far_LoA	-6,781	-0,175	0,290
CHR13	13755672	CHR13:13755672	SSF x Far_LoA	-6,813	0,218	0,272
CHR13	13784719	CHR13:13784719	SSF x Far_LoA	-9,670	-0,024	0,291
CHR13	13793048	CHR13:13793048	SSF x Far_LoA	-8,753	-0,059	0,304
CHR13	13793086	CHR13:13793086	SSF x Far_LoA	-7,277	0,107	0,289
CHR13	13793117	CHR13:13793117	SSF x Far_LoA	-10,046	-0,096	0,294
CHR13	13793153	CHR13:13793153	SSF x Far_LoA	-9,405	0,140	0,278
CHR13	13795060	CHR13:13795060	SSF x Far_LoA	-8,927	-0,099	0,299
CHR13	13808750	CHR13:13808750	SSF x Far_LoA	-8,028	0,056	0,305
CHR13	13808784	CHR13:13808784	SSF x Far_LoA	-11,257	-0,054	0,302
CHR13	13817963	CHR13:13817963	SSF x Far_LoA	-8,697	-0,020	0,292
CHR13	13817967	CHR13:13817967	SSF x Far_LoA	-8,941	0,009	0,299
CHR13	13817970	CHR13:13817970	SSF x Far_LoA	-8,742	0,028	0,295
CHR13	13817981	CHR13:13817981	SSF x Far_LoA	-11,070	-0,050	0,307
CHR13	13818068	CHR13:13818068	SSF x Far_LoA	-9,268	-0,048	0,304
CHR13	13818071	CHR13:13818071	SSF x Far_LoA	-6,878	0,138	0,281

CHR13	13823100	CHR13:1382310(	SSF x Far_LoA	-10,018	-0,059	0,282
CHR13	13823109	CHR13:1382310(	SSF x Far_LoA	-8,021	-0,069	0,298
CHR13	13823247	CHR13:1382324(	SSF x Far_LoA	-5,753	0,042	0,281
CHR13	13830657	CHR13:1383065(	SSF x Far_LoA	-9,948	0,039	0,296
CHR13	13830708	CHR13:1383070(	SSF x Far_LoA	-10,374	0,100	0,301
CHR13	13830766	CHR13:1383076(	SSF x Far_LoA	-5,967	-0,190	0,265
CHR13	13830771	CHR13:1383077(	SSF x Far_LoA	-1,313	0,032	0,288
CHR13	13878398	CHR13:1387839(	SSF x Far_LoA	-10,738	-0,025	0,276
CHR13	13878816	CHR13:1387881(	SSF x Far_LoA	-9,113	-0,143	0,272
CHR13	1388478	CHR13:1388478	SSF x Far_LoA	-6,836	0,076	0,282
CHR13	13887832	CHR13:1388783(	SSF x Far_LoA	-10,639	-0,067	0,294
CHR13	1390533	CHR13:1390533	SSF x Far_LoA	-5,531	0,054	0,287
CHR13	1390633	CHR13:1390633	SSF x Far_LoA	-9,335	-0,135	0,287
CHR13	13944543	CHR13:1394454(	SSF x Far_LoA	-5,184	0,001	0,294
CHR13	13951409	CHR13:1395140(	SSF x Far_LoA	-9,027	-0,073	0,298
CHR13	13951586	CHR13:1395158(	SSF x Far_LoA	-11,437	-0,023	0,288
CHR13	13951596	CHR13:1395159(	SSF x Far_LoA	-11,485	0,012	0,280
CHR13	13951646	CHR13:1395164(	SSF x Far_LoA	-8,682	-0,034	0,295
CHR13	13951712	CHR13:1395171(	SSF x Far_LoA	-6,274	0,176	0,293
CHR13	13964394	CHR13:1396439(	SSF x Far_LoA	-9,657	0,010	0,290
CHR13	13980294	CHR13:1398029(	SSF x Far_LoA	-3,357	-0,168	0,281
CHR13	13980613	CHR13:1398061(	SSF x Far_LoA	-9,947	0,006	0,274
CHR13	13980710	CHR13:1398071(	SSF x Far_LoA	-11,463	0,060	0,286
CHR13	14029278	CHR13:1402927(	SSF x Far_LoA	-8,091	0,105	0,284
CHR13	14029386	CHR13:1402938(	SSF x Far_LoA	-9,705	-0,034	0,312
CHR13	14029390	CHR13:1402939(	SSF x Far_LoA	-8,841	0,071	0,302
CHR13	14029403	CHR13:1402940(	SSF x Far_LoA	-8,129	-0,042	0,292
CHR13	14029544	CHR13:1402954(	SSF x Far_LoA	-8,713	0,027	0,291
CHR13	14029601	CHR13:1402960(	SSF x Far_LoA	-7,011	-0,045	0,293
CHR13	1403148	CHR13:1403148	SSF x Far_LoA	-4,701	-0,180	0,283
CHR13	1403170	CHR13:1403170	SSF x Far_LoA	-9,144	0,067	0,290
CHR13	1403211	CHR13:1403211	SSF x Far_LoA	-7,858	0,046	0,285
CHR13	1403226	CHR13:1403226	SSF x Far_LoA	-9,340	-0,087	0,282
CHR13	1403245	CHR13:1403245	SSF x Far_LoA	-8,379	-0,138	0,285
CHR13	1403311	CHR13:1403311	SSF x Far_LoA	-9,022	-0,046	0,292
CHR13	14033474	CHR13:1403347(	SSF x Far_LoA	-7,300	-0,077	0,303
CHR13	14033500	CHR13:1403350(	SSF x Far_LoA	-5,881	0,160	0,283
CHR13	14055992	CHR13:1405599(	SSF x Far_LoA	-3,613	0,114	0,290
CHR13	14056094	CHR13:1405609(	SSF x Far_LoA	-8,152	-0,030	0,293
CHR13	14062039	CHR13:1406203(	SSF x Far_LoA	-10,272	0,086	0,268
CHR13	14096962	CHR13:1409696(	SSF x Far_LoA	-7,720	0,016	0,296
CHR13	14106716	CHR13:1410671(	SSF x Far_LoA	-10,076	-0,004	0,294
CHR13	1411633	CHR13:1411633	SSF x Far_LoA	-8,129	-0,033	0,264
CHR13	14116679	CHR13:1411667(	SSF x Far_LoA	-8,641	-0,090	0,293
CHR13	14116688	CHR13:1411668(	SSF x Far_LoA	-9,135	-0,117	0,291
CHR13	1411761	CHR13:1411761	SSF x Far_LoA	-10,523	0,065	0,298
CHR13	1411777	CHR13:1411777	SSF x Far_LoA	-10,779	-0,040	0,298
CHR13	14168709	CHR13:1416870(	SSF x Far_LoA	-7,796	0,076	0,298
CHR13	14191353	CHR13:1419135(	SSF x Far_LoA	-9,945	0,026	0,300
CHR13	14191766	CHR13:1419176(	SSF x Far_LoA	-9,777	-0,046	0,296
CHR13	14253670	CHR13:1425367(	SSF x Far_LoA	-7,902	-0,128	0,290
CHR13	14253678	CHR13:1425367(	SSF x Far_LoA	-11,840	-0,033	0,294
CHR13	14256725	CHR13:1425672(	SSF x Far_LoA	-7,388	-0,065	0,289

CHR13	14256783	CHR13:14256783	SSF x Far_LoA	-9,271	-0,037	0,296
CHR13	14258951	CHR13:14258951	SSF x Far_LoA	-7,590	0,084	0,298
CHR13	14258972	CHR13:14258972	SSF x Far_LoA	-10,095	0,052	0,285
CHR13	14262354	CHR13:14262354	SSF x Far_LoA	-8,103	-0,067	0,288
CHR13	14269172	CHR13:14269172	SSF x Far_LoA	-10,061	-0,021	0,287
CHR13	14302812	CHR13:14302812	SSF x Far_LoA	-11,440	0,025	0,280
CHR13	14339198	CHR13:14339198	SSF x Far_LoA	-8,311	0,033	0,293
CHR13	1439153	CHR13:1439153	SSF x Far_LoA	-10,384	-0,081	0,292
CHR13	1439218	CHR13:1439218	SSF x Far_LoA	-9,464	-0,009	0,290
CHR13	1439250	CHR13:1439250	SSF x Far_LoA	-7,811	0,179	0,287
CHR13	1439263	CHR13:1439263	SSF x Far_LoA	-7,919	-0,091	0,299
CHR13	1439264	CHR13:1439264	SSF x Far_LoA	-9,414	0,006	0,301
CHR13	1439279	CHR13:1439279	SSF x Far_LoA	-8,285	0,076	0,300
CHR13	1439290	CHR13:1439290	SSF x Far_LoA	-12,052	-0,095	0,286
CHR13	1439303	CHR13:1439303	SSF x Far_LoA	-9,450	-0,015	0,292
CHR13	1439335	CHR13:1439335	SSF x Far_LoA	-9,887	-0,008	0,292
CHR13	1439358	CHR13:1439358	SSF x Far_LoA	-10,610	0,079	0,286
CHR13	1439371	CHR13:1439371	SSF x Far_LoA	-10,421	-0,064	0,291
CHR13	1449569	CHR13:1449569	SSF x Far_LoA	-10,723	0,139	0,293
CHR13	1449743	CHR13:1449743	SSF x Far_LoA	-8,384	-0,025	0,291
CHR13	1449747	CHR13:1449747	SSF x Far_LoA	-8,379	-0,046	0,299
CHR13	1449766	CHR13:1449766	SSF x Far_LoA	-7,455	-0,021	0,297
CHR13	1449772	CHR13:1449772	SSF x Far_LoA	-9,172	-0,042	0,289
CHR13	1458817	CHR13:1458817	SSF x Far_LoA	-9,526	-0,003	0,287
CHR13	1458827	CHR13:1458827	SSF x Far_LoA	-8,514	-0,064	0,287
CHR13	1458858	CHR13:1458858	SSF x Far_LoA	-9,309	0,014	0,280
CHR13	1458870	CHR13:1458870	SSF x Far_LoA	-9,786	0,051	0,290
CHR13	1458907	CHR13:1458907	SSF x Far_LoA	-9,474	0,031	0,308
CHR13	1461039	CHR13:1461039	SSF x Far_LoA	-11,134	0,054	0,297
CHR13	1461350	CHR13:1461350	SSF x Far_LoA	-8,297	-0,161	0,281
CHR13	1461360	CHR13:1461360	SSF x Far_LoA	-10,320	0,016	0,290
CHR13	1461362	CHR13:1461362	SSF x Far_LoA	-9,948	0,016	0,300
CHR13	1461364	CHR13:1461364	SSF x Far_LoA	-12,139	-0,041	0,287
CHR13	1461404	CHR13:1461404	SSF x Far_LoA	-8,394	0,057	0,288
CHR13	1472260	CHR13:1472260	SSF x Far_LoA	-10,013	-0,068	0,279
CHR13	1472296	CHR13:1472296	SSF x Far_LoA	-9,340	-0,107	0,278
CHR13	1472411	CHR13:1472411	SSF x Far_LoA	-6,979	-0,137	0,278
CHR13	1472421	CHR13:1472421	SSF x Far_LoA	-7,861	-0,058	0,288
CHR13	1472425	CHR13:1472425	SSF x Far_LoA	-10,114	-0,065	0,280
CHR13	1472446	CHR13:1472446	SSF x Far_LoA	-10,693	-0,049	0,300
CHR13	1472466	CHR13:1472466	SSF x Far_LoA	-10,058	-0,058	0,288
CHR13	1472545	CHR13:1472545	SSF x Far_LoA	-9,174	0,031	0,292
CHR13	1472564	CHR13:1472564	SSF x Far_LoA	-8,584	0,084	0,301
CHR13	1506067	CHR13:1506067	SSF x Far_LoA	-7,445	0,067	0,311
CHR13	1506071	CHR13:1506071	SSF x Far_LoA	-10,538	0,059	0,302
CHR13	1506145	CHR13:1506145	SSF x Far_LoA	-9,973	-0,052	0,288
CHR13	1506181	CHR13:1506181	SSF x Far_LoA	-11,593	-0,002	0,289
CHR13	1506182	CHR13:1506182	SSF x Far_LoA	-9,485	0,016	0,288
CHR13	1506188	CHR13:1506188	SSF x Far_LoA	-10,609	0,014	0,300
CHR13	1506225	CHR13:1506225	SSF x Far_LoA	-7,982	0,102	0,294
CHR13	1507674	CHR13:1507674	SSF x Far_LoA	-8,933	0,083	0,300
CHR13	1507694	CHR13:1507694	SSF x Far_LoA	-10,968	0,014	0,272
CHR13	1507724	CHR13:1507724	SSF x Far_LoA	-8,407	-0,020	0,281

CHR13	1514694	CHR13:1514694	SSF x Far_LoA	-6,473	0,165	0,267
CHR13	1514738	CHR13:1514738	SSF x Far_LoA	-9,463	-0,083	0,294
CHR13	1515989	CHR13:1515989	SSF x Far_LoA	4,620	-0,107	0,286
CHR13	1517066	CHR13:1517066	SSF x Far_LoA	-9,869	0,149	0,261
CHR13	1522707	CHR13:1522707	SSF x Far_LoA	-11,565	-0,043	0,279
CHR13	1522718	CHR13:1522718	SSF x Far_LoA	-0,808	-0,175	0,288
CHR13	1522726	CHR13:1522726	SSF x Far_LoA	-5,802	-0,152	0,291
CHR13	1529174	CHR13:1529174	SSF x Far_LoA	-8,485	0,045	0,295
CHR13	1529195	CHR13:1529195	SSF x Far_LoA	-9,896	-0,004	0,292
CHR13	1529212	CHR13:1529212	SSF x Far_LoA	-10,863	0,051	0,293
CHR13	1529221	CHR13:1529221	SSF x Far_LoA	-9,999	0,054	0,294
CHR13	1529254	CHR13:1529254	SSF x Far_LoA	-4,892	-0,179	0,270
CHR13	1529352	CHR13:1529352	SSF x Far_LoA	-7,744	-0,124	0,283
CHR13	1529374	CHR13:1529374	SSF x Far_LoA	-9,247	-0,053	0,273
CHR13	1531099	CHR13:1531099	SSF x Far_LoA	-10,919	0,054	0,289
CHR13	1536711	CHR13:1536711	SSF x Far_LoA	-11,216	0,031	0,293
CHR13	1536723	CHR13:1536723	SSF x Far_LoA	-9,217	0,009	0,302
CHR13	1536765	CHR13:1536765	SSF x Far_LoA	-3,743	0,156	0,279
CHR13	1536849	CHR13:1536849	SSF x Far_LoA	-9,560	0,088	0,287
CHR13	1536853	CHR13:1536853	SSF x Far_LoA	-7,627	0,135	0,289
CHR13	1551727	CHR13:1551727	SSF x Far_LoA	-9,757	0,044	0,310
CHR13	1551845	CHR13:1551845	SSF x Far_LoA	-10,463	0,095	0,295
CHR13	1551992	CHR13:1551992	SSF x Far_LoA	-10,981	0,102	0,288
CHR13	1552024	CHR13:1552024	SSF x Far_LoA	-9,924	0,141	0,276
CHR13	1557636	CHR13:1557636	SSF x Far_LoA	-7,481	-0,003	0,303
CHR13	1560027	CHR13:1560027	SSF x Far_LoA	-10,756	-0,061	0,287
CHR13	1594049	CHR13:1594049	SSF x Far_LoA	-8,693	-0,145	0,284
CHR13	1594052	CHR13:1594052	SSF x Far_LoA	-7,042	0,126	0,288
CHR13	1594060	CHR13:1594060	SSF x Far_LoA	-7,014	0,086	0,289
CHR13	1594068	CHR13:1594068	SSF x Far_LoA	-8,673	-0,043	0,307
CHR13	1594097	CHR13:1594097	SSF x Far_LoA	-9,833	0,077	0,283
CHR13	1594102	CHR13:1594102	SSF x Far_LoA	-8,882	-0,106	0,299
CHR13	1594143	CHR13:1594143	SSF x Far_LoA	-11,061	-0,087	0,294
CHR13	1594147	CHR13:1594147	SSF x Far_LoA	4,792	0,098	0,286
CHR13	1594182	CHR13:1594182	SSF x Far_LoA	-7,864	-0,025	0,299
CHR13	1594196	CHR13:1594196	SSF x Far_LoA	-0,157	-0,120	0,284
CHR13	1594212	CHR13:1594212	SSF x Far_LoA	-10,107	0,062	0,299
CHR13	1594213	CHR13:1594213	SSF x Far_LoA	-8,016	0,011	0,293
CHR13	1596227	CHR13:1596227	SSF x Far_LoA	-9,894	0,170	0,272
CHR13	1606244	CHR13:1606244	SSF x Far_LoA	-10,918	-0,040	0,299
CHR13	1606301	CHR13:1606301	SSF x Far_LoA	-10,463	0,157	0,288
CHR13	1606302	CHR13:1606302	SSF x Far_LoA	-10,314	0,166	0,274
CHR13	1606365	CHR13:1606365	SSF x Far_LoA	-11,223	-0,055	0,287
CHR13	1606433	CHR13:1606433	SSF x Far_LoA	-4,997	-0,022	0,287
CHR13	1606439	CHR13:1606439	SSF x Far_LoA	-9,692	-0,012	0,285
CHR13	1606451	CHR13:1606451	SSF x Far_LoA	-8,639	-0,003	0,303
CHR13	1610592	CHR13:1610592	SSF x Far_LoA	-8,232	0,004	0,291
CHR13	1610655	CHR13:1610655	SSF x Far_LoA	-5,844	-0,189	0,287
CHR13	1618488	CHR13:1618488	SSF x Far_LoA	-8,956	-0,116	0,287
CHR13	1618617	CHR13:1618617	SSF x Far_LoA	-9,131	-0,087	0,288
CHR13	1618663	CHR13:1618663	SSF x Far_LoA	-10,120	-0,055	0,302
CHR13	1618665	CHR13:1618665	SSF x Far_LoA	-10,674	-0,036	0,299
CHR13	1618711	CHR13:1618711	SSF x Far_LoA	-10,827	-0,009	0,284

CHR13	1664168	CHR13:1664168	SSF x Far_LoA	-6,374	-0,160	0,281
CHR13	1664283	CHR13:1664283	SSF x Far_LoA	-9,898	0,019	0,297
CHR13	1664318	CHR13:1664318	SSF x Far_LoA	-9,786	0,029	0,296
CHR13	1664490	CHR13:1664490	SSF x Far_LoA	-10,831	0,045	0,298
CHR13	1670512	CHR13:1670512	SSF x Far_LoA	-10,606	-0,008	0,291
CHR13	1670562	CHR13:1670562	SSF x Far_LoA	-3,659	-0,183	0,288
CHR13	1670570	CHR13:1670570	SSF x Far_LoA	-9,423	-0,070	0,282
CHR13	1670572	CHR13:1670572	SSF x Far_LoA	-9,510	-0,044	0,285
CHR13	1670612	CHR13:1670612	SSF x Far_LoA	-7,845	-0,120	0,285
CHR13	1670637	CHR13:1670637	SSF x Far_LoA	-8,858	-0,010	0,287
CHR13	1673539	CHR13:1673539	SSF x Far_LoA	-9,847	-0,063	0,275
CHR13	1673763	CHR13:1673763	SSF x Far_LoA	-9,212	0,008	0,298
CHR13	1685922	CHR13:1685922	SSF x Far_LoA	-9,219	-0,093	0,307
CHR13	168976	CHR13:168976	SSF x Far_LoA	-6,839	-0,148	0,269
CHR13	168977	CHR13:168977	SSF x Far_LoA	-7,428	-0,133	0,295
CHR13	1702877	CHR13:1702877	SSF x Far_LoA	-7,303	0,129	0,296
CHR13	1712693	CHR13:1712693	SSF x Far_LoA	-12,229	0,005	0,276
CHR13	1712861	CHR13:1712861	SSF x Far_LoA	-9,297	0,067	0,298
CHR13	1733949	CHR13:1733949	SSF x Far_LoA	-8,569	0,083	0,307
CHR13	1733981	CHR13:1733981	SSF x Far_LoA	-5,282	-0,102	0,301
CHR13	1733982	CHR13:1733982	SSF x Far_LoA	-5,598	-0,132	0,298
CHR13	1733987	CHR13:1733987	SSF x Far_LoA	-9,150	-0,127	0,279
CHR13	1733998	CHR13:1733998	SSF x Far_LoA	-7,705	-0,096	0,296
CHR13	1734000	CHR13:1734000	SSF x Far_LoA	-8,064	-0,137	0,280
CHR13	1734069	CHR13:1734069	SSF x Far_LoA	-9,508	0,025	0,280
CHR13	1734081	CHR13:1734081	SSF x Far_LoA	-2,543	0,158	0,293
CHR13	1734125	CHR13:1734125	SSF x Far_LoA	-8,676	0,092	0,294
CHR13	1734197	CHR13:1734197	SSF x Far_LoA	-11,668	-0,073	0,286
CHR13	1736690	CHR13:1736690	SSF x Far_LoA	-8,867	-0,059	0,288
CHR13	1736750	CHR13:1736750	SSF x Far_LoA	-9,025	-0,003	0,290
CHR13	174616	CHR13:174616	SSF x Far_LoA	-10,708	0,018	0,292
CHR13	174626	CHR13:174626	SSF x Far_LoA	-4,987	-0,031	0,306
CHR13	174667	CHR13:174667	SSF x Far_LoA	-11,864	-0,027	0,296
CHR13	1756875	CHR13:1756875	SSF x Far_LoA	-10,186	0,064	0,283
CHR13	1775354	CHR13:1775354	SSF x Far_LoA	-11,926	0,007	0,287
CHR13	1775436	CHR13:1775436	SSF x Far_LoA	-10,637	0,029	0,309
CHR13	1783054	CHR13:1783054	SSF x Far_LoA	-11,422	-0,061	0,280
CHR13	18470	CHR13:18470	SSF x Far_LoA	-8,095	-0,048	0,307
CHR13	266411	CHR13:266411	SSF x Far_LoA	-10,242	-0,145	0,272
CHR13	270157	CHR13:270157	SSF x Far_LoA	-11,614	-0,002	0,291
CHR13	270163	CHR13:270163	SSF x Far_LoA	-11,178	0,085	0,290
CHR13	270328	CHR13:270328	SSF x Far_LoA	-8,645	-0,001	0,287
CHR13	275379	CHR13:275379	SSF x Far_LoA	-6,821	0,022	0,313
CHR13	281741	CHR13:281741	SSF x Far_LoA	-8,388	-0,001	0,315
CHR13	333305	CHR13:333305	SSF x Far_LoA	-8,225	0,043	0,319
CHR13	34926	CHR13:34926	SSF x Far_LoA	-11,214	0,102	0,281
CHR13	34947	CHR13:34947	SSF x Far_LoA	-12,073	0,104	0,285
CHR13	385421	CHR13:385421	SSF x Far_LoA	-10,598	-0,021	0,296
CHR13	397292	CHR13:397292	SSF x Far_LoA	-8,178	-0,148	0,297
CHR13	397377	CHR13:397377	SSF x Far_LoA	-9,806	0,130	0,283
CHR13	397434	CHR13:397434	SSF x Far_LoA	-6,636	-0,138	0,283
CHR13	397447	CHR13:397447	SSF x Far_LoA	-8,293	0,095	0,283
CHR13	399951	CHR13:399951	SSF x Far_LoA	-8,855	0,055	0,283

CHR13	399962	CHR13:399962	SSF x Far_LoA	-8,642	0,009	0,289
CHR13	399965	CHR13:399965	SSF x Far_LoA	-9,079	-0,045	0,295
CHR13	399973	CHR13:399973	SSF x Far_LoA	-8,844	-0,043	0,298
CHR13	399976	CHR13:399976	SSF x Far_LoA	-8,004	0,062	0,294
CHR13	400096	CHR13:400096	SSF x Far_LoA	-8,129	0,090	0,276
CHR13	400100	CHR13:400100	SSF x Far_LoA	-7,298	0,086	0,276
CHR13	400133	CHR13:400133	SSF x Far_LoA	-9,648	-0,031	0,274
CHR13	400135	CHR13:400135	SSF x Far_LoA	-9,542	-0,042	0,285
CHR13	400139	CHR13:400139	SSF x Far_LoA	-8,323	0,084	0,297
CHR13	400142	CHR13:400142	SSF x Far_LoA	-10,429	-0,031	0,289
CHR13	400153	CHR13:400153	SSF x Far_LoA	-11,971	-0,024	0,291
CHR13	400182	CHR13:400182	SSF x Far_LoA	-9,253	-0,025	0,302
CHR13	406590	CHR13:406590	SSF x Far_LoA	8,438	-0,048	0,291
CHR13	406597	CHR13:406597	SSF x Far_LoA	-10,293	0,103	0,281
CHR13	406606	CHR13:406606	SSF x Far_LoA	-9,629	-0,097	0,292
CHR13	406611	CHR13:406611	SSF x Far_LoA	-9,535	-0,061	0,287
CHR13	406646	CHR13:406646	SSF x Far_LoA	-8,997	0,025	0,278
CHR13	406658	CHR13:406658	SSF x Far_LoA	-9,127	0,062	0,267
CHR13	406662	CHR13:406662	SSF x Far_LoA	-8,317	0,003	0,301
CHR13	406676	CHR13:406676	SSF x Far_LoA	-8,516	0,090	0,279
CHR13	406710	CHR13:406710	SSF x Far_LoA	-8,331	-0,020	0,302
CHR13	406714	CHR13:406714	SSF x Far_LoA	-9,349	-0,024	0,293
CHR13	406740	CHR13:406740	SSF x Far_LoA	-9,801	-0,003	0,299
CHR13	406747	CHR13:406747	SSF x Far_LoA	-8,435	-0,010	0,303
CHR13	406857	CHR13:406857	SSF x Far_LoA	-8,466	0,063	0,284
CHR13	411467	CHR13:411467	SSF x Far_LoA	-8,613	0,093	0,290
CHR13	411527	CHR13:411527	SSF x Far_LoA	-7,581	0,072	0,298
CHR13	411544	CHR13:411544	SSF x Far_LoA	-9,557	0,024	0,302
CHR13	411749	CHR13:411749	SSF x Far_LoA	-8,278	-0,089	0,289
CHR13	411789	CHR13:411789	SSF x Far_LoA	-11,399	0,006	0,290
CHR13	411792	CHR13:411792	SSF x Far_LoA	-10,745	-0,106	0,284
CHR13	414845	CHR13:414845	SSF x Far_LoA	-11,045	0,015	0,290
CHR13	414919	CHR13:414919	SSF x Far_LoA	-8,409	-0,044	0,299
CHR13	414933	CHR13:414933	SSF x Far_LoA	-10,794	0,028	0,290
CHR13	414950	CHR13:414950	SSF x Far_LoA	-9,978	-0,045	0,282
CHR13	417175	CHR13:417175	SSF x Far_LoA	-8,674	-0,096	0,284
CHR13	417218	CHR13:417218	SSF x Far_LoA	-9,072	-0,043	0,288
CHR13	417247	CHR13:417247	SSF x Far_LoA	-12,170	-0,061	0,285
CHR13	417259	CHR13:417259	SSF x Far_LoA	-10,004	-0,063	0,306
CHR13	417265	CHR13:417265	SSF x Far_LoA	-8,891	0,056	0,288
CHR13	417300	CHR13:417300	SSF x Far_LoA	-11,462	0,036	0,294
CHR13	417352	CHR13:417352	SSF x Far_LoA	-7,514	0,096	0,293
CHR13	417388	CHR13:417388	SSF x Far_LoA	-11,101	-0,038	0,288
CHR13	418121	CHR13:418121	SSF x Far_LoA	-11,891	0,109	0,283
CHR13	418132	CHR13:418132	SSF x Far_LoA	-11,435	0,093	0,295
CHR13	418186	CHR13:418186	SSF x Far_LoA	-9,472	0,082	0,282
CHR13	418232	CHR13:418232	SSF x Far_LoA	-9,054	-0,012	0,294
CHR13	418244	CHR13:418244	SSF x Far_LoA	-7,064	0,061	0,295
CHR13	418451	CHR13:418451	SSF x Far_LoA	-10,414	-0,050	0,303
CHR13	418484	CHR13:418484	SSF x Far_LoA	-9,643	-0,014	0,303
CHR13	418500	CHR13:418500	SSF x Far_LoA	-9,726	0,041	0,291
CHR13	4211254	CHR13:4211254	SSF x Far_LoA	-8,682	0,017	0,293
CHR13	4211431	CHR13:4211431	SSF x Far_LoA	-10,249	0,011	0,292

CHR13	4217605	CHR13:4217605	SSF x Far_LoA	-10,513	-0,039	0,289
CHR13	4217786	CHR13:4217786	SSF x Far_LoA	-11,404	0,003	0,278
CHR13	4258207	CHR13:4258207	SSF x Far_LoA	-8,691	-0,077	0,296
CHR13	4258215	CHR13:4258215	SSF x Far_LoA	-11,363	-0,041	0,277
CHR13	4258239	CHR13:4258239	SSF x Far_LoA	-8,754	-0,069	0,292
CHR13	4258455	CHR13:4258455	SSF x Far_LoA	-10,114	-0,002	0,302
CHR13	4269458	CHR13:4269458	SSF x Far_LoA	-10,851	-0,001	0,294
CHR13	4287194	CHR13:4287194	SSF x Far_LoA	-7,895	0,031	0,301
CHR13	4287261	CHR13:4287261	SSF x Far_LoA	-9,363	0,007	0,278
CHR13	4287288	CHR13:4287288	SSF x Far_LoA	-8,468	-0,057	0,282
CHR13	4287301	CHR13:4287301	SSF x Far_LoA	-10,862	0,092	0,290
CHR13	4287360	CHR13:4287360	SSF x Far_LoA	-8,121	0,085	0,290
CHR13	4287397	CHR13:4287397	SSF x Far_LoA	-6,752	0,107	0,287
CHR13	428752	CHR13:428752	SSF x Far_LoA	-9,119	0,032	0,293
CHR13	428789	CHR13:428789	SSF x Far_LoA	-3,370	-0,028	0,310
CHR13	428827	CHR13:428827	SSF x Far_LoA	-9,845	0,039	0,286
CHR13	4290838	CHR13:4290838	SSF x Far_LoA	-8,964	0,012	0,296
CHR13	4290863	CHR13:4290863	SSF x Far_LoA	-4,101	-0,103	0,293
CHR13	4290888	CHR13:4290888	SSF x Far_LoA	-11,483	0,087	0,286
CHR13	4290976	CHR13:4290976	SSF x Far_LoA	-9,239	0,023	0,292
CHR13	4291058	CHR13:4291058	SSF x Far_LoA	-10,063	0,101	0,293
CHR13	429229	CHR13:429229	SSF x Far_LoA	-9,236	-0,016	0,292
CHR13	429281	CHR13:429281	SSF x Far_LoA	-9,873	-0,033	0,294
CHR13	429296	CHR13:429296	SSF x Far_LoA	-8,163	-0,138	0,291
CHR13	4325068	CHR13:4325068	SSF x Far_LoA	-7,992	0,059	0,283
CHR13	4325098	CHR13:4325098	SSF x Far_LoA	-10,440	0,121	0,285
CHR13	4325165	CHR13:4325165	SSF x Far_LoA	-9,218	0,000	0,302
CHR13	4325197	CHR13:4325197	SSF x Far_LoA	-6,321	-0,171	0,292
CHR13	4325198	CHR13:4325198	SSF x Far_LoA	-8,375	-0,182	0,275
CHR13	4325212	CHR13:4325212	SSF x Far_LoA	-8,110	0,102	0,287
CHR13	4325213	CHR13:4325213	SSF x Far_LoA	-11,632	0,041	0,286
CHR13	4325217	CHR13:4325217	SSF x Far_LoA	-10,390	-0,141	0,271
CHR13	4332116	CHR13:4332116	SSF x Far_LoA	-8,106	-0,066	0,291
CHR13	4332138	CHR13:4332138	SSF x Far_LoA	-7,787	-0,030	0,296
CHR13	4332159	CHR13:4332159	SSF x Far_LoA	-8,187	-0,048	0,285
CHR13	4332182	CHR13:4332182	SSF x Far_LoA	-8,759	0,073	0,297
CHR13	4333340	CHR13:4333340	SSF x Far_LoA	-10,948	-0,055	0,282
CHR13	4333364	CHR13:4333364	SSF x Far_LoA	-8,565	-0,019	0,297
CHR13	4333369	CHR13:4333369	SSF x Far_LoA	-6,960	-0,018	0,301
CHR13	4333414	CHR13:4333414	SSF x Far_LoA	-7,833	0,090	0,296
CHR13	4339041	CHR13:4339041	SSF x Far_LoA	-8,594	0,101	0,281
CHR13	4339049	CHR13:4339049	SSF x Far_LoA	-9,023	-0,084	0,284
CHR13	4339241	CHR13:4339241	SSF x Far_LoA	-8,226	-0,055	0,296
CHR13	436027	CHR13:436027	SSF x Far_LoA	-9,236	0,003	0,278
CHR13	436035	CHR13:436035	SSF x Far_LoA	-10,956	0,046	0,284
CHR13	436037	CHR13:436037	SSF x Far_LoA	-11,726	-0,012	0,285
CHR13	436059	CHR13:436059	SSF x Far_LoA	-11,124	0,088	0,287
CHR13	436142	CHR13:436142	SSF x Far_LoA	-10,670	-0,003	0,293
CHR13	436168	CHR13:436168	SSF x Far_LoA	-10,005	0,007	0,278
CHR13	436170	CHR13:436170	SSF x Far_LoA	-11,186	0,019	0,286
CHR13	436194	CHR13:436194	SSF x Far_LoA	-11,188	0,014	0,287
CHR13	436201	CHR13:436201	SSF x Far_LoA	-10,520	-0,073	0,290
CHR13	436238	CHR13:436238	SSF x Far_LoA	-11,617	0,058	0,290

CHR13	436244	CHR13:436244	SSF x Far_LoA	-10,062	0,027	0,299
CHR13	436263	CHR13:436263	SSF x Far_LoA	-9,445	-0,005	0,288
CHR13	436270	CHR13:436270	SSF x Far_LoA	-9,109	0,036	0,300
CHR13	436275	CHR13:436275	SSF x Far_LoA	-10,462	-0,120	0,274
CHR13	436351	CHR13:436351	SSF x Far_LoA	-9,592	-0,033	0,282
CHR13	436364	CHR13:436364	SSF x Far_LoA	-11,193	-0,075	0,277
CHR13	436376	CHR13:436376	SSF x Far_LoA	-10,135	-0,019	0,290
CHR13	436402	CHR13:436402	SSF x Far_LoA	-10,328	0,091	0,301
CHR13	4379258	CHR13:4379258	SSF x Far_LoA	-11,162	-0,124	0,267
CHR13	4379419	CHR13:4379419	SSF x Far_LoA	-10,873	-0,003	0,288
CHR13	4379457	CHR13:4379457	SSF x Far_LoA	-10,326	-0,049	0,284
CHR13	4383427	CHR13:4383427	SSF x Far_LoA	-9,696	-0,125	0,291
CHR13	4386342	CHR13:4386342	SSF x Far_LoA	-12,388	-0,074	0,278
CHR13	4386390	CHR13:4386390	SSF x Far_LoA	-9,602	-0,040	0,294
CHR13	4386420	CHR13:4386420	SSF x Far_LoA	-11,445	-0,056	0,281
CHR13	4386432	CHR13:4386432	SSF x Far_LoA	-9,804	0,101	0,284
CHR13	4386487	CHR13:4386487	SSF x Far_LoA	-9,109	0,048	0,297
CHR13	4386488	CHR13:4386488	SSF x Far_LoA	-11,806	-0,015	0,283
CHR13	4386506	CHR13:4386506	SSF x Far_LoA	-3,185	-0,183	0,286
CHR13	4386541	CHR13:4386541	SSF x Far_LoA	-3,894	-0,118	0,291
CHR13	4401859	CHR13:4401859	SSF x Far_LoA	-11,154	0,100	0,280
CHR13	4401896	CHR13:4401896	SSF x Far_LoA	-10,042	0,059	0,292
CHR13	4401938	CHR13:4401938	SSF x Far_LoA	-9,684	-0,125	0,285
CHR13	4401984	CHR13:4401984	SSF x Far_LoA	-8,622	-0,018	0,275
CHR13	4401985	CHR13:4401985	SSF x Far_LoA	-11,858	0,091	0,286
CHR13	4402018	CHR13:4402018	SSF x Far_LoA	1,417	0,138	0,283
CHR13	4428994	CHR13:4428994	SSF x Far_LoA	-11,144	-0,056	0,298
CHR13	4428999	CHR13:4428999	SSF x Far_LoA	-10,383	-0,072	0,294
CHR13	4429030	CHR13:4429030	SSF x Far_LoA	-9,988	-0,054	0,300
CHR13	4429110	CHR13:4429110	SSF x Far_LoA	-10,538	-0,083	0,291
CHR13	4429115	CHR13:4429115	SSF x Far_LoA	-7,596	-0,027	0,291
CHR13	4429167	CHR13:4429167	SSF x Far_LoA	-8,177	-0,042	0,299
CHR13	4452003	CHR13:4452003	SSF x Far_LoA	-12,404	0,023	0,282
CHR13	4457933	CHR13:4457933	SSF x Far_LoA	-0,297	0,043	0,304
CHR13	4457972	CHR13:4457972	SSF x Far_LoA	-11,852	0,016	0,285
CHR13	4457997	CHR13:4457997	SSF x Far_LoA	-9,938	-0,021	0,300
CHR13	4464278	CHR13:4464278	SSF x Far_LoA	-10,417	-0,090	0,293
CHR13	4464279	CHR13:4464279	SSF x Far_LoA	-9,838	-0,101	0,288
CHR13	4464300	CHR13:4464300	SSF x Far_LoA	-5,951	-0,223	0,271
CHR13	4464380	CHR13:4464380	SSF x Far_LoA	-9,462	0,086	0,289
CHR13	4477193	CHR13:4477193	SSF x Far_LoA	-9,990	-0,006	0,293
CHR13	4486908	CHR13:4486908	SSF x Far_LoA	-8,568	0,046	0,300
CHR13	4492293	CHR13:4492293	SSF x Far_LoA	-10,706	-0,098	0,308
CHR13	4493367	CHR13:4493367	SSF x Far_LoA	-8,674	0,014	0,294
CHR13	4493420	CHR13:4493420	SSF x Far_LoA	-10,196	0,009	0,295
CHR13	4497274	CHR13:4497274	SSF x Far_LoA	-11,742	-0,036	0,290
CHR13	4497305	CHR13:4497305	SSF x Far_LoA	-7,741	0,053	0,293
CHR13	4497309	CHR13:4497309	SSF x Far_LoA	-4,552	-0,018	0,313
CHR13	4497390	CHR13:4497390	SSF x Far_LoA	-10,424	-0,101	0,296
CHR13	4518475	CHR13:4518475	SSF x Far_LoA	-7,707	0,040	0,287
CHR13	4536709	CHR13:4536709	SSF x Far_LoA	-8,296	-0,029	0,287
CHR13	4536768	CHR13:4536768	SSF x Far_LoA	-9,656	0,024	0,285
CHR13	4536773	CHR13:4536773	SSF x Far_LoA	-11,222	-0,011	0,300

CHR13	4557453	CHR13:4557453	SSF x Far_LoA	-10,284	0,009	0,291
CHR13	4557493	CHR13:4557493	SSF x Far_LoA	-8,868	0,058	0,305
CHR13	4557509	CHR13:4557509	SSF x Far_LoA	-9,360	0,014	0,289
CHR13	4561291	CHR13:4561291	SSF x Far_LoA	-8,972	-0,028	0,285
CHR13	4561326	CHR13:4561326	SSF x Far_LoA	-9,176	-0,113	0,297
CHR13	456477	CHR13:456477	SSF x Far_LoA	-9,581	0,089	0,278
CHR13	456484	CHR13:456484	SSF x Far_LoA	-10,838	0,150	0,270
CHR13	4616615	CHR13:4616615	SSF x Far_LoA	-3,544	0,097	0,301
CHR13	4616723	CHR13:4616723	SSF x Far_LoA	-8,048	-0,032	0,281
CHR13	4616738	CHR13:4616738	SSF x Far_LoA	-9,701	-0,016	0,277
CHR13	4616915	CHR13:4616915	SSF x Far_LoA	-8,664	0,079	0,291
CHR13	4635602	CHR13:4635602	SSF x Far_LoA	-10,129	-0,016	0,287
CHR13	4635766	CHR13:4635766	SSF x Far_LoA	-9,218	0,083	0,310
CHR13	4635773	CHR13:4635773	SSF x Far_LoA	-9,354	0,070	0,292
CHR13	4635822	CHR13:4635822	SSF x Far_LoA	-9,905	-0,019	0,291
CHR13	4661752	CHR13:4661752	SSF x Far_LoA	-3,339	0,146	0,302
CHR13	4661841	CHR13:4661841	SSF x Far_LoA	-8,849	0,018	0,290
CHR13	4661931	CHR13:4661931	SSF x Far_LoA	-9,428	-0,022	0,294
CHR13	4661948	CHR13:4661948	SSF x Far_LoA	-9,618	-0,022	0,299
CHR13	4667521	CHR13:4667521	SSF x Far_LoA	-9,051	0,105	0,284
CHR13	4670577	CHR13:4670577	SSF x Far_LoA	-10,990	-0,032	0,287
CHR13	4670591	CHR13:4670591	SSF x Far_LoA	-6,149	0,011	0,287
CHR13	4670598	CHR13:4670598	SSF x Far_LoA	-10,010	0,027	0,292
CHR13	4670633	CHR13:4670633	SSF x Far_LoA	-11,136	-0,042	0,282
CHR13	4670634	CHR13:4670634	SSF x Far_LoA	-11,212	-0,050	0,290
CHR13	4670678	CHR13:4670678	SSF x Far_LoA	-10,773	0,066	0,289
CHR13	4670777	CHR13:4670777	SSF x Far_LoA	-8,305	-0,074	0,294
CHR13	4680690	CHR13:4680690	SSF x Far_LoA	-9,658	0,114	0,273
CHR13	4680817	CHR13:4680817	SSF x Far_LoA	-8,660	-0,119	0,295
CHR13	4680822	CHR13:4680822	SSF x Far_LoA	-8,154	0,016	0,293
CHR13	4680886	CHR13:4680886	SSF x Far_LoA	-6,484	0,081	0,286
CHR13	4689908	CHR13:4689908	SSF x Far_LoA	-9,297	0,100	0,288
CHR13	4689922	CHR13:4689922	SSF x Far_LoA	-6,150	-0,068	0,275
CHR13	4689946	CHR13:4689946	SSF x Far_LoA	-10,193	-0,004	0,283
CHR13	4689959	CHR13:4689959	SSF x Far_LoA	-10,805	0,009	0,280
CHR13	4690038	CHR13:4690038	SSF x Far_LoA	-2,129	-0,040	0,287
CHR13	4690066	CHR13:4690066	SSF x Far_LoA	-10,599	-0,011	0,287
CHR13	4690070	CHR13:4690070	SSF x Far_LoA	-10,424	0,020	0,283
CHR13	4690086	CHR13:4690086	SSF x Far_LoA	-9,854	0,032	0,286
CHR13	4712281	CHR13:4712281	SSF x Far_LoA	-8,552	-0,002	0,318
CHR13	4714471	CHR13:4714471	SSF x Far_LoA	-4,752	-0,168	0,296
CHR13	4714489	CHR13:4714489	SSF x Far_LoA	-10,035	-0,080	0,297
CHR13	4714764	CHR13:4714764	SSF x Far_LoA	-9,458	-0,076	0,282
CHR13	4718935	CHR13:4718935	SSF x Far_LoA	-10,264	0,133	0,272
CHR13	4728153	CHR13:4728153	SSF x Far_LoA	-9,252	-0,032	0,289
CHR13	4728818	CHR13:4728818	SSF x Far_LoA	-7,849	0,183	0,280
CHR13	4729481	CHR13:4729481	SSF x Far_LoA	-8,825	-0,075	0,287
CHR13	4729505	CHR13:4729505	SSF x Far_LoA	-10,716	0,138	0,293
CHR13	4729550	CHR13:4729550	SSF x Far_LoA	-6,397	-0,160	0,287
CHR13	4738104	CHR13:4738104	SSF x Far_LoA	-11,511	-0,044	0,278
CHR13	4738201	CHR13:4738201	SSF x Far_LoA	-8,645	0,053	0,295
CHR13	4738303	CHR13:4738303	SSF x Far_LoA	-6,179	-0,165	0,282
CHR13	474672	CHR13:474672	SSF x Far_LoA	-6,411	0,099	0,294

CHR13	474763	CHR13:474763	SSF x Far_LoA	-10,867	0,090	0,283
CHR13	474850	CHR13:474850	SSF x Far_LoA	-2,418	0,060	0,296
CHR13	474910	CHR13:474910	SSF x Far_LoA	-6,193	-0,036	0,278
CHR13	4750770	CHR13:4750770	SSF x Far_LoA	-8,019	0,054	0,269
CHR13	4755913	CHR13:4755913	SSF x Far_LoA	-6,733	0,029	0,315
CHR13	4772862	CHR13:4772862	SSF x Far_LoA	-8,456	0,063	0,297
CHR13	4781337	CHR13:4781337	SSF x Far_LoA	-8,951	0,036	0,290
CHR13	4781584	CHR13:4781584	SSF x Far_LoA	-9,921	0,130	0,285
CHR13	480228	CHR13:480228	SSF x Far_LoA	-10,090	0,003	0,287
CHR13	4802865	CHR13:4802865	SSF x Far_LoA	-9,678	-0,027	0,305
CHR13	480318	CHR13:480318	SSF x Far_LoA	-11,431	-0,002	0,279
CHR13	480358	CHR13:480358	SSF x Far_LoA	-8,976	-0,067	0,293
CHR13	480468	CHR13:480468	SSF x Far_LoA	-4,514	0,010	0,301
CHR13	4815570	CHR13:4815570	SSF x Far_LoA	-11,362	-0,026	0,286
CHR13	4843320	CHR13:4843320	SSF x Far_LoA	-7,821	0,075	0,288
CHR13	4857653	CHR13:4857653	SSF x Far_LoA	-9,832	-0,093	0,291
CHR13	4868738	CHR13:4868738	SSF x Far_LoA	-8,818	-0,021	0,298
CHR13	504953	CHR13:504953	SSF x Far_LoA	-11,163	-0,002	0,297
CHR13	504999	CHR13:504999	SSF x Far_LoA	-10,279	-0,012	0,288
CHR13	505097	CHR13:505097	SSF x Far_LoA	-12,143	-0,010	0,282
CHR13	505106	CHR13:505106	SSF x Far_LoA	-7,654	0,064	0,307
CHR13	511182	CHR13:511182	SSF x Far_LoA	-10,065	0,090	0,286
CHR13	511187	CHR13:511187	SSF x Far_LoA	-8,840	0,123	0,284
CHR13	511200	CHR13:511200	SSF x Far_LoA	-11,352	-0,036	0,290
CHR13	511206	CHR13:511206	SSF x Far_LoA	-11,232	0,002	0,291
CHR13	511238	CHR13:511238	SSF x Far_LoA	-8,300	-0,076	0,292
CHR13	511314	CHR13:511314	SSF x Far_LoA	-10,505	-0,044	0,298
CHR13	525618	CHR13:525618	SSF x Far_LoA	-8,568	0,047	0,310
CHR13	5308493	CHR13:5308493	SSF x Far_LoA	-9,111	0,023	0,297
CHR13	5338437	CHR13:5338437	SSF x Far_LoA	-5,241	0,092	0,288
CHR13	5343046	CHR13:5343046	SSF x Far_LoA	-8,386	-0,088	0,295
CHR13	544857	CHR13:544857	SSF x Far_LoA	-9,033	0,105	0,287
CHR13	544880	CHR13:544880	SSF x Far_LoA	-10,456	0,001	0,291
CHR13	544891	CHR13:544891	SSF x Far_LoA	-6,404	0,111	0,296
CHR13	544935	CHR13:544935	SSF x Far_LoA	-11,666	-0,053	0,289
CHR13	545127	CHR13:545127	SSF x Far_LoA	-9,098	-0,034	0,308
CHR13	547588	CHR13:547588	SSF x Far_LoA	-11,334	-0,092	0,292
CHR13	560901	CHR13:560901	SSF x Far_LoA	-9,191	0,011	0,291
CHR13	560911	CHR13:560911	SSF x Far_LoA	-9,124	-0,010	0,293
CHR13	562359	CHR13:562359	SSF x Far_LoA	-6,081	-0,020	0,283
CHR13	562480	CHR13:562480	SSF x Far_LoA	-7,905	-0,099	0,288
CHR13	567862	CHR13:567862	SSF x Far_LoA	-11,714	0,032	0,290
CHR13	567891	CHR13:567891	SSF x Far_LoA	-9,862	-0,081	0,278
CHR13	567916	CHR13:567916	SSF x Far_LoA	-9,080	-0,083	0,280
CHR13	568054	CHR13:568054	SSF x Far_LoA	-11,164	-0,007	0,282
CHR13	568122	CHR13:568122	SSF x Far_LoA	-9,648	0,014	0,309
CHR13	577540	CHR13:577540	SSF x Far_LoA	-4,398	-0,144	0,297
CHR13	577594	CHR13:577594	SSF x Far_LoA	-9,150	-0,106	0,291
CHR13	584061	CHR13:584061	SSF x Far_LoA	-9,535	0,077	0,282
CHR13	584065	CHR13:584065	SSF x Far_LoA	-10,683	0,037	0,289
CHR13	584161	CHR13:584161	SSF x Far_LoA	-9,461	-0,090	0,296
CHR13	584210	CHR13:584210	SSF x Far_LoA	-10,300	0,016	0,305
CHR13	584250	CHR13:584250	SSF x Far_LoA	-8,358	-0,140	0,291

CHR13	584303	CHR13:584303	SSF x Far_LoA	-8,019	0,117	0,273
CHR13	5919905	CHR13:5919905	SSF x Far_LoA	-9,577	-0,037	0,312
CHR13	5928951	CHR13:5928951	SSF x Far_LoA	-9,403	-0,019	0,293
CHR13	5947695	CHR13:5947695	SSF x Far_LoA	-9,198	-0,139	0,304
CHR13	5947890	CHR13:5947890	SSF x Far_LoA	-10,730	-0,081	0,290
CHR13	5947941	CHR13:5947941	SSF x Far_LoA	-10,384	0,006	0,285
CHR13	5948017	CHR13:5948017	SSF x Far_LoA	-10,451	-0,049	0,284
CHR13	5967661	CHR13:5967661	SSF x Far_LoA	-9,969	-0,093	0,273
CHR13	5967703	CHR13:5967703	SSF x Far_LoA	-6,904	-0,103	0,271
CHR13	5967777	CHR13:5967777	SSF x Far_LoA	-7,301	-0,068	0,279
CHR13	5976526	CHR13:5976526	SSF x Far_LoA	-6,795	-0,031	0,285
CHR13	5976585	CHR13:5976585	SSF x Far_LoA	-8,672	0,027	0,278
CHR13	5985176	CHR13:5985176	SSF x Far_LoA	-11,277	-0,018	0,278
CHR13	5985256	CHR13:5985256	SSF x Far_LoA	-10,397	-0,022	0,295
CHR13	5995584	CHR13:5995584	SSF x Far_LoA	-7,802	0,090	0,293
CHR13	6005693	CHR13:6005693	SSF x Far_LoA	-11,524	-0,063	0,279
CHR13	6005714	CHR13:6005714	SSF x Far_LoA	-7,180	0,135	0,305
CHR13	6010797	CHR13:6010797	SSF x Far_LoA	-11,477	0,030	0,282
CHR13	6010829	CHR13:6010829	SSF x Far_LoA	-4,349	0,046	0,284
CHR13	6012292	CHR13:6012292	SSF x Far_LoA	-8,656	0,072	0,291
CHR13	6012462	CHR13:6012462	SSF x Far_LoA	-8,462	-0,034	0,293
CHR13	6012510	CHR13:6012510	SSF x Far_LoA	-9,050	-0,061	0,287
CHR13	6031807	CHR13:6031807	SSF x Far_LoA	-9,539	0,135	0,280
CHR13	603642	CHR13:603642	SSF x Far_LoA	-8,497	0,038	0,282
CHR13	603690	CHR13:603690	SSF x Far_LoA	-10,598	-0,041	0,303
CHR13	603730	CHR13:603730	SSF x Far_LoA	-5,825	0,180	0,280
CHR13	6037423	CHR13:6037423	SSF x Far_LoA	-8,546	-0,135	0,291
CHR13	603805	CHR13:603805	SSF x Far_LoA	-8,470	0,079	0,293
CHR13	603887	CHR13:603887	SSF x Far_LoA	-6,737	-0,134	0,286
CHR13	6044531	CHR13:6044531	SSF x Far_LoA	-11,685	0,018	0,297
CHR13	6044930	CHR13:6044930	SSF x Far_LoA	-8,936	-0,093	0,293
CHR13	605548	CHR13:605548	SSF x Far_LoA	-9,997	0,079	0,291
CHR13	605613	CHR13:605613	SSF x Far_LoA	-8,568	-0,068	0,284
CHR13	605617	CHR13:605617	SSF x Far_LoA	-6,551	-0,116	0,294
CHR13	605678	CHR13:605678	SSF x Far_LoA	-12,006	0,025	0,276
CHR13	605780	CHR13:605780	SSF x Far_LoA	-8,585	-0,094	0,310
CHR13	6058327	CHR13:6058327	SSF x Far_LoA	-7,417	-0,105	0,295
CHR13	6058461	CHR13:6058461	SSF x Far_LoA	-11,184	-0,052	0,294
CHR13	6058538	CHR13:6058538	SSF x Far_LoA	-12,001	-0,050	0,288
CHR13	6064310	CHR13:6064310	SSF x Far_LoA	-9,271	-0,090	0,282
CHR13	6064375	CHR13:6064375	SSF x Far_LoA	-11,091	0,026	0,288
CHR13	6064443	CHR13:6064443	SSF x Far_LoA	-10,295	0,021	0,299
CHR13	6064517	CHR13:6064517	SSF x Far_LoA	-9,190	0,029	0,287
CHR13	6064522	CHR13:6064522	SSF x Far_LoA	-9,196	-0,002	0,278
CHR13	6064524	CHR13:6064524	SSF x Far_LoA	-8,749	0,014	0,289
CHR13	6071803	CHR13:6071803	SSF x Far_LoA	-9,110	-0,053	0,312
CHR13	6071916	CHR13:6071916	SSF x Far_LoA	-9,457	-0,001	0,295
CHR13	6071976	CHR13:6071976	SSF x Far_LoA	-8,598	-0,017	0,306
CHR13	6071978	CHR13:6071978	SSF x Far_LoA	-11,080	-0,031	0,298
CHR13	6092160	CHR13:6092160	SSF x Far_LoA	-11,172	-0,100	0,287
CHR13	6092245	CHR13:6092245	SSF x Far_LoA	-8,748	-0,112	0,303
CHR13	6127601	CHR13:6127601	SSF x Far_LoA	-10,011	0,060	0,301
CHR13	6127631	CHR13:6127631	SSF x Far_LoA	-8,424	0,037	0,286

CHR13	6132187	CHR13:6132187	SSF x Far_LoA	-8,491	-0,026	0,293
CHR13	6140797	CHR13:6140797	SSF x Far_LoA	-9,410	0,101	0,294
CHR13	6140800	CHR13:6140800	SSF x Far_LoA	-11,325	-0,035	0,284
CHR13	6140822	CHR13:6140822	SSF x Far_LoA	-3,260	-0,062	0,297
CHR13	6140874	CHR13:6140874	SSF x Far_LoA	-11,076	-0,065	0,294
CHR13	6140875	CHR13:6140875	SSF x Far_LoA	-11,914	-0,081	0,288
CHR13	6140942	CHR13:6140942	SSF x Far_LoA	-9,808	0,005	0,293
CHR13	6142391	CHR13:6142391	SSF x Far_LoA	-10,391	0,003	0,294
CHR13	6142492	CHR13:6142492	SSF x Far_LoA	-7,409	0,098	0,297
CHR13	6144761	CHR13:6144761	SSF x Far_LoA	-12,606	0,046	0,282
CHR13	6148437	CHR13:6148437	SSF x Far_LoA	-10,859	-0,012	0,288
CHR13	6148525	CHR13:6148525	SSF x Far_LoA	-8,984	-0,001	0,301
CHR13	6161487	CHR13:6161487	SSF x Far_LoA	-10,885	-0,138	0,271
CHR13	6170704	CHR13:6170704	SSF x Far_LoA	-11,861	0,071	0,279
CHR13	6170800	CHR13:6170800	SSF x Far_LoA	-10,181	-0,066	0,287
CHR13	6174033	CHR13:6174033	SSF x Far_LoA	-11,251	-0,011	0,272
CHR13	6174140	CHR13:6174140	SSF x Far_LoA	-8,067	-0,105	0,289
CHR13	6174213	CHR13:6174213	SSF x Far_LoA	-8,940	-0,098	0,298
CHR13	6174218	CHR13:6174218	SSF x Far_LoA	-0,962	-0,162	0,285
CHR13	6216915	CHR13:6216915	SSF x Far_LoA	-8,940	0,076	0,295
CHR13	6216941	CHR13:6216941	SSF x Far_LoA	-11,457	0,006	0,287
CHR13	621699	CHR13:621699	SSF x Far_LoA	-9,409	-0,061	0,288
CHR13	622375	CHR13:622375	SSF x Far_LoA	-10,230	-0,093	0,295
CHR13	623812	CHR13:623812	SSF x Far_LoA	-10,262	0,108	0,291
CHR13	623870	CHR13:623870	SSF x Far_LoA	-11,079	0,035	0,289
CHR13	623876	CHR13:623876	SSF x Far_LoA	-8,323	0,095	0,291
CHR13	623983	CHR13:623983	SSF x Far_LoA	-8,490	0,029	0,291
CHR13	623991	CHR13:623991	SSF x Far_LoA	-5,126	-0,113	0,271
CHR13	624019	CHR13:624019	SSF x Far_LoA	-8,079	0,188	0,290
CHR13	624027	CHR13:624027	SSF x Far_LoA	5,425	0,191	0,268
CHR13	6253630	CHR13:6253630	SSF x Far_LoA	-8,079	0,063	0,281
CHR13	6253673	CHR13:6253673	SSF x Far_LoA	-8,964	0,060	0,276
CHR13	6253851	CHR13:6253851	SSF x Far_LoA	-11,404	-0,011	0,300
CHR13	6296155	CHR13:6296155	SSF x Far_LoA	-9,958	0,076	0,283
CHR13	6305114	CHR13:6305114	SSF x Far_LoA	-8,809	0,058	0,294
CHR13	6305143	CHR13:6305143	SSF x Far_LoA	-9,348	0,085	0,293
CHR13	6305212	CHR13:6305212	SSF x Far_LoA	-8,544	-0,094	0,311
CHR13	632217	CHR13:632217	SSF x Far_LoA	-10,399	0,131	0,286
CHR13	632221	CHR13:632221	SSF x Far_LoA	-4,807	-0,115	0,301
CHR13	632292	CHR13:632292	SSF x Far_LoA	-7,478	-0,050	0,295
CHR13	632296	CHR13:632296	SSF x Far_LoA	-4,977	-0,051	0,288
CHR13	632301	CHR13:632301	SSF x Far_LoA	-8,592	0,053	0,273
CHR13	632316	CHR13:632316	SSF x Far_LoA	-8,519	-0,074	0,294
CHR13	632812	CHR13:632812	SSF x Far_LoA	-8,867	-0,041	0,273
CHR13	6350027	CHR13:6350027	SSF x Far_LoA	-7,212	-0,185	0,274
CHR13	6350047	CHR13:6350047	SSF x Far_LoA	-8,518	-0,071	0,302
CHR13	6350097	CHR13:6350097	SSF x Far_LoA	-7,703	-0,144	0,279
CHR13	6350314	CHR13:6350314	SSF x Far_LoA	-9,944	-0,013	0,282
CHR13	636842	CHR13:636842	SSF x Far_LoA	-8,371	-0,070	0,288
CHR13	636852	CHR13:636852	SSF x Far_LoA	-10,342	-0,037	0,288
CHR13	641387	CHR13:641387	SSF x Far_LoA	-8,335	-0,100	0,294
CHR13	641397	CHR13:641397	SSF x Far_LoA	-8,649	-0,083	0,305
CHR13	641466	CHR13:641466	SSF x Far_LoA	-10,654	-0,074	0,286

CHR13	6416165	CHR13:6416165	SSF x Far_LoA	-10,447	-0,008	0,287
CHR13	6417693	CHR13:6417693	SSF x Far_LoA	-6,081	-0,057	0,291
CHR13	6418897	CHR13:6418897	SSF x Far_LoA	-10,811	-0,023	0,306
CHR13	6418927	CHR13:6418927	SSF x Far_LoA	-9,341	-0,016	0,300
CHR13	642214	CHR13:642214	SSF x Far_LoA	-8,925	0,112	0,292
CHR13	6422891	CHR13:6422891	SSF x Far_LoA	-8,144	0,002	0,293
CHR13	6423000	CHR13:6423000	SSF x Far_LoA	-6,802	-0,047	0,286
CHR13	6423021	CHR13:6423021	SSF x Far_LoA	-11,207	-0,012	0,278
CHR13	6423038	CHR13:6423038	SSF x Far_LoA	-12,476	0,031	0,296
CHR13	6424231	CHR13:6424231	SSF x Far_LoA	-10,458	-0,011	0,292
CHR13	6424395	CHR13:6424395	SSF x Far_LoA	-8,267	-0,204	0,290
CHR13	6424447	CHR13:6424447	SSF x Far_LoA	-11,576	0,077	0,298
CHR13	6428033	CHR13:6428033	SSF x Far_LoA	-6,588	-0,034	0,296
CHR13	6428050	CHR13:6428050	SSF x Far_LoA	-6,840	-0,112	0,296
CHR13	6432902	CHR13:6432902	SSF x Far_LoA	-7,530	0,122	0,288
CHR13	6432946	CHR13:6432946	SSF x Far_LoA	-10,299	0,013	0,308
CHR13	6433044	CHR13:6433044	SSF x Far_LoA	-8,563	0,089	0,285
CHR13	6433046	CHR13:6433046	SSF x Far_LoA	-10,030	0,081	0,308
CHR13	6435143	CHR13:6435143	SSF x Far_LoA	-9,237	0,074	0,295
CHR13	6443901	CHR13:6443901	SSF x Far_LoA	-11,302	-0,060	0,284
CHR13	6443998	CHR13:6443998	SSF x Far_LoA	-8,821	0,118	0,269
CHR13	6444003	CHR13:6444003	SSF x Far_LoA	-8,105	0,120	0,281
CHR13	6444023	CHR13:6444023	SSF x Far_LoA	-7,127	0,134	0,266
CHR13	6454750	CHR13:6454750	SSF x Far_LoA	-10,126	-0,049	0,290
CHR13	6455080	CHR13:6455080	SSF x Far_LoA	-10,962	-0,042	0,286
CHR13	6455098	CHR13:6455098	SSF x Far_LoA	-10,986	-0,042	0,275
CHR13	6455127	CHR13:6455127	SSF x Far_LoA	-10,219	-0,051	0,305
CHR13	6455128	CHR13:6455128	SSF x Far_LoA	-10,782	-0,048	0,295
CHR13	6456625	CHR13:6456625	SSF x Far_LoA	-9,845	0,187	0,288
CHR13	6456697	CHR13:6456697	SSF x Far_LoA	-11,764	0,001	0,285
CHR13	6456703	CHR13:6456703	SSF x Far_LoA	-11,029	-0,006	0,287
CHR13	6475622	CHR13:6475622	SSF x Far_LoA	-8,379	-0,050	0,301
CHR13	6483405	CHR13:6483405	SSF x Far_LoA	-10,769	0,054	0,293
CHR13	6499542	CHR13:6499542	SSF x Far_LoA	-11,331	0,029	0,287
CHR13	6499639	CHR13:6499639	SSF x Far_LoA	-10,918	0,019	0,291
CHR13	6499653	CHR13:6499653	SSF x Far_LoA	-10,631	0,036	0,292
CHR13	6499688	CHR13:6499688	SSF x Far_LoA	-10,194	-0,086	0,282
CHR13	6499709	CHR13:6499709	SSF x Far_LoA	-10,359	0,016	0,292
CHR13	6499711	CHR13:6499711	SSF x Far_LoA	-5,495	0,034	0,280
CHR13	6499745	CHR13:6499745	SSF x Far_LoA	-10,868	-0,009	0,291
CHR13	6499855	CHR13:6499855	SSF x Far_LoA	-8,713	-0,061	0,299
CHR13	650334	CHR13:650334	SSF x Far_LoA	-9,588	0,040	0,289
CHR13	650362	CHR13:650362	SSF x Far_LoA	-11,832	-0,009	0,288
CHR13	650477	CHR13:650477	SSF x Far_LoA	-10,872	0,034	0,291
CHR13	650552	CHR13:650552	SSF x Far_LoA	-8,105	-0,054	0,303
CHR13	6513633	CHR13:6513633	SSF x Far_LoA	-8,880	-0,054	0,303
CHR13	6513639	CHR13:6513639	SSF x Far_LoA	-10,169	-0,083	0,298
CHR13	6513898	CHR13:6513898	SSF x Far_LoA	-9,054	-0,046	0,296
CHR13	6513930	CHR13:6513930	SSF x Far_LoA	-8,434	0,120	0,286
CHR13	6514056	CHR13:6514056	SSF x Far_LoA	-8,084	0,018	0,291
CHR13	6519944	CHR13:6519944	SSF x Far_LoA	-9,978	-0,063	0,292
CHR13	6519996	CHR13:6519996	SSF x Far_LoA	-7,585	0,125	0,287
CHR13	6520066	CHR13:6520066	SSF x Far_LoA	-9,496	0,079	0,294

CHR13	6520093	CHR13:6520093	SSF x Far_LoA	-5,153	0,136	0,288
CHR13	6520832	CHR13:6520832	SSF x Far_LoA	-10,631	-0,013	0,296
CHR13	6520843	CHR13:6520843	SSF x Far_LoA	-7,894	0,007	0,291
CHR13	6520857	CHR13:6520857	SSF x Far_LoA	-11,141	-0,001	0,298
CHR13	6520859	CHR13:6520859	SSF x Far_LoA	-8,239	-0,036	0,296
CHR13	6520881	CHR13:6520881	SSF x Far_LoA	-11,064	-0,056	0,286
CHR13	6520900	CHR13:6520900	SSF x Far_LoA	-8,111	-0,105	0,285
CHR13	6520912	CHR13:6520912	SSF x Far_LoA	-9,509	-0,034	0,305
CHR13	6535039	CHR13:6535039	SSF x Far_LoA	-9,193	-0,083	0,288
CHR13	6535078	CHR13:6535078	SSF x Far_LoA	-9,803	-0,096	0,288
CHR13	6535162	CHR13:6535162	SSF x Far_LoA	-11,361	-0,070	0,284
CHR13	6535247	CHR13:6535247	SSF x Far_LoA	-8,751	-0,103	0,296
CHR13	6537062	CHR13:6537062	SSF x Far_LoA	-9,641	-0,113	0,289
CHR13	6537076	CHR13:6537076	SSF x Far_LoA	-10,493	0,013	0,282
CHR13	6537109	CHR13:6537109	SSF x Far_LoA	-10,729	0,074	0,277
CHR13	6541320	CHR13:6541320	SSF x Far_LoA	-9,945	0,059	0,277
CHR13	6550776	CHR13:6550776	SSF x Far_LoA	-8,868	-0,023	0,286
CHR13	6551085	CHR13:6551085	SSF x Far_LoA	-8,900	0,003	0,263
CHR13	6551131	CHR13:6551131	SSF x Far_LoA	-9,159	0,051	0,268
CHR13	6565102	CHR13:6565102	SSF x Far_LoA	-10,303	-0,005	0,297
CHR13	656930	CHR13:656930	SSF x Far_LoA	-11,859	-0,079	0,298
CHR13	656938	CHR13:656938	SSF x Far_LoA	-9,086	-0,060	0,278
CHR13	657115	CHR13:657115	SSF x Far_LoA	-10,864	-0,037	0,292
CHR13	657134	CHR13:657134	SSF x Far_LoA	-8,759	0,026	0,296
CHR13	6581992	CHR13:6581992	SSF x Far_LoA	-11,929	0,015	0,280
CHR13	6585250	CHR13:6585250	SSF x Far_LoA	-9,356	-0,089	0,287
CHR13	6585290	CHR13:6585290	SSF x Far_LoA	-9,248	-0,050	0,307
CHR13	6585374	CHR13:6585374	SSF x Far_LoA	-8,093	-0,024	0,288
CHR13	6585379	CHR13:6585379	SSF x Far_LoA	-7,024	0,025	0,274
CHR13	6585398	CHR13:6585398	SSF x Far_LoA	-8,444	0,008	0,278
CHR13	6585400	CHR13:6585400	SSF x Far_LoA	-8,537	0,029	0,276
CHR13	6585507	CHR13:6585507	SSF x Far_LoA	-9,615	0,003	0,284
CHR13	6585645	CHR13:6585645	SSF x Far_LoA	-8,491	0,037	0,285
CHR13	6638542	CHR13:6638542	SSF x Far_LoA	-10,494	0,015	0,289
CHR13	6638912	CHR13:6638912	SSF x Far_LoA	-9,923	0,141	0,278
CHR13	6644173	CHR13:6644173	SSF x Far_LoA	-9,729	0,085	0,281
CHR13	6652819	CHR13:6652819	SSF x Far_LoA	-8,964	0,073	0,269
CHR13	6652823	CHR13:6652823	SSF x Far_LoA	-8,704	-0,096	0,276
CHR13	6652855	CHR13:6652855	SSF x Far_LoA	-7,570	0,033	0,298
CHR13	6652857	CHR13:6652857	SSF x Far_LoA	-9,477	0,030	0,283
CHR13	6652893	CHR13:6652893	SSF x Far_LoA	-9,037	-0,031	0,304
CHR13	6652900	CHR13:6652900	SSF x Far_LoA	-10,762	0,054	0,294
CHR13	6652953	CHR13:6652953	SSF x Far_LoA	-9,887	0,063	0,286
CHR13	6652981	CHR13:6652981	SSF x Far_LoA	-10,399	-0,065	0,290
CHR13	6654140	CHR13:6654140	SSF x Far_LoA	-9,631	-0,038	0,317
CHR13	6654360	CHR13:6654360	SSF x Far_LoA	-5,159	-0,165	0,292
CHR13	6654368	CHR13:6654368	SSF x Far_LoA	-5,314	0,178	0,276
CHR13	6662230	CHR13:6662230	SSF x Far_LoA	-7,033	0,049	0,294
CHR13	6662306	CHR13:6662306	SSF x Far_LoA	-7,674	0,167	0,279
CHR13	6662380	CHR13:6662380	SSF x Far_LoA	-10,281	-0,032	0,293
CHR13	6663769	CHR13:6663769	SSF x Far_LoA	-9,477	0,031	0,291
CHR13	6663822	CHR13:6663822	SSF x Far_LoA	-4,556	-0,130	0,305
CHR13	6663828	CHR13:6663828	SSF x Far_LoA	-8,918	-0,034	0,301

CHR13	6663873	CHR13:6663873	SSF x Far_LoA	-9,384	-0,034	0,292
CHR13	6663891	CHR13:6663891	SSF x Far_LoA	-9,169	0,046	0,293
CHR13	6663969	CHR13:6663969	SSF x Far_LoA	-8,582	-0,035	0,296
CHR13	6664037	CHR13:6664037	SSF x Far_LoA	-8,719	-0,018	0,306
CHR13	6674070	CHR13:6674070	SSF x Far_LoA	-7,088	-0,152	0,281
CHR13	6674121	CHR13:6674121	SSF x Far_LoA	-7,361	-0,187	0,275
CHR13	6685006	CHR13:6685006	SSF x Far_LoA	-7,686	-0,043	0,287
CHR13	6685060	CHR13:6685060	SSF x Far_LoA	-11,170	-0,096	0,283
CHR13	6685113	CHR13:6685113	SSF x Far_LoA	-5,218	0,245	0,288
CHR13	6685153	CHR13:6685153	SSF x Far_LoA	-8,168	0,157	0,284
CHR13	6692327	CHR13:6692327	SSF x Far_LoA	-10,636	-0,022	0,287
CHR13	6692343	CHR13:6692343	SSF x Far_LoA	-11,193	0,055	0,286
CHR13	6704437	CHR13:6704437	SSF x Far_LoA	-10,484	0,006	0,301
CHR13	6704599	CHR13:6704599	SSF x Far_LoA	-8,263	0,028	0,302
CHR13	6718985	CHR13:6718985	SSF x Far_LoA	-7,909	0,046	0,284
CHR13	6718986	CHR13:6718986	SSF x Far_LoA	-8,897	0,109	0,293
CHR13	6743684	CHR13:6743684	SSF x Far_LoA	-8,722	-0,004	0,298
CHR13	6747499	CHR13:6747499	SSF x Far_LoA	-9,861	0,061	0,291
CHR13	6747746	CHR13:6747746	SSF x Far_LoA	-4,028	0,259	0,259
CHR13	6747851	CHR13:6747851	SSF x Far_LoA	-8,639	0,038	0,308
CHR13	6747866	CHR13:6747866	SSF x Far_LoA	-6,441	-0,163	0,295
CHR13	6747868	CHR13:6747868	SSF x Far_LoA	-6,427	-0,160	0,294
CHR13	6752925	CHR13:6752925	SSF x Far_LoA	-7,795	-0,066	0,290
CHR13	6752958	CHR13:6752958	SSF x Far_LoA	-3,105	0,122	0,279
CHR13	6753003	CHR13:6753003	SSF x Far_LoA	-8,280	0,138	0,280
CHR13	6756715	CHR13:6756715	SSF x Far_LoA	-10,262	-0,038	0,305
CHR13	6756725	CHR13:6756725	SSF x Far_LoA	-9,619	-0,084	0,292
CHR13	6759180	CHR13:6759180	SSF x Far_LoA	-12,199	-0,068	0,291
CHR13	6763648	CHR13:6763648	SSF x Far_LoA	-11,229	-0,030	0,291
CHR13	6763673	CHR13:6763673	SSF x Far_LoA	-9,991	-0,087	0,299
CHR13	6763768	CHR13:6763768	SSF x Far_LoA	-9,205	-0,092	0,291
CHR13	6763821	CHR13:6763821	SSF x Far_LoA	-7,851	0,066	0,295
CHR13	6763897	CHR13:6763897	SSF x Far_LoA	-9,708	0,091	0,281
CHR13	6764061	CHR13:6764061	SSF x Far_LoA	-11,128	-0,010	0,284
CHR13	6764125	CHR13:6764125	SSF x Far_LoA	-10,013	-0,063	0,298
CHR13	6774442	CHR13:6774442	SSF x Far_LoA	-8,939	0,130	0,281
CHR13	6777658	CHR13:6777658	SSF x Far_LoA	-12,347	0,068	0,277
CHR13	6777730	CHR13:6777730	SSF x Far_LoA	-5,227	0,119	0,293
CHR13	6777745	CHR13:6777745	SSF x Far_LoA	-8,416	0,092	0,289
CHR13	6777820	CHR13:6777820	SSF x Far_LoA	-9,753	-0,047	0,294
CHR13	6777879	CHR13:6777879	SSF x Far_LoA	-11,422	-0,043	0,284
CHR13	6777886	CHR13:6777886	SSF x Far_LoA	-5,484	-0,051	0,289
CHR13	6785801	CHR13:6785801	SSF x Far_LoA	-6,689	-0,078	0,293
CHR13	6785814	CHR13:6785814	SSF x Far_LoA	-8,916	0,089	0,295
CHR13	6799138	CHR13:6799138	SSF x Far_LoA	-6,133	-0,042	0,291
CHR13	6799250	CHR13:6799250	SSF x Far_LoA	-10,710	-0,133	0,288
CHR13	6801824	CHR13:6801824	SSF x Far_LoA	-11,359	0,067	0,299
CHR13	6801896	CHR13:6801896	SSF x Far_LoA	-5,297	0,025	0,301
CHR13	6801939	CHR13:6801939	SSF x Far_LoA	-10,402	0,035	0,288
CHR13	6802106	CHR13:6802106	SSF x Far_LoA	-6,722	0,084	0,287
CHR13	6807965	CHR13:6807965	SSF x Far_LoA	-11,175	-0,029	0,291
CHR13	6825857	CHR13:6825857	SSF x Far_LoA	-11,174	-0,021	0,292
CHR13	6837580	CHR13:6837580	SSF x Far_LoA	-9,378	0,056	0,296

CHR13	684306	CHR13:684306	SSF x Far_LoA	-10,193	0,038	0,300
CHR13	684397	CHR13:684397	SSF x Far_LoA	-8,146	0,130	0,286
CHR13	684454	CHR13:684454	SSF x Far_LoA	-10,275	0,034	0,292
CHR13	684475	CHR13:684475	SSF x Far_LoA	-8,681	-0,044	0,280
CHR13	684535	CHR13:684535	SSF x Far_LoA	-10,354	-0,069	0,278
CHR13	6858957	CHR13:6858957	SSF x Far_LoA	-8,709	0,052	0,307
CHR13	6868787	CHR13:6868787	SSF x Far_LoA	-10,284	-0,032	0,296
CHR13	6874315	CHR13:6874315	SSF x Far_LoA	-9,681	0,053	0,297
CHR13	6874317	CHR13:6874317	SSF x Far_LoA	-9,378	-0,096	0,291
CHR13	6878793	CHR13:6878793	SSF x Far_LoA	-6,849	-0,101	0,293
CHR13	6886294	CHR13:6886294	SSF x Far_LoA	-10,253	-0,111	0,289
CHR13	6886503	CHR13:6886503	SSF x Far_LoA	-8,932	0,066	0,301
CHR13	6886549	CHR13:6886549	SSF x Far_LoA	-9,903	0,120	0,273
CHR13	6892082	CHR13:6892082	SSF x Far_LoA	-9,250	0,038	0,306
CHR13	6892084	CHR13:6892084	SSF x Far_LoA	-8,382	-0,119	0,283
CHR13	6892108	CHR13:6892108	SSF x Far_LoA	-5,170	-0,133	0,283
CHR13	6892203	CHR13:6892203	SSF x Far_LoA	-8,682	0,092	0,303
CHR13	6892327	CHR13:6892327	SSF x Far_LoA	-9,223	-0,011	0,292
CHR13	6897833	CHR13:6897833	SSF x Far_LoA	-9,168	0,068	0,293
CHR13	6897951	CHR13:6897951	SSF x Far_LoA	-11,846	-0,076	0,285
CHR13	6923449	CHR13:6923449	SSF x Far_LoA	-9,129	0,172	0,275
CHR13	6924179	CHR13:6924179	SSF x Far_LoA	-6,475	-0,087	0,297
CHR13	6933031	CHR13:6933031	SSF x Far_LoA	-9,089	-0,124	0,272
CHR13	6937206	CHR13:6937206	SSF x Far_LoA	-10,687	-0,041	0,286
CHR13	696221	CHR13:696221	SSF x Far_LoA	-11,639	0,043	0,284
CHR13	696271	CHR13:696271	SSF x Far_LoA	-6,181	0,024	0,297
CHR13	696274	CHR13:696274	SSF x Far_LoA	-9,717	-0,024	0,305
CHR13	6963226	CHR13:6963226	SSF x Far_LoA	-9,500	-0,052	0,290
CHR13	696362	CHR13:696362	SSF x Far_LoA	-11,279	0,059	0,285
CHR13	696384	CHR13:696384	SSF x Far_LoA	-11,089	-0,010	0,289
CHR13	696403	CHR13:696403	SSF x Far_LoA	-8,825	0,000	0,308
CHR13	696445	CHR13:696445	SSF x Far_LoA	-11,157	0,045	0,287
CHR13	696466	CHR13:696466	SSF x Far_LoA	-9,094	0,054	0,284
CHR13	6965621	CHR13:6965621	SSF x Far_LoA	-11,104	0,025	0,281
CHR13	6965636	CHR13:6965636	SSF x Far_LoA	-10,167	-0,070	0,282
CHR13	6965691	CHR13:6965691	SSF x Far_LoA	-9,452	0,003	0,260
CHR13	6984164	CHR13:6984164	SSF x Far_LoA	-9,013	-0,003	0,285
CHR13	6984168	CHR13:6984168	SSF x Far_LoA	-6,850	-0,021	0,288
CHR13	7007457	CHR13:7007457	SSF x Far_LoA	-12,099	-0,029	0,279
CHR13	7007639	CHR13:7007639	SSF x Far_LoA	-11,283	-0,008	0,278
CHR13	7012423	CHR13:7012423	SSF x Far_LoA	-9,494	0,128	0,278
CHR13	7012640	CHR13:7012640	SSF x Far_LoA	-10,742	0,043	0,288
CHR13	7014749	CHR13:7014749	SSF x Far_LoA	-9,089	-0,048	0,289
CHR13	701644	CHR13:701644	SSF x Far_LoA	-9,272	0,182	0,285
CHR13	7019511	CHR13:7019511	SSF x Far_LoA	-10,487	-0,025	0,305
CHR13	7019513	CHR13:7019513	SSF x Far_LoA	-6,697	0,128	0,296
CHR13	7019559	CHR13:7019559	SSF x Far_LoA	-8,251	0,001	0,306
CHR13	7019564	CHR13:7019564	SSF x Far_LoA	-3,411	0,059	0,296
CHR13	7019573	CHR13:7019573	SSF x Far_LoA	-9,605	0,048	0,289
CHR13	7019586	CHR13:7019586	SSF x Far_LoA	-7,725	-0,046	0,299
CHR13	7019589	CHR13:7019589	SSF x Far_LoA	-9,389	-0,039	0,295
CHR13	7019619	CHR13:7019619	SSF x Far_LoA	-8,017	0,076	0,296
CHR13	7019702	CHR13:7019702	SSF x Far_LoA	-10,861	-0,085	0,281

CHR13	7019761	CHR13:7019761	SSF x Far_LoA	-8,818	-0,138	0,281
CHR13	7019776	CHR13:7019776	SSF x Far_LoA	-11,024	0,026	0,291
CHR13	7019837	CHR13:7019837	SSF x Far_LoA	-10,648	0,046	0,294
CHR13	7019855	CHR13:7019855	SSF x Far_LoA	-8,297	0,049	0,305
CHR13	7019885	CHR13:7019885	SSF x Far_LoA	-9,684	0,050	0,294
CHR13	7019893	CHR13:7019893	SSF x Far_LoA	-8,456	0,014	0,294
CHR13	7022006	CHR13:7022006	SSF x Far_LoA	-10,805	0,044	0,289
CHR13	7022246	CHR13:7022246	SSF x Far_LoA	-10,151	-0,088	0,290
CHR13	7030074	CHR13:7030074	SSF x Far_LoA	-11,910	-0,040	0,297
CHR13	7037973	CHR13:7037973	SSF x Far_LoA	-11,198	-0,054	0,290
CHR13	7049073	CHR13:7049073	SSF x Far_LoA	-11,217	-0,060	0,293
CHR13	7054215	CHR13:7054215	SSF x Far_LoA	-8,807	0,033	0,296
CHR13	7054273	CHR13:7054273	SSF x Far_LoA	-9,725	0,131	0,288
CHR13	7064950	CHR13:7064950	SSF x Far_LoA	-11,970	-0,029	0,286
CHR13	7065049	CHR13:7065049	SSF x Far_LoA	-10,269	-0,006	0,289
CHR13	710984	CHR13:710984	SSF x Far_LoA	-8,099	-0,075	0,298
CHR13	711064	CHR13:711064	SSF x Far_LoA	-7,869	-0,016	0,284
CHR13	711081	CHR13:711081	SSF x Far_LoA	-8,488	-0,020	0,293
CHR13	711127	CHR13:711127	SSF x Far_LoA	-9,024	0,036	0,300
CHR13	711143	CHR13:711143	SSF x Far_LoA	-8,852	0,079	0,296
CHR13	711151	CHR13:711151	SSF x Far_LoA	-9,167	-0,053	0,285
CHR13	711162	CHR13:711162	SSF x Far_LoA	-7,094	0,124	0,290
CHR13	711182	CHR13:711182	SSF x Far_LoA	-10,518	0,112	0,278
CHR13	7114775	CHR13:7114775	SSF x Far_LoA	-4,173	-0,080	0,300
CHR13	7114787	CHR13:7114787	SSF x Far_LoA	-9,765	0,016	0,287
CHR13	7114960	CHR13:7114960	SSF x Far_LoA	-8,582	-0,012	0,299
CHR13	7144033	CHR13:7144033	SSF x Far_LoA	-10,023	-0,041	0,294
CHR13	7175599	CHR13:7175599	SSF x Far_LoA	-9,599	0,167	0,286
CHR13	7175739	CHR13:7175739	SSF x Far_LoA	-10,948	-0,067	0,274
CHR13	7175750	CHR13:7175750	SSF x Far_LoA	-10,371	-0,027	0,294
CHR13	7175777	CHR13:7175777	SSF x Far_LoA	-11,375	-0,027	0,311
CHR13	7190110	CHR13:7190110	SSF x Far_LoA	-5,933	-0,005	0,287
CHR13	7190259	CHR13:7190259	SSF x Far_LoA	-9,637	-0,016	0,278
CHR13	7196399	CHR13:7196399	SSF x Far_LoA	-10,588	0,073	0,297
CHR13	7196435	CHR13:7196435	SSF x Far_LoA	-10,316	-0,049	0,294
CHR13	7222556	CHR13:7222556	SSF x Far_LoA	-8,962	-0,130	0,284
CHR13	7222638	CHR13:7222638	SSF x Far_LoA	-8,814	-0,007	0,288
CHR13	7225579	CHR13:7225579	SSF x Far_LoA	-7,758	0,067	0,289
CHR13	7225626	CHR13:7225626	SSF x Far_LoA	-9,253	-0,012	0,304
CHR13	7225627	CHR13:7225627	SSF x Far_LoA	-8,511	-0,011	0,303
CHR13	7234494	CHR13:7234494	SSF x Far_LoA	-11,129	0,031	0,293
CHR13	7234547	CHR13:7234547	SSF x Far_LoA	-7,520	-0,036	0,277
CHR13	7234640	CHR13:7234640	SSF x Far_LoA	-8,622	-0,011	0,295
CHR13	7234698	CHR13:7234698	SSF x Far_LoA	-9,157	-0,036	0,292
CHR13	7244519	CHR13:7244519	SSF x Far_LoA	-11,681	0,035	0,292
CHR13	7244597	CHR13:7244597	SSF x Far_LoA	-10,053	0,060	0,292
CHR13	7244601	CHR13:7244601	SSF x Far_LoA	-8,539	0,067	0,298
CHR13	7263538	CHR13:7263538	SSF x Far_LoA	-9,918	-0,028	0,300
CHR13	7263549	CHR13:7263549	SSF x Far_LoA	-10,884	-0,046	0,293
CHR13	7274834	CHR13:7274834	SSF x Far_LoA	-11,230	0,058	0,289
CHR13	7274916	CHR13:7274916	SSF x Far_LoA	-9,698	-0,104	0,283
CHR13	7283338	CHR13:7283338	SSF x Far_LoA	-9,143	0,013	0,285
CHR13	7283416	CHR13:7283416	SSF x Far_LoA	-9,240	0,010	0,292

CHR13	7283481	CHR13:7283481	SSF x Far_LoA	-11,571	0,013	0,290
CHR13	7303272	CHR13:7303272	SSF x Far_LoA	-8,663	-0,022	0,302
CHR13	7303402	CHR13:7303402	SSF x Far_LoA	-9,963	0,102	0,293
CHR13	7307242	CHR13:7307242	SSF x Far_LoA	-7,654	0,035	0,302
CHR13	7307278	CHR13:7307278	SSF x Far_LoA	-7,287	-0,141	0,274
CHR13	7307350	CHR13:7307350	SSF x Far_LoA	-5,576	-0,169	0,290
CHR13	7317760	CHR13:7317760	SSF x Far_LoA	-9,688	-0,014	0,302
CHR13	7317761	CHR13:7317761	SSF x Far_LoA	-10,146	0,013	0,297
CHR13	7317766	CHR13:7317766	SSF x Far_LoA	-6,606	0,038	0,290
CHR13	7317808	CHR13:7317808	SSF x Far_LoA	-11,459	-0,020	0,286
CHR13	7317812	CHR13:7317812	SSF x Far_LoA	-8,827	0,013	0,308
CHR13	7317941	CHR13:7317941	SSF x Far_LoA	-9,550	-0,048	0,284
CHR13	7317966	CHR13:7317966	SSF x Far_LoA	-6,583	0,115	0,292
CHR13	7319618	CHR13:7319618	SSF x Far_LoA	-9,427	-0,030	0,293
CHR13	7319626	CHR13:7319626	SSF x Far_LoA	-11,191	-0,028	0,300
CHR13	7319787	CHR13:7319787	SSF x Far_LoA	-9,717	0,035	0,288
CHR13	7330555	CHR13:7330555	SSF x Far_LoA	-11,774	-0,044	0,299
CHR13	7331526	CHR13:7331526	SSF x Far_LoA	-7,967	0,106	0,289
CHR13	7331570	CHR13:7331570	SSF x Far_LoA	-10,099	-0,007	0,281
CHR13	7335915	CHR13:7335915	SSF x Far_LoA	-8,990	0,037	0,293
CHR13	7339166	CHR13:7339166	SSF x Far_LoA	-8,251	-0,079	0,277
CHR13	7339171	CHR13:7339171	SSF x Far_LoA	-8,954	0,003	0,287
CHR13	7339275	CHR13:7339275	SSF x Far_LoA	-11,596	0,074	0,288
CHR13	7339327	CHR13:7339327	SSF x Far_LoA	-9,208	-0,121	0,287
CHR13	7339408	CHR13:7339408	SSF x Far_LoA	-9,850	0,047	0,299
CHR13	7344267	CHR13:7344267	SSF x Far_LoA	-10,769	-0,034	0,292
CHR13	7344485	CHR13:7344485	SSF x Far_LoA	-10,702	-0,054	0,298
CHR13	7344493	CHR13:7344493	SSF x Far_LoA	-7,964	-0,080	0,291
CHR13	7363444	CHR13:7363444	SSF x Far_LoA	-10,542	0,085	0,278
CHR13	7363456	CHR13:7363456	SSF x Far_LoA	-9,768	0,103	0,284
CHR13	7363671	CHR13:7363671	SSF x Far_LoA	-9,437	0,021	0,306
CHR13	7363711	CHR13:7363711	SSF x Far_LoA	-8,087	0,054	0,307
CHR13	7364949	CHR13:7364949	SSF x Far_LoA	-11,301	0,041	0,271
CHR13	7365785	CHR13:7365785	SSF x Far_LoA	-9,136	0,087	0,287
CHR13	7365797	CHR13:7365797	SSF x Far_LoA	-10,662	-0,091	0,290
CHR13	7365892	CHR13:7365892	SSF x Far_LoA	-6,779	-0,173	0,289
CHR13	7365951	CHR13:7365951	SSF x Far_LoA	-8,389	0,058	0,286
CHR13	7376438	CHR13:7376438	SSF x Far_LoA	-6,865	-0,079	0,319
CHR13	7376481	CHR13:7376481	SSF x Far_LoA	-8,931	0,025	0,291
CHR13	7376690	CHR13:7376690	SSF x Far_LoA	-8,736	-0,085	0,281
CHR13	7381933	CHR13:7381933	SSF x Far_LoA	-9,605	0,042	0,279
CHR13	7394785	CHR13:7394785	SSF x Far_LoA	-8,740	-0,073	0,289
CHR13	7394787	CHR13:7394787	SSF x Far_LoA	-8,506	-0,128	0,279
CHR13	7395047	CHR13:7395047	SSF x Far_LoA	-9,256	0,089	0,269
CHR13	7395049	CHR13:7395049	SSF x Far_LoA	-10,663	-0,011	0,285
CHR13	7398108	CHR13:7398108	SSF x Far_LoA	-8,271	0,134	0,287
CHR13	7408138	CHR13:7408138	SSF x Far_LoA	-7,852	0,004	0,278
CHR13	740832	CHR13:740832	SSF x Far_LoA	-10,389	-0,156	0,277
CHR13	7408363	CHR13:7408363	SSF x Far_LoA	-7,726	0,130	0,288
CHR13	7410870	CHR13:7410870	SSF x Far_LoA	-7,590	0,066	0,298
CHR13	7410890	CHR13:7410890	SSF x Far_LoA	-8,612	0,107	0,283
CHR13	7414992	CHR13:7414992	SSF x Far_LoA	-10,054	-0,088	0,303
CHR13	7432123	CHR13:7432123	SSF x Far_LoA	-10,502	0,031	0,292

CHR13	7432328	CHR13:7432328	SSF x Far_LoA	-4,438	-0,182	0,296
CHR13	7432354	CHR13:7432354	SSF x Far_LoA	-12,475	-0,066	0,294
CHR13	7444967	CHR13:7444967	SSF x Far_LoA	-5,754	-0,156	0,281
CHR13	7445056	CHR13:7445056	SSF x Far_LoA	-9,416	0,130	0,297
CHR13	7445096	CHR13:7445096	SSF x Far_LoA	-7,593	0,153	0,283
CHR13	7455785	CHR13:7455785	SSF x Far_LoA	-7,294	0,076	0,291
CHR13	7455844	CHR13:7455844	SSF x Far_LoA	-7,318	-0,148	0,291
CHR13	7464492	CHR13:7464492	SSF x Far_LoA	-9,734	0,039	0,288
CHR13	7466693	CHR13:7466693	SSF x Far_LoA	-7,949	-0,061	0,281
CHR13	747527	CHR13:747527	SSF x Far_LoA	-11,507	0,000	0,293
CHR13	7475667	CHR13:7475667	SSF x Far_LoA	-12,299	0,010	0,287
CHR13	747623	CHR13:747623	SSF x Far_LoA	-8,546	-0,028	0,300
CHR13	7478038	CHR13:7478038	SSF x Far_LoA	-10,443	-0,068	0,291
CHR13	7482548	CHR13:7482548	SSF x Far_LoA	-10,724	-0,034	0,282
CHR13	7482735	CHR13:7482735	SSF x Far_LoA	-9,388	0,040	0,291
CHR13	7485443	CHR13:7485443	SSF x Far_LoA	-8,810	0,030	0,284
CHR13	7505357	CHR13:7505357	SSF x Far_LoA	-11,810	0,012	0,298
CHR13	7505622	CHR13:7505622	SSF x Far_LoA	-11,078	0,007	0,294
CHR13	7514629	CHR13:7514629	SSF x Far_LoA	-7,849	-0,060	0,274
CHR13	7514631	CHR13:7514631	SSF x Far_LoA	2,089	-0,063	0,288
CHR13	7514755	CHR13:7514755	SSF x Far_LoA	-8,240	-0,063	0,289
CHR13	7514770	CHR13:7514770	SSF x Far_LoA	-7,995	-0,070	0,294
CHR13	7514788	CHR13:7514788	SSF x Far_LoA	-8,672	0,085	0,273
CHR13	7514879	CHR13:7514879	SSF x Far_LoA	-8,640	0,103	0,258
CHR13	752931	CHR13:752931	SSF x Far_LoA	-7,758	0,059	0,312
CHR13	752954	CHR13:752954	SSF x Far_LoA	-8,265	0,074	0,299
CHR13	752965	CHR13:752965	SSF x Far_LoA	-10,843	0,113	0,274
CHR13	753065	CHR13:753065	SSF x Far_LoA	-8,147	-0,135	0,282
CHR13	753070	CHR13:753070	SSF x Far_LoA	-5,866	-0,132	0,293
CHR13	753085	CHR13:753085	SSF x Far_LoA	-10,050	-0,074	0,313
CHR13	753136	CHR13:753136	SSF x Far_LoA	-8,587	0,053	0,285
CHR13	7550508	CHR13:7550508	SSF x Far_LoA	-8,886	0,034	0,278
CHR13	7554129	CHR13:7554129	SSF x Far_LoA	-9,586	0,074	0,295
CHR13	755642	CHR13:755642	SSF x Far_LoA	-10,127	0,032	0,284
CHR13	7557559	CHR13:7557559	SSF x Far_LoA	-12,283	-0,015	0,286
CHR13	7557707	CHR13:7557707	SSF x Far_LoA	-10,976	0,033	0,289
CHR13	7557820	CHR13:7557820	SSF x Far_LoA	-8,509	0,112	0,283
CHR13	7557821	CHR13:7557821	SSF x Far_LoA	-8,879	0,009	0,301
CHR13	7557896	CHR13:7557896	SSF x Far_LoA	-10,215	0,132	0,281
CHR13	7557935	CHR13:7557935	SSF x Far_LoA	-9,911	-0,103	0,305
CHR13	758749	CHR13:758749	SSF x Far_LoA	-8,548	-0,087	0,286
CHR13	758762	CHR13:758762	SSF x Far_LoA	-4,686	0,111	0,285
CHR13	758826	CHR13:758826	SSF x Far_LoA	-7,910	0,092	0,292
CHR13	758829	CHR13:758829	SSF x Far_LoA	-10,192	0,133	0,279
CHR13	758852	CHR13:758852	SSF x Far_LoA	-5,659	0,032	0,299
CHR13	7590479	CHR13:7590479	SSF x Far_LoA	-6,823	-0,139	0,290
CHR13	7590527	CHR13:7590527	SSF x Far_LoA	-11,490	-0,012	0,286
CHR13	7590604	CHR13:7590604	SSF x Far_LoA	-8,198	-0,130	0,300
CHR13	7608929	CHR13:7608929	SSF x Far_LoA	-10,269	-0,009	0,292
CHR13	7608986	CHR13:7608986	SSF x Far_LoA	-9,664	-0,127	0,290
CHR13	7635546	CHR13:7635546	SSF x Far_LoA	-9,634	-0,050	0,292
CHR13	7635629	CHR13:7635629	SSF x Far_LoA	-8,771	0,154	0,287
CHR13	7635633	CHR13:7635633	SSF x Far_LoA	-8,614	-0,005	0,290

CHR13	7635661	CHR13:7635661	SSF x Far_LoA	-9,399	0,052	0,299
CHR13	7635737	CHR13:7635737	SSF x Far_LoA	-5,966	-0,057	0,298
CHR13	7643082	CHR13:7643082	SSF x Far_LoA	-7,144	0,164	0,289
CHR13	7643200	CHR13:7643200	SSF x Far_LoA	-11,827	-0,067	0,281
CHR13	7644665	CHR13:7644665	SSF x Far_LoA	-9,078	-0,107	0,297
CHR13	7644722	CHR13:7644722	SSF x Far_LoA	-8,178	-0,107	0,297
CHR13	7648697	CHR13:7648697	SSF x Far_LoA	-6,229	0,188	0,298
CHR13	7656201	CHR13:7656201	SSF x Far_LoA	-7,584	0,072	0,302
CHR13	7656302	CHR13:7656302	SSF x Far_LoA	-5,567	0,048	0,284
CHR13	7660991	CHR13:7660991	SSF x Far_LoA	-10,856	-0,088	0,275
CHR13	7661026	CHR13:7661026	SSF x Far_LoA	-9,651	0,019	0,285
CHR13	7661065	CHR13:7661065	SSF x Far_LoA	-10,017	0,021	0,288
CHR13	7661081	CHR13:7661081	SSF x Far_LoA	-11,128	0,041	0,282
CHR13	7661096	CHR13:7661096	SSF x Far_LoA	-11,249	-0,060	0,284
CHR13	7661126	CHR13:7661126	SSF x Far_LoA	-8,282	0,130	0,285
CHR13	7661146	CHR13:7661146	SSF x Far_LoA	-10,151	-0,011	0,300
CHR13	7680940	CHR13:7680940	SSF x Far_LoA	-11,031	-0,063	0,298
CHR13	7686790	CHR13:7686790	SSF x Far_LoA	-10,570	0,012	0,307
CHR13	7686825	CHR13:7686825	SSF x Far_LoA	-9,640	-0,060	0,304
CHR13	7686928	CHR13:7686928	SSF x Far_LoA	-8,523	-0,015	0,293
CHR13	7694667	CHR13:7694667	SSF x Far_LoA	-7,350	-0,153	0,301
CHR13	7694669	CHR13:7694669	SSF x Far_LoA	-10,462	-0,046	0,282
CHR13	7698189	CHR13:7698189	SSF x Far_LoA	-11,619	0,087	0,278
CHR13	7698250	CHR13:7698250	SSF x Far_LoA	-3,641	0,093	0,303
CHR13	7711615	CHR13:7711615	SSF x Far_LoA	-7,738	-0,069	0,295
CHR13	7711673	CHR13:7711673	SSF x Far_LoA	-9,518	-0,011	0,285
CHR13	7711681	CHR13:7711681	SSF x Far_LoA	-9,019	0,039	0,290
CHR13	7711836	CHR13:7711836	SSF x Far_LoA	-11,444	-0,051	0,296
CHR13	7713077	CHR13:7713077	SSF x Far_LoA	-10,260	-0,101	0,286
CHR13	7717850	CHR13:7717850	SSF x Far_LoA	-9,499	-0,019	0,313
CHR13	7717920	CHR13:7717920	SSF x Far_LoA	-9,475	0,030	0,287
CHR13	7717976	CHR13:7717976	SSF x Far_LoA	-10,461	-0,053	0,287
CHR13	7717977	CHR13:7717977	SSF x Far_LoA	-6,545	-0,102	0,290
CHR13	7718211	CHR13:7718211	SSF x Far_LoA	-10,065	0,007	0,292
CHR13	7720920	CHR13:7720920	SSF x Far_LoA	-6,741	-0,121	0,297
CHR13	7721730	CHR13:7721730	SSF x Far_LoA	-9,799	0,055	0,302
CHR13	7721782	CHR13:7721782	SSF x Far_LoA	-8,778	-0,037	0,294
CHR13	7721798	CHR13:7721798	SSF x Far_LoA	-10,991	-0,018	0,285
CHR13	7730404	CHR13:7730404	SSF x Far_LoA	-9,379	-0,034	0,302
CHR13	7730508	CHR13:7730508	SSF x Far_LoA	-8,604	0,069	0,311
CHR13	773058	CHR13:773058	SSF x Far_LoA	-7,984	-0,074	0,268
CHR13	773130	CHR13:773130	SSF x Far_LoA	-9,931	-0,120	0,281
CHR13	7752879	CHR13:7752879	SSF x Far_LoA	-9,390	0,005	0,302
CHR13	7753006	CHR13:7753006	SSF x Far_LoA	-1,557	-0,016	0,290
CHR13	7753014	CHR13:7753014	SSF x Far_LoA	-9,697	0,041	0,300
CHR13	7753076	CHR13:7753076	SSF x Far_LoA	-10,094	-0,139	0,287
CHR13	7753133	CHR13:7753133	SSF x Far_LoA	-8,681	-0,074	0,301
CHR13	7757392	CHR13:7757392	SSF x Far_LoA	-9,386	0,057	0,287
CHR13	7757406	CHR13:7757406	SSF x Far_LoA	-8,829	0,066	0,296
CHR13	7758928	CHR13:7758928	SSF x Far_LoA	-9,671	-0,074	0,288
CHR13	7759015	CHR13:7759015	SSF x Far_LoA	-4,533	-0,100	0,295
CHR13	7762757	CHR13:7762757	SSF x Far_LoA	-10,259	0,040	0,295
CHR13	7778895	CHR13:7778895	SSF x Far_LoA	-7,484	0,109	0,270

CHR13	7778973	CHR13:7778973	SSF x Far_LoA	-11,190	0,026	0,293
CHR13	7778999	CHR13:7778999	SSF x Far_LoA	-4,641	0,110	0,283
CHR13	7779007	CHR13:7779007	SSF x Far_LoA	-10,214	0,088	0,281
CHR13	7781591	CHR13:7781591	SSF x Far_LoA	-9,011	0,089	0,284
CHR13	7781593	CHR13:7781593	SSF x Far_LoA	-10,324	0,141	0,270
CHR13	7800225	CHR13:7800225	SSF x Far_LoA	-8,674	0,137	0,267
CHR13	7800229	CHR13:7800229	SSF x Far_LoA	-8,992	-0,051	0,304
CHR13	7804263	CHR13:7804263	SSF x Far_LoA	-9,631	0,126	0,279
CHR13	7804275	CHR13:7804275	SSF x Far_LoA	-7,959	0,000	0,292
CHR13	7811806	CHR13:7811806	SSF x Far_LoA	-8,891	0,067	0,300
CHR13	7811828	CHR13:7811828	SSF x Far_LoA	-11,087	0,054	0,294
CHR13	7815679	CHR13:7815679	SSF x Far_LoA	-7,498	0,161	0,283
CHR13	7820887	CHR13:7820887	SSF x Far_LoA	-8,769	-0,091	0,300
CHR13	7821026	CHR13:7821026	SSF x Far_LoA	-11,318	-0,083	0,277
CHR13	7846035	CHR13:7846035	SSF x Far_LoA	-7,734	0,035	0,288
CHR13	7849120	CHR13:7849120	SSF x Far_LoA	-9,612	-0,052	0,295
CHR13	7854189	CHR13:7854189	SSF x Far_LoA	-10,930	0,003	0,285
CHR13	7872087	CHR13:7872087	SSF x Far_LoA	-12,260	0,010	0,288
CHR13	7872290	CHR13:7872290	SSF x Far_LoA	-10,516	0,023	0,293
CHR13	7883796	CHR13:7883796	SSF x Far_LoA	-11,540	0,028	0,288
CHR13	7883827	CHR13:7883827	SSF x Far_LoA	-8,212	0,020	0,286
CHR13	7883884	CHR13:7883884	SSF x Far_LoA	-11,372	0,032	0,285
CHR13	7883911	CHR13:7883911	SSF x Far_LoA	-10,200	-0,024	0,286
CHR13	7883982	CHR13:7883982	SSF x Far_LoA	-11,125	0,027	0,282
CHR13	7884030	CHR13:7884030	SSF x Far_LoA	-8,373	0,019	0,293
CHR13	7884058	CHR13:7884058	SSF x Far_LoA	-8,258	-0,007	0,282
CHR13	7884067	CHR13:7884067	SSF x Far_LoA	-1,714	-0,069	0,282
CHR13	7884076	CHR13:7884076	SSF x Far_LoA	-5,697	0,037	0,298
CHR13	7887830	CHR13:7887830	SSF x Far_LoA	-7,271	0,054	0,301
CHR13	7887843	CHR13:7887843	SSF x Far_LoA	-8,870	-0,012	0,298
CHR13	7889442	CHR13:7889442	SSF x Far_LoA	-8,930	-0,004	0,298
CHR13	7905210	CHR13:7905210	SSF x Far_LoA	-9,376	0,140	0,287
CHR13	7905264	CHR13:7905264	SSF x Far_LoA	-7,655	-0,070	0,293
CHR13	7905270	CHR13:7905270	SSF x Far_LoA	-9,527	-0,067	0,297
CHR13	7905301	CHR13:7905301	SSF x Far_LoA	-9,878	-0,065	0,290
CHR13	7908729	CHR13:7908729	SSF x Far_LoA	-8,190	0,016	0,293
CHR13	7910424	CHR13:7910424	SSF x Far_LoA	-10,599	0,114	0,288
CHR13	7914294	CHR13:7914294	SSF x Far_LoA	-0,532	0,180	0,275
CHR13	7914296	CHR13:7914296	SSF x Far_LoA	-5,167	0,052	0,292
CHR13	7914320	CHR13:7914320	SSF x Far_LoA	-10,717	0,041	0,285
CHR13	7914374	CHR13:7914374	SSF x Far_LoA	-9,782	0,088	0,285
CHR13	7943030	CHR13:7943030	SSF x Far_LoA	-9,378	-0,122	0,289
CHR13	7945511	CHR13:7945511	SSF x Far_LoA	-9,384	-0,076	0,289
CHR13	7952908	CHR13:7952908	SSF x Far_LoA	-9,329	-0,052	0,286
CHR13	7953936	CHR13:7953936	SSF x Far_LoA	-9,810	0,005	0,291
CHR13	7963463	CHR13:7963463	SSF x Far_LoA	-6,004	0,102	0,293
CHR13	7963612	CHR13:7963612	SSF x Far_LoA	-6,590	0,139	0,272
CHR13	7969647	CHR13:7969647	SSF x Far_LoA	-6,677	0,020	0,284
CHR13	7979828	CHR13:7979828	SSF x Far_LoA	-8,144	-0,033	0,309
CHR13	7979865	CHR13:7979865	SSF x Far_LoA	-9,495	0,100	0,301
CHR13	7989276	CHR13:7989276	SSF x Far_LoA	-11,459	0,012	0,289
CHR13	7989278	CHR13:7989278	SSF x Far_LoA	-10,564	0,009	0,308
CHR13	7989323	CHR13:7989323	SSF x Far_LoA	-10,293	-0,009	0,297

CHR13	7989354	CHR13:7989354	SSF x Far_LoA	-9,841	0,004	0,296
CHR13	8013439	CHR13:8013439	SSF x Far_LoA	-9,062	0,047	0,297
CHR13	8013445	CHR13:8013445	SSF x Far_LoA	-9,619	0,090	0,285
CHR13	8013644	CHR13:8013644	SSF x Far_LoA	-8,917	-0,036	0,291
CHR13	8013682	CHR13:8013682	SSF x Far_LoA	-8,797	0,031	0,297
CHR13	8013693	CHR13:8013693	SSF x Far_LoA	-8,599	-0,054	0,304
CHR13	8013712	CHR13:8013712	SSF x Far_LoA	-5,223	0,016	0,295
CHR13	8020993	CHR13:8020993	SSF x Far_LoA	-8,922	-0,009	0,299
CHR13	8020997	CHR13:8020997	SSF x Far_LoA	-8,983	-0,028	0,284
CHR13	802408	CHR13:802408	SSF x Far_LoA	-6,235	0,073	0,307
CHR13	802445	CHR13:802445	SSF x Far_LoA	-10,734	0,082	0,291
CHR13	8027270	CHR13:8027270	SSF x Far_LoA	-9,561	-0,018	0,281
CHR13	8027297	CHR13:8027297	SSF x Far_LoA	-9,155	0,034	0,283
CHR13	8035630	CHR13:8035630	SSF x Far_LoA	-11,638	0,008	0,285
CHR13	8035689	CHR13:8035689	SSF x Far_LoA	-11,635	0,050	0,275
CHR13	8046111	CHR13:8046111	SSF x Far_LoA	-9,474	-0,036	0,306
CHR13	8048724	CHR13:8048724	SSF x Far_LoA	-8,107	-0,139	0,287
CHR13	8048725	CHR13:8048725	SSF x Far_LoA	-7,681	0,142	0,286
CHR13	8048735	CHR13:8048735	SSF x Far_LoA	-9,435	-0,004	0,283
CHR13	8052253	CHR13:8052253	SSF x Far_LoA	-7,878	0,073	0,280
CHR13	8052336	CHR13:8052336	SSF x Far_LoA	-11,518	-0,006	0,292
CHR13	8052358	CHR13:8052358	SSF x Far_LoA	-6,506	-0,121	0,276
CHR13	8052447	CHR13:8052447	SSF x Far_LoA	-12,695	-0,038	0,293
CHR13	8052497	CHR13:8052497	SSF x Far_LoA	-6,308	-0,041	0,281
CHR13	8052645	CHR13:8052645	SSF x Far_LoA	-9,565	0,059	0,299
CHR13	8052649	CHR13:8052649	SSF x Far_LoA	-8,160	-0,036	0,293
CHR13	8065865	CHR13:8065865	SSF x Far_LoA	-10,287	0,000	0,278
CHR13	8073990	CHR13:8073990	SSF x Far_LoA	-9,945	-0,105	0,285
CHR13	8074009	CHR13:8074009	SSF x Far_LoA	-9,355	-0,055	0,287
CHR13	8074047	CHR13:8074047	SSF x Far_LoA	-10,106	-0,060	0,292
CHR13	8074140	CHR13:8074140	SSF x Far_LoA	-11,813	0,015	0,285
CHR13	8074147	CHR13:8074147	SSF x Far_LoA	-7,013	0,092	0,299
CHR13	8078280	CHR13:8078280	SSF x Far_LoA	-9,103	0,019	0,292
CHR13	8078343	CHR13:8078343	SSF x Far_LoA	-10,561	0,065	0,305
CHR13	8078344	CHR13:8078344	SSF x Far_LoA	-2,911	-0,165	0,287
CHR13	8078417	CHR13:8078417	SSF x Far_LoA	-10,423	0,044	0,282
CHR13	8078457	CHR13:8078457	SSF x Far_LoA	-9,256	-0,016	0,267
CHR13	8084344	CHR13:8084344	SSF x Far_LoA	-9,703	0,036	0,307
CHR13	8084477	CHR13:8084477	SSF x Far_LoA	-9,842	-0,046	0,301
CHR13	8086434	CHR13:8086434	SSF x Far_LoA	-5,053	-0,014	0,278
CHR13	8086443	CHR13:8086443	SSF x Far_LoA	-6,080	-0,004	0,283
CHR13	8086457	CHR13:8086457	SSF x Far_LoA	-6,960	-0,004	0,291
CHR13	8086463	CHR13:8086463	SSF x Far_LoA	-9,456	0,039	0,297
CHR13	8099431	CHR13:8099431	SSF x Far_LoA	-6,671	0,024	0,306
CHR13	8099566	CHR13:8099566	SSF x Far_LoA	-9,714	0,100	0,285
CHR13	8099569	CHR13:8099569	SSF x Far_LoA	-9,928	0,132	0,288
CHR13	8099623	CHR13:8099623	SSF x Far_LoA	-8,597	0,032	0,289
CHR13	8099635	CHR13:8099635	SSF x Far_LoA	-8,350	0,078	0,295
CHR13	8105307	CHR13:8105307	SSF x Far_LoA	-8,810	-0,014	0,287
CHR13	8105322	CHR13:8105322	SSF x Far_LoA	-7,922	-0,040	0,302
CHR13	8105326	CHR13:8105326	SSF x Far_LoA	-11,281	-0,040	0,282
CHR13	8105327	CHR13:8105327	SSF x Far_LoA	-10,073	-0,028	0,294
CHR13	8105406	CHR13:8105406	SSF x Far_LoA	-8,731	0,131	0,303

CHR13	8105411	CHR13:8105411	SSF x Far_LoA	-9,801	0,141	0,284
CHR13	811794	CHR13:811794	SSF x Far_LoA	-7,262	0,094	0,276
CHR13	811830	CHR13:811830	SSF x Far_LoA	-10,646	-0,125	0,288
CHR13	811905	CHR13:811905	SSF x Far_LoA	-9,615	-0,027	0,288
CHR13	811928	CHR13:811928	SSF x Far_LoA	-8,324	0,078	0,296
CHR13	811963	CHR13:811963	SSF x Far_LoA	-6,269	-0,165	0,269
CHR13	811976	CHR13:811976	SSF x Far_LoA	-7,083	-0,011	0,297
CHR13	8126249	CHR13:8126249	SSF x Far_LoA	-9,833	-0,096	0,285
CHR13	8138653	CHR13:8138653	SSF x Far_LoA	-12,139	0,056	0,281
CHR13	8149810	CHR13:8149810	SSF x Far_LoA	-10,957	0,016	0,295
CHR13	8150658	CHR13:8150658	SSF x Far_LoA	-9,296	0,045	0,274
CHR13	817656	CHR13:817656	SSF x Far_LoA	-12,017	-0,057	0,292
CHR13	817657	CHR13:817657	SSF x Far_LoA	-10,438	-0,011	0,289
CHR13	817724	CHR13:817724	SSF x Far_LoA	-8,592	0,048	0,292
CHR13	817732	CHR13:817732	SSF x Far_LoA	-11,966	0,055	0,283
CHR13	817733	CHR13:817733	SSF x Far_LoA	-9,557	0,078	0,293
CHR13	817752	CHR13:817752	SSF x Far_LoA	-8,145	-0,158	0,292
CHR13	817775	CHR13:817775	SSF x Far_LoA	-10,361	0,085	0,291
CHR13	817839	CHR13:817839	SSF x Far_LoA	-10,748	0,035	0,291
CHR13	8185880	CHR13:8185880	SSF x Far_LoA	-11,669	-0,009	0,274
CHR13	8199476	CHR13:8199476	SSF x Far_LoA	-9,337	-0,126	0,275
CHR13	8199546	CHR13:8199546	SSF x Far_LoA	-8,913	-0,058	0,279
CHR13	8214832	CHR13:8214832	SSF x Far_LoA	-8,289	0,104	0,289
CHR13	8253178	CHR13:8253178	SSF x Far_LoA	-11,033	0,016	0,293
CHR13	8269107	CHR13:8269107	SSF x Far_LoA	-10,678	-0,049	0,283
CHR13	8269176	CHR13:8269176	SSF x Far_LoA	-8,339	0,064	0,294
CHR13	8269221	CHR13:8269221	SSF x Far_LoA	-8,022	0,077	0,283
CHR13	8277861	CHR13:8277861	SSF x Far_LoA	-11,421	0,035	0,291
CHR13	8278859	CHR13:8278859	SSF x Far_LoA	-7,880	0,130	0,291
CHR13	8296281	CHR13:8296281	SSF x Far_LoA	-7,593	0,135	0,279
CHR13	8296286	CHR13:8296286	SSF x Far_LoA	-7,827	-0,019	0,300
CHR13	8323461	CHR13:8323461	SSF x Far_LoA	-10,716	0,068	0,290
CHR13	8323504	CHR13:8323504	SSF x Far_LoA	-10,893	0,057	0,282
CHR13	8323538	CHR13:8323538	SSF x Far_LoA	-10,061	-0,067	0,298
CHR13	8323543	CHR13:8323543	SSF x Far_LoA	-7,050	-0,092	0,293
CHR13	8323545	CHR13:8323545	SSF x Far_LoA	-8,474	-0,081	0,285
CHR13	8323604	CHR13:8323604	SSF x Far_LoA	-5,541	0,004	0,310
CHR13	8323606	CHR13:8323606	SSF x Far_LoA	-9,682	-0,013	0,293
CHR13	8323625	CHR13:8323625	SSF x Far_LoA	-8,437	0,014	0,294
CHR13	8323649	CHR13:8323649	SSF x Far_LoA	-6,236	0,029	0,293
CHR13	8323654	CHR13:8323654	SSF x Far_LoA	-7,969	0,019	0,293
CHR13	8323787	CHR13:8323787	SSF x Far_LoA	-10,017	-0,004	0,296
CHR13	8325321	CHR13:8325321	SSF x Far_LoA	-10,115	0,023	0,293
CHR13	8328807	CHR13:8328807	SSF x Far_LoA	-10,385	0,102	0,290
CHR13	8345941	CHR13:8345941	SSF x Far_LoA	-8,354	-0,100	0,279
CHR13	8362517	CHR13:8362517	SSF x Far_LoA	-9,448	0,077	0,285
CHR13	8362518	CHR13:8362518	SSF x Far_LoA	-10,996	0,061	0,279
CHR13	8362537	CHR13:8362537	SSF x Far_LoA	-8,397	0,067	0,295
CHR13	8362588	CHR13:8362588	SSF x Far_LoA	-10,872	0,046	0,284
CHR13	8362624	CHR13:8362624	SSF x Far_LoA	-10,905	0,010	0,287
CHR13	8362671	CHR13:8362671	SSF x Far_LoA	-4,327	0,227	0,276
CHR13	8362695	CHR13:8362695	SSF x Far_LoA	-4,003	-0,193	0,284
CHR13	8362744	CHR13:8362744	SSF x Far_LoA	-5,020	0,185	0,268

CHR13	8364874	CHR13:8364874	SSF x Far_LoA	-8,742	0,016	0,297
CHR13	8364925	CHR13:8364925	SSF x Far_LoA	-8,748	0,066	0,288
CHR13	8365054	CHR13:8365054	SSF x Far_LoA	-11,065	0,024	0,293
CHR13	8365112	CHR13:8365112	SSF x Far_LoA	-6,437	0,034	0,286
CHR13	8377905	CHR13:8377905	SSF x Far_LoA	-8,391	0,020	0,288
CHR13	8378741	CHR13:8378741	SSF x Far_LoA	-10,527	-0,124	0,277
CHR13	8379026	CHR13:8379026	SSF x Far_LoA	-7,730	-0,070	0,289
CHR13	8381453	CHR13:8381453	SSF x Far_LoA	-10,093	-0,046	0,290
CHR13	8381531	CHR13:8381531	SSF x Far_LoA	-11,083	0,073	0,285
CHR13	8381761	CHR13:8381761	SSF x Far_LoA	-10,628	0,075	0,278
CHR13	8386919	CHR13:8386919	SSF x Far_LoA	-8,887	-0,004	0,290
CHR13	8401161	CHR13:8401161	SSF x Far_LoA	-10,772	-0,020	0,282
CHR13	841414	CHR13:841414	SSF x Far_LoA	-7,266	0,096	0,284
CHR13	841416	CHR13:841416	SSF x Far_LoA	-7,566	0,063	0,285
CHR13	841469	CHR13:841469	SSF x Far_LoA	-9,063	-0,028	0,282
CHR13	841470	CHR13:841470	SSF x Far_LoA	-9,906	-0,054	0,277
CHR13	841536	CHR13:841536	SSF x Far_LoA	-1,359	0,193	0,278
CHR13	841613	CHR13:841613	SSF x Far_LoA	-6,104	-0,059	0,312
CHR13	8457529	CHR13:8457529	SSF x Far_LoA	-8,711	-0,006	0,307
CHR13	8457656	CHR13:8457656	SSF x Far_LoA	-2,541	-0,203	0,292
CHR13	8457690	CHR13:8457690	SSF x Far_LoA	-10,073	0,070	0,279
CHR13	8457722	CHR13:8457722	SSF x Far_LoA	-10,117	0,082	0,276
CHR13	8457733	CHR13:8457733	SSF x Far_LoA	-7,377	0,142	0,293
CHR13	8457742	CHR13:8457742	SSF x Far_LoA	-8,160	0,110	0,274
CHR13	8469419	CHR13:8469419	SSF x Far_LoA	-9,796	0,147	0,284
CHR13	8478944	CHR13:8478944	SSF x Far_LoA	-10,165	-0,125	0,286
CHR13	8488534	CHR13:8488534	SSF x Far_LoA	-10,743	0,053	0,285
CHR13	8488592	CHR13:8488592	SSF x Far_LoA	-9,647	0,024	0,302
CHR13	8494192	CHR13:8494192	SSF x Far_LoA	-8,215	0,155	0,281
CHR13	8494216	CHR13:8494216	SSF x Far_LoA	-10,198	-0,042	0,291
CHR13	8494302	CHR13:8494302	SSF x Far_LoA	-9,382	-0,089	0,286
CHR13	8494334	CHR13:8494334	SSF x Far_LoA	-10,014	-0,115	0,276
CHR13	8496609	CHR13:8496609	SSF x Far_LoA	-8,419	-0,117	0,288
CHR13	8496652	CHR13:8496652	SSF x Far_LoA	-11,587	-0,036	0,296
CHR13	8502994	CHR13:8502994	SSF x Far_LoA	-8,259	0,060	0,285
CHR13	8513150	CHR13:8513150	SSF x Far_LoA	-8,302	0,032	0,304
CHR13	8513200	CHR13:8513200	SSF x Far_LoA	-10,531	-0,079	0,287
CHR13	8513224	CHR13:8513224	SSF x Far_LoA	-9,349	0,070	0,294
CHR13	8513751	CHR13:8513751	SSF x Far_LoA	-9,198	-0,007	0,292
CHR13	8516719	CHR13:8516719	SSF x Far_LoA	-9,626	0,018	0,279
CHR13	8523434	CHR13:8523434	SSF x Far_LoA	-8,624	0,047	0,304
CHR13	8526982	CHR13:8526982	SSF x Far_LoA	-10,349	-0,014	0,297
CHR13	8527023	CHR13:8527023	SSF x Far_LoA	-8,918	0,054	0,294
CHR13	8527047	CHR13:8527047	SSF x Far_LoA	-11,061	-0,028	0,287
CHR13	8528082	CHR13:8528082	SSF x Far_LoA	-9,457	-0,046	0,282
CHR13	8529990	CHR13:8529990	SSF x Far_LoA	-8,399	-0,058	0,282
CHR13	8530022	CHR13:8530022	SSF x Far_LoA	-10,152	-0,021	0,303
CHR13	8530145	CHR13:8530145	SSF x Far_LoA	-8,429	0,050	0,313
CHR13	8537693	CHR13:8537693	SSF x Far_LoA	-8,060	0,025	0,300
CHR13	8541069	CHR13:8541069	SSF x Far_LoA	-8,078	0,059	0,281
CHR13	8541129	CHR13:8541129	SSF x Far_LoA	-5,732	-0,043	0,312
CHR13	8541287	CHR13:8541287	SSF x Far_LoA	-10,937	0,038	0,287
CHR13	8576806	CHR13:8576806	SSF x Far_LoA	-10,095	-0,096	0,288

CHR13	8597517	CHR13:8597517	SSF x Far_LoA	-11,045	0,019	0,305
CHR13	8597738	CHR13:8597738	SSF x Far_LoA	-4,883	0,076	0,297
CHR13	8597745	CHR13:8597745	SSF x Far_LoA	-10,497	0,050	0,295
CHR13	8597824	CHR13:8597824	SSF x Far_LoA	-8,831	-0,049	0,288
CHR13	8597830	CHR13:8597830	SSF x Far_LoA	-9,980	0,104	0,268
CHR13	8597877	CHR13:8597877	SSF x Far_LoA	-5,300	0,065	0,298
CHR13	8597885	CHR13:8597885	SSF x Far_LoA	-8,766	0,083	0,300
CHR13	8597889	CHR13:8597889	SSF x Far_LoA	-8,575	0,095	0,294
CHR13	8612249	CHR13:8612249	SSF x Far_LoA	-8,707	-0,019	0,272
CHR13	8612390	CHR13:8612390	SSF x Far_LoA	-10,942	-0,035	0,285
CHR13	8625870	CHR13:8625870	SSF x Far_LoA	-8,649	0,081	0,303
CHR13	8625874	CHR13:8625874	SSF x Far_LoA	-5,865	-0,039	0,281
CHR13	8625942	CHR13:8625942	SSF x Far_LoA	-9,552	0,015	0,298
CHR13	8626228	CHR13:8626228	SSF x Far_LoA	-10,175	0,068	0,294
CHR13	8626303	CHR13:8626303	SSF x Far_LoA	-10,819	-0,032	0,297
CHR13	8632122	CHR13:8632122	SSF x Far_LoA	-8,440	-0,022	0,299
CHR13	8632128	CHR13:8632128	SSF x Far_LoA	-8,471	-0,019	0,297
CHR13	8632132	CHR13:8632132	SSF x Far_LoA	-9,084	0,008	0,284
CHR13	8632158	CHR13:8632158	SSF x Far_LoA	-9,642	0,070	0,287
CHR13	8654649	CHR13:8654649	SSF x Far_LoA	-10,796	0,041	0,290
CHR13	8654666	CHR13:8654666	SSF x Far_LoA	-10,816	0,053	0,292
CHR13	8654668	CHR13:8654668	SSF x Far_LoA	-10,716	0,039	0,299
CHR13	8655779	CHR13:8655779	SSF x Far_LoA	-8,844	-0,028	0,288
CHR13	8655791	CHR13:8655791	SSF x Far_LoA	-7,377	-0,114	0,301
CHR13	8668520	CHR13:8668520	SSF x Far_LoA	-11,648	-0,008	0,297
CHR13	868166	CHR13:868166	SSF x Far_LoA	-8,686	-0,071	0,291
CHR13	868468	CHR13:868468	SSF x Far_LoA	-3,139	0,151	0,281
CHR13	8688609	CHR13:8688609	SSF x Far_LoA	-8,905	-0,153	0,271
CHR13	8704277	CHR13:8704277	SSF x Far_LoA	-8,744	0,039	0,309
CHR13	8704363	CHR13:8704363	SSF x Far_LoA	-8,217	0,121	0,284
CHR13	8704467	CHR13:8704467	SSF x Far_LoA	-11,656	0,051	0,282
CHR13	8732673	CHR13:8732673	SSF x Far_LoA	-9,000	-0,070	0,284
CHR13	8732701	CHR13:8732701	SSF x Far_LoA	0,636	0,176	0,269
CHR13	8732711	CHR13:8732711	SSF x Far_LoA	-7,064	0,077	0,295
CHR13	8732759	CHR13:8732759	SSF x Far_LoA	-9,465	0,138	0,278
CHR13	8732762	CHR13:8732762	SSF x Far_LoA	-3,856	0,171	0,283
CHR13	8732780	CHR13:8732780	SSF x Far_LoA	-6,597	0,017	0,288
CHR13	8732788	CHR13:8732788	SSF x Far_LoA	-11,658	0,045	0,301
CHR13	8734937	CHR13:8734937	SSF x Far_LoA	-8,599	-0,053	0,299
CHR13	8735024	CHR13:8735024	SSF x Far_LoA	-10,202	0,046	0,281
CHR13	8735637	CHR13:8735637	SSF x Far_LoA	-6,833	0,010	0,290
CHR13	8739162	CHR13:8739162	SSF x Far_LoA	-11,232	0,093	0,288
CHR13	8739207	CHR13:8739207	SSF x Far_LoA	-11,072	-0,026	0,291
CHR13	8739268	CHR13:8739268	SSF x Far_LoA	-7,519	-0,109	0,294
CHR13	874798	CHR13:874798	SSF x Far_LoA	-11,261	0,119	0,268
CHR13	8756590	CHR13:8756590	SSF x Far_LoA	-9,274	0,060	0,300
CHR13	8756644	CHR13:8756644	SSF x Far_LoA	-9,038	-0,056	0,301
CHR13	8756647	CHR13:8756647	SSF x Far_LoA	-10,716	0,026	0,298
CHR13	8756664	CHR13:8756664	SSF x Far_LoA	-8,811	0,067	0,281
CHR13	8758757	CHR13:8758757	SSF x Far_LoA	-7,758	0,069	0,288
CHR13	8758990	CHR13:8758990	SSF x Far_LoA	-10,436	-0,055	0,283
CHR13	8759024	CHR13:8759024	SSF x Far_LoA	-9,821	0,084	0,291
CHR13	8774045	CHR13:8774045	SSF x Far_LoA	-9,015	-0,043	0,297

CHR13	8774048	CHR13:8774048	SSF x Far_LoA	-9,476	-0,031	0,312
CHR13	8774157	CHR13:8774157	SSF x Far_LoA	-8,615	-0,075	0,292
CHR13	8774215	CHR13:8774215	SSF x Far_LoA	-4,962	0,100	0,303
CHR13	8784731	CHR13:8784731	SSF x Far_LoA	-12,076	-0,010	0,278
CHR13	8784820	CHR13:8784820	SSF x Far_LoA	-7,699	0,043	0,297
CHR13	8793094	CHR13:8793094	SSF x Far_LoA	-9,846	0,033	0,311
CHR13	8794635	CHR13:8794635	SSF x Far_LoA	-10,248	-0,088	0,295
CHR13	8794833	CHR13:8794833	SSF x Far_LoA	-7,943	0,062	0,288
CHR13	8802417	CHR13:8802417	SSF x Far_LoA	-7,418	0,016	0,290
CHR13	8802728	CHR13:8802728	SSF x Far_LoA	-7,292	-0,010	0,283
CHR13	884928	CHR13:884928	SSF x Far_LoA	-9,087	-0,112	0,284
CHR13	884941	CHR13:884941	SSF x Far_LoA	-8,630	0,013	0,292
CHR13	884957	CHR13:884957	SSF x Far_LoA	-8,711	-0,022	0,285
CHR13	885035	CHR13:885035	SSF x Far_LoA	-8,220	0,078	0,293
CHR13	885057	CHR13:885057	SSF x Far_LoA	-8,742	-0,106	0,283
CHR13	8850628	CHR13:8850628	SSF x Far_LoA	-6,484	0,196	0,269
CHR13	8850706	CHR13:8850706	SSF x Far_LoA	-10,834	-0,069	0,295
CHR13	8850731	CHR13:8850731	SSF x Far_LoA	-9,979	-0,040	0,291
CHR13	8850803	CHR13:8850803	SSF x Far_LoA	-6,721	0,157	0,294
CHR13	8850854	CHR13:8850854	SSF x Far_LoA	-8,436	-0,090	0,305
CHR13	885087	CHR13:885087	SSF x Far_LoA	-7,494	0,004	0,279
CHR13	8850876	CHR13:8850876	SSF x Far_LoA	-3,059	-0,089	0,302
CHR13	8850883	CHR13:8850883	SSF x Far_LoA	-10,153	-0,083	0,286
CHR13	8850889	CHR13:8850889	SSF x Far_LoA	-9,459	-0,108	0,293
CHR13	8850899	CHR13:8850899	SSF x Far_LoA	-8,276	-0,084	0,306
CHR13	885092	CHR13:885092	SSF x Far_LoA	-9,359	0,006	0,291
CHR13	885095	CHR13:885095	SSF x Far_LoA	-10,822	-0,025	0,282
CHR13	8872795	CHR13:8872795	SSF x Far_LoA	-11,153	0,005	0,293
CHR13	8873899	CHR13:8873899	SSF x Far_LoA	-9,496	0,005	0,281
CHR13	8873970	CHR13:8873970	SSF x Far_LoA	-8,980	-0,017	0,295
CHR13	8873975	CHR13:8873975	SSF x Far_LoA	-8,699	-0,001	0,296
CHR13	8873976	CHR13:8873976	SSF x Far_LoA	-9,075	0,015	0,297
CHR13	8873984	CHR13:8873984	SSF x Far_LoA	-8,940	-0,008	0,289
CHR13	8873985	CHR13:8873985	SSF x Far_LoA	-9,165	0,005	0,285
CHR13	8874000	CHR13:8874000	SSF x Far_LoA	-8,518	-0,030	0,301
CHR13	8874052	CHR13:8874052	SSF x Far_LoA	-8,425	-0,082	0,289
CHR13	8878394	CHR13:8878394	SSF x Far_LoA	-11,145	0,024	0,283
CHR13	8878430	CHR13:8878430	SSF x Far_LoA	-11,526	0,061	0,279
CHR13	8878579	CHR13:8878579	SSF x Far_LoA	-8,771	0,133	0,289
CHR13	8882369	CHR13:8882369	SSF x Far_LoA	-8,991	0,120	0,273
CHR13	8882371	CHR13:8882371	SSF x Far_LoA	-1,067	-0,072	0,290
CHR13	8882373	CHR13:8882373	SSF x Far_LoA	-9,904	0,039	0,289
CHR13	8882535	CHR13:8882535	SSF x Far_LoA	-8,380	0,081	0,282
CHR13	888507	CHR13:888507	SSF x Far_LoA	-5,251	-0,049	0,284
CHR13	889159	CHR13:889159	SSF x Far_LoA	-9,018	0,011	0,281
CHR13	8892217	CHR13:8892217	SSF x Far_LoA	-8,456	-0,134	0,291
CHR13	8892244	CHR13:8892244	SSF x Far_LoA	-9,317	-0,036	0,285
CHR13	8892331	CHR13:8892331	SSF x Far_LoA	-8,142	-0,018	0,300
CHR13	8892367	CHR13:8892367	SSF x Far_LoA	-10,524	-0,114	0,295
CHR13	8892382	CHR13:8892382	SSF x Far_LoA	-9,118	-0,141	0,280
CHR13	8892431	CHR13:8892431	SSF x Far_LoA	-9,163	-0,056	0,287
CHR13	8892452	CHR13:8892452	SSF x Far_LoA	-10,307	-0,063	0,287
CHR13	8898144	CHR13:8898144	SSF x Far_LoA	-11,163	-0,002	0,289

CHR13	8913516	CHR13:8913516	SSF x Far_LoA	-9,110	-0,082	0,290
CHR13	8916362	CHR13:8916362	SSF x Far_LoA	-11,404	-0,088	0,288
CHR13	8929831	CHR13:8929831	SSF x Far_LoA	-7,793	0,070	0,289
CHR13	8929882	CHR13:8929882	SSF x Far_LoA	1,667	-0,159	0,293
CHR13	8929920	CHR13:8929920	SSF x Far_LoA	-9,531	-0,023	0,272
CHR13	894878	CHR13:894878	SSF x Far_LoA	-11,821	0,059	0,295
CHR13	894917	CHR13:894917	SSF x Far_LoA	-8,646	0,154	0,287
CHR13	894944	CHR13:894944	SSF x Far_LoA	-8,553	0,154	0,286
CHR13	894957	CHR13:894957	SSF x Far_LoA	-9,580	-0,077	0,272
CHR13	8954757	CHR13:8954757	SSF x Far_LoA	-10,834	0,007	0,301
CHR13	8954776	CHR13:8954776	SSF x Far_LoA	-9,339	0,025	0,289
CHR13	8954895	CHR13:8954895	SSF x Far_LoA	-12,045	0,063	0,291
CHR13	8954920	CHR13:8954920	SSF x Far_LoA	-8,219	-0,020	0,286
CHR13	8954968	CHR13:8954968	SSF x Far_LoA	-9,059	-0,022	0,298
CHR13	8955016	CHR13:8955016	SSF x Far_LoA	-10,723	-0,049	0,287
CHR13	8955092	CHR13:8955092	SSF x Far_LoA	-8,740	-0,107	0,296
CHR13	8955099	CHR13:8955099	SSF x Far_LoA	-10,106	0,163	0,274
CHR13	8955108	CHR13:8955108	SSF x Far_LoA	-9,229	0,091	0,289
CHR13	8955109	CHR13:8955109	SSF x Far_LoA	-5,043	0,135	0,287
CHR13	8955143	CHR13:8955143	SSF x Far_LoA	-8,781	0,005	0,287
CHR13	8962759	CHR13:8962759	SSF x Far_LoA	-10,488	-0,004	0,291
CHR13	8962769	CHR13:8962769	SSF x Far_LoA	-8,272	0,023	0,297
CHR13	8962943	CHR13:8962943	SSF x Far_LoA	-7,488	0,114	0,293
CHR13	8962955	CHR13:8962955	SSF x Far_LoA	-8,051	0,088	0,293
CHR13	8962979	CHR13:8962979	SSF x Far_LoA	-8,002	-0,154	0,271
CHR13	8963001	CHR13:8963001	SSF x Far_LoA	-8,452	0,089	0,293
CHR13	8963058	CHR13:8963058	SSF x Far_LoA	-8,359	-0,101	0,287
CHR13	8963060	CHR13:8963060	SSF x Far_LoA	-6,963	0,130	0,286
CHR13	8963064	CHR13:8963064	SSF x Far_LoA	-9,722	0,136	0,293
CHR13	8963081	CHR13:8963081	SSF x Far_LoA	-6,541	-0,126	0,273
CHR13	8963122	CHR13:8963122	SSF x Far_LoA	-0,617	0,227	0,298
CHR13	8984886	CHR13:8984886	SSF x Far_LoA	-4,723	-0,084	0,282
CHR13	8986859	CHR13:8986859	SSF x Far_LoA	-2,642	-0,154	0,293
CHR13	8986924	CHR13:8986924	SSF x Far_LoA	-11,580	0,076	0,296
CHR13	8989503	CHR13:8989503	SSF x Far_LoA	-10,296	0,085	0,296
CHR13	8989722	CHR13:8989722	SSF x Far_LoA	-5,627	-0,099	0,293
CHR13	8989755	CHR13:8989755	SSF x Far_LoA	-12,262	-0,022	0,300
CHR13	8989788	CHR13:8989788	SSF x Far_LoA	-7,265	-0,040	0,305
CHR13	8989797	CHR13:8989797	SSF x Far_LoA	-9,281	-0,010	0,294
CHR13	8995409	CHR13:8995409	SSF x Far_LoA	-8,507	0,031	0,277
CHR13	8995503	CHR13:8995503	SSF x Far_LoA	-10,575	0,037	0,286
CHR13	8997390	CHR13:8997390	SSF x Far_LoA	-9,032	0,023	0,298
CHR13	8997403	CHR13:8997403	SSF x Far_LoA	-8,909	0,056	0,293
CHR13	8997424	CHR13:8997424	SSF x Far_LoA	-9,246	-0,054	0,301
CHR13	8997448	CHR13:8997448	SSF x Far_LoA	-11,424	-0,001	0,288
CHR13	9019972	CHR13:9019972	SSF x Far_LoA	-6,734	0,134	0,297
CHR13	9020036	CHR13:9020036	SSF x Far_LoA	-6,717	-0,119	0,293
CHR13	9020173	CHR13:9020173	SSF x Far_LoA	-11,856	-0,019	0,279
CHR13	9023674	CHR13:9023674	SSF x Far_LoA	-12,046	-0,098	0,290
CHR13	9023855	CHR13:9023855	SSF x Far_LoA	-11,816	0,090	0,273
CHR13	9023896	CHR13:9023896	SSF x Far_LoA	-9,361	-0,099	0,298
CHR13	9026015	CHR13:9026015	SSF x Far_LoA	-8,796	0,041	0,307
CHR13	902995	CHR13:902995	SSF x Far_LoA	-6,621	0,163	0,296

CHR13	9031156	CHR13:9031156	SSF x Far_LoA	-8,831	0,009	0,301
CHR13	9031157	CHR13:9031157	SSF x Far_LoA	-7,947	-0,111	0,287
CHR13	9031304	CHR13:9031304	SSF x Far_LoA	-11,350	-0,037	0,287
CHR13	903140	CHR13:903140	SSF x Far_LoA	-10,376	0,039	0,294
CHR13	904309	CHR13:904309	SSF x Far_LoA	-10,813	0,087	0,281
CHR13	904409	CHR13:904409	SSF x Far_LoA	-9,516	-0,070	0,287
CHR13	9044767	CHR13:9044767	SSF x Far_LoA	-9,302	-0,045	0,298
CHR13	9044897	CHR13:9044897	SSF x Far_LoA	-8,160	-0,076	0,274
CHR13	9047200	CHR13:9047200	SSF x Far_LoA	-6,574	0,139	0,304
CHR13	9047391	CHR13:9047391	SSF x Far_LoA	-10,328	0,020	0,295
CHR13	9049884	CHR13:9049884	SSF x Far_LoA	-9,410	0,039	0,279
CHR13	9079827	CHR13:9079827	SSF x Far_LoA	-8,234	0,197	0,271
CHR13	9079994	CHR13:9079994	SSF x Far_LoA	-8,967	0,071	0,278
CHR13	9080003	CHR13:9080003	SSF x Far_LoA	-7,656	0,098	0,294
CHR13	9099942	CHR13:9099942	SSF x Far_LoA	-7,020	0,115	0,287
CHR13	9099949	CHR13:9099949	SSF x Far_LoA	-5,501	0,144	0,275
CHR13	9099988	CHR13:9099988	SSF x Far_LoA	-10,159	0,056	0,280
CHR13	9101721	CHR13:9101721	SSF x Far_LoA	-10,752	0,102	0,291
CHR13	911032	CHR13:911032	SSF x Far_LoA	-9,159	-0,075	0,290
CHR13	911084	CHR13:911084	SSF x Far_LoA	-9,115	-0,032	0,288
CHR13	9150743	CHR13:9150743	SSF x Far_LoA	-9,342	0,015	0,295
CHR13	9150787	CHR13:9150787	SSF x Far_LoA	-9,189	-0,016	0,307
CHR13	919706	CHR13:919706	SSF x Far_LoA	-8,396	0,029	0,289
CHR13	919935	CHR13:919935	SSF x Far_LoA	-9,352	0,090	0,275
CHR13	9206333	CHR13:9206333	SSF x Far_LoA	-8,301	0,016	0,317
CHR13	9208477	CHR13:9208477	SSF x Far_LoA	-8,465	-0,009	0,305
CHR13	9222733	CHR13:9222733	SSF x Far_LoA	-9,124	0,000	0,318
CHR13	9253364	CHR13:9253364	SSF x Far_LoA	-7,693	-0,045	0,300
CHR13	9255564	CHR13:9255564	SSF x Far_LoA	-8,128	0,109	0,290
CHR13	9268124	CHR13:9268124	SSF x Far_LoA	-0,282	-0,032	0,305
CHR13	9268187	CHR13:9268187	SSF x Far_LoA	-4,321	0,045	0,278
CHR13	9282356	CHR13:9282356	SSF x Far_LoA	-8,425	-0,056	0,296
CHR13	9286669	CHR13:9286669	SSF x Far_LoA	-9,930	-0,070	0,289
CHR13	9286698	CHR13:9286698	SSF x Far_LoA	-8,626	0,064	0,283
CHR13	9292824	CHR13:9292824	SSF x Far_LoA	-8,522	0,086	0,279
CHR13	9292832	CHR13:9292832	SSF x Far_LoA	-6,785	-0,058	0,290
CHR13	9301005	CHR13:9301005	SSF x Far_LoA	-4,663	0,125	0,282
CHR13	9301475	CHR13:9301475	SSF x Far_LoA	-8,426	0,015	0,275
CHR13	9307097	CHR13:9307097	SSF x Far_LoA	-11,200	-0,057	0,292
CHR13	9307118	CHR13:9307118	SSF x Far_LoA	-12,122	-0,026	0,296
CHR13	9307209	CHR13:9307209	SSF x Far_LoA	-7,082	-0,059	0,298
CHR13	9307338	CHR13:9307338	SSF x Far_LoA	-11,127	-0,012	0,285
CHR13	9311970	CHR13:9311970	SSF x Far_LoA	-7,925	-0,025	0,302
CHR13	9312154	CHR13:9312154	SSF x Far_LoA	-9,449	0,006	0,279
CHR13	9312209	CHR13:9312209	SSF x Far_LoA	-10,114	-0,036	0,300
CHR13	9319928	CHR13:9319928	SSF x Far_LoA	-8,775	-0,099	0,284
CHR13	9320035	CHR13:9320035	SSF x Far_LoA	-4,291	-0,107	0,294
CHR13	932329	CHR13:932329	SSF x Far_LoA	-11,893	0,054	0,289
CHR13	932390	CHR13:932390	SSF x Far_LoA	-10,584	-0,032	0,300
CHR13	9325522	CHR13:9325522	SSF x Far_LoA	-6,906	0,045	0,301
CHR13	9325589	CHR13:9325589	SSF x Far_LoA	-8,245	-0,114	0,287
CHR13	9325597	CHR13:9325597	SSF x Far_LoA	-7,537	0,115	0,294
CHR13	9325619	CHR13:9325619	SSF x Far_LoA	-8,189	-0,102	0,278

CHR13	9325634	CHR13:9325634	SSF x Far_LoA	-6,557	-0,094	0,286
CHR13	932570	CHR13:932570	SSF x Far_LoA	-9,692	0,055	0,286
CHR13	9368143	CHR13:9368143	SSF x Far_LoA	-8,176	0,080	0,309
CHR13	936842	CHR13:936842	SSF x Far_LoA	-8,025	-0,084	0,295
CHR13	937016	CHR13:937016	SSF x Far_LoA	-10,142	0,043	0,287
CHR13	937032	CHR13:937032	SSF x Far_LoA	-10,022	-0,050	0,292
CHR13	937034	CHR13:937034	SSF x Far_LoA	-10,257	-0,025	0,297
CHR13	937037	CHR13:937037	SSF x Far_LoA	-11,446	-0,017	0,296
CHR13	937040	CHR13:937040	SSF x Far_LoA	-6,022	-0,035	0,300
CHR13	9373500	CHR13:9373500	SSF x Far_LoA	-7,389	0,011	0,297
CHR13	9373526	CHR13:9373526	SSF x Far_LoA	-9,125	0,044	0,291
CHR13	9373584	CHR13:9373584	SSF x Far_LoA	-6,793	0,015	0,298
CHR13	9373665	CHR13:9373665	SSF x Far_LoA	-6,291	-0,080	0,294
CHR13	9373681	CHR13:9373681	SSF x Far_LoA	-10,205	-0,031	0,292
CHR13	9385983	CHR13:9385983	SSF x Far_LoA	-8,849	0,075	0,291
CHR13	9386057	CHR13:9386057	SSF x Far_LoA	-6,401	-0,139	0,296
CHR13	9386066	CHR13:9386066	SSF x Far_LoA	-1,601	0,008	0,288
CHR13	938747	CHR13:938747	SSF x Far_LoA	-8,599	-0,013	0,298
CHR13	938764	CHR13:938764	SSF x Far_LoA	-2,074	0,034	0,299
CHR13	9409152	CHR13:9409152	SSF x Far_LoA	-11,863	0,005	0,286
CHR13	9409352	CHR13:9409352	SSF x Far_LoA	-8,985	0,002	0,292
CHR13	9409373	CHR13:9409373	SSF x Far_LoA	-9,543	0,017	0,293
CHR13	9434693	CHR13:9434693	SSF x Far_LoA	-9,969	0,051	0,289
CHR13	9434820	CHR13:9434820	SSF x Far_LoA	-10,960	0,068	0,286
CHR13	9436977	CHR13:9436977	SSF x Far_LoA	-8,956	-0,090	0,261
CHR13	9436989	CHR13:9436989	SSF x Far_LoA	-10,463	-0,002	0,270
CHR13	9439657	CHR13:9439657	SSF x Far_LoA	-6,578	0,128	0,285
CHR13	9462633	CHR13:9462633	SSF x Far_LoA	-8,541	0,048	0,303
CHR13	9489549	CHR13:9489549	SSF x Far_LoA	-8,702	-0,096	0,295
CHR13	9489797	CHR13:9489797	SSF x Far_LoA	-9,033	0,070	0,266
CHR13	9501575	CHR13:9501575	SSF x Far_LoA	-11,860	-0,029	0,289
CHR13	9501686	CHR13:9501686	SSF x Far_LoA	-7,840	-0,058	0,303
CHR13	9501865	CHR13:9501865	SSF x Far_LoA	-8,575	0,088	0,285
CHR13	9517074	CHR13:9517074	SSF x Far_LoA	-9,061	-0,017	0,305
CHR13	9517262	CHR13:9517262	SSF x Far_LoA	-11,257	0,001	0,297
CHR13	9519285	CHR13:9519285	SSF x Far_LoA	-10,940	0,014	0,293
CHR13	9519474	CHR13:9519474	SSF x Far_LoA	-11,467	-0,075	0,297
CHR13	9581181	CHR13:9581181	SSF x Far_LoA	-10,808	0,022	0,299
CHR13	9581290	CHR13:9581290	SSF x Far_LoA	-9,895	-0,014	0,296
CHR13	958318	CHR13:958318	SSF x Far_LoA	-11,204	0,023	0,293
CHR13	958350	CHR13:958350	SSF x Far_LoA	-10,837	0,007	0,283
CHR13	958422	CHR13:958422	SSF x Far_LoA	-10,615	-0,053	0,306
CHR13	961128	CHR13:961128	SSF x Far_LoA	-11,602	-0,023	0,272
CHR13	961204	CHR13:961204	SSF x Far_LoA	-8,452	-0,063	0,295
CHR13	961215	CHR13:961215	SSF x Far_LoA	-8,469	-0,059	0,295
CHR13	961216	CHR13:961216	SSF x Far_LoA	-6,079	-0,035	0,296
CHR13	9622442	CHR13:9622442	SSF x Far_LoA	-6,283	0,174	0,275
CHR13	9622452	CHR13:9622452	SSF x Far_LoA	-9,204	0,107	0,299
CHR13	9622529	CHR13:9622529	SSF x Far_LoA	-11,536	0,018	0,292
CHR13	9622641	CHR13:9622641	SSF x Far_LoA	-7,634	-0,138	0,299
CHR13	962359	CHR13:962359	SSF x Far_LoA	-8,597	-0,060	0,292
CHR13	962387	CHR13:962387	SSF x Far_LoA	-7,981	0,074	0,275
CHR13	9633682	CHR13:9633682	SSF x Far_LoA	3,511	0,059	0,301

CHR13	9633692	CHR13:9633692	SSF x Far_LoA	-6,380	-0,178	0,288
CHR13	9634070	CHR13:9634070	SSF x Far_LoA	-10,532	0,134	0,290
CHR13	9634100	CHR13:9634100	SSF x Far_LoA	-8,819	-0,121	0,283
CHR13	9634103	CHR13:9634103	SSF x Far_LoA	-10,340	0,008	0,293
CHR13	9634147	CHR13:9634147	SSF x Far_LoA	-10,279	0,005	0,292
CHR13	9642455	CHR13:9642455	SSF x Far_LoA	-6,929	-0,034	0,296
CHR13	967153	CHR13:967153	SSF x Far_LoA	-9,407	-0,055	0,291
CHR13	967214	CHR13:967214	SSF x Far_LoA	-10,332	-0,091	0,303
CHR13	967252	CHR13:967252	SSF x Far_LoA	-7,723	0,018	0,293
CHR13	969916	CHR13:969916	SSF x Far_LoA	-12,113	-0,053	0,287
CHR13	969928	CHR13:969928	SSF x Far_LoA	-7,586	0,114	0,300
CHR13	9700100	CHR13:9700100	SSF x Far_LoA	-10,695	0,060	0,278
CHR13	9737662	CHR13:9737662	SSF x Far_LoA	-8,975	0,064	0,278
CHR13	9760932	CHR13:9760932	SSF x Far_LoA	-7,222	0,150	0,283
CHR13	9764342	CHR13:9764342	SSF x Far_LoA	-7,481	0,233	0,266
CHR13	9764362	CHR13:9764362	SSF x Far_LoA	-8,939	-0,004	0,303
CHR13	9764439	CHR13:9764439	SSF x Far_LoA	-4,769	0,197	0,289
CHR13	9764602	CHR13:9764602	SSF x Far_LoA	-11,718	0,029	0,294
CHR13	9777388	CHR13:9777388	SSF x Far_LoA	-9,129	-0,073	0,301
CHR13	9777652	CHR13:9777652	SSF x Far_LoA	-11,308	0,061	0,285
CHR13	9792356	CHR13:9792356	SSF x Far_LoA	-7,775	0,113	0,299
CHR13	9795414	CHR13:9795414	SSF x Far_LoA	-10,626	0,018	0,294
CHR13	9795451	CHR13:9795451	SSF x Far_LoA	-5,118	-0,040	0,273
CHR13	9807017	CHR13:9807017	SSF x Far_LoA	-9,445	0,114	0,281
CHR13	9814206	CHR13:9814206	SSF x Far_LoA	-7,663	0,131	0,284
CHR13	9817459	CHR13:9817459	SSF x Far_LoA	-8,089	0,109	0,284
CHR13	9817494	CHR13:9817494	SSF x Far_LoA	-10,203	-0,102	0,288
CHR13	9817495	CHR13:9817495	SSF x Far_LoA	-9,123	-0,082	0,292
CHR13	9817516	CHR13:9817516	SSF x Far_LoA	-9,352	-0,071	0,304
CHR13	9817629	CHR13:9817629	SSF x Far_LoA	-10,020	-0,074	0,309
CHR13	9817735	CHR13:9817735	SSF x Far_LoA	-9,960	0,005	0,291
CHR13	9817753	CHR13:9817753	SSF x Far_LoA	-10,476	0,000	0,293
CHR13	9829249	CHR13:9829249	SSF x Far_LoA	-9,261	0,026	0,300
CHR13	9829282	CHR13:9829282	SSF x Far_LoA	-9,346	-0,090	0,287
CHR13	9829399	CHR13:9829399	SSF x Far_LoA	-8,633	0,010	0,275
CHR13	9829478	CHR13:9829478	SSF x Far_LoA	-9,931	-0,053	0,279
CHR13	9838857	CHR13:9838857	SSF x Far_LoA	-8,800	0,028	0,303
CHR13	9839005	CHR13:9839005	SSF x Far_LoA	-8,739	0,055	0,296
CHR13	9841550	CHR13:9841550	SSF x Far_LoA	-8,933	0,001	0,291
CHR13	9842493	CHR13:9842493	SSF x Far_LoA	-9,553	0,012	0,290
CHR13	9847812	CHR13:9847812	SSF x Far_LoA	-11,158	0,049	0,291
CHR13	9848078	CHR13:9848078	SSF x Far_LoA	-10,814	-0,029	0,302
CHR13	9850517	CHR13:9850517	SSF x Far_LoA	-6,663	-0,179	0,278
CHR13	9850533	CHR13:9850533	SSF x Far_LoA	-6,675	-0,144	0,292
CHR13	9850612	CHR13:9850612	SSF x Far_LoA	-8,125	-0,013	0,304
CHR13	9874138	CHR13:9874138	SSF x Far_LoA	-7,251	-0,158	0,271
CHR13	9874203	CHR13:9874203	SSF x Far_LoA	-5,517	-0,042	0,291
CHR13	9886651	CHR13:9886651	SSF x Far_LoA	-10,729	-0,047	0,303
CHR13	9887862	CHR13:9887862	SSF x Far_LoA	-10,669	0,162	0,279
CHR13	9910691	CHR13:9910691	SSF x Far_LoA	-10,411	-0,057	0,290
CHR13	991651	CHR13:991651	SSF x Far_LoA	-9,123	-0,093	0,302
CHR13	991809	CHR13:991809	SSF x Far_LoA	-7,742	-0,158	0,281
CHR13	991886	CHR13:991886	SSF x Far_LoA	-11,267	-0,026	0,304

CHR13	9920320	CHR13:9920320	SSF x Far_LoA	-9,079	-0,016	0,273
CHR13	9920398	CHR13:9920398	SSF x Far_LoA	-10,553	-0,116	0,285
CHR13	9921167	CHR13:9921167	SSF x Far_LoA	-11,334	0,043	0,299
CHR13	9921264	CHR13:9921264	SSF x Far_LoA	-10,444	0,077	0,297
CHR13	9924324	CHR13:9924324	SSF x Far_LoA	-9,900	-0,044	0,291
CHR13	9943003	CHR13:9943003	SSF x Far_LoA	-5,513	-0,116	0,300
CHR13	9951374	CHR13:9951374	SSF x Far_LoA	-10,550	0,052	0,302
CHR13	9951547	CHR13:9951547	SSF x Far_LoA	-6,409	-0,157	0,300
CHR13	9957736	CHR13:9957736	SSF x Far_LoA	-1,485	-0,232	0,287
CHR13	9957901	CHR13:9957901	SSF x Far_LoA	-11,539	-0,059	0,288
CHR13	9960290	CHR13:9960290	SSF x Far_LoA	-9,012	-0,055	0,280
CHR13	9960292	CHR13:9960292	SSF x Far_LoA	-7,997	-0,039	0,302
CHR13	9960346	CHR13:9960346	SSF x Far_LoA	-7,688	-0,035	0,291
CHR13	9960358	CHR13:9960358	SSF x Far_LoA	-7,468	0,060	0,298
CHR13	9960457	CHR13:9960457	SSF x Far_LoA	-6,388	-0,042	0,288
CHR13	9960502	CHR13:9960502	SSF x Far_LoA	-10,342	-0,046	0,294
CHR13	9960540	CHR13:9960540	SSF x Far_LoA	-6,211	0,093	0,298
CHR13	9970959	CHR13:9970959	SSF x Far_LoA	-8,420	-0,054	0,294
CHR13	9974615	CHR13:9974615	SSF x Far_LoA	-8,826	-0,082	0,291
CHR13	9975552	CHR13:9975552	SSF x Far_LoA	-11,316	0,023	0,297
CHR13	9975607	CHR13:9975607	SSF x Far_LoA	-9,867	-0,092	0,291
CHR13	9977365	CHR13:9977365	SSF x Far_LoA	-11,293	0,055	0,288
CHR13	9983122	CHR13:9983122	SSF x Far_LoA	-7,868	0,084	0,286
CHR13	9995276	CHR13:9995276	SSF x Far_LoA	-10,909	0,016	0,293
CHR13	9995367	CHR13:9995367	SSF x Far_LoA	-7,590	-0,025	0,290
CHR13	9995424	CHR13:9995424	SSF x Far_LoA	-9,648	-0,042	0,284
CHR13	9995456	CHR13:9995456	SSF x Far_LoA	-10,810	-0,061	0,291
CHR13	9997160	CHR13:9997160	SSF x Far_LoA	-8,432	-0,065	0,288
CHR14	1E+07	CHR14:1001455	SSF x Far_LoA	-11,303	-0,005	0,291
CHR14	1E+07	CHR14:1002183	SSF x Far_LoA	-8,568	-0,109	0,274
CHR14	1E+07	CHR14:1002193	SSF x Far_LoA	-5,507	0,057	0,293
CHR14	1E+07	CHR14:1002194	SSF x Far_LoA	-8,840	0,090	0,278
CHR14	1004935	CHR14:1004935	SSF x Far_LoA	-7,574	-0,138	0,291
CHR14	1E+07	CHR14:1005141	SSF x Far_LoA	-7,475	-0,006	0,286
CHR14	1005180	CHR14:1005180	SSF x Far_LoA	-6,139	-0,073	0,299
CHR14	1E+07	CHR14:1005495	SSF x Far_LoA	-10,323	0,075	0,293
CHR14	1E+07	CHR14:1006889	SSF x Far_LoA	-10,743	0,068	0,306
CHR14	1E+07	CHR14:1009965	SSF x Far_LoA	-8,736	-0,005	0,295
CHR14	1E+07	CHR14:1009990	SSF x Far_LoA	-11,405	0,011	0,304
CHR14	1E+07	CHR14:1011966	SSF x Far_LoA	-10,400	0,050	0,293
CHR14	1E+07	CHR14:1011967	SSF x Far_LoA	-7,182	0,122	0,290
CHR14	1E+07	CHR14:1011970	SSF x Far_LoA	-8,351	0,090	0,298
CHR14	1E+07	CHR14:1012035	SSF x Far_LoA	-9,341	0,003	0,285
CHR14	1E+07	CHR14:1012038	SSF x Far_LoA	-12,157	-0,003	0,285
CHR14	1E+07	CHR14:1012041	SSF x Far_LoA	-7,231	-0,140	0,289
CHR14	1E+07	CHR14:1012041	SSF x Far_LoA	-8,941	-0,037	0,289
CHR14	1E+07	CHR14:1012049	SSF x Far_LoA	-10,316	0,001	0,301
CHR14	1E+07	CHR14:1012050	SSF x Far_LoA	-10,534	0,075	0,296
CHR14	1E+07	CHR14:1014462	SSF x Far_LoA	-11,055	-0,080	0,275
CHR14	1E+07	CHR14:1015233	SSF x Far_LoA	-5,396	0,245	0,260
CHR14	1E+07	CHR14:1015268	SSF x Far_LoA	-9,146	-0,059	0,297
CHR14	1E+07	CHR14:1016268	SSF x Far_LoA	-11,128	0,040	0,278
CHR14	1E+07	CHR14:1016276	SSF x Far_LoA	-9,188	-0,096	0,269

CHR14	1E+07	CHR14:10162852	SSF x Far_LoA	-6,984	-0,142	0,276
CHR14	1E+07	CHR14:10176376	SSF x Far_LoA	-7,649	0,015	0,297
CHR14	1E+07	CHR14:10184177	SSF x Far_LoA	-7,263	0,097	0,274
CHR14	1E+07	CHR14:10191108	SSF x Far_LoA	-6,873	0,101	0,284
CHR14	1E+07	CHR14:10191112	SSF x Far_LoA	-7,515	0,145	0,273
CHR14	1E+07	CHR14:10200794	SSF x Far_LoA	-9,121	0,002	0,275
CHR14	1E+07	CHR14:10203043	SSF x Far_LoA	-10,191	-0,059	0,299
CHR14	1E+07	CHR14:10230333	SSF x Far_LoA	-9,866	-0,007	0,300
CHR14	1E+07	CHR14:10230371	SSF x Far_LoA	-10,388	-0,003	0,292
CHR14	1E+07	CHR14:10230419	SSF x Far_LoA	-8,108	0,024	0,293
CHR14	1E+07	CHR14:10231011	SSF x Far_LoA	-11,352	-0,025	0,296
CHR14	1E+07	CHR14:10235537	SSF x Far_LoA	-8,343	0,067	0,292
CHR14	1E+07	CHR14:10235547	SSF x Far_LoA	-9,379	-0,021	0,299
CHR14	1E+07	CHR14:10235581	SSF x Far_LoA	-10,474	0,007	0,286
CHR14	1E+07	CHR14:10239040	SSF x Far_LoA	-9,973	0,025	0,287
CHR14	1E+07	CHR14:10239068	SSF x Far_LoA	-10,054	0,007	0,273
CHR14	1E+07	CHR14:10239151	SSF x Far_LoA	-6,917	-0,145	0,295
CHR14	1E+07	CHR14:10239195	SSF x Far_LoA	-5,443	0,190	0,277
CHR14	1E+07	CHR14:10239208	SSF x Far_LoA	-11,074	-0,033	0,280
CHR14	1E+07	CHR14:10244452	SSF x Far_LoA	-6,826	-0,094	0,294
CHR14	1E+07	CHR14:10244464	SSF x Far_LoA	-7,941	-0,067	0,286
CHR14	1E+07	CHR14:10244476	SSF x Far_LoA	-6,337	-0,140	0,284
CHR14	1E+07	CHR14:10256949	SSF x Far_LoA	-7,569	0,017	0,302
CHR14	1E+07	CHR14:10257235	SSF x Far_LoA	-10,091	-0,068	0,287
CHR14	1E+07	CHR14:10267905	SSF x Far_LoA	-7,386	-0,152	0,290
CHR14	1E+07	CHR14:10267932	SSF x Far_LoA	-10,526	0,031	0,295
CHR14	1E+07	CHR14:10267934	SSF x Far_LoA	-8,409	-0,004	0,286
CHR14	1E+07	CHR14:10268093	SSF x Far_LoA	-10,749	0,133	0,289
CHR14	1028901	CHR14:1028901	SSF x Far_LoA	-9,349	0,068	0,288
CHR14	1029666	CHR14:1029666	SSF x Far_LoA	-8,968	0,053	0,295
CHR14	1E+07	CHR14:10297423	SSF x Far_LoA	-9,007	0,121	0,282
CHR14	1032989	CHR14:1032989	SSF x Far_LoA	-10,925	0,020	0,308
CHR14	1033148	CHR14:1033148	SSF x Far_LoA	-8,356	-0,122	0,292
CHR14	1034756	CHR14:1034756	SSF x Far_LoA	-10,735	-0,019	0,282
CHR14	1035202	CHR14:1035202	SSF x Far_LoA	-7,312	-0,097	0,283
CHR14	1E+07	CHR14:10418807	SSF x Far_LoA	-9,232	-0,053	0,306
CHR14	1E+07	CHR14:10419082	SSF x Far_LoA	-8,324	-0,052	0,291
CHR14	1E+07	CHR14:10422958	SSF x Far_LoA	-9,524	0,028	0,295
CHR14	1E+07	CHR14:10442899	SSF x Far_LoA	-7,633	0,082	0,304
CHR14	1E+07	CHR14:10442987	SSF x Far_LoA	-11,948	0,010	0,293
CHR14	1E+07	CHR14:10443069	SSF x Far_LoA	-8,514	-0,061	0,295
CHR14	1E+07	CHR14:10447872	SSF x Far_LoA	-8,574	-0,059	0,310
CHR14	1E+07	CHR14:10447971	SSF x Far_LoA	-8,422	0,092	0,289
CHR14	1E+07	CHR14:10448044	SSF x Far_LoA	-7,505	-0,124	0,289
CHR14	1E+07	CHR14:10467483	SSF x Far_LoA	-8,776	-0,083	0,302
CHR14	1E+07	CHR14:10467825	SSF x Far_LoA	-10,215	-0,078	0,294
CHR14	1E+07	CHR14:10493506	SSF x Far_LoA	0,713	0,235	0,276
CHR14	1E+07	CHR14:10493511	SSF x Far_LoA	-1,853	0,213	0,271
CHR14	1E+07	CHR14:10493588	SSF x Far_LoA	-9,649	0,159	0,284
CHR14	1E+07	CHR14:10493607	SSF x Far_LoA	-6,947	-0,063	0,282
CHR14	1E+07	CHR14:10498081	SSF x Far_LoA	-9,093	-0,009	0,292
CHR14	10503812	CHR14:10503812	SSF x Far_LoA	-9,495	0,054	0,292
CHR14	10504026	CHR14:10504026	SSF x Far_LoA	-8,058	-0,052	0,287

CHR14	10523724	CHR14:10523724	SSF x Far_LoA	-10,841	-0,026	0,298
CHR14	10542135	CHR14:10542135	SSF x Far_LoA	-10,306	-0,065	0,285
CHR14	10542360	CHR14:10542360	SSF x Far_LoA	-7,662	0,104	0,297
CHR14	10544485	CHR14:10544485	SSF x Far_LoA	-8,327	0,026	0,296
CHR14	10544682	CHR14:10544682	SSF x Far_LoA	-8,881	0,069	0,279
CHR14	10544690	CHR14:10544690	SSF x Far_LoA	-10,750	-0,056	0,295
CHR14	10562177	CHR14:10562177	SSF x Far_LoA	-9,578	0,033	0,274
CHR14	10562400	CHR14:10562400	SSF x Far_LoA	-12,236	-0,006	0,296
CHR14	1057200	CHR14:1057200	SSF x Far_LoA	-9,290	-0,028	0,296
CHR14	1057326	CHR14:1057326	SSF x Far_LoA	-8,047	-0,050	0,287
CHR14	10577319	CHR14:10577319	SSF x Far_LoA	-4,512	-0,184	0,284
CHR14	10577478	CHR14:10577478	SSF x Far_LoA	-9,148	0,033	0,301
CHR14	10578443	CHR14:10578443	SSF x Far_LoA	-4,070	0,253	0,281
CHR14	10591741	CHR14:10591741	SSF x Far_LoA	-7,795	-0,001	0,295
CHR14	10608726	CHR14:10608726	SSF x Far_LoA	-8,221	-0,113	0,287
CHR14	10608853	CHR14:10608853	SSF x Far_LoA	-7,424	0,082	0,281
CHR14	10608862	CHR14:10608862	SSF x Far_LoA	-8,945	0,072	0,300
CHR14	10616235	CHR14:10616235	SSF x Far_LoA	-7,660	-0,109	0,293
CHR14	10629085	CHR14:10629085	SSF x Far_LoA	-11,009	-0,008	0,297
CHR14	10639669	CHR14:10639669	SSF x Far_LoA	-10,188	-0,047	0,311
CHR14	10644492	CHR14:10644492	SSF x Far_LoA	-10,258	0,049	0,295
CHR14	10644583	CHR14:10644583	SSF x Far_LoA	-8,348	0,116	0,287
CHR14	1064900	CHR14:1064900	SSF x Far_LoA	-10,928	0,002	0,291
CHR14	1064934	CHR14:1064934	SSF x Far_LoA	-7,354	-0,089	0,295
CHR14	1065111	CHR14:1065111	SSF x Far_LoA	-9,347	-0,045	0,302
CHR14	1065137	CHR14:1065137	SSF x Far_LoA	-9,464	-0,019	0,288
CHR14	10652844	CHR14:10652844	SSF x Far_LoA	-11,048	0,045	0,293
CHR14	10652853	CHR14:10652853	SSF x Far_LoA	-9,054	0,124	0,281
CHR14	10653084	CHR14:10653084	SSF x Far_LoA	-10,083	-0,143	0,304
CHR14	10665705	CHR14:10665705	SSF x Far_LoA	-9,272	-0,146	0,286
CHR14	1067789	CHR14:1067789	SSF x Far_LoA	-10,265	0,020	0,302
CHR14	10678429	CHR14:10678429	SSF x Far_LoA	-8,211	0,062	0,289
CHR14	10678460	CHR14:10678460	SSF x Far_LoA	-9,075	0,145	0,284
CHR14	10678546	CHR14:10678546	SSF x Far_LoA	-9,244	0,126	0,300
CHR14	10692120	CHR14:10692120	SSF x Far_LoA	-10,323	-0,030	0,290
CHR14	10692158	CHR14:10692158	SSF x Far_LoA	-4,153	0,146	0,310
CHR14	10749814	CHR14:10749814	SSF x Far_LoA	-6,515	0,156	0,292
CHR14	10789919	CHR14:10789919	SSF x Far_LoA	-5,407	-0,147	0,280
CHR14	1084526	CHR14:1084526	SSF x Far_LoA	-7,612	0,083	0,305
CHR14	1085273	CHR14:1085273	SSF x Far_LoA	-8,859	-0,058	0,298
CHR14	1085420	CHR14:1085420	SSF x Far_LoA	-11,168	0,049	0,281
CHR14	10870538	CHR14:10870538	SSF x Far_LoA	-9,413	-0,046	0,297
CHR14	10870576	CHR14:10870576	SSF x Far_LoA	-8,573	-0,034	0,277
CHR14	10870644	CHR14:10870644	SSF x Far_LoA	-9,573	0,027	0,286
CHR14	10870718	CHR14:10870718	SSF x Far_LoA	-7,580	0,064	0,294
CHR14	10873035	CHR14:10873035	SSF x Far_LoA	-9,335	0,099	0,291
CHR14	10873098	CHR14:10873098	SSF x Far_LoA	-9,471	0,093	0,294
CHR14	10873187	CHR14:10873187	SSF x Far_LoA	-6,856	0,078	0,308
CHR14	10873199	CHR14:10873199	SSF x Far_LoA	-9,625	-0,085	0,289
CHR14	10873376	CHR14:10873376	SSF x Far_LoA	-9,481	0,019	0,285
CHR14	10914638	CHR14:10914638	SSF x Far_LoA	-10,426	0,036	0,294
CHR14	10914788	CHR14:10914788	SSF x Far_LoA	-8,784	-0,064	0,293
CHR14	10949764	CHR14:10949764	SSF x Far_LoA	-11,201	-0,068	0,308

CHR14	10949937	CHR14:10949937	SSF x Far_LoA	-7,600	0,048	0,294
CHR14	10955935	CHR14:10955935	SSF x Far_LoA	-10,108	-0,073	0,282
CHR14	10957856	CHR14:10957856	SSF x Far_LoA	-9,583	-0,111	0,292
CHR14	11059697	CHR14:11059697	SSF x Far_LoA	-10,767	0,080	0,281
CHR14	11059807	CHR14:11059807	SSF x Far_LoA	-10,978	0,103	0,281
CHR14	1108265	CHR14:1108265	SSF x Far_LoA	-8,555	0,005	0,288
CHR14	11194582	CHR14:11194582	SSF x Far_LoA	-8,641	-0,168	0,285
CHR14	11194653	CHR14:11194653	SSF x Far_LoA	-9,303	-0,034	0,296
CHR14	11227511	CHR14:11227511	SSF x Far_LoA	-8,630	-0,025	0,288
CHR14	11307047	CHR14:11307047	SSF x Far_LoA	-8,526	0,061	0,285
CHR14	11312820	CHR14:11312820	SSF x Far_LoA	-11,268	0,009	0,282
CHR14	11342407	CHR14:11342407	SSF x Far_LoA	-7,360	-0,141	0,281
CHR14	11344640	CHR14:11344640	SSF x Far_LoA	-5,387	-0,162	0,281
CHR14	11348270	CHR14:11348270	SSF x Far_LoA	-6,344	-0,180	0,268
CHR14	11348273	CHR14:11348273	SSF x Far_LoA	-8,857	0,098	0,292
CHR14	11348279	CHR14:11348279	SSF x Far_LoA	-5,395	0,080	0,289
CHR14	11364430	CHR14:11364430	SSF x Far_LoA	-8,433	-0,162	0,286
CHR14	11366735	CHR14:11366735	SSF x Far_LoA	-7,846	-0,095	0,294
CHR14	11377136	CHR14:11377136	SSF x Far_LoA	-10,269	-0,006	0,289
CHR14	11405251	CHR14:11405251	SSF x Far_LoA	-6,336	-0,053	0,292
CHR14	11408900	CHR14:11408900	SSF x Far_LoA	-8,505	-0,097	0,290
CHR14	11409093	CHR14:11409093	SSF x Far_LoA	-6,547	-0,130	0,290
CHR14	11413202	CHR14:11413202	SSF x Far_LoA	-8,612	-0,087	0,283
CHR14	11420573	CHR14:11420573	SSF x Far_LoA	-12,014	-0,009	0,276
CHR14	11421359	CHR14:11421359	SSF x Far_LoA	-8,193	-0,066	0,284
CHR14	11442014	CHR14:11442014	SSF x Far_LoA	-8,332	-0,064	0,288
CHR14	11442112	CHR14:11442112	SSF x Far_LoA	-7,079	0,126	0,301
CHR14	11442341	CHR14:11442341	SSF x Far_LoA	-7,617	0,133	0,294
CHR14	1145007	CHR14:1145007	SSF x Far_LoA	-8,840	-0,016	0,289
CHR14	11496775	CHR14:11496775	SSF x Far_LoA	-10,965	0,046	0,278
CHR14	11499242	CHR14:11499242	SSF x Far_LoA	-8,727	0,034	0,295
CHR14	11499326	CHR14:11499326	SSF x Far_LoA	-9,429	-0,024	0,302
CHR14	11508644	CHR14:11508644	SSF x Far_LoA	-4,484	0,021	0,292
CHR14	11522318	CHR14:11522318	SSF x Far_LoA	-9,942	-0,047	0,290
CHR14	1153389	CHR14:1153389	SSF x Far_LoA	-8,747	0,035	0,294
CHR14	1153406	CHR14:1153406	SSF x Far_LoA	-5,445	-0,090	0,279
CHR14	1153439	CHR14:1153439	SSF x Far_LoA	-6,959	-0,071	0,293
CHR14	1153486	CHR14:1153486	SSF x Far_LoA	-8,655	-0,186	0,276
CHR14	1154918	CHR14:1154918	SSF x Far_LoA	-10,896	0,021	0,286
CHR14	1154919	CHR14:1154919	SSF x Far_LoA	-9,156	0,003	0,289
CHR14	1155057	CHR14:1155057	SSF x Far_LoA	-10,031	-0,005	0,298
CHR14	11562376	CHR14:11562376	SSF x Far_LoA	-9,980	0,141	0,278
CHR14	11566244	CHR14:11566244	SSF x Far_LoA	-12,184	0,020	0,288
CHR14	11575215	CHR14:11575215	SSF x Far_LoA	-7,217	0,006	0,299
CHR14	1166778	CHR14:1166778	SSF x Far_LoA	-11,545	-0,042	0,272
CHR14	11674478	CHR14:11674478	SSF x Far_LoA	-10,223	0,005	0,300
CHR14	11683066	CHR14:11683066	SSF x Far_LoA	-8,168	-0,031	0,303
CHR14	11683104	CHR14:11683104	SSF x Far_LoA	-11,204	-0,044	0,290
CHR14	11692141	CHR14:11692141	SSF x Far_LoA	-11,774	-0,069	0,285
CHR14	11699130	CHR14:11699130	SSF x Far_LoA	-9,780	0,023	0,291
CHR14	1170969	CHR14:1170969	SSF x Far_LoA	-11,662	0,066	0,284
CHR14	1170970	CHR14:1170970	SSF x Far_LoA	-11,152	0,031	0,290
CHR14	1171327	CHR14:1171327	SSF x Far_LoA	-7,014	0,047	0,300

CHR14	11778070	CHR14:1177807(	SSF x Far_LoA	-7,316	-0,076	0,280
CHR14	11778170	CHR14:1177817(	SSF x Far_LoA	-10,683	-0,058	0,308
CHR14	11781456	CHR14:1178145(	SSF x Far_LoA	-6,495	0,059	0,305
CHR14	11807694	CHR14:1180769(	SSF x Far_LoA	-11,504	-0,039	0,288
CHR14	11813492	CHR14:1181349(	SSF x Far_LoA	-7,298	0,068	0,309
CHR14	11822371	CHR14:1182237(	SSF x Far_LoA	-10,127	0,010	0,291
CHR14	11860021	CHR14:1186002(	SSF x Far_LoA	-10,699	0,035	0,303
CHR14	11900782	CHR14:1190078(	SSF x Far_LoA	-6,140	0,069	0,305
CHR14	11912554	CHR14:1191255(	SSF x Far_LoA	-10,325	-0,149	0,276
CHR14	1193628	CHR14:1193628	SSF x Far_LoA	-9,800	-0,086	0,290
CHR14	1193901	CHR14:1193901	SSF x Far_LoA	-11,004	0,051	0,298
CHR14	1205165	CHR14:1205165	SSF x Far_LoA	-9,859	-0,061	0,289
CHR14	1223589	CHR14:1223589	SSF x Far_LoA	-6,019	0,131	0,301
CHR14	1223908	CHR14:1223908	SSF x Far_LoA	-9,454	-0,077	0,295
CHR14	1257202	CHR14:1257202	SSF x Far_LoA	-5,714	-0,159	0,283
CHR14	1257344	CHR14:1257344	SSF x Far_LoA	-6,731	-0,151	0,265
CHR14	1259165	CHR14:1259165	SSF x Far_LoA	-9,057	-0,080	0,286
CHR14	1263903	CHR14:1263903	SSF x Far_LoA	-8,252	-0,103	0,298
CHR14	1264136	CHR14:1264136	SSF x Far_LoA	-9,036	-0,125	0,289
CHR14	1266272	CHR14:1266272	SSF x Far_LoA	-10,787	-0,030	0,293
CHR14	1266293	CHR14:1266293	SSF x Far_LoA	-7,366	-0,140	0,286
CHR14	1288926	CHR14:1288926	SSF x Far_LoA	-9,458	0,130	0,285
CHR14	1288927	CHR14:1288927	SSF x Far_LoA	-9,959	-0,023	0,298
CHR14	1296920	CHR14:1296920	SSF x Far_LoA	-11,972	0,086	0,290
CHR14	1297006	CHR14:1297006	SSF x Far_LoA	-7,264	-0,127	0,309
CHR14	1316182	CHR14:1316182	SSF x Far_LoA	-8,463	-0,037	0,302
CHR14	1316229	CHR14:1316229	SSF x Far_LoA	-8,394	0,045	0,297
CHR14	1316327	CHR14:1316327	SSF x Far_LoA	-6,794	-0,169	0,286
CHR14	1316363	CHR14:1316363	SSF x Far_LoA	-11,623	-0,027	0,293
CHR14	1316433	CHR14:1316433	SSF x Far_LoA	-12,156	-0,038	0,280
CHR14	1316453	CHR14:1316453	SSF x Far_LoA	-10,730	0,060	0,288
CHR14	1316454	CHR14:1316454	SSF x Far_LoA	-11,244	0,011	0,289
CHR14	1333032	CHR14:1333032	SSF x Far_LoA	-9,327	-0,004	0,293
CHR14	1333038	CHR14:1333038	SSF x Far_LoA	-8,971	0,007	0,294
CHR14	1333059	CHR14:1333059	SSF x Far_LoA	-6,652	0,192	0,290
CHR14	1337237	CHR14:1337237	SSF x Far_LoA	-8,048	-0,167	0,289
CHR14	1337471	CHR14:1337471	SSF x Far_LoA	-8,190	-0,036	0,306
CHR14	1337498	CHR14:1337498	SSF x Far_LoA	-9,017	0,046	0,291
CHR14	1348214	CHR14:1348214	SSF x Far_LoA	-8,692	0,074	0,307
CHR14	1358589	CHR14:1358589	SSF x Far_LoA	-9,144	-0,040	0,283
CHR14	1358684	CHR14:1358684	SSF x Far_LoA	-9,650	-0,101	0,291
CHR14	1363335	CHR14:1363335	SSF x Far_LoA	-10,258	-0,132	0,281
CHR14	1363674	CHR14:1363674	SSF x Far_LoA	-7,970	-0,124	0,287
CHR14	1382185	CHR14:1382185	SSF x Far_LoA	-7,958	-0,051	0,288
CHR14	1382188	CHR14:1382188	SSF x Far_LoA	-8,607	0,035	0,314
CHR14	1382233	CHR14:1382233	SSF x Far_LoA	-7,644	0,089	0,312
CHR14	1382258	CHR14:1382258	SSF x Far_LoA	-10,166	0,041	0,277
CHR14	1385058	CHR14:1385058	SSF x Far_LoA	-9,339	0,050	0,300
CHR14	1385142	CHR14:1385142	SSF x Far_LoA	-9,203	-0,102	0,277
CHR14	1391912	CHR14:1391912	SSF x Far_LoA	-11,010	-0,051	0,305
CHR14	1392109	CHR14:1392109	SSF x Far_LoA	-8,513	0,062	0,296
CHR14	1392129	CHR14:1392129	SSF x Far_LoA	-10,661	0,076	0,287
CHR14	1397459	CHR14:1397459	SSF x Far_LoA	-10,711	0,053	0,299

CHR14	1397522	CHR14:1397522	SSF x Far_LoA	-9,528	-0,107	0,291
CHR14	1397607	CHR14:1397607	SSF x Far_LoA	-8,245	0,048	0,288
CHR14	1397644	CHR14:1397644	SSF x Far_LoA	-4,747	-0,112	0,294
CHR14	1397714	CHR14:1397714	SSF x Far_LoA	-11,969	-0,043	0,288
CHR14	1397771	CHR14:1397771	SSF x Far_LoA	-8,581	-0,005	0,289
CHR14	1407109	CHR14:1407109	SSF x Far_LoA	-9,480	-0,048	0,296
CHR14	1407188	CHR14:1407188	SSF x Far_LoA	-11,021	0,057	0,298
CHR14	1434302	CHR14:1434302	SSF x Far_LoA	-10,159	-0,013	0,292
CHR14	1434417	CHR14:1434417	SSF x Far_LoA	-11,219	-0,015	0,289
CHR14	1434430	CHR14:1434430	SSF x Far_LoA	-8,260	-0,066	0,300
CHR14	1438868	CHR14:1438868	SSF x Far_LoA	-2,101	0,192	0,277
CHR14	1438922	CHR14:1438922	SSF x Far_LoA	-9,449	0,091	0,295
CHR14	1438923	CHR14:1438923	SSF x Far_LoA	-9,356	0,100	0,273
CHR14	1438946	CHR14:1438946	SSF x Far_LoA	-9,014	-0,080	0,291
CHR14	1438968	CHR14:1438968	SSF x Far_LoA	-8,788	-0,045	0,293
CHR14	1439001	CHR14:1439001	SSF x Far_LoA	-10,425	0,084	0,301
CHR14	1441587	CHR14:1441587	SSF x Far_LoA	-10,479	0,099	0,274
CHR14	1441643	CHR14:1441643	SSF x Far_LoA	-8,494	0,117	0,292
CHR14	1441708	CHR14:1441708	SSF x Far_LoA	-12,413	-0,052	0,275
CHR14	1451904	CHR14:1451904	SSF x Far_LoA	-9,514	0,021	0,291
CHR14	1451905	CHR14:1451905	SSF x Far_LoA	-10,622	-0,063	0,287
CHR14	1461809	CHR14:1461809	SSF x Far_LoA	-11,303	0,082	0,283
CHR14	1472068	CHR14:1472068	SSF x Far_LoA	-4,868	-0,142	0,284
CHR14	1472109	CHR14:1472109	SSF x Far_LoA	-11,317	-0,069	0,287
CHR14	1472110	CHR14:1472110	SSF x Far_LoA	-9,355	0,006	0,298
CHR14	1472111	CHR14:1472111	SSF x Far_LoA	-7,747	0,012	0,284
CHR14	1472129	CHR14:1472129	SSF x Far_LoA	-10,618	0,037	0,293
CHR14	1472180	CHR14:1472180	SSF x Far_LoA	-11,792	0,043	0,292
CHR14	1474819	CHR14:1474819	SSF x Far_LoA	-8,334	0,022	0,291
CHR14	1474867	CHR14:1474867	SSF x Far_LoA	-9,592	-0,104	0,290
CHR14	1481566	CHR14:1481566	SSF x Far_LoA	-10,396	0,117	0,291
CHR14	1481714	CHR14:1481714	SSF x Far_LoA	-11,250	0,069	0,291
CHR14	1490099	CHR14:1490099	SSF x Far_LoA	-11,146	0,091	0,303
CHR14	1490131	CHR14:1490131	SSF x Far_LoA	-10,309	0,175	0,281
CHR14	1490566	CHR14:1490566	SSF x Far_LoA	-10,193	-0,061	0,288
CHR14	1496778	CHR14:1496778	SSF x Far_LoA	-7,607	0,001	0,289
CHR14	1496815	CHR14:1496815	SSF x Far_LoA	-9,968	-0,125	0,298
CHR14	1497059	CHR14:1497059	SSF x Far_LoA	-9,645	0,026	0,294
CHR14	1497200	CHR14:1497200	SSF x Far_LoA	-9,698	-0,012	0,311
CHR14	1504827	CHR14:1504827	SSF x Far_LoA	-8,102	-0,106	0,280
CHR14	1504830	CHR14:1504830	SSF x Far_LoA	-11,364	-0,009	0,292
CHR14	1504964	CHR14:1504964	SSF x Far_LoA	-10,317	-0,135	0,301
CHR14	1504969	CHR14:1504969	SSF x Far_LoA	-8,268	0,011	0,289
CHR14	1504973	CHR14:1504973	SSF x Far_LoA	-10,101	-0,036	0,299
CHR14	1505210	CHR14:1505210	SSF x Far_LoA	-9,942	-0,134	0,287
CHR14	1513253	CHR14:1513253	SSF x Far_LoA	-8,143	0,129	0,290
CHR14	1513343	CHR14:1513343	SSF x Far_LoA	-8,360	0,004	0,301
CHR14	1513430	CHR14:1513430	SSF x Far_LoA	-10,017	0,034	0,296
CHR14	1513467	CHR14:1513467	SSF x Far_LoA	-9,364	-0,042	0,298
CHR14	1513509	CHR14:1513509	SSF x Far_LoA	-7,090	0,058	0,293
CHR14	1513537	CHR14:1513537	SSF x Far_LoA	-10,745	0,021	0,278
CHR14	1513553	CHR14:1513553	SSF x Far_LoA	-8,812	0,009	0,296
CHR14	1513616	CHR14:1513616	SSF x Far_LoA	-6,522	0,014	0,289

CHR14	1513646	CHR14:1513646	SSF x Far_LoA	-9,224	0,013	0,292
CHR14	1513658	CHR14:1513658	SSF x Far_LoA	-11,046	0,022	0,280
CHR14	1517083	CHR14:1517083	SSF x Far_LoA	-6,473	0,065	0,298
CHR14	1517086	CHR14:1517086	SSF x Far_LoA	-7,066	-0,071	0,286
CHR14	1517097	CHR14:1517097	SSF x Far_LoA	-8,192	0,081	0,289
CHR14	1517118	CHR14:1517118	SSF x Far_LoA	-6,705	0,093	0,289
CHR14	1533931	CHR14:1533931	SSF x Far_LoA	-8,581	0,073	0,306
CHR14	1542780	CHR14:1542780	SSF x Far_LoA	-10,751	-0,019	0,291
CHR14	1542783	CHR14:1542783	SSF x Far_LoA	-9,142	-0,121	0,281
CHR14	1542792	CHR14:1542792	SSF x Far_LoA	-6,525	0,023	0,286
CHR14	1543011	CHR14:1543011	SSF x Far_LoA	-6,051	-0,009	0,307
CHR14	1543302	CHR14:1543302	SSF x Far_LoA	-10,782	-0,101	0,296
CHR14	1561411	CHR14:1561411	SSF x Far_LoA	-8,988	0,056	0,271
CHR14	1568968	CHR14:1568968	SSF x Far_LoA	-11,233	-0,009	0,289
CHR14	1572755	CHR14:1572755	SSF x Far_LoA	-9,541	0,046	0,284
CHR14	1580283	CHR14:1580283	SSF x Far_LoA	-5,723	0,152	0,291
CHR14	1581132	CHR14:1581132	SSF x Far_LoA	-8,538	0,182	0,286
CHR14	1581193	CHR14:1581193	SSF x Far_LoA	-8,071	0,151	0,279
CHR14	1581245	CHR14:1581245	SSF x Far_LoA	-6,473	0,173	0,289
CHR14	1583860	CHR14:1583860	SSF x Far_LoA	-10,787	-0,027	0,293
CHR14	1583865	CHR14:1583865	SSF x Far_LoA	-8,020	-0,161	0,287
CHR14	1583937	CHR14:1583937	SSF x Far_LoA	-9,303	-0,116	0,293
CHR14	1584007	CHR14:1584007	SSF x Far_LoA	-9,623	-0,088	0,295
CHR14	1584009	CHR14:1584009	SSF x Far_LoA	-5,632	-0,011	0,303
CHR14	1603803	CHR14:1603803	SSF x Far_LoA	-6,748	-0,150	0,287
CHR14	1603824	CHR14:1603824	SSF x Far_LoA	-5,840	0,028	0,292
CHR14	1603840	CHR14:1603840	SSF x Far_LoA	-9,951	0,027	0,298
CHR14	1603855	CHR14:1603855	SSF x Far_LoA	-8,710	0,016	0,285
CHR14	1603862	CHR14:1603862	SSF x Far_LoA	-8,083	-0,107	0,277
CHR14	1603890	CHR14:1603890	SSF x Far_LoA	-8,045	-0,098	0,291
CHR14	1619626	CHR14:1619626	SSF x Far_LoA	-10,824	-0,076	0,283
CHR14	1623408	CHR14:1623408	SSF x Far_LoA	-9,771	-0,052	0,299
CHR14	1623423	CHR14:1623423	SSF x Far_LoA	-8,949	0,031	0,291
CHR14	1623750	CHR14:1623750	SSF x Far_LoA	-7,857	0,080	0,300
CHR14	1625646	CHR14:1625646	SSF x Far_LoA	-8,989	-0,064	0,302
CHR14	1640085	CHR14:1640085	SSF x Far_LoA	-4,598	-0,223	0,287
CHR14	1644105	CHR14:1644105	SSF x Far_LoA	-10,507	0,108	0,294
CHR14	1644133	CHR14:1644133	SSF x Far_LoA	-8,447	-0,071	0,285
CHR14	1644152	CHR14:1644152	SSF x Far_LoA	-11,824	-0,035	0,294
CHR14	1644174	CHR14:1644174	SSF x Far_LoA	-11,669	-0,013	0,288
CHR14	1644338	CHR14:1644338	SSF x Far_LoA	-7,933	-0,204	0,278
CHR14	1648590	CHR14:1648590	SSF x Far_LoA	-9,721	-0,002	0,296
CHR14	1658968	CHR14:1658968	SSF x Far_LoA	-10,960	0,083	0,297
CHR14	1659047	CHR14:1659047	SSF x Far_LoA	-10,560	-0,035	0,303
CHR14	1668467	CHR14:1668467	SSF x Far_LoA	-10,255	0,039	0,285
CHR14	1668537	CHR14:1668537	SSF x Far_LoA	-9,236	-0,024	0,286
CHR14	1668587	CHR14:1668587	SSF x Far_LoA	-10,828	-0,013	0,288
CHR14	1668667	CHR14:1668667	SSF x Far_LoA	-10,470	-0,001	0,298
CHR14	1668791	CHR14:1668791	SSF x Far_LoA	-9,051	-0,002	0,299
CHR14	1688295	CHR14:1688295	SSF x Far_LoA	-10,786	-0,076	0,304
CHR14	1688419	CHR14:1688419	SSF x Far_LoA	-10,036	-0,051	0,298
CHR14	1688420	CHR14:1688420	SSF x Far_LoA	-9,996	-0,029	0,299
CHR14	1688438	CHR14:1688438	SSF x Far_LoA	-8,985	-0,095	0,296

CHR14	1688506	CHR14:1688506	SSF x Far_LoA	-11,015	0,045	0,293
CHR14	1690150	CHR14:1690150	SSF x Far_LoA	-6,615	-0,074	0,301
CHR14	1690214	CHR14:1690214	SSF x Far_LoA	-11,002	0,019	0,295
CHR14	1690219	CHR14:1690219	SSF x Far_LoA	-8,772	-0,025	0,300
CHR14	1690232	CHR14:1690232	SSF x Far_LoA	-7,950	-0,004	0,299
CHR14	1690254	CHR14:1690254	SSF x Far_LoA	-8,004	0,111	0,277
CHR14	1690280	CHR14:1690280	SSF x Far_LoA	-9,381	0,063	0,275
CHR14	1690341	CHR14:1690341	SSF x Far_LoA	-10,193	-0,010	0,304
CHR14	1690342	CHR14:1690342	SSF x Far_LoA	-9,796	-0,019	0,306
CHR14	1699230	CHR14:1699230	SSF x Far_LoA	-6,838	-0,112	0,293
CHR14	1699263	CHR14:1699263	SSF x Far_LoA	-9,033	-0,033	0,281
CHR14	1699296	CHR14:1699296	SSF x Far_LoA	-8,349	-0,063	0,289
CHR14	1706167	CHR14:1706167	SSF x Far_LoA	-11,851	0,014	0,287
CHR14	1737582	CHR14:1737582	SSF x Far_LoA	-3,690	0,054	0,307
CHR14	1746377	CHR14:1746377	SSF x Far_LoA	-5,182	0,018	0,302
CHR14	1746388	CHR14:1746388	SSF x Far_LoA	-8,998	0,012	0,296
CHR14	1746414	CHR14:1746414	SSF x Far_LoA	-7,916	-0,045	0,302
CHR14	1746454	CHR14:1746454	SSF x Far_LoA	-9,528	-0,027	0,282
CHR14	1746482	CHR14:1746482	SSF x Far_LoA	9,590	-0,088	0,281
CHR14	1746540	CHR14:1746540	SSF x Far_LoA	-7,425	-0,095	0,299
CHR14	1771021	CHR14:1771021	SSF x Far_LoA	-8,854	-0,087	0,301
CHR14	1790454	CHR14:1790454	SSF x Far_LoA	-9,194	0,000	0,274
CHR14	1831660	CHR14:1831660	SSF x Far_LoA	-6,000	-0,090	0,279
CHR14	1831879	CHR14:1831879	SSF x Far_LoA	-9,514	0,123	0,289
CHR14	1831902	CHR14:1831902	SSF x Far_LoA	-8,941	-0,075	0,288
CHR14	1831929	CHR14:1831929	SSF x Far_LoA	-2,890	-0,096	0,272
CHR14	1852134	CHR14:1852134	SSF x Far_LoA	-11,700	0,079	0,299
CHR14	1852260	CHR14:1852260	SSF x Far_LoA	-10,969	0,068	0,311
CHR14	1861806	CHR14:1861806	SSF x Far_LoA	-8,649	-0,024	0,299
CHR14	1875984	CHR14:1875984	SSF x Far_LoA	-9,943	-0,036	0,296
CHR14	1876097	CHR14:1876097	SSF x Far_LoA	-8,887	-0,024	0,303
CHR14	1894248	CHR14:1894248	SSF x Far_LoA	-11,754	0,040	0,295
CHR14	1894285	CHR14:1894285	SSF x Far_LoA	-7,638	0,054	0,293
CHR14	1894336	CHR14:1894336	SSF x Far_LoA	-7,373	-0,101	0,302
CHR14	1894390	CHR14:1894390	SSF x Far_LoA	-10,626	0,020	0,301
CHR14	1894415	CHR14:1894415	SSF x Far_LoA	-7,407	0,064	0,302
CHR14	1894460	CHR14:1894460	SSF x Far_LoA	-8,144	0,129	0,287
CHR14	1894482	CHR14:1894482	SSF x Far_LoA	-8,108	-0,083	0,301
CHR14	1894484	CHR14:1894484	SSF x Far_LoA	-10,446	0,041	0,281
CHR14	1931198	CHR14:1931198	SSF x Far_LoA	-6,224	-0,062	0,297
CHR14	1931463	CHR14:1931463	SSF x Far_LoA	3,330	0,129	0,280
CHR14	1950355	CHR14:1950355	SSF x Far_LoA	-10,680	-0,064	0,275
CHR14	1950535	CHR14:1950535	SSF x Far_LoA	-10,057	-0,030	0,280
CHR14	1955792	CHR14:1955792	SSF x Far_LoA	-9,102	0,005	0,285
CHR14	1955832	CHR14:1955832	SSF x Far_LoA	-9,319	0,042	0,288
CHR14	1955839	CHR14:1955839	SSF x Far_LoA	-9,066	-0,087	0,290
CHR14	1955858	CHR14:1955858	SSF x Far_LoA	-8,483	-0,016	0,284
CHR14	1955989	CHR14:1955989	SSF x Far_LoA	-8,155	0,114	0,286
CHR14	1987060	CHR14:1987060	SSF x Far_LoA	-7,898	0,071	0,293
CHR14	2005079	CHR14:2005079	SSF x Far_LoA	-8,934	-0,015	0,287
CHR14	2016199	CHR14:2016199	SSF x Far_LoA	-11,302	-0,013	0,290
CHR14	2016226	CHR14:2016226	SSF x Far_LoA	-9,949	-0,073	0,282
CHR14	2016239	CHR14:2016239	SSF x Far_LoA	-10,620	0,022	0,303

CHR14	2016257	CHR14:2016257	SSF x Far_LoA	-9,832	-0,020	0,300
CHR14	2016258	CHR14:2016258	SSF x Far_LoA	-9,458	0,019	0,298
CHR14	2016310	CHR14:2016310	SSF x Far_LoA	-9,219	-0,038	0,296
CHR14	2016354	CHR14:2016354	SSF x Far_LoA	-10,698	0,069	0,297
CHR14	2016400	CHR14:2016400	SSF x Far_LoA	-10,781	0,052	0,295
CHR14	2016452	CHR14:2016452	SSF x Far_LoA	-9,445	0,000	0,294
CHR14	2020697	CHR14:2020697	SSF x Far_LoA	-9,057	0,119	0,284
CHR14	2029110	CHR14:2029110	SSF x Far_LoA	-11,537	0,027	0,291
CHR14	2029122	CHR14:2029122	SSF x Far_LoA	-9,676	-0,002	0,283
CHR14	2036090	CHR14:2036090	SSF x Far_LoA	-8,770	-0,059	0,273
CHR14	2047622	CHR14:2047622	SSF x Far_LoA	-8,998	-0,008	0,293
CHR14	2058447	CHR14:2058447	SSF x Far_LoA	-9,231	0,083	0,286
CHR14	2058453	CHR14:2058453	SSF x Far_LoA	-7,440	0,075	0,305
CHR14	2058485	CHR14:2058485	SSF x Far_LoA	-7,013	0,032	0,302
CHR14	2058511	CHR14:2058511	SSF x Far_LoA	-6,986	0,094	0,303
CHR14	2067066	CHR14:2067066	SSF x Far_LoA	-8,454	0,026	0,296
CHR14	2067168	CHR14:2067168	SSF x Far_LoA	-9,622	-0,028	0,285
CHR14	2112960	CHR14:2112960	SSF x Far_LoA	-1,546	0,103	0,298
CHR14	2112973	CHR14:2112973	SSF x Far_LoA	-9,871	0,101	0,285
CHR14	2112983	CHR14:2112983	SSF x Far_LoA	-9,253	-0,021	0,302
CHR14	2127820	CHR14:2127820	SSF x Far_LoA	-1,118	-0,216	0,297
CHR14	2130765	CHR14:2130765	SSF x Far_LoA	-8,550	-0,055	0,297
CHR14	2134582	CHR14:2134582	SSF x Far_LoA	-7,815	0,082	0,298
CHR14	2134598	CHR14:2134598	SSF x Far_LoA	-8,459	-0,010	0,313
CHR14	2134608	CHR14:2134608	SSF x Far_LoA	-8,350	0,015	0,301
CHR14	2147574	CHR14:2147574	SSF x Far_LoA	-8,605	0,036	0,309
CHR14	2147577	CHR14:2147577	SSF x Far_LoA	-10,056	0,092	0,288
CHR14	2147587	CHR14:2147587	SSF x Far_LoA	-9,931	0,097	0,292
CHR14	2147633	CHR14:2147633	SSF x Far_LoA	-6,487	0,093	0,298
CHR14	2147674	CHR14:2147674	SSF x Far_LoA	-9,794	0,002	0,290
CHR14	2147681	CHR14:2147681	SSF x Far_LoA	-10,056	0,104	0,287
CHR14	2147735	CHR14:2147735	SSF x Far_LoA	-6,643	0,107	0,283
CHR14	2149650	CHR14:2149650	SSF x Far_LoA	-9,522	-0,066	0,298
CHR14	2149672	CHR14:2149672	SSF x Far_LoA	-8,458	0,062	0,292
CHR14	2149676	CHR14:2149676	SSF x Far_LoA	-10,374	0,032	0,297
CHR14	2149745	CHR14:2149745	SSF x Far_LoA	-8,755	-0,117	0,269
CHR14	2149751	CHR14:2149751	SSF x Far_LoA	-0,941	0,021	0,284
CHR14	2149791	CHR14:2149791	SSF x Far_LoA	-8,600	-0,052	0,272
CHR14	2149792	CHR14:2149792	SSF x Far_LoA	-8,206	-0,096	0,285
CHR14	2149832	CHR14:2149832	SSF x Far_LoA	-10,634	0,053	0,284
CHR14	2149981	CHR14:2149981	SSF x Far_LoA	-10,114	0,053	0,306
CHR14	2162159	CHR14:2162159	SSF x Far_LoA	-8,126	-0,046	0,293
CHR14	2186520	CHR14:2186520	SSF x Far_LoA	-7,873	0,012	0,291
CHR14	2186719	CHR14:2186719	SSF x Far_LoA	-9,001	0,082	0,287
CHR14	2200192	CHR14:2200192	SSF x Far_LoA	-11,645	0,044	0,296
CHR14	2203048	CHR14:2203048	SSF x Far_LoA	-8,568	-0,020	0,284
CHR14	2203089	CHR14:2203089	SSF x Far_LoA	-7,971	-0,055	0,299
CHR14	2203137	CHR14:2203137	SSF x Far_LoA	-9,744	-0,001	0,294
CHR14	2205687	CHR14:2205687	SSF x Far_LoA	-9,481	0,118	0,297
CHR14	2205689	CHR14:2205689	SSF x Far_LoA	-7,987	0,134	0,288
CHR14	2209800	CHR14:2209800	SSF x Far_LoA	-9,742	-0,097	0,294
CHR14	2209858	CHR14:2209858	SSF x Far_LoA	-8,598	-0,075	0,279
CHR14	2209861	CHR14:2209861	SSF x Far_LoA	-9,182	0,001	0,275

CHR14	2209878	CHR14:2209878	SSF x Far_LoA	-9,598	-0,038	0,288
CHR14	2209952	CHR14:2209952	SSF x Far_LoA	-7,131	0,063	0,303
CHR14	2209991	CHR14:2209991	SSF x Far_LoA	-11,045	0,038	0,290
CHR14	2210030	CHR14:2210030	SSF x Far_LoA	-7,350	0,030	0,298
CHR14	2210041	CHR14:2210041	SSF x Far_LoA	-5,622	0,015	0,301
CHR14	2210042	CHR14:2210042	SSF x Far_LoA	-9,833	0,034	0,288
CHR14	2212164	CHR14:2212164	SSF x Far_LoA	-6,470	0,186	0,280
CHR14	2212259	CHR14:2212259	SSF x Far_LoA	-10,587	0,066	0,296
CHR14	2223167	CHR14:2223167	SSF x Far_LoA	-8,624	-0,045	0,281
CHR14	2223179	CHR14:2223179	SSF x Far_LoA	-1,648	0,107	0,292
CHR14	2223297	CHR14:2223297	SSF x Far_LoA	-9,316	-0,075	0,297
CHR14	2223337	CHR14:2223337	SSF x Far_LoA	-10,233	-0,043	0,286
CHR14	2223426	CHR14:2223426	SSF x Far_LoA	-7,272	-0,015	0,299
CHR14	2223441	CHR14:2223441	SSF x Far_LoA	-10,026	0,044	0,286
CHR14	2223472	CHR14:2223472	SSF x Far_LoA	-12,213	-0,002	0,288
CHR14	2235943	CHR14:2235943	SSF x Far_LoA	-8,013	-0,166	0,276
CHR14	2235944	CHR14:2235944	SSF x Far_LoA	-8,477	0,138	0,287
CHR14	2235945	CHR14:2235945	SSF x Far_LoA	-10,555	0,118	0,288
CHR14	2235957	CHR14:2235957	SSF x Far_LoA	-7,094	0,061	0,288
CHR14	2235962	CHR14:2235962	SSF x Far_LoA	-5,203	-0,188	0,286
CHR14	2235997	CHR14:2235997	SSF x Far_LoA	-7,556	-0,128	0,274
CHR14	2236047	CHR14:2236047	SSF x Far_LoA	-7,613	0,096	0,304
CHR14	2236070	CHR14:2236070	SSF x Far_LoA	-8,165	-0,188	0,288
CHR14	2236103	CHR14:2236103	SSF x Far_LoA	-2,878	-0,176	0,279
CHR14	2241923	CHR14:2241923	SSF x Far_LoA	-9,487	0,119	0,283
CHR14	2243061	CHR14:2243061	SSF x Far_LoA	-8,117	0,032	0,299
CHR14	2246959	CHR14:2246959	SSF x Far_LoA	-9,547	-0,041	0,290
CHR14	2254436	CHR14:2254436	SSF x Far_LoA	-9,730	-0,052	0,303
CHR14	2254445	CHR14:2254445	SSF x Far_LoA	-9,464	-0,016	0,290
CHR14	2254463	CHR14:2254463	SSF x Far_LoA	-10,367	0,110	0,273
CHR14	2254529	CHR14:2254529	SSF x Far_LoA	-10,749	-0,051	0,280
CHR14	2254606	CHR14:2254606	SSF x Far_LoA	-8,876	-0,053	0,284
CHR14	2254630	CHR14:2254630	SSF x Far_LoA	-8,977	-0,063	0,294
CHR14	2254661	CHR14:2254661	SSF x Far_LoA	-5,920	0,078	0,295
CHR14	2271825	CHR14:2271825	SSF x Far_LoA	-11,440	0,059	0,288
CHR14	2274469	CHR14:2274469	SSF x Far_LoA	-8,220	0,215	0,278
CHR14	2279593	CHR14:2279593	SSF x Far_LoA	-7,633	0,081	0,281
CHR14	2292574	CHR14:2292574	SSF x Far_LoA	-7,875	-0,057	0,314
CHR14	2292783	CHR14:2292783	SSF x Far_LoA	-7,036	0,112	0,275
CHR14	2300846	CHR14:2300846	SSF x Far_LoA	-9,222	-0,003	0,289
CHR14	2300858	CHR14:2300858	SSF x Far_LoA	-7,926	-0,033	0,295
CHR14	2300875	CHR14:2300875	SSF x Far_LoA	-7,977	-0,109	0,291
CHR14	2301004	CHR14:2301004	SSF x Far_LoA	-8,356	-0,076	0,289
CHR14	2319077	CHR14:2319077	SSF x Far_LoA	-9,882	-0,015	0,298
CHR14	2319079	CHR14:2319079	SSF x Far_LoA	-10,634	0,000	0,301
CHR14	2319161	CHR14:2319161	SSF x Far_LoA	-8,051	-0,078	0,305
CHR14	2319213	CHR14:2319213	SSF x Far_LoA	-9,458	-0,010	0,288
CHR14	2319223	CHR14:2319223	SSF x Far_LoA	3,643	0,140	0,291
CHR14	2319295	CHR14:2319295	SSF x Far_LoA	-8,700	0,058	0,303
CHR14	2319313	CHR14:2319313	SSF x Far_LoA	-10,445	0,005	0,292
CHR14	2319320	CHR14:2319320	SSF x Far_LoA	-8,822	0,055	0,289
CHR14	2319340	CHR14:2319340	SSF x Far_LoA	-8,555	-0,032	0,286
CHR14	2325524	CHR14:2325524	SSF x Far_LoA	-9,651	0,079	0,292

CHR14	2325532	CHR14:2325532	SSF x Far_LoA	-8,068	0,123	0,277
CHR14	2325589	CHR14:2325589	SSF x Far_LoA	-10,210	0,005	0,311
CHR14	2325592	CHR14:2325592	SSF x Far_LoA	-10,157	0,011	0,318
CHR14	2325598	CHR14:2325598	SSF x Far_LoA	-9,136	-0,016	0,301
CHR14	2325600	CHR14:2325600	SSF x Far_LoA	-8,492	-0,050	0,298
CHR14	2325606	CHR14:2325606	SSF x Far_LoA	-8,142	-0,004	0,309
CHR14	2325644	CHR14:2325644	SSF x Far_LoA	-9,502	0,118	0,286
CHR14	2325679	CHR14:2325679	SSF x Far_LoA	-8,031	-0,103	0,280
CHR14	2325748	CHR14:2325748	SSF x Far_LoA	-9,793	-0,069	0,287
CHR14	2325751	CHR14:2325751	SSF x Far_LoA	-7,624	0,163	0,279
CHR14	2329043	CHR14:2329043	SSF x Far_LoA	-8,635	0,007	0,302
CHR14	2329051	CHR14:2329051	SSF x Far_LoA	-8,404	-0,017	0,292
CHR14	2329094	CHR14:2329094	SSF x Far_LoA	-7,883	-0,063	0,299
CHR14	2330892	CHR14:2330892	SSF x Far_LoA	-8,220	0,110	0,283
CHR14	2330994	CHR14:2330994	SSF x Far_LoA	-9,001	-0,089	0,278
CHR14	2331087	CHR14:2331087	SSF x Far_LoA	-8,688	-0,012	0,297
CHR14	2333523	CHR14:2333523	SSF x Far_LoA	-11,125	0,044	0,287
CHR14	2333527	CHR14:2333527	SSF x Far_LoA	-10,506	0,071	0,294
CHR14	2333747	CHR14:2333747	SSF x Far_LoA	-10,999	0,155	0,283
CHR14	2333773	CHR14:2333773	SSF x Far_LoA	-5,337	0,070	0,294
CHR14	2348462	CHR14:2348462	SSF x Far_LoA	-8,608	0,096	0,293
CHR14	2348589	CHR14:2348589	SSF x Far_LoA	-9,674	-0,020	0,300
CHR14	2348717	CHR14:2348717	SSF x Far_LoA	-8,631	-0,061	0,298
CHR14	2382864	CHR14:2382864	SSF x Far_LoA	-8,975	-0,082	0,286
CHR14	2382903	CHR14:2382903	SSF x Far_LoA	-8,102	-0,016	0,305
CHR14	2382942	CHR14:2382942	SSF x Far_LoA	-9,084	-0,001	0,301
CHR14	2389702	CHR14:2389702	SSF x Far_LoA	-11,712	-0,045	0,293
CHR14	2391923	CHR14:2391923	SSF x Far_LoA	-4,539	0,162	0,296
CHR14	2391935	CHR14:2391935	SSF x Far_LoA	-2,817	0,137	0,290
CHR14	2392014	CHR14:2392014	SSF x Far_LoA	-3,647	0,171	0,294
CHR14	2392073	CHR14:2392073	SSF x Far_LoA	-3,846	-0,060	0,289
CHR14	2392076	CHR14:2392076	SSF x Far_LoA	-9,183	0,098	0,288
CHR14	2392181	CHR14:2392181	SSF x Far_LoA	-10,996	-0,016	0,286
CHR14	2393576	CHR14:2393576	SSF x Far_LoA	-8,266	0,009	0,289
CHR14	2395116	CHR14:2395116	SSF x Far_LoA	-4,273	-0,181	0,281
CHR14	2413985	CHR14:2413985	SSF x Far_LoA	-9,562	-0,008	0,299
CHR14	2414004	CHR14:2414004	SSF x Far_LoA	-7,256	-0,044	0,280
CHR14	2414026	CHR14:2414026	SSF x Far_LoA	-9,033	0,076	0,293
CHR14	2414091	CHR14:2414091	SSF x Far_LoA	-9,106	0,052	0,303
CHR14	2414241	CHR14:2414241	SSF x Far_LoA	-9,177	-0,006	0,290
CHR14	2473967	CHR14:2473967	SSF x Far_LoA	-8,540	0,043	0,292
CHR14	2485495	CHR14:2485495	SSF x Far_LoA	-8,659	-0,090	0,282
CHR14	2485525	CHR14:2485525	SSF x Far_LoA	-8,585	0,094	0,285
CHR14	2485609	CHR14:2485609	SSF x Far_LoA	-7,615	-0,053	0,294
CHR14	2485643	CHR14:2485643	SSF x Far_LoA	-7,087	-0,053	0,280
CHR14	2485736	CHR14:2485736	SSF x Far_LoA	-8,383	0,119	0,278
CHR14	2489784	CHR14:2489784	SSF x Far_LoA	-11,153	-0,005	0,290
CHR14	2489792	CHR14:2489792	SSF x Far_LoA	-2,470	0,001	0,313
CHR14	2490076	CHR14:2490076	SSF x Far_LoA	-7,382	-0,126	0,288
CHR14	2490090	CHR14:2490090	SSF x Far_LoA	-8,123	-0,024	0,277
CHR14	2490099	CHR14:2490099	SSF x Far_LoA	-10,564	0,057	0,301
CHR14	2495966	CHR14:2495966	SSF x Far_LoA	-7,244	0,126	0,307
CHR14	2496013	CHR14:2496013	SSF x Far_LoA	-4,601	0,040	0,305

CHR14	2496028	CHR14:2496028	SSF x Far_LoA	-9,372	-0,032	0,282
CHR14	2496040	CHR14:2496040	SSF x Far_LoA	-6,201	-0,037	0,291
CHR14	2499222	CHR14:2499222	SSF x Far_LoA	-7,705	-0,058	0,306
CHR14	2499242	CHR14:2499242	SSF x Far_LoA	-8,089	0,086	0,310
CHR14	2499273	CHR14:2499273	SSF x Far_LoA	-9,813	0,016	0,296
CHR14	2499305	CHR14:2499305	SSF x Far_LoA	-7,980	-0,078	0,299
CHR14	2499329	CHR14:2499329	SSF x Far_LoA	-8,636	0,112	0,299
CHR14	2499335	CHR14:2499335	SSF x Far_LoA	-8,882	0,122	0,293
CHR14	2522480	CHR14:2522480	SSF x Far_LoA	-2,274	-0,123	0,290
CHR14	2522510	CHR14:2522510	SSF x Far_LoA	-7,836	-0,008	0,290
CHR14	2525153	CHR14:2525153	SSF x Far_LoA	-10,535	-0,063	0,283
CHR14	2525234	CHR14:2525234	SSF x Far_LoA	-9,586	-0,032	0,292
CHR14	2525261	CHR14:2525261	SSF x Far_LoA	-9,980	0,033	0,293
CHR14	2528606	CHR14:2528606	SSF x Far_LoA	-9,469	-0,087	0,291
CHR14	2528652	CHR14:2528652	SSF x Far_LoA	-9,047	-0,017	0,298
CHR14	2528761	CHR14:2528761	SSF x Far_LoA	-8,545	-0,040	0,289
CHR14	2529526	CHR14:2529526	SSF x Far_LoA	-8,323	-0,080	0,293
CHR14	2533659	CHR14:2533659	SSF x Far_LoA	-9,457	-0,123	0,294
CHR14	2535188	CHR14:2535188	SSF x Far_LoA	5,594	0,058	0,283
CHR14	2536568	CHR14:2536568	SSF x Far_LoA	-3,160	0,208	0,271
CHR14	2536653	CHR14:2536653	SSF x Far_LoA	-7,441	0,032	0,291
CHR14	2536655	CHR14:2536655	SSF x Far_LoA	-9,513	0,054	0,298
CHR14	2536682	CHR14:2536682	SSF x Far_LoA	-7,938	-0,137	0,293
CHR14	2536723	CHR14:2536723	SSF x Far_LoA	-11,063	0,078	0,288
CHR14	2542581	CHR14:2542581	SSF x Far_LoA	-10,885	-0,043	0,293
CHR14	2565412	CHR14:2565412	SSF x Far_LoA	-7,945	0,016	0,300
CHR14	2578280	CHR14:2578280	SSF x Far_LoA	-4,782	-0,138	0,294
CHR14	2590259	CHR14:2590259	SSF x Far_LoA	-7,461	0,066	0,279
CHR14	2590317	CHR14:2590317	SSF x Far_LoA	-9,237	-0,097	0,283
CHR14	2591966	CHR14:2591966	SSF x Far_LoA	-7,016	-0,182	0,298
CHR14	2591988	CHR14:2591988	SSF x Far_LoA	-9,080	0,104	0,287
CHR14	2592009	CHR14:2592009	SSF x Far_LoA	-8,898	0,106	0,297
CHR14	2592068	CHR14:2592068	SSF x Far_LoA	-10,696	-0,017	0,292
CHR14	2592128	CHR14:2592128	SSF x Far_LoA	-6,514	0,015	0,313
CHR14	2592170	CHR14:2592170	SSF x Far_LoA	-11,206	0,042	0,290
CHR14	2592196	CHR14:2592196	SSF x Far_LoA	-10,717	-0,035	0,278
CHR14	2592202	CHR14:2592202	SSF x Far_LoA	-7,322	-0,014	0,293
CHR14	2625396	CHR14:2625396	SSF x Far_LoA	-10,551	0,055	0,291
CHR14	2637166	CHR14:2637166	SSF x Far_LoA	-7,783	-0,133	0,291
CHR14	2637417	CHR14:2637417	SSF x Far_LoA	-9,855	-0,012	0,296
CHR14	2637424	CHR14:2637424	SSF x Far_LoA	-9,562	-0,034	0,295
CHR14	2637445	CHR14:2637445	SSF x Far_LoA	-9,943	0,012	0,297
CHR14	2653732	CHR14:2653732	SSF x Far_LoA	-9,728	-0,073	0,289
CHR14	2653742	CHR14:2653742	SSF x Far_LoA	-8,470	0,094	0,299
CHR14	2653747	CHR14:2653747	SSF x Far_LoA	-5,842	0,023	0,299
CHR14	2655192	CHR14:2655192	SSF x Far_LoA	-7,240	0,033	0,303
CHR14	2655205	CHR14:2655205	SSF x Far_LoA	-12,091	0,016	0,298
CHR14	2655273	CHR14:2655273	SSF x Far_LoA	-9,339	0,009	0,283
CHR14	2655281	CHR14:2655281	SSF x Far_LoA	-8,203	0,022	0,301
CHR14	2655287	CHR14:2655287	SSF x Far_LoA	-8,719	0,032	0,293
CHR14	2663232	CHR14:2663232	SSF x Far_LoA	-10,443	-0,114	0,314
CHR14	2663377	CHR14:2663377	SSF x Far_LoA	-10,478	-0,120	0,290
CHR14	2679541	CHR14:2679541	SSF x Far_LoA	-9,292	0,018	0,301

CHR14	2679645	CHR14:2679645	SSF x Far_LoA	-9,575	0,023	0,293
CHR14	2687668	CHR14:2687668	SSF x Far_LoA	-10,102	0,091	0,287
CHR14	2717472	CHR14:2717472	SSF x Far_LoA	-6,158	0,198	0,291
CHR14	2717534	CHR14:2717534	SSF x Far_LoA	-6,983	0,141	0,288
CHR14	2717537	CHR14:2717537	SSF x Far_LoA	-7,113	0,149	0,276
CHR14	2717541	CHR14:2717541	SSF x Far_LoA	-10,914	0,056	0,302
CHR14	2717553	CHR14:2717553	SSF x Far_LoA	-7,342	0,156	0,285
CHR14	2717672	CHR14:2717672	SSF x Far_LoA	-9,388	-0,098	0,285
CHR14	2717689	CHR14:2717689	SSF x Far_LoA	-2,140	-0,132	0,298
CHR14	2733070	CHR14:2733070	SSF x Far_LoA	-8,087	-0,017	0,304
CHR14	2733106	CHR14:2733106	SSF x Far_LoA	-8,820	-0,072	0,302
CHR14	2733199	CHR14:2733199	SSF x Far_LoA	-11,820	0,037	0,279
CHR14	2733266	CHR14:2733266	SSF x Far_LoA	-11,571	-0,034	0,295
CHR14	2733267	CHR14:2733267	SSF x Far_LoA	-9,387	-0,003	0,286
CHR14	2733268	CHR14:2733268	SSF x Far_LoA	-10,582	-0,026	0,297
CHR14	2733363	CHR14:2733363	SSF x Far_LoA	-7,623	-0,047	0,290
CHR14	2745974	CHR14:2745974	SSF x Far_LoA	-10,067	0,066	0,296
CHR14	2746201	CHR14:2746201	SSF x Far_LoA	-9,047	-0,004	0,280
CHR14	2761104	CHR14:2761104	SSF x Far_LoA	-8,123	-0,018	0,296
CHR14	2761219	CHR14:2761219	SSF x Far_LoA	-10,983	-0,070	0,295
CHR14	2761232	CHR14:2761232	SSF x Far_LoA	-9,993	0,024	0,286
CHR14	2779912	CHR14:2779912	SSF x Far_LoA	-10,584	0,047	0,280
CHR14	2779955	CHR14:2779955	SSF x Far_LoA	-11,102	0,075	0,302
CHR14	2780034	CHR14:2780034	SSF x Far_LoA	-8,488	-0,085	0,279
CHR14	2780035	CHR14:2780035	SSF x Far_LoA	-9,190	-0,042	0,277
CHR14	2780189	CHR14:2780189	SSF x Far_LoA	-6,369	0,145	0,279
CHR14	2781945	CHR14:2781945	SSF x Far_LoA	-8,405	-0,130	0,292
CHR14	2782005	CHR14:2782005	SSF x Far_LoA	-9,557	0,006	0,296
CHR14	2782918	CHR14:2782918	SSF x Far_LoA	-7,469	0,076	0,293
CHR14	2782930	CHR14:2782930	SSF x Far_LoA	-8,973	-0,040	0,284
CHR14	2782951	CHR14:2782951	SSF x Far_LoA	-9,189	-0,011	0,280
CHR14	2782999	CHR14:2782999	SSF x Far_LoA	-7,440	-0,116	0,289
CHR14	2784686	CHR14:2784686	SSF x Far_LoA	-9,806	0,049	0,286
CHR14	2784747	CHR14:2784747	SSF x Far_LoA	-7,954	-0,097	0,300
CHR14	2784749	CHR14:2784749	SSF x Far_LoA	-5,291	0,019	0,297
CHR14	2811577	CHR14:2811577	SSF x Far_LoA	-10,040	0,135	0,293
CHR14	2811605	CHR14:2811605	SSF x Far_LoA	-7,423	0,003	0,297
CHR14	2817339	CHR14:2817339	SSF x Far_LoA	-9,531	-0,071	0,291
CHR14	2833306	CHR14:2833306	SSF x Far_LoA	-11,602	-0,018	0,290
CHR14	2833537	CHR14:2833537	SSF x Far_LoA	-10,574	-0,104	0,286
CHR14	2836213	CHR14:2836213	SSF x Far_LoA	-9,628	-0,021	0,278
CHR14	2842503	CHR14:2842503	SSF x Far_LoA	-10,386	0,046	0,293
CHR14	2842570	CHR14:2842570	SSF x Far_LoA	-2,418	-0,125	0,302
CHR14	2851594	CHR14:2851594	SSF x Far_LoA	-6,810	0,042	0,294
CHR14	2851622	CHR14:2851622	SSF x Far_LoA	-9,311	-0,035	0,291
CHR14	2851713	CHR14:2851713	SSF x Far_LoA	-8,790	-0,077	0,289
CHR14	2851749	CHR14:2851749	SSF x Far_LoA	-7,223	-0,120	0,289
CHR14	2867406	CHR14:2867406	SSF x Far_LoA	-9,522	-0,051	0,279
CHR14	2867595	CHR14:2867595	SSF x Far_LoA	-8,877	0,019	0,262
CHR14	2876019	CHR14:2876019	SSF x Far_LoA	-11,709	0,058	0,298
CHR14	2876130	CHR14:2876130	SSF x Far_LoA	-5,534	0,162	0,290
CHR14	2876164	CHR14:2876164	SSF x Far_LoA	-10,997	-0,054	0,293
CHR14	2892223	CHR14:2892223	SSF x Far_LoA	-10,360	0,093	0,286

CHR14	2892295	CHR14:2892295	SSF x Far_LoA	-10,685	-0,089	0,286
CHR14	2927857	CHR14:2927857	SSF x Far_LoA	-8,097	-0,001	0,309
CHR14	2927881	CHR14:2927881	SSF x Far_LoA	-8,353	0,098	0,301
CHR14	2927894	CHR14:2927894	SSF x Far_LoA	-7,943	0,167	0,275
CHR14	2934811	CHR14:2934811	SSF x Far_LoA	-10,354	-0,003	0,287
CHR14	2934824	CHR14:2934824	SSF x Far_LoA	-8,032	-0,083	0,289
CHR14	2934835	CHR14:2934835	SSF x Far_LoA	-10,358	0,021	0,293
CHR14	2947831	CHR14:2947831	SSF x Far_LoA	-4,545	0,140	0,295
CHR14	2947930	CHR14:2947930	SSF x Far_LoA	-8,618	-0,062	0,300
CHR14	2948020	CHR14:2948020	SSF x Far_LoA	-7,456	-0,145	0,302
CHR14	2954222	CHR14:2954222	SSF x Far_LoA	-9,499	-0,026	0,290
CHR14	2954262	CHR14:2954262	SSF x Far_LoA	-10,448	-0,027	0,291
CHR14	2956761	CHR14:2956761	SSF x Far_LoA	-11,545	0,034	0,288
CHR14	2959230	CHR14:2959230	SSF x Far_LoA	-9,241	0,072	0,304
CHR14	2959328	CHR14:2959328	SSF x Far_LoA	-9,501	0,054	0,289
CHR14	2959419	CHR14:2959419	SSF x Far_LoA	-10,455	-0,052	0,278
CHR14	2959428	CHR14:2959428	SSF x Far_LoA	-6,896	0,010	0,297
CHR14	2959469	CHR14:2959469	SSF x Far_LoA	-11,424	-0,063	0,291
CHR14	2977445	CHR14:2977445	SSF x Far_LoA	-3,057	0,070	0,300
CHR14	2978423	CHR14:2978423	SSF x Far_LoA	-7,561	0,001	0,294
CHR14	2988203	CHR14:2988203	SSF x Far_LoA	-11,426	0,002	0,287
CHR14	2988407	CHR14:2988407	SSF x Far_LoA	-7,233	0,022	0,295
CHR14	2988441	CHR14:2988441	SSF x Far_LoA	-9,874	0,043	0,288
CHR14	2995251	CHR14:2995251	SSF x Far_LoA	-6,716	0,101	0,278
CHR14	2995263	CHR14:2995263	SSF x Far_LoA	-11,269	0,022	0,285
CHR14	2995288	CHR14:2995288	SSF x Far_LoA	-9,087	-0,019	0,292
CHR14	2995415	CHR14:2995415	SSF x Far_LoA	-6,883	0,052	0,289
CHR14	2995431	CHR14:2995431	SSF x Far_LoA	-10,686	-0,023	0,277
CHR14	2995469	CHR14:2995469	SSF x Far_LoA	-10,303	-0,072	0,292
CHR14	3002726	CHR14:3002726	SSF x Far_LoA	-8,280	0,046	0,298
CHR14	3002736	CHR14:3002736	SSF x Far_LoA	-9,485	-0,146	0,276
CHR14	3002770	CHR14:3002770	SSF x Far_LoA	-9,684	-0,007	0,286
CHR14	3011874	CHR14:3011874	SSF x Far_LoA	-10,924	-0,080	0,289
CHR14	3011894	CHR14:3011894	SSF x Far_LoA	-9,718	0,026	0,286
CHR14	3012026	CHR14:3012026	SSF x Far_LoA	-10,831	-0,092	0,290
CHR14	3012043	CHR14:3012043	SSF x Far_LoA	-7,003	0,070	0,290
CHR14	3012087	CHR14:3012087	SSF x Far_LoA	-8,367	0,097	0,298
CHR14	3012088	CHR14:3012088	SSF x Far_LoA	-11,022	-0,084	0,293
CHR14	3012108	CHR14:3012108	SSF x Far_LoA	-9,709	-0,024	0,281
CHR14	3012124	CHR14:3012124	SSF x Far_LoA	-8,432	0,098	0,270
CHR14	3012128	CHR14:3012128	SSF x Far_LoA	-7,768	0,119	0,278
CHR14	3019209	CHR14:3019209	SSF x Far_LoA	-11,282	-0,043	0,283
CHR14	3019259	CHR14:3019259	SSF x Far_LoA	-8,931	0,111	0,282
CHR14	3019369	CHR14:3019369	SSF x Far_LoA	-8,942	0,100	0,280
CHR14	3019376	CHR14:3019376	SSF x Far_LoA	-10,662	-0,061	0,284
CHR14	3019416	CHR14:3019416	SSF x Far_LoA	-9,047	0,070	0,290
CHR14	3019442	CHR14:3019442	SSF x Far_LoA	-8,673	0,070	0,282
CHR14	3019465	CHR14:3019465	SSF x Far_LoA	-10,134	0,060	0,295
CHR14	3019473	CHR14:3019473	SSF x Far_LoA	-8,995	-0,028	0,304
CHR14	3026031	CHR14:3026031	SSF x Far_LoA	-9,353	-0,042	0,293
CHR14	3048420	CHR14:3048420	SSF x Far_LoA	-9,781	-0,033	0,280
CHR14	3048445	CHR14:3048445	SSF x Far_LoA	-10,831	-0,040	0,302
CHR14	3055076	CHR14:3055076	SSF x Far_LoA	-6,848	-0,139	0,293

CHR14	3055204	CHR14:3055204	SSF x Far_LoA	-7,880	0,095	0,298
CHR14	3060938	CHR14:3060938	SSF x Far_LoA	-9,156	-0,048	0,277
CHR14	3061077	CHR14:3061077	SSF x Far_LoA	-10,001	-0,092	0,288
CHR14	3113485	CHR14:3113485	SSF x Far_LoA	-7,254	-0,027	0,295
CHR14	3113493	CHR14:3113493	SSF x Far_LoA	-10,433	0,013	0,288
CHR14	3113497	CHR14:3113497	SSF x Far_LoA	-10,784	0,034	0,285
CHR14	3113502	CHR14:3113502	SSF x Far_LoA	-9,405	-0,021	0,289
CHR14	3113506	CHR14:3113506	SSF x Far_LoA	-7,984	-0,021	0,293
CHR14	3113510	CHR14:3113510	SSF x Far_LoA	-8,617	-0,023	0,297
CHR14	3113576	CHR14:3113576	SSF x Far_LoA	-11,152	-0,042	0,286
CHR14	3115923	CHR14:3115923	SSF x Far_LoA	-8,826	-0,157	0,295
CHR14	3116016	CHR14:3116016	SSF x Far_LoA	-7,313	-0,128	0,294
CHR14	3116067	CHR14:3116067	SSF x Far_LoA	-10,331	-0,011	0,299
CHR14	3116104	CHR14:3116104	SSF x Far_LoA	-10,152	0,035	0,285
CHR14	3116150	CHR14:3116150	SSF x Far_LoA	-8,796	0,104	0,287
CHR14	3116175	CHR14:3116175	SSF x Far_LoA	-6,751	0,058	0,278
CHR14	3120852	CHR14:3120852	SSF x Far_LoA	-9,331	-0,027	0,299
CHR14	3120856	CHR14:3120856	SSF x Far_LoA	-8,936	-0,034	0,305
CHR14	3120903	CHR14:3120903	SSF x Far_LoA	-10,756	-0,051	0,300
CHR14	3128007	CHR14:3128007	SSF x Far_LoA	-5,527	-0,209	0,286
CHR14	3128067	CHR14:3128067	SSF x Far_LoA	-11,502	-0,021	0,288
CHR14	3128106	CHR14:3128106	SSF x Far_LoA	-9,533	-0,001	0,294
CHR14	3128211	CHR14:3128211	SSF x Far_LoA	-8,631	-0,044	0,295
CHR14	3129364	CHR14:3129364	SSF x Far_LoA	-8,887	-0,072	0,302
CHR14	3129379	CHR14:3129379	SSF x Far_LoA	-11,716	-0,019	0,303
CHR14	3129417	CHR14:3129417	SSF x Far_LoA	-7,780	-0,068	0,306
CHR14	3129464	CHR14:3129464	SSF x Far_LoA	-9,794	0,029	0,299
CHR14	3129471	CHR14:3129471	SSF x Far_LoA	-7,800	0,070	0,294
CHR14	3129599	CHR14:3129599	SSF x Far_LoA	-10,870	0,117	0,273
CHR14	3129672	CHR14:3129672	SSF x Far_LoA	-3,726	0,202	0,298
CHR14	3129680	CHR14:3129680	SSF x Far_LoA	-8,546	-0,122	0,262
CHR14	3129687	CHR14:3129687	SSF x Far_LoA	-6,729	-0,091	0,304
CHR14	3138600	CHR14:3138600	SSF x Far_LoA	-8,196	0,081	0,293
CHR14	3138739	CHR14:3138739	SSF x Far_LoA	-8,793	0,090	0,287
CHR14	3138840	CHR14:3138840	SSF x Far_LoA	-6,712	-0,050	0,283
CHR14	3138860	CHR14:3138860	SSF x Far_LoA	-9,914	0,060	0,290
CHR14	3138886	CHR14:3138886	SSF x Far_LoA	-5,510	-0,061	0,264
CHR14	3147424	CHR14:3147424	SSF x Far_LoA	-7,352	0,068	0,265
CHR14	3169065	CHR14:3169065	SSF x Far_LoA	-8,836	0,073	0,308
CHR14	3169159	CHR14:3169159	SSF x Far_LoA	-8,699	-0,046	0,284
CHR14	3169162	CHR14:3169162	SSF x Far_LoA	-8,811	0,048	0,297
CHR14	3177156	CHR14:3177156	SSF x Far_LoA	-8,509	0,029	0,278
CHR14	3177157	CHR14:3177157	SSF x Far_LoA	-8,418	0,017	0,286
CHR14	3179237	CHR14:3179237	SSF x Far_LoA	-8,953	-0,064	0,302
CHR14	3179369	CHR14:3179369	SSF x Far_LoA	-8,330	-0,037	0,292
CHR14	3200467	CHR14:3200467	SSF x Far_LoA	-9,643	0,087	0,280
CHR14	3200597	CHR14:3200597	SSF x Far_LoA	-9,144	-0,003	0,290
CHR14	3210207	CHR14:3210207	SSF x Far_LoA	-8,599	-0,007	0,286
CHR14	3210244	CHR14:3210244	SSF x Far_LoA	-11,778	-0,045	0,285
CHR14	3210359	CHR14:3210359	SSF x Far_LoA	-10,918	0,032	0,283
CHR14	3210382	CHR14:3210382	SSF x Far_LoA	-10,141	-0,072	0,297
CHR14	3211926	CHR14:3211926	SSF x Far_LoA	-9,648	0,030	0,284
CHR14	3211994	CHR14:3211994	SSF x Far_LoA	-7,387	-0,101	0,287

CHR14	3217333	CHR14:3217333	SSF x Far_LoA	-6,387	0,137	0,296
CHR14	3218925	CHR14:3218925	SSF x Far_LoA	-8,246	0,089	0,303
CHR14	3218954	CHR14:3218954	SSF x Far_LoA	-11,300	0,069	0,285
CHR14	3219030	CHR14:3219030	SSF x Far_LoA	-11,456	0,009	0,296
CHR14	3219145	CHR14:3219145	SSF x Far_LoA	-8,687	-0,123	0,288
CHR14	3227296	CHR14:3227296	SSF x Far_LoA	-10,220	-0,029	0,296
CHR14	3256884	CHR14:3256884	SSF x Far_LoA	-10,610	-0,062	0,293
CHR14	328199	CHR14:328199	SSF x Far_LoA	-10,515	-0,049	0,289
CHR14	3285500	CHR14:3285500	SSF x Far_LoA	-10,103	0,014	0,285
CHR14	3299184	CHR14:3299184	SSF x Far_LoA	-9,222	0,091	0,292
CHR14	3314171	CHR14:3314171	SSF x Far_LoA	-7,478	0,090	0,277
CHR14	3314188	CHR14:3314188	SSF x Far_LoA	-8,044	0,146	0,266
CHR14	3314206	CHR14:3314206	SSF x Far_LoA	-4,907	0,142	0,297
CHR14	3314242	CHR14:3314242	SSF x Far_LoA	-2,295	-0,134	0,311
CHR14	3314299	CHR14:3314299	SSF x Far_LoA	-9,305	0,014	0,298
CHR14	3354262	CHR14:3354262	SSF x Far_LoA	-10,262	-0,045	0,290
CHR14	3354322	CHR14:3354322	SSF x Far_LoA	-9,919	-0,043	0,295
CHR14	3354326	CHR14:3354326	SSF x Far_LoA	-7,900	-0,117	0,289
CHR14	3354350	CHR14:3354350	SSF x Far_LoA	-8,383	-0,081	0,283
CHR14	3354368	CHR14:3354368	SSF x Far_LoA	-10,264	0,072	0,306
CHR14	3357770	CHR14:3357770	SSF x Far_LoA	-7,756	-0,048	0,288
CHR14	3374333	CHR14:3374333	SSF x Far_LoA	-8,078	-0,096	0,297
CHR14	3374336	CHR14:3374336	SSF x Far_LoA	-4,757	-0,121	0,301
CHR14	3376432	CHR14:3376432	SSF x Far_LoA	-10,028	-0,016	0,289
CHR14	3376493	CHR14:3376493	SSF x Far_LoA	-9,956	0,082	0,288
CHR14	3376495	CHR14:3376495	SSF x Far_LoA	-8,202	-0,068	0,291
CHR14	3388872	CHR14:3388872	SSF x Far_LoA	-3,959	-0,107	0,302
CHR14	3388944	CHR14:3388944	SSF x Far_LoA	-8,790	0,038	0,293
CHR14	3388986	CHR14:3388986	SSF x Far_LoA	-10,279	-0,010	0,289
CHR14	3389055	CHR14:3389055	SSF x Far_LoA	-9,635	0,043	0,280
CHR14	3389111	CHR14:3389111	SSF x Far_LoA	-10,128	0,035	0,306
CHR14	3389138	CHR14:3389138	SSF x Far_LoA	-9,055	0,055	0,301
CHR14	3389145	CHR14:3389145	SSF x Far_LoA	-9,507	0,064	0,310
CHR14	3389146	CHR14:3389146	SSF x Far_LoA	-8,596	0,044	0,279
CHR14	3397043	CHR14:3397043	SSF x Far_LoA	-6,869	-0,171	0,279
CHR14	3397083	CHR14:3397083	SSF x Far_LoA	-2,065	-0,132	0,277
CHR14	3397584	CHR14:3397584	SSF x Far_LoA	-5,230	0,145	0,284
CHR14	3397651	CHR14:3397651	SSF x Far_LoA	-8,886	-0,013	0,285
CHR14	3397654	CHR14:3397654	SSF x Far_LoA	-7,701	0,030	0,286
CHR14	3397687	CHR14:3397687	SSF x Far_LoA	-10,368	0,105	0,282
CHR14	3406805	CHR14:3406805	SSF x Far_LoA	-10,339	-0,093	0,291
CHR14	3406838	CHR14:3406838	SSF x Far_LoA	-10,110	0,100	0,283
CHR14	3406968	CHR14:3406968	SSF x Far_LoA	-6,339	-0,100	0,295
CHR14	3408818	CHR14:3408818	SSF x Far_LoA	-6,908	-0,046	0,274
CHR14	3408879	CHR14:3408879	SSF x Far_LoA	-10,503	-0,006	0,286
CHR14	3409043	CHR14:3409043	SSF x Far_LoA	-9,259	0,064	0,287
CHR14	3411797	CHR14:3411797	SSF x Far_LoA	-8,998	-0,044	0,295
CHR14	3411810	CHR14:3411810	SSF x Far_LoA	-10,187	0,108	0,291
CHR14	3411933	CHR14:3411933	SSF x Far_LoA	-10,120	-0,073	0,289
CHR14	3415580	CHR14:3415580	SSF x Far_LoA	-8,553	0,094	0,291
CHR14	3417478	CHR14:3417478	SSF x Far_LoA	-9,763	0,013	0,300
CHR14	3423675	CHR14:3423675	SSF x Far_LoA	-9,341	-0,001	0,295
CHR14	3426326	CHR14:3426326	SSF x Far_LoA	-12,416	0,025	0,295

CHR14	3429187	CHR14:3429187	SSF x Far_LoA	-10,934	-0,074	0,286
CHR14	3429321	CHR14:3429321	SSF x Far_LoA	-9,606	-0,036	0,284
CHR14	3431284	CHR14:3431284	SSF x Far_LoA	-9,294	-0,008	0,291
CHR14	3431326	CHR14:3431326	SSF x Far_LoA	-6,774	0,170	0,292
CHR14	3431347	CHR14:3431347	SSF x Far_LoA	-6,751	-0,142	0,291
CHR14	3433413	CHR14:3433413	SSF x Far_LoA	-8,419	0,057	0,293
CHR14	3433432	CHR14:3433432	SSF x Far_LoA	-8,409	0,113	0,278
CHR14	3444882	CHR14:3444882	SSF x Far_LoA	-9,189	-0,011	0,292
CHR14	3444910	CHR14:3444910	SSF x Far_LoA	-8,451	0,006	0,298
CHR14	3444927	CHR14:3444927	SSF x Far_LoA	-9,206	-0,061	0,296
CHR14	3453640	CHR14:3453640	SSF x Far_LoA	-8,737	0,040	0,288
CHR14	3456455	CHR14:3456455	SSF x Far_LoA	-5,690	0,173	0,285
CHR14	3456533	CHR14:3456533	SSF x Far_LoA	-5,503	-0,188	0,299
CHR14	3456585	CHR14:3456585	SSF x Far_LoA	-1,809	0,223	0,276
CHR14	3456710	CHR14:3456710	SSF x Far_LoA	-9,866	-0,034	0,299
CHR14	3458908	CHR14:3458908	SSF x Far_LoA	-8,953	-0,014	0,275
CHR14	3458916	CHR14:3458916	SSF x Far_LoA	-0,842	0,310	0,255
CHR14	3459127	CHR14:3459127	SSF x Far_LoA	-5,146	0,148	0,301
CHR14	3474325	CHR14:3474325	SSF x Far_LoA	-11,340	0,025	0,282
CHR14	3474471	CHR14:3474471	SSF x Far_LoA	-6,405	-0,206	0,283
CHR14	3511560	CHR14:3511560	SSF x Far_LoA	-11,241	0,064	0,288
CHR14	3511581	CHR14:3511581	SSF x Far_LoA	-8,587	0,011	0,282
CHR14	3512063	CHR14:3512063	SSF x Far_LoA	-7,461	0,137	0,276
CHR14	3517120	CHR14:3517120	SSF x Far_LoA	-11,071	-0,018	0,295
CHR14	3517121	CHR14:3517121	SSF x Far_LoA	-8,311	0,067	0,284
CHR14	3517127	CHR14:3517127	SSF x Far_LoA	-8,952	-0,023	0,293
CHR14	3517374	CHR14:3517374	SSF x Far_LoA	-7,786	-0,087	0,313
CHR14	3535157	CHR14:3535157	SSF x Far_LoA	-6,406	-0,063	0,291
CHR14	3535242	CHR14:3535242	SSF x Far_LoA	-9,563	0,036	0,278
CHR14	3543528	CHR14:3543528	SSF x Far_LoA	-9,002	-0,168	0,284
CHR14	3543980	CHR14:3543980	SSF x Far_LoA	-9,821	0,041	0,287
CHR14	3544048	CHR14:3544048	SSF x Far_LoA	-11,183	0,051	0,286
CHR14	3555816	CHR14:3555816	SSF x Far_LoA	-9,957	0,078	0,281
CHR14	3555843	CHR14:3555843	SSF x Far_LoA	-9,161	-0,026	0,289
CHR14	3592515	CHR14:3592515	SSF x Far_LoA	-10,534	0,088	0,289
CHR14	3592581	CHR14:3592581	SSF x Far_LoA	-8,586	-0,026	0,301
CHR14	3592591	CHR14:3592591	SSF x Far_LoA	-7,710	-0,031	0,299
CHR14	3592598	CHR14:3592598	SSF x Far_LoA	-10,144	0,023	0,295
CHR14	3603052	CHR14:3603052	SSF x Far_LoA	-8,806	-0,045	0,295
CHR14	3608223	CHR14:3608223	SSF x Far_LoA	-10,207	-0,069	0,283
CHR14	3611711	CHR14:3611711	SSF x Far_LoA	-10,861	-0,050	0,279
CHR14	3611764	CHR14:3611764	SSF x Far_LoA	-7,272	-0,051	0,299
CHR14	3614924	CHR14:3614924	SSF x Far_LoA	-9,264	0,009	0,295
CHR14	3621587	CHR14:3621587	SSF x Far_LoA	-10,428	-0,031	0,273
CHR14	3621621	CHR14:3621621	SSF x Far_LoA	-11,428	-0,056	0,288
CHR14	3621770	CHR14:3621770	SSF x Far_LoA	-11,065	0,023	0,306
CHR14	3621805	CHR14:3621805	SSF x Far_LoA	-9,009	-0,079	0,276
CHR14	3631455	CHR14:3631455	SSF x Far_LoA	-2,522	0,216	0,278
CHR14	3646458	CHR14:3646458	SSF x Far_LoA	-7,433	0,170	0,281
CHR14	3646563	CHR14:3646563	SSF x Far_LoA	-9,397	0,051	0,304
CHR14	3654084	CHR14:3654084	SSF x Far_LoA	-8,607	-0,039	0,289
CHR14	3654284	CHR14:3654284	SSF x Far_LoA	-8,520	0,071	0,286
CHR14	3654288	CHR14:3654288	SSF x Far_LoA	-8,929	0,024	0,296

CHR14	3654346	CHR14:3654346	SSF x Far_LoA	-8,170	-0,004	0,286
CHR14	3661604	CHR14:3661604	SSF x Far_LoA	-2,813	-0,114	0,277
CHR14	3661641	CHR14:3661641	SSF x Far_LoA	-5,202	-0,084	0,296
CHR14	3661665	CHR14:3661665	SSF x Far_LoA	-7,441	-0,091	0,283
CHR14	3661742	CHR14:3661742	SSF x Far_LoA	-8,754	0,100	0,297
CHR14	3661766	CHR14:3661766	SSF x Far_LoA	-9,448	-0,076	0,287
CHR14	3663398	CHR14:3663398	SSF x Far_LoA	-7,124	-0,158	0,301
CHR14	3663455	CHR14:3663455	SSF x Far_LoA	-6,607	-0,100	0,299
CHR14	3663568	CHR14:3663568	SSF x Far_LoA	-8,781	0,071	0,288
CHR14	3663573	CHR14:3663573	SSF x Far_LoA	-11,107	-0,049	0,295
CHR14	3663582	CHR14:3663582	SSF x Far_LoA	-10,682	-0,034	0,271
CHR14	3673672	CHR14:3673672	SSF x Far_LoA	-10,469	0,068	0,300
CHR14	3674191	CHR14:3674191	SSF x Far_LoA	-12,004	-0,014	0,282
CHR14	3674296	CHR14:3674296	SSF x Far_LoA	-6,083	0,228	0,259
CHR14	3674355	CHR14:3674355	SSF x Far_LoA	-9,460	0,048	0,287
CHR14	3676970	CHR14:3676970	SSF x Far_LoA	-10,800	-0,096	0,297
CHR14	3677063	CHR14:3677063	SSF x Far_LoA	-9,462	-0,074	0,284
CHR14	3677865	CHR14:3677865	SSF x Far_LoA	-9,373	0,063	0,300
CHR14	3677905	CHR14:3677905	SSF x Far_LoA	-6,640	0,170	0,282
CHR14	368520	CHR14:368520	SSF x Far_LoA	-8,735	-0,058	0,300
CHR14	3685658	CHR14:3685658	SSF x Far_LoA	-12,052	-0,024	0,291
CHR14	3685924	CHR14:3685924	SSF x Far_LoA	-9,905	-0,100	0,273
CHR14	3685931	CHR14:3685931	SSF x Far_LoA	-9,075	0,004	0,302
CHR14	3686028	CHR14:3686028	SSF x Far_LoA	-7,458	-0,050	0,289
CHR14	368725	CHR14:368725	SSF x Far_LoA	-8,456	-0,038	0,293
CHR14	368793	CHR14:368793	SSF x Far_LoA	-10,019	0,022	0,287
CHR14	3689425	CHR14:3689425	SSF x Far_LoA	-4,324	0,014	0,282
CHR14	3689483	CHR14:3689483	SSF x Far_LoA	-9,426	-0,042	0,290
CHR14	3699506	CHR14:3699506	SSF x Far_LoA	-8,853	-0,075	0,292
CHR14	3699529	CHR14:3699529	SSF x Far_LoA	-11,812	-0,054	0,278
CHR14	3706479	CHR14:3706479	SSF x Far_LoA	-6,815	-0,149	0,279
CHR14	3706497	CHR14:3706497	SSF x Far_LoA	-10,322	0,058	0,298
CHR14	3706515	CHR14:3706515	SSF x Far_LoA	-8,460	0,036	0,288
CHR14	3707795	CHR14:3707795	SSF x Far_LoA	-11,089	0,025	0,287
CHR14	3707806	CHR14:3707806	SSF x Far_LoA	-6,257	0,006	0,310
CHR14	3707828	CHR14:3707828	SSF x Far_LoA	-10,447	-0,066	0,296
CHR14	3707859	CHR14:3707859	SSF x Far_LoA	-9,409	0,038	0,287
CHR14	3707873	CHR14:3707873	SSF x Far_LoA	-8,352	0,094	0,293
CHR14	3707954	CHR14:3707954	SSF x Far_LoA	-9,406	0,054	0,284
CHR14	3717453	CHR14:3717453	SSF x Far_LoA	-8,531	-0,148	0,286
CHR14	3720276	CHR14:3720276	SSF x Far_LoA	-8,683	-0,143	0,275
CHR14	3722380	CHR14:3722380	SSF x Far_LoA	-7,359	0,046	0,297
CHR14	3722442	CHR14:3722442	SSF x Far_LoA	-9,939	-0,026	0,304
CHR14	3722452	CHR14:3722452	SSF x Far_LoA	-8,768	-0,010	0,292
CHR14	3723421	CHR14:3723421	SSF x Far_LoA	-12,052	0,113	0,278
CHR14	3723461	CHR14:3723461	SSF x Far_LoA	-11,005	-0,040	0,284
CHR14	3723492	CHR14:3723492	SSF x Far_LoA	-12,502	0,096	0,281
CHR14	3743845	CHR14:3743845	SSF x Far_LoA	-9,414	0,004	0,294
CHR14	3743942	CHR14:3743942	SSF x Far_LoA	-11,629	-0,016	0,287
CHR14	3765601	CHR14:3765601	SSF x Far_LoA	-11,500	-0,040	0,287
CHR14	3765739	CHR14:3765739	SSF x Far_LoA	-9,581	0,017	0,298
CHR14	3765754	CHR14:3765754	SSF x Far_LoA	-8,660	0,013	0,290
CHR14	3765813	CHR14:3765813	SSF x Far_LoA	-11,139	0,021	0,280

CHR14	3791684	CHR14:3791684	SSF x Far_LoA	-8,661	0,061	0,276
CHR14	3791813	CHR14:3791813	SSF x Far_LoA	-10,649	-0,025	0,285
CHR14	3796929	CHR14:3796929	SSF x Far_LoA	-7,143	0,165	0,269
CHR14	3831298	CHR14:3831298	SSF x Far_LoA	-8,816	0,023	0,282
CHR14	3869486	CHR14:3869486	SSF x Far_LoA	-4,797	-0,077	0,293
CHR14	3869547	CHR14:3869547	SSF x Far_LoA	-8,162	-0,094	0,300
CHR14	3869586	CHR14:3869586	SSF x Far_LoA	-8,948	0,007	0,289
CHR14	3904770	CHR14:3904770	SSF x Far_LoA	-6,840	0,085	0,281
CHR14	390495	CHR14:390495	SSF x Far_LoA	-9,052	0,035	0,293
CHR14	392016	CHR14:392016	SSF x Far_LoA	-11,629	-0,018	0,304
CHR14	392064	CHR14:392064	SSF x Far_LoA	-9,111	-0,091	0,303
CHR14	3921670	CHR14:3921670	SSF x Far_LoA	-6,635	-0,141	0,284
CHR14	3934103	CHR14:3934103	SSF x Far_LoA	-10,875	0,084	0,279
CHR14	3934137	CHR14:3934137	SSF x Far_LoA	-7,135	0,172	0,279
CHR14	3934157	CHR14:3934157	SSF x Far_LoA	-7,741	-0,151	0,281
CHR14	3934160	CHR14:3934160	SSF x Far_LoA	-10,892	0,052	0,293
CHR14	3934187	CHR14:3934187	SSF x Far_LoA	-7,903	0,005	0,307
CHR14	3934225	CHR14:3934225	SSF x Far_LoA	-9,191	-0,124	0,297
CHR14	3934268	CHR14:3934268	SSF x Far_LoA	-11,059	0,049	0,286
CHR14	3952139	CHR14:3952139	SSF x Far_LoA	-5,777	-0,114	0,287
CHR14	3955634	CHR14:3955634	SSF x Far_LoA	-9,047	0,075	0,295
CHR14	3955770	CHR14:3955770	SSF x Far_LoA	-8,753	-0,002	0,295
CHR14	3955835	CHR14:3955835	SSF x Far_LoA	-7,196	-0,167	0,281
CHR14	3966705	CHR14:3966705	SSF x Far_LoA	-9,926	0,028	0,298
CHR14	3973659	CHR14:3973659	SSF x Far_LoA	-6,924	-0,102	0,291
CHR14	3974024	CHR14:3974024	SSF x Far_LoA	-6,125	-0,201	0,288
CHR14	3975303	CHR14:3975303	SSF x Far_LoA	-6,092	-0,103	0,278
CHR14	3975310	CHR14:3975310	SSF x Far_LoA	-8,074	-0,123	0,264
CHR14	398772	CHR14:398772	SSF x Far_LoA	-10,099	0,083	0,287
CHR14	3997080	CHR14:3997080	SSF x Far_LoA	-6,952	0,102	0,295
CHR14	3999207	CHR14:3999207	SSF x Far_LoA	-8,789	-0,038	0,297
CHR14	4010303	CHR14:4010303	SSF x Far_LoA	-8,170	-0,141	0,294
CHR14	4013693	CHR14:4013693	SSF x Far_LoA	-11,720	-0,031	0,290
CHR14	4028465	CHR14:4028465	SSF x Far_LoA	-11,211	-0,013	0,295
CHR14	4029052	CHR14:4029052	SSF x Far_LoA	-9,860	0,005	0,294
CHR14	4032113	CHR14:4032113	SSF x Far_LoA	-9,427	-0,031	0,295
CHR14	4032146	CHR14:4032146	SSF x Far_LoA	-8,149	-0,032	0,303
CHR14	4032163	CHR14:4032163	SSF x Far_LoA	-9,046	-0,053	0,293
CHR14	4032213	CHR14:4032213	SSF x Far_LoA	-10,040	0,009	0,296
CHR14	4032239	CHR14:4032239	SSF x Far_LoA	-8,742	0,046	0,295
CHR14	4032245	CHR14:4032245	SSF x Far_LoA	-10,207	0,021	0,300
CHR14	4032250	CHR14:4032250	SSF x Far_LoA	-10,306	-0,054	0,289
CHR14	4040371	CHR14:4040371	SSF x Far_LoA	-9,521	-0,003	0,289
CHR14	4040377	CHR14:4040377	SSF x Far_LoA	-6,267	0,232	0,272
CHR14	4054010	CHR14:4054010	SSF x Far_LoA	-10,678	0,142	0,285
CHR14	4054155	CHR14:4054155	SSF x Far_LoA	-9,658	-0,016	0,289
CHR14	4054236	CHR14:4054236	SSF x Far_LoA	-8,763	-0,036	0,301
CHR14	4057371	CHR14:4057371	SSF x Far_LoA	-11,102	0,045	0,293
CHR14	4057434	CHR14:4057434	SSF x Far_LoA	-5,697	-0,112	0,286
CHR14	4057515	CHR14:4057515	SSF x Far_LoA	-9,228	0,057	0,297
CHR14	4057562	CHR14:4057562	SSF x Far_LoA	-10,903	0,066	0,295
CHR14	4057583	CHR14:4057583	SSF x Far_LoA	-9,528	-0,009	0,306
CHR14	4062196	CHR14:4062196	SSF x Far_LoA	-4,377	-0,134	0,288

CHR14	4065890	CHR14:4065890	SSF x Far_LoA	-7,775	0,103	0,293
CHR14	4065974	CHR14:4065974	SSF x Far_LoA	-9,410	-0,062	0,310
CHR14	4086955	CHR14:4086955	SSF x Far_LoA	-10,265	-0,010	0,291
CHR14	4086995	CHR14:4086995	SSF x Far_LoA	-8,748	0,057	0,301
CHR14	4087007	CHR14:4087007	SSF x Far_LoA	-9,119	0,023	0,292
CHR14	4087045	CHR14:4087045	SSF x Far_LoA	-9,074	-0,015	0,285
CHR14	4087706	CHR14:4087706	SSF x Far_LoA	-10,607	-0,026	0,293
CHR14	4090218	CHR14:4090218	SSF x Far_LoA	-8,703	0,070	0,296
CHR14	4090239	CHR14:4090239	SSF x Far_LoA	-9,167	0,005	0,292
CHR14	4090273	CHR14:4090273	SSF x Far_LoA	-11,725	-0,022	0,293
CHR14	4090321	CHR14:4090321	SSF x Far_LoA	-4,518	-0,010	0,312
CHR14	4090362	CHR14:4090362	SSF x Far_LoA	-8,134	0,104	0,286
CHR14	4090368	CHR14:4090368	SSF x Far_LoA	-5,738	0,055	0,291
CHR14	4092468	CHR14:4092468	SSF x Far_LoA	-10,054	0,000	0,286
CHR14	4092510	CHR14:4092510	SSF x Far_LoA	-7,522	0,073	0,302
CHR14	4093607	CHR14:4093607	SSF x Far_LoA	-4,496	-0,104	0,289
CHR14	4093644	CHR14:4093644	SSF x Far_LoA	-8,463	-0,094	0,296
CHR14	4098329	CHR14:4098329	SSF x Far_LoA	-10,561	0,074	0,282
CHR14	4098359	CHR14:4098359	SSF x Far_LoA	-9,983	0,059	0,281
CHR14	4118281	CHR14:4118281	SSF x Far_LoA	-11,440	0,132	0,278
CHR14	4118300	CHR14:4118300	SSF x Far_LoA	-9,031	0,047	0,292
CHR14	4119221	CHR14:4119221	SSF x Far_LoA	-8,437	-0,019	0,283
CHR14	4119222	CHR14:4119222	SSF x Far_LoA	-9,426	0,005	0,285
CHR14	4119238	CHR14:4119238	SSF x Far_LoA	-7,350	-0,009	0,298
CHR14	4119298	CHR14:4119298	SSF x Far_LoA	-8,272	-0,011	0,293
CHR14	4128782	CHR14:4128782	SSF x Far_LoA	-11,081	-0,013	0,294
CHR14	4129016	CHR14:4129016	SSF x Far_LoA	-5,608	-0,140	0,301
CHR14	4129052	CHR14:4129052	SSF x Far_LoA	-7,235	0,084	0,306
CHR14	4129062	CHR14:4129062	SSF x Far_LoA	-7,037	0,160	0,278
CHR14	4129069	CHR14:4129069	SSF x Far_LoA	0,478	0,154	0,284
CHR14	4129070	CHR14:4129070	SSF x Far_LoA	-7,439	0,166	0,280
CHR14	4129073	CHR14:4129073	SSF x Far_LoA	-4,883	0,168	0,282
CHR14	4151398	CHR14:4151398	SSF x Far_LoA	-7,337	-0,105	0,282
CHR14	4151495	CHR14:4151495	SSF x Far_LoA	-7,720	-0,050	0,280
CHR14	4151588	CHR14:4151588	SSF x Far_LoA	-8,348	0,083	0,298
CHR14	4160131	CHR14:4160131	SSF x Far_LoA	-9,870	0,085	0,282
CHR14	4160344	CHR14:4160344	SSF x Far_LoA	-9,974	-0,084	0,297
CHR14	4160373	CHR14:4160373	SSF x Far_LoA	-5,931	-0,208	0,284
CHR14	4160402	CHR14:4160402	SSF x Far_LoA	-9,688	-0,046	0,280
CHR14	4160408	CHR14:4160408	SSF x Far_LoA	-7,593	0,109	0,295
CHR14	4160418	CHR14:4160418	SSF x Far_LoA	-8,021	0,056	0,302
CHR14	4171914	CHR14:4171914	SSF x Far_LoA	-10,407	0,068	0,283
CHR14	4171924	CHR14:4171924	SSF x Far_LoA	-10,321	0,007	0,289
CHR14	4196901	CHR14:4196901	SSF x Far_LoA	-9,321	-0,098	0,296
CHR14	4196903	CHR14:4196903	SSF x Far_LoA	-10,191	0,012	0,311
CHR14	4196917	CHR14:4196917	SSF x Far_LoA	-7,586	-0,140	0,291
CHR14	4196927	CHR14:4196927	SSF x Far_LoA	-6,782	-0,102	0,300
CHR14	4196978	CHR14:4196978	SSF x Far_LoA	-11,483	0,010	0,301
CHR14	4196989	CHR14:4196989	SSF x Far_LoA	-10,697	-0,033	0,289
CHR14	4197022	CHR14:4197022	SSF x Far_LoA	-8,128	0,062	0,289
CHR14	4197049	CHR14:4197049	SSF x Far_LoA	-7,112	-0,096	0,292
CHR14	4214549	CHR14:4214549	SSF x Far_LoA	-8,687	0,033	0,286
CHR14	4214699	CHR14:4214699	SSF x Far_LoA	-7,741	0,077	0,307

CHR14	4214792	CHR14:4214792	SSF x Far_LoA	-10,424	0,023	0,290
CHR14	4216717	CHR14:4216717	SSF x Far_LoA	-9,437	0,081	0,293
CHR14	4216730	CHR14:4216730	SSF x Far_LoA	-9,598	0,022	0,291
CHR14	4216749	CHR14:4216749	SSF x Far_LoA	-10,869	0,066	0,293
CHR14	4216757	CHR14:4216757	SSF x Far_LoA	-9,453	0,086	0,293
CHR14	4216767	CHR14:4216767	SSF x Far_LoA	-11,020	0,043	0,291
CHR14	4216769	CHR14:4216769	SSF x Far_LoA	-10,914	0,038	0,300
CHR14	4222436	CHR14:4222436	SSF x Far_LoA	-11,577	-0,020	0,282
CHR14	4222458	CHR14:4222458	SSF x Far_LoA	-9,077	-0,008	0,293
CHR14	4222507	CHR14:4222507	SSF x Far_LoA	-9,521	0,016	0,287
CHR14	4222522	CHR14:4222522	SSF x Far_LoA	-7,082	-0,004	0,299
CHR14	4227916	CHR14:4227916	SSF x Far_LoA	-10,738	0,036	0,299
CHR14	4228073	CHR14:4228073	SSF x Far_LoA	-8,994	0,037	0,294
CHR14	4228158	CHR14:4228158	SSF x Far_LoA	-6,677	-0,079	0,284
CHR14	4244855	CHR14:4244855	SSF x Far_LoA	-7,470	-0,123	0,294
CHR14	4259151	CHR14:4259151	SSF x Far_LoA	-6,914	0,082	0,272
CHR14	4300735	CHR14:4300735	SSF x Far_LoA	-9,138	0,013	0,298
CHR14	4323780	CHR14:4323780	SSF x Far_LoA	-8,591	0,063	0,288
CHR14	4323847	CHR14:4323847	SSF x Far_LoA	-10,661	0,024	0,293
CHR14	4332480	CHR14:4332480	SSF x Far_LoA	-10,533	-0,076	0,296
CHR14	4332491	CHR14:4332491	SSF x Far_LoA	-9,698	-0,130	0,288
CHR14	4332642	CHR14:4332642	SSF x Far_LoA	-12,246	0,004	0,295
CHR14	4332860	CHR14:4332860	SSF x Far_LoA	-10,721	-0,079	0,288
CHR14	4361906	CHR14:4361906	SSF x Far_LoA	-9,326	0,004	0,280
CHR14	4361913	CHR14:4361913	SSF x Far_LoA	-8,163	0,032	0,288
CHR14	4361931	CHR14:4361931	SSF x Far_LoA	-8,848	-0,011	0,283
CHR14	4380471	CHR14:4380471	SSF x Far_LoA	-10,070	-0,039	0,295
CHR14	4387587	CHR14:4387587	SSF x Far_LoA	-11,052	-0,077	0,283
CHR14	4414496	CHR14:4414496	SSF x Far_LoA	-7,544	-0,111	0,284
CHR14	4414610	CHR14:4414610	SSF x Far_LoA	-9,242	0,048	0,296
CHR14	4440657	CHR14:4440657	SSF x Far_LoA	-8,877	-0,030	0,296
CHR14	4440658	CHR14:4440658	SSF x Far_LoA	-9,436	-0,036	0,284
CHR14	4440696	CHR14:4440696	SSF x Far_LoA	-8,436	-0,014	0,280
CHR14	4440754	CHR14:4440754	SSF x Far_LoA	-9,355	-0,027	0,285
CHR14	4446958	CHR14:4446958	SSF x Far_LoA	-7,925	-0,151	0,294
CHR14	4452656	CHR14:4452656	SSF x Far_LoA	-8,847	0,050	0,291
CHR14	4452797	CHR14:4452797	SSF x Far_LoA	-8,710	0,083	0,299
CHR14	4452900	CHR14:4452900	SSF x Far_LoA	-6,967	0,027	0,293
CHR14	4463338	CHR14:4463338	SSF x Far_LoA	-9,943	-0,039	0,300
CHR14	4464580	CHR14:4464580	SSF x Far_LoA	-7,347	0,012	0,283
CHR14	4464593	CHR14:4464593	SSF x Far_LoA	-7,390	0,035	0,297
CHR14	4467219	CHR14:4467219	SSF x Far_LoA	-4,123	-0,178	0,301
CHR14	4467314	CHR14:4467314	SSF x Far_LoA	-8,259	-0,135	0,277
CHR14	4467364	CHR14:4467364	SSF x Far_LoA	-0,901	-0,051	0,291
CHR14	4481268	CHR14:4481268	SSF x Far_LoA	-9,535	-0,020	0,280
CHR14	4482755	CHR14:4482755	SSF x Far_LoA	-10,355	0,113	0,283
CHR14	4488659	CHR14:4488659	SSF x Far_LoA	-9,505	0,019	0,290
CHR14	4488886	CHR14:4488886	SSF x Far_LoA	-10,206	0,097	0,281
CHR14	4488942	CHR14:4488942	SSF x Far_LoA	-11,292	-0,021	0,289
CHR14	4495391	CHR14:4495391	SSF x Far_LoA	-8,875	0,073	0,297
CHR14	4495490	CHR14:4495490	SSF x Far_LoA	-7,849	0,147	0,300
CHR14	4507294	CHR14:4507294	SSF x Far_LoA	-10,446	-0,051	0,292
CHR14	4507353	CHR14:4507353	SSF x Far_LoA	-7,191	-0,094	0,290

CHR14	4523322	CHR14:4523322	SSF x Far_LoA	-11,900	-0,065	0,292
CHR14	4524597	CHR14:4524597	SSF x Far_LoA	-10,151	0,025	0,286
CHR14	4540969	CHR14:4540969	SSF x Far_LoA	-8,309	0,100	0,286
CHR14	4543358	CHR14:4543358	SSF x Far_LoA	-10,087	0,059	0,301
CHR14	4543494	CHR14:4543494	SSF x Far_LoA	-7,065	-0,181	0,283
CHR14	4569789	CHR14:4569789	SSF x Far_LoA	-9,174	-0,049	0,285
CHR14	4571756	CHR14:4571756	SSF x Far_LoA	-9,836	-0,052	0,295
CHR14	4571781	CHR14:4571781	SSF x Far_LoA	-9,315	0,091	0,289
CHR14	4571823	CHR14:4571823	SSF x Far_LoA	-8,598	-0,096	0,290
CHR14	4571824	CHR14:4571824	SSF x Far_LoA	-9,105	0,059	0,286
CHR14	4571905	CHR14:4571905	SSF x Far_LoA	-9,874	-0,014	0,298
CHR14	4595885	CHR14:4595885	SSF x Far_LoA	-8,120	0,078	0,297
CHR14	4595913	CHR14:4595913	SSF x Far_LoA	-11,593	-0,053	0,295
CHR14	4596093	CHR14:4596093	SSF x Far_LoA	-11,230	-0,025	0,303
CHR14	4596113	CHR14:4596113	SSF x Far_LoA	-6,950	-0,091	0,284
CHR14	4596157	CHR14:4596157	SSF x Far_LoA	-10,551	0,056	0,305
CHR14	461064	CHR14:461064	SSF x Far_LoA	-10,556	-0,024	0,289
CHR14	4625095	CHR14:4625095	SSF x Far_LoA	-10,228	0,093	0,290
CHR14	4625305	CHR14:4625305	SSF x Far_LoA	-10,647	0,002	0,300
CHR14	4635006	CHR14:4635006	SSF x Far_LoA	-6,928	0,134	0,290
CHR14	4635171	CHR14:4635171	SSF x Far_LoA	-10,781	-0,009	0,294
CHR14	4635172	CHR14:4635172	SSF x Far_LoA	-11,248	0,003	0,285
CHR14	4635230	CHR14:4635230	SSF x Far_LoA	-8,417	-0,008	0,303
CHR14	4635294	CHR14:4635294	SSF x Far_LoA	-10,545	-0,013	0,300
CHR14	4635406	CHR14:4635406	SSF x Far_LoA	-2,606	-0,093	0,284
CHR14	4644443	CHR14:4644443	SSF x Far_LoA	-8,365	0,066	0,302
CHR14	4645581	CHR14:4645581	SSF x Far_LoA	-11,058	0,003	0,291
CHR14	4656204	CHR14:4656204	SSF x Far_LoA	-9,759	0,118	0,284
CHR14	4656209	CHR14:4656209	SSF x Far_LoA	-11,157	0,087	0,287
CHR14	4656272	CHR14:4656272	SSF x Far_LoA	-10,812	-0,071	0,293
CHR14	4656362	CHR14:4656362	SSF x Far_LoA	-6,962	0,066	0,297
CHR14	4656365	CHR14:4656365	SSF x Far_LoA	-10,639	-0,125	0,297
CHR14	4672644	CHR14:4672644	SSF x Far_LoA	-11,100	0,043	0,293
CHR14	4672684	CHR14:4672684	SSF x Far_LoA	-10,832	0,106	0,272
CHR14	4673921	CHR14:4673921	SSF x Far_LoA	-9,676	0,029	0,289
CHR14	4674805	CHR14:4674805	SSF x Far_LoA	-3,173	-0,007	0,294
CHR14	4674868	CHR14:4674868	SSF x Far_LoA	-10,529	0,115	0,287
CHR14	4674904	CHR14:4674904	SSF x Far_LoA	-11,282	-0,083	0,292
CHR14	4707096	CHR14:4707096	SSF x Far_LoA	-4,299	-0,073	0,301
CHR14	4708614	CHR14:4708614	SSF x Far_LoA	-12,335	0,027	0,291
CHR14	4708739	CHR14:4708739	SSF x Far_LoA	-9,960	0,003	0,296
CHR14	4708776	CHR14:4708776	SSF x Far_LoA	-7,188	0,050	0,299
CHR14	4726411	CHR14:4726411	SSF x Far_LoA	-6,625	-0,138	0,277
CHR14	4726460	CHR14:4726460	SSF x Far_LoA	-10,082	-0,016	0,290
CHR14	4726473	CHR14:4726473	SSF x Far_LoA	-9,080	-0,131	0,282
CHR14	4726533	CHR14:4726533	SSF x Far_LoA	-10,964	-0,086	0,294
CHR14	4726573	CHR14:4726573	SSF x Far_LoA	-9,760	-0,099	0,285
CHR14	4726600	CHR14:4726600	SSF x Far_LoA	-8,363	0,090	0,292
CHR14	4726620	CHR14:4726620	SSF x Far_LoA	-11,180	-0,046	0,295
CHR14	4726652	CHR14:4726652	SSF x Far_LoA	-8,827	-0,005	0,300
CHR14	4726685	CHR14:4726685	SSF x Far_LoA	-8,659	0,079	0,288
CHR14	4726738	CHR14:4726738	SSF x Far_LoA	-10,361	0,094	0,291
CHR14	4740724	CHR14:4740724	SSF x Far_LoA	-10,025	0,032	0,288

CHR14	4755019	CHR14:4755019	SSF x Far_LoA	-8,535	0,029	0,300
CHR14	4755111	CHR14:4755111	SSF x Far_LoA	-6,791	0,123	0,276
CHR14	4755112	CHR14:4755112	SSF x Far_LoA	-9,541	-0,088	0,292
CHR14	4755121	CHR14:4755121	SSF x Far_LoA	-10,789	-0,055	0,285
CHR14	4755141	CHR14:4755141	SSF x Far_LoA	-8,697	0,120	0,280
CHR14	4755495	CHR14:4755495	SSF x Far_LoA	-8,028	0,025	0,300
CHR14	4755533	CHR14:4755533	SSF x Far_LoA	-9,883	0,024	0,296
CHR14	475554	CHR14:475554	SSF x Far_LoA	-8,750	0,061	0,294
CHR14	4755543	CHR14:4755543	SSF x Far_LoA	-10,789	0,038	0,291
CHR14	4759055	CHR14:4759055	SSF x Far_LoA	-9,067	-0,068	0,288
CHR14	4759129	CHR14:4759129	SSF x Far_LoA	-8,994	-0,020	0,286
CHR14	4785585	CHR14:4785585	SSF x Far_LoA	-11,432	0,012	0,301
CHR14	4790766	CHR14:4790766	SSF x Far_LoA	-9,240	0,003	0,293
CHR14	4801419	CHR14:4801419	SSF x Far_LoA	-9,613	0,029	0,276
CHR14	4801511	CHR14:4801511	SSF x Far_LoA	-6,449	-0,033	0,305
CHR14	4801518	CHR14:4801518	SSF x Far_LoA	-10,503	0,028	0,297
CHR14	4801548	CHR14:4801548	SSF x Far_LoA	-10,358	-0,017	0,289
CHR14	4815308	CHR14:4815308	SSF x Far_LoA	-10,294	-0,021	0,277
CHR14	4815410	CHR14:4815410	SSF x Far_LoA	-9,920	0,001	0,279
CHR14	4815439	CHR14:4815439	SSF x Far_LoA	-8,093	0,110	0,292
CHR14	4815502	CHR14:4815502	SSF x Far_LoA	-5,858	-0,131	0,272
CHR14	4830527	CHR14:4830527	SSF x Far_LoA	-10,520	-0,015	0,288
CHR14	4830628	CHR14:4830628	SSF x Far_LoA	-6,725	-0,161	0,289
CHR14	4830661	CHR14:4830661	SSF x Far_LoA	-9,642	0,006	0,295
CHR14	4830671	CHR14:4830671	SSF x Far_LoA	-9,272	0,077	0,282
CHR14	4830767	CHR14:4830767	SSF x Far_LoA	-9,043	-0,016	0,299
CHR14	4830771	CHR14:4830771	SSF x Far_LoA	-8,316	0,101	0,282
CHR14	4832234	CHR14:4832234	SSF x Far_LoA	-11,471	0,004	0,296
CHR14	4844309	CHR14:4844309	SSF x Far_LoA	-10,829	0,062	0,286
CHR14	4844313	CHR14:4844313	SSF x Far_LoA	-10,348	0,022	0,280
CHR14	4844323	CHR14:4844323	SSF x Far_LoA	-10,688	0,012	0,282
CHR14	4844351	CHR14:4844351	SSF x Far_LoA	-8,816	0,001	0,293
CHR14	4844399	CHR14:4844399	SSF x Far_LoA	-9,981	0,158	0,292
CHR14	4849522	CHR14:4849522	SSF x Far_LoA	-9,104	-0,016	0,305
CHR14	4849551	CHR14:4849551	SSF x Far_LoA	-10,597	0,046	0,286
CHR14	4849607	CHR14:4849607	SSF x Far_LoA	-11,273	0,014	0,301
CHR14	4849610	CHR14:4849610	SSF x Far_LoA	-8,428	0,061	0,286
CHR14	4864832	CHR14:4864832	SSF x Far_LoA	-5,249	-0,051	0,293
CHR14	4864869	CHR14:4864869	SSF x Far_LoA	-8,650	-0,022	0,287
CHR14	4864870	CHR14:4864870	SSF x Far_LoA	-12,194	-0,022	0,283
CHR14	4865254	CHR14:4865254	SSF x Far_LoA	-10,675	-0,105	0,287
CHR14	487145	CHR14:487145	SSF x Far_LoA	-8,990	-0,027	0,312
CHR14	4875420	CHR14:4875420	SSF x Far_LoA	-6,440	0,022	0,301
CHR14	4875445	CHR14:4875445	SSF x Far_LoA	-10,496	0,091	0,299
CHR14	4875447	CHR14:4875447	SSF x Far_LoA	-9,420	0,025	0,304
CHR14	4875499	CHR14:4875499	SSF x Far_LoA	-9,918	0,083	0,283
CHR14	4875521	CHR14:4875521	SSF x Far_LoA	-9,205	0,090	0,304
CHR14	4875567	CHR14:4875567	SSF x Far_LoA	-7,432	-0,078	0,283
CHR14	4875617	CHR14:4875617	SSF x Far_LoA	-11,506	0,071	0,284
CHR14	4875638	CHR14:4875638	SSF x Far_LoA	-10,448	-0,101	0,286
CHR14	4875641	CHR14:4875641	SSF x Far_LoA	-11,963	-0,001	0,289
CHR14	4883723	CHR14:4883723	SSF x Far_LoA	-9,454	0,095	0,295
CHR14	4883870	CHR14:4883870	SSF x Far_LoA	-10,758	0,059	0,298

CHR14	4883966	CHR14:4883966	SSF x Far_LoA	-9,513	0,010	0,292
CHR14	4883981	CHR14:4883981	SSF x Far_LoA	-10,972	0,001	0,309
CHR14	4888359	CHR14:4888359	SSF x Far_LoA	-6,479	0,132	0,281
CHR14	4888373	CHR14:4888373	SSF x Far_LoA	-8,315	0,131	0,290
CHR14	4888380	CHR14:4888380	SSF x Far_LoA	-8,090	0,132	0,297
CHR14	4888509	CHR14:4888509	SSF x Far_LoA	-10,768	0,042	0,295
CHR14	4888564	CHR14:4888564	SSF x Far_LoA	-7,468	0,107	0,297
CHR14	490506	CHR14:490506	SSF x Far_LoA	-9,670	-0,143	0,274
CHR14	490577	CHR14:490577	SSF x Far_LoA	-8,414	-0,073	0,280
CHR14	490666	CHR14:490666	SSF x Far_LoA	-6,797	-0,109	0,296
CHR14	490667	CHR14:490667	SSF x Far_LoA	-11,537	-0,053	0,289
CHR14	490671	CHR14:490671	SSF x Far_LoA	-3,451	-0,129	0,283
CHR14	490735	CHR14:490735	SSF x Far_LoA	-9,266	-0,120	0,287
CHR14	490767	CHR14:490767	SSF x Far_LoA	-2,919	-0,130	0,298
CHR14	490818	CHR14:490818	SSF x Far_LoA	-7,644	-0,120	0,300
CHR14	490861	CHR14:490861	SSF x Far_LoA	-8,549	-0,115	0,288
CHR14	4950621	CHR14:4950621	SSF x Far_LoA	-10,208	-0,112	0,290
CHR14	4950780	CHR14:4950780	SSF x Far_LoA	-11,528	0,102	0,290
CHR14	4950796	CHR14:4950796	SSF x Far_LoA	-9,881	0,014	0,287
CHR14	4953134	CHR14:4953134	SSF x Far_LoA	-9,046	0,127	0,291
CHR14	4953188	CHR14:4953188	SSF x Far_LoA	-7,669	-0,117	0,278
CHR14	4953192	CHR14:4953192	SSF x Far_LoA	-8,709	-0,142	0,276
CHR14	4953208	CHR14:4953208	SSF x Far_LoA	-11,058	0,106	0,289
CHR14	4956809	CHR14:4956809	SSF x Far_LoA	-10,470	0,033	0,288
CHR14	4956821	CHR14:4956821	SSF x Far_LoA	-8,258	-0,014	0,299
CHR14	4957958	CHR14:4957958	SSF x Far_LoA	-9,786	0,042	0,282
CHR14	4969754	CHR14:4969754	SSF x Far_LoA	-9,586	0,069	0,265
CHR14	4969760	CHR14:4969760	SSF x Far_LoA	-10,232	-0,036	0,285
CHR14	4969829	CHR14:4969829	SSF x Far_LoA	-8,615	-0,060	0,304
CHR14	4969833	CHR14:4969833	SSF x Far_LoA	-8,850	-0,032	0,300
CHR14	4971946	CHR14:4971946	SSF x Far_LoA	-8,052	-0,012	0,290
CHR14	5000070	CHR14:5000070	SSF x Far_LoA	-8,572	0,002	0,282
CHR14	5000152	CHR14:5000152	SSF x Far_LoA	-6,272	0,092	0,301
CHR14	5000169	CHR14:5000169	SSF x Far_LoA	-7,687	0,046	0,281
CHR14	5000249	CHR14:5000249	SSF x Far_LoA	-10,125	0,016	0,301
CHR14	5000273	CHR14:5000273	SSF x Far_LoA	-10,442	-0,073	0,291
CHR14	5000279	CHR14:5000279	SSF x Far_LoA	-9,529	-0,078	0,270
CHR14	5004371	CHR14:5004371	SSF x Far_LoA	-10,832	-0,041	0,282
CHR14	5004372	CHR14:5004372	SSF x Far_LoA	-5,345	0,028	0,298
CHR14	5004476	CHR14:5004476	SSF x Far_LoA	-9,005	0,015	0,296
CHR14	5004477	CHR14:5004477	SSF x Far_LoA	-9,396	0,009	0,291
CHR14	5004539	CHR14:5004539	SSF x Far_LoA	-9,459	0,094	0,299
CHR14	5004552	CHR14:5004552	SSF x Far_LoA	-5,818	0,123	0,295
CHR14	5004572	CHR14:5004572	SSF x Far_LoA	-11,717	0,083	0,288
CHR14	5028989	CHR14:5028989	SSF x Far_LoA	-9,129	0,138	0,285
CHR14	5029011	CHR14:5029011	SSF x Far_LoA	-7,379	-0,151	0,293
CHR14	5030411	CHR14:5030411	SSF x Far_LoA	-11,209	0,096	0,278
CHR14	503157	CHR14:503157	SSF x Far_LoA	-7,693	-0,046	0,302
CHR14	5033324	CHR14:5033324	SSF x Far_LoA	-8,446	-0,141	0,287
CHR14	5033408	CHR14:5033408	SSF x Far_LoA	-9,922	0,041	0,286
CHR14	5033576	CHR14:5033576	SSF x Far_LoA	-8,034	-0,046	0,288
CHR14	5033589	CHR14:5033589	SSF x Far_LoA	-8,156	-0,189	0,283
CHR14	5033599	CHR14:5033599	SSF x Far_LoA	-9,454	-0,023	0,293

CHR14	5035248	CHR14:5035248	SSF x Far_LoA	-11,909	0,025	0,295
CHR14	5035407	CHR14:5035407	SSF x Far_LoA	-8,014	0,170	0,283
CHR14	5035428	CHR14:5035428	SSF x Far_LoA	-9,410	0,169	0,278
CHR14	5044070	CHR14:5044070	SSF x Far_LoA	-8,708	0,045	0,297
CHR14	5044150	CHR14:5044150	SSF x Far_LoA	-8,678	-0,005	0,300
CHR14	5044203	CHR14:5044203	SSF x Far_LoA	-6,357	0,094	0,295
CHR14	5044225	CHR14:5044225	SSF x Far_LoA	-8,627	0,039	0,294
CHR14	5044249	CHR14:5044249	SSF x Far_LoA	-7,955	-0,031	0,287
CHR14	5044254	CHR14:5044254	SSF x Far_LoA	-10,114	0,026	0,306
CHR14	5051369	CHR14:5051369	SSF x Far_LoA	-9,164	-0,021	0,283
CHR14	5063694	CHR14:5063694	SSF x Far_LoA	-11,411	-0,071	0,294
CHR14	5063702	CHR14:5063702	SSF x Far_LoA	-10,304	0,133	0,272
CHR14	5063708	CHR14:5063708	SSF x Far_LoA	-9,910	-0,015	0,288
CHR14	5063810	CHR14:5063810	SSF x Far_LoA	-10,223	0,048	0,289
CHR14	5063822	CHR14:5063822	SSF x Far_LoA	-8,718	0,055	0,284
CHR14	5064149	CHR14:5064149	SSF x Far_LoA	-5,981	0,078	0,300
CHR14	5076456	CHR14:5076456	SSF x Far_LoA	-7,049	-0,051	0,293
CHR14	5076635	CHR14:5076635	SSF x Far_LoA	-10,161	-0,062	0,277
CHR14	5076735	CHR14:5076735	SSF x Far_LoA	-9,712	-0,081	0,287
CHR14	5079154	CHR14:5079154	SSF x Far_LoA	-5,769	-0,131	0,272
CHR14	5079168	CHR14:5079168	SSF x Far_LoA	-7,492	-0,122	0,276
CHR14	5079253	CHR14:5079253	SSF x Far_LoA	-7,252	-0,162	0,265
CHR14	5104036	CHR14:5104036	SSF x Far_LoA	-9,216	0,027	0,292
CHR14	5109577	CHR14:5109577	SSF x Far_LoA	-8,734	0,056	0,268
CHR14	5109580	CHR14:5109580	SSF x Far_LoA	-8,520	0,052	0,275
CHR14	5109966	CHR14:5109966	SSF x Far_LoA	-9,482	0,001	0,293
CHR14	5109994	CHR14:5109994	SSF x Far_LoA	-7,576	0,008	0,299
CHR14	5119884	CHR14:5119884	SSF x Far_LoA	-7,210	0,006	0,288
CHR14	5119950	CHR14:5119950	SSF x Far_LoA	-7,603	0,000	0,292
CHR14	5120022	CHR14:5120022	SSF x Far_LoA	-9,566	-0,119	0,301
CHR14	5120038	CHR14:5120038	SSF x Far_LoA	-8,279	-0,104	0,288
CHR14	5138853	CHR14:5138853	SSF x Far_LoA	-10,263	0,062	0,292
CHR14	5143422	CHR14:5143422	SSF x Far_LoA	-7,286	-0,135	0,299
CHR14	5144802	CHR14:5144802	SSF x Far_LoA	-6,915	0,071	0,287
CHR14	5168702	CHR14:5168702	SSF x Far_LoA	-6,803	-0,121	0,290
CHR14	5168772	CHR14:5168772	SSF x Far_LoA	-9,714	0,128	0,281
CHR14	5168779	CHR14:5168779	SSF x Far_LoA	-9,045	-0,029	0,286
CHR14	5168837	CHR14:5168837	SSF x Far_LoA	-7,404	-0,144	0,286
CHR14	5168842	CHR14:5168842	SSF x Far_LoA	-11,258	0,027	0,289
CHR14	5207117	CHR14:5207117	SSF x Far_LoA	-11,788	-0,008	0,288
CHR14	5207394	CHR14:5207394	SSF x Far_LoA	-5,557	0,048	0,304
CHR14	5209916	CHR14:5209916	SSF x Far_LoA	-9,084	-0,131	0,300
CHR14	5209963	CHR14:5209963	SSF x Far_LoA	-10,015	-0,152	0,280
CHR14	5209966	CHR14:5209966	SSF x Far_LoA	-9,461	0,065	0,275
CHR14	5220235	CHR14:5220235	SSF x Far_LoA	-7,324	0,105	0,289
CHR14	5220307	CHR14:5220307	SSF x Far_LoA	-10,446	0,090	0,281
CHR14	5220564	CHR14:5220564	SSF x Far_LoA	-9,188	0,021	0,278
CHR14	5220574	CHR14:5220574	SSF x Far_LoA	-8,649	-0,028	0,286
CHR14	5226975	CHR14:5226975	SSF x Far_LoA	-9,911	0,111	0,278
CHR14	5234027	CHR14:5234027	SSF x Far_LoA	-10,481	0,039	0,295
CHR14	5248912	CHR14:5248912	SSF x Far_LoA	-10,282	-0,073	0,264
CHR14	5256693	CHR14:5256693	SSF x Far_LoA	-10,170	-0,088	0,292
CHR14	5257472	CHR14:5257472	SSF x Far_LoA	-9,697	0,024	0,291

CHR14	5257566	CHR14:5257566	SSF x Far_LoA	-8,638	-0,044	0,304
CHR14	5259407	CHR14:5259407	SSF x Far_LoA	-9,081	-0,070	0,287
CHR14	5262473	CHR14:5262473	SSF x Far_LoA	-7,193	-0,062	0,278
CHR14	5263708	CHR14:5263708	SSF x Far_LoA	-8,604	-0,041	0,281
CHR14	5263879	CHR14:5263879	SSF x Far_LoA	-7,795	-0,117	0,292
CHR14	5266385	CHR14:5266385	SSF x Far_LoA	-7,632	0,006	0,288
CHR14	5268297	CHR14:5268297	SSF x Far_LoA	-3,560	0,137	0,290
CHR14	5269629	CHR14:5269629	SSF x Far_LoA	-9,592	-0,003	0,288
CHR14	5269632	CHR14:5269632	SSF x Far_LoA	-9,651	-0,013	0,289
CHR14	5269652	CHR14:5269652	SSF x Far_LoA	-7,769	-0,143	0,280
CHR14	5269660	CHR14:5269660	SSF x Far_LoA	-7,301	-0,126	0,300
CHR14	5286661	CHR14:5286661	SSF x Far_LoA	-9,920	0,041	0,293
CHR14	5286761	CHR14:5286761	SSF x Far_LoA	-8,388	-0,087	0,297
CHR14	5286837	CHR14:5286837	SSF x Far_LoA	-7,362	0,088	0,299
CHR14	5289736	CHR14:5289736	SSF x Far_LoA	-6,426	-0,131	0,288
CHR14	5290002	CHR14:5290002	SSF x Far_LoA	-9,244	0,013	0,291
CHR14	5290008	CHR14:5290008	SSF x Far_LoA	-10,063	0,047	0,312
CHR14	5292267	CHR14:5292267	SSF x Far_LoA	-9,265	0,097	0,285
CHR14	5295015	CHR14:5295015	SSF x Far_LoA	-9,013	0,069	0,271
CHR14	5295089	CHR14:5295089	SSF x Far_LoA	-1,461	0,014	0,300
CHR14	5295154	CHR14:5295154	SSF x Far_LoA	-11,359	0,022	0,276
CHR14	5301708	CHR14:5301708	SSF x Far_LoA	-7,388	-0,043	0,302
CHR14	5301744	CHR14:5301744	SSF x Far_LoA	-8,915	-0,048	0,302
CHR14	5301847	CHR14:5301847	SSF x Far_LoA	-4,773	-0,071	0,289
CHR14	5306402	CHR14:5306402	SSF x Far_LoA	-8,874	0,131	0,290
CHR14	5306405	CHR14:5306405	SSF x Far_LoA	-9,613	-0,035	0,296
CHR14	5306570	CHR14:5306570	SSF x Far_LoA	-10,223	-0,053	0,294
CHR14	5306581	CHR14:5306581	SSF x Far_LoA	-8,658	-0,095	0,282
CHR14	5311190	CHR14:5311190	SSF x Far_LoA	-7,114	-0,047	0,300
CHR14	5311245	CHR14:5311245	SSF x Far_LoA	-8,418	-0,050	0,310
CHR14	5311247	CHR14:5311247	SSF x Far_LoA	-10,066	-0,033	0,291
CHR14	5311273	CHR14:5311273	SSF x Far_LoA	-7,766	-0,007	0,299
CHR14	5311280	CHR14:5311280	SSF x Far_LoA	-10,181	0,020	0,300
CHR14	5311339	CHR14:5311339	SSF x Far_LoA	-9,494	0,034	0,288
CHR14	5311388	CHR14:5311388	SSF x Far_LoA	-9,826	-0,164	0,277
CHR14	5311461	CHR14:5311461	SSF x Far_LoA	-7,917	0,119	0,309
CHR14	5313580	CHR14:5313580	SSF x Far_LoA	-9,490	-0,048	0,287
CHR14	5323799	CHR14:5323799	SSF x Far_LoA	-8,226	-0,064	0,296
CHR14	5323873	CHR14:5323873	SSF x Far_LoA	-10,943	0,065	0,292
CHR14	5323958	CHR14:5323958	SSF x Far_LoA	-7,591	-0,059	0,305
CHR14	5323993	CHR14:5323993	SSF x Far_LoA	-7,842	0,000	0,306
CHR14	5324024	CHR14:5324024	SSF x Far_LoA	-10,022	0,094	0,287
CHR14	5332330	CHR14:5332330	SSF x Far_LoA	1,404	0,184	0,272
CHR14	5335841	CHR14:5335841	SSF x Far_LoA	-10,874	-0,037	0,293
CHR14	5335878	CHR14:5335878	SSF x Far_LoA	-9,115	-0,002	0,292
CHR14	5335924	CHR14:5335924	SSF x Far_LoA	-4,721	0,161	0,289
CHR14	5336015	CHR14:5336015	SSF x Far_LoA	-11,003	0,025	0,293
CHR14	5344077	CHR14:5344077	SSF x Far_LoA	-5,373	0,109	0,274
CHR14	5344104	CHR14:5344104	SSF x Far_LoA	-7,934	0,136	0,284
CHR14	5350864	CHR14:5350864	SSF x Far_LoA	-8,716	0,100	0,302
CHR14	5350866	CHR14:5350866	SSF x Far_LoA	-9,647	0,078	0,298
CHR14	5350872	CHR14:5350872	SSF x Far_LoA	-7,771	-0,099	0,281
CHR14	5350892	CHR14:5350892	SSF x Far_LoA	-7,361	0,125	0,291

CHR14	5350920	CHR14:5350920	SSF x Far_LoA	-7,535	-0,009	0,291
CHR14	5350947	CHR14:5350947	SSF x Far_LoA	-9,668	-0,089	0,277
CHR14	5431703	CHR14:5431703	SSF x Far_LoA	-11,590	0,013	0,289
CHR14	5454896	CHR14:5454896	SSF x Far_LoA	-10,514	-0,075	0,299
CHR14	5467878	CHR14:5467878	SSF x Far_LoA	-10,712	-0,026	0,294
CHR14	5506441	CHR14:5506441	SSF x Far_LoA	-4,787	0,157	0,289
CHR14	5506448	CHR14:5506448	SSF x Far_LoA	-12,051	0,021	0,292
CHR14	5508960	CHR14:5508960	SSF x Far_LoA	-8,582	-0,028	0,292
CHR14	5508987	CHR14:5508987	SSF x Far_LoA	-6,895	0,112	0,275
CHR14	5509076	CHR14:5509076	SSF x Far_LoA	-9,724	0,066	0,301
CHR14	5509079	CHR14:5509079	SSF x Far_LoA	-11,145	0,020	0,294
CHR14	5509117	CHR14:5509117	SSF x Far_LoA	-9,016	0,056	0,293
CHR14	5533015	CHR14:5533015	SSF x Far_LoA	-7,462	0,028	0,301
CHR14	5533092	CHR14:5533092	SSF x Far_LoA	-10,557	0,054	0,298
CHR14	5536468	CHR14:5536468	SSF x Far_LoA	-5,694	-0,090	0,284
CHR14	5536517	CHR14:5536517	SSF x Far_LoA	-10,865	-0,001	0,287
CHR14	5536521	CHR14:5536521	SSF x Far_LoA	-8,821	-0,048	0,300
CHR14	5540909	CHR14:5540909	SSF x Far_LoA	-9,132	0,087	0,277
CHR14	554318	CHR14:554318	SSF x Far_LoA	-11,584	0,075	0,288
CHR14	5548730	CHR14:5548730	SSF x Far_LoA	-9,450	-0,003	0,288
CHR14	5548837	CHR14:5548837	SSF x Far_LoA	-9,552	0,041	0,292
CHR14	5548850	CHR14:5548850	SSF x Far_LoA	-12,073	-0,044	0,297
CHR14	5552713	CHR14:5552713	SSF x Far_LoA	-11,185	0,045	0,298
CHR14	5552798	CHR14:5552798	SSF x Far_LoA	0,135	0,052	0,303
CHR14	5552829	CHR14:5552829	SSF x Far_LoA	-11,782	-0,013	0,279
CHR14	5552883	CHR14:5552883	SSF x Far_LoA	-10,549	-0,054	0,302
CHR14	5552913	CHR14:5552913	SSF x Far_LoA	-10,749	-0,079	0,292
CHR14	5553006	CHR14:5553006	SSF x Far_LoA	-11,403	-0,015	0,285
CHR14	5553121	CHR14:5553121	SSF x Far_LoA	-6,163	-0,050	0,299
CHR14	5598243	CHR14:5598243	SSF x Far_LoA	-8,503	-0,008	0,293
CHR14	5602380	CHR14:5602380	SSF x Far_LoA	-6,013	0,145	0,294
CHR14	5602415	CHR14:5602415	SSF x Far_LoA	-9,746	-0,003	0,295
CHR14	5602489	CHR14:5602489	SSF x Far_LoA	-8,278	0,120	0,298
CHR14	5602609	CHR14:5602609	SSF x Far_LoA	-8,954	0,129	0,282
CHR14	5607900	CHR14:5607900	SSF x Far_LoA	-9,063	0,031	0,305
CHR14	5607917	CHR14:5607917	SSF x Far_LoA	-10,780	0,004	0,304
CHR14	5608226	CHR14:5608226	SSF x Far_LoA	-8,663	0,084	0,286
CHR14	5608286	CHR14:5608286	SSF x Far_LoA	-11,130	-0,003	0,288
CHR14	5608291	CHR14:5608291	SSF x Far_LoA	-10,553	0,017	0,293
CHR14	5619446	CHR14:5619446	SSF x Far_LoA	-8,960	-0,088	0,290
CHR14	5624407	CHR14:5624407	SSF x Far_LoA	-9,737	-0,100	0,281
CHR14	5632777	CHR14:5632777	SSF x Far_LoA	-9,793	-0,010	0,292
CHR14	5651251	CHR14:5651251	SSF x Far_LoA	-9,200	0,064	0,292
CHR14	5651422	CHR14:5651422	SSF x Far_LoA	-2,482	0,044	0,298
CHR14	5664158	CHR14:5664158	SSF x Far_LoA	-8,125	0,001	0,292
CHR14	5664210	CHR14:5664210	SSF x Far_LoA	-10,154	0,013	0,297
CHR14	5666521	CHR14:5666521	SSF x Far_LoA	-4,844	-0,110	0,275
CHR14	5666557	CHR14:5666557	SSF x Far_LoA	-7,428	0,098	0,299
CHR14	5666690	CHR14:5666690	SSF x Far_LoA	-5,696	0,119	0,284
CHR14	5666782	CHR14:5666782	SSF x Far_LoA	-9,317	0,081	0,298
CHR14	5666836	CHR14:5666836	SSF x Far_LoA	-8,949	-0,107	0,301
CHR14	5673549	CHR14:5673549	SSF x Far_LoA	-9,231	0,078	0,286
CHR14	5673597	CHR14:5673597	SSF x Far_LoA	-10,595	-0,053	0,283

CHR14	5675258	CHR14:5675258	SSF x Far_LoA	-9,017	0,046	0,291
CHR14	5694598	CHR14:5694598	SSF x Far_LoA	-7,726	0,058	0,291
CHR14	5711151	CHR14:5711151	SSF x Far_LoA	-6,655	0,011	0,295
CHR14	5726671	CHR14:5726671	SSF x Far_LoA	-8,130	-0,032	0,308
CHR14	5743146	CHR14:5743146	SSF x Far_LoA	-8,860	0,010	0,298
CHR14	5743202	CHR14:5743202	SSF x Far_LoA	-10,174	-0,074	0,284
CHR14	5749714	CHR14:5749714	SSF x Far_LoA	-5,943	0,020	0,295
CHR14	5778428	CHR14:5778428	SSF x Far_LoA	-8,292	-0,100	0,309
CHR14	5778556	CHR14:5778556	SSF x Far_LoA	-10,787	-0,024	0,290
CHR14	5780787	CHR14:5780787	SSF x Far_LoA	-9,744	-0,007	0,291
CHR14	5780823	CHR14:5780823	SSF x Far_LoA	-11,800	0,031	0,292
CHR14	5781440	CHR14:5781440	SSF x Far_LoA	-10,614	-0,047	0,283
CHR14	5790161	CHR14:5790161	SSF x Far_LoA	-5,126	-0,164	0,296
CHR14	5792370	CHR14:5792370	SSF x Far_LoA	-4,405	-0,041	0,287
CHR14	5792411	CHR14:5792411	SSF x Far_LoA	-8,481	-0,035	0,292
CHR14	5792509	CHR14:5792509	SSF x Far_LoA	-11,913	-0,039	0,291
CHR14	5792578	CHR14:5792578	SSF x Far_LoA	-10,771	-0,033	0,293
CHR14	5795415	CHR14:5795415	SSF x Far_LoA	-9,834	0,040	0,288
CHR14	5796491	CHR14:5796491	SSF x Far_LoA	-5,982	-0,029	0,290
CHR14	5796537	CHR14:5796537	SSF x Far_LoA	-11,106	-0,020	0,300
CHR14	5796626	CHR14:5796626	SSF x Far_LoA	-8,933	-0,044	0,285
CHR14	5800965	CHR14:5800965	SSF x Far_LoA	-6,492	0,080	0,301
CHR14	5801094	CHR14:5801094	SSF x Far_LoA	-10,898	0,056	0,296
CHR14	580113	CHR14:580113	SSF x Far_LoA	0,122	0,140	0,286
CHR14	5801131	CHR14:5801131	SSF x Far_LoA	-10,054	-0,067	0,301
CHR14	5801185	CHR14:5801185	SSF x Far_LoA	-9,428	0,046	0,302
CHR14	5801204	CHR14:5801204	SSF x Far_LoA	-11,219	0,010	0,296
CHR14	5805679	CHR14:5805679	SSF x Far_LoA	-5,155	0,011	0,291
CHR14	5805684	CHR14:5805684	SSF x Far_LoA	-10,152	-0,049	0,286
CHR14	5805822	CHR14:5805822	SSF x Far_LoA	-9,241	-0,013	0,289
CHR14	5805843	CHR14:5805843	SSF x Far_LoA	-9,174	0,029	0,282
CHR14	5805861	CHR14:5805861	SSF x Far_LoA	-8,776	-0,011	0,309
CHR14	5805920	CHR14:5805920	SSF x Far_LoA	-9,028	-0,032	0,282
CHR14	5810951	CHR14:5810951	SSF x Far_LoA	-8,902	0,006	0,301
CHR14	5811042	CHR14:5811042	SSF x Far_LoA	-11,374	0,042	0,294
CHR14	5811220	CHR14:5811220	SSF x Far_LoA	-7,844	0,052	0,311
CHR14	5816317	CHR14:5816317	SSF x Far_LoA	-7,892	0,053	0,278
CHR14	5816329	CHR14:5816329	SSF x Far_LoA	-8,457	0,086	0,299
CHR14	5822988	CHR14:5822988	SSF x Far_LoA	-12,641	-0,022	0,285
CHR14	5829973	CHR14:5829973	SSF x Far_LoA	-11,809	-0,017	0,291
CHR14	5829981	CHR14:5829981	SSF x Far_LoA	-9,273	0,026	0,290
CHR14	5829988	CHR14:5829988	SSF x Far_LoA	-10,074	-0,032	0,288
CHR14	5829990	CHR14:5829990	SSF x Far_LoA	-9,418	-0,002	0,288
CHR14	5830122	CHR14:5830122	SSF x Far_LoA	-10,265	0,129	0,291
CHR14	5830256	CHR14:5830256	SSF x Far_LoA	-10,601	0,052	0,293
CHR14	5839729	CHR14:5839729	SSF x Far_LoA	-10,511	-0,103	0,294
CHR14	5839771	CHR14:5839771	SSF x Far_LoA	-1,713	0,084	0,304
CHR14	5839872	CHR14:5839872	SSF x Far_LoA	-7,313	-0,055	0,287
CHR14	5839881	CHR14:5839881	SSF x Far_LoA	-9,821	0,007	0,285
CHR14	5840088	CHR14:5840088	SSF x Far_LoA	-10,453	0,105	0,280
CHR14	5840125	CHR14:5840125	SSF x Far_LoA	-7,812	0,175	0,273
CHR14	5840138	CHR14:5840138	SSF x Far_LoA	-10,691	0,001	0,298
CHR14	5844052	CHR14:5844052	SSF x Far_LoA	-7,705	-0,064	0,288

CHR14	5844105	CHR14:5844105	SSF x Far_LoA	-9,844	-0,075	0,302
CHR14	5844114	CHR14:5844114	SSF x Far_LoA	-8,566	-0,064	0,292
CHR14	5844121	CHR14:5844121	SSF x Far_LoA	-9,853	0,031	0,296
CHR14	5844350	CHR14:5844350	SSF x Far_LoA	-7,860	0,082	0,296
CHR14	5844398	CHR14:5844398	SSF x Far_LoA	-0,712	-0,054	0,312
CHR14	5862696	CHR14:5862696	SSF x Far_LoA	-11,100	-0,038	0,286
CHR14	5862812	CHR14:5862812	SSF x Far_LoA	-9,058	-0,023	0,276
CHR14	5862813	CHR14:5862813	SSF x Far_LoA	-11,267	0,000	0,290
CHR14	5862820	CHR14:5862820	SSF x Far_LoA	-9,733	-0,029	0,285
CHR14	5867156	CHR14:5867156	SSF x Far_LoA	-9,718	-0,108	0,282
CHR14	5867174	CHR14:5867174	SSF x Far_LoA	-5,756	0,189	0,282
CHR14	5868758	CHR14:5868758	SSF x Far_LoA	-10,877	-0,035	0,287
CHR14	5877040	CHR14:5877040	SSF x Far_LoA	-10,369	0,108	0,302
CHR14	5880899	CHR14:5880899	SSF x Far_LoA	-7,903	-0,023	0,295
CHR14	5880982	CHR14:5880982	SSF x Far_LoA	-10,663	0,019	0,295
CHR14	5881040	CHR14:5881040	SSF x Far_LoA	-11,079	-0,027	0,288
CHR14	5881070	CHR14:5881070	SSF x Far_LoA	-8,593	-0,044	0,305
CHR14	5898123	CHR14:5898123	SSF x Far_LoA	-7,822	-0,162	0,301
CHR14	5909735	CHR14:5909735	SSF x Far_LoA	-11,269	0,074	0,293
CHR14	5909814	CHR14:5909814	SSF x Far_LoA	-11,212	-0,106	0,289
CHR14	5909994	CHR14:5909994	SSF x Far_LoA	-8,213	-0,019	0,297
CHR14	5910013	CHR14:5910013	SSF x Far_LoA	-10,454	0,004	0,297
CHR14	5910044	CHR14:5910044	SSF x Far_LoA	-9,735	0,041	0,293
CHR14	5912981	CHR14:5912981	SSF x Far_LoA	-11,089	-0,045	0,299
CHR14	5913053	CHR14:5913053	SSF x Far_LoA	-6,709	-0,129	0,287
CHR14	5913182	CHR14:5913182	SSF x Far_LoA	-7,982	0,089	0,278
CHR14	5919776	CHR14:5919776	SSF x Far_LoA	-7,529	0,027	0,305
CHR14	5923648	CHR14:5923648	SSF x Far_LoA	-8,266	-0,033	0,299
CHR14	5923813	CHR14:5923813	SSF x Far_LoA	-8,454	0,036	0,298
CHR14	5950409	CHR14:5950409	SSF x Far_LoA	-7,005	-0,076	0,283
CHR14	5950430	CHR14:5950430	SSF x Far_LoA	-8,630	0,063	0,288
CHR14	5964865	CHR14:5964865	SSF x Far_LoA	-8,800	-0,048	0,292
CHR14	5973321	CHR14:5973321	SSF x Far_LoA	-9,257	-0,061	0,303
CHR14	5973354	CHR14:5973354	SSF x Far_LoA	-10,325	-0,002	0,292
CHR14	5973383	CHR14:5973383	SSF x Far_LoA	-9,795	-0,032	0,302
CHR14	601916	CHR14:601916	SSF x Far_LoA	-9,756	-0,111	0,291
CHR14	6033792	CHR14:6033792	SSF x Far_LoA	-7,835	-0,072	0,289
CHR14	6033793	CHR14:6033793	SSF x Far_LoA	-7,964	-0,112	0,278
CHR14	6033923	CHR14:6033923	SSF x Far_LoA	-8,654	-0,025	0,287
CHR14	6045736	CHR14:6045736	SSF x Far_LoA	-9,457	-0,021	0,290
CHR14	6045819	CHR14:6045819	SSF x Far_LoA	-10,750	0,001	0,300
CHR14	6045847	CHR14:6045847	SSF x Far_LoA	-11,338	-0,022	0,281
CHR14	6045857	CHR14:6045857	SSF x Far_LoA	-10,871	0,037	0,289
CHR14	6045919	CHR14:6045919	SSF x Far_LoA	-9,120	-0,044	0,299
CHR14	6045957	CHR14:6045957	SSF x Far_LoA	-11,061	0,052	0,288
CHR14	6045962	CHR14:6045962	SSF x Far_LoA	-10,255	0,078	0,290
CHR14	6055461	CHR14:6055461	SSF x Far_LoA	-9,034	0,033	0,302
CHR14	6055631	CHR14:6055631	SSF x Far_LoA	-8,938	0,068	0,286
CHR14	6056974	CHR14:6056974	SSF x Far_LoA	-9,582	-0,083	0,287
CHR14	6067329	CHR14:6067329	SSF x Far_LoA	-11,263	-0,008	0,283
CHR14	6067450	CHR14:6067450	SSF x Far_LoA	-10,561	-0,051	0,287
CHR14	6098153	CHR14:6098153	SSF x Far_LoA	-7,482	0,075	0,278
CHR14	6098172	CHR14:6098172	SSF x Far_LoA	-5,424	-0,073	0,286

CHR14	6130265	CHR14:6130265	SSF x Far_LoA	-9,975	-0,014	0,274
CHR14	6130382	CHR14:6130382	SSF x Far_LoA	-8,679	0,077	0,298
CHR14	6130421	CHR14:6130421	SSF x Far_LoA	-10,245	0,030	0,284
CHR14	6136020	CHR14:6136020	SSF x Far_LoA	-4,300	0,094	0,267
CHR14	6136037	CHR14:6136037	SSF x Far_LoA	-8,214	-0,061	0,287
CHR14	6136038	CHR14:6136038	SSF x Far_LoA	-6,073	0,137	0,274
CHR14	6136204	CHR14:6136204	SSF x Far_LoA	-11,537	-0,011	0,294
CHR14	6136256	CHR14:6136256	SSF x Far_LoA	-11,704	0,005	0,284
CHR14	6158131	CHR14:6158131	SSF x Far_LoA	-9,922	-0,045	0,286
CHR14	6158322	CHR14:6158322	SSF x Far_LoA	-7,645	-0,088	0,296
CHR14	6160215	CHR14:6160215	SSF x Far_LoA	-9,329	-0,004	0,298
CHR14	6160617	CHR14:6160617	SSF x Far_LoA	-9,202	0,080	0,286
CHR14	6169390	CHR14:6169390	SSF x Far_LoA	-6,751	-0,133	0,279
CHR14	6169465	CHR14:6169465	SSF x Far_LoA	-11,105	-0,045	0,283
CHR14	6177632	CHR14:6177632	SSF x Far_LoA	-8,398	-0,058	0,292
CHR14	6177637	CHR14:6177637	SSF x Far_LoA	-11,431	-0,061	0,286
CHR14	6177658	CHR14:6177658	SSF x Far_LoA	-9,000	-0,052	0,274
CHR14	6177690	CHR14:6177690	SSF x Far_LoA	-9,321	0,077	0,283
CHR14	6179757	CHR14:6179757	SSF x Far_LoA	-10,841	0,013	0,288
CHR14	6179761	CHR14:6179761	SSF x Far_LoA	-10,477	-0,015	0,289
CHR14	6179798	CHR14:6179798	SSF x Far_LoA	-8,810	0,097	0,292
CHR14	6179861	CHR14:6179861	SSF x Far_LoA	-11,453	0,078	0,281
CHR14	6179911	CHR14:6179911	SSF x Far_LoA	-7,378	-0,115	0,294
CHR14	6179920	CHR14:6179920	SSF x Far_LoA	-10,454	0,076	0,295
CHR14	6186607	CHR14:6186607	SSF x Far_LoA	-11,059	0,013	0,295
CHR14	6186616	CHR14:6186616	SSF x Far_LoA	-10,162	0,013	0,279
CHR14	619655	CHR14:619655	SSF x Far_LoA	-9,457	0,068	0,294
CHR14	6197838	CHR14:6197838	SSF x Far_LoA	-10,659	0,090	0,286
CHR14	6197859	CHR14:6197859	SSF x Far_LoA	-8,162	0,111	0,297
CHR14	6197877	CHR14:6197877	SSF x Far_LoA	-8,611	-0,045	0,307
CHR14	6197899	CHR14:6197899	SSF x Far_LoA	-9,433	0,084	0,303
CHR14	6197908	CHR14:6197908	SSF x Far_LoA	-9,446	0,018	0,295
CHR14	6197923	CHR14:6197923	SSF x Far_LoA	-10,285	0,011	0,298
CHR14	6197966	CHR14:6197966	SSF x Far_LoA	-8,270	0,003	0,293
CHR14	6197967	CHR14:6197967	SSF x Far_LoA	-6,682	0,015	0,290
CHR14	6197998	CHR14:6197998	SSF x Far_LoA	-9,564	-0,031	0,283
CHR14	6198032	CHR14:6198032	SSF x Far_LoA	-11,084	-0,048	0,283
CHR14	6198083	CHR14:6198083	SSF x Far_LoA	-8,081	0,127	0,261
CHR14	620038	CHR14:620038	SSF x Far_LoA	-8,438	-0,039	0,300
CHR14	6201558	CHR14:6201558	SSF x Far_LoA	-11,610	-0,026	0,287
CHR14	6201569	CHR14:6201569	SSF x Far_LoA	-8,077	-0,076	0,287
CHR14	6201581	CHR14:6201581	SSF x Far_LoA	-6,088	0,023	0,283
CHR14	6201585	CHR14:6201585	SSF x Far_LoA	-8,485	0,054	0,304
CHR14	6201639	CHR14:6201639	SSF x Far_LoA	-4,908	0,018	0,276
CHR14	6217958	CHR14:6217958	SSF x Far_LoA	-7,029	-0,152	0,295
CHR14	6224060	CHR14:6224060	SSF x Far_LoA	-9,854	0,053	0,284
CHR14	6224067	CHR14:6224067	SSF x Far_LoA	-8,707	-0,045	0,305
CHR14	6258862	CHR14:6258862	SSF x Far_LoA	-4,230	-0,045	0,289
CHR14	6258961	CHR14:6258961	SSF x Far_LoA	-9,487	0,039	0,286
CHR14	6258973	CHR14:6258973	SSF x Far_LoA	-9,737	0,063	0,292
CHR14	6259004	CHR14:6259004	SSF x Far_LoA	-10,875	0,103	0,289
CHR14	6262713	CHR14:6262713	SSF x Far_LoA	-6,944	0,110	0,284
CHR14	6262742	CHR14:6262742	SSF x Far_LoA	-7,519	0,105	0,278

CHR14	6262887	CHR14:6262887	SSF x Far_LoA	-6,843	0,022	0,292
CHR14	6287764	CHR14:6287764	SSF x Far_LoA	-8,314	0,089	0,287
CHR14	6287766	CHR14:6287766	SSF x Far_LoA	-9,198	0,099	0,290
CHR14	6287816	CHR14:6287816	SSF x Far_LoA	-8,846	-0,151	0,284
CHR14	6287845	CHR14:6287845	SSF x Far_LoA	-10,667	-0,075	0,300
CHR14	6292953	CHR14:6292953	SSF x Far_LoA	-11,125	0,030	0,298
CHR14	6293100	CHR14:6293100	SSF x Far_LoA	-6,920	0,068	0,293
CHR14	6293189	CHR14:6293189	SSF x Far_LoA	-10,891	0,039	0,287
CHR14	6298849	CHR14:6298849	SSF x Far_LoA	-7,523	-0,075	0,288
CHR14	6298888	CHR14:6298888	SSF x Far_LoA	-10,294	0,015	0,299
CHR14	6298941	CHR14:6298941	SSF x Far_LoA	-7,533	-0,021	0,279
CHR14	6298960	CHR14:6298960	SSF x Far_LoA	-10,104	-0,028	0,290
CHR14	6299585	CHR14:6299585	SSF x Far_LoA	-7,263	0,028	0,287
CHR14	6299592	CHR14:6299592	SSF x Far_LoA	-11,383	0,031	0,298
CHR14	6299639	CHR14:6299639	SSF x Far_LoA	-10,594	0,024	0,298
CHR14	6299733	CHR14:6299733	SSF x Far_LoA	-10,098	-0,018	0,295
CHR14	6299771	CHR14:6299771	SSF x Far_LoA	-8,888	0,041	0,298
CHR14	6318187	CHR14:6318187	SSF x Far_LoA	-7,695	-0,024	0,301
CHR14	631858	CHR14:631858	SSF x Far_LoA	-5,582	-0,012	0,297
CHR14	632136	CHR14:632136	SSF x Far_LoA	-7,980	0,060	0,279
CHR14	632141	CHR14:632141	SSF x Far_LoA	-7,746	0,048	0,291
CHR14	6321828	CHR14:6321828	SSF x Far_LoA	-8,026	-0,051	0,279
CHR14	6322121	CHR14:6322121	SSF x Far_LoA	-7,527	-0,005	0,277
CHR14	6333110	CHR14:6333110	SSF x Far_LoA	-10,614	0,019	0,310
CHR14	6345564	CHR14:6345564	SSF x Far_LoA	-11,876	-0,046	0,278
CHR14	6352512	CHR14:6352512	SSF x Far_LoA	-10,591	-0,016	0,296
CHR14	6358936	CHR14:6358936	SSF x Far_LoA	-10,014	0,051	0,287
CHR14	6358983	CHR14:6358983	SSF x Far_LoA	-10,330	-0,019	0,279
CHR14	6373615	CHR14:6373615	SSF x Far_LoA	-8,936	-0,011	0,296
CHR14	6424898	CHR14:6424898	SSF x Far_LoA	-10,908	-0,060	0,288
CHR14	6424919	CHR14:6424919	SSF x Far_LoA	-2,866	-0,186	0,293
CHR14	6425776	CHR14:6425776	SSF x Far_LoA	-11,216	0,063	0,288
CHR14	6425883	CHR14:6425883	SSF x Far_LoA	-5,993	-0,084	0,290
CHR14	6425893	CHR14:6425893	SSF x Far_LoA	-11,133	0,013	0,291
CHR14	6427765	CHR14:6427765	SSF x Far_LoA	-11,342	-0,083	0,284
CHR14	6427786	CHR14:6427786	SSF x Far_LoA	-10,421	-0,094	0,286
CHR14	6427843	CHR14:6427843	SSF x Far_LoA	-10,318	0,005	0,296
CHR14	6427932	CHR14:6427932	SSF x Far_LoA	-10,946	0,087	0,292
CHR14	6437244	CHR14:6437244	SSF x Far_LoA	-8,747	-0,126	0,287
CHR14	6437333	CHR14:6437333	SSF x Far_LoA	-9,754	-0,060	0,289
CHR14	6439651	CHR14:6439651	SSF x Far_LoA	-9,155	-0,056	0,307
CHR14	6439699	CHR14:6439699	SSF x Far_LoA	-10,408	0,119	0,282
CHR14	6439716	CHR14:6439716	SSF x Far_LoA	-6,949	-0,028	0,289
CHR14	6439730	CHR14:6439730	SSF x Far_LoA	-10,439	0,044	0,289
CHR14	6439752	CHR14:6439752	SSF x Far_LoA	-8,751	0,017	0,305
CHR14	6459309	CHR14:6459309	SSF x Far_LoA	-9,686	-0,011	0,289
CHR14	6459318	CHR14:6459318	SSF x Far_LoA	-8,514	0,003	0,297
CHR14	6459360	CHR14:6459360	SSF x Far_LoA	-3,466	-0,147	0,289
CHR14	6459416	CHR14:6459416	SSF x Far_LoA	-8,976	-0,081	0,277
CHR14	6459430	CHR14:6459430	SSF x Far_LoA	-10,610	-0,007	0,293
CHR14	6459477	CHR14:6459477	SSF x Far_LoA	-9,348	-0,002	0,285
CHR14	6459577	CHR14:6459577	SSF x Far_LoA	-9,728	0,036	0,303
CHR14	6466101	CHR14:6466101	SSF x Far_LoA	-8,946	-0,003	0,270

CHR14	6466181	CHR14:6466181	SSF x Far_LoA	-3,545	0,141	0,282
CHR14	6562774	CHR14:6562774	SSF x Far_LoA	-8,874	0,074	0,285
CHR14	6563847	CHR14:6563847	SSF x Far_LoA	-10,598	0,123	0,304
CHR14	6563972	CHR14:6563972	SSF x Far_LoA	-11,622	0,018	0,300
CHR14	6564798	CHR14:6564798	SSF x Far_LoA	-11,045	0,018	0,285
CHR14	6564879	CHR14:6564879	SSF x Far_LoA	-7,561	-0,010	0,296
CHR14	6567879	CHR14:6567879	SSF x Far_LoA	-8,234	0,101	0,294
CHR14	6569443	CHR14:6569443	SSF x Far_LoA	-8,391	-0,104	0,294
CHR14	6571651	CHR14:6571651	SSF x Far_LoA	-4,507	-0,013	0,288
CHR14	6571761	CHR14:6571761	SSF x Far_LoA	-10,836	-0,076	0,287
CHR14	6578299	CHR14:6578299	SSF x Far_LoA	-11,892	0,047	0,289
CHR14	6578605	CHR14:6578605	SSF x Far_LoA	-11,262	0,050	0,293
CHR14	6578641	CHR14:6578641	SSF x Far_LoA	-6,644	0,078	0,282
CHR14	6578649	CHR14:6578649	SSF x Far_LoA	-6,896	0,021	0,304
CHR14	6580644	CHR14:6580644	SSF x Far_LoA	-9,178	0,013	0,274
CHR14	6580659	CHR14:6580659	SSF x Far_LoA	-8,719	0,012	0,273
CHR14	6580687	CHR14:6580687	SSF x Far_LoA	-9,435	0,136	0,290
CHR14	6581871	CHR14:6581871	SSF x Far_LoA	-6,738	-0,202	0,286
CHR14	6581885	CHR14:6581885	SSF x Far_LoA	-6,558	0,081	0,303
CHR14	6595052	CHR14:6595052	SSF x Far_LoA	-9,690	0,078	0,293
CHR14	6625302	CHR14:6625302	SSF x Far_LoA	-9,609	-0,046	0,290
CHR14	6633278	CHR14:6633278	SSF x Far_LoA	-10,673	0,135	0,291
CHR14	664031	CHR14:664031	SSF x Far_LoA	-8,590	-0,032	0,306
CHR14	6652444	CHR14:6652444	SSF x Far_LoA	-6,101	-0,021	0,292
CHR14	6652482	CHR14:6652482	SSF x Far_LoA	-7,877	0,072	0,278
CHR14	6652551	CHR14:6652551	SSF x Far_LoA	-8,572	-0,040	0,286
CHR14	6652587	CHR14:6652587	SSF x Far_LoA	-10,337	-0,003	0,289
CHR14	6656231	CHR14:6656231	SSF x Far_LoA	-5,495	0,164	0,268
CHR14	6656262	CHR14:6656262	SSF x Far_LoA	-9,048	-0,114	0,293
CHR14	6656363	CHR14:6656363	SSF x Far_LoA	-8,807	0,033	0,284
CHR14	6656376	CHR14:6656376	SSF x Far_LoA	-5,147	-0,150	0,298
CHR14	6656380	CHR14:6656380	SSF x Far_LoA	-3,238	-0,148	0,275
CHR14	6656384	CHR14:6656384	SSF x Far_LoA	-6,216	-0,135	0,287
CHR14	6656388	CHR14:6656388	SSF x Far_LoA	-6,663	-0,094	0,294
CHR14	6666651	CHR14:6666651	SSF x Far_LoA	-9,514	-0,036	0,282
CHR14	6666699	CHR14:6666699	SSF x Far_LoA	-11,445	-0,014	0,286
CHR14	6669087	CHR14:6669087	SSF x Far_LoA	-8,474	-0,050	0,288
CHR14	6671123	CHR14:6671123	SSF x Far_LoA	-9,044	0,013	0,291
CHR14	6681180	CHR14:6681180	SSF x Far_LoA	-9,320	-0,030	0,289
CHR14	6681241	CHR14:6681241	SSF x Far_LoA	-9,282	-0,019	0,283
CHR14	6681313	CHR14:6681313	SSF x Far_LoA	-11,208	0,014	0,289
CHR14	6689586	CHR14:6689586	SSF x Far_LoA	-9,829	0,050	0,288
CHR14	6694316	CHR14:6694316	SSF x Far_LoA	-9,643	-0,075	0,286
CHR14	6694337	CHR14:6694337	SSF x Far_LoA	-4,843	0,167	0,287
CHR14	6694359	CHR14:6694359	SSF x Far_LoA	-7,827	0,168	0,282
CHR14	6694371	CHR14:6694371	SSF x Far_LoA	-7,432	0,136	0,288
CHR14	6694385	CHR14:6694385	SSF x Far_LoA	-11,534	-0,038	0,285
CHR14	6694391	CHR14:6694391	SSF x Far_LoA	-7,348	0,177	0,282
CHR14	6694414	CHR14:6694414	SSF x Far_LoA	-7,992	0,030	0,291
CHR14	6694418	CHR14:6694418	SSF x Far_LoA	-8,898	0,063	0,299
CHR14	6694440	CHR14:6694440	SSF x Far_LoA	-9,627	-0,090	0,297
CHR14	6694446	CHR14:6694446	SSF x Far_LoA	-7,331	-0,081	0,299
CHR14	6694447	CHR14:6694447	SSF x Far_LoA	-6,074	-0,057	0,305

CHR14	6694469	CHR14:6694469	SSF x Far_LoA	-9,193	0,056	0,291
CHR14	6694622	CHR14:6694622	SSF x Far_LoA	-10,069	-0,026	0,296
CHR14	6694623	CHR14:6694623	SSF x Far_LoA	-9,060	-0,031	0,281
CHR14	6694624	CHR14:6694624	SSF x Far_LoA	-8,372	-0,032	0,278
CHR14	6694626	CHR14:6694626	SSF x Far_LoA	-8,871	-0,013	0,285
CHR14	6694727	CHR14:6694727	SSF x Far_LoA	-8,470	-0,008	0,291
CHR14	6724210	CHR14:6724210	SSF x Far_LoA	-9,810	-0,045	0,288
CHR14	6724302	CHR14:6724302	SSF x Far_LoA	-11,497	0,120	0,265
CHR14	6726246	CHR14:6726246	SSF x Far_LoA	-8,356	-0,017	0,282
CHR14	6726297	CHR14:6726297	SSF x Far_LoA	-5,256	-0,056	0,285
CHR14	6742909	CHR14:6742909	SSF x Far_LoA	-8,213	-0,016	0,290
CHR14	6742917	CHR14:6742917	SSF x Far_LoA	-7,274	-0,084	0,287
CHR14	6742942	CHR14:6742942	SSF x Far_LoA	-9,518	0,014	0,293
CHR14	6742987	CHR14:6742987	SSF x Far_LoA	-10,708	0,045	0,274
CHR14	6743001	CHR14:6743001	SSF x Far_LoA	-8,672	-0,007	0,295
CHR14	6743073	CHR14:6743073	SSF x Far_LoA	-11,912	0,044	0,280
CHR14	6743086	CHR14:6743086	SSF x Far_LoA	-10,708	0,021	0,293
CHR14	6743196	CHR14:6743196	SSF x Far_LoA	-2,538	0,067	0,291
CHR14	6743201	CHR14:6743201	SSF x Far_LoA	-6,880	0,086	0,289
CHR14	6746618	CHR14:6746618	SSF x Far_LoA	-9,703	0,021	0,282
CHR14	6746741	CHR14:6746741	SSF x Far_LoA	-9,794	0,035	0,293
CHR14	6746995	CHR14:6746995	SSF x Far_LoA	-8,634	0,046	0,297
CHR14	6767119	CHR14:6767119	SSF x Far_LoA	-9,281	-0,064	0,289
CHR14	6767170	CHR14:6767170	SSF x Far_LoA	-9,295	0,017	0,292
CHR14	6774462	CHR14:6774462	SSF x Far_LoA	-9,279	0,041	0,285
CHR14	6774468	CHR14:6774468	SSF x Far_LoA	-9,982	0,107	0,279
CHR14	6775258	CHR14:6775258	SSF x Far_LoA	-10,542	0,109	0,285
CHR14	6783250	CHR14:6783250	SSF x Far_LoA	-7,842	-0,118	0,307
CHR14	6829015	CHR14:6829015	SSF x Far_LoA	-8,800	-0,114	0,287
CHR14	6841611	CHR14:6841611	SSF x Far_LoA	-10,297	0,037	0,297
CHR14	6907429	CHR14:6907429	SSF x Far_LoA	-9,541	0,053	0,286
CHR14	6913340	CHR14:6913340	SSF x Far_LoA	-10,858	0,008	0,288
CHR14	6927335	CHR14:6927335	SSF x Far_LoA	-10,912	0,039	0,299
CHR14	6968579	CHR14:6968579	SSF x Far_LoA	-5,136	0,146	0,270
CHR14	6975464	CHR14:6975464	SSF x Far_LoA	-10,203	0,055	0,284
CHR14	6975478	CHR14:6975478	SSF x Far_LoA	-12,015	-0,003	0,289
CHR14	6975488	CHR14:6975488	SSF x Far_LoA	-10,707	0,022	0,301
CHR14	6975500	CHR14:6975500	SSF x Far_LoA	-11,472	0,004	0,276
CHR14	6975505	CHR14:6975505	SSF x Far_LoA	-2,200	-0,092	0,285
CHR14	6975635	CHR14:6975635	SSF x Far_LoA	-9,843	0,065	0,299
CHR14	6975649	CHR14:6975649	SSF x Far_LoA	-8,772	0,070	0,288
CHR14	6982913	CHR14:6982913	SSF x Far_LoA	-8,742	-0,080	0,307
CHR14	6991851	CHR14:6991851	SSF x Far_LoA	-5,205	0,048	0,291
CHR14	6991852	CHR14:6991852	SSF x Far_LoA	-7,991	0,002	0,305
CHR14	6991874	CHR14:6991874	SSF x Far_LoA	-9,045	0,079	0,294
CHR14	6991915	CHR14:6991915	SSF x Far_LoA	-7,658	-0,029	0,307
CHR14	6991920	CHR14:6991920	SSF x Far_LoA	-9,348	-0,015	0,301
CHR14	6991927	CHR14:6991927	SSF x Far_LoA	-11,556	0,023	0,293
CHR14	6991937	CHR14:6991937	SSF x Far_LoA	-7,643	0,094	0,286
CHR14	6992043	CHR14:6992043	SSF x Far_LoA	-7,416	0,076	0,285
CHR14	6992048	CHR14:6992048	SSF x Far_LoA	-9,062	-0,026	0,288
CHR14	7034058	CHR14:7034058	SSF x Far_LoA	-9,851	-0,042	0,288
CHR14	7034918	CHR14:7034918	SSF x Far_LoA	-7,932	0,107	0,276

CHR14	7046395	CHR14:7046395	SSF x Far_LoA	-8,026	0,082	0,305
CHR14	7046473	CHR14:7046473	SSF x Far_LoA	-9,195	-0,080	0,290
CHR14	7046551	CHR14:7046551	SSF x Far_LoA	-9,722	-0,019	0,284
CHR14	7046625	CHR14:7046625	SSF x Far_LoA	-7,379	0,071	0,288
CHR14	707565	CHR14:707565	SSF x Far_LoA	-11,110	0,112	0,272
CHR14	7087565	CHR14:7087565	SSF x Far_LoA	-8,879	0,131	0,297
CHR14	7087718	CHR14:7087718	SSF x Far_LoA	-9,221	0,158	0,264
CHR14	7097205	CHR14:7097205	SSF x Far_LoA	-10,892	-0,066	0,281
CHR14	7097347	CHR14:7097347	SSF x Far_LoA	-6,743	0,137	0,291
CHR14	7102825	CHR14:7102825	SSF x Far_LoA	-7,293	0,007	0,296
CHR14	7102912	CHR14:7102912	SSF x Far_LoA	-10,299	-0,031	0,285
CHR14	7102914	CHR14:7102914	SSF x Far_LoA	-9,904	-0,106	0,279
CHR14	7102946	CHR14:7102946	SSF x Far_LoA	-10,751	-0,012	0,298
CHR14	7103009	CHR14:7103009	SSF x Far_LoA	-11,512	0,031	0,292
CHR14	7103123	CHR14:7103123	SSF x Far_LoA	-10,269	0,148	0,282
CHR14	7110639	CHR14:7110639	SSF x Far_LoA	-8,760	0,077	0,283
CHR14	7122508	CHR14:7122508	SSF x Far_LoA	-10,660	0,134	0,287
CHR14	7133299	CHR14:7133299	SSF x Far_LoA	-8,968	-0,102	0,280
CHR14	7133336	CHR14:7133336	SSF x Far_LoA	-7,835	-0,133	0,289
CHR14	715410	CHR14:715410	SSF x Far_LoA	-9,100	0,095	0,290
CHR14	715608	CHR14:715608	SSF x Far_LoA	-7,793	0,116	0,286
CHR14	7163478	CHR14:7163478	SSF x Far_LoA	-11,491	-0,048	0,279
CHR14	728779	CHR14:728779	SSF x Far_LoA	-9,579	-0,032	0,290
CHR14	729859	CHR14:729859	SSF x Far_LoA	-8,503	0,019	0,289
CHR14	7321425	CHR14:7321425	SSF x Far_LoA	-11,705	0,051	0,284
CHR14	7321569	CHR14:7321569	SSF x Far_LoA	-5,951	-0,103	0,292
CHR14	732701	CHR14:732701	SSF x Far_LoA	-8,396	0,050	0,283
CHR14	7343910	CHR14:7343910	SSF x Far_LoA	-10,239	-0,026	0,282
CHR14	7396883	CHR14:7396883	SSF x Far_LoA	-9,590	0,061	0,291
CHR14	7396946	CHR14:7396946	SSF x Far_LoA	-8,915	-0,001	0,274
CHR14	7419431	CHR14:7419431	SSF x Far_LoA	-6,799	0,186	0,275
CHR14	7421168	CHR14:7421168	SSF x Far_LoA	-9,546	0,016	0,284
CHR14	7421272	CHR14:7421272	SSF x Far_LoA	-8,455	0,044	0,292
CHR14	7421289	CHR14:7421289	SSF x Far_LoA	-8,114	0,017	0,285
CHR14	7421293	CHR14:7421293	SSF x Far_LoA	-11,513	-0,035	0,288
CHR14	7421353	CHR14:7421353	SSF x Far_LoA	-8,811	0,012	0,286
CHR14	7421358	CHR14:7421358	SSF x Far_LoA	-9,531	-0,058	0,297
CHR14	7421363	CHR14:7421363	SSF x Far_LoA	-9,118	0,038	0,286
CHR14	7421374	CHR14:7421374	SSF x Far_LoA	-9,058	-0,003	0,299
CHR14	7421397	CHR14:7421397	SSF x Far_LoA	-10,124	-0,076	0,289
CHR14	7434991	CHR14:7434991	SSF x Far_LoA	-11,543	-0,025	0,286
CHR14	7443553	CHR14:7443553	SSF x Far_LoA	-8,726	-0,125	0,284
CHR14	7454113	CHR14:7454113	SSF x Far_LoA	-8,607	0,045	0,288
CHR14	7454116	CHR14:7454116	SSF x Far_LoA	-1,137	0,069	0,292
CHR14	7454120	CHR14:7454120	SSF x Far_LoA	-8,632	-0,041	0,293
CHR14	7454129	CHR14:7454129	SSF x Far_LoA	-9,634	0,042	0,299
CHR14	7454134	CHR14:7454134	SSF x Far_LoA	-8,386	0,044	0,287
CHR14	7454212	CHR14:7454212	SSF x Far_LoA	-11,034	0,063	0,304
CHR14	7454295	CHR14:7454295	SSF x Far_LoA	-8,269	-0,122	0,262
CHR14	7454398	CHR14:7454398	SSF x Far_LoA	-8,103	0,173	0,282
CHR14	7454408	CHR14:7454408	SSF x Far_LoA	-4,697	-0,158	0,298
CHR14	7454411	CHR14:7454411	SSF x Far_LoA	-6,663	-0,111	0,296
CHR14	7454434	CHR14:7454434	SSF x Far_LoA	-6,352	-0,084	0,295

CHR14	7461659	CHR14:7461659	SSF x Far_LoA	-9,880	0,081	0,290
CHR14	7478874	CHR14:7478874	SSF x Far_LoA	-8,752	0,020	0,306
CHR14	7478897	CHR14:7478897	SSF x Far_LoA	-11,876	-0,031	0,299
CHR14	7478898	CHR14:7478898	SSF x Far_LoA	-7,679	0,084	0,292
CHR14	7478940	CHR14:7478940	SSF x Far_LoA	-8,924	0,002	0,297
CHR14	7478967	CHR14:7478967	SSF x Far_LoA	-9,730	-0,114	0,275
CHR14	7503072	CHR14:7503072	SSF x Far_LoA	-9,311	0,110	0,276
CHR14	7505111	CHR14:7505111	SSF x Far_LoA	-10,005	0,044	0,307
CHR14	7505141	CHR14:7505141	SSF x Far_LoA	-7,695	0,157	0,279
CHR14	7505154	CHR14:7505154	SSF x Far_LoA	-7,224	0,143	0,270
CHR14	7514348	CHR14:7514348	SSF x Far_LoA	-11,217	0,057	0,301
CHR14	752911	CHR14:752911	SSF x Far_LoA	-6,145	-0,119	0,291
CHR14	753138	CHR14:753138	SSF x Far_LoA	-7,975	-0,135	0,298
CHR14	754270	CHR14:754270	SSF x Far_LoA	-8,417	0,071	0,306
CHR14	754401	CHR14:754401	SSF x Far_LoA	-10,908	0,043	0,285
CHR14	7547354	CHR14:7547354	SSF x Far_LoA	-9,153	-0,040	0,290
CHR14	7547420	CHR14:7547420	SSF x Far_LoA	-8,970	-0,048	0,298
CHR14	7547443	CHR14:7547443	SSF x Far_LoA	-7,147	-0,128	0,286
CHR14	7547525	CHR14:7547525	SSF x Far_LoA	-10,541	-0,041	0,297
CHR14	7547526	CHR14:7547526	SSF x Far_LoA	-10,689	-0,039	0,284
CHR14	7557250	CHR14:7557250	SSF x Far_LoA	-8,076	0,020	0,282
CHR14	7557277	CHR14:7557277	SSF x Far_LoA	-10,386	-0,056	0,303
CHR14	7559766	CHR14:7559766	SSF x Far_LoA	-8,250	0,073	0,287
CHR14	7559826	CHR14:7559826	SSF x Far_LoA	-0,337	0,082	0,299
CHR14	7574395	CHR14:7574395	SSF x Far_LoA	-8,053	0,080	0,301
CHR14	7574454	CHR14:7574454	SSF x Far_LoA	-8,542	-0,067	0,291
CHR14	7574458	CHR14:7574458	SSF x Far_LoA	-7,068	-0,045	0,287
CHR14	759816	CHR14:759816	SSF x Far_LoA	-11,397	0,050	0,296
CHR14	761032	CHR14:761032	SSF x Far_LoA	-9,463	0,004	0,282
CHR14	761064	CHR14:761064	SSF x Far_LoA	-9,364	-0,002	0,280
CHR14	7615570	CHR14:7615570	SSF x Far_LoA	-9,273	0,030	0,302
CHR14	7615613	CHR14:7615613	SSF x Far_LoA	-9,474	0,083	0,285
CHR14	7616203	CHR14:7616203	SSF x Far_LoA	-8,635	0,019	0,295
CHR14	7622180	CHR14:7622180	SSF x Far_LoA	-9,650	-0,140	0,297
CHR14	7630206	CHR14:7630206	SSF x Far_LoA	-10,086	-0,037	0,272
CHR14	7630244	CHR14:7630244	SSF x Far_LoA	-7,991	-0,054	0,293
CHR14	7630262	CHR14:7630262	SSF x Far_LoA	-10,345	0,010	0,297
CHR14	7648843	CHR14:7648843	SSF x Far_LoA	-9,505	0,025	0,308
CHR14	7648853	CHR14:7648853	SSF x Far_LoA	-9,698	0,004	0,303
CHR14	7648872	CHR14:7648872	SSF x Far_LoA	-9,689	0,035	0,287
CHR14	7648874	CHR14:7648874	SSF x Far_LoA	-8,400	0,002	0,287
CHR14	7648882	CHR14:7648882	SSF x Far_LoA	-8,678	-0,009	0,302
CHR14	765158	CHR14:765158	SSF x Far_LoA	-5,924	-0,144	0,289
CHR14	765222	CHR14:765222	SSF x Far_LoA	-9,922	0,026	0,301
CHR14	7672739	CHR14:7672739	SSF x Far_LoA	-8,371	-0,060	0,290
CHR14	7672742	CHR14:7672742	SSF x Far_LoA	-9,747	-0,037	0,274
CHR14	7672767	CHR14:7672767	SSF x Far_LoA	-8,394	-0,043	0,291
CHR14	7673715	CHR14:7673715	SSF x Far_LoA	-9,763	-0,036	0,291
CHR14	7673862	CHR14:7673862	SSF x Far_LoA	-8,643	-0,146	0,287
CHR14	7673895	CHR14:7673895	SSF x Far_LoA	-7,802	0,018	0,303
CHR14	7673911	CHR14:7673911	SSF x Far_LoA	-7,376	0,035	0,306
CHR14	7675001	CHR14:7675001	SSF x Far_LoA	-8,615	-0,013	0,298
CHR14	7675018	CHR14:7675018	SSF x Far_LoA	-11,688	0,017	0,297

CHR14	7675023	CHR14:7675023	SSF x Far_LoA	-10,863	0,072	0,280
CHR14	7688300	CHR14:7688300	SSF x Far_LoA	-10,592	-0,017	0,297
CHR14	7688373	CHR14:7688373	SSF x Far_LoA	-6,022	-0,031	0,298
CHR14	7688443	CHR14:7688443	SSF x Far_LoA	-9,058	-0,095	0,292
CHR14	7694375	CHR14:7694375	SSF x Far_LoA	-9,395	0,149	0,303
CHR14	7694424	CHR14:7694424	SSF x Far_LoA	-11,036	-0,043	0,288
CHR14	7694437	CHR14:7694437	SSF x Far_LoA	-10,750	0,057	0,298
CHR14	7694463	CHR14:7694463	SSF x Far_LoA	-9,914	0,031	0,301
CHR14	7696876	CHR14:7696876	SSF x Far_LoA	-10,601	0,030	0,290
CHR14	7697122	CHR14:7697122	SSF x Far_LoA	-11,516	-0,046	0,288
CHR14	7697156	CHR14:7697156	SSF x Far_LoA	-8,080	0,102	0,290
CHR14	7703199	CHR14:7703199	SSF x Far_LoA	-11,183	-0,094	0,291
CHR14	7703569	CHR14:7703569	SSF x Far_LoA	-8,493	-0,087	0,308
CHR14	7705448	CHR14:7705448	SSF x Far_LoA	-8,898	-0,129	0,291
CHR14	7705483	CHR14:7705483	SSF x Far_LoA	-7,822	-0,064	0,302
CHR14	7705610	CHR14:7705610	SSF x Far_LoA	-11,194	0,100	0,295
CHR14	7705617	CHR14:7705617	SSF x Far_LoA	-8,820	-0,097	0,284
CHR14	770937	CHR14:770937	SSF x Far_LoA	-10,580	0,081	0,290
CHR14	771028	CHR14:771028	SSF x Far_LoA	-11,556	-0,050	0,283
CHR14	7733524	CHR14:7733524	SSF x Far_LoA	-11,331	-0,007	0,296
CHR14	7737559	CHR14:7737559	SSF x Far_LoA	-5,474	0,168	0,279
CHR14	7737620	CHR14:7737620	SSF x Far_LoA	-3,643	0,170	0,287
CHR14	7773716	CHR14:7773716	SSF x Far_LoA	-8,756	-0,084	0,284
CHR14	779081	CHR14:779081	SSF x Far_LoA	-10,495	0,142	0,284
CHR14	7803989	CHR14:7803989	SSF x Far_LoA	-7,687	-0,023	0,290
CHR14	7803995	CHR14:7803995	SSF x Far_LoA	-11,208	0,105	0,279
CHR14	7804032	CHR14:7804032	SSF x Far_LoA	-8,963	0,004	0,290
CHR14	7810999	CHR14:7810999	SSF x Far_LoA	-7,670	-0,068	0,279
CHR14	7811001	CHR14:7811001	SSF x Far_LoA	-8,434	-0,076	0,280
CHR14	7811107	CHR14:7811107	SSF x Far_LoA	-4,885	0,116	0,306
CHR14	7811152	CHR14:7811152	SSF x Far_LoA	-8,632	0,100	0,299
CHR14	7811211	CHR14:7811211	SSF x Far_LoA	-8,948	0,081	0,290
CHR14	7812807	CHR14:7812807	SSF x Far_LoA	-10,141	0,009	0,277
CHR14	7812855	CHR14:7812855	SSF x Far_LoA	-7,289	-0,031	0,299
CHR14	7812922	CHR14:7812922	SSF x Far_LoA	-9,235	0,054	0,294
CHR14	7812929	CHR14:7812929	SSF x Far_LoA	-9,876	0,053	0,296
CHR14	7819910	CHR14:7819910	SSF x Far_LoA	-8,726	-0,094	0,264
CHR14	7819944	CHR14:7819944	SSF x Far_LoA	-6,770	-0,141	0,271
CHR14	7819964	CHR14:7819964	SSF x Far_LoA	-7,587	-0,091	0,281
CHR14	7819968	CHR14:7819968	SSF x Far_LoA	-9,294	-0,076	0,279
CHR14	7820069	CHR14:7820069	SSF x Far_LoA	-9,565	0,035	0,267
CHR14	7820158	CHR14:7820158	SSF x Far_LoA	-10,514	-0,041	0,296
CHR14	7820170	CHR14:7820170	SSF x Far_LoA	-9,077	0,040	0,292
CHR14	7820232	CHR14:7820232	SSF x Far_LoA	-10,454	-0,009	0,306
CHR14	7820245	CHR14:7820245	SSF x Far_LoA	-9,053	0,002	0,288
CHR14	7820252	CHR14:7820252	SSF x Far_LoA	-9,062	0,018	0,283
CHR14	7835187	CHR14:7835187	SSF x Far_LoA	-7,974	-0,112	0,275
CHR14	7835326	CHR14:7835326	SSF x Far_LoA	-5,429	0,037	0,286
CHR14	7848504	CHR14:7848504	SSF x Far_LoA	-8,082	0,084	0,294
CHR14	7848653	CHR14:7848653	SSF x Far_LoA	-8,771	0,016	0,288
CHR14	7848693	CHR14:7848693	SSF x Far_LoA	-10,900	-0,025	0,305
CHR14	7848743	CHR14:7848743	SSF x Far_LoA	-9,385	-0,004	0,294
CHR14	7853931	CHR14:7853931	SSF x Far_LoA	-10,645	-0,047	0,308

CHR14	7853960	CHR14:7853960	SSF x Far_LoA	-5,951	0,072	0,295
CHR14	7853979	CHR14:7853979	SSF x Far_LoA	-8,093	-0,154	0,298
CHR14	7855279	CHR14:7855279	SSF x Far_LoA	-9,727	0,027	0,280
CHR14	7855327	CHR14:7855327	SSF x Far_LoA	-9,590	0,028	0,288
CHR14	7855425	CHR14:7855425	SSF x Far_LoA	-10,339	-0,050	0,289
CHR14	7855450	CHR14:7855450	SSF x Far_LoA	-10,032	-0,031	0,286
CHR14	7861358	CHR14:7861358	SSF x Far_LoA	-9,796	-0,129	0,280
CHR14	7863736	CHR14:7863736	SSF x Far_LoA	-10,525	0,071	0,292
CHR14	7885345	CHR14:7885345	SSF x Far_LoA	-10,142	0,094	0,291
CHR14	7908118	CHR14:7908118	SSF x Far_LoA	-5,875	-0,158	0,278
CHR14	7942907	CHR14:7942907	SSF x Far_LoA	-10,509	-0,043	0,287
CHR14	7955538	CHR14:7955538	SSF x Far_LoA	-7,988	-0,118	0,285
CHR14	7960191	CHR14:7960191	SSF x Far_LoA	-10,143	0,056	0,284
CHR14	7960192	CHR14:7960192	SSF x Far_LoA	-10,712	-0,019	0,294
CHR14	7960223	CHR14:7960223	SSF x Far_LoA	-10,906	0,042	0,290
CHR14	7960247	CHR14:7960247	SSF x Far_LoA	-11,971	0,035	0,291
CHR14	8025724	CHR14:8025724	SSF x Far_LoA	-10,326	0,032	0,277
CHR14	8063431	CHR14:8063431	SSF x Far_LoA	-11,042	0,093	0,281
CHR14	8072621	CHR14:8072621	SSF x Far_LoA	-10,460	-0,032	0,290
CHR14	8072675	CHR14:8072675	SSF x Far_LoA	-2,686	-0,081	0,295
CHR14	8072684	CHR14:8072684	SSF x Far_LoA	-9,465	-0,020	0,298
CHR14	8072686	CHR14:8072686	SSF x Far_LoA	-10,394	0,022	0,288
CHR14	8077405	CHR14:8077405	SSF x Far_LoA	-10,115	0,105	0,298
CHR14	8102866	CHR14:8102866	SSF x Far_LoA	-7,296	-0,063	0,286
CHR14	8102909	CHR14:8102909	SSF x Far_LoA	-8,773	-0,123	0,282
CHR14	8132251	CHR14:8132251	SSF x Far_LoA	-8,748	-0,103	0,283
CHR14	8132254	CHR14:8132254	SSF x Far_LoA	-9,682	-0,058	0,289
CHR14	8132821	CHR14:8132821	SSF x Far_LoA	-7,905	-0,089	0,278
CHR14	8133018	CHR14:8133018	SSF x Far_LoA	-10,102	0,040	0,300
CHR14	8137999	CHR14:8137999	SSF x Far_LoA	-8,791	0,026	0,278
CHR14	8138017	CHR14:8138017	SSF x Far_LoA	-7,543	-0,137	0,281
CHR14	8138156	CHR14:8138156	SSF x Far_LoA	-9,857	0,027	0,283
CHR14	8143681	CHR14:8143681	SSF x Far_LoA	-11,544	0,014	0,298
CHR14	8143694	CHR14:8143694	SSF x Far_LoA	-10,178	0,040	0,306
CHR14	8143776	CHR14:8143776	SSF x Far_LoA	-8,939	0,123	0,272
CHR14	8143877	CHR14:8143877	SSF x Far_LoA	-5,554	0,042	0,299
CHR14	8143910	CHR14:8143910	SSF x Far_LoA	-8,304	-0,058	0,305
CHR14	8143913	CHR14:8143913	SSF x Far_LoA	-7,700	0,036	0,295
CHR14	8147561	CHR14:8147561	SSF x Far_LoA	-9,442	-0,085	0,278
CHR14	8147979	CHR14:8147979	SSF x Far_LoA	-11,704	-0,034	0,286
CHR14	8148010	CHR14:8148010	SSF x Far_LoA	-8,902	0,052	0,281
CHR14	8149225	CHR14:8149225	SSF x Far_LoA	-8,669	0,148	0,277
CHR14	8149266	CHR14:8149266	SSF x Far_LoA	-7,234	0,027	0,276
CHR14	8149268	CHR14:8149268	SSF x Far_LoA	-6,345	0,060	0,281
CHR14	8149339	CHR14:8149339	SSF x Far_LoA	-8,263	-0,101	0,271
CHR14	8153517	CHR14:8153517	SSF x Far_LoA	-8,285	0,100	0,277
CHR14	8153586	CHR14:8153586	SSF x Far_LoA	-9,738	-0,030	0,287
CHR14	8164191	CHR14:8164191	SSF x Far_LoA	-10,242	-0,006	0,294
CHR14	8168133	CHR14:8168133	SSF x Far_LoA	-10,723	0,137	0,287
CHR14	8168538	CHR14:8168538	SSF x Far_LoA	-8,173	0,090	0,275
CHR14	8199692	CHR14:8199692	SSF x Far_LoA	-11,315	-0,060	0,285
CHR14	8199739	CHR14:8199739	SSF x Far_LoA	-9,490	0,002	0,276
CHR14	8201379	CHR14:8201379	SSF x Far_LoA	-6,830	-0,123	0,288

CHR14	8201409	CHR14:8201409	SSF x Far_LoA	-9,364	0,160	0,279
CHR14	8201410	CHR14:8201410	SSF x Far_LoA	-7,223	0,119	0,286
CHR14	8201491	CHR14:8201491	SSF x Far_LoA	-7,194	0,071	0,293
CHR14	8201495	CHR14:8201495	SSF x Far_LoA	-11,379	0,009	0,298
CHR14	8201533	CHR14:8201533	SSF x Far_LoA	-9,977	0,099	0,298
CHR14	8221202	CHR14:8221202	SSF x Far_LoA	-5,941	-0,086	0,275
CHR14	8221291	CHR14:8221291	SSF x Far_LoA	-8,091	-0,129	0,305
CHR14	8221340	CHR14:8221340	SSF x Far_LoA	-7,633	0,159	0,273
CHR14	8221351	CHR14:8221351	SSF x Far_LoA	-11,266	0,013	0,288
CHR14	8221390	CHR14:8221390	SSF x Far_LoA	-8,389	-0,134	0,298
CHR14	8221452	CHR14:8221452	SSF x Far_LoA	-11,163	-0,067	0,283
CHR14	8221453	CHR14:8221453	SSF x Far_LoA	-6,482	0,125	0,295
CHR14	8245149	CHR14:8245149	SSF x Far_LoA	-8,659	-0,031	0,286
CHR14	8245187	CHR14:8245187	SSF x Far_LoA	-7,125	-0,082	0,284
CHR14	8245258	CHR14:8245258	SSF x Far_LoA	-8,918	0,015	0,288
CHR14	8245267	CHR14:8245267	SSF x Far_LoA	-11,304	0,001	0,289
CHR14	8245365	CHR14:8245365	SSF x Far_LoA	-11,486	0,061	0,290
CHR14	8245390	CHR14:8245390	SSF x Far_LoA	-10,809	-0,061	0,310
CHR14	8247787	CHR14:8247787	SSF x Far_LoA	-11,370	0,063	0,287
CHR14	8247795	CHR14:8247795	SSF x Far_LoA	-11,431	0,089	0,281
CHR14	8248367	CHR14:8248367	SSF x Far_LoA	-12,243	-0,030	0,290
CHR14	825320	CHR14:825320	SSF x Far_LoA	-9,670	-0,035	0,293
CHR14	8254269	CHR14:8254269	SSF x Far_LoA	-8,652	0,054	0,289
CHR14	8255771	CHR14:8255771	SSF x Far_LoA	-9,718	0,025	0,290
CHR14	8255891	CHR14:8255891	SSF x Far_LoA	-8,874	-0,083	0,293
CHR14	8255895	CHR14:8255895	SSF x Far_LoA	-10,195	-0,091	0,289
CHR14	8275165	CHR14:8275165	SSF x Far_LoA	-8,990	-0,105	0,275
CHR14	8275166	CHR14:8275166	SSF x Far_LoA	-10,064	0,016	0,287
CHR14	8275185	CHR14:8275185	SSF x Far_LoA	-9,233	0,017	0,304
CHR14	8275270	CHR14:8275270	SSF x Far_LoA	-10,537	0,012	0,280
CHR14	8275306	CHR14:8275306	SSF x Far_LoA	-11,758	-0,002	0,280
CHR14	8275317	CHR14:8275317	SSF x Far_LoA	-7,246	0,084	0,289
CHR14	8279375	CHR14:8279375	SSF x Far_LoA	-11,949	0,017	0,286
CHR14	8279383	CHR14:8279383	SSF x Far_LoA	-10,845	-0,018	0,289
CHR14	8279493	CHR14:8279493	SSF x Far_LoA	-10,701	-0,105	0,286
CHR14	8310011	CHR14:8310011	SSF x Far_LoA	-9,734	-0,083	0,282
CHR14	8315291	CHR14:8315291	SSF x Far_LoA	-8,789	-0,093	0,295
CHR14	8318434	CHR14:8318434	SSF x Far_LoA	-10,216	0,079	0,294
CHR14	8318455	CHR14:8318455	SSF x Far_LoA	-8,514	-0,098	0,281
CHR14	832798	CHR14:832798	SSF x Far_LoA	-5,649	0,131	0,281
CHR14	8328137	CHR14:8328137	SSF x Far_LoA	-11,613	-0,030	0,289
CHR14	8328171	CHR14:8328171	SSF x Far_LoA	-9,186	0,050	0,292
CHR14	8328248	CHR14:8328248	SSF x Far_LoA	-10,408	-0,051	0,297
CHR14	8328292	CHR14:8328292	SSF x Far_LoA	-7,112	-0,013	0,299
CHR14	8328301	CHR14:8328301	SSF x Far_LoA	-5,085	-0,047	0,309
CHR14	8328410	CHR14:8328410	SSF x Far_LoA	-11,669	0,013	0,293
CHR14	832908	CHR14:832908	SSF x Far_LoA	-12,275	-0,023	0,279
CHR14	8357352	CHR14:8357352	SSF x Far_LoA	-8,439	-0,054	0,293
CHR14	8357404	CHR14:8357404	SSF x Far_LoA	-0,158	-0,068	0,305
CHR14	8357421	CHR14:8357421	SSF x Far_LoA	-6,933	-0,101	0,306
CHR14	8357907	CHR14:8357907	SSF x Far_LoA	-6,556	-0,082	0,284
CHR14	8363072	CHR14:8363072	SSF x Far_LoA	-10,320	0,074	0,280
CHR14	8363112	CHR14:8363112	SSF x Far_LoA	-9,862	0,022	0,283

CHR14	8363356	CHR14:8363356	SSF x Far_LoA	-10,540	-0,029	0,308
CHR14	8365263	CHR14:8365263	SSF x Far_LoA	-8,018	0,198	0,270
CHR14	8365271	CHR14:8365271	SSF x Far_LoA	-9,779	-0,085	0,307
CHR14	8365490	CHR14:8365490	SSF x Far_LoA	-11,068	-0,039	0,294
CHR14	8365499	CHR14:8365499	SSF x Far_LoA	-11,502	0,048	0,293
CHR14	8388012	CHR14:8388012	SSF x Far_LoA	-9,732	0,044	0,294
CHR14	8388251	CHR14:8388251	SSF x Far_LoA	-11,921	0,013	0,290
CHR14	8388262	CHR14:8388262	SSF x Far_LoA	-9,358	0,069	0,296
CHR14	8388277	CHR14:8388277	SSF x Far_LoA	-9,071	-0,067	0,283
CHR14	8396378	CHR14:8396378	SSF x Far_LoA	-7,156	0,150	0,288
CHR14	8396382	CHR14:8396382	SSF x Far_LoA	-5,390	0,199	0,282
CHR14	8396585	CHR14:8396585	SSF x Far_LoA	-9,786	0,025	0,297
CHR14	8396594	CHR14:8396594	SSF x Far_LoA	-9,621	0,083	0,290
CHR14	8396646	CHR14:8396646	SSF x Far_LoA	-6,815	-0,174	0,264
CHR14	840626	CHR14:840626	SSF x Far_LoA	-9,157	0,031	0,286
CHR14	840628	CHR14:840628	SSF x Far_LoA	-8,742	-0,105	0,289
CHR14	8408063	CHR14:8408063	SSF x Far_LoA	-7,479	-0,099	0,287
CHR14	8413708	CHR14:8413708	SSF x Far_LoA	-5,453	0,091	0,296
CHR14	8413783	CHR14:8413783	SSF x Far_LoA	-7,465	-0,123	0,283
CHR14	8413787	CHR14:8413787	SSF x Far_LoA	-7,155	-0,078	0,277
CHR14	8413834	CHR14:8413834	SSF x Far_LoA	-10,032	-0,124	0,282
CHR14	8413836	CHR14:8413836	SSF x Far_LoA	-11,342	-0,032	0,301
CHR14	8420302	CHR14:8420302	SSF x Far_LoA	-9,335	0,049	0,296
CHR14	8420334	CHR14:8420334	SSF x Far_LoA	-7,258	0,037	0,300
CHR14	8420476	CHR14:8420476	SSF x Far_LoA	-9,232	0,090	0,275
CHR14	8422882	CHR14:8422882	SSF x Far_LoA	-10,727	0,022	0,289
CHR14	8423144	CHR14:8423144	SSF x Far_LoA	-12,008	-0,033	0,296
CHR14	8427574	CHR14:8427574	SSF x Far_LoA	-8,226	-0,108	0,292
CHR14	843713	CHR14:843713	SSF x Far_LoA	-10,515	0,032	0,283
CHR14	8437837	CHR14:8437837	SSF x Far_LoA	-1,017	0,186	0,283
CHR14	843973	CHR14:843973	SSF x Far_LoA	-8,938	0,058	0,276
CHR14	8440376	CHR14:8440376	SSF x Far_LoA	-10,531	0,000	0,288
CHR14	844094	CHR14:844094	SSF x Far_LoA	-9,203	-0,122	0,288
CHR14	8443633	CHR14:8443633	SSF x Far_LoA	-8,206	-0,169	0,286
CHR14	8443773	CHR14:8443773	SSF x Far_LoA	-9,787	-0,013	0,287
CHR14	8466893	CHR14:8466893	SSF x Far_LoA	-9,841	0,011	0,296
CHR14	8466928	CHR14:8466928	SSF x Far_LoA	-8,723	-0,076	0,278
CHR14	8474261	CHR14:8474261	SSF x Far_LoA	-10,406	0,052	0,299
CHR14	8474333	CHR14:8474333	SSF x Far_LoA	-11,261	0,125	0,279
CHR14	8474358	CHR14:8474358	SSF x Far_LoA	-9,105	-0,076	0,292
CHR14	8478452	CHR14:8478452	SSF x Far_LoA	-9,686	0,004	0,299
CHR14	8478509	CHR14:8478509	SSF x Far_LoA	-11,222	-0,055	0,290
CHR14	8478601	CHR14:8478601	SSF x Far_LoA	-10,432	-0,054	0,283
CHR14	8478615	CHR14:8478615	SSF x Far_LoA	-8,584	0,084	0,301
CHR14	8480061	CHR14:8480061	SSF x Far_LoA	-11,000	-0,055	0,293
CHR14	8480190	CHR14:8480190	SSF x Far_LoA	-10,712	-0,014	0,295
CHR14	8484916	CHR14:8484916	SSF x Far_LoA	-11,230	-0,053	0,287
CHR14	8493990	CHR14:8493990	SSF x Far_LoA	8,273	0,089	0,295
CHR14	8502706	CHR14:8502706	SSF x Far_LoA	-4,530	-0,146	0,278
CHR14	8502714	CHR14:8502714	SSF x Far_LoA	-7,638	-0,107	0,280
CHR14	8504403	CHR14:8504403	SSF x Far_LoA	-10,300	0,092	0,292
CHR14	8504454	CHR14:8504454	SSF x Far_LoA	-3,265	0,089	0,282
CHR14	8504460	CHR14:8504460	SSF x Far_LoA	-9,184	0,104	0,269

CHR14	8504481	CHR14:8504481	SSF x Far_LoA	-7,165	0,084	0,288
CHR14	8504542	CHR14:8504542	SSF x Far_LoA	-7,081	0,121	0,296
CHR14	8504601	CHR14:8504601	SSF x Far_LoA	-8,011	0,029	0,267
CHR14	8504710	CHR14:8504710	SSF x Far_LoA	-8,859	0,042	0,291
CHR14	850935	CHR14:850935	SSF x Far_LoA	-10,107	0,060	0,280
CHR14	850942	CHR14:850942	SSF x Far_LoA	-6,365	0,059	0,299
CHR14	8509613	CHR14:8509613	SSF x Far_LoA	-8,362	-0,109	0,287
CHR14	8509615	CHR14:8509615	SSF x Far_LoA	-9,908	0,131	0,290
CHR14	8509626	CHR14:8509626	SSF x Far_LoA	-8,850	-0,019	0,281
CHR14	8513058	CHR14:8513058	SSF x Far_LoA	-8,884	0,018	0,278
CHR14	8522685	CHR14:8522685	SSF x Far_LoA	-9,535	-0,134	0,286
CHR14	8522765	CHR14:8522765	SSF x Far_LoA	-11,235	0,074	0,303
CHR14	8522985	CHR14:8522985	SSF x Far_LoA	-5,158	-0,146	0,299
CHR14	8523005	CHR14:8523005	SSF x Far_LoA	-9,599	0,030	0,307
CHR14	8545048	CHR14:8545048	SSF x Far_LoA	-9,990	0,096	0,287
CHR14	8545073	CHR14:8545073	SSF x Far_LoA	-8,630	0,138	0,287
CHR14	8545091	CHR14:8545091	SSF x Far_LoA	-9,263	0,016	0,286
CHR14	8545298	CHR14:8545298	SSF x Far_LoA	-11,634	-0,021	0,297
CHR14	8545469	CHR14:8545469	SSF x Far_LoA	-5,129	-0,152	0,285
CHR14	8545496	CHR14:8545496	SSF x Far_LoA	-10,145	0,136	0,282
CHR14	8565104	CHR14:8565104	SSF x Far_LoA	-8,347	-0,101	0,283
CHR14	8565871	CHR14:8565871	SSF x Far_LoA	-10,231	-0,132	0,282
CHR14	8567540	CHR14:8567540	SSF x Far_LoA	-8,896	0,051	0,291
CHR14	8567556	CHR14:8567556	SSF x Far_LoA	-11,612	0,041	0,293
CHR14	8567624	CHR14:8567624	SSF x Far_LoA	-9,224	-0,019	0,302
CHR14	8567718	CHR14:8567718	SSF x Far_LoA	-6,087	-0,128	0,296
CHR14	8567729	CHR14:8567729	SSF x Far_LoA	-8,541	-0,100	0,296
CHR14	8567743	CHR14:8567743	SSF x Far_LoA	-8,523	-0,073	0,297
CHR14	857386	CHR14:857386	SSF x Far_LoA	-10,059	-0,034	0,291
CHR14	8585037	CHR14:8585037	SSF x Far_LoA	-8,765	-0,159	0,286
CHR14	8585044	CHR14:8585044	SSF x Far_LoA	-10,020	0,037	0,282
CHR14	8586095	CHR14:8586095	SSF x Far_LoA	-6,476	-0,076	0,291
CHR14	858984	CHR14:858984	SSF x Far_LoA	-5,831	-0,098	0,304
CHR14	858992	CHR14:858992	SSF x Far_LoA	-8,524	-0,038	0,298
CHR14	859041	CHR14:859041	SSF x Far_LoA	-11,275	0,016	0,288
CHR14	8591227	CHR14:8591227	SSF x Far_LoA	-9,334	-0,055	0,293
CHR14	8591246	CHR14:8591246	SSF x Far_LoA	-11,412	0,012	0,287
CHR14	8591256	CHR14:8591256	SSF x Far_LoA	-11,628	0,027	0,295
CHR14	8591289	CHR14:8591289	SSF x Far_LoA	-10,863	0,013	0,273
CHR14	859299	CHR14:859299	SSF x Far_LoA	-7,408	0,039	0,305
CHR14	8606217	CHR14:8606217	SSF x Far_LoA	-10,138	-0,013	0,303
CHR14	8608894	CHR14:8608894	SSF x Far_LoA	-3,182	0,057	0,277
CHR14	8608896	CHR14:8608896	SSF x Far_LoA	-8,226	-0,035	0,283
CHR14	8608898	CHR14:8608898	SSF x Far_LoA	-8,434	-0,042	0,298
CHR14	8608937	CHR14:8608937	SSF x Far_LoA	-8,697	0,052	0,303
CHR14	8619857	CHR14:8619857	SSF x Far_LoA	-9,753	-0,041	0,289
CHR14	8620405	CHR14:8620405	SSF x Far_LoA	-9,055	-0,063	0,303
CHR14	8620521	CHR14:8620521	SSF x Far_LoA	-9,087	-0,053	0,295
CHR14	8626071	CHR14:8626071	SSF x Far_LoA	-9,337	-0,031	0,294
CHR14	8626235	CHR14:8626235	SSF x Far_LoA	-10,193	0,015	0,302
CHR14	8629486	CHR14:8629486	SSF x Far_LoA	-11,451	-0,044	0,287
CHR14	8629798	CHR14:8629798	SSF x Far_LoA	-10,877	-0,017	0,295
CHR14	8639926	CHR14:8639926	SSF x Far_LoA	-9,816	0,057	0,288

CHR14	8639951	CHR14:8639951	SSF x Far_LoA	-4,689	0,125	0,298
CHR14	8653248	CHR14:8653248	SSF x Far_LoA	-8,549	0,055	0,294
CHR14	8653282	CHR14:8653282	SSF x Far_LoA	-9,394	0,065	0,285
CHR14	8653347	CHR14:8653347	SSF x Far_LoA	-7,769	0,076	0,291
CHR14	8653407	CHR14:8653407	SSF x Far_LoA	-11,308	0,091	0,282
CHR14	8653456	CHR14:8653456	SSF x Far_LoA	-6,877	0,031	0,290
CHR14	8653489	CHR14:8653489	SSF x Far_LoA	-9,319	0,082	0,298
CHR14	8657571	CHR14:8657571	SSF x Far_LoA	-9,123	0,039	0,292
CHR14	8660204	CHR14:8660204	SSF x Far_LoA	-8,187	0,157	0,290
CHR14	868930	CHR14:868930	SSF x Far_LoA	-6,449	0,036	0,299
CHR14	8703407	CHR14:8703407	SSF x Far_LoA	-7,623	-0,074	0,292
CHR14	8703410	CHR14:8703410	SSF x Far_LoA	-10,995	-0,018	0,293
CHR14	8703623	CHR14:8703623	SSF x Far_LoA	-10,664	0,083	0,302
CHR14	8709431	CHR14:8709431	SSF x Far_LoA	-8,588	-0,056	0,282
CHR14	8709491	CHR14:8709491	SSF x Far_LoA	-7,541	0,033	0,291
CHR14	8709500	CHR14:8709500	SSF x Far_LoA	-7,121	0,194	0,290
CHR14	8709525	CHR14:8709525	SSF x Far_LoA	-8,356	0,098	0,290
CHR14	8709587	CHR14:8709587	SSF x Far_LoA	-5,845	0,076	0,296
CHR14	8709589	CHR14:8709589	SSF x Far_LoA	-9,036	0,066	0,282
CHR14	8709693	CHR14:8709693	SSF x Far_LoA	-8,967	0,098	0,283
CHR14	8722133	CHR14:8722133	SSF x Far_LoA	-8,207	-0,124	0,301
CHR14	8738287	CHR14:8738287	SSF x Far_LoA	-8,207	-0,031	0,277
CHR14	8738334	CHR14:8738334	SSF x Far_LoA	-12,201	-0,048	0,298
CHR14	8738350	CHR14:8738350	SSF x Far_LoA	-6,907	0,049	0,287
CHR14	8738391	CHR14:8738391	SSF x Far_LoA	-11,561	-0,044	0,296
CHR14	8738392	CHR14:8738392	SSF x Far_LoA	-6,633	0,057	0,286
CHR14	874980	CHR14:874980	SSF x Far_LoA	-8,920	0,002	0,294
CHR14	874995	CHR14:874995	SSF x Far_LoA	-9,813	-0,005	0,285
CHR14	874996	CHR14:874996	SSF x Far_LoA	-9,039	0,008	0,282
CHR14	875179	CHR14:875179	SSF x Far_LoA	-9,823	-0,017	0,300
CHR14	875182	CHR14:875182	SSF x Far_LoA	-8,772	-0,069	0,299
CHR14	8774916	CHR14:8774916	SSF x Far_LoA	-7,194	0,148	0,288
CHR14	8775005	CHR14:8775005	SSF x Far_LoA	-3,186	-0,198	0,278
CHR14	8775084	CHR14:8775084	SSF x Far_LoA	-11,954	-0,020	0,275
CHR14	8775085	CHR14:8775085	SSF x Far_LoA	-6,841	-0,013	0,304
CHR14	8775106	CHR14:8775106	SSF x Far_LoA	-7,664	0,000	0,301
CHR14	8775110	CHR14:8775110	SSF x Far_LoA	-11,192	0,084	0,266
CHR14	8775155	CHR14:8775155	SSF x Far_LoA	-10,756	0,094	0,283
CHR14	8775211	CHR14:8775211	SSF x Far_LoA	-7,297	0,170	0,283
CHR14	8775260	CHR14:8775260	SSF x Far_LoA	-8,677	-0,098	0,284
CHR14	8785536	CHR14:8785536	SSF x Far_LoA	-10,725	-0,018	0,300
CHR14	8785597	CHR14:8785597	SSF x Far_LoA	-10,650	0,001	0,288
CHR14	8785823	CHR14:8785823	SSF x Far_LoA	-8,319	0,025	0,300
CHR14	8794705	CHR14:8794705	SSF x Far_LoA	-10,835	-0,006	0,293
CHR14	8794913	CHR14:8794913	SSF x Far_LoA	-7,258	-0,161	0,282
CHR14	8797665	CHR14:8797665	SSF x Far_LoA	-10,291	0,023	0,297
CHR14	8797736	CHR14:8797736	SSF x Far_LoA	-7,798	0,077	0,286
CHR14	8804287	CHR14:8804287	SSF x Far_LoA	-11,528	-0,099	0,286
CHR14	8818962	CHR14:8818962	SSF x Far_LoA	-8,035	0,099	0,296
CHR14	8818963	CHR14:8818963	SSF x Far_LoA	-8,109	0,104	0,308
CHR14	8818970	CHR14:8818970	SSF x Far_LoA	-8,577	0,092	0,279
CHR14	8818973	CHR14:8818973	SSF x Far_LoA	-9,826	-0,059	0,307
CHR14	8819012	CHR14:8819012	SSF x Far_LoA	-6,749	0,001	0,305

CHR14	8819108	CHR14:8819108	SSF x Far_LoA	-5,887	0,074	0,308
CHR14	8819143	CHR14:8819143	SSF x Far_LoA	-8,842	-0,020	0,304
CHR14	8825503	CHR14:8825503	SSF x Far_LoA	-8,677	0,046	0,296
CHR14	8825658	CHR14:8825658	SSF x Far_LoA	-7,295	-0,152	0,280
CHR14	8825793	CHR14:8825793	SSF x Far_LoA	-7,976	-0,014	0,298
CHR14	8825796	CHR14:8825796	SSF x Far_LoA	-9,295	-0,015	0,304
CHR14	8829260	CHR14:8829260	SSF x Far_LoA	-8,832	0,074	0,317
CHR14	8829326	CHR14:8829326	SSF x Far_LoA	-7,666	-0,017	0,303
CHR14	8829956	CHR14:8829956	SSF x Far_LoA	-5,352	-0,008	0,300
CHR14	8829981	CHR14:8829981	SSF x Far_LoA	-6,750	-0,036	0,298
CHR14	8830015	CHR14:8830015	SSF x Far_LoA	-10,955	-0,020	0,273
CHR14	8830029	CHR14:8830029	SSF x Far_LoA	-9,120	0,068	0,293
CHR14	8830114	CHR14:8830114	SSF x Far_LoA	-10,104	0,030	0,278
CHR14	8830116	CHR14:8830116	SSF x Far_LoA	-7,679	-0,052	0,289
CHR14	8830195	CHR14:8830195	SSF x Far_LoA	-11,424	0,029	0,289
CHR14	8830204	CHR14:8830204	SSF x Far_LoA	-5,798	-0,202	0,271
CHR14	8837431	CHR14:8837431	SSF x Far_LoA	-9,800	0,058	0,274
CHR14	8837592	CHR14:8837592	SSF x Far_LoA	-8,963	0,082	0,293
CHR14	8837737	CHR14:8837737	SSF x Far_LoA	-8,227	-0,064	0,280
CHR14	8846053	CHR14:8846053	SSF x Far_LoA	-8,976	0,138	0,294
CHR14	8846132	CHR14:8846132	SSF x Far_LoA	-9,282	0,099	0,294
CHR14	8846168	CHR14:8846168	SSF x Far_LoA	-10,369	0,052	0,278
CHR14	8851444	CHR14:8851444	SSF x Far_LoA	-8,037	0,008	0,289
CHR14	8853070	CHR14:8853070	SSF x Far_LoA	-4,015	-0,063	0,292
CHR14	8853083	CHR14:8853083	SSF x Far_LoA	-10,038	-0,060	0,299
CHR14	8858591	CHR14:8858591	SSF x Far_LoA	-8,601	-0,025	0,302
CHR14	8858615	CHR14:8858615	SSF x Far_LoA	-9,555	0,012	0,289
CHR14	8858628	CHR14:8858628	SSF x Far_LoA	-8,455	0,014	0,314
CHR14	8888990	CHR14:8888990	SSF x Far_LoA	-11,373	0,016	0,272
CHR14	8898896	CHR14:8898896	SSF x Far_LoA	-8,860	0,056	0,294
CHR14	891014	CHR14:891014	SSF x Far_LoA	-9,197	0,056	0,299
CHR14	8910486	CHR14:8910486	SSF x Far_LoA	-7,449	-0,053	0,314
CHR14	8910515	CHR14:8910515	SSF x Far_LoA	-7,659	-0,135	0,301
CHR14	8910575	CHR14:8910575	SSF x Far_LoA	-10,263	0,007	0,281
CHR14	8910580	CHR14:8910580	SSF x Far_LoA	-10,990	-0,002	0,286
CHR14	8912002	CHR14:8912002	SSF x Far_LoA	-9,816	0,087	0,287
CHR14	8912019	CHR14:8912019	SSF x Far_LoA	-8,205	-0,048	0,287
CHR14	8912045	CHR14:8912045	SSF x Far_LoA	-7,033	0,037	0,309
CHR14	8912145	CHR14:8912145	SSF x Far_LoA	-1,082	-0,204	0,283
CHR14	891608	CHR14:891608	SSF x Far_LoA	-9,679	0,019	0,277
CHR14	891704	CHR14:891704	SSF x Far_LoA	-9,349	-0,046	0,290
CHR14	891764	CHR14:891764	SSF x Far_LoA	-8,028	0,085	0,283
CHR14	8921083	CHR14:8921083	SSF x Far_LoA	-3,321	0,099	0,287
CHR14	8921268	CHR14:8921268	SSF x Far_LoA	-9,002	0,008	0,288
CHR14	8925925	CHR14:8925925	SSF x Far_LoA	-8,769	0,028	0,300
CHR14	8931241	CHR14:8931241	SSF x Far_LoA	-7,067	-0,116	0,290
CHR14	8952995	CHR14:8952995	SSF x Far_LoA	-9,035	-0,047	0,286
CHR14	8953022	CHR14:8953022	SSF x Far_LoA	-10,245	0,076	0,294
CHR14	8961918	CHR14:8961918	SSF x Far_LoA	-9,707	0,018	0,296
CHR14	896535	CHR14:896535	SSF x Far_LoA	-8,871	0,031	0,286
CHR14	896770	CHR14:896770	SSF x Far_LoA	-9,953	-0,033	0,293
CHR14	896843	CHR14:896843	SSF x Far_LoA	-8,353	0,033	0,307
CHR14	896852	CHR14:896852	SSF x Far_LoA	-9,701	0,019	0,297

CHR14	896897	CHR14:896897	SSF x Far_LoA	-8,842	0,029	0,295
CHR14	8980781	CHR14:8980781	SSF x Far_LoA	-4,159	0,000	0,298
CHR14	8980804	CHR14:8980804	SSF x Far_LoA	-8,597	0,091	0,293
CHR14	8980915	CHR14:8980915	SSF x Far_LoA	-8,390	-0,097	0,286
CHR14	8980944	CHR14:8980944	SSF x Far_LoA	-7,763	-0,044	0,306
CHR14	8980949	CHR14:8980949	SSF x Far_LoA	-7,556	0,028	0,292
CHR14	8980978	CHR14:8980978	SSF x Far_LoA	-6,850	0,006	0,304
CHR14	8980989	CHR14:8980989	SSF x Far_LoA	-8,485	0,039	0,295
CHR14	8988378	CHR14:8988378	SSF x Far_LoA	-8,105	0,129	0,293
CHR14	8988610	CHR14:8988610	SSF x Far_LoA	-7,700	0,002	0,299
CHR14	8988622	CHR14:8988622	SSF x Far_LoA	-6,100	-0,038	0,296
CHR14	8999687	CHR14:8999687	SSF x Far_LoA	-8,748	0,154	0,285
CHR14	8999725	CHR14:8999725	SSF x Far_LoA	-6,708	0,134	0,290
CHR14	8999808	CHR14:8999808	SSF x Far_LoA	-1,684	-0,150	0,286
CHR14	900080	CHR14:900080	SSF x Far_LoA	-7,998	0,095	0,287
CHR14	900230	CHR14:900230	SSF x Far_LoA	-8,550	0,026	0,291
CHR14	900241	CHR14:900241	SSF x Far_LoA	-7,661	0,065	0,302
CHR14	900318	CHR14:900318	SSF x Far_LoA	-7,509	-0,164	0,287
CHR14	900327	CHR14:900327	SSF x Far_LoA	-7,970	0,093	0,292
CHR14	9003715	CHR14:9003715	SSF x Far_LoA	-11,490	0,061	0,293
CHR14	9003825	CHR14:9003825	SSF x Far_LoA	-7,786	0,111	0,301
CHR14	9003864	CHR14:9003864	SSF x Far_LoA	-8,099	0,110	0,293
CHR14	9004939	CHR14:9004939	SSF x Far_LoA	-7,000	-0,152	0,289
CHR14	9007720	CHR14:9007720	SSF x Far_LoA	-6,128	0,152	0,280
CHR14	9008707	CHR14:9008707	SSF x Far_LoA	-6,725	0,178	0,289
CHR14	9012031	CHR14:9012031	SSF x Far_LoA	-7,559	0,045	0,291
CHR14	9018507	CHR14:9018507	SSF x Far_LoA	-8,708	0,064	0,284
CHR14	9018694	CHR14:9018694	SSF x Far_LoA	-11,274	0,046	0,289
CHR14	902821	CHR14:902821	SSF x Far_LoA	-10,616	-0,054	0,310
CHR14	903139	CHR14:903139	SSF x Far_LoA	-9,976	0,039	0,299
CHR14	9031850	CHR14:9031850	SSF x Far_LoA	-10,406	-0,016	0,296
CHR14	9031925	CHR14:9031925	SSF x Far_LoA	-9,848	0,022	0,282
CHR14	9041942	CHR14:9041942	SSF x Far_LoA	-7,385	0,082	0,291
CHR14	9041967	CHR14:9041967	SSF x Far_LoA	-7,958	0,080	0,279
CHR14	9042004	CHR14:9042004	SSF x Far_LoA	-6,874	0,086	0,278
CHR14	9053727	CHR14:9053727	SSF x Far_LoA	-7,626	-0,085	0,297
CHR14	9053748	CHR14:9053748	SSF x Far_LoA	-8,250	-0,030	0,294
CHR14	9053855	CHR14:9053855	SSF x Far_LoA	-8,014	0,007	0,295
CHR14	9091003	CHR14:9091003	SSF x Far_LoA	-7,597	0,128	0,293
CHR14	9107026	CHR14:9107026	SSF x Far_LoA	-10,015	0,031	0,292
CHR14	9120349	CHR14:9120349	SSF x Far_LoA	-8,247	-0,041	0,291
CHR14	9120429	CHR14:9120429	SSF x Far_LoA	-11,191	-0,079	0,277
CHR14	9120631	CHR14:9120631	SSF x Far_LoA	-8,667	-0,069	0,290
CHR14	9121331	CHR14:9121331	SSF x Far_LoA	-9,296	-0,097	0,285
CHR14	9121465	CHR14:9121465	SSF x Far_LoA	-10,572	-0,038	0,289
CHR14	9121476	CHR14:9121476	SSF x Far_LoA	-9,806	0,033	0,295
CHR14	9121481	CHR14:9121481	SSF x Far_LoA	-11,087	-0,057	0,276
CHR14	9121533	CHR14:9121533	SSF x Far_LoA	-10,744	-0,049	0,288
CHR14	9138476	CHR14:9138476	SSF x Far_LoA	-9,175	-0,060	0,271
CHR14	9138480	CHR14:9138480	SSF x Far_LoA	-8,934	0,047	0,302
CHR14	9138513	CHR14:9138513	SSF x Far_LoA	-10,531	-0,047	0,290
CHR14	9145538	CHR14:9145538	SSF x Far_LoA	-10,071	-0,063	0,276
CHR14	9145550	CHR14:9145550	SSF x Far_LoA	-11,148	0,045	0,281

CHR14	9145552	CHR14:9145552	SSF x Far_LoA	-10,183	-0,004	0,280
CHR14	9145653	CHR14:9145653	SSF x Far_LoA	-10,318	0,003	0,295
CHR14	9145698	CHR14:9145698	SSF x Far_LoA	-9,347	-0,004	0,305
CHR14	9145781	CHR14:9145781	SSF x Far_LoA	-9,289	0,026	0,288
CHR14	9145784	CHR14:9145784	SSF x Far_LoA	3,370	-0,011	0,294
CHR14	9145788	CHR14:9145788	SSF x Far_LoA	-8,281	-0,014	0,289
CHR14	9153546	CHR14:9153546	SSF x Far_LoA	-9,804	-0,022	0,274
CHR14	9153605	CHR14:9153605	SSF x Far_LoA	-6,677	0,023	0,285
CHR14	9153620	CHR14:9153620	SSF x Far_LoA	-10,315	0,045	0,283
CHR14	9153674	CHR14:9153674	SSF x Far_LoA	-9,669	0,017	0,292
CHR14	9153705	CHR14:9153705	SSF x Far_LoA	-8,443	-0,062	0,294
CHR14	917859	CHR14:917859	SSF x Far_LoA	-10,191	-0,065	0,293
CHR14	9199522	CHR14:9199522	SSF x Far_LoA	-10,212	0,002	0,281
CHR14	9199566	CHR14:9199566	SSF x Far_LoA	-8,729	-0,059	0,290
CHR14	9199615	CHR14:9199615	SSF x Far_LoA	-11,123	0,083	0,291
CHR14	9203481	CHR14:9203481	SSF x Far_LoA	-7,784	0,011	0,300
CHR14	9203581	CHR14:9203581	SSF x Far_LoA	-9,404	-0,001	0,298
CHR14	9203628	CHR14:9203628	SSF x Far_LoA	-9,192	-0,001	0,296
CHR14	9203680	CHR14:9203680	SSF x Far_LoA	-9,236	0,014	0,308
CHR14	9213323	CHR14:9213323	SSF x Far_LoA	-9,031	-0,091	0,265
CHR14	9213367	CHR14:9213367	SSF x Far_LoA	-8,054	-0,095	0,270
CHR14	9213441	CHR14:9213441	SSF x Far_LoA	-8,049	-0,025	0,269
CHR14	9217607	CHR14:9217607	SSF x Far_LoA	-7,796	-0,030	0,308
CHR14	9219000	CHR14:9219000	SSF x Far_LoA	-8,938	-0,034	0,284
CHR14	9219032	CHR14:9219032	SSF x Far_LoA	-9,468	-0,121	0,269
CHR14	9221025	CHR14:9221025	SSF x Far_LoA	-11,642	0,116	0,283
CHR14	9221028	CHR14:9221028	SSF x Far_LoA	-7,474	0,143	0,286
CHR14	9221064	CHR14:9221064	SSF x Far_LoA	-8,828	0,125	0,285
CHR14	9221088	CHR14:9221088	SSF x Far_LoA	-9,587	0,142	0,282
CHR14	9229849	CHR14:9229849	SSF x Far_LoA	-10,466	0,039	0,290
CHR14	9251351	CHR14:9251351	SSF x Far_LoA	-7,495	0,098	0,291
CHR14	9251400	CHR14:9251400	SSF x Far_LoA	-7,617	-0,162	0,290
CHR14	9252455	CHR14:9252455	SSF x Far_LoA	-8,719	-0,033	0,298
CHR14	9254416	CHR14:9254416	SSF x Far_LoA	-9,606	-0,129	0,294
CHR14	9254476	CHR14:9254476	SSF x Far_LoA	-8,782	-0,130	0,308
CHR14	9259782	CHR14:9259782	SSF x Far_LoA	-8,741	0,048	0,278
CHR14	9259811	CHR14:9259811	SSF x Far_LoA	-9,063	-0,011	0,280
CHR14	9260893	CHR14:9260893	SSF x Far_LoA	-8,774	0,026	0,290
CHR14	926300	CHR14:926300	SSF x Far_LoA	-11,791	0,022	0,287
CHR14	926587	CHR14:926587	SSF x Far_LoA	-8,507	-0,092	0,297
CHR14	9270103	CHR14:9270103	SSF x Far_LoA	-9,310	0,037	0,295
CHR14	9273740	CHR14:9273740	SSF x Far_LoA	-11,058	0,012	0,294
CHR14	9273943	CHR14:9273943	SSF x Far_LoA	-10,267	-0,086	0,302
CHR14	9273945	CHR14:9273945	SSF x Far_LoA	-9,846	-0,103	0,293
CHR14	9273953	CHR14:9273953	SSF x Far_LoA	-8,017	-0,073	0,297
CHR14	9273968	CHR14:9273968	SSF x Far_LoA	-10,481	-0,007	0,297
CHR14	9280923	CHR14:9280923	SSF x Far_LoA	-9,641	-0,027	0,287
CHR14	9291780	CHR14:9291780	SSF x Far_LoA	-4,257	0,126	0,278
CHR14	9299772	CHR14:9299772	SSF x Far_LoA	-8,624	0,143	0,287
CHR14	9302439	CHR14:9302439	SSF x Far_LoA	-11,693	-0,048	0,302
CHR14	9302566	CHR14:9302566	SSF x Far_LoA	-11,398	-0,059	0,283
CHR14	9302641	CHR14:9302641	SSF x Far_LoA	-10,230	0,119	0,285
CHR14	9310040	CHR14:9310040	SSF x Far_LoA	-10,719	-0,015	0,305

CHR14	9326831	CHR14:9326831	SSF x Far_LoA	-10,154	0,024	0,288
CHR14	9335569	CHR14:9335569	SSF x Far_LoA	-10,872	0,083	0,275
CHR14	9340374	CHR14:9340374	SSF x Far_LoA	-11,330	-0,033	0,290
CHR14	9340609	CHR14:9340609	SSF x Far_LoA	-9,098	-0,063	0,297
CHR14	935290	CHR14:935290	SSF x Far_LoA	-7,973	-0,077	0,275
CHR14	935324	CHR14:935324	SSF x Far_LoA	-10,952	-0,024	0,296
CHR14	935517	CHR14:935517	SSF x Far_LoA	-9,290	-0,045	0,303
CHR14	9367071	CHR14:9367071	SSF x Far_LoA	-8,562	-0,053	0,291
CHR14	9367103	CHR14:9367103	SSF x Far_LoA	-6,975	-0,036	0,313
CHR14	937694	CHR14:937694	SSF x Far_LoA	-11,210	-0,056	0,299
CHR14	937712	CHR14:937712	SSF x Far_LoA	-8,971	0,121	0,284
CHR14	937732	CHR14:937732	SSF x Far_LoA	4,770	0,213	0,286
CHR14	937777	CHR14:937777	SSF x Far_LoA	-6,564	-0,151	0,282
CHR14	938093	CHR14:938093	SSF x Far_LoA	-5,472	0,203	0,292
CHR14	9412196	CHR14:9412196	SSF x Far_LoA	-10,834	0,065	0,287
CHR14	9412298	CHR14:9412298	SSF x Far_LoA	-10,499	0,063	0,284
CHR14	9412321	CHR14:9412321	SSF x Far_LoA	-9,565	0,074	0,295
CHR14	9420178	CHR14:9420178	SSF x Far_LoA	-8,462	0,051	0,289
CHR14	9421345	CHR14:9421345	SSF x Far_LoA	-8,585	-0,152	0,289
CHR14	9421353	CHR14:9421353	SSF x Far_LoA	-10,908	0,021	0,294
CHR14	9421403	CHR14:9421403	SSF x Far_LoA	-9,927	-0,158	0,280
CHR14	9446365	CHR14:9446365	SSF x Far_LoA	-7,419	-0,131	0,286
CHR14	9447850	CHR14:9447850	SSF x Far_LoA	-10,281	-0,015	0,278
CHR14	9473644	CHR14:9473644	SSF x Far_LoA	-7,401	-0,021	0,290
CHR14	9473737	CHR14:9473737	SSF x Far_LoA	-8,794	-0,017	0,296
CHR14	9479107	CHR14:9479107	SSF x Far_LoA	-10,178	0,087	0,297
CHR14	9485900	CHR14:9485900	SSF x Far_LoA	-11,542	0,005	0,291
CHR14	9485908	CHR14:9485908	SSF x Far_LoA	-9,448	-0,073	0,289
CHR14	9489794	CHR14:9489794	SSF x Far_LoA	-5,036	0,002	0,283
CHR14	9500008	CHR14:9500008	SSF x Far_LoA	-10,737	0,063	0,283
CHR14	9500100	CHR14:9500100	SSF x Far_LoA	-12,259	-0,032	0,283
CHR14	9500263	CHR14:9500263	SSF x Far_LoA	-10,365	-0,051	0,301
CHR14	9500365	CHR14:9500365	SSF x Far_LoA	-7,733	-0,128	0,298
CHR14	9500366	CHR14:9500366	SSF x Far_LoA	-9,302	-0,082	0,298
CHR14	9505222	CHR14:9505222	SSF x Far_LoA	-10,449	-0,020	0,297
CHR14	9523371	CHR14:9523371	SSF x Far_LoA	-8,542	-0,122	0,278
CHR14	9523409	CHR14:9523409	SSF x Far_LoA	-10,479	0,034	0,291
CHR14	9523418	CHR14:9523418	SSF x Far_LoA	-8,759	-0,030	0,302
CHR14	9525500	CHR14:9525500	SSF x Far_LoA	-9,975	-0,069	0,299
CHR14	9525797	CHR14:9525797	SSF x Far_LoA	-6,910	-0,140	0,298
CHR14	955242	CHR14:955242	SSF x Far_LoA	-8,607	-0,177	0,277
CHR14	9563792	CHR14:9563792	SSF x Far_LoA	-9,107	0,014	0,297
CHR14	9564028	CHR14:9564028	SSF x Far_LoA	-6,850	0,130	0,284
CHR14	9564038	CHR14:9564038	SSF x Far_LoA	3,912	0,108	0,289
CHR14	9576662	CHR14:9576662	SSF x Far_LoA	-8,669	0,042	0,293
CHR14	9576824	CHR14:9576824	SSF x Far_LoA	-6,340	-0,065	0,291
CHR14	9576862	CHR14:9576862	SSF x Far_LoA	-8,411	-0,096	0,281
CHR14	9576876	CHR14:9576876	SSF x Far_LoA	-6,349	0,087	0,292
CHR14	9576955	CHR14:9576955	SSF x Far_LoA	-10,942	0,016	0,290
CHR14	9586239	CHR14:9586239	SSF x Far_LoA	-10,634	-0,099	0,290
CHR14	9586357	CHR14:9586357	SSF x Far_LoA	-10,298	-0,092	0,302
CHR14	9586451	CHR14:9586451	SSF x Far_LoA	-9,602	-0,067	0,302
CHR14	9586656	CHR14:9586656	SSF x Far_LoA	-8,140	-0,081	0,301

CHR14	9617779	CHR14:9617779	SSF x Far_LoA	-9,843	-0,032	0,286
CHR14	9617995	CHR14:9617995	SSF x Far_LoA	-8,232	-0,053	0,292
CHR14	9621009	CHR14:9621009	SSF x Far_LoA	-8,043	-0,101	0,297
CHR14	962205	CHR14:962205	SSF x Far_LoA	-8,913	0,045	0,302
CHR14	962402	CHR14:962402	SSF x Far_LoA	-8,328	-0,133	0,299
CHR14	9626007	CHR14:9626007	SSF x Far_LoA	-9,641	-0,073	0,298
CHR14	9649193	CHR14:9649193	SSF x Far_LoA	-9,285	0,031	0,282
CHR14	9649221	CHR14:9649221	SSF x Far_LoA	-2,852	0,090	0,287
CHR14	9649356	CHR14:9649356	SSF x Far_LoA	-10,866	0,012	0,301
CHR14	9663165	CHR14:9663165	SSF x Far_LoA	-9,613	-0,127	0,279
CHR14	975818	CHR14:975818	SSF x Far_LoA	-8,345	-0,139	0,282
CHR14	975882	CHR14:975882	SSF x Far_LoA	-10,622	0,051	0,300
CHR14	9777184	CHR14:9777184	SSF x Far_LoA	-9,837	0,027	0,311
CHR14	9788678	CHR14:9788678	SSF x Far_LoA	-11,597	0,005	0,295
CHR14	9788854	CHR14:9788854	SSF x Far_LoA	-10,969	0,126	0,266
CHR14	9821039	CHR14:9821039	SSF x Far_LoA	-6,479	-0,073	0,293
CHR14	9821135	CHR14:9821135	SSF x Far_LoA	0,478	0,006	0,289
CHR14	9830820	CHR14:9830820	SSF x Far_LoA	-9,450	-0,028	0,296
CHR14	9830863	CHR14:9830863	SSF x Far_LoA	-9,064	-0,001	0,280
CHR14	9831000	CHR14:9831000	SSF x Far_LoA	-8,001	0,063	0,292
CHR14	9831065	CHR14:9831065	SSF x Far_LoA	-5,971	0,099	0,297
CHR14	9862131	CHR14:9862131	SSF x Far_LoA	-8,647	0,005	0,296
CHR14	9862241	CHR14:9862241	SSF x Far_LoA	-6,184	-0,153	0,270
CHR14	9862376	CHR14:9862376	SSF x Far_LoA	-7,811	0,078	0,289
CHR14	9866152	CHR14:9866152	SSF x Far_LoA	-8,678	0,172	0,276
CHR14	9866215	CHR14:9866215	SSF x Far_LoA	-8,785	0,066	0,298
CHR14	9866277	CHR14:9866277	SSF x Far_LoA	-8,251	-0,053	0,293
CHR14	9866317	CHR14:9866317	SSF x Far_LoA	-11,564	-0,053	0,291
CHR14	9878175	CHR14:9878175	SSF x Far_LoA	-7,620	0,051	0,309
CHR14	9878179	CHR14:9878179	SSF x Far_LoA	-10,236	-0,043	0,288
CHR14	9878225	CHR14:9878225	SSF x Far_LoA	-9,014	0,005	0,304
CHR14	9880946	CHR14:9880946	SSF x Far_LoA	-10,006	-0,040	0,286
CHR14	9881008	CHR14:9881008	SSF x Far_LoA	-9,907	-0,043	0,277
CHR14	9883604	CHR14:9883604	SSF x Far_LoA	-9,798	0,035	0,290
CHR14	9883674	CHR14:9883674	SSF x Far_LoA	-8,793	-0,071	0,291
CHR14	9883714	CHR14:9883714	SSF x Far_LoA	-6,266	0,212	0,264
CHR14	9901789	CHR14:9901789	SSF x Far_LoA	-8,381	-0,104	0,294
CHR14	9909675	CHR14:9909675	SSF x Far_LoA	-8,092	0,008	0,300
CHR14	9909677	CHR14:9909677	SSF x Far_LoA	-5,459	-0,016	0,301
CHR14	9909705	CHR14:9909705	SSF x Far_LoA	-9,329	-0,040	0,281
CHR14	9909713	CHR14:9909713	SSF x Far_LoA	-9,348	-0,036	0,274
CHR14	9909741	CHR14:9909741	SSF x Far_LoA	-9,235	-0,037	0,307
CHR14	9909849	CHR14:9909849	SSF x Far_LoA	-4,948	-0,038	0,289
CHR14	9909875	CHR14:9909875	SSF x Far_LoA	-10,864	0,030	0,301
CHR14	9909879	CHR14:9909879	SSF x Far_LoA	-9,220	-0,039	0,278
CHR14	9909906	CHR14:9909906	SSF x Far_LoA	-9,336	-0,044	0,284
CHR14	9929251	CHR14:9929251	SSF x Far_LoA	-11,112	0,013	0,295
CHR14	9929617	CHR14:9929617	SSF x Far_LoA	-8,856	-0,068	0,289
CHR14	9932011	CHR14:9932011	SSF x Far_LoA	-8,121	0,083	0,286
CHR14	9932063	CHR14:9932063	SSF x Far_LoA	-8,934	0,133	0,294
CHR14	9934606	CHR14:9934606	SSF x Far_LoA	-11,159	-0,076	0,295
CHR14	9934663	CHR14:9934663	SSF x Far_LoA	-7,096	0,091	0,291
CHR14	9934707	CHR14:9934707	SSF x Far_LoA	-7,342	0,198	0,289

CHR14	9934715	CHR14:9934715	SSF x Far_LoA	-8,104	0,012	0,286
CHR14	9934827	CHR14:9934827	SSF x Far_LoA	-8,838	-0,010	0,297
CHR14	9934849	CHR14:9934849	SSF x Far_LoA	-9,582	0,065	0,288
CHR14	9934951	CHR14:9934951	SSF x Far_LoA	-9,819	0,031	0,297
CHR14	9940942	CHR14:9940942	SSF x Far_LoA	-8,036	0,026	0,303
CHR14	9940964	CHR14:9940964	SSF x Far_LoA	-9,504	0,097	0,275
CHR14	9941121	CHR14:9941121	SSF x Far_LoA	-9,891	0,033	0,287
CHR14	9947992	CHR14:9947992	SSF x Far_LoA	-3,487	0,016	0,295
CHR14	9948182	CHR14:9948182	SSF x Far_LoA	-9,070	-0,026	0,298
CHR14	9948194	CHR14:9948194	SSF x Far_LoA	-8,163	-0,036	0,298
CHR14	9972195	CHR14:9972195	SSF x Far_LoA	2,699	-0,140	0,278
CHR14	9974108	CHR14:9974108	SSF x Far_LoA	-9,212	-0,104	0,287
CHR14	9978089	CHR14:9978089	SSF x Far_LoA	-7,554	-0,202	0,274
CHR14	9978268	CHR14:9978268	SSF x Far_LoA	-7,067	-0,135	0,278
CHR14	9991965	CHR14:9991965	SSF x Far_LoA	-10,826	0,089	0,295
CHR14	9992109	CHR14:9992109	SSF x Far_LoA	-10,910	-0,069	0,296
CHR14	9992154	CHR14:9992154	SSF x Far_LoA	-7,326	-0,143	0,279
CHR15	1E+07	CHR15:1001306[illegible]	SSF x Far_LoA	-9,452	-0,058	0,287
CHR15	1E+07	CHR15:1001322[illegible]	SSF x Far_LoA	-9,252	-0,100	0,272
CHR15	1E+07	CHR15:1002681[illegible]	SSF x Far_LoA	-5,338	-0,113	0,288
CHR15	1E+07	CHR15:1002687[illegible]	SSF x Far_LoA	-10,965	-0,079	0,294
CHR15	1E+07	CHR15:1002692[illegible]	SSF x Far_LoA	-10,381	-0,017	0,287
CHR15	1E+07	CHR15:1002692[illegible]	SSF x Far_LoA	-10,426	-0,031	0,268
CHR15	1E+07	CHR15:1002693[illegible]	SSF x Far_LoA	-10,472	0,002	0,283
CHR15	1E+07	CHR15:1003189[illegible]	SSF x Far_LoA	-8,520	-0,003	0,301
CHR15	1E+07	CHR15:1003190[illegible]	SSF x Far_LoA	-7,958	0,004	0,295
CHR15	1E+07	CHR15:1003194[illegible]	SSF x Far_LoA	-3,109	-0,226	0,270
CHR15	1E+07	CHR15:1003714[illegible]	SSF x Far_LoA	6,472	-0,001	0,292
CHR15	1E+07	CHR15:1006141[illegible]	SSF x Far_LoA	-9,101	0,050	0,292
CHR15	1E+07	CHR15:1006169[illegible]	SSF x Far_LoA	-10,084	0,053	0,279
CHR15	1E+07	CHR15:1006170[illegible]	SSF x Far_LoA	-9,237	0,066	0,288
CHR15	1E+07	CHR15:1006171[illegible]	SSF x Far_LoA	-8,843	0,073	0,292
CHR15	1E+07	CHR15:1006171[illegible]	SSF x Far_LoA	-10,196	0,088	0,279
CHR15	1E+07	CHR15:1007823[illegible]	SSF x Far_LoA	-8,954	0,007	0,295
CHR15	1E+07	CHR15:1008550[illegible]	SSF x Far_LoA	-7,625	-0,116	0,287
CHR15	1E+07	CHR15:1008571[illegible]	SSF x Far_LoA	-8,799	0,189	0,274
CHR15	1E+07	CHR15:1008831[illegible]	SSF x Far_LoA	-8,928	-0,088	0,275
CHR15	1E+07	CHR15:1008857[illegible]	SSF x Far_LoA	-9,687	-0,059	0,311
CHR15	1E+07	CHR15:1008862[illegible]	SSF x Far_LoA	-9,496	-0,047	0,296
CHR15	1E+07	CHR15:1009111[illegible]	SSF x Far_LoA	-9,240	0,051	0,285
CHR15	1E+07	CHR15:1010173[illegible]	SSF x Far_LoA	-7,493	-0,096	0,293
CHR15	1E+07	CHR15:1010189[illegible]	SSF x Far_LoA	-8,870	-0,096	0,294
CHR15	1E+07	CHR15:1010192[illegible]	SSF x Far_LoA	-11,867	-0,034	0,295
CHR15	1E+07	CHR15:1010204[illegible]	SSF x Far_LoA	-10,049	-0,006	0,295
CHR15	1E+07	CHR15:1010646[illegible]	SSF x Far_LoA	-9,472	-0,085	0,296
CHR15	1E+07	CHR15:1013795[illegible]	SSF x Far_LoA	-9,245	-0,047	0,297
CHR15	1E+07	CHR15:1013903[illegible]	SSF x Far_LoA	0,784	0,063	0,294
CHR15	1E+07	CHR15:1014847[illegible]	SSF x Far_LoA	-6,307	0,045	0,286
CHR15	1E+07	CHR15:1014848[illegible]	SSF x Far_LoA	-9,596	-0,031	0,279
CHR15	1E+07	CHR15:1014856[illegible]	SSF x Far_LoA	-7,572	-0,092	0,294
CHR15	1E+07	CHR15:1016501[illegible]	SSF x Far_LoA	-8,832	0,119	0,285
CHR15	1E+07	CHR15:1016509[illegible]	SSF x Far_LoA	-11,624	-0,044	0,277
CHR15	1E+07	CHR15:1016529[illegible]	SSF x Far_LoA	-7,518	0,101	0,288

CHR15	1E+07	CHR15:10165332	SSF x Far_LoA	-8,225	0,064	0,291
CHR15	1E+07	CHR15:10165362	SSF x Far_LoA	-6,668	0,153	0,273
CHR15	1021992	CHR15:1021992	SSF x Far_LoA	-9,963	-0,140	0,273
CHR15	1022277	CHR15:1022277	SSF x Far_LoA	1,162	-0,054	0,288
CHR15	1E+07	CHR15:10226484	SSF x Far_LoA	-10,577	0,020	0,296
CHR15	1E+07	CHR15:10230960	SSF x Far_LoA	-9,399	-0,012	0,304
CHR15	1E+07	CHR15:10231052	SSF x Far_LoA	-9,078	0,033	0,294
CHR15	1E+07	CHR15:10231147	SSF x Far_LoA	-5,685	-0,183	0,281
CHR15	1E+07	CHR15:10232564	SSF x Far_LoA	-9,686	-0,024	0,299
CHR15	1E+07	CHR15:10232638	SSF x Far_LoA	-10,076	0,034	0,277
CHR15	1E+07	CHR15:10280359	SSF x Far_LoA	-10,822	0,021	0,283
CHR15	1E+07	CHR15:10280363	SSF x Far_LoA	-8,417	0,004	0,302
CHR15	1E+07	CHR15:10280380	SSF x Far_LoA	-11,359	-0,029	0,289
CHR15	1E+07	CHR15:10280453	SSF x Far_LoA	-10,970	0,002	0,288
CHR15	1E+07	CHR15:10280554	SSF x Far_LoA	-8,554	-0,104	0,272
CHR15	1E+07	CHR15:10284100	SSF x Far_LoA	-11,405	-0,084	0,285
CHR15	1E+07	CHR15:10289487	SSF x Far_LoA	-8,797	0,115	0,291
CHR15	1E+07	CHR15:10289507	SSF x Far_LoA	-6,906	0,155	0,283
CHR15	1E+07	CHR15:10289514	SSF x Far_LoA	-7,806	-0,067	0,306
CHR15	1E+07	CHR15:10289542	SSF x Far_LoA	-9,025	0,122	0,281
CHR15	1E+07	CHR15:10300104	SSF x Far_LoA	-10,400	0,007	0,288
CHR15	1E+07	CHR15:10300123	SSF x Far_LoA	-10,917	-0,029	0,292
CHR15	1E+07	CHR15:10300126	SSF x Far_LoA	-8,730	-0,014	0,294
CHR15	1E+07	CHR15:10300178	SSF x Far_LoA	-6,888	-0,065	0,287
CHR15	1E+07	CHR15:10300180	SSF x Far_LoA	-9,581	-0,080	0,304
CHR15	1E+07	CHR15:10300194	SSF x Far_LoA	-9,441	0,028	0,293
CHR15	1E+07	CHR15:10300207	SSF x Far_LoA	-11,144	-0,078	0,294
CHR15	1E+07	CHR15:10322339	SSF x Far_LoA	-9,527	-0,044	0,288
CHR15	1E+07	CHR15:10335052	SSF x Far_LoA	-8,543	-0,008	0,302
CHR15	1034380	CHR15:1034380	SSF x Far_LoA	-3,913	0,034	0,287
CHR15	1034504	CHR15:1034504	SSF x Far_LoA	-8,466	0,006	0,297
CHR15	1034519	CHR15:1034519	SSF x Far_LoA	-5,232	0,181	0,290
CHR15	1E+07	CHR15:10346232	SSF x Far_LoA	-6,653	-0,110	0,284
CHR15	1E+07	CHR15:10346262	SSF x Far_LoA	-9,291	0,031	0,286
CHR15	1E+07	CHR15:10348239	SSF x Far_LoA	-7,683	-0,054	0,287
CHR15	1E+07	CHR15:10370251	SSF x Far_LoA	-10,745	-0,021	0,290
CHR15	1E+07	CHR15:10384194	SSF x Far_LoA	-10,770	-0,042	0,289
CHR15	1E+07	CHR15:10393029	SSF x Far_LoA	-8,463	0,031	0,294
CHR15	1040717	CHR15:1040717	SSF x Far_LoA	-7,324	0,122	0,286
CHR15	1040727	CHR15:1040727	SSF x Far_LoA	-8,040	0,109	0,300
CHR15	1E+07	CHR15:10407791	SSF x Far_LoA	-8,480	0,010	0,277
CHR15	1E+07	CHR15:10407812	SSF x Far_LoA	-11,293	-0,006	0,282
CHR15	1040841	CHR15:1040841	SSF x Far_LoA	-9,636	0,103	0,287
CHR15	1040906	CHR15:1040906	SSF x Far_LoA	-8,809	0,097	0,282
CHR15	1E+07	CHR15:10413554	SSF x Far_LoA	-8,934	0,009	0,287
CHR15	1E+07	CHR15:10425312	SSF x Far_LoA	-4,563	0,177	0,264
CHR15	1E+07	CHR15:10435835	SSF x Far_LoA	-10,106	0,027	0,294
CHR15	1E+07	CHR15:10435978	SSF x Far_LoA	-10,562	0,058	0,299
CHR15	1E+07	CHR15:10440640	SSF x Far_LoA	-8,760	0,047	0,284
CHR15	1E+07	CHR15:10443227	SSF x Far_LoA	-9,061	-0,012	0,291
CHR15	1E+07	CHR15:10443282	SSF x Far_LoA	-10,120	-0,021	0,297
CHR15	1E+07	CHR15:10444981	SSF x Far_LoA	-7,546	-0,029	0,289
CHR15	1E+07	CHR15:10445498	SSF x Far_LoA	-7,340	0,081	0,285

CHR15	1E+07	CHR15:10448564	SSF x Far_LoA	-1,716	-0,032	0,300
CHR15	1E+07	CHR15:10455027	SSF x Far_LoA	-7,502	0,065	0,297
CHR15	1E+07	CHR15:10455043	SSF x Far_LoA	-8,763	-0,052	0,301
CHR15	1E+07	CHR15:10463993	SSF x Far_LoA	-9,444	-0,034	0,269
CHR15	1E+07	CHR15:10471101	SSF x Far_LoA	-10,472	-0,063	0,277
CHR15	10515647	CHR15:10515647	SSF x Far_LoA	-6,953	0,024	0,296
CHR15	10515702	CHR15:10515702	SSF x Far_LoA	-9,068	-0,003	0,295
CHR15	10515774	CHR15:10515774	SSF x Far_LoA	-9,295	-0,015	0,285
CHR15	10538306	CHR15:10538306	SSF x Far_LoA	-10,996	0,056	0,274
CHR15	10538355	CHR15:10538355	SSF x Far_LoA	-2,907	0,121	0,290
CHR15	10538368	CHR15:10538368	SSF x Far_LoA	-9,465	-0,001	0,302
CHR15	10540354	CHR15:10540354	SSF x Far_LoA	-9,569	0,012	0,284
CHR15	10540376	CHR15:10540376	SSF x Far_LoA	-10,088	-0,057	0,292
CHR15	10547021	CHR15:10547021	SSF x Far_LoA	-8,744	0,121	0,294
CHR15	10547171	CHR15:10547171	SSF x Far_LoA	-10,213	-0,012	0,292
CHR15	10549906	CHR15:10549906	SSF x Far_LoA	-10,362	0,005	0,285
CHR15	10549924	CHR15:10549924	SSF x Far_LoA	-7,095	-0,144	0,290
CHR15	10551984	CHR15:10551984	SSF x Far_LoA	-8,716	-0,047	0,284
CHR15	10557683	CHR15:10557683	SSF x Far_LoA	-6,047	-0,036	0,293
CHR15	10557807	CHR15:10557807	SSF x Far_LoA	-10,886	0,072	0,288
CHR15	10557860	CHR15:10557860	SSF x Far_LoA	-8,352	0,005	0,272
CHR15	10561480	CHR15:10561480	SSF x Far_LoA	-11,124	0,062	0,299
CHR15	10561503	CHR15:10561503	SSF x Far_LoA	-11,266	0,009	0,291
CHR15	10561504	CHR15:10561504	SSF x Far_LoA	-9,833	-0,008	0,294
CHR15	10562861	CHR15:10562861	SSF x Far_LoA	-8,685	-0,170	0,287
CHR15	10562914	CHR15:10562914	SSF x Far_LoA	-9,881	-0,042	0,281
CHR15	10563040	CHR15:10563040	SSF x Far_LoA	-5,634	0,016	0,299
CHR15	10569387	CHR15:10569387	SSF x Far_LoA	-7,718	0,045	0,273
CHR15	10569731	CHR15:10569731	SSF x Far_LoA	-9,695	-0,075	0,276
CHR15	10590173	CHR15:10590173	SSF x Far_LoA	-8,023	-0,068	0,292
CHR15	10590178	CHR15:10590178	SSF x Far_LoA	-6,746	-0,091	0,295
CHR15	10595361	CHR15:10595361	SSF x Far_LoA	-10,185	0,076	0,297
CHR15	10595398	CHR15:10595398	SSF x Far_LoA	-7,018	0,025	0,292
CHR15	10595449	CHR15:10595449	SSF x Far_LoA	-10,054	0,011	0,292
CHR15	10595606	CHR15:10595606	SSF x Far_LoA	-6,114	-0,143	0,300
CHR15	10597176	CHR15:10597176	SSF x Far_LoA	-8,994	-0,028	0,311
CHR15	10600716	CHR15:10600716	SSF x Far_LoA	-10,996	0,123	0,267
CHR15	10630669	CHR15:10630669	SSF x Far_LoA	-3,341	0,185	0,283
CHR15	10630885	CHR15:10630885	SSF x Far_LoA	-9,315	0,119	0,273
CHR15	10639017	CHR15:10639017	SSF x Far_LoA	-9,458	-0,049	0,290
CHR15	10639078	CHR15:10639078	SSF x Far_LoA	-9,728	-0,063	0,296
CHR15	10639190	CHR15:10639190	SSF x Far_LoA	-8,193	-0,116	0,285
CHR15	10639314	CHR15:10639314	SSF x Far_LoA	-9,001	0,000	0,302
CHR15	10645531	CHR15:10645531	SSF x Far_LoA	-10,303	0,005	0,292
CHR15	10645778	CHR15:10645778	SSF x Far_LoA	-8,530	-0,163	0,296
CHR15	10647109	CHR15:10647109	SSF x Far_LoA	-5,062	0,110	0,279
CHR15	10647170	CHR15:10647170	SSF x Far_LoA	-8,661	0,085	0,269
CHR15	10653035	CHR15:10653035	SSF x Far_LoA	-10,543	-0,104	0,281
CHR15	10653047	CHR15:10653047	SSF x Far_LoA	-6,076	-0,013	0,298
CHR15	10672572	CHR15:10672572	SSF x Far_LoA	-8,637	-0,063	0,296
CHR15	10672603	CHR15:10672603	SSF x Far_LoA	-10,387	-0,105	0,289
CHR15	10672790	CHR15:10672790	SSF x Far_LoA	-8,588	0,013	0,299
CHR15	10672834	CHR15:10672834	SSF x Far_LoA	-6,868	-0,137	0,307

CHR15	10672857	CHR15:10672857	SSF x Far_LoA	-9,625	-0,017	0,311
CHR15	10672860	CHR15:10672860	SSF x Far_LoA	-8,675	0,006	0,286
CHR15	10672900	CHR15:10672900	SSF x Far_LoA	-10,116	-0,044	0,291
CHR15	10693164	CHR15:10693164	SSF x Far_LoA	-8,964	-0,056	0,293
CHR15	10693228	CHR15:10693228	SSF x Far_LoA	-8,264	-0,009	0,300
CHR15	10724364	CHR15:10724364	SSF x Far_LoA	2,324	0,055	0,290
CHR15	10747308	CHR15:10747308	SSF x Far_LoA	-9,223	-0,042	0,277
CHR15	10758003	CHR15:10758003	SSF x Far_LoA	-5,394	0,001	0,286
CHR15	10758020	CHR15:10758020	SSF x Far_LoA	-6,398	0,008	0,301
CHR15	10758031	CHR15:10758031	SSF x Far_LoA	-6,361	0,005	0,301
CHR15	10758164	CHR15:10758164	SSF x Far_LoA	-9,529	0,022	0,276
CHR15	10758276	CHR15:10758276	SSF x Far_LoA	-8,590	-0,059	0,298
CHR15	10758280	CHR15:10758280	SSF x Far_LoA	-7,859	-0,051	0,300
CHR15	10760309	CHR15:10760309	SSF x Far_LoA	-9,855	-0,047	0,296
CHR15	10780273	CHR15:10780273	SSF x Far_LoA	-8,702	0,044	0,276
CHR15	10791991	CHR15:10791991	SSF x Far_LoA	-9,136	0,085	0,279
CHR15	10798703	CHR15:10798703	SSF x Far_LoA	-6,046	-0,108	0,291
CHR15	10884378	CHR15:10884378	SSF x Far_LoA	-11,167	0,130	0,279
CHR15	10893160	CHR15:10893160	SSF x Far_LoA	-9,035	0,012	0,283
CHR15	10893161	CHR15:10893161	SSF x Far_LoA	-10,475	0,011	0,289
CHR15	1089706	CHR15:1089706	SSF x Far_LoA	-6,841	0,010	0,299
CHR15	1089759	CHR15:1089759	SSF x Far_LoA	-10,904	-0,063	0,276
CHR15	1089865	CHR15:1089865	SSF x Far_LoA	-8,893	0,085	0,271
CHR15	109035	CHR15:109035	SSF x Far_LoA	-10,235	-0,020	0,285
CHR15	10904022	CHR15:10904022	SSF x Far_LoA	-9,552	0,084	0,289
CHR15	109078	CHR15:109078	SSF x Far_LoA	-7,976	-0,027	0,302
CHR15	10909150	CHR15:10909150	SSF x Far_LoA	-8,815	-0,065	0,284
CHR15	10909232	CHR15:10909232	SSF x Far_LoA	-7,850	0,110	0,282
CHR15	10909247	CHR15:10909247	SSF x Far_LoA	-6,113	0,098	0,297
CHR15	10909258	CHR15:10909258	SSF x Far_LoA	-8,842	0,116	0,289
CHR15	10909261	CHR15:10909261	SSF x Far_LoA	-9,322	-0,047	0,288
CHR15	10918560	CHR15:10918560	SSF x Far_LoA	-10,895	0,054	0,288
CHR15	10921578	CHR15:10921578	SSF x Far_LoA	-11,605	-0,009	0,295
CHR15	10932719	CHR15:10932719	SSF x Far_LoA	-4,602	-0,111	0,281
CHR15	10940850	CHR15:10940850	SSF x Far_LoA	-11,005	0,049	0,279
CHR15	10940857	CHR15:10940857	SSF x Far_LoA	-6,822	0,116	0,296
CHR15	10941029	CHR15:10941029	SSF x Far_LoA	-1,556	0,198	0,289
CHR15	1098451	CHR15:1098451	SSF x Far_LoA	-5,341	0,079	0,297
CHR15	10986483	CHR15:10986483	SSF x Far_LoA	-6,864	-0,119	0,298
CHR15	11017626	CHR15:11017626	SSF x Far_LoA	-11,214	0,052	0,295
CHR15	11040798	CHR15:11040798	SSF x Far_LoA	-10,595	0,035	0,290
CHR15	11041074	CHR15:11041074	SSF x Far_LoA	-9,611	0,072	0,302
CHR15	11053101	CHR15:11053101	SSF x Far_LoA	-8,802	0,142	0,284
CHR15	11053112	CHR15:11053112	SSF x Far_LoA	-8,937	-0,030	0,286
CHR15	11072279	CHR15:11072279	SSF x Far_LoA	-11,887	-0,075	0,277
CHR15	11072491	CHR15:11072491	SSF x Far_LoA	-8,960	0,023	0,288
CHR15	11096814	CHR15:11096814	SSF x Far_LoA	-5,889	-0,035	0,301
CHR15	11097000	CHR15:11097000	SSF x Far_LoA	-8,549	0,050	0,282
CHR15	11097045	CHR15:11097045	SSF x Far_LoA	-8,492	0,101	0,285
CHR15	11097234	CHR15:11097234	SSF x Far_LoA	-9,270	-0,093	0,299
CHR15	11097239	CHR15:11097239	SSF x Far_LoA	-10,051	-0,067	0,293
CHR15	11119360	CHR15:11119360	SSF x Far_LoA	-9,311	0,046	0,285
CHR15	11119380	CHR15:11119380	SSF x Far_LoA	-2,925	0,210	0,284

CHR15	11119401	CHR15:11119401	SSF x Far_LoA	2,869	0,183	0,294
CHR15	11123898	CHR15:11123898	SSF x Far_LoA	-10,797	0,085	0,301
CHR15	11129958	CHR15:11129958	SSF x Far_LoA	-8,934	-0,011	0,283
CHR15	1113747	CHR15:1113747	SSF x Far_LoA	-9,468	-0,015	0,297
CHR15	1113748	CHR15:1113748	SSF x Far_LoA	-8,040	0,006	0,302
CHR15	1113779	CHR15:1113779	SSF x Far_LoA	-9,206	0,010	0,287
CHR15	1113810	CHR15:1113810	SSF x Far_LoA	-6,766	0,007	0,294
CHR15	1113830	CHR15:1113830	SSF x Far_LoA	-12,118	0,013	0,281
CHR15	1113882	CHR15:1113882	SSF x Far_LoA	-8,050	-0,024	0,295
CHR15	11138821	CHR15:11138821	SSF x Far_LoA	-8,277	0,029	0,269
CHR15	11138899	CHR15:11138899	SSF x Far_LoA	-8,462	-0,021	0,273
CHR15	11139171	CHR15:11139171	SSF x Far_LoA	-11,232	0,077	0,280
CHR15	11146988	CHR15:11146988	SSF x Far_LoA	-10,692	0,069	0,293
CHR15	11147124	CHR15:11147124	SSF x Far_LoA	-9,583	0,029	0,289
CHR15	11157295	CHR15:11157295	SSF x Far_LoA	-4,967	-0,223	0,293
CHR15	11157298	CHR15:11157298	SSF x Far_LoA	-7,034	-0,105	0,273
CHR15	11157389	CHR15:11157389	SSF x Far_LoA	-10,186	0,077	0,297
CHR15	11164197	CHR15:11164197	SSF x Far_LoA	-7,118	-0,104	0,279
CHR15	11169745	CHR15:11169745	SSF x Far_LoA	-11,794	0,012	0,299
CHR15	11202634	CHR15:11202634	SSF x Far_LoA	-8,852	-0,003	0,296
CHR15	11202908	CHR15:11202908	SSF x Far_LoA	-3,244	0,057	0,295
CHR15	1121016	CHR15:1121016	SSF x Far_LoA	-5,177	-0,074	0,300
CHR15	1121044	CHR15:1121044	SSF x Far_LoA	-11,642	0,008	0,304
CHR15	1121879	CHR15:1121879	SSF x Far_LoA	-10,714	-0,095	0,273
CHR15	11254343	CHR15:11254343	SSF x Far_LoA	-11,290	0,009	0,295
CHR15	11327878	CHR15:11327878	SSF x Far_LoA	-9,663	-0,091	0,280
CHR15	1135055	CHR15:1135055	SSF x Far_LoA	-9,634	0,007	0,275
CHR15	1135132	CHR15:1135132	SSF x Far_LoA	-8,846	0,077	0,309
CHR15	1135149	CHR15:1135149	SSF x Far_LoA	-11,621	-0,024	0,294
CHR15	1136286	CHR15:1136286	SSF x Far_LoA	-10,971	0,036	0,284
CHR15	11366219	CHR15:11366219	SSF x Far_LoA	-9,379	0,017	0,297
CHR15	11367211	CHR15:11367211	SSF x Far_LoA	-7,735	-0,170	0,292
CHR15	11369229	CHR15:11369229	SSF x Far_LoA	-9,660	-0,160	0,282
CHR15	11375842	CHR15:11375842	SSF x Far_LoA	-3,747	-0,176	0,295
CHR15	11375843	CHR15:11375843	SSF x Far_LoA	-8,687	-0,178	0,298
CHR15	11396550	CHR15:11396550	SSF x Far_LoA	-7,153	0,151	0,272
CHR15	11402129	CHR15:11402129	SSF x Far_LoA	-9,959	0,046	0,290
CHR15	11405159	CHR15:11405159	SSF x Far_LoA	-10,023	-0,125	0,296
CHR15	11405700	CHR15:11405700	SSF x Far_LoA	-7,994	0,136	0,293
CHR15	1141408	CHR15:1141408	SSF x Far_LoA	-9,798	-0,051	0,298
CHR15	1141421	CHR15:1141421	SSF x Far_LoA	-10,422	0,018	0,292
CHR15	1141431	CHR15:1141431	SSF x Far_LoA	-5,295	0,016	0,288
CHR15	1164127	CHR15:1164127	SSF x Far_LoA	-8,688	-0,033	0,293
CHR15	1164235	CHR15:1164235	SSF x Far_LoA	-8,261	-0,037	0,298
CHR15	1164269	CHR15:1164269	SSF x Far_LoA	-8,892	-0,045	0,311
CHR15	1164292	CHR15:1164292	SSF x Far_LoA	-11,594	-0,014	0,286
CHR15	1164398	CHR15:1164398	SSF x Far_LoA	-11,658	-0,038	0,296
CHR15	1178399	CHR15:1178399	SSF x Far_LoA	-10,580	-0,052	0,308
CHR15	1210801	CHR15:1210801	SSF x Far_LoA	-2,161	0,129	0,280
CHR15	1210841	CHR15:1210841	SSF x Far_LoA	-10,490	0,001	0,298
CHR15	1216668	CHR15:1216668	SSF x Far_LoA	-10,981	-0,067	0,287
CHR15	1216689	CHR15:1216689	SSF x Far_LoA	-3,331	0,080	0,295
CHR15	1216728	CHR15:1216728	SSF x Far_LoA	-0,940	-0,087	0,301

CHR15	1216729	CHR15:1216729	SSF x Far_LoA	-3,802	0,097	0,280
CHR15	1216738	CHR15:1216738	SSF x Far_LoA	-11,021	0,004	0,291
CHR15	1226707	CHR15:1226707	SSF x Far_LoA	-9,971	-0,082	0,292
CHR15	1226867	CHR15:1226867	SSF x Far_LoA	-9,080	-0,011	0,306
CHR15	1227017	CHR15:1227017	SSF x Far_LoA	-10,326	-0,048	0,289
CHR15	1233507	CHR15:1233507	SSF x Far_LoA	-9,074	0,004	0,271
CHR15	1233551	CHR15:1233551	SSF x Far_LoA	-6,160	-0,229	0,274
CHR15	1233612	CHR15:1233612	SSF x Far_LoA	-8,358	-0,188	0,275
CHR15	1233743	CHR15:1233743	SSF x Far_LoA	-6,180	-0,145	0,263
CHR15	1255917	CHR15:1255917	SSF x Far_LoA	-9,337	-0,018	0,314
CHR15	1256048	CHR15:1256048	SSF x Far_LoA	-5,316	-0,093	0,283
CHR15	1256103	CHR15:1256103	SSF x Far_LoA	-9,456	-0,064	0,274
CHR15	1259894	CHR15:1259894	SSF x Far_LoA	-7,442	-0,129	0,291
CHR15	1259931	CHR15:1259931	SSF x Far_LoA	-8,946	-0,045	0,283
CHR15	1273562	CHR15:1273562	SSF x Far_LoA	-7,064	-0,058	0,290
CHR15	1276175	CHR15:1276175	SSF x Far_LoA	-6,883	-0,075	0,289
CHR15	1303712	CHR15:1303712	SSF x Far_LoA	-7,464	0,161	0,283
CHR15	1303770	CHR15:1303770	SSF x Far_LoA	-7,833	-0,070	0,294
CHR15	1364271	CHR15:1364271	SSF x Far_LoA	-8,439	0,022	0,292
CHR15	1364374	CHR15:1364374	SSF x Far_LoA	-8,573	0,068	0,291
CHR15	1364417	CHR15:1364417	SSF x Far_LoA	-6,804	0,159	0,278
CHR15	1364496	CHR15:1364496	SSF x Far_LoA	-10,575	0,033	0,293
CHR15	1364541	CHR15:1364541	SSF x Far_LoA	-10,186	0,025	0,311
CHR15	1364577	CHR15:1364577	SSF x Far_LoA	-8,662	0,054	0,307
CHR15	1375121	CHR15:1375121	SSF x Far_LoA	-9,018	0,051	0,294
CHR15	1375127	CHR15:1375127	SSF x Far_LoA	-10,452	0,051	0,279
CHR15	1375203	CHR15:1375203	SSF x Far_LoA	-10,928	-0,006	0,298
CHR15	1375352	CHR15:1375352	SSF x Far_LoA	-8,984	-0,040	0,280
CHR15	1375434	CHR15:1375434	SSF x Far_LoA	-8,074	0,062	0,280
CHR15	1375435	CHR15:1375435	SSF x Far_LoA	-7,960	-0,037	0,288
CHR15	1472206	CHR15:1472206	SSF x Far_LoA	-8,795	-0,002	0,283
CHR15	1472462	CHR15:1472462	SSF x Far_LoA	-10,588	-0,112	0,292
CHR15	1472479	CHR15:1472479	SSF x Far_LoA	-4,244	-0,010	0,291
CHR15	1472590	CHR15:1472590	SSF x Far_LoA	-9,252	-0,008	0,314
CHR15	1472599	CHR15:1472599	SSF x Far_LoA	-9,819	0,101	0,293
CHR15	1479894	CHR15:1479894	SSF x Far_LoA	-5,001	-0,229	0,292
CHR15	1479951	CHR15:1479951	SSF x Far_LoA	-6,607	-0,067	0,316
CHR15	1489696	CHR15:1489696	SSF x Far_LoA	-10,575	-0,102	0,297
CHR15	1489724	CHR15:1489724	SSF x Far_LoA	-11,742	-0,035	0,280
CHR15	1489732	CHR15:1489732	SSF x Far_LoA	-7,643	0,041	0,290
CHR15	1489736	CHR15:1489736	SSF x Far_LoA	-9,561	0,018	0,304
CHR15	1497572	CHR15:1497572	SSF x Far_LoA	-10,223	0,061	0,284
CHR15	1497635	CHR15:1497635	SSF x Far_LoA	-7,767	-0,092	0,287
CHR15	1497694	CHR15:1497694	SSF x Far_LoA	-10,580	-0,049	0,291
CHR15	1497695	CHR15:1497695	SSF x Far_LoA	-11,310	-0,027	0,285
CHR15	1514771	CHR15:1514771	SSF x Far_LoA	-8,492	-0,001	0,304
CHR15	1515007	CHR15:1515007	SSF x Far_LoA	-9,417	-0,087	0,290
CHR15	1522250	CHR15:1522250	SSF x Far_LoA	-11,000	-0,070	0,271
CHR15	1528608	CHR15:1528608	SSF x Far_LoA	-9,027	0,020	0,292
CHR15	1531286	CHR15:1531286	SSF x Far_LoA	-6,739	0,009	0,300
CHR15	1562490	CHR15:1562490	SSF x Far_LoA	-10,645	0,012	0,296
CHR15	1579651	CHR15:1579651	SSF x Far_LoA	-9,662	0,010	0,287
CHR15	1579659	CHR15:1579659	SSF x Far_LoA	-10,190	0,032	0,303

CHR15	1579672	CHR15:1579672	SSF x Far_LoA	-10,395	0,022	0,275
CHR15	1579684	CHR15:1579684	SSF x Far_LoA	-9,598	0,151	0,293
CHR15	1579732	CHR15:1579732	SSF x Far_LoA	-5,471	-0,127	0,290
CHR15	1602079	CHR15:1602079	SSF x Far_LoA	-8,822	-0,046	0,296
CHR15	1602091	CHR15:1602091	SSF x Far_LoA	-9,129	-0,043	0,306
CHR15	1602111	CHR15:1602111	SSF x Far_LoA	-8,144	-0,088	0,302
CHR15	1602120	CHR15:1602120	SSF x Far_LoA	-8,366	-0,088	0,297
CHR15	1602176	CHR15:1602176	SSF x Far_LoA	-5,940	-0,060	0,293
CHR15	1615461	CHR15:1615461	SSF x Far_LoA	-6,183	-0,073	0,282
CHR15	1687155	CHR15:1687155	SSF x Far_LoA	-10,793	-0,035	0,293
CHR15	1687168	CHR15:1687168	SSF x Far_LoA	-10,528	-0,100	0,288
CHR15	1687234	CHR15:1687234	SSF x Far_LoA	-11,541	-0,036	0,282
CHR15	1698892	CHR15:1698892	SSF x Far_LoA	-8,718	-0,018	0,296
CHR15	1698970	CHR15:1698970	SSF x Far_LoA	-10,228	0,012	0,288
CHR15	1699043	CHR15:1699043	SSF x Far_LoA	-6,290	-0,112	0,279
CHR15	1701963	CHR15:1701963	SSF x Far_LoA	-8,998	-0,094	0,301
CHR15	1702008	CHR15:1702008	SSF x Far_LoA	-12,007	0,098	0,280
CHR15	1702019	CHR15:1702019	SSF x Far_LoA	-8,085	-0,079	0,275
CHR15	1702037	CHR15:1702037	SSF x Far_LoA	-9,097	0,156	0,282
CHR15	1702136	CHR15:1702136	SSF x Far_LoA	-7,914	0,138	0,277
CHR15	1702144	CHR15:1702144	SSF x Far_LoA	-8,638	0,124	0,276
CHR15	1702168	CHR15:1702168	SSF x Far_LoA	-8,379	0,149	0,282
CHR15	1702229	CHR15:1702229	SSF x Far_LoA	-2,848	-0,296	0,258
CHR15	1705785	CHR15:1705785	SSF x Far_LoA	-7,379	0,128	0,291
CHR15	1711633	CHR15:1711633	SSF x Far_LoA	-7,996	0,163	0,281
CHR15	1711643	CHR15:1711643	SSF x Far_LoA	-9,498	-0,046	0,302
CHR15	1711686	CHR15:1711686	SSF x Far_LoA	-5,202	0,011	0,293
CHR15	1711717	CHR15:1711717	SSF x Far_LoA	-9,447	0,000	0,291
CHR15	1711729	CHR15:1711729	SSF x Far_LoA	-12,098	0,042	0,279
CHR15	1728356	CHR15:1728356	SSF x Far_LoA	-8,990	-0,003	0,304
CHR15	1728418	CHR15:1728418	SSF x Far_LoA	-6,329	-0,075	0,285
CHR15	1728577	CHR15:1728577	SSF x Far_LoA	-8,399	0,050	0,279
CHR15	1733089	CHR15:1733089	SSF x Far_LoA	-10,288	-0,009	0,311
CHR15	1733314	CHR15:1733314	SSF x Far_LoA	-8,922	0,041	0,274
CHR15	1733345	CHR15:1733345	SSF x Far_LoA	-3,684	-0,024	0,285
CHR15	1733348	CHR15:1733348	SSF x Far_LoA	-7,370	0,027	0,285
CHR15	1759214	CHR15:1759214	SSF x Far_LoA	-8,879	0,114	0,290
CHR15	1763732	CHR15:1763732	SSF x Far_LoA	-10,061	-0,013	0,285
CHR15	1763970	CHR15:1763970	SSF x Far_LoA	-8,355	0,017	0,294
CHR15	1769990	CHR15:1769990	SSF x Far_LoA	-10,959	-0,118	0,291
CHR15	1772971	CHR15:1772971	SSF x Far_LoA	-8,504	-0,039	0,309
CHR15	1773001	CHR15:1773001	SSF x Far_LoA	-10,996	-0,038	0,308
CHR15	1773216	CHR15:1773216	SSF x Far_LoA	-11,524	0,086	0,278
CHR15	1775479	CHR15:1775479	SSF x Far_LoA	-9,644	0,172	0,289
CHR15	1775597	CHR15:1775597	SSF x Far_LoA	-9,955	-0,100	0,289
CHR15	1775672	CHR15:1775672	SSF x Far_LoA	-9,254	0,086	0,279
CHR15	1810097	CHR15:1810097	SSF x Far_LoA	-9,401	0,009	0,307
CHR15	1810181	CHR15:1810181	SSF x Far_LoA	-9,218	0,059	0,301
CHR15	1810247	CHR15:1810247	SSF x Far_LoA	-9,740	0,029	0,280
CHR15	1810253	CHR15:1810253	SSF x Far_LoA	-10,457	-0,048	0,291
CHR15	1810257	CHR15:1810257	SSF x Far_LoA	-12,507	0,014	0,284
CHR15	1830498	CHR15:1830498	SSF x Far_LoA	-8,444	-0,069	0,299
CHR15	1830641	CHR15:1830641	SSF x Far_LoA	-10,326	0,016	0,285

CHR15	1833599	CHR15:1833599	SSF x Far_LoA	-10,001	-0,042	0,301
CHR15	1833798	CHR15:1833798	SSF x Far_LoA	-7,846	-0,151	0,287
CHR15	1833809	CHR15:1833809	SSF x Far_LoA	-8,849	0,062	0,291
CHR15	1833844	CHR15:1833844	SSF x Far_LoA	-9,414	-0,034	0,302
CHR15	1847410	CHR15:1847410	SSF x Far_LoA	-8,918	0,042	0,288
CHR15	1847425	CHR15:1847425	SSF x Far_LoA	-9,352	0,039	0,292
CHR15	1847482	CHR15:1847482	SSF x Far_LoA	-5,752	0,094	0,286
CHR15	1872336	CHR15:1872336	SSF x Far_LoA	-10,283	0,015	0,301
CHR15	1875832	CHR15:1875832	SSF x Far_LoA	-8,712	-0,111	0,289
CHR15	1875934	CHR15:1875934	SSF x Far_LoA	-9,959	0,114	0,288
CHR15	1924935	CHR15:1924935	SSF x Far_LoA	-8,532	-0,028	0,310
CHR15	1933400	CHR15:1933400	SSF x Far_LoA	-10,362	0,042	0,290
CHR15	1944330	CHR15:1944330	SSF x Far_LoA	-9,535	-0,151	0,280
CHR15	1944338	CHR15:1944338	SSF x Far_LoA	-8,355	0,085	0,291
CHR15	1944356	CHR15:1944356	SSF x Far_LoA	-3,810	-0,148	0,291
CHR15	1944403	CHR15:1944403	SSF x Far_LoA	-11,892	-0,031	0,282
CHR15	1962886	CHR15:1962886	SSF x Far_LoA	-8,989	-0,134	0,276
CHR15	1962909	CHR15:1962909	SSF x Far_LoA	-3,292	-0,085	0,286
CHR15	1962928	CHR15:1962928	SSF x Far_LoA	-7,886	0,076	0,278
CHR15	1962941	CHR15:1962941	SSF x Far_LoA	-8,146	0,108	0,290
CHR15	1968825	CHR15:1968825	SSF x Far_LoA	-9,382	-0,155	0,272
CHR15	1971466	CHR15:1971466	SSF x Far_LoA	-9,688	0,102	0,290
CHR15	1974227	CHR15:1974227	SSF x Far_LoA	-10,324	0,028	0,300
CHR15	1976135	CHR15:1976135	SSF x Far_LoA	-8,888	0,021	0,297
CHR15	1976375	CHR15:1976375	SSF x Far_LoA	-8,434	0,020	0,294
CHR15	1988931	CHR15:1988931	SSF x Far_LoA	-8,969	-0,088	0,294
CHR15	1988940	CHR15:1988940	SSF x Far_LoA	-9,895	-0,063	0,290
CHR15	1988958	CHR15:1988958	SSF x Far_LoA	-9,616	0,018	0,284
CHR15	1989028	CHR15:1989028	SSF x Far_LoA	-9,130	0,107	0,279
CHR15	1989099	CHR15:1989099	SSF x Far_LoA	-10,808	0,108	0,283
CHR15	1989104	CHR15:1989104	SSF x Far_LoA	-2,173	0,019	0,301
CHR15	2007212	CHR15:2007212	SSF x Far_LoA	-10,455	0,009	0,297
CHR15	2015245	CHR15:2015245	SSF x Far_LoA	-9,165	0,001	0,296
CHR15	2021731	CHR15:2021731	SSF x Far_LoA	-9,189	-0,075	0,289
CHR15	2026282	CHR15:2026282	SSF x Far_LoA	-11,673	0,039	0,286
CHR15	2030882	CHR15:2030882	SSF x Far_LoA	-8,886	-0,004	0,294
CHR15	2047882	CHR15:2047882	SSF x Far_LoA	-5,247	0,124	0,297
CHR15	2047887	CHR15:2047887	SSF x Far_LoA	-9,040	0,098	0,290
CHR15	2047909	CHR15:2047909	SSF x Far_LoA	-6,185	0,110	0,295
CHR15	2047914	CHR15:2047914	SSF x Far_LoA	-7,412	0,123	0,283
CHR15	2047959	CHR15:2047959	SSF x Far_LoA	-10,639	0,014	0,284
CHR15	2047978	CHR15:2047978	SSF x Far_LoA	-2,777	-0,164	0,291
CHR15	2048010	CHR15:2048010	SSF x Far_LoA	-9,730	0,063	0,295
CHR15	2048018	CHR15:2048018	SSF x Far_LoA	-8,959	0,070	0,301
CHR15	2048254	CHR15:2048254	SSF x Far_LoA	-10,884	-0,022	0,302
CHR15	2048338	CHR15:2048338	SSF x Far_LoA	-7,264	-0,074	0,301
CHR15	2048451	CHR15:2048451	SSF x Far_LoA	-9,403	0,024	0,289
CHR15	2052949	CHR15:2052949	SSF x Far_LoA	-9,564	-0,031	0,274
CHR15	2052999	CHR15:2052999	SSF x Far_LoA	-7,832	-0,080	0,283
CHR15	2055218	CHR15:2055218	SSF x Far_LoA	-6,171	0,194	0,280
CHR15	2078155	CHR15:2078155	SSF x Far_LoA	-9,745	-0,180	0,269
CHR15	2078196	CHR15:2078196	SSF x Far_LoA	-9,396	-0,003	0,299
CHR15	2078242	CHR15:2078242	SSF x Far_LoA	-9,742	-0,055	0,305

CHR15	2092325	CHR15:2092325	SSF x Far_LoA	-9,358	-0,126	0,299
CHR15	2092432	CHR15:2092432	SSF x Far_LoA	-8,614	0,102	0,286
CHR15	2116051	CHR15:2116051	SSF x Far_LoA	-7,322	-0,135	0,281
CHR15	2116173	CHR15:2116173	SSF x Far_LoA	-10,888	-0,091	0,283
CHR15	2116284	CHR15:2116284	SSF x Far_LoA	-11,096	-0,067	0,286
CHR15	2116291	CHR15:2116291	SSF x Far_LoA	-10,864	-0,033	0,293
CHR15	2116328	CHR15:2116328	SSF x Far_LoA	-5,622	-0,128	0,293
CHR15	2116333	CHR15:2116333	SSF x Far_LoA	-8,482	-0,094	0,291
CHR15	2116344	CHR15:2116344	SSF x Far_LoA	-10,123	-0,128	0,283
CHR15	2122272	CHR15:2122272	SSF x Far_LoA	-9,323	0,039	0,286
CHR15	2122331	CHR15:2122331	SSF x Far_LoA	-8,357	-0,093	0,291
CHR15	2122372	CHR15:2122372	SSF x Far_LoA	-7,566	-0,110	0,303
CHR15	2122379	CHR15:2122379	SSF x Far_LoA	-9,308	0,031	0,286
CHR15	2138092	CHR15:2138092	SSF x Far_LoA	-9,833	0,122	0,287
CHR15	2150683	CHR15:2150683	SSF x Far_LoA	-8,754	-0,029	0,303
CHR15	2150756	CHR15:2150756	SSF x Far_LoA	-8,896	-0,042	0,297
CHR15	2151629	CHR15:2151629	SSF x Far_LoA	-9,256	0,067	0,298
CHR15	2151641	CHR15:2151641	SSF x Far_LoA	-8,194	0,071	0,291
CHR15	2183797	CHR15:2183797	SSF x Far_LoA	-11,696	-0,024	0,294
CHR15	2195629	CHR15:2195629	SSF x Far_LoA	-11,634	0,031	0,293
CHR15	2208367	CHR15:2208367	SSF x Far_LoA	-9,446	-0,020	0,295
CHR15	2208434	CHR15:2208434	SSF x Far_LoA	-8,080	-0,039	0,302
CHR15	2208522	CHR15:2208522	SSF x Far_LoA	-8,896	0,066	0,291
CHR15	2208554	CHR15:2208554	SSF x Far_LoA	-9,529	0,058	0,284
CHR15	2208594	CHR15:2208594	SSF x Far_LoA	-7,240	0,054	0,302
CHR15	2213783	CHR15:2213783	SSF x Far_LoA	-8,683	-0,070	0,287
CHR15	2213804	CHR15:2213804	SSF x Far_LoA	-10,383	-0,008	0,285
CHR15	2213827	CHR15:2213827	SSF x Far_LoA	-8,721	0,078	0,265
CHR15	2213883	CHR15:2213883	SSF x Far_LoA	-10,205	0,036	0,289
CHR15	2213916	CHR15:2213916	SSF x Far_LoA	-5,946	-0,147	0,270
CHR15	2232129	CHR15:2232129	SSF x Far_LoA	-8,733	-0,091	0,287
CHR15	2232212	CHR15:2232212	SSF x Far_LoA	-8,989	-0,009	0,300
CHR15	2232317	CHR15:2232317	SSF x Far_LoA	-10,900	-0,002	0,276
CHR15	2232439	CHR15:2232439	SSF x Far_LoA	-10,041	-0,086	0,297
CHR15	2232499	CHR15:2232499	SSF x Far_LoA	-10,919	0,019	0,310
CHR15	2232505	CHR15:2232505	SSF x Far_LoA	-9,217	-0,068	0,285
CHR15	2252929	CHR15:2252929	SSF x Far_LoA	-9,049	-0,063	0,294
CHR15	2266177	CHR15:2266177	SSF x Far_LoA	-11,941	-0,039	0,288
CHR15	2290068	CHR15:2290068	SSF x Far_LoA	-8,105	0,084	0,295
CHR15	2324430	CHR15:2324430	SSF x Far_LoA	-7,219	0,028	0,294
CHR15	2324455	CHR15:2324455	SSF x Far_LoA	-7,870	0,086	0,297
CHR15	2324457	CHR15:2324457	SSF x Far_LoA	-11,344	-0,019	0,284
CHR15	2324483	CHR15:2324483	SSF x Far_LoA	-6,719	0,009	0,305
CHR15	2324521	CHR15:2324521	SSF x Far_LoA	-11,447	-0,052	0,291
CHR15	2324573	CHR15:2324573	SSF x Far_LoA	-8,709	-0,125	0,290
CHR15	2324613	CHR15:2324613	SSF x Far_LoA	-9,343	0,019	0,298
CHR15	2336774	CHR15:2336774	SSF x Far_LoA	-7,890	-0,076	0,295
CHR15	2336867	CHR15:2336867	SSF x Far_LoA	-8,384	-0,040	0,273
CHR15	2336873	CHR15:2336873	SSF x Far_LoA	-8,419	-0,038	0,278
CHR15	2341865	CHR15:2341865	SSF x Far_LoA	-10,303	0,166	0,273
CHR15	2357453	CHR15:2357453	SSF x Far_LoA	-9,600	-0,020	0,293
CHR15	2357454	CHR15:2357454	SSF x Far_LoA	-12,198	-0,040	0,285
CHR15	2357539	CHR15:2357539	SSF x Far_LoA	-9,000	-0,059	0,291

CHR15	2370764	CHR15:2370764	SSF x Far_LoA	-9,149	-0,001	0,283
CHR15	2370782	CHR15:2370782	SSF x Far_LoA	-6,723	0,055	0,290
CHR15	2370812	CHR15:2370812	SSF x Far_LoA	-8,200	0,024	0,292
CHR15	2370818	CHR15:2370818	SSF x Far_LoA	-10,577	-0,063	0,286
CHR15	2370828	CHR15:2370828	SSF x Far_LoA	-9,795	-0,062	0,289
CHR15	2370837	CHR15:2370837	SSF x Far_LoA	-10,020	-0,076	0,288
CHR15	2371014	CHR15:2371014	SSF x Far_LoA	-9,219	-0,108	0,287
CHR15	2371020	CHR15:2371020	SSF x Far_LoA	-7,887	-0,031	0,279
CHR15	2371036	CHR15:2371036	SSF x Far_LoA	-9,284	-0,045	0,284
CHR15	2371188	CHR15:2371188	SSF x Far_LoA	-8,852	0,158	0,269
CHR15	2383228	CHR15:2383228	SSF x Far_LoA	-9,101	0,049	0,289
CHR15	2383393	CHR15:2383393	SSF x Far_LoA	-7,781	0,061	0,306
CHR15	2383423	CHR15:2383423	SSF x Far_LoA	-8,059	-0,006	0,288
CHR15	2386967	CHR15:2386967	SSF x Far_LoA	-7,872	0,037	0,305
CHR15	2386973	CHR15:2386973	SSF x Far_LoA	-9,069	0,197	0,268
CHR15	2387015	CHR15:2387015	SSF x Far_LoA	-9,337	-0,050	0,293
CHR15	238783	CHR15:238783	SSF x Far_LoA	-5,210	0,032	0,290
CHR15	2388769	CHR15:2388769	SSF x Far_LoA	-9,802	-0,036	0,296
CHR15	2388797	CHR15:2388797	SSF x Far_LoA	-9,524	-0,049	0,306
CHR15	2388809	CHR15:2388809	SSF x Far_LoA	-8,361	0,041	0,282
CHR15	2388810	CHR15:2388810	SSF x Far_LoA	-10,006	0,004	0,288
CHR15	239002	CHR15:239002	SSF x Far_LoA	-10,248	0,141	0,282
CHR15	2390618	CHR15:2390618	SSF x Far_LoA	-11,556	-0,042	0,291
CHR15	2391067	CHR15:2391067	SSF x Far_LoA	-4,989	0,187	0,279
CHR15	2391117	CHR15:2391117	SSF x Far_LoA	-9,201	-0,067	0,285
CHR15	2391125	CHR15:2391125	SSF x Far_LoA	-8,505	0,155	0,295
CHR15	2395239	CHR15:2395239	SSF x Far_LoA	-10,925	0,021	0,303
CHR15	2395242	CHR15:2395242	SSF x Far_LoA	-5,300	0,053	0,307
CHR15	2397042	CHR15:2397042	SSF x Far_LoA	-9,258	-0,013	0,280
CHR15	2404344	CHR15:2404344	SSF x Far_LoA	-9,463	0,055	0,271
CHR15	2404475	CHR15:2404475	SSF x Far_LoA	-10,988	-0,071	0,309
CHR15	2404484	CHR15:2404484	SSF x Far_LoA	-7,514	0,061	0,303
CHR15	2407938	CHR15:2407938	SSF x Far_LoA	-8,697	-0,073	0,286
CHR15	2407975	CHR15:2407975	SSF x Far_LoA	-7,477	0,160	0,293
CHR15	2407998	CHR15:2407998	SSF x Far_LoA	-1,903	-0,115	0,280
CHR15	2413770	CHR15:2413770	SSF x Far_LoA	-9,967	0,035	0,284
CHR15	2413807	CHR15:2413807	SSF x Far_LoA	-11,469	0,033	0,290
CHR15	2422017	CHR15:2422017	SSF x Far_LoA	-10,621	0,079	0,295
CHR15	2422140	CHR15:2422140	SSF x Far_LoA	-2,319	-0,036	0,285
CHR15	242315	CHR15:242315	SSF x Far_LoA	-10,306	0,132	0,293
CHR15	242355	CHR15:242355	SSF x Far_LoA	-5,597	0,141	0,284
CHR15	242381	CHR15:242381	SSF x Far_LoA	-8,477	0,005	0,306
CHR15	242470	CHR15:242470	SSF x Far_LoA	-10,637	0,041	0,291
CHR15	2432614	CHR15:2432614	SSF x Far_LoA	-8,253	0,151	0,275
CHR15	2432677	CHR15:2432677	SSF x Far_LoA	-8,242	0,065	0,283
CHR15	2432697	CHR15:2432697	SSF x Far_LoA	-8,697	0,003	0,301
CHR15	2432805	CHR15:2432805	SSF x Far_LoA	-8,410	0,039	0,270
CHR15	2432861	CHR15:2432861	SSF x Far_LoA	-7,681	0,041	0,284
CHR15	2432877	CHR15:2432877	SSF x Far_LoA	-8,258	0,003	0,295
CHR15	2442868	CHR15:2442868	SSF x Far_LoA	-6,543	-0,108	0,288
CHR15	2442893	CHR15:2442893	SSF x Far_LoA	-9,103	-0,046	0,295
CHR15	2442899	CHR15:2442899	SSF x Far_LoA	-8,683	-0,135	0,274
CHR15	2442958	CHR15:2442958	SSF x Far_LoA	-11,695	-0,061	0,296

CHR15	2442983	CHR15:2442983	SSF x Far_LoA	-11,038	-0,068	0,286
CHR15	2468514	CHR15:2468514	SSF x Far_LoA	-12,466	0,037	0,275
CHR15	2468538	CHR15:2468538	SSF x Far_LoA	-10,232	-0,111	0,279
CHR15	2468629	CHR15:2468629	SSF x Far_LoA	-11,219	0,013	0,303
CHR15	2468741	CHR15:2468741	SSF x Far_LoA	-10,447	0,099	0,285
CHR15	2475023	CHR15:2475023	SSF x Far_LoA	-8,461	0,098	0,287
CHR15	2484015	CHR15:2484015	SSF x Far_LoA	-8,617	-0,032	0,308
CHR15	2484051	CHR15:2484051	SSF x Far_LoA	-7,536	-0,004	0,297
CHR15	2484247	CHR15:2484247	SSF x Far_LoA	-10,922	-0,026	0,280
CHR15	2490017	CHR15:2490017	SSF x Far_LoA	-9,891	0,077	0,281
CHR15	2541890	CHR15:2541890	SSF x Far_LoA	-9,244	-0,022	0,272
CHR15	2541918	CHR15:2541918	SSF x Far_LoA	-4,838	-0,025	0,281
CHR15	2542007	CHR15:2542007	SSF x Far_LoA	-12,797	-0,032	0,279
CHR15	2542119	CHR15:2542119	SSF x Far_LoA	-6,961	-0,137	0,281
CHR15	2542128	CHR15:2542128	SSF x Far_LoA	-7,638	-0,011	0,282
CHR15	2554158	CHR15:2554158	SSF x Far_LoA	-9,892	-0,024	0,276
CHR15	2554159	CHR15:2554159	SSF x Far_LoA	-9,144	-0,073	0,280
CHR15	2554292	CHR15:2554292	SSF x Far_LoA	-7,381	0,114	0,284
CHR15	2556515	CHR15:2556515	SSF x Far_LoA	-10,496	-0,049	0,294
CHR15	2561464	CHR15:2561464	SSF x Far_LoA	-5,375	0,013	0,298
CHR15	2561469	CHR15:2561469	SSF x Far_LoA	-2,085	-0,191	0,292
CHR15	2561538	CHR15:2561538	SSF x Far_LoA	-7,991	0,011	0,292
CHR15	2561563	CHR15:2561563	SSF x Far_LoA	-11,032	-0,057	0,302
CHR15	2561593	CHR15:2561593	SSF x Far_LoA	-11,700	-0,001	0,286
CHR15	2565340	CHR15:2565340	SSF x Far_LoA	-8,813	-0,025	0,282
CHR15	2565354	CHR15:2565354	SSF x Far_LoA	-10,608	0,031	0,301
CHR15	2568507	CHR15:2568507	SSF x Far_LoA	-11,162	0,038	0,301
CHR15	2572851	CHR15:2572851	SSF x Far_LoA	-8,986	-0,034	0,287
CHR15	2572929	CHR15:2572929	SSF x Far_LoA	-9,864	-0,050	0,276
CHR15	2576248	CHR15:2576248	SSF x Far_LoA	-10,714	0,032	0,307
CHR15	2576253	CHR15:2576253	SSF x Far_LoA	-5,667	-0,026	0,297
CHR15	2576283	CHR15:2576283	SSF x Far_LoA	-10,375	0,048	0,291
CHR15	2576308	CHR15:2576308	SSF x Far_LoA	-8,567	0,073	0,276
CHR15	2576313	CHR15:2576313	SSF x Far_LoA	-8,717	-0,028	0,292
CHR15	2576321	CHR15:2576321	SSF x Far_LoA	-8,709	0,011	0,290
CHR15	2576434	CHR15:2576434	SSF x Far_LoA	-8,421	-0,006	0,281
CHR15	2576482	CHR15:2576482	SSF x Far_LoA	-7,758	-0,071	0,291
CHR15	2576516	CHR15:2576516	SSF x Far_LoA	-8,792	0,023	0,302
CHR15	2587776	CHR15:2587776	SSF x Far_LoA	-7,452	0,009	0,302
CHR15	2588514	CHR15:2588514	SSF x Far_LoA	-9,055	-0,120	0,283
CHR15	2588552	CHR15:2588552	SSF x Far_LoA	-8,761	0,067	0,299
CHR15	2588613	CHR15:2588613	SSF x Far_LoA	-10,644	0,078	0,285
CHR15	2588622	CHR15:2588622	SSF x Far_LoA	-10,747	0,024	0,279
CHR15	2591562	CHR15:2591562	SSF x Far_LoA	-10,410	0,031	0,288
CHR15	2591594	CHR15:2591594	SSF x Far_LoA	-8,081	0,093	0,299
CHR15	2591610	CHR15:2591610	SSF x Far_LoA	-7,490	0,020	0,291
CHR15	2591611	CHR15:2591611	SSF x Far_LoA	-8,484	0,010	0,285
CHR15	2591619	CHR15:2591619	SSF x Far_LoA	-12,183	0,071	0,288
CHR15	2609797	CHR15:2609797	SSF x Far_LoA	-7,923	-0,104	0,277
CHR15	2609842	CHR15:2609842	SSF x Far_LoA	-9,885	-0,001	0,285
CHR15	2609872	CHR15:2609872	SSF x Far_LoA	-5,364	-0,166	0,299
CHR15	2609932	CHR15:2609932	SSF x Far_LoA	-11,228	-0,009	0,300
CHR15	2610026	CHR15:2610026	SSF x Far_LoA	-4,240	0,047	0,274

CHR15	2615538	CHR15:2615538	SSF x Far_LoA	-8,796	-0,037	0,298
CHR15	2615563	CHR15:2615563	SSF x Far_LoA	-8,213	-0,098	0,301
CHR15	2622995	CHR15:2622995	SSF x Far_LoA	-9,729	0,112	0,284
CHR15	2623154	CHR15:2623154	SSF x Far_LoA	-6,986	0,002	0,274
CHR15	2624707	CHR15:2624707	SSF x Far_LoA	-9,150	-0,011	0,285
CHR15	2624735	CHR15:2624735	SSF x Far_LoA	-7,764	-0,013	0,286
CHR15	2624913	CHR15:2624913	SSF x Far_LoA	-9,383	0,007	0,306
CHR15	2626728	CHR15:2626728	SSF x Far_LoA	-8,744	0,172	0,288
CHR15	2626732	CHR15:2626732	SSF x Far_LoA	-10,746	0,150	0,284
CHR15	2626750	CHR15:2626750	SSF x Far_LoA	-8,969	0,215	0,269
CHR15	2626876	CHR15:2626876	SSF x Far_LoA	-2,676	0,195	0,281
CHR15	2626884	CHR15:2626884	SSF x Far_LoA	-3,249	0,160	0,274
CHR15	2626890	CHR15:2626890	SSF x Far_LoA	-8,968	0,073	0,290
CHR15	2626896	CHR15:2626896	SSF x Far_LoA	-9,629	0,100	0,283
CHR15	2737817	CHR15:2737817	SSF x Far_LoA	-8,041	0,186	0,286
CHR15	2739681	CHR15:2739681	SSF x Far_LoA	-7,472	0,045	0,287
CHR15	2739684	CHR15:2739684	SSF x Far_LoA	-10,257	0,027	0,295
CHR15	2739694	CHR15:2739694	SSF x Far_LoA	-9,651	-0,129	0,273
CHR15	2739713	CHR15:2739713	SSF x Far_LoA	-8,447	0,017	0,299
CHR15	2739715	CHR15:2739715	SSF x Far_LoA	-2,093	-0,158	0,280
CHR15	2739872	CHR15:2739872	SSF x Far_LoA	-8,903	0,121	0,278
CHR15	2750031	CHR15:2750031	SSF x Far_LoA	-5,928	-0,070	0,303
CHR15	2750046	CHR15:2750046	SSF x Far_LoA	-9,065	-0,148	0,284
CHR15	2750338	CHR15:2750338	SSF x Far_LoA	-9,031	-0,018	0,288
CHR15	2756669	CHR15:2756669	SSF x Far_LoA	-9,338	0,030	0,303
CHR15	2756878	CHR15:2756878	SSF x Far_LoA	-6,040	-0,066	0,305
CHR15	2757022	CHR15:2757022	SSF x Far_LoA	-11,188	0,028	0,293
CHR15	2757023	CHR15:2757023	SSF x Far_LoA	-9,322	0,008	0,303
CHR15	2757025	CHR15:2757025	SSF x Far_LoA	-8,010	0,021	0,298
CHR15	2757027	CHR15:2757027	SSF x Far_LoA	-10,116	0,000	0,295
CHR15	2762874	CHR15:2762874	SSF x Far_LoA	-7,106	0,110	0,293
CHR15	2763054	CHR15:2763054	SSF x Far_LoA	-8,012	0,048	0,293
CHR15	2763128	CHR15:2763128	SSF x Far_LoA	-10,779	-0,083	0,288
CHR15	2763142	CHR15:2763142	SSF x Far_LoA	-7,819	0,079	0,275
CHR15	2763169	CHR15:2763169	SSF x Far_LoA	-7,741	0,032	0,272
CHR15	2769873	CHR15:2769873	SSF x Far_LoA	-11,849	0,002	0,284
CHR15	2770100	CHR15:2770100	SSF x Far_LoA	-10,569	-0,007	0,281
CHR15	2770191	CHR15:2770191	SSF x Far_LoA	-8,682	-0,067	0,310
CHR15	2770876	CHR15:2770876	SSF x Far_LoA	-10,317	0,018	0,291
CHR15	2770897	CHR15:2770897	SSF x Far_LoA	-8,789	-0,007	0,288
CHR15	2770901	CHR15:2770901	SSF x Far_LoA	-8,710	0,121	0,288
CHR15	2770969	CHR15:2770969	SSF x Far_LoA	-8,873	-0,018	0,291
CHR15	2771016	CHR15:2771016	SSF x Far_LoA	-7,722	-0,055	0,290
CHR15	2771075	CHR15:2771075	SSF x Far_LoA	-9,651	0,011	0,283
CHR15	2780646	CHR15:2780646	SSF x Far_LoA	-9,100	-0,118	0,279
CHR15	2781047	CHR15:2781047	SSF x Far_LoA	-7,607	0,097	0,289
CHR15	2781054	CHR15:2781054	SSF x Far_LoA	-6,979	0,092	0,300
CHR15	2781064	CHR15:2781064	SSF x Far_LoA	-0,792	0,188	0,281
CHR15	2802433	CHR15:2802433	SSF x Far_LoA	-5,793	0,107	0,298
CHR15	2802462	CHR15:2802462	SSF x Far_LoA	-9,131	0,001	0,296
CHR15	2802518	CHR15:2802518	SSF x Far_LoA	-9,104	0,064	0,288
CHR15	2810126	CHR15:2810126	SSF x Far_LoA	-9,025	0,045	0,284
CHR15	2810134	CHR15:2810134	SSF x Far_LoA	-10,162	0,079	0,273

CHR15	2810153	CHR15:2810153	SSF x Far_LoA	-9,548	0,035	0,261
CHR15	2810273	CHR15:2810273	SSF x Far_LoA	-8,454	0,015	0,284
CHR15	2810284	CHR15:2810284	SSF x Far_LoA	-10,256	-0,023	0,295
CHR15	2810290	CHR15:2810290	SSF x Far_LoA	-9,500	-0,011	0,289
CHR15	2810298	CHR15:2810298	SSF x Far_LoA	-9,921	-0,003	0,300
CHR15	2810317	CHR15:2810317	SSF x Far_LoA	-9,945	-0,020	0,301
CHR15	2810319	CHR15:2810319	SSF x Far_LoA	-8,944	-0,021	0,306
CHR15	2810320	CHR15:2810320	SSF x Far_LoA	-5,609	-0,014	0,305
CHR15	2810323	CHR15:2810323	SSF x Far_LoA	-8,282	-0,028	0,311
CHR15	2810326	CHR15:2810326	SSF x Far_LoA	-10,576	-0,027	0,296
CHR15	2810335	CHR15:2810335	SSF x Far_LoA	-8,276	-0,054	0,284
CHR15	281407	CHR15:281407	SSF x Far_LoA	-12,270	-0,020	0,275
CHR15	281409	CHR15:281409	SSF x Far_LoA	-9,766	-0,061	0,299
CHR15	281462	CHR15:281462	SSF x Far_LoA	-10,192	-0,065	0,297
CHR15	281494	CHR15:281494	SSF x Far_LoA	-11,451	-0,030	0,293
CHR15	281687	CHR15:281687	SSF x Far_LoA	-11,214	-0,004	0,297
CHR15	283501	CHR15:283501	SSF x Far_LoA	-8,693	-0,057	0,285
CHR15	284029	CHR15:284029	SSF x Far_LoA	-11,477	-0,047	0,287
CHR15	284109	CHR15:284109	SSF x Far_LoA	-11,986	-0,023	0,297
CHR15	2892292	CHR15:2892292	SSF x Far_LoA	-11,029	0,104	0,287
CHR15	2892449	CHR15:2892449	SSF x Far_LoA	-10,990	0,034	0,289
CHR15	2895990	CHR15:2895990	SSF x Far_LoA	-8,768	-0,065	0,276
CHR15	2905846	CHR15:2905846	SSF x Far_LoA	-9,557	0,057	0,296
CHR15	2905849	CHR15:2905849	SSF x Far_LoA	-9,486	-0,073	0,281
CHR15	2905926	CHR15:2905926	SSF x Far_LoA	-8,399	-0,073	0,299
CHR15	2905949	CHR15:2905949	SSF x Far_LoA	-8,302	-0,108	0,287
CHR15	2906065	CHR15:2906065	SSF x Far_LoA	-7,942	-0,136	0,270
CHR15	2909358	CHR15:2909358	SSF x Far_LoA	-8,676	0,018	0,292
CHR15	2920614	CHR15:2920614	SSF x Far_LoA	-9,638	-0,002	0,286
CHR15	2920627	CHR15:2920627	SSF x Far_LoA	-8,944	-0,035	0,289
CHR15	2955883	CHR15:2955883	SSF x Far_LoA	-7,911	0,082	0,298
CHR15	2955885	CHR15:2955885	SSF x Far_LoA	-6,502	0,070	0,305
CHR15	2955918	CHR15:2955918	SSF x Far_LoA	-7,433	0,104	0,302
CHR15	2955960	CHR15:2955960	SSF x Far_LoA	-8,638	0,040	0,291
CHR15	2956041	CHR15:2956041	SSF x Far_LoA	-11,677	0,028	0,298
CHR15	2956059	CHR15:2956059	SSF x Far_LoA	-8,560	0,127	0,272
CHR15	2956074	CHR15:2956074	SSF x Far_LoA	-6,342	-0,108	0,303
CHR15	2956078	CHR15:2956078	SSF x Far_LoA	-7,815	0,132	0,299
CHR15	2956080	CHR15:2956080	SSF x Far_LoA	-11,688	0,032	0,296
CHR15	2956083	CHR15:2956083	SSF x Far_LoA	-7,895	-0,063	0,310
CHR15	2956125	CHR15:2956125	SSF x Far_LoA	-10,308	0,024	0,280
CHR15	2956137	CHR15:2956137	SSF x Far_LoA	-11,334	0,020	0,288
CHR15	296321	CHR15:296321	SSF x Far_LoA	-7,960	-0,060	0,308
CHR15	2966196	CHR15:2966196	SSF x Far_LoA	-9,400	-0,014	0,295
CHR15	2966336	CHR15:2966336	SSF x Far_LoA	-8,648	-0,110	0,297
CHR15	2969204	CHR15:2969204	SSF x Far_LoA	-9,568	0,148	0,284
CHR15	2969228	CHR15:2969228	SSF x Far_LoA	-10,369	-0,043	0,294
CHR15	2969252	CHR15:2969252	SSF x Far_LoA	-9,284	-0,069	0,300
CHR15	2973175	CHR15:2973175	SSF x Far_LoA	-9,559	-0,078	0,281
CHR15	2978343	CHR15:2978343	SSF x Far_LoA	-11,188	0,067	0,290
CHR15	2982655	CHR15:2982655	SSF x Far_LoA	-8,988	-0,020	0,265
CHR15	2982739	CHR15:2982739	SSF x Far_LoA	-11,023	0,055	0,285
CHR15	2982832	CHR15:2982832	SSF x Far_LoA	-7,944	-0,023	0,291

CHR15	2989639	CHR15:2989639	SSF x Far_LoA	-10,840	-0,045	0,284
CHR15	2990884	CHR15:2990884	SSF x Far_LoA	-8,909	0,006	0,294
CHR15	2991031	CHR15:2991031	SSF x Far_LoA	-9,272	-0,084	0,301
CHR15	2991077	CHR15:2991077	SSF x Far_LoA	-9,972	-0,091	0,310
CHR15	2991082	CHR15:2991082	SSF x Far_LoA	-9,857	0,006	0,301
CHR15	2999701	CHR15:2999701	SSF x Far_LoA	-8,330	-0,052	0,307
CHR15	2999711	CHR15:2999711	SSF x Far_LoA	-8,562	-0,069	0,296
CHR15	3004140	CHR15:3004140	SSF x Far_LoA	-9,726	0,044	0,277
CHR15	3004524	CHR15:3004524	SSF x Far_LoA	-8,876	0,033	0,290
CHR15	3052361	CHR15:3052361	SSF x Far_LoA	-7,709	-0,054	0,297
CHR15	3055323	CHR15:3055323	SSF x Far_LoA	-11,922	-0,017	0,288
CHR15	3056727	CHR15:3056727	SSF x Far_LoA	-10,097	-0,015	0,291
CHR15	3056974	CHR15:3056974	SSF x Far_LoA	-11,475	-0,081	0,295
CHR15	3056979	CHR15:3056979	SSF x Far_LoA	-9,341	0,079	0,287
CHR15	3062286	CHR15:3062286	SSF x Far_LoA	-7,968	-0,004	0,310
CHR15	3062321	CHR15:3062321	SSF x Far_LoA	-3,650	0,023	0,302
CHR15	3062364	CHR15:3062364	SSF x Far_LoA	-10,097	0,016	0,291
CHR15	3062447	CHR15:3062447	SSF x Far_LoA	-8,046	0,024	0,289
CHR15	3062544	CHR15:3062544	SSF x Far_LoA	-9,257	0,061	0,300
CHR15	3074957	CHR15:3074957	SSF x Far_LoA	-9,403	-0,005	0,304
CHR15	3089095	CHR15:3089095	SSF x Far_LoA	-10,083	-0,052	0,296
CHR15	3089115	CHR15:3089115	SSF x Far_LoA	-7,754	0,062	0,296
CHR15	3090707	CHR15:3090707	SSF x Far_LoA	-6,370	0,105	0,291
CHR15	3090821	CHR15:3090821	SSF x Far_LoA	-9,792	-0,002	0,299
CHR15	3093005	CHR15:3093005	SSF x Far_LoA	-10,003	0,028	0,290
CHR15	3093033	CHR15:3093033	SSF x Far_LoA	-7,681	0,110	0,292
CHR15	3093146	CHR15:3093146	SSF x Far_LoA	-8,065	0,001	0,310
CHR15	3096502	CHR15:3096502	SSF x Far_LoA	-8,317	0,001	0,300
CHR15	3106951	CHR15:3106951	SSF x Far_LoA	-11,093	0,042	0,287
CHR15	3106985	CHR15:3106985	SSF x Far_LoA	-11,226	-0,053	0,296
CHR15	3108784	CHR15:3108784	SSF x Far_LoA	-2,864	0,050	0,296
CHR15	3118590	CHR15:3118590	SSF x Far_LoA	-10,254	0,077	0,297
CHR15	3118634	CHR15:3118634	SSF x Far_LoA	-7,334	0,158	0,287
CHR15	3118656	CHR15:3118656	SSF x Far_LoA	-9,133	-0,098	0,290
CHR15	3118708	CHR15:3118708	SSF x Far_LoA	-6,273	-0,067	0,295
CHR15	3141513	CHR15:3141513	SSF x Far_LoA	-9,106	0,097	0,300
CHR15	3141525	CHR15:3141525	SSF x Far_LoA	-11,788	-0,071	0,286
CHR15	3145070	CHR15:3145070	SSF x Far_LoA	-8,278	-0,095	0,291
CHR15	3159942	CHR15:3159942	SSF x Far_LoA	-8,154	-0,031	0,285
CHR15	3159945	CHR15:3159945	SSF x Far_LoA	-8,945	-0,149	0,279
CHR15	3160024	CHR15:3160024	SSF x Far_LoA	-9,044	-0,046	0,285
CHR15	3160076	CHR15:3160076	SSF x Far_LoA	-4,755	0,062	0,306
CHR15	3168262	CHR15:3168262	SSF x Far_LoA	-8,290	0,158	0,272
CHR15	3170240	CHR15:3170240	SSF x Far_LoA	-12,135	0,041	0,301
CHR15	3180855	CHR15:3180855	SSF x Far_LoA	-10,229	-0,051	0,283
CHR15	3201656	CHR15:3201656	SSF x Far_LoA	-7,738	-0,181	0,277
CHR15	3203757	CHR15:3203757	SSF x Far_LoA	-8,892	0,045	0,293
CHR15	3203859	CHR15:3203859	SSF x Far_LoA	-10,720	-0,048	0,288
CHR15	3203935	CHR15:3203935	SSF x Far_LoA	-8,338	0,075	0,292
CHR15	3217821	CHR15:3217821	SSF x Far_LoA	-9,252	-0,098	0,284
CHR15	3219395	CHR15:3219395	SSF x Far_LoA	-9,865	0,007	0,296
CHR15	3219554	CHR15:3219554	SSF x Far_LoA	-7,895	-0,076	0,297
CHR15	3221152	CHR15:3221152	SSF x Far_LoA	-9,792	0,055	0,296

CHR15	3224050	CHR15:3224050	SSF x Far_LoA	-10,826	0,058	0,290
CHR15	3224242	CHR15:3224242	SSF x Far_LoA	-6,348	-0,115	0,299
CHR15	3231246	CHR15:3231246	SSF x Far_LoA	-10,478	-0,017	0,309
CHR15	3231490	CHR15:3231490	SSF x Far_LoA	-9,941	0,019	0,295
CHR15	3231670	CHR15:3231670	SSF x Far_LoA	-11,445	-0,020	0,298
CHR15	3242751	CHR15:3242751	SSF x Far_LoA	-8,983	0,083	0,280
CHR15	3245834	CHR15:3245834	SSF x Far_LoA	-4,658	0,021	0,292
CHR15	3245842	CHR15:3245842	SSF x Far_LoA	-11,938	0,012	0,289
CHR15	3246934	CHR15:3246934	SSF x Far_LoA	-7,977	-0,035	0,309
CHR15	3247061	CHR15:3247061	SSF x Far_LoA	-8,309	0,040	0,277
CHR15	3276688	CHR15:3276688	SSF x Far_LoA	-9,654	0,093	0,287
CHR15	3278639	CHR15:3278639	SSF x Far_LoA	-10,185	0,081	0,299
CHR15	3284948	CHR15:3284948	SSF x Far_LoA	-2,955	0,210	0,280
CHR15	3284986	CHR15:3284986	SSF x Far_LoA	-10,102	-0,058	0,281
CHR15	3285892	CHR15:3285892	SSF x Far_LoA	-9,564	-0,013	0,295
CHR15	3285901	CHR15:3285901	SSF x Far_LoA	-8,795	-0,093	0,293
CHR15	3285914	CHR15:3285914	SSF x Far_LoA	-9,841	0,023	0,277
CHR15	3285934	CHR15:3285934	SSF x Far_LoA	-9,452	-0,042	0,292
CHR15	3285937	CHR15:3285937	SSF x Far_LoA	-7,915	0,072	0,286
CHR15	3286051	CHR15:3286051	SSF x Far_LoA	-6,696	-0,167	0,295
CHR15	3305411	CHR15:3305411	SSF x Far_LoA	-7,230	0,094	0,286
CHR15	3305447	CHR15:3305447	SSF x Far_LoA	-10,928	0,047	0,305
CHR15	3310061	CHR15:3310061	SSF x Far_LoA	-7,481	-0,066	0,290
CHR15	3318540	CHR15:3318540	SSF x Far_LoA	-10,418	0,060	0,296
CHR15	3322072	CHR15:3322072	SSF x Far_LoA	-8,869	-0,175	0,294
CHR15	3322075	CHR15:3322075	SSF x Far_LoA	-7,148	-0,081	0,296
CHR15	3322124	CHR15:3322124	SSF x Far_LoA	-10,840	0,099	0,282
CHR15	3322134	CHR15:3322134	SSF x Far_LoA	-9,516	0,061	0,285
CHR15	3322191	CHR15:3322191	SSF x Far_LoA	-9,768	0,074	0,295
CHR15	3322260	CHR15:3322260	SSF x Far_LoA	-10,699	-0,050	0,298
CHR15	3324966	CHR15:3324966	SSF x Far_LoA	-10,494	-0,048	0,284
CHR15	3325042	CHR15:3325042	SSF x Far_LoA	-10,965	-0,016	0,301
CHR15	3336019	CHR15:3336019	SSF x Far_LoA	-10,821	0,038	0,289
CHR15	3336021	CHR15:3336021	SSF x Far_LoA	-9,538	0,054	0,292
CHR15	3336034	CHR15:3336034	SSF x Far_LoA	-10,974	0,073	0,289
CHR15	3342024	CHR15:3342024	SSF x Far_LoA	-9,681	-0,026	0,283
CHR15	3342051	CHR15:3342051	SSF x Far_LoA	-10,765	-0,030	0,284
CHR15	3342360	CHR15:3342360	SSF x Far_LoA	-9,183	-0,061	0,298
CHR15	3347697	CHR15:3347697	SSF x Far_LoA	-10,632	-0,053	0,289
CHR15	3350706	CHR15:3350706	SSF x Far_LoA	-5,028	-0,033	0,302
CHR15	335456	CHR15:335456	SSF x Far_LoA	-10,310	-0,120	0,285
CHR15	3355563	CHR15:3355563	SSF x Far_LoA	-9,922	0,059	0,292
CHR15	3355604	CHR15:3355604	SSF x Far_LoA	-9,191	0,092	0,290
CHR15	3355643	CHR15:3355643	SSF x Far_LoA	-2,944	0,087	0,290
CHR15	3360998	CHR15:3360998	SSF x Far_LoA	-9,748	0,019	0,270
CHR15	3361084	CHR15:3361084	SSF x Far_LoA	-6,593	-0,010	0,281
CHR15	3363194	CHR15:3363194	SSF x Far_LoA	-10,549	0,082	0,296
CHR15	3368121	CHR15:3368121	SSF x Far_LoA	-2,798	-0,183	0,274
CHR15	3368163	CHR15:3368163	SSF x Far_LoA	-8,956	-0,024	0,293
CHR15	3374869	CHR15:3374869	SSF x Far_LoA	-5,410	-0,019	0,291
CHR15	3374904	CHR15:3374904	SSF x Far_LoA	-8,643	0,012	0,286
CHR15	3374919	CHR15:3374919	SSF x Far_LoA	-10,275	-0,015	0,285
CHR15	3376891	CHR15:3376891	SSF x Far_LoA	-10,782	0,032	0,296

CHR15	3386930	CHR15:3386930	SSF x Far_LoA	-10,186	0,021	0,290
CHR15	3438464	CHR15:3438464	SSF x Far_LoA	-7,876	-0,095	0,275
CHR15	3438615	CHR15:3438615	SSF x Far_LoA	-8,511	-0,046	0,294
CHR15	3442306	CHR15:3442306	SSF x Far_LoA	-9,893	0,073	0,300
CHR15	3442339	CHR15:3442339	SSF x Far_LoA	-5,896	-0,160	0,284
CHR15	3442414	CHR15:3442414	SSF x Far_LoA	-9,437	-0,092	0,300
CHR15	3450782	CHR15:3450782	SSF x Far_LoA	-8,972	-0,007	0,290
CHR15	3450785	CHR15:3450785	SSF x Far_LoA	-8,539	-0,025	0,285
CHR15	3450801	CHR15:3450801	SSF x Far_LoA	-8,112	0,005	0,295
CHR15	3450805	CHR15:3450805	SSF x Far_LoA	-8,331	-0,026	0,304
CHR15	3450839	CHR15:3450839	SSF x Far_LoA	-8,434	0,003	0,285
CHR15	3450969	CHR15:3450969	SSF x Far_LoA	-10,887	0,060	0,283
CHR15	3455093	CHR15:3455093	SSF x Far_LoA	-7,726	0,128	0,282
CHR15	3457788	CHR15:3457788	SSF x Far_LoA	-8,003	0,166	0,282
CHR15	3475836	CHR15:3475836	SSF x Far_LoA	-7,638	-0,149	0,300
CHR15	3490754	CHR15:3490754	SSF x Far_LoA	-8,208	0,008	0,304
CHR15	3490850	CHR15:3490850	SSF x Far_LoA	-8,510	0,018	0,295
CHR15	3490881	CHR15:3490881	SSF x Far_LoA	-8,147	0,078	0,292
CHR15	3490882	CHR15:3490882	SSF x Far_LoA	-6,318	0,066	0,294
CHR15	3490883	CHR15:3490883	SSF x Far_LoA	-8,417	0,068	0,293
CHR15	3490927	CHR15:3490927	SSF x Far_LoA	-8,713	0,033	0,289
CHR15	3490964	CHR15:3490964	SSF x Far_LoA	-8,672	0,093	0,302
CHR15	3539583	CHR15:3539583	SSF x Far_LoA	-8,606	0,123	0,281
CHR15	3539755	CHR15:3539755	SSF x Far_LoA	-9,562	0,017	0,301
CHR15	3539849	CHR15:3539849	SSF x Far_LoA	-9,292	0,044	0,294
CHR15	3539868	CHR15:3539868	SSF x Far_LoA	-10,760	-0,080	0,307
CHR15	3554270	CHR15:3554270	SSF x Far_LoA	-10,427	-0,118	0,289
CHR15	3554362	CHR15:3554362	SSF x Far_LoA	-8,214	0,062	0,310
CHR15	3561025	CHR15:3561025	SSF x Far_LoA	-9,756	0,158	0,290
CHR15	3572529	CHR15:3572529	SSF x Far_LoA	-11,025	0,066	0,296
CHR15	3572558	CHR15:3572558	SSF x Far_LoA	-10,840	-0,019	0,297
CHR15	3572586	CHR15:3572586	SSF x Far_LoA	-8,874	0,126	0,294
CHR15	3572588	CHR15:3572588	SSF x Far_LoA	-11,075	0,013	0,292
CHR15	3572593	CHR15:3572593	SSF x Far_LoA	-8,683	0,125	0,292
CHR15	3572594	CHR15:3572594	SSF x Far_LoA	-2,230	0,140	0,296
CHR15	3572605	CHR15:3572605	SSF x Far_LoA	1,731	0,092	0,308
CHR15	3572612	CHR15:3572612	SSF x Far_LoA	6,990	0,122	0,285
CHR15	3572627	CHR15:3572627	SSF x Far_LoA	-8,822	0,163	0,285
CHR15	3572695	CHR15:3572695	SSF x Far_LoA	-3,517	-0,098	0,291
CHR15	3572711	CHR15:3572711	SSF x Far_LoA	-7,683	-0,005	0,291
CHR15	3572725	CHR15:3572725	SSF x Far_LoA	-6,707	0,008	0,300
CHR15	3572727	CHR15:3572727	SSF x Far_LoA	-9,234	-0,015	0,298
CHR15	3572782	CHR15:3572782	SSF x Far_LoA	-8,724	-0,023	0,305
CHR15	3572792	CHR15:3572792	SSF x Far_LoA	-6,501	-0,021	0,310
CHR15	3574115	CHR15:3574115	SSF x Far_LoA	-9,159	0,035	0,302
CHR15	3574117	CHR15:3574117	SSF x Far_LoA	-8,091	0,032	0,304
CHR15	3583389	CHR15:3583389	SSF x Far_LoA	-10,135	-0,068	0,283
CHR15	3583481	CHR15:3583481	SSF x Far_LoA	-10,972	0,004	0,313
CHR15	3583640	CHR15:3583640	SSF x Far_LoA	-10,111	0,012	0,291
CHR15	3583643	CHR15:3583643	SSF x Far_LoA	-8,967	-0,016	0,292
CHR15	358709	CHR15:358709	SSF x Far_LoA	-11,456	0,087	0,274
CHR15	358749	CHR15:358749	SSF x Far_LoA	-10,100	-0,082	0,280
CHR15	358821	CHR15:358821	SSF x Far_LoA	-8,894	0,047	0,291

CHR15	358859	CHR15:358859	SSF x Far_LoA	-8,140	-0,045	0,291
CHR15	3613635	CHR15:3613635	SSF x Far_LoA	-8,174	-0,095	0,275
CHR15	3613699	CHR15:3613699	SSF x Far_LoA	-9,780	0,104	0,286
CHR15	3623439	CHR15:3623439	SSF x Far_LoA	-8,072	0,151	0,288
CHR15	3623585	CHR15:3623585	SSF x Far_LoA	-5,772	-0,130	0,282
CHR15	3631816	CHR15:3631816	SSF x Far_LoA	-8,555	0,127	0,276
CHR15	3631837	CHR15:3631837	SSF x Far_LoA	-9,404	0,080	0,286
CHR15	3631899	CHR15:3631899	SSF x Far_LoA	-9,549	-0,068	0,285
CHR15	3633615	CHR15:3633615	SSF x Far_LoA	-8,135	-0,084	0,291
CHR15	3647727	CHR15:3647727	SSF x Far_LoA	-10,309	0,079	0,285
CHR15	3648957	CHR15:3648957	SSF x Far_LoA	-10,019	-0,042	0,301
CHR15	3669597	CHR15:3669597	SSF x Far_LoA	-7,596	0,003	0,312
CHR15	3669780	CHR15:3669780	SSF x Far_LoA	-8,755	-0,116	0,288
CHR15	3669782	CHR15:3669782	SSF x Far_LoA	-8,291	-0,130	0,283
CHR15	3673339	CHR15:3673339	SSF x Far_LoA	-6,742	0,090	0,283
CHR15	3673351	CHR15:3673351	SSF x Far_LoA	-6,592	0,150	0,268
CHR15	3673500	CHR15:3673500	SSF x Far_LoA	-7,505	0,111	0,283
CHR15	3673524	CHR15:3673524	SSF x Far_LoA	-11,160	-0,070	0,285
CHR15	3676332	CHR15:3676332	SSF x Far_LoA	-11,358	-0,052	0,287
CHR15	3676494	CHR15:3676494	SSF x Far_LoA	-10,763	-0,047	0,299
CHR15	3678476	CHR15:3678476	SSF x Far_LoA	-9,193	0,150	0,281
CHR15	3678485	CHR15:3678485	SSF x Far_LoA	-10,214	-0,130	0,290
CHR15	3687432	CHR15:3687432	SSF x Far_LoA	-11,487	-0,104	0,266
CHR15	3688212	CHR15:3688212	SSF x Far_LoA	-10,052	0,018	0,283
CHR15	3690262	CHR15:3690262	SSF x Far_LoA	-6,585	-0,205	0,286
CHR15	3690318	CHR15:3690318	SSF x Far_LoA	-8,413	-0,155	0,280
CHR15	3690495	CHR15:3690495	SSF x Far_LoA	-10,368	0,079	0,306
CHR15	3690500	CHR15:3690500	SSF x Far_LoA	-9,449	0,056	0,292
CHR15	3690537	CHR15:3690537	SSF x Far_LoA	-4,487	0,229	0,272
CHR15	3690558	CHR15:3690558	SSF x Far_LoA	-7,283	0,156	0,291
CHR15	3690586	CHR15:3690586	SSF x Far_LoA	-2,691	-0,200	0,286
CHR15	3690628	CHR15:3690628	SSF x Far_LoA	-7,209	0,064	0,303
CHR15	3696078	CHR15:3696078	SSF x Far_LoA	-9,241	-0,138	0,292
CHR15	3698449	CHR15:3698449	SSF x Far_LoA	-10,297	-0,124	0,289
CHR15	3698538	CHR15:3698538	SSF x Far_LoA	-11,447	-0,076	0,296
CHR15	3698552	CHR15:3698552	SSF x Far_LoA	-7,578	-0,130	0,302
CHR15	3698561	CHR15:3698561	SSF x Far_LoA	-9,794	0,063	0,300
CHR15	3698623	CHR15:3698623	SSF x Far_LoA	-11,263	-0,007	0,300
CHR15	3698661	CHR15:3698661	SSF x Far_LoA	-8,323	0,069	0,298
CHR15	3698703	CHR15:3698703	SSF x Far_LoA	-8,258	-0,051	0,295
CHR15	3698716	CHR15:3698716	SSF x Far_LoA	-6,095	0,094	0,295
CHR15	3700245	CHR15:3700245	SSF x Far_LoA	-9,857	-0,049	0,293
CHR15	3700283	CHR15:3700283	SSF x Far_LoA	-8,726	-0,030	0,295
CHR15	3708829	CHR15:3708829	SSF x Far_LoA	-7,871	-0,019	0,294
CHR15	3708979	CHR15:3708979	SSF x Far_LoA	-8,221	0,110	0,295
CHR15	3709004	CHR15:3709004	SSF x Far_LoA	-8,818	0,095	0,285
CHR15	3709025	CHR15:3709025	SSF x Far_LoA	-10,899	0,022	0,276
CHR15	3709081	CHR15:3709081	SSF x Far_LoA	-7,975	0,074	0,288
CHR15	3710836	CHR15:3710836	SSF x Far_LoA	-9,550	-0,054	0,288
CHR15	3710858	CHR15:3710858	SSF x Far_LoA	-10,526	-0,021	0,308
CHR15	3711945	CHR15:3711945	SSF x Far_LoA	-8,090	0,034	0,306
CHR15	3711987	CHR15:3711987	SSF x Far_LoA	-9,647	-0,007	0,273
CHR15	3711991	CHR15:3711991	SSF x Far_LoA	-9,524	-0,022	0,276

CHR15	3715246	CHR15:3715246	SSF x Far_LoA	-10,220	0,045	0,292
CHR15	3715517	CHR15:3715517	SSF x Far_LoA	-9,873	-0,011	0,295
CHR15	3715533	CHR15:3715533	SSF x Far_LoA	-8,957	-0,065	0,290
CHR15	3715541	CHR15:3715541	SSF x Far_LoA	-10,398	-0,097	0,299
CHR15	372684	CHR15:372684	SSF x Far_LoA	-8,600	0,160	0,290
CHR15	373156	CHR15:373156	SSF x Far_LoA	-10,079	0,095	0,290
CHR15	3732289	CHR15:3732289	SSF x Far_LoA	-9,528	-0,024	0,291
CHR15	3732409	CHR15:3732409	SSF x Far_LoA	-11,165	0,017	0,268
CHR15	3732452	CHR15:3732452	SSF x Far_LoA	-7,345	-0,086	0,291
CHR15	3732620	CHR15:3732620	SSF x Far_LoA	-9,187	0,089	0,300
CHR15	3751105	CHR15:3751105	SSF x Far_LoA	-11,803	-0,004	0,289
CHR15	3751118	CHR15:3751118	SSF x Far_LoA	-10,193	0,065	0,293
CHR15	3751214	CHR15:3751214	SSF x Far_LoA	-10,250	-0,015	0,287
CHR15	3751249	CHR15:3751249	SSF x Far_LoA	-11,937	-0,005	0,295
CHR15	3757532	CHR15:3757532	SSF x Far_LoA	-8,714	-0,122	0,291
CHR15	3757557	CHR15:3757557	SSF x Far_LoA	-7,785	-0,082	0,295
CHR15	3757645	CHR15:3757645	SSF x Far_LoA	-8,237	0,090	0,278
CHR15	3764586	CHR15:3764586	SSF x Far_LoA	-8,947	0,047	0,308
CHR15	3764698	CHR15:3764698	SSF x Far_LoA	-5,523	0,112	0,297
CHR15	3779947	CHR15:3779947	SSF x Far_LoA	-7,634	-0,152	0,282
CHR15	3782023	CHR15:3782023	SSF x Far_LoA	-8,500	0,142	0,290
CHR15	3787544	CHR15:3787544	SSF x Far_LoA	-10,096	-0,092	0,287
CHR15	3787562	CHR15:3787562	SSF x Far_LoA	-7,093	-0,026	0,301
CHR15	3787704	CHR15:3787704	SSF x Far_LoA	-9,081	0,084	0,282
CHR15	3787761	CHR15:3787761	SSF x Far_LoA	-10,288	0,056	0,294
CHR15	3791936	CHR15:3791936	SSF x Far_LoA	-9,842	-0,037	0,278
CHR15	3791953	CHR15:3791953	SSF x Far_LoA	-10,628	0,055	0,290
CHR15	379450	CHR15:379450	SSF x Far_LoA	-9,342	-0,141	0,283
CHR15	3807418	CHR15:3807418	SSF x Far_LoA	-10,168	0,113	0,295
CHR15	3807466	CHR15:3807466	SSF x Far_LoA	-11,504	-0,014	0,286
CHR15	3807504	CHR15:3807504	SSF x Far_LoA	-11,631	-0,013	0,300
CHR15	3851748	CHR15:3851748	SSF x Far_LoA	-10,494	0,088	0,284
CHR15	3851798	CHR15:3851798	SSF x Far_LoA	-11,511	-0,016	0,297
CHR15	3851804	CHR15:3851804	SSF x Far_LoA	-7,773	-0,060	0,288
CHR15	3851805	CHR15:3851805	SSF x Far_LoA	-11,450	0,062	0,294
CHR15	3851827	CHR15:3851827	SSF x Far_LoA	-9,750	-0,022	0,272
CHR15	3851840	CHR15:3851840	SSF x Far_LoA	-8,004	-0,008	0,286
CHR15	3851889	CHR15:3851889	SSF x Far_LoA	-9,643	-0,005	0,287
CHR15	3851906	CHR15:3851906	SSF x Far_LoA	-9,925	0,001	0,287
CHR15	3855471	CHR15:3855471	SSF x Far_LoA	-8,387	0,049	0,283
CHR15	3855488	CHR15:3855488	SSF x Far_LoA	-7,213	0,039	0,296
CHR15	3855501	CHR15:3855501	SSF x Far_LoA	-7,076	-0,032	0,295
CHR15	3855507	CHR15:3855507	SSF x Far_LoA	-8,277	0,122	0,266
CHR15	3862116	CHR15:3862116	SSF x Far_LoA	-11,281	-0,030	0,292
CHR15	3862622	CHR15:3862622	SSF x Far_LoA	-7,387	-0,026	0,299
CHR15	3864912	CHR15:3864912	SSF x Far_LoA	-10,633	-0,037	0,299
CHR15	3864996	CHR15:3864996	SSF x Far_LoA	-7,760	-0,116	0,298
CHR15	3865077	CHR15:3865077	SSF x Far_LoA	-4,798	0,188	0,287
CHR15	3865123	CHR15:3865123	SSF x Far_LoA	0,120	0,140	0,299
CHR15	3866824	CHR15:3866824	SSF x Far_LoA	-1,228	0,164	0,289
CHR15	3866869	CHR15:3866869	SSF x Far_LoA	-8,529	0,070	0,287
CHR15	3866873	CHR15:3866873	SSF x Far_LoA	-6,842	0,134	0,290
CHR15	3867008	CHR15:3867008	SSF x Far_LoA	-11,833	0,023	0,292

CHR15	3867044	CHR15:3867044	SSF x Far_LoA	-7,300	-0,061	0,288
CHR15	3873866	CHR15:3873866	SSF x Far_LoA	-11,167	-0,048	0,285
CHR15	3873880	CHR15:3873880	SSF x Far_LoA	-9,376	-0,003	0,274
CHR15	3873960	CHR15:3873960	SSF x Far_LoA	-8,384	-0,072	0,277
CHR15	3873964	CHR15:3873964	SSF x Far_LoA	-8,778	-0,052	0,287
CHR15	3873965	CHR15:3873965	SSF x Far_LoA	-8,620	-0,046	0,291
CHR15	3873969	CHR15:3873969	SSF x Far_LoA	-9,142	-0,053	0,286
CHR15	3879002	CHR15:3879002	SSF x Far_LoA	-8,917	0,106	0,278
CHR15	3879766	CHR15:3879766	SSF x Far_LoA	-8,512	0,142	0,285
CHR15	3879842	CHR15:3879842	SSF x Far_LoA	-7,680	-0,064	0,293
CHR15	3879860	CHR15:3879860	SSF x Far_LoA	-9,162	0,116	0,292
CHR15	3879873	CHR15:3879873	SSF x Far_LoA	-7,972	-0,138	0,281
CHR15	3884115	CHR15:3884115	SSF x Far_LoA	-8,104	-0,151	0,287
CHR15	3891211	CHR15:3891211	SSF x Far_LoA	-4,518	-0,042	0,294
CHR15	3891246	CHR15:3891246	SSF x Far_LoA	-7,981	0,078	0,307
CHR15	3891297	CHR15:3891297	SSF x Far_LoA	-11,148	0,055	0,297
CHR15	3891319	CHR15:3891319	SSF x Far_LoA	-7,726	-0,108	0,301
CHR15	3891469	CHR15:3891469	SSF x Far_LoA	-11,845	-0,040	0,293
CHR15	3891555	CHR15:3891555	SSF x Far_LoA	-5,398	0,090	0,295
CHR15	3895568	CHR15:3895568	SSF x Far_LoA	-10,793	-0,051	0,285
CHR15	3895695	CHR15:3895695	SSF x Far_LoA	-11,179	0,075	0,289
CHR15	3895746	CHR15:3895746	SSF x Far_LoA	-9,084	-0,066	0,293
CHR15	3895787	CHR15:3895787	SSF x Far_LoA	-10,959	0,050	0,282
CHR15	3895795	CHR15:3895795	SSF x Far_LoA	-9,704	0,017	0,280
CHR15	3895914	CHR15:3895914	SSF x Far_LoA	-9,794	-0,036	0,297
CHR15	3897629	CHR15:3897629	SSF x Far_LoA	-11,829	-0,039	0,299
CHR15	3897686	CHR15:3897686	SSF x Far_LoA	-10,477	-0,058	0,269
CHR15	3897692	CHR15:3897692	SSF x Far_LoA	-8,086	-0,061	0,277
CHR15	3897757	CHR15:3897757	SSF x Far_LoA	-11,770	0,054	0,284
CHR15	3897903	CHR15:3897903	SSF x Far_LoA	-7,884	0,111	0,290
CHR15	3902953	CHR15:3902953	SSF x Far_LoA	-10,946	0,032	0,288
CHR15	3903036	CHR15:3903036	SSF x Far_LoA	-9,930	0,044	0,296
CHR15	3903161	CHR15:3903161	SSF x Far_LoA	-10,425	0,145	0,280
CHR15	39056	CHR15:39056	SSF x Far_LoA	-9,624	-0,131	0,287
CHR15	3908749	CHR15:3908749	SSF x Far_LoA	-8,678	0,065	0,295
CHR15	3908757	CHR15:3908757	SSF x Far_LoA	-8,859	-0,016	0,300
CHR15	3908836	CHR15:3908836	SSF x Far_LoA	-7,230	-0,094	0,287
CHR15	3908953	CHR15:3908953	SSF x Far_LoA	-10,011	0,097	0,300
CHR15	3909038	CHR15:3909038	SSF x Far_LoA	-9,315	0,043	0,294
CHR15	3909065	CHR15:3909065	SSF x Far_LoA	-7,939	0,018	0,299
CHR15	391366	CHR15:391366	SSF x Far_LoA	-8,845	0,014	0,288
CHR15	391367	CHR15:391367	SSF x Far_LoA	-10,405	-0,008	0,307
CHR15	391372	CHR15:391372	SSF x Far_LoA	-9,810	0,019	0,270
CHR15	391465	CHR15:391465	SSF x Far_LoA	-10,742	-0,009	0,286
CHR15	391555	CHR15:391555	SSF x Far_LoA	-8,538	0,019	0,292
CHR15	3964551	CHR15:3964551	SSF x Far_LoA	-9,030	0,114	0,286
CHR15	3964558	CHR15:3964558	SSF x Far_LoA	-9,959	-0,025	0,311
CHR15	3973484	CHR15:3973484	SSF x Far_LoA	-10,597	0,135	0,286
CHR15	3973604	CHR15:3973604	SSF x Far_LoA	-10,639	0,052	0,289
CHR15	3973610	CHR15:3973610	SSF x Far_LoA	-11,298	0,009	0,279
CHR15	3973734	CHR15:3973734	SSF x Far_LoA	-10,401	-0,020	0,296
CHR15	398992	CHR15:398992	SSF x Far_LoA	-8,886	0,065	0,299
CHR15	399164	CHR15:399164	SSF x Far_LoA	-10,051	-0,038	0,297

CHR15	3999793	CHR15:3999793	SSF x Far_LoA	-11,863	-0,047	0,298
CHR15	4017708	CHR15:4017708	SSF x Far_LoA	-10,394	-0,060	0,299
CHR15	4036689	CHR15:4036689	SSF x Far_LoA	-9,103	0,030	0,272
CHR15	4036699	CHR15:4036699	SSF x Far_LoA	-9,832	0,020	0,294
CHR15	4036742	CHR15:4036742	SSF x Far_LoA	-6,973	-0,077	0,292
CHR15	4036759	CHR15:4036759	SSF x Far_LoA	-7,383	-0,031	0,293
CHR15	4036762	CHR15:4036762	SSF x Far_LoA	-9,993	-0,052	0,295
CHR15	4038946	CHR15:4038946	SSF x Far_LoA	-9,429	0,028	0,269
CHR15	4061109	CHR15:4061109	SSF x Far_LoA	-1,744	0,073	0,288
CHR15	406769	CHR15:406769	SSF x Far_LoA	-8,275	0,141	0,278
CHR15	406838	CHR15:406838	SSF x Far_LoA	-6,032	0,100	0,290
CHR15	4068589	CHR15:4068589	SSF x Far_LoA	-8,263	-0,066	0,297
CHR15	4068899	CHR15:4068899	SSF x Far_LoA	-9,208	0,065	0,300
CHR15	4070223	CHR15:4070223	SSF x Far_LoA	-9,184	-0,042	0,306
CHR15	4088118	CHR15:4088118	SSF x Far_LoA	-7,917	-0,147	0,288
CHR15	4088191	CHR15:4088191	SSF x Far_LoA	-11,939	-0,006	0,284
CHR15	4088200	CHR15:4088200	SSF x Far_LoA	-9,737	0,007	0,291
CHR15	4088220	CHR15:4088220	SSF x Far_LoA	-8,829	-0,040	0,298
CHR15	4088369	CHR15:4088369	SSF x Far_LoA	3,979	-0,152	0,287
CHR15	4095565	CHR15:4095565	SSF x Far_LoA	-6,021	-0,170	0,285
CHR15	4096828	CHR15:4096828	SSF x Far_LoA	-6,129	-0,153	0,290
CHR15	4096904	CHR15:4096904	SSF x Far_LoA	-9,168	-0,052	0,289
CHR15	4100124	CHR15:4100124	SSF x Far_LoA	-10,533	-0,047	0,286
CHR15	4100199	CHR15:4100199	SSF x Far_LoA	-10,814	0,021	0,291
CHR15	4100202	CHR15:4100202	SSF x Far_LoA	-10,583	0,031	0,287
CHR15	4100251	CHR15:4100251	SSF x Far_LoA	-10,839	-0,056	0,283
CHR15	4100285	CHR15:4100285	SSF x Far_LoA	-8,891	-0,037	0,291
CHR15	4104808	CHR15:4104808	SSF x Far_LoA	-8,333	0,054	0,298
CHR15	4104848	CHR15:4104848	SSF x Far_LoA	-7,002	-0,028	0,302
CHR15	4104880	CHR15:4104880	SSF x Far_LoA	-10,769	-0,042	0,291
CHR15	4105062	CHR15:4105062	SSF x Far_LoA	-11,246	0,049	0,280
CHR15	4120252	CHR15:4120252	SSF x Far_LoA	-7,245	0,137	0,292
CHR15	4120273	CHR15:4120273	SSF x Far_LoA	-11,468	-0,018	0,288
CHR15	4120387	CHR15:4120387	SSF x Far_LoA	-7,208	-0,114	0,280
CHR15	4124412	CHR15:4124412	SSF x Far_LoA	-11,222	-0,024	0,300
CHR15	4128420	CHR15:4128420	SSF x Far_LoA	-8,532	-0,013	0,284
CHR15	4128428	CHR15:4128428	SSF x Far_LoA	-8,516	-0,038	0,291
CHR15	4128465	CHR15:4128465	SSF x Far_LoA	-7,493	-0,101	0,299
CHR15	4129285	CHR15:4129285	SSF x Far_LoA	-7,343	-0,032	0,290
CHR15	4129338	CHR15:4129338	SSF x Far_LoA	-8,341	0,034	0,300
CHR15	4130812	CHR15:4130812	SSF x Far_LoA	-9,084	-0,084	0,296
CHR15	4156149	CHR15:4156149	SSF x Far_LoA	-10,377	0,067	0,286
CHR15	4156862	CHR15:4156862	SSF x Far_LoA	-6,966	-0,019	0,289
CHR15	4156863	CHR15:4156863	SSF x Far_LoA	-9,185	-0,018	0,295
CHR15	4156910	CHR15:4156910	SSF x Far_LoA	-8,949	-0,002	0,298
CHR15	4156912	CHR15:4156912	SSF x Far_LoA	-7,380	-0,014	0,290
CHR15	4158494	CHR15:4158494	SSF x Far_LoA	-11,623	0,017	0,285
CHR15	4158775	CHR15:4158775	SSF x Far_LoA	-7,832	0,104	0,286
CHR15	4163306	CHR15:4163306	SSF x Far_LoA	-10,068	0,158	0,274
CHR15	4182270	CHR15:4182270	SSF x Far_LoA	-10,072	-0,084	0,290
CHR15	4196822	CHR15:4196822	SSF x Far_LoA	-7,997	0,084	0,293
CHR15	4196834	CHR15:4196834	SSF x Far_LoA	-7,497	0,084	0,295
CHR15	4196856	CHR15:4196856	SSF x Far_LoA	-9,843	-0,060	0,282

CHR15	4196861	CHR15:4196861	SSF x Far_LoA	-9,378	0,089	0,285
CHR15	4196888	CHR15:4196888	SSF x Far_LoA	-10,342	0,042	0,295
CHR15	4196889	CHR15:4196889	SSF x Far_LoA	-9,234	0,070	0,300
CHR15	4196896	CHR15:4196896	SSF x Far_LoA	-8,486	-0,017	0,278
CHR15	4196909	CHR15:4196909	SSF x Far_LoA	-5,851	-0,118	0,293
CHR15	4196967	CHR15:4196967	SSF x Far_LoA	-7,951	-0,018	0,313
CHR15	4196998	CHR15:4196998	SSF x Far_LoA	-11,723	-0,007	0,294
CHR15	4197044	CHR15:4197044	SSF x Far_LoA	-8,537	-0,122	0,291
CHR15	422816	CHR15:422816	SSF x Far_LoA	-5,437	0,165	0,290
CHR15	422821	CHR15:422821	SSF x Far_LoA	-8,493	-0,079	0,288
CHR15	422936	CHR15:422936	SSF x Far_LoA	-9,583	-0,004	0,285
CHR15	422991	CHR15:422991	SSF x Far_LoA	-8,997	-0,025	0,311
CHR15	4234844	CHR15:4234844	SSF x Far_LoA	-8,651	-0,004	0,305
CHR15	4242517	CHR15:4242517	SSF x Far_LoA	-9,338	0,017	0,299
CHR15	4243979	CHR15:4243979	SSF x Far_LoA	-8,190	-0,026	0,297
CHR15	4244619	CHR15:4244619	SSF x Far_LoA	-10,661	-0,074	0,293
CHR15	4257524	CHR15:4257524	SSF x Far_LoA	-8,605	-0,148	0,278
CHR15	4257584	CHR15:4257584	SSF x Far_LoA	-7,253	0,155	0,287
CHR15	4257602	CHR15:4257602	SSF x Far_LoA	-10,336	-0,023	0,282
CHR15	4257637	CHR15:4257637	SSF x Far_LoA	-8,236	0,068	0,283
CHR15	4257672	CHR15:4257672	SSF x Far_LoA	-10,401	-0,132	0,286
CHR15	4257674	CHR15:4257674	SSF x Far_LoA	-10,142	0,026	0,288
CHR15	4257681	CHR15:4257681	SSF x Far_LoA	-7,901	-0,141	0,284
CHR15	4263193	CHR15:4263193	SSF x Far_LoA	-6,018	-0,135	0,282
CHR15	4263216	CHR15:4263216	SSF x Far_LoA	-9,524	-0,022	0,289
CHR15	4268934	CHR15:4268934	SSF x Far_LoA	-9,287	-0,001	0,295
CHR15	4269054	CHR15:4269054	SSF x Far_LoA	-9,118	0,109	0,280
CHR15	4269061	CHR15:4269061	SSF x Far_LoA	-9,067	0,046	0,295
CHR15	4269063	CHR15:4269063	SSF x Far_LoA	-8,966	0,063	0,292
CHR15	4272050	CHR15:4272050	SSF x Far_LoA	-10,903	0,026	0,276
CHR15	4272250	CHR15:4272250	SSF x Far_LoA	-7,958	-0,101	0,305
CHR15	4272252	CHR15:4272252	SSF x Far_LoA	-11,097	-0,040	0,281
CHR15	4272262	CHR15:4272262	SSF x Far_LoA	-10,802	-0,002	0,282
CHR15	4272288	CHR15:4272288	SSF x Far_LoA	-5,441	-0,043	0,306
CHR15	4279688	CHR15:4279688	SSF x Far_LoA	-10,211	-0,014	0,281
CHR15	4279853	CHR15:4279853	SSF x Far_LoA	-10,009	-0,096	0,286
CHR15	4285754	CHR15:4285754	SSF x Far_LoA	-10,836	0,062	0,286
CHR15	4287587	CHR15:4287587	SSF x Far_LoA	-9,299	0,075	0,298
CHR15	4287646	CHR15:4287646	SSF x Far_LoA	-8,475	-0,103	0,285
CHR15	4292398	CHR15:4292398	SSF x Far_LoA	-7,351	0,099	0,295
CHR15	4292439	CHR15:4292439	SSF x Far_LoA	-7,715	-0,057	0,302
CHR15	4292536	CHR15:4292536	SSF x Far_LoA	-10,423	0,052	0,281
CHR15	4296522	CHR15:4296522	SSF x Far_LoA	-10,233	0,095	0,289
CHR15	4310269	CHR15:4310269	SSF x Far_LoA	-8,885	-0,001	0,281
CHR15	4310342	CHR15:4310342	SSF x Far_LoA	-10,812	0,106	0,290
CHR15	4310357	CHR15:4310357	SSF x Far_LoA	-9,333	0,061	0,286
CHR15	4310359	CHR15:4310359	SSF x Far_LoA	-5,899	0,041	0,312
CHR15	432383	CHR15:432383	SSF x Far_LoA	-7,400	0,105	0,304
CHR15	432403	CHR15:432403	SSF x Far_LoA	-10,421	-0,123	0,298
CHR15	4330269	CHR15:4330269	SSF x Far_LoA	-7,657	0,007	0,306
CHR15	4330306	CHR15:4330306	SSF x Far_LoA	-6,499	-0,057	0,297
CHR15	4330381	CHR15:4330381	SSF x Far_LoA	-10,900	-0,052	0,292
CHR15	4330580	CHR15:4330580	SSF x Far_LoA	-10,898	-0,012	0,311

CHR15	4330595	CHR15:4330595	SSF x Far_LoA	-10,169	0,077	0,297
CHR15	435148	CHR15:435148	SSF x Far_LoA	-8,909	-0,007	0,291
CHR15	435178	CHR15:435178	SSF x Far_LoA	-9,603	0,009	0,291
CHR15	435214	CHR15:435214	SSF x Far_LoA	-11,096	-0,020	0,297
CHR15	4386942	CHR15:4386942	SSF x Far_LoA	-10,886	-0,027	0,300
CHR15	4386944	CHR15:4386944	SSF x Far_LoA	-11,147	-0,035	0,289
CHR15	4386960	CHR15:4386960	SSF x Far_LoA	-6,027	0,125	0,291
CHR15	4387008	CHR15:4387008	SSF x Far_LoA	-8,441	0,072	0,301
CHR15	4387021	CHR15:4387021	SSF x Far_LoA	-6,852	-0,144	0,282
CHR15	4387023	CHR15:4387023	SSF x Far_LoA	-7,166	-0,119	0,285
CHR15	4387026	CHR15:4387026	SSF x Far_LoA	-10,380	-0,015	0,298
CHR15	4387041	CHR15:4387041	SSF x Far_LoA	-6,391	0,125	0,289
CHR15	4387104	CHR15:4387104	SSF x Far_LoA	-8,444	0,009	0,311
CHR15	4387134	CHR15:4387134	SSF x Far_LoA	-8,068	-0,049	0,293
CHR15	4396462	CHR15:4396462	SSF x Far_LoA	-11,996	0,037	0,287
CHR15	4396504	CHR15:4396504	SSF x Far_LoA	-12,607	0,021	0,298
CHR15	4401249	CHR15:4401249	SSF x Far_LoA	-11,241	-0,058	0,290
CHR15	4401274	CHR15:4401274	SSF x Far_LoA	-10,557	-0,071	0,306
CHR15	4401325	CHR15:4401325	SSF x Far_LoA	-8,283	-0,072	0,292
CHR15	4401340	CHR15:4401340	SSF x Far_LoA	-6,208	-0,084	0,306
CHR15	4424829	CHR15:4424829	SSF x Far_LoA	-8,422	0,176	0,273
CHR15	4424850	CHR15:4424850	SSF x Far_LoA	-9,588	0,076	0,296
CHR15	4425081	CHR15:4425081	SSF x Far_LoA	-10,081	0,063	0,281
CHR15	4465106	CHR15:4465106	SSF x Far_LoA	-8,450	-0,029	0,285
CHR15	4474744	CHR15:4474744	SSF x Far_LoA	-9,675	-0,019	0,277
CHR15	4476311	CHR15:4476311	SSF x Far_LoA	-10,123	0,107	0,296
CHR15	4476355	CHR15:4476355	SSF x Far_LoA	-8,440	0,088	0,288
CHR15	4476363	CHR15:4476363	SSF x Far_LoA	-9,968	0,071	0,286
CHR15	4476372	CHR15:4476372	SSF x Far_LoA	-10,641	0,026	0,289
CHR15	4476427	CHR15:4476427	SSF x Far_LoA	-7,881	-0,039	0,291
CHR15	4476430	CHR15:4476430	SSF x Far_LoA	-7,098	0,083	0,298
CHR15	4477536	CHR15:4477536	SSF x Far_LoA	-9,627	0,012	0,294
CHR15	4477543	CHR15:4477543	SSF x Far_LoA	-10,480	0,066	0,301
CHR15	4477587	CHR15:4477587	SSF x Far_LoA	-10,566	-0,005	0,298
CHR15	4477632	CHR15:4477632	SSF x Far_LoA	-10,551	-0,041	0,285
CHR15	4477700	CHR15:4477700	SSF x Far_LoA	-10,336	0,136	0,283
CHR15	4497082	CHR15:4497082	SSF x Far_LoA	-11,477	0,044	0,270
CHR15	4497387	CHR15:4497387	SSF x Far_LoA	-5,456	0,214	0,270
CHR15	4497408	CHR15:4497408	SSF x Far_LoA	-7,790	0,004	0,294
CHR15	4507539	CHR15:4507539	SSF x Far_LoA	-6,872	0,069	0,295
CHR15	4507542	CHR15:4507542	SSF x Far_LoA	-9,840	-0,090	0,288
CHR15	4524080	CHR15:4524080	SSF x Far_LoA	-4,442	0,166	0,267
CHR15	4524169	CHR15:4524169	SSF x Far_LoA	-11,459	0,093	0,293
CHR15	4524242	CHR15:4524242	SSF x Far_LoA	-8,592	0,002	0,291
CHR15	4524250	CHR15:4524250	SSF x Far_LoA	-8,430	0,022	0,294
CHR15	4524270	CHR15:4524270	SSF x Far_LoA	-10,514	-0,014	0,278
CHR15	4524296	CHR15:4524296	SSF x Far_LoA	-8,798	-0,064	0,291
CHR15	4524344	CHR15:4524344	SSF x Far_LoA	-3,149	0,110	0,293
CHR15	4524377	CHR15:4524377	SSF x Far_LoA	-7,026	-0,049	0,292
CHR15	4569943	CHR15:4569943	SSF x Far_LoA	-6,484	0,071	0,294
CHR15	4570056	CHR15:4570056	SSF x Far_LoA	-9,199	-0,099	0,287
CHR15	4573512	CHR15:4573512	SSF x Far_LoA	-10,594	0,028	0,291
CHR15	4573675	CHR15:4573675	SSF x Far_LoA	-10,510	-0,083	0,285

CHR15	4573678	CHR15:4573678	SSF x Far_LoA	-9,463	-0,096	0,305
CHR15	4573687	CHR15:4573687	SSF x Far_LoA	-8,844	-0,061	0,290
CHR15	4581309	CHR15:4581309	SSF x Far_LoA	-11,127	0,126	0,285
CHR15	4581369	CHR15:4581369	SSF x Far_LoA	-9,390	0,044	0,279
CHR15	4581437	CHR15:4581437	SSF x Far_LoA	-10,243	-0,003	0,308
CHR15	4581539	CHR15:4581539	SSF x Far_LoA	-9,352	0,083	0,298
CHR15	4589835	CHR15:4589835	SSF x Far_LoA	-9,382	0,103	0,294
CHR15	4589858	CHR15:4589858	SSF x Far_LoA	-9,698	0,035	0,289
CHR15	4589888	CHR15:4589888	SSF x Far_LoA	-9,607	-0,009	0,298
CHR15	4589934	CHR15:4589934	SSF x Far_LoA	-9,276	-0,010	0,286
CHR15	4589974	CHR15:4589974	SSF x Far_LoA	-10,899	0,011	0,290
CHR15	4591486	CHR15:4591486	SSF x Far_LoA	-5,484	-0,059	0,300
CHR15	4591535	CHR15:4591535	SSF x Far_LoA	-10,677	0,085	0,283
CHR15	4591538	CHR15:4591538	SSF x Far_LoA	-7,631	0,169	0,280
CHR15	4591646	CHR15:4591646	SSF x Far_LoA	-10,563	-0,060	0,300
CHR15	4593603	CHR15:4593603	SSF x Far_LoA	-11,721	0,007	0,288
CHR15	4593648	CHR15:4593648	SSF x Far_LoA	-10,593	0,014	0,294
CHR15	4593825	CHR15:4593825	SSF x Far_LoA	-7,316	0,068	0,287
CHR15	4593826	CHR15:4593826	SSF x Far_LoA	-9,363	-0,061	0,282
CHR15	4595189	CHR15:4595189	SSF x Far_LoA	-8,334	-0,054	0,298
CHR15	4595190	CHR15:4595190	SSF x Far_LoA	-7,768	0,151	0,301
CHR15	4595226	CHR15:4595226	SSF x Far_LoA	-9,379	-0,118	0,286
CHR15	4595228	CHR15:4595228	SSF x Far_LoA	-7,793	-0,105	0,299
CHR15	4595341	CHR15:4595341	SSF x Far_LoA	-7,817	-0,107	0,280
CHR15	4595365	CHR15:4595365	SSF x Far_LoA	-9,483	-0,016	0,294
CHR15	4595368	CHR15:4595368	SSF x Far_LoA	-10,928	-0,079	0,295
CHR15	4595459	CHR15:4595459	SSF x Far_LoA	-11,326	-0,041	0,297
CHR15	4595494	CHR15:4595494	SSF x Far_LoA	-10,779	-0,074	0,292
CHR15	4598839	CHR15:4598839	SSF x Far_LoA	-10,404	0,016	0,294
CHR15	4598849	CHR15:4598849	SSF x Far_LoA	-8,941	0,146	0,293
CHR15	4598923	CHR15:4598923	SSF x Far_LoA	-10,407	0,003	0,287
CHR15	4607789	CHR15:4607789	SSF x Far_LoA	-11,111	0,095	0,291
CHR15	4619995	CHR15:4619995	SSF x Far_LoA	-8,785	-0,039	0,289
CHR15	4620286	CHR15:4620286	SSF x Far_LoA	-11,250	0,002	0,266
CHR15	4624790	CHR15:4624790	SSF x Far_LoA	-4,016	0,203	0,279
CHR15	4624831	CHR15:4624831	SSF x Far_LoA	-4,901	-0,140	0,299
CHR15	4624891	CHR15:4624891	SSF x Far_LoA	-9,606	-0,103	0,282
CHR15	4624897	CHR15:4624897	SSF x Far_LoA	-4,615	-0,139	0,302
CHR15	4631965	CHR15:4631965	SSF x Far_LoA	-7,667	-0,016	0,294
CHR15	4632045	CHR15:4632045	SSF x Far_LoA	-8,821	0,018	0,281
CHR15	4642220	CHR15:4642220	SSF x Far_LoA	-11,456	0,020	0,294
CHR15	4642222	CHR15:4642222	SSF x Far_LoA	-9,335	-0,130	0,279
CHR15	4643528	CHR15:4643528	SSF x Far_LoA	-10,049	-0,031	0,276
CHR15	4643587	CHR15:4643587	SSF x Far_LoA	-9,103	-0,034	0,301
CHR15	4643625	CHR15:4643625	SSF x Far_LoA	-8,201	0,099	0,293
CHR15	4643654	CHR15:4643654	SSF x Far_LoA	-3,866	0,107	0,310
CHR15	4643687	CHR15:4643687	SSF x Far_LoA	-11,329	-0,021	0,280
CHR15	4643729	CHR15:4643729	SSF x Far_LoA	-10,285	-0,022	0,291
CHR15	4646305	CHR15:4646305	SSF x Far_LoA	-7,780	-0,067	0,282
CHR15	4646353	CHR15:4646353	SSF x Far_LoA	-10,199	0,031	0,292
CHR15	4646377	CHR15:4646377	SSF x Far_LoA	-1,889	-0,260	0,266
CHR15	4646385	CHR15:4646385	SSF x Far_LoA	-10,469	-0,027	0,285
CHR15	4646386	CHR15:4646386	SSF x Far_LoA	-6,512	-0,110	0,296

CHR15	4646391	CHR15:4646391	SSF x Far_LoA	-8,658	-0,059	0,297
CHR15	4646401	CHR15:4646401	SSF x Far_LoA	-3,969	-0,265	0,272
CHR15	4646441	CHR15:4646441	SSF x Far_LoA	-6,194	-0,249	0,269
CHR15	4646475	CHR15:4646475	SSF x Far_LoA	-8,461	-0,080	0,294
CHR15	4646583	CHR15:4646583	SSF x Far_LoA	-10,869	0,014	0,298
CHR15	4646595	CHR15:4646595	SSF x Far_LoA	-8,618	0,029	0,317
CHR15	4665966	CHR15:4665966	SSF x Far_LoA	-6,233	0,021	0,281
CHR15	4666066	CHR15:4666066	SSF x Far_LoA	-11,469	0,030	0,285
CHR15	4666074	CHR15:4666074	SSF x Far_LoA	-8,983	-0,043	0,293
CHR15	4668770	CHR15:4668770	SSF x Far_LoA	-10,984	0,053	0,271
CHR15	4668774	CHR15:4668774	SSF x Far_LoA	-8,432	0,057	0,295
CHR15	4668775	CHR15:4668775	SSF x Far_LoA	-8,524	0,071	0,294
CHR15	4668790	CHR15:4668790	SSF x Far_LoA	-11,105	-0,022	0,287
CHR15	4668794	CHR15:4668794	SSF x Far_LoA	-8,855	-0,030	0,296
CHR15	4670303	CHR15:4670303	SSF x Far_LoA	-10,531	-0,053	0,265
CHR15	4670330	CHR15:4670330	SSF x Far_LoA	-4,946	0,023	0,298
CHR15	4690071	CHR15:4690071	SSF x Far_LoA	-8,723	-0,010	0,292
CHR15	4690080	CHR15:4690080	SSF x Far_LoA	-12,057	-0,100	0,281
CHR15	4690113	CHR15:4690113	SSF x Far_LoA	-9,798	0,164	0,277
CHR15	4697494	CHR15:4697494	SSF x Far_LoA	-8,660	0,076	0,282
CHR15	4697638	CHR15:4697638	SSF x Far_LoA	-7,881	-0,061	0,302
CHR15	4697694	CHR15:4697694	SSF x Far_LoA	-9,306	0,026	0,290
CHR15	4701590	CHR15:4701590	SSF x Far_LoA	-10,178	-0,030	0,284
CHR15	4702582	CHR15:4702582	SSF x Far_LoA	-10,137	0,019	0,297
CHR15	4702597	CHR15:4702597	SSF x Far_LoA	-10,495	-0,008	0,303
CHR15	4702619	CHR15:4702619	SSF x Far_LoA	-9,943	-0,141	0,286
CHR15	4708165	CHR15:4708165	SSF x Far_LoA	-11,184	-0,060	0,288
CHR15	4708187	CHR15:4708187	SSF x Far_LoA	-9,116	-0,046	0,276
CHR15	4711601	CHR15:4711601	SSF x Far_LoA	-3,237	-0,107	0,292
CHR15	4711767	CHR15:4711767	SSF x Far_LoA	-7,105	0,166	0,288
CHR15	4721574	CHR15:4721574	SSF x Far_LoA	-1,385	0,259	0,279
CHR15	4721656	CHR15:4721656	SSF x Far_LoA	-9,552	-0,116	0,295
CHR15	4727821	CHR15:4727821	SSF x Far_LoA	-8,284	0,095	0,300
CHR15	4730606	CHR15:4730606	SSF x Far_LoA	-7,885	-0,052	0,300
CHR15	477611	CHR15:477611	SSF x Far_LoA	-8,128	-0,057	0,291
CHR15	477633	CHR15:477633	SSF x Far_LoA	-10,304	-0,011	0,287
CHR15	482056	CHR15:482056	SSF x Far_LoA	-6,923	0,019	0,277
CHR15	482062	CHR15:482062	SSF x Far_LoA	-9,034	0,010	0,281
CHR15	491808	CHR15:491808	SSF x Far_LoA	-10,545	0,037	0,288
CHR15	491844	CHR15:491844	SSF x Far_LoA	-9,098	0,023	0,294
CHR15	491962	CHR15:491962	SSF x Far_LoA	-9,123	0,015	0,300
CHR15	4928273	CHR15:4928273	SSF x Far_LoA	-5,734	-0,147	0,291
CHR15	4928458	CHR15:4928458	SSF x Far_LoA	-6,830	-0,127	0,277
CHR15	4928466	CHR15:4928466	SSF x Far_LoA	-8,657	-0,107	0,271
CHR15	4928477	CHR15:4928477	SSF x Far_LoA	-6,328	-0,131	0,265
CHR15	4969970	CHR15:4969970	SSF x Far_LoA	-8,983	0,061	0,306
CHR15	5007422	CHR15:5007422	SSF x Far_LoA	-8,745	0,008	0,281
CHR15	5007476	CHR15:5007476	SSF x Far_LoA	-9,141	0,041	0,280
CHR15	5010588	CHR15:5010588	SSF x Far_LoA	-8,574	0,063	0,302
CHR15	5010594	CHR15:5010594	SSF x Far_LoA	-8,978	0,044	0,300
CHR15	5010629	CHR15:5010629	SSF x Far_LoA	-8,315	0,037	0,293
CHR15	5010632	CHR15:5010632	SSF x Far_LoA	-8,899	0,018	0,278
CHR15	5010646	CHR15:5010646	SSF x Far_LoA	-10,375	0,096	0,285

CHR15	5010691	CHR15:5010691	SSF x Far_LoA	-5,461	-0,219	0,280
CHR15	501451	CHR15:501451	SSF x Far_LoA	-7,973	0,107	0,276
CHR15	501481	CHR15:501481	SSF x Far_LoA	-9,442	0,040	0,301
CHR15	501757	CHR15:501757	SSF x Far_LoA	-8,474	-0,051	0,281
CHR15	5035885	CHR15:5035885	SSF x Far_LoA	-9,756	0,018	0,284
CHR15	5035973	CHR15:5035973	SSF x Far_LoA	-8,360	0,058	0,289
CHR15	5091169	CHR15:5091169	SSF x Far_LoA	-9,326	0,022	0,294
CHR15	5098700	CHR15:5098700	SSF x Far_LoA	-9,810	-0,127	0,291
CHR15	5127260	CHR15:5127260	SSF x Far_LoA	-9,447	-0,135	0,289
CHR15	5127316	CHR15:5127316	SSF x Far_LoA	-6,616	0,135	0,291
CHR15	5133766	CHR15:5133766	SSF x Far_LoA	-7,199	-0,085	0,285
CHR15	5148441	CHR15:5148441	SSF x Far_LoA	-6,891	-0,050	0,288
CHR15	5148565	CHR15:5148565	SSF x Far_LoA	-8,164	0,038	0,301
CHR15	5148608	CHR15:5148608	SSF x Far_LoA	-10,863	-0,020	0,289
CHR15	5149397	CHR15:5149397	SSF x Far_LoA	-9,787	-0,107	0,284
CHR15	5149446	CHR15:5149446	SSF x Far_LoA	0,620	-0,140	0,282
CHR15	5149448	CHR15:5149448	SSF x Far_LoA	-6,639	-0,152	0,283
CHR15	5183073	CHR15:5183073	SSF x Far_LoA	-7,962	0,157	0,276
CHR15	5183084	CHR15:5183084	SSF x Far_LoA	-9,128	-0,039	0,274
CHR15	5183094	CHR15:5183094	SSF x Far_LoA	-9,535	-0,119	0,286
CHR15	5183245	CHR15:5183245	SSF x Far_LoA	-10,611	0,051	0,298
CHR15	5188497	CHR15:5188497	SSF x Far_LoA	-8,086	0,037	0,285
CHR15	5188514	CHR15:5188514	SSF x Far_LoA	-11,843	-0,014	0,280
CHR15	5188571	CHR15:5188571	SSF x Far_LoA	-4,125	-0,023	0,288
CHR15	5193665	CHR15:5193665	SSF x Far_LoA	-9,381	0,040	0,294
CHR15	5213112	CHR15:5213112	SSF x Far_LoA	-11,284	0,115	0,268
CHR15	5227763	CHR15:5227763	SSF x Far_LoA	-11,181	0,068	0,291
CHR15	5233304	CHR15:5233304	SSF x Far_LoA	-8,070	0,098	0,273
CHR15	5233351	CHR15:5233351	SSF x Far_LoA	-6,231	-0,073	0,291
CHR15	5233363	CHR15:5233363	SSF x Far_LoA	-5,100	-0,054	0,301
CHR15	5233371	CHR15:5233371	SSF x Far_LoA	-8,518	-0,137	0,285
CHR15	5233478	CHR15:5233478	SSF x Far_LoA	-9,670	0,053	0,288
CHR15	5233481	CHR15:5233481	SSF x Far_LoA	-7,495	0,084	0,290
CHR15	5239840	CHR15:5239840	SSF x Far_LoA	-10,412	-0,086	0,291
CHR15	5240810	CHR15:5240810	SSF x Far_LoA	-8,186	0,025	0,299
CHR15	5240815	CHR15:5240815	SSF x Far_LoA	-8,904	-0,051	0,299
CHR15	5254637	CHR15:5254637	SSF x Far_LoA	-9,523	0,087	0,277
CHR15	5254685	CHR15:5254685	SSF x Far_LoA	-10,832	0,034	0,292
CHR15	5255569	CHR15:5255569	SSF x Far_LoA	-11,376	-0,054	0,282
CHR15	5255591	CHR15:5255591	SSF x Far_LoA	-8,149	-0,101	0,288
CHR15	5255593	CHR15:5255593	SSF x Far_LoA	-10,878	-0,070	0,281
CHR15	5274752	CHR15:5274752	SSF x Far_LoA	-9,858	-0,017	0,295
CHR15	5274883	CHR15:5274883	SSF x Far_LoA	-9,355	0,000	0,291
CHR15	5274904	CHR15:5274904	SSF x Far_LoA	-9,552	0,124	0,301
CHR15	5286002	CHR15:5286002	SSF x Far_LoA	-6,236	0,142	0,296
CHR15	5287990	CHR15:5287990	SSF x Far_LoA	-6,844	0,036	0,296
CHR15	5288012	CHR15:5288012	SSF x Far_LoA	-8,027	0,046	0,275
CHR15	5288024	CHR15:5288024	SSF x Far_LoA	-11,767	0,064	0,281
CHR15	5288117	CHR15:5288117	SSF x Far_LoA	-9,486	-0,058	0,283
CHR15	5288191	CHR15:5288191	SSF x Far_LoA	-8,921	0,062	0,287
CHR15	5288200	CHR15:5288200	SSF x Far_LoA	-9,107	-0,045	0,290
CHR15	5292203	CHR15:5292203	SSF x Far_LoA	-8,480	-0,079	0,297
CHR15	5292278	CHR15:5292278	SSF x Far_LoA	-10,736	0,017	0,289

CHR15	5292366	CHR15:5292366	SSF x Far_LoA	-10,387	-0,057	0,294
CHR15	5296213	CHR15:5296213	SSF x Far_LoA	-10,397	0,056	0,284
CHR15	5296217	CHR15:5296217	SSF x Far_LoA	-11,615	-0,011	0,295
CHR15	5296255	CHR15:5296255	SSF x Far_LoA	-11,353	0,051	0,287
CHR15	5304065	CHR15:5304065	SSF x Far_LoA	-8,343	0,053	0,294
CHR15	5304304	CHR15:5304304	SSF x Far_LoA	-8,738	0,032	0,285
CHR15	5304323	CHR15:5304323	SSF x Far_LoA	-9,538	0,050	0,296
CHR15	5304329	CHR15:5304329	SSF x Far_LoA	-10,344	0,015	0,293
CHR15	5304359	CHR15:5304359	SSF x Far_LoA	-10,878	-0,019	0,290
CHR15	5311903	CHR15:5311903	SSF x Far_LoA	-10,533	0,003	0,279
CHR15	5311933	CHR15:5311933	SSF x Far_LoA	-11,256	-0,127	0,292
CHR15	5312062	CHR15:5312062	SSF x Far_LoA	-11,055	0,001	0,287
CHR15	5315363	CHR15:5315363	SSF x Far_LoA	-11,104	0,047	0,291
CHR15	5315400	CHR15:5315400	SSF x Far_LoA	-11,076	0,101	0,292
CHR15	5315427	CHR15:5315427	SSF x Far_LoA	-10,975	0,027	0,286
CHR15	5315435	CHR15:5315435	SSF x Far_LoA	-12,008	-0,050	0,292
CHR15	5315471	CHR15:5315471	SSF x Far_LoA	-9,844	0,046	0,289
CHR15	5315496	CHR15:5315496	SSF x Far_LoA	-8,438	-0,133	0,304
CHR15	5315520	CHR15:5315520	SSF x Far_LoA	-7,631	0,101	0,288
CHR15	5315523	CHR15:5315523	SSF x Far_LoA	-8,607	0,070	0,289
CHR15	5315575	CHR15:5315575	SSF x Far_LoA	-5,779	0,087	0,311
CHR15	5316454	CHR15:5316454	SSF x Far_LoA	-9,815	-0,023	0,294
CHR15	5323925	CHR15:5323925	SSF x Far_LoA	-10,669	-0,121	0,290
CHR15	5324007	CHR15:5324007	SSF x Far_LoA	-9,600	-0,113	0,287
CHR15	5324099	CHR15:5324099	SSF x Far_LoA	-9,223	-0,054	0,303
CHR15	5334096	CHR15:5334096	SSF x Far_LoA	-3,575	0,226	0,269
CHR15	5340559	CHR15:5340559	SSF x Far_LoA	-7,909	-0,019	0,268
CHR15	5340654	CHR15:5340654	SSF x Far_LoA	-7,969	-0,066	0,305
CHR15	5340720	CHR15:5340720	SSF x Far_LoA	-10,667	0,102	0,297
CHR15	5340729	CHR15:5340729	SSF x Far_LoA	-8,680	0,034	0,295
CHR15	5340745	CHR15:5340745	SSF x Far_LoA	-8,695	-0,106	0,295
CHR15	5343909	CHR15:5343909	SSF x Far_LoA	-10,456	0,021	0,297
CHR15	5343918	CHR15:5343918	SSF x Far_LoA	-5,955	-0,101	0,287
CHR15	5344040	CHR15:5344040	SSF x Far_LoA	-9,384	0,017	0,292
CHR15	5344044	CHR15:5344044	SSF x Far_LoA	-10,568	-0,070	0,286
CHR15	5346504	CHR15:5346504	SSF x Far_LoA	-3,135	0,192	0,275
CHR15	5346643	CHR15:5346643	SSF x Far_LoA	-10,469	-0,116	0,286
CHR15	5346682	CHR15:5346682	SSF x Far_LoA	-8,916	0,033	0,291
CHR15	5346686	CHR15:5346686	SSF x Far_LoA	-8,875	-0,011	0,291
CHR15	5346776	CHR15:5346776	SSF x Far_LoA	-10,071	-0,009	0,278
CHR15	5350959	CHR15:5350959	SSF x Far_LoA	-8,317	0,073	0,273
CHR15	5351071	CHR15:5351071	SSF x Far_LoA	-8,292	-0,085	0,294
CHR15	5351089	CHR15:5351089	SSF x Far_LoA	-8,353	-0,057	0,275
CHR15	5351113	CHR15:5351113	SSF x Far_LoA	-6,706	0,021	0,283
CHR15	5351152	CHR15:5351152	SSF x Far_LoA	-8,559	0,013	0,295
CHR15	5351155	CHR15:5351155	SSF x Far_LoA	-9,488	-0,022	0,276
CHR15	5351164	CHR15:5351164	SSF x Far_LoA	-5,628	0,051	0,288
CHR15	5357214	CHR15:5357214	SSF x Far_LoA	-9,984	-0,027	0,280
CHR15	5357259	CHR15:5357259	SSF x Far_LoA	-9,453	-0,072	0,282
CHR15	5358370	CHR15:5358370	SSF x Far_LoA	-9,084	-0,028	0,294
CHR15	5358384	CHR15:5358384	SSF x Far_LoA	-8,961	0,014	0,294
CHR15	5359532	CHR15:5359532	SSF x Far_LoA	-5,840	-0,012	0,291
CHR15	5359551	CHR15:5359551	SSF x Far_LoA	-8,662	0,087	0,295

CHR15	5359570	CHR15:5359570	SSF x Far_LoA	-4,683	0,011	0,284
CHR15	5359574	CHR15:5359574	SSF x Far_LoA	-9,442	0,020	0,290
CHR15	5359579	CHR15:5359579	SSF x Far_LoA	-9,351	-0,030	0,282
CHR15	5359611	CHR15:5359611	SSF x Far_LoA	-9,997	0,028	0,306
CHR15	5359612	CHR15:5359612	SSF x Far_LoA	-11,422	-0,006	0,280
CHR15	5359621	CHR15:5359621	SSF x Far_LoA	-9,805	-0,081	0,291
CHR15	5359630	CHR15:5359630	SSF x Far_LoA	-8,095	-0,083	0,298
CHR15	5359636	CHR15:5359636	SSF x Far_LoA	-10,528	-0,075	0,281
CHR15	536619	CHR15:536619	SSF x Far_LoA	-10,931	-0,071	0,296
CHR15	536709	CHR15:536709	SSF x Far_LoA	-7,395	-0,131	0,283
CHR15	5371953	CHR15:5371953	SSF x Far_LoA	-10,871	-0,012	0,291
CHR15	5372083	CHR15:5372083	SSF x Far_LoA	-11,286	0,066	0,284
CHR15	5372123	CHR15:5372123	SSF x Far_LoA	-11,753	0,079	0,277
CHR15	5385916	CHR15:5385916	SSF x Far_LoA	-9,394	-0,018	0,291
CHR15	5385917	CHR15:5385917	SSF x Far_LoA	-9,258	-0,016	0,294
CHR15	5385935	CHR15:5385935	SSF x Far_LoA	-9,987	0,143	0,296
CHR15	5385943	CHR15:5385943	SSF x Far_LoA	-3,960	0,188	0,282
CHR15	5385973	CHR15:5385973	SSF x Far_LoA	-3,290	-0,156	0,273
CHR15	5385991	CHR15:5385991	SSF x Far_LoA	-6,520	-0,131	0,301
CHR15	5385996	CHR15:5385996	SSF x Far_LoA	-5,514	-0,124	0,298
CHR15	5386019	CHR15:5386019	SSF x Far_LoA	-11,162	0,052	0,292
CHR15	5402558	CHR15:5402558	SSF x Far_LoA	-8,091	-0,002	0,297
CHR15	5402575	CHR15:5402575	SSF x Far_LoA	-5,908	0,191	0,270
CHR15	5402671	CHR15:5402671	SSF x Far_LoA	-8,375	-0,062	0,290
CHR15	5402713	CHR15:5402713	SSF x Far_LoA	-9,509	-0,016	0,291
CHR15	5402715	CHR15:5402715	SSF x Far_LoA	-8,835	-0,022	0,307
CHR15	5402720	CHR15:5402720	SSF x Far_LoA	-9,718	-0,003	0,289
CHR15	5402723	CHR15:5402723	SSF x Far_LoA	-9,147	0,015	0,296
CHR15	5402731	CHR15:5402731	SSF x Far_LoA	-9,328	-0,016	0,300
CHR15	5402745	CHR15:5402745	SSF x Far_LoA	-10,036	-0,020	0,291
CHR15	5402764	CHR15:5402764	SSF x Far_LoA	-8,088	0,032	0,283
CHR15	5402767	CHR15:5402767	SSF x Far_LoA	-11,990	0,024	0,286
CHR15	5402777	CHR15:5402777	SSF x Far_LoA	-8,509	-0,004	0,277
CHR15	5402790	CHR15:5402790	SSF x Far_LoA	-7,735	0,078	0,278
CHR15	5402792	CHR15:5402792	SSF x Far_LoA	-8,313	0,064	0,277
CHR15	5402798	CHR15:5402798	SSF x Far_LoA	-8,793	-0,040	0,278
CHR15	5402812	CHR15:5402812	SSF x Far_LoA	-6,861	-0,090	0,294
CHR15	5404380	CHR15:5404380	SSF x Far_LoA	-9,446	0,050	0,278
CHR15	5408099	CHR15:5408099	SSF x Far_LoA	-5,401	0,104	0,286
CHR15	5408109	CHR15:5408109	SSF x Far_LoA	-9,330	-0,119	0,294
CHR15	5408178	CHR15:5408178	SSF x Far_LoA	-9,547	0,081	0,290
CHR15	5408224	CHR15:5408224	SSF x Far_LoA	-9,222	-0,063	0,281
CHR15	5408243	CHR15:5408243	SSF x Far_LoA	-10,128	0,024	0,289
CHR15	5408257	CHR15:5408257	SSF x Far_LoA	-8,965	0,096	0,268
CHR15	5408267	CHR15:5408267	SSF x Far_LoA	-9,698	0,037	0,290
CHR15	5416092	CHR15:5416092	SSF x Far_LoA	-10,093	-0,004	0,287
CHR15	5416290	CHR15:5416290	SSF x Far_LoA	-8,103	0,070	0,301
CHR15	5416474	CHR15:5416474	SSF x Far_LoA	-8,933	0,068	0,300
CHR15	5443199	CHR15:5443199	SSF x Far_LoA	-11,940	0,021	0,289
CHR15	5494610	CHR15:5494610	SSF x Far_LoA	-10,420	-0,023	0,293
CHR15	5494746	CHR15:5494746	SSF x Far_LoA	-7,696	-0,094	0,288
CHR15	5494771	CHR15:5494771	SSF x Far_LoA	-10,516	0,022	0,284
CHR15	5494805	CHR15:5494805	SSF x Far_LoA	-8,920	-0,064	0,291

CHR15	5494832	CHR15:5494832	SSF x Far_LoA	-11,205	-0,028	0,297
CHR15	5509103	CHR15:5509103	SSF x Far_LoA	-9,313	-0,093	0,298
CHR15	5509182	CHR15:5509182	SSF x Far_LoA	-9,807	0,028	0,291
CHR15	5509205	CHR15:5509205	SSF x Far_LoA	-7,229	0,037	0,279
CHR15	5521713	CHR15:5521713	SSF x Far_LoA	-7,844	-0,035	0,290
CHR15	5521756	CHR15:5521756	SSF x Far_LoA	-10,655	0,021	0,289
CHR15	5521808	CHR15:5521808	SSF x Far_LoA	-5,772	-0,030	0,305
CHR15	553350	CHR15:553350	SSF x Far_LoA	-11,811	0,059	0,292
CHR15	553691	CHR15:553691	SSF x Far_LoA	-2,786	-0,027	0,287
CHR15	5537979	CHR15:5537979	SSF x Far_LoA	-9,854	0,072	0,288
CHR15	5538271	CHR15:5538271	SSF x Far_LoA	-9,581	-0,132	0,283
CHR15	5538277	CHR15:5538277	SSF x Far_LoA	-9,178	-0,015	0,307
CHR15	5538292	CHR15:5538292	SSF x Far_LoA	-8,402	-0,134	0,289
CHR15	5549036	CHR15:5549036	SSF x Far_LoA	-8,189	0,174	0,280
CHR15	5549112	CHR15:5549112	SSF x Far_LoA	-7,341	0,090	0,289
CHR15	5549180	CHR15:5549180	SSF x Far_LoA	-5,913	0,094	0,290
CHR15	5549194	CHR15:5549194	SSF x Far_LoA	-8,776	-0,085	0,283
CHR15	5551206	CHR15:5551206	SSF x Far_LoA	-8,609	-0,067	0,290
CHR15	5551255	CHR15:5551255	SSF x Far_LoA	-10,798	0,031	0,291
CHR15	5551258	CHR15:5551258	SSF x Far_LoA	-11,235	-0,030	0,301
CHR15	5551320	CHR15:5551320	SSF x Far_LoA	-10,186	0,021	0,284
CHR15	5551339	CHR15:5551339	SSF x Far_LoA	-9,175	0,056	0,299
CHR15	5551364	CHR15:5551364	SSF x Far_LoA	-10,002	-0,026	0,278
CHR15	5551367	CHR15:5551367	SSF x Far_LoA	-11,209	0,001	0,295
CHR15	5551391	CHR15:5551391	SSF x Far_LoA	-4,661	-0,102	0,281
CHR15	5551426	CHR15:5551426	SSF x Far_LoA	-9,394	0,075	0,280
CHR15	5551428	CHR15:5551428	SSF x Far_LoA	-9,275	-0,075	0,279
CHR15	5551472	CHR15:5551472	SSF x Far_LoA	-10,236	0,023	0,291
CHR15	5551478	CHR15:5551478	SSF x Far_LoA	-8,500	-0,072	0,276
CHR15	5555188	CHR15:5555188	SSF x Far_LoA	-10,055	-0,065	0,298
CHR15	5555328	CHR15:5555328	SSF x Far_LoA	-11,282	-0,116	0,287
CHR15	5555333	CHR15:5555333	SSF x Far_LoA	-7,136	0,114	0,289
CHR15	5558418	CHR15:5558418	SSF x Far_LoA	-11,280	-0,068	0,300
CHR15	5558899	CHR15:5558899	SSF x Far_LoA	-9,646	0,035	0,281
CHR15	5558953	CHR15:5558953	SSF x Far_LoA	-9,182	-0,128	0,281
CHR15	5568497	CHR15:5568497	SSF x Far_LoA	-11,465	0,027	0,295
CHR15	5573182	CHR15:5573182	SSF x Far_LoA	1,399	-0,110	0,291
CHR15	5579615	CHR15:5579615	SSF x Far_LoA	-11,240	0,069	0,286
CHR15	5589696	CHR15:5589696	SSF x Far_LoA	-2,668	-0,290	0,265
CHR15	5589808	CHR15:5589808	SSF x Far_LoA	-4,222	-0,269	0,256
CHR15	5603363	CHR15:5603363	SSF x Far_LoA	-7,747	0,099	0,292
CHR15	5603371	CHR15:5603371	SSF x Far_LoA	-10,516	0,017	0,281
CHR15	5603395	CHR15:5603395	SSF x Far_LoA	-8,811	-0,092	0,275
CHR15	5603397	CHR15:5603397	SSF x Far_LoA	-8,456	-0,067	0,272
CHR15	5603431	CHR15:5603431	SSF x Far_LoA	-8,382	0,062	0,287
CHR15	5603433	CHR15:5603433	SSF x Far_LoA	-9,449	0,050	0,284
CHR15	5603455	CHR15:5603455	SSF x Far_LoA	-8,948	-0,076	0,298
CHR15	5603459	CHR15:5603459	SSF x Far_LoA	-12,092	0,023	0,293
CHR15	5612999	CHR15:5612999	SSF x Far_LoA	-8,586	0,119	0,276
CHR15	5613039	CHR15:5613039	SSF x Far_LoA	-8,704	-0,102	0,267
CHR15	5613088	CHR15:5613088	SSF x Far_LoA	-10,343	0,064	0,286
CHR15	5613109	CHR15:5613109	SSF x Far_LoA	-10,330	0,115	0,301
CHR15	5614819	CHR15:5614819	SSF x Far_LoA	-3,344	0,093	0,289

CHR15	5614913	CHR15:5614913	SSF x Far_LoA	-11,772	0,078	0,289
CHR15	5616608	CHR15:5616608	SSF x Far_LoA	-9,990	-0,075	0,290
CHR15	5616666	CHR15:5616666	SSF x Far_LoA	-9,433	-0,119	0,289
CHR15	5617275	CHR15:5617275	SSF x Far_LoA	-7,889	0,138	0,297
CHR15	5628764	CHR15:5628764	SSF x Far_LoA	-10,951	0,074	0,293
CHR15	563863	CHR15:563863	SSF x Far_LoA	-12,008	0,019	0,277
CHR15	5640493	CHR15:5640493	SSF x Far_LoA	-9,598	-0,020	0,293
CHR15	5640564	CHR15:5640564	SSF x Far_LoA	-7,708	-0,019	0,303
CHR15	5647695	CHR15:5647695	SSF x Far_LoA	-9,913	-0,131	0,282
CHR15	5647785	CHR15:5647785	SSF x Far_LoA	-11,412	-0,042	0,282
CHR15	5658347	CHR15:5658347	SSF x Far_LoA	-7,972	-0,134	0,290
CHR15	5658374	CHR15:5658374	SSF x Far_LoA	-5,614	0,173	0,278
CHR15	5658375	CHR15:5658375	SSF x Far_LoA	-7,101	0,161	0,281
CHR15	5658411	CHR15:5658411	SSF x Far_LoA	-6,470	0,178	0,288
CHR15	5658431	CHR15:5658431	SSF x Far_LoA	-7,416	0,116	0,289
CHR15	5658516	CHR15:5658516	SSF x Far_LoA	-9,117	-0,018	0,293
CHR15	5658554	CHR15:5658554	SSF x Far_LoA	-8,985	-0,051	0,297
CHR15	5666856	CHR15:5666856	SSF x Far_LoA	-5,925	-0,097	0,299
CHR15	5666956	CHR15:5666956	SSF x Far_LoA	-8,253	0,144	0,272
CHR15	5667163	CHR15:5667163	SSF x Far_LoA	-6,726	-0,152	0,302
CHR15	5689905	CHR15:5689905	SSF x Far_LoA	-10,151	0,104	0,286
CHR15	5689956	CHR15:5689956	SSF x Far_LoA	-8,292	-0,056	0,287
CHR15	5690021	CHR15:5690021	SSF x Far_LoA	-7,940	0,086	0,312
CHR15	5690036	CHR15:5690036	SSF x Far_LoA	-10,047	-0,039	0,289
CHR15	5690108	CHR15:5690108	SSF x Far_LoA	-7,251	-0,068	0,283
CHR15	5720611	CHR15:5720611	SSF x Far_LoA	-8,776	-0,081	0,295
CHR15	5720775	CHR15:5720775	SSF x Far_LoA	-1,806	0,081	0,282
CHR15	5720786	CHR15:5720786	SSF x Far_LoA	-7,446	0,095	0,267
CHR15	5720835	CHR15:5720835	SSF x Far_LoA	-8,083	-0,070	0,291
CHR15	5720875	CHR15:5720875	SSF x Far_LoA	-3,750	0,239	0,268
CHR15	5720877	CHR15:5720877	SSF x Far_LoA	-10,300	-0,038	0,279
CHR15	5720879	CHR15:5720879	SSF x Far_LoA	-9,814	-0,066	0,284
CHR15	5720886	CHR15:5720886	SSF x Far_LoA	-10,763	-0,054	0,291
CHR15	5720904	CHR15:5720904	SSF x Far_LoA	5,586	0,198	0,271
CHR15	5720905	CHR15:5720905	SSF x Far_LoA	-6,514	0,106	0,288
CHR15	5720951	CHR15:5720951	SSF x Far_LoA	-9,558	-0,135	0,284
CHR15	5721008	CHR15:5721008	SSF x Far_LoA	-8,541	-0,049	0,305
CHR15	5721012	CHR15:5721012	SSF x Far_LoA	-9,368	-0,073	0,303
CHR15	5732563	CHR15:5732563	SSF x Far_LoA	-8,053	-0,070	0,294
CHR15	5732615	CHR15:5732615	SSF x Far_LoA	-11,253	-0,105	0,268
CHR15	5732630	CHR15:5732630	SSF x Far_LoA	-3,894	-0,150	0,276
CHR15	5732751	CHR15:5732751	SSF x Far_LoA	-7,774	-0,205	0,299
CHR15	5732786	CHR15:5732786	SSF x Far_LoA	-10,277	-0,011	0,286
CHR15	5732796	CHR15:5732796	SSF x Far_LoA	-10,069	0,159	0,293
CHR15	5732813	CHR15:5732813	SSF x Far_LoA	-6,738	-0,059	0,299
CHR15	5742219	CHR15:5742219	SSF x Far_LoA	-10,772	-0,045	0,282
CHR15	5742335	CHR15:5742335	SSF x Far_LoA	-11,357	-0,060	0,277
CHR15	5742552	CHR15:5742552	SSF x Far_LoA	-9,606	-0,100	0,294
CHR15	5742643	CHR15:5742643	SSF x Far_LoA	-9,077	0,001	0,284
CHR15	5745980	CHR15:5745980	SSF x Far_LoA	-6,472	0,096	0,289
CHR15	5760917	CHR15:5760917	SSF x Far_LoA	-8,848	0,030	0,300
CHR15	5760918	CHR15:5760918	SSF x Far_LoA	-9,448	-0,008	0,292
CHR15	5761062	CHR15:5761062	SSF x Far_LoA	-5,808	-0,198	0,285

CHR15	5767579	CHR15:5767579	SSF x Far_LoA	-11,620	0,030	0,302
CHR15	5767719	CHR15:5767719	SSF x Far_LoA	-5,928	-0,193	0,279
CHR15	577243	CHR15:577243	SSF x Far_LoA	-10,228	-0,007	0,297
CHR15	577250	CHR15:577250	SSF x Far_LoA	-10,375	0,005	0,306
CHR15	5774506	CHR15:5774506	SSF x Far_LoA	-10,282	-0,127	0,291
CHR15	5778902	CHR15:5778902	SSF x Far_LoA	-7,963	0,067	0,299
CHR15	5778953	CHR15:5778953	SSF x Far_LoA	-8,771	0,013	0,293
CHR15	5794791	CHR15:5794791	SSF x Far_LoA	-11,361	-0,064	0,298
CHR15	5794895	CHR15:5794895	SSF x Far_LoA	-8,903	-0,059	0,301
CHR15	5794971	CHR15:5794971	SSF x Far_LoA	-7,948	-0,075	0,301
CHR15	5795045	CHR15:5795045	SSF x Far_LoA	-10,676	-0,027	0,281
CHR15	5810499	CHR15:5810499	SSF x Far_LoA	-10,852	0,035	0,300
CHR15	5810509	CHR15:5810509	SSF x Far_LoA	-10,917	-0,002	0,292
CHR15	5810564	CHR15:5810564	SSF x Far_LoA	-10,462	0,054	0,300
CHR15	5810567	CHR15:5810567	SSF x Far_LoA	-6,303	0,093	0,291
CHR15	5810576	CHR15:5810576	SSF x Far_LoA	-10,427	0,050	0,302
CHR15	5810636	CHR15:5810636	SSF x Far_LoA	-8,369	-0,013	0,302
CHR15	5810670	CHR15:5810670	SSF x Far_LoA	-8,594	0,021	0,277
CHR15	5810685	CHR15:5810685	SSF x Far_LoA	-9,432	0,038	0,311
CHR15	5810704	CHR15:5810704	SSF x Far_LoA	-8,526	0,056	0,292
CHR15	5810743	CHR15:5810743	SSF x Far_LoA	-9,292	-0,039	0,284
CHR15	5810753	CHR15:5810753	SSF x Far_LoA	-5,471	0,032	0,284
CHR15	5810820	CHR15:5810820	SSF x Far_LoA	-11,173	0,021	0,285
CHR15	5810888	CHR15:5810888	SSF x Far_LoA	-8,233	0,056	0,286
CHR15	5810892	CHR15:5810892	SSF x Far_LoA	-10,161	0,076	0,301
CHR15	5810921	CHR15:5810921	SSF x Far_LoA	-7,172	0,149	0,290
CHR15	5816903	CHR15:5816903	SSF x Far_LoA	-8,471	0,121	0,286
CHR15	5817026	CHR15:5817026	SSF x Far_LoA	-9,817	-0,048	0,301
CHR15	5843561	CHR15:5843561	SSF x Far_LoA	-9,495	0,008	0,287
CHR15	5843562	CHR15:5843562	SSF x Far_LoA	-11,657	-0,073	0,289
CHR15	5843580	CHR15:5843580	SSF x Far_LoA	-10,900	-0,059	0,287
CHR15	5843616	CHR15:5843616	SSF x Far_LoA	-9,360	0,055	0,284
CHR15	5843622	CHR15:5843622	SSF x Far_LoA	-9,880	-0,121	0,278
CHR15	5843646	CHR15:5843646	SSF x Far_LoA	-8,349	-0,029	0,290
CHR15	5852222	CHR15:5852222	SSF x Far_LoA	-6,574	-0,152	0,294
CHR15	5852258	CHR15:5852258	SSF x Far_LoA	-9,497	0,035	0,275
CHR15	5860333	CHR15:5860333	SSF x Far_LoA	-8,959	-0,053	0,294
CHR15	5866725	CHR15:5866725	SSF x Far_LoA	-11,016	-0,079	0,304
CHR15	5913059	CHR15:5913059	SSF x Far_LoA	-7,103	0,018	0,279
CHR15	5913062	CHR15:5913062	SSF x Far_LoA	-9,357	-0,053	0,273
CHR15	5913081	CHR15:5913081	SSF x Far_LoA	-9,779	-0,036	0,286
CHR15	593606	CHR15:593606	SSF x Far_LoA	-11,019	0,041	0,291
CHR15	5936257	CHR15:5936257	SSF x Far_LoA	-9,077	0,040	0,286
CHR15	595133	CHR15:595133	SSF x Far_LoA	-10,442	0,044	0,293
CHR15	5967388	CHR15:5967388	SSF x Far_LoA	-10,873	-0,068	0,288
CHR15	597956	CHR15:597956	SSF x Far_LoA	-8,811	-0,026	0,294
CHR15	5990630	CHR15:5990630	SSF x Far_LoA	-10,713	0,124	0,282
CHR15	6008848	CHR15:6008848	SSF x Far_LoA	-8,581	-0,071	0,285
CHR15	6008947	CHR15:6008947	SSF x Far_LoA	-5,609	0,121	0,295
CHR15	6017234	CHR15:6017234	SSF x Far_LoA	-9,422	-0,068	0,297
CHR15	6044394	CHR15:6044394	SSF x Far_LoA	-7,703	0,064	0,295
CHR15	6044498	CHR15:6044498	SSF x Far_LoA	-10,942	-0,026	0,287
CHR15	6048600	CHR15:6048600	SSF x Far_LoA	-6,552	0,124	0,280

CHR15	6048893	CHR15:6048893	SSF x Far_LoA	-12,183	-0,026	0,298
CHR15	6058016	CHR15:6058016	SSF x Far_LoA	-8,412	0,087	0,295
CHR15	6058172	CHR15:6058172	SSF x Far_LoA	-7,207	0,069	0,294
CHR15	6058328	CHR15:6058328	SSF x Far_LoA	-10,304	-0,024	0,287
CHR15	6075067	CHR15:6075067	SSF x Far_LoA	-8,371	-0,014	0,284
CHR15	6075118	CHR15:6075118	SSF x Far_LoA	-8,472	0,053	0,304
CHR15	6075190	CHR15:6075190	SSF x Far_LoA	-9,487	-0,040	0,297
CHR15	6075339	CHR15:6075339	SSF x Far_LoA	-7,414	-0,102	0,297
CHR15	6084976	CHR15:6084976	SSF x Far_LoA	-7,974	-0,053	0,309
CHR15	608764	CHR15:608764	SSF x Far_LoA	-10,692	-0,081	0,291
CHR15	6093314	CHR15:6093314	SSF x Far_LoA	-6,307	0,058	0,312
CHR15	6093477	CHR15:6093477	SSF x Far_LoA	-7,942	-0,055	0,297
CHR15	6108612	CHR15:6108612	SSF x Far_LoA	-11,692	-0,032	0,297
CHR15	6108703	CHR15:6108703	SSF x Far_LoA	-10,317	-0,026	0,293
CHR15	6131400	CHR15:6131400	SSF x Far_LoA	-5,296	0,118	0,289
CHR15	6135113	CHR15:6135113	SSF x Far_LoA	-11,153	0,016	0,286
CHR15	6135153	CHR15:6135153	SSF x Far_LoA	-10,659	0,034	0,298
CHR15	6135165	CHR15:6135165	SSF x Far_LoA	0,186	-0,201	0,281
CHR15	6135167	CHR15:6135167	SSF x Far_LoA	-11,444	0,007	0,298
CHR15	6135176	CHR15:6135176	SSF x Far_LoA	-9,963	-0,132	0,292
CHR15	6135317	CHR15:6135317	SSF x Far_LoA	-8,000	0,124	0,279
CHR15	6136773	CHR15:6136773	SSF x Far_LoA	-10,837	0,063	0,284
CHR15	6136920	CHR15:6136920	SSF x Far_LoA	-10,985	0,091	0,301
CHR15	6136923	CHR15:6136923	SSF x Far_LoA	-7,166	-0,050	0,284
CHR15	6136960	CHR15:6136960	SSF x Far_LoA	-7,602	-0,156	0,289
CHR15	6136985	CHR15:6136985	SSF x Far_LoA	-8,286	0,086	0,282
CHR15	6136995	CHR15:6136995	SSF x Far_LoA	-9,673	0,005	0,293
CHR15	6144205	CHR15:6144205	SSF x Far_LoA	-9,589	-0,089	0,279
CHR15	6144255	CHR15:6144255	SSF x Far_LoA	-9,773	-0,082	0,293
CHR15	6144278	CHR15:6144278	SSF x Far_LoA	-10,104	-0,033	0,290
CHR15	6144290	CHR15:6144290	SSF x Far_LoA	-9,017	-0,036	0,301
CHR15	6144306	CHR15:6144306	SSF x Far_LoA	-8,527	-0,036	0,296
CHR15	6144339	CHR15:6144339	SSF x Far_LoA	-8,144	-0,078	0,296
CHR15	6144396	CHR15:6144396	SSF x Far_LoA	-9,130	0,020	0,297
CHR15	6144420	CHR15:6144420	SSF x Far_LoA	-7,182	-0,146	0,281
CHR15	6144458	CHR15:6144458	SSF x Far_LoA	-8,039	0,001	0,315
CHR15	6144478	CHR15:6144478	SSF x Far_LoA	-9,777	0,060	0,272
CHR15	6144519	CHR15:6144519	SSF x Far_LoA	-10,531	-0,102	0,282
CHR15	6144529	CHR15:6144529	SSF x Far_LoA	-7,476	-0,210	0,295
CHR15	6144610	CHR15:6144610	SSF x Far_LoA	-9,924	-0,154	0,293
CHR15	6169420	CHR15:6169420	SSF x Far_LoA	3,281	0,227	0,279
CHR15	6169606	CHR15:6169606	SSF x Far_LoA	-8,023	0,185	0,283
CHR15	617914	CHR15:617914	SSF x Far_LoA	-8,335	-0,103	0,283
CHR15	617927	CHR15:617927	SSF x Far_LoA	-9,558	-0,104	0,291
CHR15	617972	CHR15:617972	SSF x Far_LoA	-7,651	-0,172	0,280
CHR15	6184221	CHR15:6184221	SSF x Far_LoA	-8,363	-0,089	0,280
CHR15	6184272	CHR15:6184272	SSF x Far_LoA	-9,228	-0,039	0,281
CHR15	6184304	CHR15:6184304	SSF x Far_LoA	-4,650	0,047	0,290
CHR15	6184336	CHR15:6184336	SSF x Far_LoA	-10,469	-0,010	0,286
CHR15	6184524	CHR15:6184524	SSF x Far_LoA	-9,198	0,015	0,306
CHR15	6188834	CHR15:6188834	SSF x Far_LoA	-11,425	0,054	0,296
CHR15	6188845	CHR15:6188845	SSF x Far_LoA	-10,924	-0,006	0,292
CHR15	6188846	CHR15:6188846	SSF x Far_LoA	-10,275	0,049	0,304

CHR15	6188908	CHR15:6188908	SSF x Far_LoA	-6,242	-0,150	0,276
CHR15	6188916	CHR15:6188916	SSF x Far_LoA	-10,679	-0,016	0,288
CHR15	6189061	CHR15:6189061	SSF x Far_LoA	-10,097	0,093	0,281
CHR15	6196734	CHR15:6196734	SSF x Far_LoA	-10,633	0,044	0,265
CHR15	6196756	CHR15:6196756	SSF x Far_LoA	-10,960	-0,002	0,279
CHR15	6196977	CHR15:6196977	SSF x Far_LoA	-7,670	-0,093	0,295
CHR15	6206362	CHR15:6206362	SSF x Far_LoA	-9,826	-0,075	0,304
CHR15	6208230	CHR15:6208230	SSF x Far_LoA	-8,849	-0,124	0,283
CHR15	6208262	CHR15:6208262	SSF x Far_LoA	-5,931	-0,136	0,304
CHR15	6208265	CHR15:6208265	SSF x Far_LoA	-12,102	-0,028	0,288
CHR15	6208311	CHR15:6208311	SSF x Far_LoA	-11,469	0,017	0,291
CHR15	6208323	CHR15:6208323	SSF x Far_LoA	-8,640	-0,095	0,297
CHR15	6208360	CHR15:6208360	SSF x Far_LoA	-9,841	-0,003	0,289
CHR15	6208418	CHR15:6208418	SSF x Far_LoA	-9,458	-0,035	0,289
CHR15	6208478	CHR15:6208478	SSF x Far_LoA	-11,473	0,092	0,287
CHR15	6208485	CHR15:6208485	SSF x Far_LoA	-11,015	-0,086	0,285
CHR15	6223851	CHR15:6223851	SSF x Far_LoA	-8,258	0,055	0,301
CHR15	6223861	CHR15:6223861	SSF x Far_LoA	-7,053	-0,202	0,284
CHR15	6223966	CHR15:6223966	SSF x Far_LoA	-9,913	-0,031	0,293
CHR15	6224103	CHR15:6224103	SSF x Far_LoA	-8,991	0,018	0,291
CHR15	6225700	CHR15:6225700	SSF x Far_LoA	-10,941	0,077	0,290
CHR15	6225774	CHR15:6225774	SSF x Far_LoA	-9,599	-0,045	0,301
CHR15	6237089	CHR15:6237089	SSF x Far_LoA	-9,575	0,082	0,275
CHR15	6237168	CHR15:6237168	SSF x Far_LoA	-8,770	-0,131	0,292
CHR15	6237187	CHR15:6237187	SSF x Far_LoA	-8,394	-0,064	0,297
CHR15	623803	CHR15:623803	SSF x Far_LoA	-8,640	-0,130	0,290
CHR15	623978	CHR15:623978	SSF x Far_LoA	-7,472	-0,171	0,289
CHR15	624125	CHR15:624125	SSF x Far_LoA	-8,732	0,079	0,310
CHR15	6245788	CHR15:6245788	SSF x Far_LoA	-8,674	-0,044	0,287
CHR15	6245832	CHR15:6245832	SSF x Far_LoA	-8,843	-0,088	0,291
CHR15	6251713	CHR15:6251713	SSF x Far_LoA	-9,654	0,066	0,286
CHR15	6251745	CHR15:6251745	SSF x Far_LoA	-10,160	0,039	0,275
CHR15	6251806	CHR15:6251806	SSF x Far_LoA	-8,074	-0,101	0,300
CHR15	6269527	CHR15:6269527	SSF x Far_LoA	-8,111	0,041	0,292
CHR15	6274485	CHR15:6274485	SSF x Far_LoA	-11,552	0,006	0,299
CHR15	6274565	CHR15:6274565	SSF x Far_LoA	-11,117	0,004	0,284
CHR15	6275155	CHR15:6275155	SSF x Far_LoA	-10,313	-0,042	0,303
CHR15	6275208	CHR15:6275208	SSF x Far_LoA	-5,363	-0,147	0,281
CHR15	6275227	CHR15:6275227	SSF x Far_LoA	-8,291	-0,181	0,276
CHR15	6276280	CHR15:6276280	SSF x Far_LoA	-7,135	-0,041	0,301
CHR15	6276421	CHR15:6276421	SSF x Far_LoA	-7,906	0,105	0,283
CHR15	6276432	CHR15:6276432	SSF x Far_LoA	-11,853	0,023	0,287
CHR15	6288912	CHR15:6288912	SSF x Far_LoA	-10,480	-0,113	0,280
CHR15	6288933	CHR15:6288933	SSF x Far_LoA	-8,414	0,001	0,278
CHR15	6289018	CHR15:6289018	SSF x Far_LoA	-10,614	-0,086	0,292
CHR15	6289022	CHR15:6289022	SSF x Far_LoA	-10,708	-0,068	0,290
CHR15	6289047	CHR15:6289047	SSF x Far_LoA	-10,751	-0,084	0,274
CHR15	6289056	CHR15:6289056	SSF x Far_LoA	-8,627	0,125	0,287
CHR15	6289075	CHR15:6289075	SSF x Far_LoA	-9,436	-0,057	0,285
CHR15	6289100	CHR15:6289100	SSF x Far_LoA	-6,674	0,088	0,287
CHR15	6289103	CHR15:6289103	SSF x Far_LoA	-6,655	0,095	0,275
CHR15	6289119	CHR15:6289119	SSF x Far_LoA	-6,975	0,111	0,296
CHR15	6295475	CHR15:6295475	SSF x Far_LoA	-6,174	0,079	0,293

CHR15	6300972	CHR15:6300972	SSF x Far_LoA	-11,742	-0,037	0,292
CHR15	6304896	CHR15:6304896	SSF x Far_LoA	-7,336	0,091	0,295
CHR15	631904	CHR15:631904	SSF x Far_LoA	-8,228	-0,163	0,289
CHR15	6324018	CHR15:6324018	SSF x Far_LoA	-8,446	-0,039	0,288
CHR15	6324038	CHR15:6324038	SSF x Far_LoA	1,802	0,008	0,291
CHR15	6324043	CHR15:6324043	SSF x Far_LoA	-7,300	-0,004	0,291
CHR15	6324148	CHR15:6324148	SSF x Far_LoA	-9,576	0,006	0,299
CHR15	6324556	CHR15:6324556	SSF x Far_LoA	-8,575	0,025	0,289
CHR15	6324572	CHR15:6324572	SSF x Far_LoA	-9,196	0,005	0,280
CHR15	6334423	CHR15:6334423	SSF x Far_LoA	-11,259	-0,006	0,291
CHR15	6337015	CHR15:6337015	SSF x Far_LoA	-8,857	0,019	0,280
CHR15	6337037	CHR15:6337037	SSF x Far_LoA	-9,057	0,013	0,297
CHR15	6337074	CHR15:6337074	SSF x Far_LoA	-7,695	-0,091	0,293
CHR15	6378825	CHR15:6378825	SSF x Far_LoA	-8,379	-0,147	0,294
CHR15	6378837	CHR15:6378837	SSF x Far_LoA	-2,972	0,046	0,294
CHR15	6378868	CHR15:6378868	SSF x Far_LoA	-5,732	-0,164	0,288
CHR15	6378885	CHR15:6378885	SSF x Far_LoA	-8,630	0,028	0,291
CHR15	6378905	CHR15:6378905	SSF x Far_LoA	-10,200	-0,017	0,289
CHR15	6378906	CHR15:6378906	SSF x Far_LoA	-7,879	-0,049	0,299
CHR15	6379020	CHR15:6379020	SSF x Far_LoA	-8,007	0,074	0,294
CHR15	6379031	CHR15:6379031	SSF x Far_LoA	-7,687	0,060	0,283
CHR15	6379062	CHR15:6379062	SSF x Far_LoA	-10,252	-0,028	0,289
CHR15	6381629	CHR15:6381629	SSF x Far_LoA	-6,618	-0,141	0,284
CHR15	6381649	CHR15:6381649	SSF x Far_LoA	-9,989	-0,030	0,292
CHR15	6381801	CHR15:6381801	SSF x Far_LoA	-9,857	0,113	0,276
CHR15	6384680	CHR15:6384680	SSF x Far_LoA	-8,379	0,127	0,290
CHR15	6391590	CHR15:6391590	SSF x Far_LoA	-6,861	-0,153	0,296
CHR15	6391672	CHR15:6391672	SSF x Far_LoA	-9,745	-0,100	0,290
CHR15	6391686	CHR15:6391686	SSF x Far_LoA	-7,769	-0,158	0,289
CHR15	6415786	CHR15:6415786	SSF x Far_LoA	-10,811	0,045	0,294
CHR15	6417826	CHR15:6417826	SSF x Far_LoA	-7,626	0,101	0,289
CHR15	6417854	CHR15:6417854	SSF x Far_LoA	-8,047	0,132	0,275
CHR15	6417940	CHR15:6417940	SSF x Far_LoA	-9,889	-0,082	0,299
CHR15	6453986	CHR15:6453986	SSF x Far_LoA	-10,236	-0,049	0,292
CHR15	6454014	CHR15:6454014	SSF x Far_LoA	-10,123	-0,055	0,293
CHR15	6454105	CHR15:6454105	SSF x Far_LoA	-7,728	-0,045	0,311
CHR15	6454116	CHR15:6454116	SSF x Far_LoA	-7,964	-0,012	0,298
CHR15	6454126	CHR15:6454126	SSF x Far_LoA	-8,599	-0,016	0,306
CHR15	6454151	CHR15:6454151	SSF x Far_LoA	-7,803	0,053	0,302
CHR15	6454170	CHR15:6454170	SSF x Far_LoA	-8,799	-0,032	0,303
CHR15	6459456	CHR15:6459456	SSF x Far_LoA	-6,366	0,096	0,300
CHR15	6459670	CHR15:6459670	SSF x Far_LoA	-10,766	0,107	0,285
CHR15	6466573	CHR15:6466573	SSF x Far_LoA	-7,657	0,139	0,276
CHR15	6466596	CHR15:6466596	SSF x Far_LoA	-8,817	-0,005	0,288
CHR15	6466611	CHR15:6466611	SSF x Far_LoA	-9,171	0,091	0,304
CHR15	6466639	CHR15:6466639	SSF x Far_LoA	-6,989	0,155	0,284
CHR15	6466691	CHR15:6466691	SSF x Far_LoA	-11,587	0,020	0,280
CHR15	6466710	CHR15:6466710	SSF x Far_LoA	-8,863	0,046	0,295
CHR15	6466743	CHR15:6466743	SSF x Far_LoA	-9,266	0,087	0,285
CHR15	6466753	CHR15:6466753	SSF x Far_LoA	-9,273	0,180	0,281
CHR15	648497	CHR15:648497	SSF x Far_LoA	-8,324	0,183	0,282
CHR15	648704	CHR15:648704	SSF x Far_LoA	-10,439	-0,102	0,272
CHR15	6491745	CHR15:6491745	SSF x Far_LoA	-8,803	0,042	0,301

CHR15	6492113	CHR15:6492113	SSF x Far_LoA	-3,491	-0,173	0,288
CHR15	6497256	CHR15:6497256	SSF x Far_LoA	-11,022	0,003	0,286
CHR15	6497274	CHR15:6497274	SSF x Far_LoA	-7,903	0,205	0,274
CHR15	6497293	CHR15:6497293	SSF x Far_LoA	-7,847	0,063	0,277
CHR15	6497300	CHR15:6497300	SSF x Far_LoA	-9,818	0,104	0,295
CHR15	6497349	CHR15:6497349	SSF x Far_LoA	-10,293	-0,055	0,278
CHR15	6498185	CHR15:6498185	SSF x Far_LoA	-9,839	-0,093	0,293
CHR15	6498205	CHR15:6498205	SSF x Far_LoA	-3,814	-0,121	0,305
CHR15	6514611	CHR15:6514611	SSF x Far_LoA	-12,479	0,028	0,272
CHR15	6514682	CHR15:6514682	SSF x Far_LoA	-11,007	0,077	0,299
CHR15	6540489	CHR15:6540489	SSF x Far_LoA	-10,555	-0,075	0,287
CHR15	6540490	CHR15:6540490	SSF x Far_LoA	-10,846	-0,059	0,297
CHR15	6540525	CHR15:6540525	SSF x Far_LoA	-10,129	-0,063	0,286
CHR15	6540555	CHR15:6540555	SSF x Far_LoA	-7,060	0,150	0,304
CHR15	6540603	CHR15:6540603	SSF x Far_LoA	-6,237	-0,175	0,275
CHR15	6544997	CHR15:6544997	SSF x Far_LoA	-8,717	0,050	0,292
CHR15	6545089	CHR15:6545089	SSF x Far_LoA	-8,895	-0,063	0,290
CHR15	6545099	CHR15:6545099	SSF x Far_LoA	-7,534	-0,050	0,300
CHR15	6545110	CHR15:6545110	SSF x Far_LoA	-9,619	0,046	0,296
CHR15	6545188	CHR15:6545188	SSF x Far_LoA	-8,993	-0,070	0,280
CHR15	6545222	CHR15:6545222	SSF x Far_LoA	-9,549	0,017	0,279
CHR15	6563445	CHR15:6563445	SSF x Far_LoA	-7,200	-0,027	0,296
CHR15	6563621	CHR15:6563621	SSF x Far_LoA	-7,327	-0,056	0,306
CHR15	6576165	CHR15:6576165	SSF x Far_LoA	-8,723	-0,053	0,293
CHR15	6578902	CHR15:6578902	SSF x Far_LoA	-5,721	0,049	0,282
CHR15	6585870	CHR15:6585870	SSF x Far_LoA	-11,038	-0,060	0,290
CHR15	6585910	CHR15:6585910	SSF x Far_LoA	-7,139	0,048	0,309
CHR15	6585985	CHR15:6585985	SSF x Far_LoA	3,851	0,095	0,284
CHR15	6591893	CHR15:6591893	SSF x Far_LoA	-12,239	0,003	0,289
CHR15	6592122	CHR15:6592122	SSF x Far_LoA	-9,718	-0,008	0,273
CHR15	6600622	CHR15:6600622	SSF x Far_LoA	-3,704	0,080	0,299
CHR15	6600623	CHR15:6600623	SSF x Far_LoA	-8,732	0,052	0,310
CHR15	6600667	CHR15:6600667	SSF x Far_LoA	-6,746	-0,124	0,276
CHR15	6600684	CHR15:6600684	SSF x Far_LoA	-7,160	0,041	0,292
CHR15	6600819	CHR15:6600819	SSF x Far_LoA	-10,287	-0,073	0,296
CHR15	6610097	CHR15:6610097	SSF x Far_LoA	-10,128	-0,034	0,293
CHR15	6610349	CHR15:6610349	SSF x Far_LoA	-7,003	-0,112	0,287
CHR15	6613196	CHR15:6613196	SSF x Far_LoA	-8,759	-0,130	0,281
CHR15	6613369	CHR15:6613369	SSF x Far_LoA	-11,300	0,079	0,290
CHR15	6613411	CHR15:6613411	SSF x Far_LoA	-11,620	-0,036	0,294
CHR15	6613428	CHR15:6613428	SSF x Far_LoA	-9,631	-0,012	0,281
CHR15	6625176	CHR15:6625176	SSF x Far_LoA	-8,179	0,042	0,300
CHR15	6625201	CHR15:6625201	SSF x Far_LoA	-5,075	0,147	0,293
CHR15	6625221	CHR15:6625221	SSF x Far_LoA	-7,955	0,031	0,296
CHR15	6625229	CHR15:6625229	SSF x Far_LoA	-9,895	-0,003	0,293
CHR15	6625322	CHR15:6625322	SSF x Far_LoA	-7,516	0,129	0,289
CHR15	6625350	CHR15:6625350	SSF x Far_LoA	-8,500	0,060	0,291
CHR15	6635808	CHR15:6635808	SSF x Far_LoA	-7,691	0,103	0,291
CHR15	6635824	CHR15:6635824	SSF x Far_LoA	-9,156	0,087	0,282
CHR15	6635877	CHR15:6635877	SSF x Far_LoA	-8,987	0,016	0,299
CHR15	6653088	CHR15:6653088	SSF x Far_LoA	-11,460	0,022	0,285
CHR15	6653261	CHR15:6653261	SSF x Far_LoA	-9,724	-0,046	0,290
CHR15	6653381	CHR15:6653381	SSF x Far_LoA	-12,125	0,046	0,284

CHR15	6657709	CHR15:6657709	SSF x Far_LoA	-11,654	0,092	0,287
CHR15	6657841	CHR15:6657841	SSF x Far_LoA	-9,758	0,015	0,302
CHR15	6657850	CHR15:6657850	SSF x Far_LoA	-4,144	-0,196	0,283
CHR15	6657878	CHR15:6657878	SSF x Far_LoA	-9,808	-0,032	0,292
CHR15	6657882	CHR15:6657882	SSF x Far_LoA	-9,204	-0,031	0,293
CHR15	6664643	CHR15:6664643	SSF x Far_LoA	-9,317	-0,086	0,296
CHR15	6674432	CHR15:6674432	SSF x Far_LoA	-8,333	-0,082	0,289
CHR15	668654	CHR15:668654	SSF x Far_LoA	7,013	-0,136	0,294
CHR15	668658	CHR15:668658	SSF x Far_LoA	-9,510	-0,069	0,301
CHR15	668777	CHR15:668777	SSF x Far_LoA	-9,191	-0,089	0,299
CHR15	669061	CHR15:669061	SSF x Far_LoA	-7,188	0,152	0,286
CHR15	6699928	CHR15:6699928	SSF x Far_LoA	-7,356	-0,120	0,279
CHR15	6699935	CHR15:6699935	SSF x Far_LoA	-11,707	0,049	0,282
CHR15	6699998	CHR15:6699998	SSF x Far_LoA	-11,718	0,007	0,286
CHR15	6704842	CHR15:6704842	SSF x Far_LoA	-10,759	0,120	0,285
CHR15	6704985	CHR15:6704985	SSF x Far_LoA	-7,730	0,085	0,281
CHR15	6705069	CHR15:6705069	SSF x Far_LoA	-9,000	0,074	0,272
CHR15	6718424	CHR15:6718424	SSF x Far_LoA	-10,417	0,011	0,291
CHR15	6719608	CHR15:6719608	SSF x Far_LoA	-6,195	0,185	0,286
CHR15	6725113	CHR15:6725113	SSF x Far_LoA	-9,148	-0,018	0,283
CHR15	6725149	CHR15:6725149	SSF x Far_LoA	-10,862	0,025	0,280
CHR15	6726073	CHR15:6726073	SSF x Far_LoA	-10,258	-0,001	0,289
CHR15	6736340	CHR15:6736340	SSF x Far_LoA	-9,523	0,002	0,273
CHR15	6738885	CHR15:6738885	SSF x Far_LoA	-10,221	0,004	0,290
CHR15	6739186	CHR15:6739186	SSF x Far_LoA	-8,662	0,142	0,278
CHR15	6758944	CHR15:6758944	SSF x Far_LoA	-10,776	-0,006	0,292
CHR15	6758958	CHR15:6758958	SSF x Far_LoA	-10,697	0,045	0,291
CHR15	6758996	CHR15:6758996	SSF x Far_LoA	-10,228	0,015	0,299
CHR15	6763439	CHR15:6763439	SSF x Far_LoA	-7,773	0,163	0,281
CHR15	6771908	CHR15:6771908	SSF x Far_LoA	-6,521	0,021	0,303
CHR15	6772101	CHR15:6772101	SSF x Far_LoA	-4,493	-0,184	0,286
CHR15	6772125	CHR15:6772125	SSF x Far_LoA	-8,132	0,000	0,295
CHR15	6772176	CHR15:6772176	SSF x Far_LoA	-8,819	0,101	0,277
CHR15	6773303	CHR15:6773303	SSF x Far_LoA	-10,423	0,002	0,305
CHR15	6785991	CHR15:6785991	SSF x Far_LoA	-11,062	0,002	0,295
CHR15	6787478	CHR15:6787478	SSF x Far_LoA	-9,764	-0,006	0,276
CHR15	6789120	CHR15:6789120	SSF x Far_LoA	-10,036	-0,109	0,285
CHR15	6791561	CHR15:6791561	SSF x Far_LoA	-11,353	0,015	0,288
CHR15	6791601	CHR15:6791601	SSF x Far_LoA	-7,321	-0,069	0,289
CHR15	6791627	CHR15:6791627	SSF x Far_LoA	-5,732	-0,133	0,288
CHR15	6791629	CHR15:6791629	SSF x Far_LoA	-9,034	-0,020	0,295
CHR15	6791701	CHR15:6791701	SSF x Far_LoA	-10,749	-0,026	0,301
CHR15	6800809	CHR15:6800809	SSF x Far_LoA	-11,178	0,026	0,297
CHR15	6800855	CHR15:6800855	SSF x Far_LoA	-9,818	0,071	0,273
CHR15	6800866	CHR15:6800866	SSF x Far_LoA	-7,585	0,072	0,301
CHR15	6805047	CHR15:6805047	SSF x Far_LoA	-8,297	0,087	0,304
CHR15	6805393	CHR15:6805393	SSF x Far_LoA	-5,554	-0,218	0,276
CHR15	6810046	CHR15:6810046	SSF x Far_LoA	-9,936	0,087	0,286
CHR15	6810051	CHR15:6810051	SSF x Far_LoA	-10,397	0,064	0,296
CHR15	6810052	CHR15:6810052	SSF x Far_LoA	-10,650	0,064	0,285
CHR15	6810073	CHR15:6810073	SSF x Far_LoA	-3,004	-0,133	0,301
CHR15	6810083	CHR15:6810083	SSF x Far_LoA	-7,724	0,037	0,296
CHR15	6810133	CHR15:6810133	SSF x Far_LoA	-9,808	0,037	0,281

CHR15	6810142	CHR15:6810142	SSF x Far_LoA	-6,497	0,034	0,288
CHR15	6810192	CHR15:6810192	SSF x Far_LoA	-10,240	0,060	0,280
CHR15	6810198	CHR15:6810198	SSF x Far_LoA	-7,018	-0,085	0,301
CHR15	6810210	CHR15:6810210	SSF x Far_LoA	-9,791	0,161	0,289
CHR15	6810279	CHR15:6810279	SSF x Far_LoA	-5,586	-0,092	0,293
CHR15	6812694	CHR15:6812694	SSF x Far_LoA	-9,028	0,157	0,282
CHR15	6821734	CHR15:6821734	SSF x Far_LoA	-7,761	-0,039	0,298
CHR15	6821798	CHR15:6821798	SSF x Far_LoA	-8,016	-0,058	0,263
CHR15	6831712	CHR15:6831712	SSF x Far_LoA	-12,512	0,026	0,283
CHR15	6831810	CHR15:6831810	SSF x Far_LoA	-8,116	0,004	0,284
CHR15	6831828	CHR15:6831828	SSF x Far_LoA	-9,615	0,076	0,284
CHR15	6845641	CHR15:6845641	SSF x Far_LoA	-6,246	-0,203	0,287
CHR15	6845668	CHR15:6845668	SSF x Far_LoA	-7,811	-0,080	0,289
CHR15	6845719	CHR15:6845719	SSF x Far_LoA	-8,285	-0,153	0,282
CHR15	6845746	CHR15:6845746	SSF x Far_LoA	-11,357	-0,038	0,294
CHR15	6861840	CHR15:6861840	SSF x Far_LoA	-12,142	0,013	0,292
CHR15	6861867	CHR15:6861867	SSF x Far_LoA	-8,877	-0,042	0,294
CHR15	6861951	CHR15:6861951	SSF x Far_LoA	-7,739	-0,033	0,285
CHR15	6861967	CHR15:6861967	SSF x Far_LoA	-10,443	0,056	0,290
CHR15	6863010	CHR15:6863010	SSF x Far_LoA	-8,562	0,028	0,296
CHR15	6863032	CHR15:6863032	SSF x Far_LoA	-9,611	0,011	0,286
CHR15	6863049	CHR15:6863049	SSF x Far_LoA	-8,380	0,056	0,298
CHR15	6863072	CHR15:6863072	SSF x Far_LoA	-8,106	-0,018	0,292
CHR15	6863074	CHR15:6863074	SSF x Far_LoA	-11,891	0,057	0,304
CHR15	6863100	CHR15:6863100	SSF x Far_LoA	-11,291	-0,067	0,283
CHR15	6863116	CHR15:6863116	SSF x Far_LoA	-8,922	0,001	0,314
CHR15	6871273	CHR15:6871273	SSF x Far_LoA	-10,334	0,035	0,291
CHR15	6881432	CHR15:6881432	SSF x Far_LoA	-10,549	-0,088	0,296
CHR15	6886468	CHR15:6886468	SSF x Far_LoA	-5,607	-0,002	0,292
CHR15	6886692	CHR15:6886692	SSF x Far_LoA	-8,448	-0,078	0,290
CHR15	6899163	CHR15:6899163	SSF x Far_LoA	-11,063	-0,010	0,289
CHR15	6899214	CHR15:6899214	SSF x Far_LoA	-7,720	-0,100	0,288
CHR15	6899284	CHR15:6899284	SSF x Far_LoA	-9,855	0,003	0,275
CHR15	6899302	CHR15:6899302	SSF x Far_LoA	-4,702	-0,130	0,307
CHR15	6899403	CHR15:6899403	SSF x Far_LoA	-12,314	0,024	0,303
CHR15	6930531	CHR15:6930531	SSF x Far_LoA	-9,818	0,117	0,290
CHR15	6930720	CHR15:6930720	SSF x Far_LoA	-4,476	-0,258	0,275
CHR15	6934633	CHR15:6934633	SSF x Far_LoA	-9,700	-0,076	0,295
CHR15	6936549	CHR15:6936549	SSF x Far_LoA	-8,742	0,000	0,282
CHR15	6936563	CHR15:6936563	SSF x Far_LoA	-9,307	0,057	0,280
CHR15	6936570	CHR15:6936570	SSF x Far_LoA	-7,595	0,042	0,301
CHR15	6936603	CHR15:6936603	SSF x Far_LoA	-5,844	0,112	0,293
CHR15	6936626	CHR15:6936626	SSF x Far_LoA	-9,328	-0,166	0,281
CHR15	6936698	CHR15:6936698	SSF x Far_LoA	-7,466	0,059	0,297
CHR15	6936703	CHR15:6936703	SSF x Far_LoA	-8,229	0,063	0,300
CHR15	6964050	CHR15:6964050	SSF x Far_LoA	-10,728	-0,003	0,306
CHR15	6964117	CHR15:6964117	SSF x Far_LoA	-11,071	-0,034	0,291
CHR15	6964122	CHR15:6964122	SSF x Far_LoA	-8,670	-0,041	0,311
CHR15	6964124	CHR15:6964124	SSF x Far_LoA	-8,969	-0,036	0,304
CHR15	6964168	CHR15:6964168	SSF x Far_LoA	-9,927	0,014	0,293
CHR15	6964181	CHR15:6964181	SSF x Far_LoA	-10,243	0,033	0,313
CHR15	6964183	CHR15:6964183	SSF x Far_LoA	-10,687	-0,020	0,296
CHR15	6964288	CHR15:6964288	SSF x Far_LoA	-7,847	-0,119	0,280

CHR15	6964347	CHR15:6964347	SSF x Far_LoA	-8,842	0,049	0,280
CHR15	6964353	CHR15:6964353	SSF x Far_LoA	-9,285	0,035	0,290
CHR15	6966153	CHR15:6966153	SSF x Far_LoA	-8,131	-0,058	0,284
CHR15	6975276	CHR15:6975276	SSF x Far_LoA	-7,098	-0,082	0,305
CHR15	6975308	CHR15:6975308	SSF x Far_LoA	-9,577	-0,056	0,300
CHR15	6975317	CHR15:6975317	SSF x Far_LoA	-8,230	-0,081	0,292
CHR15	6975371	CHR15:6975371	SSF x Far_LoA	-8,238	-0,124	0,291
CHR15	6975380	CHR15:6975380	SSF x Far_LoA	4,838	0,127	0,290
CHR15	6975385	CHR15:6975385	SSF x Far_LoA	-6,507	0,132	0,290
CHR15	6975444	CHR15:6975444	SSF x Far_LoA	-10,170	0,037	0,277
CHR15	6975462	CHR15:6975462	SSF x Far_LoA	-5,433	-0,056	0,292
CHR15	6979071	CHR15:6979071	SSF x Far_LoA	-11,318	-0,009	0,275
CHR15	6980215	CHR15:6980215	SSF x Far_LoA	-7,064	-0,112	0,292
CHR15	6980237	CHR15:6980237	SSF x Far_LoA	-11,314	0,028	0,272
CHR15	6980238	CHR15:6980238	SSF x Far_LoA	-5,362	0,123	0,270
CHR15	6980242	CHR15:6980242	SSF x Far_LoA	-10,408	0,081	0,279
CHR15	6980245	CHR15:6980245	SSF x Far_LoA	-11,010	0,068	0,285
CHR15	6980376	CHR15:6980376	SSF x Far_LoA	-5,710	-0,161	0,293
CHR15	7001889	CHR15:7001889	SSF x Far_LoA	-8,934	-0,026	0,311
CHR15	7001921	CHR15:7001921	SSF x Far_LoA	-9,269	0,040	0,290
CHR15	7001949	CHR15:7001949	SSF x Far_LoA	-7,315	0,081	0,298
CHR15	7001968	CHR15:7001968	SSF x Far_LoA	-6,096	0,044	0,295
CHR15	7006743	CHR15:7006743	SSF x Far_LoA	-8,622	0,040	0,293
CHR15	7041284	CHR15:7041284	SSF x Far_LoA	-10,655	-0,005	0,279
CHR15	7043427	CHR15:7043427	SSF x Far_LoA	-6,527	-0,094	0,294
CHR15	7043430	CHR15:7043430	SSF x Far_LoA	-7,245	-0,063	0,310
CHR15	7043465	CHR15:7043465	SSF x Far_LoA	-10,199	-0,040	0,302
CHR15	7043483	CHR15:7043483	SSF x Far_LoA	-9,058	-0,134	0,290
CHR15	7044604	CHR15:7044604	SSF x Far_LoA	-7,389	-0,088	0,312
CHR15	7044638	CHR15:7044638	SSF x Far_LoA	-9,120	-0,112	0,280
CHR15	7044698	CHR15:7044698	SSF x Far_LoA	-9,841	-0,084	0,308
CHR15	7044718	CHR15:7044718	SSF x Far_LoA	-9,502	0,020	0,295
CHR15	7058000	CHR15:7058000	SSF x Far_LoA	-10,842	-0,071	0,296
CHR15	705926	CHR15:705926	SSF x Far_LoA	-7,732	-0,040	0,292
CHR15	706090	CHR15:706090	SSF x Far_LoA	-10,733	0,015	0,279
CHR15	706128	CHR15:706128	SSF x Far_LoA	-8,009	-0,084	0,284
CHR15	7061542	CHR15:7061542	SSF x Far_LoA	-8,691	0,026	0,292
CHR15	7065167	CHR15:7065167	SSF x Far_LoA	-9,764	-0,156	0,289
CHR15	7065236	CHR15:7065236	SSF x Far_LoA	-9,840	0,012	0,290
CHR15	7076692	CHR15:7076692	SSF x Far_LoA	-10,698	0,028	0,295
CHR15	7087097	CHR15:7087097	SSF x Far_LoA	-11,004	-0,018	0,285
CHR15	7115218	CHR15:7115218	SSF x Far_LoA	-10,437	-0,053	0,285
CHR15	7115258	CHR15:7115258	SSF x Far_LoA	-10,359	-0,071	0,277
CHR15	7115268	CHR15:7115268	SSF x Far_LoA	-12,051	-0,014	0,289
CHR15	7127311	CHR15:7127311	SSF x Far_LoA	-9,634	0,029	0,296
CHR15	7127379	CHR15:7127379	SSF x Far_LoA	-11,319	-0,071	0,289
CHR15	7127489	CHR15:7127489	SSF x Far_LoA	-7,362	-0,016	0,286
CHR15	7127494	CHR15:7127494	SSF x Far_LoA	-9,960	0,085	0,288
CHR15	7127521	CHR15:7127521	SSF x Far_LoA	-9,592	-0,079	0,285
CHR15	7127522	CHR15:7127522	SSF x Far_LoA	-7,767	0,078	0,278
CHR15	7141565	CHR15:7141565	SSF x Far_LoA	-7,390	-0,098	0,284
CHR15	7141573	CHR15:7141573	SSF x Far_LoA	-7,232	-0,077	0,292
CHR15	7141704	CHR15:7141704	SSF x Far_LoA	-8,971	0,095	0,296

CHR15	7141727	CHR15:7141727	SSF x Far_LoA	-7,803	0,058	0,305
CHR15	7141768	CHR15:7141768	SSF x Far_LoA	-6,319	-0,151	0,293
CHR15	7141811	CHR15:7141811	SSF x Far_LoA	-9,020	-0,166	0,290
CHR15	7141830	CHR15:7141830	SSF x Far_LoA	-6,409	0,104	0,289
CHR15	7151252	CHR15:7151252	SSF x Far_LoA	-9,300	-0,099	0,305
CHR15	7151379	CHR15:7151379	SSF x Far_LoA	-7,781	-0,047	0,300
CHR15	7151595	CHR15:7151595	SSF x Far_LoA	-9,492	0,095	0,294
CHR15	7151608	CHR15:7151608	SSF x Far_LoA	-8,971	0,093	0,303
CHR15	7151716	CHR15:7151716	SSF x Far_LoA	-8,417	0,132	0,281
CHR15	7151756	CHR15:7151756	SSF x Far_LoA	-6,011	-0,062	0,294
CHR15	7154028	CHR15:7154028	SSF x Far_LoA	-9,967	0,029	0,293
CHR15	7154058	CHR15:7154058	SSF x Far_LoA	-9,413	0,118	0,297
CHR15	7154124	CHR15:7154124	SSF x Far_LoA	-8,372	-0,080	0,294
CHR15	7170298	CHR15:7170298	SSF x Far_LoA	-7,799	0,058	0,291
CHR15	7170332	CHR15:7170332	SSF x Far_LoA	-6,227	-0,173	0,284
CHR15	7170452	CHR15:7170452	SSF x Far_LoA	-8,142	-0,082	0,298
CHR15	7175232	CHR15:7175232	SSF x Far_LoA	-10,531	-0,036	0,290
CHR15	7175317	CHR15:7175317	SSF x Far_LoA	-6,568	-0,081	0,285
CHR15	7175391	CHR15:7175391	SSF x Far_LoA	-7,425	0,046	0,308
CHR15	7184850	CHR15:7184850	SSF x Far_LoA	-9,403	-0,012	0,299
CHR15	7184887	CHR15:7184887	SSF x Far_LoA	-8,356	0,008	0,284
CHR15	7184934	CHR15:7184934	SSF x Far_LoA	-10,128	0,019	0,280
CHR15	7187846	CHR15:7187846	SSF x Far_LoA	-8,275	0,043	0,287
CHR15	7188020	CHR15:7188020	SSF x Far_LoA	-11,486	-0,113	0,274
CHR15	720816	CHR15:720816	SSF x Far_LoA	-7,981	-0,009	0,299
CHR15	722173	CHR15:722173	SSF x Far_LoA	-7,437	0,081	0,289
CHR15	722239	CHR15:722239	SSF x Far_LoA	-9,767	-0,066	0,298
CHR15	722318	CHR15:722318	SSF x Far_LoA	-9,058	0,133	0,287
CHR15	722363	CHR15:722363	SSF x Far_LoA	-10,028	0,010	0,300
CHR15	7232432	CHR15:7232432	SSF x Far_LoA	-9,306	0,001	0,284
CHR15	7232512	CHR15:7232512	SSF x Far_LoA	-9,946	0,103	0,290
CHR15	7232724	CHR15:7232724	SSF x Far_LoA	-8,058	0,084	0,289
CHR15	7232739	CHR15:7232739	SSF x Far_LoA	-11,334	0,004	0,299
CHR15	7232897	CHR15:7232897	SSF x Far_LoA	-8,780	-0,055	0,296
CHR15	7247113	CHR15:7247113	SSF x Far_LoA	-8,651	-0,037	0,298
CHR15	7247273	CHR15:7247273	SSF x Far_LoA	-9,534	0,046	0,304
CHR15	7254234	CHR15:7254234	SSF x Far_LoA	-8,480	0,024	0,279
CHR15	7254291	CHR15:7254291	SSF x Far_LoA	-6,866	-0,019	0,294
CHR15	7254371	CHR15:7254371	SSF x Far_LoA	-8,556	0,048	0,281
CHR15	7254422	CHR15:7254422	SSF x Far_LoA	-9,278	-0,092	0,285
CHR15	7254457	CHR15:7254457	SSF x Far_LoA	-8,534	-0,069	0,296
CHR15	7254498	CHR15:7254498	SSF x Far_LoA	-7,379	0,133	0,291
CHR15	7260468	CHR15:7260468	SSF x Far_LoA	-9,615	-0,075	0,289
CHR15	726086	CHR15:726086	SSF x Far_LoA	-5,270	0,125	0,292
CHR15	726114	CHR15:726114	SSF x Far_LoA	-7,634	0,063	0,291
CHR15	726198	CHR15:726198	SSF x Far_LoA	-11,131	0,044	0,285
CHR15	726225	CHR15:726225	SSF x Far_LoA	-9,174	-0,039	0,286
CHR15	7274933	CHR15:7274933	SSF x Far_LoA	-9,641	-0,068	0,298
CHR15	7274942	CHR15:7274942	SSF x Far_LoA	-9,072	0,090	0,289
CHR15	7274986	CHR15:7274986	SSF x Far_LoA	-9,525	-0,017	0,291
CHR15	7312550	CHR15:7312550	SSF x Far_LoA	-8,796	0,068	0,292
CHR15	7312578	CHR15:7312578	SSF x Far_LoA	-8,293	-0,045	0,298
CHR15	731339	CHR15:731339	SSF x Far_LoA	-4,456	0,082	0,293

CHR15	7317696	CHR15:7317696	SSF x Far_LoA	-9,869	-0,055	0,287
CHR15	7317715	CHR15:7317715	SSF x Far_LoA	-7,329	0,086	0,295
CHR15	7317808	CHR15:7317808	SSF x Far_LoA	-8,693	0,088	0,283
CHR15	7329941	CHR15:7329941	SSF x Far_LoA	-10,226	0,046	0,303
CHR15	7329999	CHR15:7329999	SSF x Far_LoA	-9,643	0,044	0,292
CHR15	7330022	CHR15:7330022	SSF x Far_LoA	-11,789	-0,066	0,287
CHR15	7330031	CHR15:7330031	SSF x Far_LoA	-10,231	0,067	0,294
CHR15	7336664	CHR15:7336664	SSF x Far_LoA	-9,083	0,014	0,280
CHR15	7336678	CHR15:7336678	SSF x Far_LoA	-9,249	-0,001	0,294
CHR15	7336714	CHR15:7336714	SSF x Far_LoA	-9,531	-0,067	0,285
CHR15	7336724	CHR15:7336724	SSF x Far_LoA	-9,876	0,046	0,294
CHR15	7336746	CHR15:7336746	SSF x Far_LoA	-5,889	0,068	0,283
CHR15	7340165	CHR15:7340165	SSF x Far_LoA	-9,594	-0,039	0,300
CHR15	7340206	CHR15:7340206	SSF x Far_LoA	-10,044	-0,057	0,292
CHR15	7340282	CHR15:7340282	SSF x Far_LoA	-7,936	-0,108	0,289
CHR15	7340313	CHR15:7340313	SSF x Far_LoA	-7,781	-0,017	0,306
CHR15	7346997	CHR15:7346997	SSF x Far_LoA	-7,845	0,030	0,303
CHR15	7355708	CHR15:7355708	SSF x Far_LoA	-11,370	0,011	0,289
CHR15	7355743	CHR15:7355743	SSF x Far_LoA	-8,371	0,045	0,290
CHR15	7355845	CHR15:7355845	SSF x Far_LoA	-11,774	0,103	0,275
CHR15	7355901	CHR15:7355901	SSF x Far_LoA	-10,923	-0,075	0,280
CHR15	7355940	CHR15:7355940	SSF x Far_LoA	-10,029	0,019	0,284
CHR15	7357726	CHR15:7357726	SSF x Far_LoA	-10,129	0,059	0,285
CHR15	7357770	CHR15:7357770	SSF x Far_LoA	-9,373	0,093	0,288
CHR15	7357771	CHR15:7357771	SSF x Far_LoA	-10,350	-0,074	0,279
CHR15	7362727	CHR15:7362727	SSF x Far_LoA	-9,961	0,069	0,283
CHR15	7372943	CHR15:7372943	SSF x Far_LoA	-9,292	-0,113	0,287
CHR15	7372949	CHR15:7372949	SSF x Far_LoA	-5,955	0,025	0,303
CHR15	7372965	CHR15:7372965	SSF x Far_LoA	-4,273	0,028	0,301
CHR15	7372966	CHR15:7372966	SSF x Far_LoA	-7,696	0,059	0,300
CHR15	7372968	CHR15:7372968	SSF x Far_LoA	-10,652	0,023	0,289
CHR15	7373024	CHR15:7373024	SSF x Far_LoA	-8,057	-0,034	0,276
CHR15	7373070	CHR15:7373070	SSF x Far_LoA	-7,792	0,115	0,299
CHR15	7373096	CHR15:7373096	SSF x Far_LoA	-7,943	-0,034	0,309
CHR15	7373110	CHR15:7373110	SSF x Far_LoA	-10,508	0,022	0,284
CHR15	7373139	CHR15:7373139	SSF x Far_LoA	-11,526	0,041	0,292
CHR15	7386253	CHR15:7386253	SSF x Far_LoA	-5,907	0,052	0,301
CHR15	7386270	CHR15:7386270	SSF x Far_LoA	-11,284	0,046	0,288
CHR15	7392615	CHR15:7392615	SSF x Far_LoA	-10,521	0,057	0,282
CHR15	7392641	CHR15:7392641	SSF x Far_LoA	-11,108	0,006	0,287
CHR15	7392648	CHR15:7392648	SSF x Far_LoA	-8,530	0,141	0,296
CHR15	7392813	CHR15:7392813	SSF x Far_LoA	-11,433	-0,051	0,299
CHR15	7392877	CHR15:7392877	SSF x Far_LoA	-8,381	-0,148	0,276
CHR15	7392959	CHR15:7392959	SSF x Far_LoA	-9,667	-0,070	0,283
CHR15	7398446	CHR15:7398446	SSF x Far_LoA	-10,495	0,005	0,279
CHR15	7398775	CHR15:7398775	SSF x Far_LoA	-11,899	-0,006	0,291
CHR15	7401313	CHR15:7401313	SSF x Far_LoA	-8,148	-0,009	0,305
CHR15	7401389	CHR15:7401389	SSF x Far_LoA	-8,611	0,133	0,292
CHR15	7402657	CHR15:7402657	SSF x Far_LoA	-11,021	0,068	0,280
CHR15	7402710	CHR15:7402710	SSF x Far_LoA	-7,989	-0,069	0,296
CHR15	7417208	CHR15:7417208	SSF x Far_LoA	-6,391	0,071	0,294
CHR15	7422340	CHR15:7422340	SSF x Far_LoA	-8,086	0,037	0,294
CHR15	7422349	CHR15:7422349	SSF x Far_LoA	-8,097	0,152	0,288

CHR15	7436653	CHR15:7436653	SSF x Far_LoA	-11,051	-0,013	0,301
CHR15	7436920	CHR15:7436920	SSF x Far_LoA	-10,675	-0,077	0,284
CHR15	7437030	CHR15:7437030	SSF x Far_LoA	6,577	0,146	0,276
CHR15	7437065	CHR15:7437065	SSF x Far_LoA	-10,416	0,048	0,290
CHR15	7444800	CHR15:7444800	SSF x Far_LoA	-9,296	-0,050	0,280
CHR15	7488852	CHR15:7488852	SSF x Far_LoA	-12,053	-0,004	0,281
CHR15	7488911	CHR15:7488911	SSF x Far_LoA	-11,076	-0,009	0,283
CHR15	7506142	CHR15:7506142	SSF x Far_LoA	-8,916	0,041	0,296
CHR15	7506148	CHR15:7506148	SSF x Far_LoA	-9,744	-0,021	0,288
CHR15	7506153	CHR15:7506153	SSF x Far_LoA	-5,484	-0,084	0,309
CHR15	7528349	CHR15:7528349	SSF x Far_LoA	-8,904	0,097	0,295
CHR15	7528352	CHR15:7528352	SSF x Far_LoA	-8,977	-0,084	0,282
CHR15	7528451	CHR15:7528451	SSF x Far_LoA	-7,634	-0,067	0,291
CHR15	7528454	CHR15:7528454	SSF x Far_LoA	-9,187	-0,047	0,290
CHR15	7538033	CHR15:7538033	SSF x Far_LoA	-9,616	0,048	0,293
CHR15	7538252	CHR15:7538252	SSF x Far_LoA	-8,513	0,024	0,291
CHR15	7543010	CHR15:7543010	SSF x Far_LoA	-9,270	-0,120	0,282
CHR15	7543099	CHR15:7543099	SSF x Far_LoA	-10,790	0,001	0,281
CHR15	7555040	CHR15:7555040	SSF x Far_LoA	-8,952	-0,053	0,291
CHR15	7555174	CHR15:7555174	SSF x Far_LoA	-8,795	0,068	0,278
CHR15	7555271	CHR15:7555271	SSF x Far_LoA	-9,183	0,028	0,291
CHR15	7558908	CHR15:7558908	SSF x Far_LoA	-8,350	-0,060	0,296
CHR15	7559020	CHR15:7559020	SSF x Far_LoA	-9,446	-0,021	0,304
CHR15	7559035	CHR15:7559035	SSF x Far_LoA	-10,506	0,006	0,304
CHR15	7559097	CHR15:7559097	SSF x Far_LoA	-0,781	0,011	0,277
CHR15	7559144	CHR15:7559144	SSF x Far_LoA	-9,049	0,088	0,294
CHR15	7559169	CHR15:7559169	SSF x Far_LoA	-9,250	-0,001	0,268
CHR15	7566625	CHR15:7566625	SSF x Far_LoA	-9,790	0,064	0,295
CHR15	758974	CHR15:758974	SSF x Far_LoA	-11,257	-0,043	0,293
CHR15	7592528	CHR15:7592528	SSF x Far_LoA	-10,631	-0,042	0,300
CHR15	7592602	CHR15:7592602	SSF x Far_LoA	-11,730	0,068	0,294
CHR15	7595945	CHR15:7595945	SSF x Far_LoA	-10,396	-0,025	0,278
CHR15	7653515	CHR15:7653515	SSF x Far_LoA	-3,767	-0,168	0,276
CHR15	7659783	CHR15:7659783	SSF x Far_LoA	-5,727	-0,009	0,307
CHR15	7666897	CHR15:7666897	SSF x Far_LoA	-7,060	0,054	0,295
CHR15	7669060	CHR15:7669060	SSF x Far_LoA	-9,721	-0,088	0,284
CHR15	767893	CHR15:767893	SSF x Far_LoA	-9,512	0,005	0,290
CHR15	767944	CHR15:767944	SSF x Far_LoA	-11,548	0,007	0,284
CHR15	767985	CHR15:767985	SSF x Far_LoA	-9,745	-0,025	0,318
CHR15	7686740	CHR15:7686740	SSF x Far_LoA	-12,100	0,023	0,287
CHR15	7690489	CHR15:7690489	SSF x Far_LoA	-9,892	0,006	0,286
CHR15	7690494	CHR15:7690494	SSF x Far_LoA	-2,914	-0,207	0,280
CHR15	7697051	CHR15:7697051	SSF x Far_LoA	-9,433	0,077	0,297
CHR15	7699517	CHR15:7699517	SSF x Far_LoA	-10,910	0,075	0,287
CHR15	7699518	CHR15:7699518	SSF x Far_LoA	-8,779	0,107	0,288
CHR15	7707501	CHR15:7707501	SSF x Far_LoA	-10,753	-0,021	0,299
CHR15	7707566	CHR15:7707566	SSF x Far_LoA	-9,317	-0,018	0,286
CHR15	7707601	CHR15:7707601	SSF x Far_LoA	-10,234	-0,003	0,299
CHR15	7707749	CHR15:7707749	SSF x Far_LoA	-6,864	0,024	0,284
CHR15	7707759	CHR15:7707759	SSF x Far_LoA	-11,218	-0,034	0,288
CHR15	7707760	CHR15:7707760	SSF x Far_LoA	-1,323	-0,042	0,284
CHR15	7707761	CHR15:7707761	SSF x Far_LoA	-10,529	-0,071	0,274
CHR15	7725260	CHR15:7725260	SSF x Far_LoA	-9,238	-0,095	0,264

CHR15	7725306	CHR15:7725306	SSF x Far_LoA	-8,748	0,069	0,279
CHR15	7725734	CHR15:7725734	SSF x Far_LoA	-8,293	0,093	0,302
CHR15	7725895	CHR15:7725895	SSF x Far_LoA	-10,815	0,089	0,288
CHR15	7745178	CHR15:7745178	SSF x Far_LoA	-7,669	-0,060	0,274
CHR15	7745341	CHR15:7745341	SSF x Far_LoA	-6,751	0,134	0,285
CHR15	7750518	CHR15:7750518	SSF x Far_LoA	-10,148	-0,002	0,286
CHR15	7750524	CHR15:7750524	SSF x Far_LoA	-9,192	-0,008	0,295
CHR15	7750673	CHR15:7750673	SSF x Far_LoA	-10,829	0,123	0,272
CHR15	7750798	CHR15:7750798	SSF x Far_LoA	-11,418	-0,019	0,299
CHR15	7767091	CHR15:7767091	SSF x Far_LoA	-8,797	0,062	0,285
CHR15	7767160	CHR15:7767160	SSF x Far_LoA	-10,050	-0,071	0,284
CHR15	7775277	CHR15:7775277	SSF x Far_LoA	-8,418	0,053	0,280
CHR15	7775332	CHR15:7775332	SSF x Far_LoA	-8,889	-0,022	0,301
CHR15	7775387	CHR15:7775387	SSF x Far_LoA	-8,271	-0,138	0,289
CHR15	7775592	CHR15:7775592	SSF x Far_LoA	-10,874	-0,022	0,298
CHR15	7782945	CHR15:7782945	SSF x Far_LoA	-9,204	0,040	0,287
CHR15	7783164	CHR15:7783164	SSF x Far_LoA	-9,483	-0,031	0,291
CHR15	7783208	CHR15:7783208	SSF x Far_LoA	-11,161	-0,120	0,302
CHR15	7783209	CHR15:7783209	SSF x Far_LoA	-9,257	0,012	0,289
CHR15	7783269	CHR15:7783269	SSF x Far_LoA	-10,627	-0,025	0,279
CHR15	7783298	CHR15:7783298	SSF x Far_LoA	-9,850	-0,043	0,280
CHR15	7783325	CHR15:7783325	SSF x Far_LoA	-9,032	-0,074	0,282
CHR15	7792680	CHR15:7792680	SSF x Far_LoA	-10,486	-0,138	0,293
CHR15	7796257	CHR15:7796257	SSF x Far_LoA	-8,830	-0,053	0,293
CHR15	7806163	CHR15:7806163	SSF x Far_LoA	-9,244	-0,055	0,308
CHR15	7815245	CHR15:7815245	SSF x Far_LoA	-11,366	-0,074	0,281
CHR15	7840662	CHR15:7840662	SSF x Far_LoA	-11,390	-0,077	0,279
CHR15	7842267	CHR15:7842267	SSF x Far_LoA	-8,241	-0,058	0,284
CHR15	7858844	CHR15:7858844	SSF x Far_LoA	-9,246	-0,103	0,288
CHR15	7858852	CHR15:7858852	SSF x Far_LoA	-12,303	0,056	0,280
CHR15	7858955	CHR15:7858955	SSF x Far_LoA	-7,930	0,097	0,283
CHR15	7864547	CHR15:7864547	SSF x Far_LoA	-9,139	-0,086	0,289
CHR15	7864558	CHR15:7864558	SSF x Far_LoA	-8,075	-0,052	0,287
CHR15	7864569	CHR15:7864569	SSF x Far_LoA	-9,464	-0,070	0,287
CHR15	7864671	CHR15:7864671	SSF x Far_LoA	-11,328	-0,055	0,289
CHR15	7864843	CHR15:7864843	SSF x Far_LoA	-8,873	0,065	0,298
CHR15	7902151	CHR15:7902151	SSF x Far_LoA	-10,273	0,040	0,290
CHR15	7909468	CHR15:7909468	SSF x Far_LoA	-9,435	-0,054	0,296
CHR15	7909568	CHR15:7909568	SSF x Far_LoA	-6,864	0,002	0,305
CHR15	7909579	CHR15:7909579	SSF x Far_LoA	-9,506	0,033	0,278
CHR15	791368	CHR15:791368	SSF x Far_LoA	-10,396	0,011	0,287
CHR15	791396	CHR15:791396	SSF x Far_LoA	-11,456	-0,037	0,293
CHR15	791436	CHR15:791436	SSF x Far_LoA	-8,852	-0,062	0,303
CHR15	791533	CHR15:791533	SSF x Far_LoA	-8,954	-0,020	0,285
CHR15	7928798	CHR15:7928798	SSF x Far_LoA	-1,177	0,152	0,281
CHR15	7928915	CHR15:7928915	SSF x Far_LoA	-10,507	0,040	0,302
CHR15	7938020	CHR15:7938020	SSF x Far_LoA	-8,897	-0,174	0,288
CHR15	7938247	CHR15:7938247	SSF x Far_LoA	-9,529	0,016	0,294
CHR15	7938292	CHR15:7938292	SSF x Far_LoA	-11,056	0,027	0,285
CHR15	7938334	CHR15:7938334	SSF x Far_LoA	-9,901	-0,061	0,286
CHR15	7938403	CHR15:7938403	SSF x Far_LoA	-11,190	-0,014	0,272
CHR15	7944701	CHR15:7944701	SSF x Far_LoA	-9,432	-0,091	0,284
CHR15	7952415	CHR15:7952415	SSF x Far_LoA	-10,702	0,002	0,294

CHR15	7952550	CHR15:7952550	SSF x Far_LoA	-8,080	-0,046	0,309
CHR15	7952569	CHR15:7952569	SSF x Far_LoA	-8,325	0,080	0,298
CHR15	7952668	CHR15:7952668	SSF x Far_LoA	-7,554	-0,137	0,283
CHR15	7952669	CHR15:7952669	SSF x Far_LoA	-6,760	-0,148	0,284
CHR15	7961138	CHR15:7961138	SSF x Far_LoA	-11,628	0,022	0,284
CHR15	7961179	CHR15:7961179	SSF x Far_LoA	-10,463	0,002	0,299
CHR15	7961192	CHR15:7961192	SSF x Far_LoA	-11,487	-0,035	0,282
CHR15	7961292	CHR15:7961292	SSF x Far_LoA	-11,491	0,081	0,280
CHR15	7961316	CHR15:7961316	SSF x Far_LoA	-9,434	-0,100	0,297
CHR15	7961317	CHR15:7961317	SSF x Far_LoA	-8,908	-0,104	0,295
CHR15	7964368	CHR15:7964368	SSF x Far_LoA	-11,116	0,079	0,292
CHR15	7964386	CHR15:7964386	SSF x Far_LoA	-11,885	-0,009	0,290
CHR15	7964494	CHR15:7964494	SSF x Far_LoA	-6,213	0,138	0,304
CHR15	7964505	CHR15:7964505	SSF x Far_LoA	-9,687	-0,097	0,296
CHR15	7964589	CHR15:7964589	SSF x Far_LoA	-7,067	0,182	0,291
CHR15	7964598	CHR15:7964598	SSF x Far_LoA	-9,847	-0,042	0,286
CHR15	7971532	CHR15:7971532	SSF x Far_LoA	-8,397	-0,177	0,283
CHR15	7973142	CHR15:7973142	SSF x Far_LoA	-8,701	-0,110	0,306
CHR15	7973207	CHR15:7973207	SSF x Far_LoA	-6,143	0,085	0,294
CHR15	7973272	CHR15:7973272	SSF x Far_LoA	-8,800	-0,020	0,296
CHR15	7973281	CHR15:7973281	SSF x Far_LoA	-9,709	0,009	0,287
CHR15	7973312	CHR15:7973312	SSF x Far_LoA	-2,841	0,041	0,286
CHR15	7976543	CHR15:7976543	SSF x Far_LoA	-12,000	0,033	0,290
CHR15	7976704	CHR15:7976704	SSF x Far_LoA	-4,602	-0,060	0,293
CHR15	7976792	CHR15:7976792	SSF x Far_LoA	-10,418	-0,077	0,287
CHR15	7976810	CHR15:7976810	SSF x Far_LoA	-9,655	0,093	0,289
CHR15	8001607	CHR15:8001607	SSF x Far_LoA	-10,511	-0,084	0,299
CHR15	8001640	CHR15:8001640	SSF x Far_LoA	-2,445	-0,082	0,298
CHR15	8011384	CHR15:8011384	SSF x Far_LoA	-9,937	0,094	0,272
CHR15	8019820	CHR15:8019820	SSF x Far_LoA	-5,874	0,218	0,280
CHR15	8020167	CHR15:8020167	SSF x Far_LoA	-9,072	0,018	0,294
CHR15	8026816	CHR15:8026816	SSF x Far_LoA	-7,942	0,058	0,298
CHR15	8026868	CHR15:8026868	SSF x Far_LoA	-3,066	0,105	0,294
CHR15	8026906	CHR15:8026906	SSF x Far_LoA	-10,014	-0,061	0,290
CHR15	8026916	CHR15:8026916	SSF x Far_LoA	-9,671	0,082	0,287
CHR15	8027042	CHR15:8027042	SSF x Far_LoA	-9,261	0,142	0,269
CHR15	8034812	CHR15:8034812	SSF x Far_LoA	-7,053	-0,150	0,284
CHR15	8034867	CHR15:8034867	SSF x Far_LoA	-6,359	0,102	0,278
CHR15	8034887	CHR15:8034887	SSF x Far_LoA	-9,851	0,022	0,303
CHR15	8034918	CHR15:8034918	SSF x Far_LoA	-9,837	0,023	0,298
CHR15	8034950	CHR15:8034950	SSF x Far_LoA	-9,447	0,044	0,288
CHR15	8034952	CHR15:8034952	SSF x Far_LoA	-11,221	0,093	0,280
CHR15	8034992	CHR15:8034992	SSF x Far_LoA	-8,148	0,042	0,295
CHR15	8035158	CHR15:8035158	SSF x Far_LoA	-10,722	0,049	0,288
CHR15	8047762	CHR15:8047762	SSF x Far_LoA	-9,260	-0,010	0,308
CHR15	8047821	CHR15:8047821	SSF x Far_LoA	-8,253	0,000	0,299
CHR15	8090043	CHR15:8090043	SSF x Far_LoA	-7,929	0,021	0,286
CHR15	8090050	CHR15:8090050	SSF x Far_LoA	-10,128	0,006	0,301
CHR15	8090055	CHR15:8090055	SSF x Far_LoA	-10,599	-0,068	0,293
CHR15	8104730	CHR15:8104730	SSF x Far_LoA	-11,396	-0,066	0,286
CHR15	8104959	CHR15:8104959	SSF x Far_LoA	-8,947	-0,002	0,312
CHR15	8106603	CHR15:8106603	SSF x Far_LoA	-7,920	0,034	0,299
CHR15	8121258	CHR15:8121258	SSF x Far_LoA	-10,039	0,094	0,290

CHR15	8121726	CHR15:8121726	SSF x Far_LoA	-4,516	0,044	0,294
CHR15	8124794	CHR15:8124794	SSF x Far_LoA	-7,478	-0,152	0,278
CHR15	8124902	CHR15:8124902	SSF x Far_LoA	-11,282	-0,032	0,291
CHR15	8125032	CHR15:8125032	SSF x Far_LoA	-11,625	0,018	0,288
CHR15	8136773	CHR15:8136773	SSF x Far_LoA	-10,741	-0,047	0,289
CHR15	8136824	CHR15:8136824	SSF x Far_LoA	-11,201	-0,029	0,299
CHR15	8136857	CHR15:8136857	SSF x Far_LoA	-10,055	-0,038	0,294
CHR15	8136931	CHR15:8136931	SSF x Far_LoA	-8,987	0,032	0,282
CHR15	8136932	CHR15:8136932	SSF x Far_LoA	-7,980	0,078	0,284
CHR15	8136954	CHR15:8136954	SSF x Far_LoA	-7,862	0,015	0,284
CHR15	8137076	CHR15:8137076	SSF x Far_LoA	-8,312	-0,066	0,290
CHR15	8144717	CHR15:8144717	SSF x Far_LoA	-9,436	-0,010	0,304
CHR15	8144741	CHR15:8144741	SSF x Far_LoA	-5,431	0,094	0,294
CHR15	8144750	CHR15:8144750	SSF x Far_LoA	-8,402	0,091	0,309
CHR15	8144973	CHR15:8144973	SSF x Far_LoA	-6,953	-0,135	0,285
CHR15	8145021	CHR15:8145021	SSF x Far_LoA	-5,075	0,221	0,271
CHR15	8153973	CHR15:8153973	SSF x Far_LoA	-8,954	-0,033	0,281
CHR15	8166163	CHR15:8166163	SSF x Far_LoA	-9,497	-0,097	0,299
CHR15	8178029	CHR15:8178029	SSF x Far_LoA	-8,618	0,030	0,304
CHR15	8178032	CHR15:8178032	SSF x Far_LoA	-8,271	0,030	0,293
CHR15	8178036	CHR15:8178036	SSF x Far_LoA	-8,551	0,021	0,301
CHR15	8178050	CHR15:8178050	SSF x Far_LoA	-8,962	0,020	0,310
CHR15	8178055	CHR15:8178055	SSF x Far_LoA	-10,307	-0,019	0,295
CHR15	8178062	CHR15:8178062	SSF x Far_LoA	-8,010	0,004	0,306
CHR15	8178095	CHR15:8178095	SSF x Far_LoA	-8,821	0,005	0,294
CHR15	8178135	CHR15:8178135	SSF x Far_LoA	-9,710	0,002	0,290
CHR15	8179068	CHR15:8179068	SSF x Far_LoA	-9,314	0,125	0,287
CHR15	8179072	CHR15:8179072	SSF x Far_LoA	-7,672	-0,039	0,300
CHR15	8179074	CHR15:8179074	SSF x Far_LoA	-8,748	0,005	0,315
CHR15	8179103	CHR15:8179103	SSF x Far_LoA	-7,777	-0,150	0,291
CHR15	8179118	CHR15:8179118	SSF x Far_LoA	-8,621	-0,149	0,294
CHR15	8179153	CHR15:8179153	SSF x Far_LoA	-11,405	0,057	0,289
CHR15	8179169	CHR15:8179169	SSF x Far_LoA	-11,564	0,041	0,290
CHR15	8179204	CHR15:8179204	SSF x Far_LoA	-9,849	-0,010	0,291
CHR15	819786	CHR15:819786	SSF x Far_LoA	-10,381	0,078	0,299
CHR15	8217280	CHR15:8217280	SSF x Far_LoA	-8,734	0,124	0,295
CHR15	8227568	CHR15:8227568	SSF x Far_LoA	-10,269	-0,031	0,294
CHR15	8227613	CHR15:8227613	SSF x Far_LoA	-6,779	0,175	0,285
CHR15	8232926	CHR15:8232926	SSF x Far_LoA	-9,977	-0,009	0,287
CHR15	8232969	CHR15:8232969	SSF x Far_LoA	-11,190	-0,017	0,282
CHR15	8233058	CHR15:8233058	SSF x Far_LoA	-11,601	-0,045	0,289
CHR15	8239263	CHR15:8239263	SSF x Far_LoA	-6,145	0,200	0,278
CHR15	8240876	CHR15:8240876	SSF x Far_LoA	-10,340	-0,098	0,286
CHR15	8240887	CHR15:8240887	SSF x Far_LoA	-8,145	-0,004	0,290
CHR15	8240896	CHR15:8240896	SSF x Far_LoA	-7,413	0,004	0,304
CHR15	8242913	CHR15:8242913	SSF x Far_LoA	-7,919	0,123	0,295
CHR15	8243012	CHR15:8243012	SSF x Far_LoA	-8,322	-0,004	0,291
CHR15	8243017	CHR15:8243017	SSF x Far_LoA	-9,065	-0,014	0,309
CHR15	8243396	CHR15:8243396	SSF x Far_LoA	-4,653	0,122	0,298
CHR15	824409	CHR15:824409	SSF x Far_LoA	-5,777	-0,031	0,290
CHR15	8246066	CHR15:8246066	SSF x Far_LoA	-11,053	-0,063	0,287
CHR15	8246320	CHR15:8246320	SSF x Far_LoA	1,145	-0,159	0,275
CHR15	8246323	CHR15:8246323	SSF x Far_LoA	-10,308	-0,073	0,298

CHR15	8246327	CHR15:8246327	SSF x Far_LoA	-10,538	0,064	0,291
CHR15	8246343	CHR15:8246343	SSF x Far_LoA	-6,013	-0,150	0,292
CHR15	8246348	CHR15:8246348	SSF x Far_LoA	-3,796	-0,185	0,276
CHR15	825833	CHR15:825833	SSF x Far_LoA	-9,513	-0,084	0,289
CHR15	825837	CHR15:825837	SSF x Far_LoA	-9,491	-0,025	0,286
CHR15	8266603	CHR15:8266603	SSF x Far_LoA	-7,564	0,170	0,293
CHR15	8266618	CHR15:8266618	SSF x Far_LoA	-8,227	0,030	0,299
CHR15	8288393	CHR15:8288393	SSF x Far_LoA	-8,616	0,098	0,288
CHR15	8295768	CHR15:8295768	SSF x Far_LoA	-9,474	-0,103	0,282
CHR15	8295775	CHR15:8295775	SSF x Far_LoA	-5,720	-0,086	0,298
CHR15	8295795	CHR15:8295795	SSF x Far_LoA	-8,693	-0,108	0,292
CHR15	8295845	CHR15:8295845	SSF x Far_LoA	-8,077	-0,085	0,294
CHR15	8295870	CHR15:8295870	SSF x Far_LoA	-8,455	-0,041	0,290
CHR15	8295961	CHR15:8295961	SSF x Far_LoA	-6,327	-0,120	0,288
CHR15	8303088	CHR15:8303088	SSF x Far_LoA	-9,310	-0,071	0,288
CHR15	8303165	CHR15:8303165	SSF x Far_LoA	-6,681	-0,068	0,288
CHR15	8303235	CHR15:8303235	SSF x Far_LoA	-11,037	-0,024	0,280
CHR15	8303340	CHR15:8303340	SSF x Far_LoA	-9,734	0,051	0,290
CHR15	8304897	CHR15:8304897	SSF x Far_LoA	-8,087	-0,050	0,291
CHR15	8309941	CHR15:8309941	SSF x Far_LoA	-4,088	-0,160	0,287
CHR15	8309962	CHR15:8309962	SSF x Far_LoA	-4,891	-0,171	0,280
CHR15	8309985	CHR15:8309985	SSF x Far_LoA	-4,024	-0,162	0,284
CHR15	8309993	CHR15:8309993	SSF x Far_LoA	-7,186	-0,147	0,286
CHR15	8310011	CHR15:8310011	SSF x Far_LoA	-2,065	-0,133	0,295
CHR15	8310093	CHR15:8310093	SSF x Far_LoA	-2,328	-0,150	0,287
CHR15	8310111	CHR15:8310111	SSF x Far_LoA	-9,440	-0,092	0,279
CHR15	8310125	CHR15:8310125	SSF x Far_LoA	-7,162	-0,137	0,289
CHR15	8310132	CHR15:8310132	SSF x Far_LoA	-6,647	-0,120	0,285
CHR15	8310139	CHR15:8310139	SSF x Far_LoA	-7,629	-0,122	0,282
CHR15	8310189	CHR15:8310189	SSF x Far_LoA	-7,204	-0,148	0,280
CHR15	8310193	CHR15:8310193	SSF x Far_LoA	-7,729	-0,120	0,285
CHR15	8310216	CHR15:8310216	SSF x Far_LoA	-8,624	-0,074	0,287
CHR15	8310265	CHR15:8310265	SSF x Far_LoA	-7,125	-0,110	0,276
CHR15	8331349	CHR15:8331349	SSF x Far_LoA	-9,029	-0,046	0,296
CHR15	833669	CHR15:833669	SSF x Far_LoA	-8,915	-0,026	0,305
CHR15	833952	CHR15:833952	SSF x Far_LoA	-9,930	0,044	0,299
CHR15	8352821	CHR15:8352821	SSF x Far_LoA	-9,337	0,006	0,286
CHR15	8352961	CHR15:8352961	SSF x Far_LoA	-11,104	-0,037	0,299
CHR15	8352995	CHR15:8352995	SSF x Far_LoA	-11,638	-0,013	0,289
CHR15	8353014	CHR15:8353014	SSF x Far_LoA	-6,865	-0,104	0,292
CHR15	8353046	CHR15:8353046	SSF x Far_LoA	-8,120	-0,124	0,275
CHR15	8353105	CHR15:8353105	SSF x Far_LoA	-8,677	-0,111	0,290
CHR15	8353108	CHR15:8353108	SSF x Far_LoA	-11,845	0,001	0,291
CHR15	8357469	CHR15:8357469	SSF x Far_LoA	-9,178	-0,151	0,278
CHR15	8357488	CHR15:8357488	SSF x Far_LoA	-5,101	-0,150	0,279
CHR15	8357490	CHR15:8357490	SSF x Far_LoA	-4,179	-0,140	0,291
CHR15	8357491	CHR15:8357491	SSF x Far_LoA	-10,325	0,032	0,279
CHR15	8357578	CHR15:8357578	SSF x Far_LoA	-9,783	-0,106	0,290
CHR15	8357685	CHR15:8357685	SSF x Far_LoA	-10,025	0,044	0,287
CHR15	8357709	CHR15:8357709	SSF x Far_LoA	-10,420	0,020	0,286
CHR15	8357711	CHR15:8357711	SSF x Far_LoA	-9,306	-0,001	0,268
CHR15	8357746	CHR15:8357746	SSF x Far_LoA	-10,078	0,035	0,276
CHR15	8357781	CHR15:8357781	SSF x Far_LoA	-8,554	0,064	0,291

CHR15	8357784	CHR15:8357784	SSF x Far_LoA	-7,439	-0,017	0,302
CHR15	8363602	CHR15:8363602	SSF x Far_LoA	-8,495	-0,117	0,277
CHR15	8363626	CHR15:8363626	SSF x Far_LoA	-6,257	-0,142	0,286
CHR15	8363677	CHR15:8363677	SSF x Far_LoA	-9,095	-0,185	0,283
CHR15	8363717	CHR15:8363717	SSF x Far_LoA	-4,611	-0,103	0,300
CHR15	8363754	CHR15:8363754	SSF x Far_LoA	-6,784	-0,105	0,298
CHR15	8369302	CHR15:8369302	SSF x Far_LoA	-8,518	-0,055	0,296
CHR15	8369368	CHR15:8369368	SSF x Far_LoA	-6,629	-0,025	0,313
CHR15	8369482	CHR15:8369482	SSF x Far_LoA	-9,118	0,034	0,301
CHR15	8376414	CHR15:8376414	SSF x Far_LoA	-8,900	-0,095	0,298
CHR15	8377847	CHR15:8377847	SSF x Far_LoA	-10,134	-0,052	0,275
CHR15	8377860	CHR15:8377860	SSF x Far_LoA	-5,930	-0,214	0,280
CHR15	8377949	CHR15:8377949	SSF x Far_LoA	-7,319	-0,139	0,296
CHR15	8379616	CHR15:8379616	SSF x Far_LoA	-9,466	-0,081	0,301
CHR15	8387709	CHR15:8387709	SSF x Far_LoA	-9,145	0,131	0,279
CHR15	8387754	CHR15:8387754	SSF x Far_LoA	-10,610	0,114	0,274
CHR15	8387848	CHR15:8387848	SSF x Far_LoA	-10,950	-0,095	0,276
CHR15	8387964	CHR15:8387964	SSF x Far_LoA	-8,172	-0,092	0,297
CHR15	8387985	CHR15:8387985	SSF x Far_LoA	-9,174	0,118	0,297
CHR15	8394554	CHR15:8394554	SSF x Far_LoA	-9,976	0,018	0,281
CHR15	8394569	CHR15:8394569	SSF x Far_LoA	-4,620	-0,065	0,308
CHR15	8394570	CHR15:8394570	SSF x Far_LoA	-7,377	-0,079	0,292
CHR15	8415718	CHR15:8415718	SSF x Far_LoA	-9,770	0,011	0,286
CHR15	8415905	CHR15:8415905	SSF x Far_LoA	-10,839	-0,027	0,288
CHR15	8415964	CHR15:8415964	SSF x Far_LoA	-11,173	-0,080	0,307
CHR15	8416016	CHR15:8416016	SSF x Far_LoA	-9,036	0,055	0,306
CHR15	8427021	CHR15:8427021	SSF x Far_LoA	8,654	-0,139	0,288
CHR15	8427131	CHR15:8427131	SSF x Far_LoA	-6,976	-0,157	0,273
CHR15	8427237	CHR15:8427237	SSF x Far_LoA	-8,731	0,013	0,287
CHR15	8429517	CHR15:8429517	SSF x Far_LoA	-10,496	-0,019	0,286
CHR15	8429542	CHR15:8429542	SSF x Far_LoA	-8,920	-0,138	0,293
CHR15	8429608	CHR15:8429608	SSF x Far_LoA	-6,342	0,117	0,284
CHR15	8429619	CHR15:8429619	SSF x Far_LoA	-9,590	0,097	0,285
CHR15	8441515	CHR15:8441515	SSF x Far_LoA	-6,269	0,145	0,281
CHR15	8459680	CHR15:8459680	SSF x Far_LoA	-10,426	-0,007	0,288
CHR15	8459904	CHR15:8459904	SSF x Far_LoA	-7,267	-0,186	0,279
CHR15	8466537	CHR15:8466537	SSF x Far_LoA	-10,176	0,085	0,280
CHR15	8476557	CHR15:8476557	SSF x Far_LoA	-10,419	0,004	0,291
CHR15	8476686	CHR15:8476686	SSF x Far_LoA	-10,383	0,038	0,292
CHR15	847801	CHR15:847801	SSF x Far_LoA	-9,013	0,133	0,287
CHR15	848002	CHR15:848002	SSF x Far_LoA	-9,521	0,075	0,269
CHR15	848070	CHR15:848070	SSF x Far_LoA	-6,220	0,043	0,296
CHR15	8491300	CHR15:8491300	SSF x Far_LoA	-4,599	0,121	0,291
CHR15	8506038	CHR15:8506038	SSF x Far_LoA	-9,993	-0,007	0,292
CHR15	8506069	CHR15:8506069	SSF x Far_LoA	-10,503	-0,008	0,287
CHR15	8507934	CHR15:8507934	SSF x Far_LoA	-11,134	-0,017	0,275
CHR15	8514153	CHR15:8514153	SSF x Far_LoA	-8,243	0,108	0,271
CHR15	8526295	CHR15:8526295	SSF x Far_LoA	-10,757	-0,001	0,297
CHR15	853300	CHR15:853300	SSF x Far_LoA	-8,521	-0,141	0,270
CHR15	855031	CHR15:855031	SSF x Far_LoA	-11,679	-0,066	0,284
CHR15	8572025	CHR15:8572025	SSF x Far_LoA	-6,402	0,118	0,285
CHR15	8611372	CHR15:8611372	SSF x Far_LoA	-3,986	0,094	0,286
CHR15	8612680	CHR15:8612680	SSF x Far_LoA	-6,911	-0,080	0,277

CHR15	8634333	CHR15:8634333	SSF x Far_LoA	-10,225	-0,045	0,303
CHR15	8634485	CHR15:8634485	SSF x Far_LoA	-11,611	0,081	0,282
CHR15	8634579	CHR15:8634579	SSF x Far_LoA	-12,285	-0,002	0,301
CHR15	8645700	CHR15:8645700	SSF x Far_LoA	-10,795	0,038	0,302
CHR15	8705752	CHR15:8705752	SSF x Far_LoA	-3,662	-0,045	0,307
CHR15	8706072	CHR15:8706072	SSF x Far_LoA	-8,700	-0,074	0,281
CHR15	8708146	CHR15:8708146	SSF x Far_LoA	-6,310	-0,052	0,283
CHR15	8708227	CHR15:8708227	SSF x Far_LoA	-8,415	-0,167	0,268
CHR15	8709875	CHR15:8709875	SSF x Far_LoA	-8,197	0,033	0,301
CHR15	8710003	CHR15:8710003	SSF x Far_LoA	-8,120	-0,044	0,304
CHR15	8710013	CHR15:8710013	SSF x Far_LoA	-7,380	0,096	0,292
CHR15	8714573	CHR15:8714573	SSF x Far_LoA	-4,200	-0,126	0,289
CHR15	8716806	CHR15:8716806	SSF x Far_LoA	-5,730	-0,070	0,292
CHR15	8717029	CHR15:8717029	SSF x Far_LoA	-8,298	-0,029	0,307
CHR15	8724251	CHR15:8724251	SSF x Far_LoA	-7,935	0,104	0,305
CHR15	8724318	CHR15:8724318	SSF x Far_LoA	-7,221	0,024	0,309
CHR15	8724336	CHR15:8724336	SSF x Far_LoA	-9,172	-0,005	0,305
CHR15	8724401	CHR15:8724401	SSF x Far_LoA	-6,499	-0,146	0,290
CHR15	8743425	CHR15:8743425	SSF x Far_LoA	-6,800	-0,062	0,298
CHR15	8743665	CHR15:8743665	SSF x Far_LoA	-8,317	-0,091	0,280
CHR15	8754967	CHR15:8754967	SSF x Far_LoA	-10,520	-0,050	0,295
CHR15	8757215	CHR15:8757215	SSF x Far_LoA	-9,415	0,161	0,277
CHR15	8757323	CHR15:8757323	SSF x Far_LoA	-6,203	-0,190	0,273
CHR15	8764711	CHR15:8764711	SSF x Far_LoA	-8,688	0,034	0,276
CHR15	8764799	CHR15:8764799	SSF x Far_LoA	-8,318	-0,030	0,288
CHR15	8764899	CHR15:8764899	SSF x Far_LoA	-9,928	-0,008	0,299
CHR15	8765007	CHR15:8765007	SSF x Far_LoA	-8,382	0,080	0,290
CHR15	8766895	CHR15:8766895	SSF x Far_LoA	-12,740	-0,040	0,284
CHR15	8767113	CHR15:8767113	SSF x Far_LoA	-10,183	-0,020	0,284
CHR15	8777563	CHR15:8777563	SSF x Far_LoA	-10,639	0,006	0,288
CHR15	8777797	CHR15:8777797	SSF x Far_LoA	-9,512	-0,033	0,286
CHR15	8777814	CHR15:8777814	SSF x Far_LoA	-9,867	-0,043	0,288
CHR15	8777878	CHR15:8777878	SSF x Far_LoA	-9,569	0,016	0,292
CHR15	8777940	CHR15:8777940	SSF x Far_LoA	-7,944	0,019	0,303
CHR15	8777943	CHR15:8777943	SSF x Far_LoA	-8,530	0,001	0,269
CHR15	8793744	CHR15:8793744	SSF x Far_LoA	-6,549	-0,097	0,298
CHR15	8793949	CHR15:8793949	SSF x Far_LoA	-5,445	0,182	0,278
CHR15	8793967	CHR15:8793967	SSF x Far_LoA	-10,842	0,098	0,292
CHR15	8793982	CHR15:8793982	SSF x Far_LoA	-7,369	-0,157	0,302
CHR15	8794008	CHR15:8794008	SSF x Far_LoA	-9,274	-0,058	0,275
CHR15	8804606	CHR15:8804606	SSF x Far_LoA	-9,716	0,080	0,298
CHR15	8804653	CHR15:8804653	SSF x Far_LoA	-10,903	0,058	0,299
CHR15	8804788	CHR15:8804788	SSF x Far_LoA	-1,671	0,226	0,274
CHR15	8828159	CHR15:8828159	SSF x Far_LoA	-10,167	-0,019	0,287
CHR15	8828195	CHR15:8828195	SSF x Far_LoA	-11,405	-0,082	0,293
CHR15	8828275	CHR15:8828275	SSF x Far_LoA	-10,227	-0,023	0,296
CHR15	8832055	CHR15:8832055	SSF x Far_LoA	-6,352	0,066	0,301
CHR15	8834715	CHR15:8834715	SSF x Far_LoA	-10,642	-0,024	0,293
CHR15	8834738	CHR15:8834738	SSF x Far_LoA	-8,061	0,025	0,293
CHR15	8834779	CHR15:8834779	SSF x Far_LoA	-11,100	-0,019	0,293
CHR15	8835720	CHR15:8835720	SSF x Far_LoA	-9,472	0,079	0,287
CHR15	8835813	CHR15:8835813	SSF x Far_LoA	-11,181	0,067	0,295
CHR15	8835815	CHR15:8835815	SSF x Far_LoA	-10,431	0,030	0,302

CHR15	883624	CHR15:883624	SSF x Far_LoA	-10,833	-0,036	0,291
CHR15	883633	CHR15:883633	SSF x Far_LoA	-9,911	-0,025	0,289
CHR15	8847824	CHR15:8847824	SSF x Far_LoA	-8,644	-0,082	0,293
CHR15	8847825	CHR15:8847825	SSF x Far_LoA	-9,050	0,083	0,291
CHR15	8847870	CHR15:8847870	SSF x Far_LoA	-8,585	0,000	0,289
CHR15	8847917	CHR15:8847917	SSF x Far_LoA	-7,812	-0,007	0,290
CHR15	8847960	CHR15:8847960	SSF x Far_LoA	-9,642	-0,079	0,298
CHR15	8847969	CHR15:8847969	SSF x Far_LoA	-7,953	-0,079	0,293
CHR15	8848009	CHR15:8848009	SSF x Far_LoA	-10,119	-0,066	0,282
CHR15	8848014	CHR15:8848014	SSF x Far_LoA	-10,768	-0,076	0,291
CHR15	8848053	CHR15:8848053	SSF x Far_LoA	-8,422	-0,018	0,303
CHR15	8848055	CHR15:8848055	SSF x Far_LoA	-8,614	0,005	0,295
CHR15	8848057	CHR15:8848057	SSF x Far_LoA	-10,092	0,000	0,296
CHR15	8848065	CHR15:8848065	SSF x Far_LoA	-10,261	0,032	0,301
CHR15	8856592	CHR15:8856592	SSF x Far_LoA	1,961	-0,051	0,274
CHR15	8856605	CHR15:8856605	SSF x Far_LoA	-6,929	-0,031	0,294
CHR15	8856654	CHR15:8856654	SSF x Far_LoA	-5,201	0,153	0,296
CHR15	8860346	CHR15:8860346	SSF x Far_LoA	-8,202	0,120	0,287
CHR15	8860434	CHR15:8860434	SSF x Far_LoA	-8,841	0,019	0,293
CHR15	886539	CHR15:886539	SSF x Far_LoA	-10,898	-0,123	0,287
CHR15	8866792	CHR15:8866792	SSF x Far_LoA	-10,520	-0,079	0,305
CHR15	8866800	CHR15:8866800	SSF x Far_LoA	-8,935	-0,062	0,309
CHR15	8867137	CHR15:8867137	SSF x Far_LoA	-9,965	0,009	0,299
CHR15	8867209	CHR15:8867209	SSF x Far_LoA	-10,699	0,062	0,292
CHR15	8880533	CHR15:8880533	SSF x Far_LoA	-9,159	0,117	0,283
CHR15	8880551	CHR15:8880551	SSF x Far_LoA	-9,307	0,107	0,290
CHR15	8915689	CHR15:8915689	SSF x Far_LoA	-9,002	-0,040	0,289
CHR15	8915893	CHR15:8915893	SSF x Far_LoA	-6,920	-0,054	0,292
CHR15	8916694	CHR15:8916694	SSF x Far_LoA	-3,606	0,021	0,271
CHR15	8916754	CHR15:8916754	SSF x Far_LoA	-10,043	-0,034	0,278
CHR15	8919866	CHR15:8919866	SSF x Far_LoA	-10,602	-0,060	0,293
CHR15	8929896	CHR15:8929896	SSF x Far_LoA	-8,708	-0,051	0,288
CHR15	8936544	CHR15:8936544	SSF x Far_LoA	-6,613	0,003	0,288
CHR15	8936602	CHR15:8936602	SSF x Far_LoA	-7,660	0,100	0,288
CHR15	8936637	CHR15:8936637	SSF x Far_LoA	-9,171	-0,042	0,287
CHR15	8936688	CHR15:8936688	SSF x Far_LoA	-10,242	-0,078	0,270
CHR15	8940700	CHR15:8940700	SSF x Far_LoA	-3,634	0,112	0,285
CHR15	8940742	CHR15:8940742	SSF x Far_LoA	-1,082	-0,162	0,279
CHR15	8940852	CHR15:8940852	SSF x Far_LoA	-7,535	-0,064	0,276
CHR15	8952100	CHR15:8952100	SSF x Far_LoA	-11,350	0,088	0,284
CHR15	8952180	CHR15:8952180	SSF x Far_LoA	-9,272	-0,133	0,285
CHR15	8952387	CHR15:8952387	SSF x Far_LoA	-11,140	0,037	0,307
CHR15	8956343	CHR15:8956343	SSF x Far_LoA	-5,977	-0,031	0,303
CHR15	8956404	CHR15:8956404	SSF x Far_LoA	-10,000	-0,099	0,293
CHR15	8959878	CHR15:8959878	SSF x Far_LoA	-9,918	0,001	0,282
CHR15	8959885	CHR15:8959885	SSF x Far_LoA	-1,314	0,170	0,285
CHR15	8959890	CHR15:8959890	SSF x Far_LoA	-9,941	-0,097	0,270
CHR15	8991248	CHR15:8991248	SSF x Far_LoA	-7,469	0,131	0,291
CHR15	8992514	CHR15:8992514	SSF x Far_LoA	-11,814	0,005	0,280
CHR15	8992696	CHR15:8992696	SSF x Far_LoA	-11,512	-0,033	0,283
CHR15	9001984	CHR15:9001984	SSF x Far_LoA	-8,250	0,047	0,290
CHR15	9009110	CHR15:9009110	SSF x Far_LoA	-11,640	-0,051	0,292
CHR15	9013120	CHR15:9013120	SSF x Far_LoA	-9,743	-0,044	0,300

CHR15	9013136	CHR15:9013136	SSF x Far_LoA	-8,781	0,116	0,279
CHR15	9013268	CHR15:9013268	SSF x Far_LoA	-9,660	0,080	0,287
CHR15	9013292	CHR15:9013292	SSF x Far_LoA	-12,037	-0,024	0,268
CHR15	9022433	CHR15:9022433	SSF x Far_LoA	-8,046	-0,010	0,301
CHR15	9022464	CHR15:9022464	SSF x Far_LoA	-8,328	0,016	0,308
CHR15	9027898	CHR15:9027898	SSF x Far_LoA	-8,494	0,004	0,288
CHR15	9043993	CHR15:9043993	SSF x Far_LoA	-9,083	0,061	0,292
CHR15	9044039	CHR15:9044039	SSF x Far_LoA	-6,645	0,093	0,297
CHR15	9044069	CHR15:9044069	SSF x Far_LoA	-10,191	0,104	0,284
CHR15	9044154	CHR15:9044154	SSF x Far_LoA	-8,878	0,095	0,278
CHR15	9055446	CHR15:9055446	SSF x Far_LoA	-9,899	-0,096	0,292
CHR15	9065192	CHR15:9065192	SSF x Far_LoA	-11,274	0,012	0,293
CHR15	9065251	CHR15:9065251	SSF x Far_LoA	-10,602	-0,061	0,288
CHR15	9065306	CHR15:9065306	SSF x Far_LoA	-10,263	-0,037	0,283
CHR15	9065316	CHR15:9065316	SSF x Far_LoA	-7,260	-0,143	0,282
CHR15	9065321	CHR15:9065321	SSF x Far_LoA	-11,900	-0,010	0,286
CHR15	9065344	CHR15:9065344	SSF x Far_LoA	-10,219	0,073	0,281
CHR15	9065415	CHR15:9065415	SSF x Far_LoA	-10,241	-0,032	0,288
CHR15	9065477	CHR15:9065477	SSF x Far_LoA	-8,588	0,208	0,269
CHR15	9065515	CHR15:9065515	SSF x Far_LoA	-10,140	0,008	0,291
CHR15	9065540	CHR15:9065540	SSF x Far_LoA	-9,126	0,061	0,291
CHR15	9071811	CHR15:9071811	SSF x Far_LoA	-9,240	-0,034	0,299
CHR15	9071907	CHR15:9071907	SSF x Far_LoA	-9,867	0,101	0,286
CHR15	9071914	CHR15:9071914	SSF x Far_LoA	-10,070	-0,018	0,290
CHR15	9071947	CHR15:9071947	SSF x Far_LoA	-3,672	-0,063	0,299
CHR15	9071967	CHR15:9071967	SSF x Far_LoA	-9,287	0,073	0,282
CHR15	9071975	CHR15:9071975	SSF x Far_LoA	-8,080	0,072	0,297
CHR15	9071977	CHR15:9071977	SSF x Far_LoA	-9,096	0,003	0,305
CHR15	9071982	CHR15:9071982	SSF x Far_LoA	-7,082	-0,060	0,288
CHR15	9071988	CHR15:9071988	SSF x Far_LoA	-7,968	0,022	0,302
CHR15	9073671	CHR15:9073671	SSF x Far_LoA	-8,818	0,088	0,290
CHR15	9074181	CHR15:9074181	SSF x Far_LoA	-9,819	-0,025	0,282
CHR15	9074222	CHR15:9074222	SSF x Far_LoA	-10,439	0,061	0,289
CHR15	9116485	CHR15:9116485	SSF x Far_LoA	-8,463	-0,041	0,298
CHR15	9123542	CHR15:9123542	SSF x Far_LoA	-8,358	-0,043	0,292
CHR15	9123611	CHR15:9123611	SSF x Far_LoA	-9,077	0,092	0,279
CHR15	913132	CHR15:913132	SSF x Far_LoA	-8,435	0,002	0,290
CHR15	919665	CHR15:919665	SSF x Far_LoA	-9,706	-0,063	0,289
CHR15	9197400	CHR15:9197400	SSF x Far_LoA	-4,530	-0,125	0,284
CHR15	9233550	CHR15:9233550	SSF x Far_LoA	-12,336	-0,004	0,278
CHR15	9249568	CHR15:9249568	SSF x Far_LoA	-11,909	-0,048	0,290
CHR15	9261057	CHR15:9261057	SSF x Far_LoA	-9,147	-0,051	0,292
CHR15	9261275	CHR15:9261275	SSF x Far_LoA	-7,142	-0,028	0,293
CHR15	927513	CHR15:927513	SSF x Far_LoA	-5,677	0,031	0,294
CHR15	927548	CHR15:927548	SSF x Far_LoA	-9,219	0,099	0,287
CHR15	929087	CHR15:929087	SSF x Far_LoA	-8,829	-0,102	0,292
CHR15	929137	CHR15:929137	SSF x Far_LoA	-9,291	-0,083	0,289
CHR15	9295129	CHR15:9295129	SSF x Far_LoA	-5,857	-0,107	0,299
CHR15	9305718	CHR15:9305718	SSF x Far_LoA	-5,495	0,122	0,270
CHR15	9336748	CHR15:9336748	SSF x Far_LoA	-10,929	-0,019	0,293
CHR15	9336825	CHR15:9336825	SSF x Far_LoA	-6,304	-0,114	0,284
CHR15	9336951	CHR15:9336951	SSF x Far_LoA	-9,818	0,016	0,284
CHR15	9338908	CHR15:9338908	SSF x Far_LoA	-6,310	-0,170	0,304

CHR15	9341608	CHR15:9341608	SSF x Far_LoA	-7,993	-0,032	0,284
CHR15	9341682	CHR15:9341682	SSF x Far_LoA	-8,650	-0,015	0,293
CHR15	9342633	CHR15:9342633	SSF x Far_LoA	-8,319	0,016	0,305
CHR15	9348058	CHR15:9348058	SSF x Far_LoA	-8,170	-0,005	0,296
CHR15	9348112	CHR15:9348112	SSF x Far_LoA	-6,771	-0,121	0,303
CHR15	9348184	CHR15:9348184	SSF x Far_LoA	-9,884	-0,047	0,278
CHR15	9348289	CHR15:9348289	SSF x Far_LoA	-11,582	-0,049	0,279
CHR15	9348406	CHR15:9348406	SSF x Far_LoA	-10,151	-0,021	0,289
CHR15	9381397	CHR15:9381397	SSF x Far_LoA	-7,932	0,113	0,297
CHR15	9383192	CHR15:9383192	SSF x Far_LoA	-8,981	0,009	0,288
CHR15	9383289	CHR15:9383289	SSF x Far_LoA	-5,931	0,048	0,305
CHR15	9383313	CHR15:9383313	SSF x Far_LoA	-7,705	0,069	0,291
CHR15	9385759	CHR15:9385759	SSF x Far_LoA	-8,436	0,035	0,303
CHR15	9387323	CHR15:9387323	SSF x Far_LoA	-11,404	-0,033	0,290
CHR15	9387328	CHR15:9387328	SSF x Far_LoA	-9,488	0,007	0,294
CHR15	9387363	CHR15:9387363	SSF x Far_LoA	-5,883	0,075	0,284
CHR15	9387407	CHR15:9387407	SSF x Far_LoA	-9,099	0,010	0,293
CHR15	9387418	CHR15:9387418	SSF x Far_LoA	-9,343	0,040	0,300
CHR15	9387420	CHR15:9387420	SSF x Far_LoA	-8,661	0,031	0,277
CHR15	9387421	CHR15:9387421	SSF x Far_LoA	-7,859	0,032	0,293
CHR15	9387436	CHR15:9387436	SSF x Far_LoA	-8,550	0,063	0,283
CHR15	9387477	CHR15:9387477	SSF x Far_LoA	-8,827	-0,032	0,302
CHR15	9387539	CHR15:9387539	SSF x Far_LoA	-9,241	0,105	0,272
CHR15	9387542	CHR15:9387542	SSF x Far_LoA	-0,093	-0,181	0,292
CHR15	9391827	CHR15:9391827	SSF x Far_LoA	-7,891	0,020	0,273
CHR15	9391829	CHR15:9391829	SSF x Far_LoA	-11,619	-0,007	0,270
CHR15	9391915	CHR15:9391915	SSF x Far_LoA	-8,379	0,024	0,293
CHR15	9391917	CHR15:9391917	SSF x Far_LoA	-8,407	0,002	0,300
CHR15	9391919	CHR15:9391919	SSF x Far_LoA	-9,845	0,023	0,288
CHR15	9417454	CHR15:9417454	SSF x Far_LoA	-9,924	0,049	0,299
CHR15	9417635	CHR15:9417635	SSF x Far_LoA	-9,336	0,015	0,295
CHR15	9421148	CHR15:9421148	SSF x Far_LoA	-7,723	-0,155	0,284
CHR15	9421228	CHR15:9421228	SSF x Far_LoA	-9,830	-0,024	0,291
CHR15	9421265	CHR15:9421265	SSF x Far_LoA	-7,110	-0,124	0,289
CHR15	9421369	CHR15:9421369	SSF x Far_LoA	-10,478	0,060	0,295
CHR15	9424825	CHR15:9424825	SSF x Far_LoA	-10,038	0,010	0,276
CHR15	9432149	CHR15:9432149	SSF x Far_LoA	-8,155	0,029	0,305
CHR15	9432152	CHR15:9432152	SSF x Far_LoA	-8,249	0,041	0,300
CHR15	9446408	CHR15:9446408	SSF x Far_LoA	-8,368	0,038	0,275
CHR15	9446539	CHR15:9446539	SSF x Far_LoA	-6,292	0,007	0,296
CHR15	9448348	CHR15:9448348	SSF x Far_LoA	-7,916	0,038	0,283
CHR15	9448394	CHR15:9448394	SSF x Far_LoA	-8,367	0,014	0,287
CHR15	945150	CHR15:945150	SSF x Far_LoA	-11,174	-0,054	0,278
CHR15	945153	CHR15:945153	SSF x Far_LoA	-7,525	0,139	0,282
CHR15	945213	CHR15:945213	SSF x Far_LoA	-6,673	-0,088	0,293
CHR15	945360	CHR15:945360	SSF x Far_LoA	-8,809	0,049	0,291
CHR15	9459566	CHR15:9459566	SSF x Far_LoA	-11,924	-0,021	0,300
CHR15	9459608	CHR15:9459608	SSF x Far_LoA	-8,667	0,057	0,294
CHR15	9459639	CHR15:9459639	SSF x Far_LoA	-10,316	-0,039	0,264
CHR15	9459656	CHR15:9459656	SSF x Far_LoA	-8,066	0,094	0,276
CHR15	9459693	CHR15:9459693	SSF x Far_LoA	-6,639	0,158	0,276
CHR15	9459750	CHR15:9459750	SSF x Far_LoA	-10,447	0,068	0,290
CHR15	9459769	CHR15:9459769	SSF x Far_LoA	-10,133	0,049	0,295

CHR15	9475108	CHR15:9475108	SSF x Far_LoA	-11,010	0,040	0,282
CHR15	9475122	CHR15:9475122	SSF x Far_LoA	-9,849	0,039	0,288
CHR15	9475211	CHR15:9475211	SSF x Far_LoA	-6,779	-0,061	0,293
CHR15	9475223	CHR15:9475223	SSF x Far_LoA	-7,350	-0,031	0,299
CHR15	9475225	CHR15:9475225	SSF x Far_LoA	-10,968	0,075	0,304
CHR15	9475263	CHR15:9475263	SSF x Far_LoA	-7,821	0,039	0,289
CHR15	9475298	CHR15:9475298	SSF x Far_LoA	-9,685	0,035	0,287
CHR15	9475480	CHR15:9475480	SSF x Far_LoA	-9,850	0,015	0,295
CHR15	9475492	CHR15:9475492	SSF x Far_LoA	-7,282	0,071	0,287
CHR15	9482524	CHR15:9482524	SSF x Far_LoA	-8,861	0,126	0,298
CHR15	9482528	CHR15:9482528	SSF x Far_LoA	-6,137	0,161	0,290
CHR15	9482618	CHR15:9482618	SSF x Far_LoA	-11,572	-0,007	0,289
CHR15	9490805	CHR15:9490805	SSF x Far_LoA	-9,771	-0,122	0,278
CHR15	9491120	CHR15:9491120	SSF x Far_LoA	-10,260	-0,015	0,282
CHR15	9492971	CHR15:9492971	SSF x Far_LoA	-9,049	-0,049	0,286
CHR15	9493010	CHR15:9493010	SSF x Far_LoA	-6,621	-0,006	0,292
CHR15	9493039	CHR15:9493039	SSF x Far_LoA	-10,696	-0,013	0,277
CHR15	9495671	CHR15:9495671	SSF x Far_LoA	-8,507	-0,097	0,278
CHR15	9495684	CHR15:9495684	SSF x Far_LoA	-5,482	-0,148	0,287
CHR15	9495790	CHR15:9495790	SSF x Far_LoA	-6,129	0,093	0,293
CHR15	9514517	CHR15:9514517	SSF x Far_LoA	-10,864	-0,043	0,289
CHR15	9514540	CHR15:9514540	SSF x Far_LoA	-8,337	-0,019	0,309
CHR15	9514567	CHR15:9514567	SSF x Far_LoA	-5,484	0,218	0,299
CHR15	9514573	CHR15:9514573	SSF x Far_LoA	-6,511	0,205	0,283
CHR15	9514575	CHR15:9514575	SSF x Far_LoA	-7,868	0,045	0,300
CHR15	9514581	CHR15:9514581	SSF x Far_LoA	-7,544	0,034	0,296
CHR15	9516162	CHR15:9516162	SSF x Far_LoA	-7,923	0,052	0,284
CHR15	9517950	CHR15:9517950	SSF x Far_LoA	-5,911	-0,158	0,268
CHR15	9523641	CHR15:9523641	SSF x Far_LoA	-10,078	0,172	0,272
CHR15	9523808	CHR15:9523808	SSF x Far_LoA	-10,728	-0,014	0,291
CHR15	9523826	CHR15:9523826	SSF x Far_LoA	-6,862	-0,150	0,297
CHR15	9523827	CHR15:9523827	SSF x Far_LoA	-7,714	-0,144	0,292
CHR15	9523867	CHR15:9523867	SSF x Far_LoA	-9,442	-0,149	0,287
CHR15	9524087	CHR15:9524087	SSF x Far_LoA	-11,048	0,009	0,290
CHR15	952589	CHR15:952589	SSF x Far_LoA	-10,954	-0,003	0,282
CHR15	952865	CHR15:952865	SSF x Far_LoA	-9,121	0,011	0,292
CHR15	9530309	CHR15:9530309	SSF x Far_LoA	-11,579	-0,014	0,281
CHR15	9530413	CHR15:9530413	SSF x Far_LoA	-10,426	0,014	0,283
CHR15	9540818	CHR15:9540818	SSF x Far_LoA	-8,815	-0,013	0,308
CHR15	9564750	CHR15:9564750	SSF x Far_LoA	-10,555	-0,072	0,295
CHR15	9564789	CHR15:9564789	SSF x Far_LoA	-10,062	-0,076	0,302
CHR15	9564849	CHR15:9564849	SSF x Far_LoA	-8,788	-0,106	0,284
CHR15	9564873	CHR15:9564873	SSF x Far_LoA	-8,564	-0,131	0,290
CHR15	9565123	CHR15:9565123	SSF x Far_LoA	-12,516	0,092	0,285
CHR15	9578472	CHR15:9578472	SSF x Far_LoA	-11,430	-0,043	0,288
CHR15	9578526	CHR15:9578526	SSF x Far_LoA	-11,514	-0,061	0,285
CHR15	9578595	CHR15:9578595	SSF x Far_LoA	-8,438	-0,024	0,291
CHR15	9578604	CHR15:9578604	SSF x Far_LoA	-9,578	0,051	0,293
CHR15	9578607	CHR15:9578607	SSF x Far_LoA	-6,011	0,033	0,290
CHR15	9578667	CHR15:9578667	SSF x Far_LoA	-11,272	0,073	0,282
CHR15	9578758	CHR15:9578758	SSF x Far_LoA	-6,914	0,116	0,272
CHR15	9586502	CHR15:9586502	SSF x Far_LoA	-9,321	0,065	0,302
CHR15	9596031	CHR15:9596031	SSF x Far_LoA	-8,214	0,079	0,290

CHR15	9596111	CHR15:9596111	SSF x Far_LoA	-9,447	-0,077	0,289
CHR15	9596112	CHR15:9596112	SSF x Far_LoA	-9,188	-0,031	0,295
CHR15	9596146	CHR15:9596146	SSF x Far_LoA	-9,964	-0,087	0,276
CHR15	9596151	CHR15:9596151	SSF x Far_LoA	-9,035	-0,020	0,294
CHR15	9599463	CHR15:9599463	SSF x Far_LoA	-10,871	0,055	0,297
CHR15	9600424	CHR15:9600424	SSF x Far_LoA	-8,768	0,006	0,295
CHR15	9600474	CHR15:9600474	SSF x Far_LoA	-9,084	0,065	0,301
CHR15	9600588	CHR15:9600588	SSF x Far_LoA	-10,383	0,041	0,294
CHR15	9607313	CHR15:9607313	SSF x Far_LoA	-8,973	-0,033	0,293
CHR15	9607380	CHR15:9607380	SSF x Far_LoA	-9,863	0,143	0,285
CHR15	9607466	CHR15:9607466	SSF x Far_LoA	-11,169	-0,059	0,296
CHR15	9607516	CHR15:9607516	SSF x Far_LoA	-8,634	-0,078	0,300
CHR15	9607548	CHR15:9607548	SSF x Far_LoA	-9,194	0,017	0,294
CHR15	9607600	CHR15:9607600	SSF x Far_LoA	-5,724	0,072	0,298
CHR15	9611260	CHR15:9611260	SSF x Far_LoA	-6,796	-0,105	0,281
CHR15	9629135	CHR15:9629135	SSF x Far_LoA	-5,662	-0,108	0,298
CHR15	9629184	CHR15:9629184	SSF x Far_LoA	-10,603	0,073	0,290
CHR15	9629265	CHR15:9629265	SSF x Far_LoA	-7,719	0,181	0,292
CHR15	9629378	CHR15:9629378	SSF x Far_LoA	-11,050	0,041	0,290
CHR15	9630086	CHR15:9630086	SSF x Far_LoA	-7,717	-0,055	0,299
CHR15	9630112	CHR15:9630112	SSF x Far_LoA	-7,088	-0,076	0,291
CHR15	9630123	CHR15:9630123	SSF x Far_LoA	-8,264	-0,075	0,294
CHR15	9630126	CHR15:9630126	SSF x Far_LoA	-6,380	-0,100	0,291
CHR15	9634634	CHR15:9634634	SSF x Far_LoA	-6,861	-0,046	0,295
CHR15	9640112	CHR15:9640112	SSF x Far_LoA	-11,739	0,003	0,292
CHR15	9640149	CHR15:9640149	SSF x Far_LoA	-9,784	-0,099	0,296
CHR15	9640347	CHR15:9640347	SSF x Far_LoA	-5,973	0,014	0,281
CHR15	9648695	CHR15:9648695	SSF x Far_LoA	-9,141	-0,035	0,298
CHR15	9653526	CHR15:9653526	SSF x Far_LoA	-10,381	0,091	0,284
CHR15	9653609	CHR15:9653609	SSF x Far_LoA	-10,102	0,096	0,280
CHR15	9653637	CHR15:9653637	SSF x Far_LoA	-4,502	0,170	0,299
CHR15	9653741	CHR15:9653741	SSF x Far_LoA	-10,696	0,030	0,293
CHR15	9655322	CHR15:9655322	SSF x Far_LoA	-12,091	0,026	0,287
CHR15	9660127	CHR15:9660127	SSF x Far_LoA	-11,271	-0,068	0,295
CHR15	9660152	CHR15:9660152	SSF x Far_LoA	-9,594	-0,093	0,293
CHR15	9660170	CHR15:9660170	SSF x Far_LoA	-7,949	-0,139	0,279
CHR15	9660213	CHR15:9660213	SSF x Far_LoA	-8,180	-0,084	0,294
CHR15	9660316	CHR15:9660316	SSF x Far_LoA	-9,224	0,010	0,285
CHR15	9660397	CHR15:9660397	SSF x Far_LoA	5,148	0,130	0,296
CHR15	9672197	CHR15:9672197	SSF x Far_LoA	-9,299	0,035	0,304
CHR15	9672200	CHR15:9672200	SSF x Far_LoA	-9,930	0,062	0,285
CHR15	9703335	CHR15:9703335	SSF x Far_LoA	-7,547	0,135	0,285
CHR15	9704159	CHR15:9704159	SSF x Far_LoA	4,250	-0,144	0,290
CHR15	9704225	CHR15:9704225	SSF x Far_LoA	-9,099	-0,054	0,292
CHR15	9704266	CHR15:9704266	SSF x Far_LoA	-10,182	0,028	0,297
CHR15	9704300	CHR15:9704300	SSF x Far_LoA	-11,815	-0,023	0,276
CHR15	9704316	CHR15:9704316	SSF x Far_LoA	-8,848	-0,077	0,288
CHR15	9707959	CHR15:9707959	SSF x Far_LoA	-11,301	-0,052	0,304
CHR15	9708009	CHR15:9708009	SSF x Far_LoA	-5,244	-0,157	0,288
CHR15	9729724	CHR15:9729724	SSF x Far_LoA	-11,258	-0,076	0,268
CHR15	9744768	CHR15:9744768	SSF x Far_LoA	-9,367	0,079	0,296
CHR15	9754883	CHR15:9754883	SSF x Far_LoA	-10,731	0,017	0,285
CHR15	9759885	CHR15:9759885	SSF x Far_LoA	-10,175	0,092	0,286

CHR15	9777106	CHR15:9777106	SSF x Far_LoA	-4,563	-0,126	0,285
CHR15	980718	CHR15:980718	SSF x Far_LoA	-7,891	0,006	0,284
CHR15	980849	CHR15:980849	SSF x Far_LoA	-7,402	0,064	0,272
CHR15	980893	CHR15:980893	SSF x Far_LoA	-12,115	-0,024	0,290
CHR15	9819245	CHR15:9819245	SSF x Far_LoA	-3,191	-0,044	0,310
CHR15	9831172	CHR15:9831172	SSF x Far_LoA	-9,623	0,013	0,282
CHR15	9873348	CHR15:9873348	SSF x Far_LoA	-9,554	0,083	0,289
CHR15	9895872	CHR15:9895872	SSF x Far_LoA	-9,199	0,051	0,293
CHR15	9913747	CHR15:9913747	SSF x Far_LoA	-8,352	-0,050	0,302
CHR15	9929811	CHR15:9929811	SSF x Far_LoA	-9,495	-0,125	0,295
CHR15	9931131	CHR15:9931131	SSF x Far_LoA	-8,395	0,080	0,288
CHR15	9931290	CHR15:9931290	SSF x Far_LoA	-8,375	-0,032	0,290
CHR15	9935573	CHR15:9935573	SSF x Far_LoA	-9,758	0,083	0,297
CHR15	9948605	CHR15:9948605	SSF x Far_LoA	-9,973	-0,114	0,287
CHR15	9949565	CHR15:9949565	SSF x Far_LoA	-6,138	0,172	0,290
CHR15	9949919	CHR15:9949919	SSF x Far_LoA	-11,825	-0,014	0,306
CHR15	9951542	CHR15:9951542	SSF x Far_LoA	-9,949	0,103	0,291
CHR15	9953548	CHR15:9953548	SSF x Far_LoA	-9,391	0,082	0,285
CHR15	9955016	CHR15:9955016	SSF x Far_LoA	-8,449	-0,079	0,287
CHR15	9976386	CHR15:9976386	SSF x Far_LoA	-9,773	0,047	0,276
CHR15	9976447	CHR15:9976447	SSF x Far_LoA	-9,963	0,052	0,291
CHR15	9976494	CHR15:9976494	SSF x Far_LoA	-9,656	0,035	0,286
CHR15	9976547	CHR15:9976547	SSF x Far_LoA	-9,678	0,102	0,283
CHR15	9983549	CHR15:9983549	SSF x Far_LoA	-12,111	0,032	0,284
CHR15	9983718	CHR15:9983718	SSF x Far_LoA	-9,088	0,006	0,291
CHR15	9983740	CHR15:9983740	SSF x Far_LoA	-11,172	-0,041	0,276
CHR16	1000114	CHR16:1000114	SSF x Far_LoA	-8,357	0,043	0,303
CHR16	1000129	CHR16:1000129	SSF x Far_LoA	-8,103	0,122	0,283
CHR16	1000142	CHR16:1000142	SSF x Far_LoA	-7,424	0,095	0,287
CHR16	1000175	CHR16:1000175	SSF x Far_LoA	-6,804	0,000	0,312
CHR16	1009503	CHR16:1009503	SSF x Far_LoA	-9,364	0,019	0,315
CHR16	1009504	CHR16:1009504	SSF x Far_LoA	-10,290	0,163	0,283
CHR16	1009531	CHR16:1009531	SSF x Far_LoA	-6,952	0,011	0,301
CHR16	1009538	CHR16:1009538	SSF x Far_LoA	-7,411	-0,067	0,286
CHR16	1013711	CHR16:1013711	SSF x Far_LoA	-6,356	0,121	0,293
CHR16	1013805	CHR16:1013805	SSF x Far_LoA	-8,464	-0,039	0,287
CHR16	1013918	CHR16:1013918	SSF x Far_LoA	-8,943	-0,084	0,288
CHR16	1013981	CHR16:1013981	SSF x Far_LoA	-8,650	-0,057	0,282
CHR16	1013982	CHR16:1013982	SSF x Far_LoA	-7,303	-0,024	0,290
CHR16	1025557	CHR16:1025557	SSF x Far_LoA	-8,572	-0,105	0,295
CHR16	1025759	CHR16:1025759	SSF x Far_LoA	-8,509	-0,088	0,296
CHR16	1038855	CHR16:1038855	SSF x Far_LoA	-10,161	0,015	0,296
CHR16	1038921	CHR16:1038921	SSF x Far_LoA	-3,957	0,113	0,298
CHR16	1041049	CHR16:1041049	SSF x Far_LoA	-5,410	-0,082	0,302
CHR16	1049498	CHR16:1049498	SSF x Far_LoA	-8,075	-0,094	0,297
CHR16	1049523	CHR16:1049523	SSF x Far_LoA	-9,068	0,092	0,289
CHR16	1049559	CHR16:1049559	SSF x Far_LoA	-5,299	-0,040	0,276
CHR16	1049587	CHR16:1049587	SSF x Far_LoA	-9,620	-0,066	0,300
CHR16	1049604	CHR16:1049604	SSF x Far_LoA	-9,330	0,004	0,271
CHR16	1049778	CHR16:1049778	SSF x Far_LoA	-7,218	-0,032	0,299
CHR16	1059456	CHR16:1059456	SSF x Far_LoA	-7,563	0,153	0,290
CHR16	1059655	CHR16:1059655	SSF x Far_LoA	-8,877	-0,079	0,295
CHR16	1059781	CHR16:1059781	SSF x Far_LoA	-5,484	-0,054	0,288

CHR16	1069322	CHR16:1069322	SSF x Far_LoA	-9,993	-0,081	0,285
CHR16	1069467	CHR16:1069467	SSF x Far_LoA	-11,842	0,040	0,278
CHR16	1069564	CHR16:1069564	SSF x Far_LoA	-9,373	-0,012	0,299
CHR16	1080719	CHR16:1080719	SSF x Far_LoA	-7,855	0,080	0,298
CHR16	1080767	CHR16:1080767	SSF x Far_LoA	-10,286	0,132	0,278
CHR16	1080771	CHR16:1080771	SSF x Far_LoA	-7,827	0,023	0,296
CHR16	1080780	CHR16:1080780	SSF x Far_LoA	-8,390	0,000	0,286
CHR16	1089101	CHR16:1089101	SSF x Far_LoA	-7,888	-0,058	0,297
CHR16	1089118	CHR16:1089118	SSF x Far_LoA	-10,090	-0,040	0,305
CHR16	1089148	CHR16:1089148	SSF x Far_LoA	-5,233	0,193	0,274
CHR16	1089150	CHR16:1089150	SSF x Far_LoA	-8,893	-0,147	0,291
CHR16	1089173	CHR16:1089173	SSF x Far_LoA	-0,966	-0,123	0,289
CHR16	1089232	CHR16:1089232	SSF x Far_LoA	-9,665	-0,119	0,283
CHR16	1089240	CHR16:1089240	SSF x Far_LoA	-8,089	-0,135	0,291
CHR16	1089290	CHR16:1089290	SSF x Far_LoA	-7,200	0,176	0,281
CHR16	1098842	CHR16:1098842	SSF x Far_LoA	-9,706	-0,039	0,289
CHR16	1099752	CHR16:1099752	SSF x Far_LoA	-11,518	-0,012	0,305
CHR16	1116799	CHR16:1116799	SSF x Far_LoA	-7,107	0,142	0,299
CHR16	1116868	CHR16:1116868	SSF x Far_LoA	-8,162	-0,107	0,294
CHR16	1117460	CHR16:1117460	SSF x Far_LoA	-7,921	0,110	0,276
CHR16	1117830	CHR16:1117830	SSF x Far_LoA	-7,939	0,121	0,288
CHR16	1121146	CHR16:1121146	SSF x Far_LoA	-7,297	0,059	0,284
CHR16	1121226	CHR16:1121226	SSF x Far_LoA	-8,568	0,157	0,289
CHR16	1121308	CHR16:1121308	SSF x Far_LoA	-9,895	-0,030	0,287
CHR16	1121314	CHR16:1121314	SSF x Far_LoA	-10,164	-0,066	0,290
CHR16	1121387	CHR16:1121387	SSF x Far_LoA	-2,291	0,098	0,279
CHR16	1121388	CHR16:1121388	SSF x Far_LoA	-1,284	-0,273	0,275
CHR16	1134755	CHR16:1134755	SSF x Far_LoA	-3,769	0,052	0,305
CHR16	1134947	CHR16:1134947	SSF x Far_LoA	1,046	0,173	0,272
CHR16	1138737	CHR16:1138737	SSF x Far_LoA	-10,930	0,050	0,275
CHR16	1138856	CHR16:1138856	SSF x Far_LoA	-9,962	-0,002	0,290
CHR16	1142987	CHR16:1142987	SSF x Far_LoA	-8,294	0,080	0,298
CHR16	1152933	CHR16:1152933	SSF x Far_LoA	-9,155	0,026	0,269
CHR16	1154431	CHR16:1154431	SSF x Far_LoA	-11,296	-0,070	0,276
CHR16	1154470	CHR16:1154470	SSF x Far_LoA	-8,583	0,065	0,288
CHR16	1154490	CHR16:1154490	SSF x Far_LoA	-9,465	-0,022	0,301
CHR16	1154539	CHR16:1154539	SSF x Far_LoA	-6,978	-0,194	0,268
CHR16	1157098	CHR16:1157098	SSF x Far_LoA	-8,280	-0,125	0,305
CHR16	1157107	CHR16:1157107	SSF x Far_LoA	-7,220	0,154	0,290
CHR16	1157116	CHR16:1157116	SSF x Far_LoA	-6,284	0,151	0,288
CHR16	1164473	CHR16:1164473	SSF x Far_LoA	-8,830	-0,025	0,289
CHR16	1169724	CHR16:1169724	SSF x Far_LoA	-7,943	-0,136	0,284
CHR16	1169725	CHR16:1169725	SSF x Far_LoA	-11,199	0,071	0,290
CHR16	1169817	CHR16:1169817	SSF x Far_LoA	-8,742	-0,125	0,283
CHR16	1178514	CHR16:1178514	SSF x Far_LoA	-8,417	0,080	0,286
CHR16	1178520	CHR16:1178520	SSF x Far_LoA	-7,904	0,107	0,297
CHR16	1178526	CHR16:1178526	SSF x Far_LoA	-10,054	0,041	0,288
CHR16	1178548	CHR16:1178548	SSF x Far_LoA	-9,266	0,032	0,289
CHR16	1181128	CHR16:1181128	SSF x Far_LoA	-9,482	0,006	0,297
CHR16	1181191	CHR16:1181191	SSF x Far_LoA	-8,977	-0,040	0,277
CHR16	1181200	CHR16:1181200	SSF x Far_LoA	-7,514	-0,046	0,281
CHR16	1182481	CHR16:1182481	SSF x Far_LoA	-9,007	-0,101	0,277
CHR16	1209118	CHR16:1209118	SSF x Far_LoA	-8,789	0,110	0,294

CHR16	1222785	CHR16:1222785	SSF x Far_LoA	-8,008	-0,101	0,278
CHR16	1222816	CHR16:1222816	SSF x Far_LoA	-9,700	0,038	0,284
CHR16	1222820	CHR16:1222820	SSF x Far_LoA	-7,910	-0,098	0,288
CHR16	1222877	CHR16:1222877	SSF x Far_LoA	-7,776	-0,128	0,283
CHR16	1222950	CHR16:1222950	SSF x Far_LoA	-10,283	-0,014	0,279
CHR16	1222965	CHR16:1222965	SSF x Far_LoA	-7,932	0,062	0,298
CHR16	1223064	CHR16:1223064	SSF x Far_LoA	-10,641	-0,012	0,280
CHR16	1223065	CHR16:1223065	SSF x Far_LoA	-4,493	0,130	0,294
CHR16	1223250	CHR16:1223250	SSF x Far_LoA	-7,408	0,085	0,289
CHR16	1268069	CHR16:1268069	SSF x Far_LoA	-9,879	0,033	0,287
CHR16	1268094	CHR16:1268094	SSF x Far_LoA	-9,675	-0,038	0,287
CHR16	1268161	CHR16:1268161	SSF x Far_LoA	-10,525	-0,007	0,287
CHR16	1271009	CHR16:1271009	SSF x Far_LoA	-8,306	0,052	0,301
CHR16	1271091	CHR16:1271091	SSF x Far_LoA	-10,100	-0,005	0,292
CHR16	1271123	CHR16:1271123	SSF x Far_LoA	-8,820	0,112	0,287
CHR16	1278163	CHR16:1278163	SSF x Far_LoA	-9,968	0,011	0,299
CHR16	1278428	CHR16:1278428	SSF x Far_LoA	-10,008	0,067	0,280
CHR16	1278590	CHR16:1278590	SSF x Far_LoA	-7,746	0,154	0,288
CHR16	1302970	CHR16:1302970	SSF x Far_LoA	-6,394	-0,034	0,285
CHR16	1317050	CHR16:1317050	SSF x Far_LoA	-6,635	-0,076	0,297
CHR16	1317070	CHR16:1317070	SSF x Far_LoA	9,200	0,109	0,297
CHR16	1317178	CHR16:1317178	SSF x Far_LoA	-9,741	-0,059	0,303
CHR16	1317181	CHR16:1317181	SSF x Far_LoA	-11,411	0,086	0,283
CHR16	1317193	CHR16:1317193	SSF x Far_LoA	-8,343	-0,146	0,275
CHR16	1317229	CHR16:1317229	SSF x Far_LoA	-3,798	0,129	0,278
CHR16	1328231	CHR16:1328231	SSF x Far_LoA	-11,478	0,058	0,296
CHR16	1328244	CHR16:1328244	SSF x Far_LoA	-1,478	0,008	0,292
CHR16	1328291	CHR16:1328291	SSF x Far_LoA	-9,417	0,044	0,303
CHR16	1328302	CHR16:1328302	SSF x Far_LoA	-8,723	0,109	0,293
CHR16	1328372	CHR16:1328372	SSF x Far_LoA	-11,414	-0,089	0,276
CHR16	1339697	CHR16:1339697	SSF x Far_LoA	-6,883	-0,126	0,288
CHR16	1339698	CHR16:1339698	SSF x Far_LoA	-2,449	0,134	0,291
CHR16	1339703	CHR16:1339703	SSF x Far_LoA	-11,046	0,096	0,298
CHR16	1343723	CHR16:1343723	SSF x Far_LoA	-9,296	0,042	0,307
CHR16	1343761	CHR16:1343761	SSF x Far_LoA	-9,298	0,049	0,290
CHR16	1343840	CHR16:1343840	SSF x Far_LoA	-7,859	-0,037	0,293
CHR16	1343975	CHR16:1343975	SSF x Far_LoA	-6,306	0,007	0,298
CHR16	1348320	CHR16:1348320	SSF x Far_LoA	-7,707	-0,045	0,294
CHR16	1348388	CHR16:1348388	SSF x Far_LoA	-5,219	0,170	0,292
CHR16	1348458	CHR16:1348458	SSF x Far_LoA	-8,258	0,096	0,294
CHR16	1356684	CHR16:1356684	SSF x Far_LoA	-9,867	0,079	0,297
CHR16	1356694	CHR16:1356694	SSF x Far_LoA	-9,717	0,094	0,288
CHR16	1373236	CHR16:1373236	SSF x Far_LoA	-11,593	0,048	0,301
CHR16	1373278	CHR16:1373278	SSF x Far_LoA	-9,369	-0,095	0,285
CHR16	1373315	CHR16:1373315	SSF x Far_LoA	-9,352	-0,031	0,294
CHR16	1373475	CHR16:1373475	SSF x Far_LoA	-8,353	0,158	0,294
CHR16	1401419	CHR16:1401419	SSF x Far_LoA	-5,871	0,087	0,281
CHR16	1404033	CHR16:1404033	SSF x Far_LoA	-8,447	0,000	0,302
CHR16	1404071	CHR16:1404071	SSF x Far_LoA	-7,811	0,005	0,293
CHR16	1404121	CHR16:1404121	SSF x Far_LoA	-7,679	-0,125	0,283
CHR16	1404181	CHR16:1404181	SSF x Far_LoA	-9,806	-0,159	0,285
CHR16	1410827	CHR16:1410827	SSF x Far_LoA	-8,592	0,078	0,286
CHR16	1410853	CHR16:1410853	SSF x Far_LoA	-8,333	-0,098	0,282

CHR16	1410908	CHR16:1410908	SSF x Far_LoA	-11,042	-0,121	0,273
CHR16	1410950	CHR16:1410950	SSF x Far_LoA	-10,549	-0,122	0,277
CHR16	1417675	CHR16:1417675	SSF x Far_LoA	-9,770	0,004	0,283
CHR16	1417922	CHR16:1417922	SSF x Far_LoA	1,490	0,017	0,283
CHR16	1417931	CHR16:1417931	SSF x Far_LoA	-7,919	0,111	0,290
CHR16	1417934	CHR16:1417934	SSF x Far_LoA	-3,220	0,113	0,273
CHR16	1417955	CHR16:1417955	SSF x Far_LoA	-12,195	0,038	0,295
CHR16	1422282	CHR16:1422282	SSF x Far_LoA	-8,589	0,135	0,280
CHR16	1422354	CHR16:1422354	SSF x Far_LoA	-9,288	-0,009	0,294
CHR16	1422373	CHR16:1422373	SSF x Far_LoA	-7,247	0,021	0,299
CHR16	1443005	CHR16:1443005	SSF x Far_LoA	-8,786	0,054	0,296
CHR16	1443287	CHR16:1443287	SSF x Far_LoA	-1,918	0,112	0,300
CHR16	1451703	CHR16:1451703	SSF x Far_LoA	-9,247	0,069	0,276
CHR16	1451719	CHR16:1451719	SSF x Far_LoA	-9,662	0,081	0,275
CHR16	1452113	CHR16:1452113	SSF x Far_LoA	-11,576	0,096	0,288
CHR16	1452168	CHR16:1452168	SSF x Far_LoA	-7,247	-0,029	0,286
CHR16	1454868	CHR16:1454868	SSF x Far_LoA	-11,109	0,031	0,285
CHR16	1454937	CHR16:1454937	SSF x Far_LoA	-8,141	0,035	0,304
CHR16	1454955	CHR16:1454955	SSF x Far_LoA	-5,090	-0,123	0,281
CHR16	1454959	CHR16:1454959	SSF x Far_LoA	-11,442	-0,023	0,294
CHR16	1455033	CHR16:1455033	SSF x Far_LoA	-9,601	-0,023	0,287
CHR16	1455052	CHR16:1455052	SSF x Far_LoA	-10,756	0,143	0,284
CHR16	1455139	CHR16:1455139	SSF x Far_LoA	-2,794	0,133	0,274
CHR16	1455168	CHR16:1455168	SSF x Far_LoA	-10,471	0,052	0,295
CHR16	1455184	CHR16:1455184	SSF x Far_LoA	-9,317	0,078	0,286
CHR16	1474841	CHR16:1474841	SSF x Far_LoA	-9,587	-0,044	0,291
CHR16	1479630	CHR16:1479630	SSF x Far_LoA	-10,810	-0,049	0,288
CHR16	1479787	CHR16:1479787	SSF x Far_LoA	-11,235	-0,049	0,272
CHR16	1479833	CHR16:1479833	SSF x Far_LoA	-5,691	-0,142	0,297
CHR16	1479904	CHR16:1479904	SSF x Far_LoA	-10,259	-0,042	0,296
CHR16	1486892	CHR16:1486892	SSF x Far_LoA	-10,412	-0,101	0,295
CHR16	1486928	CHR16:1486928	SSF x Far_LoA	0,722	-0,125	0,278
CHR16	1504456	CHR16:1504456	SSF x Far_LoA	-8,051	0,035	0,295
CHR16	1504572	CHR16:1504572	SSF x Far_LoA	-8,600	-0,020	0,305
CHR16	1504574	CHR16:1504574	SSF x Far_LoA	-6,216	0,090	0,291
CHR16	1506642	CHR16:1506642	SSF x Far_LoA	-10,260	0,006	0,299
CHR16	1506689	CHR16:1506689	SSF x Far_LoA	-11,252	-0,035	0,295
CHR16	150746	CHR16:150746	SSF x Far_LoA	-10,782	0,024	0,291
CHR16	1507924	CHR16:1507924	SSF x Far_LoA	-10,698	-0,073	0,304
CHR16	1508088	CHR16:1508088	SSF x Far_LoA	-6,076	0,034	0,293
CHR16	1508149	CHR16:1508149	SSF x Far_LoA	-7,303	0,046	0,287
CHR16	1508152	CHR16:1508152	SSF x Far_LoA	-8,039	0,076	0,302
CHR16	1508159	CHR16:1508159	SSF x Far_LoA	-10,942	0,062	0,278
CHR16	1508162	CHR16:1508162	SSF x Far_LoA	-10,229	0,061	0,299
CHR16	1508169	CHR16:1508169	SSF x Far_LoA	-7,959	0,063	0,299
CHR16	1508189	CHR16:1508189	SSF x Far_LoA	-7,298	-0,039	0,287
CHR16	1508198	CHR16:1508198	SSF x Far_LoA	-9,270	-0,028	0,290
CHR16	1508243	CHR16:1508243	SSF x Far_LoA	-9,708	0,024	0,301
CHR16	1508253	CHR16:1508253	SSF x Far_LoA	-9,361	0,029	0,299
CHR16	1526262	CHR16:1526262	SSF x Far_LoA	-9,478	-0,095	0,287
CHR16	1526288	CHR16:1526288	SSF x Far_LoA	-10,176	0,059	0,278
CHR16	1526344	CHR16:1526344	SSF x Far_LoA	-5,816	-0,095	0,279
CHR16	1526411	CHR16:1526411	SSF x Far_LoA	-9,767	-0,008	0,295

CHR16	1526472	CHR16:1526472	SSF x Far_LoA	-9,993	-0,093	0,292
CHR16	1538913	CHR16:1538913	SSF x Far_LoA	-9,254	0,067	0,296
CHR16	1539179	CHR16:1539179	SSF x Far_LoA	-10,215	0,071	0,283
CHR16	1539236	CHR16:1539236	SSF x Far_LoA	-10,635	0,043	0,297
CHR16	1539330	CHR16:1539330	SSF x Far_LoA	-7,063	-0,194	0,283
CHR16	1547551	CHR16:1547551	SSF x Far_LoA	-9,192	-0,043	0,285
CHR16	1547555	CHR16:1547555	SSF x Far_LoA	-9,686	-0,011	0,289
CHR16	1547595	CHR16:1547595	SSF x Far_LoA	-9,412	0,036	0,282
CHR16	1547679	CHR16:1547679	SSF x Far_LoA	-11,351	-0,008	0,299
CHR16	1547775	CHR16:1547775	SSF x Far_LoA	-8,080	-0,094	0,300
CHR16	1547787	CHR16:1547787	SSF x Far_LoA	-9,990	-0,007	0,304
CHR16	1562275	CHR16:1562275	SSF x Far_LoA	-11,529	0,059	0,290
CHR16	1562291	CHR16:1562291	SSF x Far_LoA	-11,476	-0,070	0,285
CHR16	1562299	CHR16:1562299	SSF x Far_LoA	-6,814	0,141	0,295
CHR16	1562377	CHR16:1562377	SSF x Far_LoA	-9,603	-0,078	0,297
CHR16	1562421	CHR16:1562421	SSF x Far_LoA	-8,085	0,114	0,293
CHR16	1586484	CHR16:1586484	SSF x Far_LoA	-8,967	-0,014	0,302
CHR16	1586539	CHR16:1586539	SSF x Far_LoA	-8,240	0,094	0,291
CHR16	1586541	CHR16:1586541	SSF x Far_LoA	-6,204	0,097	0,294
CHR16	1586599	CHR16:1586599	SSF x Far_LoA	-9,260	-0,095	0,281
CHR16	1586628	CHR16:1586628	SSF x Far_LoA	-8,927	-0,132	0,287
CHR16	1599889	CHR16:1599889	SSF x Far_LoA	-5,806	0,059	0,282
CHR16	1599960	CHR16:1599960	SSF x Far_LoA	-9,472	0,057	0,296
CHR16	1600089	CHR16:1600089	SSF x Far_LoA	-9,477	-0,009	0,287
CHR16	1602002	CHR16:1602002	SSF x Far_LoA	-6,926	-0,092	0,304
CHR16	1602022	CHR16:1602022	SSF x Far_LoA	-9,337	-0,028	0,290
CHR16	1603909	CHR16:1603909	SSF x Far_LoA	-8,514	-0,071	0,299
CHR16	1631303	CHR16:1631303	SSF x Far_LoA	-7,846	-0,015	0,284
CHR16	1631340	CHR16:1631340	SSF x Far_LoA	-9,475	-0,070	0,294
CHR16	1631491	CHR16:1631491	SSF x Far_LoA	-9,150	0,082	0,299
CHR16	1631565	CHR16:1631565	SSF x Far_LoA	-4,381	0,009	0,307
CHR16	1637188	CHR16:1637188	SSF x Far_LoA	-11,896	0,080	0,290
CHR16	1637349	CHR16:1637349	SSF x Far_LoA	-9,697	0,044	0,280
CHR16	1637373	CHR16:1637373	SSF x Far_LoA	-9,229	0,020	0,294
CHR16	1667309	CHR16:1667309	SSF x Far_LoA	-8,883	0,027	0,300
CHR16	1667386	CHR16:1667386	SSF x Far_LoA	-10,563	-0,051	0,299
CHR16	1680404	CHR16:1680404	SSF x Far_LoA	-9,422	-0,069	0,265
CHR16	1680482	CHR16:1680482	SSF x Far_LoA	-8,350	-0,024	0,285
CHR16	1680484	CHR16:1680484	SSF x Far_LoA	-10,336	0,013	0,273
CHR16	1680570	CHR16:1680570	SSF x Far_LoA	-10,959	-0,040	0,286
CHR16	1683822	CHR16:1683822	SSF x Far_LoA	-6,903	0,033	0,302
CHR16	1703652	CHR16:1703652	SSF x Far_LoA	-11,978	0,097	0,289
CHR16	1703659	CHR16:1703659	SSF x Far_LoA	-8,844	-0,018	0,274
CHR16	1703670	CHR16:1703670	SSF x Far_LoA	-11,889	-0,046	0,276
CHR16	1703671	CHR16:1703671	SSF x Far_LoA	-8,047	-0,054	0,295
CHR16	1703673	CHR16:1703673	SSF x Far_LoA	-10,598	0,093	0,280
CHR16	1704979	CHR16:1704979	SSF x Far_LoA	-9,734	-0,091	0,286
CHR16	1705010	CHR16:1705010	SSF x Far_LoA	-9,340	0,053	0,294
CHR16	1705046	CHR16:1705046	SSF x Far_LoA	-7,036	0,014	0,293
CHR16	1734469	CHR16:1734469	SSF x Far_LoA	-9,023	-0,001	0,287
CHR16	1734632	CHR16:1734632	SSF x Far_LoA	-10,270	-0,146	0,268
CHR16	1734781	CHR16:1734781	SSF x Far_LoA	-8,066	0,153	0,278
CHR16	1734796	CHR16:1734796	SSF x Far_LoA	-10,249	0,050	0,286

CHR16	1741175	CHR16:1741175	SSF x Far_LoA	-9,832	-0,059	0,287
CHR16	1741279	CHR16:1741279	SSF x Far_LoA	-10,216	0,030	0,289
CHR16	1749490	CHR16:1749490	SSF x Far_LoA	-9,177	0,054	0,290
CHR16	1753075	CHR16:1753075	SSF x Far_LoA	-9,326	-0,143	0,289
CHR16	1753149	CHR16:1753149	SSF x Far_LoA	-10,156	0,046	0,298
CHR16	1753750	CHR16:1753750	SSF x Far_LoA	-10,276	0,084	0,290
CHR16	1769809	CHR16:1769809	SSF x Far_LoA	-10,039	0,086	0,308
CHR16	1782019	CHR16:1782019	SSF x Far_LoA	-8,233	-0,038	0,291
CHR16	1783474	CHR16:1783474	SSF x Far_LoA	-8,827	-0,025	0,294
CHR16	1783581	CHR16:1783581	SSF x Far_LoA	-8,263	0,023	0,300
CHR16	1789027	CHR16:1789027	SSF x Far_LoA	-9,048	-0,014	0,287
CHR16	1789124	CHR16:1789124	SSF x Far_LoA	-8,229	-0,077	0,290
CHR16	1789175	CHR16:1789175	SSF x Far_LoA	-6,325	0,038	0,293
CHR16	1789223	CHR16:1789223	SSF x Far_LoA	-9,257	-0,008	0,300
CHR16	1789260	CHR16:1789260	SSF x Far_LoA	-1,936	-0,149	0,303
CHR16	1789279	CHR16:1789279	SSF x Far_LoA	-11,953	0,024	0,292
CHR16	1796429	CHR16:1796429	SSF x Far_LoA	-10,419	-0,095	0,283
CHR16	1796546	CHR16:1796546	SSF x Far_LoA	-6,069	-0,138	0,280
CHR16	1796566	CHR16:1796566	SSF x Far_LoA	-6,198	-0,220	0,285
CHR16	1796602	CHR16:1796602	SSF x Far_LoA	-2,734	-0,240	0,272
CHR16	1812962	CHR16:1812962	SSF x Far_LoA	-9,815	-0,036	0,295
CHR16	1819790	CHR16:1819790	SSF x Far_LoA	-9,540	0,034	0,291
CHR16	1836404	CHR16:1836404	SSF x Far_LoA	-9,858	-0,058	0,275
CHR16	1838844	CHR16:1838844	SSF x Far_LoA	-10,502	0,031	0,281
CHR16	1846775	CHR16:1846775	SSF x Far_LoA	-8,029	0,033	0,272
CHR16	1846998	CHR16:1846998	SSF x Far_LoA	-1,528	-0,156	0,291
CHR16	1860097	CHR16:1860097	SSF x Far_LoA	-5,991	-0,097	0,263
CHR16	1860208	CHR16:1860208	SSF x Far_LoA	-8,585	-0,058	0,294
CHR16	1860238	CHR16:1860238	SSF x Far_LoA	-10,281	0,070	0,305
CHR16	1861961	CHR16:1861961	SSF x Far_LoA	-9,948	-0,105	0,289
CHR16	1862112	CHR16:1862112	SSF x Far_LoA	-10,574	0,108	0,297
CHR16	1871538	CHR16:1871538	SSF x Far_LoA	-9,269	-0,024	0,292
CHR16	1889907	CHR16:1889907	SSF x Far_LoA	-8,210	0,015	0,291
CHR16	1890003	CHR16:1890003	SSF x Far_LoA	-7,225	0,019	0,298
CHR16	1897462	CHR16:1897462	SSF x Far_LoA	-9,462	0,090	0,288
CHR16	1902575	CHR16:1902575	SSF x Far_LoA	-8,893	-0,004	0,295
CHR16	1902637	CHR16:1902637	SSF x Far_LoA	-7,672	-0,020	0,296
CHR16	1902836	CHR16:1902836	SSF x Far_LoA	-7,936	-0,027	0,293
CHR16	1902962	CHR16:1902962	SSF x Far_LoA	-10,110	-0,001	0,295
CHR16	1902992	CHR16:1902992	SSF x Far_LoA	-7,003	0,178	0,269
CHR16	1905708	CHR16:1905708	SSF x Far_LoA	-7,324	0,083	0,296
CHR16	1905735	CHR16:1905735	SSF x Far_LoA	-8,239	0,086	0,285
CHR16	1907546	CHR16:1907546	SSF x Far_LoA	-7,875	-0,006	0,284
CHR16	1916550	CHR16:1916550	SSF x Far_LoA	-1,607	-0,003	0,304
CHR16	1916660	CHR16:1916660	SSF x Far_LoA	-11,460	-0,034	0,289
CHR16	1916767	CHR16:1916767	SSF x Far_LoA	-8,841	0,069	0,277
CHR16	1916771	CHR16:1916771	SSF x Far_LoA	-7,282	-0,052	0,294
CHR16	1916790	CHR16:1916790	SSF x Far_LoA	-7,139	-0,046	0,295
CHR16	1916844	CHR16:1916844	SSF x Far_LoA	-5,839	0,001	0,296
CHR16	1916850	CHR16:1916850	SSF x Far_LoA	-5,903	-0,228	0,277
CHR16	1925252	CHR16:1925252	SSF x Far_LoA	-8,066	0,027	0,286
CHR16	1951223	CHR16:1951223	SSF x Far_LoA	-8,756	-0,045	0,292
CHR16	1951286	CHR16:1951286	SSF x Far_LoA	-8,722	0,077	0,289

CHR16	1951504	CHR16:1951504	SSF x Far_LoA	-8,737	-0,011	0,293
CHR16	1951521	CHR16:1951521	SSF x Far_LoA	-7,328	-0,126	0,274
CHR16	1951536	CHR16:1951536	SSF x Far_LoA	-11,861	0,047	0,279
CHR16	1951560	CHR16:1951560	SSF x Far_LoA	-6,371	-0,137	0,276
CHR16	1951569	CHR16:1951569	SSF x Far_LoA	-9,723	-0,067	0,297
CHR16	1964193	CHR16:1964193	SSF x Far_LoA	-10,910	0,062	0,274
CHR16	1997859	CHR16:1997859	SSF x Far_LoA	-9,619	0,078	0,285
CHR16	2005543	CHR16:2005543	SSF x Far_LoA	-7,088	0,016	0,291
CHR16	2005683	CHR16:2005683	SSF x Far_LoA	-9,286	-0,062	0,293
CHR16	2023085	CHR16:2023085	SSF x Far_LoA	-9,393	0,037	0,285
CHR16	2023105	CHR16:2023105	SSF x Far_LoA	-3,892	0,118	0,306
CHR16	2023166	CHR16:2023166	SSF x Far_LoA	-10,343	-0,026	0,292
CHR16	2024686	CHR16:2024686	SSF x Far_LoA	-9,037	0,136	0,274
CHR16	2029324	CHR16:2029324	SSF x Far_LoA	-8,643	-0,120	0,283
CHR16	2030595	CHR16:2030595	SSF x Far_LoA	-5,335	0,059	0,283
CHR16	2030627	CHR16:2030627	SSF x Far_LoA	-10,808	-0,067	0,284
CHR16	2030636	CHR16:2030636	SSF x Far_LoA	-8,906	-0,110	0,282
CHR16	2031018	CHR16:2031018	SSF x Far_LoA	-3,934	0,050	0,298
CHR16	2050143	CHR16:2050143	SSF x Far_LoA	-3,562	0,201	0,284
CHR16	2050165	CHR16:2050165	SSF x Far_LoA	-8,486	0,031	0,283
CHR16	2050180	CHR16:2050180	SSF x Far_LoA	-9,813	0,036	0,287
CHR16	2050199	CHR16:2050199	SSF x Far_LoA	-9,633	0,030	0,284
CHR16	2050220	CHR16:2050220	SSF x Far_LoA	-7,304	-0,093	0,285
CHR16	2050304	CHR16:2050304	SSF x Far_LoA	-9,361	0,073	0,295
CHR16	2060464	CHR16:2060464	SSF x Far_LoA	-9,030	-0,018	0,299
CHR16	2060470	CHR16:2060470	SSF x Far_LoA	-9,493	-0,070	0,291
CHR16	2060675	CHR16:2060675	SSF x Far_LoA	-8,079	-0,056	0,291
CHR16	2060679	CHR16:2060679	SSF x Far_LoA	-8,058	0,015	0,277
CHR16	2060697	CHR16:2060697	SSF x Far_LoA	-7,536	0,023	0,283
CHR16	2080726	CHR16:2080726	SSF x Far_LoA	-9,058	-0,134	0,292
CHR16	2080743	CHR16:2080743	SSF x Far_LoA	-7,986	-0,079	0,293
CHR16	2093844	CHR16:2093844	SSF x Far_LoA	-9,004	-0,110	0,298
CHR16	2093946	CHR16:2093946	SSF x Far_LoA	-7,118	-0,126	0,281
CHR16	2132639	CHR16:2132639	SSF x Far_LoA	-9,064	0,031	0,290
CHR16	2133779	CHR16:2133779	SSF x Far_LoA	-10,031	-0,061	0,301
CHR16	2140104	CHR16:2140104	SSF x Far_LoA	-8,591	-0,039	0,278
CHR16	2140267	CHR16:2140267	SSF x Far_LoA	-7,933	0,058	0,292
CHR16	2140334	CHR16:2140334	SSF x Far_LoA	-10,106	-0,066	0,294
CHR16	2140367	CHR16:2140367	SSF x Far_LoA	-10,950	-0,048	0,298
CHR16	215804	CHR16:215804	SSF x Far_LoA	-7,996	0,026	0,297
CHR16	2195633	CHR16:2195633	SSF x Far_LoA	-5,729	-0,015	0,304
CHR16	2203467	CHR16:2203467	SSF x Far_LoA	-9,308	-0,020	0,271
CHR16	2219442	CHR16:2219442	SSF x Far_LoA	3,722	0,015	0,298
CHR16	2233754	CHR16:2233754	SSF x Far_LoA	-8,152	0,100	0,279
CHR16	2233797	CHR16:2233797	SSF x Far_LoA	-8,781	0,067	0,289
CHR16	2233824	CHR16:2233824	SSF x Far_LoA	-7,319	-0,149	0,280
CHR16	2233853	CHR16:2233853	SSF x Far_LoA	-6,075	0,088	0,309
CHR16	2256387	CHR16:2256387	SSF x Far_LoA	-8,706	0,179	0,288
CHR16	2256411	CHR16:2256411	SSF x Far_LoA	-8,851	0,171	0,288
CHR16	2256413	CHR16:2256413	SSF x Far_LoA	-8,908	-0,038	0,289
CHR16	2256432	CHR16:2256432	SSF x Far_LoA	-8,018	0,119	0,290
CHR16	2261201	CHR16:2261201	SSF x Far_LoA	-7,056	0,048	0,291
CHR16	2261212	CHR16:2261212	SSF x Far_LoA	-11,311	-0,018	0,296

CHR16	2265341	CHR16:2265341	SSF x Far_LoA	-10,360	0,017	0,290
CHR16	2265424	CHR16:2265424	SSF x Far_LoA	-8,164	-0,183	0,284
CHR16	2272541	CHR16:2272541	SSF x Far_LoA	-8,403	0,072	0,304
CHR16	2272579	CHR16:2272579	SSF x Far_LoA	-4,332	-0,102	0,284
CHR16	2272584	CHR16:2272584	SSF x Far_LoA	-11,921	0,075	0,294
CHR16	2272591	CHR16:2272591	SSF x Far_LoA	-10,053	-0,126	0,290
CHR16	2272603	CHR16:2272603	SSF x Far_LoA	-12,166	0,042	0,290
CHR16	2272656	CHR16:2272656	SSF x Far_LoA	-9,832	0,056	0,300
CHR16	2272700	CHR16:2272700	SSF x Far_LoA	-9,910	0,092	0,297
CHR16	2280416	CHR16:2280416	SSF x Far_LoA	-9,359	-0,023	0,294
CHR16	2280595	CHR16:2280595	SSF x Far_LoA	-7,336	-0,195	0,276
CHR16	2293467	CHR16:2293467	SSF x Far_LoA	-9,449	0,196	0,276
CHR16	2293563	CHR16:2293563	SSF x Far_LoA	-6,691	-0,080	0,283
CHR16	2293729	CHR16:2293729	SSF x Far_LoA	-9,085	-0,125	0,292
CHR16	2305687	CHR16:2305687	SSF x Far_LoA	-10,206	-0,014	0,299
CHR16	2305688	CHR16:2305688	SSF x Far_LoA	-8,115	0,000	0,292
CHR16	2305732	CHR16:2305732	SSF x Far_LoA	-9,520	0,002	0,300
CHR16	2308772	CHR16:2308772	SSF x Far_LoA	-8,666	-0,082	0,295
CHR16	2312803	CHR16:2312803	SSF x Far_LoA	-8,290	-0,009	0,275
CHR16	2312811	CHR16:2312811	SSF x Far_LoA	-9,590	0,115	0,283
CHR16	2312817	CHR16:2312817	SSF x Far_LoA	-8,151	-0,002	0,281
CHR16	2312830	CHR16:2312830	SSF x Far_LoA	-8,976	0,005	0,281
CHR16	2312873	CHR16:2312873	SSF x Far_LoA	-6,291	0,037	0,285
CHR16	2336946	CHR16:2336946	SSF x Far_LoA	-8,901	-0,011	0,284
CHR16	2337105	CHR16:2337105	SSF x Far_LoA	-9,869	-0,025	0,296
CHR16	2337898	CHR16:2337898	SSF x Far_LoA	-10,532	0,077	0,290
CHR16	2337954	CHR16:2337954	SSF x Far_LoA	-8,457	0,024	0,305
CHR16	2338009	CHR16:2338009	SSF x Far_LoA	-10,175	0,074	0,290
CHR16	2357506	CHR16:2357506	SSF x Far_LoA	-8,431	-0,013	0,285
CHR16	2357621	CHR16:2357621	SSF x Far_LoA	-10,780	0,031	0,287
CHR16	2357637	CHR16:2357637	SSF x Far_LoA	-8,668	0,068	0,296
CHR16	2357638	CHR16:2357638	SSF x Far_LoA	-11,549	0,004	0,298
CHR16	2357665	CHR16:2357665	SSF x Far_LoA	-4,730	-0,073	0,278
CHR16	2366855	CHR16:2366855	SSF x Far_LoA	-6,876	-0,087	0,298
CHR16	2366966	CHR16:2366966	SSF x Far_LoA	-9,597	0,000	0,277
CHR16	2367173	CHR16:2367173	SSF x Far_LoA	-9,033	0,022	0,281
CHR16	237024	CHR16:237024	SSF x Far_LoA	-10,496	0,027	0,284
CHR16	2374608	CHR16:2374608	SSF x Far_LoA	-8,483	0,027	0,303
CHR16	2374611	CHR16:2374611	SSF x Far_LoA	-7,637	0,065	0,305
CHR16	2374705	CHR16:2374705	SSF x Far_LoA	-10,618	0,015	0,287
CHR16	2385410	CHR16:2385410	SSF x Far_LoA	-7,538	-0,107	0,304
CHR16	2385455	CHR16:2385455	SSF x Far_LoA	-6,451	-0,161	0,275
CHR16	2385469	CHR16:2385469	SSF x Far_LoA	-8,679	-0,126	0,289
CHR16	2391308	CHR16:2391308	SSF x Far_LoA	-10,885	0,023	0,286
CHR16	2391505	CHR16:2391505	SSF x Far_LoA	-10,904	0,062	0,290
CHR16	2391542	CHR16:2391542	SSF x Far_LoA	-12,550	-0,009	0,289
CHR16	2391654	CHR16:2391654	SSF x Far_LoA	-8,183	0,026	0,294
CHR16	2391667	CHR16:2391667	SSF x Far_LoA	-10,293	0,003	0,299
CHR16	2408454	CHR16:2408454	SSF x Far_LoA	-9,784	0,067	0,277
CHR16	2408471	CHR16:2408471	SSF x Far_LoA	-3,101	0,012	0,294
CHR16	2408551	CHR16:2408551	SSF x Far_LoA	-8,780	-0,037	0,284
CHR16	2408639	CHR16:2408639	SSF x Far_LoA	-8,903	0,037	0,283
CHR16	2419689	CHR16:2419689	SSF x Far_LoA	-8,707	0,070	0,290

CHR16	2419844	CHR16:2419844	SSF x Far_LoA	-11,686	-0,001	0,296
CHR16	2420027	CHR16:2420027	SSF x Far_LoA	-7,955	0,075	0,301
CHR16	2422889	CHR16:2422889	SSF x Far_LoA	-7,797	0,096	0,306
CHR16	2422935	CHR16:2422935	SSF x Far_LoA	-8,330	-0,074	0,282
CHR16	2425446	CHR16:2425446	SSF x Far_LoA	-9,944	0,035	0,282
CHR16	2472470	CHR16:2472470	SSF x Far_LoA	-7,479	0,035	0,301
CHR16	2475781	CHR16:2475781	SSF x Far_LoA	-8,622	-0,053	0,290
CHR16	2479390	CHR16:2479390	SSF x Far_LoA	-8,197	0,056	0,288
CHR16	2479502	CHR16:2479502	SSF x Far_LoA	-10,222	0,010	0,288
CHR16	2479510	CHR16:2479510	SSF x Far_LoA	-7,937	0,002	0,286
CHR16	2481590	CHR16:2481590	SSF x Far_LoA	-10,629	0,017	0,292
CHR16	248335	CHR16:248335	SSF x Far_LoA	-11,181	-0,057	0,296
CHR16	2484593	CHR16:2484593	SSF x Far_LoA	-8,501	0,060	0,307
CHR16	2484625	CHR16:2484625	SSF x Far_LoA	-11,683	0,059	0,283
CHR16	2484734	CHR16:2484734	SSF x Far_LoA	-10,104	0,088	0,289
CHR16	2484793	CHR16:2484793	SSF x Far_LoA	-2,929	0,225	0,273
CHR16	2484807	CHR16:2484807	SSF x Far_LoA	-8,839	-0,058	0,293
CHR16	2484844	CHR16:2484844	SSF x Far_LoA	-8,839	0,130	0,286
CHR16	2490432	CHR16:2490432	SSF x Far_LoA	-7,811	-0,077	0,293
CHR16	2490456	CHR16:2490456	SSF x Far_LoA	-7,270	-0,102	0,289
CHR16	2516718	CHR16:2516718	SSF x Far_LoA	-9,936	0,003	0,299
CHR16	2516778	CHR16:2516778	SSF x Far_LoA	-10,306	0,041	0,296
CHR16	2517080	CHR16:2517080	SSF x Far_LoA	-8,083	0,063	0,312
CHR16	2517081	CHR16:2517081	SSF x Far_LoA	-8,468	0,076	0,303
CHR16	2530083	CHR16:2530083	SSF x Far_LoA	-12,108	0,015	0,290
CHR16	2531247	CHR16:2531247	SSF x Far_LoA	-8,108	0,042	0,295
CHR16	2531277	CHR16:2531277	SSF x Far_LoA	-9,097	-0,015	0,295
CHR16	2548094	CHR16:2548094	SSF x Far_LoA	-9,266	-0,040	0,297
CHR16	2548189	CHR16:2548189	SSF x Far_LoA	-9,236	-0,051	0,299
CHR16	2548190	CHR16:2548190	SSF x Far_LoA	-5,756	-0,083	0,302
CHR16	2548231	CHR16:2548231	SSF x Far_LoA	-9,615	0,153	0,283
CHR16	2548236	CHR16:2548236	SSF x Far_LoA	13,594	0,239	0,279
CHR16	2548262	CHR16:2548262	SSF x Far_LoA	-0,306	-0,079	0,287
CHR16	2548307	CHR16:2548307	SSF x Far_LoA	-4,559	0,184	0,294
CHR16	2548318	CHR16:2548318	SSF x Far_LoA	-7,149	-0,163	0,281
CHR16	2548321	CHR16:2548321	SSF x Far_LoA	-9,523	0,127	0,289
CHR16	2548330	CHR16:2548330	SSF x Far_LoA	-10,613	-0,083	0,294
CHR16	2555211	CHR16:2555211	SSF x Far_LoA	-8,001	0,126	0,283
CHR16	2555343	CHR16:2555343	SSF x Far_LoA	-7,005	-0,085	0,300
CHR16	2559794	CHR16:2559794	SSF x Far_LoA	-11,099	-0,017	0,292
CHR16	2559826	CHR16:2559826	SSF x Far_LoA	-11,861	-0,034	0,280
CHR16	2570373	CHR16:2570373	SSF x Far_LoA	-8,590	-0,094	0,299
CHR16	2570447	CHR16:2570447	SSF x Far_LoA	-7,820	0,157	0,266
CHR16	2570588	CHR16:2570588	SSF x Far_LoA	-7,284	0,047	0,292
CHR16	2586603	CHR16:2586603	SSF x Far_LoA	-8,916	-0,052	0,298
CHR16	2586605	CHR16:2586605	SSF x Far_LoA	-8,479	-0,032	0,298
CHR16	2586609	CHR16:2586609	SSF x Far_LoA	-11,210	-0,015	0,285
CHR16	2586610	CHR16:2586610	SSF x Far_LoA	-11,632	0,026	0,293
CHR16	2586805	CHR16:2586805	SSF x Far_LoA	-8,277	0,025	0,292
CHR16	2586820	CHR16:2586820	SSF x Far_LoA	-7,324	0,069	0,294
CHR16	2593237	CHR16:2593237	SSF x Far_LoA	-8,910	-0,052	0,282
CHR16	2593238	CHR16:2593238	SSF x Far_LoA	-9,814	-0,026	0,276
CHR16	2593239	CHR16:2593239	SSF x Far_LoA	-10,027	0,021	0,267

CHR16	2593257	CHR16:2593257	SSF x Far_LoA	-9,292	0,108	0,278
CHR16	2607663	CHR16:2607663	SSF x Far_LoA	-9,124	-0,085	0,276
CHR16	2607677	CHR16:2607677	SSF x Far_LoA	-7,509	-0,113	0,281
CHR16	2607754	CHR16:2607754	SSF x Far_LoA	-9,681	-0,019	0,305
CHR16	2607755	CHR16:2607755	SSF x Far_LoA	-7,654	-0,015	0,297
CHR16	2607760	CHR16:2607760	SSF x Far_LoA	-8,123	-0,048	0,279
CHR16	2627201	CHR16:2627201	SSF x Far_LoA	-7,638	0,092	0,298
CHR16	2637149	CHR16:2637149	SSF x Far_LoA	-10,221	0,089	0,279
CHR16	2650653	CHR16:2650653	SSF x Far_LoA	-10,164	0,013	0,281
CHR16	2683256	CHR16:2683256	SSF x Far_LoA	-8,666	0,004	0,298
CHR16	2690929	CHR16:2690929	SSF x Far_LoA	-10,471	0,039	0,283
CHR16	2690931	CHR16:2690931	SSF x Far_LoA	-9,453	0,031	0,280
CHR16	2690949	CHR16:2690949	SSF x Far_LoA	-11,997	0,010	0,288
CHR16	2691152	CHR16:2691152	SSF x Far_LoA	-9,275	-0,067	0,296
CHR16	2695207	CHR16:2695207	SSF x Far_LoA	-9,777	-0,007	0,271
CHR16	2698365	CHR16:2698365	SSF x Far_LoA	-11,670	-0,020	0,285
CHR16	2698490	CHR16:2698490	SSF x Far_LoA	-11,262	-0,050	0,296
CHR16	2698525	CHR16:2698525	SSF x Far_LoA	-10,226	0,044	0,294
CHR16	2701974	CHR16:2701974	SSF x Far_LoA	-9,270	0,042	0,307
CHR16	2740732	CHR16:2740732	SSF x Far_LoA	2,583	0,054	0,309
CHR16	2748019	CHR16:2748019	SSF x Far_LoA	-11,591	-0,026	0,281
CHR16	2748041	CHR16:2748041	SSF x Far_LoA	-8,253	0,033	0,300
CHR16	2829611	CHR16:2829611	SSF x Far_LoA	-9,854	0,034	0,284
CHR16	2829665	CHR16:2829665	SSF x Far_LoA	-10,980	0,075	0,290
CHR16	2829776	CHR16:2829776	SSF x Far_LoA	-6,245	0,001	0,308
CHR16	2842000	CHR16:2842000	SSF x Far_LoA	-9,488	0,048	0,292
CHR16	2842001	CHR16:2842001	SSF x Far_LoA	-9,892	0,001	0,302
CHR16	289509	CHR16:289509	SSF x Far_LoA	-9,926	-0,009	0,286
CHR16	289564	CHR16:289564	SSF x Far_LoA	-11,171	-0,022	0,294
CHR16	2922924	CHR16:2922924	SSF x Far_LoA	-6,803	-0,049	0,309
CHR16	2922972	CHR16:2922972	SSF x Far_LoA	-9,731	-0,111	0,276
CHR16	2927370	CHR16:2927370	SSF x Far_LoA	-8,645	-0,093	0,298
CHR16	2939223	CHR16:2939223	SSF x Far_LoA	-11,578	-0,044	0,293
CHR16	2939235	CHR16:2939235	SSF x Far_LoA	-3,906	-0,046	0,283
CHR16	2939280	CHR16:2939280	SSF x Far_LoA	-11,286	-0,032	0,288
CHR16	2949899	CHR16:2949899	SSF x Far_LoA	-9,330	-0,004	0,295
CHR16	2950160	CHR16:2950160	SSF x Far_LoA	-8,616	0,033	0,283
CHR16	2956169	CHR16:2956169	SSF x Far_LoA	-9,718	0,138	0,271
CHR16	2957701	CHR16:2957701	SSF x Far_LoA	-12,103	0,013	0,285
CHR16	3024594	CHR16:3024594	SSF x Far_LoA	-9,701	0,014	0,276
CHR16	3024684	CHR16:3024684	SSF x Far_LoA	-9,164	-0,012	0,290
CHR16	3049035	CHR16:3049035	SSF x Far_LoA	-11,095	-0,024	0,275
CHR16	3049105	CHR16:3049105	SSF x Far_LoA	-8,332	-0,032	0,302
CHR16	3049190	CHR16:3049190	SSF x Far_LoA	-9,195	0,001	0,284
CHR16	3049202	CHR16:3049202	SSF x Far_LoA	-8,678	0,020	0,291
CHR16	3049238	CHR16:3049238	SSF x Far_LoA	-5,929	0,030	0,284
CHR16	3049244	CHR16:3049244	SSF x Far_LoA	-9,149	-0,140	0,291
CHR16	3049265	CHR16:3049265	SSF x Far_LoA	-9,241	-0,032	0,279
CHR16	3058667	CHR16:3058667	SSF x Far_LoA	-7,930	-0,043	0,292
CHR16	3058686	CHR16:3058686	SSF x Far_LoA	-11,204	0,064	0,294
CHR16	3076587	CHR16:3076587	SSF x Far_LoA	-11,152	-0,003	0,279
CHR16	3076596	CHR16:3076596	SSF x Far_LoA	-10,466	-0,018	0,292
CHR16	3076629	CHR16:3076629	SSF x Far_LoA	-8,654	-0,070	0,289

CHR16	3076631	CHR16:3076631	SSF x Far_LoA	-8,487	-0,083	0,287
CHR16	3076634	CHR16:3076634	SSF x Far_LoA	-8,817	0,093	0,273
CHR16	3076679	CHR16:3076679	SSF x Far_LoA	-9,653	-0,069	0,288
CHR16	3078342	CHR16:3078342	SSF x Far_LoA	-9,407	0,032	0,284
CHR16	3078551	CHR16:3078551	SSF x Far_LoA	-11,048	0,002	0,277
CHR16	3083567	CHR16:3083567	SSF x Far_LoA	-8,101	0,083	0,305
CHR16	3083583	CHR16:3083583	SSF x Far_LoA	-8,499	-0,062	0,296
CHR16	3083593	CHR16:3083593	SSF x Far_LoA	-9,729	-0,088	0,289
CHR16	3083667	CHR16:3083667	SSF x Far_LoA	-10,914	0,019	0,282
CHR16	3083690	CHR16:3083690	SSF x Far_LoA	-8,185	0,179	0,278
CHR16	3100460	CHR16:3100460	SSF x Far_LoA	-9,413	-0,059	0,303
CHR16	3100584	CHR16:3100584	SSF x Far_LoA	-11,861	-0,018	0,288
CHR16	3115803	CHR16:3115803	SSF x Far_LoA	-6,188	-0,156	0,292
CHR16	3115857	CHR16:3115857	SSF x Far_LoA	-7,934	0,023	0,297
CHR16	3117395	CHR16:3117395	SSF x Far_LoA	-9,951	-0,039	0,296
CHR16	3128783	CHR16:3128783	SSF x Far_LoA	-11,452	-0,005	0,284
CHR16	3128948	CHR16:3128948	SSF x Far_LoA	-8,704	-0,055	0,301
CHR16	3130380	CHR16:3130380	SSF x Far_LoA	-8,202	0,057	0,297
CHR16	3130381	CHR16:3130381	SSF x Far_LoA	-7,308	0,111	0,276
CHR16	3130427	CHR16:3130427	SSF x Far_LoA	-10,997	-0,045	0,296
CHR16	3130481	CHR16:3130481	SSF x Far_LoA	-9,142	0,072	0,286
CHR16	3133161	CHR16:3133161	SSF x Far_LoA	-11,772	-0,039	0,302
CHR16	3133168	CHR16:3133168	SSF x Far_LoA	-9,464	0,026	0,293
CHR16	3133295	CHR16:3133295	SSF x Far_LoA	-9,873	0,006	0,278
CHR16	3133321	CHR16:3133321	SSF x Far_LoA	-8,622	0,056	0,301
CHR16	3133421	CHR16:3133421	SSF x Far_LoA	-11,708	0,079	0,290
CHR16	3133454	CHR16:3133454	SSF x Far_LoA	-11,068	0,042	0,296
CHR16	3143224	CHR16:3143224	SSF x Far_LoA	-8,366	0,053	0,298
CHR16	3165937	CHR16:3165937	SSF x Far_LoA	-9,046	-0,062	0,289
CHR16	3184223	CHR16:3184223	SSF x Far_LoA	-10,427	-0,065	0,279
CHR16	3184474	CHR16:3184474	SSF x Far_LoA	-9,521	0,030	0,310
CHR16	3184518	CHR16:3184518	SSF x Far_LoA	-7,787	-0,093	0,289
CHR16	3209596	CHR16:3209596	SSF x Far_LoA	-8,672	-0,119	0,285
CHR16	3209832	CHR16:3209832	SSF x Far_LoA	-8,709	-0,131	0,283
CHR16	3242903	CHR16:3242903	SSF x Far_LoA	-8,993	-0,014	0,306
CHR16	3242905	CHR16:3242905	SSF x Far_LoA	5,037	0,038	0,305
CHR16	3242976	CHR16:3242976	SSF x Far_LoA	-10,125	-0,016	0,302
CHR16	3243810	CHR16:3243810	SSF x Far_LoA	1,742	-0,055	0,296
CHR16	3243838	CHR16:3243838	SSF x Far_LoA	-11,127	-0,053	0,279
CHR16	3243899	CHR16:3243899	SSF x Far_LoA	-9,900	-0,029	0,272
CHR16	3245748	CHR16:3245748	SSF x Far_LoA	-8,907	-0,012	0,315
CHR16	3245781	CHR16:3245781	SSF x Far_LoA	-1,366	0,018	0,303
CHR16	3245909	CHR16:3245909	SSF x Far_LoA	-10,288	-0,017	0,286
CHR16	3250589	CHR16:3250589	SSF x Far_LoA	-8,223	-0,026	0,306
CHR16	3250611	CHR16:3250611	SSF x Far_LoA	-10,698	0,046	0,291
CHR16	3250667	CHR16:3250667	SSF x Far_LoA	-7,552	-0,076	0,318
CHR16	3250747	CHR16:3250747	SSF x Far_LoA	-10,804	0,016	0,291
CHR16	3250935	CHR16:3250935	SSF x Far_LoA	-8,695	-0,011	0,286
CHR16	3269718	CHR16:3269718	SSF x Far_LoA	-9,075	0,091	0,282
CHR16	3300285	CHR16:3300285	SSF x Far_LoA	-7,723	-0,099	0,286
CHR16	3300459	CHR16:3300459	SSF x Far_LoA	-11,130	0,090	0,286
CHR16	3308155	CHR16:3308155	SSF x Far_LoA	-11,176	0,032	0,294
CHR16	3308242	CHR16:3308242	SSF x Far_LoA	-10,021	-0,079	0,296

CHR16	3322845	CHR16:3322845	SSF x Far_LoA	-9,449	0,016	0,280
CHR16	3352084	CHR16:3352084	SSF x Far_LoA	-8,434	0,001	0,298
CHR16	3352088	CHR16:3352088	SSF x Far_LoA	-9,596	-0,030	0,303
CHR16	3352164	CHR16:3352164	SSF x Far_LoA	-10,080	0,028	0,298
CHR16	3352166	CHR16:3352166	SSF x Far_LoA	-8,062	-0,001	0,293
CHR16	3352278	CHR16:3352278	SSF x Far_LoA	-10,497	-0,001	0,278
CHR16	3352291	CHR16:3352291	SSF x Far_LoA	-8,236	-0,149	0,290
CHR16	3352469	CHR16:3352469	SSF x Far_LoA	-7,171	-0,127	0,292
CHR16	3352478	CHR16:3352478	SSF x Far_LoA	0,484	0,045	0,307
CHR16	3373475	CHR16:3373475	SSF x Far_LoA	-9,429	0,029	0,289
CHR16	3373548	CHR16:3373548	SSF x Far_LoA	-8,288	0,151	0,285
CHR16	3373556	CHR16:3373556	SSF x Far_LoA	-9,868	0,160	0,285
CHR16	3373560	CHR16:3373560	SSF x Far_LoA	-7,872	0,180	0,287
CHR16	3373567	CHR16:3373567	SSF x Far_LoA	-8,136	-0,060	0,297
CHR16	3375598	CHR16:3375598	SSF x Far_LoA	-10,524	0,106	0,294
CHR16	3375690	CHR16:3375690	SSF x Far_LoA	-9,260	-0,013	0,283
CHR16	3375721	CHR16:3375721	SSF x Far_LoA	-9,198	-0,056	0,288
CHR16	3383026	CHR16:3383026	SSF x Far_LoA	-8,608	-0,067	0,295
CHR16	3383184	CHR16:3383184	SSF x Far_LoA	-10,736	0,138	0,281
CHR16	3383292	CHR16:3383292	SSF x Far_LoA	-8,682	-0,081	0,286
CHR16	338737	CHR16:338737	SSF x Far_LoA	-11,621	0,014	0,304
CHR16	3389639	CHR16:3389639	SSF x Far_LoA	-10,942	-0,036	0,299
CHR16	3389963	CHR16:3389963	SSF x Far_LoA	-6,725	-0,166	0,296
CHR16	3410028	CHR16:3410028	SSF x Far_LoA	-8,958	0,051	0,296
CHR16	3410038	CHR16:3410038	SSF x Far_LoA	-10,932	-0,026	0,297
CHR16	3412331	CHR16:3412331	SSF x Far_LoA	-11,006	0,067	0,296
CHR16	3412421	CHR16:3412421	SSF x Far_LoA	-12,178	-0,005	0,300
CHR16	3443338	CHR16:3443338	SSF x Far_LoA	-11,316	0,019	0,282
CHR16	3445922	CHR16:3445922	SSF x Far_LoA	-11,705	-0,016	0,298
CHR16	3445967	CHR16:3445967	SSF x Far_LoA	-9,743	-0,102	0,297
CHR16	3445994	CHR16:3445994	SSF x Far_LoA	-11,601	0,026	0,281
CHR16	3446035	CHR16:3446035	SSF x Far_LoA	-6,556	-0,170	0,287
CHR16	3446138	CHR16:3446138	SSF x Far_LoA	-5,896	0,089	0,307
CHR16	3446176	CHR16:3446176	SSF x Far_LoA	-0,945	0,071	0,301
CHR16	3446186	CHR16:3446186	SSF x Far_LoA	-7,105	0,087	0,291
CHR16	3446197	CHR16:3446197	SSF x Far_LoA	-8,770	0,101	0,307
CHR16	3446204	CHR16:3446204	SSF x Far_LoA	-6,863	0,093	0,287
CHR16	3446208	CHR16:3446208	SSF x Far_LoA	-6,171	-0,196	0,282
CHR16	3452837	CHR16:3452837	SSF x Far_LoA	-3,691	-0,097	0,298
CHR16	3452883	CHR16:3452883	SSF x Far_LoA	-8,943	-0,002	0,294
CHR16	345312	CHR16:345312	SSF x Far_LoA	-11,482	-0,034	0,280
CHR16	3456222	CHR16:3456222	SSF x Far_LoA	-7,758	0,092	0,296
CHR16	3456226	CHR16:3456226	SSF x Far_LoA	-2,429	-0,158	0,288
CHR16	3457709	CHR16:3457709	SSF x Far_LoA	-8,002	-0,083	0,291
CHR16	3461793	CHR16:3461793	SSF x Far_LoA	-10,817	-0,038	0,296
CHR16	3461927	CHR16:3461927	SSF x Far_LoA	-9,395	-0,141	0,292
CHR16	3469147	CHR16:3469147	SSF x Far_LoA	-11,125	-0,024	0,287
CHR16	3469375	CHR16:3469375	SSF x Far_LoA	-9,472	0,002	0,306
CHR16	3476213	CHR16:3476213	SSF x Far_LoA	-9,201	-0,064	0,296
CHR16	3476221	CHR16:3476221	SSF x Far_LoA	-8,831	-0,079	0,300
CHR16	3476231	CHR16:3476231	SSF x Far_LoA	-9,772	-0,054	0,294
CHR16	3480396	CHR16:3480396	SSF x Far_LoA	-9,633	0,014	0,279
CHR16	3489633	CHR16:3489633	SSF x Far_LoA	-7,742	-0,048	0,315

CHR16	3506075	CHR16:3506075	SSF x Far_LoA	-9,220	-0,079	0,279
CHR16	3517260	CHR16:3517260	SSF x Far_LoA	-8,421	-0,053	0,307
CHR16	353219	CHR16:353219	SSF x Far_LoA	-7,850	-0,168	0,281
CHR16	353220	CHR16:353220	SSF x Far_LoA	-6,968	-0,150	0,273
CHR16	353230	CHR16:353230	SSF x Far_LoA	-3,089	-0,133	0,296
CHR16	353234	CHR16:353234	SSF x Far_LoA	-10,714	-0,011	0,297
CHR16	3556754	CHR16:3556754	SSF x Far_LoA	-10,987	0,007	0,285
CHR16	3558017	CHR16:3558017	SSF x Far_LoA	-10,259	0,056	0,286
CHR16	3679816	CHR16:3679816	SSF x Far_LoA	-9,222	0,007	0,305
CHR16	368193	CHR16:368193	SSF x Far_LoA	-7,609	0,040	0,298
CHR16	3713644	CHR16:3713644	SSF x Far_LoA	-8,783	-0,002	0,292
CHR16	3713846	CHR16:3713846	SSF x Far_LoA	-9,517	0,161	0,284
CHR16	3720887	CHR16:3720887	SSF x Far_LoA	-8,665	-0,004	0,285
CHR16	3720896	CHR16:3720896	SSF x Far_LoA	-8,933	0,005	0,268
CHR16	3726709	CHR16:3726709	SSF x Far_LoA	-8,446	0,099	0,293
CHR16	3731236	CHR16:3731236	SSF x Far_LoA	-8,207	0,076	0,295
CHR16	3743499	CHR16:3743499	SSF x Far_LoA	-9,047	0,009	0,302
CHR16	3743506	CHR16:3743506	SSF x Far_LoA	-9,896	-0,086	0,280
CHR16	3752414	CHR16:3752414	SSF x Far_LoA	-9,590	0,014	0,298
CHR16	3752449	CHR16:3752449	SSF x Far_LoA	-9,267	0,096	0,291
CHR16	3752469	CHR16:3752469	SSF x Far_LoA	-9,767	-0,040	0,291
CHR16	3752538	CHR16:3752538	SSF x Far_LoA	-9,106	0,014	0,289
CHR16	3760811	CHR16:3760811	SSF x Far_LoA	-9,306	0,002	0,298
CHR16	3779246	CHR16:3779246	SSF x Far_LoA	-9,112	0,028	0,282
CHR16	3897348	CHR16:3897348	SSF x Far_LoA	-10,610	0,040	0,294
CHR16	3900397	CHR16:3900397	SSF x Far_LoA	-9,881	0,001	0,285
CHR16	3909532	CHR16:3909532	SSF x Far_LoA	-5,681	0,154	0,288
CHR16	3918619	CHR16:3918619	SSF x Far_LoA	-9,869	-0,021	0,300
CHR16	3918634	CHR16:3918634	SSF x Far_LoA	-9,016	0,082	0,290
CHR16	3934469	CHR16:3934469	SSF x Far_LoA	-6,168	-0,101	0,297
CHR16	3940084	CHR16:3940084	SSF x Far_LoA	-7,147	0,106	0,293
CHR16	3940130	CHR16:3940130	SSF x Far_LoA	-6,226	0,120	0,289
CHR16	3940174	CHR16:3940174	SSF x Far_LoA	-8,373	0,022	0,280
CHR16	3940179	CHR16:3940179	SSF x Far_LoA	-7,825	-0,053	0,291
CHR16	3946389	CHR16:3946389	SSF x Far_LoA	-11,112	0,009	0,285
CHR16	3946391	CHR16:3946391	SSF x Far_LoA	-10,072	0,074	0,288
CHR16	3946533	CHR16:3946533	SSF x Far_LoA	-2,339	-0,098	0,294
CHR16	3946542	CHR16:3946542	SSF x Far_LoA	-11,760	-0,079	0,277
CHR16	3954586	CHR16:3954586	SSF x Far_LoA	-10,522	-0,012	0,291
CHR16	3954712	CHR16:3954712	SSF x Far_LoA	-8,519	0,079	0,287
CHR16	3966580	CHR16:3966580	SSF x Far_LoA	-10,557	0,069	0,296
CHR16	3966599	CHR16:3966599	SSF x Far_LoA	-10,806	-0,008	0,280
CHR16	3966644	CHR16:3966644	SSF x Far_LoA	-11,384	0,055	0,293
CHR16	3966746	CHR16:3966746	SSF x Far_LoA	-5,899	0,019	0,295
CHR16	3994946	CHR16:3994946	SSF x Far_LoA	-9,867	-0,089	0,294
CHR16	3995039	CHR16:3995039	SSF x Far_LoA	-10,687	0,027	0,299
CHR16	4008667	CHR16:4008667	SSF x Far_LoA	-10,223	-0,034	0,271
CHR16	4008710	CHR16:4008710	SSF x Far_LoA	-9,048	0,033	0,286
CHR16	4027837	CHR16:4027837	SSF x Far_LoA	-10,397	0,025	0,298
CHR16	4027850	CHR16:4027850	SSF x Far_LoA	-8,139	0,072	0,287
CHR16	403166	CHR16:403166	SSF x Far_LoA	-9,663	0,012	0,307
CHR16	4042880	CHR16:4042880	SSF x Far_LoA	-5,449	0,070	0,292
CHR16	4042881	CHR16:4042881	SSF x Far_LoA	-7,812	-0,145	0,289

CHR16	4043056	CHR16:4043056	SSF x Far_LoA	-8,249	0,058	0,302
CHR16	4044515	CHR16:4044515	SSF x Far_LoA	-6,632	-0,096	0,295
CHR16	4049473	CHR16:4049473	SSF x Far_LoA	-11,026	0,017	0,296
CHR16	4049505	CHR16:4049505	SSF x Far_LoA	-10,986	-0,078	0,306
CHR16	4102051	CHR16:4102051	SSF x Far_LoA	-9,569	-0,068	0,282
CHR16	4102113	CHR16:4102113	SSF x Far_LoA	-11,550	0,061	0,283
CHR16	4102130	CHR16:4102130	SSF x Far_LoA	-10,074	-0,097	0,281
CHR16	4102200	CHR16:4102200	SSF x Far_LoA	-9,024	-0,079	0,288
CHR16	4103828	CHR16:4103828	SSF x Far_LoA	-8,982	0,110	0,295
CHR16	4103884	CHR16:4103884	SSF x Far_LoA	-9,102	0,021	0,295
CHR16	4103945	CHR16:4103945	SSF x Far_LoA	-9,859	0,021	0,280
CHR16	4109945	CHR16:4109945	SSF x Far_LoA	-10,932	0,111	0,309
CHR16	4109949	CHR16:4109949	SSF x Far_LoA	-8,506	-0,142	0,292
CHR16	4109952	CHR16:4109952	SSF x Far_LoA	-4,786	0,143	0,302
CHR16	4109955	CHR16:4109955	SSF x Far_LoA	-8,412	0,081	0,293
CHR16	4109993	CHR16:4109993	SSF x Far_LoA	-10,554	-0,046	0,279
CHR16	4110005	CHR16:4110005	SSF x Far_LoA	-8,013	0,238	0,274
CHR16	4110066	CHR16:4110066	SSF x Far_LoA	-9,046	0,101	0,300
CHR16	4110073	CHR16:4110073	SSF x Far_LoA	-7,900	0,069	0,300
CHR16	4110129	CHR16:4110129	SSF x Far_LoA	-8,701	-0,098	0,301
CHR16	4110163	CHR16:4110163	SSF x Far_LoA	-7,014	0,081	0,290
CHR16	4110188	CHR16:4110188	SSF x Far_LoA	-4,251	-0,128	0,291
CHR16	4125656	CHR16:4125656	SSF x Far_LoA	-9,857	0,029	0,285
CHR16	4125734	CHR16:4125734	SSF x Far_LoA	-10,546	0,085	0,281
CHR16	4135471	CHR16:4135471	SSF x Far_LoA	-9,731	0,063	0,282
CHR16	4135477	CHR16:4135477	SSF x Far_LoA	-9,732	0,033	0,284
CHR16	4135498	CHR16:4135498	SSF x Far_LoA	-9,581	0,024	0,287
CHR16	4135514	CHR16:4135514	SSF x Far_LoA	-7,147	0,005	0,282
CHR16	4135526	CHR16:4135526	SSF x Far_LoA	-10,941	-0,027	0,283
CHR16	4135530	CHR16:4135530	SSF x Far_LoA	-10,040	0,005	0,292
CHR16	4135586	CHR16:4135586	SSF x Far_LoA	-9,191	-0,032	0,293
CHR16	4135601	CHR16:4135601	SSF x Far_LoA	-9,504	0,085	0,283
CHR16	4135651	CHR16:4135651	SSF x Far_LoA	-6,819	-0,060	0,304
CHR16	4135660	CHR16:4135660	SSF x Far_LoA	-9,718	-0,051	0,292
CHR16	4135671	CHR16:4135671	SSF x Far_LoA	-10,302	0,053	0,297
CHR16	4142302	CHR16:4142302	SSF x Far_LoA	-5,061	-0,050	0,290
CHR16	4142371	CHR16:4142371	SSF x Far_LoA	-11,637	0,034	0,290
CHR16	4142383	CHR16:4142383	SSF x Far_LoA	-6,162	0,142	0,274
CHR16	4142476	CHR16:4142476	SSF x Far_LoA	-11,101	0,118	0,277
CHR16	4145604	CHR16:4145604	SSF x Far_LoA	-9,534	0,086	0,294
CHR16	4145707	CHR16:4145707	SSF x Far_LoA	-11,364	-0,009	0,302
CHR16	4145790	CHR16:4145790	SSF x Far_LoA	-10,995	0,018	0,296
CHR16	4149840	CHR16:4149840	SSF x Far_LoA	-8,993	0,144	0,285
CHR16	4169635	CHR16:4169635	SSF x Far_LoA	-10,204	-0,010	0,300
CHR16	4169670	CHR16:4169670	SSF x Far_LoA	-8,397	0,079	0,304
CHR16	4180062	CHR16:4180062	SSF x Far_LoA	-9,525	-0,013	0,289
CHR16	4183871	CHR16:4183871	SSF x Far_LoA	-9,436	-0,021	0,282
CHR16	4183988	CHR16:4183988	SSF x Far_LoA	-8,440	0,006	0,308
CHR16	4205508	CHR16:4205508	SSF x Far_LoA	-10,705	-0,038	0,282
CHR16	4205654	CHR16:4205654	SSF x Far_LoA	-8,488	-0,021	0,293
CHR16	4205666	CHR16:4205666	SSF x Far_LoA	-10,493	0,085	0,273
CHR16	4205701	CHR16:4205701	SSF x Far_LoA	-9,603	0,065	0,273
CHR16	4205748	CHR16:4205748	SSF x Far_LoA	-9,026	0,086	0,290

CHR16	420747	CHR16:420747	SSF x Far_LoA	-10,111	-0,021	0,297
CHR16	4211705	CHR16:4211705	SSF x Far_LoA	-8,972	0,014	0,287
CHR16	4216151	CHR16:4216151	SSF x Far_LoA	-9,354	0,084	0,270
CHR16	4252750	CHR16:4252750	SSF x Far_LoA	-10,932	0,064	0,282
CHR16	4253535	CHR16:4253535	SSF x Far_LoA	-8,546	0,016	0,308
CHR16	4253552	CHR16:4253552	SSF x Far_LoA	-9,625	-0,116	0,312
CHR16	4253553	CHR16:4253553	SSF x Far_LoA	-5,256	0,062	0,298
CHR16	4253555	CHR16:4253555	SSF x Far_LoA	-9,521	0,012	0,291
CHR16	4253584	CHR16:4253584	SSF x Far_LoA	-8,237	0,087	0,285
CHR16	4253622	CHR16:4253622	SSF x Far_LoA	-8,007	0,019	0,297
CHR16	4253623	CHR16:4253623	SSF x Far_LoA	-5,892	0,013	0,298
CHR16	4255441	CHR16:4255441	SSF x Far_LoA	-10,095	0,017	0,281
CHR16	4266429	CHR16:4266429	SSF x Far_LoA	-9,611	-0,014	0,288
CHR16	429321	CHR16:429321	SSF x Far_LoA	-9,333	-0,046	0,284
CHR16	429336	CHR16:429336	SSF x Far_LoA	-8,942	-0,033	0,296
CHR16	429471	CHR16:429471	SSF x Far_LoA	-10,725	0,013	0,317
CHR16	4317164	CHR16:4317164	SSF x Far_LoA	-6,511	-0,158	0,274
CHR16	4322079	CHR16:4322079	SSF x Far_LoA	-8,929	-0,029	0,286
CHR16	4324634	CHR16:4324634	SSF x Far_LoA	-10,881	-0,078	0,279
CHR16	4328520	CHR16:4328520	SSF x Far_LoA	-10,314	-0,012	0,295
CHR16	4328617	CHR16:4328617	SSF x Far_LoA	-8,391	0,081	0,289
CHR16	433047	CHR16:433047	SSF x Far_LoA	-8,402	-0,110	0,288
CHR16	433265	CHR16:433265	SSF x Far_LoA	-12,225	0,019	0,277
CHR16	4341977	CHR16:4341977	SSF x Far_LoA	-11,081	-0,024	0,287
CHR16	4341994	CHR16:4341994	SSF x Far_LoA	-10,674	0,078	0,299
CHR16	4342182	CHR16:4342182	SSF x Far_LoA	-5,542	-0,105	0,276
CHR16	4349643	CHR16:4349643	SSF x Far_LoA	-9,898	-0,074	0,297
CHR16	4349659	CHR16:4349659	SSF x Far_LoA	-8,541	0,005	0,294
CHR16	4349687	CHR16:4349687	SSF x Far_LoA	-6,770	-0,019	0,289
CHR16	4349794	CHR16:4349794	SSF x Far_LoA	-8,883	0,078	0,290
CHR16	4359214	CHR16:4359214	SSF x Far_LoA	-1,784	-0,138	0,302
CHR16	4374213	CHR16:4374213	SSF x Far_LoA	-9,847	-0,008	0,294
CHR16	4383724	CHR16:4383724	SSF x Far_LoA	-8,787	-0,070	0,285
CHR16	4383725	CHR16:4383725	SSF x Far_LoA	-7,561	-0,096	0,284
CHR16	4383747	CHR16:4383747	SSF x Far_LoA	-10,766	0,027	0,285
CHR16	4383780	CHR16:4383780	SSF x Far_LoA	-8,862	0,047	0,274
CHR16	4399836	CHR16:4399836	SSF x Far_LoA	-9,231	0,007	0,272
CHR16	4399837	CHR16:4399837	SSF x Far_LoA	-10,997	0,103	0,292
CHR16	4399899	CHR16:4399899	SSF x Far_LoA	-10,405	-0,022	0,302
CHR16	4399912	CHR16:4399912	SSF x Far_LoA	-11,052	0,056	0,290
CHR16	4399916	CHR16:4399916	SSF x Far_LoA	-9,048	0,006	0,288
CHR16	4399939	CHR16:4399939	SSF x Far_LoA	-6,401	-0,084	0,299
CHR16	4399942	CHR16:4399942	SSF x Far_LoA	-9,327	0,015	0,288
CHR16	4399985	CHR16:4399985	SSF x Far_LoA	-8,568	0,075	0,297
CHR16	4400142	CHR16:4400142	SSF x Far_LoA	-7,137	-0,053	0,302
CHR16	4400162	CHR16:4400162	SSF x Far_LoA	-8,969	-0,048	0,283
CHR16	4403814	CHR16:4403814	SSF x Far_LoA	-10,366	-0,043	0,264
CHR16	4405691	CHR16:4405691	SSF x Far_LoA	-10,585	-0,137	0,287
CHR16	4419322	CHR16:4419322	SSF x Far_LoA	-5,143	0,083	0,285
CHR16	4419473	CHR16:4419473	SSF x Far_LoA	-7,764	0,076	0,294
CHR16	4419510	CHR16:4419510	SSF x Far_LoA	-9,179	0,051	0,295
CHR16	4419517	CHR16:4419517	SSF x Far_LoA	-10,746	-0,077	0,301
CHR16	4420656	CHR16:4420656	SSF x Far_LoA	-9,208	-0,160	0,288

CHR16	4420657	CHR16:4420657	SSF x Far_LoA	-10,584	0,136	0,288
CHR16	4420664	CHR16:4420664	SSF x Far_LoA	-9,834	0,109	0,284
CHR16	4420713	CHR16:4420713	SSF x Far_LoA	-8,818	0,193	0,285
CHR16	4420780	CHR16:4420780	SSF x Far_LoA	-2,294	0,040	0,288
CHR16	4420862	CHR16:4420862	SSF x Far_LoA	-7,404	0,055	0,299
CHR16	4430697	CHR16:4430697	SSF x Far_LoA	-10,432	-0,025	0,288
CHR16	4432256	CHR16:4432256	SSF x Far_LoA	-6,852	0,107	0,290
CHR16	4432295	CHR16:4432295	SSF x Far_LoA	-9,025	-0,082	0,287
CHR16	4435101	CHR16:4435101	SSF x Far_LoA	-9,746	0,018	0,297
CHR16	4438578	CHR16:4438578	SSF x Far_LoA	-9,972	-0,042	0,300
CHR16	4438662	CHR16:4438662	SSF x Far_LoA	-10,035	-0,066	0,303
CHR16	4438739	CHR16:4438739	SSF x Far_LoA	-9,154	0,107	0,290
CHR16	4438763	CHR16:4438763	SSF x Far_LoA	-9,176	0,097	0,291
CHR16	4438796	CHR16:4438796	SSF x Far_LoA	-11,423	-0,009	0,292
CHR16	4438882	CHR16:4438882	SSF x Far_LoA	-12,019	0,046	0,284
CHR16	4438889	CHR16:4438889	SSF x Far_LoA	-9,909	-0,037	0,298
CHR16	4438903	CHR16:4438903	SSF x Far_LoA	-10,758	0,061	0,293
CHR16	4438916	CHR16:4438916	SSF x Far_LoA	-11,495	0,070	0,284
CHR16	4438937	CHR16:4438937	SSF x Far_LoA	-8,151	-0,137	0,300
CHR16	4438943	CHR16:4438943	SSF x Far_LoA	-7,642	-0,136	0,295
CHR16	4438960	CHR16:4438960	SSF x Far_LoA	-9,853	-0,120	0,300
CHR16	4438966	CHR16:4438966	SSF x Far_LoA	-8,992	-0,152	0,294
CHR16	444019	CHR16:444019	SSF x Far_LoA	-10,281	0,021	0,285
CHR16	444032	CHR16:444032	SSF x Far_LoA	-7,395	0,068	0,300
CHR16	444065	CHR16:444065	SSF x Far_LoA	-10,457	0,017	0,295
CHR16	444261	CHR16:444261	SSF x Far_LoA	-9,671	-0,058	0,282
CHR16	4443583	CHR16:4443583	SSF x Far_LoA	-8,558	-0,125	0,286
CHR16	4443669	CHR16:4443669	SSF x Far_LoA	-10,080	0,051	0,289
CHR16	444420	CHR16:444420	SSF x Far_LoA	-10,413	0,086	0,289
CHR16	444424	CHR16:444424	SSF x Far_LoA	-2,928	-0,114	0,291
CHR16	444436	CHR16:444436	SSF x Far_LoA	-11,461	0,055	0,284
CHR16	444477	CHR16:444477	SSF x Far_LoA	-11,017	0,028	0,292
CHR16	4453655	CHR16:4453655	SSF x Far_LoA	-3,233	0,080	0,299
CHR16	4453670	CHR16:4453670	SSF x Far_LoA	-9,671	0,048	0,272
CHR16	4453671	CHR16:4453671	SSF x Far_LoA	-8,302	-0,077	0,302
CHR16	4456497	CHR16:4456497	SSF x Far_LoA	-10,055	-0,169	0,289
CHR16	4456539	CHR16:4456539	SSF x Far_LoA	-10,166	-0,081	0,294
CHR16	4457440	CHR16:4457440	SSF x Far_LoA	-7,458	-0,091	0,300
CHR16	4462988	CHR16:4462988	SSF x Far_LoA	-11,117	0,028	0,310
CHR16	4463003	CHR16:4463003	SSF x Far_LoA	-9,267	0,003	0,285
CHR16	4463053	CHR16:4463053	SSF x Far_LoA	-4,887	-0,101	0,277
CHR16	4463079	CHR16:4463079	SSF x Far_LoA	-8,512	0,148	0,289
CHR16	4463156	CHR16:4463156	SSF x Far_LoA	-6,005	-0,102	0,290
CHR16	4463282	CHR16:4463282	SSF x Far_LoA	-10,785	0,042	0,277
CHR16	4488428	CHR16:4488428	SSF x Far_LoA	-5,453	0,188	0,266
CHR16	4488468	CHR16:4488468	SSF x Far_LoA	-10,532	0,001	0,274
CHR16	4488476	CHR16:4488476	SSF x Far_LoA	-7,828	-0,049	0,286
CHR16	4491688	CHR16:4491688	SSF x Far_LoA	-7,935	0,065	0,293
CHR16	4491708	CHR16:4491708	SSF x Far_LoA	-10,458	0,064	0,288
CHR16	4491709	CHR16:4491709	SSF x Far_LoA	-8,886	0,097	0,287
CHR16	4491712	CHR16:4491712	SSF x Far_LoA	-10,207	0,024	0,281
CHR16	4499996	CHR16:4499996	SSF x Far_LoA	-9,794	-0,007	0,303
CHR16	4500009	CHR16:4500009	SSF x Far_LoA	-7,798	0,173	0,279

CHR16	4500012	CHR16:4500012	SSF x Far_LoA	-7,521	0,148	0,285
CHR16	4500017	CHR16:4500017	SSF x Far_LoA	-5,972	-0,116	0,290
CHR16	4500044	CHR16:4500044	SSF x Far_LoA	-8,874	0,057	0,289
CHR16	4500055	CHR16:4500055	SSF x Far_LoA	-8,180	-0,035	0,288
CHR16	4500057	CHR16:4500057	SSF x Far_LoA	-8,195	-0,083	0,302
CHR16	4500064	CHR16:4500064	SSF x Far_LoA	-7,684	-0,040	0,295
CHR16	4500105	CHR16:4500105	SSF x Far_LoA	-7,573	0,006	0,292
CHR16	4500113	CHR16:4500113	SSF x Far_LoA	-8,219	0,100	0,302
CHR16	4500124	CHR16:4500124	SSF x Far_LoA	-4,522	0,069	0,294
CHR16	4500126	CHR16:4500126	SSF x Far_LoA	-10,355	-0,058	0,290
CHR16	4500229	CHR16:4500229	SSF x Far_LoA	-10,662	-0,006	0,276
CHR16	4500236	CHR16:4500236	SSF x Far_LoA	-4,615	0,211	0,288
CHR16	4500255	CHR16:4500255	SSF x Far_LoA	-6,681	0,209	0,259
CHR16	4503491	CHR16:4503491	SSF x Far_LoA	-11,514	-0,054	0,289
CHR16	4503515	CHR16:4503515	SSF x Far_LoA	-11,303	0,051	0,292
CHR16	4503519	CHR16:4503519	SSF x Far_LoA	-7,949	0,030	0,287
CHR16	4503575	CHR16:4503575	SSF x Far_LoA	-6,511	0,131	0,275
CHR16	4503596	CHR16:4503596	SSF x Far_LoA	-10,388	-0,008	0,289
CHR16	4503621	CHR16:4503621	SSF x Far_LoA	-9,772	0,035	0,299
CHR16	4503727	CHR16:4503727	SSF x Far_LoA	-5,568	0,021	0,299
CHR16	4503735	CHR16:4503735	SSF x Far_LoA	-6,078	0,133	0,288
CHR16	4503741	CHR16:4503741	SSF x Far_LoA	-8,516	-0,155	0,279
CHR16	4505377	CHR16:4505377	SSF x Far_LoA	-9,159	-0,072	0,299
CHR16	4505442	CHR16:4505442	SSF x Far_LoA	-7,320	0,202	0,273
CHR16	4505477	CHR16:4505477	SSF x Far_LoA	-11,121	-0,047	0,293
CHR16	4505497	CHR16:4505497	SSF x Far_LoA	-9,776	-0,062	0,288
CHR16	4513246	CHR16:4513246	SSF x Far_LoA	-8,029	0,082	0,283
CHR16	4532092	CHR16:4532092	SSF x Far_LoA	-11,654	-0,015	0,283
CHR16	4532127	CHR16:4532127	SSF x Far_LoA	-7,816	-0,090	0,300
CHR16	4532168	CHR16:4532168	SSF x Far_LoA	-11,851	-0,040	0,290
CHR16	4533436	CHR16:4533436	SSF x Far_LoA	-8,763	-0,016	0,290
CHR16	4533450	CHR16:4533450	SSF x Far_LoA	-9,854	0,159	0,291
CHR16	4533456	CHR16:4533456	SSF x Far_LoA	-0,685	0,094	0,300
CHR16	4534130	CHR16:4534130	SSF x Far_LoA	-10,458	-0,023	0,288
CHR16	4534133	CHR16:4534133	SSF x Far_LoA	-10,652	0,069	0,297
CHR16	4534136	CHR16:4534136	SSF x Far_LoA	-10,899	0,018	0,272
CHR16	4534140	CHR16:4534140	SSF x Far_LoA	-9,233	0,090	0,286
CHR16	4534201	CHR16:4534201	SSF x Far_LoA	-8,615	-0,009	0,303
CHR16	453556	CHR16:453556	SSF x Far_LoA	-8,026	-0,024	0,295
CHR16	453585	CHR16:453585	SSF x Far_LoA	-4,799	-0,083	0,293
CHR16	453760	CHR16:453760	SSF x Far_LoA	-10,783	0,046	0,279
CHR16	4558200	CHR16:4558200	SSF x Far_LoA	-7,472	0,118	0,295
CHR16	4558202	CHR16:4558202	SSF x Far_LoA	-7,968	0,065	0,292
CHR16	4558245	CHR16:4558245	SSF x Far_LoA	-8,672	0,093	0,298
CHR16	4558316	CHR16:4558316	SSF x Far_LoA	-9,357	0,071	0,309
CHR16	4558360	CHR16:4558360	SSF x Far_LoA	-10,145	0,115	0,286
CHR16	4565105	CHR16:4565105	SSF x Far_LoA	-6,911	-0,173	0,260
CHR16	4570563	CHR16:4570563	SSF x Far_LoA	-3,858	-0,229	0,281
CHR16	4570791	CHR16:4570791	SSF x Far_LoA	-1,759	0,216	0,274
CHR16	4570810	CHR16:4570810	SSF x Far_LoA	-4,548	0,199	0,282
CHR16	4570822	CHR16:4570822	SSF x Far_LoA	-1,618	-0,076	0,299
CHR16	4570826	CHR16:4570826	SSF x Far_LoA	-6,064	0,188	0,291
CHR16	4586089	CHR16:4586089	SSF x Far_LoA	-8,966	0,073	0,274

CHR16	4586093	CHR16:4586093	SSF x Far_LoA	-8,881	-0,010	0,275
CHR16	4586100	CHR16:4586100	SSF x Far_LoA	-9,317	-0,071	0,273
CHR16	4586104	CHR16:4586104	SSF x Far_LoA	-9,336	-0,073	0,278
CHR16	4586141	CHR16:4586141	SSF x Far_LoA	-9,245	-0,063	0,284
CHR16	4589998	CHR16:4589998	SSF x Far_LoA	-9,559	-0,019	0,293
CHR16	4590128	CHR16:4590128	SSF x Far_LoA	-8,770	0,128	0,293
CHR16	4590462	CHR16:4590462	SSF x Far_LoA	-9,032	-0,086	0,290
CHR16	4590483	CHR16:4590483	SSF x Far_LoA	-9,437	0,053	0,284
CHR16	4590509	CHR16:4590509	SSF x Far_LoA	-8,991	0,021	0,298
CHR16	4590531	CHR16:4590531	SSF x Far_LoA	-9,034	0,001	0,294
CHR16	4590542	CHR16:4590542	SSF x Far_LoA	-8,739	-0,011	0,290
CHR16	4590569	CHR16:4590569	SSF x Far_LoA	-9,050	-0,071	0,292
CHR16	4592330	CHR16:4592330	SSF x Far_LoA	-8,188	-0,072	0,292
CHR16	461127	CHR16:461127	SSF x Far_LoA	-11,778	-0,017	0,287
CHR16	4622949	CHR16:4622949	SSF x Far_LoA	-8,619	-0,151	0,282
CHR16	4622979	CHR16:4622979	SSF x Far_LoA	-9,746	-0,147	0,273
CHR16	4623991	CHR16:4623991	SSF x Far_LoA	-9,371	0,026	0,274
CHR16	4624002	CHR16:4624002	SSF x Far_LoA	-7,453	-0,108	0,293
CHR16	4624055	CHR16:4624055	SSF x Far_LoA	-11,413	0,034	0,293
CHR16	4632858	CHR16:4632858	SSF x Far_LoA	-8,862	-0,020	0,293
CHR16	4632939	CHR16:4632939	SSF x Far_LoA	-9,957	-0,022	0,279
CHR16	4637804	CHR16:4637804	SSF x Far_LoA	-9,300	0,023	0,294
CHR16	4645027	CHR16:4645027	SSF x Far_LoA	-10,163	0,006	0,296
CHR16	4649772	CHR16:4649772	SSF x Far_LoA	-12,336	0,027	0,286
CHR16	4649851	CHR16:4649851	SSF x Far_LoA	-11,145	-0,026	0,302
CHR16	4649927	CHR16:4649927	SSF x Far_LoA	-8,644	0,037	0,291
CHR16	4651241	CHR16:4651241	SSF x Far_LoA	-5,133	-0,011	0,298
CHR16	4652382	CHR16:4652382	SSF x Far_LoA	-9,646	0,011	0,297
CHR16	4674159	CHR16:4674159	SSF x Far_LoA	-9,234	0,084	0,277
CHR16	4698079	CHR16:4698079	SSF x Far_LoA	-6,064	0,082	0,294
CHR16	4721865	CHR16:4721865	SSF x Far_LoA	-9,151	0,061	0,298
CHR16	4745149	CHR16:4745149	SSF x Far_LoA	-8,282	0,007	0,282
CHR16	4750460	CHR16:4750460	SSF x Far_LoA	-7,429	0,033	0,298
CHR16	4750544	CHR16:4750544	SSF x Far_LoA	-8,857	-0,039	0,301
CHR16	4750595	CHR16:4750595	SSF x Far_LoA	-5,247	-0,048	0,291
CHR16	4750631	CHR16:4750631	SSF x Far_LoA	-10,749	-0,059	0,290
CHR16	4750661	CHR16:4750661	SSF x Far_LoA	-10,659	-0,034	0,287
CHR16	4750663	CHR16:4750663	SSF x Far_LoA	-8,717	0,022	0,294
CHR16	4750704	CHR16:4750704	SSF x Far_LoA	-5,994	-0,028	0,307
CHR16	4750777	CHR16:4750777	SSF x Far_LoA	-8,462	0,104	0,297
CHR16	4750888	CHR16:4750888	SSF x Far_LoA	-7,890	-0,146	0,279
CHR16	4756231	CHR16:4756231	SSF x Far_LoA	-8,915	-0,064	0,279
CHR16	4756351	CHR16:4756351	SSF x Far_LoA	-6,601	0,064	0,282
CHR16	4756361	CHR16:4756361	SSF x Far_LoA	-9,559	-0,005	0,272
CHR16	4756385	CHR16:4756385	SSF x Far_LoA	-9,491	-0,005	0,288
CHR16	4756479	CHR16:4756479	SSF x Far_LoA	-5,634	0,022	0,289
CHR16	4756555	CHR16:4756555	SSF x Far_LoA	-2,023	-0,193	0,272
CHR16	4756599	CHR16:4756599	SSF x Far_LoA	-10,002	-0,012	0,294
CHR16	4764634	CHR16:4764634	SSF x Far_LoA	-12,053	0,017	0,279
CHR16	4764994	CHR16:4764994	SSF x Far_LoA	0,827	-0,118	0,298
CHR16	4765029	CHR16:4765029	SSF x Far_LoA	-8,970	-0,074	0,288
CHR16	4767778	CHR16:4767778	SSF x Far_LoA	-9,243	-0,078	0,294
CHR16	4767795	CHR16:4767795	SSF x Far_LoA	-6,336	-0,146	0,304

CHR16	4767799	CHR16:4767799	SSF x Far_LoA	-6,865	0,027	0,290
CHR16	4767831	CHR16:4767831	SSF x Far_LoA	-8,778	0,013	0,292
CHR16	4767852	CHR16:4767852	SSF x Far_LoA	-3,623	-0,105	0,297
CHR16	4767880	CHR16:4767880	SSF x Far_LoA	-8,432	-0,058	0,286
CHR16	4767942	CHR16:4767942	SSF x Far_LoA	-8,804	-0,024	0,305
CHR16	4767972	CHR16:4767972	SSF x Far_LoA	-10,119	-0,059	0,293
CHR16	4767973	CHR16:4767973	SSF x Far_LoA	-9,856	-0,072	0,286
CHR16	4767984	CHR16:4767984	SSF x Far_LoA	-10,705	0,112	0,291
CHR16	4767989	CHR16:4767989	SSF x Far_LoA	-11,513	-0,021	0,287
CHR16	4768035	CHR16:4768035	SSF x Far_LoA	-7,097	-0,073	0,299
CHR16	4775951	CHR16:4775951	SSF x Far_LoA	-2,255	0,238	0,266
CHR16	4776137	CHR16:4776137	SSF x Far_LoA	-11,655	-0,019	0,267
CHR16	4783415	CHR16:4783415	SSF x Far_LoA	-7,304	-0,080	0,276
CHR16	4783609	CHR16:4783609	SSF x Far_LoA	-9,810	0,016	0,265
CHR16	4783628	CHR16:4783628	SSF x Far_LoA	-9,299	-0,007	0,288
CHR16	4783630	CHR16:4783630	SSF x Far_LoA	-8,965	-0,011	0,297
CHR16	4785174	CHR16:4785174	SSF x Far_LoA	-10,055	0,029	0,302
CHR16	4785270	CHR16:4785270	SSF x Far_LoA	-2,029	0,211	0,278
CHR16	4808211	CHR16:4808211	SSF x Far_LoA	-7,408	-0,103	0,294
CHR16	4808383	CHR16:4808383	SSF x Far_LoA	-7,662	-0,109	0,291
CHR16	4813021	CHR16:4813021	SSF x Far_LoA	-10,443	0,063	0,277
CHR16	4813035	CHR16:4813035	SSF x Far_LoA	-9,483	0,097	0,275
CHR16	4813049	CHR16:4813049	SSF x Far_LoA	-10,332	0,006	0,293
CHR16	4813086	CHR16:4813086	SSF x Far_LoA	-9,228	0,049	0,281
CHR16	4813107	CHR16:4813107	SSF x Far_LoA	-10,697	0,053	0,278
CHR16	4816575	CHR16:4816575	SSF x Far_LoA	-4,541	-0,208	0,283
CHR16	4816658	CHR16:4816658	SSF x Far_LoA	-10,603	-0,056	0,288
CHR16	4816682	CHR16:4816682	SSF x Far_LoA	-10,989	-0,038	0,302
CHR16	4816702	CHR16:4816702	SSF x Far_LoA	-10,596	-0,044	0,290
CHR16	4820306	CHR16:4820306	SSF x Far_LoA	-9,023	-0,016	0,277
CHR16	4833381	CHR16:4833381	SSF x Far_LoA	-7,191	0,110	0,293
CHR16	4833424	CHR16:4833424	SSF x Far_LoA	-1,388	0,169	0,273
CHR16	4833443	CHR16:4833443	SSF x Far_LoA	-6,936	0,142	0,295
CHR16	4833578	CHR16:4833578	SSF x Far_LoA	-10,195	0,056	0,302
CHR16	4842591	CHR16:4842591	SSF x Far_LoA	-11,899	0,016	0,287
CHR16	4842597	CHR16:4842597	SSF x Far_LoA	-11,067	0,024	0,288
CHR16	4842601	CHR16:4842601	SSF x Far_LoA	-10,740	0,036	0,289
CHR16	4842638	CHR16:4842638	SSF x Far_LoA	-9,909	0,113	0,269
CHR16	4842888	CHR16:4842888	SSF x Far_LoA	-10,406	-0,043	0,293
CHR16	4852274	CHR16:4852274	SSF x Far_LoA	-9,764	0,054	0,284
CHR16	4852322	CHR16:4852322	SSF x Far_LoA	-7,546	0,087	0,284
CHR16	4852424	CHR16:4852424	SSF x Far_LoA	-10,285	0,086	0,275
CHR16	4852438	CHR16:4852438	SSF x Far_LoA	-9,236	-0,045	0,276
CHR16	4852456	CHR16:4852456	SSF x Far_LoA	-8,466	-0,117	0,284
CHR16	4852459	CHR16:4852459	SSF x Far_LoA	-5,361	-0,192	0,291
CHR16	4857420	CHR16:4857420	SSF x Far_LoA	-10,201	0,040	0,309
CHR16	4857432	CHR16:4857432	SSF x Far_LoA	-8,459	-0,085	0,269
CHR16	4857463	CHR16:4857463	SSF x Far_LoA	-8,954	0,024	0,287
CHR16	4857491	CHR16:4857491	SSF x Far_LoA	-9,767	-0,093	0,281
CHR16	4857595	CHR16:4857595	SSF x Far_LoA	-9,475	-0,055	0,281
CHR16	4857606	CHR16:4857606	SSF x Far_LoA	-8,501	-0,046	0,280
CHR16	4857609	CHR16:4857609	SSF x Far_LoA	-8,831	-0,071	0,297
CHR16	4864060	CHR16:4864060	SSF x Far_LoA	-11,428	0,006	0,296

CHR16	4867486	CHR16:4867486	SSF x Far_LoA	-11,176	-0,023	0,285
CHR16	4867495	CHR16:4867495	SSF x Far_LoA	-11,884	-0,007	0,288
CHR16	4867506	CHR16:4867506	SSF x Far_LoA	1,091	-0,176	0,271
CHR16	4869331	CHR16:4869331	SSF x Far_LoA	-10,272	-0,072	0,280
CHR16	4869337	CHR16:4869337	SSF x Far_LoA	-8,928	-0,135	0,291
CHR16	4871774	CHR16:4871774	SSF x Far_LoA	-8,035	0,137	0,287
CHR16	4892994	CHR16:4892994	SSF x Far_LoA	-10,438	-0,045	0,270
CHR16	4893101	CHR16:4893101	SSF x Far_LoA	-12,054	0,084	0,276
CHR16	4911924	CHR16:4911924	SSF x Far_LoA	-8,871	0,042	0,303
CHR16	491737	CHR16:491737	SSF x Far_LoA	-11,463	-0,017	0,286
CHR16	491751	CHR16:491751	SSF x Far_LoA	-8,316	0,013	0,305
CHR16	491753	CHR16:491753	SSF x Far_LoA	-8,951	0,030	0,277
CHR16	491768	CHR16:491768	SSF x Far_LoA	-11,106	0,019	0,288
CHR16	4923188	CHR16:4923188	SSF x Far_LoA	-11,201	-0,005	0,289
CHR16	4929329	CHR16:4929329	SSF x Far_LoA	-9,538	0,000	0,310
CHR16	4930255	CHR16:4930255	SSF x Far_LoA	-11,648	0,012	0,291
CHR16	4933517	CHR16:4933517	SSF x Far_LoA	-8,500	0,077	0,279
CHR16	493674	CHR16:493674	SSF x Far_LoA	-10,827	-0,058	0,285
CHR16	4950382	CHR16:4950382	SSF x Far_LoA	-9,877	-0,117	0,291
CHR16	4950444	CHR16:4950444	SSF x Far_LoA	-6,862	0,163	0,284
CHR16	4955105	CHR16:4955105	SSF x Far_LoA	-9,251	0,013	0,291
CHR16	4955142	CHR16:4955142	SSF x Far_LoA	-9,203	-0,165	0,289
CHR16	4955146	CHR16:4955146	SSF x Far_LoA	-9,210	-0,126	0,305
CHR16	4957145	CHR16:4957145	SSF x Far_LoA	-11,218	0,113	0,288
CHR16	4969291	CHR16:4969291	SSF x Far_LoA	-8,250	0,005	0,303
CHR16	497767	CHR16:497767	SSF x Far_LoA	-11,139	0,027	0,274
CHR16	497781	CHR16:497781	SSF x Far_LoA	-10,246	0,016	0,299
CHR16	4987701	CHR16:4987701	SSF x Far_LoA	-10,163	-0,020	0,308
CHR16	5051998	CHR16:5051998	SSF x Far_LoA	-10,459	0,071	0,286
CHR16	5058908	CHR16:5058908	SSF x Far_LoA	-7,155	-0,054	0,294
CHR16	5077800	CHR16:5077800	SSF x Far_LoA	-8,668	-0,076	0,296
CHR16	5098754	CHR16:5098754	SSF x Far_LoA	-9,717	-0,011	0,302
CHR16	5118058	CHR16:5118058	SSF x Far_LoA	-8,957	-0,011	0,293
CHR16	5128874	CHR16:5128874	SSF x Far_LoA	-10,918	-0,072	0,269
CHR16	5128948	CHR16:5128948	SSF x Far_LoA	-5,368	-0,082	0,291
CHR16	5129028	CHR16:5129028	SSF x Far_LoA	-7,546	0,007	0,281
CHR16	5129037	CHR16:5129037	SSF x Far_LoA	-5,978	-0,190	0,283
CHR16	5129072	CHR16:5129072	SSF x Far_LoA	-9,884	0,071	0,273
CHR16	5129075	CHR16:5129075	SSF x Far_LoA	-4,043	-0,159	0,292
CHR16	5141593	CHR16:5141593	SSF x Far_LoA	-10,349	-0,095	0,296
CHR16	5141626	CHR16:5141626	SSF x Far_LoA	-9,976	0,194	0,274
CHR16	5141716	CHR16:5141716	SSF x Far_LoA	-10,226	-0,055	0,287
CHR16	5152727	CHR16:5152727	SSF x Far_LoA	-8,389	0,002	0,295
CHR16	5166681	CHR16:5166681	SSF x Far_LoA	-9,473	-0,032	0,296
CHR16	5166781	CHR16:5166781	SSF x Far_LoA	-9,729	-0,104	0,298
CHR16	5166858	CHR16:5166858	SSF x Far_LoA	-7,433	0,123	0,284
CHR16	5178669	CHR16:5178669	SSF x Far_LoA	-9,460	-0,023	0,285
CHR16	5178695	CHR16:5178695	SSF x Far_LoA	-7,485	-0,146	0,299
CHR16	5183077	CHR16:5183077	SSF x Far_LoA	-6,266	0,112	0,278
CHR16	5183379	CHR16:5183379	SSF x Far_LoA	-8,692	-0,068	0,313
CHR16	5185581	CHR16:5185581	SSF x Far_LoA	-5,726	-0,128	0,299
CHR16	5185584	CHR16:5185584	SSF x Far_LoA	-11,263	0,014	0,289
CHR16	5190409	CHR16:5190409	SSF x Far_LoA	-9,365	0,006	0,290

CHR16	5190559	CHR16:5190559	SSF x Far_LoA	-6,921	0,000	0,288
CHR16	5190681	CHR16:5190681	SSF x Far_LoA	-5,844	-0,202	0,273
CHR16	5197027	CHR16:5197027	SSF x Far_LoA	-8,089	0,091	0,287
CHR16	5197042	CHR16:5197042	SSF x Far_LoA	-9,638	0,014	0,295
CHR16	5197062	CHR16:5197062	SSF x Far_LoA	-5,346	-0,200	0,303
CHR16	5197075	CHR16:5197075	SSF x Far_LoA	-8,725	-0,006	0,308
CHR16	5197087	CHR16:5197087	SSF x Far_LoA	-5,494	-0,141	0,296
CHR16	5197112	CHR16:5197112	SSF x Far_LoA	-6,776	0,195	0,291
CHR16	5197132	CHR16:5197132	SSF x Far_LoA	-9,252	0,007	0,282
CHR16	5197135	CHR16:5197135	SSF x Far_LoA	-10,722	0,063	0,286
CHR16	5197170	CHR16:5197170	SSF x Far_LoA	-8,753	0,073	0,286
CHR16	5209954	CHR16:5209954	SSF x Far_LoA	-11,623	0,049	0,290
CHR16	521835	CHR16:521835	SSF x Far_LoA	-10,389	0,158	0,294
CHR16	521904	CHR16:521904	SSF x Far_LoA	-4,685	-0,115	0,286
CHR16	5220764	CHR16:5220764	SSF x Far_LoA	-9,186	-0,075	0,274
CHR16	5221527	CHR16:5221527	SSF x Far_LoA	-10,373	0,042	0,297
CHR16	5221555	CHR16:5221555	SSF x Far_LoA	-10,435	0,014	0,300
CHR16	5221611	CHR16:5221611	SSF x Far_LoA	-7,991	-0,015	0,288
CHR16	5221625	CHR16:5221625	SSF x Far_LoA	-7,440	-0,173	0,284
CHR16	5221677	CHR16:5221677	SSF x Far_LoA	-3,049	-0,065	0,308
CHR16	5221690	CHR16:5221690	SSF x Far_LoA	-10,504	-0,021	0,285
CHR16	5221726	CHR16:5221726	SSF x Far_LoA	-9,235	0,084	0,291
CHR16	5225180	CHR16:5225180	SSF x Far_LoA	-0,151	0,016	0,299
CHR16	5225187	CHR16:5225187	SSF x Far_LoA	-9,062	0,007	0,306
CHR16	5225293	CHR16:5225293	SSF x Far_LoA	-9,134	-0,145	0,269
CHR16	5225541	CHR16:5225541	SSF x Far_LoA	-9,978	0,131	0,290
CHR16	5230570	CHR16:5230570	SSF x Far_LoA	-9,607	-0,068	0,294
CHR16	5230617	CHR16:5230617	SSF x Far_LoA	-8,085	-0,139	0,294
CHR16	5235654	CHR16:5235654	SSF x Far_LoA	-11,032	0,027	0,290
CHR16	5235702	CHR16:5235702	SSF x Far_LoA	-10,329	-0,013	0,292
CHR16	5235884	CHR16:5235884	SSF x Far_LoA	-10,230	-0,045	0,279
CHR16	5235893	CHR16:5235893	SSF x Far_LoA	-9,512	0,038	0,294
CHR16	5235909	CHR16:5235909	SSF x Far_LoA	-8,161	0,056	0,300
CHR16	5246898	CHR16:5246898	SSF x Far_LoA	-7,816	-0,101	0,276
CHR16	5246911	CHR16:5246911	SSF x Far_LoA	-8,748	-0,058	0,272
CHR16	5246919	CHR16:5246919	SSF x Far_LoA	-8,644	-0,101	0,292
CHR16	5247064	CHR16:5247064	SSF x Far_LoA	-9,250	-0,099	0,276
CHR16	5256668	CHR16:5256668	SSF x Far_LoA	-10,411	-0,058	0,273
CHR16	5256692	CHR16:5256692	SSF x Far_LoA	-10,734	0,038	0,294
CHR16	5256701	CHR16:5256701	SSF x Far_LoA	-8,844	-0,061	0,277
CHR16	5256743	CHR16:5256743	SSF x Far_LoA	-8,569	-0,067	0,279
CHR16	5257757	CHR16:5257757	SSF x Far_LoA	-6,987	0,037	0,304
CHR16	5257779	CHR16:5257779	SSF x Far_LoA	-5,062	-0,096	0,304
CHR16	5257797	CHR16:5257797	SSF x Far_LoA	-9,768	0,023	0,301
CHR16	5257823	CHR16:5257823	SSF x Far_LoA	-8,265	0,077	0,285
CHR16	5257939	CHR16:5257939	SSF x Far_LoA	-7,933	0,098	0,281
CHR16	5257999	CHR16:5257999	SSF x Far_LoA	-8,307	0,110	0,295
CHR16	5258008	CHR16:5258008	SSF x Far_LoA	-9,488	0,007	0,292
CHR16	527145	CHR16:527145	SSF x Far_LoA	-9,740	-0,065	0,296
CHR16	527251	CHR16:527251	SSF x Far_LoA	-8,598	0,014	0,297
CHR16	527296	CHR16:527296	SSF x Far_LoA	-6,632	-0,024	0,293
CHR16	527316	CHR16:527316	SSF x Far_LoA	-10,124	0,126	0,286
CHR16	527476	CHR16:527476	SSF x Far_LoA	-10,223	0,074	0,272

CHR16	527540	CHR16:527540	SSF x Far_LoA	-10,504	0,041	0,296
CHR16	5288839	CHR16:5288839	SSF x Far_LoA	-10,265	0,045	0,295
CHR16	5288859	CHR16:5288859	SSF x Far_LoA	-8,293	-0,056	0,303
CHR16	5288933	CHR16:5288933	SSF x Far_LoA	-7,804	-0,117	0,297
CHR16	5294128	CHR16:5294128	SSF x Far_LoA	-11,060	0,003	0,292
CHR16	5299520	CHR16:5299520	SSF x Far_LoA	-8,679	-0,141	0,278
CHR16	5299538	CHR16:5299538	SSF x Far_LoA	-1,647	-0,219	0,271
CHR16	5299539	CHR16:5299539	SSF x Far_LoA	-4,406	-0,214	0,266
CHR16	5299581	CHR16:5299581	SSF x Far_LoA	-10,539	0,087	0,290
CHR16	5299590	CHR16:5299590	SSF x Far_LoA	-10,482	-0,006	0,292
CHR16	5299593	CHR16:5299593	SSF x Far_LoA	-0,292	-0,112	0,280
CHR16	5299594	CHR16:5299594	SSF x Far_LoA	-7,453	0,093	0,291
CHR16	5299595	CHR16:5299595	SSF x Far_LoA	-5,453	-0,157	0,281
CHR16	5299596	CHR16:5299596	SSF x Far_LoA	-7,222	0,105	0,300
CHR16	5299600	CHR16:5299600	SSF x Far_LoA	-4,198	-0,181	0,274
CHR16	5299619	CHR16:5299619	SSF x Far_LoA	-8,987	0,085	0,294
CHR16	530337	CHR16:530337	SSF x Far_LoA	-9,078	0,036	0,293
CHR16	5303559	CHR16:5303559	SSF x Far_LoA	-6,040	0,094	0,286
CHR16	5303649	CHR16:5303649	SSF x Far_LoA	-10,410	-0,010	0,290
CHR16	5303653	CHR16:5303653	SSF x Far_LoA	-10,094	-0,022	0,285
CHR16	5303714	CHR16:5303714	SSF x Far_LoA	-8,889	-0,044	0,290
CHR16	5303731	CHR16:5303731	SSF x Far_LoA	-8,601	0,046	0,289
CHR16	5303758	CHR16:5303758	SSF x Far_LoA	-9,004	0,072	0,295
CHR16	5303763	CHR16:5303763	SSF x Far_LoA	-11,428	-0,025	0,276
CHR16	5303769	CHR16:5303769	SSF x Far_LoA	-7,787	0,049	0,296
CHR16	5303850	CHR16:5303850	SSF x Far_LoA	-8,635	0,005	0,299
CHR16	530432	CHR16:530432	SSF x Far_LoA	-10,935	0,080	0,289
CHR16	5309700	CHR16:5309700	SSF x Far_LoA	-9,917	0,070	0,289
CHR16	5309788	CHR16:5309788	SSF x Far_LoA	-9,765	-0,012	0,291
CHR16	5309805	CHR16:5309805	SSF x Far_LoA	-10,429	0,032	0,280
CHR16	5309829	CHR16:5309829	SSF x Far_LoA	-8,892	0,036	0,290
CHR16	5309856	CHR16:5309856	SSF x Far_LoA	-5,490	-0,001	0,293
CHR16	5309924	CHR16:5309924	SSF x Far_LoA	-7,432	-0,015	0,297
CHR16	5309958	CHR16:5309958	SSF x Far_LoA	-7,934	-0,002	0,298
CHR16	5317408	CHR16:5317408	SSF x Far_LoA	-6,231	-0,057	0,294
CHR16	5322607	CHR16:5322607	SSF x Far_LoA	-8,805	-0,001	0,297
CHR16	5322610	CHR16:5322610	SSF x Far_LoA	-9,144	-0,011	0,293
CHR16	5322621	CHR16:5322621	SSF x Far_LoA	-9,026	-0,012	0,295
CHR16	5322624	CHR16:5322624	SSF x Far_LoA	-8,988	0,095	0,272
CHR16	533148	CHR16:533148	SSF x Far_LoA	-8,643	-0,002	0,301
CHR16	5333241	CHR16:5333241	SSF x Far_LoA	-6,297	0,136	0,269
CHR16	5346963	CHR16:5346963	SSF x Far_LoA	-9,452	0,082	0,299
CHR16	5347117	CHR16:5347117	SSF x Far_LoA	-10,465	0,007	0,297
CHR16	5347150	CHR16:5347150	SSF x Far_LoA	-11,622	-0,048	0,296
CHR16	5347199	CHR16:5347199	SSF x Far_LoA	-9,283	0,075	0,286
CHR16	5347212	CHR16:5347212	SSF x Far_LoA	-11,028	-0,054	0,308
CHR16	5351918	CHR16:5351918	SSF x Far_LoA	-11,130	-0,068	0,290
CHR16	5360862	CHR16:5360862	SSF x Far_LoA	-4,975	0,267	0,271
CHR16	5360913	CHR16:5360913	SSF x Far_LoA	-1,401	0,254	0,287
CHR16	5360919	CHR16:5360919	SSF x Far_LoA	-3,989	-0,221	0,283
CHR16	5360932	CHR16:5360932	SSF x Far_LoA	-8,135	0,078	0,309
CHR16	5360963	CHR16:5360963	SSF x Far_LoA	-3,812	0,262	0,283
CHR16	5360967	CHR16:5360967	SSF x Far_LoA	-0,131	-0,218	0,290

CHR16	5361019	CHR16:5361019	SSF x Far_LoA	-7,041	-0,189	0,291
CHR16	5361022	CHR16:5361022	SSF x Far_LoA	-7,768	0,107	0,284
CHR16	5361072	CHR16:5361072	SSF x Far_LoA	-6,208	-0,207	0,289
CHR16	5361075	CHR16:5361075	SSF x Far_LoA	-5,179	-0,220	0,292
CHR16	5368244	CHR16:5368244	SSF x Far_LoA	-8,715	-0,103	0,299
CHR16	5370350	CHR16:5370350	SSF x Far_LoA	-6,571	-0,144	0,297
CHR16	5381313	CHR16:5381313	SSF x Far_LoA	-9,892	-0,050	0,302
CHR16	5388611	CHR16:5388611	SSF x Far_LoA	-10,795	0,005	0,293
CHR16	5394306	CHR16:5394306	SSF x Far_LoA	-8,930	-0,105	0,286
CHR16	5394315	CHR16:5394315	SSF x Far_LoA	-9,334	-0,085	0,291
CHR16	5402800	CHR16:5402800	SSF x Far_LoA	-7,091	-0,088	0,310
CHR16	5404613	CHR16:5404613	SSF x Far_LoA	-10,081	-0,049	0,288
CHR16	540789	CHR16:540789	SSF x Far_LoA	-11,695	0,046	0,297
CHR16	540866	CHR16:540866	SSF x Far_LoA	-8,189	-0,011	0,293
CHR16	540871	CHR16:540871	SSF x Far_LoA	-9,089	0,016	0,303
CHR16	540874	CHR16:540874	SSF x Far_LoA	-9,012	-0,026	0,290
CHR16	5423379	CHR16:5423379	SSF x Far_LoA	-10,909	-0,018	0,317
CHR16	5427055	CHR16:5427055	SSF x Far_LoA	-7,769	0,007	0,304
CHR16	5427127	CHR16:5427127	SSF x Far_LoA	-9,042	-0,028	0,292
CHR16	5439978	CHR16:5439978	SSF x Far_LoA	-7,687	0,007	0,299
CHR16	5440032	CHR16:5440032	SSF x Far_LoA	-12,252	-0,090	0,268
CHR16	5464323	CHR16:5464323	SSF x Far_LoA	-9,026	0,074	0,297
CHR16	5471596	CHR16:5471596	SSF x Far_LoA	-11,836	-0,013	0,289
CHR16	5472539	CHR16:5472539	SSF x Far_LoA	-11,764	-0,099	0,289
CHR16	5472578	CHR16:5472578	SSF x Far_LoA	-6,440	0,053	0,300
CHR16	5472631	CHR16:5472631	SSF x Far_LoA	-9,478	-0,015	0,302
CHR16	5479708	CHR16:5479708	SSF x Far_LoA	-5,527	-0,071	0,291
CHR16	549235	CHR16:549235	SSF x Far_LoA	-11,219	0,027	0,299
CHR16	549245	CHR16:549245	SSF x Far_LoA	-7,958	-0,119	0,288
CHR16	5517610	CHR16:5517610	SSF x Far_LoA	-5,228	-0,186	0,266
CHR16	5522744	CHR16:5522744	SSF x Far_LoA	-9,839	0,045	0,303
CHR16	5527277	CHR16:5527277	SSF x Far_LoA	-7,163	0,028	0,302
CHR16	553081	CHR16:553081	SSF x Far_LoA	-4,048	0,172	0,274
CHR16	553086	CHR16:553086	SSF x Far_LoA	-8,520	-0,132	0,282
CHR16	553090	CHR16:553090	SSF x Far_LoA	-9,944	0,029	0,302
CHR16	553129	CHR16:553129	SSF x Far_LoA	-5,532	-0,200	0,297
CHR16	553147	CHR16:553147	SSF x Far_LoA	-11,520	-0,070	0,266
CHR16	553243	CHR16:553243	SSF x Far_LoA	-4,328	-0,171	0,294
CHR16	5563570	CHR16:5563570	SSF x Far_LoA	-10,685	-0,016	0,293
CHR16	560354	CHR16:560354	SSF x Far_LoA	-9,677	0,084	0,293
CHR16	560421	CHR16:560421	SSF x Far_LoA	-11,181	0,037	0,283
CHR16	560465	CHR16:560465	SSF x Far_LoA	-11,688	0,105	0,263
CHR16	560671	CHR16:560671	SSF x Far_LoA	-10,463	0,101	0,289
CHR16	560812	CHR16:560812	SSF x Far_LoA	-11,898	0,042	0,285
CHR16	5630885	CHR16:5630885	SSF x Far_LoA	-10,866	0,119	0,297
CHR16	5630891	CHR16:5630891	SSF x Far_LoA	-6,399	0,004	0,288
CHR16	5642222	CHR16:5642222	SSF x Far_LoA	-11,541	-0,022	0,292
CHR16	5642333	CHR16:5642333	SSF x Far_LoA	-9,729	-0,043	0,296
CHR16	5644457	CHR16:5644457	SSF x Far_LoA	-8,461	0,143	0,273
CHR16	5644495	CHR16:5644495	SSF x Far_LoA	-11,004	0,002	0,289
CHR16	566400	CHR16:566400	SSF x Far_LoA	-11,604	0,058	0,291
CHR16	566434	CHR16:566434	SSF x Far_LoA	-10,062	-0,106	0,291
CHR16	5665589	CHR16:5665589	SSF x Far_LoA	-10,875	0,050	0,266

CHR16	5665599	CHR16:5665599	SSF x Far_LoA	-11,703	-0,058	0,291
CHR16	5665852	CHR16:5665852	SSF x Far_LoA	-8,238	0,036	0,292
CHR16	5665854	CHR16:5665854	SSF x Far_LoA	-10,405	0,016	0,272
CHR16	5671014	CHR16:5671014	SSF x Far_LoA	-7,219	0,108	0,273
CHR16	5671032	CHR16:5671032	SSF x Far_LoA	-10,272	-0,051	0,287
CHR16	5671074	CHR16:5671074	SSF x Far_LoA	-7,603	-0,001	0,302
CHR16	5673196	CHR16:5673196	SSF x Far_LoA	-9,779	0,022	0,287
CHR16	5673266	CHR16:5673266	SSF x Far_LoA	-5,730	0,150	0,280
CHR16	5673285	CHR16:5673285	SSF x Far_LoA	-10,537	-0,120	0,293
CHR16	5673299	CHR16:5673299	SSF x Far_LoA	-7,376	0,092	0,284
CHR16	5673386	CHR16:5673386	SSF x Far_LoA	-8,779	-0,022	0,281
CHR16	5673445	CHR16:5673445	SSF x Far_LoA	-6,032	-0,186	0,292
CHR16	5673516	CHR16:5673516	SSF x Far_LoA	-9,030	-0,078	0,298
CHR16	5680383	CHR16:5680383	SSF x Far_LoA	-8,811	0,123	0,290
CHR16	5716042	CHR16:5716042	SSF x Far_LoA	-9,475	-0,114	0,293
CHR16	5716043	CHR16:5716043	SSF x Far_LoA	-9,851	-0,089	0,290
CHR16	5716050	CHR16:5716050	SSF x Far_LoA	-9,280	0,108	0,291
CHR16	5721333	CHR16:5721333	SSF x Far_LoA	-10,374	-0,139	0,287
CHR16	5721340	CHR16:5721340	SSF x Far_LoA	-6,107	-0,135	0,289
CHR16	5733295	CHR16:5733295	SSF x Far_LoA	-11,878	-0,011	0,284
CHR16	5733649	CHR16:5733649	SSF x Far_LoA	-10,628	-0,006	0,281
CHR16	5734336	CHR16:5734336	SSF x Far_LoA	-10,251	-0,028	0,307
CHR16	5734379	CHR16:5734379	SSF x Far_LoA	-6,514	-0,031	0,300
CHR16	5740333	CHR16:5740333	SSF x Far_LoA	-7,401	0,097	0,290
CHR16	5740341	CHR16:5740341	SSF x Far_LoA	-4,093	0,061	0,294
CHR16	5740394	CHR16:5740394	SSF x Far_LoA	-7,231	-0,160	0,281
CHR16	5740400	CHR16:5740400	SSF x Far_LoA	-8,679	-0,088	0,289
CHR16	5740434	CHR16:5740434	SSF x Far_LoA	-9,717	0,036	0,282
CHR16	5750202	CHR16:5750202	SSF x Far_LoA	-6,396	-0,192	0,282
CHR16	5750252	CHR16:5750252	SSF x Far_LoA	-4,476	0,055	0,293
CHR16	5750254	CHR16:5750254	SSF x Far_LoA	-2,260	-0,186	0,288
CHR16	5750278	CHR16:5750278	SSF x Far_LoA	-6,914	-0,181	0,287
CHR16	5750300	CHR16:5750300	SSF x Far_LoA	-6,212	0,186	0,261
CHR16	5750312	CHR16:5750312	SSF x Far_LoA	-5,357	-0,124	0,300
CHR16	5752681	CHR16:5752681	SSF x Far_LoA	-7,504	-0,016	0,295
CHR16	5752702	CHR16:5752702	SSF x Far_LoA	-10,379	0,048	0,287
CHR16	5755993	CHR16:5755993	SSF x Far_LoA	-8,179	-0,022	0,305
CHR16	5756137	CHR16:5756137	SSF x Far_LoA	-11,046	-0,015	0,276
CHR16	5756139	CHR16:5756139	SSF x Far_LoA	-9,523	0,040	0,310
CHR16	5756140	CHR16:5756140	SSF x Far_LoA	-10,811	-0,013	0,295
CHR16	5756141	CHR16:5756141	SSF x Far_LoA	-9,058	-0,060	0,288
CHR16	5756250	CHR16:5756250	SSF x Far_LoA	-8,684	-0,079	0,282
CHR16	5760394	CHR16:5760394	SSF x Far_LoA	-10,059	0,185	0,287
CHR16	5760494	CHR16:5760494	SSF x Far_LoA	-7,151	-0,009	0,304
CHR16	5774110	CHR16:5774110	SSF x Far_LoA	-9,332	0,102	0,298
CHR16	5774190	CHR16:5774190	SSF x Far_LoA	-9,991	-0,042	0,291
CHR16	5778575	CHR16:5778575	SSF x Far_LoA	-1,975	0,148	0,297
CHR16	5779475	CHR16:5779475	SSF x Far_LoA	-8,475	0,063	0,300
CHR16	5779595	CHR16:5779595	SSF x Far_LoA	-5,158	0,107	0,286
CHR16	5780254	CHR16:5780254	SSF x Far_LoA	-8,433	-0,085	0,298
CHR16	5780263	CHR16:5780263	SSF x Far_LoA	-6,344	-0,132	0,298
CHR16	5780264	CHR16:5780264	SSF x Far_LoA	-8,838	-0,098	0,304
CHR16	5780276	CHR16:5780276	SSF x Far_LoA	-9,666	-0,094	0,298

CHR16	5786390	CHR16:5786390	SSF x Far_LoA	-10,424	-0,041	0,291
CHR16	5819596	CHR16:5819596	SSF x Far_LoA	-4,524	-0,091	0,290
CHR16	5819677	CHR16:5819677	SSF x Far_LoA	-7,906	0,182	0,282
CHR16	5821393	CHR16:5821393	SSF x Far_LoA	-10,724	0,044	0,290
CHR16	5821492	CHR16:5821492	SSF x Far_LoA	-9,177	-0,014	0,286
CHR16	5821558	CHR16:5821558	SSF x Far_LoA	-8,610	0,000	0,297
CHR16	5821582	CHR16:5821582	SSF x Far_LoA	-9,606	0,020	0,287
CHR16	5823398	CHR16:5823398	SSF x Far_LoA	-8,784	-0,045	0,299
CHR16	5828068	CHR16:5828068	SSF x Far_LoA	-10,500	0,010	0,290
CHR16	5828097	CHR16:5828097	SSF x Far_LoA	-10,420	-0,053	0,293
CHR16	5828286	CHR16:5828286	SSF x Far_LoA	-10,633	-0,058	0,303
CHR16	5828299	CHR16:5828299	SSF x Far_LoA	-9,701	0,022	0,288
CHR16	5828304	CHR16:5828304	SSF x Far_LoA	-8,752	-0,027	0,289
CHR16	5828343	CHR16:5828343	SSF x Far_LoA	-10,414	0,002	0,282
CHR16	5828344	CHR16:5828344	SSF x Far_LoA	-10,514	0,030	0,275
CHR16	5828372	CHR16:5828372	SSF x Far_LoA	-9,989	0,041	0,295
CHR16	5830888	CHR16:5830888	SSF x Far_LoA	-10,488	-0,044	0,295
CHR16	5830947	CHR16:5830947	SSF x Far_LoA	-10,413	-0,142	0,283
CHR16	5830992	CHR16:5830992	SSF x Far_LoA	-3,815	-0,112	0,308
CHR16	5835485	CHR16:5835485	SSF x Far_LoA	-8,729	0,138	0,302
CHR16	5835517	CHR16:5835517	SSF x Far_LoA	-8,566	-0,077	0,294
CHR16	5835607	CHR16:5835607	SSF x Far_LoA	-10,386	-0,032	0,285
CHR16	5835750	CHR16:5835750	SSF x Far_LoA	-11,547	-0,011	0,292
CHR16	5842003	CHR16:5842003	SSF x Far_LoA	-10,024	0,108	0,287
CHR16	5842011	CHR16:5842011	SSF x Far_LoA	-10,964	-0,038	0,286
CHR16	5842088	CHR16:5842088	SSF x Far_LoA	-9,353	0,043	0,288
CHR16	5846526	CHR16:5846526	SSF x Far_LoA	-8,534	0,104	0,284
CHR16	5846598	CHR16:5846598	SSF x Far_LoA	-8,721	-0,031	0,296
CHR16	5846832	CHR16:5846832	SSF x Far_LoA	-8,888	-0,136	0,270
CHR16	5858858	CHR16:5858858	SSF x Far_LoA	-10,787	0,067	0,288
CHR16	5858876	CHR16:5858876	SSF x Far_LoA	-9,349	0,130	0,279
CHR16	5858913	CHR16:5858913	SSF x Far_LoA	-7,258	-0,097	0,274
CHR16	5858925	CHR16:5858925	SSF x Far_LoA	-11,606	0,107	0,276
CHR16	5858930	CHR16:5858930	SSF x Far_LoA	-7,444	0,031	0,297
CHR16	5858948	CHR16:5858948	SSF x Far_LoA	-10,004	-0,097	0,276
CHR16	5858951	CHR16:5858951	SSF x Far_LoA	-9,052	-0,083	0,285
CHR16	5858954	CHR16:5858954	SSF x Far_LoA	-9,181	-0,115	0,283
CHR16	5859127	CHR16:5859127	SSF x Far_LoA	-6,544	0,141	0,275
CHR16	5859228	CHR16:5859228	SSF x Far_LoA	-6,182	-0,142	0,288
CHR16	5859271	CHR16:5859271	SSF x Far_LoA	-6,991	0,107	0,291
CHR16	5859282	CHR16:5859282	SSF x Far_LoA	0,936	-0,034	0,286
CHR16	5859288	CHR16:5859288	SSF x Far_LoA	-8,594	0,163	0,288
CHR16	5876706	CHR16:5876706	SSF x Far_LoA	-8,796	-0,072	0,293
CHR16	5876837	CHR16:5876837	SSF x Far_LoA	-1,224	-0,039	0,299
CHR16	5878587	CHR16:5878587	SSF x Far_LoA	-9,946	-0,038	0,299
CHR16	5884780	CHR16:5884780	SSF x Far_LoA	-10,877	-0,061	0,296
CHR16	588909	CHR16:588909	SSF x Far_LoA	-5,510	-0,081	0,262
CHR16	589010	CHR16:589010	SSF x Far_LoA	-8,736	0,071	0,306
CHR16	5891024	CHR16:5891024	SSF x Far_LoA	-8,151	-0,097	0,292
CHR16	5891076	CHR16:5891076	SSF x Far_LoA	-8,610	0,033	0,294
CHR16	5891109	CHR16:5891109	SSF x Far_LoA	-8,868	0,004	0,293
CHR16	5891112	CHR16:5891112	SSF x Far_LoA	-8,176	-0,025	0,278
CHR16	5891120	CHR16:5891120	SSF x Far_LoA	-11,366	-0,073	0,286

CHR16	5891126	CHR16:5891126	SSF x Far_LoA	-7,500	0,069	0,297
CHR16	5891136	CHR16:5891136	SSF x Far_LoA	-8,983	0,074	0,281
CHR16	5891210	CHR16:5891210	SSF x Far_LoA	-10,059	0,102	0,274
CHR16	5891251	CHR16:5891251	SSF x Far_LoA	-7,738	-0,113	0,299
CHR16	5891342	CHR16:5891342	SSF x Far_LoA	-5,436	0,173	0,269
CHR16	5900790	CHR16:5900790	SSF x Far_LoA	-8,589	0,028	0,298
CHR16	5900805	CHR16:5900805	SSF x Far_LoA	-9,099	-0,032	0,279
CHR16	5900858	CHR16:5900858	SSF x Far_LoA	-10,644	0,025	0,295
CHR16	5901057	CHR16:5901057	SSF x Far_LoA	-7,311	-0,040	0,281
CHR16	5910954	CHR16:5910954	SSF x Far_LoA	-5,103	0,174	0,269
CHR16	5910969	CHR16:5910969	SSF x Far_LoA	-6,242	0,157	0,280
CHR16	5911015	CHR16:5911015	SSF x Far_LoA	-10,693	-0,038	0,284
CHR16	5914912	CHR16:5914912	SSF x Far_LoA	-9,895	0,102	0,280
CHR16	5914955	CHR16:5914955	SSF x Far_LoA	-10,875	0,030	0,280
CHR16	5915036	CHR16:5915036	SSF x Far_LoA	-6,236	-0,167	0,283
CHR16	5923226	CHR16:5923226	SSF x Far_LoA	-8,031	-0,161	0,282
CHR16	5923299	CHR16:5923299	SSF x Far_LoA	-1,938	0,163	0,290
CHR16	5924459	CHR16:5924459	SSF x Far_LoA	-8,356	-0,053	0,282
CHR16	5934108	CHR16:5934108	SSF x Far_LoA	-8,527	-0,091	0,293
CHR16	5934113	CHR16:5934113	SSF x Far_LoA	-9,418	-0,061	0,296
CHR16	5934133	CHR16:5934133	SSF x Far_LoA	-10,734	0,086	0,278
CHR16	5936555	CHR16:5936555	SSF x Far_LoA	-8,907	0,048	0,276
CHR16	5936604	CHR16:5936604	SSF x Far_LoA	-9,784	0,021	0,292
CHR16	5936634	CHR16:5936634	SSF x Far_LoA	-8,545	-0,100	0,288
CHR16	5936647	CHR16:5936647	SSF x Far_LoA	-7,840	-0,022	0,292
CHR16	5936682	CHR16:5936682	SSF x Far_LoA	-8,555	0,010	0,280
CHR16	5936730	CHR16:5936730	SSF x Far_LoA	-7,150	0,107	0,295
CHR16	5936800	CHR16:5936800	SSF x Far_LoA	-10,088	-0,023	0,289
CHR16	5936815	CHR16:5936815	SSF x Far_LoA	-8,888	-0,028	0,282
CHR16	5938995	CHR16:5938995	SSF x Far_LoA	-11,548	0,075	0,285
CHR16	5939138	CHR16:5939138	SSF x Far_LoA	-11,577	-0,085	0,276
CHR16	5939150	CHR16:5939150	SSF x Far_LoA	-5,636	0,205	0,280
CHR16	5939190	CHR16:5939190	SSF x Far_LoA	-9,443	0,141	0,265
CHR16	5939191	CHR16:5939191	SSF x Far_LoA	-10,509	-0,112	0,281
CHR16	5939199	CHR16:5939199	SSF x Far_LoA	-7,129	0,048	0,286
CHR16	5939212	CHR16:5939212	SSF x Far_LoA	-8,604	-0,019	0,282
CHR16	5939237	CHR16:5939237	SSF x Far_LoA	-8,876	-0,021	0,297
CHR16	5946363	CHR16:5946363	SSF x Far_LoA	-8,764	-0,008	0,285
CHR16	5946377	CHR16:5946377	SSF x Far_LoA	-9,567	-0,059	0,301
CHR16	5959974	CHR16:5959974	SSF x Far_LoA	3,643	0,195	0,270
CHR16	5959994	CHR16:5959994	SSF x Far_LoA	-7,310	0,147	0,281
CHR16	5966765	CHR16:5966765	SSF x Far_LoA	-10,345	-0,042	0,290
CHR16	5966774	CHR16:5966774	SSF x Far_LoA	-10,704	0,036	0,291
CHR16	5966775	CHR16:5966775	SSF x Far_LoA	-10,208	0,058	0,280
CHR16	5966799	CHR16:5966799	SSF x Far_LoA	-6,800	0,081	0,291
CHR16	5966801	CHR16:5966801	SSF x Far_LoA	-9,434	-0,014	0,309
CHR16	5966859	CHR16:5966859	SSF x Far_LoA	-8,885	-0,055	0,288
CHR16	5966894	CHR16:5966894	SSF x Far_LoA	-8,473	-0,084	0,288
CHR16	5967211	CHR16:5967211	SSF x Far_LoA	-9,888	-0,027	0,284
CHR16	5974320	CHR16:5974320	SSF x Far_LoA	-10,213	0,008	0,302
CHR16	5978055	CHR16:5978055	SSF x Far_LoA	-6,766	-0,075	0,283
CHR16	5978412	CHR16:5978412	SSF x Far_LoA	-6,340	0,016	0,293
CHR16	5985765	CHR16:5985765	SSF x Far_LoA	-8,416	-0,038	0,291

CHR16	5985839	CHR16:5985839	SSF x Far_LoA	-8,807	-0,055	0,295
CHR16	5985881	CHR16:5985881	SSF x Far_LoA	-10,045	0,089	0,288
CHR16	5985986	CHR16:5985986	SSF x Far_LoA	-11,510	0,034	0,284
CHR16	5986003	CHR16:5986003	SSF x Far_LoA	-9,175	-0,132	0,285
CHR16	6001047	CHR16:6001047	SSF x Far_LoA	-1,170	0,149	0,288
CHR16	6006520	CHR16:6006520	SSF x Far_LoA	-1,068	0,094	0,286
CHR16	6006705	CHR16:6006705	SSF x Far_LoA	-7,627	0,138	0,271
CHR16	6006758	CHR16:6006758	SSF x Far_LoA	-11,006	0,025	0,301
CHR16	6006791	CHR16:6006791	SSF x Far_LoA	-9,536	-0,068	0,294
CHR16	6006836	CHR16:6006836	SSF x Far_LoA	-9,345	-0,092	0,272
CHR16	6006843	CHR16:6006843	SSF x Far_LoA	-5,906	-0,156	0,269
CHR16	6027755	CHR16:6027755	SSF x Far_LoA	-10,483	0,003	0,283
CHR16	6027767	CHR16:6027767	SSF x Far_LoA	-11,347	0,060	0,292
CHR16	6027778	CHR16:6027778	SSF x Far_LoA	-10,499	0,004	0,286
CHR16	6027836	CHR16:6027836	SSF x Far_LoA	-8,566	-0,007	0,280
CHR16	6030124	CHR16:6030124	SSF x Far_LoA	-8,109	0,015	0,297
CHR16	6030126	CHR16:6030126	SSF x Far_LoA	-8,727	-0,069	0,297
CHR16	6040687	CHR16:6040687	SSF x Far_LoA	-11,723	0,017	0,285
CHR16	6050526	CHR16:6050526	SSF x Far_LoA	-10,309	0,007	0,290
CHR16	6050574	CHR16:6050574	SSF x Far_LoA	-9,197	-0,115	0,303
CHR16	6075235	CHR16:6075235	SSF x Far_LoA	-10,238	-0,030	0,295
CHR16	610494	CHR16:610494	SSF x Far_LoA	-8,164	0,077	0,300
CHR16	610552	CHR16:610552	SSF x Far_LoA	-10,258	0,042	0,289
CHR16	610560	CHR16:610560	SSF x Far_LoA	-10,046	-0,059	0,296
CHR16	610570	CHR16:610570	SSF x Far_LoA	-6,605	0,114	0,298
CHR16	610600	CHR16:610600	SSF x Far_LoA	-7,853	0,133	0,285
CHR16	6113927	CHR16:6113927	SSF x Far_LoA	-11,505	-0,041	0,299
CHR16	6113984	CHR16:6113984	SSF x Far_LoA	-9,451	0,061	0,273
CHR16	6113993	CHR16:6113993	SSF x Far_LoA	-10,524	0,113	0,266
CHR16	6114101	CHR16:6114101	SSF x Far_LoA	-10,352	-0,016	0,288
CHR16	6126531	CHR16:6126531	SSF x Far_LoA	-11,388	0,004	0,292
CHR16	6126655	CHR16:6126655	SSF x Far_LoA	-4,786	0,106	0,289
CHR16	6138891	CHR16:6138891	SSF x Far_LoA	-11,113	-0,062	0,291
CHR16	6142022	CHR16:6142022	SSF x Far_LoA	-8,924	-0,033	0,289
CHR16	6142086	CHR16:6142086	SSF x Far_LoA	-10,741	-0,076	0,288
CHR16	6184457	CHR16:6184457	SSF x Far_LoA	-8,959	-0,121	0,298
CHR16	6197029	CHR16:6197029	SSF x Far_LoA	-11,087	0,060	0,291
CHR16	6198318	CHR16:6198318	SSF x Far_LoA	-9,466	0,058	0,282
CHR16	6219967	CHR16:6219967	SSF x Far_LoA	-7,341	-0,108	0,301
CHR16	6219988	CHR16:6219988	SSF x Far_LoA	-9,877	0,071	0,290
CHR16	6220153	CHR16:6220153	SSF x Far_LoA	-9,936	0,070	0,279
CHR16	6242973	CHR16:6242973	SSF x Far_LoA	-8,880	-0,004	0,308
CHR16	626762	CHR16:626762	SSF x Far_LoA	-5,236	0,039	0,283
CHR16	626773	CHR16:626773	SSF x Far_LoA	-7,499	0,170	0,265
CHR16	6267745	CHR16:6267745	SSF x Far_LoA	-8,596	-0,067	0,294
CHR16	626823	CHR16:626823	SSF x Far_LoA	-12,051	-0,011	0,289
CHR16	6273659	CHR16:6273659	SSF x Far_LoA	-11,710	0,056	0,297
CHR16	6285675	CHR16:6285675	SSF x Far_LoA	-9,990	-0,027	0,284
CHR16	6285725	CHR16:6285725	SSF x Far_LoA	-10,070	0,045	0,287
CHR16	6301106	CHR16:6301106	SSF x Far_LoA	-4,948	-0,153	0,291
CHR16	6302970	CHR16:6302970	SSF x Far_LoA	-10,451	0,033	0,285
CHR16	6320901	CHR16:6320901	SSF x Far_LoA	-9,566	-0,045	0,266
CHR16	6326622	CHR16:6326622	SSF x Far_LoA	-10,980	-0,101	0,290

CHR16	634568	CHR16:634568	SSF x Far_LoA	-9,329	0,017	0,282
CHR16	6354750	CHR16:6354750	SSF x Far_LoA	-9,181	0,104	0,303
CHR16	6354793	CHR16:6354793	SSF x Far_LoA	-6,465	0,105	0,303
CHR16	6368981	CHR16:6368981	SSF x Far_LoA	-9,048	0,020	0,287
CHR16	637958	CHR16:637958	SSF x Far_LoA	-8,485	0,118	0,272
CHR16	637979	CHR16:637979	SSF x Far_LoA	-6,654	-0,117	0,300
CHR16	638034	CHR16:638034	SSF x Far_LoA	-7,776	0,074	0,302
CHR16	638065	CHR16:638065	SSF x Far_LoA	-7,814	0,004	0,311
CHR16	638096	CHR16:638096	SSF x Far_LoA	-8,750	0,032	0,288
CHR16	638111	CHR16:638111	SSF x Far_LoA	-8,101	0,037	0,290
CHR16	638144	CHR16:638144	SSF x Far_LoA	-11,880	0,012	0,286
CHR16	6404073	CHR16:6404073	SSF x Far_LoA	-9,647	-0,063	0,291
CHR16	6404105	CHR16:6404105	SSF x Far_LoA	-8,045	-0,129	0,271
CHR16	641853	CHR16:641853	SSF x Far_LoA	-7,856	-0,040	0,299
CHR16	641868	CHR16:641868	SSF x Far_LoA	-9,032	-0,056	0,287
CHR16	641990	CHR16:641990	SSF x Far_LoA	-9,380	0,080	0,296
CHR16	642093	CHR16:642093	SSF x Far_LoA	-10,186	-0,048	0,310
CHR16	6434531	CHR16:6434531	SSF x Far_LoA	-9,489	-0,080	0,277
CHR16	6434536	CHR16:6434536	SSF x Far_LoA	-9,377	-0,054	0,291
CHR16	6434684	CHR16:6434684	SSF x Far_LoA	-10,026	0,056	0,288
CHR16	6434729	CHR16:6434729	SSF x Far_LoA	-8,019	-0,046	0,294
CHR16	6434773	CHR16:6434773	SSF x Far_LoA	-9,215	0,112	0,280
CHR16	6452475	CHR16:6452475	SSF x Far_LoA	-8,298	-0,028	0,287
CHR16	6452666	CHR16:6452666	SSF x Far_LoA	-8,811	-0,050	0,278
CHR16	6452699	CHR16:6452699	SSF x Far_LoA	-8,519	0,016	0,297
CHR16	6494898	CHR16:6494898	SSF x Far_LoA	-9,635	-0,001	0,288
CHR16	6495121	CHR16:6495121	SSF x Far_LoA	-10,566	-0,072	0,292
CHR16	6513251	CHR16:6513251	SSF x Far_LoA	-10,527	0,024	0,303
CHR16	658658	CHR16:658658	SSF x Far_LoA	-8,368	-0,033	0,289
CHR16	658659	CHR16:658659	SSF x Far_LoA	-8,051	-0,025	0,295
CHR16	6675549	CHR16:6675549	SSF x Far_LoA	-7,928	0,027	0,293
CHR16	669752	CHR16:669752	SSF x Far_LoA	-9,657	-0,077	0,298
CHR16	669810	CHR16:669810	SSF x Far_LoA	-7,742	0,093	0,278
CHR16	669881	CHR16:669881	SSF x Far_LoA	6,292	0,050	0,300
CHR16	669902	CHR16:669902	SSF x Far_LoA	-8,488	0,071	0,273
CHR16	669934	CHR16:669934	SSF x Far_LoA	-7,782	0,089	0,284
CHR16	6702280	CHR16:6702280	SSF x Far_LoA	-3,756	0,117	0,291
CHR16	6702313	CHR16:6702313	SSF x Far_LoA	-4,580	-0,126	0,285
CHR16	6705901	CHR16:6705901	SSF x Far_LoA	-7,991	0,023	0,287
CHR16	6706036	CHR16:6706036	SSF x Far_LoA	-7,503	0,013	0,287
CHR16	6706171	CHR16:6706171	SSF x Far_LoA	-10,400	0,015	0,294
CHR16	6722161	CHR16:6722161	SSF x Far_LoA	-8,264	0,091	0,300
CHR16	6722204	CHR16:6722204	SSF x Far_LoA	-7,390	0,083	0,284
CHR16	6722208	CHR16:6722208	SSF x Far_LoA	-12,027	0,029	0,294
CHR16	6722217	CHR16:6722217	SSF x Far_LoA	-6,758	0,081	0,296
CHR16	6722231	CHR16:6722231	SSF x Far_LoA	-8,527	0,030	0,290
CHR16	6722240	CHR16:6722240	SSF x Far_LoA	-8,847	0,039	0,277
CHR16	6733634	CHR16:6733634	SSF x Far_LoA	-9,313	-0,006	0,297
CHR16	6733644	CHR16:6733644	SSF x Far_LoA	-8,383	0,010	0,290
CHR16	6733677	CHR16:6733677	SSF x Far_LoA	-3,671	-0,183	0,269
CHR16	6733697	CHR16:6733697	SSF x Far_LoA	-5,851	-0,256	0,275
CHR16	6733702	CHR16:6733702	SSF x Far_LoA	-6,336	-0,016	0,290
CHR16	6733716	CHR16:6733716	SSF x Far_LoA	-6,928	-0,173	0,294

CHR16	6733744	CHR16:6733744	SSF x Far_LoA	-6,599	-0,029	0,287
CHR16	6747595	CHR16:6747595	SSF x Far_LoA	-9,763	-0,025	0,281
CHR16	6747691	CHR16:6747691	SSF x Far_LoA	-8,823	-0,024	0,300
CHR16	6747758	CHR16:6747758	SSF x Far_LoA	-3,546	-0,005	0,292
CHR16	6751465	CHR16:6751465	SSF x Far_LoA	-7,666	-0,134	0,296
CHR16	6758460	CHR16:6758460	SSF x Far_LoA	-10,106	-0,058	0,294
CHR16	6763245	CHR16:6763245	SSF x Far_LoA	-8,181	0,041	0,292
CHR16	6763325	CHR16:6763325	SSF x Far_LoA	-10,148	0,026	0,280
CHR16	6763382	CHR16:6763382	SSF x Far_LoA	-9,850	0,041	0,290
CHR16	6763418	CHR16:6763418	SSF x Far_LoA	-6,186	-0,083	0,289
CHR16	6763449	CHR16:6763449	SSF x Far_LoA	-8,568	-0,116	0,282
CHR16	6763494	CHR16:6763494	SSF x Far_LoA	-9,989	0,047	0,296
CHR16	6764681	CHR16:6764681	SSF x Far_LoA	-4,928	0,159	0,278
CHR16	6775506	CHR16:6775506	SSF x Far_LoA	-7,288	0,055	0,283
CHR16	6775592	CHR16:6775592	SSF x Far_LoA	-11,354	0,007	0,299
CHR16	6775595	CHR16:6775595	SSF x Far_LoA	-9,363	-0,031	0,300
CHR16	6775618	CHR16:6775618	SSF x Far_LoA	-11,053	0,018	0,290
CHR16	6778474	CHR16:6778474	SSF x Far_LoA	-10,837	-0,065	0,286
CHR16	6778647	CHR16:6778647	SSF x Far_LoA	-6,569	-0,140	0,272
CHR16	6778653	CHR16:6778653	SSF x Far_LoA	-11,808	0,013	0,291
CHR16	6778689	CHR16:6778689	SSF x Far_LoA	-9,099	-0,020	0,269
CHR16	6778719	CHR16:6778719	SSF x Far_LoA	-10,762	0,007	0,296
CHR16	6780003	CHR16:6780003	SSF x Far_LoA	-4,006	-0,128	0,274
CHR16	6780013	CHR16:6780013	SSF x Far_LoA	-8,847	-0,047	0,286
CHR16	6780100	CHR16:6780100	SSF x Far_LoA	-9,982	-0,028	0,269
CHR16	6780140	CHR16:6780140	SSF x Far_LoA	-10,769	0,070	0,291
CHR16	6788980	CHR16:6788980	SSF x Far_LoA	-10,007	0,008	0,290
CHR16	6789054	CHR16:6789054	SSF x Far_LoA	-9,246	-0,023	0,295
CHR16	6789067	CHR16:6789067	SSF x Far_LoA	-10,654	-0,126	0,282
CHR16	6789120	CHR16:6789120	SSF x Far_LoA	-10,256	-0,026	0,288
CHR16	6789190	CHR16:6789190	SSF x Far_LoA	-9,382	-0,015	0,299
CHR16	6789200	CHR16:6789200	SSF x Far_LoA	-7,969	-0,001	0,281
CHR16	6789212	CHR16:6789212	SSF x Far_LoA	-8,577	0,017	0,286
CHR16	6790492	CHR16:6790492	SSF x Far_LoA	-9,922	-0,075	0,287
CHR16	6790582	CHR16:6790582	SSF x Far_LoA	-10,349	0,106	0,289
CHR16	6790730	CHR16:6790730	SSF x Far_LoA	-8,269	-0,045	0,293
CHR16	6790735	CHR16:6790735	SSF x Far_LoA	-9,163	0,052	0,295
CHR16	6810954	CHR16:6810954	SSF x Far_LoA	-12,735	0,022	0,286
CHR16	6811008	CHR16:6811008	SSF x Far_LoA	-11,334	-0,024	0,289
CHR16	6811029	CHR16:6811029	SSF x Far_LoA	-8,992	-0,001	0,276
CHR16	6811072	CHR16:6811072	SSF x Far_LoA	-12,265	0,018	0,298
CHR16	6811125	CHR16:6811125	SSF x Far_LoA	-10,478	-0,072	0,290
CHR16	6811133	CHR16:6811133	SSF x Far_LoA	-9,453	0,047	0,282
CHR16	6811154	CHR16:6811154	SSF x Far_LoA	-11,662	0,069	0,280
CHR16	6811258	CHR16:6811258	SSF x Far_LoA	-7,702	0,012	0,281
CHR16	6811265	CHR16:6811265	SSF x Far_LoA	-11,068	-0,041	0,289
CHR16	6813963	CHR16:6813963	SSF x Far_LoA	-9,680	0,075	0,293
CHR16	6813988	CHR16:6813988	SSF x Far_LoA	-8,190	0,050	0,292
CHR16	6816339	CHR16:6816339	SSF x Far_LoA	-10,762	-0,024	0,277
CHR16	6816371	CHR16:6816371	SSF x Far_LoA	-10,457	0,066	0,290
CHR16	6825129	CHR16:6825129	SSF x Far_LoA	-8,176	-0,058	0,304
CHR16	682648	CHR16:682648	SSF x Far_LoA	-11,368	-0,026	0,274
CHR16	682654	CHR16:682654	SSF x Far_LoA	-9,213	0,116	0,273

CHR16	682713	CHR16:682713	SSF x Far_LoA	-10,567	0,024	0,291
CHR16	682841	CHR16:682841	SSF x Far_LoA	-9,635	-0,044	0,293
CHR16	6847852	CHR16:6847852	SSF x Far_LoA	-7,349	0,071	0,279
CHR16	6847858	CHR16:6847858	SSF x Far_LoA	-11,392	-0,015	0,296
CHR16	685557	CHR16:685557	SSF x Far_LoA	-8,826	0,059	0,296
CHR16	685560	CHR16:685560	SSF x Far_LoA	-8,212	0,013	0,303
CHR16	6858029	CHR16:6858029	SSF x Far_LoA	-10,630	0,006	0,292
CHR16	6858250	CHR16:6858250	SSF x Far_LoA	-9,824	-0,005	0,282
CHR16	6867274	CHR16:6867274	SSF x Far_LoA	-11,807	-0,043	0,291
CHR16	6867300	CHR16:6867300	SSF x Far_LoA	-4,768	-0,131	0,297
CHR16	6872690	CHR16:6872690	SSF x Far_LoA	-7,743	0,065	0,314
CHR16	6883097	CHR16:6883097	SSF x Far_LoA	-9,568	-0,020	0,293
CHR16	6883117	CHR16:6883117	SSF x Far_LoA	-9,310	-0,018	0,297
CHR16	6883144	CHR16:6883144	SSF x Far_LoA	-8,640	0,041	0,270
CHR16	6883228	CHR16:6883228	SSF x Far_LoA	-8,224	-0,067	0,292
CHR16	6883304	CHR16:6883304	SSF x Far_LoA	-8,909	0,013	0,292
CHR16	6900267	CHR16:6900267	SSF x Far_LoA	-5,369	-0,047	0,317
CHR16	6906576	CHR16:6906576	SSF x Far_LoA	-11,180	0,088	0,284
CHR16	6929672	CHR16:6929672	SSF x Far_LoA	-8,625	-0,067	0,276
CHR16	6929721	CHR16:6929721	SSF x Far_LoA	-7,714	-0,045	0,290
CHR16	6929845	CHR16:6929845	SSF x Far_LoA	-10,066	-0,057	0,290
CHR16	6932042	CHR16:6932042	SSF x Far_LoA	-10,144	-0,088	0,284
CHR16	6934621	CHR16:6934621	SSF x Far_LoA	-10,317	-0,015	0,296
CHR16	6934819	CHR16:6934819	SSF x Far_LoA	-12,263	-0,040	0,276
CHR16	6934836	CHR16:6934836	SSF x Far_LoA	-10,423	-0,112	0,300
CHR16	6939174	CHR16:6939174	SSF x Far_LoA	-8,401	-0,116	0,288
CHR16	6939226	CHR16:6939226	SSF x Far_LoA	-6,207	-0,140	0,277
CHR16	6946480	CHR16:6946480	SSF x Far_LoA	-10,058	-0,019	0,290
CHR16	6954442	CHR16:6954442	SSF x Far_LoA	-10,071	-0,074	0,292
CHR16	6954576	CHR16:6954576	SSF x Far_LoA	-3,871	-0,172	0,296
CHR16	6954606	CHR16:6954606	SSF x Far_LoA	-6,638	-0,047	0,286
CHR16	6954608	CHR16:6954608	SSF x Far_LoA	-8,388	-0,079	0,284
CHR16	6954648	CHR16:6954648	SSF x Far_LoA	-11,233	0,079	0,275
CHR16	695738	CHR16:695738	SSF x Far_LoA	-10,174	0,050	0,286
CHR16	695978	CHR16:695978	SSF x Far_LoA	-9,418	-0,018	0,288
CHR16	695980	CHR16:695980	SSF x Far_LoA	-8,201	-0,055	0,305
CHR16	696034	CHR16:696034	SSF x Far_LoA	-8,513	-0,008	0,300
CHR16	696035	CHR16:696035	SSF x Far_LoA	-9,438	0,060	0,305
CHR16	696047	CHR16:696047	SSF x Far_LoA	-10,359	0,037	0,299
CHR16	6975993	CHR16:6975993	SSF x Far_LoA	-9,967	0,048	0,288
CHR16	6984415	CHR16:6984415	SSF x Far_LoA	-8,752	-0,095	0,302
CHR16	6984427	CHR16:6984427	SSF x Far_LoA	-9,038	-0,131	0,297
CHR16	6991740	CHR16:6991740	SSF x Far_LoA	-10,349	-0,088	0,297
CHR16	6991776	CHR16:6991776	SSF x Far_LoA	-10,210	0,107	0,280
CHR16	6991787	CHR16:6991787	SSF x Far_LoA	-9,247	0,067	0,291
CHR16	6991789	CHR16:6991789	SSF x Far_LoA	-10,754	0,032	0,292
CHR16	6991804	CHR16:6991804	SSF x Far_LoA	-8,095	0,075	0,309
CHR16	6991813	CHR16:6991813	SSF x Far_LoA	-8,798	0,052	0,286
CHR16	6991814	CHR16:6991814	SSF x Far_LoA	-8,279	0,066	0,295
CHR16	6991817	CHR16:6991817	SSF x Far_LoA	-8,762	0,034	0,287
CHR16	6991822	CHR16:6991822	SSF x Far_LoA	-9,824	0,058	0,284
CHR16	6992986	CHR16:6992986	SSF x Far_LoA	-6,381	0,175	0,292
CHR16	6993021	CHR16:6993021	SSF x Far_LoA	-7,234	0,192	0,279

CHR16	6993118	CHR16:6993118	SSF x Far_LoA	-8,789	-0,041	0,299
CHR16	6993164	CHR16:6993164	SSF x Far_LoA	-9,292	-0,129	0,296
CHR16	6993190	CHR16:6993190	SSF x Far_LoA	-7,722	0,176	0,276
CHR16	6993212	CHR16:6993212	SSF x Far_LoA	-1,238	0,205	0,288
CHR16	6997232	CHR16:6997232	SSF x Far_LoA	-7,710	-0,013	0,303
CHR16	6997323	CHR16:6997323	SSF x Far_LoA	-5,559	-0,207	0,287
CHR16	7004412	CHR16:7004412	SSF x Far_LoA	-9,119	0,001	0,288
CHR16	7025433	CHR16:7025433	SSF x Far_LoA	-9,279	-0,106	0,280
CHR16	7025513	CHR16:7025513	SSF x Far_LoA	-10,442	0,066	0,306
CHR16	7025594	CHR16:7025594	SSF x Far_LoA	-10,266	-0,042	0,291
CHR16	7039014	CHR16:7039014	SSF x Far_LoA	-11,745	-0,057	0,298
CHR16	7060599	CHR16:7060599	SSF x Far_LoA	-10,658	0,008	0,289
CHR16	707749	CHR16:707749	SSF x Far_LoA	-5,445	0,091	0,290
CHR16	707865	CHR16:707865	SSF x Far_LoA	-10,679	0,070	0,291
CHR16	707869	CHR16:707869	SSF x Far_LoA	-10,587	-0,117	0,284
CHR16	707959	CHR16:707959	SSF x Far_LoA	-8,069	-0,037	0,291
CHR16	7086880	CHR16:7086880	SSF x Far_LoA	-9,255	-0,068	0,285
CHR16	7092644	CHR16:7092644	SSF x Far_LoA	-8,396	0,045	0,298
CHR16	7092799	CHR16:7092799	SSF x Far_LoA	-8,497	-0,168	0,292
CHR16	7107853	CHR16:7107853	SSF x Far_LoA	-9,631	0,000	0,298
CHR16	710913	CHR16:710913	SSF x Far_LoA	-9,741	-0,104	0,296
CHR16	710958	CHR16:710958	SSF x Far_LoA	-10,268	0,032	0,289
CHR16	711040	CHR16:711040	SSF x Far_LoA	-10,288	0,023	0,287
CHR16	711072	CHR16:711072	SSF x Far_LoA	-10,250	-0,053	0,295
CHR16	711117	CHR16:711117	SSF x Far_LoA	-10,898	0,045	0,283
CHR16	7144268	CHR16:7144268	SSF x Far_LoA	-10,184	-0,102	0,294
CHR16	719802	CHR16:719802	SSF x Far_LoA	-9,172	0,151	0,283
CHR16	719849	CHR16:719849	SSF x Far_LoA	-8,157	0,141	0,289
CHR16	719910	CHR16:719910	SSF x Far_LoA	-5,687	-0,014	0,292
CHR16	7227338	CHR16:7227338	SSF x Far_LoA	-1,942	-0,270	0,264
CHR16	7227359	CHR16:7227359	SSF x Far_LoA	-10,850	-0,066	0,296
CHR16	7227466	CHR16:7227466	SSF x Far_LoA	-8,855	-0,084	0,288
CHR16	7233614	CHR16:7233614	SSF x Far_LoA	-8,024	0,003	0,295
CHR16	7233876	CHR16:7233876	SSF x Far_LoA	-8,607	-0,134	0,300
CHR16	7243906	CHR16:7243906	SSF x Far_LoA	-2,710	-0,204	0,288
CHR16	7244042	CHR16:7244042	SSF x Far_LoA	5,746	-0,222	0,290
CHR16	7244318	CHR16:7244318	SSF x Far_LoA	-8,615	-0,060	0,287
CHR16	7253794	CHR16:7253794	SSF x Far_LoA	-10,378	0,065	0,276
CHR16	7253842	CHR16:7253842	SSF x Far_LoA	-8,835	-0,046	0,298
CHR16	7253879	CHR16:7253879	SSF x Far_LoA	-6,307	0,209	0,275
CHR16	7253892	CHR16:7253892	SSF x Far_LoA	-4,175	0,167	0,282
CHR16	7253894	CHR16:7253894	SSF x Far_LoA	-2,761	0,185	0,284
CHR16	7256077	CHR16:7256077	SSF x Far_LoA	-8,583	0,101	0,265
CHR16	7256095	CHR16:7256095	SSF x Far_LoA	-1,759	0,095	0,268
CHR16	7256433	CHR16:7256433	SSF x Far_LoA	-7,049	0,034	0,306
CHR16	725657	CHR16:725657	SSF x Far_LoA	-10,368	0,063	0,290
CHR16	725764	CHR16:725764	SSF x Far_LoA	-8,236	0,038	0,283
CHR16	7263928	CHR16:7263928	SSF x Far_LoA	-9,629	-0,026	0,287
CHR16	7263963	CHR16:7263963	SSF x Far_LoA	-9,285	-0,098	0,293
CHR16	7264027	CHR16:7264027	SSF x Far_LoA	-7,765	0,009	0,284
CHR16	7264063	CHR16:7264063	SSF x Far_LoA	-10,565	0,003	0,288
CHR16	7264071	CHR16:7264071	SSF x Far_LoA	-11,613	-0,012	0,286
CHR16	7264105	CHR16:7264105	SSF x Far_LoA	-6,209	-0,110	0,287

CHR16	7264147	CHR16:7264147	SSF x Far_LoA	-11,005	0,080	0,283
CHR16	7264260	CHR16:7264260	SSF x Far_LoA	-9,572	0,064	0,269
CHR16	7264276	CHR16:7264276	SSF x Far_LoA	-8,766	0,101	0,271
CHR16	7264304	CHR16:7264304	SSF x Far_LoA	0,608	0,219	0,288
CHR16	7275943	CHR16:7275943	SSF x Far_LoA	-7,756	-0,087	0,306
CHR16	7278385	CHR16:7278385	SSF x Far_LoA	-10,416	0,043	0,293
CHR16	7278451	CHR16:7278451	SSF x Far_LoA	-11,179	0,049	0,307
CHR16	7278547	CHR16:7278547	SSF x Far_LoA	-8,772	-0,001	0,298
CHR16	7278625	CHR16:7278625	SSF x Far_LoA	-9,431	0,119	0,274
CHR16	7278652	CHR16:7278652	SSF x Far_LoA	-10,114	0,046	0,301
CHR16	7281666	CHR16:7281666	SSF x Far_LoA	-11,327	-0,002	0,303
CHR16	7281781	CHR16:7281781	SSF x Far_LoA	-10,272	-0,078	0,275
CHR16	7281824	CHR16:7281824	SSF x Far_LoA	-11,427	-0,060	0,295
CHR16	7289257	CHR16:7289257	SSF x Far_LoA	-8,922	0,109	0,300
CHR16	7289266	CHR16:7289266	SSF x Far_LoA	-9,544	0,005	0,291
CHR16	7289311	CHR16:7289311	SSF x Far_LoA	-11,523	-0,079	0,297
CHR16	7289360	CHR16:7289360	SSF x Far_LoA	-9,077	-0,033	0,300
CHR16	7289397	CHR16:7289397	SSF x Far_LoA	-9,292	0,029	0,290
CHR16	7290592	CHR16:7290592	SSF x Far_LoA	-8,583	-0,074	0,295
CHR16	7290664	CHR16:7290664	SSF x Far_LoA	-9,454	-0,013	0,298
CHR16	7290746	CHR16:7290746	SSF x Far_LoA	-10,273	0,109	0,294
CHR16	7296014	CHR16:7296014	SSF x Far_LoA	-8,881	0,042	0,306
CHR16	7296097	CHR16:7296097	SSF x Far_LoA	-9,865	0,094	0,281
CHR16	7296111	CHR16:7296111	SSF x Far_LoA	-8,284	-0,120	0,269
CHR16	7296207	CHR16:7296207	SSF x Far_LoA	-9,158	0,095	0,282
CHR16	7296248	CHR16:7296248	SSF x Far_LoA	-9,251	-0,027	0,280
CHR16	7296251	CHR16:7296251	SSF x Far_LoA	-6,429	-0,084	0,295
CHR16	730420	CHR16:730420	SSF x Far_LoA	-10,070	0,015	0,287
CHR16	730447	CHR16:730447	SSF x Far_LoA	-11,171	0,034	0,293
CHR16	730454	CHR16:730454	SSF x Far_LoA	-7,832	-0,031	0,271
CHR16	7306295	CHR16:7306295	SSF x Far_LoA	-10,471	-0,065	0,297
CHR16	7306342	CHR16:7306342	SSF x Far_LoA	-11,127	-0,070	0,306
CHR16	7306514	CHR16:7306514	SSF x Far_LoA	-9,513	0,151	0,273
CHR16	7306619	CHR16:7306619	SSF x Far_LoA	-7,959	0,107	0,287
CHR16	7312920	CHR16:7312920	SSF x Far_LoA	-9,412	-0,065	0,297
CHR16	7312979	CHR16:7312979	SSF x Far_LoA	-9,385	0,082	0,287
CHR16	7312982	CHR16:7312982	SSF x Far_LoA	-8,905	0,080	0,283
CHR16	7312992	CHR16:7312992	SSF x Far_LoA	-9,486	0,082	0,297
CHR16	7313088	CHR16:7313088	SSF x Far_LoA	-10,982	0,002	0,288
CHR16	7314530	CHR16:7314530	SSF x Far_LoA	-8,905	-0,060	0,265
CHR16	7314541	CHR16:7314541	SSF x Far_LoA	-7,271	0,046	0,280
CHR16	7314616	CHR16:7314616	SSF x Far_LoA	-7,753	-0,061	0,279
CHR16	7315249	CHR16:7315249	SSF x Far_LoA	-10,184	0,018	0,292
CHR16	7319196	CHR16:7319196	SSF x Far_LoA	-10,352	0,106	0,294
CHR16	7319335	CHR16:7319335	SSF x Far_LoA	-11,372	0,006	0,300
CHR16	7319387	CHR16:7319387	SSF x Far_LoA	-5,682	-0,138	0,293
CHR16	7323805	CHR16:7323805	SSF x Far_LoA	-11,546	0,048	0,284
CHR16	7323950	CHR16:7323950	SSF x Far_LoA	-8,722	0,088	0,282
CHR16	7325355	CHR16:7325355	SSF x Far_LoA	-11,083	-0,061	0,291
CHR16	7325468	CHR16:7325468	SSF x Far_LoA	-9,084	0,165	0,290
CHR16	7325536	CHR16:7325536	SSF x Far_LoA	-8,047	-0,053	0,280
CHR16	7328639	CHR16:7328639	SSF x Far_LoA	-9,395	0,031	0,307
CHR16	7328641	CHR16:7328641	SSF x Far_LoA	-10,236	-0,103	0,284

CHR16	7328783	CHR16:7328783	SSF x Far_LoA	-9,433	-0,055	0,301
CHR16	7343015	CHR16:7343015	SSF x Far_LoA	-10,121	-0,123	0,301
CHR16	7343084	CHR16:7343084	SSF x Far_LoA	-5,677	0,213	0,279
CHR16	7343176	CHR16:7343176	SSF x Far_LoA	-9,790	-0,001	0,292
CHR16	7345911	CHR16:7345911	SSF x Far_LoA	-10,399	-0,015	0,313
CHR16	7345914	CHR16:7345914	SSF x Far_LoA	-5,352	0,211	0,281
CHR16	7345972	CHR16:7345972	SSF x Far_LoA	-9,634	0,054	0,297
CHR16	7350254	CHR16:7350254	SSF x Far_LoA	-9,372	-0,114	0,287
CHR16	7350397	CHR16:7350397	SSF x Far_LoA	-4,852	0,139	0,296
CHR16	7350408	CHR16:7350408	SSF x Far_LoA	-8,755	0,077	0,295
CHR16	7350409	CHR16:7350409	SSF x Far_LoA	-8,285	0,066	0,305
CHR16	7354951	CHR16:7354951	SSF x Far_LoA	-10,968	-0,052	0,276
CHR16	7354970	CHR16:7354970	SSF x Far_LoA	-10,998	-0,061	0,286
CHR16	7354974	CHR16:7354974	SSF x Far_LoA	-11,109	-0,053	0,285
CHR16	7355028	CHR16:7355028	SSF x Far_LoA	-11,625	0,037	0,284
CHR16	7355060	CHR16:7355060	SSF x Far_LoA	-9,050	-0,045	0,273
CHR16	7355064	CHR16:7355064	SSF x Far_LoA	-5,492	-0,033	0,290
CHR16	7355065	CHR16:7355065	SSF x Far_LoA	-8,712	-0,004	0,298
CHR16	7355108	CHR16:7355108	SSF x Far_LoA	-10,771	0,095	0,281
CHR16	7355154	CHR16:7355154	SSF x Far_LoA	-9,370	-0,062	0,295
CHR16	7363989	CHR16:7363989	SSF x Far_LoA	-12,259	-0,032	0,276
CHR16	7363990	CHR16:7363990	SSF x Far_LoA	-8,833	-0,146	0,284
CHR16	7365949	CHR16:7365949	SSF x Far_LoA	-9,421	0,009	0,272
CHR16	7365950	CHR16:7365950	SSF x Far_LoA	-10,587	0,003	0,278
CHR16	7366009	CHR16:7366009	SSF x Far_LoA	-10,373	-0,032	0,282
CHR16	7366075	CHR16:7366075	SSF x Far_LoA	-11,266	0,009	0,295
CHR16	7367298	CHR16:7367298	SSF x Far_LoA	-3,708	-0,222	0,272
CHR16	7367310	CHR16:7367310	SSF x Far_LoA	-4,626	-0,177	0,278
CHR16	7376535	CHR16:7376535	SSF x Far_LoA	-11,991	0,039	0,289
CHR16	7390686	CHR16:7390686	SSF x Far_LoA	-7,842	0,071	0,302
CHR16	7390702	CHR16:7390702	SSF x Far_LoA	-8,914	0,131	0,281
CHR16	7392353	CHR16:7392353	SSF x Far_LoA	-9,327	-0,068	0,297
CHR16	7392354	CHR16:7392354	SSF x Far_LoA	-8,851	-0,062	0,294
CHR16	7392367	CHR16:7392367	SSF x Far_LoA	-2,936	-0,139	0,301
CHR16	7392388	CHR16:7392388	SSF x Far_LoA	-9,369	-0,086	0,283
CHR16	7392404	CHR16:7392404	SSF x Far_LoA	-7,847	-0,085	0,278
CHR16	7392408	CHR16:7392408	SSF x Far_LoA	-9,194	-0,096	0,293
CHR16	7392414	CHR16:7392414	SSF x Far_LoA	-7,897	-0,077	0,292
CHR16	7398585	CHR16:7398585	SSF x Far_LoA	-9,371	-0,127	0,290
CHR16	7398693	CHR16:7398693	SSF x Far_LoA	-7,507	-0,170	0,268
CHR16	7406482	CHR16:7406482	SSF x Far_LoA	-10,855	-0,093	0,294
CHR16	7416255	CHR16:7416255	SSF x Far_LoA	-7,986	0,150	0,291
CHR16	742307	CHR16:742307	SSF x Far_LoA	-8,294	0,007	0,299
CHR16	7467424	CHR16:7467424	SSF x Far_LoA	-11,911	0,020	0,284
CHR16	7473157	CHR16:7473157	SSF x Far_LoA	-10,312	0,058	0,293
CHR16	7473387	CHR16:7473387	SSF x Far_LoA	-7,156	-0,079	0,281
CHR16	7473529	CHR16:7473529	SSF x Far_LoA	-7,682	-0,037	0,293
CHR16	7495357	CHR16:7495357	SSF x Far_LoA	-9,002	0,001	0,290
CHR16	7495368	CHR16:7495368	SSF x Far_LoA	-9,916	-0,113	0,280
CHR16	7524700	CHR16:7524700	SSF x Far_LoA	-9,605	0,150	0,294
CHR16	7538023	CHR16:7538023	SSF x Far_LoA	-8,298	0,034	0,292
CHR16	7538139	CHR16:7538139	SSF x Far_LoA	-6,444	0,121	0,293
CHR16	7570493	CHR16:7570493	SSF x Far_LoA	-7,635	-0,030	0,312

CHR16	7577886	CHR16:7577886	SSF x Far_LoA	-7,899	0,102	0,282
CHR16	7585356	CHR16:7585356	SSF x Far_LoA	-9,932	-0,070	0,295
CHR16	7585492	CHR16:7585492	SSF x Far_LoA	-8,176	-0,061	0,273
CHR16	7585530	CHR16:7585530	SSF x Far_LoA	-8,537	-0,135	0,296
CHR16	7585545	CHR16:7585545	SSF x Far_LoA	-9,845	-0,028	0,282
CHR16	7585546	CHR16:7585546	SSF x Far_LoA	-9,902	0,031	0,287
CHR16	7594261	CHR16:7594261	SSF x Far_LoA	-10,982	-0,070	0,293
CHR16	7606553	CHR16:7606553	SSF x Far_LoA	-10,890	-0,089	0,296
CHR16	7613341	CHR16:7613341	SSF x Far_LoA	-10,724	0,004	0,296
CHR16	7613357	CHR16:7613357	SSF x Far_LoA	-10,280	0,028	0,286
CHR16	7613392	CHR16:7613392	SSF x Far_LoA	-8,791	0,023	0,289
CHR16	7622946	CHR16:7622946	SSF x Far_LoA	-7,868	0,102	0,289
CHR16	7623028	CHR16:7623028	SSF x Far_LoA	-9,104	0,004	0,293
CHR16	763137	CHR16:763137	SSF x Far_LoA	-11,746	0,028	0,304
CHR16	763170	CHR16:763170	SSF x Far_LoA	-7,388	0,083	0,300
CHR16	7642645	CHR16:7642645	SSF x Far_LoA	-5,234	-0,112	0,281
CHR16	7642828	CHR16:7642828	SSF x Far_LoA	-10,523	-0,004	0,291
CHR16	7645242	CHR16:7645242	SSF x Far_LoA	-8,426	-0,056	0,298
CHR16	7657928	CHR16:7657928	SSF x Far_LoA	-10,214	0,100	0,289
CHR16	7665647	CHR16:7665647	SSF x Far_LoA	-9,948	0,040	0,302
CHR16	7665689	CHR16:7665689	SSF x Far_LoA	-10,017	0,096	0,293
CHR16	7679783	CHR16:7679783	SSF x Far_LoA	-11,709	-0,008	0,290
CHR16	7679784	CHR16:7679784	SSF x Far_LoA	-9,761	0,008	0,289
CHR16	7679850	CHR16:7679850	SSF x Far_LoA	-11,289	-0,001	0,302
CHR16	7679933	CHR16:7679933	SSF x Far_LoA	-10,343	-0,094	0,292
CHR16	7679955	CHR16:7679955	SSF x Far_LoA	-6,167	-0,073	0,288
CHR16	7679969	CHR16:7679969	SSF x Far_LoA	-7,397	0,169	0,286
CHR16	7680687	CHR16:7680687	SSF x Far_LoA	-8,648	0,071	0,288
CHR16	7680816	CHR16:7680816	SSF x Far_LoA	-10,970	-0,100	0,305
CHR16	7689888	CHR16:7689888	SSF x Far_LoA	-9,288	-0,034	0,306
CHR16	7690008	CHR16:7690008	SSF x Far_LoA	-7,451	0,111	0,289
CHR16	7696473	CHR16:7696473	SSF x Far_LoA	-10,164	0,136	0,284
CHR16	7703469	CHR16:7703469	SSF x Far_LoA	-10,777	0,006	0,301
CHR16	7703503	CHR16:7703503	SSF x Far_LoA	-10,470	-0,004	0,295
CHR16	7703563	CHR16:7703563	SSF x Far_LoA	-11,629	0,094	0,278
CHR16	7703640	CHR16:7703640	SSF x Far_LoA	-9,512	0,017	0,296
CHR16	7726368	CHR16:7726368	SSF x Far_LoA	-9,858	0,019	0,284
CHR16	7726523	CHR16:7726523	SSF x Far_LoA	-9,408	-0,118	0,285
CHR16	7750623	CHR16:7750623	SSF x Far_LoA	-8,406	0,062	0,292
CHR16	7750747	CHR16:7750747	SSF x Far_LoA	-10,732	-0,069	0,300
CHR16	7751713	CHR16:7751713	SSF x Far_LoA	-9,479	-0,087	0,283
CHR16	7782902	CHR16:7782902	SSF x Far_LoA	-10,428	0,081	0,310
CHR16	7788981	CHR16:7788981	SSF x Far_LoA	-9,541	-0,040	0,276
CHR16	7796021	CHR16:7796021	SSF x Far_LoA	-9,924	-0,026	0,297
CHR16	7803789	CHR16:7803789	SSF x Far_LoA	-10,985	-0,059	0,289
CHR16	7803886	CHR16:7803886	SSF x Far_LoA	-9,201	0,083	0,285
CHR16	7803966	CHR16:7803966	SSF x Far_LoA	-10,590	-0,031	0,279
CHR16	7831668	CHR16:7831668	SSF x Far_LoA	-8,149	0,051	0,294
CHR16	7831728	CHR16:7831728	SSF x Far_LoA	-8,238	0,071	0,293
CHR16	7835262	CHR16:7835262	SSF x Far_LoA	-11,247	0,065	0,289
CHR16	7842625	CHR16:7842625	SSF x Far_LoA	-7,970	-0,080	0,306
CHR16	7842633	CHR16:7842633	SSF x Far_LoA	-9,272	-0,030	0,306
CHR16	7842634	CHR16:7842634	SSF x Far_LoA	-8,381	-0,018	0,312

CHR16	7842651	CHR16:7842651	SSF x Far_LoA	-9,235	-0,019	0,302
CHR16	7842667	CHR16:7842667	SSF x Far_LoA	-7,273	-0,012	0,313
CHR16	7842671	CHR16:7842671	SSF x Far_LoA	-7,044	-0,017	0,306
CHR16	7842680	CHR16:7842680	SSF x Far_LoA	-9,320	-0,067	0,298
CHR16	7842696	CHR16:7842696	SSF x Far_LoA	-9,254	-0,007	0,303
CHR16	7842701	CHR16:7842701	SSF x Far_LoA	-8,219	0,005	0,306
CHR16	7851741	CHR16:7851741	SSF x Far_LoA	-8,579	0,073	0,282
CHR16	7851929	CHR16:7851929	SSF x Far_LoA	-7,175	0,095	0,284
CHR16	7858505	CHR16:7858505	SSF x Far_LoA	-8,157	0,086	0,301
CHR16	7858510	CHR16:7858510	SSF x Far_LoA	-8,020	0,083	0,290
CHR16	7858513	CHR16:7858513	SSF x Far_LoA	-7,561	0,086	0,291
CHR16	7858518	CHR16:7858518	SSF x Far_LoA	-7,148	0,106	0,294
CHR16	7862049	CHR16:7862049	SSF x Far_LoA	-8,683	0,023	0,309
CHR16	7862095	CHR16:7862095	SSF x Far_LoA	-7,912	0,069	0,292
CHR16	7863404	CHR16:7863404	SSF x Far_LoA	-10,337	-0,051	0,295
CHR16	7863557	CHR16:7863557	SSF x Far_LoA	-6,743	0,103	0,295
CHR16	7865668	CHR16:7865668	SSF x Far_LoA	-11,435	0,024	0,300
CHR16	7865753	CHR16:7865753	SSF x Far_LoA	-11,982	-0,053	0,276
CHR16	7875827	CHR16:7875827	SSF x Far_LoA	-5,584	0,049	0,297
CHR16	7897079	CHR16:7897079	SSF x Far_LoA	-9,807	-0,181	0,278
CHR16	7897595	CHR16:7897595	SSF x Far_LoA	-5,742	0,101	0,289
CHR16	7932044	CHR16:7932044	SSF x Far_LoA	-10,604	0,010	0,284
CHR16	7932068	CHR16:7932068	SSF x Far_LoA	-4,817	0,004	0,293
CHR16	7932144	CHR16:7932144	SSF x Far_LoA	-8,474	0,010	0,312
CHR16	7932191	CHR16:7932191	SSF x Far_LoA	-8,354	0,037	0,295
CHR16	7932262	CHR16:7932262	SSF x Far_LoA	-8,805	-0,092	0,280
CHR16	7932292	CHR16:7932292	SSF x Far_LoA	-8,674	-0,017	0,299
CHR16	7932312	CHR16:7932312	SSF x Far_LoA	-11,103	-0,043	0,284
CHR16	7932335	CHR16:7932335	SSF x Far_LoA	-9,279	-0,004	0,297
CHR16	7932463	CHR16:7932463	SSF x Far_LoA	-8,778	-0,088	0,290
CHR16	7936771	CHR16:7936771	SSF x Far_LoA	-8,597	-0,097	0,304
CHR16	7936787	CHR16:7936787	SSF x Far_LoA	-8,536	-0,125	0,294
CHR16	7944161	CHR16:7944161	SSF x Far_LoA	-9,308	-0,038	0,284
CHR16	795970	CHR16:795970	SSF x Far_LoA	-6,986	0,031	0,297
CHR16	795985	CHR16:795985	SSF x Far_LoA	-10,862	0,100	0,274
CHR16	795994	CHR16:795994	SSF x Far_LoA	-8,484	-0,026	0,297
CHR16	7961087	CHR16:7961087	SSF x Far_LoA	-8,697	-0,013	0,281
CHR16	796705	CHR16:796705	SSF x Far_LoA	-9,869	-0,038	0,300
CHR16	796745	CHR16:796745	SSF x Far_LoA	-8,032	0,141	0,279
CHR16	796754	CHR16:796754	SSF x Far_LoA	-6,766	0,148	0,292
CHR16	7981258	CHR16:7981258	SSF x Far_LoA	-5,739	0,029	0,300
CHR16	7999023	CHR16:7999023	SSF x Far_LoA	-7,686	-0,016	0,300
CHR16	7999076	CHR16:7999076	SSF x Far_LoA	-8,889	-0,084	0,296
CHR16	7999231	CHR16:7999231	SSF x Far_LoA	-5,522	0,104	0,272
CHR16	7999305	CHR16:7999305	SSF x Far_LoA	-9,201	0,017	0,294
CHR16	8015791	CHR16:8015791	SSF x Far_LoA	-7,038	-0,077	0,272
CHR16	8023052	CHR16:8023052	SSF x Far_LoA	-9,177	-0,003	0,298
CHR16	8023180	CHR16:8023180	SSF x Far_LoA	-8,788	-0,005	0,305
CHR16	8026361	CHR16:8026361	SSF x Far_LoA	-9,050	-0,075	0,282
CHR16	8062383	CHR16:8062383	SSF x Far_LoA	-10,272	0,048	0,266
CHR16	8062472	CHR16:8062472	SSF x Far_LoA	-10,410	0,069	0,298
CHR16	8102147	CHR16:8102147	SSF x Far_LoA	-8,069	-0,079	0,305
CHR16	8102326	CHR16:8102326	SSF x Far_LoA	-8,416	-0,083	0,278

CHR16	8144281	CHR16:8144281	SSF x Far_LoA	-9,065	-0,010	0,295
CHR16	8154696	CHR16:8154696	SSF x Far_LoA	-7,899	-0,102	0,274
CHR16	8155140	CHR16:8155140	SSF x Far_LoA	-9,140	0,048	0,291
CHR16	8177162	CHR16:8177162	SSF x Far_LoA	-7,505	-0,058	0,286
CHR16	8212427	CHR16:8212427	SSF x Far_LoA	-9,569	0,009	0,274
CHR16	8222049	CHR16:8222049	SSF x Far_LoA	-8,935	0,036	0,286
CHR16	8232201	CHR16:8232201	SSF x Far_LoA	-11,238	0,024	0,299
CHR16	8232225	CHR16:8232225	SSF x Far_LoA	-10,374	0,004	0,292
CHR16	8232493	CHR16:8232493	SSF x Far_LoA	-11,582	-0,002	0,282
CHR16	8308040	CHR16:8308040	SSF x Far_LoA	-8,903	0,135	0,287
CHR16	8308158	CHR16:8308158	SSF x Far_LoA	-10,310	0,080	0,290
CHR16	832986	CHR16:832986	SSF x Far_LoA	-8,580	-0,086	0,281
CHR16	8374062	CHR16:8374062	SSF x Far_LoA	-8,642	-0,020	0,294
CHR16	837823	CHR16:837823	SSF x Far_LoA	-10,493	-0,067	0,294
CHR16	837855	CHR16:837855	SSF x Far_LoA	-11,673	0,054	0,287
CHR16	837914	CHR16:837914	SSF x Far_LoA	-12,090	0,072	0,280
CHR16	8379340	CHR16:8379340	SSF x Far_LoA	-8,912	-0,050	0,303
CHR16	838047	CHR16:838047	SSF x Far_LoA	-6,223	0,222	0,277
CHR16	8396944	CHR16:8396944	SSF x Far_LoA	-5,346	-0,052	0,291
CHR16	843139	CHR16:843139	SSF x Far_LoA	-11,861	0,087	0,279
CHR16	843169	CHR16:843169	SSF x Far_LoA	-7,473	-0,122	0,295
CHR16	843339	CHR16:843339	SSF x Far_LoA	-10,027	0,086	0,289
CHR16	8472315	CHR16:8472315	SSF x Far_LoA	-8,890	-0,083	0,275
CHR16	8486819	CHR16:8486819	SSF x Far_LoA	-3,013	-0,112	0,301
CHR16	8487138	CHR16:8487138	SSF x Far_LoA	-8,968	-0,062	0,287
CHR16	8493205	CHR16:8493205	SSF x Far_LoA	-9,481	0,074	0,290
CHR16	851636	CHR16:851636	SSF x Far_LoA	-11,196	-0,041	0,277
CHR16	851757	CHR16:851757	SSF x Far_LoA	-9,119	0,028	0,276
CHR16	853469	CHR16:853469	SSF x Far_LoA	-12,010	-0,036	0,285
CHR16	854837	CHR16:854837	SSF x Far_LoA	-8,136	0,017	0,310
CHR16	854948	CHR16:854948	SSF x Far_LoA	-10,190	-0,052	0,294
CHR16	857277	CHR16:857277	SSF x Far_LoA	-8,502	-0,038	0,299
CHR16	8693510	CHR16:8693510	SSF x Far_LoA	-8,949	-0,096	0,285
CHR16	8719667	CHR16:8719667	SSF x Far_LoA	-7,082	-0,104	0,291
CHR16	8719843	CHR16:8719843	SSF x Far_LoA	-11,294	-0,029	0,296
CHR16	8734714	CHR16:8734714	SSF x Far_LoA	-8,397	0,046	0,292
CHR16	8734722	CHR16:8734722	SSF x Far_LoA	-9,042	0,141	0,285
CHR16	8756376	CHR16:8756376	SSF x Far_LoA	-8,627	-0,005	0,291
CHR16	8802717	CHR16:8802717	SSF x Far_LoA	-10,390	0,028	0,287
CHR16	8831768	CHR16:8831768	SSF x Far_LoA	-8,689	-0,044	0,285
CHR16	886363	CHR16:886363	SSF x Far_LoA	-8,588	0,041	0,267
CHR16	886422	CHR16:886422	SSF x Far_LoA	-6,509	-0,026	0,303
CHR16	886454	CHR16:886454	SSF x Far_LoA	-9,027	0,005	0,292
CHR16	8884287	CHR16:8884287	SSF x Far_LoA	-10,678	-0,034	0,287
CHR16	894467	CHR16:894467	SSF x Far_LoA	-5,838	0,156	0,292
CHR16	894513	CHR16:894513	SSF x Far_LoA	-8,434	-0,030	0,285
CHR16	904552	CHR16:904552	SSF x Far_LoA	-12,137	0,041	0,287
CHR16	904777	CHR16:904777	SSF x Far_LoA	-10,633	-0,039	0,290
CHR16	904789	CHR16:904789	SSF x Far_LoA	-10,880	-0,022	0,290
CHR16	904798	CHR16:904798	SSF x Far_LoA	-9,519	-0,048	0,291
CHR16	904809	CHR16:904809	SSF x Far_LoA	-6,444	0,007	0,293
CHR16	904850	CHR16:904850	SSF x Far_LoA	-3,234	0,126	0,287
CHR16	904859	CHR16:904859	SSF x Far_LoA	-11,298	-0,088	0,291

CHR16	904863	CHR16:904863	SSF x Far_LoA	-9,696	0,060	0,282
CHR16	904899	CHR16:904899	SSF x Far_LoA	-8,820	0,024	0,293
CHR16	927281	CHR16:927281	SSF x Far_LoA	-10,623	-0,036	0,287
CHR16	927292	CHR16:927292	SSF x Far_LoA	-9,764	0,015	0,289
CHR16	936060	CHR16:936060	SSF x Far_LoA	-4,519	-0,061	0,298
CHR16	936104	CHR16:936104	SSF x Far_LoA	-10,809	-0,029	0,273
CHR16	936107	CHR16:936107	SSF x Far_LoA	-8,219	-0,143	0,280
CHR16	936170	CHR16:936170	SSF x Far_LoA	-10,208	0,107	0,300
CHR16	936208	CHR16:936208	SSF x Far_LoA	-8,982	-0,075	0,286
CHR16	936217	CHR16:936217	SSF x Far_LoA	-12,549	0,026	0,293
CHR16	936265	CHR16:936265	SSF x Far_LoA	-6,993	0,004	0,302
CHR16	936294	CHR16:936294	SSF x Far_LoA	-9,739	0,029	0,264
CHR16	936336	CHR16:936336	SSF x Far_LoA	-9,493	0,065	0,293
CHR16	938674	CHR16:938674	SSF x Far_LoA	-9,909	-0,008	0,282
CHR16	938690	CHR16:938690	SSF x Far_LoA	-9,235	-0,025	0,299
CHR16	943899	CHR16:943899	SSF x Far_LoA	-7,125	0,082	0,304
CHR16	943988	CHR16:943988	SSF x Far_LoA	-9,939	0,042	0,307
CHR16	966640	CHR16:966640	SSF x Far_LoA	-7,939	-0,015	0,299
CHR16	966726	CHR16:966726	SSF x Far_LoA	-10,122	-0,093	0,304
CHR16	966731	CHR16:966731	SSF x Far_LoA	-11,106	-0,117	0,269
CHR16	966818	CHR16:966818	SSF x Far_LoA	-9,607	-0,124	0,286
CHR16	986367	CHR16:986367	SSF x Far_LoA	-8,425	-0,101	0,285
CHR16	986386	CHR16:986386	SSF x Far_LoA	-7,915	0,146	0,278
CHR16	986394	CHR16:986394	SSF x Far_LoA	-8,636	-0,019	0,282
CHR16	986397	CHR16:986397	SSF x Far_LoA	-7,758	-0,003	0,301
CHR16	986404	CHR16:986404	SSF x Far_LoA	-10,024	0,027	0,276
CHR16	986490	CHR16:986490	SSF x Far_LoA	-9,619	-0,013	0,295
CHR16	987617	CHR16:987617	SSF x Far_LoA	-9,668	-0,076	0,299
CHR17	1E+07	CHR17:10003694	SSF x Far_LoA	-7,445	-0,067	0,303
CHR17	1E+07	CHR17:10003806	SSF x Far_LoA	-8,721	-0,090	0,297
CHR17	1E+07	CHR17:10003818	SSF x Far_LoA	-8,878	0,060	0,307
CHR17	1E+07	CHR17:10020438	SSF x Far_LoA	-9,547	0,083	0,290
CHR17	1E+07	CHR17:10020603	SSF x Far_LoA	-5,934	0,020	0,308
CHR17	1E+07	CHR17:10020714	SSF x Far_LoA	-9,307	-0,059	0,291
CHR17	1E+07	CHR17:10020737	SSF x Far_LoA	-10,326	0,022	0,292
CHR17	1003375	CHR17:1003375	SSF x Far_LoA	-10,687	-0,111	0,292
CHR17	1003379	CHR17:1003379	SSF x Far_LoA	-10,707	-0,074	0,294
CHR17	1003397	CHR17:1003397	SSF x Far_LoA	-3,903	0,072	0,292
CHR17	1003467	CHR17:1003467	SSF x Far_LoA	-8,358	-0,050	0,289
CHR17	1003539	CHR17:1003539	SSF x Far_LoA	-10,408	-0,059	0,280
CHR17	1003599	CHR17:1003599	SSF x Far_LoA	-10,883	0,022	0,290
CHR17	1E+07	CHR17:10049686	SSF x Far_LoA	-8,522	0,008	0,297
CHR17	1E+07	CHR17:10084826	SSF x Far_LoA	-9,524	-0,088	0,306
CHR17	1E+07	CHR17:10092844	SSF x Far_LoA	-9,966	-0,004	0,298
CHR17	1E+07	CHR17:10099946	SSF x Far_LoA	-9,759	-0,073	0,290
CHR17	1E+07	CHR17:10099983	SSF x Far_LoA	-10,730	-0,001	0,297
CHR17	1E+07	CHR17:10108838	SSF x Far_LoA	-7,713	-0,053	0,295
CHR17	1E+07	CHR17:10108876	SSF x Far_LoA	-11,282	0,008	0,281
CHR17	1E+07	CHR17:10108880	SSF x Far_LoA	-10,008	-0,089	0,297
CHR17	1E+07	CHR17:10108903	SSF x Far_LoA	-8,430	-0,080	0,297
CHR17	1E+07	CHR17:10109237	SSF x Far_LoA	-10,250	-0,082	0,301
CHR17	1E+07	CHR17:10111030	SSF x Far_LoA	-7,056	0,062	0,294
CHR17	1E+07	CHR17:10111036	SSF x Far_LoA	-9,675	-0,091	0,285

CHR17	1E+07	CHR17:1012571C	SSF x Far_LoA	-5,310	0,196	0,286
CHR17	1E+07	CHR17:10125752	SSF x Far_LoA	-8,552	-0,077	0,297
CHR17	1E+07	CHR17:10125754	SSF x Far_LoA	-5,322	-0,073	0,296
CHR17	1E+07	CHR17:1012583C	SSF x Far_LoA	-11,580	0,035	0,287
CHR17	1E+07	CHR17:10125837	SSF x Far_LoA	-12,492	-0,005	0,279
CHR17	1E+07	CHR17:1013437C	SSF x Far_LoA	-10,591	0,027	0,302
CHR17	1E+07	CHR17:10134402	SSF x Far_LoA	-8,969	-0,081	0,289
CHR17	1E+07	CHR17:10134408	SSF x Far_LoA	-9,047	0,020	0,294
CHR17	1E+07	CHR17:10134458	SSF x Far_LoA	-7,245	-0,111	0,280
CHR17	1E+07	CHR17:10138242	SSF x Far_LoA	-9,471	-0,053	0,291
CHR17	1E+07	CHR17:1013828C	SSF x Far_LoA	-10,373	-0,034	0,275
CHR17	1E+07	CHR17:10142279	SSF x Far_LoA	-10,799	-0,010	0,295
CHR17	1E+07	CHR17:10142483	SSF x Far_LoA	-7,941	0,200	0,282
CHR17	1E+07	CHR17:10159602	SSF x Far_LoA	-8,265	-0,014	0,273
CHR17	1E+07	CHR17:10159713	SSF x Far_LoA	-5,131	-0,103	0,294
CHR17	1E+07	CHR17:1015972C	SSF x Far_LoA	-6,777	0,159	0,277
CHR17	1E+07	CHR17:10159745	SSF x Far_LoA	-11,087	-0,025	0,280
CHR17	1E+07	CHR17:10159797	SSF x Far_LoA	-10,229	0,001	0,297
CHR17	1E+07	CHR17:10161446	SSF x Far_LoA	-7,621	0,077	0,286
CHR17	1E+07	CHR17:10165872	SSF x Far_LoA	-8,244	-0,015	0,301
CHR17	1E+07	CHR17:10166734	SSF x Far_LoA	-8,313	-0,087	0,292
CHR17	1E+07	CHR17:10166782	SSF x Far_LoA	-11,658	-0,075	0,288
CHR17	1E+07	CHR17:10166783	SSF x Far_LoA	-10,032	0,102	0,280
CHR17	1E+07	CHR17:10166812	SSF x Far_LoA	-8,776	0,060	0,289
CHR17	1E+07	CHR17:10166819	SSF x Far_LoA	-7,951	0,083	0,284
CHR17	1016792	CHR17:1016792	SSF x Far_LoA	-10,250	0,077	0,285
CHR17	1016862	CHR17:1016862	SSF x Far_LoA	-6,234	-0,041	0,280
CHR17	1016932	CHR17:1016932	SSF x Far_LoA	-9,813	0,011	0,291
CHR17	1017091	CHR17:1017091	SSF x Far_LoA	-7,352	0,106	0,301
CHR17	1017103	CHR17:1017103	SSF x Far_LoA	-5,742	0,126	0,290
CHR17	1E+07	CHR17:10173761	SSF x Far_LoA	-10,446	0,055	0,307
CHR17	1E+07	CHR17:10173784	SSF x Far_LoA	-9,319	0,108	0,299
CHR17	1E+07	CHR17:10176135	SSF x Far_LoA	-8,404	-0,017	0,301
CHR17	1E+07	CHR17:10176203	SSF x Far_LoA	-10,386	0,033	0,300
CHR17	1E+07	CHR17:10176323	SSF x Far_LoA	-10,275	-0,043	0,283
CHR17	1E+07	CHR17:10176391	SSF x Far_LoA	-8,543	0,037	0,294
CHR17	1E+07	CHR17:10176396	SSF x Far_LoA	-9,247	-0,033	0,305
CHR17	1E+07	CHR17:10176463	SSF x Far_LoA	-3,863	0,116	0,267
CHR17	1E+07	CHR17:10181653	SSF x Far_LoA	-10,497	-0,030	0,278
CHR17	1E+07	CHR17:10181677	SSF x Far_LoA	-7,599	0,036	0,293
CHR17	1E+07	CHR17:10181688	SSF x Far_LoA	-10,313	-0,065	0,304
CHR17	1E+07	CHR17:10181768	SSF x Far_LoA	-11,393	-0,003	0,295
CHR17	1E+07	CHR17:10181776	SSF x Far_LoA	-11,521	-0,028	0,294
CHR17	1E+07	CHR17:10181788	SSF x Far_LoA	-9,730	-0,056	0,293
CHR17	1E+07	CHR17:1018192C	SSF x Far_LoA	-10,507	0,003	0,290
CHR17	1E+07	CHR17:10181921	SSF x Far_LoA	-7,138	-0,125	0,291
CHR17	1E+07	CHR17:1018197C	SSF x Far_LoA	-9,002	-0,028	0,280
CHR17	1E+07	CHR17:10181981	SSF x Far_LoA	-8,368	-0,065	0,262
CHR17	1E+07	CHR17:10182024	SSF x Far_LoA	-7,321	-0,141	0,285
CHR17	1E+07	CHR17:10182048	SSF x Far_LoA	-9,857	-0,103	0,281
CHR17	1E+07	CHR17:10184332	SSF x Far_LoA	-2,619	-0,146	0,281
CHR17	1E+07	CHR17:10184342	SSF x Far_LoA	-11,410	-0,062	0,283
CHR17	1E+07	CHR17:10184356	SSF x Far_LoA	-11,209	0,071	0,283

CHR17	1E+07	CHR17:10184467	SSF x Far_LoA	-4,163	-0,096	0,291
CHR17	1E+07	CHR17:10184552	SSF x Far_LoA	-10,336	-0,044	0,295
CHR17	1E+07	CHR17:10192423	SSF x Far_LoA	-8,428	-0,037	0,308
CHR17	1E+07	CHR17:10193443	SSF x Far_LoA	-10,329	-0,025	0,294
CHR17	1E+07	CHR17:10193569	SSF x Far_LoA	-10,538	0,024	0,295
CHR17	1E+07	CHR17:10193585	SSF x Far_LoA	-11,088	0,070	0,284
CHR17	1E+07	CHR17:10193685	SSF x Far_LoA	-6,065	-0,019	0,305
CHR17	1E+07	CHR17:10193734	SSF x Far_LoA	-9,339	-0,038	0,289
CHR17	1E+07	CHR17:10199136	SSF x Far_LoA	-10,832	0,040	0,288
CHR17	1E+07	CHR17:10199221	SSF x Far_LoA	-3,629	0,159	0,280
CHR17	1E+07	CHR17:10199229	SSF x Far_LoA	-7,515	-0,156	0,279
CHR17	1E+07	CHR17:10199412	SSF x Far_LoA	-10,497	0,067	0,277
CHR17	1E+07	CHR17:10202226	SSF x Far_LoA	-10,735	0,007	0,295
CHR17	1E+07	CHR17:10202231	SSF x Far_LoA	-10,630	0,026	0,300
CHR17	1E+07	CHR17:10202466	SSF x Far_LoA	-9,352	0,071	0,280
CHR17	1E+07	CHR17:10204287	SSF x Far_LoA	-10,149	0,069	0,283
CHR17	1E+07	CHR17:10204389	SSF x Far_LoA	-10,311	0,062	0,288
CHR17	1E+07	CHR17:10207409	SSF x Far_LoA	-6,886	0,126	0,290
CHR17	1E+07	CHR17:10209429	SSF x Far_LoA	-8,439	0,117	0,306
CHR17	1E+07	CHR17:10209443	SSF x Far_LoA	-10,075	-0,045	0,291
CHR17	1E+07	CHR17:10209491	SSF x Far_LoA	-9,784	-0,123	0,289
CHR17	1E+07	CHR17:10209551	SSF x Far_LoA	-10,080	-0,054	0,297
CHR17	1E+07	CHR17:10209579	SSF x Far_LoA	-8,829	-0,020	0,306
CHR17	1E+07	CHR17:10209587	SSF x Far_LoA	-10,452	0,039	0,290
CHR17	1E+07	CHR17:10209592	SSF x Far_LoA	-9,026	-0,049	0,271
CHR17	1E+07	CHR17:10209605	SSF x Far_LoA	-10,850	0,034	0,289
CHR17	1E+07	CHR17:10209614	SSF x Far_LoA	-10,137	-0,051	0,288
CHR17	1021021	CHR17:1021021	SSF x Far_LoA	-8,824	0,145	0,267
CHR17	1E+07	CHR17:10212203	SSF x Far_LoA	-3,675	0,179	0,266
CHR17	1E+07	CHR17:10212321	SSF x Far_LoA	-9,385	-0,125	0,285
CHR17	1E+07	CHR17:10216142	SSF x Far_LoA	-9,881	0,029	0,288
CHR17	1E+07	CHR17:10216227	SSF x Far_LoA	-7,836	-0,060	0,295
CHR17	1E+07	CHR17:10216305	SSF x Far_LoA	-9,098	-0,197	0,280
CHR17	1E+07	CHR17:10216312	SSF x Far_LoA	-10,296	-0,064	0,294
CHR17	1E+07	CHR17:10216383	SSF x Far_LoA	-9,112	-0,031	0,292
CHR17	1E+07	CHR17:10222566	SSF x Far_LoA	-9,029	0,027	0,291
CHR17	1E+07	CHR17:10232681	SSF x Far_LoA	-8,991	-0,066	0,293
CHR17	1E+07	CHR17:10233049	SSF x Far_LoA	-9,157	-0,066	0,289
CHR17	1E+07	CHR17:10233100	SSF x Far_LoA	-10,616	0,051	0,282
CHR17	1E+07	CHR17:10236654	SSF x Far_LoA	-10,616	-0,019	0,295
CHR17	1E+07	CHR17:10236749	SSF x Far_LoA	-8,043	0,079	0,297
CHR17	1E+07	CHR17:10236751	SSF x Far_LoA	-8,537	0,030	0,299
CHR17	1E+07	CHR17:10236803	SSF x Far_LoA	-9,148	-0,041	0,279
CHR17	1E+07	CHR17:10236995	SSF x Far_LoA	-6,510	0,022	0,290
CHR17	1E+07	CHR17:10247024	SSF x Far_LoA	-11,195	0,072	0,302
CHR17	1E+07	CHR17:10247782	SSF x Far_LoA	-9,373	0,141	0,283
CHR17	1E+07	CHR17:10247784	SSF x Far_LoA	-9,028	0,048	0,290
CHR17	1E+07	CHR17:10247960	SSF x Far_LoA	-11,504	0,031	0,291
CHR17	1E+07	CHR17:10248298	SSF x Far_LoA	-10,509	-0,053	0,296
CHR17	1E+07	CHR17:10248426	SSF x Far_LoA	-7,500	-0,030	0,303
CHR17	1E+07	CHR17:10259544	SSF x Far_LoA	-8,120	0,084	0,291
CHR17	1E+07	CHR17:10259554	SSF x Far_LoA	-8,770	-0,054	0,295
CHR17	1E+07	CHR17:10259555	SSF x Far_LoA	-5,713	0,027	0,307

CHR17	1E+07	CHR17:10259633	SSF x Far_LoA	-10,184	0,033	0,278
CHR17	1E+07	CHR17:10265764	SSF x Far_LoA	-11,612	-0,020	0,298
CHR17	1E+07	CHR17:10277420	SSF x Far_LoA	-10,838	-0,101	0,291
CHR17	1E+07	CHR17:10277431	SSF x Far_LoA	-11,121	0,017	0,278
CHR17	1E+07	CHR17:10277486	SSF x Far_LoA	-10,420	0,000	0,299
CHR17	1E+07	CHR17:10277501	SSF x Far_LoA	-6,994	0,004	0,293
CHR17	1E+07	CHR17:10277506	SSF x Far_LoA	-4,494	-0,146	0,302
CHR17	1E+07	CHR17:10277594	SSF x Far_LoA	-8,430	0,012	0,280
CHR17	1E+07	CHR17:10277652	SSF x Far_LoA	-9,336	-0,019	0,293
CHR17	1E+07	CHR17:10277707	SSF x Far_LoA	-9,470	-0,129	0,300
CHR17	1E+07	CHR17:10277720	SSF x Far_LoA	-10,494	-0,032	0,299
CHR17	1E+07	CHR17:10277724	SSF x Far_LoA	-8,908	0,026	0,273
CHR17	1E+07	CHR17:10280353	SSF x Far_LoA	-10,319	-0,079	0,284
CHR17	1E+07	CHR17:10280384	SSF x Far_LoA	-8,409	-0,044	0,308
CHR17	1E+07	CHR17:10280465	SSF x Far_LoA	-8,944	0,041	0,293
CHR17	1E+07	CHR17:10280485	SSF x Far_LoA	-10,791	-0,053	0,295
CHR17	1E+07	CHR17:10280615	SSF x Far_LoA	-8,960	-0,027	0,300
CHR17	1E+07	CHR17:10280630	SSF x Far_LoA	-11,323	0,007	0,301
CHR17	1E+07	CHR17:10285722	SSF x Far_LoA	-8,650	-0,021	0,290
CHR17	1E+07	CHR17:10285839	SSF x Far_LoA	-7,222	0,156	0,291
CHR17	1E+07	CHR17:10286968	SSF x Far_LoA	-9,127	-0,001	0,300
CHR17	1E+07	CHR17:10289719	SSF x Far_LoA	-11,690	0,017	0,290
CHR17	1E+07	CHR17:10293700	SSF x Far_LoA	-9,350	0,058	0,295
CHR17	1E+07	CHR17:10293848	SSF x Far_LoA	-10,079	-0,007	0,296
CHR17	1E+07	CHR17:10293874	SSF x Far_LoA	-10,320	-0,068	0,285
CHR17	1E+07	CHR17:10293895	SSF x Far_LoA	-7,524	-0,033	0,301
CHR17	1E+07	CHR17:10293896	SSF x Far_LoA	-11,563	-0,033	0,295
CHR17	1E+07	CHR17:10293898	SSF x Far_LoA	-11,416	0,010	0,296
CHR17	1E+07	CHR17:10293964	SSF x Far_LoA	-11,199	0,052	0,280
CHR17	1E+07	CHR17:10294055	SSF x Far_LoA	-7,330	-0,030	0,293
CHR17	1E+07	CHR17:10297717	SSF x Far_LoA	-8,201	-0,078	0,296
CHR17	1E+07	CHR17:10297792	SSF x Far_LoA	-10,298	-0,064	0,289
CHR17	1E+07	CHR17:10297804	SSF x Far_LoA	-10,266	0,102	0,283
CHR17	1E+07	CHR17:10297939	SSF x Far_LoA	-7,888	0,081	0,306
CHR17	1E+07	CHR17:10297999	SSF x Far_LoA	-10,111	-0,106	0,286
CHR17	1E+07	CHR17:10298001	SSF x Far_LoA	-9,865	-0,051	0,279
CHR17	1E+07	CHR17:10298037	SSF x Far_LoA	-10,529	-0,142	0,276
CHR17	1E+07	CHR17:10298050	SSF x Far_LoA	-9,784	0,056	0,298
CHR17	1E+07	CHR17:10298053	SSF x Far_LoA	-10,604	0,067	0,283
CHR17	1033950	CHR17:1033950	SSF x Far_LoA	-9,565	-0,059	0,285
CHR17	1034120	CHR17:1034120	SSF x Far_LoA	-5,002	0,193	0,287
CHR17	1034165	CHR17:1034165	SSF x Far_LoA	-6,409	-0,155	0,273
CHR17	1E+07	CHR17:10346118	SSF x Far_LoA	-11,009	-0,093	0,306
CHR17	1E+07	CHR17:10346238	SSF x Far_LoA	-9,040	-0,095	0,294
CHR17	1E+07	CHR17:10346307	SSF x Far_LoA	-7,507	0,006	0,293
CHR17	1E+07	CHR17:10346511	SSF x Far_LoA	-9,569	0,025	0,295
CHR17	1E+07	CHR17:10349921	SSF x Far_LoA	-8,787	0,008	0,302
CHR17	1E+07	CHR17:10349999	SSF x Far_LoA	-7,823	0,120	0,274
CHR17	1E+07	CHR17:10350047	SSF x Far_LoA	-8,587	-0,088	0,289
CHR17	1E+07	CHR17:10350058	SSF x Far_LoA	-8,923	-0,018	0,292
CHR17	1E+07	CHR17:10361798	SSF x Far_LoA	-9,859	-0,119	0,282
CHR17	1E+07	CHR17:10361902	SSF x Far_LoA	-8,453	-0,119	0,279
CHR17	1E+07	CHR17:10361927	SSF x Far_LoA	-11,123	0,099	0,279

CHR17	1E+07	CHR17:10362028	SSF x Far_LoA	-11,638	-0,045	0,284
CHR17	1E+07	CHR17:10362053	SSF x Far_LoA	-9,318	-0,065	0,293
CHR17	1E+07	CHR17:10362063	SSF x Far_LoA	-11,786	-0,021	0,280
CHR17	1E+07	CHR17:10362071	SSF x Far_LoA	-4,861	-0,093	0,293
CHR17	1E+07	CHR17:10363567	SSF x Far_LoA	-9,900	0,016	0,288
CHR17	1E+07	CHR17:10363635	SSF x Far_LoA	-11,171	0,015	0,282
CHR17	1E+07	CHR17:10379596	SSF x Far_LoA	-8,595	-0,090	0,300
CHR17	1E+07	CHR17:10379666	SSF x Far_LoA	-10,623	-0,087	0,284
CHR17	1E+07	CHR17:10379764	SSF x Far_LoA	5,963	-0,132	0,279
CHR17	1E+07	CHR17:10382601	SSF x Far_LoA	-5,476	-0,009	0,290
CHR17	1E+07	CHR17:10382619	SSF x Far_LoA	-8,788	-0,040	0,293
CHR17	1E+07	CHR17:10382690	SSF x Far_LoA	-11,586	0,075	0,280
CHR17	1E+07	CHR17:10382730	SSF x Far_LoA	-8,441	0,002	0,295
CHR17	1E+07	CHR17:10382783	SSF x Far_LoA	-7,165	-0,039	0,297
CHR17	1038392	CHR17:1038392	SSF x Far_LoA	-8,983	-0,079	0,300
CHR17	1038400	CHR17:1038400	SSF x Far_LoA	-10,329	-0,134	0,282
CHR17	1038418	CHR17:1038418	SSF x Far_LoA	-10,039	0,015	0,289
CHR17	1038444	CHR17:1038444	SSF x Far_LoA	-9,867	-0,176	0,280
CHR17	1038475	CHR17:1038475	SSF x Far_LoA	-10,304	0,105	0,291
CHR17	1038518	CHR17:1038518	SSF x Far_LoA	-9,307	0,068	0,276
CHR17	1038528	CHR17:1038528	SSF x Far_LoA	-8,959	0,036	0,290
CHR17	1E+07	CHR17:10386823	SSF x Far_LoA	-9,266	-0,038	0,279
CHR17	1E+07	CHR17:10393812	SSF x Far_LoA	-10,892	-0,105	0,300
CHR17	1E+07	CHR17:10393856	SSF x Far_LoA	-11,939	-0,049	0,300
CHR17	1E+07	CHR17:10393975	SSF x Far_LoA	-11,013	0,019	0,288
CHR17	1E+07	CHR17:10394025	SSF x Far_LoA	-5,497	-0,088	0,283
CHR17	1E+07	CHR17:10394062	SSF x Far_LoA	-9,720	0,064	0,281
CHR17	1E+07	CHR17:10394069	SSF x Far_LoA	-9,216	-0,070	0,286
CHR17	1E+07	CHR17:10394083	SSF x Far_LoA	-9,993	-0,141	0,273
CHR17	1E+07	CHR17:10394119	SSF x Far_LoA	-8,531	-0,067	0,274
CHR17	1E+07	CHR17:10396133	SSF x Far_LoA	-9,587	0,107	0,283
CHR17	1E+07	CHR17:10397159	SSF x Far_LoA	-10,264	-0,045	0,291
CHR17	1E+07	CHR17:10397269	SSF x Far_LoA	-8,790	0,095	0,284
CHR17	1E+07	CHR17:10397405	SSF x Far_LoA	-11,248	0,019	0,286
CHR17	1E+07	CHR17:10397496	SSF x Far_LoA	-9,340	0,052	0,283
CHR17	1E+07	CHR17:10401425	SSF x Far_LoA	-8,421	-0,104	0,283
CHR17	1E+07	CHR17:10401454	SSF x Far_LoA	-7,008	0,067	0,290
CHR17	1E+07	CHR17:10401463	SSF x Far_LoA	-9,511	-0,034	0,291
CHR17	1E+07	CHR17:10401515	SSF x Far_LoA	-10,754	0,067	0,282
CHR17	1E+07	CHR17:10401631	SSF x Far_LoA	-7,539	0,084	0,302
CHR17	1E+07	CHR17:10401653	SSF x Far_LoA	-9,785	0,058	0,296
CHR17	1E+07	CHR17:10401735	SSF x Far_LoA	-5,612	-0,019	0,288
CHR17	1E+07	CHR17:10401742	SSF x Far_LoA	-8,312	0,063	0,296
CHR17	1E+07	CHR17:10401778	SSF x Far_LoA	-9,412	0,013	0,281
CHR17	1E+07	CHR17:10403822	SSF x Far_LoA	-4,183	0,107	0,291
CHR17	1E+07	CHR17:10403825	SSF x Far_LoA	-9,086	0,017	0,297
CHR17	1E+07	CHR17:10403843	SSF x Far_LoA	-1,634	0,314	0,258
CHR17	1E+07	CHR17:10403862	SSF x Far_LoA	-10,501	-0,032	0,279
CHR17	1E+07	CHR17:10403866	SSF x Far_LoA	-8,610	0,063	0,297
CHR17	1E+07	CHR17:10403892	SSF x Far_LoA	-9,992	-0,086	0,298
CHR17	1E+07	CHR17:10403965	SSF x Far_LoA	-10,942	-0,050	0,289
CHR17	1E+07	CHR17:10415184	SSF x Far_LoA	-9,609	0,080	0,274
CHR17	1E+07	CHR17:10415667	SSF x Far_LoA	-10,211	-0,014	0,304

CHR17	1E+07	CHR17:10419915	SSF x Far_LoA	-8,647	0,032	0,286
CHR17	1E+07	CHR17:10419923	SSF x Far_LoA	-11,076	0,057	0,278
CHR17	1E+07	CHR17:10425134	SSF x Far_LoA	-10,226	-0,006	0,287
CHR17	1E+07	CHR17:10425160	SSF x Far_LoA	-11,503	0,002	0,295
CHR17	1E+07	CHR17:10425161	SSF x Far_LoA	-11,986	0,007	0,286
CHR17	1E+07	CHR17:10428032	SSF x Far_LoA	-11,336	0,105	0,294
CHR17	1E+07	CHR17:10428137	SSF x Far_LoA	-11,855	0,030	0,292
CHR17	1E+07	CHR17:10428229	SSF x Far_LoA	-8,627	0,003	0,295
CHR17	1E+07	CHR17:10428235	SSF x Far_LoA	-4,511	0,003	0,283
CHR17	1E+07	CHR17:10428244	SSF x Far_LoA	-9,146	0,066	0,282
CHR17	1E+07	CHR17:10434486	SSF x Far_LoA	-8,543	-0,022	0,295
CHR17	1E+07	CHR17:10434568	SSF x Far_LoA	-10,949	0,010	0,296
CHR17	1E+07	CHR17:10434593	SSF x Far_LoA	-10,756	0,130	0,280
CHR17	1E+07	CHR17:10434787	SSF x Far_LoA	-8,824	-0,046	0,296
CHR17	1E+07	CHR17:10445441	SSF x Far_LoA	-6,216	-0,023	0,303
CHR17	1E+07	CHR17:10445490	SSF x Far_LoA	-9,152	-0,050	0,296
CHR17	1E+07	CHR17:10445703	SSF x Far_LoA	-7,939	0,058	0,297
CHR17	1E+07	CHR17:10445704	SSF x Far_LoA	-7,476	0,081	0,292
CHR17	1E+07	CHR17:10445716	SSF x Far_LoA	-6,363	0,094	0,296
CHR17	1E+07	CHR17:10445751	SSF x Far_LoA	-9,235	-0,025	0,283
CHR17	1044922	CHR17:1044922	SSF x Far_LoA	-4,837	-0,115	0,305
CHR17	1044963	CHR17:1044963	SSF x Far_LoA	-6,266	-0,111	0,290
CHR17	1045017	CHR17:1045017	SSF x Far_LoA	-11,677	-0,038	0,293
CHR17	1045041	CHR17:1045041	SSF x Far_LoA	-7,241	0,132	0,283
CHR17	1045077	CHR17:1045077	SSF x Far_LoA	-6,898	0,124	0,301
CHR17	1E+07	CHR17:10454005	SSF x Far_LoA	-8,320	0,065	0,289
CHR17	1E+07	CHR17:10454006	SSF x Far_LoA	-11,409	0,094	0,274
CHR17	1E+07	CHR17:10454021	SSF x Far_LoA	-7,521	0,104	0,291
CHR17	1E+07	CHR17:10454045	SSF x Far_LoA	-11,655	0,074	0,284
CHR17	1E+07	CHR17:10454150	SSF x Far_LoA	-11,961	-0,034	0,280
CHR17	1E+07	CHR17:10458550	SSF x Far_LoA	-10,818	0,036	0,281
CHR17	1E+07	CHR17:10458568	SSF x Far_LoA	-11,559	0,051	0,296
CHR17	1E+07	CHR17:10458651	SSF x Far_LoA	-7,478	-0,091	0,286
CHR17	1E+07	CHR17:10458923	SSF x Far_LoA	-10,991	-0,080	0,287
CHR17	1E+07	CHR17:10481986	SSF x Far_LoA	-2,865	0,241	0,286
CHR17	1048874	CHR17:1048874	SSF x Far_LoA	-10,303	-0,100	0,277
CHR17	1048928	CHR17:1048928	SSF x Far_LoA	-12,173	-0,048	0,280
CHR17	1048931	CHR17:1048931	SSF x Far_LoA	-6,884	0,151	0,293
CHR17	1048948	CHR17:1048948	SSF x Far_LoA	-8,822	0,033	0,298
CHR17	1048976	CHR17:1048976	SSF x Far_LoA	-9,700	-0,024	0,294
CHR17	1048983	CHR17:1048983	SSF x Far_LoA	-6,904	-0,023	0,302
CHR17	1048986	CHR17:1048986	SSF x Far_LoA	-9,759	-0,006	0,285
CHR17	1048991	CHR17:1048991	SSF x Far_LoA	-7,803	0,138	0,274
CHR17	1049007	CHR17:1049007	SSF x Far_LoA	-9,059	-0,010	0,284
CHR17	1049043	CHR17:1049043	SSF x Far_LoA	-8,896	-0,012	0,283
CHR17	1049060	CHR17:1049060	SSF x Far_LoA	-8,547	0,000	0,301
CHR17	1049072	CHR17:1049072	SSF x Far_LoA	-8,085	0,103	0,279
CHR17	1E+07	CHR17:10491037	SSF x Far_LoA	-6,819	0,086	0,309
CHR17	1E+07	CHR17:10491134	SSF x Far_LoA	-10,962	0,036	0,302
CHR17	1E+07	CHR17:10491501	SSF x Far_LoA	-7,713	0,025	0,302
CHR17	1E+07	CHR17:10491555	SSF x Far_LoA	-10,109	-0,084	0,293
CHR17	1E+07	CHR17:10494017	SSF x Far_LoA	-10,369	0,001	0,293
CHR17	10502204	CHR17:10502204	SSF x Far_LoA	-8,444	0,044	0,302

CHR17	10502316	CHR17:10502316	SSF x Far_LoA	-9,693	-0,012	0,286
CHR17	10512726	CHR17:10512726	SSF x Far_LoA	-10,990	-0,014	0,286
CHR17	10512788	CHR17:10512788	SSF x Far_LoA	-10,004	0,072	0,290
CHR17	10549755	CHR17:10549755	SSF x Far_LoA	-10,099	0,037	0,288
CHR17	10549885	CHR17:10549885	SSF x Far_LoA	-9,126	-0,033	0,294
CHR17	10553644	CHR17:10553644	SSF x Far_LoA	-7,979	0,156	0,268
CHR17	10553661	CHR17:10553661	SSF x Far_LoA	-5,504	0,124	0,291
CHR17	10553665	CHR17:10553665	SSF x Far_LoA	-5,889	0,132	0,291
CHR17	10553686	CHR17:10553686	SSF x Far_LoA	2,524	0,100	0,282
CHR17	10553695	CHR17:10553695	SSF x Far_LoA	-5,857	0,149	0,272
CHR17	10557579	CHR17:10557579	SSF x Far_LoA	-9,904	-0,132	0,285
CHR17	10557610	CHR17:10557610	SSF x Far_LoA	-10,450	0,012	0,302
CHR17	10557682	CHR17:10557682	SSF x Far_LoA	-10,922	-0,041	0,274
CHR17	10557700	CHR17:10557700	SSF x Far_LoA	-10,645	-0,021	0,284
CHR17	10557813	CHR17:10557813	SSF x Far_LoA	-9,905	0,095	0,287
CHR17	10557842	CHR17:10557842	SSF x Far_LoA	-8,581	0,140	0,288
CHR17	10557858	CHR17:10557858	SSF x Far_LoA	-10,085	0,065	0,302
CHR17	10557900	CHR17:10557900	SSF x Far_LoA	-9,404	-0,101	0,283
CHR17	10572277	CHR17:10572277	SSF x Far_LoA	-9,044	0,071	0,298
CHR17	10572643	CHR17:10572643	SSF x Far_LoA	-9,158	0,046	0,301
CHR17	10583099	CHR17:10583099	SSF x Far_LoA	-8,395	-0,022	0,296
CHR17	10583160	CHR17:10583160	SSF x Far_LoA	-6,384	0,071	0,284
CHR17	10583252	CHR17:10583252	SSF x Far_LoA	-9,985	-0,094	0,283
CHR17	10583262	CHR17:10583262	SSF x Far_LoA	-10,229	-0,069	0,288
CHR17	10585609	CHR17:10585609	SSF x Far_LoA	-6,050	-0,215	0,271
CHR17	10585924	CHR17:10585924	SSF x Far_LoA	-10,319	-0,121	0,287
CHR17	10589632	CHR17:10589632	SSF x Far_LoA	-8,724	-0,014	0,288
CHR17	10589650	CHR17:10589650	SSF x Far_LoA	-8,699	0,032	0,289
CHR17	10600964	CHR17:10600964	SSF x Far_LoA	-10,221	0,059	0,290
CHR17	10601574	CHR17:10601574	SSF x Far_LoA	-8,428	-0,049	0,288
CHR17	10601610	CHR17:10601610	SSF x Far_LoA	-8,750	0,035	0,295
CHR17	10604570	CHR17:10604570	SSF x Far_LoA	-9,666	-0,159	0,291
CHR17	10604677	CHR17:10604677	SSF x Far_LoA	-7,940	0,089	0,291
CHR17	10604784	CHR17:10604784	SSF x Far_LoA	-12,111	-0,044	0,281
CHR17	1061131	CHR17:1061131	SSF x Far_LoA	-7,882	0,121	0,298
CHR17	10625723	CHR17:10625723	SSF x Far_LoA	-6,002	-0,150	0,307
CHR17	10634788	CHR17:10634788	SSF x Far_LoA	-10,243	0,009	0,293
CHR17	10634789	CHR17:10634789	SSF x Far_LoA	-8,647	0,082	0,299
CHR17	10634869	CHR17:10634869	SSF x Far_LoA	-7,987	0,033	0,295
CHR17	10634913	CHR17:10634913	SSF x Far_LoA	-9,262	-0,023	0,294
CHR17	10634992	CHR17:10634992	SSF x Far_LoA	-10,081	0,017	0,294
CHR17	10643354	CHR17:10643354	SSF x Far_LoA	-9,512	-0,108	0,281
CHR17	10643451	CHR17:10643451	SSF x Far_LoA	-9,190	0,053	0,300
CHR17	10643467	CHR17:10643467	SSF x Far_LoA	-9,694	0,021	0,295
CHR17	10643496	CHR17:10643496	SSF x Far_LoA	-10,543	-0,075	0,288
CHR17	10645149	CHR17:10645149	SSF x Far_LoA	-8,720	0,014	0,286
CHR17	10645213	CHR17:10645213	SSF x Far_LoA	-8,849	-0,009	0,282
CHR17	10645231	CHR17:10645231	SSF x Far_LoA	-10,344	0,005	0,295
CHR17	10645408	CHR17:10645408	SSF x Far_LoA	-10,446	-0,073	0,288
CHR17	10649377	CHR17:10649377	SSF x Far_LoA	-10,398	-0,102	0,280
CHR17	10649443	CHR17:10649443	SSF x Far_LoA	-10,196	-0,007	0,282
CHR17	10649448	CHR17:10649448	SSF x Far_LoA	-10,919	-0,002	0,290
CHR17	10649609	CHR17:10649609	SSF x Far_LoA	-10,318	-0,022	0,294

CHR17	10649617	CHR17:10649617	SSF x Far_LoA	-9,158	0,016	0,286
CHR17	10649635	CHR17:10649635	SSF x Far_LoA	-7,656	-0,019	0,300
CHR17	10649694	CHR17:10649694	SSF x Far_LoA	-10,907	-0,019	0,292
CHR17	10649707	CHR17:10649707	SSF x Far_LoA	-10,650	-0,035	0,280
CHR17	10650434	CHR17:10650434	SSF x Far_LoA	-8,156	0,113	0,284
CHR17	10650471	CHR17:10650471	SSF x Far_LoA	-9,636	-0,103	0,284
CHR17	10650505	CHR17:10650505	SSF x Far_LoA	-6,779	-0,084	0,300
CHR17	10650567	CHR17:10650567	SSF x Far_LoA	-7,778	-0,115	0,291
CHR17	10650583	CHR17:10650583	SSF x Far_LoA	-10,650	-0,128	0,290
CHR17	10670427	CHR17:10670427	SSF x Far_LoA	-8,457	0,063	0,288
CHR17	10670440	CHR17:10670440	SSF x Far_LoA	-8,740	0,065	0,275
CHR17	10670485	CHR17:10670485	SSF x Far_LoA	-9,767	-0,087	0,291
CHR17	10672149	CHR17:10672149	SSF x Far_LoA	-9,711	-0,019	0,283
CHR17	10672155	CHR17:10672155	SSF x Far_LoA	-8,950	-0,022	0,304
CHR17	10672163	CHR17:10672163	SSF x Far_LoA	-9,646	-0,034	0,277
CHR17	10672166	CHR17:10672166	SSF x Far_LoA	-9,403	-0,064	0,269
CHR17	10672219	CHR17:10672219	SSF x Far_LoA	-11,197	0,035	0,278
CHR17	10672259	CHR17:10672259	SSF x Far_LoA	-10,604	0,038	0,291
CHR17	10672318	CHR17:10672318	SSF x Far_LoA	-10,516	0,096	0,288
CHR17	10672337	CHR17:10672337	SSF x Far_LoA	-9,780	-0,167	0,284
CHR17	10672351	CHR17:10672351	SSF x Far_LoA	-9,118	-0,080	0,290
CHR17	10672410	CHR17:10672410	SSF x Far_LoA	-8,810	-0,002	0,281
CHR17	10672441	CHR17:10672441	SSF x Far_LoA	-10,051	-0,037	0,300
CHR17	10672452	CHR17:10672452	SSF x Far_LoA	-8,032	-0,124	0,285
CHR17	10672457	CHR17:10672457	SSF x Far_LoA	-8,158	0,037	0,301
CHR17	10672471	CHR17:10672471	SSF x Far_LoA	-7,359	0,084	0,299
CHR17	10678195	CHR17:10678195	SSF x Far_LoA	7,073	0,101	0,295
CHR17	10678272	CHR17:10678272	SSF x Far_LoA	-8,697	-0,099	0,262
CHR17	10678324	CHR17:10678324	SSF x Far_LoA	-7,660	0,147	0,272
CHR17	1068103	CHR17:1068103	SSF x Far_LoA	-2,237	0,047	0,290
CHR17	1068113	CHR17:1068113	SSF x Far_LoA	-9,410	0,056	0,294
CHR17	1068118	CHR17:1068118	SSF x Far_LoA	-5,206	-0,192	0,279
CHR17	10684733	CHR17:10684733	SSF x Far_LoA	-6,359	-0,073	0,284
CHR17	10684787	CHR17:10684787	SSF x Far_LoA	-10,840	0,006	0,296
CHR17	10684948	CHR17:10684948	SSF x Far_LoA	-8,540	-0,142	0,274
CHR17	10684957	CHR17:10684957	SSF x Far_LoA	-8,178	-0,092	0,291
CHR17	10685045	CHR17:10685045	SSF x Far_LoA	-8,761	-0,058	0,281
CHR17	10686080	CHR17:10686080	SSF x Far_LoA	-10,352	-0,066	0,279
CHR17	10686137	CHR17:10686137	SSF x Far_LoA	-8,289	0,053	0,300
CHR17	10686222	CHR17:10686222	SSF x Far_LoA	-11,020	0,105	0,284
CHR17	10691736	CHR17:10691736	SSF x Far_LoA	-10,536	0,000	0,281
CHR17	10691773	CHR17:10691773	SSF x Far_LoA	-10,221	-0,074	0,290
CHR17	10691814	CHR17:10691814	SSF x Far_LoA	8,173	0,134	0,287
CHR17	10691817	CHR17:10691817	SSF x Far_LoA	-9,084	-0,023	0,293
CHR17	10691819	CHR17:10691819	SSF x Far_LoA	-10,477	0,029	0,287
CHR17	10697961	CHR17:10697961	SSF x Far_LoA	-10,654	0,031	0,291
CHR17	10697988	CHR17:10697988	SSF x Far_LoA	-11,383	0,002	0,272
CHR17	10698223	CHR17:10698223	SSF x Far_LoA	-9,638	-0,022	0,283
CHR17	10704242	CHR17:10704242	SSF x Far_LoA	-9,589	0,054	0,294
CHR17	10704368	CHR17:10704368	SSF x Far_LoA	-10,382	-0,086	0,300
CHR17	10704388	CHR17:10704388	SSF x Far_LoA	-7,055	0,066	0,300
CHR17	10704516	CHR17:10704516	SSF x Far_LoA	-8,500	0,000	0,296
CHR17	10704519	CHR17:10704519	SSF x Far_LoA	-7,479	0,014	0,286

CHR17	10704586	CHR17:10704586	SSF x Far_LoA	-8,818	0,048	0,283
CHR17	10716023	CHR17:10716023	SSF x Far_LoA	-8,494	-0,050	0,297
CHR17	10716103	CHR17:10716103	SSF x Far_LoA	-9,535	-0,025	0,290
CHR17	10716145	CHR17:10716145	SSF x Far_LoA	-11,565	0,003	0,294
CHR17	10716150	CHR17:10716150	SSF x Far_LoA	-7,516	-0,018	0,298
CHR17	10716157	CHR17:10716157	SSF x Far_LoA	-7,546	-0,050	0,295
CHR17	10716163	CHR17:10716163	SSF x Far_LoA	-7,824	-0,154	0,295
CHR17	10716164	CHR17:10716164	SSF x Far_LoA	-9,363	-0,084	0,298
CHR17	10716256	CHR17:10716256	SSF x Far_LoA	-8,292	-0,064	0,271
CHR17	10716292	CHR17:10716292	SSF x Far_LoA	-9,242	0,049	0,282
CHR17	10716296	CHR17:10716296	SSF x Far_LoA	-8,796	0,035	0,302
CHR17	10716379	CHR17:10716379	SSF x Far_LoA	-7,296	-0,148	0,291
CHR17	10730257	CHR17:10730257	SSF x Far_LoA	-10,197	-0,014	0,296
CHR17	10730330	CHR17:10730330	SSF x Far_LoA	-8,957	-0,021	0,272
CHR17	10730369	CHR17:10730369	SSF x Far_LoA	-7,662	-0,167	0,288
CHR17	10730380	CHR17:10730380	SSF x Far_LoA	-9,126	-0,044	0,292
CHR17	10730510	CHR17:10730510	SSF x Far_LoA	-5,333	-0,078	0,288
CHR17	10730514	CHR17:10730514	SSF x Far_LoA	-9,612	-0,124	0,301
CHR17	10730545	CHR17:10730545	SSF x Far_LoA	-7,462	0,052	0,289
CHR17	10736510	CHR17:10736510	SSF x Far_LoA	-8,939	0,112	0,273
CHR17	10736526	CHR17:10736526	SSF x Far_LoA	-8,742	0,093	0,284
CHR17	10760270	CHR17:10760270	SSF x Far_LoA	-8,339	0,009	0,307
CHR17	10760349	CHR17:10760349	SSF x Far_LoA	-1,724	-0,033	0,297
CHR17	10760485	CHR17:10760485	SSF x Far_LoA	-10,126	-0,018	0,291
CHR17	10760591	CHR17:10760591	SSF x Far_LoA	-6,992	0,101	0,294
CHR17	10760666	CHR17:10760666	SSF x Far_LoA	-7,724	-0,016	0,293
CHR17	10771732	CHR17:10771732	SSF x Far_LoA	-9,017	0,075	0,262
CHR17	10771875	CHR17:10771875	SSF x Far_LoA	-8,831	-0,035	0,286
CHR17	10771952	CHR17:10771952	SSF x Far_LoA	-10,548	0,097	0,272
CHR17	10771975	CHR17:10771975	SSF x Far_LoA	-10,802	0,048	0,284
CHR17	10771995	CHR17:10771995	SSF x Far_LoA	-7,330	0,151	0,284
CHR17	10772032	CHR17:10772032	SSF x Far_LoA	-9,377	-0,016	0,273
CHR17	10772046	CHR17:10772046	SSF x Far_LoA	-9,336	-0,120	0,287
CHR17	10772054	CHR17:10772054	SSF x Far_LoA	-8,722	0,115	0,275
CHR17	10772146	CHR17:10772146	SSF x Far_LoA	-10,575	0,011	0,281
CHR17	10780422	CHR17:10780422	SSF x Far_LoA	-9,331	-0,091	0,292
CHR17	10780452	CHR17:10780452	SSF x Far_LoA	-10,762	0,077	0,277
CHR17	10780642	CHR17:10780642	SSF x Far_LoA	-6,311	0,174	0,285
CHR17	10783545	CHR17:10783545	SSF x Far_LoA	-9,651	-0,035	0,285
CHR17	10783613	CHR17:10783613	SSF x Far_LoA	-10,209	0,093	0,284
CHR17	10783647	CHR17:10783647	SSF x Far_LoA	-11,462	0,064	0,290
CHR17	10783685	CHR17:10783685	SSF x Far_LoA	-10,480	0,029	0,294
CHR17	10783688	CHR17:10783688	SSF x Far_LoA	-9,061	0,134	0,301
CHR17	10783711	CHR17:10783711	SSF x Far_LoA	-10,827	0,063	0,290
CHR17	10783720	CHR17:10783720	SSF x Far_LoA	-9,382	0,072	0,294
CHR17	10788911	CHR17:10788911	SSF x Far_LoA	-10,161	-0,060	0,319
CHR17	10790395	CHR17:10790395	SSF x Far_LoA	-9,442	-0,026	0,293
CHR17	10790614	CHR17:10790614	SSF x Far_LoA	-11,907	-0,044	0,293
CHR17	10790633	CHR17:10790633	SSF x Far_LoA	-9,740	0,061	0,299
CHR17	10790666	CHR17:10790666	SSF x Far_LoA	-4,489	0,011	0,289
CHR17	10790676	CHR17:10790676	SSF x Far_LoA	-8,674	0,021	0,295
CHR17	10792769	CHR17:10792769	SSF x Far_LoA	3,690	-0,026	0,307
CHR17	108362	CHR17:108362	SSF x Far_LoA	-9,428	-0,033	0,298

CHR17	10868266	CHR17:10868266	SSF x Far_LoA	-8,118	-0,167	0,296
CHR17	10868281	CHR17:10868281	SSF x Far_LoA	-10,081	-0,059	0,275
CHR17	10868536	CHR17:10868536	SSF x Far_LoA	-8,765	-0,069	0,301
CHR17	10875615	CHR17:10875615	SSF x Far_LoA	-8,815	0,043	0,301
CHR17	10875658	CHR17:10875658	SSF x Far_LoA	-7,331	0,133	0,295
CHR17	10875773	CHR17:10875773	SSF x Far_LoA	-8,718	-0,073	0,276
CHR17	10875842	CHR17:10875842	SSF x Far_LoA	-5,826	0,146	0,290
CHR17	10878237	CHR17:10878237	SSF x Far_LoA	-8,447	0,063	0,299
CHR17	10878250	CHR17:10878250	SSF x Far_LoA	-9,029	0,127	0,288
CHR17	10878256	CHR17:10878256	SSF x Far_LoA	-10,143	0,033	0,287
CHR17	10887806	CHR17:10887806	SSF x Far_LoA	-9,289	-0,106	0,285
CHR17	10892509	CHR17:10892509	SSF x Far_LoA	-9,465	0,061	0,293
CHR17	10892521	CHR17:10892521	SSF x Far_LoA	-10,094	0,020	0,285
CHR17	10892543	CHR17:10892543	SSF x Far_LoA	-9,632	0,051	0,297
CHR17	10897278	CHR17:10897278	SSF x Far_LoA	-6,333	0,200	0,287
CHR17	10897350	CHR17:10897350	SSF x Far_LoA	-9,598	0,166	0,298
CHR17	10897419	CHR17:10897419	SSF x Far_LoA	-10,446	0,006	0,285
CHR17	10897507	CHR17:10897507	SSF x Far_LoA	-9,298	-0,007	0,282
CHR17	10904179	CHR17:10904179	SSF x Far_LoA	-8,870	-0,009	0,299
CHR17	10919065	CHR17:10919065	SSF x Far_LoA	-9,654	-0,020	0,282
CHR17	10929065	CHR17:10929065	SSF x Far_LoA	-7,971	-0,138	0,290
CHR17	10929140	CHR17:10929140	SSF x Far_LoA	-10,194	0,026	0,286
CHR17	10929186	CHR17:10929186	SSF x Far_LoA	-5,206	0,180	0,289
CHR17	10937677	CHR17:10937677	SSF x Far_LoA	-8,365	-0,039	0,295
CHR17	10937689	CHR17:10937689	SSF x Far_LoA	-7,710	-0,029	0,293
CHR17	10937716	CHR17:10937716	SSF x Far_LoA	-11,279	-0,089	0,296
CHR17	10937839	CHR17:10937839	SSF x Far_LoA	-8,292	-0,095	0,271
CHR17	10937927	CHR17:10937927	SSF x Far_LoA	-8,425	0,146	0,281
CHR17	10949831	CHR17:10949831	SSF x Far_LoA	-6,833	0,014	0,289
CHR17	10950812	CHR17:10950812	SSF x Far_LoA	-11,200	0,011	0,285
CHR17	10950852	CHR17:10950852	SSF x Far_LoA	-7,697	-0,201	0,286
CHR17	10950939	CHR17:10950939	SSF x Far_LoA	-7,589	0,122	0,286
CHR17	10965498	CHR17:10965498	SSF x Far_LoA	-8,556	-0,161	0,293
CHR17	10965500	CHR17:10965500	SSF x Far_LoA	-9,377	-0,024	0,285
CHR17	10965601	CHR17:10965601	SSF x Far_LoA	-8,275	-0,059	0,287
CHR17	10965828	CHR17:10965828	SSF x Far_LoA	-8,298	0,013	0,296
CHR17	10966721	CHR17:10966721	SSF x Far_LoA	-9,013	-0,103	0,293
CHR17	10966869	CHR17:10966869	SSF x Far_LoA	-9,411	-0,181	0,282
CHR17	10966909	CHR17:10966909	SSF x Far_LoA	-7,316	-0,105	0,287
CHR17	10966916	CHR17:10966916	SSF x Far_LoA	-8,289	0,060	0,292
CHR17	10966949	CHR17:10966949	SSF x Far_LoA	-8,888	-0,090	0,278
CHR17	10967003	CHR17:10967003	SSF x Far_LoA	-2,899	0,111	0,295
CHR17	10967020	CHR17:10967020	SSF x Far_LoA	-7,339	-0,074	0,278
CHR17	1098142	CHR17:1098142	SSF x Far_LoA	-9,036	-0,005	0,293
CHR17	1098156	CHR17:1098156	SSF x Far_LoA	-8,779	0,000	0,306
CHR17	1098160	CHR17:1098160	SSF x Far_LoA	-9,186	0,014	0,299
CHR17	10990864	CHR17:10990864	SSF x Far_LoA	-8,349	-0,030	0,283
CHR17	10990881	CHR17:10990881	SSF x Far_LoA	-8,634	-0,102	0,288
CHR17	10990900	CHR17:10990900	SSF x Far_LoA	-7,895	-0,106	0,296
CHR17	10990929	CHR17:10990929	SSF x Far_LoA	-10,384	0,028	0,286
CHR17	10990999	CHR17:10990999	SSF x Far_LoA	-8,762	-0,076	0,291
CHR17	10999411	CHR17:10999411	SSF x Far_LoA	-11,591	0,024	0,282
CHR17	10999610	CHR17:10999610	SSF x Far_LoA	-9,896	0,047	0,304

CHR17	11002631	CHR17:11002631	SSF x Far_LoA	-7,365	0,126	0,281
CHR17	11002681	CHR17:11002681	SSF x Far_LoA	-8,778	-0,046	0,291
CHR17	11002706	CHR17:11002706	SSF x Far_LoA	-2,806	-0,149	0,288
CHR17	11006175	CHR17:11006175	SSF x Far_LoA	-7,938	0,071	0,290
CHR17	11006185	CHR17:11006185	SSF x Far_LoA	-5,786	0,146	0,288
CHR17	11006207	CHR17:11006207	SSF x Far_LoA	-5,813	0,126	0,290
CHR17	11006375	CHR17:11006375	SSF x Far_LoA	-2,940	0,147	0,292
CHR17	11006449	CHR17:11006449	SSF x Far_LoA	-9,935	0,085	0,284
CHR17	11006512	CHR17:11006512	SSF x Far_LoA	-11,683	0,001	0,276
CHR17	11050437	CHR17:11050437	SSF x Far_LoA	-8,720	0,014	0,300
CHR17	11050484	CHR17:11050484	SSF x Far_LoA	-8,725	-0,065	0,314
CHR17	11050496	CHR17:11050496	SSF x Far_LoA	-8,030	-0,097	0,303
CHR17	11056837	CHR17:11056837	SSF x Far_LoA	-8,596	0,087	0,298
CHR17	11056876	CHR17:11056876	SSF x Far_LoA	-8,777	0,083	0,278
CHR17	11057013	CHR17:11057013	SSF x Far_LoA	-3,068	-0,271	0,271
CHR17	11061040	CHR17:11061040	SSF x Far_LoA	-10,445	-0,039	0,273
CHR17	11061073	CHR17:11061073	SSF x Far_LoA	-9,448	0,022	0,319
CHR17	11065388	CHR17:11065388	SSF x Far_LoA	-9,723	-0,038	0,295
CHR17	11065389	CHR17:11065389	SSF x Far_LoA	-9,048	-0,068	0,298
CHR17	11065539	CHR17:11065539	SSF x Far_LoA	-5,405	-0,153	0,276
CHR17	11065545	CHR17:11065545	SSF x Far_LoA	-9,472	-0,008	0,297
CHR17	11065554	CHR17:11065554	SSF x Far_LoA	-4,898	-0,131	0,275
CHR17	11083670	CHR17:11083670	SSF x Far_LoA	-9,630	0,128	0,283
CHR17	11106225	CHR17:11106225	SSF x Far_LoA	-10,413	-0,081	0,287
CHR17	11192198	CHR17:11192198	SSF x Far_LoA	-2,726	0,181	0,279
CHR17	11199468	CHR17:11199468	SSF x Far_LoA	-8,998	-0,005	0,295
CHR17	11257923	CHR17:11257923	SSF x Far_LoA	-0,756	-0,166	0,287
CHR17	11258047	CHR17:11258047	SSF x Far_LoA	-10,436	-0,089	0,297
CHR17	11258352	CHR17:11258352	SSF x Far_LoA	-10,640	0,010	0,284
CHR17	11266805	CHR17:11266805	SSF x Far_LoA	-10,426	-0,014	0,298
CHR17	11266861	CHR17:11266861	SSF x Far_LoA	-11,847	-0,066	0,282
CHR17	11266974	CHR17:11266974	SSF x Far_LoA	-8,231	-0,087	0,299
CHR17	11266981	CHR17:11266981	SSF x Far_LoA	-8,054	0,124	0,292
CHR17	11270744	CHR17:11270744	SSF x Far_LoA	-8,054	0,114	0,284
CHR17	11280620	CHR17:11280620	SSF x Far_LoA	-9,525	0,068	0,287
CHR17	11280910	CHR17:11280910	SSF x Far_LoA	-11,131	-0,043	0,293
CHR17	11288392	CHR17:11288392	SSF x Far_LoA	-8,322	-0,101	0,288
CHR17	11288448	CHR17:11288448	SSF x Far_LoA	-8,526	-0,003	0,303
CHR17	11294043	CHR17:11294043	SSF x Far_LoA	-10,926	0,116	0,283
CHR17	11294150	CHR17:11294150	SSF x Far_LoA	-11,190	0,061	0,288
CHR17	11294184	CHR17:11294184	SSF x Far_LoA	-7,909	0,124	0,303
CHR17	11296505	CHR17:11296505	SSF x Far_LoA	-5,586	-0,087	0,296
CHR17	11296536	CHR17:11296536	SSF x Far_LoA	-7,988	-0,133	0,278
CHR17	11299472	CHR17:11299472	SSF x Far_LoA	-10,796	0,025	0,283
CHR17	11302527	CHR17:11302527	SSF x Far_LoA	-10,448	0,049	0,299
CHR17	11302658	CHR17:11302658	SSF x Far_LoA	-11,727	0,082	0,288
CHR17	11378533	CHR17:11378533	SSF x Far_LoA	-11,037	0,010	0,291
CHR17	11495432	CHR17:11495432	SSF x Far_LoA	-8,343	0,051	0,296
CHR17	11496363	CHR17:11496363	SSF x Far_LoA	-10,467	-0,019	0,310
CHR17	139522	CHR17:139522	SSF x Far_LoA	-9,276	-0,039	0,291
CHR17	139527	CHR17:139527	SSF x Far_LoA	-9,265	0,042	0,286
CHR17	142963	CHR17:142963	SSF x Far_LoA	-8,181	-0,059	0,292
CHR17	143034	CHR17:143034	SSF x Far_LoA	-8,603	0,049	0,288

CHR17	145443	CHR17:145443	SSF x Far_LoA	-10,533	0,143	0,277
CHR17	145575	CHR17:145575	SSF x Far_LoA	-7,590	-0,095	0,291
CHR17	171724	CHR17:171724	SSF x Far_LoA	-9,731	-0,120	0,277
CHR17	176793	CHR17:176793	SSF x Far_LoA	-4,230	0,100	0,285
CHR17	176818	CHR17:176818	SSF x Far_LoA	-7,315	-0,180	0,277
CHR17	176852	CHR17:176852	SSF x Far_LoA	-4,743	-0,122	0,293
CHR17	176859	CHR17:176859	SSF x Far_LoA	-9,230	0,044	0,298
CHR17	184439	CHR17:184439	SSF x Far_LoA	-7,710	-0,111	0,278
CHR17	1912719	CHR17:1912719	SSF x Far_LoA	-8,090	0,039	0,312
CHR17	2084191	CHR17:2084191	SSF x Far_LoA	-8,461	0,013	0,292
CHR17	211673	CHR17:211673	SSF x Far_LoA	-2,996	-0,033	0,310
CHR17	215963	CHR17:215963	SSF x Far_LoA	-11,191	-0,022	0,285
CHR17	216173	CHR17:216173	SSF x Far_LoA	-7,832	0,128	0,288
CHR17	2291409	CHR17:2291409	SSF x Far_LoA	-9,833	0,006	0,302
CHR17	2319881	CHR17:2319881	SSF x Far_LoA	-8,248	-0,099	0,297
CHR17	2376508	CHR17:2376508	SSF x Far_LoA	-7,333	0,012	0,300
CHR17	245034	CHR17:245034	SSF x Far_LoA	-6,985	-0,032	0,288
CHR17	245065	CHR17:245065	SSF x Far_LoA	-3,857	-0,120	0,285
CHR17	245097	CHR17:245097	SSF x Far_LoA	-9,142	-0,028	0,283
CHR17	245104	CHR17:245104	SSF x Far_LoA	-7,503	-0,028	0,279
CHR17	245120	CHR17:245120	SSF x Far_LoA	-2,679	0,149	0,254
CHR17	245128	CHR17:245128	SSF x Far_LoA	-11,969	0,073	0,271
CHR17	259729	CHR17:259729	SSF x Far_LoA	-7,480	0,030	0,286
CHR17	259733	CHR17:259733	SSF x Far_LoA	-9,530	0,085	0,293
CHR17	2631312	CHR17:2631312	SSF x Far_LoA	-8,822	0,001	0,301
CHR17	2631437	CHR17:2631437	SSF x Far_LoA	-8,380	-0,007	0,295
CHR17	264039	CHR17:264039	SSF x Far_LoA	-11,474	0,034	0,284
CHR17	264169	CHR17:264169	SSF x Far_LoA	-6,550	0,132	0,291
CHR17	264189	CHR17:264189	SSF x Far_LoA	-11,987	0,052	0,282
CHR17	272024	CHR17:272024	SSF x Far_LoA	-9,858	0,047	0,284
CHR17	272033	CHR17:272033	SSF x Far_LoA	-9,657	0,109	0,294
CHR17	278924	CHR17:278924	SSF x Far_LoA	-7,302	-0,080	0,251
CHR17	2905986	CHR17:2905986	SSF x Far_LoA	-9,852	-0,080	0,288
CHR17	3094221	CHR17:3094221	SSF x Far_LoA	-10,454	-0,012	0,299
CHR17	3154472	CHR17:3154472	SSF x Far_LoA	-9,114	0,127	0,284
CHR17	322893	CHR17:322893	SSF x Far_LoA	-9,062	0,088	0,300
CHR17	3272510	CHR17:3272510	SSF x Far_LoA	-9,417	-0,072	0,297
CHR17	3355145	CHR17:3355145	SSF x Far_LoA	-10,323	0,102	0,283
CHR17	3356223	CHR17:3356223	SSF x Far_LoA	-6,914	-0,004	0,307
CHR17	3356252	CHR17:3356252	SSF x Far_LoA	-8,250	-0,017	0,304
CHR17	3404778	CHR17:3404778	SSF x Far_LoA	-8,173	-0,129	0,283
CHR17	3409958	CHR17:3409958	SSF x Far_LoA	-11,883	0,026	0,283
CHR17	343364	CHR17:343364	SSF x Far_LoA	-11,344	0,000	0,293
CHR17	343431	CHR17:343431	SSF x Far_LoA	-8,919	-0,139	0,288
CHR17	343671	CHR17:343671	SSF x Far_LoA	-10,934	-0,085	0,299
CHR17	348600	CHR17:348600	SSF x Far_LoA	-8,207	-0,048	0,281
CHR17	348603	CHR17:348603	SSF x Far_LoA	-11,423	-0,046	0,281
CHR17	348702	CHR17:348702	SSF x Far_LoA	-11,290	-0,001	0,279
CHR17	3535942	CHR17:3535942	SSF x Far_LoA	-9,787	0,071	0,287
CHR17	3536050	CHR17:3536050	SSF x Far_LoA	-10,255	0,182	0,277
CHR17	3536115	CHR17:3536115	SSF x Far_LoA	-10,884	0,008	0,304
CHR17	3536123	CHR17:3536123	SSF x Far_LoA	-3,734	0,198	0,301
CHR17	3536134	CHR17:3536134	SSF x Far_LoA	-4,945	0,179	0,284

CHR17	3613714	CHR17:3613714	SSF x Far_LoA	-7,469	0,075	0,276
CHR17	3774683	CHR17:3774683	SSF x Far_LoA	-9,587	0,023	0,290
CHR17	3774731	CHR17:3774731	SSF x Far_LoA	-7,864	0,035	0,286
CHR17	3966869	CHR17:3966869	SSF x Far_LoA	-8,425	0,022	0,288
CHR17	4074954	CHR17:4074954	SSF x Far_LoA	-10,167	0,089	0,287
CHR17	4088562	CHR17:4088562	SSF x Far_LoA	-10,118	0,015	0,284
CHR17	414597	CHR17:414597	SSF x Far_LoA	-10,716	-0,067	0,298
CHR17	424684	CHR17:424684	SSF x Far_LoA	-9,281	0,072	0,288
CHR17	424751	CHR17:424751	SSF x Far_LoA	-9,000	-0,092	0,295
CHR17	424755	CHR17:424755	SSF x Far_LoA	-8,438	-0,069	0,303
CHR17	424782	CHR17:424782	SSF x Far_LoA	-9,570	0,007	0,283
CHR17	429394	CHR17:429394	SSF x Far_LoA	-7,136	0,140	0,289
CHR17	429395	CHR17:429395	SSF x Far_LoA	-6,925	0,151	0,281
CHR17	429426	CHR17:429426	SSF x Far_LoA	-7,319	-0,146	0,290
CHR17	429475	CHR17:429475	SSF x Far_LoA	-7,891	0,042	0,304
CHR17	429499	CHR17:429499	SSF x Far_LoA	-5,190	-0,096	0,296
CHR17	4298601	CHR17:4298601	SSF x Far_LoA	-9,457	0,043	0,290
CHR17	431518	CHR17:431518	SSF x Far_LoA	-9,963	0,110	0,273
CHR17	431582	CHR17:431582	SSF x Far_LoA	-8,979	-0,037	0,291
CHR17	431584	CHR17:431584	SSF x Far_LoA	-10,397	0,100	0,297
CHR17	431625	CHR17:431625	SSF x Far_LoA	-10,799	0,011	0,294
CHR17	431726	CHR17:431726	SSF x Far_LoA	1,043	-0,002	0,283
CHR17	431757	CHR17:431757	SSF x Far_LoA	-9,625	-0,126	0,271
CHR17	431766	CHR17:431766	SSF x Far_LoA	-8,350	-0,028	0,294
CHR17	435824	CHR17:435824	SSF x Far_LoA	-10,763	-0,136	0,274
CHR17	435881	CHR17:435881	SSF x Far_LoA	-7,383	-0,147	0,284
CHR17	439471	CHR17:439471	SSF x Far_LoA	-10,679	-0,008	0,292
CHR17	439550	CHR17:439550	SSF x Far_LoA	-10,287	-0,163	0,287
CHR17	441528	CHR17:441528	SSF x Far_LoA	-6,733	-0,135	0,287
CHR17	441691	CHR17:441691	SSF x Far_LoA	-10,107	-0,065	0,291
CHR17	461301	CHR17:461301	SSF x Far_LoA	-7,664	-0,113	0,289
CHR17	461418	CHR17:461418	SSF x Far_LoA	-10,841	0,004	0,294
CHR17	490420	CHR17:490420	SSF x Far_LoA	-7,583	-0,039	0,303
CHR17	490521	CHR17:490521	SSF x Far_LoA	-7,963	0,078	0,267
CHR17	497022	CHR17:497022	SSF x Far_LoA	-8,518	0,027	0,293
CHR17	497069	CHR17:497069	SSF x Far_LoA	-5,315	-0,087	0,286
CHR17	507486	CHR17:507486	SSF x Far_LoA	-10,448	0,099	0,290
CHR17	507617	CHR17:507617	SSF x Far_LoA	-8,868	-0,093	0,297
CHR17	507649	CHR17:507649	SSF x Far_LoA	-11,625	-0,069	0,292
CHR17	507706	CHR17:507706	SSF x Far_LoA	-6,551	0,102	0,288
CHR17	507714	CHR17:507714	SSF x Far_LoA	-6,691	-0,164	0,278
CHR17	507725	CHR17:507725	SSF x Far_LoA	-10,340	-0,049	0,287
CHR17	516135	CHR17:516135	SSF x Far_LoA	-7,998	-0,150	0,284
CHR17	522530	CHR17:522530	SSF x Far_LoA	-8,545	-0,087	0,296
CHR17	522649	CHR17:522649	SSF x Far_LoA	-10,752	-0,086	0,314
CHR17	524752	CHR17:524752	SSF x Far_LoA	-10,813	-0,055	0,290
CHR17	524940	CHR17:524940	SSF x Far_LoA	-11,426	0,057	0,283
CHR17	528586	CHR17:528586	SSF x Far_LoA	-7,539	-0,102	0,300
CHR17	528682	CHR17:528682	SSF x Far_LoA	-10,695	0,056	0,264
CHR17	534758	CHR17:534758	SSF x Far_LoA	-11,415	-0,057	0,297
CHR17	534782	CHR17:534782	SSF x Far_LoA	-5,756	-0,120	0,290
CHR17	534785	CHR17:534785	SSF x Far_LoA	-9,699	0,027	0,299
CHR17	534900	CHR17:534900	SSF x Far_LoA	-11,503	0,013	0,289

CHR17	534953	CHR17:534953	SSF x Far_LoA	-7,064	0,022	0,289
CHR17	534957	CHR17:534957	SSF x Far_LoA	-9,098	-0,038	0,304
CHR17	542527	CHR17:542527	SSF x Far_LoA	-7,422	0,083	0,305
CHR17	542608	CHR17:542608	SSF x Far_LoA	-9,282	0,027	0,287
CHR17	542674	CHR17:542674	SSF x Far_LoA	-8,230	0,064	0,299
CHR17	542682	CHR17:542682	SSF x Far_LoA	-12,068	-0,103	0,287
CHR17	542688	CHR17:542688	SSF x Far_LoA	-9,220	0,042	0,303
CHR17	542691	CHR17:542691	SSF x Far_LoA	-10,707	-0,011	0,285
CHR17	542692	CHR17:542692	SSF x Far_LoA	-8,902	-0,060	0,302
CHR17	542756	CHR17:542756	SSF x Far_LoA	-8,558	-0,055	0,286
CHR17	542781	CHR17:542781	SSF x Far_LoA	-7,527	-0,114	0,287
CHR17	542791	CHR17:542791	SSF x Far_LoA	-8,125	-0,089	0,283
CHR17	552157	CHR17:552157	SSF x Far_LoA	-12,254	-0,023	0,291
CHR17	552384	CHR17:552384	SSF x Far_LoA	-10,529	-0,013	0,284
CHR17	55419	CHR17:55419	SSF x Far_LoA	-9,678	-0,023	0,302
CHR17	55510	CHR17:55510	SSF x Far_LoA	-8,844	0,088	0,296
CHR17	55517	CHR17:55517	SSF x Far_LoA	-9,311	0,031	0,286
CHR17	55601	CHR17:55601	SSF x Far_LoA	-6,637	0,109	0,287
CHR17	55662	CHR17:55662	SSF x Far_LoA	-8,688	-0,042	0,296
CHR17	55831	CHR17:55831	SSF x Far_LoA	-4,487	-0,085	0,285
CHR17	560281	CHR17:560281	SSF x Far_LoA	-8,958	-0,085	0,287
CHR17	560289	CHR17:560289	SSF x Far_LoA	-5,732	-0,114	0,280
CHR17	561009	CHR17:561009	SSF x Far_LoA	-8,946	0,067	0,287
CHR17	561042	CHR17:561042	SSF x Far_LoA	-7,289	-0,164	0,290
CHR17	561055	CHR17:561055	SSF x Far_LoA	-8,022	-0,095	0,286
CHR17	561057	CHR17:561057	SSF x Far_LoA	-8,646	-0,125	0,290
CHR17	561074	CHR17:561074	SSF x Far_LoA	-7,498	-0,110	0,279
CHR17	567838	CHR17:567838	SSF x Far_LoA	-8,339	-0,044	0,284
CHR17	567950	CHR17:567950	SSF x Far_LoA	-9,045	0,083	0,297
CHR17	567968	CHR17:567968	SSF x Far_LoA	-11,577	-0,051	0,284
CHR17	567984	CHR17:567984	SSF x Far_LoA	-9,195	-0,048	0,303
CHR17	571471	CHR17:571471	SSF x Far_LoA	-6,119	-0,040	0,302
CHR17	571501	CHR17:571501	SSF x Far_LoA	-10,492	-0,003	0,289
CHR17	571664	CHR17:571664	SSF x Far_LoA	-8,599	-0,006	0,304
CHR17	571665	CHR17:571665	SSF x Far_LoA	-11,082	0,013	0,290
CHR17	590544	CHR17:590544	SSF x Far_LoA	-10,210	-0,071	0,285
CHR17	590558	CHR17:590558	SSF x Far_LoA	-9,141	-0,065	0,291
CHR17	590609	CHR17:590609	SSF x Far_LoA	-9,181	0,131	0,280
CHR17	590665	CHR17:590665	SSF x Far_LoA	-6,232	-0,123	0,285
CHR17	590696	CHR17:590696	SSF x Far_LoA	-10,689	-0,017	0,293
CHR17	590697	CHR17:590697	SSF x Far_LoA	-8,376	0,022	0,294
CHR17	590706	CHR17:590706	SSF x Far_LoA	-5,339	0,111	0,279
CHR17	590718	CHR17:590718	SSF x Far_LoA	-9,003	0,107	0,279
CHR17	590729	CHR17:590729	SSF x Far_LoA	-6,965	-0,074	0,299
CHR17	5994620	CHR17:5994620	SSF x Far_LoA	-10,382	-0,042	0,293
CHR17	6003486	CHR17:6003486	SSF x Far_LoA	-5,693	0,137	0,279
CHR17	6003494	CHR17:6003494	SSF x Far_LoA	-9,359	-0,099	0,291
CHR17	6003582	CHR17:6003582	SSF x Far_LoA	-1,192	-0,166	0,281
CHR17	6026258	CHR17:6026258	SSF x Far_LoA	-8,708	-0,011	0,308
CHR17	6067071	CHR17:6067071	SSF x Far_LoA	-10,016	-0,092	0,291
CHR17	6067097	CHR17:6067097	SSF x Far_LoA	-11,607	-0,031	0,286
CHR17	6102628	CHR17:6102628	SSF x Far_LoA	-9,188	-0,094	0,299
CHR17	6102769	CHR17:6102769	SSF x Far_LoA	-8,866	-0,052	0,302

CHR17	6102771	CHR17:6102771	SSF x Far_LoA	-8,364	-0,045	0,306
CHR17	6102776	CHR17:6102776	SSF x Far_LoA	-10,256	0,118	0,292
CHR17	6102783	CHR17:6102783	SSF x Far_LoA	-11,121	-0,028	0,310
CHR17	6102794	CHR17:6102794	SSF x Far_LoA	-10,583	-0,022	0,303
CHR17	6102808	CHR17:6102808	SSF x Far_LoA	-10,039	-0,018	0,300
CHR17	6102817	CHR17:6102817	SSF x Far_LoA	-4,254	-0,004	0,299
CHR17	6102857	CHR17:6102857	SSF x Far_LoA	-10,486	-0,038	0,298
CHR17	6146692	CHR17:6146692	SSF x Far_LoA	-10,537	0,035	0,305
CHR17	6218997	CHR17:6218997	SSF x Far_LoA	-9,042	0,028	0,297
CHR17	623909	CHR17:623909	SSF x Far_LoA	-10,915	-0,016	0,283
CHR17	623939	CHR17:623939	SSF x Far_LoA	-12,099	-0,007	0,284
CHR17	624010	CHR17:624010	SSF x Far_LoA	-7,715	-0,080	0,288
CHR17	624039	CHR17:624039	SSF x Far_LoA	-7,745	0,054	0,285
CHR17	624813	CHR17:624813	SSF x Far_LoA	-10,042	0,009	0,278
CHR17	624907	CHR17:624907	SSF x Far_LoA	-6,484	0,092	0,295
CHR17	624979	CHR17:624979	SSF x Far_LoA	-9,223	-0,050	0,283
CHR17	625031	CHR17:625031	SSF x Far_LoA	-6,585	0,130	0,282
CHR17	6251690	CHR17:6251690	SSF x Far_LoA	-8,699	0,030	0,294
CHR17	6251691	CHR17:6251691	SSF x Far_LoA	-8,275	0,022	0,290
CHR17	6251770	CHR17:6251770	SSF x Far_LoA	-8,344	0,014	0,306
CHR17	6251820	CHR17:6251820	SSF x Far_LoA	-10,470	0,116	0,289
CHR17	6251859	CHR17:6251859	SSF x Far_LoA	-8,844	0,036	0,300
CHR17	6287416	CHR17:6287416	SSF x Far_LoA	-8,850	-0,030	0,305
CHR17	6287418	CHR17:6287418	SSF x Far_LoA	-7,802	0,007	0,311
CHR17	6287427	CHR17:6287427	SSF x Far_LoA	-8,450	0,003	0,313
CHR17	6287434	CHR17:6287434	SSF x Far_LoA	-8,446	-0,033	0,296
CHR17	6287443	CHR17:6287443	SSF x Far_LoA	-8,892	-0,003	0,312
CHR17	6287446	CHR17:6287446	SSF x Far_LoA	-8,313	-0,016	0,309
CHR17	6287451	CHR17:6287451	SSF x Far_LoA	-9,059	-0,013	0,299
CHR17	6287471	CHR17:6287471	SSF x Far_LoA	-8,053	-0,006	0,308
CHR17	6287490	CHR17:6287490	SSF x Far_LoA	-7,298	-0,013	0,308
CHR17	6287493	CHR17:6287493	SSF x Far_LoA	-8,454	0,002	0,308
CHR17	6287506	CHR17:6287506	SSF x Far_LoA	-8,318	-0,003	0,316
CHR17	6287509	CHR17:6287509	SSF x Far_LoA	-8,770	0,004	0,307
CHR17	6287520	CHR17:6287520	SSF x Far_LoA	-8,686	-0,018	0,313
CHR17	6287528	CHR17:6287528	SSF x Far_LoA	-9,019	0,030	0,306
CHR17	632278	CHR17:632278	SSF x Far_LoA	-10,223	0,040	0,307
CHR17	632378	CHR17:632378	SSF x Far_LoA	-9,627	0,087	0,285
CHR17	632948	CHR17:632948	SSF x Far_LoA	-11,129	0,067	0,298
CHR17	632949	CHR17:632949	SSF x Far_LoA	-8,409	0,147	0,273
CHR17	632968	CHR17:632968	SSF x Far_LoA	-7,502	0,004	0,279
CHR17	6332462	CHR17:6332462	SSF x Far_LoA	-9,838	-0,078	0,299
CHR17	634241	CHR17:634241	SSF x Far_LoA	-8,383	0,052	0,304
CHR17	6358482	CHR17:6358482	SSF x Far_LoA	-7,172	0,151	0,274
CHR17	6369174	CHR17:6369174	SSF x Far_LoA	-0,120	0,064	0,302
CHR17	638584	CHR17:638584	SSF x Far_LoA	-8,647	-0,040	0,287
CHR17	638590	CHR17:638590	SSF x Far_LoA	-8,219	-0,101	0,286
CHR17	638612	CHR17:638612	SSF x Far_LoA	-8,491	0,005	0,301
CHR17	638621	CHR17:638621	SSF x Far_LoA	-8,350	0,059	0,288
CHR17	638623	CHR17:638623	SSF x Far_LoA	-6,793	0,057	0,285
CHR17	638665	CHR17:638665	SSF x Far_LoA	-11,079	0,014	0,290
CHR17	6402285	CHR17:6402285	SSF x Far_LoA	-10,757	-0,059	0,279
CHR17	6402382	CHR17:6402382	SSF x Far_LoA	-9,805	-0,089	0,279

CHR17	6403061	CHR17:6403061	SSF x Far_LoA	-9,410	0,184	0,287
CHR17	6403070	CHR17:6403070	SSF x Far_LoA	-6,917	0,073	0,301
CHR17	6409936	CHR17:6409936	SSF x Far_LoA	-8,349	-0,171	0,294
CHR17	644589	CHR17:644589	SSF x Far_LoA	-10,627	-0,074	0,298
CHR17	644685	CHR17:644685	SSF x Far_LoA	-11,577	-0,088	0,278
CHR17	6447000	CHR17:6447000	SSF x Far_LoA	-3,796	0,145	0,281
CHR17	6514855	CHR17:6514855	SSF x Far_LoA	-7,403	0,009	0,307
CHR17	6514917	CHR17:6514917	SSF x Far_LoA	-8,682	-0,002	0,304
CHR17	6542857	CHR17:6542857	SSF x Far_LoA	-6,572	0,119	0,284
CHR17	6543066	CHR17:6543066	SSF x Far_LoA	-8,997	0,039	0,294
CHR17	6552337	CHR17:6552337	SSF x Far_LoA	-8,524	0,032	0,298
CHR17	6564395	CHR17:6564395	SSF x Far_LoA	-8,563	0,095	0,287
CHR17	6564422	CHR17:6564422	SSF x Far_LoA	-7,594	0,004	0,291
CHR17	6571413	CHR17:6571413	SSF x Far_LoA	-5,434	0,071	0,281
CHR17	6571467	CHR17:6571467	SSF x Far_LoA	-8,838	0,051	0,274
CHR17	6579612	CHR17:6579612	SSF x Far_LoA	-5,766	0,063	0,283
CHR17	6596652	CHR17:6596652	SSF x Far_LoA	-5,753	0,152	0,274
CHR17	6596670	CHR17:6596670	SSF x Far_LoA	-8,627	-0,065	0,300
CHR17	6596936	CHR17:6596936	SSF x Far_LoA	-6,600	0,144	0,289
CHR17	6607747	CHR17:6607747	SSF x Far_LoA	-8,233	-0,026	0,295
CHR17	6620619	CHR17:6620619	SSF x Far_LoA	-9,472	-0,027	0,294
CHR17	6620696	CHR17:6620696	SSF x Far_LoA	-10,542	0,012	0,284
CHR17	6623435	CHR17:6623435	SSF x Far_LoA	-6,431	0,075	0,283
CHR17	6631957	CHR17:6631957	SSF x Far_LoA	-7,489	-0,138	0,289
CHR17	6632007	CHR17:6632007	SSF x Far_LoA	-10,100	-0,003	0,283
CHR17	6632025	CHR17:6632025	SSF x Far_LoA	-10,258	-0,146	0,285
CHR17	6632055	CHR17:6632055	SSF x Far_LoA	-12,186	-0,008	0,271
CHR17	6660390	CHR17:6660390	SSF x Far_LoA	-9,322	-0,063	0,289
CHR17	6660402	CHR17:6660402	SSF x Far_LoA	-8,548	-0,035	0,305
CHR17	6660505	CHR17:6660505	SSF x Far_LoA	-8,744	-0,041	0,289
CHR17	6664416	CHR17:6664416	SSF x Far_LoA	-6,835	-0,003	0,295
CHR17	6664714	CHR17:6664714	SSF x Far_LoA	-9,852	-0,019	0,294
CHR17	6671635	CHR17:6671635	SSF x Far_LoA	-6,565	-0,097	0,292
CHR17	6671646	CHR17:6671646	SSF x Far_LoA	-12,072	-0,067	0,276
CHR17	6671674	CHR17:6671674	SSF x Far_LoA	-6,627	-0,093	0,286
CHR17	6671787	CHR17:6671787	SSF x Far_LoA	-9,537	0,043	0,299
CHR17	667454	CHR17:667454	SSF x Far_LoA	-10,855	-0,041	0,283
CHR17	6697528	CHR17:6697528	SSF x Far_LoA	-9,342	-0,070	0,289
CHR17	6714248	CHR17:6714248	SSF x Far_LoA	-9,899	-0,084	0,288
CHR17	6718948	CHR17:6718948	SSF x Far_LoA	-8,091	-0,121	0,288
CHR17	6718981	CHR17:6718981	SSF x Far_LoA	-1,707	0,121	0,271
CHR17	6718982	CHR17:6718982	SSF x Far_LoA	-6,942	0,137	0,278
CHR17	6719116	CHR17:6719116	SSF x Far_LoA	-8,149	0,034	0,288
CHR17	6719179	CHR17:6719179	SSF x Far_LoA	-11,056	0,004	0,295
CHR17	6719221	CHR17:6719221	SSF x Far_LoA	-6,814	0,044	0,287
CHR17	6763099	CHR17:6763099	SSF x Far_LoA	-6,953	0,150	0,284
CHR17	677963	CHR17:677963	SSF x Far_LoA	-10,301	0,024	0,300
CHR17	677981	CHR17:677981	SSF x Far_LoA	-8,547	0,079	0,280
CHR17	677998	CHR17:677998	SSF x Far_LoA	-8,310	-0,076	0,294
CHR17	678020	CHR17:678020	SSF x Far_LoA	-11,668	0,020	0,282
CHR17	678055	CHR17:678055	SSF x Far_LoA	-8,689	0,082	0,283
CHR17	678097	CHR17:678097	SSF x Far_LoA	-9,173	-0,039	0,306
CHR17	6780997	CHR17:6780997	SSF x Far_LoA	-8,327	-0,035	0,302

CHR17	6781092	CHR17:6781092	SSF x Far_LoA	-9,590	0,003	0,301
CHR17	6785743	CHR17:6785743	SSF x Far_LoA	-10,118	0,131	0,304
CHR17	6785805	CHR17:6785805	SSF x Far_LoA	5,632	-0,086	0,305
CHR17	6794898	CHR17:6794898	SSF x Far_LoA	-7,609	-0,019	0,276
CHR17	6804411	CHR17:6804411	SSF x Far_LoA	-3,750	0,092	0,286
CHR17	6804448	CHR17:6804448	SSF x Far_LoA	-5,812	-0,169	0,291
CHR17	6807397	CHR17:6807397	SSF x Far_LoA	-10,533	-0,131	0,283
CHR17	6807459	CHR17:6807459	SSF x Far_LoA	-5,810	-0,047	0,296
CHR17	6807489	CHR17:6807489	SSF x Far_LoA	-8,632	-0,014	0,278
CHR17	6807497	CHR17:6807497	SSF x Far_LoA	-9,710	0,080	0,290
CHR17	6808933	CHR17:6808933	SSF x Far_LoA	-8,363	0,042	0,281
CHR17	6817883	CHR17:6817883	SSF x Far_LoA	-10,330	0,025	0,293
CHR17	6817953	CHR17:6817953	SSF x Far_LoA	-10,513	0,003	0,293
CHR17	6817963	CHR17:6817963	SSF x Far_LoA	-8,766	-0,119	0,284
CHR17	6818028	CHR17:6818028	SSF x Far_LoA	-10,924	-0,015	0,294
CHR17	6818076	CHR17:6818076	SSF x Far_LoA	-11,572	0,029	0,287
CHR17	6818090	CHR17:6818090	SSF x Far_LoA	-8,841	-0,106	0,270
CHR17	6821622	CHR17:6821622	SSF x Far_LoA	-8,839	0,064	0,293
CHR17	6828527	CHR17:6828527	SSF x Far_LoA	-8,434	-0,002	0,304
CHR17	6859872	CHR17:6859872	SSF x Far_LoA	-10,041	0,068	0,284
CHR17	6870825	CHR17:6870825	SSF x Far_LoA	-11,462	-0,043	0,288
CHR17	6876922	CHR17:6876922	SSF x Far_LoA	-10,008	0,001	0,296
CHR17	6877160	CHR17:6877160	SSF x Far_LoA	-5,210	0,115	0,284
CHR17	6917538	CHR17:6917538	SSF x Far_LoA	-8,455	0,082	0,284
CHR17	692206	CHR17:692206	SSF x Far_LoA	-5,576	0,118	0,279
CHR17	692256	CHR17:692256	SSF x Far_LoA	-9,752	-0,022	0,279
CHR17	6937886	CHR17:6937886	SSF x Far_LoA	-7,872	-0,073	0,284
CHR17	6940178	CHR17:6940178	SSF x Far_LoA	-10,194	0,092	0,285
CHR17	6940425	CHR17:6940425	SSF x Far_LoA	-9,565	-0,153	0,293
CHR17	6951730	CHR17:6951730	SSF x Far_LoA	-6,345	-0,049	0,285
CHR17	6958845	CHR17:6958845	SSF x Far_LoA	-9,570	-0,139	0,284
CHR17	6958853	CHR17:6958853	SSF x Far_LoA	0,894	-0,056	0,296
CHR17	6958875	CHR17:6958875	SSF x Far_LoA	-8,967	-0,025	0,283
CHR17	6987384	CHR17:6987384	SSF x Far_LoA	-9,979	-0,016	0,269
CHR17	6987476	CHR17:6987476	SSF x Far_LoA	-10,401	-0,093	0,284
CHR17	6987529	CHR17:6987529	SSF x Far_LoA	-8,725	0,009	0,295
CHR17	6999365	CHR17:6999365	SSF x Far_LoA	-8,156	-0,046	0,288
CHR17	6999515	CHR17:6999515	SSF x Far_LoA	-11,612	0,058	0,295
CHR17	7034212	CHR17:7034212	SSF x Far_LoA	-9,615	-0,030	0,301
CHR17	7034291	CHR17:7034291	SSF x Far_LoA	-9,456	-0,013	0,291
CHR17	7034408	CHR17:7034408	SSF x Far_LoA	-11,594	0,006	0,284
CHR17	7042635	CHR17:7042635	SSF x Far_LoA	-8,027	0,062	0,307
CHR17	7042640	CHR17:7042640	SSF x Far_LoA	-11,070	0,044	0,283
CHR17	7044159	CHR17:7044159	SSF x Far_LoA	-8,459	-0,117	0,305
CHR17	7044242	CHR17:7044242	SSF x Far_LoA	-10,132	0,068	0,296
CHR17	7116372	CHR17:7116372	SSF x Far_LoA	-6,715	0,154	0,270
CHR17	7116383	CHR17:7116383	SSF x Far_LoA	-10,011	-0,075	0,297
CHR17	7117197	CHR17:7117197	SSF x Far_LoA	-7,883	0,026	0,302
CHR17	7140440	CHR17:7140440	SSF x Far_LoA	-7,498	0,093	0,296
CHR17	7144836	CHR17:7144836	SSF x Far_LoA	-5,190	-0,062	0,247
CHR17	7146899	CHR17:7146899	SSF x Far_LoA	-5,616	0,132	0,301
CHR17	7148957	CHR17:7148957	SSF x Far_LoA	-11,408	0,017	0,283
CHR17	7174469	CHR17:7174469	SSF x Far_LoA	-7,320	0,121	0,297

CHR17	7174496	CHR17:7174496	SSF x Far_LoA	-6,354	0,123	0,291
CHR17	7174626	CHR17:7174626	SSF x Far_LoA	-10,426	0,114	0,284
CHR17	7180380	CHR17:7180380	SSF x Far_LoA	-5,156	-0,097	0,289
CHR17	7180549	CHR17:7180549	SSF x Far_LoA	-9,093	-0,037	0,300
CHR17	720057	CHR17:720057	SSF x Far_LoA	-7,803	-0,098	0,304
CHR17	720118	CHR17:720118	SSF x Far_LoA	-6,932	0,134	0,283
CHR17	720196	CHR17:720196	SSF x Far_LoA	-8,926	-0,004	0,288
CHR17	722781	CHR17:722781	SSF x Far_LoA	-7,022	0,137	0,294
CHR17	722828	CHR17:722828	SSF x Far_LoA	-9,515	0,086	0,296
CHR17	722829	CHR17:722829	SSF x Far_LoA	-9,528	0,073	0,295
CHR17	722973	CHR17:722973	SSF x Far_LoA	-7,099	-0,033	0,296
CHR17	722977	CHR17:722977	SSF x Far_LoA	-10,375	-0,004	0,282
CHR17	7245454	CHR17:7245454	SSF x Far_LoA	-8,909	-0,067	0,299
CHR17	7245462	CHR17:7245462	SSF x Far_LoA	-7,637	-0,149	0,265
CHR17	7245475	CHR17:7245475	SSF x Far_LoA	-7,690	0,086	0,285
CHR17	7254335	CHR17:7254335	SSF x Far_LoA	-8,748	-0,042	0,283
CHR17	7271130	CHR17:7271130	SSF x Far_LoA	-10,253	-0,064	0,286
CHR17	7280923	CHR17:7280923	SSF x Far_LoA	-6,993	0,018	0,288
CHR17	7289539	CHR17:7289539	SSF x Far_LoA	-3,606	-0,252	0,290
CHR17	729162	CHR17:729162	SSF x Far_LoA	-5,397	0,132	0,306
CHR17	729240	CHR17:729240	SSF x Far_LoA	-10,262	0,089	0,283
CHR17	729252	CHR17:729252	SSF x Far_LoA	-8,387	-0,008	0,275
CHR17	729254	CHR17:729254	SSF x Far_LoA	-9,262	-0,025	0,275
CHR17	7293064	CHR17:7293064	SSF x Far_LoA	-10,415	0,066	0,294
CHR17	729337	CHR17:729337	SSF x Far_LoA	-9,588	0,002	0,294
CHR17	729398	CHR17:729398	SSF x Far_LoA	2,262	0,161	0,293
CHR17	7323090	CHR17:7323090	SSF x Far_LoA	-9,652	-0,003	0,291
CHR17	733569	CHR17:733569	SSF x Far_LoA	-9,991	0,065	0,298
CHR17	733642	CHR17:733642	SSF x Far_LoA	-9,336	-0,011	0,304
CHR17	733656	CHR17:733656	SSF x Far_LoA	-7,013	0,151	0,284
CHR17	733663	CHR17:733663	SSF x Far_LoA	-11,526	-0,051	0,282
CHR17	7338258	CHR17:7338258	SSF x Far_LoA	-7,007	0,144	0,280
CHR17	7338278	CHR17:7338278	SSF x Far_LoA	-8,415	0,137	0,260
CHR17	7338371	CHR17:7338371	SSF x Far_LoA	-7,089	0,181	0,275
CHR17	7347015	CHR17:7347015	SSF x Far_LoA	-10,967	-0,060	0,288
CHR17	7347049	CHR17:7347049	SSF x Far_LoA	-9,852	0,040	0,298
CHR17	7347093	CHR17:7347093	SSF x Far_LoA	-7,402	0,181	0,279
CHR17	736511	CHR17:736511	SSF x Far_LoA	-9,197	0,020	0,303
CHR17	736512	CHR17:736512	SSF x Far_LoA	-5,452	0,017	0,310
CHR17	736532	CHR17:736532	SSF x Far_LoA	-10,203	0,102	0,281
CHR17	736564	CHR17:736564	SSF x Far_LoA	-10,774	0,016	0,298
CHR17	736600	CHR17:736600	SSF x Far_LoA	-9,976	0,119	0,279
CHR17	736601	CHR17:736601	SSF x Far_LoA	-9,993	0,019	0,298
CHR17	736603	CHR17:736603	SSF x Far_LoA	-10,025	-0,002	0,286
CHR17	7391151	CHR17:7391151	SSF x Far_LoA	-11,649	-0,069	0,290
CHR17	739593	CHR17:739593	SSF x Far_LoA	-9,936	-0,091	0,289
CHR17	7423650	CHR17:7423650	SSF x Far_LoA	-5,117	0,235	0,279
CHR17	7434891	CHR17:7434891	SSF x Far_LoA	-6,860	-0,030	0,309
CHR17	7435007	CHR17:7435007	SSF x Far_LoA	-8,355	-0,067	0,302
CHR17	7444688	CHR17:7444688	SSF x Far_LoA	-9,884	0,070	0,284
CHR17	7444695	CHR17:7444695	SSF x Far_LoA	-10,418	0,072	0,294
CHR17	7453537	CHR17:7453537	SSF x Far_LoA	-9,977	-0,075	0,275
CHR17	7453976	CHR17:7453976	SSF x Far_LoA	-8,664	-0,070	0,298

CHR17	747449	CHR17:747449	SSF x Far_LoA	-9,380	-0,166	0,290
CHR17	747584	CHR17:747584	SSF x Far_LoA	-11,176	0,113	0,280
CHR17	747620	CHR17:747620	SSF x Far_LoA	-9,903	0,014	0,278
CHR17	747692	CHR17:747692	SSF x Far_LoA	-11,557	0,035	0,292
CHR17	7477760	CHR17:7477760	SSF x Far_LoA	-7,800	0,048	0,290
CHR17	758025	CHR17:758025	SSF x Far_LoA	-7,481	0,211	0,272
CHR17	758027	CHR17:758027	SSF x Far_LoA	-3,578	0,233	0,287
CHR17	758037	CHR17:758037	SSF x Far_LoA	-8,031	-0,087	0,289
CHR17	758038	CHR17:758038	SSF x Far_LoA	-8,704	-0,097	0,292
CHR17	758045	CHR17:758045	SSF x Far_LoA	-5,890	-0,096	0,297
CHR17	758052	CHR17:758052	SSF x Far_LoA	-11,126	-0,024	0,292
CHR17	758061	CHR17:758061	SSF x Far_LoA	-8,682	-0,092	0,276
CHR17	758062	CHR17:758062	SSF x Far_LoA	1,132	-0,274	0,256
CHR17	758088	CHR17:758088	SSF x Far_LoA	-4,198	-0,140	0,286
CHR17	766881	CHR17:766881	SSF x Far_LoA	-8,140	0,114	0,297
CHR17	766897	CHR17:766897	SSF x Far_LoA	-9,634	-0,099	0,276
CHR17	766955	CHR17:766955	SSF x Far_LoA	-7,334	-0,168	0,286
CHR17	766956	CHR17:766956	SSF x Far_LoA	-9,657	-0,104	0,306
CHR17	767023	CHR17:767023	SSF x Far_LoA	-9,085	0,099	0,287
CHR17	767081	CHR17:767081	SSF x Far_LoA	-8,815	0,017	0,296
CHR17	767110	CHR17:767110	SSF x Far_LoA	-8,591	-0,057	0,294
CHR17	77995	CHR17:77995	SSF x Far_LoA	-8,051	-0,014	0,296
CHR17	78160	CHR17:78160	SSF x Far_LoA	-4,676	0,030	0,294
CHR17	78164	CHR17:78164	SSF x Far_LoA	-7,701	0,052	0,296
CHR17	781890	CHR17:781890	SSF x Far_LoA	-10,245	0,044	0,312
CHR17	781918	CHR17:781918	SSF x Far_LoA	-7,758	0,027	0,294
CHR17	781943	CHR17:781943	SSF x Far_LoA	-7,112	-0,120	0,285
CHR17	784647	CHR17:784647	SSF x Far_LoA	-9,846	-0,058	0,278
CHR17	784648	CHR17:784648	SSF x Far_LoA	-8,638	-0,117	0,282
CHR17	784711	CHR17:784711	SSF x Far_LoA	-8,305	-0,026	0,311
CHR17	784721	CHR17:784721	SSF x Far_LoA	-9,977	0,047	0,291
CHR17	784757	CHR17:784757	SSF x Far_LoA	-8,349	-0,126	0,289
CHR17	784802	CHR17:784802	SSF x Far_LoA	-6,809	0,141	0,292
CHR17	784843	CHR17:784843	SSF x Far_LoA	-7,678	0,122	0,281
CHR17	784844	CHR17:784844	SSF x Far_LoA	-10,622	0,026	0,283
CHR17	790229	CHR17:790229	SSF x Far_LoA	-8,925	-0,067	0,277
CHR17	790332	CHR17:790332	SSF x Far_LoA	-8,124	0,003	0,277
CHR17	790346	CHR17:790346	SSF x Far_LoA	-10,255	0,085	0,286
CHR17	801673	CHR17:801673	SSF x Far_LoA	-10,058	0,019	0,278
CHR17	801705	CHR17:801705	SSF x Far_LoA	-8,675	0,042	0,307
CHR17	801775	CHR17:801775	SSF x Far_LoA	-10,057	0,010	0,295
CHR17	801776	CHR17:801776	SSF x Far_LoA	-9,925	0,093	0,277
CHR17	801805	CHR17:801805	SSF x Far_LoA	-10,119	-0,009	0,288
CHR17	801846	CHR17:801846	SSF x Far_LoA	-9,378	-0,039	0,293
CHR17	801947	CHR17:801947	SSF x Far_LoA	-6,453	-0,100	0,301
CHR17	802026	CHR17:802026	SSF x Far_LoA	-8,090	0,083	0,294
CHR17	802031	CHR17:802031	SSF x Far_LoA	-10,492	0,094	0,299
CHR17	802055	CHR17:802055	SSF x Far_LoA	-8,985	0,026	0,297
CHR17	802074	CHR17:802074	SSF x Far_LoA	-10,974	-0,006	0,289
CHR17	8120153	CHR17:8120153	SSF x Far_LoA	-6,939	0,071	0,296
CHR17	8120175	CHR17:8120175	SSF x Far_LoA	-8,204	0,042	0,289
CHR17	8129534	CHR17:8129534	SSF x Far_LoA	-10,276	0,042	0,295
CHR17	8131382	CHR17:8131382	SSF x Far_LoA	-10,874	-0,021	0,294

CHR17	8139726	CHR17:8139726	SSF x Far_LoA	-3,314	0,135	0,286
CHR17	8139748	CHR17:8139748	SSF x Far_LoA	-6,958	-0,101	0,284
CHR17	8142722	CHR17:8142722	SSF x Far_LoA	-11,690	-0,034	0,293
CHR17	8159543	CHR17:8159543	SSF x Far_LoA	-11,627	0,029	0,283
CHR17	8159777	CHR17:8159777	SSF x Far_LoA	-10,782	0,068	0,276
CHR17	8159849	CHR17:8159849	SSF x Far_LoA	-12,054	0,038	0,294
CHR17	8190792	CHR17:8190792	SSF x Far_LoA	-9,349	-0,100	0,295
CHR17	8190811	CHR17:8190811	SSF x Far_LoA	-10,301	0,021	0,290
CHR17	8231255	CHR17:8231255	SSF x Far_LoA	-7,834	-0,040	0,303
CHR17	8247683	CHR17:8247683	SSF x Far_LoA	-10,625	0,010	0,290
CHR17	8247714	CHR17:8247714	SSF x Far_LoA	-11,423	0,017	0,279
CHR17	8247768	CHR17:8247768	SSF x Far_LoA	-11,535	-0,019	0,283
CHR17	8247789	CHR17:8247789	SSF x Far_LoA	-11,103	-0,010	0,287
CHR17	8247825	CHR17:8247825	SSF x Far_LoA	-10,608	0,036	0,289
CHR17	8257231	CHR17:8257231	SSF x Far_LoA	-0,710	0,084	0,294
CHR17	8280431	CHR17:8280431	SSF x Far_LoA	-9,589	0,013	0,293
CHR17	8280440	CHR17:8280440	SSF x Far_LoA	-9,008	-0,013	0,296
CHR17	828109	CHR17:828109	SSF x Far_LoA	-11,283	0,026	0,275
CHR17	8281404	CHR17:8281404	SSF x Far_LoA	-11,804	-0,028	0,294
CHR17	8281447	CHR17:8281447	SSF x Far_LoA	-9,310	-0,003	0,302
CHR17	828153	CHR17:828153	SSF x Far_LoA	-5,913	0,139	0,291
CHR17	828357	CHR17:828357	SSF x Far_LoA	-8,684	-0,084	0,288
CHR17	8293803	CHR17:8293803	SSF x Far_LoA	-9,382	-0,093	0,278
CHR17	8293825	CHR17:8293825	SSF x Far_LoA	-8,474	-0,086	0,283
CHR17	8293839	CHR17:8293839	SSF x Far_LoA	-10,092	0,138	0,297
CHR17	8306259	CHR17:8306259	SSF x Far_LoA	-9,029	-0,097	0,279
CHR17	8306280	CHR17:8306280	SSF x Far_LoA	-8,160	0,047	0,295
CHR17	8306415	CHR17:8306415	SSF x Far_LoA	-6,942	-0,086	0,294
CHR17	8310741	CHR17:8310741	SSF x Far_LoA	-9,628	0,052	0,287
CHR17	8310768	CHR17:8310768	SSF x Far_LoA	-9,713	0,064	0,282
CHR17	8310872	CHR17:8310872	SSF x Far_LoA	-5,342	0,052	0,286
CHR17	8310916	CHR17:8310916	SSF x Far_LoA	-10,051	-0,019	0,279
CHR17	8310918	CHR17:8310918	SSF x Far_LoA	-9,873	0,010	0,280
CHR17	8310920	CHR17:8310920	SSF x Far_LoA	-9,932	-0,029	0,280
CHR17	8310942	CHR17:8310942	SSF x Far_LoA	-11,282	-0,105	0,295
CHR17	8310955	CHR17:8310955	SSF x Far_LoA	-8,861	0,120	0,279
CHR17	8310973	CHR17:8310973	SSF x Far_LoA	-8,961	0,012	0,301
CHR17	8348172	CHR17:8348172	SSF x Far_LoA	-10,722	0,136	0,277
CHR17	8352157	CHR17:8352157	SSF x Far_LoA	-8,789	0,106	0,291
CHR17	8352203	CHR17:8352203	SSF x Far_LoA	-11,673	-0,113	0,274
CHR17	8352204	CHR17:8352204	SSF x Far_LoA	-10,729	0,031	0,287
CHR17	8352252	CHR17:8352252	SSF x Far_LoA	-10,159	-0,073	0,287
CHR17	8352260	CHR17:8352260	SSF x Far_LoA	-5,218	-0,119	0,301
CHR17	8358414	CHR17:8358414	SSF x Far_LoA	-11,691	-0,017	0,285
CHR17	8358415	CHR17:8358415	SSF x Far_LoA	-11,236	0,027	0,298
CHR17	8358483	CHR17:8358483	SSF x Far_LoA	-8,294	0,039	0,294
CHR17	8359490	CHR17:8359490	SSF x Far_LoA	-7,419	-0,056	0,294
CHR17	8359496	CHR17:8359496	SSF x Far_LoA	-11,397	-0,031	0,292
CHR17	8359541	CHR17:8359541	SSF x Far_LoA	-7,050	-0,066	0,312
CHR17	8359542	CHR17:8359542	SSF x Far_LoA	-8,509	-0,042	0,301
CHR17	8359547	CHR17:8359547	SSF x Far_LoA	-9,292	-0,032	0,283
CHR17	8359642	CHR17:8359642	SSF x Far_LoA	-8,525	-0,080	0,285
CHR17	8359719	CHR17:8359719	SSF x Far_LoA	-9,783	0,030	0,310

CHR17	8361083	CHR17:8361083	SSF x Far_LoA	-10,700	-0,085	0,293
CHR17	8361177	CHR17:8361177	SSF x Far_LoA	-11,157	0,104	0,282
CHR17	8361235	CHR17:8361235	SSF x Far_LoA	-10,687	0,077	0,284
CHR17	8361333	CHR17:8361333	SSF x Far_LoA	-11,169	0,010	0,294
CHR17	8361334	CHR17:8361334	SSF x Far_LoA	-8,110	0,043	0,303
CHR17	8365604	CHR17:8365604	SSF x Far_LoA	-10,303	0,010	0,289
CHR17	8365642	CHR17:8365642	SSF x Far_LoA	-9,382	-0,006	0,301
CHR17	8366922	CHR17:8366922	SSF x Far_LoA	-9,493	0,091	0,278
CHR17	8367023	CHR17:8367023	SSF x Far_LoA	-11,881	0,060	0,273
CHR17	8376615	CHR17:8376615	SSF x Far_LoA	-9,311	0,131	0,290
CHR17	8379002	CHR17:8379002	SSF x Far_LoA	-5,268	0,110	0,263
CHR17	8382239	CHR17:8382239	SSF x Far_LoA	-6,804	-0,069	0,289
CHR17	8382279	CHR17:8382279	SSF x Far_LoA	-9,317	-0,099	0,304
CHR17	8382291	CHR17:8382291	SSF x Far_LoA	-8,593	-0,124	0,307
CHR17	8382296	CHR17:8382296	SSF x Far_LoA	-11,000	0,006	0,304
CHR17	8382299	CHR17:8382299	SSF x Far_LoA	-5,050	-0,142	0,302
CHR17	8383596	CHR17:8383596	SSF x Far_LoA	-11,716	-0,066	0,293
CHR17	8383721	CHR17:8383721	SSF x Far_LoA	-8,904	-0,052	0,299
CHR17	8383766	CHR17:8383766	SSF x Far_LoA	-8,332	0,131	0,295
CHR17	8388885	CHR17:8388885	SSF x Far_LoA	-7,506	0,081	0,280
CHR17	8388916	CHR17:8388916	SSF x Far_LoA	-11,390	0,050	0,297
CHR17	8388931	CHR17:8388931	SSF x Far_LoA	-8,474	-0,106	0,263
CHR17	8391756	CHR17:8391756	SSF x Far_LoA	-11,474	-0,061	0,287
CHR17	8391958	CHR17:8391958	SSF x Far_LoA	-8,301	0,000	0,293
CHR17	8393097	CHR17:8393097	SSF x Far_LoA	-7,705	-0,151	0,290
CHR17	8393102	CHR17:8393102	SSF x Far_LoA	-9,733	0,149	0,285
CHR17	8397580	CHR17:8397580	SSF x Far_LoA	-9,069	0,038	0,295
CHR17	8397592	CHR17:8397592	SSF x Far_LoA	-9,029	0,047	0,281
CHR17	8397606	CHR17:8397606	SSF x Far_LoA	-11,206	0,031	0,287
CHR17	8399000	CHR17:8399000	SSF x Far_LoA	-9,679	0,137	0,288
CHR17	841858	CHR17:841858	SSF x Far_LoA	-9,040	-0,005	0,300
CHR17	8421129	CHR17:8421129	SSF x Far_LoA	-8,710	0,056	0,276
CHR17	8421161	CHR17:8421161	SSF x Far_LoA	-9,781	0,059	0,284
CHR17	8421164	CHR17:8421164	SSF x Far_LoA	-8,237	0,027	0,271
CHR17	8423222	CHR17:8423222	SSF x Far_LoA	-6,103	-0,135	0,290
CHR17	844459	CHR17:844459	SSF x Far_LoA	-8,811	-0,045	0,296
CHR17	844472	CHR17:844472	SSF x Far_LoA	-8,219	-0,028	0,286
CHR17	844493	CHR17:844493	SSF x Far_LoA	-10,389	0,022	0,298
CHR17	844519	CHR17:844519	SSF x Far_LoA	-0,021	0,142	0,283
CHR17	8445682	CHR17:8445682	SSF x Far_LoA	-9,790	-0,125	0,285
CHR17	8456321	CHR17:8456321	SSF x Far_LoA	-8,192	-0,054	0,292
CHR17	8456433	CHR17:8456433	SSF x Far_LoA	-8,663	0,068	0,296
CHR17	8456462	CHR17:8456462	SSF x Far_LoA	-11,303	-0,015	0,292
CHR17	8456489	CHR17:8456489	SSF x Far_LoA	-8,685	0,061	0,301
CHR17	8463281	CHR17:8463281	SSF x Far_LoA	-10,795	0,018	0,294
CHR17	8464837	CHR17:8464837	SSF x Far_LoA	-7,669	0,082	0,308
CHR17	8464856	CHR17:8464856	SSF x Far_LoA	-8,992	-0,066	0,289
CHR17	8464900	CHR17:8464900	SSF x Far_LoA	-1,247	0,066	0,313
CHR17	8464915	CHR17:8464915	SSF x Far_LoA	-9,312	0,042	0,307
CHR17	8468517	CHR17:8468517	SSF x Far_LoA	-8,978	0,034	0,298
CHR17	8468553	CHR17:8468553	SSF x Far_LoA	-9,385	0,049	0,291
CHR17	8468620	CHR17:8468620	SSF x Far_LoA	-11,190	0,057	0,307
CHR17	8470079	CHR17:8470079	SSF x Far_LoA	-7,664	0,128	0,290

CHR17	8470093	CHR17:8470093	SSF x Far_LoA	-7,444	0,117	0,296
CHR17	8470100	CHR17:8470100	SSF x Far_LoA	-5,669	0,112	0,288
CHR17	8470153	CHR17:8470153	SSF x Far_LoA	-5,098	0,139	0,306
CHR17	8471285	CHR17:8471285	SSF x Far_LoA	-9,099	0,115	0,286
CHR17	8471434	CHR17:8471434	SSF x Far_LoA	-10,159	0,064	0,288
CHR17	847812	CHR17:847812	SSF x Far_LoA	-11,158	0,077	0,277
CHR17	847846	CHR17:847846	SSF x Far_LoA	-10,810	0,003	0,303
CHR17	847880	CHR17:847880	SSF x Far_LoA	-8,888	0,016	0,298
CHR17	848040	CHR17:848040	SSF x Far_LoA	-2,559	0,027	0,294
CHR17	8505301	CHR17:8505301	SSF x Far_LoA	-7,993	-0,027	0,281
CHR17	8516925	CHR17:8516925	SSF x Far_LoA	-7,734	-0,001	0,301
CHR17	8516932	CHR17:8516932	SSF x Far_LoA	-9,296	0,033	0,297
CHR17	8516955	CHR17:8516955	SSF x Far_LoA	-10,169	-0,125	0,290
CHR17	8516987	CHR17:8516987	SSF x Far_LoA	-9,957	0,029	0,301
CHR17	8517105	CHR17:8517105	SSF x Far_LoA	-7,901	-0,137	0,293
CHR17	8517143	CHR17:8517143	SSF x Far_LoA	-6,458	0,009	0,297
CHR17	8517173	CHR17:8517173	SSF x Far_LoA	-9,099	-0,025	0,281
CHR17	8522283	CHR17:8522283	SSF x Far_LoA	-10,390	0,117	0,277
CHR17	8522320	CHR17:8522320	SSF x Far_LoA	-11,107	0,039	0,286
CHR17	8522391	CHR17:8522391	SSF x Far_LoA	-7,791	0,168	0,296
CHR17	8522414	CHR17:8522414	SSF x Far_LoA	-1,978	-0,178	0,288
CHR17	8522490	CHR17:8522490	SSF x Far_LoA	-6,557	-0,182	0,291
CHR17	8525457	CHR17:8525457	SSF x Far_LoA	-10,346	-0,012	0,292
CHR17	8531597	CHR17:8531597	SSF x Far_LoA	-8,600	0,052	0,291
CHR17	8535787	CHR17:8535787	SSF x Far_LoA	-10,047	-0,055	0,287
CHR17	8535791	CHR17:8535791	SSF x Far_LoA	-9,731	0,010	0,290
CHR17	8535829	CHR17:8535829	SSF x Far_LoA	-9,113	-0,067	0,294
CHR17	8535833	CHR17:8535833	SSF x Far_LoA	-8,538	-0,071	0,295
CHR17	8535901	CHR17:8535901	SSF x Far_LoA	-11,219	-0,027	0,295
CHR17	855010	CHR17:855010	SSF x Far_LoA	-8,908	-0,057	0,291
CHR17	855064	CHR17:855064	SSF x Far_LoA	-9,110	-0,017	0,306
CHR17	855167	CHR17:855167	SSF x Far_LoA	-9,749	0,037	0,289
CHR17	855200	CHR17:855200	SSF x Far_LoA	-6,562	-0,075	0,306
CHR17	855299	CHR17:855299	SSF x Far_LoA	-10,802	-0,053	0,291
CHR17	855342	CHR17:855342	SSF x Far_LoA	-8,321	-0,166	0,276
CHR17	855374	CHR17:855374	SSF x Far_LoA	-8,534	-0,083	0,299
CHR17	8559685	CHR17:8559685	SSF x Far_LoA	-8,056	-0,016	0,295
CHR17	8579758	CHR17:8579758	SSF x Far_LoA	-10,894	-0,024	0,282
CHR17	8579812	CHR17:8579812	SSF x Far_LoA	-6,847	-0,182	0,276
CHR17	8579925	CHR17:8579925	SSF x Far_LoA	-7,337	0,070	0,287
CHR17	8579949	CHR17:8579949	SSF x Far_LoA	-6,811	-0,097	0,285
CHR17	8579951	CHR17:8579951	SSF x Far_LoA	-11,251	-0,025	0,283
CHR17	8579961	CHR17:8579961	SSF x Far_LoA	-9,834	0,093	0,295
CHR17	8579982	CHR17:8579982	SSF x Far_LoA	-11,139	-0,006	0,280
CHR17	8580130	CHR17:8580130	SSF x Far_LoA	-9,657	0,041	0,299
CHR17	8580167	CHR17:8580167	SSF x Far_LoA	-7,169	-0,171	0,284
CHR17	8587892	CHR17:8587892	SSF x Far_LoA	-10,938	0,064	0,282
CHR17	8594683	CHR17:8594683	SSF x Far_LoA	-9,053	-0,015	0,294
CHR17	8594706	CHR17:8594706	SSF x Far_LoA	-9,783	-0,030	0,296
CHR17	8594716	CHR17:8594716	SSF x Far_LoA	-9,353	0,012	0,294
CHR17	8594718	CHR17:8594718	SSF x Far_LoA	-9,891	-0,012	0,277
CHR17	8594743	CHR17:8594743	SSF x Far_LoA	-6,964	-0,051	0,307
CHR17	8594823	CHR17:8594823	SSF x Far_LoA	-9,374	-0,092	0,281

CHR17	8594839	CHR17:8594839	SSF x Far_LoA	-8,300	-0,086	0,289
CHR17	8594850	CHR17:8594850	SSF x Far_LoA	-8,963	-0,042	0,299
CHR17	8594856	CHR17:8594856	SSF x Far_LoA	-6,143	-0,126	0,295
CHR17	8598153	CHR17:8598153	SSF x Far_LoA	-9,112	0,060	0,290
CHR17	8600454	CHR17:8600454	SSF x Far_LoA	-10,430	-0,104	0,288
CHR17	8610061	CHR17:8610061	SSF x Far_LoA	-9,797	0,006	0,294
CHR17	8610104	CHR17:8610104	SSF x Far_LoA	-9,932	-0,009	0,286
CHR17	8613011	CHR17:8613011	SSF x Far_LoA	-11,068	-0,117	0,301
CHR17	8614691	CHR17:8614691	SSF x Far_LoA	-7,626	0,031	0,287
CHR17	8614703	CHR17:8614703	SSF x Far_LoA	-1,660	-0,136	0,294
CHR17	8614711	CHR17:8614711	SSF x Far_LoA	-9,149	0,051	0,291
CHR17	8614714	CHR17:8614714	SSF x Far_LoA	-9,210	-0,056	0,280
CHR17	8614732	CHR17:8614732	SSF x Far_LoA	-5,898	-0,089	0,285
CHR17	8614752	CHR17:8614752	SSF x Far_LoA	-8,032	0,042	0,301
CHR17	8614753	CHR17:8614753	SSF x Far_LoA	-9,924	0,015	0,288
CHR17	8614766	CHR17:8614766	SSF x Far_LoA	-9,245	0,019	0,292
CHR17	8614823	CHR17:8614823	SSF x Far_LoA	-6,399	-0,011	0,278
CHR17	8614895	CHR17:8614895	SSF x Far_LoA	-9,095	0,012	0,280
CHR17	8614906	CHR17:8614906	SSF x Far_LoA	-9,649	0,023	0,279
CHR17	8614966	CHR17:8614966	SSF x Far_LoA	6,573	0,149	0,289
CHR17	8620371	CHR17:8620371	SSF x Far_LoA	-8,282	0,116	0,297
CHR17	8620419	CHR17:8620419	SSF x Far_LoA	-9,373	0,085	0,289
CHR17	8620421	CHR17:8620421	SSF x Far_LoA	-9,485	0,058	0,297
CHR17	8620593	CHR17:8620593	SSF x Far_LoA	-12,775	-0,015	0,278
CHR17	8637262	CHR17:8637262	SSF x Far_LoA	-7,964	0,138	0,293
CHR17	8637412	CHR17:8637412	SSF x Far_LoA	-1,545	-0,077	0,270
CHR17	8657014	CHR17:8657014	SSF x Far_LoA	-11,399	0,075	0,284
CHR17	8668456	CHR17:8668456	SSF x Far_LoA	-9,814	-0,073	0,289
CHR17	8668544	CHR17:8668544	SSF x Far_LoA	-4,868	0,151	0,300
CHR17	8668565	CHR17:8668565	SSF x Far_LoA	-7,751	0,183	0,263
CHR17	8668605	CHR17:8668605	SSF x Far_LoA	-2,656	-0,076	0,288
CHR17	8668626	CHR17:8668626	SSF x Far_LoA	-5,930	0,096	0,287
CHR17	8668660	CHR17:8668660	SSF x Far_LoA	-8,593	0,076	0,300
CHR17	8668678	CHR17:8668678	SSF x Far_LoA	-10,978	0,049	0,295
CHR17	8671253	CHR17:8671253	SSF x Far_LoA	-8,158	0,040	0,297
CHR17	8671264	CHR17:8671264	SSF x Far_LoA	-10,093	-0,050	0,289
CHR17	8678916	CHR17:8678916	SSF x Far_LoA	-7,747	-0,031	0,302
CHR17	8679792	CHR17:8679792	SSF x Far_LoA	-10,135	0,025	0,283
CHR17	8679841	CHR17:8679841	SSF x Far_LoA	-11,888	-0,019	0,289
CHR17	8679865	CHR17:8679865	SSF x Far_LoA	-9,985	0,016	0,293
CHR17	8679931	CHR17:8679931	SSF x Far_LoA	-8,560	0,037	0,294
CHR17	8683148	CHR17:8683148	SSF x Far_LoA	-11,451	0,005	0,295
CHR17	8686522	CHR17:8686522	SSF x Far_LoA	-10,298	0,037	0,299
CHR17	8696364	CHR17:8696364	SSF x Far_LoA	-10,311	0,031	0,292
CHR17	8696404	CHR17:8696404	SSF x Far_LoA	-9,525	-0,005	0,289
CHR17	8696456	CHR17:8696456	SSF x Far_LoA	-8,536	0,052	0,303
CHR17	8698605	CHR17:8698605	SSF x Far_LoA	-10,899	0,005	0,286
CHR17	8698610	CHR17:8698610	SSF x Far_LoA	-8,042	-0,121	0,293
CHR17	8698657	CHR17:8698657	SSF x Far_LoA	-5,696	0,203	0,285
CHR17	8698666	CHR17:8698666	SSF x Far_LoA	-8,861	-0,006	0,305
CHR17	8698686	CHR17:8698686	SSF x Far_LoA	0,260	0,198	0,278
CHR17	8698704	CHR17:8698704	SSF x Far_LoA	-2,995	0,132	0,291
CHR17	8712462	CHR17:8712462	SSF x Far_LoA	-9,536	-0,033	0,294

CHR17	8714043	CHR17:8714043	SSF x Far_LoA	-9,570	-0,007	0,293
CHR17	8714083	CHR17:8714083	SSF x Far_LoA	-8,473	0,023	0,291
CHR17	8714190	CHR17:8714190	SSF x Far_LoA	-8,407	0,043	0,293
CHR17	8714295	CHR17:8714295	SSF x Far_LoA	0,423	-0,013	0,282
CHR17	8728670	CHR17:8728670	SSF x Far_LoA	-11,372	0,003	0,284
CHR17	8730455	CHR17:8730455	SSF x Far_LoA	-11,191	-0,079	0,293
CHR17	8741083	CHR17:8741083	SSF x Far_LoA	-7,933	0,088	0,296
CHR17	8741194	CHR17:8741194	SSF x Far_LoA	-9,617	0,166	0,292
CHR17	8741197	CHR17:8741197	SSF x Far_LoA	-8,459	0,071	0,281
CHR17	8761724	CHR17:8761724	SSF x Far_LoA	-8,384	-0,085	0,282
CHR17	8770320	CHR17:8770320	SSF x Far_LoA	-8,188	0,014	0,307
CHR17	8773152	CHR17:8773152	SSF x Far_LoA	-2,534	0,190	0,276
CHR17	8781661	CHR17:8781661	SSF x Far_LoA	-10,975	-0,009	0,284
CHR17	8794105	CHR17:8794105	SSF x Far_LoA	-8,473	-0,121	0,304
CHR17	8794226	CHR17:8794226	SSF x Far_LoA	-10,562	0,004	0,276
CHR17	8794292	CHR17:8794292	SSF x Far_LoA	-10,990	-0,043	0,293
CHR17	8801395	CHR17:8801395	SSF x Far_LoA	-8,793	0,107	0,297
CHR17	8801398	CHR17:8801398	SSF x Far_LoA	-10,299	0,105	0,295
CHR17	8801448	CHR17:8801448	SSF x Far_LoA	-8,603	0,094	0,297
CHR17	8801449	CHR17:8801449	SSF x Far_LoA	-6,767	0,124	0,299
CHR17	8803453	CHR17:8803453	SSF x Far_LoA	-8,691	0,041	0,292
CHR17	8804980	CHR17:8804980	SSF x Far_LoA	-6,963	-0,014	0,290
CHR17	8805004	CHR17:8805004	SSF x Far_LoA	-10,837	-0,005	0,272
CHR17	8805011	CHR17:8805011	SSF x Far_LoA	-9,161	-0,003	0,286
CHR17	8805014	CHR17:8805014	SSF x Far_LoA	-6,917	0,008	0,303
CHR17	8805019	CHR17:8805019	SSF x Far_LoA	-9,310	-0,042	0,294
CHR17	8805066	CHR17:8805066	SSF x Far_LoA	-9,513	-0,037	0,278
CHR17	8809929	CHR17:8809929	SSF x Far_LoA	-10,203	-0,046	0,290
CHR17	8813368	CHR17:8813368	SSF x Far_LoA	-8,701	-0,031	0,276
CHR17	8813396	CHR17:8813396	SSF x Far_LoA	-10,375	-0,038	0,270
CHR17	8813549	CHR17:8813549	SSF x Far_LoA	-9,391	-0,071	0,277
CHR17	8819586	CHR17:8819586	SSF x Far_LoA	-8,658	-0,102	0,287
CHR17	8829265	CHR17:8829265	SSF x Far_LoA	-5,524	0,230	0,274
CHR17	8833605	CHR17:8833605	SSF x Far_LoA	-12,675	-0,025	0,281
CHR17	8834820	CHR17:8834820	SSF x Far_LoA	-4,496	-0,140	0,303
CHR17	8834822	CHR17:8834822	SSF x Far_LoA	-4,931	-0,006	0,287
CHR17	8834856	CHR17:8834856	SSF x Far_LoA	-10,564	-0,008	0,284
CHR17	8834880	CHR17:8834880	SSF x Far_LoA	-2,668	0,181	0,294
CHR17	8834959	CHR17:8834959	SSF x Far_LoA	-8,299	0,058	0,297
CHR17	8834960	CHR17:8834960	SSF x Far_LoA	-3,633	0,037	0,275
CHR17	8834984	CHR17:8834984	SSF x Far_LoA	-10,211	-0,051	0,292
CHR17	8835045	CHR17:8835045	SSF x Far_LoA	-9,733	0,013	0,284
CHR17	8835066	CHR17:8835066	SSF x Far_LoA	-9,356	0,051	0,288
CHR17	8843108	CHR17:8843108	SSF x Far_LoA	-8,023	-0,092	0,294
CHR17	8843153	CHR17:8843153	SSF x Far_LoA	-9,671	-0,069	0,294
CHR17	8848763	CHR17:8848763	SSF x Far_LoA	-10,133	0,018	0,279
CHR17	8848772	CHR17:8848772	SSF x Far_LoA	-10,565	0,019	0,299
CHR17	8848963	CHR17:8848963	SSF x Far_LoA	-10,594	-0,054	0,295
CHR17	8849059	CHR17:8849059	SSF x Far_LoA	-10,881	-0,066	0,279
CHR17	8861250	CHR17:8861250	SSF x Far_LoA	-10,366	-0,065	0,291
CHR17	8872773	CHR17:8872773	SSF x Far_LoA	3,767	-0,189	0,275
CHR17	8872821	CHR17:8872821	SSF x Far_LoA	-12,078	0,014	0,281
CHR17	8872841	CHR17:8872841	SSF x Far_LoA	-10,217	0,001	0,293

CHR17	8872888	CHR17:8872888	SSF x Far_LoA	-9,182	-0,082	0,292
CHR17	8876902	CHR17:8876902	SSF x Far_LoA	-7,539	0,196	0,278
CHR17	8876931	CHR17:8876931	SSF x Far_LoA	-8,880	-0,021	0,285
CHR17	8876988	CHR17:8876988	SSF x Far_LoA	-8,802	0,174	0,283
CHR17	8876993	CHR17:8876993	SSF x Far_LoA	-10,153	-0,070	0,286
CHR17	888912	CHR17:888912	SSF x Far_LoA	-3,501	-0,183	0,264
CHR17	888919	CHR17:888919	SSF x Far_LoA	-5,480	-0,180	0,274
CHR17	888928	CHR17:888928	SSF x Far_LoA	-7,909	-0,149	0,280
CHR17	889000	CHR17:889000	SSF x Far_LoA	-11,342	0,012	0,296
CHR17	889017	CHR17:889017	SSF x Far_LoA	-9,100	-0,093	0,263
CHR17	889018	CHR17:889018	SSF x Far_LoA	-7,821	-0,132	0,272
CHR17	889019	CHR17:889019	SSF x Far_LoA	-6,743	-0,117	0,276
CHR17	889066	CHR17:889066	SSF x Far_LoA	-10,235	-0,081	0,279
CHR17	889089	CHR17:889089	SSF x Far_LoA	-9,292	-0,121	0,286
CHR17	8893780	CHR17:8893780	SSF x Far_LoA	-8,473	-0,136	0,297
CHR17	8893850	CHR17:8893850	SSF x Far_LoA	-10,602	-0,070	0,286
CHR17	8893863	CHR17:8893863	SSF x Far_LoA	-8,412	-0,109	0,305
CHR17	8893881	CHR17:8893881	SSF x Far_LoA	-5,145	-0,196	0,285
CHR17	8893882	CHR17:8893882	SSF x Far_LoA	-7,628	-0,136	0,288
CHR17	8893884	CHR17:8893884	SSF x Far_LoA	-7,344	-0,175	0,286
CHR17	8893943	CHR17:8893943	SSF x Far_LoA	-3,659	-0,176	0,299
CHR17	8894013	CHR17:8894013	SSF x Far_LoA	-8,256	-0,116	0,292
CHR17	8896653	CHR17:8896653	SSF x Far_LoA	-10,036	0,017	0,290
CHR17	8896722	CHR17:8896722	SSF x Far_LoA	-9,983	-0,203	0,281
CHR17	8896864	CHR17:8896864	SSF x Far_LoA	-5,812	-0,153	0,283
CHR17	8902379	CHR17:8902379	SSF x Far_LoA	-8,527	0,019	0,287
CHR17	8902462	CHR17:8902462	SSF x Far_LoA	-11,256	-0,027	0,288
CHR17	8902509	CHR17:8902509	SSF x Far_LoA	-6,176	0,125	0,297
CHR17	8902577	CHR17:8902577	SSF x Far_LoA	-11,175	0,050	0,286
CHR17	8906409	CHR17:8906409	SSF x Far_LoA	-6,682	-0,048	0,292
CHR17	8906450	CHR17:8906450	SSF x Far_LoA	-8,644	0,071	0,288
CHR17	8906765	CHR17:8906765	SSF x Far_LoA	-7,512	0,122	0,290
CHR17	8906766	CHR17:8906766	SSF x Far_LoA	-5,648	-0,024	0,302
CHR17	8914699	CHR17:8914699	SSF x Far_LoA	-9,014	-0,152	0,281
CHR17	8916317	CHR17:8916317	SSF x Far_LoA	-11,112	-0,110	0,286
CHR17	8922242	CHR17:8922242	SSF x Far_LoA	-9,888	0,010	0,267
CHR17	8922263	CHR17:8922263	SSF x Far_LoA	-7,030	0,003	0,289
CHR17	8922309	CHR17:8922309	SSF x Far_LoA	-10,015	0,081	0,285
CHR17	8922337	CHR17:8922337	SSF x Far_LoA	-6,028	0,012	0,306
CHR17	8922343	CHR17:8922343	SSF x Far_LoA	-12,031	0,002	0,280
CHR17	8922422	CHR17:8922422	SSF x Far_LoA	-10,509	-0,043	0,276
CHR17	8930075	CHR17:8930075	SSF x Far_LoA	-8,101	-0,081	0,299
CHR17	8930105	CHR17:8930105	SSF x Far_LoA	-9,616	0,053	0,306
CHR17	893013	CHR17:893013	SSF x Far_LoA	-4,670	0,139	0,287
CHR17	8930139	CHR17:8930139	SSF x Far_LoA	-11,013	0,007	0,286
CHR17	8930260	CHR17:8930260	SSF x Far_LoA	-8,070	0,018	0,295
CHR17	893029	CHR17:893029	SSF x Far_LoA	-10,470	0,004	0,288
CHR17	8930323	CHR17:8930323	SSF x Far_LoA	-9,605	-0,022	0,296
CHR17	893049	CHR17:893049	SSF x Far_LoA	-6,381	-0,066	0,278
CHR17	893074	CHR17:893074	SSF x Far_LoA	-11,299	-0,092	0,275
CHR17	893075	CHR17:893075	SSF x Far_LoA	-8,411	0,085	0,285
CHR17	893084	CHR17:893084	SSF x Far_LoA	-10,758	0,014	0,296
CHR17	8937647	CHR17:8937647	SSF x Far_LoA	-10,510	0,026	0,294

CHR17	8937710	CHR17:8937710	SSF x Far_LoA	-5,135	-0,087	0,290
CHR17	8937744	CHR17:8937744	SSF x Far_LoA	-11,061	-0,032	0,305
CHR17	8938822	CHR17:8938822	SSF x Far_LoA	-9,699	0,057	0,303
CHR17	8938846	CHR17:8938846	SSF x Far_LoA	-10,016	0,019	0,292
CHR17	8938993	CHR17:8938993	SSF x Far_LoA	-9,434	0,020	0,289
CHR17	8938994	CHR17:8938994	SSF x Far_LoA	-11,551	0,000	0,303
CHR17	8940143	CHR17:8940143	SSF x Far_LoA	-9,618	-0,021	0,291
CHR17	8940372	CHR17:8940372	SSF x Far_LoA	-11,596	0,033	0,284
CHR17	8943517	CHR17:8943517	SSF x Far_LoA	-7,175	0,060	0,283
CHR17	8948048	CHR17:8948048	SSF x Far_LoA	-10,682	-0,089	0,287
CHR17	8948071	CHR17:8948071	SSF x Far_LoA	-8,748	0,028	0,303
CHR17	8948194	CHR17:8948194	SSF x Far_LoA	-10,234	0,083	0,285
CHR17	8953043	CHR17:8953043	SSF x Far_LoA	-7,936	-0,184	0,288
CHR17	8955195	CHR17:8955195	SSF x Far_LoA	-8,546	-0,058	0,290
CHR17	8970972	CHR17:8970972	SSF x Far_LoA	-10,923	-0,003	0,289
CHR17	8971033	CHR17:8971033	SSF x Far_LoA	-9,989	0,080	0,281
CHR17	8971274	CHR17:8971274	SSF x Far_LoA	-8,069	0,024	0,308
CHR17	899388	CHR17:899388	SSF x Far_LoA	-7,721	-0,028	0,296
CHR17	899435	CHR17:899435	SSF x Far_LoA	-7,720	-0,125	0,286
CHR17	899449	CHR17:899449	SSF x Far_LoA	-8,752	-0,027	0,287
CHR17	899576	CHR17:899576	SSF x Far_LoA	-8,072	-0,066	0,308
CHR17	9000002	CHR17:9000002	SSF x Far_LoA	-9,198	0,019	0,306
CHR17	9000019	CHR17:9000019	SSF x Far_LoA	-2,720	-0,172	0,287
CHR17	9000131	CHR17:9000131	SSF x Far_LoA	-9,965	0,040	0,296
CHR17	9000164	CHR17:9000164	SSF x Far_LoA	-10,486	-0,024	0,310
CHR17	9000227	CHR17:9000227	SSF x Far_LoA	-10,475	0,021	0,301
CHR17	9000245	CHR17:9000245	SSF x Far_LoA	-10,402	-0,160	0,283
CHR17	9000252	CHR17:9000252	SSF x Far_LoA	-11,557	0,011	0,286
CHR17	9000308	CHR17:9000308	SSF x Far_LoA	-11,535	0,012	0,287
CHR17	9002237	CHR17:9002237	SSF x Far_LoA	-10,820	-0,004	0,289
CHR17	9002266	CHR17:9002266	SSF x Far_LoA	-5,463	0,077	0,272
CHR17	9003904	CHR17:9003904	SSF x Far_LoA	-8,425	0,021	0,300
CHR17	9004042	CHR17:9004042	SSF x Far_LoA	-5,520	0,195	0,291
CHR17	9004123	CHR17:9004123	SSF x Far_LoA	-5,155	-0,064	0,278
CHR17	9004126	CHR17:9004126	SSF x Far_LoA	-0,947	-0,090	0,301
CHR17	9007883	CHR17:9007883	SSF x Far_LoA	-8,543	-0,038	0,291
CHR17	9007904	CHR17:9007904	SSF x Far_LoA	-9,828	-0,048	0,291
CHR17	9007917	CHR17:9007917	SSF x Far_LoA	-9,182	-0,031	0,297
CHR17	9008034	CHR17:9008034	SSF x Far_LoA	-5,998	0,129	0,290
CHR17	9008096	CHR17:9008096	SSF x Far_LoA	-8,100	-0,084	0,304
CHR17	9013521	CHR17:9013521	SSF x Far_LoA	-1,489	0,175	0,294
CHR17	9013556	CHR17:9013556	SSF x Far_LoA	-8,857	-0,114	0,295
CHR17	9017855	CHR17:9017855	SSF x Far_LoA	-10,655	-0,054	0,290
CHR17	9017884	CHR17:9017884	SSF x Far_LoA	-9,025	0,043	0,301
CHR17	9018034	CHR17:9018034	SSF x Far_LoA	-11,246	-0,015	0,283
CHR17	9018074	CHR17:9018074	SSF x Far_LoA	-10,724	0,063	0,288
CHR17	9021882	CHR17:9021882	SSF x Far_LoA	-9,590	-0,004	0,295
CHR17	9021919	CHR17:9021919	SSF x Far_LoA	-9,722	-0,002	0,293
CHR17	9021945	CHR17:9021945	SSF x Far_LoA	-6,778	0,005	0,306
CHR17	9021990	CHR17:9021990	SSF x Far_LoA	-9,977	-0,029	0,291
CHR17	9022004	CHR17:9022004	SSF x Far_LoA	-8,401	0,010	0,300
CHR17	9022032	CHR17:9022032	SSF x Far_LoA	-6,940	-0,018	0,296
CHR17	9022109	CHR17:9022109	SSF x Far_LoA	-8,902	-0,043	0,297

CHR17	9036570	CHR17:9036570	SSF x Far_LoA	-7,869	-0,106	0,298
CHR17	904517	CHR17:904517	SSF x Far_LoA	-10,175	-0,051	0,292
CHR17	904530	CHR17:904530	SSF x Far_LoA	-12,220	0,011	0,289
CHR17	904531	CHR17:904531	SSF x Far_LoA	-8,582	-0,059	0,303
CHR17	904534	CHR17:904534	SSF x Far_LoA	-8,833	-0,073	0,300
CHR17	904547	CHR17:904547	SSF x Far_LoA	-8,232	0,082	0,288
CHR17	904566	CHR17:904566	SSF x Far_LoA	-11,099	-0,027	0,289
CHR17	9050658	CHR17:9050658	SSF x Far_LoA	-9,779	0,020	0,299
CHR17	9050839	CHR17:9050839	SSF x Far_LoA	-10,710	0,006	0,277
CHR17	9057443	CHR17:9057443	SSF x Far_LoA	-11,240	-0,057	0,294
CHR17	9058975	CHR17:9058975	SSF x Far_LoA	-8,495	0,049	0,281
CHR17	9068891	CHR17:9068891	SSF x Far_LoA	-11,099	-0,041	0,292
CHR17	9098088	CHR17:9098088	SSF x Far_LoA	-8,490	0,008	0,298
CHR17	9098117	CHR17:9098117	SSF x Far_LoA	-8,097	-0,135	0,267
CHR17	9098210	CHR17:9098210	SSF x Far_LoA	-11,611	0,025	0,281
CHR17	9101408	CHR17:9101408	SSF x Far_LoA	-10,782	0,088	0,293
CHR17	9101448	CHR17:9101448	SSF x Far_LoA	-10,272	0,088	0,293
CHR17	9101469	CHR17:9101469	SSF x Far_LoA	-9,399	0,035	0,295
CHR17	9101481	CHR17:9101481	SSF x Far_LoA	-1,255	-0,197	0,281
CHR17	9101624	CHR17:9101624	SSF x Far_LoA	-11,099	0,006	0,283
CHR17	9107163	CHR17:9107163	SSF x Far_LoA	-7,925	-0,041	0,300
CHR17	9107167	CHR17:9107167	SSF x Far_LoA	-8,840	-0,039	0,296
CHR17	9117704	CHR17:9117704	SSF x Far_LoA	-5,895	-0,225	0,275
CHR17	911771	CHR17:911771	SSF x Far_LoA	-7,605	-0,037	0,315
CHR17	9117765	CHR17:9117765	SSF x Far_LoA	-1,774	-0,234	0,271
CHR17	9117779	CHR17:9117779	SSF x Far_LoA	-2,643	-0,229	0,282
CHR17	9117783	CHR17:9117783	SSF x Far_LoA	-5,763	-0,190	0,283
CHR17	911836	CHR17:911836	SSF x Far_LoA	-10,541	0,057	0,290
CHR17	911908	CHR17:911908	SSF x Far_LoA	-10,229	0,130	0,287
CHR17	911933	CHR17:911933	SSF x Far_LoA	-7,293	0,018	0,280
CHR17	9122355	CHR17:9122355	SSF x Far_LoA	-10,732	0,020	0,306
CHR17	9131035	CHR17:9131035	SSF x Far_LoA	-8,589	-0,060	0,273
CHR17	9133575	CHR17:9133575	SSF x Far_LoA	-10,690	-0,071	0,285
CHR17	9135592	CHR17:9135592	SSF x Far_LoA	-8,532	0,010	0,300
CHR17	9135611	CHR17:9135611	SSF x Far_LoA	-11,043	0,011	0,296
CHR17	9136783	CHR17:9136783	SSF x Far_LoA	3,892	0,116	0,288
CHR17	9136819	CHR17:9136819	SSF x Far_LoA	-9,890	0,029	0,284
CHR17	9140109	CHR17:9140109	SSF x Far_LoA	-9,700	0,049	0,285
CHR17	9140112	CHR17:9140112	SSF x Far_LoA	-9,367	0,060	0,302
CHR17	9145006	CHR17:9145006	SSF x Far_LoA	-11,053	0,023	0,292
CHR17	9145015	CHR17:9145015	SSF x Far_LoA	-9,567	-0,136	0,293
CHR17	9145093	CHR17:9145093	SSF x Far_LoA	-7,428	-0,040	0,295
CHR17	9151297	CHR17:9151297	SSF x Far_LoA	-8,862	0,071	0,302
CHR17	9151542	CHR17:9151542	SSF x Far_LoA	-4,274	0,079	0,299
CHR17	9156780	CHR17:9156780	SSF x Far_LoA	-9,163	-0,034	0,285
CHR17	9156798	CHR17:9156798	SSF x Far_LoA	-7,585	0,013	0,277
CHR17	9169117	CHR17:9169117	SSF x Far_LoA	-8,746	-0,122	0,294
CHR17	9169122	CHR17:9169122	SSF x Far_LoA	-9,451	-0,131	0,289
CHR17	9169128	CHR17:9169128	SSF x Far_LoA	-3,573	-0,117	0,300
CHR17	9169129	CHR17:9169129	SSF x Far_LoA	-10,943	-0,033	0,286
CHR17	9169162	CHR17:9169162	SSF x Far_LoA	-8,555	-0,140	0,288
CHR17	9169190	CHR17:9169190	SSF x Far_LoA	-10,009	-0,032	0,284
CHR17	9169229	CHR17:9169229	SSF x Far_LoA	-9,096	0,008	0,288

CHR17	9170504	CHR17:9170504	SSF x Far_LoA	-9,064	0,036	0,306
CHR17	9171695	CHR17:9171695	SSF x Far_LoA	-9,090	0,092	0,294
CHR17	9171721	CHR17:9171721	SSF x Far_LoA	-9,492	0,104	0,294
CHR17	9171772	CHR17:9171772	SSF x Far_LoA	-4,986	-0,145	0,271
CHR17	9171773	CHR17:9171773	SSF x Far_LoA	-8,758	0,114	0,287
CHR17	9171774	CHR17:9171774	SSF x Far_LoA	-7,692	0,116	0,296
CHR17	9171821	CHR17:9171821	SSF x Far_LoA	-8,395	-0,099	0,268
CHR17	9171867	CHR17:9171867	SSF x Far_LoA	-9,953	-0,105	0,277
CHR17	9216067	CHR17:9216067	SSF x Far_LoA	-10,644	0,005	0,292
CHR17	9232456	CHR17:9232456	SSF x Far_LoA	-8,836	-0,061	0,286
CHR17	9232580	CHR17:9232580	SSF x Far_LoA	-11,280	-0,054	0,282
CHR17	9233142	CHR17:9233142	SSF x Far_LoA	-11,332	0,097	0,292
CHR17	9233855	CHR17:9233855	SSF x Far_LoA	-6,180	0,117	0,301
CHR17	9233859	CHR17:9233859	SSF x Far_LoA	-8,288	0,109	0,292
CHR17	9234789	CHR17:9234789	SSF x Far_LoA	-9,177	0,117	0,285
CHR17	9234795	CHR17:9234795	SSF x Far_LoA	-11,465	-0,032	0,301
CHR17	9234799	CHR17:9234799	SSF x Far_LoA	-7,000	0,049	0,290
CHR17	9234832	CHR17:9234832	SSF x Far_LoA	-12,132	-0,044	0,283
CHR17	9234842	CHR17:9234842	SSF x Far_LoA	-10,840	-0,039	0,304
CHR17	9235869	CHR17:9235869	SSF x Far_LoA	-11,316	0,040	0,291
CHR17	9245691	CHR17:9245691	SSF x Far_LoA	-8,215	0,204	0,268
CHR17	9246672	CHR17:9246672	SSF x Far_LoA	-8,001	0,042	0,290
CHR17	9246706	CHR17:9246706	SSF x Far_LoA	-11,305	-0,045	0,285
CHR17	9252460	CHR17:9252460	SSF x Far_LoA	-11,140	0,014	0,284
CHR17	9252467	CHR17:9252467	SSF x Far_LoA	-9,933	0,037	0,293
CHR17	9252494	CHR17:9252494	SSF x Far_LoA	-11,349	0,015	0,290
CHR17	925311	CHR17:925311	SSF x Far_LoA	-7,928	-0,111	0,299
CHR17	9256838	CHR17:9256838	SSF x Far_LoA	-6,159	-0,146	0,279
CHR17	9260669	CHR17:9260669	SSF x Far_LoA	-9,108	-0,014	0,291
CHR17	9260696	CHR17:9260696	SSF x Far_LoA	-6,349	-0,135	0,278
CHR17	9260715	CHR17:9260715	SSF x Far_LoA	-10,370	-0,035	0,293
CHR17	9268172	CHR17:9268172	SSF x Far_LoA	-6,673	0,136	0,283
CHR17	9268176	CHR17:9268176	SSF x Far_LoA	-6,520	-0,062	0,289
CHR17	9268228	CHR17:9268228	SSF x Far_LoA	-7,857	0,067	0,275
CHR17	9268247	CHR17:9268247	SSF x Far_LoA	-8,962	0,101	0,282
CHR17	9268270	CHR17:9268270	SSF x Far_LoA	-5,566	0,066	0,290
CHR17	9268347	CHR17:9268347	SSF x Far_LoA	-11,266	0,018	0,283
CHR17	9268381	CHR17:9268381	SSF x Far_LoA	-7,702	-0,053	0,309
CHR17	9268406	CHR17:9268406	SSF x Far_LoA	-11,023	0,023	0,285
CHR17	9284669	CHR17:9284669	SSF x Far_LoA	-8,678	0,079	0,290
CHR17	9284750	CHR17:9284750	SSF x Far_LoA	-8,267	-0,052	0,288
CHR17	9290795	CHR17:9290795	SSF x Far_LoA	-9,281	0,000	0,294
CHR17	9297443	CHR17:9297443	SSF x Far_LoA	-9,833	-0,010	0,291
CHR17	9297510	CHR17:9297510	SSF x Far_LoA	-7,317	-0,109	0,286
CHR17	9297680	CHR17:9297680	SSF x Far_LoA	-9,214	0,045	0,297
CHR17	9312225	CHR17:9312225	SSF x Far_LoA	-9,884	-0,061	0,273
CHR17	9312306	CHR17:9312306	SSF x Far_LoA	-9,845	0,108	0,291
CHR17	9314547	CHR17:9314547	SSF x Far_LoA	-0,882	-0,025	0,294
CHR17	9314610	CHR17:9314610	SSF x Far_LoA	-8,121	-0,067	0,290
CHR17	9314628	CHR17:9314628	SSF x Far_LoA	-9,544	-0,063	0,293
CHR17	9314755	CHR17:9314755	SSF x Far_LoA	-10,369	-0,088	0,284
CHR17	9330645	CHR17:9330645	SSF x Far_LoA	-8,800	-0,011	0,294
CHR17	933866	CHR17:933866	SSF x Far_LoA	-9,042	-0,017	0,287

CHR17	933876	CHR17:933876	SSF x Far_LoA	-8,003	-0,100	0,286
CHR17	933877	CHR17:933877	SSF x Far_LoA	-9,164	0,025	0,302
CHR17	9338801	CHR17:9338801	SSF x Far_LoA	-10,134	-0,041	0,289
CHR17	933882	CHR17:933882	SSF x Far_LoA	-6,709	0,017	0,291
CHR17	9338886	CHR17:9338886	SSF x Far_LoA	-8,864	-0,010	0,284
CHR17	9338907	CHR17:9338907	SSF x Far_LoA	-10,757	0,004	0,299
CHR17	933894	CHR17:933894	SSF x Far_LoA	-8,291	-0,079	0,293
CHR17	933904	CHR17:933904	SSF x Far_LoA	-10,885	0,077	0,289
CHR17	933932	CHR17:933932	SSF x Far_LoA	-9,098	-0,042	0,302
CHR17	933934	CHR17:933934	SSF x Far_LoA	-10,018	0,002	0,294
CHR17	933948	CHR17:933948	SSF x Far_LoA	-9,540	0,097	0,281
CHR17	933968	CHR17:933968	SSF x Far_LoA	-9,761	0,056	0,285
CHR17	933970	CHR17:933970	SSF x Far_LoA	-9,222	-0,070	0,280
CHR17	933974	CHR17:933974	SSF x Far_LoA	-8,089	0,019	0,298
CHR17	933994	CHR17:933994	SSF x Far_LoA	-9,975	0,020	0,290
CHR17	934014	CHR17:934014	SSF x Far_LoA	-10,616	-0,029	0,290
CHR17	934078	CHR17:934078	SSF x Far_LoA	-8,880	-0,034	0,300
CHR17	9343406	CHR17:9343406	SSF x Far_LoA	-10,851	-0,082	0,293
CHR17	9343571	CHR17:9343571	SSF x Far_LoA	-10,979	0,122	0,282
CHR17	9343626	CHR17:9343626	SSF x Far_LoA	-0,453	0,191	0,290
CHR17	9343651	CHR17:9343651	SSF x Far_LoA	-6,305	-0,070	0,296
CHR17	9343656	CHR17:9343656	SSF x Far_LoA	-5,555	0,024	0,280
CHR17	9343669	CHR17:9343669	SSF x Far_LoA	-7,070	0,175	0,287
CHR17	9351665	CHR17:9351665	SSF x Far_LoA	-9,751	0,051	0,281
CHR17	9351752	CHR17:9351752	SSF x Far_LoA	-7,133	0,113	0,277
CHR17	9351839	CHR17:9351839	SSF x Far_LoA	-9,934	0,144	0,288
CHR17	9356264	CHR17:9356264	SSF x Far_LoA	-11,969	0,043	0,286
CHR17	9365234	CHR17:9365234	SSF x Far_LoA	-7,402	0,062	0,288
CHR17	936546	CHR17:936546	SSF x Far_LoA	-8,552	0,030	0,294
CHR17	936581	CHR17:936581	SSF x Far_LoA	-10,143	0,092	0,273
CHR17	936637	CHR17:936637	SSF x Far_LoA	-10,805	0,017	0,291
CHR17	936691	CHR17:936691	SSF x Far_LoA	-5,990	0,008	0,300
CHR17	936752	CHR17:936752	SSF x Far_LoA	-9,146	-0,053	0,295
CHR17	9368207	CHR17:9368207	SSF x Far_LoA	-8,414	-0,135	0,291
CHR17	9386319	CHR17:9386319	SSF x Far_LoA	-9,572	-0,086	0,293
CHR17	9386373	CHR17:9386373	SSF x Far_LoA	-7,319	-0,088	0,291
CHR17	9386386	CHR17:9386386	SSF x Far_LoA	-7,963	-0,051	0,275
CHR17	9386437	CHR17:9386437	SSF x Far_LoA	-10,682	-0,039	0,293
CHR17	9386450	CHR17:9386450	SSF x Far_LoA	-8,946	0,074	0,296
CHR17	9386451	CHR17:9386451	SSF x Far_LoA	-6,974	0,122	0,305
CHR17	9386480	CHR17:9386480	SSF x Far_LoA	-10,985	0,070	0,290
CHR17	9386503	CHR17:9386503	SSF x Far_LoA	-8,462	-0,035	0,301
CHR17	9391921	CHR17:9391921	SSF x Far_LoA	-5,928	-0,052	0,294
CHR17	9392129	CHR17:9392129	SSF x Far_LoA	-9,260	0,039	0,295
CHR17	9392135	CHR17:9392135	SSF x Far_LoA	-9,990	-0,061	0,291
CHR17	9392155	CHR17:9392155	SSF x Far_LoA	-9,519	0,008	0,287
CHR17	9402047	CHR17:9402047	SSF x Far_LoA	-10,485	-0,065	0,289
CHR17	9410981	CHR17:9410981	SSF x Far_LoA	-11,739	0,020	0,291
CHR17	9410988	CHR17:9410988	SSF x Far_LoA	-9,800	0,084	0,288
CHR17	9411221	CHR17:9411221	SSF x Far_LoA	-7,434	-0,109	0,301
CHR17	942443	CHR17:942443	SSF x Far_LoA	-8,994	0,079	0,296
CHR17	9426386	CHR17:9426386	SSF x Far_LoA	-10,057	0,032	0,307
CHR17	9426476	CHR17:9426476	SSF x Far_LoA	-7,972	-0,069	0,290

CHR17	9426479	CHR17:9426479	SSF x Far_LoA	-8,084	0,018	0,284
CHR17	942677	CHR17:942677	SSF x Far_LoA	-9,387	0,095	0,301
CHR17	9427743	CHR17:9427743	SSF x Far_LoA	-8,974	0,000	0,294
CHR17	9427772	CHR17:9427772	SSF x Far_LoA	-10,112	0,040	0,289
CHR17	9432933	CHR17:9432933	SSF x Far_LoA	-7,333	0,073	0,295
CHR17	9432939	CHR17:9432939	SSF x Far_LoA	-8,378	0,053	0,299
CHR17	9433058	CHR17:9433058	SSF x Far_LoA	-5,900	0,061	0,301
CHR17	9433133	CHR17:9433133	SSF x Far_LoA	-9,960	-0,119	0,284
CHR17	9433151	CHR17:9433151	SSF x Far_LoA	-10,856	-0,086	0,305
CHR17	9433194	CHR17:9433194	SSF x Far_LoA	-9,327	0,034	0,289
CHR17	9433210	CHR17:9433210	SSF x Far_LoA	-5,925	-0,163	0,301
CHR17	9438682	CHR17:9438682	SSF x Far_LoA	-9,704	-0,017	0,292
CHR17	9438774	CHR17:9438774	SSF x Far_LoA	-10,091	0,040	0,290
CHR17	9438826	CHR17:9438826	SSF x Far_LoA	-8,935	-0,019	0,293
CHR17	9438861	CHR17:9438861	SSF x Far_LoA	-4,551	0,039	0,313
CHR17	9452783	CHR17:9452783	SSF x Far_LoA	-10,152	0,103	0,284
CHR17	9452840	CHR17:9452840	SSF x Far_LoA	-6,935	0,162	0,283
CHR17	9452888	CHR17:9452888	SSF x Far_LoA	-10,139	-0,024	0,286
CHR17	9452908	CHR17:9452908	SSF x Far_LoA	-4,876	0,150	0,277
CHR17	9454535	CHR17:9454535	SSF x Far_LoA	-9,875	0,026	0,297
CHR17	9454640	CHR17:9454640	SSF x Far_LoA	-6,698	-0,090	0,285
CHR17	9454672	CHR17:9454672	SSF x Far_LoA	-8,854	0,055	0,275
CHR17	9454766	CHR17:9454766	SSF x Far_LoA	-10,236	0,056	0,286
CHR17	9454791	CHR17:9454791	SSF x Far_LoA	-10,636	0,019	0,274
CHR17	9465205	CHR17:9465205	SSF x Far_LoA	-6,092	0,111	0,297
CHR17	9470747	CHR17:9470747	SSF x Far_LoA	-9,805	-0,136	0,291
CHR17	9470785	CHR17:9470785	SSF x Far_LoA	-5,510	0,111	0,277
CHR17	9470786	CHR17:9470786	SSF x Far_LoA	-9,711	-0,139	0,288
CHR17	9470788	CHR17:9470788	SSF x Far_LoA	-11,101	0,078	0,286
CHR17	9470813	CHR17:9470813	SSF x Far_LoA	-7,999	-0,076	0,301
CHR17	9470826	CHR17:9470826	SSF x Far_LoA	-8,948	-0,110	0,295
CHR17	9470830	CHR17:9470830	SSF x Far_LoA	-8,937	0,010	0,268
CHR17	9470842	CHR17:9470842	SSF x Far_LoA	-9,195	0,029	0,284
CHR17	9470860	CHR17:9470860	SSF x Far_LoA	-10,537	0,071	0,289
CHR17	9470896	CHR17:9470896	SSF x Far_LoA	-8,843	-0,054	0,273
CHR17	9470906	CHR17:9470906	SSF x Far_LoA	-10,818	0,020	0,293
CHR17	9470907	CHR17:9470907	SSF x Far_LoA	-7,490	-0,081	0,291
CHR17	9470916	CHR17:9470916	SSF x Far_LoA	-6,172	-0,163	0,282
CHR17	9470932	CHR17:9470932	SSF x Far_LoA	-8,078	-0,141	0,287
CHR17	9471014	CHR17:9471014	SSF x Far_LoA	-7,042	-0,073	0,301
CHR17	9471031	CHR17:9471031	SSF x Far_LoA	-10,710	-0,062	0,282
CHR17	9471095	CHR17:9471095	SSF x Far_LoA	-1,669	-0,023	0,295
CHR17	9487543	CHR17:9487543	SSF x Far_LoA	-6,377	-0,055	0,308
CHR17	9487600	CHR17:9487600	SSF x Far_LoA	-9,604	-0,063	0,297
CHR17	9487611	CHR17:9487611	SSF x Far_LoA	-6,939	0,098	0,298
CHR17	9487619	CHR17:9487619	SSF x Far_LoA	-8,227	0,093	0,285
CHR17	9487620	CHR17:9487620	SSF x Far_LoA	-9,136	-0,008	0,289
CHR17	9487707	CHR17:9487707	SSF x Far_LoA	-8,505	-0,026	0,288
CHR17	9488673	CHR17:9488673	SSF x Far_LoA	-8,920	-0,054	0,288
CHR17	9488936	CHR17:9488936	SSF x Far_LoA	-9,008	-0,065	0,290
CHR17	9488959	CHR17:9488959	SSF x Far_LoA	-9,907	0,021	0,291
CHR17	9488976	CHR17:9488976	SSF x Far_LoA	-12,059	0,106	0,268
CHR17	9500686	CHR17:9500686	SSF x Far_LoA	-7,866	0,072	0,293

CHR17	9502926	CHR17:9502926	SSF x Far_LoA	-8,533	-0,061	0,294
CHR17	9503002	CHR17:9503002	SSF x Far_LoA	-9,039	-0,015	0,290
CHR17	9503024	CHR17:9503024	SSF x Far_LoA	-10,712	-0,039	0,298
CHR17	9518160	CHR17:9518160	SSF x Far_LoA	-10,065	-0,028	0,283
CHR17	9518214	CHR17:9518214	SSF x Far_LoA	-4,966	0,099	0,304
CHR17	9522991	CHR17:9522991	SSF x Far_LoA	-8,415	-0,029	0,275
CHR17	9524208	CHR17:9524208	SSF x Far_LoA	-7,495	0,104	0,263
CHR17	9524223	CHR17:9524223	SSF x Far_LoA	-9,443	-0,042	0,270
CHR17	9524285	CHR17:9524285	SSF x Far_LoA	-9,816	0,065	0,279
CHR17	9524296	CHR17:9524296	SSF x Far_LoA	-2,588	-0,011	0,296
CHR17	9524349	CHR17:9524349	SSF x Far_LoA	-11,567	0,084	0,273
CHR17	9531572	CHR17:9531572	SSF x Far_LoA	-9,788	-0,035	0,295
CHR17	9531645	CHR17:9531645	SSF x Far_LoA	-9,954	-0,145	0,288
CHR17	9531653	CHR17:9531653	SSF x Far_LoA	-9,030	0,049	0,293
CHR17	9531700	CHR17:9531700	SSF x Far_LoA	-8,831	-0,067	0,277
CHR17	9531706	CHR17:9531706	SSF x Far_LoA	-10,882	0,018	0,276
CHR17	9531712	CHR17:9531712	SSF x Far_LoA	-9,926	-0,020	0,273
CHR17	9531736	CHR17:9531736	SSF x Far_LoA	-8,996	-0,112	0,272
CHR17	9531760	CHR17:9531760	SSF x Far_LoA	-10,000	0,011	0,277
CHR17	9539480	CHR17:9539480	SSF x Far_LoA	-9,706	0,050	0,290
CHR17	9539516	CHR17:9539516	SSF x Far_LoA	-10,998	0,113	0,296
CHR17	9539539	CHR17:9539539	SSF x Far_LoA	-9,835	0,106	0,282
CHR17	9539543	CHR17:9539543	SSF x Far_LoA	-8,952	0,124	0,287
CHR17	9539549	CHR17:9539549	SSF x Far_LoA	-7,566	-0,149	0,265
CHR17	954299	CHR17:954299	SSF x Far_LoA	-5,659	-0,096	0,286
CHR17	954323	CHR17:954323	SSF x Far_LoA	-4,982	0,134	0,284
CHR17	954356	CHR17:954356	SSF x Far_LoA	-5,443	0,158	0,286
CHR17	9543804	CHR17:9543804	SSF x Far_LoA	-9,433	-0,008	0,304
CHR17	9543806	CHR17:9543806	SSF x Far_LoA	-7,952	0,189	0,291
CHR17	9543855	CHR17:9543855	SSF x Far_LoA	-11,321	-0,016	0,286
CHR17	9543885	CHR17:9543885	SSF x Far_LoA	-10,672	-0,058	0,287
CHR17	9543958	CHR17:9543958	SSF x Far_LoA	-11,113	-0,046	0,290
CHR17	9548318	CHR17:9548318	SSF x Far_LoA	-8,217	-0,038	0,302
CHR17	9548331	CHR17:9548331	SSF x Far_LoA	-8,367	-0,137	0,271
CHR17	9548344	CHR17:9548344	SSF x Far_LoA	-10,623	-0,025	0,293
CHR17	9563355	CHR17:9563355	SSF x Far_LoA	-8,184	0,110	0,277
CHR17	9563373	CHR17:9563373	SSF x Far_LoA	-7,010	0,109	0,286
CHR17	9563997	CHR17:9563997	SSF x Far_LoA	-11,868	-0,012	0,282
CHR17	9564005	CHR17:9564005	SSF x Far_LoA	-10,768	-0,021	0,291
CHR17	9564006	CHR17:9564006	SSF x Far_LoA	-12,048	0,019	0,283
CHR17	9564119	CHR17:9564119	SSF x Far_LoA	-9,547	-0,005	0,285
CHR17	9573913	CHR17:9573913	SSF x Far_LoA	-9,338	0,073	0,291
CHR17	9588816	CHR17:9588816	SSF x Far_LoA	0,123	-0,075	0,303
CHR17	9588853	CHR17:9588853	SSF x Far_LoA	-10,732	0,071	0,294
CHR17	9588854	CHR17:9588854	SSF x Far_LoA	-8,609	0,056	0,301
CHR17	9588898	CHR17:9588898	SSF x Far_LoA	-10,892	0,055	0,295
CHR17	9588921	CHR17:9588921	SSF x Far_LoA	-10,340	0,064	0,279
CHR17	9588986	CHR17:9588986	SSF x Far_LoA	-6,473	0,042	0,308
CHR17	9588987	CHR17:9588987	SSF x Far_LoA	-8,879	0,043	0,300
CHR17	9598781	CHR17:9598781	SSF x Far_LoA	-9,367	-0,081	0,293
CHR17	9598802	CHR17:9598802	SSF x Far_LoA	-8,362	-0,072	0,294
CHR17	9600352	CHR17:9600352	SSF x Far_LoA	-7,237	-0,136	0,295
CHR17	9600370	CHR17:9600370	SSF x Far_LoA	-8,652	-0,102	0,287

CHR17	9600456	CHR17:9600456	SSF x Far_LoA	-9,087	0,030	0,292
CHR17	9605610	CHR17:9605610	SSF x Far_LoA	-10,663	-0,039	0,302
CHR17	9605651	CHR17:9605651	SSF x Far_LoA	-7,714	-0,049	0,292
CHR17	9605739	CHR17:9605739	SSF x Far_LoA	2,660	-0,165	0,296
CHR17	9605796	CHR17:9605796	SSF x Far_LoA	-8,517	0,010	0,278
CHR17	9608835	CHR17:9608835	SSF x Far_LoA	-5,486	-0,213	0,280
CHR17	9608862	CHR17:9608862	SSF x Far_LoA	-6,535	-0,195	0,289
CHR17	9608900	CHR17:9608900	SSF x Far_LoA	-8,270	0,009	0,297
CHR17	9609174	CHR17:9609174	SSF x Far_LoA	-8,746	-0,150	0,279
CHR17	9609213	CHR17:9609213	SSF x Far_LoA	-8,715	-0,007	0,302
CHR17	9609250	CHR17:9609250	SSF x Far_LoA	-7,987	-0,007	0,295
CHR17	9609340	CHR17:9609340	SSF x Far_LoA	-3,105	0,254	0,280
CHR17	963640	CHR17:963640	SSF x Far_LoA	-10,384	0,053	0,285
CHR17	963666	CHR17:963666	SSF x Far_LoA	-7,394	0,010	0,280
CHR17	963715	CHR17:963715	SSF x Far_LoA	-9,319	0,045	0,293
CHR17	963724	CHR17:963724	SSF x Far_LoA	-5,608	-0,044	0,272
CHR17	9653244	CHR17:9653244	SSF x Far_LoA	-8,690	-0,129	0,308
CHR17	9653281	CHR17:9653281	SSF x Far_LoA	-7,870	-0,132	0,281
CHR17	9658999	CHR17:9658999	SSF x Far_LoA	-7,294	0,085	0,299
CHR17	9659035	CHR17:9659035	SSF x Far_LoA	-9,817	0,025	0,304
CHR17	9659040	CHR17:9659040	SSF x Far_LoA	-10,644	0,030	0,293
CHR17	9659052	CHR17:9659052	SSF x Far_LoA	-10,750	0,009	0,296
CHR17	9659114	CHR17:9659114	SSF x Far_LoA	-8,935	0,030	0,294
CHR17	9659162	CHR17:9659162	SSF x Far_LoA	-10,080	0,026	0,298
CHR17	9659179	CHR17:9659179	SSF x Far_LoA	-11,208	-0,027	0,289
CHR17	9659196	CHR17:9659196	SSF x Far_LoA	-8,559	0,073	0,306
CHR17	9659210	CHR17:9659210	SSF x Far_LoA	-9,323	0,069	0,301
CHR17	9661223	CHR17:9661223	SSF x Far_LoA	-9,427	-0,009	0,269
CHR17	9661244	CHR17:9661244	SSF x Far_LoA	-11,099	-0,029	0,302
CHR17	9661328	CHR17:9661328	SSF x Far_LoA	-8,480	-0,107	0,302
CHR17	9662358	CHR17:9662358	SSF x Far_LoA	-8,431	-0,072	0,293
CHR17	9671063	CHR17:9671063	SSF x Far_LoA	-9,679	0,141	0,283
CHR17	9671100	CHR17:9671100	SSF x Far_LoA	-9,026	0,078	0,285
CHR17	9671121	CHR17:9671121	SSF x Far_LoA	-10,326	-0,039	0,280
CHR17	9671139	CHR17:9671139	SSF x Far_LoA	-8,463	0,155	0,270
CHR17	9671233	CHR17:9671233	SSF x Far_LoA	-3,624	0,068	0,296
CHR17	968130	CHR17:968130	SSF x Far_LoA	-8,171	-0,016	0,310
CHR17	968190	CHR17:968190	SSF x Far_LoA	-10,851	0,068	0,293
CHR17	968219	CHR17:968219	SSF x Far_LoA	-6,493	-0,189	0,281
CHR17	9683392	CHR17:9683392	SSF x Far_LoA	-7,907	-0,081	0,300
CHR17	9683428	CHR17:9683428	SSF x Far_LoA	-5,987	-0,158	0,286
CHR17	9683441	CHR17:9683441	SSF x Far_LoA	-8,673	-0,142	0,282
CHR17	9683451	CHR17:9683451	SSF x Far_LoA	-7,725	0,044	0,293
CHR17	9683553	CHR17:9683553	SSF x Far_LoA	-9,776	-0,002	0,274
CHR17	968521	CHR17:968521	SSF x Far_LoA	-8,133	-0,076	0,297
CHR17	968536	CHR17:968536	SSF x Far_LoA	-8,964	-0,090	0,273
CHR17	968564	CHR17:968564	SSF x Far_LoA	-9,586	-0,071	0,287
CHR17	968620	CHR17:968620	SSF x Far_LoA	-10,806	0,092	0,278
CHR17	9689711	CHR17:9689711	SSF x Far_LoA	-9,090	0,007	0,273
CHR17	9689718	CHR17:9689718	SSF x Far_LoA	4,803	0,014	0,287
CHR17	9689785	CHR17:9689785	SSF x Far_LoA	-10,742	0,077	0,299
CHR17	9689799	CHR17:9689799	SSF x Far_LoA	-7,655	-0,060	0,271
CHR17	9689838	CHR17:9689838	SSF x Far_LoA	-9,192	0,003	0,278

CHR17	9689863	CHR17:9689863	SSF x Far_LoA	-9,593	0,138	0,292
CHR17	9690010	CHR17:9690010	SSF x Far_LoA	-7,877	-0,134	0,295
CHR17	9693963	CHR17:9693963	SSF x Far_LoA	-7,311	-0,137	0,292
CHR17	9693964	CHR17:9693964	SSF x Far_LoA	-10,040	-0,056	0,289
CHR17	9693978	CHR17:9693978	SSF x Far_LoA	-7,998	-0,017	0,306
CHR17	9693989	CHR17:9693989	SSF x Far_LoA	-10,113	-0,019	0,318
CHR17	9694051	CHR17:9694051	SSF x Far_LoA	-9,557	0,075	0,288
CHR17	9694086	CHR17:9694086	SSF x Far_LoA	-10,040	0,060	0,297
CHR17	9694148	CHR17:9694148	SSF x Far_LoA	-9,900	0,003	0,294
CHR17	9707829	CHR17:9707829	SSF x Far_LoA	-7,700	-0,086	0,290
CHR17	9707951	CHR17:9707951	SSF x Far_LoA	-8,648	0,093	0,288
CHR17	9707973	CHR17:9707973	SSF x Far_LoA	-10,343	-0,112	0,287
CHR17	9708010	CHR17:9708010	SSF x Far_LoA	-9,288	-0,009	0,307
CHR17	9708309	CHR17:9708309	SSF x Far_LoA	-11,191	-0,006	0,292
CHR17	9717117	CHR17:9717117	SSF x Far_LoA	-9,897	-0,047	0,288
CHR17	9717130	CHR17:9717130	SSF x Far_LoA	-8,982	-0,016	0,279
CHR17	9717222	CHR17:9717222	SSF x Far_LoA	-10,525	-0,041	0,286
CHR17	9717223	CHR17:9717223	SSF x Far_LoA	-10,083	-0,061	0,282
CHR17	9717233	CHR17:9717233	SSF x Far_LoA	-8,442	-0,072	0,295
CHR17	9717254	CHR17:9717254	SSF x Far_LoA	-0,377	0,042	0,288
CHR17	9717272	CHR17:9717272	SSF x Far_LoA	-10,664	-0,053	0,291
CHR17	9717281	CHR17:9717281	SSF x Far_LoA	-8,685	-0,052	0,299
CHR17	9717383	CHR17:9717383	SSF x Far_LoA	-6,480	-0,151	0,288
CHR17	9717390	CHR17:9717390	SSF x Far_LoA	-11,003	0,043	0,295
CHR17	9717392	CHR17:9717392	SSF x Far_LoA	-9,397	-0,076	0,287
CHR17	9734771	CHR17:9734771	SSF x Far_LoA	-11,335	-0,030	0,277
CHR17	9734788	CHR17:9734788	SSF x Far_LoA	-8,035	-0,150	0,282
CHR17	9734811	CHR17:9734811	SSF x Far_LoA	-10,748	0,023	0,293
CHR17	9734838	CHR17:9734838	SSF x Far_LoA	-8,495	-0,019	0,291
CHR17	9734866	CHR17:9734866	SSF x Far_LoA	-9,670	0,049	0,298
CHR17	9735210	CHR17:9735210	SSF x Far_LoA	-10,412	0,035	0,309
CHR17	9737379	CHR17:9737379	SSF x Far_LoA	-9,486	0,032	0,294
CHR17	9737387	CHR17:9737387	SSF x Far_LoA	-1,963	0,009	0,278
CHR17	9738234	CHR17:9738234	SSF x Far_LoA	-9,681	0,019	0,301
CHR17	9742010	CHR17:9742010	SSF x Far_LoA	-11,119	-0,044	0,289
CHR17	9744247	CHR17:9744247	SSF x Far_LoA	-11,011	-0,056	0,288
CHR17	9744257	CHR17:9744257	SSF x Far_LoA	-10,553	-0,026	0,296
CHR17	9744372	CHR17:9744372	SSF x Far_LoA	-6,619	-0,068	0,316
CHR17	9744431	CHR17:9744431	SSF x Far_LoA	-7,289	0,228	0,281
CHR17	9746832	CHR17:9746832	SSF x Far_LoA	-9,735	0,060	0,288
CHR17	9746873	CHR17:9746873	SSF x Far_LoA	-8,883	-0,129	0,282
CHR17	9746956	CHR17:9746956	SSF x Far_LoA	-9,332	-0,045	0,288
CHR17	9765054	CHR17:9765054	SSF x Far_LoA	-9,154	0,025	0,313
CHR17	9767762	CHR17:9767762	SSF x Far_LoA	-10,252	-0,026	0,297
CHR17	9767788	CHR17:9767788	SSF x Far_LoA	-8,745	-0,003	0,289
CHR17	9767824	CHR17:9767824	SSF x Far_LoA	-10,149	-0,125	0,281
CHR17	9767869	CHR17:9767869	SSF x Far_LoA	-9,856	-0,047	0,289
CHR17	9767930	CHR17:9767930	SSF x Far_LoA	-9,505	0,018	0,278
CHR17	9773007	CHR17:9773007	SSF x Far_LoA	-9,133	-0,093	0,296
CHR17	9773159	CHR17:9773159	SSF x Far_LoA	-7,103	-0,048	0,298
CHR17	9773164	CHR17:9773164	SSF x Far_LoA	-10,505	-0,065	0,291
CHR17	9773210	CHR17:9773210	SSF x Far_LoA	-10,275	-0,082	0,290
CHR17	9773234	CHR17:9773234	SSF x Far_LoA	-5,054	0,086	0,288

CHR17	9773235	CHR17:9773235	SSF x Far_LoA	-8,097	-0,109	0,280
CHR17	9773240	CHR17:9773240	SSF x Far_LoA	-9,595	0,103	0,288
CHR17	9773294	CHR17:9773294	SSF x Far_LoA	-9,457	-0,030	0,284
CHR17	9773297	CHR17:9773297	SSF x Far_LoA	-11,567	0,028	0,288
CHR17	9773298	CHR17:9773298	SSF x Far_LoA	-4,892	-0,136	0,287
CHR17	9774399	CHR17:9774399	SSF x Far_LoA	-4,458	-0,097	0,278
CHR17	9774427	CHR17:9774427	SSF x Far_LoA	-10,422	0,084	0,288
CHR17	9774530	CHR17:9774530	SSF x Far_LoA	-9,500	-0,093	0,285
CHR17	9774538	CHR17:9774538	SSF x Far_LoA	-8,580	0,040	0,296
CHR17	9774566	CHR17:9774566	SSF x Far_LoA	-10,516	-0,090	0,295
CHR17	9778229	CHR17:9778229	SSF x Far_LoA	-11,956	-0,006	0,280
CHR17	9797958	CHR17:9797958	SSF x Far_LoA	-8,184	0,037	0,295
CHR17	9798150	CHR17:9798150	SSF x Far_LoA	-9,080	-0,011	0,307
CHR17	9802033	CHR17:9802033	SSF x Far_LoA	-9,266	0,148	0,279
CHR17	9802167	CHR17:9802167	SSF x Far_LoA	-9,749	-0,077	0,276
CHR17	9820578	CHR17:9820578	SSF x Far_LoA	-10,725	-0,060	0,278
CHR17	9820647	CHR17:9820647	SSF x Far_LoA	-8,335	-0,069	0,295
CHR17	9820812	CHR17:9820812	SSF x Far_LoA	-11,383	-0,044	0,296
CHR17	983521	CHR17:983521	SSF x Far_LoA	-7,428	0,076	0,287
CHR17	983574	CHR17:983574	SSF x Far_LoA	-9,151	-0,025	0,299
CHR17	983596	CHR17:983596	SSF x Far_LoA	-7,679	0,153	0,295
CHR17	983679	CHR17:983679	SSF x Far_LoA	-7,135	-0,017	0,298
CHR17	983719	CHR17:983719	SSF x Far_LoA	-9,508	0,143	0,289
CHR17	983746	CHR17:983746	SSF x Far_LoA	-8,451	-0,104	0,265
CHR17	9838898	CHR17:9838898	SSF x Far_LoA	-6,913	-0,028	0,295
CHR17	9839060	CHR17:9839060	SSF x Far_LoA	-10,179	0,133	0,259
CHR17	9839101	CHR17:9839101	SSF x Far_LoA	-9,434	0,037	0,288
CHR17	9839112	CHR17:9839112	SSF x Far_LoA	-9,176	0,006	0,291
CHR17	9839223	CHR17:9839223	SSF x Far_LoA	-5,343	-0,135	0,268
CHR17	9841011	CHR17:9841011	SSF x Far_LoA	-6,927	-0,110	0,281
CHR17	9841258	CHR17:9841258	SSF x Far_LoA	-7,842	-0,151	0,277
CHR17	9841269	CHR17:9841269	SSF x Far_LoA	-10,277	-0,022	0,298
CHR17	9841296	CHR17:9841296	SSF x Far_LoA	-10,040	-0,026	0,273
CHR17	9844017	CHR17:9844017	SSF x Far_LoA	-3,430	-0,072	0,284
CHR17	9844023	CHR17:9844023	SSF x Far_LoA	-10,900	-0,021	0,285
CHR17	9844170	CHR17:9844170	SSF x Far_LoA	-8,943	-0,032	0,294
CHR17	9848036	CHR17:9848036	SSF x Far_LoA	-9,654	-0,080	0,272
CHR17	9848078	CHR17:9848078	SSF x Far_LoA	-10,003	0,081	0,287
CHR17	9848092	CHR17:9848092	SSF x Far_LoA	-10,911	0,059	0,287
CHR17	9848119	CHR17:9848119	SSF x Far_LoA	-7,707	0,153	0,278
CHR17	9848183	CHR17:9848183	SSF x Far_LoA	-11,054	0,072	0,280
CHR17	9848191	CHR17:9848191	SSF x Far_LoA	-9,359	0,039	0,290
CHR17	9848223	CHR17:9848223	SSF x Far_LoA	-11,456	0,002	0,274
CHR17	9848305	CHR17:9848305	SSF x Far_LoA	-10,014	0,120	0,281
CHR17	9848308	CHR17:9848308	SSF x Far_LoA	-11,280	-0,060	0,286
CHR17	9854518	CHR17:9854518	SSF x Far_LoA	-7,354	-0,051	0,284
CHR17	9854523	CHR17:9854523	SSF x Far_LoA	-10,411	-0,053	0,287
CHR17	9854529	CHR17:9854529	SSF x Far_LoA	-11,369	-0,060	0,283
CHR17	9854550	CHR17:9854550	SSF x Far_LoA	-8,593	-0,100	0,276
CHR17	9854581	CHR17:9854581	SSF x Far_LoA	-5,077	-0,171	0,282
CHR17	9854596	CHR17:9854596	SSF x Far_LoA	-2,819	-0,235	0,290
CHR17	9854614	CHR17:9854614	SSF x Far_LoA	-4,805	-0,158	0,300
CHR17	9854655	CHR17:9854655	SSF x Far_LoA	-8,999	-0,051	0,297

CHR17	9854702	CHR17:9854702	SSF x Far_LoA	-10,648	-0,065	0,295
CHR17	9861384	CHR17:9861384	SSF x Far_LoA	-9,051	0,043	0,280
CHR17	9862314	CHR17:9862314	SSF x Far_LoA	-9,826	-0,031	0,294
CHR17	9862329	CHR17:9862329	SSF x Far_LoA	-9,638	-0,061	0,304
CHR17	986433	CHR17:986433	SSF x Far_LoA	-8,800	-0,092	0,292
CHR17	986466	CHR17:986466	SSF x Far_LoA	-0,228	0,172	0,291
CHR17	986468	CHR17:986468	SSF x Far_LoA	-6,658	0,111	0,288
CHR17	986487	CHR17:986487	SSF x Far_LoA	-8,439	0,047	0,291
CHR17	986643	CHR17:986643	SSF x Far_LoA	-6,114	0,172	0,286
CHR17	986696	CHR17:986696	SSF x Far_LoA	-8,451	0,155	0,296
CHR17	986702	CHR17:986702	SSF x Far_LoA	-7,252	-0,152	0,288
CHR17	986706	CHR17:986706	SSF x Far_LoA	-7,765	-0,078	0,304
CHR17	9870621	CHR17:9870621	SSF x Far_LoA	-7,681	0,164	0,280
CHR17	9888675	CHR17:9888675	SSF x Far_LoA	-8,579	-0,008	0,294
CHR17	9888730	CHR17:9888730	SSF x Far_LoA	-9,434	-0,044	0,303
CHR17	9888850	CHR17:9888850	SSF x Far_LoA	-11,490	-0,076	0,280
CHR17	9888856	CHR17:9888856	SSF x Far_LoA	-12,129	0,000	0,286
CHR17	9888948	CHR17:9888948	SSF x Far_LoA	-4,981	0,204	0,279
CHR17	9892108	CHR17:9892108	SSF x Far_LoA	-10,794	-0,006	0,300
CHR17	9892153	CHR17:9892153	SSF x Far_LoA	-10,830	0,065	0,280
CHR17	9892185	CHR17:9892185	SSF x Far_LoA	-8,581	0,048	0,285
CHR17	9892318	CHR17:9892318	SSF x Far_LoA	-10,748	-0,002	0,292
CHR17	9892324	CHR17:9892324	SSF x Far_LoA	-9,797	0,078	0,300
CHR17	9892326	CHR17:9892326	SSF x Far_LoA	-8,658	-0,052	0,283
CHR17	9892339	CHR17:9892339	SSF x Far_LoA	-7,672	0,062	0,295
CHR17	9892341	CHR17:9892341	SSF x Far_LoA	-8,992	0,105	0,283
CHR17	9892386	CHR17:9892386	SSF x Far_LoA	-9,151	0,034	0,304
CHR17	9892393	CHR17:9892393	SSF x Far_LoA	-9,235	-0,029	0,296
CHR17	9892410	CHR17:9892410	SSF x Far_LoA	-9,832	0,035	0,288
CHR17	9892411	CHR17:9892411	SSF x Far_LoA	-9,002	0,055	0,299
CHR17	990852	CHR17:990852	SSF x Far_LoA	-7,950	0,054	0,290
CHR17	990970	CHR17:990970	SSF x Far_LoA	-6,963	-0,059	0,304
CHR17	990982	CHR17:990982	SSF x Far_LoA	-9,123	-0,104	0,287
CHR17	991027	CHR17:991027	SSF x Far_LoA	-10,796	0,040	0,293
CHR17	991030	CHR17:991030	SSF x Far_LoA	-1,144	-0,013	0,287
CHR17	991049	CHR17:991049	SSF x Far_LoA	-9,884	0,066	0,296
CHR17	991053	CHR17:991053	SSF x Far_LoA	-8,510	-0,100	0,277
CHR17	9924088	CHR17:9924088	SSF x Far_LoA	-8,881	0,031	0,294
CHR17	9924143	CHR17:9924143	SSF x Far_LoA	-10,279	-0,045	0,303
CHR17	9924157	CHR17:9924157	SSF x Far_LoA	-10,989	-0,020	0,289
CHR17	9924205	CHR17:9924205	SSF x Far_LoA	-8,899	0,108	0,277
CHR17	9924212	CHR17:9924212	SSF x Far_LoA	-4,392	-0,025	0,287
CHR17	9924263	CHR17:9924263	SSF x Far_LoA	-9,592	-0,010	0,291
CHR17	9924274	CHR17:9924274	SSF x Far_LoA	-9,381	-0,001	0,270
CHR17	9936632	CHR17:9936632	SSF x Far_LoA	-9,551	0,091	0,279
CHR17	9936723	CHR17:9936723	SSF x Far_LoA	-9,728	-0,002	0,278
CHR17	9938565	CHR17:9938565	SSF x Far_LoA	-11,844	-0,083	0,284
CHR17	9941917	CHR17:9941917	SSF x Far_LoA	-11,044	0,078	0,285
CHR17	9941989	CHR17:9941989	SSF x Far_LoA	-10,820	0,055	0,287
CHR17	9942021	CHR17:9942021	SSF x Far_LoA	-8,993	-0,048	0,296
CHR17	9942159	CHR17:9942159	SSF x Far_LoA	-9,896	0,103	0,284
CHR17	9942221	CHR17:9942221	SSF x Far_LoA	-9,371	-0,038	0,284
CHR17	9942289	CHR17:9942289	SSF x Far_LoA	-11,090	0,022	0,294

CHR17	997262	CHR17:997262	SSF x Far_LoA	-11,228	-0,047	0,292
CHR17	997460	CHR17:997460	SSF x Far_LoA	-8,731	-0,193	0,270
CHR17	9979945	CHR17:9979945	SSF x Far_LoA	-7,723	-0,122	0,270
CHR17	9980069	CHR17:9980069	SSF x Far_LoA	-8,993	0,059	0,282
CHR17	9980075	CHR17:9980075	SSF x Far_LoA	-9,256	0,087	0,283
CHR17	9980108	CHR17:9980108	SSF x Far_LoA	-10,063	-0,043	0,295
CHR17	9980261	CHR17:9980261	SSF x Far_LoA	-8,908	0,130	0,284
CHR17	9980292	CHR17:9980292	SSF x Far_LoA	-6,808	0,148	0,297
CHR17	9983158	CHR17:9983158	SSF x Far_LoA	-11,514	-0,002	0,301
CHR17	9983274	CHR17:9983274	SSF x Far_LoA	-7,663	0,099	0,296
CHR17	9983277	CHR17:9983277	SSF x Far_LoA	-10,293	0,114	0,291
CHR17	9985366	CHR17:9985366	SSF x Far_LoA	-7,242	-0,120	0,295
CHR17	9985525	CHR17:9985525	SSF x Far_LoA	-9,889	-0,016	0,296
CHR17	9985555	CHR17:9985555	SSF x Far_LoA	-8,675	0,019	0,285
CHR17	9985582	CHR17:9985582	SSF x Far_LoA	-9,691	-0,129	0,288
CHR18	1798960	CHR18:1798960	SSF x Far_LoA	-8,705	0,084	0,281
CHR18	1799076	CHR18:1799076	SSF x Far_LoA	-2,129	0,165	0,284
CHR18	1836964	CHR18:1836964	SSF x Far_LoA	-8,878	-0,021	0,294
CHR18	1837008	CHR18:1837008	SSF x Far_LoA	-11,035	0,072	0,296
CHR18	1837012	CHR18:1837012	SSF x Far_LoA	-8,535	-0,029	0,310
CHR18	1839330	CHR18:1839330	SSF x Far_LoA	-7,527	-0,010	0,284
CHR18	1850813	CHR18:1850813	SSF x Far_LoA	-6,679	0,060	0,297
CHR18	1851102	CHR18:1851102	SSF x Far_LoA	-11,372	-0,003	0,280
CHR18	1851166	CHR18:1851166	SSF x Far_LoA	2,460	-0,038	0,303
CHR18	1852316	CHR18:1852316	SSF x Far_LoA	-9,831	-0,058	0,284
CHR18	1854174	CHR18:1854174	SSF x Far_LoA	-10,615	-0,032	0,298
CHR18	1854279	CHR18:1854279	SSF x Far_LoA	-7,231	-0,101	0,290
CHR18	1859229	CHR18:1859229	SSF x Far_LoA	-12,157	0,056	0,283
CHR18	1859263	CHR18:1859263	SSF x Far_LoA	-8,368	-0,114	0,287
CHR18	1864277	CHR18:1864277	SSF x Far_LoA	-8,911	-0,069	0,279
CHR18	1864491	CHR18:1864491	SSF x Far_LoA	-8,529	0,012	0,292
CHR18	1864530	CHR18:1864530	SSF x Far_LoA	-11,172	-0,032	0,285
CHR18	1869515	CHR18:1869515	SSF x Far_LoA	-10,171	-0,102	0,290
CHR18	1869520	CHR18:1869520	SSF x Far_LoA	-6,504	0,022	0,293
CHR18	1873351	CHR18:1873351	SSF x Far_LoA	-9,505	-0,023	0,293
CHR18	1873472	CHR18:1873472	SSF x Far_LoA	-9,124	-0,039	0,300
CHR18	1880196	CHR18:1880196	SSF x Far_LoA	-5,945	0,072	0,296
CHR18	1892554	CHR18:1892554	SSF x Far_LoA	-11,986	-0,011	0,285
CHR18	1892663	CHR18:1892663	SSF x Far_LoA	-8,486	0,088	0,292
CHR18	1892771	CHR18:1892771	SSF x Far_LoA	-8,500	-0,072	0,303
CHR18	1894007	CHR18:1894007	SSF x Far_LoA	-10,227	0,001	0,289
CHR18	1894212	CHR18:1894212	SSF x Far_LoA	-10,356	-0,007	0,292
CHR18	1894277	CHR18:1894277	SSF x Far_LoA	-6,079	-0,009	0,301
CHR18	1895050	CHR18:1895050	SSF x Far_LoA	-10,134	-0,105	0,293
CHR18	1895060	CHR18:1895060	SSF x Far_LoA	-7,755	0,128	0,294
CHR18	1895093	CHR18:1895093	SSF x Far_LoA	-9,598	0,093	0,282
CHR18	1895114	CHR18:1895114	SSF x Far_LoA	-10,714	0,066	0,290
CHR18	1895169	CHR18:1895169	SSF x Far_LoA	-7,835	0,153	0,291
CHR18	1897821	CHR18:1897821	SSF x Far_LoA	-7,169	0,119	0,296
CHR18	1897877	CHR18:1897877	SSF x Far_LoA	-7,743	-0,068	0,297
CHR18	1897954	CHR18:1897954	SSF x Far_LoA	-7,244	-0,085	0,289
CHR18	1898015	CHR18:1898015	SSF x Far_LoA	-6,014	-0,003	0,294
CHR18	1898016	CHR18:1898016	SSF x Far_LoA	-8,820	-0,003	0,290

CHR18	1922780	CHR18:1922780	SSF x Far_LoA	21,561	-0,174	0,278
CHR18	1923204	CHR18:1923204	SSF x Far_LoA	-11,969	0,039	0,290
CHR18	1926757	CHR18:1926757	SSF x Far_LoA	-9,534	0,004	0,294
CHR18	1926782	CHR18:1926782	SSF x Far_LoA	-9,742	-0,111	0,288
CHR18	1926895	CHR18:1926895	SSF x Far_LoA	-3,115	-0,031	0,279
CHR18	1936045	CHR18:1936045	SSF x Far_LoA	-8,579	-0,051	0,295
CHR18	1936118	CHR18:1936118	SSF x Far_LoA	-7,879	0,064	0,295
CHR18	1942272	CHR18:1942272	SSF x Far_LoA	-8,978	-0,114	0,299
CHR18	1942329	CHR18:1942329	SSF x Far_LoA	-10,768	0,045	0,288
CHR18	1942363	CHR18:1942363	SSF x Far_LoA	-4,810	0,216	0,287
CHR18	1942402	CHR18:1942402	SSF x Far_LoA	-9,455	-0,123	0,267
CHR18	1960643	CHR18:1960643	SSF x Far_LoA	-9,601	-0,080	0,297
CHR18	1960652	CHR18:1960652	SSF x Far_LoA	-11,096	0,034	0,284
CHR18	1960761	CHR18:1960761	SSF x Far_LoA	-5,916	-0,071	0,291
CHR18	1960763	CHR18:1960763	SSF x Far_LoA	-8,748	0,048	0,297
CHR18	1969822	CHR18:1969822	SSF x Far_LoA	-9,044	0,033	0,281
CHR18	1969830	CHR18:1969830	SSF x Far_LoA	-11,274	-0,029	0,297
CHR18	1969832	CHR18:1969832	SSF x Far_LoA	-8,952	-0,059	0,296
CHR18	1969845	CHR18:1969845	SSF x Far_LoA	-12,464	0,021	0,271
CHR18	1969919	CHR18:1969919	SSF x Far_LoA	-10,467	0,026	0,295
CHR18	1969985	CHR18:1969985	SSF x Far_LoA	-8,065	-0,065	0,295
CHR18	1970002	CHR18:1970002	SSF x Far_LoA	11,382	-0,200	0,290
CHR18	1970081	CHR18:1970081	SSF x Far_LoA	-8,898	0,006	0,294
CHR18	1975309	CHR18:1975309	SSF x Far_LoA	-10,668	0,052	0,280
CHR18	1981459	CHR18:1981459	SSF x Far_LoA	-10,838	-0,020	0,284
CHR18	1988379	CHR18:1988379	SSF x Far_LoA	-9,902	0,046	0,289
CHR18	1988423	CHR18:1988423	SSF x Far_LoA	-8,800	0,127	0,282
CHR18	1988426	CHR18:1988426	SSF x Far_LoA	-8,112	-0,096	0,296
CHR18	1988448	CHR18:1988448	SSF x Far_LoA	-8,245	-0,027	0,301
CHR18	1992675	CHR18:1992675	SSF x Far_LoA	-10,708	0,052	0,283
CHR18	1992850	CHR18:1992850	SSF x Far_LoA	-7,245	-0,113	0,274
CHR18	1992895	CHR18:1992895	SSF x Far_LoA	-8,433	-0,074	0,291
CHR18	2009793	CHR18:2009793	SSF x Far_LoA	-10,800	-0,024	0,298
CHR18	2009800	CHR18:2009800	SSF x Far_LoA	-10,343	-0,072	0,294
CHR18	2009878	CHR18:2009878	SSF x Far_LoA	-9,763	-0,005	0,303
CHR18	2009900	CHR18:2009900	SSF x Far_LoA	-11,473	-0,031	0,288
CHR18	2012804	CHR18:2012804	SSF x Far_LoA	-11,129	0,126	0,283
CHR18	2030799	CHR18:2030799	SSF x Far_LoA	-11,147	0,004	0,287
CHR18	2031687	CHR18:2031687	SSF x Far_LoA	-9,871	-0,069	0,302
CHR18	2031703	CHR18:2031703	SSF x Far_LoA	-9,715	-0,027	0,285
CHR18	2040042	CHR18:2040042	SSF x Far_LoA	-11,057	-0,055	0,272
CHR18	2040316	CHR18:2040316	SSF x Far_LoA	-9,923	0,098	0,278
CHR18	2044032	CHR18:2044032	SSF x Far_LoA	-8,444	-0,108	0,281
CHR18	2044339	CHR18:2044339	SSF x Far_LoA	-9,089	0,119	0,291
CHR18	2052219	CHR18:2052219	SSF x Far_LoA	-9,204	-0,050	0,298
CHR18	2052229	CHR18:2052229	SSF x Far_LoA	-12,295	-0,035	0,282
CHR18	2079227	CHR18:2079227	SSF x Far_LoA	-8,899	0,041	0,293
CHR18	2079320	CHR18:2079320	SSF x Far_LoA	-9,612	0,084	0,282
CHR18	2086081	CHR18:2086081	SSF x Far_LoA	-10,376	-0,069	0,294
CHR18	2088035	CHR18:2088035	SSF x Far_LoA	-7,624	0,054	0,292
CHR18	2088064	CHR18:2088064	SSF x Far_LoA	-9,054	0,017	0,289
CHR18	2110037	CHR18:2110037	SSF x Far_LoA	-9,807	-0,068	0,278
CHR18	2111647	CHR18:2111647	SSF x Far_LoA	-11,815	-0,042	0,288

CHR18	2118882	CHR18:2118882	SSF x Far_LoA	-7,914	0,085	0,295
CHR18	2118954	CHR18:2118954	SSF x Far_LoA	-12,010	-0,015	0,280
CHR18	2119503	CHR18:2119503	SSF x Far_LoA	-8,141	-0,007	0,295
CHR18	2136914	CHR18:2136914	SSF x Far_LoA	-10,829	0,120	0,283
CHR18	2137042	CHR18:2137042	SSF x Far_LoA	-10,288	0,054	0,290
CHR18	2137057	CHR18:2137057	SSF x Far_LoA	-9,702	-0,024	0,296
CHR18	2137209	CHR18:2137209	SSF x Far_LoA	-10,051	0,020	0,308
CHR18	2137244	CHR18:2137244	SSF x Far_LoA	-11,334	-0,033	0,301
CHR18	2141949	CHR18:2141949	SSF x Far_LoA	-7,935	-0,040	0,291
CHR18	2143475	CHR18:2143475	SSF x Far_LoA	-8,337	-0,062	0,296
CHR18	2143568	CHR18:2143568	SSF x Far_LoA	-4,155	-0,109	0,289
CHR18	2150304	CHR18:2150304	SSF x Far_LoA	-10,400	0,035	0,290
CHR18	2150345	CHR18:2150345	SSF x Far_LoA	-9,028	0,097	0,280
CHR18	2150375	CHR18:2150375	SSF x Far_LoA	-10,530	-0,029	0,308
CHR18	2167181	CHR18:2167181	SSF x Far_LoA	-9,016	0,089	0,288
CHR18	2167298	CHR18:2167298	SSF x Far_LoA	-8,958	-0,030	0,289
CHR18	2173592	CHR18:2173592	SSF x Far_LoA	-6,786	-0,181	0,293
CHR18	2173624	CHR18:2173624	SSF x Far_LoA	-7,030	0,194	0,273
CHR18	2173686	CHR18:2173686	SSF x Far_LoA	-9,416	-0,082	0,281
CHR18	2178365	CHR18:2178365	SSF x Far_LoA	-10,091	-0,020	0,296
CHR18	2179731	CHR18:2179731	SSF x Far_LoA	-4,636	-0,142	0,282
CHR18	2182234	CHR18:2182234	SSF x Far_LoA	-9,354	-0,046	0,305
CHR18	2189015	CHR18:2189015	SSF x Far_LoA	-10,377	0,006	0,293
CHR18	2189061	CHR18:2189061	SSF x Far_LoA	1,693	0,110	0,290
CHR18	2189139	CHR18:2189139	SSF x Far_LoA	-11,726	-0,001	0,296
CHR18	2189159	CHR18:2189159	SSF x Far_LoA	-5,343	-0,011	0,294
CHR18	2189195	CHR18:2189195	SSF x Far_LoA	-8,352	0,089	0,278
CHR18	2189243	CHR18:2189243	SSF x Far_LoA	-5,382	-0,068	0,286
CHR18	2189321	CHR18:2189321	SSF x Far_LoA	-11,044	-0,014	0,300
CHR18	2191498	CHR18:2191498	SSF x Far_LoA	-11,065	0,027	0,287
CHR18	2191504	CHR18:2191504	SSF x Far_LoA	-7,550	0,001	0,287
CHR18	2191573	CHR18:2191573	SSF x Far_LoA	-7,542	-0,122	0,273
CHR18	2191609	CHR18:2191609	SSF x Far_LoA	-9,904	0,062	0,291
CHR18	2191710	CHR18:2191710	SSF x Far_LoA	-9,950	0,087	0,296
CHR18	2191726	CHR18:2191726	SSF x Far_LoA	-8,069	0,078	0,306
CHR18	2191742	CHR18:2191742	SSF x Far_LoA	-9,687	0,034	0,299
CHR18	2197808	CHR18:2197808	SSF x Far_LoA	-9,341	0,031	0,291
CHR18	2197908	CHR18:2197908	SSF x Far_LoA	-10,837	0,043	0,300
CHR18	2197984	CHR18:2197984	SSF x Far_LoA	-8,563	-0,006	0,306
CHR18	2209306	CHR18:2209306	SSF x Far_LoA	-5,532	-0,150	0,301
CHR18	2225492	CHR18:2225492	SSF x Far_LoA	-8,858	0,055	0,293
CHR18	2225525	CHR18:2225525	SSF x Far_LoA	-7,557	-0,114	0,295
CHR18	2225566	CHR18:2225566	SSF x Far_LoA	-9,779	-0,011	0,303
CHR18	2225582	CHR18:2225582	SSF x Far_LoA	-7,888	0,004	0,307
CHR18	2225970	CHR18:2225970	SSF x Far_LoA	-11,169	0,124	0,288
CHR18	2266492	CHR18:2266492	SSF x Far_LoA	-8,954	0,031	0,293
CHR18	2266498	CHR18:2266498	SSF x Far_LoA	-9,324	-0,138	0,280
CHR18	2266502	CHR18:2266502	SSF x Far_LoA	-8,288	-0,086	0,281
CHR18	2266600	CHR18:2266600	SSF x Far_LoA	-9,973	0,048	0,290
CHR18	2276131	CHR18:2276131	SSF x Far_LoA	-7,813	-0,038	0,315
CHR18	2276155	CHR18:2276155	SSF x Far_LoA	-8,081	0,045	0,302
CHR18	2276174	CHR18:2276174	SSF x Far_LoA	-8,745	0,106	0,295
CHR18	2276178	CHR18:2276178	SSF x Far_LoA	-7,343	0,124	0,292

CHR18	2276200	CHR18:2276200	SSF x Far_LoA	-9,068	0,132	0,291
CHR18	2276213	CHR18:2276213	SSF x Far_LoA	-8,431	0,079	0,284
CHR18	2292041	CHR18:2292041	SSF x Far_LoA	-0,445	-0,114	0,289
CHR18	2292186	CHR18:2292186	SSF x Far_LoA	-7,975	0,051	0,291
CHR18	2296548	CHR18:2296548	SSF x Far_LoA	-11,119	0,042	0,290
CHR18	2327796	CHR18:2327796	SSF x Far_LoA	-11,336	0,030	0,291
CHR18	2327832	CHR18:2327832	SSF x Far_LoA	-8,350	0,114	0,297
CHR18	2327884	CHR18:2327884	SSF x Far_LoA	0,107	-0,113	0,286
CHR18	2333992	CHR18:2333992	SSF x Far_LoA	-7,901	-0,117	0,295
CHR18	2337163	CHR18:2337163	SSF x Far_LoA	-5,641	0,098	0,293
CHR18	2338658	CHR18:2338658	SSF x Far_LoA	-11,320	-0,067	0,292
CHR18	2338666	CHR18:2338666	SSF x Far_LoA	-10,582	-0,093	0,296
CHR18	2338779	CHR18:2338779	SSF x Far_LoA	-11,703	-0,031	0,291
CHR18	2347367	CHR18:2347367	SSF x Far_LoA	-8,647	0,093	0,288
CHR18	2347589	CHR18:2347589	SSF x Far_LoA	-8,680	-0,078	0,282
CHR18	2349333	CHR18:2349333	SSF x Far_LoA	-8,756	0,046	0,295
CHR18	2349345	CHR18:2349345	SSF x Far_LoA	-10,271	0,108	0,289
CHR18	2349482	CHR18:2349482	SSF x Far_LoA	-10,915	-0,013	0,302
CHR18	2349521	CHR18:2349521	SSF x Far_LoA	-9,844	-0,011	0,292
CHR18	2349550	CHR18:2349550	SSF x Far_LoA	-10,178	0,015	0,275
CHR18	2354910	CHR18:2354910	SSF x Far_LoA	-8,436	-0,056	0,297
CHR18	2354950	CHR18:2354950	SSF x Far_LoA	-5,967	-0,203	0,263
CHR18	2355006	CHR18:2355006	SSF x Far_LoA	-10,424	0,021	0,278
CHR18	2367120	CHR18:2367120	SSF x Far_LoA	-9,877	-0,084	0,293
CHR18	2367148	CHR18:2367148	SSF x Far_LoA	-8,521	-0,019	0,295
CHR18	2367530	CHR18:2367530	SSF x Far_LoA	-3,802	0,108	0,278
CHR18	2377348	CHR18:2377348	SSF x Far_LoA	-10,925	0,062	0,295
CHR18	2391673	CHR18:2391673	SSF x Far_LoA	-9,359	0,071	0,300
CHR18	2391683	CHR18:2391683	SSF x Far_LoA	-7,722	0,040	0,309
CHR18	2391740	CHR18:2391740	SSF x Far_LoA	-9,036	-0,019	0,288
CHR18	2391774	CHR18:2391774	SSF x Far_LoA	-10,891	-0,085	0,297
CHR18	2391779	CHR18:2391779	SSF x Far_LoA	-8,828	-0,056	0,301
CHR18	2391801	CHR18:2391801	SSF x Far_LoA	-6,283	-0,047	0,309
CHR18	2391958	CHR18:2391958	SSF x Far_LoA	-9,897	-0,007	0,295
CHR18	2397501	CHR18:2397501	SSF x Far_LoA	-7,759	0,073	0,284
CHR18	2399346	CHR18:2399346	SSF x Far_LoA	-6,038	-0,166	0,271
CHR18	2423714	CHR18:2423714	SSF x Far_LoA	-9,249	-0,018	0,296
CHR18	2423724	CHR18:2423724	SSF x Far_LoA	-11,069	0,093	0,292
CHR18	2423896	CHR18:2423896	SSF x Far_LoA	-9,187	-0,117	0,288
CHR18	2427550	CHR18:2427550	SSF x Far_LoA	-9,727	0,123	0,271
CHR18	2427634	CHR18:2427634	SSF x Far_LoA	-8,992	0,094	0,276
CHR18	2432530	CHR18:2432530	SSF x Far_LoA	-10,042	0,037	0,284
CHR18	2432601	CHR18:2432601	SSF x Far_LoA	-8,667	-0,088	0,304
CHR18	2434958	CHR18:2434958	SSF x Far_LoA	-10,345	0,019	0,298
CHR18	2434988	CHR18:2434988	SSF x Far_LoA	-10,424	0,061	0,283
CHR18	2436974	CHR18:2436974	SSF x Far_LoA	-9,263	0,080	0,288
CHR18	2438400	CHR18:2438400	SSF x Far_LoA	-10,591	0,092	0,290
CHR18	2438464	CHR18:2438464	SSF x Far_LoA	-9,859	-0,046	0,301
CHR18	2438465	CHR18:2438465	SSF x Far_LoA	-8,918	-0,076	0,305
CHR18	2438494	CHR18:2438494	SSF x Far_LoA	-11,279	0,006	0,275
CHR18	2438610	CHR18:2438610	SSF x Far_LoA	-10,800	-0,028	0,282
CHR18	2438656	CHR18:2438656	SSF x Far_LoA	-9,549	-0,024	0,262
CHR18	2448146	CHR18:2448146	SSF x Far_LoA	-7,833	0,075	0,278

CHR18	2448349	CHR18:2448349	SSF x Far_LoA	-8,961	-0,023	0,295
CHR18	2448360	CHR18:2448360	SSF x Far_LoA	-10,577	0,020	0,293
CHR18	2448372	CHR18:2448372	SSF x Far_LoA	-8,905	0,020	0,290
CHR18	2448377	CHR18:2448377	SSF x Far_LoA	-3,841	-0,151	0,286
CHR18	2448463	CHR18:2448463	SSF x Far_LoA	-9,592	0,052	0,303
CHR18	2460650	CHR18:2460650	SSF x Far_LoA	-11,724	-0,040	0,286
CHR18	2460654	CHR18:2460654	SSF x Far_LoA	-11,455	-0,043	0,266
CHR18	2460674	CHR18:2460674	SSF x Far_LoA	-8,899	-0,011	0,290
CHR18	2460703	CHR18:2460703	SSF x Far_LoA	-10,482	0,031	0,307
CHR18	2460757	CHR18:2460757	SSF x Far_LoA	-8,692	-0,052	0,294
CHR18	2460836	CHR18:2460836	SSF x Far_LoA	-9,530	0,082	0,289
CHR18	2460842	CHR18:2460842	SSF x Far_LoA	-8,465	-0,067	0,296
CHR18	2471898	CHR18:2471898	SSF x Far_LoA	-9,698	0,001	0,293
CHR18	2487758	CHR18:2487758	SSF x Far_LoA	-8,798	0,040	0,275
CHR18	2487773	CHR18:2487773	SSF x Far_LoA	-10,591	0,057	0,289
CHR18	2487790	CHR18:2487790	SSF x Far_LoA	-8,694	0,119	0,271
CHR18	2487791	CHR18:2487791	SSF x Far_LoA	-10,411	-0,037	0,306
CHR18	2487808	CHR18:2487808	SSF x Far_LoA	-8,983	0,023	0,277
CHR18	2504371	CHR18:2504371	SSF x Far_LoA	-11,359	0,067	0,282
CHR18	2504596	CHR18:2504596	SSF x Far_LoA	-11,167	-0,032	0,291
CHR18	2529089	CHR18:2529089	SSF x Far_LoA	-4,419	0,201	0,274
CHR18	2529113	CHR18:2529113	SSF x Far_LoA	-7,120	0,216	0,265
CHR18	2529116	CHR18:2529116	SSF x Far_LoA	-7,042	0,190	0,275
CHR18	2531819	CHR18:2531819	SSF x Far_LoA	-8,479	-0,006	0,309
CHR18	2531829	CHR18:2531829	SSF x Far_LoA	-8,113	0,000	0,308
CHR18	2531885	CHR18:2531885	SSF x Far_LoA	-7,336	0,013	0,293
CHR18	2531934	CHR18:2531934	SSF x Far_LoA	-7,231	-0,063	0,306
CHR18	2531945	CHR18:2531945	SSF x Far_LoA	-10,962	-0,016	0,275
CHR18	2531967	CHR18:2531967	SSF x Far_LoA	-8,438	-0,170	0,286
CHR18	2531994	CHR18:2531994	SSF x Far_LoA	-10,296	0,003	0,290
CHR18	2532014	CHR18:2532014	SSF x Far_LoA	-8,766	-0,015	0,286
CHR18	2532045	CHR18:2532045	SSF x Far_LoA	-9,719	-0,085	0,274
CHR18	2532079	CHR18:2532079	SSF x Far_LoA	-9,664	-0,076	0,284
CHR18	2536344	CHR18:2536344	SSF x Far_LoA	-8,856	0,134	0,294
CHR18	2547255	CHR18:2547255	SSF x Far_LoA	-10,367	-0,010	0,288
CHR18	2547272	CHR18:2547272	SSF x Far_LoA	-10,722	0,012	0,281
CHR18	2547472	CHR18:2547472	SSF x Far_LoA	-7,627	0,014	0,278
CHR18	2547516	CHR18:2547516	SSF x Far_LoA	-7,593	-0,137	0,280
CHR18	2552860	CHR18:2552860	SSF x Far_LoA	-8,919	0,006	0,302
CHR18	2552955	CHR18:2552955	SSF x Far_LoA	-5,841	-0,127	0,280
CHR18	2552980	CHR18:2552980	SSF x Far_LoA	-9,089	0,110	0,292
CHR18	2552991	CHR18:2552991	SSF x Far_LoA	-8,459	0,061	0,284
CHR18	2564169	CHR18:2564169	SSF x Far_LoA	-3,619	0,139	0,304
CHR18	2564230	CHR18:2564230	SSF x Far_LoA	-5,423	-0,194	0,266
CHR18	2564308	CHR18:2564308	SSF x Far_LoA	-4,819	-0,132	0,288
CHR18	2564423	CHR18:2564423	SSF x Far_LoA	-6,764	-0,146	0,298
CHR18	2564424	CHR18:2564424	SSF x Far_LoA	-11,086	0,003	0,286
CHR18	2564458	CHR18:2564458	SSF x Far_LoA	-11,083	-0,030	0,270
CHR18	2578774	CHR18:2578774	SSF x Far_LoA	-7,380	0,155	0,284
CHR18	2578845	CHR18:2578845	SSF x Far_LoA	-9,311	-0,018	0,305
CHR18	2578904	CHR18:2578904	SSF x Far_LoA	-10,110	-0,008	0,303
CHR18	2590630	CHR18:2590630	SSF x Far_LoA	-7,842	0,024	0,307
CHR18	2590680	CHR18:2590680	SSF x Far_LoA	-10,485	-0,110	0,273

CHR18	2590686	CHR18:2590686	SSF x Far_LoA	-7,008	-0,114	0,297
CHR18	2590798	CHR18:2590798	SSF x Far_LoA	-5,427	-0,176	0,295
CHR18	2590815	CHR18:2590815	SSF x Far_LoA	-10,751	0,059	0,287
CHR18	2641205	CHR18:2641205	SSF x Far_LoA	-7,278	-0,093	0,284
CHR18	2641260	CHR18:2641260	SSF x Far_LoA	-10,498	-0,019	0,288
CHR18	2650805	CHR18:2650805	SSF x Far_LoA	-9,342	-0,060	0,291
CHR18	2650815	CHR18:2650815	SSF x Far_LoA	-10,516	-0,098	0,296
CHR18	2650917	CHR18:2650917	SSF x Far_LoA	-8,178	0,076	0,298
CHR18	2650972	CHR18:2650972	SSF x Far_LoA	-5,872	0,110	0,292
CHR18	2650990	CHR18:2650990	SSF x Far_LoA	-6,932	-0,022	0,293
CHR18	2651021	CHR18:2651021	SSF x Far_LoA	-10,478	-0,010	0,297
CHR18	2653030	CHR18:2653030	SSF x Far_LoA	-9,945	-0,034	0,302
CHR18	2658962	CHR18:2658962	SSF x Far_LoA	-10,918	0,069	0,283
CHR18	2666711	CHR18:2666711	SSF x Far_LoA	-8,420	-0,127	0,289
CHR18	2666716	CHR18:2666716	SSF x Far_LoA	-10,745	-0,091	0,289
CHR18	2666839	CHR18:2666839	SSF x Far_LoA	-8,935	-0,019	0,292
CHR18	2674075	CHR18:2674075	SSF x Far_LoA	-4,790	-0,116	0,298
CHR18	2677826	CHR18:2677826	SSF x Far_LoA	-7,379	0,031	0,285
CHR18	2679153	CHR18:2679153	SSF x Far_LoA	-8,692	0,013	0,293
CHR18	2679155	CHR18:2679155	SSF x Far_LoA	-11,402	0,027	0,293
CHR18	2679181	CHR18:2679181	SSF x Far_LoA	-4,015	-0,088	0,288
CHR18	2679217	CHR18:2679217	SSF x Far_LoA	-8,473	0,092	0,293
CHR18	2679294	CHR18:2679294	SSF x Far_LoA	-11,633	-0,083	0,286
CHR18	2679304	CHR18:2679304	SSF x Far_LoA	-11,368	-0,087	0,287
CHR18	2689614	CHR18:2689614	SSF x Far_LoA	-10,588	-0,020	0,275
CHR18	2689841	CHR18:2689841	SSF x Far_LoA	-8,569	-0,103	0,294
CHR18	2705846	CHR18:2705846	SSF x Far_LoA	-9,905	0,094	0,289
CHR18	2705912	CHR18:2705912	SSF x Far_LoA	-11,118	-0,050	0,306
CHR18	2705933	CHR18:2705933	SSF x Far_LoA	-7,606	-0,104	0,298
CHR18	2707076	CHR18:2707076	SSF x Far_LoA	-8,589	0,017	0,284
CHR18	2707079	CHR18:2707079	SSF x Far_LoA	-7,383	0,036	0,281
CHR18	2707119	CHR18:2707119	SSF x Far_LoA	-8,085	0,007	0,282
CHR18	2707123	CHR18:2707123	SSF x Far_LoA	-8,395	0,009	0,292
CHR18	2707137	CHR18:2707137	SSF x Far_LoA	-9,445	-0,007	0,284
CHR18	2708661	CHR18:2708661	SSF x Far_LoA	-7,380	0,160	0,312
CHR18	2714259	CHR18:2714259	SSF x Far_LoA	-9,053	0,003	0,290
CHR18	2718152	CHR18:2718152	SSF x Far_LoA	-9,486	0,002	0,286
CHR18	2736241	CHR18:2736241	SSF x Far_LoA	-11,536	-0,011	0,294
CHR18	2736548	CHR18:2736548	SSF x Far_LoA	-4,503	-0,084	0,289
CHR18	2745734	CHR18:2745734	SSF x Far_LoA	-6,476	-0,034	0,303
CHR18	2745742	CHR18:2745742	SSF x Far_LoA	-10,582	0,084	0,299
CHR18	2745748	CHR18:2745748	SSF x Far_LoA	-9,140	-0,057	0,299
CHR18	2745803	CHR18:2745803	SSF x Far_LoA	-8,929	-0,073	0,279
CHR18	2745943	CHR18:2745943	SSF x Far_LoA	-9,105	-0,101	0,309
CHR18	2746050	CHR18:2746050	SSF x Far_LoA	-11,067	-0,011	0,302
CHR18	2754150	CHR18:2754150	SSF x Far_LoA	-7,429	-0,164	0,273
CHR18	2754447	CHR18:2754447	SSF x Far_LoA	-9,264	-0,045	0,287
CHR18	2779622	CHR18:2779622	SSF x Far_LoA	-8,640	-0,073	0,292
CHR18	2779868	CHR18:2779868	SSF x Far_LoA	-11,491	-0,002	0,279
CHR18	2779916	CHR18:2779916	SSF x Far_LoA	-9,605	0,031	0,295
CHR18	2779976	CHR18:2779976	SSF x Far_LoA	-7,173	0,016	0,290
CHR18	2780013	CHR18:2780013	SSF x Far_LoA	-8,754	0,001	0,308
CHR18	2783522	CHR18:2783522	SSF x Far_LoA	-9,780	0,029	0,290

CHR18	2783589	CHR18:2783589	SSF x Far_LoA	-10,978	0,008	0,298
CHR18	2802562	CHR18:2802562	SSF x Far_LoA	-9,214	0,039	0,281
CHR18	2802822	CHR18:2802822	SSF x Far_LoA	-5,612	-0,055	0,305
CHR18	2810994	CHR18:2810994	SSF x Far_LoA	-10,201	0,038	0,292
CHR18	2817375	CHR18:2817375	SSF x Far_LoA	-8,457	-0,096	0,272
CHR18	2817446	CHR18:2817446	SSF x Far_LoA	-6,490	0,158	0,282
CHR18	2817449	CHR18:2817449	SSF x Far_LoA	-4,278	-0,028	0,290
CHR18	2817456	CHR18:2817456	SSF x Far_LoA	-8,908	0,153	0,273
CHR18	2817686	CHR18:2817686	SSF x Far_LoA	-11,477	0,015	0,288
CHR18	2817704	CHR18:2817704	SSF x Far_LoA	-11,369	0,082	0,295
CHR18	2820480	CHR18:2820480	SSF x Far_LoA	-9,826	-0,007	0,302
CHR18	2820511	CHR18:2820511	SSF x Far_LoA	-10,050	0,017	0,276
CHR18	2820522	CHR18:2820522	SSF x Far_LoA	-8,871	0,038	0,291
CHR18	2820558	CHR18:2820558	SSF x Far_LoA	-7,478	0,080	0,305
CHR18	2820568	CHR18:2820568	SSF x Far_LoA	-9,253	-0,011	0,308
CHR18	2820619	CHR18:2820619	SSF x Far_LoA	-12,180	0,047	0,281
CHR18	2836405	CHR18:2836405	SSF x Far_LoA	-11,237	0,000	0,296
CHR18	2836600	CHR18:2836600	SSF x Far_LoA	-7,044	0,075	0,293
CHR18	2841996	CHR18:2841996	SSF x Far_LoA	-9,861	0,002	0,285
CHR18	2842028	CHR18:2842028	SSF x Far_LoA	-6,141	0,029	0,285
CHR18	2842158	CHR18:2842158	SSF x Far_LoA	-9,886	-0,022	0,300
CHR18	2846322	CHR18:2846322	SSF x Far_LoA	-7,973	-0,054	0,300
CHR18	2846361	CHR18:2846361	SSF x Far_LoA	-9,922	0,095	0,282
CHR18	2846496	CHR18:2846496	SSF x Far_LoA	-3,755	-0,075	0,286
CHR18	2852024	CHR18:2852024	SSF x Far_LoA	-10,018	0,032	0,282
CHR18	2852282	CHR18:2852282	SSF x Far_LoA	-8,145	0,129	0,292
CHR18	2852398	CHR18:2852398	SSF x Far_LoA	-9,132	-0,025	0,292
CHR18	2852406	CHR18:2852406	SSF x Far_LoA	-9,116	0,040	0,292
CHR18	2861326	CHR18:2861326	SSF x Far_LoA	-6,552	0,084	0,275
CHR18	2861348	CHR18:2861348	SSF x Far_LoA	-7,178	0,082	0,268
CHR18	2861405	CHR18:2861405	SSF x Far_LoA	-8,787	-0,115	0,294
CHR18	2861438	CHR18:2861438	SSF x Far_LoA	-9,013	0,089	0,281
CHR18	2861464	CHR18:2861464	SSF x Far_LoA	-8,090	0,043	0,284
CHR18	2867912	CHR18:2867912	SSF x Far_LoA	-10,229	0,014	0,295
CHR18	2868151	CHR18:2868151	SSF x Far_LoA	-12,338	-0,021	0,287
CHR18	2868244	CHR18:2868244	SSF x Far_LoA	-10,974	0,021	0,290
CHR18	2884949	CHR18:2884949	SSF x Far_LoA	-9,946	0,092	0,271
CHR18	2887378	CHR18:2887378	SSF x Far_LoA	-7,651	-0,010	0,296
CHR18	2887452	CHR18:2887452	SSF x Far_LoA	-9,454	-0,014	0,280
CHR18	2887503	CHR18:2887503	SSF x Far_LoA	-10,697	-0,032	0,308
CHR18	2889912	CHR18:2889912	SSF x Far_LoA	-10,670	-0,070	0,284
CHR18	2889957	CHR18:2889957	SSF x Far_LoA	-9,178	0,067	0,284
CHR18	2889975	CHR18:2889975	SSF x Far_LoA	-11,419	-0,019	0,286
CHR18	2890001	CHR18:2890001	SSF x Far_LoA	3,173	0,105	0,295
CHR18	2890062	CHR18:2890062	SSF x Far_LoA	-5,939	0,183	0,294
CHR18	2916602	CHR18:2916602	SSF x Far_LoA	-9,271	0,007	0,299
CHR18	2916719	CHR18:2916719	SSF x Far_LoA	-7,310	-0,186	0,280
CHR18	2920836	CHR18:2920836	SSF x Far_LoA	-7,907	-0,183	0,280
CHR18	2920948	CHR18:2920948	SSF x Far_LoA	-10,926	-0,074	0,273
CHR18	2921047	CHR18:2921047	SSF x Far_LoA	-10,095	0,043	0,296
CHR18	2921073	CHR18:2921073	SSF x Far_LoA	-8,570	-0,095	0,282
CHR18	2943361	CHR18:2943361	SSF x Far_LoA	-7,383	-0,005	0,276
CHR18	2952385	CHR18:2952385	SSF x Far_LoA	-9,057	0,004	0,288

CHR18	2952575	CHR18:2952575	SSF x Far_LoA	-6,080	-0,100	0,289
CHR18	2952708	CHR18:2952708	SSF x Far_LoA	-11,027	-0,066	0,285
CHR18	2980845	CHR18:2980845	SSF x Far_LoA	-8,609	-0,071	0,294
CHR18	2980846	CHR18:2980846	SSF x Far_LoA	-9,014	-0,054	0,296
CHR18	2980924	CHR18:2980924	SSF x Far_LoA	-6,477	-0,146	0,293
CHR18	2981585	CHR18:2981585	SSF x Far_LoA	-9,116	-0,080	0,297
CHR18	2981781	CHR18:2981781	SSF x Far_LoA	-4,520	-0,239	0,281
CHR18	3010693	CHR18:3010693	SSF x Far_LoA	-12,021	0,052	0,280
CHR18	3010772	CHR18:3010772	SSF x Far_LoA	-1,113	0,059	0,285
CHR18	3010789	CHR18:3010789	SSF x Far_LoA	-9,342	0,055	0,284
CHR18	3025945	CHR18:3025945	SSF x Far_LoA	-10,564	0,013	0,296
CHR18	3026048	CHR18:3026048	SSF x Far_LoA	-8,309	0,035	0,293
CHR18	3026101	CHR18:3026101	SSF x Far_LoA	-9,066	0,059	0,293
CHR18	3026108	CHR18:3026108	SSF x Far_LoA	-8,267	0,020	0,310
CHR18	3026116	CHR18:3026116	SSF x Far_LoA	-9,522	-0,039	0,282
CHR18	3034054	CHR18:3034054	SSF x Far_LoA	-9,432	-0,011	0,297
CHR18	3034079	CHR18:3034079	SSF x Far_LoA	-8,601	0,005	0,285
CHR18	3034117	CHR18:3034117	SSF x Far_LoA	-11,342	0,002	0,292
CHR18	3034119	CHR18:3034119	SSF x Far_LoA	-10,309	-0,011	0,294
CHR18	3034186	CHR18:3034186	SSF x Far_LoA	-8,218	-0,002	0,296
CHR18	3034260	CHR18:3034260	SSF x Far_LoA	-10,572	-0,126	0,289
CHR18	3053340	CHR18:3053340	SSF x Far_LoA	-9,000	-0,012	0,303
CHR18	3053351	CHR18:3053351	SSF x Far_LoA	-7,151	-0,027	0,307
CHR18	3053362	CHR18:3053362	SSF x Far_LoA	-5,252	-0,081	0,296
CHR18	3053383	CHR18:3053383	SSF x Far_LoA	-9,172	-0,035	0,299
CHR18	3053401	CHR18:3053401	SSF x Far_LoA	-7,614	-0,021	0,285
CHR18	3053405	CHR18:3053405	SSF x Far_LoA	-5,557	-0,021	0,300
CHR18	3053407	CHR18:3053407	SSF x Far_LoA	-7,802	-0,039	0,306
CHR18	3053460	CHR18:3053460	SSF x Far_LoA	-11,187	-0,031	0,293
CHR18	3073181	CHR18:3073181	SSF x Far_LoA	-8,780	0,036	0,289
CHR18	3073215	CHR18:3073215	SSF x Far_LoA	-8,017	0,145	0,293
CHR18	3073217	CHR18:3073217	SSF x Far_LoA	-8,368	0,167	0,282
CHR18	3073228	CHR18:3073228	SSF x Far_LoA	-11,270	0,049	0,285
CHR18	3080718	CHR18:3080718	SSF x Far_LoA	-10,873	0,065	0,290
CHR18	3108842	CHR18:3108842	SSF x Far_LoA	-11,240	0,082	0,297
CHR18	3108896	CHR18:3108896	SSF x Far_LoA	-8,993	-0,054	0,274
CHR18	3124546	CHR18:3124546	SSF x Far_LoA	-10,201	-0,095	0,296
CHR18	3124621	CHR18:3124621	SSF x Far_LoA	-9,700	0,047	0,297
CHR18	3124717	CHR18:3124717	SSF x Far_LoA	-9,437	-0,012	0,292
CHR18	3143253	CHR18:3143253	SSF x Far_LoA	-6,134	-0,037	0,305
CHR18	3148060	CHR18:3148060	SSF x Far_LoA	-11,479	0,048	0,295
CHR18	3148153	CHR18:3148153	SSF x Far_LoA	-8,865	0,016	0,292
CHR18	3153320	CHR18:3153320	SSF x Far_LoA	-7,655	0,070	0,294
CHR18	3153334	CHR18:3153334	SSF x Far_LoA	-11,788	0,050	0,290
CHR18	3153348	CHR18:3153348	SSF x Far_LoA	-11,366	0,055	0,304
CHR18	3153371	CHR18:3153371	SSF x Far_LoA	-11,791	0,074	0,283
CHR18	3153385	CHR18:3153385	SSF x Far_LoA	-8,372	-0,022	0,305
CHR18	3153446	CHR18:3153446	SSF x Far_LoA	-10,778	0,031	0,285
CHR18	3153455	CHR18:3153455	SSF x Far_LoA	-9,995	0,015	0,284
CHR18	3153471	CHR18:3153471	SSF x Far_LoA	-10,295	0,030	0,295
CHR18	3153478	CHR18:3153478	SSF x Far_LoA	-9,926	-0,013	0,288
CHR18	3153534	CHR18:3153534	SSF x Far_LoA	-11,063	0,031	0,287
CHR18	3153565	CHR18:3153565	SSF x Far_LoA	-10,998	-0,018	0,286

CHR18	3170803	CHR18:3170803	SSF x Far_LoA	-10,551	-0,088	0,276
CHR18	3170850	CHR18:3170850	SSF x Far_LoA	-10,055	0,044	0,285
CHR18	3175826	CHR18:3175826	SSF x Far_LoA	-11,070	0,088	0,284
CHR18	3175868	CHR18:3175868	SSF x Far_LoA	-9,865	-0,098	0,292
CHR18	3175872	CHR18:3175872	SSF x Far_LoA	-8,005	0,169	0,273
CHR18	3175981	CHR18:3175981	SSF x Far_LoA	-6,925	0,248	0,281
CHR18	3180477	CHR18:3180477	SSF x Far_LoA	-7,469	-0,142	0,293
CHR18	3183528	CHR18:3183528	SSF x Far_LoA	-6,735	-0,142	0,279
CHR18	3189896	CHR18:3189896	SSF x Far_LoA	-10,507	-0,068	0,296
CHR18	3192325	CHR18:3192325	SSF x Far_LoA	-2,967	-0,163	0,278
CHR18	3192326	CHR18:3192326	SSF x Far_LoA	-8,053	-0,159	0,273
CHR18	3192502	CHR18:3192502	SSF x Far_LoA	-4,200	-0,165	0,284
CHR18	3199922	CHR18:3199922	SSF x Far_LoA	-7,641	-0,103	0,291
CHR18	3200127	CHR18:3200127	SSF x Far_LoA	-12,306	-0,023	0,279
CHR18	3203675	CHR18:3203675	SSF x Far_LoA	-9,548	-0,139	0,296
CHR18	3203701	CHR18:3203701	SSF x Far_LoA	-9,783	0,012	0,304
CHR18	3203824	CHR18:3203824	SSF x Far_LoA	-5,124	-0,071	0,298
CHR18	3214972	CHR18:3214972	SSF x Far_LoA	-10,718	-0,043	0,277
CHR18	3220120	CHR18:3220120	SSF x Far_LoA	-10,634	0,014	0,289
CHR18	3220252	CHR18:3220252	SSF x Far_LoA	-8,145	-0,041	0,298
CHR18	3236389	CHR18:3236389	SSF x Far_LoA	-7,900	0,099	0,289
CHR18	3275492	CHR18:3275492	SSF x Far_LoA	-11,153	0,035	0,291
CHR18	3286107	CHR18:3286107	SSF x Far_LoA	-8,192	-0,137	0,291
CHR18	3307425	CHR18:3307425	SSF x Far_LoA	-7,861	-0,058	0,315
CHR18	3307535	CHR18:3307535	SSF x Far_LoA	-6,921	0,154	0,282
CHR18	3311212	CHR18:3311212	SSF x Far_LoA	-9,479	0,077	0,299
CHR18	3326389	CHR18:3326389	SSF x Far_LoA	-10,081	-0,017	0,280
CHR18	3326460	CHR18:3326460	SSF x Far_LoA	-8,907	0,032	0,294
CHR18	3326522	CHR18:3326522	SSF x Far_LoA	-8,482	-0,100	0,279
CHR18	3326537	CHR18:3326537	SSF x Far_LoA	-9,315	-0,123	0,283
CHR18	3326542	CHR18:3326542	SSF x Far_LoA	-5,667	-0,124	0,297
CHR18	3326555	CHR18:3326555	SSF x Far_LoA	-8,151	-0,102	0,302
CHR18	3326564	CHR18:3326564	SSF x Far_LoA	-8,767	-0,136	0,296
CHR18	3326620	CHR18:3326620	SSF x Far_LoA	-1,484	-0,222	0,289
CHR18	3326632	CHR18:3326632	SSF x Far_LoA	-10,608	0,017	0,305
CHR18	3326633	CHR18:3326633	SSF x Far_LoA	-6,260	-0,191	0,292
CHR18	3326639	CHR18:3326639	SSF x Far_LoA	-6,299	-0,194	0,275
CHR18	3326643	CHR18:3326643	SSF x Far_LoA	-10,013	-0,039	0,300
CHR18	3326681	CHR18:3326681	SSF x Far_LoA	-10,262	-0,098	0,272
CHR18	3326708	CHR18:3326708	SSF x Far_LoA	-11,181	0,009	0,296
CHR18	3326720	CHR18:3326720	SSF x Far_LoA	-9,386	0,051	0,272
CHR18	3340031	CHR18:3340031	SSF x Far_LoA	-8,507	0,104	0,287
CHR18	3340117	CHR18:3340117	SSF x Far_LoA	-8,372	0,104	0,270
CHR18	3340162	CHR18:3340162	SSF x Far_LoA	-6,989	0,148	0,270
CHR18	3340168	CHR18:3340168	SSF x Far_LoA	-9,610	-0,112	0,285
CHR18	3340181	CHR18:3340181	SSF x Far_LoA	-9,969	0,086	0,266
CHR18	3340242	CHR18:3340242	SSF x Far_LoA	-10,874	-0,034	0,271
CHR18	3340306	CHR18:3340306	SSF x Far_LoA	-11,283	-0,060	0,297
CHR18	3343797	CHR18:3343797	SSF x Far_LoA	-8,306	0,010	0,317
CHR18	3357140	CHR18:3357140	SSF x Far_LoA	-10,204	-0,131	0,278
CHR18	3365761	CHR18:3365761	SSF x Far_LoA	-11,786	0,059	0,291
CHR18	3365770	CHR18:3365770	SSF x Far_LoA	-8,899	-0,066	0,280
CHR18	3367080	CHR18:3367080	SSF x Far_LoA	-11,472	0,078	0,295

CHR18	3367264	CHR18:3367264	SSF x Far_LoA	-11,446	0,109	0,287
CHR18	3369032	CHR18:3369032	SSF x Far_LoA	-4,181	0,029	0,290
CHR18	3376029	CHR18:3376029	SSF x Far_LoA	-9,553	0,002	0,290
CHR18	3376031	CHR18:3376031	SSF x Far_LoA	-10,034	-0,004	0,283
CHR18	3391188	CHR18:3391188	SSF x Far_LoA	-9,991	-0,187	0,279
CHR18	3411631	CHR18:3411631	SSF x Far_LoA	-7,352	0,095	0,298
CHR18	3411668	CHR18:3411668	SSF x Far_LoA	-3,677	-0,061	0,282
CHR18	3411685	CHR18:3411685	SSF x Far_LoA	-8,289	0,114	0,287
CHR18	3411717	CHR18:3411717	SSF x Far_LoA	-8,534	0,061	0,291
CHR18	3411734	CHR18:3411734	SSF x Far_LoA	-8,765	-0,046	0,277
CHR18	3411777	CHR18:3411777	SSF x Far_LoA	-8,297	-0,042	0,287
CHR18	3411792	CHR18:3411792	SSF x Far_LoA	-9,279	0,105	0,299
CHR18	3411815	CHR18:3411815	SSF x Far_LoA	-8,025	-0,002	0,289
CHR18	3411894	CHR18:3411894	SSF x Far_LoA	-9,218	0,020	0,277
CHR18	3435556	CHR18:3435556	SSF x Far_LoA	-11,641	0,075	0,275
CHR18	3444242	CHR18:3444242	SSF x Far_LoA	-10,099	-0,055	0,291
CHR18	3452166	CHR18:3452166	SSF x Far_LoA	-10,192	-0,017	0,295
CHR18	3452930	CHR18:3452930	SSF x Far_LoA	-10,240	0,012	0,286
CHR18	3452935	CHR18:3452935	SSF x Far_LoA	-8,518	0,109	0,278
CHR18	3452939	CHR18:3452939	SSF x Far_LoA	-6,905	0,131	0,283
CHR18	3452974	CHR18:3452974	SSF x Far_LoA	-8,296	0,098	0,296
CHR18	3452975	CHR18:3452975	SSF x Far_LoA	-6,836	0,073	0,284
CHR18	3452985	CHR18:3452985	SSF x Far_LoA	-7,462	-0,124	0,286
CHR18	3452998	CHR18:3452998	SSF x Far_LoA	-6,300	0,107	0,278
CHR18	3466098	CHR18:3466098	SSF x Far_LoA	-2,928	-0,262	0,259
CHR18	3466173	CHR18:3466173	SSF x Far_LoA	-8,520	0,036	0,287
CHR18	3466220	CHR18:3466220	SSF x Far_LoA	-1,530	0,200	0,259
CHR18	3466253	CHR18:3466253	SSF x Far_LoA	-8,010	-0,196	0,283
CHR18	3466268	CHR18:3466268	SSF x Far_LoA	-8,200	-0,099	0,274
CHR18	3466279	CHR18:3466279	SSF x Far_LoA	-6,952	0,171	0,283
CHR18	3466317	CHR18:3466317	SSF x Far_LoA	-4,973	0,178	0,282
CHR18	3466355	CHR18:3466355	SSF x Far_LoA	-10,062	0,035	0,286
CHR18	3473884	CHR18:3473884	SSF x Far_LoA	-8,868	0,028	0,289
CHR18	3473899	CHR18:3473899	SSF x Far_LoA	-8,269	-0,075	0,276
CHR18	3473968	CHR18:3473968	SSF x Far_LoA	-7,570	-0,050	0,289
CHR18	3473989	CHR18:3473989	SSF x Far_LoA	-8,613	0,005	0,301
CHR18	3474030	CHR18:3474030	SSF x Far_LoA	-9,445	0,016	0,294
CHR18	3474068	CHR18:3474068	SSF x Far_LoA	-7,952	-0,008	0,294
CHR18	3475588	CHR18:3475588	SSF x Far_LoA	-10,187	-0,039	0,292
CHR18	3475611	CHR18:3475611	SSF x Far_LoA	-6,098	-0,008	0,288
CHR18	3475824	CHR18:3475824	SSF x Far_LoA	-9,779	-0,145	0,281
CHR18	3475890	CHR18:3475890	SSF x Far_LoA	-8,217	0,121	0,284
CHR18	3475892	CHR18:3475892	SSF x Far_LoA	-10,570	0,036	0,276
CHR18	3475904	CHR18:3475904	SSF x Far_LoA	-9,644	0,038	0,279
CHR18	3475917	CHR18:3475917	SSF x Far_LoA	-9,910	0,156	0,284
CHR18	3475923	CHR18:3475923	SSF x Far_LoA	-7,332	0,117	0,271
CHR18	3477663	CHR18:3477663	SSF x Far_LoA	-10,127	-0,098	0,286
CHR18	3477689	CHR18:3477689	SSF x Far_LoA	-4,779	-0,093	0,300
CHR18	3477697	CHR18:3477697	SSF x Far_LoA	-10,833	0,036	0,295
CHR18	3477709	CHR18:3477709	SSF x Far_LoA	-10,935	0,049	0,287
CHR18	3477710	CHR18:3477710	SSF x Far_LoA	-10,240	-0,108	0,275
CHR18	3477711	CHR18:3477711	SSF x Far_LoA	-11,302	0,057	0,294
CHR18	3489017	CHR18:3489017	SSF x Far_LoA	-3,756	-0,049	0,300

CHR18	3489059	CHR18:3489059	SSF x Far_LoA	-9,176	-0,061	0,292
CHR18	3505923	CHR18:3505923	SSF x Far_LoA	-11,682	0,003	0,281
CHR18	3505962	CHR18:3505962	SSF x Far_LoA	-11,645	0,009	0,292
CHR18	3512354	CHR18:3512354	SSF x Far_LoA	-7,685	-0,030	0,284
CHR18	3512371	CHR18:3512371	SSF x Far_LoA	-9,628	0,008	0,288
CHR18	3520205	CHR18:3520205	SSF x Far_LoA	-11,086	0,030	0,302
CHR18	3520213	CHR18:3520213	SSF x Far_LoA	-7,183	0,062	0,296
CHR18	3520305	CHR18:3520305	SSF x Far_LoA	-11,289	0,078	0,289
CHR18	3520348	CHR18:3520348	SSF x Far_LoA	-7,910	0,068	0,287
CHR18	3524203	CHR18:3524203	SSF x Far_LoA	-9,271	0,071	0,279
CHR18	3524365	CHR18:3524365	SSF x Far_LoA	-12,643	0,040	0,274
CHR18	3532186	CHR18:3532186	SSF x Far_LoA	-7,848	0,006	0,303
CHR18	3532267	CHR18:3532267	SSF x Far_LoA	-4,714	0,148	0,285
CHR18	3532330	CHR18:3532330	SSF x Far_LoA	-8,428	0,144	0,274
CHR18	3532429	CHR18:3532429	SSF x Far_LoA	-9,430	0,069	0,279
CHR18	3532567	CHR18:3532567	SSF x Far_LoA	-10,375	0,096	0,299
CHR18	3532577	CHR18:3532577	SSF x Far_LoA	-9,804	0,082	0,277
CHR18	3547854	CHR18:3547854	SSF x Far_LoA	-10,630	-0,011	0,296
CHR18	3552366	CHR18:3552366	SSF x Far_LoA	-9,687	0,093	0,290
CHR18	3552370	CHR18:3552370	SSF x Far_LoA	-6,768	0,124	0,289
CHR18	3552404	CHR18:3552404	SSF x Far_LoA	-8,342	0,094	0,288
CHR18	3552437	CHR18:3552437	SSF x Far_LoA	-9,422	-0,005	0,292
CHR18	3552460	CHR18:3552460	SSF x Far_LoA	-8,791	-0,064	0,291
CHR18	3563920	CHR18:3563920	SSF x Far_LoA	-8,895	0,068	0,297
CHR18	3563987	CHR18:3563987	SSF x Far_LoA	-10,369	0,005	0,284
CHR18	3564016	CHR18:3564016	SSF x Far_LoA	-8,011	-0,018	0,293
CHR18	3564038	CHR18:3564038	SSF x Far_LoA	-10,010	0,002	0,290
CHR18	3564086	CHR18:3564086	SSF x Far_LoA	-8,195	0,031	0,280
CHR18	3564109	CHR18:3564109	SSF x Far_LoA	-8,742	0,104	0,274
CHR18	3571050	CHR18:3571050	SSF x Far_LoA	-9,399	-0,007	0,296
CHR18	3617532	CHR18:3617532	SSF x Far_LoA	-11,045	-0,070	0,293
CHR18	3625324	CHR18:3625324	SSF x Far_LoA	-10,310	-0,076	0,274
CHR18	3643167	CHR18:3643167	SSF x Far_LoA	-9,900	0,114	0,277
CHR18	3653457	CHR18:3653457	SSF x Far_LoA	-9,339	-0,045	0,288
CHR18	3656213	CHR18:3656213	SSF x Far_LoA	-9,483	0,053	0,294
CHR18	3656264	CHR18:3656264	SSF x Far_LoA	-7,041	0,078	0,276
CHR18	3659680	CHR18:3659680	SSF x Far_LoA	-9,070	-0,029	0,290
CHR18	3661296	CHR18:3661296	SSF x Far_LoA	-8,359	-0,050	0,294
CHR18	3664408	CHR18:3664408	SSF x Far_LoA	-10,543	0,147	0,271
CHR18	3669218	CHR18:3669218	SSF x Far_LoA	-8,253	-0,004	0,293
CHR18	3672019	CHR18:3672019	SSF x Far_LoA	-7,861	0,007	0,302
CHR18	3673848	CHR18:3673848	SSF x Far_LoA	-10,374	0,126	0,267
CHR18	3673861	CHR18:3673861	SSF x Far_LoA	-10,793	0,087	0,294
CHR18	3742671	CHR18:3742671	SSF x Far_LoA	-11,061	-0,038	0,276
CHR18	3754570	CHR18:3754570	SSF x Far_LoA	-9,760	0,037	0,301
CHR18	3754692	CHR18:3754692	SSF x Far_LoA	-11,480	0,023	0,297
CHR18	3793286	CHR18:3793286	SSF x Far_LoA	-7,973	-0,086	0,307
CHR18	3803564	CHR18:3803564	SSF x Far_LoA	-10,213	-0,048	0,287
CHR18	3803566	CHR18:3803566	SSF x Far_LoA	-9,547	-0,103	0,294
CHR18	3810057	CHR18:3810057	SSF x Far_LoA	-7,522	-0,096	0,275
CHR18	3892766	CHR18:3892766	SSF x Far_LoA	-11,313	-0,059	0,285
CHR18	3892791	CHR18:3892791	SSF x Far_LoA	-9,796	-0,030	0,286
CHR18	3914845	CHR18:3914845	SSF x Far_LoA	-8,567	-0,209	0,270

CHR18	3918813	CHR18:3918813	SSF x Far_LoA	-11,394	-0,013	0,292
CHR18	3925223	CHR18:3925223	SSF x Far_LoA	-8,723	0,011	0,305
CHR18	4108101	CHR18:4108101	SSF x Far_LoA	-7,250	0,007	0,302
CHR18	4108333	CHR18:4108333	SSF x Far_LoA	-8,785	0,129	0,269
CHR18	4133700	CHR18:4133700	SSF x Far_LoA	-10,839	-0,044	0,284
CHR18	4165899	CHR18:4165899	SSF x Far_LoA	-5,144	0,028	0,299
CHR18	4176033	CHR18:4176033	SSF x Far_LoA	-6,574	-0,068	0,292
CHR18	4199568	CHR18:4199568	SSF x Far_LoA	-8,299	0,037	0,283
CHR18	4200189	CHR18:4200189	SSF x Far_LoA	-8,585	0,088	0,294
CHR18	4200190	CHR18:4200190	SSF x Far_LoA	-8,358	-0,046	0,297
CHR18	4200207	CHR18:4200207	SSF x Far_LoA	-5,879	-0,038	0,297
CHR18	4200296	CHR18:4200296	SSF x Far_LoA	-10,948	0,071	0,292
CHR18	4203336	CHR18:4203336	SSF x Far_LoA	-11,668	0,010	0,295
CHR18	4203438	CHR18:4203438	SSF x Far_LoA	-8,290	-0,101	0,285
CHR18	4207998	CHR18:4207998	SSF x Far_LoA	-7,762	0,057	0,298
CHR18	4208278	CHR18:4208278	SSF x Far_LoA	-9,506	0,050	0,304
CHR18	4224994	CHR18:4224994	SSF x Far_LoA	-10,725	-0,029	0,311
CHR18	4225054	CHR18:4225054	SSF x Far_LoA	-9,543	0,017	0,295
CHR18	4228276	CHR18:4228276	SSF x Far_LoA	-10,365	0,046	0,294
CHR18	4229437	CHR18:4229437	SSF x Far_LoA	-5,243	0,146	0,293
CHR18	4229563	CHR18:4229563	SSF x Far_LoA	-7,395	0,074	0,287
CHR18	4241231	CHR18:4241231	SSF x Far_LoA	-10,698	0,032	0,300
CHR18	4241295	CHR18:4241295	SSF x Far_LoA	-11,303	-0,057	0,305
CHR18	4241322	CHR18:4241322	SSF x Far_LoA	-9,158	0,048	0,281
CHR18	4241367	CHR18:4241367	SSF x Far_LoA	-10,944	-0,013	0,280
CHR18	4241404	CHR18:4241404	SSF x Far_LoA	-10,912	0,069	0,299
CHR18	4266427	CHR18:4266427	SSF x Far_LoA	-10,085	-0,001	0,283
CHR18	4266557	CHR18:4266557	SSF x Far_LoA	-8,603	-0,052	0,301
CHR18	4268200	CHR18:4268200	SSF x Far_LoA	-7,497	0,080	0,287
CHR18	4268317	CHR18:4268317	SSF x Far_LoA	-9,764	0,044	0,292
CHR18	4268344	CHR18:4268344	SSF x Far_LoA	-9,606	0,035	0,294
CHR18	4305792	CHR18:4305792	SSF x Far_LoA	-7,084	0,079	0,289
CHR18	4306000	CHR18:4306000	SSF x Far_LoA	-11,253	0,027	0,293
CHR18	4319893	CHR18:4319893	SSF x Far_LoA	-8,687	0,023	0,289
CHR18	4319899	CHR18:4319899	SSF x Far_LoA	-6,810	0,011	0,308
CHR18	4319965	CHR18:4319965	SSF x Far_LoA	-8,915	0,003	0,277
CHR18	4320056	CHR18:4320056	SSF x Far_LoA	-8,341	0,003	0,290
CHR18	4335537	CHR18:4335537	SSF x Far_LoA	-9,718	0,031	0,289
CHR18	4335723	CHR18:4335723	SSF x Far_LoA	-8,317	0,095	0,303
CHR18	4335754	CHR18:4335754	SSF x Far_LoA	-11,145	-0,045	0,292
CHR18	4348308	CHR18:4348308	SSF x Far_LoA	-6,982	0,165	0,290
CHR18	4375254	CHR18:4375254	SSF x Far_LoA	-8,976	0,128	0,282
CHR18	4375261	CHR18:4375261	SSF x Far_LoA	-7,933	-0,035	0,287
CHR18	4375264	CHR18:4375264	SSF x Far_LoA	-9,748	0,135	0,295
CHR18	4375271	CHR18:4375271	SSF x Far_LoA	-9,117	0,145	0,287
CHR18	4375281	CHR18:4375281	SSF x Far_LoA	-8,295	0,158	0,286
CHR18	4375322	CHR18:4375322	SSF x Far_LoA	-8,085	0,122	0,292
CHR18	4375351	CHR18:4375351	SSF x Far_LoA	-6,926	0,178	0,274
CHR18	4375409	CHR18:4375409	SSF x Far_LoA	-10,270	-0,039	0,299
CHR18	4375449	CHR18:4375449	SSF x Far_LoA	-9,797	0,059	0,290
CHR18	4383152	CHR18:4383152	SSF x Far_LoA	-9,729	0,053	0,289
CHR18	4383195	CHR18:4383195	SSF x Far_LoA	-8,080	0,106	0,296
CHR18	4385040	CHR18:4385040	SSF x Far_LoA	-8,033	0,133	0,284

CHR18	4421187	CHR18:4421187	SSF x Far_LoA	-11,613	-0,088	0,284
CHR18	4428006	CHR18:4428006	SSF x Far_LoA	-8,628	0,076	0,306
CHR18	4463266	CHR18:4463266	SSF x Far_LoA	-9,293	-0,005	0,294
CHR18	4478588	CHR18:4478588	SSF x Far_LoA	-5,683	-0,053	0,288
CHR18	4489768	CHR18:4489768	SSF x Far_LoA	-9,465	0,006	0,295
CHR18	4489919	CHR18:4489919	SSF x Far_LoA	-11,906	-0,082	0,290
CHR18	4499049	CHR18:4499049	SSF x Far_LoA	-9,750	0,012	0,287
CHR18	4501869	CHR18:4501869	SSF x Far_LoA	-8,247	0,138	0,285
CHR18	4516588	CHR18:4516588	SSF x Far_LoA	-10,618	0,031	0,294
CHR18	4539304	CHR18:4539304	SSF x Far_LoA	-9,257	-0,060	0,295
CHR18	4539643	CHR18:4539643	SSF x Far_LoA	-3,154	0,168	0,274
CHR18	4548118	CHR18:4548118	SSF x Far_LoA	-9,577	0,049	0,300
CHR18	4548236	CHR18:4548236	SSF x Far_LoA	-8,663	-0,094	0,292
CHR18	4548237	CHR18:4548237	SSF x Far_LoA	-8,823	0,035	0,295
CHR18	4548273	CHR18:4548273	SSF x Far_LoA	-9,445	-0,050	0,299
CHR18	4586374	CHR18:4586374	SSF x Far_LoA	-6,620	-0,071	0,283
CHR18	4596084	CHR18:4596084	SSF x Far_LoA	-8,724	-0,067	0,282
CHR18	4603297	CHR18:4603297	SSF x Far_LoA	-11,154	0,014	0,286
CHR18	4610538	CHR18:4610538	SSF x Far_LoA	-8,227	-0,179	0,271
CHR18	4610648	CHR18:4610648	SSF x Far_LoA	-10,490	-0,093	0,296
CHR18	4632187	CHR18:4632187	SSF x Far_LoA	-9,136	0,029	0,294
CHR18	4632250	CHR18:4632250	SSF x Far_LoA	-11,390	-0,051	0,305
CHR18	4632339	CHR18:4632339	SSF x Far_LoA	-9,580	-0,069	0,294
CHR18	4632355	CHR18:4632355	SSF x Far_LoA	-7,619	-0,081	0,286
CHR18	4641189	CHR18:4641189	SSF x Far_LoA	-6,404	-0,015	0,287
CHR18	4645008	CHR18:4645008	SSF x Far_LoA	-9,879	0,025	0,297
CHR18	4645009	CHR18:4645009	SSF x Far_LoA	-10,316	0,123	0,291
CHR18	4647831	CHR18:4647831	SSF x Far_LoA	-7,038	-0,148	0,276
CHR18	4647923	CHR18:4647923	SSF x Far_LoA	-8,398	-0,157	0,273
CHR18	4650889	CHR18:4650889	SSF x Far_LoA	-1,162	-0,211	0,291
CHR18	4651766	CHR18:4651766	SSF x Far_LoA	-5,921	-0,043	0,296
CHR18	4660187	CHR18:4660187	SSF x Far_LoA	-11,529	0,056	0,289
CHR18	4676898	CHR18:4676898	SSF x Far_LoA	-9,454	-0,037	0,306
CHR18	4676956	CHR18:4676956	SSF x Far_LoA	-9,359	0,097	0,298
CHR18	4706812	CHR18:4706812	SSF x Far_LoA	-7,557	0,047	0,291
CHR18	4706846	CHR18:4706846	SSF x Far_LoA	-11,083	0,079	0,272
CHR18	4712956	CHR18:4712956	SSF x Far_LoA	-8,737	-0,067	0,278
CHR18	4718647	CHR18:4718647	SSF x Far_LoA	-7,730	-0,058	0,297
CHR18	4763452	CHR18:4763452	SSF x Far_LoA	-11,175	0,039	0,289
CHR18	4763560	CHR18:4763560	SSF x Far_LoA	-9,113	0,118	0,274
CHR18	4788504	CHR18:4788504	SSF x Far_LoA	-6,270	-0,124	0,300
CHR18	4788508	CHR18:4788508	SSF x Far_LoA	-8,670	0,166	0,275
CHR18	4788559	CHR18:4788559	SSF x Far_LoA	-8,397	-0,129	0,276
CHR18	4788659	CHR18:4788659	SSF x Far_LoA	-9,934	0,012	0,282
CHR18	4788703	CHR18:4788703	SSF x Far_LoA	-6,274	0,017	0,287
CHR18	4806483	CHR18:4806483	SSF x Far_LoA	-9,810	-0,039	0,316
CHR18	4814400	CHR18:4814400	SSF x Far_LoA	-8,523	0,106	0,282
CHR18	4816936	CHR18:4816936	SSF x Far_LoA	-9,920	0,079	0,301
CHR18	4816953	CHR18:4816953	SSF x Far_LoA	-10,878	-0,012	0,288
CHR18	4816998	CHR18:4816998	SSF x Far_LoA	-8,760	0,005	0,290
CHR18	4825270	CHR18:4825270	SSF x Far_LoA	-9,561	0,107	0,284
CHR18	4830690	CHR18:4830690	SSF x Far_LoA	-10,389	-0,042	0,301
CHR18	4830702	CHR18:4830702	SSF x Far_LoA	-11,620	-0,008	0,301

CHR18	4830725	CHR18:4830725	SSF x Far_LoA	-10,218	0,030	0,286
CHR18	4836573	CHR18:4836573	SSF x Far_LoA	-7,952	-0,124	0,309
CHR18	4846918	CHR18:4846918	SSF x Far_LoA	-8,800	0,127	0,294
CHR18	4847782	CHR18:4847782	SSF x Far_LoA	-10,066	-0,001	0,286
CHR18	4847920	CHR18:4847920	SSF x Far_LoA	-9,234	0,103	0,287
CHR18	4876869	CHR18:4876869	SSF x Far_LoA	-9,478	-0,133	0,289
CHR18	4876958	CHR18:4876958	SSF x Far_LoA	-8,301	0,019	0,295
CHR18	4876989	CHR18:4876989	SSF x Far_LoA	-7,751	0,030	0,301
CHR18	4877019	CHR18:4877019	SSF x Far_LoA	-8,241	0,036	0,295
CHR18	4877022	CHR18:4877022	SSF x Far_LoA	-9,247	0,025	0,287
CHR18	4877036	CHR18:4877036	SSF x Far_LoA	-9,380	0,016	0,284
CHR18	4892245	CHR18:4892245	SSF x Far_LoA	-8,832	0,052	0,285
CHR18	4892380	CHR18:4892380	SSF x Far_LoA	-5,264	-0,146	0,289
CHR18	4892384	CHR18:4892384	SSF x Far_LoA	-9,660	-0,107	0,301
CHR18	4892425	CHR18:4892425	SSF x Far_LoA	-10,719	-0,109	0,303
CHR18	4906272	CHR18:4906272	SSF x Far_LoA	-10,742	-0,032	0,294
CHR18	4906355	CHR18:4906355	SSF x Far_LoA	-9,045	0,082	0,275
CHR18	4906399	CHR18:4906399	SSF x Far_LoA	-6,327	-0,058	0,277
CHR18	4906462	CHR18:4906462	SSF x Far_LoA	-9,361	-0,079	0,283
CHR18	4926558	CHR18:4926558	SSF x Far_LoA	-7,807	0,080	0,307
CHR18	4926596	CHR18:4926596	SSF x Far_LoA	-7,537	0,041	0,299
CHR18	4931669	CHR18:4931669	SSF x Far_LoA	-7,324	-0,112	0,294
CHR18	4931766	CHR18:4931766	SSF x Far_LoA	-10,116	0,082	0,295
CHR18	4931915	CHR18:4931915	SSF x Far_LoA	-9,093	-0,040	0,291
CHR18	4934195	CHR18:4934195	SSF x Far_LoA	-7,512	-0,078	0,301
CHR18	4934198	CHR18:4934198	SSF x Far_LoA	-6,724	0,098	0,287
CHR18	4934230	CHR18:4934230	SSF x Far_LoA	-8,197	-0,146	0,288
CHR18	4934291	CHR18:4934291	SSF x Far_LoA	-9,757	0,023	0,295
CHR18	4934294	CHR18:4934294	SSF x Far_LoA	-11,923	0,007	0,281
CHR18	4940818	CHR18:4940818	SSF x Far_LoA	-9,708	0,065	0,288
CHR18	4940854	CHR18:4940854	SSF x Far_LoA	-9,549	0,091	0,288
CHR18	4940860	CHR18:4940860	SSF x Far_LoA	-9,108	0,074	0,292
CHR18	4940921	CHR18:4940921	SSF x Far_LoA	-5,858	-0,053	0,294
CHR18	4942396	CHR18:4942396	SSF x Far_LoA	-8,637	0,117	0,267
CHR18	4942432	CHR18:4942432	SSF x Far_LoA	-6,806	0,120	0,274
CHR18	4942455	CHR18:4942455	SSF x Far_LoA	-10,149	0,026	0,286
CHR18	4943794	CHR18:4943794	SSF x Far_LoA	-11,607	0,015	0,285
CHR18	4944403	CHR18:4944403	SSF x Far_LoA	-10,066	0,058	0,290
CHR18	4944460	CHR18:4944460	SSF x Far_LoA	-9,483	0,022	0,285
CHR18	4955122	CHR18:4955122	SSF x Far_LoA	-7,718	0,124	0,303
CHR18	4955124	CHR18:4955124	SSF x Far_LoA	-7,428	0,097	0,292
CHR18	4955131	CHR18:4955131	SSF x Far_LoA	-8,905	-0,048	0,294
CHR18	4955153	CHR18:4955153	SSF x Far_LoA	-9,379	0,101	0,290
CHR18	4955154	CHR18:4955154	SSF x Far_LoA	-8,278	-0,106	0,276
CHR18	4955157	CHR18:4955157	SSF x Far_LoA	-6,837	0,117	0,280
CHR18	4970353	CHR18:4970353	SSF x Far_LoA	-10,545	-0,028	0,286
CHR18	4970414	CHR18:4970414	SSF x Far_LoA	-9,650	-0,025	0,293
CHR18	4971389	CHR18:4971389	SSF x Far_LoA	-8,381	0,046	0,294
CHR18	4971412	CHR18:4971412	SSF x Far_LoA	-2,441	0,030	0,301
CHR18	4971433	CHR18:4971433	SSF x Far_LoA	-10,781	0,002	0,292
CHR18	4971467	CHR18:4971467	SSF x Far_LoA	-8,254	0,037	0,289
CHR18	4976559	CHR18:4976559	SSF x Far_LoA	-8,695	-0,052	0,291
CHR18	4976583	CHR18:4976583	SSF x Far_LoA	-9,254	-0,035	0,294

CHR18	4976655	CHR18:4976655	SSF x Far_LoA	-1,802	-0,013	0,281
CHR18	4976806	CHR18:4976806	SSF x Far_LoA	-9,574	-0,078	0,297
CHR18	4976818	CHR18:4976818	SSF x Far_LoA	-10,664	-0,058	0,291
CHR18	4976822	CHR18:4976822	SSF x Far_LoA	-7,776	0,042	0,290
CHR18	4985151	CHR18:4985151	SSF x Far_LoA	-9,044	0,012	0,275
CHR18	4985233	CHR18:4985233	SSF x Far_LoA	-8,125	-0,015	0,298
CHR18	4985236	CHR18:4985236	SSF x Far_LoA	-8,127	0,044	0,282
CHR18	4985462	CHR18:4985462	SSF x Far_LoA	-11,010	-0,013	0,277
CHR18	4987470	CHR18:4987470	SSF x Far_LoA	-9,427	0,042	0,298
CHR18	4987496	CHR18:4987496	SSF x Far_LoA	-8,960	-0,012	0,288
CHR18	4987584	CHR18:4987584	SSF x Far_LoA	-8,809	0,186	0,284
CHR18	4987648	CHR18:4987648	SSF x Far_LoA	-7,169	0,190	0,275
CHR18	4987660	CHR18:4987660	SSF x Far_LoA	-7,525	0,143	0,274
CHR18	4987663	CHR18:4987663	SSF x Far_LoA	-6,489	0,123	0,292
CHR18	5007657	CHR18:5007657	SSF x Far_LoA	-8,030	-0,090	0,283
CHR18	5007765	CHR18:5007765	SSF x Far_LoA	-6,522	0,081	0,298
CHR18	5007785	CHR18:5007785	SSF x Far_LoA	-10,275	-0,015	0,288
CHR18	5007839	CHR18:5007839	SSF x Far_LoA	-6,994	0,004	0,278
CHR18	5007866	CHR18:5007866	SSF x Far_LoA	-7,598	0,102	0,307
CHR18	5007896	CHR18:5007896	SSF x Far_LoA	-9,561	0,107	0,304
CHR18	5007991	CHR18:5007991	SSF x Far_LoA	-9,830	0,097	0,300
CHR18	5015406	CHR18:5015406	SSF x Far_LoA	-9,007	0,082	0,297
CHR18	5015464	CHR18:5015464	SSF x Far_LoA	-10,368	0,113	0,279
CHR18	5066495	CHR18:5066495	SSF x Far_LoA	-8,885	0,119	0,287
CHR18	5083216	CHR18:5083216	SSF x Far_LoA	-10,353	-0,018	0,295
CHR18	5090606	CHR18:5090606	SSF x Far_LoA	-6,710	-0,142	0,281
CHR18	5090608	CHR18:5090608	SSF x Far_LoA	-7,929	-0,147	0,284
CHR18	5090618	CHR18:5090618	SSF x Far_LoA	-7,952	-0,158	0,279
CHR18	5091916	CHR18:5091916	SSF x Far_LoA	-8,976	-0,074	0,285
CHR18	5204240	CHR18:5204240	SSF x Far_LoA	-10,363	0,029	0,283
CHR18	5204454	CHR18:5204454	SSF x Far_LoA	-9,873	-0,042	0,282
CHR18	5268954	CHR18:5268954	SSF x Far_LoA	-8,264	0,032	0,317

the table reports chromosome (CHR), genomic position (POS), SNP ID, fficients (means and standard deviations), regression coefficient (Beta BPis), and outlier status. Candidate SNPs were identified according to

Mean Spearman	SD Spearman	Beta IS	SD Beta IS	eBPis	BF outlier
0,081	0,277	0,002	0,008	0,107	FALSE
-0,166	0,288	-0,003	0,009	0,136	FALSE
-0,067	0,285	-0,002	0,008	0,097	FALSE
0,015	0,281	0,002	0,011	0,068	FALSE
0,097	0,296	0,001	0,010	0,053	FALSE
0,000	0,280	0,002	0,011	0,055	FALSE
-0,039	0,289	-0,002	0,014	0,046	FALSE
-0,059	0,277	-0,003	0,012	0,082	FALSE
0,080	0,289	0,004	0,011	0,136	FALSE
0,038	0,285	0,002	0,011	0,055	FALSE
0,086	0,297	0,002	0,014	0,066	FALSE
0,079	0,302	0,002	0,014	0,058	FALSE
0,008	0,294	0,001	0,013	0,026	FALSE
-0,100	0,291	-0,003	0,011	0,104	FALSE
0,148	0,301	0,006	0,012	0,193	FALSE
0,142	0,276	0,003	0,008	0,134	FALSE
-0,229	0,270	-0,009	0,012	0,357	FALSE
-0,034	0,284	0,000	0,011	0,012	FALSE
-0,007	0,285	0,001	0,011	0,021	FALSE
-0,095	0,274	-0,007	0,014	0,197	FALSE
-0,123	0,281	-0,009	0,015	0,276	FALSE
-0,208	0,259	-0,008	0,011	0,300	FALSE
0,081	0,275	0,004	0,013	0,130	FALSE
-0,001	0,287	0,002	0,014	0,039	FALSE
0,097	0,289	0,001	0,010	0,031	FALSE
-0,098	0,281	-0,003	0,015	0,081	FALSE
-0,100	0,290	-0,005	0,015	0,122	FALSE
0,029	0,275	-0,001	0,010	0,045	FALSE
0,053	0,277	0,001	0,015	0,032	FALSE
-0,001	0,284	0,002	0,013	0,049	FALSE
-0,026	0,290	0,000	0,013	0,004	FALSE
0,066	0,310	0,002	0,008	0,093	FALSE
0,082	0,298	0,003	0,007	0,137	FALSE
0,108	0,276	0,002	0,008	0,118	FALSE
0,087	0,290	0,003	0,012	0,109	FALSE
0,000	0,298	0,002	0,011	0,064	FALSE
-0,064	0,272	-0,001	0,009	0,035	FALSE
-0,180	0,272	-0,004	0,009	0,178	FALSE
0,177	0,292	0,010	0,014	0,314	FALSE
0,081	0,279	0,001	0,010	0,054	FALSE
0,095	0,291	0,002	0,007	0,108	FALSE
-0,090	0,292	-0,002	0,015	0,043	FALSE
-0,139	0,272	-0,003	0,014	0,084	FALSE
-0,115	0,276	-0,004	0,010	0,143	FALSE
0,029	0,281	0,001	0,008	0,023	FALSE
0,112	0,285	0,004	0,010	0,170	FALSE
0,043	0,303	0,000	0,009	0,014	FALSE
-0,185	0,273	-0,008	0,013	0,267	FALSE

0,033	0,292	0,001	0,009	0,058	FALSE
-0,114	0,275	-0,003	0,009	0,124	FALSE
0,039	0,299	0,000	0,008	0,010	FALSE
0,142	0,275	0,004	0,009	0,186	FALSE
-0,122	0,275	-0,005	0,011	0,171	FALSE
-0,163	0,271	-0,006	0,012	0,226	FALSE
0,006	0,288	0,001	0,011	0,040	FALSE
-0,202	0,263	-0,008	0,012	0,305	FALSE
-0,049	0,289	0,000	0,008	0,005	FALSE
0,059	0,308	0,002	0,009	0,062	FALSE
0,026	0,297	0,002	0,015	0,036	FALSE
0,034	0,295	0,002	0,008	0,077	FALSE
0,015	0,282	-0,001	0,008	0,052	FALSE
-0,001	0,282	-0,001	0,008	0,063	FALSE
-0,148	0,281	-0,004	0,010	0,165	FALSE
0,008	0,276	0,000	0,009	0,014	FALSE
-0,105	0,296	-0,003	0,007	0,172	FALSE
-0,046	0,278	-0,001	0,008	0,032	FALSE
0,015	0,294	0,002	0,011	0,070	FALSE
0,083	0,282	0,001	0,008	0,046	FALSE
-0,055	0,282	-0,005	0,014	0,133	FALSE
-0,104	0,276	-0,003	0,009	0,161	FALSE
0,055	0,275	0,002	0,008	0,072	FALSE
-0,174	0,275	-0,005	0,014	0,136	FALSE
-0,099	0,292	-0,002	0,008	0,067	FALSE
-0,226	0,277	-0,005	0,009	0,271	FALSE
0,144	0,271	0,004	0,007	0,217	FALSE
0,059	0,282	0,002	0,012	0,074	FALSE
-0,071	0,286	-0,003	0,010	0,110	FALSE
0,084	0,280	0,002	0,014	0,042	FALSE
0,100	0,285	0,002	0,009	0,080	FALSE
-0,017	0,293	-0,001	0,009	0,062	FALSE
0,053	0,293	0,001	0,014	0,033	FALSE
0,088	0,297	0,004	0,010	0,163	FALSE
0,114	0,285	0,003	0,010	0,108	FALSE
0,158	0,280	0,004	0,009	0,163	FALSE
-0,125	0,288	-0,005	0,011	0,199	FALSE
0,297	0,263	0,010	0,011	0,423	FALSE
-0,023	0,279	-0,001	0,009	0,029	FALSE
-0,014	0,296	-0,001	0,009	0,037	FALSE
0,092	0,289	0,002	0,010	0,069	FALSE
-0,012	0,295	-0,001	0,008	0,047	FALSE
0,038	0,278	0,001	0,014	0,013	FALSE
0,073	0,280	0,001	0,007	0,030	FALSE
-0,092	0,280	-0,001	0,015	0,017	FALSE
-0,091	0,280	0,000	0,014	0,009	FALSE
0,147	0,275	0,003	0,014	0,071	FALSE
-0,078	0,276	-0,002	0,010	0,084	FALSE
-0,131	0,289	-0,003	0,009	0,121	FALSE
-0,036	0,293	-0,001	0,008	0,038	FALSE
-0,073	0,283	-0,004	0,009	0,180	FALSE
-0,026	0,292	0,000	0,008	0,018	FALSE
0,063	0,278	0,001	0,009	0,054	FALSE

-0,112	0,293	-0,005	0,014	0,143	FALSE
-0,029	0,295	0,000	0,007	0,016	FALSE
-0,024	0,272	0,000	0,011	0,007	FALSE
-0,192	0,282	-0,006	0,010	0,272	FALSE
0,125	0,274	0,004	0,009	0,175	FALSE
0,015	0,294	0,001	0,014	0,034	FALSE
0,065	0,292	0,002	0,013	0,070	FALSE
-0,016	0,285	0,000	0,013	0,001	FALSE
-0,085	0,299	-0,003	0,013	0,091	FALSE
-0,052	0,280	0,000	0,012	0,012	FALSE
0,045	0,306	0,002	0,009	0,067	FALSE
-0,159	0,285	-0,005	0,010	0,195	FALSE
0,065	0,273	0,002	0,009	0,060	FALSE
0,047	0,275	0,002	0,015	0,039	FALSE
-0,169	0,280	-0,005	0,009	0,233	FALSE
-0,120	0,278	-0,005	0,009	0,218	FALSE
-0,261	0,275	-0,007	0,008	0,408	FALSE
-0,016	0,280	-0,002	0,009	0,102	FALSE
-0,027	0,293	-0,001	0,011	0,041	FALSE
0,144	0,270	0,004	0,011	0,142	FALSE
-0,013	0,295	0,000	0,009	0,007	FALSE
-0,107	0,293	-0,003	0,009	0,130	FALSE
-0,229	0,272	-0,011	0,014	0,360	FALSE
0,208	0,283	0,010	0,014	0,348	FALSE
-0,088	0,268	-0,003	0,007	0,166	FALSE
-0,002	0,282	-0,002	0,010	0,083	FALSE
-0,114	0,270	-0,004	0,010	0,138	FALSE
-0,160	0,289	-0,007	0,015	0,202	FALSE
-0,172	0,288	-0,004	0,009	0,155	FALSE
-0,179	0,291	-0,004	0,010	0,162	FALSE
0,070	0,287	0,004	0,014	0,117	FALSE
0,046	0,282	0,002	0,013	0,051	FALSE
-0,110	0,270	-0,004	0,009	0,184	FALSE
0,010	0,278	0,001	0,015	0,019	FALSE
0,053	0,291	0,003	0,007	0,138	FALSE
0,127	0,294	0,003	0,010	0,122	FALSE
-0,009	0,274	0,002	0,010	0,086	FALSE
-0,075	0,283	-0,003	0,008	0,150	FALSE
-0,090	0,287	-0,005	0,015	0,146	FALSE
-0,079	0,294	-0,002	0,008	0,088	FALSE
-0,112	0,294	-0,004	0,013	0,113	FALSE
0,027	0,273	0,001	0,011	0,033	FALSE
-0,039	0,275	0,000	0,008	0,002	FALSE
0,053	0,288	0,003	0,015	0,083	FALSE
0,108	0,302	0,003	0,009	0,140	FALSE
-0,094	0,291	-0,003	0,008	0,151	FALSE
0,077	0,289	0,002	0,014	0,056	FALSE
0,147	0,278	0,006	0,014	0,188	FALSE
0,122	0,283	0,005	0,013	0,143	FALSE
-0,021	0,292	-0,001	0,008	0,054	FALSE
-0,061	0,282	-0,001	0,013	0,039	FALSE
-0,099	0,284	-0,003	0,013	0,095	FALSE
-0,104	0,291	-0,002	0,012	0,075	FALSE

-0,036	0,287	-0,002	0,008	0,072	FALSE
0,079	0,282	0,003	0,013	0,074	FALSE
-0,027	0,288	-0,002	0,015	0,058	FALSE
-0,162	0,292	-0,008	0,013	0,244	FALSE
-0,024	0,281	-0,001	0,012	0,030	FALSE
-0,042	0,292	-0,001	0,015	0,030	FALSE
0,120	0,291	0,002	0,009	0,103	FALSE
-0,182	0,274	-0,003	0,008	0,177	FALSE
-0,072	0,285	-0,002	0,014	0,046	FALSE
-0,023	0,271	0,002	0,011	0,077	FALSE
-0,092	0,293	-0,003	0,009	0,153	FALSE
0,029	0,298	0,000	0,008	0,011	FALSE
0,037	0,277	0,001	0,014	0,024	FALSE
-0,057	0,254	-0,003	0,009	0,145	FALSE
-0,105	0,286	-0,002	0,013	0,068	FALSE
0,015	0,288	0,001	0,007	0,048	FALSE
-0,119	0,279	-0,003	0,008	0,139	FALSE
0,049	0,282	0,003	0,013	0,079	FALSE
0,043	0,277	0,002	0,010	0,082	FALSE
0,045	0,291	0,003	0,015	0,077	FALSE
0,069	0,284	0,003	0,011	0,095	FALSE
-0,005	0,281	0,000	0,008	0,004	FALSE
0,009	0,290	0,001	0,010	0,051	FALSE
-0,100	0,271	-0,004	0,008	0,187	FALSE
-0,007	0,283	-0,002	0,010	0,059	FALSE
-0,077	0,285	0,000	0,009	0,014	FALSE
0,029	0,277	-0,001	0,011	0,025	FALSE
0,079	0,276	0,002	0,012	0,048	FALSE
0,193	0,278	0,006	0,012	0,219	FALSE
-0,069	0,279	-0,002	0,014	0,049	FALSE
0,106	0,292	0,001	0,008	0,061	FALSE
-0,037	0,285	-0,001	0,010	0,043	FALSE
0,003	0,279	0,002	0,007	0,087	FALSE
0,179	0,281	0,004	0,012	0,139	FALSE
0,072	0,289	0,001	0,014	0,013	FALSE
0,095	0,280	0,002	0,014	0,044	FALSE
0,062	0,290	0,001	0,008	0,048	FALSE
-0,167	0,297	-0,006	0,013	0,208	FALSE
-0,030	0,262	-0,002	0,012	0,064	FALSE
-0,180	0,268	-0,007	0,012	0,273	FALSE
0,048	0,280	0,000	0,008	0,003	FALSE
-0,159	0,274	-0,006	0,012	0,222	FALSE
-0,151	0,272	-0,007	0,012	0,236	FALSE
-0,063	0,289	-0,002	0,011	0,062	FALSE
0,077	0,301	0,003	0,008	0,144	FALSE
0,047	0,299	0,003	0,011	0,093	FALSE
0,069	0,282	0,003	0,012	0,097	FALSE
0,076	0,288	0,003	0,011	0,115	FALSE
-0,028	0,286	0,001	0,011	0,046	FALSE
-0,001	0,294	0,000	0,008	0,004	FALSE
0,113	0,281	0,000	0,014	0,012	FALSE
0,068	0,274	0,001	0,007	0,039	FALSE
-0,111	0,288	-0,003	0,010	0,096	FALSE

-0,017	0,286	0,002	0,013	0,069	FALSE
0,029	0,281	0,002	0,008	0,087	FALSE
0,022	0,281	0,001	0,008	0,068	FALSE
-0,127	0,286	-0,002	0,008	0,096	FALSE
0,049	0,287	0,002	0,010	0,068	FALSE
0,013	0,284	0,001	0,010	0,019	FALSE
0,018	0,286	0,001	0,010	0,023	FALSE
0,171	0,273	0,006	0,011	0,229	FALSE
0,077	0,281	0,002	0,010	0,081	FALSE
0,039	0,295	0,002	0,008	0,102	FALSE
0,062	0,274	0,002	0,009	0,060	FALSE
0,078	0,270	0,002	0,009	0,084	FALSE
0,055	0,283	0,001	0,009	0,044	FALSE
0,085	0,296	0,002	0,009	0,071	FALSE
0,028	0,288	0,001	0,009	0,020	FALSE
0,025	0,269	0,000	0,009	0,016	FALSE
0,030	0,274	0,000	0,008	0,012	FALSE
0,000	0,286	-0,001	0,010	0,026	FALSE
-0,077	0,280	-0,002	0,008	0,102	FALSE
0,069	0,286	0,004	0,009	0,153	FALSE
-0,068	0,298	-0,002	0,008	0,095	FALSE
-0,046	0,278	-0,001	0,007	0,071	FALSE
-0,052	0,297	-0,002	0,008	0,076	FALSE
0,049	0,277	-0,001	0,009	0,052	FALSE
-0,041	0,285	-0,001	0,008	0,066	FALSE
-0,052	0,290	-0,001	0,008	0,061	FALSE
-0,049	0,288	-0,001	0,007	0,068	FALSE
0,063	0,282	0,003	0,012	0,092	FALSE
0,066	0,286	0,003	0,009	0,159	FALSE
-0,016	0,272	-0,001	0,008	0,058	FALSE
-0,115	0,285	-0,004	0,015	0,093	FALSE
0,052	0,285	0,003	0,012	0,090	FALSE
0,088	0,290	0,005	0,013	0,143	FALSE
0,032	0,274	0,000	0,008	0,003	FALSE
0,063	0,277	0,002	0,012	0,054	FALSE
-0,047	0,293	-0,003	0,014	0,073	FALSE
-0,046	0,294	0,000	0,012	0,004	FALSE
0,044	0,289	0,001	0,007	0,048	FALSE
-0,031	0,312	0,000	0,014	0,009	FALSE
0,020	0,295	0,001	0,015	0,034	FALSE
0,026	0,291	0,001	0,014	0,027	FALSE
-0,065	0,287	-0,002	0,011	0,081	FALSE
0,038	0,300	0,002	0,008	0,085	FALSE
-0,040	0,274	0,000	0,013	0,004	FALSE
-0,077	0,289	-0,004	0,013	0,109	FALSE
0,001	0,291	0,000	0,013	0,010	FALSE
-0,089	0,282	-0,002	0,011	0,073	FALSE
-0,220	0,271	-0,006	0,010	0,293	FALSE
0,162	0,296	0,003	0,008	0,143	FALSE
-0,153	0,281	-0,003	0,008	0,168	FALSE
-0,149	0,277	-0,006	0,009	0,252	FALSE
-0,029	0,286	-0,004	0,014	0,109	FALSE
-0,078	0,302	-0,001	0,009	0,051	FALSE

-0,062	0,303	-0,002	0,009	0,074	FALSE
0,066	0,296	0,003	0,008	0,169	FALSE
0,181	0,280	0,005	0,011	0,198	FALSE
-0,099	0,287	-0,001	0,009	0,052	FALSE
0,010	0,304	0,001	0,015	0,013	FALSE
0,076	0,287	0,004	0,009	0,180	FALSE
0,084	0,302	0,005	0,014	0,132	FALSE
0,068	0,279	0,000	0,014	0,008	FALSE
0,100	0,286	0,005	0,008	0,252	FALSE
0,046	0,277	0,000	0,008	0,003	FALSE
-0,094	0,289	-0,005	0,011	0,168	FALSE
0,075	0,288	0,002	0,009	0,106	FALSE
-0,005	0,288	-0,002	0,014	0,041	FALSE
-0,023	0,294	0,001	0,010	0,022	FALSE
0,031	0,293	0,000	0,013	0,010	FALSE
-0,057	0,281	-0,001	0,013	0,031	FALSE
-0,069	0,273	-0,004	0,014	0,127	FALSE
-0,069	0,271	-0,002	0,014	0,063	FALSE
0,098	0,282	0,001	0,014	0,029	FALSE
-0,064	0,285	-0,001	0,009	0,059	FALSE
-0,131	0,294	-0,004	0,008	0,195	FALSE
-0,070	0,295	-0,001	0,009	0,059	FALSE
-0,159	0,290	-0,006	0,009	0,280	FALSE
-0,182	0,281	-0,007	0,010	0,318	FALSE
-0,134	0,283	-0,007	0,015	0,192	FALSE
0,129	0,281	0,003	0,008	0,138	FALSE
0,224	0,290	0,008	0,012	0,306	FALSE
0,028	0,283	-0,001	0,008	0,062	FALSE
-0,042	0,288	-0,002	0,008	0,074	FALSE
-0,040	0,287	0,000	0,010	0,014	FALSE
0,110	0,284	0,004	0,011	0,130	FALSE
-0,236	0,279	-0,012	0,015	0,366	FALSE
0,047	0,288	0,003	0,010	0,122	FALSE
-0,015	0,283	0,000	0,012	0,001	FALSE
-0,003	0,284	0,000	0,011	0,003	FALSE
-0,119	0,285	-0,007	0,015	0,189	FALSE
0,075	0,288	0,001	0,008	0,062	FALSE
-0,052	0,284	0,000	0,008	0,020	FALSE
-0,124	0,293	-0,003	0,008	0,152	FALSE
0,169	0,292	0,005	0,013	0,143	FALSE
0,104	0,286	0,002	0,013	0,072	FALSE
-0,052	0,296	0,000	0,010	0,014	FALSE
-0,002	0,283	0,002	0,008	0,094	FALSE
0,153	0,294	0,003	0,007	0,149	FALSE
-0,153	0,278	-0,005	0,010	0,203	FALSE
-0,033	0,304	-0,001	0,011	0,040	FALSE
-0,109	0,287	-0,003	0,013	0,088	FALSE
0,172	0,277	0,004	0,008	0,226	FALSE
-0,047	0,297	-0,002	0,015	0,049	FALSE
0,019	0,300	-0,001	0,012	0,016	FALSE
-0,096	0,294	-0,002	0,011	0,061	FALSE
0,066	0,279	0,000	0,009	0,017	FALSE
-0,043	0,274	0,000	0,013	0,005	FALSE

-0,060	0,281	0,000	0,008	0,002	FALSE
0,046	0,280	0,003	0,010	0,112	FALSE
0,094	0,290	0,006	0,013	0,188	FALSE
0,078	0,282	0,005	0,012	0,161	FALSE
-0,085	0,285	-0,003	0,011	0,091	FALSE
0,008	0,294	0,001	0,009	0,042	FALSE
-0,105	0,290	-0,005	0,014	0,127	FALSE
0,065	0,291	0,003	0,014	0,089	FALSE
0,047	0,282	0,002	0,014	0,059	FALSE
0,197	0,282	0,007	0,014	0,216	FALSE
0,087	0,273	0,002	0,010	0,068	FALSE
-0,130	0,274	-0,004	0,010	0,145	FALSE
0,097	0,292	0,003	0,008	0,142	FALSE
-0,111	0,283	-0,003	0,008	0,177	FALSE
0,021	0,276	0,003	0,014	0,090	FALSE
0,124	0,294	0,003	0,010	0,120	FALSE
0,022	0,282	-0,002	0,015	0,061	FALSE
0,036	0,288	0,000	0,008	0,006	FALSE
0,001	0,289	0,000	0,007	0,002	FALSE
-0,073	0,290	-0,001	0,007	0,043	FALSE
0,004	0,288	0,001	0,012	0,029	FALSE
0,041	0,290	0,001	0,007	0,076	FALSE
0,028	0,287	0,000	0,009	0,013	FALSE
-0,040	0,296	-0,001	0,013	0,034	FALSE
-0,080	0,288	-0,002	0,013	0,067	FALSE
-0,102	0,293	-0,005	0,014	0,147	FALSE
0,105	0,273	0,003	0,008	0,163	FALSE
0,041	0,287	0,000	0,009	0,013	FALSE
-0,087	0,287	-0,005	0,013	0,144	FALSE
0,019	0,301	0,002	0,011	0,084	FALSE
0,123	0,291	0,003	0,012	0,097	FALSE
-0,031	0,289	0,000	0,009	0,003	FALSE
-0,090	0,298	-0,003	0,009	0,125	FALSE
0,072	0,288	0,001	0,009	0,022	FALSE
0,087	0,282	0,004	0,013	0,119	FALSE
0,019	0,294	0,002	0,013	0,058	FALSE
-0,167	0,273	-0,004	0,008	0,223	FALSE
0,016	0,283	-0,001	0,011	0,051	FALSE
-0,048	0,291	0,000	0,008	0,004	FALSE
0,079	0,297	0,002	0,012	0,054	FALSE
0,137	0,277	0,003	0,010	0,127	FALSE
0,039	0,281	0,000	0,012	0,012	FALSE
0,064	0,306	0,002	0,016	0,055	FALSE
0,046	0,280	0,000	0,015	0,007	FALSE
0,025	0,288	0,001	0,008	0,030	FALSE
-0,105	0,298	-0,003	0,011	0,106	FALSE
-0,080	0,274	-0,006	0,013	0,187	FALSE
0,027	0,276	-0,002	0,014	0,040	FALSE
-0,011	0,287	-0,001	0,008	0,038	FALSE
0,166	0,289	0,005	0,007	0,298	FALSE
-0,215	0,290	-0,006	0,009	0,303	FALSE
0,111	0,280	0,004	0,009	0,193	FALSE
-0,002	0,282	0,001	0,008	0,059	FALSE

0,093	0,287	0,005	0,011	0,164	FALSE
0,059	0,269	0,000	0,007	0,016	FALSE
-0,072	0,282	-0,002	0,009	0,083	FALSE
-0,055	0,290	-0,001	0,008	0,033	FALSE
-0,110	0,269	-0,004	0,014	0,117	FALSE
0,046	0,280	0,001	0,008	0,023	FALSE
0,154	0,291	0,003	0,008	0,134	FALSE
-0,037	0,294	-0,002	0,013	0,067	FALSE
-0,040	0,303	-0,001	0,013	0,036	FALSE
-0,011	0,289	0,001	0,009	0,022	FALSE
-0,009	0,274	0,000	0,011	0,003	FALSE
0,028	0,289	0,001	0,009	0,034	FALSE
0,059	0,272	0,005	0,009	0,215	FALSE
-0,033	0,286	0,000	0,011	0,005	FALSE
0,005	0,281	0,001	0,007	0,052	FALSE
-0,068	0,281	-0,003	0,014	0,076	FALSE
0,130	0,279	0,005	0,015	0,124	FALSE
-0,056	0,280	0,001	0,013	0,013	FALSE
-0,095	0,270	-0,004	0,009	0,171	FALSE
0,135	0,289	0,005	0,013	0,160	FALSE
-0,037	0,279	0,000	0,010	0,003	FALSE
-0,048	0,275	0,000	0,010	0,007	FALSE
-0,029	0,281	0,000	0,011	0,008	FALSE
-0,115	0,286	-0,002	0,007	0,103	FALSE
0,069	0,278	0,002	0,007	0,104	FALSE
0,009	0,283	0,000	0,009	0,005	FALSE
0,063	0,288	0,002	0,008	0,105	FALSE
-0,068	0,293	-0,002	0,013	0,066	FALSE
0,111	0,279	0,003	0,009	0,133	FALSE
0,098	0,285	0,002	0,008	0,129	FALSE
-0,075	0,280	-0,001	0,008	0,055	FALSE
-0,140	0,273	-0,005	0,008	0,264	FALSE
0,060	0,287	0,001	0,008	0,024	FALSE
-0,054	0,298	-0,001	0,009	0,039	FALSE
0,062	0,283	0,002	0,011	0,080	FALSE
-0,145	0,299	-0,006	0,013	0,194	FALSE
0,146	0,285	0,003	0,011	0,100	FALSE
0,011	0,301	0,000	0,011	0,013	FALSE
0,206	0,272	0,007	0,014	0,215	FALSE
-0,024	0,295	0,000	0,012	0,003	FALSE
-0,014	0,290	0,000	0,012	0,006	FALSE
-0,010	0,279	0,002	0,014	0,042	FALSE
-0,135	0,290	-0,003	0,008	0,122	FALSE
-0,080	0,297	-0,002	0,008	0,100	FALSE
-0,142	0,269	-0,003	0,007	0,183	FALSE
0,055	0,290	0,002	0,014	0,048	FALSE
0,081	0,295	0,003	0,014	0,090	FALSE
0,010	0,299	0,001	0,014	0,024	FALSE
0,047	0,288	0,001	0,008	0,034	FALSE
0,043	0,282	0,000	0,008	0,021	FALSE
-0,072	0,283	-0,004	0,015	0,111	FALSE
0,077	0,288	0,002	0,010	0,077	FALSE
0,008	0,277	0,001	0,011	0,029	FALSE

0,128	0,279	0,005	0,010	0,189	FALSE
0,078	0,287	0,003	0,008	0,129	FALSE
-0,057	0,279	-0,001	0,007	0,062	FALSE
-0,038	0,291	0,000	0,009	0,011	FALSE
0,029	0,289	0,003	0,013	0,087	FALSE
-0,002	0,297	0,001	0,013	0,037	FALSE
-0,050	0,297	-0,002	0,013	0,069	FALSE
0,140	0,277	0,003	0,007	0,138	FALSE
-0,125	0,282	-0,003	0,007	0,177	FALSE
0,035	0,284	0,002	0,007	0,120	FALSE
0,168	0,286	0,004	0,009	0,202	FALSE
-0,106	0,276	-0,004	0,013	0,117	FALSE
0,063	0,280	0,000	0,009	0,018	FALSE
0,019	0,283	-0,001	0,010	0,026	FALSE
-0,023	0,296	-0,001	0,013	0,039	FALSE
0,013	0,272	-0,001	0,007	0,043	FALSE
0,080	0,284	0,003	0,015	0,069	FALSE
-0,091	0,296	-0,004	0,010	0,172	FALSE
0,013	0,263	0,003	0,014	0,076	FALSE
0,228	0,264	0,009	0,011	0,394	FALSE
0,151	0,280	0,006	0,013	0,197	FALSE
0,108	0,292	0,003	0,009	0,132	FALSE
0,110	0,280	0,005	0,014	0,155	FALSE
0,052	0,281	0,001	0,008	0,042	FALSE
0,137	0,277	0,004	0,012	0,123	FALSE
0,131	0,285	0,005	0,015	0,146	FALSE
-0,019	0,291	-0,001	0,007	0,036	FALSE
-0,067	0,285	-0,001	0,007	0,068	FALSE
-0,083	0,290	-0,003	0,015	0,077	FALSE
-0,061	0,272	-0,001	0,009	0,031	FALSE
0,066	0,284	0,005	0,014	0,139	FALSE
0,060	0,280	0,002	0,013	0,068	FALSE
-0,023	0,296	-0,002	0,013	0,061	FALSE
-0,028	0,290	-0,002	0,012	0,051	FALSE
-0,137	0,287	-0,003	0,012	0,087	FALSE
0,119	0,281	0,005	0,013	0,148	FALSE
0,028	0,281	0,001	0,008	0,029	FALSE
-0,059	0,302	-0,003	0,011	0,101	FALSE
-0,091	0,270	-0,004	0,010	0,162	FALSE
0,147	0,289	0,003	0,009	0,122	FALSE
0,041	0,292	0,000	0,008	0,014	FALSE
0,046	0,280	0,001	0,009	0,050	FALSE
0,137	0,291	0,002	0,009	0,082	FALSE
0,052	0,297	0,001	0,011	0,019	FALSE
-0,061	0,284	-0,001	0,010	0,024	FALSE
0,068	0,286	0,002	0,013	0,069	FALSE
-0,047	0,289	-0,001	0,011	0,033	FALSE
-0,053	0,290	-0,001	0,009	0,021	FALSE
0,064	0,296	0,003	0,008	0,153	FALSE
0,120	0,287	0,004	0,013	0,127	FALSE
0,004	0,300	0,000	0,008	0,004	FALSE
0,119	0,284	0,008	0,015	0,214	FALSE
0,098	0,275	0,004	0,015	0,119	FALSE

0,029	0,282	0,002	0,014	0,063	FALSE
-0,007	0,293	0,002	0,010	0,058	FALSE
-0,032	0,287	-0,002	0,012	0,072	FALSE
-0,021	0,294	0,000	0,011	0,006	FALSE
0,052	0,288	0,006	0,015	0,157	FALSE
-0,052	0,286	0,000	0,010	0,004	FALSE
0,098	0,280	0,002	0,014	0,057	FALSE
-0,070	0,291	-0,003	0,008	0,137	FALSE
-0,013	0,290	-0,001	0,010	0,050	FALSE
-0,082	0,274	-0,003	0,013	0,082	FALSE
0,003	0,300	0,001	0,008	0,036	FALSE
0,057	0,286	0,002	0,014	0,046	FALSE
-0,020	0,290	0,000	0,008	0,012	FALSE
-0,037	0,286	-0,001	0,014	0,032	FALSE
0,176	0,285	0,005	0,011	0,183	FALSE
0,156	0,277	0,003	0,010	0,124	FALSE
0,046	0,287	0,002	0,009	0,102	FALSE
-0,177	0,290	-0,012	0,015	0,382	FALSE
0,040	0,305	0,001	0,010	0,032	FALSE
-0,033	0,290	-0,001	0,008	0,035	FALSE
0,063	0,283	0,002	0,008	0,079	FALSE
-0,113	0,279	-0,004	0,011	0,144	FALSE
0,113	0,288	0,002	0,009	0,110	FALSE
0,050	0,292	0,001	0,008	0,037	FALSE
0,123	0,290	0,005	0,010	0,186	FALSE
0,062	0,280	0,004	0,013	0,127	FALSE
0,093	0,297	0,002	0,008	0,114	FALSE
-0,020	0,297	-0,001	0,011	0,046	FALSE
-0,162	0,277	-0,007	0,013	0,222	FALSE
0,132	0,260	0,003	0,007	0,153	FALSE
0,016	0,285	0,000	0,009	0,008	FALSE
-0,060	0,286	-0,002	0,008	0,075	FALSE
-0,119	0,281	-0,004	0,008	0,226	FALSE
0,167	0,293	0,009	0,014	0,264	FALSE
0,130	0,289	0,006	0,014	0,164	FALSE
0,027	0,286	0,000	0,012	0,006	FALSE
-0,113	0,283	-0,003	0,009	0,127	FALSE
0,119	0,267	0,001	0,012	0,025	FALSE
0,172	0,255	0,006	0,014	0,183	FALSE
-0,147	0,291	-0,003	0,008	0,125	FALSE
0,224	0,259	0,009	0,015	0,271	FALSE
-0,045	0,283	0,000	0,013	0,012	FALSE
0,033	0,278	0,003	0,013	0,080	FALSE
0,071	0,298	0,001	0,008	0,067	FALSE
-0,251	0,268	-0,011	0,014	0,363	FALSE
-0,036	0,294	-0,001	0,009	0,050	FALSE
0,183	0,274	0,005	0,009	0,209	FALSE
0,049	0,284	0,001	0,009	0,053	FALSE
0,135	0,284	0,005	0,010	0,224	FALSE
0,127	0,272	0,003	0,009	0,144	FALSE
-0,037	0,285	-0,002	0,008	0,092	FALSE
-0,046	0,278	0,000	0,014	0,004	FALSE
-0,111	0,272	-0,004	0,008	0,188	FALSE

0,050	0,291	0,001	0,007	0,057	FALSE
-0,023	0,291	-0,001	0,009	0,024	FALSE
0,100	0,275	0,005	0,013	0,141	FALSE
0,039	0,284	0,001	0,010	0,023	FALSE
0,065	0,297	0,002	0,009	0,064	FALSE
0,150	0,272	0,005	0,014	0,139	FALSE
0,052	0,277	0,005	0,013	0,146	FALSE
-0,122	0,282	-0,006	0,013	0,182	FALSE
-0,151	0,279	-0,005	0,011	0,172	FALSE
-0,046	0,290	-0,002	0,010	0,087	FALSE
-0,071	0,284	-0,002	0,013	0,048	FALSE
0,105	0,293	0,003	0,008	0,157	FALSE
0,097	0,278	0,003	0,009	0,112	FALSE
0,106	0,289	0,003	0,010	0,107	FALSE
-0,151	0,283	-0,003	0,008	0,172	FALSE
-0,025	0,283	-0,001	0,010	0,049	FALSE
-0,001	0,294	0,002	0,014	0,067	FALSE
0,039	0,291	0,000	0,010	0,017	FALSE
-0,105	0,277	-0,003	0,014	0,077	FALSE
0,027	0,281	0,000	0,008	0,005	FALSE
-0,074	0,288	-0,003	0,008	0,137	FALSE
0,036	0,279	0,004	0,012	0,149	FALSE
0,045	0,292	0,003	0,012	0,105	FALSE
0,024	0,292	0,002	0,011	0,059	FALSE
0,061	0,297	0,004	0,014	0,113	FALSE
0,008	0,298	-0,001	0,012	0,024	FALSE
-0,087	0,289	-0,001	0,007	0,051	FALSE
0,092	0,291	0,005	0,009	0,232	FALSE
0,118	0,279	0,006	0,008	0,287	FALSE
-0,001	0,294	0,001	0,011	0,029	FALSE
-0,241	0,276	-0,010	0,014	0,333	FALSE
-0,187	0,298	-0,008	0,015	0,210	FALSE
0,116	0,279	0,002	0,014	0,039	FALSE
0,128	0,270	0,003	0,014	0,084	FALSE
0,150	0,293	0,008	0,015	0,217	FALSE
0,096	0,295	0,003	0,011	0,116	FALSE
-0,110	0,276	-0,002	0,008	0,105	FALSE
-0,098	0,280	-0,003	0,014	0,074	FALSE
0,047	0,283	0,002	0,012	0,066	FALSE
0,035	0,280	0,003	0,012	0,079	FALSE
0,027	0,279	0,002	0,012	0,059	FALSE
0,052	0,286	0,004	0,011	0,130	FALSE
0,065	0,297	0,003	0,014	0,083	FALSE
0,068	0,279	0,001	0,009	0,026	FALSE
0,100	0,293	0,003	0,010	0,120	FALSE
-0,001	0,290	0,002	0,012	0,051	FALSE
0,051	0,278	0,001	0,011	0,019	FALSE
0,152	0,285	0,003	0,010	0,131	FALSE
-0,048	0,282	0,000	0,012	0,005	FALSE
-0,032	0,282	0,000	0,010	0,006	FALSE
0,118	0,292	0,004	0,010	0,176	FALSE
0,041	0,287	-0,001	0,012	0,020	FALSE
0,035	0,304	-0,001	0,013	0,035	FALSE

0,025	0,283	0,001	0,009	0,046	FALSE
0,131	0,286	0,002	0,009	0,102	FALSE
0,025	0,296	0,002	0,014	0,052	FALSE
0,065	0,294	0,002	0,009	0,100	FALSE
0,102	0,295	0,003	0,009	0,131	FALSE
0,034	0,289	0,003	0,014	0,074	FALSE
0,036	0,296	0,003	0,014	0,082	FALSE
0,060	0,296	0,003	0,013	0,093	FALSE
0,107	0,291	0,006	0,014	0,181	FALSE
0,101	0,295	0,005	0,013	0,166	FALSE
0,018	0,293	0,002	0,014	0,051	FALSE
-0,024	0,292	0,001	0,012	0,040	FALSE
0,182	0,291	0,007	0,009	0,384	FALSE
-0,066	0,282	-0,001	0,007	0,046	FALSE
-0,055	0,283	-0,004	0,011	0,138	FALSE
-0,081	0,273	0,000	0,010	0,000	FALSE
-0,062	0,282	0,001	0,011	0,038	FALSE
-0,046	0,279	-0,004	0,011	0,131	FALSE
0,025	0,268	0,005	0,015	0,144	FALSE
-0,127	0,283	-0,006	0,010	0,263	FALSE
-0,040	0,273	-0,003	0,015	0,083	FALSE
-0,109	0,289	-0,007	0,014	0,192	FALSE
-0,167	0,270	-0,007	0,014	0,191	FALSE
-0,086	0,269	-0,002	0,010	0,078	FALSE
-0,058	0,281	-0,004	0,015	0,093	FALSE
0,158	0,291	0,005	0,011	0,178	FALSE
0,082	0,294	0,002	0,007	0,083	FALSE
0,089	0,292	0,002	0,014	0,048	FALSE
-0,020	0,288	-0,002	0,013	0,070	FALSE
-0,014	0,285	-0,001	0,014	0,024	FALSE
0,000	0,288	0,000	0,013	0,002	FALSE
-0,012	0,302	0,000	0,013	0,010	FALSE
0,006	0,296	0,001	0,013	0,015	FALSE
0,195	0,279	0,004	0,009	0,189	FALSE
-0,024	0,295	0,000	0,008	0,015	FALSE
-0,140	0,288	-0,006	0,014	0,155	FALSE
0,044	0,278	0,001	0,007	0,072	FALSE
0,044	0,292	0,001	0,010	0,036	FALSE
0,009	0,285	0,000	0,011	0,002	FALSE
0,134	0,284	0,003	0,007	0,158	FALSE
-0,044	0,290	-0,003	0,015	0,086	FALSE
-0,124	0,289	-0,003	0,008	0,165	FALSE
-0,115	0,283	-0,003	0,007	0,159	FALSE
0,119	0,293	0,006	0,013	0,191	FALSE
0,124	0,298	0,006	0,014	0,194	FALSE
-0,031	0,292	0,000	0,012	0,008	FALSE
-0,029	0,289	-0,001	0,008	0,066	FALSE
-0,190	0,275	-0,005	0,008	0,278	FALSE
0,043	0,302	0,002	0,011	0,055	FALSE
0,057	0,279	0,003	0,013	0,090	FALSE
-0,209	0,273	-0,006	0,008	0,321	FALSE
0,017	0,293	0,002	0,015	0,048	FALSE
0,049	0,295	0,002	0,009	0,080	FALSE

0,054	0,298	0,002	0,009	0,075	FALSE
0,075	0,303	0,004	0,014	0,117	FALSE
0,107	0,290	0,004	0,012	0,129	FALSE
0,104	0,302	0,004	0,011	0,154	FALSE
-0,042	0,284	-0,001	0,010	0,043	FALSE
-0,015	0,282	-0,001	0,011	0,045	FALSE
0,123	0,283	0,006	0,013	0,187	FALSE
-0,008	0,290	-0,002	0,015	0,054	FALSE
-0,091	0,283	-0,001	0,007	0,037	FALSE
0,102	0,290	0,004	0,012	0,122	FALSE
0,069	0,303	0,003	0,014	0,088	FALSE
0,083	0,306	0,004	0,014	0,094	FALSE
0,013	0,285	0,001	0,010	0,036	FALSE
0,092	0,282	0,005	0,014	0,143	FALSE
0,082	0,291	0,004	0,012	0,124	FALSE
0,056	0,290	0,002	0,016	0,050	FALSE
0,052	0,283	0,001	0,015	0,022	FALSE
0,025	0,273	0,000	0,014	0,002	FALSE
-0,200	0,265	-0,007	0,012	0,252	FALSE
0,159	0,284	0,006	0,015	0,160	FALSE
-0,214	0,287	-0,005	0,010	0,229	FALSE
-0,162	0,285	-0,003	0,010	0,134	FALSE
-0,195	0,274	-0,005	0,010	0,193	FALSE
-0,138	0,284	-0,002	0,009	0,104	FALSE
0,016	0,287	0,001	0,009	0,030	FALSE
0,041	0,298	0,001	0,011	0,040	FALSE
-0,012	0,286	0,001	0,015	0,029	FALSE
0,048	0,298	0,002	0,015	0,057	FALSE
-0,102	0,281	-0,005	0,010	0,192	FALSE
-0,009	0,281	-0,001	0,008	0,045	FALSE
0,277	0,264	0,009	0,011	0,364	FALSE
0,026	0,276	0,000	0,009	0,011	FALSE
0,159	0,295	0,005	0,009	0,257	FALSE
0,166	0,286	0,006	0,009	0,291	FALSE
0,082	0,284	0,005	0,014	0,137	FALSE
-0,154	0,284	-0,003	0,007	0,145	FALSE
0,056	0,279	0,001	0,013	0,031	FALSE
-0,034	0,292	-0,001	0,014	0,029	FALSE
-0,175	0,279	-0,005	0,013	0,168	FALSE
0,108	0,278	0,001	0,008	0,064	FALSE
0,011	0,260	0,001	0,009	0,044	FALSE
0,059	0,291	0,000	0,009	0,017	FALSE
-0,069	0,280	-0,004	0,013	0,130	FALSE
-0,045	0,295	-0,003	0,013	0,090	FALSE
-0,017	0,297	-0,002	0,014	0,044	FALSE
0,057	0,283	0,004	0,012	0,134	FALSE
-0,032	0,286	-0,001	0,010	0,022	FALSE
-0,033	0,286	-0,001	0,012	0,041	FALSE
0,058	0,277	0,001	0,014	0,037	FALSE
0,050	0,276	0,003	0,013	0,093	FALSE
-0,053	0,285	-0,004	0,009	0,164	FALSE
-0,085	0,280	-0,002	0,009	0,109	FALSE
-0,108	0,285	-0,005	0,010	0,199	FALSE

-0,130	0,291	-0,002	0,011	0,074	FALSE
0,002	0,279	0,000	0,012	0,002	FALSE
0,096	0,300	0,005	0,015	0,137	FALSE
-0,058	0,290	-0,004	0,013	0,114	FALSE
-0,039	0,288	-0,002	0,013	0,063	FALSE
0,001	0,281	0,000	0,012	0,010	FALSE
-0,020	0,290	-0,001	0,013	0,022	FALSE
0,070	0,280	0,001	0,007	0,052	FALSE
-0,022	0,287	0,001	0,008	0,027	FALSE
-0,067	0,294	-0,002	0,011	0,082	FALSE
0,133	0,281	0,004	0,013	0,126	FALSE
0,105	0,297	0,003	0,013	0,082	FALSE
0,103	0,300	0,003	0,014	0,083	FALSE
0,054	0,300	0,003	0,013	0,077	FALSE
-0,059	0,292	-0,001	0,015	0,015	FALSE
0,042	0,294	0,003	0,007	0,159	FALSE
-0,088	0,289	-0,002	0,009	0,069	FALSE
0,040	0,297	0,002	0,014	0,044	FALSE
-0,153	0,277	-0,005	0,010	0,201	FALSE
0,051	0,279	0,002	0,008	0,103	FALSE
-0,033	0,303	0,000	0,011	0,017	FALSE
-0,091	0,270	-0,005	0,015	0,123	FALSE
-0,094	0,291	-0,002	0,009	0,096	FALSE
-0,107	0,286	-0,003	0,009	0,132	FALSE
-0,103	0,283	-0,003	0,009	0,105	FALSE
-0,074	0,293	-0,002	0,009	0,083	FALSE
-0,022	0,293	0,001	0,011	0,024	FALSE
0,033	0,281	0,000	0,010	0,013	FALSE
-0,023	0,283	-0,002	0,010	0,056	FALSE
-0,077	0,270	0,000	0,013	0,001	FALSE
-0,041	0,285	0,001	0,012	0,038	FALSE
-0,004	0,294	-0,001	0,015	0,017	FALSE
-0,030	0,284	-0,002	0,009	0,097	FALSE
-0,291	0,270	-0,015	0,015	0,527	FALSE
-0,033	0,278	-0,001	0,014	0,021	FALSE
0,193	0,288	0,008	0,015	0,246	FALSE
0,159	0,291	0,007	0,014	0,222	FALSE
0,037	0,291	0,001	0,009	0,035	FALSE
-0,004	0,291	0,000	0,009	0,007	FALSE
0,137	0,292	0,004	0,011	0,160	FALSE
0,145	0,285	0,006	0,013	0,196	FALSE
0,181	0,279	0,008	0,013	0,272	FALSE
0,059	0,282	0,001	0,009	0,029	FALSE
-0,056	0,285	-0,001	0,013	0,019	FALSE
-0,028	0,295	-0,001	0,008	0,040	FALSE
-0,023	0,282	0,000	0,008	0,021	FALSE
0,043	0,283	0,001	0,014	0,013	FALSE
-0,061	0,289	-0,003	0,014	0,079	FALSE
-0,078	0,273	-0,003	0,013	0,075	FALSE
0,017	0,298	0,000	0,014	0,009	FALSE
0,006	0,295	-0,001	0,015	0,018	FALSE
0,073	0,285	0,003	0,013	0,080	FALSE
-0,137	0,284	-0,007	0,015	0,210	FALSE

0,013	0,284	0,002	0,013	0,048	FALSE
-0,034	0,286	-0,001	0,009	0,047	FALSE
0,008	0,293	-0,001	0,011	0,036	FALSE
-0,094	0,291	-0,002	0,007	0,105	FALSE
0,069	0,300	0,003	0,010	0,112	FALSE
-0,111	0,292	-0,002	0,008	0,112	FALSE
-0,101	0,292	-0,002	0,008	0,110	FALSE
-0,012	0,283	0,003	0,014	0,071	FALSE
-0,008	0,298	-0,001	0,011	0,050	FALSE
-0,044	0,294	-0,003	0,014	0,080	FALSE
0,070	0,296	0,002	0,013	0,070	FALSE
-0,141	0,279	-0,004	0,015	0,114	FALSE
-0,155	0,285	-0,004	0,008	0,186	FALSE
-0,009	0,294	0,000	0,008	0,005	FALSE
0,006	0,294	0,000	0,015	0,000	FALSE
-0,011	0,283	-0,002	0,013	0,065	FALSE
-0,067	0,281	-0,001	0,008	0,060	FALSE
-0,190	0,278	-0,005	0,012	0,169	FALSE
-0,059	0,292	-0,003	0,013	0,078	FALSE
0,029	0,288	0,001	0,011	0,024	FALSE
0,035	0,296	0,001	0,014	0,039	FALSE
0,070	0,286	0,003	0,011	0,111	FALSE
-0,073	0,292	0,000	0,009	0,001	FALSE
-0,090	0,275	-0,001	0,007	0,044	FALSE
0,065	0,292	0,002	0,011	0,083	FALSE
-0,176	0,285	-0,008	0,015	0,243	FALSE
-0,064	0,280	-0,001	0,007	0,052	FALSE
-0,012	0,300	-0,002	0,013	0,055	FALSE
-0,028	0,296	-0,002	0,015	0,043	FALSE
-0,142	0,303	-0,005	0,015	0,121	FALSE
0,062	0,289	0,002	0,012	0,060	FALSE
-0,137	0,295	-0,005	0,015	0,134	FALSE
-0,101	0,294	-0,005	0,014	0,127	FALSE
-0,008	0,294	-0,001	0,013	0,038	FALSE
0,215	0,271	0,009	0,012	0,364	FALSE
0,061	0,295	0,005	0,015	0,124	FALSE
-0,090	0,277	-0,004	0,013	0,115	FALSE
-0,109	0,282	-0,006	0,014	0,190	FALSE
-0,059	0,284	-0,003	0,014	0,091	FALSE
0,238	0,286	0,011	0,013	0,410	FALSE
0,007	0,289	0,001	0,010	0,038	FALSE
-0,128	0,272	-0,003	0,008	0,179	FALSE
0,067	0,282	0,000	0,009	0,005	FALSE
-0,079	0,276	-0,001	0,012	0,023	FALSE
0,169	0,293	0,006	0,012	0,191	FALSE
0,064	0,289	0,003	0,009	0,129	FALSE
0,025	0,278	0,001	0,010	0,029	FALSE
-0,115	0,292	-0,004	0,015	0,108	FALSE
-0,107	0,294	-0,004	0,015	0,094	FALSE
0,045	0,284	0,000	0,012	0,014	FALSE
-0,129	0,274	-0,001	0,012	0,045	FALSE
-0,054	0,292	-0,003	0,010	0,103	FALSE
-0,054	0,278	-0,003	0,012	0,091	FALSE

0,000	0,277	0,000	0,009	0,016	FALSE
0,137	0,270	0,004	0,010	0,148	FALSE
0,144	0,268	0,003	0,009	0,124	FALSE
0,094	0,285	0,004	0,008	0,192	FALSE
-0,005	0,289	0,001	0,014	0,019	FALSE
-0,008	0,290	0,001	0,015	0,017	FALSE
0,006	0,294	0,001	0,015	0,025	FALSE
0,039	0,292	0,001	0,009	0,030	FALSE
0,003	0,290	-0,001	0,010	0,026	FALSE
-0,055	0,277	-0,002	0,013	0,061	FALSE
-0,061	0,282	-0,002	0,013	0,072	FALSE
-0,001	0,273	-0,001	0,011	0,036	FALSE
0,121	0,289	0,005	0,010	0,191	FALSE
-0,135	0,284	-0,003	0,009	0,164	FALSE
-0,054	0,283	-0,003	0,012	0,080	FALSE
0,024	0,274	0,000	0,008	0,019	FALSE
-0,098	0,299	-0,004	0,014	0,113	FALSE
-0,188	0,274	-0,008	0,012	0,304	FALSE
0,001	0,284	0,000	0,014	0,000	FALSE
0,078	0,283	0,002	0,010	0,092	FALSE
-0,002	0,275	0,000	0,014	0,005	FALSE
0,058	0,295	0,001	0,011	0,046	FALSE
0,178	0,272	0,005	0,008	0,280	FALSE
-0,062	0,288	-0,002	0,013	0,055	FALSE
-0,055	0,292	0,000	0,010	0,016	FALSE
-0,073	0,279	-0,002	0,008	0,109	FALSE
-0,065	0,290	-0,003	0,011	0,089	FALSE
-0,065	0,275	-0,003	0,013	0,093	FALSE
-0,041	0,290	-0,004	0,015	0,094	FALSE
0,049	0,286	0,000	0,015	0,003	FALSE
0,019	0,282	0,000	0,014	0,009	FALSE
-0,034	0,279	0,000	0,008	0,010	FALSE
0,029	0,276	0,000	0,014	0,003	FALSE
-0,193	0,281	-0,007	0,010	0,298	FALSE
0,158	0,270	0,005	0,013	0,160	FALSE
0,092	0,289	0,003	0,015	0,079	FALSE
-0,012	0,284	0,001	0,007	0,027	FALSE
0,185	0,282	0,006	0,015	0,173	FALSE
-0,019	0,297	0,000	0,010	0,004	FALSE
-0,085	0,289	-0,003	0,009	0,133	FALSE
0,063	0,283	0,003	0,014	0,087	FALSE
0,077	0,284	0,004	0,014	0,107	FALSE
0,134	0,276	0,006	0,010	0,262	FALSE
-0,062	0,286	-0,001	0,008	0,038	FALSE
0,138	0,282	0,009	0,014	0,284	FALSE
0,140	0,285	0,003	0,014	0,080	FALSE
0,075	0,273	0,002	0,008	0,087	FALSE
-0,105	0,280	-0,002	0,007	0,104	FALSE
-0,100	0,285	-0,004	0,008	0,195	FALSE
0,080	0,283	0,003	0,012	0,112	FALSE
0,113	0,290	0,004	0,015	0,101	FALSE
-0,027	0,291	-0,002	0,011	0,074	FALSE
0,020	0,283	0,003	0,013	0,099	FALSE

0,040	0,289	0,003	0,010	0,109	FALSE
0,048	0,289	-0,001	0,010	0,031	FALSE
0,083	0,287	0,001	0,010	0,020	FALSE
-0,109	0,274	-0,008	0,015	0,218	FALSE
0,102	0,280	0,003	0,009	0,132	FALSE
0,011	0,268	0,003	0,013	0,072	FALSE
-0,079	0,282	-0,005	0,013	0,164	FALSE
-0,073	0,281	-0,001	0,008	0,054	FALSE
-0,098	0,292	-0,002	0,009	0,098	FALSE
0,121	0,281	0,004	0,012	0,156	FALSE
-0,070	0,289	-0,001	0,008	0,026	FALSE
0,026	0,286	0,001	0,008	0,030	FALSE
0,002	0,289	0,000	0,008	0,020	FALSE
0,004	0,291	0,000	0,010	0,011	FALSE
-0,134	0,285	-0,003	0,008	0,175	FALSE
0,061	0,288	0,002	0,013	0,068	FALSE
-0,066	0,282	-0,003	0,015	0,080	FALSE
-0,029	0,292	-0,001	0,010	0,052	FALSE
0,075	0,292	0,003	0,013	0,097	FALSE
-0,127	0,287	-0,003	0,007	0,155	FALSE
-0,185	0,289	-0,006	0,009	0,294	FALSE
-0,215	0,272	-0,007	0,008	0,378	FALSE
-0,226	0,283	-0,007	0,009	0,396	FALSE
-0,215	0,281	-0,006	0,008	0,354	FALSE
-0,036	0,289	0,000	0,008	0,002	FALSE
-0,120	0,281	-0,004	0,008	0,207	FALSE
-0,067	0,289	-0,001	0,008	0,059	FALSE
0,048	0,278	0,000	0,010	0,012	FALSE
-0,004	0,281	-0,001	0,009	0,037	FALSE
-0,022	0,282	-0,001	0,007	0,069	FALSE
0,063	0,287	0,001	0,009	0,055	FALSE
0,049	0,291	0,001	0,008	0,024	FALSE
0,024	0,298	-0,001	0,011	0,043	FALSE
-0,022	0,286	-0,002	0,010	0,059	FALSE
0,124	0,287	0,004	0,009	0,168	FALSE
-0,053	0,283	0,000	0,009	0,003	FALSE
0,113	0,284	0,001	0,009	0,033	FALSE
-0,196	0,274	-0,005	0,010	0,196	FALSE
-0,042	0,283	-0,001	0,007	0,043	FALSE
0,053	0,286	0,002	0,011	0,073	FALSE
0,054	0,271	0,000	0,010	0,008	FALSE
0,055	0,292	0,001	0,010	0,020	FALSE
0,159	0,289	0,003	0,008	0,174	FALSE
-0,016	0,279	-0,002	0,013	0,056	FALSE
-0,017	0,284	0,000	0,008	0,014	FALSE
-0,015	0,289	0,000	0,009	0,005	FALSE
0,020	0,302	0,001	0,014	0,017	FALSE
0,067	0,276	0,002	0,008	0,080	FALSE
0,156	0,278	0,006	0,013	0,190	FALSE
0,058	0,300	0,002	0,015	0,049	FALSE
-0,014	0,296	-0,001	0,015	0,025	FALSE
0,055	0,293	0,003	0,014	0,073	FALSE
-0,046	0,288	-0,002	0,014	0,045	FALSE

-0,118	0,300	-0,004	0,012	0,123	FALSE
0,058	0,289	0,002	0,008	0,089	FALSE
-0,118	0,289	-0,003	0,008	0,166	FALSE
0,104	0,276	0,003	0,013	0,099	FALSE
0,011	0,296	0,001	0,008	0,046	FALSE
-0,059	0,290	-0,002	0,008	0,082	FALSE
0,063	0,282	0,002	0,010	0,060	FALSE
-0,002	0,309	0,002	0,009	0,098	FALSE
-0,055	0,273	-0,002	0,008	0,075	FALSE
0,000	0,284	-0,002	0,015	0,037	FALSE
-0,012	0,279	-0,001	0,014	0,029	FALSE
-0,101	0,280	-0,003	0,014	0,079	FALSE
-0,118	0,293	-0,003	0,014	0,084	FALSE
-0,051	0,278	-0,002	0,009	0,076	FALSE
0,145	0,293	0,002	0,007	0,123	FALSE
-0,051	0,289	-0,004	0,012	0,125	FALSE
-0,059	0,296	-0,002	0,008	0,100	FALSE
-0,046	0,274	-0,003	0,012	0,093	FALSE
-0,028	0,290	-0,001	0,011	0,042	FALSE
-0,151	0,276	-0,004	0,008	0,232	FALSE
0,237	0,278	0,009	0,010	0,430	FALSE
0,160	0,282	0,004	0,008	0,230	FALSE
0,007	0,302	0,001	0,016	0,026	FALSE
0,064	0,286	0,002	0,015	0,038	FALSE
0,090	0,290	0,003	0,007	0,135	FALSE
0,035	0,304	0,001	0,015	0,012	FALSE
0,010	0,277	0,000	0,014	0,000	FALSE
-0,080	0,276	-0,004	0,008	0,181	FALSE
-0,086	0,290	-0,003	0,014	0,076	FALSE
-0,101	0,272	-0,006	0,010	0,230	FALSE
-0,058	0,279	-0,002	0,014	0,043	FALSE
0,063	0,283	0,001	0,011	0,036	FALSE
0,101	0,281	0,003	0,011	0,091	FALSE
0,111	0,279	0,004	0,014	0,115	FALSE
0,065	0,290	0,000	0,008	0,002	FALSE
-0,002	0,289	0,002	0,009	0,081	FALSE
-0,024	0,283	0,001	0,009	0,048	FALSE
-0,019	0,279	0,001	0,008	0,051	FALSE
-0,162	0,285	-0,003	0,008	0,145	FALSE
-0,019	0,300	-0,001	0,011	0,027	FALSE
0,072	0,294	0,003	0,014	0,076	FALSE
0,113	0,284	0,002	0,007	0,089	FALSE
-0,113	0,278	-0,002	0,014	0,042	FALSE
-0,045	0,293	-0,003	0,014	0,079	FALSE
-0,037	0,283	-0,002	0,014	0,060	FALSE
0,196	0,274	0,005	0,011	0,206	FALSE
0,174	0,284	0,006	0,015	0,149	FALSE
-0,024	0,313	-0,001	0,015	0,032	FALSE
-0,094	0,302	-0,004	0,014	0,098	FALSE
-0,156	0,301	-0,004	0,009	0,202	FALSE
-0,164	0,290	-0,005	0,013	0,147	FALSE
0,045	0,290	0,001	0,015	0,017	FALSE
0,009	0,279	-0,001	0,009	0,053	FALSE

-0,015	0,286	-0,001	0,009	0,045	FALSE
0,109	0,297	0,001	0,009	0,048	FALSE
-0,205	0,270	-0,006	0,009	0,285	FALSE
0,168	0,284	0,006	0,011	0,241	FALSE
-0,035	0,297	0,000	0,008	0,014	FALSE
0,026	0,285	0,004	0,013	0,109	FALSE
-0,040	0,278	-0,001	0,013	0,016	FALSE
0,045	0,288	0,001	0,010	0,035	FALSE
-0,037	0,281	-0,002	0,009	0,070	FALSE
-0,012	0,287	-0,001	0,009	0,022	FALSE
0,071	0,289	0,002	0,012	0,052	FALSE
-0,014	0,287	-0,004	0,015	0,111	FALSE
-0,014	0,292	-0,003	0,010	0,100	FALSE
-0,149	0,296	-0,009	0,015	0,240	FALSE
0,063	0,277	0,001	0,008	0,039	FALSE
-0,160	0,286	-0,003	0,008	0,174	FALSE
-0,081	0,281	-0,004	0,012	0,117	FALSE
-0,155	0,286	-0,004	0,009	0,159	FALSE
0,178	0,285	0,007	0,015	0,193	FALSE
-0,194	0,283	-0,004	0,007	0,208	FALSE
-0,014	0,285	0,001	0,007	0,048	FALSE
0,075	0,277	0,001	0,014	0,037	FALSE
-0,038	0,286	-0,001	0,007	0,056	FALSE
-0,129	0,283	-0,003	0,008	0,170	FALSE
-0,234	0,278	-0,005	0,008	0,279	FALSE
0,182	0,292	0,008	0,012	0,272	FALSE
-0,221	0,287	-0,005	0,008	0,264	FALSE
-0,254	0,287	-0,005	0,008	0,315	FALSE
-0,214	0,282	-0,005	0,008	0,259	FALSE
0,158	0,274	0,005	0,010	0,192	FALSE
0,035	0,276	0,000	0,008	0,018	FALSE
-0,031	0,310	0,000	0,015	0,006	FALSE
0,140	0,285	0,003	0,009	0,125	FALSE
0,066	0,287	0,000	0,009	0,006	FALSE
0,053	0,284	0,003	0,010	0,103	FALSE
0,038	0,281	0,003	0,013	0,085	FALSE
-0,088	0,280	-0,002	0,008	0,086	FALSE
0,133	0,283	0,005	0,015	0,118	FALSE
0,153	0,282	0,006	0,013	0,177	FALSE
-0,101	0,276	-0,004	0,013	0,121	FALSE
0,033	0,289	0,002	0,011	0,051	FALSE
-0,133	0,282	-0,006	0,013	0,169	FALSE
-0,013	0,287	-0,002	0,009	0,084	FALSE
-0,025	0,283	-0,002	0,014	0,065	FALSE
-0,006	0,284	0,000	0,013	0,014	FALSE
-0,085	0,282	-0,002	0,009	0,101	FALSE
0,071	0,274	0,000	0,008	0,021	FALSE
0,146	0,304	0,004	0,010	0,143	FALSE
0,031	0,288	0,001	0,007	0,062	FALSE
-0,122	0,276	-0,006	0,011	0,225	FALSE
-0,020	0,294	-0,002	0,015	0,052	FALSE
-0,189	0,278	-0,005	0,008	0,257	FALSE
-0,025	0,284	0,000	0,014	0,003	FALSE

0,068	0,300	0,002	0,014	0,043	FALSE
-0,064	0,281	-0,002	0,014	0,062	FALSE
0,018	0,299	0,000	0,009	0,004	FALSE
0,056	0,284	0,001	0,009	0,024	FALSE
0,030	0,292	0,000	0,010	0,004	FALSE
-0,008	0,281	-0,002	0,013	0,068	FALSE
0,127	0,276	0,003	0,010	0,097	FALSE
0,043	0,280	0,000	0,008	0,017	FALSE
-0,017	0,280	-0,003	0,011	0,090	FALSE
-0,049	0,288	-0,003	0,015	0,084	FALSE
-0,058	0,279	-0,001	0,013	0,033	FALSE
0,039	0,273	0,000	0,008	0,011	FALSE
-0,154	0,291	-0,006	0,014	0,186	FALSE
-0,019	0,279	-0,001	0,007	0,064	FALSE
-0,027	0,281	-0,001	0,008	0,064	FALSE
-0,089	0,294	-0,001	0,008	0,056	FALSE
-0,066	0,289	-0,002	0,011	0,059	FALSE
-0,133	0,282	-0,002	0,010	0,079	FALSE
-0,016	0,295	0,001	0,008	0,029	FALSE
-0,008	0,281	-0,002	0,013	0,044	FALSE
0,175	0,293	0,008	0,012	0,286	FALSE
0,128	0,277	0,002	0,010	0,065	FALSE
0,063	0,288	0,004	0,012	0,116	FALSE
0,158	0,286	0,007	0,013	0,255	FALSE
0,056	0,284	0,000	0,011	0,005	FALSE
-0,158	0,288	-0,004	0,009	0,215	FALSE
-0,023	0,278	0,001	0,013	0,016	FALSE
-0,061	0,281	-0,003	0,011	0,117	FALSE
-0,079	0,298	-0,004	0,012	0,124	FALSE
0,192	0,275	0,008	0,012	0,302	FALSE
0,168	0,261	0,011	0,014	0,365	FALSE
0,030	0,292	0,003	0,011	0,118	FALSE
-0,119	0,286	-0,003	0,013	0,096	FALSE
0,169	0,284	0,002	0,008	0,107	FALSE
0,076	0,267	0,000	0,009	0,002	FALSE
-0,030	0,290	-0,001	0,009	0,036	FALSE
0,022	0,299	0,000	0,007	0,001	FALSE
-0,013	0,285	-0,002	0,015	0,049	FALSE
0,188	0,301	0,009	0,013	0,294	FALSE
0,002	0,282	0,000	0,008	0,011	FALSE
-0,021	0,289	0,000	0,010	0,013	FALSE
-0,215	0,269	-0,004	0,008	0,253	FALSE
-0,108	0,297	-0,004	0,009	0,170	FALSE
0,177	0,287	0,007	0,012	0,229	FALSE
0,160	0,282	0,008	0,014	0,228	FALSE
-0,046	0,296	-0,001	0,012	0,017	FALSE
-0,024	0,293	-0,001	0,008	0,025	FALSE
-0,074	0,285	-0,002	0,009	0,078	FALSE
-0,067	0,280	-0,002	0,010	0,066	FALSE
-0,012	0,287	-0,002	0,014	0,065	FALSE
0,069	0,290	0,002	0,010	0,062	FALSE
0,139	0,285	0,004	0,013	0,102	FALSE
0,042	0,283	0,001	0,012	0,033	FALSE

-0,119	0,287	-0,003	0,011	0,102	FALSE
-0,002	0,283	0,000	0,014	0,003	FALSE
0,061	0,279	0,001	0,008	0,043	FALSE
-0,061	0,291	-0,003	0,015	0,068	FALSE
0,163	0,278	0,003	0,008	0,159	FALSE
-0,114	0,299	-0,004	0,015	0,102	FALSE
0,031	0,291	0,001	0,008	0,040	FALSE
-0,076	0,288	-0,002	0,009	0,079	FALSE
0,064	0,291	0,003	0,011	0,118	FALSE
-0,005	0,290	-0,002	0,012	0,049	FALSE
-0,012	0,293	0,000	0,012	0,010	FALSE
-0,088	0,292	-0,003	0,011	0,118	FALSE
0,192	0,281	0,006	0,009	0,305	FALSE
0,037	0,296	0,003	0,015	0,065	FALSE
0,053	0,288	0,001	0,009	0,033	FALSE
-0,121	0,290	-0,006	0,014	0,177	FALSE
-0,125	0,293	-0,005	0,015	0,126	FALSE
0,001	0,293	0,002	0,014	0,051	FALSE
0,060	0,289	0,000	0,012	0,003	FALSE
-0,050	0,286	-0,001	0,007	0,041	FALSE
0,027	0,278	0,002	0,011	0,056	FALSE
0,004	0,281	0,000	0,009	0,004	FALSE
0,035	0,288	0,003	0,014	0,091	FALSE
0,000	0,283	-0,001	0,008	0,034	FALSE
0,125	0,284	0,006	0,012	0,227	FALSE
0,067	0,289	0,002	0,014	0,064	FALSE
0,029	0,301	0,000	0,012	0,009	FALSE
0,128	0,274	0,005	0,009	0,218	FALSE
-0,080	0,290	-0,004	0,012	0,124	FALSE
-0,103	0,285	-0,003	0,011	0,119	FALSE
0,071	0,293	0,002	0,011	0,067	FALSE
0,061	0,296	0,002	0,008	0,084	FALSE
0,012	0,293	0,002	0,015	0,040	FALSE
0,101	0,285	0,003	0,008	0,130	FALSE
0,031	0,275	-0,001	0,008	0,063	FALSE
0,017	0,274	-0,001	0,010	0,032	FALSE
0,139	0,265	0,007	0,010	0,299	FALSE
-0,006	0,286	-0,002	0,015	0,061	FALSE
0,066	0,281	0,000	0,013	0,001	FALSE
-0,031	0,279	-0,001	0,007	0,064	FALSE
-0,036	0,296	0,001	0,012	0,019	FALSE
-0,048	0,293	0,001	0,011	0,029	FALSE
-0,070	0,297	-0,001	0,013	0,039	FALSE
-0,063	0,287	-0,002	0,014	0,047	FALSE
0,080	0,300	0,005	0,015	0,147	FALSE
0,119	0,296	0,003	0,010	0,122	FALSE
-0,144	0,277	-0,005	0,011	0,205	FALSE
-0,026	0,287	-0,002	0,010	0,068	FALSE
0,108	0,284	0,003	0,008	0,138	FALSE
-0,055	0,277	-0,001	0,010	0,043	FALSE
0,000	0,285	-0,001	0,014	0,019	FALSE
0,177	0,270	0,007	0,012	0,261	FALSE
-0,159	0,273	-0,006	0,012	0,208	FALSE

0,120	0,273	0,005	0,012	0,157	FALSE
-0,006	0,287	0,000	0,013	0,002	FALSE
0,141	0,285	0,003	0,009	0,165	FALSE
0,078	0,302	0,003	0,014	0,094	FALSE
0,076	0,291	0,002	0,012	0,068	FALSE
0,108	0,275	0,006	0,014	0,182	FALSE
-0,038	0,279	-0,004	0,015	0,096	FALSE
0,149	0,272	0,003	0,009	0,157	FALSE
-0,065	0,275	-0,003	0,010	0,133	FALSE
0,042	0,290	0,002	0,014	0,041	FALSE
-0,037	0,282	-0,003	0,013	0,075	FALSE
0,138	0,288	0,004	0,012	0,126	FALSE
-0,043	0,281	-0,001	0,009	0,028	FALSE
-0,006	0,292	0,000	0,009	0,006	FALSE
-0,059	0,283	-0,003	0,011	0,100	FALSE
-0,036	0,292	-0,003	0,012	0,101	FALSE
-0,031	0,295	-0,003	0,012	0,086	FALSE
-0,009	0,303	-0,002	0,016	0,052	FALSE
0,021	0,297	0,001	0,014	0,016	FALSE
0,011	0,285	0,001	0,014	0,015	FALSE
0,083	0,289	0,001	0,009	0,051	FALSE
-0,104	0,292	-0,002	0,012	0,067	FALSE
-0,084	0,285	-0,002	0,014	0,043	FALSE
-0,166	0,279	-0,004	0,009	0,165	FALSE
0,054	0,274	0,000	0,008	0,016	FALSE
0,182	0,272	0,004	0,010	0,161	FALSE
0,178	0,288	0,004	0,010	0,157	FALSE
0,126	0,287	0,003	0,010	0,105	FALSE
0,162	0,282	0,008	0,015	0,222	FALSE
0,071	0,288	0,003	0,014	0,067	FALSE
0,019	0,281	0,002	0,014	0,042	FALSE
-0,105	0,280	-0,003	0,008	0,121	FALSE
0,018	0,284	-0,001	0,009	0,039	FALSE
-0,058	0,282	0,000	0,010	0,006	FALSE
-0,112	0,276	-0,007	0,011	0,252	FALSE
0,009	0,278	0,002	0,010	0,062	FALSE
0,070	0,282	0,003	0,009	0,117	FALSE
-0,005	0,291	0,001	0,008	0,026	FALSE
0,043	0,284	0,002	0,012	0,067	FALSE
0,025	0,288	0,001	0,012	0,030	FALSE
-0,052	0,287	-0,002	0,009	0,088	FALSE
-0,137	0,284	-0,003	0,008	0,171	FALSE
0,088	0,292	0,001	0,010	0,038	FALSE
0,048	0,293	0,003	0,010	0,111	FALSE
-0,032	0,273	-0,002	0,013	0,050	FALSE
0,090	0,304	0,004	0,014	0,107	FALSE
0,035	0,282	-0,001	0,009	0,020	FALSE
0,039	0,283	0,001	0,011	0,018	FALSE
-0,023	0,282	-0,002	0,012	0,051	FALSE
0,118	0,282	0,005	0,014	0,157	FALSE
0,095	0,298	0,004	0,014	0,125	FALSE
0,089	0,284	0,004	0,011	0,149	FALSE
-0,257	0,273	-0,011	0,014	0,382	FALSE

0,009	0,286	0,000	0,011	0,014	FALSE
0,117	0,280	0,003	0,009	0,124	FALSE
0,017	0,292	-0,002	0,014	0,043	FALSE
0,001	0,285	0,001	0,014	0,038	FALSE
0,046	0,292	0,002	0,015	0,056	FALSE
0,004	0,293	-0,001	0,013	0,024	FALSE
-0,018	0,281	-0,002	0,012	0,051	FALSE
-0,003	0,286	-0,001	0,012	0,035	FALSE
-0,014	0,290	0,001	0,014	0,033	FALSE
0,026	0,277	0,001	0,013	0,028	FALSE
-0,009	0,291	-0,002	0,016	0,055	FALSE
0,047	0,295	0,000	0,014	0,004	FALSE
-0,086	0,282	-0,003	0,010	0,120	FALSE
-0,073	0,296	-0,003	0,015	0,085	FALSE
-0,043	0,293	-0,002	0,015	0,042	FALSE
0,022	0,292	0,000	0,008	0,010	FALSE
0,055	0,275	0,001	0,012	0,033	FALSE
-0,119	0,277	-0,002	0,008	0,104	FALSE
0,010	0,285	-0,001	0,012	0,021	FALSE
0,017	0,279	-0,001	0,009	0,020	FALSE
-0,177	0,286	-0,004	0,008	0,216	FALSE
-0,031	0,285	0,000	0,009	0,001	FALSE
0,192	0,275	0,003	0,008	0,147	FALSE
0,014	0,286	-0,001	0,007	0,056	FALSE
0,034	0,286	0,001	0,011	0,026	FALSE
-0,055	0,295	-0,002	0,015	0,062	FALSE
0,027	0,293	0,001	0,011	0,035	FALSE
0,124	0,274	0,004	0,009	0,163	FALSE
0,140	0,284	0,003	0,008	0,160	FALSE
-0,001	0,279	0,000	0,007	0,002	FALSE
-0,018	0,290	-0,001	0,011	0,028	FALSE
-0,013	0,281	-0,001	0,011	0,026	FALSE
-0,004	0,286	0,000	0,011	0,006	FALSE
0,014	0,278	-0,001	0,011	0,030	FALSE
-0,068	0,290	-0,005	0,015	0,127	FALSE
-0,005	0,278	-0,002	0,010	0,054	FALSE
0,159	0,292	0,006	0,010	0,294	FALSE
0,060	0,301	0,001	0,012	0,037	FALSE
-0,025	0,293	-0,001	0,008	0,050	FALSE
-0,199	0,270	-0,007	0,009	0,345	FALSE
0,240	0,273	0,008	0,013	0,288	FALSE
0,177	0,284	0,006	0,011	0,242	FALSE
-0,074	0,295	-0,002	0,014	0,050	FALSE
-0,058	0,294	-0,002	0,014	0,053	FALSE
0,075	0,287	0,004	0,012	0,125	FALSE
0,213	0,290	0,008	0,015	0,232	FALSE
-0,136	0,283	-0,004	0,010	0,187	FALSE
0,060	0,304	0,003	0,013	0,092	FALSE
0,145	0,272	0,004	0,010	0,168	FALSE
0,017	0,292	0,000	0,009	0,011	FALSE
0,009	0,304	0,001	0,015	0,015	FALSE
-0,123	0,278	-0,007	0,015	0,204	FALSE
-0,048	0,274	-0,004	0,015	0,116	FALSE

-0,054	0,280	-0,005	0,015	0,132	FALSE
-0,041	0,289	-0,003	0,012	0,082	FALSE
-0,098	0,259	-0,002	0,009	0,090	FALSE
0,063	0,263	0,000	0,012	0,011	FALSE
-0,077	0,279	-0,003	0,011	0,110	FALSE
0,020	0,288	0,001	0,009	0,024	FALSE
0,107	0,288	0,003	0,013	0,076	FALSE
0,008	0,300	0,000	0,012	0,007	FALSE
-0,156	0,287	-0,003	0,008	0,143	FALSE
-0,043	0,281	-0,002	0,014	0,045	FALSE
-0,089	0,286	-0,003	0,011	0,107	FALSE
-0,053	0,276	0,000	0,010	0,002	FALSE
0,258	0,269	0,009	0,011	0,388	FALSE
0,054	0,280	0,004	0,013	0,115	FALSE
-0,072	0,257	-0,001	0,009	0,052	FALSE
-0,098	0,274	-0,003	0,014	0,092	FALSE
-0,071	0,270	-0,004	0,013	0,122	FALSE
0,111	0,289	0,004	0,009	0,184	FALSE
-0,061	0,278	-0,001	0,011	0,044	FALSE
-0,057	0,286	-0,002	0,013	0,064	FALSE
0,070	0,276	0,002	0,013	0,045	FALSE
0,041	0,295	0,003	0,013	0,094	FALSE
-0,046	0,285	0,000	0,008	0,001	FALSE
-0,069	0,288	-0,004	0,014	0,120	FALSE
0,076	0,286	0,005	0,014	0,137	FALSE
-0,091	0,289	-0,005	0,014	0,130	FALSE
-0,052	0,286	0,000	0,008	0,008	FALSE
0,065	0,283	0,005	0,014	0,125	FALSE
-0,110	0,293	-0,005	0,014	0,152	FALSE
0,001	0,286	-0,001	0,014	0,020	FALSE
0,067	0,298	0,002	0,010	0,073	FALSE
-0,033	0,285	0,000	0,009	0,000	FALSE
0,140	0,280	0,004	0,011	0,152	FALSE
-0,038	0,298	0,001	0,009	0,024	FALSE
0,131	0,297	0,005	0,009	0,231	FALSE
0,184	0,280	0,005	0,011	0,187	FALSE
0,166	0,282	0,002	0,007	0,130	FALSE
0,258	0,260	0,010	0,013	0,380	FALSE
-0,052	0,290	-0,004	0,013	0,117	FALSE
0,171	0,283	0,004	0,009	0,171	FALSE
0,026	0,295	0,001	0,009	0,026	FALSE
-0,025	0,287	-0,001	0,008	0,028	FALSE
-0,167	0,269	-0,004	0,013	0,116	FALSE
-0,008	0,295	0,001	0,007	0,047	FALSE
-0,030	0,281	0,000	0,007	0,009	FALSE
-0,135	0,288	-0,005	0,013	0,153	FALSE
-0,119	0,289	-0,003	0,007	0,166	FALSE
0,135	0,280	0,008	0,014	0,230	FALSE
-0,049	0,302	-0,001	0,009	0,039	FALSE
0,210	0,276	0,009	0,015	0,260	FALSE
-0,027	0,298	-0,001	0,008	0,062	FALSE
0,069	0,285	0,002	0,008	0,076	FALSE
-0,031	0,290	0,000	0,009	0,003	FALSE

0,058	0,281	0,002	0,008	0,089	FALSE
0,119	0,284	0,004	0,011	0,138	FALSE
-0,029	0,285	-0,002	0,008	0,083	FALSE
-0,032	0,285	-0,003	0,013	0,081	FALSE
0,002	0,284	-0,001	0,013	0,041	FALSE
0,020	0,279	0,001	0,008	0,026	FALSE
0,090	0,298	0,002	0,008	0,094	FALSE
-0,163	0,268	-0,005	0,009	0,248	FALSE
-0,051	0,287	-0,003	0,010	0,107	FALSE
-0,018	0,288	-0,001	0,008	0,030	FALSE
0,116	0,290	0,002	0,009	0,080	FALSE
-0,292	0,279	-0,014	0,015	0,437	FALSE
-0,145	0,270	-0,005	0,012	0,179	FALSE
-0,162	0,274	-0,007	0,013	0,235	FALSE
0,195	0,288	0,006	0,009	0,299	FALSE
-0,073	0,296	-0,001	0,010	0,051	FALSE
-0,167	0,283	-0,003	0,008	0,171	FALSE
-0,107	0,275	-0,004	0,008	0,189	FALSE
-0,020	0,268	-0,001	0,009	0,049	FALSE
0,074	0,284	0,002	0,008	0,075	FALSE
-0,103	0,296	-0,004	0,013	0,120	FALSE
-0,079	0,286	-0,004	0,013	0,127	FALSE
0,045	0,285	0,001	0,010	0,050	FALSE
-0,037	0,301	-0,001	0,015	0,030	FALSE
-0,008	0,282	0,002	0,010	0,066	FALSE
-0,033	0,292	0,002	0,010	0,064	FALSE
0,090	0,286	0,004	0,015	0,103	FALSE
0,099	0,293	0,004	0,014	0,113	FALSE
0,048	0,289	0,002	0,015	0,055	FALSE
0,039	0,289	0,003	0,010	0,111	FALSE
0,085	0,281	0,003	0,015	0,082	FALSE
-0,122	0,273	-0,005	0,014	0,148	FALSE
-0,015	0,295	0,000	0,009	0,018	FALSE
-0,050	0,284	-0,003	0,013	0,082	FALSE
0,190	0,286	0,007	0,012	0,268	FALSE
0,107	0,262	0,000	0,012	0,001	FALSE
0,092	0,280	0,002	0,013	0,045	FALSE
0,037	0,296	0,003	0,014	0,084	FALSE
-0,067	0,271	-0,002	0,015	0,062	FALSE
-0,093	0,283	-0,004	0,015	0,107	FALSE
0,024	0,278	-0,002	0,010	0,066	FALSE
-0,072	0,283	-0,002	0,011	0,077	FALSE
0,075	0,291	0,005	0,009	0,238	FALSE
0,004	0,296	0,003	0,009	0,120	FALSE
0,086	0,282	0,002	0,012	0,075	FALSE
0,053	0,285	0,004	0,012	0,148	FALSE
-0,079	0,274	-0,004	0,011	0,142	FALSE
-0,058	0,287	-0,002	0,009	0,101	FALSE
-0,082	0,276	-0,002	0,008	0,127	FALSE
-0,063	0,296	-0,005	0,014	0,125	FALSE
0,097	0,270	0,002	0,009	0,096	FALSE
-0,044	0,294	-0,001	0,012	0,037	FALSE
-0,023	0,284	-0,001	0,007	0,068	FALSE

0,044	0,298	0,002	0,012	0,069	FALSE
0,041	0,286	0,002	0,011	0,058	FALSE
-0,057	0,284	-0,002	0,015	0,058	FALSE
0,211	0,285	0,008	0,012	0,296	FALSE
0,031	0,297	0,002	0,014	0,040	FALSE
0,067	0,284	0,005	0,014	0,139	FALSE
0,001	0,284	0,002	0,009	0,070	FALSE
-0,085	0,296	-0,004	0,010	0,181	FALSE
0,020	0,287	-0,001	0,007	0,072	FALSE
0,125	0,292	0,006	0,014	0,169	FALSE
-0,040	0,290	0,001	0,010	0,030	FALSE
0,052	0,279	0,003	0,007	0,135	FALSE
-0,026	0,275	-0,001	0,007	0,034	FALSE
-0,043	0,274	-0,001	0,012	0,042	FALSE
-0,165	0,270	-0,006	0,012	0,232	FALSE
-0,078	0,264	-0,002	0,008	0,105	FALSE
0,011	0,281	0,005	0,015	0,118	FALSE
-0,022	0,289	-0,004	0,015	0,102	FALSE
-0,124	0,287	-0,002	0,009	0,074	FALSE
0,021	0,277	0,001	0,008	0,030	FALSE
-0,023	0,294	0,000	0,008	0,013	FALSE
-0,003	0,283	-0,001	0,009	0,034	FALSE
0,023	0,286	0,001	0,008	0,035	FALSE
0,042	0,284	0,001	0,009	0,030	FALSE
-0,079	0,287	-0,005	0,013	0,158	FALSE
0,012	0,294	0,000	0,010	0,006	FALSE
0,011	0,284	0,000	0,009	0,002	FALSE
0,063	0,288	0,002	0,013	0,043	FALSE
0,097	0,283	0,005	0,014	0,131	FALSE
-0,068	0,291	-0,001	0,007	0,052	FALSE
-0,244	0,269	-0,008	0,013	0,300	FALSE
0,129	0,281	0,003	0,008	0,142	FALSE
0,112	0,299	0,003	0,010	0,102	FALSE
-0,090	0,292	-0,001	0,009	0,052	FALSE
-0,057	0,293	-0,004	0,014	0,106	FALSE
0,059	0,290	0,002	0,013	0,055	FALSE
-0,097	0,295	-0,001	0,009	0,062	FALSE
-0,012	0,285	0,000	0,009	0,005	FALSE
-0,062	0,284	-0,003	0,011	0,099	FALSE
-0,131	0,293	-0,003	0,008	0,175	FALSE
0,036	0,302	0,001	0,009	0,037	FALSE
0,011	0,274	-0,002	0,013	0,055	FALSE
-0,072	0,271	-0,001	0,010	0,023	FALSE
-0,123	0,275	-0,002	0,009	0,107	FALSE
0,095	0,296	0,003	0,009	0,141	FALSE
-0,164	0,279	-0,004	0,012	0,140	FALSE
-0,105	0,283	-0,003	0,012	0,093	FALSE
0,067	0,295	0,002	0,013	0,054	FALSE
-0,072	0,282	-0,001	0,007	0,050	FALSE
0,028	0,278	0,005	0,014	0,127	FALSE
-0,007	0,284	0,001	0,009	0,026	FALSE
-0,091	0,289	-0,001	0,008	0,067	FALSE
-0,049	0,273	-0,003	0,009	0,115	FALSE

0,202	0,274	0,004	0,009	0,208	FALSE
-0,107	0,289	-0,005	0,014	0,155	FALSE
-0,076	0,288	-0,003	0,014	0,076	FALSE
-0,064	0,269	-0,003	0,013	0,077	FALSE
-0,137	0,291	-0,004	0,014	0,114	FALSE
0,062	0,290	0,002	0,009	0,083	FALSE
-0,108	0,287	-0,001	0,007	0,075	FALSE
-0,071	0,273	-0,005	0,013	0,165	FALSE
0,250	0,299	0,007	0,010	0,304	FALSE
-0,040	0,288	-0,001	0,009	0,023	FALSE
0,072	0,286	0,002	0,011	0,052	FALSE
-0,079	0,285	-0,001	0,014	0,030	FALSE
-0,042	0,288	-0,001	0,009	0,046	FALSE
-0,068	0,280	-0,002	0,009	0,079	FALSE
-0,039	0,285	-0,001	0,009	0,023	FALSE
-0,130	0,273	-0,007	0,013	0,217	FALSE
0,008	0,275	0,000	0,010	0,001	FALSE
0,011	0,285	0,000	0,010	0,018	FALSE
-0,020	0,285	-0,001	0,010	0,041	FALSE
0,005	0,270	-0,001	0,012	0,032	FALSE
-0,104	0,287	-0,002	0,007	0,124	FALSE
0,068	0,295	0,002	0,015	0,044	FALSE
0,127	0,290	0,006	0,013	0,186	FALSE
0,023	0,278	0,001	0,009	0,030	FALSE
0,028	0,297	0,001	0,008	0,055	FALSE
-0,020	0,277	-0,002	0,013	0,042	FALSE
-0,033	0,277	-0,002	0,013	0,063	FALSE
0,125	0,280	0,003	0,008	0,163	FALSE
0,000	0,303	0,000	0,008	0,021	FALSE
0,165	0,283	0,006	0,009	0,286	FALSE
0,036	0,295	0,001	0,012	0,032	FALSE
-0,024	0,274	0,001	0,008	0,030	FALSE
0,004	0,283	-0,001	0,008	0,052	FALSE
0,008	0,286	0,000	0,011	0,010	FALSE
0,036	0,291	0,001	0,010	0,021	FALSE
0,057	0,276	0,001	0,010	0,048	FALSE
0,113	0,293	0,006	0,013	0,197	FALSE
0,131	0,287	0,007	0,013	0,211	FALSE
0,151	0,275	0,007	0,011	0,290	FALSE
-0,037	0,281	0,000	0,010	0,009	FALSE
-0,016	0,292	0,000	0,008	0,020	FALSE
0,028	0,295	0,002	0,009	0,068	FALSE
0,117	0,281	0,001	0,008	0,063	FALSE
-0,043	0,274	-0,002	0,007	0,107	FALSE
-0,006	0,298	0,000	0,010	0,009	FALSE
0,050	0,284	0,000	0,013	0,008	FALSE
-0,004	0,282	-0,002	0,008	0,083	FALSE
0,073	0,295	0,003	0,014	0,079	FALSE
-0,020	0,277	-0,001	0,012	0,037	FALSE
0,027	0,282	0,002	0,015	0,057	FALSE
-0,034	0,289	-0,002	0,012	0,057	FALSE
-0,189	0,276	-0,004	0,007	0,278	FALSE
0,013	0,277	-0,001	0,008	0,040	FALSE

-0,090	0,280	-0,003	0,010	0,117	FALSE
-0,110	0,280	-0,004	0,014	0,125	FALSE
0,173	0,291	0,007	0,012	0,240	FALSE
0,089	0,286	0,002	0,009	0,071	FALSE
-0,007	0,292	0,001	0,009	0,046	FALSE
0,143	0,296	0,005	0,013	0,164	FALSE
0,107	0,299	0,003	0,010	0,108	FALSE
0,086	0,301	0,002	0,010	0,072	FALSE
-0,194	0,279	-0,005	0,007	0,289	FALSE
0,010	0,296	0,001	0,009	0,033	FALSE
-0,011	0,294	0,001	0,008	0,028	FALSE
-0,004	0,286	0,000	0,014	0,005	FALSE
0,100	0,286	0,002	0,008	0,087	FALSE
-0,019	0,278	-0,001	0,009	0,024	FALSE
0,007	0,271	-0,001	0,011	0,021	FALSE
-0,010	0,286	0,000	0,009	0,001	FALSE
-0,061	0,276	-0,002	0,011	0,056	FALSE
-0,045	0,285	-0,001	0,008	0,028	FALSE
-0,056	0,300	-0,002	0,008	0,089	FALSE
0,145	0,284	0,002	0,008	0,113	FALSE
0,165	0,296	0,005	0,014	0,141	FALSE
0,025	0,308	0,000	0,011	0,001	FALSE
0,151	0,297	0,004	0,009	0,180	FALSE
-0,150	0,283	-0,004	0,010	0,178	FALSE
-0,019	0,282	-0,001	0,010	0,050	FALSE
-0,072	0,299	-0,001	0,012	0,032	FALSE
-0,059	0,282	-0,002	0,015	0,060	FALSE
-0,062	0,290	-0,001	0,009	0,045	FALSE
-0,111	0,286	-0,004	0,007	0,217	FALSE
-0,112	0,292	-0,004	0,013	0,109	FALSE
0,059	0,291	0,003	0,012	0,103	FALSE
-0,078	0,297	-0,002	0,013	0,062	FALSE
-0,094	0,281	-0,004	0,007	0,202	FALSE
-0,073	0,289	-0,003	0,008	0,132	FALSE
0,000	0,290	0,001	0,007	0,046	FALSE
0,005	0,304	0,000	0,008	0,010	FALSE
-0,201	0,274	-0,007	0,011	0,280	FALSE
0,135	0,286	0,003	0,008	0,168	FALSE
0,014	0,273	-0,001	0,012	0,036	FALSE
0,057	0,266	0,003	0,014	0,094	FALSE
0,080	0,293	0,002	0,009	0,072	FALSE
-0,149	0,270	-0,006	0,013	0,181	FALSE
-0,094	0,289	-0,004	0,008	0,192	FALSE
-0,232	0,285	-0,007	0,011	0,287	FALSE
-0,073	0,290	-0,001	0,008	0,027	FALSE
0,236	0,276	0,011	0,015	0,329	FALSE
0,245	0,267	0,011	0,014	0,365	FALSE
-0,110	0,288	-0,001	0,008	0,062	FALSE
0,072	0,301	0,003	0,014	0,090	FALSE
0,005	0,285	-0,001	0,008	0,038	FALSE
0,041	0,284	0,003	0,013	0,073	FALSE
0,003	0,272	0,002	0,014	0,065	FALSE
-0,095	0,290	-0,001	0,014	0,035	FALSE

0,039	0,299	0,001	0,009	0,027	FALSE
-0,027	0,281	-0,003	0,010	0,104	FALSE
-0,164	0,276	-0,004	0,009	0,177	FALSE
0,010	0,284	0,002	0,014	0,057	FALSE
-0,098	0,283	-0,004	0,010	0,160	FALSE
-0,178	0,259	-0,004	0,007	0,239	FALSE
0,098	0,293	0,001	0,007	0,072	FALSE
-0,175	0,289	-0,006	0,009	0,283	FALSE
0,179	0,272	0,004	0,009	0,179	FALSE
0,028	0,269	0,002	0,007	0,091	FALSE
0,048	0,276	-0,001	0,011	0,047	FALSE
0,042	0,281	0,001	0,013	0,016	FALSE
-0,008	0,304	-0,002	0,014	0,039	FALSE
0,067	0,291	0,003	0,015	0,064	FALSE
0,091	0,283	0,003	0,015	0,064	FALSE
-0,154	0,283	-0,004	0,013	0,133	FALSE
0,000	0,287	0,001	0,007	0,027	FALSE
-0,061	0,285	-0,001	0,007	0,037	FALSE
-0,177	0,283	-0,008	0,013	0,263	FALSE
-0,107	0,285	-0,002	0,009	0,096	FALSE
0,061	0,275	0,002	0,008	0,087	FALSE
0,055	0,301	0,003	0,011	0,101	FALSE
-0,081	0,280	-0,002	0,009	0,068	FALSE
-0,045	0,295	0,001	0,014	0,026	FALSE
0,192	0,268	0,004	0,009	0,153	FALSE
-0,024	0,291	0,001	0,008	0,029	FALSE
0,022	0,291	0,001	0,011	0,027	FALSE
-0,195	0,279	-0,005	0,008	0,264	FALSE
0,011	0,286	-0,002	0,015	0,051	FALSE
0,065	0,285	0,001	0,007	0,072	FALSE
0,085	0,291	0,003	0,008	0,152	FALSE
0,022	0,280	0,000	0,011	0,013	FALSE
-0,065	0,291	-0,001	0,009	0,052	FALSE
-0,017	0,285	0,000	0,011	0,005	FALSE
-0,026	0,292	0,000	0,008	0,017	FALSE
-0,090	0,287	-0,003	0,011	0,104	FALSE
-0,088	0,275	-0,005	0,014	0,138	FALSE
-0,042	0,292	-0,003	0,015	0,062	FALSE
-0,006	0,283	-0,002	0,014	0,048	FALSE
0,163	0,277	0,009	0,014	0,263	FALSE
0,106	0,283	0,002	0,009	0,087	FALSE
0,055	0,303	0,002	0,009	0,087	FALSE
-0,059	0,281	-0,001	0,007	0,052	FALSE
-0,178	0,276	-0,007	0,013	0,245	FALSE
-0,054	0,280	-0,002	0,009	0,091	FALSE
-0,071	0,283	-0,002	0,008	0,091	FALSE
0,201	0,281	0,004	0,008	0,218	FALSE
0,103	0,289	0,004	0,013	0,110	FALSE
0,133	0,280	0,003	0,009	0,158	FALSE
-0,076	0,286	-0,001	0,009	0,057	FALSE
0,004	0,282	0,000	0,011	0,008	FALSE
-0,203	0,272	-0,007	0,011	0,294	FALSE
0,063	0,285	0,003	0,008	0,139	FALSE

-0,162	0,278	-0,003	0,009	0,142	FALSE
-0,053	0,277	0,000	0,014	0,005	FALSE
-0,058	0,266	-0,002	0,009	0,101	FALSE
0,128	0,290	0,003	0,010	0,096	FALSE
-0,137	0,290	-0,007	0,013	0,233	FALSE
-0,011	0,288	0,000	0,011	0,013	FALSE
0,160	0,291	0,004	0,009	0,164	FALSE
-0,168	0,279	-0,005	0,015	0,130	FALSE
-0,032	0,285	-0,001	0,008	0,035	FALSE
-0,040	0,286	-0,001	0,009	0,024	FALSE
-0,060	0,281	-0,004	0,011	0,129	FALSE
0,006	0,287	-0,001	0,014	0,020	FALSE
-0,061	0,285	-0,007	0,015	0,206	FALSE
-0,062	0,286	-0,004	0,012	0,142	FALSE
0,044	0,283	0,000	0,008	0,006	FALSE
0,019	0,292	0,000	0,014	0,008	FALSE
0,122	0,279	0,004	0,011	0,148	FALSE
-0,095	0,290	-0,004	0,014	0,112	FALSE
-0,183	0,297	-0,004	0,009	0,179	FALSE
-0,030	0,292	-0,004	0,011	0,126	FALSE
-0,017	0,293	-0,003	0,012	0,102	FALSE
-0,068	0,290	0,000	0,010	0,008	FALSE
-0,041	0,296	0,000	0,013	0,002	FALSE
0,113	0,282	0,004	0,009	0,214	FALSE
0,053	0,301	0,002	0,008	0,112	FALSE
-0,008	0,272	-0,001	0,007	0,078	FALSE
-0,033	0,287	-0,001	0,009	0,028	FALSE
-0,027	0,285	-0,001	0,010	0,035	FALSE
0,092	0,290	0,001	0,008	0,071	FALSE
-0,054	0,278	0,000	0,008	0,017	FALSE
-0,198	0,291	-0,007	0,015	0,177	FALSE
0,012	0,280	0,002	0,011	0,072	FALSE
0,077	0,304	0,002	0,010	0,072	FALSE
0,123	0,290	0,004	0,008	0,221	FALSE
0,061	0,291	0,001	0,009	0,063	FALSE
0,144	0,290	0,004	0,009	0,177	FALSE
0,081	0,283	0,006	0,015	0,149	FALSE
0,002	0,267	0,001	0,014	0,027	FALSE
-0,026	0,294	-0,001	0,009	0,022	FALSE
0,006	0,294	0,001	0,009	0,028	FALSE
-0,084	0,284	-0,003	0,007	0,162	FALSE
0,031	0,286	0,000	0,007	0,007	FALSE
0,143	0,276	0,003	0,010	0,105	FALSE
-0,001	0,283	0,001	0,009	0,042	FALSE
-0,014	0,280	-0,001	0,008	0,033	FALSE
0,011	0,289	0,000	0,010	0,010	FALSE
0,060	0,283	0,002	0,010	0,075	FALSE
0,108	0,285	0,001	0,008	0,060	FALSE
-0,046	0,289	-0,001	0,013	0,037	FALSE
-0,046	0,278	-0,001	0,010	0,044	FALSE
-0,107	0,281	-0,003	0,007	0,162	FALSE
-0,074	0,283	-0,005	0,014	0,146	FALSE
-0,070	0,275	-0,003	0,008	0,170	FALSE

-0,046	0,283	-0,002	0,011	0,067	FALSE
-0,048	0,291	-0,002	0,014	0,044	FALSE
-0,022	0,290	0,000	0,009	0,006	FALSE
-0,100	0,265	-0,002	0,011	0,081	FALSE
-0,100	0,284	-0,002	0,008	0,104	FALSE
0,200	0,288	0,006	0,010	0,253	FALSE
-0,055	0,292	-0,005	0,014	0,131	FALSE
0,193	0,299	0,004	0,009	0,172	FALSE
0,241	0,285	0,010	0,013	0,351	FALSE
-0,075	0,281	-0,007	0,015	0,204	FALSE
-0,067	0,271	-0,003	0,008	0,164	FALSE
-0,080	0,293	-0,001	0,008	0,030	FALSE
-0,160	0,282	-0,005	0,008	0,251	FALSE
0,116	0,280	0,003	0,007	0,167	FALSE
0,078	0,273	-0,001	0,014	0,026	FALSE
-0,038	0,284	-0,001	0,008	0,023	FALSE
0,141	0,283	0,007	0,010	0,317	FALSE
-0,108	0,290	-0,004	0,009	0,179	FALSE
-0,071	0,282	-0,002	0,011	0,055	FALSE
-0,070	0,278	0,000	0,008	0,015	FALSE
-0,138	0,288	-0,003	0,008	0,161	FALSE
0,036	0,282	0,000	0,008	0,011	FALSE
-0,243	0,276	-0,006	0,008	0,351	FALSE
0,087	0,294	0,002	0,009	0,069	FALSE
0,130	0,292	0,003	0,010	0,101	FALSE
0,085	0,280	0,002	0,008	0,074	FALSE
0,026	0,290	0,003	0,013	0,088	FALSE
0,012	0,294	0,002	0,013	0,056	FALSE
-0,117	0,273	-0,003	0,012	0,083	FALSE
-0,069	0,291	-0,003	0,015	0,067	FALSE
-0,060	0,289	-0,002	0,013	0,041	FALSE
-0,203	0,280	-0,005	0,007	0,291	FALSE
-0,017	0,293	-0,001	0,013	0,018	FALSE
0,080	0,281	0,002	0,007	0,085	FALSE
-0,098	0,290	-0,002	0,008	0,091	FALSE
0,123	0,289	0,002	0,009	0,092	FALSE
0,212	0,266	0,009	0,010	0,411	FALSE
-0,039	0,279	-0,002	0,012	0,071	FALSE
0,118	0,298	0,006	0,010	0,238	FALSE
0,208	0,282	0,005	0,008	0,269	FALSE
0,042	0,288	0,001	0,008	0,075	FALSE
-0,168	0,276	-0,009	0,014	0,276	FALSE
-0,135	0,279	-0,008	0,014	0,230	FALSE
0,001	0,299	0,000	0,014	0,002	FALSE
-0,167	0,268	-0,006	0,009	0,352	FALSE
0,106	0,290	0,006	0,015	0,167	FALSE
0,004	0,275	-0,002	0,011	0,054	FALSE
-0,130	0,299	-0,004	0,011	0,166	FALSE
-0,086	0,288	-0,004	0,010	0,162	FALSE
-0,101	0,279	-0,004	0,010	0,188	FALSE
-0,191	0,272	-0,005	0,007	0,276	FALSE
-0,086	0,276	-0,001	0,015	0,015	FALSE
0,125	0,288	0,004	0,010	0,151	FALSE

-0,019	0,289	0,000	0,007	0,003	FALSE
-0,126	0,265	-0,005	0,011	0,197	FALSE
-0,077	0,284	-0,006	0,015	0,164	FALSE
-0,104	0,264	-0,007	0,013	0,217	FALSE
0,203	0,293	0,005	0,010	0,217	FALSE
0,235	0,273	0,007	0,012	0,245	FALSE
0,145	0,282	0,004	0,013	0,118	FALSE
0,130	0,287	0,004	0,014	0,122	FALSE
0,165	0,285	0,005	0,013	0,140	FALSE
-0,019	0,304	0,000	0,008	0,020	FALSE
0,202	0,286	0,007	0,012	0,264	FALSE
-0,015	0,284	-0,001	0,010	0,044	FALSE
0,009	0,286	0,001	0,011	0,028	FALSE
0,066	0,273	0,001	0,008	0,034	FALSE
0,043	0,289	0,001	0,015	0,031	FALSE
-0,009	0,295	0,001	0,015	0,027	FALSE
0,067	0,290	0,003	0,008	0,130	FALSE
0,060	0,282	0,002	0,008	0,097	FALSE
-0,066	0,286	-0,004	0,014	0,119	FALSE
0,195	0,290	0,006	0,008	0,317	FALSE
-0,106	0,271	-0,007	0,014	0,213	FALSE
0,076	0,292	0,003	0,012	0,090	FALSE
-0,023	0,292	0,000	0,010	0,007	FALSE
0,028	0,278	0,001	0,013	0,016	FALSE
-0,078	0,282	-0,001	0,007	0,045	FALSE
-0,086	0,288	-0,003	0,008	0,162	FALSE
0,117	0,280	0,005	0,011	0,178	FALSE
0,086	0,260	0,002	0,011	0,059	FALSE
0,003	0,281	-0,001	0,008	0,036	FALSE
-0,013	0,274	-0,003	0,010	0,116	FALSE
0,063	0,275	0,002	0,012	0,067	FALSE
0,061	0,288	0,002	0,015	0,048	FALSE
0,160	0,298	0,007	0,012	0,232	FALSE
-0,001	0,295	0,001	0,010	0,034	FALSE
-0,076	0,293	-0,003	0,009	0,136	FALSE
0,166	0,284	0,003	0,009	0,137	FALSE
-0,025	0,290	0,002	0,014	0,041	FALSE
-0,118	0,287	-0,004	0,012	0,127	FALSE
0,012	0,278	-0,002	0,014	0,043	FALSE
0,061	0,269	0,004	0,012	0,145	FALSE
0,027	0,283	0,002	0,008	0,087	FALSE
-0,075	0,298	-0,003	0,013	0,086	FALSE
-0,023	0,290	-0,001	0,011	0,016	FALSE
0,049	0,292	0,001	0,008	0,052	FALSE
0,070	0,279	0,001	0,008	0,029	FALSE
-0,095	0,292	-0,002	0,009	0,108	FALSE
0,152	0,296	0,005	0,008	0,253	FALSE
-0,004	0,273	0,003	0,014	0,070	FALSE
-0,119	0,286	-0,007	0,014	0,192	FALSE
-0,140	0,293	-0,004	0,010	0,170	FALSE
0,127	0,265	0,004	0,009	0,187	FALSE
-0,024	0,284	-0,002	0,014	0,060	FALSE
-0,065	0,294	-0,001	0,010	0,054	FALSE

-0,088	0,287	-0,002	0,010	0,082	FALSE
-0,133	0,289	-0,002	0,008	0,118	FALSE
0,037	0,281	0,000	0,007	0,004	FALSE
0,184	0,289	0,005	0,009	0,230	FALSE
0,090	0,283	0,003	0,012	0,113	FALSE
0,113	0,285	0,004	0,012	0,137	FALSE
0,076	0,285	0,002	0,008	0,071	FALSE
0,039	0,296	0,002	0,011	0,050	FALSE
0,086	0,265	0,005	0,013	0,171	FALSE
0,183	0,277	0,008	0,014	0,239	FALSE
0,067	0,287	0,002	0,009	0,093	FALSE
-0,023	0,277	-0,002	0,007	0,124	FALSE
0,225	0,276	0,007	0,012	0,232	FALSE
-0,157	0,279	-0,005	0,014	0,153	FALSE
-0,136	0,289	-0,004	0,014	0,119	FALSE
0,151	0,276	0,005	0,010	0,186	FALSE
-0,066	0,288	-0,002	0,007	0,104	FALSE
0,106	0,275	0,003	0,012	0,110	FALSE
-0,118	0,279	-0,005	0,013	0,146	FALSE
-0,149	0,276	-0,003	0,007	0,139	FALSE
-0,104	0,293	-0,002	0,009	0,105	FALSE
-0,101	0,287	-0,005	0,012	0,160	FALSE
0,061	0,287	0,004	0,011	0,123	FALSE
-0,100	0,280	-0,001	0,008	0,053	FALSE
0,091	0,288	0,004	0,013	0,126	FALSE
0,022	0,293	0,001	0,008	0,030	FALSE
-0,069	0,294	-0,001	0,012	0,026	FALSE
-0,087	0,286	-0,001	0,011	0,036	FALSE
-0,099	0,287	-0,002	0,011	0,061	FALSE
-0,096	0,290	-0,001	0,011	0,042	FALSE
-0,045	0,295	0,000	0,012	0,005	FALSE
-0,017	0,276	0,000	0,011	0,013	FALSE
-0,029	0,284	0,002	0,013	0,057	FALSE
0,080	0,288	0,002	0,014	0,041	FALSE
-0,082	0,292	-0,003	0,009	0,138	FALSE
-0,032	0,271	-0,001	0,014	0,025	FALSE
0,019	0,279	0,002	0,011	0,063	FALSE
0,200	0,268	0,006	0,013	0,184	FALSE
-0,008	0,301	-0,003	0,014	0,066	FALSE
-0,144	0,282	-0,006	0,012	0,226	FALSE
0,219	0,257	0,007	0,013	0,229	FALSE
0,065	0,291	0,000	0,010	0,007	FALSE
0,130	0,275	0,003	0,008	0,156	FALSE
-0,061	0,274	0,000	0,010	0,017	FALSE
-0,087	0,288	-0,002	0,009	0,080	FALSE
-0,137	0,272	-0,003	0,010	0,131	FALSE
0,132	0,280	0,002	0,008	0,081	FALSE
0,024	0,278	0,000	0,008	0,002	FALSE
-0,055	0,268	-0,002	0,011	0,081	FALSE
-0,115	0,282	-0,003	0,007	0,143	FALSE
0,195	0,277	0,007	0,013	0,246	FALSE
-0,065	0,281	-0,002	0,011	0,074	FALSE
-0,055	0,281	-0,001	0,015	0,024	FALSE

0,054	0,281	0,003	0,012	0,109	FALSE
0,004	0,275	0,001	0,014	0,029	FALSE
0,007	0,284	0,002	0,015	0,042	FALSE
-0,044	0,278	-0,003	0,015	0,079	FALSE
0,030	0,279	0,000	0,009	0,006	FALSE
-0,032	0,291	0,000	0,015	0,006	FALSE
-0,058	0,279	0,000	0,009	0,005	FALSE
0,062	0,278	0,003	0,015	0,085	FALSE
-0,099	0,277	-0,001	0,007	0,073	FALSE
-0,062	0,293	-0,002	0,010	0,079	FALSE
-0,063	0,278	-0,001	0,011	0,025	FALSE
-0,076	0,273	-0,003	0,012	0,107	FALSE
0,054	0,300	0,005	0,014	0,149	FALSE
-0,016	0,279	0,000	0,014	0,012	FALSE
-0,102	0,290	-0,004	0,012	0,117	FALSE
-0,131	0,283	-0,006	0,012	0,194	FALSE
-0,124	0,292	-0,005	0,012	0,164	FALSE
0,234	0,279	0,006	0,008	0,302	FALSE
0,118	0,277	0,008	0,014	0,230	FALSE
-0,060	0,284	-0,002	0,013	0,052	FALSE
-0,006	0,304	0,000	0,012	0,002	FALSE
0,021	0,292	0,002	0,012	0,049	FALSE
-0,100	0,294	-0,004	0,012	0,149	FALSE
-0,084	0,290	-0,004	0,012	0,121	FALSE
-0,084	0,285	-0,001	0,010	0,028	FALSE
0,189	0,292	0,005	0,008	0,266	FALSE
-0,123	0,280	-0,003	0,009	0,142	FALSE
-0,050	0,296	-0,003	0,014	0,077	FALSE
-0,001	0,286	-0,001	0,008	0,064	FALSE
-0,005	0,290	0,000	0,014	0,010	FALSE
-0,028	0,277	-0,001	0,007	0,051	FALSE
-0,075	0,278	-0,002	0,013	0,063	FALSE
0,098	0,275	0,008	0,015	0,219	FALSE
-0,001	0,279	0,000	0,008	0,003	FALSE
0,013	0,282	0,000	0,009	0,004	FALSE
0,019	0,294	0,001	0,009	0,041	FALSE
0,139	0,288	0,003	0,008	0,152	FALSE
-0,070	0,284	-0,002	0,011	0,053	FALSE
-0,006	0,278	-0,001	0,009	0,022	FALSE
0,007	0,275	0,002	0,015	0,039	FALSE
0,061	0,289	0,003	0,008	0,129	FALSE
0,038	0,283	0,003	0,010	0,095	FALSE
-0,008	0,290	0,001	0,013	0,025	FALSE
-0,032	0,302	0,000	0,008	0,008	FALSE
0,046	0,289	0,002	0,012	0,048	FALSE
0,086	0,291	0,005	0,015	0,140	FALSE
0,077	0,288	0,003	0,013	0,101	FALSE
0,028	0,289	0,002	0,014	0,045	FALSE
0,036	0,286	-0,001	0,015	0,014	FALSE
-0,131	0,278	-0,002	0,010	0,093	FALSE
-0,161	0,278	-0,004	0,010	0,146	FALSE
-0,082	0,298	-0,007	0,014	0,215	FALSE
-0,092	0,280	-0,003	0,013	0,091	FALSE

-0,059	0,285	-0,001	0,012	0,017	FALSE
-0,035	0,296	-0,002	0,014	0,061	FALSE
-0,161	0,283	-0,006	0,009	0,286	FALSE
-0,047	0,294	-0,002	0,010	0,059	FALSE
-0,111	0,286	-0,003	0,009	0,143	FALSE
-0,004	0,298	0,001	0,015	0,029	FALSE
-0,074	0,287	-0,002	0,009	0,086	FALSE
-0,086	0,291	-0,006	0,015	0,163	FALSE
0,034	0,290	0,002	0,014	0,061	FALSE
0,022	0,283	0,001	0,013	0,019	FALSE
-0,026	0,283	-0,002	0,012	0,059	FALSE
0,048	0,285	0,001	0,011	0,047	FALSE
-0,007	0,286	-0,002	0,011	0,083	FALSE
0,072	0,276	0,001	0,009	0,044	FALSE
0,171	0,271	0,007	0,014	0,221	FALSE
-0,073	0,281	-0,002	0,009	0,090	FALSE
0,024	0,286	0,000	0,008	0,013	FALSE
-0,026	0,295	-0,001	0,008	0,058	FALSE
-0,026	0,287	-0,001	0,008	0,036	FALSE
-0,047	0,282	-0,003	0,014	0,073	FALSE
0,005	0,280	0,000	0,010	0,008	FALSE
0,185	0,285	0,005	0,007	0,279	FALSE
0,038	0,278	0,000	0,012	0,008	FALSE
-0,218	0,278	-0,006	0,009	0,319	FALSE
0,084	0,295	0,002	0,008	0,080	FALSE
0,013	0,295	0,002	0,009	0,090	FALSE
-0,138	0,276	-0,005	0,010	0,198	FALSE
0,102	0,296	0,006	0,015	0,151	FALSE
-0,029	0,281	-0,002	0,010	0,070	FALSE
0,143	0,285	0,004	0,008	0,229	FALSE
-0,152	0,286	-0,008	0,011	0,331	FALSE
0,071	0,285	0,001	0,008	0,051	FALSE
0,104	0,267	0,001	0,013	0,020	FALSE
0,034	0,288	-0,001	0,014	0,023	FALSE
0,051	0,295	0,001	0,008	0,044	FALSE
-0,063	0,297	-0,003	0,014	0,080	FALSE
-0,143	0,284	-0,002	0,007	0,129	FALSE
0,049	0,283	0,002	0,011	0,078	FALSE
-0,007	0,285	0,000	0,008	0,017	FALSE
0,083	0,301	0,003	0,012	0,102	FALSE
-0,150	0,296	-0,006	0,012	0,221	FALSE
-0,162	0,293	-0,004	0,009	0,213	FALSE
0,241	0,259	0,005	0,008	0,274	FALSE
0,071	0,297	0,003	0,008	0,139	FALSE
-0,062	0,283	-0,002	0,013	0,059	FALSE
0,008	0,297	0,002	0,009	0,062	FALSE
-0,198	0,285	-0,006	0,009	0,291	FALSE
-0,055	0,282	-0,003	0,014	0,092	FALSE
0,055	0,303	0,000	0,008	0,020	FALSE
-0,080	0,293	-0,002	0,010	0,072	FALSE
-0,087	0,275	-0,007	0,014	0,226	FALSE
-0,040	0,270	-0,001	0,011	0,037	FALSE
-0,081	0,282	-0,005	0,014	0,134	FALSE

0,027	0,294	0,000	0,011	0,007	FALSE
0,027	0,295	0,000	0,011	0,015	FALSE
0,045	0,299	0,000	0,010	0,014	FALSE
0,091	0,294	0,002	0,007	0,118	FALSE
0,040	0,288	0,001	0,014	0,027	FALSE
0,025	0,288	0,000	0,015	0,006	FALSE
-0,074	0,276	-0,001	0,007	0,065	FALSE
-0,046	0,294	-0,002	0,008	0,091	FALSE
0,025	0,285	0,000	0,013	0,002	FALSE
0,045	0,269	0,003	0,012	0,091	FALSE
0,175	0,265	0,004	0,007	0,244	FALSE
-0,024	0,273	-0,001	0,009	0,057	FALSE
0,057	0,292	0,002	0,007	0,122	FALSE
-0,114	0,290	-0,003	0,011	0,111	FALSE
-0,069	0,283	-0,002	0,009	0,080	FALSE
-0,047	0,296	-0,002	0,011	0,054	FALSE
0,047	0,269	0,000	0,013	0,002	FALSE
-0,030	0,287	-0,003	0,014	0,068	FALSE
-0,062	0,282	-0,003	0,013	0,102	FALSE
0,002	0,303	0,001	0,008	0,025	FALSE
-0,027	0,286	-0,002	0,014	0,047	FALSE
0,002	0,287	-0,001	0,015	0,025	FALSE
-0,107	0,289	-0,003	0,010	0,126	FALSE
-0,115	0,280	-0,003	0,011	0,119	FALSE
0,186	0,271	0,005	0,009	0,261	FALSE
-0,068	0,282	-0,003	0,009	0,162	FALSE
-0,049	0,285	-0,002	0,015	0,055	FALSE
0,005	0,303	0,000	0,015	0,009	FALSE
-0,013	0,278	0,000	0,009	0,008	FALSE
0,101	0,288	0,003	0,010	0,109	FALSE
-0,033	0,289	0,000	0,014	0,006	FALSE
-0,073	0,283	-0,001	0,007	0,047	FALSE
0,106	0,293	0,001	0,011	0,047	FALSE
-0,003	0,291	0,001	0,008	0,047	FALSE
0,109	0,292	0,007	0,014	0,206	FALSE
-0,021	0,294	-0,002	0,012	0,048	FALSE
-0,087	0,279	-0,003	0,008	0,133	FALSE
-0,101	0,281	-0,007	0,013	0,248	FALSE
-0,096	0,276	-0,008	0,013	0,259	FALSE
0,044	0,265	0,001	0,013	0,027	FALSE
-0,161	0,284	-0,006	0,008	0,290	FALSE
0,094	0,284	0,003	0,008	0,116	FALSE
0,157	0,279	0,004	0,008	0,178	FALSE
0,076	0,280	0,006	0,013	0,197	FALSE
-0,038	0,278	0,000	0,012	0,014	FALSE
0,072	0,296	0,003	0,016	0,062	FALSE
-0,071	0,287	-0,003	0,010	0,134	FALSE
0,099	0,278	0,004	0,013	0,124	FALSE
0,115	0,286	0,004	0,015	0,096	FALSE
0,123	0,288	0,005	0,013	0,152	FALSE
-0,161	0,276	-0,005	0,015	0,132	FALSE
-0,007	0,283	-0,001	0,011	0,042	FALSE
-0,018	0,269	-0,002	0,012	0,055	FALSE

0,074	0,280	0,005	0,014	0,128	FALSE
-0,016	0,287	-0,001	0,013	0,024	FALSE
0,019	0,290	0,001	0,009	0,024	FALSE
-0,029	0,287	0,000	0,008	0,002	FALSE
0,136	0,280	0,008	0,015	0,241	FALSE
-0,029	0,285	-0,001	0,012	0,033	FALSE
0,057	0,284	-0,001	0,011	0,020	FALSE
-0,120	0,297	-0,002	0,008	0,105	FALSE
0,005	0,278	0,001	0,013	0,022	FALSE
-0,022	0,286	-0,001	0,009	0,055	FALSE
-0,091	0,278	-0,006	0,014	0,165	FALSE
0,012	0,294	0,000	0,013	0,010	FALSE
-0,117	0,290	-0,003	0,007	0,152	FALSE
-0,070	0,285	-0,003	0,012	0,078	FALSE
-0,002	0,287	-0,001	0,014	0,021	FALSE
-0,008	0,282	-0,001	0,010	0,027	FALSE
0,055	0,266	0,000	0,012	0,007	FALSE
0,057	0,280	0,000	0,012	0,006	FALSE
-0,094	0,283	-0,004	0,015	0,106	FALSE
0,121	0,280	0,005	0,014	0,128	FALSE
-0,105	0,283	-0,005	0,014	0,147	FALSE
0,145	0,273	0,003	0,008	0,159	FALSE
0,253	0,263	0,006	0,008	0,388	FALSE
0,090	0,281	0,001	0,008	0,063	FALSE
0,012	0,290	0,000	0,011	0,004	FALSE
0,016	0,286	0,001	0,011	0,016	FALSE
0,014	0,286	0,000	0,011	0,001	FALSE
-0,008	0,285	-0,001	0,008	0,054	FALSE
-0,074	0,291	-0,001	0,009	0,035	FALSE
0,140	0,293	0,005	0,010	0,209	FALSE
-0,047	0,288	-0,002	0,013	0,063	FALSE
0,104	0,275	0,005	0,012	0,165	FALSE
0,108	0,279	0,005	0,011	0,182	FALSE
0,052	0,295	0,001	0,009	0,041	FALSE
0,078	0,284	0,003	0,014	0,080	FALSE
0,038	0,287	0,002	0,010	0,065	FALSE
-0,105	0,278	-0,006	0,014	0,160	FALSE
0,007	0,291	0,001	0,009	0,061	FALSE
0,009	0,278	0,003	0,013	0,084	FALSE
0,018	0,299	0,000	0,007	0,022	FALSE
-0,061	0,280	-0,002	0,008	0,068	FALSE
-0,048	0,286	-0,003	0,007	0,150	FALSE
0,107	0,280	0,003	0,010	0,137	FALSE
0,145	0,289	0,004	0,009	0,164	FALSE
0,007	0,279	-0,003	0,013	0,083	FALSE
0,030	0,295	-0,001	0,015	0,026	FALSE
0,013	0,290	-0,002	0,013	0,061	FALSE
0,129	0,289	0,007	0,015	0,193	FALSE
-0,001	0,282	-0,004	0,014	0,100	FALSE
-0,072	0,287	-0,002	0,007	0,112	FALSE
-0,025	0,271	-0,001	0,008	0,053	FALSE
-0,033	0,295	-0,004	0,015	0,098	FALSE
-0,038	0,294	0,000	0,011	0,007	FALSE

0,026	0,281	0,000	0,011	0,015	FALSE
0,010	0,288	0,001	0,014	0,022	FALSE
-0,035	0,292	-0,002	0,013	0,045	FALSE
0,023	0,281	0,000	0,012	0,002	FALSE
-0,093	0,291	-0,001	0,008	0,058	FALSE
-0,051	0,304	-0,001	0,009	0,032	FALSE
-0,004	0,281	0,001	0,012	0,028	FALSE
0,125	0,308	0,003	0,012	0,093	FALSE
-0,054	0,283	-0,001	0,010	0,035	FALSE
-0,059	0,267	-0,002	0,008	0,111	FALSE
0,000	0,290	-0,001	0,009	0,031	FALSE
0,131	0,295	0,004	0,013	0,120	FALSE
0,197	0,274	0,007	0,011	0,267	FALSE
0,116	0,284	0,002	0,010	0,079	FALSE
0,066	0,283	0,002	0,010	0,065	FALSE
-0,090	0,303	-0,003	0,011	0,106	FALSE
-0,028	0,280	-0,001	0,007	0,043	FALSE
0,005	0,289	-0,001	0,013	0,018	FALSE
-0,010	0,295	-0,001	0,014	0,034	FALSE
-0,038	0,287	-0,003	0,013	0,072	FALSE
0,093	0,276	0,002	0,009	0,100	FALSE
0,122	0,282	0,006	0,015	0,155	FALSE
-0,191	0,274	-0,011	0,014	0,334	FALSE
0,068	0,285	0,001	0,012	0,024	FALSE
-0,061	0,292	-0,002	0,013	0,045	FALSE
0,006	0,297	0,000	0,014	0,010	FALSE
-0,136	0,285	-0,005	0,014	0,133	FALSE
0,113	0,288	0,004	0,009	0,157	FALSE
-0,049	0,281	-0,001	0,007	0,050	FALSE
-0,076	0,282	-0,003	0,008	0,147	FALSE
0,018	0,284	0,000	0,015	0,009	FALSE
0,125	0,290	0,003	0,010	0,141	FALSE
0,007	0,276	0,000	0,013	0,003	FALSE
-0,137	0,287	-0,004	0,010	0,153	FALSE
-0,058	0,274	-0,004	0,015	0,105	FALSE
-0,014	0,279	0,001	0,010	0,046	FALSE
0,012	0,292	0,002	0,014	0,047	FALSE
0,062	0,287	0,002	0,010	0,059	FALSE
-0,002	0,292	0,001	0,013	0,031	FALSE
-0,023	0,297	0,003	0,011	0,085	FALSE
0,308	0,273	0,012	0,013	0,460	FALSE
0,247	0,277	0,009	0,010	0,430	FALSE
-0,047	0,285	-0,002	0,013	0,062	FALSE
0,054	0,280	0,002	0,011	0,084	FALSE
0,098	0,289	0,003	0,008	0,156	FALSE
-0,088	0,278	-0,001	0,014	0,016	FALSE
-0,125	0,285	-0,003	0,007	0,164	FALSE
-0,148	0,275	-0,004	0,008	0,202	FALSE
-0,125	0,292	-0,004	0,008	0,173	FALSE
-0,004	0,289	0,002	0,013	0,049	FALSE
0,063	0,282	0,001	0,008	0,039	FALSE
-0,029	0,287	-0,001	0,008	0,052	FALSE
0,017	0,292	0,000	0,008	0,013	FALSE

-0,005	0,282	-0,001	0,011	0,038	FALSE
-0,059	0,285	-0,003	0,012	0,100	FALSE
-0,051	0,303	-0,003	0,012	0,099	FALSE
-0,043	0,289	-0,003	0,009	0,126	FALSE
-0,113	0,278	-0,002	0,008	0,112	FALSE
-0,032	0,282	-0,003	0,011	0,112	FALSE
0,140	0,302	0,004	0,010	0,173	FALSE
-0,012	0,286	-0,002	0,008	0,074	FALSE
0,102	0,292	0,003	0,015	0,083	FALSE
0,096	0,275	0,002	0,010	0,062	FALSE
-0,056	0,305	-0,001	0,012	0,028	FALSE
0,063	0,296	0,003	0,013	0,080	FALSE
0,098	0,295	0,005	0,015	0,141	FALSE
0,112	0,298	0,006	0,015	0,161	FALSE
-0,063	0,295	-0,002	0,012	0,072	FALSE
0,102	0,278	0,006	0,014	0,172	FALSE
-0,115	0,291	-0,005	0,015	0,126	FALSE
-0,022	0,281	0,000	0,011	0,008	FALSE
0,034	0,289	0,000	0,008	0,007	FALSE
-0,118	0,282	-0,003	0,009	0,157	FALSE
0,127	0,287	0,004	0,012	0,126	FALSE
0,048	0,285	0,003	0,014	0,078	FALSE
-0,020	0,287	-0,002	0,013	0,042	FALSE
0,137	0,287	0,004	0,010	0,146	FALSE
-0,147	0,281	-0,006	0,011	0,248	FALSE
-0,150	0,285	-0,006	0,010	0,270	FALSE
0,034	0,279	-0,001	0,008	0,031	FALSE
-0,052	0,298	-0,001	0,008	0,035	FALSE
-0,033	0,271	-0,001	0,008	0,022	FALSE
-0,016	0,290	0,000	0,014	0,001	FALSE
-0,133	0,292	-0,003	0,011	0,122	FALSE
0,148	0,284	0,004	0,010	0,158	FALSE
0,035	0,280	0,002	0,009	0,101	FALSE
0,067	0,281	0,001	0,007	0,075	FALSE
-0,044	0,285	-0,001	0,008	0,040	FALSE
0,101	0,291	0,003	0,007	0,144	FALSE
0,032	0,285	-0,001	0,011	0,021	FALSE
-0,015	0,273	-0,001	0,010	0,047	FALSE
0,170	0,278	0,004	0,010	0,169	FALSE
0,148	0,284	0,004	0,011	0,141	FALSE
0,072	0,288	0,003	0,014	0,081	FALSE
0,158	0,278	0,004	0,011	0,151	FALSE
0,300	0,271	0,013	0,015	0,407	FALSE
0,015	0,284	0,001	0,009	0,035	FALSE
0,166	0,289	0,003	0,009	0,162	FALSE
-0,040	0,296	-0,001	0,009	0,034	FALSE
-0,002	0,284	-0,003	0,011	0,120	FALSE
-0,041	0,279	0,000	0,008	0,011	FALSE
-0,095	0,284	-0,003	0,008	0,167	FALSE
-0,129	0,283	-0,004	0,009	0,192	FALSE
-0,056	0,289	-0,002	0,008	0,080	FALSE
0,003	0,295	0,000	0,014	0,002	FALSE
0,165	0,269	0,002	0,007	0,126	FALSE

0,001	0,286	0,003	0,009	0,137	FALSE
-0,059	0,290	-0,002	0,015	0,058	FALSE
-0,009	0,273	0,002	0,014	0,039	FALSE
0,093	0,289	0,001	0,008	0,052	FALSE
0,065	0,294	0,001	0,009	0,049	FALSE
-0,086	0,273	-0,003	0,014	0,094	FALSE
-0,229	0,289	-0,005	0,010	0,231	FALSE
0,028	0,279	0,001	0,011	0,018	FALSE
-0,013	0,273	-0,002	0,014	0,048	FALSE
-0,132	0,298	-0,006	0,015	0,151	FALSE
-0,085	0,284	-0,002	0,008	0,112	FALSE
0,154	0,283	0,007	0,015	0,194	FALSE
-0,140	0,283	-0,007	0,015	0,192	FALSE
-0,058	0,282	0,000	0,008	0,019	FALSE
-0,067	0,273	-0,001	0,007	0,059	FALSE
-0,180	0,285	-0,006	0,011	0,224	FALSE
-0,090	0,297	-0,003	0,012	0,089	FALSE
0,100	0,293	0,003	0,009	0,127	FALSE
0,212	0,274	0,009	0,012	0,315	FALSE
-0,023	0,269	-0,002	0,009	0,070	FALSE
-0,060	0,275	-0,001	0,007	0,038	FALSE
-0,063	0,288	-0,002	0,013	0,045	FALSE
-0,070	0,305	-0,001	0,011	0,048	FALSE
-0,080	0,275	-0,002	0,008	0,109	FALSE
0,007	0,300	0,000	0,013	0,009	FALSE
-0,043	0,279	0,000	0,010	0,004	FALSE
-0,084	0,289	-0,003	0,015	0,069	FALSE
-0,072	0,287	-0,001	0,010	0,047	FALSE
-0,018	0,293	0,001	0,014	0,034	FALSE
-0,086	0,274	-0,001	0,014	0,029	FALSE
-0,132	0,280	-0,003	0,009	0,113	FALSE
0,063	0,284	0,003	0,011	0,090	FALSE
-0,104	0,299	-0,003	0,013	0,091	FALSE
-0,013	0,292	0,001	0,008	0,031	FALSE
0,107	0,283	0,003	0,010	0,095	FALSE
-0,182	0,289	-0,005	0,008	0,249	FALSE
-0,028	0,300	-0,001	0,014	0,014	FALSE
0,100	0,291	0,003	0,007	0,140	FALSE
-0,037	0,303	-0,001	0,012	0,032	FALSE
-0,113	0,284	-0,006	0,012	0,232	FALSE
0,021	0,279	0,002	0,010	0,059	FALSE
-0,152	0,282	-0,004	0,009	0,170	FALSE
0,026	0,294	0,002	0,008	0,076	FALSE
0,166	0,288	0,005	0,007	0,305	FALSE
-0,110	0,280	-0,004	0,009	0,185	FALSE
-0,050	0,276	-0,002	0,009	0,107	FALSE
-0,013	0,287	0,000	0,015	0,001	FALSE
0,270	0,284	0,008	0,011	0,366	FALSE
-0,013	0,284	0,001	0,008	0,027	FALSE
0,009	0,293	-0,001	0,009	0,022	FALSE
-0,211	0,280	-0,008	0,014	0,234	FALSE
-0,068	0,275	-0,004	0,011	0,163	FALSE
-0,182	0,275	-0,007	0,013	0,225	FALSE

-0,037	0,290	0,000	0,012	0,005	FALSE
0,054	0,282	0,001	0,010	0,050	FALSE
-0,059	0,276	-0,002	0,010	0,075	FALSE
-0,088	0,288	-0,004	0,014	0,100	FALSE
-0,091	0,287	-0,003	0,012	0,098	FALSE
-0,005	0,280	-0,001	0,014	0,032	FALSE
0,067	0,285	0,004	0,012	0,135	FALSE
-0,118	0,289	-0,005	0,014	0,125	FALSE
0,041	0,293	0,002	0,010	0,073	FALSE
0,085	0,275	0,001	0,007	0,071	FALSE
-0,179	0,288	-0,006	0,011	0,221	FALSE
-0,001	0,285	-0,002	0,012	0,054	FALSE
-0,091	0,287	-0,002	0,008	0,076	FALSE
0,118	0,276	0,003	0,010	0,131	FALSE
0,115	0,292	0,002	0,008	0,122	FALSE
-0,113	0,281	-0,004	0,008	0,208	FALSE
0,146	0,284	0,007	0,013	0,254	FALSE
0,109	0,290	0,006	0,012	0,208	FALSE
-0,035	0,280	-0,001	0,009	0,059	FALSE
0,100	0,275	0,003	0,008	0,120	FALSE
-0,046	0,290	-0,002	0,013	0,057	FALSE
-0,206	0,264	-0,008	0,009	0,389	FALSE
-0,056	0,269	-0,002	0,009	0,105	FALSE
-0,040	0,280	-0,002	0,012	0,077	FALSE
-0,001	0,290	-0,001	0,008	0,038	FALSE
-0,022	0,278	-0,001	0,014	0,030	FALSE
0,040	0,285	-0,002	0,014	0,048	FALSE
-0,062	0,290	-0,002	0,010	0,080	FALSE
-0,069	0,288	-0,002	0,009	0,099	FALSE
0,038	0,284	0,001	0,009	0,061	FALSE
-0,114	0,281	-0,004	0,013	0,138	FALSE
-0,053	0,289	-0,002	0,013	0,050	FALSE
0,117	0,280	0,004	0,010	0,192	FALSE
0,129	0,271	0,006	0,013	0,192	FALSE
0,184	0,276	0,006	0,013	0,210	FALSE
0,112	0,266	0,004	0,012	0,113	FALSE
0,001	0,288	0,000	0,008	0,005	FALSE
-0,125	0,289	-0,005	0,011	0,204	FALSE
-0,093	0,283	-0,003	0,009	0,138	FALSE
-0,009	0,284	-0,001	0,011	0,029	FALSE
-0,086	0,292	-0,001	0,013	0,026	FALSE
0,066	0,280	0,000	0,008	0,001	FALSE
0,060	0,289	0,001	0,010	0,028	FALSE
-0,033	0,299	0,000	0,010	0,013	FALSE
-0,060	0,291	-0,003	0,013	0,078	FALSE
-0,045	0,282	-0,001	0,009	0,042	FALSE
0,233	0,298	0,006	0,008	0,309	FALSE
0,067	0,278	0,001	0,007	0,073	FALSE
-0,009	0,292	0,000	0,008	0,007	FALSE
-0,113	0,283	-0,003	0,013	0,071	FALSE
-0,038	0,280	-0,002	0,009	0,109	FALSE
0,059	0,291	0,000	0,007	0,015	FALSE
-0,134	0,275	-0,003	0,012	0,099	FALSE

0,048	0,294	0,002	0,011	0,074	FALSE
0,053	0,294	0,001	0,009	0,028	FALSE
0,092	0,279	0,001	0,010	0,028	FALSE
0,013	0,302	0,002	0,012	0,056	FALSE
0,070	0,277	0,000	0,014	0,001	FALSE
0,034	0,280	0,004	0,012	0,111	FALSE
-0,157	0,279	-0,003	0,008	0,170	FALSE
0,030	0,280	0,002	0,014	0,045	FALSE
-0,074	0,286	-0,002	0,009	0,085	FALSE
0,002	0,294	0,000	0,007	0,003	FALSE
-0,029	0,302	-0,001	0,009	0,036	FALSE
-0,029	0,300	-0,001	0,010	0,043	FALSE
-0,035	0,298	-0,001	0,009	0,046	FALSE
-0,046	0,280	-0,001	0,008	0,034	FALSE
0,032	0,282	0,001	0,009	0,046	FALSE
-0,176	0,283	-0,006	0,010	0,244	FALSE
-0,157	0,297	-0,005	0,010	0,213	FALSE
-0,121	0,282	-0,002	0,008	0,104	FALSE
-0,057	0,282	-0,004	0,013	0,112	FALSE
0,005	0,289	-0,001	0,014	0,015	FALSE
-0,010	0,273	-0,001	0,010	0,029	FALSE
-0,126	0,281	-0,005	0,012	0,159	FALSE
-0,077	0,276	-0,002	0,009	0,084	FALSE
0,119	0,291	0,004	0,012	0,125	FALSE
0,060	0,282	0,002	0,013	0,070	FALSE
0,051	0,286	0,002	0,013	0,047	FALSE
0,038	0,297	0,001	0,013	0,038	FALSE
-0,097	0,287	-0,005	0,013	0,137	FALSE
-0,001	0,295	-0,002	0,015	0,044	FALSE
-0,047	0,278	-0,003	0,009	0,130	FALSE
0,110	0,291	0,003	0,007	0,145	FALSE
0,106	0,314	0,003	0,008	0,135	FALSE
0,112	0,293	0,004	0,013	0,128	FALSE
0,097	0,275	0,006	0,013	0,179	FALSE
-0,066	0,284	-0,001	0,010	0,045	FALSE
-0,087	0,287	-0,002	0,007	0,133	FALSE
0,131	0,270	0,003	0,008	0,162	FALSE
-0,061	0,289	-0,002	0,007	0,109	FALSE
-0,085	0,283	-0,003	0,010	0,117	FALSE
-0,163	0,291	-0,003	0,008	0,154	FALSE
-0,161	0,280	-0,003	0,010	0,113	FALSE
-0,023	0,270	0,003	0,011	0,114	FALSE
-0,079	0,283	-0,003	0,009	0,108	FALSE
0,061	0,282	0,002	0,012	0,077	FALSE
0,035	0,295	0,000	0,011	0,005	FALSE
0,067	0,295	0,000	0,009	0,009	FALSE
0,008	0,300	0,001	0,008	0,034	FALSE
-0,039	0,277	-0,003	0,012	0,079	FALSE
-0,056	0,290	-0,001	0,008	0,049	FALSE
0,045	0,282	0,003	0,010	0,098	FALSE
0,093	0,288	0,000	0,014	0,000	FALSE
0,064	0,294	0,001	0,011	0,043	FALSE
-0,053	0,290	0,000	0,009	0,018	FALSE

-0,108	0,283	-0,004	0,015	0,114	FALSE
0,119	0,295	0,003	0,009	0,116	FALSE
-0,148	0,286	-0,004	0,010	0,133	FALSE
0,109	0,281	0,002	0,011	0,053	FALSE
0,015	0,295	0,002	0,014	0,064	FALSE
-0,022	0,273	0,000	0,012	0,012	FALSE
0,055	0,292	0,000	0,014	0,011	FALSE
0,109	0,285	0,004	0,008	0,197	FALSE
-0,110	0,281	-0,001	0,008	0,030	FALSE
0,082	0,292	0,002	0,014	0,052	FALSE
-0,211	0,282	-0,005	0,007	0,268	FALSE
-0,131	0,286	-0,003	0,008	0,125	FALSE
0,040	0,290	0,001	0,009	0,030	FALSE
0,009	0,299	0,000	0,014	0,011	FALSE
-0,235	0,280	-0,005	0,007	0,324	FALSE
-0,026	0,283	-0,001	0,008	0,055	FALSE
-0,057	0,278	-0,001	0,010	0,042	FALSE
-0,012	0,289	0,002	0,009	0,065	FALSE
-0,050	0,297	0,000	0,009	0,013	FALSE
-0,121	0,268	-0,003	0,010	0,122	FALSE
0,056	0,302	0,000	0,008	0,020	FALSE
0,091	0,288	0,003	0,008	0,154	FALSE
-0,009	0,283	0,001	0,009	0,028	FALSE
0,076	0,281	0,002	0,008	0,083	FALSE
-0,042	0,298	-0,003	0,009	0,117	FALSE
-0,074	0,283	-0,001	0,011	0,031	FALSE
-0,026	0,296	-0,001	0,013	0,037	FALSE
-0,063	0,280	-0,001	0,010	0,037	FALSE
-0,112	0,288	-0,002	0,008	0,101	FALSE
0,152	0,273	0,005	0,008	0,250	FALSE
-0,007	0,285	-0,001	0,011	0,018	FALSE
0,052	0,295	0,002	0,015	0,051	FALSE
0,065	0,272	0,000	0,008	0,003	FALSE
0,003	0,281	0,000	0,008	0,010	FALSE
-0,007	0,277	0,002	0,010	0,076	FALSE
-0,119	0,277	-0,004	0,008	0,178	FALSE
0,039	0,286	0,001	0,008	0,042	FALSE
-0,064	0,294	-0,001	0,008	0,034	FALSE
0,155	0,300	0,005	0,008	0,263	FALSE
-0,042	0,298	-0,004	0,015	0,113	FALSE
-0,041	0,280	0,001	0,014	0,014	FALSE
0,009	0,288	-0,001	0,009	0,040	FALSE
0,142	0,301	0,005	0,013	0,138	FALSE
-0,116	0,282	-0,004	0,008	0,226	FALSE
0,153	0,263	0,005	0,011	0,187	FALSE
-0,016	0,292	0,000	0,008	0,017	FALSE
-0,009	0,304	0,000	0,008	0,018	FALSE
0,044	0,291	0,001	0,007	0,036	FALSE
0,145	0,290	0,003	0,010	0,121	FALSE
-0,079	0,285	-0,002	0,009	0,103	FALSE
-0,070	0,292	-0,003	0,008	0,150	FALSE
-0,052	0,288	-0,003	0,010	0,112	FALSE
-0,181	0,278	-0,007	0,012	0,227	FALSE

-0,133	0,275	-0,004	0,013	0,134	FALSE
-0,164	0,275	-0,006	0,012	0,204	FALSE
-0,114	0,289	-0,002	0,009	0,084	FALSE
-0,019	0,288	0,002	0,009	0,095	FALSE
0,090	0,277	0,003	0,013	0,078	FALSE
0,026	0,280	0,003	0,013	0,091	FALSE
-0,145	0,273	-0,007	0,011	0,268	FALSE
-0,027	0,289	-0,001	0,009	0,047	FALSE
-0,042	0,294	-0,003	0,010	0,093	FALSE
0,066	0,290	0,005	0,015	0,124	FALSE
-0,041	0,285	0,002	0,014	0,042	FALSE
0,091	0,276	0,002	0,008	0,070	FALSE
-0,023	0,280	0,001	0,007	0,045	FALSE
-0,204	0,282	-0,004	0,007	0,226	FALSE
0,139	0,289	0,005	0,013	0,148	FALSE
-0,197	0,275	-0,009	0,013	0,302	FALSE
-0,087	0,272	-0,003	0,011	0,086	FALSE
-0,004	0,302	-0,001	0,015	0,034	FALSE
-0,051	0,297	0,000	0,009	0,014	FALSE
-0,054	0,269	-0,003	0,010	0,113	FALSE
0,061	0,292	0,002	0,011	0,082	FALSE
-0,076	0,285	-0,002	0,010	0,084	FALSE
-0,108	0,296	-0,004	0,011	0,139	FALSE
-0,117	0,293	-0,004	0,012	0,124	FALSE
0,056	0,283	0,003	0,012	0,081	FALSE
-0,109	0,293	-0,003	0,008	0,133	FALSE
0,160	0,292	0,004	0,010	0,158	FALSE
0,051	0,283	0,000	0,008	0,004	FALSE
0,017	0,279	0,002	0,007	0,122	FALSE
0,099	0,283	0,003	0,010	0,126	FALSE
-0,076	0,292	-0,002	0,007	0,119	FALSE
-0,024	0,291	0,001	0,007	0,030	FALSE
-0,065	0,293	-0,001	0,008	0,029	FALSE
-0,056	0,305	-0,002	0,015	0,059	FALSE
-0,146	0,298	-0,003	0,008	0,181	FALSE
-0,014	0,286	0,001	0,014	0,013	FALSE
0,004	0,299	0,001	0,015	0,029	FALSE
0,227	0,274	0,009	0,012	0,351	FALSE
0,051	0,300	0,000	0,009	0,015	FALSE
-0,153	0,293	-0,002	0,007	0,120	FALSE
0,121	0,295	0,005	0,014	0,158	FALSE
0,169	0,284	0,005	0,009	0,227	FALSE
0,030	0,274	0,000	0,009	0,020	FALSE
0,209	0,289	0,009	0,011	0,405	FALSE
0,080	0,273	0,006	0,013	0,181	FALSE
-0,061	0,289	-0,002	0,007	0,100	FALSE
-0,072	0,268	-0,006	0,013	0,192	FALSE
0,041	0,290	0,002	0,008	0,091	FALSE
0,066	0,292	0,003	0,014	0,090	FALSE
0,035	0,284	0,001	0,008	0,067	FALSE
0,095	0,273	0,004	0,010	0,161	FALSE
0,096	0,303	0,003	0,009	0,145	FALSE
0,052	0,275	0,002	0,009	0,081	FALSE

0,021	0,281	0,001	0,013	0,034	FALSE
-0,223	0,269	-0,010	0,013	0,372	FALSE
0,149	0,285	0,005	0,013	0,143	FALSE
0,081	0,287	0,004	0,013	0,104	FALSE
-0,096	0,302	-0,007	0,015	0,179	FALSE
-0,101	0,294	-0,007	0,015	0,196	FALSE
0,120	0,285	0,003	0,010	0,104	FALSE
0,136	0,295	0,004	0,009	0,161	FALSE
0,040	0,275	0,001	0,014	0,030	FALSE
-0,092	0,294	-0,003	0,012	0,091	FALSE
-0,103	0,277	-0,008	0,014	0,240	FALSE
-0,186	0,274	-0,004	0,007	0,235	FALSE
0,005	0,291	0,000	0,012	0,005	FALSE
0,036	0,289	0,001	0,007	0,037	FALSE
0,140	0,292	0,004	0,009	0,190	FALSE
0,142	0,280	0,008	0,013	0,274	FALSE
0,194	0,267	0,009	0,011	0,348	FALSE
-0,091	0,272	-0,002	0,008	0,085	FALSE
-0,123	0,263	-0,003	0,007	0,134	FALSE
-0,044	0,284	0,000	0,014	0,005	FALSE
-0,031	0,278	0,000	0,014	0,000	FALSE
0,231	0,273	0,005	0,008	0,290	FALSE
0,075	0,279	0,003	0,008	0,173	FALSE
0,189	0,280	0,006	0,011	0,232	FALSE
-0,064	0,272	-0,002	0,008	0,076	FALSE
-0,107	0,290	-0,006	0,014	0,165	FALSE
0,048	0,298	0,001	0,012	0,041	FALSE
-0,077	0,282	-0,004	0,013	0,122	FALSE
0,050	0,284	0,001	0,008	0,035	FALSE
0,024	0,301	0,000	0,009	0,010	FALSE
0,062	0,296	0,000	0,010	0,008	FALSE
-0,155	0,271	-0,007	0,011	0,262	FALSE
0,082	0,289	0,002	0,012	0,073	FALSE
0,059	0,273	0,003	0,015	0,065	FALSE
-0,060	0,282	-0,002	0,012	0,055	FALSE
-0,009	0,290	0,002	0,010	0,060	FALSE
-0,072	0,278	-0,002	0,009	0,088	FALSE
-0,046	0,299	-0,005	0,015	0,115	FALSE
0,003	0,293	0,000	0,012	0,011	FALSE
-0,080	0,292	-0,002	0,010	0,089	FALSE
0,013	0,283	0,000	0,009	0,007	FALSE
0,045	0,288	0,001	0,010	0,022	FALSE
0,157	0,287	0,005	0,012	0,173	FALSE
0,018	0,289	0,000	0,010	0,015	FALSE
0,192	0,283	0,005	0,009	0,217	FALSE
0,024	0,295	0,003	0,015	0,062	FALSE
-0,002	0,292	0,000	0,008	0,020	FALSE
-0,071	0,286	-0,001	0,011	0,025	FALSE
0,179	0,265	0,004	0,009	0,180	FALSE
-0,134	0,287	-0,002	0,012	0,079	FALSE
-0,063	0,278	-0,003	0,010	0,109	FALSE
0,090	0,279	-0,001	0,015	0,013	FALSE
0,086	0,296	0,004	0,008	0,214	FALSE

0,087	0,283	0,002	0,011	0,078	FALSE
-0,050	0,278	-0,003	0,009	0,118	FALSE
0,055	0,271	0,001	0,011	0,043	FALSE
-0,025	0,280	-0,003	0,015	0,075	FALSE
0,072	0,291	0,002	0,013	0,053	FALSE
0,021	0,289	0,000	0,009	0,002	FALSE
0,032	0,296	0,001	0,015	0,035	FALSE
0,169	0,300	0,006	0,011	0,226	FALSE
0,227	0,278	0,005	0,007	0,298	FALSE
-0,005	0,281	-0,001	0,013	0,018	FALSE
0,071	0,301	0,003	0,008	0,167	FALSE
-0,167	0,288	-0,008	0,012	0,297	FALSE
-0,108	0,283	-0,003	0,013	0,089	FALSE
-0,076	0,302	-0,004	0,014	0,110	FALSE
-0,135	0,277	-0,003	0,008	0,165	FALSE
0,095	0,298	0,003	0,008	0,144	FALSE
0,019	0,291	0,000	0,009	0,011	FALSE
-0,032	0,304	-0,001	0,011	0,025	FALSE
-0,046	0,286	-0,001	0,010	0,051	FALSE
0,055	0,280	0,001	0,009	0,026	FALSE
-0,052	0,282	-0,002	0,012	0,076	FALSE
0,009	0,278	0,001	0,012	0,021	FALSE
0,004	0,302	0,000	0,008	0,020	FALSE
0,106	0,275	0,002	0,009	0,105	FALSE
-0,057	0,283	-0,006	0,014	0,171	FALSE
0,004	0,283	0,000	0,009	0,011	FALSE
-0,109	0,269	-0,004	0,014	0,109	FALSE
0,044	0,283	0,002	0,008	0,068	FALSE
0,255	0,263	0,004	0,007	0,246	FALSE
-0,066	0,303	0,000	0,009	0,015	FALSE
-0,155	0,280	-0,003	0,010	0,102	FALSE
-0,043	0,299	0,000	0,014	0,005	FALSE
0,008	0,293	0,001	0,012	0,047	FALSE
-0,056	0,284	-0,003	0,014	0,080	FALSE
0,128	0,282	0,006	0,015	0,164	FALSE
0,017	0,278	0,001	0,009	0,041	FALSE
0,197	0,272	0,006	0,011	0,216	FALSE
-0,087	0,291	-0,005	0,014	0,141	FALSE
0,179	0,293	0,004	0,008	0,197	FALSE
-0,067	0,279	-0,002	0,013	0,047	FALSE
0,085	0,280	0,002	0,009	0,096	FALSE
0,051	0,295	0,002	0,015	0,053	FALSE
-0,088	0,286	-0,005	0,013	0,141	FALSE
0,009	0,294	0,001	0,014	0,014	FALSE
-0,010	0,272	-0,001	0,011	0,017	FALSE
0,011	0,272	-0,001	0,009	0,044	FALSE
-0,107	0,281	-0,003	0,008	0,137	FALSE
0,116	0,279	0,003	0,009	0,155	FALSE
-0,194	0,284	-0,004	0,009	0,176	FALSE
0,020	0,295	0,003	0,009	0,111	FALSE
-0,060	0,298	-0,003	0,015	0,064	FALSE
0,065	0,300	0,004	0,009	0,151	FALSE
-0,008	0,305	-0,001	0,012	0,027	FALSE

-0,003	0,282	0,000	0,009	0,004	FALSE
-0,030	0,285	-0,001	0,013	0,018	FALSE
-0,042	0,290	-0,001	0,013	0,029	FALSE
0,018	0,289	0,000	0,010	0,001	FALSE
-0,003	0,294	-0,001	0,011	0,039	FALSE
-0,089	0,293	-0,004	0,011	0,133	FALSE
0,027	0,293	0,000	0,009	0,007	FALSE
0,023	0,289	0,002	0,008	0,087	FALSE
-0,016	0,305	-0,001	0,015	0,024	FALSE
-0,126	0,274	-0,003	0,009	0,151	FALSE
-0,050	0,292	-0,001	0,007	0,048	FALSE
0,004	0,282	0,000	0,010	0,012	FALSE
0,007	0,286	0,002	0,015	0,048	FALSE
0,136	0,283	0,006	0,009	0,307	FALSE
0,073	0,278	0,001	0,011	0,030	FALSE
-0,074	0,281	-0,003	0,009	0,142	FALSE
-0,047	0,281	0,000	0,008	0,006	FALSE
-0,059	0,289	-0,002	0,011	0,054	FALSE
0,167	0,270	0,008	0,013	0,258	FALSE
0,028	0,281	-0,001	0,014	0,023	FALSE
0,017	0,297	-0,001	0,015	0,016	FALSE
0,009	0,274	0,000	0,010	0,013	FALSE
-0,008	0,270	0,000	0,011	0,003	FALSE
-0,115	0,279	-0,003	0,014	0,070	FALSE
-0,076	0,293	-0,001	0,015	0,024	FALSE
0,133	0,285	0,004	0,008	0,188	FALSE
-0,161	0,285	-0,004	0,007	0,215	FALSE
0,050	0,296	0,003	0,008	0,158	FALSE
-0,013	0,270	-0,002	0,009	0,100	FALSE
0,026	0,289	0,000	0,011	0,010	FALSE
-0,064	0,284	-0,003	0,015	0,085	FALSE
-0,013	0,281	-0,001	0,014	0,023	FALSE
0,054	0,292	0,002	0,011	0,060	FALSE
0,021	0,292	0,001	0,014	0,039	FALSE
0,060	0,304	0,003	0,014	0,069	FALSE
0,140	0,275	0,006	0,015	0,175	FALSE
0,113	0,275	0,002	0,009	0,090	FALSE
0,037	0,276	0,005	0,014	0,123	FALSE
-0,190	0,281	-0,004	0,007	0,249	FALSE
0,004	0,287	0,000	0,009	0,000	FALSE
-0,037	0,291	-0,001	0,008	0,069	FALSE
-0,028	0,284	-0,001	0,011	0,024	FALSE
-0,033	0,284	-0,001	0,011	0,024	FALSE
-0,017	0,272	0,000	0,012	0,011	FALSE
0,043	0,291	0,001	0,014	0,033	FALSE
0,050	0,289	0,002	0,013	0,042	FALSE
-0,043	0,289	-0,002	0,007	0,086	FALSE
0,042	0,275	-0,001	0,014	0,027	FALSE
0,045	0,298	0,002	0,009	0,070	FALSE
-0,089	0,285	-0,002	0,014	0,055	FALSE
-0,114	0,268	-0,004	0,008	0,226	FALSE
0,042	0,292	0,003	0,012	0,100	FALSE
0,047	0,287	0,003	0,011	0,118	FALSE

0,005	0,276	0,001	0,015	0,017	FALSE
-0,001	0,286	0,001	0,013	0,030	FALSE
-0,055	0,275	-0,002	0,009	0,068	FALSE
0,074	0,288	0,005	0,014	0,144	FALSE
0,044	0,292	0,003	0,011	0,121	FALSE
0,050	0,281	0,003	0,014	0,088	FALSE
0,146	0,289	0,005	0,007	0,317	FALSE
0,009	0,299	0,000	0,014	0,007	FALSE
-0,007	0,301	-0,001	0,014	0,022	FALSE
0,020	0,284	0,001	0,010	0,028	FALSE
-0,026	0,283	-0,001	0,010	0,038	FALSE
0,132	0,284	0,006	0,011	0,235	FALSE
-0,147	0,284	-0,004	0,010	0,191	FALSE
-0,044	0,297	0,000	0,012	0,011	FALSE
-0,007	0,292	0,001	0,008	0,033	FALSE
0,194	0,270	0,004	0,009	0,156	FALSE
-0,140	0,292	-0,005	0,010	0,233	FALSE
0,078	0,295	0,005	0,013	0,139	FALSE
-0,171	0,270	-0,005	0,009	0,221	FALSE
0,076	0,299	0,004	0,010	0,148	FALSE
0,062	0,276	0,003	0,011	0,091	FALSE
-0,081	0,280	-0,002	0,011	0,062	FALSE
0,053	0,283	0,004	0,011	0,138	FALSE
0,210	0,291	0,008	0,014	0,239	FALSE
0,085	0,274	0,006	0,013	0,211	FALSE
0,063	0,288	0,004	0,012	0,137	FALSE
0,019	0,296	0,001	0,008	0,063	FALSE
-0,050	0,292	-0,001	0,012	0,021	FALSE
0,040	0,287	0,000	0,009	0,018	FALSE
-0,039	0,286	0,000	0,010	0,013	FALSE
-0,126	0,287	-0,003	0,013	0,097	FALSE
-0,014	0,289	-0,003	0,011	0,104	FALSE
-0,051	0,286	-0,004	0,011	0,152	FALSE
-0,104	0,296	-0,006	0,011	0,237	FALSE
0,000	0,292	0,002	0,011	0,077	FALSE
0,175	0,287	0,005	0,009	0,215	FALSE
0,243	0,286	0,006	0,010	0,270	FALSE
-0,025	0,303	-0,001	0,011	0,046	FALSE
0,061	0,285	0,000	0,009	0,013	FALSE
0,079	0,299	0,006	0,013	0,174	FALSE
0,176	0,271	0,004	0,009	0,195	FALSE
0,064	0,282	0,000	0,010	0,009	FALSE
0,150	0,290	0,004	0,007	0,196	FALSE
-0,144	0,273	-0,003	0,007	0,182	FALSE
-0,116	0,296	-0,002	0,008	0,109	FALSE
-0,071	0,285	-0,005	0,013	0,165	FALSE
0,212	0,282	0,006	0,008	0,321	FALSE
0,166	0,290	0,009	0,014	0,308	FALSE
0,155	0,282	0,009	0,014	0,288	FALSE
-0,161	0,291	-0,006	0,010	0,256	FALSE
0,153	0,285	0,003	0,008	0,158	FALSE
0,105	0,280	0,005	0,012	0,150	FALSE
0,083	0,293	0,003	0,013	0,086	FALSE

-0,053	0,277	-0,002	0,012	0,077	FALSE
0,233	0,279	0,006	0,011	0,240	FALSE
-0,088	0,282	-0,002	0,010	0,082	FALSE
-0,062	0,297	-0,002	0,014	0,059	FALSE
-0,123	0,277	-0,005	0,013	0,164	FALSE
-0,014	0,298	0,001	0,015	0,014	FALSE
-0,137	0,300	-0,004	0,013	0,140	FALSE
-0,004	0,304	0,001	0,015	0,031	FALSE
-0,138	0,283	-0,005	0,012	0,154	FALSE
-0,144	0,297	-0,005	0,012	0,148	FALSE
-0,111	0,279	-0,005	0,015	0,140	FALSE
-0,107	0,277	-0,004	0,013	0,134	FALSE
0,054	0,292	0,000	0,008	0,022	FALSE
-0,064	0,292	-0,002	0,011	0,075	FALSE
-0,067	0,284	0,000	0,014	0,003	FALSE
-0,096	0,280	-0,003	0,011	0,113	FALSE
-0,087	0,296	-0,003	0,012	0,091	FALSE
-0,039	0,289	-0,004	0,014	0,117	FALSE
0,110	0,286	0,001	0,007	0,064	FALSE
0,014	0,292	0,001	0,013	0,037	FALSE
0,017	0,290	0,002	0,013	0,049	FALSE
-0,014	0,292	0,000	0,012	0,015	FALSE
0,119	0,295	0,007	0,015	0,189	FALSE
0,125	0,287	0,006	0,015	0,155	FALSE
0,023	0,296	0,001	0,011	0,038	FALSE
0,110	0,278	0,006	0,015	0,156	FALSE
-0,221	0,273	-0,010	0,015	0,295	FALSE
0,218	0,288	0,010	0,015	0,281	FALSE
0,093	0,287	0,004	0,012	0,120	FALSE
-0,023	0,272	-0,001	0,008	0,034	FALSE
0,003	0,278	0,000	0,008	0,003	FALSE
0,012	0,273	0,001	0,010	0,043	FALSE
-0,089	0,291	-0,003	0,010	0,108	FALSE
0,051	0,280	0,000	0,008	0,006	FALSE
0,014	0,286	0,003	0,015	0,072	FALSE
0,060	0,275	0,000	0,008	0,001	FALSE
-0,118	0,271	-0,003	0,008	0,189	FALSE
-0,147	0,277	-0,005	0,011	0,193	FALSE
-0,122	0,272	-0,004	0,007	0,239	FALSE
0,068	0,296	0,005	0,014	0,154	FALSE
0,121	0,285	0,004	0,013	0,121	FALSE
0,131	0,289	0,005	0,015	0,132	FALSE
0,171	0,279	0,007	0,015	0,209	FALSE
-0,065	0,277	-0,001	0,012	0,027	FALSE
0,016	0,284	0,001	0,011	0,024	FALSE
0,040	0,281	0,002	0,013	0,057	FALSE
0,072	0,291	0,001	0,012	0,033	FALSE
0,074	0,284	0,003	0,010	0,111	FALSE
0,054	0,286	0,004	0,013	0,106	FALSE
0,110	0,298	0,003	0,009	0,150	FALSE
-0,092	0,266	-0,002	0,010	0,069	FALSE
-0,031	0,286	-0,001	0,008	0,028	FALSE
0,047	0,278	-0,001	0,012	0,027	FALSE

0,099	0,270	0,004	0,013	0,116	FALSE
-0,036	0,292	-0,002	0,009	0,080	FALSE
-0,076	0,283	-0,003	0,014	0,068	FALSE
-0,075	0,292	-0,001	0,008	0,063	FALSE
0,011	0,274	0,000	0,012	0,011	FALSE
0,070	0,289	0,003	0,010	0,114	FALSE
-0,024	0,278	-0,001	0,007	0,038	FALSE
-0,036	0,286	-0,001	0,010	0,029	FALSE
0,178	0,276	0,005	0,013	0,161	FALSE
0,075	0,278	0,003	0,009	0,136	FALSE
0,048	0,272	-0,001	0,007	0,045	FALSE
-0,190	0,262	-0,007	0,011	0,315	FALSE
-0,013	0,283	-0,001	0,014	0,018	FALSE
0,055	0,292	0,000	0,014	0,009	FALSE
0,016	0,275	0,002	0,013	0,057	FALSE
0,093	0,267	0,003	0,009	0,123	FALSE
0,046	0,277	0,002	0,009	0,077	FALSE
0,035	0,268	0,002	0,013	0,042	FALSE
-0,104	0,290	-0,005	0,015	0,119	FALSE
-0,105	0,284	-0,004	0,015	0,113	FALSE
-0,114	0,279	-0,006	0,013	0,214	FALSE
-0,048	0,297	-0,001	0,008	0,066	FALSE
-0,031	0,285	-0,001	0,007	0,050	FALSE
-0,081	0,289	-0,001	0,009	0,027	FALSE
0,074	0,275	0,001	0,008	0,049	FALSE
-0,029	0,284	-0,001	0,014	0,024	FALSE
-0,142	0,275	-0,003	0,008	0,152	FALSE
-0,018	0,276	0,000	0,013	0,009	FALSE
0,030	0,288	0,000	0,011	0,000	FALSE
0,015	0,294	0,000	0,011	0,002	FALSE
0,139	0,285	0,003	0,011	0,109	FALSE
-0,124	0,295	-0,002	0,010	0,077	FALSE
-0,154	0,282	-0,004	0,008	0,226	FALSE
0,102	0,291	0,001	0,010	0,056	FALSE
-0,241	0,265	-0,005	0,007	0,318	FALSE
-0,221	0,281	-0,005	0,009	0,272	FALSE
0,130	0,284	0,003	0,012	0,113	FALSE
0,001	0,290	-0,001	0,008	0,026	FALSE
-0,021	0,268	-0,001	0,008	0,064	FALSE
0,080	0,277	0,003	0,014	0,084	FALSE
0,128	0,291	0,004	0,014	0,125	FALSE
0,052	0,287	0,002	0,010	0,063	FALSE
0,095	0,282	0,001	0,012	0,038	FALSE
0,193	0,286	0,004	0,008	0,191	FALSE
0,017	0,295	0,002	0,008	0,078	FALSE
0,033	0,292	0,002	0,007	0,106	FALSE
0,049	0,288	0,000	0,009	0,011	FALSE
-0,078	0,290	-0,002	0,008	0,117	FALSE
0,054	0,288	0,003	0,010	0,123	FALSE
-0,085	0,284	-0,002	0,013	0,066	FALSE
-0,229	0,276	-0,006	0,008	0,332	FALSE
0,054	0,283	0,000	0,009	0,002	FALSE
-0,013	0,282	-0,003	0,010	0,106	FALSE

0,106	0,291	0,003	0,007	0,159	FALSE
0,042	0,284	0,000	0,007	0,018	FALSE
-0,117	0,282	-0,002	0,008	0,115	FALSE
0,028	0,289	0,000	0,009	0,005	FALSE
-0,187	0,289	-0,005	0,008	0,244	FALSE
-0,272	0,281	-0,009	0,011	0,382	FALSE
-0,111	0,286	-0,002	0,007	0,107	FALSE
-0,120	0,297	-0,003	0,008	0,140	FALSE
0,076	0,282	0,004	0,013	0,113	FALSE
0,044	0,270	0,003	0,011	0,123	FALSE
0,023	0,295	0,001	0,010	0,021	FALSE
-0,049	0,280	-0,001	0,014	0,027	FALSE
0,163	0,290	0,004	0,008	0,183	FALSE
-0,048	0,281	-0,002	0,014	0,040	FALSE
-0,076	0,269	-0,003	0,013	0,099	FALSE
-0,001	0,279	0,000	0,014	0,005	FALSE
0,122	0,290	0,003	0,011	0,088	FALSE
0,008	0,284	0,001	0,009	0,049	FALSE
-0,069	0,274	-0,001	0,007	0,048	FALSE
-0,114	0,295	-0,003	0,010	0,101	FALSE
0,081	0,292	0,003	0,011	0,113	FALSE
0,102	0,291	0,004	0,011	0,142	FALSE
0,074	0,288	0,003	0,015	0,091	FALSE
-0,184	0,285	-0,004	0,010	0,154	FALSE
-0,108	0,295	-0,002	0,012	0,080	FALSE
0,173	0,291	0,003	0,009	0,146	FALSE
-0,149	0,277	-0,006	0,014	0,174	FALSE
-0,145	0,286	-0,006	0,014	0,176	FALSE
-0,134	0,271	-0,005	0,014	0,151	FALSE
0,042	0,282	0,002	0,015	0,042	FALSE
0,085	0,283	0,001	0,014	0,037	FALSE
-0,150	0,287	-0,005	0,015	0,143	FALSE
-0,100	0,299	-0,004	0,015	0,107	FALSE
-0,038	0,284	-0,001	0,008	0,056	FALSE
-0,024	0,291	0,001	0,008	0,037	FALSE
-0,030	0,295	0,001	0,009	0,033	FALSE
0,115	0,285	0,003	0,014	0,085	FALSE
0,122	0,285	0,003	0,013	0,095	FALSE
0,241	0,268	0,004	0,008	0,205	FALSE
0,026	0,280	0,000	0,015	0,011	FALSE
-0,068	0,279	-0,002	0,014	0,042	FALSE
-0,049	0,275	-0,001	0,013	0,023	FALSE
-0,031	0,280	-0,002	0,015	0,039	FALSE
-0,119	0,272	-0,002	0,009	0,088	FALSE
-0,025	0,284	-0,003	0,011	0,110	FALSE
-0,084	0,300	-0,002	0,008	0,069	FALSE
0,056	0,284	0,000	0,007	0,010	FALSE
0,139	0,283	0,005	0,012	0,160	FALSE
0,025	0,294	0,000	0,009	0,005	FALSE
0,097	0,275	0,001	0,008	0,034	FALSE
0,047	0,289	0,002	0,011	0,069	FALSE
-0,090	0,294	-0,002	0,009	0,087	FALSE
0,003	0,286	-0,001	0,011	0,018	FALSE

-0,032	0,285	-0,001	0,015	0,033	FALSE
-0,018	0,280	-0,001	0,013	0,028	FALSE
-0,065	0,288	-0,001	0,009	0,051	FALSE
-0,182	0,282	-0,008	0,014	0,240	FALSE
0,039	0,294	0,001	0,010	0,031	FALSE
0,038	0,292	0,003	0,014	0,082	FALSE
-0,068	0,289	-0,004	0,014	0,118	FALSE
0,054	0,291	0,001	0,011	0,042	FALSE
0,016	0,279	0,000	0,008	0,019	FALSE
0,053	0,284	0,003	0,009	0,137	FALSE
0,043	0,282	0,001	0,011	0,019	FALSE
0,145	0,274	0,003	0,011	0,112	FALSE
0,020	0,284	0,001	0,011	0,035	FALSE
-0,086	0,269	-0,001	0,011	0,046	FALSE
-0,020	0,290	0,001	0,009	0,037	FALSE
-0,059	0,268	0,000	0,012	0,014	FALSE
0,066	0,286	0,003	0,008	0,137	FALSE
0,016	0,290	0,003	0,014	0,082	FALSE
0,022	0,287	0,000	0,010	0,009	FALSE
0,098	0,281	0,002	0,008	0,082	FALSE
-0,186	0,277	-0,006	0,009	0,301	FALSE
-0,001	0,266	0,003	0,013	0,087	FALSE
-0,012	0,286	0,001	0,010	0,023	FALSE
0,187	0,296	0,008	0,012	0,299	FALSE
0,062	0,294	0,001	0,009	0,039	FALSE
-0,069	0,285	-0,003	0,013	0,088	FALSE
0,155	0,271	0,006	0,014	0,162	FALSE
0,103	0,283	0,001	0,008	0,061	FALSE
0,054	0,283	0,003	0,015	0,083	FALSE
-0,011	0,290	0,000	0,015	0,001	FALSE
0,034	0,290	0,003	0,015	0,066	FALSE
0,009	0,282	0,002	0,014	0,045	FALSE
0,101	0,291	0,004	0,011	0,141	FALSE
0,030	0,284	0,002	0,012	0,077	FALSE
0,015	0,278	0,001	0,011	0,037	FALSE
0,035	0,286	0,001	0,009	0,058	FALSE
-0,059	0,273	-0,002	0,013	0,045	FALSE
0,025	0,289	0,001	0,013	0,030	FALSE
-0,023	0,278	0,000	0,012	0,009	FALSE
-0,127	0,275	-0,002	0,008	0,113	FALSE
-0,045	0,294	0,001	0,011	0,038	FALSE
-0,141	0,287	-0,003	0,009	0,147	FALSE
-0,083	0,288	-0,003	0,007	0,192	FALSE
-0,149	0,278	-0,008	0,012	0,280	FALSE
-0,120	0,293	-0,006	0,013	0,208	FALSE
-0,004	0,295	0,000	0,013	0,010	FALSE
0,129	0,302	0,003	0,009	0,112	FALSE
-0,131	0,286	-0,003	0,014	0,092	FALSE
0,171	0,292	0,004	0,009	0,182	FALSE
0,182	0,277	0,004	0,009	0,214	FALSE
-0,067	0,284	-0,002	0,007	0,093	FALSE
0,044	0,290	0,005	0,015	0,122	FALSE
-0,092	0,284	-0,003	0,008	0,142	FALSE

-0,026	0,279	-0,001	0,008	0,027	FALSE
-0,066	0,301	-0,005	0,013	0,145	FALSE
0,025	0,278	-0,001	0,014	0,017	FALSE
-0,013	0,294	0,000	0,010	0,013	FALSE
-0,069	0,289	-0,002	0,010	0,057	FALSE
0,005	0,285	-0,002	0,008	0,101	FALSE
-0,016	0,278	0,001	0,007	0,046	FALSE
-0,017	0,285	0,001	0,009	0,022	FALSE
0,080	0,289	0,001	0,008	0,052	FALSE
-0,067	0,291	-0,002	0,010	0,060	FALSE
0,093	0,293	0,003	0,010	0,137	FALSE
0,018	0,275	0,000	0,014	0,003	FALSE
-0,092	0,281	-0,004	0,014	0,096	FALSE
-0,001	0,280	0,001	0,014	0,018	FALSE
-0,156	0,279	-0,004	0,014	0,127	FALSE
0,015	0,291	0,001	0,009	0,021	FALSE
0,084	0,291	0,002	0,013	0,068	FALSE
-0,013	0,280	-0,001	0,010	0,047	FALSE
-0,036	0,288	0,001	0,009	0,036	FALSE
-0,274	0,272	-0,011	0,015	0,316	FALSE
0,313	0,268	0,012	0,015	0,344	FALSE
0,293	0,282	0,012	0,015	0,383	FALSE
0,037	0,272	-0,002	0,008	0,087	FALSE
0,127	0,268	0,001	0,007	0,038	FALSE
0,211	0,275	0,003	0,007	0,146	FALSE
-0,022	0,287	-0,002	0,009	0,096	FALSE
0,041	0,271	0,000	0,014	0,002	FALSE
-0,061	0,293	-0,001	0,009	0,051	FALSE
-0,058	0,278	-0,001	0,008	0,046	FALSE
0,081	0,283	0,003	0,013	0,086	FALSE
-0,012	0,284	0,000	0,010	0,002	FALSE
-0,084	0,295	-0,001	0,007	0,044	FALSE
0,016	0,284	0,001	0,008	0,037	FALSE
-0,074	0,271	-0,007	0,014	0,194	FALSE
-0,146	0,285	-0,005	0,009	0,245	FALSE
-0,095	0,298	-0,002	0,008	0,105	FALSE
-0,072	0,277	-0,004	0,014	0,125	FALSE
0,044	0,296	0,002	0,012	0,051	FALSE
0,050	0,270	0,000	0,008	0,000	FALSE
0,033	0,284	0,000	0,009	0,015	FALSE
0,042	0,281	0,001	0,012	0,031	FALSE
-0,070	0,294	-0,003	0,015	0,063	FALSE
-0,033	0,294	-0,001	0,008	0,060	FALSE
-0,018	0,283	0,000	0,010	0,005	FALSE
0,056	0,280	0,004	0,008	0,200	FALSE
0,134	0,286	0,008	0,013	0,272	FALSE
0,155	0,286	0,009	0,013	0,324	FALSE
0,117	0,285	0,008	0,013	0,280	FALSE
0,138	0,279	0,004	0,009	0,171	FALSE
-0,153	0,277	-0,004	0,010	0,139	FALSE
0,042	0,288	-0,001	0,009	0,020	FALSE
0,066	0,281	0,001	0,009	0,044	FALSE
0,167	0,276	0,006	0,012	0,195	FALSE

0,077	0,289	0,005	0,014	0,130	FALSE
-0,091	0,287	-0,002	0,007	0,094	FALSE
0,057	0,286	0,001	0,010	0,052	FALSE
-0,075	0,275	-0,004	0,009	0,171	FALSE
0,099	0,292	0,004	0,013	0,128	FALSE
-0,120	0,284	-0,004	0,008	0,184	FALSE
0,062	0,297	0,003	0,009	0,137	FALSE
0,018	0,290	-0,001	0,014	0,023	FALSE
-0,159	0,287	-0,005	0,010	0,229	FALSE
0,064	0,297	0,001	0,010	0,032	FALSE
-0,216	0,266	-0,009	0,011	0,375	FALSE
0,040	0,282	0,001	0,008	0,029	FALSE
-0,128	0,272	-0,006	0,013	0,187	FALSE
0,047	0,291	0,003	0,011	0,124	FALSE
-0,039	0,279	-0,002	0,008	0,080	FALSE
0,045	0,278	0,001	0,008	0,054	FALSE
0,040	0,270	0,005	0,014	0,148	FALSE
0,046	0,272	0,005	0,014	0,144	FALSE
-0,024	0,292	0,001	0,011	0,034	FALSE
-0,035	0,288	-0,001	0,010	0,051	FALSE
0,121	0,292	0,005	0,010	0,213	FALSE
0,148	0,290	0,004	0,010	0,173	FALSE
-0,046	0,285	0,001	0,011	0,034	FALSE
-0,017	0,286	-0,002	0,009	0,065	FALSE
-0,070	0,285	0,001	0,012	0,018	FALSE
-0,108	0,295	-0,001	0,013	0,025	FALSE
-0,120	0,284	-0,002	0,012	0,058	FALSE
0,222	0,258	0,010	0,015	0,291	FALSE
-0,012	0,291	-0,001	0,015	0,017	FALSE
0,050	0,286	0,002	0,014	0,040	FALSE
0,026	0,296	0,001	0,015	0,023	FALSE
-0,011	0,288	-0,001	0,015	0,023	FALSE
0,021	0,289	0,000	0,014	0,010	FALSE
0,089	0,290	0,004	0,014	0,122	FALSE
-0,086	0,282	-0,001	0,008	0,050	FALSE
-0,046	0,285	-0,001	0,007	0,062	FALSE
0,031	0,289	0,000	0,008	0,009	FALSE
-0,110	0,275	-0,004	0,011	0,140	FALSE
0,103	0,303	0,002	0,010	0,083	FALSE
0,046	0,285	0,001	0,011	0,040	FALSE
0,070	0,281	0,004	0,015	0,104	FALSE
-0,109	0,271	-0,010	0,015	0,291	FALSE
-0,069	0,270	-0,008	0,014	0,227	FALSE
-0,096	0,273	-0,008	0,015	0,244	FALSE
-0,065	0,273	-0,007	0,015	0,205	FALSE
0,107	0,276	0,001	0,011	0,037	FALSE
0,015	0,286	-0,002	0,011	0,060	FALSE
-0,197	0,275	-0,008	0,014	0,254	FALSE
-0,064	0,292	-0,002	0,013	0,051	FALSE
-0,100	0,282	-0,004	0,013	0,108	FALSE
0,003	0,291	0,000	0,015	0,009	FALSE
-0,083	0,272	-0,005	0,013	0,161	FALSE
-0,048	0,292	-0,003	0,008	0,132	FALSE

0,040	0,279	-0,001	0,013	0,016	FALSE
-0,211	0,277	-0,008	0,013	0,261	FALSE
0,094	0,282	0,006	0,013	0,214	FALSE
-0,176	0,277	-0,005	0,007	0,294	FALSE
-0,083	0,301	-0,001	0,010	0,052	FALSE
-0,141	0,281	-0,006	0,013	0,198	FALSE
-0,188	0,275	-0,007	0,011	0,290	FALSE
0,021	0,287	0,000	0,011	0,004	FALSE
0,123	0,294	0,003	0,011	0,114	FALSE
-0,095	0,285	-0,002	0,008	0,094	FALSE
-0,052	0,287	-0,002	0,015	0,058	FALSE
0,006	0,294	-0,002	0,011	0,058	FALSE
-0,107	0,288	-0,006	0,014	0,166	FALSE
-0,051	0,301	-0,001	0,008	0,050	FALSE
-0,069	0,293	-0,001	0,008	0,069	FALSE
-0,076	0,292	-0,002	0,008	0,080	FALSE
-0,146	0,285	-0,007	0,013	0,219	FALSE
0,046	0,291	0,000	0,012	0,013	FALSE
0,095	0,283	0,006	0,014	0,169	FALSE
-0,049	0,303	-0,001	0,008	0,050	FALSE
-0,001	0,286	0,001	0,007	0,059	FALSE
-0,055	0,292	-0,001	0,008	0,056	FALSE
-0,020	0,265	-0,001	0,011	0,023	FALSE
0,006	0,291	0,000	0,012	0,008	FALSE
-0,065	0,283	-0,001	0,008	0,046	FALSE
0,066	0,289	0,002	0,013	0,058	FALSE
-0,045	0,284	0,000	0,008	0,020	FALSE
-0,063	0,303	-0,001	0,013	0,020	FALSE
-0,055	0,282	-0,002	0,009	0,077	FALSE
0,134	0,296	0,004	0,011	0,121	FALSE
0,002	0,284	0,001	0,007	0,048	FALSE
-0,070	0,297	-0,002	0,011	0,081	FALSE
0,010	0,284	0,000	0,012	0,013	FALSE
-0,029	0,286	-0,001	0,010	0,033	FALSE
0,013	0,287	0,001	0,014	0,029	FALSE
0,012	0,284	0,000	0,013	0,009	FALSE
-0,006	0,294	-0,001	0,014	0,028	FALSE
0,018	0,292	0,003	0,012	0,092	FALSE
-0,007	0,308	0,001	0,008	0,054	FALSE
0,115	0,293	0,002	0,008	0,101	FALSE
0,001	0,300	0,001	0,013	0,035	FALSE
-0,141	0,275	-0,003	0,014	0,091	FALSE
-0,025	0,284	0,001	0,010	0,047	FALSE
-0,115	0,285	-0,004	0,015	0,093	FALSE
0,006	0,272	-0,001	0,009	0,029	FALSE
0,067	0,270	0,003	0,012	0,100	FALSE
0,080	0,292	0,001	0,008	0,030	FALSE
0,031	0,282	0,003	0,013	0,090	FALSE
0,014	0,284	0,003	0,014	0,094	FALSE
0,034	0,300	0,002	0,009	0,074	FALSE
-0,021	0,273	0,000	0,014	0,006	FALSE
-0,068	0,283	-0,002	0,010	0,062	FALSE
0,013	0,284	0,000	0,007	0,010	FALSE

-0,060	0,296	-0,001	0,011	0,021	FALSE
0,094	0,307	0,003	0,009	0,122	FALSE
-0,055	0,267	-0,002	0,008	0,112	FALSE
-0,150	0,286	-0,003	0,010	0,129	FALSE
0,009	0,300	0,000	0,015	0,009	FALSE
0,101	0,287	0,001	0,010	0,045	FALSE
-0,016	0,283	0,000	0,009	0,008	FALSE
-0,214	0,281	-0,007	0,009	0,351	FALSE
-0,200	0,277	-0,006	0,009	0,307	FALSE
0,037	0,273	0,001	0,011	0,037	FALSE
0,120	0,288	0,005	0,008	0,261	FALSE
-0,010	0,292	0,001	0,009	0,064	FALSE
0,009	0,302	0,001	0,011	0,042	FALSE
-0,006	0,295	0,001	0,011	0,030	FALSE
0,000	0,291	0,001	0,011	0,026	FALSE
0,113	0,300	0,003	0,010	0,131	FALSE
0,013	0,288	0,002	0,010	0,059	FALSE
0,012	0,282	0,001	0,012	0,041	FALSE
-0,194	0,282	-0,007	0,015	0,207	FALSE
-0,268	0,259	-0,010	0,014	0,338	FALSE
-0,097	0,295	-0,003	0,009	0,125	FALSE
-0,293	0,263	-0,011	0,012	0,447	FALSE
-0,220	0,266	-0,008	0,011	0,302	FALSE
0,092	0,295	0,002	0,009	0,087	FALSE
-0,054	0,294	-0,001	0,008	0,050	FALSE
-0,048	0,273	-0,001	0,007	0,034	FALSE
-0,026	0,300	0,000	0,011	0,006	FALSE
0,182	0,259	0,007	0,012	0,260	FALSE
-0,117	0,279	-0,003	0,010	0,123	FALSE
-0,030	0,278	-0,003	0,011	0,088	FALSE
0,001	0,291	0,001	0,008	0,061	FALSE
-0,040	0,280	-0,003	0,011	0,109	FALSE
-0,033	0,276	-0,003	0,012	0,106	FALSE
-0,063	0,289	0,001	0,007	0,036	FALSE
0,004	0,272	-0,001	0,015	0,016	FALSE
0,201	0,286	0,004	0,008	0,256	FALSE
0,144	0,279	0,005	0,011	0,207	FALSE
-0,014	0,298	-0,003	0,015	0,066	FALSE
-0,042	0,284	-0,004	0,015	0,103	FALSE
-0,060	0,291	-0,005	0,014	0,147	FALSE
-0,042	0,285	-0,001	0,014	0,026	FALSE
0,063	0,274	0,004	0,008	0,179	FALSE
-0,141	0,280	-0,005	0,011	0,173	FALSE
-0,053	0,296	0,000	0,010	0,004	FALSE
-0,002	0,282	0,002	0,009	0,065	FALSE
0,037	0,285	0,003	0,014	0,070	FALSE
0,022	0,292	-0,001	0,009	0,021	FALSE
-0,133	0,279	-0,005	0,012	0,152	FALSE
-0,040	0,298	-0,003	0,016	0,068	FALSE
-0,045	0,283	-0,003	0,013	0,083	FALSE
0,184	0,283	0,006	0,013	0,203	FALSE
-0,127	0,286	-0,003	0,011	0,121	FALSE
0,194	0,288	0,003	0,009	0,158	FALSE

-0,093	0,275	-0,003	0,008	0,133	FALSE
-0,219	0,286	-0,009	0,014	0,299	FALSE
0,100	0,290	0,004	0,010	0,161	FALSE
-0,074	0,299	-0,003	0,011	0,104	FALSE
-0,090	0,294	-0,005	0,013	0,140	FALSE
0,094	0,297	0,001	0,009	0,043	FALSE
0,118	0,282	0,005	0,010	0,209	FALSE
0,198	0,280	0,003	0,008	0,173	FALSE
0,030	0,283	-0,002	0,012	0,074	FALSE
-0,022	0,275	0,000	0,011	0,015	FALSE
-0,034	0,274	0,000	0,011	0,015	FALSE
-0,068	0,287	0,000	0,014	0,004	FALSE
0,009	0,284	0,001	0,008	0,039	FALSE
-0,139	0,285	-0,007	0,013	0,218	FALSE
-0,116	0,291	-0,006	0,013	0,197	FALSE
0,036	0,293	0,002	0,008	0,103	FALSE
-0,092	0,287	-0,002	0,010	0,086	FALSE
-0,049	0,287	-0,002	0,010	0,096	FALSE
0,088	0,294	0,001	0,013	0,037	FALSE
-0,026	0,297	-0,002	0,012	0,055	FALSE
-0,047	0,283	-0,003	0,011	0,118	FALSE
-0,009	0,279	0,000	0,008	0,000	FALSE
0,015	0,296	0,002	0,010	0,074	FALSE
0,151	0,279	0,003	0,008	0,167	FALSE
0,073	0,284	0,004	0,013	0,124	FALSE
-0,153	0,289	-0,003	0,010	0,113	FALSE
0,159	0,301	0,003	0,008	0,161	FALSE
-0,099	0,278	-0,002	0,010	0,074	FALSE
-0,119	0,272	-0,003	0,011	0,107	FALSE
0,022	0,299	-0,001	0,015	0,021	FALSE
-0,015	0,287	0,001	0,009	0,061	FALSE
-0,053	0,289	0,001	0,014	0,025	FALSE
-0,045	0,283	0,001	0,014	0,022	FALSE
-0,112	0,289	-0,009	0,015	0,252	FALSE
-0,026	0,289	-0,003	0,012	0,099	FALSE
-0,037	0,286	-0,003	0,011	0,083	FALSE
0,197	0,270	0,002	0,008	0,104	FALSE
-0,156	0,281	-0,007	0,013	0,231	FALSE
-0,184	0,276	-0,008	0,012	0,276	FALSE
0,125	0,282	0,006	0,009	0,269	FALSE
0,033	0,288	0,000	0,014	0,001	FALSE
-0,045	0,276	-0,003	0,009	0,118	FALSE
-0,003	0,301	-0,001	0,014	0,030	FALSE
0,042	0,282	0,003	0,011	0,118	FALSE
-0,031	0,281	0,000	0,007	0,021	FALSE
0,082	0,293	0,003	0,011	0,093	FALSE
0,082	0,294	0,001	0,012	0,036	FALSE
0,043	0,286	0,003	0,014	0,084	FALSE
0,018	0,292	0,000	0,010	0,016	FALSE
0,132	0,282	0,005	0,012	0,165	FALSE
-0,159	0,282	-0,004	0,010	0,172	FALSE
-0,067	0,284	0,001	0,014	0,025	FALSE
0,070	0,307	0,004	0,009	0,159	FALSE

-0,036	0,289	-0,001	0,008	0,033	FALSE
-0,076	0,292	-0,002	0,009	0,095	FALSE
-0,104	0,283	-0,003	0,015	0,063	FALSE
0,161	0,276	0,002	0,008	0,091	FALSE
-0,021	0,285	-0,003	0,015	0,076	FALSE
0,098	0,286	0,002	0,015	0,058	FALSE
0,112	0,298	0,003	0,013	0,096	FALSE
-0,065	0,290	-0,001	0,009	0,043	FALSE
-0,061	0,295	-0,001	0,009	0,030	FALSE
0,006	0,287	0,001	0,009	0,042	FALSE
-0,164	0,277	-0,004	0,012	0,131	FALSE
-0,101	0,291	-0,003	0,007	0,158	FALSE
-0,133	0,287	-0,002	0,008	0,118	FALSE
-0,196	0,271	-0,008	0,015	0,231	FALSE
0,095	0,291	0,003	0,009	0,157	FALSE
0,001	0,300	0,003	0,014	0,067	FALSE
0,011	0,296	0,003	0,014	0,076	FALSE
0,155	0,298	0,005	0,012	0,175	FALSE
-0,166	0,274	-0,007	0,012	0,253	FALSE
-0,182	0,284	-0,008	0,012	0,307	FALSE
-0,174	0,276	-0,007	0,012	0,258	FALSE
0,058	0,283	0,003	0,014	0,094	FALSE
-0,026	0,279	-0,002	0,011	0,083	FALSE
0,092	0,289	0,002	0,008	0,111	FALSE
-0,013	0,273	-0,001	0,009	0,055	FALSE
-0,105	0,284	-0,003	0,009	0,113	FALSE
-0,026	0,277	-0,002	0,010	0,068	FALSE
-0,055	0,271	-0,003	0,010	0,117	FALSE
-0,168	0,279	-0,010	0,014	0,314	FALSE
-0,023	0,269	-0,002	0,009	0,069	FALSE
0,013	0,281	-0,001	0,009	0,059	FALSE
-0,021	0,271	-0,002	0,009	0,107	FALSE
0,054	0,299	0,002	0,012	0,057	FALSE
-0,072	0,293	-0,002	0,008	0,072	FALSE
-0,071	0,283	-0,001	0,009	0,042	FALSE
0,150	0,280	0,005	0,012	0,169	FALSE
-0,208	0,261	-0,006	0,013	0,217	FALSE
0,005	0,277	0,000	0,011	0,011	FALSE
-0,025	0,278	-0,001	0,010	0,053	FALSE
0,020	0,277	0,001	0,012	0,016	FALSE
0,103	0,283	0,006	0,014	0,184	FALSE
0,121	0,284	0,003	0,009	0,121	FALSE
-0,061	0,288	0,000	0,008	0,005	FALSE
-0,023	0,284	0,001	0,014	0,031	FALSE
0,127	0,291	0,004	0,011	0,137	FALSE
-0,146	0,265	-0,004	0,009	0,195	FALSE
0,158	0,272	0,005	0,011	0,190	FALSE
-0,011	0,289	-0,002	0,008	0,075	FALSE
0,111	0,279	0,005	0,014	0,137	FALSE
-0,155	0,279	-0,003	0,007	0,163	FALSE
0,044	0,290	0,002	0,008	0,106	FALSE
0,103	0,282	0,002	0,007	0,129	FALSE
-0,122	0,281	-0,004	0,012	0,125	FALSE

0,131	0,285	0,003	0,013	0,081	FALSE
-0,028	0,284	-0,001	0,008	0,048	FALSE
0,111	0,273	0,003	0,009	0,141	FALSE
-0,120	0,284	-0,005	0,014	0,156	FALSE
0,065	0,286	0,003	0,009	0,114	FALSE
0,089	0,287	0,000	0,010	0,009	FALSE
0,176	0,291	0,005	0,012	0,187	FALSE
-0,227	0,269	-0,005	0,008	0,285	FALSE
-0,088	0,277	-0,006	0,014	0,158	FALSE
-0,010	0,290	0,000	0,009	0,008	FALSE
-0,142	0,288	-0,003	0,008	0,117	FALSE
-0,132	0,292	-0,005	0,014	0,142	FALSE
0,085	0,291	0,003	0,009	0,138	FALSE
-0,097	0,284	-0,004	0,013	0,134	FALSE
0,122	0,281	0,005	0,015	0,124	FALSE
0,132	0,277	0,005	0,014	0,147	FALSE
0,015	0,286	0,000	0,012	0,013	FALSE
0,099	0,287	0,004	0,014	0,119	FALSE
0,087	0,289	0,004	0,013	0,118	FALSE
0,076	0,286	0,001	0,008	0,064	FALSE
0,062	0,281	0,001	0,007	0,061	FALSE
0,037	0,298	0,003	0,014	0,082	FALSE
-0,025	0,290	0,000	0,014	0,006	FALSE
0,032	0,299	0,002	0,013	0,058	FALSE
-0,038	0,284	-0,002	0,012	0,063	FALSE
0,011	0,295	0,002	0,015	0,062	FALSE
0,126	0,285	0,006	0,013	0,179	FALSE
0,155	0,279	0,009	0,014	0,282	FALSE
0,137	0,283	0,002	0,008	0,126	FALSE
0,024	0,303	0,002	0,015	0,043	FALSE
0,137	0,284	0,005	0,012	0,169	FALSE
0,004	0,295	0,002	0,012	0,077	FALSE
-0,035	0,295	-0,002	0,014	0,060	FALSE
-0,012	0,280	0,002	0,010	0,076	FALSE
0,053	0,288	0,002	0,009	0,097	FALSE
-0,123	0,288	-0,004	0,009	0,207	FALSE
0,183	0,280	0,004	0,007	0,268	FALSE
0,069	0,289	0,001	0,007	0,070	FALSE
-0,045	0,272	-0,002	0,014	0,064	FALSE
-0,106	0,298	-0,003	0,009	0,155	FALSE
-0,048	0,270	-0,004	0,013	0,115	FALSE
-0,029	0,309	-0,002	0,010	0,088	FALSE
0,003	0,287	-0,001	0,013	0,027	FALSE
0,223	0,274	0,005	0,008	0,263	FALSE
0,097	0,283	0,005	0,011	0,190	FALSE
0,246	0,273	0,011	0,013	0,383	FALSE
0,032	0,280	0,002	0,010	0,085	FALSE
-0,093	0,289	-0,001	0,008	0,025	FALSE
0,081	0,280	0,001	0,010	0,037	FALSE
0,127	0,286	0,004	0,015	0,102	FALSE
0,136	0,284	0,005	0,015	0,131	FALSE
0,131	0,290	0,004	0,010	0,188	FALSE
0,047	0,278	0,000	0,007	0,008	FALSE

0,000	0,288	-0,002	0,008	0,099	FALSE
0,205	0,267	0,009	0,013	0,319	FALSE
0,166	0,274	0,006	0,014	0,180	FALSE
0,150	0,292	0,005	0,015	0,148	FALSE
-0,010	0,298	-0,002	0,010	0,062	FALSE
0,078	0,288	0,001	0,008	0,039	FALSE
0,093	0,299	0,002	0,008	0,089	FALSE
-0,249	0,271	-0,005	0,007	0,328	FALSE
0,054	0,287	0,005	0,015	0,130	FALSE
-0,138	0,267	-0,004	0,007	0,206	FALSE
-0,073	0,271	-0,008	0,013	0,241	FALSE
0,007	0,285	0,001	0,008	0,053	FALSE
-0,145	0,287	-0,006	0,014	0,166	FALSE
-0,089	0,287	-0,003	0,009	0,112	FALSE
-0,032	0,291	-0,002	0,011	0,083	FALSE
0,087	0,282	0,006	0,015	0,168	FALSE
0,059	0,291	0,001	0,015	0,033	FALSE
0,049	0,292	0,004	0,014	0,121	FALSE
-0,067	0,284	-0,002	0,009	0,086	FALSE
0,033	0,285	0,000	0,015	0,011	FALSE
-0,103	0,278	-0,002	0,008	0,089	FALSE
0,051	0,291	0,002	0,015	0,057	FALSE
0,033	0,300	0,001	0,008	0,031	FALSE
-0,059	0,284	-0,003	0,011	0,117	FALSE
-0,129	0,279	-0,004	0,009	0,198	FALSE
-0,023	0,300	-0,001	0,011	0,026	FALSE
0,013	0,280	-0,001	0,008	0,031	FALSE
0,041	0,299	0,002	0,014	0,065	FALSE
-0,043	0,288	-0,001	0,015	0,035	FALSE
-0,069	0,297	-0,002	0,014	0,053	FALSE
-0,006	0,286	0,001	0,014	0,031	FALSE
-0,077	0,277	-0,001	0,007	0,075	FALSE
0,092	0,271	0,002	0,011	0,087	FALSE
-0,137	0,278	-0,006	0,011	0,225	FALSE
0,013	0,284	-0,001	0,008	0,037	FALSE
0,056	0,287	0,002	0,009	0,093	FALSE
0,024	0,287	0,002	0,013	0,060	FALSE
0,024	0,297	0,002	0,015	0,041	FALSE
0,032	0,295	0,002	0,009	0,063	FALSE
0,035	0,281	0,003	0,013	0,098	FALSE
0,098	0,284	0,003	0,012	0,113	FALSE
-0,074	0,298	-0,001	0,008	0,026	FALSE
-0,154	0,284	-0,005	0,012	0,149	FALSE
0,105	0,290	0,003	0,008	0,118	FALSE
0,028	0,280	0,001	0,009	0,037	FALSE
0,017	0,297	0,001	0,010	0,027	FALSE
0,019	0,276	0,001	0,009	0,041	FALSE
-0,090	0,293	-0,004	0,012	0,130	FALSE
0,205	0,280	0,004	0,009	0,199	FALSE
-0,045	0,281	-0,003	0,010	0,105	FALSE
-0,093	0,300	-0,004	0,013	0,121	FALSE
-0,096	0,281	-0,003	0,009	0,108	FALSE
0,095	0,264	0,000	0,012	0,014	FALSE

-0,066	0,272	-0,001	0,009	0,052	FALSE
0,001	0,283	-0,001	0,012	0,036	FALSE
-0,023	0,275	0,000	0,010	0,015	FALSE
0,037	0,286	0,002	0,012	0,065	FALSE
0,022	0,278	0,001	0,012	0,021	FALSE
0,080	0,289	0,006	0,013	0,174	FALSE
-0,005	0,287	0,002	0,013	0,056	FALSE
-0,037	0,292	-0,002	0,013	0,060	FALSE
-0,009	0,294	0,000	0,014	0,002	FALSE
0,001	0,283	0,001	0,008	0,047	FALSE
-0,040	0,290	0,000	0,008	0,011	FALSE
-0,070	0,286	-0,002	0,012	0,066	FALSE
0,071	0,278	0,003	0,012	0,105	FALSE
-0,053	0,276	-0,001	0,014	0,031	FALSE
0,125	0,290	0,003	0,010	0,131	FALSE
0,023	0,291	0,001	0,008	0,066	FALSE
-0,012	0,277	0,000	0,012	0,010	FALSE
0,047	0,273	0,002	0,011	0,071	FALSE
0,033	0,294	0,002	0,011	0,063	FALSE
-0,209	0,276	-0,007	0,011	0,287	FALSE
-0,088	0,290	-0,004	0,014	0,099	FALSE
0,110	0,282	0,007	0,012	0,222	FALSE
0,049	0,280	0,001	0,014	0,027	FALSE
0,101	0,289	0,003	0,012	0,082	FALSE
0,125	0,278	0,002	0,011	0,066	FALSE
0,123	0,277	0,001	0,008	0,068	FALSE
0,279	0,271	0,011	0,015	0,352	FALSE
0,153	0,290	0,007	0,013	0,220	FALSE
-0,131	0,279	-0,004	0,009	0,154	FALSE
0,007	0,293	-0,001	0,009	0,048	FALSE
0,044	0,291	0,002	0,008	0,086	FALSE
0,005	0,279	0,000	0,009	0,000	FALSE
-0,170	0,305	-0,006	0,012	0,194	FALSE
-0,090	0,277	-0,006	0,014	0,170	FALSE
0,065	0,282	0,003	0,008	0,139	FALSE
-0,066	0,292	-0,005	0,014	0,134	FALSE
-0,098	0,280	-0,005	0,012	0,153	FALSE
-0,021	0,299	-0,002	0,015	0,039	FALSE
-0,039	0,280	-0,001	0,010	0,047	FALSE
-0,141	0,286	-0,003	0,008	0,156	FALSE
-0,024	0,282	0,000	0,013	0,000	FALSE
-0,062	0,299	-0,002	0,011	0,070	FALSE
0,036	0,287	0,004	0,014	0,121	FALSE
0,029	0,284	0,004	0,015	0,101	FALSE
-0,185	0,276	-0,006	0,010	0,272	FALSE
-0,065	0,292	0,000	0,008	0,019	FALSE
0,007	0,286	0,000	0,013	0,005	FALSE
-0,107	0,279	-0,004	0,012	0,124	FALSE
-0,057	0,285	-0,001	0,010	0,039	FALSE
0,105	0,287	0,003	0,014	0,086	FALSE
-0,090	0,287	-0,002	0,010	0,083	FALSE
-0,152	0,274	-0,004	0,010	0,179	FALSE
0,041	0,288	0,003	0,013	0,097	FALSE

-0,113	0,277	-0,003	0,013	0,098	FALSE
0,021	0,285	0,001	0,009	0,044	FALSE
-0,062	0,291	0,000	0,008	0,002	FALSE
-0,054	0,277	-0,001	0,010	0,033	FALSE
-0,034	0,275	0,000	0,010	0,018	FALSE
-0,076	0,277	-0,002	0,014	0,048	FALSE
0,116	0,280	0,001	0,015	0,016	FALSE
-0,035	0,292	-0,001	0,008	0,022	FALSE
-0,097	0,284	-0,002	0,014	0,040	FALSE
0,022	0,293	0,002	0,009	0,087	FALSE
0,064	0,286	0,002	0,015	0,062	FALSE
-0,140	0,285	-0,004	0,009	0,166	FALSE
-0,089	0,281	-0,002	0,015	0,054	FALSE
0,069	0,271	0,002	0,012	0,073	FALSE
-0,126	0,274	-0,008	0,013	0,301	FALSE
0,050	0,273	0,006	0,015	0,173	FALSE
-0,109	0,279	-0,005	0,009	0,248	FALSE
-0,024	0,300	-0,001	0,014	0,024	FALSE
0,121	0,291	0,005	0,015	0,141	FALSE
0,109	0,283	0,002	0,009	0,104	FALSE
0,113	0,292	0,006	0,015	0,168	FALSE
0,087	0,285	0,004	0,012	0,126	FALSE
0,000	0,276	0,000	0,009	0,006	FALSE
0,143	0,285	0,006	0,014	0,168	FALSE
-0,020	0,283	-0,001	0,009	0,050	FALSE
-0,124	0,297	-0,005	0,015	0,130	FALSE
0,052	0,287	0,004	0,012	0,128	FALSE
-0,114	0,294	-0,005	0,011	0,176	FALSE
-0,069	0,270	-0,003	0,013	0,089	FALSE
0,021	0,291	0,000	0,008	0,015	FALSE
-0,085	0,289	-0,001	0,008	0,050	FALSE
0,025	0,275	0,002	0,010	0,068	FALSE
-0,062	0,284	-0,002	0,011	0,059	FALSE
-0,231	0,278	-0,010	0,014	0,344	FALSE
-0,122	0,278	-0,003	0,009	0,120	FALSE
-0,080	0,293	-0,002	0,008	0,088	FALSE
0,122	0,280	0,005	0,014	0,134	FALSE
-0,024	0,290	0,000	0,010	0,009	FALSE
-0,081	0,280	-0,002	0,012	0,050	FALSE
0,080	0,285	0,005	0,014	0,154	FALSE
0,068	0,294	0,002	0,010	0,076	FALSE
0,032	0,274	0,000	0,007	0,005	FALSE
0,201	0,285	0,008	0,013	0,263	FALSE
-0,056	0,286	-0,002	0,013	0,062	FALSE
-0,055	0,291	-0,003	0,013	0,078	FALSE
0,054	0,293	0,004	0,012	0,123	FALSE
-0,022	0,287	-0,002	0,010	0,097	FALSE
0,050	0,276	0,002	0,010	0,082	FALSE
-0,006	0,288	0,001	0,009	0,057	FALSE
-0,036	0,292	0,001	0,007	0,035	FALSE
-0,108	0,272	-0,004	0,010	0,145	FALSE
-0,004	0,294	0,002	0,008	0,077	FALSE
-0,116	0,281	-0,004	0,010	0,155	FALSE

0,080	0,283	0,004	0,012	0,127	FALSE
0,000	0,279	0,001	0,009	0,025	FALSE
0,049	0,286	0,001	0,013	0,023	FALSE
-0,051	0,281	-0,004	0,010	0,166	FALSE
-0,041	0,281	-0,004	0,011	0,133	FALSE
-0,052	0,284	-0,004	0,010	0,158	FALSE
-0,217	0,278	-0,005	0,009	0,240	FALSE
0,110	0,293	0,003	0,008	0,179	FALSE
0,098	0,294	0,003	0,012	0,108	FALSE
-0,011	0,301	-0,001	0,015	0,026	FALSE
0,081	0,279	0,005	0,014	0,138	FALSE
0,016	0,279	0,001	0,011	0,044	FALSE
0,076	0,282	0,004	0,015	0,097	FALSE
0,052	0,279	0,004	0,013	0,104	FALSE
0,086	0,277	0,003	0,009	0,117	FALSE
0,055	0,296	0,002	0,010	0,057	FALSE
0,064	0,277	0,001	0,007	0,036	FALSE
-0,030	0,282	0,000	0,007	0,023	FALSE
-0,055	0,295	-0,003	0,012	0,098	FALSE
-0,077	0,286	-0,006	0,013	0,202	FALSE
0,112	0,278	0,007	0,012	0,238	FALSE
0,192	0,285	0,010	0,013	0,352	FALSE
-0,104	0,296	-0,004	0,010	0,189	FALSE
0,012	0,297	0,001	0,009	0,026	FALSE
-0,103	0,283	-0,004	0,009	0,202	FALSE
-0,162	0,274	-0,008	0,014	0,242	FALSE
-0,082	0,285	-0,004	0,008	0,177	FALSE
-0,077	0,290	-0,002	0,009	0,083	FALSE
-0,126	0,278	-0,007	0,015	0,194	FALSE
-0,022	0,291	-0,001	0,008	0,030	FALSE
0,100	0,294	0,004	0,014	0,101	FALSE
0,120	0,282	0,006	0,014	0,164	FALSE
0,098	0,280	0,004	0,014	0,122	FALSE
0,071	0,290	0,002	0,012	0,070	FALSE
-0,082	0,295	-0,003	0,013	0,101	FALSE
-0,051	0,279	-0,002	0,012	0,062	FALSE
-0,086	0,293	-0,004	0,013	0,108	FALSE
0,066	0,291	0,005	0,014	0,142	FALSE
0,053	0,286	0,003	0,015	0,063	FALSE
-0,009	0,289	0,000	0,015	0,007	FALSE
-0,049	0,274	-0,003	0,009	0,131	FALSE
0,021	0,292	0,001	0,014	0,016	FALSE
-0,089	0,286	-0,004	0,012	0,123	FALSE
-0,004	0,277	-0,002	0,011	0,065	FALSE
-0,014	0,285	0,000	0,012	0,001	FALSE
-0,035	0,278	-0,001	0,008	0,032	FALSE
0,068	0,288	0,004	0,014	0,095	FALSE
-0,110	0,289	-0,002	0,008	0,110	FALSE
-0,032	0,286	-0,003	0,015	0,068	FALSE
-0,106	0,267	-0,004	0,014	0,129	FALSE
-0,059	0,275	-0,003	0,015	0,074	FALSE
0,099	0,286	0,005	0,014	0,150	FALSE
-0,062	0,287	-0,002	0,013	0,058	FALSE

-0,033	0,301	-0,001	0,007	0,059	FALSE
-0,018	0,296	-0,001	0,009	0,037	FALSE
-0,122	0,288	-0,003	0,010	0,108	FALSE
0,037	0,298	0,000	0,010	0,001	FALSE
-0,114	0,291	-0,003	0,007	0,187	FALSE
0,164	0,271	0,008	0,013	0,246	FALSE
-0,099	0,286	-0,005	0,013	0,157	FALSE
0,053	0,292	-0,001	0,011	0,028	FALSE
-0,071	0,284	-0,001	0,014	0,018	FALSE
-0,155	0,299	-0,004	0,009	0,162	FALSE
0,001	0,282	0,000	0,008	0,017	FALSE
0,175	0,283	0,003	0,010	0,129	FALSE
-0,011	0,287	0,000	0,014	0,003	FALSE
0,039	0,282	0,000	0,008	0,008	FALSE
-0,104	0,284	-0,004	0,011	0,156	FALSE
-0,061	0,280	-0,003	0,010	0,125	FALSE
-0,177	0,274	-0,007	0,011	0,292	FALSE
-0,046	0,287	-0,002	0,013	0,071	FALSE
0,072	0,304	0,005	0,015	0,119	FALSE
0,049	0,291	0,004	0,014	0,112	FALSE
0,041	0,290	0,004	0,014	0,114	FALSE
0,084	0,288	0,002	0,014	0,055	FALSE
-0,109	0,287	-0,002	0,009	0,096	FALSE
0,031	0,295	0,001	0,010	0,030	FALSE
-0,025	0,283	-0,001	0,007	0,060	FALSE
-0,008	0,288	-0,001	0,010	0,045	FALSE
0,219	0,283	0,008	0,011	0,331	FALSE
-0,048	0,288	0,000	0,014	0,001	FALSE
-0,108	0,295	-0,003	0,012	0,106	FALSE
-0,079	0,280	-0,002	0,008	0,095	FALSE
-0,152	0,284	-0,010	0,015	0,294	FALSE
0,076	0,267	0,002	0,011	0,068	FALSE
0,044	0,278	0,001	0,009	0,029	FALSE
0,091	0,297	0,003	0,010	0,131	FALSE
-0,123	0,287	-0,005	0,014	0,157	FALSE
-0,136	0,293	-0,005	0,014	0,162	FALSE
0,104	0,289	0,004	0,009	0,180	FALSE
0,192	0,277	0,005	0,014	0,145	FALSE
0,175	0,268	0,004	0,012	0,134	FALSE
0,195	0,262	0,005	0,013	0,143	FALSE
0,025	0,294	0,001	0,009	0,049	FALSE
-0,113	0,277	-0,004	0,014	0,109	FALSE
0,208	0,293	0,008	0,015	0,233	FALSE
0,023	0,291	0,002	0,012	0,053	FALSE
0,183	0,280	0,008	0,016	0,222	FALSE
0,234	0,278	0,011	0,014	0,360	FALSE
0,074	0,292	0,004	0,014	0,103	FALSE
-0,009	0,286	-0,001	0,012	0,041	FALSE
-0,021	0,276	-0,001	0,008	0,035	FALSE
-0,007	0,281	-0,001	0,013	0,038	FALSE
-0,041	0,299	-0,002	0,015	0,056	FALSE
0,014	0,286	0,001	0,010	0,019	FALSE
-0,133	0,280	-0,004	0,012	0,127	FALSE

-0,039	0,286	-0,003	0,014	0,080	FALSE
0,039	0,288	0,003	0,014	0,085	FALSE
0,156	0,296	0,005	0,011	0,190	FALSE
0,145	0,288	0,006	0,011	0,224	FALSE
-0,021	0,291	0,000	0,008	0,013	FALSE
0,177	0,287	0,006	0,011	0,241	FALSE
0,194	0,278	0,010	0,013	0,356	FALSE
0,103	0,280	0,006	0,014	0,168	FALSE
0,001	0,278	0,003	0,013	0,069	FALSE
0,078	0,281	0,004	0,011	0,154	FALSE
-0,153	0,286	-0,003	0,010	0,113	FALSE
0,041	0,284	0,002	0,014	0,042	FALSE
0,047	0,304	0,001	0,015	0,028	FALSE
0,121	0,293	0,004	0,014	0,107	FALSE
0,030	0,293	0,001	0,015	0,026	FALSE
-0,029	0,282	-0,001	0,015	0,030	FALSE
0,085	0,287	0,002	0,010	0,061	FALSE
-0,016	0,294	-0,001	0,013	0,028	FALSE
-0,135	0,290	-0,003	0,007	0,178	FALSE
-0,088	0,280	-0,004	0,013	0,124	FALSE
-0,023	0,290	0,002	0,010	0,065	FALSE
-0,014	0,276	0,005	0,015	0,140	FALSE
-0,063	0,274	0,001	0,012	0,040	FALSE
0,029	0,310	0,002	0,011	0,070	FALSE
-0,082	0,282	-0,002	0,007	0,092	FALSE
-0,050	0,270	-0,002	0,009	0,065	FALSE
-0,042	0,277	-0,002	0,007	0,102	FALSE
0,129	0,277	0,003	0,008	0,170	FALSE
-0,015	0,298	0,002	0,013	0,065	FALSE
-0,132	0,278	-0,004	0,012	0,115	FALSE
0,044	0,268	0,004	0,014	0,107	FALSE
0,120	0,289	0,003	0,009	0,127	FALSE
-0,130	0,285	-0,004	0,009	0,209	FALSE
0,012	0,282	0,000	0,007	0,016	FALSE
0,037	0,299	0,000	0,008	0,001	FALSE
-0,077	0,283	-0,003	0,010	0,097	FALSE
0,081	0,288	0,001	0,008	0,071	FALSE
-0,042	0,285	-0,002	0,011	0,080	FALSE
-0,092	0,282	-0,002	0,011	0,073	FALSE
0,136	0,292	0,004	0,010	0,164	FALSE
-0,121	0,285	-0,003	0,010	0,116	FALSE
0,122	0,290	0,005	0,015	0,118	FALSE
0,036	0,280	0,001	0,011	0,021	FALSE
-0,027	0,279	-0,002	0,011	0,054	FALSE
0,076	0,288	0,005	0,012	0,159	FALSE
-0,157	0,275	-0,010	0,013	0,327	FALSE
-0,063	0,286	0,000	0,010	0,013	FALSE
-0,084	0,291	-0,006	0,014	0,156	FALSE
-0,168	0,278	-0,009	0,013	0,321	FALSE
0,037	0,280	0,000	0,009	0,012	FALSE
0,061	0,287	0,000	0,013	0,008	FALSE
-0,052	0,285	-0,003	0,009	0,124	FALSE
-0,182	0,284	-0,004	0,012	0,151	FALSE

-0,109	0,287	-0,004	0,012	0,124	FALSE
0,038	0,280	0,000	0,015	0,003	FALSE
-0,066	0,283	-0,002	0,012	0,067	FALSE
-0,016	0,283	0,002	0,013	0,059	FALSE
-0,125	0,285	-0,004	0,009	0,207	FALSE
-0,155	0,285	-0,003	0,010	0,112	FALSE
0,026	0,284	0,001	0,007	0,072	FALSE
0,033	0,290	0,001	0,010	0,022	FALSE
0,166	0,270	0,004	0,010	0,168	FALSE
0,056	0,282	0,000	0,007	0,018	FALSE
-0,047	0,285	-0,001	0,008	0,028	FALSE
0,015	0,283	0,000	0,013	0,009	FALSE
0,036	0,292	0,003	0,014	0,086	FALSE
-0,022	0,290	0,000	0,014	0,006	FALSE
-0,066	0,281	-0,002	0,010	0,073	FALSE
-0,093	0,276	-0,003	0,007	0,151	FALSE
-0,152	0,302	-0,006	0,015	0,145	FALSE
-0,077	0,289	-0,004	0,011	0,135	FALSE
0,001	0,280	0,000	0,010	0,002	FALSE
-0,113	0,283	-0,003	0,012	0,089	FALSE
0,056	0,296	0,000	0,010	0,017	FALSE
0,010	0,285	0,000	0,014	0,001	FALSE
0,051	0,300	0,002	0,015	0,041	FALSE
-0,083	0,287	0,000	0,008	0,017	FALSE
-0,049	0,285	-0,002	0,014	0,050	FALSE
-0,054	0,286	-0,004	0,015	0,109	FALSE
-0,133	0,282	-0,002	0,012	0,071	FALSE
-0,053	0,273	-0,004	0,014	0,125	FALSE
-0,006	0,291	-0,001	0,008	0,046	FALSE
0,020	0,292	0,001	0,009	0,059	FALSE
0,019	0,288	0,001	0,010	0,024	FALSE
-0,131	0,277	-0,005	0,008	0,272	FALSE
-0,165	0,281	-0,005	0,015	0,149	FALSE
0,070	0,279	0,002	0,014	0,051	FALSE
0,150	0,292	0,005	0,014	0,150	FALSE
0,135	0,275	0,009	0,014	0,289	FALSE
0,110	0,296	0,004	0,009	0,171	FALSE
-0,065	0,268	-0,003	0,014	0,094	FALSE
0,017	0,272	0,002	0,014	0,042	FALSE
-0,096	0,295	-0,002	0,009	0,090	FALSE
0,061	0,275	0,001	0,010	0,024	FALSE
0,153	0,284	0,008	0,015	0,239	FALSE
0,070	0,281	0,005	0,009	0,213	FALSE
0,144	0,285	0,005	0,009	0,225	FALSE
-0,092	0,270	-0,005	0,014	0,139	FALSE
0,034	0,291	0,002	0,012	0,071	FALSE
0,042	0,275	0,000	0,009	0,010	FALSE
0,042	0,267	0,000	0,009	0,003	FALSE
0,039	0,282	0,000	0,009	0,001	FALSE
-0,158	0,278	-0,005	0,009	0,232	FALSE
0,110	0,286	0,005	0,013	0,171	FALSE
0,013	0,261	-0,001	0,013	0,015	FALSE
-0,048	0,296	0,000	0,010	0,007	FALSE

0,086	0,279	0,003	0,013	0,089	FALSE
-0,075	0,265	-0,003	0,013	0,100	FALSE
0,072	0,277	0,001	0,009	0,040	FALSE
0,071	0,288	0,002	0,010	0,064	FALSE
0,009	0,286	0,001	0,010	0,019	FALSE
-0,044	0,280	-0,004	0,013	0,109	FALSE
-0,080	0,303	-0,005	0,015	0,144	FALSE
0,089	0,274	0,003	0,011	0,106	FALSE
0,011	0,293	0,002	0,010	0,061	FALSE
0,192	0,278	0,004	0,008	0,225	FALSE
0,019	0,285	-0,001	0,010	0,019	FALSE
0,013	0,289	0,002	0,015	0,043	FALSE
0,025	0,291	0,001	0,013	0,034	FALSE
0,028	0,288	-0,001	0,008	0,059	FALSE
0,006	0,293	0,000	0,008	0,009	FALSE
-0,012	0,288	-0,001	0,008	0,042	FALSE
0,110	0,294	0,002	0,007	0,131	FALSE
-0,039	0,288	0,001	0,010	0,020	FALSE
-0,152	0,285	-0,006	0,014	0,179	FALSE
-0,034	0,292	-0,001	0,008	0,021	FALSE
0,092	0,288	0,003	0,010	0,130	FALSE
0,164	0,272	0,005	0,010	0,212	FALSE
-0,019	0,284	0,000	0,009	0,014	FALSE
-0,236	0,283	-0,006	0,009	0,308	FALSE
-0,105	0,281	-0,002	0,008	0,122	FALSE
-0,083	0,281	-0,003	0,011	0,092	FALSE
-0,012	0,280	-0,003	0,011	0,119	FALSE
-0,012	0,282	0,001	0,012	0,042	FALSE
0,042	0,281	0,002	0,011	0,082	FALSE
0,025	0,300	0,001	0,015	0,037	FALSE
-0,008	0,295	0,000	0,014	0,003	FALSE
0,047	0,275	0,001	0,009	0,044	FALSE
0,040	0,291	0,001	0,009	0,042	FALSE
-0,092	0,273	-0,003	0,007	0,203	FALSE
0,012	0,290	0,001	0,011	0,048	FALSE
-0,038	0,296	-0,003	0,012	0,081	FALSE
-0,041	0,279	-0,001	0,007	0,032	FALSE
-0,052	0,281	-0,002	0,015	0,037	FALSE
-0,174	0,280	-0,009	0,014	0,290	FALSE
-0,089	0,277	-0,003	0,011	0,090	FALSE
-0,023	0,291	-0,003	0,012	0,093	FALSE
0,002	0,290	0,002	0,015	0,039	FALSE
-0,003	0,284	0,001	0,013	0,036	FALSE
-0,040	0,294	-0,003	0,014	0,066	FALSE
0,037	0,295	0,001	0,011	0,016	FALSE
0,036	0,287	0,001	0,008	0,060	FALSE
-0,082	0,273	-0,002	0,008	0,072	FALSE
-0,018	0,292	0,001	0,014	0,025	FALSE
-0,148	0,280	-0,006	0,008	0,296	FALSE
0,007	0,295	0,002	0,010	0,063	FALSE
-0,178	0,268	-0,005	0,010	0,213	FALSE
0,115	0,284	0,004	0,012	0,125	FALSE
-0,104	0,293	-0,006	0,013	0,175	FALSE

0,090	0,287	0,001	0,008	0,046	FALSE
-0,057	0,302	-0,002	0,015	0,046	FALSE
0,003	0,302	0,002	0,014	0,058	FALSE
0,032	0,269	0,002	0,010	0,076	FALSE
0,035	0,290	0,003	0,011	0,101	FALSE
-0,121	0,274	-0,003	0,013	0,088	FALSE
-0,027	0,290	-0,001	0,011	0,046	FALSE
-0,077	0,279	-0,002	0,010	0,077	FALSE
-0,091	0,287	-0,003	0,011	0,106	FALSE
-0,041	0,289	0,000	0,008	0,009	FALSE
0,159	0,275	0,008	0,014	0,245	FALSE
0,054	0,278	0,002	0,009	0,105	FALSE
0,142	0,274	0,006	0,015	0,154	FALSE
-0,128	0,286	-0,003	0,009	0,143	FALSE
0,234	0,284	0,007	0,012	0,276	FALSE
-0,088	0,299	-0,003	0,015	0,078	FALSE
0,080	0,285	0,002	0,009	0,084	FALSE
0,062	0,292	0,001	0,010	0,042	FALSE
-0,034	0,284	0,001	0,014	0,027	FALSE
0,028	0,294	0,001	0,009	0,027	FALSE
0,073	0,290	0,002	0,009	0,061	FALSE
0,219	0,283	0,005	0,009	0,215	FALSE
0,128	0,292	0,004	0,012	0,115	FALSE
-0,029	0,292	0,001	0,013	0,026	FALSE
0,085	0,293	0,003	0,010	0,140	FALSE
0,113	0,277	0,006	0,015	0,160	FALSE
0,140	0,292	0,003	0,008	0,153	FALSE
-0,060	0,284	-0,002	0,009	0,069	FALSE
-0,217	0,294	-0,007	0,009	0,344	FALSE
0,016	0,288	-0,001	0,011	0,033	FALSE
0,138	0,289	0,004	0,009	0,202	FALSE
-0,005	0,291	0,001	0,008	0,024	FALSE
0,024	0,287	-0,001	0,008	0,024	FALSE
-0,030	0,276	-0,001	0,008	0,032	FALSE
-0,001	0,277	0,002	0,014	0,058	FALSE
0,066	0,299	0,005	0,015	0,120	FALSE
0,015	0,291	0,000	0,009	0,018	FALSE
0,035	0,282	0,001	0,012	0,038	FALSE
0,011	0,299	0,001	0,013	0,015	FALSE
0,074	0,285	0,003	0,012	0,092	FALSE
0,052	0,293	0,002	0,008	0,114	FALSE
-0,061	0,277	-0,002	0,008	0,118	FALSE
0,006	0,278	0,000	0,014	0,008	FALSE
0,019	0,281	0,000	0,013	0,005	FALSE
-0,012	0,289	-0,003	0,014	0,066	FALSE
-0,001	0,292	-0,001	0,010	0,027	FALSE
0,026	0,297	0,003	0,012	0,076	FALSE
0,046	0,293	0,003	0,012	0,093	FALSE
0,052	0,279	0,004	0,012	0,123	FALSE
-0,068	0,279	-0,003	0,014	0,093	FALSE
-0,133	0,273	-0,006	0,009	0,276	FALSE
-0,102	0,296	-0,002	0,008	0,094	FALSE
-0,073	0,279	-0,003	0,010	0,093	FALSE

0,011	0,290	0,002	0,011	0,052	FALSE
0,054	0,265	0,003	0,010	0,115	FALSE
0,087	0,294	0,004	0,011	0,146	FALSE
0,002	0,286	-0,003	0,011	0,100	FALSE
-0,068	0,274	-0,002	0,010	0,090	FALSE
0,040	0,285	0,003	0,011	0,097	FALSE
-0,234	0,284	-0,006	0,008	0,333	FALSE
0,154	0,269	0,005	0,015	0,124	FALSE
0,166	0,280	0,004	0,011	0,133	FALSE
0,109	0,285	0,001	0,015	0,033	FALSE
0,078	0,282	0,002	0,014	0,061	FALSE
-0,090	0,283	-0,005	0,013	0,140	FALSE
0,052	0,285	0,002	0,013	0,057	FALSE
0,204	0,284	0,009	0,012	0,375	FALSE
0,113	0,278	0,004	0,015	0,097	FALSE
0,003	0,290	-0,002	0,012	0,064	FALSE
-0,012	0,289	0,000	0,009	0,006	FALSE
0,098	0,291	0,003	0,010	0,141	FALSE
-0,083	0,277	-0,004	0,010	0,169	FALSE
-0,006	0,291	0,000	0,010	0,011	FALSE
0,056	0,272	0,002	0,014	0,047	FALSE
0,058	0,285	0,001	0,008	0,031	FALSE
-0,251	0,262	-0,009	0,009	0,441	FALSE
-0,194	0,282	-0,008	0,015	0,222	FALSE
-0,029	0,287	0,000	0,008	0,018	FALSE
-0,034	0,283	0,000	0,009	0,013	FALSE
0,022	0,284	0,002	0,012	0,076	FALSE
-0,029	0,284	0,000	0,011	0,004	FALSE
-0,168	0,276	-0,008	0,013	0,263	FALSE
-0,236	0,283	-0,007	0,009	0,397	FALSE
-0,044	0,279	-0,001	0,008	0,072	FALSE
-0,048	0,290	-0,001	0,014	0,037	FALSE
-0,076	0,297	-0,002	0,013	0,066	FALSE
0,054	0,280	0,003	0,010	0,095	FALSE
-0,005	0,300	0,001	0,012	0,026	FALSE
0,013	0,284	0,000	0,013	0,003	FALSE
-0,065	0,288	-0,004	0,014	0,094	FALSE
-0,033	0,277	0,000	0,008	0,005	FALSE
0,068	0,286	0,005	0,013	0,137	FALSE
-0,158	0,282	-0,008	0,013	0,288	FALSE
0,067	0,298	0,003	0,010	0,103	FALSE
0,073	0,288	0,003	0,013	0,085	FALSE
-0,023	0,282	0,000	0,007	0,018	FALSE
-0,100	0,296	-0,002	0,010	0,082	FALSE
-0,017	0,290	0,000	0,009	0,010	FALSE
0,008	0,281	-0,002	0,013	0,046	FALSE
-0,018	0,291	-0,003	0,012	0,104	FALSE
0,104	0,289	0,004	0,013	0,110	FALSE
0,035	0,278	0,001	0,009	0,039	FALSE
-0,057	0,275	-0,001	0,008	0,027	FALSE
0,156	0,286	0,006	0,012	0,228	FALSE
-0,251	0,267	-0,007	0,008	0,392	FALSE
0,208	0,288	0,005	0,010	0,242	FALSE

0,044	0,269	0,001	0,011	0,047	FALSE
0,044	0,275	0,002	0,011	0,062	FALSE
-0,117	0,284	-0,003	0,011	0,101	FALSE
0,066	0,285	0,001	0,010	0,034	FALSE
-0,189	0,279	-0,005	0,011	0,166	FALSE
-0,051	0,288	-0,002	0,011	0,071	FALSE
-0,038	0,281	-0,004	0,013	0,105	FALSE
-0,107	0,283	-0,002	0,014	0,059	FALSE
-0,039	0,281	-0,003	0,008	0,132	FALSE
0,004	0,281	0,001	0,009	0,056	FALSE
0,080	0,287	0,001	0,010	0,038	FALSE
-0,044	0,289	0,000	0,013	0,010	FALSE
-0,080	0,264	0,000	0,014	0,008	FALSE
-0,010	0,276	0,000	0,008	0,023	FALSE
-0,054	0,286	0,000	0,013	0,008	FALSE
0,156	0,286	0,003	0,009	0,130	FALSE
-0,060	0,269	0,000	0,009	0,004	FALSE
-0,007	0,283	0,001	0,010	0,022	FALSE
-0,047	0,294	-0,002	0,008	0,084	FALSE
0,049	0,287	0,003	0,008	0,137	FALSE
0,131	0,278	0,003	0,011	0,121	FALSE
-0,127	0,267	-0,006	0,010	0,265	FALSE
-0,101	0,279	-0,001	0,008	0,069	FALSE
-0,161	0,273	-0,007	0,014	0,223	FALSE
-0,052	0,278	-0,001	0,009	0,038	FALSE
0,018	0,299	0,002	0,012	0,061	FALSE
0,016	0,291	0,002	0,011	0,074	FALSE
0,135	0,286	0,005	0,015	0,128	FALSE
0,129	0,282	0,003	0,008	0,178	FALSE
-0,102	0,287	-0,004	0,011	0,147	FALSE
0,109	0,270	0,003	0,007	0,156	FALSE
-0,198	0,285	-0,008	0,014	0,257	FALSE
-0,171	0,284	-0,005	0,009	0,231	FALSE
0,028	0,283	-0,001	0,010	0,024	FALSE
-0,009	0,286	-0,002	0,008	0,074	FALSE
0,082	0,302	0,004	0,014	0,115	FALSE
-0,032	0,280	-0,003	0,014	0,084	FALSE
0,023	0,282	0,000	0,010	0,004	FALSE
-0,016	0,287	-0,001	0,009	0,053	FALSE
-0,076	0,282	-0,002	0,015	0,058	FALSE
0,059	0,285	0,003	0,008	0,122	FALSE
-0,008	0,286	0,000	0,010	0,004	FALSE
-0,005	0,290	0,001	0,011	0,020	FALSE
-0,074	0,287	-0,002	0,013	0,042	FALSE
-0,129	0,274	-0,004	0,013	0,132	FALSE
0,079	0,278	0,003	0,011	0,100	FALSE
0,133	0,291	0,004	0,013	0,123	FALSE
0,123	0,291	0,003	0,013	0,106	FALSE
-0,038	0,283	0,000	0,010	0,014	FALSE
-0,126	0,299	-0,003	0,009	0,157	FALSE
-0,084	0,290	-0,003	0,011	0,110	FALSE
-0,112	0,288	-0,004	0,014	0,110	FALSE
-0,006	0,277	0,001	0,012	0,030	FALSE

0,121	0,266	0,002	0,007	0,132	FALSE
-0,172	0,289	-0,008	0,015	0,212	FALSE
-0,170	0,283	-0,007	0,015	0,209	FALSE
-0,165	0,287	-0,007	0,015	0,214	FALSE
0,002	0,275	0,001	0,009	0,029	FALSE
-0,127	0,277	-0,004	0,007	0,206	FALSE
0,054	0,288	0,004	0,015	0,090	FALSE
-0,037	0,296	-0,001	0,009	0,042	FALSE
0,119	0,294	0,002	0,009	0,085	FALSE
0,089	0,286	0,001	0,010	0,051	FALSE
0,005	0,281	0,000	0,008	0,004	FALSE
-0,060	0,266	0,002	0,012	0,069	FALSE
-0,065	0,277	-0,004	0,015	0,107	FALSE
-0,141	0,285	-0,002	0,012	0,062	FALSE
0,022	0,286	0,000	0,007	0,018	FALSE
-0,189	0,279	-0,004	0,007	0,234	FALSE
0,018	0,302	0,003	0,015	0,067	FALSE
-0,027	0,281	-0,003	0,012	0,086	FALSE
0,047	0,274	0,001	0,015	0,027	FALSE
0,071	0,281	0,003	0,013	0,097	FALSE
0,030	0,298	0,000	0,009	0,012	FALSE
0,081	0,293	0,003	0,010	0,120	FALSE
0,082	0,275	0,003	0,010	0,115	FALSE
-0,066	0,274	-0,002	0,014	0,056	FALSE
-0,138	0,293	-0,002	0,008	0,120	FALSE
0,058	0,296	0,002	0,013	0,048	FALSE
0,062	0,283	0,003	0,014	0,083	FALSE
-0,064	0,282	-0,004	0,012	0,128	FALSE
-0,058	0,268	-0,004	0,011	0,129	FALSE
-0,054	0,289	-0,003	0,008	0,171	FALSE
-0,001	0,283	-0,001	0,008	0,023	FALSE
0,092	0,300	0,006	0,013	0,190	FALSE
0,031	0,278	0,004	0,013	0,108	FALSE
0,083	0,295	0,002	0,014	0,051	FALSE
-0,006	0,274	0,001	0,011	0,048	FALSE
-0,016	0,282	0,001	0,011	0,022	FALSE
0,004	0,279	0,001	0,013	0,041	FALSE
0,017	0,293	0,002	0,014	0,051	FALSE
0,118	0,279	0,004	0,011	0,153	FALSE
-0,022	0,294	0,001	0,012	0,024	FALSE
0,110	0,287	0,003	0,008	0,167	FALSE
-0,155	0,284	-0,009	0,015	0,263	TRUE
-0,022	0,292	0,001	0,015	0,033	FALSE
-0,158	0,282	-0,005	0,007	0,298	FALSE
-0,187	0,278	-0,009	0,014	0,299	FALSE
-0,040	0,289	-0,002	0,015	0,051	FALSE
-0,129	0,284	-0,008	0,014	0,227	FALSE
0,185	0,283	0,008	0,014	0,256	FALSE
-0,051	0,285	-0,003	0,010	0,091	FALSE
0,028	0,298	0,000	0,009	0,010	FALSE
0,021	0,289	0,000	0,008	0,007	FALSE
0,035	0,290	0,000	0,008	0,022	FALSE
-0,016	0,296	0,001	0,015	0,017	FALSE

-0,220	0,280	-0,007	0,011	0,286	FALSE
-0,066	0,284	-0,002	0,011	0,064	FALSE
-0,044	0,291	0,000	0,009	0,004	FALSE
-0,023	0,289	0,000	0,008	0,006	FALSE
-0,001	0,289	-0,001	0,009	0,034	FALSE
0,060	0,292	0,003	0,013	0,078	FALSE
-0,020	0,290	0,001	0,014	0,023	FALSE
0,017	0,288	0,000	0,013	0,002	FALSE
-0,068	0,281	-0,001	0,008	0,032	FALSE
-0,098	0,287	-0,003	0,011	0,095	FALSE
0,071	0,283	0,001	0,008	0,074	FALSE
-0,194	0,283	-0,006	0,011	0,245	FALSE
-0,009	0,288	0,001	0,008	0,030	FALSE
-0,016	0,283	-0,001	0,010	0,018	FALSE
-0,058	0,288	-0,001	0,009	0,044	FALSE
0,009	0,282	0,000	0,013	0,004	FALSE
0,056	0,268	0,002	0,014	0,060	FALSE
0,148	0,283	0,006	0,013	0,170	FALSE
-0,163	0,273	-0,004	0,007	0,207	FALSE
0,059	0,299	0,003	0,015	0,084	FALSE
-0,018	0,282	-0,001	0,014	0,036	FALSE
0,026	0,294	0,002	0,011	0,082	FALSE
0,056	0,282	0,003	0,013	0,088	FALSE
-0,101	0,281	-0,002	0,015	0,050	FALSE
-0,080	0,276	-0,003	0,007	0,198	FALSE
0,067	0,283	0,004	0,013	0,116	FALSE
-0,143	0,289	-0,005	0,012	0,184	FALSE
0,099	0,298	0,003	0,013	0,094	FALSE
0,215	0,296	0,006	0,008	0,332	FALSE
0,000	0,290	-0,001	0,008	0,051	FALSE
0,034	0,301	0,000	0,012	0,002	FALSE
0,112	0,289	0,002	0,009	0,088	FALSE
-0,039	0,298	-0,004	0,012	0,133	FALSE
0,035	0,284	0,003	0,013	0,100	FALSE
-0,151	0,284	-0,003	0,007	0,154	FALSE
-0,046	0,278	-0,001	0,007	0,032	FALSE
-0,164	0,283	-0,004	0,011	0,130	FALSE
-0,011	0,270	-0,001	0,008	0,044	FALSE
0,050	0,292	0,002	0,014	0,054	FALSE
0,040	0,296	0,002	0,013	0,050	FALSE
0,152	0,293	0,005	0,014	0,152	FALSE
-0,017	0,293	-0,002	0,014	0,063	FALSE
-0,170	0,285	-0,008	0,014	0,224	FALSE
-0,010	0,284	-0,001	0,014	0,018	FALSE
0,049	0,283	0,003	0,014	0,067	FALSE
-0,013	0,282	0,000	0,008	0,021	FALSE
0,192	0,278	0,005	0,011	0,197	FALSE
-0,044	0,288	-0,002	0,012	0,068	FALSE
0,018	0,277	0,001	0,007	0,042	FALSE
0,011	0,281	0,000	0,015	0,001	FALSE
0,007	0,301	0,000	0,016	0,000	FALSE
-0,011	0,301	0,001	0,015	0,014	FALSE
0,020	0,286	0,000	0,008	0,004	FALSE

0,106	0,306	0,002	0,009	0,108	FALSE
0,079	0,278	0,001	0,009	0,055	FALSE
-0,149	0,282	-0,008	0,015	0,216	FALSE
-0,074	0,274	-0,003	0,010	0,119	FALSE
0,021	0,289	0,001	0,009	0,033	FALSE
0,036	0,283	0,001	0,009	0,059	FALSE
-0,139	0,289	-0,003	0,008	0,150	FALSE
0,047	0,299	0,003	0,011	0,088	FALSE
0,120	0,279	0,001	0,010	0,038	FALSE
0,009	0,282	0,001	0,009	0,024	FALSE
-0,024	0,300	-0,002	0,009	0,101	FALSE
-0,099	0,296	-0,003	0,011	0,088	FALSE
-0,022	0,277	0,000	0,010	0,003	FALSE
-0,132	0,284	-0,003	0,008	0,130	FALSE
0,093	0,278	0,003	0,009	0,153	FALSE
0,139	0,291	0,005	0,009	0,254	FALSE
0,059	0,289	0,002	0,010	0,066	FALSE
-0,015	0,279	0,000	0,015	0,000	FALSE
-0,006	0,284	0,001	0,011	0,017	FALSE
-0,003	0,283	0,002	0,012	0,065	FALSE
0,069	0,297	0,002	0,014	0,042	FALSE
0,002	0,274	-0,001	0,010	0,052	FALSE
-0,024	0,275	0,001	0,011	0,043	FALSE
0,028	0,286	0,004	0,014	0,109	FALSE
0,041	0,282	0,000	0,014	0,001	FALSE
-0,242	0,279	-0,006	0,007	0,363	FALSE
-0,074	0,277	-0,003	0,012	0,113	FALSE
-0,262	0,290	-0,006	0,008	0,342	FALSE
0,023	0,293	0,000	0,011	0,005	FALSE
-0,186	0,276	-0,005	0,009	0,215	FALSE
0,205	0,266	0,004	0,013	0,126	FALSE
-0,092	0,274	0,000	0,014	0,002	FALSE
-0,077	0,281	-0,001	0,013	0,015	FALSE
0,019	0,283	0,000	0,011	0,004	FALSE
0,051	0,288	0,000	0,015	0,011	FALSE
-0,214	0,267	-0,006	0,009	0,304	FALSE
-0,138	0,266	-0,004	0,015	0,092	FALSE
0,090	0,293	0,003	0,008	0,167	FALSE
0,082	0,275	0,003	0,009	0,118	FALSE
-0,115	0,294	-0,002	0,008	0,094	FALSE
-0,122	0,275	-0,002	0,009	0,101	FALSE
0,025	0,284	0,000	0,007	0,003	FALSE
-0,067	0,290	0,000	0,013	0,011	FALSE
-0,041	0,286	-0,001	0,008	0,057	FALSE
-0,043	0,264	-0,003	0,010	0,092	FALSE
0,060	0,275	0,002	0,010	0,073	FALSE
0,039	0,296	0,001	0,009	0,052	FALSE
0,158	0,284	0,004	0,010	0,161	FALSE
0,080	0,281	0,003	0,011	0,115	FALSE
0,097	0,285	0,005	0,011	0,187	FALSE
-0,123	0,286	-0,003	0,010	0,101	FALSE
-0,061	0,276	-0,001	0,012	0,044	FALSE
0,113	0,291	0,006	0,013	0,194	FALSE

0,052	0,275	0,002	0,010	0,082	FALSE
0,027	0,306	0,000	0,013	0,014	FALSE
0,022	0,299	0,001	0,012	0,047	FALSE
-0,136	0,283	-0,005	0,014	0,154	FALSE
-0,234	0,280	-0,007	0,009	0,368	FALSE
0,112	0,293	0,003	0,009	0,123	FALSE
-0,050	0,283	-0,002	0,010	0,088	FALSE
0,114	0,281	0,006	0,010	0,247	FALSE
-0,040	0,278	-0,003	0,008	0,159	FALSE
0,116	0,288	0,004	0,014	0,131	FALSE
-0,058	0,287	-0,002	0,008	0,071	FALSE
-0,030	0,284	-0,001	0,007	0,049	FALSE
-0,089	0,281	-0,006	0,013	0,168	FALSE
-0,077	0,287	-0,005	0,015	0,126	FALSE
0,031	0,293	0,002	0,014	0,047	FALSE
-0,024	0,286	-0,003	0,011	0,091	FALSE
-0,176	0,276	-0,005	0,010	0,218	FALSE
0,054	0,272	0,001	0,007	0,044	FALSE
0,149	0,284	0,005	0,008	0,262	FALSE
-0,145	0,279	-0,007	0,014	0,230	FALSE
-0,133	0,286	-0,007	0,014	0,200	FALSE
-0,086	0,291	-0,002	0,010	0,081	FALSE
-0,141	0,261	-0,003	0,008	0,138	FALSE
0,133	0,290	0,003	0,008	0,170	FALSE
-0,001	0,288	0,001	0,010	0,052	FALSE
0,044	0,297	0,001	0,009	0,027	FALSE
-0,038	0,291	-0,001	0,009	0,056	FALSE
-0,040	0,283	-0,002	0,012	0,062	FALSE
0,019	0,293	0,000	0,011	0,002	FALSE
-0,074	0,291	-0,003	0,009	0,145	FALSE
-0,109	0,298	-0,007	0,015	0,197	FALSE
-0,186	0,272	-0,007	0,013	0,230	FALSE
-0,160	0,270	-0,004	0,015	0,119	FALSE
-0,046	0,272	0,001	0,015	0,028	FALSE
-0,057	0,299	-0,003	0,015	0,075	FALSE
0,168	0,277	0,002	0,008	0,115	FALSE
0,094	0,259	0,002	0,009	0,072	FALSE
-0,160	0,270	-0,003	0,007	0,194	FALSE
-0,079	0,301	-0,004	0,009	0,158	FALSE
0,050	0,282	0,000	0,011	0,008	FALSE
0,120	0,296	0,004	0,009	0,181	FALSE
0,017	0,276	0,004	0,015	0,089	FALSE
0,015	0,286	0,002	0,012	0,071	FALSE
-0,041	0,290	-0,002	0,009	0,083	FALSE
0,001	0,281	-0,001	0,012	0,045	FALSE
-0,183	0,275	-0,004	0,009	0,186	FALSE
0,071	0,291	0,002	0,011	0,078	FALSE
0,038	0,298	0,001	0,010	0,026	FALSE
-0,123	0,276	-0,003	0,012	0,104	FALSE
0,037	0,286	-0,001	0,008	0,023	FALSE
0,251	0,286	0,010	0,015	0,307	FALSE
-0,123	0,296	-0,005	0,016	0,140	FALSE
-0,074	0,293	-0,002	0,012	0,050	FALSE

0,161	0,271	0,006	0,011	0,215	FALSE
-0,091	0,290	-0,002	0,014	0,062	FALSE
0,089	0,283	0,002	0,011	0,052	FALSE
0,071	0,289	0,004	0,013	0,133	FALSE
0,088	0,306	0,005	0,012	0,164	FALSE
-0,168	0,267	-0,008	0,013	0,276	FALSE
-0,043	0,291	-0,001	0,010	0,031	FALSE
0,019	0,303	0,002	0,012	0,044	FALSE
0,135	0,290	0,007	0,015	0,191	FALSE
0,004	0,276	0,000	0,013	0,008	FALSE
0,155	0,293	0,003	0,008	0,182	FALSE
-0,051	0,285	-0,002	0,010	0,076	FALSE
0,003	0,303	0,000	0,014	0,011	FALSE
0,129	0,297	0,003	0,007	0,176	FALSE
-0,009	0,294	0,001	0,008	0,050	FALSE
0,075	0,293	0,003	0,007	0,144	FALSE
0,195	0,278	0,006	0,012	0,203	FALSE
0,205	0,272	0,004	0,009	0,168	FALSE
-0,147	0,287	-0,006	0,010	0,251	FALSE
-0,117	0,298	-0,003	0,012	0,088	FALSE
-0,144	0,271	-0,004	0,012	0,143	FALSE
0,066	0,281	0,001	0,011	0,044	FALSE
0,006	0,271	-0,002	0,007	0,109	FALSE
-0,048	0,270	-0,004	0,013	0,129	FALSE
-0,051	0,290	-0,004	0,010	0,136	FALSE
-0,147	0,294	-0,005	0,009	0,267	FALSE
-0,053	0,292	-0,006	0,014	0,180	FALSE
0,034	0,290	0,003	0,015	0,082	FALSE
-0,130	0,276	-0,003	0,007	0,174	FALSE
-0,147	0,283	-0,003	0,007	0,192	FALSE
0,051	0,287	0,001	0,013	0,030	FALSE
-0,124	0,277	-0,004	0,013	0,118	FALSE
-0,028	0,291	0,000	0,013	0,004	FALSE
0,080	0,292	0,002	0,010	0,067	FALSE
0,057	0,283	0,001	0,009	0,058	FALSE
-0,022	0,285	-0,001	0,016	0,032	FALSE
0,114	0,288	0,004	0,009	0,190	FALSE
0,009	0,280	0,000	0,014	0,011	FALSE
-0,005	0,282	0,000	0,014	0,001	FALSE
-0,057	0,289	-0,002	0,010	0,072	FALSE
-0,016	0,288	0,000	0,008	0,000	FALSE
0,091	0,287	0,002	0,009	0,078	FALSE
-0,122	0,288	-0,005	0,010	0,188	FALSE
-0,013	0,272	-0,002	0,010	0,067	FALSE
-0,121	0,281	-0,004	0,009	0,158	FALSE
-0,018	0,295	-0,001	0,014	0,030	FALSE
-0,046	0,298	-0,003	0,014	0,082	FALSE
0,055	0,283	0,000	0,014	0,003	FALSE
-0,122	0,290	-0,006	0,014	0,174	FALSE
0,072	0,303	0,001	0,009	0,020	FALSE
0,016	0,293	0,001	0,014	0,026	FALSE
0,022	0,292	0,002	0,014	0,044	FALSE
0,047	0,282	0,000	0,010	0,016	FALSE

0,054	0,297	0,002	0,012	0,051	FALSE
0,171	0,274	0,004	0,008	0,216	FALSE
-0,059	0,282	-0,001	0,008	0,055	FALSE
0,000	0,292	0,001	0,014	0,036	FALSE
-0,104	0,282	-0,003	0,008	0,138	FALSE
-0,015	0,279	0,000	0,014	0,010	FALSE
-0,155	0,274	-0,005	0,010	0,216	FALSE
-0,068	0,278	-0,001	0,012	0,038	FALSE
-0,092	0,277	-0,002	0,012	0,075	FALSE
0,067	0,292	0,004	0,009	0,160	FALSE
-0,014	0,295	0,000	0,015	0,001	FALSE
-0,022	0,293	0,000	0,014	0,006	FALSE
0,078	0,270	0,000	0,013	0,002	FALSE
0,162	0,275	0,006	0,014	0,173	FALSE
0,103	0,288	0,005	0,015	0,138	FALSE
0,109	0,274	0,006	0,014	0,178	FALSE
0,114	0,277	0,005	0,014	0,160	FALSE
-0,212	0,286	-0,008	0,012	0,314	FALSE
-0,083	0,288	-0,001	0,011	0,047	FALSE
-0,059	0,291	-0,002	0,008	0,088	FALSE
-0,088	0,289	-0,001	0,013	0,017	FALSE
-0,098	0,291	-0,005	0,012	0,189	FALSE
-0,070	0,283	-0,003	0,010	0,123	FALSE
0,109	0,298	0,006	0,013	0,192	FALSE
0,020	0,297	0,000	0,010	0,006	FALSE
0,102	0,279	0,003	0,009	0,128	FALSE
-0,051	0,292	0,000	0,009	0,009	FALSE
0,036	0,276	0,000	0,010	0,002	FALSE
0,083	0,297	0,003	0,010	0,105	FALSE
-0,095	0,289	-0,002	0,009	0,086	FALSE
-0,097	0,294	-0,002	0,009	0,102	FALSE
-0,050	0,279	-0,004	0,010	0,157	FALSE
0,008	0,294	0,000	0,012	0,006	FALSE
0,107	0,301	0,002	0,009	0,093	FALSE
-0,065	0,293	-0,003	0,012	0,082	FALSE
0,062	0,294	0,003	0,008	0,176	FALSE
0,057	0,301	0,003	0,009	0,139	FALSE
0,027	0,300	0,002	0,014	0,053	FALSE
-0,054	0,293	-0,002	0,012	0,056	FALSE
0,189	0,291	0,004	0,010	0,147	FALSE
0,181	0,267	0,003	0,009	0,112	FALSE
0,177	0,260	0,002	0,008	0,109	FALSE
-0,112	0,266	-0,003	0,009	0,128	FALSE
0,256	0,256	0,009	0,012	0,338	FALSE
0,093	0,277	0,003	0,014	0,076	FALSE
-0,120	0,280	-0,005	0,012	0,180	FALSE
0,030	0,284	0,002	0,014	0,041	FALSE
-0,002	0,294	-0,001	0,008	0,025	FALSE
-0,051	0,288	-0,001	0,010	0,025	FALSE
0,030	0,275	0,002	0,012	0,055	FALSE
0,104	0,276	0,001	0,012	0,031	FALSE
0,028	0,286	0,001	0,012	0,020	FALSE
-0,050	0,289	-0,002	0,010	0,071	FALSE

-0,015	0,294	-0,003	0,014	0,089	FALSE
0,043	0,277	0,004	0,010	0,150	FALSE
-0,005	0,300	0,000	0,009	0,010	FALSE
-0,136	0,275	-0,004	0,011	0,147	FALSE
0,097	0,284	0,003	0,008	0,141	FALSE
-0,004	0,290	-0,002	0,009	0,073	FALSE
-0,066	0,302	-0,002	0,014	0,054	FALSE
0,031	0,303	0,000	0,011	0,005	FALSE
0,004	0,292	-0,001	0,013	0,020	FALSE
0,001	0,296	0,002	0,014	0,044	FALSE
-0,143	0,266	-0,004	0,013	0,129	FALSE
0,085	0,280	0,004	0,008	0,237	FALSE
0,151	0,280	0,002	0,009	0,101	FALSE
0,071	0,284	0,003	0,009	0,131	FALSE
-0,012	0,282	0,001	0,009	0,026	FALSE
-0,200	0,282	-0,005	0,008	0,261	FALSE
0,021	0,294	0,002	0,015	0,038	FALSE
-0,025	0,282	-0,001	0,013	0,020	FALSE
-0,032	0,293	-0,001	0,012	0,033	FALSE
-0,003	0,287	-0,002	0,013	0,047	FALSE
-0,033	0,282	0,002	0,014	0,062	FALSE
-0,012	0,282	0,001	0,010	0,030	FALSE
0,132	0,290	0,004	0,010	0,167	FALSE
-0,022	0,282	0,001	0,009	0,022	FALSE
-0,053	0,287	0,001	0,012	0,022	FALSE
0,124	0,289	0,003	0,014	0,070	FALSE
0,022	0,293	0,001	0,009	0,046	FALSE
0,196	0,283	0,006	0,011	0,225	FALSE
0,098	0,279	0,003	0,008	0,135	FALSE
-0,060	0,297	-0,002	0,008	0,092	FALSE
0,112	0,265	0,002	0,007	0,121	FALSE
-0,026	0,297	0,000	0,008	0,006	FALSE
0,072	0,296	0,001	0,013	0,035	FALSE
-0,010	0,290	-0,001	0,008	0,061	FALSE
-0,119	0,298	-0,003	0,008	0,166	FALSE
0,020	0,286	0,003	0,011	0,113	FALSE
0,009	0,290	0,003	0,011	0,101	FALSE
0,018	0,296	0,003	0,012	0,108	FALSE
-0,057	0,286	0,001	0,013	0,039	FALSE
0,007	0,287	0,003	0,011	0,094	FALSE
0,005	0,279	0,003	0,011	0,093	FALSE
-0,004	0,281	0,002	0,011	0,082	FALSE
0,150	0,282	0,004	0,007	0,271	FALSE
0,011	0,292	0,003	0,012	0,098	FALSE
-0,117	0,282	-0,004	0,008	0,213	FALSE
-0,101	0,285	-0,001	0,010	0,038	FALSE
0,131	0,263	0,003	0,014	0,073	FALSE
-0,077	0,280	-0,001	0,015	0,031	FALSE
0,132	0,293	0,003	0,009	0,130	FALSE
-0,034	0,272	-0,003	0,014	0,068	FALSE
0,169	0,284	0,007	0,015	0,196	FALSE
-0,036	0,280	0,000	0,011	0,007	FALSE
0,022	0,274	-0,001	0,007	0,041	FALSE

0,075	0,282	0,004	0,009	0,187	FALSE
0,204	0,284	0,008	0,013	0,281	FALSE
0,112	0,284	0,002	0,009	0,094	FALSE
0,108	0,289	0,002	0,009	0,091	FALSE
0,066	0,271	0,000	0,012	0,001	FALSE
-0,061	0,286	-0,001	0,008	0,038	FALSE
-0,082	0,281	-0,001	0,012	0,034	FALSE
0,072	0,282	0,004	0,011	0,136	FALSE
0,017	0,290	0,004	0,014	0,093	FALSE
0,209	0,274	0,004	0,007	0,273	FALSE
0,056	0,297	0,001	0,007	0,049	FALSE
-0,009	0,286	0,000	0,014	0,004	FALSE
0,029	0,294	0,003	0,012	0,096	FALSE
-0,099	0,287	-0,003	0,011	0,117	FALSE
-0,078	0,296	-0,002	0,011	0,069	FALSE
-0,153	0,279	-0,003	0,009	0,156	FALSE
-0,039	0,296	0,002	0,013	0,047	FALSE
0,029	0,292	0,000	0,010	0,000	FALSE
0,020	0,298	0,002	0,013	0,041	FALSE
0,072	0,287	0,001	0,011	0,030	FALSE
-0,082	0,290	-0,003	0,015	0,066	FALSE
0,270	0,278	0,007	0,009	0,350	FALSE
-0,128	0,285	-0,002	0,009	0,091	FALSE
0,028	0,276	0,000	0,011	0,007	FALSE
-0,076	0,294	-0,001	0,008	0,049	FALSE
-0,040	0,285	-0,002	0,011	0,052	FALSE
0,177	0,295	0,005	0,008	0,279	FALSE
0,107	0,287	0,006	0,011	0,210	FALSE
0,142	0,287	0,004	0,008	0,235	FALSE
-0,127	0,295	-0,009	0,015	0,242	FALSE
0,065	0,284	0,001	0,012	0,018	FALSE
-0,150	0,283	-0,005	0,014	0,147	FALSE
0,246	0,270	0,008	0,010	0,365	FALSE
-0,149	0,271	-0,004	0,013	0,120	FALSE
-0,142	0,281	-0,005	0,010	0,199	FALSE
0,057	0,279	0,002	0,009	0,073	FALSE
0,035	0,300	0,000	0,009	0,007	FALSE
-0,062	0,283	0,000	0,012	0,012	FALSE
0,003	0,297	0,001	0,010	0,033	FALSE
-0,084	0,288	-0,001	0,014	0,013	FALSE
-0,094	0,278	-0,004	0,013	0,111	FALSE
-0,053	0,290	-0,002	0,013	0,069	FALSE
0,093	0,297	0,003	0,010	0,122	FALSE
0,012	0,295	0,000	0,011	0,011	FALSE
-0,023	0,295	-0,001	0,010	0,056	FALSE
0,020	0,287	-0,001	0,015	0,032	FALSE
0,077	0,289	0,003	0,009	0,120	FALSE
0,118	0,290	0,002	0,008	0,092	FALSE
0,086	0,291	0,001	0,008	0,065	FALSE
0,042	0,301	0,001	0,015	0,017	FALSE
-0,017	0,284	-0,003	0,014	0,084	FALSE
-0,065	0,293	-0,004	0,014	0,112	FALSE
-0,081	0,285	-0,001	0,009	0,029	FALSE

0,028	0,291	0,003	0,014	0,082	FALSE
0,024	0,286	0,000	0,009	0,000	FALSE
0,110	0,282	0,006	0,014	0,183	FALSE
0,008	0,285	0,002	0,014	0,061	FALSE
0,007	0,301	0,001	0,007	0,034	FALSE
-0,008	0,290	0,002	0,009	0,066	FALSE
-0,080	0,292	-0,004	0,015	0,094	FALSE
-0,095	0,279	-0,004	0,008	0,195	FALSE
0,081	0,290	0,003	0,012	0,085	FALSE
-0,006	0,283	0,001	0,015	0,033	FALSE
0,144	0,286	0,003	0,008	0,183	FALSE
-0,026	0,289	0,000	0,009	0,021	FALSE
0,025	0,302	0,002	0,008	0,072	FALSE
-0,076	0,284	-0,002	0,011	0,062	FALSE
-0,051	0,292	-0,001	0,008	0,041	FALSE
-0,045	0,314	0,000	0,016	0,002	FALSE
-0,070	0,285	-0,002	0,009	0,097	FALSE
0,058	0,281	0,002	0,013	0,045	FALSE
-0,095	0,294	-0,002	0,014	0,051	FALSE
-0,003	0,287	-0,001	0,013	0,019	FALSE
0,258	0,275	0,009	0,013	0,308	FALSE
-0,069	0,288	-0,003	0,011	0,093	FALSE
0,277	0,267	0,009	0,013	0,327	FALSE
0,303	0,257	0,012	0,013	0,432	FALSE
0,020	0,286	0,002	0,008	0,078	FALSE
-0,109	0,276	-0,005	0,011	0,168	FALSE
-0,190	0,279	-0,009	0,013	0,291	FALSE
-0,034	0,297	-0,001	0,010	0,021	FALSE
-0,078	0,286	-0,003	0,013	0,098	FALSE
-0,046	0,289	0,000	0,007	0,016	FALSE
0,155	0,271	0,003	0,011	0,109	FALSE
0,021	0,291	0,003	0,010	0,113	FALSE
-0,064	0,283	-0,002	0,011	0,074	FALSE
-0,048	0,290	-0,001	0,011	0,047	FALSE
-0,068	0,278	-0,003	0,011	0,097	FALSE
-0,041	0,287	-0,002	0,008	0,115	FALSE
-0,086	0,292	-0,005	0,015	0,116	FALSE
-0,129	0,285	-0,003	0,010	0,134	FALSE
0,163	0,283	0,007	0,015	0,198	FALSE
0,056	0,277	0,003	0,015	0,067	FALSE
0,105	0,274	0,005	0,011	0,168	FALSE
-0,072	0,278	0,000	0,010	0,014	FALSE
0,100	0,280	0,002	0,007	0,105	FALSE
-0,144	0,277	-0,004	0,009	0,171	FALSE
-0,038	0,278	-0,002	0,012	0,050	FALSE
-0,252	0,284	-0,007	0,009	0,350	FALSE
-0,005	0,278	0,001	0,008	0,026	FALSE
-0,028	0,276	-0,001	0,009	0,055	FALSE
0,106	0,295	0,002	0,009	0,088	FALSE
-0,057	0,290	-0,001	0,008	0,066	FALSE
0,063	0,292	0,002	0,009	0,085	FALSE
-0,029	0,306	-0,001	0,013	0,039	FALSE
0,083	0,302	0,003	0,015	0,074	FALSE

0,054	0,284	0,001	0,009	0,021	FALSE
0,014	0,288	0,000	0,014	0,005	FALSE
0,047	0,286	0,001	0,015	0,028	FALSE
0,084	0,283	0,002	0,007	0,092	FALSE
0,038	0,281	0,001	0,011	0,019	FALSE
0,120	0,295	0,002	0,010	0,094	FALSE
-0,024	0,297	-0,001	0,009	0,024	FALSE
0,023	0,291	0,000	0,009	0,020	FALSE
0,104	0,273	0,001	0,009	0,023	FALSE
0,042	0,304	0,001	0,008	0,044	FALSE
-0,159	0,278	-0,004	0,011	0,143	FALSE
0,002	0,293	0,000	0,009	0,004	FALSE
-0,063	0,274	0,000	0,011	0,011	FALSE
0,081	0,281	0,001	0,008	0,057	FALSE
0,091	0,293	0,004	0,012	0,138	FALSE
-0,066	0,287	-0,001	0,008	0,027	FALSE
-0,208	0,277	-0,005	0,011	0,207	FALSE
-0,010	0,280	0,000	0,008	0,010	FALSE
0,158	0,285	0,003	0,009	0,140	FALSE
0,168	0,275	0,006	0,012	0,192	FALSE
-0,243	0,279	-0,008	0,011	0,339	FALSE
-0,085	0,289	0,000	0,013	0,011	FALSE
-0,036	0,285	-0,003	0,011	0,084	FALSE
-0,008	0,280	-0,001	0,012	0,030	FALSE
-0,167	0,280	-0,004	0,011	0,124	FALSE
0,195	0,274	0,004	0,009	0,193	FALSE
-0,010	0,276	0,001	0,013	0,020	FALSE
0,249	0,264	0,004	0,008	0,233	FALSE
-0,013	0,285	0,002	0,011	0,082	FALSE
-0,200	0,279	-0,006	0,012	0,231	FALSE
-0,071	0,278	-0,001	0,008	0,056	FALSE
-0,014	0,292	0,002	0,012	0,070	FALSE
-0,141	0,288	-0,007	0,015	0,194	FALSE
0,089	0,292	0,003	0,014	0,086	FALSE
-0,005	0,290	-0,001	0,008	0,033	FALSE
0,117	0,298	0,004	0,014	0,119	FALSE
-0,036	0,280	0,000	0,009	0,002	FALSE
-0,042	0,291	-0,001	0,009	0,028	FALSE
0,081	0,285	0,001	0,011	0,042	FALSE
-0,011	0,281	0,000	0,013	0,008	FALSE
0,006	0,285	0,000	0,015	0,004	FALSE
0,202	0,272	0,005	0,011	0,195	FALSE
0,028	0,291	0,002	0,008	0,094	FALSE
-0,018	0,289	-0,001	0,011	0,041	FALSE
-0,163	0,282	-0,003	0,009	0,133	FALSE
0,149	0,278	0,007	0,013	0,250	FALSE
0,000	0,289	0,000	0,014	0,011	FALSE
-0,147	0,280	-0,007	0,015	0,202	FALSE
-0,043	0,301	-0,002	0,013	0,063	FALSE
-0,015	0,302	-0,001	0,013	0,020	FALSE
0,074	0,278	0,002	0,008	0,088	FALSE
0,025	0,293	0,000	0,007	0,019	FALSE
-0,086	0,280	0,000	0,013	0,002	FALSE

0,135	0,287	0,004	0,010	0,158	FALSE
-0,018	0,275	-0,002	0,014	0,062	FALSE
0,005	0,285	0,000	0,007	0,020	FALSE
0,063	0,278	0,001	0,008	0,059	FALSE
0,049	0,298	0,001	0,007	0,042	FALSE
-0,135	0,293	-0,004	0,010	0,153	FALSE
0,060	0,286	0,001	0,008	0,068	FALSE
-0,068	0,279	-0,003	0,010	0,121	FALSE
0,002	0,274	0,003	0,011	0,087	FALSE
0,027	0,286	-0,001	0,008	0,045	FALSE
0,023	0,291	0,001	0,014	0,022	FALSE
0,078	0,294	0,000	0,008	0,014	FALSE
0,075	0,275	0,001	0,010	0,027	FALSE
-0,001	0,283	0,001	0,010	0,036	FALSE
0,139	0,285	0,009	0,015	0,249	FALSE
0,210	0,280	0,006	0,008	0,316	FALSE
-0,049	0,289	-0,002	0,008	0,089	FALSE
0,157	0,275	0,003	0,010	0,101	FALSE
-0,023	0,287	0,000	0,007	0,025	FALSE
0,029	0,289	0,001	0,010	0,029	FALSE
-0,086	0,287	-0,001	0,008	0,028	FALSE
-0,024	0,275	-0,002	0,010	0,062	FALSE
-0,092	0,292	-0,003	0,010	0,141	FALSE
-0,087	0,287	-0,004	0,015	0,109	FALSE
0,057	0,288	0,002	0,014	0,046	FALSE
0,163	0,285	0,006	0,010	0,266	FALSE
-0,061	0,282	-0,003	0,012	0,076	FALSE
-0,055	0,290	-0,002	0,008	0,085	FALSE
-0,167	0,284	-0,007	0,015	0,192	FALSE
-0,212	0,291	-0,010	0,016	0,297	FALSE
0,176	0,268	0,005	0,010	0,221	FALSE
-0,044	0,285	-0,003	0,013	0,073	FALSE
0,035	0,304	0,003	0,012	0,091	FALSE
-0,145	0,284	-0,003	0,015	0,075	FALSE
-0,104	0,287	-0,003	0,015	0,070	FALSE
-0,077	0,293	-0,002	0,008	0,119	FALSE
-0,086	0,281	-0,003	0,009	0,112	FALSE
-0,201	0,280	-0,006	0,010	0,239	FALSE
-0,088	0,285	-0,001	0,010	0,049	FALSE
0,027	0,277	0,001	0,007	0,057	FALSE
-0,021	0,287	0,000	0,008	0,006	FALSE
0,117	0,292	0,004	0,011	0,140	FALSE
0,026	0,302	0,001	0,008	0,039	FALSE
0,041	0,311	0,002	0,010	0,092	FALSE
-0,079	0,276	-0,003	0,008	0,145	FALSE
-0,103	0,290	-0,002	0,008	0,119	FALSE
0,239	0,275	0,012	0,015	0,367	FALSE
-0,031	0,291	0,000	0,009	0,014	FALSE
-0,048	0,296	-0,001	0,012	0,020	FALSE
-0,077	0,284	-0,002	0,009	0,071	FALSE
0,025	0,276	0,001	0,012	0,032	FALSE
0,066	0,285	0,001	0,009	0,056	FALSE
0,120	0,278	0,004	0,011	0,149	FALSE

-0,224	0,271	-0,006	0,008	0,307	FALSE
-0,085	0,288	-0,003	0,010	0,096	FALSE
0,151	0,286	0,005	0,011	0,181	FALSE
0,128	0,289	0,002	0,008	0,112	FALSE
0,170	0,290	0,006	0,014	0,188	FALSE
-0,004	0,292	0,001	0,013	0,031	FALSE
-0,170	0,293	-0,007	0,014	0,210	FALSE
-0,179	0,274	-0,007	0,014	0,214	FALSE
-0,179	0,282	-0,007	0,014	0,221	FALSE
-0,010	0,283	-0,002	0,014	0,049	FALSE
0,027	0,286	0,000	0,008	0,005	FALSE
0,077	0,290	0,002	0,011	0,067	FALSE
0,010	0,282	0,000	0,010	0,003	FALSE
0,004	0,290	-0,001	0,011	0,044	FALSE
-0,072	0,291	-0,001	0,007	0,081	FALSE
-0,031	0,294	-0,001	0,015	0,020	FALSE
-0,106	0,298	-0,005	0,015	0,119	FALSE
0,092	0,297	0,003	0,008	0,149	FALSE
0,061	0,287	0,002	0,012	0,050	FALSE
0,135	0,290	0,004	0,010	0,190	FALSE
-0,156	0,280	-0,003	0,009	0,137	FALSE
0,055	0,290	0,002	0,012	0,073	FALSE
-0,071	0,295	-0,002	0,011	0,081	FALSE
0,036	0,287	0,002	0,014	0,051	FALSE
0,066	0,289	0,003	0,009	0,138	FALSE
0,180	0,277	0,007	0,014	0,201	FALSE
-0,209	0,283	-0,011	0,015	0,329	FALSE
0,110	0,287	0,004	0,009	0,208	FALSE
0,180	0,291	0,010	0,014	0,320	FALSE
-0,157	0,291	-0,007	0,015	0,191	FALSE
0,165	0,281	0,007	0,010	0,315	FALSE
-0,155	0,284	-0,005	0,014	0,155	FALSE
-0,084	0,278	-0,002	0,014	0,063	FALSE
-0,088	0,294	-0,005	0,015	0,137	FALSE
0,024	0,289	0,001	0,008	0,066	FALSE
-0,099	0,289	-0,005	0,015	0,124	FALSE
0,123	0,280	0,005	0,011	0,193	FALSE
-0,036	0,288	-0,004	0,013	0,137	FALSE
0,081	0,289	0,003	0,014	0,067	FALSE
0,097	0,284	0,003	0,014	0,089	FALSE
0,160	0,283	0,006	0,014	0,181	FALSE
0,002	0,276	-0,001	0,008	0,037	FALSE
0,022	0,289	0,000	0,009	0,003	FALSE
0,041	0,302	0,003	0,011	0,098	FALSE
0,153	0,288	0,005	0,011	0,191	FALSE
-0,112	0,289	-0,003	0,014	0,081	FALSE
-0,056	0,276	-0,004	0,013	0,110	FALSE
0,100	0,261	0,004	0,013	0,129	FALSE
0,062	0,284	0,002	0,014	0,064	FALSE
-0,014	0,284	0,000	0,009	0,020	FALSE
0,043	0,279	0,002	0,010	0,082	FALSE
-0,020	0,279	-0,004	0,012	0,134	FALSE
-0,100	0,298	-0,003	0,009	0,117	FALSE

-0,120	0,292	-0,003	0,009	0,140	FALSE
0,052	0,284	0,000	0,010	0,010	FALSE
0,020	0,280	-0,001	0,011	0,039	FALSE
-0,057	0,287	-0,004	0,015	0,101	FALSE
-0,054	0,276	-0,004	0,014	0,100	FALSE
-0,076	0,289	-0,004	0,014	0,094	FALSE
-0,061	0,294	-0,003	0,015	0,090	FALSE
-0,061	0,286	-0,004	0,014	0,105	FALSE
-0,062	0,286	-0,004	0,015	0,099	FALSE
-0,056	0,282	-0,003	0,014	0,084	FALSE
-0,139	0,287	-0,003	0,011	0,086	FALSE
0,079	0,280	0,002	0,014	0,048	FALSE
0,106	0,287	0,003	0,008	0,147	FALSE
0,116	0,271	0,004	0,012	0,134	FALSE
0,015	0,301	0,001	0,013	0,041	FALSE
0,194	0,273	0,006	0,011	0,219	FALSE
-0,045	0,286	-0,002	0,009	0,075	FALSE
-0,045	0,288	-0,002	0,009	0,065	FALSE
-0,104	0,279	-0,004	0,015	0,108	FALSE
0,065	0,298	0,005	0,015	0,120	FALSE
0,008	0,299	0,000	0,012	0,013	FALSE
-0,042	0,286	-0,002	0,015	0,053	FALSE
0,066	0,284	0,001	0,010	0,050	FALSE
-0,038	0,292	-0,002	0,015	0,047	FALSE
0,097	0,301	0,003	0,008	0,168	FALSE
-0,024	0,290	0,000	0,012	0,012	FALSE
-0,036	0,276	0,000	0,011	0,003	FALSE
0,016	0,294	0,001	0,008	0,034	FALSE
-0,080	0,290	-0,001	0,007	0,059	FALSE
-0,030	0,286	-0,001	0,008	0,031	FALSE
-0,056	0,289	-0,002	0,009	0,069	FALSE
0,045	0,301	0,001	0,009	0,036	FALSE
0,062	0,288	0,003	0,013	0,082	FALSE
0,177	0,281	0,009	0,015	0,282	FALSE
0,064	0,286	0,003	0,015	0,083	FALSE
-0,087	0,295	-0,004	0,011	0,130	FALSE
-0,105	0,277	-0,003	0,009	0,146	FALSE
0,046	0,296	0,002	0,010	0,065	FALSE
0,098	0,283	0,001	0,012	0,045	FALSE
-0,038	0,286	-0,002	0,010	0,069	FALSE
-0,005	0,272	-0,002	0,015	0,040	FALSE
0,173	0,289	0,005	0,009	0,223	FALSE
0,062	0,282	0,004	0,015	0,115	FALSE
0,057	0,282	0,002	0,014	0,059	FALSE
-0,024	0,271	-0,001	0,008	0,035	FALSE
0,058	0,297	0,000	0,014	0,005	FALSE
-0,058	0,293	0,000	0,008	0,018	FALSE
-0,023	0,271	-0,001	0,013	0,024	FALSE
0,199	0,286	0,007	0,011	0,304	FALSE
0,180	0,286	0,006	0,011	0,253	FALSE
0,207	0,287	0,009	0,013	0,335	FALSE
-0,187	0,286	-0,006	0,014	0,176	FALSE
-0,022	0,271	-0,001	0,009	0,034	FALSE

0,138	0,286	0,003	0,010	0,130	FALSE
0,161	0,288	0,004	0,010	0,175	FALSE
-0,024	0,292	-0,001	0,007	0,029	FALSE
-0,105	0,293	-0,002	0,010	0,099	FALSE
0,165	0,268	0,003	0,008	0,156	FALSE
0,130	0,298	0,006	0,014	0,191	FALSE
-0,008	0,279	0,000	0,014	0,004	FALSE
0,038	0,287	0,001	0,010	0,048	FALSE
-0,055	0,293	-0,002	0,009	0,084	FALSE
-0,106	0,292	-0,002	0,008	0,099	FALSE
-0,009	0,296	-0,001	0,010	0,033	FALSE
0,120	0,294	0,004	0,009	0,179	FALSE
-0,030	0,288	-0,002	0,013	0,059	FALSE
-0,012	0,278	0,000	0,008	0,015	FALSE
0,194	0,277	0,011	0,015	0,359	FALSE
-0,136	0,297	-0,006	0,013	0,208	FALSE
-0,147	0,282	-0,007	0,012	0,242	FALSE
-0,169	0,288	-0,008	0,013	0,294	FALSE
-0,174	0,282	-0,008	0,012	0,305	FALSE
-0,097	0,293	-0,006	0,013	0,192	FALSE
-0,058	0,274	-0,002	0,008	0,081	FALSE
0,147	0,282	0,004	0,014	0,118	FALSE
0,191	0,275	0,006	0,014	0,185	FALSE
0,082	0,267	0,001	0,014	0,030	FALSE
0,036	0,277	0,005	0,014	0,155	FALSE
0,029	0,284	0,002	0,011	0,083	FALSE
0,066	0,280	0,003	0,013	0,086	FALSE
0,068	0,282	0,001	0,014	0,028	FALSE
-0,005	0,275	-0,001	0,014	0,035	FALSE
-0,077	0,275	0,001	0,011	0,029	FALSE
-0,073	0,276	-0,001	0,008	0,028	FALSE
-0,076	0,291	-0,003	0,014	0,088	FALSE
-0,003	0,294	-0,002	0,015	0,043	FALSE
0,031	0,284	0,002	0,011	0,075	FALSE
0,026	0,285	-0,001	0,007	0,030	FALSE
-0,118	0,269	-0,004	0,009	0,151	FALSE
-0,032	0,291	-0,003	0,015	0,067	FALSE
0,217	0,287	0,008	0,015	0,230	FALSE
0,152	0,282	0,003	0,011	0,106	FALSE
-0,070	0,292	-0,002	0,008	0,081	FALSE
0,051	0,303	0,002	0,011	0,068	FALSE
0,115	0,276	0,004	0,014	0,098	FALSE
0,100	0,291	0,004	0,010	0,161	FALSE
0,124	0,278	0,008	0,013	0,249	FALSE
-0,178	0,276	-0,008	0,014	0,232	FALSE
0,103	0,285	0,005	0,015	0,126	FALSE
0,008	0,282	-0,001	0,010	0,026	FALSE
-0,094	0,292	-0,003	0,013	0,087	FALSE
-0,073	0,273	-0,001	0,007	0,072	FALSE
0,163	0,291	0,008	0,015	0,208	FALSE
0,038	0,274	0,001	0,009	0,064	FALSE
-0,067	0,301	-0,003	0,015	0,069	FALSE
-0,127	0,280	-0,004	0,010	0,170	FALSE

-0,037	0,292	-0,001	0,008	0,068	FALSE
-0,136	0,280	-0,005	0,015	0,118	FALSE
-0,017	0,281	0,001	0,010	0,024	FALSE
0,165	0,285	0,006	0,015	0,148	FALSE
-0,031	0,288	-0,001	0,007	0,040	FALSE
-0,101	0,280	-0,002	0,010	0,064	FALSE
-0,008	0,281	0,000	0,015	0,006	FALSE
-0,079	0,264	-0,003	0,013	0,078	FALSE
-0,151	0,285	-0,006	0,013	0,183	FALSE
-0,086	0,273	-0,003	0,009	0,136	FALSE
0,073	0,290	0,002	0,007	0,126	FALSE
-0,018	0,282	-0,003	0,015	0,083	FALSE
-0,039	0,281	-0,002	0,007	0,109	FALSE
-0,150	0,289	-0,005	0,008	0,296	FALSE
-0,034	0,277	-0,001	0,010	0,052	FALSE
0,024	0,293	0,003	0,015	0,062	FALSE
-0,010	0,279	-0,002	0,011	0,053	FALSE
0,142	0,301	0,004	0,008	0,221	FALSE
-0,117	0,284	-0,002	0,009	0,064	FALSE
-0,053	0,273	-0,002	0,007	0,118	FALSE
0,077	0,298	0,004	0,013	0,110	FALSE
0,087	0,286	0,004	0,015	0,095	FALSE
0,073	0,297	0,003	0,016	0,071	FALSE
0,059	0,289	0,002	0,015	0,056	FALSE
0,038	0,271	0,001	0,014	0,033	FALSE
0,032	0,286	0,001	0,014	0,019	FALSE
-0,002	0,288	0,000	0,014	0,007	FALSE
0,078	0,290	0,003	0,015	0,065	FALSE
0,056	0,303	0,002	0,015	0,051	FALSE
0,240	0,269	0,006	0,009	0,273	FALSE
-0,149	0,279	-0,003	0,008	0,165	FALSE
-0,141	0,279	-0,002	0,010	0,097	FALSE
0,127	0,287	0,005	0,015	0,138	FALSE
-0,138	0,283	-0,004	0,009	0,193	FALSE
0,087	0,282	0,002	0,008	0,084	FALSE
0,028	0,292	0,000	0,007	0,003	FALSE
-0,002	0,283	0,000	0,008	0,017	FALSE
-0,033	0,281	-0,001	0,011	0,035	FALSE
0,056	0,294	0,002	0,011	0,068	FALSE
0,037	0,278	0,000	0,013	0,006	FALSE
-0,025	0,280	-0,002	0,008	0,090	FALSE
-0,082	0,297	0,000	0,014	0,003	FALSE
-0,108	0,276	-0,002	0,012	0,053	FALSE
0,060	0,276	0,005	0,014	0,148	FALSE
0,194	0,287	0,004	0,008	0,216	FALSE
-0,099	0,283	-0,002	0,009	0,077	FALSE
0,205	0,281	0,005	0,009	0,219	FALSE
-0,172	0,268	-0,005	0,007	0,263	FALSE
-0,021	0,285	-0,002	0,012	0,062	FALSE
-0,075	0,284	0,000	0,008	0,003	FALSE
0,129	0,283	0,004	0,013	0,123	FALSE
0,116	0,297	0,003	0,009	0,137	FALSE
0,057	0,296	0,001	0,011	0,023	FALSE

-0,075	0,292	0,000	0,007	0,020	FALSE
-0,041	0,283	0,000	0,012	0,005	FALSE
-0,003	0,283	-0,001	0,012	0,027	FALSE
-0,003	0,293	-0,002	0,013	0,058	FALSE
0,015	0,293	-0,002	0,014	0,058	FALSE
0,004	0,292	0,000	0,014	0,005	FALSE
0,054	0,282	0,000	0,012	0,002	FALSE
0,082	0,284	0,005	0,015	0,126	FALSE
-0,267	0,271	-0,008	0,010	0,368	FALSE
0,039	0,282	0,000	0,011	0,006	FALSE
0,022	0,278	-0,001	0,009	0,019	FALSE
-0,037	0,290	0,000	0,011	0,000	FALSE
-0,041	0,292	-0,002	0,013	0,065	FALSE
0,086	0,269	0,000	0,010	0,009	FALSE
0,113	0,299	0,003	0,008	0,165	FALSE
0,009	0,307	0,000	0,011	0,015	FALSE
-0,036	0,285	0,001	0,012	0,019	FALSE
0,047	0,276	0,003	0,011	0,111	FALSE
-0,010	0,288	-0,002	0,009	0,079	FALSE
-0,025	0,291	-0,001	0,009	0,048	FALSE
0,043	0,289	0,003	0,009	0,128	FALSE
-0,046	0,283	-0,004	0,015	0,105	FALSE
0,017	0,288	0,001	0,011	0,037	FALSE
-0,027	0,298	-0,001	0,011	0,022	FALSE
0,007	0,293	0,002	0,015	0,063	FALSE
0,043	0,298	0,000	0,014	0,005	FALSE
0,017	0,276	0,001	0,010	0,030	FALSE
-0,067	0,277	-0,002	0,007	0,088	FALSE
0,080	0,300	0,003	0,016	0,071	FALSE
0,112	0,291	0,001	0,009	0,052	FALSE
-0,064	0,281	-0,001	0,012	0,045	FALSE
0,057	0,296	0,002	0,010	0,079	FALSE
0,020	0,286	0,000	0,012	0,002	FALSE
-0,057	0,292	-0,002	0,012	0,068	FALSE
0,014	0,276	0,000	0,008	0,007	FALSE
-0,133	0,283	-0,004	0,009	0,196	FALSE
0,021	0,280	0,001	0,014	0,015	FALSE
-0,002	0,293	0,000	0,010	0,008	FALSE
0,190	0,285	0,006	0,011	0,249	FALSE
0,042	0,291	0,001	0,009	0,052	FALSE
-0,127	0,290	-0,004	0,008	0,203	FALSE
0,043	0,284	0,001	0,009	0,042	FALSE
-0,081	0,280	-0,004	0,011	0,164	FALSE
-0,145	0,289	-0,003	0,008	0,162	FALSE
0,082	0,292	0,004	0,009	0,163	FALSE
0,121	0,269	0,003	0,015	0,065	FALSE
-0,125	0,275	-0,002	0,008	0,082	FALSE
0,048	0,294	0,001	0,014	0,019	FALSE
0,134	0,292	0,002	0,009	0,110	FALSE
-0,085	0,298	-0,003	0,010	0,110	FALSE
-0,033	0,276	-0,003	0,010	0,123	FALSE
-0,047	0,279	-0,004	0,011	0,136	FALSE
0,059	0,294	0,004	0,015	0,094	FALSE

-0,010	0,302	0,002	0,010	0,059	FALSE
0,058	0,282	0,001	0,012	0,034	FALSE
0,086	0,284	0,002	0,014	0,066	FALSE
-0,007	0,287	0,000	0,009	0,006	FALSE
0,063	0,284	0,002	0,012	0,051	FALSE
0,046	0,274	0,001	0,013	0,029	FALSE
-0,099	0,280	-0,004	0,015	0,106	FALSE
-0,123	0,293	-0,005	0,015	0,131	FALSE
-0,178	0,281	-0,005	0,008	0,238	FALSE
-0,234	0,275	-0,006	0,008	0,331	FALSE
-0,008	0,285	-0,002	0,014	0,053	FALSE
0,104	0,297	0,003	0,007	0,154	FALSE
-0,012	0,296	0,000	0,011	0,000	FALSE
0,170	0,289	0,005	0,008	0,232	FALSE
0,086	0,280	0,002	0,008	0,107	FALSE
0,123	0,279	0,004	0,009	0,182	FALSE
0,053	0,283	0,002	0,010	0,073	FALSE
0,021	0,266	-0,001	0,008	0,040	FALSE
0,017	0,300	0,000	0,011	0,014	FALSE
0,126	0,294	0,005	0,014	0,131	FALSE
-0,174	0,285	-0,004	0,008	0,224	FALSE
-0,174	0,287	-0,004	0,008	0,203	FALSE
0,083	0,289	0,002	0,015	0,043	FALSE
0,070	0,277	0,001	0,014	0,032	FALSE
0,130	0,288	0,003	0,007	0,184	FALSE
-0,068	0,271	-0,006	0,014	0,194	FALSE
0,015	0,280	-0,001	0,011	0,026	FALSE
0,010	0,279	-0,001	0,011	0,035	FALSE
0,054	0,285	0,000	0,009	0,003	FALSE
-0,097	0,288	-0,005	0,014	0,146	FALSE
0,185	0,294	0,009	0,012	0,343	FALSE
0,032	0,297	0,001	0,009	0,053	FALSE
0,082	0,294	0,005	0,013	0,174	FALSE
-0,017	0,286	0,000	0,014	0,012	FALSE
-0,043	0,291	-0,002	0,009	0,081	FALSE
0,217	0,271	0,007	0,013	0,239	FALSE
0,114	0,269	0,006	0,014	0,193	FALSE
-0,050	0,293	-0,003	0,014	0,092	FALSE
0,008	0,299	0,000	0,008	0,015	FALSE
0,080	0,307	0,003	0,014	0,089	FALSE
-0,009	0,276	-0,004	0,014	0,099	FALSE
0,139	0,288	0,003	0,008	0,167	FALSE
-0,140	0,300	-0,003	0,008	0,115	FALSE
0,077	0,278	0,003	0,012	0,097	FALSE
0,143	0,277	0,003	0,011	0,100	FALSE
-0,095	0,275	-0,001	0,007	0,059	FALSE
-0,019	0,308	-0,001	0,014	0,036	FALSE
0,104	0,288	0,002	0,013	0,063	FALSE
0,102	0,285	0,004	0,013	0,103	FALSE
0,096	0,292	0,001	0,009	0,037	FALSE
0,053	0,286	0,001	0,009	0,049	FALSE
-0,063	0,291	-0,006	0,014	0,161	FALSE
-0,054	0,277	0,001	0,010	0,024	FALSE

-0,002	0,274	-0,001	0,008	0,037	FALSE
0,091	0,269	0,004	0,014	0,112	FALSE
0,107	0,253	0,005	0,014	0,150	FALSE
-0,086	0,279	-0,001	0,007	0,056	FALSE
-0,108	0,274	-0,004	0,012	0,114	FALSE
0,169	0,280	0,006	0,014	0,175	FALSE
0,019	0,293	0,000	0,008	0,017	FALSE
-0,089	0,279	-0,002	0,008	0,088	FALSE
0,129	0,293	0,004	0,012	0,110	FALSE
0,258	0,277	0,008	0,011	0,326	FALSE
0,253	0,270	0,006	0,009	0,304	FALSE
0,004	0,278	0,001	0,013	0,034	FALSE
-0,052	0,283	-0,002	0,008	0,083	FALSE
-0,106	0,290	-0,002	0,008	0,108	FALSE
0,117	0,273	0,004	0,011	0,138	FALSE
-0,047	0,275	-0,004	0,011	0,140	FALSE
0,081	0,284	0,002	0,011	0,054	FALSE
0,043	0,281	0,004	0,014	0,117	FALSE
0,012	0,289	0,003	0,015	0,074	FALSE
-0,061	0,285	-0,002	0,010	0,090	FALSE
-0,028	0,283	-0,001	0,013	0,015	FALSE
-0,019	0,280	-0,001	0,012	0,043	FALSE
-0,140	0,274	-0,004	0,007	0,204	FALSE
-0,043	0,291	0,000	0,009	0,009	FALSE
-0,007	0,290	0,000	0,013	0,007	FALSE
-0,079	0,293	-0,001	0,010	0,042	FALSE
0,008	0,290	0,002	0,014	0,047	FALSE
0,070	0,283	0,002	0,009	0,085	FALSE
0,027	0,283	0,002	0,008	0,080	FALSE
0,145	0,287	0,005	0,010	0,241	FALSE
0,035	0,276	0,000	0,011	0,001	FALSE
0,024	0,277	-0,001	0,008	0,036	FALSE
0,069	0,279	0,001	0,011	0,024	FALSE
0,070	0,292	0,002	0,008	0,087	FALSE
-0,006	0,294	-0,001	0,010	0,023	FALSE
-0,149	0,279	-0,004	0,008	0,193	FALSE
-0,169	0,279	-0,006	0,011	0,210	FALSE
0,211	0,292	0,007	0,010	0,308	FALSE
-0,054	0,282	-0,001	0,010	0,032	FALSE
-0,060	0,281	-0,005	0,014	0,140	FALSE
0,068	0,286	0,002	0,009	0,069	FALSE
0,013	0,291	0,000	0,008	0,004	FALSE
-0,042	0,291	-0,002	0,013	0,062	FALSE
-0,094	0,285	-0,002	0,009	0,092	FALSE
-0,008	0,275	0,000	0,011	0,012	FALSE
0,000	0,289	-0,001	0,008	0,039	FALSE
-0,175	0,281	-0,008	0,014	0,236	FALSE
-0,061	0,294	-0,003	0,011	0,094	FALSE
0,123	0,287	0,002	0,011	0,083	FALSE
0,089	0,291	0,002	0,011	0,074	FALSE
0,094	0,280	0,003	0,007	0,172	FALSE
-0,189	0,286	-0,007	0,012	0,252	FALSE
-0,062	0,281	-0,002	0,013	0,072	FALSE

-0,033	0,282	-0,002	0,014	0,051	FALSE
0,004	0,284	0,002	0,014	0,038	FALSE
0,091	0,295	0,002	0,008	0,097	FALSE
0,074	0,289	0,002	0,008	0,076	FALSE
0,094	0,279	0,004	0,011	0,145	FALSE
-0,091	0,283	-0,003	0,011	0,116	FALSE
-0,005	0,291	0,000	0,014	0,005	FALSE
0,094	0,292	0,004	0,012	0,148	FALSE
0,146	0,284	0,003	0,010	0,114	FALSE
-0,100	0,288	-0,004	0,008	0,199	FALSE
-0,052	0,296	-0,002	0,013	0,061	FALSE
-0,087	0,296	-0,002	0,009	0,089	FALSE
-0,160	0,277	-0,003	0,012	0,096	FALSE
0,035	0,284	-0,001	0,011	0,019	FALSE
0,057	0,287	0,002	0,014	0,054	FALSE
0,181	0,288	0,004	0,009	0,189	FALSE
-0,106	0,269	-0,003	0,014	0,092	FALSE
0,101	0,287	0,003	0,014	0,084	FALSE
0,068	0,276	0,001	0,010	0,047	FALSE
-0,033	0,289	0,000	0,008	0,018	FALSE
-0,028	0,294	0,000	0,012	0,005	FALSE
-0,038	0,288	-0,001	0,007	0,057	FALSE
-0,032	0,293	-0,001	0,008	0,055	FALSE
0,008	0,301	0,000	0,009	0,019	FALSE
-0,065	0,293	-0,002	0,013	0,059	FALSE
0,161	0,281	0,003	0,007	0,174	FALSE
0,127	0,291	0,002	0,007	0,080	FALSE
0,043	0,293	0,002	0,010	0,083	FALSE
-0,064	0,279	-0,001	0,007	0,057	FALSE
0,012	0,281	0,001	0,011	0,045	FALSE
0,131	0,280	0,003	0,008	0,138	FALSE
-0,040	0,278	0,000	0,014	0,007	FALSE
0,198	0,275	0,005	0,010	0,221	FALSE
-0,033	0,294	-0,002	0,016	0,048	FALSE
-0,032	0,289	0,000	0,008	0,014	FALSE
-0,040	0,292	-0,002	0,008	0,073	FALSE
0,080	0,301	0,002	0,007	0,089	FALSE
0,044	0,285	0,001	0,008	0,050	FALSE
-0,142	0,279	-0,005	0,009	0,257	FALSE
0,099	0,293	0,003	0,007	0,161	FALSE
-0,080	0,297	-0,001	0,008	0,037	FALSE
0,019	0,292	0,001	0,014	0,024	FALSE
0,151	0,277	0,003	0,011	0,112	FALSE
0,031	0,288	0,001	0,009	0,039	FALSE
0,072	0,293	0,002	0,009	0,095	FALSE
0,053	0,282	0,001	0,010	0,045	FALSE
-0,051	0,291	-0,003	0,011	0,099	FALSE
-0,137	0,284	-0,003	0,008	0,128	FALSE
0,020	0,289	0,000	0,008	0,001	FALSE
-0,035	0,273	-0,004	0,015	0,108	FALSE
-0,068	0,277	-0,001	0,009	0,056	FALSE
0,035	0,294	0,000	0,014	0,006	FALSE
-0,006	0,274	0,000	0,007	0,001	FALSE

-0,068	0,291	0,000	0,011	0,013	FALSE
0,207	0,279	0,008	0,015	0,233	FALSE
-0,039	0,283	0,000	0,011	0,013	FALSE
0,028	0,292	0,000	0,008	0,002	FALSE
-0,018	0,283	-0,001	0,012	0,042	FALSE
-0,140	0,273	-0,007	0,014	0,208	FALSE
-0,130	0,295	-0,004	0,011	0,147	FALSE
-0,131	0,279	-0,005	0,015	0,144	FALSE
-0,057	0,282	-0,002	0,013	0,073	FALSE
0,013	0,287	0,001	0,009	0,045	FALSE
0,126	0,278	0,004	0,007	0,200	FALSE
-0,082	0,290	-0,001	0,009	0,034	FALSE
-0,074	0,289	-0,003	0,010	0,120	FALSE
-0,092	0,295	-0,003	0,010	0,115	FALSE
0,215	0,273	0,006	0,011	0,263	FALSE
0,139	0,278	0,004	0,010	0,167	FALSE
0,000	0,292	0,001	0,008	0,056	FALSE
0,060	0,273	0,002	0,010	0,091	FALSE
-0,117	0,289	-0,003	0,011	0,085	FALSE
0,089	0,298	0,004	0,013	0,124	FALSE
0,330	0,253	0,015	0,014	0,548	FALSE
0,006	0,283	0,000	0,013	0,002	FALSE
0,184	0,279	0,005	0,008	0,259	FALSE
0,100	0,274	0,005	0,013	0,135	FALSE
-0,009	0,287	-0,001	0,010	0,036	FALSE
0,152	0,278	0,007	0,015	0,198	FALSE
-0,048	0,290	-0,003	0,015	0,067	FALSE
-0,174	0,277	-0,009	0,015	0,260	FALSE
0,052	0,282	0,001	0,011	0,042	FALSE
-0,066	0,287	0,000	0,011	0,002	FALSE
-0,081	0,300	-0,006	0,013	0,170	FALSE
0,012	0,297	0,001	0,009	0,049	FALSE
0,054	0,289	0,003	0,013	0,099	FALSE
-0,021	0,304	-0,003	0,013	0,070	FALSE
0,051	0,279	0,004	0,014	0,115	FALSE
0,009	0,283	0,001	0,013	0,041	FALSE
0,045	0,303	0,003	0,014	0,073	FALSE
-0,095	0,290	-0,003	0,011	0,119	FALSE
0,057	0,280	0,000	0,008	0,012	FALSE
-0,116	0,269	-0,003	0,008	0,134	FALSE
0,085	0,292	0,003	0,014	0,074	FALSE
0,060	0,284	0,002	0,010	0,072	FALSE
0,149	0,290	0,005	0,012	0,174	FALSE
0,076	0,290	0,002	0,011	0,077	FALSE
0,065	0,278	0,001	0,012	0,026	FALSE
0,066	0,280	0,005	0,011	0,213	FALSE
0,024	0,273	0,000	0,008	0,002	FALSE
-0,025	0,277	0,001	0,010	0,021	FALSE
-0,003	0,285	0,001	0,011	0,044	FALSE
-0,079	0,278	-0,002	0,009	0,103	FALSE
-0,013	0,278	0,000	0,008	0,008	FALSE
-0,008	0,276	0,001	0,010	0,040	FALSE
0,043	0,282	0,001	0,011	0,039	FALSE

-0,113	0,295	-0,004	0,010	0,153	FALSE
0,188	0,285	0,005	0,008	0,244	FALSE
-0,081	0,286	-0,003	0,012	0,098	FALSE
-0,046	0,295	-0,002	0,008	0,079	FALSE
0,084	0,305	0,005	0,012	0,167	FALSE
-0,075	0,290	-0,002	0,010	0,082	FALSE
-0,055	0,295	-0,004	0,012	0,127	FALSE
-0,136	0,279	-0,006	0,012	0,183	FALSE
0,168	0,286	0,008	0,015	0,228	FALSE
-0,082	0,297	-0,004	0,013	0,115	FALSE
0,078	0,284	0,002	0,008	0,110	FALSE
-0,004	0,289	-0,001	0,014	0,033	FALSE
0,108	0,280	0,003	0,009	0,158	FALSE
0,106	0,277	0,003	0,007	0,180	FALSE
-0,030	0,288	0,001	0,007	0,045	FALSE
0,102	0,276	0,003	0,010	0,120	FALSE
0,015	0,298	0,000	0,012	0,010	FALSE
0,022	0,277	0,000	0,012	0,005	FALSE
0,000	0,275	0,001	0,013	0,029	FALSE
-0,178	0,277	-0,004	0,008	0,186	FALSE
0,183	0,274	0,006	0,014	0,188	FALSE
-0,109	0,269	-0,003	0,010	0,136	FALSE
0,131	0,288	0,005	0,011	0,173	FALSE
0,071	0,292	0,001	0,008	0,041	FALSE
-0,084	0,283	-0,003	0,010	0,127	FALSE
0,145	0,294	0,005	0,010	0,209	FALSE
-0,115	0,293	-0,006	0,014	0,164	FALSE
-0,060	0,291	-0,003	0,014	0,092	FALSE
-0,064	0,285	-0,004	0,014	0,112	FALSE
0,080	0,286	0,004	0,014	0,103	FALSE
0,081	0,276	0,004	0,013	0,125	FALSE
0,136	0,289	0,004	0,011	0,156	FALSE
-0,127	0,285	-0,007	0,014	0,191	FALSE
0,008	0,290	0,000	0,007	0,021	FALSE
-0,042	0,287	-0,001	0,011	0,045	FALSE
-0,051	0,283	-0,001	0,012	0,043	FALSE
-0,059	0,284	-0,002	0,011	0,059	FALSE
0,022	0,277	0,000	0,009	0,007	FALSE
0,193	0,290	0,005	0,007	0,281	FALSE
-0,051	0,272	-0,002	0,009	0,112	FALSE
-0,146	0,268	-0,003	0,008	0,161	FALSE
0,000	0,286	0,001	0,011	0,028	FALSE
-0,134	0,295	-0,002	0,012	0,073	FALSE
-0,052	0,287	-0,001	0,009	0,042	FALSE
0,107	0,272	0,000	0,007	0,000	FALSE
-0,092	0,276	-0,002	0,008	0,116	FALSE
0,155	0,295	0,005	0,010	0,207	FALSE
0,011	0,279	0,000	0,011	0,011	FALSE
-0,067	0,281	-0,001	0,012	0,042	FALSE
0,062	0,302	0,004	0,015	0,094	FALSE
0,006	0,288	0,001	0,009	0,053	FALSE
0,004	0,282	0,001	0,008	0,061	FALSE
-0,037	0,292	-0,003	0,014	0,073	FALSE

-0,077	0,279	-0,003	0,011	0,098	FALSE
-0,104	0,292	-0,003	0,012	0,104	FALSE
0,024	0,281	0,000	0,011	0,003	FALSE
-0,026	0,282	0,002	0,014	0,038	FALSE
-0,042	0,300	-0,001	0,014	0,031	FALSE
-0,084	0,295	-0,004	0,010	0,153	FALSE
-0,028	0,292	-0,001	0,012	0,016	FALSE
-0,047	0,271	-0,002	0,014	0,064	FALSE
0,059	0,284	0,001	0,008	0,043	FALSE
0,138	0,282	0,003	0,009	0,145	FALSE
0,007	0,288	0,001	0,013	0,015	FALSE
-0,122	0,303	-0,004	0,012	0,121	FALSE
-0,043	0,285	0,000	0,008	0,012	FALSE
-0,158	0,265	-0,007	0,012	0,268	FALSE
0,140	0,280	0,007	0,011	0,246	FALSE
-0,117	0,280	-0,003	0,007	0,154	FALSE
-0,008	0,295	-0,001	0,010	0,024	FALSE
0,114	0,284	0,002	0,009	0,076	FALSE
0,008	0,283	0,001	0,007	0,066	FALSE
0,105	0,287	0,003	0,014	0,068	FALSE
-0,102	0,281	-0,004	0,014	0,101	FALSE
-0,062	0,275	-0,001	0,012	0,038	FALSE
0,017	0,278	0,001	0,007	0,050	FALSE
-0,032	0,283	-0,001	0,008	0,026	FALSE
-0,049	0,295	-0,003	0,015	0,065	FALSE
0,073	0,288	0,003	0,015	0,072	FALSE
-0,055	0,279	-0,003	0,015	0,063	FALSE
-0,251	0,261	-0,010	0,011	0,438	FALSE
-0,010	0,285	0,000	0,009	0,008	FALSE
-0,085	0,286	-0,004	0,014	0,106	FALSE
-0,014	0,284	-0,001	0,011	0,049	FALSE
-0,031	0,287	-0,001	0,015	0,024	FALSE
0,111	0,281	0,002	0,010	0,094	FALSE
-0,039	0,287	-0,001	0,015	0,015	FALSE
0,252	0,281	0,010	0,013	0,336	FALSE
0,025	0,261	0,005	0,014	0,127	FALSE
-0,174	0,272	-0,009	0,013	0,296	FALSE
0,064	0,287	0,002	0,012	0,076	FALSE
0,061	0,270	0,003	0,011	0,088	FALSE
-0,060	0,292	-0,002	0,014	0,048	FALSE
-0,002	0,289	-0,001	0,009	0,044	FALSE
0,005	0,296	0,000	0,009	0,019	FALSE
-0,094	0,278	-0,006	0,014	0,157	FALSE
-0,045	0,292	-0,002	0,009	0,102	FALSE
0,114	0,272	0,004	0,009	0,172	FALSE
-0,094	0,276	-0,005	0,010	0,186	FALSE
0,117	0,295	0,005	0,013	0,148	FALSE
-0,088	0,272	-0,004	0,011	0,130	FALSE
-0,058	0,289	-0,002	0,010	0,082	FALSE
0,092	0,287	0,002	0,015	0,057	FALSE
-0,079	0,284	-0,003	0,011	0,092	FALSE
-0,050	0,280	-0,002	0,011	0,079	FALSE
-0,124	0,287	-0,003	0,009	0,111	FALSE

-0,142	0,275	-0,005	0,009	0,265	FALSE
-0,056	0,277	-0,004	0,013	0,116	FALSE
-0,117	0,284	-0,006	0,014	0,182	FALSE
-0,102	0,287	-0,006	0,014	0,159	FALSE
-0,100	0,276	-0,004	0,009	0,168	FALSE
0,072	0,279	0,004	0,014	0,098	FALSE
-0,119	0,289	-0,002	0,008	0,102	FALSE
0,028	0,281	0,002	0,012	0,070	FALSE
-0,117	0,288	-0,003	0,008	0,186	FALSE
0,033	0,276	0,003	0,014	0,087	FALSE
0,084	0,293	0,003	0,010	0,112	FALSE
0,106	0,288	0,003	0,009	0,154	FALSE
0,220	0,278	0,007	0,010	0,333	FALSE
0,070	0,284	0,002	0,008	0,115	FALSE
0,034	0,291	0,002	0,015	0,048	FALSE
-0,223	0,287	-0,004	0,008	0,226	FALSE
0,090	0,280	0,003	0,015	0,070	FALSE
-0,157	0,298	-0,006	0,012	0,203	FALSE
-0,118	0,272	-0,005	0,014	0,145	FALSE
0,077	0,290	0,002	0,011	0,072	FALSE
0,061	0,296	0,002	0,009	0,090	FALSE
0,088	0,278	0,003	0,011	0,092	FALSE
0,036	0,293	0,000	0,012	0,012	FALSE
-0,122	0,284	-0,008	0,014	0,227	FALSE
-0,059	0,290	-0,001	0,009	0,031	FALSE
0,103	0,287	0,003	0,014	0,072	FALSE
0,194	0,290	0,006	0,011	0,266	FALSE
-0,083	0,284	-0,002	0,008	0,110	FALSE
-0,046	0,284	-0,002	0,008	0,076	FALSE
0,077	0,288	0,005	0,014	0,138	FALSE
-0,138	0,291	-0,004	0,008	0,169	FALSE
-0,066	0,297	-0,004	0,012	0,124	FALSE
-0,057	0,297	-0,003	0,012	0,092	FALSE
-0,123	0,282	-0,008	0,015	0,224	FALSE
0,036	0,303	0,003	0,011	0,097	FALSE
0,090	0,265	0,005	0,013	0,141	FALSE
0,117	0,279	0,003	0,009	0,113	FALSE
0,093	0,288	0,005	0,014	0,131	FALSE
0,126	0,269	0,003	0,009	0,130	FALSE
-0,139	0,288	-0,005	0,013	0,139	FALSE
-0,112	0,284	-0,004	0,012	0,115	FALSE
-0,074	0,283	-0,001	0,007	0,069	FALSE
-0,122	0,291	-0,006	0,011	0,239	FALSE
-0,038	0,308	0,000	0,011	0,001	FALSE
-0,006	0,298	0,001	0,013	0,030	FALSE
0,040	0,287	0,003	0,012	0,076	FALSE
-0,097	0,290	-0,002	0,008	0,089	FALSE
-0,098	0,301	-0,003	0,009	0,148	FALSE
-0,023	0,293	-0,004	0,013	0,121	FALSE
-0,092	0,288	-0,002	0,009	0,065	FALSE
-0,036	0,278	0,000	0,008	0,013	FALSE
-0,149	0,284	-0,006	0,009	0,273	FALSE
0,129	0,298	0,005	0,012	0,164	FALSE

-0,160	0,272	-0,005	0,011	0,204	FALSE
0,117	0,268	0,003	0,014	0,092	FALSE
-0,202	0,281	-0,007	0,015	0,185	FALSE
-0,070	0,290	-0,002	0,015	0,062	FALSE
-0,067	0,282	-0,007	0,015	0,200	FALSE
-0,086	0,277	-0,002	0,008	0,088	FALSE
-0,100	0,279	-0,008	0,015	0,228	FALSE
-0,088	0,280	-0,007	0,015	0,198	FALSE
-0,213	0,265	-0,006	0,012	0,231	FALSE
-0,135	0,290	-0,006	0,015	0,159	FALSE
0,026	0,276	-0,003	0,012	0,105	FALSE
0,106	0,261	0,002	0,010	0,093	FALSE
-0,071	0,263	-0,006	0,014	0,167	FALSE
-0,208	0,277	-0,006	0,010	0,263	FALSE
-0,226	0,282	-0,008	0,012	0,291	FALSE
0,007	0,291	0,001	0,009	0,044	FALSE
-0,047	0,282	-0,001	0,011	0,048	FALSE
-0,045	0,283	-0,002	0,012	0,058	FALSE
-0,069	0,294	-0,003	0,012	0,082	FALSE
-0,079	0,290	-0,001	0,009	0,050	FALSE
0,146	0,282	0,004	0,007	0,250	FALSE
-0,013	0,287	0,000	0,008	0,016	FALSE
-0,106	0,283	-0,005	0,010	0,193	FALSE
0,046	0,286	0,002	0,011	0,072	FALSE
0,129	0,293	0,005	0,009	0,253	FALSE
-0,012	0,278	0,000	0,008	0,018	FALSE
0,020	0,286	0,001	0,008	0,030	FALSE
-0,111	0,284	-0,003	0,010	0,134	FALSE
-0,139	0,285	-0,002	0,008	0,115	FALSE
-0,297	0,271	-0,012	0,011	0,545	FALSE
-0,100	0,294	-0,003	0,009	0,117	FALSE
0,053	0,295	0,000	0,010	0,012	FALSE
-0,005	0,277	-0,001	0,011	0,046	FALSE
-0,070	0,299	-0,002	0,008	0,097	FALSE
0,047	0,280	0,000	0,008	0,003	FALSE
-0,090	0,293	-0,002	0,013	0,059	FALSE
0,151	0,299	0,007	0,015	0,187	FALSE
-0,135	0,294	-0,008	0,016	0,222	FALSE
0,131	0,268	0,005	0,012	0,157	FALSE
0,147	0,278	0,005	0,014	0,140	FALSE
-0,012	0,277	0,001	0,009	0,037	FALSE
-0,090	0,275	-0,003	0,012	0,107	FALSE
-0,004	0,298	0,000	0,013	0,006	FALSE
0,076	0,310	0,002	0,011	0,070	FALSE
0,194	0,279	0,006	0,014	0,174	FALSE
0,011	0,294	0,001	0,008	0,029	FALSE
0,115	0,266	0,004	0,012	0,142	FALSE
0,145	0,262	0,005	0,011	0,183	FALSE
-0,078	0,294	-0,002	0,012	0,067	FALSE
-0,116	0,278	-0,003	0,014	0,093	FALSE
0,024	0,288	0,002	0,009	0,075	FALSE
-0,010	0,301	0,000	0,014	0,005	FALSE
0,095	0,292	0,003	0,012	0,103	FALSE

-0,134	0,286	-0,006	0,014	0,195	FALSE
0,085	0,295	0,003	0,015	0,072	FALSE
0,089	0,290	0,003	0,008	0,168	FALSE
-0,097	0,274	-0,003	0,008	0,126	FALSE
0,013	0,279	0,002	0,014	0,050	FALSE
0,004	0,284	0,001	0,013	0,039	FALSE
0,062	0,292	0,003	0,008	0,120	FALSE
-0,051	0,280	-0,002	0,007	0,111	FALSE
0,079	0,293	0,003	0,010	0,111	FALSE
-0,061	0,291	-0,003	0,010	0,124	FALSE
-0,090	0,281	-0,002	0,007	0,112	FALSE
0,019	0,290	-0,001	0,010	0,019	FALSE
0,150	0,293	0,006	0,011	0,248	FALSE
0,071	0,301	0,001	0,007	0,064	FALSE
-0,005	0,291	0,000	0,014	0,011	FALSE
-0,054	0,279	-0,001	0,007	0,077	FALSE
-0,012	0,287	-0,001	0,010	0,053	FALSE
0,122	0,283	0,005	0,008	0,260	FALSE
0,118	0,289	0,004	0,010	0,178	FALSE
-0,250	0,267	-0,008	0,011	0,320	FALSE
0,093	0,282	0,004	0,013	0,127	FALSE
0,184	0,279	0,008	0,015	0,244	FALSE
0,074	0,298	0,001	0,008	0,044	FALSE
-0,077	0,285	-0,003	0,014	0,088	FALSE
0,011	0,275	0,002	0,012	0,054	FALSE
-0,070	0,264	-0,003	0,009	0,127	FALSE
0,096	0,307	0,004	0,011	0,149	FALSE
-0,061	0,307	-0,001	0,012	0,032	FALSE
-0,234	0,276	-0,008	0,010	0,379	FALSE
0,055	0,273	-0,001	0,011	0,024	FALSE
-0,191	0,274	-0,005	0,008	0,273	FALSE
0,203	0,277	0,007	0,013	0,243	FALSE
-0,211	0,276	-0,010	0,015	0,308	FALSE
0,052	0,277	0,002	0,015	0,041	FALSE
-0,126	0,288	-0,003	0,010	0,122	FALSE
0,006	0,296	-0,001	0,008	0,053	FALSE
0,194	0,286	0,005	0,010	0,203	FALSE
-0,002	0,273	-0,002	0,008	0,116	FALSE
-0,217	0,272	-0,009	0,010	0,411	FALSE
-0,101	0,287	-0,003	0,014	0,085	FALSE
-0,014	0,272	-0,001	0,010	0,051	FALSE
0,039	0,286	0,001	0,010	0,029	FALSE
0,025	0,287	0,000	0,011	0,006	FALSE
-0,213	0,265	-0,006	0,015	0,175	FALSE
0,159	0,295	0,008	0,015	0,221	FALSE
-0,087	0,288	-0,001	0,008	0,031	FALSE
-0,045	0,273	0,000	0,008	0,010	FALSE
-0,139	0,293	-0,003	0,008	0,158	FALSE
0,115	0,275	0,003	0,010	0,096	FALSE
0,079	0,290	0,003	0,009	0,162	FALSE
0,125	0,288	0,003	0,013	0,098	FALSE
0,083	0,285	0,001	0,013	0,039	FALSE
0,056	0,294	0,001	0,014	0,028	FALSE

0,060	0,282	0,004	0,012	0,131	FALSE
0,152	0,273	0,005	0,012	0,164	FALSE
0,040	0,298	0,003	0,015	0,080	FALSE
0,012	0,285	0,002	0,015	0,046	FALSE
0,068	0,280	0,003	0,014	0,070	FALSE
-0,104	0,277	-0,003	0,012	0,114	FALSE
-0,073	0,295	-0,001	0,008	0,064	FALSE
0,122	0,276	0,005	0,011	0,207	FALSE
-0,003	0,307	-0,001	0,015	0,037	FALSE
-0,165	0,277	-0,008	0,013	0,252	FALSE
-0,097	0,278	-0,004	0,013	0,112	FALSE
0,105	0,282	0,003	0,014	0,091	FALSE
-0,098	0,289	-0,004	0,013	0,113	FALSE
-0,112	0,287	-0,005	0,013	0,146	FALSE
0,091	0,297	0,004	0,010	0,178	FALSE
-0,025	0,297	0,000	0,012	0,003	FALSE
0,043	0,306	0,002	0,012	0,066	FALSE
0,045	0,294	0,002	0,011	0,062	FALSE
0,100	0,278	0,001	0,008	0,050	FALSE
0,046	0,298	0,002	0,009	0,102	FALSE
-0,081	0,286	-0,005	0,012	0,159	FALSE
-0,177	0,280	-0,006	0,010	0,244	FALSE
0,110	0,286	0,005	0,012	0,176	FALSE
0,008	0,294	0,002	0,015	0,041	FALSE
0,007	0,283	0,001	0,010	0,042	FALSE
-0,088	0,292	-0,001	0,015	0,021	FALSE
0,091	0,286	0,006	0,015	0,176	FALSE
0,101	0,290	0,003	0,011	0,115	FALSE
0,112	0,286	0,006	0,010	0,275	FALSE
-0,059	0,285	-0,003	0,008	0,142	FALSE
-0,071	0,282	-0,003	0,008	0,168	FALSE
-0,057	0,286	-0,002	0,012	0,059	FALSE
0,088	0,280	0,003	0,008	0,152	FALSE
-0,065	0,297	-0,003	0,012	0,094	FALSE
0,042	0,297	0,001	0,015	0,033	FALSE
0,022	0,285	0,002	0,014	0,066	FALSE
0,040	0,276	0,004	0,013	0,106	FALSE
-0,043	0,282	0,000	0,007	0,004	FALSE
-0,035	0,270	0,001	0,013	0,033	FALSE
-0,100	0,294	-0,004	0,010	0,148	FALSE
0,152	0,297	0,006	0,012	0,197	FALSE
0,147	0,309	0,006	0,013	0,187	FALSE
0,274	0,279	0,011	0,014	0,377	FALSE
-0,121	0,286	-0,002	0,008	0,118	FALSE
0,245	0,296	0,007	0,009	0,370	FALSE
-0,007	0,284	0,000	0,010	0,016	FALSE
-0,018	0,275	0,000	0,007	0,010	FALSE
-0,038	0,280	0,000	0,013	0,001	FALSE
-0,048	0,279	-0,001	0,014	0,019	FALSE
0,041	0,283	0,002	0,013	0,064	FALSE
0,014	0,298	0,000	0,010	0,006	FALSE
0,043	0,295	0,001	0,011	0,044	FALSE
0,023	0,283	0,001	0,011	0,018	FALSE

0,101	0,298	0,002	0,014	0,061	FALSE
-0,186	0,284	-0,007	0,012	0,267	FALSE
0,155	0,281	0,002	0,008	0,122	FALSE
-0,127	0,276	-0,007	0,012	0,247	FALSE
0,013	0,286	-0,001	0,013	0,015	FALSE
0,039	0,298	0,003	0,014	0,074	FALSE
-0,068	0,277	-0,001	0,009	0,048	FALSE
-0,136	0,289	-0,004	0,009	0,157	FALSE
0,152	0,280	0,010	0,015	0,284	FALSE
-0,043	0,297	-0,003	0,008	0,138	FALSE
-0,007	0,301	0,002	0,015	0,037	FALSE
-0,073	0,291	-0,003	0,010	0,097	FALSE
0,052	0,292	0,004	0,015	0,108	FALSE
0,017	0,298	-0,001	0,014	0,023	FALSE
0,182	0,278	0,007	0,013	0,227	FALSE
-0,048	0,277	0,000	0,008	0,008	FALSE
0,152	0,277	0,005	0,009	0,230	FALSE
-0,059	0,289	-0,003	0,011	0,091	FALSE
-0,044	0,302	-0,001	0,009	0,035	FALSE
0,206	0,271	0,005	0,008	0,235	FALSE
-0,082	0,288	-0,003	0,012	0,090	FALSE
-0,172	0,290	-0,005	0,008	0,241	FALSE
-0,111	0,272	-0,006	0,010	0,264	FALSE
-0,165	0,288	-0,003	0,008	0,146	FALSE
0,067	0,298	0,002	0,008	0,084	FALSE
0,163	0,292	0,009	0,014	0,262	FALSE
0,214	0,275	0,005	0,009	0,255	FALSE
0,186	0,280	0,004	0,009	0,202	FALSE
-0,221	0,273	-0,006	0,010	0,299	FALSE
0,065	0,278	0,002	0,010	0,061	FALSE
0,052	0,285	0,001	0,010	0,046	FALSE
-0,074	0,275	-0,005	0,013	0,159	FALSE
0,005	0,273	-0,001	0,012	0,018	FALSE
-0,102	0,286	-0,002	0,013	0,054	FALSE
0,160	0,281	0,004	0,013	0,107	FALSE
-0,041	0,298	-0,002	0,010	0,066	FALSE
0,009	0,303	0,000	0,008	0,015	FALSE
-0,012	0,280	0,001	0,008	0,072	FALSE
-0,083	0,285	-0,003	0,010	0,145	FALSE
-0,041	0,299	0,000	0,008	0,006	FALSE
-0,104	0,286	-0,003	0,014	0,071	FALSE
0,200	0,277	0,006	0,012	0,236	FALSE
-0,051	0,281	-0,001	0,011	0,047	FALSE
0,053	0,293	0,004	0,013	0,118	FALSE
0,070	0,304	0,003	0,009	0,110	FALSE
-0,050	0,287	-0,005	0,014	0,125	FALSE
-0,049	0,276	-0,001	0,013	0,025	FALSE
0,048	0,291	0,002	0,014	0,060	FALSE
0,132	0,278	0,002	0,007	0,108	FALSE
0,093	0,284	0,004	0,007	0,203	FALSE
-0,065	0,296	-0,002	0,015	0,041	FALSE
0,254	0,262	0,010	0,013	0,354	FALSE
0,002	0,290	0,000	0,010	0,007	FALSE

-0,067	0,292	-0,003	0,014	0,076	FALSE
-0,081	0,294	-0,001	0,008	0,033	FALSE
-0,018	0,284	0,000	0,014	0,011	FALSE
0,033	0,288	0,001	0,012	0,019	FALSE
0,017	0,278	0,000	0,012	0,009	FALSE
0,056	0,291	0,002	0,011	0,066	FALSE
-0,028	0,271	-0,001	0,012	0,027	FALSE
-0,142	0,280	-0,005	0,014	0,153	FALSE
0,143	0,283	0,006	0,013	0,201	FALSE
-0,098	0,276	-0,004	0,014	0,117	FALSE
0,063	0,265	0,004	0,013	0,123	FALSE
0,004	0,299	0,000	0,009	0,012	FALSE
0,038	0,284	0,002	0,009	0,087	FALSE
-0,147	0,285	-0,004	0,013	0,123	FALSE
0,114	0,281	0,003	0,011	0,114	FALSE
0,039	0,296	0,004	0,015	0,096	FALSE
-0,009	0,293	-0,001	0,008	0,047	FALSE
0,056	0,276	0,003	0,009	0,119	FALSE
0,219	0,282	0,008	0,012	0,292	FALSE
0,140	0,296	0,003	0,008	0,140	FALSE
-0,082	0,283	-0,001	0,012	0,043	FALSE
-0,044	0,282	0,001	0,012	0,018	FALSE
0,059	0,262	0,003	0,009	0,113	FALSE
-0,125	0,278	-0,004	0,008	0,180	FALSE
0,020	0,276	-0,001	0,008	0,042	FALSE
0,195	0,277	0,005	0,009	0,234	FALSE
0,100	0,277	0,002	0,009	0,083	FALSE
0,216	0,287	0,008	0,012	0,307	FALSE
-0,095	0,294	-0,002	0,008	0,076	FALSE
-0,044	0,287	-0,002	0,010	0,066	FALSE
-0,006	0,289	0,001	0,012	0,016	FALSE
-0,123	0,277	-0,003	0,008	0,162	FALSE
0,002	0,291	0,001	0,011	0,026	FALSE
-0,179	0,265	-0,005	0,011	0,177	FALSE
-0,064	0,283	-0,001	0,007	0,046	FALSE
-0,048	0,285	-0,001	0,010	0,026	FALSE
-0,135	0,288	-0,004	0,011	0,124	FALSE
-0,056	0,292	-0,003	0,013	0,081	FALSE
0,160	0,273	0,005	0,011	0,188	FALSE
0,015	0,287	0,001	0,010	0,038	FALSE
0,008	0,291	-0,001	0,015	0,028	FALSE
-0,104	0,272	-0,004	0,009	0,158	FALSE
0,000	0,280	0,000	0,014	0,003	FALSE
-0,045	0,289	-0,003	0,013	0,088	FALSE
-0,070	0,288	-0,005	0,015	0,137	FALSE
-0,173	0,279	-0,007	0,011	0,291	FALSE
-0,025	0,282	0,000	0,009	0,015	FALSE
0,052	0,285	0,003	0,008	0,137	FALSE
0,146	0,272	0,006	0,014	0,164	FALSE
-0,106	0,272	-0,006	0,013	0,181	FALSE
0,068	0,273	0,001	0,010	0,053	FALSE
0,065	0,298	0,003	0,009	0,108	FALSE
-0,028	0,287	-0,002	0,013	0,047	FALSE

0,132	0,284	0,003	0,010	0,109	FALSE
-0,011	0,284	-0,001	0,013	0,027	FALSE
0,005	0,294	0,002	0,014	0,045	FALSE
0,076	0,289	0,004	0,012	0,126	FALSE
-0,152	0,290	-0,005	0,015	0,138	FALSE
0,016	0,278	0,001	0,012	0,041	FALSE
0,024	0,290	0,002	0,012	0,056	FALSE
0,002	0,292	0,001	0,012	0,039	FALSE
0,017	0,276	0,002	0,011	0,049	FALSE
-0,010	0,287	0,001	0,012	0,018	FALSE
0,042	0,281	0,003	0,011	0,100	FALSE
-0,034	0,288	-0,002	0,008	0,075	FALSE
0,145	0,283	0,004	0,011	0,156	FALSE
-0,071	0,278	-0,002	0,007	0,078	FALSE
0,020	0,297	0,001	0,010	0,044	FALSE
-0,083	0,279	-0,003	0,014	0,085	FALSE
-0,115	0,286	-0,003	0,008	0,152	FALSE
-0,091	0,279	-0,002	0,008	0,122	FALSE
-0,203	0,277	-0,011	0,015	0,362	FALSE
0,181	0,281	0,010	0,015	0,298	FALSE
-0,083	0,289	-0,005	0,012	0,158	FALSE
0,009	0,290	0,001	0,010	0,031	FALSE
-0,174	0,280	-0,004	0,010	0,183	FALSE
0,080	0,275	0,006	0,012	0,196	FALSE
0,054	0,296	0,001	0,015	0,017	FALSE
0,113	0,284	0,006	0,012	0,204	FALSE
0,037	0,286	0,002	0,009	0,081	FALSE
0,030	0,294	0,001	0,013	0,024	FALSE
-0,092	0,293	-0,002	0,010	0,068	FALSE
-0,100	0,286	-0,002	0,011	0,083	FALSE
-0,031	0,288	0,000	0,012	0,008	FALSE
-0,044	0,280	0,000	0,010	0,017	FALSE
0,027	0,290	0,000	0,013	0,004	FALSE
0,011	0,295	0,002	0,014	0,045	FALSE
-0,072	0,294	-0,002	0,013	0,052	FALSE
0,144	0,281	0,003	0,008	0,173	FALSE
0,024	0,292	-0,001	0,008	0,025	FALSE
0,029	0,283	0,002	0,013	0,043	FALSE
0,058	0,261	0,001	0,010	0,026	FALSE
0,063	0,280	0,002	0,008	0,105	FALSE
0,020	0,291	0,001	0,014	0,013	FALSE
0,159	0,300	0,005	0,012	0,177	FALSE
-0,180	0,281	-0,006	0,013	0,185	FALSE
0,037	0,304	0,002	0,008	0,078	FALSE
0,057	0,286	0,001	0,014	0,038	FALSE
0,046	0,287	0,001	0,014	0,013	FALSE
0,117	0,293	0,006	0,011	0,224	FALSE
0,011	0,283	0,000	0,007	0,005	FALSE
-0,159	0,295	-0,004	0,009	0,179	FALSE
0,049	0,276	0,000	0,009	0,014	FALSE
-0,046	0,290	-0,003	0,014	0,064	FALSE
-0,089	0,283	-0,004	0,014	0,100	FALSE
0,120	0,284	0,003	0,009	0,148	FALSE

-0,116	0,273	-0,006	0,010	0,258	FALSE
-0,091	0,286	-0,002	0,009	0,096	FALSE
0,032	0,285	0,002	0,014	0,063	FALSE
-0,023	0,285	-0,001	0,009	0,036	FALSE
0,100	0,297	0,002	0,010	0,098	FALSE
-0,053	0,285	-0,001	0,010	0,051	FALSE
-0,087	0,306	-0,004	0,015	0,109	FALSE
0,073	0,282	0,001	0,008	0,065	FALSE
-0,182	0,303	-0,006	0,010	0,291	FALSE
-0,048	0,287	-0,001	0,008	0,043	FALSE
0,022	0,302	0,001	0,008	0,071	FALSE
0,014	0,293	0,002	0,013	0,047	FALSE
0,137	0,287	0,006	0,011	0,245	FALSE
-0,156	0,286	-0,006	0,012	0,213	FALSE
0,170	0,270	0,007	0,013	0,226	FALSE
0,200	0,279	0,009	0,014	0,280	FALSE
0,158	0,275	0,003	0,007	0,193	FALSE
-0,033	0,286	-0,001	0,008	0,040	FALSE
-0,037	0,281	-0,004	0,013	0,111	FALSE
-0,068	0,288	-0,003	0,010	0,123	FALSE
-0,035	0,287	0,000	0,014	0,004	FALSE
0,019	0,294	0,001	0,008	0,040	FALSE
-0,171	0,285	-0,009	0,014	0,287	FALSE
0,056	0,276	0,001	0,008	0,061	FALSE
-0,095	0,277	-0,003	0,011	0,095	FALSE
0,018	0,292	0,001	0,012	0,019	FALSE
0,013	0,287	0,000	0,007	0,009	FALSE
0,035	0,284	0,001	0,010	0,027	FALSE
-0,066	0,282	-0,002	0,009	0,074	FALSE
-0,063	0,296	-0,001	0,009	0,047	FALSE
0,098	0,294	0,003	0,011	0,129	FALSE
0,134	0,282	0,003	0,011	0,097	FALSE
0,143	0,273	0,004	0,010	0,134	FALSE
0,118	0,285	0,002	0,010	0,087	FALSE
-0,014	0,286	0,000	0,011	0,008	FALSE
-0,017	0,303	0,000	0,010	0,003	FALSE
-0,075	0,288	-0,001	0,011	0,043	FALSE
0,033	0,290	0,000	0,011	0,013	FALSE
-0,027	0,291	0,000	0,015	0,005	FALSE
0,123	0,277	0,006	0,013	0,190	FALSE
-0,125	0,288	-0,005	0,012	0,165	FALSE
0,100	0,290	0,005	0,014	0,125	FALSE
0,029	0,291	0,000	0,009	0,017	FALSE
0,033	0,288	0,001	0,008	0,066	FALSE
-0,078	0,275	-0,005	0,014	0,130	FALSE
-0,032	0,292	-0,003	0,014	0,067	FALSE
-0,219	0,279	-0,007	0,009	0,369	FALSE
-0,082	0,290	-0,001	0,010	0,050	FALSE
0,150	0,272	0,004	0,013	0,112	FALSE
-0,056	0,287	-0,002	0,010	0,086	FALSE
0,004	0,292	0,001	0,009	0,021	FALSE
0,110	0,283	0,003	0,010	0,111	FALSE
0,018	0,281	0,000	0,009	0,011	FALSE

0,095	0,266	0,003	0,010	0,093	FALSE
0,137	0,291	0,004	0,010	0,146	FALSE
0,016	0,291	-0,002	0,008	0,074	FALSE
-0,016	0,290	0,000	0,009	0,013	FALSE
-0,041	0,277	-0,001	0,013	0,040	FALSE
0,111	0,285	0,003	0,007	0,139	FALSE
0,090	0,287	0,002	0,015	0,052	FALSE
-0,038	0,278	-0,002	0,008	0,071	FALSE
-0,018	0,302	0,001	0,008	0,035	FALSE
0,191	0,279	0,004	0,008	0,243	FALSE
0,037	0,308	0,002	0,010	0,065	FALSE
0,212	0,269	0,010	0,015	0,303	FALSE
0,025	0,281	0,000	0,009	0,016	FALSE
-0,203	0,285	-0,010	0,014	0,327	FALSE
-0,008	0,295	0,000	0,011	0,015	FALSE
-0,187	0,263	-0,008	0,011	0,323	FALSE
0,082	0,294	0,004	0,008	0,196	FALSE
0,012	0,284	0,004	0,013	0,107	FALSE
0,028	0,299	0,004	0,014	0,123	FALSE
0,008	0,288	0,004	0,014	0,098	FALSE
0,011	0,287	0,004	0,014	0,109	FALSE
0,005	0,281	0,004	0,013	0,104	FALSE
0,028	0,282	0,006	0,014	0,157	FALSE
0,082	0,286	0,004	0,011	0,143	FALSE
0,129	0,295	0,007	0,015	0,187	FALSE
-0,131	0,280	-0,003	0,009	0,155	FALSE
-0,177	0,281	-0,006	0,014	0,168	FALSE
-0,079	0,287	-0,001	0,012	0,029	FALSE
0,098	0,284	0,003	0,011	0,110	FALSE
0,016	0,288	0,000	0,011	0,007	FALSE
0,017	0,286	0,000	0,009	0,007	FALSE
0,000	0,295	0,001	0,008	0,071	FALSE
0,030	0,285	0,000	0,009	0,003	FALSE
0,091	0,287	0,001	0,009	0,053	FALSE
-0,052	0,273	-0,003	0,008	0,134	FALSE
0,161	0,284	0,004	0,012	0,142	FALSE
0,240	0,282	0,011	0,015	0,332	FALSE
0,094	0,277	0,004	0,012	0,125	FALSE
-0,075	0,285	-0,003	0,012	0,109	FALSE
0,197	0,292	0,010	0,014	0,322	FALSE
0,170	0,271	0,008	0,013	0,283	FALSE
-0,125	0,288	-0,007	0,015	0,177	FALSE
-0,009	0,281	0,000	0,011	0,012	FALSE
-0,014	0,282	0,000	0,010	0,011	FALSE
-0,023	0,282	-0,002	0,014	0,056	FALSE
-0,117	0,281	-0,002	0,013	0,058	FALSE
-0,150	0,294	-0,003	0,007	0,170	FALSE
-0,154	0,282	-0,003	0,007	0,163	FALSE
-0,073	0,293	-0,004	0,011	0,147	FALSE
-0,065	0,286	-0,002	0,010	0,056	FALSE
0,181	0,289	0,007	0,015	0,206	FALSE
-0,052	0,299	-0,001	0,011	0,042	FALSE
0,159	0,280	0,003	0,008	0,125	FALSE

-0,051	0,287	-0,002	0,010	0,060	FALSE
-0,017	0,285	-0,002	0,015	0,057	FALSE
0,055	0,294	0,002	0,009	0,067	FALSE
-0,050	0,287	-0,001	0,008	0,036	FALSE
0,148	0,288	0,005	0,010	0,199	FALSE
-0,264	0,268	-0,011	0,014	0,350	FALSE
-0,252	0,272	-0,010	0,013	0,334	FALSE
-0,164	0,286	-0,006	0,010	0,251	FALSE
0,005	0,297	-0,002	0,012	0,050	FALSE
-0,057	0,288	-0,001	0,007	0,036	FALSE
0,240	0,291	0,005	0,008	0,272	FALSE
-0,169	0,284	-0,006	0,011	0,220	FALSE
-0,175	0,287	-0,006	0,012	0,216	FALSE
-0,162	0,297	-0,005	0,011	0,185	FALSE
-0,145	0,288	-0,005	0,011	0,166	FALSE
-0,129	0,285	-0,006	0,010	0,249	FALSE
-0,123	0,284	-0,005	0,010	0,243	FALSE
0,140	0,283	0,004	0,011	0,152	FALSE
-0,143	0,283	-0,004	0,013	0,114	FALSE
-0,102	0,277	-0,002	0,010	0,084	FALSE
0,166	0,269	0,011	0,014	0,350	FALSE
0,027	0,281	0,003	0,012	0,093	FALSE
-0,023	0,274	-0,002	0,015	0,044	FALSE
0,072	0,284	0,005	0,014	0,130	FALSE
-0,262	0,269	-0,009	0,010	0,394	FALSE
0,096	0,278	0,003	0,008	0,121	FALSE
0,169	0,285	0,006	0,010	0,286	FALSE
-0,027	0,289	-0,001	0,011	0,032	FALSE
-0,098	0,285	-0,003	0,014	0,078	FALSE
-0,062	0,296	0,000	0,010	0,011	FALSE
0,032	0,278	0,002	0,016	0,050	FALSE
0,012	0,254	0,001	0,014	0,017	FALSE
-0,048	0,302	-0,004	0,011	0,128	FALSE
-0,018	0,289	0,000	0,010	0,013	FALSE
-0,109	0,290	-0,002	0,008	0,106	FALSE
0,014	0,286	-0,001	0,012	0,018	FALSE
-0,076	0,289	0,000	0,009	0,005	FALSE
-0,022	0,274	0,001	0,014	0,038	FALSE
-0,005	0,280	-0,002	0,008	0,095	FALSE
0,125	0,283	0,007	0,015	0,209	FALSE
0,059	0,281	0,000	0,007	0,000	FALSE
0,125	0,283	0,003	0,008	0,154	FALSE
-0,036	0,280	-0,001	0,012	0,039	FALSE
-0,034	0,299	0,000	0,009	0,013	FALSE
0,055	0,286	0,000	0,008	0,022	FALSE
0,104	0,284	0,007	0,013	0,219	FALSE
0,097	0,292	0,003	0,008	0,142	FALSE
-0,112	0,278	-0,003	0,011	0,110	FALSE
0,106	0,275	0,001	0,007	0,028	FALSE
0,134	0,279	0,004	0,011	0,121	FALSE
-0,051	0,293	-0,003	0,011	0,086	FALSE
0,083	0,290	0,002	0,008	0,073	FALSE
0,040	0,288	0,000	0,008	0,014	FALSE

-0,016	0,282	0,000	0,011	0,014	FALSE
0,085	0,296	0,005	0,014	0,131	FALSE
-0,149	0,294	-0,002	0,007	0,137	FALSE
0,080	0,284	0,004	0,012	0,117	FALSE
0,095	0,286	0,003	0,008	0,148	FALSE
-0,062	0,302	-0,002	0,011	0,050	FALSE
0,026	0,288	0,002	0,007	0,087	FALSE
0,088	0,285	0,004	0,014	0,111	FALSE
0,142	0,294	0,003	0,009	0,113	FALSE
0,149	0,289	0,003	0,008	0,118	FALSE
0,139	0,285	0,003	0,008	0,174	FALSE
-0,095	0,287	-0,004	0,013	0,113	FALSE
-0,138	0,283	-0,006	0,014	0,176	FALSE
-0,135	0,277	-0,006	0,013	0,190	FALSE
-0,087	0,288	-0,003	0,014	0,086	FALSE
-0,117	0,274	-0,005	0,013	0,150	FALSE
-0,022	0,291	0,000	0,014	0,006	FALSE
-0,051	0,302	0,000	0,010	0,001	FALSE
0,098	0,287	0,003	0,013	0,099	FALSE
-0,025	0,292	0,000	0,009	0,005	FALSE
-0,028	0,278	-0,003	0,012	0,089	FALSE
-0,036	0,286	-0,003	0,013	0,106	FALSE
-0,008	0,279	0,001	0,013	0,028	FALSE
0,032	0,292	-0,001	0,010	0,020	FALSE
0,002	0,286	0,000	0,008	0,021	FALSE
-0,006	0,283	-0,001	0,009	0,027	FALSE
0,070	0,291	0,002	0,010	0,068	FALSE
-0,074	0,286	-0,003	0,015	0,080	FALSE
0,128	0,279	0,005	0,013	0,145	FALSE
0,081	0,294	0,002	0,008	0,104	FALSE
0,088	0,278	0,002	0,008	0,071	FALSE
-0,071	0,289	-0,003	0,013	0,073	FALSE
-0,110	0,301	-0,003	0,014	0,089	FALSE
0,068	0,276	0,000	0,009	0,013	FALSE
0,038	0,287	0,001	0,012	0,018	FALSE
-0,212	0,283	-0,004	0,008	0,218	FALSE
0,043	0,291	0,001	0,010	0,045	FALSE
0,105	0,289	0,002	0,009	0,089	FALSE
0,017	0,276	-0,003	0,014	0,081	FALSE
-0,063	0,297	0,000	0,014	0,009	FALSE
-0,027	0,294	0,000	0,009	0,008	FALSE
-0,211	0,264	-0,008	0,010	0,371	FALSE
0,007	0,278	0,002	0,011	0,064	FALSE
0,022	0,286	0,000	0,008	0,009	FALSE
-0,134	0,283	-0,003	0,009	0,117	FALSE
0,135	0,292	0,005	0,014	0,147	FALSE
0,039	0,286	-0,002	0,009	0,065	FALSE
-0,214	0,295	-0,005	0,008	0,261	FALSE
0,004	0,289	-0,001	0,010	0,047	FALSE
-0,057	0,285	0,000	0,013	0,002	FALSE
-0,119	0,287	-0,005	0,011	0,199	FALSE
0,273	0,276	0,010	0,012	0,382	FALSE
-0,067	0,292	-0,002	0,009	0,099	FALSE

-0,064	0,284	-0,002	0,008	0,084	FALSE
0,041	0,294	-0,001	0,013	0,024	FALSE
0,044	0,285	0,002	0,008	0,079	FALSE
-0,097	0,284	-0,001	0,008	0,038	FALSE
-0,133	0,287	-0,003	0,008	0,156	FALSE
0,150	0,282	0,005	0,011	0,206	FALSE
0,143	0,287	0,005	0,011	0,198	FALSE
-0,219	0,276	-0,008	0,012	0,288	FALSE
0,082	0,279	0,002	0,008	0,078	FALSE
-0,034	0,293	-0,001	0,009	0,040	FALSE
0,022	0,294	0,003	0,008	0,124	FALSE
-0,100	0,288	-0,003	0,010	0,101	FALSE
-0,067	0,266	-0,002	0,010	0,092	FALSE
0,057	0,291	0,003	0,015	0,073	FALSE
0,042	0,285	0,000	0,011	0,016	FALSE
-0,048	0,266	-0,003	0,014	0,069	FALSE
0,025	0,291	0,000	0,008	0,023	FALSE
-0,112	0,285	-0,002	0,010	0,084	FALSE
0,053	0,292	0,000	0,009	0,006	FALSE
-0,079	0,285	-0,001	0,009	0,060	FALSE
-0,136	0,272	-0,002	0,011	0,054	FALSE
-0,143	0,278	-0,003	0,014	0,084	FALSE
-0,162	0,272	-0,003	0,012	0,088	FALSE
-0,158	0,280	-0,003	0,011	0,099	FALSE
-0,209	0,273	-0,006	0,012	0,198	FALSE
-0,142	0,266	-0,003	0,014	0,090	FALSE
-0,120	0,282	-0,002	0,014	0,058	FALSE
-0,166	0,279	-0,005	0,014	0,142	FALSE
0,073	0,293	0,004	0,011	0,150	FALSE
0,024	0,278	0,002	0,014	0,061	FALSE
0,019	0,275	0,000	0,010	0,006	FALSE
0,092	0,290	0,002	0,009	0,103	FALSE
0,084	0,291	0,002	0,008	0,108	FALSE
0,088	0,291	0,003	0,010	0,117	FALSE
0,007	0,295	-0,001	0,015	0,019	FALSE
0,040	0,296	0,000	0,014	0,002	FALSE
-0,026	0,284	0,001	0,008	0,035	FALSE
-0,058	0,284	-0,003	0,013	0,079	FALSE
-0,044	0,284	-0,002	0,010	0,059	FALSE
0,075	0,286	0,001	0,013	0,024	FALSE
-0,059	0,292	-0,001	0,011	0,045	FALSE
0,071	0,275	0,003	0,010	0,099	FALSE
-0,080	0,287	-0,002	0,008	0,083	FALSE
-0,082	0,287	-0,002	0,010	0,076	FALSE
0,196	0,289	0,006	0,011	0,221	FALSE
0,071	0,278	0,003	0,010	0,107	FALSE
-0,061	0,284	-0,002	0,015	0,057	FALSE
0,003	0,280	-0,002	0,010	0,083	FALSE
0,123	0,288	0,002	0,015	0,062	FALSE
-0,094	0,279	-0,004	0,013	0,139	FALSE
-0,047	0,300	-0,001	0,008	0,070	FALSE
-0,095	0,286	-0,001	0,009	0,046	FALSE
0,022	0,291	0,002	0,012	0,073	FALSE

0,032	0,299	0,003	0,013	0,072	FALSE
0,084	0,278	0,003	0,014	0,086	FALSE
-0,049	0,279	0,002	0,010	0,060	FALSE
0,040	0,285	0,003	0,015	0,069	FALSE
0,170	0,278	0,007	0,015	0,191	FALSE
0,171	0,287	0,005	0,007	0,268	FALSE
0,135	0,281	0,002	0,010	0,088	FALSE
0,136	0,278	0,004	0,012	0,118	FALSE
-0,031	0,276	-0,001	0,010	0,036	FALSE
-0,059	0,292	-0,001	0,008	0,052	FALSE
0,030	0,296	0,001	0,008	0,045	FALSE
-0,127	0,279	-0,005	0,011	0,186	FALSE
0,044	0,281	0,000	0,007	0,005	FALSE
0,028	0,292	0,003	0,008	0,116	FALSE
0,040	0,278	0,001	0,007	0,059	FALSE
0,010	0,288	0,001	0,011	0,018	FALSE
-0,024	0,276	0,001	0,014	0,021	FALSE
-0,219	0,280	-0,007	0,010	0,305	FALSE
-0,034	0,285	-0,001	0,007	0,074	FALSE
0,001	0,285	0,001	0,014	0,035	FALSE
0,108	0,292	0,004	0,009	0,191	FALSE
-0,153	0,257	-0,004	0,014	0,103	FALSE
-0,069	0,274	0,000	0,012	0,010	FALSE
-0,146	0,292	-0,003	0,011	0,103	FALSE
0,009	0,299	0,001	0,015	0,018	FALSE
0,139	0,284	0,004	0,011	0,149	FALSE
-0,018	0,293	-0,003	0,015	0,083	FALSE
0,120	0,280	0,002	0,007	0,085	FALSE
0,090	0,270	0,005	0,014	0,141	FALSE
0,199	0,289	0,005	0,008	0,255	FALSE
-0,055	0,274	-0,001	0,013	0,019	FALSE
-0,125	0,302	-0,002	0,010	0,083	FALSE
-0,023	0,295	-0,002	0,013	0,058	FALSE
-0,014	0,297	0,001	0,007	0,041	FALSE
-0,001	0,303	0,001	0,016	0,016	FALSE
-0,091	0,284	-0,002	0,009	0,083	FALSE
0,041	0,283	0,000	0,008	0,004	FALSE
-0,170	0,298	-0,004	0,008	0,187	FALSE
-0,025	0,284	0,000	0,007	0,004	FALSE
-0,177	0,286	-0,007	0,015	0,182	FALSE
-0,153	0,278	-0,006	0,014	0,156	FALSE
0,049	0,285	0,000	0,008	0,001	FALSE
0,035	0,282	0,000	0,008	0,016	FALSE
0,115	0,291	0,005	0,009	0,241	FALSE
0,107	0,293	0,005	0,009	0,207	FALSE
0,161	0,291	0,009	0,013	0,295	FALSE
0,116	0,282	0,007	0,013	0,222	FALSE
-0,004	0,282	0,001	0,013	0,043	FALSE
-0,123	0,285	-0,003	0,009	0,132	FALSE
0,024	0,285	0,000	0,009	0,018	FALSE
-0,007	0,299	0,001	0,008	0,029	FALSE
0,033	0,292	0,003	0,015	0,069	FALSE
-0,007	0,278	0,001	0,013	0,018	FALSE

0,134	0,289	0,006	0,014	0,171	FALSE
-0,111	0,286	-0,004	0,011	0,148	FALSE
0,020	0,288	0,001	0,009	0,041	FALSE
-0,018	0,263	-0,002	0,008	0,074	FALSE
-0,033	0,297	-0,003	0,013	0,085	FALSE
-0,004	0,275	-0,001	0,009	0,022	FALSE
-0,105	0,281	-0,006	0,012	0,190	FALSE
-0,275	0,273	-0,008	0,010	0,356	FALSE
0,025	0,278	0,003	0,011	0,111	FALSE
0,037	0,283	0,000	0,014	0,000	FALSE
-0,029	0,284	-0,002	0,009	0,069	FALSE
-0,030	0,282	0,002	0,012	0,055	FALSE
-0,032	0,290	-0,001	0,007	0,048	FALSE
-0,089	0,282	-0,001	0,009	0,043	FALSE
-0,027	0,284	-0,001	0,008	0,036	FALSE
-0,004	0,291	0,002	0,015	0,053	FALSE
0,011	0,289	0,001	0,008	0,035	FALSE
-0,034	0,296	-0,001	0,010	0,043	FALSE
0,076	0,271	0,000	0,008	0,016	FALSE
0,090	0,285	0,004	0,010	0,166	FALSE
0,131	0,292	0,002	0,010	0,077	FALSE
-0,203	0,275	-0,010	0,013	0,328	FALSE
-0,166	0,278	-0,008	0,013	0,273	FALSE
-0,231	0,274	-0,006	0,010	0,267	FALSE
-0,153	0,284	-0,004	0,010	0,138	FALSE
0,131	0,284	0,006	0,014	0,172	FALSE
-0,291	0,256	-0,010	0,013	0,361	FALSE
-0,065	0,289	-0,001	0,007	0,047	FALSE
-0,069	0,270	-0,001	0,007	0,052	FALSE
-0,050	0,289	0,000	0,008	0,023	FALSE
-0,083	0,295	-0,001	0,008	0,059	FALSE
-0,019	0,273	0,000	0,007	0,010	FALSE
0,223	0,283	0,005	0,007	0,281	FALSE
-0,137	0,294	-0,003	0,009	0,136	FALSE
-0,137	0,284	-0,003	0,007	0,188	FALSE
0,038	0,282	0,002	0,014	0,055	FALSE
-0,002	0,295	0,001	0,011	0,029	FALSE
0,026	0,282	0,001	0,014	0,034	FALSE
-0,072	0,281	-0,003	0,013	0,082	FALSE
0,001	0,309	-0,001	0,015	0,017	FALSE
-0,053	0,281	-0,001	0,011	0,021	FALSE
0,047	0,291	0,001	0,009	0,022	FALSE
-0,031	0,285	-0,001	0,009	0,048	FALSE
0,058	0,286	0,002	0,014	0,055	FALSE
0,256	0,274	0,006	0,009	0,303	FALSE
-0,055	0,271	-0,001	0,014	0,030	FALSE
0,191	0,261	0,009	0,014	0,292	FALSE
-0,101	0,308	-0,002	0,009	0,080	FALSE
0,067	0,281	0,001	0,009	0,022	FALSE
-0,067	0,288	-0,002	0,008	0,110	FALSE
0,163	0,287	0,007	0,014	0,203	FALSE
0,135	0,289	0,006	0,014	0,170	FALSE
-0,069	0,290	-0,002	0,008	0,077	FALSE

0,062	0,288	0,001	0,008	0,049	FALSE
-0,124	0,286	-0,006	0,011	0,227	FALSE
0,132	0,288	0,004	0,008	0,199	FALSE
0,147	0,285	0,005	0,011	0,184	FALSE
0,045	0,291	0,002	0,014	0,044	FALSE
-0,028	0,282	-0,002	0,012	0,064	FALSE
0,061	0,284	-0,001	0,010	0,020	FALSE
-0,005	0,288	0,001	0,010	0,052	FALSE
-0,084	0,283	-0,002	0,007	0,126	FALSE
0,199	0,286	0,008	0,015	0,219	FALSE
-0,309	0,265	-0,011	0,011	0,485	FALSE
-0,236	0,274	-0,011	0,015	0,338	FALSE
-0,254	0,288	-0,011	0,015	0,358	FALSE
-0,087	0,280	-0,004	0,010	0,155	FALSE
-0,145	0,286	-0,003	0,008	0,180	FALSE
-0,056	0,292	-0,002	0,008	0,123	FALSE
-0,029	0,297	-0,002	0,014	0,041	FALSE
-0,027	0,281	-0,002	0,013	0,041	FALSE
-0,014	0,286	-0,001	0,014	0,026	FALSE
-0,051	0,282	-0,003	0,013	0,095	FALSE
-0,047	0,291	-0,005	0,013	0,166	FALSE
-0,154	0,285	-0,006	0,011	0,240	FALSE
-0,185	0,264	-0,005	0,009	0,251	FALSE
-0,081	0,283	-0,002	0,008	0,103	FALSE
-0,084	0,285	-0,004	0,011	0,171	FALSE
-0,074	0,280	-0,004	0,010	0,171	FALSE
0,052	0,278	-0,002	0,014	0,039	FALSE
0,092	0,285	0,001	0,014	0,021	FALSE
0,092	0,293	0,001	0,014	0,023	FALSE
-0,055	0,281	-0,001	0,010	0,051	FALSE
0,058	0,291	0,001	0,009	0,060	FALSE
0,169	0,285	0,002	0,007	0,122	FALSE
0,077	0,280	0,000	0,008	0,007	FALSE
-0,197	0,284	-0,005	0,010	0,227	FALSE
-0,181	0,276	-0,005	0,008	0,274	FALSE
0,005	0,289	0,000	0,009	0,005	FALSE
0,112	0,302	0,003	0,008	0,138	FALSE
0,050	0,293	0,004	0,015	0,097	FALSE
-0,112	0,281	-0,001	0,010	0,049	FALSE
0,013	0,273	-0,001	0,008	0,054	FALSE
-0,103	0,278	-0,004	0,014	0,110	FALSE
0,119	0,274	0,003	0,010	0,129	FALSE
-0,147	0,279	-0,008	0,015	0,239	FALSE
0,012	0,283	0,000	0,007	0,007	FALSE
0,045	0,291	0,001	0,008	0,025	FALSE
-0,044	0,288	0,000	0,012	0,013	FALSE
0,027	0,291	0,003	0,012	0,079	FALSE
-0,029	0,289	0,001	0,012	0,040	FALSE
-0,007	0,278	0,002	0,011	0,051	FALSE
0,059	0,289	0,004	0,012	0,126	FALSE
0,140	0,280	0,004	0,010	0,162	FALSE
0,048	0,291	0,003	0,014	0,090	FALSE
0,072	0,285	0,004	0,015	0,120	FALSE

-0,172	0,282	-0,007	0,013	0,214	FALSE
-0,023	0,283	-0,002	0,014	0,048	FALSE
-0,069	0,283	0,000	0,008	0,015	FALSE
-0,005	0,272	-0,001	0,014	0,019	FALSE
-0,018	0,282	-0,004	0,014	0,111	FALSE
0,012	0,280	-0,001	0,015	0,021	FALSE
0,027	0,293	0,000	0,014	0,005	FALSE
-0,044	0,277	0,000	0,008	0,005	FALSE
-0,053	0,284	-0,002	0,010	0,097	FALSE
-0,099	0,291	-0,004	0,011	0,160	FALSE
0,104	0,281	0,004	0,009	0,182	FALSE
-0,136	0,294	-0,008	0,015	0,249	FALSE
0,053	0,288	0,002	0,009	0,088	FALSE
-0,017	0,290	-0,001	0,015	0,021	FALSE
0,101	0,280	0,005	0,013	0,171	FALSE
-0,099	0,297	-0,003	0,007	0,146	FALSE
-0,105	0,288	-0,003	0,008	0,132	FALSE
-0,094	0,277	-0,002	0,009	0,107	FALSE
-0,023	0,275	0,001	0,007	0,024	FALSE
0,176	0,290	0,005	0,009	0,262	FALSE
0,100	0,280	0,002	0,009	0,101	FALSE
0,045	0,296	0,000	0,014	0,005	FALSE
-0,056	0,286	-0,002	0,008	0,068	FALSE
-0,060	0,287	-0,002	0,008	0,086	FALSE
-0,010	0,282	0,000	0,008	0,007	FALSE
-0,073	0,284	-0,004	0,015	0,100	FALSE
-0,118	0,286	-0,005	0,010	0,206	FALSE
0,049	0,282	-0,001	0,010	0,022	FALSE
0,095	0,290	0,003	0,011	0,104	FALSE
-0,117	0,284	-0,007	0,014	0,221	FALSE
0,022	0,273	0,000	0,013	0,010	FALSE
0,134	0,285	0,002	0,008	0,102	FALSE
-0,022	0,299	-0,001	0,008	0,063	FALSE
0,029	0,296	0,001	0,010	0,024	FALSE
0,065	0,287	0,000	0,009	0,008	FALSE
-0,027	0,278	-0,003	0,011	0,090	FALSE
-0,226	0,271	-0,009	0,012	0,322	FALSE
0,009	0,286	0,000	0,008	0,017	FALSE
0,124	0,297	0,010	0,015	0,283	FALSE
0,170	0,281	0,005	0,012	0,152	FALSE
0,068	0,282	0,002	0,009	0,090	FALSE
0,113	0,274	0,003	0,009	0,116	FALSE
0,140	0,277	0,003	0,008	0,159	FALSE
-0,137	0,283	-0,003	0,009	0,153	FALSE
0,050	0,276	-0,001	0,008	0,039	FALSE
0,190	0,285	0,005	0,008	0,263	FALSE
-0,030	0,296	-0,001	0,011	0,033	FALSE
-0,049	0,289	-0,001	0,014	0,019	FALSE
-0,083	0,284	-0,004	0,015	0,101	FALSE
0,101	0,286	0,004	0,013	0,123	FALSE
-0,020	0,280	0,001	0,011	0,027	FALSE
0,023	0,281	0,002	0,009	0,077	FALSE
0,040	0,294	0,000	0,015	0,011	FALSE

0,213	0,291	0,005	0,009	0,246	FALSE
-0,043	0,296	-0,001	0,012	0,044	FALSE
0,044	0,291	0,001	0,010	0,050	FALSE
0,104	0,286	0,004	0,011	0,149	FALSE
-0,176	0,270	-0,008	0,015	0,226	FALSE
0,153	0,265	0,007	0,015	0,204	FALSE
0,202	0,272	0,007	0,010	0,325	FALSE
-0,021	0,282	-0,001	0,008	0,028	FALSE
-0,030	0,286	0,000	0,009	0,018	FALSE
0,014	0,294	0,000	0,014	0,002	FALSE
-0,023	0,283	0,001	0,009	0,021	FALSE
-0,122	0,291	-0,003	0,009	0,124	FALSE
0,102	0,292	0,002	0,008	0,106	FALSE
-0,030	0,292	0,000	0,009	0,014	FALSE
0,060	0,299	0,001	0,015	0,015	FALSE
0,076	0,287	0,002	0,014	0,051	FALSE
0,052	0,286	0,001	0,014	0,027	FALSE
0,027	0,300	0,000	0,012	0,013	FALSE
0,198	0,286	0,005	0,009	0,250	FALSE
0,099	0,278	0,003	0,008	0,142	FALSE
-0,027	0,283	-0,002	0,007	0,101	FALSE
0,017	0,277	-0,001	0,011	0,026	FALSE
0,106	0,289	0,003	0,014	0,077	FALSE
0,119	0,263	0,007	0,014	0,214	FALSE
0,035	0,285	0,000	0,010	0,012	FALSE
-0,107	0,285	-0,004	0,014	0,126	FALSE
0,118	0,290	0,004	0,010	0,149	FALSE
-0,169	0,275	-0,006	0,013	0,183	FALSE
0,022	0,286	0,000	0,007	0,009	FALSE
-0,067	0,276	-0,002	0,008	0,093	FALSE
0,012	0,270	0,000	0,009	0,009	FALSE
0,017	0,286	0,002	0,009	0,079	FALSE
0,087	0,309	0,004	0,009	0,179	FALSE
0,010	0,302	0,002	0,015	0,049	FALSE
0,108	0,293	0,005	0,010	0,197	FALSE
-0,064	0,281	-0,002	0,012	0,063	FALSE
-0,048	0,287	0,000	0,009	0,007	FALSE
-0,022	0,300	-0,001	0,015	0,033	FALSE
-0,001	0,305	0,000	0,015	0,007	FALSE
-0,015	0,287	-0,001	0,015	0,025	FALSE
-0,084	0,284	-0,002	0,011	0,063	FALSE
0,010	0,296	0,000	0,015	0,004	FALSE
0,191	0,284	0,007	0,012	0,235	FALSE
0,057	0,272	0,002	0,008	0,081	FALSE
-0,013	0,279	-0,002	0,008	0,091	FALSE
0,020	0,286	0,003	0,014	0,088	FALSE
0,049	0,305	0,002	0,008	0,118	TRUE
0,117	0,278	0,004	0,014	0,118	FALSE
-0,021	0,291	0,000	0,011	0,014	FALSE
0,042	0,297	0,001	0,008	0,049	FALSE
-0,031	0,284	-0,002	0,011	0,054	FALSE
-0,151	0,290	-0,005	0,015	0,138	FALSE
0,108	0,289	0,003	0,010	0,124	FALSE

-0,196	0,271	-0,006	0,008	0,328	FALSE
-0,085	0,282	-0,001	0,009	0,053	FALSE
0,124	0,282	0,004	0,011	0,159	FALSE
-0,023	0,272	-0,003	0,009	0,126	FALSE
0,035	0,291	0,001	0,014	0,019	FALSE
0,019	0,293	0,000	0,015	0,002	FALSE
-0,075	0,264	-0,002	0,009	0,104	FALSE
-0,051	0,279	-0,001	0,008	0,044	FALSE
0,011	0,299	0,001	0,009	0,037	FALSE
0,051	0,281	0,003	0,014	0,072	FALSE
0,074	0,285	0,004	0,015	0,099	FALSE
-0,142	0,291	-0,004	0,011	0,135	FALSE
-0,030	0,302	-0,002	0,011	0,081	FALSE
-0,090	0,283	-0,002	0,008	0,092	FALSE
-0,126	0,277	-0,005	0,015	0,127	FALSE
0,019	0,304	0,000	0,015	0,003	FALSE
0,023	0,294	0,002	0,015	0,061	FALSE
-0,019	0,284	-0,001	0,011	0,032	FALSE
0,011	0,272	0,002	0,008	0,074	FALSE
0,029	0,283	0,002	0,014	0,060	FALSE
-0,059	0,292	0,000	0,012	0,009	FALSE
-0,046	0,296	-0,001	0,009	0,022	FALSE
-0,051	0,277	-0,002	0,009	0,060	FALSE
-0,042	0,287	-0,003	0,008	0,160	FALSE
-0,026	0,297	0,000	0,011	0,011	FALSE
0,027	0,291	0,002	0,010	0,062	FALSE
0,082	0,287	0,002	0,007	0,093	FALSE
-0,033	0,288	0,000	0,011	0,005	FALSE
-0,054	0,293	0,000	0,011	0,012	FALSE
-0,015	0,301	0,001	0,011	0,030	FALSE
-0,028	0,286	0,000	0,011	0,002	FALSE
0,080	0,282	0,000	0,008	0,021	FALSE
-0,091	0,280	-0,003	0,015	0,072	FALSE
0,030	0,287	0,000	0,011	0,005	FALSE
0,069	0,284	0,001	0,008	0,060	FALSE
-0,048	0,290	-0,001	0,011	0,018	FALSE
-0,050	0,286	-0,001	0,011	0,023	FALSE
-0,042	0,285	0,000	0,011	0,008	FALSE
-0,029	0,284	0,000	0,014	0,003	FALSE
0,106	0,292	0,003	0,013	0,076	FALSE
-0,091	0,292	-0,001	0,010	0,045	FALSE
-0,050	0,272	-0,002	0,013	0,049	FALSE
-0,103	0,282	-0,002	0,010	0,069	FALSE
-0,109	0,276	-0,002	0,010	0,074	FALSE
-0,042	0,286	0,000	0,010	0,002	FALSE
-0,006	0,285	-0,001	0,012	0,022	FALSE
0,008	0,287	0,002	0,014	0,063	FALSE
-0,066	0,294	-0,002	0,011	0,073	FALSE
-0,106	0,288	-0,002	0,007	0,115	FALSE
-0,005	0,294	0,001	0,011	0,038	FALSE
0,021	0,297	0,001	0,009	0,059	FALSE
-0,127	0,289	-0,003	0,007	0,151	FALSE
-0,143	0,273	-0,003	0,007	0,197	FALSE

-0,166	0,269	-0,005	0,007	0,283	FALSE
0,069	0,290	0,002	0,008	0,115	FALSE
-0,094	0,272	-0,004	0,014	0,116	FALSE
-0,117	0,272	-0,005	0,014	0,147	FALSE
-0,102	0,291	-0,004	0,011	0,147	FALSE
-0,092	0,268	-0,003	0,009	0,139	FALSE
-0,015	0,274	-0,001	0,013	0,028	FALSE
-0,023	0,286	-0,001	0,009	0,047	FALSE
-0,053	0,282	-0,001	0,009	0,042	FALSE
-0,038	0,286	0,000	0,010	0,006	FALSE
-0,050	0,289	-0,001	0,010	0,030	FALSE
-0,028	0,301	0,000	0,010	0,006	FALSE
-0,009	0,297	0,001	0,008	0,063	FALSE
0,047	0,295	0,002	0,013	0,063	FALSE
0,043	0,294	0,001	0,008	0,061	FALSE
0,151	0,299	0,007	0,014	0,215	FALSE
0,168	0,282	0,004	0,007	0,208	FALSE
0,201	0,284	0,005	0,008	0,281	FALSE
0,026	0,294	0,001	0,009	0,049	FALSE
0,087	0,271	0,002	0,009	0,096	FALSE
-0,070	0,273	-0,001	0,009	0,031	FALSE
0,147	0,277	0,006	0,014	0,162	FALSE
0,024	0,282	0,002	0,010	0,087	FALSE
0,046	0,299	0,001	0,015	0,024	FALSE
0,069	0,289	0,003	0,015	0,069	FALSE
0,036	0,295	0,001	0,008	0,049	FALSE
-0,102	0,288	-0,006	0,015	0,177	FALSE
0,004	0,283	0,000	0,014	0,013	FALSE
0,079	0,277	0,003	0,007	0,138	FALSE
0,176	0,276	0,007	0,012	0,270	FALSE
0,208	0,281	0,006	0,011	0,228	FALSE
-0,021	0,292	0,002	0,011	0,051	FALSE
0,131	0,281	0,006	0,013	0,190	FALSE
0,177	0,281	0,005	0,008	0,254	FALSE
-0,087	0,290	-0,003	0,014	0,068	FALSE
-0,002	0,287	-0,001	0,011	0,042	FALSE
-0,152	0,271	-0,006	0,015	0,168	FALSE
-0,034	0,272	0,000	0,014	0,001	FALSE
-0,012	0,277	-0,002	0,009	0,074	FALSE
-0,031	0,288	-0,001	0,008	0,035	FALSE
-0,087	0,280	-0,001	0,013	0,028	FALSE
-0,025	0,290	-0,001	0,009	0,020	FALSE
0,001	0,278	0,001	0,013	0,027	FALSE
0,067	0,288	0,001	0,008	0,025	FALSE
0,087	0,289	0,005	0,013	0,135	FALSE
-0,085	0,289	-0,006	0,015	0,167	FALSE
-0,012	0,295	-0,001	0,014	0,030	FALSE
0,031	0,300	0,002	0,008	0,096	FALSE
-0,025	0,296	-0,002	0,013	0,054	FALSE
0,013	0,292	0,001	0,014	0,023	FALSE
-0,044	0,292	-0,001	0,015	0,017	FALSE
0,083	0,279	0,002	0,011	0,087	FALSE
0,018	0,290	-0,001	0,014	0,018	FALSE

-0,136	0,274	-0,006	0,012	0,204	FALSE
0,065	0,277	0,000	0,013	0,008	FALSE
0,092	0,301	0,003	0,008	0,153	FALSE
-0,134	0,283	-0,003	0,008	0,145	FALSE
0,003	0,289	0,000	0,011	0,009	FALSE
-0,056	0,275	-0,001	0,015	0,018	FALSE
-0,113	0,280	-0,004	0,007	0,233	FALSE
-0,162	0,264	-0,006	0,014	0,178	FALSE
0,127	0,296	0,005	0,011	0,194	FALSE
-0,024	0,300	-0,002	0,013	0,056	FALSE
-0,059	0,287	-0,001	0,007	0,060	FALSE
-0,027	0,296	-0,001	0,010	0,031	FALSE
0,107	0,283	0,005	0,012	0,165	FALSE
0,069	0,288	0,001	0,012	0,044	FALSE
0,144	0,283	0,004	0,010	0,179	FALSE
-0,022	0,307	0,000	0,007	0,021	FALSE
-0,009	0,286	0,000	0,010	0,006	FALSE
-0,109	0,303	-0,004	0,015	0,116	FALSE
0,060	0,288	0,001	0,010	0,042	FALSE
-0,007	0,311	-0,001	0,014	0,028	FALSE
-0,055	0,287	0,000	0,013	0,013	FALSE
-0,032	0,285	-0,001	0,011	0,042	FALSE
0,128	0,290	0,003	0,009	0,120	FALSE
-0,130	0,284	-0,003	0,008	0,133	FALSE
0,158	0,262	0,009	0,013	0,304	FALSE
0,168	0,275	0,009	0,015	0,268	FALSE
-0,059	0,296	-0,005	0,015	0,131	FALSE
-0,031	0,285	0,002	0,010	0,082	FALSE
0,187	0,279	0,004	0,010	0,146	FALSE
-0,122	0,278	-0,006	0,012	0,195	FALSE
-0,034	0,296	-0,003	0,014	0,081	FALSE
0,154	0,307	0,004	0,010	0,175	FALSE
0,095	0,298	0,004	0,014	0,112	FALSE
-0,010	0,273	-0,004	0,014	0,097	FALSE
-0,021	0,279	-0,002	0,009	0,065	FALSE
0,146	0,289	0,003	0,011	0,113	FALSE
0,144	0,278	0,005	0,011	0,167	FALSE
-0,146	0,289	-0,005	0,011	0,191	FALSE
0,124	0,288	0,004	0,008	0,178	FALSE
0,094	0,308	0,002	0,009	0,100	FALSE
0,149	0,294	0,004	0,008	0,212	FALSE
0,168	0,282	0,005	0,010	0,204	FALSE
0,128	0,304	0,003	0,008	0,179	FALSE
-0,158	0,274	-0,008	0,015	0,221	FALSE
0,049	0,275	0,002	0,013	0,048	FALSE
-0,019	0,278	0,002	0,012	0,046	FALSE
-0,053	0,272	0,000	0,012	0,001	FALSE
-0,001	0,288	0,000	0,013	0,009	FALSE
0,085	0,269	0,000	0,008	0,017	FALSE
0,015	0,288	0,001	0,015	0,029	FALSE
-0,001	0,282	0,000	0,014	0,011	FALSE
-0,013	0,280	-0,001	0,009	0,054	FALSE
0,001	0,285	0,001	0,013	0,038	FALSE

-0,135	0,277	-0,006	0,014	0,181	FALSE
0,010	0,298	0,000	0,014	0,002	FALSE
-0,108	0,287	-0,004	0,011	0,143	FALSE
0,033	0,291	0,002	0,009	0,063	FALSE
0,002	0,286	0,001	0,009	0,026	FALSE
-0,163	0,302	-0,006	0,011	0,233	FALSE
-0,007	0,281	0,001	0,014	0,039	FALSE
0,006	0,293	0,001	0,014	0,027	FALSE
0,081	0,285	0,006	0,012	0,208	FALSE
-0,037	0,277	-0,003	0,012	0,087	FALSE
-0,066	0,297	-0,004	0,013	0,108	FALSE
-0,076	0,277	-0,002	0,009	0,100	FALSE
0,259	0,264	0,010	0,014	0,343	FALSE
0,109	0,285	0,006	0,015	0,164	FALSE
0,003	0,278	-0,001	0,011	0,023	FALSE
0,170	0,272	0,005	0,012	0,152	FALSE
0,026	0,293	0,001	0,008	0,040	FALSE
-0,094	0,282	-0,003	0,013	0,083	FALSE
0,018	0,282	-0,001	0,010	0,029	FALSE
0,114	0,283	0,002	0,008	0,080	FALSE
0,006	0,284	0,002	0,015	0,038	FALSE
-0,134	0,294	-0,004	0,009	0,168	FALSE
-0,063	0,280	-0,002	0,009	0,084	FALSE
-0,044	0,294	-0,003	0,015	0,083	FALSE
-0,009	0,293	-0,001	0,015	0,016	FALSE
0,065	0,294	0,002	0,009	0,101	FALSE
-0,051	0,284	-0,003	0,013	0,093	FALSE
-0,099	0,298	-0,003	0,008	0,123	FALSE
0,013	0,277	0,000	0,010	0,015	FALSE
-0,063	0,286	-0,004	0,013	0,115	FALSE
-0,010	0,287	-0,001	0,015	0,022	FALSE
-0,135	0,279	-0,005	0,010	0,186	FALSE
-0,166	0,274	-0,004	0,009	0,184	FALSE
-0,019	0,283	-0,001	0,009	0,052	FALSE
-0,141	0,294	-0,003	0,008	0,140	FALSE
-0,020	0,280	0,001	0,012	0,023	FALSE
-0,066	0,282	-0,001	0,008	0,045	FALSE
-0,166	0,292	-0,003	0,008	0,159	FALSE
0,087	0,295	0,005	0,015	0,130	FALSE
-0,080	0,274	-0,002	0,007	0,119	FALSE
-0,049	0,300	-0,003	0,013	0,077	FALSE
0,121	0,297	0,009	0,015	0,251	FALSE
-0,062	0,284	-0,001	0,007	0,033	FALSE
0,020	0,283	0,000	0,011	0,011	FALSE
-0,083	0,279	0,000	0,009	0,011	FALSE
-0,102	0,274	0,000	0,008	0,021	FALSE
0,039	0,277	-0,001	0,010	0,024	FALSE
0,087	0,286	0,003	0,008	0,178	FALSE
0,047	0,281	-0,001	0,009	0,035	FALSE
0,036	0,283	0,001	0,007	0,024	FALSE
0,055	0,279	0,001	0,008	0,039	FALSE
0,069	0,289	0,001	0,008	0,039	FALSE
0,062	0,282	0,002	0,008	0,079	FALSE

0,114	0,287	0,003	0,007	0,187	FALSE
0,068	0,290	0,005	0,013	0,148	FALSE
-0,007	0,292	0,001	0,010	0,029	FALSE
0,057	0,287	0,000	0,015	0,007	FALSE
-0,002	0,299	0,000	0,015	0,008	FALSE
-0,066	0,286	-0,004	0,013	0,102	FALSE
-0,047	0,293	0,000	0,014	0,012	FALSE
0,070	0,285	0,003	0,010	0,133	FALSE
0,078	0,294	0,004	0,013	0,133	FALSE
-0,041	0,297	-0,002	0,012	0,059	FALSE
0,079	0,279	0,004	0,012	0,114	FALSE
-0,117	0,284	-0,002	0,008	0,124	FALSE
-0,065	0,289	-0,001	0,010	0,026	FALSE
0,054	0,280	0,004	0,014	0,113	FALSE
-0,019	0,282	-0,004	0,014	0,098	FALSE
0,067	0,281	0,000	0,015	0,003	FALSE
0,116	0,294	0,002	0,009	0,073	FALSE
0,080	0,290	0,006	0,015	0,179	FALSE
0,009	0,300	0,000	0,008	0,014	FALSE
0,086	0,266	0,000	0,010	0,012	FALSE
-0,205	0,284	-0,006	0,008	0,291	FALSE
-0,032	0,278	-0,001	0,008	0,060	FALSE
0,103	0,296	0,003	0,010	0,131	FALSE
0,097	0,285	0,004	0,010	0,138	FALSE
-0,052	0,285	0,000	0,008	0,002	FALSE
0,150	0,289	0,005	0,011	0,204	FALSE
-0,055	0,294	-0,003	0,011	0,097	FALSE
-0,046	0,298	-0,002	0,011	0,073	FALSE
0,050	0,293	0,002	0,009	0,093	FALSE
-0,076	0,283	-0,003	0,011	0,095	FALSE
0,165	0,277	0,010	0,012	0,398	FALSE
0,115	0,286	0,003	0,010	0,133	FALSE
-0,026	0,283	-0,004	0,014	0,111	FALSE
0,087	0,290	0,002	0,010	0,091	FALSE
-0,040	0,294	-0,001	0,009	0,039	FALSE
0,005	0,272	0,001	0,008	0,024	FALSE
0,007	0,291	0,000	0,009	0,019	FALSE
-0,142	0,292	-0,006	0,013	0,183	FALSE
-0,093	0,283	-0,003	0,007	0,162	FALSE
0,097	0,287	0,004	0,014	0,100	FALSE
-0,114	0,277	-0,005	0,011	0,174	FALSE
0,241	0,271	0,006	0,009	0,264	FALSE
-0,084	0,283	-0,004	0,013	0,127	FALSE
-0,065	0,296	-0,002	0,008	0,082	FALSE
-0,062	0,290	-0,001	0,009	0,050	FALSE
-0,141	0,281	-0,005	0,013	0,166	FALSE
-0,004	0,288	0,003	0,010	0,118	FALSE
0,013	0,286	-0,001	0,009	0,026	FALSE
-0,041	0,289	0,000	0,007	0,016	FALSE
0,039	0,286	0,001	0,009	0,026	FALSE
0,021	0,287	0,001	0,010	0,021	FALSE
0,050	0,295	0,001	0,009	0,061	FALSE
-0,062	0,283	-0,001	0,008	0,040	FALSE

-0,015	0,300	0,001	0,007	0,047	FALSE
-0,004	0,287	-0,002	0,013	0,069	FALSE
0,099	0,279	0,001	0,008	0,065	FALSE
0,225	0,277	0,007	0,014	0,212	FALSE
-0,020	0,296	0,002	0,008	0,085	FALSE
-0,107	0,288	-0,003	0,015	0,067	FALSE
0,048	0,287	0,001	0,010	0,043	FALSE
-0,019	0,274	0,000	0,009	0,001	FALSE
-0,225	0,274	-0,009	0,015	0,263	FALSE
0,081	0,289	0,001	0,008	0,050	FALSE
-0,001	0,289	0,000	0,014	0,008	FALSE
-0,021	0,283	-0,002	0,008	0,082	FALSE
-0,046	0,279	0,000	0,010	0,014	FALSE
-0,102	0,297	-0,004	0,008	0,198	FALSE
-0,099	0,283	-0,006	0,013	0,187	FALSE
-0,080	0,293	-0,003	0,015	0,076	FALSE
0,073	0,288	0,004	0,014	0,106	FALSE
-0,063	0,278	-0,005	0,013	0,145	FALSE
0,031	0,307	0,001	0,015	0,032	FALSE
-0,027	0,295	-0,002	0,015	0,048	FALSE
0,101	0,285	0,005	0,014	0,134	FALSE
0,102	0,295	0,005	0,015	0,145	FALSE
0,000	0,310	0,000	0,015	0,006	FALSE
0,019	0,303	0,001	0,015	0,028	FALSE
-0,008	0,300	0,000	0,015	0,002	FALSE
0,020	0,299	0,001	0,015	0,025	FALSE
0,003	0,302	0,000	0,014	0,012	FALSE
-0,121	0,297	-0,006	0,015	0,172	FALSE
0,024	0,294	0,001	0,015	0,019	FALSE
-0,040	0,286	-0,004	0,015	0,118	FALSE
0,074	0,282	0,001	0,010	0,039	FALSE
0,045	0,290	0,001	0,010	0,018	FALSE
0,019	0,289	0,001	0,007	0,034	FALSE
0,154	0,281	0,004	0,012	0,131	FALSE
-0,055	0,294	-0,002	0,010	0,058	FALSE
-0,082	0,301	-0,002	0,009	0,072	FALSE
0,087	0,284	0,004	0,014	0,099	FALSE
0,019	0,303	0,001	0,015	0,023	FALSE
0,015	0,288	0,001	0,008	0,067	FALSE
-0,050	0,284	0,001	0,013	0,040	FALSE
0,020	0,292	0,000	0,012	0,012	FALSE
0,069	0,282	0,004	0,009	0,160	FALSE
-0,078	0,272	-0,002	0,007	0,097	FALSE
-0,070	0,282	-0,003	0,015	0,079	FALSE
0,032	0,282	0,001	0,015	0,015	FALSE
-0,151	0,284	-0,003	0,008	0,156	FALSE
0,058	0,276	0,003	0,011	0,097	FALSE
-0,028	0,286	0,001	0,013	0,032	FALSE
-0,076	0,271	-0,002	0,013	0,055	FALSE
0,002	0,285	0,002	0,014	0,060	FALSE
0,009	0,284	0,000	0,010	0,009	FALSE
0,059	0,301	0,002	0,011	0,067	FALSE
-0,079	0,290	-0,002	0,008	0,125	FALSE

0,017	0,292	0,002	0,014	0,056	FALSE
-0,064	0,279	-0,002	0,015	0,059	FALSE
-0,033	0,287	0,000	0,012	0,008	FALSE
-0,047	0,287	-0,003	0,009	0,137	FALSE
-0,014	0,292	-0,001	0,014	0,034	FALSE
0,072	0,276	0,003	0,013	0,081	FALSE
0,050	0,282	0,001	0,014	0,035	FALSE
-0,045	0,277	-0,001	0,008	0,044	FALSE
0,045	0,289	0,000	0,015	0,002	FALSE
0,014	0,275	-0,002	0,010	0,064	FALSE
0,082	0,278	0,003	0,009	0,118	FALSE
-0,052	0,282	-0,005	0,012	0,146	FALSE
0,267	0,258	0,005	0,007	0,290	FALSE
0,148	0,286	0,005	0,011	0,183	FALSE
-0,038	0,281	0,000	0,009	0,008	FALSE
0,082	0,293	0,001	0,014	0,026	FALSE
0,120	0,288	0,003	0,014	0,091	FALSE
0,053	0,291	0,000	0,015	0,005	FALSE
0,042	0,285	-0,001	0,014	0,017	FALSE
-0,049	0,279	-0,002	0,011	0,068	FALSE
0,159	0,278	0,003	0,009	0,125	FALSE
-0,020	0,283	0,000	0,012	0,005	FALSE
0,036	0,289	0,001	0,008	0,065	FALSE
-0,032	0,286	-0,002	0,015	0,044	FALSE
0,033	0,296	0,001	0,013	0,016	FALSE
0,090	0,292	0,006	0,013	0,189	FALSE
0,066	0,280	0,000	0,009	0,013	FALSE
0,069	0,277	0,001	0,011	0,040	FALSE
0,023	0,301	0,003	0,012	0,091	FALSE
0,015	0,288	0,001	0,008	0,070	FALSE
0,223	0,281	0,010	0,014	0,341	FALSE
0,158	0,298	0,008	0,015	0,245	FALSE
-0,233	0,267	-0,009	0,014	0,296	FALSE
-0,062	0,287	0,000	0,009	0,016	FALSE
-0,038	0,297	0,000	0,011	0,000	FALSE
-0,127	0,285	-0,006	0,011	0,211	FALSE
-0,120	0,279	-0,005	0,011	0,184	FALSE
-0,123	0,283	-0,005	0,012	0,185	FALSE
-0,054	0,276	-0,002	0,011	0,073	FALSE
-0,163	0,283	-0,005	0,013	0,155	FALSE
0,164	0,286	0,005	0,012	0,168	FALSE
0,121	0,290	0,003	0,008	0,179	FALSE
0,052	0,282	0,002	0,015	0,039	FALSE
-0,002	0,279	0,001	0,007	0,032	FALSE
0,199	0,278	0,005	0,009	0,243	FALSE
0,055	0,284	0,001	0,008	0,057	FALSE
0,027	0,281	0,001	0,009	0,025	FALSE
0,157	0,293	0,004	0,015	0,109	FALSE
0,141	0,296	0,005	0,011	0,175	FALSE
-0,026	0,302	-0,001	0,009	0,036	FALSE
0,056	0,289	0,002	0,014	0,044	FALSE
-0,062	0,294	-0,002	0,014	0,049	FALSE
-0,109	0,275	-0,003	0,009	0,107	FALSE

0,081	0,291	0,002	0,011	0,085	FALSE
0,036	0,294	0,002	0,008	0,104	FALSE
-0,100	0,279	-0,003	0,012	0,107	FALSE
0,097	0,265	0,001	0,011	0,031	FALSE
-0,024	0,296	0,000	0,010	0,002	FALSE
0,026	0,287	0,000	0,015	0,007	FALSE
0,061	0,289	0,000	0,013	0,004	FALSE
0,071	0,284	0,000	0,012	0,008	FALSE
-0,012	0,279	0,001	0,011	0,036	FALSE
0,011	0,294	0,001	0,009	0,043	FALSE
0,077	0,286	0,002	0,014	0,054	FALSE
-0,057	0,300	-0,001	0,010	0,046	FALSE
-0,003	0,287	-0,001	0,008	0,052	FALSE
0,072	0,288	0,002	0,015	0,051	FALSE
0,150	0,280	0,006	0,015	0,175	FALSE
-0,183	0,265	-0,006	0,009	0,290	FALSE
0,045	0,307	0,002	0,009	0,077	FALSE
0,051	0,280	0,003	0,014	0,081	FALSE
-0,117	0,285	-0,004	0,014	0,101	FALSE
-0,023	0,297	-0,002	0,013	0,062	FALSE
0,030	0,283	-0,001	0,013	0,043	FALSE
0,014	0,286	-0,001	0,010	0,022	FALSE
0,024	0,295	0,001	0,007	0,065	FALSE
0,078	0,283	0,001	0,008	0,050	FALSE
-0,002	0,286	0,001	0,013	0,035	FALSE
-0,102	0,277	-0,003	0,014	0,074	FALSE
-0,027	0,273	0,000	0,007	0,004	FALSE
0,064	0,284	0,002	0,013	0,070	FALSE
0,001	0,294	-0,002	0,012	0,056	FALSE
0,041	0,292	0,002	0,011	0,054	FALSE
0,146	0,286	0,003	0,008	0,145	FALSE
-0,068	0,285	-0,007	0,014	0,202	FALSE
0,035	0,298	0,002	0,011	0,057	FALSE
0,018	0,295	-0,002	0,013	0,055	FALSE
-0,184	0,271	-0,007	0,013	0,235	FALSE
-0,070	0,283	-0,003	0,013	0,077	FALSE
0,033	0,288	0,000	0,014	0,003	FALSE
-0,056	0,290	-0,002	0,010	0,078	FALSE
-0,108	0,295	-0,005	0,015	0,139	FALSE
0,000	0,281	0,001	0,009	0,029	FALSE
-0,092	0,291	-0,005	0,015	0,116	FALSE
-0,094	0,301	-0,005	0,015	0,128	FALSE
0,017	0,285	0,001	0,011	0,035	FALSE
0,010	0,285	0,001	0,011	0,036	FALSE
-0,062	0,292	0,000	0,008	0,017	FALSE
-0,091	0,282	-0,004	0,015	0,096	FALSE
0,053	0,282	0,002	0,013	0,067	FALSE
-0,044	0,281	-0,001	0,011	0,032	FALSE
-0,057	0,287	-0,005	0,014	0,129	FALSE
-0,020	0,271	-0,001	0,011	0,046	FALSE
-0,021	0,273	0,001	0,013	0,032	FALSE
-0,046	0,266	-0,001	0,011	0,045	FALSE
0,004	0,295	0,002	0,009	0,069	FALSE

0,011	0,286	0,000	0,012	0,003	FALSE
0,017	0,291	0,000	0,009	0,008	FALSE
-0,122	0,280	-0,005	0,011	0,207	FALSE
0,058	0,277	0,000	0,008	0,020	FALSE
0,020	0,295	-0,001	0,013	0,019	FALSE
-0,074	0,306	-0,002	0,010	0,071	FALSE
-0,020	0,301	0,000	0,011	0,004	FALSE
-0,079	0,287	0,000	0,013	0,001	FALSE
0,101	0,274	0,002	0,008	0,096	FALSE
0,168	0,286	0,006	0,012	0,220	FALSE
-0,106	0,276	-0,004	0,011	0,155	FALSE
-0,047	0,284	-0,001	0,009	0,035	FALSE
-0,048	0,276	-0,002	0,010	0,092	FALSE
-0,046	0,277	-0,001	0,010	0,030	FALSE
0,032	0,289	0,000	0,008	0,006	FALSE
0,090	0,272	0,001	0,007	0,046	FALSE
0,022	0,280	0,001	0,014	0,013	FALSE
-0,002	0,280	0,001	0,012	0,039	FALSE
-0,154	0,271	-0,004	0,007	0,232	FALSE
-0,187	0,278	-0,005	0,008	0,291	FALSE
-0,016	0,291	0,000	0,013	0,013	FALSE
0,074	0,293	0,004	0,014	0,121	FALSE
0,043	0,276	0,001	0,013	0,037	FALSE
-0,049	0,284	-0,001	0,010	0,043	FALSE
0,125	0,285	0,002	0,015	0,062	FALSE
-0,090	0,285	-0,002	0,008	0,124	FALSE
-0,072	0,297	-0,002	0,008	0,075	FALSE
-0,101	0,279	-0,002	0,008	0,108	FALSE
-0,085	0,305	-0,002	0,009	0,093	FALSE
-0,034	0,289	-0,001	0,008	0,038	FALSE
0,001	0,278	0,000	0,007	0,002	FALSE
0,048	0,290	0,002	0,009	0,083	FALSE
-0,020	0,279	-0,001	0,008	0,052	FALSE
0,068	0,275	0,002	0,012	0,059	FALSE
0,040	0,283	0,001	0,010	0,036	FALSE
0,000	0,307	0,000	0,014	0,011	FALSE
-0,008	0,293	0,001	0,008	0,048	FALSE
-0,073	0,285	-0,002	0,007	0,128	FALSE
-0,026	0,273	-0,002	0,014	0,062	FALSE
-0,012	0,291	0,002	0,010	0,078	FALSE
0,048	0,278	0,001	0,011	0,023	FALSE
-0,105	0,281	-0,004	0,011	0,147	FALSE
0,198	0,281	0,003	0,007	0,197	FALSE
-0,023	0,300	0,001	0,008	0,026	FALSE
-0,010	0,296	0,001	0,008	0,031	FALSE
0,043	0,277	0,001	0,010	0,042	FALSE
0,085	0,280	0,006	0,013	0,173	FALSE
-0,160	0,296	-0,003	0,008	0,161	FALSE
0,111	0,274	0,005	0,015	0,145	FALSE
0,115	0,280	0,006	0,015	0,156	FALSE
0,021	0,287	0,003	0,014	0,076	FALSE
0,131	0,276	0,003	0,011	0,101	FALSE
-0,030	0,294	0,000	0,013	0,001	FALSE

0,009	0,297	0,000	0,009	0,004	FALSE
-0,189	0,277	-0,005	0,008	0,269	FALSE
-0,084	0,283	-0,003	0,014	0,079	FALSE
0,002	0,285	-0,001	0,013	0,032	FALSE
0,043	0,293	0,000	0,010	0,008	FALSE
0,024	0,283	-0,001	0,010	0,035	FALSE
-0,135	0,281	-0,007	0,013	0,217	FALSE
-0,004	0,292	-0,001	0,014	0,030	FALSE
0,026	0,288	0,000	0,014	0,004	FALSE
0,129	0,276	0,003	0,014	0,081	FALSE
0,001	0,310	0,000	0,009	0,005	FALSE
-0,029	0,283	-0,001	0,008	0,048	FALSE
-0,039	0,285	0,000	0,011	0,014	FALSE
-0,134	0,278	-0,007	0,013	0,222	FALSE
0,032	0,289	0,001	0,013	0,030	FALSE
0,081	0,278	0,003	0,013	0,103	FALSE
0,038	0,296	0,001	0,012	0,031	FALSE
0,062	0,287	0,003	0,015	0,067	FALSE
-0,136	0,284	-0,004	0,009	0,209	FALSE
0,012	0,289	0,000	0,009	0,006	FALSE
0,038	0,290	0,003	0,009	0,122	FALSE
-0,135	0,289	-0,003	0,008	0,141	FALSE
0,036	0,300	0,001	0,009	0,022	FALSE
0,084	0,286	0,002	0,013	0,046	FALSE
0,092	0,281	0,002	0,011	0,065	FALSE
-0,072	0,293	-0,003	0,009	0,152	FALSE
0,193	0,263	0,003	0,009	0,141	FALSE
0,063	0,288	-0,001	0,013	0,032	FALSE
0,112	0,283	0,002	0,015	0,054	FALSE
0,124	0,288	0,003	0,015	0,085	FALSE
0,004	0,289	-0,002	0,012	0,048	FALSE
-0,041	0,289	-0,001	0,013	0,039	FALSE
-0,041	0,302	-0,003	0,015	0,061	FALSE
0,047	0,285	0,000	0,013	0,009	FALSE
0,083	0,287	0,002	0,012	0,053	FALSE
-0,046	0,287	0,000	0,012	0,009	FALSE
0,101	0,282	0,003	0,013	0,100	FALSE
0,121	0,280	0,003	0,013	0,094	FALSE
-0,048	0,285	-0,002	0,008	0,114	FALSE
0,040	0,292	0,002	0,014	0,047	FALSE
0,084	0,286	0,002	0,011	0,081	FALSE
-0,020	0,297	0,000	0,007	0,003	FALSE
0,044	0,269	0,000	0,013	0,013	FALSE
0,067	0,292	0,005	0,012	0,159	FALSE
0,155	0,284	0,004	0,010	0,141	FALSE
-0,019	0,298	-0,001	0,010	0,032	FALSE
-0,050	0,292	-0,002	0,014	0,062	FALSE
-0,089	0,294	-0,004	0,014	0,099	FALSE
0,076	0,280	0,002	0,008	0,092	FALSE
-0,198	0,289	-0,004	0,008	0,227	FALSE
-0,014	0,284	-0,002	0,009	0,074	FALSE
-0,040	0,292	-0,005	0,014	0,160	FALSE
0,084	0,282	0,007	0,012	0,244	FALSE

0,024	0,294	0,004	0,013	0,125	FALSE
-0,110	0,291	-0,007	0,013	0,234	FALSE
0,103	0,276	0,003	0,013	0,091	FALSE
-0,071	0,277	-0,006	0,014	0,190	FALSE
0,108	0,287	0,006	0,013	0,201	FALSE
0,097	0,296	0,006	0,013	0,178	FALSE
0,071	0,280	0,005	0,013	0,152	FALSE
-0,120	0,281	-0,005	0,010	0,189	FALSE
0,065	0,275	0,001	0,012	0,018	FALSE
-0,048	0,291	-0,004	0,014	0,094	FALSE
-0,034	0,296	-0,004	0,014	0,110	FALSE
-0,100	0,274	-0,002	0,014	0,061	FALSE
0,159	0,285	0,008	0,013	0,252	FALSE
-0,164	0,293	-0,005	0,011	0,216	FALSE
-0,069	0,280	-0,005	0,014	0,147	FALSE
0,010	0,291	-0,001	0,011	0,028	FALSE
0,005	0,284	-0,002	0,010	0,066	FALSE
0,073	0,296	0,004	0,015	0,093	FALSE
-0,055	0,290	-0,003	0,008	0,136	FALSE
-0,033	0,289	-0,002	0,012	0,048	FALSE
-0,028	0,288	-0,002	0,009	0,067	FALSE
0,027	0,285	0,001	0,009	0,036	FALSE
-0,129	0,288	-0,003	0,008	0,148	FALSE
-0,006	0,289	0,000	0,012	0,006	FALSE
-0,083	0,280	-0,003	0,007	0,180	FALSE
0,122	0,288	0,004	0,010	0,175	FALSE
0,037	0,287	0,001	0,012	0,018	FALSE
0,106	0,288	0,003	0,008	0,143	FALSE
-0,020	0,288	-0,001	0,012	0,043	FALSE
0,103	0,278	0,007	0,015	0,189	FALSE
-0,052	0,282	0,000	0,014	0,004	FALSE
-0,090	0,276	-0,003	0,013	0,084	FALSE
-0,083	0,275	-0,002	0,013	0,070	FALSE
-0,074	0,275	-0,002	0,013	0,052	FALSE
-0,054	0,273	0,000	0,009	0,005	FALSE
0,088	0,272	0,005	0,010	0,222	FALSE
-0,090	0,283	-0,006	0,015	0,174	FALSE
0,061	0,270	0,004	0,014	0,097	FALSE
-0,004	0,285	0,000	0,011	0,016	FALSE
0,078	0,273	0,001	0,009	0,044	FALSE
0,010	0,282	0,001	0,010	0,056	FALSE
0,014	0,279	0,000	0,010	0,002	FALSE
0,100	0,285	0,005	0,012	0,182	FALSE
0,063	0,265	0,001	0,009	0,033	FALSE
0,102	0,284	0,003	0,008	0,153	FALSE
0,082	0,283	0,002	0,014	0,041	FALSE
0,006	0,290	0,001	0,015	0,028	FALSE
0,006	0,294	0,002	0,015	0,042	FALSE
-0,201	0,284	-0,004	0,009	0,184	FALSE
-0,214	0,268	-0,009	0,013	0,331	FALSE
-0,027	0,274	0,002	0,014	0,066	FALSE
-0,003	0,282	0,003	0,014	0,088	FALSE
-0,068	0,271	-0,003	0,010	0,100	FALSE

-0,090	0,275	-0,003	0,011	0,122	FALSE
-0,075	0,273	-0,003	0,008	0,127	FALSE
0,065	0,276	0,002	0,008	0,069	FALSE
0,035	0,271	0,001	0,007	0,030	FALSE
-0,054	0,301	-0,003	0,016	0,063	FALSE
-0,132	0,302	-0,004	0,013	0,127	FALSE
-0,099	0,285	-0,003	0,009	0,121	FALSE
0,179	0,282	0,004	0,009	0,165	FALSE
-0,049	0,286	-0,002	0,012	0,073	FALSE
0,072	0,285	0,000	0,008	0,012	FALSE
0,177	0,280	0,003	0,008	0,156	FALSE
-0,004	0,293	-0,001	0,008	0,024	FALSE
-0,128	0,280	-0,003	0,009	0,147	FALSE
-0,040	0,268	-0,001	0,008	0,054	FALSE
-0,131	0,290	-0,006	0,014	0,159	FALSE
-0,092	0,293	-0,003	0,009	0,129	FALSE
-0,162	0,272	-0,007	0,011	0,247	FALSE
-0,093	0,290	-0,004	0,011	0,133	FALSE
0,083	0,279	0,005	0,015	0,132	FALSE
0,044	0,287	0,002	0,010	0,057	FALSE
-0,070	0,285	-0,001	0,010	0,041	FALSE
-0,058	0,285	-0,003	0,012	0,084	FALSE
0,034	0,281	0,000	0,009	0,005	FALSE
-0,102	0,275	-0,004	0,010	0,194	FALSE
0,089	0,287	0,002	0,010	0,062	FALSE
-0,147	0,290	-0,003	0,008	0,163	FALSE
-0,074	0,282	-0,004	0,012	0,117	FALSE
0,040	0,279	0,002	0,009	0,082	FALSE
-0,041	0,284	-0,001	0,008	0,031	FALSE
0,049	0,275	0,002	0,013	0,068	FALSE
0,148	0,295	0,004	0,011	0,147	FALSE
-0,114	0,288	-0,005	0,015	0,131	FALSE
-0,088	0,301	-0,003	0,011	0,086	FALSE
-0,098	0,280	-0,003	0,015	0,087	FALSE
0,032	0,297	0,002	0,014	0,066	FALSE
0,023	0,280	0,000	0,007	0,005	FALSE
0,155	0,279	0,003	0,012	0,080	FALSE
-0,026	0,288	0,000	0,008	0,005	FALSE
0,129	0,288	0,004	0,010	0,149	FALSE
-0,104	0,283	-0,003	0,008	0,132	FALSE
-0,170	0,275	-0,006	0,011	0,224	FALSE
-0,017	0,292	-0,003	0,014	0,085	FALSE
-0,061	0,283	-0,002	0,010	0,074	FALSE
-0,051	0,293	-0,001	0,010	0,041	FALSE
0,061	0,278	0,002	0,007	0,112	FALSE
-0,033	0,281	-0,001	0,015	0,030	FALSE
0,012	0,281	0,001	0,007	0,044	FALSE
0,026	0,272	0,003	0,010	0,111	FALSE
-0,071	0,278	-0,002	0,008	0,071	FALSE
0,057	0,280	0,005	0,014	0,133	FALSE
-0,039	0,298	-0,003	0,012	0,091	FALSE
0,151	0,292	0,004	0,008	0,179	FALSE
0,173	0,281	0,003	0,008	0,181	FALSE

-0,004	0,290	0,001	0,011	0,032	FALSE
0,002	0,283	-0,001	0,010	0,025	FALSE
0,221	0,271	0,006	0,010	0,228	FALSE
0,003	0,275	0,002	0,014	0,066	FALSE
0,165	0,286	0,007	0,012	0,234	FALSE
0,015	0,289	0,000	0,009	0,010	FALSE
-0,048	0,290	0,001	0,013	0,028	FALSE
0,145	0,282	0,004	0,012	0,128	FALSE
0,139	0,297	0,005	0,015	0,128	FALSE
-0,116	0,285	-0,004	0,008	0,190	FALSE
0,080	0,294	0,002	0,014	0,045	FALSE
-0,081	0,288	-0,002	0,008	0,077	FALSE
0,113	0,281	0,004	0,013	0,127	FALSE
0,024	0,275	0,000	0,013	0,004	FALSE
-0,070	0,284	-0,002	0,010	0,066	FALSE
0,003	0,283	0,000	0,015	0,006	FALSE
-0,092	0,292	-0,003	0,010	0,098	FALSE
-0,020	0,298	0,000	0,013	0,006	FALSE
-0,191	0,286	-0,007	0,010	0,341	FALSE
0,008	0,289	0,002	0,011	0,062	FALSE
-0,054	0,284	0,001	0,009	0,029	FALSE
-0,065	0,296	0,000	0,009	0,001	FALSE
0,023	0,287	0,003	0,010	0,122	FALSE
0,028	0,279	0,001	0,010	0,042	FALSE
0,016	0,289	0,001	0,010	0,049	FALSE
-0,143	0,279	-0,002	0,008	0,107	FALSE
0,056	0,283	0,001	0,013	0,021	FALSE
0,132	0,277	0,005	0,014	0,140	FALSE
-0,106	0,279	-0,005	0,014	0,137	FALSE
-0,087	0,296	-0,004	0,015	0,102	FALSE
0,068	0,292	0,004	0,014	0,113	FALSE
-0,075	0,282	-0,002	0,010	0,091	FALSE
0,202	0,277	0,005	0,011	0,193	FALSE
0,070	0,287	0,004	0,015	0,107	FALSE
0,176	0,281	0,005	0,011	0,186	FALSE
-0,071	0,282	-0,002	0,012	0,071	FALSE
0,019	0,288	0,000	0,009	0,016	FALSE
0,004	0,283	0,001	0,010	0,028	FALSE
0,172	0,284	0,006	0,015	0,152	FALSE
-0,074	0,270	-0,003	0,007	0,142	FALSE
-0,066	0,295	-0,002	0,011	0,071	FALSE
-0,044	0,287	-0,001	0,007	0,077	FALSE
0,193	0,272	0,006	0,014	0,188	FALSE
-0,196	0,277	-0,005	0,007	0,277	FALSE
0,030	0,297	0,000	0,014	0,003	FALSE
0,111	0,285	0,005	0,009	0,211	FALSE
0,089	0,283	0,004	0,010	0,187	FALSE
0,116	0,287	0,005	0,009	0,208	FALSE
-0,070	0,283	-0,003	0,008	0,175	FALSE
-0,027	0,291	-0,002	0,011	0,056	FALSE
0,027	0,290	0,001	0,011	0,038	FALSE
0,098	0,261	0,003	0,012	0,082	FALSE
-0,033	0,290	-0,002	0,009	0,096	FALSE

0,165	0,268	0,005	0,010	0,189	FALSE
0,201	0,284	0,006	0,012	0,220	FALSE
0,001	0,290	0,000	0,015	0,001	FALSE
-0,057	0,300	-0,002	0,010	0,090	FALSE
-0,110	0,285	-0,003	0,011	0,110	FALSE
-0,085	0,291	-0,002	0,011	0,088	FALSE
0,099	0,300	0,002	0,008	0,119	FALSE
0,130	0,275	0,003	0,011	0,104	FALSE
-0,163	0,283	-0,005	0,009	0,206	FALSE
0,043	0,291	0,002	0,009	0,091	FALSE
0,000	0,277	0,003	0,009	0,108	FALSE
-0,103	0,283	-0,001	0,008	0,052	FALSE
-0,051	0,276	0,000	0,011	0,015	FALSE
-0,027	0,280	-0,001	0,007	0,061	FALSE
-0,006	0,287	-0,002	0,014	0,057	FALSE
-0,033	0,289	0,000	0,008	0,008	FALSE
0,186	0,281	0,004	0,009	0,199	FALSE
0,198	0,276	0,005	0,009	0,236	FALSE
0,115	0,300	0,002	0,009	0,102	FALSE
0,015	0,290	0,001	0,009	0,060	FALSE
0,211	0,278	0,007	0,014	0,197	FALSE
0,034	0,294	0,002	0,011	0,057	FALSE
0,036	0,288	0,002	0,009	0,106	FALSE
0,068	0,292	0,001	0,010	0,037	FALSE
0,074	0,298	0,002	0,012	0,062	FALSE
0,013	0,282	0,003	0,012	0,106	FALSE
-0,005	0,287	0,002	0,015	0,040	FALSE
0,021	0,286	0,000	0,007	0,002	FALSE
-0,045	0,287	-0,003	0,015	0,086	FALSE
-0,097	0,276	-0,003	0,009	0,133	FALSE
-0,050	0,298	-0,001	0,008	0,061	FALSE
-0,057	0,281	-0,001	0,008	0,058	FALSE
-0,060	0,276	-0,001	0,009	0,045	FALSE
0,073	0,291	0,003	0,009	0,155	FALSE
0,091	0,283	0,001	0,009	0,034	FALSE
-0,100	0,281	-0,004	0,010	0,151	FALSE
-0,026	0,283	-0,001	0,010	0,052	FALSE
-0,020	0,286	0,000	0,008	0,011	FALSE
-0,019	0,271	0,003	0,012	0,089	FALSE
-0,078	0,278	0,000	0,010	0,012	FALSE
-0,011	0,282	0,002	0,011	0,054	FALSE
0,176	0,302	0,005	0,009	0,249	FALSE
0,211	0,271	0,006	0,012	0,213	FALSE
-0,013	0,304	-0,001	0,014	0,013	FALSE
-0,103	0,275	-0,005	0,014	0,137	FALSE
0,182	0,274	0,010	0,013	0,322	FALSE
0,026	0,280	0,000	0,009	0,019	FALSE
0,135	0,269	0,004	0,009	0,178	FALSE
-0,047	0,293	-0,004	0,015	0,108	FALSE
-0,031	0,279	-0,002	0,008	0,085	FALSE
0,106	0,271	0,002	0,007	0,144	FALSE
-0,225	0,279	-0,006	0,011	0,235	FALSE
-0,022	0,287	0,000	0,007	0,005	FALSE

-0,036	0,290	-0,001	0,007	0,064	FALSE
0,067	0,287	0,004	0,015	0,112	FALSE
0,018	0,288	0,000	0,014	0,009	FALSE
0,208	0,290	0,005	0,008	0,275	FALSE
-0,031	0,281	0,001	0,013	0,020	FALSE
-0,140	0,279	-0,005	0,011	0,210	FALSE
-0,012	0,260	-0,001	0,009	0,053	FALSE
0,061	0,278	0,003	0,009	0,125	FALSE
0,064	0,290	0,004	0,013	0,114	FALSE
0,082	0,262	0,004	0,014	0,116	FALSE
-0,036	0,292	-0,003	0,009	0,110	FALSE
-0,022	0,287	0,001	0,010	0,020	FALSE
-0,057	0,290	0,000	0,014	0,000	FALSE
-0,065	0,283	-0,001	0,008	0,065	FALSE
0,041	0,292	0,003	0,015	0,078	FALSE
-0,077	0,272	-0,002	0,007	0,098	FALSE
-0,004	0,288	0,000	0,011	0,006	FALSE
-0,042	0,292	-0,004	0,014	0,116	FALSE
-0,018	0,289	-0,001	0,009	0,038	FALSE
0,080	0,304	0,004	0,013	0,111	FALSE
-0,003	0,306	-0,001	0,010	0,040	FALSE
-0,074	0,291	-0,003	0,008	0,123	FALSE
0,011	0,282	0,000	0,011	0,004	FALSE
-0,048	0,293	-0,001	0,011	0,018	FALSE
-0,032	0,298	0,001	0,014	0,021	FALSE
0,191	0,286	0,005	0,010	0,223	FALSE
0,010	0,283	0,001	0,007	0,028	FALSE
-0,001	0,290	0,000	0,008	0,015	FALSE
0,100	0,287	0,002	0,008	0,102	FALSE
0,040	0,289	0,004	0,014	0,098	FALSE
0,065	0,275	0,000	0,012	0,008	FALSE
-0,046	0,282	-0,005	0,014	0,139	FALSE
0,191	0,282	0,007	0,014	0,188	FALSE
-0,133	0,285	-0,005	0,012	0,169	FALSE
0,115	0,287	0,007	0,014	0,201	FALSE
0,008	0,285	0,000	0,007	0,020	FALSE
-0,039	0,279	-0,001	0,008	0,035	FALSE
-0,054	0,284	-0,001	0,013	0,042	FALSE
-0,053	0,284	-0,001	0,008	0,028	FALSE
-0,070	0,271	-0,001	0,007	0,036	FALSE
-0,063	0,291	0,001	0,011	0,036	FALSE
-0,053	0,271	-0,002	0,007	0,114	FALSE
-0,109	0,281	-0,001	0,011	0,036	FALSE
0,006	0,267	-0,001	0,007	0,032	FALSE
-0,131	0,272	-0,006	0,009	0,281	FALSE
0,009	0,279	0,004	0,014	0,115	FALSE
0,029	0,290	0,000	0,008	0,016	FALSE
0,052	0,279	0,001	0,010	0,037	FALSE
0,071	0,306	0,002	0,014	0,067	FALSE
-0,190	0,283	-0,005	0,009	0,246	FALSE
-0,068	0,279	0,001	0,012	0,027	FALSE
-0,005	0,285	0,000	0,011	0,008	FALSE
0,043	0,280	0,001	0,012	0,027	FALSE

0,016	0,292	0,002	0,014	0,058	FALSE
0,007	0,275	0,000	0,013	0,010	FALSE
-0,127	0,271	-0,002	0,009	0,094	FALSE
0,040	0,295	0,002	0,015	0,037	FALSE
0,056	0,278	0,000	0,014	0,006	FALSE
0,166	0,263	0,004	0,008	0,195	FALSE
0,186	0,270	0,004	0,009	0,195	FALSE
0,172	0,285	0,004	0,009	0,163	FALSE
0,001	0,282	0,000	0,008	0,016	FALSE
-0,137	0,291	-0,009	0,014	0,299	FALSE
-0,008	0,280	0,001	0,009	0,046	FALSE
0,093	0,289	0,001	0,013	0,021	FALSE
0,140	0,297	0,003	0,010	0,099	FALSE
0,083	0,295	0,001	0,010	0,054	FALSE
0,002	0,278	0,002	0,013	0,065	FALSE
-0,188	0,278	-0,005	0,011	0,181	FALSE
-0,076	0,274	-0,001	0,008	0,026	FALSE
0,029	0,268	-0,001	0,010	0,033	FALSE
-0,025	0,291	0,000	0,014	0,008	FALSE
-0,103	0,282	-0,004	0,015	0,099	FALSE
-0,106	0,286	-0,004	0,014	0,099	FALSE
-0,157	0,290	-0,004	0,008	0,176	FALSE
-0,037	0,265	-0,003	0,010	0,117	FALSE
-0,018	0,274	-0,002	0,010	0,085	FALSE
0,043	0,277	0,000	0,008	0,008	FALSE
-0,055	0,280	-0,001	0,009	0,027	FALSE
0,047	0,277	0,003	0,015	0,065	FALSE
-0,027	0,287	-0,002	0,011	0,078	FALSE
-0,067	0,279	-0,002	0,007	0,081	FALSE
0,056	0,282	0,000	0,012	0,007	FALSE
0,069	0,282	0,001	0,015	0,012	FALSE
0,066	0,277	-0,001	0,014	0,026	FALSE
0,069	0,280	0,000	0,015	0,009	FALSE
0,053	0,285	0,000	0,015	0,002	FALSE
0,045	0,288	-0,001	0,014	0,016	FALSE
-0,032	0,289	-0,002	0,010	0,079	FALSE
-0,093	0,286	-0,001	0,008	0,057	FALSE
0,090	0,275	0,000	0,011	0,009	FALSE
0,043	0,272	0,000	0,015	0,006	FALSE
0,049	0,273	0,000	0,009	0,000	FALSE
-0,026	0,295	-0,002	0,014	0,040	FALSE
-0,011	0,279	-0,002	0,009	0,082	FALSE
0,022	0,282	0,003	0,014	0,070	FALSE
-0,070	0,291	-0,003	0,016	0,075	FALSE
-0,035	0,291	-0,001	0,015	0,030	FALSE
0,039	0,285	0,001	0,009	0,046	FALSE
-0,119	0,292	-0,003	0,008	0,151	FALSE
0,139	0,272	0,005	0,015	0,118	FALSE
0,094	0,276	0,001	0,008	0,052	FALSE
-0,096	0,278	0,000	0,013	0,001	FALSE
-0,099	0,283	-0,004	0,011	0,127	FALSE
-0,166	0,272	-0,004	0,011	0,160	FALSE
0,152	0,268	0,003	0,008	0,141	FALSE

0,188	0,278	0,005	0,010	0,230	FALSE
-0,022	0,284	0,000	0,009	0,018	FALSE
-0,094	0,285	-0,003	0,008	0,128	FALSE
0,029	0,290	0,001	0,013	0,016	FALSE
-0,026	0,277	-0,002	0,011	0,055	FALSE
-0,062	0,292	-0,004	0,015	0,107	FALSE
-0,058	0,285	-0,003	0,012	0,109	FALSE
-0,131	0,287	-0,007	0,014	0,205	FALSE
-0,172	0,286	-0,007	0,012	0,246	FALSE
-0,041	0,283	-0,004	0,015	0,092	FALSE
0,031	0,283	0,000	0,013	0,004	FALSE
-0,047	0,290	-0,001	0,014	0,020	FALSE
0,019	0,289	0,002	0,012	0,060	FALSE
0,148	0,282	0,004	0,009	0,213	FALSE
-0,082	0,287	-0,003	0,010	0,130	FALSE
-0,188	0,287	-0,008	0,013	0,281	FALSE
-0,026	0,289	0,000	0,008	0,006	FALSE
0,059	0,288	0,002	0,011	0,069	FALSE
0,080	0,294	0,003	0,008	0,137	FALSE
-0,155	0,290	-0,004	0,010	0,170	FALSE
-0,046	0,281	-0,001	0,013	0,019	FALSE
-0,107	0,283	-0,004	0,010	0,154	FALSE
-0,158	0,277	-0,008	0,013	0,276	FALSE
0,006	0,292	0,001	0,014	0,038	FALSE
0,191	0,288	0,005	0,008	0,310	FALSE
0,126	0,300	0,005	0,012	0,173	FALSE
0,121	0,277	0,003	0,008	0,166	FALSE
0,042	0,292	0,001	0,007	0,044	FALSE
0,100	0,286	0,005	0,011	0,173	FALSE
-0,017	0,280	0,000	0,014	0,005	FALSE
0,015	0,295	0,000	0,010	0,004	FALSE
0,005	0,277	-0,004	0,013	0,126	FALSE
0,027	0,288	-0,003	0,015	0,081	FALSE
0,011	0,286	-0,004	0,015	0,097	FALSE
0,025	0,278	0,004	0,014	0,122	FALSE
-0,048	0,275	-0,005	0,014	0,158	FALSE
0,108	0,288	0,006	0,014	0,173	FALSE
0,037	0,288	0,001	0,008	0,067	FALSE
-0,109	0,276	-0,003	0,013	0,090	FALSE
0,126	0,292	0,004	0,010	0,154	FALSE
-0,046	0,290	-0,004	0,014	0,098	FALSE
0,189	0,285	0,008	0,014	0,270	FALSE
0,038	0,302	0,002	0,011	0,060	FALSE
0,096	0,290	0,002	0,010	0,060	FALSE
0,023	0,282	0,002	0,011	0,080	FALSE
-0,094	0,278	-0,002	0,007	0,097	FALSE
-0,110	0,270	-0,001	0,015	0,032	FALSE
-0,135	0,277	-0,003	0,010	0,122	FALSE
0,066	0,282	0,002	0,014	0,044	FALSE
0,054	0,284	0,004	0,012	0,117	FALSE
0,073	0,278	0,000	0,013	0,005	FALSE
0,043	0,294	0,001	0,007	0,047	FALSE
-0,072	0,287	-0,001	0,015	0,022	FALSE

0,065	0,294	0,001	0,007	0,051	FALSE
-0,026	0,289	0,001	0,010	0,031	FALSE
-0,051	0,300	0,000	0,010	0,013	FALSE
0,008	0,273	-0,001	0,011	0,031	FALSE
-0,079	0,293	-0,002	0,013	0,062	FALSE
0,061	0,280	0,004	0,012	0,125	FALSE
-0,018	0,291	0,000	0,012	0,014	FALSE
-0,096	0,277	-0,005	0,013	0,169	FALSE
-0,097	0,295	-0,002	0,009	0,064	FALSE
0,053	0,280	0,001	0,013	0,034	FALSE
0,079	0,290	0,003	0,013	0,082	FALSE
0,000	0,285	0,002	0,008	0,091	FALSE
-0,027	0,290	0,000	0,012	0,003	FALSE
-0,067	0,284	-0,004	0,013	0,104	FALSE
-0,039	0,294	-0,003	0,014	0,081	FALSE
0,130	0,282	0,004	0,011	0,159	FALSE
-0,015	0,287	-0,002	0,014	0,047	FALSE
-0,080	0,283	-0,002	0,008	0,095	FALSE
-0,110	0,287	-0,003	0,009	0,147	FALSE
-0,078	0,277	-0,004	0,010	0,156	FALSE
-0,003	0,282	0,000	0,011	0,008	FALSE
0,085	0,277	0,005	0,013	0,153	FALSE
-0,069	0,293	-0,002	0,013	0,056	FALSE
0,152	0,282	0,007	0,014	0,202	FALSE
0,217	0,283	0,007	0,010	0,299	FALSE
-0,019	0,289	0,000	0,012	0,012	FALSE
0,216	0,289	0,008	0,011	0,336	FALSE
-0,010	0,283	-0,001	0,010	0,021	FALSE
0,057	0,274	0,001	0,009	0,022	FALSE
0,048	0,285	0,002	0,009	0,094	FALSE
0,153	0,280	0,005	0,007	0,317	FALSE
0,027	0,283	-0,001	0,011	0,034	FALSE
0,046	0,286	0,001	0,007	0,057	FALSE
0,000	0,289	0,000	0,014	0,007	FALSE
0,187	0,275	0,006	0,010	0,265	FALSE
0,126	0,280	0,003	0,009	0,145	FALSE
-0,047	0,295	-0,001	0,009	0,023	FALSE
-0,042	0,293	0,000	0,009	0,011	FALSE
0,072	0,284	0,001	0,012	0,045	FALSE
0,054	0,276	0,000	0,008	0,005	FALSE
0,013	0,286	0,001	0,011	0,022	FALSE
0,061	0,282	0,000	0,009	0,002	FALSE
-0,069	0,293	-0,002	0,008	0,101	FALSE
0,151	0,293	0,003	0,010	0,141	FALSE
0,023	0,294	0,001	0,008	0,050	FALSE
-0,132	0,280	-0,006	0,014	0,158	FALSE
0,051	0,290	0,000	0,012	0,005	FALSE
0,066	0,268	0,000	0,010	0,005	FALSE
0,107	0,299	0,003	0,010	0,141	FALSE
0,070	0,300	0,003	0,010	0,127	FALSE
0,062	0,295	0,003	0,011	0,109	FALSE
-0,036	0,286	-0,002	0,007	0,119	FALSE
-0,193	0,269	-0,005	0,011	0,179	FALSE

0,194	0,279	0,004	0,008	0,227	FALSE
-0,051	0,293	-0,003	0,015	0,078	FALSE
0,089	0,283	0,001	0,012	0,027	FALSE
-0,112	0,272	-0,004	0,010	0,174	FALSE
-0,190	0,270	-0,004	0,007	0,274	FALSE
-0,051	0,292	-0,001	0,012	0,023	FALSE
0,031	0,303	-0,001	0,012	0,016	FALSE
-0,019	0,294	0,001	0,010	0,020	FALSE
-0,075	0,288	-0,005	0,015	0,126	FALSE
-0,167	0,287	-0,004	0,009	0,188	FALSE
-0,112	0,286	-0,003	0,008	0,159	FALSE
-0,029	0,277	0,000	0,015	0,000	FALSE
0,020	0,293	0,000	0,014	0,001	FALSE
-0,056	0,290	-0,002	0,009	0,084	FALSE
-0,048	0,289	-0,003	0,009	0,106	FALSE
0,193	0,274	0,006	0,009	0,307	FALSE
0,017	0,282	0,000	0,014	0,005	FALSE
0,065	0,286	0,002	0,012	0,050	FALSE
0,102	0,275	0,004	0,008	0,199	FALSE
0,152	0,290	0,005	0,010	0,218	FALSE
-0,057	0,270	-0,003	0,011	0,089	FALSE
0,133	0,285	0,003	0,008	0,134	FALSE
0,120	0,281	0,004	0,010	0,160	FALSE
-0,088	0,288	-0,002	0,009	0,078	FALSE
0,002	0,289	-0,002	0,014	0,040	FALSE
-0,136	0,279	-0,007	0,014	0,196	FALSE
-0,069	0,297	-0,001	0,008	0,059	FALSE
-0,094	0,286	-0,006	0,014	0,169	FALSE
0,063	0,287	0,002	0,008	0,078	FALSE
-0,154	0,280	-0,003	0,009	0,140	FALSE
-0,166	0,295	-0,004	0,010	0,166	FALSE
-0,114	0,286	-0,004	0,011	0,165	FALSE
-0,107	0,290	-0,002	0,008	0,110	FALSE
-0,022	0,273	-0,003	0,014	0,084	FALSE
-0,052	0,287	-0,003	0,013	0,085	FALSE
-0,051	0,293	-0,003	0,012	0,088	FALSE
-0,032	0,291	-0,002	0,012	0,053	FALSE
-0,052	0,285	-0,003	0,011	0,115	FALSE
-0,165	0,288	-0,006	0,015	0,170	FALSE
0,083	0,274	0,000	0,010	0,011	FALSE
0,161	0,291	0,006	0,016	0,151	FALSE
-0,065	0,292	-0,003	0,013	0,102	FALSE
0,178	0,281	0,006	0,008	0,317	FALSE
-0,140	0,303	-0,004	0,008	0,202	FALSE
-0,125	0,296	-0,006	0,011	0,219	FALSE
0,093	0,298	0,002	0,008	0,109	FALSE
-0,127	0,276	-0,003	0,007	0,173	FALSE
0,032	0,301	0,001	0,012	0,036	FALSE
0,114	0,293	0,003	0,007	0,184	FALSE
0,041	0,281	0,001	0,010	0,045	FALSE
-0,077	0,287	-0,002	0,013	0,054	FALSE
0,204	0,270	0,004	0,008	0,212	FALSE
0,053	0,284	0,002	0,011	0,061	FALSE

0,167	0,281	0,002	0,008	0,114	FALSE
-0,093	0,273	-0,005	0,015	0,145	FALSE
0,097	0,306	0,003	0,010	0,112	FALSE
0,076	0,287	0,001	0,009	0,049	FALSE
0,046	0,295	0,004	0,014	0,097	FALSE
-0,138	0,277	-0,006	0,012	0,200	FALSE
0,103	0,287	0,003	0,009	0,115	FALSE
-0,049	0,291	-0,002	0,012	0,063	FALSE
-0,105	0,277	-0,004	0,009	0,196	FALSE
-0,135	0,284	-0,007	0,012	0,260	FALSE
-0,058	0,280	-0,005	0,015	0,128	FALSE
-0,087	0,277	-0,004	0,009	0,200	FALSE
-0,037	0,293	-0,001	0,013	0,033	FALSE
0,059	0,287	0,002	0,010	0,079	FALSE
0,127	0,287	0,006	0,011	0,227	FALSE
0,099	0,294	0,006	0,012	0,204	FALSE
-0,127	0,285	-0,004	0,010	0,155	FALSE
-0,041	0,292	-0,001	0,009	0,032	FALSE
-0,050	0,288	-0,002	0,009	0,098	FALSE
0,063	0,290	0,003	0,008	0,155	FALSE
0,144	0,287	0,002	0,008	0,113	FALSE
-0,062	0,292	0,000	0,007	0,004	FALSE
0,003	0,301	0,001	0,015	0,014	FALSE
-0,112	0,279	-0,003	0,014	0,091	FALSE
0,081	0,306	0,005	0,016	0,128	FALSE
0,219	0,288	0,006	0,010	0,246	FALSE
0,065	0,287	0,001	0,012	0,035	FALSE
0,186	0,293	0,007	0,015	0,197	FALSE
0,025	0,288	0,001	0,010	0,053	FALSE
-0,114	0,280	-0,002	0,008	0,116	FALSE
0,077	0,272	0,001	0,014	0,024	FALSE
0,001	0,295	-0,001	0,008	0,054	FALSE
0,088	0,281	0,006	0,011	0,225	FALSE
-0,030	0,288	0,000	0,009	0,014	FALSE
0,136	0,290	0,006	0,013	0,192	FALSE
0,106	0,279	0,001	0,012	0,037	FALSE
0,096	0,280	0,003	0,008	0,175	FALSE
0,071	0,302	0,004	0,013	0,122	FALSE
0,006	0,271	-0,003	0,011	0,097	FALSE
-0,061	0,281	-0,002	0,009	0,077	FALSE
-0,056	0,285	-0,002	0,009	0,084	FALSE
-0,073	0,285	-0,002	0,009	0,086	FALSE
-0,040	0,268	-0,001	0,009	0,052	FALSE
0,020	0,291	0,001	0,014	0,015	FALSE
0,190	0,286	0,006	0,010	0,234	TRUE
-0,026	0,289	-0,003	0,015	0,080	FALSE
-0,087	0,277	-0,003	0,007	0,144	FALSE
0,028	0,284	0,000	0,014	0,002	FALSE
-0,171	0,271	-0,004	0,007	0,267	FALSE
-0,163	0,269	-0,004	0,007	0,237	FALSE
-0,139	0,282	-0,004	0,008	0,200	FALSE
0,017	0,286	0,001	0,010	0,036	FALSE
0,052	0,299	0,001	0,015	0,020	FALSE

0,036	0,294	0,002	0,009	0,079	FALSE
0,031	0,301	0,002	0,009	0,061	FALSE
0,018	0,287	0,000	0,011	0,014	FALSE
-0,196	0,283	-0,010	0,015	0,283	TRUE
-0,139	0,276	-0,006	0,011	0,266	FALSE
0,170	0,292	0,005	0,012	0,171	FALSE
0,047	0,276	0,002	0,010	0,064	FALSE
-0,044	0,293	-0,002	0,010	0,061	FALSE
-0,126	0,286	-0,005	0,015	0,147	FALSE
-0,168	0,269	-0,006	0,010	0,249	FALSE
0,046	0,272	0,002	0,009	0,105	FALSE
0,059	0,300	0,003	0,012	0,107	FALSE
0,080	0,297	0,004	0,012	0,136	FALSE
0,033	0,287	0,002	0,010	0,078	FALSE
-0,017	0,281	-0,001	0,009	0,052	FALSE
-0,019	0,279	0,000	0,009	0,002	FALSE
-0,025	0,282	0,001	0,015	0,024	FALSE
-0,026	0,282	0,001	0,011	0,023	FALSE
0,006	0,301	0,000	0,008	0,018	FALSE
-0,128	0,287	-0,008	0,013	0,251	FALSE
-0,028	0,287	0,000	0,011	0,004	FALSE
-0,109	0,287	-0,001	0,007	0,071	FALSE
0,080	0,292	0,003	0,008	0,121	FALSE
0,027	0,288	0,002	0,012	0,074	FALSE
-0,019	0,296	-0,002	0,015	0,060	FALSE
0,073	0,300	0,002	0,009	0,091	FALSE
0,031	0,294	0,004	0,013	0,104	FALSE
-0,117	0,286	-0,002	0,008	0,076	FALSE
-0,128	0,273	-0,005	0,010	0,214	FALSE
-0,069	0,294	-0,001	0,007	0,074	FALSE
-0,025	0,283	0,000	0,008	0,020	FALSE
0,216	0,280	0,004	0,008	0,221	FALSE
0,188	0,282	0,008	0,015	0,223	FALSE
-0,149	0,292	-0,004	0,008	0,177	FALSE
-0,031	0,292	-0,001	0,015	0,014	FALSE
-0,005	0,285	0,000	0,010	0,010	FALSE
-0,067	0,294	-0,001	0,008	0,067	FALSE
-0,058	0,295	-0,001	0,008	0,064	FALSE
-0,196	0,276	-0,004	0,009	0,212	FALSE
-0,185	0,284	-0,006	0,012	0,204	FALSE
-0,079	0,286	-0,001	0,009	0,057	FALSE
-0,155	0,284	-0,003	0,008	0,162	FALSE
-0,083	0,280	-0,002	0,008	0,073	FALSE
-0,097	0,286	-0,002	0,009	0,082	FALSE
0,076	0,290	0,003	0,015	0,074	FALSE
-0,103	0,283	-0,004	0,011	0,135	FALSE
-0,037	0,291	-0,002	0,008	0,103	FALSE
0,077	0,298	0,005	0,015	0,118	FALSE
0,154	0,274	0,002	0,009	0,061	FALSE
0,161	0,291	0,008	0,014	0,252	FALSE
0,227	0,273	0,005	0,008	0,284	FALSE
-0,107	0,282	-0,003	0,012	0,081	FALSE
0,051	0,283	0,001	0,009	0,041	FALSE

-0,062	0,285	-0,001	0,010	0,022	FALSE
-0,020	0,284	-0,002	0,007	0,089	FALSE
-0,206	0,277	-0,008	0,013	0,283	FALSE
0,027	0,297	0,000	0,010	0,006	FALSE
-0,036	0,290	-0,001	0,009	0,032	FALSE
0,033	0,292	0,002	0,008	0,069	FALSE
0,151	0,288	0,005	0,007	0,273	FALSE
0,084	0,285	0,003	0,009	0,138	FALSE
0,134	0,294	0,005	0,013	0,167	FALSE
-0,056	0,288	-0,001	0,009	0,044	FALSE
0,136	0,281	0,005	0,012	0,171	FALSE
-0,220	0,291	-0,007	0,012	0,239	FALSE
0,057	0,297	0,001	0,011	0,038	FALSE
0,041	0,289	0,004	0,015	0,112	FALSE
-0,066	0,287	-0,003	0,014	0,073	FALSE
0,021	0,295	0,000	0,010	0,010	FALSE
0,006	0,273	0,004	0,014	0,121	FALSE
-0,137	0,290	-0,004	0,015	0,105	FALSE
-0,142	0,282	-0,005	0,014	0,128	FALSE
-0,108	0,272	-0,003	0,015	0,079	FALSE
-0,153	0,289	-0,005	0,015	0,121	FALSE
0,081	0,281	0,002	0,015	0,060	FALSE
0,188	0,280	0,003	0,009	0,141	FALSE
-0,067	0,291	-0,002	0,012	0,046	FALSE
0,194	0,274	0,006	0,010	0,225	FALSE
0,190	0,287	0,004	0,010	0,168	FALSE
-0,097	0,289	-0,001	0,008	0,059	FALSE
-0,157	0,275	-0,002	0,007	0,135	FALSE
-0,062	0,278	-0,002	0,009	0,063	FALSE
-0,090	0,289	-0,003	0,007	0,143	FALSE
-0,013	0,286	-0,002	0,015	0,061	FALSE
-0,041	0,303	-0,002	0,012	0,068	FALSE
0,062	0,280	0,001	0,008	0,040	FALSE
0,108	0,291	0,004	0,011	0,137	FALSE
-0,012	0,297	0,000	0,008	0,001	FALSE
0,034	0,291	0,001	0,009	0,023	FALSE
-0,041	0,279	0,000	0,012	0,008	FALSE
-0,017	0,287	0,001	0,015	0,020	FALSE
-0,018	0,281	0,000	0,009	0,006	FALSE
0,086	0,274	0,000	0,015	0,010	FALSE
0,049	0,294	0,002	0,008	0,096	FALSE
-0,047	0,296	-0,002	0,010	0,059	FALSE
0,004	0,288	0,000	0,014	0,001	FALSE
-0,049	0,291	-0,002	0,009	0,069	FALSE
0,100	0,290	0,003	0,013	0,098	FALSE
0,164	0,291	0,010	0,015	0,292	FALSE
-0,064	0,281	0,000	0,008	0,017	FALSE
-0,018	0,292	-0,001	0,007	0,052	FALSE
0,063	0,291	0,000	0,011	0,006	FALSE
-0,046	0,285	-0,003	0,014	0,081	FALSE
0,052	0,277	-0,001	0,014	0,017	FALSE
0,159	0,288	0,004	0,012	0,138	FALSE
-0,068	0,284	-0,004	0,011	0,145	FALSE

0,065	0,273	0,003	0,015	0,089	FALSE
0,051	0,294	0,001	0,008	0,059	FALSE
0,115	0,280	0,007	0,012	0,227	FALSE
-0,161	0,289	-0,004	0,009	0,192	FALSE
0,115	0,283	0,003	0,014	0,080	FALSE
-0,164	0,281	-0,007	0,014	0,198	FALSE
-0,240	0,277	-0,008	0,010	0,362	FALSE
0,057	0,288	0,001	0,008	0,039	FALSE
-0,026	0,277	-0,002	0,011	0,055	FALSE
0,045	0,279	0,001	0,013	0,016	FALSE
0,003	0,290	0,000	0,012	0,005	FALSE
0,164	0,277	0,005	0,015	0,129	FALSE
-0,073	0,277	-0,003	0,014	0,082	FALSE
0,210	0,273	0,009	0,014	0,299	FALSE
0,199	0,273	0,010	0,014	0,315	FALSE
-0,155	0,295	-0,007	0,015	0,208	FALSE
-0,044	0,285	-0,001	0,010	0,041	FALSE
-0,032	0,297	-0,003	0,014	0,076	FALSE
-0,026	0,296	0,000	0,010	0,009	FALSE
-0,071	0,302	-0,001	0,009	0,036	FALSE
-0,022	0,291	0,000	0,012	0,013	FALSE
0,081	0,277	0,005	0,014	0,146	FALSE
-0,023	0,284	-0,001	0,008	0,039	FALSE
-0,054	0,285	0,000	0,010	0,004	FALSE
0,050	0,282	0,002	0,013	0,049	FALSE
-0,043	0,289	-0,003	0,013	0,076	FALSE
-0,026	0,278	-0,002	0,009	0,091	FALSE
-0,120	0,288	-0,004	0,010	0,154	FALSE
0,061	0,291	0,002	0,009	0,097	FALSE
0,006	0,284	0,000	0,007	0,008	FALSE
0,016	0,305	-0,001	0,015	0,028	FALSE
0,058	0,290	0,001	0,015	0,024	FALSE
-0,011	0,277	-0,001	0,012	0,017	FALSE
0,004	0,267	0,000	0,007	0,020	FALSE
0,066	0,303	0,005	0,015	0,137	FALSE
0,066	0,283	0,004	0,012	0,132	FALSE
0,029	0,296	0,002	0,013	0,046	FALSE
0,028	0,281	0,003	0,014	0,072	FALSE
0,033	0,295	0,001	0,008	0,060	FALSE
-0,015	0,299	0,001	0,009	0,034	FALSE
-0,089	0,294	-0,005	0,015	0,122	FALSE
-0,183	0,280	-0,004	0,008	0,203	FALSE
-0,108	0,293	-0,002	0,008	0,096	FALSE
0,162	0,287	0,005	0,011	0,212	FALSE
0,109	0,267	0,003	0,014	0,080	FALSE
-0,054	0,292	0,000	0,009	0,013	FALSE
0,029	0,282	0,001	0,008	0,047	FALSE
-0,117	0,291	-0,004	0,011	0,159	FALSE
0,019	0,285	0,002	0,014	0,048	FALSE
0,116	0,292	0,004	0,008	0,180	FALSE
0,044	0,288	0,002	0,010	0,085	FALSE
0,050	0,289	0,001	0,014	0,024	FALSE
0,024	0,291	0,001	0,014	0,027	FALSE

-0,036	0,285	0,000	0,009	0,008	FALSE
-0,114	0,288	-0,001	0,013	0,043	FALSE
-0,014	0,276	-0,003	0,009	0,117	FALSE
-0,001	0,296	0,000	0,013	0,004	FALSE
-0,040	0,292	0,000	0,010	0,011	FALSE
0,095	0,294	0,004	0,013	0,107	FALSE
-0,028	0,284	-0,001	0,011	0,042	FALSE
-0,056	0,297	0,000	0,007	0,001	FALSE
0,098	0,292	0,004	0,012	0,124	FALSE
-0,041	0,287	-0,001	0,008	0,069	FALSE
0,150	0,282	0,005	0,009	0,250	FALSE
0,081	0,295	0,002	0,011	0,082	FALSE
0,022	0,278	-0,001	0,008	0,047	FALSE
-0,010	0,289	0,000	0,009	0,015	FALSE
-0,159	0,283	-0,006	0,015	0,176	FALSE
0,037	0,287	0,001	0,010	0,024	FALSE
-0,024	0,278	-0,002	0,011	0,053	FALSE
-0,020	0,287	-0,002	0,012	0,050	FALSE
0,000	0,292	-0,001	0,012	0,027	FALSE
-0,009	0,287	-0,002	0,012	0,051	FALSE
0,098	0,279	0,002	0,010	0,076	FALSE
0,029	0,294	0,002	0,010	0,069	FALSE
0,146	0,288	0,007	0,014	0,221	FALSE
0,048	0,275	0,000	0,008	0,018	FALSE
-0,153	0,279	-0,004	0,007	0,201	FALSE
-0,040	0,283	-0,003	0,008	0,122	FALSE
-0,180	0,285	-0,005	0,011	0,196	FALSE
-0,143	0,287	-0,005	0,012	0,166	FALSE
0,092	0,283	0,004	0,015	0,089	FALSE
-0,091	0,283	-0,002	0,009	0,069	FALSE
0,101	0,275	0,002	0,007	0,124	FALSE
0,040	0,271	0,002	0,012	0,076	FALSE
0,006	0,278	0,000	0,012	0,013	FALSE
-0,131	0,275	-0,004	0,012	0,115	FALSE
0,013	0,294	-0,002	0,015	0,038	FALSE
0,098	0,284	0,006	0,014	0,173	FALSE
0,076	0,292	0,003	0,008	0,133	FALSE
0,056	0,290	0,002	0,013	0,065	FALSE
-0,064	0,288	-0,003	0,011	0,096	FALSE
-0,102	0,292	-0,003	0,009	0,134	FALSE
-0,087	0,279	-0,003	0,011	0,106	FALSE
-0,039	0,280	0,002	0,010	0,061	FALSE
0,130	0,280	0,003	0,010	0,101	FALSE
0,097	0,285	0,007	0,014	0,208	FALSE
-0,153	0,275	-0,005	0,011	0,169	FALSE
0,034	0,278	0,000	0,015	0,004	FALSE
0,062	0,294	0,004	0,015	0,094	FALSE
-0,049	0,285	-0,002	0,013	0,043	FALSE
-0,235	0,279	-0,006	0,009	0,291	FALSE
-0,235	0,261	-0,009	0,014	0,265	FALSE
0,211	0,275	0,009	0,012	0,338	FALSE
-0,188	0,280	-0,006	0,015	0,181	FALSE
0,005	0,286	-0,001	0,009	0,051	FALSE

0,016	0,289	-0,001	0,009	0,028	FALSE
0,015	0,286	-0,001	0,009	0,030	FALSE
0,014	0,287	0,001	0,015	0,015	FALSE
0,224	0,275	0,011	0,013	0,382	FALSE
0,020	0,300	0,002	0,007	0,122	FALSE
0,128	0,296	0,006	0,014	0,183	FALSE
0,112	0,276	0,005	0,012	0,168	FALSE
0,150	0,290	0,006	0,008	0,309	FALSE
0,117	0,283	0,004	0,014	0,116	FALSE
-0,070	0,293	-0,002	0,013	0,049	FALSE
0,042	0,292	0,000	0,013	0,013	FALSE
0,055	0,281	0,002	0,013	0,050	FALSE
-0,008	0,283	0,000	0,015	0,011	FALSE
0,003	0,283	0,000	0,014	0,008	FALSE
-0,031	0,298	0,000	0,011	0,013	FALSE
0,164	0,295	0,005	0,010	0,213	FALSE
-0,116	0,280	-0,004	0,014	0,108	FALSE
-0,064	0,286	-0,002	0,009	0,066	FALSE
0,005	0,284	0,000	0,013	0,004	FALSE
0,031	0,299	0,000	0,013	0,011	FALSE
0,075	0,285	0,002	0,009	0,091	FALSE
-0,034	0,297	0,000	0,010	0,007	FALSE
-0,049	0,280	-0,002	0,008	0,090	FALSE
-0,065	0,289	-0,002	0,007	0,083	FALSE
0,063	0,290	0,005	0,014	0,145	FALSE
0,109	0,288	0,004	0,011	0,138	FALSE
-0,003	0,289	0,001	0,012	0,038	FALSE
0,097	0,291	0,003	0,009	0,116	FALSE
0,136	0,291	0,004	0,010	0,142	FALSE
0,127	0,277	0,005	0,013	0,170	FALSE
0,111	0,284	0,003	0,010	0,127	FALSE
-0,063	0,305	-0,002	0,010	0,083	FALSE
-0,083	0,274	-0,003	0,010	0,099	FALSE
0,069	0,274	0,002	0,012	0,048	FALSE
0,059	0,287	0,001	0,009	0,046	FALSE
-0,139	0,285	-0,004	0,014	0,108	FALSE
0,091	0,288	0,003	0,012	0,087	FALSE
-0,001	0,289	-0,001	0,013	0,023	FALSE
0,033	0,276	0,001	0,013	0,034	FALSE
0,009	0,285	-0,001	0,013	0,021	FALSE
-0,045	0,278	-0,002	0,014	0,063	FALSE
-0,038	0,278	-0,002	0,014	0,047	FALSE
0,045	0,289	0,005	0,015	0,128	FALSE
0,071	0,290	0,001	0,011	0,047	FALSE
0,076	0,289	0,003	0,011	0,106	FALSE
-0,064	0,285	-0,002	0,008	0,079	FALSE
0,117	0,287	0,002	0,012	0,067	FALSE
0,149	0,292	0,008	0,015	0,239	FALSE
0,151	0,286	0,009	0,014	0,262	FALSE
-0,041	0,281	-0,002	0,009	0,092	FALSE
0,040	0,273	0,002	0,009	0,070	FALSE
-0,002	0,293	0,001	0,013	0,017	FALSE
0,118	0,294	0,003	0,014	0,095	FALSE

0,007	0,290	-0,001	0,011	0,037	FALSE
0,079	0,296	0,002	0,008	0,097	FALSE
0,050	0,283	0,000	0,012	0,003	FALSE
0,146	0,281	0,003	0,009	0,146	FALSE
0,067	0,284	0,002	0,013	0,055	FALSE
0,067	0,291	0,002	0,013	0,050	FALSE
-0,056	0,281	0,000	0,008	0,009	FALSE
0,029	0,275	0,002	0,011	0,062	FALSE
0,066	0,292	0,001	0,008	0,044	FALSE
-0,016	0,284	-0,002	0,008	0,088	FALSE
-0,069	0,288	-0,003	0,007	0,150	FALSE
0,002	0,267	-0,003	0,013	0,089	FALSE
-0,051	0,289	-0,003	0,013	0,091	FALSE
-0,057	0,281	-0,003	0,014	0,084	FALSE
0,049	0,294	0,001	0,015	0,016	FALSE
-0,071	0,285	-0,004	0,013	0,122	FALSE
-0,006	0,296	-0,001	0,009	0,030	FALSE
0,152	0,286	0,005	0,011	0,189	FALSE
0,052	0,288	0,003	0,014	0,070	FALSE
0,076	0,277	0,002	0,010	0,057	FALSE
0,031	0,278	0,000	0,010	0,005	FALSE
0,119	0,290	0,004	0,008	0,226	FALSE
0,062	0,282	0,005	0,013	0,160	FALSE
0,135	0,295	0,004	0,008	0,229	FALSE
-0,067	0,295	-0,006	0,015	0,161	FALSE
0,052	0,293	0,001	0,015	0,033	FALSE
-0,070	0,284	-0,003	0,011	0,118	FALSE
-0,080	0,285	-0,002	0,010	0,081	FALSE
0,092	0,289	0,004	0,012	0,139	FALSE
0,105	0,272	0,002	0,009	0,081	FALSE
-0,118	0,278	-0,007	0,013	0,243	FALSE
0,120	0,276	0,004	0,007	0,211	FALSE
-0,014	0,307	-0,001	0,011	0,040	FALSE
0,163	0,270	0,008	0,014	0,250	FALSE
-0,116	0,300	-0,002	0,011	0,084	FALSE
-0,099	0,281	-0,004	0,008	0,194	FALSE
0,034	0,284	-0,001	0,007	0,041	FALSE
-0,068	0,282	-0,003	0,012	0,092	FALSE
0,083	0,294	0,000	0,011	0,013	FALSE
-0,003	0,282	0,000	0,009	0,014	FALSE
0,126	0,302	0,004	0,008	0,218	FALSE
-0,202	0,271	-0,005	0,008	0,290	FALSE
-0,124	0,302	-0,003	0,010	0,136	FALSE
0,058	0,291	0,003	0,007	0,158	FALSE
-0,064	0,286	-0,005	0,013	0,153	FALSE
0,108	0,291	0,005	0,012	0,169	FALSE
0,048	0,276	0,004	0,014	0,118	FALSE
0,078	0,288	0,005	0,015	0,147	FALSE
0,095	0,284	0,006	0,014	0,176	FALSE
0,109	0,286	0,004	0,010	0,163	FALSE
0,096	0,296	0,002	0,010	0,075	FALSE
0,082	0,281	0,001	0,010	0,038	FALSE
0,001	0,300	0,000	0,008	0,010	FALSE

-0,114	0,285	-0,003	0,009	0,146	FALSE
-0,026	0,296	0,002	0,009	0,065	FALSE
-0,029	0,277	-0,001	0,008	0,044	FALSE
0,065	0,279	0,000	0,008	0,001	FALSE
0,060	0,282	-0,001	0,008	0,024	FALSE
0,037	0,284	0,000	0,011	0,010	FALSE
0,024	0,294	0,000	0,011	0,003	FALSE
0,018	0,287	-0,002	0,014	0,063	FALSE
0,032	0,288	0,001	0,010	0,028	FALSE
0,055	0,282	0,002	0,012	0,060	FALSE
0,029	0,301	0,000	0,009	0,013	FALSE
0,007	0,294	0,000	0,012	0,000	FALSE
-0,092	0,302	-0,003	0,012	0,079	FALSE
0,045	0,292	0,001	0,008	0,057	FALSE
-0,077	0,297	-0,001	0,010	0,047	FALSE
0,022	0,287	0,002	0,012	0,052	FALSE
0,035	0,281	0,000	0,008	0,004	FALSE
-0,043	0,297	-0,002	0,009	0,092	FALSE
0,096	0,274	0,004	0,011	0,158	FALSE
-0,136	0,278	-0,003	0,007	0,164	FALSE
-0,061	0,281	-0,002	0,008	0,081	FALSE
0,010	0,278	0,001	0,007	0,046	FALSE
-0,035	0,281	0,000	0,013	0,008	FALSE
0,065	0,298	0,001	0,010	0,048	FALSE
-0,173	0,282	-0,004	0,012	0,135	FALSE
0,008	0,287	0,000	0,008	0,009	FALSE
-0,043	0,302	-0,003	0,010	0,130	FALSE
-0,096	0,291	-0,003	0,010	0,106	FALSE
-0,112	0,277	-0,006	0,012	0,200	FALSE
-0,030	0,282	-0,002	0,008	0,082	FALSE
-0,014	0,285	0,000	0,008	0,006	FALSE
0,023	0,287	-0,002	0,011	0,062	FALSE
0,090	0,296	0,002	0,008	0,103	FALSE
-0,039	0,288	-0,002	0,012	0,065	FALSE
0,065	0,279	0,001	0,012	0,030	FALSE
0,087	0,279	0,004	0,012	0,114	FALSE
-0,082	0,291	-0,005	0,015	0,133	FALSE
-0,076	0,293	-0,005	0,015	0,120	FALSE
0,069	0,284	0,004	0,014	0,122	FALSE
0,032	0,295	0,003	0,013	0,072	FALSE
0,000	0,288	0,001	0,013	0,028	FALSE
0,066	0,294	0,002	0,014	0,065	FALSE
0,013	0,288	-0,001	0,009	0,024	FALSE
0,050	0,271	0,000	0,009	0,012	FALSE
0,216	0,288	0,004	0,008	0,236	FALSE
-0,041	0,289	0,003	0,015	0,062	FALSE
0,060	0,269	-0,002	0,015	0,056	FALSE
-0,045	0,299	0,000	0,014	0,000	FALSE
-0,079	0,286	-0,002	0,014	0,044	FALSE
-0,092	0,297	-0,003	0,014	0,067	FALSE
-0,116	0,293	-0,003	0,008	0,177	FALSE
-0,037	0,287	-0,002	0,013	0,063	FALSE
-0,136	0,281	-0,005	0,012	0,158	TRUE

-0,017	0,297	-0,003	0,015	0,085	FALSE
-0,026	0,286	-0,004	0,014	0,111	FALSE
0,044	0,292	0,004	0,015	0,101	FALSE
-0,009	0,274	0,002	0,014	0,039	FALSE
0,063	0,298	0,002	0,010	0,063	FALSE
-0,206	0,289	-0,010	0,014	0,310	FALSE
-0,156	0,292	-0,008	0,014	0,252	FALSE
0,226	0,273	0,007	0,015	0,206	FALSE
-0,195	0,284	-0,006	0,013	0,181	FALSE
-0,015	0,277	0,000	0,009	0,008	FALSE
0,002	0,300	0,001	0,008	0,052	FALSE
-0,078	0,290	-0,002	0,010	0,079	FALSE
0,082	0,288	0,005	0,015	0,135	FALSE
0,089	0,290	0,001	0,008	0,064	FALSE
0,034	0,294	0,005	0,013	0,138	FALSE
0,039	0,299	0,000	0,012	0,002	FALSE
-0,060	0,302	-0,005	0,016	0,140	FALSE
0,105	0,292	0,007	0,015	0,190	FALSE
0,057	0,286	0,001	0,009	0,032	FALSE
-0,048	0,271	-0,005	0,014	0,133	FALSE
-0,035	0,289	-0,002	0,013	0,056	FALSE
-0,158	0,299	-0,006	0,010	0,247	FALSE
-0,004	0,293	0,000	0,009	0,005	FALSE
0,030	0,293	0,001	0,010	0,055	FALSE
-0,041	0,274	-0,001	0,014	0,031	FALSE
0,142	0,269	0,003	0,008	0,135	FALSE
-0,085	0,279	-0,001	0,010	0,052	FALSE
0,044	0,286	0,001	0,009	0,044	FALSE
0,065	0,297	0,001	0,009	0,042	FALSE
-0,037	0,271	-0,002	0,007	0,102	FALSE
0,046	0,296	0,003	0,012	0,097	FALSE
0,015	0,294	0,001	0,011	0,037	FALSE
0,145	0,277	0,006	0,011	0,234	FALSE
0,020	0,288	0,001	0,009	0,049	FALSE
0,262	0,275	0,006	0,009	0,348	FALSE
-0,269	0,251	-0,009	0,011	0,396	FALSE
0,078	0,293	0,003	0,013	0,093	FALSE
0,088	0,291	0,003	0,009	0,119	FALSE
0,211	0,278	0,007	0,012	0,239	FALSE
-0,022	0,295	-0,002	0,015	0,052	FALSE
-0,043	0,290	-0,002	0,012	0,075	FALSE
0,199	0,272	0,005	0,008	0,279	FALSE
0,179	0,284	0,004	0,008	0,238	FALSE
-0,023	0,274	0,000	0,010	0,013	FALSE
0,224	0,283	0,009	0,013	0,342	FALSE
-0,026	0,277	-0,002	0,010	0,082	FALSE
0,002	0,288	-0,001	0,008	0,023	FALSE
-0,214	0,271	-0,012	0,014	0,393	FALSE
-0,045	0,303	-0,002	0,015	0,058	FALSE
-0,024	0,292	-0,001	0,015	0,022	FALSE
-0,018	0,301	0,000	0,008	0,001	FALSE
-0,056	0,283	-0,001	0,009	0,055	FALSE
0,073	0,286	0,002	0,007	0,133	FALSE

-0,011	0,293	0,000	0,012	0,010	FALSE
-0,066	0,289	-0,002	0,014	0,052	FALSE
-0,208	0,293	-0,009	0,016	0,251	FALSE
0,021	0,283	0,000	0,011	0,016	FALSE
-0,049	0,289	-0,002	0,014	0,054	FALSE
0,053	0,298	0,005	0,013	0,156	FALSE
-0,009	0,279	0,001	0,010	0,035	FALSE
0,000	0,272	0,001	0,014	0,012	FALSE
0,071	0,276	0,004	0,011	0,151	FALSE
-0,037	0,285	0,000	0,009	0,004	FALSE
-0,076	0,280	-0,003	0,015	0,087	FALSE
0,067	0,271	0,002	0,013	0,044	FALSE
0,081	0,284	0,003	0,013	0,089	FALSE
0,161	0,269	0,004	0,009	0,159	FALSE
-0,060	0,279	0,000	0,014	0,008	FALSE
0,202	0,270	0,008	0,015	0,230	FALSE
-0,031	0,266	-0,004	0,013	0,110	FALSE
-0,085	0,292	-0,002	0,008	0,115	FALSE
0,113	0,292	0,005	0,015	0,137	FALSE
-0,068	0,290	-0,003	0,013	0,098	FALSE
0,061	0,297	0,003	0,009	0,161	FALSE
-0,055	0,278	-0,003	0,012	0,080	FALSE
0,025	0,294	0,001	0,010	0,035	FALSE
0,041	0,294	0,002	0,012	0,047	FALSE
0,065	0,293	0,002	0,009	0,096	FALSE
0,103	0,285	0,004	0,008	0,185	FALSE
-0,090	0,281	-0,003	0,008	0,150	FALSE
-0,036	0,278	0,000	0,012	0,010	FALSE
0,101	0,262	0,000	0,015	0,002	FALSE
-0,032	0,294	-0,002	0,011	0,080	FALSE
0,146	0,272	0,001	0,014	0,024	FALSE
-0,020	0,293	0,003	0,015	0,088	FALSE
0,012	0,280	0,001	0,011	0,049	FALSE
0,115	0,289	0,003	0,008	0,131	FALSE
0,088	0,277	0,005	0,014	0,143	FALSE
-0,059	0,296	-0,001	0,011	0,027	FALSE
-0,005	0,269	0,000	0,013	0,008	FALSE
-0,019	0,285	0,000	0,008	0,011	FALSE
-0,045	0,296	-0,001	0,015	0,034	FALSE
-0,056	0,297	-0,003	0,014	0,067	FALSE
0,019	0,284	0,001	0,008	0,045	FALSE
0,094	0,298	0,004	0,012	0,127	FALSE
0,072	0,291	0,001	0,011	0,047	FALSE
-0,114	0,282	-0,002	0,008	0,105	FALSE
0,016	0,297	0,002	0,010	0,088	FALSE
0,081	0,296	0,002	0,008	0,103	FALSE
0,079	0,287	0,005	0,014	0,153	FALSE
-0,050	0,288	-0,001	0,008	0,059	FALSE
-0,034	0,309	-0,001	0,011	0,046	FALSE
-0,057	0,289	-0,003	0,014	0,070	FALSE
-0,061	0,285	-0,002	0,009	0,102	FALSE
-0,014	0,288	0,000	0,011	0,005	FALSE
-0,041	0,289	0,000	0,008	0,014	FALSE

0,086	0,295	0,002	0,014	0,062	FALSE
0,051	0,303	0,001	0,015	0,017	FALSE
0,089	0,289	0,002	0,008	0,088	FALSE
-0,055	0,289	-0,002	0,014	0,046	FALSE
-0,038	0,272	-0,003	0,010	0,107	FALSE
-0,032	0,274	-0,001	0,008	0,069	FALSE
-0,041	0,287	-0,002	0,008	0,075	FALSE
-0,097	0,289	-0,005	0,014	0,157	FALSE
-0,027	0,295	-0,001	0,009	0,033	FALSE
0,010	0,277	0,001	0,012	0,038	FALSE
0,140	0,289	0,005	0,014	0,148	FALSE
-0,007	0,277	0,001	0,009	0,022	FALSE
-0,091	0,287	-0,001	0,007	0,069	FALSE
-0,035	0,279	-0,001	0,013	0,032	FALSE
0,023	0,294	0,001	0,011	0,043	FALSE
0,099	0,277	0,004	0,014	0,114	FALSE
-0,038	0,287	-0,002	0,014	0,061	FALSE
0,009	0,285	0,000	0,014	0,010	FALSE
-0,077	0,293	-0,002	0,015	0,045	FALSE
0,149	0,284	0,006	0,014	0,169	FALSE
-0,060	0,274	0,000	0,011	0,013	FALSE
-0,163	0,287	-0,009	0,015	0,264	FALSE
-0,047	0,288	-0,005	0,014	0,126	FALSE
0,117	0,293	0,007	0,014	0,199	FALSE
-0,038	0,294	-0,003	0,015	0,085	FALSE
0,026	0,283	0,002	0,015	0,061	FALSE
0,017	0,291	0,000	0,016	0,008	FALSE
-0,151	0,288	-0,006	0,012	0,213	FALSE
-0,097	0,299	-0,003	0,009	0,146	FALSE
0,038	0,275	0,002	0,013	0,062	FALSE
-0,067	0,293	-0,001	0,011	0,019	FALSE
-0,058	0,285	-0,001	0,010	0,055	FALSE
0,218	0,284	0,011	0,016	0,318	FALSE
-0,001	0,297	-0,001	0,014	0,015	FALSE
0,032	0,279	0,001	0,014	0,030	FALSE
-0,017	0,278	0,000	0,008	0,019	FALSE
-0,110	0,293	-0,003	0,008	0,143	FALSE
0,036	0,276	-0,002	0,012	0,045	FALSE
0,165	0,297	0,004	0,009	0,172	FALSE
-0,126	0,282	-0,006	0,012	0,208	FALSE
-0,002	0,294	-0,002	0,013	0,069	FALSE
-0,172	0,278	-0,007	0,013	0,224	FALSE
-0,063	0,282	0,000	0,008	0,016	FALSE
-0,102	0,289	-0,001	0,011	0,030	FALSE
0,105	0,280	0,002	0,007	0,094	FALSE
0,080	0,295	0,001	0,008	0,057	FALSE
0,094	0,293	0,002	0,008	0,084	FALSE
0,196	0,274	0,005	0,009	0,241	FALSE
0,209	0,267	0,004	0,008	0,215	FALSE
0,017	0,293	0,001	0,009	0,023	FALSE
-0,180	0,286	-0,005	0,012	0,165	FALSE
-0,028	0,272	-0,001	0,007	0,028	FALSE
-0,092	0,284	-0,006	0,014	0,162	FALSE

-0,013	0,294	0,001	0,015	0,014	FALSE
-0,136	0,278	-0,004	0,008	0,238	FALSE
-0,014	0,267	-0,001	0,008	0,045	FALSE
-0,100	0,282	-0,004	0,010	0,144	FALSE
0,011	0,278	-0,001	0,007	0,038	FALSE
0,053	0,277	0,005	0,011	0,187	FALSE
0,001	0,268	0,001	0,011	0,032	FALSE
0,076	0,274	0,004	0,014	0,122	FALSE
0,002	0,299	0,002	0,015	0,041	FALSE
-0,017	0,296	0,001	0,013	0,035	FALSE
-0,018	0,299	0,001	0,012	0,021	FALSE
-0,024	0,287	-0,001	0,009	0,048	FALSE
0,092	0,289	0,003	0,008	0,129	FALSE
-0,056	0,279	-0,002	0,009	0,065	FALSE
-0,055	0,283	-0,002	0,009	0,073	FALSE
-0,009	0,284	-0,002	0,011	0,058	FALSE
-0,119	0,280	-0,002	0,009	0,080	FALSE
-0,032	0,292	-0,002	0,014	0,049	FALSE
0,104	0,301	0,004	0,009	0,172	FALSE
0,099	0,284	0,004	0,010	0,146	FALSE
-0,026	0,288	0,002	0,013	0,046	FALSE
-0,086	0,300	-0,005	0,014	0,140	FALSE
0,044	0,284	0,001	0,007	0,033	FALSE
-0,067	0,285	-0,002	0,008	0,082	FALSE
0,153	0,300	0,005	0,008	0,314	FALSE
-0,001	0,299	0,000	0,009	0,010	FALSE
-0,058	0,297	0,000	0,009	0,008	FALSE
0,036	0,289	0,002	0,014	0,058	FALSE
-0,046	0,301	-0,002	0,012	0,076	FALSE
-0,129	0,295	-0,005	0,011	0,205	FALSE
0,022	0,278	0,001	0,009	0,019	FALSE
0,135	0,303	0,006	0,015	0,168	FALSE
-0,113	0,294	-0,003	0,008	0,153	FALSE
-0,029	0,271	-0,001	0,012	0,015	FALSE
0,128	0,275	0,008	0,013	0,280	FALSE
0,056	0,286	0,001	0,008	0,052	FALSE
-0,045	0,287	-0,001	0,008	0,024	FALSE
-0,247	0,268	-0,013	0,013	0,525	FALSE
0,014	0,284	0,001	0,008	0,045	FALSE
0,033	0,281	0,001	0,008	0,055	FALSE
-0,043	0,293	0,000	0,009	0,011	FALSE
0,051	0,291	0,003	0,008	0,142	FALSE
-0,046	0,297	-0,001	0,011	0,033	FALSE
-0,079	0,290	-0,002	0,015	0,059	FALSE
-0,095	0,305	-0,001	0,008	0,056	FALSE
0,037	0,292	0,000	0,010	0,003	FALSE
-0,080	0,292	-0,004	0,012	0,140	FALSE
-0,084	0,276	-0,004	0,011	0,147	FALSE
-0,075	0,295	-0,004	0,014	0,106	FALSE
0,032	0,284	0,000	0,008	0,021	FALSE
0,148	0,284	0,004	0,008	0,192	FALSE
-0,047	0,295	-0,002	0,013	0,062	FALSE
-0,014	0,287	0,000	0,007	0,022	FALSE

-0,049	0,278	0,000	0,012	0,003	FALSE
-0,110	0,279	-0,002	0,012	0,054	FALSE
-0,069	0,271	-0,004	0,013	0,118	FALSE
-0,015	0,292	0,001	0,014	0,019	FALSE
0,096	0,275	0,003	0,014	0,077	FALSE
-0,066	0,287	-0,002	0,015	0,052	FALSE
0,081	0,290	0,003	0,013	0,085	FALSE
-0,062	0,281	-0,003	0,010	0,101	FALSE
-0,108	0,290	-0,002	0,009	0,074	FALSE
0,009	0,292	0,002	0,012	0,060	FALSE
-0,020	0,307	-0,002	0,015	0,046	FALSE
-0,067	0,290	-0,005	0,015	0,133	FALSE
0,055	0,292	0,002	0,012	0,076	FALSE
0,013	0,293	0,001	0,015	0,025	FALSE
-0,039	0,303	-0,001	0,008	0,036	FALSE
0,024	0,295	0,001	0,008	0,030	FALSE
0,041	0,288	0,001	0,013	0,036	FALSE
0,049	0,298	0,002	0,013	0,065	FALSE
0,110	0,296	0,004	0,013	0,140	FALSE
0,111	0,301	0,007	0,014	0,202	FALSE
-0,116	0,286	-0,003	0,009	0,144	FALSE
0,098	0,284	0,004	0,014	0,111	FALSE
0,018	0,296	0,001	0,013	0,020	FALSE
0,054	0,291	0,002	0,013	0,069	FALSE
0,013	0,282	0,003	0,013	0,080	FALSE
-0,049	0,287	0,001	0,013	0,018	FALSE
-0,069	0,285	-0,001	0,013	0,027	FALSE
0,122	0,281	0,002	0,010	0,078	FALSE
0,110	0,286	0,004	0,011	0,145	FALSE
0,125	0,283	0,003	0,011	0,090	FALSE
0,030	0,294	0,001	0,008	0,032	FALSE
0,112	0,305	0,002	0,010	0,088	FALSE
0,068	0,294	0,001	0,013	0,034	FALSE
0,253	0,281	0,010	0,012	0,427	FALSE
-0,102	0,281	-0,003	0,010	0,130	FALSE
0,156	0,280	0,005	0,009	0,210	FALSE
-0,016	0,282	-0,001	0,011	0,017	FALSE
0,052	0,281	-0,001	0,011	0,042	FALSE
0,156	0,270	0,005	0,014	0,146	FALSE
0,208	0,271	0,007	0,014	0,215	FALSE
0,122	0,285	0,004	0,014	0,101	FALSE
0,109	0,293	0,002	0,013	0,053	FALSE
0,119	0,294	0,002	0,010	0,082	FALSE
0,047	0,264	0,002	0,011	0,058	FALSE
0,025	0,279	0,002	0,013	0,048	FALSE
-0,045	0,268	0,000	0,014	0,011	FALSE
-0,128	0,278	-0,006	0,014	0,165	FALSE
-0,065	0,283	-0,002	0,014	0,044	FALSE
0,041	0,289	0,000	0,008	0,004	FALSE
0,005	0,281	-0,001	0,009	0,035	FALSE
0,014	0,284	0,000	0,011	0,000	FALSE
0,178	0,292	0,005	0,008	0,274	FALSE
-0,045	0,289	-0,002	0,013	0,066	FALSE

-0,044	0,304	-0,003	0,012	0,094	FALSE
-0,021	0,285	-0,003	0,013	0,072	FALSE
0,038	0,276	0,001	0,012	0,035	FALSE
-0,019	0,292	-0,001	0,010	0,020	FALSE
0,030	0,287	0,001	0,009	0,035	FALSE
0,098	0,304	0,004	0,009	0,181	FALSE
-0,011	0,297	-0,001	0,010	0,025	FALSE
0,168	0,276	0,005	0,009	0,252	FALSE
-0,113	0,286	-0,005	0,009	0,207	FALSE
0,027	0,297	0,000	0,014	0,008	FALSE
-0,060	0,290	0,000	0,015	0,009	FALSE
0,021	0,297	0,001	0,011	0,034	FALSE
-0,038	0,289	-0,002	0,009	0,073	FALSE
-0,072	0,289	-0,001	0,010	0,043	FALSE
-0,094	0,282	-0,003	0,013	0,099	FALSE
0,185	0,276	0,006	0,012	0,225	FALSE
0,200	0,284	0,006	0,012	0,226	FALSE
0,159	0,285	0,004	0,009	0,198	FALSE
0,014	0,286	0,000	0,008	0,019	FALSE
0,016	0,290	0,002	0,013	0,055	FALSE
-0,166	0,284	-0,004	0,009	0,201	FALSE
-0,203	0,274	-0,008	0,012	0,291	FALSE
-0,098	0,285	-0,003	0,015	0,076	FALSE
0,125	0,291	0,004	0,015	0,115	FALSE
0,149	0,310	0,005	0,010	0,209	FALSE
0,172	0,286	0,005	0,010	0,219	FALSE
-0,130	0,284	-0,003	0,009	0,125	FALSE
-0,100	0,291	-0,003	0,008	0,137	FALSE
-0,163	0,282	-0,004	0,008	0,206	FALSE
0,012	0,284	0,002	0,013	0,059	FALSE
0,058	0,304	0,001	0,014	0,035	FALSE
-0,048	0,296	-0,001	0,008	0,032	FALSE
-0,036	0,298	-0,001	0,008	0,026	FALSE
-0,018	0,280	0,001	0,012	0,017	FALSE
0,119	0,302	0,001	0,009	0,053	FALSE
-0,029	0,288	-0,001	0,015	0,027	FALSE
0,065	0,283	0,001	0,011	0,040	FALSE
-0,157	0,288	-0,004	0,010	0,140	FALSE
0,185	0,275	0,004	0,009	0,195	FALSE
0,017	0,273	-0,001	0,012	0,018	FALSE
0,014	0,281	-0,001	0,013	0,025	FALSE
0,169	0,282	0,008	0,012	0,287	FALSE
-0,187	0,275	-0,005	0,009	0,255	FALSE
-0,123	0,287	-0,004	0,009	0,197	FALSE
0,041	0,298	0,001	0,008	0,046	FALSE
-0,117	0,285	-0,004	0,008	0,193	FALSE
-0,059	0,274	-0,002	0,010	0,094	FALSE
-0,153	0,278	-0,006	0,010	0,246	FALSE
0,044	0,278	0,000	0,008	0,007	FALSE
-0,080	0,293	-0,002	0,009	0,073	FALSE
-0,068	0,281	-0,002	0,010	0,074	FALSE
0,114	0,286	0,002	0,010	0,085	FALSE
0,069	0,300	0,002	0,013	0,051	FALSE

-0,088	0,286	-0,002	0,008	0,087	FALSE
-0,066	0,303	-0,001	0,009	0,046	FALSE
0,122	0,297	0,004	0,013	0,115	FALSE
0,124	0,281	0,004	0,010	0,164	FALSE
0,047	0,294	0,002	0,013	0,055	FALSE
0,013	0,301	0,001	0,012	0,037	FALSE
-0,152	0,295	-0,004	0,008	0,186	FALSE
0,106	0,276	0,005	0,013	0,140	FALSE
-0,068	0,288	-0,003	0,010	0,098	FALSE
-0,078	0,283	-0,005	0,011	0,178	FALSE
-0,175	0,280	-0,004	0,008	0,241	FALSE
-0,006	0,293	0,001	0,008	0,043	FALSE
-0,098	0,285	-0,005	0,014	0,142	FALSE
0,048	0,276	0,001	0,010	0,039	FALSE
0,042	0,277	0,001	0,009	0,044	FALSE
-0,005	0,286	-0,001	0,008	0,037	FALSE
0,009	0,279	-0,001	0,008	0,038	FALSE
-0,219	0,276	-0,007	0,013	0,217	FALSE
-0,130	0,287	-0,004	0,009	0,169	FALSE
0,068	0,288	0,001	0,011	0,031	FALSE
-0,169	0,285	-0,005	0,010	0,191	FALSE
-0,057	0,290	0,000	0,013	0,012	FALSE
0,148	0,276	0,004	0,009	0,182	FALSE
-0,087	0,279	-0,002	0,014	0,055	FALSE
0,086	0,287	0,002	0,011	0,087	FALSE
0,119	0,286	0,002	0,007	0,103	FALSE
0,094	0,289	0,005	0,015	0,128	FALSE
0,077	0,288	0,003	0,014	0,085	FALSE
0,075	0,282	0,003	0,014	0,074	FALSE
-0,169	0,280	-0,006	0,010	0,265	FALSE
0,153	0,276	0,005	0,011	0,191	FALSE
-0,028	0,268	-0,003	0,012	0,089	FALSE
-0,129	0,265	-0,005	0,011	0,192	FALSE
-0,118	0,274	-0,005	0,011	0,188	FALSE
-0,072	0,267	-0,004	0,012	0,140	FALSE
0,072	0,284	0,005	0,013	0,166	FALSE
-0,134	0,276	-0,003	0,008	0,181	FALSE
-0,002	0,268	0,000	0,010	0,007	FALSE
0,007	0,283	-0,001	0,014	0,032	FALSE
-0,029	0,289	-0,004	0,013	0,104	FALSE
-0,113	0,284	-0,003	0,010	0,118	FALSE
-0,148	0,290	-0,005	0,010	0,217	FALSE
0,075	0,287	0,003	0,010	0,094	FALSE
-0,070	0,293	-0,002	0,012	0,052	FALSE
-0,059	0,287	-0,002	0,012	0,045	FALSE
0,018	0,290	0,001	0,013	0,035	FALSE
-0,092	0,286	-0,001	0,008	0,054	FALSE
-0,020	0,304	-0,001	0,009	0,056	FALSE
-0,120	0,278	-0,004	0,012	0,140	FALSE
-0,142	0,275	-0,003	0,011	0,124	FALSE
-0,015	0,292	-0,001	0,008	0,031	FALSE
-0,084	0,285	-0,002	0,007	0,118	FALSE
0,095	0,288	0,001	0,014	0,038	FALSE

0,025	0,294	0,002	0,015	0,060	FALSE
-0,166	0,298	-0,007	0,013	0,235	FALSE
0,020	0,276	0,001	0,010	0,024	FALSE
-0,028	0,289	-0,001	0,009	0,056	FALSE
0,047	0,278	0,000	0,009	0,019	FALSE
-0,038	0,283	-0,002	0,015	0,058	FALSE
-0,048	0,310	-0,001	0,014	0,029	FALSE
0,123	0,290	0,005	0,012	0,167	FALSE
-0,009	0,291	0,000	0,015	0,010	FALSE
0,044	0,287	0,003	0,014	0,078	FALSE
0,045	0,295	0,002	0,014	0,051	FALSE
0,263	0,267	0,005	0,009	0,230	FALSE
-0,028	0,294	-0,001	0,015	0,023	FALSE
0,216	0,276	0,003	0,009	0,162	FALSE
0,074	0,288	0,002	0,008	0,089	FALSE
-0,019	0,290	-0,003	0,012	0,112	FALSE
0,016	0,272	-0,002	0,011	0,057	FALSE
0,037	0,284	-0,001	0,011	0,016	FALSE
-0,147	0,271	-0,006	0,009	0,259	FALSE
0,098	0,283	0,007	0,015	0,190	FALSE
-0,135	0,302	-0,003	0,010	0,140	FALSE
-0,056	0,309	-0,002	0,011	0,071	FALSE
0,078	0,296	0,001	0,015	0,033	FALSE
0,031	0,293	0,001	0,010	0,021	FALSE
0,120	0,275	0,002	0,009	0,086	FALSE
0,090	0,291	0,003	0,009	0,111	FALSE
-0,136	0,281	-0,004	0,008	0,216	FALSE
-0,005	0,296	0,002	0,007	0,081	FALSE
0,024	0,292	0,002	0,011	0,056	FALSE
0,002	0,297	0,002	0,008	0,087	FALSE
0,119	0,272	0,002	0,013	0,056	FALSE
0,200	0,279	0,005	0,009	0,229	FALSE
0,044	0,269	0,001	0,011	0,033	FALSE
0,045	0,281	0,000	0,011	0,006	FALSE
0,084	0,287	0,002	0,010	0,069	FALSE
0,063	0,286	0,002	0,010	0,058	FALSE
0,060	0,291	0,001	0,009	0,048	FALSE
-0,001	0,283	0,000	0,010	0,003	FALSE
-0,031	0,288	-0,001	0,015	0,014	FALSE
0,099	0,283	0,003	0,010	0,120	FALSE
-0,097	0,287	-0,004	0,010	0,160	FALSE
-0,078	0,271	-0,006	0,014	0,172	FALSE
0,186	0,282	0,009	0,013	0,306	FALSE
0,108	0,287	0,005	0,012	0,169	FALSE
-0,071	0,278	-0,004	0,014	0,096	FALSE
-0,032	0,301	0,000	0,015	0,011	FALSE
0,023	0,283	0,000	0,015	0,001	FALSE
0,102	0,282	0,002	0,011	0,068	FALSE
-0,048	0,288	0,000	0,014	0,004	FALSE
0,086	0,290	0,002	0,009	0,096	FALSE
0,027	0,291	0,001	0,010	0,029	FALSE
-0,035	0,280	0,000	0,007	0,020	FALSE
0,112	0,287	0,003	0,008	0,152	FALSE

0,137	0,293	0,006	0,015	0,156	FALSE
-0,162	0,280	-0,004	0,007	0,217	FALSE
-0,045	0,270	-0,001	0,007	0,066	FALSE
0,124	0,298	0,006	0,014	0,168	FALSE
0,083	0,273	0,002	0,007	0,094	FALSE
0,028	0,293	0,002	0,008	0,082	FALSE
-0,181	0,284	-0,010	0,013	0,337	FALSE
0,036	0,284	0,001	0,008	0,046	FALSE
-0,035	0,291	0,001	0,012	0,032	FALSE
0,008	0,295	0,000	0,008	0,005	FALSE
-0,098	0,269	-0,005	0,012	0,164	FALSE
-0,084	0,300	-0,002	0,013	0,044	FALSE
-0,109	0,275	-0,005	0,011	0,187	FALSE
0,131	0,283	0,005	0,015	0,133	FALSE
-0,134	0,291	-0,006	0,015	0,176	FALSE
0,001	0,276	-0,004	0,014	0,094	FALSE
-0,035	0,274	-0,001	0,007	0,039	FALSE
0,037	0,299	0,001	0,012	0,040	FALSE
-0,025	0,288	-0,001	0,008	0,031	FALSE
-0,096	0,292	-0,002	0,008	0,111	FALSE
-0,089	0,290	-0,002	0,008	0,098	FALSE
-0,170	0,294	-0,007	0,014	0,191	FALSE
0,118	0,280	0,003	0,011	0,099	FALSE
-0,025	0,282	0,001	0,013	0,037	FALSE
0,055	0,288	0,001	0,008	0,064	FALSE
-0,019	0,291	-0,001	0,015	0,028	FALSE
-0,139	0,286	-0,005	0,011	0,169	FALSE
0,031	0,285	0,001	0,008	0,056	FALSE
0,076	0,287	0,003	0,014	0,091	FALSE
-0,015	0,285	-0,002	0,008	0,086	FALSE
0,000	0,291	0,002	0,010	0,081	FALSE
0,093	0,270	0,001	0,009	0,030	FALSE
0,051	0,294	0,005	0,016	0,136	FALSE
-0,090	0,280	0,000	0,008	0,010	FALSE
-0,046	0,291	-0,001	0,010	0,022	FALSE
0,008	0,284	0,001	0,013	0,013	FALSE
0,083	0,288	0,003	0,008	0,123	FALSE
-0,028	0,308	0,000	0,009	0,003	FALSE
-0,029	0,301	-0,002	0,015	0,042	FALSE
-0,021	0,301	-0,001	0,015	0,027	FALSE
-0,007	0,289	-0,001	0,008	0,042	FALSE
0,047	0,293	0,002	0,011	0,079	FALSE
0,069	0,292	0,003	0,012	0,081	FALSE
-0,030	0,284	-0,001	0,010	0,032	FALSE
-0,060	0,282	-0,001	0,015	0,028	FALSE
-0,014	0,288	-0,001	0,010	0,045	FALSE
0,093	0,288	0,005	0,013	0,168	FALSE
0,164	0,283	0,006	0,009	0,323	FALSE
-0,071	0,296	0,000	0,010	0,011	FALSE
-0,077	0,289	-0,001	0,008	0,047	FALSE
0,016	0,287	0,000	0,014	0,005	FALSE
0,010	0,290	0,001	0,011	0,020	FALSE
-0,116	0,299	-0,002	0,008	0,090	FALSE

0,072	0,282	0,001	0,010	0,030	FALSE
0,134	0,299	0,006	0,016	0,146	FALSE
0,080	0,277	0,000	0,008	0,003	FALSE
0,071	0,281	0,004	0,010	0,159	FALSE
-0,018	0,297	-0,001	0,010	0,026	FALSE
0,030	0,274	0,001	0,009	0,034	FALSE
-0,086	0,278	-0,001	0,011	0,047	FALSE
-0,046	0,289	-0,001	0,012	0,021	FALSE
0,059	0,283	0,002	0,012	0,069	FALSE
-0,094	0,288	-0,003	0,015	0,068	FALSE
0,228	0,276	0,010	0,013	0,376	FALSE
-0,037	0,292	-0,002	0,012	0,071	FALSE
0,064	0,287	0,003	0,011	0,122	FALSE
0,050	0,287	0,004	0,012	0,131	FALSE
-0,167	0,279	-0,006	0,011	0,218	FALSE
-0,034	0,286	-0,002	0,012	0,078	FALSE
-0,117	0,290	-0,002	0,008	0,078	FALSE
-0,071	0,281	-0,002	0,009	0,102	FALSE
-0,036	0,293	-0,003	0,014	0,086	FALSE
0,108	0,286	0,001	0,008	0,041	FALSE
0,054	0,287	0,004	0,015	0,104	FALSE
-0,034	0,292	-0,001	0,015	0,034	FALSE
0,010	0,283	0,000	0,013	0,002	FALSE
0,021	0,291	0,001	0,010	0,033	FALSE
0,021	0,297	0,002	0,010	0,056	FALSE
0,168	0,292	0,003	0,009	0,127	FALSE
0,029	0,285	0,002	0,010	0,078	FALSE
0,044	0,299	0,001	0,012	0,045	FALSE
0,051	0,290	0,002	0,010	0,071	FALSE
-0,082	0,282	-0,004	0,013	0,117	FALSE
0,036	0,296	0,002	0,013	0,045	FALSE
0,101	0,292	0,004	0,009	0,161	FALSE
0,008	0,279	-0,001	0,009	0,036	FALSE
0,030	0,294	0,001	0,011	0,045	FALSE
0,042	0,281	0,001	0,007	0,025	FALSE
-0,012	0,275	-0,002	0,010	0,067	FALSE
0,041	0,298	0,000	0,010	0,008	FALSE
-0,184	0,281	-0,007	0,014	0,215	FALSE
-0,141	0,270	-0,003	0,008	0,124	FALSE
0,002	0,278	0,001	0,007	0,063	FALSE
0,016	0,283	0,000	0,007	0,022	FALSE
-0,073	0,298	-0,005	0,013	0,155	FALSE
0,060	0,293	0,002	0,010	0,061	FALSE
-0,023	0,293	-0,002	0,010	0,070	FALSE
-0,070	0,287	-0,001	0,008	0,047	FALSE
0,019	0,293	-0,001	0,015	0,018	FALSE
-0,029	0,288	0,000	0,009	0,014	FALSE
0,030	0,287	0,001	0,010	0,044	FALSE
0,133	0,286	0,003	0,008	0,137	FALSE
-0,149	0,270	-0,004	0,009	0,181	FALSE
-0,187	0,279	-0,005	0,009	0,222	FALSE
0,110	0,272	0,002	0,010	0,057	FALSE
0,030	0,290	0,002	0,012	0,065	FALSE

-0,162	0,285	-0,003	0,007	0,184	FALSE
-0,124	0,263	-0,008	0,013	0,258	FALSE
0,075	0,297	0,003	0,009	0,116	FALSE
0,040	0,290	0,001	0,008	0,048	FALSE
0,051	0,293	0,001	0,010	0,034	FALSE
-0,006	0,287	-0,001	0,008	0,025	FALSE
0,228	0,270	0,004	0,007	0,218	FALSE
0,039	0,283	0,002	0,015	0,061	FALSE
-0,089	0,269	-0,003	0,007	0,180	FALSE
-0,148	0,278	-0,011	0,015	0,330	FALSE
-0,140	0,267	-0,009	0,014	0,298	FALSE
-0,017	0,272	-0,001	0,007	0,037	FALSE
-0,078	0,272	-0,003	0,013	0,083	FALSE
0,051	0,300	0,001	0,012	0,022	FALSE
-0,053	0,285	-0,002	0,009	0,078	FALSE
0,087	0,281	0,001	0,013	0,039	FALSE
0,098	0,296	0,002	0,008	0,076	FALSE
0,132	0,286	0,003	0,009	0,156	FALSE
-0,177	0,279	-0,006	0,014	0,165	FALSE
0,166	0,277	0,007	0,014	0,204	FALSE
-0,063	0,287	-0,002	0,009	0,065	FALSE
-0,031	0,284	0,001	0,012	0,025	FALSE
0,071	0,280	0,003	0,011	0,110	FALSE
0,075	0,291	0,003	0,009	0,158	FALSE
-0,047	0,296	-0,002	0,015	0,042	FALSE
0,019	0,277	0,001	0,014	0,022	FALSE
-0,022	0,289	-0,001	0,014	0,025	FALSE
-0,047	0,295	-0,001	0,014	0,036	FALSE
-0,057	0,302	-0,001	0,009	0,033	FALSE
0,062	0,286	0,004	0,013	0,110	FALSE
0,050	0,296	0,002	0,008	0,119	FALSE
-0,131	0,280	-0,006	0,014	0,166	FALSE
-0,082	0,289	-0,001	0,009	0,053	FALSE
-0,020	0,286	0,000	0,013	0,009	FALSE
-0,040	0,298	-0,001	0,010	0,022	FALSE
-0,038	0,286	-0,001	0,013	0,033	FALSE
-0,029	0,292	0,000	0,014	0,013	FALSE
-0,013	0,290	0,000	0,010	0,008	FALSE
0,055	0,273	-0,001	0,011	0,036	FALSE
-0,049	0,293	-0,002	0,012	0,055	FALSE
-0,065	0,280	-0,001	0,015	0,034	FALSE
-0,013	0,288	0,000	0,010	0,006	FALSE
0,056	0,298	0,002	0,008	0,083	FALSE
-0,032	0,290	-0,001	0,008	0,022	FALSE
-0,044	0,280	0,000	0,008	0,016	FALSE
-0,130	0,286	-0,004	0,012	0,127	FALSE
-0,072	0,274	-0,001	0,007	0,052	FALSE
-0,084	0,292	-0,003	0,009	0,114	FALSE
0,091	0,282	0,001	0,008	0,071	FALSE
0,091	0,279	0,003	0,015	0,068	FALSE
-0,233	0,271	-0,012	0,014	0,419	FALSE
-0,066	0,293	-0,001	0,011	0,016	FALSE
-0,053	0,289	0,000	0,010	0,015	FALSE

0,048	0,291	0,003	0,009	0,135	FALSE
-0,047	0,290	-0,002	0,015	0,053	FALSE
0,061	0,290	0,004	0,010	0,141	FALSE
0,033	0,291	0,003	0,010	0,116	FALSE
0,041	0,294	0,003	0,010	0,130	FALSE
0,051	0,288	0,003	0,010	0,137	FALSE
0,056	0,296	0,004	0,010	0,140	FALSE
0,051	0,288	0,003	0,009	0,140	FALSE
-0,022	0,279	0,000	0,011	0,000	FALSE
-0,052	0,285	-0,001	0,011	0,034	FALSE
-0,015	0,285	0,000	0,011	0,010	FALSE
-0,028	0,274	0,000	0,011	0,001	FALSE
-0,041	0,283	-0,001	0,011	0,020	FALSE
-0,052	0,279	-0,002	0,008	0,112	FALSE
-0,040	0,287	-0,002	0,009	0,103	FALSE
-0,029	0,275	-0,002	0,009	0,072	FALSE
-0,005	0,291	-0,001	0,009	0,050	FALSE
0,049	0,294	0,000	0,008	0,008	FALSE
0,056	0,285	0,002	0,014	0,059	FALSE
-0,008	0,295	0,000	0,009	0,001	FALSE
0,117	0,277	0,004	0,014	0,109	FALSE
0,033	0,289	0,000	0,011	0,008	FALSE
0,062	0,286	0,002	0,008	0,113	FALSE
0,094	0,284	0,003	0,008	0,124	FALSE
0,130	0,292	0,004	0,014	0,122	FALSE
-0,121	0,273	-0,004	0,008	0,178	FALSE
0,067	0,286	0,003	0,014	0,092	FALSE
-0,019	0,277	-0,002	0,012	0,045	FALSE
0,045	0,292	0,000	0,014	0,004	FALSE
-0,024	0,293	-0,002	0,012	0,048	FALSE
-0,020	0,285	-0,002	0,013	0,059	FALSE
0,000	0,293	0,001	0,013	0,016	FALSE
-0,068	0,279	-0,002	0,010	0,062	FALSE
0,088	0,283	0,005	0,014	0,148	FALSE
0,064	0,283	0,003	0,013	0,072	FALSE
0,024	0,293	0,002	0,013	0,065	FALSE
0,022	0,288	-0,001	0,009	0,057	FALSE
0,016	0,287	-0,001	0,009	0,045	FALSE
-0,034	0,293	0,001	0,012	0,022	FALSE
0,121	0,287	0,004	0,010	0,153	FALSE
0,139	0,282	0,003	0,009	0,112	FALSE
-0,031	0,289	-0,001	0,015	0,022	FALSE
0,208	0,286	0,005	0,009	0,225	FALSE
0,116	0,281	0,003	0,008	0,180	FALSE
0,062	0,287	0,004	0,014	0,118	FALSE
0,107	0,295	0,005	0,015	0,125	FALSE
-0,095	0,291	-0,001	0,008	0,046	FALSE
-0,148	0,282	-0,005	0,009	0,217	FALSE
-0,048	0,278	-0,001	0,014	0,039	FALSE
-0,140	0,294	-0,004	0,009	0,197	FALSE
-0,005	0,298	0,000	0,011	0,003	FALSE
0,211	0,261	0,006	0,010	0,247	FALSE
0,099	0,283	0,002	0,014	0,054	FALSE

0,207	0,283	0,005	0,011	0,216	FALSE
0,054	0,280	0,001	0,008	0,040	FALSE
-0,011	0,288	0,000	0,009	0,008	FALSE
-0,091	0,287	-0,004	0,010	0,168	FALSE
-0,048	0,288	-0,002	0,012	0,059	FALSE
-0,117	0,288	-0,004	0,011	0,142	FALSE
-0,115	0,279	-0,004	0,011	0,132	FALSE
-0,146	0,294	-0,005	0,011	0,184	FALSE
-0,121	0,281	-0,004	0,011	0,135	FALSE
0,092	0,277	0,002	0,007	0,104	FALSE
-0,040	0,282	0,000	0,014	0,008	FALSE
-0,100	0,287	-0,002	0,007	0,097	FALSE
0,087	0,287	0,003	0,007	0,140	FALSE
-0,048	0,281	-0,001	0,008	0,053	FALSE
0,026	0,275	0,000	0,007	0,012	FALSE
0,083	0,288	0,005	0,013	0,169	FALSE
-0,097	0,290	0,000	0,009	0,001	FALSE
-0,039	0,279	-0,003	0,010	0,117	FALSE
-0,099	0,284	-0,002	0,009	0,096	FALSE
0,149	0,290	0,005	0,009	0,256	FALSE
-0,061	0,282	-0,004	0,010	0,184	FALSE
-0,149	0,286	-0,003	0,008	0,126	FALSE
-0,032	0,299	-0,003	0,015	0,077	FALSE
-0,028	0,293	-0,003	0,009	0,122	FALSE
-0,081	0,293	-0,004	0,012	0,120	FALSE
-0,060	0,283	-0,002	0,012	0,070	FALSE
0,030	0,297	0,000	0,011	0,003	FALSE
-0,050	0,286	-0,001	0,015	0,016	FALSE
-0,080	0,277	-0,006	0,011	0,214	FALSE
-0,115	0,271	-0,007	0,011	0,279	FALSE
0,106	0,276	0,006	0,014	0,169	FALSE
-0,022	0,276	-0,001	0,012	0,025	FALSE
0,149	0,283	0,004	0,008	0,185	FALSE
0,129	0,290	0,003	0,008	0,152	FALSE
-0,128	0,285	-0,003	0,008	0,151	FALSE
-0,033	0,284	-0,001	0,014	0,021	FALSE
0,033	0,283	0,002	0,009	0,079	FALSE
-0,017	0,287	-0,002	0,013	0,066	FALSE
0,000	0,284	0,003	0,015	0,064	FALSE
-0,029	0,285	0,000	0,009	0,018	FALSE
-0,174	0,283	-0,004	0,008	0,202	FALSE
0,106	0,271	0,004	0,013	0,115	FALSE
0,119	0,284	0,006	0,015	0,179	FALSE
0,198	0,275	0,010	0,014	0,347	FALSE
0,020	0,295	0,000	0,010	0,018	FALSE
-0,053	0,274	-0,001	0,008	0,058	FALSE
0,172	0,293	0,007	0,014	0,209	FALSE
0,064	0,282	0,001	0,010	0,030	FALSE
-0,025	0,300	0,000	0,012	0,003	FALSE
-0,003	0,295	0,003	0,014	0,075	FALSE
-0,066	0,279	-0,002	0,013	0,072	FALSE
-0,055	0,281	-0,001	0,009	0,055	FALSE
-0,170	0,258	-0,008	0,011	0,341	FALSE

-0,006	0,280	-0,001	0,009	0,026	FALSE
0,088	0,284	0,004	0,012	0,119	FALSE
0,045	0,281	0,000	0,008	0,016	FALSE
0,059	0,283	0,001	0,011	0,025	FALSE
0,066	0,289	0,000	0,010	0,000	FALSE
-0,041	0,283	-0,001	0,013	0,035	FALSE
-0,042	0,288	-0,001	0,013	0,020	FALSE
-0,130	0,268	-0,004	0,008	0,197	FALSE
-0,036	0,296	-0,001	0,014	0,025	FALSE
-0,063	0,283	0,000	0,009	0,006	FALSE
0,126	0,274	0,004	0,014	0,100	FALSE
0,015	0,281	0,002	0,010	0,055	FALSE
-0,163	0,285	-0,004	0,007	0,260	FALSE
-0,176	0,273	-0,005	0,007	0,301	FALSE
-0,084	0,265	-0,002	0,010	0,074	FALSE
-0,234	0,251	-0,009	0,010	0,417	FALSE
0,053	0,296	0,002	0,013	0,072	FALSE
-0,159	0,276	-0,005	0,011	0,214	FALSE
0,050	0,283	0,003	0,011	0,091	FALSE
0,023	0,286	0,002	0,014	0,046	FALSE
0,085	0,283	0,004	0,014	0,129	FALSE
0,043	0,298	0,001	0,016	0,029	FALSE
0,124	0,292	0,004	0,015	0,103	FALSE
0,015	0,290	-0,002	0,010	0,063	FALSE
-0,029	0,282	-0,001	0,011	0,035	FALSE
-0,031	0,284	-0,001	0,011	0,047	FALSE
-0,033	0,285	-0,002	0,011	0,060	FALSE
0,049	0,274	0,001	0,008	0,039	FALSE
0,029	0,298	0,000	0,009	0,013	FALSE
0,015	0,288	0,001	0,008	0,033	FALSE
-0,098	0,287	-0,004	0,014	0,101	FALSE
0,013	0,276	0,000	0,012	0,013	FALSE
0,012	0,284	0,000	0,010	0,009	FALSE
0,005	0,278	0,001	0,008	0,055	FALSE
0,054	0,281	0,003	0,009	0,123	FALSE
0,172	0,280	0,004	0,014	0,116	FALSE
-0,132	0,277	-0,006	0,015	0,151	FALSE
0,101	0,291	0,006	0,014	0,159	FALSE
-0,026	0,275	-0,005	0,014	0,150	FALSE
-0,046	0,286	-0,005	0,014	0,138	FALSE
-0,094	0,285	-0,002	0,008	0,120	FALSE
0,041	0,286	0,003	0,013	0,074	FALSE
-0,175	0,275	-0,006	0,013	0,194	FALSE
0,024	0,285	-0,001	0,012	0,029	FALSE
-0,054	0,284	0,000	0,014	0,009	FALSE
-0,139	0,292	-0,005	0,013	0,138	FALSE
0,176	0,269	0,003	0,008	0,140	FALSE
0,125	0,297	0,005	0,010	0,195	FALSE
0,062	0,288	0,002	0,011	0,066	FALSE
0,040	0,272	0,001	0,010	0,035	FALSE
0,095	0,288	0,004	0,009	0,175	FALSE
0,185	0,285	0,006	0,008	0,361	FALSE
-0,014	0,282	0,000	0,008	0,003	FALSE

0,068	0,302	0,001	0,009	0,025	FALSE
-0,128	0,286	-0,006	0,013	0,194	FALSE
0,007	0,290	0,000	0,014	0,006	FALSE
-0,014	0,282	-0,002	0,010	0,058	FALSE
0,176	0,272	0,004	0,009	0,198	FALSE
0,008	0,290	0,001	0,008	0,062	FALSE
-0,198	0,287	-0,008	0,012	0,278	FALSE
0,048	0,297	0,001	0,015	0,016	FALSE
-0,050	0,288	-0,003	0,011	0,110	FALSE
0,106	0,287	0,002	0,008	0,080	FALSE
0,062	0,299	0,002	0,012	0,069	FALSE
-0,064	0,282	-0,001	0,008	0,038	FALSE
0,055	0,270	0,001	0,008	0,026	FALSE
0,015	0,293	0,001	0,009	0,045	FALSE
-0,132	0,284	-0,004	0,012	0,139	FALSE
0,033	0,293	0,002	0,008	0,096	FALSE
0,219	0,290	0,005	0,008	0,263	FALSE
-0,092	0,282	-0,004	0,012	0,135	FALSE
-0,018	0,277	-0,003	0,010	0,110	FALSE
-0,010	0,298	-0,001	0,010	0,052	FALSE
-0,039	0,271	-0,004	0,011	0,128	FALSE
-0,129	0,291	-0,006	0,015	0,153	FALSE
0,006	0,281	0,001	0,011	0,022	FALSE
-0,026	0,285	-0,001	0,014	0,023	FALSE
-0,029	0,300	0,000	0,011	0,009	FALSE
-0,086	0,271	-0,005	0,014	0,141	FALSE
0,014	0,286	-0,001	0,014	0,020	FALSE
0,068	0,298	0,003	0,009	0,107	FALSE
0,044	0,299	0,003	0,011	0,103	FALSE
0,115	0,297	0,003	0,009	0,113	FALSE
0,019	0,283	-0,002	0,015	0,049	FALSE
0,088	0,295	0,001	0,008	0,043	FALSE
0,072	0,275	0,000	0,007	0,018	FALSE
-0,030	0,281	-0,001	0,010	0,042	FALSE
-0,038	0,287	-0,001	0,008	0,035	FALSE
-0,044	0,279	-0,001	0,012	0,021	FALSE
0,031	0,273	0,001	0,010	0,028	FALSE
0,061	0,278	0,002	0,011	0,059	FALSE
0,136	0,291	0,003	0,010	0,116	FALSE
-0,133	0,283	-0,003	0,008	0,145	FALSE
0,004	0,290	-0,001	0,010	0,020	FALSE
-0,040	0,285	-0,003	0,010	0,104	FALSE
0,175	0,275	0,004	0,010	0,169	FALSE
-0,058	0,300	0,001	0,013	0,019	FALSE
-0,194	0,271	-0,008	0,010	0,354	FALSE
-0,144	0,301	-0,003	0,009	0,115	FALSE
-0,070	0,294	-0,003	0,007	0,165	FALSE
-0,044	0,288	-0,001	0,015	0,033	FALSE
0,017	0,291	0,002	0,014	0,056	FALSE
0,095	0,283	0,003	0,011	0,099	FALSE
0,006	0,290	-0,001	0,008	0,030	FALSE
0,149	0,275	0,005	0,010	0,217	FALSE
-0,031	0,285	-0,002	0,008	0,077	FALSE

0,026	0,279	0,000	0,007	0,010	FALSE
0,092	0,293	0,003	0,014	0,083	FALSE
0,107	0,271	0,002	0,009	0,069	FALSE
0,038	0,284	0,001	0,012	0,022	FALSE
-0,101	0,292	-0,005	0,015	0,143	FALSE
-0,051	0,296	-0,001	0,008	0,025	FALSE
-0,054	0,275	-0,003	0,014	0,096	FALSE
0,068	0,272	0,003	0,012	0,087	FALSE
0,110	0,275	0,005	0,015	0,142	FALSE
-0,178	0,284	-0,006	0,009	0,266	FALSE
0,140	0,292	0,007	0,016	0,184	FALSE
-0,064	0,278	-0,004	0,014	0,099	FALSE
0,078	0,293	0,002	0,013	0,062	FALSE
-0,134	0,271	-0,003	0,007	0,186	FALSE
-0,191	0,280	-0,005	0,009	0,247	FALSE
-0,068	0,291	-0,002	0,008	0,094	FALSE
0,001	0,286	0,002	0,010	0,075	FALSE
-0,038	0,277	-0,002	0,011	0,070	FALSE
-0,032	0,286	-0,001	0,012	0,037	FALSE
-0,069	0,295	-0,003	0,011	0,096	FALSE
0,007	0,277	-0,001	0,008	0,043	FALSE
0,061	0,284	0,000	0,009	0,007	FALSE
-0,139	0,285	-0,003	0,008	0,133	FALSE
0,035	0,293	0,001	0,007	0,046	FALSE
-0,003	0,273	0,002	0,015	0,054	FALSE
-0,065	0,282	-0,001	0,009	0,022	FALSE
-0,195	0,288	-0,007	0,009	0,358	FALSE
-0,231	0,281	-0,008	0,009	0,394	FALSE
-0,029	0,291	-0,002	0,013	0,053	FALSE
-0,052	0,292	-0,001	0,008	0,035	FALSE
-0,048	0,302	0,000	0,008	0,018	FALSE
-0,171	0,284	-0,004	0,008	0,255	FALSE
0,112	0,280	0,004	0,009	0,164	FALSE
-0,006	0,291	0,001	0,012	0,027	FALSE
0,088	0,290	0,002	0,009	0,097	FALSE
0,024	0,288	0,001	0,008	0,048	FALSE
0,151	0,276	0,005	0,011	0,186	FALSE
0,118	0,284	0,004	0,013	0,134	FALSE
-0,047	0,282	0,000	0,008	0,004	FALSE
0,041	0,284	0,003	0,010	0,120	FALSE
0,019	0,288	0,002	0,010	0,085	FALSE
-0,093	0,285	-0,003	0,011	0,115	FALSE
-0,013	0,296	-0,001	0,009	0,032	FALSE
-0,025	0,285	0,000	0,010	0,016	FALSE
0,142	0,281	0,004	0,009	0,175	FALSE
-0,151	0,282	-0,003	0,009	0,135	FALSE
0,052	0,297	0,003	0,008	0,145	FALSE
-0,116	0,283	-0,004	0,009	0,157	FALSE
-0,026	0,279	0,000	0,007	0,007	FALSE
0,049	0,294	0,001	0,013	0,025	FALSE
-0,045	0,289	-0,002	0,013	0,053	FALSE
-0,019	0,283	-0,003	0,009	0,115	FALSE
0,000	0,283	-0,002	0,009	0,083	FALSE

0,160	0,281	0,008	0,015	0,247	FALSE
0,147	0,279	0,009	0,015	0,275	FALSE
-0,077	0,296	-0,001	0,008	0,034	FALSE
0,124	0,288	0,004	0,010	0,187	FALSE
-0,062	0,296	-0,003	0,011	0,120	FALSE
0,136	0,289	0,005	0,011	0,180	FALSE
-0,043	0,303	-0,001	0,011	0,032	FALSE
-0,093	0,280	-0,002	0,011	0,085	FALSE
-0,009	0,281	-0,001	0,010	0,046	FALSE
-0,020	0,290	-0,002	0,008	0,081	FALSE
-0,124	0,275	-0,005	0,011	0,207	FALSE
0,159	0,287	0,004	0,008	0,218	FALSE
-0,124	0,291	-0,004	0,008	0,177	FALSE
-0,001	0,301	0,000	0,008	0,002	FALSE
-0,058	0,290	-0,001	0,015	0,021	FALSE
-0,069	0,289	-0,002	0,009	0,086	FALSE
-0,082	0,276	-0,002	0,007	0,126	FALSE
-0,056	0,291	-0,001	0,011	0,019	FALSE
-0,012	0,281	-0,001	0,009	0,056	FALSE
0,150	0,285	0,003	0,007	0,160	FALSE
0,154	0,258	0,005	0,014	0,133	FALSE
-0,193	0,283	-0,005	0,009	0,261	FALSE
-0,062	0,291	-0,003	0,015	0,065	FALSE
0,127	0,305	0,004	0,008	0,214	FALSE
-0,091	0,289	-0,003	0,014	0,072	FALSE
0,023	0,291	0,002	0,012	0,059	FALSE
0,034	0,288	0,001	0,013	0,014	FALSE
-0,174	0,291	-0,004	0,008	0,200	FALSE
-0,031	0,272	-0,002	0,011	0,057	FALSE
0,043	0,284	0,001	0,011	0,017	FALSE
-0,001	0,292	0,000	0,007	0,021	FALSE
0,010	0,289	0,000	0,013	0,003	FALSE
-0,132	0,288	-0,004	0,010	0,155	FALSE
0,021	0,293	0,000	0,009	0,007	FALSE
0,010	0,290	0,000	0,010	0,010	FALSE
0,050	0,269	0,001	0,010	0,051	FALSE
0,087	0,284	0,002	0,015	0,059	FALSE
0,129	0,283	0,004	0,010	0,143	FALSE
0,082	0,278	0,001	0,009	0,055	FALSE
0,095	0,272	0,004	0,014	0,111	FALSE
0,123	0,298	0,002	0,009	0,102	FALSE
-0,014	0,289	0,000	0,008	0,008	FALSE
-0,020	0,293	0,000	0,013	0,012	FALSE
-0,080	0,278	-0,001	0,010	0,050	FALSE
-0,049	0,287	-0,001	0,009	0,043	FALSE
-0,041	0,287	-0,001	0,008	0,049	FALSE
0,077	0,293	0,003	0,015	0,079	FALSE
0,067	0,272	0,004	0,012	0,119	FALSE
0,047	0,290	0,002	0,010	0,074	FALSE
0,011	0,288	0,000	0,015	0,004	FALSE
0,009	0,279	-0,001	0,009	0,037	FALSE
0,122	0,299	0,006	0,013	0,172	FALSE
-0,116	0,268	-0,007	0,015	0,198	FALSE

0,042	0,287	0,001	0,009	0,027	FALSE
-0,061	0,286	-0,006	0,015	0,162	FALSE
-0,063	0,283	-0,003	0,011	0,097	FALSE
0,036	0,281	0,001	0,010	0,027	FALSE
0,073	0,285	0,001	0,009	0,043	FALSE
0,099	0,287	0,003	0,010	0,097	FALSE
0,089	0,291	0,002	0,010	0,081	FALSE
-0,020	0,286	0,001	0,009	0,027	FALSE
-0,177	0,265	-0,005	0,008	0,253	FALSE
-0,075	0,281	-0,008	0,015	0,212	FALSE
0,072	0,282	0,001	0,010	0,055	FALSE
-0,176	0,277	-0,005	0,008	0,263	FALSE
-0,095	0,296	-0,004	0,013	0,107	FALSE
-0,059	0,273	-0,003	0,011	0,114	FALSE
-0,012	0,288	0,001	0,008	0,023	FALSE
0,075	0,294	0,003	0,013	0,094	FALSE
-0,004	0,285	0,000	0,015	0,004	FALSE
0,086	0,296	0,002	0,010	0,078	FALSE
0,050	0,291	0,001	0,012	0,020	FALSE
-0,006	0,296	0,000	0,013	0,004	FALSE
-0,090	0,283	-0,005	0,012	0,178	FALSE
0,041	0,285	0,001	0,011	0,046	FALSE
-0,012	0,281	0,002	0,014	0,047	FALSE
-0,034	0,288	-0,001	0,015	0,021	FALSE
0,101	0,286	0,002	0,008	0,086	FALSE
-0,015	0,286	-0,003	0,008	0,127	FALSE
-0,042	0,286	0,001	0,012	0,016	FALSE
0,079	0,291	0,001	0,008	0,045	FALSE
-0,005	0,293	0,001	0,012	0,026	FALSE
-0,014	0,298	-0,001	0,009	0,038	FALSE
0,012	0,306	0,000	0,009	0,014	FALSE
0,106	0,293	0,002	0,011	0,059	FALSE
-0,183	0,287	-0,006	0,011	0,205	FALSE
-0,015	0,289	0,000	0,009	0,008	FALSE
-0,035	0,293	-0,003	0,015	0,069	FALSE
0,046	0,307	0,002	0,011	0,058	FALSE
0,009	0,276	0,000	0,008	0,012	FALSE
-0,018	0,292	-0,001	0,014	0,040	FALSE
0,048	0,281	0,003	0,008	0,138	FALSE
0,049	0,286	0,002	0,008	0,114	FALSE
0,027	0,299	0,002	0,009	0,096	FALSE
-0,010	0,295	-0,001	0,015	0,021	FALSE
0,022	0,300	0,001	0,015	0,022	FALSE
-0,023	0,280	-0,002	0,014	0,065	FALSE
-0,067	0,292	-0,003	0,008	0,132	FALSE
-0,096	0,289	-0,006	0,014	0,185	FALSE
-0,117	0,275	-0,006	0,013	0,182	FALSE
-0,107	0,285	-0,004	0,009	0,172	FALSE
-0,083	0,277	-0,001	0,007	0,068	FALSE
0,085	0,280	0,005	0,014	0,140	FALSE
-0,110	0,293	-0,006	0,014	0,160	FALSE
0,090	0,274	0,003	0,009	0,164	FALSE
-0,020	0,281	0,002	0,013	0,046	FALSE

-0,050	0,280	-0,002	0,008	0,078	FALSE
-0,022	0,299	-0,001	0,015	0,023	FALSE
-0,069	0,294	-0,004	0,014	0,104	FALSE
-0,067	0,292	-0,004	0,013	0,100	FALSE
-0,007	0,287	-0,001	0,010	0,042	FALSE
-0,138	0,278	-0,007	0,015	0,213	FALSE
-0,046	0,292	-0,001	0,009	0,050	FALSE
0,042	0,284	0,000	0,010	0,016	FALSE
0,132	0,292	0,006	0,014	0,176	FALSE
-0,023	0,295	-0,001	0,009	0,047	FALSE
0,159	0,298	0,007	0,011	0,273	FALSE
0,073	0,283	0,003	0,015	0,073	FALSE
0,062	0,277	0,003	0,014	0,087	FALSE
0,051	0,286	0,000	0,009	0,003	FALSE
0,059	0,291	0,000	0,010	0,015	FALSE
0,015	0,291	0,000	0,015	0,002	FALSE
-0,063	0,293	-0,002	0,011	0,051	FALSE
0,129	0,291	0,003	0,008	0,149	FALSE
-0,046	0,303	-0,002	0,013	0,052	FALSE
0,078	0,284	0,002	0,011	0,081	FALSE
-0,231	0,258	-0,006	0,012	0,214	FALSE
0,144	0,289	0,003	0,008	0,150	FALSE
0,079	0,273	0,005	0,012	0,165	FALSE
-0,077	0,276	-0,003	0,015	0,089	FALSE
-0,028	0,282	0,000	0,011	0,003	FALSE
-0,031	0,282	0,000	0,009	0,012	FALSE
-0,078	0,289	-0,002	0,010	0,065	FALSE
-0,080	0,280	-0,002	0,009	0,071	FALSE
-0,134	0,280	-0,005	0,011	0,180	FALSE
0,039	0,283	0,002	0,008	0,077	FALSE
-0,078	0,285	-0,004	0,014	0,103	FALSE
-0,238	0,271	-0,006	0,008	0,353	FALSE
0,082	0,288	0,003	0,013	0,079	FALSE
0,032	0,298	0,000	0,013	0,005	FALSE
-0,120	0,277	-0,002	0,009	0,107	FALSE
-0,140	0,276	-0,006	0,012	0,230	FALSE
-0,091	0,285	-0,002	0,009	0,070	FALSE
0,115	0,276	0,002	0,007	0,132	FALSE
0,225	0,280	0,004	0,008	0,192	FALSE
0,020	0,300	0,002	0,012	0,071	FALSE
0,147	0,289	0,005	0,014	0,163	FALSE
-0,098	0,291	-0,004	0,011	0,136	FALSE
0,019	0,284	0,001	0,010	0,032	FALSE
0,001	0,288	0,001	0,010	0,022	FALSE
-0,116	0,290	-0,002	0,013	0,068	FALSE
0,094	0,286	0,003	0,010	0,137	FALSE
0,066	0,294	0,005	0,013	0,144	FALSE
-0,114	0,287	-0,003	0,008	0,136	FALSE
0,046	0,275	0,001	0,008	0,048	FALSE
0,037	0,279	0,001	0,007	0,060	FALSE
0,085	0,285	0,001	0,008	0,071	FALSE
0,129	0,298	0,004	0,010	0,176	FALSE
-0,068	0,287	-0,004	0,012	0,156	FALSE

-0,143	0,265	-0,003	0,007	0,152	FALSE
0,017	0,289	0,001	0,007	0,067	FALSE
0,043	0,280	0,001	0,008	0,027	FALSE
0,045	0,289	0,002	0,014	0,048	FALSE
0,171	0,290	0,007	0,012	0,236	FALSE
-0,044	0,304	-0,004	0,016	0,099	FALSE
-0,163	0,275	-0,003	0,009	0,146	FALSE
-0,016	0,290	-0,001	0,011	0,034	FALSE
-0,041	0,285	0,001	0,008	0,027	FALSE
0,000	0,271	-0,002	0,008	0,087	FALSE
0,059	0,279	0,000	0,007	0,016	FALSE
-0,025	0,290	-0,002	0,011	0,051	FALSE
0,014	0,281	-0,002	0,008	0,087	FALSE
-0,018	0,293	0,001	0,012	0,027	FALSE
-0,076	0,288	-0,004	0,011	0,150	FALSE
0,021	0,294	0,001	0,013	0,026	FALSE
0,107	0,285	0,004	0,012	0,137	FALSE
-0,130	0,287	-0,003	0,008	0,138	FALSE
-0,022	0,279	-0,001	0,008	0,039	FALSE
0,019	0,287	0,001	0,008	0,044	FALSE
-0,136	0,285	-0,005	0,009	0,235	FALSE
-0,079	0,277	-0,006	0,013	0,185	FALSE
-0,007	0,282	0,000	0,011	0,012	FALSE
-0,028	0,278	0,000	0,014	0,012	FALSE
-0,030	0,266	0,000	0,014	0,011	FALSE
-0,047	0,271	-0,001	0,013	0,015	FALSE
-0,027	0,273	0,000	0,014	0,008	FALSE
-0,056	0,281	-0,002	0,014	0,041	FALSE
0,029	0,296	0,002	0,013	0,064	FALSE
-0,020	0,286	0,002	0,015	0,044	FALSE
0,125	0,292	0,005	0,008	0,253	FALSE
0,066	0,285	0,001	0,009	0,062	FALSE
-0,223	0,284	-0,005	0,007	0,302	FALSE
0,010	0,280	-0,001	0,008	0,061	FALSE
-0,048	0,291	0,000	0,013	0,003	FALSE
-0,074	0,285	-0,001	0,007	0,070	FALSE
0,132	0,302	0,004	0,008	0,198	FALSE
0,018	0,286	0,002	0,009	0,076	FALSE
0,000	0,276	-0,001	0,008	0,047	FALSE
0,031	0,273	0,001	0,009	0,059	FALSE
0,066	0,281	0,001	0,012	0,019	FALSE
-0,017	0,296	0,001	0,008	0,031	FALSE
-0,119	0,282	-0,004	0,008	0,199	FALSE
0,174	0,281	0,006	0,010	0,254	FALSE
0,119	0,282	0,002	0,007	0,084	FALSE
-0,084	0,275	-0,003	0,009	0,113	FALSE
-0,066	0,293	-0,002	0,008	0,106	FALSE
0,154	0,277	0,005	0,014	0,137	FALSE
0,114	0,283	0,004	0,012	0,111	FALSE
0,084	0,294	0,002	0,008	0,121	FALSE
0,063	0,292	0,000	0,009	0,003	FALSE
0,038	0,289	0,002	0,011	0,065	FALSE
0,170	0,290	0,006	0,009	0,277	FALSE

0,210	0,284	0,005	0,008	0,301	FALSE
-0,078	0,286	-0,005	0,015	0,124	FALSE
-0,021	0,272	-0,001	0,011	0,017	FALSE
-0,001	0,301	0,001	0,013	0,029	FALSE
-0,121	0,274	-0,006	0,011	0,229	FALSE
-0,173	0,276	-0,006	0,013	0,201	FALSE
-0,120	0,300	-0,005	0,015	0,144	FALSE
0,063	0,274	0,001	0,010	0,053	FALSE
-0,065	0,287	-0,003	0,012	0,096	FALSE
0,184	0,287	0,005	0,008	0,265	FALSE
0,015	0,284	0,002	0,011	0,084	FALSE
0,127	0,293	0,002	0,009	0,109	FALSE
-0,003	0,284	-0,001	0,008	0,056	FALSE
-0,068	0,292	-0,001	0,012	0,046	FALSE
-0,075	0,291	-0,001	0,011	0,034	FALSE
0,135	0,291	0,003	0,011	0,124	FALSE
-0,017	0,308	0,001	0,009	0,025	FALSE
0,074	0,290	0,001	0,009	0,056	FALSE
0,060	0,307	0,001	0,010	0,036	FALSE
-0,151	0,295	-0,005	0,013	0,141	FALSE
0,025	0,287	0,000	0,014	0,007	FALSE
0,091	0,290	0,002	0,009	0,060	FALSE
-0,197	0,279	-0,007	0,009	0,334	FALSE
0,167	0,277	0,005	0,008	0,302	FALSE
-0,158	0,294	-0,005	0,010	0,213	FALSE
0,004	0,299	0,002	0,012	0,046	FALSE
0,121	0,265	0,002	0,013	0,062	FALSE
0,012	0,287	0,000	0,008	0,006	FALSE
0,103	0,276	0,003	0,011	0,092	FALSE
0,067	0,293	0,003	0,009	0,109	FALSE
-0,007	0,299	0,000	0,008	0,002	FALSE
-0,191	0,273	-0,004	0,008	0,215	FALSE
-0,117	0,282	-0,004	0,014	0,111	FALSE
-0,005	0,276	0,003	0,010	0,102	FALSE
0,037	0,273	0,002	0,007	0,082	FALSE
0,107	0,283	0,002	0,008	0,104	FALSE
0,052	0,279	0,000	0,013	0,003	FALSE
-0,066	0,283	-0,003	0,013	0,093	FALSE
0,014	0,287	-0,002	0,014	0,054	FALSE
0,098	0,285	0,003	0,010	0,116	FALSE
-0,222	0,281	-0,005	0,010	0,227	FALSE
0,115	0,291	0,003	0,008	0,133	FALSE
-0,215	0,275	-0,005	0,010	0,196	FALSE
0,058	0,288	0,001	0,012	0,040	FALSE
0,094	0,286	0,003	0,015	0,069	FALSE
-0,071	0,278	-0,002	0,009	0,107	FALSE
0,014	0,290	0,002	0,008	0,075	FALSE
-0,014	0,287	0,002	0,009	0,079	FALSE
-0,052	0,283	-0,002	0,008	0,077	FALSE
0,020	0,283	0,002	0,009	0,076	FALSE
-0,048	0,273	0,000	0,010	0,012	FALSE
-0,071	0,279	-0,002	0,012	0,054	FALSE
0,028	0,290	-0,001	0,008	0,042	FALSE

-0,030	0,265	0,001	0,014	0,014	FALSE
-0,060	0,282	-0,002	0,012	0,058	FALSE
0,084	0,260	0,003	0,014	0,068	FALSE
-0,004	0,280	0,000	0,013	0,004	FALSE
-0,026	0,280	0,000	0,010	0,017	FALSE
0,057	0,288	0,003	0,008	0,160	FALSE
0,064	0,288	0,001	0,008	0,066	FALSE
0,122	0,287	0,004	0,010	0,180	FALSE
0,157	0,280	0,006	0,015	0,177	FALSE
0,156	0,279	0,005	0,011	0,162	FALSE
-0,014	0,280	-0,001	0,009	0,036	FALSE
-0,020	0,284	0,000	0,011	0,009	FALSE
-0,034	0,288	-0,004	0,014	0,108	FALSE
0,102	0,279	0,002	0,015	0,060	FALSE
0,029	0,282	-0,001	0,012	0,017	FALSE
-0,028	0,282	-0,001	0,008	0,039	FALSE
-0,164	0,277	-0,005	0,012	0,177	FALSE
0,172	0,288	0,006	0,011	0,227	FALSE
-0,144	0,276	-0,004	0,014	0,101	FALSE
-0,076	0,279	-0,004	0,013	0,102	FALSE
0,121	0,294	0,004	0,011	0,152	FALSE
0,170	0,274	0,003	0,007	0,184	FALSE
0,302	0,264	0,012	0,012	0,482	FALSE
0,310	0,276	0,012	0,013	0,461	FALSE
-0,098	0,291	-0,002	0,008	0,119	FALSE
-0,141	0,282	-0,003	0,014	0,069	FALSE
-0,022	0,297	0,000	0,008	0,019	FALSE
-0,113	0,291	-0,005	0,012	0,178	FALSE
0,148	0,285	0,007	0,014	0,217	FALSE
-0,046	0,285	-0,001	0,007	0,044	FALSE
-0,036	0,300	-0,001	0,014	0,035	FALSE
0,029	0,286	-0,001	0,008	0,028	FALSE
0,074	0,288	0,003	0,009	0,109	FALSE
0,067	0,275	0,003	0,010	0,103	FALSE
0,047	0,284	0,002	0,009	0,071	FALSE
-0,219	0,281	-0,011	0,014	0,359	FALSE
0,018	0,280	0,002	0,012	0,068	FALSE
0,132	0,280	0,003	0,008	0,140	FALSE
-0,033	0,290	0,001	0,010	0,044	FALSE
0,136	0,289	0,003	0,011	0,109	FALSE
0,012	0,284	0,002	0,009	0,098	FALSE
0,201	0,268	0,006	0,011	0,230	FALSE
0,155	0,282	0,004	0,009	0,159	FALSE
0,008	0,303	-0,001	0,011	0,017	FALSE
0,183	0,275	0,006	0,013	0,189	FALSE
0,108	0,288	0,003	0,009	0,109	FALSE
0,064	0,284	0,001	0,012	0,030	FALSE
0,022	0,288	0,001	0,007	0,032	FALSE
0,076	0,285	0,001	0,010	0,048	FALSE
-0,030	0,285	-0,002	0,009	0,085	FALSE
0,059	0,281	0,001	0,008	0,059	FALSE
-0,081	0,293	-0,002	0,013	0,071	FALSE
0,059	0,289	0,004	0,011	0,148	FALSE

0,052	0,278	0,004	0,013	0,129	FALSE
-0,156	0,288	-0,008	0,013	0,258	FALSE
0,076	0,285	0,003	0,015	0,083	FALSE
-0,085	0,281	-0,002	0,008	0,108	FALSE
0,116	0,272	0,005	0,015	0,127	FALSE
0,060	0,273	0,003	0,014	0,080	FALSE
0,020	0,287	0,001	0,015	0,033	FALSE
0,044	0,298	0,001	0,010	0,039	FALSE
-0,224	0,271	-0,007	0,012	0,273	FALSE
0,169	0,292	0,007	0,012	0,249	FALSE
0,031	0,284	0,002	0,012	0,060	FALSE
-0,008	0,290	0,002	0,008	0,067	FALSE
0,026	0,288	0,002	0,008	0,089	FALSE
-0,141	0,284	-0,004	0,009	0,174	FALSE
0,062	0,279	0,000	0,012	0,002	FALSE
0,075	0,299	0,001	0,011	0,022	FALSE
0,112	0,281	0,002	0,009	0,069	FALSE
0,058	0,292	0,004	0,010	0,157	FALSE
0,076	0,286	0,001	0,010	0,043	FALSE
-0,213	0,276	-0,011	0,013	0,415	FALSE
0,035	0,312	0,001	0,008	0,032	FALSE
-0,164	0,272	-0,004	0,012	0,144	FALSE
0,065	0,282	0,002	0,012	0,065	FALSE
0,031	0,283	-0,001	0,014	0,032	FALSE
-0,060	0,279	0,001	0,012	0,032	FALSE
0,004	0,282	0,004	0,011	0,144	FALSE
0,115	0,291	0,003	0,008	0,141	FALSE
0,081	0,294	0,004	0,015	0,116	FALSE
0,115	0,282	0,004	0,015	0,114	FALSE
0,147	0,284	0,003	0,015	0,076	FALSE
0,138	0,276	0,003	0,014	0,083	FALSE
-0,031	0,290	0,000	0,012	0,005	FALSE
0,092	0,274	0,001	0,013	0,022	FALSE
0,010	0,294	0,000	0,007	0,016	FALSE
0,014	0,303	0,003	0,016	0,061	FALSE
-0,015	0,296	0,000	0,014	0,002	FALSE
0,073	0,264	0,001	0,013	0,039	FALSE
0,098	0,277	0,003	0,015	0,080	FALSE
0,054	0,283	0,004	0,012	0,139	FALSE
-0,073	0,276	-0,002	0,007	0,082	FALSE
-0,020	0,277	-0,002	0,008	0,117	FALSE
0,121	0,295	0,005	0,010	0,208	FALSE
-0,228	0,289	-0,008	0,012	0,286	FALSE
0,090	0,289	0,004	0,015	0,118	FALSE
-0,162	0,274	-0,003	0,008	0,170	FALSE
-0,039	0,279	-0,002	0,013	0,044	FALSE
0,001	0,293	0,000	0,014	0,007	FALSE
0,160	0,278	0,008	0,014	0,239	FALSE
-0,011	0,290	0,000	0,007	0,018	FALSE
0,006	0,288	-0,001	0,011	0,017	FALSE
-0,024	0,286	0,001	0,015	0,030	FALSE
0,131	0,275	0,003	0,008	0,121	FALSE
0,029	0,279	0,000	0,012	0,013	FALSE

-0,012	0,283	0,000	0,010	0,015	FALSE
-0,097	0,286	-0,001	0,011	0,046	FALSE
0,053	0,280	-0,001	0,011	0,024	FALSE
0,104	0,277	0,004	0,015	0,096	FALSE
0,157	0,268	0,002	0,008	0,110	FALSE
0,072	0,293	0,002	0,009	0,073	FALSE
0,056	0,283	0,001	0,008	0,039	FALSE
-0,127	0,287	-0,006	0,013	0,181	FALSE
0,058	0,294	0,001	0,013	0,041	FALSE
-0,071	0,297	-0,001	0,011	0,046	FALSE
-0,092	0,295	-0,004	0,014	0,117	FALSE
0,103	0,280	0,002	0,011	0,067	FALSE
0,062	0,292	0,001	0,014	0,032	FALSE
-0,021	0,285	0,001	0,008	0,039	FALSE
0,082	0,288	0,003	0,007	0,174	FALSE
0,133	0,274	0,004	0,011	0,175	FALSE
-0,025	0,282	-0,001	0,013	0,024	FALSE
-0,224	0,269	-0,006	0,008	0,372	FALSE
-0,003	0,300	-0,002	0,014	0,042	FALSE
0,029	0,280	-0,002	0,009	0,074	FALSE
0,028	0,289	0,000	0,015	0,005	FALSE
-0,028	0,289	-0,001	0,015	0,024	FALSE
-0,101	0,294	-0,002	0,008	0,099	FALSE
-0,074	0,289	-0,003	0,008	0,129	FALSE
0,017	0,297	-0,001	0,011	0,029	FALSE
-0,114	0,290	-0,003	0,010	0,133	FALSE
0,029	0,298	0,000	0,009	0,010	FALSE
0,043	0,293	0,002	0,008	0,109	FALSE
-0,006	0,294	-0,001	0,011	0,032	FALSE
-0,066	0,274	-0,003	0,011	0,097	FALSE
-0,129	0,283	-0,004	0,011	0,140	FALSE
0,092	0,291	0,003	0,007	0,135	FALSE
-0,044	0,293	-0,002	0,011	0,049	FALSE
-0,076	0,291	-0,004	0,012	0,134	FALSE
-0,072	0,277	-0,003	0,012	0,089	FALSE
0,001	0,286	-0,002	0,014	0,054	FALSE
0,137	0,277	0,002	0,007	0,125	FALSE
-0,156	0,276	-0,006	0,012	0,216	FALSE
-0,110	0,275	-0,002	0,010	0,095	FALSE
0,096	0,291	0,002	0,007	0,126	FALSE
0,026	0,291	0,001	0,014	0,025	FALSE
0,013	0,283	0,001	0,011	0,040	FALSE
-0,078	0,289	-0,002	0,011	0,052	FALSE
-0,003	0,284	0,001	0,013	0,015	FALSE
-0,027	0,287	-0,001	0,010	0,026	FALSE
0,034	0,281	0,002	0,009	0,063	FALSE
0,024	0,284	0,002	0,007	0,102	FALSE
0,013	0,296	0,001	0,010	0,049	FALSE
0,010	0,298	0,000	0,010	0,017	FALSE
0,039	0,278	0,000	0,009	0,011	FALSE
-0,067	0,281	-0,004	0,013	0,108	FALSE
-0,138	0,298	-0,006	0,013	0,184	FALSE
-0,035	0,289	-0,002	0,009	0,092	FALSE

-0,042	0,293	-0,003	0,011	0,113	FALSE
-0,079	0,293	-0,005	0,015	0,147	FALSE
-0,025	0,291	0,000	0,010	0,004	FALSE
0,166	0,299	0,004	0,007	0,231	FALSE
-0,124	0,291	-0,002	0,012	0,071	FALSE
0,177	0,271	0,006	0,013	0,178	FALSE
-0,127	0,290	-0,004	0,014	0,102	FALSE
-0,177	0,271	-0,005	0,009	0,247	FALSE
0,014	0,273	-0,001	0,008	0,054	FALSE
0,057	0,301	0,002	0,010	0,058	FALSE
0,060	0,287	0,002	0,013	0,058	FALSE
0,067	0,277	0,002	0,013	0,056	FALSE
0,028	0,279	0,000	0,008	0,014	FALSE
0,084	0,289	0,003	0,013	0,089	FALSE
0,013	0,292	-0,002	0,010	0,064	FALSE
0,115	0,294	0,004	0,008	0,208	FALSE
-0,048	0,289	-0,003	0,013	0,076	FALSE
0,125	0,278	0,004	0,011	0,152	FALSE
-0,241	0,270	-0,006	0,008	0,314	FALSE
0,179	0,281	0,005	0,008	0,321	FALSE
0,105	0,290	0,002	0,011	0,064	FALSE
-0,159	0,275	-0,005	0,008	0,300	FALSE
0,048	0,284	0,001	0,009	0,050	FALSE
0,062	0,283	0,001	0,008	0,051	FALSE
-0,203	0,254	-0,006	0,014	0,166	FALSE
-0,139	0,290	-0,003	0,008	0,133	FALSE
-0,016	0,275	-0,001	0,010	0,035	FALSE
-0,104	0,295	-0,003	0,008	0,129	FALSE
0,011	0,280	0,000	0,007	0,017	FALSE
0,036	0,292	0,002	0,009	0,065	FALSE
-0,046	0,288	-0,001	0,011	0,044	FALSE
-0,100	0,288	-0,005	0,014	0,155	FALSE
-0,074	0,291	-0,004	0,014	0,095	FALSE
-0,102	0,301	-0,002	0,012	0,072	FALSE
0,024	0,281	0,001	0,010	0,028	FALSE
-0,084	0,280	-0,001	0,007	0,066	FALSE
-0,097	0,301	-0,002	0,011	0,077	FALSE
-0,085	0,307	-0,003	0,013	0,076	FALSE
-0,124	0,263	-0,003	0,011	0,099	FALSE
0,075	0,283	0,002	0,009	0,103	FALSE
-0,133	0,271	-0,003	0,007	0,160	FALSE
-0,022	0,293	-0,002	0,014	0,056	FALSE
0,104	0,286	0,003	0,015	0,075	FALSE
0,206	0,283	0,005	0,008	0,279	FALSE
0,173	0,296	0,004	0,007	0,229	FALSE
0,083	0,284	0,002	0,008	0,092	FALSE
0,220	0,284	0,005	0,008	0,259	FALSE
-0,160	0,265	-0,009	0,014	0,259	FALSE
-0,017	0,294	0,000	0,015	0,005	FALSE
0,131	0,294	0,007	0,015	0,183	FALSE
0,117	0,285	0,006	0,015	0,160	FALSE
0,106	0,282	0,005	0,015	0,147	FALSE
0,090	0,280	0,005	0,015	0,130	FALSE

-0,117	0,290	-0,002	0,008	0,098	FALSE
0,049	0,280	0,000	0,008	0,006	FALSE
-0,106	0,289	-0,001	0,008	0,052	FALSE
-0,069	0,275	-0,002	0,008	0,084	FALSE
-0,058	0,280	-0,001	0,009	0,053	FALSE
-0,092	0,287	-0,003	0,014	0,084	FALSE
0,089	0,290	0,004	0,014	0,114	FALSE
0,119	0,281	0,003	0,008	0,131	FALSE
0,129	0,282	0,003	0,007	0,136	FALSE
0,078	0,280	0,001	0,008	0,037	FALSE
-0,070	0,289	-0,001	0,009	0,023	FALSE
-0,039	0,288	-0,003	0,014	0,093	FALSE
-0,027	0,283	-0,002	0,009	0,089	FALSE
-0,032	0,294	0,000	0,007	0,005	FALSE
0,197	0,277	0,009	0,010	0,414	FALSE
-0,005	0,273	-0,003	0,010	0,099	FALSE
0,029	0,291	-0,002	0,012	0,050	FALSE
0,007	0,303	0,000	0,012	0,003	FALSE
0,073	0,280	0,001	0,007	0,064	FALSE
0,007	0,277	0,000	0,013	0,010	FALSE
0,016	0,288	0,000	0,014	0,004	FALSE
-0,064	0,267	-0,002	0,013	0,047	FALSE
0,047	0,298	0,001	0,009	0,042	FALSE
-0,098	0,291	-0,002	0,008	0,099	FALSE
0,060	0,291	0,001	0,014	0,031	FALSE
-0,099	0,287	-0,002	0,009	0,069	FALSE
0,054	0,293	0,002	0,009	0,098	FALSE
-0,096	0,286	-0,003	0,009	0,130	FALSE
0,046	0,275	0,001	0,009	0,053	FALSE
-0,076	0,280	-0,002	0,008	0,114	FALSE
-0,028	0,289	-0,001	0,008	0,036	FALSE
-0,123	0,277	-0,002	0,011	0,053	FALSE
0,189	0,280	0,006	0,009	0,250	FALSE
-0,054	0,264	-0,001	0,008	0,052	FALSE
0,015	0,284	0,001	0,010	0,022	FALSE
0,019	0,276	0,002	0,010	0,060	FALSE
0,104	0,288	0,002	0,011	0,070	FALSE
-0,155	0,283	-0,005	0,008	0,230	FALSE
-0,161	0,265	-0,006	0,010	0,270	FALSE
0,064	0,283	0,004	0,010	0,135	FALSE
-0,019	0,285	-0,001	0,009	0,031	FALSE
-0,019	0,262	-0,002	0,014	0,047	FALSE
-0,099	0,279	-0,005	0,014	0,154	FALSE
-0,047	0,283	-0,002	0,008	0,095	FALSE
0,015	0,286	0,001	0,011	0,033	FALSE
-0,041	0,282	0,001	0,013	0,016	FALSE
0,130	0,290	0,003	0,011	0,095	FALSE
0,030	0,281	0,003	0,015	0,068	FALSE
0,022	0,280	0,003	0,014	0,075	FALSE
0,030	0,287	0,003	0,015	0,087	FALSE
-0,002	0,293	0,001	0,015	0,021	FALSE
-0,060	0,288	-0,001	0,015	0,014	FALSE
-0,149	0,288	-0,005	0,009	0,236	FALSE

0,103	0,295	0,002	0,008	0,109	FALSE
0,031	0,287	0,003	0,013	0,077	FALSE
0,082	0,285	0,005	0,012	0,148	FALSE
0,105	0,272	0,005	0,012	0,186	FALSE
0,101	0,287	0,003	0,010	0,141	FALSE
-0,076	0,295	-0,002	0,012	0,074	FALSE
0,045	0,278	-0,001	0,008	0,025	FALSE
0,008	0,299	0,000	0,015	0,001	FALSE
-0,019	0,274	-0,001	0,010	0,044	FALSE
0,040	0,283	0,003	0,014	0,082	FALSE
-0,271	0,265	-0,007	0,009	0,406	FALSE
0,194	0,279	0,008	0,014	0,226	FALSE
-0,024	0,279	-0,002	0,010	0,075	FALSE
-0,073	0,287	-0,003	0,013	0,098	FALSE
-0,157	0,287	-0,005	0,010	0,194	FALSE
-0,167	0,281	-0,006	0,010	0,290	FALSE
0,005	0,285	0,000	0,014	0,002	FALSE
0,048	0,278	0,000	0,008	0,014	FALSE
0,125	0,298	0,003	0,012	0,092	FALSE
-0,081	0,288	-0,004	0,011	0,135	FALSE
0,064	0,282	0,003	0,012	0,098	FALSE
-0,140	0,279	-0,006	0,010	0,265	FALSE
0,026	0,305	0,001	0,012	0,037	FALSE
0,113	0,291	0,003	0,011	0,119	FALSE
0,084	0,283	0,004	0,013	0,116	FALSE
-0,117	0,274	-0,005	0,012	0,159	FALSE
-0,260	0,262	-0,010	0,012	0,382	FALSE
0,013	0,294	0,001	0,010	0,020	FALSE
0,053	0,292	0,001	0,015	0,022	FALSE
0,144	0,284	0,003	0,009	0,106	FALSE
0,095	0,288	0,002	0,013	0,067	FALSE
-0,157	0,289	-0,003	0,008	0,150	FALSE
0,078	0,291	0,001	0,008	0,065	FALSE
-0,104	0,279	-0,003	0,008	0,136	FALSE
0,064	0,277	0,003	0,008	0,127	FALSE
0,046	0,285	0,002	0,008	0,079	FALSE
0,008	0,283	-0,001	0,009	0,061	FALSE
0,117	0,282	0,004	0,008	0,202	FALSE
0,158	0,281	0,005	0,009	0,262	FALSE
0,049	0,295	0,003	0,015	0,064	FALSE
-0,218	0,275	-0,006	0,010	0,267	FALSE
-0,217	0,282	-0,006	0,010	0,242	FALSE
-0,069	0,297	-0,002	0,014	0,040	FALSE
-0,083	0,286	-0,002	0,009	0,098	FALSE
0,044	0,284	0,004	0,012	0,134	FALSE
0,058	0,279	0,005	0,013	0,159	FALSE
-0,095	0,283	-0,003	0,009	0,114	FALSE
0,073	0,284	0,004	0,013	0,129	FALSE
-0,020	0,284	-0,001	0,008	0,036	FALSE
-0,032	0,289	-0,002	0,010	0,064	FALSE
-0,074	0,288	-0,004	0,011	0,149	FALSE
0,022	0,279	-0,001	0,009	0,023	FALSE
-0,096	0,292	-0,006	0,015	0,144	FALSE

0,083	0,277	0,003	0,010	0,138	FALSE
0,037	0,285	-0,001	0,011	0,029	FALSE
-0,091	0,291	-0,006	0,015	0,153	FALSE
-0,124	0,287	-0,002	0,008	0,112	FALSE
-0,005	0,284	0,001	0,011	0,018	FALSE
0,099	0,276	0,004	0,008	0,196	FALSE
0,159	0,277	0,002	0,008	0,088	FALSE
0,079	0,282	0,003	0,014	0,066	FALSE
0,000	0,285	0,001	0,015	0,021	FALSE
0,086	0,296	0,002	0,009	0,099	FALSE
-0,029	0,284	0,001	0,008	0,045	FALSE
0,166	0,291	0,005	0,010	0,199	FALSE
0,047	0,288	0,000	0,008	0,018	FALSE
-0,169	0,289	-0,005	0,010	0,218	FALSE
0,081	0,297	0,002	0,013	0,041	FALSE
0,167	0,287	0,010	0,015	0,296	FALSE
-0,127	0,295	-0,005	0,010	0,188	FALSE
-0,110	0,295	-0,003	0,009	0,143	FALSE
0,002	0,298	0,001	0,009	0,053	FALSE
0,091	0,288	0,000	0,008	0,015	FALSE
-0,048	0,286	-0,003	0,008	0,124	FALSE
0,068	0,295	0,003	0,014	0,080	FALSE
0,037	0,292	0,003	0,014	0,069	FALSE
0,130	0,302	0,003	0,007	0,163	FALSE
0,064	0,289	0,002	0,012	0,055	FALSE
0,186	0,286	0,008	0,013	0,256	FALSE
0,181	0,280	0,008	0,014	0,231	FALSE
0,012	0,294	0,000	0,008	0,010	FALSE
0,039	0,272	0,000	0,010	0,006	FALSE
-0,005	0,290	0,000	0,009	0,002	FALSE
-0,040	0,290	-0,001	0,012	0,016	FALSE
-0,164	0,276	-0,003	0,011	0,120	FALSE
0,082	0,282	0,003	0,014	0,083	FALSE
0,030	0,286	-0,001	0,012	0,028	FALSE
-0,050	0,292	-0,001	0,015	0,013	FALSE
-0,015	0,300	0,000	0,014	0,004	FALSE
0,002	0,281	0,000	0,012	0,007	FALSE
-0,008	0,280	-0,001	0,009	0,031	FALSE
0,069	0,292	0,002	0,008	0,107	FALSE
-0,068	0,289	-0,004	0,015	0,089	FALSE
0,082	0,292	0,001	0,009	0,057	FALSE
-0,050	0,281	-0,003	0,010	0,104	FALSE
0,019	0,274	0,003	0,013	0,080	FALSE
-0,066	0,290	-0,003	0,014	0,091	FALSE
-0,074	0,275	-0,001	0,010	0,020	FALSE
0,069	0,262	0,001	0,011	0,022	FALSE
-0,079	0,277	-0,003	0,009	0,144	FALSE
0,080	0,288	0,003	0,008	0,129	FALSE
0,048	0,291	0,002	0,009	0,063	FALSE
0,023	0,297	0,000	0,011	0,015	FALSE
-0,032	0,274	-0,001	0,011	0,046	FALSE
-0,077	0,291	-0,004	0,014	0,094	FALSE
0,029	0,272	0,001	0,007	0,051	FALSE

0,012	0,287	0,001	0,008	0,028	FALSE
-0,151	0,296	-0,008	0,015	0,216	FALSE
-0,027	0,291	-0,001	0,008	0,030	FALSE
0,082	0,287	0,004	0,012	0,122	FALSE
0,047	0,275	0,000	0,014	0,010	FALSE
-0,143	0,279	-0,007	0,013	0,235	FALSE
-0,190	0,256	-0,011	0,015	0,350	FALSE
-0,126	0,278	-0,003	0,009	0,128	FALSE
0,086	0,273	0,003	0,010	0,102	FALSE
-0,033	0,289	0,000	0,008	0,008	FALSE
0,110	0,285	0,006	0,013	0,177	FALSE
0,095	0,284	0,004	0,011	0,130	FALSE
0,001	0,285	0,000	0,009	0,000	FALSE
0,104	0,279	0,004	0,008	0,226	FALSE
0,047	0,295	0,004	0,014	0,112	FALSE
0,005	0,290	-0,001	0,012	0,035	FALSE
-0,076	0,293	-0,002	0,009	0,078	FALSE
0,052	0,285	0,001	0,010	0,032	FALSE
-0,074	0,295	-0,002	0,007	0,082	FALSE
0,008	0,284	0,001	0,010	0,019	FALSE
0,055	0,295	0,002	0,010	0,082	FALSE
-0,056	0,271	-0,003	0,013	0,079	FALSE
-0,026	0,272	0,000	0,014	0,007	FALSE
-0,028	0,292	0,000	0,009	0,016	FALSE
-0,025	0,292	-0,001	0,009	0,022	FALSE
0,129	0,275	0,003	0,011	0,110	FALSE
-0,135	0,288	-0,002	0,007	0,128	FALSE
0,139	0,281	0,005	0,009	0,256	FALSE
0,033	0,289	0,005	0,015	0,129	FALSE
0,013	0,304	0,003	0,015	0,074	FALSE
0,079	0,275	0,005	0,014	0,142	FALSE
0,075	0,276	0,006	0,011	0,206	FALSE
0,021	0,286	0,001	0,008	0,028	FALSE
-0,023	0,285	-0,001	0,015	0,027	FALSE
0,042	0,290	0,002	0,008	0,116	FALSE
-0,008	0,290	-0,001	0,012	0,031	FALSE
0,175	0,280	0,004	0,008	0,202	FALSE
0,282	0,267	0,006	0,008	0,348	FALSE
0,216	0,277	0,004	0,009	0,202	FALSE
0,124	0,290	0,004	0,008	0,195	FALSE
0,243	0,263	0,005	0,009	0,241	FALSE
0,034	0,290	0,001	0,009	0,022	FALSE
-0,226	0,269	-0,008	0,012	0,285	FALSE
-0,236	0,282	-0,009	0,014	0,294	FALSE
0,179	0,282	0,009	0,014	0,259	FALSE
-0,214	0,279	-0,009	0,013	0,291	FALSE
-0,106	0,287	-0,002	0,008	0,085	FALSE
-0,021	0,298	-0,003	0,012	0,092	FALSE
0,147	0,271	0,004	0,011	0,129	FALSE
0,055	0,280	0,002	0,014	0,047	FALSE
0,085	0,288	0,002	0,007	0,096	FALSE
-0,052	0,292	-0,003	0,014	0,082	FALSE
0,118	0,286	0,005	0,009	0,218	FALSE

0,095	0,286	0,005	0,009	0,215	FALSE
-0,107	0,283	-0,002	0,007	0,099	FALSE
-0,103	0,288	-0,002	0,012	0,059	FALSE
0,205	0,269	0,007	0,014	0,213	FALSE
-0,120	0,296	-0,002	0,011	0,077	FALSE
-0,047	0,290	-0,001	0,012	0,044	FALSE
-0,230	0,276	-0,011	0,015	0,339	FALSE
0,155	0,272	0,005	0,009	0,228	FALSE
0,120	0,291	0,003	0,013	0,082	FALSE
0,102	0,293	0,003	0,008	0,124	FALSE
0,156	0,294	0,007	0,015	0,196	FALSE
0,005	0,287	0,001	0,008	0,055	FALSE
0,151	0,277	0,003	0,009	0,116	FALSE
-0,155	0,289	-0,003	0,007	0,189	FALSE
-0,053	0,287	-0,003	0,010	0,113	FALSE
0,082	0,288	0,002	0,014	0,043	FALSE
-0,054	0,274	-0,002	0,010	0,071	FALSE
-0,085	0,288	-0,004	0,010	0,133	FALSE
0,054	0,292	0,002	0,009	0,102	FALSE
-0,041	0,289	-0,001	0,015	0,028	FALSE
0,002	0,294	0,002	0,014	0,046	FALSE
0,017	0,297	-0,001	0,012	0,037	FALSE
0,024	0,277	-0,001	0,011	0,027	FALSE
-0,046	0,286	-0,001	0,009	0,052	FALSE
-0,095	0,292	-0,001	0,008	0,050	FALSE
-0,096	0,273	-0,001	0,008	0,045	FALSE
-0,125	0,282	-0,002	0,010	0,082	FALSE
-0,168	0,276	-0,006	0,010	0,232	FALSE
0,129	0,290	0,003	0,010	0,106	FALSE
0,095	0,288	0,002	0,010	0,070	FALSE
0,126	0,290	0,004	0,012	0,131	FALSE
0,151	0,289	0,005	0,013	0,169	FALSE
0,043	0,297	0,001	0,010	0,024	FALSE
0,028	0,299	0,002	0,015	0,055	FALSE
-0,077	0,295	-0,001	0,008	0,054	FALSE
0,048	0,286	0,000	0,011	0,003	FALSE
-0,036	0,289	-0,001	0,008	0,049	FALSE
0,003	0,285	0,001	0,011	0,028	FALSE
-0,027	0,303	0,000	0,014	0,002	FALSE
-0,035	0,304	-0,001	0,013	0,029	FALSE
0,002	0,304	0,001	0,014	0,018	FALSE
-0,002	0,289	0,001	0,013	0,015	FALSE
-0,032	0,302	0,000	0,008	0,008	FALSE
0,081	0,279	0,003	0,015	0,072	FALSE
0,055	0,287	0,002	0,014	0,040	FALSE
-0,092	0,291	-0,002	0,009	0,100	FALSE
-0,089	0,284	-0,003	0,010	0,100	FALSE
0,051	0,297	0,002	0,007	0,103	FALSE
-0,004	0,287	-0,001	0,007	0,036	FALSE
0,026	0,285	0,003	0,010	0,108	FALSE
0,112	0,277	0,002	0,010	0,065	FALSE
0,059	0,294	0,001	0,007	0,042	FALSE
0,068	0,278	0,001	0,007	0,031	FALSE

-0,001	0,282	0,000	0,009	0,004	FALSE
-0,069	0,285	-0,005	0,013	0,150	FALSE
-0,138	0,277	-0,003	0,007	0,175	FALSE
-0,021	0,289	-0,001	0,007	0,045	FALSE
0,069	0,289	0,002	0,008	0,118	FALSE
-0,115	0,284	-0,004	0,013	0,125	FALSE
-0,167	0,281	-0,003	0,007	0,173	FALSE
0,074	0,278	0,001	0,007	0,027	FALSE
0,054	0,295	0,003	0,008	0,132	FALSE
0,216	0,282	0,005	0,009	0,237	FALSE
-0,011	0,293	0,001	0,014	0,029	FALSE
0,033	0,292	0,001	0,013	0,036	FALSE
-0,063	0,283	-0,001	0,015	0,016	FALSE
-0,034	0,278	-0,004	0,014	0,124	FALSE
0,039	0,281	0,003	0,008	0,131	FALSE
0,136	0,290	0,004	0,010	0,156	FALSE
-0,072	0,291	-0,001	0,008	0,064	FALSE
-0,007	0,281	0,001	0,013	0,031	FALSE
-0,024	0,291	-0,002	0,009	0,072	FALSE
-0,053	0,277	-0,003	0,009	0,116	FALSE
-0,020	0,286	-0,002	0,013	0,051	FALSE
-0,061	0,303	-0,003	0,012	0,087	FALSE
0,101	0,287	0,002	0,007	0,086	FALSE
0,044	0,295	0,001	0,010	0,021	FALSE
-0,079	0,295	-0,002	0,015	0,050	FALSE
0,082	0,261	0,002	0,013	0,046	FALSE
-0,035	0,292	-0,001	0,007	0,065	FALSE
0,098	0,272	0,003	0,014	0,082	FALSE
0,065	0,278	0,005	0,014	0,143	FALSE
0,021	0,275	-0,001	0,007	0,035	FALSE
0,003	0,284	-0,002	0,013	0,050	FALSE
0,097	0,287	0,002	0,013	0,060	TRUE
0,103	0,288	0,002	0,012	0,076	FALSE
0,115	0,297	0,003	0,013	0,089	FALSE
-0,015	0,276	-0,002	0,014	0,048	FALSE
0,122	0,278	0,001	0,007	0,063	FALSE
-0,016	0,295	-0,001	0,012	0,035	FALSE
-0,024	0,294	-0,001	0,015	0,020	FALSE
0,064	0,270	0,002	0,011	0,060	FALSE
0,096	0,290	0,003	0,015	0,067	FALSE
0,023	0,283	-0,003	0,014	0,071	FALSE
-0,055	0,282	-0,002	0,010	0,079	FALSE
0,098	0,286	0,003	0,014	0,069	FALSE
0,107	0,273	0,001	0,007	0,054	FALSE
0,001	0,284	0,002	0,014	0,067	FALSE
-0,011	0,273	-0,001	0,013	0,024	FALSE
0,176	0,286	0,004	0,008	0,239	FALSE
0,211	0,279	0,011	0,015	0,342	FALSE
0,186	0,267	0,008	0,014	0,229	FALSE
0,100	0,292	0,003	0,008	0,131	FALSE
0,074	0,280	0,002	0,010	0,068	FALSE
-0,037	0,282	0,000	0,011	0,004	FALSE
0,093	0,286	0,002	0,012	0,064	FALSE

0,028	0,289	-0,001	0,013	0,015	FALSE
-0,065	0,296	-0,002	0,008	0,077	FALSE
0,006	0,291	0,000	0,008	0,010	FALSE
0,013	0,301	0,002	0,011	0,078	FALSE
0,035	0,284	0,001	0,010	0,048	FALSE
0,141	0,285	0,005	0,008	0,246	FALSE
0,142	0,284	0,005	0,008	0,262	FALSE
0,130	0,296	0,003	0,008	0,129	FALSE
-0,112	0,272	-0,004	0,007	0,209	FALSE
0,089	0,284	0,007	0,015	0,204	FALSE
0,108	0,293	0,009	0,015	0,240	FALSE
0,106	0,276	0,003	0,008	0,137	FALSE
-0,019	0,286	0,003	0,013	0,080	FALSE
0,096	0,278	0,005	0,012	0,192	FALSE
0,183	0,298	0,005	0,008	0,312	FALSE
-0,042	0,289	0,000	0,011	0,007	FALSE
0,094	0,285	0,002	0,009	0,097	FALSE
-0,153	0,290	-0,003	0,008	0,183	FALSE
-0,030	0,296	0,000	0,012	0,010	FALSE
-0,030	0,264	-0,003	0,013	0,099	FALSE
-0,047	0,269	-0,004	0,012	0,125	FALSE
-0,005	0,290	-0,002	0,014	0,061	FALSE
-0,044	0,292	-0,002	0,014	0,058	FALSE
-0,066	0,294	-0,002	0,008	0,094	FALSE
-0,013	0,296	-0,002	0,014	0,052	FALSE
-0,036	0,296	0,001	0,012	0,017	FALSE
0,082	0,288	0,002	0,010	0,056	FALSE
0,024	0,306	0,000	0,014	0,012	FALSE
0,114	0,284	0,003	0,008	0,124	FALSE
-0,187	0,274	-0,007	0,011	0,294	FALSE
0,077	0,274	0,002	0,008	0,121	FALSE
-0,144	0,264	-0,011	0,013	0,382	FALSE
-0,129	0,270	-0,010	0,014	0,350	FALSE
-0,078	0,290	-0,002	0,011	0,074	FALSE
-0,225	0,271	-0,009	0,010	0,443	FALSE
-0,001	0,277	-0,001	0,009	0,037	FALSE
-0,060	0,291	-0,004	0,013	0,123	FALSE
0,015	0,286	-0,001	0,009	0,036	FALSE
0,056	0,288	0,001	0,009	0,050	FALSE
-0,033	0,296	0,000	0,012	0,010	FALSE
0,201	0,275	0,008	0,013	0,272	FALSE
-0,030	0,289	-0,001	0,008	0,044	FALSE
-0,043	0,283	-0,001	0,010	0,051	FALSE
-0,036	0,297	-0,002	0,012	0,055	FALSE
0,008	0,288	-0,001	0,014	0,031	FALSE
-0,110	0,274	-0,003	0,011	0,103	FALSE
-0,040	0,290	-0,004	0,015	0,107	FALSE
0,064	0,291	0,001	0,015	0,023	FALSE
-0,005	0,296	0,000	0,010	0,010	FALSE
0,092	0,285	0,004	0,015	0,097	FALSE
-0,058	0,274	-0,005	0,013	0,142	FALSE
0,060	0,286	0,004	0,013	0,125	FALSE
-0,169	0,270	-0,008	0,011	0,318	FALSE

-0,073	0,287	-0,001	0,008	0,032	FALSE
0,037	0,273	0,000	0,013	0,012	FALSE
-0,003	0,295	0,000	0,009	0,018	FALSE
0,024	0,280	-0,002	0,014	0,066	FALSE
0,121	0,286	0,002	0,007	0,095	FALSE
-0,114	0,272	-0,003	0,008	0,162	FALSE
0,085	0,284	0,003	0,014	0,094	FALSE
0,046	0,283	0,002	0,010	0,091	FALSE
-0,028	0,290	-0,001	0,007	0,052	FALSE
-0,003	0,278	-0,001	0,011	0,019	FALSE
-0,022	0,301	0,001	0,012	0,017	FALSE
-0,004	0,284	-0,001	0,013	0,020	FALSE
0,090	0,284	0,002	0,013	0,066	FALSE
0,054	0,291	0,001	0,010	0,045	FALSE
0,035	0,282	0,000	0,008	0,022	FALSE
0,097	0,284	0,003	0,013	0,099	FALSE
0,038	0,289	0,001	0,012	0,033	FALSE
-0,004	0,281	-0,001	0,014	0,015	FALSE
0,054	0,276	-0,001	0,012	0,037	FALSE
0,011	0,272	0,000	0,013	0,006	FALSE
0,063	0,305	0,001	0,008	0,041	FALSE
0,019	0,293	0,001	0,007	0,051	FALSE
0,073	0,282	0,004	0,012	0,144	FALSE
-0,125	0,286	-0,005	0,011	0,174	FALSE
0,131	0,280	0,003	0,010	0,109	FALSE
-0,014	0,289	0,002	0,010	0,055	FALSE
-0,042	0,297	-0,001	0,009	0,019	FALSE
-0,178	0,279	-0,008	0,014	0,264	FALSE
0,023	0,292	0,003	0,009	0,113	FALSE
0,133	0,281	0,006	0,013	0,210	FALSE
0,017	0,290	0,002	0,009	0,103	FALSE
-0,096	0,278	-0,003	0,014	0,095	FALSE
0,073	0,287	0,003	0,015	0,074	FALSE
-0,200	0,288	-0,007	0,014	0,211	FALSE
0,237	0,276	0,005	0,008	0,267	FALSE
0,074	0,287	0,002	0,013	0,059	FALSE
0,121	0,280	0,002	0,008	0,097	FALSE
0,070	0,294	0,001	0,007	0,074	FALSE
-0,037	0,290	0,000	0,007	0,006	FALSE
0,169	0,270	0,002	0,008	0,101	FALSE
-0,006	0,274	0,002	0,008	0,092	FALSE
0,078	0,279	0,009	0,014	0,265	FALSE
0,092	0,278	0,006	0,013	0,200	FALSE
-0,058	0,281	-0,002	0,010	0,078	FALSE
-0,066	0,279	-0,001	0,012	0,024	FALSE
0,008	0,286	-0,001	0,007	0,034	FALSE
0,065	0,299	0,004	0,012	0,113	FALSE
-0,042	0,289	0,000	0,010	0,011	FALSE
0,256	0,275	0,012	0,014	0,402	FALSE
0,114	0,287	0,004	0,009	0,183	FALSE
0,023	0,282	0,002	0,014	0,050	FALSE
0,224	0,288	0,005	0,008	0,272	FALSE
-0,193	0,282	-0,006	0,010	0,256	FALSE

0,148	0,280	0,004	0,008	0,184	FALSE
0,244	0,274	0,011	0,014	0,349	FALSE
0,236	0,278	0,006	0,009	0,285	FALSE
-0,007	0,288	-0,001	0,012	0,026	FALSE
-0,053	0,295	-0,002	0,011	0,063	FALSE
-0,040	0,296	0,000	0,007	0,013	FALSE
-0,014	0,301	0,000	0,010	0,002	FALSE
-0,078	0,285	-0,001	0,008	0,025	FALSE
0,062	0,280	0,002	0,014	0,061	FALSE
-0,013	0,288	0,000	0,008	0,015	FALSE
0,004	0,285	-0,001	0,011	0,019	FALSE
0,043	0,297	0,002	0,012	0,059	FALSE
-0,125	0,276	-0,003	0,010	0,134	FALSE
0,036	0,282	0,003	0,014	0,075	FALSE
-0,062	0,274	-0,002	0,007	0,093	FALSE
-0,123	0,284	-0,003	0,008	0,131	FALSE
0,013	0,305	0,000	0,014	0,012	FALSE
0,099	0,291	0,003	0,012	0,102	FALSE
-0,069	0,287	-0,002	0,008	0,082	FALSE
-0,121	0,283	-0,006	0,015	0,162	FALSE
-0,021	0,285	-0,001	0,014	0,035	FALSE
-0,013	0,298	-0,002	0,012	0,063	FALSE
0,007	0,297	-0,001	0,014	0,015	FALSE
-0,053	0,296	-0,002	0,013	0,049	FALSE
-0,058	0,296	-0,005	0,011	0,200	FALSE
-0,046	0,279	-0,005	0,014	0,152	FALSE
-0,190	0,289	-0,004	0,009	0,198	FALSE
-0,089	0,312	-0,003	0,012	0,105	FALSE
-0,022	0,290	0,000	0,013	0,011	FALSE
0,042	0,282	0,001	0,011	0,044	FALSE
0,151	0,280	0,004	0,014	0,110	FALSE
-0,063	0,289	-0,001	0,013	0,036	FALSE
0,027	0,313	0,001	0,016	0,016	FALSE
0,076	0,284	0,000	0,008	0,011	FALSE
0,028	0,293	0,002	0,012	0,060	FALSE
0,072	0,281	0,000	0,008	0,011	FALSE
0,051	0,281	0,000	0,007	0,022	FALSE
0,078	0,276	0,000	0,008	0,020	FALSE
-0,115	0,275	-0,003	0,008	0,130	FALSE
-0,078	0,281	-0,002	0,010	0,062	FALSE
0,227	0,287	0,006	0,009	0,318	FALSE
0,029	0,286	0,000	0,012	0,011	FALSE
0,052	0,294	0,001	0,012	0,039	FALSE
0,103	0,286	0,004	0,015	0,117	FALSE
-0,011	0,287	0,001	0,015	0,015	FALSE
-0,059	0,300	-0,003	0,010	0,105	FALSE
0,171	0,274	0,006	0,014	0,188	FALSE
-0,070	0,279	-0,002	0,008	0,083	FALSE
-0,037	0,283	0,000	0,010	0,012	FALSE
0,135	0,275	0,004	0,008	0,193	FALSE
0,025	0,295	0,002	0,010	0,065	FALSE
0,030	0,299	0,000	0,009	0,012	FALSE
-0,110	0,279	-0,004	0,011	0,127	FALSE

0,036	0,283	0,001	0,014	0,023	FALSE
-0,026	0,290	0,001	0,008	0,030	FALSE
-0,199	0,269	-0,005	0,010	0,231	FALSE
-0,071	0,294	-0,001	0,008	0,036	FALSE
0,157	0,287	0,005	0,011	0,172	FALSE
0,075	0,284	0,001	0,009	0,022	FALSE
0,123	0,295	0,002	0,008	0,097	FALSE
0,075	0,282	0,003	0,015	0,091	FALSE
0,088	0,291	0,006	0,015	0,170	FALSE
0,000	0,286	0,000	0,015	0,002	FALSE
0,046	0,283	0,003	0,014	0,066	FALSE
0,006	0,298	0,001	0,014	0,013	FALSE
0,152	0,284	0,004	0,009	0,187	FALSE
-0,090	0,272	-0,004	0,014	0,106	FALSE
-0,014	0,294	-0,001	0,012	0,027	FALSE
0,051	0,285	0,002	0,009	0,085	FALSE
-0,068	0,294	-0,003	0,012	0,093	FALSE
0,064	0,298	0,003	0,014	0,089	FALSE
0,060	0,287	0,001	0,009	0,057	FALSE
0,078	0,303	0,005	0,014	0,131	FALSE
0,110	0,280	0,004	0,014	0,110	FALSE
-0,104	0,277	-0,003	0,012	0,089	FALSE
-0,219	0,267	-0,008	0,014	0,271	FALSE
0,164	0,277	0,007	0,014	0,219	FALSE
0,138	0,288	0,004	0,013	0,123	FALSE
-0,165	0,290	-0,010	0,016	0,277	FALSE
0,150	0,275	0,004	0,012	0,144	FALSE
0,035	0,285	0,003	0,011	0,122	FALSE
-0,060	0,271	-0,002	0,011	0,065	FALSE
0,012	0,287	0,002	0,010	0,086	FALSE
-0,072	0,289	-0,001	0,011	0,028	FALSE
-0,049	0,288	-0,002	0,013	0,070	FALSE
-0,172	0,277	-0,006	0,015	0,150	FALSE
-0,100	0,278	-0,004	0,012	0,120	FALSE
0,022	0,284	0,001	0,008	0,063	FALSE
-0,048	0,281	-0,003	0,012	0,102	FALSE
-0,035	0,275	-0,003	0,012	0,089	FALSE
-0,073	0,283	0,000	0,008	0,002	FALSE
-0,071	0,277	0,001	0,008	0,030	FALSE
-0,034	0,292	-0,001	0,012	0,037	FALSE
0,016	0,285	0,000	0,011	0,004	FALSE
-0,022	0,297	0,000	0,008	0,012	FALSE
-0,009	0,308	0,000	0,009	0,008	FALSE
0,176	0,297	0,006	0,012	0,199	FALSE
0,060	0,292	0,001	0,009	0,060	FALSE
0,053	0,277	0,004	0,013	0,112	FALSE
-0,051	0,284	-0,003	0,014	0,092	FALSE
0,119	0,284	0,004	0,012	0,129	FALSE
-0,157	0,276	-0,003	0,010	0,095	FALSE
0,032	0,296	0,003	0,011	0,106	FALSE
0,071	0,292	0,003	0,009	0,146	FALSE
-0,001	0,286	0,000	0,010	0,000	FALSE
0,050	0,296	0,000	0,013	0,006	FALSE

0,121	0,282	0,003	0,010	0,108	FALSE
0,018	0,273	0,003	0,010	0,107	FALSE
-0,191	0,288	-0,006	0,012	0,194	FALSE
0,005	0,290	-0,003	0,014	0,088	FALSE
0,080	0,302	0,002	0,014	0,064	FALSE
0,149	0,285	0,007	0,015	0,195	FALSE
-0,108	0,284	-0,004	0,013	0,127	FALSE
0,010	0,277	-0,001	0,007	0,047	FALSE
0,123	0,294	0,007	0,013	0,251	FALSE
-0,112	0,306	-0,004	0,011	0,147	FALSE
0,069	0,287	0,003	0,008	0,135	FALSE
-0,020	0,286	0,000	0,013	0,010	FALSE
0,178	0,282	0,012	0,015	0,388	FALSE
-0,066	0,282	-0,004	0,010	0,158	FALSE
-0,069	0,284	-0,001	0,009	0,036	FALSE
-0,059	0,278	-0,003	0,010	0,098	FALSE
0,036	0,299	0,001	0,008	0,069	FALSE
0,050	0,285	0,002	0,015	0,055	FALSE
-0,051	0,288	0,000	0,011	0,015	FALSE
0,119	0,287	0,005	0,012	0,167	FALSE
0,009	0,290	0,000	0,009	0,014	FALSE
0,161	0,273	0,004	0,015	0,107	FALSE
-0,094	0,297	-0,003	0,014	0,083	FALSE
0,019	0,294	0,000	0,015	0,001	FALSE
0,004	0,282	-0,001	0,009	0,021	FALSE
-0,163	0,294	-0,007	0,010	0,285	FALSE
0,007	0,287	0,000	0,010	0,005	FALSE
-0,010	0,285	0,000	0,008	0,017	FALSE
-0,132	0,295	-0,005	0,015	0,117	FALSE
-0,121	0,286	-0,004	0,014	0,123	FALSE
0,116	0,270	0,007	0,014	0,194	FALSE
-0,072	0,295	-0,001	0,011	0,030	FALSE
0,094	0,280	0,004	0,012	0,109	FALSE
0,155	0,275	0,005	0,008	0,252	FALSE
-0,002	0,286	0,000	0,012	0,002	FALSE
0,086	0,285	0,003	0,014	0,089	FALSE
-0,062	0,284	-0,001	0,010	0,055	FALSE
0,048	0,296	0,000	0,009	0,019	FALSE
-0,034	0,284	0,000	0,009	0,014	FALSE
0,009	0,283	-0,001	0,008	0,041	FALSE
0,107	0,285	0,003	0,009	0,118	FALSE
-0,255	0,273	-0,007	0,011	0,305	FALSE
0,132	0,286	0,005	0,011	0,207	FALSE
-0,205	0,282	-0,004	0,007	0,272	FALSE
-0,258	0,269	-0,007	0,008	0,387	FALSE
0,138	0,291	0,005	0,010	0,219	FALSE
-0,026	0,296	-0,002	0,009	0,094	FALSE
-0,023	0,289	0,000	0,012	0,009	FALSE
-0,025	0,280	-0,003	0,012	0,081	FALSE
0,080	0,295	0,005	0,015	0,137	FALSE
0,020	0,290	0,001	0,012	0,044	FALSE
0,031	0,275	0,000	0,007	0,020	FALSE
-0,068	0,303	-0,003	0,015	0,077	FALSE

0,076	0,286	0,004	0,011	0,140	FALSE
0,020	0,296	-0,001	0,009	0,037	FALSE
0,062	0,290	0,002	0,009	0,100	FALSE
0,026	0,282	0,003	0,012	0,080	FALSE
0,020	0,279	0,002	0,012	0,065	FALSE
-0,002	0,287	0,001	0,012	0,024	FALSE
0,067	0,286	0,002	0,007	0,099	FALSE
0,030	0,288	0,002	0,013	0,052	FALSE
0,025	0,279	-0,002	0,015	0,059	FALSE
0,044	0,291	0,000	0,010	0,014	FALSE
-0,058	0,294	-0,003	0,013	0,080	FALSE
0,145	0,288	0,006	0,014	0,164	FALSE
-0,095	0,283	-0,003	0,012	0,096	FALSE
0,141	0,281	0,006	0,015	0,157	FALSE
0,083	0,299	0,002	0,010	0,068	FALSE
-0,003	0,283	-0,001	0,012	0,037	FALSE
-0,004	0,280	-0,001	0,013	0,041	FALSE
-0,066	0,293	-0,001	0,008	0,030	FALSE
-0,088	0,290	-0,001	0,008	0,055	FALSE
-0,012	0,287	0,000	0,008	0,013	FALSE
-0,017	0,297	0,001	0,010	0,038	FALSE
-0,034	0,293	-0,002	0,014	0,042	FALSE
0,003	0,304	-0,001	0,008	0,026	FALSE
0,021	0,289	-0,002	0,009	0,077	FALSE
-0,020	0,280	-0,001	0,009	0,060	FALSE
-0,093	0,280	-0,002	0,009	0,100	FALSE
0,026	0,284	0,000	0,007	0,014	FALSE
0,058	0,282	0,003	0,012	0,089	FALSE
-0,005	0,274	-0,003	0,011	0,094	FALSE
0,067	0,288	0,003	0,010	0,101	FALSE
0,050	0,287	0,002	0,009	0,070	FALSE
0,003	0,289	-0,001	0,008	0,037	FALSE
-0,069	0,269	-0,003	0,010	0,113	FALSE
0,214	0,281	0,005	0,008	0,260	FALSE
-0,087	0,299	-0,003	0,015	0,077	FALSE
-0,190	0,283	-0,006	0,012	0,203	FALSE
-0,058	0,293	-0,001	0,010	0,040	FALSE
-0,079	0,282	-0,004	0,015	0,091	FALSE
-0,037	0,294	0,000	0,012	0,005	FALSE
-0,085	0,286	-0,002	0,008	0,115	FALSE
-0,080	0,288	-0,003	0,014	0,092	FALSE
0,007	0,285	0,001	0,012	0,021	FALSE
0,171	0,270	0,002	0,007	0,086	FALSE
0,023	0,288	0,000	0,008	0,018	FALSE
-0,127	0,285	-0,005	0,010	0,196	FALSE
0,071	0,286	0,000	0,007	0,020	FALSE
0,046	0,299	0,000	0,010	0,012	FALSE
-0,082	0,287	-0,002	0,009	0,074	FALSE
0,202	0,269	0,008	0,014	0,256	FALSE
-0,174	0,286	-0,005	0,015	0,131	FALSE
0,174	0,283	0,005	0,010	0,223	FALSE
0,077	0,283	0,003	0,008	0,181	FALSE
-0,051	0,275	0,001	0,010	0,045	FALSE

0,103	0,287	0,003	0,012	0,093	FALSE
0,193	0,283	0,010	0,013	0,355	FALSE
0,057	0,274	0,006	0,014	0,169	FALSE
-0,125	0,285	-0,004	0,009	0,190	FALSE
0,208	0,273	0,003	0,008	0,150	FALSE
-0,042	0,297	-0,002	0,010	0,066	FALSE
-0,233	0,283	-0,006	0,007	0,352	FALSE
-0,038	0,271	0,000	0,010	0,012	FALSE
-0,033	0,290	-0,003	0,014	0,076	FALSE
0,044	0,283	0,000	0,008	0,003	FALSE
-0,044	0,281	0,000	0,010	0,005	FALSE
-0,054	0,281	-0,005	0,013	0,144	FALSE
-0,086	0,284	-0,001	0,007	0,031	FALSE
-0,195	0,267	-0,006	0,010	0,271	FALSE
-0,179	0,263	-0,006	0,014	0,166	FALSE
0,257	0,274	0,008	0,011	0,300	FALSE
-0,274	0,278	-0,012	0,015	0,377	FALSE
-0,144	0,285	-0,003	0,010	0,119	FALSE
0,110	0,292	0,005	0,011	0,174	FALSE
0,010	0,285	0,001	0,009	0,051	FALSE
0,162	0,277	0,009	0,014	0,272	FALSE
0,043	0,295	0,002	0,014	0,059	FALSE
-0,094	0,296	-0,001	0,007	0,075	FALSE
-0,104	0,286	-0,002	0,008	0,075	FALSE
0,103	0,293	0,003	0,013	0,087	FALSE
-0,013	0,288	-0,001	0,009	0,026	FALSE
0,065	0,291	0,003	0,014	0,078	FALSE
-0,174	0,293	-0,005	0,010	0,206	FALSE
0,062	0,274	0,001	0,009	0,058	FALSE
-0,006	0,286	0,001	0,010	0,031	FALSE
-0,128	0,295	-0,009	0,015	0,254	FALSE
0,090	0,280	0,002	0,014	0,052	FALSE
0,008	0,288	0,001	0,008	0,069	FALSE
0,016	0,287	-0,001	0,010	0,026	FALSE
-0,004	0,288	0,000	0,008	0,018	FALSE
0,142	0,276	0,002	0,007	0,123	FALSE
0,005	0,300	0,001	0,010	0,040	FALSE
0,049	0,278	0,000	0,012	0,013	FALSE
0,010	0,269	-0,001	0,012	0,030	FALSE
0,059	0,283	0,002	0,011	0,063	FALSE
0,087	0,280	0,000	0,008	0,022	FALSE
0,079	0,283	0,000	0,007	0,010	FALSE
0,005	0,286	0,000	0,010	0,004	FALSE
0,065	0,281	0,004	0,009	0,202	FALSE
0,162	0,288	0,004	0,011	0,142	FALSE
-0,002	0,277	0,002	0,014	0,061	FALSE
0,232	0,269	0,006	0,010	0,232	FALSE
-0,004	0,276	0,000	0,009	0,015	FALSE
0,229	0,271	0,011	0,013	0,370	FALSE
-0,010	0,291	-0,001	0,008	0,036	FALSE
-0,060	0,288	-0,001	0,009	0,037	FALSE
-0,169	0,275	-0,007	0,012	0,241	FALSE
0,141	0,289	0,004	0,009	0,174	FALSE

0,152	0,284	0,004	0,008	0,200	FALSE
-0,126	0,298	-0,007	0,013	0,224	FALSE
0,011	0,280	0,002	0,014	0,057	FALSE
0,056	0,284	0,003	0,014	0,087	FALSE
-0,048	0,285	-0,002	0,013	0,053	FALSE
-0,045	0,296	-0,002	0,014	0,039	FALSE
-0,161	0,273	-0,005	0,011	0,171	FALSE
-0,031	0,292	-0,004	0,014	0,103	FALSE
0,143	0,279	0,003	0,007	0,142	FALSE
-0,089	0,286	-0,005	0,012	0,189	FALSE
0,226	0,281	0,007	0,009	0,350	FALSE
-0,065	0,293	-0,003	0,012	0,105	FALSE
-0,047	0,287	-0,001	0,015	0,019	FALSE
-0,083	0,287	-0,005	0,014	0,130	FALSE
-0,094	0,290	-0,004	0,014	0,124	FALSE
0,107	0,276	0,005	0,013	0,166	FALSE
0,100	0,299	0,005	0,011	0,179	FALSE
-0,015	0,272	-0,004	0,013	0,119	FALSE
0,018	0,294	0,000	0,011	0,016	FALSE
-0,005	0,274	0,000	0,007	0,006	FALSE
0,016	0,287	0,001	0,010	0,040	FALSE
0,024	0,303	0,002	0,010	0,093	FALSE
0,086	0,305	0,003	0,015	0,085	FALSE
0,019	0,292	0,000	0,008	0,017	FALSE
-0,090	0,290	-0,002	0,009	0,070	FALSE
-0,077	0,282	-0,006	0,015	0,149	FALSE
-0,103	0,288	-0,003	0,010	0,123	FALSE
0,025	0,289	0,001	0,012	0,022	FALSE
0,097	0,286	0,002	0,013	0,045	FALSE
0,112	0,302	0,002	0,013	0,065	FALSE
0,073	0,280	0,003	0,010	0,107	FALSE
-0,028	0,284	-0,001	0,008	0,053	FALSE
-0,061	0,299	-0,003	0,015	0,076	FALSE
0,079	0,285	0,001	0,008	0,057	FALSE
-0,043	0,271	-0,001	0,008	0,055	FALSE
-0,043	0,287	-0,001	0,013	0,029	FALSE
-0,056	0,283	-0,001	0,013	0,035	FALSE
-0,035	0,289	-0,001	0,013	0,022	FALSE
0,057	0,297	0,003	0,014	0,081	FALSE
-0,116	0,296	-0,004	0,009	0,165	FALSE
0,138	0,286	0,004	0,015	0,087	FALSE
0,047	0,295	0,002	0,010	0,065	FALSE
0,084	0,272	0,004	0,013	0,122	FALSE
-0,054	0,282	-0,002	0,013	0,043	FALSE
0,056	0,303	0,002	0,009	0,095	FALSE
0,079	0,291	0,002	0,011	0,079	FALSE
0,107	0,290	0,003	0,010	0,125	FALSE
-0,177	0,274	-0,006	0,014	0,176	FALSE
-0,191	0,291	-0,006	0,012	0,191	FALSE
0,082	0,286	-0,001	0,012	0,018	FALSE
0,077	0,289	0,004	0,010	0,175	FALSE
0,076	0,284	0,007	0,015	0,213	FALSE
-0,010	0,277	-0,001	0,009	0,031	FALSE

0,052	0,277	0,001	0,011	0,040	FALSE
-0,034	0,292	-0,001	0,008	0,058	FALSE
-0,185	0,279	-0,004	0,007	0,240	FALSE
0,117	0,286	0,003	0,010	0,122	FALSE
-0,033	0,296	0,001	0,008	0,028	FALSE
-0,017	0,285	-0,003	0,012	0,089	FALSE
0,050	0,297	0,002	0,015	0,042	FALSE
0,000	0,283	0,001	0,009	0,033	FALSE
0,187	0,290	0,004	0,007	0,244	FALSE
-0,117	0,281	-0,001	0,010	0,053	FALSE
0,068	0,290	0,000	0,014	0,004	FALSE
-0,038	0,291	-0,001	0,012	0,038	FALSE
-0,128	0,290	-0,004	0,012	0,113	FALSE
-0,038	0,287	-0,002	0,008	0,096	FALSE
-0,019	0,297	0,001	0,011	0,026	FALSE
-0,218	0,260	-0,006	0,009	0,271	FALSE
-0,230	0,278	-0,008	0,013	0,259	FALSE
0,039	0,290	0,001	0,009	0,030	FALSE
-0,179	0,282	-0,004	0,009	0,174	FALSE
0,062	0,287	0,002	0,011	0,068	FALSE
0,000	0,288	0,001	0,007	0,033	FALSE
0,048	0,291	0,001	0,011	0,042	FALSE
-0,083	0,291	-0,002	0,010	0,078	FALSE
-0,087	0,303	-0,004	0,015	0,089	FALSE
0,164	0,288	0,006	0,012	0,189	FALSE
0,085	0,278	0,000	0,008	0,022	FALSE
-0,021	0,270	-0,001	0,008	0,022	FALSE
0,098	0,293	0,002	0,008	0,110	FALSE
0,084	0,299	0,003	0,014	0,079	FALSE
0,009	0,294	0,001	0,015	0,022	FALSE
0,068	0,270	0,003	0,010	0,125	FALSE
0,010	0,284	-0,001	0,013	0,035	FALSE
-0,066	0,285	-0,002	0,008	0,092	FALSE
0,055	0,286	0,002	0,011	0,065	FALSE
-0,031	0,281	0,000	0,010	0,003	FALSE
0,000	0,293	0,000	0,013	0,001	FALSE
0,159	0,276	0,004	0,010	0,161	FALSE
-0,043	0,294	-0,001	0,015	0,035	FALSE
-0,114	0,274	-0,005	0,012	0,186	FALSE
0,089	0,291	0,003	0,009	0,139	FALSE
0,087	0,295	0,002	0,009	0,089	FALSE
0,085	0,296	0,002	0,009	0,066	FALSE
0,063	0,287	0,001	0,008	0,035	FALSE
-0,136	0,293	-0,003	0,008	0,133	FALSE
0,148	0,279	0,006	0,010	0,227	FALSE
0,168	0,287	0,006	0,014	0,166	FALSE
0,150	0,278	0,005	0,014	0,138	FALSE
-0,010	0,296	0,001	0,012	0,027	FALSE
-0,022	0,274	-0,001	0,007	0,077	FALSE
0,071	0,281	0,000	0,014	0,010	FALSE
-0,019	0,276	-0,004	0,014	0,121	FALSE
-0,045	0,286	-0,001	0,007	0,043	FALSE
-0,047	0,287	0,000	0,008	0,011	FALSE

0,183	0,278	0,007	0,011	0,284	FALSE
0,109	0,298	0,004	0,014	0,117	FALSE
0,007	0,293	-0,001	0,008	0,054	FALSE
-0,045	0,276	-0,002	0,014	0,047	FALSE
-0,021	0,286	-0,001	0,012	0,019	FALSE
-0,080	0,297	-0,005	0,013	0,161	FALSE
0,026	0,293	-0,001	0,009	0,022	FALSE
-0,130	0,282	-0,007	0,013	0,232	FALSE
-0,080	0,291	-0,004	0,014	0,103	FALSE
-0,046	0,277	-0,002	0,007	0,082	FALSE
-0,006	0,291	0,000	0,011	0,005	FALSE
0,038	0,280	0,001	0,010	0,028	FALSE
-0,041	0,295	-0,001	0,009	0,057	FALSE
-0,024	0,293	-0,001	0,010	0,048	FALSE
-0,006	0,284	0,001	0,012	0,020	FALSE
0,036	0,279	0,001	0,010	0,054	FALSE
-0,122	0,280	-0,002	0,008	0,099	FALSE
0,204	0,279	0,005	0,008	0,306	FALSE
-0,032	0,264	-0,002	0,010	0,095	FALSE
-0,011	0,281	-0,003	0,014	0,088	FALSE
-0,026	0,291	-0,001	0,009	0,045	FALSE
-0,048	0,291	-0,002	0,009	0,088	FALSE
0,130	0,296	0,005	0,011	0,185	FALSE
-0,068	0,281	-0,002	0,009	0,090	FALSE
0,027	0,276	0,002	0,013	0,071	FALSE
-0,013	0,276	0,000	0,007	0,009	FALSE
-0,029	0,269	0,000	0,007	0,011	FALSE
0,052	0,290	0,002	0,015	0,041	FALSE
-0,103	0,279	-0,002	0,008	0,096	FALSE
-0,043	0,297	-0,003	0,013	0,083	FALSE
-0,001	0,291	0,001	0,008	0,030	FALSE
0,095	0,302	0,002	0,009	0,095	FALSE
-0,009	0,287	0,000	0,012	0,003	FALSE
0,006	0,287	0,000	0,013	0,001	FALSE
-0,053	0,287	0,000	0,009	0,007	FALSE
0,139	0,302	0,007	0,015	0,214	FALSE
0,110	0,283	0,003	0,012	0,107	FALSE
0,172	0,267	0,004	0,012	0,137	FALSE
0,099	0,289	0,004	0,009	0,166	FALSE
0,112	0,286	0,007	0,013	0,211	FALSE
-0,005	0,272	0,000	0,009	0,018	FALSE
0,002	0,291	0,002	0,014	0,050	FALSE
-0,079	0,292	-0,002	0,015	0,051	FALSE
-0,056	0,287	-0,003	0,014	0,072	FALSE
0,022	0,305	0,002	0,011	0,056	FALSE
0,106	0,298	0,004	0,008	0,214	FALSE
0,049	0,288	0,003	0,014	0,080	FALSE
0,071	0,283	0,001	0,009	0,046	FALSE
-0,180	0,281	-0,008	0,012	0,290	FALSE
0,048	0,285	0,000	0,012	0,008	FALSE
-0,064	0,284	-0,001	0,007	0,041	FALSE
0,066	0,284	0,002	0,008	0,108	FALSE
-0,193	0,276	-0,005	0,009	0,231	FALSE

-0,021	0,280	-0,001	0,007	0,027	FALSE
-0,003	0,286	0,000	0,007	0,006	FALSE
0,037	0,296	0,001	0,009	0,020	FALSE
-0,099	0,270	-0,002	0,011	0,057	FALSE
-0,181	0,277	-0,005	0,009	0,256	FALSE
-0,038	0,277	0,001	0,009	0,051	FALSE
0,002	0,288	-0,003	0,014	0,071	FALSE
0,129	0,280	0,005	0,014	0,135	FALSE
-0,108	0,288	-0,003	0,010	0,131	FALSE
-0,050	0,288	0,000	0,008	0,018	FALSE
-0,111	0,302	-0,002	0,008	0,094	FALSE
0,165	0,276	0,009	0,014	0,264	FALSE
0,055	0,282	0,001	0,009	0,058	FALSE
0,057	0,285	0,002	0,014	0,064	FALSE
0,080	0,282	0,004	0,010	0,146	FALSE
-0,138	0,279	-0,006	0,012	0,220	FALSE
0,152	0,288	0,004	0,010	0,177	FALSE
0,035	0,271	0,001	0,009	0,050	FALSE
0,000	0,281	-0,001	0,010	0,025	FALSE
0,044	0,288	0,004	0,012	0,121	FALSE
-0,069	0,286	-0,001	0,009	0,056	FALSE
-0,096	0,291	-0,002	0,009	0,081	FALSE
0,088	0,295	0,001	0,013	0,030	FALSE
-0,009	0,288	0,000	0,015	0,005	FALSE
0,198	0,275	0,005	0,009	0,239	FALSE
0,031	0,295	0,000	0,014	0,011	FALSE
-0,008	0,284	-0,001	0,007	0,046	FALSE
0,147	0,292	0,006	0,012	0,188	FALSE
0,062	0,272	0,002	0,009	0,079	FALSE
-0,027	0,291	0,001	0,013	0,027	FALSE
-0,006	0,297	-0,001	0,010	0,030	FALSE
0,082	0,295	0,003	0,008	0,133	FALSE
0,161	0,278	0,007	0,011	0,264	FALSE
0,097	0,281	0,002	0,008	0,094	FALSE
0,131	0,285	0,002	0,008	0,105	FALSE
0,053	0,277	0,000	0,013	0,011	FALSE
0,140	0,297	0,002	0,008	0,106	FALSE
-0,015	0,263	0,001	0,012	0,035	FALSE
0,013	0,290	0,002	0,014	0,047	FALSE
0,011	0,302	0,002	0,014	0,044	FALSE
0,026	0,288	0,002	0,014	0,055	FALSE
0,004	0,278	0,002	0,013	0,044	FALSE
0,101	0,294	0,004	0,012	0,151	FALSE
-0,077	0,288	-0,002	0,011	0,066	FALSE
0,113	0,286	0,003	0,008	0,191	FALSE
-0,090	0,289	-0,004	0,011	0,151	FALSE
-0,002	0,290	-0,001	0,013	0,038	FALSE
-0,141	0,283	-0,005	0,009	0,234	FALSE
0,099	0,283	0,001	0,011	0,036	FALSE
-0,053	0,290	-0,001	0,008	0,035	FALSE
0,058	0,280	0,002	0,007	0,124	FALSE
-0,085	0,289	-0,003	0,013	0,085	FALSE
-0,123	0,283	-0,002	0,007	0,132	FALSE

-0,006	0,284	-0,001	0,008	0,027	FALSE
-0,111	0,289	-0,002	0,007	0,098	FALSE
0,008	0,293	0,000	0,009	0,008	FALSE
-0,034	0,288	-0,001	0,015	0,022	FALSE
-0,057	0,291	-0,001	0,015	0,035	FALSE
-0,086	0,290	-0,005	0,014	0,144	FALSE
0,086	0,296	0,003	0,012	0,106	FALSE
0,129	0,282	0,003	0,011	0,121	FALSE
0,126	0,300	0,004	0,012	0,139	FALSE
-0,005	0,284	0,000	0,015	0,001	FALSE
0,001	0,293	0,001	0,013	0,020	FALSE
-0,101	0,290	-0,002	0,009	0,104	FALSE
0,047	0,294	0,001	0,008	0,039	FALSE
-0,031	0,289	-0,002	0,013	0,058	FALSE
0,021	0,286	0,000	0,010	0,017	FALSE
-0,099	0,278	-0,002	0,014	0,063	FALSE
0,072	0,285	0,001	0,007	0,062	FALSE
-0,068	0,292	-0,001	0,014	0,032	FALSE
0,059	0,288	0,003	0,014	0,065	FALSE
-0,010	0,272	-0,002	0,012	0,050	FALSE
-0,004	0,273	-0,002	0,013	0,059	FALSE
-0,052	0,289	-0,001	0,010	0,027	FALSE
-0,008	0,299	0,000	0,008	0,021	FALSE
-0,010	0,285	0,000	0,008	0,001	FALSE
-0,062	0,283	-0,002	0,013	0,052	FALSE
0,101	0,288	0,002	0,008	0,129	FALSE
0,008	0,289	0,001	0,014	0,031	FALSE
0,058	0,294	0,002	0,013	0,047	FALSE
-0,006	0,281	-0,001	0,008	0,034	FALSE
-0,028	0,289	-0,002	0,008	0,070	FALSE
0,039	0,310	0,001	0,013	0,030	FALSE
-0,020	0,301	0,000	0,012	0,010	FALSE
-0,022	0,292	0,001	0,007	0,038	FALSE
-0,047	0,259	0,000	0,014	0,010	FALSE
-0,107	0,277	-0,004	0,008	0,224	FALSE
0,085	0,278	0,001	0,007	0,037	FALSE
0,071	0,284	0,002	0,012	0,073	FALSE
0,023	0,283	-0,002	0,014	0,058	FALSE
0,039	0,285	0,000	0,014	0,006	FALSE
-0,026	0,289	-0,001	0,008	0,044	FALSE
0,060	0,297	-0,001	0,015	0,012	FALSE
-0,126	0,279	-0,004	0,011	0,136	FALSE
0,126	0,288	0,005	0,010	0,185	FALSE
-0,090	0,287	-0,005	0,012	0,158	FALSE
0,018	0,283	0,001	0,007	0,026	FALSE
0,086	0,284	0,003	0,015	0,080	FALSE
0,025	0,264	0,000	0,009	0,019	FALSE
0,134	0,288	0,004	0,011	0,156	FALSE
0,088	0,296	0,002	0,011	0,070	FALSE
0,039	0,286	0,002	0,010	0,076	FALSE
0,074	0,283	0,001	0,008	0,046	FALSE
0,008	0,294	0,000	0,014	0,004	FALSE
0,008	0,276	0,000	0,012	0,008	FALSE

-0,098	0,292	-0,005	0,015	0,129	FALSE
-0,003	0,300	0,000	0,014	0,010	FALSE
-0,072	0,282	-0,003	0,013	0,095	FALSE
-0,039	0,277	-0,002	0,007	0,124	FALSE
0,089	0,296	0,004	0,015	0,109	FALSE
0,063	0,295	0,003	0,015	0,078	FALSE
0,017	0,289	0,000	0,010	0,009	FALSE
0,026	0,280	0,001	0,015	0,028	FALSE
-0,020	0,292	-0,002	0,015	0,042	FALSE
-0,058	0,288	-0,003	0,013	0,087	FALSE
-0,005	0,297	-0,001	0,008	0,040	FALSE
-0,099	0,286	-0,004	0,013	0,114	FALSE
0,014	0,279	0,001	0,011	0,034	FALSE
0,020	0,299	0,001	0,010	0,035	FALSE
-0,025	0,286	-0,001	0,007	0,029	FALSE
-0,026	0,284	-0,001	0,009	0,062	FALSE
0,043	0,281	0,002	0,007	0,100	FALSE
-0,021	0,296	0,000	0,008	0,020	FALSE
-0,041	0,282	0,000	0,015	0,010	FALSE
-0,070	0,279	0,000	0,013	0,004	FALSE
-0,077	0,285	-0,004	0,013	0,119	FALSE
0,192	0,276	0,007	0,011	0,293	FALSE
0,007	0,291	-0,001	0,013	0,016	FALSE
0,017	0,306	0,001	0,008	0,055	FALSE
0,192	0,281	0,003	0,008	0,145	FALSE
0,055	0,277	0,002	0,011	0,068	FALSE
0,084	0,301	0,004	0,008	0,196	FALSE
0,101	0,285	0,001	0,007	0,072	FALSE
-0,045	0,291	-0,003	0,014	0,069	FALSE
-0,073	0,281	-0,001	0,011	0,040	FALSE
0,033	0,290	0,000	0,008	0,003	FALSE
-0,135	0,279	-0,007	0,013	0,212	FALSE
0,141	0,284	0,003	0,009	0,115	FALSE
-0,199	0,279	-0,009	0,014	0,278	FALSE
-0,188	0,274	-0,008	0,014	0,264	FALSE
-0,126	0,279	-0,004	0,007	0,194	FALSE
-0,024	0,296	0,001	0,009	0,022	FALSE
-0,207	0,277	-0,006	0,010	0,276	FALSE
0,115	0,288	0,003	0,009	0,143	FALSE
0,066	0,311	0,003	0,014	0,086	FALSE
0,012	0,290	0,002	0,009	0,079	FALSE
-0,096	0,291	-0,001	0,009	0,057	FALSE
0,058	0,293	0,003	0,008	0,132	FALSE
0,083	0,292	0,001	0,008	0,061	FALSE
-0,079	0,288	-0,003	0,008	0,170	FALSE
0,047	0,276	0,002	0,009	0,097	FALSE
0,019	0,297	0,001	0,013	0,015	FALSE
0,038	0,290	0,000	0,008	0,003	FALSE
0,042	0,292	0,001	0,008	0,062	FALSE
0,117	0,294	0,004	0,011	0,145	FALSE
-0,118	0,278	-0,005	0,013	0,137	FALSE
0,072	0,296	0,001	0,009	0,052	FALSE
-0,114	0,293	-0,004	0,013	0,121	FALSE

-0,006	0,285	0,000	0,010	0,002	FALSE
0,163	0,286	0,004	0,010	0,174	FALSE
-0,114	0,292	-0,003	0,011	0,118	FALSE
-0,103	0,293	-0,004	0,013	0,105	FALSE
0,115	0,299	0,006	0,014	0,174	FALSE
-0,090	0,299	-0,001	0,010	0,051	FALSE
-0,123	0,288	-0,004	0,011	0,167	FALSE
-0,118	0,278	-0,003	0,010	0,122	FALSE
-0,138	0,284	-0,009	0,014	0,288	FALSE
-0,149	0,291	-0,006	0,013	0,209	FALSE
-0,166	0,284	-0,007	0,014	0,231	FALSE
0,094	0,287	0,006	0,014	0,168	FALSE
-0,154	0,278	-0,007	0,014	0,213	FALSE
-0,230	0,261	-0,011	0,015	0,342	FALSE
-0,025	0,299	-0,004	0,015	0,100	FALSE
-0,145	0,275	-0,003	0,009	0,144	FALSE
-0,037	0,277	-0,001	0,008	0,042	FALSE
-0,026	0,294	-0,001	0,009	0,054	FALSE
0,049	0,296	0,000	0,010	0,005	FALSE
0,116	0,291	0,003	0,011	0,103	FALSE
0,034	0,292	0,002	0,015	0,060	FALSE
0,130	0,279	0,003	0,008	0,144	FALSE
-0,083	0,281	-0,003	0,013	0,085	FALSE
-0,036	0,285	-0,002	0,011	0,050	FALSE
-0,011	0,275	0,001	0,007	0,051	FALSE
0,041	0,298	0,004	0,010	0,146	FALSE
0,241	0,266	0,004	0,007	0,222	FALSE
-0,011	0,286	-0,003	0,013	0,078	FALSE
0,057	0,284	0,000	0,014	0,003	FALSE
-0,062	0,288	-0,001	0,008	0,034	FALSE
-0,182	0,275	-0,008	0,013	0,273	FALSE
-0,160	0,273	-0,007	0,013	0,228	FALSE
-0,062	0,293	-0,004	0,014	0,110	FALSE
-0,047	0,286	-0,005	0,014	0,129	FALSE
0,172	0,279	0,008	0,013	0,263	FALSE
-0,033	0,294	-0,002	0,009	0,095	FALSE
-0,250	0,270	-0,008	0,009	0,428	FALSE
0,008	0,294	0,001	0,010	0,032	FALSE
-0,052	0,282	-0,002	0,013	0,066	FALSE
-0,018	0,281	0,000	0,008	0,007	FALSE
0,143	0,277	0,009	0,013	0,300	FALSE
0,034	0,265	0,001	0,011	0,020	FALSE
-0,138	0,288	-0,002	0,008	0,110	FALSE
-0,038	0,287	0,000	0,008	0,017	FALSE
-0,009	0,299	-0,001	0,013	0,018	FALSE
0,025	0,284	0,001	0,007	0,031	FALSE
0,184	0,275	0,005	0,009	0,228	FALSE
0,109	0,294	0,005	0,014	0,148	FALSE
-0,025	0,290	-0,001	0,013	0,026	FALSE
-0,029	0,279	0,000	0,015	0,005	FALSE
-0,101	0,273	-0,003	0,010	0,131	FALSE
-0,052	0,285	-0,002	0,008	0,093	FALSE
-0,083	0,279	-0,002	0,010	0,080	FALSE

0,123	0,284	0,003	0,009	0,165	FALSE
-0,071	0,277	-0,002	0,008	0,077	FALSE
-0,016	0,297	0,000	0,010	0,015	FALSE
-0,044	0,289	-0,001	0,014	0,021	FALSE
0,038	0,298	0,001	0,008	0,062	FALSE
0,114	0,265	0,002	0,011	0,053	FALSE
0,136	0,275	0,002	0,007	0,128	FALSE
-0,056	0,286	-0,002	0,009	0,069	FALSE
-0,053	0,284	-0,003	0,012	0,101	FALSE
-0,132	0,284	-0,002	0,015	0,050	FALSE
-0,119	0,289	-0,002	0,015	0,054	FALSE
-0,034	0,290	0,001	0,012	0,025	FALSE
0,049	0,283	0,000	0,008	0,007	FALSE
0,100	0,279	0,002	0,009	0,073	FALSE
-0,070	0,288	-0,004	0,012	0,123	FALSE
-0,060	0,296	-0,002	0,012	0,064	FALSE
-0,190	0,274	-0,004	0,008	0,204	FALSE
-0,061	0,305	-0,001	0,011	0,027	FALSE
-0,057	0,290	-0,001	0,008	0,051	FALSE
0,035	0,283	0,003	0,012	0,104	FALSE
-0,089	0,278	-0,002	0,007	0,109	FALSE
-0,070	0,280	-0,001	0,008	0,058	FALSE
-0,052	0,285	-0,001	0,009	0,051	FALSE
0,096	0,292	0,003	0,008	0,184	FALSE
0,111	0,286	0,002	0,008	0,098	FALSE
0,026	0,282	0,000	0,015	0,007	FALSE
-0,015	0,289	-0,001	0,011	0,045	FALSE
-0,115	0,288	-0,002	0,009	0,102	FALSE
0,228	0,271	0,006	0,010	0,248	FALSE
0,107	0,289	0,003	0,011	0,086	FALSE
0,003	0,293	0,001	0,007	0,039	FALSE
0,024	0,290	0,002	0,009	0,069	FALSE
-0,061	0,271	-0,001	0,012	0,026	FALSE
0,044	0,293	0,004	0,014	0,099	FALSE
0,059	0,276	0,003	0,010	0,118	FALSE
0,089	0,285	0,001	0,007	0,038	FALSE
0,124	0,274	0,006	0,013	0,190	FALSE
-0,035	0,285	-0,001	0,015	0,023	FALSE
0,004	0,283	0,000	0,008	0,007	FALSE
0,001	0,295	-0,001	0,010	0,025	FALSE
0,060	0,296	0,003	0,008	0,145	FALSE
0,003	0,269	0,002	0,010	0,075	FALSE
-0,029	0,288	0,001	0,010	0,020	FALSE
0,086	0,275	-0,001	0,009	0,021	FALSE
-0,215	0,271	-0,006	0,010	0,277	FALSE
-0,088	0,281	-0,001	0,010	0,049	FALSE
-0,089	0,303	-0,004	0,012	0,135	FALSE
0,135	0,292	0,005	0,015	0,118	FALSE
0,203	0,280	0,007	0,014	0,205	FALSE
-0,020	0,288	-0,004	0,014	0,095	FALSE
0,010	0,273	0,000	0,013	0,004	FALSE
0,090	0,296	0,002	0,010	0,062	FALSE
0,028	0,301	0,001	0,008	0,030	FALSE

0,035	0,266	0,003	0,014	0,078	FALSE
-0,169	0,290	-0,006	0,012	0,214	FALSE
-0,051	0,275	-0,001	0,007	0,072	FALSE
0,089	0,282	0,003	0,011	0,119	FALSE
0,028	0,273	0,001	0,012	0,021	FALSE
0,016	0,299	0,000	0,009	0,003	FALSE
-0,037	0,292	-0,002	0,010	0,088	FALSE
0,053	0,293	0,003	0,010	0,114	FALSE
-0,238	0,260	-0,009	0,013	0,320	FALSE
0,043	0,259	0,003	0,011	0,108	FALSE
-0,045	0,287	-0,002	0,007	0,110	FALSE
0,000	0,290	0,000	0,013	0,009	FALSE
-0,096	0,274	-0,001	0,010	0,048	FALSE
0,034	0,294	-0,001	0,009	0,037	FALSE
0,116	0,282	0,004	0,012	0,132	FALSE
-0,114	0,292	-0,006	0,014	0,179	FALSE
-0,221	0,278	-0,006	0,010	0,261	FALSE
0,099	0,264	0,005	0,011	0,198	FALSE
0,099	0,275	0,005	0,012	0,192	FALSE
-0,092	0,290	-0,002	0,012	0,064	FALSE
0,105	0,293	0,004	0,015	0,096	FALSE
-0,033	0,298	-0,002	0,011	0,075	FALSE
0,061	0,291	0,002	0,014	0,062	FALSE
0,048	0,293	0,001	0,014	0,019	FALSE
-0,043	0,289	-0,002	0,013	0,070	FALSE
-0,067	0,288	-0,003	0,013	0,093	FALSE
-0,086	0,285	-0,001	0,007	0,077	FALSE
-0,151	0,289	-0,008	0,015	0,246	FALSE
-0,126	0,276	-0,007	0,012	0,264	FALSE
-0,034	0,275	-0,001	0,008	0,035	FALSE
0,127	0,277	0,005	0,011	0,188	FALSE
-0,011	0,291	0,001	0,013	0,022	FALSE
0,030	0,281	0,005	0,013	0,145	FALSE
0,008	0,290	0,000	0,013	0,001	FALSE
0,008	0,295	0,000	0,009	0,019	FALSE
-0,059	0,296	-0,002	0,012	0,049	FALSE
-0,138	0,290	-0,005	0,015	0,139	FALSE
-0,066	0,296	-0,004	0,015	0,096	FALSE
0,011	0,298	0,000	0,013	0,004	FALSE
-0,154	0,269	-0,009	0,014	0,260	FALSE
-0,128	0,269	-0,003	0,009	0,150	FALSE
-0,182	0,281	-0,005	0,009	0,250	FALSE
-0,074	0,277	-0,002	0,012	0,066	FALSE
-0,077	0,301	-0,002	0,011	0,076	FALSE
0,083	0,290	0,002	0,008	0,084	FALSE
-0,201	0,276	-0,009	0,014	0,279	FALSE
0,225	0,286	0,006	0,011	0,234	FALSE
-0,277	0,259	-0,012	0,013	0,456	FALSE
-0,185	0,271	-0,010	0,014	0,313	FALSE
0,089	0,281	0,003	0,013	0,082	FALSE
0,157	0,261	0,004	0,014	0,106	FALSE
-0,056	0,284	-0,002	0,013	0,069	FALSE
-0,046	0,278	-0,001	0,009	0,025	FALSE

0,190	0,274	0,005	0,011	0,200	FALSE
-0,001	0,292	0,000	0,008	0,020	FALSE
0,186	0,270	0,005	0,010	0,195	FALSE
-0,185	0,275	-0,004	0,008	0,241	FALSE
0,064	0,272	0,002	0,007	0,098	FALSE
-0,066	0,279	-0,003	0,007	0,172	FALSE
-0,098	0,284	-0,004	0,014	0,111	FALSE
-0,116	0,293	-0,005	0,015	0,128	FALSE
0,118	0,275	0,003	0,008	0,177	FALSE
0,018	0,263	0,002	0,014	0,064	FALSE
0,030	0,272	0,000	0,007	0,013	FALSE
0,039	0,287	0,001	0,008	0,041	FALSE
0,042	0,289	0,001	0,008	0,036	FALSE
-0,020	0,280	-0,001	0,008	0,049	FALSE
-0,011	0,290	0,000	0,008	0,009	FALSE
-0,005	0,302	0,000	0,009	0,010	FALSE
0,116	0,262	0,006	0,014	0,166	FALSE
-0,142	0,282	-0,003	0,012	0,096	FALSE
-0,100	0,276	-0,005	0,013	0,166	FALSE
-0,139	0,295	-0,006	0,012	0,193	FALSE
-0,176	0,281	-0,007	0,013	0,210	FALSE
-0,057	0,278	0,001	0,013	0,029	FALSE
0,100	0,297	0,004	0,013	0,133	FALSE
0,024	0,287	0,003	0,014	0,072	FALSE
0,014	0,292	0,001	0,009	0,023	FALSE
0,057	0,277	0,002	0,013	0,050	FALSE
0,086	0,274	0,003	0,013	0,100	FALSE
-0,110	0,287	-0,003	0,010	0,102	FALSE
-0,128	0,282	-0,005	0,009	0,207	FALSE
0,066	0,293	0,002	0,008	0,103	FALSE
0,003	0,291	0,001	0,012	0,029	FALSE
0,007	0,284	0,002	0,012	0,045	FALSE
0,024	0,299	0,001	0,011	0,040	FALSE
-0,095	0,285	-0,003	0,010	0,092	FALSE
-0,013	0,291	-0,001	0,010	0,046	FALSE
0,049	0,280	0,000	0,009	0,008	FALSE
0,139	0,272	0,002	0,008	0,094	FALSE
-0,112	0,286	-0,003	0,008	0,138	FALSE
-0,212	0,266	-0,011	0,014	0,344	FALSE
0,072	0,300	0,003	0,012	0,084	FALSE
-0,002	0,294	-0,001	0,013	0,021	FALSE
-0,097	0,282	-0,002	0,011	0,081	FALSE
0,047	0,288	0,001	0,008	0,039	FALSE
0,081	0,291	0,003	0,012	0,082	FALSE
0,135	0,286	0,005	0,014	0,144	FALSE
-0,026	0,289	0,000	0,007	0,010	FALSE
-0,107	0,289	-0,004	0,015	0,112	FALSE
-0,101	0,277	-0,004	0,010	0,179	FALSE
-0,010	0,282	0,000	0,014	0,005	FALSE
-0,079	0,297	-0,003	0,015	0,063	FALSE
0,011	0,290	-0,001	0,011	0,044	FALSE
-0,117	0,281	-0,002	0,015	0,053	FALSE
-0,066	0,287	0,001	0,013	0,027	FALSE

-0,124	0,272	-0,004	0,008	0,184	FALSE
-0,021	0,292	-0,001	0,009	0,058	FALSE
0,006	0,290	0,000	0,007	0,012	FALSE
-0,012	0,296	0,000	0,008	0,014	FALSE
0,113	0,288	0,001	0,015	0,027	FALSE
-0,100	0,279	-0,005	0,014	0,142	FALSE
0,076	0,265	0,003	0,014	0,092	FALSE
-0,195	0,289	-0,010	0,015	0,302	FALSE
-0,074	0,279	-0,001	0,007	0,032	FALSE
0,112	0,283	0,002	0,008	0,100	FALSE
0,084	0,287	0,000	0,014	0,004	FALSE
-0,025	0,294	-0,001	0,015	0,012	FALSE
-0,011	0,279	-0,001	0,011	0,037	FALSE
-0,112	0,276	-0,005	0,014	0,141	FALSE
0,038	0,287	0,002	0,008	0,079	FALSE
-0,069	0,294	-0,001	0,007	0,061	FALSE
-0,020	0,292	-0,001	0,012	0,015	FALSE
-0,021	0,291	0,000	0,007	0,004	FALSE
-0,080	0,294	-0,003	0,012	0,110	FALSE
-0,008	0,292	0,002	0,014	0,058	FALSE
0,038	0,282	0,003	0,014	0,086	FALSE
0,013	0,288	0,000	0,008	0,008	FALSE
-0,113	0,282	-0,003	0,009	0,129	FALSE
-0,043	0,293	-0,001	0,008	0,046	FALSE
-0,142	0,281	-0,006	0,012	0,184	FALSE
0,038	0,278	0,001	0,009	0,037	FALSE
0,081	0,271	0,002	0,008	0,070	FALSE
0,194	0,280	0,005	0,009	0,215	FALSE
0,122	0,287	0,005	0,012	0,152	FALSE
-0,064	0,273	-0,001	0,014	0,029	FALSE
0,208	0,278	0,005	0,013	0,155	FALSE
-0,058	0,279	-0,002	0,008	0,080	FALSE
0,044	0,300	0,004	0,014	0,128	FALSE
0,107	0,290	0,004	0,014	0,112	FALSE
0,078	0,285	0,002	0,008	0,097	FALSE
0,120	0,279	0,002	0,009	0,072	FALSE
0,108	0,280	0,001	0,009	0,049	FALSE
-0,185	0,293	-0,004	0,007	0,252	FALSE
-0,136	0,275	-0,003	0,007	0,173	FALSE
-0,116	0,288	-0,006	0,014	0,159	FALSE
-0,132	0,291	-0,003	0,009	0,161	FALSE
0,126	0,295	0,003	0,008	0,136	FALSE
0,017	0,281	0,001	0,008	0,040	FALSE
0,160	0,294	0,005	0,009	0,245	FALSE
-0,055	0,269	-0,004	0,011	0,125	FALSE
-0,049	0,268	-0,003	0,011	0,106	FALSE
0,090	0,276	0,003	0,015	0,083	FALSE
-0,035	0,265	-0,001	0,009	0,050	FALSE
-0,066	0,271	-0,002	0,014	0,046	FALSE
-0,037	0,282	-0,002	0,010	0,060	FALSE
0,064	0,306	0,002	0,013	0,055	FALSE
0,001	0,283	-0,001	0,008	0,048	FALSE
0,156	0,278	0,007	0,012	0,259	FALSE

-0,125	0,279	-0,007	0,013	0,238	FALSE
0,259	0,279	0,012	0,014	0,419	FALSE
0,250	0,288	0,012	0,015	0,371	FALSE
-0,122	0,277	-0,003	0,014	0,080	FALSE
-0,151	0,271	-0,005	0,014	0,138	FALSE
0,070	0,291	0,002	0,015	0,038	FALSE
0,065	0,288	0,000	0,008	0,004	FALSE
-0,034	0,290	-0,001	0,014	0,026	FALSE
-0,082	0,275	-0,003	0,011	0,106	FALSE
-0,058	0,298	-0,003	0,014	0,091	FALSE
-0,039	0,279	0,000	0,014	0,011	FALSE
0,096	0,282	0,002	0,013	0,063	FALSE
-0,095	0,274	-0,001	0,008	0,067	FALSE
-0,011	0,293	0,000	0,010	0,002	FALSE
-0,042	0,284	0,000	0,010	0,010	FALSE
0,127	0,276	0,003	0,009	0,113	FALSE
-0,244	0,279	-0,007	0,008	0,414	FALSE
-0,248	0,279	-0,008	0,008	0,429	FALSE
0,059	0,278	0,004	0,014	0,109	FALSE
0,032	0,276	0,003	0,013	0,077	FALSE
0,183	0,291	0,006	0,011	0,240	FALSE
0,107	0,289	0,005	0,014	0,144	FALSE
0,072	0,293	0,003	0,009	0,117	FALSE
0,066	0,292	0,002	0,009	0,093	FALSE
-0,226	0,274	-0,007	0,009	0,358	FALSE
0,055	0,308	0,004	0,016	0,087	FALSE
0,019	0,292	0,000	0,010	0,017	FALSE
-0,090	0,274	-0,002	0,010	0,086	FALSE
-0,010	0,282	0,000	0,012	0,003	FALSE
0,012	0,274	0,000	0,014	0,005	FALSE
0,122	0,285	0,005	0,013	0,170	FALSE
0,030	0,287	-0,001	0,008	0,048	FALSE
-0,033	0,304	-0,001	0,008	0,051	FALSE
0,121	0,301	0,002	0,009	0,089	FALSE
0,008	0,289	-0,001	0,008	0,038	FALSE
-0,089	0,289	-0,004	0,007	0,198	FALSE
-0,062	0,293	-0,003	0,007	0,163	FALSE
-0,050	0,285	-0,002	0,007	0,116	FALSE
0,054	0,290	0,002	0,009	0,104	FALSE
0,072	0,276	0,003	0,009	0,126	FALSE
0,018	0,283	0,000	0,008	0,014	FALSE
0,042	0,301	0,003	0,015	0,075	FALSE
-0,058	0,287	-0,001	0,007	0,038	FALSE
-0,141	0,273	-0,005	0,009	0,204	FALSE
-0,019	0,278	-0,002	0,014	0,042	FALSE
0,059	0,273	0,001	0,009	0,058	FALSE
0,114	0,281	0,002	0,008	0,096	FALSE
0,005	0,298	0,001	0,007	0,061	FALSE
-0,227	0,283	-0,006	0,008	0,304	FALSE
0,082	0,283	0,003	0,009	0,112	FALSE
0,123	0,282	0,002	0,008	0,087	FALSE
0,176	0,272	0,002	0,009	0,113	FALSE
0,080	0,287	0,003	0,014	0,090	FALSE

0,133	0,280	0,004	0,011	0,137	FALSE
-0,130	0,281	-0,004	0,010	0,151	FALSE
-0,036	0,266	0,002	0,008	0,079	FALSE
0,137	0,285	0,002	0,008	0,103	FALSE
0,034	0,277	0,000	0,010	0,015	FALSE
-0,040	0,297	-0,001	0,011	0,027	FALSE
-0,094	0,282	-0,002	0,015	0,059	FALSE
-0,102	0,275	-0,003	0,014	0,087	FALSE
0,048	0,280	0,003	0,014	0,087	FALSE
-0,058	0,284	-0,002	0,008	0,100	FALSE
-0,072	0,286	0,000	0,008	0,005	FALSE
-0,106	0,288	-0,002	0,014	0,042	FALSE
0,102	0,283	0,003	0,011	0,095	FALSE
-0,188	0,270	-0,009	0,013	0,308	FALSE
0,002	0,290	0,001	0,015	0,021	FALSE
-0,052	0,278	0,000	0,015	0,002	FALSE
-0,111	0,277	-0,003	0,011	0,110	FALSE
0,071	0,282	0,004	0,013	0,112	FALSE
0,061	0,298	0,003	0,014	0,082	FALSE
-0,022	0,296	-0,001	0,011	0,029	FALSE
-0,119	0,287	-0,004	0,011	0,134	FALSE
-0,043	0,289	0,000	0,012	0,007	FALSE
0,012	0,292	0,003	0,011	0,126	FALSE
-0,023	0,290	-0,001	0,010	0,023	FALSE
0,052	0,303	-0,001	0,015	0,021	FALSE
0,116	0,289	0,006	0,012	0,219	FALSE
0,024	0,290	-0,001	0,013	0,015	FALSE
0,075	0,296	0,002	0,012	0,074	FALSE
-0,026	0,287	0,000	0,008	0,004	FALSE
-0,057	0,290	-0,003	0,010	0,112	FALSE
0,058	0,273	0,002	0,012	0,049	FALSE
0,000	0,287	0,000	0,010	0,007	FALSE
-0,059	0,282	-0,002	0,008	0,106	FALSE
-0,020	0,281	0,001	0,008	0,033	FALSE
-0,077	0,287	0,000	0,009	0,003	FALSE
-0,078	0,281	0,000	0,007	0,010	FALSE
-0,100	0,284	-0,001	0,013	0,038	FALSE
-0,071	0,289	-0,002	0,012	0,065	FALSE
-0,035	0,289	-0,001	0,008	0,035	FALSE
-0,140	0,285	-0,003	0,008	0,130	FALSE
0,035	0,299	0,000	0,015	0,003	FALSE
0,147	0,283	0,005	0,012	0,189	FALSE
0,121	0,276	0,004	0,013	0,127	FALSE
0,154	0,275	0,006	0,013	0,175	FALSE
-0,036	0,292	0,000	0,010	0,001	FALSE
0,018	0,290	0,000	0,009	0,009	FALSE
0,036	0,288	0,002	0,012	0,058	FALSE
0,092	0,287	0,003	0,011	0,101	FALSE
0,130	0,293	0,005	0,011	0,203	FALSE
0,061	0,277	0,001	0,008	0,037	FALSE
-0,045	0,286	-0,003	0,015	0,082	FALSE
-0,026	0,278	-0,003	0,015	0,066	FALSE
0,038	0,283	0,000	0,014	0,008	FALSE

-0,084	0,289	-0,001	0,010	0,057	FALSE
-0,063	0,288	-0,002	0,010	0,095	FALSE
0,018	0,288	0,000	0,012	0,014	FALSE
-0,194	0,289	-0,007	0,011	0,291	FALSE
0,015	0,286	0,001	0,011	0,021	FALSE
0,019	0,299	0,001	0,010	0,032	FALSE
0,100	0,284	0,003	0,015	0,080	FALSE
-0,199	0,274	-0,007	0,011	0,277	FALSE
0,045	0,291	0,002	0,015	0,051	FALSE
0,042	0,280	0,002	0,014	0,048	FALSE
-0,040	0,288	-0,002	0,014	0,039	FALSE
-0,026	0,293	-0,001	0,015	0,030	FALSE
-0,068	0,277	-0,003	0,011	0,108	FALSE
0,101	0,280	0,002	0,008	0,129	FALSE
0,011	0,297	0,000	0,013	0,012	FALSE
0,037	0,286	0,002	0,013	0,068	FALSE
-0,007	0,285	-0,001	0,009	0,044	FALSE
-0,025	0,282	-0,003	0,008	0,145	FALSE
0,068	0,293	0,003	0,008	0,160	FALSE
-0,031	0,288	-0,001	0,010	0,024	FALSE
0,178	0,283	0,005	0,015	0,118	FALSE
-0,011	0,298	-0,001	0,008	0,056	FALSE
-0,123	0,282	-0,003	0,008	0,146	FALSE
-0,079	0,292	-0,005	0,015	0,130	FALSE
-0,195	0,281	-0,008	0,014	0,256	FALSE
-0,068	0,266	-0,002	0,014	0,050	FALSE
-0,075	0,276	-0,002	0,007	0,081	FALSE
0,104	0,289	0,004	0,011	0,153	FALSE
-0,176	0,274	-0,005	0,009	0,216	FALSE
-0,036	0,294	-0,003	0,012	0,081	FALSE
0,168	0,292	0,004	0,010	0,174	FALSE
-0,019	0,299	0,000	0,011	0,007	FALSE
-0,033	0,286	-0,001	0,011	0,045	FALSE
0,196	0,284	0,008	0,015	0,229	FALSE
0,082	0,285	0,001	0,011	0,041	FALSE
0,040	0,282	-0,001	0,008	0,048	FALSE
0,075	0,284	0,000	0,009	0,013	FALSE
0,055	0,296	0,000	0,009	0,014	FALSE
0,018	0,294	0,001	0,014	0,021	FALSE
0,019	0,278	0,000	0,014	0,009	FALSE
0,102	0,284	0,003	0,008	0,161	FALSE
0,061	0,287	0,002	0,014	0,059	FALSE
0,030	0,283	0,002	0,013	0,049	FALSE
0,077	0,278	0,002	0,009	0,083	FALSE
0,028	0,276	0,000	0,013	0,010	FALSE
0,033	0,290	0,003	0,014	0,078	FALSE
0,063	0,287	0,000	0,008	0,008	FALSE
0,049	0,285	0,001	0,014	0,024	FALSE
-0,118	0,295	-0,002	0,009	0,081	FALSE
-0,156	0,283	-0,004	0,007	0,219	FALSE
-0,134	0,279	-0,003	0,012	0,102	FALSE
-0,158	0,272	-0,005	0,012	0,148	FALSE
-0,155	0,269	-0,004	0,013	0,127	FALSE

-0,119	0,271	-0,004	0,015	0,106	FALSE
-0,083	0,288	-0,002	0,014	0,041	FALSE
0,044	0,281	0,002	0,012	0,061	FALSE
0,037	0,294	0,001	0,008	0,059	FALSE
0,003	0,288	0,002	0,014	0,051	FALSE
-0,188	0,272	-0,004	0,007	0,217	FALSE
-0,193	0,281	-0,004	0,008	0,211	FALSE
-0,155	0,272	-0,003	0,007	0,162	FALSE
-0,197	0,269	-0,004	0,008	0,224	FALSE
0,070	0,270	0,001	0,010	0,040	FALSE
0,135	0,280	0,004	0,014	0,125	FALSE
0,010	0,288	0,000	0,011	0,011	FALSE
-0,065	0,292	-0,001	0,007	0,052	FALSE
0,032	0,276	-0,002	0,014	0,042	FALSE
-0,096	0,297	-0,004	0,009	0,183	FALSE
0,060	0,289	0,001	0,012	0,021	FALSE
-0,112	0,285	-0,004	0,009	0,184	FALSE
0,036	0,279	-0,001	0,010	0,034	FALSE
0,051	0,269	-0,001	0,008	0,021	FALSE
0,111	0,281	0,004	0,012	0,120	FALSE
0,038	0,291	0,002	0,012	0,049	FALSE
-0,246	0,269	-0,007	0,010	0,313	FALSE
0,095	0,284	0,004	0,014	0,117	FALSE
0,019	0,286	0,001	0,011	0,035	FALSE
0,101	0,290	0,005	0,013	0,155	FALSE
0,046	0,298	0,002	0,008	0,079	FALSE
-0,052	0,299	-0,003	0,014	0,069	FALSE
0,007	0,295	0,002	0,015	0,049	FALSE
0,014	0,279	0,001	0,012	0,022	FALSE
-0,020	0,286	0,001	0,014	0,034	FALSE
0,000	0,285	0,002	0,014	0,049	FALSE
0,015	0,289	0,003	0,014	0,065	FALSE
-0,018	0,279	0,001	0,015	0,024	FALSE
-0,023	0,285	0,001	0,014	0,016	FALSE
-0,013	0,294	0,002	0,014	0,042	FALSE
-0,028	0,287	0,000	0,014	0,005	FALSE
-0,140	0,289	-0,004	0,009	0,194	FALSE
-0,157	0,287	-0,004	0,009	0,214	FALSE
-0,022	0,264	0,000	0,007	0,020	FALSE
-0,005	0,273	0,000	0,011	0,002	FALSE
-0,051	0,284	-0,001	0,014	0,039	FALSE
0,038	0,286	0,000	0,008	0,004	FALSE
0,034	0,285	0,000	0,007	0,016	FALSE
0,134	0,290	0,003	0,007	0,150	FALSE
-0,012	0,283	-0,003	0,011	0,098	FALSE
0,004	0,279	0,000	0,007	0,020	FALSE
0,036	0,278	0,001	0,008	0,063	FALSE
0,025	0,276	0,003	0,014	0,079	FALSE
-0,119	0,281	-0,008	0,015	0,214	FALSE
-0,084	0,281	-0,005	0,014	0,161	FALSE
-0,063	0,286	-0,003	0,011	0,090	FALSE
0,218	0,290	0,008	0,010	0,346	FALSE
-0,151	0,282	-0,004	0,008	0,193	FALSE

-0,090	0,282	-0,002	0,011	0,081	FALSE
-0,076	0,311	-0,002	0,016	0,038	FALSE
0,041	0,292	0,001	0,008	0,044	FALSE
-0,210	0,287	-0,006	0,009	0,264	FALSE
0,043	0,299	0,003	0,012	0,091	FALSE
0,086	0,290	0,002	0,008	0,088	FALSE
-0,175	0,293	-0,004	0,009	0,189	FALSE
0,090	0,297	0,002	0,008	0,105	FALSE
-0,026	0,292	-0,001	0,010	0,031	FALSE
0,051	0,305	0,001	0,011	0,047	FALSE
0,042	0,298	0,002	0,011	0,054	FALSE
0,067	0,299	0,001	0,007	0,066	FALSE
-0,020	0,294	-0,001	0,012	0,033	FALSE
0,038	0,295	0,001	0,010	0,042	FALSE
-0,167	0,279	-0,004	0,011	0,162	FALSE
-0,117	0,274	-0,002	0,007	0,103	FALSE
-0,096	0,292	-0,001	0,007	0,073	FALSE
-0,068	0,274	-0,001	0,007	0,033	FALSE
-0,001	0,276	-0,002	0,010	0,076	FALSE
0,047	0,283	-0,001	0,008	0,024	FALSE
-0,026	0,288	-0,001	0,009	0,046	FALSE
0,034	0,289	0,003	0,012	0,085	FALSE
0,106	0,293	0,005	0,014	0,128	FALSE
0,087	0,287	0,003	0,013	0,077	FALSE
0,159	0,292	0,007	0,012	0,229	FALSE
-0,041	0,287	-0,003	0,015	0,069	FALSE
-0,052	0,286	0,000	0,014	0,001	FALSE
-0,034	0,281	0,000	0,013	0,005	FALSE
0,071	0,287	0,002	0,010	0,074	FALSE
0,025	0,284	0,001	0,008	0,064	FALSE
-0,008	0,279	0,001	0,014	0,018	FALSE
0,007	0,283	0,000	0,007	0,023	FALSE
0,001	0,297	0,001	0,008	0,049	FALSE
0,054	0,297	0,003	0,015	0,070	FALSE
-0,049	0,282	-0,003	0,014	0,093	FALSE
0,024	0,289	0,002	0,014	0,043	FALSE
0,051	0,285	0,002	0,012	0,064	FALSE
0,123	0,299	0,006	0,014	0,166	FALSE
0,105	0,293	0,004	0,013	0,135	FALSE
-0,115	0,295	-0,004	0,011	0,142	FALSE
0,124	0,273	0,003	0,014	0,089	FALSE
0,031	0,289	0,004	0,014	0,109	FALSE
-0,009	0,284	0,001	0,009	0,052	FALSE
0,108	0,279	0,002	0,009	0,092	FALSE
0,062	0,292	0,002	0,009	0,093	FALSE
0,011	0,289	0,000	0,013	0,010	FALSE
0,017	0,303	0,001	0,013	0,020	FALSE
0,024	0,301	0,000	0,014	0,003	FALSE
-0,061	0,295	0,000	0,011	0,005	FALSE
-0,069	0,272	0,000	0,010	0,013	FALSE
-0,090	0,280	-0,001	0,011	0,030	FALSE
-0,243	0,281	-0,009	0,010	0,402	FALSE
-0,166	0,286	-0,005	0,010	0,218	FALSE

0,109	0,270	0,000	0,014	0,000	FALSE
0,005	0,280	-0,003	0,010	0,114	FALSE
-0,085	0,290	-0,001	0,014	0,030	FALSE
-0,111	0,269	-0,004	0,013	0,117	FALSE
0,110	0,278	0,001	0,012	0,034	FALSE
0,170	0,277	0,003	0,009	0,113	FALSE
0,013	0,283	0,001	0,007	0,040	FALSE
0,182	0,277	0,004	0,010	0,152	FALSE
-0,145	0,274	-0,007	0,013	0,219	FALSE
-0,018	0,294	-0,001	0,015	0,022	FALSE
0,005	0,301	0,001	0,008	0,043	FALSE
0,112	0,295	0,004	0,011	0,149	FALSE
-0,122	0,281	-0,006	0,010	0,276	FALSE
-0,038	0,301	0,000	0,010	0,014	FALSE
0,068	0,286	0,004	0,008	0,181	FALSE
0,051	0,288	0,003	0,013	0,090	FALSE
-0,021	0,278	-0,002	0,009	0,063	FALSE
-0,153	0,278	-0,006	0,012	0,232	FALSE
-0,014	0,281	0,000	0,007	0,024	FALSE
0,026	0,277	0,003	0,010	0,097	FALSE
0,039	0,289	0,001	0,011	0,035	FALSE
-0,137	0,274	-0,004	0,010	0,151	FALSE
-0,043	0,287	-0,001	0,008	0,024	FALSE
0,107	0,289	0,005	0,015	0,139	FALSE
0,001	0,287	0,003	0,013	0,087	FALSE
-0,138	0,279	-0,004	0,007	0,202	FALSE
-0,012	0,292	0,000	0,011	0,009	FALSE
0,126	0,281	0,001	0,007	0,077	FALSE
0,015	0,267	-0,001	0,008	0,033	FALSE
-0,097	0,286	-0,005	0,013	0,168	FALSE
-0,182	0,286	-0,004	0,007	0,253	FALSE
-0,062	0,287	-0,002	0,007	0,081	FALSE
-0,116	0,293	-0,003	0,009	0,118	FALSE
0,027	0,282	-0,002	0,014	0,046	FALSE
-0,066	0,284	-0,002	0,011	0,049	FALSE
-0,057	0,292	-0,003	0,013	0,077	FALSE
-0,079	0,284	-0,003	0,012	0,098	FALSE
0,172	0,284	0,004	0,008	0,215	FALSE
-0,105	0,289	-0,004	0,014	0,108	FALSE
-0,199	0,273	-0,006	0,009	0,315	FALSE
-0,034	0,296	-0,001	0,010	0,050	FALSE
0,157	0,278	0,002	0,008	0,102	FALSE
-0,090	0,292	-0,002	0,009	0,099	FALSE
0,093	0,297	0,002	0,009	0,087	FALSE
0,058	0,286	0,000	0,009	0,003	FALSE
0,044	0,296	0,000	0,010	0,001	FALSE
0,046	0,293	0,002	0,014	0,053	FALSE
0,035	0,288	-0,001	0,010	0,041	FALSE
-0,085	0,297	-0,004	0,014	0,117	FALSE
-0,192	0,288	-0,006	0,010	0,230	FALSE
0,057	0,292	0,002	0,009	0,076	FALSE
0,086	0,298	0,004	0,013	0,130	FALSE
0,023	0,277	0,003	0,014	0,095	FALSE

0,116	0,291	0,004	0,015	0,121	FALSE
-0,102	0,272	-0,002	0,007	0,095	FALSE
0,186	0,286	0,008	0,014	0,253	FALSE
-0,008	0,294	0,001	0,008	0,060	FALSE
0,150	0,282	0,004	0,009	0,181	FALSE
0,010	0,272	0,000	0,011	0,001	FALSE
0,020	0,290	0,001	0,011	0,029	FALSE
-0,080	0,288	-0,002	0,009	0,097	FALSE
-0,020	0,290	-0,001	0,009	0,035	FALSE
0,019	0,295	0,001	0,011	0,030	FALSE
0,027	0,307	0,001	0,014	0,036	FALSE
-0,060	0,286	-0,001	0,007	0,071	FALSE
-0,032	0,298	-0,002	0,011	0,082	FALSE
-0,161	0,282	-0,005	0,009	0,260	FALSE
-0,008	0,287	0,000	0,012	0,003	FALSE
0,033	0,290	0,000	0,009	0,014	FALSE
-0,003	0,285	-0,001	0,014	0,017	FALSE
0,086	0,282	0,003	0,008	0,124	FALSE
0,008	0,285	0,001	0,015	0,021	FALSE
0,095	0,283	0,002	0,008	0,108	FALSE
0,092	0,295	0,002	0,009	0,106	FALSE
-0,007	0,273	-0,001	0,008	0,065	FALSE
0,003	0,279	-0,001	0,007	0,036	FALSE
0,039	0,289	0,002	0,012	0,073	FALSE
-0,132	0,279	-0,007	0,015	0,209	FALSE
0,044	0,293	0,003	0,013	0,103	FALSE
0,035	0,284	0,003	0,013	0,085	FALSE
-0,029	0,291	0,000	0,014	0,010	FALSE
0,020	0,289	-0,002	0,010	0,079	FALSE
-0,012	0,295	0,001	0,008	0,026	FALSE
0,025	0,296	0,003	0,013	0,082	FALSE
0,044	0,287	0,004	0,012	0,114	FALSE
0,054	0,297	0,000	0,009	0,011	FALSE
0,017	0,296	-0,001	0,013	0,038	FALSE
-0,085	0,285	-0,003	0,015	0,075	FALSE
0,084	0,285	0,001	0,015	0,013	FALSE
0,082	0,283	0,000	0,015	0,008	FALSE
0,096	0,274	0,002	0,015	0,039	FALSE
-0,034	0,283	0,000	0,014	0,010	FALSE
-0,040	0,286	0,000	0,008	0,004	FALSE
0,058	0,282	-0,001	0,013	0,042	FALSE
-0,189	0,293	-0,005	0,009	0,209	FALSE
-0,240	0,273	-0,005	0,008	0,297	FALSE
-0,055	0,286	-0,003	0,010	0,108	FALSE
0,013	0,286	0,000	0,011	0,014	FALSE
0,129	0,278	0,005	0,012	0,180	FALSE
0,235	0,290	0,006	0,009	0,313	FALSE
0,076	0,284	0,004	0,015	0,107	FALSE
-0,060	0,291	-0,001	0,009	0,032	FALSE
0,212	0,279	0,009	0,011	0,373	FALSE
-0,063	0,285	-0,002	0,008	0,097	FALSE
-0,003	0,274	0,001	0,009	0,019	FALSE
0,218	0,266	0,008	0,010	0,328	FALSE

0,142	0,278	0,005	0,012	0,172	FALSE
0,142	0,298	0,008	0,016	0,227	FALSE
-0,007	0,287	0,000	0,008	0,001	FALSE
-0,091	0,286	-0,002	0,013	0,043	FALSE
0,045	0,289	0,003	0,013	0,095	FALSE
-0,109	0,308	-0,008	0,016	0,210	FALSE
0,127	0,288	0,005	0,014	0,153	FALSE
0,111	0,276	0,002	0,010	0,086	FALSE
0,143	0,291	0,004	0,010	0,140	FALSE
0,074	0,304	0,003	0,012	0,084	FALSE
-0,069	0,290	-0,003	0,007	0,200	FALSE
-0,040	0,287	0,000	0,009	0,001	FALSE
-0,025	0,282	-0,001	0,007	0,063	FALSE
-0,022	0,276	-0,001	0,007	0,062	FALSE
-0,005	0,293	-0,001	0,014	0,015	FALSE
0,023	0,281	0,001	0,013	0,023	FALSE
0,062	0,288	0,002	0,012	0,060	FALSE
0,006	0,291	0,000	0,014	0,003	FALSE
0,014	0,296	0,001	0,015	0,015	FALSE
-0,047	0,288	-0,001	0,008	0,061	FALSE
0,047	0,279	0,000	0,011	0,005	FALSE
0,100	0,288	0,003	0,009	0,159	FALSE
0,096	0,285	0,001	0,010	0,032	FALSE
0,072	0,287	0,005	0,014	0,138	FALSE
0,044	0,287	-0,001	0,015	0,029	FALSE
0,099	0,298	0,002	0,008	0,101	FALSE
0,012	0,279	0,000	0,007	0,006	FALSE
0,100	0,297	0,002	0,011	0,082	FALSE
0,060	0,283	0,001	0,014	0,026	FALSE
-0,003	0,285	-0,002	0,013	0,048	FALSE
-0,155	0,284	-0,004	0,009	0,184	FALSE
-0,213	0,278	-0,006	0,009	0,279	FALSE
0,038	0,290	0,001	0,014	0,019	FALSE
-0,065	0,284	0,000	0,007	0,014	FALSE
0,026	0,291	0,001	0,008	0,064	FALSE
0,163	0,286	0,004	0,008	0,227	FALSE
0,124	0,296	0,006	0,015	0,170	FALSE
0,022	0,295	0,002	0,008	0,074	FALSE
-0,042	0,287	0,000	0,012	0,008	FALSE
0,039	0,275	0,000	0,008	0,010	FALSE
0,023	0,290	0,000	0,013	0,009	FALSE
0,033	0,283	0,005	0,014	0,126	FALSE
0,073	0,297	0,002	0,009	0,070	FALSE
-0,066	0,288	-0,006	0,014	0,160	FALSE
0,150	0,275	0,003	0,012	0,081	FALSE
0,030	0,302	-0,001	0,014	0,026	FALSE
-0,163	0,284	-0,005	0,015	0,143	FALSE
-0,143	0,280	-0,005	0,015	0,127	FALSE
-0,153	0,283	-0,005	0,015	0,135	FALSE
-0,136	0,270	-0,004	0,014	0,111	FALSE
-0,149	0,280	-0,005	0,015	0,128	FALSE
-0,041	0,299	-0,001	0,008	0,043	FALSE
0,109	0,272	0,000	0,010	0,004	FALSE

0,084	0,274	0,003	0,008	0,134	FALSE
-0,074	0,274	0,000	0,009	0,013	FALSE
0,176	0,283	0,005	0,009	0,263	FALSE
0,007	0,291	0,000	0,011	0,008	FALSE
-0,014	0,293	0,003	0,015	0,066	FALSE
0,049	0,300	0,001	0,010	0,029	FALSE
0,068	0,297	0,002	0,011	0,053	FALSE
0,058	0,292	0,005	0,015	0,137	FALSE
-0,009	0,300	0,003	0,014	0,077	FALSE
-0,012	0,284	-0,004	0,013	0,106	FALSE
0,022	0,288	0,001	0,014	0,028	FALSE
0,017	0,298	0,001	0,014	0,026	FALSE
0,014	0,296	0,001	0,014	0,017	FALSE
0,029	0,288	0,002	0,015	0,041	FALSE
-0,048	0,286	0,000	0,009	0,015	FALSE
-0,047	0,277	-0,001	0,012	0,026	FALSE
-0,044	0,290	-0,002	0,012	0,062	FALSE
-0,056	0,291	-0,001	0,007	0,041	FALSE
0,099	0,295	0,002	0,016	0,056	FALSE
-0,131	0,275	-0,004	0,009	0,172	FALSE
-0,147	0,274	-0,005	0,010	0,205	FALSE
-0,113	0,281	-0,006	0,015	0,159	FALSE
-0,013	0,280	-0,001	0,013	0,020	FALSE
0,080	0,297	0,002	0,014	0,064	FALSE
-0,139	0,275	-0,009	0,014	0,293	FALSE
-0,071	0,315	-0,001	0,016	0,016	FALSE
-0,085	0,281	-0,001	0,014	0,034	FALSE
-0,098	0,294	-0,002	0,010	0,080	FALSE
0,068	0,293	0,003	0,010	0,125	FALSE
-0,028	0,276	-0,001	0,008	0,066	FALSE
0,133	0,292	0,003	0,009	0,159	FALSE
-0,116	0,289	-0,005	0,014	0,133	FALSE
0,164	0,295	0,003	0,008	0,181	FALSE
-0,028	0,282	-0,001	0,008	0,050	FALSE
-0,180	0,264	-0,006	0,013	0,199	FALSE
-0,014	0,280	0,001	0,012	0,015	FALSE
-0,027	0,271	-0,001	0,008	0,045	FALSE
-0,039	0,282	-0,001	0,011	0,045	FALSE
-0,046	0,271	-0,002	0,008	0,087	FALSE
0,017	0,282	0,004	0,012	0,131	FALSE
0,013	0,273	0,002	0,012	0,074	FALSE
-0,180	0,281	-0,005	0,009	0,239	FALSE
-0,102	0,267	-0,004	0,010	0,148	FALSE
-0,103	0,288	-0,004	0,015	0,115	FALSE
-0,125	0,280	-0,005	0,013	0,142	FALSE
-0,048	0,293	-0,001	0,009	0,029	FALSE
0,018	0,286	0,000	0,008	0,000	FALSE
-0,076	0,286	-0,004	0,014	0,118	FALSE
-0,179	0,276	-0,005	0,012	0,162	FALSE
-0,181	0,275	-0,007	0,011	0,260	FALSE
-0,050	0,284	-0,004	0,013	0,114	FALSE
0,100	0,286	0,003	0,011	0,089	FALSE
-0,033	0,288	0,000	0,013	0,001	FALSE

-0,199	0,289	-0,009	0,014	0,279	FALSE
-0,077	0,283	-0,003	0,012	0,096	FALSE
0,247	0,267	0,008	0,013	0,264	FALSE
-0,111	0,285	-0,002	0,011	0,084	FALSE
0,070	0,291	0,000	0,010	0,016	FALSE
-0,063	0,282	-0,002	0,011	0,078	FALSE
-0,053	0,290	-0,003	0,013	0,080	FALSE
-0,087	0,279	-0,004	0,012	0,120	FALSE
-0,140	0,294	-0,008	0,013	0,243	FALSE
0,053	0,294	0,002	0,009	0,083	FALSE
-0,190	0,277	-0,007	0,012	0,244	FALSE
0,030	0,267	0,000	0,011	0,006	FALSE
0,130	0,278	0,002	0,009	0,082	FALSE
0,147	0,289	0,004	0,010	0,155	FALSE
0,085	0,286	0,000	0,007	0,014	FALSE
-0,008	0,282	0,000	0,010	0,008	FALSE
-0,009	0,295	0,000	0,011	0,004	FALSE
-0,023	0,290	0,000	0,010	0,009	FALSE
-0,066	0,277	-0,003	0,014	0,095	FALSE
0,079	0,290	0,005	0,014	0,144	FALSE
0,110	0,285	0,001	0,008	0,049	FALSE
0,082	0,287	0,002	0,011	0,054	FALSE
-0,013	0,287	-0,001	0,009	0,029	FALSE
-0,024	0,282	-0,001	0,008	0,027	FALSE
-0,012	0,276	-0,001	0,013	0,034	FALSE
0,117	0,286	0,003	0,009	0,119	FALSE
-0,020	0,284	0,000	0,010	0,012	FALSE
0,017	0,277	0,000	0,012	0,006	FALSE
0,104	0,288	0,001	0,008	0,057	FALSE
0,070	0,280	0,004	0,012	0,130	FALSE
0,075	0,288	0,004	0,008	0,180	FALSE
-0,098	0,305	-0,001	0,007	0,041	FALSE
0,021	0,289	-0,001	0,011	0,016	FALSE
0,069	0,275	0,001	0,008	0,054	FALSE
-0,197	0,280	-0,007	0,009	0,320	FALSE
0,085	0,290	0,005	0,015	0,137	FALSE
0,031	0,281	0,000	0,009	0,002	FALSE
-0,023	0,298	-0,002	0,012	0,074	FALSE
-0,024	0,294	-0,001	0,010	0,021	FALSE
-0,159	0,274	-0,007	0,013	0,228	FALSE
-0,034	0,295	-0,002	0,015	0,038	FALSE
0,049	0,295	0,002	0,012	0,051	FALSE
0,038	0,276	0,002	0,013	0,044	FALSE
0,004	0,272	0,000	0,013	0,009	FALSE
0,001	0,289	0,000	0,014	0,001	FALSE
-0,057	0,276	-0,002	0,014	0,049	FALSE
0,017	0,286	0,001	0,014	0,029	FALSE
0,100	0,290	0,005	0,015	0,125	FALSE
-0,255	0,270	-0,006	0,008	0,357	FALSE
0,071	0,279	0,003	0,012	0,103	FALSE
0,117	0,278	0,005	0,011	0,188	FALSE
0,093	0,300	0,004	0,012	0,130	FALSE
0,081	0,276	0,004	0,012	0,128	FALSE

0,100	0,287	0,005	0,012	0,157	FALSE
-0,056	0,275	-0,001	0,009	0,037	FALSE
-0,096	0,277	-0,005	0,014	0,140	FALSE
0,122	0,280	0,006	0,010	0,245	FALSE
0,121	0,269	0,006	0,014	0,174	FALSE
-0,032	0,285	0,000	0,013	0,006	FALSE
0,180	0,284	0,007	0,014	0,214	FALSE
-0,141	0,289	-0,005	0,014	0,143	FALSE
-0,129	0,281	-0,003	0,009	0,145	FALSE
-0,109	0,276	-0,005	0,009	0,198	FALSE
-0,042	0,295	-0,002	0,015	0,049	FALSE
-0,136	0,273	-0,004	0,008	0,189	FALSE
-0,078	0,285	-0,001	0,008	0,032	FALSE
-0,019	0,292	-0,003	0,010	0,105	FALSE
0,039	0,294	0,004	0,012	0,132	FALSE
-0,006	0,297	0,000	0,008	0,005	FALSE
-0,067	0,293	-0,001	0,008	0,064	FALSE
-0,028	0,291	0,000	0,011	0,006	FALSE
-0,050	0,273	0,000	0,014	0,012	FALSE
-0,030	0,285	-0,002	0,008	0,073	FALSE
-0,034	0,277	0,000	0,008	0,013	FALSE
0,066	0,281	0,003	0,014	0,069	FALSE
0,135	0,286	0,003	0,009	0,139	FALSE
-0,065	0,299	-0,003	0,011	0,099	FALSE
-0,038	0,274	-0,002	0,010	0,096	FALSE
0,043	0,290	0,003	0,010	0,131	FALSE
-0,076	0,295	-0,003	0,011	0,124	FALSE
0,031	0,287	0,002	0,009	0,102	FALSE
0,111	0,270	0,006	0,015	0,154	FALSE
-0,023	0,300	0,001	0,010	0,028	FALSE
-0,010	0,281	0,001	0,009	0,055	FALSE
-0,094	0,271	-0,005	0,010	0,225	FALSE
-0,163	0,285	-0,005	0,008	0,283	FALSE
-0,077	0,291	-0,002	0,008	0,116	FALSE
0,079	0,285	0,004	0,014	0,110	FALSE
0,087	0,288	0,005	0,014	0,144	FALSE
-0,052	0,290	-0,002	0,008	0,085	FALSE
-0,038	0,288	-0,001	0,008	0,041	FALSE
-0,045	0,285	-0,002	0,015	0,060	FALSE
-0,074	0,303	-0,003	0,015	0,084	FALSE
0,038	0,279	-0,001	0,012	0,015	FALSE
0,032	0,298	0,001	0,009	0,039	FALSE
0,036	0,291	0,002	0,011	0,069	FALSE
-0,010	0,285	-0,001	0,007	0,072	FALSE
0,084	0,274	0,003	0,014	0,085	FALSE
0,102	0,293	0,005	0,015	0,124	FALSE
-0,010	0,294	0,002	0,013	0,060	FALSE
-0,051	0,289	-0,001	0,015	0,027	FALSE
0,121	0,268	0,002	0,014	0,052	FALSE
0,014	0,294	0,002	0,008	0,076	FALSE
-0,004	0,293	-0,002	0,012	0,065	FALSE
-0,069	0,289	-0,003	0,010	0,100	FALSE
-0,165	0,278	-0,009	0,015	0,248	FALSE

-0,071	0,289	-0,002	0,012	0,055	FALSE
0,152	0,282	0,006	0,013	0,177	FALSE
0,116	0,271	0,001	0,008	0,026	FALSE
0,154	0,276	0,005	0,010	0,234	FALSE
-0,034	0,298	0,001	0,013	0,030	FALSE
-0,212	0,284	-0,010	0,012	0,398	FALSE
0,034	0,282	0,001	0,012	0,024	FALSE
0,065	0,297	0,002	0,011	0,062	FALSE
0,056	0,288	0,000	0,012	0,004	FALSE
-0,198	0,269	-0,005	0,010	0,188	FALSE
-0,046	0,272	0,001	0,007	0,029	FALSE
0,107	0,293	0,003	0,007	0,140	FALSE
-0,120	0,283	-0,003	0,008	0,131	FALSE
-0,107	0,270	-0,005	0,009	0,261	FALSE
0,090	0,286	0,005	0,013	0,143	FALSE
-0,109	0,287	-0,007	0,014	0,206	FALSE
-0,095	0,287	-0,005	0,014	0,145	FALSE
0,081	0,297	0,003	0,015	0,062	FALSE
-0,033	0,272	-0,001	0,009	0,040	FALSE
0,102	0,299	0,001	0,010	0,052	FALSE
0,129	0,282	0,004	0,008	0,192	FALSE
0,067	0,288	0,001	0,014	0,027	FALSE
-0,097	0,275	-0,004	0,013	0,105	FALSE
0,074	0,275	0,000	0,007	0,001	FALSE
-0,020	0,284	-0,002	0,008	0,102	FALSE
-0,126	0,270	-0,006	0,008	0,295	FALSE
-0,106	0,280	-0,001	0,007	0,052	FALSE
-0,209	0,268	-0,005	0,008	0,297	FALSE
-0,208	0,264	-0,005	0,008	0,272	FALSE
-0,081	0,270	-0,004	0,012	0,129	FALSE
0,049	0,272	0,003	0,014	0,087	FALSE
-0,058	0,280	-0,004	0,013	0,104	FALSE
0,004	0,277	0,001	0,009	0,047	FALSE
0,014	0,293	0,002	0,011	0,074	FALSE
-0,219	0,270	-0,009	0,011	0,358	FALSE
-0,150	0,280	-0,003	0,008	0,146	FALSE
0,001	0,295	0,000	0,010	0,002	FALSE
0,099	0,278	0,005	0,014	0,133	FALSE
0,102	0,289	0,004	0,015	0,103	FALSE
0,052	0,269	-0,001	0,010	0,034	FALSE
0,122	0,289	0,006	0,011	0,217	FALSE
0,047	0,290	0,001	0,009	0,056	FALSE
0,089	0,288	0,001	0,013	0,031	FALSE
-0,012	0,284	0,000	0,008	0,012	FALSE
0,003	0,285	0,000	0,008	0,011	FALSE
-0,024	0,282	-0,001	0,008	0,031	FALSE
-0,095	0,282	-0,004	0,009	0,158	FALSE
-0,134	0,294	-0,006	0,013	0,177	FALSE
-0,130	0,304	-0,007	0,014	0,216	FALSE
0,007	0,280	-0,002	0,014	0,051	FALSE
-0,060	0,291	-0,002	0,009	0,071	FALSE
-0,091	0,282	-0,005	0,014	0,151	FALSE
-0,046	0,281	-0,002	0,013	0,070	FALSE

0,072	0,280	0,005	0,014	0,155	FALSE
-0,077	0,279	-0,003	0,007	0,144	FALSE
0,190	0,269	0,003	0,008	0,157	FALSE
-0,178	0,274	-0,007	0,010	0,335	FALSE
0,003	0,288	0,002	0,013	0,068	FALSE
0,137	0,288	0,005	0,012	0,162	FALSE
-0,004	0,296	0,000	0,014	0,001	FALSE
-0,160	0,269	-0,007	0,014	0,211	FALSE
-0,122	0,276	-0,005	0,014	0,139	FALSE
0,005	0,272	-0,001	0,009	0,029	FALSE
0,069	0,280	0,002	0,008	0,085	FALSE
-0,096	0,285	-0,003	0,012	0,116	FALSE
-0,039	0,282	-0,003	0,009	0,107	FALSE
-0,124	0,281	-0,005	0,015	0,116	FALSE
-0,076	0,288	-0,002	0,009	0,066	FALSE
-0,073	0,277	-0,002	0,008	0,069	FALSE
-0,113	0,279	-0,001	0,012	0,023	FALSE
0,006	0,306	0,000	0,012	0,013	FALSE
-0,128	0,269	-0,004	0,011	0,148	FALSE
0,130	0,287	0,004	0,013	0,121	FALSE
0,157	0,280	0,005	0,013	0,163	FALSE
0,081	0,291	0,004	0,010	0,147	FALSE
-0,057	0,292	-0,001	0,007	0,075	FALSE
-0,151	0,281	-0,004	0,007	0,210	FALSE
-0,087	0,283	-0,002	0,008	0,104	FALSE
0,067	0,280	0,001	0,013	0,040	FALSE
-0,226	0,287	-0,007	0,010	0,286	FALSE
-0,154	0,285	-0,007	0,013	0,211	FALSE
0,151	0,286	0,005	0,011	0,217	FALSE
0,025	0,289	0,001	0,014	0,036	FALSE
0,035	0,268	-0,002	0,014	0,043	FALSE
-0,081	0,292	-0,001	0,014	0,029	FALSE
0,052	0,277	0,001	0,009	0,043	FALSE
0,049	0,288	0,000	0,014	0,006	FALSE
0,035	0,287	0,003	0,014	0,089	FALSE
0,058	0,280	0,004	0,015	0,109	FALSE
0,035	0,292	0,002	0,007	0,106	FALSE
0,074	0,282	0,002	0,014	0,058	FALSE
-0,042	0,299	0,000	0,009	0,008	FALSE
-0,083	0,285	-0,003	0,015	0,065	FALSE
-0,071	0,288	-0,002	0,015	0,052	FALSE
-0,107	0,295	-0,004	0,011	0,141	FALSE
0,130	0,275	0,002	0,008	0,089	FALSE
-0,051	0,291	-0,003	0,013	0,071	FALSE
-0,127	0,299	-0,002	0,009	0,105	FALSE
0,067	0,291	0,001	0,008	0,044	FALSE
0,058	0,293	0,002	0,014	0,042	FALSE
0,047	0,279	0,001	0,014	0,033	FALSE
-0,055	0,282	-0,002	0,008	0,084	FALSE
-0,002	0,280	-0,001	0,010	0,019	FALSE
-0,055	0,294	-0,003	0,015	0,068	FALSE
0,087	0,276	0,004	0,011	0,142	FALSE
0,076	0,290	0,004	0,011	0,141	FALSE

-0,039	0,283	-0,002	0,011	0,074	FALSE
0,023	0,295	-0,002	0,015	0,043	FALSE
0,060	0,273	0,002	0,013	0,043	FALSE
-0,023	0,269	-0,002	0,009	0,096	FALSE
-0,114	0,280	-0,004	0,010	0,163	FALSE
-0,041	0,281	-0,001	0,011	0,041	FALSE
-0,015	0,297	0,001	0,015	0,017	FALSE
-0,001	0,296	0,000	0,015	0,002	FALSE
-0,092	0,286	-0,002	0,008	0,110	FALSE
-0,080	0,298	-0,001	0,008	0,052	FALSE
-0,152	0,274	-0,006	0,014	0,191	FALSE
-0,128	0,289	-0,006	0,014	0,166	FALSE
-0,024	0,306	-0,002	0,009	0,099	FALSE
-0,177	0,287	-0,009	0,015	0,249	FALSE
0,107	0,260	0,008	0,014	0,274	FALSE
0,054	0,287	0,001	0,008	0,029	FALSE
-0,006	0,277	-0,001	0,008	0,047	FALSE
0,070	0,274	0,002	0,013	0,056	FALSE
-0,064	0,294	-0,004	0,015	0,092	FALSE
0,218	0,279	0,011	0,015	0,342	FALSE
-0,096	0,288	-0,002	0,015	0,054	FALSE
-0,143	0,279	-0,003	0,013	0,082	FALSE
0,000	0,292	0,001	0,009	0,060	FALSE
0,011	0,286	0,002	0,008	0,069	FALSE
-0,214	0,274	-0,005	0,011	0,182	FALSE
0,034	0,291	0,002	0,010	0,068	FALSE
0,201	0,285	0,004	0,008	0,204	FALSE
-0,031	0,278	0,000	0,014	0,004	FALSE
-0,032	0,282	-0,001	0,010	0,025	FALSE
0,011	0,286	0,000	0,015	0,005	FALSE
0,132	0,285	0,004	0,011	0,134	FALSE
0,017	0,284	0,000	0,008	0,007	FALSE
-0,128	0,280	-0,007	0,011	0,272	FALSE
-0,145	0,294	-0,007	0,012	0,270	FALSE
-0,136	0,286	-0,010	0,014	0,306	FALSE
-0,166	0,263	-0,008	0,011	0,355	FALSE
-0,122	0,283	-0,007	0,012	0,250	FALSE
-0,102	0,292	-0,002	0,007	0,129	FALSE
0,022	0,289	-0,002	0,012	0,047	FALSE
-0,007	0,276	-0,002	0,010	0,079	FALSE
-0,116	0,291	-0,005	0,012	0,154	FALSE
-0,053	0,289	-0,002	0,010	0,086	FALSE
0,188	0,280	0,005	0,008	0,277	FALSE
-0,038	0,288	-0,001	0,010	0,057	FALSE
0,039	0,276	-0,001	0,013	0,042	FALSE
0,232	0,270	0,006	0,009	0,320	FALSE
-0,097	0,292	-0,004	0,015	0,101	FALSE
0,066	0,286	0,001	0,016	0,026	FALSE
0,048	0,277	0,003	0,011	0,108	FALSE
-0,089	0,291	-0,004	0,015	0,116	FALSE
0,033	0,295	0,003	0,015	0,064	FALSE
0,056	0,286	0,003	0,013	0,082	FALSE
0,068	0,278	0,001	0,010	0,020	FALSE

-0,067	0,280	-0,003	0,014	0,088	FALSE
-0,097	0,287	-0,003	0,009	0,101	FALSE
-0,066	0,290	-0,002	0,008	0,070	FALSE
0,062	0,282	0,002	0,012	0,067	FALSE
0,030	0,292	0,000	0,013	0,007	FALSE
-0,025	0,294	0,000	0,009	0,002	FALSE
0,195	0,288	0,006	0,009	0,292	FALSE
-0,065	0,283	-0,003	0,009	0,108	FALSE
-0,015	0,291	-0,002	0,009	0,059	FALSE
0,042	0,294	0,001	0,008	0,022	FALSE
-0,196	0,272	-0,008	0,015	0,229	FALSE
-0,133	0,283	-0,003	0,009	0,132	FALSE
0,153	0,281	0,006	0,014	0,184	FALSE
0,038	0,291	0,001	0,008	0,032	FALSE
-0,082	0,284	-0,004	0,015	0,092	FALSE
0,011	0,288	0,001	0,015	0,016	FALSE
-0,121	0,282	-0,004	0,013	0,129	FALSE
-0,118	0,291	-0,004	0,012	0,117	FALSE
0,204	0,263	0,009	0,012	0,342	FALSE
0,125	0,277	0,003	0,008	0,135	FALSE
-0,060	0,286	-0,004	0,011	0,132	FALSE
0,120	0,276	0,005	0,011	0,211	FALSE
-0,155	0,274	-0,007	0,010	0,281	FALSE
0,051	0,284	0,002	0,009	0,081	FALSE
0,082	0,281	0,003	0,010	0,130	FALSE
-0,062	0,297	-0,001	0,013	0,034	FALSE
-0,046	0,274	-0,001	0,009	0,057	TRUE
0,088	0,280	0,004	0,012	0,132	FALSE
0,057	0,292	0,003	0,009	0,122	FALSE
0,094	0,292	0,002	0,012	0,068	FALSE
0,062	0,290	0,002	0,008	0,080	FALSE
0,016	0,285	0,000	0,008	0,013	FALSE
-0,056	0,291	0,000	0,009	0,016	FALSE
-0,051	0,280	0,000	0,010	0,012	FALSE
0,075	0,275	0,004	0,012	0,127	FALSE
0,094	0,288	0,001	0,015	0,030	FALSE
-0,019	0,283	-0,003	0,011	0,104	FALSE
-0,057	0,293	-0,002	0,012	0,064	FALSE
0,059	0,287	0,002	0,009	0,064	FALSE
0,002	0,279	-0,002	0,012	0,048	FALSE
-0,132	0,267	-0,005	0,013	0,158	FALSE
-0,044	0,282	0,000	0,007	0,009	FALSE
-0,033	0,283	0,000	0,010	0,011	FALSE
-0,030	0,292	-0,002	0,009	0,097	FALSE
0,157	0,290	0,005	0,010	0,228	FALSE
0,132	0,301	0,005	0,010	0,190	FALSE
-0,105	0,285	-0,004	0,012	0,136	FALSE
-0,068	0,295	-0,003	0,013	0,084	FALSE
-0,040	0,279	0,000	0,010	0,012	FALSE
-0,039	0,302	0,000	0,012	0,010	FALSE
-0,035	0,294	0,000	0,011	0,010	FALSE
0,201	0,270	0,007	0,014	0,223	FALSE
-0,114	0,281	-0,004	0,010	0,143	FALSE

0,186	0,264	0,010	0,014	0,311	FALSE
0,039	0,287	-0,002	0,008	0,075	FALSE
-0,014	0,293	0,000	0,011	0,016	FALSE
-0,011	0,283	0,002	0,009	0,103	FALSE
-0,017	0,306	0,000	0,008	0,010	FALSE
-0,004	0,281	0,003	0,011	0,093	FALSE
0,003	0,300	0,001	0,008	0,045	FALSE
-0,015	0,289	-0,002	0,013	0,054	FALSE
0,014	0,286	0,001	0,015	0,029	FALSE
0,031	0,290	0,002	0,015	0,038	FALSE
0,013	0,289	-0,002	0,013	0,067	FALSE
0,053	0,276	0,001	0,008	0,067	FALSE
-0,011	0,282	-0,002	0,008	0,071	FALSE
0,167	0,283	0,009	0,013	0,307	FALSE
-0,085	0,285	-0,004	0,014	0,121	FALSE
-0,230	0,273	-0,008	0,012	0,301	FALSE
-0,082	0,298	0,000	0,009	0,011	FALSE
-0,055	0,277	-0,001	0,008	0,037	FALSE
0,038	0,278	0,000	0,008	0,016	FALSE
-0,091	0,293	-0,002	0,011	0,056	FALSE
0,171	0,278	0,007	0,011	0,280	FALSE
0,060	0,278	0,000	0,013	0,011	FALSE
0,133	0,286	0,004	0,010	0,169	FALSE
0,165	0,274	0,003	0,008	0,165	FALSE
0,149	0,297	0,005	0,009	0,220	FALSE
-0,016	0,287	-0,001	0,010	0,035	FALSE
0,129	0,292	0,003	0,013	0,101	FALSE
0,151	0,282	0,005	0,010	0,182	FALSE
0,052	0,282	0,000	0,008	0,011	FALSE
0,032	0,285	0,002	0,014	0,060	FALSE
-0,195	0,278	-0,006	0,013	0,219	FALSE
-0,114	0,287	-0,004	0,015	0,103	FALSE
0,137	0,288	0,003	0,008	0,163	FALSE
-0,047	0,292	-0,001	0,008	0,038	FALSE
-0,020	0,281	-0,001	0,014	0,032	FALSE
0,045	0,285	0,000	0,010	0,011	FALSE
-0,040	0,287	-0,002	0,009	0,091	FALSE
-0,085	0,289	-0,002	0,008	0,085	FALSE
-0,079	0,297	-0,002	0,009	0,081	FALSE
0,010	0,286	0,001	0,008	0,027	FALSE
0,195	0,281	0,006	0,010	0,252	FALSE
0,119	0,276	0,002	0,008	0,081	FALSE
0,133	0,273	0,002	0,009	0,084	FALSE
-0,134	0,299	-0,008	0,014	0,249	FALSE
-0,042	0,281	-0,001	0,015	0,030	FALSE
0,053	0,290	-0,001	0,011	0,020	FALSE
0,064	0,287	0,000	0,011	0,015	FALSE
0,059	0,298	0,000	0,011	0,014	FALSE
-0,202	0,287	-0,009	0,015	0,258	FALSE
0,002	0,286	0,000	0,008	0,020	FALSE
-0,160	0,285	-0,004	0,010	0,192	FALSE
0,019	0,282	-0,001	0,012	0,039	FALSE
0,004	0,278	0,001	0,007	0,033	FALSE

-0,040	0,289	0,000	0,012	0,011	FALSE
-0,108	0,269	-0,003	0,014	0,082	FALSE
-0,203	0,279	-0,006	0,009	0,294	FALSE
-0,048	0,310	-0,001	0,012	0,044	FALSE
-0,003	0,289	0,000	0,008	0,015	FALSE
-0,158	0,291	-0,006	0,015	0,156	FALSE
-0,013	0,277	0,000	0,010	0,010	FALSE
0,056	0,282	0,003	0,010	0,126	FALSE
0,022	0,299	0,002	0,014	0,042	FALSE
-0,051	0,278	-0,003	0,015	0,072	FALSE
-0,036	0,298	-0,001	0,008	0,030	FALSE
0,044	0,292	0,001	0,012	0,026	FALSE
-0,064	0,286	-0,003	0,008	0,142	FALSE
0,008	0,290	0,002	0,008	0,096	FALSE
-0,045	0,284	0,002	0,009	0,065	FALSE
-0,131	0,292	-0,003	0,013	0,101	FALSE
-0,150	0,290	-0,005	0,012	0,162	FALSE
0,002	0,288	-0,002	0,011	0,070	FALSE
0,077	0,289	0,001	0,011	0,047	FALSE
-0,098	0,281	-0,002	0,011	0,054	FALSE
0,171	0,275	0,008	0,014	0,250	FALSE
0,110	0,278	0,003	0,009	0,148	FALSE
0,089	0,301	0,003	0,010	0,112	FALSE
0,068	0,273	0,003	0,011	0,088	FALSE
0,105	0,276	0,001	0,010	0,044	FALSE
0,056	0,289	0,002	0,013	0,050	FALSE
0,071	0,285	0,001	0,010	0,048	FALSE
-0,012	0,287	0,000	0,008	0,023	FALSE
0,107	0,272	0,004	0,012	0,143	FALSE
0,064	0,288	0,002	0,007	0,097	FALSE
0,069	0,274	0,001	0,007	0,044	FALSE
0,064	0,284	0,001	0,008	0,035	FALSE
0,062	0,295	0,002	0,008	0,083	FALSE
-0,035	0,292	-0,001	0,009	0,030	FALSE
-0,060	0,287	0,001	0,015	0,020	FALSE
-0,051	0,283	0,001	0,015	0,031	FALSE
-0,044	0,281	0,002	0,015	0,041	FALSE
-0,048	0,279	-0,002	0,009	0,103	FALSE
0,080	0,300	0,003	0,012	0,097	FALSE
0,003	0,292	-0,001	0,010	0,018	FALSE
-0,094	0,280	-0,003	0,013	0,097	FALSE
0,013	0,301	0,000	0,011	0,003	FALSE
-0,175	0,280	-0,003	0,008	0,176	FALSE
0,140	0,274	0,002	0,012	0,065	FALSE
0,133	0,261	0,003	0,009	0,143	FALSE
0,131	0,269	0,003	0,010	0,129	FALSE
0,091	0,289	0,001	0,013	0,022	FALSE
0,089	0,266	0,000	0,012	0,006	FALSE
0,073	0,281	0,000	0,012	0,003	FALSE
0,149	0,275	0,003	0,010	0,103	FALSE
0,088	0,283	0,001	0,008	0,026	FALSE
0,098	0,283	0,001	0,012	0,042	FALSE
-0,033	0,280	-0,002	0,011	0,054	FALSE

0,183	0,268	0,004	0,010	0,144	FALSE
-0,116	0,269	-0,002	0,009	0,095	FALSE
-0,152	0,285	-0,004	0,009	0,185	FALSE
-0,054	0,280	0,000	0,010	0,005	FALSE
-0,120	0,284	-0,003	0,010	0,127	FALSE
-0,106	0,284	-0,002	0,009	0,098	FALSE
-0,001	0,284	0,000	0,008	0,012	FALSE
-0,066	0,290	0,001	0,012	0,016	FALSE
-0,143	0,292	-0,003	0,010	0,116	FALSE
-0,057	0,287	-0,003	0,014	0,097	FALSE
-0,056	0,281	-0,002	0,010	0,073	FALSE
-0,008	0,292	0,000	0,015	0,003	FALSE
-0,031	0,295	-0,001	0,009	0,053	FALSE
-0,180	0,279	-0,008	0,014	0,254	FALSE
-0,020	0,281	-0,001	0,012	0,042	FALSE
-0,016	0,273	0,000	0,013	0,002	FALSE
-0,019	0,286	0,000	0,008	0,005	FALSE
0,015	0,288	-0,001	0,015	0,013	FALSE
-0,121	0,294	-0,004	0,009	0,155	FALSE
0,103	0,282	0,004	0,014	0,108	FALSE
-0,105	0,294	-0,003	0,012	0,101	FALSE
0,135	0,271	0,002	0,008	0,080	FALSE
-0,079	0,284	-0,001	0,009	0,044	FALSE
-0,109	0,288	-0,003	0,009	0,139	FALSE
0,125	0,292	0,004	0,009	0,169	FALSE
0,203	0,286	0,005	0,008	0,257	FALSE
0,057	0,288	0,003	0,014	0,078	FALSE
0,019	0,272	0,000	0,009	0,006	FALSE
0,111	0,289	0,005	0,014	0,144	FALSE
0,001	0,280	0,001	0,010	0,043	FALSE
0,125	0,286	0,002	0,010	0,100	FALSE
-0,119	0,276	-0,003	0,008	0,151	FALSE
-0,086	0,276	-0,004	0,015	0,115	FALSE
0,028	0,271	0,000	0,009	0,003	FALSE
0,124	0,288	0,003	0,009	0,118	FALSE
-0,138	0,282	-0,004	0,013	0,125	FALSE
-0,113	0,286	-0,003	0,013	0,087	FALSE
-0,114	0,277	-0,003	0,013	0,080	FALSE
0,009	0,285	0,002	0,008	0,084	FALSE
-0,143	0,279	-0,004	0,012	0,127	FALSE
-0,128	0,284	-0,005	0,014	0,125	FALSE
0,041	0,284	0,000	0,008	0,009	FALSE
-0,114	0,290	-0,005	0,012	0,183	FALSE
0,004	0,283	0,000	0,011	0,016	FALSE
-0,020	0,288	-0,003	0,014	0,075	FALSE
-0,032	0,288	-0,004	0,011	0,122	FALSE
-0,111	0,299	-0,004	0,010	0,168	FALSE
0,167	0,290	0,003	0,007	0,174	FALSE
-0,066	0,274	0,000	0,009	0,017	FALSE
-0,131	0,301	-0,004	0,008	0,202	FALSE
-0,052	0,293	-0,001	0,008	0,070	FALSE
-0,060	0,289	-0,001	0,009	0,052	FALSE
0,079	0,287	0,002	0,014	0,065	FALSE

0,056	0,286	0,001	0,008	0,053	FALSE
-0,102	0,286	-0,003	0,008	0,183	FALSE
0,030	0,299	0,001	0,008	0,046	FALSE
0,107	0,294	0,003	0,013	0,098	FALSE
0,001	0,283	0,000	0,012	0,004	FALSE
0,163	0,275	0,006	0,014	0,169	FALSE
-0,007	0,287	0,002	0,014	0,049	FALSE
0,119	0,277	0,001	0,010	0,028	FALSE
0,055	0,296	0,003	0,011	0,111	FALSE
-0,072	0,274	-0,005	0,014	0,140	FALSE
0,159	0,288	0,005	0,010	0,222	FALSE
0,129	0,293	0,003	0,008	0,147	FALSE
0,042	0,283	0,002	0,010	0,072	FALSE
-0,120	0,274	-0,003	0,008	0,139	FALSE
0,134	0,276	0,006	0,014	0,181	FALSE
0,138	0,299	0,007	0,015	0,185	FALSE
-0,150	0,289	-0,007	0,012	0,231	FALSE
0,025	0,281	0,002	0,009	0,073	FALSE
0,001	0,274	0,004	0,013	0,125	FALSE
-0,050	0,283	-0,003	0,010	0,106	FALSE
-0,039	0,284	-0,003	0,015	0,069	FALSE
0,198	0,285	0,009	0,012	0,358	FALSE
-0,072	0,293	-0,005	0,015	0,121	FALSE
0,060	0,298	0,002	0,014	0,048	FALSE
-0,205	0,277	-0,005	0,007	0,266	FALSE
-0,083	0,286	-0,003	0,008	0,116	FALSE
-0,085	0,294	-0,004	0,014	0,125	FALSE
-0,135	0,284	-0,005	0,012	0,154	FALSE
-0,159	0,280	-0,004	0,007	0,217	FALSE
-0,172	0,293	-0,004	0,009	0,203	FALSE
0,187	0,277	0,005	0,008	0,239	FALSE
0,013	0,279	0,001	0,009	0,028	FALSE
0,061	0,286	0,001	0,010	0,056	FALSE
-0,085	0,286	-0,004	0,013	0,111	FALSE
0,011	0,281	-0,001	0,012	0,030	FALSE
-0,044	0,288	0,000	0,012	0,004	FALSE
0,100	0,289	0,003	0,012	0,116	FALSE
-0,030	0,279	-0,001	0,008	0,030	FALSE
-0,106	0,274	-0,001	0,010	0,042	FALSE
0,184	0,275	0,007	0,013	0,244	FALSE
-0,026	0,294	-0,001	0,013	0,031	FALSE
0,209	0,279	0,005	0,007	0,267	FALSE
-0,088	0,279	-0,006	0,013	0,185	FALSE
0,121	0,292	0,003	0,010	0,126	FALSE
0,002	0,289	0,001	0,012	0,025	FALSE
-0,030	0,303	-0,003	0,013	0,074	FALSE
0,061	0,285	0,002	0,008	0,104	FALSE
0,012	0,301	-0,001	0,008	0,027	FALSE
-0,013	0,300	-0,001	0,014	0,021	FALSE
-0,171	0,274	-0,004	0,015	0,110	FALSE
0,236	0,271	0,005	0,008	0,241	FALSE
-0,100	0,274	-0,003	0,007	0,173	FALSE
0,107	0,285	0,002	0,008	0,101	FALSE

-0,052	0,277	-0,001	0,009	0,039	FALSE
0,091	0,291	0,004	0,011	0,133	FALSE
-0,099	0,283	-0,003	0,007	0,186	FALSE
0,078	0,281	0,005	0,009	0,211	FALSE
-0,009	0,288	-0,001	0,007	0,035	FALSE
-0,049	0,300	0,001	0,014	0,016	FALSE
-0,026	0,286	0,000	0,007	0,010	FALSE
-0,016	0,283	-0,001	0,014	0,030	FALSE
0,066	0,292	0,002	0,010	0,060	FALSE
0,225	0,273	0,012	0,015	0,382	FALSE
0,070	0,283	0,002	0,014	0,056	FALSE
0,110	0,282	0,007	0,014	0,197	FALSE
0,039	0,280	-0,001	0,011	0,023	FALSE
-0,062	0,281	-0,006	0,014	0,162	FALSE
-0,033	0,283	-0,003	0,009	0,147	FALSE
0,116	0,296	0,004	0,009	0,198	FALSE
0,112	0,293	0,004	0,010	0,145	FALSE
-0,004	0,290	0,000	0,011	0,008	FALSE
0,151	0,289	0,003	0,008	0,164	FALSE
0,060	0,290	0,002	0,015	0,057	FALSE
0,052	0,293	0,003	0,012	0,094	FALSE
0,063	0,280	0,001	0,012	0,015	FALSE
-0,120	0,283	-0,005	0,012	0,165	FALSE
-0,110	0,290	-0,003	0,008	0,154	FALSE
0,241	0,279	0,008	0,013	0,300	FALSE
0,066	0,270	0,002	0,014	0,064	FALSE
-0,024	0,297	0,000	0,008	0,008	FALSE
-0,172	0,293	-0,007	0,012	0,251	FALSE
-0,113	0,291	-0,006	0,013	0,181	FALSE
0,001	0,277	-0,001	0,012	0,034	FALSE
-0,097	0,277	-0,005	0,011	0,168	FALSE
-0,108	0,288	-0,004	0,009	0,181	FALSE
0,114	0,282	0,002	0,007	0,093	FALSE
0,085	0,281	0,001	0,007	0,064	FALSE
-0,010	0,299	0,000	0,014	0,009	FALSE
0,003	0,282	0,000	0,007	0,013	FALSE
-0,005	0,282	-0,002	0,011	0,051	FALSE
0,182	0,275	0,003	0,008	0,135	FALSE
-0,032	0,286	0,000	0,014	0,006	FALSE
-0,097	0,301	-0,004	0,011	0,144	FALSE
0,097	0,284	0,005	0,012	0,167	FALSE
0,109	0,288	0,003	0,008	0,125	FALSE
-0,119	0,285	-0,004	0,008	0,197	FALSE
-0,098	0,287	-0,003	0,007	0,193	FALSE
-0,163	0,273	-0,008	0,012	0,279	FALSE
-0,055	0,299	-0,002	0,014	0,046	FALSE
-0,057	0,311	-0,002	0,012	0,073	FALSE
-0,017	0,283	0,000	0,008	0,010	FALSE
0,153	0,266	0,003	0,010	0,123	FALSE
0,082	0,275	0,001	0,011	0,040	FALSE
-0,031	0,282	0,000	0,009	0,001	FALSE
0,054	0,277	0,003	0,008	0,123	FALSE
0,116	0,276	0,004	0,012	0,116	FALSE

-0,200	0,285	-0,006	0,009	0,288	FALSE
0,031	0,291	0,000	0,015	0,007	FALSE
0,007	0,290	-0,001	0,013	0,029	FALSE
0,019	0,290	0,001	0,010	0,024	FALSE
-0,045	0,292	-0,001	0,012	0,047	FALSE
-0,050	0,289	-0,002	0,015	0,060	FALSE
-0,074	0,291	-0,005	0,016	0,126	FALSE
-0,005	0,281	0,000	0,007	0,006	FALSE
0,009	0,272	0,000	0,010	0,012	FALSE
-0,108	0,294	-0,003	0,008	0,125	FALSE
0,048	0,278	0,001	0,014	0,038	FALSE
-0,060	0,286	-0,003	0,014	0,075	FALSE
0,033	0,295	0,001	0,010	0,033	FALSE
0,002	0,293	0,000	0,011	0,002	FALSE
-0,144	0,265	-0,007	0,012	0,246	FALSE
0,116	0,271	0,002	0,009	0,089	FALSE
0,136	0,290	0,006	0,012	0,217	FALSE
-0,070	0,271	0,000	0,013	0,005	FALSE
0,107	0,288	0,002	0,013	0,069	FALSE
-0,201	0,270	-0,007	0,010	0,282	FALSE
-0,106	0,294	-0,003	0,008	0,185	FALSE
0,000	0,284	-0,002	0,010	0,062	FALSE
0,027	0,299	0,001	0,007	0,031	FALSE
-0,039	0,291	-0,002	0,014	0,056	FALSE
0,068	0,287	0,004	0,010	0,151	FALSE
-0,044	0,295	0,000	0,015	0,008	FALSE
-0,057	0,293	-0,001	0,008	0,064	FALSE
0,018	0,291	0,001	0,009	0,051	FALSE
-0,181	0,287	-0,005	0,009	0,253	FALSE
0,129	0,284	0,002	0,007	0,098	FALSE
0,011	0,289	-0,002	0,012	0,047	FALSE
-0,061	0,272	-0,001	0,009	0,043	FALSE
0,120	0,298	0,003	0,008	0,132	FALSE
-0,016	0,286	-0,002	0,009	0,083	FALSE
0,126	0,278	0,004	0,013	0,129	FALSE
0,136	0,284	0,004	0,015	0,110	FALSE
0,156	0,269	0,004	0,013	0,130	FALSE
-0,039	0,302	0,001	0,015	0,031	FALSE
0,067	0,290	0,002	0,013	0,049	FALSE
-0,034	0,288	0,000	0,015	0,008	FALSE
-0,009	0,281	-0,002	0,014	0,046	FALSE
-0,095	0,300	-0,003	0,014	0,094	FALSE
-0,098	0,307	-0,004	0,013	0,128	FALSE
0,035	0,294	0,000	0,011	0,008	FALSE
0,090	0,276	0,002	0,010	0,085	FALSE
0,121	0,280	0,003	0,010	0,118	FALSE
0,182	0,284	0,003	0,008	0,180	FALSE
0,019	0,291	0,000	0,014	0,007	FALSE
0,071	0,298	0,003	0,015	0,084	FALSE
0,057	0,288	0,001	0,007	0,046	FALSE
0,006	0,297	0,001	0,010	0,023	FALSE
-0,080	0,297	-0,004	0,015	0,117	FALSE
0,100	0,296	0,005	0,015	0,126	FALSE

-0,056	0,287	-0,001	0,014	0,029	FALSE
-0,006	0,291	-0,002	0,014	0,047	FALSE
-0,123	0,291	-0,008	0,014	0,250	FALSE
0,053	0,287	0,001	0,008	0,028	FALSE
0,035	0,294	0,001	0,008	0,044	FALSE
0,006	0,287	0,001	0,011	0,049	FALSE
0,022	0,289	0,000	0,007	0,023	FALSE
-0,010	0,301	0,000	0,008	0,006	FALSE
-0,168	0,288	-0,008	0,014	0,225	FALSE
-0,184	0,283	-0,009	0,015	0,258	FALSE
-0,161	0,296	-0,008	0,015	0,209	FALSE
-0,225	0,284	-0,009	0,014	0,288	FALSE
0,053	0,286	0,003	0,011	0,093	FALSE
0,016	0,293	0,001	0,010	0,023	FALSE
0,081	0,281	0,002	0,010	0,070	FALSE
-0,006	0,283	0,000	0,011	0,004	FALSE
0,088	0,297	0,005	0,015	0,129	FALSE
-0,024	0,302	0,000	0,010	0,005	FALSE
-0,142	0,274	-0,003	0,010	0,110	FALSE
-0,079	0,276	-0,002	0,008	0,087	FALSE
-0,042	0,272	-0,001	0,008	0,027	FALSE
0,052	0,294	0,003	0,015	0,067	FALSE
0,060	0,284	0,003	0,014	0,068	FALSE
-0,087	0,290	-0,001	0,007	0,068	FALSE
0,076	0,268	0,003	0,011	0,090	FALSE
0,088	0,294	0,004	0,012	0,113	FALSE
0,173	0,283	0,004	0,009	0,192	FALSE
0,169	0,278	0,006	0,013	0,215	FALSE
-0,211	0,273	-0,005	0,008	0,281	FALSE
-0,066	0,289	-0,003	0,009	0,128	FALSE
-0,226	0,283	-0,005	0,009	0,276	FALSE
0,021	0,289	0,003	0,015	0,074	FALSE
0,020	0,277	0,000	0,007	0,017	FALSE
0,164	0,285	0,005	0,009	0,251	FALSE
0,071	0,283	0,004	0,013	0,106	FALSE
-0,095	0,296	-0,005	0,014	0,143	FALSE
-0,066	0,284	-0,001	0,007	0,038	FALSE
0,014	0,275	-0,001	0,011	0,024	FALSE
-0,077	0,293	-0,001	0,008	0,035	FALSE
-0,057	0,296	0,000	0,007	0,015	FALSE
0,102	0,293	0,003	0,010	0,102	FALSE
0,044	0,289	0,001	0,015	0,015	FALSE
-0,016	0,274	-0,001	0,014	0,016	FALSE
0,007	0,295	0,000	0,014	0,008	FALSE
0,138	0,300	0,003	0,008	0,168	FALSE
-0,142	0,266	-0,006	0,014	0,170	FALSE
0,097	0,287	0,001	0,011	0,019	FALSE
0,157	0,289	0,003	0,008	0,152	FALSE
-0,098	0,271	-0,003	0,013	0,095	FALSE
0,061	0,295	0,004	0,015	0,096	FALSE
0,054	0,300	0,003	0,008	0,135	FALSE
-0,033	0,297	-0,001	0,008	0,066	FALSE
-0,025	0,310	-0,001	0,010	0,045	FALSE

0,032	0,282	-0,001	0,008	0,026	FALSE
0,044	0,286	0,001	0,012	0,016	FALSE
-0,257	0,262	-0,010	0,012	0,380	FALSE
0,145	0,291	0,005	0,012	0,163	FALSE
-0,022	0,287	0,000	0,009	0,010	FALSE
-0,032	0,284	-0,002	0,009	0,073	FALSE
0,145	0,295	0,002	0,009	0,088	FALSE
0,059	0,296	0,002	0,013	0,065	FALSE
0,052	0,284	0,002	0,012	0,052	FALSE
-0,031	0,283	-0,001	0,011	0,026	FALSE
-0,126	0,285	-0,006	0,012	0,220	FALSE
0,047	0,279	0,001	0,009	0,023	FALSE
0,050	0,286	0,000	0,009	0,018	FALSE
0,128	0,277	0,006	0,013	0,211	FALSE
0,010	0,300	-0,001	0,010	0,033	FALSE
-0,056	0,286	-0,002	0,011	0,057	FALSE
0,028	0,286	0,000	0,009	0,001	FALSE
0,199	0,284	0,005	0,011	0,192	FALSE
-0,024	0,271	0,000	0,009	0,005	FALSE
0,098	0,286	0,004	0,015	0,101	FALSE
-0,061	0,293	-0,001	0,013	0,032	FALSE
0,052	0,293	0,001	0,010	0,054	FALSE
-0,123	0,300	-0,004	0,011	0,164	FALSE
0,101	0,304	0,003	0,010	0,112	FALSE
0,028	0,282	0,001	0,011	0,038	FALSE
-0,074	0,285	-0,004	0,014	0,102	FALSE
-0,126	0,278	-0,002	0,008	0,117	FALSE
0,006	0,288	-0,001	0,012	0,027	FALSE
-0,042	0,291	-0,003	0,012	0,104	FALSE
0,097	0,287	0,004	0,013	0,118	FALSE
-0,062	0,293	0,000	0,009	0,009	FALSE
0,058	0,293	0,001	0,011	0,023	FALSE
-0,061	0,292	-0,003	0,009	0,110	FALSE
-0,159	0,274	-0,004	0,007	0,220	FALSE
-0,015	0,279	0,000	0,007	0,015	FALSE
-0,085	0,291	-0,001	0,010	0,044	FALSE
-0,013	0,303	0,001	0,016	0,019	FALSE
-0,199	0,282	-0,004	0,007	0,266	FALSE
-0,091	0,290	-0,001	0,008	0,034	FALSE
0,003	0,279	0,002	0,013	0,063	FALSE
-0,015	0,278	-0,001	0,009	0,024	FALSE
0,086	0,288	0,004	0,014	0,101	FALSE
0,027	0,282	0,000	0,008	0,020	FALSE
-0,080	0,290	-0,002	0,008	0,073	FALSE
0,035	0,296	0,001	0,013	0,033	FALSE
-0,041	0,285	-0,003	0,014	0,075	FALSE
-0,182	0,300	-0,005	0,011	0,218	FALSE
-0,066	0,282	-0,001	0,010	0,050	FALSE
-0,078	0,286	-0,003	0,009	0,114	FALSE
-0,018	0,293	0,000	0,007	0,021	FALSE
-0,163	0,277	-0,004	0,008	0,229	FALSE
-0,062	0,283	0,000	0,009	0,006	FALSE
-0,175	0,271	-0,007	0,010	0,321	FALSE

0,069	0,275	0,004	0,013	0,117	FALSE
0,065	0,277	0,004	0,013	0,123	FALSE
0,038	0,284	0,004	0,013	0,132	FALSE
-0,041	0,272	-0,002	0,010	0,083	FALSE
0,031	0,288	0,000	0,009	0,006	FALSE
-0,099	0,308	-0,004	0,013	0,130	FALSE
-0,071	0,296	-0,004	0,013	0,104	FALSE
0,112	0,283	0,004	0,013	0,111	TRUE
0,027	0,279	0,001	0,008	0,022	FALSE
-0,138	0,277	-0,004	0,011	0,143	FALSE
-0,064	0,270	-0,001	0,011	0,021	FALSE
0,220	0,274	0,007	0,011	0,276	FALSE
-0,082	0,299	-0,002	0,008	0,087	FALSE
-0,089	0,281	-0,002	0,010	0,088	FALSE
-0,026	0,278	-0,001	0,013	0,017	FALSE
-0,110	0,293	-0,002	0,007	0,084	FALSE
0,054	0,287	0,001	0,009	0,036	FALSE
0,085	0,283	0,001	0,008	0,045	FALSE
0,105	0,284	0,001	0,009	0,060	FALSE
0,126	0,282	0,002	0,008	0,097	FALSE
-0,080	0,286	-0,001	0,009	0,025	FALSE
0,095	0,278	0,001	0,008	0,031	FALSE
-0,059	0,273	0,000	0,009	0,007	FALSE
0,083	0,283	0,000	0,008	0,016	FALSE
0,111	0,281	0,001	0,008	0,065	FALSE
-0,007	0,286	0,000	0,008	0,004	FALSE
-0,082	0,285	-0,002	0,015	0,039	FALSE
0,072	0,284	0,002	0,011	0,079	FALSE
-0,051	0,269	-0,001	0,012	0,043	FALSE
-0,025	0,297	-0,002	0,013	0,045	FALSE
-0,023	0,281	-0,003	0,010	0,117	FALSE
-0,104	0,284	-0,007	0,015	0,194	FALSE
0,075	0,276	0,002	0,007	0,124	FALSE
0,059	0,282	0,001	0,008	0,029	FALSE
0,031	0,286	0,002	0,013	0,056	FALSE
0,114	0,288	0,009	0,015	0,260	FALSE
0,012	0,289	0,001	0,013	0,018	FALSE
-0,091	0,284	-0,003	0,011	0,104	FALSE
-0,219	0,280	-0,005	0,008	0,244	FALSE
-0,182	0,282	-0,004	0,008	0,199	FALSE
-0,026	0,286	-0,001	0,008	0,046	FALSE
0,140	0,286	0,005	0,014	0,139	FALSE
-0,089	0,275	-0,003	0,009	0,130	FALSE
0,012	0,296	0,001	0,010	0,021	FALSE
-0,089	0,287	-0,003	0,015	0,080	FALSE
0,053	0,275	0,002	0,013	0,065	FALSE
0,075	0,292	0,001	0,008	0,044	FALSE
0,053	0,285	0,002	0,015	0,055	FALSE
0,197	0,287	0,005	0,008	0,292	FALSE
0,024	0,294	0,003	0,014	0,092	FALSE
-0,025	0,301	0,001	0,009	0,023	FALSE
-0,020	0,284	0,001	0,009	0,043	FALSE
0,145	0,280	0,010	0,014	0,299	FALSE

0,131	0,289	0,010	0,015	0,314	FALSE
0,090	0,279	0,008	0,014	0,232	FALSE
0,091	0,287	0,008	0,015	0,224	FALSE
0,106	0,285	0,007	0,013	0,245	FALSE
0,074	0,287	0,007	0,014	0,199	FALSE
-0,074	0,286	-0,005	0,014	0,154	FALSE
-0,129	0,288	-0,003	0,010	0,099	FALSE
-0,064	0,288	-0,003	0,009	0,140	FALSE
-0,055	0,290	0,000	0,012	0,008	FALSE
-0,169	0,270	-0,006	0,014	0,162	FALSE
0,220	0,279	0,006	0,012	0,224	FALSE
-0,147	0,278	-0,005	0,015	0,149	FALSE
0,205	0,279	0,005	0,008	0,271	FALSE
-0,087	0,284	-0,004	0,011	0,145	FALSE
0,004	0,285	-0,001	0,008	0,030	FALSE
0,055	0,290	0,002	0,015	0,053	FALSE
0,137	0,286	0,008	0,014	0,253	FALSE
-0,018	0,280	-0,001	0,009	0,044	FALSE
0,144	0,287	0,006	0,014	0,179	FALSE
-0,154	0,278	-0,006	0,010	0,245	FALSE
-0,078	0,287	-0,002	0,012	0,077	FALSE
-0,065	0,284	-0,003	0,008	0,126	FALSE
0,032	0,292	0,001	0,012	0,044	FALSE
0,062	0,273	0,002	0,012	0,063	FALSE
0,005	0,288	-0,001	0,007	0,071	FALSE
-0,009	0,294	-0,002	0,007	0,075	FALSE
-0,027	0,266	0,002	0,008	0,090	FALSE
-0,106	0,278	-0,002	0,010	0,093	FALSE
-0,054	0,266	0,000	0,013	0,012	FALSE
-0,048	0,279	-0,002	0,010	0,089	FALSE
0,078	0,294	0,001	0,008	0,048	FALSE
-0,056	0,280	-0,002	0,007	0,077	FALSE
0,024	0,305	0,002	0,014	0,060	FALSE
-0,082	0,267	-0,001	0,009	0,049	FALSE
0,050	0,288	0,001	0,010	0,042	FALSE
-0,018	0,291	-0,001	0,015	0,022	FALSE
0,149	0,279	0,004	0,009	0,156	FALSE
-0,077	0,278	-0,002	0,013	0,064	FALSE
0,059	0,290	0,003	0,011	0,091	FALSE
-0,035	0,289	0,000	0,012	0,000	FALSE
-0,077	0,281	-0,005	0,014	0,143	FALSE
-0,117	0,279	-0,007	0,014	0,199	FALSE
-0,115	0,279	-0,006	0,014	0,196	FALSE
-0,003	0,289	0,000	0,008	0,005	FALSE
0,074	0,292	0,002	0,014	0,054	FALSE
0,151	0,287	0,004	0,008	0,256	FALSE
-0,010	0,280	0,001	0,009	0,047	FALSE
-0,062	0,291	-0,001	0,008	0,059	FALSE
0,082	0,276	0,002	0,015	0,048	FALSE
0,056	0,274	0,003	0,008	0,134	FALSE
-0,054	0,288	0,000	0,015	0,010	FALSE
0,002	0,293	-0,002	0,012	0,046	FALSE
-0,037	0,293	0,001	0,010	0,035	FALSE

-0,008	0,274	0,001	0,008	0,044	FALSE
0,184	0,291	0,005	0,010	0,210	FALSE
-0,086	0,289	-0,003	0,007	0,153	FALSE
-0,130	0,275	-0,002	0,012	0,073	FALSE
0,079	0,290	0,002	0,009	0,076	FALSE
0,159	0,291	0,004	0,013	0,141	FALSE
0,131	0,290	0,002	0,010	0,071	FALSE
-0,151	0,272	-0,004	0,008	0,229	FALSE
0,047	0,282	0,000	0,007	0,002	FALSE
-0,108	0,291	-0,001	0,007	0,069	FALSE
0,031	0,288	0,001	0,011	0,018	FALSE
0,208	0,292	0,006	0,012	0,226	FALSE
0,009	0,281	0,000	0,014	0,004	FALSE
0,112	0,282	0,005	0,014	0,151	FALSE
0,166	0,282	0,005	0,011	0,185	FALSE
0,071	0,303	0,001	0,007	0,043	FALSE
-0,012	0,287	0,001	0,008	0,049	FALSE
-0,028	0,271	0,000	0,011	0,005	FALSE
-0,075	0,287	-0,002	0,014	0,052	FALSE
0,091	0,287	0,001	0,008	0,045	FALSE
0,102	0,288	0,007	0,013	0,231	FALSE
0,053	0,291	0,000	0,012	0,008	FALSE
-0,118	0,286	-0,006	0,013	0,177	FALSE
0,088	0,288	0,003	0,010	0,113	FALSE
-0,064	0,282	-0,002	0,013	0,066	FALSE
0,093	0,282	0,005	0,014	0,149	FALSE
-0,034	0,270	-0,002	0,009	0,083	FALSE
0,019	0,304	-0,001	0,015	0,015	FALSE
0,029	0,283	0,001	0,007	0,029	FALSE
-0,104	0,284	-0,004	0,011	0,135	FALSE
-0,107	0,293	-0,003	0,010	0,125	FALSE
0,049	0,298	0,002	0,011	0,079	FALSE
-0,141	0,283	-0,004	0,010	0,159	FALSE
0,032	0,275	-0,002	0,012	0,049	FALSE
0,066	0,291	0,000	0,015	0,010	FALSE
-0,027	0,286	-0,001	0,007	0,031	FALSE
0,121	0,274	0,002	0,007	0,124	FALSE
0,130	0,287	0,002	0,012	0,069	FALSE
0,160	0,268	0,003	0,010	0,117	FALSE
-0,082	0,291	-0,002	0,009	0,083	FALSE
0,049	0,295	0,002	0,013	0,064	FALSE
-0,035	0,290	-0,001	0,010	0,025	FALSE
-0,094	0,278	-0,002	0,007	0,089	FALSE
0,053	0,272	0,001	0,007	0,027	FALSE
0,217	0,283	0,007	0,009	0,309	FALSE
0,052	0,284	0,002	0,014	0,062	FALSE
-0,077	0,281	-0,003	0,013	0,097	FALSE
-0,036	0,287	-0,002	0,013	0,063	FALSE
-0,097	0,304	-0,003	0,015	0,067	FALSE
-0,011	0,283	-0,002	0,009	0,080	FALSE
-0,184	0,282	-0,005	0,009	0,245	FALSE
0,079	0,288	0,003	0,011	0,089	FALSE
-0,122	0,293	-0,005	0,015	0,129	FALSE

-0,032	0,300	-0,001	0,009	0,036	FALSE
-0,055	0,295	-0,002	0,008	0,075	FALSE
0,093	0,273	0,005	0,014	0,144	FALSE
0,074	0,289	0,001	0,007	0,050	FALSE
0,008	0,286	0,000	0,009	0,012	FALSE
-0,115	0,296	-0,008	0,015	0,231	FALSE
-0,118	0,286	-0,002	0,007	0,115	FALSE
-0,175	0,287	-0,004	0,008	0,199	FALSE
0,036	0,295	0,002	0,012	0,080	FALSE
0,322	0,253	0,009	0,009	0,451	FALSE
0,083	0,277	0,004	0,010	0,146	FALSE
0,039	0,295	0,000	0,013	0,004	FALSE
0,141	0,279	0,005	0,012	0,188	FALSE
0,106	0,281	0,005	0,013	0,151	FALSE
0,000	0,289	0,002	0,013	0,061	FALSE
-0,115	0,283	-0,003	0,010	0,102	FALSE
-0,066	0,278	-0,001	0,008	0,032	FALSE
-0,151	0,279	-0,007	0,012	0,259	FALSE
-0,012	0,294	0,002	0,015	0,038	FALSE
-0,167	0,282	-0,007	0,012	0,279	FALSE
-0,009	0,275	0,001	0,015	0,019	FALSE
0,064	0,289	0,001	0,012	0,035	FALSE
-0,156	0,276	-0,007	0,014	0,208	FALSE
0,042	0,292	0,001	0,009	0,058	FALSE
-0,035	0,289	-0,001	0,011	0,020	FALSE
-0,055	0,292	-0,002	0,010	0,064	FALSE
0,130	0,281	0,005	0,011	0,175	FALSE
-0,017	0,290	-0,001	0,010	0,031	FALSE
0,025	0,284	0,001	0,008	0,047	FALSE
-0,024	0,292	0,000	0,014	0,006	FALSE
0,023	0,285	0,001	0,007	0,056	FALSE
0,114	0,288	0,003	0,011	0,098	FALSE
0,056	0,276	0,002	0,011	0,061	FALSE
0,075	0,285	0,002	0,009	0,092	FALSE
-0,114	0,283	-0,003	0,007	0,182	FALSE
0,154	0,278	0,005	0,011	0,167	FALSE
-0,146	0,264	-0,003	0,007	0,137	FALSE
0,122	0,283	0,005	0,010	0,218	FALSE
-0,117	0,274	-0,004	0,014	0,116	FALSE
-0,051	0,291	-0,001	0,014	0,025	FALSE
-0,054	0,286	0,000	0,014	0,003	FALSE
0,017	0,279	0,000	0,013	0,005	FALSE
0,008	0,294	-0,001	0,015	0,013	FALSE
0,010	0,290	0,000	0,007	0,007	FALSE
-0,043	0,278	0,000	0,007	0,018	FALSE
0,017	0,283	-0,002	0,013	0,046	FALSE
-0,164	0,274	-0,003	0,009	0,141	FALSE
0,086	0,294	0,003	0,015	0,081	FALSE
0,036	0,293	0,001	0,009	0,057	FALSE
0,089	0,288	0,003	0,015	0,089	FALSE
0,084	0,292	0,002	0,015	0,059	FALSE
0,072	0,279	0,001	0,014	0,022	FALSE
0,071	0,282	0,001	0,015	0,034	FALSE

-0,036	0,286	-0,001	0,010	0,043	FALSE
0,233	0,279	0,006	0,009	0,280	FALSE
0,026	0,289	0,001	0,010	0,021	FALSE
0,027	0,284	0,001	0,009	0,044	FALSE
0,001	0,298	0,000	0,008	0,001	FALSE
0,044	0,270	0,001	0,008	0,047	FALSE
-0,013	0,291	0,000	0,010	0,015	FALSE
-0,111	0,300	-0,005	0,014	0,123	FALSE
0,054	0,277	0,002	0,007	0,083	FALSE
0,140	0,293	0,004	0,011	0,167	FALSE
-0,027	0,291	0,000	0,014	0,007	FALSE
-0,057	0,279	0,000	0,010	0,004	FALSE
0,204	0,289	0,007	0,011	0,271	FALSE
-0,033	0,285	0,001	0,008	0,036	FALSE
-0,136	0,279	-0,005	0,009	0,221	FALSE
-0,173	0,267	-0,003	0,008	0,164	FALSE
-0,072	0,289	-0,001	0,009	0,049	FALSE
0,110	0,290	0,007	0,013	0,229	FALSE
-0,103	0,287	-0,002	0,008	0,083	FALSE
-0,088	0,295	-0,001	0,008	0,062	FALSE
-0,009	0,295	0,000	0,007	0,021	FALSE
-0,156	0,277	-0,005	0,008	0,267	FALSE
0,020	0,286	0,002	0,009	0,069	FALSE
0,109	0,280	0,002	0,009	0,084	FALSE
0,014	0,283	-0,001	0,011	0,036	FALSE
-0,140	0,289	-0,007	0,015	0,203	FALSE
0,112	0,282	0,003	0,009	0,145	FALSE
0,252	0,264	0,007	0,010	0,318	FALSE
-0,062	0,285	-0,001	0,007	0,054	FALSE
-0,047	0,287	-0,002	0,011	0,067	FALSE
-0,064	0,281	-0,003	0,014	0,086	FALSE
0,032	0,266	0,001	0,011	0,021	FALSE
0,071	0,278	0,002	0,008	0,068	FALSE
0,020	0,285	0,001	0,007	0,034	FALSE
0,088	0,295	0,004	0,015	0,118	FALSE
0,046	0,283	0,001	0,010	0,031	FALSE
-0,004	0,299	-0,001	0,011	0,028	FALSE
-0,144	0,284	-0,006	0,012	0,211	FALSE
0,076	0,287	0,003	0,007	0,146	FALSE
-0,179	0,293	-0,006	0,010	0,244	FALSE
0,071	0,276	0,001	0,010	0,041	FALSE
0,173	0,281	0,005	0,008	0,265	FALSE
0,061	0,295	0,005	0,015	0,143	FALSE
-0,011	0,278	-0,001	0,009	0,047	FALSE
0,154	0,288	0,003	0,009	0,155	FALSE
-0,103	0,296	-0,002	0,009	0,082	FALSE
0,083	0,278	0,004	0,013	0,113	FALSE
0,089	0,289	0,002	0,010	0,060	FALSE
-0,127	0,290	-0,007	0,015	0,203	FALSE
0,014	0,287	0,003	0,009	0,111	FALSE
-0,002	0,274	0,002	0,008	0,103	FALSE
0,060	0,271	0,003	0,008	0,123	FALSE
0,064	0,267	0,003	0,009	0,140	FALSE

0,170	0,278	0,006	0,014	0,185	FALSE
0,125	0,283	0,005	0,014	0,140	FALSE
0,126	0,273	0,003	0,008	0,164	FALSE
-0,066	0,300	-0,003	0,009	0,122	FALSE
0,032	0,294	-0,001	0,015	0,018	FALSE
0,049	0,277	0,002	0,014	0,048	FALSE
0,056	0,290	0,002	0,015	0,038	FALSE
0,033	0,293	0,001	0,011	0,040	FALSE
0,071	0,294	0,002	0,009	0,101	FALSE
0,048	0,291	0,001	0,009	0,038	FALSE
-0,024	0,292	-0,001	0,011	0,031	FALSE
-0,049	0,265	0,000	0,014	0,010	FALSE
0,036	0,271	0,002	0,014	0,047	FALSE
-0,044	0,295	-0,001	0,014	0,026	FALSE
-0,095	0,291	-0,005	0,011	0,174	FALSE
-0,029	0,282	0,000	0,008	0,013	FALSE
-0,017	0,281	-0,001	0,009	0,036	FALSE
0,128	0,281	0,003	0,010	0,129	FALSE
0,018	0,288	0,001	0,008	0,023	FALSE
0,026	0,287	0,002	0,009	0,070	FALSE
0,027	0,296	0,001	0,009	0,022	FALSE
0,028	0,297	0,001	0,010	0,051	FALSE
0,033	0,300	0,001	0,011	0,035	FALSE
-0,098	0,283	-0,002	0,013	0,064	FALSE
-0,193	0,295	-0,005	0,009	0,242	FALSE
0,089	0,275	0,001	0,009	0,045	FALSE
-0,148	0,277	-0,006	0,013	0,193	FALSE
0,062	0,276	0,002	0,012	0,054	FALSE
-0,025	0,273	-0,002	0,009	0,088	FALSE
0,118	0,280	0,005	0,013	0,155	FALSE
-0,024	0,292	-0,001	0,008	0,039	FALSE
-0,074	0,280	-0,001	0,008	0,045	FALSE
0,018	0,309	0,001	0,007	0,039	FALSE
0,016	0,299	0,001	0,014	0,029	FALSE
0,083	0,298	0,003	0,014	0,091	FALSE
0,090	0,284	0,003	0,014	0,096	FALSE
0,049	0,284	0,000	0,014	0,012	FALSE
-0,172	0,274	-0,006	0,011	0,261	FALSE
0,183	0,265	0,006	0,011	0,225	FALSE
0,004	0,285	0,001	0,007	0,037	FALSE
0,036	0,273	0,000	0,008	0,021	FALSE
0,124	0,276	0,006	0,014	0,157	FALSE
0,218	0,277	0,006	0,008	0,308	FALSE
0,226	0,278	0,007	0,012	0,245	FALSE
-0,137	0,289	-0,002	0,009	0,093	FALSE
-0,119	0,276	-0,004	0,011	0,153	FALSE
-0,114	0,292	-0,007	0,014	0,222	FALSE
0,097	0,295	0,004	0,009	0,175	FALSE
0,024	0,275	0,000	0,008	0,006	FALSE
-0,079	0,298	-0,003	0,014	0,091	FALSE
0,108	0,276	0,003	0,012	0,098	FALSE
-0,052	0,278	-0,001	0,010	0,030	FALSE
0,194	0,272	0,004	0,009	0,203	FALSE

0,061	0,286	0,003	0,009	0,128	FALSE
0,112	0,290	0,004	0,014	0,128	FALSE
0,085	0,276	0,001	0,014	0,019	FALSE
0,048	0,286	0,005	0,013	0,153	FALSE
0,022	0,286	0,001	0,008	0,040	FALSE
0,016	0,282	0,003	0,015	0,070	FALSE
-0,127	0,284	-0,003	0,007	0,163	FALSE
-0,134	0,285	-0,003	0,007	0,181	FALSE
-0,058	0,283	-0,001	0,009	0,062	FALSE
0,033	0,296	0,000	0,013	0,010	FALSE
-0,033	0,271	-0,001	0,012	0,046	FALSE
-0,111	0,270	-0,003	0,014	0,094	FALSE
0,126	0,290	0,006	0,011	0,231	FALSE
0,006	0,282	-0,001	0,011	0,037	FALSE
0,042	0,279	0,000	0,012	0,001	FALSE
-0,056	0,274	-0,001	0,009	0,027	FALSE
-0,064	0,283	-0,001	0,009	0,033	FALSE
-0,052	0,287	0,000	0,009	0,016	FALSE
-0,054	0,271	0,000	0,009	0,013	FALSE
-0,029	0,300	0,000	0,010	0,014	FALSE
-0,043	0,281	-0,001	0,015	0,020	FALSE
0,181	0,268	0,008	0,015	0,216	FALSE
-0,060	0,298	-0,002	0,011	0,057	FALSE
0,050	0,290	0,004	0,012	0,128	FALSE
-0,133	0,281	-0,004	0,013	0,119	FALSE
0,007	0,284	0,000	0,008	0,021	FALSE
0,203	0,282	0,005	0,008	0,315	FALSE
0,026	0,278	0,000	0,008	0,005	FALSE
-0,054	0,284	-0,003	0,008	0,152	FALSE
-0,067	0,287	0,001	0,013	0,037	FALSE
0,031	0,281	0,003	0,010	0,132	FALSE
-0,049	0,289	-0,001	0,007	0,051	FALSE
0,028	0,291	0,002	0,008	0,077	FALSE
0,080	0,273	0,002	0,014	0,057	FALSE
-0,087	0,287	-0,002	0,009	0,084	FALSE
-0,009	0,271	0,000	0,009	0,011	FALSE
0,050	0,268	0,004	0,013	0,124	FALSE
0,229	0,268	0,010	0,013	0,328	FALSE
-0,084	0,268	-0,006	0,013	0,175	FALSE
-0,016	0,284	0,000	0,009	0,001	FALSE
-0,012	0,295	-0,001	0,009	0,056	FALSE
0,165	0,290	0,003	0,009	0,142	FALSE
-0,077	0,291	-0,002	0,008	0,087	FALSE
-0,040	0,280	-0,002	0,012	0,080	FALSE
0,112	0,294	0,005	0,014	0,133	FALSE
-0,002	0,272	0,000	0,013	0,002	FALSE
0,041	0,300	0,003	0,009	0,124	FALSE
-0,079	0,289	-0,003	0,009	0,127	FALSE
0,059	0,296	0,003	0,009	0,120	FALSE
-0,037	0,296	0,000	0,009	0,017	FALSE
0,067	0,277	0,002	0,008	0,072	FALSE
-0,055	0,287	-0,001	0,014	0,021	FALSE
0,115	0,290	0,002	0,008	0,113	FALSE

-0,035	0,278	-0,003	0,009	0,118	FALSE
-0,057	0,273	-0,002	0,007	0,088	FALSE
-0,157	0,273	-0,004	0,008	0,197	FALSE
-0,084	0,285	-0,001	0,008	0,038	FALSE
0,164	0,305	0,004	0,010	0,161	FALSE
0,156	0,285	0,005	0,012	0,158	FALSE
0,164	0,281	0,005	0,012	0,164	FALSE
0,048	0,270	0,001	0,013	0,022	FALSE
0,075	0,285	0,001	0,011	0,049	FALSE
0,054	0,295	0,001	0,008	0,065	FALSE
0,068	0,293	0,002	0,008	0,080	FALSE
0,167	0,289	0,004	0,010	0,180	FALSE
-0,171	0,270	-0,005	0,014	0,158	FALSE
-0,116	0,289	-0,003	0,013	0,098	FALSE
-0,059	0,275	-0,002	0,007	0,117	FALSE
-0,074	0,294	-0,003	0,008	0,130	FALSE
0,157	0,291	0,003	0,008	0,178	FALSE
0,249	0,263	0,013	0,014	0,423	FALSE
0,092	0,286	0,003	0,007	0,139	FALSE
0,164	0,283	0,005	0,009	0,217	TRUE
0,194	0,277	0,007	0,011	0,284	FALSE
0,036	0,287	-0,001	0,009	0,038	FALSE
0,032	0,265	0,004	0,013	0,137	FALSE
0,016	0,276	0,000	0,013	0,010	FALSE
0,051	0,300	0,001	0,011	0,016	FALSE
-0,130	0,275	-0,005	0,011	0,193	FALSE
0,121	0,289	0,005	0,010	0,198	FALSE
0,051	0,280	0,004	0,014	0,101	FALSE
0,013	0,297	0,001	0,010	0,054	FALSE
-0,002	0,282	0,001	0,013	0,017	FALSE
0,143	0,284	0,005	0,011	0,195	FALSE
0,231	0,290	0,007	0,008	0,363	FALSE
-0,060	0,280	0,000	0,008	0,006	FALSE
0,017	0,284	-0,001	0,008	0,045	FALSE
-0,031	0,291	-0,002	0,015	0,050	FALSE
0,130	0,274	0,001	0,008	0,043	FALSE
0,053	0,279	-0,004	0,015	0,093	FALSE
0,042	0,271	-0,001	0,010	0,035	FALSE
-0,040	0,294	-0,001	0,008	0,064	FALSE
-0,010	0,284	-0,001	0,008	0,029	FALSE
0,022	0,284	0,003	0,011	0,127	FALSE
0,010	0,289	-0,001	0,015	0,027	FALSE
0,021	0,295	0,003	0,011	0,104	FALSE
0,016	0,279	0,003	0,010	0,128	FALSE
-0,047	0,278	0,001	0,014	0,036	FALSE
-0,128	0,282	-0,004	0,012	0,119	FALSE
0,065	0,274	0,003	0,009	0,123	FALSE
0,013	0,288	0,000	0,013	0,007	FALSE
-0,099	0,280	-0,005	0,013	0,169	FALSE
0,282	0,274	0,016	0,015	0,538	FALSE
-0,087	0,291	-0,001	0,009	0,062	FALSE
0,167	0,295	0,006	0,014	0,195	FALSE
0,260	0,284	0,014	0,014	0,504	FALSE

0,156	0,292	0,006	0,010	0,257	FALSE
0,116	0,288	0,003	0,009	0,120	FALSE
0,126	0,290	0,005	0,010	0,228	FALSE
-0,072	0,282	-0,004	0,008	0,198	FALSE
-0,029	0,297	0,000	0,008	0,008	FALSE
0,104	0,291	0,003	0,011	0,092	FALSE
-0,108	0,290	-0,003	0,008	0,123	FALSE
0,105	0,283	0,002	0,008	0,103	FALSE
-0,067	0,291	-0,002	0,010	0,085	FALSE
-0,039	0,292	0,001	0,010	0,019	FALSE
0,138	0,272	0,006	0,013	0,190	FALSE
-0,028	0,284	-0,001	0,010	0,044	FALSE
0,099	0,290	0,002	0,008	0,119	FALSE
0,077	0,297	0,003	0,010	0,107	FALSE
0,053	0,284	0,004	0,010	0,150	FALSE
0,089	0,286	0,001	0,010	0,053	FALSE
0,123	0,269	0,003	0,010	0,112	FALSE
0,116	0,293	0,002	0,010	0,084	FALSE
0,115	0,279	0,002	0,009	0,093	FALSE
-0,090	0,291	-0,003	0,010	0,126	FALSE
-0,114	0,291	-0,003	0,009	0,115	FALSE
0,059	0,298	0,003	0,009	0,146	FALSE
0,004	0,285	0,000	0,011	0,003	FALSE
0,099	0,295	0,003	0,012	0,097	FALSE
0,079	0,286	0,004	0,010	0,173	FALSE
0,012	0,276	0,001	0,013	0,015	FALSE
-0,056	0,293	-0,002	0,015	0,056	FALSE
0,165	0,288	0,006	0,013	0,200	FALSE
-0,116	0,286	-0,007	0,013	0,225	FALSE
0,055	0,285	0,002	0,011	0,055	FALSE
-0,180	0,283	-0,004	0,008	0,195	FALSE
0,113	0,290	0,003	0,014	0,084	FALSE
0,119	0,277	0,002	0,009	0,077	FALSE
0,060	0,278	0,002	0,007	0,116	FALSE
-0,120	0,282	-0,003	0,010	0,110	FALSE
0,155	0,276	0,004	0,013	0,137	FALSE
0,150	0,277	0,004	0,013	0,124	FALSE
0,177	0,272	0,005	0,012	0,169	FALSE
0,170	0,278	0,006	0,013	0,175	FALSE
0,165	0,286	0,007	0,009	0,368	FALSE
0,167	0,289	0,008	0,009	0,403	FALSE
0,009	0,285	0,000	0,008	0,022	FALSE
0,027	0,300	0,001	0,012	0,032	FALSE
0,132	0,281	0,004	0,010	0,145	FALSE
0,053	0,294	0,002	0,013	0,053	FALSE
0,072	0,269	0,001	0,009	0,025	FALSE
0,023	0,301	0,000	0,012	0,007	FALSE
-0,066	0,293	0,000	0,009	0,008	FALSE
0,216	0,286	0,008	0,013	0,273	FALSE
-0,129	0,285	-0,006	0,012	0,205	FALSE
0,266	0,271	0,011	0,013	0,409	FALSE
0,078	0,291	0,003	0,010	0,119	FALSE
-0,090	0,289	-0,004	0,013	0,121	FALSE

0,023	0,275	0,000	0,013	0,001	FALSE
0,059	0,266	0,000	0,009	0,001	FALSE
-0,003	0,292	0,000	0,013	0,005	FALSE
0,060	0,284	0,003	0,014	0,078	FALSE
-0,055	0,290	-0,001	0,011	0,039	FALSE
-0,169	0,264	-0,003	0,007	0,157	FALSE
-0,033	0,278	-0,002	0,008	0,083	FALSE
-0,011	0,282	-0,001	0,014	0,036	FALSE
0,004	0,287	0,000	0,014	0,008	FALSE
-0,112	0,279	-0,003	0,009	0,117	FALSE
-0,067	0,306	-0,001	0,009	0,039	FALSE
-0,071	0,293	-0,006	0,015	0,154	FALSE
-0,007	0,287	-0,003	0,015	0,075	FALSE
0,036	0,290	0,001	0,013	0,040	FALSE
0,052	0,305	0,003	0,014	0,072	FALSE
0,109	0,299	0,002	0,008	0,083	FALSE
-0,044	0,283	-0,001	0,014	0,035	FALSE
-0,043	0,282	-0,001	0,007	0,059	FALSE
-0,159	0,285	-0,005	0,009	0,214	FALSE
0,094	0,289	0,003	0,015	0,074	FALSE
-0,182	0,282	-0,008	0,014	0,254	FALSE
-0,104	0,276	-0,003	0,010	0,125	FALSE
0,040	0,285	0,001	0,013	0,032	FALSE
0,153	0,280	0,004	0,010	0,167	FALSE
0,104	0,286	0,004	0,014	0,123	FALSE
-0,093	0,297	-0,002	0,011	0,068	FALSE
0,070	0,298	0,003	0,008	0,143	FALSE
0,057	0,266	0,000	0,013	0,002	FALSE
-0,027	0,287	-0,001	0,008	0,068	FALSE
-0,032	0,283	-0,002	0,011	0,074	FALSE
0,081	0,290	0,001	0,010	0,048	FALSE
0,025	0,279	0,000	0,009	0,006	FALSE
0,061	0,292	0,006	0,015	0,171	FALSE
-0,060	0,290	0,000	0,013	0,001	FALSE
0,054	0,292	0,000	0,008	0,021	FALSE
0,012	0,294	0,002	0,009	0,072	FALSE
-0,042	0,295	-0,001	0,014	0,032	FALSE
-0,042	0,298	-0,001	0,010	0,018	FALSE
0,007	0,280	0,000	0,014	0,001	FALSE
0,018	0,283	0,001	0,012	0,042	FALSE
0,181	0,292	0,007	0,011	0,264	FALSE
-0,134	0,289	-0,003	0,013	0,101	FALSE
-0,010	0,287	0,000	0,011	0,005	FALSE
-0,167	0,280	-0,003	0,008	0,148	FALSE
0,188	0,280	0,005	0,008	0,242	FALSE
0,157	0,282	0,005	0,008	0,232	FALSE
0,087	0,302	0,003	0,008	0,123	FALSE
-0,037	0,290	0,000	0,008	0,007	FALSE
-0,025	0,285	-0,002	0,011	0,060	FALSE
-0,097	0,286	-0,003	0,009	0,135	FALSE
-0,077	0,286	-0,002	0,011	0,083	FALSE
-0,013	0,289	-0,001	0,011	0,048	FALSE
-0,142	0,291	-0,005	0,014	0,129	FALSE

0,167	0,284	0,007	0,014	0,195	FALSE
-0,025	0,290	-0,001	0,011	0,019	FALSE
0,066	0,278	0,002	0,008	0,091	FALSE
0,161	0,284	0,005	0,012	0,175	FALSE
0,085	0,275	0,003	0,011	0,120	FALSE
0,059	0,294	0,005	0,013	0,138	FALSE
0,016	0,289	0,000	0,009	0,010	FALSE
0,113	0,280	0,004	0,008	0,180	FALSE
-0,053	0,282	-0,003	0,010	0,125	FALSE
0,001	0,287	-0,002	0,007	0,081	FALSE
0,015	0,293	-0,001	0,007	0,052	FALSE
0,039	0,295	0,000	0,010	0,017	FALSE
-0,011	0,282	0,001	0,013	0,031	FALSE
0,157	0,282	0,004	0,009	0,179	FALSE
-0,027	0,276	-0,002	0,008	0,073	FALSE
0,042	0,294	0,001	0,011	0,028	FALSE
-0,021	0,272	-0,003	0,010	0,138	FALSE
-0,028	0,286	-0,003	0,010	0,132	FALSE
-0,063	0,289	-0,001	0,008	0,062	FALSE
0,087	0,292	0,003	0,014	0,084	FALSE
-0,161	0,274	-0,008	0,014	0,263	FALSE
-0,097	0,281	-0,004	0,014	0,118	FALSE
-0,160	0,294	-0,009	0,014	0,261	FALSE
0,264	0,267	0,007	0,009	0,331	FALSE
-0,051	0,283	-0,005	0,015	0,130	FALSE
-0,061	0,297	-0,001	0,008	0,061	FALSE
0,105	0,271	0,002	0,010	0,057	FALSE
-0,036	0,284	-0,003	0,012	0,089	FALSE
0,171	0,283	0,005	0,009	0,209	FALSE
0,089	0,282	0,003	0,012	0,101	FALSE
0,198	0,281	0,005	0,008	0,277	FALSE
0,132	0,270	0,006	0,014	0,191	FALSE
0,047	0,283	0,002	0,007	0,103	FALSE
-0,033	0,283	-0,001	0,009	0,052	FALSE
-0,070	0,296	-0,003	0,014	0,076	FALSE
0,001	0,287	0,001	0,009	0,023	FALSE
-0,059	0,282	-0,002	0,009	0,078	FALSE
0,008	0,293	0,001	0,010	0,051	FALSE
0,091	0,267	0,001	0,009	0,057	FALSE
-0,108	0,288	-0,005	0,011	0,178	FALSE
0,044	0,277	0,000	0,009	0,014	FALSE
0,018	0,284	0,001	0,008	0,041	FALSE
0,088	0,307	0,003	0,009	0,128	FALSE
0,052	0,287	0,003	0,013	0,089	FALSE
0,074	0,279	0,001	0,008	0,059	FALSE
-0,075	0,288	-0,004	0,012	0,144	FALSE
-0,027	0,287	0,000	0,014	0,006	FALSE
-0,036	0,294	-0,002	0,008	0,089	FALSE
0,213	0,283	0,005	0,008	0,265	FALSE
0,143	0,281	0,002	0,009	0,091	FALSE
0,072	0,293	0,002	0,007	0,087	FALSE
-0,005	0,280	-0,002	0,012	0,059	FALSE
-0,230	0,279	-0,006	0,009	0,296	FALSE

0,020	0,291	0,000	0,009	0,006	FALSE
0,023	0,309	0,001	0,007	0,033	FALSE
0,163	0,268	0,005	0,010	0,204	FALSE
-0,061	0,287	-0,001	0,009	0,046	FALSE
0,125	0,286	0,004	0,014	0,108	FALSE
0,148	0,295	0,005	0,014	0,147	FALSE
-0,117	0,274	-0,005	0,008	0,239	FALSE
0,012	0,282	0,001	0,008	0,047	FALSE
0,086	0,290	0,003	0,014	0,073	FALSE
0,187	0,286	0,004	0,009	0,179	FALSE
0,024	0,295	0,002	0,008	0,105	FALSE
0,033	0,297	0,002	0,009	0,100	FALSE
-0,068	0,286	-0,005	0,013	0,148	FALSE
0,173	0,282	0,005	0,009	0,225	FALSE
0,165	0,275	0,008	0,014	0,234	FALSE
0,144	0,273	0,006	0,015	0,176	FALSE
-0,027	0,282	-0,001	0,009	0,036	FALSE
0,172	0,271	0,008	0,014	0,239	FALSE
0,001	0,302	-0,002	0,015	0,046	FALSE
-0,029	0,308	0,000	0,012	0,002	FALSE
-0,114	0,281	-0,004	0,014	0,102	FALSE
0,009	0,291	0,000	0,012	0,008	FALSE
0,012	0,290	0,001	0,008	0,053	FALSE
-0,039	0,282	-0,001	0,011	0,027	FALSE
-0,076	0,275	-0,003	0,011	0,095	FALSE
-0,003	0,297	0,001	0,011	0,026	FALSE
-0,144	0,282	-0,005	0,010	0,211	FALSE
-0,003	0,294	0,001	0,011	0,032	FALSE
0,006	0,284	0,000	0,011	0,010	FALSE
0,016	0,268	0,002	0,011	0,068	FALSE
0,088	0,273	0,001	0,009	0,061	FALSE
0,109	0,279	0,003	0,009	0,157	FALSE
0,025	0,288	0,002	0,011	0,056	FALSE
-0,048	0,286	0,000	0,014	0,008	FALSE
0,147	0,283	0,006	0,014	0,192	FALSE
0,122	0,290	0,004	0,010	0,186	FALSE
-0,130	0,301	-0,007	0,015	0,199	FALSE
0,007	0,278	0,001	0,013	0,031	FALSE
0,031	0,284	0,001	0,009	0,044	FALSE
-0,071	0,300	-0,004	0,009	0,170	FALSE
-0,111	0,290	-0,004	0,013	0,112	FALSE
-0,051	0,295	0,000	0,009	0,001	FALSE
0,199	0,292	0,004	0,008	0,210	FALSE
0,028	0,284	0,002	0,014	0,039	FALSE
0,137	0,273	0,005	0,011	0,195	FALSE
-0,056	0,274	-0,001	0,013	0,029	FALSE
-0,040	0,302	-0,002	0,014	0,042	FALSE
0,047	0,298	0,001	0,008	0,063	FALSE
-0,171	0,280	-0,006	0,009	0,267	FALSE
0,043	0,286	0,001	0,009	0,034	FALSE
-0,074	0,279	-0,001	0,014	0,018	FALSE
-0,050	0,302	0,000	0,011	0,000	FALSE
0,070	0,298	0,002	0,012	0,047	FALSE

0,075	0,293	0,003	0,008	0,128	FALSE
0,033	0,287	0,001	0,008	0,022	FALSE
-0,055	0,288	-0,001	0,008	0,024	FALSE
0,054	0,296	0,001	0,011	0,043	FALSE
0,043	0,298	0,001	0,011	0,027	FALSE
-0,032	0,303	0,000	0,013	0,008	FALSE
-0,034	0,277	0,000	0,013	0,002	FALSE
-0,070	0,297	-0,003	0,010	0,116	FALSE
0,047	0,311	0,002	0,008	0,117	FALSE
-0,149	0,295	-0,004	0,011	0,145	FALSE
0,016	0,297	0,000	0,010	0,002	FALSE
-0,105	0,286	-0,003	0,010	0,110	FALSE
-0,141	0,283	-0,003	0,009	0,116	FALSE
-0,138	0,278	-0,004	0,009	0,184	FALSE
-0,063	0,273	-0,005	0,014	0,142	FALSE
0,017	0,292	0,002	0,013	0,050	FALSE
0,025	0,286	0,000	0,008	0,014	FALSE
0,015	0,284	0,000	0,008	0,016	FALSE
0,147	0,279	0,004	0,009	0,179	FALSE
-0,022	0,293	0,001	0,011	0,030	FALSE
-0,060	0,288	-0,006	0,015	0,156	FALSE
0,094	0,284	0,002	0,009	0,076	FALSE
0,064	0,296	0,002	0,011	0,083	FALSE
0,061	0,292	0,003	0,012	0,076	FALSE
0,108	0,280	0,005	0,014	0,128	FALSE
0,131	0,285	0,006	0,015	0,160	FALSE
0,102	0,298	0,005	0,016	0,121	FALSE
0,037	0,285	0,002	0,008	0,092	FALSE
0,207	0,280	0,006	0,011	0,238	FALSE
0,020	0,283	-0,001	0,014	0,021	FALSE
0,078	0,285	0,002	0,010	0,053	FALSE
-0,114	0,276	-0,002	0,007	0,131	FALSE
-0,106	0,284	-0,002	0,007	0,112	FALSE
-0,063	0,288	-0,002	0,008	0,117	FALSE
0,006	0,287	-0,001	0,011	0,024	FALSE
0,027	0,279	0,000	0,010	0,016	FALSE
-0,124	0,277	-0,004	0,007	0,236	FALSE
-0,039	0,294	-0,005	0,014	0,127	FALSE
-0,035	0,294	-0,004	0,015	0,092	FALSE
0,047	0,292	0,004	0,011	0,138	FALSE
-0,057	0,275	-0,002	0,008	0,073	FALSE
0,093	0,280	0,003	0,010	0,100	FALSE
-0,116	0,290	-0,004	0,014	0,095	FALSE
0,010	0,283	0,002	0,012	0,054	FALSE
0,120	0,288	0,003	0,008	0,134	FALSE
0,117	0,302	0,006	0,012	0,194	FALSE
-0,073	0,290	-0,004	0,011	0,150	FALSE
0,080	0,286	0,004	0,014	0,106	FALSE
-0,010	0,273	-0,001	0,010	0,039	FALSE
0,100	0,288	0,004	0,014	0,120	FALSE
0,055	0,290	0,003	0,015	0,064	FALSE
0,085	0,293	0,004	0,014	0,106	FALSE
0,110	0,300	0,002	0,009	0,084	FALSE

-0,022	0,283	0,000	0,013	0,002	FALSE
-0,120	0,284	-0,002	0,009	0,104	FALSE
0,018	0,294	0,001	0,012	0,040	FALSE
0,143	0,285	0,002	0,008	0,119	FALSE
-0,066	0,281	-0,003	0,012	0,103	FALSE
-0,143	0,275	-0,010	0,014	0,296	FALSE
0,168	0,285	0,009	0,014	0,275	FALSE
-0,081	0,288	-0,006	0,015	0,160	FALSE
0,011	0,285	0,001	0,008	0,025	FALSE
0,067	0,296	0,002	0,011	0,055	FALSE
0,072	0,288	0,002	0,010	0,079	FALSE
0,056	0,290	0,002	0,011	0,049	FALSE
0,040	0,297	0,001	0,009	0,030	FALSE
0,038	0,277	0,002	0,014	0,057	FALSE
-0,004	0,270	0,001	0,009	0,033	FALSE
0,058	0,290	0,001	0,009	0,058	FALSE
-0,019	0,280	-0,001	0,013	0,026	FALSE
-0,023	0,296	-0,001	0,011	0,029	FALSE
-0,020	0,276	-0,002	0,014	0,044	FALSE
0,016	0,302	0,000	0,010	0,000	FALSE
0,060	0,291	0,001	0,008	0,050	FALSE
0,017	0,278	0,000	0,009	0,014	FALSE
-0,030	0,280	0,001	0,010	0,049	FALSE
0,010	0,292	0,001	0,010	0,052	FALSE
0,036	0,280	0,001	0,014	0,020	FALSE
0,053	0,286	0,001	0,009	0,060	FALSE
0,095	0,307	0,004	0,010	0,155	FALSE
-0,084	0,291	-0,002	0,008	0,106	FALSE
-0,136	0,283	-0,003	0,007	0,171	FALSE
0,118	0,284	0,002	0,008	0,087	FALSE
-0,020	0,286	-0,001	0,008	0,049	FALSE
0,035	0,287	0,000	0,008	0,000	FALSE
-0,011	0,287	-0,001	0,008	0,028	FALSE
0,093	0,287	0,005	0,011	0,194	FALSE
-0,033	0,296	0,000	0,014	0,000	FALSE
0,052	0,284	0,004	0,014	0,120	FALSE
-0,126	0,280	-0,003	0,008	0,172	FALSE
-0,170	0,278	-0,005	0,008	0,247	FALSE
0,109	0,275	0,005	0,013	0,161	FALSE
0,063	0,301	0,001	0,008	0,030	FALSE
-0,075	0,298	-0,003	0,014	0,074	FALSE
0,019	0,283	0,000	0,007	0,013	FALSE
-0,013	0,280	-0,003	0,012	0,111	FALSE
-0,098	0,276	-0,003	0,014	0,082	FALSE
0,086	0,304	0,002	0,011	0,066	FALSE
0,086	0,281	0,001	0,008	0,051	FALSE
-0,055	0,287	-0,002	0,008	0,087	FALSE
-0,011	0,287	0,000	0,011	0,010	FALSE
0,111	0,293	0,003	0,008	0,162	FALSE
0,089	0,291	0,005	0,011	0,173	FALSE
-0,113	0,289	-0,005	0,012	0,158	FALSE
-0,098	0,286	-0,001	0,007	0,076	FALSE
0,116	0,277	0,002	0,007	0,115	FALSE

0,075	0,276	0,005	0,013	0,169	FALSE
-0,043	0,284	-0,002	0,008	0,115	FALSE
-0,006	0,294	-0,001	0,015	0,029	FALSE
-0,009	0,290	-0,002	0,013	0,051	FALSE
-0,019	0,292	-0,002	0,012	0,071	FALSE
-0,005	0,278	0,000	0,014	0,005	FALSE
-0,044	0,279	-0,004	0,015	0,108	FALSE
-0,016	0,274	-0,001	0,010	0,029	FALSE
-0,140	0,288	-0,003	0,009	0,152	FALSE
-0,136	0,270	-0,002	0,011	0,079	FALSE
-0,008	0,290	0,001	0,014	0,030	FALSE
-0,094	0,274	-0,003	0,009	0,140	FALSE
0,054	0,287	0,001	0,008	0,027	FALSE
0,001	0,281	0,001	0,008	0,043	FALSE
-0,038	0,282	-0,003	0,011	0,103	FALSE
-0,149	0,283	-0,003	0,008	0,169	FALSE
-0,140	0,280	-0,006	0,015	0,172	FALSE
-0,210	0,291	-0,006	0,012	0,191	FALSE
-0,156	0,277	-0,005	0,014	0,130	FALSE
-0,172	0,296	-0,006	0,014	0,162	FALSE
0,067	0,285	0,004	0,012	0,144	FALSE
0,006	0,292	0,000	0,011	0,015	FALSE
0,043	0,294	0,001	0,008	0,030	FALSE
-0,221	0,275	-0,005	0,007	0,288	FALSE
0,088	0,276	0,002	0,014	0,065	FALSE
0,090	0,289	0,004	0,015	0,103	FALSE
-0,050	0,287	-0,004	0,014	0,098	FALSE
0,058	0,275	0,003	0,012	0,106	FALSE
0,004	0,280	0,002	0,013	0,055	FALSE
-0,051	0,285	0,001	0,012	0,023	FALSE
0,052	0,307	0,001	0,011	0,044	FALSE
0,124	0,287	0,005	0,013	0,142	FALSE
0,233	0,279	0,013	0,015	0,409	FALSE
0,067	0,297	0,002	0,011	0,073	FALSE
0,070	0,282	0,002	0,010	0,075	FALSE
0,188	0,271	0,010	0,013	0,319	FALSE
0,011	0,272	-0,005	0,014	0,130	FALSE
-0,108	0,280	-0,001	0,009	0,021	FALSE
-0,102	0,282	0,000	0,015	0,011	FALSE
0,043	0,273	-0,003	0,015	0,089	FALSE
0,074	0,285	0,002	0,009	0,106	FALSE
0,029	0,302	0,001	0,012	0,021	FALSE
0,056	0,303	0,001	0,009	0,028	FALSE
0,032	0,300	0,002	0,010	0,063	FALSE
0,072	0,285	0,001	0,014	0,016	FALSE
-0,014	0,307	0,000	0,010	0,011	FALSE
-0,058	0,289	-0,003	0,014	0,081	FALSE
-0,029	0,288	-0,004	0,014	0,095	FALSE
0,104	0,284	0,004	0,014	0,125	FALSE
-0,099	0,304	-0,002	0,013	0,055	FALSE
-0,034	0,302	-0,003	0,015	0,078	FALSE
-0,045	0,288	-0,001	0,010	0,021	FALSE
-0,010	0,283	0,001	0,015	0,033	FALSE

-0,007	0,287	-0,001	0,009	0,031	FALSE
0,067	0,295	0,002	0,009	0,084	FALSE
0,143	0,272	0,003	0,010	0,113	FALSE
-0,059	0,287	-0,002	0,008	0,096	FALSE
0,215	0,278	0,006	0,010	0,255	FALSE
0,163	0,277	0,008	0,012	0,306	FALSE
-0,013	0,304	0,001	0,012	0,026	FALSE
-0,089	0,287	-0,003	0,007	0,145	FALSE
0,019	0,293	0,002	0,013	0,069	FALSE
0,134	0,290	0,009	0,015	0,256	FALSE
-0,132	0,281	-0,005	0,013	0,142	FALSE
0,146	0,285	0,003	0,008	0,168	FALSE
-0,081	0,283	-0,003	0,014	0,091	FALSE
0,010	0,283	0,001	0,012	0,015	FALSE
0,057	0,296	0,002	0,012	0,080	FALSE
-0,280	0,267	-0,014	0,015	0,488	FALSE
0,142	0,278	0,002	0,009	0,095	FALSE
0,128	0,289	0,002	0,009	0,074	FALSE
0,120	0,276	0,003	0,008	0,153	FALSE
0,109	0,291	0,006	0,013	0,179	FALSE
0,031	0,289	-0,001	0,015	0,025	FALSE
-0,010	0,308	-0,003	0,014	0,074	FALSE
-0,200	0,282	-0,006	0,011	0,241	FALSE
-0,058	0,281	-0,004	0,014	0,108	FALSE
-0,023	0,295	-0,002	0,012	0,056	FALSE
-0,010	0,294	-0,002	0,012	0,052	FALSE
-0,048	0,298	-0,001	0,010	0,029	FALSE
-0,064	0,286	-0,002	0,011	0,087	FALSE
-0,009	0,282	-0,001	0,009	0,031	FALSE
-0,094	0,278	-0,004	0,014	0,118	FALSE
0,224	0,284	0,011	0,015	0,340	FALSE
0,079	0,276	0,004	0,011	0,145	FALSE
0,220	0,270	0,012	0,014	0,395	FALSE
0,199	0,280	0,011	0,014	0,364	FALSE
0,064	0,301	0,002	0,011	0,072	FALSE
-0,148	0,275	-0,004	0,008	0,210	FALSE
-0,004	0,297	0,000	0,009	0,003	FALSE
-0,079	0,298	-0,004	0,012	0,138	FALSE
0,136	0,278	0,002	0,008	0,094	FALSE
-0,059	0,285	-0,002	0,010	0,080	FALSE
-0,128	0,297	-0,002	0,008	0,093	FALSE
0,044	0,290	0,000	0,016	0,001	FALSE
-0,020	0,289	0,000	0,009	0,010	FALSE
-0,146	0,275	-0,005	0,010	0,198	FALSE
-0,088	0,276	-0,007	0,013	0,215	FALSE
-0,009	0,286	0,000	0,011	0,011	FALSE
-0,054	0,290	-0,001	0,008	0,026	FALSE
0,006	0,298	0,001	0,008	0,032	FALSE
0,059	0,291	0,001	0,009	0,020	FALSE
0,074	0,283	0,001	0,007	0,060	FALSE
-0,027	0,291	0,001	0,009	0,028	FALSE
0,080	0,281	0,005	0,010	0,196	FALSE
-0,020	0,292	-0,001	0,008	0,062	FALSE

0,015	0,287	0,000	0,008	0,009	FALSE
-0,024	0,289	0,000	0,009	0,007	FALSE
0,111	0,290	0,003	0,008	0,148	FALSE
0,029	0,279	0,001	0,009	0,054	FALSE
0,012	0,290	0,001	0,009	0,021	FALSE
0,197	0,270	0,010	0,013	0,348	FALSE
0,138	0,280	0,006	0,012	0,209	FALSE
-0,087	0,284	-0,003	0,010	0,127	FALSE
-0,103	0,272	-0,003	0,012	0,097	FALSE
0,098	0,293	0,002	0,008	0,089	FALSE
0,048	0,298	0,001	0,013	0,039	FALSE
0,003	0,298	0,001	0,010	0,032	FALSE
0,011	0,283	0,001	0,009	0,030	FALSE
-0,045	0,291	-0,002	0,013	0,051	FALSE
0,022	0,293	0,001	0,008	0,034	FALSE
0,028	0,294	0,001	0,010	0,038	FALSE
0,074	0,289	0,002	0,009	0,076	FALSE
0,091	0,281	0,002	0,008	0,100	FALSE
-0,004	0,289	-0,002	0,014	0,044	FALSE
0,140	0,285	0,008	0,015	0,234	FALSE
-0,159	0,272	-0,009	0,014	0,300	FALSE
-0,147	0,280	-0,003	0,007	0,162	FALSE
0,022	0,287	0,002	0,012	0,071	FALSE
-0,019	0,286	0,000	0,009	0,012	FALSE
0,000	0,279	0,001	0,008	0,054	FALSE
-0,081	0,279	-0,003	0,008	0,133	FALSE
-0,034	0,286	0,001	0,015	0,034	FALSE
-0,016	0,276	-0,003	0,012	0,080	FALSE
0,029	0,302	0,001	0,008	0,037	FALSE
0,062	0,271	0,001	0,008	0,055	FALSE
-0,055	0,283	0,000	0,012	0,006	FALSE
0,155	0,282	0,003	0,008	0,167	FALSE
0,026	0,280	0,000	0,010	0,017	FALSE
-0,027	0,283	0,000	0,007	0,000	FALSE
0,052	0,294	0,001	0,007	0,069	FALSE
0,089	0,296	0,005	0,012	0,188	FALSE
0,083	0,276	0,005	0,012	0,169	FALSE
0,047	0,301	0,001	0,015	0,035	FALSE
-0,200	0,266	-0,007	0,014	0,220	FALSE
0,096	0,295	0,002	0,009	0,094	FALSE
-0,105	0,285	-0,002	0,007	0,087	FALSE
-0,082	0,280	-0,002	0,009	0,097	FALSE
0,059	0,288	0,003	0,010	0,140	FALSE
-0,040	0,292	-0,001	0,009	0,041	FALSE
0,176	0,278	0,003	0,008	0,183	FALSE
-0,162	0,291	-0,004	0,009	0,195	FALSE
0,158	0,290	0,005	0,014	0,146	FALSE
0,206	0,271	0,007	0,013	0,224	FALSE
0,135	0,290	0,002	0,009	0,063	FALSE
0,142	0,284	0,005	0,010	0,205	FALSE
-0,009	0,292	0,000	0,009	0,018	FALSE
-0,035	0,293	-0,004	0,014	0,105	FALSE
0,021	0,299	0,000	0,014	0,005	FALSE

-0,062	0,284	-0,003	0,008	0,129	FALSE
-0,049	0,293	-0,001	0,008	0,056	FALSE
-0,054	0,276	-0,001	0,011	0,040	FALSE
-0,033	0,278	-0,002	0,011	0,055	FALSE
-0,090	0,284	-0,002	0,013	0,072	FALSE
-0,008	0,288	-0,001	0,007	0,075	FALSE
-0,130	0,278	-0,002	0,009	0,095	FALSE
-0,013	0,285	-0,002	0,010	0,089	FALSE
0,048	0,291	0,001	0,011	0,019	FALSE
0,194	0,297	0,006	0,010	0,237	FALSE
0,057	0,289	0,004	0,015	0,098	FALSE
0,044	0,282	0,001	0,008	0,061	FALSE
-0,217	0,277	-0,006	0,010	0,280	FALSE
-0,001	0,292	0,000	0,014	0,003	FALSE
0,104	0,293	0,003	0,011	0,096	FALSE
-0,127	0,287	-0,005	0,010	0,203	FALSE
0,072	0,288	0,004	0,015	0,117	FALSE
-0,138	0,280	-0,005	0,012	0,171	FALSE
0,028	0,283	0,002	0,007	0,131	FALSE
-0,035	0,276	-0,005	0,015	0,123	FALSE
-0,085	0,288	-0,001	0,007	0,074	FALSE
-0,079	0,280	-0,002	0,008	0,100	FALSE
0,085	0,286	0,003	0,008	0,150	FALSE
0,063	0,291	0,002	0,012	0,056	FALSE
-0,063	0,280	0,000	0,008	0,016	FALSE
0,008	0,286	0,000	0,014	0,003	FALSE
-0,062	0,296	-0,004	0,011	0,130	FALSE
-0,084	0,282	-0,005	0,011	0,199	FALSE
-0,073	0,301	-0,004	0,010	0,136	FALSE
-0,061	0,301	-0,003	0,010	0,106	FALSE
0,028	0,301	0,002	0,015	0,056	FALSE
-0,039	0,284	-0,001	0,009	0,024	FALSE
-0,014	0,282	-0,002	0,008	0,073	FALSE
0,130	0,285	0,008	0,015	0,231	FALSE
-0,044	0,295	-0,001	0,013	0,035	FALSE
-0,144	0,281	-0,007	0,012	0,262	FALSE
0,063	0,283	0,001	0,009	0,026	FALSE
-0,003	0,294	-0,001	0,012	0,040	FALSE
-0,087	0,276	-0,001	0,008	0,069	FALSE
0,106	0,277	0,004	0,010	0,158	FALSE
-0,104	0,301	-0,002	0,009	0,080	FALSE
-0,053	0,287	0,000	0,014	0,011	FALSE
-0,115	0,289	-0,003	0,012	0,099	FALSE
-0,206	0,284	-0,005	0,010	0,217	FALSE
0,139	0,281	0,003	0,008	0,164	FALSE
-0,122	0,284	-0,005	0,011	0,200	FALSE
-0,061	0,289	-0,001	0,008	0,028	FALSE
-0,125	0,279	-0,002	0,007	0,118	FALSE
0,006	0,290	0,001	0,014	0,015	FALSE
-0,088	0,288	-0,003	0,009	0,133	FALSE
-0,114	0,282	-0,006	0,015	0,156	FALSE
-0,007	0,301	0,001	0,008	0,044	FALSE
-0,025	0,280	0,000	0,014	0,010	FALSE

0,009	0,291	-0,002	0,012	0,047	FALSE
-0,126	0,290	-0,006	0,010	0,245	FALSE
-0,042	0,278	-0,003	0,014	0,068	FALSE
-0,002	0,288	-0,001	0,015	0,029	FALSE
-0,120	0,304	-0,003	0,011	0,088	FALSE
0,164	0,284	0,006	0,013	0,179	FALSE
0,183	0,271	0,002	0,008	0,116	FALSE
0,039	0,283	0,001	0,007	0,049	FALSE
-0,095	0,285	-0,002	0,009	0,067	FALSE
-0,065	0,285	-0,004	0,014	0,113	FALSE
-0,066	0,284	-0,003	0,011	0,121	FALSE
-0,048	0,288	-0,001	0,012	0,040	FALSE
-0,028	0,283	0,000	0,013	0,004	FALSE
-0,112	0,304	-0,001	0,008	0,061	FALSE
-0,149	0,295	-0,007	0,014	0,202	FALSE
0,111	0,278	0,004	0,010	0,169	FALSE
-0,031	0,279	-0,004	0,010	0,146	FALSE
0,085	0,272	0,003	0,009	0,106	FALSE
-0,066	0,289	-0,001	0,008	0,041	FALSE
0,156	0,289	0,005	0,008	0,261	FALSE
0,087	0,289	0,004	0,009	0,199	FALSE
-0,134	0,281	-0,004	0,012	0,119	FALSE
0,043	0,279	0,004	0,011	0,153	FALSE
-0,032	0,305	-0,001	0,009	0,040	FALSE
-0,052	0,297	-0,001	0,009	0,036	FALSE
-0,022	0,287	0,000	0,010	0,015	FALSE
0,160	0,280	0,003	0,008	0,169	FALSE
0,054	0,281	0,003	0,011	0,107	FALSE
-0,201	0,282	-0,005	0,009	0,266	FALSE
0,051	0,305	0,003	0,015	0,084	FALSE
0,061	0,278	0,002	0,012	0,064	FALSE
0,211	0,280	0,009	0,014	0,277	FALSE
0,169	0,295	0,007	0,014	0,192	FALSE
-0,168	0,275	-0,004	0,009	0,185	FALSE
0,050	0,299	0,003	0,012	0,084	FALSE
-0,003	0,283	-0,002	0,009	0,065	FALSE
0,112	0,276	0,002	0,007	0,086	FALSE
0,167	0,284	0,009	0,012	0,336	FALSE
0,028	0,287	0,001	0,011	0,039	FALSE
-0,022	0,285	0,000	0,014	0,006	FALSE
0,025	0,295	0,000	0,009	0,012	FALSE
-0,015	0,297	0,000	0,009	0,017	FALSE
0,101	0,287	0,001	0,010	0,049	FALSE
-0,043	0,288	-0,001	0,009	0,027	FALSE
-0,011	0,286	0,001	0,012	0,030	FALSE
0,047	0,295	0,002	0,008	0,077	FALSE
0,037	0,292	0,002	0,009	0,092	FALSE
-0,032	0,273	0,000	0,013	0,007	FALSE
0,013	0,291	0,002	0,013	0,057	FALSE
-0,011	0,281	-0,001	0,013	0,025	FALSE
0,143	0,296	0,006	0,015	0,148	FALSE
-0,021	0,277	0,001	0,011	0,032	FALSE
0,021	0,287	0,002	0,008	0,076	FALSE

-0,001	0,277	0,001	0,008	0,033	FALSE
-0,116	0,291	-0,003	0,013	0,083	FALSE
0,037	0,284	0,003	0,010	0,123	FALSE
0,196	0,271	0,006	0,009	0,283	FALSE
0,286	0,272	0,011	0,013	0,382	FALSE
0,020	0,298	-0,001	0,008	0,027	FALSE
0,084	0,286	0,000	0,014	0,006	FALSE
-0,144	0,271	-0,003	0,008	0,179	FALSE
-0,007	0,290	-0,004	0,013	0,117	FALSE
0,156	0,287	0,004	0,008	0,228	FALSE
-0,002	0,294	0,001	0,010	0,051	FALSE
0,161	0,275	0,004	0,008	0,221	FALSE
0,122	0,281	0,003	0,011	0,088	FALSE
-0,083	0,284	-0,002	0,009	0,071	FALSE
0,020	0,290	0,002	0,010	0,069	FALSE
-0,176	0,272	-0,003	0,008	0,180	FALSE
0,120	0,281	0,003	0,010	0,115	FALSE
0,095	0,289	0,001	0,010	0,033	FALSE
0,070	0,288	0,001	0,014	0,025	FALSE
0,099	0,287	0,003	0,015	0,086	FALSE
0,201	0,265	0,003	0,009	0,148	FALSE
0,009	0,294	0,000	0,009	0,015	FALSE
0,093	0,288	0,005	0,009	0,224	FALSE
-0,088	0,271	-0,002	0,013	0,044	FALSE
0,123	0,280	0,008	0,014	0,246	FALSE
-0,190	0,277	-0,003	0,008	0,148	FALSE
0,010	0,301	0,000	0,010	0,014	FALSE
0,185	0,289	0,007	0,015	0,199	FALSE
0,054	0,306	0,002	0,012	0,053	FALSE
-0,012	0,294	-0,002	0,012	0,062	FALSE
0,032	0,282	0,000	0,009	0,006	FALSE
0,068	0,279	0,002	0,012	0,075	FALSE
0,050	0,284	0,001	0,012	0,038	FALSE
-0,022	0,300	-0,002	0,014	0,064	FALSE
0,062	0,286	0,000	0,014	0,011	FALSE
0,099	0,296	0,004	0,010	0,137	FALSE
0,100	0,291	0,002	0,012	0,056	FALSE
0,051	0,291	0,003	0,014	0,092	FALSE
0,097	0,294	0,004	0,012	0,130	FALSE
0,058	0,281	0,003	0,010	0,093	FALSE
0,032	0,295	0,001	0,012	0,039	FALSE
-0,005	0,304	0,001	0,012	0,036	FALSE
-0,022	0,284	-0,001	0,015	0,015	FALSE
-0,069	0,295	-0,002	0,013	0,068	FALSE
-0,017	0,304	0,000	0,011	0,001	FALSE
-0,185	0,276	-0,005	0,007	0,269	FALSE
0,080	0,314	0,003	0,010	0,098	FALSE
0,031	0,283	0,001	0,008	0,023	FALSE
0,157	0,275	0,007	0,013	0,214	FALSE
-0,058	0,294	-0,001	0,011	0,022	FALSE
0,240	0,267	0,010	0,012	0,413	FALSE
-0,097	0,283	-0,002	0,012	0,074	FALSE
-0,096	0,270	-0,005	0,010	0,216	FALSE

-0,002	0,280	-0,003	0,013	0,089	FALSE
0,026	0,278	0,001	0,007	0,067	FALSE
0,054	0,274	0,001	0,009	0,025	FALSE
-0,054	0,294	-0,003	0,015	0,079	FALSE
-0,115	0,294	-0,006	0,015	0,153	FALSE
0,042	0,298	0,002	0,015	0,041	FALSE
0,039	0,285	0,003	0,012	0,101	FALSE
-0,054	0,290	-0,003	0,014	0,083	FALSE
-0,071	0,295	-0,004	0,013	0,114	FALSE
-0,092	0,294	-0,003	0,009	0,117	FALSE
0,080	0,304	0,003	0,016	0,076	FALSE
0,044	0,275	-0,001	0,013	0,014	FALSE
-0,073	0,284	-0,003	0,011	0,101	FALSE
0,160	0,283	0,008	0,015	0,238	FALSE
0,013	0,283	0,001	0,008	0,042	FALSE
0,113	0,289	0,005	0,013	0,153	FALSE
-0,012	0,277	0,001	0,008	0,035	FALSE
-0,132	0,273	-0,004	0,008	0,236	FALSE
-0,004	0,271	0,000	0,011	0,002	FALSE
-0,027	0,294	0,000	0,009	0,003	FALSE
-0,040	0,291	-0,003	0,008	0,124	FALSE
0,152	0,280	0,007	0,015	0,186	FALSE
0,052	0,295	0,001	0,008	0,055	FALSE
-0,027	0,286	0,001	0,010	0,039	FALSE
0,042	0,280	0,005	0,013	0,156	FALSE
-0,095	0,284	-0,004	0,011	0,124	FALSE
-0,023	0,285	0,000	0,011	0,008	FALSE
0,007	0,295	-0,001	0,014	0,031	FALSE
0,160	0,261	0,005	0,014	0,140	FALSE
0,126	0,282	0,003	0,008	0,141	FALSE
-0,218	0,279	-0,009	0,014	0,286	FALSE
-0,159	0,299	-0,007	0,015	0,199	FALSE
-0,159	0,293	-0,003	0,009	0,150	FALSE
-0,038	0,280	-0,004	0,010	0,158	FALSE
-0,030	0,295	-0,003	0,012	0,082	FALSE
0,059	0,290	0,005	0,014	0,140	FALSE
0,065	0,299	0,002	0,015	0,050	FALSE
-0,153	0,301	-0,004	0,011	0,130	FALSE
-0,023	0,298	0,000	0,009	0,010	FALSE
-0,124	0,276	-0,002	0,007	0,118	FALSE
0,049	0,288	0,002	0,014	0,055	FALSE
0,056	0,288	0,002	0,010	0,068	FALSE
0,010	0,282	0,002	0,015	0,048	FALSE
0,107	0,293	0,003	0,009	0,125	FALSE
-0,021	0,298	0,002	0,013	0,068	FALSE
-0,029	0,285	0,002	0,013	0,060	FALSE
-0,038	0,277	0,002	0,012	0,064	FALSE
0,021	0,278	-0,001	0,011	0,036	FALSE
0,163	0,283	0,004	0,011	0,143	FALSE
0,164	0,282	0,005	0,011	0,170	FALSE
0,109	0,287	0,005	0,013	0,151	FALSE
0,089	0,290	0,004	0,013	0,112	FALSE
-0,017	0,294	0,000	0,008	0,010	FALSE

-0,019	0,288	-0,001	0,008	0,050	FALSE
0,161	0,283	0,006	0,012	0,241	FALSE
-0,074	0,305	-0,004	0,012	0,128	FALSE
-0,079	0,280	-0,005	0,011	0,179	FALSE
0,028	0,279	0,003	0,012	0,096	FALSE
-0,124	0,290	-0,006	0,011	0,213	FALSE
-0,198	0,283	-0,004	0,007	0,226	FALSE
0,092	0,300	0,005	0,012	0,190	FALSE
0,013	0,287	0,004	0,013	0,113	FALSE
-0,064	0,300	-0,001	0,011	0,023	FALSE
0,004	0,269	0,001	0,007	0,083	FALSE
0,098	0,269	0,001	0,010	0,033	FALSE
0,093	0,293	0,004	0,013	0,130	FALSE
0,057	0,287	0,004	0,013	0,103	FALSE
0,140	0,281	0,006	0,013	0,200	FALSE
0,032	0,287	0,002	0,009	0,107	FALSE
0,051	0,277	0,001	0,010	0,024	FALSE
0,035	0,282	0,002	0,014	0,039	FALSE
0,019	0,281	0,001	0,010	0,052	FALSE
-0,008	0,287	-0,002	0,013	0,050	FALSE
-0,044	0,283	-0,001	0,012	0,032	FALSE
0,120	0,289	0,005	0,013	0,172	FALSE
0,053	0,285	0,001	0,009	0,044	FALSE
0,082	0,292	0,003	0,012	0,095	FALSE
0,105	0,286	0,004	0,012	0,140	FALSE
0,007	0,294	0,001	0,010	0,036	FALSE
-0,051	0,291	-0,001	0,009	0,054	FALSE
0,010	0,291	0,001	0,007	0,031	FALSE
-0,070	0,291	-0,002	0,012	0,054	FALSE
0,131	0,276	0,003	0,009	0,146	FALSE
-0,028	0,300	-0,003	0,013	0,074	FALSE
-0,056	0,289	-0,002	0,014	0,040	FALSE
-0,008	0,289	0,001	0,015	0,020	FALSE
-0,058	0,293	-0,003	0,013	0,088	FALSE
-0,084	0,281	-0,005	0,013	0,142	FALSE
-0,028	0,296	-0,003	0,013	0,076	FALSE
0,029	0,296	0,001	0,008	0,030	FALSE
0,024	0,287	0,001	0,008	0,040	FALSE
0,000	0,291	0,000	0,009	0,016	FALSE
0,035	0,293	0,001	0,008	0,044	FALSE
-0,032	0,287	0,001	0,013	0,025	FALSE
-0,053	0,293	-0,003	0,014	0,081	FALSE
-0,045	0,296	-0,001	0,013	0,028	FALSE
-0,187	0,289	-0,009	0,014	0,275	FALSE
-0,136	0,283	-0,006	0,014	0,162	FALSE
-0,035	0,292	-0,001	0,011	0,035	FALSE
-0,018	0,288	0,000	0,012	0,014	FALSE
-0,142	0,279	-0,005	0,013	0,159	FALSE
-0,067	0,291	-0,002	0,010	0,076	FALSE
-0,071	0,288	-0,001	0,012	0,046	FALSE
0,051	0,288	0,004	0,012	0,130	FALSE
0,050	0,296	0,004	0,013	0,122	FALSE
0,025	0,295	0,001	0,008	0,033	FALSE

-0,020	0,290	-0,002	0,011	0,052	FALSE
0,001	0,275	0,000	0,009	0,006	FALSE
-0,031	0,302	-0,001	0,008	0,050	FALSE
0,020	0,280	0,002	0,014	0,047	FALSE
0,092	0,292	0,003	0,012	0,091	FALSE
-0,023	0,288	-0,002	0,014	0,039	FALSE
0,013	0,285	0,000	0,014	0,001	FALSE
-0,098	0,283	-0,006	0,013	0,177	FALSE
0,176	0,298	0,008	0,015	0,231	FALSE
-0,140	0,281	-0,006	0,014	0,170	FALSE
0,122	0,275	0,004	0,009	0,183	FALSE
0,025	0,284	0,000	0,014	0,011	FALSE
-0,094	0,273	-0,004	0,010	0,163	FALSE
-0,060	0,290	-0,002	0,010	0,079	FALSE
0,085	0,291	0,002	0,008	0,085	FALSE
0,004	0,287	0,000	0,009	0,010	FALSE
0,109	0,292	0,001	0,008	0,052	FALSE
0,125	0,295	0,003	0,008	0,156	FALSE
-0,010	0,289	0,000	0,009	0,014	FALSE
-0,016	0,279	0,002	0,014	0,041	FALSE
0,075	0,281	0,001	0,009	0,060	FALSE
0,043	0,286	0,003	0,012	0,113	FALSE
-0,069	0,281	0,000	0,015	0,001	FALSE
0,036	0,278	0,000	0,010	0,011	FALSE
0,125	0,282	0,002	0,012	0,058	FALSE
-0,072	0,290	-0,002	0,007	0,105	FALSE
0,024	0,292	-0,001	0,009	0,024	FALSE
0,043	0,292	0,002	0,011	0,076	FALSE
-0,109	0,282	-0,004	0,012	0,115	FALSE
-0,070	0,284	-0,002	0,008	0,110	FALSE
0,010	0,292	0,001	0,007	0,053	FALSE
0,231	0,275	0,007	0,010	0,290	FALSE
0,143	0,297	0,005	0,010	0,179	FALSE
-0,079	0,282	-0,004	0,012	0,124	FALSE
-0,064	0,298	-0,002	0,010	0,062	FALSE
0,002	0,287	0,002	0,014	0,057	FALSE
0,031	0,292	0,001	0,013	0,029	FALSE
0,163	0,279	0,008	0,015	0,234	FALSE
-0,122	0,279	-0,004	0,011	0,156	FALSE
-0,038	0,274	0,000	0,014	0,010	FALSE
0,012	0,297	-0,002	0,013	0,048	FALSE
-0,006	0,294	-0,002	0,013	0,060	FALSE
-0,106	0,279	-0,005	0,011	0,183	FALSE
-0,149	0,287	-0,005	0,009	0,253	FALSE
0,066	0,293	0,004	0,015	0,101	FALSE
-0,009	0,280	-0,001	0,009	0,035	FALSE
-0,058	0,286	-0,001	0,007	0,063	FALSE
-0,206	0,281	-0,005	0,010	0,203	FALSE
0,037	0,291	0,002	0,013	0,064	FALSE
-0,101	0,291	-0,001	0,009	0,061	FALSE
-0,146	0,283	-0,006	0,015	0,180	FALSE
0,041	0,286	0,001	0,009	0,032	FALSE
-0,155	0,268	-0,006	0,014	0,179	FALSE

0,069	0,292	0,002	0,008	0,099	FALSE
0,045	0,301	-0,001	0,013	0,026	FALSE
-0,011	0,279	-0,001	0,009	0,024	FALSE
0,127	0,278	0,004	0,009	0,165	FALSE
0,101	0,288	0,003	0,010	0,132	FALSE
0,223	0,281	0,009	0,013	0,327	FALSE
0,057	0,299	0,002	0,014	0,067	FALSE
0,148	0,288	0,005	0,012	0,188	FALSE
-0,028	0,285	0,001	0,009	0,023	FALSE
-0,071	0,292	-0,003	0,009	0,146	FALSE
-0,232	0,284	-0,009	0,012	0,322	FALSE
0,094	0,277	0,001	0,008	0,055	FALSE
-0,014	0,278	-0,004	0,014	0,105	FALSE
0,076	0,260	0,001	0,009	0,026	FALSE
-0,059	0,285	-0,003	0,011	0,109	FALSE
-0,105	0,279	-0,004	0,009	0,158	FALSE
0,118	0,280	0,004	0,013	0,117	FALSE
-0,006	0,286	-0,001	0,010	0,048	FALSE
-0,080	0,285	-0,003	0,012	0,089	FALSE
-0,009	0,299	0,000	0,010	0,004	FALSE
-0,008	0,293	0,000	0,008	0,011	FALSE
0,116	0,290	0,005	0,012	0,183	FALSE
0,022	0,296	0,002	0,015	0,045	FALSE
0,045	0,291	0,003	0,014	0,081	FALSE
0,087	0,281	0,005	0,013	0,156	FALSE
-0,129	0,287	-0,003	0,008	0,162	FALSE
-0,073	0,263	-0,003	0,011	0,104	FALSE
0,088	0,296	0,005	0,011	0,173	FALSE
0,048	0,285	0,003	0,011	0,091	FALSE
-0,153	0,289	-0,006	0,014	0,185	FALSE
-0,043	0,277	0,001	0,010	0,030	FALSE
0,070	0,274	-0,001	0,014	0,022	FALSE
-0,009	0,293	0,001	0,010	0,031	FALSE
0,040	0,296	0,001	0,012	0,042	FALSE
0,125	0,280	0,005	0,009	0,231	FALSE
0,020	0,290	0,000	0,009	0,015	FALSE
-0,003	0,253	0,000	0,015	0,008	FALSE
0,064	0,279	0,001	0,009	0,033	FALSE
0,012	0,283	-0,001	0,012	0,019	FALSE
-0,127	0,299	-0,002	0,008	0,119	FALSE
0,263	0,275	0,010	0,015	0,294	FALSE
-0,065	0,285	-0,001	0,011	0,032	FALSE
-0,103	0,262	-0,002	0,007	0,118	FALSE
0,078	0,280	0,004	0,011	0,124	FALSE
0,126	0,282	0,005	0,011	0,200	FALSE
-0,051	0,287	-0,003	0,012	0,094	FALSE
0,013	0,294	0,002	0,013	0,053	FALSE
-0,044	0,302	0,000	0,015	0,009	FALSE
0,109	0,272	0,002	0,013	0,044	FALSE
-0,114	0,278	-0,003	0,011	0,090	FALSE
-0,095	0,291	-0,004	0,011	0,132	FALSE
-0,166	0,271	-0,003	0,007	0,173	FALSE
-0,054	0,281	-0,002	0,010	0,080	FALSE

-0,100	0,284	-0,003	0,011	0,114	FALSE
-0,032	0,291	-0,001	0,007	0,048	FALSE
0,065	0,289	0,002	0,008	0,113	FALSE
-0,001	0,276	0,001	0,012	0,028	FALSE
-0,127	0,303	-0,003	0,010	0,118	FALSE
-0,048	0,288	-0,002	0,014	0,051	FALSE
0,038	0,297	0,003	0,011	0,122	FALSE
0,014	0,291	0,004	0,013	0,123	FALSE
-0,013	0,294	0,002	0,014	0,065	FALSE
0,103	0,289	0,002	0,010	0,092	FALSE
-0,006	0,290	0,000	0,013	0,004	FALSE
-0,053	0,278	-0,002	0,008	0,110	FALSE
0,118	0,289	0,006	0,014	0,188	FALSE
-0,075	0,281	-0,001	0,008	0,069	FALSE
-0,041	0,282	-0,004	0,013	0,134	FALSE
-0,035	0,279	-0,002	0,010	0,058	FALSE
0,023	0,286	0,001	0,014	0,028	FALSE
0,044	0,290	0,000	0,010	0,010	FALSE
-0,007	0,288	-0,001	0,013	0,017	FALSE
-0,154	0,277	-0,004	0,010	0,146	FALSE
-0,160	0,282	-0,004	0,009	0,155	FALSE
0,139	0,284	0,004	0,009	0,188	FALSE
-0,050	0,291	-0,001	0,013	0,039	FALSE
0,090	0,287	0,003	0,011	0,089	FALSE
-0,066	0,293	-0,002	0,010	0,087	FALSE
-0,157	0,270	-0,008	0,013	0,247	FALSE
0,149	0,280	0,004	0,012	0,149	FALSE
0,078	0,294	0,002	0,013	0,053	FALSE
-0,021	0,296	0,000	0,009	0,018	FALSE
0,099	0,282	0,003	0,012	0,096	FALSE
0,098	0,278	0,003	0,007	0,186	FALSE
0,056	0,296	0,001	0,014	0,030	FALSE
0,056	0,279	0,002	0,013	0,047	FALSE
-0,022	0,288	-0,001	0,012	0,040	FALSE
-0,065	0,284	-0,003	0,012	0,084	FALSE
-0,056	0,274	-0,003	0,011	0,088	FALSE
-0,034	0,295	0,001	0,009	0,024	FALSE
0,059	0,297	0,003	0,015	0,064	FALSE
-0,077	0,291	-0,002	0,015	0,053	FALSE
-0,006	0,295	0,000	0,014	0,008	FALSE
0,007	0,280	0,000	0,009	0,002	FALSE
0,058	0,289	0,001	0,007	0,040	FALSE
0,111	0,282	0,003	0,010	0,105	FALSE
-0,098	0,265	-0,005	0,014	0,152	FALSE
0,059	0,297	0,001	0,008	0,058	FALSE
-0,187	0,278	-0,008	0,014	0,252	FALSE
-0,078	0,290	-0,001	0,010	0,026	FALSE
-0,022	0,281	0,000	0,010	0,012	FALSE
0,027	0,286	0,001	0,012	0,033	FALSE
-0,068	0,293	-0,001	0,010	0,056	FALSE
0,075	0,294	0,004	0,009	0,149	FALSE
0,070	0,292	0,002	0,012	0,054	FALSE
-0,166	0,275	-0,007	0,014	0,204	FALSE

-0,054	0,291	-0,003	0,009	0,111	FALSE
0,026	0,293	0,002	0,008	0,071	FALSE
0,005	0,262	0,000	0,008	0,015	FALSE
-0,048	0,277	-0,001	0,011	0,022	FALSE
-0,014	0,287	0,000	0,010	0,011	FALSE
-0,054	0,289	0,000	0,010	0,004	FALSE
0,005	0,279	0,001	0,011	0,034	FALSE
-0,026	0,282	0,000	0,011	0,004	FALSE
-0,003	0,302	0,001	0,009	0,035	FALSE
-0,169	0,279	-0,005	0,008	0,281	FALSE
0,019	0,274	0,002	0,013	0,047	FALSE
-0,155	0,267	-0,007	0,011	0,282	FALSE
0,046	0,290	0,002	0,015	0,048	FALSE
0,192	0,278	0,003	0,008	0,161	FALSE
-0,053	0,293	-0,003	0,013	0,090	FALSE
-0,075	0,301	-0,005	0,014	0,134	FALSE
-0,061	0,300	-0,001	0,008	0,035	FALSE
-0,062	0,281	-0,001	0,008	0,059	FALSE
-0,044	0,299	-0,001	0,008	0,037	FALSE
0,137	0,292	0,005	0,013	0,137	FALSE
-0,117	0,293	-0,005	0,014	0,159	FALSE
-0,003	0,290	0,000	0,015	0,002	FALSE
-0,104	0,293	-0,001	0,008	0,067	FALSE
-0,135	0,273	-0,003	0,007	0,145	FALSE
0,076	0,275	0,003	0,013	0,092	FALSE
0,056	0,293	0,001	0,010	0,045	FALSE
-0,092	0,282	-0,002	0,009	0,091	FALSE
0,138	0,281	0,002	0,008	0,107	FALSE
0,137	0,278	0,005	0,010	0,223	FALSE
-0,010	0,292	-0,004	0,010	0,138	FALSE
0,151	0,274	0,006	0,010	0,267	FALSE
-0,108	0,281	-0,003	0,009	0,129	FALSE
0,134	0,287	0,003	0,010	0,137	FALSE
0,014	0,289	0,002	0,010	0,078	FALSE
-0,047	0,301	-0,003	0,014	0,072	FALSE
0,038	0,281	0,001	0,012	0,033	FALSE
-0,229	0,282	-0,011	0,014	0,365	FALSE
-0,045	0,289	-0,001	0,008	0,059	FALSE
0,029	0,276	0,000	0,008	0,002	FALSE
0,079	0,283	0,003	0,008	0,117	FALSE
0,054	0,280	0,001	0,008	0,066	FALSE
-0,076	0,289	-0,004	0,013	0,128	FALSE
-0,141	0,291	-0,007	0,015	0,184	FALSE
0,084	0,274	0,002	0,014	0,065	FALSE
-0,102	0,286	-0,003	0,009	0,122	FALSE
-0,006	0,287	0,000	0,010	0,010	FALSE
0,092	0,275	0,003	0,013	0,075	FALSE
-0,019	0,287	-0,003	0,013	0,097	FALSE
0,030	0,289	0,001	0,012	0,019	FALSE
-0,034	0,278	-0,001	0,009	0,059	FALSE
-0,121	0,286	-0,005	0,015	0,132	FALSE
-0,027	0,298	-0,002	0,009	0,070	FALSE
0,101	0,291	0,003	0,008	0,173	FALSE

-0,017	0,290	0,000	0,009	0,011	FALSE
-0,059	0,293	-0,002	0,009	0,099	FALSE
0,055	0,274	0,002	0,014	0,059	FALSE
0,034	0,296	0,000	0,008	0,022	FALSE
0,186	0,270	0,008	0,015	0,252	FALSE
-0,114	0,289	-0,002	0,009	0,088	FALSE
-0,100	0,288	-0,002	0,013	0,068	FALSE
-0,111	0,292	-0,003	0,011	0,102	FALSE
0,121	0,286	0,003	0,008	0,144	FALSE
0,048	0,290	0,002	0,013	0,048	FALSE
0,128	0,284	0,003	0,012	0,105	FALSE
-0,102	0,281	-0,007	0,014	0,209	FALSE
-0,018	0,277	-0,001	0,007	0,039	FALSE
-0,004	0,301	0,001	0,012	0,035	FALSE
0,037	0,290	0,002	0,010	0,066	FALSE
-0,219	0,272	-0,010	0,015	0,287	FALSE
0,181	0,280	0,006	0,009	0,309	FALSE
0,177	0,270	0,008	0,014	0,250	FALSE
0,160	0,275	0,004	0,011	0,162	FALSE
-0,016	0,283	-0,001	0,015	0,028	FALSE
0,001	0,292	0,000	0,008	0,017	FALSE
-0,067	0,283	-0,003	0,009	0,118	FALSE
0,195	0,287	0,006	0,008	0,321	FALSE
-0,015	0,285	-0,002	0,013	0,058	FALSE
0,078	0,286	0,002	0,013	0,062	FALSE
-0,024	0,295	-0,003	0,013	0,094	FALSE
-0,068	0,284	-0,001	0,008	0,037	FALSE
0,111	0,287	0,006	0,011	0,213	FALSE
0,058	0,287	0,001	0,009	0,055	FALSE
-0,161	0,273	-0,006	0,013	0,177	FALSE
0,074	0,295	0,003	0,014	0,067	FALSE
0,056	0,290	0,001	0,015	0,030	FALSE
0,070	0,289	0,002	0,010	0,095	FALSE
-0,108	0,278	-0,002	0,014	0,053	FALSE
0,230	0,268	0,008	0,014	0,259	FALSE
0,214	0,274	0,008	0,014	0,225	FALSE
-0,093	0,298	-0,002	0,009	0,090	FALSE
-0,219	0,277	-0,005	0,008	0,275	FALSE
0,103	0,285	0,003	0,008	0,139	FALSE
-0,002	0,286	0,000	0,009	0,013	FALSE
0,091	0,291	0,005	0,014	0,155	FALSE
0,079	0,280	0,002	0,011	0,084	FALSE
-0,036	0,285	-0,001	0,012	0,036	FALSE
0,016	0,295	0,001	0,009	0,028	FALSE
0,081	0,283	0,002	0,014	0,048	FALSE
-0,006	0,274	0,000	0,010	0,005	FALSE
0,089	0,289	0,002	0,012	0,071	FALSE
-0,064	0,286	-0,003	0,011	0,107	FALSE
0,076	0,285	0,003	0,009	0,117	FALSE
0,074	0,290	0,003	0,010	0,133	FALSE
0,048	0,285	0,003	0,014	0,092	FALSE
0,070	0,304	0,005	0,015	0,130	FALSE
-0,125	0,291	-0,007	0,015	0,207	FALSE

0,054	0,293	0,003	0,009	0,128	FALSE
-0,081	0,277	-0,002	0,009	0,079	FALSE
0,123	0,278	0,004	0,013	0,131	FALSE
0,135	0,288	0,005	0,013	0,151	FALSE
-0,111	0,274	-0,004	0,014	0,102	FALSE
-0,017	0,286	-0,003	0,013	0,077	FALSE
-0,142	0,277	-0,004	0,014	0,124	FALSE
0,081	0,274	0,001	0,009	0,023	FALSE
-0,154	0,273	-0,004	0,009	0,167	FALSE
-0,022	0,296	0,000	0,012	0,011	FALSE
0,137	0,300	0,003	0,009	0,157	FALSE
-0,112	0,283	-0,004	0,013	0,102	FALSE
-0,005	0,285	0,001	0,010	0,036	FALSE
-0,003	0,289	0,002	0,014	0,062	FALSE
-0,149	0,262	-0,007	0,012	0,265	FALSE
-0,118	0,281	-0,004	0,009	0,179	FALSE
-0,052	0,271	-0,003	0,011	0,090	FALSE
0,143	0,281	0,005	0,011	0,196	FALSE
-0,118	0,279	-0,005	0,011	0,161	FALSE
-0,024	0,287	-0,001	0,014	0,024	FALSE
-0,153	0,284	-0,006	0,014	0,166	FALSE
0,233	0,263	0,008	0,013	0,286	FALSE
-0,175	0,284	-0,009	0,015	0,261	FALSE
-0,063	0,290	-0,003	0,012	0,112	FALSE
-0,134	0,296	-0,004	0,008	0,219	FALSE
0,062	0,276	0,002	0,009	0,083	FALSE
0,195	0,275	0,005	0,010	0,204	FALSE
0,059	0,285	0,003	0,011	0,111	FALSE
0,102	0,303	0,004	0,008	0,205	FALSE
-0,018	0,295	0,000	0,008	0,011	FALSE
0,091	0,278	0,001	0,008	0,040	FALSE
-0,208	0,296	-0,005	0,009	0,224	FALSE
-0,009	0,292	0,001	0,015	0,012	FALSE
-0,023	0,297	-0,002	0,010	0,097	FALSE
-0,009	0,288	0,000	0,008	0,011	FALSE
-0,034	0,281	0,001	0,011	0,030	FALSE
0,087	0,295	0,003	0,014	0,079	FALSE
0,017	0,304	0,003	0,014	0,068	FALSE
-0,109	0,290	-0,005	0,015	0,132	FALSE
0,020	0,292	0,002	0,015	0,037	FALSE
0,027	0,283	0,000	0,010	0,003	FALSE
0,003	0,282	0,001	0,008	0,025	FALSE
0,147	0,296	0,005	0,015	0,132	FALSE
-0,017	0,271	-0,001	0,012	0,030	FALSE
-0,114	0,290	-0,003	0,015	0,066	FALSE
0,121	0,290	0,002	0,009	0,098	FALSE
0,004	0,289	0,000	0,008	0,009	FALSE
-0,062	0,293	-0,004	0,011	0,140	FALSE
0,100	0,300	0,005	0,015	0,124	FALSE
-0,137	0,284	-0,004	0,013	0,132	FALSE
0,012	0,284	0,000	0,013	0,000	FALSE
0,104	0,295	0,006	0,014	0,161	FALSE
-0,012	0,298	0,001	0,007	0,050	FALSE

0,002	0,285	-0,001	0,010	0,018	FALSE
0,077	0,287	0,001	0,008	0,031	FALSE
0,093	0,280	0,002	0,012	0,057	FALSE
0,047	0,276	0,000	0,009	0,008	FALSE
-0,092	0,294	-0,005	0,015	0,148	FALSE
-0,201	0,281	-0,006	0,010	0,232	FALSE
0,098	0,280	0,001	0,012	0,031	FALSE
0,124	0,300	0,005	0,012	0,165	FALSE
-0,026	0,288	-0,001	0,009	0,036	FALSE
0,131	0,273	0,003	0,013	0,102	FALSE
-0,068	0,283	-0,004	0,010	0,146	FALSE
0,090	0,281	0,006	0,014	0,178	FALSE
0,093	0,282	0,005	0,012	0,159	FALSE
0,154	0,284	0,007	0,015	0,183	FALSE
-0,031	0,281	0,001	0,008	0,035	FALSE
-0,011	0,281	0,000	0,010	0,012	FALSE
0,114	0,275	0,002	0,007	0,104	FALSE
0,126	0,278	0,003	0,008	0,150	FALSE
0,134	0,296	0,003	0,009	0,135	FALSE
0,154	0,291	0,004	0,009	0,184	FALSE
0,043	0,294	0,001	0,013	0,039	FALSE
0,114	0,290	0,003	0,013	0,077	FALSE
0,067	0,296	0,001	0,013	0,028	FALSE
-0,079	0,289	-0,003	0,008	0,138	FALSE
-0,051	0,278	0,000	0,014	0,007	FALSE
-0,091	0,287	-0,002	0,010	0,081	FALSE
-0,054	0,282	-0,001	0,010	0,025	FALSE
-0,043	0,295	0,000	0,010	0,017	FALSE
0,134	0,273	0,004	0,012	0,115	FALSE
0,026	0,281	0,002	0,014	0,053	FALSE
-0,076	0,274	-0,003	0,010	0,112	FALSE
-0,052	0,286	-0,002	0,010	0,073	FALSE
-0,046	0,278	-0,003	0,009	0,143	FALSE
0,057	0,300	0,003	0,012	0,095	FALSE
0,091	0,274	0,004	0,013	0,109	FALSE
-0,011	0,288	0,003	0,014	0,090	FALSE
0,063	0,282	0,006	0,014	0,159	FALSE
-0,070	0,280	-0,001	0,008	0,055	FALSE
0,140	0,281	0,002	0,008	0,101	FALSE
0,106	0,287	0,003	0,013	0,081	FALSE
0,121	0,285	0,006	0,014	0,173	FALSE
0,000	0,294	0,000	0,013	0,000	FALSE
0,100	0,287	0,005	0,013	0,148	FALSE
0,023	0,287	0,002	0,013	0,053	FALSE
0,069	0,293	0,002	0,011	0,069	FALSE
-0,097	0,283	-0,004	0,014	0,105	FALSE
0,064	0,289	0,002	0,015	0,043	FALSE
-0,124	0,293	-0,003	0,008	0,127	FALSE
0,133	0,281	0,002	0,013	0,058	FALSE
0,074	0,266	-0,001	0,011	0,038	FALSE
0,042	0,278	0,000	0,010	0,011	FALSE
0,019	0,275	0,000	0,014	0,007	FALSE
-0,140	0,280	-0,006	0,013	0,188	FALSE

0,014	0,301	0,000	0,015	0,006	FALSE
0,017	0,270	0,002	0,011	0,057	FALSE
-0,062	0,281	0,000	0,015	0,004	FALSE
-0,071	0,284	0,001	0,015	0,029	FALSE
0,009	0,284	0,000	0,012	0,004	FALSE
-0,012	0,291	0,001	0,008	0,022	FALSE
-0,175	0,281	-0,006	0,010	0,274	FALSE
0,054	0,285	0,001	0,008	0,066	FALSE
-0,110	0,277	-0,005	0,010	0,216	FALSE
-0,017	0,291	-0,001	0,009	0,039	FALSE
0,152	0,280	0,004	0,008	0,234	FALSE
-0,022	0,295	-0,001	0,015	0,013	FALSE
0,024	0,309	0,001	0,015	0,023	FALSE
0,061	0,277	0,000	0,012	0,003	FALSE
0,014	0,290	0,000	0,011	0,004	FALSE
-0,060	0,281	-0,006	0,012	0,201	FALSE
0,015	0,286	-0,002	0,011	0,077	FALSE
-0,031	0,278	0,000	0,012	0,000	FALSE
-0,103	0,288	-0,003	0,011	0,128	FALSE
0,110	0,292	0,003	0,007	0,165	FALSE
-0,146	0,292	-0,006	0,012	0,212	FALSE
0,023	0,291	0,001	0,012	0,027	FALSE
0,004	0,306	0,000	0,015	0,008	FALSE
0,024	0,301	0,002	0,015	0,050	FALSE
-0,043	0,301	-0,003	0,015	0,066	FALSE
0,011	0,303	0,000	0,015	0,000	FALSE
-0,043	0,305	-0,002	0,015	0,049	FALSE
0,022	0,282	0,000	0,008	0,007	FALSE
0,078	0,279	0,003	0,011	0,105	FALSE
-0,024	0,267	-0,002	0,013	0,048	FALSE
0,086	0,286	0,002	0,009	0,066	FALSE
0,214	0,270	0,011	0,014	0,358	FALSE
0,069	0,296	0,002	0,011	0,078	FALSE
-0,002	0,285	0,001	0,012	0,041	FALSE
0,032	0,286	0,004	0,012	0,132	FALSE
-0,005	0,287	0,002	0,014	0,039	FALSE
-0,036	0,294	-0,002	0,008	0,103	FALSE
0,084	0,299	0,002	0,009	0,108	FALSE
-0,026	0,286	0,000	0,011	0,004	FALSE
-0,051	0,267	0,000	0,010	0,017	FALSE
-0,015	0,287	0,000	0,013	0,009	FALSE
0,077	0,282	0,003	0,012	0,085	FALSE
0,048	0,287	0,001	0,012	0,034	FALSE
-0,096	0,295	-0,005	0,015	0,118	FALSE
0,062	0,284	0,003	0,014	0,068	FALSE
0,025	0,286	0,002	0,008	0,078	FALSE
-0,056	0,288	-0,002	0,011	0,054	FALSE
0,070	0,293	0,001	0,008	0,058	FALSE
0,067	0,287	0,002	0,011	0,079	FALSE
-0,065	0,280	-0,001	0,014	0,025	FALSE
-0,080	0,290	-0,002	0,012	0,058	FALSE
0,017	0,287	0,001	0,011	0,025	FALSE
0,054	0,271	0,003	0,014	0,076	FALSE

-0,194	0,281	-0,008	0,012	0,300	FALSE
0,111	0,289	0,005	0,014	0,151	FALSE
0,129	0,270	0,002	0,008	0,086	FALSE
0,170	0,271	0,004	0,013	0,101	FALSE
-0,024	0,284	0,001	0,007	0,032	FALSE
0,064	0,288	0,000	0,009	0,015	FALSE
0,082	0,274	0,003	0,010	0,127	FALSE
0,140	0,276	0,005	0,009	0,250	FALSE
0,131	0,287	0,007	0,015	0,182	FALSE
-0,016	0,285	-0,001	0,007	0,038	FALSE
0,047	0,295	0,000	0,010	0,003	FALSE
-0,070	0,282	-0,004	0,012	0,152	FALSE
0,081	0,281	0,001	0,011	0,022	FALSE
0,053	0,282	0,003	0,010	0,112	FALSE
-0,046	0,265	-0,002	0,015	0,043	FALSE
-0,089	0,272	-0,003	0,012	0,089	FALSE
-0,181	0,271	-0,005	0,008	0,239	FALSE
0,040	0,285	0,000	0,008	0,003	FALSE
-0,056	0,291	-0,002	0,014	0,064	FALSE
-0,022	0,284	0,000	0,015	0,001	FALSE
0,054	0,288	0,003	0,012	0,076	FALSE
0,025	0,277	-0,001	0,008	0,071	FALSE
-0,076	0,286	-0,004	0,012	0,141	FALSE
0,146	0,283	0,006	0,012	0,220	FALSE
0,014	0,272	0,000	0,008	0,004	FALSE
-0,007	0,274	-0,002	0,015	0,062	FALSE
-0,031	0,285	0,000	0,011	0,002	FALSE
-0,048	0,277	0,000	0,013	0,001	FALSE
-0,031	0,291	0,000	0,011	0,006	FALSE
-0,065	0,301	-0,002	0,013	0,067	FALSE
-0,033	0,291	0,000	0,014	0,013	FALSE
0,099	0,278	0,005	0,011	0,174	FALSE
-0,040	0,291	0,000	0,008	0,006	FALSE
-0,085	0,286	-0,002	0,008	0,089	FALSE
-0,082	0,289	-0,002	0,008	0,095	FALSE
0,093	0,298	0,003	0,008	0,142	FALSE
-0,170	0,288	-0,005	0,010	0,224	FALSE
-0,270	0,266	-0,012	0,013	0,423	FALSE
0,230	0,265	0,005	0,007	0,285	FALSE
-0,074	0,297	-0,002	0,010	0,067	FALSE
-0,013	0,283	-0,001	0,010	0,033	FALSE
-0,069	0,278	-0,001	0,007	0,059	FALSE
-0,105	0,281	-0,003	0,008	0,173	FALSE
-0,122	0,288	-0,002	0,007	0,129	FALSE
0,132	0,295	0,005	0,013	0,165	FALSE
-0,210	0,269	-0,005	0,007	0,309	FALSE
-0,027	0,295	0,000	0,009	0,017	FALSE
-0,008	0,283	0,000	0,010	0,004	FALSE
0,048	0,287	0,003	0,015	0,089	FALSE
0,028	0,284	0,000	0,010	0,008	FALSE
0,048	0,288	0,001	0,009	0,042	FALSE
-0,084	0,291	-0,001	0,008	0,032	FALSE
0,201	0,280	0,005	0,009	0,238	FALSE

-0,051	0,277	0,001	0,010	0,029	FALSE
-0,078	0,284	0,000	0,009	0,001	FALSE
-0,208	0,277	-0,004	0,007	0,217	FALSE
0,002	0,282	0,000	0,014	0,008	FALSE
-0,092	0,274	-0,004	0,011	0,158	FALSE
0,023	0,291	0,000	0,009	0,006	FALSE
-0,038	0,276	-0,001	0,008	0,046	FALSE
0,153	0,289	0,006	0,012	0,215	FALSE
0,032	0,276	0,002	0,012	0,063	FALSE
-0,015	0,293	-0,002	0,014	0,061	FALSE
-0,193	0,273	-0,009	0,014	0,265	FALSE
-0,161	0,289	-0,003	0,008	0,158	FALSE
-0,128	0,259	-0,005	0,013	0,154	FALSE
-0,010	0,286	0,000	0,010	0,004	FALSE
0,012	0,270	-0,001	0,009	0,043	FALSE
0,104	0,286	0,002	0,008	0,097	FALSE
-0,059	0,284	-0,003	0,009	0,116	FALSE
0,078	0,300	0,003	0,012	0,085	FALSE
-0,139	0,277	-0,005	0,011	0,172	FALSE
-0,041	0,293	-0,001	0,015	0,012	FALSE
-0,159	0,272	-0,009	0,013	0,288	FALSE
-0,129	0,282	-0,004	0,008	0,181	FALSE
0,044	0,290	0,003	0,014	0,064	FALSE
0,035	0,297	0,001	0,010	0,040	FALSE
0,095	0,279	0,004	0,011	0,166	FALSE
-0,056	0,280	-0,003	0,014	0,076	FALSE
-0,090	0,269	-0,002	0,008	0,107	FALSE
-0,245	0,266	-0,009	0,015	0,246	FALSE
-0,061	0,290	-0,001	0,009	0,045	FALSE
-0,065	0,280	-0,002	0,014	0,057	FALSE
0,049	0,288	0,000	0,014	0,010	FALSE
-0,094	0,282	-0,005	0,011	0,162	FALSE
-0,182	0,285	-0,005	0,007	0,275	FALSE
-0,017	0,287	0,000	0,008	0,014	FALSE
0,077	0,277	0,003	0,010	0,109	FALSE
-0,051	0,288	-0,001	0,012	0,031	FALSE
0,033	0,276	0,002	0,010	0,072	FALSE
0,070	0,281	0,002	0,009	0,091	FALSE
-0,009	0,296	0,000	0,014	0,006	FALSE
-0,055	0,284	-0,003	0,012	0,095	FALSE
-0,219	0,272	-0,010	0,014	0,328	FALSE
0,038	0,294	0,002	0,008	0,092	FALSE
0,184	0,276	0,008	0,014	0,256	FALSE
-0,141	0,285	-0,004	0,011	0,174	FALSE
-0,085	0,282	-0,003	0,012	0,105	FALSE
0,165	0,285	0,003	0,011	0,120	FALSE
-0,017	0,286	-0,001	0,008	0,038	FALSE
-0,086	0,278	-0,003	0,010	0,114	FALSE
0,053	0,294	0,002	0,008	0,098	FALSE
0,034	0,292	0,001	0,011	0,046	FALSE
0,058	0,292	0,003	0,012	0,084	FALSE
0,076	0,284	0,003	0,011	0,108	FALSE
0,025	0,277	0,002	0,008	0,095	FALSE

0,025	0,277	0,001	0,013	0,021	FALSE
-0,244	0,274	-0,010	0,014	0,332	FALSE
-0,090	0,302	-0,003	0,011	0,087	FALSE
-0,146	0,283	-0,005	0,011	0,178	FALSE
-0,050	0,283	-0,006	0,012	0,189	FALSE
0,008	0,282	-0,004	0,015	0,095	FALSE
-0,030	0,291	-0,001	0,008	0,059	FALSE
0,036	0,298	0,002	0,009	0,087	FALSE
-0,025	0,285	-0,001	0,010	0,030	FALSE
0,039	0,286	0,000	0,014	0,001	FALSE
0,006	0,291	0,001	0,009	0,022	FALSE
-0,042	0,294	-0,001	0,008	0,035	FALSE
0,049	0,272	0,002	0,008	0,098	FALSE
-0,009	0,288	0,000	0,010	0,016	FALSE
-0,036	0,281	-0,002	0,015	0,038	FALSE
-0,139	0,262	-0,004	0,008	0,208	FALSE
0,120	0,289	0,002	0,009	0,101	FALSE
-0,090	0,287	-0,004	0,012	0,140	FALSE
0,081	0,294	0,001	0,014	0,035	FALSE
0,173	0,280	0,004	0,010	0,176	FALSE
0,121	0,283	0,004	0,010	0,142	FALSE
-0,036	0,286	-0,001	0,010	0,035	FALSE
0,043	0,280	0,001	0,008	0,047	FALSE
-0,022	0,282	-0,001	0,008	0,030	FALSE
-0,061	0,289	-0,002	0,009	0,091	FALSE
0,034	0,289	0,002	0,013	0,045	FALSE
-0,046	0,303	0,000	0,008	0,004	FALSE
-0,074	0,287	-0,001	0,008	0,065	FALSE
-0,059	0,292	-0,001	0,010	0,019	FALSE
0,176	0,271	0,003	0,009	0,148	FALSE
-0,072	0,287	-0,002	0,012	0,067	FALSE
-0,028	0,287	-0,001	0,012	0,021	FALSE
-0,079	0,293	-0,002	0,013	0,068	FALSE
0,183	0,283	0,006	0,011	0,258	FALSE
0,060	0,280	0,002	0,007	0,106	FALSE
-0,139	0,285	-0,006	0,014	0,167	FALSE
-0,079	0,288	-0,003	0,012	0,092	FALSE
0,062	0,305	0,001	0,014	0,028	FALSE
-0,050	0,271	0,001	0,007	0,053	FALSE
-0,028	0,282	-0,001	0,014	0,017	FALSE
-0,041	0,286	0,001	0,008	0,025	FALSE
0,100	0,295	0,004	0,011	0,132	FALSE
0,052	0,286	0,002	0,013	0,054	FALSE
0,057	0,289	0,003	0,013	0,074	FALSE
-0,024	0,295	-0,002	0,012	0,058	FALSE
0,039	0,284	0,001	0,009	0,035	FALSE
-0,065	0,283	0,000	0,007	0,012	FALSE
-0,074	0,289	-0,003	0,015	0,075	FALSE
0,040	0,288	0,002	0,011	0,053	FALSE
0,039	0,295	-0,002	0,014	0,050	FALSE
-0,045	0,297	-0,001	0,015	0,036	FALSE
-0,060	0,289	-0,004	0,015	0,101	FALSE
-0,003	0,284	0,000	0,009	0,009	FALSE

-0,007	0,288	0,000	0,013	0,004	FALSE
-0,046	0,274	0,001	0,014	0,016	FALSE
0,013	0,296	0,001	0,008	0,028	FALSE
-0,118	0,272	-0,004	0,009	0,199	FALSE
0,049	0,292	0,002	0,010	0,057	FALSE
0,027	0,276	0,000	0,010	0,001	FALSE
-0,036	0,271	0,000	0,009	0,017	FALSE
-0,186	0,272	-0,007	0,014	0,218	FALSE
-0,123	0,284	-0,006	0,015	0,173	FALSE
0,202	0,292	0,008	0,011	0,330	FALSE
0,251	0,268	0,012	0,014	0,406	FALSE
0,261	0,285	0,009	0,011	0,378	FALSE
0,026	0,304	0,001	0,015	0,013	FALSE
0,031	0,287	-0,001	0,008	0,023	FALSE
-0,002	0,282	0,001	0,008	0,056	FALSE
-0,061	0,282	-0,005	0,013	0,164	FALSE
-0,123	0,305	-0,005	0,012	0,176	FALSE
-0,032	0,295	-0,002	0,014	0,061	FALSE
-0,044	0,288	-0,003	0,014	0,067	FALSE
0,038	0,274	0,000	0,014	0,004	FALSE
-0,023	0,288	0,001	0,009	0,034	FALSE
0,009	0,299	0,002	0,009	0,086	FALSE
0,042	0,286	0,000	0,013	0,013	FALSE
0,033	0,286	0,000	0,012	0,007	FALSE
-0,065	0,276	-0,003	0,009	0,135	FALSE
-0,089	0,275	-0,003	0,008	0,162	FALSE
-0,079	0,294	-0,001	0,007	0,048	FALSE
0,027	0,289	-0,001	0,010	0,038	FALSE
-0,102	0,296	-0,003	0,013	0,098	FALSE
-0,121	0,289	-0,004	0,013	0,125	FALSE
-0,121	0,273	-0,004	0,013	0,121	FALSE
0,000	0,275	-0,001	0,014	0,034	FALSE
-0,001	0,265	-0,001	0,015	0,028	FALSE
0,026	0,299	0,002	0,008	0,073	FALSE
0,076	0,279	0,002	0,012	0,072	FALSE
0,012	0,290	0,001	0,012	0,041	FALSE
0,027	0,282	0,003	0,012	0,086	FALSE
-0,055	0,298	-0,004	0,010	0,156	FALSE
-0,023	0,287	0,002	0,009	0,075	FALSE
0,054	0,279	0,002	0,014	0,043	FALSE
-0,022	0,291	0,002	0,009	0,076	FALSE
-0,071	0,268	-0,002	0,007	0,117	FALSE
-0,094	0,284	-0,001	0,008	0,050	FALSE
-0,025	0,281	-0,002	0,014	0,041	FALSE
0,020	0,284	-0,001	0,009	0,026	FALSE
0,140	0,278	0,006	0,015	0,174	FALSE
0,055	0,290	0,002	0,011	0,061	FALSE
-0,119	0,296	-0,002	0,009	0,070	FALSE
-0,107	0,283	-0,005	0,012	0,185	FALSE
-0,053	0,287	-0,001	0,011	0,034	FALSE
-0,161	0,280	-0,007	0,014	0,225	FALSE
-0,149	0,288	-0,008	0,012	0,297	FALSE
0,032	0,299	0,002	0,013	0,064	FALSE

-0,055	0,278	0,000	0,013	0,000	FALSE
-0,015	0,275	-0,003	0,015	0,084	FALSE
-0,027	0,285	0,002	0,012	0,054	FALSE
0,078	0,292	0,003	0,013	0,095	FALSE
0,039	0,274	0,001	0,012	0,033	FALSE
0,047	0,280	0,002	0,008	0,088	FALSE
0,041	0,277	0,002	0,008	0,092	FALSE
0,047	0,302	0,002	0,009	0,084	FALSE
0,055	0,276	0,001	0,009	0,024	FALSE
-0,034	0,283	-0,001	0,011	0,021	FALSE
0,085	0,292	0,003	0,014	0,066	FALSE
-0,012	0,290	0,000	0,011	0,007	FALSE
-0,128	0,274	-0,005	0,012	0,160	FALSE
-0,021	0,279	-0,001	0,007	0,064	FALSE
0,053	0,294	0,002	0,015	0,052	FALSE
0,049	0,294	0,002	0,015	0,050	FALSE
0,043	0,287	0,000	0,009	0,006	FALSE
0,128	0,285	0,003	0,010	0,133	FALSE
0,002	0,292	0,000	0,009	0,018	FALSE
-0,024	0,280	-0,002	0,012	0,056	FALSE
0,047	0,281	0,003	0,010	0,096	FALSE
0,019	0,284	0,001	0,014	0,034	FALSE
-0,070	0,276	-0,001	0,009	0,046	FALSE
0,079	0,281	0,001	0,008	0,044	FALSE
-0,050	0,296	-0,004	0,011	0,159	FALSE
-0,033	0,298	0,000	0,015	0,002	FALSE
-0,016	0,271	0,002	0,014	0,039	FALSE
0,042	0,283	0,000	0,014	0,008	FALSE
0,044	0,303	0,000	0,014	0,005	FALSE
0,144	0,288	0,006	0,013	0,209	FALSE
-0,019	0,292	0,003	0,013	0,089	FALSE
-0,002	0,282	0,005	0,014	0,146	FALSE
0,050	0,294	0,000	0,013	0,001	FALSE
0,118	0,295	0,003	0,015	0,078	FALSE
0,097	0,286	0,002	0,012	0,066	FALSE
0,102	0,300	0,003	0,013	0,079	FALSE
-0,080	0,277	-0,002	0,014	0,047	FALSE
0,090	0,286	0,002	0,008	0,100	FALSE
-0,142	0,282	-0,003	0,008	0,164	FALSE
-0,030	0,288	0,000	0,009	0,015	FALSE
0,008	0,278	-0,002	0,009	0,075	FALSE
-0,118	0,299	-0,004	0,009	0,159	FALSE
-0,147	0,282	-0,003	0,010	0,136	FALSE
-0,166	0,285	-0,004	0,009	0,181	FALSE
-0,139	0,293	-0,005	0,012	0,159	FALSE
0,144	0,284	0,007	0,011	0,264	FALSE
0,061	0,286	0,002	0,007	0,092	FALSE
0,102	0,290	0,002	0,014	0,047	FALSE
0,099	0,296	0,002	0,008	0,087	FALSE
-0,042	0,294	-0,001	0,012	0,044	FALSE
-0,143	0,294	-0,005	0,015	0,149	FALSE
-0,043	0,285	0,000	0,011	0,012	FALSE
-0,225	0,270	-0,005	0,007	0,290	FALSE

0,173	0,286	0,003	0,007	0,150	FALSE
0,014	0,286	0,002	0,008	0,082	FALSE
-0,083	0,285	-0,002	0,011	0,049	FALSE
0,025	0,301	0,001	0,011	0,030	FALSE
0,027	0,294	0,001	0,008	0,063	FALSE
0,276	0,277	0,011	0,013	0,426	FALSE
0,247	0,286	0,010	0,013	0,350	FALSE
-0,061	0,301	0,000	0,008	0,014	FALSE
-0,143	0,276	-0,004	0,011	0,138	FALSE
-0,086	0,295	-0,001	0,009	0,057	FALSE
0,136	0,281	0,003	0,010	0,132	FALSE
-0,184	0,284	-0,005	0,010	0,194	FALSE
-0,103	0,285	-0,005	0,009	0,228	FALSE
0,215	0,262	0,009	0,013	0,303	FALSE
0,076	0,290	0,002	0,007	0,117	FALSE
0,086	0,275	0,002	0,015	0,057	FALSE
0,176	0,281	0,005	0,009	0,239	FALSE
0,076	0,282	0,001	0,008	0,057	FALSE
0,057	0,289	0,001	0,009	0,030	FALSE
-0,015	0,276	0,000	0,009	0,009	FALSE
0,061	0,270	0,002	0,013	0,070	FALSE
-0,027	0,290	-0,002	0,008	0,087	FALSE
-0,015	0,291	0,000	0,012	0,001	FALSE
0,052	0,300	0,004	0,014	0,117	FALSE
0,106	0,276	0,001	0,010	0,052	FALSE
0,016	0,286	-0,001	0,015	0,014	FALSE
0,075	0,274	0,000	0,010	0,010	FALSE
0,094	0,280	0,001	0,010	0,041	FALSE
-0,042	0,297	0,000	0,009	0,018	FALSE
-0,077	0,286	-0,005	0,011	0,176	FALSE
0,120	0,307	0,006	0,013	0,191	FALSE
-0,068	0,274	-0,002	0,007	0,092	FALSE
-0,030	0,285	-0,001	0,009	0,042	FALSE
0,018	0,295	0,000	0,007	0,005	FALSE
-0,186	0,284	-0,004	0,008	0,206	FALSE
0,082	0,295	0,004	0,012	0,113	FALSE
0,048	0,295	0,001	0,009	0,055	FALSE
0,128	0,272	0,004	0,011	0,157	FALSE
-0,148	0,288	-0,004	0,011	0,146	FALSE
0,100	0,286	0,004	0,010	0,161	FALSE
-0,234	0,268	-0,005	0,008	0,300	FALSE
-0,069	0,287	-0,003	0,009	0,110	FALSE
0,013	0,288	0,000	0,007	0,004	FALSE
-0,045	0,281	-0,002	0,010	0,093	FALSE
0,106	0,292	0,004	0,015	0,095	FALSE
0,043	0,290	0,001	0,014	0,025	FALSE
-0,001	0,283	0,001	0,010	0,036	FALSE
-0,178	0,284	-0,008	0,014	0,225	FALSE
-0,116	0,292	-0,005	0,010	0,183	FALSE
-0,122	0,285	-0,005	0,010	0,197	FALSE
0,070	0,298	0,003	0,015	0,069	FALSE
0,070	0,293	0,003	0,015	0,079	FALSE
0,083	0,298	0,003	0,015	0,071	FALSE

-0,096	0,291	-0,005	0,015	0,134	FALSE
0,038	0,297	0,002	0,015	0,051	FALSE
0,054	0,300	0,002	0,009	0,079	FALSE
-0,065	0,283	-0,002	0,013	0,066	FALSE
0,087	0,286	0,003	0,013	0,092	FALSE
-0,036	0,294	0,001	0,015	0,026	FALSE
-0,005	0,291	-0,003	0,015	0,088	FALSE
0,139	0,276	0,005	0,009	0,238	FALSE
-0,012	0,286	0,000	0,014	0,006	FALSE
-0,047	0,286	-0,001	0,015	0,014	FALSE
-0,031	0,287	0,000	0,014	0,000	FALSE
0,053	0,282	0,002	0,013	0,044	FALSE
-0,101	0,286	-0,002	0,008	0,083	FALSE
0,009	0,282	0,003	0,012	0,085	FALSE
0,015	0,295	0,000	0,012	0,003	FALSE
-0,155	0,272	-0,004	0,009	0,164	FALSE
-0,010	0,303	0,000	0,010	0,003	FALSE
0,064	0,286	0,003	0,012	0,097	FALSE
0,050	0,290	0,000	0,010	0,006	FALSE
0,051	0,296	0,002	0,009	0,076	FALSE
0,088	0,272	0,003	0,008	0,137	FALSE
0,011	0,279	-0,001	0,008	0,035	FALSE
-0,069	0,280	-0,002	0,009	0,100	FALSE
-0,211	0,275	-0,010	0,012	0,386	FALSE
0,199	0,261	0,006	0,011	0,256	FALSE
-0,067	0,266	-0,005	0,014	0,126	FALSE
0,019	0,268	0,000	0,013	0,001	FALSE
-0,140	0,280	-0,008	0,013	0,249	FALSE
0,067	0,278	0,001	0,008	0,065	FALSE
-0,016	0,273	-0,003	0,015	0,064	FALSE
0,115	0,293	0,003	0,007	0,179	FALSE
-0,031	0,276	-0,001	0,008	0,027	FALSE
-0,057	0,278	-0,002	0,008	0,068	FALSE
0,040	0,287	0,000	0,010	0,002	FALSE
-0,117	0,283	-0,002	0,010	0,088	FALSE
-0,089	0,288	-0,002	0,013	0,054	FALSE
-0,156	0,283	-0,005	0,008	0,241	FALSE
-0,100	0,286	-0,005	0,015	0,117	FALSE
0,172	0,281	0,006	0,011	0,246	FALSE
-0,026	0,276	0,000	0,010	0,000	FALSE
-0,093	0,269	-0,006	0,014	0,172	FALSE
-0,103	0,261	-0,003	0,007	0,147	FALSE
-0,159	0,271	-0,005	0,008	0,259	FALSE
-0,149	0,280	-0,004	0,008	0,210	FALSE
0,092	0,265	0,002	0,008	0,103	FALSE
-0,045	0,287	-0,002	0,009	0,069	FALSE
0,037	0,284	0,002	0,015	0,041	FALSE
-0,058	0,295	-0,003	0,009	0,105	FALSE
-0,076	0,296	0,000	0,013	0,012	FALSE
-0,024	0,298	-0,001	0,012	0,039	FALSE
-0,009	0,289	-0,001	0,012	0,019	FALSE
0,054	0,289	0,000	0,012	0,008	FALSE
-0,127	0,283	-0,004	0,015	0,117	FALSE

0,119	0,278	0,004	0,014	0,108	FALSE
-0,165	0,274	-0,007	0,011	0,281	FALSE
-0,102	0,284	-0,005	0,010	0,190	FALSE
-0,054	0,281	-0,002	0,012	0,068	FALSE
-0,017	0,294	-0,002	0,012	0,057	FALSE
0,101	0,282	0,003	0,010	0,126	FALSE
-0,161	0,284	-0,005	0,008	0,233	FALSE
0,036	0,285	0,001	0,015	0,014	FALSE
0,116	0,278	0,002	0,010	0,058	FALSE
-0,041	0,299	-0,002	0,008	0,076	FALSE
-0,035	0,296	-0,001	0,014	0,030	FALSE
-0,110	0,285	-0,006	0,012	0,216	FALSE
0,150	0,295	0,004	0,009	0,161	FALSE
0,151	0,280	0,006	0,014	0,162	FALSE
0,127	0,284	0,006	0,015	0,154	FALSE
0,100	0,295	0,002	0,009	0,092	FALSE
0,131	0,277	0,005	0,008	0,258	FALSE
0,059	0,282	0,005	0,013	0,156	FALSE
0,009	0,289	0,002	0,013	0,062	FALSE
-0,141	0,277	-0,003	0,009	0,151	FALSE
0,102	0,277	0,003	0,008	0,144	FALSE
0,039	0,291	0,001	0,007	0,044	FALSE
0,006	0,286	0,000	0,012	0,001	FALSE
-0,116	0,278	-0,001	0,013	0,025	FALSE
0,114	0,285	0,005	0,009	0,226	FALSE
-0,164	0,274	-0,005	0,010	0,202	FALSE
-0,040	0,279	0,000	0,014	0,004	FALSE
0,058	0,283	0,004	0,014	0,118	FALSE
0,058	0,279	0,002	0,009	0,070	FALSE
0,007	0,288	-0,001	0,012	0,022	FALSE
-0,164	0,266	-0,004	0,008	0,189	FALSE
-0,046	0,285	-0,003	0,015	0,069	FALSE
-0,140	0,271	-0,005	0,008	0,245	FALSE
0,046	0,295	0,002	0,007	0,113	FALSE
0,007	0,295	0,000	0,014	0,005	FALSE
0,037	0,269	0,002	0,011	0,051	FALSE
0,074	0,284	0,001	0,009	0,052	FALSE
0,091	0,279	0,000	0,010	0,014	FALSE
-0,104	0,289	-0,003	0,008	0,153	FALSE
0,059	0,297	0,002	0,009	0,093	FALSE
0,022	0,287	-0,003	0,014	0,079	FALSE
0,078	0,288	0,000	0,014	0,009	FALSE
0,082	0,286	0,000	0,013	0,000	FALSE
-0,029	0,297	-0,002	0,014	0,047	FALSE
-0,042	0,299	-0,002	0,014	0,039	FALSE
-0,049	0,286	-0,001	0,010	0,019	FALSE
-0,041	0,276	0,001	0,011	0,032	FALSE
0,013	0,297	0,001	0,013	0,017	FALSE
-0,107	0,281	-0,003	0,008	0,123	FALSE
0,061	0,296	0,001	0,011	0,021	FALSE
-0,034	0,287	0,000	0,011	0,002	FALSE
-0,027	0,290	-0,001	0,010	0,025	FALSE
-0,162	0,285	-0,005	0,011	0,208	FALSE

0,161	0,264	0,004	0,011	0,142	FALSE
0,022	0,281	0,002	0,009	0,097	FALSE
0,084	0,268	0,002	0,009	0,098	FALSE
0,035	0,283	0,004	0,013	0,111	FALSE
0,096	0,285	0,003	0,008	0,127	FALSE
0,117	0,280	0,005	0,015	0,127	FALSE
-0,060	0,289	0,000	0,011	0,005	FALSE
0,061	0,290	0,003	0,008	0,119	FALSE
-0,109	0,280	-0,003	0,009	0,129	FALSE
-0,040	0,295	-0,001	0,011	0,029	FALSE
0,019	0,290	0,000	0,012	0,003	FALSE
0,030	0,285	0,002	0,012	0,050	FALSE
-0,160	0,281	-0,005	0,009	0,247	FALSE
-0,151	0,262	-0,004	0,008	0,214	FALSE
0,102	0,276	0,005	0,014	0,156	FALSE
0,057	0,285	0,002	0,013	0,064	FALSE
0,047	0,281	0,002	0,008	0,101	FALSE
-0,051	0,277	-0,001	0,012	0,041	FALSE
0,055	0,290	0,002	0,014	0,056	FALSE
0,087	0,283	0,002	0,009	0,106	FALSE
0,120	0,286	0,004	0,011	0,153	FALSE
0,079	0,290	0,001	0,010	0,053	FALSE
-0,125	0,281	-0,004	0,007	0,227	FALSE
0,161	0,281	0,010	0,015	0,317	FALSE
0,133	0,290	0,009	0,015	0,240	FALSE
-0,011	0,274	0,000	0,007	0,012	FALSE
-0,168	0,288	-0,006	0,011	0,229	FALSE
0,173	0,286	0,008	0,015	0,223	FALSE
-0,207	0,275	-0,007	0,012	0,246	FALSE
0,093	0,282	0,003	0,013	0,098	FALSE
0,050	0,287	0,004	0,016	0,086	FALSE
0,120	0,277	0,007	0,015	0,208	FALSE
-0,182	0,286	-0,006	0,011	0,233	FALSE
-0,264	0,271	-0,009	0,010	0,441	FALSE
-0,066	0,276	-0,002	0,014	0,059	FALSE
-0,047	0,282	0,000	0,010	0,011	FALSE
-0,027	0,291	0,001	0,014	0,013	FALSE
0,004	0,295	-0,002	0,013	0,043	FALSE
-0,047	0,274	-0,001	0,009	0,038	FALSE
0,047	0,289	0,002	0,010	0,065	FALSE
0,078	0,279	0,002	0,010	0,083	FALSE
0,026	0,267	-0,002	0,013	0,051	FALSE
-0,092	0,271	-0,002	0,009	0,077	FALSE
-0,017	0,290	0,001	0,013	0,032	FALSE
0,036	0,287	0,005	0,014	0,145	FALSE
-0,032	0,281	-0,001	0,013	0,022	FALSE
-0,028	0,294	-0,001	0,013	0,023	FALSE
-0,019	0,283	-0,001	0,014	0,023	FALSE
0,028	0,301	0,001	0,009	0,023	FALSE
-0,061	0,300	-0,001	0,008	0,065	FALSE
0,210	0,293	0,005	0,010	0,231	FALSE
0,220	0,288	0,006	0,008	0,375	FALSE
-0,005	0,272	-0,001	0,008	0,027	FALSE

0,192	0,276	0,006	0,013	0,198	FALSE
-0,032	0,288	-0,001	0,008	0,047	FALSE
-0,190	0,293	-0,005	0,009	0,218	FALSE
-0,182	0,292	-0,004	0,008	0,196	FALSE
-0,003	0,282	-0,001	0,010	0,051	FALSE
-0,169	0,289	-0,006	0,009	0,286	FALSE
-0,006	0,289	0,000	0,010	0,014	FALSE
-0,038	0,275	-0,002	0,015	0,046	FALSE
-0,006	0,291	-0,001	0,008	0,030	FALSE
0,021	0,284	0,002	0,014	0,057	FALSE
-0,002	0,307	0,001	0,012	0,038	FALSE
0,015	0,292	0,002	0,011	0,069	FALSE
-0,112	0,281	-0,001	0,011	0,051	FALSE
-0,083	0,284	-0,003	0,013	0,082	FALSE
0,095	0,275	0,002	0,007	0,127	FALSE
0,042	0,281	0,001	0,010	0,027	FALSE
-0,079	0,295	-0,002	0,009	0,102	FALSE
-0,061	0,295	-0,001	0,013	0,018	FALSE
-0,017	0,289	0,000	0,009	0,000	FALSE
-0,105	0,292	-0,002	0,009	0,062	FALSE
-0,044	0,281	-0,002	0,014	0,061	FALSE
0,150	0,292	0,006	0,014	0,169	FALSE
0,097	0,293	0,005	0,015	0,132	FALSE
0,167	0,290	0,005	0,010	0,189	FALSE
0,249	0,285	0,008	0,010	0,373	FALSE
-0,023	0,279	0,000	0,011	0,004	FALSE
0,229	0,287	0,004	0,008	0,219	FALSE
0,076	0,294	0,004	0,008	0,185	FALSE
-0,083	0,271	-0,001	0,009	0,056	FALSE
-0,107	0,276	-0,007	0,014	0,197	FALSE
-0,018	0,275	0,001	0,012	0,040	FALSE
-0,041	0,295	0,000	0,008	0,012	FALSE
0,058	0,299	0,004	0,013	0,127	FALSE
0,038	0,295	0,004	0,013	0,109	FALSE
0,055	0,291	0,002	0,012	0,077	FALSE
-0,097	0,289	-0,004	0,011	0,132	FALSE
0,026	0,278	0,002	0,014	0,052	FALSE
-0,073	0,289	-0,003	0,015	0,089	FALSE
0,079	0,295	0,006	0,014	0,170	FALSE
-0,131	0,289	-0,005	0,011	0,209	FALSE
0,071	0,277	0,005	0,012	0,183	FALSE
0,142	0,289	0,004	0,011	0,151	FALSE
-0,078	0,283	-0,001	0,008	0,034	FALSE
-0,198	0,272	-0,011	0,013	0,386	FALSE
0,057	0,283	0,002	0,014	0,065	FALSE
-0,058	0,277	-0,003	0,009	0,130	FALSE
0,045	0,286	0,004	0,012	0,109	FALSE
0,091	0,285	0,003	0,009	0,111	FALSE
-0,013	0,287	0,000	0,012	0,000	FALSE
0,135	0,291	0,006	0,015	0,166	FALSE
-0,013	0,295	-0,001	0,008	0,061	FALSE
-0,053	0,285	0,001	0,014	0,026	FALSE
0,230	0,276	0,011	0,014	0,343	FALSE

-0,206	0,286	-0,008	0,015	0,241	FALSE
-0,001	0,285	0,003	0,011	0,089	FALSE
-0,108	0,285	-0,002	0,008	0,093	FALSE
-0,029	0,292	-0,001	0,013	0,024	FALSE
0,086	0,280	0,002	0,010	0,074	FALSE
-0,058	0,291	-0,003	0,015	0,086	FALSE
-0,173	0,281	-0,007	0,013	0,207	FALSE
-0,040	0,300	0,000	0,014	0,000	FALSE
0,147	0,285	0,006	0,010	0,243	FALSE
-0,101	0,289	-0,002	0,008	0,108	FALSE
0,025	0,287	0,003	0,008	0,130	FALSE
0,015	0,292	0,003	0,009	0,114	FALSE
-0,003	0,277	0,000	0,011	0,001	FALSE
0,195	0,270	0,006	0,015	0,183	FALSE
0,005	0,300	0,000	0,015	0,009	FALSE
0,035	0,290	0,001	0,008	0,039	FALSE
0,006	0,281	0,000	0,010	0,009	FALSE
-0,104	0,300	-0,003	0,014	0,087	FALSE
0,046	0,281	0,002	0,008	0,087	FALSE
0,027	0,278	0,001	0,013	0,037	FALSE
-0,062	0,299	-0,003	0,014	0,073	FALSE
0,092	0,287	0,002	0,008	0,100	FALSE
-0,018	0,286	0,000	0,009	0,009	FALSE
-0,159	0,284	-0,009	0,013	0,284	FALSE
0,050	0,288	0,004	0,009	0,159	FALSE
0,158	0,271	0,010	0,014	0,334	FALSE
-0,066	0,275	-0,001	0,014	0,017	FALSE
0,090	0,291	0,003	0,011	0,117	FALSE
-0,033	0,286	-0,002	0,008	0,073	FALSE
0,080	0,303	0,003	0,011	0,096	FALSE
-0,069	0,281	-0,002	0,009	0,085	FALSE
-0,113	0,287	-0,005	0,015	0,146	FALSE
0,060	0,287	0,002	0,009	0,085	FALSE
0,097	0,284	0,005	0,014	0,129	FALSE
0,086	0,279	0,004	0,013	0,112	FALSE
0,028	0,301	0,001	0,014	0,032	FALSE
0,002	0,286	0,000	0,013	0,002	FALSE
0,020	0,292	-0,001	0,015	0,013	FALSE
-0,024	0,283	0,000	0,012	0,013	FALSE
0,023	0,295	0,002	0,013	0,055	FALSE
-0,057	0,274	-0,001	0,010	0,019	FALSE
0,069	0,283	0,000	0,012	0,005	FALSE
-0,003	0,282	-0,002	0,012	0,061	FALSE
0,016	0,287	-0,002	0,012	0,055	FALSE
-0,092	0,278	-0,004	0,011	0,138	FALSE
-0,015	0,292	-0,001	0,008	0,032	FALSE
-0,038	0,286	-0,001	0,008	0,042	FALSE
-0,025	0,280	0,002	0,010	0,055	FALSE
-0,082	0,290	-0,002	0,008	0,105	FALSE
0,063	0,291	0,002	0,010	0,063	FALSE
0,078	0,289	0,002	0,013	0,070	FALSE
0,099	0,271	0,001	0,010	0,050	FALSE
0,120	0,273	0,003	0,013	0,080	FALSE

0,001	0,286	0,001	0,007	0,025	FALSE
-0,002	0,274	-0,003	0,011	0,090	FALSE
0,027	0,279	0,002	0,012	0,054	FALSE
-0,102	0,276	-0,003	0,009	0,128	FALSE
-0,110	0,287	-0,003	0,010	0,132	FALSE
-0,081	0,277	-0,002	0,009	0,098	FALSE
0,071	0,289	0,000	0,011	0,004	FALSE
-0,096	0,284	-0,001	0,014	0,038	FALSE
-0,047	0,282	-0,003	0,012	0,089	FALSE
0,081	0,294	0,004	0,014	0,095	FALSE
0,041	0,303	0,002	0,015	0,047	FALSE
-0,031	0,287	-0,001	0,012	0,041	FALSE
0,038	0,294	0,001	0,007	0,049	FALSE
-0,090	0,285	-0,002	0,008	0,121	FALSE
-0,152	0,278	-0,005	0,009	0,234	FALSE
-0,064	0,291	-0,001	0,008	0,064	FALSE
-0,151	0,272	-0,007	0,011	0,262	FALSE
0,148	0,285	0,003	0,008	0,171	FALSE
0,104	0,279	0,002	0,007	0,124	FALSE
0,068	0,295	0,001	0,010	0,039	FALSE
-0,007	0,281	0,001	0,010	0,037	FALSE
0,049	0,287	0,002	0,012	0,058	FALSE
0,089	0,290	0,005	0,015	0,137	FALSE
0,019	0,290	-0,001	0,013	0,017	FALSE
0,011	0,296	0,000	0,010	0,003	FALSE
-0,109	0,268	-0,005	0,010	0,195	FALSE
-0,243	0,276	-0,009	0,014	0,288	FALSE
-0,222	0,267	-0,008	0,013	0,282	FALSE
-0,074	0,299	-0,001	0,010	0,049	FALSE
-0,216	0,278	-0,008	0,013	0,277	FALSE
-0,076	0,276	-0,003	0,011	0,089	FALSE
-0,040	0,282	-0,001	0,011	0,035	FALSE
-0,118	0,291	-0,004	0,012	0,132	FALSE
-0,036	0,278	-0,001	0,009	0,059	FALSE
0,002	0,297	-0,001	0,009	0,037	FALSE
0,002	0,289	0,000	0,009	0,019	FALSE
-0,007	0,292	0,002	0,012	0,072	FALSE
-0,062	0,285	0,000	0,013	0,005	FALSE
-0,032	0,284	-0,002	0,014	0,057	FALSE
0,067	0,276	0,001	0,015	0,035	FALSE
-0,010	0,275	-0,001	0,008	0,028	FALSE
0,124	0,291	0,005	0,015	0,130	FALSE
-0,057	0,296	-0,003	0,015	0,068	FALSE
-0,041	0,289	-0,001	0,010	0,041	FALSE
0,043	0,292	0,002	0,010	0,054	FALSE
-0,052	0,287	-0,003	0,010	0,105	FALSE
-0,126	0,276	-0,007	0,012	0,230	FALSE
0,095	0,287	0,003	0,009	0,114	FALSE
-0,090	0,278	-0,003	0,013	0,083	FALSE
0,041	0,282	-0,001	0,012	0,031	FALSE
0,077	0,275	0,004	0,013	0,115	FALSE
-0,076	0,291	-0,002	0,010	0,064	FALSE
0,043	0,293	0,003	0,014	0,072	FALSE

-0,031	0,292	-0,001	0,010	0,044	FALSE
0,099	0,283	0,003	0,008	0,140	FALSE
0,296	0,262	0,012	0,013	0,450	FALSE
0,163	0,282	0,003	0,007	0,189	FALSE
0,133	0,277	0,003	0,007	0,142	FALSE
0,135	0,275	0,002	0,007	0,137	FALSE
0,059	0,276	0,003	0,011	0,117	FALSE
-0,166	0,288	-0,004	0,008	0,239	FALSE
0,111	0,273	0,002	0,008	0,097	FALSE
-0,001	0,280	0,001	0,009	0,038	FALSE
0,009	0,300	0,002	0,011	0,076	FALSE
0,184	0,296	0,005	0,010	0,194	FALSE
0,007	0,285	-0,001	0,015	0,013	FALSE
-0,072	0,283	-0,003	0,008	0,152	FALSE
-0,023	0,297	-0,001	0,013	0,035	FALSE
-0,092	0,288	-0,001	0,011	0,017	FALSE
-0,037	0,303	-0,001	0,010	0,026	FALSE
-0,166	0,276	-0,005	0,008	0,227	FALSE
0,015	0,301	0,002	0,015	0,051	FALSE
-0,006	0,292	-0,001	0,015	0,033	FALSE
0,085	0,298	0,005	0,015	0,140	FALSE
0,055	0,285	0,003	0,014	0,088	FALSE
0,252	0,271	0,006	0,009	0,337	FALSE
0,004	0,282	0,000	0,007	0,003	FALSE
0,119	0,281	0,004	0,012	0,146	FALSE
0,151	0,283	0,005	0,012	0,174	FALSE
0,092	0,298	0,003	0,008	0,177	FALSE
-0,174	0,283	-0,006	0,013	0,215	FALSE
0,118	0,284	0,003	0,007	0,157	FALSE
-0,143	0,284	-0,006	0,013	0,173	FALSE
0,095	0,279	0,003	0,009	0,104	FALSE
0,072	0,291	0,003	0,015	0,072	FALSE
-0,088	0,280	-0,002	0,009	0,079	FALSE
0,106	0,280	0,003	0,013	0,077	FALSE
0,115	0,276	0,004	0,013	0,103	FALSE
0,171	0,274	0,007	0,013	0,228	FALSE
0,221	0,263	0,010	0,014	0,320	FALSE
0,173	0,266	0,006	0,014	0,182	FALSE
0,045	0,292	0,001	0,007	0,054	FALSE
-0,030	0,294	0,000	0,015	0,000	FALSE
0,166	0,278	0,005	0,014	0,135	FALSE
-0,136	0,297	-0,005	0,012	0,168	FALSE
0,197	0,277	0,007	0,014	0,196	FALSE
0,197	0,292	0,007	0,014	0,188	FALSE
0,115	0,285	0,003	0,012	0,109	FALSE
-0,056	0,283	-0,001	0,013	0,030	FALSE
0,154	0,284	0,008	0,015	0,239	FALSE
-0,021	0,279	0,001	0,010	0,023	FALSE
0,121	0,277	0,006	0,012	0,215	FALSE
0,034	0,288	0,001	0,009	0,038	FALSE
0,137	0,281	0,005	0,013	0,159	FALSE
-0,059	0,299	-0,001	0,009	0,055	FALSE
0,137	0,296	0,005	0,013	0,141	FALSE

0,112	0,279	0,004	0,013	0,128	FALSE
0,067	0,295	0,003	0,011	0,104	FALSE
-0,069	0,277	-0,001	0,010	0,049	FALSE
-0,053	0,283	-0,001	0,010	0,030	FALSE
-0,023	0,299	0,000	0,013	0,011	FALSE
-0,116	0,282	-0,003	0,007	0,141	FALSE
0,029	0,288	0,000	0,014	0,004	FALSE
-0,143	0,286	-0,004	0,011	0,141	FALSE
-0,065	0,290	-0,002	0,007	0,092	FALSE
-0,066	0,276	-0,002	0,008	0,116	FALSE
0,073	0,281	0,000	0,008	0,007	FALSE
-0,051	0,292	-0,001	0,007	0,059	FALSE
-0,069	0,294	-0,001	0,009	0,051	FALSE
-0,014	0,295	0,000	0,008	0,014	FALSE
-0,007	0,271	0,000	0,012	0,003	FALSE
0,068	0,294	0,002	0,008	0,076	FALSE
-0,138	0,276	-0,004	0,011	0,129	FALSE
-0,013	0,285	0,000	0,009	0,010	FALSE
0,013	0,285	0,001	0,009	0,026	FALSE
0,004	0,280	0,001	0,012	0,037	FALSE
0,130	0,282	0,004	0,012	0,126	FALSE
0,048	0,295	0,002	0,014	0,046	FALSE
-0,034	0,282	-0,002	0,009	0,063	FALSE
0,033	0,283	0,000	0,010	0,010	FALSE
-0,034	0,286	0,002	0,012	0,079	FALSE
0,073	0,281	0,001	0,011	0,031	FALSE
-0,022	0,293	0,002	0,012	0,081	FALSE
-0,058	0,280	-0,002	0,012	0,066	FALSE
0,071	0,274	0,005	0,009	0,245	FALSE
0,000	0,288	-0,001	0,010	0,027	FALSE
0,074	0,293	0,000	0,009	0,012	FALSE
-0,049	0,286	-0,001	0,008	0,053	FALSE
0,013	0,279	0,001	0,009	0,049	FALSE
-0,072	0,280	-0,005	0,013	0,152	FALSE
-0,182	0,290	-0,005	0,009	0,252	FALSE
0,077	0,291	0,002	0,012	0,054	FALSE
-0,031	0,273	0,001	0,014	0,016	FALSE
0,121	0,286	0,005	0,015	0,136	FALSE
-0,065	0,282	-0,002	0,009	0,064	FALSE
0,044	0,275	-0,001	0,010	0,040	FALSE
0,033	0,278	0,002	0,008	0,091	FALSE
0,031	0,284	0,000	0,008	0,016	FALSE
-0,105	0,284	-0,004	0,010	0,148	FALSE
-0,114	0,285	-0,003	0,008	0,178	FALSE
0,003	0,292	0,000	0,010	0,002	FALSE
0,038	0,270	0,002	0,014	0,042	FALSE
0,158	0,280	0,003	0,008	0,169	FALSE
-0,063	0,273	-0,003	0,009	0,145	FALSE
0,256	0,247	0,010	0,013	0,348	FALSE
0,002	0,276	0,001	0,014	0,038	FALSE
-0,048	0,297	-0,006	0,015	0,150	FALSE
0,074	0,283	0,003	0,010	0,108	FALSE
-0,052	0,279	-0,004	0,012	0,124	FALSE

-0,192	0,276	-0,006	0,012	0,185	FALSE
-0,057	0,281	0,000	0,007	0,018	FALSE
0,175	0,272	0,007	0,013	0,223	FALSE
-0,036	0,289	0,000	0,009	0,013	FALSE
0,135	0,282	0,004	0,010	0,184	FALSE
0,064	0,293	0,001	0,009	0,057	FALSE
-0,036	0,288	-0,001	0,009	0,024	FALSE
0,009	0,292	0,002	0,014	0,048	FALSE
0,108	0,297	0,003	0,010	0,129	FALSE
-0,044	0,278	-0,003	0,011	0,114	FALSE
-0,004	0,292	0,001	0,008	0,030	FALSE
0,004	0,284	0,000	0,012	0,001	FALSE
0,079	0,287	0,004	0,013	0,113	FALSE
0,016	0,296	0,001	0,008	0,058	FALSE
-0,017	0,277	-0,001	0,012	0,023	FALSE
-0,133	0,272	-0,004	0,009	0,217	FALSE
0,001	0,275	-0,001	0,009	0,039	FALSE
-0,010	0,298	0,000	0,008	0,001	FALSE
-0,278	0,287	-0,008	0,009	0,406	FALSE
0,054	0,282	0,001	0,007	0,068	FALSE
-0,064	0,277	-0,001	0,011	0,017	FALSE
0,216	0,284	0,006	0,010	0,264	FALSE
0,037	0,295	0,001	0,009	0,024	FALSE
0,097	0,286	0,004	0,012	0,143	FALSE
-0,128	0,292	-0,004	0,013	0,131	FALSE
-0,004	0,302	0,000	0,009	0,003	FALSE
-0,053	0,277	-0,004	0,013	0,126	FALSE
0,063	0,283	0,000	0,009	0,014	FALSE
0,072	0,281	0,000	0,009	0,016	FALSE
0,080	0,282	0,003	0,010	0,097	FALSE
-0,108	0,275	-0,002	0,007	0,091	FALSE
-0,072	0,291	-0,001	0,010	0,021	FALSE
-0,011	0,292	-0,002	0,014	0,039	FALSE
-0,006	0,281	0,001	0,010	0,018	FALSE
-0,059	0,281	-0,003	0,013	0,097	FALSE
-0,006	0,277	-0,004	0,013	0,121	FALSE
0,143	0,272	0,008	0,013	0,260	FALSE
0,004	0,293	0,000	0,011	0,002	FALSE
0,062	0,282	0,000	0,013	0,009	FALSE
-0,005	0,289	-0,002	0,008	0,082	FALSE
0,034	0,277	-0,001	0,007	0,064	FALSE
-0,077	0,271	-0,001	0,009	0,044	FALSE
-0,055	0,293	0,000	0,008	0,017	FALSE
0,018	0,280	0,001	0,012	0,039	FALSE
-0,090	0,281	-0,001	0,008	0,056	FALSE
-0,193	0,274	-0,008	0,011	0,370	FALSE
-0,016	0,275	0,000	0,010	0,017	FALSE
-0,249	0,269	-0,008	0,011	0,360	FALSE
-0,087	0,277	-0,005	0,014	0,151	FALSE
-0,047	0,289	-0,001	0,011	0,032	FALSE
-0,108	0,290	-0,004	0,012	0,126	FALSE
-0,064	0,290	-0,003	0,010	0,115	FALSE
-0,048	0,284	-0,003	0,009	0,115	FALSE

0,014	0,268	0,001	0,014	0,031	FALSE
-0,099	0,285	-0,007	0,014	0,210	FALSE
0,189	0,286	0,007	0,010	0,309	FALSE
0,117	0,286	0,006	0,011	0,223	FALSE
-0,011	0,286	-0,001	0,014	0,028	FALSE
-0,031	0,288	0,000	0,012	0,010	FALSE
-0,025	0,281	-0,001	0,008	0,041	FALSE
0,159	0,288	0,003	0,007	0,197	FALSE
-0,057	0,276	0,000	0,008	0,001	FALSE
0,037	0,298	0,001	0,009	0,053	FALSE
0,075	0,274	0,002	0,011	0,064	FALSE
0,047	0,289	0,001	0,014	0,034	FALSE
0,034	0,285	0,002	0,009	0,078	FALSE
-0,058	0,284	-0,004	0,012	0,133	FALSE
0,006	0,291	-0,003	0,014	0,069	FALSE
0,053	0,285	0,001	0,007	0,038	FALSE
0,006	0,287	-0,001	0,013	0,022	FALSE
-0,015	0,281	0,001	0,009	0,047	FALSE
0,028	0,278	-0,001	0,012	0,019	FALSE
0,051	0,281	0,003	0,009	0,116	FALSE
-0,046	0,289	-0,001	0,007	0,060	FALSE
-0,030	0,297	-0,002	0,010	0,063	FALSE
-0,022	0,297	-0,002	0,010	0,062	FALSE
-0,085	0,290	-0,002	0,011	0,077	FALSE
0,181	0,279	0,009	0,014	0,281	FALSE
0,114	0,284	0,004	0,012	0,114	FALSE
-0,014	0,296	0,002	0,012	0,066	FALSE
-0,143	0,281	-0,005	0,008	0,243	FALSE
0,095	0,276	0,001	0,008	0,028	FALSE
-0,004	0,293	-0,001	0,011	0,040	FALSE
-0,100	0,283	-0,005	0,011	0,196	FALSE
-0,232	0,270	-0,006	0,008	0,375	FALSE
0,106	0,296	0,001	0,008	0,062	FALSE
0,174	0,281	0,007	0,014	0,210	FALSE
0,125	0,290	0,004	0,015	0,113	FALSE
0,002	0,302	0,000	0,008	0,014	FALSE
0,062	0,278	0,003	0,010	0,104	FALSE
-0,033	0,292	-0,001	0,011	0,021	FALSE
-0,055	0,264	-0,002	0,007	0,113	FALSE
0,029	0,294	0,003	0,014	0,093	FALSE
0,068	0,294	0,003	0,013	0,093	FALSE
-0,158	0,272	-0,005	0,013	0,152	FALSE
-0,029	0,283	-0,001	0,009	0,020	FALSE
-0,057	0,278	-0,003	0,008	0,140	FALSE
0,164	0,282	0,003	0,008	0,175	FALSE
0,194	0,291	0,006	0,010	0,263	FALSE
0,004	0,285	0,003	0,013	0,079	FALSE
0,010	0,286	0,002	0,007	0,120	FALSE
-0,069	0,293	-0,006	0,015	0,147	FALSE
-0,079	0,285	-0,003	0,012	0,087	FALSE
-0,008	0,292	-0,003	0,011	0,087	FALSE
-0,219	0,272	-0,006	0,009	0,289	FALSE
-0,022	0,285	-0,001	0,010	0,050	FALSE

-0,153	0,270	-0,004	0,013	0,118	FALSE
-0,170	0,287	-0,005	0,011	0,164	FALSE
0,001	0,288	-0,001	0,008	0,051	FALSE
0,051	0,274	0,000	0,009	0,009	FALSE
0,078	0,284	0,003	0,009	0,129	FALSE
0,086	0,286	0,003	0,009	0,132	FALSE
0,215	0,279	0,006	0,009	0,311	FALSE
0,076	0,289	0,002	0,008	0,103	FALSE
-0,091	0,286	-0,003	0,009	0,146	FALSE
0,179	0,281	0,005	0,009	0,229	FALSE
-0,075	0,288	-0,001	0,007	0,066	FALSE
-0,025	0,282	0,001	0,014	0,024	FALSE
-0,041	0,294	0,000	0,014	0,010	FALSE
0,014	0,303	0,002	0,014	0,056	FALSE
0,046	0,281	0,002	0,010	0,063	FALSE
0,086	0,301	0,003	0,008	0,157	FALSE
-0,078	0,283	-0,002	0,011	0,081	FALSE
-0,006	0,286	0,000	0,010	0,004	FALSE
-0,112	0,300	-0,004	0,012	0,141	FALSE
-0,156	0,279	-0,004	0,008	0,221	FALSE
-0,132	0,285	-0,006	0,014	0,173	FALSE
0,094	0,273	0,006	0,014	0,159	FALSE
0,196	0,276	0,009	0,014	0,270	FALSE
0,026	0,282	0,001	0,011	0,029	FALSE
0,055	0,293	0,003	0,011	0,101	FALSE
0,051	0,289	0,001	0,008	0,040	FALSE
-0,048	0,290	-0,003	0,013	0,091	FALSE
0,000	0,280	-0,002	0,011	0,072	FALSE
0,077	0,284	0,005	0,015	0,123	FALSE
-0,086	0,279	-0,006	0,014	0,181	FALSE
-0,060	0,295	-0,001	0,007	0,068	FALSE
-0,055	0,284	-0,004	0,013	0,133	FALSE
-0,088	0,299	-0,004	0,013	0,104	FALSE
-0,124	0,283	-0,003	0,011	0,093	FALSE
0,025	0,278	0,001	0,013	0,037	FALSE
0,139	0,287	0,004	0,013	0,119	FALSE
0,240	0,288	0,005	0,008	0,267	FALSE
0,290	0,274	0,008	0,009	0,442	FALSE
-0,006	0,297	-0,003	0,010	0,113	FALSE
-0,026	0,289	-0,003	0,015	0,071	FALSE
0,030	0,297	0,000	0,015	0,003	FALSE
-0,020	0,290	-0,001	0,015	0,014	FALSE
0,010	0,282	0,000	0,014	0,007	FALSE
-0,057	0,292	-0,003	0,012	0,113	FALSE
-0,076	0,285	-0,004	0,011	0,149	FALSE
-0,143	0,289	-0,008	0,015	0,210	FALSE
-0,018	0,282	0,001	0,014	0,036	FALSE
-0,187	0,276	-0,007	0,014	0,189	FALSE
-0,164	0,283	-0,006	0,015	0,164	FALSE
-0,053	0,292	0,000	0,008	0,000	FALSE
0,092	0,284	0,003	0,008	0,161	FALSE
0,038	0,306	0,004	0,014	0,104	FALSE
-0,008	0,304	0,000	0,010	0,003	FALSE

-0,051	0,289	0,000	0,015	0,003	FALSE
-0,025	0,284	-0,001	0,010	0,037	FALSE
0,035	0,295	0,001	0,010	0,027	FALSE
0,040	0,283	0,001	0,010	0,030	FALSE
-0,067	0,286	-0,001	0,012	0,035	FALSE
0,080	0,298	0,003	0,012	0,101	FALSE
-0,110	0,281	-0,003	0,010	0,133	FALSE
-0,040	0,296	-0,002	0,015	0,042	FALSE
-0,131	0,277	-0,003	0,008	0,117	FALSE
0,067	0,300	0,004	0,012	0,138	FALSE
-0,041	0,285	-0,003	0,013	0,105	FALSE
0,119	0,278	0,005	0,013	0,161	FALSE
-0,165	0,283	-0,003	0,008	0,169	FALSE
0,118	0,297	0,003	0,009	0,125	FALSE
0,045	0,293	0,001	0,012	0,023	FALSE
0,004	0,303	0,000	0,012	0,005	FALSE
-0,030	0,300	-0,003	0,014	0,074	FALSE
0,009	0,287	-0,001	0,008	0,048	FALSE
-0,009	0,294	-0,001	0,010	0,028	FALSE
-0,056	0,302	-0,005	0,015	0,123	FALSE
0,093	0,279	0,003	0,014	0,074	FALSE
-0,031	0,265	-0,002	0,008	0,086	FALSE
0,134	0,282	0,005	0,014	0,131	FALSE
0,016	0,271	0,000	0,007	0,005	FALSE
-0,085	0,288	-0,002	0,009	0,069	FALSE
-0,093	0,293	-0,002	0,009	0,097	FALSE
0,018	0,288	0,001	0,011	0,045	FALSE
0,061	0,307	0,002	0,016	0,038	FALSE
-0,014	0,272	-0,002	0,012	0,055	FALSE
0,025	0,281	0,000	0,013	0,007	FALSE
0,080	0,286	0,003	0,014	0,095	FALSE
-0,023	0,292	0,000	0,013	0,002	FALSE
-0,001	0,282	0,000	0,009	0,010	FALSE
-0,009	0,295	0,000	0,009	0,010	FALSE
0,006	0,302	0,000	0,009	0,001	FALSE
0,035	0,298	0,001	0,010	0,048	FALSE
0,042	0,299	0,002	0,012	0,075	FALSE
0,055	0,298	0,003	0,013	0,088	FALSE
0,118	0,290	0,005	0,012	0,192	FALSE
0,124	0,284	0,006	0,012	0,192	FALSE
0,106	0,288	0,005	0,011	0,169	FALSE
0,053	0,295	0,002	0,012	0,071	FALSE
0,094	0,295	0,004	0,012	0,140	FALSE
0,091	0,282	0,004	0,012	0,148	FALSE
0,082	0,288	0,004	0,012	0,120	FALSE
0,114	0,296	0,005	0,012	0,150	FALSE
-0,008	0,293	0,000	0,015	0,009	FALSE
-0,027	0,279	-0,001	0,009	0,037	FALSE
0,029	0,293	0,002	0,009	0,076	FALSE
-0,121	0,278	-0,003	0,007	0,138	FALSE
-0,036	0,269	-0,001	0,008	0,023	FALSE
0,002	0,271	0,001	0,009	0,037	FALSE
-0,022	0,274	0,000	0,008	0,002	FALSE

0,020	0,282	0,000	0,014	0,002	FALSE
0,000	0,272	0,001	0,008	0,045	FALSE
0,001	0,274	0,001	0,009	0,033	FALSE
0,022	0,288	-0,002	0,015	0,041	FALSE
-0,074	0,288	-0,002	0,014	0,064	FALSE
0,019	0,285	0,001	0,008	0,036	FALSE
0,007	0,292	0,000	0,014	0,012	FALSE
-0,091	0,286	-0,002	0,008	0,103	FALSE
0,033	0,286	0,000	0,013	0,012	FALSE
-0,026	0,273	0,000	0,010	0,003	FALSE
-0,075	0,281	-0,002	0,008	0,073	FALSE
-0,104	0,286	-0,003	0,008	0,123	FALSE
-0,080	0,296	-0,002	0,009	0,073	FALSE
-0,043	0,273	-0,001	0,007	0,038	FALSE
-0,074	0,278	-0,003	0,012	0,084	FALSE
-0,064	0,295	-0,003	0,011	0,089	FALSE
0,033	0,278	0,000	0,009	0,012	FALSE
-0,031	0,280	0,000	0,007	0,020	FALSE
-0,047	0,280	-0,001	0,008	0,060	FALSE
0,052	0,287	0,002	0,012	0,054	FALSE
-0,008	0,290	-0,001	0,008	0,043	FALSE
-0,012	0,295	-0,002	0,014	0,040	FALSE
0,135	0,289	0,002	0,009	0,087	FALSE
0,052	0,299	0,003	0,013	0,087	FALSE
0,040	0,291	0,000	0,010	0,013	FALSE
0,049	0,298	0,002	0,014	0,044	FALSE
0,018	0,295	-0,001	0,009	0,043	FALSE
0,038	0,282	0,001	0,012	0,046	FALSE
0,057	0,280	0,001	0,011	0,050	FALSE
0,101	0,273	0,002	0,009	0,075	FALSE
0,143	0,265	0,003	0,010	0,106	FALSE
0,011	0,273	-0,002	0,009	0,074	FALSE
0,145	0,271	0,006	0,009	0,280	FALSE
0,144	0,268	0,006	0,010	0,268	FALSE
-0,086	0,284	-0,001	0,010	0,049	FALSE
0,047	0,273	0,003	0,014	0,075	FALSE
0,064	0,281	0,004	0,014	0,099	FALSE
0,082	0,288	0,004	0,014	0,122	FALSE
0,037	0,285	0,002	0,014	0,054	FALSE
0,121	0,299	0,006	0,015	0,167	FALSE
0,022	0,277	-0,001	0,007	0,071	FALSE
0,059	0,277	0,003	0,015	0,079	FALSE
-0,033	0,283	-0,001	0,008	0,063	FALSE
0,039	0,283	-0,001	0,010	0,033	FALSE
-0,147	0,283	-0,006	0,014	0,171	FALSE
0,123	0,281	0,003	0,008	0,172	FALSE
0,169	0,269	0,008	0,014	0,237	FALSE
0,065	0,291	0,001	0,008	0,060	FALSE
-0,125	0,278	-0,006	0,013	0,196	FALSE
-0,147	0,284	-0,005	0,012	0,184	FALSE
0,004	0,279	-0,001	0,012	0,030	FALSE
-0,002	0,293	0,000	0,015	0,001	FALSE
-0,064	0,293	-0,003	0,015	0,079	FALSE

-0,116	0,270	-0,004	0,013	0,113	FALSE
-0,134	0,284	-0,002	0,008	0,110	FALSE
-0,070	0,288	-0,004	0,014	0,123	FALSE
-0,022	0,279	-0,001	0,009	0,042	FALSE
0,064	0,305	0,002	0,008	0,079	FALSE
-0,057	0,275	-0,003	0,014	0,072	FALSE
0,100	0,284	0,005	0,010	0,203	FALSE
0,123	0,279	0,006	0,011	0,242	FALSE
0,076	0,288	0,002	0,008	0,069	FALSE
-0,154	0,281	-0,004	0,010	0,169	FALSE
0,113	0,275	0,006	0,015	0,175	FALSE
0,102	0,293	0,005	0,015	0,138	FALSE
0,082	0,292	0,004	0,015	0,110	FALSE
0,078	0,296	0,004	0,015	0,117	FALSE
-0,012	0,285	-0,002	0,015	0,062	FALSE
-0,069	0,287	-0,005	0,015	0,121	FALSE
-0,131	0,290	-0,006	0,013	0,184	FALSE
-0,014	0,292	0,001	0,014	0,015	FALSE
-0,054	0,292	-0,002	0,013	0,044	FALSE
-0,054	0,260	0,000	0,007	0,016	FALSE
0,033	0,288	0,002	0,012	0,060	FALSE
-0,013	0,306	0,001	0,015	0,026	FALSE
0,161	0,270	0,004	0,013	0,116	FALSE
0,019	0,281	0,002	0,011	0,060	FALSE
0,024	0,277	0,001	0,011	0,030	FALSE
0,060	0,278	0,003	0,010	0,098	FALSE
0,071	0,271	0,002	0,010	0,075	FALSE
-0,152	0,296	-0,003	0,012	0,096	FALSE
0,089	0,285	0,001	0,010	0,050	FALSE
0,087	0,286	0,004	0,015	0,096	FALSE
-0,034	0,278	0,001	0,009	0,029	FALSE
-0,062	0,303	-0,002	0,015	0,049	FALSE
-0,054	0,289	-0,001	0,009	0,029	FALSE
0,053	0,292	0,000	0,015	0,004	FALSE
-0,100	0,303	-0,003	0,011	0,116	FALSE
0,027	0,289	0,000	0,010	0,018	FALSE
0,012	0,293	0,001	0,013	0,030	FALSE
-0,111	0,284	-0,004	0,009	0,164	FALSE
0,083	0,278	0,003	0,010	0,095	FALSE
-0,007	0,288	0,001	0,009	0,022	FALSE
0,148	0,270	0,005	0,007	0,321	FALSE
-0,145	0,280	-0,004	0,009	0,167	FALSE
0,013	0,284	-0,001	0,008	0,031	FALSE
0,016	0,292	-0,001	0,008	0,034	FALSE
0,003	0,286	0,001	0,014	0,035	FALSE
0,022	0,294	0,001	0,015	0,035	FALSE
-0,030	0,288	-0,001	0,008	0,023	FALSE
-0,151	0,283	-0,004	0,009	0,197	FALSE
-0,060	0,290	-0,003	0,014	0,074	FALSE
-0,054	0,306	-0,001	0,013	0,038	FALSE
-0,081	0,283	0,000	0,010	0,012	FALSE
-0,239	0,277	-0,008	0,014	0,230	FALSE
-0,150	0,290	-0,004	0,012	0,135	FALSE

-0,055	0,283	0,001	0,008	0,051	FALSE
0,064	0,290	0,001	0,012	0,037	FALSE
-0,076	0,278	0,000	0,008	0,022	FALSE
0,069	0,282	0,001	0,009	0,019	FALSE
-0,054	0,283	-0,003	0,010	0,125	FALSE
0,238	0,258	0,005	0,007	0,273	FALSE
0,066	0,289	0,002	0,008	0,080	FALSE
0,014	0,294	-0,001	0,015	0,013	FALSE
0,067	0,306	0,002	0,008	0,103	FALSE
0,005	0,289	0,001	0,008	0,030	FALSE
0,161	0,280	0,007	0,014	0,204	FALSE
0,036	0,299	0,001	0,008	0,038	FALSE
0,185	0,292	0,005	0,008	0,239	FALSE
-0,067	0,290	-0,002	0,009	0,066	FALSE
-0,028	0,284	-0,005	0,014	0,137	FALSE
-0,069	0,289	-0,003	0,015	0,065	FALSE
-0,157	0,277	-0,003	0,009	0,162	FALSE
0,027	0,286	0,005	0,013	0,154	FALSE
0,091	0,300	0,003	0,009	0,124	FALSE
0,060	0,293	0,003	0,008	0,138	FALSE
-0,093	0,281	-0,002	0,015	0,049	FALSE
0,050	0,298	0,002	0,008	0,092	FALSE
-0,077	0,300	-0,002	0,008	0,106	FALSE
-0,047	0,280	-0,003	0,010	0,133	FALSE
-0,028	0,284	-0,002	0,008	0,078	FALSE
-0,035	0,292	0,000	0,008	0,016	FALSE
-0,148	0,273	-0,005	0,009	0,207	FALSE
-0,004	0,280	0,001	0,015	0,015	FALSE
-0,077	0,273	-0,003	0,007	0,170	FALSE
-0,021	0,277	0,000	0,014	0,000	FALSE
-0,046	0,293	-0,003	0,010	0,121	FALSE
0,040	0,273	0,001	0,007	0,034	FALSE
0,018	0,277	0,001	0,009	0,056	FALSE
-0,007	0,270	-0,001	0,008	0,036	FALSE
-0,032	0,295	-0,002	0,012	0,064	FALSE
-0,082	0,288	-0,001	0,009	0,047	FALSE
0,012	0,270	0,000	0,007	0,008	FALSE
0,006	0,274	0,001	0,008	0,041	FALSE
0,105	0,286	0,003	0,011	0,093	FALSE
0,163	0,282	0,007	0,013	0,242	FALSE
0,018	0,280	0,000	0,008	0,012	FALSE
0,063	0,287	0,002	0,012	0,058	FALSE
-0,030	0,283	-0,001	0,008	0,047	FALSE
-0,030	0,281	0,000	0,009	0,019	FALSE
0,008	0,288	0,000	0,015	0,001	FALSE
0,073	0,287	0,000	0,010	0,013	FALSE
-0,092	0,288	-0,002	0,008	0,074	FALSE
0,001	0,287	0,001	0,007	0,037	FALSE
-0,203	0,279	-0,006	0,014	0,188	FALSE
0,033	0,300	0,000	0,016	0,008	FALSE
0,024	0,291	0,001	0,009	0,036	FALSE
-0,131	0,285	-0,002	0,010	0,060	FALSE
-0,045	0,290	-0,001	0,015	0,028	FALSE

0,079	0,287	0,002	0,011	0,063	FALSE
-0,070	0,284	-0,002	0,010	0,068	FALSE
0,026	0,284	0,001	0,010	0,045	FALSE
0,023	0,292	0,001	0,015	0,035	FALSE
0,030	0,297	0,001	0,015	0,027	FALSE
-0,048	0,292	-0,002	0,009	0,069	FALSE
0,065	0,299	0,003	0,013	0,080	FALSE
0,008	0,266	0,000	0,008	0,015	FALSE
-0,038	0,290	0,001	0,009	0,020	FALSE
0,021	0,279	0,002	0,008	0,081	FALSE
0,025	0,285	0,002	0,009	0,097	FALSE
-0,060	0,280	-0,002	0,007	0,122	FALSE
0,044	0,291	0,001	0,014	0,029	FALSE
-0,006	0,278	0,001	0,007	0,047	FALSE
-0,105	0,273	-0,005	0,010	0,207	FALSE
0,055	0,281	0,001	0,014	0,014	FALSE
-0,060	0,275	-0,003	0,013	0,096	FALSE
-0,053	0,275	-0,002	0,011	0,073	FALSE
-0,057	0,294	-0,002	0,014	0,062	FALSE
-0,019	0,285	-0,001	0,010	0,040	FALSE
0,105	0,290	0,002	0,008	0,115	FALSE
0,043	0,303	0,002	0,015	0,055	FALSE
-0,038	0,282	-0,001	0,008	0,046	FALSE
-0,052	0,271	-0,002	0,012	0,060	FALSE
0,075	0,290	0,001	0,013	0,018	FALSE
-0,048	0,289	-0,002	0,011	0,070	FALSE
-0,031	0,285	0,000	0,008	0,019	FALSE
-0,017	0,291	0,003	0,014	0,069	FALSE
0,035	0,295	0,001	0,011	0,021	FALSE
0,081	0,288	0,002	0,009	0,085	FALSE
-0,097	0,292	-0,003	0,010	0,119	FALSE
-0,170	0,289	-0,005	0,008	0,275	FALSE
0,120	0,296	0,002	0,014	0,053	FALSE
0,092	0,275	0,000	0,012	0,011	FALSE
0,073	0,289	0,002	0,007	0,091	FALSE
-0,201	0,288	-0,004	0,008	0,237	FALSE
0,008	0,273	0,000	0,010	0,011	FALSE
-0,038	0,285	-0,004	0,013	0,115	FALSE
0,027	0,301	0,001	0,008	0,066	FALSE
0,011	0,299	0,001	0,009	0,040	FALSE
-0,101	0,275	-0,004	0,013	0,127	FALSE
0,042	0,285	0,001	0,009	0,061	FALSE
-0,012	0,283	-0,003	0,013	0,088	FALSE
-0,012	0,286	-0,001	0,013	0,034	FALSE
0,062	0,283	0,003	0,011	0,096	FALSE
0,007	0,299	0,000	0,015	0,009	FALSE
-0,028	0,284	0,000	0,014	0,010	FALSE
-0,051	0,278	-0,002	0,008	0,099	FALSE
-0,033	0,291	-0,003	0,014	0,066	FALSE
0,099	0,291	0,003	0,013	0,081	FALSE
0,075	0,301	0,002	0,009	0,075	FALSE
-0,070	0,294	-0,002	0,013	0,041	FALSE
0,200	0,265	0,003	0,008	0,156	FALSE

0,187	0,284	0,005	0,012	0,178	FALSE
0,174	0,262	0,003	0,008	0,142	FALSE
0,172	0,290	0,004	0,010	0,183	FALSE
0,172	0,290	0,007	0,013	0,210	FALSE
-0,034	0,277	0,000	0,010	0,014	FALSE
-0,150	0,286	-0,005	0,014	0,147	FALSE
0,044	0,278	0,003	0,010	0,103	FALSE
-0,075	0,266	-0,003	0,010	0,126	FALSE
0,008	0,285	-0,002	0,012	0,049	FALSE
-0,033	0,298	-0,002	0,013	0,044	FALSE
-0,022	0,288	0,001	0,008	0,056	FALSE
0,113	0,283	0,003	0,010	0,118	FALSE
0,085	0,287	0,002	0,015	0,062	FALSE
0,129	0,286	0,003	0,014	0,089	FALSE
-0,033	0,283	-0,001	0,011	0,044	FALSE
-0,020	0,291	0,001	0,008	0,039	FALSE
0,057	0,288	0,001	0,009	0,038	FALSE
0,030	0,277	0,000	0,009	0,002	FALSE
0,005	0,296	0,001	0,011	0,019	FALSE
-0,168	0,292	-0,006	0,012	0,193	FALSE
-0,031	0,295	0,000	0,007	0,003	FALSE
-0,067	0,297	-0,003	0,014	0,076	FALSE
-0,071	0,288	-0,003	0,009	0,103	FALSE
-0,009	0,279	0,000	0,011	0,005	FALSE
0,104	0,280	0,001	0,010	0,031	FALSE
-0,117	0,283	-0,002	0,013	0,047	FALSE
0,138	0,262	0,004	0,012	0,122	FALSE
-0,048	0,297	0,000	0,011	0,000	FALSE
-0,107	0,288	-0,006	0,011	0,213	FALSE
-0,043	0,279	-0,004	0,009	0,149	FALSE
-0,037	0,279	-0,003	0,010	0,146	FALSE
0,130	0,287	0,005	0,009	0,267	FALSE
-0,243	0,266	-0,006	0,008	0,360	FALSE
0,050	0,284	0,003	0,012	0,117	FALSE
-0,205	0,283	-0,005	0,008	0,288	FALSE
0,118	0,279	0,004	0,011	0,145	FALSE
0,111	0,282	0,004	0,014	0,122	FALSE
-0,055	0,283	-0,002	0,011	0,069	FALSE
0,146	0,277	0,005	0,011	0,196	FALSE
-0,034	0,291	-0,002	0,008	0,077	FALSE
0,051	0,295	0,001	0,009	0,053	FALSE
0,050	0,292	0,001	0,009	0,052	FALSE
0,060	0,278	0,000	0,008	0,018	FALSE
-0,008	0,297	0,002	0,009	0,063	FALSE
-0,064	0,276	-0,003	0,010	0,108	FALSE
-0,032	0,292	0,000	0,008	0,006	FALSE
0,001	0,290	0,000	0,009	0,017	FALSE
0,019	0,292	-0,001	0,011	0,021	FALSE
0,005	0,291	-0,001	0,011	0,023	FALSE
-0,218	0,277	-0,007	0,013	0,247	FALSE
0,161	0,291	0,005	0,010	0,203	FALSE
-0,044	0,293	0,000	0,008	0,004	FALSE
0,021	0,277	0,000	0,007	0,021	FALSE

0,100	0,282	0,005	0,013	0,143	FALSE
0,157	0,287	0,005	0,015	0,126	FALSE
0,015	0,293	0,001	0,012	0,046	FALSE
0,111	0,290	0,005	0,013	0,146	FALSE
0,030	0,277	-0,001	0,007	0,073	FALSE
0,026	0,297	0,003	0,012	0,083	FALSE
0,188	0,267	0,005	0,010	0,214	FALSE
-0,043	0,280	-0,001	0,007	0,065	FALSE
-0,086	0,270	-0,001	0,007	0,082	FALSE
0,004	0,298	0,002	0,008	0,092	FALSE
0,060	0,290	0,001	0,008	0,055	FALSE
0,063	0,266	0,000	0,014	0,005	FALSE
-0,005	0,287	0,000	0,007	0,002	FALSE
-0,018	0,275	-0,001	0,009	0,050	FALSE
-0,097	0,274	-0,004	0,008	0,188	FALSE
-0,068	0,272	-0,003	0,009	0,124	FALSE
-0,055	0,287	-0,003	0,008	0,155	FALSE
-0,002	0,290	0,002	0,014	0,054	FALSE
0,061	0,293	0,002	0,007	0,132	FALSE
-0,032	0,283	-0,002	0,008	0,072	FALSE
0,005	0,285	-0,001	0,009	0,030	FALSE
-0,072	0,294	-0,003	0,015	0,070	FALSE
0,158	0,282	0,006	0,015	0,165	FALSE
-0,111	0,302	-0,002	0,008	0,078	FALSE
0,003	0,269	0,000	0,008	0,019	FALSE
-0,094	0,289	-0,005	0,013	0,152	FALSE
0,183	0,281	0,008	0,011	0,317	FALSE
-0,071	0,275	-0,003	0,012	0,103	FALSE
-0,088	0,283	-0,004	0,013	0,136	FALSE
0,076	0,265	0,001	0,012	0,045	FALSE
0,044	0,303	0,003	0,013	0,105	FALSE
0,155	0,287	0,006	0,011	0,211	FALSE
0,178	0,291	0,003	0,008	0,178	FALSE
0,106	0,287	0,002	0,014	0,050	FALSE
-0,054	0,285	0,000	0,015	0,006	FALSE
0,089	0,276	0,003	0,010	0,094	FALSE
0,032	0,294	0,000	0,015	0,005	FALSE
-0,077	0,284	-0,003	0,009	0,151	FALSE
0,162	0,283	0,008	0,015	0,229	FALSE
0,154	0,272	0,004	0,011	0,143	FALSE
-0,067	0,287	-0,004	0,013	0,110	FALSE
0,116	0,294	0,004	0,010	0,137	FALSE
0,023	0,300	0,002	0,008	0,071	FALSE
0,064	0,286	0,003	0,012	0,080	FALSE
-0,136	0,270	-0,004	0,008	0,215	FALSE
-0,121	0,285	-0,003	0,009	0,118	FALSE
-0,023	0,278	-0,002	0,015	0,039	FALSE
-0,136	0,263	-0,004	0,008	0,211	FALSE
-0,102	0,276	-0,003	0,008	0,173	FALSE
0,049	0,282	0,001	0,008	0,059	FALSE
-0,031	0,293	0,000	0,008	0,006	FALSE
0,048	0,298	0,002	0,009	0,068	FALSE
0,033	0,280	0,000	0,010	0,002	FALSE

-0,005	0,276	-0,002	0,009	0,076	FALSE
0,040	0,293	0,005	0,015	0,126	FALSE
0,002	0,286	0,001	0,011	0,031	FALSE
0,061	0,282	0,000	0,009	0,010	FALSE
-0,088	0,292	-0,001	0,008	0,045	FALSE
0,052	0,292	0,001	0,010	0,041	FALSE
-0,114	0,289	-0,002	0,008	0,086	FALSE
-0,089	0,295	-0,003	0,013	0,089	FALSE
-0,144	0,285	-0,002	0,007	0,103	FALSE
-0,107	0,286	-0,001	0,007	0,057	FALSE
-0,102	0,290	-0,001	0,008	0,064	FALSE
-0,032	0,289	-0,001	0,010	0,022	FALSE
0,095	0,282	0,003	0,011	0,125	FALSE
-0,057	0,294	-0,001	0,010	0,022	FALSE
-0,063	0,310	-0,001	0,011	0,025	FALSE
0,031	0,294	0,000	0,010	0,014	FALSE
-0,139	0,290	-0,003	0,008	0,144	FALSE
-0,162	0,291	-0,004	0,008	0,183	FALSE
-0,110	0,291	-0,005	0,015	0,138	FALSE
0,228	0,280	0,010	0,010	0,463	FALSE
0,009	0,296	0,001	0,009	0,053	FALSE
-0,025	0,294	0,000	0,008	0,017	FALSE
0,024	0,296	0,000	0,015	0,004	FALSE
0,121	0,296	0,003	0,010	0,134	FALSE
-0,039	0,273	0,000	0,011	0,016	FALSE
0,079	0,303	0,004	0,009	0,192	FALSE
0,067	0,287	0,006	0,013	0,195	FALSE
0,136	0,287	0,004	0,008	0,223	FALSE
-0,148	0,268	-0,004	0,010	0,172	FALSE
-0,060	0,292	-0,003	0,009	0,126	FALSE
-0,128	0,275	-0,001	0,009	0,059	FALSE
0,103	0,267	0,002	0,010	0,061	FALSE
0,141	0,276	0,003	0,014	0,076	FALSE
0,047	0,300	0,001	0,008	0,034	FALSE
-0,035	0,298	-0,001	0,015	0,012	FALSE
0,117	0,296	0,003	0,015	0,065	FALSE
0,063	0,291	0,003	0,014	0,085	FALSE
0,108	0,293	0,002	0,015	0,040	FALSE
-0,114	0,279	-0,003	0,011	0,117	FALSE
-0,116	0,264	-0,003	0,008	0,158	FALSE
0,019	0,289	-0,002	0,008	0,080	FALSE
0,102	0,294	0,003	0,010	0,101	FALSE
-0,145	0,274	-0,006	0,014	0,166	FALSE
0,217	0,278	0,006	0,008	0,354	FALSE
0,116	0,294	0,003	0,009	0,140	FALSE
0,077	0,279	0,002	0,010	0,076	FALSE
-0,111	0,284	-0,005	0,010	0,194	FALSE
-0,060	0,283	-0,002	0,014	0,063	FALSE
-0,068	0,284	-0,004	0,012	0,119	FALSE
0,120	0,266	0,002	0,007	0,102	FALSE
-0,024	0,297	0,000	0,011	0,006	FALSE
0,050	0,274	0,000	0,008	0,018	FALSE
0,138	0,287	0,004	0,011	0,155	FALSE

-0,009	0,278	-0,001	0,012	0,040	FALSE
0,055	0,294	0,001	0,010	0,025	FALSE
0,119	0,296	0,003	0,012	0,082	FALSE
0,198	0,279	0,007	0,013	0,235	FALSE
-0,123	0,294	-0,003	0,010	0,110	FALSE
0,043	0,295	-0,001	0,008	0,039	FALSE
-0,017	0,280	-0,001	0,010	0,019	FALSE
-0,072	0,287	-0,002	0,008	0,078	FALSE
-0,018	0,290	-0,001	0,010	0,033	FALSE
-0,107	0,276	-0,002	0,008	0,096	FALSE
0,080	0,295	0,004	0,013	0,113	FALSE
0,040	0,291	0,001	0,009	0,061	FALSE
0,069	0,272	0,001	0,008	0,039	FALSE
-0,182	0,279	-0,009	0,013	0,340	FALSE
-0,115	0,296	-0,002	0,010	0,083	FALSE
0,019	0,289	0,002	0,009	0,061	FALSE
0,209	0,265	0,009	0,013	0,347	FALSE
0,145	0,279	0,007	0,012	0,277	FALSE
-0,021	0,281	0,000	0,010	0,014	FALSE
-0,038	0,280	-0,002	0,008	0,122	FALSE
-0,021	0,299	0,000	0,010	0,018	FALSE
0,024	0,288	0,000	0,009	0,011	FALSE
0,151	0,282	0,003	0,007	0,169	FALSE
0,130	0,289	0,002	0,009	0,078	FALSE
0,181	0,292	0,005	0,011	0,180	FALSE
-0,008	0,285	0,001	0,008	0,041	FALSE
0,025	0,276	0,002	0,009	0,077	FALSE
0,104	0,280	0,001	0,009	0,045	FALSE
-0,143	0,262	-0,003	0,014	0,092	FALSE
-0,054	0,284	-0,001	0,007	0,044	FALSE
0,170	0,278	0,004	0,009	0,190	FALSE
0,016	0,285	0,001	0,009	0,050	FALSE
-0,031	0,285	-0,001	0,010	0,024	FALSE
0,137	0,297	0,007	0,015	0,210	FALSE
0,073	0,288	0,001	0,010	0,050	FALSE
0,162	0,282	0,006	0,014	0,163	FALSE
0,128	0,276	0,002	0,014	0,059	FALSE
-0,164	0,290	-0,006	0,010	0,299	FALSE
-0,070	0,290	-0,001	0,015	0,022	FALSE
-0,031	0,286	0,001	0,007	0,024	FALSE
-0,088	0,285	-0,001	0,009	0,041	FALSE
-0,043	0,296	-0,001	0,009	0,064	FALSE
-0,242	0,274	-0,008	0,010	0,372	FALSE
0,165	0,286	0,005	0,008	0,275	FALSE
-0,152	0,277	-0,004	0,010	0,166	FALSE
0,038	0,278	0,001	0,008	0,034	FALSE
0,121	0,299	0,004	0,013	0,115	FALSE
0,073	0,296	0,002	0,013	0,061	FALSE
-0,076	0,291	-0,001	0,011	0,030	FALSE
-0,052	0,280	-0,001	0,015	0,017	FALSE
-0,109	0,277	-0,001	0,009	0,046	FALSE
0,084	0,291	0,003	0,008	0,159	FALSE
-0,064	0,282	-0,001	0,009	0,052	FALSE

0,123	0,279	0,004	0,014	0,104	FALSE
-0,016	0,282	-0,002	0,011	0,078	FALSE
-0,140	0,272	-0,003	0,011	0,113	FALSE
-0,225	0,272	-0,005	0,008	0,291	FALSE
0,025	0,299	0,001	0,008	0,032	FALSE
0,040	0,278	0,001	0,007	0,057	FALSE
0,095	0,284	0,001	0,009	0,064	FALSE
0,101	0,277	0,003	0,010	0,100	FALSE
0,086	0,296	0,004	0,014	0,120	FALSE
0,104	0,296	0,002	0,008	0,124	FALSE
0,079	0,261	0,004	0,011	0,159	FALSE
0,080	0,296	0,002	0,015	0,045	FALSE
0,082	0,298	0,001	0,014	0,035	FALSE
0,018	0,287	-0,001	0,014	0,026	FALSE
0,027	0,282	-0,001	0,015	0,019	FALSE
0,039	0,290	0,002	0,009	0,084	FALSE
-0,152	0,283	-0,005	0,015	0,144	FALSE
0,119	0,283	0,002	0,007	0,130	FALSE
-0,071	0,283	-0,004	0,010	0,171	FALSE
0,083	0,288	0,002	0,007	0,125	FALSE
0,096	0,271	0,004	0,012	0,120	FALSE
-0,024	0,300	-0,001	0,010	0,029	FALSE
0,067	0,283	0,002	0,009	0,070	FALSE
-0,031	0,280	-0,001	0,011	0,046	FALSE
0,175	0,283	0,007	0,011	0,266	FALSE
0,102	0,289	0,004	0,012	0,121	FALSE
-0,007	0,282	-0,001	0,014	0,033	FALSE
-0,226	0,269	-0,009	0,014	0,303	FALSE
0,040	0,284	0,000	0,011	0,006	FALSE
-0,097	0,284	-0,004	0,012	0,141	FALSE
-0,071	0,293	0,000	0,008	0,004	FALSE
-0,119	0,286	-0,003	0,014	0,087	FALSE
0,046	0,296	-0,001	0,008	0,031	FALSE
0,093	0,288	0,001	0,008	0,061	FALSE
0,070	0,293	0,002	0,008	0,084	FALSE
-0,170	0,272	-0,006	0,009	0,302	FALSE
-0,040	0,297	-0,002	0,009	0,097	FALSE
0,003	0,263	-0,002	0,011	0,060	FALSE
-0,189	0,279	-0,008	0,014	0,251	FALSE
-0,059	0,292	-0,001	0,007	0,065	FALSE
-0,009	0,274	-0,004	0,011	0,152	FALSE
-0,120	0,284	-0,008	0,014	0,237	FALSE
0,193	0,268	0,011	0,014	0,373	FALSE
-0,161	0,271	-0,004	0,009	0,178	FALSE
0,024	0,281	0,000	0,008	0,009	FALSE
-0,051	0,291	-0,001	0,010	0,041	FALSE
0,268	0,289	0,008	0,010	0,374	FALSE
-0,079	0,285	-0,006	0,014	0,184	FALSE
0,017	0,289	-0,002	0,011	0,077	FALSE
0,012	0,295	-0,001	0,011	0,048	FALSE
-0,200	0,262	-0,007	0,013	0,221	FALSE
-0,143	0,286	-0,002	0,008	0,122	FALSE
0,109	0,299	0,002	0,012	0,073	FALSE

0,078	0,290	0,003	0,008	0,163	FALSE
-0,076	0,276	-0,001	0,009	0,026	FALSE
-0,134	0,285	-0,004	0,014	0,115	FALSE
0,028	0,286	0,002	0,011	0,070	FALSE
0,081	0,289	0,003	0,013	0,093	FALSE
-0,052	0,284	-0,001	0,013	0,040	FALSE
0,183	0,284	0,005	0,008	0,276	FALSE
0,013	0,290	0,000	0,008	0,004	FALSE
-0,116	0,273	-0,005	0,014	0,151	FALSE
0,253	0,278	0,007	0,008	0,417	FALSE
-0,157	0,263	-0,004	0,011	0,153	FALSE
0,303	0,269	0,011	0,012	0,470	FALSE
-0,002	0,283	-0,001	0,008	0,024	FALSE
0,120	0,295	0,007	0,014	0,191	FALSE
0,138	0,290	0,008	0,015	0,241	FALSE
-0,115	0,284	-0,007	0,015	0,215	FALSE
-0,126	0,283	-0,005	0,014	0,137	FALSE
-0,075	0,292	-0,003	0,013	0,102	FALSE
0,055	0,282	0,001	0,007	0,033	FALSE
0,103	0,285	0,004	0,011	0,154	FALSE
-0,055	0,289	0,001	0,011	0,036	FALSE
-0,130	0,275	-0,002	0,010	0,053	FALSE
-0,017	0,285	0,003	0,014	0,065	FALSE
-0,032	0,287	-0,001	0,007	0,035	FALSE
0,045	0,290	0,002	0,008	0,088	FALSE
0,026	0,292	0,001	0,009	0,048	FALSE
0,007	0,285	-0,002	0,012	0,067	FALSE
0,032	0,279	0,003	0,014	0,093	FALSE
-0,028	0,284	-0,003	0,015	0,087	FALSE
0,130	0,286	0,005	0,011	0,185	FALSE
0,144	0,281	0,005	0,011	0,213	FALSE
-0,009	0,289	-0,002	0,014	0,045	FALSE
0,078	0,282	0,003	0,008	0,133	FALSE
0,039	0,290	0,002	0,015	0,051	FALSE
-0,131	0,283	-0,009	0,015	0,258	FALSE
0,063	0,287	0,000	0,009	0,001	FALSE
-0,027	0,295	-0,001	0,014	0,027	FALSE
0,015	0,295	0,000	0,015	0,003	FALSE
-0,080	0,286	-0,002	0,007	0,114	FALSE
-0,103	0,289	-0,001	0,011	0,049	FALSE
0,111	0,282	0,003	0,015	0,082	FALSE
0,097	0,292	0,002	0,011	0,083	FALSE
0,041	0,283	0,001	0,009	0,050	FALSE
0,122	0,282	0,003	0,011	0,126	FALSE
-0,036	0,296	-0,001	0,012	0,044	FALSE
0,000	0,285	-0,001	0,008	0,030	FALSE
0,099	0,293	0,004	0,009	0,194	FALSE
-0,219	0,272	-0,006	0,011	0,208	FALSE
0,063	0,288	0,003	0,009	0,115	FALSE
-0,108	0,271	-0,006	0,011	0,238	FALSE
0,104	0,291	0,004	0,010	0,167	FALSE
-0,111	0,286	-0,005	0,011	0,199	FALSE
0,056	0,279	0,001	0,012	0,026	FALSE

0,124	0,281	0,003	0,009	0,127	FALSE
0,151	0,278	0,003	0,011	0,119	FALSE
-0,036	0,284	0,000	0,009	0,018	FALSE
-0,013	0,283	-0,005	0,015	0,131	FALSE
0,011	0,264	0,001	0,009	0,025	FALSE
0,188	0,280	0,004	0,008	0,186	FALSE
-0,139	0,295	-0,006	0,013	0,193	FALSE
-0,067	0,273	-0,001	0,015	0,025	FALSE
0,063	0,275	0,003	0,013	0,093	FALSE
0,062	0,282	0,000	0,014	0,006	FALSE
-0,011	0,291	-0,001	0,010	0,019	FALSE
-0,097	0,289	-0,005	0,012	0,152	FALSE
-0,136	0,298	-0,005	0,011	0,202	FALSE
-0,016	0,290	0,000	0,013	0,010	FALSE
0,012	0,289	0,002	0,015	0,037	FALSE
0,045	0,292	0,000	0,015	0,008	FALSE
-0,035	0,291	-0,001	0,010	0,057	FALSE
-0,037	0,268	0,002	0,010	0,071	FALSE
-0,050	0,268	0,001	0,013	0,028	FALSE
-0,076	0,272	0,000	0,013	0,008	FALSE
0,017	0,293	0,000	0,015	0,004	FALSE
-0,076	0,288	-0,003	0,013	0,088	FALSE
0,099	0,283	0,004	0,008	0,204	FALSE
0,119	0,289	0,003	0,009	0,125	FALSE
0,018	0,287	-0,003	0,014	0,066	FALSE
-0,202	0,266	-0,008	0,014	0,250	FALSE
0,037	0,290	0,001	0,013	0,034	FALSE
0,055	0,281	0,001	0,013	0,037	FALSE
-0,088	0,287	-0,002	0,013	0,067	FALSE
-0,152	0,284	-0,007	0,013	0,218	FALSE
-0,072	0,266	-0,003	0,007	0,151	FALSE
-0,125	0,290	-0,005	0,015	0,145	FALSE
-0,058	0,279	-0,003	0,011	0,095	FALSE
-0,115	0,276	-0,002	0,008	0,103	FALSE
0,008	0,293	0,001	0,011	0,024	FALSE
-0,189	0,276	-0,011	0,015	0,323	FALSE
-0,127	0,286	-0,003	0,007	0,168	FALSE
0,179	0,270	0,008	0,010	0,361	FALSE
-0,005	0,291	-0,001	0,015	0,023	FALSE
0,081	0,272	0,005	0,013	0,145	FALSE
0,144	0,286	0,005	0,015	0,117	FALSE
-0,062	0,288	-0,004	0,015	0,119	FALSE
0,071	0,291	0,005	0,011	0,176	FALSE
-0,094	0,282	-0,002	0,008	0,093	FALSE
0,150	0,286	0,007	0,012	0,267	FALSE
-0,211	0,272	-0,006	0,008	0,332	FALSE
0,101	0,289	0,006	0,014	0,157	FALSE
-0,141	0,284	-0,002	0,009	0,088	FALSE
-0,164	0,283	-0,004	0,008	0,242	FALSE
0,089	0,285	0,002	0,008	0,120	FALSE
0,227	0,285	0,010	0,013	0,354	FALSE
0,194	0,276	0,008	0,012	0,295	FALSE
0,200	0,273	0,010	0,012	0,377	FALSE

0,094	0,288	0,002	0,013	0,064	FALSE
-0,025	0,288	0,000	0,014	0,009	FALSE
-0,020	0,280	0,000	0,013	0,011	FALSE
0,098	0,284	0,001	0,009	0,048	FALSE
-0,100	0,285	-0,004	0,010	0,154	FALSE
0,217	0,281	0,009	0,014	0,301	FALSE
-0,042	0,276	-0,002	0,010	0,093	FALSE
0,177	0,287	0,007	0,013	0,230	FALSE
0,129	0,289	0,004	0,010	0,177	FALSE
-0,013	0,276	-0,003	0,011	0,105	FALSE
-0,034	0,289	-0,001	0,009	0,061	FALSE
0,017	0,299	-0,001	0,015	0,031	FALSE
0,111	0,289	0,003	0,010	0,117	FALSE
0,051	0,284	0,001	0,012	0,032	FALSE
-0,095	0,294	-0,005	0,014	0,140	FALSE
-0,020	0,283	0,001	0,007	0,065	FALSE
-0,054	0,284	-0,002	0,008	0,103	FALSE
0,000	0,280	-0,003	0,012	0,095	FALSE
-0,055	0,282	0,000	0,009	0,016	FALSE
-0,041	0,288	-0,003	0,011	0,103	FALSE
0,094	0,291	0,003	0,008	0,136	FALSE
0,029	0,285	0,002	0,008	0,088	FALSE
0,112	0,278	0,003	0,008	0,177	FALSE
0,115	0,277	0,004	0,008	0,191	FALSE
0,002	0,288	-0,001	0,013	0,016	FALSE
-0,070	0,290	-0,001	0,008	0,055	FALSE
-0,070	0,277	0,000	0,009	0,007	FALSE
-0,100	0,280	-0,001	0,009	0,049	FALSE
-0,005	0,298	-0,001	0,010	0,047	FALSE
0,031	0,287	0,002	0,008	0,078	FALSE
-0,043	0,285	0,000	0,010	0,004	FALSE
-0,030	0,293	-0,001	0,014	0,036	FALSE
0,009	0,284	0,001	0,010	0,058	FALSE
-0,185	0,281	-0,006	0,011	0,239	FALSE
-0,053	0,298	-0,001	0,015	0,025	FALSE
-0,052	0,291	-0,002	0,015	0,039	FALSE
-0,055	0,294	-0,001	0,015	0,018	FALSE
0,004	0,292	0,001	0,007	0,030	FALSE
0,060	0,269	0,000	0,010	0,016	FALSE
0,046	0,287	0,000	0,013	0,001	FALSE
0,141	0,296	0,004	0,010	0,153	FALSE
0,135	0,293	0,004	0,009	0,164	FALSE
0,077	0,276	0,006	0,015	0,152	FALSE
-0,071	0,283	-0,001	0,009	0,047	FALSE
-0,028	0,279	-0,001	0,009	0,022	FALSE
-0,128	0,279	-0,003	0,011	0,102	FALSE
-0,090	0,283	-0,002	0,010	0,062	FALSE
-0,007	0,288	0,000	0,013	0,010	FALSE
0,196	0,269	0,004	0,009	0,168	FALSE
-0,140	0,285	-0,006	0,011	0,213	FALSE
-0,017	0,302	0,000	0,009	0,011	FALSE
0,092	0,292	0,003	0,011	0,103	FALSE
-0,082	0,293	-0,002	0,014	0,040	FALSE

0,083	0,290	0,003	0,014	0,071	FALSE
0,048	0,294	0,002	0,008	0,088	FALSE
0,103	0,289	0,003	0,008	0,147	FALSE
0,104	0,300	0,003	0,009	0,132	FALSE
-0,073	0,291	-0,002	0,012	0,060	FALSE
-0,057	0,281	-0,003	0,014	0,072	FALSE
-0,060	0,287	-0,001	0,012	0,035	FALSE
-0,084	0,280	-0,003	0,014	0,093	FALSE
-0,065	0,279	-0,003	0,014	0,078	FALSE
0,091	0,286	0,003	0,008	0,140	FALSE
0,032	0,280	0,000	0,009	0,001	FALSE
-0,098	0,284	-0,003	0,008	0,156	FALSE
-0,081	0,285	-0,002	0,011	0,052	FALSE
-0,042	0,289	-0,003	0,008	0,128	FALSE
0,073	0,290	0,002	0,008	0,080	FALSE
-0,059	0,270	-0,004	0,013	0,123	FALSE
0,004	0,300	0,000	0,012	0,009	FALSE
0,034	0,294	0,001	0,012	0,024	FALSE
-0,023	0,297	-0,001	0,013	0,019	FALSE
0,170	0,276	0,002	0,008	0,120	FALSE
0,054	0,283	0,000	0,008	0,003	FALSE
-0,105	0,291	-0,004	0,014	0,113	FALSE
-0,185	0,280	-0,007	0,011	0,271	FALSE
0,069	0,284	0,005	0,014	0,129	FALSE
0,000	0,294	0,001	0,011	0,042	FALSE
0,050	0,289	0,002	0,011	0,068	FALSE
-0,249	0,280	-0,011	0,013	0,404	FALSE
0,035	0,278	0,000	0,012	0,009	FALSE
-0,180	0,278	-0,005	0,009	0,257	FALSE
-0,267	0,276	-0,010	0,013	0,363	FALSE
-0,171	0,277	-0,003	0,007	0,161	FALSE
-0,175	0,282	-0,003	0,007	0,170	FALSE
0,129	0,285	0,005	0,014	0,150	FALSE
0,017	0,280	0,001	0,008	0,062	FALSE
0,134	0,275	0,003	0,014	0,071	FALSE
0,011	0,304	0,001	0,012	0,044	FALSE
-0,080	0,298	-0,005	0,015	0,117	FALSE
-0,002	0,276	-0,002	0,009	0,075	FALSE
-0,213	0,269	-0,005	0,007	0,294	FALSE
-0,113	0,282	-0,005	0,009	0,225	FALSE
0,055	0,286	0,002	0,008	0,084	FALSE
0,115	0,286	0,005	0,010	0,221	FALSE
-0,065	0,277	0,001	0,008	0,027	FALSE
-0,133	0,296	-0,004	0,009	0,152	FALSE
-0,018	0,291	-0,001	0,010	0,018	FALSE
-0,031	0,287	-0,001	0,010	0,035	FALSE
-0,029	0,290	0,002	0,013	0,046	FALSE
0,066	0,301	0,002	0,012	0,066	FALSE
-0,191	0,275	-0,005	0,011	0,203	FALSE
-0,056	0,287	-0,001	0,015	0,031	FALSE
-0,034	0,291	-0,001	0,008	0,033	FALSE
-0,020	0,287	0,000	0,008	0,014	FALSE
-0,072	0,282	-0,002	0,011	0,052	FALSE

-0,034	0,291	0,001	0,015	0,012	FALSE
-0,112	0,272	-0,004	0,013	0,136	FALSE
-0,051	0,282	-0,001	0,013	0,025	FALSE
-0,073	0,286	-0,002	0,013	0,056	FALSE
-0,031	0,250	-0,003	0,014	0,070	FALSE
0,108	0,286	0,005	0,015	0,118	FALSE
0,108	0,281	0,004	0,014	0,122	FALSE
0,122	0,271	0,005	0,014	0,130	FALSE
-0,011	0,276	0,001	0,011	0,033	FALSE
0,109	0,279	0,002	0,010	0,085	FALSE
-0,073	0,282	-0,001	0,011	0,016	FALSE
0,042	0,288	0,002	0,013	0,061	FALSE
-0,085	0,286	-0,004	0,015	0,098	FALSE
0,151	0,297	0,004	0,008	0,217	FALSE
-0,076	0,279	-0,006	0,015	0,159	FALSE
-0,077	0,280	-0,005	0,014	0,128	FALSE
-0,129	0,273	-0,007	0,014	0,208	FALSE
-0,107	0,297	-0,006	0,015	0,170	FALSE
-0,077	0,283	-0,001	0,009	0,035	FALSE
-0,011	0,285	0,001	0,011	0,039	FALSE
0,067	0,280	0,000	0,007	0,010	FALSE
0,127	0,297	0,008	0,015	0,215	FALSE
-0,022	0,288	-0,001	0,015	0,034	FALSE
0,058	0,268	0,000	0,009	0,006	FALSE
-0,203	0,284	-0,008	0,012	0,294	FALSE
0,006	0,291	0,001	0,014	0,034	FALSE
-0,016	0,286	-0,002	0,014	0,051	FALSE
0,189	0,282	0,007	0,015	0,203	FALSE
0,060	0,287	0,002	0,014	0,054	FALSE
-0,005	0,288	-0,001	0,010	0,018	FALSE
0,052	0,286	0,003	0,011	0,086	FALSE
0,031	0,288	0,001	0,009	0,038	FALSE
0,014	0,281	0,001	0,011	0,047	FALSE
-0,062	0,278	-0,002	0,011	0,073	FALSE
-0,037	0,291	-0,003	0,013	0,081	FALSE
-0,020	0,303	0,000	0,010	0,009	FALSE
-0,033	0,287	0,000	0,010	0,010	FALSE
0,098	0,285	0,005	0,009	0,216	FALSE
0,052	0,288	0,002	0,014	0,067	FALSE
0,038	0,282	0,001	0,013	0,040	FALSE
-0,160	0,276	-0,004	0,010	0,166	FALSE
-0,006	0,283	0,000	0,012	0,005	FALSE
-0,016	0,279	0,000	0,013	0,000	FALSE
-0,021	0,284	0,002	0,013	0,058	FALSE
0,064	0,292	-0,001	0,008	0,032	FALSE
0,132	0,283	0,003	0,008	0,156	FALSE
0,094	0,282	0,001	0,014	0,023	FALSE
0,114	0,276	0,000	0,008	0,022	FALSE
0,048	0,296	0,003	0,013	0,096	FALSE
-0,010	0,282	-0,001	0,012	0,043	FALSE
0,086	0,279	0,004	0,010	0,179	FALSE
0,095	0,274	0,004	0,009	0,170	FALSE
0,000	0,286	0,002	0,013	0,067	FALSE

0,034	0,286	0,000	0,008	0,018	FALSE
-0,009	0,286	-0,002	0,008	0,098	FALSE
-0,109	0,275	-0,008	0,013	0,261	FALSE
-0,026	0,299	0,000	0,012	0,002	FALSE
0,073	0,295	0,005	0,015	0,126	FALSE
0,198	0,287	0,007	0,011	0,278	FALSE
-0,125	0,290	-0,005	0,013	0,138	FALSE
-0,080	0,287	-0,001	0,008	0,030	FALSE
0,021	0,289	0,003	0,013	0,088	FALSE
-0,034	0,269	-0,003	0,009	0,112	FALSE
-0,074	0,290	-0,004	0,012	0,123	FALSE
0,033	0,267	0,001	0,009	0,046	FALSE
0,014	0,283	0,002	0,012	0,066	FALSE
0,132	0,286	0,002	0,008	0,128	FALSE
-0,049	0,285	0,000	0,013	0,004	FALSE
0,181	0,284	0,007	0,012	0,227	FALSE
0,139	0,285	0,005	0,012	0,184	FALSE
0,120	0,276	0,003	0,010	0,139	FALSE
-0,127	0,281	-0,003	0,010	0,136	FALSE
-0,093	0,293	-0,003	0,015	0,086	FALSE
0,159	0,270	0,005	0,011	0,188	FALSE
0,202	0,272	0,007	0,011	0,294	FALSE
-0,030	0,287	-0,002	0,010	0,091	FALSE
0,040	0,284	0,002	0,009	0,094	FALSE
0,048	0,286	0,000	0,009	0,005	FALSE
0,050	0,283	0,004	0,014	0,109	FALSE
-0,049	0,281	-0,003	0,010	0,133	FALSE
-0,034	0,291	-0,001	0,008	0,055	FALSE
0,024	0,284	0,000	0,007	0,015	FALSE
-0,018	0,283	0,000	0,010	0,016	FALSE
-0,003	0,284	-0,001	0,008	0,052	FALSE
-0,160	0,281	-0,004	0,009	0,208	FALSE
0,088	0,292	0,006	0,015	0,170	FALSE
0,039	0,295	0,001	0,014	0,019	FALSE
-0,066	0,284	-0,002	0,013	0,062	FALSE
0,003	0,280	0,001	0,012	0,028	FALSE
0,107	0,281	0,004	0,010	0,146	FALSE
-0,012	0,279	0,000	0,008	0,003	FALSE
-0,143	0,285	-0,007	0,015	0,206	FALSE
0,012	0,292	0,000	0,008	0,002	FALSE
-0,122	0,280	-0,003	0,014	0,078	FALSE
0,005	0,302	0,000	0,008	0,003	FALSE
0,055	0,291	0,003	0,009	0,150	FALSE
0,079	0,281	0,001	0,010	0,051	FALSE
0,108	0,288	0,004	0,007	0,248	FALSE
-0,048	0,289	-0,002	0,014	0,043	FALSE
-0,043	0,292	-0,002	0,013	0,061	FALSE
0,081	0,281	0,003	0,014	0,077	FALSE
0,164	0,292	0,004	0,008	0,220	FALSE
0,165	0,290	0,004	0,007	0,203	FALSE
-0,054	0,285	-0,001	0,008	0,035	FALSE
-0,024	0,287	0,000	0,007	0,012	FALSE
0,135	0,303	0,004	0,014	0,100	FALSE

0,101	0,276	0,004	0,009	0,196	FALSE
-0,174	0,287	-0,008	0,013	0,252	FALSE
-0,214	0,279	-0,009	0,012	0,362	FALSE
-0,059	0,280	-0,001	0,014	0,015	FALSE
0,187	0,278	0,008	0,014	0,234	FALSE
-0,020	0,291	0,001	0,015	0,029	FALSE
0,068	0,287	0,003	0,011	0,128	FALSE
-0,032	0,290	-0,001	0,008	0,051	FALSE
-0,069	0,283	-0,002	0,015	0,042	FALSE
-0,018	0,282	-0,001	0,010	0,030	FALSE
0,109	0,285	0,003	0,009	0,139	FALSE
0,029	0,289	0,002	0,008	0,078	FALSE
-0,015	0,286	-0,002	0,011	0,074	FALSE
0,185	0,287	0,004	0,009	0,198	FALSE
0,053	0,287	0,002	0,008	0,122	FALSE
0,031	0,302	0,002	0,009	0,080	FALSE
0,032	0,291	0,001	0,013	0,025	FALSE
-0,066	0,291	-0,001	0,009	0,026	FALSE
0,031	0,285	0,000	0,014	0,003	FALSE
-0,043	0,289	-0,001	0,013	0,037	FALSE
0,147	0,278	0,006	0,015	0,153	FALSE
0,164	0,279	0,006	0,015	0,159	FALSE
-0,007	0,284	0,001	0,013	0,025	FALSE
0,191	0,270	0,005	0,008	0,265	FALSE
-0,097	0,264	-0,002	0,013	0,067	FALSE
-0,026	0,287	0,000	0,011	0,014	FALSE
-0,105	0,288	-0,005	0,009	0,221	FALSE
0,108	0,282	0,004	0,011	0,132	FALSE
-0,100	0,298	-0,005	0,016	0,121	FALSE
0,068	0,299	0,002	0,008	0,095	FALSE
-0,040	0,288	-0,001	0,009	0,047	FALSE
0,033	0,283	0,001	0,009	0,024	FALSE
0,043	0,295	0,001	0,009	0,046	FALSE
0,120	0,288	0,005	0,010	0,228	FALSE
0,057	0,288	0,000	0,014	0,005	FALSE
-0,003	0,284	0,001	0,009	0,030	FALSE
0,087	0,292	0,004	0,015	0,103	FALSE
-0,016	0,294	0,000	0,014	0,004	FALSE
-0,002	0,302	0,001	0,014	0,019	FALSE
0,066	0,270	0,001	0,009	0,050	FALSE
0,092	0,299	0,003	0,008	0,118	FALSE
-0,094	0,276	-0,003	0,010	0,119	FALSE
0,180	0,281	0,008	0,010	0,339	FALSE
0,174	0,291	0,004	0,008	0,191	FALSE
0,080	0,280	0,002	0,007	0,087	FALSE
0,050	0,301	0,002	0,010	0,062	FALSE
-0,141	0,289	-0,007	0,014	0,224	FALSE
0,084	0,282	0,006	0,014	0,183	FALSE
0,065	0,276	0,001	0,009	0,024	FALSE
0,076	0,283	0,002	0,009	0,075	FALSE
0,121	0,281	0,005	0,009	0,245	FALSE
0,031	0,296	0,002	0,011	0,065	FALSE
0,153	0,287	0,005	0,009	0,272	FALSE

0,152	0,297	0,006	0,010	0,240	FALSE
-0,206	0,288	-0,006	0,010	0,295	FALSE
0,121	0,294	0,005	0,012	0,182	FALSE
-0,031	0,285	0,000	0,007	0,003	FALSE
0,037	0,282	0,001	0,011	0,043	FALSE
0,174	0,276	0,004	0,008	0,189	FALSE
0,060	0,296	0,003	0,012	0,116	FALSE
0,110	0,293	0,007	0,014	0,196	FALSE
0,093	0,294	0,006	0,014	0,172	FALSE
0,071	0,288	0,004	0,013	0,111	FALSE
-0,180	0,272	-0,006	0,010	0,250	FALSE
0,000	0,293	-0,001	0,009	0,028	FALSE
-0,064	0,287	-0,003	0,010	0,117	FALSE
-0,054	0,284	-0,001	0,014	0,027	FALSE
-0,080	0,291	-0,003	0,014	0,075	FALSE
-0,068	0,297	-0,003	0,014	0,074	FALSE
0,019	0,291	0,001	0,008	0,025	FALSE
-0,032	0,274	-0,001	0,011	0,039	FALSE
-0,030	0,286	-0,002	0,014	0,041	FALSE
0,065	0,279	0,001	0,008	0,055	FALSE
0,081	0,283	0,001	0,008	0,054	FALSE
-0,004	0,285	0,000	0,010	0,010	FALSE
-0,012	0,289	-0,001	0,011	0,026	FALSE
0,017	0,288	0,000	0,007	0,007	FALSE
0,160	0,287	0,003	0,007	0,176	FALSE
0,036	0,290	0,001	0,013	0,034	FALSE
0,026	0,290	0,002	0,013	0,049	FALSE
-0,114	0,284	-0,005	0,009	0,210	FALSE
0,011	0,290	0,001	0,007	0,061	FALSE
0,176	0,290	0,004	0,009	0,161	FALSE
0,120	0,290	0,003	0,008	0,128	FALSE
0,212	0,276	0,004	0,009	0,202	FALSE
0,004	0,297	0,001	0,012	0,044	FALSE
0,005	0,286	0,001	0,013	0,028	FALSE
0,211	0,270	0,007	0,012	0,282	FALSE
-0,110	0,277	-0,002	0,010	0,072	FALSE
0,025	0,280	0,001	0,015	0,023	FALSE
0,042	0,295	0,000	0,011	0,015	FALSE
0,009	0,279	-0,002	0,012	0,048	FALSE
-0,202	0,263	-0,006	0,009	0,291	FALSE
0,002	0,292	0,000	0,009	0,002	FALSE
-0,117	0,282	-0,007	0,015	0,195	FALSE
-0,117	0,283	-0,001	0,009	0,056	FALSE
0,020	0,293	0,000	0,014	0,008	FALSE
-0,084	0,281	-0,001	0,014	0,037	FALSE
0,133	0,293	0,003	0,008	0,175	FALSE
0,133	0,277	0,003	0,007	0,147	FALSE
-0,047	0,279	-0,002	0,008	0,102	FALSE
0,041	0,291	-0,001	0,009	0,026	FALSE
-0,020	0,284	0,000	0,008	0,015	FALSE
0,147	0,284	0,004	0,007	0,217	FALSE
-0,025	0,283	0,000	0,009	0,020	FALSE
0,023	0,277	-0,003	0,012	0,106	FALSE

-0,067	0,285	-0,004	0,012	0,125	FALSE
-0,001	0,273	0,003	0,014	0,088	FALSE
0,074	0,290	0,001	0,010	0,039	FALSE
0,127	0,285	0,006	0,013	0,178	FALSE
0,048	0,291	0,002	0,013	0,059	FALSE
0,206	0,272	0,005	0,008	0,293	FALSE
-0,162	0,281	-0,005	0,010	0,239	FALSE
0,012	0,277	0,000	0,012	0,007	FALSE
0,119	0,276	0,005	0,014	0,151	FALSE
-0,068	0,289	-0,002	0,008	0,116	FALSE
0,066	0,286	0,001	0,012	0,046	FALSE
-0,216	0,278	-0,008	0,010	0,380	FALSE
0,096	0,270	0,003	0,014	0,085	FALSE
0,059	0,281	0,001	0,010	0,021	FALSE
0,009	0,268	0,000	0,013	0,012	FALSE
0,062	0,278	0,002	0,011	0,067	FALSE
-0,001	0,295	-0,002	0,009	0,088	FALSE
0,010	0,287	-0,002	0,009	0,090	FALSE
0,118	0,283	0,006	0,011	0,241	FALSE
0,050	0,300	0,000	0,015	0,011	FALSE
0,118	0,305	0,003	0,008	0,141	FALSE
-0,043	0,279	-0,002	0,011	0,057	FALSE
0,035	0,280	0,004	0,015	0,092	FALSE
0,081	0,286	0,005	0,014	0,138	FALSE
-0,119	0,285	-0,003	0,010	0,117	FALSE
-0,027	0,281	-0,001	0,014	0,013	FALSE
-0,090	0,293	-0,004	0,012	0,134	FALSE
-0,030	0,302	-0,001	0,009	0,055	FALSE
0,137	0,274	0,002	0,010	0,083	FALSE
0,018	0,289	0,000	0,010	0,002	FALSE
0,017	0,284	0,001	0,012	0,039	FALSE
0,073	0,296	0,001	0,010	0,031	FALSE
0,089	0,281	0,003	0,010	0,131	FALSE
0,162	0,277	0,005	0,012	0,180	FALSE
-0,165	0,278	-0,003	0,007	0,191	FALSE
0,142	0,270	0,004	0,012	0,136	FALSE
0,110	0,285	0,003	0,007	0,154	FALSE
-0,025	0,270	-0,001	0,008	0,047	FALSE
0,041	0,291	0,001	0,012	0,036	FALSE
-0,014	0,287	0,000	0,010	0,017	FALSE
0,025	0,284	-0,002	0,015	0,055	FALSE
0,154	0,290	0,003	0,009	0,152	FALSE
-0,123	0,273	-0,004	0,011	0,136	FALSE
-0,109	0,286	-0,004	0,011	0,137	FALSE
-0,053	0,293	-0,004	0,014	0,122	FALSE
0,139	0,286	0,002	0,008	0,124	FALSE
-0,039	0,294	0,000	0,008	0,006	FALSE
0,048	0,295	0,001	0,009	0,055	FALSE
-0,065	0,275	-0,002	0,007	0,104	FALSE
0,061	0,287	0,002	0,009	0,086	FALSE
-0,178	0,280	-0,004	0,008	0,176	FALSE
-0,149	0,277	-0,003	0,009	0,131	FALSE
0,069	0,287	0,001	0,007	0,075	FALSE

-0,062	0,294	-0,001	0,008	0,057	FALSE
-0,066	0,282	-0,001	0,007	0,068	FALSE
-0,160	0,278	-0,006	0,015	0,174	FALSE
0,074	0,291	0,002	0,014	0,060	FALSE
-0,017	0,293	0,000	0,009	0,019	FALSE
0,167	0,302	0,005	0,010	0,220	FALSE
0,030	0,288	0,001	0,014	0,036	FALSE
0,070	0,273	0,003	0,014	0,094	FALSE
-0,060	0,272	-0,005	0,015	0,133	FALSE
0,108	0,279	0,003	0,011	0,102	FALSE
0,073	0,268	0,001	0,014	0,013	FALSE
0,025	0,284	0,001	0,008	0,068	FALSE
0,007	0,297	0,001	0,007	0,039	FALSE
0,017	0,291	0,001	0,008	0,052	FALSE
0,099	0,275	0,005	0,012	0,153	FALSE
-0,050	0,289	0,000	0,009	0,018	FALSE
0,067	0,288	0,004	0,014	0,122	FALSE
-0,101	0,289	-0,006	0,014	0,186	FALSE
-0,005	0,294	0,000	0,008	0,019	FALSE
0,141	0,282	0,005	0,010	0,229	FALSE
0,114	0,292	0,006	0,012	0,194	FALSE
-0,145	0,283	-0,004	0,010	0,172	FALSE
-0,154	0,270	-0,003	0,008	0,150	FALSE
0,052	0,281	-0,001	0,013	0,035	FALSE
-0,113	0,286	-0,003	0,009	0,144	FALSE
-0,114	0,282	-0,002	0,008	0,100	FALSE
0,106	0,287	0,002	0,008	0,109	FALSE
0,086	0,294	0,005	0,012	0,169	FALSE
-0,045	0,278	-0,003	0,009	0,127	FALSE
-0,075	0,278	-0,002	0,009	0,101	FALSE
0,078	0,281	0,005	0,014	0,144	FALSE
0,080	0,287	0,003	0,015	0,081	FALSE
0,023	0,296	0,002	0,014	0,059	FALSE
0,052	0,294	0,005	0,014	0,128	FALSE
-0,044	0,289	-0,002	0,015	0,058	FALSE
0,203	0,281	0,007	0,013	0,250	FALSE
-0,046	0,291	-0,003	0,009	0,132	FALSE
0,063	0,282	0,002	0,009	0,079	FALSE
-0,115	0,284	-0,002	0,009	0,071	FALSE
-0,006	0,285	0,000	0,008	0,014	FALSE
0,104	0,277	0,006	0,009	0,266	FALSE
0,076	0,297	0,001	0,011	0,031	FALSE
-0,151	0,273	-0,006	0,009	0,288	FALSE
0,003	0,289	0,000	0,014	0,006	FALSE
-0,030	0,279	0,001	0,014	0,025	FALSE
0,032	0,289	0,003	0,014	0,087	FALSE
-0,038	0,287	-0,002	0,012	0,048	FALSE
-0,157	0,278	-0,010	0,014	0,308	FALSE
-0,157	0,276	-0,009	0,014	0,291	FALSE
-0,050	0,300	-0,002	0,015	0,050	FALSE
-0,043	0,284	-0,001	0,015	0,015	FALSE
0,079	0,276	0,003	0,007	0,151	FALSE
-0,093	0,293	-0,005	0,014	0,141	FALSE

0,070	0,294	0,004	0,014	0,119	FALSE
0,025	0,288	0,002	0,011	0,066	FALSE
-0,077	0,298	-0,002	0,013	0,058	FALSE
-0,046	0,287	-0,001	0,009	0,046	FALSE
0,010	0,280	-0,001	0,008	0,047	FALSE
-0,135	0,288	-0,003	0,010	0,121	FALSE
-0,009	0,287	0,000	0,007	0,016	FALSE
0,159	0,275	0,008	0,014	0,259	FALSE
0,107	0,288	0,006	0,015	0,161	FALSE
-0,082	0,288	-0,005	0,015	0,147	FALSE
-0,006	0,284	0,000	0,012	0,013	FALSE
0,060	0,275	0,002	0,014	0,043	FALSE
-0,045	0,283	-0,002	0,009	0,098	FALSE
-0,047	0,297	0,000	0,010	0,011	FALSE
0,001	0,301	-0,001	0,008	0,023	FALSE
-0,110	0,281	-0,002	0,008	0,104	FALSE
-0,170	0,280	-0,007	0,012	0,258	FALSE
0,017	0,290	0,001	0,011	0,028	FALSE
-0,026	0,297	-0,001	0,007	0,039	FALSE
-0,051	0,282	-0,002	0,008	0,075	FALSE
0,062	0,288	0,003	0,014	0,066	FALSE
-0,007	0,302	0,000	0,008	0,017	FALSE
0,122	0,282	0,004	0,011	0,164	FALSE
0,105	0,283	0,006	0,015	0,172	FALSE
0,085	0,275	0,004	0,013	0,114	FALSE
0,130	0,269	0,003	0,009	0,144	FALSE
-0,119	0,285	-0,005	0,011	0,188	FALSE
-0,034	0,292	0,000	0,008	0,020	FALSE
0,054	0,292	0,002	0,010	0,084	FALSE
0,070	0,287	0,001	0,008	0,033	FALSE
-0,091	0,279	-0,002	0,008	0,126	FALSE
-0,086	0,285	-0,004	0,011	0,132	FALSE
0,076	0,284	0,004	0,011	0,149	FALSE
0,096	0,289	0,003	0,012	0,079	FALSE
-0,087	0,290	-0,001	0,008	0,054	FALSE
0,156	0,270	0,005	0,014	0,156	FALSE
0,058	0,284	0,001	0,008	0,050	FALSE
-0,078	0,289	-0,002	0,014	0,061	FALSE
0,000	0,289	-0,001	0,015	0,030	FALSE
0,136	0,280	0,004	0,012	0,129	FALSE
-0,015	0,279	0,002	0,015	0,041	FALSE
0,020	0,272	0,000	0,007	0,007	FALSE
0,102	0,281	0,002	0,008	0,104	FALSE
-0,070	0,292	0,000	0,012	0,005	FALSE
0,047	0,290	0,003	0,008	0,142	FALSE
-0,164	0,286	-0,009	0,014	0,275	FALSE
-0,013	0,299	-0,001	0,009	0,029	FALSE
0,032	0,291	0,001	0,011	0,031	FALSE
-0,061	0,306	-0,002	0,015	0,053	FALSE
0,035	0,303	0,002	0,013	0,069	FALSE
0,077	0,281	0,002	0,014	0,056	FALSE
-0,081	0,283	-0,001	0,009	0,031	FALSE
0,053	0,283	0,000	0,010	0,006	FALSE

0,020	0,293	0,000	0,011	0,014	FALSE
-0,089	0,282	-0,006	0,015	0,167	FALSE
0,020	0,275	0,001	0,009	0,039	FALSE
-0,159	0,261	-0,005	0,015	0,143	FALSE
0,099	0,266	0,002	0,011	0,066	FALSE
0,077	0,275	0,001	0,011	0,035	FALSE
0,054	0,287	0,004	0,012	0,115	FALSE
0,168	0,291	0,006	0,012	0,190	FALSE
-0,024	0,283	-0,002	0,014	0,047	FALSE
0,120	0,291	0,002	0,010	0,070	FALSE
-0,110	0,278	-0,005	0,012	0,162	FALSE
0,102	0,286	0,006	0,015	0,157	FALSE
0,061	0,274	0,004	0,015	0,112	FALSE
0,043	0,282	0,001	0,008	0,042	FALSE
-0,160	0,275	-0,005	0,008	0,271	FALSE
0,077	0,296	0,004	0,011	0,133	FALSE
-0,093	0,289	-0,003	0,008	0,123	FALSE
-0,026	0,290	-0,001	0,009	0,030	FALSE
-0,085	0,285	-0,003	0,009	0,126	FALSE
0,058	0,268	-0,001	0,007	0,028	FALSE
-0,114	0,274	-0,005	0,009	0,241	FALSE
-0,341	0,260	-0,012	0,009	0,680	FALSE
-0,038	0,281	-0,002	0,015	0,055	FALSE
0,061	0,283	0,003	0,009	0,121	FALSE
0,014	0,289	0,000	0,015	0,006	FALSE
0,027	0,287	-0,001	0,009	0,036	FALSE
-0,061	0,288	-0,002	0,011	0,076	FALSE
-0,043	0,278	0,000	0,007	0,023	FALSE
0,120	0,294	0,004	0,010	0,143	FALSE
-0,068	0,286	-0,001	0,010	0,051	FALSE
0,020	0,300	0,001	0,009	0,044	FALSE
0,171	0,285	0,005	0,013	0,165	FALSE
-0,143	0,280	-0,003	0,008	0,154	FALSE
-0,099	0,294	-0,002	0,008	0,102	FALSE
0,053	0,270	0,002	0,012	0,044	FALSE
0,054	0,270	0,001	0,011	0,051	FALSE
0,104	0,289	0,002	0,008	0,085	FALSE
0,102	0,282	0,003	0,010	0,138	FALSE
-0,026	0,299	-0,001	0,012	0,020	FALSE
0,135	0,292	0,005	0,009	0,217	FALSE
-0,009	0,291	0,000	0,015	0,006	FALSE
-0,028	0,294	-0,001	0,014	0,033	FALSE
0,037	0,279	0,000	0,013	0,013	FALSE
-0,043	0,295	-0,001	0,012	0,028	FALSE
-0,123	0,302	-0,003	0,008	0,161	FALSE
0,060	0,287	0,003	0,013	0,076	FALSE
0,110	0,281	0,005	0,014	0,155	FALSE
0,027	0,292	0,001	0,011	0,024	FALSE
-0,049	0,285	-0,002	0,008	0,082	FALSE
-0,022	0,279	0,001	0,014	0,016	FALSE
-0,056	0,291	-0,002	0,010	0,079	FALSE
0,144	0,277	0,004	0,008	0,188	FALSE
-0,148	0,278	-0,006	0,010	0,280	FALSE

0,041	0,287	0,001	0,010	0,052	FALSE
0,101	0,272	0,004	0,015	0,116	FALSE
0,090	0,269	0,004	0,014	0,112	FALSE
-0,037	0,292	-0,001	0,011	0,043	FALSE
0,032	0,279	-0,001	0,007	0,037	FALSE
-0,025	0,276	0,000	0,008	0,012	FALSE
0,017	0,291	0,002	0,014	0,058	FALSE
-0,160	0,286	-0,004	0,008	0,194	FALSE
-0,042	0,277	0,000	0,010	0,013	FALSE
0,072	0,290	0,003	0,008	0,159	FALSE
0,046	0,287	0,002	0,009	0,094	FALSE
0,090	0,291	0,006	0,013	0,210	FALSE
-0,078	0,263	-0,003	0,007	0,145	FALSE
0,069	0,273	0,000	0,007	0,006	FALSE
0,017	0,294	0,002	0,013	0,059	FALSE
-0,056	0,291	-0,005	0,015	0,123	FALSE
-0,145	0,296	-0,009	0,015	0,241	FALSE
0,032	0,302	0,001	0,013	0,034	FALSE
0,019	0,288	0,002	0,014	0,059	FALSE
0,064	0,283	0,001	0,008	0,054	FALSE
0,041	0,288	0,003	0,014	0,069	FALSE
0,083	0,283	0,001	0,009	0,029	FALSE
-0,084	0,297	-0,002	0,008	0,083	FALSE
-0,056	0,291	-0,004	0,013	0,125	FALSE
-0,038	0,283	-0,002	0,009	0,081	FALSE
-0,061	0,285	-0,002	0,009	0,092	FALSE
0,052	0,290	0,001	0,008	0,061	FALSE
-0,138	0,274	-0,003	0,008	0,157	FALSE
-0,033	0,283	-0,001	0,010	0,044	FALSE
0,021	0,280	0,000	0,009	0,010	FALSE
-0,062	0,288	-0,003	0,008	0,125	FALSE
-0,160	0,293	-0,004	0,010	0,150	FALSE
-0,035	0,286	-0,001	0,012	0,020	FALSE
-0,128	0,270	-0,006	0,010	0,279	FALSE
-0,086	0,280	-0,002	0,008	0,082	FALSE
0,088	0,295	0,002	0,010	0,062	FALSE
-0,032	0,292	0,000	0,012	0,001	FALSE
0,035	0,288	0,002	0,011	0,051	FALSE
0,037	0,297	0,001	0,008	0,069	FALSE
-0,093	0,280	-0,001	0,012	0,036	FALSE
-0,193	0,266	-0,004	0,008	0,170	FALSE
-0,031	0,298	-0,001	0,015	0,022	FALSE
0,068	0,269	-0,001	0,013	0,038	FALSE
-0,096	0,286	0,000	0,008	0,023	FALSE
0,009	0,286	0,000	0,008	0,009	FALSE
-0,012	0,300	0,000	0,010	0,003	FALSE
-0,065	0,283	-0,003	0,014	0,082	FALSE
0,020	0,294	0,000	0,007	0,017	FALSE
-0,064	0,279	-0,003	0,008	0,129	FALSE
-0,082	0,277	-0,003	0,014	0,087	FALSE
-0,213	0,286	-0,005	0,013	0,166	FALSE
-0,215	0,273	-0,005	0,012	0,187	FALSE
-0,257	0,275	-0,008	0,011	0,314	FALSE

0,034	0,279	0,001	0,009	0,031	FALSE
0,053	0,279	0,002	0,010	0,082	FALSE
-0,164	0,270	-0,010	0,014	0,326	FALSE
0,179	0,272	0,009	0,015	0,286	FALSE
0,061	0,288	0,002	0,014	0,067	FALSE
0,097	0,273	0,001	0,007	0,065	FALSE
-0,104	0,284	-0,004	0,009	0,186	FALSE
0,045	0,276	0,001	0,013	0,020	FALSE
0,140	0,293	0,003	0,008	0,158	FALSE
0,080	0,285	0,001	0,008	0,066	FALSE
-0,062	0,285	-0,001	0,009	0,047	FALSE
-0,096	0,282	-0,002	0,010	0,085	FALSE
0,037	0,287	0,000	0,015	0,009	FALSE
-0,063	0,268	-0,005	0,014	0,125	FALSE
-0,068	0,275	-0,005	0,012	0,161	FALSE
0,055	0,268	0,003	0,010	0,107	FALSE
0,078	0,283	0,006	0,014	0,170	FALSE
0,077	0,290	0,004	0,010	0,165	FALSE
-0,022	0,281	0,002	0,014	0,048	FALSE
-0,070	0,285	0,000	0,011	0,007	FALSE
0,167	0,279	0,002	0,008	0,120	FALSE
0,072	0,296	0,003	0,014	0,090	FALSE
0,013	0,290	0,001	0,013	0,016	FALSE
0,103	0,284	0,006	0,014	0,163	FALSE
0,074	0,295	0,006	0,015	0,152	FALSE
-0,020	0,286	-0,001	0,015	0,030	FALSE
-0,084	0,290	-0,005	0,015	0,125	FALSE
0,180	0,287	0,003	0,008	0,168	FALSE
0,073	0,290	0,001	0,008	0,058	FALSE
-0,124	0,277	-0,003	0,007	0,200	FALSE
-0,121	0,279	-0,003	0,008	0,158	FALSE
0,033	0,297	0,004	0,014	0,121	FALSE
-0,002	0,292	-0,001	0,008	0,069	FALSE
0,019	0,280	0,001	0,008	0,057	FALSE
-0,018	0,299	0,000	0,013	0,009	FALSE
0,037	0,289	0,003	0,013	0,081	FALSE
-0,015	0,281	-0,002	0,014	0,043	FALSE
-0,196	0,278	-0,009	0,014	0,281	FALSE
-0,044	0,287	-0,001	0,009	0,041	FALSE
-0,007	0,300	-0,001	0,014	0,026	FALSE
-0,139	0,287	-0,007	0,015	0,199	FALSE
-0,200	0,270	-0,004	0,010	0,176	FALSE
0,130	0,279	0,003	0,007	0,172	FALSE
-0,020	0,295	0,000	0,008	0,015	FALSE
0,036	0,283	0,000	0,010	0,012	FALSE
0,072	0,292	0,001	0,014	0,016	FALSE
0,092	0,284	0,002	0,014	0,058	FALSE
0,037	0,291	0,002	0,014	0,059	FALSE
0,064	0,286	0,003	0,012	0,086	FALSE
0,072	0,284	0,004	0,010	0,183	FALSE
0,088	0,288	0,005	0,013	0,142	FALSE
0,136	0,277	0,001	0,012	0,040	FALSE
0,221	0,291	0,006	0,008	0,331	FALSE

0,099	0,277	0,002	0,007	0,120	FALSE
-0,024	0,294	-0,001	0,008	0,026	FALSE
0,091	0,286	0,003	0,012	0,082	FALSE
0,106	0,291	0,002	0,011	0,063	FALSE
-0,202	0,287	-0,010	0,014	0,323	FALSE
0,052	0,287	0,004	0,012	0,131	FALSE
0,154	0,292	0,006	0,015	0,160	FALSE
0,185	0,277	0,005	0,009	0,248	FALSE
0,112	0,273	0,005	0,011	0,207	FALSE
-0,016	0,286	0,000	0,008	0,003	FALSE
0,028	0,284	0,000	0,008	0,013	FALSE
-0,009	0,276	-0,001	0,007	0,027	FALSE
-0,041	0,296	-0,001	0,015	0,023	FALSE
0,021	0,282	0,002	0,015	0,043	FALSE
0,104	0,285	0,003	0,009	0,134	FALSE
-0,002	0,268	0,000	0,014	0,000	FALSE
-0,093	0,272	-0,002	0,007	0,099	FALSE
-0,001	0,285	0,000	0,008	0,002	FALSE
0,036	0,280	0,002	0,009	0,093	FALSE
-0,002	0,283	0,001	0,010	0,021	FALSE
0,052	0,289	0,002	0,008	0,114	FALSE
0,092	0,291	0,002	0,010	0,084	FALSE
0,166	0,269	0,005	0,010	0,201	FALSE
-0,160	0,287	-0,008	0,012	0,294	FALSE
-0,131	0,303	-0,006	0,014	0,162	FALSE
0,022	0,289	0,001	0,008	0,040	FALSE
-0,010	0,292	0,001	0,010	0,032	FALSE
-0,013	0,297	0,001	0,010	0,043	FALSE
0,031	0,278	0,002	0,013	0,056	FALSE
-0,023	0,282	0,000	0,013	0,002	FALSE
-0,092	0,286	-0,005	0,013	0,164	FALSE
0,135	0,297	0,004	0,010	0,138	FALSE
0,055	0,289	0,002	0,012	0,056	FALSE
0,105	0,279	0,006	0,014	0,172	FALSE
-0,127	0,283	-0,003	0,008	0,155	FALSE
-0,017	0,296	0,000	0,014	0,011	FALSE
-0,009	0,300	-0,001	0,011	0,017	FALSE
0,078	0,300	0,002	0,014	0,054	FALSE
0,147	0,292	0,006	0,012	0,198	FALSE
0,103	0,293	0,004	0,013	0,109	FALSE
0,144	0,292	0,005	0,011	0,167	FALSE
0,030	0,298	0,000	0,009	0,016	FALSE
0,138	0,279	0,002	0,008	0,096	FALSE
0,093	0,289	0,004	0,008	0,200	FALSE
0,083	0,291	0,002	0,007	0,126	FALSE
-0,076	0,268	-0,002	0,008	0,071	FALSE
-0,043	0,294	-0,001	0,013	0,020	FALSE
0,004	0,287	0,001	0,008	0,073	FALSE
-0,039	0,295	0,000	0,009	0,004	FALSE
-0,061	0,273	-0,003	0,008	0,170	FALSE
-0,062	0,284	-0,001	0,009	0,023	FALSE
-0,115	0,297	-0,004	0,010	0,142	FALSE
0,177	0,291	0,003	0,007	0,141	FALSE

-0,040	0,294	-0,002	0,010	0,054	FALSE
0,041	0,295	0,001	0,009	0,044	FALSE
-0,131	0,280	-0,004	0,010	0,167	FALSE
-0,076	0,286	-0,003	0,010	0,125	FALSE
-0,010	0,292	0,000	0,009	0,012	FALSE
0,020	0,287	0,000	0,009	0,003	FALSE
0,048	0,295	0,001	0,011	0,018	FALSE
-0,046	0,290	-0,004	0,014	0,125	FALSE
-0,001	0,292	-0,001	0,013	0,041	FALSE
-0,005	0,293	0,001	0,009	0,031	FALSE
0,004	0,299	0,000	0,011	0,008	FALSE
0,072	0,310	0,000	0,010	0,001	FALSE
-0,096	0,288	-0,002	0,008	0,100	FALSE
-0,070	0,284	-0,004	0,015	0,092	FALSE
0,029	0,288	0,003	0,015	0,082	FALSE
0,000	0,285	0,000	0,008	0,010	FALSE
-0,073	0,282	-0,004	0,011	0,156	FALSE
0,018	0,291	0,001	0,008	0,031	FALSE
0,045	0,289	0,002	0,011	0,054	FALSE
-0,186	0,293	-0,008	0,014	0,242	FALSE
0,051	0,290	0,004	0,013	0,120	FALSE
-0,048	0,288	-0,003	0,013	0,087	FALSE
-0,086	0,281	-0,003	0,009	0,120	FALSE
0,015	0,286	0,002	0,013	0,046	FALSE
-0,077	0,284	-0,003	0,007	0,154	FALSE
0,175	0,271	0,007	0,013	0,229	FALSE
0,012	0,301	0,001	0,014	0,020	FALSE
-0,065	0,284	-0,004	0,012	0,129	FALSE
-0,071	0,278	-0,002	0,008	0,099	FALSE
-0,182	0,292	-0,007	0,013	0,212	FALSE
0,051	0,288	0,001	0,009	0,025	FALSE
0,056	0,288	0,001	0,008	0,037	FALSE
0,020	0,285	0,001	0,009	0,051	FALSE
0,039	0,288	0,001	0,008	0,042	FALSE
-0,010	0,291	0,001	0,009	0,031	FALSE
-0,063	0,281	-0,001	0,008	0,060	FALSE
-0,031	0,284	-0,001	0,007	0,032	FALSE
-0,020	0,299	-0,001	0,008	0,034	FALSE
-0,069	0,300	-0,002	0,010	0,091	FALSE
0,036	0,289	0,001	0,012	0,038	FALSE
-0,071	0,287	-0,003	0,007	0,158	FALSE
-0,037	0,279	-0,003	0,013	0,073	FALSE
-0,004	0,294	-0,001	0,015	0,017	FALSE
-0,042	0,285	-0,003	0,010	0,112	FALSE
-0,109	0,277	-0,002	0,010	0,063	FALSE
0,077	0,286	0,003	0,015	0,071	FALSE
-0,091	0,296	-0,001	0,011	0,021	FALSE
0,076	0,279	0,002	0,011	0,068	FALSE
0,108	0,289	0,003	0,007	0,140	FALSE
-0,058	0,284	-0,003	0,012	0,079	FALSE
-0,121	0,286	-0,006	0,011	0,212	FALSE
-0,097	0,291	-0,004	0,011	0,134	FALSE
-0,018	0,288	0,000	0,008	0,011	FALSE

0,015	0,296	0,001	0,010	0,040	FALSE
-0,035	0,276	-0,001	0,008	0,051	FALSE
0,065	0,280	0,002	0,011	0,056	FALSE
-0,020	0,289	0,000	0,013	0,002	FALSE
-0,041	0,284	-0,001	0,012	0,042	FALSE
-0,037	0,286	-0,001	0,012	0,026	FALSE
0,013	0,279	-0,002	0,008	0,077	FALSE
0,084	0,267	-0,001	0,013	0,015	FALSE
-0,168	0,277	-0,007	0,013	0,224	FALSE
0,056	0,284	0,000	0,009	0,009	FALSE
-0,093	0,294	-0,003	0,009	0,127	FALSE
0,073	0,288	0,001	0,013	0,037	FALSE
0,132	0,283	0,002	0,008	0,098	FALSE
0,118	0,285	0,005	0,009	0,206	FALSE
0,119	0,290	0,006	0,015	0,156	FALSE
0,071	0,282	0,000	0,009	0,003	FALSE
-0,042	0,295	-0,001	0,013	0,029	FALSE
-0,104	0,277	-0,001	0,008	0,061	FALSE
0,173	0,278	0,005	0,011	0,180	FALSE
0,045	0,288	0,003	0,012	0,099	FALSE
0,040	0,295	0,003	0,013	0,093	FALSE
-0,022	0,300	-0,002	0,015	0,044	FALSE
-0,141	0,282	-0,004	0,010	0,176	FALSE
0,048	0,292	0,000	0,012	0,011	FALSE
-0,122	0,289	-0,003	0,011	0,100	FALSE
0,114	0,290	0,006	0,013	0,188	FALSE
-0,085	0,290	-0,008	0,015	0,212	FALSE
-0,237	0,261	-0,010	0,011	0,462	FALSE
-0,187	0,270	-0,008	0,011	0,334	FALSE
-0,197	0,269	-0,009	0,012	0,353	FALSE
-0,035	0,292	-0,002	0,009	0,107	FALSE
-0,156	0,278	-0,004	0,010	0,176	FALSE
0,046	0,285	0,003	0,010	0,130	FALSE
0,037	0,282	0,002	0,008	0,079	FALSE
-0,061	0,292	-0,002	0,008	0,098	FALSE
-0,066	0,289	-0,003	0,009	0,124	FALSE
0,035	0,288	0,003	0,007	0,170	FALSE
-0,021	0,267	0,001	0,014	0,021	FALSE
0,039	0,283	0,002	0,008	0,094	FALSE
-0,003	0,292	0,000	0,008	0,021	FALSE
-0,152	0,272	-0,004	0,008	0,249	FALSE
0,031	0,299	0,003	0,014	0,086	FALSE
0,065	0,268	-0,001	0,011	0,033	FALSE
-0,040	0,286	0,000	0,014	0,005	FALSE
-0,036	0,278	-0,003	0,012	0,099	FALSE
0,187	0,276	0,012	0,014	0,430	FALSE
-0,007	0,295	0,000	0,010	0,009	FALSE
0,049	0,281	0,000	0,008	0,010	FALSE
-0,012	0,285	-0,002	0,008	0,115	FALSE
-0,141	0,279	-0,005	0,015	0,126	FALSE
0,056	0,292	0,003	0,012	0,114	FALSE
-0,089	0,294	-0,001	0,015	0,017	FALSE
0,005	0,292	0,000	0,015	0,007	FALSE

0,007	0,297	0,000	0,013	0,001	FALSE
0,102	0,275	0,006	0,014	0,182	FALSE
0,111	0,298	0,004	0,015	0,095	FALSE
-0,123	0,282	-0,006	0,013	0,171	FALSE
0,008	0,292	0,000	0,014	0,010	FALSE
-0,052	0,301	-0,003	0,009	0,130	FALSE
-0,042	0,286	-0,001	0,007	0,066	FALSE
0,013	0,263	-0,001	0,009	0,026	FALSE
-0,007	0,295	0,001	0,010	0,051	FALSE
0,056	0,295	0,005	0,014	0,154	FALSE
-0,092	0,288	-0,002	0,011	0,080	FALSE
-0,058	0,283	-0,001	0,007	0,025	FALSE
0,155	0,282	0,002	0,008	0,119	FALSE
-0,207	0,279	-0,009	0,015	0,262	FALSE
0,004	0,289	0,000	0,014	0,005	FALSE
0,010	0,292	0,000	0,009	0,017	FALSE
0,024	0,290	0,003	0,010	0,109	FALSE
-0,062	0,278	-0,001	0,007	0,025	FALSE
0,068	0,289	0,002	0,014	0,048	FALSE
-0,054	0,290	-0,002	0,010	0,079	FALSE
-0,052	0,298	-0,002	0,009	0,098	FALSE
0,153	0,293	0,006	0,013	0,168	FALSE
-0,075	0,286	-0,003	0,012	0,090	FALSE
-0,045	0,292	-0,001	0,011	0,023	FALSE
-0,140	0,281	-0,003	0,012	0,114	FALSE
0,147	0,287	0,006	0,010	0,232	FALSE
0,023	0,280	-0,002	0,012	0,055	FALSE
-0,073	0,281	-0,002	0,009	0,067	FALSE
-0,089	0,288	-0,002	0,008	0,116	FALSE
-0,088	0,282	-0,002	0,009	0,086	FALSE
-0,057	0,284	-0,002	0,007	0,128	FALSE
-0,026	0,291	-0,001	0,009	0,039	FALSE
-0,075	0,290	-0,001	0,008	0,031	FALSE
-0,053	0,282	-0,003	0,013	0,080	FALSE
0,000	0,281	0,000	0,008	0,009	FALSE
0,081	0,288	0,002	0,008	0,070	FALSE
-0,122	0,275	-0,006	0,009	0,310	FALSE
0,021	0,291	0,001	0,008	0,051	FALSE
-0,019	0,277	0,000	0,013	0,009	FALSE
-0,157	0,269	-0,006	0,014	0,172	FALSE
-0,203	0,282	-0,007	0,009	0,312	FALSE
0,156	0,289	0,011	0,015	0,313	FALSE
0,081	0,299	0,004	0,014	0,117	FALSE
-0,107	0,286	-0,003	0,008	0,142	FALSE
-0,219	0,259	-0,005	0,008	0,327	FALSE
0,034	0,291	0,000	0,012	0,008	FALSE
-0,114	0,293	-0,003	0,012	0,078	FALSE
0,093	0,279	0,006	0,013	0,185	FALSE
-0,028	0,282	-0,002	0,011	0,058	FALSE
-0,016	0,293	0,001	0,011	0,021	FALSE
-0,060	0,280	-0,004	0,013	0,120	FALSE
0,020	0,291	-0,001	0,009	0,020	FALSE
0,125	0,289	0,006	0,012	0,200	FALSE

-0,059	0,278	0,000	0,008	0,009	FALSE
0,009	0,294	0,003	0,014	0,077	FALSE
-0,179	0,285	-0,006	0,010	0,240	FALSE
-0,026	0,275	-0,002	0,008	0,090	FALSE
-0,032	0,269	-0,002	0,013	0,049	FALSE
-0,054	0,280	-0,001	0,012	0,044	FALSE
0,052	0,276	0,000	0,012	0,013	FALSE
0,009	0,282	-0,001	0,009	0,025	FALSE
-0,093	0,281	-0,005	0,012	0,155	FALSE
0,110	0,285	0,002	0,009	0,069	FALSE
-0,073	0,286	-0,002	0,009	0,088	FALSE
-0,068	0,289	-0,001	0,009	0,026	FALSE
0,090	0,285	0,002	0,015	0,058	FALSE
0,060	0,286	0,001	0,010	0,053	FALSE
-0,252	0,258	-0,005	0,008	0,286	FALSE
-0,033	0,288	-0,002	0,015	0,043	FALSE
-0,093	0,307	-0,005	0,015	0,128	FALSE
0,167	0,279	0,008	0,012	0,282	FALSE
0,014	0,314	0,000	0,016	0,010	FALSE
-0,070	0,268	-0,002	0,010	0,065	FALSE
0,039	0,293	0,001	0,014	0,032	FALSE
-0,177	0,293	-0,005	0,007	0,280	FALSE
0,021	0,278	0,003	0,013	0,080	FALSE
-0,009	0,276	0,000	0,012	0,001	FALSE
-0,130	0,287	-0,003	0,008	0,156	FALSE
0,158	0,281	0,007	0,014	0,222	FALSE
0,210	0,270	0,005	0,007	0,330	FALSE
-0,057	0,287	-0,004	0,014	0,102	FALSE
0,067	0,289	0,004	0,013	0,131	FALSE
-0,076	0,296	-0,004	0,013	0,127	FALSE
-0,039	0,284	0,000	0,015	0,006	FALSE
0,047	0,286	0,000	0,008	0,008	FALSE
-0,036	0,279	-0,003	0,014	0,067	FALSE
-0,035	0,304	0,000	0,015	0,008	FALSE
-0,089	0,291	-0,003	0,015	0,087	FALSE
-0,105	0,286	-0,003	0,009	0,125	FALSE
-0,043	0,279	-0,003	0,011	0,105	FALSE
-0,051	0,297	-0,004	0,013	0,134	FALSE
-0,143	0,279	-0,005	0,010	0,206	FALSE
0,100	0,288	0,001	0,008	0,063	FALSE
0,082	0,291	0,002	0,012	0,072	FALSE
0,102	0,270	0,003	0,014	0,082	FALSE
-0,187	0,274	-0,006	0,014	0,181	FALSE
0,180	0,262	0,008	0,012	0,289	FALSE
0,192	0,285	0,009	0,012	0,329	FALSE
-0,015	0,291	-0,001	0,008	0,041	FALSE
0,064	0,279	0,001	0,014	0,031	FALSE
0,049	0,285	0,001	0,007	0,056	FALSE
-0,157	0,284	-0,006	0,011	0,224	FALSE
0,024	0,301	0,003	0,014	0,091	FALSE
0,084	0,289	0,003	0,011	0,088	FALSE
-0,070	0,292	-0,003	0,014	0,090	FALSE
-0,131	0,287	-0,004	0,015	0,097	FALSE

-0,045	0,278	-0,001	0,011	0,023	FALSE
-0,069	0,277	-0,001	0,011	0,041	FALSE
-0,102	0,279	-0,003	0,012	0,100	FALSE
0,036	0,287	0,000	0,011	0,015	FALSE
0,022	0,285	0,001	0,009	0,021	FALSE
0,105	0,282	0,004	0,014	0,125	FALSE
-0,006	0,289	-0,002	0,009	0,074	FALSE
0,245	0,279	0,012	0,015	0,377	FALSE
-0,075	0,288	-0,002	0,009	0,078	FALSE
-0,001	0,285	-0,001	0,009	0,031	FALSE
-0,149	0,277	-0,003	0,009	0,147	FALSE
-0,096	0,292	-0,001	0,009	0,059	FALSE
0,095	0,279	0,001	0,008	0,051	FALSE
-0,083	0,289	-0,002	0,008	0,082	FALSE
0,002	0,297	-0,001	0,014	0,023	FALSE
-0,085	0,280	-0,001	0,009	0,043	FALSE
-0,038	0,295	-0,001	0,008	0,038	FALSE
-0,033	0,296	-0,002	0,014	0,042	FALSE
-0,070	0,300	-0,004	0,014	0,129	FALSE
-0,097	0,293	-0,006	0,013	0,197	FALSE
0,040	0,288	0,003	0,010	0,102	FALSE
-0,086	0,273	-0,004	0,014	0,120	FALSE
-0,035	0,287	-0,001	0,014	0,036	FALSE
-0,026	0,272	-0,001	0,009	0,053	FALSE
0,124	0,291	0,004	0,008	0,225	FALSE
-0,011	0,285	0,001	0,012	0,028	FALSE
0,053	0,290	0,004	0,009	0,158	FALSE
0,006	0,283	-0,002	0,009	0,094	FALSE
-0,023	0,283	0,000	0,014	0,004	FALSE
-0,140	0,279	-0,005	0,012	0,164	FALSE
0,137	0,272	0,005	0,012	0,176	FALSE
-0,053	0,281	-0,005	0,015	0,142	FALSE
0,098	0,270	0,003	0,014	0,085	FALSE
0,285	0,274	0,006	0,008	0,359	FALSE
-0,003	0,296	0,000	0,013	0,003	FALSE
-0,053	0,295	-0,002	0,015	0,049	FALSE
-0,063	0,290	-0,003	0,012	0,080	FALSE
-0,014	0,268	0,000	0,012	0,007	FALSE
0,015	0,284	-0,001	0,011	0,024	FALSE
0,180	0,294	0,005	0,012	0,168	FALSE
0,230	0,281	0,010	0,013	0,344	FALSE
0,144	0,298	0,003	0,009	0,156	FALSE
-0,034	0,291	-0,001	0,009	0,055	FALSE
-0,117	0,287	-0,002	0,012	0,065	FALSE
0,067	0,279	0,004	0,012	0,120	FALSE
0,007	0,292	0,000	0,007	0,008	FALSE
-0,209	0,270	-0,008	0,011	0,340	FALSE
0,051	0,294	0,004	0,010	0,136	FALSE
-0,044	0,278	-0,002	0,008	0,117	FALSE
0,089	0,289	0,003	0,013	0,091	FALSE
-0,042	0,291	-0,002	0,009	0,076	FALSE
-0,047	0,286	-0,002	0,009	0,066	FALSE
0,079	0,289	0,003	0,015	0,087	FALSE

-0,167	0,282	-0,006	0,011	0,258	FALSE
-0,173	0,286	-0,006	0,011	0,264	FALSE
-0,067	0,293	-0,002	0,014	0,046	FALSE
-0,135	0,289	-0,003	0,008	0,156	FALSE
0,154	0,290	0,008	0,014	0,253	FALSE
-0,096	0,297	-0,003	0,014	0,092	FALSE
0,014	0,288	0,000	0,012	0,002	FALSE
-0,016	0,285	0,000	0,009	0,001	FALSE
0,021	0,294	-0,001	0,009	0,031	FALSE
0,013	0,290	0,000	0,008	0,010	FALSE
0,096	0,290	0,006	0,014	0,164	FALSE
-0,166	0,286	-0,007	0,013	0,234	FALSE
-0,129	0,290	-0,002	0,007	0,130	FALSE
-0,149	0,294	-0,003	0,007	0,174	FALSE
-0,149	0,274	-0,004	0,010	0,140	FALSE
-0,094	0,282	-0,006	0,013	0,171	FALSE
-0,088	0,278	-0,004	0,013	0,126	FALSE
0,097	0,276	0,001	0,011	0,028	FALSE
0,194	0,278	0,008	0,011	0,365	FALSE
-0,069	0,295	-0,005	0,014	0,153	FALSE
-0,025	0,282	0,000	0,014	0,009	FALSE
0,055	0,288	0,000	0,009	0,009	FALSE
-0,052	0,286	0,000	0,011	0,013	FALSE
-0,165	0,279	-0,005	0,008	0,270	FALSE
0,125	0,275	0,004	0,007	0,226	FALSE
-0,095	0,289	-0,006	0,013	0,190	FALSE
-0,044	0,283	-0,002	0,011	0,069	FALSE
-0,129	0,283	-0,006	0,013	0,187	FALSE
0,090	0,284	0,002	0,011	0,075	FALSE
-0,071	0,286	-0,002	0,008	0,088	FALSE
-0,051	0,300	-0,001	0,009	0,031	FALSE
0,049	0,280	-0,001	0,009	0,055	FALSE
-0,027	0,287	0,001	0,015	0,033	FALSE
-0,053	0,301	-0,001	0,010	0,030	FALSE
0,084	0,275	0,005	0,014	0,132	FALSE
0,201	0,279	0,009	0,015	0,255	FALSE
0,001	0,287	0,000	0,010	0,008	FALSE
0,071	0,289	0,003	0,010	0,120	FALSE
-0,034	0,278	-0,002	0,011	0,060	FALSE
-0,087	0,293	-0,004	0,013	0,124	FALSE
-0,147	0,281	-0,007	0,011	0,263	FALSE
-0,146	0,274	-0,008	0,013	0,256	FALSE
-0,012	0,280	0,003	0,015	0,079	FALSE
0,111	0,285	0,003	0,008	0,140	FALSE
-0,076	0,286	-0,004	0,015	0,107	FALSE
-0,013	0,285	-0,002	0,013	0,070	FALSE
-0,098	0,291	-0,001	0,015	0,031	FALSE
0,097	0,275	0,001	0,015	0,020	FALSE
-0,049	0,290	-0,002	0,009	0,090	FALSE
0,130	0,281	0,004	0,014	0,115	FALSE
0,086	0,293	0,002	0,009	0,064	FALSE
-0,011	0,286	0,000	0,008	0,018	FALSE
0,048	0,293	0,004	0,015	0,091	FALSE

-0,074	0,302	-0,001	0,011	0,025	FALSE
0,067	0,283	0,003	0,011	0,118	FALSE
-0,077	0,292	-0,002	0,010	0,085	FALSE
-0,016	0,298	0,000	0,010	0,016	FALSE
0,144	0,291	0,003	0,008	0,153	FALSE
-0,003	0,278	-0,002	0,013	0,063	FALSE
0,062	0,294	0,002	0,011	0,060	FALSE
0,025	0,302	0,000	0,011	0,008	FALSE
-0,112	0,277	-0,004	0,009	0,161	FALSE
0,058	0,283	0,001	0,009	0,058	FALSE
0,178	0,284	0,006	0,011	0,202	FALSE
-0,079	0,285	-0,002	0,012	0,054	FALSE
-0,105	0,275	-0,007	0,015	0,180	FALSE
0,130	0,282	0,003	0,009	0,139	FALSE
0,065	0,300	0,001	0,013	0,023	FALSE
0,134	0,282	0,002	0,012	0,059	FALSE
0,042	0,286	0,001	0,008	0,049	FALSE
0,083	0,282	0,002	0,008	0,071	FALSE
0,003	0,274	-0,002	0,009	0,083	FALSE
-0,111	0,287	-0,002	0,010	0,075	FALSE
-0,060	0,284	0,000	0,010	0,011	FALSE
0,030	0,296	0,002	0,008	0,090	FALSE
0,180	0,272	0,003	0,008	0,175	FALSE
0,146	0,283	0,003	0,007	0,153	FALSE
-0,007	0,295	0,001	0,014	0,021	FALSE
-0,108	0,283	-0,002	0,008	0,098	FALSE
-0,072	0,293	-0,003	0,014	0,066	FALSE
0,075	0,284	0,004	0,012	0,122	FALSE
0,017	0,288	0,001	0,008	0,034	FALSE
-0,051	0,297	-0,003	0,008	0,151	FALSE
0,109	0,291	0,002	0,009	0,100	FALSE
0,024	0,286	0,002	0,010	0,091	FALSE
0,032	0,294	0,002	0,015	0,050	FALSE
0,038	0,293	0,001	0,009	0,058	FALSE
-0,065	0,287	-0,001	0,008	0,035	FALSE
0,180	0,279	0,008	0,014	0,244	FALSE
0,159	0,277	0,006	0,012	0,196	FALSE
0,086	0,280	0,002	0,014	0,053	FALSE
-0,032	0,288	-0,002	0,010	0,069	FALSE
-0,052	0,295	-0,001	0,008	0,025	FALSE
0,026	0,280	0,000	0,007	0,012	FALSE
-0,007	0,291	0,002	0,013	0,042	FALSE
0,068	0,288	0,001	0,011	0,047	FALSE
-0,126	0,278	-0,006	0,012	0,192	FALSE
-0,190	0,260	-0,009	0,011	0,388	FALSE
-0,059	0,282	-0,001	0,008	0,029	FALSE
0,072	0,275	0,000	0,011	0,005	FALSE
0,174	0,292	0,005	0,012	0,172	FALSE
0,037	0,299	0,001	0,011	0,045	FALSE
-0,022	0,290	0,001	0,007	0,058	FALSE
-0,104	0,282	-0,003	0,008	0,141	FALSE
-0,078	0,287	-0,002	0,009	0,078	FALSE
0,005	0,293	0,000	0,011	0,014	FALSE

0,018	0,298	0,003	0,013	0,075	FALSE
-0,057	0,278	-0,001	0,011	0,044	FALSE
0,100	0,290	0,003	0,011	0,122	FALSE
0,053	0,281	0,003	0,013	0,079	FALSE
0,033	0,300	0,000	0,008	0,013	FALSE
-0,079	0,266	-0,002	0,010	0,095	FALSE
0,013	0,278	0,001	0,009	0,043	FALSE
-0,003	0,289	0,001	0,012	0,023	FALSE
0,061	0,292	0,001	0,011	0,033	FALSE
-0,105	0,295	-0,001	0,007	0,056	FALSE
0,075	0,286	0,003	0,013	0,080	FALSE
0,029	0,293	0,000	0,009	0,017	FALSE
-0,144	0,288	-0,003	0,008	0,134	FALSE
-0,206	0,283	-0,008	0,015	0,227	FALSE
-0,207	0,271	-0,006	0,014	0,165	FALSE
0,116	0,275	0,004	0,012	0,150	FALSE
-0,033	0,300	-0,001	0,009	0,046	FALSE
-0,051	0,284	-0,001	0,007	0,052	FALSE
0,054	0,286	0,002	0,009	0,099	FALSE
0,001	0,282	0,002	0,014	0,049	FALSE
0,111	0,286	0,006	0,014	0,167	FALSE
-0,140	0,288	-0,004	0,008	0,198	FALSE
0,023	0,289	0,002	0,013	0,068	FALSE
-0,126	0,284	-0,004	0,013	0,121	FALSE
-0,077	0,282	-0,002	0,009	0,074	FALSE
-0,105	0,282	-0,002	0,010	0,074	FALSE
0,058	0,302	0,003	0,013	0,095	FALSE
0,145	0,286	0,003	0,014	0,090	FALSE
0,098	0,272	0,001	0,009	0,027	FALSE
0,075	0,280	0,001	0,007	0,067	FALSE
-0,071	0,291	-0,002	0,009	0,068	FALSE
-0,109	0,288	-0,003	0,010	0,100	FALSE
-0,121	0,280	-0,003	0,010	0,120	FALSE
-0,079	0,289	-0,003	0,012	0,099	TRUE
-0,190	0,270	-0,006	0,011	0,235	FALSE
-0,071	0,282	-0,002	0,008	0,084	FALSE
0,106	0,279	0,005	0,012	0,166	FALSE
0,037	0,288	0,001	0,014	0,026	FALSE
-0,013	0,273	0,000	0,010	0,014	FALSE
-0,093	0,275	-0,001	0,011	0,027	FALSE
0,123	0,288	0,002	0,009	0,084	FALSE
-0,003	0,287	-0,003	0,013	0,076	FALSE
0,010	0,289	-0,002	0,013	0,058	FALSE
0,167	0,278	0,005	0,011	0,200	FALSE
-0,061	0,292	-0,001	0,007	0,071	FALSE
-0,030	0,294	0,001	0,009	0,021	FALSE
0,001	0,289	0,001	0,011	0,043	FALSE
0,066	0,285	0,001	0,010	0,035	FALSE
-0,049	0,294	-0,001	0,010	0,053	FALSE
0,202	0,277	0,007	0,012	0,255	FALSE
0,077	0,284	0,001	0,008	0,023	FALSE
-0,129	0,274	-0,004	0,008	0,184	FALSE
-0,168	0,283	-0,009	0,014	0,293	FALSE

0,147	0,290	0,008	0,015	0,215	FALSE
-0,059	0,283	-0,001	0,008	0,056	FALSE
0,036	0,286	0,003	0,008	0,164	FALSE
0,062	0,276	0,003	0,009	0,147	FALSE
-0,079	0,283	-0,002	0,009	0,091	FALSE
-0,055	0,278	-0,001	0,007	0,043	FALSE
0,112	0,281	0,006	0,014	0,182	FALSE
-0,011	0,284	0,001	0,012	0,026	FALSE
-0,140	0,259	-0,007	0,012	0,251	FALSE
-0,040	0,298	0,000	0,013	0,011	FALSE
0,000	0,278	0,000	0,009	0,003	FALSE
-0,012	0,294	0,000	0,014	0,001	FALSE
-0,004	0,280	0,000	0,014	0,006	FALSE
-0,080	0,280	-0,001	0,009	0,058	FALSE
0,104	0,288	0,006	0,013	0,206	TRUE
0,033	0,291	0,000	0,008	0,022	FALSE
0,179	0,297	0,005	0,007	0,330	FALSE
0,058	0,295	0,002	0,009	0,068	FALSE
-0,071	0,275	-0,002	0,010	0,067	FALSE
-0,093	0,282	-0,002	0,008	0,100	FALSE
-0,086	0,292	-0,007	0,014	0,194	FALSE
-0,036	0,292	-0,001	0,009	0,047	FALSE
-0,009	0,306	0,000	0,009	0,006	FALSE
-0,019	0,280	0,000	0,014	0,004	FALSE
-0,023	0,283	0,002	0,013	0,070	FALSE
-0,110	0,286	-0,005	0,014	0,124	FALSE
0,064	0,279	0,005	0,014	0,144	FALSE
0,090	0,285	0,006	0,015	0,171	FALSE
0,050	0,288	0,004	0,014	0,102	FALSE
0,057	0,297	0,004	0,015	0,106	FALSE
-0,092	0,287	-0,005	0,014	0,144	FALSE
-0,027	0,298	-0,002	0,015	0,041	FALSE
-0,040	0,314	-0,001	0,016	0,015	FALSE
0,129	0,279	0,006	0,011	0,238	FALSE
0,063	0,289	0,004	0,014	0,115	FALSE
0,066	0,282	0,000	0,008	0,016	FALSE
0,021	0,293	0,000	0,012	0,001	FALSE
-0,048	0,299	-0,002	0,015	0,055	FALSE
0,030	0,279	-0,001	0,009	0,019	FALSE
-0,061	0,301	0,000	0,009	0,012	FALSE
0,055	0,292	0,001	0,009	0,025	FALSE
0,026	0,297	0,002	0,015	0,045	FALSE
-0,093	0,290	-0,002	0,015	0,047	FALSE
-0,034	0,297	-0,001	0,013	0,038	FALSE
0,011	0,283	0,001	0,013	0,034	FALSE
-0,115	0,275	-0,004	0,009	0,181	FALSE
-0,096	0,272	-0,003	0,008	0,159	FALSE
0,029	0,276	0,002	0,014	0,039	FALSE
0,032	0,278	0,003	0,008	0,136	FALSE
-0,069	0,303	-0,001	0,015	0,017	FALSE
0,039	0,302	0,006	0,016	0,150	FALSE
-0,182	0,288	-0,004	0,009	0,202	FALSE
0,024	0,281	0,005	0,014	0,135	FALSE

-0,031	0,289	0,000	0,007	0,014	FALSE
-0,145	0,280	-0,002	0,011	0,082	FALSE
-0,026	0,289	-0,002	0,009	0,064	FALSE
-0,031	0,286	-0,001	0,009	0,031	FALSE
-0,125	0,293	-0,003	0,008	0,137	FALSE
0,174	0,283	0,009	0,012	0,351	FALSE
-0,192	0,283	-0,006	0,010	0,266	FALSE
-0,061	0,294	-0,003	0,014	0,076	FALSE
0,161	0,275	0,009	0,012	0,341	FALSE
-0,008	0,278	-0,001	0,013	0,014	FALSE
0,166	0,264	0,006	0,015	0,157	FALSE
-0,166	0,284	-0,003	0,008	0,190	FALSE
-0,104	0,290	-0,002	0,008	0,095	FALSE
-0,071	0,300	-0,002	0,015	0,042	FALSE
-0,150	0,278	-0,005	0,013	0,140	FALSE
0,038	0,285	0,001	0,014	0,038	FALSE
-0,089	0,283	-0,002	0,013	0,065	FALSE
0,078	0,285	0,003	0,011	0,087	FALSE
0,119	0,295	0,004	0,015	0,111	FALSE
-0,055	0,286	-0,002	0,014	0,058	FALSE
0,075	0,283	0,002	0,008	0,080	FALSE
-0,025	0,297	0,001	0,009	0,028	FALSE
0,102	0,273	0,002	0,010	0,085	FALSE
0,051	0,290	0,001	0,008	0,048	FALSE
-0,082	0,284	-0,003	0,011	0,107	FALSE
-0,043	0,300	-0,001	0,010	0,044	FALSE
0,195	0,272	0,004	0,007	0,244	FALSE
0,000	0,286	-0,001	0,007	0,066	FALSE
-0,093	0,293	-0,005	0,013	0,164	FALSE
-0,059	0,275	-0,001	0,009	0,032	FALSE
-0,046	0,293	0,000	0,012	0,004	FALSE
0,324	0,271	0,015	0,015	0,496	FALSE
0,030	0,280	0,004	0,009	0,166	FALSE
-0,237	0,278	-0,007	0,008	0,417	FALSE
-0,034	0,285	-0,001	0,013	0,016	FALSE
0,121	0,262	0,004	0,011	0,159	FALSE
-0,003	0,302	-0,001	0,011	0,016	FALSE
-0,074	0,294	-0,002	0,012	0,074	FALSE
-0,015	0,293	-0,003	0,015	0,084	FALSE
-0,141	0,286	-0,004	0,007	0,237	FALSE
-0,018	0,302	0,000	0,013	0,008	FALSE
-0,177	0,286	-0,008	0,014	0,234	FALSE
0,119	0,295	0,002	0,009	0,110	FALSE
-0,049	0,290	-0,003	0,014	0,076	FALSE
-0,014	0,274	0,000	0,009	0,005	FALSE
-0,086	0,279	-0,003	0,010	0,102	FALSE
0,063	0,268	0,001	0,007	0,040	FALSE
-0,057	0,281	-0,002	0,009	0,068	FALSE
0,069	0,293	0,001	0,012	0,047	FALSE
0,163	0,278	0,003	0,008	0,166	FALSE
0,171	0,269	0,004	0,008	0,194	FALSE
-0,224	0,279	-0,006	0,008	0,307	FALSE
0,180	0,279	0,005	0,009	0,258	FALSE

0,040	0,294	0,002	0,007	0,080	FALSE
0,069	0,285	0,002	0,010	0,083	FALSE
-0,075	0,292	-0,001	0,012	0,042	FALSE
0,009	0,290	0,000	0,010	0,001	FALSE
0,023	0,293	-0,001	0,011	0,017	FALSE
-0,002	0,289	0,000	0,008	0,017	FALSE
-0,093	0,288	-0,004	0,015	0,116	FALSE
0,100	0,289	0,003	0,012	0,097	FALSE
0,145	0,277	0,003	0,007	0,174	FALSE
0,068	0,285	0,002	0,008	0,101	FALSE
-0,048	0,283	-0,004	0,012	0,115	FALSE
-0,192	0,289	-0,007	0,011	0,285	FALSE
0,252	0,293	0,010	0,013	0,353	FALSE
-0,115	0,294	-0,005	0,013	0,150	FALSE
-0,013	0,288	-0,002	0,011	0,062	FALSE
-0,115	0,291	-0,003	0,014	0,089	FALSE
0,000	0,279	-0,001	0,007	0,033	FALSE
-0,098	0,278	-0,003	0,013	0,090	FALSE
-0,086	0,284	-0,003	0,011	0,119	FALSE
-0,115	0,276	-0,006	0,013	0,174	FALSE
-0,131	0,270	-0,004	0,008	0,216	FALSE
-0,098	0,281	-0,002	0,008	0,083	FALSE
-0,084	0,293	-0,002	0,015	0,043	FALSE
0,111	0,290	0,003	0,015	0,069	FALSE
0,117	0,296	0,002	0,009	0,097	FALSE
0,005	0,299	0,002	0,011	0,049	FALSE
0,183	0,261	0,005	0,010	0,217	FALSE
0,016	0,288	0,000	0,008	0,018	FALSE
-0,068	0,279	-0,001	0,008	0,044	FALSE
-0,097	0,279	-0,003	0,008	0,154	FALSE
0,049	0,269	0,003	0,014	0,078	FALSE
0,070	0,296	0,003	0,015	0,066	FALSE
0,147	0,282	0,007	0,014	0,222	FALSE
0,033	0,275	0,000	0,009	0,009	FALSE
-0,074	0,272	-0,003	0,008	0,168	FALSE
-0,004	0,274	0,000	0,013	0,002	FALSE
-0,046	0,286	0,001	0,008	0,024	FALSE
-0,117	0,282	-0,003	0,007	0,164	FALSE
0,141	0,280	0,007	0,014	0,221	FALSE
-0,081	0,287	-0,003	0,009	0,114	FALSE
-0,134	0,282	-0,007	0,012	0,237	FALSE
0,016	0,276	0,001	0,009	0,059	FALSE
0,061	0,280	0,002	0,009	0,065	FALSE
-0,047	0,279	-0,004	0,014	0,097	FALSE
-0,089	0,291	-0,002	0,013	0,068	FALSE
0,007	0,281	0,000	0,011	0,009	FALSE
-0,053	0,290	-0,003	0,014	0,070	FALSE
0,119	0,292	0,005	0,011	0,191	FALSE
-0,033	0,289	-0,001	0,008	0,064	FALSE
-0,062	0,292	-0,002	0,010	0,059	FALSE
-0,082	0,289	-0,006	0,014	0,165	FALSE
0,086	0,289	0,003	0,011	0,116	FALSE
-0,071	0,269	-0,002	0,008	0,080	FALSE

0,056	0,289	0,002	0,011	0,072	FALSE
0,064	0,291	0,003	0,012	0,093	FALSE
0,101	0,309	0,004	0,011	0,146	FALSE
0,125	0,277	0,005	0,010	0,192	FALSE
-0,004	0,303	0,000	0,008	0,006	FALSE
0,097	0,284	0,001	0,007	0,053	FALSE
0,107	0,287	0,003	0,010	0,096	FALSE
0,028	0,285	0,000	0,007	0,001	FALSE
-0,193	0,277	-0,007	0,014	0,210	FALSE
-0,021	0,282	-0,006	0,015	0,147	FALSE
-0,200	0,279	-0,008	0,014	0,244	FALSE
0,140	0,271	0,008	0,012	0,303	FALSE
0,003	0,284	-0,002	0,014	0,054	FALSE
-0,047	0,294	-0,002	0,009	0,082	FALSE
-0,113	0,281	-0,004	0,010	0,157	FALSE
-0,029	0,263	0,001	0,011	0,040	FALSE
0,067	0,293	0,003	0,015	0,086	FALSE
-0,232	0,286	-0,008	0,012	0,304	FALSE
0,099	0,288	0,002	0,008	0,113	FALSE
0,057	0,297	0,002	0,013	0,048	FALSE
0,058	0,282	0,002	0,010	0,095	FALSE
0,008	0,295	0,000	0,012	0,006	FALSE
0,077	0,278	0,003	0,014	0,081	FALSE
0,042	0,279	0,001	0,007	0,056	FALSE
-0,033	0,281	-0,001	0,008	0,025	FALSE
-0,031	0,285	-0,001	0,009	0,026	FALSE
0,066	0,296	0,002	0,012	0,080	FALSE
-0,142	0,266	-0,003	0,007	0,156	FALSE
-0,065	0,301	-0,002	0,009	0,076	FALSE
-0,005	0,299	0,000	0,011	0,013	FALSE
-0,054	0,283	-0,001	0,011	0,044	FALSE
0,031	0,282	0,000	0,007	0,001	FALSE
-0,024	0,295	-0,003	0,015	0,071	FALSE
-0,028	0,285	-0,003	0,012	0,097	FALSE
-0,051	0,288	-0,003	0,013	0,075	FALSE
-0,107	0,285	-0,001	0,008	0,034	FALSE
-0,074	0,290	0,000	0,014	0,005	FALSE
0,073	0,279	0,002	0,010	0,067	FALSE
0,051	0,295	0,001	0,008	0,053	FALSE
-0,161	0,291	-0,006	0,012	0,202	FALSE
-0,165	0,279	-0,004	0,012	0,125	FALSE
0,135	0,279	0,002	0,009	0,096	FALSE
0,013	0,298	0,001	0,013	0,029	FALSE
0,168	0,278	0,003	0,007	0,142	FALSE
-0,011	0,293	0,001	0,012	0,016	FALSE
0,080	0,294	0,003	0,011	0,104	FALSE
0,104	0,283	0,005	0,010	0,212	FALSE
0,106	0,285	0,005	0,010	0,194	FALSE
0,109	0,286	0,005	0,010	0,204	FALSE
0,178	0,282	0,007	0,011	0,281	FALSE
-0,020	0,283	-0,003	0,013	0,080	FALSE
0,064	0,306	0,001	0,010	0,047	FALSE
0,101	0,295	0,002	0,009	0,098	FALSE

0,065	0,282	0,004	0,015	0,108	FALSE
-0,019	0,274	0,000	0,015	0,010	FALSE
0,030	0,282	0,000	0,014	0,000	FALSE
0,036	0,280	0,002	0,014	0,055	FALSE
0,257	0,276	0,013	0,015	0,425	FALSE
-0,163	0,277	-0,004	0,008	0,217	FALSE
0,067	0,267	0,004	0,010	0,160	FALSE
-0,238	0,278	-0,010	0,014	0,340	FALSE
-0,256	0,272	-0,011	0,014	0,372	FALSE
0,151	0,292	0,004	0,011	0,161	FALSE
0,008	0,299	-0,001	0,013	0,035	FALSE
0,030	0,289	0,001	0,011	0,035	FALSE
0,117	0,291	0,005	0,014	0,143	FALSE
0,111	0,294	0,005	0,014	0,148	FALSE
0,107	0,292	0,005	0,013	0,135	FALSE
-0,146	0,279	-0,005	0,014	0,129	FALSE
-0,125	0,282	-0,002	0,008	0,104	FALSE
0,017	0,284	0,001	0,009	0,056	FALSE
0,028	0,291	0,001	0,012	0,021	FALSE
0,023	0,275	0,001	0,012	0,015	FALSE
-0,025	0,288	-0,001	0,012	0,043	FALSE
0,001	0,292	0,000	0,011	0,005	FALSE
0,061	0,292	0,003	0,013	0,078	FALSE
0,001	0,291	-0,001	0,014	0,036	FALSE
0,034	0,290	0,002	0,015	0,038	FALSE
0,024	0,296	0,001	0,015	0,015	FALSE
-0,072	0,305	-0,001	0,008	0,038	FALSE
0,190	0,285	0,005	0,008	0,274	FALSE
-0,008	0,274	-0,001	0,007	0,047	FALSE
-0,040	0,284	-0,001	0,008	0,057	FALSE
-0,100	0,287	-0,002	0,009	0,066	FALSE
-0,187	0,268	-0,004	0,007	0,205	FALSE
-0,136	0,279	-0,005	0,012	0,180	FALSE
-0,053	0,294	-0,002	0,010	0,080	FALSE
0,081	0,273	0,002	0,008	0,108	FALSE
-0,140	0,281	-0,004	0,008	0,214	FALSE
0,132	0,266	0,006	0,013	0,171	FALSE
0,054	0,304	-0,001	0,012	0,020	FALSE
0,142	0,280	0,002	0,012	0,067	FALSE
0,029	0,290	0,001	0,008	0,036	FALSE
0,095	0,289	0,003	0,008	0,139	FALSE
0,081	0,290	0,002	0,012	0,064	FALSE
0,141	0,292	0,006	0,014	0,163	FALSE
0,017	0,283	-0,002	0,011	0,059	FALSE
-0,006	0,291	0,000	0,007	0,017	FALSE
0,061	0,294	0,002	0,014	0,057	FALSE
-0,031	0,296	0,000	0,008	0,014	FALSE
0,135	0,297	0,004	0,009	0,181	FALSE
0,152	0,293	0,006	0,010	0,264	FALSE
0,069	0,300	0,001	0,013	0,029	FALSE
0,057	0,284	0,000	0,013	0,006	FALSE
0,054	0,289	0,000	0,016	0,009	FALSE
0,084	0,293	0,005	0,015	0,138	FALSE

0,049	0,282	0,000	0,014	0,009	FALSE
0,084	0,279	0,002	0,014	0,041	FALSE
0,067	0,287	0,002	0,015	0,042	FALSE
0,029	0,285	0,002	0,009	0,066	FALSE
-0,089	0,292	-0,004	0,015	0,095	FALSE
-0,103	0,279	-0,005	0,010	0,199	FALSE
-0,064	0,294	-0,005	0,014	0,140	FALSE
0,060	0,273	0,000	0,008	0,009	FALSE
0,054	0,278	0,000	0,008	0,001	FALSE
0,058	0,302	0,000	0,015	0,008	FALSE
0,037	0,291	0,004	0,013	0,112	FALSE
-0,002	0,287	0,001	0,009	0,045	FALSE
0,009	0,286	0,000	0,008	0,000	FALSE
0,031	0,281	0,000	0,008	0,008	FALSE
-0,050	0,289	-0,002	0,013	0,063	FALSE
0,093	0,287	0,003	0,009	0,116	FALSE
-0,007	0,287	0,000	0,008	0,005	FALSE
-0,036	0,288	-0,002	0,014	0,038	FALSE
-0,072	0,289	-0,004	0,013	0,124	FALSE
-0,004	0,296	0,000	0,010	0,014	FALSE
0,018	0,284	0,000	0,008	0,013	FALSE
-0,001	0,287	0,000	0,010	0,016	FALSE
0,043	0,288	0,003	0,010	0,098	FALSE
0,006	0,278	-0,002	0,008	0,095	FALSE
0,010	0,303	-0,001	0,012	0,024	FALSE
0,103	0,305	0,007	0,015	0,186	FALSE
0,079	0,292	0,002	0,011	0,076	FALSE
0,023	0,287	0,001	0,008	0,063	FALSE
-0,166	0,275	-0,006	0,012	0,212	FALSE
0,041	0,276	0,001	0,011	0,043	FALSE
0,205	0,268	0,010	0,013	0,328	FALSE
0,037	0,265	0,001	0,011	0,038	FALSE
0,199	0,264	0,009	0,013	0,305	FALSE
-0,010	0,285	0,000	0,009	0,013	FALSE
-0,041	0,281	-0,002	0,007	0,082	FALSE
0,114	0,297	0,005	0,012	0,171	FALSE
0,137	0,280	0,002	0,007	0,125	FALSE
-0,209	0,276	-0,008	0,014	0,253	FALSE
0,028	0,286	0,003	0,013	0,076	FALSE
0,158	0,303	0,004	0,009	0,204	FALSE
0,087	0,284	0,002	0,010	0,059	FALSE
-0,175	0,280	-0,008	0,011	0,336	FALSE
-0,048	0,292	0,000	0,008	0,002	FALSE
0,015	0,294	0,001	0,011	0,028	FALSE
-0,003	0,287	-0,001	0,013	0,043	FALSE
-0,003	0,277	-0,001	0,008	0,050	FALSE
-0,024	0,285	0,000	0,012	0,008	FALSE
0,073	0,279	0,002	0,010	0,065	FALSE
-0,030	0,280	-0,002	0,011	0,085	FALSE
0,008	0,282	-0,001	0,007	0,035	FALSE
0,020	0,294	0,000	0,008	0,013	FALSE
0,072	0,288	0,001	0,013	0,015	FALSE
-0,136	0,284	-0,003	0,007	0,163	FALSE

0,353	0,244	0,011	0,012	0,420	FALSE
0,319	0,267	0,010	0,013	0,343	FALSE
0,174	0,279	0,005	0,010	0,215	FALSE
-0,190	0,267	-0,005	0,012	0,185	FALSE
0,100	0,282	0,003	0,008	0,131	FALSE
0,046	0,295	0,001	0,010	0,024	FALSE
-0,055	0,302	-0,003	0,015	0,064	FALSE
-0,086	0,279	-0,003	0,009	0,110	FALSE
-0,076	0,288	-0,004	0,015	0,105	FALSE
0,017	0,299	0,001	0,008	0,056	FALSE
0,008	0,278	0,001	0,013	0,021	FALSE
-0,036	0,278	0,000	0,014	0,012	FALSE
-0,087	0,287	-0,004	0,010	0,178	FALSE
-0,109	0,279	-0,003	0,010	0,116	FALSE
0,085	0,282	0,001	0,009	0,043	FALSE
0,096	0,289	0,003	0,015	0,064	FALSE
0,014	0,290	0,000	0,012	0,002	FALSE
-0,135	0,290	-0,006	0,011	0,221	FALSE
-0,066	0,272	-0,001	0,013	0,017	FALSE
-0,126	0,273	-0,004	0,013	0,116	FALSE
0,082	0,280	0,002	0,009	0,081	FALSE
-0,012	0,296	0,001	0,007	0,049	FALSE
0,137	0,294	0,006	0,011	0,214	FALSE
-0,082	0,284	-0,004	0,014	0,103	FALSE
0,103	0,291	0,004	0,009	0,177	FALSE
-0,119	0,289	-0,003	0,010	0,128	FALSE
-0,039	0,288	-0,001	0,010	0,030	FALSE
0,038	0,284	0,001	0,009	0,041	FALSE
0,034	0,298	0,001	0,011	0,033	FALSE
0,013	0,294	0,001	0,008	0,040	FALSE
-0,128	0,279	-0,003	0,013	0,094	FALSE
-0,028	0,301	-0,003	0,013	0,080	FALSE
0,003	0,293	-0,001	0,010	0,035	FALSE
0,002	0,276	-0,001	0,010	0,033	FALSE
0,170	0,290	0,004	0,009	0,165	FALSE
0,030	0,290	0,002	0,008	0,077	FALSE
0,166	0,272	0,004	0,009	0,189	FALSE
0,055	0,278	0,001	0,011	0,019	FALSE
-0,122	0,277	-0,005	0,013	0,143	FALSE
0,125	0,273	0,003	0,009	0,114	FALSE
-0,065	0,287	-0,003	0,014	0,075	FALSE
-0,080	0,288	-0,002	0,008	0,097	FALSE
-0,097	0,283	-0,003	0,008	0,160	FALSE
-0,034	0,287	0,000	0,010	0,004	FALSE
0,250	0,262	0,004	0,007	0,237	FALSE
-0,046	0,287	0,000	0,014	0,001	FALSE
0,119	0,292	0,003	0,012	0,094	FALSE
-0,047	0,271	-0,002	0,007	0,077	FALSE
-0,082	0,277	-0,002	0,014	0,045	FALSE
0,062	0,279	0,001	0,007	0,043	FALSE
0,078	0,264	0,001	0,007	0,041	FALSE
-0,088	0,291	-0,001	0,007	0,065	FALSE
-0,050	0,289	0,000	0,008	0,022	FALSE

-0,144	0,287	-0,004	0,008	0,206	FALSE
-0,101	0,293	-0,001	0,009	0,052	FALSE
0,135	0,283	0,004	0,007	0,271	FALSE
0,138	0,288	0,004	0,011	0,135	FALSE
0,050	0,274	0,001	0,012	0,031	FALSE
-0,014	0,284	0,000	0,007	0,019	FALSE
-0,037	0,291	-0,001	0,015	0,033	FALSE
0,002	0,298	0,001	0,014	0,021	FALSE
0,015	0,297	0,000	0,008	0,007	FALSE
0,009	0,296	0,000	0,015	0,004	FALSE
0,027	0,275	0,000	0,008	0,008	FALSE
-0,120	0,286	-0,003	0,007	0,160	FALSE
-0,081	0,285	-0,001	0,007	0,048	FALSE
0,064	0,295	0,004	0,015	0,091	FALSE
-0,072	0,285	-0,003	0,015	0,071	FALSE
0,002	0,293	0,001	0,007	0,029	FALSE
-0,004	0,274	-0,001	0,007	0,042	FALSE
0,130	0,273	0,002	0,008	0,086	FALSE
-0,166	0,276	-0,006	0,011	0,222	FALSE
-0,004	0,289	0,000	0,007	0,023	FALSE
-0,085	0,276	-0,002	0,013	0,065	FALSE
0,051	0,283	0,002	0,012	0,063	FALSE
0,163	0,275	0,008	0,014	0,245	FALSE
0,053	0,292	0,002	0,010	0,077	FALSE
-0,002	0,282	0,000	0,010	0,009	FALSE
-0,032	0,285	-0,001	0,007	0,046	FALSE
-0,100	0,290	-0,003	0,009	0,125	FALSE
0,107	0,275	0,001	0,009	0,031	FALSE
-0,172	0,280	-0,004	0,009	0,181	FALSE
-0,080	0,294	-0,001	0,010	0,045	FALSE
-0,046	0,292	-0,001	0,010	0,052	FALSE
-0,022	0,280	0,000	0,011	0,005	FALSE
0,189	0,281	0,008	0,014	0,249	FALSE
0,024	0,288	-0,001	0,009	0,038	FALSE
0,089	0,293	0,007	0,013	0,234	FALSE
0,006	0,293	-0,002	0,015	0,044	FALSE
0,061	0,294	0,001	0,008	0,040	FALSE
0,007	0,279	0,004	0,013	0,112	FALSE
0,051	0,286	0,001	0,008	0,045	FALSE
0,193	0,284	0,009	0,014	0,312	FALSE
-0,061	0,287	-0,003	0,014	0,090	FALSE
-0,181	0,290	-0,009	0,015	0,258	FALSE
-0,048	0,293	-0,003	0,010	0,099	FALSE
0,010	0,291	0,001	0,012	0,015	FALSE
-0,054	0,286	-0,002	0,009	0,064	FALSE
-0,032	0,285	-0,001	0,013	0,039	FALSE
0,051	0,293	0,001	0,008	0,050	FALSE
0,038	0,295	0,001	0,008	0,036	FALSE
0,004	0,283	-0,001	0,009	0,045	FALSE
-0,164	0,284	-0,005	0,015	0,136	FALSE
0,005	0,280	0,000	0,010	0,012	FALSE
-0,017	0,275	-0,001	0,012	0,039	FALSE
0,109	0,285	0,003	0,009	0,122	FALSE

0,164	0,286	0,007	0,013	0,219	FALSE
0,020	0,272	-0,001	0,008	0,048	FALSE
-0,018	0,293	-0,002	0,010	0,059	FALSE
-0,007	0,292	-0,001	0,011	0,043	FALSE
-0,132	0,289	-0,007	0,013	0,207	FALSE
0,150	0,285	0,003	0,009	0,126	FALSE
-0,150	0,278	-0,009	0,015	0,244	FALSE
0,031	0,288	0,001	0,009	0,022	FALSE
0,004	0,281	0,000	0,012	0,008	FALSE
0,101	0,287	0,003	0,012	0,084	FALSE
0,007	0,276	0,000	0,008	0,015	FALSE
-0,040	0,274	0,001	0,010	0,037	FALSE
-0,085	0,288	-0,002	0,009	0,076	FALSE
-0,196	0,276	-0,007	0,013	0,226	FALSE
-0,101	0,289	-0,004	0,010	0,139	FALSE
-0,090	0,296	-0,003	0,010	0,112	FALSE
-0,131	0,295	-0,003	0,008	0,169	FALSE
0,015	0,282	0,002	0,008	0,081	FALSE
0,034	0,280	0,001	0,008	0,062	FALSE
-0,092	0,280	-0,006	0,012	0,184	FALSE
-0,074	0,277	-0,004	0,012	0,146	FALSE
-0,114	0,285	-0,006	0,012	0,201	FALSE
-0,173	0,272	-0,007	0,012	0,252	FALSE
-0,176	0,275	-0,007	0,011	0,275	FALSE
-0,029	0,283	-0,002	0,012	0,046	FALSE
-0,051	0,285	-0,001	0,011	0,030	FALSE
0,069	0,293	0,002	0,011	0,084	FALSE
-0,094	0,294	-0,003	0,013	0,091	FALSE
0,004	0,286	0,000	0,008	0,013	FALSE
-0,078	0,296	-0,003	0,008	0,144	FALSE
-0,074	0,281	-0,003	0,007	0,141	FALSE
-0,043	0,282	-0,002	0,007	0,134	FALSE
0,172	0,278	0,006	0,014	0,185	FALSE
-0,028	0,286	0,000	0,010	0,005	FALSE
-0,015	0,290	0,001	0,011	0,026	FALSE
-0,169	0,277	-0,004	0,009	0,192	FALSE
-0,114	0,296	-0,004	0,014	0,123	FALSE
-0,055	0,279	-0,002	0,012	0,058	FALSE
0,059	0,275	0,002	0,008	0,123	FALSE
-0,171	0,283	-0,006	0,013	0,192	FALSE
-0,163	0,287	-0,005	0,013	0,171	FALSE
0,109	0,275	0,004	0,015	0,107	FALSE
0,088	0,296	0,003	0,009	0,126	FALSE
-0,168	0,272	-0,007	0,012	0,244	FALSE
0,140	0,285	0,005	0,008	0,236	FALSE
0,117	0,285	0,004	0,009	0,188	FALSE
0,061	0,293	0,003	0,009	0,131	FALSE
0,006	0,294	0,000	0,009	0,013	FALSE
0,003	0,297	0,001	0,010	0,026	FALSE
-0,030	0,295	-0,002	0,015	0,047	FALSE
-0,145	0,293	-0,003	0,008	0,150	FALSE
-0,091	0,284	-0,003	0,012	0,084	FALSE
-0,065	0,293	-0,001	0,012	0,038	FALSE

0,013	0,289	0,003	0,012	0,111	FALSE
0,081	0,290	0,005	0,010	0,199	FALSE
0,107	0,283	0,003	0,007	0,134	FALSE
0,156	0,287	0,007	0,014	0,218	FALSE
0,104	0,290	0,005	0,010	0,216	FALSE
0,023	0,278	-0,001	0,008	0,064	FALSE
-0,203	0,255	-0,007	0,010	0,327	FALSE
0,139	0,278	0,003	0,007	0,142	FALSE
-0,048	0,290	-0,002	0,008	0,083	FALSE
-0,021	0,290	-0,001	0,008	0,057	FALSE
-0,009	0,278	0,000	0,008	0,015	FALSE
-0,096	0,274	-0,003	0,009	0,148	FALSE
-0,136	0,282	-0,004	0,009	0,188	FALSE
-0,178	0,282	-0,006	0,010	0,273	FALSE
-0,139	0,289	-0,005	0,010	0,217	FALSE
-0,300	0,278	-0,015	0,014	0,529	FALSE
-0,018	0,295	-0,001	0,008	0,043	FALSE
0,038	0,260	0,001	0,009	0,021	FALSE
0,178	0,274	0,010	0,014	0,319	FALSE
0,088	0,275	0,002	0,008	0,116	FALSE
-0,218	0,285	-0,007	0,011	0,296	FALSE
0,025	0,292	0,001	0,014	0,023	FALSE
-0,146	0,301	-0,005	0,011	0,179	FALSE
0,056	0,286	0,002	0,013	0,050	FALSE
-0,025	0,262	-0,002	0,007	0,078	FALSE
0,037	0,269	-0,001	0,012	0,039	FALSE
0,010	0,283	0,001	0,008	0,037	FALSE
0,060	0,294	0,003	0,013	0,092	FALSE
-0,106	0,280	-0,002	0,008	0,103	FALSE
-0,117	0,283	-0,004	0,011	0,131	FALSE
-0,038	0,273	-0,001	0,011	0,023	FALSE
0,030	0,286	-0,001	0,014	0,034	FALSE
-0,098	0,290	-0,003	0,008	0,163	FALSE
0,103	0,285	0,004	0,015	0,100	FALSE
-0,009	0,282	-0,001	0,009	0,023	FALSE
0,064	0,282	0,000	0,010	0,003	FALSE
-0,143	0,277	-0,002	0,008	0,121	FALSE
0,085	0,285	0,001	0,010	0,038	FALSE
-0,005	0,283	-0,001	0,014	0,021	FALSE
-0,129	0,286	-0,004	0,012	0,145	FALSE
-0,059	0,290	-0,002	0,009	0,064	FALSE
-0,015	0,273	-0,001	0,010	0,046	FALSE
-0,070	0,279	-0,004	0,013	0,136	FALSE
-0,032	0,287	-0,002	0,011	0,073	FALSE
-0,013	0,276	-0,001	0,010	0,042	FALSE
-0,110	0,275	-0,007	0,014	0,209	FALSE
0,130	0,300	0,004	0,015	0,114	FALSE
-0,067	0,283	-0,001	0,008	0,057	FALSE
-0,057	0,285	-0,001	0,008	0,051	FALSE
-0,040	0,283	0,001	0,014	0,015	FALSE
0,090	0,287	0,003	0,010	0,105	FALSE
-0,054	0,289	0,001	0,011	0,018	FALSE
0,114	0,293	0,002	0,008	0,093	FALSE

0,012	0,271	-0,001	0,012	0,018	FALSE
0,147	0,292	0,004	0,012	0,144	FALSE
0,111	0,270	0,006	0,013	0,191	FALSE
0,027	0,296	-0,001	0,015	0,025	FALSE
0,057	0,258	0,002	0,013	0,052	FALSE
0,127	0,266	0,004	0,011	0,143	FALSE
0,118	0,275	0,003	0,012	0,114	FALSE
0,133	0,279	0,005	0,012	0,147	FALSE
0,135	0,279	0,005	0,012	0,154	FALSE
-0,160	0,276	-0,006	0,012	0,187	FALSE
-0,080	0,288	-0,003	0,015	0,078	FALSE
0,012	0,290	0,001	0,008	0,026	FALSE
0,093	0,300	0,003	0,008	0,141	FALSE
-0,024	0,270	-0,001	0,012	0,045	FALSE
0,050	0,298	0,002	0,009	0,068	FALSE
0,129	0,285	0,003	0,009	0,152	FALSE
0,285	0,284	0,010	0,012	0,415	FALSE
-0,010	0,277	0,000	0,012	0,006	FALSE
-0,105	0,284	-0,004	0,014	0,112	FALSE
-0,001	0,294	0,001	0,008	0,052	FALSE
0,099	0,271	0,004	0,010	0,172	FALSE
-0,024	0,288	0,000	0,008	0,014	FALSE
-0,046	0,281	-0,001	0,008	0,034	FALSE
-0,157	0,271	-0,007	0,011	0,256	FALSE
0,187	0,292	0,004	0,008	0,202	FALSE
-0,045	0,283	-0,001	0,013	0,027	FALSE
0,044	0,274	-0,001	0,013	0,016	FALSE
0,037	0,291	0,001	0,015	0,018	FALSE
0,169	0,287	0,007	0,012	0,259	FALSE
0,089	0,289	0,003	0,011	0,123	FALSE
-0,057	0,286	-0,004	0,014	0,099	FALSE
-0,070	0,282	-0,004	0,014	0,096	FALSE
-0,047	0,285	-0,002	0,014	0,054	FALSE
-0,025	0,280	-0,002	0,010	0,078	FALSE
-0,012	0,276	-0,002	0,009	0,078	FALSE
-0,050	0,285	-0,001	0,012	0,030	FALSE
0,131	0,290	0,005	0,011	0,167	FALSE
0,115	0,284	0,003	0,010	0,120	FALSE
0,096	0,286	0,002	0,009	0,070	FALSE
0,025	0,282	0,000	0,015	0,009	FALSE
-0,085	0,292	-0,004	0,010	0,133	FALSE
-0,063	0,293	-0,003	0,014	0,083	FALSE
0,002	0,287	-0,002	0,010	0,068	FALSE
-0,050	0,297	-0,001	0,008	0,028	FALSE
-0,147	0,291	-0,006	0,011	0,213	FALSE
0,101	0,288	0,003	0,009	0,153	FALSE
0,164	0,281	0,004	0,011	0,152	FALSE
0,030	0,294	0,000	0,008	0,007	FALSE
0,027	0,290	-0,001	0,011	0,026	FALSE
0,177	0,275	0,007	0,010	0,307	FALSE
-0,074	0,282	-0,001	0,008	0,060	FALSE
0,088	0,293	0,003	0,009	0,150	FALSE
0,023	0,282	0,003	0,011	0,115	FALSE

0,208	0,289	0,006	0,010	0,268	FALSE
-0,107	0,288	-0,004	0,011	0,145	FALSE
0,064	0,285	0,003	0,014	0,069	FALSE
-0,023	0,278	0,000	0,009	0,003	FALSE
0,048	0,280	0,003	0,013	0,081	FALSE
0,024	0,296	0,003	0,015	0,063	FALSE
0,182	0,291	0,004	0,009	0,209	FALSE
-0,033	0,276	0,000	0,009	0,016	FALSE
-0,079	0,295	-0,005	0,015	0,125	FALSE
0,011	0,302	0,003	0,015	0,074	FALSE
0,072	0,294	0,001	0,010	0,040	FALSE
-0,079	0,293	-0,002	0,013	0,061	FALSE
-0,221	0,282	-0,012	0,015	0,386	FALSE
0,077	0,287	0,003	0,014	0,069	FALSE
0,155	0,298	0,008	0,016	0,228	FALSE
0,044	0,289	0,002	0,013	0,057	FALSE
-0,044	0,289	-0,001	0,010	0,021	FALSE
0,112	0,288	0,005	0,012	0,152	FALSE
-0,102	0,288	-0,003	0,015	0,081	FALSE
-0,054	0,280	-0,003	0,010	0,094	FALSE
-0,077	0,289	-0,002	0,011	0,071	FALSE
-0,070	0,282	-0,002	0,010	0,078	FALSE
-0,028	0,308	-0,001	0,009	0,038	FALSE
-0,024	0,303	-0,002	0,013	0,049	FALSE
-0,119	0,295	-0,005	0,014	0,132	FALSE
-0,027	0,287	-0,001	0,012	0,030	FALSE
-0,121	0,283	-0,004	0,012	0,139	FALSE
-0,023	0,289	-0,001	0,014	0,013	FALSE
-0,010	0,288	0,000	0,015	0,004	FALSE
-0,009	0,301	0,000	0,015	0,000	FALSE
-0,037	0,300	-0,001	0,015	0,036	FALSE
0,168	0,291	0,005	0,008	0,251	FALSE
0,006	0,292	0,001	0,015	0,023	FALSE
-0,067	0,276	-0,001	0,008	0,029	FALSE
0,075	0,294	0,003	0,015	0,073	FALSE
0,073	0,282	0,001	0,012	0,029	FALSE
-0,088	0,282	-0,005	0,014	0,130	FALSE
0,059	0,284	0,002	0,013	0,045	FALSE
0,072	0,278	0,003	0,014	0,066	FALSE
0,001	0,265	0,002	0,011	0,066	FALSE
0,035	0,283	0,002	0,010	0,067	FALSE
-0,212	0,279	-0,005	0,009	0,246	FALSE
0,201	0,272	0,008	0,014	0,227	FALSE
-0,074	0,286	-0,002	0,008	0,078	FALSE
-0,116	0,288	-0,005	0,013	0,156	FALSE
0,028	0,294	0,001	0,008	0,059	FALSE
0,220	0,282	0,006	0,011	0,215	FALSE
0,027	0,284	0,002	0,011	0,055	FALSE
0,088	0,303	0,004	0,008	0,236	FALSE
0,094	0,300	0,004	0,007	0,232	FALSE
-0,048	0,292	0,000	0,009	0,018	FALSE
-0,084	0,299	-0,001	0,009	0,037	FALSE
-0,168	0,276	-0,004	0,008	0,194	FALSE

-0,027	0,287	0,001	0,007	0,027	FALSE
-0,097	0,294	-0,002	0,009	0,093	FALSE
-0,117	0,279	-0,005	0,012	0,169	FALSE
-0,071	0,282	-0,005	0,014	0,128	FALSE
0,080	0,296	0,003	0,015	0,073	FALSE
-0,007	0,296	-0,002	0,015	0,047	FALSE
0,027	0,303	0,000	0,012	0,012	FALSE
0,078	0,288	0,002	0,008	0,097	FALSE
-0,063	0,280	0,001	0,012	0,031	FALSE
0,050	0,287	0,002	0,011	0,073	FALSE
-0,005	0,283	0,003	0,012	0,091	FALSE
0,086	0,292	0,003	0,014	0,094	FALSE
0,178	0,284	0,008	0,015	0,218	FALSE
0,206	0,279	0,007	0,012	0,254	FALSE
0,167	0,288	0,003	0,008	0,151	FALSE
0,039	0,277	0,001	0,009	0,034	FALSE
0,068	0,284	0,005	0,015	0,142	FALSE
0,136	0,288	0,008	0,015	0,225	FALSE
-0,049	0,286	-0,001	0,008	0,036	FALSE
0,151	0,279	0,003	0,009	0,115	FALSE
-0,178	0,283	-0,007	0,014	0,202	FALSE
-0,048	0,309	-0,002	0,011	0,060	FALSE
0,022	0,296	0,002	0,011	0,056	FALSE
0,149	0,274	0,007	0,012	0,228	FALSE
0,113	0,287	0,002	0,009	0,110	FALSE
-0,043	0,275	-0,001	0,007	0,066	FALSE
-0,068	0,277	-0,003	0,014	0,084	FALSE
-0,051	0,294	-0,002	0,015	0,036	FALSE
0,196	0,271	0,008	0,015	0,225	FALSE
-0,050	0,276	0,000	0,013	0,005	FALSE
-0,089	0,271	-0,001	0,014	0,027	FALSE
-0,069	0,287	0,001	0,014	0,015	FALSE
-0,060	0,275	0,000	0,009	0,007	FALSE
-0,070	0,288	0,000	0,014	0,006	FALSE
0,237	0,281	0,010	0,013	0,357	FALSE
0,021	0,290	0,001	0,010	0,047	FALSE
0,029	0,280	0,001	0,010	0,051	FALSE
-0,051	0,290	-0,002	0,013	0,065	FALSE
0,065	0,301	0,002	0,012	0,055	FALSE
0,004	0,283	0,001	0,011	0,028	FALSE
0,028	0,287	0,002	0,009	0,080	FALSE
0,054	0,297	0,000	0,008	0,017	FALSE
0,161	0,277	0,006	0,009	0,320	FALSE
0,079	0,305	0,002	0,014	0,060	FALSE
0,091	0,287	0,003	0,013	0,073	FALSE
0,052	0,280	0,002	0,013	0,061	FALSE
0,115	0,286	0,003	0,011	0,119	FALSE
-0,130	0,293	-0,003	0,008	0,147	FALSE
0,048	0,289	0,002	0,015	0,049	FALSE
0,110	0,279	0,002	0,010	0,073	FALSE
-0,001	0,298	0,001	0,012	0,020	FALSE
0,008	0,287	0,000	0,013	0,003	FALSE
-0,048	0,298	-0,002	0,009	0,063	FALSE

-0,047	0,295	-0,002	0,014	0,046	FALSE
0,091	0,292	0,004	0,014	0,117	FALSE
0,042	0,284	0,000	0,015	0,003	FALSE
-0,039	0,275	-0,005	0,014	0,140	FALSE
0,041	0,289	0,001	0,010	0,045	FALSE
-0,204	0,275	-0,010	0,015	0,303	FALSE
0,076	0,283	0,002	0,010	0,086	FALSE
0,167	0,285	0,007	0,014	0,215	FALSE
-0,122	0,284	-0,003	0,010	0,105	FALSE
-0,063	0,285	-0,005	0,015	0,140	FALSE
0,057	0,283	0,002	0,008	0,085	FALSE
0,134	0,295	0,003	0,008	0,148	FALSE
-0,031	0,282	-0,005	0,013	0,144	FALSE
-0,131	0,278	-0,002	0,007	0,134	FALSE
-0,128	0,281	-0,002	0,008	0,116	FALSE
0,002	0,294	0,000	0,009	0,012	FALSE
0,084	0,286	0,005	0,013	0,138	FALSE
-0,073	0,289	-0,003	0,011	0,108	FALSE
-0,004	0,292	-0,001	0,015	0,033	FALSE
-0,198	0,280	-0,007	0,012	0,239	FALSE
-0,133	0,293	-0,002	0,008	0,097	FALSE
-0,124	0,290	-0,004	0,012	0,134	FALSE
0,017	0,294	0,002	0,014	0,060	FALSE
-0,130	0,272	-0,005	0,013	0,161	FALSE
0,038	0,292	0,001	0,011	0,030	FALSE
0,063	0,297	0,003	0,011	0,103	FALSE
-0,075	0,272	-0,001	0,014	0,037	FALSE
-0,191	0,290	-0,007	0,012	0,237	FALSE
-0,010	0,291	-0,001	0,008	0,046	FALSE
0,052	0,273	0,000	0,014	0,006	FALSE
0,025	0,296	0,002	0,009	0,078	FALSE
0,152	0,287	0,006	0,014	0,160	FALSE
-0,077	0,288	-0,003	0,012	0,096	FALSE
-0,130	0,294	-0,005	0,015	0,134	FALSE
-0,004	0,288	0,000	0,012	0,002	FALSE
-0,098	0,300	-0,001	0,008	0,071	FALSE
-0,057	0,280	-0,004	0,010	0,164	FALSE
0,175	0,281	0,004	0,008	0,218	FALSE
0,201	0,296	0,006	0,008	0,325	FALSE
-0,107	0,292	-0,002	0,008	0,091	FALSE
0,042	0,298	0,002	0,009	0,096	FALSE
0,167	0,283	0,007	0,015	0,188	FALSE
-0,128	0,284	-0,003	0,010	0,126	FALSE
0,047	0,295	0,002	0,011	0,069	FALSE
0,021	0,296	0,000	0,008	0,020	FALSE
-0,160	0,293	-0,007	0,011	0,276	FALSE
-0,017	0,292	-0,001	0,009	0,054	FALSE
0,113	0,273	0,004	0,009	0,170	FALSE
-0,066	0,287	-0,003	0,011	0,117	FALSE
0,072	0,285	0,004	0,011	0,141	FALSE
0,121	0,284	0,003	0,007	0,155	FALSE
0,045	0,278	0,002	0,011	0,061	FALSE
-0,151	0,282	-0,005	0,008	0,250	FALSE

-0,022	0,282	-0,002	0,012	0,052	FALSE
-0,049	0,284	-0,001	0,012	0,029	FALSE
0,116	0,283	0,002	0,007	0,120	FALSE
0,097	0,289	0,004	0,013	0,112	FALSE
0,171	0,272	0,005	0,011	0,197	FALSE
0,003	0,285	0,000	0,009	0,004	FALSE
-0,095	0,278	-0,004	0,010	0,180	FALSE
0,102	0,284	0,002	0,008	0,090	FALSE
0,183	0,289	0,004	0,010	0,176	FALSE
-0,094	0,281	-0,003	0,009	0,144	FALSE
-0,175	0,282	-0,004	0,008	0,240	FALSE
0,140	0,283	0,003	0,010	0,118	FALSE
-0,016	0,288	0,000	0,009	0,018	FALSE
0,153	0,268	0,005	0,014	0,151	FALSE
-0,094	0,290	-0,002	0,013	0,061	FALSE
-0,031	0,284	-0,001	0,010	0,040	FALSE
-0,256	0,265	-0,007	0,008	0,429	FALSE
0,145	0,287	0,004	0,008	0,209	FALSE
-0,001	0,289	0,000	0,009	0,000	FALSE
0,044	0,281	0,002	0,014	0,043	FALSE
-0,169	0,268	-0,005	0,007	0,317	FALSE
0,021	0,286	-0,001	0,015	0,018	FALSE
-0,033	0,297	0,000	0,009	0,003	FALSE
-0,051	0,287	0,000	0,009	0,010	FALSE
-0,078	0,286	-0,002	0,010	0,087	FALSE
-0,026	0,286	-0,003	0,011	0,095	FALSE
-0,072	0,284	-0,002	0,008	0,087	FALSE
-0,007	0,290	0,001	0,009	0,025	FALSE
0,120	0,285	0,002	0,008	0,101	FALSE
0,025	0,294	0,002	0,012	0,058	FALSE
-0,090	0,292	-0,003	0,015	0,062	FALSE
0,002	0,287	0,000	0,011	0,015	FALSE
0,201	0,283	0,008	0,015	0,230	FALSE
-0,041	0,278	-0,001	0,010	0,051	FALSE
-0,030	0,286	0,001	0,009	0,033	FALSE
-0,005	0,291	0,001	0,010	0,037	FALSE
-0,207	0,280	-0,004	0,007	0,256	FALSE
-0,130	0,284	-0,006	0,012	0,207	FALSE
-0,168	0,283	-0,007	0,015	0,186	FALSE
-0,004	0,292	0,000	0,011	0,015	FALSE
0,079	0,266	0,004	0,012	0,143	FALSE
0,139	0,280	0,006	0,014	0,192	FALSE
-0,057	0,287	-0,002	0,013	0,049	FALSE
0,070	0,282	0,003	0,014	0,067	FALSE
0,116	0,282	0,006	0,014	0,166	FALSE
-0,043	0,279	-0,002	0,008	0,089	FALSE
-0,047	0,286	-0,002	0,010	0,093	FALSE
0,070	0,287	0,002	0,008	0,073	FALSE
-0,079	0,292	-0,005	0,014	0,153	FALSE
0,029	0,287	-0,001	0,014	0,022	FALSE
-0,150	0,287	-0,003	0,007	0,189	FALSE
-0,092	0,289	-0,003	0,011	0,118	FALSE
0,143	0,287	0,009	0,015	0,250	FALSE

0,058	0,279	0,001	0,009	0,059	FALSE
0,122	0,264	0,004	0,013	0,127	FALSE
0,216	0,294	0,006	0,009	0,303	FALSE
0,097	0,284	0,003	0,009	0,155	FALSE
-0,089	0,277	-0,005	0,014	0,140	FALSE
0,037	0,289	0,004	0,009	0,193	FALSE
0,005	0,289	0,001	0,008	0,029	FALSE
-0,128	0,273	-0,005	0,010	0,202	FALSE
-0,147	0,285	-0,003	0,008	0,154	FALSE
0,018	0,305	0,000	0,013	0,008	FALSE
-0,075	0,294	-0,003	0,009	0,144	FALSE
0,010	0,290	0,001	0,008	0,059	FALSE
-0,076	0,285	-0,001	0,007	0,069	FALSE
-0,035	0,287	-0,002	0,009	0,071	FALSE
-0,028	0,288	-0,001	0,008	0,031	FALSE
0,023	0,286	0,000	0,008	0,014	FALSE
-0,028	0,288	-0,001	0,013	0,038	FALSE
0,117	0,287	0,003	0,013	0,082	FALSE
0,002	0,288	0,000	0,008	0,010	FALSE
-0,043	0,279	-0,001	0,014	0,019	FALSE
-0,095	0,285	-0,002	0,009	0,099	FALSE
0,088	0,292	0,005	0,013	0,174	FALSE
-0,026	0,288	-0,001	0,011	0,038	FALSE
-0,139	0,274	-0,007	0,013	0,237	FALSE
0,098	0,287	0,002	0,009	0,083	FALSE
0,020	0,272	0,000	0,011	0,004	FALSE
0,061	0,277	0,001	0,009	0,040	FALSE
-0,050	0,289	-0,003	0,014	0,072	FALSE
-0,021	0,279	-0,001	0,013	0,034	FALSE
-0,080	0,285	-0,002	0,011	0,080	FALSE
0,211	0,276	0,006	0,012	0,196	FALSE
0,021	0,287	0,003	0,014	0,089	FALSE
0,193	0,269	0,004	0,010	0,171	FALSE
0,074	0,296	0,001	0,007	0,060	FALSE
0,017	0,269	0,001	0,008	0,053	FALSE
-0,101	0,272	-0,005	0,011	0,178	FALSE
0,087	0,272	0,002	0,009	0,101	FALSE
0,094	0,286	0,004	0,010	0,150	FALSE
-0,092	0,277	-0,006	0,011	0,213	FALSE
0,011	0,291	0,000	0,008	0,017	FALSE
0,025	0,287	-0,001	0,010	0,018	FALSE
-0,063	0,296	-0,001	0,015	0,036	FALSE
0,182	0,289	0,005	0,010	0,234	TRUE
0,013	0,273	0,000	0,014	0,011	FALSE
0,088	0,293	0,002	0,008	0,105	FALSE
0,003	0,281	0,001	0,014	0,018	FALSE
0,184	0,269	0,003	0,007	0,165	FALSE
-0,053	0,295	-0,001	0,014	0,016	FALSE
-0,167	0,281	-0,003	0,008	0,170	FALSE
-0,117	0,282	-0,005	0,012	0,155	FALSE
-0,071	0,278	-0,003	0,009	0,165	FALSE
-0,121	0,301	-0,002	0,008	0,104	FALSE
0,058	0,269	0,002	0,008	0,076	FALSE

-0,004	0,289	0,001	0,009	0,053	FALSE
0,082	0,282	0,002	0,009	0,081	FALSE
-0,159	0,291	-0,003	0,008	0,177	FALSE
0,101	0,289	0,003	0,009	0,122	FALSE
-0,079	0,301	-0,003	0,012	0,097	FALSE
-0,073	0,290	-0,004	0,014	0,106	FALSE
-0,020	0,297	0,000	0,014	0,010	FALSE
0,012	0,296	0,002	0,014	0,059	FALSE
0,071	0,287	0,001	0,014	0,024	FALSE
0,098	0,290	0,003	0,008	0,151	FALSE
-0,145	0,282	-0,004	0,010	0,158	FALSE
0,146	0,281	0,002	0,009	0,084	FALSE
-0,008	0,285	-0,001	0,010	0,026	FALSE
0,067	0,284	0,002	0,007	0,137	FALSE
-0,105	0,277	-0,003	0,008	0,166	FALSE
-0,126	0,284	-0,003	0,008	0,140	FALSE
0,159	0,298	0,005	0,009	0,236	FALSE
0,121	0,292	0,004	0,014	0,120	FALSE
-0,116	0,270	-0,005	0,013	0,154	FALSE
-0,034	0,276	0,001	0,011	0,031	FALSE
0,164	0,270	0,003	0,008	0,169	FALSE
0,046	0,285	-0,001	0,008	0,060	FALSE
-0,008	0,286	0,004	0,014	0,101	FALSE
0,074	0,282	0,006	0,014	0,162	FALSE
-0,068	0,285	-0,003	0,007	0,145	FALSE
-0,053	0,290	-0,003	0,016	0,079	FALSE
0,064	0,283	0,000	0,012	0,008	FALSE
-0,022	0,295	-0,001	0,014	0,026	FALSE
0,107	0,284	0,005	0,009	0,245	FALSE
0,030	0,262	-0,003	0,011	0,111	FALSE
0,040	0,269	-0,003	0,012	0,100	FALSE
0,046	0,272	-0,001	0,012	0,042	FALSE
0,224	0,291	0,006	0,010	0,281	FALSE
-0,021	0,279	0,000	0,010	0,004	FALSE
-0,135	0,288	-0,005	0,011	0,193	FALSE
0,140	0,292	0,007	0,011	0,248	FALSE
0,162	0,290	0,007	0,011	0,260	FALSE
-0,035	0,293	0,000	0,012	0,004	FALSE
0,047	0,275	-0,001	0,010	0,023	FALSE
0,106	0,282	0,002	0,007	0,133	FALSE
0,051	0,294	0,001	0,007	0,050	FALSE
-0,030	0,292	-0,004	0,014	0,104	FALSE
-0,025	0,293	0,000	0,008	0,014	FALSE
-0,087	0,298	-0,006	0,015	0,172	FALSE
0,273	0,261	0,008	0,011	0,341	FALSE
-0,146	0,285	-0,003	0,008	0,159	FALSE
-0,015	0,280	0,001	0,014	0,029	FALSE
0,225	0,269	0,007	0,010	0,312	FALSE
-0,012	0,292	-0,003	0,009	0,158	FALSE
-0,020	0,287	-0,003	0,008	0,154	FALSE
0,051	0,289	0,003	0,015	0,073	FALSE
-0,014	0,294	-0,004	0,014	0,093	FALSE
-0,009	0,286	-0,003	0,015	0,064	FALSE

0,029	0,279	0,001	0,008	0,047	FALSE
0,012	0,283	0,000	0,008	0,019	FALSE
-0,001	0,287	0,001	0,008	0,023	FALSE
0,033	0,273	0,002	0,008	0,078	FALSE
0,026	0,284	0,001	0,008	0,046	FALSE
0,008	0,286	0,001	0,007	0,026	FALSE
-0,061	0,280	-0,002	0,009	0,082	FALSE
-0,054	0,282	-0,002	0,009	0,065	FALSE
0,095	0,282	0,002	0,008	0,095	FALSE
-0,061	0,278	-0,001	0,008	0,058	FALSE
0,057	0,293	0,001	0,009	0,053	FALSE
0,038	0,281	0,001	0,010	0,028	FALSE
0,027	0,286	0,000	0,010	0,010	FALSE
0,047	0,287	0,000	0,010	0,007	FALSE
0,018	0,273	-0,001	0,014	0,024	FALSE
-0,082	0,276	-0,001	0,007	0,042	FALSE
-0,056	0,287	-0,003	0,008	0,138	FALSE
-0,098	0,292	-0,004	0,012	0,146	FALSE
0,030	0,288	0,003	0,013	0,091	FALSE
0,127	0,280	0,003	0,008	0,142	FALSE
0,108	0,281	0,001	0,010	0,047	FALSE
-0,109	0,289	-0,007	0,016	0,180	FALSE
0,147	0,288	0,004	0,008	0,204	FALSE
-0,036	0,286	-0,001	0,010	0,036	FALSE
-0,100	0,273	-0,003	0,011	0,118	FALSE
-0,075	0,287	-0,003	0,011	0,095	FALSE
-0,084	0,285	-0,002	0,012	0,054	FALSE
0,013	0,282	0,000	0,012	0,003	FALSE
0,050	0,287	0,001	0,013	0,039	FALSE
-0,014	0,302	-0,001	0,010	0,019	FALSE
-0,141	0,285	-0,004	0,008	0,194	FALSE
-0,051	0,295	0,000	0,013	0,006	FALSE
-0,079	0,295	-0,001	0,010	0,030	FALSE
0,039	0,289	0,000	0,011	0,006	FALSE
0,155	0,282	0,004	0,008	0,176	FALSE
0,162	0,280	0,005	0,012	0,163	FALSE
-0,087	0,288	-0,004	0,015	0,109	FALSE
-0,023	0,281	0,000	0,015	0,002	FALSE
0,005	0,278	0,002	0,015	0,048	FALSE
0,025	0,264	0,002	0,014	0,039	FALSE
-0,028	0,284	0,001	0,009	0,023	FALSE
-0,140	0,263	-0,006	0,013	0,180	FALSE
-0,019	0,296	0,000	0,008	0,005	FALSE
0,005	0,292	0,000	0,012	0,013	FALSE
0,012	0,282	0,000	0,011	0,002	FALSE
-0,139	0,297	-0,005	0,012	0,161	FALSE
0,043	0,289	0,001	0,009	0,052	FALSE
0,122	0,292	0,006	0,013	0,203	FALSE
0,053	0,302	0,003	0,015	0,080	FALSE
-0,073	0,276	0,000	0,010	0,001	FALSE
-0,011	0,279	0,004	0,015	0,090	FALSE
-0,002	0,269	0,004	0,014	0,110	FALSE
0,095	0,284	0,002	0,015	0,045	FALSE

0,022	0,286	0,001	0,007	0,071	FALSE
-0,051	0,292	-0,003	0,013	0,099	FALSE
-0,133	0,304	-0,003	0,008	0,138	FALSE
-0,168	0,295	-0,003	0,007	0,170	FALSE
0,020	0,296	0,001	0,008	0,053	FALSE
-0,146	0,290	-0,006	0,011	0,211	FALSE
-0,126	0,301	-0,005	0,011	0,185	FALSE
-0,008	0,289	0,001	0,009	0,044	FALSE
0,025	0,281	0,002	0,008	0,073	FALSE
-0,007	0,287	0,001	0,008	0,059	FALSE
-0,013	0,280	0,001	0,008	0,049	FALSE
-0,059	0,301	0,000	0,009	0,018	FALSE
-0,039	0,304	-0,002	0,010	0,091	FALSE
0,006	0,290	0,003	0,014	0,092	FALSE
-0,041	0,304	-0,002	0,012	0,064	FALSE
-0,031	0,279	-0,002	0,014	0,054	FALSE
0,065	0,294	0,002	0,015	0,046	FALSE
-0,142	0,277	-0,002	0,009	0,105	FALSE
-0,151	0,277	-0,002	0,009	0,112	FALSE
0,186	0,286	0,010	0,014	0,346	FALSE
-0,017	0,288	-0,002	0,010	0,057	FALSE
-0,118	0,279	-0,004	0,010	0,191	FALSE
-0,059	0,298	-0,002	0,014	0,040	FALSE
-0,109	0,279	-0,002	0,007	0,098	FALSE
0,028	0,301	0,001	0,008	0,056	FALSE
0,021	0,297	0,002	0,009	0,087	FALSE
0,046	0,287	0,000	0,012	0,010	FALSE
0,125	0,291	0,005	0,014	0,137	FALSE
0,132	0,290	0,004	0,011	0,130	FALSE
0,216	0,281	0,006	0,008	0,348	FALSE
0,004	0,281	-0,001	0,011	0,045	FALSE
0,077	0,297	0,003	0,010	0,134	FALSE
0,139	0,290	0,004	0,009	0,164	FALSE
-0,005	0,288	0,000	0,010	0,009	FALSE
-0,030	0,298	-0,002	0,010	0,057	FALSE
-0,009	0,277	-0,001	0,010	0,032	FALSE
-0,091	0,280	-0,005	0,014	0,127	FALSE
-0,053	0,292	-0,001	0,011	0,022	FALSE
-0,016	0,283	-0,001	0,008	0,053	FALSE
-0,051	0,284	-0,002	0,008	0,106	FALSE
-0,171	0,273	-0,004	0,009	0,199	FALSE
0,192	0,296	0,006	0,010	0,262	FALSE
-0,041	0,297	0,000	0,014	0,007	FALSE
0,043	0,293	0,001	0,011	0,033	FALSE
0,094	0,289	0,006	0,015	0,170	FALSE
0,080	0,292	0,005	0,015	0,131	FALSE
0,047	0,281	0,002	0,009	0,074	FALSE
0,037	0,291	0,000	0,014	0,005	FALSE
0,059	0,288	0,001	0,014	0,026	FALSE
0,016	0,285	0,001	0,008	0,063	FALSE
-0,024	0,274	0,000	0,010	0,018	FALSE
0,056	0,282	0,002	0,008	0,073	FALSE
-0,033	0,289	-0,003	0,015	0,068	FALSE

0,063	0,286	0,004	0,014	0,117	FALSE
-0,006	0,284	0,000	0,015	0,006	FALSE
0,015	0,286	0,000	0,014	0,008	FALSE
-0,003	0,272	0,001	0,014	0,018	FALSE
-0,088	0,279	-0,002	0,010	0,075	FALSE
-0,010	0,281	-0,001	0,013	0,027	FALSE
-0,008	0,272	-0,001	0,013	0,020	FALSE
0,002	0,282	0,002	0,014	0,044	FALSE
0,050	0,303	0,003	0,016	0,078	FALSE
-0,120	0,281	-0,003	0,008	0,133	FALSE
-0,021	0,296	0,000	0,011	0,007	FALSE
-0,157	0,289	-0,005	0,010	0,220	FALSE
-0,028	0,286	0,000	0,014	0,012	FALSE
-0,005	0,291	0,002	0,014	0,042	FALSE
-0,070	0,276	-0,001	0,014	0,017	FALSE
0,123	0,287	0,008	0,015	0,237	FALSE
-0,013	0,273	0,002	0,012	0,069	FALSE
0,025	0,294	0,002	0,014	0,051	FALSE
0,060	0,290	0,000	0,009	0,006	FALSE
0,023	0,284	0,002	0,007	0,089	FALSE
0,028	0,302	0,001	0,012	0,043	FALSE
-0,057	0,278	-0,003	0,008	0,133	FALSE
0,081	0,285	0,002	0,015	0,047	FALSE
0,047	0,284	0,001	0,009	0,042	FALSE
0,034	0,280	0,000	0,010	0,010	FALSE
0,094	0,299	0,003	0,008	0,134	FALSE
-0,121	0,289	-0,004	0,008	0,216	FALSE
-0,045	0,289	0,000	0,008	0,007	FALSE
-0,028	0,288	-0,001	0,009	0,034	FALSE
0,162	0,274	0,007	0,014	0,202	FALSE
0,098	0,281	0,001	0,007	0,070	FALSE
0,033	0,292	-0,001	0,009	0,024	FALSE
0,036	0,283	-0,001	0,008	0,031	FALSE
0,065	0,286	0,001	0,008	0,034	FALSE
0,159	0,290	0,007	0,013	0,224	FALSE
-0,167	0,270	-0,009	0,015	0,257	FALSE
0,052	0,280	0,003	0,008	0,179	FALSE
0,221	0,277	0,008	0,014	0,247	FALSE
-0,091	0,267	-0,004	0,014	0,118	FALSE
-0,054	0,280	-0,003	0,010	0,110	FALSE
0,056	0,287	0,002	0,008	0,098	FALSE
0,016	0,289	0,003	0,012	0,076	FALSE
-0,023	0,288	0,000	0,010	0,006	FALSE
-0,053	0,285	0,000	0,008	0,021	FALSE
0,109	0,278	0,001	0,014	0,020	FALSE
0,046	0,285	0,001	0,009	0,049	FALSE
0,066	0,260	0,000	0,011	0,006	FALSE
0,016	0,297	0,001	0,012	0,039	FALSE
0,116	0,295	0,004	0,013	0,116	FALSE
0,045	0,281	-0,001	0,009	0,025	FALSE
0,072	0,308	0,003	0,010	0,133	FALSE
0,004	0,300	-0,001	0,008	0,042	FALSE
-0,062	0,290	-0,002	0,015	0,037	FALSE

0,125	0,290	0,003	0,009	0,134	FALSE
0,031	0,303	0,002	0,015	0,046	FALSE
-0,079	0,282	-0,001	0,012	0,043	FALSE
-0,129	0,279	-0,002	0,013	0,074	FALSE
-0,096	0,292	-0,003	0,012	0,084	FALSE
-0,047	0,290	-0,001	0,013	0,033	FALSE
0,036	0,287	0,002	0,008	0,087	FALSE
-0,025	0,296	0,000	0,015	0,004	FALSE
-0,136	0,278	-0,005	0,010	0,211	FALSE
0,128	0,283	0,004	0,009	0,166	FALSE
-0,142	0,273	-0,005	0,011	0,197	FALSE
-0,022	0,280	0,000	0,011	0,011	FALSE
-0,138	0,271	-0,005	0,008	0,260	FALSE
0,006	0,279	0,000	0,008	0,007	FALSE
0,177	0,274	0,004	0,008	0,201	FALSE
0,036	0,285	0,002	0,008	0,105	FALSE
0,160	0,278	0,006	0,010	0,240	FALSE
0,133	0,293	0,006	0,013	0,205	FALSE
-0,033	0,278	-0,002	0,008	0,107	FALSE
0,112	0,280	0,004	0,013	0,122	FALSE
0,123	0,282	0,005	0,013	0,145	FALSE
0,008	0,290	-0,001	0,012	0,026	FALSE
0,129	0,284	0,005	0,012	0,150	FALSE
0,079	0,275	0,003	0,011	0,121	FALSE
0,085	0,265	0,004	0,011	0,156	FALSE
0,151	0,278	0,006	0,010	0,266	FALSE
0,064	0,285	0,004	0,010	0,158	FALSE
0,121	0,290	0,007	0,015	0,201	FALSE
-0,093	0,288	-0,002	0,013	0,065	FALSE
-0,021	0,276	0,000	0,014	0,005	FALSE
-0,013	0,293	0,001	0,011	0,017	FALSE
0,050	0,296	0,001	0,013	0,034	FALSE
-0,012	0,274	0,000	0,014	0,007	FALSE
-0,047	0,285	0,001	0,013	0,020	FALSE
0,036	0,299	0,002	0,015	0,058	FALSE
0,003	0,276	0,000	0,014	0,006	FALSE
0,000	0,285	0,002	0,014	0,061	FALSE
-0,046	0,297	-0,003	0,013	0,100	FALSE
0,060	0,291	0,000	0,014	0,009	FALSE
0,051	0,277	0,003	0,008	0,138	FALSE
0,208	0,280	0,008	0,013	0,258	FALSE
0,116	0,284	0,004	0,010	0,170	FALSE
0,085	0,277	0,002	0,011	0,080	FALSE
-0,004	0,303	-0,001	0,014	0,037	FALSE
0,087	0,293	0,002	0,009	0,080	FALSE
0,113	0,287	0,006	0,013	0,199	FALSE
0,041	0,280	0,001	0,012	0,018	FALSE
0,011	0,288	0,000	0,014	0,008	FALSE
-0,002	0,302	0,000	0,010	0,013	FALSE
-0,014	0,287	0,000	0,016	0,006	FALSE
-0,047	0,286	0,000	0,008	0,013	FALSE
-0,153	0,281	-0,006	0,013	0,198	FALSE
-0,244	0,268	-0,011	0,014	0,362	FALSE

0,054	0,285	0,003	0,013	0,091	FALSE
-0,126	0,288	-0,004	0,015	0,095	FALSE
-0,145	0,280	-0,004	0,008	0,247	FALSE
0,095	0,274	0,006	0,014	0,176	FALSE
0,106	0,284	0,005	0,008	0,249	FALSE
0,007	0,291	0,000	0,010	0,002	FALSE
-0,290	0,259	-0,016	0,015	0,534	FALSE
0,107	0,276	0,004	0,009	0,179	FALSE
0,158	0,282	0,007	0,010	0,326	FALSE
0,151	0,290	0,006	0,011	0,253	FALSE
0,032	0,288	0,002	0,010	0,091	FALSE
-0,005	0,292	0,000	0,013	0,005	FALSE
0,101	0,293	0,002	0,009	0,084	FALSE
-0,085	0,279	-0,003	0,014	0,089	FALSE
0,066	0,281	0,001	0,010	0,048	FALSE
-0,114	0,280	-0,003	0,012	0,089	FALSE
-0,067	0,278	-0,005	0,013	0,155	FALSE
-0,065	0,290	-0,003	0,015	0,075	FALSE
0,193	0,281	0,008	0,014	0,240	FALSE
-0,149	0,282	-0,004	0,007	0,214	FALSE
0,000	0,281	0,002	0,008	0,087	FALSE
-0,075	0,293	-0,001	0,011	0,049	FALSE
-0,187	0,290	-0,005	0,008	0,244	FALSE
0,086	0,275	0,003	0,011	0,115	FALSE
-0,075	0,282	-0,001	0,008	0,042	FALSE
-0,095	0,292	-0,002	0,013	0,052	FALSE
0,024	0,295	0,002	0,010	0,082	FALSE
-0,047	0,287	-0,003	0,008	0,134	FALSE
-0,024	0,299	-0,001	0,015	0,016	FALSE
-0,017	0,301	-0,001	0,015	0,018	FALSE
0,045	0,288	0,001	0,012	0,038	FALSE
-0,092	0,275	-0,002	0,014	0,061	FALSE
0,041	0,267	0,002	0,010	0,080	FALSE
-0,071	0,274	-0,001	0,012	0,041	FALSE
0,267	0,285	0,007	0,008	0,361	FALSE
-0,008	0,290	0,000	0,012	0,011	FALSE
0,241	0,283	0,008	0,012	0,292	FALSE
0,083	0,279	0,001	0,007	0,031	FALSE
-0,132	0,286	-0,007	0,012	0,243	FALSE
-0,114	0,287	-0,003	0,013	0,093	FALSE
0,195	0,277	0,006	0,013	0,216	FALSE
-0,021	0,292	-0,001	0,008	0,047	FALSE
-0,055	0,279	-0,005	0,013	0,132	FALSE
-0,058	0,298	-0,001	0,009	0,064	FALSE
0,112	0,288	0,002	0,007	0,089	FALSE
0,107	0,288	0,005	0,015	0,126	FALSE
0,041	0,281	0,001	0,012	0,029	FALSE
0,033	0,283	0,001	0,015	0,036	FALSE
0,147	0,286	0,004	0,008	0,197	FALSE
0,033	0,293	0,000	0,011	0,013	FALSE
-0,035	0,277	-0,002	0,013	0,060	FALSE
0,079	0,290	0,004	0,011	0,120	FALSE
0,029	0,293	0,000	0,013	0,013	FALSE

0,013	0,288	0,002	0,015	0,048	FALSE
-0,027	0,288	0,001	0,011	0,036	FALSE
0,119	0,278	0,003	0,008	0,123	FALSE
0,011	0,285	0,001	0,012	0,022	FALSE
0,079	0,278	0,005	0,014	0,140	FALSE
0,032	0,287	0,002	0,013	0,065	FALSE
-0,038	0,293	-0,001	0,012	0,030	FALSE
-0,009	0,291	-0,001	0,009	0,060	FALSE
0,090	0,279	0,002	0,015	0,057	FALSE
-0,085	0,286	-0,003	0,014	0,067	FALSE
-0,072	0,280	-0,002	0,010	0,053	FALSE
-0,135	0,273	-0,004	0,013	0,115	FALSE
0,000	0,285	0,000	0,010	0,010	FALSE
0,001	0,308	0,000	0,010	0,000	FALSE
-0,153	0,275	-0,007	0,014	0,217	FALSE
0,147	0,305	0,004	0,008	0,182	FALSE
0,024	0,283	0,003	0,011	0,105	FALSE
0,231	0,274	0,009	0,014	0,273	FALSE
0,096	0,276	0,001	0,009	0,048	FALSE
-0,104	0,282	-0,006	0,014	0,159	FALSE
-0,130	0,278	-0,006	0,009	0,279	FALSE
0,030	0,286	0,001	0,014	0,033	FALSE
0,009	0,289	0,000	0,011	0,014	FALSE
0,037	0,274	0,002	0,012	0,064	FALSE
0,051	0,274	-0,002	0,012	0,066	FALSE
-0,037	0,294	-0,001	0,008	0,053	FALSE
-0,167	0,279	-0,004	0,009	0,190	FALSE
0,064	0,265	0,001	0,012	0,023	FALSE
-0,010	0,294	0,000	0,009	0,008	FALSE
-0,021	0,289	0,000	0,008	0,022	FALSE
-0,107	0,275	-0,003	0,007	0,174	FALSE
0,109	0,287	0,003	0,012	0,110	FALSE
-0,018	0,287	0,000	0,015	0,009	FALSE
0,040	0,288	0,000	0,013	0,010	FALSE
-0,058	0,298	-0,002	0,011	0,066	FALSE
0,017	0,287	-0,002	0,012	0,072	FALSE
0,027	0,273	0,000	0,007	0,006	FALSE
0,005	0,268	-0,001	0,011	0,040	FALSE
-0,134	0,290	-0,003	0,007	0,168	FALSE
0,058	0,285	0,003	0,015	0,064	FALSE
0,045	0,291	0,002	0,009	0,080	FALSE
0,045	0,289	0,003	0,009	0,108	FALSE
-0,102	0,292	-0,003	0,010	0,113	FALSE
-0,090	0,290	-0,001	0,012	0,044	FALSE
0,006	0,282	0,003	0,012	0,088	FALSE
0,019	0,296	0,001	0,009	0,058	FALSE
0,034	0,284	0,001	0,011	0,020	FALSE
0,052	0,302	0,003	0,015	0,085	FALSE
0,019	0,294	0,001	0,015	0,028	FALSE
0,022	0,290	0,001	0,014	0,027	FALSE
0,144	0,283	0,008	0,015	0,220	FALSE
0,113	0,297	0,005	0,014	0,150	FALSE
0,026	0,297	0,002	0,007	0,108	FALSE

-0,154	0,279	-0,009	0,015	0,252	FALSE
-0,064	0,289	-0,002	0,008	0,100	FALSE
-0,065	0,279	-0,003	0,009	0,128	FALSE
-0,013	0,283	-0,001	0,007	0,068	FALSE
0,108	0,279	0,002	0,013	0,061	FALSE
0,119	0,290	0,006	0,011	0,241	FALSE
-0,027	0,283	-0,001	0,009	0,033	FALSE
0,027	0,287	-0,001	0,012	0,040	FALSE
0,192	0,284	0,008	0,012	0,266	FALSE
0,199	0,285	0,009	0,013	0,296	FALSE
0,095	0,290	0,003	0,011	0,093	FALSE
0,130	0,288	0,004	0,012	0,130	FALSE
-0,109	0,282	-0,004	0,012	0,136	FALSE
0,218	0,287	0,010	0,014	0,314	FALSE
0,024	0,290	0,000	0,012	0,014	FALSE
0,166	0,287	0,003	0,008	0,152	FALSE
-0,202	0,282	-0,006	0,011	0,235	FALSE
-0,085	0,282	-0,003	0,013	0,085	FALSE
0,004	0,286	-0,001	0,009	0,022	FALSE
0,023	0,283	0,001	0,013	0,026	FALSE
-0,058	0,282	-0,001	0,013	0,023	FALSE
0,193	0,285	0,008	0,010	0,335	FALSE
-0,001	0,284	0,000	0,008	0,005	FALSE
0,053	0,295	0,002	0,015	0,038	FALSE
0,079	0,322	0,002	0,012	0,053	FALSE
0,075	0,289	0,003	0,011	0,103	FALSE
0,029	0,290	0,001	0,012	0,034	FALSE
0,013	0,284	0,001	0,009	0,039	FALSE
0,053	0,281	0,001	0,008	0,031	FALSE
-0,023	0,290	-0,002	0,014	0,054	FALSE
-0,083	0,295	-0,004	0,011	0,131	FALSE
0,077	0,293	0,001	0,014	0,032	FALSE
-0,049	0,288	-0,001	0,009	0,033	FALSE
-0,010	0,292	0,001	0,010	0,032	FALSE
0,064	0,288	0,002	0,014	0,045	FALSE
0,106	0,277	0,003	0,014	0,078	FALSE
0,144	0,292	0,006	0,015	0,153	FALSE
-0,124	0,268	-0,002	0,008	0,084	FALSE
-0,051	0,286	-0,002	0,008	0,097	FALSE
-0,125	0,283	-0,002	0,008	0,095	FALSE
0,054	0,283	-0,001	0,009	0,024	FALSE
0,059	0,286	0,001	0,014	0,023	FALSE
0,104	0,293	0,006	0,010	0,253	FALSE
0,052	0,289	0,001	0,010	0,041	FALSE
-0,054	0,288	-0,001	0,007	0,030	FALSE
0,001	0,282	0,000	0,012	0,009	FALSE
-0,015	0,272	0,000	0,012	0,006	FALSE
0,124	0,286	0,005	0,013	0,162	FALSE
-0,158	0,288	-0,008	0,015	0,224	FALSE
0,155	0,289	0,010	0,015	0,307	FALSE
0,157	0,275	0,010	0,015	0,307	FALSE
-0,136	0,264	-0,006	0,012	0,193	FALSE
-0,010	0,274	-0,002	0,010	0,076	FALSE

-0,052	0,305	-0,004	0,016	0,098	FALSE
0,002	0,291	-0,002	0,012	0,050	FALSE
-0,096	0,283	-0,002	0,007	0,101	FALSE
-0,022	0,287	-0,001	0,010	0,044	FALSE
-0,074	0,280	-0,004	0,011	0,134	FALSE
-0,021	0,294	-0,002	0,011	0,055	FALSE
0,044	0,278	0,004	0,013	0,104	FALSE
0,040	0,288	0,001	0,008	0,055	FALSE
0,036	0,291	0,001	0,013	0,037	FALSE
-0,023	0,295	-0,003	0,015	0,069	FALSE
0,102	0,285	0,003	0,009	0,114	FALSE
-0,158	0,279	-0,003	0,008	0,133	FALSE
-0,143	0,272	-0,002	0,007	0,106	FALSE
0,175	0,290	0,006	0,009	0,302	FALSE
0,167	0,280	0,007	0,010	0,320	FALSE
-0,044	0,292	-0,002	0,010	0,056	FALSE
0,119	0,283	0,003	0,008	0,177	FALSE
0,108	0,288	0,003	0,008	0,131	FALSE
0,087	0,292	0,003	0,008	0,173	FALSE
-0,022	0,286	0,001	0,009	0,026	FALSE
0,050	0,274	0,001	0,015	0,034	FALSE
0,048	0,278	0,001	0,008	0,040	FALSE
0,035	0,295	0,003	0,012	0,078	FALSE
0,006	0,297	0,002	0,013	0,054	FALSE
0,089	0,288	0,002	0,009	0,069	FALSE
-0,124	0,287	-0,004	0,007	0,219	FALSE
0,188	0,289	0,008	0,015	0,236	FALSE
-0,079	0,273	-0,002	0,010	0,079	FALSE
-0,033	0,281	0,000	0,010	0,014	FALSE
-0,052	0,289	0,000	0,010	0,016	FALSE
-0,038	0,286	0,000	0,011	0,015	FALSE
0,182	0,288	0,003	0,008	0,171	FALSE
-0,249	0,281	-0,009	0,010	0,412	FALSE
-0,244	0,279	-0,010	0,011	0,433	FALSE
0,173	0,288	0,003	0,008	0,183	FALSE
-0,004	0,293	-0,001	0,014	0,027	FALSE
-0,166	0,288	-0,006	0,010	0,252	FALSE
-0,051	0,286	-0,003	0,011	0,116	FALSE
0,056	0,298	0,001	0,011	0,051	FALSE
-0,041	0,291	-0,002	0,014	0,054	FALSE
-0,125	0,281	-0,002	0,007	0,136	FALSE
-0,092	0,296	-0,002	0,010	0,059	FALSE
-0,013	0,289	0,000	0,012	0,011	FALSE
-0,084	0,300	-0,004	0,011	0,137	FALSE
0,102	0,288	0,002	0,008	0,096	FALSE
0,125	0,290	0,005	0,014	0,158	FALSE
-0,049	0,289	-0,002	0,015	0,037	FALSE
-0,092	0,288	-0,005	0,014	0,133	FALSE
-0,055	0,274	-0,002	0,010	0,098	FALSE
0,123	0,282	0,003	0,008	0,150	FALSE
0,127	0,278	0,003	0,009	0,143	FALSE
0,067	0,279	0,002	0,009	0,080	FALSE
-0,191	0,274	-0,007	0,014	0,227	FALSE

0,132	0,290	0,006	0,015	0,143	FALSE
0,317	0,254	0,012	0,014	0,380	FALSE
0,068	0,292	0,004	0,014	0,103	FALSE
-0,054	0,285	-0,001	0,011	0,046	FALSE
-0,119	0,276	-0,003	0,008	0,149	FALSE
-0,004	0,299	0,001	0,015	0,027	FALSE
-0,012	0,294	-0,002	0,013	0,050	FALSE
0,038	0,287	0,000	0,009	0,001	FALSE
0,090	0,282	0,004	0,010	0,157	FALSE
0,107	0,284	0,002	0,007	0,130	FALSE
0,118	0,288	0,003	0,009	0,115	FALSE
-0,015	0,282	0,001	0,013	0,039	FALSE
-0,027	0,287	-0,002	0,013	0,051	FALSE
0,043	0,292	0,002	0,008	0,077	FALSE
-0,055	0,277	-0,001	0,010	0,019	FALSE
-0,144	0,280	-0,006	0,013	0,199	FALSE
-0,023	0,272	-0,001	0,007	0,045	FALSE
-0,150	0,288	-0,006	0,014	0,186	FALSE
-0,153	0,284	-0,006	0,014	0,192	FALSE
-0,161	0,287	-0,004	0,009	0,190	FALSE
0,182	0,277	0,002	0,008	0,111	FALSE
-0,029	0,281	0,002	0,009	0,062	FALSE
-0,079	0,289	-0,003	0,009	0,115	FALSE
0,137	0,290	0,008	0,014	0,243	FALSE
0,023	0,292	0,000	0,008	0,022	FALSE
0,014	0,283	0,001	0,013	0,039	FALSE
-0,028	0,292	-0,003	0,014	0,078	FALSE
-0,130	0,280	-0,006	0,014	0,199	FALSE
0,104	0,297	0,005	0,013	0,152	FALSE
-0,141	0,281	-0,006	0,011	0,207	FALSE
-0,051	0,294	-0,005	0,015	0,122	FALSE
-0,202	0,276	-0,007	0,011	0,292	FALSE
-0,023	0,296	0,000	0,009	0,013	FALSE
-0,037	0,294	0,000	0,009	0,010	FALSE
0,017	0,260	0,001	0,011	0,031	FALSE
-0,067	0,287	-0,001	0,012	0,029	FALSE
-0,043	0,284	-0,003	0,011	0,103	FALSE
-0,085	0,293	-0,004	0,011	0,134	FALSE
0,064	0,283	0,002	0,012	0,062	FALSE
-0,112	0,272	-0,002	0,010	0,069	FALSE
0,309	0,257	0,014	0,013	0,536	FALSE
-0,057	0,273	0,000	0,007	0,023	FALSE
-0,054	0,290	-0,002	0,012	0,066	FALSE
-0,101	0,287	-0,001	0,009	0,051	FALSE
0,151	0,285	0,007	0,012	0,245	FALSE
-0,048	0,294	0,000	0,010	0,005	FALSE
-0,070	0,288	-0,003	0,015	0,081	FALSE
0,029	0,301	0,000	0,008	0,001	FALSE
-0,101	0,288	-0,002	0,010	0,089	FALSE
0,105	0,293	0,002	0,009	0,100	FALSE
-0,158	0,287	-0,005	0,010	0,202	FALSE
-0,108	0,291	-0,007	0,015	0,184	FALSE
0,150	0,281	0,008	0,014	0,255	FALSE

0,198	0,274	0,004	0,009	0,176	FALSE
-0,126	0,273	-0,003	0,009	0,146	FALSE
0,176	0,276	0,006	0,015	0,174	FALSE
-0,070	0,296	-0,003	0,011	0,118	FALSE
0,038	0,285	0,001	0,009	0,044	FALSE
-0,007	0,277	-0,002	0,013	0,047	FALSE
-0,023	0,278	-0,002	0,010	0,075	FALSE
0,024	0,291	0,001	0,008	0,067	FALSE
-0,109	0,289	-0,003	0,008	0,140	FALSE
0,030	0,288	0,003	0,011	0,112	FALSE
-0,126	0,289	-0,003	0,009	0,133	FALSE
0,083	0,291	0,002	0,014	0,053	FALSE
0,048	0,287	0,001	0,015	0,022	FALSE
0,030	0,274	0,000	0,014	0,009	FALSE
0,045	0,277	0,001	0,015	0,022	FALSE
0,051	0,278	0,002	0,015	0,051	FALSE
-0,088	0,284	-0,003	0,014	0,073	FALSE
-0,079	0,288	-0,003	0,011	0,091	FALSE
0,012	0,285	0,001	0,009	0,052	FALSE
-0,068	0,292	-0,002	0,008	0,089	FALSE
0,026	0,294	0,000	0,008	0,015	FALSE
-0,137	0,278	-0,004	0,008	0,171	FALSE
-0,045	0,287	-0,002	0,011	0,062	FALSE
0,019	0,295	0,001	0,009	0,020	FALSE
0,058	0,285	0,001	0,008	0,032	FALSE
0,020	0,283	0,002	0,010	0,096	FALSE
0,196	0,282	0,004	0,008	0,226	FALSE
0,078	0,282	0,006	0,015	0,161	FALSE
-0,084	0,281	-0,004	0,014	0,101	FALSE
-0,055	0,295	-0,002	0,015	0,063	FALSE
0,030	0,278	0,000	0,013	0,005	FALSE
-0,113	0,281	-0,006	0,015	0,172	FALSE
-0,041	0,306	-0,001	0,015	0,015	FALSE
0,088	0,279	0,002	0,008	0,096	FALSE
-0,008	0,288	-0,001	0,010	0,031	FALSE
-0,092	0,283	-0,003	0,007	0,187	FALSE
-0,041	0,295	0,000	0,011	0,008	FALSE
-0,014	0,300	-0,001	0,015	0,020	FALSE
0,016	0,277	0,001	0,014	0,013	FALSE
-0,086	0,281	-0,002	0,008	0,079	FALSE
-0,025	0,295	-0,002	0,014	0,039	FALSE
0,101	0,283	0,004	0,015	0,109	FALSE
0,030	0,280	-0,001	0,013	0,019	FALSE
0,098	0,275	0,001	0,008	0,041	FALSE
0,073	0,288	0,004	0,009	0,181	FALSE
0,149	0,273	0,004	0,011	0,135	FALSE
0,001	0,276	0,000	0,010	0,016	FALSE
-0,083	0,287	-0,005	0,015	0,130	FALSE
-0,051	0,290	-0,006	0,014	0,173	FALSE
-0,034	0,284	-0,001	0,009	0,054	FALSE
0,120	0,299	0,005	0,013	0,155	FALSE
0,059	0,274	0,000	0,014	0,002	FALSE
-0,029	0,287	0,000	0,008	0,011	FALSE

0,114	0,278	0,006	0,010	0,259	FALSE
-0,104	0,298	-0,003	0,009	0,107	FALSE
0,050	0,292	0,002	0,010	0,064	FALSE
-0,028	0,287	-0,003	0,014	0,075	FALSE
0,027	0,287	0,001	0,008	0,034	FALSE
-0,183	0,283	-0,009	0,014	0,264	FALSE
0,016	0,289	0,000	0,014	0,003	FALSE
0,067	0,287	0,002	0,009	0,062	FALSE
0,094	0,286	0,000	0,014	0,002	FALSE
0,024	0,273	-0,001	0,009	0,024	FALSE
-0,012	0,289	0,000	0,008	0,007	FALSE
0,044	0,276	0,002	0,013	0,055	FALSE
-0,036	0,291	-0,001	0,007	0,070	FALSE
0,198	0,281	0,011	0,014	0,361	FALSE
0,044	0,264	-0,001	0,008	0,039	FALSE
0,199	0,279	0,008	0,014	0,243	FALSE
0,174	0,273	0,004	0,007	0,259	FALSE
-0,165	0,283	-0,004	0,008	0,216	FALSE
-0,097	0,290	-0,005	0,015	0,131	FALSE
0,129	0,273	0,005	0,011	0,179	FALSE
0,027	0,287	0,004	0,013	0,132	FALSE
0,024	0,275	-0,001	0,011	0,037	FALSE
-0,001	0,284	0,000	0,008	0,004	FALSE
-0,010	0,281	0,001	0,010	0,045	FALSE
-0,079	0,287	-0,004	0,009	0,152	FALSE
-0,170	0,290	-0,005	0,010	0,205	FALSE
-0,010	0,311	0,000	0,010	0,018	FALSE
0,122	0,268	0,005	0,014	0,136	FALSE
0,057	0,278	0,002	0,014	0,059	FALSE
-0,142	0,285	-0,004	0,007	0,212	FALSE
0,057	0,285	0,002	0,008	0,101	FALSE
-0,021	0,290	-0,001	0,007	0,032	FALSE
0,100	0,288	0,001	0,009	0,022	FALSE
0,019	0,273	0,001	0,014	0,015	FALSE
0,038	0,280	0,001	0,014	0,023	FALSE
-0,021	0,293	-0,001	0,012	0,020	FALSE
0,041	0,291	0,003	0,011	0,103	FALSE
0,044	0,290	0,000	0,009	0,016	FALSE
-0,107	0,272	-0,005	0,015	0,118	FALSE
0,103	0,287	0,002	0,010	0,067	FALSE
-0,134	0,286	-0,004	0,012	0,141	FALSE
-0,033	0,299	0,000	0,011	0,005	FALSE
-0,028	0,290	0,002	0,014	0,046	FALSE
-0,156	0,287	-0,005	0,015	0,125	FALSE
0,025	0,292	0,001	0,011	0,046	FALSE
0,135	0,278	0,006	0,014	0,178	FALSE
-0,022	0,312	-0,001	0,015	0,013	FALSE
0,025	0,283	0,002	0,011	0,066	FALSE
-0,098	0,268	-0,005	0,012	0,166	FALSE
0,110	0,284	0,003	0,009	0,121	FALSE
-0,099	0,268	-0,003	0,012	0,109	FALSE
0,154	0,267	0,007	0,014	0,205	FALSE
0,181	0,268	0,008	0,014	0,244	FALSE

0,122	0,281	0,003	0,010	0,118	FALSE
-0,044	0,284	-0,005	0,015	0,125	FALSE
0,104	0,294	0,004	0,008	0,185	FALSE
0,010	0,299	0,000	0,014	0,002	FALSE
-0,079	0,288	-0,001	0,008	0,035	FALSE
-0,055	0,280	-0,002	0,014	0,045	FALSE
-0,120	0,298	-0,003	0,009	0,135	FALSE
-0,018	0,297	-0,001	0,011	0,017	FALSE
-0,024	0,291	0,001	0,010	0,018	FALSE
-0,037	0,284	-0,001	0,008	0,025	FALSE
0,023	0,282	0,001	0,008	0,068	FALSE
-0,094	0,270	-0,001	0,007	0,071	FALSE
-0,061	0,285	-0,002	0,010	0,057	FALSE
0,034	0,292	0,001	0,009	0,052	FALSE
-0,005	0,281	0,000	0,013	0,012	FALSE
0,017	0,300	0,002	0,016	0,037	FALSE
0,083	0,281	0,005	0,014	0,140	FALSE
-0,089	0,292	-0,001	0,011	0,050	FALSE
-0,073	0,282	-0,001	0,015	0,032	FALSE
-0,009	0,295	0,000	0,010	0,005	FALSE
-0,221	0,268	-0,011	0,014	0,384	FALSE
-0,121	0,269	-0,004	0,007	0,219	FALSE
0,013	0,291	0,001	0,008	0,039	FALSE
0,017	0,279	-0,001	0,008	0,052	FALSE
0,000	0,284	-0,002	0,015	0,054	FALSE
0,010	0,295	0,002	0,010	0,065	FALSE
-0,020	0,297	0,000	0,013	0,006	FALSE
-0,132	0,280	-0,004	0,007	0,203	FALSE
0,127	0,286	0,006	0,014	0,166	FALSE
-0,037	0,283	-0,002	0,015	0,038	FALSE
0,058	0,271	0,002	0,012	0,066	FALSE
-0,072	0,288	-0,002	0,009	0,093	FALSE
-0,032	0,298	0,000	0,008	0,014	FALSE
-0,043	0,286	0,001	0,015	0,024	FALSE
-0,067	0,298	-0,004	0,015	0,113	FALSE
-0,033	0,284	0,000	0,008	0,010	FALSE
-0,131	0,295	-0,006	0,015	0,166	FALSE
-0,022	0,283	-0,001	0,011	0,020	FALSE
0,090	0,289	0,005	0,014	0,131	FALSE
0,116	0,297	0,006	0,014	0,169	FALSE
-0,025	0,285	-0,001	0,012	0,041	FALSE
-0,096	0,277	-0,003	0,010	0,121	FALSE
-0,080	0,289	-0,002	0,008	0,094	FALSE
0,037	0,274	0,000	0,011	0,007	FALSE
0,058	0,298	0,001	0,015	0,022	FALSE
0,108	0,289	0,003	0,010	0,132	FALSE
0,067	0,291	0,002	0,012	0,068	FALSE
-0,074	0,282	-0,005	0,010	0,221	FALSE
0,020	0,285	0,001	0,014	0,014	FALSE
-0,003	0,291	0,000	0,012	0,014	FALSE
0,005	0,281	0,001	0,012	0,025	FALSE
-0,009	0,272	0,000	0,013	0,013	FALSE
-0,043	0,290	-0,001	0,010	0,047	FALSE

0,060	0,301	0,001	0,008	0,051	FALSE
0,030	0,292	0,001	0,012	0,016	FALSE
0,009	0,296	0,000	0,008	0,003	FALSE
0,025	0,285	0,003	0,015	0,078	FALSE
0,011	0,272	0,002	0,013	0,068	FALSE
-0,011	0,294	0,000	0,009	0,004	FALSE
0,160	0,287	0,005	0,010	0,201	FALSE
0,082	0,297	0,004	0,010	0,170	FALSE
0,056	0,287	0,003	0,010	0,134	FALSE
-0,004	0,299	-0,001	0,015	0,033	FALSE
-0,058	0,281	-0,001	0,013	0,038	FALSE
0,016	0,288	0,001	0,008	0,059	FALSE
-0,115	0,295	-0,003	0,008	0,166	FALSE
0,057	0,285	0,000	0,007	0,025	FALSE
-0,064	0,281	-0,004	0,010	0,189	FALSE
-0,106	0,279	-0,006	0,010	0,263	FALSE
-0,101	0,282	-0,006	0,010	0,247	FALSE
-0,106	0,288	-0,003	0,010	0,121	FALSE
0,061	0,287	0,000	0,008	0,008	FALSE
-0,094	0,275	-0,002	0,009	0,104	FALSE
-0,031	0,294	-0,001	0,008	0,022	FALSE
-0,028	0,296	-0,002	0,008	0,068	FALSE
-0,095	0,284	-0,001	0,010	0,056	FALSE
0,003	0,291	0,000	0,009	0,006	FALSE
-0,125	0,283	-0,003	0,009	0,114	FALSE
0,016	0,303	0,001	0,013	0,018	FALSE
-0,025	0,293	-0,001	0,009	0,024	FALSE
-0,042	0,282	-0,005	0,014	0,153	FALSE
0,065	0,279	0,002	0,011	0,056	FALSE
0,099	0,289	0,002	0,008	0,105	FALSE
-0,122	0,272	-0,005	0,012	0,164	FALSE
0,031	0,293	0,002	0,008	0,074	FALSE
-0,049	0,288	-0,004	0,014	0,102	FALSE
-0,043	0,285	-0,001	0,009	0,044	FALSE
-0,047	0,270	-0,003	0,009	0,125	FALSE
0,033	0,293	0,001	0,013	0,017	FALSE
0,043	0,284	0,001	0,009	0,053	FALSE
0,010	0,293	-0,001	0,008	0,031	FALSE
0,040	0,270	0,000	0,007	0,026	FALSE
0,048	0,280	-0,001	0,012	0,035	FALSE
0,057	0,275	0,000	0,011	0,016	FALSE
-0,134	0,278	-0,003	0,007	0,168	FALSE
0,060	0,291	0,001	0,012	0,018	FALSE
0,091	0,301	0,003	0,012	0,111	FALSE
0,036	0,284	0,002	0,014	0,055	FALSE
-0,091	0,290	-0,002	0,008	0,120	FALSE
0,145	0,288	0,004	0,009	0,188	FALSE
-0,047	0,277	-0,001	0,007	0,075	FALSE
0,164	0,287	0,006	0,010	0,234	FALSE
0,054	0,276	0,000	0,008	0,014	FALSE
0,129	0,289	0,005	0,012	0,160	FALSE
0,086	0,278	0,000	0,009	0,017	FALSE
0,047	0,285	0,001	0,008	0,064	FALSE

-0,021	0,275	-0,002	0,011	0,069	FALSE
-0,015	0,292	-0,002	0,013	0,045	FALSE
0,026	0,296	0,000	0,014	0,011	FALSE
-0,091	0,282	-0,004	0,015	0,092	FALSE
0,087	0,300	0,004	0,011	0,131	FALSE
0,092	0,290	0,004	0,012	0,135	FALSE
0,102	0,294	0,004	0,012	0,135	FALSE
0,066	0,294	0,003	0,012	0,107	FALSE
-0,052	0,291	-0,001	0,010	0,026	FALSE
-0,124	0,285	-0,004	0,013	0,108	FALSE
0,036	0,265	0,000	0,012	0,013	FALSE
0,115	0,260	0,002	0,011	0,086	FALSE
0,019	0,287	0,000	0,008	0,000	FALSE
-0,099	0,289	-0,003	0,011	0,090	FALSE
-0,245	0,274	-0,006	0,008	0,356	FALSE
-0,059	0,280	-0,001	0,011	0,025	FALSE
-0,179	0,284	-0,009	0,015	0,260	FALSE
0,077	0,286	0,002	0,015	0,060	FALSE
0,165	0,271	0,003	0,009	0,142	FALSE
0,090	0,296	0,005	0,010	0,198	FALSE
0,123	0,286	0,002	0,008	0,098	FALSE
0,110	0,296	0,002	0,013	0,048	FALSE
-0,200	0,286	-0,006	0,011	0,228	FALSE
-0,021	0,291	-0,001	0,010	0,027	FALSE
-0,026	0,294	-0,001	0,009	0,048	FALSE
0,055	0,289	0,002	0,008	0,080	FALSE
0,047	0,282	0,001	0,011	0,027	FALSE
-0,221	0,272	-0,008	0,011	0,342	FALSE
-0,150	0,285	-0,006	0,011	0,218	FALSE
0,051	0,277	0,000	0,009	0,012	FALSE
-0,004	0,290	0,000	0,008	0,018	FALSE
-0,058	0,305	-0,002	0,015	0,057	FALSE
-0,162	0,280	-0,007	0,010	0,307	FALSE
0,195	0,284	0,004	0,008	0,220	FALSE
0,081	0,294	0,005	0,011	0,196	FALSE
0,095	0,279	0,001	0,007	0,063	FALSE
-0,068	0,280	-0,003	0,013	0,085	FALSE
0,069	0,296	0,003	0,012	0,104	FALSE
-0,136	0,268	-0,007	0,012	0,266	FALSE
-0,053	0,290	0,000	0,010	0,013	FALSE
0,157	0,283	0,005	0,009	0,236	FALSE
-0,136	0,296	-0,003	0,008	0,132	FALSE
-0,075	0,293	-0,003	0,015	0,073	FALSE
-0,028	0,296	-0,002	0,012	0,045	FALSE
-0,024	0,282	0,000	0,008	0,006	FALSE
0,042	0,295	0,003	0,012	0,087	FALSE
0,250	0,273	0,005	0,009	0,247	FALSE
0,025	0,283	0,000	0,007	0,023	FALSE
-0,007	0,274	-0,001	0,012	0,035	FALSE
0,150	0,292	0,006	0,013	0,177	FALSE
0,044	0,293	0,002	0,009	0,066	FALSE
0,151	0,291	0,006	0,013	0,186	FALSE
-0,117	0,289	-0,003	0,008	0,136	FALSE

-0,007	0,291	0,000	0,012	0,007	FALSE
0,019	0,291	0,002	0,009	0,078	FALSE
0,027	0,281	0,002	0,009	0,084	FALSE
-0,274	0,261	-0,007	0,009	0,385	FALSE
-0,054	0,284	-0,002	0,010	0,065	FALSE
0,031	0,294	0,000	0,008	0,011	FALSE
0,178	0,268	0,008	0,012	0,272	FALSE
0,040	0,281	0,002	0,008	0,117	FALSE
0,019	0,296	0,001	0,009	0,053	FALSE
0,076	0,287	0,003	0,011	0,105	FALSE
-0,204	0,269	-0,008	0,012	0,312	FALSE
-0,099	0,276	-0,006	0,015	0,183	FALSE
0,083	0,287	0,003	0,009	0,145	FALSE
-0,112	0,279	-0,005	0,012	0,171	FALSE
0,092	0,276	0,003	0,008	0,163	FALSE
0,009	0,283	-0,001	0,010	0,028	FALSE
0,056	0,293	0,002	0,009	0,100	FALSE
0,079	0,296	0,005	0,015	0,124	FALSE
-0,034	0,284	0,000	0,009	0,005	FALSE
0,156	0,283	0,004	0,011	0,162	FALSE
0,020	0,273	0,000	0,008	0,004	FALSE
0,078	0,285	0,001	0,007	0,039	FALSE
-0,071	0,302	-0,002	0,010	0,087	FALSE
0,187	0,296	0,007	0,009	0,351	FALSE
0,168	0,275	0,003	0,008	0,136	FALSE
0,020	0,305	0,001	0,015	0,033	FALSE
0,031	0,297	0,001	0,014	0,034	FALSE
-0,257	0,281	-0,013	0,015	0,407	FALSE
0,050	0,279	0,006	0,015	0,172	FALSE
-0,144	0,289	-0,004	0,011	0,150	FALSE
-0,090	0,288	-0,005	0,015	0,138	FALSE
-0,029	0,289	0,000	0,014	0,006	FALSE
0,053	0,297	0,001	0,008	0,053	FALSE
-0,116	0,292	-0,003	0,008	0,160	FALSE
-0,037	0,284	-0,001	0,015	0,034	FALSE
0,173	0,288	0,004	0,008	0,216	FALSE
0,062	0,297	0,002	0,010	0,092	FALSE
0,021	0,280	0,001	0,007	0,064	FALSE
-0,026	0,270	-0,001	0,013	0,024	FALSE
-0,152	0,285	-0,004	0,008	0,189	FALSE
-0,057	0,283	-0,001	0,007	0,028	FALSE
0,156	0,279	0,004	0,010	0,179	FALSE
-0,092	0,289	-0,002	0,007	0,095	FALSE
0,075	0,297	0,003	0,009	0,121	FALSE
0,033	0,302	0,001	0,014	0,024	FALSE
-0,024	0,302	0,000	0,013	0,002	FALSE
0,134	0,277	0,003	0,008	0,153	FALSE
0,035	0,281	0,003	0,009	0,113	FALSE
0,014	0,291	0,000	0,010	0,010	FALSE
-0,057	0,280	-0,002	0,011	0,058	FALSE
-0,168	0,279	-0,005	0,009	0,201	FALSE
0,091	0,294	0,002	0,011	0,049	FALSE
0,094	0,284	0,003	0,012	0,084	FALSE

0,039	0,291	-0,001	0,011	0,028	FALSE
0,107	0,279	0,002	0,012	0,049	FALSE
-0,078	0,280	-0,003	0,010	0,103	FALSE
0,006	0,275	0,000	0,009	0,016	FALSE
-0,101	0,284	-0,004	0,014	0,098	FALSE
-0,102	0,287	-0,005	0,014	0,136	FALSE
-0,066	0,291	-0,002	0,008	0,121	FALSE
-0,146	0,287	-0,007	0,014	0,229	FALSE
0,073	0,290	0,001	0,008	0,032	FALSE
-0,004	0,285	0,001	0,010	0,048	FALSE
0,076	0,277	0,002	0,008	0,095	FALSE
-0,036	0,278	-0,003	0,012	0,084	FALSE
0,010	0,291	0,001	0,008	0,044	FALSE
-0,019	0,283	0,002	0,015	0,048	FALSE
0,036	0,298	0,000	0,008	0,021	FALSE
0,133	0,301	0,004	0,011	0,141	FALSE
0,060	0,284	0,002	0,015	0,048	FALSE
0,225	0,289	0,009	0,010	0,408	FALSE
0,075	0,285	0,003	0,014	0,092	FALSE
-0,147	0,274	-0,003	0,008	0,170	FALSE
0,008	0,284	0,000	0,015	0,007	FALSE
0,045	0,285	0,003	0,015	0,079	FALSE
-0,069	0,304	-0,002	0,012	0,047	FALSE
0,017	0,284	0,001	0,011	0,040	FALSE
0,127	0,285	0,002	0,007	0,120	FALSE
-0,273	0,270	-0,008	0,010	0,370	FALSE
-0,182	0,289	-0,005	0,009	0,217	FALSE
-0,263	0,271	-0,007	0,010	0,326	FALSE
-0,222	0,289	-0,006	0,011	0,212	FALSE
0,088	0,290	0,003	0,011	0,093	FALSE
-0,188	0,286	-0,008	0,013	0,276	FALSE
-0,076	0,299	-0,001	0,008	0,027	FALSE
-0,087	0,277	-0,004	0,011	0,146	FALSE
-0,081	0,280	-0,002	0,009	0,090	FALSE
0,134	0,275	0,003	0,009	0,136	FALSE
0,194	0,289	0,009	0,013	0,291	FALSE
-0,008	0,287	0,001	0,009	0,032	FALSE
0,128	0,288	0,004	0,013	0,119	FALSE
0,160	0,291	0,007	0,014	0,212	FALSE
0,100	0,298	0,001	0,008	0,058	FALSE
0,065	0,284	0,001	0,009	0,026	FALSE
0,022	0,286	0,000	0,014	0,003	FALSE
0,098	0,279	0,002	0,007	0,088	FALSE
0,106	0,287	0,004	0,009	0,159	FALSE
0,038	0,287	0,004	0,015	0,108	FALSE
0,133	0,284	0,003	0,011	0,117	FALSE
0,029	0,292	0,000	0,011	0,007	FALSE
0,034	0,271	0,000	0,009	0,010	FALSE
-0,007	0,293	0,001	0,011	0,019	FALSE
-0,020	0,296	0,000	0,009	0,008	FALSE
0,051	0,281	0,001	0,010	0,046	FALSE
-0,247	0,284	-0,010	0,014	0,311	FALSE
-0,221	0,273	-0,008	0,014	0,268	FALSE

-0,231	0,267	-0,009	0,014	0,286	FALSE
-0,270	0,258	-0,010	0,011	0,435	FALSE
-0,220	0,258	-0,007	0,009	0,320	FALSE
-0,179	0,284	-0,007	0,013	0,224	FALSE
-0,134	0,281	-0,004	0,008	0,179	FALSE
-0,088	0,289	-0,001	0,008	0,043	FALSE
0,095	0,292	0,004	0,010	0,161	FALSE
0,061	0,293	0,001	0,008	0,043	FALSE
-0,031	0,295	-0,001	0,009	0,020	FALSE
0,165	0,285	0,002	0,007	0,110	FALSE
0,007	0,275	0,000	0,013	0,011	FALSE
-0,115	0,294	-0,006	0,015	0,163	FALSE
0,206	0,278	0,008	0,013	0,284	FALSE
-0,044	0,284	0,000	0,011	0,007	FALSE
0,003	0,285	-0,001	0,008	0,060	FALSE
0,029	0,284	0,001	0,013	0,027	FALSE
0,051	0,285	0,000	0,010	0,001	FALSE
-0,087	0,290	-0,003	0,008	0,166	FALSE
0,049	0,287	0,000	0,010	0,003	FALSE
-0,058	0,278	-0,002	0,014	0,042	FALSE
-0,009	0,284	0,001	0,010	0,032	FALSE
-0,036	0,288	-0,002	0,009	0,080	FALSE
-0,021	0,279	0,000	0,009	0,008	FALSE
-0,050	0,294	0,002	0,015	0,049	FALSE
0,091	0,284	0,007	0,012	0,248	FALSE
-0,176	0,273	-0,006	0,008	0,315	FALSE
-0,038	0,285	-0,001	0,009	0,036	FALSE
-0,014	0,288	0,000	0,011	0,002	FALSE
0,031	0,282	0,000	0,009	0,008	FALSE
0,012	0,289	0,000	0,009	0,000	FALSE
0,051	0,304	0,002	0,009	0,101	FALSE
-0,121	0,275	-0,003	0,008	0,150	FALSE
-0,094	0,288	-0,003	0,012	0,090	FALSE
0,005	0,288	-0,001	0,013	0,023	FALSE
-0,020	0,283	0,000	0,009	0,007	FALSE
-0,034	0,287	-0,003	0,015	0,065	FALSE
-0,193	0,276	-0,008	0,015	0,242	FALSE
0,190	0,276	0,008	0,010	0,365	FALSE
0,079	0,286	0,003	0,015	0,076	FALSE
-0,042	0,295	-0,003	0,010	0,124	FALSE
0,034	0,299	-0,001	0,010	0,048	FALSE
0,190	0,280	0,009	0,015	0,250	FALSE
-0,068	0,295	-0,006	0,015	0,154	FALSE
-0,106	0,305	-0,003	0,008	0,129	FALSE
0,016	0,308	0,000	0,011	0,005	FALSE
0,026	0,291	0,000	0,009	0,010	FALSE
0,038	0,293	0,001	0,009	0,030	FALSE
0,006	0,284	0,000	0,008	0,004	FALSE
0,097	0,305	0,004	0,012	0,120	FALSE
-0,108	0,301	-0,005	0,013	0,145	FALSE
0,090	0,288	0,002	0,013	0,052	FALSE
-0,028	0,283	0,001	0,008	0,050	FALSE
0,135	0,263	0,003	0,007	0,146	FALSE

-0,057	0,286	-0,004	0,015	0,093	FALSE
-0,051	0,281	-0,002	0,008	0,116	FALSE
0,070	0,293	0,002	0,010	0,083	FALSE
-0,010	0,298	-0,003	0,015	0,067	FALSE
-0,007	0,287	0,002	0,015	0,058	FALSE
-0,023	0,295	-0,001	0,010	0,021	FALSE
0,042	0,283	0,001	0,008	0,041	FALSE
-0,088	0,282	-0,002	0,010	0,085	FALSE
0,004	0,296	0,001	0,009	0,037	FALSE
-0,009	0,291	-0,001	0,012	0,032	FALSE
-0,031	0,291	-0,002	0,014	0,051	FALSE
-0,102	0,278	-0,003	0,008	0,138	FALSE
-0,113	0,291	-0,003	0,009	0,123	FALSE
-0,234	0,288	-0,005	0,008	0,299	FALSE
0,156	0,276	0,003	0,009	0,143	FALSE
0,005	0,277	-0,001	0,009	0,021	FALSE
0,201	0,276	0,005	0,010	0,219	FALSE
-0,091	0,282	-0,003	0,013	0,090	FALSE
-0,098	0,298	-0,002	0,012	0,065	FALSE
-0,070	0,271	-0,005	0,012	0,156	FALSE
-0,027	0,278	-0,004	0,014	0,104	FALSE
-0,072	0,290	0,000	0,009	0,006	FALSE
0,075	0,295	0,001	0,008	0,037	FALSE
-0,001	0,296	0,001	0,015	0,018	FALSE
-0,032	0,274	-0,002	0,008	0,072	FALSE
-0,036	0,274	-0,001	0,011	0,025	FALSE
-0,013	0,281	0,000	0,012	0,009	FALSE
0,049	0,276	0,002	0,014	0,064	FALSE
0,028	0,279	0,000	0,008	0,010	FALSE
0,145	0,275	0,005	0,015	0,135	FALSE
0,102	0,285	0,007	0,013	0,236	FALSE
0,058	0,280	0,001	0,012	0,023	FALSE
-0,073	0,288	-0,003	0,011	0,117	FALSE
-0,074	0,280	-0,003	0,008	0,131	FALSE
-0,013	0,275	0,000	0,012	0,005	FALSE
-0,104	0,281	-0,005	0,012	0,178	FALSE
-0,027	0,297	-0,001	0,013	0,018	FALSE
0,113	0,276	0,002	0,008	0,105	FALSE
0,009	0,292	0,000	0,009	0,016	FALSE
0,188	0,274	0,007	0,013	0,238	FALSE
0,052	0,266	0,002	0,010	0,073	FALSE
-0,011	0,269	-0,001	0,008	0,046	FALSE
0,040	0,280	0,000	0,013	0,013	FALSE
-0,118	0,283	-0,003	0,008	0,136	FALSE
-0,110	0,288	-0,002	0,012	0,064	FALSE
0,053	0,282	0,001	0,011	0,047	FALSE
0,028	0,284	0,001	0,011	0,028	FALSE
0,033	0,304	0,000	0,009	0,001	FALSE
0,047	0,279	0,001	0,013	0,037	FALSE
-0,152	0,281	-0,003	0,007	0,163	FALSE
-0,060	0,292	0,000	0,013	0,007	FALSE
-0,126	0,285	-0,004	0,013	0,117	FALSE
-0,210	0,287	-0,006	0,008	0,310	FALSE

0,203	0,282	0,005	0,011	0,198	FALSE
-0,092	0,291	-0,001	0,009	0,028	FALSE
0,004	0,295	0,001	0,009	0,023	FALSE
-0,076	0,295	-0,003	0,012	0,087	FALSE
0,080	0,305	0,003	0,009	0,143	FALSE
0,115	0,290	0,004	0,013	0,114	FALSE
-0,040	0,277	0,001	0,008	0,044	FALSE
-0,005	0,286	0,001	0,008	0,023	FALSE
0,191	0,281	0,005	0,014	0,135	FALSE
-0,037	0,285	-0,001	0,009	0,054	FALSE
0,018	0,288	0,001	0,008	0,058	FALSE
-0,132	0,288	-0,007	0,012	0,265	FALSE
0,127	0,295	0,005	0,011	0,181	FALSE
-0,102	0,286	-0,004	0,012	0,123	FALSE
0,136	0,281	0,006	0,012	0,209	FALSE
-0,103	0,285	-0,002	0,009	0,098	FALSE
-0,051	0,275	-0,001	0,008	0,070	FALSE
0,036	0,271	0,003	0,014	0,091	FALSE
-0,073	0,287	-0,003	0,015	0,086	FALSE
-0,024	0,281	0,001	0,009	0,027	FALSE
-0,123	0,281	-0,005	0,011	0,192	FALSE
0,061	0,286	0,002	0,008	0,084	FALSE
0,030	0,294	0,001	0,007	0,039	FALSE
-0,115	0,287	-0,005	0,012	0,149	FALSE
-0,089	0,282	-0,002	0,010	0,090	FALSE
0,048	0,300	0,004	0,012	0,119	FALSE
-0,035	0,285	-0,002	0,012	0,075	FALSE
-0,102	0,277	-0,004	0,010	0,138	FALSE
-0,158	0,281	-0,009	0,015	0,256	FALSE
-0,139	0,292	-0,007	0,015	0,198	FALSE
-0,140	0,271	-0,004	0,008	0,221	FALSE
0,020	0,287	0,001	0,015	0,014	FALSE
0,069	0,291	0,001	0,008	0,033	FALSE
-0,064	0,269	-0,002	0,007	0,086	FALSE
0,088	0,283	0,002	0,008	0,119	FALSE
-0,016	0,291	-0,001	0,010	0,019	FALSE
-0,032	0,299	-0,001	0,009	0,048	FALSE
-0,095	0,290	-0,001	0,008	0,056	FALSE
-0,238	0,274	-0,006	0,008	0,336	FALSE
0,064	0,279	0,000	0,015	0,012	FALSE
0,168	0,272	0,004	0,010	0,186	FALSE
-0,107	0,270	-0,003	0,013	0,075	FALSE
0,034	0,298	0,001	0,008	0,064	FALSE
-0,036	0,291	-0,001	0,007	0,039	FALSE
0,063	0,284	0,003	0,008	0,157	FALSE
0,135	0,274	0,003	0,009	0,121	FALSE
0,009	0,286	0,001	0,008	0,042	FALSE
-0,090	0,281	-0,002	0,007	0,085	FALSE
0,104	0,301	0,001	0,007	0,045	FALSE
-0,045	0,279	-0,002	0,008	0,090	FALSE
0,052	0,303	0,001	0,009	0,046	FALSE
-0,028	0,279	-0,001	0,008	0,070	FALSE
-0,093	0,293	-0,002	0,008	0,088	FALSE

-0,138	0,268	-0,006	0,014	0,188	FALSE
-0,055	0,293	0,000	0,012	0,007	FALSE
-0,058	0,293	0,000	0,012	0,008	FALSE
-0,085	0,305	-0,003	0,015	0,083	FALSE
-0,153	0,282	-0,005	0,014	0,147	FALSE
0,181	0,265	0,004	0,014	0,100	FALSE
0,060	0,278	0,001	0,012	0,026	FALSE
0,063	0,285	0,001	0,012	0,044	FALSE
-0,058	0,284	-0,001	0,008	0,029	FALSE
0,048	0,285	0,001	0,011	0,041	FALSE
0,126	0,281	0,004	0,010	0,150	FALSE
0,022	0,287	0,002	0,012	0,074	FALSE
0,157	0,277	0,004	0,009	0,169	FALSE
0,100	0,282	0,006	0,014	0,181	FALSE
0,066	0,286	0,002	0,008	0,074	FALSE
0,034	0,290	0,002	0,014	0,053	FALSE
-0,110	0,296	-0,004	0,010	0,192	FALSE
-0,033	0,279	-0,002	0,009	0,079	FALSE
-0,077	0,277	-0,001	0,008	0,034	FALSE
-0,253	0,269	-0,006	0,009	0,324	FALSE
0,106	0,280	0,002	0,012	0,048	FALSE
-0,099	0,288	-0,002	0,008	0,093	FALSE
0,006	0,274	0,001	0,008	0,061	FALSE
-0,028	0,286	-0,002	0,011	0,061	FALSE
-0,172	0,271	-0,005	0,009	0,210	FALSE
0,066	0,289	0,001	0,009	0,036	FALSE
0,067	0,285	0,001	0,007	0,059	FALSE
-0,071	0,288	-0,001	0,009	0,060	FALSE
0,007	0,282	-0,001	0,011	0,029	FALSE
-0,172	0,279	-0,005	0,010	0,211	FALSE
-0,061	0,297	-0,004	0,015	0,104	FALSE
-0,117	0,287	-0,006	0,015	0,168	FALSE
-0,161	0,293	-0,005	0,012	0,181	FALSE
0,017	0,284	-0,001	0,014	0,021	FALSE
-0,124	0,294	-0,002	0,009	0,099	FALSE
-0,171	0,258	-0,005	0,011	0,208	FALSE
0,134	0,278	0,005	0,014	0,125	FALSE
-0,080	0,289	-0,001	0,008	0,050	FALSE
0,083	0,275	0,003	0,012	0,107	FALSE
-0,125	0,284	-0,005	0,014	0,146	FALSE
-0,026	0,285	-0,001	0,010	0,048	FALSE
0,070	0,282	0,001	0,011	0,039	FALSE
0,231	0,264	0,007	0,010	0,340	FALSE
0,003	0,294	-0,001	0,010	0,028	FALSE
0,226	0,274	0,011	0,014	0,342	FALSE
0,151	0,275	0,004	0,013	0,135	FALSE
0,120	0,271	0,003	0,013	0,095	FALSE
0,042	0,287	-0,001	0,009	0,051	FALSE
0,251	0,273	0,006	0,011	0,243	FALSE
-0,032	0,283	0,001	0,012	0,041	FALSE
-0,046	0,292	-0,001	0,015	0,020	FALSE
0,031	0,278	-0,001	0,009	0,029	FALSE
-0,188	0,272	-0,008	0,014	0,254	FALSE

0,039	0,286	0,000	0,007	0,008	FALSE
-0,252	0,271	-0,009	0,013	0,323	FALSE
-0,039	0,286	-0,002	0,015	0,059	FALSE
0,020	0,286	0,000	0,014	0,009	FALSE
0,020	0,286	0,002	0,010	0,082	FALSE
0,127	0,300	0,002	0,008	0,124	FALSE
0,088	0,274	0,003	0,013	0,101	FALSE
0,113	0,279	0,002	0,011	0,072	FALSE
0,039	0,292	0,001	0,012	0,043	FALSE
-0,105	0,276	-0,002	0,009	0,087	FALSE
-0,139	0,270	-0,002	0,009	0,094	FALSE
0,034	0,284	0,000	0,013	0,004	FALSE
0,022	0,293	-0,001	0,009	0,036	FALSE
-0,046	0,288	-0,002	0,009	0,103	FALSE
-0,073	0,283	-0,003	0,012	0,088	FALSE
-0,088	0,297	-0,003	0,008	0,154	FALSE
0,031	0,286	0,001	0,008	0,029	FALSE
-0,023	0,283	-0,001	0,014	0,021	FALSE
-0,011	0,296	-0,002	0,009	0,067	FALSE
-0,006	0,287	0,000	0,009	0,014	FALSE
-0,129	0,279	-0,004	0,008	0,188	FALSE
-0,101	0,270	-0,004	0,011	0,137	FALSE
0,027	0,290	0,001	0,009	0,027	FALSE
0,225	0,280	0,012	0,015	0,379	FALSE
-0,114	0,278	-0,004	0,008	0,204	FALSE
0,162	0,289	0,008	0,012	0,319	FALSE
-0,171	0,292	-0,006	0,010	0,266	FALSE
0,003	0,282	0,001	0,013	0,031	FALSE
-0,214	0,275	-0,007	0,010	0,285	FALSE
0,024	0,265	-0,002	0,009	0,099	FALSE
0,032	0,294	0,001	0,008	0,064	FALSE
0,059	0,279	0,001	0,008	0,059	FALSE
-0,152	0,272	-0,008	0,014	0,236	FALSE
0,162	0,277	0,008	0,013	0,249	FALSE
0,173	0,282	0,008	0,014	0,259	FALSE
-0,046	0,294	-0,001	0,007	0,073	FALSE
0,076	0,269	0,004	0,014	0,101	FALSE
0,028	0,286	0,001	0,012	0,036	FALSE
-0,243	0,274	-0,007	0,010	0,294	FALSE
0,122	0,274	0,003	0,012	0,081	FALSE
0,116	0,271	0,003	0,012	0,079	FALSE
0,092	0,280	0,005	0,014	0,146	FALSE
0,153	0,284	0,005	0,007	0,294	TRUE
0,120	0,281	0,005	0,012	0,151	FALSE
-0,141	0,277	-0,003	0,011	0,120	FALSE
0,069	0,298	0,003	0,010	0,109	FALSE
0,070	0,295	0,003	0,010	0,096	FALSE
0,042	0,303	0,001	0,009	0,058	FALSE
-0,150	0,263	-0,006	0,012	0,183	FALSE
0,020	0,287	0,001	0,008	0,031	FALSE
0,050	0,291	0,001	0,009	0,049	FALSE
0,098	0,268	0,005	0,014	0,140	FALSE
0,006	0,286	-0,001	0,007	0,045	FALSE

0,040	0,283	0,001	0,009	0,042	FALSE
-0,030	0,297	0,000	0,008	0,019	FALSE
0,067	0,295	0,002	0,008	0,084	FALSE
-0,101	0,292	-0,004	0,012	0,121	FALSE
0,065	0,287	0,004	0,011	0,135	FALSE
-0,066	0,283	-0,002	0,010	0,057	FALSE
0,048	0,288	0,002	0,010	0,055	FALSE
-0,066	0,288	-0,002	0,011	0,084	FALSE
-0,207	0,276	-0,011	0,014	0,395	FALSE
-0,098	0,289	-0,001	0,013	0,020	FALSE
0,164	0,284	0,004	0,007	0,255	FALSE
0,040	0,299	0,001	0,009	0,054	FALSE
-0,004	0,295	-0,001	0,011	0,036	FALSE
-0,081	0,289	-0,004	0,010	0,150	FALSE
0,178	0,290	0,008	0,016	0,211	FALSE
0,085	0,302	0,003	0,015	0,084	FALSE
0,086	0,302	0,003	0,012	0,090	FALSE
-0,090	0,286	-0,002	0,014	0,062	FALSE
-0,104	0,283	-0,003	0,015	0,064	FALSE
-0,029	0,286	0,000	0,009	0,000	FALSE
-0,127	0,285	-0,004	0,015	0,111	FALSE
0,032	0,293	0,001	0,009	0,052	FALSE
-0,137	0,281	-0,005	0,015	0,136	FALSE
-0,135	0,284	-0,004	0,014	0,118	FALSE
-0,161	0,277	-0,006	0,014	0,166	FALSE
-0,157	0,282	-0,005	0,014	0,141	FALSE
-0,025	0,283	-0,001	0,008	0,031	FALSE
0,224	0,278	0,009	0,015	0,266	FALSE
-0,139	0,283	-0,005	0,014	0,140	FALSE
-0,056	0,280	-0,001	0,009	0,056	FALSE
0,149	0,275	0,004	0,011	0,134	FALSE
0,165	0,274	0,004	0,011	0,159	FALSE
0,079	0,296	0,002	0,010	0,067	FALSE
0,139	0,278	0,003	0,008	0,148	FALSE
-0,085	0,289	-0,004	0,013	0,104	FALSE
-0,030	0,293	-0,002	0,010	0,080	FALSE
-0,058	0,290	-0,003	0,010	0,120	FALSE
-0,047	0,287	-0,003	0,010	0,101	FALSE
0,060	0,290	0,001	0,015	0,033	FALSE
-0,062	0,289	-0,003	0,008	0,130	FALSE
0,134	0,284	0,003	0,007	0,172	FALSE
0,154	0,279	0,004	0,012	0,134	FALSE
0,104	0,278	0,003	0,011	0,108	FALSE
0,114	0,276	0,004	0,011	0,140	FALSE
0,128	0,283	0,004	0,011	0,158	FALSE
0,044	0,276	0,002	0,007	0,096	FALSE
-0,019	0,291	-0,001	0,007	0,063	FALSE
-0,034	0,293	-0,002	0,009	0,096	FALSE
0,082	0,284	0,002	0,014	0,063	FALSE
0,073	0,293	0,002	0,013	0,051	FALSE
-0,054	0,289	-0,002	0,010	0,059	FALSE
0,013	0,285	-0,002	0,014	0,054	FALSE
-0,147	0,278	-0,003	0,007	0,202	FALSE

0,131	0,283	0,004	0,010	0,174	FALSE
0,008	0,275	-0,001	0,011	0,042	FALSE
0,139	0,277	0,003	0,013	0,089	FALSE
0,155	0,286	0,004	0,009	0,205	FALSE
0,022	0,284	-0,001	0,010	0,034	FALSE
0,061	0,279	0,000	0,011	0,015	FALSE
0,056	0,294	0,000	0,011	0,008	FALSE
0,175	0,274	0,011	0,015	0,325	FALSE
-0,104	0,284	-0,007	0,014	0,225	FALSE
0,080	0,292	0,002	0,015	0,057	FALSE
-0,117	0,284	-0,004	0,009	0,196	FALSE
-0,191	0,292	-0,008	0,012	0,280	FALSE
0,187	0,292	0,007	0,014	0,229	FALSE
0,137	0,282	0,006	0,014	0,177	FALSE
0,115	0,279	0,005	0,012	0,159	FALSE
0,055	0,290	0,000	0,014	0,003	FALSE
0,036	0,267	-0,001	0,013	0,022	FALSE
0,115	0,267	0,002	0,010	0,092	FALSE
0,000	0,302	-0,001	0,010	0,023	FALSE
0,045	0,288	0,000	0,009	0,009	FALSE
0,072	0,276	0,004	0,012	0,132	FALSE
-0,081	0,273	-0,001	0,009	0,059	FALSE
0,012	0,293	-0,002	0,012	0,059	FALSE
0,079	0,281	0,001	0,015	0,025	FALSE
0,114	0,278	0,002	0,015	0,042	FALSE
-0,109	0,286	-0,003	0,014	0,085	FALSE
0,128	0,274	0,002	0,014	0,053	FALSE
0,031	0,285	0,000	0,010	0,009	FALSE
0,111	0,294	0,001	0,008	0,050	FALSE
-0,159	0,288	-0,009	0,013	0,298	FALSE
0,163	0,278	0,006	0,014	0,165	FALSE
-0,141	0,280	-0,007	0,014	0,212	FALSE
0,034	0,273	0,001	0,008	0,031	FALSE
-0,093	0,283	-0,002	0,012	0,067	FALSE
-0,102	0,273	-0,005	0,013	0,169	FALSE
0,041	0,280	0,002	0,010	0,056	FALSE
0,211	0,289	0,005	0,008	0,293	FALSE
-0,023	0,291	0,000	0,012	0,008	FALSE
0,073	0,285	0,003	0,012	0,078	FALSE
0,058	0,281	0,000	0,008	0,004	FALSE
-0,026	0,284	0,002	0,014	0,045	FALSE
-0,111	0,274	-0,004	0,011	0,135	FALSE
0,076	0,285	0,005	0,012	0,153	FALSE
-0,025	0,274	-0,003	0,010	0,103	FALSE
-0,050	0,279	-0,003	0,010	0,133	FALSE
-0,029	0,290	0,000	0,009	0,013	FALSE
-0,025	0,297	0,001	0,010	0,031	FALSE
-0,038	0,286	0,000	0,009	0,004	FALSE
0,020	0,313	0,001	0,010	0,052	FALSE
-0,186	0,282	-0,007	0,011	0,281	FALSE
-0,124	0,284	-0,001	0,008	0,069	FALSE
-0,022	0,296	0,000	0,009	0,012	FALSE
-0,003	0,282	0,000	0,012	0,013	FALSE

0,008	0,286	0,000	0,013	0,008	FALSE
0,068	0,288	0,003	0,013	0,091	FALSE
-0,050	0,283	-0,005	0,014	0,142	FALSE
0,149	0,273	0,003	0,008	0,157	FALSE
0,052	0,278	0,001	0,012	0,033	FALSE
0,089	0,290	0,005	0,014	0,132	FALSE
0,175	0,272	0,004	0,010	0,164	FALSE
0,125	0,287	0,002	0,009	0,105	FALSE
-0,055	0,282	-0,001	0,007	0,035	FALSE
-0,008	0,293	-0,002	0,012	0,049	FALSE
0,135	0,288	0,004	0,009	0,187	FALSE
-0,031	0,290	0,000	0,008	0,009	FALSE
0,081	0,282	0,002	0,010	0,062	FALSE
-0,083	0,297	-0,003	0,011	0,093	FALSE
-0,156	0,273	-0,004	0,010	0,156	FALSE
-0,022	0,287	0,000	0,012	0,000	FALSE
-0,113	0,291	-0,004	0,013	0,109	FALSE
-0,069	0,284	-0,001	0,012	0,034	FALSE
-0,125	0,278	-0,005	0,013	0,177	FALSE
-0,160	0,286	-0,008	0,013	0,264	FALSE
0,022	0,281	0,001	0,007	0,052	FALSE
-0,097	0,287	-0,002	0,012	0,069	FALSE
0,047	0,293	-0,001	0,009	0,046	FALSE
0,011	0,298	0,000	0,013	0,007	FALSE
0,111	0,290	0,006	0,014	0,171	FALSE
0,078	0,284	0,005	0,013	0,147	FALSE
0,005	0,293	0,001	0,015	0,023	FALSE
0,032	0,285	0,000	0,010	0,000	FALSE
0,058	0,285	0,001	0,010	0,030	FALSE
0,002	0,292	-0,001	0,011	0,031	FALSE
0,031	0,282	0,000	0,010	0,003	FALSE
-0,191	0,274	-0,005	0,011	0,192	FALSE
0,034	0,285	0,000	0,007	0,020	FALSE
0,023	0,276	0,000	0,009	0,014	FALSE
-0,136	0,280	-0,005	0,011	0,185	FALSE
-0,128	0,285	-0,007	0,014	0,205	FALSE
0,115	0,285	0,004	0,013	0,127	FALSE
-0,075	0,299	-0,002	0,010	0,075	FALSE
-0,075	0,292	-0,002	0,014	0,044	FALSE
0,095	0,278	0,004	0,014	0,120	FALSE
-0,105	0,277	-0,004	0,009	0,166	FALSE
-0,059	0,282	-0,001	0,009	0,029	FALSE
-0,048	0,283	0,000	0,008	0,014	FALSE
0,024	0,277	0,000	0,015	0,004	FALSE
0,031	0,288	0,004	0,014	0,123	FALSE
0,088	0,282	0,007	0,014	0,212	FALSE
0,092	0,284	0,008	0,014	0,233	FALSE
-0,115	0,287	-0,006	0,014	0,161	FALSE
0,108	0,287	0,005	0,013	0,149	FALSE
0,089	0,269	0,002	0,008	0,085	FALSE
-0,002	0,298	0,002	0,014	0,049	FALSE
-0,090	0,281	-0,003	0,009	0,145	FALSE
0,039	0,281	0,002	0,014	0,057	FALSE

0,057	0,291	0,003	0,015	0,079	FALSE
-0,001	0,295	0,000	0,015	0,005	FALSE
0,014	0,285	0,001	0,011	0,030	FALSE
-0,077	0,280	-0,007	0,014	0,227	FALSE
0,163	0,280	0,007	0,015	0,202	FALSE
0,063	0,274	0,004	0,013	0,117	FALSE
-0,072	0,286	-0,005	0,015	0,147	FALSE
0,097	0,272	0,006	0,014	0,156	FALSE
0,091	0,293	0,004	0,013	0,115	FALSE
0,073	0,289	0,003	0,011	0,127	FALSE
0,234	0,284	0,008	0,011	0,340	FALSE
-0,148	0,292	-0,006	0,014	0,161	FALSE
0,223	0,273	0,009	0,015	0,281	FALSE
0,115	0,288	0,003	0,009	0,140	FALSE
0,113	0,284	0,004	0,008	0,240	FALSE
0,002	0,303	0,000	0,014	0,007	FALSE
0,010	0,292	0,000	0,013	0,005	FALSE
-0,028	0,294	-0,001	0,008	0,044	FALSE
0,133	0,291	0,004	0,007	0,265	FALSE
-0,054	0,298	0,000	0,009	0,012	FALSE
0,039	0,301	0,000	0,010	0,013	FALSE
0,036	0,291	0,000	0,009	0,002	FALSE
0,037	0,296	0,001	0,010	0,029	FALSE
0,060	0,296	0,003	0,011	0,099	FALSE
0,087	0,287	0,001	0,014	0,022	FALSE
0,054	0,297	0,000	0,015	0,011	FALSE
-0,050	0,284	-0,003	0,012	0,101	FALSE
-0,083	0,284	-0,005	0,011	0,171	FALSE
-0,141	0,265	-0,004	0,008	0,217	FALSE
-0,077	0,287	-0,004	0,011	0,165	FALSE
-0,067	0,291	-0,002	0,014	0,045	FALSE
-0,101	0,285	-0,002	0,015	0,052	FALSE
-0,090	0,287	-0,002	0,015	0,059	FALSE
-0,102	0,289	-0,003	0,015	0,066	FALSE
-0,176	0,286	-0,006	0,015	0,181	FALSE
-0,098	0,278	-0,003	0,014	0,069	FALSE
-0,004	0,288	0,000	0,014	0,004	FALSE
-0,131	0,283	-0,003	0,014	0,088	FALSE
-0,206	0,285	-0,009	0,015	0,248	FALSE
-0,176	0,289	-0,007	0,015	0,186	FALSE
0,069	0,297	0,004	0,009	0,154	FALSE
-0,120	0,276	-0,004	0,009	0,158	FALSE
-0,005	0,294	0,000	0,008	0,020	FALSE
-0,150	0,277	-0,005	0,011	0,189	FALSE
-0,017	0,287	-0,001	0,015	0,014	FALSE
-0,031	0,296	-0,003	0,015	0,086	FALSE
-0,004	0,289	0,001	0,014	0,013	FALSE
-0,033	0,295	-0,003	0,015	0,080	FALSE
-0,139	0,279	-0,004	0,010	0,170	FALSE
-0,009	0,280	-0,001	0,011	0,032	FALSE
0,124	0,287	0,003	0,011	0,099	FALSE
-0,001	0,294	0,000	0,009	0,015	FALSE
-0,127	0,271	-0,004	0,014	0,101	FALSE

0,171	0,297	0,003	0,008	0,174	FALSE
-0,002	0,292	-0,001	0,014	0,029	FALSE
0,130	0,281	0,003	0,009	0,106	FALSE
0,029	0,285	0,004	0,012	0,122	FALSE
0,010	0,288	0,001	0,007	0,053	FALSE
0,078	0,294	0,004	0,012	0,126	FALSE
-0,086	0,288	-0,002	0,008	0,095	FALSE
-0,046	0,278	-0,002	0,015	0,056	FALSE
-0,029	0,288	-0,001	0,010	0,048	FALSE
0,045	0,285	0,001	0,011	0,034	FALSE
0,042	0,282	0,001	0,012	0,026	FALSE
0,098	0,295	0,003	0,008	0,135	FALSE
0,038	0,279	0,001	0,011	0,041	FALSE
0,058	0,299	0,002	0,011	0,074	FALSE
-0,080	0,294	-0,003	0,008	0,132	FALSE
0,075	0,279	0,000	0,012	0,013	FALSE
0,055	0,278	0,002	0,007	0,143	FALSE
0,019	0,295	-0,004	0,014	0,102	FALSE
0,160	0,278	0,004	0,013	0,119	FALSE
0,166	0,266	0,005	0,014	0,140	FALSE
0,105	0,277	0,003	0,013	0,090	FALSE
-0,185	0,271	-0,007	0,014	0,189	FALSE
-0,134	0,280	-0,004	0,014	0,109	FALSE
-0,182	0,293	-0,008	0,015	0,231	FALSE
0,082	0,290	0,002	0,008	0,104	FALSE
0,151	0,283	0,003	0,011	0,125	FALSE
0,076	0,270	0,001	0,013	0,032	FALSE
0,001	0,288	-0,003	0,015	0,067	FALSE
0,132	0,276	0,003	0,012	0,091	FALSE
0,261	0,272	0,009	0,011	0,354	FALSE
-0,060	0,291	-0,003	0,013	0,095	FALSE
-0,075	0,286	-0,003	0,012	0,087	FALSE
-0,080	0,290	-0,003	0,013	0,090	FALSE
-0,038	0,295	-0,002	0,014	0,053	FALSE
0,068	0,296	0,004	0,011	0,144	FALSE
0,201	0,281	0,004	0,008	0,201	FALSE
0,015	0,288	0,001	0,013	0,015	FALSE
-0,102	0,279	-0,003	0,008	0,137	FALSE
-0,106	0,283	-0,003	0,009	0,147	FALSE
0,122	0,291	0,007	0,015	0,187	FALSE
0,028	0,297	0,002	0,008	0,119	FALSE
-0,098	0,308	-0,002	0,015	0,054	FALSE
0,186	0,284	0,006	0,009	0,280	FALSE
-0,099	0,290	-0,003	0,015	0,083	FALSE
0,179	0,283	0,005	0,007	0,274	FALSE
-0,098	0,268	-0,003	0,010	0,141	FALSE
0,068	0,280	0,001	0,013	0,025	FALSE
0,042	0,281	0,000	0,013	0,007	FALSE
0,216	0,272	0,009	0,012	0,314	FALSE
0,125	0,278	0,006	0,014	0,180	FALSE
0,041	0,291	0,001	0,008	0,030	FALSE
0,077	0,281	0,003	0,014	0,071	FALSE
-0,010	0,311	0,000	0,008	0,014	FALSE

0,083	0,276	0,003	0,013	0,089	FALSE
0,007	0,290	0,001	0,008	0,037	FALSE
-0,003	0,286	0,001	0,007	0,034	FALSE
-0,010	0,286	0,000	0,007	0,016	FALSE
-0,009	0,287	0,001	0,007	0,047	FALSE
0,005	0,277	0,001	0,011	0,029	FALSE
0,021	0,280	0,002	0,011	0,057	FALSE
0,031	0,268	0,002	0,011	0,077	FALSE
-0,005	0,291	0,001	0,007	0,029	FALSE
0,039	0,285	0,001	0,013	0,022	FALSE
0,027	0,290	-0,001	0,010	0,021	FALSE
0,159	0,281	0,003	0,013	0,095	FALSE
0,035	0,277	0,001	0,007	0,041	FALSE
0,065	0,275	0,002	0,014	0,049	FALSE
-0,093	0,289	-0,005	0,015	0,134	FALSE
0,216	0,273	0,008	0,013	0,262	FALSE
-0,083	0,288	-0,004	0,012	0,143	FALSE
-0,217	0,288	-0,006	0,008	0,327	FALSE
-0,031	0,288	-0,001	0,009	0,044	FALSE
-0,153	0,291	-0,005	0,009	0,226	FALSE
0,064	0,308	0,002	0,012	0,080	FALSE
-0,045	0,279	-0,003	0,015	0,075	FALSE
-0,009	0,290	-0,004	0,015	0,107	FALSE
0,019	0,284	0,000	0,008	0,011	FALSE
-0,057	0,293	-0,001	0,011	0,044	FALSE
-0,055	0,292	-0,002	0,009	0,074	FALSE
0,071	0,290	0,006	0,015	0,169	FALSE
-0,145	0,283	-0,004	0,010	0,184	FALSE
-0,064	0,285	-0,001	0,007	0,067	FALSE
-0,125	0,288	-0,003	0,009	0,120	FALSE
-0,150	0,289	-0,005	0,009	0,205	FALSE
0,145	0,275	0,005	0,011	0,179	FALSE
0,068	0,303	0,002	0,013	0,055	FALSE
-0,044	0,287	-0,002	0,012	0,050	FALSE
0,040	0,281	0,003	0,014	0,065	FALSE
-0,065	0,269	-0,002	0,014	0,066	FALSE
-0,050	0,289	-0,001	0,008	0,056	FALSE
-0,083	0,275	-0,004	0,008	0,184	FALSE
-0,057	0,288	-0,005	0,015	0,138	FALSE
0,071	0,303	0,003	0,011	0,101	FALSE
0,059	0,276	0,000	0,012	0,011	FALSE
0,060	0,277	-0,001	0,011	0,037	FALSE
-0,002	0,272	-0,003	0,008	0,130	FALSE
0,079	0,280	0,000	0,009	0,004	FALSE
-0,099	0,282	-0,004	0,007	0,240	FALSE
0,012	0,280	0,002	0,013	0,057	FALSE
0,036	0,292	0,003	0,014	0,086	FALSE
-0,103	0,291	-0,003	0,009	0,133	FALSE
-0,045	0,289	0,000	0,008	0,008	FALSE
0,234	0,262	0,012	0,014	0,383	FALSE
-0,015	0,286	0,000	0,009	0,002	FALSE
-0,209	0,281	-0,009	0,015	0,274	FALSE
-0,091	0,287	-0,002	0,009	0,085	FALSE

-0,269	0,275	-0,008	0,011	0,305	FALSE
0,070	0,282	0,001	0,011	0,046	FALSE
0,103	0,289	0,003	0,011	0,108	FALSE
0,053	0,293	0,002	0,010	0,056	FALSE
0,093	0,272	0,002	0,009	0,090	FALSE
0,007	0,292	0,000	0,007	0,023	FALSE
-0,068	0,290	-0,004	0,011	0,134	FALSE
0,050	0,291	0,005	0,015	0,128	FALSE
0,066	0,289	0,002	0,015	0,050	FALSE
-0,202	0,279	-0,009	0,015	0,260	FALSE
-0,202	0,290	-0,009	0,016	0,241	FALSE
-0,206	0,266	-0,009	0,014	0,269	FALSE
-0,206	0,271	-0,009	0,014	0,282	FALSE
0,094	0,298	0,001	0,012	0,042	FALSE
-0,072	0,296	-0,004	0,013	0,114	FALSE
0,171	0,267	0,003	0,010	0,112	FALSE
0,041	0,296	0,002	0,011	0,060	FALSE
-0,018	0,279	-0,001	0,013	0,033	FALSE
-0,109	0,288	-0,004	0,014	0,110	FALSE
-0,005	0,273	-0,001	0,013	0,040	FALSE
0,042	0,278	-0,001	0,013	0,029	FALSE
-0,055	0,284	0,000	0,012	0,012	FALSE
0,189	0,275	0,005	0,010	0,229	FALSE
-0,103	0,287	-0,002	0,009	0,092	FALSE
-0,019	0,279	-0,001	0,011	0,028	FALSE
0,043	0,285	0,002	0,015	0,038	FALSE
-0,070	0,291	-0,002	0,012	0,073	FALSE
-0,019	0,279	0,000	0,011	0,004	FALSE
-0,108	0,286	-0,003	0,009	0,118	FALSE
-0,038	0,273	0,001	0,011	0,030	FALSE
-0,183	0,281	-0,005	0,013	0,169	FALSE
-0,017	0,282	-0,001	0,015	0,014	FALSE
-0,062	0,289	-0,001	0,008	0,035	FALSE
-0,035	0,292	-0,001	0,014	0,013	FALSE
-0,136	0,285	-0,005	0,015	0,132	FALSE
-0,130	0,279	-0,005	0,014	0,138	FALSE
-0,059	0,277	-0,002	0,007	0,092	FALSE
-0,078	0,279	0,000	0,009	0,012	FALSE
0,121	0,285	0,004	0,008	0,221	FALSE
0,097	0,288	0,004	0,008	0,184	FALSE
0,109	0,288	0,003	0,008	0,181	FALSE
0,124	0,286	0,004	0,008	0,227	FALSE
-0,178	0,279	-0,005	0,007	0,279	FALSE
-0,067	0,293	-0,001	0,009	0,056	FALSE
0,161	0,282	0,006	0,015	0,163	FALSE
-0,022	0,293	-0,002	0,014	0,047	FALSE
0,092	0,282	0,005	0,010	0,201	FALSE
0,013	0,279	0,001	0,008	0,026	FALSE
-0,070	0,298	-0,001	0,008	0,066	FALSE
-0,095	0,290	-0,002	0,008	0,099	FALSE
-0,098	0,288	-0,005	0,014	0,144	FALSE
0,083	0,283	0,003	0,011	0,106	FALSE
-0,141	0,276	-0,003	0,011	0,108	FALSE

0,065	0,285	0,001	0,011	0,030	FALSE
0,148	0,292	0,006	0,015	0,175	FALSE
-0,071	0,300	-0,002	0,012	0,078	FALSE
-0,080	0,284	-0,007	0,015	0,186	FALSE
-0,089	0,289	-0,007	0,015	0,203	FALSE
-0,068	0,301	-0,001	0,009	0,050	FALSE
0,073	0,286	0,000	0,007	0,011	FALSE
-0,015	0,288	0,000	0,008	0,022	FALSE
-0,035	0,284	-0,001	0,014	0,028	FALSE
-0,089	0,284	-0,003	0,007	0,167	FALSE
-0,109	0,281	-0,003	0,009	0,147	FALSE
0,193	0,280	0,008	0,012	0,288	FALSE
-0,067	0,279	-0,001	0,011	0,031	FALSE
-0,092	0,267	-0,002	0,014	0,044	FALSE
-0,103	0,292	-0,002	0,010	0,080	FALSE
-0,125	0,299	-0,003	0,010	0,112	FALSE
-0,043	0,289	-0,001	0,014	0,037	FALSE
-0,175	0,281	-0,008	0,013	0,262	FALSE
-0,073	0,292	-0,002	0,008	0,097	FALSE
0,007	0,284	0,001	0,009	0,021	FALSE
-0,235	0,283	-0,007	0,009	0,329	FALSE
-0,140	0,298	-0,003	0,009	0,140	FALSE
-0,133	0,287	-0,003	0,009	0,111	FALSE
-0,228	0,276	-0,013	0,014	0,463	FALSE
0,108	0,282	0,006	0,011	0,234	FALSE
-0,052	0,290	-0,002	0,010	0,055	FALSE
0,002	0,273	0,004	0,013	0,114	FALSE
-0,160	0,265	-0,004	0,008	0,217	FALSE
-0,097	0,294	-0,001	0,012	0,044	FALSE
0,220	0,265	0,005	0,010	0,243	FALSE
-0,090	0,279	-0,005	0,014	0,140	FALSE
-0,071	0,276	-0,002	0,013	0,063	FALSE
0,149	0,292	0,006	0,010	0,303	FALSE
0,138	0,283	0,006	0,009	0,299	FALSE
0,095	0,289	0,006	0,010	0,244	FALSE
0,157	0,306	0,006	0,010	0,296	FALSE
0,008	0,290	-0,001	0,015	0,020	FALSE
-0,021	0,295	0,001	0,008	0,048	FALSE
0,069	0,282	0,002	0,010	0,085	FALSE
0,097	0,286	0,002	0,010	0,085	FALSE
-0,143	0,281	-0,005	0,010	0,221	FALSE
0,062	0,291	0,003	0,009	0,119	FALSE
-0,115	0,286	-0,004	0,012	0,120	FALSE
-0,141	0,293	-0,005	0,012	0,157	FALSE
-0,063	0,294	-0,001	0,014	0,024	FALSE
-0,172	0,270	-0,006	0,012	0,240	FALSE
-0,141	0,270	-0,002	0,008	0,115	FALSE
0,004	0,272	0,002	0,011	0,055	FALSE
0,074	0,296	0,000	0,010	0,013	FALSE
-0,076	0,289	0,000	0,011	0,011	FALSE
-0,084	0,274	-0,001	0,008	0,058	FALSE
-0,003	0,287	-0,001	0,013	0,034	FALSE
0,019	0,294	-0,001	0,012	0,033	FALSE

0,063	0,276	0,001	0,008	0,043	FALSE
0,006	0,282	-0,002	0,014	0,038	FALSE
-0,007	0,286	-0,001	0,011	0,024	FALSE
0,005	0,286	0,001	0,008	0,065	FALSE
0,019	0,288	0,002	0,008	0,086	FALSE
-0,029	0,274	0,000	0,013	0,005	FALSE
-0,028	0,286	-0,001	0,009	0,041	FALSE
0,014	0,274	0,001	0,011	0,023	FALSE
-0,037	0,279	-0,002	0,010	0,077	FALSE
0,025	0,289	0,001	0,010	0,029	FALSE
0,081	0,295	0,003	0,008	0,122	FALSE
0,159	0,284	0,008	0,013	0,278	FALSE
0,084	0,269	0,005	0,012	0,157	FALSE
-0,075	0,287	-0,002	0,008	0,110	FALSE
-0,051	0,301	-0,003	0,013	0,075	FALSE
0,067	0,292	0,003	0,012	0,093	FALSE
-0,116	0,290	-0,004	0,012	0,143	FALSE
-0,001	0,299	-0,001	0,007	0,038	FALSE
-0,038	0,290	-0,002	0,012	0,055	FALSE
0,004	0,300	-0,002	0,010	0,076	FALSE
-0,070	0,288	-0,001	0,008	0,051	FALSE
0,043	0,294	0,002	0,010	0,058	FALSE
0,050	0,273	0,000	0,010	0,008	FALSE
-0,084	0,281	-0,005	0,011	0,165	FALSE
-0,152	0,275	-0,004	0,010	0,188	FALSE
0,004	0,284	0,000	0,007	0,019	FALSE
0,011	0,298	0,001	0,011	0,039	FALSE
-0,004	0,286	0,000	0,008	0,006	FALSE
0,129	0,275	0,004	0,010	0,180	FALSE
0,040	0,283	0,001	0,009	0,053	FALSE
0,102	0,296	0,003	0,014	0,088	FALSE
0,031	0,301	0,000	0,015	0,004	FALSE
0,017	0,298	0,001	0,012	0,019	FALSE
-0,111	0,295	-0,003	0,010	0,136	FALSE
-0,026	0,287	-0,002	0,011	0,058	FALSE
-0,087	0,277	-0,003	0,010	0,122	FALSE
-0,150	0,284	-0,004	0,011	0,167	FALSE
0,174	0,279	0,004	0,009	0,167	FALSE
0,156	0,286	0,004	0,010	0,156	FALSE
0,007	0,302	0,000	0,009	0,010	FALSE
0,043	0,283	0,001	0,010	0,033	FALSE
0,049	0,291	0,000	0,008	0,017	FALSE
-0,146	0,290	-0,006	0,013	0,199	FALSE
-0,073	0,298	-0,007	0,015	0,180	FALSE
-0,024	0,272	0,001	0,008	0,035	FALSE
0,080	0,282	0,004	0,014	0,121	FALSE
0,103	0,289	0,002	0,009	0,105	FALSE
0,020	0,281	0,000	0,014	0,010	FALSE
0,116	0,293	0,002	0,010	0,096	FALSE
-0,005	0,302	-0,002	0,011	0,078	FALSE
0,002	0,292	0,000	0,010	0,017	FALSE
-0,009	0,282	-0,001	0,009	0,054	FALSE
0,199	0,280	0,007	0,011	0,264	FALSE

-0,090	0,276	-0,001	0,008	0,057	FALSE
0,128	0,285	0,005	0,014	0,136	FALSE
-0,017	0,300	-0,001	0,008	0,024	FALSE
-0,017	0,274	-0,001	0,008	0,034	FALSE
-0,033	0,285	0,001	0,013	0,017	FALSE
0,118	0,267	0,007	0,011	0,263	FALSE
0,132	0,290	0,006	0,014	0,167	FALSE
0,010	0,293	0,001	0,014	0,021	FALSE
-0,108	0,286	-0,004	0,015	0,096	FALSE
0,039	0,289	0,002	0,012	0,067	FALSE
0,106	0,293	0,002	0,008	0,107	FALSE
0,111	0,280	0,002	0,007	0,108	FALSE
0,088	0,292	0,002	0,007	0,085	FALSE
0,093	0,290	0,002	0,007	0,099	FALSE
-0,063	0,284	0,000	0,010	0,012	FALSE
-0,071	0,292	0,000	0,008	0,019	FALSE
-0,093	0,273	-0,004	0,009	0,190	FALSE
-0,075	0,267	-0,001	0,012	0,039	FALSE
0,027	0,293	0,000	0,015	0,006	FALSE
-0,150	0,282	-0,005	0,012	0,178	FALSE
0,027	0,284	0,001	0,008	0,069	FALSE
-0,150	0,285	-0,005	0,011	0,185	FALSE
-0,160	0,292	-0,005	0,012	0,190	FALSE
-0,170	0,287	-0,006	0,012	0,196	FALSE
0,139	0,297	0,003	0,008	0,144	FALSE
0,091	0,292	0,006	0,014	0,187	FALSE
0,018	0,289	0,002	0,009	0,072	FALSE
0,005	0,294	0,000	0,011	0,009	FALSE
0,004	0,294	0,000	0,012	0,014	FALSE
0,036	0,279	0,001	0,008	0,072	FALSE
0,174	0,275	0,003	0,009	0,139	FALSE
0,044	0,289	0,000	0,008	0,013	FALSE
0,039	0,296	0,002	0,008	0,089	FALSE
-0,061	0,298	-0,001	0,007	0,034	FALSE
0,056	0,269	0,005	0,013	0,150	FALSE
0,158	0,272	0,003	0,008	0,157	FALSE
-0,066	0,298	-0,001	0,012	0,040	FALSE
-0,082	0,280	-0,002	0,008	0,097	FALSE
-0,162	0,284	-0,006	0,012	0,205	FALSE
-0,096	0,283	-0,002	0,008	0,123	FALSE
0,117	0,282	0,004	0,014	0,120	FALSE
0,054	0,262	0,001	0,013	0,042	FALSE
-0,097	0,277	-0,003	0,010	0,112	FALSE
-0,100	0,275	-0,003	0,010	0,124	FALSE
0,020	0,292	0,000	0,012	0,004	FALSE
-0,075	0,278	-0,003	0,009	0,126	FALSE
0,029	0,269	0,000	0,008	0,002	FALSE
-0,244	0,260	-0,007	0,010	0,321	FALSE
0,141	0,279	0,005	0,013	0,172	FALSE
-0,047	0,297	-0,001	0,015	0,026	FALSE
-0,050	0,288	-0,003	0,014	0,073	FALSE
0,048	0,299	0,003	0,013	0,080	FALSE
0,151	0,282	0,006	0,012	0,191	FALSE

-0,002	0,275	0,000	0,010	0,001	FALSE
0,098	0,295	0,002	0,010	0,062	FALSE
-0,077	0,277	-0,002	0,010	0,063	FALSE
0,028	0,283	0,002	0,014	0,043	FALSE
0,002	0,286	0,001	0,012	0,026	FALSE
-0,152	0,287	-0,004	0,009	0,165	FALSE
0,049	0,300	0,001	0,008	0,069	FALSE
-0,030	0,286	-0,001	0,010	0,048	FALSE
0,051	0,295	0,003	0,011	0,125	FALSE
-0,097	0,291	-0,004	0,010	0,165	FALSE
0,078	0,276	0,004	0,011	0,165	FALSE
0,039	0,289	-0,001	0,015	0,022	FALSE
0,110	0,295	0,005	0,012	0,159	FALSE
0,086	0,275	0,005	0,011	0,174	FALSE
-0,014	0,281	-0,001	0,008	0,053	FALSE
-0,026	0,269	0,000	0,009	0,018	FALSE
0,116	0,287	0,006	0,012	0,220	FALSE
0,049	0,290	0,004	0,011	0,150	FALSE
0,062	0,280	0,005	0,011	0,202	FALSE
0,153	0,286	0,007	0,013	0,244	FALSE
0,141	0,297	0,007	0,014	0,222	FALSE
-0,084	0,271	-0,004	0,013	0,143	FALSE
-0,096	0,288	-0,002	0,008	0,109	FALSE
0,103	0,293	0,003	0,007	0,153	FALSE
-0,019	0,280	-0,001	0,010	0,022	FALSE
-0,099	0,299	-0,006	0,014	0,158	FALSE
-0,069	0,287	-0,004	0,014	0,116	FALSE
-0,014	0,281	-0,001	0,012	0,038	FALSE
0,017	0,289	0,000	0,009	0,005	FALSE
-0,057	0,293	-0,002	0,014	0,063	FALSE
0,160	0,279	0,006	0,015	0,148	FALSE
0,125	0,277	0,002	0,008	0,127	FALSE
0,151	0,276	0,006	0,014	0,185	FALSE
-0,039	0,289	-0,003	0,011	0,114	FALSE
-0,068	0,291	-0,003	0,014	0,077	FALSE
0,118	0,278	0,003	0,007	0,153	FALSE
0,012	0,279	0,000	0,011	0,005	FALSE
0,056	0,285	0,001	0,012	0,044	FALSE
0,005	0,278	-0,002	0,015	0,053	FALSE
-0,066	0,280	-0,002	0,011	0,060	FALSE
-0,048	0,292	0,000	0,010	0,008	FALSE
0,092	0,289	0,004	0,011	0,147	FALSE
0,053	0,284	0,003	0,012	0,105	FALSE
0,029	0,290	0,002	0,009	0,071	FALSE
0,054	0,288	-0,001	0,009	0,047	FALSE
0,084	0,285	0,002	0,007	0,084	FALSE
0,118	0,268	0,004	0,009	0,157	FALSE
-0,029	0,281	-0,001	0,008	0,044	FALSE
0,056	0,278	0,002	0,009	0,093	FALSE
-0,032	0,295	0,000	0,008	0,022	FALSE
-0,065	0,286	-0,003	0,012	0,116	FALSE
-0,036	0,287	-0,001	0,010	0,034	FALSE
-0,010	0,286	0,000	0,012	0,005	FALSE

0,030	0,304	-0,002	0,014	0,049	FALSE
-0,210	0,286	-0,009	0,011	0,356	FALSE
0,078	0,275	0,001	0,008	0,063	FALSE
0,023	0,270	0,001	0,015	0,024	FALSE
0,110	0,283	0,005	0,014	0,154	FALSE
0,021	0,287	0,000	0,010	0,004	FALSE
0,043	0,293	0,001	0,012	0,030	FALSE
0,037	0,291	0,000	0,010	0,004	FALSE
-0,181	0,283	-0,007	0,015	0,202	FALSE
0,185	0,283	0,005	0,008	0,271	FALSE
-0,005	0,281	-0,001	0,008	0,046	FALSE
0,018	0,296	-0,001	0,015	0,032	FALSE
0,045	0,296	0,003	0,010	0,102	FALSE
-0,137	0,286	-0,004	0,010	0,149	FALSE
-0,050	0,288	0,000	0,009	0,015	FALSE
-0,034	0,298	0,000	0,009	0,002	FALSE
-0,003	0,304	-0,001	0,013	0,039	FALSE
-0,176	0,275	-0,006	0,014	0,177	FALSE
-0,049	0,278	-0,002	0,009	0,078	FALSE
0,154	0,282	0,003	0,007	0,137	FALSE
0,137	0,289	0,003	0,009	0,157	FALSE
-0,037	0,291	0,000	0,008	0,021	FALSE
-0,062	0,296	-0,005	0,014	0,143	FALSE
-0,042	0,295	-0,004	0,014	0,115	FALSE
0,012	0,289	0,001	0,014	0,027	FALSE
-0,081	0,283	-0,005	0,013	0,133	FALSE
-0,099	0,283	-0,005	0,011	0,180	FALSE
-0,037	0,290	-0,004	0,012	0,115	FALSE
-0,018	0,305	0,000	0,009	0,018	FALSE
-0,030	0,283	-0,002	0,009	0,063	FALSE
0,139	0,306	0,005	0,009	0,227	FALSE
0,098	0,288	0,002	0,010	0,058	FALSE
0,200	0,275	0,005	0,010	0,243	FALSE
-0,086	0,278	-0,004	0,011	0,149	FALSE
0,011	0,286	0,000	0,010	0,016	FALSE
-0,080	0,292	-0,001	0,012	0,035	FALSE
0,115	0,280	0,004	0,014	0,120	FALSE
-0,251	0,291	-0,007	0,011	0,289	FALSE
-0,083	0,270	-0,004	0,012	0,146	FALSE
-0,012	0,282	-0,001	0,012	0,019	FALSE
-0,081	0,282	-0,004	0,011	0,130	FALSE
0,047	0,279	0,003	0,009	0,143	FALSE
0,015	0,285	0,000	0,015	0,002	FALSE
-0,193	0,296	-0,009	0,013	0,318	FALSE
0,000	0,282	0,001	0,010	0,020	FALSE
0,083	0,274	0,001	0,007	0,068	FALSE
0,080	0,273	0,001	0,010	0,046	FALSE
0,205	0,294	0,010	0,015	0,289	FALSE
-0,058	0,286	-0,002	0,009	0,095	FALSE
-0,090	0,279	-0,003	0,007	0,151	FALSE
0,033	0,288	0,000	0,014	0,010	FALSE
-0,054	0,293	-0,001	0,011	0,018	FALSE
0,072	0,273	0,003	0,015	0,069	FALSE

-0,061	0,276	-0,002	0,011	0,079	FALSE
-0,090	0,264	-0,003	0,015	0,090	FALSE
0,134	0,282	0,003	0,009	0,106	FALSE
-0,020	0,292	0,000	0,012	0,013	FALSE
-0,027	0,281	0,000	0,014	0,001	FALSE
-0,063	0,281	-0,002	0,011	0,050	FALSE
0,011	0,270	0,000	0,010	0,012	FALSE
0,022	0,296	0,003	0,015	0,088	FALSE
-0,095	0,285	-0,002	0,009	0,099	FALSE
0,004	0,277	-0,002	0,012	0,048	FALSE
0,041	0,293	0,003	0,015	0,086	FALSE
0,104	0,283	0,006	0,014	0,164	FALSE
0,045	0,286	0,002	0,015	0,063	FALSE
0,066	0,284	0,002	0,010	0,067	FALSE
0,020	0,290	0,001	0,008	0,033	FALSE
0,188	0,271	0,004	0,008	0,237	FALSE
0,112	0,292	0,002	0,013	0,065	FALSE
-0,014	0,293	0,000	0,015	0,007	FALSE
0,110	0,276	0,002	0,007	0,125	FALSE
0,036	0,286	0,001	0,009	0,044	FALSE
0,031	0,294	0,002	0,009	0,074	FALSE
-0,029	0,284	0,000	0,007	0,000	FALSE
-0,083	0,274	-0,003	0,009	0,151	FALSE
-0,077	0,305	-0,003	0,009	0,150	FALSE
-0,066	0,281	-0,003	0,008	0,159	FALSE
-0,008	0,298	-0,001	0,015	0,014	FALSE
0,001	0,281	0,000	0,008	0,010	FALSE
0,201	0,278	0,003	0,009	0,132	FALSE
-0,086	0,284	-0,001	0,009	0,056	FALSE
-0,230	0,276	-0,007	0,010	0,296	FALSE
-0,079	0,289	-0,005	0,015	0,129	FALSE
0,046	0,284	0,004	0,009	0,166	FALSE
-0,043	0,281	-0,001	0,013	0,035	FALSE
-0,060	0,272	-0,002	0,009	0,100	FALSE
-0,150	0,273	-0,004	0,013	0,111	FALSE
-0,217	0,278	-0,009	0,012	0,372	FALSE
0,091	0,269	0,001	0,009	0,030	FALSE
-0,057	0,286	-0,002	0,010	0,089	FALSE
0,010	0,313	-0,001	0,010	0,030	FALSE
0,169	0,270	0,006	0,011	0,237	FALSE
0,015	0,299	0,002	0,008	0,076	FALSE
0,124	0,286	0,004	0,009	0,166	FALSE
0,081	0,288	0,001	0,008	0,054	FALSE
0,093	0,290	0,003	0,011	0,099	FALSE
0,067	0,261	0,001	0,008	0,039	FALSE
0,053	0,284	-0,001	0,012	0,018	FALSE
0,078	0,275	0,002	0,014	0,060	FALSE
0,121	0,272	0,005	0,013	0,154	FALSE
-0,076	0,287	-0,003	0,009	0,122	FALSE
0,189	0,274	0,006	0,014	0,200	FALSE
0,001	0,288	0,000	0,009	0,009	FALSE
0,074	0,280	-0,001	0,015	0,014	FALSE
0,042	0,281	0,000	0,012	0,005	FALSE

0,135	0,296	0,005	0,013	0,146	FALSE
0,130	0,291	0,004	0,013	0,133	FALSE
0,054	0,288	0,002	0,009	0,068	FALSE
0,126	0,294	0,003	0,009	0,123	FALSE
0,001	0,285	-0,002	0,008	0,104	FALSE
0,171	0,271	0,006	0,011	0,215	FALSE
-0,011	0,269	0,000	0,007	0,015	FALSE
0,012	0,288	-0,002	0,012	0,052	FALSE
0,060	0,309	0,001	0,009	0,049	FALSE
0,135	0,303	0,006	0,015	0,176	FALSE
-0,114	0,281	-0,005	0,015	0,134	FALSE
-0,041	0,295	-0,001	0,008	0,041	FALSE
-0,235	0,280	-0,008	0,010	0,375	FALSE
0,021	0,282	0,001	0,014	0,015	FALSE
-0,089	0,285	-0,002	0,012	0,057	FALSE
0,049	0,297	0,001	0,009	0,033	FALSE
-0,001	0,278	0,000	0,008	0,021	FALSE
0,022	0,287	0,002	0,014	0,063	FALSE
0,033	0,272	0,002	0,012	0,049	FALSE
-0,062	0,306	-0,002	0,014	0,048	FALSE
0,109	0,273	0,003	0,012	0,096	FALSE
0,186	0,281	0,005	0,010	0,196	FALSE
0,065	0,283	0,000	0,008	0,016	FALSE
-0,171	0,286	-0,008	0,014	0,255	FALSE
-0,084	0,282	-0,002	0,011	0,085	FALSE
-0,172	0,287	-0,005	0,010	0,217	FALSE
-0,041	0,284	0,000	0,008	0,018	FALSE
-0,087	0,273	-0,002	0,010	0,086	FALSE
0,047	0,294	-0,001	0,010	0,030	FALSE
-0,056	0,271	-0,002	0,013	0,061	FALSE
0,067	0,296	0,004	0,014	0,114	FALSE
0,120	0,284	0,004	0,010	0,142	FALSE
-0,138	0,275	-0,003	0,008	0,152	FALSE
-0,045	0,301	-0,002	0,015	0,049	FALSE
-0,015	0,299	-0,001	0,014	0,025	FALSE
0,106	0,286	0,003	0,011	0,126	FALSE
0,077	0,286	0,000	0,013	0,002	FALSE
0,173	0,280	0,005	0,012	0,147	FALSE
0,171	0,277	0,005	0,015	0,147	FALSE
-0,028	0,283	-0,002	0,010	0,072	FALSE
0,010	0,275	-0,001	0,009	0,044	FALSE
0,260	0,280	0,010	0,012	0,375	FALSE
0,130	0,282	0,003	0,008	0,131	FALSE
0,107	0,292	0,004	0,014	0,100	FALSE
0,103	0,299	0,004	0,011	0,135	FALSE
0,029	0,280	0,000	0,008	0,014	FALSE
0,005	0,277	0,000	0,014	0,003	FALSE
0,007	0,282	-0,001	0,008	0,036	FALSE
-0,085	0,279	-0,003	0,015	0,086	FALSE
-0,143	0,264	-0,003	0,007	0,141	FALSE
-0,133	0,283	-0,003	0,012	0,085	FALSE
-0,110	0,315	-0,005	0,013	0,149	FALSE
0,161	0,276	0,004	0,009	0,158	FALSE

-0,035	0,292	0,000	0,010	0,011	FALSE
-0,009	0,289	0,000	0,008	0,012	FALSE
0,014	0,285	0,002	0,014	0,061	FALSE
-0,026	0,292	-0,003	0,013	0,072	FALSE
-0,013	0,291	-0,002	0,014	0,048	FALSE
-0,042	0,285	-0,002	0,012	0,062	FALSE
-0,023	0,280	0,000	0,013	0,007	FALSE
0,083	0,284	0,004	0,008	0,185	FALSE
-0,092	0,286	-0,003	0,008	0,137	FALSE
0,023	0,299	0,001	0,014	0,013	FALSE
0,089	0,273	0,001	0,011	0,049	FALSE
-0,121	0,282	-0,003	0,010	0,136	FALSE
-0,073	0,277	-0,002	0,009	0,069	FALSE
0,114	0,282	0,002	0,008	0,088	FALSE
-0,097	0,277	-0,004	0,009	0,179	FALSE
-0,073	0,281	-0,003	0,008	0,145	FALSE
-0,044	0,283	-0,003	0,011	0,093	FALSE
-0,076	0,275	-0,004	0,013	0,110	FALSE
0,011	0,302	0,001	0,013	0,021	FALSE
-0,099	0,275	-0,003	0,009	0,148	FALSE
-0,091	0,288	-0,003	0,009	0,153	FALSE
-0,077	0,295	-0,003	0,010	0,102	FALSE
-0,208	0,279	-0,005	0,007	0,314	FALSE
0,062	0,289	0,001	0,008	0,071	FALSE
-0,186	0,280	-0,006	0,010	0,261	FALSE
0,002	0,287	0,000	0,015	0,000	FALSE
-0,015	0,288	-0,001	0,010	0,020	FALSE
-0,012	0,291	-0,001	0,013	0,040	FALSE
0,112	0,274	0,002	0,014	0,051	FALSE
0,019	0,273	0,000	0,008	0,021	FALSE
0,100	0,287	0,002	0,013	0,062	FALSE
0,127	0,277	0,008	0,014	0,240	FALSE
0,055	0,280	0,003	0,012	0,092	FALSE
-0,054	0,299	-0,002	0,009	0,086	FALSE
0,131	0,290	0,008	0,015	0,214	FALSE
0,026	0,294	0,001	0,007	0,029	FALSE
-0,030	0,273	0,001	0,012	0,039	FALSE
-0,122	0,269	-0,003	0,009	0,110	FALSE
0,083	0,294	0,001	0,013	0,034	FALSE
-0,003	0,296	0,001	0,015	0,018	FALSE
0,012	0,299	0,001	0,016	0,028	FALSE
-0,108	0,300	-0,004	0,013	0,104	FALSE
-0,056	0,280	0,001	0,008	0,034	FALSE
-0,020	0,303	-0,001	0,015	0,031	FALSE
-0,032	0,297	-0,002	0,015	0,043	FALSE
0,020	0,300	0,001	0,015	0,033	FALSE
0,012	0,302	0,001	0,015	0,016	FALSE
-0,001	0,300	0,000	0,015	0,001	FALSE
-0,097	0,299	-0,005	0,015	0,138	FALSE
-0,013	0,297	-0,001	0,014	0,015	FALSE
0,015	0,294	0,000	0,013	0,010	FALSE
-0,001	0,302	0,000	0,015	0,011	FALSE
0,005	0,293	0,000	0,014	0,001	FALSE

-0,034	0,298	-0,002	0,015	0,053	FALSE
-0,009	0,297	0,000	0,015	0,009	FALSE
-0,125	0,283	-0,004	0,015	0,101	FALSE
0,186	0,276	0,006	0,014	0,179	FALSE
-0,164	0,280	-0,003	0,007	0,152	FALSE
0,104	0,277	0,001	0,009	0,046	FALSE
0,254	0,256	0,004	0,009	0,211	FALSE
0,076	0,288	0,004	0,014	0,097	FALSE
0,074	0,287	0,002	0,007	0,129	FALSE
-0,008	0,281	-0,002	0,009	0,085	FALSE
0,146	0,282	0,003	0,009	0,151	FALSE
0,139	0,282	0,003	0,011	0,109	FALSE
0,087	0,279	0,002	0,009	0,105	FALSE
-0,010	0,298	0,001	0,014	0,026	FALSE
0,052	0,291	0,001	0,008	0,031	FALSE
0,098	0,281	0,002	0,010	0,085	FALSE
0,031	0,284	0,002	0,011	0,068	FALSE
-0,105	0,286	-0,001	0,009	0,059	FALSE
-0,041	0,288	-0,002	0,008	0,114	FALSE
-0,007	0,288	0,002	0,010	0,056	FALSE
-0,044	0,280	-0,002	0,008	0,071	FALSE
-0,010	0,274	-0,001	0,009	0,025	FALSE
0,038	0,296	0,001	0,011	0,037	FALSE
-0,150	0,280	-0,004	0,015	0,105	FALSE
0,063	0,274	0,003	0,009	0,149	FALSE
0,046	0,275	-0,001	0,013	0,027	FALSE
-0,009	0,281	0,000	0,008	0,004	FALSE
-0,107	0,279	-0,003	0,010	0,117	FALSE
-0,059	0,288	-0,001	0,009	0,057	FALSE
0,102	0,287	0,002	0,008	0,104	FALSE
-0,113	0,282	-0,002	0,009	0,104	FALSE
0,035	0,290	0,000	0,008	0,020	FALSE
-0,086	0,271	-0,002	0,009	0,080	FALSE
0,076	0,290	0,004	0,008	0,184	FALSE
-0,127	0,276	-0,002	0,009	0,094	FALSE
-0,021	0,289	-0,001	0,007	0,048	FALSE
-0,057	0,285	-0,004	0,012	0,143	FALSE
-0,045	0,278	-0,001	0,009	0,052	FALSE
-0,014	0,286	-0,001	0,011	0,032	FALSE
-0,038	0,286	-0,001	0,008	0,052	FALSE
0,088	0,297	0,004	0,014	0,101	FALSE
0,103	0,279	0,004	0,014	0,123	FALSE
-0,033	0,270	-0,002	0,014	0,047	FALSE
0,001	0,272	-0,001	0,014	0,019	FALSE
-0,143	0,267	-0,003	0,007	0,159	FALSE
0,085	0,291	0,003	0,015	0,071	FALSE
0,043	0,297	0,001	0,010	0,042	FALSE
-0,014	0,282	0,000	0,010	0,012	FALSE
-0,002	0,301	-0,001	0,007	0,042	FALSE
0,026	0,282	0,000	0,012	0,015	FALSE
0,067	0,273	0,005	0,014	0,141	FALSE
-0,160	0,290	-0,007	0,012	0,249	FALSE
0,038	0,294	0,000	0,011	0,001	FALSE

0,057	0,278	0,001	0,011	0,035	FALSE
0,017	0,289	0,002	0,008	0,110	FALSE
0,030	0,298	0,001	0,010	0,043	FALSE
0,016	0,279	0,000	0,008	0,012	FALSE
-0,089	0,277	0,000	0,012	0,011	FALSE
-0,070	0,288	0,000	0,011	0,003	FALSE
-0,121	0,274	-0,003	0,008	0,129	FALSE
0,165	0,279	0,006	0,015	0,155	FALSE
-0,062	0,285	-0,002	0,008	0,098	FALSE
-0,084	0,287	-0,001	0,008	0,039	FALSE
-0,184	0,275	-0,006	0,010	0,262	FALSE
-0,001	0,265	-0,002	0,011	0,081	FALSE
-0,107	0,287	-0,005	0,013	0,143	FALSE
0,201	0,273	0,010	0,015	0,288	FALSE
-0,038	0,282	-0,003	0,012	0,081	FALSE
-0,054	0,299	-0,002	0,012	0,074	FALSE
-0,062	0,291	-0,003	0,014	0,089	FALSE
-0,084	0,290	-0,004	0,011	0,131	FALSE
-0,124	0,282	-0,008	0,012	0,296	FALSE
-0,108	0,276	-0,008	0,012	0,276	FALSE
0,073	0,282	0,006	0,014	0,163	FALSE
-0,066	0,281	-0,004	0,012	0,132	FALSE
-0,044	0,290	0,002	0,010	0,076	FALSE
-0,064	0,285	-0,002	0,009	0,063	FALSE
-0,050	0,284	-0,001	0,009	0,050	FALSE
0,096	0,294	0,002	0,009	0,083	FALSE
0,151	0,284	0,006	0,015	0,161	FALSE
0,189	0,280	0,008	0,014	0,270	FALSE
0,092	0,285	0,002	0,010	0,086	FALSE
-0,084	0,275	-0,002	0,007	0,101	FALSE
0,010	0,280	0,000	0,015	0,001	FALSE
-0,071	0,304	-0,004	0,014	0,128	FALSE
0,055	0,307	0,002	0,015	0,047	FALSE
0,057	0,287	0,002	0,014	0,061	FALSE
-0,224	0,281	-0,005	0,008	0,312	FALSE
-0,149	0,281	-0,003	0,010	0,127	FALSE
0,099	0,287	0,003	0,010	0,105	FALSE
0,100	0,275	0,001	0,011	0,039	FALSE
-0,246	0,278	-0,007	0,009	0,342	FALSE
-0,147	0,292	-0,005	0,009	0,220	FALSE
-0,101	0,284	-0,005	0,015	0,128	FALSE
-0,130	0,292	-0,005	0,015	0,130	FALSE
0,123	0,286	0,003	0,008	0,174	FALSE
0,041	0,286	0,003	0,012	0,083	FALSE
0,114	0,281	0,004	0,014	0,117	FALSE
-0,083	0,282	-0,003	0,012	0,115	FALSE
0,118	0,297	0,003	0,009	0,143	FALSE
-0,080	0,289	-0,001	0,009	0,034	FALSE
0,070	0,285	0,002	0,010	0,083	FALSE
0,027	0,293	0,000	0,012	0,005	FALSE
0,157	0,268	0,004	0,011	0,129	FALSE
-0,204	0,279	-0,006	0,009	0,280	FALSE
-0,090	0,294	-0,004	0,014	0,125	FALSE

-0,005	0,287	-0,002	0,010	0,057	FALSE
-0,030	0,286	-0,002	0,011	0,071	FALSE
-0,036	0,292	-0,003	0,015	0,090	FALSE
-0,143	0,278	-0,004	0,008	0,179	FALSE
-0,034	0,278	-0,001	0,011	0,049	FALSE
0,058	0,294	0,004	0,011	0,147	FALSE
0,195	0,278	0,007	0,013	0,223	FALSE
-0,121	0,289	-0,004	0,008	0,207	FALSE
0,149	0,285	0,008	0,014	0,230	FALSE
0,049	0,289	0,000	0,007	0,002	FALSE
0,205	0,272	0,008	0,013	0,282	FALSE
0,028	0,288	0,002	0,011	0,075	FALSE
0,063	0,294	0,004	0,012	0,127	FALSE
-0,068	0,289	-0,003	0,010	0,121	FALSE
0,084	0,292	0,003	0,012	0,095	FALSE
0,077	0,287	0,001	0,009	0,049	FALSE
-0,108	0,279	-0,003	0,008	0,154	FALSE
-0,094	0,272	-0,004	0,011	0,164	FALSE
0,144	0,281	0,008	0,014	0,224	FALSE
-0,055	0,285	-0,003	0,015	0,080	FALSE
0,002	0,279	0,000	0,009	0,015	FALSE
0,010	0,287	0,001	0,007	0,033	FALSE
0,044	0,285	0,002	0,015	0,039	FALSE
-0,134	0,281	-0,008	0,014	0,236	FALSE
0,287	0,264	0,011	0,012	0,453	FALSE
-0,065	0,291	-0,005	0,014	0,147	FALSE
0,206	0,291	0,004	0,007	0,284	FALSE
-0,138	0,282	-0,009	0,013	0,302	FALSE
-0,160	0,287	-0,009	0,015	0,254	FALSE
0,119	0,295	0,005	0,012	0,160	FALSE
0,076	0,276	0,003	0,012	0,102	FALSE
0,069	0,292	0,003	0,014	0,089	FALSE
-0,025	0,286	0,000	0,012	0,001	FALSE
-0,002	0,289	0,002	0,013	0,047	FALSE
-0,057	0,302	-0,003	0,015	0,086	FALSE
-0,047	0,297	-0,002	0,014	0,044	FALSE
-0,113	0,276	-0,002	0,008	0,098	FALSE
0,014	0,284	0,000	0,008	0,008	FALSE
-0,075	0,260	-0,003	0,010	0,132	FALSE
0,041	0,286	0,002	0,014	0,057	FALSE
0,001	0,290	-0,002	0,010	0,073	FALSE
-0,009	0,293	-0,002	0,014	0,060	FALSE
0,038	0,293	0,004	0,010	0,158	FALSE
0,017	0,279	0,001	0,014	0,031	FALSE
-0,135	0,288	-0,002	0,008	0,104	FALSE
0,090	0,282	0,004	0,011	0,138	FALSE
-0,032	0,282	-0,001	0,010	0,022	FALSE
-0,110	0,277	-0,005	0,013	0,162	FALSE
-0,129	0,290	-0,005	0,011	0,201	FALSE
-0,040	0,287	-0,001	0,007	0,070	FALSE
-0,043	0,297	0,000	0,011	0,007	FALSE
-0,040	0,285	0,000	0,014	0,008	FALSE
-0,009	0,293	-0,001	0,009	0,036	FALSE

-0,038	0,280	0,000	0,014	0,000	FALSE
0,070	0,289	0,002	0,015	0,041	FALSE
0,083	0,284	0,006	0,015	0,163	FALSE
-0,138	0,287	-0,004	0,010	0,141	FALSE
0,046	0,301	0,001	0,008	0,055	FALSE
0,129	0,273	0,001	0,007	0,054	FALSE
-0,061	0,296	0,000	0,008	0,017	FALSE
0,095	0,279	0,004	0,012	0,138	FALSE
0,110	0,270	0,004	0,013	0,128	FALSE
0,111	0,285	0,002	0,008	0,113	FALSE
0,130	0,282	0,006	0,014	0,175	FALSE
0,102	0,281	0,004	0,014	0,104	FALSE
-0,039	0,292	0,000	0,015	0,008	FALSE
0,075	0,270	0,000	0,010	0,011	FALSE
-0,022	0,271	-0,002	0,010	0,077	FALSE
-0,012	0,277	-0,002	0,011	0,077	FALSE
-0,093	0,276	-0,003	0,008	0,146	FALSE
-0,062	0,288	-0,002	0,013	0,051	FALSE
-0,093	0,275	-0,005	0,011	0,176	FALSE
-0,116	0,292	-0,004	0,013	0,132	FALSE
0,085	0,269	-0,002	0,014	0,065	FALSE
0,029	0,288	-0,001	0,015	0,027	FALSE
0,039	0,292	0,000	0,011	0,009	FALSE
0,021	0,285	0,001	0,011	0,020	FALSE
0,004	0,283	0,001	0,007	0,054	FALSE
0,014	0,282	0,001	0,008	0,073	FALSE
0,014	0,281	0,002	0,012	0,054	FALSE
0,127	0,295	0,006	0,014	0,161	FALSE
0,169	0,281	0,007	0,014	0,222	FALSE
0,099	0,298	0,002	0,013	0,062	FALSE
-0,009	0,276	-0,001	0,009	0,020	FALSE
-0,055	0,299	-0,003	0,011	0,114	FALSE
0,164	0,290	0,005	0,009	0,223	FALSE
0,000	0,289	-0,001	0,011	0,041	FALSE
0,112	0,282	0,001	0,008	0,063	FALSE
-0,036	0,301	0,000	0,008	0,006	FALSE
-0,027	0,286	0,001	0,014	0,036	FALSE
-0,046	0,289	-0,001	0,013	0,035	FALSE
-0,051	0,294	-0,001	0,009	0,035	FALSE
-0,020	0,301	0,000	0,009	0,013	FALSE
0,075	0,286	0,002	0,013	0,053	FALSE
0,010	0,287	0,001	0,008	0,026	FALSE
0,116	0,266	0,004	0,014	0,095	FALSE
0,056	0,287	0,005	0,014	0,129	FALSE
0,164	0,279	0,006	0,012	0,210	FALSE
0,048	0,289	0,001	0,014	0,013	FALSE
0,089	0,278	0,002	0,014	0,054	FALSE
-0,100	0,270	-0,001	0,012	0,045	FALSE
-0,159	0,285	-0,004	0,008	0,176	FALSE
-0,030	0,279	0,000	0,008	0,013	FALSE
0,028	0,299	0,001	0,013	0,038	FALSE
-0,099	0,281	-0,003	0,009	0,110	FALSE
0,043	0,278	0,002	0,014	0,041	FALSE

-0,201	0,282	-0,005	0,011	0,182	FALSE
-0,148	0,276	-0,002	0,008	0,091	FALSE
-0,153	0,284	-0,003	0,009	0,132	FALSE
0,077	0,285	0,003	0,015	0,068	FALSE
-0,008	0,294	-0,001	0,014	0,016	FALSE
0,072	0,273	0,001	0,011	0,021	FALSE
0,087	0,284	0,002	0,013	0,058	FALSE
0,015	0,284	0,001	0,011	0,018	FALSE
-0,093	0,293	-0,002	0,008	0,116	FALSE
0,034	0,275	0,000	0,013	0,003	FALSE
0,038	0,292	0,002	0,008	0,084	FALSE
-0,045	0,283	-0,003	0,012	0,095	FALSE
0,081	0,293	0,002	0,014	0,054	FALSE
-0,040	0,286	-0,001	0,011	0,027	FALSE
0,004	0,294	0,000	0,015	0,007	FALSE
0,058	0,286	0,002	0,014	0,059	FALSE
-0,111	0,279	-0,005	0,015	0,127	FALSE
0,096	0,280	0,000	0,010	0,005	FALSE
0,018	0,300	0,001	0,007	0,072	FALSE
-0,238	0,269	-0,006	0,010	0,253	FALSE
0,057	0,287	0,003	0,009	0,127	FALSE
0,024	0,284	0,001	0,008	0,035	FALSE
0,072	0,285	0,002	0,007	0,078	FALSE
0,104	0,270	0,003	0,009	0,154	FALSE
-0,067	0,289	-0,002	0,012	0,071	FALSE
-0,129	0,267	-0,006	0,015	0,172	FALSE
-0,183	0,283	-0,004	0,008	0,191	FALSE
-0,120	0,288	-0,003	0,010	0,104	FALSE
0,046	0,290	0,000	0,015	0,003	FALSE
-0,118	0,262	-0,003	0,008	0,174	FALSE
0,025	0,298	-0,001	0,011	0,024	FALSE
0,037	0,291	0,002	0,014	0,065	FALSE
0,060	0,282	0,001	0,010	0,030	FALSE
0,089	0,293	0,001	0,011	0,050	FALSE
0,030	0,289	-0,001	0,010	0,043	FALSE
0,008	0,294	-0,001	0,010	0,027	FALSE
0,009	0,284	0,000	0,007	0,024	FALSE
0,037	0,289	0,000	0,008	0,007	FALSE
0,014	0,288	0,001	0,008	0,036	FALSE
0,063	0,291	0,005	0,013	0,142	FALSE
0,186	0,276	0,006	0,011	0,246	FALSE
0,105	0,288	0,002	0,010	0,073	FALSE
-0,032	0,283	-0,003	0,012	0,083	FALSE
-0,044	0,283	0,000	0,007	0,003	FALSE
0,008	0,281	0,002	0,014	0,045	FALSE
0,068	0,291	0,000	0,009	0,020	FALSE
0,063	0,281	0,001	0,008	0,061	FALSE
-0,058	0,290	-0,004	0,015	0,092	FALSE
-0,086	0,266	-0,004	0,014	0,105	FALSE
-0,086	0,283	-0,003	0,010	0,125	FALSE
-0,051	0,293	-0,003	0,012	0,110	FALSE
0,008	0,306	0,001	0,009	0,057	FALSE
0,144	0,287	0,004	0,010	0,164	FALSE

-0,157	0,285	-0,006	0,013	0,194	FALSE
-0,117	0,276	-0,004	0,012	0,123	FALSE
-0,028	0,297	-0,001	0,008	0,027	FALSE
0,023	0,294	0,002	0,012	0,057	FALSE
0,003	0,306	-0,001	0,009	0,042	FALSE
0,251	0,280	0,007	0,009	0,355	FALSE
-0,086	0,270	-0,006	0,014	0,165	FALSE
-0,180	0,295	-0,005	0,008	0,240	FALSE
-0,030	0,299	-0,002	0,012	0,059	FALSE
-0,055	0,272	-0,001	0,007	0,063	FALSE
-0,118	0,286	-0,005	0,013	0,153	FALSE
0,136	0,297	0,004	0,008	0,206	FALSE
0,012	0,288	0,001	0,012	0,030	FALSE
0,022	0,289	0,003	0,012	0,092	FALSE
0,153	0,267	0,003	0,008	0,137	FALSE
-0,096	0,284	-0,004	0,014	0,129	FALSE
0,070	0,269	0,003	0,014	0,078	FALSE
-0,149	0,276	-0,005	0,013	0,157	FALSE
0,064	0,295	0,000	0,010	0,015	FALSE
-0,080	0,285	-0,002	0,011	0,078	FALSE
-0,004	0,276	-0,001	0,010	0,047	FALSE
-0,145	0,285	-0,003	0,008	0,133	FALSE
0,013	0,284	-0,001	0,009	0,025	FALSE
-0,017	0,290	-0,001	0,008	0,043	FALSE
-0,016	0,289	-0,002	0,014	0,054	FALSE
-0,169	0,277	-0,004	0,008	0,201	FALSE
0,168	0,278	0,005	0,014	0,142	FALSE
-0,083	0,282	-0,004	0,014	0,099	FALSE
-0,064	0,288	-0,002	0,008	0,070	FALSE
0,054	0,300	0,001	0,008	0,051	FALSE
0,117	0,299	0,007	0,014	0,224	FALSE
0,030	0,293	0,003	0,012	0,108	FALSE
-0,074	0,293	-0,001	0,010	0,041	FALSE
0,088	0,295	0,005	0,015	0,137	FALSE
-0,007	0,293	0,000	0,011	0,014	FALSE
0,047	0,289	0,001	0,009	0,058	FALSE
-0,061	0,282	-0,003	0,012	0,107	FALSE
-0,026	0,272	-0,001	0,010	0,045	FALSE
-0,033	0,301	-0,002	0,011	0,054	FALSE
0,021	0,297	0,000	0,013	0,011	FALSE
-0,160	0,289	-0,007	0,015	0,197	FALSE
0,037	0,284	0,002	0,007	0,096	FALSE
0,146	0,291	0,003	0,012	0,107	FALSE
-0,013	0,283	0,000	0,012	0,008	FALSE
0,014	0,295	0,001	0,008	0,037	FALSE
0,066	0,285	0,003	0,014	0,086	FALSE
-0,016	0,284	-0,001	0,014	0,029	FALSE
0,015	0,274	0,000	0,012	0,006	FALSE
-0,071	0,289	-0,005	0,015	0,131	FALSE
-0,042	0,274	-0,002	0,007	0,106	FALSE
0,039	0,286	0,000	0,010	0,015	FALSE
-0,001	0,293	0,000	0,009	0,019	FALSE
0,096	0,293	0,003	0,010	0,106	FALSE

0,067	0,292	0,002	0,014	0,057	FALSE
0,063	0,286	0,003	0,014	0,080	FALSE
0,018	0,294	0,001	0,008	0,051	FALSE
-0,026	0,275	-0,001	0,015	0,034	FALSE
0,242	0,276	0,007	0,011	0,297	FALSE
0,047	0,276	0,001	0,009	0,050	FALSE
-0,055	0,299	0,000	0,009	0,007	FALSE
-0,149	0,276	-0,003	0,009	0,122	FALSE
0,048	0,278	0,001	0,011	0,022	FALSE
-0,001	0,280	-0,002	0,011	0,056	FALSE
0,000	0,292	0,002	0,008	0,082	FALSE
0,008	0,285	0,002	0,010	0,068	FALSE
-0,065	0,277	-0,001	0,007	0,059	FALSE
0,000	0,293	0,001	0,008	0,033	FALSE
0,048	0,290	0,001	0,013	0,043	FALSE
0,044	0,280	0,001	0,007	0,047	FALSE
-0,204	0,281	-0,004	0,009	0,213	FALSE
0,009	0,284	0,000	0,008	0,000	FALSE
-0,017	0,283	0,000	0,012	0,001	FALSE
-0,083	0,296	-0,002	0,008	0,088	FALSE
-0,010	0,282	0,000	0,012	0,013	FALSE
-0,068	0,307	-0,001	0,011	0,034	FALSE
0,220	0,275	0,007	0,012	0,241	FALSE
0,158	0,283	0,005	0,009	0,203	FALSE
0,010	0,276	0,001	0,012	0,019	FALSE
0,168	0,282	0,007	0,014	0,208	FALSE
0,158	0,274	0,004	0,009	0,168	FALSE
0,087	0,288	0,002	0,008	0,077	FALSE
0,045	0,290	0,001	0,008	0,024	FALSE
0,082	0,279	0,003	0,014	0,078	FALSE
0,038	0,290	0,002	0,009	0,077	FALSE
-0,114	0,287	-0,002	0,009	0,105	FALSE
0,005	0,292	0,001	0,008	0,030	FALSE
0,139	0,292	0,006	0,012	0,221	FALSE
-0,020	0,282	-0,001	0,007	0,061	FALSE
0,089	0,292	0,004	0,015	0,101	FALSE
-0,122	0,286	-0,003	0,010	0,110	FALSE
-0,073	0,277	0,000	0,011	0,011	FALSE
-0,146	0,274	-0,004	0,010	0,139	FALSE
0,223	0,279	0,010	0,015	0,308	FALSE
0,076	0,285	0,003	0,009	0,114	FALSE
0,070	0,282	0,002	0,013	0,045	FALSE
-0,073	0,289	-0,003	0,015	0,072	FALSE
0,065	0,293	0,002	0,015	0,058	FALSE
-0,067	0,291	-0,001	0,013	0,021	FALSE
0,133	0,293	0,006	0,013	0,186	FALSE
0,160	0,281	0,008	0,014	0,221	FALSE
-0,136	0,278	-0,003	0,007	0,135	FALSE
0,208	0,274	0,004	0,007	0,212	FALSE
0,143	0,295	0,005	0,009	0,232	FALSE
-0,062	0,292	-0,003	0,012	0,087	FALSE
-0,064	0,272	-0,001	0,009	0,056	FALSE
-0,088	0,286	-0,004	0,014	0,129	FALSE

-0,241	0,270	-0,007	0,008	0,393	FALSE
-0,031	0,298	0,000	0,009	0,018	FALSE
0,208	0,280	0,008	0,011	0,351	FALSE
0,094	0,290	0,002	0,008	0,114	FALSE
0,033	0,295	0,002	0,008	0,090	FALSE
-0,173	0,262	-0,009	0,013	0,316	FALSE
-0,041	0,289	-0,001	0,013	0,024	FALSE
0,032	0,293	0,002	0,014	0,065	FALSE
-0,074	0,274	-0,002	0,011	0,075	FALSE
-0,227	0,282	-0,007	0,012	0,232	FALSE
-0,058	0,270	-0,001	0,013	0,039	FALSE
-0,046	0,291	0,000	0,008	0,004	FALSE
0,014	0,293	-0,001	0,010	0,036	FALSE
0,110	0,278	0,003	0,010	0,101	FALSE
-0,008	0,288	0,000	0,008	0,021	FALSE
-0,074	0,284	-0,002	0,010	0,085	FALSE
-0,028	0,291	0,000	0,009	0,012	FALSE
-0,002	0,292	0,000	0,008	0,014	FALSE
0,001	0,303	0,001	0,009	0,040	FALSE
-0,009	0,284	0,001	0,009	0,051	FALSE
-0,130	0,283	-0,002	0,008	0,099	FALSE
-0,123	0,287	-0,002	0,008	0,093	FALSE
0,046	0,287	0,001	0,013	0,041	FALSE
0,049	0,292	0,001	0,009	0,035	FALSE
-0,026	0,282	0,001	0,015	0,019	FALSE
0,131	0,278	0,005	0,011	0,204	FALSE
0,046	0,285	0,005	0,015	0,125	FALSE
-0,048	0,291	-0,001	0,007	0,045	FALSE
0,147	0,289	0,008	0,013	0,273	FALSE
0,030	0,294	0,001	0,011	0,039	FALSE
0,038	0,290	0,005	0,013	0,148	FALSE
-0,017	0,281	0,000	0,008	0,001	FALSE
0,107	0,282	0,005	0,014	0,126	FALSE
0,026	0,297	0,000	0,008	0,003	FALSE
-0,161	0,275	-0,005	0,008	0,243	FALSE
0,047	0,283	0,002	0,014	0,054	FALSE
0,044	0,287	0,003	0,014	0,066	FALSE
0,030	0,294	0,001	0,013	0,030	FALSE
-0,015	0,293	0,001	0,008	0,050	FALSE
-0,025	0,293	-0,001	0,008	0,034	FALSE
-0,050	0,288	-0,002	0,014	0,062	FALSE
0,064	0,290	0,002	0,015	0,061	FALSE
0,034	0,279	0,000	0,010	0,003	FALSE
0,081	0,300	0,005	0,010	0,190	FALSE
-0,154	0,278	-0,004	0,010	0,170	FALSE
-0,120	0,275	-0,006	0,015	0,166	FALSE
-0,029	0,282	-0,002	0,013	0,069	FALSE
-0,135	0,270	-0,005	0,010	0,198	FALSE
0,092	0,289	0,004	0,015	0,115	FALSE
0,079	0,288	0,004	0,015	0,102	FALSE
0,176	0,287	0,006	0,010	0,248	FALSE
0,174	0,300	0,005	0,010	0,209	FALSE
-0,086	0,270	-0,005	0,011	0,185	FALSE

0,192	0,278	0,006	0,010	0,271	FALSE
0,182	0,288	0,006	0,010	0,249	FALSE
0,053	0,278	0,000	0,007	0,008	FALSE
-0,150	0,294	-0,003	0,008	0,177	FALSE
0,051	0,286	0,002	0,007	0,097	FALSE
0,085	0,289	0,002	0,009	0,108	FALSE
-0,031	0,291	0,001	0,010	0,028	FALSE
-0,044	0,268	0,000	0,012	0,004	FALSE
-0,028	0,289	-0,001	0,008	0,030	FALSE
-0,176	0,278	-0,008	0,014	0,230	FALSE
-0,120	0,273	-0,002	0,012	0,062	FALSE
-0,209	0,281	-0,006	0,008	0,340	FALSE
0,011	0,287	0,001	0,011	0,018	FALSE
-0,203	0,279	-0,006	0,008	0,333	FALSE
-0,008	0,285	0,000	0,008	0,016	FALSE
-0,021	0,290	0,000	0,010	0,016	FALSE
-0,025	0,288	0,000	0,007	0,013	FALSE
0,019	0,312	0,001	0,009	0,038	FALSE
0,062	0,292	0,001	0,007	0,060	FALSE
-0,104	0,274	-0,002	0,011	0,076	FALSE
0,103	0,288	0,004	0,009	0,199	FALSE
0,038	0,267	0,004	0,011	0,156	FALSE
-0,079	0,282	-0,002	0,010	0,097	FALSE
0,077	0,289	0,004	0,012	0,115	FALSE
-0,108	0,284	-0,003	0,008	0,134	FALSE
0,157	0,288	0,003	0,008	0,173	FALSE
-0,049	0,282	0,000	0,009	0,010	FALSE
-0,083	0,293	-0,004	0,012	0,140	FALSE
0,128	0,277	0,005	0,013	0,156	FALSE
0,176	0,276	0,006	0,014	0,188	FALSE
-0,112	0,292	-0,003	0,008	0,155	FALSE
0,041	0,266	0,000	0,008	0,011	FALSE
-0,015	0,295	0,000	0,014	0,002	FALSE
-0,052	0,298	-0,002	0,014	0,048	FALSE
-0,019	0,269	0,000	0,013	0,010	FALSE
-0,004	0,305	0,000	0,014	0,008	FALSE
0,000	0,282	0,002	0,010	0,071	FALSE
-0,056	0,283	-0,003	0,009	0,113	FALSE
0,053	0,284	0,003	0,010	0,119	FALSE
-0,094	0,289	-0,004	0,014	0,125	FALSE
0,011	0,291	0,001	0,009	0,045	FALSE
-0,045	0,277	0,000	0,009	0,014	FALSE
0,087	0,287	0,001	0,014	0,027	FALSE
0,058	0,278	-0,001	0,014	0,038	FALSE
0,066	0,298	0,002	0,015	0,044	FALSE
-0,026	0,286	-0,001	0,014	0,020	FALSE
0,039	0,285	0,001	0,010	0,034	FALSE
0,142	0,277	0,005	0,009	0,224	FALSE
-0,076	0,287	-0,002	0,016	0,049	FALSE
-0,064	0,280	-0,001	0,014	0,019	FALSE
0,022	0,292	0,001	0,008	0,022	FALSE
0,080	0,292	0,002	0,009	0,084	FALSE
0,111	0,288	0,004	0,009	0,165	FALSE

-0,047	0,291	0,000	0,008	0,021	FALSE
0,021	0,281	0,001	0,011	0,028	FALSE
-0,188	0,278	-0,009	0,013	0,301	FALSE
-0,005	0,288	0,000	0,008	0,015	FALSE
-0,009	0,294	-0,001	0,013	0,037	FALSE
-0,147	0,289	-0,003	0,011	0,121	FALSE
0,020	0,277	0,003	0,015	0,075	FALSE
0,017	0,275	0,001	0,014	0,021	FALSE
0,131	0,290	0,004	0,012	0,130	FALSE
0,065	0,270	0,000	0,009	0,006	FALSE
0,133	0,284	0,005	0,013	0,150	FALSE
-0,134	0,281	-0,003	0,012	0,092	FALSE
-0,095	0,301	-0,003	0,009	0,115	FALSE
0,076	0,288	0,004	0,013	0,105	FALSE
-0,057	0,289	-0,004	0,015	0,104	FALSE
-0,047	0,290	-0,001	0,012	0,038	FALSE
0,021	0,281	0,002	0,012	0,072	FALSE
-0,045	0,292	-0,001	0,011	0,047	FALSE
-0,070	0,290	-0,002	0,008	0,101	FALSE
-0,098	0,283	-0,004	0,011	0,141	FALSE
-0,007	0,293	0,000	0,011	0,004	FALSE
-0,159	0,285	-0,004	0,009	0,190	FALSE
0,022	0,278	0,000	0,007	0,001	FALSE
-0,048	0,284	-0,001	0,014	0,038	FALSE
0,134	0,290	0,005	0,011	0,179	FALSE
0,090	0,301	0,003	0,009	0,110	FALSE
0,045	0,297	0,002	0,015	0,045	FALSE
0,054	0,281	0,003	0,014	0,070	FALSE
0,276	0,268	0,012	0,014	0,399	FALSE
0,342	0,244	0,014	0,014	0,519	FALSE
-0,133	0,281	-0,004	0,010	0,144	FALSE
-0,002	0,283	0,001	0,009	0,020	FALSE
0,042	0,278	0,002	0,009	0,090	FALSE
0,149	0,278	0,005	0,011	0,179	FALSE
0,036	0,290	0,003	0,010	0,097	FALSE
-0,162	0,274	-0,003	0,009	0,123	FALSE
0,046	0,292	0,002	0,012	0,059	FALSE
-0,124	0,281	-0,002	0,009	0,087	FALSE
-0,047	0,306	-0,001	0,008	0,031	FALSE
0,145	0,287	0,002	0,008	0,086	FALSE
0,001	0,301	-0,001	0,011	0,029	FALSE
-0,011	0,278	-0,002	0,013	0,046	FALSE
0,147	0,271	0,007	0,011	0,281	FALSE
0,153	0,268	0,007	0,013	0,220	FALSE
-0,165	0,278	-0,003	0,008	0,174	FALSE
0,059	0,280	0,001	0,008	0,040	FALSE
-0,027	0,288	0,001	0,008	0,069	FALSE
-0,203	0,293	-0,005	0,010	0,216	FALSE
-0,055	0,283	0,001	0,011	0,036	FALSE
0,036	0,287	0,001	0,015	0,033	FALSE
-0,133	0,285	-0,002	0,011	0,079	FALSE
-0,051	0,293	0,000	0,009	0,002	FALSE
-0,117	0,278	-0,002	0,012	0,058	FALSE

-0,015	0,287	0,000	0,009	0,001	FALSE
-0,005	0,297	-0,001	0,013	0,027	FALSE
0,043	0,279	0,000	0,009	0,008	FALSE
-0,049	0,276	-0,003	0,014	0,080	FALSE
0,037	0,296	0,003	0,015	0,083	FALSE
-0,147	0,289	-0,005	0,013	0,154	FALSE
-0,120	0,290	-0,003	0,012	0,095	FALSE
0,068	0,279	0,002	0,012	0,050	FALSE
-0,085	0,297	-0,001	0,008	0,053	FALSE
-0,028	0,284	-0,002	0,009	0,092	FALSE
0,005	0,284	0,001	0,013	0,037	FALSE
-0,248	0,272	-0,009	0,012	0,344	FALSE
0,005	0,285	0,000	0,009	0,013	FALSE
-0,013	0,287	-0,001	0,008	0,031	FALSE
0,197	0,288	0,008	0,011	0,302	FALSE
0,172	0,291	0,006	0,011	0,223	FALSE
0,080	0,290	0,002	0,011	0,074	FALSE
0,113	0,291	0,006	0,014	0,184	FALSE
-0,006	0,307	0,000	0,010	0,013	FALSE
0,025	0,284	0,001	0,009	0,038	FALSE
-0,027	0,285	-0,002	0,009	0,090	FALSE
0,048	0,277	0,001	0,014	0,037	FALSE
0,182	0,265	0,005	0,010	0,191	FALSE
0,032	0,290	0,001	0,015	0,030	FALSE
0,010	0,292	0,001	0,010	0,035	FALSE
-0,074	0,301	-0,001	0,012	0,026	FALSE
0,094	0,282	0,004	0,014	0,097	FALSE
-0,102	0,290	-0,003	0,015	0,077	FALSE
-0,103	0,284	-0,002	0,011	0,080	FALSE
-0,059	0,287	-0,001	0,011	0,018	FALSE
0,211	0,266	0,008	0,010	0,366	FALSE
-0,067	0,295	-0,004	0,014	0,103	TRUE
-0,109	0,282	-0,005	0,014	0,148	FALSE
-0,071	0,302	-0,002	0,011	0,076	FALSE
0,002	0,289	-0,001	0,011	0,031	FALSE
-0,073	0,284	0,000	0,008	0,004	FALSE
-0,092	0,292	-0,003	0,010	0,121	FALSE
-0,100	0,287	-0,004	0,011	0,137	FALSE
-0,080	0,286	-0,003	0,011	0,095	FALSE
0,139	0,277	0,007	0,014	0,202	FALSE
0,090	0,290	0,002	0,013	0,051	FALSE
-0,080	0,279	-0,003	0,015	0,068	FALSE
0,075	0,279	0,001	0,014	0,037	FALSE
0,062	0,289	0,000	0,014	0,010	FALSE
0,069	0,287	0,002	0,009	0,059	FALSE
0,022	0,294	0,001	0,009	0,028	FALSE
-0,018	0,288	0,000	0,010	0,014	FALSE
-0,002	0,283	0,001	0,008	0,050	FALSE
-0,011	0,287	0,000	0,011	0,009	FALSE
0,224	0,281	0,010	0,015	0,295	FALSE
-0,060	0,292	-0,002	0,008	0,084	FALSE
-0,073	0,293	-0,003	0,013	0,078	FALSE
-0,181	0,284	-0,005	0,009	0,240	FALSE

0,057	0,285	0,001	0,011	0,040	FALSE
0,031	0,291	0,000	0,009	0,009	FALSE
-0,114	0,290	-0,004	0,009	0,182	FALSE
0,039	0,273	0,001	0,013	0,031	FALSE
-0,001	0,297	0,000	0,014	0,002	FALSE
0,005	0,302	0,000	0,015	0,000	FALSE
0,018	0,309	0,001	0,016	0,015	FALSE
0,003	0,287	0,000	0,014	0,002	FALSE
0,008	0,305	0,001	0,016	0,013	FALSE
0,018	0,288	0,001	0,015	0,026	FALSE
0,015	0,294	0,001	0,015	0,021	FALSE
0,018	0,296	0,001	0,015	0,027	FALSE
-0,008	0,295	0,000	0,015	0,008	FALSE
0,011	0,295	0,001	0,015	0,020	FALSE
-0,033	0,307	-0,002	0,015	0,037	FALSE
0,005	0,292	0,000	0,014	0,002	FALSE
-0,007	0,285	0,000	0,012	0,007	FALSE
0,028	0,295	0,000	0,012	0,013	FALSE
-0,003	0,290	0,002	0,015	0,040	FALSE
-0,137	0,290	-0,003	0,010	0,101	FALSE
0,049	0,288	0,003	0,011	0,092	FALSE
0,006	0,297	0,001	0,013	0,016	FALSE
-0,191	0,284	-0,007	0,014	0,204	FALSE
0,074	0,292	0,003	0,013	0,076	FALSE
-0,065	0,278	-0,001	0,010	0,041	FALSE
-0,122	0,277	-0,004	0,011	0,153	FALSE
-0,078	0,290	-0,003	0,015	0,065	FALSE
-0,132	0,282	-0,005	0,011	0,186	FALSE
-0,089	0,283	-0,003	0,013	0,093	FALSE
-0,101	0,287	-0,003	0,013	0,105	FALSE
-0,058	0,288	-0,005	0,011	0,171	FALSE
0,153	0,294	0,007	0,012	0,234	FALSE
0,068	0,280	0,002	0,009	0,099	FALSE
0,120	0,278	0,003	0,008	0,148	FALSE
-0,108	0,300	-0,003	0,009	0,115	FALSE
0,042	0,284	0,003	0,013	0,084	FALSE
-0,118	0,282	-0,006	0,011	0,260	FALSE
-0,028	0,295	-0,001	0,015	0,022	FALSE
0,055	0,291	0,002	0,008	0,097	FALSE
-0,132	0,281	-0,001	0,011	0,049	FALSE
-0,097	0,283	0,000	0,011	0,006	FALSE
0,044	0,291	0,000	0,013	0,007	FALSE
0,130	0,272	0,002	0,007	0,094	FALSE
0,021	0,304	0,001	0,015	0,021	FALSE
0,037	0,296	0,002	0,014	0,048	FALSE
0,012	0,284	0,000	0,007	0,014	FALSE
-0,003	0,266	-0,002	0,010	0,087	FALSE
0,216	0,273	0,010	0,013	0,364	FALSE
0,005	0,285	0,000	0,013	0,006	FALSE
0,126	0,286	0,003	0,013	0,099	FALSE
0,017	0,303	0,002	0,010	0,074	FALSE
-0,067	0,287	-0,002	0,008	0,071	FALSE
0,031	0,277	0,004	0,015	0,113	FALSE

0,009	0,281	-0,001	0,009	0,064	FALSE
0,012	0,282	-0,001	0,008	0,059	FALSE
-0,208	0,265	-0,005	0,010	0,232	FALSE
-0,030	0,279	0,000	0,009	0,002	FALSE
-0,023	0,274	0,001	0,012	0,024	FALSE
-0,069	0,276	-0,002	0,014	0,053	FALSE
-0,001	0,298	-0,001	0,009	0,036	FALSE
-0,042	0,284	-0,003	0,009	0,145	FALSE
-0,016	0,296	0,002	0,009	0,073	FALSE
-0,035	0,285	-0,003	0,008	0,123	FALSE
-0,165	0,291	-0,007	0,014	0,218	FALSE
-0,124	0,290	-0,006	0,014	0,189	FALSE
-0,147	0,272	-0,003	0,008	0,150	FALSE
-0,198	0,282	-0,005	0,009	0,256	FALSE
0,123	0,285	0,005	0,015	0,120	FALSE
-0,166	0,284	-0,006	0,012	0,218	FALSE
-0,046	0,284	-0,003	0,013	0,100	FALSE
0,018	0,285	0,001	0,012	0,037	FALSE
0,161	0,281	0,009	0,013	0,291	FALSE
-0,037	0,278	-0,001	0,010	0,019	FALSE
0,160	0,293	0,010	0,015	0,289	FALSE
-0,042	0,307	-0,001	0,013	0,024	FALSE
0,110	0,296	0,002	0,009	0,078	FALSE
0,010	0,290	0,001	0,015	0,012	FALSE
0,041	0,277	-0,001	0,015	0,025	FALSE
-0,023	0,283	0,000	0,012	0,014	FALSE
0,027	0,298	0,001	0,011	0,019	FALSE
-0,171	0,308	-0,006	0,016	0,157	FALSE
0,034	0,287	0,003	0,007	0,144	FALSE
-0,045	0,283	-0,001	0,009	0,033	FALSE
-0,065	0,295	-0,003	0,012	0,097	FALSE
0,079	0,282	0,002	0,012	0,063	FALSE
0,045	0,290	0,003	0,008	0,132	FALSE
0,006	0,297	0,001	0,008	0,041	FALSE
0,170	0,271	0,007	0,012	0,277	FALSE
-0,039	0,286	-0,003	0,013	0,100	FALSE
-0,009	0,285	0,001	0,012	0,033	FALSE
0,015	0,288	0,001	0,010	0,053	FALSE
-0,036	0,272	-0,001	0,014	0,015	FALSE
-0,077	0,283	-0,002	0,013	0,047	FALSE
-0,007	0,296	0,002	0,015	0,046	FALSE
-0,149	0,280	-0,007	0,012	0,255	FALSE
-0,078	0,274	-0,003	0,013	0,085	FALSE
0,053	0,273	0,003	0,014	0,093	FALSE
0,134	0,287	0,003	0,014	0,079	FALSE
-0,071	0,297	-0,001	0,010	0,040	FALSE
-0,174	0,286	-0,004	0,011	0,131	FALSE
0,133	0,276	0,003	0,015	0,067	FALSE
-0,006	0,296	-0,001	0,009	0,049	FALSE
0,123	0,290	0,004	0,014	0,121	FALSE
0,022	0,300	0,000	0,008	0,003	FALSE
0,081	0,266	0,001	0,012	0,035	FALSE
-0,027	0,293	-0,003	0,014	0,080	FALSE

-0,052	0,287	0,000	0,008	0,020	FALSE
-0,131	0,281	-0,006	0,014	0,165	FALSE
0,132	0,283	0,003	0,011	0,095	FALSE
-0,058	0,308	-0,002	0,010	0,061	FALSE
-0,004	0,290	0,001	0,010	0,030	FALSE
0,107	0,293	0,003	0,010	0,118	FALSE
-0,027	0,289	-0,001	0,013	0,036	FALSE
0,070	0,273	0,003	0,010	0,096	FALSE
0,049	0,285	0,002	0,010	0,061	FALSE
0,031	0,286	-0,002	0,014	0,046	FALSE
0,026	0,297	-0,003	0,015	0,071	FALSE
0,033	0,297	0,003	0,008	0,131	FALSE
0,159	0,281	0,004	0,008	0,190	FALSE
-0,161	0,272	-0,005	0,009	0,273	FALSE
0,096	0,282	0,007	0,015	0,179	FALSE
0,009	0,291	0,001	0,009	0,020	FALSE
-0,089	0,283	-0,004	0,015	0,109	FALSE
-0,001	0,304	0,000	0,011	0,012	FALSE
-0,091	0,281	-0,002	0,009	0,066	FALSE
-0,049	0,284	-0,003	0,011	0,109	FALSE
-0,011	0,290	-0,003	0,012	0,088	FALSE
0,057	0,275	0,004	0,011	0,130	FALSE
-0,083	0,280	-0,001	0,008	0,067	FALSE
-0,118	0,289	-0,006	0,015	0,157	FALSE
0,061	0,292	0,001	0,010	0,055	FALSE
-0,009	0,286	-0,001	0,008	0,065	FALSE
0,110	0,284	0,002	0,008	0,115	FALSE
0,043	0,291	0,001	0,010	0,040	FALSE
-0,048	0,267	-0,001	0,013	0,021	FALSE
-0,032	0,268	-0,001	0,013	0,015	FALSE
0,006	0,280	0,002	0,015	0,045	FALSE
-0,017	0,288	0,000	0,013	0,003	FALSE
-0,015	0,301	0,001	0,011	0,024	FALSE
-0,056	0,302	-0,002	0,015	0,043	FALSE
-0,090	0,280	-0,004	0,013	0,116	FALSE
-0,008	0,290	-0,001	0,015	0,023	FALSE
0,000	0,292	0,002	0,008	0,084	FALSE
-0,014	0,278	-0,001	0,008	0,041	FALSE
0,056	0,282	0,001	0,012	0,042	FALSE
0,057	0,270	0,003	0,014	0,070	FALSE
0,013	0,291	0,000	0,011	0,003	FALSE
-0,195	0,283	-0,007	0,014	0,217	FALSE
0,210	0,272	0,005	0,012	0,179	FALSE
-0,205	0,275	-0,008	0,014	0,241	FALSE
-0,216	0,285	-0,009	0,015	0,276	FALSE
-0,182	0,288	-0,006	0,014	0,173	FALSE
0,000	0,286	0,000	0,007	0,015	FALSE
-0,023	0,289	0,001	0,008	0,049	FALSE
-0,005	0,287	-0,002	0,009	0,070	FALSE
0,098	0,286	0,002	0,009	0,086	FALSE
-0,015	0,274	0,000	0,008	0,003	FALSE
-0,115	0,293	-0,003	0,007	0,141	FALSE
0,135	0,270	0,002	0,012	0,064	FALSE

0,080	0,279	0,000	0,013	0,009	FALSE
-0,031	0,286	-0,001	0,007	0,056	FALSE
-0,166	0,279	-0,008	0,014	0,242	FALSE
-0,183	0,272	-0,009	0,013	0,299	FALSE
-0,031	0,297	-0,001	0,007	0,057	FALSE
-0,046	0,283	-0,005	0,015	0,124	FALSE
0,025	0,297	0,002	0,008	0,093	FALSE
0,019	0,286	0,002	0,011	0,073	FALSE
0,095	0,287	0,001	0,011	0,026	FALSE
-0,075	0,281	-0,001	0,008	0,066	FALSE
-0,277	0,260	-0,011	0,013	0,420	FALSE
-0,010	0,274	0,002	0,010	0,061	FALSE
0,012	0,296	0,000	0,008	0,010	FALSE
-0,117	0,272	-0,002	0,009	0,094	FALSE
0,067	0,277	0,002	0,008	0,083	FALSE
-0,080	0,283	-0,003	0,011	0,082	FALSE
0,118	0,286	0,003	0,007	0,138	FALSE
0,177	0,271	0,004	0,009	0,206	FALSE
-0,031	0,283	-0,002	0,009	0,077	FALSE
0,036	0,281	0,000	0,009	0,002	FALSE
-0,049	0,288	0,000	0,011	0,002	FALSE
0,021	0,277	-0,001	0,014	0,024	FALSE
-0,085	0,292	-0,001	0,007	0,065	FALSE
0,041	0,282	0,000	0,014	0,000	FALSE
0,046	0,271	0,000	0,009	0,006	FALSE
0,015	0,276	-0,001	0,009	0,027	FALSE
0,023	0,277	-0,001	0,010	0,024	FALSE
-0,028	0,298	0,000	0,013	0,002	FALSE
0,073	0,287	0,002	0,015	0,059	FALSE
0,001	0,265	-0,001	0,009	0,055	FALSE
0,019	0,290	0,001	0,008	0,041	FALSE
-0,105	0,281	-0,006	0,014	0,179	FALSE
-0,098	0,305	-0,002	0,009	0,098	FALSE
0,105	0,290	0,002	0,009	0,084	FALSE
-0,015	0,286	0,000	0,010	0,001	FALSE
-0,122	0,293	-0,005	0,014	0,153	FALSE
-0,015	0,275	0,000	0,010	0,009	FALSE
-0,028	0,288	-0,001	0,008	0,062	FALSE
0,008	0,286	0,000	0,008	0,009	FALSE
-0,059	0,268	-0,002	0,007	0,135	FALSE
-0,163	0,287	-0,007	0,011	0,270	FALSE
-0,080	0,296	-0,002	0,009	0,108	FALSE
0,215	0,280	0,007	0,011	0,277	FALSE
-0,177	0,284	-0,008	0,015	0,228	FALSE
-0,055	0,286	-0,004	0,014	0,113	FALSE
0,101	0,264	0,002	0,008	0,080	FALSE
0,133	0,286	0,005	0,012	0,176	FALSE
0,087	0,285	0,002	0,012	0,044	FALSE
-0,026	0,298	-0,001	0,008	0,049	FALSE
0,017	0,301	0,000	0,014	0,008	FALSE
-0,130	0,286	-0,004	0,011	0,127	FALSE
0,113	0,275	0,006	0,014	0,176	FALSE
0,049	0,276	0,003	0,014	0,097	FALSE

0,029	0,283	0,000	0,009	0,010	FALSE
-0,047	0,281	-0,004	0,013	0,107	FALSE
-0,135	0,280	-0,004	0,009	0,150	FALSE
0,113	0,281	0,003	0,014	0,091	FALSE
0,170	0,287	0,005	0,011	0,161	FALSE
-0,049	0,291	-0,002	0,011	0,049	FALSE
0,001	0,305	-0,001	0,014	0,028	FALSE
-0,200	0,277	-0,005	0,008	0,269	FALSE
0,061	0,273	0,002	0,009	0,083	FALSE
0,116	0,292	0,005	0,013	0,149	FALSE
0,036	0,286	0,002	0,011	0,070	FALSE
0,036	0,290	0,001	0,010	0,038	FALSE
0,077	0,292	0,001	0,009	0,060	FALSE
0,164	0,272	0,005	0,011	0,202	FALSE
0,186	0,275	0,004	0,008	0,192	FALSE
0,164	0,271	0,003	0,007	0,169	FALSE
0,053	0,278	0,002	0,011	0,074	FALSE
0,112	0,278	0,006	0,013	0,186	FALSE
0,217	0,273	0,009	0,012	0,348	FALSE
-0,088	0,285	-0,003	0,007	0,159	FALSE
-0,119	0,281	-0,003	0,008	0,143	FALSE
0,114	0,301	0,004	0,010	0,172	FALSE
-0,040	0,290	-0,003	0,011	0,098	FALSE
0,085	0,289	0,002	0,011	0,071	FALSE
-0,221	0,277	-0,006	0,010	0,265	FALSE
-0,135	0,282	-0,008	0,014	0,247	FALSE
-0,065	0,288	-0,003	0,012	0,089	FALSE
0,023	0,279	0,000	0,010	0,006	FALSE
0,061	0,283	0,003	0,008	0,159	FALSE
0,018	0,272	0,002	0,013	0,043	FALSE
-0,023	0,297	0,000	0,012	0,007	FALSE
0,073	0,298	0,004	0,014	0,109	FALSE
0,137	0,299	0,007	0,013	0,223	FALSE
0,086	0,286	0,003	0,009	0,133	FALSE
0,038	0,285	0,002	0,011	0,063	FALSE
-0,011	0,287	0,002	0,010	0,070	FALSE
-0,031	0,287	-0,003	0,011	0,096	FALSE
0,082	0,289	0,003	0,008	0,138	FALSE
-0,060	0,294	-0,001	0,009	0,062	FALSE
0,175	0,285	0,007	0,013	0,215	FALSE
-0,152	0,277	-0,003	0,007	0,146	FALSE
0,159	0,285	0,006	0,012	0,202	FALSE
-0,026	0,286	-0,001	0,007	0,049	FALSE
0,019	0,284	0,000	0,008	0,006	FALSE
0,124	0,280	0,003	0,013	0,081	FALSE
0,150	0,290	0,003	0,010	0,133	FALSE
-0,061	0,293	0,000	0,013	0,011	FALSE
0,046	0,275	0,002	0,010	0,055	FALSE
0,041	0,285	0,000	0,008	0,001	FALSE
0,122	0,274	0,005	0,014	0,141	FALSE
0,129	0,281	0,006	0,014	0,164	FALSE
-0,151	0,275	-0,007	0,013	0,225	FALSE
-0,015	0,289	-0,001	0,015	0,021	FALSE

-0,015	0,289	-0,001	0,014	0,016	FALSE
-0,018	0,289	0,000	0,008	0,016	FALSE
0,000	0,294	0,000	0,008	0,013	FALSE
-0,024	0,295	0,000	0,009	0,017	FALSE
-0,035	0,286	-0,003	0,009	0,120	FALSE
0,022	0,278	0,002	0,011	0,079	FALSE
-0,122	0,292	-0,003	0,008	0,129	FALSE
-0,028	0,270	0,002	0,013	0,053	FALSE
0,039	0,295	0,001	0,015	0,013	FALSE
-0,042	0,288	-0,001	0,012	0,017	FALSE
-0,042	0,305	-0,001	0,008	0,051	FALSE
-0,124	0,274	-0,002	0,010	0,100	FALSE
-0,041	0,297	-0,001	0,007	0,057	FALSE
-0,123	0,279	-0,004	0,009	0,150	FALSE
0,031	0,274	0,000	0,009	0,002	FALSE
-0,046	0,282	-0,001	0,013	0,028	FALSE
0,017	0,296	-0,002	0,015	0,049	FALSE
0,105	0,296	0,003	0,012	0,080	FALSE
-0,044	0,295	-0,002	0,011	0,060	FALSE
-0,118	0,272	-0,004	0,011	0,140	FALSE
0,025	0,293	0,000	0,015	0,010	FALSE
0,149	0,268	0,005	0,014	0,153	FALSE
0,035	0,304	0,000	0,010	0,003	FALSE
0,004	0,288	-0,001	0,011	0,048	FALSE
-0,076	0,282	-0,001	0,014	0,031	FALSE
0,003	0,288	0,000	0,010	0,014	FALSE
-0,126	0,278	-0,002	0,008	0,089	FALSE
-0,102	0,281	-0,001	0,008	0,068	FALSE
0,092	0,287	0,002	0,009	0,078	FALSE
0,026	0,280	0,001	0,013	0,021	FALSE
0,168	0,275	0,006	0,011	0,250	FALSE
-0,084	0,288	-0,002	0,009	0,093	FALSE
-0,186	0,289	-0,007	0,015	0,211	FALSE
-0,183	0,278	-0,009	0,015	0,259	FALSE
0,351	0,256	0,014	0,012	0,633	FALSE
-0,163	0,286	-0,004	0,009	0,168	FALSE
-0,065	0,293	-0,004	0,013	0,104	FALSE
0,038	0,288	0,000	0,014	0,010	FALSE
-0,065	0,289	-0,003	0,012	0,090	FALSE
0,110	0,290	0,002	0,011	0,087	FALSE
0,013	0,288	-0,001	0,012	0,036	FALSE
0,137	0,285	0,005	0,012	0,165	FALSE
0,113	0,277	0,003	0,008	0,130	FALSE
0,023	0,283	0,003	0,012	0,082	FALSE
0,189	0,275	0,007	0,013	0,231	FALSE
0,140	0,271	0,005	0,014	0,143	FALSE
-0,110	0,280	-0,004	0,011	0,157	FALSE
-0,062	0,280	-0,003	0,012	0,103	FALSE
0,225	0,285	0,011	0,015	0,324	FALSE
0,178	0,278	0,008	0,011	0,298	FALSE
0,108	0,284	0,004	0,011	0,138	FALSE
0,074	0,296	0,002	0,011	0,059	FALSE
0,001	0,281	-0,003	0,011	0,094	FALSE

-0,031	0,289	-0,004	0,011	0,151	FALSE
-0,019	0,288	-0,003	0,013	0,085	FALSE
0,037	0,296	0,003	0,011	0,084	FALSE
-0,077	0,289	-0,004	0,013	0,131	FALSE
0,097	0,280	0,001	0,007	0,039	FALSE
0,045	0,276	0,001	0,011	0,037	FALSE
0,135	0,279	0,004	0,008	0,191	FALSE
0,107	0,280	0,004	0,013	0,127	FALSE
0,020	0,281	0,001	0,008	0,035	FALSE
0,080	0,279	0,004	0,014	0,107	FALSE
0,035	0,292	0,000	0,013	0,007	FALSE
0,151	0,272	0,004	0,008	0,249	FALSE
-0,091	0,284	-0,003	0,009	0,120	FALSE
-0,012	0,294	0,000	0,015	0,012	FALSE
-0,029	0,281	-0,001	0,009	0,027	FALSE
0,142	0,285	0,009	0,014	0,294	FALSE
-0,006	0,286	0,001	0,010	0,039	FALSE
-0,222	0,278	-0,007	0,011	0,294	FALSE
-0,004	0,279	0,001	0,010	0,024	FALSE
0,050	0,286	0,003	0,012	0,081	FALSE
-0,045	0,291	0,000	0,011	0,013	FALSE
0,140	0,268	0,005	0,012	0,164	FALSE
-0,019	0,289	-0,004	0,015	0,109	FALSE
0,043	0,278	-0,001	0,012	0,017	FALSE
-0,083	0,281	-0,002	0,007	0,106	FALSE
-0,035	0,285	-0,001	0,011	0,050	FALSE
0,092	0,294	0,002	0,008	0,099	FALSE
-0,090	0,285	-0,005	0,012	0,164	FALSE
-0,019	0,292	-0,001	0,010	0,054	FALSE
0,024	0,297	0,002	0,008	0,119	FALSE
0,043	0,289	0,002	0,008	0,111	FALSE
-0,111	0,284	-0,005	0,013	0,169	FALSE
-0,023	0,294	-0,002	0,014	0,045	FALSE
-0,110	0,283	-0,003	0,008	0,142	FALSE
0,007	0,282	0,002	0,008	0,073	FALSE
0,101	0,270	0,001	0,014	0,025	FALSE
0,010	0,294	0,000	0,008	0,008	FALSE
0,176	0,286	0,005	0,011	0,185	FALSE
0,221	0,287	0,010	0,015	0,311	FALSE
-0,084	0,292	-0,005	0,015	0,116	FALSE
-0,115	0,280	-0,005	0,012	0,182	FALSE
0,005	0,301	0,000	0,010	0,009	FALSE
-0,023	0,284	-0,001	0,010	0,053	FALSE
0,046	0,308	0,002	0,011	0,061	FALSE
0,088	0,311	0,003	0,015	0,066	FALSE
0,032	0,301	0,002	0,015	0,048	FALSE
0,141	0,290	0,004	0,012	0,125	FALSE
-0,060	0,290	-0,001	0,010	0,029	FALSE
0,145	0,278	0,003	0,011	0,120	FALSE
0,167	0,279	0,005	0,012	0,155	FALSE
0,027	0,299	0,001	0,011	0,034	FALSE
-0,031	0,291	-0,002	0,014	0,065	FALSE
-0,094	0,275	-0,004	0,010	0,177	FALSE

0,108	0,277	0,004	0,009	0,173	FALSE
-0,053	0,283	0,000	0,010	0,003	FALSE
0,071	0,285	0,004	0,015	0,090	FALSE
0,051	0,290	0,001	0,010	0,034	FALSE
-0,158	0,272	-0,008	0,013	0,283	FALSE
-0,022	0,279	-0,002	0,008	0,101	FALSE
0,043	0,290	0,000	0,008	0,022	FALSE
0,012	0,277	0,001	0,014	0,016	FALSE
0,018	0,290	-0,001	0,014	0,013	FALSE
-0,004	0,299	0,001	0,008	0,030	FALSE
0,083	0,281	0,002	0,012	0,074	FALSE
-0,029	0,288	0,000	0,007	0,026	FALSE
-0,142	0,284	-0,005	0,014	0,141	FALSE
0,035	0,284	0,001	0,011	0,048	FALSE
0,099	0,271	0,004	0,015	0,112	FALSE
-0,089	0,291	-0,004	0,015	0,116	FALSE
0,159	0,268	0,004	0,013	0,123	FALSE
0,114	0,280	0,006	0,011	0,246	FALSE
0,080	0,275	0,005	0,011	0,178	FALSE
-0,046	0,285	0,000	0,007	0,021	FALSE
-0,156	0,281	-0,003	0,008	0,130	FALSE
0,159	0,301	0,005	0,008	0,234	FALSE
-0,035	0,281	-0,002	0,015	0,043	FALSE
0,000	0,289	-0,001	0,010	0,030	FALSE
0,005	0,281	0,002	0,013	0,044	FALSE
-0,056	0,301	-0,001	0,009	0,034	FALSE
-0,048	0,304	0,001	0,008	0,023	FALSE
0,088	0,290	0,002	0,012	0,059	FALSE
-0,043	0,283	-0,002	0,010	0,063	FALSE
-0,013	0,290	-0,001	0,014	0,038	FALSE
-0,107	0,293	-0,008	0,015	0,215	FALSE
0,125	0,287	0,006	0,015	0,178	FALSE
-0,012	0,279	0,003	0,013	0,077	FALSE
0,067	0,293	0,004	0,014	0,098	FALSE
-0,026	0,300	-0,001	0,009	0,050	FALSE
0,002	0,287	0,000	0,009	0,001	FALSE
0,150	0,291	0,006	0,008	0,329	FALSE
0,066	0,279	0,002	0,013	0,073	FALSE
0,009	0,287	0,000	0,011	0,003	FALSE
0,049	0,286	0,001	0,007	0,025	FALSE
-0,018	0,284	-0,001	0,008	0,035	FALSE
0,051	0,282	0,001	0,008	0,047	FALSE
0,045	0,295	0,002	0,012	0,054	FALSE
0,074	0,293	0,001	0,008	0,058	FALSE
0,051	0,308	0,001	0,009	0,036	FALSE
0,063	0,306	0,002	0,012	0,075	FALSE
0,023	0,288	-0,001	0,012	0,031	FALSE
-0,092	0,294	-0,002	0,008	0,107	FALSE
-0,125	0,292	-0,003	0,009	0,161	FALSE
0,102	0,299	0,003	0,008	0,182	FALSE
-0,064	0,298	-0,002	0,012	0,064	FALSE
0,002	0,290	0,001	0,008	0,031	FALSE
-0,112	0,288	-0,008	0,015	0,237	FALSE

-0,189	0,282	-0,006	0,008	0,309	FALSE
0,128	0,285	0,003	0,010	0,131	FALSE
-0,072	0,286	-0,004	0,014	0,114	FALSE
0,043	0,285	0,002	0,009	0,085	FALSE
0,144	0,289	0,004	0,013	0,106	FALSE
0,156	0,277	0,001	0,009	0,044	FALSE
0,026	0,296	0,000	0,015	0,009	FALSE
-0,055	0,295	0,000	0,009	0,019	FALSE
-0,048	0,294	0,000	0,009	0,006	FALSE
0,063	0,280	0,001	0,010	0,043	FALSE
0,115	0,284	0,001	0,013	0,017	FALSE
0,149	0,291	0,007	0,015	0,191	FALSE
0,166	0,280	0,004	0,010	0,172	FALSE
0,078	0,287	0,002	0,008	0,107	FALSE
-0,125	0,282	-0,004	0,010	0,170	FALSE
0,021	0,275	-0,001	0,015	0,025	FALSE
-0,052	0,287	-0,003	0,014	0,072	FALSE
-0,017	0,278	-0,002	0,008	0,115	FALSE
0,018	0,279	0,003	0,013	0,081	FALSE
-0,045	0,294	-0,004	0,014	0,095	FALSE
-0,208	0,275	-0,006	0,009	0,295	FALSE
0,026	0,272	0,000	0,010	0,014	FALSE
0,056	0,279	0,002	0,014	0,040	FALSE
-0,085	0,274	-0,002	0,008	0,107	FALSE
-0,054	0,288	-0,001	0,008	0,036	FALSE
0,054	0,290	0,001	0,014	0,026	FALSE
-0,033	0,285	-0,003	0,011	0,090	FALSE
0,151	0,283	0,004	0,007	0,225	FALSE
-0,010	0,276	0,000	0,012	0,003	FALSE
0,051	0,287	0,001	0,009	0,027	FALSE
-0,070	0,294	-0,004	0,014	0,111	FALSE
0,095	0,285	0,003	0,012	0,083	FALSE
-0,101	0,291	-0,003	0,012	0,103	FALSE
0,045	0,295	0,003	0,013	0,093	FALSE
-0,085	0,283	-0,001	0,010	0,053	FALSE
0,033	0,287	0,002	0,012	0,068	FALSE
-0,144	0,289	-0,004	0,011	0,172	FALSE
-0,012	0,289	0,000	0,011	0,004	FALSE
0,090	0,294	0,003	0,014	0,086	FALSE
-0,064	0,291	-0,001	0,009	0,036	FALSE
-0,062	0,293	-0,002	0,010	0,071	FALSE
0,123	0,285	0,004	0,012	0,139	FALSE
-0,111	0,284	-0,007	0,014	0,211	FALSE
-0,022	0,293	0,000	0,008	0,017	FALSE
0,072	0,290	0,003	0,011	0,087	FALSE
0,015	0,282	0,001	0,009	0,057	FALSE
-0,006	0,284	0,000	0,007	0,002	FALSE
0,037	0,283	0,002	0,010	0,079	FALSE
0,072	0,286	0,001	0,008	0,030	FALSE
0,054	0,279	0,004	0,014	0,117	FALSE
-0,036	0,290	0,000	0,010	0,006	FALSE
-0,017	0,296	0,000	0,011	0,014	FALSE
-0,039	0,281	-0,004	0,013	0,125	FALSE

0,152	0,286	0,005	0,010	0,216	FALSE
-0,081	0,278	-0,002	0,011	0,075	FALSE
-0,082	0,293	-0,001	0,009	0,046	FALSE
0,193	0,289	0,004	0,008	0,221	FALSE
0,080	0,285	0,002	0,010	0,071	FALSE
-0,186	0,278	-0,006	0,013	0,182	FALSE
0,180	0,278	0,004	0,009	0,190	FALSE
-0,046	0,293	-0,002	0,009	0,071	FALSE
-0,168	0,284	-0,004	0,008	0,192	FALSE
-0,001	0,294	0,000	0,010	0,006	FALSE
-0,160	0,275	-0,007	0,013	0,213	FALSE
-0,074	0,291	-0,003	0,014	0,086	FALSE
-0,140	0,285	-0,004	0,008	0,196	FALSE
0,072	0,279	0,005	0,014	0,138	FALSE
0,114	0,293	0,007	0,014	0,210	FALSE
-0,067	0,289	-0,003	0,008	0,155	FALSE
-0,015	0,304	-0,001	0,010	0,020	FALSE
-0,105	0,299	-0,003	0,008	0,152	FALSE
0,088	0,289	0,003	0,010	0,127	FALSE
-0,006	0,302	0,000	0,013	0,009	FALSE
0,043	0,275	0,002	0,011	0,075	FALSE
-0,043	0,301	0,001	0,016	0,023	FALSE
-0,042	0,284	0,001	0,015	0,023	FALSE
-0,048	0,284	0,000	0,014	0,004	FALSE
0,133	0,286	0,005	0,012	0,152	FALSE
0,040	0,282	0,001	0,014	0,018	FALSE
-0,054	0,285	-0,001	0,007	0,069	FALSE
-0,097	0,288	-0,003	0,008	0,134	FALSE
0,017	0,290	0,003	0,014	0,069	FALSE
0,063	0,284	0,002	0,012	0,063	FALSE
-0,131	0,284	-0,005	0,010	0,217	FALSE
0,121	0,292	0,002	0,008	0,114	FALSE
-0,032	0,299	0,000	0,009	0,002	FALSE
-0,009	0,284	0,001	0,015	0,032	FALSE
-0,009	0,282	0,001	0,009	0,034	FALSE
0,105	0,274	0,006	0,014	0,172	FALSE
-0,093	0,286	-0,002	0,012	0,051	FALSE
-0,064	0,274	-0,003	0,010	0,126	FALSE
-0,042	0,290	0,001	0,015	0,014	FALSE
-0,105	0,285	-0,007	0,014	0,215	FALSE
-0,014	0,294	0,000	0,009	0,008	FALSE
-0,060	0,291	-0,001	0,007	0,069	FALSE
-0,263	0,268	-0,008	0,010	0,351	FALSE
0,136	0,288	0,003	0,011	0,118	FALSE
-0,077	0,298	-0,004	0,015	0,095	FALSE
-0,055	0,284	-0,002	0,008	0,077	FALSE
-0,063	0,286	-0,002	0,009	0,065	FALSE
-0,219	0,268	-0,010	0,015	0,303	FALSE
-0,213	0,274	-0,010	0,014	0,306	FALSE
-0,085	0,269	-0,001	0,011	0,049	FALSE
-0,064	0,288	-0,001	0,008	0,064	FALSE
-0,061	0,280	-0,003	0,010	0,095	FALSE
0,150	0,280	0,006	0,014	0,167	FALSE

-0,033	0,285	-0,001	0,008	0,026	FALSE
-0,069	0,285	-0,001	0,009	0,044	FALSE
0,024	0,284	0,000	0,010	0,007	FALSE
0,041	0,282	0,002	0,011	0,077	FALSE
0,012	0,291	0,001	0,014	0,028	FALSE
0,016	0,288	0,000	0,008	0,019	FALSE
0,036	0,282	0,001	0,007	0,026	FALSE
-0,062	0,286	-0,001	0,009	0,045	FALSE
-0,142	0,290	-0,005	0,015	0,139	FALSE
0,076	0,298	0,003	0,015	0,077	FALSE
0,103	0,287	0,002	0,009	0,096	FALSE
0,295	0,270	0,011	0,013	0,400	FALSE
0,074	0,293	0,001	0,010	0,039	FALSE
-0,051	0,285	-0,004	0,013	0,108	FALSE
-0,059	0,281	-0,003	0,013	0,076	FALSE
-0,037	0,287	-0,001	0,010	0,041	FALSE
-0,011	0,284	0,000	0,010	0,009	FALSE
0,023	0,291	0,000	0,011	0,006	FALSE
0,030	0,292	0,001	0,010	0,022	FALSE
-0,032	0,287	-0,004	0,014	0,097	FALSE
-0,054	0,282	-0,005	0,014	0,126	FALSE
-0,059	0,301	-0,005	0,015	0,127	FALSE
-0,085	0,293	-0,001	0,008	0,044	FALSE
0,084	0,289	0,003	0,009	0,128	FALSE
-0,090	0,283	-0,001	0,009	0,037	FALSE
0,047	0,285	0,003	0,015	0,065	FALSE
-0,153	0,280	-0,003	0,007	0,173	FALSE
0,038	0,295	0,001	0,008	0,024	FALSE
-0,092	0,280	-0,002	0,007	0,119	FALSE
0,016	0,290	0,000	0,008	0,016	FALSE
0,124	0,299	0,004	0,011	0,139	FALSE
-0,069	0,278	-0,002	0,009	0,063	FALSE
-0,144	0,285	-0,003	0,008	0,120	FALSE
-0,039	0,283	-0,002	0,009	0,066	FALSE
-0,041	0,286	-0,001	0,010	0,046	FALSE
0,113	0,289	0,003	0,014	0,082	FALSE
0,114	0,285	0,003	0,013	0,076	FALSE
-0,118	0,277	-0,007	0,015	0,185	FALSE
-0,005	0,292	-0,001	0,008	0,050	FALSE
0,083	0,279	0,002	0,013	0,070	FALSE
0,071	0,294	0,004	0,014	0,098	FALSE
-0,051	0,291	-0,003	0,013	0,080	FALSE
-0,019	0,285	0,000	0,010	0,012	FALSE
-0,035	0,281	-0,001	0,008	0,024	FALSE
0,077	0,279	0,003	0,014	0,069	FALSE
0,043	0,279	0,002	0,013	0,059	FALSE
0,058	0,277	0,002	0,009	0,061	FALSE
0,041	0,291	0,001	0,008	0,040	FALSE
0,221	0,280	0,006	0,010	0,284	FALSE
0,191	0,289	0,005	0,008	0,280	FALSE
-0,148	0,269	-0,006	0,012	0,192	FALSE
0,234	0,273	0,007	0,014	0,233	FALSE
0,069	0,291	0,003	0,008	0,133	FALSE

0,031	0,280	0,001	0,008	0,065	FALSE
-0,028	0,292	0,000	0,011	0,006	FALSE
0,039	0,282	0,003	0,007	0,140	FALSE
0,093	0,275	0,005	0,013	0,172	FALSE
0,177	0,285	0,006	0,011	0,238	FALSE
-0,214	0,288	-0,006	0,009	0,287	FALSE
-0,134	0,287	-0,005	0,010	0,215	FALSE
0,192	0,288	0,006	0,011	0,239	FALSE
0,049	0,272	0,001	0,008	0,027	FALSE
-0,207	0,282	-0,010	0,014	0,319	FALSE
-0,033	0,289	-0,001	0,008	0,039	FALSE
-0,259	0,275	-0,012	0,015	0,368	FALSE
-0,074	0,294	-0,001	0,008	0,049	FALSE
-0,155	0,280	-0,006	0,009	0,303	FALSE
0,017	0,274	0,003	0,010	0,146	FALSE
-0,005	0,291	-0,001	0,014	0,032	FALSE
0,030	0,304	0,003	0,014	0,072	FALSE
0,026	0,292	-0,002	0,014	0,053	FALSE
-0,006	0,273	0,001	0,010	0,029	FALSE
0,084	0,279	0,004	0,010	0,151	FALSE
-0,068	0,295	-0,002	0,010	0,067	FALSE
0,046	0,294	0,003	0,010	0,122	FALSE
-0,004	0,292	0,000	0,009	0,017	FALSE
0,008	0,282	0,000	0,009	0,004	FALSE
-0,011	0,288	0,000	0,014	0,011	FALSE
-0,004	0,285	-0,001	0,008	0,050	FALSE
-0,053	0,290	0,000	0,008	0,011	FALSE
-0,075	0,290	-0,004	0,011	0,129	FALSE
-0,063	0,273	-0,002	0,008	0,072	FALSE
0,148	0,290	0,005	0,014	0,143	FALSE
-0,005	0,296	0,001	0,007	0,042	FALSE
-0,136	0,278	-0,003	0,010	0,136	FALSE
-0,049	0,269	0,001	0,012	0,019	FALSE
0,080	0,285	0,003	0,008	0,156	FALSE
-0,013	0,279	0,002	0,010	0,064	FALSE
0,001	0,280	0,002	0,010	0,090	FALSE
0,004	0,282	-0,004	0,015	0,095	FALSE
0,051	0,275	0,002	0,013	0,062	FALSE
-0,099	0,289	-0,003	0,009	0,114	FALSE
-0,101	0,269	-0,009	0,014	0,270	FALSE
-0,020	0,264	-0,002	0,007	0,090	FALSE
0,162	0,270	0,002	0,007	0,110	FALSE
0,048	0,287	0,003	0,013	0,088	FALSE
-0,080	0,295	-0,003	0,009	0,128	FALSE
0,030	0,293	0,001	0,009	0,029	FALSE
0,021	0,290	0,001	0,013	0,015	FALSE
0,060	0,292	0,002	0,009	0,070	FALSE
0,007	0,300	-0,002	0,015	0,055	FALSE
0,026	0,288	0,001	0,007	0,048	FALSE
-0,048	0,290	-0,001	0,014	0,037	FALSE
-0,124	0,292	-0,008	0,013	0,264	FALSE
-0,125	0,285	-0,008	0,013	0,267	FALSE
0,027	0,285	-0,001	0,011	0,046	FALSE

-0,070	0,299	-0,001	0,011	0,025	FALSE
-0,069	0,291	-0,002	0,010	0,069	FALSE
0,113	0,292	0,004	0,008	0,186	FALSE
0,021	0,289	0,002	0,011	0,059	FALSE
0,038	0,279	0,000	0,011	0,005	FALSE
-0,107	0,289	-0,004	0,012	0,125	FALSE
0,000	0,292	0,000	0,008	0,004	FALSE
-0,053	0,281	-0,001	0,012	0,024	FALSE
0,068	0,276	0,003	0,010	0,111	FALSE
0,063	0,283	0,002	0,012	0,062	FALSE
-0,057	0,280	-0,002	0,014	0,061	FALSE
-0,024	0,278	-0,001	0,014	0,037	FALSE
0,103	0,289	0,002	0,009	0,092	FALSE
-0,146	0,277	-0,004	0,008	0,190	FALSE
-0,011	0,283	0,000	0,013	0,012	FALSE
-0,075	0,287	-0,003	0,013	0,077	FALSE
0,173	0,274	0,003	0,008	0,153	FALSE
0,041	0,282	0,001	0,013	0,027	FALSE
0,069	0,281	0,001	0,011	0,045	FALSE
0,030	0,310	0,001	0,012	0,041	FALSE
-0,015	0,287	-0,001	0,012	0,016	FALSE
-0,138	0,285	-0,004	0,008	0,187	FALSE
-0,149	0,277	-0,007	0,014	0,203	FALSE
-0,094	0,282	-0,003	0,012	0,087	FALSE
0,006	0,292	0,001	0,014	0,022	FALSE
-0,142	0,280	-0,005	0,009	0,234	FALSE
0,107	0,297	0,002	0,008	0,108	FALSE
0,127	0,280	0,004	0,013	0,110	FALSE
0,134	0,289	0,004	0,009	0,191	FALSE
0,128	0,278	0,001	0,011	0,040	FALSE
-0,038	0,289	-0,002	0,012	0,069	FALSE
-0,140	0,285	-0,003	0,008	0,150	FALSE
0,048	0,290	0,001	0,012	0,036	FALSE
-0,105	0,276	-0,005	0,015	0,142	FALSE
-0,106	0,264	-0,006	0,014	0,164	FALSE
-0,108	0,285	-0,006	0,014	0,155	FALSE
0,032	0,279	0,003	0,012	0,097	FALSE
-0,066	0,287	-0,004	0,014	0,098	FALSE
-0,094	0,288	-0,004	0,014	0,125	FALSE
0,036	0,291	0,001	0,012	0,023	FALSE
0,137	0,288	0,003	0,009	0,140	FALSE
0,126	0,288	0,003	0,009	0,123	FALSE
0,187	0,300	0,005	0,011	0,176	FALSE
-0,059	0,289	-0,001	0,008	0,044	FALSE
-0,067	0,278	0,000	0,015	0,000	FALSE
-0,043	0,285	-0,002	0,014	0,049	FALSE
0,020	0,290	0,001	0,013	0,017	FALSE
0,021	0,283	0,001	0,013	0,029	FALSE
0,018	0,292	0,001	0,014	0,023	FALSE
0,009	0,291	0,000	0,015	0,007	FALSE
0,023	0,280	0,001	0,014	0,035	FALSE
0,035	0,292	0,001	0,014	0,014	FALSE
-0,085	0,293	-0,002	0,011	0,060	FALSE

0,004	0,280	0,002	0,014	0,040	FALSE
-0,039	0,280	0,000	0,008	0,015	FALSE
0,063	0,290	0,001	0,008	0,066	FALSE
0,054	0,275	0,003	0,014	0,084	FALSE
0,055	0,283	0,003	0,015	0,085	FALSE
-0,009	0,280	0,000	0,015	0,010	FALSE
0,017	0,288	0,000	0,014	0,006	FALSE
-0,014	0,279	-0,002	0,008	0,086	FALSE
0,006	0,303	0,000	0,015	0,009	FALSE
-0,006	0,276	-0,001	0,014	0,034	FALSE
0,011	0,280	0,001	0,015	0,013	FALSE
0,079	0,282	0,001	0,008	0,067	FALSE
-0,168	0,289	-0,005	0,009	0,207	FALSE
0,087	0,289	0,001	0,007	0,057	FALSE
0,064	0,290	0,006	0,014	0,155	FALSE
-0,239	0,272	-0,010	0,013	0,366	FALSE
0,053	0,292	0,003	0,009	0,115	FALSE
-0,004	0,277	-0,002	0,010	0,077	FALSE
0,002	0,285	0,001	0,009	0,026	FALSE
0,032	0,299	0,001	0,009	0,063	FALSE
0,114	0,298	0,003	0,009	0,158	FALSE
0,015	0,281	0,000	0,011	0,004	FALSE
-0,005	0,286	0,000	0,007	0,016	FALSE
-0,036	0,265	0,000	0,007	0,015	FALSE
-0,016	0,287	-0,001	0,010	0,045	FALSE
-0,008	0,275	-0,001	0,013	0,026	FALSE
0,101	0,281	0,002	0,010	0,096	FALSE
0,126	0,286	0,003	0,010	0,124	FALSE
-0,029	0,284	0,000	0,010	0,008	FALSE
-0,012	0,292	-0,001	0,011	0,018	FALSE
0,040	0,285	-0,001	0,010	0,036	FALSE
-0,074	0,294	-0,003	0,014	0,081	FALSE
0,212	0,276	0,006	0,011	0,247	FALSE
-0,080	0,297	-0,003	0,013	0,096	FALSE
0,176	0,280	0,006	0,014	0,180	FALSE
0,122	0,283	0,003	0,011	0,102	FALSE
0,043	0,298	0,002	0,013	0,065	FALSE
0,072	0,286	0,002	0,011	0,056	FALSE
-0,007	0,309	0,000	0,010	0,003	FALSE
-0,017	0,280	-0,001	0,007	0,063	FALSE
0,071	0,284	0,000	0,011	0,008	FALSE
-0,055	0,299	-0,003	0,011	0,093	FALSE
0,036	0,295	0,000	0,011	0,010	FALSE
-0,055	0,297	0,000	0,012	0,001	FALSE
-0,056	0,285	0,000	0,008	0,002	FALSE
0,089	0,287	0,002	0,008	0,102	FALSE
-0,094	0,296	-0,001	0,009	0,040	FALSE
0,003	0,298	-0,001	0,010	0,034	FALSE
0,229	0,280	0,007	0,012	0,270	FALSE
0,003	0,290	0,002	0,011	0,055	FALSE
-0,033	0,279	0,001	0,010	0,023	FALSE
-0,098	0,297	-0,007	0,014	0,195	FALSE
-0,030	0,295	0,001	0,013	0,039	FALSE

-0,030	0,298	0,001	0,010	0,020	FALSE
-0,039	0,286	0,001	0,012	0,025	FALSE
0,038	0,267	0,003	0,011	0,116	FALSE
0,056	0,296	0,003	0,012	0,111	FALSE
-0,026	0,288	-0,001	0,008	0,039	FALSE
-0,014	0,295	0,000	0,007	0,021	FALSE
0,013	0,290	0,001	0,010	0,036	FALSE
0,027	0,295	0,001	0,015	0,020	FALSE
0,036	0,293	0,000	0,012	0,008	FALSE
-0,098	0,280	-0,003	0,010	0,117	FALSE
0,090	0,285	0,002	0,009	0,107	FALSE
-0,076	0,282	-0,002	0,008	0,096	FALSE
-0,010	0,294	-0,002	0,013	0,042	FALSE
-0,020	0,294	0,001	0,008	0,063	FALSE
-0,147	0,291	-0,005	0,011	0,187	FALSE
0,122	0,285	0,002	0,008	0,076	FALSE
0,029	0,287	0,001	0,012	0,037	FALSE
0,000	0,286	0,000	0,011	0,016	FALSE
0,172	0,270	0,008	0,015	0,232	FALSE
-0,005	0,279	-0,001	0,013	0,028	FALSE
-0,008	0,296	0,000	0,012	0,009	FALSE
-0,109	0,282	-0,002	0,009	0,075	FALSE
-0,025	0,311	-0,001	0,016	0,021	FALSE
-0,029	0,301	0,000	0,015	0,012	FALSE
-0,042	0,292	-0,001	0,014	0,034	FALSE
-0,014	0,292	0,000	0,015	0,007	FALSE
-0,025	0,292	-0,001	0,015	0,020	FALSE
0,023	0,286	0,000	0,011	0,014	FALSE
-0,071	0,287	-0,005	0,015	0,145	FALSE
0,021	0,291	0,002	0,008	0,095	FALSE
0,037	0,284	0,001	0,009	0,038	FALSE
-0,108	0,288	-0,002	0,015	0,058	FALSE
0,104	0,283	0,002	0,013	0,045	FALSE
0,036	0,276	-0,002	0,013	0,042	FALSE
-0,213	0,263	-0,004	0,007	0,282	FALSE
-0,031	0,286	-0,001	0,010	0,032	FALSE
-0,050	0,279	-0,001	0,010	0,019	FALSE
0,107	0,284	0,002	0,013	0,072	FALSE
-0,003	0,273	0,002	0,014	0,062	FALSE
0,100	0,293	0,004	0,015	0,102	FALSE
0,097	0,292	0,004	0,015	0,099	FALSE
-0,040	0,288	-0,001	0,011	0,045	FALSE
0,081	0,296	0,003	0,015	0,080	FALSE
0,116	0,289	0,006	0,013	0,210	FALSE
0,039	0,292	0,002	0,013	0,068	FALSE
-0,039	0,293	-0,001	0,011	0,021	FALSE
-0,137	0,287	-0,005	0,011	0,173	FALSE
-0,074	0,285	-0,003	0,013	0,080	FALSE
-0,105	0,273	-0,005	0,011	0,184	FALSE
-0,024	0,278	-0,003	0,014	0,091	FALSE
0,063	0,274	0,002	0,011	0,055	FALSE
0,080	0,282	0,001	0,009	0,025	FALSE
-0,004	0,286	0,001	0,012	0,020	FALSE

0,040	0,275	0,000	0,009	0,016	FALSE
0,028	0,290	0,001	0,009	0,024	FALSE
0,054	0,285	0,000	0,013	0,009	FALSE
-0,028	0,278	-0,003	0,011	0,096	FALSE
-0,010	0,271	0,001	0,014	0,032	FALSE
-0,018	0,279	0,000	0,008	0,017	FALSE
0,051	0,285	0,002	0,008	0,108	FALSE
0,019	0,287	0,000	0,014	0,005	FALSE
0,081	0,281	0,003	0,014	0,080	FALSE
0,017	0,282	0,001	0,014	0,026	FALSE
0,075	0,284	0,004	0,014	0,112	FALSE
0,064	0,307	0,005	0,015	0,136	FALSE
0,062	0,300	0,006	0,015	0,148	FALSE
0,026	0,282	0,000	0,009	0,012	FALSE
-0,091	0,273	-0,002	0,008	0,097	FALSE
0,061	0,287	0,002	0,007	0,089	FALSE
0,086	0,273	0,004	0,014	0,129	FALSE
0,134	0,273	0,004	0,013	0,119	FALSE
-0,045	0,299	-0,002	0,014	0,039	FALSE
-0,013	0,288	0,000	0,013	0,000	FALSE
0,006	0,288	0,002	0,014	0,059	FALSE
-0,033	0,290	-0,001	0,012	0,022	FALSE
-0,075	0,303	-0,001	0,013	0,036	FALSE
-0,079	0,301	-0,001	0,014	0,031	FALSE
-0,021	0,290	-0,004	0,015	0,092	FALSE
-0,222	0,270	-0,008	0,010	0,360	FALSE
0,062	0,290	0,003	0,008	0,128	FALSE
0,076	0,297	0,003	0,008	0,159	FALSE
0,025	0,276	0,001	0,013	0,020	FALSE
0,055	0,286	0,000	0,010	0,017	FALSE
0,016	0,285	0,002	0,015	0,045	FALSE
0,052	0,276	0,001	0,010	0,039	FALSE
-0,104	0,290	-0,001	0,010	0,043	FALSE
-0,143	0,291	-0,006	0,015	0,169	FALSE
-0,116	0,287	-0,005	0,014	0,135	FALSE
-0,023	0,265	-0,001	0,008	0,028	FALSE
0,087	0,283	0,002	0,008	0,084	FALSE
0,136	0,284	0,004	0,011	0,151	FALSE
0,178	0,274	0,007	0,013	0,232	FALSE
0,005	0,297	0,000	0,011	0,009	FALSE
-0,131	0,292	-0,003	0,012	0,080	FALSE
-0,130	0,285	-0,003	0,015	0,087	FALSE
0,098	0,286	0,002	0,009	0,068	FALSE
-0,009	0,273	-0,004	0,013	0,114	FALSE
-0,151	0,294	-0,004	0,010	0,189	FALSE
0,062	0,284	0,001	0,008	0,035	FALSE
0,010	0,285	0,001	0,008	0,049	FALSE
0,082	0,284	0,002	0,009	0,079	FALSE
0,026	0,286	0,002	0,009	0,064	FALSE
-0,013	0,285	-0,002	0,014	0,049	FALSE
-0,109	0,287	-0,003	0,008	0,131	FALSE
-0,082	0,291	-0,004	0,015	0,117	FALSE
0,033	0,303	0,001	0,011	0,041	FALSE

-0,023	0,290	0,001	0,009	0,023	FALSE
0,084	0,295	0,003	0,012	0,098	FALSE
-0,092	0,283	-0,005	0,015	0,126	FALSE
0,034	0,295	0,001	0,009	0,038	FALSE
-0,010	0,300	0,000	0,011	0,002	FALSE
-0,004	0,296	0,000	0,008	0,003	FALSE
0,000	0,294	0,001	0,009	0,026	FALSE
-0,086	0,283	-0,001	0,008	0,051	FALSE
0,124	0,293	0,005	0,012	0,168	FALSE
0,146	0,275	0,004	0,008	0,232	FALSE
-0,011	0,291	0,000	0,012	0,010	FALSE
-0,150	0,285	-0,007	0,013	0,235	FALSE
-0,026	0,281	0,000	0,009	0,011	FALSE
0,029	0,279	0,000	0,008	0,002	FALSE
-0,037	0,284	-0,002	0,008	0,086	FALSE
0,063	0,305	0,003	0,014	0,067	FALSE
0,047	0,280	0,001	0,014	0,018	FALSE
-0,012	0,299	-0,001	0,008	0,064	FALSE
0,091	0,294	0,004	0,011	0,134	FALSE
0,047	0,281	0,002	0,014	0,061	FALSE
0,054	0,275	0,002	0,014	0,057	FALSE
0,059	0,279	0,003	0,007	0,165	FALSE
-0,044	0,282	-0,003	0,015	0,077	FALSE
0,111	0,291	0,004	0,010	0,168	FALSE
-0,120	0,269	-0,004	0,007	0,245	FALSE
0,013	0,278	0,002	0,008	0,120	FALSE
-0,015	0,288	0,000	0,011	0,006	FALSE
-0,106	0,296	-0,004	0,010	0,138	FALSE
0,052	0,288	0,003	0,010	0,118	FALSE
-0,080	0,290	-0,003	0,011	0,094	FALSE
-0,078	0,280	-0,002	0,010	0,099	FALSE
0,130	0,279	0,004	0,013	0,120	FALSE
-0,028	0,294	-0,001	0,011	0,029	FALSE
0,115	0,293	0,005	0,014	0,147	FALSE
-0,168	0,276	-0,008	0,014	0,248	FALSE
-0,039	0,273	-0,002	0,010	0,076	FALSE
-0,004	0,285	-0,001	0,012	0,027	FALSE
-0,116	0,286	-0,004	0,014	0,100	FALSE
-0,036	0,294	-0,003	0,013	0,094	FALSE
0,059	0,292	0,003	0,008	0,137	FALSE
0,051	0,301	0,002	0,008	0,087	FALSE
-0,046	0,289	-0,002	0,009	0,102	FALSE
0,270	0,277	0,014	0,015	0,470	FALSE
0,221	0,272	0,006	0,009	0,278	FALSE
-0,018	0,278	0,000	0,009	0,015	FALSE
-0,026	0,281	0,000	0,008	0,005	FALSE
0,010	0,280	0,002	0,012	0,057	FALSE
0,099	0,291	0,006	0,015	0,152	FALSE
-0,035	0,293	-0,002	0,008	0,071	FALSE
0,050	0,294	0,000	0,010	0,011	FALSE
0,087	0,263	0,002	0,008	0,077	FALSE
0,071	0,284	0,002	0,014	0,050	FALSE
0,200	0,296	0,004	0,008	0,234	FALSE

0,117	0,278	0,003	0,009	0,152	FALSE
0,035	0,295	0,001	0,013	0,040	FALSE
0,206	0,287	0,005	0,009	0,240	FALSE
0,077	0,290	0,001	0,012	0,042	FALSE
0,007	0,287	-0,001	0,009	0,025	FALSE
0,031	0,286	0,002	0,013	0,055	FALSE
0,011	0,289	0,000	0,014	0,011	FALSE
-0,013	0,286	-0,001	0,010	0,047	FALSE
0,067	0,282	0,003	0,010	0,113	FALSE
-0,026	0,281	0,000	0,007	0,023	FALSE
-0,009	0,290	0,000	0,007	0,019	FALSE
-0,012	0,289	0,001	0,010	0,021	FALSE
0,027	0,293	0,003	0,013	0,104	FALSE
0,049	0,289	0,002	0,010	0,073	FALSE
-0,268	0,271	-0,010	0,014	0,338	FALSE
-0,115	0,288	-0,002	0,014	0,044	FALSE
-0,007	0,297	0,000	0,012	0,007	FALSE
0,089	0,281	0,003	0,013	0,092	FALSE
-0,052	0,290	-0,001	0,012	0,028	FALSE
0,029	0,270	0,002	0,013	0,073	FALSE
-0,155	0,273	-0,006	0,013	0,210	FALSE
-0,135	0,286	-0,005	0,014	0,146	FALSE
0,111	0,287	0,004	0,012	0,140	FALSE
-0,039	0,286	0,000	0,009	0,010	FALSE
0,125	0,290	0,006	0,013	0,214	FALSE
-0,058	0,278	-0,002	0,008	0,106	FALSE
0,034	0,298	0,000	0,012	0,001	FALSE
-0,022	0,297	-0,001	0,009	0,034	FALSE
-0,138	0,283	-0,004	0,014	0,103	FALSE
0,164	0,272	0,007	0,015	0,199	FALSE
-0,001	0,274	0,001	0,008	0,033	FALSE
0,128	0,277	0,004	0,009	0,162	FALSE
0,068	0,268	0,001	0,012	0,023	FALSE
-0,048	0,296	-0,002	0,009	0,089	FALSE
-0,139	0,286	-0,004	0,009	0,187	FALSE
0,086	0,276	0,001	0,011	0,022	FALSE
0,060	0,280	0,001	0,010	0,046	FALSE
0,041	0,275	-0,001	0,011	0,041	FALSE
-0,033	0,284	-0,003	0,014	0,087	FALSE
-0,040	0,291	-0,004	0,015	0,097	FALSE
-0,037	0,293	-0,001	0,015	0,035	FALSE
-0,113	0,276	-0,004	0,014	0,107	FALSE
-0,129	0,280	-0,006	0,013	0,210	FALSE
-0,084	0,286	-0,001	0,008	0,026	FALSE
-0,046	0,279	-0,002	0,007	0,080	FALSE
0,150	0,265	0,005	0,010	0,195	FALSE
0,023	0,290	0,003	0,015	0,079	FALSE
0,072	0,289	0,005	0,014	0,152	FALSE
0,136	0,280	0,005	0,009	0,261	FALSE
-0,021	0,307	0,001	0,016	0,033	FALSE
-0,016	0,295	-0,002	0,013	0,050	FALSE
-0,134	0,279	-0,005	0,012	0,173	FALSE
-0,115	0,295	-0,004	0,013	0,137	FALSE

-0,044	0,288	-0,002	0,014	0,047	FALSE
-0,017	0,304	-0,001	0,015	0,014	FALSE
0,126	0,295	0,005	0,011	0,166	FALSE
0,059	0,299	0,001	0,008	0,049	FALSE
0,121	0,277	0,003	0,009	0,133	FALSE
0,069	0,288	0,001	0,010	0,045	FALSE
0,091	0,282	0,001	0,011	0,036	FALSE
-0,117	0,284	-0,006	0,013	0,170	FALSE
-0,098	0,287	-0,004	0,014	0,101	FALSE
-0,129	0,273	-0,004	0,013	0,103	FALSE
-0,009	0,288	0,002	0,013	0,068	FALSE
-0,084	0,288	-0,001	0,008	0,034	FALSE
-0,115	0,292	-0,003	0,009	0,133	FALSE
-0,022	0,298	-0,002	0,009	0,071	FALSE
-0,016	0,284	-0,001	0,008	0,033	FALSE
0,070	0,280	0,001	0,014	0,024	FALSE
0,081	0,302	0,003	0,014	0,082	FALSE
0,086	0,283	0,002	0,007	0,125	FALSE
0,111	0,275	0,005	0,013	0,141	FALSE
-0,027	0,286	-0,001	0,011	0,045	FALSE
-0,001	0,292	-0,001	0,012	0,027	FALSE
0,037	0,287	0,001	0,011	0,028	FALSE
0,019	0,280	0,000	0,010	0,007	FALSE
0,080	0,290	0,000	0,009	0,011	FALSE
-0,136	0,281	-0,006	0,014	0,189	FALSE
0,028	0,286	0,001	0,013	0,015	FALSE
-0,182	0,267	-0,006	0,013	0,182	FALSE
0,051	0,274	0,001	0,010	0,026	FALSE
0,044	0,287	0,001	0,014	0,028	FALSE
-0,122	0,298	-0,006	0,014	0,183	FALSE
0,050	0,270	0,000	0,012	0,002	FALSE
0,016	0,286	0,000	0,013	0,010	FALSE
0,044	0,286	0,003	0,011	0,116	FALSE
0,022	0,285	0,003	0,011	0,087	FALSE
-0,050	0,281	-0,002	0,011	0,084	FALSE
-0,113	0,280	-0,004	0,011	0,159	FALSE
-0,080	0,283	-0,001	0,007	0,068	FALSE
-0,063	0,291	-0,001	0,008	0,044	FALSE
-0,101	0,290	-0,002	0,008	0,086	FALSE
-0,035	0,285	-0,002	0,010	0,074	FALSE
-0,173	0,287	-0,005	0,009	0,262	FALSE
-0,103	0,290	-0,004	0,015	0,096	FALSE
-0,132	0,278	-0,006	0,014	0,171	FALSE
-0,120	0,271	-0,006	0,015	0,168	FALSE
-0,089	0,284	-0,003	0,014	0,074	FALSE
0,224	0,276	0,008	0,013	0,285	FALSE
-0,169	0,271	-0,006	0,013	0,209	FALSE
-0,057	0,298	-0,002	0,013	0,051	FALSE
0,037	0,295	0,003	0,008	0,133	FALSE
-0,195	0,281	-0,004	0,007	0,246	FALSE
-0,151	0,293	-0,004	0,010	0,140	FALSE
0,229	0,281	0,009	0,011	0,353	FALSE
-0,099	0,291	-0,002	0,008	0,093	FALSE

0,097	0,278	0,002	0,013	0,066	FALSE
-0,056	0,284	-0,001	0,009	0,024	FALSE
-0,193	0,269	-0,008	0,012	0,305	FALSE
0,016	0,264	0,000	0,008	0,006	FALSE
0,017	0,288	-0,001	0,009	0,036	FALSE
0,121	0,278	0,003	0,008	0,129	FALSE
0,170	0,281	0,004	0,009	0,202	FALSE
0,078	0,279	0,003	0,013	0,093	FALSE
0,047	0,269	0,001	0,012	0,044	FALSE
-0,080	0,295	-0,002	0,007	0,113	FALSE
-0,028	0,284	0,000	0,014	0,000	FALSE
0,186	0,286	0,005	0,008	0,259	FALSE
0,063	0,290	0,001	0,009	0,047	FALSE
-0,013	0,290	-0,001	0,007	0,064	FALSE
-0,056	0,293	-0,001	0,009	0,047	FALSE
-0,035	0,296	0,000	0,009	0,014	FALSE
-0,038	0,290	0,000	0,009	0,018	FALSE
-0,043	0,296	-0,001	0,010	0,032	FALSE
-0,007	0,302	-0,001	0,016	0,017	FALSE
0,115	0,292	0,005	0,015	0,128	FALSE
-0,026	0,282	0,000	0,009	0,011	FALSE
-0,039	0,291	0,000	0,010	0,005	FALSE
-0,197	0,295	-0,004	0,009	0,211	FALSE
-0,189	0,272	-0,004	0,008	0,233	FALSE
-0,157	0,277	-0,007	0,014	0,211	FALSE
0,013	0,291	0,001	0,008	0,027	FALSE
-0,201	0,283	-0,004	0,008	0,239	FALSE
-0,022	0,297	0,000	0,014	0,010	FALSE
0,266	0,268	0,007	0,009	0,365	FALSE
-0,118	0,281	-0,005	0,013	0,173	FALSE
-0,018	0,294	0,001	0,014	0,035	FALSE
-0,123	0,284	-0,005	0,014	0,144	FALSE
-0,001	0,278	0,001	0,011	0,040	FALSE
0,000	0,289	-0,002	0,009	0,061	FALSE
-0,196	0,278	-0,008	0,012	0,290	FALSE
0,103	0,298	0,002	0,008	0,103	FALSE
-0,213	0,277	-0,006	0,009	0,277	FALSE
0,053	0,285	0,002	0,008	0,088	FALSE
0,059	0,280	0,000	0,009	0,011	FALSE
0,036	0,313	0,001	0,015	0,013	FALSE
0,042	0,299	0,003	0,015	0,065	FALSE
0,007	0,285	-0,001	0,011	0,018	FALSE
0,045	0,306	0,003	0,012	0,099	FALSE
0,059	0,284	0,001	0,008	0,029	FALSE
0,023	0,275	0,001	0,007	0,072	FALSE
0,081	0,272	0,004	0,011	0,166	FALSE
0,009	0,287	0,001	0,007	0,053	FALSE
0,137	0,274	0,003	0,007	0,177	FALSE
-0,021	0,292	-0,002	0,012	0,080	FALSE
0,225	0,280	0,005	0,010	0,227	FALSE
-0,010	0,289	-0,001	0,008	0,039	FALSE
-0,050	0,294	0,000	0,007	0,019	FALSE
0,101	0,269	0,001	0,008	0,060	FALSE

-0,184	0,269	-0,005	0,008	0,306	FALSE
-0,036	0,283	-0,001	0,008	0,060	FALSE
0,068	0,291	0,005	0,013	0,145	FALSE
-0,082	0,297	-0,002	0,008	0,090	FALSE
0,067	0,297	0,000	0,015	0,009	FALSE
0,075	0,287	0,001	0,009	0,050	FALSE
0,204	0,270	0,009	0,014	0,266	FALSE
0,054	0,277	0,003	0,012	0,084	FALSE
-0,039	0,292	-0,002	0,012	0,046	FALSE
0,047	0,290	0,002	0,012	0,064	FALSE
-0,120	0,280	-0,004	0,008	0,203	FALSE
-0,039	0,291	0,000	0,009	0,014	FALSE
-0,094	0,289	-0,001	0,008	0,060	FALSE
0,103	0,278	0,006	0,015	0,163	FALSE
-0,047	0,283	0,000	0,008	0,012	FALSE
0,149	0,278	0,004	0,008	0,187	FALSE
0,036	0,292	0,001	0,014	0,025	FALSE
-0,052	0,283	0,001	0,009	0,037	FALSE
-0,050	0,295	-0,002	0,008	0,072	FALSE
-0,032	0,276	-0,001	0,008	0,035	FALSE
0,061	0,284	0,003	0,011	0,111	FALSE
0,228	0,271	0,009	0,015	0,287	FALSE
0,225	0,279	0,005	0,008	0,284	FALSE
0,157	0,278	0,006	0,009	0,296	FALSE
0,235	0,288	0,005	0,008	0,283	FALSE
0,009	0,290	0,001	0,008	0,063	FALSE
-0,105	0,290	-0,002	0,011	0,076	FALSE
-0,073	0,286	-0,003	0,014	0,070	FALSE
-0,046	0,285	0,000	0,007	0,017	FALSE
-0,069	0,300	-0,003	0,011	0,121	FALSE
0,062	0,272	0,001	0,010	0,031	FALSE
0,089	0,280	0,005	0,012	0,151	FALSE
0,022	0,293	0,000	0,012	0,011	FALSE
-0,169	0,284	-0,008	0,015	0,224	FALSE
-0,013	0,284	0,000	0,008	0,009	FALSE
0,110	0,300	0,005	0,015	0,121	FALSE
-0,212	0,282	-0,007	0,010	0,289	FALSE
-0,026	0,299	-0,001	0,015	0,012	FALSE
-0,061	0,286	-0,002	0,012	0,078	FALSE
-0,006	0,280	-0,001	0,009	0,033	FALSE
-0,175	0,271	-0,008	0,014	0,267	FALSE
0,036	0,292	0,001	0,007	0,034	FALSE
-0,066	0,289	-0,003	0,015	0,067	FALSE
0,051	0,292	0,003	0,012	0,111	FALSE
0,008	0,285	0,000	0,011	0,007	FALSE
0,024	0,293	0,000	0,015	0,004	FALSE
0,027	0,285	0,002	0,009	0,085	FALSE
-0,085	0,294	-0,002	0,007	0,100	FALSE
-0,107	0,287	-0,002	0,008	0,108	FALSE
0,010	0,282	0,002	0,008	0,082	FALSE
0,070	0,284	0,002	0,012	0,070	FALSE
0,094	0,263	0,002	0,009	0,077	FALSE
-0,007	0,273	-0,001	0,009	0,024	FALSE

-0,036	0,272	0,002	0,013	0,051	FALSE
-0,051	0,293	-0,003	0,015	0,069	FALSE
-0,127	0,287	-0,007	0,014	0,192	FALSE
0,102	0,276	0,003	0,015	0,077	FALSE
0,079	0,278	0,001	0,015	0,034	FALSE
0,085	0,278	0,003	0,014	0,072	FALSE
0,034	0,265	0,002	0,014	0,043	FALSE
0,117	0,299	0,002	0,011	0,060	FALSE
-0,018	0,280	0,001	0,013	0,026	FALSE
-0,051	0,277	0,000	0,008	0,002	FALSE
-0,059	0,296	-0,001	0,008	0,025	FALSE
0,073	0,290	0,003	0,011	0,106	FALSE
-0,034	0,280	-0,003	0,009	0,116	FALSE
0,010	0,281	-0,001	0,015	0,014	FALSE
-0,072	0,284	0,000	0,007	0,023	FALSE
-0,200	0,285	-0,011	0,012	0,464	FALSE
-0,134	0,289	-0,007	0,015	0,181	FALSE
-0,159	0,276	-0,009	0,015	0,245	FALSE
-0,095	0,290	-0,005	0,016	0,123	FALSE
-0,080	0,281	-0,002	0,014	0,067	FALSE
-0,076	0,281	-0,003	0,014	0,090	FALSE
-0,050	0,280	0,000	0,012	0,006	FALSE
0,005	0,275	0,002	0,014	0,060	FALSE
0,068	0,297	0,004	0,011	0,141	FALSE
-0,309	0,264	-0,008	0,008	0,465	FALSE
0,115	0,274	0,006	0,012	0,191	FALSE
-0,013	0,278	-0,002	0,008	0,081	FALSE
-0,028	0,282	-0,003	0,008	0,127	FALSE
0,047	0,296	0,004	0,015	0,095	FALSE
-0,057	0,288	-0,002	0,015	0,038	FALSE
-0,022	0,273	0,001	0,009	0,034	FALSE
0,057	0,289	0,002	0,007	0,105	FALSE
-0,047	0,277	0,000	0,009	0,010	FALSE
0,047	0,285	0,002	0,011	0,056	FALSE
-0,116	0,291	-0,003	0,013	0,078	FALSE
0,093	0,296	0,003	0,012	0,088	FALSE
-0,047	0,278	-0,002	0,013	0,045	FALSE
-0,067	0,284	-0,002	0,013	0,069	FALSE
0,106	0,288	0,004	0,012	0,123	FALSE
-0,086	0,297	-0,001	0,007	0,062	FALSE
0,060	0,283	0,004	0,013	0,126	FALSE
0,074	0,268	0,001	0,009	0,028	FALSE
0,024	0,281	-0,001	0,009	0,020	FALSE
-0,187	0,280	-0,007	0,012	0,263	FALSE
0,020	0,284	0,000	0,009	0,018	FALSE
-0,065	0,276	-0,006	0,009	0,266	FALSE
-0,070	0,299	0,000	0,009	0,014	FALSE
-0,015	0,297	-0,002	0,011	0,061	FALSE
-0,074	0,287	-0,005	0,012	0,148	FALSE
0,078	0,278	0,001	0,012	0,035	FALSE
0,005	0,289	0,001	0,008	0,027	FALSE
0,062	0,288	0,004	0,015	0,117	FALSE
0,029	0,300	0,002	0,015	0,061	FALSE

-0,077	0,296	-0,003	0,010	0,116	FALSE
-0,050	0,292	-0,003	0,011	0,092	FALSE
-0,039	0,291	0,000	0,008	0,001	FALSE
-0,078	0,293	-0,002	0,013	0,055	FALSE
0,002	0,293	0,003	0,015	0,069	FALSE
0,041	0,280	0,002	0,015	0,047	FALSE
0,128	0,273	0,004	0,013	0,121	FALSE
0,027	0,287	0,000	0,008	0,006	FALSE
0,016	0,281	-0,001	0,011	0,022	FALSE
-0,183	0,275	-0,005	0,011	0,210	FALSE
-0,056	0,275	-0,003	0,014	0,066	FALSE
0,049	0,287	0,001	0,008	0,025	FALSE
-0,042	0,279	-0,003	0,014	0,092	FALSE
-0,028	0,269	-0,002	0,014	0,059	FALSE
-0,014	0,296	-0,001	0,015	0,016	FALSE
-0,007	0,299	0,000	0,011	0,002	FALSE
-0,075	0,292	-0,004	0,014	0,107	FALSE
-0,080	0,282	-0,003	0,015	0,083	FALSE
0,056	0,292	0,000	0,009	0,012	FALSE
0,035	0,272	-0,003	0,014	0,072	FALSE
0,009	0,275	0,005	0,015	0,128	FALSE
-0,012	0,285	0,002	0,014	0,063	FALSE
-0,210	0,272	-0,004	0,007	0,273	FALSE
0,022	0,288	0,002	0,011	0,082	FALSE
0,123	0,280	0,005	0,012	0,173	FALSE
0,172	0,282	0,005	0,011	0,171	FALSE
-0,153	0,285	-0,007	0,012	0,239	FALSE
0,174	0,289	0,005	0,012	0,189	FALSE
0,096	0,294	0,002	0,015	0,047	FALSE
-0,069	0,295	-0,001	0,008	0,070	FALSE
-0,067	0,275	-0,004	0,010	0,143	FALSE
0,172	0,296	0,004	0,009	0,202	FALSE
-0,006	0,293	0,000	0,014	0,005	FALSE
-0,048	0,281	-0,004	0,012	0,144	FALSE
-0,106	0,298	-0,006	0,013	0,171	FALSE
-0,059	0,297	-0,004	0,013	0,119	FALSE
-0,082	0,287	-0,003	0,013	0,090	FALSE
-0,045	0,298	-0,001	0,013	0,028	FALSE
-0,050	0,300	-0,001	0,009	0,032	FALSE
0,040	0,293	0,002	0,014	0,042	FALSE
0,012	0,285	0,002	0,014	0,045	FALSE
-0,024	0,278	-0,001	0,008	0,029	FALSE
-0,001	0,289	-0,001	0,013	0,035	FALSE
-0,015	0,286	-0,001	0,008	0,023	FALSE
0,135	0,280	0,006	0,014	0,177	FALSE
0,018	0,278	0,000	0,010	0,014	FALSE
0,044	0,291	0,002	0,011	0,062	FALSE
-0,094	0,291	-0,002	0,009	0,087	FALSE
-0,024	0,279	-0,002	0,010	0,075	FALSE
-0,155	0,278	-0,004	0,007	0,211	FALSE
0,004	0,286	-0,001	0,012	0,026	FALSE
-0,122	0,278	-0,004	0,008	0,207	FALSE
0,154	0,289	0,003	0,009	0,150	FALSE

-0,081	0,283	-0,003	0,009	0,107	FALSE
0,025	0,289	0,000	0,008	0,005	FALSE
0,099	0,285	0,002	0,008	0,106	FALSE
-0,034	0,283	0,002	0,010	0,061	FALSE
-0,050	0,298	-0,003	0,013	0,086	FALSE
-0,012	0,302	0,001	0,008	0,030	FALSE
-0,021	0,295	-0,001	0,013	0,029	FALSE
0,086	0,294	0,001	0,010	0,031	FALSE
-0,150	0,278	-0,004	0,009	0,175	FALSE
-0,136	0,293	-0,005	0,012	0,169	FALSE
0,139	0,290	0,004	0,009	0,152	FALSE
0,052	0,287	0,000	0,010	0,012	FALSE
0,043	0,307	0,002	0,009	0,083	FALSE
0,102	0,284	0,001	0,008	0,049	FALSE
0,202	0,288	0,005	0,009	0,234	FALSE
0,161	0,277	0,005	0,010	0,215	FALSE
0,136	0,284	0,004	0,011	0,159	FALSE
0,122	0,276	0,004	0,011	0,136	FALSE
0,007	0,293	0,001	0,008	0,062	FALSE
-0,147	0,288	-0,005	0,010	0,220	FALSE
0,060	0,296	0,002	0,008	0,114	FALSE
0,010	0,294	0,000	0,008	0,022	FALSE
0,120	0,265	0,003	0,008	0,143	FALSE
-0,044	0,289	-0,004	0,010	0,133	FALSE
-0,036	0,291	0,000	0,015	0,002	FALSE
-0,088	0,282	-0,002	0,008	0,109	FALSE
0,051	0,275	0,002	0,008	0,079	FALSE
0,094	0,276	0,002	0,010	0,078	FALSE
-0,079	0,296	-0,003	0,015	0,090	FALSE
-0,209	0,294	-0,005	0,007	0,273	FALSE
-0,217	0,277	-0,010	0,013	0,363	FALSE
0,129	0,282	0,006	0,012	0,206	FALSE
0,126	0,294	0,005	0,015	0,133	FALSE
0,007	0,285	0,000	0,008	0,012	FALSE
0,201	0,264	0,005	0,011	0,202	FALSE
-0,012	0,295	-0,001	0,013	0,035	FALSE
-0,105	0,280	-0,004	0,012	0,151	FALSE
0,041	0,296	0,001	0,013	0,031	FALSE
-0,046	0,278	-0,002	0,009	0,087	FALSE
0,071	0,277	0,002	0,008	0,080	FALSE
-0,049	0,281	-0,002	0,008	0,112	FALSE
-0,012	0,289	-0,002	0,011	0,053	FALSE
0,117	0,282	0,003	0,009	0,136	FALSE
0,049	0,296	0,002	0,008	0,098	FALSE
0,042	0,296	0,002	0,009	0,092	FALSE
0,131	0,284	0,003	0,009	0,132	FALSE
-0,059	0,290	-0,002	0,010	0,084	FALSE
-0,060	0,297	-0,001	0,011	0,032	FALSE
-0,051	0,287	-0,001	0,008	0,029	FALSE
-0,108	0,279	-0,003	0,009	0,136	FALSE
-0,015	0,287	-0,003	0,014	0,094	FALSE
0,030	0,291	0,000	0,014	0,000	FALSE
-0,190	0,262	-0,005	0,008	0,279	FALSE

-0,200	0,278	-0,007	0,012	0,252	FALSE
0,014	0,290	0,000	0,009	0,015	FALSE
-0,104	0,284	-0,002	0,015	0,053	FALSE
-0,094	0,291	-0,001	0,016	0,027	FALSE
-0,189	0,274	-0,007	0,012	0,271	FALSE
0,153	0,275	0,003	0,011	0,100	FALSE
0,056	0,287	0,004	0,013	0,119	FALSE
-0,052	0,281	-0,002	0,008	0,077	FALSE
-0,005	0,284	0,000	0,009	0,003	FALSE
0,041	0,291	0,000	0,008	0,010	FALSE
-0,110	0,272	-0,002	0,009	0,071	FALSE
0,103	0,269	0,008	0,013	0,250	FALSE
0,021	0,303	0,002	0,012	0,053	FALSE
0,073	0,284	0,003	0,012	0,111	FALSE
0,009	0,291	0,000	0,008	0,015	FALSE
0,013	0,272	0,000	0,010	0,014	FALSE
0,042	0,303	0,002	0,008	0,070	FALSE
0,140	0,276	0,005	0,014	0,142	FALSE
0,151	0,291	0,004	0,012	0,147	FALSE
0,111	0,291	0,006	0,015	0,163	FALSE
-0,065	0,282	-0,002	0,008	0,105	FALSE
-0,026	0,289	0,000	0,010	0,005	FALSE
-0,010	0,294	0,001	0,011	0,022	FALSE
-0,029	0,285	-0,001	0,008	0,041	FALSE
0,163	0,276	0,003	0,009	0,144	FALSE
0,002	0,282	0,003	0,014	0,072	FALSE
0,012	0,278	-0,001	0,007	0,047	FALSE
-0,109	0,290	-0,001	0,008	0,052	FALSE
0,027	0,292	0,001	0,010	0,021	FALSE
-0,184	0,276	-0,006	0,009	0,257	FALSE
-0,089	0,284	-0,004	0,014	0,104	FALSE
0,285	0,274	0,011	0,012	0,416	FALSE
-0,057	0,288	-0,002	0,012	0,066	FALSE
0,068	0,279	0,001	0,008	0,038	FALSE
0,016	0,300	0,002	0,008	0,075	FALSE
-0,067	0,281	-0,004	0,011	0,133	FALSE
0,021	0,288	0,001	0,007	0,066	FALSE
0,013	0,296	0,001	0,009	0,035	FALSE
-0,041	0,289	0,000	0,008	0,004	FALSE
0,084	0,284	0,002	0,011	0,070	FALSE
-0,088	0,292	-0,002	0,009	0,064	FALSE
-0,057	0,288	0,000	0,008	0,010	FALSE
-0,049	0,288	-0,005	0,014	0,151	FALSE
-0,081	0,283	-0,001	0,009	0,025	FALSE
0,045	0,296	0,003	0,008	0,125	FALSE
0,006	0,290	-0,001	0,015	0,031	FALSE
0,014	0,294	0,000	0,015	0,002	FALSE
0,033	0,300	0,001	0,015	0,022	FALSE
0,002	0,291	0,001	0,015	0,025	FALSE
0,071	0,300	0,001	0,008	0,067	FALSE
0,069	0,264	0,000	0,009	0,019	FALSE
-0,028	0,286	-0,001	0,010	0,040	FALSE
0,138	0,279	0,003	0,007	0,138	FALSE

-0,067	0,297	0,000	0,009	0,019	FALSE
-0,073	0,302	-0,002	0,012	0,074	FALSE
0,067	0,288	0,001	0,010	0,026	FALSE
-0,062	0,284	-0,002	0,008	0,110	FALSE
0,189	0,284	0,006	0,010	0,271	FALSE
-0,042	0,280	0,000	0,012	0,010	FALSE
-0,064	0,298	-0,002	0,013	0,048	FALSE
-0,038	0,286	0,001	0,011	0,025	FALSE
0,074	0,299	0,002	0,010	0,087	FALSE
-0,022	0,291	-0,001	0,014	0,021	FALSE
0,070	0,283	0,003	0,015	0,065	FALSE
0,155	0,268	0,005	0,009	0,210	FALSE
0,010	0,294	-0,001	0,012	0,027	FALSE
-0,070	0,290	-0,004	0,013	0,116	FALSE
0,244	0,263	0,009	0,012	0,325	FALSE
-0,151	0,266	-0,009	0,012	0,346	FALSE
-0,102	0,277	-0,006	0,013	0,205	FALSE
-0,003	0,289	0,001	0,010	0,026	FALSE
0,062	0,283	0,003	0,013	0,091	FALSE
-0,028	0,281	-0,001	0,008	0,026	FALSE
0,040	0,292	0,002	0,010	0,059	FALSE
-0,024	0,279	-0,001	0,007	0,034	FALSE
0,034	0,288	0,001	0,009	0,048	FALSE
0,098	0,291	0,007	0,013	0,205	FALSE
-0,161	0,281	-0,009	0,013	0,326	FALSE
-0,041	0,276	0,000	0,008	0,009	FALSE
0,039	0,306	0,001	0,014	0,018	FALSE
0,069	0,292	0,003	0,009	0,148	FALSE
-0,191	0,276	-0,010	0,014	0,338	FALSE
0,055	0,290	0,007	0,014	0,189	FALSE
0,035	0,288	0,004	0,013	0,127	FALSE
-0,006	0,293	0,002	0,013	0,043	FALSE
0,051	0,294	0,002	0,014	0,054	FALSE
0,096	0,289	0,003	0,013	0,090	FALSE
0,072	0,298	0,004	0,014	0,104	FALSE
-0,029	0,298	-0,002	0,015	0,045	FALSE
0,076	0,286	0,002	0,010	0,064	FALSE
-0,106	0,288	-0,003	0,013	0,086	FALSE
-0,134	0,276	-0,005	0,011	0,203	FALSE
-0,105	0,277	-0,006	0,013	0,201	FALSE
0,078	0,276	0,004	0,012	0,141	FALSE
0,020	0,283	0,004	0,012	0,117	FALSE
-0,050	0,299	-0,001	0,009	0,041	FALSE
-0,002	0,281	-0,001	0,009	0,054	FALSE
0,174	0,275	0,005	0,011	0,192	FALSE
-0,149	0,278	-0,005	0,010	0,203	FALSE
-0,160	0,281	-0,006	0,010	0,229	FALSE
0,090	0,285	0,005	0,011	0,183	FALSE
0,091	0,281	0,002	0,010	0,078	FALSE
0,090	0,300	0,005	0,012	0,169	FALSE
-0,181	0,272	-0,005	0,008	0,264	FALSE
0,048	0,295	0,004	0,013	0,104	FALSE
0,029	0,286	0,002	0,013	0,070	FALSE

-0,249	0,272	-0,008	0,010	0,407	FALSE
-0,021	0,276	-0,001	0,015	0,030	FALSE
-0,050	0,297	-0,001	0,008	0,046	FALSE
0,226	0,274	0,006	0,009	0,300	FALSE
-0,027	0,299	-0,002	0,013	0,052	FALSE
-0,020	0,287	0,000	0,012	0,014	FALSE
0,028	0,292	0,002	0,011	0,075	FALSE
0,098	0,288	0,004	0,013	0,107	FALSE
0,056	0,288	0,002	0,012	0,056	FALSE
0,140	0,285	0,004	0,008	0,181	FALSE
-0,035	0,288	0,000	0,008	0,012	FALSE
0,060	0,290	0,003	0,014	0,073	FALSE
-0,097	0,281	-0,002	0,011	0,068	FALSE
0,094	0,290	0,002	0,011	0,051	FALSE
-0,185	0,274	-0,008	0,014	0,243	FALSE
-0,075	0,289	-0,004	0,009	0,157	FALSE
-0,003	0,295	0,001	0,011	0,049	FALSE
0,150	0,285	0,003	0,007	0,146	FALSE
-0,011	0,281	0,001	0,010	0,053	FALSE
0,000	0,291	-0,001	0,011	0,017	FALSE
0,111	0,286	0,006	0,014	0,169	FALSE
0,137	0,285	0,004	0,012	0,143	FALSE
0,063	0,293	0,004	0,014	0,107	FALSE
0,017	0,298	0,003	0,013	0,074	FALSE
-0,204	0,277	-0,008	0,015	0,228	FALSE
0,125	0,293	0,006	0,013	0,209	FALSE
-0,210	0,277	-0,008	0,014	0,235	FALSE
-0,201	0,279	-0,006	0,011	0,214	FALSE
-0,011	0,285	-0,002	0,011	0,058	FALSE
0,156	0,277	0,002	0,007	0,130	FALSE
0,155	0,276	0,005	0,013	0,148	FALSE
-0,145	0,284	-0,003	0,008	0,119	FALSE
0,085	0,294	0,005	0,015	0,124	FALSE
0,228	0,281	0,010	0,014	0,333	FALSE
-0,045	0,292	0,000	0,012	0,014	FALSE
0,067	0,299	0,002	0,009	0,104	FALSE
0,051	0,289	0,001	0,011	0,040	FALSE
-0,054	0,290	-0,002	0,009	0,085	FALSE
0,125	0,272	0,005	0,015	0,135	FALSE
-0,005	0,286	0,000	0,014	0,005	FALSE
0,009	0,297	-0,001	0,008	0,028	FALSE
0,019	0,263	-0,001	0,013	0,036	FALSE
0,149	0,289	0,005	0,013	0,165	FALSE
0,137	0,284	0,005	0,013	0,154	FALSE
-0,087	0,283	-0,002	0,013	0,050	FALSE
0,195	0,290	0,006	0,011	0,233	FALSE
0,057	0,292	0,006	0,013	0,176	FALSE
-0,059	0,277	-0,003	0,007	0,144	FALSE
0,038	0,289	0,000	0,015	0,002	FALSE
-0,003	0,282	-0,002	0,007	0,085	FALSE
0,202	0,284	0,007	0,014	0,195	FALSE
-0,030	0,269	0,002	0,009	0,065	FALSE
-0,130	0,280	-0,006	0,014	0,179	FALSE

-0,175	0,285	-0,009	0,015	0,279	FALSE
-0,051	0,273	-0,003	0,015	0,071	FALSE
-0,139	0,271	-0,006	0,013	0,189	FALSE
0,087	0,279	0,002	0,009	0,068	FALSE
0,147	0,280	0,003	0,008	0,151	FALSE
0,082	0,282	0,002	0,008	0,117	FALSE
-0,201	0,281	-0,005	0,008	0,278	FALSE
-0,010	0,287	-0,001	0,010	0,035	FALSE
-0,109	0,276	-0,003	0,008	0,141	FALSE
0,099	0,300	0,004	0,008	0,183	FALSE
-0,052	0,303	-0,003	0,015	0,070	FALSE
-0,114	0,285	-0,002	0,008	0,110	FALSE
0,046	0,288	0,001	0,008	0,061	FALSE
0,091	0,269	0,005	0,011	0,167	FALSE
-0,005	0,296	0,001	0,015	0,013	FALSE
-0,056	0,291	-0,002	0,008	0,087	FALSE
-0,039	0,287	-0,001	0,008	0,042	FALSE
-0,015	0,293	-0,002	0,014	0,054	FALSE
-0,044	0,290	-0,001	0,008	0,056	FALSE
-0,142	0,283	-0,004	0,009	0,183	FALSE
-0,149	0,290	-0,004	0,009	0,185	FALSE
0,183	0,273	0,003	0,008	0,167	FALSE
0,117	0,288	0,002	0,010	0,072	FALSE
-0,127	0,289	-0,004	0,010	0,164	FALSE
-0,111	0,287	-0,004	0,009	0,194	FALSE
-0,117	0,302	-0,004	0,010	0,149	FALSE
0,035	0,290	0,000	0,008	0,005	FALSE
0,058	0,293	0,002	0,012	0,065	FALSE
-0,058	0,282	0,001	0,009	0,034	FALSE
0,011	0,297	0,000	0,012	0,007	FALSE
0,071	0,284	0,000	0,008	0,019	FALSE
0,056	0,280	0,001	0,008	0,023	FALSE
0,022	0,294	0,000	0,009	0,010	FALSE
-0,137	0,288	-0,006	0,010	0,243	FALSE
0,090	0,284	0,002	0,009	0,091	FALSE
-0,222	0,286	-0,006	0,010	0,237	FALSE
-0,240	0,263	-0,006	0,010	0,285	FALSE
-0,171	0,272	-0,004	0,011	0,130	FALSE
0,198	0,293	0,004	0,009	0,205	FALSE
0,199	0,287	0,010	0,015	0,289	FALSE
-0,002	0,291	-0,003	0,013	0,085	FALSE
-0,112	0,276	-0,004	0,007	0,234	FALSE
0,044	0,294	0,001	0,012	0,042	FALSE
-0,132	0,290	-0,003	0,011	0,115	FALSE
-0,019	0,292	0,000	0,008	0,003	FALSE
-0,059	0,277	0,001	0,014	0,032	FALSE
-0,032	0,285	0,003	0,014	0,068	FALSE
0,049	0,295	0,005	0,015	0,144	FALSE
-0,012	0,302	-0,002	0,010	0,062	FALSE
-0,073	0,288	-0,002	0,012	0,064	FALSE
-0,094	0,286	-0,002	0,015	0,041	FALSE
-0,016	0,297	-0,001	0,014	0,036	FALSE
0,082	0,290	0,002	0,011	0,083	FALSE

0,079	0,277	0,003	0,012	0,095	FALSE
0,060	0,281	0,001	0,008	0,041	FALSE
-0,031	0,289	-0,001	0,008	0,053	FALSE
-0,052	0,286	-0,003	0,014	0,086	FALSE
-0,057	0,298	0,001	0,012	0,031	FALSE
0,131	0,280	0,005	0,009	0,273	FALSE
-0,001	0,281	-0,001	0,007	0,026	FALSE
-0,157	0,287	-0,003	0,007	0,152	FALSE
0,098	0,284	0,005	0,012	0,147	FALSE
-0,203	0,286	-0,008	0,012	0,297	FALSE
-0,095	0,290	-0,002	0,009	0,082	FALSE
-0,023	0,285	-0,002	0,008	0,106	FALSE
0,028	0,286	0,001	0,014	0,021	FALSE
0,007	0,273	0,000	0,014	0,001	FALSE
0,046	0,282	0,004	0,014	0,123	FALSE
-0,007	0,304	0,000	0,015	0,010	FALSE
-0,084	0,287	-0,001	0,008	0,064	FALSE
0,117	0,291	0,004	0,013	0,129	FALSE
0,053	0,281	0,002	0,010	0,058	FALSE
-0,057	0,291	-0,003	0,012	0,087	FALSE
0,036	0,297	0,002	0,015	0,037	FALSE
-0,067	0,274	-0,003	0,012	0,102	FALSE
0,044	0,293	0,001	0,012	0,029	FALSE
0,027	0,297	0,001	0,010	0,029	FALSE
-0,232	0,279	-0,008	0,012	0,320	FALSE
0,087	0,286	0,003	0,009	0,135	FALSE
0,092	0,295	0,003	0,008	0,125	FALSE
0,052	0,284	0,003	0,011	0,113	FALSE
-0,070	0,291	-0,001	0,011	0,042	FALSE
-0,108	0,279	-0,004	0,009	0,184	FALSE
0,054	0,289	0,002	0,011	0,072	FALSE
0,066	0,276	0,003	0,010	0,094	FALSE
-0,002	0,291	0,001	0,014	0,017	FALSE
-0,102	0,296	-0,004	0,013	0,121	FALSE
0,069	0,294	0,005	0,015	0,124	FALSE
0,012	0,293	0,000	0,014	0,002	FALSE
-0,019	0,283	-0,001	0,008	0,041	FALSE
0,019	0,274	-0,001	0,009	0,041	FALSE
-0,154	0,286	-0,002	0,008	0,102	FALSE
0,130	0,282	0,002	0,009	0,067	FALSE
-0,121	0,277	-0,001	0,009	0,057	FALSE
-0,096	0,297	-0,002	0,013	0,063	FALSE
-0,062	0,292	-0,002	0,010	0,067	FALSE
-0,053	0,290	-0,002	0,008	0,115	FALSE
0,110	0,286	0,003	0,009	0,136	FALSE
-0,042	0,291	-0,004	0,014	0,107	FALSE
0,110	0,275	0,004	0,011	0,141	FALSE
-0,137	0,287	-0,004	0,009	0,185	FALSE
0,034	0,284	0,000	0,010	0,015	FALSE
-0,103	0,286	-0,002	0,008	0,097	FALSE
-0,060	0,287	-0,001	0,008	0,054	FALSE
-0,020	0,275	-0,002	0,010	0,072	FALSE
0,068	0,281	0,001	0,007	0,064	FALSE

0,105	0,287	0,003	0,008	0,152	FALSE
-0,115	0,284	-0,003	0,009	0,119	FALSE
-0,063	0,287	-0,004	0,014	0,115	FALSE
-0,007	0,305	0,000	0,015	0,005	FALSE
-0,003	0,296	0,000	0,014	0,004	FALSE
-0,201	0,275	-0,008	0,012	0,322	FALSE
-0,119	0,293	-0,004	0,015	0,112	FALSE
0,073	0,286	0,003	0,010	0,104	FALSE
0,161	0,280	0,004	0,011	0,147	FALSE
-0,219	0,263	-0,010	0,015	0,302	FALSE
-0,185	0,283	-0,009	0,014	0,285	FALSE
0,076	0,287	0,003	0,008	0,135	FALSE
0,058	0,289	0,002	0,008	0,089	FALSE
0,192	0,275	0,006	0,014	0,183	FALSE
-0,008	0,297	0,002	0,008	0,074	FALSE
-0,070	0,293	-0,002	0,009	0,063	FALSE
0,069	0,293	0,003	0,011	0,095	FALSE
0,047	0,288	0,000	0,008	0,003	FALSE
-0,132	0,300	-0,002	0,008	0,121	FALSE
0,052	0,294	0,002	0,014	0,052	FALSE
-0,016	0,299	-0,001	0,008	0,048	FALSE
0,010	0,287	0,001	0,010	0,020	FALSE
0,018	0,306	0,003	0,015	0,084	FALSE
-0,086	0,288	-0,003	0,008	0,138	FALSE
-0,032	0,286	-0,003	0,010	0,104	FALSE
-0,076	0,288	-0,001	0,007	0,058	FALSE
0,026	0,276	0,001	0,009	0,058	FALSE
0,071	0,287	0,002	0,010	0,078	FALSE
-0,028	0,303	-0,001	0,010	0,044	FALSE
-0,071	0,302	-0,002	0,008	0,075	FALSE
-0,076	0,276	-0,002	0,009	0,093	FALSE
-0,073	0,283	-0,002	0,011	0,078	FALSE
-0,040	0,274	-0,002	0,011	0,077	FALSE
-0,095	0,290	-0,003	0,008	0,148	FALSE
0,134	0,288	0,005	0,009	0,260	FALSE
0,125	0,290	0,008	0,012	0,269	FALSE
0,214	0,291	0,007	0,011	0,297	FALSE
-0,089	0,282	-0,004	0,007	0,213	FALSE
0,063	0,288	0,003	0,009	0,120	FALSE
0,060	0,292	0,002	0,014	0,063	FALSE
-0,001	0,279	0,000	0,011	0,005	FALSE
-0,006	0,291	0,000	0,008	0,005	FALSE
0,109	0,287	0,002	0,010	0,094	FALSE
0,024	0,296	0,000	0,013	0,010	FALSE
-0,023	0,279	0,000	0,010	0,005	FALSE
-0,064	0,295	-0,001	0,008	0,068	FALSE
0,212	0,278	0,004	0,009	0,205	FALSE
0,177	0,269	0,008	0,015	0,238	FALSE
-0,244	0,275	-0,013	0,015	0,420	FALSE
-0,013	0,274	-0,002	0,011	0,054	FALSE
-0,024	0,299	-0,001	0,009	0,062	FALSE
-0,013	0,290	-0,001	0,009	0,044	FALSE
0,018	0,297	0,000	0,015	0,008	FALSE

-0,023	0,291	0,000	0,011	0,007	FALSE
-0,031	0,290	0,000	0,011	0,013	FALSE
-0,194	0,263	-0,006	0,010	0,279	FALSE
0,181	0,288	0,006	0,009	0,285	FALSE
-0,019	0,286	0,000	0,008	0,023	FALSE
-0,028	0,297	-0,001	0,015	0,026	FALSE
0,027	0,286	0,004	0,013	0,120	FALSE
0,036	0,302	0,001	0,007	0,053	FALSE
-0,076	0,284	-0,004	0,010	0,135	FALSE
-0,046	0,282	0,000	0,009	0,020	FALSE
-0,043	0,295	0,000	0,014	0,004	FALSE
-0,021	0,286	0,002	0,015	0,037	FALSE
-0,014	0,283	0,002	0,014	0,056	FALSE
0,085	0,298	0,005	0,015	0,125	FALSE
-0,032	0,289	0,001	0,014	0,028	FALSE
0,046	0,294	0,004	0,010	0,179	FALSE
-0,109	0,273	-0,001	0,007	0,036	FALSE
-0,044	0,296	-0,001	0,008	0,054	FALSE
0,066	0,301	0,002	0,011	0,061	FALSE
-0,202	0,288	-0,007	0,011	0,296	FALSE
0,166	0,279	0,006	0,013	0,188	FALSE
0,064	0,296	0,003	0,013	0,081	FALSE
-0,009	0,289	0,000	0,011	0,013	FALSE
0,037	0,299	0,001	0,014	0,027	FALSE
0,018	0,284	0,001	0,014	0,030	FALSE
0,122	0,287	0,005	0,011	0,184	FALSE
0,034	0,287	-0,001	0,013	0,029	FALSE
-0,045	0,291	-0,004	0,014	0,098	FALSE
0,097	0,294	0,003	0,011	0,119	FALSE
0,170	0,272	0,004	0,008	0,200	FALSE
-0,101	0,281	-0,004	0,012	0,110	FALSE
0,055	0,299	0,003	0,010	0,121	FALSE
-0,108	0,275	-0,007	0,011	0,284	FALSE
-0,051	0,300	-0,001	0,014	0,013	FALSE
-0,127	0,277	-0,003	0,014	0,074	FALSE
0,049	0,284	0,002	0,012	0,068	FALSE
-0,029	0,281	-0,001	0,010	0,023	FALSE
0,031	0,281	0,001	0,012	0,015	FALSE
0,189	0,266	0,008	0,013	0,278	FALSE
-0,118	0,298	-0,006	0,012	0,197	FALSE
0,076	0,288	0,002	0,010	0,086	FALSE
-0,152	0,293	-0,005	0,014	0,151	FALSE
-0,143	0,283	-0,004	0,013	0,131	FALSE
-0,131	0,278	-0,003	0,009	0,135	FALSE
-0,090	0,285	-0,002	0,013	0,046	FALSE
0,063	0,286	0,001	0,009	0,027	FALSE
-0,031	0,292	-0,001	0,011	0,031	FALSE
0,017	0,286	0,001	0,009	0,028	FALSE
-0,101	0,276	-0,002	0,008	0,096	FALSE
-0,075	0,289	-0,002	0,014	0,048	FALSE
0,011	0,288	-0,001	0,010	0,020	FALSE
-0,138	0,293	-0,006	0,014	0,184	FALSE
0,078	0,276	0,005	0,013	0,156	FALSE

-0,191	0,265	-0,007	0,011	0,264	FALSE
0,029	0,290	0,000	0,015	0,005	FALSE
0,011	0,292	-0,002	0,015	0,045	FALSE
-0,036	0,285	-0,001	0,014	0,031	FALSE
-0,097	0,281	-0,003	0,010	0,119	FALSE
-0,014	0,288	-0,001	0,012	0,022	FALSE
0,005	0,279	0,001	0,008	0,030	FALSE
0,035	0,285	0,002	0,013	0,053	FALSE
0,061	0,290	0,003	0,013	0,090	FALSE
-0,090	0,284	-0,002	0,012	0,071	FALSE
-0,171	0,269	-0,006	0,010	0,282	FALSE
-0,033	0,268	0,001	0,011	0,046	FALSE
0,008	0,283	-0,001	0,009	0,051	FALSE
-0,048	0,301	0,000	0,008	0,009	FALSE
0,103	0,280	0,007	0,014	0,194	FALSE
0,091	0,295	0,006	0,014	0,182	FALSE
-0,053	0,279	0,001	0,008	0,026	FALSE
-0,123	0,279	-0,003	0,008	0,160	FALSE
-0,079	0,281	-0,003	0,008	0,124	FALSE
0,104	0,279	0,005	0,010	0,201	FALSE
-0,052	0,288	-0,002	0,009	0,098	FALSE
0,046	0,281	0,005	0,014	0,134	FALSE
-0,003	0,292	0,004	0,014	0,112	FALSE
0,054	0,292	0,001	0,008	0,035	FALSE
-0,008	0,289	-0,001	0,007	0,041	FALSE
-0,050	0,294	-0,001	0,008	0,045	FALSE
0,037	0,278	0,001	0,014	0,035	FALSE
0,029	0,281	0,002	0,015	0,040	FALSE
0,026	0,291	0,001	0,014	0,031	FALSE
0,199	0,280	0,005	0,008	0,275	FALSE
-0,101	0,281	-0,005	0,014	0,150	FALSE
-0,092	0,298	-0,002	0,008	0,115	FALSE
0,168	0,281	0,005	0,013	0,148	FALSE
-0,079	0,285	-0,002	0,007	0,100	FALSE
-0,072	0,274	-0,002	0,008	0,092	FALSE
-0,169	0,270	-0,006	0,014	0,167	FALSE
0,003	0,274	0,001	0,013	0,040	FALSE
0,076	0,292	0,001	0,010	0,054	FALSE
0,036	0,285	0,001	0,009	0,060	FALSE
-0,069	0,282	-0,001	0,008	0,060	FALSE
0,117	0,285	0,003	0,012	0,085	FALSE
0,011	0,287	0,001	0,012	0,027	FALSE
-0,049	0,294	-0,002	0,008	0,094	FALSE
-0,106	0,286	-0,003	0,012	0,082	FALSE
0,000	0,306	0,002	0,013	0,063	FALSE
-0,104	0,283	-0,001	0,008	0,064	FALSE
0,215	0,275	0,007	0,009	0,387	FALSE
-0,113	0,300	-0,004	0,012	0,118	FALSE
-0,070	0,290	-0,001	0,013	0,036	FALSE
0,021	0,287	0,000	0,008	0,014	FALSE
0,069	0,305	0,002	0,010	0,069	FALSE
0,088	0,295	0,002	0,008	0,097	FALSE
0,145	0,287	0,007	0,014	0,212	FALSE

-0,155	0,278	-0,007	0,014	0,213	FALSE
-0,059	0,282	0,000	0,015	0,005	FALSE
0,092	0,280	0,004	0,009	0,169	FALSE
0,017	0,283	0,001	0,009	0,023	FALSE
-0,111	0,286	-0,004	0,010	0,162	FALSE
0,053	0,276	0,000	0,010	0,003	FALSE
0,044	0,287	0,000	0,009	0,015	FALSE
0,001	0,300	0,001	0,010	0,029	FALSE
0,156	0,283	0,008	0,012	0,292	FALSE
-0,139	0,277	-0,004	0,008	0,196	FALSE
0,079	0,285	0,001	0,010	0,030	FALSE
0,149	0,275	0,005	0,013	0,151	FALSE
0,069	0,286	0,001	0,014	0,038	FALSE
-0,055	0,284	-0,001	0,013	0,032	FALSE
-0,028	0,282	0,000	0,015	0,004	FALSE
0,187	0,282	0,008	0,014	0,239	FALSE
0,043	0,274	0,000	0,009	0,008	FALSE
0,054	0,289	0,002	0,011	0,069	FALSE
-0,015	0,283	-0,003	0,014	0,070	FALSE
-0,081	0,287	-0,002	0,008	0,076	FALSE
-0,010	0,292	0,000	0,011	0,006	FALSE
0,036	0,286	-0,001	0,014	0,027	FALSE
0,052	0,290	0,003	0,014	0,097	FALSE
0,002	0,288	0,001	0,013	0,022	FALSE
-0,043	0,291	-0,001	0,013	0,015	FALSE
0,016	0,290	0,002	0,013	0,043	FALSE
0,113	0,281	0,003	0,012	0,098	FALSE
-0,067	0,281	-0,002	0,014	0,045	FALSE
-0,060	0,295	-0,001	0,016	0,032	FALSE
0,083	0,288	0,004	0,014	0,103	FALSE
0,093	0,280	0,004	0,015	0,114	FALSE
0,106	0,279	0,002	0,007	0,101	FALSE
-0,016	0,292	0,000	0,009	0,008	FALSE
-0,062	0,288	-0,003	0,014	0,084	FALSE
-0,096	0,274	-0,004	0,011	0,135	FALSE
0,010	0,273	-0,001	0,007	0,055	FALSE
-0,031	0,293	-0,001	0,009	0,034	FALSE
-0,020	0,287	0,002	0,015	0,056	FALSE
0,096	0,281	0,002	0,014	0,059	FALSE
-0,030	0,291	0,001	0,010	0,036	FALSE
-0,004	0,299	0,000	0,014	0,004	FALSE
0,051	0,289	0,002	0,012	0,047	FALSE
0,059	0,286	0,001	0,008	0,061	FALSE
0,061	0,288	0,001	0,013	0,027	FALSE
0,161	0,289	0,005	0,011	0,217	FALSE
0,073	0,287	0,003	0,008	0,161	FALSE
-0,035	0,282	-0,003	0,012	0,103	FALSE
-0,050	0,295	-0,001	0,012	0,027	FALSE
-0,016	0,290	-0,001	0,010	0,034	FALSE
0,046	0,279	0,000	0,012	0,007	FALSE
-0,113	0,282	-0,004	0,012	0,142	FALSE
-0,019	0,291	-0,001	0,012	0,017	FALSE
-0,096	0,293	-0,002	0,011	0,072	FALSE

0,078	0,283	0,001	0,009	0,060	FALSE
0,056	0,295	0,002	0,009	0,062	FALSE
-0,047	0,299	0,000	0,008	0,001	FALSE
0,020	0,298	0,001	0,014	0,027	FALSE
0,143	0,268	0,005	0,009	0,267	FALSE
0,014	0,299	-0,001	0,010	0,050	FALSE
-0,007	0,291	-0,001	0,009	0,032	FALSE
-0,152	0,276	-0,004	0,008	0,209	FALSE
-0,022	0,285	-0,001	0,012	0,026	FALSE
0,096	0,298	0,002	0,012	0,063	FALSE
0,022	0,291	0,001	0,012	0,017	FALSE
0,080	0,279	0,001	0,009	0,033	FALSE
0,042	0,272	0,002	0,013	0,061	FALSE
0,027	0,278	0,000	0,011	0,002	FALSE
0,139	0,265	0,004	0,013	0,105	FALSE
0,006	0,285	-0,001	0,010	0,020	FALSE
0,052	0,281	0,004	0,010	0,167	FALSE
-0,090	0,282	-0,004	0,009	0,165	FALSE
0,046	0,282	0,001	0,011	0,046	FALSE
-0,107	0,291	-0,003	0,008	0,140	FALSE
0,045	0,291	0,002	0,014	0,039	FALSE
-0,026	0,293	-0,001	0,011	0,031	FALSE
-0,070	0,301	-0,004	0,015	0,103	FALSE
-0,092	0,286	-0,002	0,010	0,094	FALSE
0,084	0,282	0,005	0,010	0,200	FALSE
0,070	0,293	0,004	0,011	0,150	FALSE
0,028	0,287	0,000	0,015	0,011	FALSE
-0,020	0,295	0,000	0,009	0,008	FALSE
0,009	0,288	0,000	0,008	0,016	FALSE
0,056	0,291	0,003	0,012	0,110	FALSE
-0,136	0,272	-0,005	0,008	0,258	FALSE
-0,168	0,276	-0,005	0,008	0,307	FALSE
-0,039	0,300	-0,002	0,009	0,095	FALSE
-0,028	0,290	-0,002	0,010	0,064	FALSE
-0,097	0,292	-0,005	0,013	0,172	FALSE
-0,103	0,281	-0,005	0,012	0,184	FALSE
-0,003	0,291	0,000	0,011	0,012	FALSE
-0,042	0,292	-0,001	0,008	0,065	FALSE
0,178	0,301	0,004	0,007	0,227	FALSE
-0,094	0,290	-0,003	0,010	0,132	FALSE
0,041	0,281	0,001	0,012	0,036	FALSE
0,274	0,267	0,014	0,015	0,459	FALSE
-0,051	0,287	0,000	0,008	0,009	FALSE
0,049	0,290	0,001	0,011	0,038	FALSE
0,015	0,278	-0,001	0,010	0,040	FALSE
0,054	0,303	0,001	0,012	0,023	FALSE
-0,080	0,288	-0,003	0,011	0,092	FALSE
-0,065	0,275	-0,001	0,009	0,043	FALSE
0,044	0,291	0,002	0,010	0,085	FALSE
-0,064	0,297	-0,004	0,013	0,113	FALSE
0,197	0,285	0,005	0,010	0,223	FALSE
0,076	0,288	0,001	0,008	0,050	FALSE
-0,145	0,278	-0,005	0,015	0,139	FALSE

-0,167	0,267	-0,009	0,013	0,310	FALSE
-0,057	0,298	-0,003	0,012	0,091	FALSE
-0,043	0,284	-0,001	0,008	0,073	FALSE
0,004	0,262	0,000	0,012	0,003	FALSE
-0,001	0,275	0,001	0,008	0,062	FALSE
0,010	0,265	0,000	0,013	0,010	FALSE
0,054	0,287	0,003	0,010	0,092	FALSE
0,038	0,280	0,002	0,011	0,058	FALSE
0,057	0,286	0,000	0,008	0,005	FALSE
0,140	0,287	0,005	0,010	0,188	FALSE
-0,029	0,293	-0,003	0,011	0,097	FALSE
0,188	0,279	0,004	0,009	0,200	FALSE
0,091	0,287	0,004	0,012	0,146	FALSE
0,086	0,271	0,002	0,009	0,101	FALSE
0,070	0,296	0,002	0,010	0,082	FALSE
-0,098	0,280	-0,003	0,013	0,100	FALSE
-0,070	0,282	0,000	0,010	0,008	FALSE
-0,144	0,281	-0,007	0,014	0,200	FALSE
0,032	0,291	0,000	0,009	0,019	FALSE
0,008	0,295	-0,001	0,011	0,019	FALSE
0,061	0,294	0,002	0,010	0,074	FALSE
0,043	0,288	-0,001	0,014	0,023	FALSE
-0,123	0,293	-0,002	0,009	0,083	FALSE
-0,278	0,275	-0,013	0,013	0,514	FALSE
-0,003	0,293	0,002	0,012	0,072	FALSE
-0,121	0,284	-0,007	0,011	0,291	FALSE
-0,007	0,292	0,000	0,008	0,018	FALSE
0,033	0,293	0,001	0,008	0,060	FALSE
0,000	0,299	0,000	0,008	0,012	FALSE
-0,196	0,276	-0,005	0,009	0,246	FALSE
-0,017	0,289	-0,001	0,013	0,035	FALSE
-0,047	0,288	-0,001	0,007	0,047	FALSE
-0,091	0,270	-0,003	0,008	0,143	FALSE
0,029	0,286	0,001	0,007	0,026	FALSE
-0,129	0,280	-0,004	0,009	0,176	FALSE
-0,123	0,269	-0,004	0,009	0,170	FALSE
0,187	0,291	0,007	0,012	0,256	FALSE
-0,030	0,295	-0,003	0,016	0,071	FALSE
-0,012	0,293	-0,003	0,012	0,094	FALSE
-0,103	0,291	-0,005	0,012	0,149	FALSE
0,043	0,297	0,000	0,008	0,014	FALSE
0,087	0,284	0,001	0,008	0,024	FALSE
-0,005	0,297	-0,002	0,010	0,068	FALSE
-0,027	0,295	0,000	0,008	0,016	FALSE
0,001	0,291	-0,002	0,013	0,052	FALSE
0,093	0,288	0,002	0,011	0,059	FALSE
-0,126	0,287	-0,004	0,010	0,145	FALSE
-0,162	0,275	-0,006	0,014	0,157	FALSE
-0,129	0,289	-0,004	0,010	0,143	FALSE
0,084	0,303	0,002	0,008	0,114	FALSE
0,013	0,284	0,000	0,014	0,011	FALSE
-0,004	0,295	-0,002	0,008	0,091	FALSE
0,186	0,292	0,005	0,009	0,244	FALSE

0,151	0,279	0,006	0,014	0,171	FALSE
0,154	0,280	0,007	0,014	0,206	FALSE
-0,189	0,274	-0,007	0,014	0,189	FALSE
0,091	0,289	0,000	0,011	0,009	FALSE
0,116	0,296	0,002	0,012	0,046	FALSE
0,037	0,288	-0,001	0,012	0,043	FALSE
0,041	0,271	0,002	0,007	0,084	FALSE
-0,020	0,288	0,000	0,010	0,010	FALSE
0,095	0,288	0,006	0,011	0,250	FALSE
0,038	0,287	0,002	0,010	0,097	FALSE
-0,037	0,281	-0,002	0,014	0,058	FALSE
0,032	0,286	-0,002	0,014	0,046	FALSE
-0,019	0,282	0,000	0,013	0,008	FALSE
-0,137	0,283	-0,003	0,008	0,162	FALSE
0,011	0,289	0,000	0,008	0,004	FALSE
0,059	0,275	0,000	0,008	0,011	FALSE
0,011	0,294	-0,001	0,015	0,020	FALSE
0,004	0,298	0,002	0,014	0,048	FALSE
0,099	0,279	0,007	0,014	0,203	FALSE
0,104	0,272	0,000	0,011	0,005	FALSE
0,069	0,283	0,003	0,011	0,104	FALSE
0,011	0,269	0,000	0,009	0,017	FALSE
-0,005	0,305	0,000	0,008	0,010	FALSE
0,063	0,302	0,002	0,008	0,110	FALSE
0,088	0,294	0,003	0,013	0,072	FALSE
0,015	0,301	0,000	0,013	0,012	FALSE
-0,192	0,295	-0,009	0,013	0,326	FALSE
-0,038	0,287	0,000	0,008	0,015	FALSE
0,110	0,297	0,001	0,008	0,069	FALSE
-0,107	0,280	-0,002	0,008	0,115	FALSE
-0,101	0,277	-0,002	0,008	0,095	FALSE
0,001	0,283	0,000	0,014	0,000	FALSE
0,131	0,275	0,005	0,012	0,184	FALSE
0,026	0,298	0,000	0,008	0,008	FALSE
0,255	0,274	0,011	0,014	0,382	FALSE
0,093	0,291	0,006	0,015	0,169	FALSE
-0,062	0,281	-0,001	0,009	0,057	FALSE
0,136	0,293	0,004	0,011	0,158	FALSE
0,054	0,302	0,005	0,016	0,111	FALSE
0,141	0,289	0,004	0,008	0,205	FALSE
0,137	0,276	0,004	0,012	0,118	FALSE
0,043	0,291	0,002	0,012	0,051	FALSE
0,223	0,272	0,005	0,008	0,248	FALSE
-0,102	0,280	-0,002	0,007	0,116	FALSE
0,099	0,286	0,005	0,015	0,143	FALSE
0,064	0,303	0,003	0,013	0,077	FALSE
-0,005	0,288	0,000	0,011	0,001	FALSE
-0,109	0,294	-0,006	0,012	0,188	FALSE
-0,052	0,293	-0,004	0,013	0,112	FALSE
0,121	0,290	0,004	0,010	0,144	FALSE
-0,098	0,286	-0,003	0,013	0,094	FALSE
-0,013	0,302	0,000	0,014	0,007	FALSE
0,021	0,273	-0,001	0,013	0,018	FALSE

0,064	0,292	0,000	0,009	0,010	FALSE
0,091	0,272	0,001	0,009	0,056	FALSE
-0,130	0,271	-0,005	0,012	0,174	FALSE
-0,102	0,284	-0,005	0,013	0,167	FALSE
0,080	0,276	0,003	0,010	0,107	FALSE
-0,020	0,291	-0,001	0,009	0,039	FALSE
-0,089	0,285	-0,001	0,014	0,017	FALSE
0,024	0,290	0,002	0,012	0,059	FALSE
-0,184	0,282	-0,003	0,007	0,171	FALSE
-0,020	0,287	0,000	0,010	0,012	FALSE
0,040	0,269	-0,001	0,011	0,046	FALSE
0,133	0,273	0,004	0,010	0,168	FALSE
-0,056	0,275	-0,002	0,008	0,090	FALSE
-0,038	0,285	0,000	0,010	0,017	FALSE
0,021	0,283	0,002	0,010	0,062	FALSE
0,128	0,289	0,004	0,009	0,164	FALSE
-0,179	0,280	-0,005	0,009	0,240	FALSE
-0,027	0,279	-0,003	0,014	0,083	FALSE
-0,119	0,289	-0,004	0,009	0,176	FALSE
-0,143	0,289	-0,006	0,015	0,174	FALSE
0,065	0,302	0,001	0,008	0,047	FALSE
-0,044	0,286	0,000	0,009	0,001	FALSE
0,008	0,276	0,003	0,011	0,113	FALSE
0,045	0,286	0,002	0,009	0,077	FALSE
0,088	0,291	0,002	0,015	0,052	FALSE
-0,066	0,297	-0,002	0,008	0,107	FALSE
-0,007	0,284	-0,001	0,014	0,021	FALSE
-0,018	0,282	-0,002	0,014	0,043	FALSE
0,096	0,279	0,001	0,007	0,078	FALSE
-0,070	0,276	-0,003	0,013	0,091	FALSE
-0,060	0,295	-0,003	0,010	0,101	FALSE
-0,094	0,274	-0,004	0,014	0,098	FALSE
0,057	0,281	0,001	0,008	0,024	FALSE
-0,127	0,292	-0,005	0,014	0,138	FALSE
0,119	0,279	0,003	0,011	0,106	FALSE
0,167	0,284	0,007	0,014	0,220	FALSE
0,049	0,276	-0,001	0,011	0,017	FALSE
-0,077	0,296	-0,002	0,009	0,079	FALSE
0,075	0,268	0,001	0,011	0,020	FALSE
0,113	0,287	0,005	0,012	0,194	FALSE
-0,053	0,281	-0,004	0,015	0,094	FALSE
0,076	0,299	0,003	0,010	0,101	FALSE
-0,078	0,284	-0,003	0,008	0,141	FALSE
-0,090	0,283	-0,002	0,010	0,064	FALSE
-0,024	0,279	-0,001	0,007	0,025	FALSE
0,052	0,296	0,002	0,008	0,107	FALSE
0,043	0,301	0,001	0,008	0,056	FALSE
0,021	0,276	0,003	0,008	0,153	FALSE
-0,083	0,266	0,000	0,012	0,002	FALSE
0,024	0,306	0,001	0,014	0,013	FALSE
-0,097	0,285	-0,003	0,009	0,128	FALSE
0,209	0,276	0,008	0,011	0,302	FALSE
-0,049	0,302	-0,004	0,012	0,123	FALSE

0,008	0,297	0,000	0,009	0,012	FALSE
-0,076	0,288	-0,003	0,011	0,115	FALSE
-0,150	0,283	-0,007	0,012	0,230	FALSE
0,041	0,279	0,004	0,014	0,101	FALSE
-0,021	0,283	-0,002	0,011	0,059	FALSE
0,051	0,271	0,000	0,008	0,002	FALSE
-0,062	0,290	-0,001	0,007	0,067	FALSE
0,041	0,290	0,002	0,007	0,126	FALSE
0,086	0,289	0,004	0,014	0,104	FALSE
-0,042	0,288	0,000	0,009	0,009	FALSE
0,157	0,277	0,006	0,015	0,169	FALSE
0,127	0,274	0,007	0,015	0,201	FALSE
0,045	0,281	0,001	0,007	0,058	FALSE
-0,017	0,282	-0,001	0,011	0,035	FALSE
-0,133	0,283	-0,004	0,012	0,152	FALSE
0,000	0,281	0,000	0,014	0,006	FALSE
0,073	0,288	0,004	0,013	0,104	FALSE
0,018	0,287	0,000	0,008	0,016	FALSE
-0,084	0,286	-0,002	0,012	0,069	FALSE
-0,041	0,288	-0,002	0,012	0,058	FALSE
0,028	0,272	0,000	0,007	0,017	FALSE
-0,010	0,276	-0,001	0,008	0,042	FALSE
-0,024	0,283	-0,001	0,014	0,020	FALSE
-0,042	0,282	-0,003	0,015	0,082	FALSE
-0,042	0,278	-0,005	0,014	0,125	FALSE
0,118	0,290	0,003	0,009	0,116	FALSE
-0,053	0,296	0,000	0,009	0,005	FALSE
0,030	0,288	-0,002	0,014	0,041	FALSE
-0,095	0,283	-0,002	0,009	0,069	FALSE
-0,140	0,286	-0,008	0,013	0,268	FALSE
-0,084	0,294	-0,002	0,008	0,075	FALSE
-0,099	0,286	-0,005	0,012	0,170	FALSE
-0,174	0,277	-0,003	0,008	0,183	FALSE
0,041	0,288	0,001	0,009	0,058	FALSE
-0,021	0,305	-0,001	0,015	0,028	FALSE
-0,058	0,293	-0,004	0,012	0,127	FALSE
-0,072	0,288	-0,006	0,015	0,177	FALSE
0,013	0,298	0,002	0,013	0,063	FALSE
0,136	0,289	0,006	0,012	0,201	FALSE
-0,031	0,285	0,000	0,008	0,014	FALSE
-0,222	0,283	-0,009	0,015	0,264	FALSE
-0,214	0,268	-0,008	0,014	0,235	FALSE
-0,094	0,279	-0,002	0,009	0,069	FALSE
-0,129	0,280	-0,005	0,011	0,185	FALSE
0,035	0,293	0,002	0,010	0,072	FALSE
0,040	0,276	0,000	0,012	0,011	FALSE
0,013	0,288	0,001	0,011	0,018	FALSE
-0,005	0,279	0,000	0,008	0,013	FALSE
0,222	0,292	0,005	0,007	0,282	FALSE
0,174	0,273	0,004	0,009	0,193	FALSE
0,150	0,281	0,003	0,009	0,163	FALSE
-0,183	0,279	-0,005	0,008	0,274	FALSE
0,061	0,298	0,001	0,009	0,049	FALSE

0,140	0,289	0,003	0,008	0,180	FALSE
-0,080	0,296	-0,002	0,009	0,063	FALSE
0,117	0,284	0,007	0,014	0,207	FALSE
0,092	0,280	0,002	0,013	0,049	FALSE
0,034	0,276	0,001	0,008	0,023	FALSE
-0,131	0,301	-0,002	0,008	0,107	FALSE
0,099	0,284	0,003	0,015	0,066	FALSE
0,074	0,282	0,001	0,015	0,036	FALSE
-0,113	0,277	-0,003	0,008	0,155	FALSE
0,138	0,290	0,004	0,010	0,149	FALSE
0,043	0,292	0,001	0,008	0,051	FALSE
-0,061	0,279	-0,003	0,010	0,133	FALSE
-0,130	0,290	-0,004	0,013	0,124	FALSE
-0,057	0,289	-0,002	0,012	0,074	FALSE
-0,035	0,279	-0,002	0,010	0,096	FALSE
0,194	0,289	0,007	0,012	0,245	FALSE
-0,054	0,289	-0,001	0,009	0,028	FALSE
0,200	0,280	0,007	0,012	0,268	FALSE
0,004	0,286	0,002	0,009	0,074	FALSE
-0,078	0,276	-0,002	0,012	0,053	FALSE
0,140	0,272	0,004	0,012	0,139	FALSE
0,142	0,280	0,004	0,011	0,145	FALSE
0,126	0,283	0,003	0,008	0,157	FALSE
0,155	0,279	0,005	0,011	0,167	FALSE
0,178	0,283	0,009	0,014	0,273	FALSE
0,187	0,277	0,009	0,014	0,283	FALSE
0,146	0,272	0,009	0,015	0,247	FALSE
0,198	0,283	0,007	0,011	0,263	FALSE
-0,170	0,280	-0,008	0,015	0,227	FALSE
-0,163	0,290	-0,007	0,015	0,199	FALSE
0,086	0,268	0,001	0,007	0,030	FALSE
0,128	0,286	0,004	0,009	0,154	FALSE
0,090	0,282	0,005	0,014	0,163	FALSE
0,073	0,285	0,001	0,008	0,044	FALSE
-0,050	0,289	-0,002	0,010	0,068	FALSE
-0,168	0,288	-0,004	0,010	0,182	FALSE
-0,004	0,302	0,000	0,015	0,010	FALSE
-0,144	0,283	-0,004	0,011	0,138	FALSE
0,137	0,298	0,005	0,012	0,172	FALSE
0,013	0,285	-0,002	0,014	0,048	FALSE
-0,029	0,298	-0,002	0,010	0,068	FALSE
0,071	0,289	0,005	0,010	0,204	FALSE
0,087	0,285	0,003	0,009	0,127	FALSE
-0,119	0,279	-0,003	0,008	0,141	FALSE
0,042	0,293	0,000	0,008	0,013	FALSE
-0,130	0,289	-0,006	0,014	0,163	FALSE
-0,203	0,291	-0,010	0,015	0,304	FALSE
-0,099	0,284	-0,005	0,012	0,169	FALSE
-0,063	0,280	-0,001	0,012	0,020	FALSE
-0,075	0,277	-0,003	0,010	0,119	FALSE
0,017	0,280	0,002	0,008	0,073	FALSE
-0,027	0,286	0,001	0,009	0,033	FALSE
-0,027	0,278	0,001	0,008	0,032	FALSE

0,081	0,294	0,001	0,008	0,062	FALSE
0,029	0,286	0,004	0,012	0,150	FALSE
-0,065	0,284	0,000	0,011	0,008	FALSE
0,154	0,279	0,002	0,011	0,079	FALSE
0,115	0,268	0,004	0,012	0,122	FALSE
-0,084	0,284	-0,001	0,008	0,032	FALSE
0,037	0,289	0,001	0,008	0,035	FALSE
0,056	0,280	0,001	0,009	0,042	FALSE
-0,114	0,275	-0,004	0,011	0,155	FALSE
-0,137	0,266	-0,003	0,009	0,128	FALSE
-0,070	0,274	-0,005	0,010	0,188	FALSE
-0,047	0,277	-0,003	0,013	0,096	FALSE
0,116	0,291	0,003	0,010	0,108	FALSE
0,140	0,291	0,004	0,010	0,147	FALSE
-0,018	0,301	-0,002	0,014	0,062	FALSE
0,041	0,295	0,001	0,013	0,021	FALSE
0,044	0,281	0,001	0,008	0,024	FALSE
-0,119	0,296	-0,003	0,009	0,120	FALSE
-0,237	0,272	-0,008	0,014	0,249	FALSE
0,095	0,301	0,001	0,008	0,052	FALSE
0,058	0,283	0,004	0,011	0,139	FALSE
-0,047	0,278	-0,001	0,010	0,023	FALSE
-0,105	0,277	-0,003	0,007	0,153	FALSE
-0,121	0,276	-0,003	0,008	0,174	FALSE
0,048	0,281	0,002	0,009	0,089	FALSE
-0,209	0,276	-0,007	0,012	0,234	FALSE
-0,062	0,285	-0,002	0,013	0,060	FALSE
-0,256	0,255	-0,009	0,013	0,293	FALSE
-0,018	0,302	-0,002	0,014	0,042	FALSE
-0,048	0,299	0,000	0,011	0,003	FALSE
0,109	0,262	0,009	0,012	0,337	FALSE
0,056	0,268	0,007	0,013	0,222	FALSE
0,135	0,278	0,003	0,009	0,109	FALSE
-0,017	0,288	-0,002	0,013	0,065	FALSE
0,051	0,287	0,000	0,009	0,002	FALSE
0,034	0,280	0,002	0,012	0,066	FALSE
0,111	0,282	0,003	0,014	0,092	FALSE
-0,161	0,278	-0,004	0,007	0,213	FALSE
-0,159	0,275	-0,005	0,010	0,192	FALSE
0,135	0,295	0,006	0,015	0,155	FALSE
0,017	0,295	0,000	0,009	0,018	FALSE
-0,048	0,277	-0,002	0,015	0,063	FALSE
-0,065	0,274	-0,002	0,014	0,066	FALSE
0,067	0,287	0,002	0,008	0,078	FALSE
-0,023	0,289	-0,001	0,008	0,029	FALSE
0,127	0,278	0,004	0,010	0,163	FALSE
0,098	0,288	0,001	0,009	0,043	FALSE
0,083	0,281	0,002	0,014	0,048	FALSE
-0,045	0,287	-0,002	0,008	0,087	FALSE
-0,074	0,267	-0,001	0,013	0,038	FALSE
0,036	0,280	0,003	0,011	0,103	FALSE
0,062	0,278	0,000	0,007	0,003	FALSE
-0,147	0,280	-0,005	0,014	0,148	FALSE

-0,183	0,282	-0,006	0,012	0,226	FALSE
0,108	0,280	0,005	0,014	0,134	FALSE
0,027	0,291	-0,001	0,014	0,036	FALSE
0,060	0,273	0,003	0,014	0,073	FALSE
-0,106	0,290	-0,002	0,008	0,107	FALSE
0,106	0,274	0,002	0,007	0,101	FALSE
0,033	0,283	0,001	0,008	0,030	FALSE
0,054	0,278	0,001	0,009	0,028	FALSE
-0,011	0,286	0,000	0,008	0,000	FALSE
-0,137	0,264	-0,004	0,009	0,201	FALSE
-0,082	0,295	-0,003	0,013	0,103	FALSE
0,034	0,288	0,001	0,013	0,034	FALSE
-0,065	0,288	-0,001	0,007	0,062	FALSE
-0,171	0,284	-0,008	0,012	0,269	FALSE
-0,028	0,286	-0,002	0,012	0,065	FALSE
-0,006	0,284	0,000	0,009	0,016	FALSE
-0,143	0,257	-0,003	0,012	0,101	FALSE
0,064	0,284	0,004	0,011	0,159	FALSE
0,054	0,285	0,001	0,008	0,046	FALSE
0,003	0,283	-0,002	0,007	0,079	FALSE
0,175	0,288	0,005	0,008	0,291	FALSE
-0,113	0,282	-0,004	0,010	0,169	FALSE
-0,100	0,291	-0,004	0,010	0,160	FALSE
-0,109	0,284	-0,005	0,011	0,169	FALSE
-0,064	0,275	-0,002	0,014	0,059	FALSE
0,076	0,278	0,002	0,014	0,053	FALSE
-0,054	0,290	-0,002	0,009	0,066	FALSE
-0,045	0,289	0,001	0,011	0,029	FALSE
-0,077	0,280	-0,002	0,008	0,088	FALSE
0,023	0,290	0,001	0,007	0,072	FALSE
0,028	0,296	0,001	0,013	0,019	FALSE
-0,076	0,273	-0,002	0,013	0,066	FALSE
0,056	0,295	-0,001	0,009	0,023	FALSE
0,176	0,264	0,005	0,013	0,171	FALSE
-0,094	0,279	-0,003	0,009	0,115	FALSE
-0,059	0,293	-0,001	0,014	0,023	FALSE
-0,044	0,296	-0,001	0,008	0,030	FALSE
-0,081	0,296	-0,001	0,008	0,053	FALSE
-0,250	0,273	-0,009	0,011	0,362	FALSE
-0,100	0,278	-0,006	0,014	0,157	FALSE
-0,146	0,262	-0,008	0,014	0,275	FALSE
-0,010	0,293	-0,001	0,013	0,027	FALSE
-0,086	0,287	-0,005	0,014	0,139	FALSE
0,036	0,293	0,000	0,008	0,023	FALSE
-0,008	0,291	0,002	0,014	0,040	FALSE
0,190	0,295	0,006	0,011	0,224	FALSE
-0,040	0,288	0,000	0,014	0,002	FALSE
-0,138	0,291	-0,007	0,014	0,212	FALSE
0,146	0,281	0,004	0,010	0,178	FALSE
0,086	0,264	0,003	0,013	0,092	FALSE
-0,084	0,278	-0,005	0,015	0,127	FALSE
-0,177	0,302	-0,004	0,008	0,201	FALSE
-0,032	0,296	-0,001	0,015	0,020	FALSE

-0,062	0,296	-0,001	0,008	0,059	FALSE
-0,009	0,291	-0,001	0,012	0,031	FALSE
-0,053	0,281	-0,001	0,010	0,037	FALSE
0,051	0,287	0,002	0,014	0,040	FALSE
-0,033	0,286	0,000	0,009	0,012	FALSE
0,162	0,282	0,003	0,009	0,154	FALSE
0,027	0,290	0,001	0,011	0,019	FALSE
0,092	0,288	0,001	0,010	0,038	FALSE
-0,168	0,276	-0,004	0,010	0,176	FALSE
-0,201	0,282	-0,005	0,010	0,198	FALSE
-0,151	0,277	-0,007	0,015	0,183	FALSE
0,149	0,284	0,004	0,008	0,227	FALSE
-0,124	0,291	-0,003	0,012	0,081	FALSE
0,047	0,291	0,000	0,014	0,010	FALSE
0,053	0,293	0,001	0,008	0,064	FALSE
0,108	0,292	0,003	0,010	0,118	FALSE
0,134	0,285	0,004	0,008	0,227	FALSE
0,102	0,273	0,002	0,009	0,090	FALSE
0,092	0,280	0,002	0,007	0,135	FALSE
0,143	0,276	0,004	0,010	0,160	FALSE
-0,074	0,288	-0,005	0,013	0,141	FALSE
-0,046	0,288	0,000	0,012	0,014	FALSE
0,032	0,268	-0,002	0,011	0,061	FALSE
0,122	0,299	0,003	0,012	0,110	FALSE
-0,120	0,263	-0,005	0,010	0,188	FALSE
0,083	0,292	0,004	0,013	0,136	FALSE
0,074	0,293	0,002	0,014	0,060	FALSE
0,120	0,284	0,004	0,014	0,107	FALSE
0,200	0,281	0,011	0,014	0,369	FALSE
-0,140	0,284	-0,008	0,014	0,247	FALSE
0,237	0,279	0,005	0,007	0,273	FALSE
-0,116	0,280	-0,003	0,008	0,125	FALSE
0,003	0,277	-0,001	0,008	0,041	FALSE
-0,028	0,275	-0,002	0,008	0,073	FALSE
0,005	0,277	0,000	0,014	0,006	FALSE
-0,018	0,278	-0,001	0,010	0,049	FALSE
0,056	0,304	0,003	0,013	0,096	FALSE
-0,124	0,280	-0,005	0,010	0,198	FALSE
0,038	0,290	0,001	0,014	0,027	FALSE
0,036	0,292	0,002	0,014	0,047	FALSE
0,014	0,281	0,001	0,013	0,015	FALSE
-0,071	0,294	-0,002	0,008	0,102	FALSE
0,108	0,275	0,004	0,012	0,117	FALSE
0,109	0,266	0,004	0,012	0,119	FALSE
0,120	0,288	0,004	0,013	0,120	FALSE
0,106	0,281	0,003	0,012	0,103	FALSE
-0,120	0,294	-0,003	0,013	0,077	FALSE
0,202	0,279	0,009	0,015	0,262	FALSE
0,178	0,280	0,008	0,015	0,240	FALSE
0,202	0,275	0,009	0,015	0,286	FALSE
0,143	0,294	0,007	0,015	0,181	FALSE
-0,181	0,274	-0,004	0,008	0,194	FALSE
0,101	0,299	0,006	0,015	0,148	FALSE

0,180	0,283	0,008	0,015	0,236	FALSE
-0,175	0,284	-0,004	0,008	0,190	FALSE
-0,116	0,290	-0,005	0,015	0,138	FALSE
-0,148	0,287	-0,005	0,013	0,135	FALSE
-0,205	0,293	-0,004	0,008	0,227	FALSE
-0,128	0,267	-0,008	0,012	0,294	FALSE
-0,126	0,265	-0,008	0,013	0,244	FALSE
-0,039	0,268	0,000	0,008	0,000	FALSE
-0,097	0,285	-0,003	0,009	0,123	FALSE
-0,038	0,304	-0,001	0,008	0,026	FALSE
0,232	0,279	0,005	0,008	0,275	FALSE
0,061	0,269	0,001	0,012	0,043	FALSE
0,072	0,287	0,001	0,010	0,039	FALSE
-0,188	0,268	-0,005	0,011	0,214	FALSE
-0,076	0,292	-0,003	0,010	0,121	FALSE
0,064	0,285	0,001	0,008	0,039	FALSE
0,049	0,294	0,001	0,008	0,032	FALSE
-0,041	0,296	-0,001	0,008	0,024	FALSE
-0,132	0,289	-0,004	0,014	0,117	FALSE
0,057	0,296	0,001	0,013	0,026	FALSE
0,146	0,287	0,006	0,013	0,177	FALSE
-0,008	0,275	0,000	0,010	0,002	FALSE
-0,068	0,288	-0,002	0,011	0,076	FALSE
0,038	0,279	0,001	0,008	0,050	FALSE
-0,026	0,289	-0,001	0,010	0,042	FALSE
-0,091	0,300	-0,002	0,015	0,061	FALSE
0,063	0,291	0,002	0,011	0,072	FALSE
0,009	0,284	0,001	0,015	0,019	FALSE
-0,079	0,266	-0,001	0,010	0,034	FALSE
-0,069	0,287	-0,003	0,013	0,078	FALSE
0,190	0,257	0,007	0,014	0,223	FALSE
0,048	0,289	0,001	0,010	0,036	FALSE
0,132	0,282	0,006	0,015	0,151	FALSE
0,164	0,275	0,005	0,015	0,145	FALSE
-0,005	0,293	0,000	0,009	0,011	FALSE
-0,141	0,296	-0,006	0,012	0,200	FALSE
0,156	0,284	0,006	0,010	0,270	FALSE
-0,065	0,290	-0,002	0,009	0,094	FALSE
-0,067	0,294	-0,002	0,009	0,061	FALSE
0,045	0,287	0,001	0,014	0,037	FALSE
-0,043	0,296	0,001	0,009	0,033	FALSE
0,009	0,288	-0,002	0,007	0,095	FALSE
-0,008	0,281	-0,002	0,007	0,121	FALSE
0,125	0,286	0,004	0,009	0,191	FALSE
0,036	0,289	0,003	0,014	0,088	FALSE
0,001	0,281	0,003	0,014	0,074	FALSE
-0,074	0,279	-0,005	0,013	0,165	FALSE
0,087	0,283	0,000	0,012	0,006	FALSE
-0,174	0,280	-0,005	0,012	0,184	FALSE
-0,064	0,276	-0,001	0,008	0,032	FALSE
-0,043	0,293	-0,002	0,013	0,048	FALSE
0,140	0,276	0,003	0,008	0,117	FALSE
-0,021	0,288	0,001	0,009	0,019	FALSE

0,149	0,281	0,003	0,009	0,134	FALSE
-0,106	0,289	-0,004	0,015	0,102	FALSE
-0,056	0,296	-0,003	0,014	0,073	FALSE
-0,129	0,280	-0,002	0,011	0,085	FALSE
0,045	0,278	0,002	0,014	0,062	FALSE
0,069	0,289	0,004	0,015	0,092	FALSE
0,164	0,276	0,007	0,013	0,219	FALSE
0,046	0,292	0,002	0,015	0,057	FALSE
0,069	0,290	0,002	0,015	0,062	FALSE
0,036	0,296	0,002	0,015	0,060	FALSE
0,082	0,290	0,002	0,013	0,060	FALSE
0,037	0,286	0,001	0,011	0,024	FALSE
-0,040	0,282	-0,001	0,015	0,026	FALSE
-0,119	0,288	-0,003	0,014	0,078	FALSE
-0,042	0,275	-0,001	0,012	0,021	FALSE
0,148	0,285	0,002	0,009	0,070	FALSE
0,125	0,281	0,003	0,011	0,087	FALSE
-0,105	0,269	-0,002	0,010	0,069	FALSE
-0,218	0,274	-0,005	0,007	0,276	FALSE
-0,015	0,294	0,000	0,011	0,010	FALSE
0,007	0,264	0,000	0,009	0,016	FALSE
0,184	0,275	0,006	0,011	0,241	FALSE
-0,303	0,257	-0,008	0,010	0,420	FALSE
0,248	0,279	0,012	0,014	0,388	FALSE
0,056	0,293	0,002	0,007	0,121	FALSE
-0,026	0,290	0,002	0,013	0,045	FALSE
0,020	0,307	0,000	0,012	0,002	FALSE
0,191	0,280	0,004	0,008	0,222	FALSE
-0,027	0,287	0,000	0,008	0,018	FALSE
0,149	0,289	0,003	0,007	0,195	FALSE
0,092	0,295	0,003	0,007	0,144	FALSE
-0,026	0,297	-0,002	0,013	0,050	FALSE
-0,074	0,288	-0,002	0,012	0,081	FALSE
-0,137	0,287	-0,003	0,011	0,104	FALSE
0,133	0,283	0,005	0,010	0,211	FALSE
0,123	0,288	0,004	0,010	0,186	FALSE
-0,151	0,287	-0,004	0,007	0,233	FALSE
-0,005	0,279	0,000	0,014	0,003	FALSE
-0,216	0,272	-0,005	0,008	0,266	FALSE
-0,045	0,275	-0,002	0,008	0,068	FALSE
0,000	0,279	0,000	0,008	0,017	FALSE
-0,059	0,282	-0,002	0,008	0,086	FALSE
-0,127	0,281	-0,005	0,009	0,241	FALSE
0,040	0,302	0,002	0,015	0,051	FALSE
0,121	0,286	0,005	0,009	0,212	FALSE
0,025	0,290	0,001	0,013	0,032	FALSE
-0,126	0,291	-0,002	0,008	0,090	FALSE
-0,005	0,278	0,001	0,014	0,024	FALSE
-0,141	0,273	-0,004	0,009	0,181	FALSE
-0,109	0,277	-0,004	0,010	0,169	FALSE
-0,095	0,285	-0,003	0,012	0,104	FALSE
-0,047	0,276	-0,001	0,010	0,030	FALSE
0,229	0,266	0,011	0,013	0,397	FALSE

-0,094	0,277	-0,004	0,014	0,123	FALSE
-0,096	0,304	-0,005	0,014	0,146	FALSE
-0,144	0,281	-0,007	0,014	0,208	FALSE
-0,117	0,284	-0,004	0,008	0,200	FALSE
-0,102	0,266	-0,003	0,008	0,177	FALSE
0,031	0,296	0,001	0,014	0,023	FALSE
0,161	0,286	0,004	0,013	0,124	FALSE
0,001	0,299	-0,002	0,014	0,044	FALSE
0,031	0,296	-0,001	0,014	0,016	FALSE
-0,039	0,298	0,001	0,014	0,016	FALSE
0,062	0,286	0,002	0,010	0,088	FALSE
0,036	0,299	0,002	0,008	0,126	FALSE
0,104	0,290	0,002	0,010	0,063	FALSE
0,158	0,282	0,007	0,013	0,245	FALSE
-0,051	0,297	0,000	0,009	0,012	FALSE
0,226	0,289	0,005	0,008	0,260	FALSE
-0,001	0,292	-0,001	0,014	0,014	FALSE
0,044	0,287	0,000	0,007	0,015	FALSE
0,046	0,297	0,002	0,010	0,081	FALSE
-0,041	0,281	-0,002	0,007	0,095	FALSE
-0,047	0,299	-0,002	0,014	0,038	FALSE
-0,058	0,280	-0,001	0,012	0,016	FALSE
-0,052	0,281	-0,003	0,008	0,153	FALSE
0,086	0,274	0,000	0,008	0,014	FALSE
0,080	0,292	0,001	0,009	0,052	FALSE
0,086	0,270	0,002	0,014	0,052	FALSE
0,165	0,277	0,006	0,011	0,259	FALSE
-0,046	0,285	-0,005	0,013	0,149	FALSE
-0,013	0,273	-0,003	0,013	0,093	FALSE
-0,049	0,300	-0,003	0,013	0,103	FALSE
-0,022	0,296	0,000	0,009	0,009	FALSE
-0,228	0,274	-0,008	0,014	0,246	FALSE
-0,006	0,291	-0,001	0,008	0,046	FALSE
-0,045	0,280	-0,001	0,011	0,020	FALSE
0,113	0,298	0,007	0,014	0,194	FALSE
0,095	0,279	0,004	0,015	0,104	FALSE
-0,024	0,275	0,001	0,008	0,022	FALSE
0,225	0,279	0,006	0,009	0,295	FALSE
-0,059	0,292	-0,003	0,010	0,112	FALSE
-0,059	0,305	-0,003	0,015	0,080	FALSE
-0,264	0,267	-0,006	0,007	0,368	FALSE
-0,087	0,279	-0,002	0,013	0,066	FALSE
0,005	0,275	0,001	0,015	0,027	FALSE
-0,035	0,291	0,000	0,010	0,010	FALSE
-0,197	0,281	-0,006	0,009	0,290	FALSE
-0,191	0,270	-0,006	0,009	0,280	FALSE
-0,191	0,296	-0,009	0,014	0,270	FALSE
0,200	0,297	0,006	0,010	0,266	FALSE
-0,215	0,286	-0,010	0,015	0,294	FALSE
-0,139	0,283	-0,007	0,015	0,205	FALSE
-0,154	0,284	-0,003	0,007	0,155	FALSE
-0,089	0,279	-0,005	0,014	0,143	FALSE
-0,085	0,294	-0,004	0,013	0,123	FALSE

0,045	0,275	0,003	0,013	0,088	FALSE
0,001	0,287	0,000	0,014	0,005	FALSE
0,004	0,299	-0,001	0,013	0,026	FALSE
-0,045	0,282	-0,002	0,008	0,092	FALSE
0,089	0,278	0,003	0,008	0,128	FALSE
0,180	0,281	0,004	0,007	0,270	FALSE
0,251	0,277	0,005	0,008	0,292	FALSE
-0,115	0,282	-0,002	0,008	0,083	FALSE
-0,055	0,279	-0,001	0,008	0,059	FALSE
0,128	0,285	0,004	0,011	0,128	FALSE
0,080	0,295	0,002	0,012	0,072	FALSE
-0,092	0,285	-0,001	0,008	0,056	FALSE
-0,191	0,297	-0,008	0,016	0,221	FALSE
0,001	0,281	0,001	0,012	0,024	FALSE
0,026	0,271	0,001	0,011	0,045	FALSE
-0,134	0,291	-0,005	0,012	0,173	FALSE
-0,117	0,297	-0,004	0,012	0,137	FALSE
0,064	0,281	0,003	0,014	0,082	FALSE
0,060	0,286	0,003	0,011	0,102	FALSE
0,018	0,297	0,000	0,013	0,010	FALSE
-0,112	0,286	-0,004	0,015	0,108	FALSE
-0,043	0,282	-0,001	0,011	0,031	FALSE
-0,132	0,279	-0,004	0,010	0,164	FALSE
0,087	0,292	0,003	0,010	0,127	FALSE
0,141	0,266	0,003	0,008	0,146	FALSE
-0,025	0,298	0,001	0,008	0,049	FALSE
0,075	0,290	0,005	0,014	0,127	FALSE
-0,108	0,283	-0,002	0,007	0,098	FALSE
-0,068	0,286	-0,004	0,014	0,105	FALSE
0,052	0,286	0,003	0,014	0,069	FALSE
0,061	0,286	0,002	0,013	0,061	FALSE
0,089	0,276	0,002	0,009	0,102	FALSE
-0,047	0,294	0,000	0,009	0,005	FALSE
0,072	0,290	0,001	0,010	0,035	FALSE
0,021	0,298	0,002	0,012	0,080	FALSE
-0,004	0,284	0,001	0,012	0,044	FALSE
-0,013	0,289	0,000	0,014	0,005	FALSE
0,009	0,305	-0,001	0,015	0,014	FALSE
-0,168	0,274	-0,005	0,009	0,249	FALSE
0,034	0,284	0,002	0,015	0,054	FALSE
-0,007	0,299	0,000	0,009	0,002	FALSE
-0,107	0,285	-0,005	0,014	0,125	FALSE
-0,063	0,277	-0,002	0,010	0,064	FALSE
-0,038	0,275	-0,001	0,010	0,058	FALSE
-0,052	0,292	-0,002	0,015	0,054	FALSE
0,035	0,280	-0,001	0,014	0,027	FALSE
0,076	0,298	0,003	0,010	0,143	FALSE
0,052	0,293	0,002	0,013	0,068	FALSE
-0,084	0,288	-0,003	0,008	0,144	FALSE
-0,180	0,289	-0,008	0,012	0,272	FALSE
-0,039	0,276	0,001	0,008	0,033	FALSE
-0,078	0,290	-0,001	0,008	0,056	FALSE
-0,034	0,285	0,001	0,008	0,046	FALSE

-0,013	0,280	0,001	0,007	0,052	FALSE
0,005	0,283	0,002	0,007	0,099	FALSE
-0,030	0,285	-0,001	0,008	0,031	FALSE
0,067	0,296	0,006	0,015	0,156	FALSE
0,109	0,286	0,004	0,012	0,131	FALSE
0,088	0,289	0,000	0,011	0,012	FALSE
-0,024	0,275	-0,002	0,013	0,047	FALSE
-0,028	0,281	-0,003	0,013	0,086	FALSE
-0,036	0,276	-0,001	0,008	0,038	FALSE
-0,029	0,297	-0,001	0,009	0,032	FALSE
0,072	0,290	0,001	0,013	0,042	FALSE
0,030	0,273	-0,001	0,012	0,021	FALSE
-0,025	0,277	0,000	0,008	0,015	FALSE
-0,041	0,299	-0,001	0,008	0,035	FALSE
-0,022	0,281	0,000	0,007	0,014	FALSE
-0,037	0,278	-0,001	0,012	0,043	FALSE
0,006	0,293	-0,001	0,011	0,041	FALSE
0,188	0,280	0,003	0,008	0,179	FALSE
0,055	0,300	0,003	0,014	0,075	FALSE
-0,032	0,295	0,000	0,014	0,005	FALSE
-0,054	0,298	-0,001	0,014	0,013	FALSE
-0,032	0,299	-0,001	0,009	0,055	FALSE
-0,022	0,295	-0,001	0,009	0,036	FALSE
0,002	0,288	0,000	0,009	0,018	FALSE
0,033	0,272	0,001	0,011	0,027	FALSE
0,140	0,280	0,007	0,014	0,216	FALSE
0,080	0,279	0,002	0,014	0,065	FALSE
0,085	0,270	0,003	0,014	0,087	FALSE
0,078	0,273	0,003	0,014	0,074	FALSE
0,100	0,277	0,004	0,014	0,108	FALSE
0,055	0,273	0,001	0,011	0,051	FALSE
-0,090	0,291	-0,002	0,008	0,103	FALSE
-0,039	0,286	-0,002	0,013	0,048	FALSE
0,131	0,278	0,005	0,014	0,132	FALSE
-0,057	0,299	-0,002	0,011	0,079	FALSE
-0,057	0,282	-0,001	0,008	0,056	FALSE
-0,034	0,285	0,000	0,013	0,010	FALSE
-0,075	0,293	-0,001	0,009	0,057	FALSE
-0,026	0,293	-0,001	0,015	0,018	FALSE
-0,217	0,285	-0,007	0,012	0,262	FALSE
-0,139	0,282	-0,003	0,008	0,161	FALSE
-0,116	0,294	-0,003	0,008	0,145	FALSE
0,041	0,285	0,004	0,014	0,124	FALSE
0,018	0,285	-0,001	0,014	0,017	FALSE
0,000	0,285	-0,001	0,009	0,034	FALSE
0,055	0,284	0,002	0,007	0,098	FALSE
0,030	0,284	0,000	0,008	0,014	FALSE
0,133	0,286	0,003	0,011	0,120	FALSE
-0,092	0,289	-0,005	0,014	0,141	FALSE
-0,087	0,288	-0,003	0,010	0,101	FALSE
0,080	0,280	0,003	0,012	0,107	FALSE
0,018	0,275	0,002	0,011	0,069	FALSE
0,024	0,276	0,000	0,014	0,003	FALSE

0,031	0,283	0,004	0,015	0,092	FALSE
0,029	0,270	0,000	0,014	0,001	FALSE
0,031	0,283	0,001	0,011	0,018	FALSE
0,011	0,277	-0,001	0,010	0,020	FALSE
0,022	0,277	0,002	0,009	0,082	FALSE
-0,065	0,280	-0,002	0,009	0,063	FALSE
0,133	0,294	0,004	0,009	0,196	FALSE
-0,034	0,286	-0,004	0,013	0,129	FALSE
-0,051	0,283	0,002	0,013	0,041	FALSE
0,029	0,295	0,004	0,014	0,097	FALSE
0,086	0,295	0,007	0,014	0,196	FALSE
0,107	0,291	0,007	0,014	0,217	FALSE
0,229	0,271	0,007	0,011	0,271	FALSE
0,057	0,299	0,001	0,008	0,066	FALSE
-0,012	0,279	0,000	0,010	0,001	FALSE
0,014	0,286	0,000	0,014	0,009	FALSE
0,067	0,277	0,001	0,008	0,025	FALSE
0,093	0,287	0,005	0,014	0,133	FALSE
-0,035	0,279	-0,001	0,011	0,023	FALSE
-0,004	0,276	0,002	0,014	0,054	FALSE
-0,032	0,294	0,000	0,009	0,014	FALSE
-0,016	0,293	0,000	0,008	0,008	FALSE
0,016	0,290	0,001	0,014	0,035	FALSE
0,015	0,284	0,001	0,015	0,022	FALSE
-0,023	0,287	-0,002	0,014	0,052	FALSE
-0,065	0,301	-0,002	0,015	0,059	FALSE
-0,032	0,304	-0,002	0,009	0,062	FALSE
-0,123	0,261	0,000	0,013	0,012	FALSE
0,138	0,260	0,004	0,013	0,117	FALSE
0,118	0,283	0,002	0,008	0,103	FALSE
0,143	0,288	0,003	0,014	0,079	FALSE
-0,140	0,285	-0,005	0,013	0,176	FALSE
0,028	0,290	0,002	0,014	0,057	FALSE
0,077	0,284	0,002	0,014	0,040	FALSE
0,227	0,272	0,010	0,011	0,413	FALSE
0,023	0,289	0,000	0,009	0,018	FALSE
-0,074	0,288	-0,004	0,014	0,096	FALSE
-0,028	0,292	-0,002	0,014	0,042	FALSE
-0,111	0,279	-0,006	0,011	0,218	FALSE
-0,015	0,298	0,001	0,008	0,027	FALSE
0,028	0,283	-0,001	0,009	0,029	FALSE
0,034	0,275	0,000	0,009	0,009	FALSE
-0,095	0,301	-0,004	0,011	0,130	FALSE
-0,108	0,294	-0,002	0,008	0,109	FALSE
-0,001	0,281	-0,002	0,013	0,054	FALSE
0,065	0,291	0,003	0,012	0,102	FALSE
-0,069	0,267	-0,001	0,013	0,017	FALSE
-0,071	0,277	-0,005	0,013	0,156	FALSE
-0,074	0,281	-0,001	0,014	0,018	FALSE
0,148	0,284	0,004	0,008	0,209	FALSE
0,050	0,287	0,002	0,011	0,075	FALSE
-0,040	0,286	-0,002	0,010	0,093	FALSE
-0,028	0,287	-0,001	0,009	0,053	FALSE

0,019	0,280	0,000	0,013	0,013	FALSE
0,044	0,289	0,000	0,012	0,010	FALSE
-0,003	0,307	-0,001	0,008	0,044	FALSE
0,008	0,289	-0,001	0,008	0,059	FALSE
-0,011	0,270	-0,002	0,008	0,082	FALSE
0,116	0,287	0,002	0,008	0,102	FALSE
0,023	0,283	0,000	0,008	0,000	FALSE
0,101	0,284	0,002	0,008	0,081	FALSE
0,124	0,284	0,003	0,008	0,127	FALSE
0,001	0,288	0,001	0,009	0,046	FALSE
0,064	0,283	0,001	0,008	0,031	FALSE
0,062	0,292	0,001	0,008	0,049	FALSE
0,079	0,278	0,000	0,007	0,025	FALSE
-0,008	0,274	0,001	0,011	0,033	FALSE
-0,039	0,286	0,000	0,008	0,010	FALSE
0,169	0,296	0,009	0,013	0,306	FALSE
0,024	0,290	0,004	0,012	0,154	FALSE
0,079	0,288	0,000	0,011	0,002	FALSE
0,114	0,288	0,001	0,011	0,019	FALSE
-0,063	0,297	-0,001	0,014	0,037	FALSE
-0,106	0,289	-0,002	0,014	0,065	FALSE
0,097	0,279	0,003	0,014	0,071	FALSE
0,050	0,305	0,000	0,009	0,018	FALSE
0,044	0,289	0,001	0,008	0,048	FALSE
0,126	0,289	0,002	0,009	0,097	FALSE
0,071	0,313	0,002	0,014	0,052	FALSE
0,044	0,278	0,003	0,010	0,101	FALSE
0,004	0,275	0,000	0,010	0,013	FALSE
0,000	0,282	0,000	0,008	0,007	FALSE
-0,152	0,290	-0,006	0,014	0,165	FALSE
-0,006	0,283	0,000	0,008	0,014	FALSE
0,073	0,284	0,001	0,010	0,032	FALSE
0,130	0,293	0,003	0,007	0,179	FALSE
-0,038	0,282	-0,002	0,008	0,097	FALSE
0,117	0,271	0,004	0,012	0,118	FALSE
-0,107	0,275	-0,004	0,009	0,201	FALSE
-0,085	0,292	-0,003	0,009	0,113	FALSE
-0,201	0,283	-0,005	0,011	0,213	FALSE
0,010	0,272	-0,001	0,011	0,033	FALSE
-0,011	0,271	0,000	0,014	0,007	FALSE
-0,220	0,267	-0,007	0,010	0,345	FALSE
-0,014	0,279	-0,002	0,011	0,065	FALSE
0,190	0,280	0,004	0,008	0,192	FALSE
-0,194	0,274	-0,009	0,012	0,313	FALSE
-0,086	0,276	-0,002	0,009	0,081	FALSE
0,101	0,277	0,002	0,008	0,100	FALSE
-0,035	0,300	0,000	0,008	0,011	FALSE
0,040	0,283	0,000	0,011	0,004	FALSE
-0,095	0,295	-0,003	0,008	0,137	FALSE
-0,142	0,289	-0,003	0,010	0,136	FALSE
0,053	0,281	0,001	0,010	0,033	FALSE
-0,036	0,293	0,000	0,015	0,008	FALSE
0,083	0,273	0,003	0,014	0,088	FALSE

-0,041	0,306	-0,003	0,015	0,066	FALSE
0,059	0,281	0,000	0,014	0,005	FALSE
0,019	0,283	-0,001	0,014	0,037	FALSE
-0,020	0,292	-0,003	0,014	0,079	FALSE
0,046	0,292	0,001	0,007	0,055	FALSE
-0,064	0,293	-0,002	0,012	0,071	FALSE
-0,108	0,280	-0,004	0,008	0,199	FALSE
-0,015	0,302	0,000	0,008	0,020	FALSE
0,106	0,291	0,003	0,008	0,167	FALSE
0,072	0,278	0,003	0,015	0,081	FALSE
0,044	0,277	0,002	0,013	0,057	FALSE
0,085	0,274	0,001	0,010	0,019	FALSE
-0,087	0,289	-0,003	0,012	0,085	FALSE
0,047	0,285	0,005	0,011	0,177	FALSE
0,001	0,282	0,000	0,008	0,006	FALSE
0,026	0,295	0,001	0,013	0,036	FALSE
-0,271	0,267	-0,007	0,008	0,451	FALSE
-0,210	0,283	-0,007	0,011	0,296	FALSE
0,018	0,274	0,002	0,015	0,059	FALSE
-0,015	0,283	-0,002	0,016	0,038	FALSE
0,017	0,268	0,002	0,014	0,048	FALSE
-0,010	0,302	0,000	0,014	0,012	FALSE
0,026	0,275	0,002	0,015	0,046	FALSE
0,053	0,290	0,003	0,010	0,105	FALSE
0,006	0,283	0,001	0,011	0,048	FALSE
0,026	0,292	0,002	0,015	0,041	FALSE
0,155	0,284	0,005	0,009	0,252	FALSE
0,117	0,279	0,002	0,007	0,096	FALSE
0,119	0,281	0,002	0,007	0,103	FALSE
0,088	0,279	0,001	0,007	0,048	FALSE
-0,092	0,292	-0,004	0,012	0,130	FALSE
-0,073	0,295	-0,002	0,010	0,061	FALSE
0,074	0,303	0,003	0,012	0,085	FALSE
-0,022	0,279	0,001	0,013	0,015	FALSE
-0,181	0,282	-0,005	0,009	0,254	FALSE
0,066	0,280	0,003	0,007	0,176	FALSE
-0,024	0,300	-0,001	0,009	0,037	FALSE
0,006	0,278	0,000	0,012	0,010	FALSE
0,038	0,291	0,001	0,007	0,043	FALSE
-0,002	0,283	0,001	0,011	0,018	FALSE
-0,122	0,291	-0,002	0,008	0,105	FALSE
-0,162	0,279	-0,004	0,009	0,201	FALSE
0,034	0,287	0,002	0,014	0,050	FALSE
0,048	0,294	0,001	0,011	0,040	FALSE
-0,158	0,275	-0,004	0,015	0,113	FALSE
0,109	0,281	0,003	0,015	0,088	FALSE
0,116	0,294	0,003	0,011	0,099	FALSE
-0,024	0,283	0,000	0,009	0,015	FALSE
-0,011	0,290	-0,002	0,014	0,062	FALSE
0,044	0,294	0,001	0,008	0,060	FALSE
-0,114	0,277	-0,005	0,011	0,185	FALSE
0,017	0,270	0,002	0,012	0,061	FALSE
-0,064	0,287	0,000	0,009	0,011	FALSE

0,115	0,273	0,005	0,013	0,163	FALSE
-0,184	0,272	-0,006	0,010	0,261	FALSE
0,023	0,275	0,001	0,008	0,042	FALSE
0,009	0,291	0,001	0,013	0,035	FALSE
-0,064	0,284	-0,001	0,009	0,029	FALSE
-0,021	0,285	-0,002	0,009	0,062	FALSE
-0,047	0,292	-0,002	0,013	0,073	FALSE
-0,046	0,281	-0,004	0,011	0,143	FALSE
-0,101	0,294	-0,006	0,010	0,226	FALSE
-0,020	0,287	-0,001	0,008	0,048	FALSE
0,168	0,276	0,003	0,008	0,182	FALSE
-0,114	0,291	-0,002	0,014	0,055	FALSE
-0,016	0,285	0,001	0,013	0,015	FALSE
0,196	0,276	0,004	0,007	0,222	FALSE
-0,005	0,278	0,004	0,015	0,109	FALSE
0,225	0,268	0,011	0,013	0,384	FALSE
-0,092	0,286	-0,003	0,015	0,067	FALSE
0,002	0,279	0,000	0,008	0,003	FALSE
0,157	0,273	0,008	0,014	0,260	FALSE
-0,136	0,283	-0,006	0,012	0,209	FALSE
-0,073	0,273	-0,004	0,010	0,150	FALSE
-0,035	0,300	-0,002	0,011	0,073	FALSE
0,014	0,282	0,002	0,008	0,073	FALSE
-0,044	0,304	-0,002	0,013	0,048	FALSE
-0,092	0,289	-0,001	0,008	0,051	FALSE
0,012	0,267	-0,002	0,008	0,080	FALSE
0,025	0,297	0,002	0,013	0,045	FALSE
0,171	0,278	0,004	0,010	0,174	FALSE
0,098	0,286	0,005	0,015	0,147	FALSE
0,085	0,296	0,003	0,015	0,064	FALSE
0,059	0,295	0,001	0,015	0,019	FALSE
-0,018	0,281	-0,002	0,011	0,060	FALSE
0,084	0,293	0,002	0,008	0,114	FALSE
0,021	0,283	0,002	0,014	0,050	FALSE
-0,089	0,289	-0,002	0,010	0,067	FALSE
0,089	0,280	0,002	0,008	0,100	FALSE
-0,007	0,297	0,000	0,013	0,001	FALSE
0,060	0,266	0,001	0,012	0,018	FALSE
-0,024	0,292	-0,002	0,013	0,047	FALSE
-0,027	0,290	-0,001	0,009	0,025	FALSE
-0,084	0,283	-0,003	0,010	0,109	FALSE
-0,086	0,290	-0,004	0,013	0,140	FALSE
-0,024	0,297	0,001	0,011	0,047	FALSE
-0,060	0,297	0,000	0,013	0,003	FALSE
-0,162	0,293	-0,005	0,014	0,143	FALSE
-0,159	0,283	-0,005	0,014	0,152	FALSE
-0,082	0,294	-0,002	0,008	0,115	FALSE
-0,053	0,296	-0,001	0,010	0,024	FALSE
-0,053	0,297	-0,001	0,010	0,024	FALSE
-0,095	0,295	-0,001	0,008	0,048	FALSE
0,157	0,283	0,006	0,014	0,166	FALSE
0,283	0,281	0,007	0,009	0,360	FALSE
0,006	0,288	0,000	0,011	0,012	FALSE

0,113	0,281	0,002	0,013	0,058	FALSE
-0,047	0,287	-0,002	0,011	0,085	FALSE
-0,141	0,268	-0,005	0,013	0,172	FALSE
-0,161	0,289	-0,004	0,008	0,205	FALSE
0,225	0,279	0,010	0,014	0,315	FALSE
0,117	0,287	0,004	0,009	0,174	FALSE
0,197	0,276	0,007	0,012	0,235	FALSE
-0,055	0,286	-0,002	0,008	0,099	FALSE
-0,009	0,283	0,002	0,013	0,064	FALSE
-0,195	0,276	-0,005	0,009	0,225	FALSE
0,210	0,282	0,007	0,013	0,254	FALSE
-0,071	0,277	-0,001	0,007	0,054	FALSE
-0,138	0,289	-0,006	0,013	0,171	FALSE
0,206	0,273	0,011	0,015	0,338	FALSE
-0,090	0,279	-0,002	0,007	0,088	FALSE
0,183	0,265	0,010	0,015	0,289	FALSE
0,048	0,302	0,001	0,010	0,035	FALSE
0,108	0,293	0,004	0,013	0,115	FALSE
-0,006	0,298	-0,001	0,010	0,028	FALSE
-0,030	0,287	-0,001	0,011	0,049	FALSE
0,114	0,269	0,001	0,008	0,055	FALSE
-0,041	0,269	0,000	0,012	0,008	FALSE
0,180	0,277	0,003	0,012	0,108	FALSE
-0,025	0,279	-0,002	0,009	0,099	FALSE
0,080	0,284	0,001	0,011	0,030	FALSE
-0,129	0,278	-0,007	0,014	0,228	FALSE
0,142	0,283	0,004	0,012	0,138	FALSE
-0,073	0,284	-0,001	0,012	0,015	FALSE
0,115	0,287	0,004	0,015	0,118	FALSE
0,120	0,274	0,004	0,014	0,112	FALSE
0,085	0,282	0,003	0,012	0,093	FALSE
-0,005	0,280	-0,002	0,013	0,066	FALSE
-0,006	0,281	-0,003	0,014	0,087	FALSE
-0,097	0,291	-0,004	0,012	0,130	FALSE
0,000	0,283	0,002	0,014	0,052	FALSE
-0,176	0,274	-0,004	0,010	0,165	FALSE
-0,133	0,271	-0,003	0,013	0,098	FALSE
-0,053	0,299	-0,003	0,011	0,111	FALSE
-0,056	0,288	-0,003	0,011	0,114	FALSE
-0,042	0,287	-0,002	0,010	0,088	FALSE
0,026	0,283	0,001	0,013	0,032	FALSE
0,079	0,278	0,002	0,009	0,090	FALSE
-0,063	0,291	-0,003	0,014	0,073	FALSE
0,115	0,288	0,006	0,014	0,162	FALSE
0,001	0,268	0,004	0,014	0,106	FALSE
0,002	0,284	0,002	0,013	0,065	FALSE
-0,169	0,296	-0,006	0,012	0,205	FALSE
0,027	0,295	0,001	0,010	0,021	FALSE
0,038	0,304	0,001	0,012	0,023	FALSE
0,109	0,296	0,002	0,009	0,061	FALSE
0,108	0,299	0,002	0,010	0,089	FALSE
0,141	0,287	0,003	0,009	0,151	FALSE
-0,030	0,292	-0,002	0,014	0,041	FALSE

0,015	0,283	0,000	0,007	0,018	FALSE
-0,076	0,278	-0,001	0,008	0,034	FALSE
0,124	0,299	0,003	0,011	0,114	FALSE
-0,063	0,279	-0,002	0,009	0,103	FALSE
-0,173	0,292	-0,010	0,015	0,283	FALSE
-0,168	0,284	-0,009	0,014	0,259	FALSE
0,132	0,293	0,004	0,012	0,141	FALSE
-0,145	0,291	-0,006	0,015	0,159	FALSE
-0,119	0,285	-0,003	0,011	0,121	FALSE
-0,113	0,278	-0,004	0,012	0,118	FALSE
0,015	0,297	0,000	0,015	0,003	FALSE
0,049	0,291	0,000	0,012	0,009	FALSE
-0,129	0,276	-0,002	0,008	0,115	FALSE
0,118	0,284	0,002	0,007	0,120	FALSE
0,067	0,283	0,002	0,012	0,078	FALSE
-0,061	0,278	-0,003	0,012	0,113	FALSE
0,038	0,284	0,001	0,009	0,030	FALSE
-0,019	0,270	-0,003	0,011	0,101	FALSE
-0,027	0,261	-0,003	0,011	0,120	FALSE
-0,053	0,293	-0,002	0,014	0,065	FALSE
-0,046	0,293	-0,001	0,008	0,037	FALSE
-0,060	0,273	-0,005	0,011	0,180	FALSE
0,076	0,287	0,002	0,007	0,090	FALSE
0,050	0,287	0,001	0,007	0,042	FALSE
-0,048	0,284	-0,001	0,008	0,055	FALSE
-0,018	0,290	0,000	0,009	0,002	FALSE
0,029	0,294	0,000	0,012	0,010	FALSE
-0,137	0,270	-0,003	0,008	0,122	FALSE
-0,001	0,292	0,001	0,015	0,012	FALSE
0,029	0,300	0,000	0,013	0,005	FALSE
-0,101	0,273	-0,006	0,013	0,193	FALSE
0,177	0,292	0,005	0,009	0,253	FALSE
-0,105	0,282	-0,004	0,009	0,165	FALSE
0,052	0,286	0,000	0,013	0,008	FALSE
-0,061	0,272	-0,004	0,013	0,129	FALSE
-0,088	0,278	-0,002	0,011	0,084	FALSE
0,105	0,281	0,001	0,008	0,061	FALSE
0,056	0,282	0,004	0,009	0,200	FALSE
-0,037	0,280	0,000	0,014	0,001	FALSE
0,061	0,289	0,002	0,009	0,083	FALSE
0,071	0,303	0,004	0,008	0,191	FALSE
-0,083	0,293	-0,002	0,009	0,069	FALSE
0,120	0,275	0,003	0,013	0,084	FALSE
-0,015	0,279	-0,004	0,015	0,092	FALSE
-0,034	0,291	0,000	0,011	0,013	FALSE
-0,197	0,270	-0,005	0,008	0,273	FALSE
-0,071	0,284	0,000	0,007	0,008	FALSE
-0,050	0,280	-0,002	0,013	0,048	FALSE
-0,007	0,302	-0,001	0,008	0,041	FALSE
0,059	0,270	0,003	0,014	0,092	FALSE
-0,091	0,293	-0,004	0,014	0,109	FALSE
0,075	0,292	0,003	0,014	0,090	FALSE
-0,045	0,288	-0,001	0,010	0,036	FALSE

0,062	0,294	0,001	0,012	0,045	FALSE
0,006	0,292	-0,001	0,014	0,014	FALSE
-0,098	0,272	-0,002	0,009	0,084	FALSE
-0,133	0,279	-0,004	0,010	0,148	FALSE
0,007	0,289	-0,001	0,014	0,027	FALSE
0,158	0,291	0,007	0,014	0,215	FALSE
0,064	0,288	0,003	0,015	0,084	FALSE
-0,150	0,284	-0,004	0,008	0,191	FALSE
-0,156	0,272	-0,004	0,008	0,184	FALSE
0,022	0,293	0,001	0,014	0,028	FALSE
-0,133	0,276	-0,004	0,014	0,111	FALSE
0,051	0,286	0,001	0,007	0,036	FALSE
-0,173	0,285	-0,004	0,008	0,177	FALSE
-0,178	0,271	-0,004	0,008	0,191	FALSE
-0,082	0,297	-0,003	0,008	0,168	FALSE
-0,038	0,281	0,000	0,009	0,001	FALSE
-0,018	0,289	0,000	0,010	0,006	FALSE
-0,244	0,273	-0,008	0,011	0,359	FALSE
-0,005	0,290	0,000	0,009	0,002	FALSE
-0,042	0,287	-0,001	0,010	0,037	FALSE
-0,072	0,286	-0,001	0,013	0,028	FALSE
-0,105	0,288	-0,003	0,011	0,097	FALSE
-0,149	0,273	-0,003	0,013	0,107	FALSE
0,051	0,292	-0,002	0,010	0,064	FALSE
0,181	0,269	0,004	0,008	0,178	FALSE
-0,005	0,286	-0,001	0,014	0,024	FALSE
-0,112	0,281	-0,002	0,008	0,111	FALSE
0,011	0,277	-0,001	0,007	0,029	FALSE
-0,116	0,287	-0,003	0,010	0,126	FALSE
-0,080	0,288	-0,003	0,010	0,119	FALSE
-0,220	0,275	-0,006	0,009	0,342	FALSE
0,119	0,286	0,002	0,009	0,095	FALSE
0,203	0,280	0,009	0,013	0,302	FALSE
0,283	0,264	0,014	0,015	0,446	TRUE
-0,109	0,267	-0,004	0,014	0,126	FALSE
-0,091	0,295	-0,002	0,009	0,095	FALSE
0,035	0,289	0,004	0,010	0,140	FALSE
0,110	0,273	0,002	0,012	0,065	FALSE
-0,170	0,283	-0,004	0,008	0,225	FALSE
-0,117	0,264	-0,002	0,008	0,116	FALSE
-0,097	0,296	-0,003	0,011	0,106	FALSE
0,200	0,267	0,005	0,010	0,209	FALSE
-0,018	0,302	0,000	0,010	0,007	FALSE
0,033	0,290	0,002	0,012	0,062	FALSE
-0,047	0,289	0,000	0,008	0,011	FALSE
-0,061	0,297	-0,001	0,009	0,032	FALSE
-0,049	0,291	-0,001	0,009	0,054	FALSE
-0,012	0,284	0,001	0,014	0,034	FALSE
-0,059	0,281	-0,001	0,008	0,039	FALSE
0,031	0,281	0,000	0,010	0,007	FALSE
0,074	0,288	0,002	0,014	0,046	FALSE
0,006	0,280	0,001	0,007	0,069	FALSE
0,029	0,289	0,003	0,015	0,089	FALSE

0,062	0,280	0,000	0,008	0,022	FALSE
0,035	0,293	0,001	0,011	0,044	FALSE
0,070	0,292	0,001	0,008	0,037	FALSE
-0,129	0,271	-0,004	0,014	0,098	FALSE
0,090	0,279	0,001	0,014	0,024	FALSE
0,021	0,289	0,001	0,014	0,020	FALSE
0,064	0,287	0,001	0,014	0,020	FALSE
0,027	0,298	0,001	0,009	0,035	FALSE
0,135	0,285	0,006	0,012	0,185	FALSE
-0,141	0,269	-0,008	0,013	0,299	FALSE
-0,025	0,293	-0,003	0,015	0,074	FALSE
-0,033	0,282	-0,004	0,015	0,116	FALSE
-0,058	0,279	-0,005	0,014	0,135	FALSE
-0,026	0,287	-0,003	0,014	0,086	FALSE
-0,056	0,296	-0,004	0,011	0,130	FALSE
-0,023	0,285	-0,003	0,014	0,086	FALSE
-0,034	0,301	-0,004	0,015	0,105	FALSE
-0,032	0,268	-0,003	0,013	0,106	FALSE
0,109	0,291	0,004	0,011	0,126	FALSE
-0,097	0,276	-0,006	0,013	0,191	FALSE
0,079	0,294	0,000	0,014	0,008	FALSE
-0,145	0,287	-0,003	0,008	0,162	FALSE
-0,062	0,286	-0,005	0,011	0,176	FALSE
-0,069	0,281	0,000	0,012	0,010	FALSE
-0,012	0,293	0,000	0,009	0,008	FALSE
-0,009	0,285	0,002	0,011	0,074	FALSE
-0,002	0,294	0,002	0,012	0,078	FALSE
0,087	0,299	0,003	0,012	0,094	FALSE
-0,063	0,285	-0,003	0,011	0,104	FALSE
0,090	0,295	0,005	0,012	0,159	FALSE
0,017	0,287	0,002	0,010	0,088	FALSE
0,048	0,283	0,001	0,010	0,032	FALSE
0,022	0,290	0,002	0,013	0,051	FALSE
-0,030	0,300	-0,002	0,009	0,062	FALSE
-0,050	0,295	-0,002	0,015	0,046	FALSE
-0,027	0,286	-0,003	0,014	0,090	FALSE
-0,063	0,280	-0,003	0,014	0,085	FALSE
0,076	0,300	0,005	0,011	0,164	FALSE
0,024	0,303	0,002	0,015	0,041	FALSE
-0,024	0,265	0,002	0,012	0,049	FALSE
-0,078	0,291	-0,001	0,014	0,034	FALSE
-0,081	0,277	-0,006	0,013	0,190	FALSE
-0,030	0,294	0,000	0,011	0,015	FALSE
-0,030	0,288	-0,001	0,008	0,058	FALSE
0,119	0,284	0,003	0,014	0,093	FALSE
0,070	0,295	0,004	0,012	0,129	FALSE
-0,041	0,286	-0,001	0,014	0,015	FALSE
0,133	0,282	0,004	0,011	0,124	FALSE
-0,005	0,277	0,001	0,007	0,058	FALSE
0,014	0,295	0,001	0,008	0,042	FALSE
0,047	0,287	0,002	0,010	0,070	FALSE
0,004	0,264	0,002	0,011	0,064	FALSE
0,030	0,293	-0,002	0,012	0,080	FALSE

0,025	0,289	0,002	0,009	0,086	FALSE
0,102	0,309	0,003	0,012	0,082	FALSE
0,017	0,304	0,000	0,011	0,004	FALSE
-0,012	0,317	-0,001	0,011	0,037	FALSE
0,005	0,294	0,000	0,011	0,012	FALSE
0,132	0,298	0,005	0,010	0,204	FALSE
-0,120	0,277	-0,003	0,009	0,131	FALSE
-0,120	0,297	-0,002	0,009	0,098	FALSE
-0,045	0,301	-0,002	0,011	0,064	FALSE
0,185	0,290	0,007	0,014	0,194	FALSE
-0,110	0,285	-0,004	0,008	0,235	FALSE
-0,111	0,285	-0,004	0,008	0,241	FALSE
0,023	0,277	0,000	0,010	0,013	FALSE
-0,035	0,271	0,003	0,013	0,086	FALSE
-0,120	0,286	-0,004	0,008	0,204	FALSE
-0,042	0,289	-0,001	0,013	0,032	FALSE
-0,089	0,269	-0,003	0,013	0,078	FALSE
0,002	0,287	0,001	0,013	0,026	FALSE
0,024	0,296	0,001	0,014	0,034	FALSE
-0,109	0,284	-0,003	0,007	0,171	FALSE
0,050	0,282	0,002	0,008	0,110	FALSE
0,022	0,284	-0,001	0,009	0,038	FALSE
0,099	0,277	0,000	0,008	0,012	FALSE
0,054	0,287	0,000	0,010	0,008	FALSE
-0,041	0,284	0,000	0,007	0,012	FALSE
-0,113	0,282	-0,005	0,013	0,135	FALSE
-0,081	0,283	-0,003	0,013	0,097	FALSE
0,043	0,306	0,001	0,008	0,042	FALSE
-0,042	0,279	-0,001	0,008	0,071	FALSE
0,190	0,265	0,007	0,014	0,217	FALSE
-0,085	0,289	-0,002	0,009	0,071	FALSE
0,047	0,292	0,002	0,008	0,083	FALSE
-0,151	0,271	-0,003	0,007	0,156	FALSE
0,072	0,285	0,002	0,015	0,058	FALSE
-0,174	0,278	-0,003	0,008	0,176	FALSE
-0,041	0,288	-0,002	0,013	0,052	FALSE
0,034	0,279	-0,001	0,010	0,025	FALSE
0,068	0,292	0,003	0,014	0,072	FALSE
0,136	0,286	0,003	0,008	0,166	FALSE
-0,010	0,293	0,000	0,010	0,010	FALSE
0,054	0,284	0,004	0,012	0,126	FALSE
-0,183	0,280	-0,005	0,008	0,295	FALSE
0,088	0,290	0,004	0,015	0,097	FALSE
0,095	0,278	0,005	0,015	0,130	FALSE
0,109	0,279	0,005	0,014	0,143	FALSE
0,073	0,293	0,003	0,008	0,139	FALSE
0,081	0,282	0,004	0,008	0,185	FALSE
0,076	0,281	0,002	0,012	0,069	FALSE
0,036	0,278	-0,002	0,015	0,038	FALSE
0,089	0,287	0,004	0,011	0,160	FALSE
-0,028	0,276	-0,001	0,011	0,019	FALSE
-0,116	0,276	-0,004	0,013	0,135	FALSE
-0,138	0,282	-0,004	0,009	0,191	FALSE

-0,001	0,280	0,002	0,013	0,073	FALSE
0,100	0,281	0,003	0,007	0,138	FALSE
0,013	0,288	0,001	0,008	0,039	FALSE
-0,070	0,273	-0,003	0,014	0,080	FALSE
0,163	0,283	0,004	0,008	0,220	FALSE
0,075	0,292	0,002	0,011	0,088	FALSE
0,038	0,272	0,001	0,014	0,034	FALSE
0,034	0,298	0,002	0,015	0,049	FALSE
-0,024	0,298	0,001	0,010	0,039	FALSE
-0,074	0,295	-0,001	0,007	0,045	FALSE
-0,101	0,298	-0,002	0,008	0,096	FALSE
0,152	0,274	0,004	0,012	0,123	FALSE
-0,166	0,278	-0,006	0,011	0,233	FALSE
-0,006	0,277	-0,001	0,014	0,018	FALSE
0,064	0,286	0,001	0,012	0,019	FALSE
-0,041	0,283	-0,003	0,011	0,088	FALSE
0,216	0,286	0,004	0,008	0,241	FALSE
-0,060	0,287	-0,001	0,014	0,032	FALSE
-0,040	0,280	-0,001	0,008	0,028	FALSE
0,045	0,273	0,002	0,012	0,061	FALSE
-0,066	0,287	-0,001	0,008	0,037	FALSE
-0,103	0,276	-0,003	0,009	0,145	FALSE
0,061	0,293	0,001	0,009	0,026	FALSE
-0,145	0,289	-0,003	0,008	0,130	FALSE
-0,009	0,290	0,001	0,009	0,026	FALSE
0,034	0,279	-0,001	0,015	0,028	FALSE
0,134	0,293	0,003	0,008	0,143	FALSE
-0,025	0,275	0,001	0,011	0,022	FALSE
-0,042	0,298	0,000	0,012	0,006	FALSE
0,141	0,283	0,002	0,008	0,083	FALSE
0,083	0,288	0,005	0,012	0,174	FALSE
-0,012	0,276	0,000	0,008	0,021	FALSE
0,144	0,271	0,004	0,010	0,151	FALSE
-0,073	0,264	-0,004	0,011	0,147	FALSE
-0,097	0,296	-0,002	0,011	0,081	FALSE
-0,121	0,281	-0,003	0,008	0,120	FALSE
-0,053	0,290	-0,001	0,011	0,040	FALSE
0,028	0,285	-0,001	0,015	0,016	FALSE
0,029	0,285	0,001	0,008	0,050	FALSE
0,042	0,280	0,002	0,012	0,046	FALSE
-0,048	0,283	-0,001	0,008	0,023	FALSE
0,053	0,294	0,001	0,010	0,030	FALSE
0,001	0,289	-0,002	0,016	0,037	FALSE
-0,039	0,291	-0,001	0,008	0,030	FALSE
0,037	0,286	0,001	0,008	0,049	FALSE
0,031	0,272	0,000	0,014	0,002	FALSE
-0,042	0,276	-0,001	0,008	0,052	FALSE
0,014	0,280	0,004	0,015	0,107	FALSE
0,053	0,285	0,004	0,013	0,106	FALSE
-0,076	0,285	-0,002	0,010	0,064	FALSE
-0,023	0,293	-0,002	0,010	0,073	FALSE
0,176	0,275	0,004	0,011	0,172	FALSE
-0,047	0,282	0,000	0,008	0,013	FALSE

-0,129	0,286	-0,002	0,010	0,072	FALSE
-0,060	0,291	-0,001	0,008	0,027	FALSE
0,009	0,278	-0,002	0,011	0,079	FALSE
0,008	0,264	-0,003	0,011	0,086	FALSE
0,038	0,290	0,001	0,009	0,058	FALSE
0,041	0,296	0,000	0,013	0,004	FALSE
-0,071	0,271	-0,001	0,015	0,037	FALSE
0,059	0,286	0,004	0,011	0,126	FALSE
-0,129	0,289	-0,003	0,007	0,142	FALSE
0,153	0,283	0,002	0,007	0,114	FALSE
-0,155	0,271	-0,006	0,013	0,194	FALSE
0,018	0,292	0,001	0,012	0,039	FALSE
0,127	0,273	0,006	0,011	0,241	FALSE
0,072	0,283	0,005	0,013	0,164	FALSE
0,083	0,292	0,006	0,014	0,186	FALSE
-0,007	0,285	0,000	0,008	0,016	FALSE
0,022	0,289	0,001	0,009	0,037	FALSE
0,033	0,289	-0,001	0,009	0,029	FALSE
0,024	0,289	0,000	0,009	0,018	FALSE
0,005	0,296	0,001	0,008	0,042	FALSE
-0,074	0,280	-0,001	0,009	0,048	FALSE
0,039	0,301	0,001	0,015	0,025	FALSE
-0,090	0,285	-0,002	0,008	0,092	FALSE
0,099	0,294	0,002	0,009	0,087	FALSE
0,021	0,297	0,000	0,012	0,003	FALSE
0,116	0,282	0,005	0,012	0,175	FALSE
0,100	0,278	0,006	0,014	0,181	FALSE
0,062	0,292	0,001	0,012	0,044	FALSE
-0,088	0,281	-0,002	0,013	0,048	FALSE
0,124	0,289	0,003	0,009	0,141	FALSE
0,084	0,298	0,002	0,007	0,131	FALSE
0,070	0,284	0,002	0,009	0,080	FALSE
0,052	0,294	0,001	0,008	0,051	FALSE
0,025	0,302	0,002	0,015	0,050	FALSE
-0,019	0,282	0,001	0,012	0,041	FALSE
0,078	0,284	0,005	0,015	0,125	FALSE
-0,085	0,294	-0,003	0,009	0,120	FALSE
-0,053	0,291	-0,002	0,009	0,103	FALSE
-0,014	0,292	-0,001	0,013	0,028	FALSE
0,006	0,297	0,000	0,008	0,021	FALSE
0,153	0,301	0,004	0,009	0,203	FALSE
-0,156	0,280	-0,005	0,012	0,183	FALSE
0,062	0,299	0,004	0,008	0,174	FALSE
0,046	0,293	0,002	0,015	0,052	FALSE
0,009	0,282	0,002	0,013	0,052	FALSE
-0,011	0,296	0,000	0,008	0,008	FALSE
-0,036	0,285	0,000	0,008	0,008	FALSE
0,088	0,288	0,005	0,013	0,156	FALSE
0,036	0,299	0,003	0,011	0,088	FALSE
0,005	0,301	0,001	0,009	0,037	FALSE
-0,093	0,282	-0,005	0,014	0,150	FALSE
0,097	0,286	0,002	0,007	0,125	FALSE
-0,068	0,301	-0,002	0,007	0,075	FALSE

0,178	0,270	0,009	0,014	0,258	FALSE
-0,018	0,285	0,000	0,008	0,012	FALSE
-0,081	0,281	-0,004	0,015	0,105	FALSE
-0,037	0,288	0,000	0,008	0,016	FALSE
0,093	0,279	0,003	0,014	0,072	FALSE
-0,100	0,290	-0,004	0,008	0,192	FALSE
-0,102	0,306	-0,004	0,009	0,172	FALSE
-0,115	0,299	-0,004	0,008	0,211	FALSE
-0,003	0,287	-0,002	0,010	0,063	FALSE
-0,118	0,293	-0,004	0,014	0,095	FALSE
0,094	0,285	0,004	0,014	0,108	FALSE
0,033	0,276	0,001	0,009	0,021	FALSE
0,041	0,289	0,002	0,008	0,071	FALSE
0,052	0,280	0,002	0,008	0,071	FALSE
-0,118	0,286	-0,003	0,009	0,113	FALSE
0,135	0,287	0,005	0,010	0,192	FALSE
0,081	0,281	0,003	0,008	0,125	FALSE
0,070	0,285	0,001	0,007	0,069	FALSE
-0,104	0,281	-0,004	0,008	0,173	FALSE
-0,103	0,277	-0,006	0,013	0,214	FALSE
-0,167	0,282	-0,011	0,014	0,348	FALSE
0,080	0,290	0,003	0,008	0,147	FALSE
0,029	0,305	0,000	0,012	0,012	FALSE
0,021	0,298	0,000	0,012	0,012	FALSE
0,035	0,292	0,001	0,012	0,041	FALSE
0,120	0,280	0,005	0,015	0,146	FALSE
0,082	0,282	0,003	0,012	0,112	FALSE
-0,073	0,284	0,000	0,008	0,014	FALSE
0,022	0,304	0,001	0,014	0,027	FALSE
0,133	0,286	0,005	0,012	0,163	FALSE
-0,045	0,273	-0,001	0,008	0,029	FALSE
0,059	0,284	0,002	0,012	0,061	FALSE
-0,068	0,262	-0,004	0,013	0,106	FALSE
-0,121	0,280	-0,006	0,014	0,176	FALSE
-0,010	0,279	-0,001	0,011	0,036	FALSE
0,116	0,282	0,006	0,015	0,150	FALSE
-0,064	0,285	-0,001	0,008	0,056	FALSE
-0,157	0,295	-0,003	0,009	0,149	FALSE
0,021	0,277	0,005	0,015	0,135	FALSE
0,036	0,295	0,006	0,015	0,143	FALSE
0,020	0,271	0,001	0,008	0,054	FALSE
-0,026	0,283	-0,004	0,013	0,103	FALSE
0,171	0,272	0,006	0,013	0,174	FALSE
0,178	0,273	0,006	0,014	0,197	FALSE
-0,039	0,292	-0,002	0,009	0,073	FALSE
-0,025	0,286	-0,001	0,008	0,045	FALSE
-0,020	0,276	-0,001	0,009	0,041	FALSE
0,032	0,270	-0,001	0,007	0,034	FALSE
-0,033	0,289	0,000	0,008	0,013	FALSE
0,016	0,278	0,001	0,015	0,020	FALSE
-0,046	0,298	0,000	0,013	0,012	FALSE
0,102	0,274	0,003	0,012	0,098	FALSE
-0,130	0,275	-0,005	0,013	0,142	FALSE

0,022	0,296	0,000	0,012	0,013	FALSE
0,123	0,293	0,003	0,009	0,139	FALSE
0,100	0,279	0,003	0,009	0,105	FALSE
0,105	0,275	0,003	0,012	0,093	FALSE
-0,045	0,299	-0,001	0,008	0,050	FALSE
-0,050	0,292	-0,002	0,012	0,053	FALSE
-0,040	0,289	-0,002	0,013	0,059	FALSE
-0,028	0,291	-0,003	0,009	0,134	FALSE
-0,047	0,301	-0,005	0,015	0,128	FALSE
-0,081	0,274	-0,005	0,012	0,186	FALSE
-0,071	0,282	-0,004	0,012	0,130	FALSE
-0,075	0,293	-0,001	0,007	0,048	FALSE
-0,113	0,284	-0,002	0,014	0,045	FALSE
0,036	0,302	0,001	0,016	0,031	FALSE
0,022	0,305	0,001	0,015	0,012	FALSE
0,002	0,290	0,000	0,015	0,004	FALSE
0,057	0,294	0,002	0,008	0,120	FALSE
0,049	0,287	0,001	0,015	0,023	FALSE
-0,012	0,286	0,000	0,008	0,019	FALSE
-0,008	0,281	0,001	0,008	0,049	FALSE
-0,026	0,293	-0,002	0,013	0,069	FALSE
0,115	0,285	0,003	0,008	0,164	FALSE
0,096	0,286	0,003	0,011	0,122	FALSE
-0,018	0,299	-0,001	0,007	0,055	FALSE
0,004	0,302	-0,001	0,009	0,054	FALSE
0,106	0,294	0,002	0,009	0,104	FALSE
-0,005	0,291	-0,003	0,012	0,105	FALSE
0,050	0,295	0,003	0,009	0,122	FALSE
0,165	0,294	0,006	0,012	0,213	FALSE
-0,025	0,299	0,001	0,015	0,032	FALSE
-0,130	0,279	-0,004	0,012	0,152	FALSE
0,055	0,284	0,004	0,014	0,106	FALSE
-0,142	0,270	-0,008	0,014	0,235	FALSE
-0,084	0,279	-0,006	0,014	0,162	FALSE
0,083	0,294	0,004	0,014	0,104	FALSE
0,042	0,288	0,000	0,014	0,004	FALSE
0,125	0,276	0,001	0,014	0,031	FALSE
0,100	0,284	0,000	0,015	0,006	FALSE
0,005	0,295	0,000	0,011	0,002	FALSE
-0,144	0,283	-0,004	0,009	0,206	FALSE
-0,169	0,275	-0,007	0,015	0,209	FALSE
-0,003	0,275	-0,001	0,007	0,030	FALSE
-0,101	0,295	-0,003	0,008	0,152	FALSE
0,086	0,289	0,004	0,014	0,095	FALSE
-0,078	0,291	-0,001	0,009	0,039	FALSE
0,157	0,277	0,002	0,007	0,111	FALSE
0,104	0,274	0,005	0,010	0,232	FALSE
0,052	0,284	0,002	0,011	0,070	FALSE
-0,077	0,286	-0,003	0,010	0,102	FALSE
-0,125	0,277	-0,006	0,011	0,217	FALSE
0,093	0,291	0,005	0,014	0,133	FALSE
0,059	0,285	0,003	0,014	0,090	FALSE
0,043	0,293	0,003	0,011	0,087	FALSE

-0,230	0,282	-0,006	0,008	0,346	FALSE
0,037	0,295	0,001	0,009	0,044	FALSE
-0,072	0,296	-0,002	0,010	0,091	FALSE
0,107	0,278	0,000	0,009	0,004	FALSE
0,071	0,296	0,004	0,014	0,120	FALSE
-0,082	0,290	-0,002	0,011	0,054	FALSE
0,005	0,297	0,000	0,015	0,010	FALSE
-0,062	0,300	-0,002	0,013	0,065	FALSE
0,113	0,269	0,005	0,012	0,181	FALSE
-0,189	0,270	-0,008	0,015	0,225	FALSE
0,102	0,278	0,003	0,010	0,111	FALSE
0,140	0,289	0,005	0,014	0,155	FALSE
0,048	0,295	0,001	0,009	0,043	FALSE
-0,083	0,289	-0,002	0,009	0,079	FALSE
-0,047	0,294	-0,002	0,010	0,081	FALSE
-0,028	0,289	0,000	0,007	0,005	FALSE
-0,172	0,280	-0,003	0,010	0,128	FALSE
-0,012	0,274	-0,001	0,013	0,026	FALSE
0,041	0,286	0,000	0,008	0,002	FALSE
0,044	0,286	0,001	0,012	0,045	FALSE
0,060	0,283	0,003	0,013	0,074	FALSE
0,083	0,280	0,003	0,009	0,113	FALSE
0,006	0,286	0,000	0,009	0,017	FALSE
0,072	0,294	0,002	0,010	0,061	FALSE
-0,017	0,290	-0,002	0,015	0,042	FALSE
0,122	0,294	0,002	0,009	0,093	FALSE
0,006	0,288	0,000	0,009	0,011	FALSE
-0,003	0,271	0,001	0,012	0,029	FALSE
0,170	0,287	0,006	0,010	0,274	FALSE
0,134	0,277	0,002	0,009	0,094	FALSE
0,003	0,298	0,003	0,012	0,078	FALSE
0,045	0,287	0,002	0,008	0,079	FALSE
-0,050	0,287	-0,001	0,008	0,044	FALSE
0,067	0,291	0,002	0,009	0,072	FALSE
-0,044	0,289	-0,003	0,013	0,084	FALSE
0,166	0,280	0,003	0,007	0,154	FALSE
0,046	0,291	0,002	0,014	0,060	FALSE
-0,026	0,283	-0,001	0,015	0,024	FALSE
-0,042	0,270	-0,003	0,010	0,135	FALSE
0,074	0,288	0,004	0,011	0,146	FALSE
0,087	0,285	0,003	0,012	0,101	FALSE
0,077	0,287	0,003	0,012	0,110	FALSE
0,012	0,282	-0,001	0,010	0,043	FALSE
0,012	0,301	0,001	0,013	0,028	FALSE
-0,217	0,284	-0,010	0,011	0,414	TRUE
-0,133	0,273	-0,005	0,008	0,250	FALSE
-0,075	0,277	-0,002	0,012	0,056	FALSE
-0,112	0,293	-0,006	0,013	0,179	FALSE
-0,118	0,299	-0,004	0,009	0,199	FALSE
-0,103	0,297	-0,004	0,013	0,120	FALSE
-0,121	0,270	-0,003	0,008	0,149	FALSE
-0,045	0,274	-0,001	0,008	0,037	FALSE
0,017	0,295	0,001	0,008	0,036	FALSE

0,022	0,270	0,002	0,011	0,076	FALSE
-0,048	0,290	0,000	0,013	0,002	FALSE
0,012	0,282	0,000	0,008	0,021	FALSE
-0,070	0,291	-0,002	0,009	0,083	FALSE
-0,043	0,288	-0,005	0,011	0,161	FALSE
0,070	0,282	0,003	0,014	0,092	FALSE
0,136	0,282	0,006	0,015	0,154	FALSE
0,063	0,275	0,002	0,008	0,072	FALSE
-0,054	0,303	0,000	0,014	0,000	FALSE
-0,035	0,295	0,001	0,010	0,039	FALSE
-0,032	0,265	0,000	0,014	0,001	FALSE
0,056	0,276	0,002	0,012	0,058	FALSE
-0,162	0,283	-0,006	0,012	0,230	FALSE
0,253	0,265	0,010	0,014	0,346	FALSE
-0,050	0,281	-0,003	0,011	0,086	FALSE
-0,029	0,276	0,001	0,014	0,023	FALSE
0,100	0,275	0,001	0,008	0,049	FALSE
-0,016	0,299	-0,002	0,015	0,053	FALSE
0,017	0,286	0,001	0,009	0,019	FALSE
-0,185	0,284	-0,004	0,009	0,211	FALSE
-0,073	0,290	0,000	0,008	0,008	FALSE
-0,057	0,298	-0,004	0,015	0,113	FALSE
-0,075	0,283	-0,002	0,009	0,062	FALSE
-0,121	0,288	-0,003	0,011	0,110	FALSE
0,069	0,296	0,003	0,007	0,155	FALSE
0,069	0,270	0,003	0,010	0,105	FALSE
0,060	0,288	0,002	0,008	0,084	FALSE
-0,056	0,281	-0,003	0,012	0,088	FALSE
-0,047	0,285	-0,002	0,011	0,066	FALSE
-0,121	0,292	-0,004	0,009	0,204	FALSE
-0,088	0,281	-0,002	0,008	0,108	FALSE
-0,186	0,281	-0,005	0,008	0,256	FALSE
-0,066	0,278	-0,003	0,014	0,090	FALSE
-0,146	0,273	-0,006	0,014	0,176	FALSE
-0,047	0,293	-0,001	0,010	0,021	FALSE
-0,178	0,284	-0,007	0,013	0,207	FALSE
0,014	0,287	0,000	0,008	0,003	FALSE
-0,047	0,306	-0,002	0,013	0,055	FALSE
-0,107	0,282	-0,003	0,011	0,095	FALSE
-0,131	0,282	-0,003	0,013	0,091	FALSE
-0,169	0,292	-0,005	0,013	0,166	FALSE
-0,201	0,273	-0,005	0,009	0,228	FALSE
-0,111	0,274	-0,002	0,009	0,081	FALSE
-0,091	0,281	-0,003	0,016	0,081	FALSE
-0,019	0,279	-0,001	0,007	0,080	FALSE
-0,035	0,295	-0,001	0,008	0,041	FALSE
0,074	0,284	0,000	0,012	0,008	FALSE
-0,049	0,282	-0,001	0,013	0,022	FALSE
0,091	0,271	0,000	0,008	0,019	FALSE
0,094	0,282	0,000	0,008	0,022	FALSE
0,084	0,275	0,000	0,008	0,010	FALSE
0,106	0,288	0,006	0,014	0,171	FALSE
-0,060	0,288	-0,005	0,014	0,127	FALSE

-0,051	0,285	-0,005	0,014	0,155	FALSE
-0,073	0,298	-0,002	0,014	0,062	FALSE
0,030	0,294	0,000	0,014	0,011	FALSE
0,016	0,291	0,004	0,015	0,102	FALSE
-0,161	0,271	-0,005	0,007	0,279	FALSE
0,032	0,268	0,001	0,011	0,049	FALSE
0,202	0,293	0,008	0,010	0,387	FALSE
0,189	0,286	0,007	0,010	0,348	FALSE
-0,038	0,281	-0,002	0,007	0,085	FALSE
-0,123	0,281	-0,003	0,009	0,143	FALSE
-0,075	0,282	0,000	0,008	0,011	FALSE
-0,003	0,299	0,001	0,011	0,031	FALSE
0,090	0,293	0,004	0,012	0,123	FALSE
0,175	0,280	0,007	0,012	0,247	FALSE
-0,028	0,303	0,001	0,009	0,021	FALSE
0,049	0,299	0,000	0,010	0,008	FALSE
-0,014	0,284	0,000	0,013	0,005	FALSE
-0,071	0,288	-0,001	0,007	0,049	FALSE
-0,060	0,289	-0,001	0,015	0,037	FALSE
-0,038	0,286	-0,001	0,014	0,027	FALSE
0,044	0,270	0,000	0,008	0,002	FALSE
-0,151	0,275	-0,005	0,011	0,176	FALSE
-0,177	0,291	-0,006	0,012	0,216	FALSE
-0,173	0,271	-0,005	0,011	0,195	FALSE
0,015	0,291	0,001	0,007	0,046	FALSE
-0,152	0,286	-0,004	0,012	0,150	FALSE
0,145	0,287	0,005	0,012	0,159	FALSE
0,045	0,283	0,004	0,008	0,178	FALSE
-0,019	0,291	0,002	0,008	0,091	FALSE
0,160	0,280	0,004	0,011	0,161	FALSE
-0,144	0,283	-0,003	0,010	0,126	FALSE
-0,014	0,282	-0,001	0,009	0,044	FALSE
-0,104	0,282	-0,004	0,011	0,162	FALSE
-0,049	0,277	0,000	0,008	0,003	FALSE
0,008	0,287	-0,001	0,008	0,041	FALSE
0,058	0,287	0,003	0,014	0,077	FALSE
-0,091	0,285	-0,002	0,009	0,103	FALSE
-0,036	0,293	-0,004	0,012	0,117	FALSE
-0,189	0,276	-0,009	0,015	0,259	FALSE
-0,109	0,276	-0,003	0,014	0,089	FALSE
-0,112	0,294	-0,005	0,015	0,135	FALSE
-0,151	0,266	-0,005	0,013	0,153	FALSE
-0,124	0,287	-0,005	0,015	0,136	FALSE
0,061	0,278	0,003	0,013	0,073	FALSE
-0,031	0,297	-0,002	0,015	0,041	FALSE
0,003	0,276	0,000	0,010	0,017	FALSE
0,039	0,300	0,001	0,010	0,036	FALSE
0,092	0,283	0,001	0,014	0,026	FALSE
-0,002	0,298	0,001	0,008	0,039	FALSE
0,081	0,282	0,000	0,009	0,005	FALSE
0,000	0,290	0,001	0,007	0,063	FALSE
-0,057	0,289	-0,001	0,008	0,039	FALSE
-0,028	0,296	-0,001	0,013	0,041	FALSE

0,136	0,291	0,005	0,015	0,126	FALSE
0,153	0,280	0,005	0,015	0,150	FALSE
0,074	0,296	0,003	0,015	0,083	FALSE
-0,019	0,283	-0,002	0,009	0,076	FALSE
-0,004	0,293	0,000	0,014	0,009	FALSE
-0,120	0,285	-0,002	0,009	0,062	FALSE
0,086	0,279	0,003	0,009	0,143	FALSE
0,032	0,288	0,000	0,011	0,010	FALSE
-0,014	0,267	-0,001	0,007	0,055	FALSE
-0,071	0,279	0,000	0,007	0,006	FALSE
-0,065	0,282	0,000	0,007	0,011	FALSE
0,079	0,278	0,001	0,008	0,044	FALSE
-0,022	0,287	-0,001	0,013	0,015	FALSE
-0,044	0,281	0,000	0,007	0,014	FALSE
0,149	0,283	0,005	0,012	0,157	FALSE
-0,251	0,259	-0,007	0,011	0,292	FALSE
-0,232	0,271	-0,006	0,009	0,283	FALSE
0,150	0,289	0,006	0,013	0,191	FALSE
0,044	0,285	0,002	0,008	0,078	FALSE
-0,110	0,285	-0,003	0,012	0,113	FALSE
-0,119	0,296	-0,004	0,015	0,111	FALSE
0,131	0,298	0,004	0,010	0,142	FALSE
-0,109	0,275	-0,005	0,010	0,220	FALSE
-0,044	0,296	-0,001	0,008	0,066	FALSE
0,047	0,286	0,001	0,014	0,019	FALSE
-0,078	0,290	-0,001	0,007	0,033	FALSE
-0,031	0,294	-0,001	0,013	0,026	FALSE
-0,101	0,276	-0,003	0,008	0,148	FALSE
-0,081	0,290	-0,002	0,013	0,069	FALSE
-0,002	0,286	-0,003	0,012	0,083	FALSE
0,042	0,285	0,003	0,012	0,091	FALSE
0,039	0,288	0,000	0,015	0,009	FALSE
0,062	0,286	0,002	0,011	0,056	FALSE
0,042	0,294	0,001	0,012	0,039	FALSE
0,034	0,291	0,000	0,007	0,020	FALSE
0,139	0,272	0,003	0,007	0,202	FALSE
0,136	0,297	0,002	0,008	0,092	FALSE
0,036	0,281	-0,002	0,014	0,050	FALSE
-0,088	0,287	-0,003	0,014	0,069	FALSE
-0,067	0,288	-0,002	0,015	0,045	FALSE
0,101	0,291	0,003	0,013	0,085	FALSE
0,087	0,288	0,004	0,014	0,106	FALSE
0,077	0,292	0,002	0,012	0,077	FALSE
0,150	0,295	0,005	0,009	0,212	FALSE
-0,099	0,278	-0,003	0,007	0,193	FALSE
-0,020	0,283	0,000	0,015	0,002	FALSE
0,036	0,284	0,002	0,015	0,044	FALSE
0,070	0,292	0,000	0,010	0,005	FALSE
0,054	0,302	0,003	0,011	0,105	FALSE
0,113	0,293	0,004	0,012	0,119	FALSE
0,092	0,280	0,002	0,011	0,071	FALSE
-0,131	0,299	-0,005	0,011	0,184	FALSE
-0,266	0,257	-0,006	0,008	0,334	FALSE

-0,037	0,298	-0,001	0,014	0,013	FALSE
-0,242	0,288	-0,006	0,010	0,249	FALSE
-0,062	0,283	-0,002	0,008	0,119	FALSE
-0,041	0,277	-0,002	0,010	0,072	FALSE
-0,095	0,296	-0,003	0,011	0,126	FALSE
-0,070	0,289	-0,002	0,010	0,075	FALSE
-0,085	0,295	-0,002	0,008	0,103	FALSE
0,072	0,287	0,001	0,014	0,017	FALSE
0,005	0,293	0,000	0,008	0,020	FALSE
0,098	0,285	0,002	0,008	0,107	FALSE
0,151	0,275	0,009	0,015	0,273	FALSE
-0,088	0,283	-0,002	0,014	0,042	FALSE
-0,144	0,291	-0,003	0,011	0,115	FALSE
-0,132	0,276	-0,003	0,010	0,113	FALSE
-0,084	0,287	-0,001	0,008	0,059	FALSE
-0,069	0,292	-0,002	0,015	0,059	FALSE
-0,037	0,277	-0,004	0,012	0,118	FALSE
0,134	0,288	0,004	0,010	0,164	FALSE
0,014	0,299	0,001	0,013	0,015	FALSE
-0,092	0,295	-0,004	0,015	0,110	FALSE
0,007	0,279	0,000	0,008	0,012	FALSE
0,024	0,289	-0,003	0,015	0,069	FALSE
0,052	0,297	0,003	0,009	0,126	FALSE
-0,045	0,300	-0,001	0,013	0,027	FALSE
0,159	0,287	0,004	0,010	0,178	FALSE
0,183	0,292	0,005	0,010	0,223	FALSE
0,067	0,297	0,002	0,010	0,060	FALSE
0,053	0,297	0,003	0,012	0,096	FALSE
0,176	0,280	0,006	0,014	0,173	FALSE
-0,026	0,291	-0,001	0,010	0,026	FALSE
-0,048	0,284	-0,002	0,010	0,062	FALSE
0,219	0,274	0,009	0,014	0,284	FALSE
0,213	0,272	0,009	0,014	0,274	FALSE
0,187	0,281	0,007	0,014	0,227	FALSE
0,202	0,276	0,008	0,014	0,253	FALSE
-0,112	0,280	-0,003	0,009	0,125	FALSE
-0,141	0,294	-0,003	0,008	0,130	FALSE
-0,104	0,284	-0,002	0,010	0,065	FALSE
0,042	0,293	0,000	0,012	0,005	FALSE
-0,072	0,279	-0,003	0,011	0,102	FALSE
0,070	0,307	0,004	0,014	0,099	FALSE
-0,117	0,276	-0,004	0,014	0,112	FALSE
-0,023	0,297	-0,002	0,015	0,043	FALSE
0,221	0,274	0,007	0,010	0,326	FALSE
0,036	0,286	0,002	0,014	0,047	FALSE
0,218	0,278	0,007	0,010	0,320	FALSE
0,007	0,286	0,001	0,007	0,045	FALSE
-0,140	0,287	-0,005	0,013	0,165	FALSE
-0,142	0,277	-0,005	0,013	0,152	FALSE
0,139	0,296	0,005	0,010	0,204	FALSE
0,174	0,275	0,006	0,008	0,313	FALSE
0,027	0,292	0,002	0,008	0,103	FALSE
0,021	0,289	0,002	0,008	0,105	FALSE

-0,154	0,278	-0,006	0,012	0,201	FALSE
0,087	0,287	0,004	0,014	0,120	FALSE
-0,140	0,276	-0,005	0,012	0,185	FALSE
0,045	0,272	0,003	0,014	0,080	FALSE
0,045	0,285	0,003	0,015	0,083	FALSE
0,018	0,280	0,002	0,014	0,054	FALSE
0,074	0,282	0,001	0,009	0,051	FALSE
0,060	0,288	0,000	0,009	0,001	FALSE
-0,268	0,259	-0,014	0,012	0,589	FALSE
0,006	0,284	0,001	0,008	0,042	FALSE
0,148	0,288	0,005	0,014	0,146	FALSE
0,022	0,291	0,002	0,008	0,081	FALSE
-0,027	0,286	-0,001	0,007	0,053	FALSE
0,099	0,289	0,003	0,014	0,092	FALSE
-0,009	0,284	0,001	0,009	0,027	FALSE
0,045	0,294	0,000	0,013	0,013	FALSE
0,014	0,290	-0,001	0,010	0,019	FALSE
-0,131	0,292	-0,004	0,008	0,230	FALSE
0,033	0,289	0,002	0,009	0,085	FALSE
-0,030	0,290	-0,001	0,015	0,021	FALSE
-0,060	0,274	-0,004	0,010	0,139	FALSE
0,034	0,285	0,001	0,008	0,036	FALSE
-0,071	0,286	-0,001	0,011	0,020	FALSE
0,009	0,280	0,004	0,013	0,108	FALSE
0,125	0,285	0,004	0,007	0,247	FALSE
-0,065	0,282	-0,003	0,009	0,124	FALSE
0,185	0,279	0,008	0,013	0,269	FALSE
-0,092	0,296	-0,002	0,008	0,112	FALSE
-0,086	0,293	-0,002	0,007	0,121	FALSE
-0,074	0,278	-0,002	0,007	0,104	FALSE
0,105	0,282	0,004	0,010	0,138	FALSE
-0,085	0,281	-0,002	0,012	0,048	FALSE
0,014	0,281	0,000	0,008	0,020	FALSE
-0,168	0,278	-0,004	0,007	0,227	FALSE
0,031	0,293	-0,001	0,009	0,021	FALSE
-0,005	0,296	0,000	0,009	0,011	FALSE
0,024	0,285	0,001	0,014	0,014	FALSE
0,067	0,290	0,002	0,014	0,058	FALSE
0,057	0,282	0,004	0,014	0,095	FALSE
-0,051	0,271	-0,001	0,009	0,024	FALSE
0,063	0,297	0,001	0,008	0,068	FALSE
-0,003	0,289	0,000	0,013	0,002	FALSE
-0,126	0,281	-0,007	0,015	0,195	FALSE
-0,084	0,290	-0,002	0,008	0,095	FALSE
0,046	0,287	0,000	0,007	0,019	FALSE
0,029	0,293	0,002	0,015	0,044	FALSE
-0,037	0,279	-0,001	0,009	0,053	FALSE
-0,199	0,266	-0,005	0,009	0,248	FALSE
0,031	0,285	0,000	0,010	0,006	FALSE
-0,238	0,302	-0,011	0,015	0,330	FALSE
-0,018	0,294	0,000	0,007	0,010	FALSE
-0,127	0,279	-0,003	0,009	0,132	FALSE
-0,136	0,278	-0,004	0,011	0,130	FALSE

0,019	0,289	-0,001	0,015	0,029	FALSE
-0,185	0,286	-0,004	0,007	0,233	FALSE
0,246	0,259	0,006	0,008	0,309	FALSE
0,074	0,277	0,001	0,007	0,056	FALSE
0,082	0,293	0,002	0,010	0,057	FALSE
0,021	0,280	0,003	0,009	0,114	FALSE
0,042	0,269	0,000	0,007	0,012	FALSE
0,006	0,297	0,000	0,009	0,018	FALSE
-0,046	0,301	0,001	0,010	0,022	FALSE
0,012	0,280	0,002	0,009	0,068	FALSE
-0,011	0,285	0,001	0,011	0,036	FALSE
0,106	0,284	0,003	0,015	0,087	FALSE
0,209	0,272	0,005	0,011	0,189	FALSE
0,032	0,275	0,000	0,008	0,003	FALSE
0,029	0,276	0,000	0,008	0,006	FALSE
0,011	0,294	-0,003	0,015	0,062	FALSE
-0,030	0,293	-0,002	0,009	0,105	FALSE
0,049	0,285	-0,001	0,011	0,023	FALSE
-0,018	0,297	-0,001	0,012	0,019	FALSE
-0,001	0,288	0,000	0,011	0,005	FALSE
-0,037	0,290	-0,002	0,012	0,048	FALSE
-0,045	0,287	0,000	0,015	0,004	FALSE
0,013	0,297	0,000	0,008	0,003	FALSE
0,144	0,283	0,004	0,014	0,117	FALSE
0,157	0,297	0,007	0,012	0,264	FALSE
0,024	0,287	0,000	0,008	0,003	FALSE
-0,168	0,280	-0,005	0,010	0,220	FALSE
0,009	0,280	0,001	0,009	0,035	FALSE
-0,053	0,298	-0,002	0,014	0,048	FALSE
-0,280	0,272	-0,007	0,009	0,395	FALSE
0,037	0,280	0,001	0,009	0,037	FALSE
-0,056	0,299	-0,001	0,015	0,025	FALSE
0,006	0,280	0,000	0,011	0,016	FALSE
0,002	0,278	0,000	0,011	0,001	FALSE
-0,042	0,279	-0,002	0,009	0,063	FALSE
-0,173	0,278	-0,004	0,012	0,152	FALSE
0,050	0,281	0,000	0,007	0,006	FALSE
-0,038	0,288	-0,001	0,008	0,051	FALSE
0,053	0,275	0,003	0,014	0,083	FALSE
-0,047	0,300	-0,002	0,010	0,065	FALSE
-0,083	0,300	-0,001	0,009	0,048	FALSE
0,018	0,288	0,003	0,014	0,068	FALSE
-0,106	0,283	-0,003	0,007	0,166	FALSE
-0,046	0,280	0,001	0,008	0,023	FALSE
-0,119	0,290	-0,005	0,015	0,121	FALSE
-0,068	0,269	0,000	0,008	0,015	FALSE
0,034	0,268	0,000	0,009	0,009	FALSE
-0,203	0,283	-0,005	0,009	0,266	FALSE
-0,090	0,290	-0,004	0,013	0,117	FALSE
-0,156	0,279	-0,005	0,011	0,189	FALSE
-0,117	0,292	-0,004	0,013	0,134	FALSE
-0,153	0,273	-0,008	0,015	0,216	FALSE
0,042	0,300	0,001	0,008	0,070	FALSE

0,076	0,279	0,001	0,009	0,026	FALSE
-0,163	0,287	-0,006	0,011	0,224	FALSE
-0,019	0,288	0,000	0,015	0,004	FALSE
-0,118	0,258	-0,007	0,010	0,319	FALSE
-0,055	0,295	-0,001	0,009	0,044	FALSE
-0,051	0,280	-0,002	0,014	0,058	FALSE
0,036	0,271	0,002	0,009	0,060	FALSE
0,018	0,279	0,000	0,007	0,013	FALSE
0,135	0,286	0,003	0,010	0,137	FALSE
-0,047	0,280	-0,001	0,009	0,046	FALSE
-0,069	0,291	-0,001	0,010	0,057	FALSE
-0,025	0,287	-0,001	0,011	0,033	FALSE
-0,191	0,294	-0,004	0,009	0,188	FALSE
0,196	0,285	0,007	0,011	0,262	FALSE
-0,173	0,269	-0,004	0,008	0,215	FALSE
0,041	0,283	0,000	0,009	0,001	FALSE
-0,008	0,277	-0,001	0,014	0,021	FALSE
-0,062	0,283	-0,003	0,013	0,075	FALSE
-0,084	0,283	-0,003	0,014	0,088	FALSE
-0,050	0,283	-0,004	0,010	0,157	FALSE
-0,080	0,290	-0,003	0,009	0,137	TRUE
0,048	0,287	0,001	0,010	0,030	FALSE
-0,029	0,285	-0,002	0,008	0,089	FALSE
-0,031	0,296	-0,002	0,008	0,103	FALSE
-0,096	0,278	-0,004	0,012	0,125	FALSE
-0,120	0,276	-0,005	0,012	0,165	FALSE
-0,034	0,292	0,000	0,010	0,001	FALSE
-0,113	0,297	-0,005	0,013	0,141	FALSE
0,146	0,287	0,003	0,008	0,137	FALSE
0,050	0,287	0,002	0,010	0,082	FALSE
0,070	0,278	0,002	0,012	0,064	FALSE
0,135	0,276	0,003	0,009	0,128	FALSE
0,125	0,274	0,004	0,011	0,160	FALSE
-0,092	0,283	-0,004	0,012	0,116	FALSE
-0,097	0,293	-0,004	0,012	0,140	FALSE
-0,018	0,284	0,000	0,013	0,002	FALSE
0,059	0,284	0,001	0,010	0,050	FALSE
0,071	0,286	0,002	0,010	0,056	FALSE
0,161	0,270	0,007	0,014	0,220	FALSE
0,171	0,283	0,005	0,010	0,191	FALSE
-0,054	0,283	-0,003	0,008	0,134	FALSE
-0,183	0,284	-0,006	0,015	0,166	FALSE
-0,056	0,299	0,000	0,012	0,011	FALSE
-0,005	0,292	0,000	0,015	0,009	FALSE
0,022	0,285	0,002	0,014	0,048	FALSE
-0,033	0,297	0,002	0,014	0,057	FALSE
-0,106	0,285	-0,004	0,012	0,146	FALSE
-0,207	0,283	-0,007	0,011	0,251	FALSE
0,140	0,276	0,003	0,015	0,072	FALSE
-0,035	0,286	0,002	0,014	0,049	FALSE
-0,120	0,285	-0,003	0,010	0,122	FALSE
-0,151	0,271	-0,004	0,010	0,180	FALSE
0,165	0,283	0,004	0,007	0,244	FALSE

-0,019	0,275	-0,002	0,015	0,038	FALSE
0,152	0,289	0,004	0,008	0,199	FALSE
0,124	0,289	0,007	0,012	0,252	FALSE
0,058	0,286	0,003	0,008	0,144	FALSE
-0,071	0,270	-0,005	0,014	0,130	FALSE
0,009	0,274	0,002	0,011	0,054	FALSE
-0,030	0,293	0,000	0,012	0,001	FALSE
-0,003	0,291	-0,001	0,008	0,024	FALSE
0,032	0,284	0,000	0,009	0,004	FALSE
-0,042	0,285	-0,003	0,012	0,113	FALSE
-0,060	0,308	-0,003	0,013	0,094	FALSE
-0,075	0,278	-0,001	0,014	0,032	FALSE
0,051	0,298	0,002	0,008	0,075	FALSE
0,122	0,281	0,002	0,008	0,099	FALSE
0,155	0,274	0,002	0,007	0,117	FALSE
0,012	0,285	-0,001	0,009	0,062	FALSE
0,034	0,287	0,000	0,014	0,004	FALSE
0,054	0,274	0,001	0,008	0,032	FALSE
0,033	0,291	0,001	0,014	0,039	FALSE
0,081	0,297	0,003	0,016	0,069	FALSE
0,031	0,297	0,001	0,015	0,035	FALSE
0,084	0,300	0,003	0,013	0,078	FALSE
0,144	0,278	0,002	0,008	0,102	FALSE
-0,022	0,281	0,000	0,010	0,016	FALSE
-0,048	0,298	-0,002	0,009	0,070	FALSE
0,009	0,283	0,002	0,010	0,086	FALSE
0,017	0,288	0,002	0,011	0,055	FALSE
-0,053	0,284	-0,001	0,008	0,066	FALSE
0,088	0,278	0,004	0,009	0,177	FALSE
-0,049	0,298	0,000	0,010	0,003	FALSE
0,048	0,285	0,002	0,009	0,060	FALSE
-0,001	0,289	0,000	0,008	0,012	FALSE
0,046	0,287	0,002	0,011	0,064	FALSE
0,032	0,284	0,003	0,013	0,091	FALSE
-0,022	0,286	-0,001	0,009	0,038	FALSE
0,071	0,297	0,000	0,010	0,017	FALSE
-0,077	0,294	-0,002	0,013	0,043	FALSE
-0,068	0,286	-0,001	0,013	0,024	FALSE
-0,042	0,286	-0,003	0,008	0,156	FALSE
0,092	0,294	0,003	0,011	0,114	FALSE
0,109	0,273	0,002	0,010	0,097	FALSE
0,095	0,277	0,003	0,011	0,088	FALSE
-0,030	0,300	-0,002	0,014	0,039	FALSE
0,094	0,292	0,002	0,010	0,074	FALSE
-0,005	0,286	0,000	0,010	0,002	FALSE
-0,217	0,282	-0,009	0,015	0,268	FALSE
-0,046	0,303	-0,002	0,013	0,056	FALSE
0,023	0,296	-0,001	0,009	0,057	FALSE
0,011	0,261	-0,001	0,014	0,022	FALSE
0,099	0,291	0,003	0,013	0,091	FALSE
0,062	0,281	0,003	0,013	0,100	FALSE
0,000	0,291	0,001	0,010	0,022	FALSE
0,092	0,306	0,005	0,013	0,146	FALSE

-0,151	0,274	-0,004	0,009	0,163	FALSE
-0,172	0,272	-0,005	0,008	0,285	FALSE
0,071	0,284	0,003	0,008	0,127	FALSE
-0,165	0,266	-0,005	0,008	0,270	FALSE
0,060	0,305	0,001	0,009	0,062	FALSE
-0,025	0,281	-0,003	0,015	0,085	FALSE
0,108	0,283	0,001	0,010	0,051	FALSE
0,087	0,298	0,001	0,009	0,053	FALSE
0,027	0,286	0,000	0,014	0,004	FALSE
-0,042	0,286	-0,004	0,014	0,118	FALSE
-0,016	0,272	0,002	0,015	0,044	FALSE
-0,136	0,273	-0,007	0,014	0,202	FALSE
-0,133	0,290	-0,007	0,014	0,207	FALSE
-0,167	0,268	-0,006	0,012	0,219	FALSE
0,128	0,283	0,006	0,012	0,222	FALSE
0,029	0,291	0,001	0,008	0,040	FALSE
0,148	0,286	0,005	0,008	0,269	FALSE
-0,091	0,284	-0,004	0,010	0,149	FALSE
0,011	0,295	0,000	0,010	0,013	FALSE
-0,202	0,277	-0,007	0,011	0,306	FALSE
-0,047	0,287	-0,005	0,015	0,125	FALSE
0,008	0,280	0,002	0,014	0,053	FALSE
-0,017	0,288	-0,002	0,012	0,060	FALSE
-0,025	0,287	-0,001	0,011	0,026	FALSE
-0,006	0,280	-0,003	0,013	0,095	FALSE
0,027	0,304	0,000	0,013	0,007	FALSE
-0,024	0,270	0,001	0,013	0,027	FALSE
-0,060	0,294	-0,002	0,015	0,043	FALSE
0,058	0,285	0,003	0,008	0,125	FALSE
-0,040	0,298	-0,004	0,015	0,094	FALSE
-0,091	0,276	0,000	0,008	0,022	FALSE
0,004	0,294	0,001	0,009	0,045	FALSE
-0,025	0,287	-0,002	0,011	0,050	FALSE
0,048	0,297	0,000	0,014	0,012	FALSE
-0,027	0,269	0,002	0,009	0,075	FALSE
-0,060	0,302	-0,003	0,010	0,120	FALSE
-0,050	0,301	0,000	0,013	0,006	FALSE
0,036	0,294	0,004	0,013	0,111	FALSE
0,068	0,281	0,006	0,014	0,199	FALSE
0,024	0,298	0,000	0,010	0,010	FALSE
0,031	0,303	0,000	0,010	0,008	FALSE
-0,044	0,286	0,000	0,015	0,008	FALSE
0,018	0,296	0,003	0,014	0,069	FALSE
-0,036	0,286	-0,001	0,015	0,027	FALSE
0,000	0,273	0,001	0,014	0,034	FALSE
0,180	0,269	0,005	0,009	0,229	FALSE
-0,099	0,284	-0,002	0,008	0,102	FALSE
0,071	0,281	0,003	0,013	0,103	FALSE
-0,023	0,288	-0,004	0,015	0,090	FALSE
-0,064	0,288	-0,004	0,012	0,141	FALSE
-0,086	0,288	-0,001	0,008	0,055	FALSE
0,008	0,293	0,000	0,014	0,012	FALSE
0,014	0,297	0,000	0,009	0,020	FALSE

-0,150	0,298	-0,005	0,011	0,173	FALSE
0,032	0,279	0,002	0,014	0,045	FALSE
0,031	0,297	0,001	0,016	0,031	FALSE
0,020	0,281	0,000	0,015	0,003	FALSE
0,009	0,277	0,000	0,009	0,009	FALSE
-0,115	0,275	-0,003	0,013	0,085	FALSE
-0,165	0,283	-0,005	0,011	0,194	FALSE
0,309	0,269	0,010	0,010	0,468	FALSE
-0,080	0,294	-0,001	0,010	0,048	FALSE
-0,033	0,289	-0,002	0,012	0,074	FALSE
0,015	0,292	0,001	0,008	0,027	FALSE
-0,056	0,277	-0,002	0,015	0,048	FALSE
0,006	0,278	0,000	0,011	0,003	FALSE
0,010	0,298	0,001	0,013	0,037	FALSE
0,028	0,277	0,003	0,010	0,109	FALSE
-0,002	0,276	-0,002	0,014	0,046	FALSE
-0,014	0,292	0,000	0,008	0,014	FALSE
-0,101	0,281	-0,002	0,010	0,097	FALSE
-0,052	0,291	-0,003	0,014	0,073	FALSE
-0,013	0,278	-0,001	0,010	0,032	FALSE
-0,175	0,272	-0,006	0,011	0,251	FALSE
0,098	0,271	0,007	0,014	0,211	FALSE
-0,116	0,275	-0,008	0,014	0,224	FALSE
0,118	0,294	0,004	0,012	0,120	FALSE
0,184	0,286	0,008	0,013	0,278	FALSE
-0,194	0,280	-0,005	0,009	0,244	FALSE
0,068	0,277	0,003	0,011	0,087	FALSE
0,112	0,289	0,005	0,013	0,148	FALSE
0,079	0,284	0,002	0,008	0,095	FALSE
-0,010	0,299	-0,001	0,008	0,041	FALSE
0,038	0,298	0,000	0,008	0,006	FALSE
-0,173	0,286	-0,004	0,008	0,235	FALSE
-0,005	0,292	0,001	0,011	0,035	FALSE
0,047	0,305	0,002	0,010	0,078	FALSE
0,057	0,282	0,003	0,010	0,105	FALSE
0,054	0,285	0,003	0,009	0,104	FALSE
-0,039	0,273	-0,001	0,010	0,031	FALSE
-0,066	0,297	-0,003	0,015	0,081	FALSE
0,168	0,275	0,004	0,008	0,213	FALSE
-0,137	0,279	-0,003	0,010	0,137	FALSE
-0,151	0,281	-0,005	0,011	0,200	FALSE
-0,037	0,289	-0,001	0,015	0,020	FALSE
0,103	0,279	0,003	0,009	0,135	FALSE
-0,018	0,277	-0,002	0,010	0,072	FALSE
0,064	0,282	0,001	0,010	0,050	FALSE
-0,044	0,280	0,000	0,010	0,016	FALSE
0,096	0,280	0,005	0,011	0,203	FALSE
-0,091	0,291	-0,004	0,013	0,136	FALSE
-0,058	0,290	-0,001	0,011	0,023	FALSE
0,076	0,296	0,001	0,015	0,027	FALSE
-0,010	0,285	-0,001	0,015	0,029	FALSE
0,064	0,286	0,001	0,007	0,063	FALSE
-0,034	0,280	-0,001	0,008	0,053	FALSE

-0,053	0,286	-0,001	0,007	0,029	FALSE
0,021	0,280	0,001	0,012	0,044	FALSE
-0,218	0,276	-0,005	0,008	0,250	FALSE
-0,049	0,308	-0,001	0,008	0,027	FALSE
0,047	0,290	0,001	0,014	0,036	FALSE
-0,074	0,289	-0,003	0,013	0,091	FALSE
-0,039	0,287	-0,001	0,014	0,021	FALSE
-0,098	0,285	-0,003	0,013	0,078	FALSE
-0,044	0,278	-0,001	0,010	0,033	FALSE
-0,066	0,290	0,000	0,007	0,021	FALSE
0,060	0,298	0,001	0,009	0,046	FALSE
-0,067	0,285	-0,002	0,009	0,077	FALSE
0,044	0,291	0,001	0,008	0,028	FALSE
-0,010	0,293	-0,001	0,014	0,031	FALSE
0,048	0,282	0,000	0,015	0,004	FALSE
-0,109	0,299	-0,003	0,012	0,112	FALSE
-0,025	0,290	0,000	0,014	0,000	FALSE
0,061	0,288	0,001	0,010	0,039	FALSE
-0,019	0,297	-0,001	0,008	0,058	FALSE
-0,015	0,281	-0,001	0,014	0,031	FALSE
-0,021	0,278	-0,001	0,014	0,029	FALSE
0,007	0,275	0,000	0,014	0,004	FALSE
-0,052	0,293	0,000	0,010	0,011	FALSE
0,030	0,297	0,001	0,013	0,019	FALSE
0,045	0,288	0,003	0,010	0,108	FALSE
0,031	0,298	0,002	0,010	0,085	FALSE
0,112	0,288	0,005	0,014	0,137	FALSE
0,094	0,300	0,004	0,015	0,105	FALSE
0,119	0,296	0,005	0,014	0,128	FALSE
0,131	0,281	0,006	0,014	0,181	FALSE
-0,021	0,291	-0,001	0,009	0,034	FALSE
0,043	0,290	0,001	0,008	0,066	FALSE
0,089	0,285	0,002	0,008	0,119	FALSE
-0,036	0,284	-0,002	0,014	0,059	FALSE
0,027	0,295	0,000	0,008	0,001	FALSE
-0,030	0,288	0,000	0,010	0,008	FALSE
-0,188	0,285	-0,007	0,011	0,290	FALSE
0,143	0,285	0,008	0,015	0,232	FALSE
0,073	0,291	0,003	0,008	0,135	FALSE
-0,058	0,281	-0,004	0,010	0,165	FALSE
-0,084	0,286	-0,003	0,008	0,162	FALSE
0,039	0,295	0,001	0,015	0,014	FALSE
-0,229	0,281	-0,010	0,014	0,304	FALSE
-0,117	0,278	-0,003	0,011	0,120	FALSE
-0,094	0,286	-0,001	0,009	0,059	FALSE
-0,023	0,297	0,000	0,008	0,020	FALSE
-0,166	0,292	-0,008	0,016	0,222	FALSE
-0,153	0,288	-0,004	0,008	0,188	FALSE
-0,136	0,293	-0,004	0,012	0,118	FALSE
0,003	0,288	0,000	0,012	0,003	FALSE
0,056	0,305	0,003	0,016	0,068	FALSE
0,160	0,281	0,005	0,011	0,204	FALSE
0,008	0,288	0,002	0,014	0,043	FALSE

0,158	0,297	0,004	0,010	0,188	FALSE
-0,099	0,291	-0,005	0,015	0,148	FALSE
0,046	0,293	0,002	0,014	0,052	FALSE
0,058	0,282	0,002	0,013	0,060	FALSE
0,069	0,283	0,001	0,008	0,055	FALSE
0,040	0,295	0,003	0,013	0,075	FALSE
0,096	0,294	0,004	0,014	0,102	FALSE
0,024	0,278	-0,001	0,015	0,013	FALSE
0,232	0,284	0,005	0,008	0,278	FALSE
0,132	0,280	0,002	0,009	0,065	FALSE
0,133	0,285	0,005	0,013	0,152	FALSE
-0,063	0,297	-0,002	0,009	0,096	FALSE
-0,029	0,296	-0,001	0,009	0,047	FALSE
0,122	0,273	0,001	0,008	0,067	FALSE
-0,082	0,285	-0,003	0,010	0,101	FALSE
-0,003	0,283	-0,002	0,011	0,074	FALSE
-0,033	0,289	0,000	0,009	0,009	FALSE
0,124	0,281	0,001	0,011	0,021	FALSE
-0,079	0,272	-0,003	0,011	0,120	FALSE
0,097	0,290	0,000	0,013	0,011	FALSE
0,062	0,288	0,001	0,009	0,052	FALSE
0,190	0,280	0,006	0,012	0,206	FALSE
-0,022	0,286	-0,001	0,014	0,031	FALSE
-0,066	0,294	-0,002	0,011	0,060	FALSE
0,088	0,291	0,002	0,011	0,068	FALSE
-0,057	0,298	0,000	0,011	0,001	FALSE
0,052	0,291	0,001	0,010	0,038	FALSE
0,023	0,281	0,000	0,011	0,007	FALSE
-0,210	0,289	-0,007	0,012	0,272	FALSE
0,043	0,298	0,001	0,010	0,035	FALSE
-0,024	0,282	0,000	0,011	0,003	FALSE
0,074	0,276	0,002	0,015	0,046	FALSE
0,049	0,309	0,002	0,014	0,061	FALSE
-0,257	0,278	-0,008	0,011	0,361	FALSE
-0,043	0,274	0,000	0,009	0,007	FALSE
-0,063	0,278	-0,001	0,009	0,056	FALSE
0,098	0,286	0,004	0,015	0,113	FALSE
0,177	0,287	0,008	0,015	0,226	FALSE
-0,182	0,272	-0,008	0,013	0,268	FALSE
0,093	0,288	0,004	0,014	0,127	FALSE
0,011	0,280	0,000	0,015	0,006	FALSE
-0,066	0,286	-0,002	0,012	0,071	FALSE
0,150	0,277	0,006	0,012	0,231	FALSE
-0,049	0,286	-0,003	0,014	0,083	FALSE
0,004	0,285	0,000	0,015	0,010	FALSE
0,031	0,282	0,001	0,015	0,012	FALSE
-0,139	0,277	-0,006	0,014	0,155	FALSE
-0,105	0,277	-0,003	0,008	0,126	FALSE
-0,066	0,289	-0,002	0,012	0,077	FALSE
0,118	0,292	0,004	0,011	0,168	FALSE
0,016	0,297	0,000	0,013	0,013	FALSE
-0,028	0,283	-0,001	0,010	0,029	FALSE
0,218	0,283	0,009	0,011	0,362	FALSE

-0,026	0,286	-0,001	0,008	0,057	FALSE
-0,109	0,286	-0,003	0,008	0,150	FALSE
-0,092	0,293	-0,002	0,008	0,123	FALSE
-0,020	0,292	0,001	0,014	0,014	FALSE
-0,022	0,294	0,000	0,007	0,019	FALSE
-0,065	0,282	-0,004	0,013	0,115	FALSE
0,088	0,286	0,003	0,014	0,090	FALSE
-0,127	0,284	-0,004	0,009	0,176	FALSE
0,235	0,266	0,009	0,014	0,292	FALSE
0,153	0,271	0,003	0,013	0,099	FALSE
0,008	0,285	0,001	0,009	0,029	FALSE
0,136	0,291	0,003	0,014	0,078	FALSE
0,220	0,279	0,008	0,015	0,234	FALSE
0,102	0,295	0,003	0,012	0,080	FALSE
0,021	0,287	0,002	0,014	0,062	FALSE
0,015	0,272	0,002	0,013	0,062	FALSE
0,022	0,275	0,003	0,015	0,068	FALSE
-0,018	0,286	0,000	0,014	0,012	FALSE
0,082	0,295	0,003	0,009	0,121	FALSE
0,206	0,295	0,009	0,014	0,278	FALSE
0,127	0,291	0,003	0,010	0,139	FALSE
0,077	0,297	0,003	0,013	0,084	FALSE
-0,062	0,282	-0,001	0,010	0,056	FALSE
0,049	0,292	0,004	0,013	0,115	FALSE
-0,007	0,281	0,002	0,012	0,047	FALSE
0,100	0,288	0,002	0,009	0,083	FALSE
-0,108	0,287	-0,002	0,008	0,078	FALSE
0,036	0,281	0,002	0,012	0,074	FALSE
-0,010	0,284	0,001	0,015	0,017	FALSE
-0,194	0,283	-0,006	0,011	0,221	FALSE
0,005	0,280	0,000	0,010	0,017	FALSE
0,033	0,273	0,001	0,007	0,034	FALSE
0,111	0,267	0,002	0,014	0,062	FALSE
-0,083	0,280	-0,003	0,012	0,110	FALSE
0,056	0,279	-0,001	0,008	0,037	FALSE
-0,018	0,283	-0,001	0,007	0,067	FALSE
0,047	0,277	0,004	0,011	0,128	FALSE
0,080	0,278	0,003	0,008	0,157	FALSE
-0,046	0,285	-0,002	0,009	0,070	FALSE
0,086	0,280	0,003	0,009	0,150	FALSE
0,039	0,280	0,001	0,008	0,051	FALSE
0,085	0,281	0,002	0,013	0,064	FALSE
0,126	0,288	0,003	0,010	0,113	FALSE
-0,067	0,289	-0,004	0,010	0,175	FALSE
-0,196	0,279	-0,008	0,012	0,317	FALSE
-0,227	0,274	-0,009	0,012	0,351	FALSE
0,092	0,302	0,001	0,011	0,032	FALSE
-0,022	0,288	-0,001	0,011	0,049	FALSE
-0,006	0,284	-0,001	0,011	0,025	FALSE
-0,111	0,286	-0,007	0,014	0,205	FALSE
-0,087	0,286	-0,005	0,013	0,161	FALSE
0,091	0,294	0,001	0,011	0,040	FALSE
0,008	0,290	0,001	0,015	0,016	FALSE

-0,170	0,294	-0,006	0,012	0,213	FALSE
0,059	0,296	0,004	0,011	0,139	FALSE
-0,060	0,279	-0,004	0,013	0,113	FALSE
0,000	0,291	0,000	0,008	0,011	FALSE
0,046	0,292	0,000	0,008	0,008	FALSE
0,063	0,298	0,001	0,008	0,029	FALSE
-0,011	0,286	0,002	0,015	0,042	FALSE
-0,046	0,290	-0,002	0,008	0,123	FALSE
-0,116	0,294	-0,006	0,015	0,149	FALSE
-0,109	0,284	-0,006	0,014	0,172	FALSE
-0,003	0,291	0,001	0,014	0,036	FALSE
-0,004	0,298	0,001	0,015	0,015	FALSE
-0,007	0,288	-0,001	0,010	0,044	FALSE
0,136	0,281	0,004	0,012	0,114	FALSE
0,023	0,291	-0,001	0,014	0,028	FALSE
-0,097	0,283	-0,002	0,007	0,133	FALSE
0,068	0,296	0,002	0,014	0,056	FALSE
0,003	0,301	-0,002	0,012	0,053	FALSE
-0,021	0,303	0,001	0,013	0,032	FALSE
-0,063	0,275	-0,002	0,014	0,053	FALSE
-0,027	0,281	-0,004	0,012	0,119	FALSE
0,100	0,289	0,006	0,014	0,179	FALSE
0,142	0,296	0,005	0,010	0,198	FALSE
0,005	0,276	-0,001	0,015	0,036	FALSE
-0,215	0,286	-0,008	0,012	0,276	FALSE
-0,076	0,285	-0,002	0,008	0,067	FALSE
-0,049	0,286	-0,003	0,012	0,100	FALSE
0,023	0,298	0,001	0,009	0,051	FALSE
-0,017	0,288	-0,002	0,009	0,078	FALSE
0,155	0,288	0,004	0,009	0,205	FALSE
0,149	0,284	0,004	0,009	0,188	FALSE
-0,004	0,278	-0,001	0,010	0,035	FALSE
-0,020	0,292	-0,002	0,012	0,067	FALSE
0,011	0,303	0,001	0,010	0,044	FALSE
0,164	0,276	0,008	0,014	0,272	FALSE
0,004	0,302	0,000	0,011	0,003	FALSE
-0,213	0,283	-0,005	0,008	0,295	FALSE
0,019	0,273	0,002	0,011	0,058	FALSE
-0,005	0,284	-0,002	0,010	0,068	FALSE
0,067	0,288	0,003	0,010	0,119	FALSE
0,009	0,282	0,000	0,009	0,007	FALSE
-0,076	0,282	-0,003	0,014	0,093	FALSE
0,000	0,287	0,000	0,014	0,010	FALSE
0,086	0,278	0,003	0,011	0,092	FALSE
0,076	0,291	0,001	0,015	0,035	FALSE
0,059	0,283	0,004	0,011	0,133	FALSE
-0,233	0,261	-0,009	0,014	0,295	FALSE
0,133	0,290	0,003	0,009	0,133	FALSE
0,033	0,293	0,000	0,008	0,017	FALSE
0,179	0,283	0,006	0,014	0,185	FALSE
0,070	0,287	0,002	0,015	0,059	FALSE
-0,081	0,289	-0,003	0,014	0,078	FALSE
-0,107	0,281	-0,001	0,009	0,030	FALSE

-0,045	0,284	-0,002	0,011	0,059	FALSE
-0,042	0,290	-0,001	0,014	0,027	FALSE
0,178	0,287	0,007	0,013	0,226	FALSE
0,024	0,282	0,001	0,008	0,070	FALSE
-0,069	0,281	-0,003	0,014	0,070	FALSE
0,073	0,283	0,002	0,010	0,061	FALSE
0,035	0,267	0,000	0,013	0,003	FALSE
-0,084	0,276	-0,004	0,011	0,122	FALSE
0,032	0,278	0,002	0,008	0,110	FALSE
-0,007	0,295	0,001	0,014	0,027	FALSE
-0,061	0,293	0,000	0,012	0,004	FALSE
0,017	0,295	0,002	0,009	0,085	FALSE
-0,011	0,287	-0,001	0,010	0,038	FALSE
0,072	0,287	0,002	0,010	0,080	FALSE
0,062	0,277	0,003	0,012	0,096	FALSE
-0,147	0,276	-0,003	0,009	0,111	FALSE
0,104	0,276	0,003	0,010	0,105	FALSE
-0,089	0,287	-0,003	0,012	0,085	FALSE
-0,170	0,256	-0,006	0,008	0,337	FALSE
-0,066	0,282	-0,001	0,010	0,052	FALSE
0,077	0,295	0,004	0,015	0,101	FALSE
0,031	0,287	0,000	0,014	0,005	FALSE
0,090	0,281	0,002	0,008	0,113	FALSE
-0,038	0,286	-0,004	0,011	0,127	FALSE
0,013	0,286	0,000	0,011	0,012	FALSE
-0,116	0,271	-0,005	0,014	0,133	FALSE
0,012	0,290	0,001	0,014	0,022	FALSE
0,047	0,301	0,004	0,014	0,115	FALSE
0,010	0,290	-0,001	0,009	0,026	FALSE
0,168	0,290	0,005	0,007	0,290	FALSE
0,136	0,290	0,004	0,014	0,109	FALSE
0,160	0,293	0,003	0,010	0,143	FALSE
0,083	0,290	0,002	0,012	0,054	FALSE
-0,156	0,272	-0,004	0,008	0,196	FALSE
0,022	0,276	-0,001	0,007	0,049	FALSE
0,052	0,284	-0,001	0,008	0,037	FALSE
0,028	0,276	-0,001	0,011	0,038	FALSE
0,013	0,273	0,004	0,014	0,098	FALSE
0,041	0,282	0,004	0,014	0,099	FALSE
-0,070	0,290	-0,002	0,015	0,059	FALSE
0,204	0,288	0,007	0,009	0,359	FALSE
0,141	0,276	0,003	0,010	0,130	FALSE
-0,056	0,284	-0,002	0,008	0,094	FALSE
0,123	0,278	0,002	0,007	0,118	FALSE
-0,097	0,291	-0,002	0,008	0,088	FALSE
-0,224	0,279	-0,005	0,007	0,309	FALSE
0,051	0,282	0,000	0,008	0,019	FALSE
-0,050	0,306	0,000	0,012	0,001	FALSE
0,190	0,275	0,007	0,009	0,339	FALSE
-0,082	0,294	-0,001	0,008	0,046	FALSE
0,087	0,275	0,007	0,013	0,231	FALSE
0,057	0,277	0,000	0,011	0,013	FALSE
-0,079	0,275	-0,004	0,014	0,104	FALSE

-0,074	0,291	-0,003	0,008	0,130	FALSE
0,030	0,289	-0,001	0,015	0,013	FALSE
0,025	0,274	0,000	0,008	0,008	FALSE
0,014	0,287	0,003	0,014	0,067	FALSE
-0,150	0,279	-0,004	0,012	0,122	FALSE
-0,079	0,289	-0,001	0,008	0,037	FALSE
0,147	0,267	0,003	0,010	0,118	FALSE
0,069	0,266	-0,001	0,012	0,025	FALSE
-0,011	0,276	-0,001	0,008	0,066	FALSE
0,061	0,265	0,000	0,008	0,015	FALSE
0,119	0,287	0,003	0,011	0,098	FALSE
-0,073	0,286	-0,003	0,009	0,136	FALSE
-0,024	0,292	-0,002	0,014	0,053	FALSE
0,066	0,280	0,001	0,008	0,043	FALSE
0,031	0,271	0,000	0,009	0,013	FALSE
0,021	0,292	0,001	0,012	0,028	FALSE
0,065	0,289	0,002	0,012	0,077	FALSE
-0,078	0,270	-0,004	0,011	0,157	FALSE
-0,089	0,287	-0,003	0,009	0,127	FALSE
-0,153	0,276	-0,005	0,010	0,242	FALSE
-0,136	0,285	-0,007	0,012	0,262	FALSE
-0,197	0,276	-0,008	0,014	0,237	FALSE
-0,082	0,281	-0,001	0,008	0,043	FALSE
0,062	0,290	0,001	0,013	0,038	FALSE
0,024	0,300	0,002	0,011	0,049	FALSE
0,002	0,290	0,001	0,014	0,013	FALSE
-0,034	0,285	-0,001	0,014	0,023	FALSE
-0,015	0,289	0,000	0,013	0,012	FALSE
-0,030	0,291	-0,001	0,011	0,032	FALSE
0,043	0,292	0,002	0,010	0,091	FALSE
0,050	0,287	0,002	0,011	0,058	FALSE
0,021	0,283	0,001	0,011	0,026	FALSE
0,031	0,279	0,002	0,009	0,075	FALSE
-0,021	0,287	0,001	0,009	0,035	FALSE
0,019	0,272	-0,001	0,012	0,026	FALSE
-0,025	0,284	0,000	0,013	0,010	FALSE
-0,036	0,291	0,000	0,013	0,008	FALSE
-0,032	0,295	0,000	0,013	0,004	FALSE
-0,022	0,289	0,000	0,013	0,007	FALSE
0,103	0,292	0,006	0,012	0,191	FALSE
0,130	0,293	0,006	0,013	0,189	FALSE
0,116	0,280	0,006	0,013	0,196	FALSE
-0,027	0,279	-0,002	0,012	0,046	FALSE
-0,219	0,270	-0,009	0,012	0,314	FALSE
-0,090	0,289	-0,003	0,012	0,107	FALSE
0,144	0,296	0,006	0,009	0,278	FALSE
-0,129	0,284	-0,003	0,007	0,150	FALSE
-0,173	0,275	-0,006	0,008	0,304	FALSE
-0,342	0,254	-0,014	0,012	0,603	FALSE
-0,174	0,285	-0,005	0,010	0,201	FALSE
-0,086	0,285	-0,001	0,011	0,043	FALSE
-0,062	0,289	-0,002	0,012	0,048	FALSE
0,003	0,284	0,000	0,014	0,007	FALSE

0,290	0,273	0,008	0,009	0,407	TRUE
0,017	0,290	0,001	0,008	0,047	FALSE
-0,114	0,279	-0,003	0,011	0,092	FALSE
0,013	0,284	0,000	0,013	0,009	FALSE
-0,113	0,287	-0,004	0,009	0,152	FALSE
0,087	0,281	0,002	0,011	0,074	FALSE
0,096	0,284	0,003	0,011	0,101	FALSE
0,109	0,281	0,005	0,012	0,177	FALSE
-0,145	0,278	-0,004	0,010	0,158	FALSE
-0,072	0,299	-0,002	0,013	0,057	FALSE
0,024	0,293	0,002	0,015	0,041	FALSE
-0,060	0,291	0,001	0,011	0,025	FALSE
0,063	0,289	0,005	0,013	0,150	FALSE
0,144	0,285	0,005	0,012	0,168	FALSE
0,085	0,295	0,004	0,013	0,136	FALSE
0,240	0,272	0,010	0,015	0,309	FALSE
0,073	0,288	0,002	0,010	0,091	FALSE
-0,013	0,293	-0,003	0,013	0,088	FALSE
-0,018	0,287	-0,001	0,012	0,040	FALSE
-0,021	0,296	0,000	0,013	0,001	FALSE
0,014	0,293	0,002	0,011	0,071	FALSE
0,084	0,279	0,004	0,012	0,118	FALSE
-0,108	0,276	-0,003	0,013	0,092	FALSE
0,007	0,280	-0,002	0,014	0,067	FALSE
-0,058	0,284	-0,002	0,009	0,100	FALSE
-0,032	0,279	0,000	0,011	0,015	FALSE
-0,195	0,279	-0,005	0,009	0,213	FALSE
-0,060	0,279	-0,003	0,012	0,096	FALSE
0,048	0,312	0,001	0,016	0,012	FALSE
-0,216	0,278	-0,005	0,009	0,228	FALSE
0,075	0,277	0,002	0,009	0,093	FALSE
-0,097	0,286	-0,004	0,013	0,106	FALSE
0,150	0,272	0,006	0,013	0,178	FALSE
0,173	0,293	0,007	0,011	0,297	FALSE
0,045	0,282	0,001	0,008	0,064	FALSE
-0,204	0,275	-0,005	0,008	0,258	FALSE
0,055	0,296	0,002	0,013	0,047	FALSE
0,061	0,293	0,002	0,007	0,084	FALSE
-0,009	0,286	0,002	0,009	0,075	FALSE
0,004	0,284	-0,001	0,007	0,038	FALSE
0,060	0,296	0,003	0,009	0,161	FALSE
0,023	0,283	0,002	0,007	0,102	FALSE
-0,145	0,291	-0,007	0,011	0,262	FALSE
0,245	0,278	0,012	0,015	0,406	FALSE
0,076	0,291	0,003	0,011	0,085	FALSE
-0,226	0,278	-0,012	0,013	0,459	FALSE
-0,180	0,284	-0,008	0,014	0,263	FALSE
-0,140	0,292	-0,006	0,014	0,190	FALSE
-0,026	0,278	0,001	0,008	0,024	FALSE
0,283	0,274	0,013	0,013	0,473	FALSE
-0,183	0,281	-0,004	0,007	0,217	FALSE
0,018	0,287	0,000	0,010	0,008	FALSE
-0,073	0,288	-0,003	0,015	0,090	FALSE

-0,066	0,284	-0,003	0,015	0,071	FALSE
0,016	0,277	0,001	0,008	0,026	FALSE
0,172	0,282	0,007	0,014	0,222	FALSE
0,011	0,289	0,002	0,015	0,038	FALSE
-0,099	0,286	-0,003	0,009	0,124	FALSE
0,015	0,307	0,000	0,015	0,009	FALSE
0,052	0,294	0,002	0,014	0,051	FALSE
-0,088	0,278	-0,009	0,014	0,266	FALSE
-0,145	0,284	-0,003	0,007	0,182	FALSE
0,033	0,301	0,000	0,011	0,000	FALSE
-0,097	0,288	-0,002	0,008	0,106	FALSE
-0,109	0,277	-0,002	0,007	0,116	FALSE
-0,030	0,284	-0,001	0,011	0,017	FALSE
-0,120	0,276	-0,003	0,007	0,150	FALSE
-0,089	0,276	-0,002	0,008	0,093	FALSE
0,074	0,288	0,001	0,013	0,020	FALSE
0,064	0,295	0,001	0,015	0,025	FALSE
0,012	0,285	0,001	0,008	0,034	FALSE
-0,032	0,280	-0,002	0,009	0,063	FALSE
0,075	0,289	0,004	0,014	0,095	FALSE
0,051	0,298	0,003	0,015	0,071	FALSE
-0,012	0,288	0,000	0,008	0,014	FALSE
0,002	0,284	0,002	0,012	0,065	FALSE
0,025	0,284	0,004	0,012	0,124	FALSE
0,042	0,287	0,002	0,014	0,059	FALSE
0,063	0,276	0,001	0,012	0,020	FALSE
0,077	0,279	0,005	0,013	0,153	FALSE
0,020	0,300	0,001	0,015	0,026	FALSE
-0,014	0,277	0,000	0,014	0,011	FALSE
0,134	0,289	0,005	0,012	0,176	FALSE
-0,058	0,279	-0,004	0,014	0,095	FALSE
-0,007	0,292	0,002	0,014	0,047	FALSE
0,184	0,297	0,003	0,007	0,184	FALSE
0,053	0,294	0,001	0,009	0,026	FALSE
0,140	0,284	0,006	0,011	0,250	FALSE
-0,116	0,286	-0,004	0,011	0,126	FALSE
-0,185	0,281	-0,008	0,015	0,216	FALSE
0,199	0,275	0,008	0,011	0,323	FALSE
-0,225	0,263	-0,006	0,007	0,353	FALSE
-0,064	0,298	-0,001	0,010	0,046	FALSE
-0,023	0,301	0,000	0,014	0,006	FALSE
0,157	0,264	0,005	0,012	0,158	FALSE
0,010	0,284	0,000	0,014	0,001	FALSE
0,028	0,280	0,000	0,009	0,011	FALSE
0,060	0,290	0,003	0,013	0,079	FALSE
0,049	0,288	0,002	0,007	0,130	FALSE
-0,077	0,291	-0,001	0,009	0,044	FALSE
0,025	0,288	0,002	0,011	0,065	FALSE
0,003	0,289	0,000	0,009	0,001	FALSE
0,070	0,288	0,004	0,011	0,126	FALSE
0,057	0,303	0,002	0,013	0,046	FALSE
-0,181	0,280	-0,004	0,008	0,225	FALSE
0,110	0,297	0,002	0,008	0,114	FALSE

0,032	0,292	0,001	0,008	0,053	FALSE
0,148	0,278	0,004	0,013	0,121	FALSE
0,217	0,270	0,006	0,011	0,205	FALSE
-0,143	0,289	-0,004	0,008	0,227	FALSE
-0,001	0,284	0,000	0,010	0,018	FALSE
-0,014	0,280	0,000	0,013	0,007	FALSE
0,058	0,295	0,002	0,015	0,043	FALSE
0,043	0,287	0,002	0,009	0,084	FALSE
-0,025	0,284	0,002	0,009	0,073	FALSE
-0,219	0,279	-0,007	0,012	0,257	FALSE
0,095	0,299	0,004	0,012	0,119	FALSE
0,050	0,278	0,003	0,011	0,098	FALSE
-0,173	0,287	-0,006	0,012	0,198	FALSE
-0,072	0,282	-0,004	0,013	0,113	FALSE
0,059	0,269	0,003	0,009	0,165	FALSE
0,014	0,284	-0,001	0,011	0,041	FALSE
-0,034	0,289	-0,002	0,008	0,070	FALSE
-0,025	0,291	0,000	0,011	0,005	FALSE
-0,023	0,290	0,000	0,007	0,005	FALSE
0,017	0,288	0,001	0,009	0,054	FALSE
0,010	0,274	-0,001	0,013	0,027	FALSE
0,128	0,292	0,003	0,008	0,126	FALSE
0,031	0,288	0,001	0,014	0,027	FALSE
0,017	0,301	0,002	0,009	0,079	FALSE
-0,135	0,287	-0,005	0,014	0,152	FALSE
0,197	0,293	0,005	0,008	0,297	FALSE
0,126	0,299	0,005	0,009	0,214	FALSE
0,152	0,285	0,011	0,015	0,317	FALSE
0,138	0,296	0,009	0,015	0,275	FALSE
0,132	0,284	0,005	0,008	0,237	FALSE
0,061	0,295	0,006	0,015	0,174	FALSE
0,006	0,284	0,000	0,008	0,003	FALSE
0,102	0,289	0,003	0,008	0,146	FALSE
0,094	0,283	0,002	0,009	0,109	FALSE
0,117	0,290	0,004	0,007	0,257	FALSE
0,023	0,299	0,002	0,014	0,051	FALSE
0,024	0,298	0,001	0,009	0,057	FALSE
0,125	0,285	0,003	0,009	0,120	FALSE
0,121	0,287	0,004	0,009	0,180	FALSE
0,025	0,289	0,002	0,009	0,092	FALSE
0,031	0,272	0,001	0,012	0,025	FALSE
0,011	0,292	-0,001	0,014	0,031	FALSE
0,160	0,278	0,011	0,014	0,378	FALSE
0,046	0,287	0,002	0,014	0,050	FALSE
-0,068	0,304	-0,002	0,010	0,078	FALSE
0,093	0,282	0,003	0,010	0,117	FALSE
-0,101	0,298	-0,006	0,015	0,159	FALSE
-0,021	0,278	-0,002	0,012	0,051	FALSE
0,004	0,273	-0,001	0,009	0,032	FALSE
-0,037	0,287	-0,003	0,008	0,149	FALSE
-0,112	0,277	-0,003	0,010	0,117	FALSE
-0,025	0,285	-0,003	0,011	0,125	FALSE
-0,173	0,280	-0,006	0,013	0,201	FALSE

0,084	0,289	0,004	0,011	0,124	FALSE
0,094	0,289	0,002	0,008	0,076	FALSE
0,165	0,281	0,005	0,008	0,261	FALSE
0,164	0,272	0,003	0,008	0,149	FALSE
0,046	0,304	0,001	0,012	0,029	FALSE
-0,016	0,284	0,000	0,008	0,010	FALSE
-0,077	0,291	-0,002	0,008	0,111	FALSE
0,235	0,280	0,007	0,009	0,333	FALSE
-0,067	0,289	-0,001	0,008	0,024	FALSE
0,009	0,293	-0,001	0,008	0,025	FALSE
0,020	0,296	-0,001	0,009	0,026	FALSE
0,042	0,286	0,000	0,009	0,007	FALSE
-0,023	0,285	-0,002	0,008	0,072	FALSE
-0,081	0,273	-0,001	0,007	0,037	FALSE
-0,180	0,287	-0,010	0,015	0,302	FALSE
0,159	0,277	0,005	0,013	0,164	FALSE
0,137	0,297	0,004	0,016	0,086	FALSE
0,044	0,292	0,002	0,012	0,067	FALSE
0,051	0,292	0,003	0,013	0,087	FALSE
-0,038	0,282	-0,001	0,009	0,042	FALSE
-0,087	0,298	-0,002	0,010	0,065	FALSE
0,014	0,284	0,000	0,010	0,002	FALSE
-0,050	0,282	-0,002	0,010	0,089	FALSE
0,027	0,291	0,000	0,014	0,008	FALSE
-0,111	0,282	-0,004	0,009	0,175	FALSE
0,022	0,293	0,000	0,014	0,010	FALSE
0,133	0,284	0,008	0,015	0,232	FALSE
0,013	0,293	0,002	0,010	0,060	FALSE
0,019	0,263	0,001	0,013	0,024	FALSE
-0,128	0,271	-0,007	0,011	0,256	FALSE
0,070	0,287	0,002	0,015	0,056	FALSE
0,101	0,283	0,004	0,014	0,101	FALSE
-0,086	0,296	-0,002	0,010	0,061	FALSE
-0,032	0,279	-0,001	0,011	0,020	FALSE
-0,078	0,283	-0,002	0,011	0,081	FALSE
-0,071	0,283	-0,002	0,012	0,071	FALSE
0,047	0,283	0,001	0,007	0,051	FALSE
-0,008	0,281	0,001	0,013	0,016	FALSE
-0,019	0,290	0,000	0,012	0,002	FALSE
0,052	0,284	0,001	0,008	0,053	FALSE
0,069	0,299	0,004	0,013	0,110	FALSE
0,059	0,295	0,002	0,011	0,065	FALSE
-0,213	0,263	-0,008	0,014	0,230	FALSE
0,047	0,293	0,002	0,013	0,050	FALSE
0,092	0,300	0,002	0,008	0,077	FALSE
0,015	0,294	-0,001	0,011	0,034	FALSE
-0,174	0,274	-0,007	0,010	0,324	FALSE
-0,022	0,283	-0,002	0,014	0,048	FALSE
0,068	0,302	0,004	0,015	0,101	FALSE
0,097	0,279	0,005	0,014	0,148	FALSE
0,038	0,290	0,001	0,008	0,024	FALSE
0,135	0,281	0,006	0,013	0,180	FALSE
0,019	0,272	-0,001	0,012	0,039	FALSE

0,064	0,273	0,000	0,013	0,006	FALSE
0,038	0,287	0,003	0,015	0,081	FALSE
0,002	0,295	-0,001	0,010	0,040	FALSE
-0,054	0,286	-0,002	0,011	0,072	FALSE
-0,054	0,296	-0,003	0,012	0,094	FALSE
-0,046	0,285	-0,004	0,014	0,103	FALSE
0,175	0,281	0,007	0,013	0,230	FALSE
0,120	0,286	0,005	0,015	0,148	FALSE
-0,051	0,289	-0,002	0,011	0,052	FALSE
0,011	0,290	0,000	0,007	0,006	FALSE
-0,044	0,296	-0,002	0,014	0,045	FALSE
0,056	0,290	0,002	0,010	0,059	FALSE
-0,130	0,291	-0,005	0,012	0,188	FALSE
-0,004	0,293	0,000	0,011	0,009	FALSE
-0,116	0,288	-0,005	0,014	0,151	FALSE
-0,052	0,309	0,001	0,016	0,034	FALSE
0,117	0,287	0,005	0,011	0,173	FALSE
0,177	0,270	0,004	0,015	0,106	FALSE
-0,082	0,288	-0,001	0,010	0,037	FALSE
0,197	0,276	0,006	0,010	0,280	FALSE
-0,067	0,295	-0,002	0,015	0,038	FALSE
-0,131	0,277	-0,003	0,011	0,114	FALSE
-0,055	0,272	-0,002	0,008	0,093	FALSE
-0,058	0,286	-0,003	0,008	0,127	FALSE
-0,134	0,270	-0,005	0,015	0,143	FALSE
-0,050	0,286	-0,002	0,008	0,102	FALSE
-0,107	0,301	-0,004	0,009	0,168	FALSE
-0,096	0,293	-0,003	0,010	0,116	FALSE
-0,093	0,296	-0,003	0,012	0,091	FALSE
-0,098	0,279	-0,003	0,014	0,079	FALSE
0,005	0,285	-0,001	0,011	0,027	FALSE
0,148	0,274	0,007	0,012	0,265	FALSE
0,006	0,286	0,001	0,008	0,069	FALSE
-0,006	0,304	-0,002	0,012	0,056	FALSE
-0,016	0,282	-0,002	0,011	0,084	FALSE
-0,011	0,275	-0,002	0,011	0,068	FALSE
-0,033	0,292	-0,003	0,011	0,088	FALSE
-0,089	0,280	-0,003	0,009	0,127	FALSE
0,038	0,276	0,003	0,014	0,093	FALSE
0,043	0,275	0,003	0,012	0,093	FALSE
0,023	0,277	0,000	0,009	0,015	FALSE
0,039	0,305	0,000	0,010	0,007	FALSE
-0,061	0,290	-0,002	0,013	0,065	FALSE
-0,058	0,289	-0,001	0,012	0,016	FALSE
0,163	0,292	0,009	0,015	0,283	TRUE
0,207	0,284	0,009	0,014	0,282	FALSE
0,175	0,274	0,010	0,014	0,323	FALSE
-0,014	0,282	-0,002	0,012	0,078	FALSE
-0,098	0,280	-0,001	0,008	0,056	FALSE
0,097	0,285	0,003	0,010	0,123	FALSE
-0,074	0,286	0,001	0,012	0,022	FALSE
0,009	0,290	0,000	0,008	0,001	FALSE
-0,147	0,284	-0,005	0,013	0,169	FALSE

-0,066	0,296	-0,005	0,014	0,126	FALSE
-0,109	0,284	-0,004	0,011	0,161	FALSE
-0,061	0,276	-0,003	0,010	0,106	FALSE
-0,023	0,279	0,000	0,007	0,009	FALSE
0,135	0,296	0,004	0,010	0,177	FALSE
0,128	0,281	0,003	0,010	0,136	FALSE
-0,125	0,290	-0,002	0,007	0,134	FALSE
-0,113	0,291	-0,005	0,015	0,123	FALSE
0,062	0,286	0,003	0,010	0,093	FALSE
0,127	0,262	0,005	0,014	0,150	FALSE
0,021	0,292	0,002	0,008	0,076	FALSE
0,064	0,279	0,001	0,009	0,051	FALSE
-0,039	0,300	-0,003	0,011	0,108	FALSE
0,151	0,292	0,004	0,009	0,153	FALSE
-0,038	0,279	0,001	0,009	0,025	FALSE
0,145	0,290	0,006	0,010	0,236	FALSE
-0,019	0,289	0,001	0,008	0,039	FALSE
-0,021	0,287	-0,001	0,014	0,013	FALSE
0,022	0,305	0,003	0,015	0,064	FALSE
-0,038	0,305	-0,002	0,011	0,076	FALSE
0,004	0,284	0,000	0,012	0,002	FALSE
0,040	0,284	0,001	0,013	0,015	FALSE
0,064	0,280	0,003	0,012	0,099	FALSE
-0,061	0,289	-0,004	0,014	0,114	FALSE
-0,005	0,290	0,001	0,007	0,031	FALSE
0,018	0,290	0,002	0,013	0,071	FALSE
0,091	0,293	0,004	0,015	0,093	FALSE
0,006	0,267	-0,001	0,012	0,016	FALSE
0,177	0,290	0,006	0,010	0,256	FALSE
-0,056	0,283	-0,002	0,008	0,113	FALSE
0,008	0,280	0,000	0,008	0,001	FALSE
0,104	0,299	0,004	0,009	0,165	FALSE
-0,053	0,293	-0,001	0,009	0,057	FALSE
0,236	0,283	0,005	0,008	0,317	FALSE
-0,008	0,294	0,001	0,012	0,031	FALSE
0,017	0,278	0,001	0,010	0,026	FALSE
0,020	0,288	0,000	0,010	0,011	FALSE
-0,022	0,285	0,001	0,011	0,036	FALSE
-0,093	0,281	-0,002	0,009	0,095	FALSE
0,010	0,285	0,000	0,008	0,011	FALSE
0,004	0,292	0,000	0,011	0,004	FALSE
-0,002	0,280	0,000	0,011	0,005	FALSE
-0,053	0,282	-0,002	0,013	0,046	FALSE
-0,006	0,279	-0,001	0,011	0,016	FALSE
-0,082	0,300	-0,004	0,013	0,122	FALSE
-0,038	0,289	0,000	0,008	0,018	FALSE
0,006	0,303	0,000	0,011	0,005	FALSE
-0,011	0,292	0,000	0,010	0,014	FALSE
0,068	0,294	0,005	0,015	0,128	FALSE
-0,031	0,286	0,000	0,015	0,005	FALSE
0,154	0,289	0,006	0,014	0,160	FALSE
-0,102	0,275	-0,002	0,011	0,057	FALSE
-0,035	0,300	-0,002	0,015	0,037	FALSE

0,127	0,287	0,005	0,011	0,199	FALSE
0,061	0,275	0,001	0,015	0,034	FALSE
-0,144	0,292	-0,005	0,010	0,200	FALSE
-0,090	0,296	-0,002	0,008	0,092	FALSE
0,167	0,283	0,003	0,010	0,119	FALSE
-0,110	0,268	-0,002	0,010	0,086	FALSE
-0,028	0,287	-0,002	0,007	0,081	FALSE
-0,024	0,286	-0,001	0,007	0,058	FALSE
-0,021	0,279	-0,002	0,013	0,047	FALSE
-0,017	0,288	-0,001	0,013	0,037	FALSE
-0,043	0,280	-0,002	0,011	0,063	FALSE
0,001	0,311	0,000	0,009	0,000	FALSE
0,066	0,296	0,002	0,008	0,105	FALSE
-0,090	0,267	-0,001	0,008	0,069	FALSE
-0,068	0,280	-0,001	0,012	0,032	FALSE
0,115	0,290	0,002	0,009	0,095	FALSE
-0,030	0,288	-0,002	0,012	0,054	FALSE
-0,111	0,281	-0,001	0,007	0,068	FALSE
-0,084	0,296	-0,002	0,013	0,071	FALSE
-0,097	0,292	-0,003	0,009	0,148	FALSE
-0,182	0,281	-0,003	0,009	0,155	FALSE
-0,011	0,295	-0,001	0,008	0,038	FALSE
0,073	0,287	0,002	0,007	0,090	FALSE
0,036	0,286	0,002	0,009	0,108	FALSE
0,067	0,290	0,002	0,013	0,074	FALSE
0,040	0,283	0,000	0,007	0,014	FALSE
0,015	0,278	0,001	0,015	0,019	FALSE
0,018	0,286	0,000	0,015	0,006	FALSE
-0,138	0,289	-0,006	0,015	0,161	FALSE
-0,148	0,289	-0,007	0,014	0,214	FALSE
-0,021	0,295	-0,001	0,011	0,024	FALSE
0,071	0,286	0,003	0,011	0,091	FALSE
0,069	0,281	0,002	0,009	0,069	FALSE
0,036	0,287	0,002	0,014	0,056	FALSE
0,207	0,282	0,005	0,009	0,241	FALSE
-0,101	0,302	-0,003	0,014	0,070	FALSE
-0,001	0,297	0,002	0,013	0,046	FALSE
0,008	0,291	0,001	0,013	0,019	FALSE
0,054	0,289	0,004	0,013	0,114	FALSE
-0,004	0,299	0,000	0,010	0,005	FALSE
-0,019	0,271	-0,003	0,013	0,099	FALSE
-0,020	0,287	-0,004	0,014	0,099	FALSE
-0,045	0,291	-0,005	0,014	0,140	FALSE
-0,043	0,282	-0,004	0,013	0,126	FALSE
0,026	0,289	-0,001	0,011	0,045	FALSE
-0,034	0,298	0,000	0,009	0,012	FALSE
-0,055	0,291	-0,003	0,015	0,086	FALSE
-0,071	0,296	-0,004	0,015	0,090	FALSE
0,059	0,287	0,003	0,014	0,068	FALSE
0,099	0,287	0,002	0,007	0,080	FALSE
-0,074	0,265	-0,001	0,015	0,021	FALSE
0,125	0,283	0,006	0,013	0,168	FALSE
0,135	0,289	0,004	0,011	0,155	FALSE

-0,038	0,289	0,000	0,008	0,003	FALSE
-0,040	0,299	-0,003	0,014	0,071	FALSE
-0,013	0,308	0,001	0,015	0,016	FALSE
0,054	0,281	0,001	0,007	0,044	FALSE
-0,154	0,289	-0,006	0,011	0,202	FALSE
-0,159	0,271	-0,003	0,014	0,084	FALSE
-0,157	0,281	-0,003	0,015	0,082	FALSE
0,016	0,293	0,000	0,008	0,003	FALSE
0,047	0,280	0,002	0,011	0,060	FALSE
0,095	0,272	0,002	0,012	0,068	FALSE
-0,145	0,262	-0,005	0,010	0,215	FALSE
-0,118	0,291	-0,002	0,008	0,102	FALSE
-0,065	0,284	0,000	0,008	0,011	FALSE
-0,040	0,295	-0,001	0,009	0,047	FALSE
-0,034	0,287	-0,003	0,011	0,122	FALSE
-0,065	0,284	-0,003	0,011	0,112	FALSE
-0,134	0,280	-0,005	0,013	0,167	FALSE
-0,076	0,291	-0,001	0,009	0,030	FALSE
0,000	0,292	0,001	0,012	0,017	FALSE
-0,154	0,283	-0,006	0,012	0,212	FALSE
0,118	0,285	0,004	0,010	0,154	FALSE
-0,110	0,283	-0,003	0,009	0,160	FALSE
-0,050	0,282	-0,002	0,009	0,095	FALSE
0,024	0,289	0,002	0,008	0,087	FALSE
0,018	0,286	0,001	0,008	0,054	FALSE
0,002	0,292	0,001	0,013	0,041	FALSE
0,024	0,302	0,002	0,014	0,049	FALSE
-0,039	0,293	0,000	0,008	0,002	FALSE
0,017	0,296	0,002	0,008	0,079	FALSE
0,140	0,266	0,005	0,013	0,159	FALSE
0,115	0,271	0,003	0,014	0,085	FALSE
-0,007	0,285	0,000	0,008	0,003	FALSE
0,147	0,287	0,003	0,011	0,121	FALSE
0,135	0,284	0,003	0,012	0,090	FALSE
0,007	0,291	0,003	0,011	0,092	FALSE
0,025	0,290	0,000	0,008	0,012	FALSE
-0,009	0,281	0,000	0,007	0,020	FALSE
-0,007	0,278	-0,003	0,012	0,092	FALSE
-0,126	0,260	-0,002	0,007	0,099	FALSE
0,005	0,292	0,002	0,012	0,066	FALSE
-0,047	0,271	-0,001	0,011	0,041	FALSE
0,122	0,285	0,002	0,009	0,082	FALSE
0,171	0,268	0,007	0,015	0,207	FALSE
0,158	0,282	0,003	0,009	0,144	FALSE
-0,041	0,285	-0,001	0,015	0,017	FALSE
-0,079	0,293	-0,002	0,012	0,065	FALSE
0,121	0,280	0,004	0,009	0,176	FALSE
0,030	0,273	0,001	0,012	0,016	FALSE
-0,078	0,287	-0,002	0,010	0,089	FALSE
-0,030	0,289	0,001	0,010	0,043	FALSE
0,177	0,280	0,005	0,010	0,232	FALSE
0,082	0,293	0,003	0,011	0,094	FALSE
-0,063	0,283	-0,005	0,014	0,148	FALSE

-0,117	0,283	-0,007	0,011	0,266	FALSE
-0,022	0,294	0,000	0,010	0,009	FALSE
-0,007	0,291	-0,003	0,014	0,077	FALSE
-0,051	0,288	-0,001	0,012	0,020	FALSE
-0,139	0,286	-0,005	0,008	0,237	FALSE
0,008	0,289	-0,001	0,009	0,028	FALSE
-0,066	0,277	-0,001	0,012	0,037	FALSE
0,089	0,282	0,001	0,008	0,040	FALSE
0,061	0,282	0,002	0,008	0,102	FALSE
0,119	0,284	0,002	0,010	0,090	FALSE
-0,124	0,298	-0,003	0,008	0,175	FALSE
0,169	0,287	0,006	0,012	0,198	FALSE
0,052	0,282	0,001	0,008	0,059	FALSE
0,106	0,277	0,002	0,011	0,053	FALSE
-0,120	0,283	-0,003	0,011	0,118	FALSE
0,164	0,282	0,008	0,014	0,236	FALSE
-0,012	0,308	0,001	0,010	0,045	FALSE
0,050	0,288	0,001	0,009	0,050	FALSE
-0,128	0,282	-0,005	0,013	0,142	FALSE
-0,076	0,283	-0,001	0,013	0,034	FALSE
-0,020	0,284	0,000	0,011	0,000	FALSE
0,004	0,303	0,001	0,009	0,061	FALSE
-0,110	0,298	-0,004	0,013	0,104	FALSE
-0,035	0,289	0,000	0,009	0,006	FALSE
0,102	0,270	0,002	0,009	0,078	FALSE
0,157	0,282	0,008	0,010	0,378	FALSE
0,105	0,276	0,003	0,014	0,074	FALSE
0,080	0,285	0,002	0,014	0,047	FALSE
0,138	0,286	0,003	0,013	0,095	FALSE
-0,051	0,287	0,002	0,015	0,049	FALSE
-0,102	0,288	-0,005	0,014	0,140	FALSE
0,095	0,269	0,004	0,013	0,136	FALSE
-0,083	0,281	-0,002	0,014	0,059	FALSE
-0,004	0,285	-0,001	0,010	0,023	FALSE
0,010	0,284	0,000	0,011	0,002	FALSE
0,025	0,289	0,000	0,013	0,001	FALSE
-0,073	0,291	-0,002	0,015	0,063	FALSE
-0,012	0,268	-0,001	0,012	0,025	FALSE
0,083	0,287	0,003	0,009	0,110	FALSE
0,078	0,278	0,002	0,009	0,098	FALSE
0,033	0,273	0,000	0,012	0,008	FALSE
0,031	0,280	0,000	0,009	0,002	FALSE
0,017	0,285	0,000	0,011	0,003	FALSE
-0,015	0,289	0,000	0,012	0,007	FALSE
-0,069	0,303	-0,001	0,009	0,035	FALSE
-0,165	0,279	-0,004	0,009	0,210	FALSE
0,059	0,272	-0,001	0,011	0,024	FALSE
-0,003	0,265	-0,002	0,012	0,068	FALSE
0,074	0,273	0,002	0,010	0,093	FALSE
-0,045	0,283	-0,001	0,009	0,059	FALSE
-0,035	0,293	-0,001	0,015	0,033	FALSE
-0,007	0,300	0,000	0,008	0,005	FALSE
0,043	0,290	0,002	0,008	0,116	FALSE

-0,118	0,294	-0,003	0,011	0,096	FALSE
-0,037	0,291	-0,003	0,013	0,104	FALSE
-0,009	0,296	0,002	0,011	0,056	FALSE
0,170	0,282	0,005	0,011	0,214	FALSE
-0,022	0,281	-0,001	0,011	0,019	FALSE
-0,009	0,282	0,000	0,011	0,003	FALSE
0,038	0,286	0,001	0,009	0,023	FALSE
0,013	0,276	0,000	0,008	0,017	FALSE
-0,007	0,293	-0,001	0,009	0,029	FALSE
0,036	0,290	0,001	0,009	0,026	FALSE
0,106	0,289	0,004	0,011	0,145	FALSE
-0,013	0,293	0,000	0,012	0,010	FALSE
0,009	0,285	0,001	0,011	0,037	FALSE
0,049	0,298	0,002	0,012	0,075	FALSE
-0,032	0,299	-0,001	0,012	0,032	FALSE
0,028	0,295	0,001	0,009	0,040	FALSE
-0,009	0,299	-0,002	0,009	0,070	FALSE
-0,047	0,299	-0,001	0,008	0,033	FALSE
-0,094	0,276	-0,001	0,007	0,075	FALSE
-0,024	0,297	-0,001	0,007	0,064	FALSE
0,045	0,299	0,002	0,011	0,054	FALSE
-0,082	0,293	-0,002	0,008	0,078	FALSE
0,099	0,286	0,004	0,013	0,117	FALSE
-0,008	0,298	-0,003	0,014	0,075	FALSE
0,104	0,294	0,005	0,015	0,135	FALSE
0,052	0,267	0,001	0,009	0,046	FALSE
0,183	0,268	0,007	0,014	0,190	FALSE
-0,076	0,292	-0,002	0,012	0,054	FALSE
0,273	0,268	0,009	0,011	0,396	FALSE
-0,136	0,292	-0,003	0,011	0,112	FALSE
-0,072	0,288	-0,003	0,010	0,106	FALSE
0,074	0,289	0,003	0,011	0,115	FALSE
0,008	0,279	0,002	0,014	0,052	FALSE
-0,006	0,286	0,002	0,014	0,041	FALSE
-0,048	0,285	-0,001	0,013	0,029	FALSE
-0,094	0,285	-0,003	0,014	0,087	FALSE
-0,106	0,303	-0,004	0,015	0,095	FALSE
-0,115	0,280	-0,004	0,014	0,106	FALSE
-0,095	0,293	-0,003	0,014	0,088	FALSE
0,232	0,281	0,008	0,012	0,303	FALSE
0,153	0,287	0,006	0,012	0,217	FALSE
0,012	0,301	0,001	0,008	0,054	FALSE
-0,101	0,278	-0,003	0,013	0,094	FALSE
0,108	0,281	0,002	0,008	0,113	FALSE
0,030	0,284	0,001	0,007	0,049	FALSE
0,040	0,291	0,002	0,009	0,090	FALSE
0,086	0,263	0,002	0,009	0,081	FALSE
-0,215	0,264	-0,012	0,014	0,430	FALSE
0,048	0,297	0,005	0,010	0,179	FALSE
0,011	0,292	0,002	0,008	0,084	FALSE
0,095	0,289	0,004	0,008	0,215	FALSE
-0,004	0,277	-0,002	0,008	0,084	FALSE
0,111	0,280	0,003	0,010	0,112	FALSE

-0,015	0,293	-0,001	0,010	0,032	FALSE
-0,077	0,283	-0,002	0,010	0,092	FALSE
0,106	0,289	0,005	0,013	0,152	FALSE
-0,072	0,273	-0,005	0,013	0,139	FALSE
-0,010	0,284	-0,001	0,015	0,030	FALSE
0,060	0,292	0,004	0,015	0,106	FALSE
-0,056	0,288	-0,002	0,009	0,079	FALSE
0,058	0,289	0,000	0,010	0,003	FALSE
0,057	0,299	0,000	0,010	0,005	FALSE
-0,064	0,286	-0,002	0,010	0,082	FALSE
0,015	0,308	0,001	0,009	0,054	FALSE
-0,018	0,289	-0,001	0,009	0,055	FALSE
0,033	0,279	0,001	0,013	0,031	FALSE
0,050	0,290	0,002	0,013	0,044	FALSE
0,081	0,289	0,001	0,010	0,039	FALSE
0,092	0,281	0,004	0,013	0,128	FALSE
0,047	0,287	0,002	0,013	0,046	FALSE
0,052	0,301	0,002	0,014	0,064	FALSE
0,028	0,281	0,000	0,008	0,002	FALSE
0,129	0,288	0,003	0,008	0,158	FALSE
-0,078	0,291	-0,002	0,008	0,099	FALSE
-0,004	0,292	0,000	0,008	0,013	FALSE
-0,189	0,288	-0,008	0,015	0,220	FALSE
-0,076	0,291	-0,004	0,015	0,103	FALSE
-0,252	0,255	-0,010	0,011	0,409	FALSE
0,027	0,300	0,002	0,008	0,069	FALSE
-0,086	0,283	-0,002	0,008	0,100	FALSE
0,051	0,293	0,003	0,015	0,071	FALSE
0,023	0,271	0,004	0,013	0,110	FALSE
0,002	0,287	0,001	0,013	0,040	FALSE
-0,006	0,286	0,001	0,013	0,035	FALSE
-0,061	0,280	0,001	0,010	0,041	FALSE
-0,048	0,288	-0,003	0,014	0,090	FALSE
-0,010	0,291	0,001	0,011	0,049	FALSE
-0,130	0,284	-0,003	0,010	0,131	FALSE
-0,021	0,286	0,000	0,010	0,011	FALSE
-0,022	0,272	-0,001	0,011	0,043	FALSE
-0,082	0,280	0,000	0,013	0,007	FALSE
-0,122	0,278	-0,003	0,012	0,104	FALSE
0,036	0,296	0,001	0,008	0,041	FALSE
-0,123	0,279	-0,003	0,008	0,183	FALSE
-0,061	0,276	0,000	0,015	0,001	FALSE
0,066	0,293	0,002	0,016	0,047	FALSE
0,024	0,291	0,003	0,012	0,108	FALSE
-0,118	0,285	-0,004	0,009	0,169	FALSE
0,174	0,291	0,005	0,009	0,206	FALSE
0,141	0,286	0,007	0,012	0,275	FALSE
0,177	0,283	0,006	0,011	0,228	FALSE
-0,029	0,288	-0,001	0,011	0,040	FALSE
-0,110	0,279	-0,005	0,013	0,144	FALSE
-0,006	0,296	0,001	0,013	0,023	FALSE
-0,027	0,281	-0,001	0,013	0,033	FALSE
-0,080	0,294	-0,005	0,015	0,121	FALSE

0,175	0,279	0,005	0,008	0,258	FALSE
0,014	0,293	0,000	0,012	0,006	FALSE
0,139	0,269	0,004	0,010	0,174	FALSE
-0,113	0,285	-0,002	0,008	0,083	FALSE
-0,109	0,274	-0,002	0,009	0,086	FALSE
0,033	0,263	0,001	0,012	0,036	FALSE
0,000	0,278	0,001	0,008	0,034	FALSE
-0,032	0,291	-0,001	0,015	0,034	FALSE
0,142	0,275	0,002	0,007	0,090	FALSE
0,006	0,294	0,000	0,015	0,005	FALSE
-0,019	0,292	-0,001	0,015	0,035	FALSE
-0,109	0,283	-0,002	0,010	0,086	FALSE
-0,104	0,274	-0,006	0,015	0,157	FALSE
-0,080	0,280	-0,004	0,011	0,158	FALSE
-0,029	0,278	-0,002	0,010	0,066	FALSE
0,104	0,287	0,005	0,011	0,194	FALSE
-0,063	0,293	-0,002	0,007	0,083	FALSE
0,058	0,292	0,005	0,015	0,128	FALSE
-0,069	0,279	-0,002	0,012	0,068	FALSE
-0,005	0,273	0,000	0,011	0,010	FALSE
-0,030	0,293	-0,002	0,011	0,063	FALSE
0,134	0,289	0,003	0,009	0,132	FALSE
0,174	0,289	0,006	0,014	0,193	FALSE
-0,209	0,266	-0,007	0,010	0,325	FALSE
0,112	0,290	0,005	0,015	0,123	FALSE
-0,063	0,288	-0,001	0,013	0,041	FALSE
0,039	0,293	0,000	0,010	0,013	FALSE
-0,090	0,295	-0,004	0,013	0,122	FALSE
-0,199	0,278	-0,004	0,008	0,246	FALSE
-0,008	0,284	0,000	0,009	0,013	FALSE
-0,045	0,282	-0,003	0,015	0,073	FALSE
-0,062	0,292	-0,002	0,012	0,056	FALSE
-0,060	0,281	-0,004	0,012	0,141	FALSE
-0,045	0,287	-0,001	0,012	0,039	FALSE
-0,006	0,278	0,000	0,010	0,016	FALSE
0,083	0,280	0,005	0,013	0,158	FALSE
-0,026	0,292	-0,002	0,011	0,071	FALSE
-0,074	0,287	-0,002	0,010	0,071	FALSE
-0,203	0,289	-0,005	0,007	0,269	FALSE
0,017	0,281	0,001	0,009	0,032	FALSE
0,110	0,287	0,001	0,009	0,041	FALSE
-0,020	0,292	0,001	0,014	0,026	FALSE
-0,017	0,295	0,002	0,015	0,038	FALSE
0,033	0,297	0,003	0,013	0,091	FALSE
0,120	0,291	0,004	0,009	0,149	FALSE
0,099	0,282	0,003	0,010	0,096	FALSE
0,049	0,301	0,002	0,012	0,071	FALSE
0,126	0,281	0,004	0,012	0,118	FALSE
0,127	0,279	0,004	0,013	0,117	FALSE
0,119	0,291	0,004	0,014	0,102	FALSE
-0,121	0,280	-0,002	0,009	0,105	FALSE
0,061	0,279	0,004	0,015	0,103	FALSE
0,086	0,296	0,001	0,008	0,034	FALSE

0,074	0,280	0,001	0,014	0,016	FALSE
0,118	0,293	0,002	0,007	0,088	FALSE
0,091	0,290	0,004	0,013	0,136	FALSE
-0,064	0,280	-0,005	0,011	0,170	FALSE
0,125	0,287	0,006	0,015	0,154	FALSE
-0,112	0,278	-0,003	0,008	0,165	FALSE
0,039	0,282	0,002	0,009	0,072	FALSE
0,121	0,286	0,005	0,010	0,192	FALSE
0,134	0,288	0,006	0,014	0,180	FALSE
0,177	0,279	0,004	0,010	0,162	FALSE
0,089	0,274	0,000	0,011	0,014	FALSE
-0,078	0,284	-0,002	0,010	0,072	FALSE
0,089	0,282	0,001	0,008	0,053	FALSE
-0,048	0,298	-0,004	0,011	0,156	FALSE
0,083	0,277	0,001	0,008	0,059	FALSE
-0,059	0,283	-0,001	0,010	0,054	FALSE
0,040	0,275	-0,001	0,014	0,024	FALSE
-0,199	0,287	-0,006	0,009	0,288	FALSE
-0,024	0,289	-0,001	0,008	0,053	FALSE
0,076	0,294	0,004	0,013	0,114	FALSE
0,078	0,296	0,004	0,013	0,120	FALSE
0,038	0,282	0,001	0,009	0,033	FALSE
0,079	0,278	0,002	0,008	0,108	FALSE
-0,033	0,295	0,000	0,009	0,012	FALSE
0,105	0,280	0,006	0,015	0,172	FALSE
0,059	0,287	0,002	0,009	0,086	FALSE
-0,189	0,276	-0,004	0,007	0,285	FALSE
-0,136	0,287	-0,007	0,014	0,205	FALSE
0,001	0,275	0,000	0,009	0,006	FALSE
0,039	0,297	0,002	0,013	0,052	FALSE
0,179	0,285	0,004	0,007	0,260	FALSE
0,093	0,296	0,004	0,012	0,146	FALSE
-0,029	0,300	-0,001	0,012	0,019	FALSE
0,032	0,283	0,001	0,010	0,042	FALSE
-0,083	0,284	-0,001	0,009	0,029	FALSE
0,047	0,276	0,002	0,014	0,042	FALSE
0,009	0,284	-0,002	0,010	0,054	FALSE
0,119	0,273	0,005	0,013	0,144	FALSE
-0,077	0,267	0,000	0,011	0,012	FALSE
0,064	0,290	0,003	0,013	0,076	FALSE
-0,050	0,279	-0,003	0,014	0,077	FALSE
-0,005	0,286	0,001	0,009	0,036	FALSE
-0,009	0,283	-0,002	0,015	0,044	FALSE
-0,039	0,279	0,000	0,009	0,005	FALSE
-0,090	0,283	-0,002	0,009	0,065	FALSE
-0,060	0,296	0,000	0,015	0,009	FALSE
-0,154	0,282	-0,006	0,015	0,172	FALSE
0,124	0,288	0,003	0,011	0,093	FALSE
-0,028	0,271	0,000	0,012	0,012	FALSE
0,008	0,287	-0,001	0,009	0,047	FALSE
0,014	0,292	0,000	0,012	0,014	FALSE
-0,112	0,282	-0,003	0,010	0,124	FALSE
-0,022	0,290	0,001	0,013	0,028	FALSE

0,077	0,283	0,002	0,014	0,040	FALSE
-0,335	0,258	-0,016	0,015	0,532	FALSE
0,008	0,283	0,000	0,010	0,003	FALSE
-0,043	0,290	-0,002	0,009	0,070	FALSE
-0,050	0,290	0,000	0,010	0,013	FALSE
-0,050	0,295	0,001	0,014	0,022	FALSE
-0,084	0,280	-0,004	0,014	0,107	FALSE
-0,143	0,281	-0,006	0,011	0,233	FALSE
0,121	0,294	0,006	0,013	0,190	FALSE
-0,040	0,290	-0,001	0,008	0,027	FALSE
0,022	0,288	0,002	0,015	0,043	FALSE
-0,129	0,284	-0,003	0,011	0,111	FALSE
-0,058	0,280	-0,001	0,008	0,053	FALSE
-0,025	0,292	-0,002	0,014	0,063	FALSE
-0,020	0,291	0,001	0,009	0,030	FALSE
-0,027	0,282	-0,002	0,012	0,052	FALSE
-0,075	0,284	-0,003	0,012	0,078	FALSE
0,028	0,293	0,001	0,014	0,025	FALSE
0,097	0,292	0,002	0,008	0,098	FALSE
0,060	0,287	0,002	0,009	0,083	FALSE
0,069	0,293	0,001	0,008	0,056	FALSE
0,198	0,269	0,006	0,008	0,356	FALSE
0,062	0,289	0,002	0,012	0,055	FALSE
0,015	0,287	0,000	0,010	0,012	FALSE
-0,075	0,292	-0,001	0,008	0,061	FALSE
0,111	0,290	0,002	0,008	0,101	FALSE
0,096	0,283	0,003	0,015	0,065	FALSE
0,023	0,284	-0,002	0,009	0,082	FALSE
0,128	0,300	0,003	0,008	0,167	FALSE
0,121	0,277	0,006	0,015	0,150	FALSE
0,000	0,290	0,002	0,012	0,065	FALSE
0,070	0,287	0,003	0,013	0,105	FALSE
0,047	0,288	0,000	0,008	0,014	FALSE
-0,053	0,280	-0,002	0,009	0,104	FALSE
0,053	0,282	0,005	0,013	0,156	FALSE
-0,017	0,288	0,000	0,008	0,010	FALSE
0,172	0,290	0,004	0,007	0,259	FALSE
-0,213	0,254	-0,005	0,009	0,219	FALSE
0,189	0,284	0,004	0,010	0,189	FALSE
0,062	0,289	0,001	0,008	0,040	FALSE
0,002	0,296	0,001	0,013	0,038	FALSE
0,002	0,296	0,001	0,011	0,026	FALSE
0,004	0,289	-0,002	0,011	0,063	FALSE
0,112	0,277	0,003	0,014	0,083	FALSE
0,042	0,268	0,001	0,014	0,034	FALSE
0,054	0,285	0,002	0,010	0,065	FALSE
0,060	0,278	0,001	0,012	0,035	FALSE
0,057	0,294	0,001	0,013	0,032	FALSE
-0,023	0,300	0,001	0,009	0,031	FALSE
-0,090	0,277	-0,003	0,010	0,107	FALSE
0,016	0,285	0,000	0,008	0,005	FALSE
0,011	0,275	0,001	0,012	0,040	FALSE
0,223	0,269	0,010	0,015	0,303	FALSE

0,074	0,273	0,002	0,007	0,100	FALSE
-0,011	0,295	0,001	0,015	0,026	FALSE
-0,050	0,288	0,001	0,009	0,041	FALSE
-0,027	0,296	0,002	0,008	0,073	FALSE
-0,068	0,275	0,001	0,008	0,023	FALSE
-0,033	0,288	0,001	0,009	0,060	FALSE
-0,074	0,269	0,000	0,008	0,018	FALSE
0,009	0,286	0,000	0,011	0,005	FALSE
0,068	0,276	0,002	0,009	0,102	FALSE
0,030	0,277	0,001	0,009	0,052	FALSE
0,180	0,274	0,006	0,013	0,183	FALSE
0,234	0,284	0,005	0,008	0,306	FALSE
-0,061	0,309	-0,002	0,013	0,066	FALSE
0,183	0,287	0,004	0,007	0,248	FALSE
0,005	0,297	0,001	0,008	0,047	FALSE
0,004	0,297	0,002	0,013	0,065	FALSE
0,106	0,290	0,003	0,009	0,122	FALSE
0,102	0,279	0,003	0,009	0,122	FALSE
0,003	0,288	0,001	0,014	0,036	FALSE
-0,011	0,289	-0,001	0,009	0,055	FALSE
-0,125	0,284	-0,003	0,007	0,153	FALSE
0,009	0,284	-0,001	0,007	0,029	FALSE
-0,146	0,279	-0,003	0,010	0,128	FALSE
-0,040	0,275	0,001	0,010	0,052	FALSE
-0,055	0,271	0,000	0,009	0,012	FALSE
-0,134	0,280	-0,002	0,007	0,105	FALSE
-0,096	0,277	-0,003	0,011	0,094	FALSE
-0,168	0,287	-0,003	0,007	0,176	FALSE
-0,004	0,289	0,000	0,008	0,019	FALSE
-0,133	0,277	-0,004	0,013	0,143	FALSE
-0,147	0,293	-0,005	0,014	0,140	FALSE
-0,033	0,289	-0,001	0,010	0,024	FALSE
0,013	0,297	0,000	0,008	0,014	FALSE
0,135	0,279	0,004	0,013	0,133	FALSE
0,027	0,294	0,000	0,010	0,004	FALSE
0,030	0,289	0,000	0,007	0,008	FALSE
0,042	0,288	0,003	0,011	0,097	FALSE
0,047	0,292	0,003	0,011	0,106	FALSE
0,009	0,288	0,001	0,011	0,047	FALSE
-0,082	0,278	-0,003	0,010	0,106	FALSE
-0,060	0,288	-0,004	0,013	0,111	FALSE
0,049	0,301	0,000	0,007	0,023	FALSE
-0,031	0,270	-0,001	0,014	0,036	FALSE
0,015	0,293	0,001	0,008	0,029	FALSE
0,060	0,295	0,006	0,015	0,164	FALSE
0,040	0,279	0,006	0,014	0,198	FALSE
-0,037	0,285	0,000	0,012	0,008	FALSE
-0,072	0,272	-0,003	0,008	0,137	FALSE
0,026	0,283	0,002	0,011	0,086	FALSE
0,093	0,287	0,006	0,015	0,164	FALSE
0,027	0,283	0,001	0,011	0,023	FALSE
0,013	0,296	0,000	0,013	0,002	FALSE
-0,012	0,303	-0,001	0,013	0,033	FALSE

0,001	0,285	0,000	0,012	0,007	FALSE
-0,058	0,287	-0,002	0,011	0,068	FALSE
-0,054	0,297	-0,002	0,011	0,062	FALSE
-0,136	0,292	-0,006	0,012	0,198	FALSE
-0,031	0,283	0,000	0,013	0,013	FALSE
0,021	0,290	0,001	0,008	0,042	FALSE
0,013	0,285	-0,001	0,008	0,038	FALSE
0,033	0,282	0,001	0,009	0,055	FALSE
-0,059	0,283	-0,002	0,015	0,045	FALSE
-0,108	0,269	-0,004	0,014	0,108	FALSE
0,133	0,287	0,003	0,008	0,152	FALSE
-0,133	0,271	-0,004	0,011	0,158	FALSE
0,073	0,281	0,003	0,010	0,105	FALSE
0,025	0,294	-0,001	0,016	0,030	FALSE
-0,007	0,284	0,000	0,008	0,002	FALSE
0,089	0,277	0,004	0,015	0,116	FALSE
0,055	0,303	0,003	0,011	0,090	FALSE
0,096	0,289	0,005	0,010	0,209	FALSE
0,026	0,284	0,000	0,011	0,000	FALSE
-0,188	0,281	-0,008	0,013	0,269	FALSE
0,088	0,273	0,002	0,008	0,072	FALSE
-0,019	0,301	-0,002	0,012	0,047	FALSE
-0,006	0,289	0,001	0,008	0,028	FALSE
0,091	0,291	0,000	0,008	0,017	FALSE
-0,002	0,286	0,000	0,012	0,009	FALSE
0,090	0,282	0,000	0,013	0,012	FALSE
0,102	0,282	0,002	0,008	0,108	FALSE
-0,035	0,294	-0,001	0,011	0,023	FALSE
0,037	0,293	0,001	0,012	0,037	FALSE
0,050	0,289	0,001	0,010	0,033	FALSE
0,027	0,304	0,002	0,007	0,089	FALSE
-0,002	0,290	-0,001	0,012	0,046	FALSE
0,048	0,293	0,002	0,008	0,117	FALSE
-0,010	0,290	0,001	0,014	0,023	FALSE
-0,225	0,287	-0,005	0,008	0,265	FALSE
-0,111	0,288	-0,003	0,010	0,119	FALSE
0,107	0,279	0,007	0,013	0,219	FALSE
-0,043	0,283	-0,002	0,008	0,088	FALSE
-0,014	0,293	-0,001	0,012	0,016	FALSE
-0,042	0,284	-0,002	0,014	0,042	FALSE
-0,080	0,281	-0,002	0,007	0,087	FALSE
0,240	0,270	0,004	0,007	0,247	FALSE
0,237	0,270	0,005	0,007	0,272	FALSE
0,167	0,280	0,003	0,008	0,176	FALSE
-0,120	0,288	-0,004	0,013	0,122	FALSE
0,084	0,277	0,002	0,009	0,063	FALSE
-0,009	0,286	0,001	0,009	0,039	FALSE
-0,056	0,287	-0,002	0,015	0,038	FALSE
0,102	0,285	0,004	0,014	0,106	FALSE
0,037	0,289	0,000	0,011	0,004	FALSE
-0,092	0,272	-0,001	0,014	0,025	FALSE
0,155	0,275	0,004	0,014	0,109	FALSE
0,104	0,287	0,004	0,009	0,164	FALSE

-0,043	0,282	-0,002	0,012	0,064	FALSE
-0,059	0,308	-0,001	0,009	0,044	FALSE
0,000	0,286	0,000	0,011	0,014	FALSE
0,028	0,265	0,002	0,014	0,046	FALSE
0,151	0,289	0,004	0,008	0,196	FALSE
-0,009	0,284	0,000	0,011	0,015	FALSE
-0,064	0,283	-0,003	0,010	0,107	FALSE
0,017	0,289	0,003	0,015	0,061	FALSE
-0,119	0,275	-0,004	0,013	0,126	FALSE
-0,049	0,287	-0,001	0,007	0,072	FALSE
-0,066	0,284	0,000	0,009	0,013	FALSE
-0,062	0,283	-0,004	0,014	0,097	FALSE
-0,054	0,281	0,000	0,009	0,003	FALSE
-0,025	0,302	0,000	0,010	0,002	FALSE
0,014	0,298	0,001	0,011	0,035	FALSE
0,101	0,282	0,002	0,012	0,073	FALSE
0,101	0,281	0,002	0,007	0,100	FALSE
-0,079	0,285	-0,005	0,015	0,135	FALSE
0,112	0,284	0,003	0,011	0,102	FALSE
0,109	0,271	0,003	0,010	0,103	FALSE
-0,116	0,279	-0,004	0,014	0,125	FALSE
0,010	0,291	0,001	0,009	0,062	FALSE
0,023	0,269	-0,002	0,013	0,068	FALSE
-0,120	0,296	-0,004	0,015	0,117	FALSE
-0,063	0,285	-0,006	0,013	0,177	FALSE
-0,052	0,284	-0,006	0,013	0,199	FALSE
-0,071	0,275	-0,006	0,013	0,186	FALSE
0,083	0,283	0,002	0,014	0,063	FALSE
-0,116	0,294	-0,003	0,008	0,123	FALSE
-0,256	0,275	-0,013	0,015	0,432	FALSE
0,033	0,274	-0,001	0,015	0,033	FALSE
0,032	0,281	0,003	0,010	0,102	FALSE
-0,174	0,270	-0,008	0,014	0,264	FALSE
-0,208	0,278	-0,006	0,011	0,219	FALSE
0,113	0,268	0,002	0,008	0,121	FALSE
0,042	0,301	0,002	0,014	0,040	FALSE
0,191	0,287	0,003	0,008	0,159	FALSE
-0,029	0,289	0,000	0,013	0,010	FALSE
-0,054	0,284	-0,001	0,013	0,019	FALSE
0,009	0,285	0,000	0,016	0,003	FALSE
0,006	0,289	0,000	0,010	0,012	FALSE
-0,017	0,274	0,000	0,008	0,010	FALSE
-0,019	0,283	0,000	0,010	0,017	FALSE
0,086	0,287	0,003	0,014	0,072	FALSE
-0,136	0,286	-0,004	0,011	0,148	FALSE
-0,123	0,291	-0,004	0,012	0,125	FALSE
-0,128	0,286	-0,004	0,011	0,141	FALSE
0,099	0,295	0,004	0,008	0,181	FALSE
-0,200	0,269	-0,007	0,011	0,275	FALSE
-0,112	0,275	-0,004	0,011	0,128	FALSE
0,066	0,294	0,003	0,015	0,070	FALSE
-0,325	0,270	-0,012	0,011	0,545	FALSE
-0,003	0,282	-0,001	0,010	0,039	FALSE

-0,256	0,276	-0,010	0,011	0,438	FALSE
0,098	0,297	0,002	0,012	0,078	FALSE
-0,062	0,294	0,000	0,008	0,001	FALSE
-0,277	0,272	-0,009	0,009	0,440	FALSE
0,086	0,295	0,003	0,008	0,158	FALSE
0,056	0,288	0,003	0,008	0,125	FALSE
0,074	0,292	0,005	0,011	0,187	FALSE
-0,097	0,276	-0,004	0,012	0,113	FALSE
0,183	0,276	0,004	0,009	0,205	FALSE
-0,028	0,284	-0,001	0,013	0,017	FALSE
-0,106	0,299	-0,002	0,009	0,066	FALSE
-0,176	0,271	-0,004	0,008	0,181	FALSE
0,123	0,300	0,003	0,008	0,158	FALSE
-0,192	0,275	-0,005	0,007	0,292	FALSE
0,202	0,273	0,010	0,013	0,342	FALSE
-0,035	0,277	-0,001	0,009	0,034	FALSE
0,055	0,278	0,002	0,015	0,047	FALSE
-0,061	0,289	-0,002	0,008	0,090	FALSE
0,010	0,281	-0,001	0,008	0,037	FALSE
0,027	0,279	0,002	0,012	0,050	FALSE
-0,049	0,283	-0,001	0,013	0,026	FALSE
-0,055	0,279	-0,002	0,008	0,086	FALSE
0,156	0,288	0,005	0,010	0,195	FALSE
0,054	0,287	0,001	0,010	0,034	FALSE
0,003	0,288	0,001	0,014	0,039	FALSE
-0,156	0,275	-0,008	0,012	0,301	FALSE
0,100	0,299	0,004	0,010	0,145	FALSE
-0,050	0,273	-0,003	0,014	0,081	FALSE
-0,134	0,298	-0,007	0,015	0,200	FALSE
-0,070	0,291	-0,003	0,011	0,093	FALSE
0,062	0,285	0,005	0,013	0,141	FALSE
-0,026	0,281	-0,005	0,015	0,123	FALSE
-0,009	0,280	0,000	0,007	0,015	FALSE
-0,147	0,280	-0,003	0,008	0,167	FALSE
0,085	0,275	0,002	0,010	0,083	FALSE
0,119	0,278	0,004	0,012	0,125	FALSE
0,119	0,285	0,006	0,013	0,167	FALSE
-0,095	0,272	-0,005	0,014	0,148	FALSE
0,125	0,293	0,004	0,011	0,131	FALSE
0,135	0,271	0,006	0,014	0,182	FALSE
0,038	0,284	0,001	0,013	0,020	FALSE
0,023	0,288	0,000	0,013	0,007	FALSE
0,051	0,286	0,002	0,014	0,049	FALSE
0,040	0,283	0,000	0,011	0,006	FALSE
0,036	0,281	0,001	0,010	0,034	FALSE
0,069	0,298	0,004	0,011	0,132	FALSE
0,055	0,285	0,003	0,009	0,144	FALSE
0,068	0,289	0,001	0,008	0,061	FALSE
0,059	0,280	0,001	0,008	0,068	FALSE
0,036	0,297	0,000	0,009	0,017	FALSE
-0,066	0,292	-0,002	0,010	0,076	FALSE
0,020	0,281	-0,001	0,014	0,020	FALSE
-0,052	0,300	0,000	0,009	0,009	FALSE

-0,020	0,289	-0,002	0,014	0,061	FALSE
0,113	0,293	0,005	0,015	0,133	FALSE
0,054	0,303	0,001	0,011	0,044	FALSE
-0,046	0,282	-0,002	0,010	0,072	FALSE
0,111	0,297	0,003	0,009	0,115	FALSE
0,095	0,294	0,002	0,013	0,056	FALSE
-0,019	0,296	0,001	0,011	0,027	FALSE
0,035	0,296	0,000	0,010	0,012	FALSE
0,037	0,291	0,001	0,010	0,029	FALSE
0,100	0,277	0,004	0,012	0,118	FALSE
-0,110	0,286	-0,002	0,009	0,067	FALSE
-0,070	0,292	0,000	0,014	0,011	FALSE
-0,091	0,281	-0,001	0,008	0,034	FALSE
-0,031	0,287	-0,001	0,012	0,015	FALSE
0,034	0,287	0,001	0,013	0,030	FALSE
-0,017	0,281	0,000	0,012	0,011	FALSE
-0,022	0,282	-0,001	0,012	0,017	FALSE
-0,018	0,286	0,000	0,012	0,006	FALSE
-0,159	0,269	-0,003	0,008	0,154	FALSE
-0,037	0,290	-0,001	0,012	0,023	FALSE
0,122	0,302	0,003	0,016	0,082	FALSE
0,085	0,274	0,002	0,014	0,047	FALSE
0,030	0,288	0,002	0,008	0,090	FALSE
-0,093	0,295	-0,004	0,011	0,136	FALSE
0,067	0,288	0,001	0,008	0,031	FALSE
-0,091	0,272	-0,001	0,010	0,050	FALSE
0,037	0,282	0,003	0,013	0,083	FALSE
0,166	0,274	0,004	0,007	0,210	FALSE
-0,100	0,291	-0,003	0,010	0,118	FALSE
-0,074	0,303	-0,002	0,011	0,065	FALSE
-0,227	0,276	-0,010	0,015	0,313	FALSE
-0,146	0,288	-0,008	0,016	0,206	FALSE
0,114	0,259	0,008	0,014	0,244	FALSE
0,117	0,292	0,002	0,007	0,114	FALSE
0,003	0,286	0,001	0,012	0,022	FALSE
-0,101	0,283	-0,003	0,009	0,152	FALSE
0,073	0,279	0,001	0,009	0,044	FALSE
-0,036	0,277	-0,003	0,013	0,086	FALSE
-0,006	0,277	-0,001	0,011	0,025	FALSE
0,028	0,281	0,001	0,010	0,035	FALSE
-0,082	0,293	-0,001	0,014	0,029	FALSE
0,053	0,285	0,000	0,009	0,018	FALSE
-0,121	0,289	-0,002	0,008	0,103	FALSE
-0,045	0,294	-0,001	0,013	0,016	FALSE
0,005	0,297	0,000	0,012	0,003	FALSE
-0,071	0,289	-0,001	0,011	0,032	FALSE
0,159	0,281	0,009	0,014	0,278	FALSE
0,019	0,293	0,000	0,011	0,008	FALSE
0,004	0,294	0,000	0,012	0,011	FALSE
0,081	0,278	0,001	0,009	0,052	FALSE
0,169	0,275	0,007	0,013	0,217	FALSE
0,032	0,274	0,001	0,008	0,071	FALSE
0,037	0,282	0,001	0,008	0,022	FALSE

0,014	0,287	0,000	0,008	0,013	FALSE
-0,017	0,289	-0,002	0,010	0,068	FALSE
0,055	0,282	0,002	0,013	0,061	FALSE
0,002	0,279	-0,001	0,009	0,043	FALSE
-0,038	0,289	0,002	0,013	0,049	FALSE
-0,110	0,284	-0,003	0,015	0,080	FALSE
-0,057	0,301	0,000	0,015	0,009	FALSE
0,041	0,300	0,001	0,015	0,027	FALSE
-0,009	0,298	-0,001	0,012	0,044	FALSE
0,152	0,277	0,005	0,008	0,264	FALSE
-0,096	0,282	-0,004	0,014	0,126	FALSE
-0,220	0,273	-0,008	0,011	0,321	FALSE
-0,127	0,294	-0,003	0,012	0,092	FALSE
-0,040	0,285	0,001	0,011	0,027	FALSE
-0,077	0,288	-0,002	0,008	0,109	FALSE
0,088	0,295	0,003	0,008	0,167	FALSE
-0,218	0,260	-0,007	0,011	0,289	FALSE
-0,079	0,294	-0,006	0,014	0,169	FALSE
-0,069	0,273	-0,002	0,009	0,064	FALSE
0,038	0,298	0,001	0,009	0,020	FALSE
0,089	0,296	0,002	0,009	0,090	FALSE
0,079	0,277	0,006	0,012	0,206	FALSE
-0,053	0,285	-0,001	0,010	0,051	FALSE
-0,031	0,284	0,001	0,013	0,032	FALSE
-0,024	0,288	0,002	0,015	0,054	FALSE
-0,211	0,278	-0,006	0,010	0,248	FALSE
0,120	0,279	0,003	0,011	0,111	FALSE
-0,055	0,285	-0,001	0,014	0,029	FALSE
-0,102	0,294	-0,002	0,007	0,090	FALSE
-0,100	0,296	-0,002	0,008	0,086	FALSE
0,110	0,273	0,004	0,012	0,118	FALSE
0,043	0,269	0,001	0,010	0,053	FALSE
-0,012	0,300	-0,002	0,015	0,041	FALSE
-0,072	0,290	0,000	0,014	0,010	FALSE
0,073	0,300	0,006	0,015	0,151	FALSE
0,047	0,293	0,004	0,014	0,117	FALSE
0,002	0,278	0,001	0,008	0,034	FALSE
0,055	0,290	0,001	0,015	0,015	FALSE
-0,121	0,282	-0,003	0,013	0,094	FALSE
0,034	0,276	0,000	0,015	0,007	FALSE
-0,114	0,292	-0,003	0,009	0,125	FALSE
-0,156	0,283	-0,009	0,014	0,259	FALSE
0,026	0,283	0,000	0,011	0,003	FALSE
-0,033	0,281	-0,003	0,011	0,090	FALSE
-0,058	0,292	-0,001	0,008	0,060	FALSE
0,102	0,300	0,002	0,008	0,085	FALSE
0,097	0,287	0,005	0,013	0,167	FALSE
0,003	0,297	0,000	0,009	0,015	FALSE
-0,050	0,283	-0,002	0,009	0,075	FALSE
-0,038	0,277	-0,002	0,008	0,072	FALSE
-0,049	0,286	-0,002	0,009	0,084	FALSE
-0,044	0,298	-0,002	0,009	0,067	FALSE
-0,171	0,298	-0,006	0,010	0,247	FALSE

0,112	0,288	0,003	0,014	0,079	FALSE
0,036	0,281	-0,001	0,015	0,019	FALSE
-0,064	0,266	0,000	0,014	0,008	FALSE
-0,120	0,283	-0,003	0,015	0,071	FALSE
0,084	0,282	0,001	0,011	0,033	FALSE
-0,006	0,280	0,000	0,014	0,003	FALSE
0,006	0,306	0,000	0,013	0,009	FALSE
0,144	0,288	0,004	0,007	0,263	FALSE
0,075	0,294	0,006	0,014	0,161	FALSE
-0,015	0,265	0,001	0,013	0,028	FALSE
-0,017	0,279	0,001	0,014	0,016	FALSE
-0,005	0,274	0,001	0,014	0,032	FALSE
-0,171	0,259	-0,004	0,008	0,195	FALSE
0,015	0,274	0,002	0,013	0,048	FALSE
0,020	0,288	0,001	0,011	0,032	FALSE
-0,050	0,302	-0,003	0,015	0,079	FALSE
0,217	0,284	0,007	0,010	0,335	FALSE
-0,006	0,276	0,002	0,015	0,047	FALSE
-0,125	0,287	-0,006	0,015	0,153	FALSE
0,020	0,284	0,000	0,014	0,012	FALSE
-0,133	0,267	-0,005	0,013	0,150	FALSE
0,045	0,281	0,002	0,009	0,082	FALSE
0,076	0,292	0,003	0,010	0,127	FALSE
-0,031	0,301	-0,001	0,013	0,018	FALSE
-0,047	0,296	0,000	0,012	0,008	FALSE
0,091	0,285	0,003	0,010	0,097	FALSE
-0,081	0,274	-0,001	0,009	0,060	FALSE
-0,040	0,294	0,000	0,011	0,015	FALSE
0,069	0,289	0,003	0,008	0,140	FALSE
-0,198	0,274	-0,007	0,012	0,258	FALSE
-0,024	0,294	0,000	0,011	0,006	FALSE
0,051	0,290	0,001	0,013	0,020	FALSE
0,148	0,276	0,004	0,011	0,143	FALSE
0,019	0,293	0,000	0,012	0,009	FALSE
-0,115	0,264	-0,003	0,015	0,072	FALSE
-0,042	0,278	-0,003	0,015	0,090	FALSE
-0,128	0,289	-0,005	0,013	0,146	FALSE
0,040	0,287	0,002	0,011	0,062	FALSE
-0,019	0,284	0,000	0,007	0,014	FALSE
0,042	0,282	0,001	0,013	0,019	FALSE
0,076	0,281	0,002	0,012	0,062	FALSE
0,124	0,285	0,007	0,014	0,201	FALSE
-0,038	0,285	0,000	0,011	0,013	FALSE
0,008	0,292	-0,001	0,013	0,020	FALSE
-0,037	0,280	0,001	0,007	0,038	FALSE
-0,035	0,292	0,001	0,007	0,030	FALSE
0,052	0,293	0,002	0,015	0,050	FALSE
0,101	0,287	0,002	0,008	0,101	FALSE
0,041	0,293	0,002	0,015	0,052	FALSE
0,018	0,299	0,001	0,015	0,031	FALSE
0,026	0,292	0,000	0,008	0,010	FALSE
-0,030	0,299	0,000	0,008	0,008	FALSE
0,105	0,286	0,004	0,011	0,127	FALSE

0,090	0,284	0,001	0,009	0,052	FALSE
0,196	0,265	0,004	0,008	0,241	FALSE
-0,152	0,270	-0,005	0,009	0,207	FALSE
-0,100	0,282	-0,005	0,012	0,150	FALSE
-0,048	0,273	-0,002	0,008	0,068	FALSE
0,208	0,278	0,009	0,014	0,290	FALSE
-0,093	0,281	-0,003	0,012	0,106	FALSE
-0,026	0,300	-0,002	0,014	0,051	FALSE
-0,027	0,295	-0,002	0,010	0,077	FALSE
0,058	0,290	0,002	0,008	0,110	FALSE
0,115	0,284	0,003	0,011	0,106	FALSE
-0,032	0,275	-0,001	0,007	0,041	FALSE
0,086	0,284	0,000	0,013	0,001	FALSE
-0,060	0,295	-0,002	0,009	0,108	FALSE
-0,071	0,299	-0,002	0,009	0,071	FALSE
0,102	0,273	0,001	0,011	0,036	FALSE
0,023	0,278	0,000	0,014	0,011	FALSE
-0,014	0,293	-0,002	0,012	0,046	FALSE
-0,136	0,279	-0,005	0,011	0,167	FALSE
0,118	0,291	0,005	0,014	0,154	FALSE
-0,020	0,286	0,002	0,009	0,069	FALSE
0,078	0,287	0,003	0,007	0,174	FALSE
0,002	0,303	0,001	0,008	0,050	FALSE
-0,173	0,268	-0,003	0,009	0,140	FALSE
0,097	0,280	0,002	0,014	0,049	FALSE
-0,018	0,284	-0,001	0,007	0,029	FALSE
0,023	0,279	-0,001	0,010	0,033	FALSE
0,097	0,283	0,003	0,007	0,215	FALSE
0,069	0,286	0,001	0,009	0,057	FALSE
-0,102	0,265	-0,004	0,012	0,153	FALSE
-0,162	0,288	-0,005	0,011	0,192	FALSE
0,008	0,294	-0,001	0,008	0,028	FALSE
0,106	0,285	0,005	0,013	0,150	FALSE
0,070	0,287	0,004	0,009	0,185	FALSE
-0,033	0,290	-0,003	0,014	0,088	FALSE
-0,002	0,294	0,000	0,015	0,008	FALSE
0,004	0,288	0,001	0,010	0,037	FALSE
-0,041	0,291	0,000	0,010	0,010	FALSE
0,079	0,284	0,004	0,010	0,154	FALSE
0,010	0,280	0,003	0,014	0,079	FALSE
0,021	0,293	0,003	0,015	0,069	FALSE
0,109	0,281	0,004	0,010	0,136	FALSE
-0,164	0,278	-0,004	0,008	0,202	FALSE
-0,071	0,282	-0,001	0,010	0,030	FALSE
-0,085	0,291	-0,004	0,012	0,129	FALSE
-0,147	0,283	-0,008	0,014	0,226	FALSE
0,148	0,275	0,006	0,014	0,161	FALSE
-0,081	0,278	-0,002	0,010	0,093	FALSE
0,130	0,287	0,004	0,007	0,245	FALSE
0,056	0,287	0,003	0,010	0,092	FALSE
-0,036	0,300	0,000	0,013	0,001	FALSE
-0,027	0,284	0,001	0,008	0,025	FALSE
0,224	0,272	0,009	0,014	0,279	FALSE

-0,166	0,283	-0,004	0,010	0,182	FALSE
0,067	0,294	0,002	0,015	0,062	FALSE
0,188	0,257	0,009	0,013	0,321	FALSE
-0,024	0,262	-0,001	0,014	0,028	FALSE
-0,171	0,280	-0,005	0,013	0,169	FALSE
-0,161	0,291	-0,004	0,008	0,175	FALSE
-0,113	0,288	-0,007	0,014	0,220	FALSE
0,134	0,276	0,002	0,008	0,110	FALSE
0,026	0,292	0,000	0,010	0,015	FALSE
-0,140	0,295	-0,005	0,011	0,203	FALSE
-0,189	0,271	-0,006	0,010	0,241	FALSE
0,050	0,297	0,003	0,015	0,085	FALSE
-0,060	0,288	-0,003	0,009	0,105	FALSE
-0,087	0,280	-0,001	0,011	0,050	FALSE
0,211	0,270	0,007	0,015	0,215	FALSE
0,034	0,281	0,000	0,014	0,010	FALSE
-0,003	0,290	-0,001	0,014	0,032	FALSE
-0,076	0,293	-0,002	0,010	0,062	FALSE
-0,071	0,271	-0,001	0,007	0,043	FALSE
-0,041	0,285	-0,001	0,009	0,038	FALSE
-0,027	0,280	0,000	0,010	0,009	FALSE
0,064	0,273	0,004	0,014	0,116	FALSE
0,013	0,287	0,001	0,009	0,052	FALSE
0,072	0,285	0,003	0,009	0,142	FALSE
0,080	0,277	0,004	0,013	0,104	FALSE
0,159	0,270	0,007	0,013	0,217	FALSE
0,030	0,309	0,002	0,008	0,097	FALSE
0,120	0,276	0,004	0,014	0,114	FALSE
-0,053	0,278	-0,002	0,010	0,074	FALSE
-0,064	0,291	-0,002	0,011	0,061	FALSE
0,001	0,289	-0,003	0,012	0,083	FALSE
0,028	0,291	0,001	0,012	0,023	FALSE
0,030	0,283	-0,001	0,010	0,023	FALSE
0,004	0,287	0,001	0,008	0,037	FALSE
-0,031	0,296	0,000	0,015	0,001	FALSE
-0,067	0,286	-0,001	0,015	0,020	FALSE
0,020	0,282	0,000	0,013	0,000	FALSE
0,045	0,276	0,000	0,010	0,005	FALSE
0,184	0,281	0,003	0,007	0,157	FALSE
-0,036	0,275	0,001	0,008	0,033	FALSE
-0,062	0,287	-0,002	0,009	0,098	FALSE
-0,053	0,295	-0,002	0,009	0,097	FALSE
0,014	0,297	0,001	0,010	0,026	FALSE
0,054	0,282	0,003	0,009	0,110	FALSE
0,058	0,278	0,003	0,007	0,178	FALSE
0,084	0,294	0,003	0,013	0,095	FALSE
0,089	0,287	0,002	0,010	0,071	FALSE
0,018	0,292	0,002	0,010	0,064	FALSE
0,022	0,276	0,002	0,014	0,061	FALSE
0,163	0,284	0,003	0,008	0,172	FALSE
-0,045	0,287	0,000	0,009	0,017	FALSE
0,079	0,297	0,003	0,011	0,089	FALSE
0,169	0,300	0,006	0,013	0,202	FALSE

0,067	0,278	0,002	0,012	0,063	FALSE
0,049	0,276	0,002	0,008	0,103	FALSE
0,044	0,279	0,002	0,008	0,119	FALSE
-0,118	0,287	-0,004	0,010	0,168	FALSE
0,099	0,269	0,002	0,008	0,103	FALSE
0,167	0,278	0,005	0,011	0,195	FALSE
0,087	0,295	0,002	0,015	0,059	FALSE
-0,138	0,276	-0,003	0,008	0,168	FALSE
-0,161	0,299	-0,005	0,013	0,148	FALSE
-0,099	0,278	-0,002	0,012	0,072	FALSE
-0,250	0,281	-0,011	0,015	0,324	FALSE
-0,106	0,288	-0,003	0,013	0,076	FALSE
0,204	0,268	0,004	0,010	0,155	FALSE
0,033	0,265	0,003	0,012	0,098	FALSE
0,078	0,300	0,001	0,012	0,017	FALSE
0,026	0,276	0,000	0,007	0,007	FALSE
-0,008	0,287	0,001	0,008	0,070	FALSE
0,168	0,288	0,003	0,007	0,177	FALSE
0,052	0,300	0,001	0,009	0,054	FALSE
0,019	0,282	0,001	0,012	0,031	FALSE
0,003	0,290	0,001	0,013	0,017	FALSE
-0,138	0,278	-0,006	0,013	0,188	FALSE
-0,009	0,292	-0,001	0,014	0,027	FALSE
0,044	0,295	0,001	0,013	0,020	FALSE
-0,065	0,286	-0,004	0,013	0,113	FALSE
-0,040	0,262	0,000	0,008	0,003	FALSE
0,004	0,277	0,001	0,011	0,039	FALSE
0,103	0,291	0,003	0,008	0,148	FALSE
0,178	0,283	0,012	0,014	0,378	FALSE
-0,145	0,282	-0,005	0,013	0,158	FALSE
0,011	0,286	0,000	0,015	0,002	FALSE
0,002	0,280	0,001	0,010	0,045	FALSE
0,009	0,298	-0,001	0,015	0,019	FALSE
0,032	0,286	0,000	0,015	0,006	FALSE
0,094	0,306	0,003	0,009	0,132	FALSE
0,095	0,289	0,003	0,014	0,083	FALSE
-0,067	0,292	-0,001	0,008	0,039	FALSE
-0,053	0,309	-0,001	0,008	0,042	FALSE
-0,024	0,272	-0,002	0,008	0,084	FALSE
-0,049	0,302	-0,001	0,008	0,057	FALSE
-0,132	0,278	-0,003	0,011	0,112	FALSE
-0,005	0,275	-0,005	0,011	0,172	FALSE
0,154	0,268	0,005	0,009	0,239	FALSE
0,059	0,291	0,002	0,011	0,067	FALSE
0,155	0,279	0,007	0,013	0,228	FALSE
0,047	0,298	0,002	0,012	0,047	FALSE
-0,084	0,278	-0,003	0,008	0,172	FALSE
0,162	0,289	0,005	0,008	0,246	FALSE
0,057	0,292	0,000	0,013	0,012	FALSE
-0,092	0,296	-0,005	0,015	0,138	FALSE
-0,034	0,283	-0,001	0,008	0,028	FALSE
0,042	0,298	-0,002	0,014	0,040	FALSE
-0,155	0,278	-0,006	0,011	0,221	FALSE

0,060	0,291	0,003	0,015	0,062	FALSE
-0,217	0,269	-0,006	0,008	0,338	FALSE
-0,205	0,276	-0,005	0,008	0,291	FALSE
0,170	0,287	0,006	0,010	0,268	FALSE
0,078	0,283	0,001	0,008	0,049	FALSE
-0,013	0,274	-0,001	0,010	0,050	FALSE
-0,122	0,297	-0,005	0,013	0,164	FALSE
0,001	0,286	-0,001	0,009	0,028	FALSE
-0,112	0,301	-0,005	0,014	0,133	FALSE
-0,013	0,286	-0,001	0,011	0,046	FALSE
-0,117	0,285	-0,003	0,009	0,115	FALSE
-0,002	0,286	-0,001	0,009	0,031	FALSE
-0,031	0,273	-0,002	0,011	0,072	FALSE
-0,016	0,286	-0,001	0,007	0,054	FALSE
-0,006	0,284	-0,001	0,010	0,037	FALSE
0,065	0,292	0,001	0,007	0,042	FALSE
-0,054	0,286	-0,002	0,009	0,080	FALSE
-0,076	0,297	-0,002	0,009	0,101	FALSE
-0,016	0,280	-0,002	0,009	0,069	FALSE
-0,064	0,290	-0,002	0,009	0,090	FALSE
-0,069	0,278	-0,002	0,009	0,091	FALSE
-0,011	0,282	0,000	0,010	0,001	FALSE
-0,078	0,274	-0,002	0,008	0,114	FALSE
-0,059	0,288	-0,002	0,008	0,101	FALSE
-0,098	0,288	-0,002	0,011	0,057	FALSE
0,051	0,283	0,001	0,012	0,016	FALSE
-0,083	0,275	-0,002	0,007	0,129	FALSE
0,120	0,291	0,006	0,013	0,194	FALSE
0,057	0,282	0,003	0,009	0,131	FALSE
0,060	0,287	0,003	0,010	0,117	FALSE
-0,055	0,280	-0,004	0,012	0,125	FALSE
0,068	0,279	0,002	0,007	0,133	FALSE
0,157	0,292	0,005	0,009	0,217	FALSE
0,039	0,278	0,003	0,011	0,100	FALSE
0,082	0,274	0,006	0,014	0,168	FALSE
-0,103	0,286	-0,006	0,013	0,211	FALSE
-0,286	0,274	-0,013	0,012	0,538	FALSE
0,093	0,275	0,005	0,012	0,186	FALSE
0,064	0,305	0,002	0,010	0,076	FALSE
0,054	0,291	0,002	0,010	0,070	FALSE
-0,072	0,294	0,000	0,007	0,018	FALSE
0,058	0,300	0,004	0,015	0,093	FALSE
0,035	0,292	0,002	0,015	0,059	FALSE
-0,030	0,287	-0,001	0,010	0,046	FALSE
-0,097	0,280	-0,002	0,011	0,056	FALSE
0,011	0,272	0,000	0,010	0,017	FALSE
-0,030	0,278	0,001	0,013	0,017	FALSE
0,137	0,292	0,004	0,009	0,179	FALSE
0,130	0,290	0,004	0,009	0,175	FALSE
-0,004	0,273	0,001	0,014	0,027	FALSE
-0,032	0,284	0,001	0,007	0,028	FALSE
-0,114	0,293	-0,004	0,008	0,192	FALSE
0,062	0,294	0,002	0,012	0,068	FALSE

0,100	0,272	0,000	0,015	0,009	FALSE
0,017	0,284	-0,002	0,013	0,053	FALSE
0,007	0,294	0,000	0,009	0,017	FALSE
-0,086	0,287	-0,003	0,012	0,093	FALSE
-0,107	0,280	-0,005	0,014	0,155	FALSE
0,006	0,283	0,000	0,009	0,015	FALSE
-0,124	0,275	-0,006	0,013	0,183	FALSE
-0,118	0,279	-0,006	0,014	0,172	FALSE
-0,108	0,279	-0,006	0,014	0,165	FALSE
-0,113	0,276	-0,006	0,014	0,171	FALSE
-0,022	0,287	0,001	0,014	0,015	FALSE
0,076	0,304	0,004	0,011	0,137	FALSE
0,135	0,295	0,004	0,015	0,114	FALSE
0,019	0,287	0,002	0,013	0,055	FALSE
0,128	0,284	0,003	0,011	0,101	FALSE
-0,090	0,289	-0,002	0,013	0,044	FALSE
-0,037	0,293	-0,002	0,014	0,049	FALSE
-0,044	0,291	-0,003	0,012	0,105	FALSE
-0,209	0,288	-0,007	0,012	0,257	FALSE
-0,133	0,282	-0,004	0,012	0,138	FALSE
0,058	0,293	0,001	0,009	0,057	FALSE
0,125	0,285	0,004	0,008	0,185	FALSE
0,134	0,286	0,005	0,009	0,244	FALSE
0,204	0,276	0,006	0,008	0,333	FALSE
0,130	0,285	0,007	0,012	0,232	FALSE
-0,080	0,287	-0,001	0,009	0,059	FALSE
0,051	0,290	0,004	0,014	0,101	FALSE
0,012	0,284	-0,001	0,015	0,019	FALSE
-0,016	0,292	0,000	0,010	0,006	FALSE
-0,033	0,278	0,001	0,014	0,024	FALSE
-0,160	0,281	-0,006	0,014	0,154	FALSE
0,039	0,281	0,000	0,013	0,005	FALSE
-0,201	0,268	-0,005	0,010	0,213	FALSE
0,055	0,278	0,001	0,012	0,023	FALSE
-0,124	0,281	-0,007	0,013	0,221	FALSE
-0,261	0,277	-0,006	0,008	0,348	FALSE
0,014	0,288	0,001	0,007	0,076	FALSE
0,011	0,294	0,001	0,008	0,048	FALSE
0,112	0,273	0,003	0,010	0,109	FALSE
0,014	0,290	0,000	0,015	0,004	FALSE
0,064	0,282	0,004	0,014	0,102	FALSE
-0,073	0,279	-0,002	0,011	0,058	FALSE
0,133	0,290	0,007	0,015	0,175	FALSE
0,034	0,276	0,000	0,010	0,002	FALSE
0,004	0,279	-0,001	0,008	0,066	FALSE
-0,090	0,270	-0,001	0,009	0,057	FALSE
-0,213	0,272	-0,010	0,014	0,324	FALSE
0,126	0,290	0,008	0,013	0,264	FALSE
-0,251	0,278	-0,008	0,010	0,392	FALSE
-0,033	0,297	-0,001	0,015	0,025	FALSE
-0,016	0,300	0,000	0,011	0,007	FALSE
-0,027	0,285	-0,001	0,008	0,050	FALSE
0,086	0,279	0,002	0,011	0,080	FALSE

-0,020	0,276	0,000	0,010	0,001	FALSE
-0,085	0,276	0,000	0,014	0,000	FALSE
-0,031	0,294	-0,002	0,012	0,055	FALSE
0,081	0,292	0,003	0,008	0,133	FALSE
-0,029	0,298	-0,001	0,009	0,053	FALSE
-0,197	0,287	-0,008	0,015	0,228	FALSE
-0,167	0,274	-0,005	0,012	0,157	FALSE
-0,171	0,281	-0,004	0,012	0,147	FALSE
-0,012	0,290	0,001	0,011	0,026	FALSE
0,062	0,278	0,002	0,013	0,046	FALSE
-0,113	0,291	-0,003	0,009	0,124	FALSE
-0,005	0,274	0,000	0,011	0,005	FALSE
-0,090	0,296	-0,006	0,015	0,152	FALSE
-0,025	0,279	-0,001	0,007	0,033	FALSE
-0,056	0,289	-0,002	0,008	0,076	FALSE
0,145	0,288	0,007	0,012	0,249	FALSE
0,024	0,272	0,005	0,014	0,147	FALSE
0,103	0,291	0,002	0,010	0,062	FALSE
0,053	0,302	0,001	0,008	0,055	FALSE
-0,094	0,282	-0,004	0,011	0,147	FALSE
-0,200	0,288	-0,007	0,012	0,277	FALSE
-0,005	0,282	-0,002	0,012	0,056	FALSE
0,023	0,283	0,001	0,014	0,031	FALSE
-0,002	0,283	-0,002	0,014	0,044	FALSE
0,091	0,305	0,006	0,015	0,172	FALSE
-0,026	0,282	-0,004	0,014	0,123	FALSE
-0,133	0,281	-0,003	0,008	0,133	FALSE
0,123	0,275	0,006	0,015	0,153	FALSE
-0,141	0,288	-0,005	0,014	0,144	FALSE
0,193	0,282	0,005	0,008	0,275	FALSE
0,038	0,282	0,000	0,009	0,017	FALSE
0,013	0,294	-0,003	0,015	0,073	FALSE
-0,002	0,286	0,001	0,009	0,052	FALSE
-0,013	0,292	0,000	0,010	0,016	FALSE
-0,056	0,291	-0,002	0,009	0,063	FALSE
-0,003	0,287	-0,001	0,015	0,026	FALSE
0,005	0,285	0,000	0,014	0,006	FALSE
-0,075	0,283	-0,001	0,008	0,025	FALSE
-0,127	0,285	-0,005	0,013	0,172	FALSE
-0,029	0,298	-0,003	0,015	0,063	FALSE
0,149	0,287	0,006	0,014	0,173	FALSE
-0,105	0,287	-0,004	0,010	0,148	FALSE
0,072	0,285	0,002	0,009	0,098	FALSE
0,089	0,298	0,003	0,008	0,150	FALSE
-0,137	0,279	-0,004	0,008	0,206	FALSE
-0,144	0,279	-0,003	0,008	0,132	FALSE
0,041	0,282	0,003	0,012	0,114	FALSE
-0,011	0,295	-0,001	0,010	0,043	FALSE
-0,005	0,283	-0,001	0,009	0,044	FALSE
0,056	0,289	0,005	0,013	0,140	FALSE
0,059	0,287	0,001	0,012	0,027	FALSE
0,059	0,281	0,002	0,009	0,063	FALSE
0,028	0,290	0,001	0,007	0,036	FALSE

0,154	0,287	0,006	0,015	0,168	FALSE
-0,069	0,278	-0,007	0,014	0,203	FALSE
-0,256	0,268	-0,007	0,009	0,337	FALSE
0,025	0,282	0,002	0,014	0,052	FALSE
0,051	0,287	0,001	0,011	0,049	FALSE
-0,153	0,280	-0,005	0,009	0,226	FALSE
-0,072	0,284	-0,002	0,011	0,086	FALSE
0,110	0,284	0,004	0,009	0,173	FALSE
0,149	0,296	0,004	0,009	0,186	FALSE
0,162	0,277	0,005	0,014	0,138	FALSE
0,067	0,276	0,002	0,009	0,090	FALSE
0,119	0,284	0,004	0,014	0,097	FALSE
-0,111	0,282	-0,005	0,014	0,155	FALSE
-0,018	0,268	-0,001	0,014	0,016	FALSE
0,074	0,294	0,003	0,013	0,100	FALSE
0,053	0,286	0,003	0,013	0,095	FALSE
0,102	0,278	0,002	0,008	0,113	FALSE
-0,266	0,264	-0,012	0,013	0,454	FALSE
0,015	0,291	0,000	0,012	0,012	FALSE
-0,102	0,270	-0,003	0,008	0,127	FALSE
0,044	0,281	0,000	0,015	0,001	FALSE
-0,055	0,279	-0,005	0,012	0,162	FALSE
-0,040	0,294	-0,001	0,008	0,063	FALSE
-0,053	0,285	-0,002	0,007	0,089	FALSE
0,112	0,277	0,004	0,011	0,146	FALSE
0,079	0,283	0,003	0,013	0,087	FALSE
0,061	0,281	0,001	0,013	0,029	FALSE
0,059	0,284	0,001	0,014	0,023	FALSE
-0,069	0,273	-0,005	0,013	0,163	FALSE
0,024	0,288	-0,003	0,014	0,067	FALSE
-0,127	0,287	-0,005	0,011	0,196	FALSE
-0,137	0,285	-0,007	0,015	0,181	FALSE
-0,019	0,289	0,000	0,010	0,002	FALSE
-0,159	0,279	-0,009	0,014	0,269	FALSE
-0,153	0,285	-0,008	0,014	0,249	FALSE
-0,020	0,270	-0,001	0,012	0,019	FALSE
-0,010	0,283	-0,002	0,011	0,072	FALSE
-0,064	0,298	-0,002	0,014	0,057	FALSE
0,031	0,292	0,003	0,010	0,124	FALSE
0,179	0,281	0,006	0,009	0,284	FALSE
0,075	0,284	0,003	0,012	0,099	FALSE
0,052	0,290	0,000	0,008	0,015	FALSE
-0,018	0,292	-0,001	0,015	0,037	FALSE
-0,036	0,279	-0,001	0,010	0,023	FALSE
0,076	0,296	0,002	0,012	0,071	FALSE
0,070	0,278	0,004	0,015	0,103	FALSE
0,045	0,292	0,004	0,014	0,116	FALSE
0,207	0,267	0,007	0,011	0,303	FALSE
0,034	0,282	0,001	0,008	0,025	FALSE
0,068	0,283	0,002	0,011	0,053	FALSE
0,058	0,280	0,002	0,010	0,072	FALSE
-0,192	0,279	-0,007	0,012	0,245	FALSE
0,246	0,277	0,010	0,014	0,333	FALSE

-0,109	0,280	-0,003	0,007	0,156	FALSE
0,053	0,304	0,003	0,013	0,074	FALSE
-0,195	0,286	-0,007	0,015	0,178	FALSE
0,150	0,282	0,006	0,010	0,284	FALSE
-0,001	0,283	0,001	0,007	0,038	FALSE
-0,033	0,278	-0,005	0,014	0,163	FALSE
-0,066	0,284	-0,005	0,014	0,141	FALSE
0,116	0,284	0,005	0,013	0,157	FALSE
-0,099	0,291	-0,003	0,007	0,145	FALSE
0,004	0,287	0,001	0,008	0,042	FALSE
0,189	0,279	0,007	0,011	0,291	FALSE
-0,080	0,284	-0,002	0,007	0,102	FALSE
-0,096	0,294	-0,003	0,008	0,140	FALSE
0,011	0,278	-0,001	0,008	0,054	FALSE
-0,099	0,288	-0,002	0,012	0,061	FALSE
0,063	0,257	0,001	0,014	0,039	FALSE
-0,031	0,286	-0,001	0,007	0,043	FALSE
-0,028	0,287	-0,002	0,010	0,096	FALSE
0,125	0,297	0,006	0,013	0,176	FALSE
-0,025	0,283	-0,001	0,014	0,032	FALSE
0,070	0,296	0,001	0,009	0,063	FALSE
-0,067	0,295	-0,002	0,014	0,042	FALSE
-0,099	0,288	-0,005	0,012	0,163	FALSE
0,136	0,292	0,006	0,015	0,172	FALSE
0,068	0,298	0,003	0,009	0,126	FALSE
0,020	0,282	0,000	0,010	0,015	FALSE
0,173	0,279	0,008	0,012	0,319	FALSE
0,145	0,293	0,007	0,012	0,253	FALSE
0,001	0,271	-0,002	0,007	0,110	FALSE
-0,032	0,294	0,001	0,008	0,025	FALSE
0,092	0,298	0,004	0,009	0,153	FALSE
0,003	0,298	0,000	0,015	0,001	FALSE
0,089	0,291	0,005	0,013	0,163	FALSE
0,081	0,296	0,004	0,012	0,113	FALSE
0,080	0,295	0,003	0,013	0,083	FALSE
0,079	0,289	0,003	0,012	0,102	FALSE
-0,076	0,281	-0,003	0,010	0,103	FALSE
0,014	0,282	0,002	0,008	0,093	FALSE
0,185	0,285	0,009	0,011	0,346	FALSE
-0,012	0,299	0,001	0,008	0,042	FALSE
0,184	0,284	0,010	0,015	0,318	FALSE
0,144	0,292	0,008	0,015	0,212	FALSE
0,056	0,285	0,003	0,015	0,087	FALSE
-0,117	0,288	-0,003	0,010	0,133	FALSE
0,194	0,280	0,011	0,014	0,356	FALSE
0,200	0,281	0,011	0,015	0,361	FALSE
-0,126	0,277	-0,005	0,010	0,223	FALSE
0,122	0,288	0,004	0,014	0,120	FALSE
-0,070	0,277	-0,001	0,007	0,075	FALSE
-0,115	0,281	-0,001	0,008	0,061	FALSE
-0,072	0,278	-0,004	0,011	0,161	FALSE
-0,017	0,285	-0,003	0,015	0,067	FALSE
0,006	0,283	-0,001	0,014	0,021	FALSE

0,029	0,296	0,000	0,009	0,013	FALSE
0,003	0,286	0,001	0,008	0,028	FALSE
0,014	0,285	0,001	0,008	0,041	FALSE
-0,010	0,270	-0,003	0,014	0,090	FALSE
-0,153	0,293	-0,005	0,012	0,173	FALSE
0,003	0,285	-0,001	0,008	0,046	FALSE
0,108	0,280	0,007	0,014	0,226	FALSE
-0,017	0,284	-0,002	0,015	0,053	FALSE
-0,027	0,281	-0,001	0,014	0,033	FALSE
0,098	0,285	0,002	0,010	0,062	FALSE
0,139	0,285	0,004	0,011	0,146	FALSE
-0,067	0,285	-0,001	0,008	0,033	FALSE
-0,021	0,276	0,001	0,012	0,038	FALSE
0,151	0,283	0,005	0,014	0,141	FALSE
0,012	0,274	0,001	0,011	0,017	FALSE
-0,041	0,296	-0,002	0,009	0,068	FALSE
-0,061	0,285	-0,004	0,014	0,121	FALSE
-0,093	0,293	-0,006	0,015	0,157	FALSE
0,026	0,278	0,000	0,007	0,011	FALSE
-0,121	0,274	-0,007	0,013	0,252	FALSE
-0,002	0,292	0,001	0,009	0,042	FALSE
-0,054	0,286	-0,004	0,013	0,106	FALSE
0,061	0,295	0,001	0,008	0,059	FALSE
-0,103	0,287	-0,005	0,014	0,153	FALSE
0,071	0,294	0,003	0,009	0,134	FALSE
0,254	0,283	0,014	0,015	0,468	FALSE
0,254	0,277	0,014	0,015	0,444	FALSE
-0,244	0,282	-0,007	0,010	0,282	FALSE
-0,143	0,267	-0,006	0,011	0,212	FALSE
0,183	0,272	0,006	0,011	0,242	FALSE
0,170	0,263	0,006	0,012	0,219	FALSE
-0,039	0,290	0,000	0,010	0,018	FALSE
-0,224	0,269	-0,008	0,014	0,250	FALSE
-0,225	0,263	-0,008	0,014	0,255	FALSE
0,273	0,260	0,007	0,010	0,300	FALSE
-0,111	0,288	-0,002	0,011	0,070	FALSE
-0,083	0,285	-0,001	0,011	0,045	FALSE
0,098	0,286	0,003	0,008	0,129	FALSE
0,030	0,292	0,002	0,015	0,041	FALSE
0,014	0,297	0,001	0,015	0,026	FALSE
-0,021	0,303	0,000	0,010	0,006	FALSE
0,001	0,280	0,001	0,009	0,040	FALSE
0,108	0,295	0,005	0,015	0,139	FALSE
0,027	0,288	0,000	0,011	0,015	FALSE
-0,095	0,283	-0,004	0,010	0,145	FALSE
0,066	0,265	0,000	0,008	0,007	FALSE
-0,241	0,279	-0,008	0,011	0,325	FALSE
-0,267	0,279	-0,007	0,009	0,341	FALSE
0,201	0,281	0,008	0,014	0,267	FALSE
0,075	0,286	0,003	0,010	0,124	FALSE
0,095	0,273	0,001	0,008	0,053	FALSE
0,063	0,284	0,001	0,007	0,050	FALSE
-0,004	0,281	0,000	0,009	0,008	FALSE

0,062	0,290	0,003	0,009	0,120	FALSE
0,051	0,279	0,001	0,012	0,021	FALSE
-0,006	0,290	0,000	0,010	0,001	FALSE
0,013	0,290	0,000	0,010	0,006	FALSE
-0,141	0,286	-0,007	0,013	0,230	FALSE
0,063	0,291	0,003	0,014	0,075	FALSE
-0,200	0,277	-0,007	0,009	0,338	FALSE
-0,135	0,289	-0,005	0,015	0,133	FALSE
0,066	0,288	0,005	0,013	0,142	FALSE
0,085	0,283	0,005	0,014	0,156	FALSE
-0,046	0,280	-0,002	0,010	0,075	FALSE
0,103	0,291	0,002	0,012	0,071	FALSE
0,124	0,286	0,005	0,013	0,178	FALSE
0,130	0,284	0,005	0,014	0,133	FALSE
0,130	0,293	0,004	0,014	0,110	FALSE
-0,154	0,287	-0,006	0,014	0,164	FALSE
0,061	0,274	0,000	0,011	0,012	FALSE
0,011	0,267	0,002	0,011	0,054	FALSE
-0,015	0,300	-0,001	0,008	0,022	FALSE
-0,070	0,289	-0,005	0,014	0,141	FALSE
0,004	0,299	0,002	0,009	0,084	FALSE
-0,001	0,304	0,000	0,011	0,012	FALSE
0,157	0,279	0,005	0,015	0,129	FALSE
0,162	0,271	0,005	0,012	0,181	FALSE
0,053	0,279	0,004	0,009	0,157	FALSE
0,047	0,288	0,002	0,011	0,073	FALSE
0,073	0,293	0,002	0,008	0,070	FALSE
-0,056	0,295	-0,002	0,015	0,063	FALSE
0,000	0,275	-0,002	0,013	0,045	FALSE
-0,007	0,284	0,000	0,008	0,017	FALSE
-0,166	0,278	-0,004	0,009	0,188	FALSE
-0,244	0,266	-0,006	0,007	0,376	FALSE
0,015	0,289	-0,001	0,008	0,045	FALSE
0,001	0,300	-0,001	0,014	0,014	FALSE
0,106	0,300	0,005	0,014	0,138	FALSE
0,028	0,296	0,000	0,008	0,014	FALSE
0,118	0,281	0,001	0,008	0,047	FALSE
-0,079	0,291	-0,001	0,008	0,046	FALSE
0,153	0,269	0,006	0,014	0,188	FALSE
0,026	0,277	0,000	0,008	0,013	FALSE
-0,011	0,301	0,000	0,014	0,007	FALSE
-0,071	0,272	-0,002	0,009	0,069	FALSE
0,059	0,294	0,004	0,015	0,099	FALSE
0,217	0,288	0,006	0,010	0,247	FALSE
0,042	0,285	0,000	0,015	0,001	FALSE
-0,118	0,279	-0,002	0,008	0,115	FALSE
0,190	0,271	0,010	0,012	0,360	FALSE
0,040	0,287	0,000	0,011	0,012	FALSE
-0,042	0,278	-0,004	0,011	0,131	FALSE
0,121	0,296	0,004	0,008	0,212	FALSE
0,038	0,291	0,000	0,015	0,009	FALSE
-0,011	0,300	0,000	0,013	0,002	FALSE
-0,069	0,297	-0,002	0,013	0,046	FALSE

0,009	0,284	0,001	0,014	0,026	FALSE
-0,107	0,294	-0,004	0,015	0,099	FALSE
-0,127	0,279	-0,003	0,012	0,101	FALSE
-0,100	0,276	-0,002	0,008	0,114	FALSE
-0,192	0,276	-0,007	0,014	0,219	FALSE
-0,225	0,273	-0,008	0,014	0,250	FALSE
-0,105	0,276	-0,003	0,011	0,090	FALSE
-0,155	0,279	-0,005	0,012	0,181	FALSE
0,088	0,283	0,003	0,011	0,111	FALSE
0,052	0,279	0,002	0,007	0,118	FALSE
0,090	0,291	0,002	0,011	0,063	FALSE
0,018	0,290	0,001	0,007	0,059	FALSE
0,090	0,275	0,003	0,014	0,086	FALSE
0,089	0,294	0,003	0,014	0,081	FALSE
0,046	0,294	0,002	0,010	0,074	FALSE
-0,026	0,289	-0,001	0,009	0,039	FALSE
0,094	0,290	0,003	0,010	0,117	FALSE
-0,121	0,284	-0,006	0,014	0,163	FALSE
0,148	0,265	0,003	0,007	0,180	FALSE
-0,007	0,293	-0,002	0,012	0,068	FALSE
-0,062	0,279	-0,001	0,007	0,046	FALSE
0,160	0,277	0,007	0,010	0,279	FALSE
0,089	0,293	0,004	0,014	0,109	FALSE
0,046	0,284	0,002	0,009	0,070	FALSE
0,059	0,290	0,004	0,012	0,112	FALSE
-0,054	0,289	-0,001	0,011	0,030	FALSE
0,198	0,277	0,002	0,007	0,133	FALSE
0,122	0,280	0,004	0,011	0,169	FALSE
0,104	0,283	0,006	0,015	0,166	FALSE
0,023	0,278	0,000	0,008	0,005	FALSE
-0,177	0,288	-0,006	0,011	0,208	FALSE
-0,199	0,290	-0,006	0,011	0,242	FALSE
-0,190	0,284	-0,004	0,009	0,195	FALSE
-0,177	0,279	-0,003	0,008	0,168	FALSE
-0,173	0,289	-0,005	0,011	0,195	FALSE
0,033	0,291	0,000	0,010	0,004	FALSE
-0,061	0,286	-0,002	0,008	0,098	FALSE
-0,109	0,288	-0,002	0,008	0,093	FALSE
0,103	0,283	0,007	0,015	0,194	FALSE
-0,053	0,271	-0,003	0,007	0,197	FALSE
-0,086	0,274	-0,002	0,012	0,046	FALSE
-0,128	0,267	-0,005	0,009	0,247	FALSE
-0,081	0,279	-0,004	0,011	0,128	FALSE
-0,041	0,293	-0,002	0,009	0,064	FALSE
0,059	0,283	0,003	0,010	0,108	FALSE
0,006	0,287	0,002	0,010	0,061	FALSE
-0,134	0,287	-0,002	0,008	0,100	FALSE
0,092	0,291	0,003	0,011	0,096	FALSE
-0,174	0,288	-0,004	0,010	0,164	FALSE
0,074	0,270	0,002	0,008	0,129	FALSE
-0,043	0,287	-0,002	0,013	0,070	FALSE
-0,090	0,285	-0,002	0,012	0,054	FALSE
0,014	0,289	-0,001	0,010	0,021	FALSE

-0,054	0,283	-0,001	0,009	0,040	FALSE
0,046	0,298	0,000	0,012	0,014	FALSE
0,043	0,287	0,003	0,010	0,117	FALSE
0,047	0,286	0,003	0,010	0,105	FALSE
0,011	0,307	0,001	0,013	0,015	FALSE
0,046	0,277	0,002	0,009	0,099	FALSE
-0,066	0,289	-0,001	0,010	0,053	FALSE
0,049	0,277	-0,001	0,014	0,021	FALSE
0,029	0,279	0,000	0,010	0,016	FALSE
-0,019	0,286	-0,002	0,012	0,065	FALSE
-0,006	0,295	0,000	0,008	0,014	FALSE
-0,012	0,296	-0,002	0,012	0,050	FALSE
0,026	0,281	0,001	0,012	0,026	FALSE
-0,024	0,296	-0,001	0,008	0,054	FALSE
0,066	0,291	0,002	0,012	0,061	FALSE
-0,024	0,280	-0,002	0,009	0,080	FALSE
-0,029	0,287	-0,003	0,010	0,101	FALSE
0,001	0,279	-0,001	0,008	0,051	FALSE
-0,043	0,293	-0,002	0,008	0,088	FALSE
-0,214	0,279	-0,004	0,007	0,248	FALSE
-0,013	0,286	0,000	0,010	0,005	FALSE
-0,024	0,291	0,000	0,009	0,004	FALSE
0,020	0,288	0,001	0,009	0,035	FALSE
-0,063	0,270	-0,002	0,007	0,126	FALSE
-0,018	0,279	-0,001	0,008	0,032	FALSE
-0,123	0,289	-0,003	0,010	0,130	FALSE
0,136	0,284	0,002	0,008	0,088	FALSE
-0,011	0,279	-0,001	0,013	0,018	FALSE
0,002	0,292	-0,001	0,014	0,013	FALSE
0,051	0,278	0,001	0,010	0,045	FALSE
0,100	0,286	0,002	0,011	0,078	FALSE
0,119	0,280	0,003	0,011	0,113	FALSE
-0,083	0,286	-0,002	0,008	0,104	FALSE
-0,026	0,289	0,000	0,008	0,007	FALSE
-0,114	0,283	-0,004	0,008	0,186	FALSE
0,045	0,285	0,003	0,012	0,086	FALSE
-0,065	0,294	-0,002	0,009	0,064	FALSE
0,097	0,284	0,002	0,011	0,079	FALSE
-0,194	0,289	-0,006	0,011	0,226	FALSE
0,069	0,279	0,001	0,010	0,036	FALSE
0,115	0,301	0,003	0,010	0,137	FALSE
-0,095	0,290	-0,006	0,013	0,201	FALSE
-0,069	0,289	-0,003	0,008	0,134	FALSE
-0,014	0,271	-0,001	0,014	0,031	FALSE
-0,056	0,296	-0,001	0,008	0,069	FALSE
0,058	0,296	0,002	0,015	0,057	FALSE
0,180	0,275	0,009	0,014	0,258	FALSE
0,030	0,303	0,001	0,007	0,032	FALSE
0,101	0,289	0,002	0,008	0,073	FALSE
0,122	0,283	0,002	0,007	0,095	FALSE
-0,059	0,286	-0,001	0,008	0,029	FALSE
-0,062	0,277	-0,001	0,007	0,055	FALSE
0,002	0,292	0,002	0,014	0,064	FALSE

0,104	0,276	0,002	0,009	0,102	FALSE
-0,137	0,270	-0,005	0,012	0,160	FALSE
-0,107	0,299	-0,001	0,008	0,054	FALSE
0,163	0,288	0,003	0,010	0,136	FALSE
-0,017	0,289	0,001	0,014	0,028	FALSE
0,097	0,290	0,001	0,008	0,048	FALSE
-0,044	0,296	-0,002	0,010	0,075	FALSE
0,079	0,279	0,000	0,010	0,014	FALSE
0,110	0,277	0,002	0,011	0,059	FALSE
-0,116	0,287	-0,002	0,007	0,090	FALSE
-0,094	0,284	-0,002	0,008	0,090	FALSE
-0,084	0,283	-0,002	0,012	0,058	FALSE
0,061	0,293	0,002	0,011	0,084	FALSE
-0,012	0,277	0,000	0,008	0,014	FALSE
-0,049	0,292	-0,003	0,011	0,109	FALSE
-0,115	0,282	-0,002	0,009	0,077	FALSE
0,067	0,280	0,001	0,010	0,019	FALSE
-0,208	0,274	-0,009	0,012	0,339	FALSE
-0,019	0,282	0,000	0,015	0,008	FALSE
0,148	0,274	0,004	0,008	0,217	FALSE
0,134	0,286	0,003	0,007	0,170	FALSE
-0,055	0,276	-0,002	0,007	0,079	FALSE
-0,010	0,279	-0,001	0,015	0,013	FALSE
0,002	0,270	0,001	0,014	0,028	FALSE
-0,180	0,269	-0,005	0,009	0,229	FALSE
-0,008	0,281	0,001	0,015	0,033	FALSE
-0,017	0,298	0,001	0,010	0,020	FALSE
-0,021	0,292	-0,002	0,012	0,048	FALSE
-0,106	0,299	-0,005	0,015	0,127	FALSE
0,026	0,273	-0,001	0,014	0,021	FALSE
-0,142	0,284	-0,003	0,008	0,164	FALSE
-0,053	0,290	-0,003	0,010	0,115	FALSE
0,134	0,280	0,003	0,008	0,134	FALSE
0,082	0,286	0,003	0,010	0,101	FALSE
0,018	0,296	0,003	0,012	0,086	FALSE
0,018	0,303	0,000	0,009	0,015	FALSE
-0,058	0,297	-0,002	0,009	0,099	FALSE
-0,082	0,279	-0,002	0,012	0,072	FALSE
0,073	0,282	0,001	0,008	0,059	FALSE
0,165	0,295	0,004	0,015	0,102	FALSE
0,031	0,298	0,001	0,010	0,031	FALSE
-0,018	0,281	0,000	0,009	0,016	FALSE
-0,026	0,292	0,000	0,010	0,003	FALSE
0,159	0,275	0,004	0,009	0,180	FALSE
-0,106	0,285	0,000	0,011	0,013	FALSE
0,027	0,287	0,001	0,011	0,041	FALSE
-0,038	0,297	-0,001	0,009	0,021	FALSE
-0,071	0,274	-0,002	0,014	0,045	FALSE
-0,031	0,284	-0,005	0,015	0,148	FALSE
0,078	0,283	0,003	0,007	0,179	FALSE
-0,094	0,288	-0,002	0,008	0,098	FALSE
-0,082	0,287	-0,002	0,008	0,089	FALSE
0,058	0,280	0,001	0,007	0,026	FALSE

-0,047	0,289	-0,003	0,014	0,070	FALSE
-0,022	0,277	-0,001	0,008	0,055	FALSE
-0,123	0,290	-0,003	0,010	0,130	FALSE
-0,061	0,277	0,000	0,012	0,011	FALSE
-0,032	0,298	-0,003	0,012	0,076	FALSE
-0,196	0,284	-0,007	0,010	0,305	FALSE
-0,172	0,277	-0,006	0,010	0,256	FALSE
0,021	0,293	0,002	0,007	0,080	FALSE
0,060	0,285	0,003	0,007	0,147	FALSE
0,115	0,293	0,001	0,011	0,047	FALSE
0,093	0,285	0,001	0,008	0,045	FALSE
0,150	0,273	0,003	0,010	0,119	FALSE
0,060	0,282	0,003	0,008	0,131	FALSE
-0,035	0,289	0,000	0,015	0,000	FALSE
0,110	0,272	0,000	0,010	0,010	FALSE
0,011	0,287	0,002	0,009	0,071	FALSE
-0,058	0,278	-0,002	0,011	0,053	FALSE
-0,090	0,298	-0,004	0,012	0,140	FALSE
-0,015	0,277	-0,001	0,008	0,026	FALSE
-0,036	0,286	0,000	0,010	0,009	FALSE
0,180	0,285	0,005	0,010	0,214	FALSE
0,058	0,293	0,001	0,011	0,043	FALSE
-0,172	0,282	-0,009	0,014	0,255	FALSE
-0,084	0,269	-0,002	0,011	0,059	FALSE
0,053	0,278	0,004	0,011	0,165	FALSE
0,035	0,279	0,001	0,014	0,038	FALSE
-0,107	0,293	-0,006	0,013	0,207	FALSE
-0,261	0,275	-0,010	0,012	0,405	FALSE
0,021	0,284	-0,001	0,013	0,032	FALSE
0,038	0,283	0,000	0,013	0,008	FALSE
0,013	0,287	0,000	0,008	0,016	FALSE
-0,134	0,299	-0,006	0,014	0,179	FALSE
-0,141	0,278	-0,008	0,014	0,234	FALSE
0,110	0,286	0,005	0,015	0,132	FALSE
-0,246	0,268	-0,007	0,009	0,372	FALSE
0,025	0,282	0,001	0,007	0,071	FALSE
-0,063	0,301	-0,005	0,014	0,145	FALSE
-0,069	0,279	-0,005	0,013	0,170	FALSE
0,158	0,293	0,007	0,014	0,205	FALSE
-0,130	0,277	-0,006	0,011	0,244	FALSE
0,018	0,296	0,001	0,008	0,025	FALSE
0,014	0,285	0,003	0,010	0,132	FALSE
0,144	0,280	0,004	0,008	0,185	FALSE
0,029	0,285	0,002	0,015	0,037	FALSE
-0,112	0,286	-0,005	0,014	0,153	FALSE
0,025	0,302	0,001	0,015	0,029	FALSE
-0,006	0,286	0,000	0,014	0,006	FALSE
0,136	0,272	0,005	0,011	0,195	FALSE
-0,142	0,282	-0,005	0,010	0,198	FALSE
-0,161	0,277	-0,005	0,009	0,230	FALSE
-0,122	0,279	-0,004	0,008	0,177	FALSE
-0,124	0,283	-0,004	0,009	0,165	FALSE
0,093	0,294	0,000	0,008	0,020	FALSE

-0,029	0,296	0,001	0,015	0,020	FALSE
-0,057	0,273	-0,004	0,014	0,115	FALSE
-0,042	0,288	0,000	0,008	0,002	FALSE
-0,071	0,293	-0,002	0,013	0,058	FALSE
0,057	0,284	0,001	0,009	0,031	FALSE
-0,002	0,295	0,004	0,014	0,108	FALSE
0,078	0,283	0,004	0,014	0,101	FALSE
0,154	0,287	0,005	0,014	0,151	FALSE
0,084	0,290	0,001	0,012	0,033	FALSE
0,157	0,287	0,008	0,012	0,277	FALSE
-0,037	0,280	0,001	0,012	0,041	FALSE
0,014	0,268	-0,001	0,009	0,020	FALSE
0,107	0,296	0,004	0,010	0,167	FALSE
-0,072	0,296	-0,005	0,016	0,132	FALSE
0,036	0,297	0,002	0,011	0,069	FALSE
0,018	0,288	-0,002	0,011	0,083	FALSE
-0,070	0,282	-0,005	0,011	0,211	FALSE
-0,088	0,292	-0,002	0,009	0,097	FALSE
-0,021	0,302	0,002	0,015	0,040	FALSE
0,017	0,291	0,001	0,008	0,055	FALSE
0,056	0,284	0,002	0,008	0,088	FALSE
0,059	0,286	0,002	0,009	0,086	FALSE
-0,037	0,287	-0,001	0,007	0,031	FALSE
0,129	0,278	0,003	0,013	0,103	FALSE
-0,037	0,284	-0,001	0,014	0,016	FALSE
-0,011	0,292	-0,001	0,009	0,036	FALSE
0,006	0,293	0,000	0,014	0,009	FALSE
0,091	0,291	0,003	0,013	0,085	FALSE
0,055	0,292	0,002	0,013	0,054	FALSE
-0,097	0,274	-0,003	0,010	0,108	FALSE
0,067	0,282	0,002	0,009	0,079	FALSE
-0,120	0,299	-0,004	0,009	0,173	FALSE
0,142	0,285	0,005	0,010	0,182	FALSE
0,156	0,289	0,004	0,010	0,168	FALSE
0,165	0,285	0,006	0,012	0,197	FALSE
0,142	0,295	0,005	0,012	0,173	FALSE
0,131	0,301	0,003	0,010	0,137	FALSE
-0,045	0,282	-0,001	0,007	0,052	FALSE
-0,007	0,293	0,002	0,014	0,055	FALSE
0,059	0,282	0,002	0,014	0,051	FALSE
0,142	0,286	0,005	0,010	0,202	FALSE
0,075	0,296	0,000	0,008	0,011	FALSE
0,029	0,264	0,001	0,014	0,019	FALSE
-0,061	0,289	-0,001	0,007	0,069	FALSE
-0,031	0,276	-0,002	0,008	0,113	FALSE
-0,095	0,286	-0,003	0,010	0,141	FALSE
0,131	0,290	0,005	0,012	0,168	FALSE
-0,072	0,289	-0,003	0,015	0,063	FALSE
0,003	0,297	-0,001	0,008	0,029	FALSE
0,041	0,280	0,000	0,008	0,017	FALSE
-0,076	0,271	-0,002	0,012	0,065	FALSE
-0,091	0,286	-0,002	0,011	0,083	FALSE
-0,222	0,276	-0,007	0,010	0,320	FALSE

0,098	0,282	0,006	0,014	0,169	FALSE
-0,031	0,290	-0,001	0,014	0,032	FALSE
-0,032	0,297	-0,001	0,015	0,023	FALSE
-0,105	0,277	-0,002	0,007	0,123	FALSE
-0,015	0,277	0,000	0,007	0,003	FALSE
-0,037	0,292	0,000	0,011	0,005	FALSE
-0,295	0,272	-0,013	0,015	0,437	FALSE
-0,173	0,283	-0,007	0,014	0,217	FALSE
0,063	0,287	0,000	0,009	0,004	FALSE
-0,143	0,295	-0,006	0,015	0,171	FALSE
0,153	0,287	0,006	0,014	0,157	FALSE
0,035	0,287	0,001	0,008	0,033	FALSE
0,050	0,291	0,002	0,009	0,065	FALSE
-0,096	0,277	-0,004	0,014	0,130	FALSE
0,216	0,276	0,010	0,014	0,328	FALSE
-0,111	0,281	-0,004	0,014	0,127	FALSE
-0,079	0,284	-0,002	0,015	0,040	FALSE
0,029	0,295	0,001	0,008	0,066	FALSE
-0,185	0,284	-0,006	0,010	0,273	FALSE
0,006	0,283	-0,001	0,008	0,022	FALSE
0,067	0,278	0,000	0,010	0,012	FALSE
-0,001	0,289	0,001	0,007	0,041	FALSE
-0,005	0,291	0,001	0,008	0,053	FALSE
-0,059	0,282	-0,004	0,014	0,109	FALSE
0,070	0,293	0,001	0,011	0,033	FALSE
-0,071	0,280	-0,003	0,009	0,135	FALSE
-0,043	0,288	-0,003	0,014	0,079	FALSE
0,076	0,280	0,001	0,008	0,052	FALSE
0,062	0,271	0,004	0,012	0,121	FALSE
-0,023	0,276	-0,001	0,014	0,035	FALSE
-0,069	0,274	-0,002	0,009	0,108	FALSE
-0,013	0,304	0,001	0,008	0,047	FALSE
0,005	0,286	0,001	0,012	0,015	FALSE
0,114	0,285	0,004	0,007	0,205	FALSE
-0,059	0,281	-0,001	0,011	0,032	FALSE
0,066	0,291	0,000	0,014	0,002	FALSE
-0,153	0,272	-0,004	0,009	0,202	FALSE
0,020	0,292	0,000	0,008	0,015	FALSE
-0,035	0,286	0,000	0,008	0,017	FALSE
0,061	0,291	0,000	0,007	0,020	FALSE
-0,200	0,280	-0,004	0,010	0,183	FALSE
-0,095	0,278	-0,002	0,012	0,057	FALSE
0,128	0,290	0,003	0,009	0,158	FALSE
0,062	0,289	0,000	0,008	0,000	FALSE
-0,073	0,282	-0,003	0,009	0,136	FALSE
0,019	0,289	0,000	0,015	0,012	FALSE
0,056	0,302	0,000	0,008	0,004	FALSE
-0,068	0,295	-0,003	0,008	0,122	FALSE
0,028	0,285	0,003	0,008	0,131	FALSE
0,055	0,280	0,002	0,008	0,077	FALSE
-0,152	0,290	-0,004	0,012	0,139	FALSE
0,150	0,280	0,005	0,013	0,138	FALSE
0,163	0,283	0,003	0,008	0,189	FALSE

-0,094	0,292	-0,003	0,009	0,124	FALSE
-0,032	0,300	0,000	0,013	0,012	FALSE
0,024	0,284	0,001	0,007	0,049	FALSE
0,090	0,283	0,002	0,009	0,076	FALSE
0,001	0,278	0,002	0,009	0,066	FALSE
0,052	0,296	0,003	0,013	0,095	FALSE
0,103	0,287	0,003	0,009	0,120	FALSE
-0,085	0,290	-0,003	0,008	0,139	FALSE
0,134	0,294	0,006	0,015	0,160	FALSE
0,033	0,294	0,000	0,015	0,005	FALSE
0,065	0,293	0,003	0,014	0,074	FALSE
0,195	0,289	0,005	0,010	0,242	FALSE
0,206	0,269	0,006	0,009	0,299	FALSE
-0,092	0,282	-0,005	0,014	0,139	FALSE
-0,111	0,290	-0,004	0,011	0,150	FALSE
-0,033	0,290	-0,001	0,013	0,017	FALSE
-0,083	0,294	-0,005	0,014	0,141	FALSE
0,074	0,291	0,002	0,008	0,072	FALSE
0,039	0,287	0,000	0,008	0,013	FALSE
0,023	0,298	0,000	0,013	0,010	FALSE
-0,155	0,289	-0,007	0,015	0,187	FALSE
-0,035	0,292	0,000	0,008	0,017	FALSE
0,060	0,296	0,001	0,008	0,029	FALSE
-0,013	0,288	0,003	0,011	0,090	FALSE
-0,023	0,292	0,001	0,009	0,035	FALSE
-0,031	0,280	-0,003	0,013	0,072	FALSE
-0,071	0,271	-0,001	0,009	0,054	FALSE
-0,034	0,287	0,000	0,010	0,007	FALSE
0,065	0,293	0,003	0,015	0,067	FALSE
-0,030	0,280	0,000	0,008	0,018	FALSE
-0,035	0,283	0,000	0,010	0,007	FALSE
-0,003	0,283	0,000	0,010	0,007	FALSE
0,032	0,303	0,001	0,009	0,037	FALSE
-0,192	0,260	-0,006	0,011	0,208	FALSE
-0,078	0,274	-0,003	0,012	0,080	FALSE
-0,055	0,284	0,000	0,008	0,002	FALSE
-0,007	0,285	0,001	0,007	0,052	FALSE
0,135	0,276	0,005	0,013	0,145	FALSE
-0,110	0,305	-0,003	0,013	0,101	FALSE
0,122	0,276	0,004	0,013	0,124	FALSE
0,055	0,254	0,002	0,014	0,056	FALSE
-0,033	0,273	-0,002	0,015	0,040	FALSE
0,029	0,289	0,000	0,014	0,008	FALSE
-0,154	0,288	-0,008	0,014	0,255	FALSE
0,113	0,300	0,005	0,010	0,214	FALSE
0,052	0,285	0,002	0,015	0,049	FALSE
0,037	0,280	0,001	0,007	0,063	FALSE
-0,120	0,293	-0,007	0,014	0,189	FALSE
0,172	0,285	0,004	0,008	0,184	FALSE
-0,073	0,293	-0,002	0,014	0,063	FALSE
0,087	0,290	0,003	0,010	0,108	FALSE
0,009	0,303	0,001	0,009	0,037	FALSE
0,099	0,291	0,005	0,015	0,142	FALSE

-0,059	0,281	-0,002	0,014	0,056	FALSE
0,073	0,276	0,002	0,014	0,057	FALSE
-0,035	0,286	-0,001	0,012	0,029	FALSE
-0,026	0,284	-0,001	0,013	0,031	FALSE
-0,047	0,275	-0,002	0,012	0,061	FALSE
0,056	0,276	0,001	0,014	0,028	FALSE
0,020	0,287	0,000	0,014	0,009	FALSE
0,149	0,276	0,004	0,007	0,220	FALSE
-0,071	0,289	-0,004	0,013	0,108	FALSE
0,045	0,305	0,002	0,010	0,080	FALSE
-0,057	0,291	-0,002	0,009	0,077	FALSE
0,058	0,279	0,001	0,008	0,054	FALSE
-0,045	0,292	-0,003	0,014	0,078	FALSE
0,022	0,295	0,001	0,010	0,047	FALSE
-0,101	0,270	-0,003	0,007	0,180	FALSE
0,054	0,290	0,001	0,015	0,033	FALSE
0,092	0,273	0,000	0,009	0,019	FALSE
0,231	0,282	0,012	0,015	0,364	FALSE
-0,001	0,274	0,001	0,008	0,042	FALSE
0,074	0,283	0,002	0,008	0,089	FALSE
-0,021	0,295	0,000	0,013	0,012	FALSE
-0,033	0,287	0,000	0,013	0,007	FALSE
-0,006	0,275	0,003	0,012	0,107	FALSE
0,103	0,302	0,003	0,007	0,142	FALSE
0,092	0,283	0,005	0,011	0,208	FALSE
-0,015	0,291	0,000	0,008	0,004	FALSE
-0,016	0,292	0,000	0,012	0,004	FALSE
-0,128	0,270	-0,004	0,007	0,213	FALSE
0,089	0,295	0,003	0,010	0,104	FALSE
0,056	0,277	0,002	0,008	0,080	FALSE
0,031	0,288	0,000	0,008	0,008	FALSE
-0,059	0,283	-0,004	0,012	0,113	FALSE
0,044	0,282	0,003	0,014	0,068	FALSE
0,072	0,296	0,003	0,009	0,113	FALSE
-0,083	0,287	-0,001	0,010	0,053	FALSE
0,034	0,289	0,000	0,009	0,011	FALSE
0,185	0,280	0,006	0,013	0,193	FALSE
0,018	0,297	-0,002	0,014	0,038	FALSE
-0,070	0,289	-0,003	0,010	0,096	FALSE
-0,105	0,304	-0,002	0,007	0,082	FALSE
-0,189	0,276	-0,005	0,010	0,207	FALSE
0,102	0,264	0,004	0,014	0,100	FALSE
0,071	0,288	0,004	0,008	0,185	FALSE
-0,028	0,292	0,000	0,008	0,021	FALSE
-0,031	0,303	0,001	0,008	0,026	FALSE
0,078	0,303	0,002	0,008	0,082	FALSE
0,043	0,286	0,002	0,007	0,115	FALSE
0,012	0,290	0,000	0,007	0,025	FALSE
0,100	0,295	0,004	0,008	0,190	FALSE
0,018	0,312	0,001	0,012	0,035	FALSE
0,025	0,300	0,001	0,011	0,046	FALSE
0,040	0,283	0,001	0,013	0,023	FALSE
-0,004	0,288	0,001	0,012	0,036	FALSE

0,108	0,287	0,002	0,010	0,084	FALSE
-0,044	0,294	-0,002	0,014	0,050	FALSE
0,029	0,289	0,000	0,009	0,014	FALSE
0,048	0,293	0,001	0,010	0,023	FALSE
0,067	0,294	0,003	0,009	0,126	FALSE
-0,233	0,288	-0,005	0,008	0,290	FALSE
-0,117	0,291	-0,003	0,013	0,076	FALSE
0,003	0,287	0,001	0,011	0,034	FALSE
-0,023	0,282	-0,002	0,008	0,100	FALSE
-0,020	0,273	-0,002	0,008	0,090	FALSE
0,102	0,281	0,005	0,013	0,163	FALSE
-0,102	0,281	-0,005	0,011	0,181	FALSE
-0,188	0,269	-0,009	0,014	0,302	FALSE
-0,187	0,277	-0,009	0,014	0,287	FALSE
-0,223	0,264	-0,011	0,014	0,353	FALSE
-0,134	0,292	-0,006	0,012	0,200	FALSE
0,184	0,283	0,005	0,009	0,222	FALSE
0,107	0,282	0,004	0,008	0,193	FALSE
-0,155	0,280	-0,004	0,008	0,202	FALSE
0,062	0,289	0,002	0,013	0,059	FALSE
0,048	0,285	0,001	0,009	0,059	FALSE
-0,095	0,299	-0,005	0,015	0,119	FALSE
-0,053	0,286	-0,002	0,013	0,045	FALSE
0,080	0,290	0,003	0,012	0,089	FALSE
0,070	0,298	0,005	0,014	0,155	FALSE
0,074	0,295	0,005	0,014	0,152	FALSE
-0,119	0,277	-0,004	0,010	0,163	FALSE
0,083	0,275	0,001	0,011	0,047	FALSE
-0,097	0,290	-0,003	0,010	0,116	FALSE
0,013	0,310	0,001	0,013	0,018	FALSE
-0,061	0,284	-0,001	0,008	0,026	FALSE
0,221	0,281	0,005	0,009	0,251	FALSE
-0,023	0,294	0,000	0,014	0,009	FALSE
0,038	0,274	0,000	0,011	0,010	FALSE
0,106	0,273	0,000	0,008	0,003	FALSE
0,173	0,278	0,004	0,007	0,222	FALSE
-0,023	0,292	0,000	0,012	0,001	FALSE
-0,030	0,289	-0,003	0,014	0,086	FALSE
-0,049	0,284	-0,002	0,010	0,096	FALSE
-0,097	0,281	-0,003	0,008	0,130	FALSE
-0,057	0,289	-0,001	0,008	0,052	FALSE
0,095	0,282	0,002	0,010	0,087	FALSE
0,033	0,299	0,001	0,014	0,037	FALSE
-0,099	0,287	-0,004	0,013	0,116	FALSE
-0,105	0,283	-0,001	0,010	0,037	FALSE
0,110	0,275	0,003	0,007	0,173	FALSE
-0,128	0,278	-0,005	0,010	0,186	FALSE
-0,020	0,289	0,000	0,010	0,001	FALSE
-0,069	0,287	-0,001	0,013	0,029	FALSE
0,107	0,266	0,005	0,011	0,202	FALSE
0,057	0,286	0,001	0,012	0,032	FALSE
0,062	0,297	0,001	0,011	0,028	FALSE
-0,157	0,299	-0,006	0,014	0,160	FALSE

-0,159	0,279	-0,004	0,008	0,209	FALSE
-0,092	0,277	-0,003	0,013	0,076	FALSE
-0,065	0,286	-0,001	0,014	0,025	FALSE
0,053	0,293	0,001	0,014	0,033	FALSE
0,028	0,289	-0,002	0,008	0,073	FALSE
-0,159	0,288	-0,007	0,015	0,203	FALSE
-0,155	0,279	-0,004	0,013	0,107	FALSE
0,112	0,276	0,008	0,014	0,248	FALSE
0,090	0,286	0,002	0,010	0,068	FALSE
0,056	0,284	0,000	0,011	0,003	FALSE
0,107	0,289	0,004	0,013	0,107	FALSE
-0,030	0,290	0,000	0,010	0,010	FALSE
-0,022	0,289	-0,004	0,014	0,113	FALSE
0,025	0,307	0,003	0,014	0,070	FALSE
0,045	0,278	0,002	0,010	0,086	FALSE
-0,004	0,296	0,001	0,011	0,028	FALSE
-0,052	0,282	-0,001	0,015	0,020	FALSE
-0,045	0,305	0,000	0,008	0,017	FALSE
-0,034	0,303	-0,002	0,015	0,061	FALSE
-0,166	0,270	-0,007	0,011	0,283	FALSE
-0,214	0,272	-0,009	0,010	0,396	FALSE
0,094	0,294	0,004	0,012	0,126	FALSE
-0,067	0,285	-0,001	0,007	0,043	FALSE
0,042	0,290	0,002	0,008	0,107	FALSE
0,010	0,288	0,001	0,008	0,049	FALSE
-0,021	0,277	-0,001	0,009	0,043	FALSE
0,007	0,272	-0,002	0,008	0,071	FALSE
0,103	0,291	0,006	0,014	0,177	FALSE
-0,149	0,293	-0,008	0,015	0,210	FALSE
-0,104	0,270	-0,002	0,008	0,092	FALSE
0,085	0,287	0,001	0,008	0,074	FALSE
-0,069	0,282	-0,001	0,010	0,048	FALSE
0,080	0,289	0,003	0,008	0,147	FALSE
-0,143	0,292	-0,005	0,015	0,147	FALSE
0,063	0,287	0,003	0,008	0,124	FALSE
-0,011	0,282	-0,002	0,012	0,059	FALSE
0,029	0,293	-0,001	0,013	0,017	FALSE
-0,008	0,294	-0,001	0,009	0,033	FALSE
0,035	0,288	0,001	0,009	0,042	FALSE
0,011	0,281	0,000	0,008	0,008	FALSE
0,099	0,282	0,007	0,014	0,192	FALSE
0,122	0,280	0,004	0,014	0,115	FALSE
-0,118	0,282	-0,003	0,008	0,159	FALSE
0,096	0,292	0,008	0,015	0,217	FALSE
0,125	0,288	0,003	0,008	0,123	FALSE
-0,008	0,294	-0,001	0,010	0,030	FALSE
-0,086	0,300	-0,005	0,015	0,123	FALSE
0,085	0,295	0,001	0,008	0,047	FALSE
-0,130	0,285	-0,004	0,010	0,177	FALSE
0,023	0,298	0,001	0,014	0,027	FALSE
0,172	0,294	0,004	0,008	0,209	FALSE
-0,045	0,281	-0,002	0,007	0,101	FALSE
0,049	0,285	0,001	0,013	0,037	FALSE

0,014	0,281	0,000	0,008	0,011	FALSE
0,079	0,307	0,004	0,013	0,102	FALSE
-0,081	0,286	-0,001	0,008	0,059	FALSE
-0,077	0,279	-0,002	0,008	0,078	FALSE
0,085	0,286	0,000	0,008	0,015	FALSE
0,053	0,278	0,001	0,011	0,031	FALSE
0,102	0,287	0,003	0,013	0,082	FALSE
0,152	0,286	0,006	0,014	0,170	FALSE
-0,136	0,283	-0,005	0,015	0,144	FALSE
0,110	0,289	0,005	0,014	0,124	FALSE
0,034	0,293	-0,003	0,013	0,091	FALSE
0,174	0,277	0,006	0,014	0,191	FALSE
-0,137	0,281	-0,004	0,008	0,178	FALSE
-0,087	0,273	-0,006	0,012	0,228	FALSE
0,159	0,282	0,004	0,014	0,121	FALSE
0,127	0,299	0,002	0,014	0,060	FALSE
0,062	0,293	0,001	0,013	0,030	FALSE
-0,077	0,305	-0,002	0,011	0,087	FALSE
-0,075	0,280	-0,005	0,010	0,203	FALSE
-0,055	0,298	-0,003	0,015	0,065	FALSE
0,022	0,289	-0,002	0,011	0,057	FALSE
0,107	0,261	0,005	0,014	0,150	FALSE
0,125	0,272	0,005	0,012	0,171	FALSE
-0,106	0,282	-0,003	0,007	0,179	FALSE
-0,059	0,290	-0,004	0,013	0,106	FALSE
0,062	0,265	0,003	0,014	0,066	FALSE
0,003	0,294	0,000	0,008	0,008	FALSE
0,046	0,280	0,002	0,014	0,040	FALSE
0,030	0,276	0,000	0,014	0,009	FALSE
-0,049	0,270	-0,001	0,015	0,029	FALSE
-0,089	0,293	-0,003	0,009	0,133	FALSE
-0,094	0,286	-0,004	0,009	0,168	FALSE
-0,127	0,298	-0,003	0,008	0,140	FALSE
0,089	0,299	0,004	0,013	0,132	FALSE
-0,274	0,280	-0,007	0,008	0,413	FALSE
-0,257	0,277	-0,007	0,008	0,389	FALSE
-0,286	0,275	-0,008	0,008	0,443	FALSE
0,214	0,270	0,009	0,014	0,279	FALSE
0,059	0,275	0,003	0,013	0,078	FALSE
0,032	0,284	0,000	0,008	0,015	FALSE
0,105	0,287	0,002	0,008	0,079	FALSE
-0,077	0,279	-0,003	0,012	0,100	FALSE
-0,072	0,274	-0,003	0,011	0,095	FALSE
0,154	0,284	0,003	0,007	0,193	FALSE
-0,025	0,288	-0,001	0,012	0,025	FALSE
-0,126	0,284	-0,007	0,013	0,218	FALSE
0,205	0,285	0,006	0,009	0,302	FALSE
0,025	0,280	0,002	0,009	0,065	FALSE
0,122	0,287	0,004	0,008	0,185	FALSE
-0,068	0,287	-0,001	0,013	0,040	FALSE
0,142	0,286	0,002	0,008	0,118	FALSE
0,122	0,279	0,002	0,009	0,078	FALSE
0,128	0,297	0,003	0,010	0,097	FALSE

0,021	0,283	0,000	0,008	0,019	FALSE
0,031	0,295	0,000	0,013	0,001	FALSE
0,042	0,280	0,001	0,008	0,027	FALSE
-0,011	0,303	-0,001	0,010	0,036	FALSE
-0,049	0,280	-0,002	0,009	0,085	FALSE
0,057	0,280	0,001	0,008	0,057	FALSE
-0,011	0,275	-0,001	0,008	0,048	FALSE
0,054	0,291	0,002	0,008	0,097	FALSE
-0,140	0,285	-0,004	0,010	0,150	FALSE
-0,046	0,278	-0,001	0,009	0,042	FALSE
0,044	0,281	0,001	0,008	0,029	FALSE
-0,111	0,306	-0,004	0,012	0,116	FALSE
-0,058	0,303	-0,001	0,009	0,056	FALSE
-0,091	0,288	-0,003	0,011	0,097	FALSE
-0,041	0,289	-0,001	0,011	0,035	FALSE
0,096	0,289	0,003	0,010	0,107	FALSE
0,022	0,286	0,002	0,012	0,058	FALSE
-0,073	0,291	-0,004	0,010	0,156	FALSE
-0,157	0,280	-0,009	0,014	0,270	FALSE
0,003	0,286	0,000	0,009	0,013	FALSE
-0,103	0,281	-0,001	0,011	0,046	FALSE
0,119	0,293	0,003	0,012	0,107	FALSE
0,093	0,298	0,003	0,012	0,094	FALSE
-0,072	0,317	-0,001	0,016	0,032	FALSE
-0,044	0,297	0,000	0,015	0,008	FALSE
-0,009	0,284	0,002	0,009	0,068	FALSE
0,015	0,280	-0,001	0,008	0,061	FALSE
0,070	0,289	0,003	0,013	0,094	FALSE
0,005	0,292	0,000	0,014	0,008	FALSE
-0,030	0,294	-0,001	0,010	0,022	FALSE
-0,171	0,272	-0,004	0,007	0,240	FALSE
0,069	0,298	0,001	0,011	0,039	FALSE
0,013	0,275	-0,001	0,008	0,052	FALSE
-0,065	0,290	-0,001	0,012	0,018	FALSE
-0,117	0,291	-0,003	0,007	0,187	FALSE
-0,087	0,283	-0,004	0,011	0,149	FALSE
-0,114	0,292	-0,007	0,015	0,213	FALSE
-0,055	0,294	-0,001	0,012	0,019	FALSE
0,150	0,256	0,005	0,014	0,151	FALSE
0,187	0,283	0,004	0,009	0,195	FALSE
0,044	0,280	0,003	0,012	0,101	FALSE
-0,056	0,290	-0,001	0,008	0,058	FALSE
0,013	0,296	0,000	0,010	0,009	FALSE
0,140	0,279	0,005	0,014	0,137	FALSE
0,143	0,284	0,005	0,015	0,138	FALSE
-0,099	0,287	-0,003	0,012	0,100	FALSE
-0,093	0,286	-0,003	0,013	0,079	FALSE
0,058	0,279	0,001	0,013	0,022	FALSE
-0,048	0,285	-0,001	0,008	0,054	FALSE
0,132	0,284	0,002	0,012	0,078	FALSE
-0,002	0,290	-0,001	0,012	0,040	FALSE
-0,015	0,293	-0,002	0,014	0,067	FALSE
-0,080	0,279	-0,001	0,007	0,074	FALSE

0,213	0,289	0,008	0,012	0,269	FALSE
0,009	0,289	0,001	0,011	0,029	FALSE
0,067	0,286	0,001	0,010	0,048	FALSE
0,046	0,289	0,002	0,015	0,059	FALSE
0,023	0,280	0,000	0,010	0,005	FALSE
-0,005	0,284	0,000	0,010	0,015	FALSE
-0,084	0,282	-0,002	0,008	0,111	FALSE
0,129	0,286	0,002	0,015	0,046	FALSE
0,018	0,291	0,002	0,012	0,050	FALSE
0,038	0,296	-0,001	0,009	0,026	FALSE
0,099	0,294	0,001	0,009	0,027	FALSE
-0,083	0,286	-0,001	0,008	0,029	FALSE
-0,028	0,291	-0,001	0,008	0,031	FALSE
-0,007	0,279	0,001	0,008	0,059	FALSE
-0,084	0,280	-0,005	0,014	0,130	FALSE
0,026	0,290	0,002	0,014	0,039	FALSE
-0,004	0,297	0,000	0,015	0,002	FALSE
0,005	0,289	0,000	0,014	0,010	FALSE
-0,106	0,290	-0,002	0,011	0,077	FALSE
0,002	0,287	0,001	0,009	0,033	FALSE
-0,019	0,283	-0,001	0,009	0,032	FALSE
-0,013	0,267	-0,004	0,014	0,113	FALSE
-0,030	0,278	-0,001	0,012	0,042	FALSE
-0,010	0,275	-0,002	0,014	0,053	FALSE
0,051	0,267	0,000	0,012	0,013	FALSE
0,022	0,296	0,002	0,009	0,081	FALSE
0,018	0,290	0,000	0,015	0,010	FALSE
-0,159	0,284	-0,007	0,013	0,238	FALSE
-0,128	0,276	-0,004	0,009	0,165	FALSE
-0,205	0,284	-0,009	0,014	0,273	FALSE
0,080	0,303	0,002	0,012	0,070	FALSE
0,030	0,297	0,002	0,015	0,056	FALSE
0,069	0,294	0,004	0,013	0,121	FALSE
-0,163	0,265	-0,005	0,009	0,265	FALSE
0,125	0,290	0,002	0,012	0,067	FALSE
-0,107	0,282	-0,004	0,009	0,170	FALSE
-0,063	0,283	-0,002	0,014	0,046	FALSE
0,147	0,281	0,006	0,012	0,217	FALSE
-0,103	0,287	-0,003	0,014	0,088	FALSE
-0,126	0,283	-0,002	0,007	0,125	FALSE
-0,041	0,286	0,000	0,014	0,001	FALSE
-0,082	0,287	-0,001	0,015	0,022	FALSE
-0,041	0,280	0,000	0,008	0,017	FALSE
-0,112	0,277	-0,004	0,010	0,170	FALSE
-0,156	0,283	-0,007	0,013	0,207	FALSE
-0,152	0,294	-0,007	0,014	0,221	FALSE
-0,139	0,294	-0,006	0,014	0,187	FALSE
-0,140	0,288	-0,006	0,014	0,186	FALSE
0,140	0,271	0,003	0,008	0,161	FALSE
0,000	0,297	-0,001	0,015	0,017	FALSE
0,002	0,289	0,000	0,009	0,017	FALSE
-0,020	0,277	0,000	0,008	0,006	FALSE
0,049	0,296	0,002	0,009	0,101	FALSE

-0,093	0,273	-0,002	0,008	0,108	FALSE
-0,070	0,278	-0,002	0,009	0,072	FALSE
-0,228	0,273	-0,009	0,013	0,318	FALSE
-0,083	0,273	-0,006	0,015	0,148	FALSE
0,071	0,283	0,004	0,011	0,144	FALSE
0,017	0,297	0,000	0,011	0,006	FALSE
0,053	0,298	0,001	0,011	0,024	FALSE
-0,083	0,278	-0,002	0,013	0,069	FALSE
0,039	0,276	0,002	0,014	0,050	FALSE
0,078	0,282	0,001	0,009	0,024	FALSE
0,009	0,274	-0,002	0,010	0,079	FALSE
0,040	0,273	-0,001	0,010	0,041	FALSE
0,115	0,269	0,001	0,009	0,030	FALSE
0,067	0,287	0,001	0,007	0,042	FALSE
0,137	0,275	0,002	0,009	0,098	FALSE
-0,132	0,289	-0,003	0,009	0,115	FALSE
0,027	0,294	0,001	0,013	0,038	FALSE
-0,003	0,277	0,003	0,013	0,073	FALSE
0,086	0,271	0,006	0,013	0,185	FALSE
-0,215	0,262	-0,007	0,013	0,216	FALSE
-0,005	0,292	-0,001	0,014	0,014	FALSE
-0,015	0,281	-0,001	0,008	0,036	FALSE
-0,049	0,271	-0,001	0,013	0,016	FALSE
-0,069	0,293	-0,002	0,009	0,063	FALSE
0,063	0,281	0,001	0,008	0,036	FALSE
0,006	0,280	0,001	0,008	0,063	FALSE
-0,007	0,279	0,002	0,011	0,051	FALSE
0,031	0,289	0,000	0,013	0,003	FALSE
-0,149	0,287	-0,004	0,010	0,144	FALSE
0,133	0,282	0,002	0,008	0,122	FALSE
0,121	0,278	0,003	0,013	0,090	FALSE
-0,052	0,287	0,000	0,011	0,002	FALSE
0,107	0,292	0,003	0,010	0,105	FALSE
-0,012	0,285	0,001	0,008	0,055	FALSE
0,062	0,279	0,003	0,014	0,096	FALSE
0,118	0,275	0,002	0,007	0,117	FALSE
-0,027	0,282	-0,003	0,012	0,082	FALSE
0,010	0,275	0,001	0,009	0,056	FALSE
0,006	0,279	-0,002	0,008	0,071	FALSE
-0,022	0,285	0,001	0,011	0,024	FALSE
0,121	0,288	0,001	0,008	0,051	FALSE
-0,059	0,292	-0,001	0,012	0,032	FALSE
0,079	0,285	0,004	0,010	0,149	FALSE
-0,063	0,296	-0,001	0,012	0,031	FALSE
-0,011	0,285	-0,001	0,013	0,033	FALSE
0,050	0,289	0,000	0,012	0,011	FALSE
-0,048	0,294	-0,002	0,014	0,041	FALSE
-0,116	0,289	-0,003	0,009	0,148	FALSE
-0,094	0,292	-0,002	0,008	0,126	FALSE
0,121	0,284	0,005	0,010	0,225	FALSE
0,085	0,280	0,005	0,010	0,214	FALSE
0,094	0,283	0,003	0,013	0,080	FALSE
0,135	0,275	0,006	0,014	0,165	FALSE

-0,127	0,283	-0,003	0,007	0,149	FALSE
-0,106	0,289	-0,001	0,007	0,055	FALSE
0,073	0,289	0,003	0,008	0,147	FALSE
-0,152	0,287	-0,006	0,012	0,205	FALSE
0,018	0,284	-0,001	0,008	0,068	FALSE
0,020	0,286	0,002	0,008	0,079	FALSE
-0,095	0,292	-0,004	0,013	0,131	FALSE
0,022	0,296	0,000	0,011	0,007	FALSE
-0,078	0,282	-0,001	0,013	0,024	FALSE
-0,027	0,290	0,001	0,014	0,035	FALSE
-0,131	0,296	-0,003	0,010	0,111	FALSE
0,097	0,287	0,006	0,015	0,158	FALSE
0,019	0,272	0,001	0,009	0,027	FALSE
0,065	0,294	0,000	0,012	0,008	FALSE
-0,037	0,282	-0,003	0,014	0,082	FALSE
0,018	0,288	-0,001	0,013	0,020	FALSE
-0,091	0,283	-0,005	0,014	0,150	FALSE
-0,036	0,285	0,000	0,008	0,009	FALSE
0,133	0,277	0,004	0,011	0,129	FALSE
-0,039	0,282	-0,001	0,008	0,027	FALSE
0,115	0,267	0,003	0,011	0,120	FALSE
0,002	0,292	0,000	0,008	0,006	FALSE
-0,140	0,282	-0,003	0,008	0,148	FALSE
-0,170	0,270	-0,005	0,008	0,284	FALSE
0,119	0,289	0,005	0,015	0,140	FALSE
-0,145	0,289	-0,005	0,015	0,141	FALSE
0,023	0,303	0,002	0,014	0,056	FALSE
-0,119	0,273	-0,007	0,011	0,290	FALSE
-0,123	0,267	-0,003	0,009	0,134	FALSE
-0,180	0,283	-0,004	0,009	0,174	FALSE
0,115	0,286	0,004	0,015	0,108	FALSE
0,134	0,288	0,006	0,015	0,155	FALSE
-0,065	0,287	-0,001	0,012	0,045	FALSE
0,013	0,290	-0,001	0,014	0,020	FALSE
0,089	0,302	0,006	0,014	0,170	FALSE
0,070	0,280	0,002	0,011	0,078	FALSE
-0,015	0,288	0,000	0,015	0,003	FALSE
-0,011	0,280	-0,001	0,014	0,032	FALSE
0,111	0,268	0,003	0,014	0,090	FALSE
0,061	0,276	0,002	0,009	0,092	FALSE
-0,017	0,297	0,000	0,010	0,016	FALSE
-0,176	0,277	-0,004	0,009	0,182	FALSE
-0,116	0,273	-0,002	0,009	0,083	FALSE
-0,039	0,285	-0,002	0,015	0,044	FALSE
-0,098	0,285	-0,004	0,014	0,102	FALSE
-0,076	0,292	-0,003	0,014	0,073	FALSE
0,064	0,281	0,000	0,012	0,013	FALSE
-0,052	0,300	0,000	0,016	0,009	FALSE
-0,020	0,284	0,001	0,015	0,026	FALSE
0,059	0,285	0,000	0,014	0,008	FALSE
-0,129	0,292	-0,003	0,008	0,137	FALSE
-0,081	0,292	-0,002	0,010	0,067	FALSE
-0,042	0,287	0,000	0,009	0,005	FALSE

-0,014	0,280	0,000	0,008	0,011	FALSE
0,097	0,285	0,003	0,008	0,155	FALSE
0,077	0,292	0,003	0,015	0,067	FALSE
-0,078	0,287	-0,003	0,013	0,074	FALSE
0,132	0,296	0,005	0,015	0,125	FALSE
0,034	0,284	0,000	0,013	0,009	FALSE
-0,015	0,285	-0,001	0,010	0,043	FALSE
-0,019	0,294	-0,001	0,011	0,038	FALSE
-0,015	0,290	0,000	0,010	0,016	FALSE
0,058	0,279	0,004	0,013	0,113	FALSE
-0,086	0,278	-0,001	0,011	0,041	FALSE
-0,126	0,294	-0,003	0,011	0,108	FALSE
-0,050	0,301	-0,002	0,008	0,113	FALSE
-0,050	0,286	-0,003	0,008	0,119	FALSE
0,014	0,297	0,001	0,009	0,056	FALSE
0,002	0,293	0,000	0,010	0,010	FALSE
0,102	0,275	0,004	0,012	0,130	FALSE
0,037	0,286	0,002	0,013	0,052	FALSE
-0,119	0,288	-0,004	0,009	0,203	FALSE
0,104	0,276	0,002	0,008	0,114	FALSE
-0,002	0,280	-0,002	0,013	0,056	FALSE
-0,091	0,292	-0,005	0,014	0,137	FALSE
-0,208	0,281	-0,008	0,013	0,283	FALSE
-0,197	0,286	-0,008	0,013	0,262	FALSE
0,119	0,288	0,005	0,010	0,192	FALSE
0,109	0,295	0,004	0,010	0,147	FALSE
0,149	0,284	0,004	0,009	0,189	FALSE
0,019	0,287	0,002	0,015	0,054	FALSE
0,108	0,292	0,004	0,010	0,158	FALSE
0,122	0,285	0,004	0,010	0,170	FALSE
0,018	0,287	0,000	0,008	0,005	FALSE
0,115	0,291	0,003	0,010	0,133	FALSE
-0,066	0,285	-0,002	0,013	0,065	FALSE
0,100	0,298	0,004	0,014	0,098	FALSE
-0,059	0,299	-0,001	0,010	0,050	FALSE
-0,030	0,279	-0,002	0,010	0,059	FALSE
0,021	0,274	0,000	0,010	0,014	FALSE
0,057	0,284	0,004	0,014	0,097	FALSE
-0,005	0,280	0,000	0,010	0,007	FALSE
0,024	0,277	0,004	0,013	0,104	FALSE
-0,040	0,284	-0,003	0,013	0,098	FALSE
-0,110	0,276	-0,004	0,010	0,140	FALSE
-0,091	0,280	-0,001	0,008	0,060	FALSE
0,081	0,292	0,002	0,009	0,071	FALSE
-0,162	0,285	-0,005	0,013	0,160	FALSE
0,015	0,295	-0,001	0,011	0,019	FALSE
0,108	0,289	0,004	0,010	0,148	FALSE
-0,187	0,273	-0,007	0,012	0,270	FALSE
-0,066	0,282	-0,002	0,009	0,080	FALSE
0,093	0,284	0,004	0,010	0,172	FALSE
-0,114	0,276	-0,003	0,011	0,121	FALSE
0,232	0,279	0,009	0,014	0,261	FALSE
-0,127	0,288	-0,006	0,015	0,152	FALSE

0,095	0,299	0,002	0,009	0,097	FALSE
-0,193	0,281	-0,008	0,012	0,300	FALSE
0,028	0,281	0,002	0,011	0,074	FALSE
0,002	0,295	0,000	0,014	0,008	FALSE
0,043	0,308	0,001	0,015	0,021	FALSE
0,023	0,292	0,001	0,008	0,053	FALSE
0,032	0,290	0,002	0,015	0,051	FALSE
-0,014	0,307	0,001	0,014	0,024	FALSE
-0,010	0,273	0,000	0,014	0,004	FALSE
-0,157	0,278	-0,005	0,009	0,245	FALSE
-0,040	0,290	-0,002	0,010	0,080	FALSE
0,066	0,280	0,000	0,007	0,015	FALSE
0,116	0,287	0,006	0,011	0,216	FALSE
-0,101	0,287	-0,001	0,013	0,020	FALSE
0,095	0,289	0,003	0,008	0,126	FALSE
-0,018	0,285	0,000	0,008	0,006	FALSE
0,106	0,284	0,003	0,014	0,082	FALSE
-0,134	0,278	-0,003	0,015	0,066	FALSE
0,065	0,287	0,000	0,008	0,004	FALSE
-0,150	0,277	-0,005	0,014	0,135	FALSE
0,041	0,277	0,001	0,014	0,014	FALSE
0,103	0,288	0,002	0,007	0,102	FALSE
-0,082	0,297	-0,004	0,012	0,118	FALSE
-0,017	0,299	0,000	0,013	0,006	FALSE
-0,054	0,289	-0,002	0,012	0,053	FALSE
0,034	0,287	0,002	0,009	0,083	FALSE
-0,005	0,267	0,003	0,013	0,079	FALSE
0,092	0,302	0,004	0,008	0,203	FALSE
0,042	0,281	0,000	0,008	0,001	FALSE
0,029	0,299	0,001	0,015	0,037	FALSE
-0,063	0,289	-0,003	0,015	0,081	FALSE
0,205	0,286	0,006	0,008	0,315	FALSE
0,190	0,287	0,005	0,009	0,279	FALSE
0,091	0,269	0,003	0,013	0,103	FALSE
-0,015	0,288	-0,002	0,012	0,052	FALSE
0,061	0,295	0,000	0,007	0,020	FALSE
-0,082	0,278	-0,001	0,009	0,061	FALSE
0,107	0,278	0,007	0,014	0,215	FALSE
-0,145	0,271	-0,006	0,008	0,314	FALSE
0,176	0,283	0,009	0,012	0,310	FALSE
-0,055	0,285	-0,002	0,008	0,120	FALSE
-0,056	0,285	-0,002	0,008	0,123	FALSE
-0,048	0,299	-0,002	0,012	0,044	FALSE
-0,064	0,281	-0,002	0,012	0,066	FALSE
-0,119	0,282	-0,002	0,008	0,088	FALSE
0,166	0,269	0,009	0,014	0,286	FALSE
-0,118	0,295	-0,003	0,008	0,165	FALSE
0,014	0,287	0,001	0,008	0,045	FALSE
-0,014	0,274	0,001	0,010	0,036	FALSE
0,013	0,277	-0,001	0,007	0,035	FALSE
0,095	0,272	0,001	0,009	0,053	FALSE
0,047	0,287	0,002	0,010	0,069	FALSE
-0,193	0,285	-0,006	0,009	0,317	FALSE

0,103	0,291	0,003	0,008	0,137	FALSE
0,111	0,298	0,003	0,008	0,138	FALSE
0,064	0,276	0,002	0,008	0,110	FALSE
0,232	0,275	0,009	0,012	0,350	FALSE
-0,109	0,293	-0,002	0,009	0,104	FALSE
0,169	0,279	0,007	0,013	0,209	FALSE
0,073	0,294	0,003	0,014	0,080	FALSE
-0,059	0,277	-0,002	0,010	0,077	FALSE
-0,082	0,283	-0,001	0,010	0,053	FALSE
-0,032	0,282	-0,002	0,009	0,073	FALSE
-0,084	0,279	-0,003	0,012	0,080	FALSE
-0,042	0,297	-0,001	0,008	0,053	FALSE
0,038	0,285	0,000	0,007	0,013	FALSE
0,069	0,295	0,001	0,008	0,040	FALSE
0,042	0,303	0,001	0,009	0,035	FALSE
0,023	0,282	0,001	0,009	0,028	FALSE
-0,072	0,277	-0,002	0,012	0,072	FALSE
0,046	0,286	0,001	0,007	0,074	FALSE
0,026	0,291	0,001	0,007	0,041	FALSE
0,009	0,285	0,001	0,007	0,034	FALSE
0,034	0,290	0,001	0,007	0,053	FALSE
0,011	0,288	0,001	0,007	0,026	FALSE
0,013	0,278	0,001	0,009	0,022	FALSE
0,152	0,281	0,006	0,013	0,185	FALSE
-0,009	0,288	0,001	0,008	0,047	FALSE
-0,019	0,291	0,001	0,008	0,043	FALSE
-0,036	0,301	-0,002	0,013	0,059	FALSE
-0,115	0,278	-0,004	0,014	0,118	FALSE
0,087	0,284	0,003	0,014	0,072	FALSE
-0,067	0,296	-0,001	0,007	0,060	FALSE
0,052	0,292	0,002	0,014	0,063	FALSE
-0,063	0,300	-0,002	0,009	0,074	FALSE
0,074	0,282	0,003	0,012	0,102	FALSE
0,027	0,290	0,001	0,009	0,040	FALSE
0,081	0,277	0,002	0,009	0,100	FALSE
-0,046	0,282	-0,002	0,010	0,085	FALSE
-0,051	0,293	-0,002	0,010	0,085	FALSE
-0,055	0,274	-0,004	0,014	0,107	FALSE
0,003	0,287	0,000	0,011	0,013	FALSE
0,004	0,285	0,001	0,010	0,022	FALSE
0,139	0,272	0,006	0,009	0,272	FALSE
0,062	0,297	0,001	0,011	0,032	FALSE
0,083	0,278	0,002	0,014	0,052	FALSE
0,122	0,282	0,003	0,007	0,181	FALSE
-0,131	0,263	-0,005	0,008	0,242	FALSE
0,259	0,274	0,011	0,014	0,374	FALSE
-0,059	0,298	0,001	0,011	0,019	FALSE
-0,037	0,281	0,000	0,013	0,004	FALSE
0,067	0,281	0,001	0,010	0,049	FALSE
-0,093	0,287	-0,003	0,011	0,100	FALSE
0,017	0,291	0,002	0,013	0,043	FALSE
0,013	0,296	0,001	0,012	0,037	FALSE
0,117	0,289	0,004	0,015	0,117	FALSE

0,125	0,294	0,004	0,015	0,108	FALSE
0,044	0,269	0,002	0,014	0,041	FALSE
0,045	0,295	0,002	0,015	0,041	FALSE
0,085	0,268	0,004	0,012	0,128	FALSE
-0,135	0,289	-0,003	0,008	0,170	FALSE
0,117	0,287	0,005	0,015	0,125	FALSE
-0,020	0,284	-0,001	0,010	0,018	FALSE
0,037	0,296	0,002	0,012	0,070	FALSE
-0,088	0,296	-0,001	0,008	0,065	FALSE
-0,080	0,284	-0,002	0,008	0,096	FALSE
-0,121	0,287	-0,004	0,014	0,111	FALSE
-0,061	0,299	-0,004	0,015	0,104	FALSE
0,036	0,289	0,001	0,012	0,037	FALSE
-0,003	0,294	0,000	0,008	0,015	FALSE
0,051	0,285	0,000	0,009	0,007	FALSE
0,037	0,293	0,001	0,014	0,036	FALSE
-0,118	0,282	-0,003	0,009	0,127	FALSE
-0,015	0,292	-0,001	0,009	0,046	FALSE
0,042	0,274	-0,001	0,014	0,015	FALSE
-0,244	0,283	-0,009	0,011	0,385	FALSE
0,309	0,268	0,010	0,010	0,496	FALSE
-0,195	0,261	-0,008	0,014	0,252	FALSE
-0,012	0,292	-0,001	0,010	0,032	FALSE
-0,026	0,271	-0,001	0,009	0,052	FALSE
-0,040	0,297	-0,001	0,009	0,034	FALSE
0,013	0,303	0,000	0,009	0,010	FALSE
0,046	0,293	0,002	0,009	0,096	FALSE
0,131	0,294	0,006	0,014	0,159	FALSE
0,070	0,275	0,002	0,008	0,081	FALSE
0,005	0,294	0,001	0,014	0,019	FALSE
0,043	0,291	0,003	0,009	0,131	FALSE
0,062	0,280	0,003	0,015	0,063	FALSE
-0,263	0,286	-0,006	0,008	0,378	FALSE
-0,111	0,296	-0,006	0,015	0,166	FALSE
-0,133	0,282	-0,007	0,014	0,218	FALSE
-0,123	0,276	-0,007	0,014	0,209	FALSE
-0,104	0,279	-0,006	0,015	0,178	FALSE
-0,087	0,281	-0,001	0,009	0,060	FALSE
0,014	0,281	0,001	0,015	0,031	FALSE
-0,005	0,289	0,001	0,008	0,056	FALSE
0,085	0,276	0,005	0,014	0,142	FALSE
-0,102	0,277	-0,006	0,014	0,183	FALSE
-0,114	0,262	-0,006	0,012	0,203	FALSE
-0,128	0,277	-0,007	0,013	0,208	FALSE
-0,117	0,297	-0,007	0,014	0,196	FALSE
0,051	0,280	0,004	0,015	0,090	FALSE
-0,006	0,276	0,000	0,014	0,011	FALSE
0,009	0,274	0,001	0,015	0,028	FALSE
0,082	0,283	0,003	0,015	0,064	FALSE
0,066	0,296	0,003	0,009	0,104	FALSE
-0,073	0,283	0,000	0,014	0,004	FALSE
-0,028	0,272	0,002	0,011	0,059	FALSE
0,047	0,284	0,000	0,008	0,014	FALSE

-0,042	0,288	0,001	0,014	0,013	FALSE
0,007	0,289	-0,002	0,012	0,073	FALSE
0,004	0,281	-0,001	0,012	0,036	FALSE
0,047	0,291	0,001	0,012	0,024	FALSE
0,053	0,283	0,003	0,014	0,085	FALSE
0,043	0,289	0,003	0,012	0,083	FALSE
0,152	0,272	0,005	0,010	0,210	FALSE
0,077	0,301	0,002	0,009	0,092	FALSE
0,069	0,294	0,002	0,009	0,072	FALSE
-0,128	0,287	-0,003	0,008	0,177	FALSE
-0,143	0,273	-0,004	0,013	0,111	FALSE
-0,175	0,281	-0,006	0,010	0,261	FALSE
0,224	0,284	0,005	0,009	0,236	FALSE
-0,202	0,293	-0,007	0,010	0,337	FALSE
0,230	0,273	0,012	0,014	0,404	FALSE
-0,019	0,286	-0,004	0,013	0,107	FALSE
0,035	0,289	0,001	0,011	0,022	FALSE
-0,059	0,293	-0,002	0,014	0,065	FALSE
0,137	0,277	0,005	0,011	0,174	FALSE
-0,028	0,293	-0,001	0,011	0,018	FALSE
-0,172	0,290	-0,007	0,015	0,188	FALSE
0,026	0,290	0,000	0,013	0,003	FALSE
0,081	0,285	0,001	0,009	0,046	FALSE
0,124	0,274	0,005	0,011	0,170	FALSE
-0,008	0,285	-0,001	0,012	0,014	FALSE
0,025	0,276	0,001	0,009	0,040	FALSE
-0,062	0,284	-0,003	0,011	0,106	FALSE
0,006	0,278	-0,001	0,007	0,049	FALSE
-0,015	0,294	0,001	0,007	0,046	FALSE
-0,036	0,277	0,001	0,013	0,036	FALSE
0,061	0,280	0,001	0,011	0,017	FALSE
0,081	0,294	0,005	0,010	0,187	FALSE
0,036	0,301	0,000	0,008	0,023	FALSE
-0,074	0,281	-0,002	0,008	0,115	FALSE
0,027	0,286	0,001	0,014	0,032	FALSE
-0,044	0,298	-0,003	0,012	0,094	FALSE
-0,258	0,263	-0,006	0,008	0,383	FALSE
0,077	0,288	0,001	0,010	0,048	FALSE
-0,046	0,291	-0,004	0,014	0,096	FALSE
-0,142	0,285	-0,007	0,012	0,235	FALSE
-0,071	0,300	-0,003	0,014	0,067	FALSE
0,139	0,283	0,005	0,014	0,150	FALSE
-0,074	0,288	-0,004	0,011	0,130	FALSE
0,045	0,277	0,003	0,010	0,136	FALSE
-0,057	0,267	-0,003	0,011	0,098	FALSE
0,082	0,283	0,002	0,008	0,109	FALSE
-0,070	0,288	-0,003	0,010	0,100	FALSE
-0,079	0,285	-0,004	0,012	0,136	FALSE
-0,051	0,273	-0,004	0,012	0,123	FALSE
0,033	0,285	0,002	0,010	0,064	FALSE
0,062	0,294	0,003	0,015	0,068	FALSE
0,052	0,283	0,002	0,009	0,068	FALSE
-0,032	0,279	-0,002	0,015	0,050	FALSE

0,033	0,297	0,001	0,009	0,027	FALSE
0,027	0,291	0,001	0,009	0,023	FALSE
0,016	0,287	0,000	0,009	0,014	FALSE
-0,196	0,277	-0,008	0,014	0,242	FALSE
-0,098	0,283	-0,003	0,007	0,160	FALSE
-0,210	0,268	-0,009	0,013	0,296	FALSE
-0,085	0,271	-0,002	0,012	0,062	FALSE
-0,029	0,288	0,000	0,008	0,001	FALSE
-0,147	0,289	-0,007	0,015	0,208	FALSE
-0,016	0,289	0,000	0,013	0,011	FALSE
0,033	0,299	0,001	0,010	0,033	FALSE
-0,208	0,283	-0,004	0,007	0,259	FALSE
-0,058	0,297	-0,001	0,010	0,041	FALSE
-0,152	0,285	-0,004	0,009	0,165	FALSE
0,044	0,286	0,000	0,012	0,006	FALSE
-0,196	0,284	-0,005	0,012	0,175	FALSE
0,139	0,287	0,004	0,008	0,205	FALSE
-0,209	0,268	-0,010	0,015	0,294	FALSE
-0,060	0,291	-0,001	0,012	0,042	FALSE
0,002	0,295	0,002	0,013	0,043	FALSE
0,069	0,282	0,004	0,015	0,114	FALSE
0,124	0,285	0,005	0,010	0,181	FALSE
0,149	0,279	0,005	0,010	0,210	FALSE
0,110	0,295	0,005	0,012	0,166	FALSE
0,081	0,280	0,003	0,011	0,107	FALSE
-0,015	0,291	0,000	0,009	0,017	FALSE
0,011	0,286	0,000	0,008	0,008	FALSE
0,112	0,277	0,004	0,010	0,172	FALSE
0,073	0,284	0,003	0,010	0,115	FALSE
0,081	0,288	0,002	0,010	0,077	FALSE
0,063	0,284	0,002	0,009	0,101	FALSE
0,031	0,300	0,001	0,011	0,030	FALSE
-0,005	0,276	0,002	0,014	0,041	FALSE
0,056	0,280	0,003	0,013	0,087	FALSE
0,152	0,278	0,010	0,014	0,317	FALSE
-0,081	0,291	-0,001	0,011	0,038	FALSE
0,019	0,271	0,001	0,009	0,024	FALSE
-0,083	0,289	-0,001	0,010	0,027	FALSE
0,025	0,289	0,000	0,013	0,003	FALSE
0,002	0,289	0,000	0,009	0,018	FALSE
0,013	0,293	-0,002	0,014	0,041	FALSE
-0,050	0,297	-0,001	0,015	0,029	FALSE
-0,153	0,287	-0,003	0,008	0,175	FALSE
-0,159	0,282	-0,003	0,008	0,182	FALSE
-0,061	0,287	-0,002	0,015	0,038	FALSE
-0,096	0,299	-0,004	0,014	0,110	FALSE
0,030	0,287	0,004	0,014	0,113	FALSE
-0,059	0,297	-0,001	0,010	0,054	FALSE
-0,085	0,290	-0,002	0,009	0,088	FALSE
-0,026	0,299	-0,001	0,011	0,034	FALSE
-0,039	0,303	-0,002	0,011	0,065	FALSE
-0,020	0,308	-0,001	0,011	0,024	FALSE
-0,020	0,295	-0,001	0,011	0,038	FALSE

-0,070	0,283	-0,004	0,014	0,123	FALSE
-0,019	0,292	-0,002	0,015	0,043	FALSE
0,224	0,277	0,010	0,013	0,343	FALSE
0,238	0,258	0,010	0,012	0,392	FALSE
0,210	0,279	0,006	0,011	0,213	FALSE
0,118	0,281	0,003	0,011	0,108	FALSE
0,089	0,278	0,001	0,013	0,038	FALSE
0,132	0,269	0,008	0,012	0,328	FALSE
0,000	0,276	0,000	0,011	0,011	FALSE
-0,028	0,280	-0,001	0,011	0,038	FALSE
-0,040	0,288	-0,002	0,012	0,064	FALSE
-0,061	0,302	-0,001	0,008	0,043	FALSE
-0,080	0,292	-0,002	0,013	0,054	FALSE
0,040	0,290	0,001	0,011	0,025	FALSE
-0,068	0,279	-0,004	0,010	0,137	FALSE
0,018	0,273	0,000	0,011	0,001	FALSE
0,012	0,290	0,000	0,012	0,010	FALSE
-0,097	0,277	-0,002	0,008	0,076	FALSE
0,078	0,262	0,003	0,014	0,089	FALSE
0,103	0,268	0,004	0,014	0,109	FALSE
0,027	0,274	0,000	0,014	0,009	FALSE
0,170	0,282	0,008	0,014	0,238	FALSE
0,302	0,261	0,010	0,011	0,406	FALSE
0,204	0,285	0,007	0,014	0,227	FALSE
-0,056	0,294	-0,001	0,008	0,025	FALSE
0,079	0,283	0,000	0,008	0,000	FALSE
-0,111	0,284	-0,002	0,014	0,054	FALSE
-0,022	0,268	0,000	0,008	0,007	FALSE
-0,053	0,283	0,001	0,007	0,027	FALSE
-0,101	0,299	-0,001	0,009	0,032	FALSE
-0,168	0,292	-0,009	0,015	0,249	FALSE
0,009	0,286	0,002	0,008	0,072	FALSE
-0,138	0,300	-0,005	0,015	0,133	FALSE
-0,109	0,293	-0,003	0,010	0,127	FALSE
0,035	0,299	0,000	0,009	0,001	FALSE
-0,048	0,290	-0,003	0,015	0,067	FALSE
0,021	0,287	0,001	0,008	0,027	FALSE
0,014	0,281	-0,001	0,008	0,030	FALSE
-0,113	0,287	-0,002	0,010	0,070	FALSE
-0,043	0,283	0,000	0,014	0,011	FALSE
0,005	0,270	0,001	0,012	0,025	FALSE
0,019	0,300	0,001	0,008	0,031	FALSE
0,106	0,284	0,004	0,013	0,124	FALSE
-0,180	0,288	-0,007	0,014	0,212	FALSE
0,075	0,284	0,000	0,015	0,006	FALSE
0,041	0,293	0,001	0,010	0,023	FALSE
0,055	0,279	0,000	0,010	0,016	FALSE
0,039	0,283	0,003	0,012	0,094	FALSE
-0,146	0,288	-0,004	0,010	0,170	FALSE
0,022	0,298	0,000	0,011	0,008	FALSE
0,141	0,295	0,007	0,013	0,244	FALSE
0,094	0,276	0,004	0,010	0,172	FALSE
-0,137	0,288	-0,007	0,015	0,192	FALSE

0,021	0,279	0,000	0,014	0,004	FALSE
0,056	0,292	0,002	0,015	0,055	FALSE
0,007	0,294	0,001	0,014	0,017	FALSE
0,001	0,288	-0,001	0,012	0,039	FALSE
0,099	0,281	0,002	0,012	0,064	FALSE
0,084	0,274	0,005	0,014	0,129	FALSE
0,073	0,295	0,003	0,009	0,123	FALSE
0,021	0,271	0,001	0,013	0,035	FALSE
0,160	0,284	0,004	0,014	0,106	FALSE
-0,150	0,285	-0,004	0,011	0,125	FALSE
-0,110	0,290	-0,002	0,012	0,046	FALSE
0,067	0,294	0,002	0,008	0,115	FALSE
-0,110	0,292	-0,003	0,014	0,074	FALSE
-0,062	0,289	-0,003	0,012	0,113	FALSE
0,032	0,299	0,002	0,009	0,094	FALSE
-0,025	0,283	0,000	0,009	0,008	FALSE
-0,024	0,274	0,000	0,008	0,012	FALSE
-0,066	0,287	-0,001	0,009	0,030	FALSE
0,035	0,282	0,000	0,007	0,005	FALSE
0,108	0,282	0,003	0,014	0,086	FALSE
-0,164	0,279	-0,004	0,011	0,156	FALSE
-0,064	0,285	0,000	0,008	0,011	FALSE
-0,027	0,276	-0,002	0,009	0,089	FALSE
-0,029	0,290	0,000	0,012	0,008	FALSE
0,002	0,289	0,001	0,011	0,026	FALSE
-0,005	0,294	0,001	0,012	0,026	FALSE
0,020	0,299	0,001	0,011	0,041	FALSE
-0,157	0,285	-0,004	0,008	0,189	FALSE
0,008	0,288	0,001	0,011	0,021	FALSE
-0,029	0,280	-0,003	0,011	0,117	FALSE
0,052	0,276	0,000	0,009	0,014	FALSE
-0,037	0,283	-0,001	0,010	0,026	FALSE
0,118	0,299	0,003	0,008	0,149	FALSE
0,003	0,270	0,002	0,012	0,055	FALSE
-0,006	0,287	0,002	0,013	0,051	FALSE
-0,005	0,284	-0,002	0,013	0,058	FALSE
0,058	0,288	-0,001	0,015	0,019	FALSE
0,059	0,273	0,002	0,008	0,075	FALSE
-0,012	0,287	-0,001	0,011	0,028	FALSE
-0,058	0,285	-0,001	0,008	0,069	FALSE
-0,015	0,273	-0,002	0,010	0,055	FALSE
-0,021	0,297	-0,003	0,014	0,077	FALSE
-0,094	0,278	-0,003	0,008	0,161	FALSE
-0,098	0,289	-0,002	0,008	0,089	FALSE
0,179	0,294	0,008	0,014	0,241	FALSE
-0,002	0,292	-0,001	0,008	0,053	FALSE
0,107	0,283	0,005	0,015	0,133	FALSE
0,021	0,283	0,001	0,013	0,036	FALSE
0,120	0,268	0,001	0,008	0,072	FALSE
0,177	0,280	0,004	0,010	0,173	FALSE
0,069	0,296	0,003	0,013	0,077	FALSE
0,015	0,291	-0,002	0,009	0,083	FALSE
0,078	0,308	0,003	0,008	0,140	FALSE

0,088	0,292	0,002	0,014	0,044	FALSE
-0,013	0,290	-0,002	0,014	0,057	FALSE
-0,043	0,297	0,000	0,007	0,003	FALSE
0,058	0,273	-0,001	0,008	0,034	FALSE
0,104	0,293	0,005	0,014	0,156	FALSE
0,097	0,277	0,003	0,009	0,114	FALSE
-0,054	0,284	-0,002	0,008	0,125	FALSE
0,041	0,284	0,000	0,009	0,003	FALSE
-0,051	0,279	-0,003	0,014	0,095	FALSE
-0,068	0,286	-0,004	0,014	0,113	FALSE
-0,089	0,276	-0,005	0,013	0,149	FALSE
-0,025	0,281	-0,003	0,010	0,100	FALSE
0,073	0,276	0,001	0,009	0,035	FALSE
-0,103	0,293	-0,005	0,010	0,217	FALSE
0,119	0,265	0,004	0,013	0,111	FALSE
-0,049	0,289	-0,004	0,014	0,115	FALSE
-0,128	0,297	-0,004	0,010	0,160	FALSE
-0,021	0,284	-0,001	0,008	0,029	FALSE
-0,190	0,277	-0,007	0,014	0,204	FALSE
0,098	0,289	0,003	0,008	0,152	FALSE
0,013	0,280	-0,001	0,008	0,056	FALSE
-0,042	0,295	-0,002	0,012	0,070	FALSE
-0,132	0,282	-0,004	0,013	0,131	FALSE
-0,108	0,290	-0,001	0,008	0,048	FALSE
-0,074	0,295	-0,002	0,009	0,062	FALSE
-0,129	0,279	-0,004	0,008	0,209	FALSE
0,117	0,305	0,005	0,011	0,174	FALSE
0,058	0,280	0,002	0,010	0,082	FALSE
0,162	0,279	0,008	0,012	0,308	FALSE
0,111	0,291	0,006	0,013	0,194	FALSE
-0,003	0,281	0,001	0,014	0,034	FALSE
0,002	0,272	0,002	0,013	0,043	FALSE
-0,164	0,282	-0,004	0,010	0,174	FALSE
-0,067	0,274	-0,003	0,008	0,131	FALSE
-0,012	0,295	0,000	0,010	0,001	FALSE
-0,028	0,284	-0,001	0,010	0,040	FALSE
-0,094	0,273	-0,002	0,010	0,066	FALSE
0,010	0,272	0,003	0,010	0,098	FALSE
-0,031	0,287	-0,001	0,010	0,045	FALSE
-0,082	0,288	-0,003	0,013	0,091	FALSE
-0,060	0,283	-0,002	0,015	0,037	FALSE
-0,033	0,284	-0,001	0,011	0,026	FALSE
0,067	0,281	0,001	0,010	0,034	FALSE
-0,073	0,294	-0,001	0,007	0,052	FALSE
-0,050	0,292	-0,001	0,007	0,035	FALSE
0,109	0,277	0,003	0,009	0,157	FALSE
0,110	0,277	0,003	0,008	0,154	FALSE
0,092	0,284	0,003	0,009	0,123	FALSE
0,138	0,279	0,005	0,013	0,137	FALSE
-0,003	0,299	0,001	0,015	0,024	FALSE
0,135	0,288	0,003	0,009	0,131	FALSE
-0,046	0,292	0,000	0,013	0,012	FALSE
-0,159	0,276	-0,009	0,014	0,261	FALSE

-0,105	0,288	-0,003	0,010	0,112	FALSE
-0,244	0,277	-0,011	0,012	0,435	FALSE
-0,163	0,287	-0,003	0,010	0,102	FALSE
0,005	0,276	0,002	0,012	0,049	FALSE
0,041	0,287	0,002	0,014	0,046	FALSE
-0,071	0,290	-0,001	0,010	0,053	FALSE
-0,029	0,274	-0,001	0,011	0,042	FALSE
-0,174	0,294	-0,006	0,009	0,255	FALSE
-0,031	0,277	0,000	0,013	0,006	FALSE
-0,060	0,292	-0,001	0,014	0,023	FALSE
-0,118	0,303	-0,004	0,010	0,139	FALSE
-0,064	0,268	0,000	0,008	0,018	FALSE
-0,072	0,281	-0,002	0,010	0,075	FALSE
-0,141	0,286	-0,004	0,010	0,187	FALSE
-0,020	0,287	0,000	0,014	0,001	FALSE
-0,090	0,282	-0,003	0,009	0,133	FALSE
0,129	0,289	0,007	0,015	0,201	FALSE
0,024	0,282	0,000	0,010	0,011	FALSE
0,025	0,285	0,001	0,008	0,032	FALSE
0,114	0,295	0,003	0,008	0,148	FALSE
-0,086	0,288	-0,001	0,007	0,040	FALSE
0,045	0,275	0,000	0,013	0,001	FALSE
-0,045	0,282	-0,003	0,011	0,096	FALSE
0,019	0,279	0,003	0,011	0,087	FALSE
0,140	0,275	0,006	0,014	0,175	FALSE
0,006	0,284	-0,001	0,009	0,027	FALSE
-0,140	0,289	-0,006	0,013	0,193	FALSE
-0,057	0,282	-0,004	0,014	0,126	FALSE
0,027	0,297	0,001	0,011	0,040	FALSE
-0,001	0,288	0,003	0,013	0,097	FALSE
-0,095	0,290	-0,001	0,010	0,035	FALSE
0,076	0,288	0,002	0,008	0,085	FALSE
-0,068	0,283	-0,005	0,014	0,135	FALSE
-0,166	0,272	-0,005	0,010	0,211	FALSE
-0,055	0,273	-0,003	0,013	0,104	FALSE
0,112	0,292	0,006	0,014	0,194	FALSE
-0,208	0,288	-0,010	0,015	0,287	FALSE
-0,245	0,289	-0,007	0,009	0,366	FALSE
0,063	0,292	0,001	0,008	0,033	FALSE
-0,025	0,299	-0,003	0,014	0,071	FALSE
-0,181	0,278	-0,005	0,013	0,177	FALSE
0,121	0,294	0,005	0,007	0,293	FALSE
0,147	0,273	0,005	0,012	0,176	FALSE
0,041	0,277	0,003	0,015	0,086	FALSE
0,010	0,286	0,000	0,010	0,007	FALSE
-0,123	0,289	-0,004	0,008	0,216	FALSE
-0,163	0,273	-0,004	0,008	0,197	FALSE
-0,066	0,283	-0,004	0,014	0,101	FALSE
-0,042	0,290	-0,002	0,011	0,063	FALSE
-0,032	0,288	-0,002	0,008	0,100	FALSE
-0,053	0,278	-0,003	0,008	0,143	FALSE
-0,184	0,277	-0,007	0,013	0,227	FALSE
-0,085	0,276	-0,001	0,009	0,048	FALSE

-0,079	0,288	-0,002	0,007	0,102	FALSE
-0,086	0,265	-0,002	0,014	0,066	FALSE
0,127	0,289	0,006	0,015	0,147	FALSE
-0,016	0,299	0,000	0,012	0,005	FALSE
-0,081	0,278	-0,004	0,008	0,217	FALSE
-0,035	0,296	-0,001	0,010	0,026	FALSE
0,001	0,297	0,001	0,008	0,037	FALSE
-0,021	0,302	-0,001	0,009	0,040	FALSE
0,051	0,283	0,001	0,011	0,041	FALSE
-0,008	0,295	-0,001	0,015	0,012	FALSE
0,004	0,297	-0,001	0,013	0,017	FALSE
0,025	0,293	0,000	0,012	0,005	FALSE
-0,020	0,297	0,000	0,008	0,008	FALSE
0,024	0,281	0,000	0,009	0,007	FALSE
0,017	0,290	0,000	0,010	0,001	FALSE
0,129	0,286	0,002	0,013	0,067	FALSE
0,091	0,289	0,002	0,007	0,122	FALSE
-0,059	0,279	0,000	0,014	0,006	FALSE
-0,163	0,283	-0,004	0,010	0,177	FALSE
0,076	0,273	0,005	0,012	0,182	FALSE
0,100	0,280	0,005	0,014	0,127	FALSE
-0,169	0,283	-0,007	0,013	0,224	FALSE
-0,255	0,271	-0,009	0,012	0,361	FALSE
0,027	0,293	0,001	0,008	0,060	FALSE
-0,075	0,280	-0,005	0,013	0,162	FALSE
-0,133	0,276	-0,004	0,009	0,155	FALSE
0,008	0,286	0,001	0,008	0,024	FALSE
-0,118	0,270	-0,005	0,014	0,157	FALSE
-0,098	0,289	-0,005	0,014	0,145	FALSE
-0,086	0,282	-0,005	0,014	0,133	FALSE
-0,079	0,281	-0,003	0,009	0,114	FALSE
0,050	0,262	0,006	0,013	0,178	FALSE
0,003	0,268	0,004	0,013	0,107	FALSE
0,104	0,287	0,007	0,014	0,212	FALSE
0,113	0,285	0,006	0,014	0,179	FALSE
-0,085	0,275	-0,001	0,009	0,052	FALSE
0,014	0,278	0,003	0,014	0,085	FALSE
0,129	0,280	0,003	0,010	0,103	FALSE
-0,026	0,296	-0,001	0,012	0,026	FALSE
0,060	0,305	0,002	0,014	0,043	FALSE
-0,070	0,288	-0,001	0,008	0,049	FALSE
0,080	0,288	0,002	0,009	0,098	FALSE
0,091	0,286	0,006	0,013	0,177	FALSE
0,076	0,284	0,003	0,007	0,142	FALSE
0,086	0,271	0,003	0,007	0,173	FALSE
0,123	0,298	0,003	0,008	0,134	FALSE
-0,015	0,275	-0,001	0,008	0,031	FALSE
0,072	0,270	0,001	0,012	0,042	FALSE
-0,026	0,300	-0,001	0,014	0,032	FALSE
0,040	0,285	0,001	0,009	0,031	FALSE
-0,185	0,269	-0,004	0,008	0,217	FALSE
0,092	0,293	0,002	0,009	0,100	FALSE
-0,014	0,293	-0,001	0,009	0,030	FALSE

-0,032	0,296	0,000	0,008	0,001	FALSE
-0,107	0,278	-0,003	0,008	0,171	FALSE
-0,066	0,288	-0,002	0,012	0,074	FALSE
-0,069	0,288	0,000	0,007	0,006	FALSE
0,077	0,286	0,002	0,014	0,051	FALSE
-0,196	0,274	-0,008	0,012	0,292	FALSE
0,129	0,271	0,003	0,010	0,119	FALSE
0,079	0,295	0,002	0,013	0,047	FALSE
0,080	0,286	0,002	0,008	0,093	FALSE
0,029	0,284	-0,002	0,012	0,045	FALSE
-0,054	0,273	-0,006	0,013	0,193	FALSE
0,104	0,292	0,002	0,009	0,088	FALSE
-0,052	0,291	-0,003	0,015	0,069	FALSE
0,119	0,297	0,003	0,011	0,104	FALSE
-0,107	0,283	-0,002	0,008	0,105	FALSE
-0,066	0,280	-0,001	0,007	0,029	FALSE
-0,045	0,299	-0,002	0,011	0,059	FALSE
0,106	0,293	0,006	0,013	0,167	FALSE
-0,018	0,283	0,000	0,009	0,019	FALSE
0,087	0,295	0,003	0,015	0,073	FALSE
-0,009	0,289	0,000	0,009	0,012	FALSE
-0,003	0,282	0,000	0,009	0,002	FALSE
-0,092	0,300	-0,002	0,008	0,074	FALSE
-0,090	0,280	-0,001	0,007	0,059	FALSE
0,078	0,275	0,002	0,014	0,041	FALSE
-0,029	0,286	-0,002	0,015	0,038	FALSE
-0,058	0,301	-0,003	0,015	0,068	FALSE
0,106	0,280	0,004	0,010	0,138	FALSE
0,135	0,292	0,006	0,015	0,173	FALSE
0,053	0,274	0,002	0,011	0,053	FALSE
-0,056	0,286	-0,003	0,009	0,118	FALSE
0,007	0,282	0,001	0,011	0,036	FALSE
-0,070	0,289	-0,002	0,010	0,083	FALSE
-0,077	0,288	-0,002	0,010	0,084	FALSE
0,017	0,292	0,001	0,008	0,063	FALSE
-0,042	0,279	-0,002	0,011	0,081	FALSE
-0,089	0,298	-0,001	0,008	0,060	FALSE
0,142	0,271	0,007	0,012	0,250	FALSE
0,059	0,289	-0,001	0,014	0,019	FALSE
0,129	0,282	0,003	0,013	0,086	FALSE
0,045	0,275	0,001	0,007	0,054	FALSE
-0,008	0,284	-0,002	0,014	0,059	FALSE
0,155	0,286	0,003	0,007	0,160	FALSE
-0,092	0,298	-0,004	0,015	0,101	FALSE
0,020	0,284	0,000	0,014	0,003	FALSE
-0,007	0,290	-0,001	0,014	0,025	FALSE
0,046	0,278	0,000	0,012	0,013	FALSE
0,024	0,280	0,001	0,014	0,021	FALSE
-0,006	0,295	-0,001	0,015	0,018	FALSE
0,232	0,274	0,005	0,007	0,301	FALSE
-0,012	0,285	0,000	0,011	0,008	FALSE
0,054	0,288	0,001	0,014	0,015	FALSE
-0,044	0,278	0,000	0,008	0,009	FALSE

0,107	0,297	0,002	0,008	0,069	FALSE
-0,010	0,295	0,000	0,015	0,011	FALSE
-0,017	0,293	-0,001	0,012	0,027	FALSE
-0,145	0,269	-0,006	0,012	0,194	FALSE
0,044	0,289	0,001	0,010	0,049	FALSE
0,130	0,285	0,004	0,008	0,204	FALSE
0,060	0,292	0,002	0,010	0,067	FALSE
0,024	0,289	0,002	0,009	0,093	FALSE
-0,132	0,277	-0,005	0,014	0,133	FALSE
-0,017	0,290	0,001	0,009	0,030	FALSE
-0,082	0,283	-0,006	0,015	0,152	FALSE
-0,185	0,273	-0,007	0,011	0,289	FALSE
0,027	0,295	0,001	0,012	0,040	FALSE
0,054	0,285	0,005	0,014	0,124	FALSE
0,087	0,280	0,005	0,014	0,148	FALSE
0,186	0,282	0,008	0,012	0,284	FALSE
0,109	0,288	0,004	0,010	0,169	FALSE
0,041	0,290	0,002	0,011	0,076	FALSE
0,091	0,283	0,005	0,015	0,123	FALSE
-0,062	0,284	-0,003	0,012	0,085	FALSE
0,075	0,286	0,002	0,009	0,093	FALSE
-0,049	0,288	0,000	0,013	0,001	FALSE
-0,056	0,293	-0,003	0,010	0,128	FALSE
0,026	0,275	-0,001	0,014	0,027	FALSE
0,087	0,293	0,001	0,008	0,069	FALSE
0,022	0,288	0,001	0,008	0,044	FALSE
-0,027	0,291	-0,002	0,010	0,069	FALSE
-0,164	0,281	-0,007	0,010	0,314	FALSE
0,128	0,288	0,002	0,010	0,068	FALSE
0,002	0,292	-0,002	0,011	0,063	FALSE
-0,008	0,296	0,001	0,010	0,046	FALSE
0,112	0,295	0,002	0,010	0,092	FALSE
-0,080	0,273	-0,006	0,013	0,175	FALSE
-0,127	0,294	-0,005	0,015	0,122	FALSE
0,172	0,272	0,008	0,013	0,242	FALSE
-0,060	0,290	-0,002	0,011	0,063	FALSE
0,025	0,304	0,000	0,011	0,002	FALSE
0,115	0,297	0,002	0,009	0,077	FALSE
0,080	0,279	0,002	0,009	0,104	FALSE
-0,079	0,294	-0,002	0,009	0,097	FALSE
0,088	0,291	0,002	0,011	0,085	FALSE
-0,151	0,276	-0,006	0,012	0,225	FALSE
0,021	0,274	0,002	0,014	0,056	FALSE
-0,096	0,279	-0,003	0,009	0,151	FALSE
0,059	0,287	0,001	0,009	0,022	FALSE
-0,222	0,271	-0,004	0,007	0,249	FALSE
-0,027	0,291	-0,001	0,014	0,037	FALSE
-0,129	0,281	-0,004	0,012	0,146	FALSE
0,118	0,277	0,005	0,010	0,200	FALSE
0,020	0,296	0,001	0,007	0,030	FALSE
0,081	0,279	0,004	0,012	0,141	FALSE
-0,156	0,281	-0,007	0,012	0,262	FALSE
-0,193	0,272	-0,009	0,014	0,300	FALSE

-0,017	0,286	0,000	0,008	0,004	FALSE
-0,193	0,271	-0,004	0,007	0,225	FALSE
-0,090	0,280	-0,002	0,012	0,054	FALSE
-0,052	0,285	-0,001	0,009	0,043	FALSE
-0,058	0,281	-0,001	0,011	0,037	FALSE
-0,078	0,286	-0,004	0,010	0,153	FALSE
0,026	0,280	0,000	0,009	0,009	FALSE
-0,026	0,301	-0,001	0,015	0,015	FALSE
-0,026	0,292	-0,001	0,015	0,023	FALSE
-0,109	0,279	-0,005	0,013	0,139	FALSE
-0,080	0,294	-0,002	0,012	0,076	FALSE
0,013	0,287	0,000	0,012	0,010	FALSE
-0,162	0,278	-0,004	0,010	0,187	FALSE
-0,129	0,282	-0,004	0,010	0,156	FALSE
0,055	0,289	0,004	0,015	0,101	FALSE
-0,013	0,287	0,001	0,007	0,039	FALSE
-0,171	0,292	-0,004	0,009	0,189	FALSE
-0,012	0,293	-0,001	0,009	0,033	FALSE
0,147	0,290	0,004	0,010	0,167	FALSE
0,116	0,292	0,004	0,011	0,135	FALSE
0,060	0,291	0,003	0,008	0,140	FALSE
-0,058	0,277	0,000	0,008	0,012	FALSE
0,014	0,281	0,001	0,008	0,062	FALSE
-0,169	0,278	-0,004	0,009	0,154	FALSE
-0,184	0,286	-0,007	0,015	0,189	FALSE
-0,032	0,298	0,000	0,015	0,005	FALSE
-0,110	0,294	-0,002	0,009	0,098	FALSE
0,046	0,295	0,001	0,011	0,043	FALSE
0,036	0,295	0,001	0,010	0,045	FALSE
-0,069	0,280	-0,003	0,008	0,170	FALSE
-0,037	0,283	-0,002	0,007	0,133	FALSE
0,083	0,290	0,003	0,009	0,109	FALSE
-0,072	0,304	-0,001	0,009	0,034	FALSE
0,011	0,290	0,000	0,012	0,000	FALSE
0,068	0,276	0,000	0,014	0,011	FALSE
-0,130	0,278	-0,002	0,009	0,083	FALSE
-0,004	0,283	0,001	0,009	0,024	FALSE
-0,061	0,278	-0,005	0,015	0,117	FALSE
-0,039	0,289	0,000	0,008	0,001	FALSE
0,105	0,280	0,004	0,010	0,166	FALSE
-0,012	0,284	-0,001	0,010	0,032	FALSE
0,088	0,281	0,003	0,014	0,072	FALSE
0,084	0,276	0,003	0,010	0,112	FALSE
0,100	0,290	0,006	0,014	0,166	FALSE
-0,048	0,281	0,001	0,013	0,033	FALSE
0,282	0,284	0,009	0,010	0,415	FALSE
-0,120	0,283	-0,002	0,015	0,054	FALSE
0,071	0,280	0,000	0,015	0,004	FALSE
0,091	0,273	0,001	0,015	0,028	FALSE
-0,029	0,301	0,000	0,008	0,022	FALSE
-0,068	0,295	0,000	0,010	0,009	FALSE
0,031	0,284	0,001	0,010	0,045	FALSE
0,149	0,295	0,004	0,009	0,193	FALSE

-0,171	0,278	-0,004	0,010	0,171	FALSE
0,075	0,277	0,002	0,011	0,078	FALSE
0,092	0,304	0,003	0,008	0,146	FALSE
0,046	0,289	0,001	0,008	0,028	FALSE
0,000	0,293	0,001	0,011	0,023	FALSE
0,055	0,278	0,000	0,011	0,000	FALSE
0,043	0,298	0,002	0,012	0,056	FALSE
0,163	0,288	0,006	0,012	0,194	FALSE
0,082	0,287	0,003	0,008	0,134	FALSE
0,080	0,296	0,003	0,008	0,142	FALSE
0,081	0,295	0,002	0,008	0,119	FALSE
0,112	0,284	0,003	0,008	0,168	FALSE
0,018	0,290	0,000	0,009	0,005	FALSE
0,021	0,280	0,000	0,008	0,014	FALSE
0,016	0,296	0,003	0,013	0,090	FALSE
0,137	0,297	0,005	0,010	0,208	FALSE
-0,116	0,281	-0,003	0,009	0,131	FALSE
-0,136	0,292	-0,003	0,010	0,124	FALSE
-0,177	0,268	-0,008	0,012	0,266	FALSE
-0,144	0,279	-0,007	0,012	0,225	TRUE
-0,181	0,269	-0,007	0,012	0,254	FALSE
0,026	0,283	0,002	0,007	0,137	FALSE
-0,002	0,267	-0,001	0,014	0,028	FALSE
-0,090	0,280	-0,003	0,010	0,118	FALSE
0,095	0,281	0,002	0,008	0,110	FALSE
0,043	0,281	0,001	0,010	0,046	FALSE
0,114	0,292	0,004	0,010	0,155	FALSE
-0,092	0,292	-0,001	0,013	0,016	FALSE
0,074	0,298	0,003	0,011	0,096	FALSE
0,136	0,295	0,004	0,009	0,199	FALSE
-0,046	0,288	-0,001	0,013	0,018	FALSE
-0,196	0,287	-0,007	0,014	0,210	FALSE
0,106	0,282	0,002	0,008	0,126	FALSE
-0,013	0,288	0,001	0,010	0,026	FALSE
0,025	0,287	0,001	0,009	0,034	FALSE
0,093	0,278	0,003	0,010	0,104	FALSE
0,111	0,282	0,004	0,010	0,149	FALSE
0,069	0,288	0,001	0,007	0,056	FALSE
-0,097	0,272	-0,002	0,007	0,135	FALSE
-0,062	0,285	-0,004	0,014	0,105	FALSE
-0,039	0,290	-0,001	0,008	0,062	FALSE
-0,106	0,277	-0,003	0,007	0,166	FALSE
0,108	0,284	0,005	0,013	0,146	FALSE
-0,062	0,276	-0,001	0,013	0,027	FALSE
-0,165	0,284	-0,006	0,012	0,203	FALSE
-0,144	0,287	-0,007	0,015	0,209	FALSE
0,005	0,300	0,001	0,008	0,066	FALSE
-0,057	0,281	-0,003	0,010	0,099	FALSE
0,059	0,275	0,004	0,015	0,094	FALSE
0,079	0,265	0,002	0,011	0,065	FALSE
0,050	0,284	0,000	0,014	0,004	FALSE
-0,056	0,294	-0,001	0,008	0,044	FALSE
-0,133	0,279	-0,002	0,007	0,122	FALSE

0,082	0,280	0,006	0,013	0,179	FALSE
0,001	0,279	0,005	0,015	0,119	FALSE
0,053	0,270	0,000	0,008	0,022	FALSE
0,007	0,284	-0,002	0,015	0,051	FALSE
-0,140	0,274	-0,003	0,008	0,132	FALSE
0,067	0,289	0,002	0,010	0,060	FALSE
-0,022	0,274	0,000	0,012	0,011	FALSE
-0,054	0,278	-0,001	0,011	0,034	FALSE
0,107	0,274	0,004	0,011	0,156	FALSE
-0,049	0,277	-0,001	0,011	0,032	FALSE
0,005	0,299	0,002	0,013	0,047	FALSE
-0,110	0,279	-0,002	0,008	0,093	FALSE
-0,047	0,300	-0,002	0,015	0,047	FALSE
-0,023	0,287	0,000	0,012	0,001	FALSE
0,085	0,284	0,000	0,009	0,008	FALSE
-0,062	0,293	-0,001	0,008	0,045	FALSE
0,330	0,259	0,013	0,012	0,512	FALSE
0,147	0,297	0,005	0,013	0,146	FALSE
0,090	0,296	0,004	0,015	0,099	FALSE
0,170	0,282	0,005	0,010	0,196	FALSE
0,139	0,286	0,005	0,012	0,177	FALSE
-0,006	0,296	-0,001	0,008	0,032	FALSE
0,039	0,298	0,004	0,015	0,098	FALSE
0,079	0,290	0,001	0,010	0,022	FALSE
-0,037	0,284	-0,002	0,009	0,082	FALSE
0,175	0,299	0,004	0,009	0,187	FALSE
-0,089	0,298	-0,001	0,008	0,048	FALSE
-0,124	0,286	-0,002	0,008	0,119	FALSE
0,078	0,291	0,001	0,008	0,072	FALSE
-0,013	0,291	-0,001	0,010	0,021	FALSE
-0,081	0,276	-0,002	0,009	0,101	FALSE
0,175	0,283	0,004	0,007	0,246	FALSE
-0,165	0,285	-0,004	0,009	0,163	FALSE
-0,187	0,283	-0,010	0,015	0,286	FALSE
-0,072	0,295	-0,004	0,010	0,156	FALSE
0,002	0,275	-0,001	0,014	0,022	FALSE
-0,071	0,282	-0,002	0,014	0,051	FALSE
0,069	0,303	0,000	0,008	0,004	FALSE
0,027	0,300	0,000	0,008	0,015	FALSE
0,023	0,288	0,001	0,013	0,043	FALSE
0,089	0,279	0,002	0,012	0,072	FALSE
-0,055	0,291	-0,001	0,014	0,036	FALSE
-0,061	0,292	-0,003	0,009	0,140	FALSE
-0,024	0,273	-0,003	0,010	0,128	FALSE
-0,108	0,290	-0,002	0,009	0,064	FALSE
-0,112	0,270	-0,003	0,010	0,107	FALSE
-0,113	0,287	-0,003	0,011	0,093	FALSE
-0,136	0,287	-0,003	0,011	0,125	FALSE
-0,009	0,300	0,000	0,012	0,007	FALSE
0,040	0,277	0,000	0,010	0,003	FALSE
-0,059	0,289	-0,001	0,013	0,028	FALSE
0,098	0,281	0,003	0,009	0,136	FALSE
-0,219	0,272	-0,008	0,012	0,310	FALSE

-0,121	0,288	-0,005	0,014	0,163	FALSE
-0,136	0,295	-0,005	0,015	0,128	FALSE
-0,056	0,287	-0,001	0,007	0,042	FALSE
-0,043	0,292	-0,001	0,013	0,026	FALSE
0,143	0,304	0,004	0,014	0,127	FALSE
-0,102	0,285	-0,002	0,008	0,088	FALSE
-0,026	0,298	-0,001	0,015	0,031	FALSE
0,009	0,283	0,000	0,010	0,002	FALSE
0,085	0,284	0,001	0,012	0,038	FALSE
-0,211	0,278	-0,004	0,008	0,227	FALSE
0,060	0,284	0,001	0,009	0,057	FALSE
-0,135	0,287	-0,002	0,008	0,091	FALSE
-0,051	0,280	-0,003	0,009	0,159	FALSE
-0,050	0,284	-0,001	0,009	0,047	FALSE
0,002	0,292	0,000	0,009	0,010	FALSE
-0,011	0,292	0,001	0,012	0,045	FALSE
0,044	0,293	0,002	0,008	0,095	FALSE
-0,040	0,294	-0,002	0,014	0,057	FALSE
0,071	0,289	0,002	0,009	0,104	FALSE
-0,072	0,288	-0,003	0,014	0,094	FALSE
0,109	0,294	0,003	0,014	0,081	FALSE
-0,141	0,289	-0,006	0,014	0,180	FALSE
0,093	0,292	0,006	0,015	0,153	FALSE
-0,092	0,292	-0,004	0,009	0,173	FALSE
0,053	0,278	0,003	0,014	0,089	FALSE
0,177	0,261	0,006	0,011	0,221	FALSE
-0,003	0,279	-0,001	0,015	0,014	FALSE
0,200	0,268	0,008	0,011	0,370	FALSE
0,040	0,290	0,000	0,012	0,007	FALSE
0,114	0,291	0,005	0,015	0,136	FALSE
0,116	0,281	0,005	0,014	0,134	FALSE
0,162	0,287	0,007	0,011	0,244	FALSE
0,060	0,285	0,001	0,010	0,019	FALSE
-0,091	0,289	-0,001	0,007	0,062	FALSE
0,152	0,284	0,006	0,009	0,281	FALSE
-0,094	0,289	-0,003	0,010	0,112	FALSE
-0,077	0,287	-0,006	0,014	0,182	FALSE
0,006	0,283	0,002	0,011	0,063	FALSE
-0,080	0,278	0,001	0,014	0,017	FALSE
0,054	0,282	0,000	0,008	0,019	FALSE
-0,034	0,296	-0,001	0,010	0,030	FALSE
0,050	0,290	-0,001	0,014	0,023	FALSE
-0,095	0,289	-0,003	0,008	0,141	FALSE
-0,268	0,269	-0,008	0,009	0,440	FALSE
-0,021	0,279	0,000	0,009	0,013	FALSE
-0,049	0,286	0,001	0,013	0,032	FALSE
-0,104	0,297	-0,003	0,012	0,100	FALSE
-0,168	0,283	-0,005	0,013	0,159	FALSE
0,060	0,282	0,003	0,008	0,132	FALSE
0,025	0,292	0,001	0,008	0,030	FALSE
0,052	0,280	0,001	0,007	0,028	FALSE
0,052	0,281	0,001	0,008	0,037	FALSE
0,054	0,293	0,001	0,008	0,035	FALSE

-0,044	0,295	-0,002	0,015	0,062	FALSE
0,077	0,291	0,003	0,012	0,085	FALSE
-0,003	0,295	-0,001	0,015	0,036	FALSE
-0,118	0,272	-0,002	0,007	0,112	FALSE
-0,068	0,285	-0,004	0,011	0,141	FALSE
0,196	0,274	0,004	0,008	0,201	FALSE
0,157	0,279	0,006	0,008	0,322	FALSE
0,007	0,296	0,000	0,013	0,004	FALSE
-0,099	0,283	-0,004	0,010	0,151	FALSE
0,079	0,297	0,002	0,013	0,063	FALSE
0,023	0,306	0,000	0,016	0,011	FALSE
-0,094	0,269	-0,003	0,012	0,086	FALSE
-0,047	0,295	0,001	0,010	0,019	FALSE
0,109	0,289	0,006	0,015	0,167	FALSE
0,130	0,286	0,003	0,009	0,136	FALSE
-0,008	0,287	-0,002	0,008	0,089	FALSE
0,122	0,282	0,005	0,014	0,133	FALSE
-0,042	0,297	-0,004	0,015	0,094	FALSE
-0,076	0,285	-0,005	0,015	0,144	FALSE
-0,056	0,298	-0,004	0,015	0,107	FALSE
-0,067	0,288	-0,005	0,014	0,123	FALSE
0,062	0,282	0,001	0,011	0,029	FALSE
-0,082	0,281	-0,002	0,008	0,069	FALSE
-0,052	0,279	-0,002	0,008	0,093	FALSE
-0,036	0,288	-0,001	0,008	0,047	FALSE
-0,158	0,268	-0,006	0,008	0,303	FALSE
0,009	0,293	0,001	0,009	0,026	FALSE
-0,055	0,284	-0,002	0,009	0,088	FALSE
0,050	0,293	0,002	0,008	0,073	FALSE
-0,032	0,285	-0,002	0,014	0,057	FALSE
-0,115	0,278	-0,003	0,008	0,144	FALSE
0,128	0,270	0,002	0,008	0,082	FALSE
-0,088	0,278	-0,001	0,008	0,046	FALSE
0,090	0,279	0,001	0,008	0,058	FALSE
-0,264	0,280	-0,011	0,014	0,358	FALSE
0,000	0,293	0,000	0,010	0,016	FALSE
-0,011	0,278	-0,002	0,014	0,056	FALSE
0,031	0,283	0,005	0,013	0,150	FALSE
0,082	0,279	0,001	0,008	0,041	FALSE
0,034	0,277	0,001	0,011	0,023	FALSE
-0,043	0,289	0,001	0,008	0,026	FALSE
0,099	0,271	0,001	0,007	0,051	FALSE
0,175	0,272	0,004	0,010	0,144	FALSE
-0,075	0,287	-0,003	0,013	0,076	FALSE
0,075	0,284	0,001	0,009	0,057	FALSE
-0,054	0,288	0,000	0,008	0,016	FALSE
-0,152	0,277	-0,005	0,011	0,203	FALSE
0,036	0,290	-0,001	0,014	0,018	FALSE
0,040	0,293	0,003	0,015	0,064	FALSE
-0,109	0,291	-0,004	0,011	0,122	FALSE
-0,190	0,289	-0,005	0,009	0,224	FALSE
0,011	0,290	0,003	0,014	0,088	FALSE
0,025	0,297	0,002	0,011	0,065	FALSE

0,039	0,274	0,003	0,010	0,103	FALSE
0,090	0,285	0,005	0,014	0,125	FALSE
-0,143	0,281	-0,003	0,014	0,093	FALSE
-0,053	0,283	-0,001	0,007	0,068	FALSE
0,092	0,281	0,002	0,010	0,062	FALSE
-0,061	0,287	-0,002	0,008	0,107	FALSE
0,052	0,288	0,003	0,010	0,111	FALSE
-0,041	0,291	0,000	0,013	0,004	FALSE
-0,038	0,287	-0,003	0,012	0,080	FALSE
-0,050	0,281	-0,003	0,012	0,099	FALSE
-0,077	0,278	-0,004	0,012	0,142	FALSE
-0,100	0,281	-0,005	0,011	0,176	FALSE
-0,092	0,291	-0,005	0,013	0,167	FALSE
-0,053	0,278	-0,003	0,011	0,104	FALSE
-0,076	0,287	-0,005	0,013	0,153	FALSE
-0,068	0,283	-0,005	0,013	0,145	FALSE
0,170	0,280	0,002	0,008	0,102	FALSE
0,085	0,271	0,000	0,008	0,002	FALSE
0,040	0,295	0,003	0,015	0,084	FALSE
-0,149	0,281	-0,004	0,008	0,229	FALSE
0,120	0,269	0,002	0,007	0,136	FALSE
0,047	0,290	0,001	0,008	0,027	FALSE
0,024	0,277	0,000	0,012	0,000	FALSE
0,089	0,285	0,003	0,010	0,129	FALSE
-0,114	0,288	-0,003	0,008	0,157	FALSE
-0,149	0,282	-0,005	0,008	0,241	FALSE
-0,158	0,270	-0,004	0,009	0,207	FALSE
-0,026	0,292	-0,002	0,008	0,073	FALSE
0,206	0,278	0,007	0,010	0,331	FALSE
-0,044	0,286	-0,001	0,011	0,020	FALSE
-0,148	0,290	-0,003	0,008	0,149	FALSE
-0,055	0,288	-0,002	0,008	0,102	FALSE
-0,008	0,286	0,000	0,007	0,007	FALSE
-0,071	0,301	-0,002	0,008	0,107	FALSE
-0,146	0,271	-0,004	0,010	0,165	FALSE
-0,043	0,277	-0,003	0,008	0,121	FALSE
0,101	0,284	0,004	0,008	0,221	FALSE
0,064	0,282	0,004	0,008	0,184	FALSE
-0,108	0,286	-0,002	0,008	0,110	FALSE
0,182	0,283	0,005	0,014	0,141	FALSE
-0,039	0,305	0,000	0,013	0,005	FALSE
0,104	0,300	0,000	0,008	0,013	FALSE
-0,092	0,279	-0,001	0,007	0,056	FALSE
-0,003	0,295	0,001	0,015	0,032	FALSE
0,169	0,292	0,006	0,009	0,290	FALSE
0,196	0,304	0,004	0,008	0,212	FALSE
0,037	0,271	0,001	0,007	0,062	FALSE
-0,097	0,283	-0,005	0,013	0,151	FALSE
0,087	0,299	0,003	0,007	0,141	FALSE
-0,038	0,290	0,001	0,015	0,014	FALSE
-0,047	0,280	0,002	0,013	0,060	FALSE
0,042	0,280	0,001	0,008	0,068	FALSE
0,035	0,282	-0,001	0,009	0,038	FALSE

0,038	0,280	0,003	0,013	0,093	FALSE
-0,034	0,300	-0,001	0,015	0,016	FALSE
0,053	0,286	0,000	0,008	0,006	FALSE
0,180	0,294	0,008	0,015	0,226	FALSE
0,203	0,286	0,006	0,012	0,229	FALSE
0,169	0,290	0,004	0,007	0,267	FALSE
0,064	0,290	0,003	0,009	0,110	FALSE
-0,085	0,288	-0,004	0,010	0,162	FALSE
-0,148	0,279	-0,008	0,013	0,269	FALSE
0,003	0,291	0,000	0,009	0,008	FALSE
0,042	0,280	0,001	0,009	0,027	FALSE
0,054	0,280	0,001	0,009	0,051	FALSE
0,057	0,293	0,003	0,009	0,112	FALSE
0,123	0,295	0,003	0,011	0,092	FALSE
-0,045	0,272	-0,003	0,013	0,094	FALSE
-0,006	0,306	-0,001	0,014	0,018	FALSE
-0,096	0,295	-0,001	0,008	0,067	FALSE
-0,007	0,294	-0,001	0,014	0,021	FALSE
-0,030	0,268	0,001	0,009	0,052	FALSE
-0,054	0,276	0,000	0,015	0,003	FALSE
-0,163	0,281	-0,006	0,009	0,303	FALSE
0,133	0,293	0,003	0,012	0,086	FALSE
-0,001	0,279	0,002	0,015	0,054	FALSE
0,075	0,278	0,002	0,008	0,088	FALSE
-0,078	0,292	-0,003	0,010	0,111	FALSE
0,048	0,282	0,000	0,012	0,003	FALSE
0,011	0,299	0,003	0,014	0,067	FALSE
-0,055	0,291	-0,002	0,009	0,083	FALSE
0,013	0,301	0,000	0,010	0,006	FALSE
0,141	0,274	0,004	0,010	0,172	FALSE
-0,057	0,295	-0,001	0,009	0,039	FALSE
0,108	0,274	0,003	0,007	0,140	FALSE
-0,009	0,302	0,001	0,010	0,019	FALSE
0,125	0,282	0,003	0,007	0,143	FALSE
-0,035	0,278	-0,002	0,012	0,069	FALSE
-0,115	0,273	-0,004	0,014	0,108	FALSE
-0,085	0,290	-0,003	0,014	0,086	FALSE
0,031	0,287	0,003	0,015	0,075	FALSE
0,071	0,285	0,003	0,011	0,101	FALSE
-0,070	0,284	-0,001	0,008	0,062	FALSE
0,116	0,286	0,005	0,014	0,134	FALSE
0,001	0,279	0,003	0,009	0,124	FALSE
-0,050	0,291	0,001	0,010	0,022	FALSE
0,028	0,287	0,001	0,009	0,052	FALSE
-0,145	0,278	-0,007	0,015	0,201	FALSE
-0,122	0,286	-0,002	0,010	0,074	FALSE
0,023	0,274	0,001	0,013	0,039	FALSE
-0,174	0,281	-0,003	0,008	0,162	FALSE
-0,111	0,288	-0,001	0,009	0,043	FALSE
0,238	0,278	0,008	0,012	0,288	FALSE
0,092	0,290	0,001	0,008	0,058	FALSE
0,004	0,285	0,000	0,015	0,011	FALSE
0,196	0,283	0,011	0,015	0,347	FALSE

0,004	0,295	0,000	0,015	0,004	FALSE
0,161	0,290	0,005	0,009	0,232	FALSE
-0,029	0,293	-0,001	0,015	0,021	FALSE
0,017	0,288	-0,001	0,013	0,030	FALSE
-0,151	0,286	-0,004	0,008	0,220	FALSE
0,096	0,289	0,003	0,012	0,093	FALSE
-0,114	0,284	-0,005	0,015	0,125	FALSE
-0,105	0,278	-0,002	0,009	0,090	FALSE
-0,061	0,287	-0,001	0,010	0,024	FALSE
-0,081	0,287	-0,002	0,012	0,069	FALSE
-0,154	0,274	-0,005	0,009	0,255	FALSE
-0,090	0,276	-0,002	0,013	0,050	FALSE
-0,097	0,282	-0,007	0,014	0,201	FALSE
0,263	0,268	0,007	0,011	0,262	FALSE
-0,047	0,284	-0,003	0,013	0,085	FALSE
-0,047	0,291	-0,004	0,014	0,120	FALSE
-0,110	0,274	-0,002	0,010	0,077	FALSE
-0,063	0,285	-0,002	0,011	0,051	FALSE
0,115	0,281	0,003	0,014	0,066	FALSE
0,136	0,269	0,003	0,007	0,168	FALSE
-0,084	0,279	-0,001	0,009	0,029	FALSE
0,215	0,276	0,004	0,009	0,164	FALSE
0,184	0,301	0,005	0,012	0,186	FALSE
0,063	0,291	0,001	0,007	0,061	FALSE
-0,126	0,286	-0,004	0,014	0,116	FALSE
-0,014	0,275	0,000	0,014	0,003	FALSE
0,120	0,285	0,002	0,009	0,081	FALSE
0,107	0,298	0,003	0,011	0,111	FALSE
0,066	0,277	0,004	0,015	0,098	FALSE
-0,009	0,295	0,001	0,014	0,020	FALSE
0,011	0,303	0,002	0,008	0,091	FALSE
0,004	0,273	-0,001	0,014	0,020	FALSE
0,078	0,292	0,004	0,013	0,120	FALSE
-0,042	0,280	-0,001	0,014	0,014	FALSE
-0,041	0,293	0,000	0,008	0,009	FALSE
-0,104	0,281	-0,007	0,015	0,213	FALSE
0,150	0,274	0,008	0,012	0,296	FALSE
-0,034	0,291	-0,001	0,008	0,047	FALSE
0,054	0,275	0,001	0,008	0,060	FALSE
0,039	0,298	0,001	0,010	0,019	FALSE
0,003	0,296	0,000	0,013	0,011	FALSE
0,021	0,299	-0,001	0,010	0,038	FALSE
-0,099	0,291	-0,004	0,013	0,130	FALSE
-0,019	0,280	0,000	0,009	0,014	FALSE
0,025	0,300	0,003	0,015	0,080	FALSE
-0,033	0,291	-0,001	0,010	0,020	FALSE
-0,028	0,282	-0,001	0,009	0,033	FALSE
-0,055	0,289	0,000	0,008	0,015	FALSE
0,031	0,292	-0,001	0,008	0,026	FALSE
0,041	0,285	0,000	0,008	0,018	FALSE
-0,168	0,283	-0,009	0,014	0,258	FALSE
0,079	0,279	0,002	0,008	0,097	FALSE
-0,247	0,275	-0,011	0,015	0,339	FALSE

0,298	0,274	0,015	0,014	0,507	TRUE
0,119	0,291	0,003	0,008	0,144	FALSE
0,159	0,284	0,007	0,013	0,205	FALSE
-0,023	0,270	-0,001	0,015	0,024	FALSE
0,123	0,286	0,005	0,013	0,156	FALSE
0,066	0,284	0,002	0,008	0,078	FALSE
0,052	0,268	0,003	0,014	0,077	FALSE
-0,027	0,295	-0,002	0,011	0,067	FALSE
0,156	0,286	0,005	0,010	0,192	FALSE
0,121	0,268	0,003	0,009	0,109	FALSE
0,201	0,272	0,006	0,009	0,274	FALSE
0,097	0,296	0,002	0,011	0,084	FALSE
-0,108	0,301	-0,005	0,015	0,116	FALSE
-0,014	0,284	-0,001	0,010	0,046	FALSE
-0,027	0,282	-0,001	0,008	0,047	FALSE
0,084	0,293	0,001	0,010	0,039	FALSE
-0,051	0,286	-0,002	0,009	0,066	FALSE
0,143	0,280	0,004	0,010	0,153	FALSE
0,057	0,296	0,002	0,007	0,087	FALSE
0,045	0,303	0,001	0,012	0,037	FALSE
0,077	0,297	0,002	0,007	0,108	FALSE
-0,065	0,298	-0,001	0,007	0,025	FALSE
0,006	0,278	0,000	0,010	0,011	FALSE
-0,078	0,284	-0,004	0,014	0,108	FALSE
0,014	0,296	0,001	0,008	0,040	FALSE
0,075	0,300	0,004	0,014	0,105	FALSE
0,012	0,287	0,001	0,008	0,053	FALSE
0,023	0,288	0,001	0,008	0,040	FALSE
0,002	0,297	-0,001	0,012	0,039	FALSE
-0,062	0,297	-0,001	0,008	0,038	FALSE
-0,128	0,293	-0,004	0,015	0,089	FALSE
-0,036	0,292	-0,001	0,009	0,028	FALSE
-0,013	0,285	0,001	0,009	0,026	FALSE
0,008	0,281	0,000	0,008	0,008	FALSE
0,109	0,284	0,003	0,010	0,132	FALSE
-0,136	0,277	-0,005	0,011	0,199	FALSE
-0,088	0,276	-0,005	0,014	0,135	FALSE
-0,179	0,280	-0,007	0,013	0,242	FALSE
0,103	0,291	0,004	0,013	0,106	FALSE
-0,015	0,292	0,000	0,007	0,017	FALSE
-0,039	0,285	-0,002	0,011	0,067	FALSE
-0,007	0,288	0,001	0,011	0,017	FALSE
0,076	0,285	0,002	0,011	0,061	FALSE
-0,055	0,277	-0,001	0,010	0,051	FALSE
-0,013	0,266	0,001	0,011	0,031	FALSE
-0,039	0,279	-0,002	0,009	0,097	FALSE
0,114	0,287	0,003	0,007	0,169	FALSE
-0,042	0,284	-0,005	0,015	0,136	FALSE
0,148	0,297	0,004	0,008	0,210	FALSE
0,140	0,288	0,004	0,007	0,217	FALSE
0,142	0,284	0,007	0,014	0,219	FALSE
0,030	0,297	0,002	0,014	0,062	FALSE
-0,064	0,284	-0,004	0,009	0,174	FALSE

0,051	0,289	0,002	0,009	0,085	FALSE
-0,141	0,277	-0,009	0,014	0,273	FALSE
0,105	0,285	0,002	0,011	0,082	FALSE
-0,049	0,280	-0,003	0,009	0,150	FALSE
-0,031	0,284	-0,002	0,013	0,067	FALSE
-0,163	0,285	-0,003	0,008	0,163	FALSE
0,056	0,277	0,002	0,008	0,088	FALSE
-0,200	0,280	-0,007	0,010	0,324	FALSE
0,110	0,276	0,003	0,007	0,156	FALSE
-0,007	0,302	0,000	0,013	0,002	FALSE
-0,004	0,273	-0,001	0,007	0,026	FALSE
0,008	0,284	0,000	0,008	0,001	FALSE
0,013	0,290	0,001	0,011	0,046	FALSE
0,099	0,283	0,004	0,011	0,141	FALSE
-0,117	0,275	-0,005	0,013	0,156	FALSE
-0,121	0,283	-0,005	0,014	0,158	FALSE
-0,083	0,278	-0,003	0,011	0,088	FALSE
-0,032	0,289	-0,001	0,007	0,038	FALSE
0,009	0,292	-0,001	0,014	0,031	FALSE
0,179	0,284	0,005	0,011	0,176	FALSE
-0,027	0,305	0,000	0,012	0,006	FALSE
-0,167	0,279	-0,005	0,009	0,246	FALSE
0,044	0,295	0,001	0,015	0,019	FALSE
-0,074	0,286	-0,002	0,011	0,076	FALSE
-0,118	0,297	-0,006	0,015	0,152	FALSE
-0,098	0,284	-0,004	0,015	0,090	FALSE
0,035	0,269	0,003	0,014	0,080	FALSE
0,109	0,279	0,006	0,012	0,201	FALSE
-0,036	0,279	0,000	0,009	0,007	FALSE
-0,104	0,274	-0,002	0,014	0,063	FALSE
-0,097	0,282	-0,002	0,014	0,061	FALSE
0,228	0,281	0,010	0,014	0,321	FALSE
-0,077	0,289	-0,004	0,016	0,107	FALSE
0,017	0,281	-0,001	0,011	0,020	FALSE
-0,198	0,282	-0,004	0,008	0,225	FALSE
0,065	0,289	0,002	0,013	0,073	FALSE
-0,130	0,287	-0,004	0,008	0,213	FALSE
0,044	0,276	0,000	0,008	0,008	FALSE
0,020	0,284	-0,001	0,008	0,066	FALSE
-0,082	0,295	-0,001	0,008	0,057	FALSE
-0,063	0,289	0,000	0,015	0,011	FALSE
0,032	0,298	0,001	0,014	0,013	FALSE
0,030	0,276	0,000	0,008	0,011	FALSE
0,032	0,286	0,002	0,014	0,045	FALSE
0,039	0,271	0,001	0,009	0,034	FALSE
-0,113	0,274	-0,007	0,014	0,216	FALSE
0,103	0,284	0,006	0,014	0,164	FALSE
-0,109	0,287	-0,004	0,014	0,099	FALSE
0,043	0,292	0,003	0,015	0,072	FALSE
0,052	0,290	0,004	0,015	0,100	FALSE
-0,048	0,285	-0,001	0,007	0,052	FALSE
-0,079	0,278	-0,004	0,013	0,126	FALSE
-0,101	0,275	-0,003	0,011	0,097	FALSE

0,162	0,296	0,005	0,009	0,221	FALSE
0,116	0,294	0,005	0,012	0,161	FALSE
-0,131	0,301	-0,004	0,009	0,179	FALSE
0,097	0,284	0,007	0,015	0,176	FALSE
-0,047	0,294	-0,002	0,010	0,071	FALSE
-0,114	0,286	-0,003	0,010	0,135	FALSE
0,096	0,282	0,004	0,014	0,118	FALSE
0,091	0,281	0,002	0,008	0,110	FALSE
0,069	0,286	0,004	0,012	0,142	FALSE
0,058	0,281	0,001	0,008	0,056	FALSE
0,071	0,289	0,001	0,008	0,059	FALSE
-0,148	0,285	-0,004	0,008	0,186	FALSE
-0,014	0,274	-0,002	0,012	0,066	FALSE
-0,027	0,264	-0,003	0,011	0,102	FALSE
-0,018	0,282	-0,002	0,012	0,063	FALSE
-0,066	0,280	-0,004	0,012	0,124	FALSE
-0,142	0,266	-0,005	0,012	0,196	FALSE
-0,005	0,274	-0,001	0,007	0,038	FALSE
0,026	0,276	-0,001	0,008	0,041	TRUE
-0,032	0,281	-0,001	0,008	0,050	FALSE
0,108	0,279	0,003	0,007	0,164	FALSE
-0,123	0,284	-0,002	0,010	0,059	FALSE
0,114	0,277	0,004	0,008	0,219	FALSE
0,148	0,282	0,013	0,015	0,399	FALSE
0,015	0,259	-0,001	0,007	0,037	FALSE
-0,059	0,297	-0,003	0,015	0,079	FALSE
0,075	0,294	0,003	0,014	0,080	FALSE
0,021	0,305	0,001	0,015	0,031	FALSE
0,021	0,284	0,001	0,008	0,031	FALSE
-0,048	0,289	-0,001	0,009	0,036	FALSE
-0,044	0,283	-0,001	0,010	0,044	FALSE
-0,053	0,288	-0,001	0,010	0,045	FALSE
0,063	0,283	0,002	0,012	0,068	FALSE
0,147	0,283	0,005	0,014	0,131	FALSE
-0,115	0,294	-0,001	0,008	0,070	FALSE
-0,128	0,288	-0,002	0,008	0,111	FALSE
0,081	0,275	0,003	0,012	0,112	FALSE
0,160	0,293	0,008	0,013	0,266	FALSE
0,183	0,295	0,009	0,013	0,299	FALSE
-0,145	0,282	-0,003	0,008	0,153	FALSE
0,181	0,280	0,009	0,013	0,293	FALSE
-0,010	0,283	0,001	0,009	0,054	FALSE
0,024	0,285	0,003	0,014	0,073	FALSE
-0,115	0,292	-0,003	0,009	0,116	FALSE
-0,116	0,294	-0,003	0,009	0,139	FALSE
-0,116	0,295	-0,003	0,010	0,129	FALSE
-0,013	0,293	-0,001	0,012	0,029	FALSE
0,081	0,281	0,000	0,014	0,003	FALSE
0,111	0,284	0,002	0,014	0,039	FALSE
-0,060	0,290	-0,002	0,012	0,050	FALSE
0,123	0,277	0,001	0,015	0,033	FALSE
-0,109	0,284	-0,003	0,013	0,082	FALSE
0,077	0,301	0,002	0,009	0,111	FALSE

-0,047	0,284	-0,001	0,013	0,030	FALSE
-0,024	0,298	-0,001	0,008	0,034	FALSE
0,157	0,301	0,005	0,015	0,138	FALSE
-0,032	0,284	-0,001	0,010	0,027	FALSE
0,100	0,294	0,005	0,012	0,180	FALSE
-0,264	0,268	-0,006	0,008	0,328	FALSE
-0,230	0,269	-0,005	0,008	0,267	FALSE
-0,048	0,297	-0,002	0,013	0,063	FALSE
0,010	0,297	0,000	0,013	0,012	FALSE
0,032	0,284	0,000	0,013	0,011	FALSE
0,044	0,282	0,001	0,012	0,033	FALSE
-0,047	0,271	-0,002	0,009	0,067	FALSE
-0,002	0,288	0,000	0,010	0,016	FALSE
-0,152	0,271	-0,006	0,010	0,279	FALSE
-0,048	0,301	-0,001	0,011	0,025	FALSE
-0,076	0,296	-0,003	0,015	0,071	FALSE
-0,126	0,270	-0,002	0,011	0,080	FALSE
0,047	0,285	0,002	0,012	0,063	FALSE
-0,044	0,281	0,000	0,012	0,005	FALSE
-0,127	0,286	-0,006	0,014	0,173	FALSE
-0,135	0,287	-0,008	0,014	0,230	FALSE
-0,082	0,280	-0,003	0,009	0,146	FALSE
-0,208	0,271	-0,006	0,009	0,318	FALSE
-0,142	0,287	-0,004	0,008	0,195	FALSE
-0,090	0,279	-0,003	0,014	0,083	FALSE
-0,003	0,291	0,001	0,014	0,036	FALSE
-0,031	0,292	-0,001	0,012	0,025	FALSE
-0,004	0,288	0,000	0,011	0,008	FALSE
0,136	0,277	0,003	0,014	0,095	FALSE
-0,061	0,275	-0,004	0,011	0,142	FALSE
-0,051	0,288	-0,003	0,010	0,131	FALSE
0,134	0,283	0,005	0,010	0,225	FALSE
0,175	0,265	0,006	0,014	0,164	FALSE
0,195	0,279	0,006	0,013	0,201	FALSE
-0,199	0,286	-0,011	0,016	0,309	FALSE
0,092	0,284	0,001	0,013	0,019	FALSE
-0,069	0,293	-0,005	0,015	0,150	FALSE
0,110	0,293	0,004	0,015	0,103	FALSE
0,059	0,308	0,002	0,015	0,046	FALSE
-0,048	0,289	-0,001	0,007	0,057	FALSE
0,078	0,291	0,000	0,009	0,015	FALSE
0,100	0,295	0,004	0,011	0,165	FALSE
-0,106	0,293	-0,005	0,010	0,188	FALSE
0,143	0,287	0,004	0,010	0,170	FALSE
0,065	0,289	0,002	0,010	0,087	FALSE
-0,043	0,283	-0,002	0,008	0,103	FALSE
-0,156	0,287	-0,004	0,011	0,156	FALSE
0,059	0,292	0,002	0,016	0,051	FALSE
0,049	0,289	0,001	0,012	0,039	FALSE
0,026	0,291	0,002	0,009	0,065	FALSE
0,038	0,292	0,002	0,009	0,093	FALSE
-0,036	0,292	-0,001	0,009	0,032	FALSE
0,073	0,298	0,002	0,011	0,066	FALSE

0,134	0,301	0,005	0,013	0,144	FALSE
0,124	0,276	0,008	0,014	0,238	FALSE
-0,024	0,290	0,000	0,015	0,010	FALSE
-0,073	0,287	-0,003	0,015	0,069	FALSE
-0,018	0,302	-0,002	0,009	0,065	FALSE
0,043	0,299	0,000	0,013	0,008	FALSE
0,251	0,268	0,004	0,007	0,263	FALSE
-0,079	0,285	-0,002	0,015	0,042	FALSE
0,174	0,272	0,004	0,012	0,121	FALSE
-0,022	0,290	-0,001	0,010	0,040	FALSE
0,081	0,274	0,002	0,014	0,043	FALSE
-0,003	0,276	0,000	0,011	0,014	FALSE
-0,047	0,299	-0,001	0,007	0,044	FALSE
0,043	0,296	0,002	0,010	0,064	FALSE
-0,060	0,290	-0,002	0,011	0,071	FALSE
0,214	0,274	0,006	0,010	0,239	FALSE
-0,102	0,285	-0,003	0,011	0,097	FALSE
0,046	0,281	0,001	0,008	0,057	FALSE
0,043	0,299	0,002	0,009	0,088	FALSE
0,044	0,279	0,002	0,007	0,115	FALSE
-0,057	0,298	-0,001	0,008	0,042	FALSE
-0,114	0,275	-0,003	0,011	0,118	FALSE
-0,101	0,280	-0,004	0,011	0,147	FALSE
0,019	0,272	-0,002	0,009	0,064	FALSE
0,023	0,290	0,001	0,013	0,035	FALSE
0,070	0,277	0,003	0,015	0,068	FALSE
0,050	0,275	0,002	0,012	0,067	FALSE
-0,017	0,278	-0,002	0,014	0,065	FALSE
0,046	0,293	0,001	0,012	0,045	FALSE
-0,047	0,294	-0,003	0,012	0,089	FALSE
-0,072	0,284	-0,001	0,009	0,036	FALSE
0,094	0,280	0,001	0,008	0,043	FALSE
-0,250	0,276	-0,006	0,008	0,335	FALSE
0,184	0,292	0,005	0,009	0,222	FALSE
0,087	0,285	0,002	0,008	0,072	FALSE
0,032	0,275	0,000	0,008	0,022	FALSE
0,128	0,303	0,003	0,013	0,099	FALSE
-0,050	0,292	-0,003	0,011	0,117	FALSE
-0,006	0,295	0,000	0,009	0,001	FALSE
0,158	0,291	0,005	0,009	0,224	FALSE
-0,156	0,288	-0,003	0,008	0,153	FALSE
0,195	0,276	0,006	0,009	0,264	FALSE
-0,060	0,297	0,000	0,015	0,011	FALSE
-0,051	0,281	-0,003	0,013	0,085	FALSE
-0,054	0,269	-0,002	0,014	0,047	FALSE
-0,109	0,289	-0,003	0,010	0,129	FALSE
-0,050	0,298	-0,002	0,012	0,049	FALSE
0,096	0,280	0,001	0,009	0,054	FALSE
-0,012	0,284	0,001	0,009	0,034	FALSE
0,004	0,269	-0,001	0,007	0,037	FALSE
0,152	0,278	0,004	0,008	0,243	FALSE
-0,069	0,282	-0,001	0,008	0,053	FALSE
0,010	0,292	0,000	0,010	0,010	FALSE

-0,106	0,270	-0,003	0,010	0,117	FALSE
0,106	0,272	0,000	0,012	0,012	FALSE
-0,024	0,281	0,001	0,012	0,020	FALSE
0,125	0,284	0,002	0,007	0,121	FALSE
0,123	0,284	0,002	0,007	0,122	FALSE
0,022	0,279	0,000	0,007	0,019	FALSE
-0,036	0,313	-0,001	0,012	0,040	FALSE
0,048	0,289	0,002	0,010	0,090	FALSE
-0,020	0,284	0,000	0,009	0,013	FALSE
0,025	0,278	0,001	0,008	0,061	FALSE
0,082	0,281	0,004	0,012	0,156	FALSE
-0,002	0,299	0,001	0,009	0,033	FALSE
-0,116	0,278	-0,002	0,009	0,098	FALSE
0,006	0,269	0,001	0,015	0,021	FALSE
-0,095	0,265	-0,004	0,012	0,130	FALSE
-0,041	0,286	-0,001	0,015	0,022	FALSE
-0,049	0,292	-0,003	0,015	0,068	FALSE
-0,042	0,287	-0,003	0,015	0,072	FALSE
-0,060	0,285	-0,002	0,009	0,095	FALSE
-0,161	0,280	-0,007	0,011	0,274	FALSE
-0,144	0,278	-0,006	0,011	0,236	FALSE
-0,081	0,286	-0,003	0,008	0,130	FALSE
0,125	0,281	0,001	0,007	0,068	FALSE
-0,116	0,289	-0,003	0,009	0,149	FALSE
-0,002	0,273	-0,003	0,013	0,088	FALSE
0,104	0,294	0,002	0,009	0,075	FALSE
-0,058	0,290	-0,003	0,014	0,081	FALSE
-0,020	0,300	0,000	0,013	0,013	FALSE
-0,001	0,278	0,000	0,007	0,023	FALSE
0,008	0,296	0,000	0,008	0,014	FALSE
0,004	0,295	0,000	0,011	0,007	FALSE
-0,041	0,282	-0,003	0,014	0,085	FALSE
0,121	0,294	0,005	0,011	0,214	FALSE
-0,112	0,284	-0,006	0,011	0,207	FALSE
-0,136	0,280	-0,005	0,010	0,221	FALSE
-0,022	0,307	0,001	0,014	0,017	FALSE
-0,011	0,284	-0,001	0,014	0,026	FALSE
-0,177	0,274	-0,006	0,010	0,263	FALSE
0,111	0,284	0,003	0,009	0,135	FALSE
0,139	0,294	0,005	0,008	0,252	FALSE
-0,166	0,283	-0,006	0,010	0,248	FALSE
-0,102	0,280	-0,002	0,012	0,064	FALSE
0,033	0,295	0,000	0,008	0,020	FALSE
0,146	0,293	0,006	0,011	0,218	FALSE
-0,136	0,279	-0,006	0,012	0,238	FALSE
-0,125	0,265	-0,006	0,011	0,221	FALSE
0,092	0,278	0,001	0,010	0,024	FALSE
0,079	0,276	0,000	0,010	0,009	FALSE
-0,007	0,286	0,002	0,014	0,062	FALSE
0,126	0,276	0,003	0,014	0,096	FALSE
0,145	0,282	0,004	0,013	0,134	FALSE
-0,044	0,288	-0,003	0,008	0,121	FALSE
0,109	0,286	0,002	0,009	0,104	FALSE

0,109	0,282	0,004	0,009	0,180	FALSE
0,107	0,295	0,004	0,009	0,172	FALSE
0,112	0,287	0,002	0,009	0,105	FALSE
0,068	0,286	0,001	0,013	0,032	FALSE
-0,025	0,301	-0,002	0,009	0,063	FALSE
0,097	0,295	0,003	0,013	0,099	FALSE
0,017	0,286	0,001	0,008	0,050	FALSE
0,033	0,299	0,001	0,012	0,044	FALSE
0,066	0,292	0,002	0,012	0,068	FALSE
-0,199	0,272	-0,005	0,010	0,206	FALSE
-0,027	0,285	0,001	0,007	0,038	FALSE
-0,189	0,261	-0,010	0,014	0,305	FALSE
-0,079	0,287	-0,004	0,014	0,124	FALSE
-0,064	0,293	-0,003	0,015	0,078	FALSE
-0,162	0,284	-0,004	0,008	0,201	FALSE
0,037	0,285	0,003	0,016	0,082	FALSE
0,113	0,292	0,003	0,009	0,122	FALSE
0,136	0,276	0,008	0,014	0,225	FALSE
0,117	0,281	0,005	0,014	0,156	FALSE
0,009	0,295	0,000	0,014	0,008	FALSE
-0,098	0,279	-0,004	0,010	0,158	FALSE
-0,055	0,295	-0,002	0,010	0,072	FALSE
-0,189	0,287	-0,006	0,010	0,267	FALSE
-0,187	0,291	-0,006	0,011	0,259	FALSE
0,120	0,291	0,003	0,013	0,088	FALSE
0,151	0,285	0,006	0,011	0,248	FALSE
0,141	0,291	0,005	0,010	0,234	FALSE
-0,089	0,288	-0,003	0,014	0,076	FALSE
-0,051	0,288	-0,002	0,013	0,060	FALSE
-0,030	0,293	0,000	0,008	0,012	FALSE
0,094	0,278	0,006	0,013	0,182	FALSE
-0,004	0,289	0,000	0,007	0,013	FALSE
-0,114	0,286	-0,002	0,008	0,116	FALSE
0,211	0,283	0,005	0,009	0,253	FALSE
0,223	0,279	0,007	0,010	0,296	FALSE
0,002	0,283	-0,002	0,013	0,053	FALSE
-0,028	0,271	0,002	0,014	0,048	FALSE
-0,156	0,283	-0,004	0,011	0,142	FALSE
-0,128	0,267	-0,007	0,013	0,201	FALSE
-0,027	0,279	0,000	0,012	0,012	FALSE
-0,022	0,295	0,000	0,012	0,002	FALSE
0,010	0,289	0,000	0,011	0,008	FALSE
-0,141	0,291	-0,005	0,013	0,175	FALSE
-0,101	0,264	-0,005	0,013	0,160	FALSE
-0,092	0,279	-0,004	0,015	0,098	FALSE
0,002	0,281	0,000	0,011	0,000	FALSE
-0,155	0,279	-0,007	0,010	0,288	FALSE
-0,127	0,299	-0,004	0,015	0,116	FALSE
0,070	0,282	0,001	0,009	0,027	FALSE
-0,020	0,300	0,000	0,012	0,001	FALSE
0,066	0,295	0,003	0,012	0,108	FALSE
-0,041	0,280	0,000	0,011	0,014	FALSE
-0,153	0,280	-0,003	0,008	0,169	FALSE

0,077	0,286	0,003	0,007	0,154	FALSE
-0,152	0,269	-0,006	0,013	0,193	FALSE
0,108	0,289	0,000	0,007	0,004	FALSE
-0,065	0,293	-0,002	0,008	0,103	FALSE
-0,013	0,289	0,001	0,013	0,016	FALSE
-0,080	0,298	-0,002	0,008	0,080	FALSE
-0,084	0,284	-0,004	0,014	0,117	FALSE
-0,061	0,289	-0,001	0,009	0,023	FALSE
0,121	0,295	0,003	0,007	0,185	FALSE
0,052	0,283	0,000	0,009	0,007	FALSE
0,041	0,278	0,003	0,011	0,095	FALSE
0,090	0,265	0,002	0,010	0,074	FALSE
0,210	0,279	0,005	0,007	0,328	FALSE
-0,098	0,284	-0,001	0,008	0,044	FALSE
-0,040	0,285	-0,001	0,008	0,059	FALSE
0,024	0,292	0,002	0,008	0,103	FALSE
0,156	0,284	0,004	0,010	0,158	FALSE
0,152	0,288	0,004	0,009	0,165	FALSE
-0,132	0,295	-0,003	0,012	0,086	FALSE
-0,041	0,309	-0,001	0,008	0,025	FALSE
0,055	0,284	0,003	0,010	0,128	FALSE
0,025	0,285	0,000	0,008	0,006	FALSE
-0,023	0,289	0,000	0,015	0,005	FALSE
-0,167	0,278	-0,003	0,009	0,139	FALSE
-0,179	0,281	-0,004	0,010	0,142	FALSE
-0,032	0,281	0,001	0,009	0,052	FALSE
-0,052	0,278	-0,003	0,013	0,102	FALSE
-0,030	0,276	-0,003	0,014	0,070	FALSE
0,117	0,272	0,001	0,007	0,074	FALSE
-0,077	0,300	-0,003	0,011	0,086	FALSE
0,077	0,282	0,000	0,007	0,008	FALSE
-0,104	0,284	-0,003	0,009	0,135	FALSE
-0,029	0,291	0,000	0,008	0,012	FALSE
-0,065	0,280	-0,002	0,015	0,057	FALSE
0,079	0,291	0,002	0,011	0,065	FALSE
-0,159	0,285	-0,004	0,009	0,190	FALSE
0,055	0,289	0,004	0,014	0,099	FALSE
0,037	0,291	0,002	0,012	0,079	FALSE
0,046	0,291	0,002	0,012	0,062	FALSE
0,127	0,274	0,003	0,014	0,070	FALSE
0,107	0,287	0,001	0,009	0,037	FALSE
-0,072	0,283	-0,002	0,011	0,082	FALSE
0,042	0,277	0,001	0,008	0,044	FALSE
0,030	0,267	0,003	0,015	0,085	FALSE
0,025	0,273	-0,001	0,010	0,055	FALSE
0,019	0,280	-0,001	0,010	0,057	FALSE
-0,053	0,280	-0,002	0,008	0,080	FALSE
0,186	0,276	0,007	0,013	0,219	FALSE
0,030	0,286	0,001	0,008	0,037	FALSE
0,069	0,281	0,003	0,014	0,088	FALSE
-0,084	0,284	-0,002	0,011	0,082	FALSE
-0,039	0,296	-0,001	0,009	0,028	FALSE
-0,188	0,278	-0,009	0,012	0,329	FALSE

0,287	0,269	0,010	0,011	0,437	FALSE
0,003	0,298	0,002	0,012	0,049	FALSE
0,009	0,291	0,001	0,009	0,028	FALSE
-0,011	0,288	-0,002	0,010	0,063	FALSE
-0,059	0,288	-0,001	0,008	0,029	FALSE
-0,043	0,289	0,000	0,007	0,002	FALSE
-0,107	0,287	-0,002	0,008	0,079	FALSE
0,044	0,289	0,002	0,011	0,072	FALSE
-0,012	0,270	0,000	0,012	0,007	FALSE
-0,077	0,292	-0,003	0,013	0,098	FALSE
0,068	0,286	0,002	0,013	0,065	FALSE
-0,034	0,295	-0,001	0,013	0,018	FALSE
0,043	0,284	0,001	0,015	0,025	FALSE
0,033	0,286	0,002	0,012	0,047	FALSE
0,093	0,289	0,004	0,012	0,119	FALSE
0,009	0,291	0,000	0,015	0,008	FALSE
-0,087	0,272	-0,001	0,010	0,042	FALSE
-0,035	0,283	-0,002	0,009	0,077	FALSE
0,131	0,287	0,004	0,009	0,197	FALSE
-0,048	0,282	-0,002	0,009	0,072	FALSE
-0,030	0,284	-0,001	0,009	0,057	FALSE
-0,028	0,298	0,000	0,011	0,012	FALSE
0,032	0,286	0,002	0,013	0,059	FALSE
0,092	0,290	0,001	0,010	0,030	FALSE
0,115	0,298	0,004	0,009	0,189	FALSE
-0,143	0,267	-0,005	0,013	0,166	FALSE
-0,010	0,279	-0,002	0,008	0,108	FALSE
-0,120	0,286	-0,003	0,009	0,137	FALSE
0,044	0,303	0,002	0,012	0,067	FALSE
0,029	0,302	0,001	0,007	0,076	FALSE
0,006	0,279	0,002	0,013	0,063	FALSE
0,195	0,276	0,008	0,015	0,217	FALSE
0,160	0,279	0,006	0,014	0,172	FALSE
-0,244	0,263	-0,008	0,015	0,244	FALSE
0,053	0,285	0,002	0,010	0,064	FALSE
-0,011	0,266	0,000	0,012	0,004	FALSE
0,072	0,291	0,002	0,012	0,051	FALSE
0,185	0,276	0,006	0,014	0,188	FALSE
-0,073	0,300	-0,002	0,007	0,091	FALSE
0,029	0,296	0,000	0,009	0,005	FALSE
-0,046	0,284	0,001	0,013	0,018	FALSE
0,013	0,284	0,002	0,009	0,061	FALSE
0,114	0,282	0,002	0,007	0,103	FALSE
0,020	0,278	0,003	0,012	0,091	FALSE
0,060	0,286	0,002	0,009	0,106	FALSE
-0,009	0,297	0,000	0,008	0,001	FALSE
-0,117	0,290	-0,005	0,013	0,155	FALSE
-0,043	0,276	0,000	0,008	0,009	FALSE
-0,164	0,274	-0,004	0,007	0,200	FALSE
-0,037	0,291	0,000	0,007	0,018	FALSE
0,175	0,288	0,007	0,015	0,184	FALSE
0,232	0,268	0,009	0,013	0,279	FALSE
-0,039	0,297	0,001	0,010	0,019	FALSE

-0,047	0,284	-0,002	0,011	0,076	FALSE
-0,037	0,282	0,002	0,010	0,061	FALSE
0,078	0,290	0,003	0,008	0,145	FALSE
-0,182	0,282	-0,004	0,008	0,229	FALSE
0,055	0,277	0,001	0,007	0,061	FALSE
-0,121	0,278	-0,003	0,008	0,130	FALSE
0,039	0,283	0,002	0,013	0,058	FALSE
0,083	0,286	0,002	0,012	0,077	FALSE
0,037	0,298	0,001	0,013	0,032	FALSE
-0,030	0,292	-0,001	0,009	0,044	FALSE
-0,056	0,292	-0,004	0,015	0,116	FALSE
0,056	0,280	0,002	0,010	0,069	FALSE
0,164	0,270	0,008	0,010	0,343	FALSE
0,112	0,289	0,002	0,008	0,101	FALSE
-0,154	0,288	-0,007	0,015	0,209	FALSE
-0,060	0,283	-0,002	0,008	0,083	FALSE
-0,164	0,294	-0,006	0,016	0,165	FALSE
0,021	0,290	0,000	0,010	0,010	FALSE
0,119	0,294	0,006	0,013	0,178	FALSE
0,065	0,278	0,001	0,009	0,057	FALSE
0,187	0,288	0,009	0,014	0,257	FALSE
-0,062	0,282	-0,004	0,014	0,123	FALSE
-0,002	0,270	-0,001	0,009	0,055	FALSE
-0,003	0,290	0,000	0,012	0,012	FALSE
0,070	0,276	0,004	0,013	0,133	FALSE
-0,185	0,265	-0,005	0,012	0,182	FALSE
-0,235	0,279	-0,007	0,012	0,232	FALSE
-0,235	0,281	-0,007	0,012	0,236	FALSE
0,182	0,270	0,005	0,009	0,225	FALSE
0,013	0,275	0,001	0,008	0,064	FALSE
-0,111	0,284	-0,001	0,010	0,052	FALSE
0,145	0,292	0,003	0,008	0,130	FALSE
0,033	0,286	0,001	0,009	0,042	FALSE
-0,137	0,293	-0,006	0,015	0,168	FALSE
-0,051	0,298	-0,001	0,008	0,038	FALSE
-0,032	0,272	-0,002	0,007	0,094	FALSE
-0,063	0,275	-0,002	0,011	0,057	FALSE
0,021	0,299	0,002	0,012	0,053	FALSE
0,061	0,291	0,002	0,010	0,077	FALSE
0,089	0,299	0,001	0,008	0,037	FALSE
0,030	0,291	0,003	0,013	0,102	FALSE
-0,151	0,292	-0,008	0,014	0,236	FALSE
0,085	0,297	0,005	0,011	0,173	FALSE
0,035	0,291	0,000	0,010	0,016	FALSE
-0,297	0,265	-0,008	0,008	0,485	FALSE
-0,101	0,290	-0,001	0,009	0,052	FALSE
-0,137	0,281	-0,004	0,007	0,204	FALSE
0,036	0,304	0,002	0,015	0,044	FALSE
0,043	0,293	0,002	0,015	0,048	FALSE
-0,003	0,302	0,000	0,015	0,006	FALSE
-0,010	0,291	0,000	0,014	0,000	FALSE
-0,012	0,306	0,001	0,015	0,011	FALSE
-0,083	0,290	-0,003	0,014	0,075	FALSE

0,007	0,302	0,000	0,015	0,010	FALSE
-0,091	0,290	-0,003	0,014	0,066	FALSE
-0,043	0,311	-0,002	0,016	0,052	FALSE
0,017	0,298	0,001	0,014	0,033	FALSE
0,130	0,287	0,003	0,009	0,131	FALSE
0,120	0,287	0,004	0,009	0,177	FALSE
-0,034	0,284	0,000	0,013	0,000	FALSE
0,019	0,283	0,001	0,015	0,029	FALSE
-0,045	0,280	-0,001	0,015	0,033	FALSE
0,043	0,304	0,000	0,010	0,010	FALSE
0,010	0,277	0,000	0,010	0,013	FALSE
0,039	0,295	0,000	0,014	0,002	FALSE
-0,001	0,287	-0,002	0,008	0,098	FALSE
0,071	0,276	0,002	0,009	0,074	FALSE
-0,220	0,279	-0,007	0,008	0,374	FALSE
0,106	0,296	0,003	0,012	0,110	FALSE
0,131	0,278	0,004	0,011	0,142	FALSE
0,130	0,296	0,006	0,013	0,196	FALSE
-0,011	0,291	0,001	0,007	0,026	FALSE
-0,063	0,289	-0,001	0,007	0,037	FALSE
0,089	0,288	0,002	0,008	0,093	FALSE
0,074	0,304	0,002	0,009	0,068	FALSE
-0,033	0,271	0,000	0,010	0,017	FALSE
0,014	0,292	0,002	0,009	0,094	FALSE
0,136	0,279	0,004	0,008	0,234	FALSE
-0,239	0,274	-0,008	0,009	0,436	FALSE
0,034	0,279	0,002	0,011	0,056	FALSE
0,128	0,271	0,008	0,014	0,271	FALSE
0,106	0,285	0,003	0,008	0,130	FALSE
-0,179	0,283	-0,005	0,007	0,331	FALSE
-0,038	0,275	0,000	0,008	0,002	FALSE
-0,022	0,292	-0,003	0,010	0,132	FALSE
0,077	0,293	0,005	0,015	0,118	FALSE
0,082	0,274	0,002	0,008	0,079	FALSE
0,076	0,277	0,002	0,009	0,090	FALSE
0,087	0,285	0,002	0,011	0,086	FALSE
-0,035	0,283	-0,002	0,015	0,039	FALSE
0,043	0,288	0,001	0,008	0,044	FALSE
0,035	0,278	0,001	0,009	0,022	FALSE
-0,203	0,280	-0,005	0,009	0,236	FALSE
-0,087	0,284	-0,005	0,012	0,172	FALSE
-0,013	0,289	-0,001	0,011	0,021	FALSE
0,049	0,286	0,002	0,012	0,051	FALSE
0,035	0,299	0,001	0,010	0,028	FALSE
0,055	0,286	0,001	0,009	0,057	FALSE
0,083	0,279	0,002	0,008	0,100	FALSE
-0,145	0,277	-0,003	0,007	0,144	FALSE
0,007	0,285	-0,001	0,008	0,043	FALSE
0,072	0,290	0,003	0,008	0,128	FALSE
0,102	0,276	0,002	0,010	0,054	FALSE
0,105	0,282	0,003	0,008	0,150	FALSE
0,160	0,283	0,003	0,011	0,117	FALSE
-0,145	0,270	-0,007	0,012	0,238	FALSE

-0,102	0,280	-0,004	0,012	0,149	FALSE
0,170	0,284	0,009	0,014	0,283	FALSE
-0,099	0,283	-0,001	0,007	0,068	FALSE
-0,003	0,299	0,000	0,011	0,003	FALSE
-0,148	0,274	-0,003	0,008	0,165	FALSE
0,059	0,279	0,001	0,010	0,027	FALSE
0,031	0,277	-0,003	0,011	0,124	FALSE
0,177	0,281	0,005	0,009	0,225	FALSE
0,120	0,280	0,003	0,011	0,108	FALSE
0,026	0,279	-0,001	0,009	0,034	FALSE
0,036	0,283	-0,001	0,009	0,021	FALSE
0,192	0,285	0,005	0,008	0,234	FALSE
0,049	0,293	0,002	0,011	0,049	FALSE
0,072	0,285	0,002	0,009	0,085	FALSE
-0,074	0,288	-0,002	0,011	0,086	FALSE
0,152	0,271	0,006	0,009	0,272	FALSE
0,051	0,290	0,003	0,008	0,174	FALSE
-0,128	0,283	-0,005	0,013	0,163	FALSE
-0,180	0,275	-0,006	0,009	0,281	FALSE
-0,153	0,257	-0,004	0,013	0,133	FALSE
0,014	0,276	0,001	0,014	0,030	FALSE
0,000	0,287	0,000	0,013	0,013	FALSE
-0,131	0,282	-0,004	0,009	0,203	FALSE
-0,001	0,280	0,001	0,012	0,019	FALSE
0,065	0,278	0,001	0,009	0,043	FALSE
-0,061	0,276	-0,006	0,014	0,172	FALSE
-0,243	0,287	-0,007	0,010	0,333	FALSE
-0,123	0,280	-0,002	0,013	0,060	FALSE
-0,101	0,301	-0,001	0,009	0,049	FALSE
-0,137	0,284	-0,005	0,009	0,217	FALSE
0,063	0,291	0,000	0,011	0,000	FALSE
0,083	0,288	0,003	0,014	0,067	FALSE
-0,137	0,279	-0,003	0,014	0,090	FALSE
-0,043	0,297	0,002	0,014	0,042	FALSE
0,105	0,277	0,004	0,014	0,114	FALSE
-0,015	0,277	0,000	0,014	0,005	FALSE
0,045	0,281	0,002	0,012	0,063	FALSE
0,018	0,281	0,001	0,008	0,024	FALSE
-0,007	0,298	-0,001	0,014	0,020	FALSE
0,123	0,276	0,006	0,012	0,197	FALSE
0,052	0,297	0,005	0,015	0,128	FALSE
0,056	0,296	0,001	0,013	0,013	FALSE
-0,047	0,292	0,000	0,008	0,001	FALSE
0,036	0,280	0,002	0,015	0,037	FALSE
0,033	0,291	0,001	0,015	0,033	FALSE
-0,016	0,289	-0,002	0,014	0,053	FALSE
-0,006	0,304	-0,002	0,015	0,056	FALSE
-0,062	0,281	-0,004	0,013	0,139	FALSE
-0,068	0,291	-0,001	0,008	0,056	FALSE
-0,131	0,289	-0,003	0,013	0,086	FALSE
0,030	0,285	0,000	0,013	0,000	FALSE
-0,039	0,281	-0,003	0,013	0,087	FALSE
0,051	0,287	0,000	0,011	0,000	FALSE

0,093	0,260	0,002	0,007	0,100	FALSE
-0,022	0,278	0,001	0,008	0,052	FALSE
-0,097	0,290	-0,005	0,014	0,147	FALSE
0,009	0,283	0,001	0,009	0,049	FALSE
0,039	0,293	0,003	0,012	0,100	FALSE
0,023	0,299	0,000	0,014	0,006	FALSE
-0,031	0,298	-0,002	0,012	0,052	FALSE
0,028	0,288	0,002	0,010	0,073	FALSE
0,040	0,288	0,000	0,012	0,011	FALSE
-0,132	0,282	-0,004	0,007	0,197	FALSE
-0,117	0,277	-0,002	0,008	0,117	FALSE
-0,085	0,289	-0,001	0,008	0,058	FALSE
0,066	0,281	0,001	0,007	0,039	FALSE
-0,183	0,278	-0,005	0,009	0,231	FALSE
0,029	0,292	0,001	0,011	0,049	FALSE
0,041	0,298	0,003	0,011	0,092	FALSE
0,205	0,258	0,004	0,008	0,187	FALSE
-0,155	0,280	-0,005	0,011	0,179	FALSE
0,129	0,288	0,006	0,014	0,178	FALSE
0,086	0,303	0,004	0,015	0,106	FALSE
0,059	0,295	0,001	0,008	0,064	FALSE
0,049	0,291	0,002	0,008	0,093	FALSE
0,074	0,288	0,004	0,011	0,144	FALSE
0,127	0,287	0,005	0,011	0,162	FALSE
-0,053	0,274	-0,004	0,009	0,152	FALSE
0,084	0,281	0,004	0,010	0,180	FALSE
-0,082	0,280	-0,004	0,014	0,121	FALSE
0,102	0,286	0,002	0,010	0,072	FALSE
0,170	0,289	0,002	0,008	0,128	FALSE
0,080	0,280	0,002	0,010	0,066	FALSE
0,046	0,293	0,001	0,013	0,032	FALSE
0,174	0,275	0,003	0,008	0,129	FALSE
0,005	0,294	0,000	0,014	0,004	FALSE
0,124	0,289	0,006	0,013	0,187	FALSE
0,147	0,277	0,007	0,013	0,226	FALSE
0,115	0,286	0,005	0,009	0,215	FALSE
0,119	0,282	0,005	0,010	0,207	FALSE
-0,010	0,282	0,001	0,008	0,040	FALSE
0,051	0,283	0,001	0,014	0,028	FALSE
-0,002	0,275	0,001	0,009	0,029	FALSE
0,075	0,285	-0,001	0,010	0,031	FALSE
-0,115	0,282	-0,002	0,014	0,058	FALSE
0,020	0,286	0,001	0,011	0,042	FALSE
0,088	0,285	0,004	0,012	0,148	FALSE
0,085	0,283	0,003	0,009	0,118	FALSE
0,042	0,300	0,002	0,009	0,078	FALSE
-0,146	0,281	-0,005	0,011	0,212	FALSE
-0,116	0,289	-0,004	0,011	0,142	FALSE
-0,134	0,271	-0,005	0,011	0,193	FALSE
0,136	0,293	0,002	0,009	0,102	FALSE
0,060	0,287	0,001	0,008	0,063	FALSE
-0,041	0,293	0,000	0,012	0,006	FALSE
-0,095	0,274	-0,004	0,011	0,140	FALSE

-0,073	0,288	-0,003	0,008	0,125	FALSE
-0,053	0,289	-0,002	0,011	0,048	FALSE
0,127	0,281	0,003	0,008	0,167	FALSE
0,008	0,284	-0,001	0,015	0,033	FALSE
0,012	0,291	0,000	0,011	0,001	FALSE
0,020	0,279	0,000	0,014	0,003	FALSE
-0,077	0,282	-0,003	0,011	0,101	FALSE
-0,007	0,296	-0,001	0,007	0,036	FALSE
-0,146	0,272	-0,005	0,009	0,227	FALSE
0,042	0,284	0,000	0,008	0,010	FALSE
0,180	0,273	0,003	0,008	0,139	FALSE
0,167	0,279	0,003	0,008	0,117	FALSE
0,117	0,292	0,002	0,008	0,102	FALSE
0,068	0,294	0,002	0,009	0,068	FALSE
-0,144	0,281	-0,002	0,008	0,106	FALSE
-0,070	0,305	-0,001	0,008	0,035	FALSE
-0,228	0,276	-0,006	0,008	0,337	FALSE
0,067	0,294	0,002	0,011	0,079	FALSE
-0,161	0,284	-0,006	0,013	0,180	FALSE
0,144	0,280	0,004	0,009	0,216	FALSE
-0,038	0,284	0,000	0,015	0,011	FALSE
0,121	0,279	0,004	0,009	0,171	FALSE
-0,013	0,293	-0,002	0,008	0,102	FALSE
-0,132	0,295	-0,003	0,011	0,108	FALSE
0,082	0,282	0,003	0,014	0,084	FALSE
0,013	0,288	-0,001	0,009	0,030	FALSE
-0,106	0,287	-0,005	0,011	0,183	FALSE
0,076	0,288	0,003	0,009	0,126	FALSE
-0,059	0,299	-0,002	0,008	0,093	FALSE
0,088	0,281	0,003	0,013	0,072	FALSE
0,034	0,272	0,001	0,009	0,041	FALSE
-0,038	0,291	-0,001	0,011	0,049	FALSE
0,049	0,283	0,001	0,007	0,033	FALSE
0,018	0,280	0,001	0,008	0,050	FALSE
0,155	0,297	0,008	0,015	0,243	FALSE
-0,073	0,294	-0,003	0,015	0,081	FALSE
0,236	0,289	0,004	0,007	0,258	FALSE
-0,239	0,263	-0,007	0,009	0,342	FALSE
0,029	0,285	0,000	0,008	0,012	FALSE
-0,127	0,283	-0,006	0,015	0,177	FALSE
-0,217	0,268	-0,007	0,011	0,300	FALSE
-0,037	0,276	0,000	0,007	0,004	FALSE
-0,149	0,285	-0,007	0,014	0,207	FALSE
-0,002	0,287	0,000	0,008	0,019	FALSE
0,017	0,310	0,000	0,013	0,014	FALSE
0,119	0,294	0,004	0,009	0,169	FALSE
0,083	0,276	0,002	0,010	0,054	FALSE
0,143	0,277	0,004	0,008	0,197	FALSE
0,062	0,282	-0,001	0,010	0,033	FALSE
-0,102	0,296	-0,007	0,015	0,189	FALSE
-0,080	0,278	-0,005	0,013	0,145	FALSE
0,090	0,275	0,001	0,008	0,058	FALSE
-0,057	0,280	-0,001	0,009	0,051	FALSE

0,119	0,284	0,003	0,009	0,126	FALSE
0,081	0,296	0,002	0,014	0,059	FALSE
-0,044	0,289	0,001	0,014	0,022	FALSE
-0,064	0,277	-0,004	0,014	0,118	FALSE
-0,021	0,280	0,000	0,012	0,005	FALSE
-0,037	0,277	-0,001	0,011	0,028	FALSE
-0,007	0,270	0,000	0,014	0,002	FALSE
0,000	0,294	0,000	0,013	0,002	FALSE
0,104	0,289	0,005	0,013	0,162	FALSE
0,109	0,291	0,003	0,009	0,138	FALSE
0,062	0,287	0,000	0,008	0,009	FALSE
0,073	0,296	0,005	0,014	0,128	FALSE
0,151	0,287	0,004	0,009	0,165	FALSE
-0,105	0,280	-0,004	0,010	0,148	FALSE
-0,058	0,297	-0,001	0,011	0,048	FALSE
-0,105	0,284	-0,002	0,007	0,129	FALSE
-0,039	0,288	-0,001	0,008	0,057	FALSE
0,090	0,277	0,001	0,010	0,047	FALSE
-0,013	0,281	0,000	0,008	0,003	FALSE
0,003	0,289	0,000	0,008	0,013	FALSE
0,157	0,280	0,005	0,008	0,263	FALSE
0,124	0,280	0,006	0,010	0,277	FALSE
0,085	0,303	0,004	0,010	0,160	FALSE
0,136	0,289	0,007	0,012	0,285	FALSE
0,163	0,275	0,004	0,014	0,125	FALSE
-0,001	0,298	0,001	0,009	0,032	FALSE
-0,092	0,295	-0,004	0,014	0,108	FALSE
0,021	0,292	0,001	0,007	0,036	FALSE
-0,019	0,273	0,001	0,011	0,019	FALSE
0,078	0,282	0,004	0,012	0,126	FALSE
-0,102	0,290	-0,005	0,010	0,211	FALSE
0,107	0,295	0,005	0,011	0,187	FALSE
-0,013	0,289	-0,001	0,011	0,045	FALSE
0,151	0,278	0,006	0,011	0,225	FALSE
-0,043	0,301	0,000	0,014	0,010	FALSE
-0,030	0,293	-0,003	0,015	0,083	FALSE
0,028	0,284	0,000	0,008	0,019	FALSE
-0,055	0,273	-0,001	0,009	0,038	FALSE
-0,027	0,295	-0,002	0,012	0,073	FALSE
0,090	0,290	0,003	0,012	0,098	FALSE
0,060	0,298	0,002	0,008	0,082	FALSE
0,056	0,302	0,001	0,013	0,018	FALSE
0,035	0,270	0,001	0,008	0,028	FALSE
0,040	0,287	0,002	0,011	0,056	FALSE
0,143	0,268	0,006	0,014	0,174	FALSE
0,153	0,273	0,002	0,011	0,081	FALSE
-0,131	0,282	-0,006	0,015	0,172	FALSE
-0,125	0,288	-0,003	0,007	0,167	FALSE
-0,031	0,294	-0,002	0,009	0,066	FALSE
0,014	0,275	-0,002	0,015	0,049	FALSE
0,098	0,297	0,001	0,008	0,065	FALSE
-0,078	0,283	-0,001	0,007	0,074	FALSE
0,145	0,266	0,005	0,013	0,172	FALSE

0,002	0,281	0,000	0,008	0,003	FALSE
-0,085	0,283	-0,002	0,007	0,079	FALSE
-0,022	0,282	-0,001	0,014	0,019	FALSE
-0,032	0,284	0,000	0,009	0,005	FALSE
-0,041	0,284	-0,003	0,011	0,082	FALSE
0,032	0,287	0,002	0,014	0,060	FALSE
-0,042	0,292	-0,002	0,014	0,043	FALSE
0,019	0,283	0,000	0,009	0,000	FALSE
-0,064	0,282	-0,002	0,012	0,049	FALSE
0,047	0,291	0,003	0,009	0,106	FALSE
0,040	0,279	0,002	0,011	0,070	FALSE
0,003	0,288	0,000	0,008	0,008	FALSE
0,033	0,291	0,001	0,008	0,024	FALSE
-0,198	0,281	-0,008	0,010	0,366	FALSE
0,146	0,297	0,002	0,008	0,109	FALSE
-0,060	0,293	-0,003	0,012	0,107	FALSE
-0,106	0,293	-0,005	0,011	0,166	TRUE
-0,196	0,275	-0,004	0,008	0,224	FALSE
-0,072	0,288	-0,003	0,014	0,069	FALSE
-0,048	0,282	-0,001	0,014	0,019	FALSE
0,206	0,287	0,009	0,015	0,259	FALSE
0,214	0,282	0,009	0,015	0,268	FALSE
-0,038	0,290	-0,002	0,012	0,062	FALSE
0,198	0,274	0,009	0,015	0,263	FALSE
-0,063	0,274	0,000	0,007	0,023	FALSE
-0,254	0,285	-0,007	0,010	0,293	FALSE
0,092	0,289	0,003	0,008	0,144	FALSE
0,033	0,277	0,000	0,011	0,005	FALSE
0,014	0,284	0,000	0,009	0,015	FALSE
0,086	0,302	0,003	0,015	0,083	FALSE
0,130	0,280	0,002	0,007	0,135	FALSE
0,006	0,286	-0,001	0,010	0,041	FALSE
-0,133	0,286	-0,003	0,010	0,128	FALSE
-0,134	0,291	-0,002	0,009	0,081	FALSE
0,098	0,285	0,003	0,008	0,157	FALSE
0,017	0,286	0,002	0,013	0,061	FALSE
-0,081	0,286	-0,004	0,012	0,118	FALSE
0,105	0,295	0,002	0,008	0,095	FALSE
0,089	0,297	0,002	0,009	0,072	FALSE
0,051	0,294	0,000	0,012	0,014	FALSE
-0,083	0,306	-0,002	0,008	0,105	FALSE
-0,099	0,287	-0,001	0,007	0,077	FALSE
-0,086	0,291	-0,004	0,009	0,175	FALSE
-0,076	0,291	-0,002	0,009	0,095	FALSE
-0,094	0,302	-0,003	0,008	0,128	FALSE
-0,076	0,287	-0,003	0,008	0,118	FALSE
0,097	0,285	0,004	0,014	0,096	FALSE
-0,027	0,280	-0,001	0,010	0,018	FALSE
-0,077	0,297	-0,005	0,015	0,131	FALSE
0,005	0,296	0,000	0,014	0,012	FALSE
-0,143	0,284	-0,003	0,009	0,138	FALSE
0,122	0,278	0,006	0,014	0,170	FALSE
-0,075	0,281	-0,004	0,013	0,101	FALSE

-0,003	0,284	-0,001	0,008	0,036	FALSE
0,170	0,293	0,003	0,008	0,161	FALSE
-0,020	0,287	-0,002	0,014	0,061	FALSE
0,004	0,291	-0,002	0,014	0,049	FALSE
0,046	0,279	0,002	0,009	0,070	FALSE
0,079	0,292	0,003	0,009	0,120	FALSE
-0,041	0,303	-0,003	0,012	0,087	FALSE
0,035	0,286	-0,001	0,013	0,036	FALSE
0,199	0,296	0,005	0,008	0,290	FALSE
0,023	0,281	0,001	0,008	0,056	FALSE
0,001	0,282	-0,001	0,007	0,034	FALSE
-0,045	0,298	0,001	0,013	0,019	FALSE
0,117	0,290	0,003	0,009	0,136	FALSE
-0,102	0,283	-0,003	0,012	0,080	FALSE
-0,067	0,288	-0,002	0,008	0,102	FALSE
-0,073	0,273	-0,001	0,008	0,048	FALSE
-0,086	0,296	-0,002	0,008	0,112	FALSE
-0,004	0,280	-0,001	0,009	0,049	FALSE
0,068	0,289	0,001	0,008	0,063	FALSE
-0,061	0,290	-0,001	0,013	0,041	FALSE
-0,106	0,278	-0,004	0,009	0,186	FALSE
0,017	0,288	0,001	0,014	0,017	FALSE
0,018	0,297	0,002	0,010	0,073	FALSE
0,051	0,293	0,002	0,008	0,090	FALSE
0,072	0,283	0,001	0,007	0,033	FALSE
-0,061	0,283	-0,004	0,013	0,133	FALSE
0,177	0,269	0,007	0,013	0,242	FALSE
-0,229	0,279	-0,008	0,012	0,292	FALSE
-0,067	0,290	-0,002	0,014	0,063	FALSE
0,210	0,267	0,008	0,013	0,272	FALSE
0,174	0,264	0,007	0,013	0,208	FALSE
-0,174	0,269	-0,006	0,014	0,177	FALSE
-0,019	0,284	-0,002	0,008	0,075	FALSE
0,115	0,287	0,005	0,014	0,130	FALSE
0,145	0,277	0,006	0,013	0,190	FALSE
-0,059	0,296	-0,002	0,011	0,049	FALSE
0,040	0,281	0,000	0,007	0,005	FALSE
0,029	0,287	-0,001	0,013	0,027	FALSE
0,120	0,280	0,004	0,010	0,160	FALSE
-0,113	0,279	-0,002	0,010	0,090	FALSE
-0,051	0,298	-0,001	0,011	0,030	FALSE
-0,020	0,290	0,001	0,009	0,026	FALSE
0,041	0,294	0,001	0,013	0,023	FALSE
0,046	0,297	0,002	0,009	0,102	FALSE
0,053	0,283	0,000	0,008	0,007	FALSE
0,041	0,289	0,000	0,008	0,007	FALSE
0,099	0,286	0,004	0,013	0,109	FALSE
0,006	0,286	0,000	0,007	0,005	FALSE
-0,081	0,270	-0,005	0,014	0,150	FALSE
0,087	0,274	0,004	0,015	0,109	FALSE
0,021	0,279	0,000	0,008	0,008	FALSE
-0,069	0,294	-0,001	0,012	0,022	FALSE
-0,025	0,272	-0,002	0,009	0,072	FALSE

-0,111	0,268	-0,004	0,009	0,209	FALSE
0,019	0,283	0,002	0,013	0,046	FALSE
0,068	0,277	0,001	0,014	0,032	FALSE
0,013	0,283	0,001	0,008	0,046	FALSE
0,150	0,279	0,007	0,011	0,281	FALSE
0,052	0,302	0,002	0,008	0,100	FALSE
0,109	0,295	0,006	0,014	0,174	FALSE
0,039	0,280	0,002	0,011	0,063	FALSE
-0,066	0,274	-0,007	0,014	0,190	FALSE
0,040	0,279	0,002	0,015	0,054	FALSE
0,143	0,282	0,005	0,015	0,128	FALSE
-0,132	0,289	-0,004	0,010	0,152	FALSE
-0,102	0,282	-0,001	0,008	0,046	FALSE
-0,030	0,284	-0,003	0,012	0,080	FALSE
-0,163	0,286	-0,009	0,013	0,284	FALSE
-0,040	0,287	-0,001	0,010	0,054	FALSE
0,177	0,290	0,007	0,010	0,325	FALSE
0,027	0,286	0,003	0,010	0,105	FALSE
0,159	0,272	0,002	0,007	0,099	FALSE
-0,051	0,293	0,000	0,014	0,009	FALSE
-0,183	0,290	-0,004	0,009	0,180	FALSE
-0,177	0,276	-0,004	0,008	0,197	FALSE
-0,236	0,277	-0,007	0,010	0,318	FALSE
-0,248	0,274	-0,008	0,010	0,407	FALSE
-0,147	0,281	-0,004	0,010	0,187	FALSE
0,144	0,284	0,008	0,015	0,244	FALSE
0,093	0,280	0,001	0,015	0,018	FALSE
0,098	0,289	0,003	0,014	0,092	FALSE
0,066	0,282	0,001	0,007	0,062	FALSE
-0,141	0,273	-0,003	0,009	0,135	FALSE
-0,075	0,288	-0,002	0,015	0,063	FALSE
0,066	0,292	0,003	0,008	0,128	FALSE
-0,256	0,270	-0,011	0,015	0,341	FALSE
0,069	0,287	0,002	0,008	0,093	FALSE
0,187	0,278	0,004	0,009	0,192	FALSE
0,038	0,298	0,002	0,014	0,067	FALSE
-0,062	0,290	-0,001	0,012	0,033	FALSE
-0,037	0,285	-0,004	0,014	0,104	FALSE
0,172	0,275	0,005	0,010	0,225	FALSE
-0,002	0,284	0,002	0,009	0,066	FALSE
-0,046	0,280	-0,002	0,010	0,086	FALSE
-0,029	0,288	-0,002	0,011	0,076	FALSE
-0,096	0,289	-0,004	0,011	0,146	FALSE
-0,043	0,286	-0,004	0,014	0,103	FALSE
-0,056	0,281	-0,002	0,013	0,056	FALSE
-0,090	0,289	-0,002	0,008	0,079	FALSE
0,044	0,293	0,002	0,011	0,083	FALSE
0,059	0,294	0,002	0,011	0,089	FALSE
0,108	0,286	0,004	0,012	0,125	FALSE
-0,159	0,279	-0,006	0,011	0,225	FALSE
-0,015	0,288	0,000	0,013	0,010	FALSE
0,053	0,300	0,002	0,010	0,082	FALSE
-0,001	0,292	-0,001	0,008	0,028	FALSE

-0,091	0,279	-0,005	0,013	0,152	FALSE
0,057	0,283	0,002	0,010	0,068	FALSE
-0,037	0,275	-0,002	0,007	0,078	FALSE
-0,211	0,272	-0,009	0,014	0,288	FALSE
0,085	0,297	0,002	0,012	0,068	FALSE
0,052	0,285	0,004	0,014	0,095	FALSE
0,135	0,276	0,006	0,014	0,184	FALSE
0,035	0,279	0,002	0,013	0,071	FALSE
-0,055	0,286	-0,001	0,015	0,019	FALSE
-0,133	0,280	-0,003	0,009	0,122	FALSE
-0,157	0,263	-0,007	0,015	0,201	FALSE
-0,008	0,283	0,001	0,016	0,023	FALSE
-0,018	0,291	-0,001	0,013	0,019	FALSE
-0,026	0,285	0,000	0,014	0,000	FALSE
-0,009	0,286	0,000	0,012	0,004	FALSE
0,142	0,288	0,005	0,014	0,130	FALSE
-0,070	0,293	-0,003	0,009	0,137	FALSE
-0,144	0,288	-0,003	0,010	0,143	FALSE
0,116	0,295	0,007	0,014	0,210	FALSE
-0,130	0,289	-0,004	0,014	0,106	FALSE
-0,120	0,291	-0,006	0,015	0,148	FALSE
0,068	0,308	0,004	0,015	0,086	FALSE
-0,214	0,265	-0,010	0,013	0,341	FALSE
0,195	0,290	0,005	0,008	0,284	FALSE
0,029	0,280	0,001	0,008	0,021	FALSE
0,024	0,291	0,001	0,010	0,027	FALSE
-0,061	0,277	-0,003	0,011	0,110	FALSE
-0,029	0,279	-0,002	0,014	0,061	FALSE
-0,041	0,289	-0,001	0,010	0,031	FALSE
-0,107	0,294	-0,004	0,013	0,128	FALSE
0,018	0,274	0,000	0,014	0,012	FALSE
0,138	0,274	0,006	0,014	0,169	FALSE
-0,073	0,283	-0,003	0,010	0,110	FALSE
0,049	0,286	0,002	0,013	0,045	FALSE
-0,012	0,292	0,002	0,013	0,061	FALSE
-0,026	0,290	0,001	0,014	0,019	FALSE
0,051	0,289	0,001	0,015	0,026	FALSE
-0,085	0,296	-0,002	0,009	0,092	FALSE
0,079	0,293	0,005	0,015	0,127	FALSE
0,048	0,286	0,002	0,014	0,046	FALSE
0,087	0,282	0,004	0,011	0,151	FALSE
-0,017	0,301	0,001	0,012	0,020	FALSE
0,055	0,298	0,001	0,012	0,044	FALSE
0,019	0,285	0,001	0,013	0,018	FALSE
0,052	0,304	0,003	0,015	0,077	FALSE
0,080	0,285	0,004	0,015	0,116	FALSE
-0,043	0,281	-0,001	0,012	0,015	FALSE
-0,133	0,293	-0,007	0,015	0,207	FALSE
-0,097	0,283	-0,001	0,007	0,047	FALSE
-0,183	0,284	-0,007	0,010	0,316	FALSE
-0,020	0,290	-0,001	0,011	0,041	FALSE
-0,006	0,279	0,000	0,012	0,013	FALSE
-0,002	0,289	0,001	0,008	0,060	FALSE

-0,019	0,281	0,002	0,014	0,046	FALSE
-0,146	0,287	-0,005	0,011	0,183	FALSE
0,136	0,298	0,008	0,015	0,241	FALSE
0,074	0,291	0,004	0,015	0,105	FALSE
-0,103	0,295	-0,005	0,014	0,154	FALSE
-0,048	0,294	-0,001	0,015	0,024	FALSE
0,007	0,280	-0,002	0,012	0,068	FALSE
0,027	0,284	-0,002	0,012	0,057	FALSE
-0,001	0,297	-0,003	0,012	0,080	FALSE
-0,015	0,298	0,000	0,009	0,007	FALSE
0,147	0,291	0,004	0,009	0,176	FALSE
-0,021	0,301	-0,001	0,011	0,048	FALSE
0,151	0,278	0,008	0,013	0,242	FALSE
0,008	0,295	0,001	0,009	0,045	FALSE
0,074	0,294	0,001	0,009	0,038	FALSE
0,063	0,275	0,002	0,008	0,101	FALSE
-0,005	0,288	-0,001	0,011	0,017	FALSE
0,109	0,287	0,002	0,010	0,076	FALSE
0,186	0,288	0,008	0,014	0,256	FALSE
0,190	0,278	0,009	0,014	0,275	FALSE
0,111	0,288	0,005	0,014	0,153	FALSE
0,005	0,292	-0,001	0,008	0,032	FALSE
0,066	0,290	0,003	0,013	0,095	FALSE
0,084	0,281	0,005	0,014	0,142	FALSE
-0,028	0,282	-0,001	0,013	0,035	FALSE
0,004	0,288	0,001	0,012	0,022	FALSE
0,015	0,289	0,001	0,013	0,041	FALSE
-0,019	0,292	-0,001	0,013	0,016	FALSE
-0,123	0,290	-0,002	0,010	0,079	FALSE
-0,072	0,292	-0,003	0,015	0,083	FALSE
-0,078	0,291	-0,003	0,014	0,067	FALSE
0,103	0,287	0,006	0,015	0,174	FALSE
-0,123	0,279	-0,005	0,011	0,179	FALSE
0,085	0,280	0,005	0,014	0,139	FALSE
0,087	0,289	0,002	0,008	0,089	FALSE
-0,092	0,286	-0,003	0,009	0,122	FALSE
0,127	0,290	0,004	0,008	0,174	FALSE
0,051	0,287	0,004	0,014	0,124	FALSE
-0,020	0,286	0,003	0,009	0,113	FALSE
-0,114	0,285	-0,004	0,011	0,153	FALSE
-0,100	0,279	-0,002	0,012	0,073	FALSE
-0,065	0,270	-0,002	0,010	0,053	FALSE
0,173	0,282	0,005	0,011	0,169	FALSE
0,021	0,276	0,002	0,015	0,051	FALSE
-0,049	0,284	-0,005	0,011	0,184	FALSE
0,131	0,278	0,003	0,011	0,107	FALSE
-0,010	0,291	-0,003	0,012	0,099	FALSE
-0,044	0,279	-0,003	0,010	0,102	FALSE
0,084	0,275	0,002	0,011	0,053	FALSE
0,002	0,289	-0,001	0,010	0,055	FALSE
0,098	0,275	0,002	0,014	0,060	FALSE
-0,005	0,289	-0,002	0,010	0,057	FALSE
0,031	0,275	-0,001	0,009	0,033	FALSE

-0,117	0,286	-0,002	0,008	0,077	FALSE
0,015	0,270	-0,002	0,014	0,059	FALSE
0,082	0,292	0,004	0,010	0,155	FALSE
0,127	0,280	0,003	0,009	0,128	FALSE
0,153	0,282	0,005	0,010	0,195	FALSE
0,017	0,283	0,001	0,008	0,058	FALSE
-0,147	0,302	-0,005	0,009	0,230	FALSE
-0,006	0,282	-0,001	0,009	0,060	FALSE
0,016	0,272	-0,001	0,009	0,033	FALSE
0,063	0,272	0,001	0,008	0,032	FALSE
0,035	0,276	0,000	0,007	0,013	FALSE
0,082	0,281	0,001	0,008	0,038	FALSE
0,020	0,302	0,001	0,011	0,043	FALSE
0,009	0,293	0,001	0,011	0,042	FALSE
-0,006	0,301	0,000	0,010	0,016	FALSE
0,167	0,297	0,005	0,009	0,223	FALSE
0,136	0,296	0,003	0,010	0,116	FALSE
0,002	0,290	-0,001	0,011	0,041	FALSE
-0,021	0,284	0,001	0,009	0,041	FALSE
0,007	0,292	0,001	0,008	0,030	FALSE
-0,083	0,277	-0,004	0,010	0,150	FALSE
0,142	0,275	0,003	0,010	0,131	FALSE
-0,126	0,281	-0,002	0,009	0,076	FALSE
0,094	0,301	0,002	0,009	0,088	FALSE
-0,046	0,303	-0,002	0,011	0,069	FALSE
0,045	0,287	0,001	0,009	0,055	FALSE
0,154	0,292	0,004	0,010	0,177	FALSE
0,088	0,271	0,003	0,010	0,096	FALSE
0,062	0,290	0,001	0,009	0,042	FALSE
0,058	0,296	0,002	0,010	0,056	FALSE
0,015	0,298	0,001	0,011	0,036	FALSE
0,085	0,282	0,004	0,008	0,208	FALSE
0,024	0,285	0,001	0,010	0,045	FALSE
-0,068	0,284	-0,001	0,009	0,049	FALSE
0,091	0,267	0,003	0,015	0,083	FALSE
0,084	0,277	0,004	0,014	0,105	FALSE
-0,018	0,275	-0,001	0,012	0,023	FALSE
-0,100	0,286	-0,006	0,014	0,161	FALSE
-0,077	0,295	-0,002	0,015	0,051	FALSE
0,037	0,290	-0,001	0,014	0,022	FALSE
0,017	0,286	0,000	0,011	0,003	FALSE
0,027	0,268	-0,001	0,013	0,037	FALSE
-0,055	0,277	0,001	0,009	0,023	FALSE
0,128	0,288	0,005	0,013	0,166	FALSE
0,126	0,283	0,006	0,012	0,192	FALSE
-0,030	0,278	-0,001	0,015	0,019	FALSE
0,056	0,281	0,001	0,012	0,029	FALSE
0,068	0,287	0,001	0,013	0,043	FALSE
0,067	0,277	0,001	0,012	0,037	FALSE
0,064	0,270	0,001	0,008	0,026	FALSE
-0,010	0,283	0,002	0,013	0,059	FALSE
0,070	0,288	0,002	0,013	0,060	FALSE
0,072	0,281	0,002	0,009	0,092	FALSE

-0,009	0,298	0,000	0,011	0,014	FALSE
0,021	0,281	-0,001	0,011	0,037	FALSE
0,028	0,287	0,002	0,009	0,065	FALSE
-0,060	0,275	-0,003	0,013	0,086	FALSE
-0,007	0,282	-0,001	0,007	0,053	FALSE
0,044	0,304	0,003	0,014	0,072	FALSE
0,015	0,282	-0,001	0,009	0,030	FALSE
-0,170	0,290	-0,004	0,008	0,254	FALSE
-0,210	0,276	-0,005	0,007	0,312	FALSE
-0,218	0,279	-0,005	0,007	0,312	FALSE
0,123	0,287	0,005	0,010	0,188	FALSE
0,035	0,282	0,003	0,014	0,085	FALSE
-0,050	0,287	0,000	0,008	0,020	FALSE
-0,026	0,264	-0,003	0,009	0,137	FALSE
0,098	0,272	0,002	0,007	0,103	FALSE
-0,119	0,286	-0,005	0,011	0,170	FALSE
-0,032	0,295	-0,002	0,009	0,075	FALSE
0,048	0,303	0,001	0,009	0,046	FALSE
0,024	0,293	0,001	0,009	0,027	FALSE
-0,010	0,295	0,000	0,013	0,007	FALSE
-0,050	0,291	-0,002	0,012	0,058	FALSE
-0,081	0,294	-0,004	0,010	0,152	FALSE
-0,079	0,279	-0,004	0,009	0,189	FALSE
-0,050	0,290	-0,002	0,015	0,039	FALSE
-0,107	0,281	-0,004	0,011	0,135	FALSE
0,071	0,278	0,002	0,011	0,069	FALSE
-0,018	0,301	0,001	0,012	0,017	FALSE
-0,040	0,292	0,000	0,008	0,023	FALSE
-0,112	0,296	-0,002	0,008	0,085	FALSE
-0,010	0,288	0,001	0,009	0,039	FALSE
0,005	0,299	0,001	0,009	0,049	FALSE
0,028	0,294	0,001	0,009	0,032	FALSE
0,202	0,284	0,011	0,013	0,372	FALSE
-0,014	0,279	0,001	0,010	0,050	FALSE
0,042	0,293	0,001	0,011	0,023	FALSE
-0,270	0,267	-0,007	0,009	0,355	FALSE
-0,250	0,250	-0,009	0,010	0,444	FALSE
0,162	0,281	0,008	0,011	0,327	FALSE
-0,017	0,287	0,003	0,015	0,063	FALSE
0,143	0,289	0,007	0,014	0,198	FALSE
0,097	0,283	0,004	0,013	0,121	FALSE
-0,122	0,286	-0,003	0,012	0,089	FALSE
0,091	0,287	0,006	0,011	0,222	FALSE
0,100	0,278	0,007	0,011	0,268	FALSE
0,054	0,281	0,004	0,014	0,101	FALSE
0,070	0,280	0,003	0,013	0,095	FALSE
0,104	0,294	0,003	0,008	0,133	FALSE
0,107	0,291	0,002	0,008	0,101	FALSE
-0,001	0,284	-0,001	0,012	0,045	FALSE
0,081	0,288	0,001	0,014	0,032	FALSE
0,005	0,292	0,001	0,011	0,026	FALSE
-0,181	0,284	-0,006	0,009	0,273	FALSE
0,120	0,279	0,003	0,014	0,074	FALSE

0,001	0,284	0,002	0,010	0,059	FALSE
-0,027	0,276	-0,001	0,009	0,028	FALSE
0,029	0,287	0,001	0,010	0,045	FALSE
0,098	0,281	0,002	0,008	0,086	FALSE
-0,002	0,273	0,001	0,011	0,036	FALSE
-0,130	0,280	-0,003	0,008	0,131	FALSE
0,052	0,284	0,000	0,009	0,017	FALSE
0,143	0,284	0,006	0,012	0,206	FALSE
0,007	0,296	0,000	0,009	0,020	FALSE
0,138	0,285	0,006	0,011	0,237	FALSE
-0,138	0,292	-0,003	0,015	0,071	FALSE
-0,064	0,286	-0,001	0,008	0,026	FALSE
0,059	0,290	0,001	0,010	0,035	FALSE
-0,168	0,288	-0,004	0,009	0,192	FALSE
0,019	0,283	0,000	0,011	0,004	FALSE
-0,064	0,290	-0,001	0,008	0,042	FALSE
-0,102	0,282	-0,002	0,012	0,060	FALSE
0,173	0,271	0,011	0,014	0,376	FALSE
-0,035	0,282	0,002	0,015	0,051	FALSE
0,118	0,280	0,003	0,012	0,077	FALSE
0,051	0,297	0,003	0,010	0,119	FALSE
0,054	0,282	0,001	0,015	0,013	FALSE
-0,195	0,270	-0,004	0,008	0,203	FALSE
-0,116	0,279	-0,003	0,008	0,159	FALSE
-0,211	0,267	-0,005	0,008	0,273	FALSE
0,107	0,276	0,002	0,008	0,081	FALSE
0,081	0,286	0,004	0,010	0,178	FALSE
-0,028	0,284	-0,002	0,008	0,075	FALSE
0,023	0,283	-0,001	0,008	0,047	FALSE
0,235	0,282	0,009	0,012	0,334	FALSE
0,084	0,286	0,002	0,011	0,066	FALSE
-0,064	0,288	-0,005	0,014	0,129	FALSE
0,048	0,280	0,002	0,014	0,065	FALSE
-0,045	0,282	-0,001	0,014	0,016	FALSE
-0,017	0,297	0,000	0,014	0,005	FALSE
-0,008	0,297	0,001	0,014	0,018	FALSE
0,050	0,274	0,002	0,013	0,059	FALSE
0,024	0,273	0,000	0,015	0,006	FALSE
0,108	0,293	0,002	0,007	0,125	FALSE
-0,024	0,281	-0,001	0,008	0,047	FALSE
0,092	0,276	0,003	0,009	0,104	FALSE
0,160	0,275	0,007	0,014	0,201	FALSE
0,127	0,286	0,004	0,009	0,165	FALSE
-0,142	0,281	-0,004	0,009	0,184	FALSE
-0,129	0,275	-0,007	0,014	0,198	FALSE
0,096	0,276	0,002	0,007	0,116	FALSE
0,008	0,295	0,000	0,008	0,015	FALSE
0,077	0,300	0,002	0,012	0,077	FALSE
-0,005	0,291	0,001	0,007	0,051	FALSE
0,154	0,292	0,005	0,010	0,197	FALSE
0,006	0,282	0,004	0,013	0,119	FALSE
0,115	0,291	0,005	0,009	0,210	FALSE
-0,058	0,284	-0,001	0,015	0,012	FALSE

-0,211	0,279	-0,006	0,008	0,384	FALSE
0,026	0,280	-0,001	0,014	0,033	FALSE
0,028	0,292	0,000	0,008	0,018	FALSE
-0,124	0,291	-0,007	0,014	0,212	FALSE
-0,055	0,297	0,000	0,011	0,004	FALSE
0,046	0,301	0,002	0,014	0,061	FALSE
0,068	0,290	0,001	0,011	0,042	FALSE
-0,075	0,294	-0,002	0,007	0,126	FALSE
0,050	0,282	0,001	0,009	0,024	FALSE
0,007	0,288	-0,001	0,008	0,056	FALSE
0,163	0,297	0,006	0,014	0,181	FALSE
-0,022	0,279	-0,001	0,010	0,025	FALSE
0,066	0,280	0,003	0,013	0,098	FALSE
0,018	0,291	0,001	0,011	0,026	FALSE
-0,120	0,287	-0,005	0,016	0,135	FALSE
0,087	0,289	0,003	0,010	0,102	FALSE
-0,106	0,289	-0,004	0,014	0,108	FALSE
-0,073	0,287	-0,001	0,009	0,044	FALSE
-0,045	0,289	0,000	0,009	0,008	FALSE
0,163	0,270	0,010	0,015	0,304	FALSE
-0,106	0,291	-0,003	0,010	0,109	FALSE
-0,039	0,287	-0,002	0,008	0,102	FALSE
-0,127	0,299	-0,003	0,009	0,149	FALSE
0,028	0,282	0,002	0,010	0,069	FALSE
-0,015	0,300	0,001	0,008	0,031	FALSE
-0,151	0,273	-0,006	0,012	0,183	FALSE
-0,066	0,287	-0,005	0,015	0,138	FALSE
0,025	0,269	0,000	0,009	0,012	FALSE
-0,147	0,284	-0,002	0,007	0,130	FALSE
-0,073	0,292	-0,001	0,008	0,052	FALSE
-0,029	0,285	-0,004	0,013	0,128	FALSE
0,044	0,271	-0,002	0,014	0,039	FALSE
-0,112	0,279	-0,007	0,012	0,240	FALSE
-0,120	0,292	-0,001	0,009	0,039	FALSE
-0,072	0,303	-0,002	0,011	0,063	FALSE
0,026	0,298	0,002	0,011	0,085	FALSE
0,003	0,294	0,002	0,015	0,047	FALSE
0,222	0,264	0,007	0,012	0,243	FALSE
-0,036	0,301	-0,001	0,015	0,025	FALSE
0,117	0,281	0,003	0,009	0,137	FALSE
0,123	0,289	0,003	0,009	0,141	FALSE
0,089	0,276	0,001	0,010	0,033	FALSE
-0,061	0,279	-0,002	0,012	0,072	FALSE
-0,010	0,294	0,001	0,008	0,045	FALSE
-0,054	0,278	-0,001	0,007	0,031	FALSE
-0,052	0,288	-0,005	0,015	0,126	FALSE
0,028	0,311	0,001	0,009	0,034	FALSE
-0,038	0,292	0,002	0,012	0,078	FALSE
0,041	0,281	0,000	0,011	0,009	FALSE
0,037	0,288	0,001	0,008	0,047	FALSE
-0,019	0,290	-0,002	0,009	0,084	FALSE
0,047	0,277	0,004	0,014	0,111	FALSE
0,155	0,276	0,005	0,012	0,180	FALSE

0,154	0,288	0,007	0,011	0,270	FALSE
0,098	0,286	0,003	0,011	0,107	FALSE
0,117	0,282	0,006	0,014	0,180	FALSE
0,047	0,290	0,002	0,014	0,049	FALSE
0,043	0,294	0,002	0,012	0,060	FALSE
-0,109	0,279	-0,003	0,008	0,150	FALSE
0,102	0,283	0,002	0,015	0,059	FALSE
0,137	0,286	0,004	0,009	0,202	FALSE
0,050	0,277	0,001	0,012	0,019	FALSE
0,083	0,267	0,003	0,009	0,129	FALSE
0,095	0,282	0,002	0,011	0,083	FALSE
-0,058	0,300	-0,002	0,008	0,087	FALSE
0,108	0,296	0,005	0,014	0,144	FALSE
-0,056	0,277	-0,003	0,008	0,128	FALSE
0,143	0,283	0,007	0,014	0,203	FALSE
-0,025	0,296	0,000	0,010	0,013	FALSE
0,049	0,280	0,002	0,008	0,090	FALSE
0,012	0,276	0,001	0,009	0,034	FALSE
-0,077	0,271	-0,002	0,008	0,112	FALSE
0,075	0,272	0,001	0,008	0,064	FALSE
-0,010	0,278	-0,002	0,014	0,040	FALSE
-0,068	0,295	-0,001	0,009	0,041	FALSE
-0,133	0,272	-0,003	0,009	0,146	FALSE
-0,157	0,281	-0,004	0,007	0,235	FALSE
-0,050	0,297	-0,001	0,008	0,041	FALSE
-0,134	0,276	-0,005	0,015	0,121	FALSE
-0,004	0,290	0,001	0,009	0,021	FALSE
0,143	0,283	0,002	0,012	0,063	FALSE
0,066	0,289	0,000	0,011	0,002	FALSE
-0,053	0,286	-0,001	0,013	0,028	FALSE
-0,007	0,276	0,001	0,010	0,035	FALSE
-0,111	0,268	-0,003	0,008	0,177	FALSE
0,146	0,283	0,004	0,010	0,146	FALSE
-0,124	0,280	-0,003	0,007	0,192	FALSE
-0,085	0,271	-0,002	0,007	0,103	FALSE
-0,065	0,280	-0,002	0,014	0,052	FALSE
0,005	0,294	0,000	0,014	0,007	FALSE
-0,025	0,280	0,001	0,013	0,028	FALSE
0,127	0,281	0,005	0,010	0,219	FALSE
0,114	0,278	0,003	0,010	0,109	FALSE
0,024	0,289	0,003	0,015	0,088	FALSE
-0,139	0,283	-0,002	0,007	0,119	FALSE
-0,012	0,281	-0,001	0,014	0,013	FALSE
-0,180	0,281	-0,011	0,013	0,393	FALSE
0,053	0,287	0,003	0,015	0,088	FALSE
0,055	0,272	0,002	0,014	0,050	FALSE
0,095	0,287	0,002	0,011	0,071	FALSE
-0,022	0,278	0,002	0,010	0,068	FALSE
-0,059	0,294	0,000	0,009	0,004	FALSE
-0,044	0,277	-0,002	0,012	0,074	FALSE
0,013	0,282	-0,001	0,014	0,014	FALSE
0,066	0,296	0,002	0,011	0,053	FALSE
-0,083	0,287	-0,004	0,012	0,143	FALSE

0,057	0,301	0,001	0,012	0,027	FALSE
0,318	0,284	0,012	0,012	0,485	FALSE
0,081	0,303	0,005	0,015	0,140	FALSE
-0,055	0,289	-0,001	0,009	0,037	FALSE
-0,043	0,288	-0,001	0,008	0,024	FALSE
-0,073	0,289	-0,001	0,009	0,026	FALSE
0,085	0,291	0,002	0,008	0,096	FALSE
0,041	0,286	0,001	0,008	0,068	FALSE
0,132	0,285	0,005	0,015	0,139	FALSE
-0,108	0,294	-0,002	0,007	0,113	FALSE
-0,156	0,278	-0,003	0,009	0,150	FALSE
-0,046	0,284	-0,002	0,011	0,061	FALSE
0,073	0,289	0,004	0,013	0,120	FALSE
0,036	0,287	-0,001	0,008	0,022	FALSE
-0,037	0,282	-0,001	0,009	0,043	FALSE
-0,023	0,294	0,000	0,010	0,018	FALSE
-0,143	0,275	-0,003	0,012	0,077	FALSE
-0,129	0,290	-0,004	0,014	0,117	FALSE
-0,115	0,296	-0,004	0,015	0,109	FALSE
-0,051	0,288	-0,002	0,008	0,074	FALSE
-0,079	0,303	-0,005	0,014	0,131	FALSE
-0,033	0,288	0,000	0,011	0,007	FALSE
0,144	0,279	0,003	0,015	0,087	FALSE
-0,048	0,281	-0,002	0,009	0,066	FALSE
-0,063	0,293	-0,002	0,011	0,081	FALSE
-0,018	0,296	-0,001	0,010	0,041	FALSE
0,099	0,297	0,005	0,015	0,136	FALSE
0,036	0,303	0,001	0,011	0,032	FALSE
-0,158	0,294	-0,007	0,015	0,195	FALSE
0,138	0,316	0,007	0,014	0,196	FALSE
0,058	0,297	0,002	0,009	0,089	FALSE
0,068	0,288	0,001	0,010	0,031	FALSE
0,097	0,295	0,003	0,014	0,087	FALSE
0,070	0,286	0,004	0,015	0,096	FALSE
0,102	0,295	0,004	0,009	0,201	FALSE
-0,084	0,270	-0,001	0,008	0,060	FALSE
-0,039	0,287	0,000	0,009	0,016	FALSE
-0,085	0,283	-0,001	0,009	0,058	FALSE
-0,150	0,277	-0,005	0,009	0,207	FALSE
-0,019	0,289	-0,001	0,008	0,034	FALSE
0,014	0,279	0,000	0,007	0,003	FALSE
0,021	0,291	0,000	0,008	0,018	FALSE
0,007	0,283	0,000	0,008	0,000	FALSE
-0,019	0,299	-0,001	0,007	0,028	FALSE
-0,081	0,285	-0,002	0,009	0,100	FALSE
-0,085	0,304	-0,003	0,010	0,112	FALSE
0,055	0,283	0,001	0,007	0,025	FALSE
-0,077	0,296	-0,003	0,009	0,143	FALSE
-0,040	0,296	-0,001	0,008	0,033	FALSE
0,113	0,294	0,002	0,011	0,069	FALSE
-0,083	0,280	-0,002	0,014	0,056	FALSE
-0,114	0,298	-0,006	0,015	0,171	FALSE
0,113	0,278	0,003	0,010	0,124	FALSE

-0,003	0,295	0,000	0,012	0,014	FALSE
-0,086	0,283	-0,003	0,011	0,096	FALSE
-0,042	0,282	-0,002	0,010	0,062	FALSE
0,035	0,292	0,000	0,009	0,018	FALSE
0,033	0,291	0,002	0,010	0,057	FALSE
0,012	0,289	0,000	0,012	0,005	FALSE
-0,106	0,283	-0,003	0,007	0,177	FALSE
0,120	0,271	0,008	0,012	0,305	FALSE
-0,151	0,279	-0,006	0,013	0,177	FALSE
-0,099	0,293	-0,005	0,015	0,144	FALSE
-0,011	0,291	-0,001	0,009	0,038	FALSE
0,026	0,274	0,001	0,010	0,026	FALSE
0,137	0,278	0,006	0,014	0,165	FALSE
-0,016	0,291	0,000	0,013	0,001	FALSE
0,023	0,294	0,002	0,009	0,073	FALSE
-0,075	0,274	-0,001	0,011	0,038	FALSE
0,022	0,286	0,001	0,011	0,029	FALSE
-0,044	0,302	0,001	0,009	0,021	FALSE
0,198	0,277	0,006	0,010	0,266	FALSE
0,073	0,296	0,003	0,012	0,097	FALSE
-0,107	0,271	-0,003	0,009	0,113	FALSE
0,011	0,293	0,002	0,015	0,045	FALSE
-0,089	0,292	-0,003	0,008	0,136	FALSE
-0,036	0,303	0,000	0,009	0,010	FALSE
-0,060	0,286	-0,002	0,015	0,062	FALSE
0,042	0,299	0,002	0,015	0,056	FALSE
0,062	0,280	0,004	0,014	0,107	FALSE
0,112	0,279	0,004	0,011	0,165	FALSE
0,177	0,286	0,007	0,012	0,228	FALSE
0,025	0,284	0,001	0,009	0,051	FALSE
-0,032	0,285	-0,004	0,015	0,110	FALSE
0,082	0,283	0,005	0,013	0,144	FALSE
0,047	0,285	0,001	0,014	0,029	FALSE
-0,060	0,290	-0,001	0,008	0,031	FALSE
-0,136	0,296	-0,003	0,008	0,133	FALSE
-0,061	0,279	-0,004	0,009	0,178	FALSE
0,013	0,288	0,001	0,008	0,028	FALSE
-0,007	0,285	-0,001	0,009	0,055	FALSE
0,012	0,280	-0,001	0,010	0,027	FALSE
0,036	0,272	0,000	0,009	0,004	FALSE
-0,001	0,291	0,001	0,008	0,052	FALSE
0,039	0,270	0,000	0,009	0,008	FALSE
0,008	0,278	0,002	0,011	0,057	FALSE
0,070	0,293	0,003	0,014	0,075	FALSE
0,082	0,292	0,003	0,010	0,132	FALSE
0,019	0,298	0,001	0,009	0,032	FALSE
0,026	0,288	0,000	0,009	0,008	FALSE
-0,025	0,291	-0,002	0,014	0,042	FALSE
0,006	0,291	0,000	0,010	0,006	FALSE
0,018	0,279	0,002	0,014	0,053	FALSE
0,012	0,297	0,000	0,011	0,006	FALSE
0,081	0,292	0,002	0,011	0,080	FALSE
0,123	0,283	0,005	0,010	0,207	FALSE

-0,005	0,261	-0,002	0,013	0,069	FALSE
-0,009	0,298	-0,002	0,015	0,048	FALSE
0,076	0,284	0,002	0,014	0,048	FALSE
0,040	0,308	0,002	0,012	0,057	FALSE
0,205	0,285	0,005	0,009	0,229	FALSE
-0,172	0,277	-0,006	0,010	0,267	FALSE
0,021	0,284	0,003	0,013	0,087	FALSE
-0,062	0,281	-0,001	0,008	0,035	FALSE
-0,086	0,283	-0,001	0,008	0,066	FALSE
-0,097	0,285	-0,003	0,009	0,120	FALSE
0,086	0,274	0,004	0,014	0,104	FALSE
-0,040	0,287	0,000	0,008	0,020	FALSE
-0,137	0,271	-0,005	0,013	0,150	FALSE
-0,034	0,303	-0,002	0,009	0,083	FALSE
0,144	0,304	0,006	0,015	0,181	FALSE
0,013	0,294	0,001	0,011	0,042	FALSE
-0,110	0,294	-0,003	0,011	0,113	FALSE
0,148	0,281	0,004	0,009	0,195	FALSE
0,025	0,287	0,001	0,014	0,026	FALSE
-0,047	0,303	-0,002	0,010	0,078	FALSE
0,081	0,281	0,002	0,013	0,058	FALSE
0,024	0,290	0,000	0,012	0,006	FALSE
0,192	0,296	0,005	0,009	0,218	FALSE
-0,012	0,265	-0,002	0,011	0,082	FALSE
-0,050	0,270	-0,004	0,013	0,123	FALSE
0,077	0,284	0,001	0,015	0,016	FALSE
0,033	0,293	0,001	0,010	0,028	FALSE
-0,120	0,288	-0,003	0,012	0,115	FALSE
0,080	0,285	0,002	0,009	0,070	FALSE
0,001	0,298	-0,001	0,013	0,018	FALSE
0,013	0,281	-0,001	0,008	0,035	FALSE
0,059	0,284	0,003	0,011	0,092	FALSE
0,073	0,286	-0,001	0,014	0,013	FALSE
0,143	0,267	0,003	0,011	0,118	FALSE
-0,050	0,280	-0,002	0,010	0,073	FALSE
0,041	0,294	0,003	0,009	0,124	FALSE
0,011	0,292	0,000	0,008	0,017	FALSE
-0,054	0,296	0,000	0,009	0,012	FALSE
-0,082	0,298	-0,001	0,010	0,032	FALSE
0,145	0,278	0,002	0,008	0,113	FALSE
-0,083	0,280	-0,003	0,010	0,099	FALSE
-0,071	0,289	-0,002	0,010	0,061	FALSE
0,018	0,289	0,001	0,009	0,023	FALSE
-0,024	0,283	-0,001	0,010	0,046	FALSE
-0,008	0,289	-0,001	0,010	0,034	FALSE
0,017	0,283	0,000	0,012	0,004	FALSE
0,038	0,282	0,001	0,012	0,020	FALSE
0,047	0,289	0,001	0,012	0,026	FALSE
0,027	0,280	0,000	0,012	0,006	FALSE
0,011	0,289	0,000	0,011	0,015	FALSE
0,071	0,276	0,001	0,009	0,031	FALSE
-0,011	0,290	0,000	0,011	0,016	FALSE
0,001	0,285	0,000	0,011	0,010	FALSE

0,105	0,293	0,005	0,012	0,146	FALSE
0,100	0,278	0,004	0,014	0,112	FALSE
0,113	0,275	0,002	0,010	0,086	FALSE
-0,245	0,267	-0,007	0,009	0,320	FALSE
0,044	0,278	0,002	0,008	0,072	FALSE
-0,267	0,273	-0,007	0,008	0,422	FALSE
0,107	0,290	0,005	0,010	0,203	FALSE
-0,036	0,287	-0,002	0,012	0,048	FALSE
0,097	0,278	0,004	0,013	0,130	FALSE
-0,005	0,290	0,000	0,011	0,010	FALSE
-0,095	0,279	-0,003	0,010	0,133	FALSE
-0,025	0,301	-0,002	0,014	0,053	FALSE
0,051	0,278	0,000	0,013	0,010	FALSE
-0,010	0,302	-0,001	0,009	0,033	FALSE
-0,036	0,278	-0,001	0,009	0,029	FALSE
0,012	0,294	0,002	0,010	0,063	FALSE
-0,037	0,268	-0,002	0,007	0,098	FALSE
0,005	0,285	-0,001	0,011	0,027	FALSE
0,136	0,282	0,002	0,012	0,074	FALSE
-0,002	0,282	-0,001	0,009	0,030	FALSE
0,084	0,288	0,002	0,012	0,062	FALSE
0,159	0,286	0,005	0,012	0,190	FALSE
-0,032	0,291	0,000	0,015	0,002	FALSE
0,030	0,290	0,002	0,015	0,042	FALSE
0,101	0,288	0,003	0,007	0,165	FALSE
0,146	0,292	0,003	0,008	0,145	FALSE
0,016	0,298	0,000	0,015	0,008	FALSE
0,021	0,285	0,000	0,008	0,021	FALSE
-0,068	0,301	-0,004	0,013	0,105	FALSE
-0,025	0,294	-0,002	0,014	0,054	FALSE
-0,002	0,275	0,000	0,010	0,013	FALSE
-0,125	0,266	-0,004	0,011	0,150	FALSE
0,068	0,290	0,003	0,011	0,095	FALSE
-0,119	0,282	-0,004	0,008	0,192	FALSE
-0,067	0,284	-0,002	0,012	0,047	FALSE
0,045	0,286	0,003	0,009	0,135	FALSE
-0,005	0,290	0,000	0,013	0,011	FALSE
-0,043	0,287	-0,001	0,012	0,015	FALSE
0,043	0,290	-0,001	0,008	0,024	FALSE
0,022	0,281	0,001	0,013	0,021	FALSE
0,107	0,279	0,000	0,008	0,015	FALSE
-0,082	0,296	-0,002	0,009	0,080	FALSE
-0,085	0,294	-0,001	0,009	0,045	FALSE
0,120	0,289	0,003	0,008	0,152	FALSE
-0,057	0,281	-0,003	0,010	0,130	FALSE
0,019	0,284	-0,001	0,012	0,045	FALSE
-0,011	0,293	-0,001	0,008	0,055	FALSE
0,031	0,293	0,001	0,013	0,015	FALSE
0,046	0,278	0,004	0,012	0,127	FALSE
-0,129	0,279	-0,005	0,012	0,197	FALSE
-0,062	0,291	-0,002	0,009	0,102	FALSE
-0,035	0,285	0,001	0,007	0,029	FALSE
-0,010	0,271	-0,001	0,007	0,056	FALSE

0,095	0,290	0,001	0,010	0,031	FALSE
-0,045	0,292	-0,002	0,008	0,077	FALSE
0,059	0,287	0,002	0,015	0,040	FALSE
-0,051	0,298	0,000	0,011	0,002	FALSE
-0,053	0,266	-0,002	0,011	0,060	FALSE
0,111	0,280	0,005	0,008	0,261	FALSE
-0,043	0,271	-0,002	0,008	0,077	FALSE
-0,055	0,305	0,000	0,015	0,002	FALSE
0,015	0,295	0,001	0,009	0,048	FALSE
0,022	0,283	0,000	0,012	0,007	FALSE
0,174	0,276	0,005	0,012	0,159	FALSE
0,037	0,299	0,001	0,008	0,067	FALSE
-0,048	0,279	0,001	0,013	0,039	FALSE
0,232	0,286	0,009	0,014	0,303	FALSE
0,010	0,304	0,001	0,014	0,038	FALSE
0,056	0,276	0,001	0,013	0,027	FALSE
0,022	0,282	0,001	0,011	0,035	FALSE
-0,081	0,272	-0,002	0,008	0,122	FALSE
0,119	0,275	0,001	0,011	0,042	FALSE
0,022	0,289	-0,001	0,009	0,044	FALSE
-0,021	0,307	0,000	0,015	0,009	FALSE
-0,018	0,293	-0,001	0,012	0,023	FALSE
-0,042	0,282	0,000	0,013	0,009	FALSE
0,168	0,277	0,004	0,014	0,117	FALSE
-0,012	0,289	0,001	0,012	0,036	FALSE
-0,045	0,273	-0,001	0,010	0,028	FALSE
0,005	0,273	0,000	0,010	0,005	FALSE
-0,085	0,289	-0,001	0,008	0,041	FALSE
0,133	0,289	0,002	0,008	0,097	FALSE
0,047	0,290	0,002	0,011	0,083	FALSE
-0,110	0,288	-0,003	0,011	0,116	FALSE
-0,086	0,287	-0,001	0,008	0,049	FALSE
-0,245	0,268	-0,008	0,009	0,416	FALSE
0,164	0,294	0,005	0,008	0,250	FALSE
-0,078	0,275	-0,002	0,014	0,062	FALSE
0,197	0,282	0,004	0,009	0,180	FALSE
-0,093	0,283	-0,004	0,009	0,163	FALSE
0,005	0,291	0,001	0,008	0,030	FALSE
0,047	0,287	0,002	0,014	0,052	FALSE
-0,099	0,286	-0,004	0,008	0,223	FALSE
-0,032	0,286	-0,002	0,009	0,090	FALSE
0,014	0,281	0,001	0,011	0,027	FALSE
-0,086	0,298	-0,002	0,015	0,054	FALSE
-0,056	0,284	-0,003	0,009	0,126	FALSE
-0,051	0,289	-0,001	0,010	0,044	FALSE
0,048	0,284	0,002	0,012	0,056	FALSE
0,038	0,281	0,002	0,012	0,046	FALSE
0,090	0,284	0,004	0,010	0,170	FALSE
-0,014	0,282	0,001	0,008	0,030	FALSE
-0,023	0,301	0,000	0,014	0,004	FALSE
-0,052	0,281	-0,002	0,008	0,099	FALSE
-0,030	0,289	-0,001	0,014	0,024	FALSE
-0,055	0,292	-0,002	0,009	0,088	FALSE

-0,024	0,284	0,000	0,012	0,003	FALSE
-0,122	0,278	-0,003	0,008	0,146	FALSE
-0,125	0,281	-0,002	0,010	0,089	FALSE
0,000	0,284	0,000	0,009	0,006	FALSE
-0,144	0,285	-0,003	0,009	0,118	FALSE
0,011	0,275	0,004	0,012	0,147	FALSE
0,087	0,285	0,005	0,009	0,226	FALSE
-0,020	0,293	-0,002	0,015	0,037	FALSE
-0,100	0,285	-0,004	0,015	0,108	FALSE
-0,078	0,285	-0,002	0,008	0,111	FALSE
-0,084	0,281	-0,002	0,009	0,082	FALSE
-0,093	0,275	-0,004	0,012	0,128	FALSE
-0,088	0,281	-0,003	0,012	0,095	FALSE
-0,105	0,271	-0,005	0,012	0,149	FALSE
-0,078	0,274	-0,001	0,010	0,039	FALSE
-0,129	0,288	-0,006	0,015	0,172	FALSE
0,189	0,275	0,007	0,011	0,302	FALSE
0,108	0,288	0,002	0,007	0,098	FALSE
0,190	0,272	0,004	0,009	0,185	FALSE
0,054	0,288	0,000	0,010	0,012	FALSE
-0,167	0,282	-0,008	0,012	0,285	FALSE
-0,104	0,291	-0,004	0,011	0,162	FALSE
0,042	0,270	0,000	0,009	0,019	FALSE
0,015	0,290	-0,001	0,011	0,042	FALSE
0,153	0,281	0,003	0,008	0,153	FALSE
-0,220	0,282	-0,011	0,015	0,321	FALSE
0,022	0,287	0,001	0,014	0,019	FALSE
0,057	0,296	0,001	0,010	0,041	FALSE
-0,068	0,267	-0,003	0,007	0,139	FALSE
-0,184	0,287	-0,006	0,011	0,240	FALSE
-0,126	0,280	-0,004	0,011	0,136	FALSE
0,011	0,285	0,000	0,011	0,011	FALSE
0,183	0,273	0,012	0,014	0,393	FALSE
0,028	0,283	0,001	0,012	0,027	FALSE
0,032	0,281	0,000	0,008	0,015	FALSE
0,096	0,291	0,004	0,009	0,197	FALSE
0,034	0,274	0,002	0,014	0,056	FALSE
0,093	0,284	0,004	0,012	0,141	FALSE
-0,055	0,293	-0,004	0,015	0,095	FALSE
-0,087	0,282	-0,005	0,015	0,122	FALSE
0,249	0,271	0,011	0,014	0,376	FALSE
-0,145	0,276	-0,006	0,013	0,188	FALSE
0,027	0,280	0,000	0,008	0,009	FALSE
-0,053	0,284	-0,001	0,008	0,027	FALSE
-0,029	0,283	0,001	0,012	0,036	FALSE
0,021	0,276	-0,003	0,011	0,100	FALSE
0,085	0,286	0,004	0,015	0,108	FALSE
-0,075	0,285	-0,003	0,015	0,085	FALSE
0,040	0,296	0,003	0,010	0,099	FALSE
0,080	0,289	0,002	0,010	0,075	FALSE
0,107	0,273	0,002	0,009	0,089	FALSE
0,197	0,291	0,008	0,015	0,244	FALSE
-0,091	0,284	-0,003	0,013	0,089	FALSE

0,128	0,279	0,004	0,009	0,169	FALSE
0,210	0,280	0,011	0,014	0,332	FALSE
0,212	0,286	0,011	0,015	0,318	FALSE
0,111	0,284	0,003	0,008	0,129	FALSE
-0,089	0,300	-0,003	0,013	0,093	FALSE
-0,103	0,283	-0,004	0,013	0,114	FALSE
0,025	0,284	0,001	0,012	0,027	FALSE
0,067	0,272	0,003	0,011	0,091	FALSE
-0,001	0,289	-0,001	0,014	0,034	FALSE
0,083	0,272	0,004	0,012	0,129	FALSE
0,071	0,291	0,000	0,009	0,011	FALSE
0,035	0,299	0,000	0,011	0,007	FALSE
0,119	0,285	0,006	0,014	0,164	FALSE
0,110	0,301	0,006	0,014	0,172	FALSE
-0,022	0,283	-0,002	0,009	0,080	FALSE
-0,032	0,301	-0,002	0,015	0,042	FALSE
-0,011	0,286	0,000	0,014	0,008	FALSE
-0,124	0,276	-0,005	0,010	0,194	FALSE
-0,027	0,285	-0,002	0,012	0,052	FALSE
0,059	0,285	0,003	0,011	0,094	FALSE
0,173	0,283	0,007	0,015	0,181	FALSE
-0,045	0,285	0,000	0,011	0,016	FALSE
0,077	0,286	0,002	0,007	0,113	FALSE
-0,021	0,283	-0,001	0,007	0,073	FALSE
0,005	0,295	0,002	0,009	0,073	FALSE
-0,018	0,287	-0,001	0,013	0,040	FALSE
-0,070	0,279	0,000	0,009	0,012	FALSE
0,121	0,283	0,004	0,011	0,147	FALSE
0,000	0,290	0,000	0,009	0,011	FALSE
0,007	0,292	0,000	0,008	0,011	FALSE
0,182	0,289	0,006	0,010	0,258	FALSE
-0,031	0,293	0,000	0,008	0,001	FALSE
-0,007	0,287	0,000	0,012	0,007	FALSE
0,033	0,285	0,001	0,009	0,034	FALSE
0,112	0,279	0,002	0,011	0,073	FALSE
0,055	0,285	0,001	0,009	0,029	FALSE
0,038	0,288	-0,001	0,010	0,021	FALSE
0,032	0,284	0,001	0,007	0,042	FALSE
0,040	0,286	0,000	0,014	0,007	FALSE
-0,009	0,292	0,002	0,011	0,059	FALSE
0,196	0,271	0,004	0,011	0,161	FALSE
0,077	0,291	0,003	0,014	0,078	FALSE
0,085	0,272	0,004	0,014	0,105	FALSE
-0,080	0,295	-0,002	0,011	0,074	FALSE
0,035	0,301	0,001	0,012	0,033	FALSE
-0,036	0,284	-0,002	0,014	0,042	FALSE
-0,152	0,287	-0,004	0,011	0,167	FALSE
0,004	0,284	0,000	0,010	0,009	FALSE
-0,093	0,288	-0,002	0,008	0,099	FALSE
0,086	0,278	0,002	0,011	0,088	FALSE
-0,141	0,295	-0,003	0,008	0,177	FALSE
0,134	0,296	0,003	0,009	0,127	FALSE
-0,092	0,273	-0,003	0,009	0,152	FALSE

-0,128	0,288	-0,006	0,013	0,184	FALSE
0,109	0,292	0,003	0,008	0,137	FALSE
-0,082	0,275	-0,001	0,012	0,027	FALSE
0,088	0,280	0,001	0,013	0,040	FALSE
0,163	0,277	0,007	0,010	0,296	FALSE
0,080	0,284	0,003	0,012	0,084	FALSE
0,171	0,277	0,006	0,011	0,212	FALSE
0,005	0,295	-0,002	0,010	0,077	FALSE
0,075	0,291	0,002	0,015	0,061	FALSE
-0,073	0,287	-0,004	0,014	0,121	FALSE
0,038	0,291	0,000	0,013	0,008	FALSE
-0,041	0,297	-0,001	0,010	0,053	FALSE
0,024	0,292	0,001	0,014	0,015	FALSE
0,105	0,288	0,005	0,014	0,139	FALSE
0,140	0,278	0,003	0,008	0,121	FALSE
-0,055	0,288	-0,001	0,009	0,048	FALSE
-0,104	0,298	-0,005	0,015	0,144	FALSE
0,056	0,282	0,003	0,008	0,166	FALSE
0,085	0,288	0,001	0,008	0,034	FALSE
-0,116	0,270	-0,006	0,011	0,231	FALSE
-0,096	0,276	-0,005	0,011	0,178	FALSE
0,155	0,300	0,005	0,010	0,195	FALSE
-0,018	0,291	-0,001	0,009	0,045	FALSE
0,102	0,287	0,002	0,008	0,078	FALSE
-0,038	0,293	-0,002	0,014	0,045	FALSE
-0,029	0,280	0,001	0,010	0,035	FALSE
0,011	0,281	0,002	0,010	0,085	FALSE
0,101	0,290	0,004	0,015	0,104	FALSE
-0,066	0,287	-0,001	0,010	0,050	FALSE
0,012	0,284	0,003	0,010	0,099	FALSE
-0,049	0,274	-0,003	0,009	0,119	FALSE
0,169	0,295	0,008	0,014	0,251	FALSE
0,088	0,281	0,003	0,012	0,091	FALSE
-0,019	0,270	-0,002	0,012	0,079	FALSE
0,030	0,280	0,000	0,012	0,012	FALSE
-0,001	0,281	-0,001	0,012	0,021	FALSE
0,066	0,277	0,002	0,013	0,068	FALSE
-0,026	0,284	0,000	0,011	0,011	FALSE
0,110	0,272	0,002	0,015	0,060	FALSE
0,072	0,291	0,002	0,016	0,056	FALSE
0,134	0,276	0,001	0,007	0,057	FALSE
0,140	0,283	0,005	0,008	0,268	FALSE
0,006	0,295	0,001	0,015	0,030	FALSE
-0,018	0,279	-0,001	0,007	0,031	FALSE
0,021	0,277	0,000	0,009	0,009	FALSE
0,104	0,287	0,002	0,008	0,098	FALSE
0,018	0,285	0,002	0,010	0,058	FALSE
0,046	0,289	0,001	0,008	0,052	FALSE
-0,066	0,286	-0,004	0,015	0,111	FALSE
-0,031	0,289	-0,003	0,015	0,062	FALSE
0,005	0,286	-0,001	0,010	0,021	FALSE
0,023	0,291	0,001	0,009	0,045	FALSE
0,102	0,298	0,005	0,015	0,135	FALSE

0,026	0,286	0,002	0,007	0,120	FALSE
0,040	0,303	0,001	0,010	0,022	FALSE
-0,079	0,280	-0,001	0,012	0,039	FALSE
0,021	0,303	0,000	0,009	0,008	FALSE
0,084	0,286	0,003	0,012	0,111	FALSE
-0,067	0,275	-0,002	0,011	0,071	FALSE
0,131	0,286	0,005	0,012	0,177	FALSE
-0,050	0,291	-0,002	0,013	0,059	FALSE
0,045	0,297	0,001	0,007	0,039	FALSE
0,131	0,281	0,003	0,009	0,146	FALSE
-0,059	0,291	0,000	0,009	0,007	FALSE
-0,141	0,281	-0,004	0,012	0,140	FALSE
-0,144	0,297	-0,006	0,012	0,217	FALSE
-0,072	0,303	-0,002	0,011	0,057	FALSE
0,003	0,283	0,000	0,010	0,017	FALSE
0,095	0,285	0,002	0,009	0,094	FALSE
-0,146	0,276	-0,003	0,009	0,120	FALSE
0,034	0,305	0,001	0,012	0,021	FALSE
-0,043	0,287	-0,002	0,008	0,108	FALSE
-0,138	0,287	-0,003	0,008	0,178	FALSE
-0,080	0,281	0,000	0,011	0,013	FALSE
0,068	0,293	0,004	0,011	0,135	FALSE
-0,049	0,293	-0,001	0,015	0,033	FALSE
-0,025	0,296	0,000	0,015	0,009	FALSE
-0,113	0,281	-0,002	0,013	0,065	FALSE
-0,096	0,299	-0,002	0,007	0,078	FALSE
-0,106	0,296	-0,002	0,007	0,078	FALSE
-0,109	0,292	-0,001	0,007	0,074	FALSE
-0,052	0,290	-0,002	0,010	0,088	FALSE
0,251	0,272	0,007	0,009	0,329	FALSE
-0,133	0,284	-0,003	0,008	0,136	FALSE
-0,219	0,273	-0,005	0,008	0,274	FALSE
-0,033	0,279	0,000	0,013	0,001	FALSE
-0,071	0,284	-0,004	0,012	0,115	FALSE
-0,122	0,290	-0,003	0,008	0,131	FALSE
-0,031	0,297	-0,001	0,014	0,036	FALSE
-0,031	0,279	-0,002	0,015	0,056	FALSE
-0,053	0,295	-0,001	0,014	0,021	FALSE
0,135	0,267	0,003	0,007	0,175	FALSE
-0,188	0,275	-0,008	0,010	0,349	FALSE
0,003	0,279	-0,003	0,010	0,096	FALSE
-0,122	0,278	-0,008	0,014	0,241	FALSE
0,110	0,284	0,004	0,009	0,203	FALSE
-0,012	0,285	0,000	0,011	0,011	FALSE
0,134	0,275	0,002	0,009	0,092	FALSE
0,106	0,293	0,002	0,009	0,079	FALSE
0,043	0,292	0,000	0,009	0,008	FALSE
-0,085	0,292	0,000	0,013	0,010	FALSE
0,125	0,285	0,006	0,012	0,199	FALSE
0,060	0,301	0,004	0,014	0,093	FALSE
0,005	0,293	-0,002	0,013	0,048	FALSE
-0,034	0,289	-0,004	0,012	0,117	FALSE
0,137	0,265	0,005	0,011	0,189	FALSE

0,034	0,277	0,001	0,009	0,042	FALSE
-0,098	0,284	-0,006	0,014	0,162	FALSE
0,052	0,297	0,001	0,011	0,040	FALSE
0,065	0,290	0,000	0,008	0,019	FALSE
0,130	0,291	0,004	0,008	0,192	FALSE
0,036	0,287	0,001	0,010	0,053	FALSE
0,078	0,269	0,002	0,010	0,090	FALSE
0,167	0,291	0,005	0,010	0,220	FALSE
0,269	0,274	0,007	0,009	0,350	FALSE
-0,045	0,297	0,000	0,014	0,007	FALSE
-0,122	0,288	-0,003	0,007	0,151	FALSE
-0,142	0,276	-0,005	0,009	0,271	FALSE
0,020	0,287	0,000	0,007	0,005	FALSE
0,032	0,299	0,001	0,014	0,022	FALSE
0,064	0,293	0,003	0,015	0,069	FALSE
0,232	0,286	0,008	0,010	0,362	FALSE
-0,084	0,279	-0,003	0,012	0,113	FALSE
-0,092	0,288	-0,003	0,012	0,098	FALSE
0,068	0,299	0,002	0,008	0,093	FALSE
0,055	0,286	0,001	0,012	0,024	FALSE
0,022	0,298	0,000	0,008	0,020	FALSE
0,097	0,291	0,002	0,012	0,076	FALSE
0,049	0,282	0,003	0,010	0,098	FALSE
0,121	0,281	0,001	0,012	0,025	FALSE
-0,097	0,290	-0,001	0,008	0,064	FALSE
-0,032	0,287	0,000	0,008	0,009	FALSE
-0,128	0,289	-0,007	0,013	0,255	FALSE
0,040	0,275	0,003	0,009	0,118	FALSE
-0,134	0,274	-0,004	0,007	0,228	FALSE
0,199	0,289	0,011	0,015	0,357	FALSE
-0,039	0,291	-0,001	0,010	0,028	FALSE
-0,031	0,292	0,001	0,013	0,025	FALSE
0,047	0,287	0,003	0,012	0,102	FALSE
0,049	0,308	0,001	0,011	0,042	FALSE
-0,055	0,282	-0,002	0,008	0,085	FALSE
0,014	0,278	0,001	0,008	0,025	FALSE
0,068	0,287	0,002	0,008	0,077	FALSE
-0,030	0,298	-0,003	0,012	0,091	FALSE
-0,039	0,282	-0,006	0,014	0,166	FALSE
-0,049	0,287	0,000	0,009	0,004	FALSE
0,044	0,275	0,000	0,013	0,013	FALSE
0,044	0,279	0,002	0,009	0,098	FALSE
-0,076	0,296	-0,004	0,013	0,114	FALSE
0,096	0,295	0,005	0,010	0,204	FALSE
0,046	0,287	-0,001	0,011	0,022	FALSE
0,157	0,280	0,008	0,013	0,288	FALSE
-0,006	0,287	-0,002	0,014	0,044	FALSE
-0,019	0,273	0,001	0,014	0,020	FALSE
0,070	0,292	0,001	0,008	0,025	FALSE
0,159	0,285	0,005	0,011	0,201	FALSE
0,111	0,283	0,006	0,015	0,151	FALSE
0,161	0,287	0,004	0,009	0,199	FALSE
0,084	0,292	0,002	0,011	0,072	FALSE

-0,016	0,298	-0,001	0,015	0,025	FALSE
0,073	0,276	0,002	0,010	0,087	FALSE
-0,091	0,291	-0,003	0,014	0,088	FALSE
-0,107	0,286	-0,003	0,014	0,096	FALSE
-0,327	0,263	-0,011	0,011	0,487	FALSE
0,104	0,276	0,003	0,014	0,083	FALSE
0,026	0,291	0,000	0,010	0,006	FALSE
-0,067	0,289	-0,003	0,013	0,099	FALSE
0,046	0,284	0,002	0,010	0,077	FALSE
0,036	0,299	0,002	0,011	0,071	FALSE
0,187	0,281	0,007	0,012	0,282	FALSE
-0,089	0,289	-0,004	0,015	0,098	FALSE
0,180	0,279	0,007	0,013	0,234	FALSE
-0,126	0,283	-0,001	0,009	0,052	FALSE
0,073	0,288	0,003	0,014	0,075	FALSE
-0,076	0,298	-0,002	0,012	0,077	FALSE
-0,181	0,276	-0,010	0,014	0,305	FALSE
0,186	0,274	0,003	0,009	0,133	FALSE
0,314	0,262	0,013	0,015	0,449	FALSE
0,109	0,299	0,004	0,013	0,128	FALSE
0,105	0,284	0,004	0,013	0,136	FALSE
0,022	0,282	0,000	0,013	0,012	FALSE
0,096	0,285	0,002	0,010	0,088	FALSE
0,042	0,294	-0,001	0,013	0,016	FALSE
-0,014	0,291	-0,002	0,014	0,050	FALSE
0,121	0,291	0,004	0,013	0,121	FALSE
-0,213	0,280	-0,005	0,009	0,237	FALSE
0,001	0,295	0,002	0,012	0,049	FALSE
0,077	0,293	0,003	0,010	0,107	FALSE
-0,045	0,289	-0,003	0,012	0,091	FALSE
0,017	0,303	0,004	0,012	0,115	FALSE
0,058	0,292	0,002	0,009	0,082	FALSE
-0,029	0,286	-0,001	0,010	0,039	FALSE
-0,037	0,288	0,000	0,008	0,003	FALSE
0,030	0,292	0,003	0,013	0,088	FALSE
-0,083	0,282	-0,002	0,015	0,048	FALSE
-0,127	0,276	-0,004	0,015	0,112	FALSE
-0,100	0,265	-0,003	0,014	0,095	FALSE
0,077	0,289	0,001	0,015	0,032	FALSE
-0,053	0,294	0,000	0,014	0,011	FALSE
-0,074	0,300	-0,004	0,014	0,112	FALSE
-0,031	0,285	-0,001	0,012	0,019	FALSE
-0,056	0,287	-0,002	0,010	0,056	FALSE
-0,056	0,288	-0,004	0,016	0,096	FALSE
0,058	0,292	0,003	0,012	0,093	FALSE
-0,034	0,279	-0,001	0,011	0,039	FALSE
-0,096	0,296	-0,003	0,015	0,074	FALSE
-0,185	0,289	-0,005	0,009	0,219	FALSE
0,046	0,296	0,001	0,011	0,021	FALSE
0,082	0,291	0,002	0,010	0,063	FALSE
0,032	0,284	0,000	0,007	0,016	FALSE
0,003	0,288	-0,002	0,013	0,061	FALSE
0,040	0,294	-0,001	0,014	0,026	FALSE

0,143	0,286	0,006	0,012	0,228	FALSE
-0,096	0,272	-0,004	0,014	0,110	FALSE
0,049	0,275	0,002	0,008	0,090	FALSE
0,113	0,278	0,007	0,014	0,209	FALSE
0,050	0,286	0,002	0,007	0,133	FALSE
-0,002	0,285	0,000	0,008	0,013	FALSE
0,075	0,283	0,001	0,007	0,065	FALSE
-0,021	0,303	-0,001	0,015	0,034	FALSE
0,043	0,293	0,000	0,015	0,002	FALSE
0,042	0,288	0,000	0,009	0,008	FALSE
0,051	0,291	0,001	0,014	0,030	FALSE
-0,090	0,294	-0,002	0,008	0,089	FALSE
0,072	0,296	0,002	0,008	0,096	FALSE
0,052	0,305	0,004	0,013	0,106	FALSE
-0,104	0,267	-0,004	0,012	0,143	FALSE
-0,070	0,270	-0,003	0,013	0,080	FALSE
-0,038	0,270	-0,003	0,014	0,089	FALSE
-0,139	0,280	-0,005	0,010	0,219	FALSE
-0,018	0,278	0,002	0,013	0,046	FALSE
-0,101	0,280	-0,005	0,010	0,192	FALSE
0,120	0,286	0,009	0,013	0,290	FALSE
-0,070	0,271	-0,003	0,013	0,084	FALSE
0,067	0,280	0,003	0,012	0,105	FALSE
-0,034	0,278	-0,002	0,010	0,056	FALSE
-0,077	0,291	-0,005	0,013	0,133	FALSE
0,012	0,291	0,001	0,015	0,030	FALSE
0,108	0,282	0,005	0,014	0,145	FALSE
-0,048	0,284	-0,005	0,013	0,147	FALSE
-0,064	0,296	-0,002	0,008	0,097	FALSE
-0,117	0,298	-0,005	0,015	0,132	FALSE
0,073	0,276	0,001	0,012	0,022	FALSE
-0,175	0,278	-0,004	0,010	0,176	FALSE
-0,131	0,291	-0,004	0,009	0,162	FALSE
0,147	0,288	0,006	0,013	0,198	FALSE
-0,160	0,291	-0,005	0,010	0,197	FALSE
0,054	0,290	0,001	0,011	0,041	FALSE
0,034	0,288	0,002	0,015	0,038	FALSE
0,017	0,292	-0,001	0,014	0,022	FALSE
0,181	0,291	0,006	0,010	0,274	FALSE
0,146	0,292	0,004	0,012	0,129	FALSE
0,150	0,275	0,004	0,011	0,151	FALSE
0,031	0,292	0,001	0,009	0,048	FALSE
0,155	0,279	0,005	0,013	0,167	FALSE
0,138	0,278	0,005	0,014	0,137	FALSE
0,134	0,291	0,004	0,014	0,123	FALSE
-0,021	0,289	-0,001	0,007	0,031	FALSE
-0,018	0,291	-0,001	0,010	0,036	FALSE
-0,001	0,295	0,001	0,010	0,026	FALSE
-0,083	0,289	-0,002	0,010	0,088	FALSE
-0,020	0,281	0,000	0,013	0,006	FALSE
0,007	0,291	0,001	0,013	0,033	FALSE
0,036	0,298	0,002	0,013	0,053	FALSE
0,112	0,288	0,004	0,010	0,163	FALSE

-0,014	0,285	0,000	0,013	0,008	FALSE
0,036	0,279	0,004	0,014	0,097	FALSE
0,157	0,293	0,004	0,008	0,237	FALSE
0,030	0,294	0,002	0,009	0,073	FALSE
0,059	0,280	0,002	0,008	0,072	FALSE
0,069	0,285	0,001	0,011	0,043	FALSE
-0,145	0,274	-0,004	0,016	0,105	FALSE
-0,019	0,286	-0,002	0,009	0,072	FALSE
0,031	0,274	0,002	0,010	0,066	FALSE
-0,024	0,305	0,000	0,009	0,017	FALSE
-0,058	0,283	-0,001	0,009	0,061	FALSE
-0,029	0,285	-0,001	0,012	0,026	FALSE
0,164	0,278	0,007	0,013	0,227	FALSE
-0,125	0,290	-0,004	0,013	0,102	FALSE
-0,004	0,285	-0,001	0,013	0,021	FALSE
-0,060	0,292	-0,006	0,014	0,163	FALSE
-0,119	0,277	-0,003	0,009	0,115	FALSE
-0,047	0,285	-0,006	0,013	0,173	FALSE
-0,019	0,290	-0,004	0,013	0,107	FALSE
-0,017	0,298	-0,001	0,015	0,015	FALSE
0,103	0,292	0,005	0,014	0,140	FALSE
0,168	0,290	0,009	0,014	0,273	FALSE
0,100	0,281	0,005	0,012	0,187	FALSE
-0,109	0,289	-0,002	0,010	0,080	FALSE
0,025	0,288	0,002	0,014	0,040	FALSE
0,027	0,277	0,002	0,014	0,057	FALSE
0,099	0,293	0,005	0,015	0,142	FALSE
-0,155	0,287	-0,007	0,013	0,237	FALSE
0,054	0,268	0,004	0,013	0,134	FALSE
0,058	0,287	0,003	0,012	0,098	FALSE
-0,029	0,287	-0,002	0,014	0,046	FALSE
-0,204	0,280	-0,007	0,015	0,196	FALSE
0,168	0,278	0,007	0,011	0,285	FALSE
0,180	0,282	0,007	0,011	0,279	FALSE
-0,095	0,275	-0,003	0,014	0,086	FALSE
-0,020	0,275	-0,002	0,013	0,060	FALSE
0,065	0,300	0,002	0,012	0,066	FALSE
-0,027	0,282	-0,002	0,010	0,091	FALSE
0,077	0,277	0,000	0,010	0,008	FALSE
0,053	0,289	0,003	0,011	0,094	FALSE
0,034	0,302	0,002	0,012	0,059	FALSE
-0,135	0,285	-0,007	0,013	0,220	FALSE
-0,054	0,289	-0,004	0,014	0,124	FALSE
0,104	0,284	0,003	0,014	0,077	FALSE
0,242	0,286	0,005	0,008	0,251	FALSE
0,156	0,286	0,005	0,010	0,200	FALSE
-0,150	0,275	-0,006	0,013	0,173	FALSE
-0,048	0,293	-0,001	0,008	0,051	FALSE
-0,035	0,301	0,000	0,008	0,001	FALSE
0,007	0,278	0,003	0,009	0,122	FALSE
-0,004	0,287	0,002	0,009	0,081	FALSE
0,086	0,270	0,001	0,014	0,023	FALSE
0,103	0,292	0,002	0,015	0,047	FALSE

0,090	0,281	0,001	0,015	0,034	FALSE
0,138	0,284	0,004	0,015	0,117	FALSE
-0,023	0,288	0,001	0,010	0,051	FALSE
-0,022	0,295	0,000	0,015	0,001	FALSE
0,126	0,286	0,008	0,014	0,239	FALSE
0,162	0,271	0,009	0,013	0,308	FALSE
0,133	0,280	0,008	0,013	0,271	FALSE
-0,114	0,273	-0,008	0,012	0,308	FALSE
0,121	0,274	0,007	0,013	0,242	FALSE
0,115	0,287	0,008	0,014	0,242	FALSE
0,115	0,278	0,007	0,014	0,228	FALSE
0,046	0,288	0,000	0,007	0,006	FALSE
0,062	0,292	0,001	0,008	0,024	FALSE
0,043	0,277	0,001	0,008	0,023	FALSE
-0,005	0,307	0,000	0,012	0,012	FALSE
0,066	0,298	0,003	0,009	0,141	FALSE
0,011	0,296	0,002	0,010	0,091	FALSE
0,028	0,293	0,002	0,008	0,083	FALSE
-0,081	0,273	-0,002	0,009	0,060	FALSE
-0,059	0,293	0,000	0,008	0,015	FALSE
0,102	0,287	0,004	0,013	0,121	FALSE
-0,040	0,285	-0,001	0,013	0,028	FALSE
0,047	0,267	0,005	0,014	0,147	FALSE
-0,043	0,266	-0,004	0,014	0,116	FALSE
0,065	0,279	0,002	0,007	0,126	FALSE
0,128	0,290	0,005	0,013	0,162	FALSE
-0,009	0,292	-0,001	0,013	0,031	FALSE
0,083	0,297	0,004	0,015	0,110	FALSE
0,040	0,295	0,002	0,014	0,056	FALSE
0,127	0,312	0,005	0,012	0,153	FALSE
-0,114	0,289	-0,002	0,008	0,072	FALSE
-0,224	0,277	-0,007	0,010	0,300	FALSE
0,110	0,283	0,002	0,009	0,078	FALSE
0,119	0,276	0,008	0,015	0,217	FALSE
0,135	0,262	0,008	0,014	0,264	FALSE
0,159	0,283	0,010	0,015	0,284	FALSE
0,094	0,280	0,004	0,009	0,206	FALSE
-0,184	0,291	-0,006	0,010	0,255	FALSE
-0,173	0,278	-0,006	0,009	0,266	FALSE
0,027	0,290	-0,001	0,012	0,025	FALSE
0,034	0,293	0,000	0,009	0,002	FALSE
-0,121	0,288	-0,008	0,013	0,273	FALSE
-0,193	0,278	-0,007	0,012	0,236	FALSE
0,034	0,305	0,002	0,013	0,046	FALSE
-0,015	0,292	0,000	0,008	0,008	FALSE
-0,073	0,295	-0,003	0,013	0,085	FALSE
-0,060	0,274	-0,001	0,013	0,022	FALSE
-0,035	0,293	-0,002	0,013	0,063	FALSE
0,030	0,281	0,000	0,014	0,007	FALSE
0,017	0,283	0,001	0,009	0,033	FALSE
0,005	0,284	0,000	0,013	0,001	FALSE
-0,130	0,294	-0,005	0,011	0,216	FALSE
-0,126	0,278	-0,005	0,013	0,147	FALSE

0,019	0,290	-0,001	0,008	0,024	FALSE
-0,013	0,285	-0,004	0,014	0,116	FALSE
0,118	0,281	0,004	0,010	0,157	FALSE
-0,068	0,295	-0,003	0,010	0,132	FALSE
-0,039	0,271	-0,001	0,008	0,030	FALSE
0,142	0,284	0,004	0,014	0,126	FALSE
-0,002	0,284	0,000	0,010	0,012	FALSE
0,020	0,279	0,000	0,015	0,007	FALSE
-0,089	0,273	-0,005	0,012	0,150	FALSE
0,053	0,295	0,002	0,011	0,085	FALSE
0,049	0,286	0,002	0,010	0,093	FALSE
-0,037	0,281	-0,002	0,010	0,079	FALSE
0,067	0,287	0,003	0,010	0,116	FALSE
0,077	0,290	0,003	0,010	0,106	FALSE
0,126	0,275	0,006	0,011	0,249	FALSE
-0,055	0,289	-0,003	0,013	0,093	FALSE
-0,135	0,283	-0,005	0,015	0,122	FALSE
-0,039	0,282	-0,003	0,008	0,122	FALSE
-0,105	0,284	-0,004	0,011	0,141	FALSE
0,137	0,283	0,005	0,015	0,136	FALSE
0,096	0,275	0,002	0,008	0,097	FALSE
0,022	0,282	0,001	0,011	0,044	FALSE
0,062	0,280	0,002	0,014	0,063	FALSE
0,055	0,301	0,003	0,015	0,080	FALSE
-0,059	0,281	-0,001	0,009	0,027	FALSE
0,025	0,287	0,000	0,010	0,014	FALSE
0,018	0,281	0,000	0,012	0,002	FALSE
0,130	0,268	0,004	0,012	0,120	FALSE
0,078	0,282	0,001	0,008	0,058	FALSE
0,066	0,278	0,001	0,007	0,039	FALSE
0,070	0,292	0,002	0,008	0,090	FALSE
-0,040	0,290	-0,001	0,015	0,032	FALSE
-0,073	0,279	-0,003	0,014	0,073	FALSE
0,070	0,279	0,003	0,011	0,088	FALSE
-0,014	0,269	0,000	0,012	0,003	FALSE
-0,120	0,291	-0,003	0,009	0,117	FALSE
-0,142	0,287	-0,005	0,011	0,185	FALSE
0,021	0,285	0,001	0,013	0,036	FALSE
-0,001	0,283	0,000	0,008	0,017	FALSE
-0,017	0,282	-0,001	0,009	0,045	FALSE
-0,039	0,285	-0,001	0,010	0,017	FALSE
-0,008	0,276	0,002	0,013	0,070	FALSE
0,087	0,288	0,003	0,008	0,138	FALSE
-0,054	0,294	-0,002	0,009	0,070	FALSE
-0,070	0,282	-0,002	0,011	0,067	FALSE
-0,056	0,275	-0,002	0,008	0,083	FALSE
-0,023	0,292	0,000	0,009	0,008	FALSE
-0,143	0,284	-0,006	0,011	0,218	FALSE
0,033	0,277	0,003	0,015	0,080	FALSE
-0,076	0,289	-0,004	0,014	0,107	FALSE
-0,050	0,291	-0,001	0,009	0,020	FALSE
-0,067	0,288	-0,001	0,010	0,046	FALSE
0,194	0,276	0,005	0,009	0,242	FALSE

0,099	0,299	0,005	0,013	0,163	FALSE
0,106	0,280	0,004	0,008	0,183	FALSE
0,027	0,288	0,001	0,008	0,023	FALSE
0,010	0,273	0,001	0,014	0,040	FALSE
-0,132	0,285	-0,005	0,011	0,201	FALSE
-0,019	0,300	0,002	0,008	0,072	FALSE
0,105	0,290	0,004	0,014	0,100	FALSE
-0,115	0,299	-0,002	0,010	0,086	FALSE
0,019	0,286	-0,001	0,011	0,029	FALSE
0,077	0,270	0,001	0,007	0,069	FALSE
0,126	0,298	0,004	0,010	0,162	FALSE
-0,078	0,282	-0,005	0,014	0,149	FALSE
0,014	0,291	-0,001	0,014	0,024	FALSE
0,021	0,272	0,000	0,015	0,002	FALSE
-0,102	0,287	-0,004	0,013	0,126	FALSE
0,021	0,283	0,001	0,007	0,039	FALSE
0,170	0,279	0,008	0,013	0,278	FALSE
0,120	0,268	0,006	0,014	0,190	FALSE
-0,062	0,292	-0,002	0,008	0,084	FALSE
-0,026	0,276	-0,002	0,015	0,041	FALSE
0,202	0,282	0,010	0,013	0,371	FALSE
-0,039	0,277	-0,002	0,009	0,099	FALSE
-0,111	0,283	-0,005	0,014	0,139	FALSE
0,098	0,277	0,004	0,014	0,101	FALSE
0,133	0,263	0,004	0,007	0,207	FALSE
-0,111	0,286	-0,003	0,014	0,071	FALSE
-0,038	0,281	-0,001	0,010	0,027	FALSE
0,030	0,289	0,001	0,013	0,041	FALSE
0,033	0,278	0,002	0,012	0,049	FALSE
-0,037	0,306	-0,001	0,015	0,036	FALSE
0,022	0,285	0,001	0,012	0,017	FALSE
0,016	0,275	0,000	0,011	0,006	FALSE
0,076	0,293	0,002	0,008	0,111	FALSE
-0,049	0,276	-0,003	0,014	0,094	FALSE
-0,191	0,278	-0,005	0,007	0,281	FALSE
-0,065	0,287	-0,004	0,012	0,129	FALSE
0,072	0,280	0,002	0,007	0,103	FALSE
-0,100	0,277	-0,004	0,013	0,106	FALSE
0,064	0,291	0,002	0,014	0,048	FALSE
0,085	0,275	0,006	0,012	0,210	FALSE
0,041	0,291	0,002	0,012	0,072	FALSE
0,104	0,293	0,006	0,010	0,248	FALSE
-0,011	0,296	0,001	0,012	0,027	FALSE
0,123	0,283	0,004	0,011	0,167	FALSE
0,152	0,276	0,004	0,009	0,172	FALSE
0,006	0,291	0,000	0,012	0,004	FALSE
0,074	0,294	0,002	0,013	0,069	FALSE
0,187	0,285	0,006	0,011	0,236	FALSE
0,002	0,283	0,001	0,009	0,028	FALSE
0,123	0,277	0,005	0,009	0,226	FALSE
-0,040	0,288	-0,001	0,011	0,023	FALSE
0,000	0,297	0,001	0,014	0,016	FALSE
0,077	0,278	0,002	0,009	0,077	FALSE

0,060	0,290	0,001	0,008	0,064	FALSE
0,004	0,296	0,000	0,014	0,004	FALSE
-0,095	0,280	-0,003	0,009	0,144	FALSE
0,121	0,275	0,005	0,012	0,151	FALSE
-0,035	0,280	-0,002	0,015	0,050	FALSE
0,026	0,282	-0,001	0,014	0,034	FALSE
-0,141	0,279	-0,003	0,010	0,138	FALSE
-0,112	0,284	-0,005	0,014	0,138	FALSE
-0,164	0,279	-0,006	0,013	0,179	FALSE
-0,050	0,295	-0,001	0,008	0,040	FALSE
-0,030	0,275	-0,004	0,013	0,129	FALSE
-0,043	0,300	-0,004	0,014	0,094	FALSE
0,046	0,287	0,003	0,010	0,092	FALSE
0,033	0,269	0,004	0,013	0,110	FALSE
0,108	0,290	0,004	0,008	0,182	FALSE
0,064	0,267	0,007	0,013	0,219	FALSE
0,054	0,289	0,004	0,010	0,152	FALSE
-0,102	0,296	-0,002	0,015	0,060	FALSE
-0,109	0,281	-0,003	0,014	0,091	FALSE
0,181	0,280	0,004	0,008	0,234	FALSE
0,005	0,280	-0,001	0,015	0,033	FALSE
0,126	0,282	0,002	0,011	0,066	FALSE
-0,067	0,280	-0,002	0,012	0,073	FALSE
0,006	0,285	-0,002	0,014	0,049	FALSE
-0,147	0,273	-0,006	0,010	0,259	FALSE
0,006	0,291	0,000	0,012	0,011	FALSE
0,062	0,271	0,000	0,007	0,012	FALSE
0,161	0,280	0,004	0,011	0,166	FALSE
0,192	0,293	0,004	0,007	0,215	FALSE
0,032	0,280	0,001	0,008	0,041	FALSE
0,034	0,280	-0,002	0,011	0,077	FALSE
-0,002	0,292	-0,002	0,014	0,044	FALSE
0,005	0,295	-0,001	0,014	0,029	FALSE
-0,166	0,289	-0,005	0,009	0,225	FALSE
0,103	0,285	0,001	0,008	0,053	FALSE
-0,103	0,289	-0,004	0,014	0,098	FALSE
-0,087	0,278	-0,005	0,014	0,144	FALSE
0,178	0,272	0,008	0,014	0,227	FALSE
-0,030	0,284	-0,001	0,009	0,033	FALSE
-0,146	0,290	-0,006	0,015	0,153	FALSE
0,008	0,279	0,001	0,007	0,051	FALSE
0,119	0,285	0,003	0,009	0,108	FALSE
0,011	0,258	0,000	0,010	0,005	FALSE
-0,023	0,284	-0,001	0,009	0,049	FALSE
0,070	0,289	0,006	0,014	0,184	FALSE
-0,110	0,293	-0,003	0,013	0,086	FALSE
-0,077	0,286	-0,003	0,012	0,103	FALSE
-0,189	0,286	-0,007	0,013	0,202	FALSE
-0,033	0,286	-0,002	0,015	0,040	FALSE
-0,056	0,286	-0,003	0,015	0,076	FALSE
0,081	0,279	0,003	0,007	0,184	FALSE
0,053	0,294	0,002	0,010	0,083	FALSE
-0,016	0,299	-0,002	0,016	0,035	FALSE

-0,018	0,296	0,000	0,014	0,002	FALSE
-0,059	0,290	-0,003	0,010	0,111	FALSE
0,130	0,278	0,004	0,012	0,117	FALSE
-0,216	0,296	-0,011	0,013	0,390	FALSE
0,034	0,292	0,002	0,013	0,054	FALSE
0,075	0,284	0,003	0,011	0,092	FALSE
-0,107	0,280	-0,003	0,009	0,116	FALSE
0,116	0,301	0,004	0,012	0,112	FALSE
0,007	0,290	0,000	0,012	0,009	FALSE
0,087	0,295	0,003	0,012	0,108	FALSE
0,036	0,299	0,001	0,014	0,021	FALSE
-0,157	0,280	-0,008	0,014	0,264	FALSE
0,023	0,281	0,002	0,011	0,057	FALSE
0,162	0,287	0,004	0,008	0,232	FALSE
-0,244	0,279	-0,008	0,011	0,350	FALSE
-0,121	0,277	-0,004	0,014	0,101	FALSE
0,069	0,276	0,003	0,014	0,086	FALSE
0,070	0,284	0,001	0,014	0,025	FALSE
0,059	0,285	0,003	0,014	0,070	FALSE
-0,012	0,293	0,000	0,015	0,007	FALSE
0,079	0,285	0,003	0,013	0,104	FALSE
0,161	0,277	0,004	0,009	0,197	FALSE
-0,024	0,286	-0,002	0,010	0,076	FALSE
-0,057	0,269	-0,003	0,012	0,087	FALSE
0,044	0,281	0,003	0,012	0,083	FALSE
0,078	0,281	0,002	0,008	0,100	FALSE
0,039	0,299	0,004	0,009	0,172	FALSE
0,047	0,284	0,005	0,012	0,172	FALSE
-0,161	0,292	-0,005	0,010	0,212	FALSE
0,017	0,302	0,002	0,015	0,046	FALSE
-0,109	0,284	-0,003	0,011	0,114	FALSE
0,013	0,299	0,001	0,008	0,060	FALSE
0,011	0,288	0,001	0,011	0,019	FALSE
-0,039	0,294	-0,003	0,014	0,080	FALSE
-0,054	0,291	-0,003	0,015	0,084	FALSE
0,002	0,285	0,000	0,014	0,007	FALSE
-0,133	0,286	-0,002	0,010	0,093	FALSE
0,030	0,291	0,001	0,007	0,044	FALSE
-0,051	0,287	-0,001	0,008	0,050	FALSE
-0,070	0,298	-0,002	0,008	0,087	FALSE
-0,039	0,295	-0,003	0,011	0,107	FALSE
-0,021	0,288	0,001	0,014	0,032	FALSE
0,030	0,281	0,003	0,011	0,116	FALSE
0,021	0,282	0,003	0,011	0,089	FALSE
-0,080	0,280	-0,004	0,014	0,113	FALSE
0,045	0,294	0,002	0,007	0,111	FALSE
0,067	0,286	0,002	0,007	0,130	FALSE
0,151	0,295	0,002	0,008	0,103	FALSE
0,029	0,286	0,000	0,010	0,004	FALSE
0,208	0,263	0,004	0,007	0,208	FALSE
-0,089	0,290	-0,004	0,010	0,148	FALSE
-0,023	0,295	0,001	0,012	0,032	FALSE
-0,023	0,291	0,000	0,012	0,002	FALSE

-0,239	0,276	-0,009	0,014	0,297	FALSE
0,106	0,293	0,004	0,010	0,164	FALSE
-0,075	0,301	-0,001	0,010	0,050	FALSE
0,046	0,298	0,001	0,010	0,025	FALSE
0,105	0,287	0,006	0,012	0,192	FALSE
0,040	0,288	0,003	0,010	0,122	FALSE
-0,102	0,292	-0,002	0,008	0,075	FALSE
0,024	0,282	0,002	0,015	0,044	FALSE
-0,083	0,304	-0,002	0,008	0,096	FALSE
-0,093	0,300	-0,003	0,008	0,117	FALSE
-0,077	0,289	-0,002	0,008	0,095	FALSE
0,123	0,278	0,003	0,008	0,143	FALSE
0,172	0,279	0,005	0,009	0,224	FALSE
0,004	0,287	0,000	0,013	0,011	FALSE
0,070	0,298	0,002	0,014	0,055	FALSE
-0,104	0,284	-0,002	0,011	0,080	FALSE
0,009	0,284	-0,003	0,014	0,075	FALSE
-0,217	0,262	-0,007	0,009	0,312	FALSE
-0,079	0,286	-0,002	0,009	0,104	FALSE
-0,122	0,285	-0,004	0,011	0,148	FALSE
0,094	0,294	0,003	0,010	0,094	FALSE
-0,194	0,270	-0,006	0,011	0,247	FALSE
0,035	0,284	0,000	0,011	0,005	FALSE
-0,117	0,294	-0,004	0,012	0,126	FALSE
0,045	0,298	0,002	0,008	0,104	FALSE
-0,116	0,286	-0,005	0,014	0,158	FALSE
-0,122	0,289	-0,007	0,014	0,195	FALSE
-0,104	0,288	-0,006	0,014	0,158	FALSE
-0,096	0,271	-0,004	0,014	0,124	FALSE
-0,170	0,286	-0,006	0,009	0,309	FALSE
-0,052	0,288	0,001	0,013	0,027	FALSE
-0,022	0,290	0,002	0,015	0,063	FALSE
-0,085	0,267	-0,003	0,008	0,143	FALSE
0,072	0,292	0,003	0,010	0,096	FALSE
0,081	0,289	0,001	0,008	0,065	FALSE
-0,104	0,265	-0,003	0,013	0,071	FALSE
-0,020	0,279	0,001	0,011	0,043	FALSE
0,017	0,284	0,000	0,014	0,008	FALSE
0,061	0,299	0,003	0,015	0,081	FALSE
-0,119	0,289	-0,002	0,008	0,100	FALSE
-0,061	0,308	-0,002	0,008	0,101	FALSE
0,065	0,281	0,001	0,007	0,027	FALSE
-0,016	0,298	0,000	0,007	0,009	FALSE
-0,081	0,276	-0,002	0,009	0,063	FALSE
0,083	0,261	0,003	0,012	0,090	FALSE
-0,059	0,284	-0,001	0,008	0,057	FALSE
-0,169	0,275	-0,009	0,014	0,274	FALSE
-0,150	0,279	-0,004	0,008	0,186	FALSE
-0,226	0,273	-0,006	0,009	0,304	FALSE
0,009	0,275	0,001	0,012	0,044	FALSE
-0,044	0,287	-0,001	0,011	0,050	FALSE
0,110	0,271	0,004	0,010	0,166	FALSE
-0,018	0,278	0,000	0,013	0,012	FALSE

-0,093	0,273	-0,002	0,009	0,102	FALSE
-0,027	0,294	-0,002	0,011	0,058	FALSE
0,010	0,285	-0,001	0,008	0,059	FALSE
-0,055	0,275	0,000	0,011	0,001	FALSE
0,205	0,273	0,004	0,008	0,183	FALSE
-0,021	0,273	-0,001	0,008	0,054	FALSE
-0,075	0,291	-0,005	0,012	0,159	FALSE
-0,132	0,284	-0,004	0,008	0,180	FALSE
-0,036	0,283	-0,002	0,014	0,054	FALSE
0,000	0,294	-0,002	0,012	0,053	FALSE
0,068	0,288	0,002	0,007	0,108	FALSE
0,022	0,289	0,001	0,011	0,028	FALSE
0,030	0,276	0,000	0,009	0,010	FALSE
-0,048	0,294	-0,001	0,012	0,019	FALSE
-0,011	0,293	0,000	0,011	0,005	FALSE
-0,022	0,288	0,000	0,011	0,004	FALSE
-0,114	0,283	-0,003	0,013	0,099	FALSE
-0,103	0,296	-0,002	0,013	0,054	FALSE
-0,060	0,281	-0,001	0,008	0,040	FALSE
0,023	0,290	0,003	0,014	0,088	FALSE
-0,074	0,281	-0,006	0,014	0,185	FALSE
0,029	0,300	0,000	0,008	0,000	FALSE
0,001	0,279	-0,001	0,010	0,043	FALSE
0,108	0,283	0,002	0,008	0,118	FALSE
-0,194	0,279	-0,010	0,015	0,316	FALSE
-0,184	0,288	-0,011	0,016	0,302	FALSE
0,043	0,282	0,000	0,010	0,009	FALSE
-0,094	0,297	-0,002	0,008	0,096	FALSE
0,055	0,289	0,000	0,013	0,010	FALSE
0,010	0,296	0,000	0,012	0,008	FALSE
0,029	0,290	0,002	0,012	0,060	FALSE
-0,040	0,273	0,000	0,011	0,002	FALSE
-0,058	0,283	-0,004	0,010	0,161	FALSE
0,026	0,291	0,001	0,008	0,054	FALSE
-0,043	0,285	-0,002	0,009	0,087	FALSE
0,098	0,281	0,008	0,014	0,240	FALSE
0,010	0,282	0,003	0,009	0,115	FALSE
-0,103	0,295	-0,003	0,011	0,110	FALSE
-0,060	0,301	-0,002	0,008	0,122	FALSE
0,110	0,290	0,008	0,014	0,225	FALSE
-0,043	0,290	-0,001	0,010	0,042	FALSE
-0,048	0,270	-0,001	0,007	0,065	FALSE
-0,169	0,267	-0,004	0,009	0,170	FALSE
-0,013	0,275	-0,001	0,015	0,013	FALSE
0,255	0,281	0,008	0,011	0,308	FALSE
0,072	0,295	0,001	0,010	0,053	FALSE
0,092	0,283	0,002	0,010	0,089	FALSE
0,053	0,294	0,001	0,011	0,051	FALSE
-0,059	0,285	-0,001	0,009	0,054	FALSE
0,085	0,290	0,002	0,010	0,086	FALSE
-0,031	0,277	-0,001	0,014	0,014	FALSE
0,066	0,285	0,003	0,013	0,076	FALSE
-0,020	0,277	-0,002	0,012	0,065	FALSE

-0,084	0,259	0,000	0,011	0,003	FALSE
-0,101	0,256	-0,001	0,012	0,040	FALSE
-0,051	0,280	0,001	0,013	0,038	FALSE
-0,009	0,287	0,000	0,015	0,010	FALSE
-0,087	0,284	-0,001	0,007	0,070	FALSE
-0,036	0,290	-0,002	0,008	0,096	FALSE
-0,092	0,279	-0,003	0,009	0,139	FALSE
0,057	0,277	0,003	0,009	0,122	FALSE
-0,217	0,282	-0,007	0,008	0,398	FALSE
-0,072	0,292	-0,002	0,009	0,075	FALSE
0,099	0,279	0,003	0,010	0,120	FALSE
0,086	0,293	0,001	0,009	0,042	FALSE
0,057	0,276	0,002	0,013	0,043	FALSE
-0,002	0,285	0,001	0,012	0,024	FALSE
-0,049	0,286	0,000	0,008	0,016	FALSE
0,025	0,285	0,002	0,012	0,063	FALSE
-0,217	0,279	-0,008	0,015	0,234	FALSE
-0,205	0,270	-0,006	0,008	0,350	FALSE
-0,251	0,282	-0,005	0,008	0,316	FALSE
-0,284	0,256	-0,011	0,013	0,413	FALSE
-0,013	0,287	-0,001	0,009	0,021	FALSE
0,038	0,294	-0,001	0,012	0,027	FALSE
-0,094	0,280	-0,002	0,013	0,050	FALSE
0,127	0,287	0,003	0,011	0,111	FALSE
-0,053	0,281	-0,003	0,011	0,093	FALSE
0,006	0,287	0,000	0,008	0,005	FALSE
-0,019	0,290	0,001	0,015	0,028	FALSE
-0,097	0,276	-0,005	0,013	0,144	FALSE
0,073	0,296	0,000	0,008	0,022	FALSE
-0,064	0,284	-0,002	0,012	0,064	FALSE
0,070	0,274	0,005	0,014	0,139	FALSE
-0,005	0,299	0,000	0,011	0,009	FALSE
0,012	0,281	0,000	0,009	0,019	FALSE
-0,075	0,278	-0,004	0,012	0,129	FALSE
-0,045	0,278	-0,001	0,014	0,037	FALSE
-0,109	0,269	-0,007	0,014	0,202	FALSE
-0,186	0,287	-0,004	0,008	0,241	FALSE
-0,050	0,291	-0,001	0,011	0,033	FALSE
0,024	0,290	0,001	0,008	0,053	FALSE
-0,040	0,265	-0,001	0,010	0,035	FALSE
0,026	0,287	0,002	0,009	0,082	FALSE
-0,014	0,266	-0,001	0,013	0,023	FALSE
-0,071	0,297	-0,001	0,008	0,040	FALSE
0,021	0,294	0,001	0,010	0,026	FALSE
-0,094	0,292	-0,003	0,009	0,137	FALSE
-0,055	0,306	-0,001	0,013	0,034	FALSE
-0,052	0,294	-0,001	0,008	0,048	FALSE
0,191	0,286	0,007	0,008	0,386	FALSE
0,021	0,292	0,002	0,008	0,110	FALSE
0,151	0,270	0,006	0,013	0,201	FALSE
0,089	0,296	0,004	0,010	0,137	FALSE
0,162	0,261	0,006	0,012	0,219	FALSE
0,150	0,274	0,006	0,013	0,206	FALSE

-0,102	0,278	-0,004	0,008	0,178	FALSE
0,179	0,283	0,005	0,009	0,238	FALSE
0,009	0,298	-0,001	0,008	0,024	FALSE
-0,215	0,271	-0,007	0,008	0,420	FALSE
-0,065	0,303	-0,004	0,012	0,113	FALSE
0,219	0,282	0,005	0,009	0,223	FALSE
-0,097	0,272	-0,002	0,008	0,092	FALSE
0,155	0,285	0,004	0,012	0,135	FALSE
-0,022	0,282	0,000	0,007	0,010	FALSE
-0,015	0,306	-0,001	0,008	0,027	FALSE
0,062	0,297	0,003	0,014	0,075	FALSE
0,094	0,291	0,003	0,013	0,094	FALSE
0,119	0,292	0,005	0,013	0,174	FALSE
0,102	0,285	0,004	0,012	0,133	FALSE
-0,052	0,296	0,000	0,008	0,007	FALSE
0,043	0,286	0,000	0,009	0,015	FALSE
-0,035	0,288	-0,001	0,008	0,057	FALSE
0,020	0,291	0,000	0,012	0,000	FALSE
0,186	0,275	0,007	0,012	0,268	FALSE
0,141	0,285	0,005	0,012	0,181	FALSE
-0,060	0,286	-0,001	0,008	0,050	FALSE
0,114	0,274	0,003	0,008	0,130	FALSE
-0,038	0,285	0,000	0,008	0,023	FALSE
0,134	0,283	0,008	0,015	0,223	FALSE
0,092	0,290	0,004	0,014	0,100	FALSE
-0,126	0,284	-0,005	0,012	0,148	FALSE
0,070	0,293	0,001	0,007	0,044	FALSE
-0,212	0,294	-0,006	0,010	0,276	FALSE
0,109	0,284	0,005	0,010	0,193	FALSE
-0,132	0,292	-0,006	0,012	0,199	FALSE
0,073	0,293	0,002	0,010	0,093	FALSE
0,001	0,303	0,003	0,014	0,072	FALSE
0,141	0,289	0,008	0,015	0,218	FALSE
0,013	0,299	0,002	0,014	0,056	FALSE
0,007	0,272	0,002	0,010	0,096	FALSE
0,029	0,285	0,001	0,014	0,021	FALSE
0,007	0,285	0,002	0,011	0,083	FALSE
-0,011	0,287	0,000	0,009	0,012	FALSE
-0,138	0,296	-0,007	0,015	0,208	FALSE
-0,181	0,288	-0,010	0,015	0,293	FALSE
-0,102	0,288	-0,005	0,013	0,143	FALSE
-0,132	0,291	-0,009	0,015	0,250	FALSE
0,236	0,285	0,013	0,015	0,433	FALSE
-0,058	0,289	-0,001	0,008	0,047	FALSE
-0,065	0,304	-0,003	0,014	0,079	FALSE
0,010	0,288	-0,001	0,013	0,015	FALSE
-0,012	0,289	0,000	0,010	0,007	FALSE
-0,044	0,286	-0,001	0,007	0,026	FALSE
0,144	0,289	0,003	0,009	0,135	FALSE
-0,068	0,288	-0,002	0,007	0,094	FALSE
0,037	0,282	0,000	0,007	0,012	FALSE
0,036	0,293	0,000	0,008	0,020	FALSE
0,049	0,282	0,001	0,008	0,025	FALSE

0,026	0,282	0,000	0,007	0,009	FALSE
-0,129	0,283	-0,003	0,009	0,123	FALSE
-0,140	0,290	-0,003	0,010	0,141	FALSE
0,035	0,282	0,000	0,012	0,001	FALSE
-0,007	0,290	0,000	0,014	0,011	FALSE
0,114	0,290	0,006	0,015	0,156	FALSE
0,037	0,303	0,001	0,016	0,026	FALSE
0,037	0,284	-0,002	0,009	0,080	FALSE
-0,068	0,272	-0,002	0,007	0,137	FALSE
-0,113	0,278	-0,004	0,012	0,138	FALSE
-0,147	0,270	-0,004	0,012	0,139	FALSE
0,025	0,302	0,000	0,011	0,006	FALSE
-0,002	0,297	0,001	0,015	0,032	FALSE
0,108	0,295	0,003	0,008	0,141	FALSE
-0,068	0,290	-0,003	0,015	0,084	FALSE
-0,032	0,305	-0,003	0,011	0,093	FALSE
-0,062	0,301	-0,002	0,015	0,046	FALSE
0,063	0,297	0,003	0,008	0,138	FALSE
0,030	0,285	-0,001	0,010	0,021	FALSE
-0,070	0,284	-0,002	0,009	0,083	FALSE
-0,117	0,298	-0,004	0,012	0,131	FALSE
-0,123	0,286	-0,006	0,014	0,186	FALSE
-0,128	0,281	-0,004	0,012	0,146	FALSE
0,143	0,271	0,004	0,012	0,129	FALSE
0,102	0,264	0,002	0,012	0,067	FALSE
-0,096	0,275	-0,003	0,011	0,118	FALSE
0,093	0,265	0,002	0,012	0,058	FALSE
0,106	0,273	0,002	0,011	0,053	FALSE
0,112	0,263	0,002	0,011	0,081	FALSE
-0,173	0,277	-0,008	0,012	0,273	FALSE
-0,061	0,282	-0,002	0,007	0,090	FALSE
-0,100	0,276	-0,003	0,014	0,087	FALSE
-0,083	0,289	-0,004	0,014	0,120	FALSE
0,094	0,280	0,002	0,009	0,066	FALSE
-0,210	0,271	-0,009	0,014	0,270	FALSE
-0,138	0,288	-0,005	0,015	0,129	FALSE
0,150	0,272	0,003	0,008	0,136	FALSE
0,063	0,276	0,000	0,012	0,003	FALSE
0,115	0,267	0,005	0,011	0,181	FALSE
-0,001	0,288	0,000	0,013	0,005	FALSE
-0,117	0,284	-0,009	0,013	0,308	FALSE
-0,109	0,268	-0,007	0,012	0,257	FALSE
0,025	0,276	-0,002	0,012	0,059	FALSE
-0,042	0,277	-0,002	0,014	0,055	FALSE
-0,110	0,286	-0,002	0,011	0,059	FALSE
0,000	0,270	-0,003	0,011	0,092	FALSE
0,072	0,278	0,002	0,008	0,076	FALSE
0,049	0,285	0,001	0,014	0,037	FALSE
0,088	0,282	0,002	0,014	0,064	FALSE
0,092	0,303	0,003	0,011	0,119	FALSE
-0,017	0,284	-0,001	0,014	0,027	FALSE
-0,238	0,279	-0,007	0,010	0,316	FALSE
0,016	0,298	0,001	0,011	0,030	FALSE

0,128	0,293	0,002	0,010	0,071	FALSE
-0,021	0,286	0,001	0,012	0,031	FALSE
-0,070	0,291	-0,002	0,008	0,087	FALSE
-0,080	0,291	-0,005	0,012	0,170	FALSE
-0,064	0,300	-0,002	0,011	0,080	FALSE
0,078	0,279	0,003	0,009	0,147	FALSE
-0,173	0,265	-0,009	0,014	0,279	FALSE
-0,086	0,290	-0,001	0,010	0,031	FALSE
0,159	0,280	0,005	0,008	0,242	FALSE
0,172	0,280	0,005	0,008	0,264	FALSE
-0,055	0,296	-0,002	0,008	0,076	FALSE
0,008	0,300	0,001	0,011	0,019	FALSE
-0,049	0,286	-0,003	0,010	0,094	FALSE
-0,161	0,286	-0,004	0,008	0,208	FALSE
-0,066	0,283	-0,003	0,008	0,116	FALSE
0,014	0,279	-0,003	0,015	0,084	FALSE
-0,058	0,298	0,000	0,008	0,016	FALSE
-0,164	0,276	-0,004	0,008	0,198	FALSE
-0,180	0,281	-0,005	0,009	0,213	FALSE
0,047	0,294	0,001	0,015	0,034	FALSE
0,059	0,282	0,002	0,010	0,085	FALSE
0,032	0,291	0,002	0,011	0,064	FALSE
-0,113	0,302	-0,007	0,015	0,197	FALSE
-0,195	0,260	-0,008	0,015	0,223	FALSE
-0,041	0,291	0,000	0,009	0,012	FALSE
0,031	0,287	0,001	0,014	0,019	FALSE
0,207	0,283	0,009	0,014	0,279	FALSE
-0,046	0,297	-0,005	0,015	0,125	FALSE
0,128	0,288	0,006	0,015	0,175	FALSE
-0,021	0,292	0,001	0,012	0,024	FALSE
-0,003	0,291	-0,002	0,014	0,040	FALSE
-0,110	0,277	-0,004	0,014	0,095	FALSE
-0,098	0,277	-0,007	0,013	0,240	FALSE
-0,043	0,269	-0,003	0,014	0,081	FALSE
-0,123	0,278	-0,003	0,010	0,138	FALSE
0,142	0,276	0,007	0,013	0,217	FALSE
-0,013	0,289	-0,001	0,008	0,050	FALSE
0,028	0,282	0,001	0,009	0,050	FALSE
-0,070	0,291	-0,002	0,014	0,065	FALSE
0,047	0,278	0,000	0,009	0,002	FALSE
-0,176	0,277	-0,006	0,013	0,200	FALSE
-0,202	0,284	-0,004	0,008	0,221	FALSE
0,166	0,290	0,005	0,012	0,175	FALSE
0,063	0,281	0,002	0,013	0,067	FALSE
-0,072	0,298	-0,003	0,014	0,075	FALSE
0,022	0,300	-0,002	0,013	0,063	FALSE
-0,004	0,278	-0,003	0,012	0,088	FALSE
0,019	0,293	-0,003	0,012	0,085	FALSE
-0,105	0,284	-0,004	0,011	0,163	FALSE
0,015	0,290	-0,002	0,012	0,073	FALSE
0,103	0,274	0,001	0,007	0,076	FALSE
0,024	0,299	-0,001	0,011	0,029	FALSE
-0,115	0,276	-0,003	0,009	0,164	FALSE

0,152	0,288	0,005	0,010	0,187	FALSE
0,045	0,281	0,002	0,012	0,048	FALSE
0,053	0,276	0,003	0,014	0,075	FALSE
0,102	0,281	0,005	0,013	0,163	FALSE
0,094	0,280	0,005	0,014	0,156	FALSE
0,150	0,282	0,009	0,014	0,285	FALSE
0,079	0,285	0,005	0,013	0,174	FALSE
0,145	0,282	0,009	0,014	0,293	FALSE
0,060	0,285	0,002	0,009	0,065	FALSE
-0,088	0,287	-0,001	0,009	0,033	FALSE
-0,036	0,280	0,000	0,010	0,007	FALSE
-0,156	0,282	-0,005	0,014	0,137	FALSE
-0,034	0,292	-0,002	0,015	0,058	FALSE
0,016	0,296	0,000	0,011	0,002	FALSE
-0,093	0,283	-0,002	0,008	0,098	FALSE
0,140	0,288	0,004	0,013	0,133	FALSE
0,067	0,291	0,002	0,007	0,111	FALSE
-0,006	0,286	0,000	0,013	0,005	FALSE
0,079	0,286	0,002	0,008	0,098	FALSE
0,068	0,289	0,003	0,012	0,085	FALSE
0,059	0,291	0,001	0,014	0,026	FALSE
-0,035	0,291	-0,004	0,015	0,108	FALSE
0,040	0,282	0,001	0,008	0,046	FALSE
0,080	0,282	0,001	0,014	0,033	FALSE
-0,081	0,284	-0,002	0,008	0,075	FALSE
0,079	0,280	0,000	0,014	0,009	FALSE
-0,060	0,291	-0,001	0,013	0,019	FALSE
0,119	0,291	0,005	0,009	0,234	FALSE
0,139	0,287	0,005	0,014	0,149	FALSE
-0,046	0,287	0,001	0,008	0,032	FALSE
0,191	0,299	0,009	0,015	0,267	FALSE
0,027	0,286	0,002	0,008	0,087	FALSE
-0,186	0,277	-0,006	0,014	0,162	FALSE
-0,130	0,275	-0,004	0,009	0,170	FALSE
-0,214	0,278	-0,007	0,014	0,215	FALSE
0,037	0,287	0,002	0,009	0,103	FALSE
0,071	0,295	0,004	0,011	0,142	FALSE
-0,052	0,288	0,000	0,014	0,009	FALSE
-0,130	0,291	-0,002	0,007	0,138	FALSE
0,058	0,267	0,000	0,013	0,010	FALSE
0,061	0,264	-0,001	0,012	0,016	FALSE
-0,074	0,283	-0,002	0,009	0,086	FALSE
0,139	0,269	0,002	0,011	0,055	FALSE
-0,067	0,283	-0,001	0,009	0,057	FALSE
0,020	0,301	0,003	0,012	0,089	FALSE
0,172	0,281	0,003	0,008	0,149	FALSE
-0,012	0,279	0,001	0,011	0,022	FALSE
0,009	0,297	-0,001	0,013	0,016	FALSE
0,021	0,285	0,000	0,013	0,007	FALSE
0,040	0,305	0,004	0,016	0,090	FALSE
0,097	0,289	0,004	0,012	0,132	FALSE
-0,080	0,301	-0,001	0,009	0,024	FALSE
-0,090	0,281	-0,003	0,012	0,102	FALSE

-0,237	0,287	-0,010	0,015	0,309	FALSE
0,038	0,292	0,003	0,014	0,088	FALSE
-0,102	0,285	-0,003	0,010	0,102	FALSE
0,125	0,298	0,006	0,015	0,164	FALSE
-0,111	0,294	-0,005	0,012	0,149	FALSE
-0,054	0,284	-0,002	0,013	0,055	FALSE
-0,002	0,293	0,000	0,013	0,009	FALSE
0,183	0,276	0,004	0,011	0,155	FALSE
-0,072	0,284	-0,001	0,010	0,049	FALSE
0,024	0,300	-0,002	0,014	0,043	FALSE
-0,029	0,301	-0,002	0,014	0,049	FALSE
-0,041	0,302	-0,003	0,015	0,083	FALSE
0,158	0,283	0,003	0,012	0,111	FALSE
-0,022	0,270	-0,002	0,008	0,082	FALSE
0,087	0,277	0,004	0,013	0,123	FALSE
-0,082	0,285	-0,002	0,010	0,091	FALSE
-0,037	0,291	-0,001	0,013	0,031	FALSE
-0,069	0,282	-0,004	0,014	0,112	FALSE
0,031	0,284	0,000	0,007	0,017	FALSE
0,033	0,287	0,000	0,012	0,009	FALSE
0,039	0,276	0,000	0,013	0,007	FALSE
0,011	0,277	0,001	0,007	0,046	FALSE
-0,035	0,293	-0,003	0,014	0,079	FALSE
-0,089	0,286	-0,002	0,008	0,105	FALSE
-0,044	0,274	0,002	0,013	0,063	FALSE
-0,069	0,286	0,001	0,013	0,024	FALSE
-0,045	0,279	0,001	0,010	0,033	FALSE
0,122	0,285	0,004	0,012	0,114	FALSE
0,046	0,307	0,002	0,012	0,059	FALSE
0,089	0,295	0,003	0,012	0,102	FALSE
0,034	0,294	0,005	0,014	0,156	FALSE
0,161	0,276	0,003	0,009	0,143	FALSE
0,038	0,283	0,000	0,013	0,004	FALSE
0,035	0,281	0,003	0,014	0,079	FALSE
-0,069	0,298	-0,001	0,015	0,030	FALSE
-0,018	0,279	0,000	0,013	0,002	FALSE
-0,030	0,284	0,000	0,013	0,011	FALSE
-0,014	0,303	0,001	0,013	0,019	FALSE
0,051	0,290	0,003	0,015	0,080	FALSE
-0,062	0,303	-0,001	0,013	0,039	FALSE
0,045	0,267	0,002	0,014	0,067	FALSE
0,072	0,276	0,003	0,011	0,099	FALSE
0,130	0,282	0,003	0,009	0,122	FALSE
0,008	0,283	0,000	0,008	0,006	FALSE
-0,127	0,295	-0,005	0,009	0,218	FALSE
0,115	0,275	0,003	0,012	0,099	FALSE
0,168	0,280	0,005	0,009	0,257	FALSE
-0,008	0,280	0,001	0,014	0,030	FALSE
0,154	0,282	0,004	0,009	0,173	FALSE
0,206	0,280	0,006	0,010	0,243	FALSE
0,037	0,287	0,003	0,014	0,086	FALSE
-0,238	0,271	-0,009	0,012	0,369	FALSE
-0,032	0,276	-0,001	0,011	0,041	FALSE

-0,241	0,266	-0,013	0,014	0,472	FALSE
-0,218	0,287	-0,012	0,015	0,359	FALSE
-0,090	0,284	-0,002	0,011	0,063	FALSE
-0,045	0,287	-0,003	0,011	0,096	FALSE
0,054	0,283	0,000	0,012	0,014	FALSE
-0,045	0,291	-0,004	0,014	0,113	FALSE
-0,183	0,272	-0,005	0,009	0,259	FALSE
-0,191	0,282	-0,005	0,009	0,271	TRUE
0,103	0,286	0,003	0,008	0,156	FALSE
0,015	0,295	0,001	0,015	0,019	FALSE
0,016	0,290	0,000	0,008	0,006	FALSE
-0,114	0,284	-0,001	0,007	0,067	FALSE
0,011	0,289	0,002	0,008	0,090	FALSE
0,021	0,277	0,001	0,010	0,034	FALSE
-0,203	0,277	-0,005	0,008	0,286	FALSE
0,029	0,288	-0,001	0,010	0,027	FALSE
-0,040	0,296	-0,002	0,010	0,076	FALSE
-0,025	0,276	-0,001	0,009	0,058	FALSE
0,113	0,298	0,006	0,014	0,168	FALSE
0,065	0,295	0,001	0,009	0,038	FALSE
0,077	0,304	0,001	0,009	0,040	FALSE
0,038	0,291	0,000	0,008	0,006	FALSE
0,060	0,287	0,001	0,008	0,048	FALSE
-0,004	0,299	0,000	0,010	0,018	FALSE
-0,022	0,302	0,000	0,014	0,010	FALSE
0,041	0,281	0,002	0,009	0,074	FALSE
0,028	0,279	0,001	0,008	0,061	FALSE
-0,095	0,292	-0,001	0,008	0,072	FALSE
-0,058	0,283	0,000	0,008	0,017	FALSE
0,090	0,290	0,002	0,009	0,099	FALSE
-0,052	0,288	0,000	0,010	0,001	FALSE
-0,013	0,289	-0,001	0,015	0,031	FALSE
0,166	0,283	0,004	0,007	0,230	FALSE
-0,015	0,284	-0,002	0,013	0,060	FALSE
0,025	0,290	0,003	0,015	0,063	FALSE
0,028	0,297	0,000	0,015	0,012	FALSE
-0,105	0,284	-0,006	0,014	0,181	FALSE
-0,080	0,277	-0,001	0,008	0,060	FALSE
0,061	0,272	0,002	0,014	0,065	FALSE
0,016	0,290	0,002	0,014	0,058	FALSE
-0,051	0,293	-0,003	0,010	0,120	FALSE
0,042	0,287	0,003	0,015	0,089	FALSE
-0,080	0,292	-0,005	0,014	0,129	FALSE
-0,084	0,299	-0,001	0,008	0,056	FALSE
-0,029	0,282	-0,001	0,014	0,021	FALSE
0,038	0,302	0,000	0,008	0,008	FALSE
0,026	0,308	0,000	0,014	0,004	FALSE
0,188	0,287	0,004	0,009	0,154	FALSE
0,023	0,298	0,001	0,015	0,012	FALSE
0,046	0,274	0,001	0,013	0,033	FALSE
-0,229	0,272	-0,012	0,014	0,410	FALSE
0,220	0,274	0,013	0,014	0,428	FALSE
0,009	0,283	-0,001	0,012	0,038	FALSE

-0,110	0,284	-0,003	0,010	0,122	FALSE
-0,142	0,294	-0,009	0,015	0,246	FALSE
-0,117	0,282	-0,003	0,010	0,144	FALSE
-0,081	0,283	-0,002	0,010	0,073	FALSE
-0,103	0,280	-0,003	0,010	0,097	FALSE
0,114	0,289	0,004	0,014	0,105	FALSE
0,018	0,292	0,001	0,011	0,039	FALSE
-0,028	0,285	-0,002	0,007	0,079	FALSE
0,141	0,287	0,007	0,015	0,204	FALSE
-0,067	0,285	-0,001	0,007	0,061	FALSE
-0,035	0,296	-0,002	0,010	0,067	FALSE
-0,044	0,290	-0,003	0,014	0,078	FALSE
-0,003	0,279	-0,002	0,015	0,059	FALSE
-0,018	0,288	-0,003	0,014	0,084	FALSE
0,046	0,282	0,001	0,010	0,050	FALSE
0,074	0,264	0,000	0,012	0,004	FALSE
0,074	0,296	0,003	0,010	0,097	FALSE
0,056	0,278	0,001	0,011	0,028	FALSE
-0,221	0,279	-0,010	0,013	0,389	FALSE
-0,052	0,292	-0,001	0,009	0,049	FALSE
-0,023	0,283	0,002	0,011	0,058	FALSE
0,079	0,278	0,000	0,008	0,007	FALSE
0,281	0,271	0,007	0,010	0,303	FALSE
0,135	0,284	0,005	0,008	0,238	FALSE
-0,209	0,271	-0,006	0,009	0,280	FALSE
-0,066	0,288	-0,002	0,010	0,085	FALSE
-0,121	0,292	-0,003	0,009	0,134	FALSE
0,035	0,273	0,001	0,010	0,033	FALSE
0,009	0,289	0,000	0,014	0,010	FALSE
-0,048	0,292	-0,002	0,007	0,080	FALSE
-0,212	0,275	-0,006	0,011	0,247	FALSE
-0,003	0,280	0,001	0,013	0,035	FALSE
0,037	0,284	0,002	0,013	0,066	FALSE
0,063	0,302	0,002	0,008	0,097	FALSE
0,101	0,266	0,004	0,010	0,161	FALSE
0,038	0,270	0,002	0,015	0,047	FALSE
0,020	0,312	0,001	0,008	0,034	FALSE
-0,043	0,283	-0,001	0,008	0,064	FALSE
-0,060	0,288	-0,002	0,007	0,094	FALSE
-0,075	0,276	-0,004	0,015	0,093	FALSE
0,013	0,288	0,001	0,014	0,015	FALSE
0,056	0,288	0,001	0,012	0,035	FALSE
-0,001	0,301	-0,001	0,010	0,019	FALSE
0,179	0,297	0,004	0,008	0,225	FALSE
-0,043	0,299	-0,001	0,008	0,041	FALSE
0,014	0,296	0,000	0,008	0,018	FALSE
-0,067	0,294	-0,001	0,011	0,038	FALSE
-0,174	0,279	-0,007	0,014	0,231	FALSE
0,013	0,268	-0,001	0,014	0,017	FALSE
0,013	0,275	-0,001	0,014	0,032	FALSE
-0,087	0,280	-0,002	0,008	0,104	FALSE
0,077	0,286	0,000	0,009	0,015	FALSE
-0,102	0,276	-0,001	0,008	0,044	FALSE

-0,020	0,273	0,000	0,011	0,004	FALSE
0,094	0,276	0,002	0,007	0,110	FALSE
0,055	0,288	0,002	0,007	0,098	FALSE
0,017	0,287	0,001	0,008	0,042	FALSE
-0,079	0,286	-0,003	0,008	0,126	FALSE
-0,100	0,293	-0,002	0,008	0,086	FALSE
-0,210	0,287	-0,013	0,015	0,419	FALSE
-0,183	0,271	-0,011	0,014	0,380	FALSE
-0,184	0,279	-0,011	0,014	0,384	FALSE
0,119	0,285	0,005	0,010	0,203	FALSE
-0,069	0,282	-0,002	0,008	0,122	FALSE
0,024	0,287	0,001	0,012	0,020	FALSE
-0,069	0,278	-0,002	0,007	0,101	FALSE
-0,160	0,278	-0,010	0,014	0,324	FALSE
-0,076	0,295	-0,001	0,013	0,024	FALSE
0,132	0,290	0,005	0,013	0,165	FALSE
0,125	0,282	0,005	0,013	0,158	FALSE
0,055	0,269	-0,001	0,014	0,015	FALSE
0,156	0,280	0,004	0,013	0,134	FALSE
0,099	0,289	0,003	0,012	0,099	FALSE
0,038	0,290	0,001	0,008	0,063	FALSE
0,019	0,290	0,001	0,008	0,041	FALSE
0,180	0,280	0,008	0,013	0,273	FALSE
0,050	0,286	0,002	0,010	0,092	FALSE
-0,136	0,280	-0,004	0,009	0,213	FALSE
0,079	0,287	0,002	0,010	0,068	FALSE
0,263	0,283	0,013	0,015	0,397	FALSE
-0,006	0,294	0,000	0,007	0,009	FALSE
-0,092	0,282	-0,004	0,010	0,185	FALSE
-0,019	0,304	0,000	0,011	0,007	FALSE
0,006	0,282	-0,001	0,009	0,023	FALSE
0,107	0,278	0,007	0,014	0,216	FALSE
0,025	0,281	0,001	0,009	0,033	FALSE
-0,175	0,282	-0,006	0,010	0,237	FALSE
0,194	0,293	0,004	0,009	0,165	FALSE
-0,080	0,273	-0,002	0,014	0,041	FALSE
-0,060	0,294	-0,002	0,014	0,058	FALSE
-0,017	0,290	-0,002	0,014	0,067	FALSE
0,086	0,293	0,005	0,013	0,144	FALSE
0,068	0,270	0,000	0,012	0,005	FALSE
-0,077	0,290	-0,004	0,015	0,094	FALSE
-0,120	0,293	-0,006	0,015	0,163	FALSE
-0,062	0,286	-0,002	0,009	0,084	FALSE
0,103	0,296	0,004	0,011	0,135	FALSE
-0,067	0,299	-0,003	0,013	0,086	FALSE
-0,087	0,283	-0,002	0,007	0,115	FALSE
-0,094	0,296	-0,003	0,010	0,098	FALSE
0,035	0,285	0,002	0,009	0,073	FALSE
-0,034	0,285	-0,003	0,010	0,147	FALSE
0,079	0,296	0,005	0,014	0,153	FALSE
0,076	0,279	0,005	0,013	0,144	FALSE
0,098	0,303	0,003	0,012	0,105	FALSE
0,117	0,285	0,004	0,014	0,109	FALSE

-0,102	0,288	-0,001	0,008	0,070	FALSE
0,120	0,295	0,005	0,009	0,241	FALSE
0,023	0,292	0,001	0,013	0,020	FALSE
-0,081	0,280	-0,003	0,008	0,143	FALSE
0,079	0,280	0,005	0,014	0,136	FALSE
0,125	0,285	0,005	0,012	0,185	FALSE
-0,025	0,279	0,001	0,014	0,013	FALSE
-0,113	0,294	-0,004	0,012	0,117	FALSE
0,139	0,275	0,002	0,007	0,082	FALSE
0,133	0,297	0,004	0,010	0,152	FALSE
0,063	0,278	0,002	0,009	0,097	FALSE
-0,108	0,296	-0,006	0,014	0,170	FALSE
0,042	0,285	0,002	0,014	0,063	FALSE
-0,136	0,282	-0,006	0,012	0,210	FALSE
0,143	0,280	0,003	0,008	0,127	FALSE
0,164	0,282	0,006	0,011	0,231	FALSE
-0,030	0,297	0,000	0,011	0,004	FALSE
-0,054	0,286	-0,003	0,012	0,088	FALSE
-0,064	0,296	-0,003	0,012	0,094	FALSE
-0,059	0,287	-0,001	0,008	0,045	FALSE
0,142	0,279	0,006	0,014	0,164	FALSE
0,070	0,298	0,003	0,008	0,135	FALSE
-0,050	0,279	-0,001	0,015	0,035	FALSE
0,022	0,290	0,000	0,010	0,002	FALSE
-0,057	0,289	-0,004	0,015	0,090	FALSE
-0,023	0,292	-0,001	0,008	0,022	FALSE
-0,001	0,283	-0,001	0,014	0,022	FALSE
0,104	0,296	0,005	0,014	0,134	FALSE
-0,080	0,289	-0,002	0,011	0,085	FALSE
-0,031	0,290	0,000	0,012	0,006	FALSE
-0,043	0,287	-0,001	0,011	0,029	FALSE
-0,072	0,267	-0,003	0,012	0,106	FALSE
-0,037	0,286	-0,001	0,012	0,034	FALSE
-0,048	0,286	-0,001	0,008	0,031	FALSE
-0,051	0,296	-0,003	0,015	0,078	FALSE
-0,024	0,292	-0,001	0,008	0,052	FALSE
0,008	0,303	0,000	0,008	0,016	FALSE
-0,105	0,283	-0,004	0,015	0,094	FALSE
0,013	0,290	0,001	0,008	0,068	FALSE
0,083	0,275	0,002	0,015	0,052	FALSE
-0,126	0,278	-0,005	0,014	0,156	FALSE
-0,106	0,285	-0,004	0,013	0,114	FALSE
-0,003	0,292	0,000	0,012	0,010	FALSE
-0,105	0,285	-0,003	0,008	0,168	FALSE
-0,026	0,304	0,000	0,010	0,009	FALSE
0,007	0,285	-0,001	0,011	0,037	FALSE
0,091	0,277	0,002	0,010	0,087	FALSE
-0,003	0,286	0,000	0,012	0,004	FALSE
0,011	0,285	0,000	0,009	0,015	FALSE
-0,016	0,280	-0,001	0,012	0,028	FALSE
-0,010	0,293	0,000	0,014	0,006	FALSE
-0,104	0,298	-0,003	0,014	0,087	FALSE
0,132	0,292	0,003	0,010	0,117	FALSE

0,154	0,287	0,004	0,010	0,166	FALSE
0,058	0,290	0,002	0,013	0,046	FALSE
-0,035	0,290	-0,003	0,015	0,067	FALSE
-0,085	0,298	-0,004	0,016	0,103	FALSE
-0,143	0,293	-0,006	0,012	0,195	FALSE
-0,036	0,286	-0,001	0,011	0,033	FALSE
-0,078	0,273	-0,002	0,014	0,049	FALSE
-0,065	0,293	-0,003	0,009	0,147	FALSE
0,023	0,280	0,001	0,008	0,030	FALSE
-0,066	0,290	-0,003	0,008	0,148	FALSE
0,039	0,276	0,001	0,007	0,041	FALSE
-0,008	0,286	-0,001	0,014	0,018	FALSE
0,026	0,284	0,004	0,013	0,112	FALSE
0,021	0,277	0,000	0,013	0,009	FALSE
-0,127	0,288	-0,005	0,010	0,224	FALSE
-0,158	0,294	-0,004	0,009	0,165	FALSE
0,008	0,291	0,001	0,014	0,030	FALSE
-0,061	0,297	-0,001	0,008	0,027	FALSE
0,010	0,285	0,001	0,013	0,040	FALSE
-0,091	0,285	-0,004	0,011	0,139	FALSE
0,011	0,297	0,001	0,008	0,040	FALSE
0,021	0,298	0,001	0,012	0,018	FALSE
0,009	0,274	0,000	0,011	0,006	FALSE
0,013	0,289	0,000	0,012	0,006	FALSE
-0,096	0,279	-0,002	0,007	0,121	FALSE
0,080	0,289	0,003	0,007	0,156	FALSE
0,059	0,293	0,003	0,014	0,092	FALSE
0,014	0,298	0,001	0,010	0,029	FALSE
0,213	0,293	0,004	0,008	0,217	FALSE
-0,127	0,281	-0,003	0,008	0,167	FALSE
-0,120	0,287	-0,003	0,007	0,135	FALSE
-0,102	0,285	-0,002	0,008	0,081	FALSE
-0,089	0,287	-0,002	0,010	0,079	FALSE
0,226	0,278	0,011	0,013	0,391	FALSE
-0,048	0,282	-0,001	0,008	0,062	FALSE
-0,131	0,275	-0,004	0,013	0,110	FALSE
0,113	0,292	0,007	0,014	0,203	FALSE
0,087	0,285	0,003	0,014	0,069	FALSE
-0,052	0,285	-0,003	0,013	0,099	FALSE
-0,118	0,269	-0,004	0,011	0,132	FALSE
-0,085	0,290	-0,001	0,008	0,046	FALSE
-0,058	0,289	-0,001	0,009	0,041	FALSE
0,054	0,298	0,005	0,013	0,135	FALSE
0,000	0,265	0,001	0,014	0,019	FALSE
-0,116	0,280	-0,005	0,015	0,141	FALSE
-0,070	0,291	-0,004	0,015	0,100	FALSE
-0,051	0,275	0,000	0,008	0,018	FALSE
-0,041	0,289	-0,001	0,010	0,050	FALSE
-0,173	0,278	-0,006	0,012	0,226	FALSE
0,059	0,284	0,002	0,014	0,056	FALSE
-0,077	0,268	-0,003	0,014	0,090	FALSE
0,111	0,289	0,004	0,015	0,109	FALSE
-0,045	0,296	-0,001	0,011	0,045	FALSE

-0,005	0,290	0,000	0,007	0,000	FALSE
0,071	0,290	0,003	0,011	0,106	FALSE
-0,238	0,278	-0,009	0,015	0,284	FALSE
-0,182	0,287	-0,005	0,010	0,237	FALSE
-0,248	0,272	-0,008	0,011	0,341	FALSE
0,078	0,286	0,001	0,014	0,031	FALSE
0,083	0,293	0,005	0,014	0,158	FALSE
0,008	0,289	-0,002	0,014	0,040	FALSE
0,057	0,289	0,003	0,008	0,148	FALSE
-0,190	0,281	-0,004	0,008	0,233	FALSE
0,094	0,286	0,002	0,008	0,102	FALSE
-0,145	0,290	-0,004	0,011	0,137	FALSE
-0,202	0,254	-0,006	0,013	0,176	FALSE
0,008	0,295	0,001	0,014	0,020	FALSE
0,048	0,283	0,001	0,008	0,027	FALSE
0,030	0,289	0,002	0,014	0,050	FALSE
-0,098	0,291	-0,002	0,008	0,073	FALSE
-0,070	0,299	-0,004	0,014	0,101	FALSE
-0,004	0,307	0,000	0,016	0,005	FALSE
0,000	0,317	0,000	0,015	0,007	FALSE
0,009	0,275	0,000	0,014	0,003	FALSE
0,127	0,279	0,007	0,015	0,182	FALSE
0,171	0,287	0,005	0,008	0,254	FALSE
-0,118	0,267	-0,003	0,010	0,138	FALSE
-0,050	0,284	-0,004	0,012	0,130	FALSE
0,067	0,290	0,004	0,013	0,107	FALSE
-0,073	0,286	-0,002	0,007	0,110	FALSE
-0,005	0,294	-0,001	0,008	0,030	FALSE
0,036	0,287	0,000	0,007	0,021	FALSE
0,081	0,279	0,003	0,015	0,061	FALSE
0,140	0,267	0,005	0,014	0,138	FALSE
-0,084	0,274	-0,003	0,008	0,145	FALSE
-0,095	0,283	-0,004	0,008	0,173	FALSE
0,179	0,288	0,005	0,009	0,249	FALSE
0,002	0,280	0,000	0,015	0,010	FALSE
-0,010	0,278	0,000	0,015	0,008	FALSE
0,008	0,287	0,000	0,014	0,001	FALSE
0,015	0,266	0,001	0,011	0,041	FALSE
0,021	0,258	0,000	0,010	0,001	FALSE
0,125	0,288	0,002	0,007	0,131	FALSE
-0,087	0,270	-0,004	0,014	0,118	FALSE
-0,076	0,281	-0,005	0,012	0,160	FALSE
-0,066	0,292	-0,004	0,012	0,140	FALSE
-0,027	0,295	-0,002	0,012	0,062	FALSE
-0,072	0,295	-0,004	0,012	0,128	FALSE
-0,073	0,290	-0,004	0,012	0,140	FALSE
-0,020	0,288	-0,004	0,010	0,141	FALSE
0,086	0,278	0,004	0,012	0,120	FALSE
-0,097	0,294	-0,003	0,009	0,126	FALSE
0,087	0,289	0,002	0,008	0,075	FALSE
-0,139	0,283	-0,003	0,010	0,130	FALSE
0,019	0,290	0,001	0,009	0,039	FALSE
0,030	0,285	0,003	0,012	0,105	FALSE

0,034	0,270	0,001	0,008	0,030	FALSE
0,035	0,270	0,008	0,014	0,238	FALSE
-0,068	0,288	0,000	0,007	0,018	FALSE
0,051	0,278	0,001	0,013	0,036	FALSE
-0,068	0,284	-0,002	0,011	0,074	FALSE
0,132	0,278	0,004	0,010	0,171	FALSE
0,057	0,278	0,002	0,007	0,103	FALSE
-0,031	0,284	-0,002	0,009	0,085	FALSE
0,019	0,296	0,000	0,012	0,003	FALSE
-0,006	0,289	0,000	0,011	0,003	FALSE
-0,118	0,278	-0,004	0,009	0,166	FALSE
-0,107	0,270	-0,005	0,013	0,143	FALSE
-0,074	0,291	-0,004	0,015	0,107	FALSE
0,040	0,288	0,002	0,009	0,063	FALSE
0,060	0,277	0,002	0,008	0,120	FALSE
-0,141	0,282	-0,004	0,008	0,174	FALSE
0,045	0,288	0,001	0,008	0,049	FALSE
-0,109	0,289	-0,003	0,009	0,155	FALSE
0,145	0,279	0,004	0,007	0,245	FALSE
0,149	0,269	0,004	0,008	0,227	FALSE
0,034	0,291	0,002	0,014	0,041	FALSE
-0,028	0,290	-0,001	0,010	0,043	FALSE
-0,032	0,299	-0,001	0,011	0,026	FALSE
-0,079	0,294	0,000	0,009	0,015	FALSE
-0,063	0,279	0,000	0,009	0,008	FALSE
-0,050	0,292	-0,001	0,010	0,048	FALSE
-0,065	0,287	-0,001	0,008	0,034	FALSE
-0,043	0,280	0,000	0,008	0,009	FALSE
-0,055	0,300	-0,002	0,008	0,109	FALSE
-0,029	0,284	-0,002	0,008	0,089	FALSE
0,068	0,283	0,003	0,008	0,125	FALSE
-0,026	0,276	-0,002	0,007	0,127	FALSE
-0,194	0,275	-0,006	0,008	0,331	FALSE
0,079	0,283	0,002	0,008	0,109	FALSE
0,028	0,295	0,001	0,010	0,049	FALSE
-0,042	0,270	-0,001	0,010	0,050	FALSE
-0,110	0,292	-0,004	0,008	0,207	FALSE
-0,206	0,257	-0,004	0,009	0,212	FALSE
0,095	0,290	0,002	0,008	0,099	FALSE
-0,021	0,284	0,000	0,014	0,002	FALSE
0,111	0,281	0,002	0,008	0,089	FALSE
-0,062	0,292	-0,001	0,009	0,043	FALSE
-0,096	0,281	-0,004	0,010	0,160	FALSE
0,039	0,278	0,002	0,008	0,108	FALSE
0,001	0,285	-0,002	0,011	0,072	FALSE
0,048	0,304	0,001	0,010	0,032	FALSE
-0,024	0,288	-0,003	0,011	0,098	FALSE
0,094	0,278	0,002	0,013	0,068	FALSE
0,071	0,284	0,002	0,008	0,117	FALSE
0,055	0,286	0,001	0,008	0,043	FALSE
0,011	0,273	0,000	0,012	0,000	FALSE
-0,044	0,291	-0,001	0,011	0,024	FALSE
-0,053	0,292	-0,001	0,011	0,045	FALSE

0,063	0,297	0,001	0,008	0,072	FALSE
0,023	0,295	0,001	0,008	0,039	FALSE
0,031	0,300	0,000	0,010	0,001	FALSE
-0,011	0,289	-0,002	0,011	0,065	FALSE
0,068	0,262	0,001	0,010	0,043	FALSE
0,064	0,282	0,000	0,014	0,008	FALSE
0,048	0,296	0,002	0,014	0,057	FALSE
0,242	0,287	0,006	0,010	0,270	FALSE
0,033	0,303	0,003	0,007	0,151	FALSE
0,155	0,292	0,004	0,010	0,161	FALSE
0,029	0,283	0,000	0,008	0,015	FALSE
-0,032	0,275	0,000	0,007	0,004	FALSE
-0,044	0,291	-0,002	0,013	0,046	FALSE
0,075	0,295	0,001	0,013	0,040	FALSE
0,000	0,278	-0,001	0,013	0,033	FALSE
-0,106	0,280	-0,004	0,011	0,148	FALSE
-0,011	0,273	0,000	0,008	0,011	FALSE
-0,096	0,281	-0,003	0,009	0,129	FALSE
-0,011	0,294	-0,002	0,012	0,050	FALSE
-0,035	0,276	0,000	0,007	0,015	FALSE
0,053	0,290	0,000	0,010	0,006	FALSE
0,070	0,291	0,002	0,008	0,104	FALSE
0,114	0,280	0,005	0,013	0,139	FALSE
0,012	0,282	0,001	0,010	0,044	FALSE
-0,121	0,276	-0,003	0,009	0,117	FALSE
-0,009	0,300	0,001	0,008	0,029	FALSE
0,025	0,289	0,001	0,009	0,033	FALSE
0,155	0,265	0,007	0,013	0,222	FALSE
0,038	0,287	0,001	0,007	0,054	FALSE
-0,068	0,290	-0,002	0,015	0,058	FALSE
-0,088	0,291	-0,002	0,008	0,111	FALSE
0,104	0,284	0,004	0,014	0,114	FALSE
-0,002	0,283	0,000	0,011	0,000	FALSE
0,017	0,277	-0,001	0,010	0,044	FALSE
0,001	0,295	-0,001	0,009	0,023	FALSE
0,052	0,282	0,001	0,009	0,034	FALSE
0,005	0,289	-0,001	0,009	0,035	FALSE
-0,006	0,299	-0,001	0,010	0,051	FALSE
-0,025	0,278	-0,002	0,009	0,060	FALSE
-0,024	0,289	0,000	0,015	0,007	FALSE
0,088	0,274	0,001	0,011	0,042	FALSE
-0,004	0,292	0,001	0,012	0,038	FALSE
0,084	0,281	0,002	0,008	0,072	FALSE
0,125	0,269	0,005	0,014	0,133	FALSE
0,036	0,299	0,004	0,012	0,137	FALSE
-0,030	0,295	-0,001	0,007	0,071	FALSE
-0,109	0,281	-0,002	0,007	0,116	FALSE
0,012	0,299	-0,002	0,015	0,040	FALSE
-0,062	0,303	-0,003	0,015	0,083	FALSE
0,085	0,274	0,004	0,008	0,214	FALSE
0,118	0,277	0,003	0,011	0,110	FALSE
0,095	0,288	0,005	0,014	0,153	FALSE
0,189	0,270	0,006	0,010	0,251	FALSE

0,070	0,286	0,004	0,014	0,096	FALSE
-0,126	0,286	-0,003	0,008	0,132	FALSE
-0,007	0,295	0,002	0,012	0,053	FALSE
-0,024	0,301	0,000	0,012	0,006	FALSE
-0,017	0,290	0,000	0,011	0,007	FALSE
0,013	0,287	0,001	0,009	0,049	FALSE
0,046	0,302	0,001	0,011	0,029	FALSE
-0,080	0,292	-0,003	0,010	0,122	FALSE
0,009	0,283	0,001	0,014	0,017	FALSE
0,030	0,302	0,001	0,015	0,031	FALSE
0,158	0,285	0,002	0,009	0,080	FALSE
0,053	0,287	0,004	0,015	0,119	FALSE
-0,050	0,300	-0,001	0,010	0,051	FALSE
0,087	0,270	0,001	0,007	0,045	FALSE
-0,108	0,275	-0,004	0,013	0,113	FALSE
-0,135	0,280	-0,005	0,013	0,149	FALSE
-0,013	0,284	-0,001	0,011	0,048	FALSE
0,017	0,291	0,000	0,010	0,003	FALSE
0,001	0,295	0,001	0,011	0,030	FALSE
-0,004	0,284	0,000	0,010	0,006	FALSE
0,095	0,266	0,006	0,014	0,174	FALSE
-0,126	0,294	-0,006	0,015	0,172	FALSE
-0,009	0,280	-0,001	0,011	0,048	FALSE
0,028	0,287	-0,001	0,009	0,033	FALSE
0,003	0,287	-0,001	0,008	0,058	FALSE
0,055	0,282	0,000	0,009	0,003	FALSE
0,046	0,294	0,002	0,010	0,066	FALSE
0,028	0,291	0,000	0,009	0,019	FALSE
0,049	0,276	0,000	0,008	0,003	FALSE
-0,035	0,269	-0,001	0,012	0,045	FALSE
0,055	0,288	0,003	0,009	0,123	FALSE
-0,044	0,284	-0,001	0,014	0,028	FALSE
0,065	0,281	0,002	0,009	0,076	FALSE
0,008	0,278	0,000	0,012	0,013	FALSE
-0,111	0,281	-0,002	0,010	0,082	FALSE
0,052	0,273	0,004	0,010	0,186	FALSE
0,187	0,274	0,005	0,013	0,168	FALSE
-0,085	0,277	-0,002	0,008	0,095	FALSE
-0,058	0,287	-0,001	0,009	0,044	FALSE
-0,003	0,296	0,002	0,012	0,058	FALSE
-0,034	0,300	-0,002	0,013	0,063	FALSE
0,001	0,281	-0,002	0,012	0,061	FALSE
-0,066	0,274	0,000	0,007	0,014	FALSE
0,164	0,298	0,004	0,008	0,230	FALSE
-0,069	0,290	-0,002	0,015	0,062	FALSE
0,020	0,274	0,000	0,010	0,003	FALSE
0,090	0,287	0,004	0,013	0,124	FALSE
-0,037	0,290	-0,001	0,009	0,021	FALSE
0,015	0,290	0,002	0,014	0,057	FALSE
0,085	0,304	0,002	0,010	0,084	FALSE
0,048	0,284	0,001	0,008	0,053	FALSE
-0,048	0,274	-0,002	0,010	0,060	FALSE
0,005	0,277	0,000	0,015	0,007	FALSE

0,001	0,278	-0,001	0,014	0,016	FALSE
-0,002	0,274	0,000	0,014	0,003	FALSE
-0,002	0,291	0,001	0,009	0,041	FALSE
-0,030	0,293	-0,002	0,013	0,051	FALSE
0,111	0,288	0,003	0,008	0,153	FALSE
-0,022	0,285	-0,001	0,009	0,038	FALSE
0,078	0,293	0,001	0,012	0,040	FALSE
0,115	0,287	0,004	0,008	0,199	FALSE
-0,148	0,281	-0,003	0,007	0,142	FALSE
-0,208	0,289	-0,009	0,015	0,272	FALSE
-0,074	0,282	-0,003	0,008	0,135	FALSE
-0,092	0,289	-0,002	0,007	0,123	FALSE
0,014	0,274	0,001	0,008	0,036	FALSE
0,008	0,285	0,001	0,009	0,034	FALSE
0,030	0,281	0,000	0,013	0,013	FALSE
0,033	0,279	0,001	0,010	0,040	FALSE
-0,020	0,279	-0,001	0,013	0,037	FALSE
0,012	0,278	0,000	0,012	0,005	FALSE
0,048	0,280	0,001	0,011	0,035	FALSE
-0,004	0,261	-0,001	0,010	0,048	FALSE
0,034	0,300	0,001	0,012	0,022	TRUE
-0,050	0,276	-0,002	0,013	0,065	FALSE
-0,081	0,279	-0,005	0,015	0,135	FALSE
-0,068	0,292	-0,002	0,014	0,068	FALSE
-0,109	0,272	-0,005	0,013	0,170	FALSE
-0,123	0,278	-0,008	0,015	0,217	FALSE
0,043	0,294	0,005	0,015	0,137	FALSE
0,062	0,292	0,004	0,014	0,101	FALSE
-0,042	0,299	-0,003	0,011	0,118	FALSE
-0,118	0,294	-0,002	0,009	0,095	FALSE
-0,101	0,287	-0,005	0,014	0,162	FALSE
-0,053	0,304	-0,003	0,012	0,083	FALSE
-0,042	0,310	-0,003	0,012	0,086	FALSE
-0,096	0,287	-0,003	0,014	0,076	FALSE
-0,030	0,284	-0,003	0,010	0,108	FALSE
0,077	0,292	0,002	0,008	0,103	FALSE
0,060	0,271	0,001	0,009	0,064	FALSE
0,104	0,290	0,003	0,013	0,087	FALSE
0,018	0,294	0,002	0,011	0,051	FALSE
-0,087	0,279	-0,001	0,011	0,045	FALSE
-0,103	0,288	-0,002	0,011	0,050	FALSE
0,066	0,278	0,002	0,014	0,056	FALSE
0,006	0,285	0,001	0,014	0,022	FALSE
-0,063	0,276	-0,001	0,015	0,016	FALSE
-0,059	0,281	-0,003	0,007	0,168	FALSE
0,044	0,303	0,002	0,009	0,091	FALSE
0,049	0,288	0,001	0,009	0,031	FALSE
-0,025	0,291	0,001	0,008	0,029	FALSE
-0,013	0,300	0,000	0,014	0,004	FALSE
0,023	0,300	0,002	0,008	0,093	FALSE
0,000	0,279	-0,001	0,012	0,029	FALSE
0,058	0,268	0,001	0,010	0,023	FALSE
-0,158	0,280	-0,004	0,008	0,238	FALSE

-0,009	0,296	0,000	0,011	0,009	FALSE
-0,174	0,283	-0,004	0,007	0,199	FALSE
-0,142	0,292	-0,003	0,008	0,131	FALSE
-0,201	0,267	-0,009	0,013	0,280	FALSE
-0,053	0,284	-0,003	0,011	0,101	FALSE
-0,083	0,302	-0,003	0,016	0,079	FALSE
0,158	0,284	0,006	0,010	0,284	FALSE
0,137	0,288	0,005	0,013	0,171	FALSE
-0,119	0,300	-0,004	0,012	0,126	FALSE
0,123	0,277	0,003	0,011	0,091	FALSE
0,243	0,273	0,004	0,008	0,245	FALSE
-0,038	0,274	-0,003	0,008	0,166	FALSE
-0,149	0,278	-0,007	0,013	0,212	FALSE
-0,032	0,288	-0,002	0,008	0,112	FALSE
-0,003	0,282	0,000	0,014	0,005	FALSE
0,092	0,270	0,003	0,012	0,114	FALSE
0,050	0,272	-0,001	0,010	0,031	FALSE
-0,001	0,316	0,000	0,015	0,002	FALSE
-0,082	0,295	-0,003	0,009	0,126	FALSE
-0,007	0,289	-0,001	0,012	0,021	FALSE
-0,002	0,293	-0,001	0,009	0,039	FALSE
0,049	0,293	0,001	0,008	0,051	FALSE
0,026	0,295	0,000	0,008	0,022	FALSE
0,105	0,270	0,005	0,015	0,120	FALSE
0,001	0,303	0,002	0,016	0,038	FALSE
-0,074	0,283	-0,002	0,008	0,072	FALSE
0,044	0,291	0,001	0,011	0,044	FALSE
-0,098	0,278	-0,005	0,014	0,136	FALSE
0,039	0,279	0,002	0,011	0,074	FALSE
0,047	0,267	0,003	0,011	0,090	FALSE
0,145	0,275	0,004	0,009	0,202	FALSE
-0,095	0,288	-0,003	0,011	0,094	FALSE
0,103	0,276	0,002	0,008	0,103	FALSE
-0,089	0,287	-0,002	0,015	0,051	FALSE
-0,213	0,279	-0,007	0,011	0,271	FALSE
0,156	0,294	0,004	0,013	0,138	FALSE
-0,026	0,288	-0,002	0,012	0,054	FALSE
-0,013	0,289	-0,001	0,011	0,042	FALSE
-0,235	0,267	-0,008	0,009	0,417	TRUE
-0,048	0,281	-0,001	0,008	0,048	FALSE
-0,136	0,287	-0,003	0,008	0,168	FALSE
-0,005	0,287	0,001	0,009	0,032	FALSE
0,099	0,270	0,002	0,014	0,047	FALSE
0,106	0,275	0,002	0,014	0,049	FALSE
0,016	0,277	0,001	0,008	0,064	FALSE
-0,028	0,299	0,000	0,015	0,001	FALSE
-0,060	0,292	-0,004	0,013	0,118	FALSE
0,129	0,269	0,004	0,010	0,140	FALSE
-0,173	0,285	-0,007	0,015	0,181	FALSE
0,179	0,269	0,004	0,009	0,205	FALSE
-0,170	0,273	-0,006	0,014	0,184	FALSE
0,013	0,292	-0,001	0,012	0,037	FALSE
0,015	0,284	-0,001	0,012	0,028	FALSE

-0,104	0,296	-0,004	0,014	0,096	FALSE
-0,108	0,297	-0,003	0,014	0,086	FALSE
-0,142	0,281	-0,003	0,009	0,137	FALSE
-0,051	0,296	-0,001	0,014	0,040	FALSE
-0,061	0,293	-0,001	0,011	0,050	FALSE
0,025	0,288	0,002	0,011	0,066	FALSE
-0,057	0,287	-0,003	0,012	0,083	FALSE
-0,016	0,279	-0,002	0,012	0,059	FALSE
0,000	0,270	-0,002	0,014	0,040	FALSE
0,133	0,289	0,003	0,009	0,138	FALSE
0,025	0,280	-0,001	0,012	0,021	FALSE
-0,003	0,274	0,000	0,015	0,001	FALSE
0,061	0,278	0,004	0,015	0,093	FALSE
-0,217	0,284	-0,007	0,013	0,236	FALSE
-0,021	0,293	-0,001	0,008	0,040	FALSE
-0,023	0,281	0,000	0,009	0,016	FALSE
-0,105	0,282	-0,004	0,010	0,132	FALSE
-0,033	0,280	-0,001	0,007	0,037	FALSE
-0,033	0,303	-0,002	0,014	0,045	FALSE
-0,028	0,303	-0,001	0,014	0,026	FALSE
0,152	0,294	0,005	0,011	0,188	FALSE
0,027	0,280	0,002	0,013	0,059	FALSE
-0,015	0,276	0,000	0,007	0,001	FALSE
-0,073	0,282	-0,002	0,014	0,058	FALSE
-0,037	0,300	-0,002	0,015	0,051	FALSE
0,024	0,296	0,000	0,008	0,009	FALSE
-0,086	0,284	-0,003	0,011	0,103	FALSE
0,071	0,269	0,005	0,014	0,141	FALSE
0,150	0,284	0,003	0,008	0,176	FALSE
0,077	0,288	0,003	0,008	0,125	FALSE
-0,104	0,288	-0,003	0,010	0,131	FALSE
-0,068	0,282	-0,003	0,009	0,127	FALSE
-0,130	0,288	-0,004	0,011	0,149	FALSE
-0,078	0,299	-0,002	0,012	0,070	FALSE
-0,133	0,290	-0,005	0,011	0,171	FALSE
-0,089	0,284	-0,002	0,010	0,092	FALSE
0,020	0,291	-0,001	0,012	0,019	FALSE
0,022	0,279	0,001	0,008	0,055	FALSE
0,094	0,278	0,003	0,008	0,156	FALSE
-0,138	0,284	-0,008	0,014	0,243	FALSE
-0,138	0,276	-0,007	0,014	0,219	FALSE
-0,111	0,277	-0,006	0,013	0,178	FALSE
-0,005	0,283	0,000	0,009	0,013	FALSE
-0,064	0,283	-0,002	0,012	0,054	FALSE
-0,035	0,286	-0,001	0,011	0,020	FALSE
0,013	0,294	0,001	0,011	0,034	FALSE
-0,088	0,283	-0,001	0,007	0,053	FALSE
-0,072	0,280	-0,003	0,008	0,118	FALSE
0,006	0,286	0,001	0,015	0,025	FALSE
-0,052	0,287	-0,002	0,008	0,099	FALSE
0,022	0,291	-0,001	0,011	0,039	FALSE
0,035	0,285	-0,001	0,008	0,033	FALSE
-0,146	0,292	-0,005	0,011	0,203	FALSE

0,101	0,288	0,003	0,009	0,134	FALSE
0,035	0,281	0,002	0,013	0,052	FALSE
0,045	0,300	0,002	0,014	0,048	FALSE
0,025	0,286	0,003	0,012	0,106	FALSE
0,030	0,287	0,001	0,009	0,042	FALSE
0,014	0,279	0,001	0,014	0,031	FALSE
-0,079	0,285	-0,004	0,014	0,112	FALSE
0,021	0,271	0,002	0,013	0,049	FALSE
0,133	0,285	0,005	0,009	0,224	FALSE
-0,083	0,293	-0,003	0,014	0,097	FALSE
0,074	0,281	0,003	0,010	0,111	FALSE
0,080	0,281	0,002	0,009	0,109	FALSE
0,153	0,292	0,004	0,008	0,177	FALSE
0,109	0,285	0,004	0,009	0,179	FALSE
0,072	0,285	0,003	0,011	0,116	FALSE
0,072	0,282	0,001	0,009	0,038	FALSE
0,157	0,280	0,009	0,014	0,294	FALSE
0,142	0,278	0,008	0,014	0,253	FALSE
-0,164	0,281	-0,004	0,008	0,205	FALSE
0,140	0,272	0,002	0,009	0,101	FALSE
0,122	0,277	0,002	0,009	0,075	FALSE
-0,145	0,290	-0,004	0,009	0,219	FALSE
0,114	0,288	0,004	0,015	0,091	FALSE
0,053	0,280	0,002	0,009	0,102	FALSE
-0,113	0,280	-0,005	0,010	0,191	FALSE
0,043	0,279	0,002	0,008	0,117	FALSE
0,142	0,272	0,006	0,012	0,193	FALSE
0,175	0,267	0,006	0,012	0,192	FALSE
0,188	0,281	0,006	0,013	0,197	FALSE
0,066	0,294	0,002	0,012	0,071	FALSE
-0,050	0,272	-0,002	0,014	0,042	FALSE
-0,006	0,291	0,000	0,008	0,001	FALSE
0,097	0,288	0,003	0,012	0,093	FALSE
-0,046	0,292	0,000	0,012	0,010	FALSE
-0,185	0,276	-0,008	0,012	0,298	FALSE
0,169	0,295	0,004	0,009	0,173	FALSE
0,057	0,281	0,005	0,014	0,126	FALSE
-0,004	0,285	0,000	0,009	0,010	FALSE
0,101	0,280	0,006	0,012	0,200	FALSE
-0,119	0,285	-0,005	0,011	0,181	FALSE
-0,030	0,289	-0,001	0,009	0,056	FALSE
0,003	0,279	-0,001	0,009	0,023	FALSE
-0,080	0,280	-0,002	0,011	0,052	FALSE
0,087	0,280	0,005	0,010	0,212	FALSE
-0,165	0,288	-0,006	0,014	0,165	FALSE
0,021	0,283	-0,002	0,015	0,041	FALSE
0,064	0,279	0,000	0,015	0,003	FALSE
0,062	0,291	0,003	0,010	0,136	FALSE
-0,012	0,292	0,002	0,011	0,057	FALSE
-0,025	0,291	-0,001	0,008	0,044	FALSE
0,068	0,297	0,001	0,008	0,051	FALSE
0,079	0,285	0,002	0,007	0,078	FALSE
-0,059	0,286	-0,003	0,009	0,126	FALSE

-0,125	0,278	-0,003	0,008	0,191	FALSE
-0,076	0,272	-0,003	0,008	0,144	FALSE
0,066	0,274	0,002	0,013	0,059	FALSE
0,031	0,281	0,000	0,008	0,006	FALSE
-0,086	0,285	-0,003	0,010	0,121	FALSE
0,092	0,286	0,003	0,008	0,116	FALSE
-0,112	0,284	-0,005	0,011	0,207	FALSE
0,168	0,267	0,007	0,012	0,233	FALSE
-0,162	0,270	-0,004	0,008	0,191	FALSE
0,225	0,272	0,006	0,011	0,245	FALSE
-0,022	0,287	0,000	0,014	0,008	FALSE
0,030	0,287	0,000	0,013	0,007	FALSE
0,061	0,282	0,001	0,009	0,041	FALSE
0,097	0,288	0,002	0,011	0,068	FALSE
-0,101	0,284	-0,003	0,013	0,104	FALSE
0,043	0,291	0,000	0,013	0,005	FALSE
-0,105	0,285	-0,003	0,009	0,136	FALSE
0,001	0,284	0,001	0,007	0,031	FALSE
-0,076	0,280	-0,003	0,008	0,142	FALSE
0,035	0,275	0,002	0,011	0,058	FALSE
0,049	0,272	0,003	0,012	0,088	FALSE
-0,082	0,289	-0,002	0,010	0,070	FALSE
0,037	0,284	0,000	0,010	0,003	FALSE
-0,093	0,281	-0,004	0,015	0,106	FALSE
-0,040	0,283	-0,002	0,012	0,051	FALSE
0,148	0,280	0,004	0,014	0,118	FALSE
0,009	0,279	-0,001	0,013	0,015	FALSE
-0,030	0,283	0,000	0,010	0,010	FALSE
-0,058	0,282	0,001	0,013	0,025	FALSE
0,132	0,293	0,002	0,008	0,102	FALSE
-0,072	0,279	-0,002	0,009	0,074	FALSE
0,009	0,281	0,001	0,014	0,033	FALSE
-0,078	0,280	-0,001	0,007	0,048	FALSE
-0,076	0,289	-0,001	0,008	0,054	FALSE
-0,082	0,287	-0,003	0,009	0,119	FALSE
-0,005	0,274	0,001	0,010	0,034	FALSE
0,125	0,279	0,003	0,013	0,076	FALSE
-0,038	0,277	0,000	0,014	0,009	FALSE
0,009	0,309	0,002	0,009	0,064	FALSE
0,018	0,290	0,001	0,012	0,030	FALSE
0,006	0,278	0,001	0,010	0,026	FALSE
0,048	0,293	0,004	0,015	0,102	FALSE
-0,115	0,283	-0,001	0,008	0,061	FALSE
0,009	0,277	0,000	0,008	0,010	FALSE
0,189	0,277	0,009	0,015	0,283	FALSE
0,042	0,289	0,005	0,011	0,173	FALSE
0,047	0,283	0,001	0,015	0,019	FALSE
0,047	0,277	0,002	0,014	0,042	FALSE
0,137	0,278	0,005	0,010	0,201	FALSE
-0,110	0,295	-0,003	0,009	0,121	FALSE
0,127	0,280	0,004	0,009	0,177	FALSE
0,096	0,305	0,002	0,011	0,063	FALSE
0,155	0,280	0,003	0,011	0,096	FALSE

-0,107	0,289	-0,002	0,008	0,110	FALSE
0,069	0,288	0,002	0,008	0,094	FALSE
-0,130	0,290	-0,003	0,008	0,124	FALSE
0,144	0,294	0,005	0,010	0,200	FALSE
0,030	0,278	0,001	0,013	0,037	FALSE
0,107	0,292	0,002	0,009	0,094	FALSE
-0,108	0,279	-0,004	0,014	0,115	FALSE
0,042	0,289	0,003	0,012	0,090	FALSE
0,066	0,298	0,004	0,013	0,121	FALSE
0,054	0,285	0,001	0,015	0,020	FALSE
-0,056	0,276	0,000	0,008	0,019	FALSE
-0,011	0,298	-0,002	0,015	0,056	FALSE
0,087	0,274	0,008	0,015	0,219	FALSE
0,033	0,295	0,001	0,010	0,052	FALSE
-0,075	0,284	0,000	0,010	0,010	FALSE
-0,048	0,288	0,001	0,014	0,030	FALSE
0,223	0,283	0,009	0,015	0,239	FALSE
0,125	0,290	0,002	0,011	0,062	FALSE
0,267	0,259	0,007	0,012	0,269	FALSE
-0,075	0,291	-0,001	0,008	0,031	FALSE
0,111	0,291	0,005	0,012	0,156	FALSE
-0,065	0,286	-0,003	0,009	0,132	FALSE
0,011	0,287	-0,001	0,011	0,020	FALSE
0,075	0,296	0,002	0,009	0,099	FALSE
-0,177	0,286	-0,007	0,014	0,213	FALSE
0,093	0,293	0,002	0,009	0,068	FALSE
0,029	0,285	0,001	0,009	0,035	FALSE
0,136	0,286	0,003	0,008	0,128	FALSE
-0,057	0,283	-0,005	0,015	0,127	FALSE
-0,026	0,296	-0,001	0,008	0,055	FALSE
0,091	0,273	0,005	0,012	0,157	FALSE
-0,139	0,284	-0,004	0,014	0,106	FALSE
-0,063	0,299	-0,004	0,011	0,125	FALSE
0,098	0,285	0,006	0,014	0,171	FALSE
-0,091	0,298	-0,007	0,015	0,189	FALSE
0,088	0,287	0,006	0,014	0,176	FALSE
-0,083	0,295	-0,005	0,014	0,138	FALSE
-0,083	0,290	-0,005	0,014	0,129	FALSE
0,073	0,290	0,002	0,008	0,074	FALSE
-0,124	0,287	-0,007	0,014	0,197	FALSE
-0,018	0,295	0,001	0,010	0,024	FALSE
0,023	0,276	-0,001	0,009	0,034	FALSE
-0,048	0,284	-0,002	0,007	0,083	FALSE
0,026	0,284	-0,001	0,014	0,013	FALSE
0,121	0,278	0,005	0,010	0,195	FALSE
0,099	0,290	0,003	0,014	0,085	FALSE
0,130	0,287	0,005	0,014	0,135	FALSE
-0,113	0,291	-0,002	0,010	0,067	FALSE
0,101	0,280	0,003	0,013	0,090	FALSE
0,109	0,296	0,004	0,013	0,107	FALSE
0,068	0,291	0,003	0,008	0,150	FALSE
-0,009	0,290	-0,001	0,008	0,049	FALSE
-0,033	0,295	-0,001	0,013	0,025	FALSE

-0,205	0,290	-0,005	0,008	0,279	FALSE
0,061	0,290	0,001	0,008	0,035	FALSE
-0,141	0,278	-0,004	0,010	0,171	FALSE
0,108	0,285	0,003	0,010	0,141	FALSE
0,053	0,288	0,002	0,015	0,051	FALSE
-0,058	0,291	-0,003	0,009	0,124	FALSE
0,014	0,303	0,001	0,008	0,034	FALSE
0,056	0,284	0,002	0,007	0,081	FALSE
0,064	0,294	0,002	0,014	0,061	FALSE
0,088	0,299	0,004	0,014	0,116	FALSE
0,104	0,291	0,006	0,013	0,173	FALSE
0,129	0,284	0,005	0,013	0,173	FALSE
0,102	0,285	0,004	0,013	0,130	FALSE
-0,010	0,294	-0,001	0,012	0,045	FALSE
-0,117	0,296	-0,005	0,014	0,150	FALSE
-0,053	0,297	-0,004	0,014	0,109	FALSE
-0,011	0,294	-0,002	0,013	0,050	FALSE
-0,002	0,275	-0,002	0,012	0,067	FALSE
-0,093	0,277	-0,002	0,011	0,050	FALSE
-0,077	0,297	-0,003	0,008	0,147	FALSE
-0,117	0,285	-0,002	0,009	0,070	FALSE
0,028	0,284	-0,002	0,008	0,072	FALSE
0,007	0,305	-0,002	0,012	0,054	FALSE
-0,077	0,297	-0,001	0,015	0,032	FALSE
0,076	0,281	0,001	0,010	0,044	FALSE
-0,053	0,273	-0,005	0,014	0,149	FALSE
0,159	0,292	0,004	0,008	0,227	FALSE
0,114	0,278	0,003	0,015	0,067	FALSE
0,062	0,286	0,001	0,013	0,042	FALSE
0,107	0,280	0,005	0,014	0,129	FALSE
-0,038	0,286	-0,001	0,008	0,044	FALSE
0,019	0,297	0,001	0,009	0,032	FALSE
-0,051	0,282	0,000	0,007	0,020	FALSE
0,107	0,303	0,005	0,014	0,137	FALSE
0,158	0,275	0,004	0,007	0,240	FALSE
0,013	0,284	-0,002	0,014	0,050	FALSE
0,051	0,267	0,005	0,014	0,124	FALSE
0,084	0,274	0,000	0,008	0,003	FALSE
-0,071	0,286	-0,002	0,013	0,045	FALSE
-0,008	0,300	0,001	0,008	0,034	FALSE
0,150	0,271	0,004	0,013	0,103	FALSE
-0,033	0,282	-0,002	0,008	0,076	FALSE
-0,100	0,290	-0,003	0,008	0,166	FALSE
0,165	0,296	0,004	0,011	0,146	FALSE
0,020	0,283	0,000	0,011	0,014	FALSE
0,153	0,272	0,002	0,008	0,100	FALSE
0,123	0,278	0,002	0,011	0,065	FALSE
-0,114	0,277	-0,002	0,011	0,053	FALSE
-0,172	0,266	-0,009	0,013	0,289	FALSE
0,094	0,280	0,003	0,008	0,144	FALSE
-0,105	0,279	-0,004	0,010	0,165	FALSE
-0,027	0,275	-0,002	0,008	0,071	FALSE
0,035	0,300	0,003	0,015	0,066	FALSE

0,074	0,290	0,004	0,012	0,143	FALSE
-0,147	0,274	-0,007	0,012	0,244	FALSE
0,019	0,281	0,004	0,014	0,098	FALSE
-0,025	0,281	0,000	0,015	0,002	FALSE
-0,026	0,294	-0,002	0,010	0,081	FALSE
0,074	0,286	0,001	0,015	0,031	FALSE
0,021	0,294	0,000	0,015	0,007	FALSE
-0,006	0,291	-0,002	0,015	0,050	FALSE
0,106	0,280	0,003	0,009	0,142	FALSE
0,035	0,290	0,003	0,015	0,074	FALSE
-0,022	0,285	0,001	0,011	0,020	FALSE
-0,039	0,283	0,000	0,011	0,003	FALSE
0,059	0,294	0,002	0,008	0,087	FALSE
0,036	0,284	0,003	0,013	0,072	FALSE
0,036	0,277	0,001	0,014	0,025	FALSE
-0,020	0,294	-0,001	0,011	0,037	FALSE
0,004	0,282	-0,001	0,014	0,029	FALSE
-0,019	0,275	-0,001	0,014	0,038	FALSE
0,154	0,280	0,005	0,014	0,151	FALSE
0,007	0,284	0,000	0,010	0,012	FALSE
-0,089	0,283	-0,003	0,008	0,154	FALSE
-0,083	0,284	-0,002	0,008	0,108	FALSE
-0,012	0,275	-0,001	0,014	0,029	FALSE
-0,108	0,290	-0,004	0,010	0,184	FALSE
-0,086	0,296	-0,002	0,008	0,116	FALSE
0,075	0,275	0,008	0,014	0,231	FALSE
0,048	0,287	0,003	0,010	0,122	FALSE
0,027	0,283	0,000	0,013	0,011	FALSE
0,108	0,274	0,002	0,011	0,068	FALSE
0,034	0,288	0,001	0,010	0,028	FALSE
-0,184	0,281	-0,006	0,011	0,237	FALSE
0,043	0,290	0,000	0,015	0,001	FALSE
-0,018	0,290	0,001	0,015	0,015	FALSE
-0,043	0,271	-0,001	0,009	0,042	FALSE
0,151	0,302	0,004	0,013	0,135	FALSE
0,116	0,272	0,003	0,009	0,136	FALSE
0,003	0,289	-0,001	0,009	0,027	FALSE
-0,097	0,277	-0,001	0,008	0,065	FALSE
-0,017	0,294	0,001	0,013	0,029	FALSE
-0,025	0,279	0,000	0,012	0,002	FALSE
-0,139	0,279	-0,005	0,010	0,222	FALSE
-0,173	0,285	-0,004	0,008	0,184	FALSE
-0,100	0,276	-0,004	0,011	0,153	FALSE
-0,041	0,297	-0,003	0,013	0,073	FALSE
-0,047	0,283	-0,001	0,013	0,017	FALSE
-0,083	0,285	-0,001	0,007	0,056	FALSE
0,053	0,294	0,001	0,011	0,037	FALSE
0,126	0,285	0,004	0,010	0,153	FALSE
-0,076	0,285	-0,001	0,008	0,066	FALSE
-0,105	0,286	-0,002	0,009	0,064	FALSE
0,044	0,294	0,004	0,012	0,116	FALSE
-0,084	0,278	-0,006	0,015	0,167	FALSE
-0,024	0,298	-0,001	0,009	0,046	FALSE

0,021	0,296	0,001	0,008	0,026	FALSE
-0,069	0,273	0,000	0,008	0,013	FALSE
0,295	0,274	0,010	0,013	0,388	FALSE
0,179	0,287	0,005	0,008	0,269	FALSE
-0,070	0,301	-0,002	0,009	0,069	FALSE
-0,068	0,279	-0,001	0,007	0,054	FALSE
-0,085	0,286	-0,001	0,008	0,067	FALSE
0,147	0,282	0,003	0,008	0,148	FALSE
0,082	0,282	0,003	0,011	0,117	FALSE
-0,037	0,291	-0,002	0,008	0,072	FALSE
0,077	0,287	0,002	0,009	0,079	FALSE
-0,063	0,290	-0,001	0,010	0,026	FALSE
0,131	0,269	0,007	0,013	0,214	FALSE
0,138	0,290	0,003	0,008	0,155	FALSE
0,001	0,266	-0,001	0,014	0,017	FALSE
-0,007	0,282	-0,001	0,012	0,036	FALSE
0,100	0,299	0,004	0,012	0,134	FALSE
0,103	0,284	0,005	0,013	0,149	FALSE
-0,313	0,259	-0,012	0,011	0,533	FALSE
-0,054	0,289	-0,003	0,010	0,107	FALSE
-0,130	0,277	-0,003	0,009	0,134	FALSE
-0,137	0,295	-0,004	0,009	0,157	FALSE
0,058	0,276	0,002	0,015	0,054	FALSE
-0,076	0,292	-0,001	0,009	0,051	FALSE
-0,048	0,295	0,000	0,010	0,005	FALSE
-0,071	0,289	-0,001	0,010	0,025	FALSE
0,030	0,287	0,000	0,009	0,012	FALSE
0,030	0,279	0,001	0,013	0,022	FALSE
0,010	0,284	0,000	0,009	0,011	FALSE
-0,179	0,264	-0,004	0,008	0,216	FALSE
0,161	0,281	0,003	0,008	0,183	FALSE
-0,026	0,279	0,000	0,012	0,013	FALSE
0,109	0,286	0,003	0,010	0,100	FALSE
-0,084	0,280	-0,001	0,010	0,051	FALSE
-0,064	0,271	0,003	0,014	0,066	FALSE
0,088	0,282	0,002	0,012	0,063	FALSE
-0,001	0,292	-0,001	0,014	0,028	FALSE
0,073	0,300	0,004	0,015	0,095	FALSE
-0,190	0,294	-0,004	0,008	0,210	FALSE
-0,184	0,275	-0,004	0,008	0,200	FALSE
-0,163	0,290	-0,004	0,009	0,152	FALSE
-0,168	0,291	-0,004	0,010	0,161	FALSE
0,070	0,290	0,003	0,010	0,109	FALSE
0,131	0,281	0,005	0,014	0,128	FALSE
0,126	0,282	0,005	0,014	0,132	FALSE
-0,105	0,281	-0,003	0,011	0,121	FALSE
0,072	0,287	0,003	0,010	0,100	FALSE
-0,086	0,289	-0,004	0,011	0,165	FALSE
0,102	0,296	0,003	0,011	0,115	FALSE
-0,082	0,290	-0,002	0,010	0,062	FALSE
0,062	0,305	0,005	0,015	0,138	FALSE
-0,135	0,290	-0,006	0,015	0,180	FALSE
-0,202	0,273	-0,006	0,013	0,202	FALSE

0,034	0,294	0,002	0,009	0,096	FALSE
-0,024	0,286	-0,001	0,008	0,036	FALSE
0,071	0,279	0,001	0,011	0,042	FALSE
0,208	0,285	0,006	0,012	0,216	FALSE
-0,124	0,286	-0,006	0,012	0,184	FALSE
-0,021	0,292	0,000	0,008	0,008	FALSE
0,183	0,264	0,009	0,011	0,347	FALSE
0,042	0,278	0,000	0,008	0,013	FALSE
0,010	0,290	0,000	0,011	0,001	FALSE
-0,021	0,284	-0,001	0,010	0,024	FALSE
-0,032	0,285	-0,001	0,008	0,036	FALSE
-0,007	0,273	-0,002	0,008	0,101	FALSE
0,002	0,276	0,000	0,013	0,003	FALSE
0,068	0,308	0,002	0,007	0,125	FALSE
0,076	0,286	0,003	0,010	0,107	FALSE
-0,091	0,285	-0,003	0,014	0,080	FALSE
0,124	0,286	0,003	0,008	0,172	FALSE
0,214	0,274	0,005	0,009	0,234	FALSE
0,009	0,295	-0,001	0,009	0,028	FALSE
0,024	0,296	0,000	0,010	0,010	FALSE
-0,037	0,289	-0,004	0,014	0,118	FALSE
-0,089	0,277	-0,001	0,009	0,034	FALSE
-0,017	0,295	0,001	0,014	0,032	FALSE
-0,002	0,301	0,000	0,009	0,006	FALSE
0,027	0,279	-0,002	0,010	0,066	FALSE
-0,002	0,292	0,001	0,010	0,022	FALSE
0,001	0,295	0,000	0,011	0,011	FALSE
-0,095	0,267	-0,003	0,007	0,146	FALSE
0,057	0,284	0,001	0,010	0,049	FALSE
-0,010	0,295	0,000	0,008	0,009	FALSE
-0,023	0,287	-0,001	0,008	0,034	FALSE
-0,106	0,292	-0,003	0,008	0,173	FALSE
0,009	0,286	-0,001	0,008	0,044	FALSE
-0,023	0,295	-0,001	0,007	0,045	FALSE
0,025	0,294	0,000	0,008	0,002	FALSE
-0,095	0,287	-0,002	0,009	0,089	FALSE
-0,069	0,281	-0,001	0,009	0,057	FALSE
-0,130	0,272	-0,008	0,014	0,241	FALSE
-0,041	0,304	-0,001	0,010	0,020	FALSE
0,026	0,296	0,001	0,014	0,023	FALSE
0,014	0,285	-0,001	0,008	0,042	FALSE
-0,052	0,289	-0,002	0,007	0,093	FALSE
-0,045	0,283	-0,001	0,007	0,070	FALSE
-0,014	0,305	-0,001	0,011	0,023	FALSE
-0,007	0,282	0,003	0,013	0,087	FALSE
0,029	0,292	0,000	0,009	0,006	FALSE
-0,066	0,287	-0,002	0,009	0,084	FALSE
0,152	0,278	0,003	0,008	0,130	FALSE
-0,037	0,295	0,000	0,008	0,005	FALSE
-0,059	0,286	-0,001	0,012	0,015	FALSE
0,045	0,290	0,002	0,007	0,106	FALSE
-0,017	0,283	-0,001	0,011	0,040	FALSE
-0,045	0,289	-0,001	0,011	0,043	FALSE

-0,064	0,272	-0,003	0,009	0,117	FALSE
0,126	0,279	0,004	0,015	0,107	TRUE
0,050	0,281	0,001	0,008	0,028	FALSE
0,013	0,297	0,000	0,015	0,010	FALSE
0,037	0,295	0,000	0,015	0,002	FALSE
-0,029	0,291	-0,001	0,010	0,029	FALSE
0,045	0,290	0,002	0,009	0,078	FALSE
0,132	0,273	0,003	0,010	0,103	FALSE
0,023	0,286	0,001	0,008	0,046	FALSE
-0,127	0,282	-0,003	0,013	0,078	FALSE
-0,154	0,276	-0,005	0,009	0,252	FALSE
0,023	0,292	0,000	0,008	0,003	FALSE
-0,071	0,292	-0,001	0,010	0,042	FALSE
-0,014	0,299	0,001	0,010	0,029	FALSE
-0,028	0,304	-0,002	0,015	0,057	FALSE
0,098	0,287	0,003	0,007	0,155	FALSE
-0,046	0,289	-0,003	0,015	0,067	FALSE
-0,064	0,289	-0,002	0,010	0,066	FALSE
0,065	0,265	0,004	0,013	0,106	FALSE
0,135	0,273	0,006	0,014	0,169	FALSE
0,057	0,290	0,003	0,008	0,134	FALSE
-0,124	0,276	-0,005	0,010	0,198	FALSE
-0,085	0,310	-0,003	0,012	0,103	FALSE
-0,137	0,284	-0,005	0,009	0,204	FALSE
-0,067	0,284	-0,005	0,013	0,161	FALSE
0,041	0,282	0,000	0,011	0,009	FALSE
0,114	0,275	0,005	0,014	0,141	FALSE
-0,075	0,282	-0,004	0,014	0,102	FALSE
0,019	0,283	-0,001	0,014	0,024	FALSE
-0,146	0,288	-0,002	0,008	0,111	FALSE
-0,044	0,276	-0,001	0,012	0,023	FALSE
-0,013	0,288	0,000	0,009	0,018	FALSE
0,025	0,278	0,000	0,008	0,013	FALSE
0,149	0,279	0,005	0,009	0,245	FALSE
0,163	0,271	0,005	0,008	0,248	FALSE
-0,049	0,284	0,002	0,011	0,053	FALSE
0,064	0,283	0,004	0,010	0,143	FALSE
-0,187	0,293	-0,006	0,010	0,265	FALSE
0,083	0,276	0,002	0,008	0,109	FALSE
-0,002	0,299	-0,002	0,013	0,042	FALSE
-0,023	0,299	-0,002	0,013	0,046	FALSE
-0,018	0,286	-0,002	0,013	0,067	FALSE
0,007	0,295	0,000	0,015	0,005	FALSE
-0,015	0,299	-0,002	0,013	0,063	FALSE
-0,014	0,276	-0,002	0,012	0,072	FALSE
0,025	0,291	0,000	0,010	0,005	FALSE
0,147	0,296	0,004	0,008	0,174	FALSE
0,102	0,304	0,003	0,010	0,129	FALSE
-0,043	0,282	0,000	0,013	0,011	FALSE
-0,074	0,283	-0,002	0,012	0,064	FALSE
-0,076	0,296	-0,002	0,014	0,064	FALSE
-0,091	0,291	-0,002	0,012	0,064	FALSE
0,076	0,286	0,002	0,007	0,082	FALSE

-0,100	0,288	-0,002	0,007	0,134	FALSE
0,025	0,276	0,000	0,009	0,012	FALSE
0,134	0,285	0,004	0,008	0,236	FALSE
-0,049	0,275	-0,001	0,008	0,036	FALSE
-0,037	0,295	-0,001	0,009	0,033	FALSE
-0,051	0,287	-0,003	0,015	0,063	FALSE
-0,052	0,288	-0,002	0,015	0,040	FALSE
0,006	0,290	0,001	0,010	0,037	FALSE
0,128	0,288	0,002	0,008	0,125	FALSE
0,138	0,268	0,006	0,015	0,163	FALSE
0,084	0,273	0,003	0,015	0,068	FALSE
0,173	0,282	0,006	0,011	0,262	FALSE
0,163	0,276	0,006	0,010	0,246	FALSE
0,127	0,269	0,003	0,009	0,142	FALSE
-0,024	0,284	0,000	0,009	0,003	FALSE
0,109	0,264	0,004	0,013	0,120	FALSE
-0,107	0,272	-0,002	0,010	0,063	FALSE
0,084	0,266	0,003	0,013	0,073	FALSE
-0,031	0,279	-0,004	0,014	0,098	FALSE
0,025	0,291	0,002	0,011	0,067	FALSE
-0,053	0,284	0,000	0,012	0,005	FALSE
0,108	0,273	0,002	0,007	0,114	FALSE
-0,016	0,281	0,002	0,009	0,070	FALSE
0,128	0,268	0,003	0,009	0,124	FALSE
-0,023	0,302	-0,002	0,009	0,087	FALSE
0,010	0,283	0,002	0,007	0,087	FALSE
-0,050	0,274	-0,001	0,007	0,058	FALSE
-0,044	0,295	-0,001	0,015	0,021	FALSE
-0,031	0,292	0,000	0,013	0,012	FALSE
0,132	0,288	0,004	0,009	0,198	FALSE
-0,062	0,281	-0,005	0,014	0,129	FALSE
0,040	0,297	0,002	0,011	0,070	FALSE
0,007	0,270	0,004	0,014	0,099	FALSE
-0,009	0,273	-0,003	0,014	0,069	FALSE
0,043	0,271	0,001	0,011	0,025	FALSE
-0,061	0,287	-0,002	0,008	0,081	FALSE
0,012	0,290	0,001	0,009	0,049	FALSE
-0,049	0,283	-0,001	0,011	0,042	FALSE
0,054	0,287	0,001	0,014	0,018	FALSE
-0,034	0,298	-0,001	0,013	0,028	FALSE
0,010	0,283	0,000	0,010	0,009	FALSE
-0,023	0,290	-0,001	0,015	0,018	FALSE
-0,020	0,288	-0,001	0,015	0,036	FALSE
0,046	0,290	0,001	0,008	0,025	FALSE
0,009	0,293	0,000	0,010	0,010	FALSE
-0,052	0,292	-0,003	0,014	0,070	FALSE
0,013	0,278	0,001	0,008	0,064	FALSE
0,032	0,288	0,000	0,013	0,001	FALSE
0,024	0,285	0,001	0,007	0,048	FALSE
-0,164	0,279	-0,003	0,008	0,150	FALSE
0,189	0,291	0,007	0,009	0,332	FALSE
0,180	0,277	0,008	0,012	0,300	FALSE
-0,005	0,315	0,001	0,009	0,028	FALSE

0,028	0,296	0,001	0,008	0,055	FALSE
-0,130	0,277	-0,004	0,008	0,181	FALSE
0,122	0,296	0,002	0,009	0,091	FALSE
0,025	0,284	0,002	0,012	0,071	FALSE
-0,013	0,286	-0,001	0,012	0,040	FALSE
-0,050	0,281	-0,002	0,012	0,054	FALSE
0,011	0,291	-0,001	0,013	0,025	FALSE
-0,041	0,287	-0,002	0,012	0,046	FALSE
0,096	0,274	0,002	0,008	0,086	FALSE
0,038	0,274	0,005	0,015	0,139	FALSE
0,015	0,287	0,003	0,014	0,080	FALSE
0,048	0,278	0,004	0,014	0,104	FALSE
-0,024	0,290	0,000	0,014	0,005	FALSE
-0,051	0,298	0,000	0,010	0,016	FALSE
0,103	0,274	0,002	0,008	0,102	FALSE
0,136	0,296	0,004	0,007	0,238	FALSE
0,062	0,273	0,001	0,007	0,030	FALSE
0,160	0,283	0,003	0,008	0,157	FALSE
0,107	0,280	0,001	0,014	0,031	FALSE
-0,115	0,283	-0,003	0,007	0,137	FALSE
0,005	0,286	0,005	0,014	0,131	FALSE
0,052	0,290	0,002	0,010	0,082	FALSE
-0,116	0,289	-0,006	0,013	0,171	FALSE
0,127	0,272	0,006	0,011	0,215	FALSE
-0,121	0,290	-0,006	0,014	0,190	FALSE
0,107	0,276	0,004	0,011	0,144	FALSE
-0,103	0,276	-0,004	0,010	0,157	FALSE
0,017	0,292	0,001	0,008	0,030	FALSE
0,054	0,291	0,001	0,015	0,022	FALSE
-0,065	0,282	0,000	0,014	0,006	FALSE
-0,029	0,288	-0,002	0,008	0,124	FALSE
0,091	0,278	0,003	0,013	0,077	FALSE
0,074	0,279	0,002	0,012	0,066	FALSE
-0,043	0,286	-0,002	0,008	0,103	FALSE
-0,091	0,281	-0,002	0,008	0,066	FALSE
0,040	0,276	0,003	0,014	0,065	FALSE
-0,035	0,295	0,000	0,008	0,015	FALSE
-0,017	0,300	0,001	0,008	0,046	FALSE
-0,105	0,299	-0,006	0,013	0,208	FALSE
-0,148	0,287	-0,008	0,013	0,300	FALSE
-0,128	0,288	-0,004	0,011	0,129	FALSE
-0,120	0,289	-0,003	0,011	0,117	FALSE
0,024	0,291	0,002	0,013	0,044	FALSE
0,073	0,275	0,004	0,011	0,146	FALSE
0,068	0,291	0,004	0,010	0,148	FALSE
-0,129	0,274	-0,003	0,015	0,086	FALSE
-0,022	0,280	-0,001	0,009	0,029	FALSE
-0,198	0,269	-0,006	0,009	0,315	FALSE
0,060	0,285	0,001	0,015	0,031	FALSE
0,082	0,289	0,003	0,012	0,082	FALSE
-0,114	0,286	-0,002	0,010	0,092	FALSE
-0,012	0,298	0,000	0,010	0,007	FALSE
-0,008	0,286	0,000	0,009	0,004	FALSE

0,101	0,285	0,005	0,012	0,162	FALSE
-0,144	0,278	-0,004	0,014	0,122	FALSE
-0,035	0,284	0,001	0,013	0,020	FALSE
-0,055	0,282	-0,001	0,012	0,024	FALSE
-0,043	0,289	0,001	0,007	0,027	FALSE
-0,089	0,293	-0,005	0,013	0,142	FALSE
0,070	0,285	0,002	0,012	0,057	FALSE
0,040	0,278	-0,001	0,010	0,020	FALSE
0,100	0,290	0,001	0,008	0,062	FALSE
-0,059	0,288	-0,001	0,010	0,041	FALSE
0,036	0,283	0,003	0,013	0,073	FALSE
-0,076	0,294	-0,004	0,010	0,171	FALSE
0,033	0,274	0,002	0,009	0,073	FALSE
-0,021	0,287	-0,001	0,015	0,021	FALSE
-0,117	0,286	-0,003	0,009	0,122	FALSE
0,035	0,284	0,001	0,007	0,070	FALSE
-0,093	0,291	-0,003	0,008	0,172	FALSE
-0,009	0,294	0,000	0,009	0,001	FALSE
0,028	0,282	0,000	0,008	0,004	FALSE
-0,015	0,287	-0,002	0,014	0,039	FALSE
0,016	0,278	-0,001	0,010	0,031	FALSE
0,050	0,270	0,006	0,014	0,161	FALSE
-0,175	0,293	-0,004	0,008	0,182	FALSE
-0,003	0,285	-0,001	0,011	0,020	FALSE
-0,130	0,284	-0,006	0,014	0,180	FALSE
0,083	0,294	0,004	0,010	0,157	FALSE
-0,050	0,294	-0,002	0,015	0,044	FALSE
-0,036	0,295	-0,001	0,015	0,014	FALSE
0,101	0,300	0,004	0,013	0,123	FALSE
0,118	0,286	0,006	0,013	0,178	FALSE
-0,260	0,274	-0,009	0,011	0,387	FALSE
0,005	0,275	-0,002	0,012	0,051	FALSE
-0,067	0,291	-0,002	0,008	0,092	FALSE
-0,002	0,295	0,000	0,009	0,005	FALSE
0,025	0,295	0,002	0,011	0,055	FALSE
0,076	0,278	0,003	0,014	0,087	FALSE
-0,096	0,275	-0,003	0,011	0,111	FALSE
0,002	0,283	0,003	0,015	0,083	FALSE
0,059	0,285	0,001	0,009	0,042	FALSE
0,096	0,288	0,005	0,013	0,154	FALSE
-0,059	0,274	-0,005	0,012	0,190	FALSE
0,062	0,292	0,003	0,012	0,088	FALSE
0,024	0,290	0,003	0,015	0,089	FALSE
0,017	0,295	0,000	0,009	0,001	FALSE
0,034	0,287	0,002	0,010	0,099	FALSE
0,079	0,294	0,005	0,013	0,166	FALSE
-0,103	0,282	-0,005	0,011	0,176	FALSE
0,023	0,281	0,001	0,014	0,023	FALSE
0,112	0,285	0,003	0,007	0,196	FALSE
-0,256	0,255	-0,011	0,013	0,394	FALSE
-0,056	0,284	-0,003	0,013	0,086	FALSE
0,128	0,294	0,007	0,013	0,217	FALSE
-0,088	0,290	-0,003	0,009	0,113	FALSE

0,054	0,289	0,003	0,007	0,158	FALSE
0,031	0,288	0,002	0,008	0,079	FALSE
-0,216	0,277	-0,007	0,010	0,304	FALSE
-0,199	0,263	-0,006	0,010	0,291	FALSE
-0,035	0,294	-0,001	0,008	0,060	FALSE
0,074	0,281	0,001	0,008	0,058	FALSE
0,070	0,284	0,002	0,010	0,097	FALSE
0,116	0,287	0,003	0,014	0,076	FALSE
-0,050	0,290	-0,001	0,011	0,026	FALSE
0,046	0,299	0,002	0,012	0,057	FALSE
0,025	0,302	0,001	0,012	0,029	FALSE
-0,048	0,287	-0,002	0,011	0,050	FALSE
0,010	0,279	-0,001	0,007	0,056	FALSE
0,084	0,287	0,002	0,009	0,083	FALSE
0,003	0,269	-0,002	0,008	0,090	FALSE
-0,195	0,276	-0,004	0,007	0,261	FALSE
-0,023	0,295	0,001	0,007	0,030	FALSE
-0,070	0,304	-0,001	0,008	0,073	FALSE
0,010	0,289	0,001	0,015	0,015	FALSE
-0,049	0,287	0,000	0,007	0,001	FALSE
0,053	0,284	0,003	0,012	0,101	FALSE
-0,137	0,282	-0,003	0,008	0,171	FALSE
-0,025	0,284	-0,003	0,015	0,088	FALSE
-0,019	0,280	0,000	0,012	0,007	FALSE
-0,030	0,269	-0,002	0,011	0,083	FALSE
-0,207	0,278	-0,011	0,014	0,363	FALSE
-0,057	0,297	-0,001	0,014	0,035	FALSE
-0,104	0,287	-0,004	0,008	0,220	FALSE
-0,163	0,277	-0,008	0,013	0,281	FALSE
0,137	0,273	0,006	0,011	0,225	FALSE
0,016	0,290	0,000	0,008	0,009	FALSE
-0,089	0,287	-0,002	0,008	0,071	FALSE
-0,112	0,274	-0,006	0,014	0,194	FALSE
-0,111	0,290	-0,006	0,014	0,173	FALSE
0,065	0,298	0,002	0,011	0,073	FALSE
0,029	0,282	-0,001	0,011	0,042	FALSE
0,145	0,274	0,005	0,012	0,156	FALSE
0,044	0,295	0,001	0,010	0,034	FALSE
0,029	0,293	0,000	0,010	0,005	FALSE
0,048	0,293	0,001	0,010	0,038	FALSE
0,027	0,284	0,000	0,015	0,005	FALSE
0,143	0,289	0,005	0,014	0,141	FALSE
0,027	0,286	0,002	0,014	0,060	FALSE
-0,038	0,295	-0,001	0,015	0,015	FALSE
-0,046	0,291	0,000	0,015	0,012	FALSE
-0,031	0,292	-0,001	0,015	0,029	FALSE
-0,063	0,284	-0,002	0,014	0,061	FALSE
-0,030	0,285	-0,003	0,014	0,082	FALSE
-0,023	0,293	-0,001	0,007	0,058	FALSE
0,036	0,291	0,002	0,010	0,092	FALSE
-0,070	0,286	-0,002	0,013	0,049	FALSE
0,048	0,300	0,002	0,008	0,093	FALSE
0,049	0,292	0,001	0,012	0,037	FALSE

0,054	0,300	0,001	0,013	0,018	FALSE
0,060	0,289	0,002	0,009	0,066	FALSE
-0,179	0,281	-0,010	0,013	0,365	FALSE
-0,077	0,299	-0,004	0,015	0,095	FALSE
-0,002	0,283	0,000	0,014	0,002	FALSE
0,104	0,289	0,003	0,012	0,108	FALSE
0,010	0,288	0,000	0,015	0,006	FALSE
0,004	0,278	0,002	0,013	0,052	FALSE
0,033	0,277	0,003	0,013	0,100	FALSE
0,032	0,278	0,003	0,013	0,087	FALSE
0,038	0,285	0,003	0,013	0,098	FALSE
-0,076	0,266	-0,006	0,014	0,186	FALSE
0,074	0,277	0,001	0,009	0,050	FALSE
0,039	0,263	0,001	0,014	0,038	FALSE
-0,055	0,282	0,000	0,015	0,006	FALSE
0,141	0,276	0,004	0,010	0,171	FALSE
-0,133	0,263	-0,003	0,007	0,183	FALSE
-0,042	0,282	-0,001	0,014	0,023	FALSE
-0,099	0,276	0,000	0,008	0,018	FALSE
-0,166	0,260	-0,007	0,014	0,207	FALSE
0,028	0,274	0,000	0,010	0,010	FALSE
0,017	0,289	0,000	0,011	0,009	FALSE
0,034	0,275	0,001	0,010	0,026	FALSE
0,028	0,299	0,000	0,009	0,010	FALSE
-0,004	0,286	0,001	0,010	0,023	FALSE
-0,174	0,274	-0,007	0,013	0,221	FALSE
-0,102	0,279	-0,003	0,008	0,159	FALSE
-0,065	0,301	-0,001	0,009	0,034	FALSE
0,130	0,273	0,005	0,011	0,172	FALSE
-0,049	0,290	-0,001	0,008	0,023	FALSE
-0,068	0,264	-0,006	0,015	0,172	FALSE
0,053	0,280	0,002	0,008	0,073	FALSE
0,182	0,289	0,007	0,016	0,187	FALSE
-0,088	0,279	-0,002	0,008	0,118	FALSE
-0,156	0,292	-0,003	0,008	0,132	FALSE
-0,133	0,280	-0,005	0,011	0,162	FALSE
-0,203	0,300	-0,005	0,009	0,236	FALSE
0,034	0,294	0,000	0,014	0,009	FALSE
-0,102	0,286	-0,002	0,009	0,071	FALSE
0,004	0,281	0,000	0,015	0,011	FALSE
-0,203	0,278	-0,010	0,014	0,297	FALSE
0,128	0,295	0,006	0,011	0,220	FALSE
0,135	0,287	0,006	0,012	0,203	FALSE
-0,117	0,273	-0,004	0,010	0,165	FALSE
-0,059	0,290	-0,002	0,011	0,083	FALSE
-0,103	0,279	-0,003	0,009	0,134	FALSE
0,100	0,297	0,003	0,008	0,131	FALSE
-0,056	0,284	-0,001	0,011	0,036	FALSE
0,088	0,294	0,002	0,007	0,132	FALSE
-0,197	0,286	-0,009	0,012	0,350	FALSE
-0,180	0,276	-0,008	0,011	0,312	FALSE
-0,203	0,270	-0,009	0,011	0,371	FALSE
0,229	0,273	0,008	0,014	0,225	FALSE

-0,061	0,274	-0,001	0,007	0,067	FALSE
-0,071	0,287	-0,003	0,014	0,090	FALSE
-0,014	0,283	0,000	0,009	0,006	FALSE
0,030	0,298	0,002	0,009	0,069	FALSE
-0,225	0,281	-0,006	0,009	0,297	FALSE
0,027	0,298	0,000	0,008	0,020	FALSE
0,085	0,275	0,002	0,009	0,062	FALSE
0,017	0,276	-0,002	0,008	0,095	FALSE
-0,042	0,276	0,000	0,011	0,004	FALSE
-0,025	0,282	0,001	0,011	0,028	FALSE
0,064	0,298	0,001	0,008	0,056	FALSE
0,111	0,294	0,001	0,009	0,061	FALSE
0,028	0,297	0,003	0,013	0,104	FALSE
0,065	0,289	0,002	0,011	0,051	FALSE
0,027	0,294	0,001	0,009	0,036	FALSE
0,096	0,296	0,002	0,012	0,059	FALSE
0,056	0,296	0,001	0,009	0,032	FALSE
0,018	0,299	0,000	0,011	0,004	FALSE
0,051	0,289	0,001	0,008	0,042	FALSE
0,034	0,296	0,000	0,008	0,017	FALSE
0,047	0,282	0,000	0,008	0,015	FALSE
-0,018	0,289	0,000	0,013	0,003	FALSE
-0,119	0,277	-0,003	0,009	0,117	FALSE
-0,147	0,273	-0,002	0,008	0,102	FALSE
-0,172	0,285	-0,004	0,010	0,153	FALSE
0,128	0,297	0,003	0,009	0,110	FALSE
-0,064	0,277	-0,001	0,010	0,054	FALSE
0,055	0,283	0,002	0,014	0,042	FALSE
-0,084	0,276	-0,003	0,009	0,114	FALSE
0,114	0,290	0,006	0,015	0,158	FALSE
-0,121	0,276	-0,003	0,013	0,105	FALSE
-0,061	0,270	-0,001	0,007	0,071	FALSE
0,152	0,286	0,006	0,013	0,199	FALSE
0,021	0,282	0,001	0,008	0,029	FALSE
-0,074	0,278	-0,001	0,007	0,060	FALSE
-0,025	0,271	0,000	0,013	0,007	FALSE
-0,073	0,290	-0,001	0,008	0,042	FALSE
-0,073	0,297	-0,002	0,010	0,064	FALSE
-0,014	0,287	-0,001	0,014	0,038	FALSE
-0,071	0,291	-0,002	0,009	0,091	FALSE
-0,121	0,276	-0,004	0,014	0,104	FALSE
-0,068	0,295	-0,002	0,009	0,076	FALSE
-0,030	0,279	0,000	0,010	0,011	FALSE
0,072	0,299	0,001	0,012	0,041	FALSE
-0,029	0,283	-0,002	0,012	0,060	FALSE
0,045	0,286	0,003	0,013	0,085	FALSE
0,092	0,285	0,003	0,013	0,096	FALSE
0,098	0,289	0,005	0,012	0,184	FALSE
-0,160	0,271	-0,004	0,012	0,150	FALSE
-0,025	0,291	-0,001	0,009	0,049	FALSE
-0,056	0,298	-0,001	0,012	0,029	FALSE
-0,125	0,299	-0,005	0,012	0,171	FALSE
-0,082	0,282	-0,003	0,012	0,092	FALSE

0,106	0,266	0,002	0,014	0,060	FALSE
0,032	0,266	0,002	0,010	0,092	FALSE
0,045	0,288	0,002	0,013	0,061	FALSE
-0,177	0,293	-0,008	0,015	0,222	FALSE
0,013	0,289	0,001	0,013	0,029	FALSE
0,137	0,289	0,003	0,008	0,168	FALSE
0,095	0,273	0,002	0,008	0,093	FALSE
-0,099	0,289	-0,003	0,014	0,067	FALSE
-0,099	0,282	-0,002	0,008	0,113	FALSE
0,014	0,294	0,001	0,010	0,026	FALSE
0,028	0,280	0,001	0,010	0,038	FALSE
0,017	0,294	0,001	0,010	0,027	FALSE
-0,043	0,294	-0,002	0,013	0,064	FALSE
-0,093	0,289	-0,002	0,007	0,117	FALSE
-0,144	0,282	-0,005	0,015	0,135	FALSE
-0,159	0,276	-0,006	0,013	0,183	FALSE
-0,076	0,287	-0,002	0,009	0,076	FALSE
0,021	0,309	0,000	0,015	0,010	FALSE
0,150	0,278	0,003	0,007	0,161	FALSE
0,097	0,289	0,002	0,011	0,083	FALSE
-0,088	0,275	-0,005	0,011	0,197	FALSE
0,050	0,284	0,001	0,015	0,032	FALSE
-0,012	0,283	0,000	0,009	0,005	FALSE
-0,095	0,296	-0,004	0,014	0,106	FALSE
-0,114	0,282	-0,004	0,013	0,116	FALSE
-0,136	0,288	-0,004	0,009	0,185	FALSE
-0,101	0,285	-0,003	0,012	0,110	FALSE
0,013	0,292	0,001	0,011	0,016	FALSE
0,051	0,282	0,002	0,007	0,122	FALSE
0,076	0,300	0,003	0,009	0,148	FALSE
-0,183	0,272	-0,007	0,012	0,240	FALSE
-0,158	0,280	-0,006	0,012	0,207	FALSE
0,128	0,293	0,006	0,009	0,283	FALSE
-0,161	0,284	-0,005	0,013	0,175	FALSE
0,020	0,280	0,001	0,013	0,041	FALSE
0,089	0,291	0,004	0,009	0,151	FALSE
-0,094	0,277	-0,007	0,014	0,220	FALSE
-0,106	0,257	-0,006	0,012	0,213	FALSE
-0,111	0,279	-0,002	0,012	0,049	FALSE
-0,141	0,284	-0,003	0,008	0,145	FALSE
-0,077	0,288	0,000	0,014	0,000	FALSE
-0,146	0,279	-0,004	0,008	0,171	FALSE
0,133	0,283	0,006	0,009	0,292	FALSE
0,129	0,280	0,005	0,008	0,294	FALSE
0,159	0,293	0,006	0,009	0,330	FALSE
0,032	0,294	0,002	0,008	0,104	FALSE
0,014	0,279	0,001	0,009	0,030	FALSE
-0,259	0,289	-0,007	0,008	0,382	FALSE
-0,147	0,300	-0,006	0,015	0,165	FALSE
0,167	0,284	0,008	0,015	0,217	FALSE
0,184	0,292	0,007	0,011	0,285	FALSE
0,154	0,283	0,007	0,015	0,203	FALSE
0,148	0,284	0,007	0,015	0,187	FALSE

0,095	0,295	0,004	0,014	0,095	FALSE
-0,187	0,274	-0,008	0,012	0,292	FALSE
0,130	0,283	0,005	0,010	0,223	FALSE
0,070	0,307	0,003	0,012	0,103	FALSE
-0,047	0,282	-0,001	0,010	0,056	FALSE
-0,087	0,291	-0,001	0,007	0,052	FALSE
-0,131	0,278	-0,005	0,008	0,245	FALSE
-0,164	0,287	-0,005	0,009	0,268	FALSE
-0,147	0,282	-0,005	0,011	0,188	FALSE
-0,052	0,291	-0,002	0,009	0,083	FALSE
-0,184	0,291	-0,009	0,014	0,265	FALSE
0,069	0,285	0,003	0,010	0,099	FALSE
-0,058	0,301	-0,002	0,015	0,039	FALSE
-0,036	0,299	-0,002	0,009	0,069	FALSE
-0,051	0,280	-0,002	0,009	0,072	FALSE
-0,051	0,276	-0,004	0,014	0,119	FALSE
-0,175	0,288	-0,004	0,010	0,175	FALSE
-0,210	0,282	-0,005	0,009	0,235	FALSE
-0,169	0,270	-0,004	0,008	0,194	FALSE
-0,044	0,286	-0,001	0,010	0,020	FALSE
0,049	0,294	0,001	0,008	0,024	FALSE
-0,195	0,266	-0,004	0,007	0,265	FALSE
0,090	0,295	0,003	0,008	0,157	FALSE
-0,010	0,284	-0,002	0,015	0,044	FALSE
-0,017	0,287	-0,001	0,008	0,053	FALSE
-0,093	0,289	-0,002	0,011	0,081	FALSE
0,047	0,285	0,000	0,009	0,001	FALSE
-0,003	0,288	0,000	0,012	0,014	FALSE
-0,046	0,283	-0,003	0,012	0,081	FALSE
0,001	0,283	-0,001	0,012	0,027	FALSE
-0,043	0,295	0,000	0,008	0,016	FALSE
0,030	0,292	0,002	0,014	0,066	FALSE
0,028	0,277	0,002	0,013	0,061	FALSE
0,067	0,282	0,004	0,013	0,104	FALSE
0,007	0,300	0,001	0,014	0,025	FALSE
0,023	0,286	0,000	0,010	0,009	FALSE
0,070	0,293	0,003	0,013	0,098	FALSE
-0,019	0,306	-0,001	0,015	0,018	FALSE
-0,019	0,298	0,000	0,014	0,010	FALSE
0,060	0,290	0,003	0,013	0,071	FALSE
-0,005	0,299	0,000	0,014	0,011	FALSE
0,038	0,294	0,001	0,013	0,037	FALSE
0,023	0,291	0,001	0,013	0,019	FALSE
-0,054	0,292	-0,003	0,015	0,086	FALSE
0,054	0,292	0,000	0,010	0,006	FALSE
-0,059	0,275	-0,003	0,014	0,079	FALSE
0,060	0,293	0,003	0,014	0,080	FALSE
-0,053	0,288	-0,001	0,008	0,055	FALSE
-0,104	0,276	-0,003	0,012	0,091	FALSE
0,067	0,267	0,002	0,010	0,076	FALSE
-0,001	0,287	-0,001	0,012	0,015	FALSE
0,124	0,274	0,003	0,008	0,131	FALSE
0,119	0,283	0,002	0,007	0,098	FALSE

-0,123	0,284	-0,003	0,010	0,115	FALSE
-0,089	0,279	-0,005	0,014	0,140	TRUE
0,009	0,290	-0,001	0,009	0,021	FALSE
-0,051	0,294	-0,003	0,012	0,099	FALSE
-0,152	0,274	-0,004	0,011	0,158	FALSE
-0,020	0,293	0,001	0,007	0,034	FALSE
-0,065	0,294	0,000	0,008	0,010	FALSE
0,022	0,297	0,002	0,008	0,072	FALSE
-0,009	0,298	-0,001	0,015	0,023	FALSE
0,145	0,290	0,005	0,013	0,158	FALSE
0,020	0,283	-0,001	0,011	0,035	FALSE
-0,023	0,288	-0,003	0,011	0,091	FALSE
0,057	0,288	0,002	0,012	0,066	FALSE
-0,103	0,269	-0,003	0,010	0,118	FALSE
-0,094	0,282	-0,002	0,008	0,085	FALSE
-0,037	0,269	-0,001	0,007	0,061	FALSE
-0,101	0,283	-0,003	0,010	0,127	FALSE
-0,103	0,283	-0,002	0,008	0,114	FALSE
-0,094	0,292	-0,001	0,008	0,065	FALSE
0,081	0,295	0,004	0,012	0,126	FALSE
0,061	0,287	0,002	0,008	0,068	FALSE
-0,155	0,282	-0,004	0,011	0,150	FALSE
-0,043	0,280	-0,001	0,011	0,038	FALSE
0,044	0,283	0,002	0,010	0,059	FALSE
0,038	0,283	0,001	0,010	0,055	FALSE
0,048	0,268	0,002	0,009	0,083	FALSE
0,191	0,274	0,005	0,011	0,185	FALSE
-0,079	0,279	-0,004	0,014	0,108	FALSE
0,073	0,273	0,001	0,007	0,033	FALSE
-0,010	0,304	0,000	0,008	0,009	FALSE
-0,073	0,297	-0,002	0,009	0,108	FALSE
-0,072	0,292	-0,002	0,009	0,092	FALSE
-0,007	0,282	-0,002	0,014	0,054	FALSE
0,021	0,283	0,002	0,011	0,081	FALSE
-0,070	0,287	-0,002	0,013	0,050	FALSE
-0,012	0,291	-0,002	0,010	0,066	FALSE
0,073	0,274	0,002	0,009	0,084	FALSE
-0,068	0,277	-0,003	0,013	0,075	FALSE
0,083	0,290	0,002	0,012	0,060	FALSE
0,083	0,284	0,002	0,012	0,053	FALSE
0,082	0,272	0,001	0,011	0,042	FALSE
0,003	0,290	0,000	0,014	0,011	FALSE
-0,158	0,274	-0,006	0,009	0,270	FALSE
-0,003	0,289	-0,001	0,014	0,021	FALSE
-0,021	0,281	-0,002	0,014	0,042	FALSE
0,048	0,274	0,003	0,009	0,155	FALSE
0,078	0,277	0,004	0,013	0,126	FALSE
-0,028	0,284	0,000	0,015	0,005	FALSE
-0,010	0,276	-0,002	0,008	0,074	FALSE
-0,067	0,290	-0,002	0,008	0,096	FALSE
-0,095	0,283	-0,003	0,007	0,156	FALSE
0,118	0,268	0,006	0,014	0,166	FALSE
0,161	0,281	0,008	0,014	0,243	FALSE

0,005	0,273	0,000	0,009	0,013	FALSE
-0,040	0,281	-0,002	0,011	0,055	FALSE
-0,157	0,280	-0,006	0,010	0,261	FALSE
-0,134	0,280	-0,004	0,010	0,150	FALSE
-0,155	0,286	-0,004	0,008	0,178	FALSE
-0,220	0,272	-0,006	0,008	0,302	FALSE
-0,205	0,287	-0,005	0,008	0,249	FALSE
-0,202	0,285	-0,005	0,008	0,238	FALSE
0,097	0,299	0,004	0,014	0,127	FALSE
-0,166	0,279	-0,004	0,008	0,211	FALSE
-0,189	0,266	-0,004	0,007	0,269	FALSE
0,000	0,286	0,003	0,014	0,075	FALSE
0,043	0,289	0,005	0,015	0,122	FALSE
-0,053	0,277	0,000	0,008	0,006	FALSE
-0,105	0,270	-0,005	0,015	0,149	FALSE
0,134	0,268	0,003	0,009	0,112	FALSE
0,182	0,278	0,003	0,008	0,163	FALSE
0,116	0,281	0,006	0,013	0,177	FALSE
-0,023	0,277	0,001	0,014	0,027	FALSE
-0,018	0,281	0,000	0,008	0,007	FALSE
0,065	0,288	0,001	0,013	0,038	FALSE
0,031	0,297	0,002	0,014	0,058	FALSE
0,069	0,292	0,002	0,014	0,063	FALSE
0,091	0,286	0,003	0,015	0,085	FALSE
-0,034	0,269	-0,002	0,014	0,054	FALSE
0,100	0,282	0,004	0,012	0,129	FALSE
-0,126	0,275	-0,004	0,009	0,179	FALSE
-0,049	0,293	0,000	0,014	0,013	FALSE
0,046	0,291	0,002	0,011	0,077	FALSE
-0,023	0,281	0,000	0,008	0,020	FALSE
-0,126	0,289	-0,002	0,009	0,103	FALSE
0,076	0,285	0,001	0,010	0,031	FALSE
-0,031	0,295	0,000	0,011	0,006	FALSE
-0,099	0,282	-0,001	0,013	0,038	FALSE
-0,012	0,286	0,000	0,008	0,019	FALSE
0,053	0,273	0,000	0,007	0,004	FALSE
0,044	0,292	0,002	0,013	0,069	FALSE
0,099	0,282	0,003	0,013	0,092	FALSE
0,047	0,292	0,002	0,014	0,061	FALSE
-0,155	0,279	-0,004	0,008	0,199	FALSE
-0,245	0,293	-0,007	0,012	0,247	FALSE
0,050	0,286	0,001	0,010	0,055	FALSE
0,015	0,279	0,003	0,012	0,084	FALSE
-0,016	0,276	0,000	0,008	0,005	FALSE
0,169	0,279	0,009	0,014	0,301	FALSE
0,034	0,289	0,001	0,014	0,017	FALSE
0,084	0,273	0,003	0,008	0,151	FALSE
0,115	0,275	0,003	0,009	0,151	FALSE
-0,079	0,278	-0,002	0,008	0,072	FALSE
-0,057	0,299	-0,001	0,009	0,039	FALSE
0,050	0,281	0,001	0,013	0,033	FALSE
-0,023	0,280	-0,002	0,010	0,063	FALSE
-0,029	0,288	0,003	0,012	0,079	FALSE

-0,187	0,284	-0,004	0,008	0,197	FALSE
-0,186	0,277	-0,003	0,008	0,190	FALSE
0,100	0,287	0,004	0,013	0,129	FALSE
-0,194	0,292	-0,006	0,008	0,321	FALSE
0,077	0,277	0,003	0,012	0,103	FALSE
0,067	0,287	0,001	0,010	0,034	FALSE
0,026	0,307	0,001	0,008	0,057	FALSE
0,046	0,281	0,001	0,008	0,062	FALSE
0,007	0,292	0,000	0,008	0,013	FALSE
-0,194	0,285	-0,009	0,014	0,285	FALSE
0,018	0,291	0,001	0,009	0,045	FALSE
0,025	0,286	0,000	0,011	0,006	FALSE
0,015	0,293	-0,002	0,015	0,047	FALSE
-0,107	0,266	-0,003	0,008	0,158	FALSE
-0,020	0,292	-0,001	0,012	0,031	FALSE
0,253	0,260	0,007	0,014	0,231	FALSE
0,226	0,262	0,007	0,014	0,211	FALSE
0,182	0,258	0,003	0,011	0,121	FALSE
0,083	0,277	0,000	0,012	0,005	FALSE
-0,148	0,269	-0,006	0,010	0,264	FALSE
0,064	0,287	0,002	0,008	0,083	FALSE
0,011	0,288	0,000	0,014	0,004	FALSE
0,039	0,283	0,000	0,007	0,002	FALSE
-0,047	0,290	-0,001	0,009	0,021	FALSE
0,027	0,275	0,003	0,009	0,154	FALSE
0,137	0,278	0,003	0,011	0,100	FALSE
0,242	0,263	0,007	0,010	0,306	FALSE
0,256	0,264	0,011	0,014	0,388	FALSE
0,153	0,279	0,007	0,012	0,259	FALSE
-0,161	0,281	-0,008	0,014	0,242	FALSE
0,052	0,278	0,002	0,013	0,042	FALSE
0,049	0,299	0,002	0,012	0,074	FALSE
-0,014	0,293	0,001	0,014	0,033	FALSE
-0,049	0,278	-0,005	0,015	0,119	FALSE
0,127	0,285	0,009	0,015	0,242	FALSE
0,111	0,283	0,008	0,015	0,216	FALSE
0,123	0,293	0,008	0,015	0,230	FALSE
0,108	0,278	0,008	0,015	0,221	FALSE
0,069	0,282	0,006	0,016	0,169	FALSE
0,048	0,283	0,005	0,015	0,143	FALSE
-0,059	0,280	-0,001	0,009	0,022	FALSE
0,047	0,279	0,000	0,009	0,002	FALSE
0,186	0,284	0,007	0,012	0,235	FALSE
-0,103	0,288	-0,004	0,010	0,157	FALSE
-0,110	0,280	-0,004	0,010	0,153	FALSE
-0,087	0,273	-0,003	0,008	0,142	FALSE
0,125	0,286	0,004	0,011	0,129	FALSE
-0,011	0,298	-0,001	0,011	0,048	FALSE
-0,066	0,285	0,000	0,009	0,005	FALSE
-0,076	0,298	-0,004	0,012	0,116	FALSE
-0,100	0,303	-0,004	0,012	0,137	FALSE
-0,118	0,286	-0,005	0,011	0,160	FALSE
-0,139	0,291	-0,006	0,013	0,183	FALSE

0,069	0,290	0,002	0,013	0,066	FALSE
0,097	0,283	0,003	0,008	0,148	FALSE
-0,095	0,276	-0,003	0,008	0,164	FALSE
0,019	0,290	0,001	0,007	0,065	FALSE
0,019	0,291	0,001	0,008	0,048	FALSE
0,011	0,298	0,001	0,009	0,045	FALSE
0,076	0,277	0,006	0,015	0,153	FALSE
0,005	0,283	0,000	0,008	0,001	FALSE
-0,137	0,279	-0,003	0,010	0,127	FALSE
-0,120	0,282	-0,002	0,009	0,084	FALSE
0,075	0,291	0,004	0,014	0,114	FALSE
0,190	0,258	0,007	0,014	0,215	FALSE
0,207	0,264	0,008	0,014	0,265	FALSE
0,145	0,278	0,002	0,008	0,117	FALSE
0,133	0,278	0,002	0,007	0,098	FALSE
0,000	0,273	0,000	0,010	0,018	FALSE
0,040	0,296	0,003	0,011	0,104	FALSE
-0,026	0,290	0,001	0,011	0,028	FALSE
-0,056	0,273	0,000	0,011	0,009	FALSE
0,010	0,297	0,002	0,009	0,061	FALSE
-0,263	0,280	-0,007	0,008	0,416	FALSE
0,162	0,283	0,003	0,009	0,155	FALSE
-0,241	0,288	-0,013	0,014	0,434	FALSE
-0,121	0,307	-0,007	0,015	0,186	FALSE
0,008	0,302	0,000	0,015	0,006	FALSE
-0,020	0,289	0,000	0,008	0,013	FALSE
-0,014	0,284	0,001	0,014	0,020	FALSE
-0,004	0,286	-0,002	0,014	0,058	FALSE
0,011	0,292	0,001	0,014	0,018	FALSE
-0,023	0,295	0,000	0,015	0,010	FALSE
-0,061	0,284	-0,003	0,010	0,124	FALSE
-0,066	0,285	-0,001	0,014	0,028	FALSE
-0,026	0,275	-0,001	0,010	0,046	FALSE
-0,052	0,281	-0,001	0,008	0,028	FALSE
-0,100	0,275	-0,003	0,010	0,109	FALSE
-0,093	0,283	-0,002	0,010	0,089	FALSE
-0,083	0,291	-0,002	0,010	0,068	FALSE
-0,068	0,303	-0,002	0,011	0,060	FALSE
-0,089	0,289	-0,003	0,010	0,110	FALSE
-0,079	0,284	-0,002	0,010	0,088	FALSE
-0,072	0,278	-0,002	0,010	0,072	FALSE
-0,077	0,289	-0,002	0,010	0,092	FALSE
-0,147	0,283	-0,004	0,008	0,184	FALSE
-0,083	0,298	-0,004	0,012	0,138	FALSE
-0,140	0,282	-0,004	0,008	0,180	FALSE
-0,110	0,281	-0,003	0,008	0,146	FALSE
-0,109	0,293	-0,003	0,008	0,121	FALSE
-0,032	0,302	-0,001	0,011	0,035	FALSE
-0,187	0,279	-0,007	0,014	0,192	FALSE
0,152	0,280	0,002	0,009	0,098	FALSE
-0,123	0,285	-0,005	0,012	0,158	FALSE
0,137	0,277	0,003	0,008	0,159	FALSE
0,053	0,280	0,001	0,010	0,047	FALSE

0,085	0,293	0,003	0,010	0,111	FALSE
0,002	0,291	0,000	0,007	0,016	FALSE
0,117	0,290	0,004	0,012	0,135	FALSE
0,081	0,301	0,005	0,011	0,176	FALSE
0,059	0,280	0,002	0,010	0,078	FALSE
0,083	0,294	0,002	0,008	0,087	FALSE
-0,019	0,287	0,001	0,011	0,033	FALSE
-0,028	0,291	0,000	0,011	0,011	FALSE
0,023	0,292	0,000	0,008	0,020	FALSE
0,040	0,293	-0,001	0,015	0,020	FALSE
-0,004	0,282	-0,001	0,008	0,026	FALSE
0,005	0,284	-0,003	0,015	0,080	FALSE
-0,030	0,303	-0,001	0,009	0,049	FALSE
0,190	0,291	0,008	0,015	0,238	FALSE
0,148	0,285	0,006	0,014	0,188	FALSE
0,148	0,275	0,007	0,014	0,201	FALSE
0,067	0,297	0,000	0,012	0,007	FALSE
0,104	0,287	0,001	0,009	0,029	FALSE
0,143	0,286	0,003	0,010	0,113	FALSE
0,020	0,285	0,001	0,011	0,030	FALSE
-0,001	0,286	-0,001	0,009	0,023	FALSE
0,051	0,286	0,002	0,014	0,064	FALSE
-0,156	0,289	-0,004	0,008	0,220	FALSE
0,080	0,295	0,004	0,014	0,114	FALSE
0,025	0,288	0,001	0,015	0,013	FALSE
0,041	0,291	0,001	0,014	0,023	FALSE
-0,111	0,294	-0,002	0,008	0,086	FALSE
0,049	0,292	0,002	0,009	0,086	FALSE
0,016	0,291	0,000	0,012	0,009	FALSE
0,031	0,291	0,000	0,008	0,021	FALSE
0,087	0,294	0,003	0,012	0,100	FALSE
0,145	0,287	0,004	0,009	0,204	FALSE
-0,070	0,297	-0,003	0,008	0,133	FALSE
-0,108	0,272	-0,010	0,014	0,316	FALSE
-0,096	0,280	-0,001	0,007	0,049	FALSE
-0,109	0,281	-0,006	0,012	0,189	FALSE
-0,092	0,294	-0,004	0,013	0,120	FALSE
-0,053	0,279	-0,002	0,014	0,065	FALSE
0,086	0,277	0,002	0,008	0,084	FALSE
0,205	0,293	0,009	0,015	0,252	FALSE
-0,032	0,275	0,001	0,014	0,032	FALSE
-0,015	0,276	0,002	0,015	0,059	FALSE
-0,095	0,294	-0,006	0,014	0,161	FALSE
0,204	0,283	0,009	0,015	0,267	FALSE
-0,157	0,268	-0,009	0,014	0,296	FALSE
0,029	0,281	-0,001	0,013	0,038	FALSE
-0,005	0,287	0,000	0,011	0,011	FALSE
-0,027	0,289	0,000	0,013	0,010	FALSE
0,047	0,282	0,002	0,009	0,089	FALSE
0,071	0,280	0,003	0,012	0,099	FALSE
-0,086	0,267	-0,004	0,010	0,172	FALSE
-0,020	0,298	-0,001	0,013	0,024	FALSE
-0,028	0,276	0,001	0,015	0,014	FALSE

-0,046	0,290	-0,001	0,007	0,060	FALSE
-0,014	0,286	-0,001	0,009	0,021	FALSE
0,046	0,282	0,001	0,008	0,041	FALSE
0,069	0,288	0,003	0,009	0,147	FALSE
0,058	0,280	0,000	0,008	0,006	FALSE
0,074	0,271	0,003	0,008	0,164	FALSE
0,078	0,273	0,004	0,009	0,166	FALSE
0,002	0,292	0,000	0,012	0,012	FALSE
0,044	0,279	0,001	0,007	0,028	FALSE
0,118	0,286	0,003	0,008	0,129	FALSE
-0,220	0,270	-0,008	0,011	0,322	FALSE
-0,015	0,292	0,001	0,015	0,024	FALSE
-0,062	0,283	-0,002	0,007	0,117	FALSE
-0,125	0,289	-0,002	0,008	0,124	FALSE
0,006	0,306	0,000	0,015	0,004	FALSE
0,094	0,302	0,006	0,013	0,181	FALSE
0,035	0,277	0,001	0,013	0,035	FALSE
-0,103	0,281	-0,006	0,015	0,164	FALSE
-0,009	0,287	0,001	0,014	0,014	FALSE
-0,130	0,283	-0,004	0,008	0,191	FALSE
-0,153	0,280	-0,005	0,015	0,126	FALSE
-0,040	0,304	-0,001	0,009	0,051	FALSE
-0,083	0,292	-0,002	0,007	0,085	FALSE
-0,016	0,291	0,001	0,011	0,042	FALSE
0,005	0,294	0,002	0,014	0,060	FALSE
0,127	0,288	0,005	0,011	0,193	FALSE
-0,030	0,287	0,001	0,008	0,022	FALSE
0,007	0,287	0,000	0,013	0,008	FALSE
0,035	0,277	-0,001	0,010	0,029	FALSE
-0,015	0,304	0,000	0,009	0,005	FALSE
-0,095	0,277	-0,004	0,014	0,120	FALSE
-0,117	0,273	-0,003	0,009	0,143	FALSE
-0,108	0,286	-0,003	0,010	0,132	FALSE
0,075	0,277	0,002	0,013	0,058	FALSE
-0,015	0,293	-0,002	0,009	0,078	FALSE
-0,042	0,286	-0,003	0,014	0,087	FALSE
-0,140	0,293	-0,003	0,013	0,077	FALSE
-0,046	0,315	-0,001	0,014	0,018	FALSE
-0,177	0,281	-0,008	0,012	0,284	FALSE
0,209	0,282	0,009	0,012	0,309	FALSE
-0,019	0,294	0,001	0,007	0,035	FALSE
0,017	0,303	0,001	0,015	0,020	FALSE
0,007	0,288	0,001	0,007	0,069	FALSE
-0,049	0,294	-0,002	0,009	0,083	FALSE
-0,059	0,302	-0,002	0,009	0,092	FALSE
-0,066	0,268	-0,004	0,013	0,103	FALSE
-0,023	0,295	-0,002	0,014	0,057	FALSE
0,042	0,265	0,003	0,013	0,074	FALSE
0,109	0,282	0,004	0,008	0,205	FALSE
0,033	0,287	0,001	0,009	0,021	FALSE
0,052	0,301	0,002	0,012	0,070	FALSE
0,133	0,282	0,007	0,013	0,230	FALSE
0,116	0,283	0,006	0,012	0,218	FALSE

-0,031	0,285	-0,003	0,015	0,074	FALSE
-0,130	0,283	-0,003	0,010	0,141	FALSE
0,111	0,280	0,006	0,015	0,164	FALSE
0,056	0,284	0,001	0,010	0,048	FALSE
0,044	0,281	0,001	0,009	0,035	FALSE
0,151	0,278	0,007	0,015	0,202	FALSE
-0,156	0,281	-0,003	0,010	0,107	FALSE
-0,014	0,282	-0,001	0,016	0,025	FALSE
0,106	0,278	0,001	0,008	0,062	FALSE
-0,022	0,291	-0,002	0,008	0,095	FALSE
0,007	0,284	0,001	0,009	0,057	FALSE
-0,138	0,291	-0,004	0,012	0,127	FALSE
0,021	0,282	0,001	0,011	0,049	FALSE
-0,065	0,276	-0,002	0,014	0,054	FALSE
-0,025	0,295	0,000	0,013	0,008	FALSE
0,100	0,283	0,002	0,008	0,081	FALSE
0,007	0,291	0,001	0,008	0,027	FALSE
0,012	0,284	0,001	0,010	0,051	FALSE
-0,086	0,287	-0,003	0,009	0,107	FALSE
0,065	0,274	0,001	0,008	0,031	FALSE
-0,086	0,291	-0,004	0,013	0,115	FALSE
-0,003	0,291	0,000	0,015	0,009	FALSE
-0,119	0,267	-0,005	0,011	0,173	FALSE
0,121	0,277	0,005	0,015	0,134	FALSE
0,089	0,286	0,001	0,012	0,037	FALSE
-0,058	0,280	-0,002	0,010	0,086	FALSE
0,103	0,287	0,002	0,015	0,041	FALSE
0,113	0,286	0,005	0,009	0,219	FALSE
0,109	0,292	0,002	0,015	0,052	FALSE
0,078	0,293	0,002	0,008	0,118	FALSE
0,109	0,297	0,004	0,014	0,115	FALSE
-0,145	0,288	-0,007	0,012	0,228	FALSE
0,004	0,301	0,000	0,014	0,007	FALSE
-0,112	0,285	-0,005	0,009	0,228	FALSE
0,260	0,278	0,009	0,011	0,429	FALSE
-0,038	0,289	-0,001	0,009	0,051	FALSE
-0,086	0,284	-0,001	0,007	0,068	FALSE
-0,001	0,286	0,001	0,009	0,025	FALSE
-0,012	0,283	0,001	0,009	0,041	FALSE
0,026	0,290	0,001	0,007	0,056	FALSE
0,034	0,298	0,004	0,010	0,151	FALSE
-0,001	0,297	0,001	0,007	0,054	FALSE
0,171	0,272	0,003	0,009	0,116	FALSE
0,062	0,281	0,003	0,012	0,081	FALSE
0,014	0,290	0,001	0,011	0,031	FALSE
0,133	0,296	0,005	0,009	0,215	FALSE
-0,163	0,279	-0,007	0,015	0,211	FALSE
0,020	0,295	0,001	0,012	0,028	FALSE
-0,144	0,278	-0,005	0,012	0,177	FALSE
-0,196	0,268	-0,007	0,011	0,267	FALSE
-0,137	0,273	-0,005	0,011	0,162	FALSE
0,243	0,273	0,008	0,010	0,391	FALSE
0,170	0,282	0,009	0,014	0,269	FALSE

-0,212	0,297	-0,011	0,016	0,300	FALSE
0,317	0,259	0,012	0,011	0,526	FALSE
0,083	0,290	0,002	0,013	0,053	FALSE
-0,103	0,275	-0,003	0,007	0,140	FALSE
0,171	0,289	0,006	0,012	0,229	FALSE
0,243	0,281	0,010	0,013	0,378	FALSE
-0,066	0,282	-0,001	0,008	0,033	FALSE
-0,017	0,289	0,000	0,007	0,011	FALSE
-0,041	0,278	-0,001	0,010	0,023	FALSE
-0,083	0,280	0,000	0,012	0,003	FALSE
-0,101	0,281	-0,002	0,009	0,104	FALSE
-0,022	0,278	-0,002	0,007	0,090	FALSE
-0,096	0,285	-0,003	0,010	0,140	FALSE
0,009	0,294	0,002	0,012	0,066	FALSE
0,085	0,268	0,002	0,011	0,069	FALSE
0,075	0,281	0,002	0,011	0,056	FALSE
0,078	0,291	0,001	0,009	0,038	FALSE
-0,127	0,291	-0,006	0,014	0,191	FALSE
-0,014	0,290	-0,001	0,014	0,017	FALSE
0,105	0,292	0,006	0,012	0,201	FALSE
-0,053	0,290	0,000	0,008	0,022	FALSE
0,042	0,287	0,003	0,014	0,081	FALSE
0,060	0,280	0,004	0,015	0,096	FALSE
0,100	0,297	0,003	0,008	0,155	FALSE
0,122	0,272	0,003	0,008	0,123	FALSE
0,010	0,294	-0,001	0,008	0,030	FALSE
0,019	0,295	0,001	0,008	0,038	FALSE
0,090	0,281	0,007	0,014	0,201	FALSE
0,125	0,278	0,004	0,009	0,186	FALSE
-0,111	0,287	-0,005	0,012	0,180	FALSE
0,046	0,284	0,003	0,014	0,075	FALSE
-0,231	0,272	-0,006	0,008	0,320	FALSE
-0,018	0,281	0,001	0,007	0,033	FALSE
-0,004	0,299	-0,001	0,015	0,013	FALSE
0,065	0,299	0,001	0,008	0,046	FALSE
-0,041	0,279	-0,002	0,008	0,072	FALSE
0,032	0,291	0,003	0,012	0,085	FALSE
0,055	0,300	0,003	0,011	0,083	FALSE
0,086	0,292	0,004	0,011	0,141	FALSE
0,104	0,290	0,004	0,011	0,168	FALSE
-0,096	0,294	-0,008	0,015	0,212	FALSE
0,065	0,268	0,003	0,011	0,098	FALSE
0,013	0,290	-0,002	0,012	0,052	FALSE
-0,088	0,284	-0,005	0,014	0,144	FALSE
0,090	0,280	0,003	0,011	0,099	FALSE
0,022	0,288	-0,002	0,014	0,044	FALSE
-0,085	0,285	-0,001	0,008	0,052	FALSE
0,082	0,295	0,006	0,012	0,187	FALSE
-0,132	0,288	-0,002	0,011	0,088	FALSE
0,209	0,288	0,004	0,007	0,224	FALSE
0,024	0,278	0,000	0,012	0,005	FALSE
-0,158	0,272	-0,006	0,010	0,260	FALSE
-0,168	0,263	-0,007	0,010	0,324	FALSE

-0,108	0,265	-0,004	0,009	0,207	FALSE
0,128	0,299	0,004	0,009	0,177	FALSE
0,212	0,271	0,007	0,012	0,246	FALSE
-0,160	0,276	-0,007	0,015	0,203	FALSE
0,209	0,271	0,004	0,008	0,219	FALSE
0,187	0,282	0,007	0,010	0,291	FALSE
0,186	0,282	0,013	0,015	0,399	FALSE
0,057	0,293	0,002	0,015	0,061	FALSE
-0,040	0,290	-0,002	0,012	0,049	FALSE
0,079	0,286	0,002	0,010	0,093	FALSE
-0,129	0,284	-0,004	0,010	0,171	FALSE
-0,296	0,264	-0,013	0,015	0,408	FALSE
0,060	0,292	0,003	0,011	0,108	FALSE
-0,028	0,288	0,000	0,010	0,003	FALSE
0,216	0,272	0,009	0,015	0,255	FALSE
0,185	0,267	0,003	0,008	0,159	FALSE
-0,221	0,278	-0,004	0,007	0,243	FALSE
-0,085	0,278	-0,004	0,013	0,126	FALSE
0,093	0,284	0,001	0,008	0,030	FALSE
0,037	0,279	0,000	0,009	0,004	FALSE
-0,051	0,272	-0,001	0,012	0,031	FALSE
0,049	0,291	0,003	0,009	0,128	FALSE
0,086	0,287	0,003	0,009	0,125	FALSE
0,081	0,275	0,002	0,010	0,075	FALSE
0,177	0,293	0,005	0,007	0,287	FALSE
-0,294	0,287	-0,013	0,013	0,521	FALSE
-0,319	0,283	-0,015	0,013	0,576	FALSE
-0,310	0,273	-0,015	0,014	0,564	FALSE
0,163	0,294	0,005	0,008	0,270	FALSE
0,087	0,284	0,002	0,009	0,083	FALSE
-0,006	0,299	-0,001	0,013	0,029	FALSE
0,072	0,292	0,003	0,010	0,133	FALSE
-0,056	0,294	0,000	0,013	0,002	FALSE
-0,189	0,285	-0,004	0,010	0,182	FALSE
-0,091	0,287	-0,005	0,012	0,150	FALSE
0,077	0,285	0,002	0,011	0,073	FALSE
-0,082	0,290	-0,004	0,015	0,117	FALSE
0,169	0,303	0,008	0,014	0,233	FALSE
-0,064	0,296	-0,001	0,010	0,044	FALSE
0,191	0,277	0,006	0,012	0,240	FALSE
-0,229	0,273	-0,006	0,009	0,292	FALSE
0,028	0,277	0,000	0,009	0,002	FALSE
-0,073	0,285	-0,002	0,011	0,058	FALSE
0,018	0,285	0,000	0,013	0,007	FALSE
-0,030	0,267	-0,003	0,014	0,077	FALSE
-0,064	0,285	-0,004	0,015	0,113	FALSE
0,158	0,283	0,003	0,008	0,145	FALSE
0,152	0,279	0,003	0,008	0,145	FALSE
0,053	0,290	0,003	0,007	0,158	FALSE
-0,085	0,292	-0,001	0,009	0,042	FALSE
0,106	0,272	0,003	0,013	0,080	FALSE
0,086	0,287	0,002	0,014	0,044	FALSE
-0,081	0,272	-0,003	0,007	0,208	FALSE

-0,074	0,278	-0,001	0,015	0,033	FALSE
0,048	0,275	0,001	0,014	0,025	FALSE
0,104	0,289	0,001	0,010	0,040	FALSE
0,055	0,293	0,003	0,013	0,098	FALSE
-0,057	0,295	-0,003	0,012	0,075	FALSE
-0,062	0,291	-0,001	0,008	0,052	FALSE
-0,038	0,305	-0,001	0,009	0,032	FALSE
-0,075	0,291	-0,003	0,014	0,082	FALSE
-0,011	0,295	0,000	0,008	0,018	FALSE
0,027	0,287	0,001	0,015	0,016	FALSE
-0,019	0,295	-0,002	0,009	0,074	FALSE
0,168	0,283	0,005	0,011	0,202	FALSE
0,056	0,286	0,000	0,008	0,016	FALSE
0,157	0,288	0,005	0,011	0,173	FALSE
-0,268	0,270	-0,008	0,010	0,365	FALSE
0,059	0,288	0,003	0,012	0,090	FALSE
-0,149	0,280	-0,006	0,014	0,184	FALSE
0,018	0,272	0,000	0,010	0,013	FALSE
-0,044	0,289	-0,002	0,008	0,091	FALSE
0,127	0,276	0,005	0,013	0,148	FALSE
-0,183	0,286	-0,007	0,013	0,233	FALSE
-0,131	0,284	-0,004	0,013	0,120	FALSE
-0,008	0,280	-0,001	0,009	0,023	FALSE
-0,073	0,276	-0,002	0,011	0,062	FALSE
0,089	0,295	0,001	0,008	0,058	FALSE
-0,227	0,274	-0,009	0,013	0,320	FALSE
-0,035	0,285	-0,001	0,008	0,024	FALSE
0,047	0,292	0,002	0,014	0,059	FALSE
-0,130	0,292	-0,006	0,014	0,160	FALSE
0,007	0,284	0,001	0,007	0,029	FALSE
0,010	0,285	0,001	0,010	0,018	FALSE
-0,055	0,300	-0,001	0,009	0,035	FALSE
0,137	0,271	0,003	0,009	0,140	FALSE
-0,004	0,288	0,000	0,008	0,007	FALSE
0,062	0,279	0,004	0,013	0,124	FALSE
0,061	0,282	0,004	0,013	0,115	FALSE
0,081	0,266	0,005	0,013	0,160	FALSE
-0,070	0,297	-0,002	0,009	0,104	FALSE
0,023	0,281	0,003	0,014	0,081	FALSE
0,045	0,294	0,000	0,008	0,016	FALSE
-0,127	0,282	-0,003	0,010	0,140	FALSE
-0,107	0,279	-0,002	0,010	0,086	FALSE
0,131	0,272	0,004	0,012	0,134	FALSE
0,068	0,277	0,000	0,007	0,008	FALSE
-0,129	0,287	-0,006	0,014	0,157	FALSE
0,007	0,285	0,000	0,008	0,022	FALSE
0,117	0,278	0,001	0,012	0,045	FALSE
0,100	0,272	0,002	0,010	0,075	FALSE
-0,153	0,302	-0,007	0,012	0,238	FALSE
-0,060	0,293	-0,001	0,007	0,047	FALSE
0,007	0,299	0,000	0,010	0,014	FALSE
-0,024	0,301	0,000	0,007	0,000	FALSE
0,067	0,296	0,001	0,009	0,021	FALSE

0,070	0,280	0,005	0,013	0,152	FALSE
0,177	0,303	0,004	0,009	0,168	FALSE
-0,059	0,294	-0,002	0,008	0,079	FALSE
0,056	0,290	0,001	0,008	0,028	FALSE
0,036	0,285	0,000	0,007	0,017	FALSE
-0,066	0,280	-0,002	0,014	0,053	FALSE
-0,043	0,279	-0,003	0,014	0,074	FALSE
0,060	0,283	0,004	0,014	0,103	FALSE
-0,052	0,294	0,001	0,014	0,033	FALSE
0,028	0,300	0,001	0,009	0,051	FALSE
-0,059	0,295	-0,003	0,013	0,084	FALSE
-0,017	0,297	-0,001	0,013	0,014	FALSE
-0,057	0,303	-0,003	0,015	0,085	FALSE
-0,029	0,282	-0,001	0,014	0,032	FALSE
-0,055	0,298	-0,002	0,014	0,060	FALSE
-0,097	0,294	-0,003	0,013	0,073	FALSE
0,081	0,288	0,002	0,008	0,110	FALSE
0,085	0,278	0,001	0,012	0,038	FALSE
0,189	0,275	0,007	0,015	0,188	FALSE
-0,094	0,297	-0,002	0,010	0,083	FALSE
-0,143	0,286	-0,004	0,010	0,150	FALSE
-0,129	0,284	-0,004	0,010	0,144	FALSE
0,131	0,275	0,003	0,009	0,105	FALSE
0,038	0,290	0,002	0,008	0,081	FALSE
0,004	0,290	0,000	0,008	0,018	FALSE
0,068	0,301	0,002	0,014	0,054	FALSE
-0,099	0,287	-0,002	0,013	0,056	FALSE
0,043	0,304	0,001	0,015	0,022	FALSE
-0,143	0,287	-0,005	0,013	0,148	FALSE
-0,142	0,281	-0,006	0,014	0,170	FALSE
-0,051	0,284	-0,001	0,007	0,056	FALSE
0,073	0,281	0,001	0,007	0,078	FALSE
-0,040	0,274	0,000	0,011	0,010	FALSE
-0,031	0,271	-0,004	0,012	0,121	FALSE
-0,116	0,276	-0,002	0,008	0,117	FALSE
-0,074	0,285	-0,002	0,008	0,077	FALSE
-0,024	0,294	0,001	0,015	0,015	FALSE
-0,069	0,275	-0,002	0,010	0,100	FALSE
0,043	0,295	0,004	0,015	0,116	FALSE
-0,031	0,285	0,002	0,014	0,042	FALSE
-0,096	0,288	-0,002	0,009	0,096	FALSE
0,066	0,291	0,003	0,011	0,101	FALSE
0,141	0,273	0,004	0,011	0,144	FALSE
-0,112	0,284	-0,003	0,010	0,134	FALSE
0,049	0,293	0,004	0,012	0,131	FALSE
0,007	0,293	0,001	0,008	0,046	FALSE
-0,143	0,277	-0,005	0,013	0,167	FALSE
-0,067	0,277	-0,002	0,007	0,082	FALSE
-0,106	0,277	-0,003	0,007	0,174	FALSE
0,032	0,280	0,000	0,009	0,008	FALSE
-0,058	0,285	0,000	0,009	0,016	FALSE
0,109	0,289	0,004	0,013	0,108	FALSE
0,110	0,276	0,003	0,011	0,095	FALSE

0,052	0,284	0,002	0,009	0,064	FALSE
0,108	0,286	0,003	0,011	0,092	FALSE
-0,001	0,285	0,000	0,009	0,003	FALSE
0,019	0,289	0,000	0,013	0,012	FALSE
-0,094	0,279	-0,003	0,008	0,153	FALSE
-0,039	0,268	-0,003	0,011	0,098	FALSE
-0,046	0,277	-0,002	0,008	0,080	FALSE
0,201	0,284	0,012	0,015	0,364	FALSE
0,013	0,289	0,001	0,009	0,043	FALSE
-0,170	0,280	-0,004	0,009	0,180	FALSE
-0,096	0,272	-0,002	0,007	0,079	FALSE
-0,095	0,289	-0,002	0,009	0,089	FALSE
0,051	0,291	0,005	0,013	0,144	FALSE
0,046	0,287	0,005	0,013	0,138	FALSE
0,028	0,288	0,004	0,013	0,115	FALSE
0,032	0,285	0,004	0,013	0,115	FALSE
-0,021	0,281	0,001	0,010	0,037	FALSE
0,137	0,270	0,010	0,014	0,334	FALSE
-0,087	0,290	-0,003	0,010	0,132	FALSE
-0,111	0,282	-0,003	0,009	0,112	FALSE
0,113	0,278	0,003	0,015	0,071	FALSE
0,240	0,278	0,005	0,010	0,212	FALSE
0,074	0,290	0,001	0,008	0,068	FALSE
-0,003	0,279	-0,001	0,009	0,042	FALSE
-0,010	0,280	0,001	0,014	0,026	FALSE
-0,060	0,284	0,000	0,010	0,004	FALSE
0,028	0,280	0,001	0,007	0,041	FALSE
-0,185	0,295	-0,008	0,014	0,256	FALSE
0,003	0,288	0,002	0,011	0,053	FALSE
0,110	0,280	0,004	0,014	0,112	FALSE
0,075	0,274	0,002	0,008	0,095	FALSE
-0,057	0,280	-0,004	0,015	0,112	FALSE
-0,015	0,273	-0,003	0,014	0,065	FALSE
-0,042	0,281	0,000	0,008	0,020	FALSE
0,057	0,299	0,002	0,013	0,055	FALSE
0,110	0,287	0,001	0,008	0,047	FALSE
0,022	0,283	0,001	0,009	0,033	FALSE
-0,023	0,289	-0,001	0,007	0,061	FALSE
-0,036	0,303	-0,003	0,015	0,079	FALSE
0,084	0,290	0,003	0,010	0,099	FALSE
-0,019	0,282	-0,001	0,009	0,034	FALSE
0,110	0,288	0,004	0,015	0,108	FALSE
0,001	0,299	0,003	0,011	0,087	FALSE
-0,008	0,294	-0,003	0,011	0,103	FALSE
0,059	0,287	0,002	0,011	0,072	FALSE
0,010	0,293	0,001	0,014	0,021	FALSE
-0,005	0,292	0,001	0,014	0,028	FALSE
-0,038	0,276	-0,001	0,011	0,036	FALSE
0,223	0,277	0,008	0,012	0,294	FALSE
0,003	0,275	-0,002	0,008	0,077	FALSE
-0,101	0,275	-0,007	0,014	0,204	FALSE
0,050	0,295	0,001	0,014	0,029	FALSE
0,018	0,279	0,001	0,008	0,027	FALSE

0,005	0,274	-0,002	0,014	0,044	FALSE
-0,017	0,287	-0,003	0,014	0,089	FALSE
0,036	0,299	0,000	0,013	0,007	FALSE
0,020	0,287	0,001	0,009	0,045	FALSE
0,198	0,282	0,004	0,007	0,228	FALSE
0,149	0,285	0,004	0,009	0,191	FALSE
0,046	0,287	0,002	0,011	0,064	FALSE
0,073	0,286	0,000	0,008	0,015	FALSE
0,065	0,264	0,000	0,007	0,004	FALSE
-0,164	0,272	-0,007	0,012	0,253	FALSE
0,035	0,286	0,002	0,015	0,048	FALSE
-0,118	0,282	-0,004	0,013	0,128	FALSE
-0,067	0,294	-0,001	0,009	0,054	FALSE
0,230	0,295	0,005	0,009	0,235	FALSE
-0,073	0,289	-0,001	0,009	0,032	FALSE
-0,064	0,291	-0,001	0,009	0,026	FALSE
-0,074	0,287	-0,001	0,009	0,040	FALSE
-0,062	0,281	0,000	0,009	0,011	FALSE
-0,040	0,283	0,000	0,015	0,004	FALSE
0,171	0,277	0,006	0,014	0,166	FALSE
-0,060	0,280	-0,002	0,010	0,058	FALSE
0,138	0,277	0,003	0,008	0,148	FALSE
-0,105	0,271	-0,003	0,009	0,121	FALSE
0,020	0,291	-0,002	0,013	0,058	FALSE
-0,142	0,286	-0,003	0,013	0,084	FALSE
-0,138	0,282	-0,004	0,014	0,121	FALSE
0,119	0,278	0,004	0,012	0,138	FALSE
0,160	0,278	0,005	0,012	0,162	FALSE
0,062	0,285	0,004	0,010	0,163	FALSE
0,111	0,287	0,002	0,008	0,110	FALSE
0,067	0,282	0,001	0,010	0,054	FALSE
0,109	0,306	0,002	0,009	0,090	FALSE
-0,035	0,285	-0,001	0,008	0,029	FALSE
-0,053	0,284	0,000	0,008	0,011	FALSE
-0,073	0,292	-0,001	0,009	0,052	FALSE
-0,015	0,294	-0,001	0,008	0,051	FALSE
-0,067	0,278	-0,004	0,011	0,133	FALSE
0,090	0,294	0,001	0,009	0,051	FALSE
0,014	0,281	-0,001	0,014	0,020	FALSE
-0,017	0,285	0,001	0,011	0,030	FALSE
-0,038	0,280	-0,001	0,010	0,030	FALSE
0,116	0,293	0,007	0,014	0,202	FALSE
-0,087	0,289	-0,003	0,010	0,115	FALSE
0,114	0,287	0,002	0,010	0,080	FALSE
0,072	0,287	0,003	0,011	0,087	FALSE
0,085	0,273	0,003	0,010	0,107	FALSE
-0,075	0,282	-0,002	0,007	0,100	FALSE
-0,007	0,275	0,001	0,009	0,035	FALSE
0,081	0,303	0,000	0,009	0,013	FALSE
0,105	0,285	0,001	0,010	0,024	FALSE
-0,085	0,298	-0,001	0,009	0,043	FALSE
-0,058	0,285	-0,001	0,008	0,065	FALSE
0,007	0,296	-0,001	0,015	0,020	FALSE

-0,077	0,282	-0,003	0,008	0,169	FALSE
0,028	0,296	0,001	0,015	0,021	FALSE
-0,039	0,287	-0,001	0,008	0,023	FALSE
-0,058	0,281	0,000	0,010	0,006	FALSE
-0,051	0,287	-0,003	0,012	0,100	FALSE
0,011	0,272	0,001	0,007	0,065	FALSE
0,079	0,307	0,003	0,015	0,070	FALSE
0,088	0,292	0,004	0,010	0,142	FALSE
0,187	0,293	0,005	0,008	0,239	FALSE
-0,041	0,290	-0,001	0,015	0,030	FALSE
-0,077	0,298	-0,001	0,010	0,058	FALSE
-0,021	0,292	0,000	0,010	0,011	FALSE
0,032	0,295	0,001	0,011	0,045	FALSE
-0,052	0,291	-0,002	0,009	0,091	FALSE
0,114	0,284	0,006	0,012	0,189	FALSE
0,020	0,294	0,003	0,013	0,071	FALSE
-0,057	0,286	-0,002	0,009	0,088	FALSE
-0,116	0,277	-0,004	0,009	0,168	FALSE
0,041	0,286	0,001	0,009	0,023	FALSE
0,046	0,299	0,003	0,008	0,130	FALSE
-0,126	0,298	-0,003	0,008	0,129	FALSE
0,033	0,309	-0,001	0,011	0,019	FALSE
0,129	0,281	0,003	0,014	0,092	FALSE
-0,064	0,272	-0,002	0,010	0,076	FALSE
0,122	0,288	0,003	0,014	0,075	FALSE
-0,014	0,291	0,001	0,008	0,046	FALSE
0,089	0,283	0,002	0,014	0,056	FALSE
0,019	0,281	0,001	0,010	0,040	FALSE
0,033	0,277	0,001	0,009	0,051	FALSE
0,089	0,293	0,002	0,008	0,113	FALSE
0,187	0,273	0,004	0,011	0,162	FALSE
0,205	0,265	0,006	0,011	0,225	FALSE
-0,030	0,290	-0,002	0,015	0,044	FALSE
0,142	0,300	0,004	0,008	0,193	FALSE
0,078	0,282	0,001	0,010	0,036	FALSE
-0,094	0,286	-0,002	0,012	0,063	FALSE
0,057	0,288	0,004	0,014	0,104	FALSE
0,036	0,286	0,000	0,014	0,010	FALSE
-0,143	0,284	-0,004	0,008	0,206	FALSE
-0,095	0,280	-0,003	0,007	0,157	FALSE
0,096	0,292	0,006	0,013	0,193	FALSE
0,060	0,301	0,001	0,009	0,039	FALSE
0,058	0,285	0,003	0,013	0,093	FALSE
0,108	0,274	0,003	0,015	0,071	FALSE
-0,016	0,276	-0,002	0,009	0,080	FALSE
-0,035	0,286	-0,001	0,011	0,017	FALSE
0,061	0,295	0,001	0,008	0,048	FALSE
-0,021	0,293	-0,001	0,008	0,059	FALSE
-0,030	0,289	-0,002	0,013	0,051	FALSE
-0,032	0,290	-0,001	0,010	0,035	FALSE
-0,012	0,295	0,000	0,009	0,002	FALSE
0,105	0,289	0,002	0,010	0,095	FALSE
0,182	0,283	0,010	0,015	0,313	FALSE

-0,122	0,287	-0,004	0,014	0,121	FALSE
0,142	0,279	0,006	0,015	0,167	FALSE
-0,044	0,288	-0,001	0,008	0,060	FALSE
0,013	0,294	0,001	0,009	0,022	FALSE
-0,065	0,279	-0,002	0,013	0,041	FALSE
-0,134	0,283	-0,002	0,007	0,116	FALSE
-0,084	0,267	-0,003	0,012	0,086	FALSE
-0,026	0,279	-0,004	0,014	0,096	FALSE
0,170	0,288	0,003	0,008	0,182	FALSE
0,132	0,292	0,005	0,011	0,216	FALSE
0,147	0,293	0,009	0,015	0,240	FALSE
0,209	0,281	0,011	0,015	0,353	FALSE
-0,200	0,286	-0,009	0,013	0,310	FALSE
-0,004	0,286	0,002	0,014	0,053	FALSE
-0,074	0,277	-0,002	0,009	0,085	FALSE
0,037	0,282	0,000	0,009	0,002	FALSE
-0,068	0,293	0,000	0,008	0,013	FALSE
0,043	0,285	0,000	0,010	0,005	FALSE
-0,009	0,293	0,000	0,012	0,015	FALSE
-0,164	0,285	-0,005	0,008	0,264	FALSE
0,047	0,292	0,000	0,012	0,005	FALSE
-0,014	0,298	-0,001	0,010	0,022	FALSE
0,018	0,294	0,000	0,009	0,007	FALSE
0,011	0,259	0,002	0,014	0,050	FALSE
0,195	0,270	0,010	0,014	0,325	FALSE
-0,033	0,305	0,000	0,014	0,002	FALSE
0,010	0,295	-0,002	0,015	0,048	FALSE
0,104	0,269	0,003	0,007	0,174	FALSE
-0,055	0,276	0,000	0,014	0,006	FALSE
0,123	0,287	0,005	0,013	0,163	FALSE
0,152	0,276	0,008	0,015	0,244	FALSE
0,118	0,301	0,004	0,009	0,153	FALSE
-0,085	0,276	-0,003	0,007	0,164	FALSE
0,043	0,291	0,002	0,014	0,053	FALSE
0,102	0,294	0,003	0,010	0,135	FALSE
-0,064	0,289	-0,004	0,011	0,144	FALSE
-0,009	0,282	-0,003	0,012	0,094	FALSE
-0,082	0,291	-0,003	0,009	0,108	FALSE
0,086	0,287	0,004	0,011	0,140	FALSE
-0,057	0,276	-0,001	0,008	0,065	FALSE
-0,069	0,278	-0,003	0,014	0,080	FALSE
-0,041	0,284	-0,003	0,010	0,100	FALSE
0,012	0,284	0,002	0,011	0,053	FALSE
0,112	0,285	0,003	0,008	0,153	FALSE
-0,104	0,281	-0,004	0,014	0,112	FALSE
-0,061	0,293	-0,002	0,012	0,059	FALSE
0,007	0,296	0,000	0,013	0,001	FALSE
0,015	0,289	0,000	0,014	0,002	FALSE
0,085	0,298	0,001	0,015	0,020	FALSE
-0,108	0,276	-0,006	0,011	0,230	FALSE
-0,061	0,268	-0,003	0,013	0,091	FALSE
-0,062	0,285	-0,002	0,007	0,077	FALSE
-0,082	0,292	-0,003	0,008	0,133	FALSE

-0,037	0,281	-0,001	0,008	0,067	FALSE
0,026	0,285	0,003	0,010	0,100	FALSE
-0,061	0,289	-0,001	0,011	0,025	FALSE
0,074	0,289	0,003	0,012	0,081	FALSE
-0,132	0,280	-0,005	0,008	0,231	FALSE
-0,115	0,282	-0,006	0,011	0,220	FALSE
-0,045	0,299	-0,001	0,011	0,021	FALSE
-0,122	0,281	-0,003	0,007	0,149	FALSE
0,251	0,265	0,006	0,008	0,378	FALSE
0,221	0,291	0,007	0,013	0,256	FALSE
-0,033	0,289	-0,002	0,012	0,056	FALSE
-0,117	0,289	-0,004	0,010	0,142	FALSE
-0,070	0,277	-0,003	0,008	0,125	FALSE
-0,041	0,297	-0,002	0,010	0,065	FALSE
0,026	0,276	0,000	0,007	0,024	FALSE
-0,081	0,284	-0,002	0,009	0,092	FALSE
-0,127	0,290	-0,006	0,015	0,149	FALSE
0,042	0,296	0,002	0,010	0,066	FALSE
-0,156	0,292	-0,004	0,008	0,216	FALSE
-0,028	0,300	0,000	0,013	0,004	FALSE
0,042	0,278	0,001	0,007	0,041	FALSE
-0,049	0,294	0,000	0,015	0,007	FALSE
0,085	0,295	0,001	0,008	0,029	FALSE
0,133	0,285	0,005	0,014	0,147	FALSE
0,015	0,297	0,001	0,007	0,055	FALSE
0,134	0,275	0,004	0,009	0,204	FALSE
0,046	0,273	0,002	0,011	0,065	FALSE
0,144	0,281	0,006	0,015	0,165	FALSE
-0,068	0,287	0,000	0,007	0,016	FALSE
-0,151	0,284	-0,005	0,011	0,163	FALSE
-0,215	0,270	-0,011	0,015	0,342	FALSE
-0,157	0,283	-0,006	0,012	0,208	FALSE
-0,128	0,275	-0,004	0,014	0,113	FALSE
-0,028	0,289	-0,003	0,010	0,108	FALSE
0,102	0,292	0,003	0,008	0,171	FALSE
-0,003	0,284	-0,002	0,014	0,041	FALSE
-0,120	0,279	-0,007	0,012	0,234	FALSE
-0,029	0,292	-0,002	0,011	0,080	FALSE
0,066	0,287	0,001	0,008	0,048	FALSE
-0,023	0,291	0,000	0,008	0,015	FALSE
0,072	0,282	0,001	0,008	0,036	FALSE
0,055	0,301	0,003	0,010	0,096	FALSE
-0,070	0,291	-0,002	0,008	0,099	FALSE
-0,035	0,302	0,000	0,009	0,017	FALSE
0,080	0,273	0,007	0,015	0,198	FALSE
0,021	0,287	0,000	0,010	0,001	FALSE
-0,176	0,283	-0,004	0,008	0,224	FALSE
-0,184	0,276	-0,004	0,013	0,138	FALSE
-0,058	0,289	-0,001	0,008	0,033	FALSE
-0,043	0,285	-0,001	0,014	0,037	FALSE
-0,137	0,288	-0,006	0,014	0,177	FALSE
-0,027	0,277	-0,001	0,008	0,045	FALSE
-0,056	0,291	-0,003	0,012	0,093	FALSE

-0,066	0,286	-0,003	0,010	0,128	FALSE
-0,102	0,293	-0,005	0,012	0,158	FALSE
-0,109	0,282	-0,002	0,008	0,086	FALSE
-0,058	0,288	-0,002	0,008	0,087	FALSE
-0,045	0,299	-0,002	0,009	0,065	FALSE
-0,047	0,284	0,000	0,010	0,014	FALSE
-0,049	0,290	0,000	0,011	0,004	FALSE
0,088	0,282	0,003	0,014	0,081	FALSE
0,022	0,294	0,001	0,013	0,026	FALSE
0,044	0,275	0,002	0,012	0,044	FALSE
-0,081	0,284	-0,002	0,014	0,057	FALSE
0,041	0,284	0,001	0,009	0,061	FALSE
-0,043	0,282	-0,002	0,012	0,050	FALSE
0,063	0,285	0,005	0,014	0,136	FALSE
-0,062	0,275	-0,004	0,013	0,133	FALSE
-0,220	0,279	-0,009	0,012	0,344	FALSE
-0,060	0,289	-0,002	0,010	0,085	FALSE
-0,020	0,287	0,002	0,010	0,059	FALSE
0,062	0,296	0,004	0,015	0,103	FALSE
0,082	0,295	0,002	0,009	0,100	FALSE
-0,052	0,284	-0,003	0,012	0,091	FALSE
-0,014	0,304	-0,001	0,014	0,019	FALSE
0,088	0,295	0,006	0,015	0,155	FALSE
0,100	0,291	0,006	0,014	0,166	FALSE
0,079	0,291	0,002	0,010	0,058	FALSE
0,120	0,282	0,004	0,008	0,195	FALSE
-0,217	0,263	-0,010	0,012	0,390	FALSE
0,179	0,277	0,006	0,011	0,218	FALSE
-0,181	0,275	-0,004	0,008	0,223	FALSE
0,165	0,298	0,007	0,015	0,215	FALSE
-0,007	0,280	0,000	0,014	0,012	FALSE
0,198	0,286	0,004	0,008	0,209	FALSE
0,052	0,290	0,002	0,014	0,047	FALSE
0,009	0,292	0,001	0,014	0,018	FALSE
-0,156	0,277	-0,003	0,009	0,138	FALSE
0,165	0,277	0,004	0,008	0,236	FALSE
0,093	0,291	0,003	0,009	0,122	FALSE
-0,068	0,276	-0,003	0,013	0,075	FALSE
0,115	0,292	0,005	0,014	0,143	FALSE
-0,073	0,287	-0,005	0,014	0,126	FALSE
-0,021	0,290	-0,001	0,010	0,036	FALSE
-0,130	0,294	-0,008	0,015	0,220	FALSE
-0,178	0,281	-0,005	0,008	0,244	FALSE
0,123	0,287	0,004	0,008	0,200	FALSE
-0,082	0,283	-0,001	0,007	0,030	FALSE
0,010	0,286	0,002	0,012	0,048	FALSE
0,060	0,309	0,003	0,011	0,107	FALSE
0,078	0,289	0,002	0,011	0,077	FALSE
0,079	0,284	0,002	0,011	0,078	FALSE
-0,051	0,300	-0,003	0,009	0,150	FALSE
-0,018	0,288	0,000	0,008	0,011	TRUE
-0,033	0,298	-0,001	0,008	0,034	FALSE
-0,036	0,296	-0,001	0,008	0,068	FALSE

-0,075	0,273	-0,003	0,007	0,138	FALSE
0,026	0,278	0,000	0,009	0,015	FALSE
0,018	0,278	-0,002	0,012	0,053	FALSE
0,027	0,270	-0,001	0,008	0,031	FALSE
-0,034	0,287	-0,002	0,010	0,074	FALSE
-0,046	0,294	-0,003	0,010	0,117	FALSE
-0,045	0,299	-0,003	0,009	0,114	FALSE
-0,062	0,291	-0,003	0,010	0,131	FALSE
0,057	0,297	0,002	0,008	0,088	FALSE
0,023	0,288	0,000	0,007	0,018	FALSE
0,031	0,295	0,001	0,012	0,021	FALSE
0,009	0,296	0,001	0,009	0,023	FALSE
0,021	0,285	0,000	0,008	0,003	FALSE
-0,151	0,285	-0,004	0,013	0,123	FALSE
-0,159	0,277	-0,004	0,014	0,118	FALSE
0,074	0,289	0,001	0,009	0,055	FALSE
0,056	0,301	0,004	0,013	0,127	FALSE
0,072	0,282	0,001	0,011	0,025	FALSE
0,002	0,283	-0,002	0,014	0,052	FALSE
-0,159	0,279	-0,007	0,009	0,331	FALSE
0,019	0,286	0,000	0,011	0,014	FALSE
-0,003	0,294	0,000	0,015	0,008	FALSE
-0,196	0,267	-0,005	0,010	0,192	FALSE
-0,003	0,284	-0,001	0,010	0,028	FALSE
-0,093	0,286	-0,003	0,013	0,102	FALSE
0,032	0,289	0,004	0,014	0,113	FALSE
-0,136	0,294	-0,009	0,015	0,243	FALSE
-0,120	0,282	-0,005	0,012	0,169	FALSE
0,074	0,285	0,000	0,009	0,005	FALSE
-0,104	0,282	-0,006	0,015	0,158	FALSE
-0,023	0,283	-0,001	0,015	0,019	FALSE
-0,107	0,286	-0,007	0,014	0,195	FALSE
0,032	0,272	0,001	0,015	0,021	FALSE
0,108	0,283	0,002	0,007	0,112	FALSE
-0,069	0,295	-0,002	0,010	0,086	FALSE
-0,057	0,289	-0,002	0,014	0,056	FALSE
-0,083	0,287	-0,002	0,008	0,075	FALSE
0,078	0,297	0,002	0,014	0,059	FALSE
0,087	0,287	0,003	0,009	0,147	FALSE
0,018	0,298	0,001	0,013	0,017	FALSE
0,083	0,289	0,004	0,014	0,099	FALSE
0,133	0,286	0,006	0,012	0,220	FALSE
-0,128	0,285	-0,003	0,008	0,116	FALSE
-0,088	0,278	-0,003	0,011	0,102	FALSE
-0,033	0,289	-0,002	0,009	0,094	FALSE
0,064	0,284	0,003	0,014	0,092	FALSE
0,145	0,296	0,006	0,015	0,163	FALSE
-0,105	0,276	-0,005	0,010	0,202	FALSE
0,046	0,285	0,001	0,009	0,059	FALSE
-0,121	0,279	-0,006	0,010	0,253	FALSE
0,157	0,278	0,003	0,010	0,112	FALSE
-0,135	0,282	-0,002	0,011	0,084	FALSE
-0,016	0,282	-0,001	0,009	0,052	FALSE

0,147	0,284	0,006	0,010	0,250	FALSE
0,027	0,281	0,000	0,008	0,019	FALSE
-0,100	0,293	-0,005	0,013	0,148	FALSE
0,072	0,292	0,002	0,008	0,067	FALSE
-0,114	0,285	-0,006	0,014	0,177	FALSE
-0,050	0,286	-0,003	0,013	0,098	FALSE
0,172	0,290	0,005	0,009	0,237	FALSE
0,077	0,284	0,003	0,010	0,123	FALSE
-0,035	0,293	-0,002	0,010	0,064	FALSE
0,027	0,277	0,003	0,014	0,069	FALSE
-0,043	0,277	-0,003	0,015	0,064	FALSE
0,093	0,288	0,004	0,010	0,147	FALSE
-0,137	0,266	-0,006	0,011	0,204	FALSE
-0,107	0,287	-0,004	0,010	0,154	FALSE
-0,081	0,293	-0,003	0,012	0,101	FALSE
0,167	0,284	0,005	0,010	0,204	FALSE
-0,079	0,289	-0,002	0,015	0,041	FALSE
-0,197	0,277	-0,007	0,014	0,189	FALSE
0,059	0,284	0,003	0,014	0,084	FALSE
0,050	0,278	0,001	0,013	0,028	FALSE
-0,152	0,286	-0,006	0,012	0,186	FALSE
0,085	0,292	0,003	0,014	0,078	FALSE
0,175	0,288	0,007	0,009	0,337	FALSE
0,167	0,271	0,006	0,010	0,271	FALSE
0,091	0,300	0,003	0,008	0,133	FALSE
-0,086	0,296	-0,002	0,010	0,070	FALSE
0,005	0,297	0,001	0,009	0,031	FALSE
-0,117	0,291	-0,006	0,012	0,196	FALSE
-0,056	0,301	-0,001	0,008	0,062	FALSE
0,037	0,291	0,002	0,009	0,074	FALSE
-0,020	0,295	-0,001	0,007	0,031	FALSE
0,054	0,267	0,001	0,011	0,018	FALSE
-0,109	0,273	-0,003	0,008	0,148	FALSE
0,073	0,284	0,001	0,014	0,021	FALSE
-0,182	0,278	-0,007	0,011	0,258	FALSE
-0,108	0,270	-0,002	0,014	0,040	FALSE
0,083	0,278	0,002	0,008	0,122	FALSE
-0,032	0,279	0,001	0,010	0,048	FALSE
-0,026	0,289	0,000	0,009	0,018	FALSE
-0,027	0,283	0,002	0,010	0,059	FALSE
0,023	0,288	0,002	0,010	0,064	FALSE
0,069	0,287	0,002	0,014	0,059	FALSE
-0,023	0,291	0,001	0,007	0,050	FALSE
-0,154	0,291	-0,004	0,008	0,206	FALSE
0,125	0,298	0,003	0,012	0,085	FALSE
0,183	0,295	0,005	0,007	0,326	FALSE
-0,022	0,304	-0,003	0,015	0,083	FALSE
-0,030	0,293	0,000	0,008	0,022	FALSE
-0,043	0,278	-0,001	0,011	0,034	FALSE
-0,060	0,296	0,000	0,008	0,021	FALSE
-0,079	0,292	-0,003	0,013	0,087	FALSE
-0,014	0,271	0,000	0,015	0,004	FALSE
0,130	0,299	0,004	0,012	0,144	FALSE

-0,075	0,289	-0,002	0,008	0,101	FALSE
-0,037	0,291	-0,003	0,010	0,102	FALSE
0,068	0,304	0,005	0,014	0,137	FALSE
-0,038	0,284	0,000	0,008	0,001	FALSE
0,000	0,277	0,001	0,007	0,044	FALSE
0,100	0,275	0,003	0,013	0,092	FALSE
0,098	0,304	0,003	0,014	0,092	FALSE
0,095	0,289	0,003	0,014	0,090	FALSE
-0,020	0,291	0,000	0,008	0,004	FALSE
-0,038	0,281	-0,003	0,014	0,077	FALSE
0,047	0,285	0,004	0,012	0,139	FALSE
-0,015	0,291	0,000	0,014	0,005	FALSE
-0,048	0,287	0,000	0,009	0,000	FALSE
-0,041	0,292	-0,001	0,011	0,029	FALSE
0,171	0,293	0,010	0,015	0,296	FALSE
0,067	0,298	0,001	0,008	0,053	FALSE
0,040	0,287	0,000	0,014	0,009	FALSE
-0,057	0,290	0,000	0,008	0,016	FALSE
-0,227	0,269	-0,005	0,007	0,308	FALSE
-0,007	0,296	-0,001	0,015	0,021	FALSE
-0,007	0,278	0,001	0,015	0,030	FALSE
0,003	0,280	0,002	0,014	0,044	FALSE
0,037	0,277	0,000	0,012	0,013	FALSE
-0,011	0,290	0,000	0,007	0,000	FALSE
-0,109	0,287	-0,004	0,010	0,194	FALSE
0,084	0,281	0,003	0,014	0,070	FALSE
-0,016	0,285	-0,001	0,008	0,067	FALSE
0,157	0,264	0,004	0,013	0,127	FALSE
0,093	0,308	0,002	0,008	0,118	FALSE
-0,005	0,300	0,000	0,015	0,004	FALSE
0,108	0,295	0,007	0,015	0,195	FALSE
0,078	0,285	0,002	0,008	0,091	FALSE
0,016	0,298	0,000	0,010	0,010	FALSE
-0,019	0,278	-0,003	0,012	0,093	FALSE
-0,023	0,286	0,000	0,009	0,009	FALSE
-0,116	0,276	-0,002	0,008	0,117	FALSE
0,004	0,294	-0,002	0,010	0,090	FALSE
0,059	0,264	-0,001	0,008	0,031	FALSE
-0,090	0,285	-0,002	0,013	0,068	FALSE
0,077	0,295	0,004	0,010	0,139	FALSE
0,031	0,292	0,002	0,010	0,077	FALSE
-0,056	0,290	-0,003	0,007	0,142	FALSE
0,058	0,275	0,002	0,010	0,073	FALSE
-0,037	0,294	0,000	0,009	0,018	FALSE
-0,019	0,271	0,002	0,015	0,054	FALSE
0,025	0,276	0,004	0,015	0,099	FALSE
-0,077	0,289	-0,003	0,010	0,120	FALSE
-0,098	0,289	-0,003	0,011	0,114	FALSE
-0,005	0,287	0,001	0,008	0,041	FALSE
-0,052	0,267	-0,002	0,010	0,064	FALSE
-0,061	0,283	-0,002	0,011	0,052	FALSE
-0,063	0,285	-0,002	0,011	0,053	FALSE
-0,124	0,268	-0,003	0,012	0,091	FALSE

0,016	0,269	0,002	0,013	0,059	FALSE
0,030	0,279	0,003	0,014	0,076	FALSE
-0,003	0,286	0,001	0,014	0,024	FALSE
-0,093	0,286	-0,002	0,008	0,075	FALSE
-0,054	0,269	-0,003	0,011	0,096	FALSE
-0,089	0,267	-0,003	0,011	0,096	FALSE
-0,037	0,287	-0,001	0,008	0,043	FALSE
0,030	0,285	0,001	0,010	0,018	FALSE
0,076	0,277	0,001	0,012	0,030	FALSE
0,076	0,279	0,001	0,012	0,035	FALSE
-0,111	0,265	-0,004	0,008	0,204	FALSE
-0,053	0,279	-0,002	0,008	0,104	FALSE
-0,046	0,302	-0,001	0,007	0,059	FALSE
0,000	0,285	0,000	0,007	0,025	FALSE
0,114	0,274	0,003	0,010	0,103	FALSE
0,168	0,282	0,004	0,009	0,163	FALSE
0,166	0,293	0,003	0,009	0,146	FALSE
0,067	0,288	0,006	0,015	0,169	FALSE
0,106	0,282	0,003	0,008	0,169	FALSE
-0,008	0,277	0,000	0,013	0,008	FALSE
-0,038	0,282	-0,003	0,013	0,071	FALSE
0,029	0,276	0,001	0,009	0,051	FALSE
0,018	0,277	0,001	0,009	0,028	FALSE
-0,072	0,277	-0,003	0,015	0,080	FALSE
-0,031	0,294	-0,002	0,013	0,055	FALSE
-0,024	0,285	-0,002	0,013	0,051	FALSE
0,005	0,288	0,000	0,013	0,001	FALSE
-0,058	0,303	-0,004	0,014	0,093	FALSE
0,044	0,282	0,001	0,009	0,048	FALSE
-0,011	0,285	0,001	0,008	0,025	FALSE
-0,042	0,297	-0,001	0,008	0,025	FALSE
-0,019	0,280	0,001	0,014	0,036	FALSE
0,022	0,282	0,001	0,008	0,037	FALSE
-0,134	0,280	-0,005	0,014	0,124	FALSE
-0,104	0,274	-0,003	0,007	0,140	FALSE
0,127	0,278	0,002	0,008	0,090	FALSE
0,007	0,281	0,001	0,009	0,021	FALSE
-0,088	0,289	-0,003	0,010	0,107	FALSE
0,071	0,287	0,002	0,011	0,067	FALSE
-0,030	0,287	-0,001	0,011	0,030	FALSE
-0,145	0,281	-0,005	0,015	0,119	FALSE
-0,034	0,300	-0,002	0,015	0,043	FALSE
-0,029	0,291	-0,003	0,014	0,088	FALSE
-0,001	0,284	-0,002	0,014	0,044	FALSE
-0,011	0,301	-0,003	0,015	0,063	FALSE
0,019	0,297	0,001	0,009	0,036	FALSE
0,066	0,292	0,002	0,010	0,094	FALSE
0,019	0,292	0,000	0,011	0,007	FALSE
0,042	0,295	0,001	0,013	0,033	FALSE
0,075	0,291	0,002	0,009	0,092	FALSE
0,063	0,278	0,003	0,013	0,080	FALSE
-0,100	0,286	-0,003	0,011	0,086	FALSE
0,062	0,284	0,002	0,009	0,096	FALSE

-0,058	0,287	-0,002	0,011	0,064	FALSE
0,133	0,279	0,006	0,015	0,167	FALSE
0,052	0,301	0,001	0,008	0,053	FALSE
0,128	0,287	0,002	0,008	0,094	FALSE
0,009	0,303	-0,001	0,015	0,027	FALSE
-0,123	0,288	-0,004	0,011	0,153	FALSE
0,005	0,281	0,001	0,008	0,023	FALSE
-0,017	0,296	-0,001	0,013	0,036	FALSE
-0,037	0,288	-0,002	0,014	0,064	FALSE
0,033	0,285	0,002	0,012	0,047	FALSE
-0,083	0,281	-0,004	0,014	0,115	FALSE
0,047	0,277	0,001	0,014	0,032	FALSE
-0,049	0,285	-0,004	0,010	0,150	FALSE
-0,148	0,297	-0,003	0,008	0,150	FALSE
0,142	0,283	0,002	0,008	0,087	FALSE
-0,008	0,285	0,002	0,013	0,056	FALSE
-0,108	0,266	-0,004	0,012	0,124	FALSE
-0,025	0,287	-0,004	0,012	0,122	FALSE
0,019	0,288	0,001	0,011	0,038	FALSE
-0,058	0,301	-0,003	0,011	0,092	FALSE
0,046	0,271	0,000	0,008	0,020	FALSE
0,081	0,295	0,001	0,010	0,044	FALSE
-0,090	0,274	-0,002	0,008	0,076	FALSE
0,045	0,279	0,000	0,011	0,002	FALSE
-0,009	0,288	-0,002	0,015	0,051	FALSE
-0,021	0,288	-0,002	0,014	0,052	FALSE
-0,016	0,296	0,001	0,011	0,044	FALSE
0,051	0,283	0,003	0,009	0,125	FALSE
-0,085	0,292	-0,002	0,012	0,061	FALSE
0,181	0,281	0,006	0,013	0,207	FALSE
-0,146	0,276	-0,004	0,011	0,131	FALSE
0,010	0,287	0,001	0,009	0,036	FALSE
-0,111	0,293	-0,003	0,009	0,133	FALSE
-0,073	0,287	0,000	0,009	0,019	FALSE
-0,085	0,288	-0,003	0,010	0,120	FALSE
-0,034	0,288	-0,001	0,009	0,053	FALSE
0,004	0,288	0,000	0,010	0,011	FALSE
0,025	0,283	0,002	0,015	0,060	FALSE
0,063	0,297	0,004	0,015	0,094	FALSE
-0,136	0,283	-0,003	0,008	0,132	FALSE
0,086	0,297	0,005	0,015	0,138	FALSE
0,075	0,277	0,003	0,011	0,100	FALSE
0,122	0,293	0,003	0,011	0,125	FALSE
-0,160	0,285	-0,005	0,011	0,159	FALSE
0,064	0,284	0,002	0,014	0,045	FALSE
0,052	0,279	0,002	0,013	0,062	FALSE
-0,178	0,297	-0,007	0,016	0,180	FALSE
-0,214	0,281	-0,010	0,015	0,294	FALSE
-0,085	0,255	-0,003	0,009	0,119	FALSE
0,164	0,276	0,003	0,008	0,131	FALSE
-0,016	0,282	-0,001	0,008	0,028	FALSE
0,009	0,294	-0,002	0,011	0,072	FALSE
-0,236	0,284	-0,006	0,009	0,307	FALSE

0,114	0,281	0,004	0,012	0,130	FALSE
0,005	0,286	0,000	0,014	0,007	FALSE
0,023	0,285	0,001	0,014	0,021	FALSE
0,000	0,303	-0,001	0,015	0,016	FALSE
0,046	0,290	0,000	0,008	0,001	FALSE
0,094	0,288	0,004	0,014	0,124	FALSE
0,048	0,288	0,002	0,015	0,053	FALSE
-0,125	0,278	-0,002	0,008	0,078	FALSE
-0,133	0,283	-0,002	0,008	0,086	FALSE
-0,119	0,286	-0,001	0,008	0,047	FALSE
-0,116	0,283	-0,005	0,013	0,164	FALSE
0,055	0,295	0,001	0,009	0,053	FALSE
0,050	0,296	0,002	0,008	0,093	FALSE
0,009	0,285	-0,001	0,012	0,019	FALSE
-0,064	0,283	-0,004	0,015	0,093	FALSE
-0,095	0,280	-0,005	0,015	0,121	FALSE
-0,039	0,294	-0,001	0,008	0,039	FALSE
-0,014	0,288	0,000	0,010	0,010	FALSE
0,036	0,283	0,000	0,008	0,004	FALSE
-0,056	0,298	-0,003	0,013	0,095	FALSE
0,088	0,288	0,002	0,009	0,077	FALSE
-0,120	0,277	-0,006	0,012	0,196	FALSE
-0,091	0,284	-0,005	0,012	0,165	FALSE
-0,085	0,280	-0,005	0,012	0,154	FALSE
-0,117	0,286	-0,006	0,012	0,216	FALSE
-0,006	0,291	0,001	0,007	0,038	FALSE
-0,093	0,290	-0,005	0,012	0,152	FALSE
-0,054	0,298	-0,004	0,013	0,113	FALSE
0,007	0,294	-0,001	0,012	0,037	FALSE
-0,138	0,287	-0,003	0,008	0,131	FALSE
0,024	0,283	0,004	0,015	0,104	FALSE
0,123	0,274	0,002	0,008	0,117	FALSE
0,069	0,280	0,002	0,008	0,101	FALSE
0,082	0,285	0,003	0,007	0,145	FALSE
-0,001	0,293	0,001	0,008	0,057	FALSE
0,175	0,281	0,005	0,010	0,224	FALSE
-0,101	0,285	-0,005	0,014	0,131	FALSE
0,090	0,290	0,002	0,008	0,091	FALSE
0,047	0,298	0,001	0,009	0,052	FALSE
-0,022	0,293	0,000	0,011	0,014	FALSE
0,094	0,284	0,002	0,009	0,083	FALSE
-0,115	0,275	-0,002	0,008	0,096	FALSE
-0,012	0,286	0,000	0,014	0,000	FALSE
-0,057	0,280	-0,002	0,010	0,084	FALSE
-0,181	0,278	-0,003	0,008	0,165	FALSE
-0,095	0,289	-0,001	0,010	0,046	FALSE
0,025	0,295	0,000	0,010	0,003	FALSE
0,043	0,283	0,004	0,010	0,159	FALSE
0,184	0,275	0,003	0,011	0,093	FALSE
0,104	0,291	0,005	0,014	0,140	FALSE
-0,158	0,276	-0,005	0,008	0,267	FALSE
-0,150	0,272	-0,004	0,008	0,216	FALSE
-0,156	0,291	-0,005	0,009	0,241	FALSE

-0,159	0,264	-0,004	0,008	0,243	FALSE
-0,168	0,284	-0,005	0,008	0,239	FALSE
-0,149	0,290	-0,004	0,008	0,208	FALSE
-0,145	0,300	-0,004	0,009	0,184	FALSE
-0,138	0,280	-0,004	0,008	0,204	FALSE
-0,138	0,293	-0,004	0,008	0,185	FALSE
-0,143	0,278	-0,004	0,008	0,195	FALSE
-0,160	0,276	-0,005	0,008	0,243	FALSE
-0,141	0,271	-0,004	0,008	0,224	FALSE
-0,154	0,267	-0,004	0,008	0,223	FALSE
0,009	0,287	0,001	0,014	0,016	FALSE
-0,137	0,285	-0,004	0,010	0,159	FALSE
0,116	0,296	0,002	0,008	0,112	FALSE
-0,205	0,265	-0,006	0,009	0,304	FALSE
-0,212	0,276	-0,005	0,009	0,252	FALSE
-0,082	0,269	-0,005	0,012	0,155	FALSE
0,170	0,279	0,004	0,011	0,170	FALSE
0,053	0,285	0,001	0,010	0,041	FALSE
-0,073	0,265	-0,003	0,010	0,103	FALSE
-0,066	0,269	-0,003	0,010	0,101	FALSE
-0,185	0,295	-0,009	0,013	0,315	FALSE
0,105	0,285	0,002	0,011	0,071	FALSE
0,037	0,288	0,001	0,008	0,038	FALSE
-0,177	0,294	-0,004	0,008	0,210	FALSE
-0,017	0,290	0,001	0,012	0,026	FALSE
-0,160	0,294	-0,006	0,012	0,230	FALSE
0,003	0,301	0,001	0,013	0,015	FALSE
-0,100	0,291	-0,002	0,008	0,085	FALSE
0,012	0,283	0,001	0,008	0,028	FALSE
-0,071	0,285	-0,002	0,012	0,064	FALSE
0,069	0,301	0,002	0,009	0,111	FALSE
-0,069	0,279	-0,002	0,011	0,054	FALSE
-0,053	0,296	-0,001	0,012	0,036	FALSE
0,065	0,288	0,002	0,013	0,054	FALSE
0,179	0,279	0,004	0,008	0,235	FALSE
0,069	0,272	0,001	0,007	0,033	FALSE
0,002	0,276	0,000	0,007	0,007	FALSE
-0,162	0,262	-0,006	0,013	0,184	FALSE
-0,108	0,283	-0,003	0,014	0,084	FALSE
0,080	0,291	0,001	0,009	0,054	FALSE
-0,014	0,288	0,000	0,012	0,009	FALSE
-0,094	0,278	-0,002	0,007	0,122	FALSE
0,123	0,281	0,003	0,011	0,107	FALSE
0,145	0,293	0,004	0,010	0,166	FALSE
-0,024	0,283	0,000	0,009	0,007	FALSE
0,058	0,293	0,003	0,012	0,094	FALSE
-0,059	0,297	-0,004	0,013	0,118	FALSE
-0,005	0,284	-0,001	0,008	0,035	FALSE
0,041	0,294	0,001	0,012	0,016	FALSE
-0,087	0,285	-0,003	0,012	0,093	FALSE
-0,185	0,279	-0,005	0,011	0,169	FALSE
-0,067	0,277	-0,002	0,012	0,062	FALSE
-0,064	0,268	-0,001	0,011	0,047	FALSE

-0,135	0,288	-0,003	0,007	0,149	FALSE
0,118	0,286	0,003	0,008	0,171	FALSE
0,133	0,278	0,008	0,014	0,245	FALSE
0,111	0,280	0,001	0,009	0,032	FALSE
0,101	0,293	0,002	0,008	0,119	FALSE
0,114	0,273	0,002	0,008	0,088	FALSE
-0,038	0,297	0,000	0,010	0,016	FALSE
-0,007	0,290	0,001	0,012	0,043	FALSE
0,060	0,285	0,001	0,010	0,051	FALSE
0,096	0,281	0,006	0,014	0,167	FALSE
-0,013	0,278	0,003	0,012	0,102	FALSE
-0,104	0,275	-0,002	0,012	0,071	FALSE
-0,023	0,289	-0,002	0,011	0,054	FALSE
0,061	0,294	0,000	0,014	0,012	FALSE
0,105	0,277	0,001	0,008	0,061	FALSE
-0,062	0,287	0,001	0,015	0,018	FALSE
0,025	0,292	0,001	0,008	0,028	FALSE
-0,064	0,285	-0,002	0,013	0,066	FALSE
0,036	0,290	0,002	0,008	0,094	FALSE
-0,109	0,278	-0,002	0,008	0,085	FALSE
-0,113	0,292	-0,002	0,010	0,078	FALSE
0,096	0,266	0,003	0,007	0,149	FALSE
-0,003	0,300	-0,001	0,009	0,053	FALSE
-0,065	0,291	-0,004	0,012	0,124	FALSE
-0,029	0,280	0,001	0,013	0,030	FALSE
-0,109	0,276	-0,004	0,013	0,120	FALSE
0,100	0,275	0,002	0,012	0,052	FALSE
-0,032	0,269	-0,002	0,009	0,079	FALSE
0,115	0,281	0,001	0,011	0,045	FALSE
-0,037	0,294	-0,004	0,015	0,109	FALSE
0,135	0,287	0,005	0,015	0,145	FALSE
-0,024	0,296	0,000	0,009	0,020	FALSE
0,029	0,296	0,000	0,007	0,008	FALSE
0,008	0,274	-0,001	0,013	0,032	FALSE
0,082	0,271	0,004	0,011	0,122	FALSE
0,027	0,287	0,003	0,014	0,070	FALSE
-0,092	0,296	-0,002	0,011	0,065	FALSE
0,064	0,279	0,002	0,011	0,070	FALSE
-0,143	0,282	-0,004	0,007	0,220	FALSE
-0,071	0,271	-0,003	0,010	0,130	FALSE
0,028	0,297	0,000	0,010	0,018	FALSE
0,105	0,295	0,003	0,008	0,184	FALSE
0,083	0,287	0,006	0,015	0,175	FALSE
0,008	0,276	0,001	0,007	0,049	FALSE
-0,098	0,279	-0,002	0,008	0,095	FALSE
0,017	0,289	0,001	0,009	0,022	FALSE
-0,025	0,293	0,000	0,014	0,011	FALSE
0,121	0,283	0,006	0,013	0,189	FALSE
-0,017	0,284	0,000	0,014	0,003	FALSE
-0,077	0,288	-0,002	0,011	0,077	FALSE
-0,226	0,285	-0,011	0,015	0,317	FALSE
-0,019	0,297	-0,001	0,008	0,063	FALSE
0,136	0,285	0,003	0,011	0,105	FALSE

0,125	0,271	0,003	0,011	0,102	FALSE
0,031	0,288	0,001	0,007	0,045	FALSE
-0,014	0,295	-0,001	0,009	0,056	FALSE
-0,042	0,279	-0,002	0,008	0,094	FALSE
-0,021	0,282	-0,001	0,009	0,042	FALSE
-0,014	0,277	-0,001	0,008	0,049	FALSE
-0,079	0,291	0,000	0,008	0,010	FALSE
-0,036	0,281	-0,003	0,012	0,105	FALSE
-0,047	0,281	-0,002	0,010	0,088	FALSE
-0,083	0,297	-0,001	0,012	0,018	FALSE
-0,138	0,291	-0,005	0,011	0,180	FALSE
0,111	0,289	0,003	0,008	0,158	FALSE
-0,012	0,290	-0,001	0,009	0,044	FALSE
-0,033	0,290	0,000	0,013	0,010	FALSE
-0,070	0,279	-0,002	0,013	0,042	FALSE
0,043	0,282	0,000	0,015	0,004	FALSE
-0,073	0,274	0,000	0,014	0,005	FALSE
-0,088	0,275	-0,001	0,014	0,033	FALSE
0,086	0,289	0,006	0,014	0,191	FALSE
0,141	0,288	0,004	0,012	0,144	FALSE
-0,034	0,277	-0,002	0,008	0,092	FALSE
-0,027	0,298	-0,002	0,008	0,081	FALSE
-0,010	0,283	-0,001	0,007	0,064	FALSE
0,102	0,272	0,001	0,007	0,053	FALSE
-0,039	0,275	0,000	0,008	0,020	FALSE
0,170	0,284	0,006	0,015	0,166	FALSE
0,100	0,288	0,004	0,011	0,168	FALSE
-0,038	0,277	-0,001	0,009	0,037	FALSE
0,001	0,284	0,000	0,011	0,011	FALSE
-0,081	0,290	-0,002	0,015	0,051	FALSE
0,041	0,295	0,002	0,011	0,077	FALSE
0,082	0,294	0,003	0,010	0,113	FALSE
-0,037	0,295	0,000	0,008	0,008	FALSE
-0,052	0,281	-0,003	0,010	0,113	FALSE
-0,085	0,284	-0,003	0,008	0,151	FALSE
-0,007	0,274	0,000	0,007	0,007	FALSE
-0,126	0,290	-0,005	0,012	0,159	FALSE
0,019	0,294	0,001	0,013	0,015	FALSE
0,090	0,304	0,003	0,015	0,074	FALSE
-0,049	0,300	-0,003	0,014	0,074	FALSE
0,072	0,286	0,003	0,007	0,175	FALSE
0,147	0,286	0,003	0,009	0,129	FALSE
-0,063	0,283	-0,001	0,011	0,033	FALSE
0,079	0,297	0,003	0,013	0,090	FALSE
0,161	0,281	0,003	0,009	0,160	FALSE
-0,046	0,300	-0,001	0,015	0,032	FALSE
0,047	0,294	0,003	0,009	0,115	FALSE
0,048	0,287	-0,001	0,009	0,025	FALSE
-0,020	0,286	0,000	0,013	0,005	FALSE
-0,022	0,275	0,000	0,014	0,003	FALSE
0,089	0,266	0,001	0,007	0,065	FALSE
-0,012	0,287	0,000	0,013	0,013	FALSE
-0,057	0,286	-0,001	0,009	0,040	FALSE

-0,104	0,284	-0,003	0,007	0,163	FALSE
-0,013	0,286	0,001	0,011	0,039	FALSE
0,008	0,297	0,001	0,009	0,029	FALSE
-0,041	0,279	-0,003	0,011	0,109	FALSE
-0,137	0,285	-0,003	0,014	0,091	FALSE
-0,142	0,281	-0,004	0,014	0,126	FALSE
0,010	0,295	-0,001	0,009	0,019	FALSE
-0,200	0,281	-0,007	0,014	0,211	FALSE
-0,005	0,298	0,000	0,009	0,010	FALSE
0,158	0,281	0,004	0,011	0,158	FALSE
0,124	0,278	0,002	0,013	0,056	FALSE
-0,074	0,290	-0,002	0,008	0,076	FALSE
0,005	0,262	-0,004	0,013	0,106	FALSE
-0,011	0,296	-0,001	0,011	0,034	FALSE
-0,092	0,277	-0,004	0,011	0,131	FALSE
-0,084	0,284	-0,004	0,010	0,137	FALSE
-0,019	0,284	-0,002	0,009	0,105	FALSE
0,123	0,281	0,003	0,008	0,180	FALSE
0,152	0,289	0,004	0,013	0,126	FALSE
-0,006	0,290	0,001	0,015	0,025	FALSE
-0,011	0,290	0,001	0,009	0,040	FALSE
0,039	0,293	0,001	0,009	0,043	FALSE
-0,044	0,296	-0,003	0,015	0,078	FALSE
0,204	0,278	0,005	0,007	0,295	FALSE
0,216	0,286	0,005	0,007	0,304	FALSE
0,010	0,285	-0,001	0,012	0,019	FALSE
0,061	0,271	0,002	0,009	0,091	FALSE
-0,046	0,295	-0,003	0,014	0,074	FALSE
-0,055	0,276	-0,001	0,011	0,039	FALSE
-0,086	0,291	-0,003	0,011	0,086	FALSE
0,085	0,299	0,005	0,010	0,206	FALSE
0,019	0,289	0,001	0,011	0,031	FALSE
0,004	0,284	0,000	0,011	0,003	FALSE
0,092	0,289	0,003	0,014	0,072	FALSE
0,125	0,277	0,004	0,011	0,165	FALSE
0,012	0,298	0,000	0,008	0,019	FALSE
0,116	0,288	0,005	0,013	0,164	FALSE
-0,096	0,279	-0,004	0,008	0,184	FALSE
0,066	0,296	0,005	0,014	0,142	FALSE
-0,008	0,296	0,000	0,014	0,003	FALSE
-0,102	0,276	-0,002	0,015	0,055	FALSE
0,001	0,283	0,000	0,015	0,009	FALSE
-0,242	0,262	-0,007	0,009	0,357	FALSE
-0,069	0,290	-0,002	0,008	0,082	FALSE
0,064	0,295	0,003	0,013	0,087	FALSE
-0,037	0,282	0,000	0,008	0,011	FALSE
0,008	0,290	0,002	0,012	0,058	FALSE
-0,132	0,280	-0,003	0,015	0,077	FALSE
-0,056	0,287	-0,002	0,009	0,062	FALSE
-0,027	0,282	-0,002	0,015	0,038	FALSE
0,028	0,277	0,004	0,015	0,099	FALSE
0,062	0,294	0,002	0,009	0,102	FALSE
0,071	0,289	0,001	0,012	0,045	FALSE

0,052	0,273	0,001	0,011	0,024	FALSE
0,027	0,275	0,001	0,012	0,018	FALSE
0,180	0,271	0,007	0,011	0,288	FALSE
-0,031	0,299	0,000	0,008	0,010	FALSE
-0,196	0,285	-0,004	0,009	0,183	FALSE
0,093	0,291	0,004	0,015	0,099	FALSE
-0,012	0,294	0,002	0,013	0,046	FALSE
0,030	0,282	-0,001	0,012	0,030	FALSE
-0,135	0,277	-0,001	0,012	0,028	FALSE
-0,097	0,278	-0,001	0,008	0,042	FALSE
0,023	0,288	-0,002	0,013	0,054	FALSE
0,113	0,291	0,002	0,008	0,077	FALSE
-0,112	0,269	-0,002	0,014	0,052	FALSE
-0,124	0,276	-0,004	0,012	0,124	FALSE
-0,103	0,282	-0,007	0,013	0,216	FALSE
0,097	0,289	0,004	0,010	0,156	FALSE
-0,019	0,269	-0,002	0,011	0,055	FALSE
-0,088	0,292	-0,003	0,014	0,087	FALSE
-0,093	0,288	-0,004	0,014	0,113	FALSE
0,099	0,286	0,001	0,010	0,054	FALSE
-0,051	0,293	-0,001	0,009	0,027	FALSE
0,098	0,289	0,001	0,010	0,041	FALSE
0,090	0,280	0,001	0,010	0,055	FALSE
-0,054	0,303	-0,002	0,014	0,055	FALSE
-0,051	0,288	-0,003	0,013	0,070	FALSE
-0,004	0,308	-0,001	0,016	0,033	FALSE
0,031	0,290	0,000	0,010	0,013	FALSE
0,051	0,300	0,001	0,016	0,033	FALSE
0,031	0,291	0,003	0,015	0,087	FALSE
0,111	0,292	0,005	0,010	0,197	FALSE
0,070	0,290	0,003	0,015	0,075	FALSE
0,247	0,279	0,006	0,010	0,274	FALSE
-0,102	0,296	-0,003	0,010	0,131	FALSE
0,128	0,287	0,006	0,009	0,303	FALSE
0,006	0,289	0,002	0,011	0,050	FALSE
-0,131	0,286	-0,003	0,010	0,117	FALSE
-0,071	0,292	-0,001	0,009	0,062	FALSE
-0,059	0,293	-0,001	0,009	0,039	FALSE
-0,120	0,275	-0,004	0,010	0,183	FALSE
0,007	0,297	0,000	0,011	0,007	FALSE
-0,035	0,296	-0,001	0,013	0,027	FALSE
-0,006	0,276	-0,001	0,011	0,046	FALSE
-0,018	0,257	-0,001	0,014	0,034	FALSE
0,021	0,279	0,000	0,008	0,018	FALSE
-0,061	0,281	-0,003	0,011	0,089	FALSE
0,080	0,296	0,002	0,013	0,058	FALSE
-0,073	0,284	-0,001	0,015	0,020	FALSE
-0,013	0,286	-0,001	0,014	0,031	FALSE
0,027	0,296	0,002	0,015	0,056	FALSE
-0,091	0,287	-0,002	0,012	0,060	FALSE
-0,028	0,294	-0,002	0,015	0,049	FALSE
-0,083	0,286	0,000	0,008	0,013	FALSE
-0,138	0,287	-0,002	0,007	0,114	FALSE

-0,012	0,286	0,001	0,010	0,053	FALSE
0,232	0,261	0,009	0,011	0,354	FALSE
-0,032	0,302	-0,002	0,015	0,041	FALSE
-0,018	0,304	-0,001	0,012	0,024	FALSE
0,025	0,274	0,002	0,011	0,071	FALSE
-0,073	0,278	-0,004	0,014	0,112	FALSE
0,031	0,284	0,000	0,009	0,007	FALSE
0,057	0,278	0,001	0,008	0,048	FALSE
0,016	0,282	0,000	0,008	0,017	FALSE
0,044	0,281	0,000	0,008	0,006	FALSE
0,063	0,280	0,003	0,011	0,106	FALSE
-0,107	0,289	-0,001	0,008	0,069	FALSE
-0,017	0,287	0,002	0,015	0,057	FALSE
0,060	0,275	-0,001	0,011	0,023	FALSE
-0,016	0,296	-0,002	0,011	0,072	FALSE
-0,148	0,290	-0,008	0,015	0,225	FALSE
0,084	0,281	0,001	0,008	0,056	FALSE
-0,146	0,271	-0,004	0,008	0,243	FALSE
0,035	0,289	0,002	0,012	0,071	FALSE
0,125	0,290	0,003	0,011	0,124	FALSE
-0,036	0,287	-0,001	0,008	0,033	FALSE
-0,132	0,288	-0,004	0,009	0,207	FALSE
-0,058	0,295	-0,002	0,008	0,072	FALSE
-0,048	0,281	-0,001	0,007	0,064	FALSE
-0,084	0,293	-0,002	0,008	0,106	FALSE
0,118	0,283	0,004	0,014	0,109	FALSE
-0,009	0,282	0,002	0,012	0,065	FALSE
-0,069	0,290	-0,002	0,008	0,079	FALSE
0,032	0,283	0,003	0,010	0,103	FALSE
0,015	0,285	0,002	0,010	0,089	FALSE
0,128	0,302	0,005	0,015	0,143	FALSE
0,297	0,262	0,018	0,015	0,617	FALSE
0,231	0,276	0,005	0,007	0,307	FALSE
-0,059	0,263	-0,005	0,013	0,159	FALSE
-0,136	0,275	-0,009	0,014	0,272	FALSE
0,099	0,289	0,003	0,012	0,091	FALSE
0,028	0,285	0,000	0,014	0,007	FALSE
0,026	0,291	0,001	0,010	0,037	FALSE
-0,008	0,293	0,000	0,009	0,010	FALSE
-0,063	0,290	-0,003	0,014	0,085	FALSE
0,076	0,277	0,004	0,013	0,115	FALSE
-0,075	0,287	-0,001	0,009	0,049	FALSE
-0,077	0,281	-0,007	0,014	0,209	FALSE
0,014	0,273	0,005	0,014	0,129	FALSE
0,073	0,293	0,002	0,008	0,095	FALSE
0,112	0,280	0,005	0,011	0,194	FALSE
0,000	0,280	0,000	0,011	0,002	FALSE
-0,030	0,277	0,000	0,009	0,010	FALSE
-0,156	0,288	-0,006	0,010	0,234	FALSE
0,002	0,296	0,000	0,008	0,007	FALSE
-0,047	0,285	-0,002	0,008	0,110	FALSE
0,163	0,286	0,006	0,014	0,183	FALSE
0,126	0,286	0,007	0,015	0,194	FALSE

-0,053	0,287	-0,003	0,012	0,095	FALSE
0,050	0,288	0,001	0,007	0,050	FALSE
0,049	0,292	0,004	0,014	0,097	FALSE
-0,020	0,284	-0,001	0,009	0,039	FALSE
0,128	0,289	0,003	0,009	0,143	FALSE
-0,036	0,290	0,000	0,008	0,008	FALSE
0,028	0,281	0,000	0,012	0,005	FALSE
0,063	0,265	0,001	0,008	0,053	FALSE
-0,072	0,291	-0,001	0,012	0,034	FALSE
-0,093	0,275	-0,003	0,008	0,129	FALSE
-0,031	0,265	0,000	0,008	0,017	FALSE
-0,045	0,279	-0,001	0,008	0,052	FALSE
-0,047	0,285	-0,003	0,013	0,085	FALSE
0,163	0,289	0,004	0,009	0,200	FALSE
0,172	0,288	0,007	0,013	0,222	FALSE
0,137	0,295	0,005	0,013	0,150	FALSE
0,150	0,286	0,006	0,013	0,193	FALSE
0,150	0,286	0,006	0,013	0,184	FALSE
0,128	0,295	0,005	0,013	0,136	FALSE
-0,047	0,292	-0,001	0,010	0,033	FALSE
-0,023	0,289	-0,001	0,014	0,037	FALSE
0,045	0,284	0,000	0,013	0,005	FALSE
-0,001	0,290	-0,001	0,015	0,014	FALSE
-0,044	0,293	-0,002	0,012	0,056	FALSE
0,096	0,288	0,003	0,014	0,075	FALSE
0,172	0,278	0,006	0,009	0,293	FALSE
0,129	0,284	0,005	0,010	0,229	FALSE
-0,011	0,287	0,001	0,009	0,053	FALSE
-0,014	0,284	0,001	0,008	0,045	FALSE
-0,018	0,282	0,000	0,009	0,007	FALSE
-0,014	0,287	-0,001	0,013	0,016	FALSE
-0,182	0,293	-0,009	0,015	0,245	FALSE
0,013	0,277	0,001	0,008	0,037	FALSE
-0,123	0,286	-0,003	0,014	0,079	FALSE
-0,140	0,281	-0,004	0,014	0,102	FALSE
-0,227	0,282	-0,008	0,014	0,259	FALSE
-0,225	0,274	-0,008	0,013	0,255	FALSE
-0,160	0,275	-0,005	0,011	0,175	FALSE
-0,104	0,294	-0,003	0,009	0,125	FALSE
0,073	0,278	0,001	0,011	0,023	FALSE
0,107	0,290	0,003	0,014	0,080	FALSE
-0,155	0,279	-0,007	0,014	0,208	FALSE
-0,097	0,286	-0,005	0,013	0,143	FALSE
-0,052	0,298	-0,002	0,014	0,055	FALSE
0,065	0,284	0,003	0,015	0,068	FALSE
-0,009	0,285	-0,001	0,015	0,035	FALSE
0,061	0,289	0,001	0,008	0,037	FALSE
0,071	0,286	0,005	0,014	0,144	FALSE
-0,064	0,288	-0,001	0,008	0,034	FALSE
-0,120	0,283	-0,003	0,012	0,102	FALSE
-0,139	0,289	-0,004	0,008	0,209	FALSE
0,025	0,293	-0,001	0,010	0,030	FALSE
-0,056	0,293	-0,004	0,013	0,103	FALSE

0,024	0,283	0,002	0,010	0,080	FALSE
-0,078	0,289	-0,001	0,015	0,026	FALSE
0,052	0,296	0,000	0,010	0,013	FALSE
-0,010	0,288	0,000	0,008	0,022	FALSE
0,042	0,300	0,003	0,015	0,068	FALSE
0,047	0,278	0,002	0,014	0,044	FALSE
0,090	0,283	0,004	0,010	0,171	FALSE
-0,157	0,282	-0,004	0,008	0,206	FALSE
0,042	0,272	0,000	0,009	0,009	FALSE
-0,161	0,290	-0,003	0,008	0,146	FALSE
-0,013	0,298	0,001	0,009	0,051	FALSE
-0,057	0,287	-0,002	0,009	0,084	FALSE
0,051	0,299	0,003	0,016	0,066	FALSE
-0,018	0,292	-0,003	0,014	0,070	FALSE
0,081	0,290	0,001	0,013	0,028	FALSE
-0,155	0,284	-0,006	0,013	0,176	FALSE
0,139	0,290	0,005	0,011	0,202	FALSE
-0,134	0,266	-0,004	0,012	0,127	FALSE
-0,045	0,284	-0,001	0,009	0,041	FALSE
0,052	0,286	0,000	0,009	0,007	FALSE
-0,027	0,287	0,000	0,008	0,019	FALSE
0,149	0,283	0,009	0,015	0,272	FALSE
-0,080	0,293	-0,003	0,009	0,114	FALSE
-0,037	0,276	-0,002	0,007	0,077	FALSE
0,094	0,291	0,003	0,012	0,095	FALSE
-0,070	0,283	-0,004	0,012	0,119	FALSE
0,030	0,293	0,001	0,008	0,028	FALSE
0,044	0,291	0,001	0,009	0,046	FALSE
0,023	0,265	-0,001	0,010	0,043	FALSE
0,091	0,294	0,003	0,013	0,097	FALSE
0,004	0,281	-0,001	0,009	0,060	FALSE
0,041	0,291	0,001	0,013	0,029	FALSE
0,047	0,281	0,002	0,013	0,052	FALSE
0,112	0,294	0,005	0,013	0,137	FALSE
-0,044	0,286	0,000	0,012	0,011	FALSE
-0,158	0,297	-0,009	0,014	0,302	FALSE
0,122	0,267	0,004	0,010	0,169	FALSE
-0,058	0,293	-0,003	0,012	0,086	FALSE
0,160	0,286	0,006	0,015	0,152	FALSE
0,063	0,295	0,003	0,012	0,085	FALSE
-0,071	0,277	-0,001	0,011	0,046	FALSE
0,040	0,297	0,001	0,007	0,065	FALSE
0,147	0,293	0,003	0,009	0,143	FALSE
0,040	0,290	0,001	0,009	0,025	FALSE
0,041	0,287	0,003	0,014	0,068	FALSE
0,001	0,285	-0,002	0,010	0,080	FALSE
0,014	0,289	0,000	0,014	0,005	FALSE
-0,106	0,296	-0,003	0,013	0,097	FALSE
0,047	0,282	0,003	0,011	0,097	FALSE
0,124	0,292	0,006	0,011	0,227	FALSE
-0,242	0,269	-0,007	0,010	0,291	TRUE
-0,096	0,271	-0,004	0,009	0,172	FALSE
0,092	0,301	0,002	0,008	0,085	FALSE

0,091	0,288	0,004	0,015	0,095	FALSE
0,050	0,305	0,004	0,015	0,110	FALSE
0,049	0,291	0,002	0,009	0,073	FALSE
-0,067	0,284	0,000	0,009	0,011	FALSE
-0,097	0,283	-0,001	0,009	0,030	FALSE
-0,158	0,279	-0,006	0,015	0,168	FALSE
-0,032	0,289	-0,001	0,014	0,020	FALSE
-0,233	0,290	-0,007	0,011	0,276	FALSE
-0,025	0,286	-0,001	0,008	0,060	FALSE
-0,022	0,295	-0,001	0,013	0,041	FALSE
0,092	0,290	0,001	0,015	0,033	FALSE
-0,074	0,284	-0,002	0,015	0,040	FALSE
-0,065	0,292	0,000	0,009	0,015	FALSE
0,087	0,292	0,004	0,011	0,141	FALSE
-0,090	0,279	-0,002	0,008	0,101	FALSE
-0,095	0,286	-0,002	0,008	0,084	FALSE
-0,108	0,290	-0,006	0,014	0,171	FALSE
0,032	0,278	0,006	0,014	0,178	FALSE
-0,032	0,313	-0,002	0,014	0,063	FALSE
0,012	0,301	-0,001	0,009	0,033	FALSE
0,072	0,284	0,003	0,012	0,093	FALSE
0,019	0,271	0,002	0,012	0,046	FALSE
-0,016	0,292	0,000	0,014	0,001	FALSE
0,131	0,283	0,005	0,014	0,132	FALSE
0,118	0,289	0,004	0,013	0,106	FALSE
-0,017	0,282	0,000	0,015	0,001	FALSE
0,047	0,278	0,004	0,013	0,115	FALSE
0,030	0,288	0,001	0,011	0,038	FALSE
-0,149	0,280	-0,002	0,008	0,115	FALSE
-0,215	0,271	-0,005	0,008	0,295	FALSE
-0,046	0,291	-0,001	0,012	0,041	FALSE
-0,038	0,289	-0,001	0,013	0,033	FALSE
0,014	0,291	0,000	0,011	0,016	FALSE
0,075	0,279	0,002	0,008	0,094	FALSE
0,050	0,279	0,000	0,008	0,010	FALSE
0,062	0,304	0,002	0,013	0,068	FALSE
0,093	0,291	0,003	0,008	0,152	FALSE
0,105	0,284	0,004	0,009	0,165	FALSE
0,110	0,292	0,004	0,012	0,126	FALSE
0,137	0,281	0,003	0,008	0,130	FALSE
0,021	0,292	0,001	0,015	0,036	FALSE
-0,018	0,301	0,000	0,009	0,005	FALSE
-0,062	0,285	-0,002	0,008	0,084	FALSE
-0,107	0,281	-0,002	0,007	0,132	FALSE
-0,091	0,272	-0,002	0,012	0,050	FALSE
0,082	0,280	0,001	0,009	0,047	FALSE
0,175	0,274	0,004	0,010	0,154	FALSE
0,028	0,289	0,002	0,012	0,048	FALSE
-0,015	0,266	-0,001	0,008	0,059	FALSE
-0,110	0,286	-0,008	0,015	0,236	FALSE
-0,100	0,281	-0,007	0,015	0,198	FALSE
0,068	0,277	0,003	0,014	0,088	FALSE
0,203	0,258	0,009	0,012	0,342	FALSE

-0,061	0,291	-0,002	0,014	0,047	FALSE
-0,077	0,293	-0,003	0,014	0,085	FALSE
0,260	0,272	0,006	0,008	0,310	FALSE
0,068	0,279	0,002	0,012	0,046	FALSE
0,146	0,275	0,009	0,014	0,272	FALSE
0,164	0,285	0,010	0,015	0,280	FALSE
0,191	0,273	0,011	0,015	0,364	FALSE
0,126	0,285	0,008	0,015	0,234	FALSE
-0,099	0,294	-0,002	0,009	0,106	FALSE
-0,048	0,290	0,000	0,008	0,014	FALSE
0,006	0,281	0,001	0,009	0,020	FALSE
-0,109	0,295	-0,007	0,013	0,222	FALSE
-0,057	0,279	-0,003	0,013	0,096	FALSE
0,102	0,280	0,006	0,012	0,201	FALSE
0,191	0,278	0,007	0,009	0,312	FALSE
-0,152	0,283	-0,003	0,011	0,119	FALSE
0,050	0,277	0,001	0,013	0,023	FALSE
-0,036	0,284	-0,002	0,012	0,045	FALSE
0,002	0,282	-0,003	0,013	0,085	FALSE
-0,127	0,286	-0,005	0,009	0,231	FALSE
-0,157	0,280	-0,005	0,010	0,198	FALSE
0,047	0,280	0,002	0,010	0,064	FALSE
-0,072	0,290	-0,002	0,009	0,079	FALSE
-0,040	0,287	0,000	0,008	0,005	FALSE
-0,035	0,288	-0,002	0,010	0,070	FALSE
0,044	0,288	0,002	0,009	0,080	FALSE
0,197	0,279	0,006	0,008	0,340	FALSE
-0,053	0,289	-0,001	0,013	0,020	FALSE
-0,108	0,292	-0,003	0,008	0,149	FALSE
-0,084	0,290	-0,004	0,015	0,106	FALSE
-0,118	0,272	-0,003	0,007	0,168	FALSE
-0,008	0,291	-0,001	0,010	0,031	FALSE
-0,091	0,273	-0,002	0,008	0,114	FALSE
-0,209	0,281	-0,010	0,013	0,341	FALSE
0,159	0,284	0,005	0,008	0,246	FALSE
-0,103	0,289	-0,002	0,008	0,088	FALSE
0,106	0,285	0,004	0,012	0,118	FALSE
0,110	0,297	0,002	0,010	0,070	FALSE
0,028	0,292	0,001	0,009	0,021	FALSE
0,003	0,282	0,001	0,008	0,038	FALSE
-0,210	0,276	-0,005	0,007	0,307	FALSE
0,103	0,282	0,003	0,009	0,130	FALSE
0,053	0,288	0,000	0,012	0,002	FALSE
0,062	0,297	0,001	0,014	0,022	FALSE
0,104	0,274	0,002	0,008	0,106	FALSE
0,078	0,288	0,002	0,010	0,067	FALSE
-0,014	0,271	0,000	0,008	0,004	FALSE
0,043	0,294	0,002	0,008	0,102	FALSE
0,004	0,289	0,000	0,009	0,017	FALSE
0,021	0,281	-0,001	0,010	0,021	FALSE
0,004	0,275	0,001	0,014	0,039	FALSE
-0,156	0,280	-0,005	0,008	0,248	FALSE
0,005	0,290	0,000	0,010	0,004	FALSE

0,115	0,281	0,001	0,009	0,034	FALSE
-0,114	0,273	-0,002	0,008	0,096	FALSE
-0,020	0,287	0,000	0,009	0,020	FALSE
0,014	0,290	0,001	0,010	0,046	FALSE
0,130	0,283	0,005	0,012	0,158	FALSE
0,007	0,274	0,000	0,007	0,022	FALSE
0,009	0,288	0,000	0,008	0,011	FALSE
0,035	0,286	0,002	0,008	0,074	FALSE
0,021	0,280	0,000	0,007	0,004	FALSE
-0,127	0,296	-0,004	0,013	0,130	FALSE
-0,123	0,286	-0,003	0,012	0,108	FALSE
0,008	0,288	0,000	0,008	0,011	FALSE
-0,088	0,278	-0,003	0,014	0,069	FALSE
-0,038	0,293	-0,001	0,010	0,046	FALSE
-0,178	0,269	-0,008	0,011	0,311	FALSE
-0,124	0,290	-0,003	0,007	0,204	FALSE
0,208	0,279	0,003	0,008	0,174	FALSE
0,241	0,276	0,005	0,009	0,250	FALSE
-0,022	0,283	-0,001	0,010	0,031	FALSE
0,012	0,299	0,000	0,011	0,011	FALSE
-0,045	0,280	-0,002	0,011	0,066	FALSE
-0,164	0,288	-0,006	0,011	0,243	FALSE
-0,163	0,275	-0,006	0,011	0,230	FALSE
-0,009	0,290	-0,001	0,010	0,055	FALSE
0,095	0,275	0,004	0,014	0,109	FALSE
-0,045	0,271	-0,001	0,013	0,027	FALSE
-0,132	0,285	-0,006	0,010	0,261	FALSE
0,022	0,276	0,001	0,014	0,018	FALSE
0,160	0,283	0,003	0,008	0,181	FALSE
0,034	0,294	0,001	0,010	0,025	FALSE
0,030	0,299	0,002	0,014	0,061	FALSE
-0,083	0,280	-0,006	0,014	0,155	FALSE
0,078	0,281	0,003	0,012	0,104	FALSE
-0,263	0,264	-0,007	0,009	0,359	FALSE
0,025	0,286	-0,001	0,012	0,016	FALSE
0,010	0,292	0,001	0,013	0,028	FALSE
0,051	0,295	0,002	0,009	0,086	FALSE
0,018	0,284	0,001	0,012	0,026	FALSE
-0,067	0,292	-0,002	0,016	0,048	FALSE
0,040	0,286	0,003	0,012	0,085	FALSE
0,159	0,277	0,006	0,011	0,225	FALSE
0,183	0,270	0,002	0,007	0,115	FALSE
0,091	0,292	0,003	0,009	0,144	FALSE
0,105	0,276	0,002	0,014	0,057	FALSE
0,060	0,296	0,001	0,008	0,040	FALSE
0,105	0,303	0,004	0,015	0,091	FALSE
-0,070	0,287	-0,002	0,007	0,098	FALSE
0,024	0,282	0,000	0,015	0,010	FALSE
-0,105	0,288	-0,004	0,015	0,096	FALSE
-0,022	0,292	0,000	0,008	0,011	FALSE
-0,002	0,287	0,002	0,012	0,065	FALSE
-0,196	0,272	-0,009	0,013	0,315	FALSE
-0,008	0,292	0,002	0,012	0,068	FALSE

-0,066	0,286	-0,002	0,010	0,061	FALSE
0,013	0,278	-0,001	0,008	0,034	FALSE
0,002	0,281	0,004	0,014	0,101	FALSE
-0,010	0,276	0,001	0,011	0,020	FALSE
0,043	0,281	0,000	0,008	0,004	FALSE
0,169	0,282	0,005	0,010	0,205	FALSE
-0,085	0,288	-0,003	0,010	0,134	FALSE
-0,023	0,296	0,000	0,008	0,003	FALSE
-0,006	0,281	0,001	0,008	0,042	FALSE
-0,060	0,300	-0,003	0,012	0,099	FALSE
-0,065	0,285	-0,003	0,014	0,075	FALSE
-0,048	0,299	-0,002	0,014	0,059	FALSE
-0,078	0,282	-0,003	0,014	0,074	FALSE
-0,059	0,281	-0,002	0,014	0,049	FALSE
-0,018	0,300	0,000	0,015	0,009	FALSE
-0,002	0,285	0,002	0,008	0,091	FALSE
-0,025	0,281	0,000	0,008	0,013	FALSE
0,045	0,281	0,000	0,010	0,011	FALSE
-0,072	0,290	0,000	0,009	0,019	FALSE
0,072	0,285	0,003	0,010	0,131	FALSE
0,103	0,299	0,004	0,014	0,113	FALSE
-0,161	0,280	-0,004	0,008	0,203	FALSE
-0,097	0,280	-0,003	0,010	0,123	FALSE
0,014	0,294	0,001	0,011	0,032	FALSE
0,009	0,281	-0,001	0,011	0,041	FALSE
-0,118	0,282	-0,005	0,010	0,188	FALSE
0,177	0,282	0,004	0,008	0,203	FALSE
-0,052	0,294	-0,001	0,008	0,046	FALSE
0,070	0,278	0,001	0,011	0,041	FALSE
-0,145	0,294	-0,006	0,014	0,169	FALSE
0,022	0,287	0,000	0,012	0,002	FALSE
0,031	0,286	0,000	0,008	0,014	FALSE
-0,007	0,281	0,002	0,011	0,081	FALSE
0,016	0,286	0,003	0,011	0,107	FALSE
0,038	0,288	0,004	0,015	0,107	FALSE
-0,036	0,298	-0,002	0,015	0,059	FALSE
0,046	0,270	0,007	0,012	0,253	FALSE
0,103	0,296	0,003	0,012	0,089	FALSE
-0,028	0,300	0,001	0,007	0,034	FALSE
0,067	0,279	0,002	0,008	0,112	FALSE
-0,065	0,293	-0,004	0,011	0,143	FALSE
0,005	0,306	0,000	0,012	0,011	FALSE
0,029	0,301	0,002	0,015	0,049	FALSE
-0,060	0,296	-0,003	0,013	0,077	FALSE
-0,029	0,285	0,001	0,007	0,035	FALSE
0,110	0,291	0,005	0,015	0,116	FALSE
0,123	0,283	0,005	0,015	0,145	FALSE
-0,012	0,278	-0,002	0,008	0,084	FALSE
0,165	0,282	0,003	0,010	0,129	FALSE
-0,118	0,284	-0,006	0,013	0,180	FALSE
0,083	0,289	0,007	0,014	0,192	FALSE
0,132	0,271	0,004	0,012	0,132	FALSE
-0,094	0,283	-0,004	0,012	0,116	FALSE

-0,064	0,287	-0,002	0,013	0,051	FALSE
0,071	0,283	0,004	0,009	0,156	FALSE
-0,185	0,284	-0,005	0,008	0,253	FALSE
0,000	0,295	0,001	0,008	0,035	FALSE
-0,033	0,301	-0,002	0,011	0,074	FALSE
-0,016	0,277	-0,002	0,010	0,091	FALSE
-0,097	0,294	-0,007	0,012	0,236	FALSE
-0,073	0,299	-0,004	0,012	0,132	FALSE
-0,208	0,275	-0,005	0,008	0,269	FALSE
0,041	0,294	0,001	0,008	0,061	FALSE
0,114	0,271	0,004	0,013	0,119	FALSE
0,165	0,275	0,007	0,014	0,198	FALSE
-0,058	0,296	0,000	0,008	0,006	FALSE
0,007	0,294	-0,002	0,012	0,051	FALSE
-0,135	0,283	-0,006	0,015	0,148	FALSE
-0,166	0,286	-0,004	0,008	0,232	FALSE
-0,097	0,279	-0,004	0,009	0,171	FALSE
-0,105	0,295	-0,003	0,013	0,091	FALSE
-0,103	0,287	-0,004	0,010	0,160	FALSE
-0,141	0,285	-0,003	0,009	0,145	FALSE
0,051	0,286	0,002	0,008	0,075	FALSE
0,102	0,274	0,003	0,008	0,131	FALSE
0,256	0,276	0,005	0,008	0,308	FALSE
0,183	0,273	0,007	0,012	0,240	FALSE
0,191	0,282	0,007	0,012	0,245	FALSE
0,184	0,267	0,007	0,012	0,242	FALSE
0,223	0,271	0,009	0,013	0,323	FALSE
0,016	0,283	0,001	0,009	0,050	FALSE
-0,155	0,277	-0,004	0,009	0,177	FALSE
0,143	0,283	0,005	0,008	0,274	FALSE
-0,126	0,287	-0,003	0,008	0,117	FALSE
0,069	0,275	0,003	0,009	0,107	FALSE
-0,117	0,274	-0,005	0,011	0,175	FALSE
-0,157	0,277	-0,006	0,010	0,246	FALSE
-0,102	0,286	-0,003	0,009	0,125	FALSE
-0,076	0,281	-0,002	0,010	0,074	FALSE
0,188	0,297	0,004	0,009	0,211	FALSE
0,037	0,275	0,000	0,009	0,015	FALSE
-0,031	0,295	-0,001	0,011	0,038	FALSE
0,001	0,279	0,001	0,012	0,016	FALSE
0,019	0,262	0,003	0,012	0,088	FALSE
-0,163	0,271	-0,006	0,014	0,182	FALSE
-0,030	0,289	0,000	0,008	0,006	FALSE
-0,070	0,272	-0,001	0,015	0,036	FALSE
-0,090	0,302	-0,002	0,014	0,068	FALSE
0,004	0,267	-0,002	0,010	0,064	FALSE
0,105	0,271	0,006	0,013	0,183	FALSE
0,050	0,285	0,002	0,011	0,069	FALSE
-0,066	0,283	-0,002	0,008	0,089	FALSE
-0,049	0,288	-0,002	0,008	0,081	FALSE
0,086	0,279	0,003	0,010	0,120	FALSE
-0,133	0,283	-0,002	0,007	0,131	FALSE
0,017	0,288	0,002	0,014	0,047	FALSE

-0,100	0,281	-0,002	0,011	0,067	FALSE
-0,113	0,289	-0,003	0,011	0,095	FALSE
-0,053	0,283	-0,002	0,009	0,070	FALSE
-0,161	0,263	-0,005	0,011	0,204	FALSE
0,031	0,288	0,003	0,010	0,114	FALSE
-0,094	0,275	-0,002	0,013	0,043	FALSE
0,093	0,295	0,004	0,012	0,152	FALSE
0,084	0,285	0,003	0,011	0,114	FALSE
0,239	0,275	0,008	0,013	0,288	FALSE
-0,211	0,267	-0,005	0,009	0,219	FALSE
-0,144	0,284	-0,006	0,014	0,187	FALSE
0,030	0,272	0,000	0,011	0,013	FALSE
-0,114	0,296	-0,001	0,008	0,058	FALSE
-0,086	0,283	-0,005	0,014	0,124	FALSE
-0,019	0,287	0,000	0,014	0,007	FALSE
-0,094	0,283	-0,005	0,014	0,139	FALSE
-0,104	0,280	-0,006	0,014	0,169	FALSE
-0,119	0,291	-0,004	0,013	0,116	FALSE
-0,177	0,292	-0,005	0,013	0,141	FALSE
-0,014	0,273	0,000	0,012	0,005	FALSE
-0,014	0,270	0,000	0,012	0,005	FALSE
-0,047	0,300	-0,001	0,011	0,031	FALSE
0,123	0,293	0,004	0,015	0,120	FALSE
-0,067	0,280	-0,001	0,013	0,026	FALSE
-0,041	0,269	0,000	0,013	0,001	FALSE
-0,045	0,295	-0,001	0,008	0,022	FALSE
-0,055	0,292	-0,002	0,010	0,074	FALSE
0,017	0,282	0,001	0,008	0,034	FALSE
-0,024	0,298	-0,002	0,015	0,039	FALSE
-0,058	0,294	-0,003	0,015	0,075	FALSE
-0,030	0,294	-0,001	0,015	0,033	FALSE
-0,168	0,287	-0,009	0,014	0,277	FALSE
0,225	0,287	0,012	0,013	0,448	FALSE
-0,026	0,298	-0,002	0,012	0,046	FALSE
-0,090	0,286	-0,004	0,011	0,162	FALSE
0,071	0,294	0,003	0,014	0,091	FALSE
0,059	0,278	0,002	0,013	0,067	FALSE
0,011	0,295	0,002	0,010	0,086	FALSE
-0,038	0,297	-0,002	0,011	0,079	FALSE
-0,031	0,271	-0,002	0,011	0,054	FALSE
-0,023	0,279	-0,001	0,012	0,037	FALSE
-0,028	0,287	-0,002	0,012	0,048	FALSE
-0,048	0,293	-0,002	0,012	0,054	FALSE
-0,025	0,296	-0,002	0,008	0,095	FALSE
-0,042	0,288	-0,002	0,011	0,054	FALSE
0,024	0,270	0,000	0,014	0,007	FALSE
0,072	0,264	0,001	0,010	0,029	FALSE
-0,099	0,290	-0,005	0,012	0,173	FALSE
-0,112	0,298	-0,004	0,011	0,159	FALSE
0,057	0,288	0,002	0,012	0,049	FALSE
-0,032	0,282	-0,003	0,009	0,107	FALSE
-0,096	0,295	-0,003	0,009	0,139	FALSE
0,055	0,299	0,001	0,011	0,016	FALSE

0,199	0,277	0,006	0,010	0,272	FALSE
0,079	0,300	0,002	0,011	0,078	FALSE
0,005	0,285	0,001	0,013	0,031	FALSE
-0,076	0,289	-0,002	0,013	0,048	FALSE
0,065	0,292	0,003	0,009	0,118	FALSE
-0,096	0,285	-0,004	0,012	0,127	FALSE
0,071	0,290	0,002	0,014	0,052	FALSE
-0,151	0,279	-0,007	0,013	0,237	FALSE
-0,063	0,286	-0,003	0,014	0,070	FALSE
-0,113	0,284	-0,003	0,009	0,130	FALSE
0,031	0,284	0,001	0,011	0,022	FALSE
0,042	0,293	0,001	0,010	0,048	FALSE
0,092	0,282	0,001	0,011	0,029	FALSE
0,089	0,297	0,003	0,010	0,138	FALSE
-0,037	0,298	-0,001	0,009	0,046	FALSE
0,182	0,267	0,009	0,014	0,283	FALSE
-0,140	0,288	-0,008	0,014	0,240	FALSE
0,042	0,296	0,002	0,013	0,062	FALSE
0,081	0,292	0,005	0,013	0,164	FALSE
0,081	0,278	0,006	0,013	0,170	FALSE
0,103	0,289	0,007	0,014	0,212	FALSE
0,091	0,292	0,006	0,013	0,186	FALSE
0,135	0,282	0,006	0,013	0,207	FALSE
-0,129	0,286	-0,004	0,010	0,158	FALSE
-0,004	0,277	-0,001	0,010	0,035	FALSE
0,167	0,275	0,004	0,008	0,245	FALSE
-0,074	0,288	-0,001	0,008	0,065	FALSE
-0,004	0,301	0,000	0,009	0,006	FALSE
-0,151	0,285	-0,005	0,010	0,192	FALSE
0,016	0,297	-0,001	0,015	0,029	FALSE
-0,056	0,296	-0,001	0,015	0,036	FALSE
-0,194	0,284	-0,007	0,011	0,261	FALSE
-0,151	0,271	-0,003	0,008	0,173	FALSE
0,049	0,290	0,004	0,012	0,130	FALSE
-0,006	0,282	-0,001	0,011	0,034	FALSE
0,162	0,279	0,004	0,009	0,167	FALSE
0,100	0,284	0,006	0,014	0,180	FALSE
-0,046	0,299	-0,002	0,014	0,054	FALSE
0,153	0,266	0,002	0,008	0,131	FALSE
0,143	0,295	0,003	0,011	0,099	FALSE
-0,033	0,294	-0,004	0,015	0,114	FALSE
0,232	0,263	0,009	0,014	0,275	FALSE
-0,060	0,291	-0,002	0,011	0,064	FALSE
0,084	0,290	0,003	0,014	0,079	FALSE
0,095	0,267	0,004	0,010	0,157	FALSE
-0,018	0,277	0,000	0,007	0,001	FALSE
-0,041	0,282	0,000	0,012	0,013	FALSE
-0,160	0,279	-0,005	0,010	0,210	FALSE
-0,144	0,291	-0,005	0,011	0,170	FALSE
-0,167	0,277	-0,006	0,014	0,190	FALSE
0,100	0,282	0,004	0,012	0,129	FALSE
-0,057	0,281	0,000	0,008	0,016	FALSE
-0,277	0,260	-0,010	0,010	0,466	FALSE

-0,022	0,291	0,001	0,007	0,032	FALSE
-0,066	0,278	-0,002	0,010	0,094	FALSE
-0,028	0,287	0,000	0,008	0,015	FALSE
-0,036	0,283	0,000	0,008	0,011	FALSE
0,027	0,288	0,000	0,012	0,012	FALSE
-0,049	0,290	-0,001	0,012	0,025	FALSE
0,082	0,287	0,003	0,014	0,070	FALSE
-0,221	0,269	-0,006	0,008	0,311	FALSE
0,148	0,286	0,009	0,015	0,264	FALSE
0,034	0,282	0,001	0,013	0,019	FALSE
0,039	0,302	0,001	0,015	0,029	FALSE
0,062	0,305	0,001	0,010	0,030	FALSE
-0,193	0,273	-0,005	0,009	0,221	FALSE
-0,091	0,287	-0,001	0,007	0,043	FALSE
-0,159	0,279	-0,003	0,008	0,162	FALSE
0,074	0,299	0,003	0,012	0,099	FALSE
0,011	0,282	0,001	0,008	0,038	FALSE
0,091	0,286	0,003	0,011	0,125	FALSE
0,000	0,302	0,000	0,009	0,018	FALSE
-0,153	0,280	-0,004	0,008	0,197	FALSE
0,028	0,298	0,000	0,014	0,009	FALSE
-0,122	0,300	-0,002	0,009	0,095	FALSE
-0,165	0,283	-0,007	0,014	0,218	FALSE
-0,102	0,284	-0,003	0,008	0,134	FALSE
0,023	0,291	0,002	0,012	0,049	FALSE
-0,071	0,266	-0,001	0,008	0,045	FALSE
0,057	0,282	0,000	0,011	0,005	FALSE
-0,050	0,282	0,000	0,012	0,003	FALSE
0,022	0,276	0,002	0,015	0,040	FALSE
0,154	0,284	0,006	0,011	0,236	FALSE
0,057	0,286	0,002	0,014	0,061	FALSE
-0,100	0,288	-0,005	0,015	0,125	FALSE
0,126	0,286	0,003	0,008	0,130	FALSE
0,088	0,273	0,003	0,013	0,095	FALSE
0,088	0,272	0,003	0,013	0,096	FALSE
-0,185	0,280	-0,005	0,010	0,207	FALSE
-0,159	0,272	-0,004	0,011	0,156	FALSE
0,120	0,275	0,004	0,013	0,139	FALSE
-0,088	0,274	-0,002	0,011	0,084	FALSE
0,179	0,271	0,005	0,010	0,207	FALSE
0,129	0,280	0,003	0,010	0,122	FALSE
-0,195	0,279	-0,005	0,007	0,292	FALSE
-0,176	0,290	-0,008	0,011	0,305	FALSE
-0,143	0,279	-0,005	0,009	0,252	FALSE
0,127	0,290	0,005	0,015	0,141	FALSE
-0,019	0,294	-0,001	0,009	0,021	FALSE
0,114	0,283	0,004	0,012	0,126	FALSE
-0,016	0,283	-0,001	0,014	0,033	FALSE
-0,007	0,291	0,001	0,007	0,037	FALSE
0,092	0,285	0,003	0,009	0,123	FALSE
-0,115	0,283	-0,004	0,015	0,102	FALSE
0,162	0,284	0,006	0,011	0,227	FALSE
-0,026	0,286	-0,001	0,009	0,027	FALSE

-0,112	0,279	-0,002	0,008	0,078	FALSE
-0,103	0,290	-0,004	0,008	0,195	FALSE
-0,062	0,276	-0,005	0,011	0,182	FALSE
0,062	0,290	0,002	0,008	0,080	FALSE
-0,043	0,287	0,000	0,010	0,011	FALSE
0,024	0,272	0,000	0,011	0,007	FALSE
0,008	0,291	0,002	0,009	0,068	FALSE
0,001	0,295	0,001	0,009	0,052	FALSE
0,032	0,287	0,001	0,011	0,044	FALSE
0,019	0,280	0,001	0,010	0,047	FALSE
-0,061	0,298	-0,001	0,008	0,044	FALSE
0,151	0,277	0,007	0,014	0,193	FALSE
0,083	0,285	0,003	0,011	0,105	FALSE
0,075	0,299	0,003	0,010	0,098	FALSE
0,067	0,291	0,002	0,010	0,084	FALSE
-0,076	0,278	0,000	0,012	0,006	FALSE
0,003	0,301	0,001	0,015	0,028	FALSE
-0,103	0,270	-0,002	0,007	0,138	FALSE
-0,015	0,284	0,001	0,014	0,028	FALSE
-0,231	0,277	-0,006	0,008	0,388	FALSE
0,150	0,294	0,005	0,008	0,297	FALSE
0,031	0,289	0,002	0,014	0,049	FALSE
0,049	0,299	0,003	0,014	0,080	FALSE
0,051	0,286	0,003	0,014	0,081	FALSE
-0,002	0,303	0,000	0,014	0,006	FALSE
0,028	0,292	-0,001	0,008	0,037	FALSE
0,187	0,297	0,005	0,009	0,237	FALSE
0,112	0,291	0,003	0,010	0,114	FALSE
-0,076	0,296	-0,004	0,015	0,108	FALSE
-0,027	0,293	0,000	0,009	0,000	FALSE
-0,028	0,293	-0,001	0,013	0,035	FALSE
-0,048	0,288	-0,001	0,010	0,047	FALSE
-0,207	0,267	-0,011	0,014	0,369	FALSE
-0,162	0,271	-0,010	0,015	0,289	FALSE
0,123	0,274	0,003	0,008	0,148	FALSE
0,085	0,284	0,002	0,008	0,123	FALSE
-0,068	0,299	-0,002	0,012	0,063	FALSE
-0,003	0,292	0,000	0,009	0,007	FALSE
-0,171	0,270	-0,004	0,010	0,158	FALSE
-0,098	0,282	-0,006	0,013	0,182	FALSE
-0,019	0,296	0,001	0,008	0,033	FALSE
0,146	0,281	0,005	0,008	0,306	FALSE
0,040	0,283	0,001	0,009	0,024	FALSE
0,069	0,293	0,003	0,008	0,152	FALSE
-0,115	0,286	-0,007	0,014	0,198	FALSE
0,172	0,280	0,004	0,008	0,177	FALSE
0,025	0,281	0,001	0,011	0,030	FALSE
0,104	0,276	0,003	0,010	0,120	FALSE
-0,027	0,287	-0,001	0,015	0,034	FALSE
0,096	0,293	0,004	0,009	0,213	FALSE
-0,069	0,300	-0,003	0,009	0,133	FALSE
0,199	0,281	0,009	0,013	0,304	FALSE
0,075	0,283	0,004	0,013	0,121	FALSE

-0,049	0,272	-0,004	0,014	0,102	FALSE
0,042	0,278	-0,002	0,014	0,039	FALSE
0,156	0,291	0,003	0,007	0,177	FALSE
0,108	0,287	0,003	0,009	0,128	FALSE
0,124	0,282	0,003	0,011	0,105	FALSE
0,052	0,275	0,000	0,009	0,001	FALSE
0,039	0,271	0,004	0,013	0,125	FALSE
-0,204	0,270	-0,005	0,007	0,342	FALSE
0,021	0,285	0,001	0,012	0,040	FALSE
0,102	0,297	0,004	0,014	0,102	FALSE
0,140	0,294	0,002	0,011	0,076	FALSE
0,161	0,283	0,007	0,013	0,230	FALSE
-0,002	0,294	0,002	0,010	0,053	FALSE
0,046	0,287	0,002	0,013	0,059	FALSE
0,237	0,286	0,007	0,009	0,373	FALSE
0,090	0,280	0,004	0,009	0,176	FALSE
0,140	0,279	0,004	0,009	0,185	FALSE
-0,003	0,285	0,000	0,009	0,017	FALSE
0,099	0,284	0,005	0,012	0,182	FALSE
0,075	0,287	0,003	0,015	0,064	FALSE
0,056	0,278	0,002	0,014	0,058	FALSE
0,050	0,273	0,001	0,014	0,034	FALSE
-0,075	0,291	-0,002	0,011	0,072	FALSE
0,045	0,279	0,002	0,014	0,044	FALSE
0,067	0,296	0,004	0,012	0,142	FALSE
-0,050	0,275	0,000	0,008	0,010	FALSE
-0,047	0,280	-0,002	0,011	0,051	FALSE
0,055	0,278	0,000	0,007	0,019	FALSE
0,001	0,284	-0,002	0,013	0,057	FALSE
0,026	0,296	-0,003	0,014	0,066	FALSE
-0,230	0,279	-0,008	0,009	0,408	FALSE
0,054	0,287	0,000	0,009	0,014	FALSE
0,062	0,283	0,002	0,009	0,071	FALSE
0,076	0,303	0,002	0,014	0,065	FALSE
0,061	0,283	0,001	0,007	0,060	FALSE
0,025	0,273	0,002	0,009	0,066	TRUE
0,173	0,277	0,007	0,015	0,201	FALSE
-0,057	0,300	-0,004	0,015	0,092	FALSE
-0,080	0,287	-0,001	0,013	0,041	FALSE
0,057	0,279	0,001	0,007	0,067	FALSE
-0,081	0,280	-0,002	0,013	0,049	FALSE
0,077	0,277	0,002	0,007	0,113	FALSE
0,044	0,294	0,004	0,014	0,102	FALSE
-0,141	0,272	-0,005	0,008	0,293	FALSE
0,231	0,288	0,007	0,011	0,295	FALSE
-0,029	0,294	-0,002	0,010	0,080	FALSE
-0,117	0,271	-0,004	0,008	0,222	FALSE
0,099	0,303	0,003	0,008	0,142	FALSE
0,026	0,285	0,000	0,011	0,002	FALSE
-0,032	0,295	-0,001	0,007	0,048	FALSE
0,050	0,295	0,001	0,014	0,024	FALSE
-0,035	0,289	-0,001	0,007	0,040	FALSE
0,057	0,290	0,004	0,014	0,129	FALSE

-0,119	0,289	-0,005	0,009	0,224	FALSE
-0,086	0,279	-0,004	0,009	0,183	FALSE
-0,077	0,289	-0,003	0,009	0,140	FALSE
0,014	0,280	0,000	0,007	0,014	FALSE
0,037	0,297	0,002	0,009	0,103	FALSE
-0,175	0,279	-0,011	0,015	0,325	FALSE
0,110	0,297	0,002	0,013	0,069	FALSE
-0,067	0,293	-0,003	0,012	0,098	FALSE
0,009	0,284	0,000	0,009	0,016	FALSE
0,051	0,286	0,001	0,008	0,056	FALSE
0,006	0,282	0,002	0,014	0,043	FALSE
0,093	0,276	0,002	0,008	0,113	FALSE
0,067	0,273	0,002	0,008	0,093	FALSE
-0,062	0,277	-0,003	0,009	0,117	FALSE
0,058	0,284	0,001	0,008	0,061	FALSE
0,064	0,294	0,001	0,011	0,021	FALSE
0,026	0,288	0,005	0,015	0,118	FALSE
0,185	0,295	0,004	0,008	0,204	FALSE
0,088	0,278	0,004	0,013	0,134	FALSE
0,105	0,275	0,002	0,008	0,119	FALSE
-0,001	0,289	0,001	0,011	0,036	FALSE
0,033	0,295	0,000	0,009	0,001	FALSE
-0,167	0,274	-0,007	0,012	0,236	FALSE
0,073	0,288	0,003	0,010	0,098	FALSE
0,021	0,292	0,003	0,015	0,082	FALSE
0,015	0,284	0,002	0,014	0,065	FALSE
0,095	0,297	0,003	0,011	0,083	FALSE
-0,015	0,292	0,001	0,012	0,018	FALSE
0,068	0,275	0,004	0,013	0,124	FALSE
0,096	0,288	0,005	0,013	0,142	FALSE
0,024	0,291	0,003	0,014	0,075	FALSE
0,040	0,289	0,002	0,014	0,040	FALSE
-0,066	0,273	-0,002	0,008	0,122	FALSE
0,128	0,274	0,006	0,014	0,155	FALSE
0,155	0,262	0,008	0,015	0,212	FALSE
0,062	0,290	0,000	0,009	0,011	FALSE
0,096	0,300	0,004	0,013	0,133	FALSE
0,141	0,278	0,003	0,009	0,128	FALSE
-0,165	0,273	-0,006	0,012	0,216	FALSE
0,103	0,283	0,004	0,014	0,105	FALSE
-0,019	0,287	0,000	0,010	0,011	FALSE
0,028	0,297	0,001	0,008	0,057	FALSE
0,015	0,296	0,001	0,013	0,016	FALSE
-0,038	0,284	-0,002	0,015	0,040	FALSE
0,020	0,287	0,000	0,009	0,011	FALSE
0,107	0,284	0,002	0,011	0,078	FALSE
0,139	0,287	0,004	0,010	0,137	FALSE
0,025	0,305	0,002	0,010	0,080	FALSE
-0,057	0,274	0,001	0,010	0,025	FALSE
-0,061	0,273	0,001	0,010	0,029	FALSE
0,123	0,292	0,003	0,007	0,154	FALSE
-0,066	0,284	-0,001	0,008	0,061	FALSE
-0,092	0,303	-0,004	0,013	0,102	FALSE

-0,010	0,286	0,001	0,008	0,024	FALSE
0,135	0,295	0,004	0,012	0,116	FALSE
0,027	0,290	-0,002	0,015	0,045	FALSE
0,225	0,290	0,009	0,013	0,311	FALSE
0,240	0,269	0,010	0,011	0,450	FALSE
0,004	0,284	0,000	0,010	0,003	FALSE
-0,150	0,270	-0,007	0,012	0,229	FALSE
0,067	0,294	0,004	0,012	0,146	FALSE
-0,111	0,261	-0,006	0,012	0,204	FALSE
0,019	0,293	-0,001	0,008	0,047	FALSE
0,034	0,274	0,000	0,012	0,010	FALSE
0,193	0,287	0,005	0,011	0,177	FALSE
0,074	0,295	0,001	0,008	0,070	FALSE
0,023	0,294	0,002	0,007	0,111	FALSE
0,209	0,278	0,006	0,010	0,261	FALSE
0,218	0,283	0,006	0,010	0,255	FALSE
0,243	0,268	0,006	0,010	0,296	FALSE
-0,009	0,284	0,002	0,013	0,049	FALSE
0,076	0,292	0,003	0,012	0,103	FALSE
-0,088	0,274	-0,003	0,007	0,138	FALSE
-0,046	0,282	-0,002	0,015	0,053	FALSE
0,047	0,285	0,001	0,011	0,033	FALSE
0,059	0,297	0,000	0,009	0,015	FALSE
0,111	0,303	0,005	0,014	0,145	FALSE
-0,142	0,280	-0,007	0,014	0,221	FALSE
0,203	0,272	0,006	0,013	0,192	FALSE
0,123	0,275	0,006	0,014	0,159	FALSE
0,189	0,290	0,007	0,014	0,218	FALSE
-0,014	0,303	0,002	0,013	0,071	FALSE
-0,058	0,284	-0,003	0,009	0,135	FALSE
0,057	0,291	0,003	0,010	0,135	FALSE
0,084	0,280	0,003	0,012	0,112	FALSE
-0,166	0,290	-0,004	0,009	0,172	FALSE
-0,033	0,281	-0,001	0,013	0,042	FALSE
0,005	0,291	0,000	0,014	0,001	FALSE
0,160	0,281	0,005	0,011	0,189	FALSE
0,002	0,293	0,003	0,013	0,075	FALSE
0,019	0,284	0,002	0,010	0,056	FALSE
-0,044	0,272	-0,002	0,008	0,091	FALSE
-0,050	0,288	-0,003	0,009	0,112	FALSE
0,014	0,277	-0,001	0,008	0,031	FALSE
-0,061	0,297	-0,001	0,007	0,072	FALSE
0,201	0,274	0,009	0,014	0,277	FALSE
0,260	0,282	0,011	0,014	0,379	FALSE
-0,120	0,287	-0,004	0,011	0,141	FALSE
0,054	0,287	0,003	0,007	0,172	FALSE
-0,120	0,278	-0,003	0,013	0,082	FALSE
-0,209	0,273	-0,006	0,010	0,245	FALSE
-0,198	0,279	-0,005	0,009	0,207	FALSE
-0,020	0,295	-0,002	0,015	0,047	FALSE
-0,005	0,282	0,002	0,011	0,061	FALSE
0,041	0,268	-0,001	0,009	0,033	FALSE
0,082	0,296	0,006	0,014	0,171	FALSE

-0,058	0,281	-0,003	0,011	0,100	FALSE
0,132	0,285	0,006	0,013	0,173	FALSE
0,130	0,289	0,004	0,014	0,105	FALSE
-0,004	0,288	0,001	0,008	0,056	FALSE
0,008	0,300	0,001	0,009	0,040	FALSE
-0,082	0,286	-0,002	0,014	0,051	FALSE
-0,076	0,302	-0,002	0,010	0,096	FALSE
-0,028	0,284	-0,003	0,013	0,091	FALSE
-0,097	0,284	-0,002	0,008	0,114	FALSE
0,046	0,288	0,002	0,008	0,078	FALSE
-0,162	0,294	-0,004	0,008	0,203	FALSE
0,256	0,285	0,012	0,014	0,407	FALSE
0,234	0,270	0,009	0,011	0,356	FALSE
0,131	0,287	0,003	0,007	0,145	FALSE
-0,021	0,287	0,001	0,007	0,049	FALSE
-0,022	0,279	-0,001	0,012	0,037	FALSE
-0,062	0,292	-0,001	0,007	0,059	FALSE
0,004	0,291	0,000	0,008	0,017	FALSE
-0,080	0,289	-0,002	0,008	0,108	FALSE
-0,122	0,280	-0,006	0,013	0,190	FALSE
-0,124	0,285	-0,005	0,014	0,147	FALSE
0,016	0,279	-0,001	0,015	0,016	FALSE
0,048	0,287	0,001	0,011	0,022	FALSE
0,044	0,286	0,001	0,009	0,063	FALSE
-0,058	0,283	-0,001	0,013	0,035	FALSE
-0,053	0,275	-0,001	0,008	0,037	FALSE
0,018	0,299	0,000	0,013	0,001	FALSE
0,055	0,305	0,001	0,012	0,045	FALSE
-0,025	0,284	0,000	0,013	0,002	FALSE
-0,125	0,302	-0,003	0,008	0,134	FALSE
0,111	0,297	0,004	0,008	0,204	FALSE
-0,008	0,277	0,001	0,013	0,032	FALSE
0,107	0,293	0,002	0,009	0,074	FALSE
0,086	0,279	0,003	0,010	0,106	FALSE
0,017	0,277	0,000	0,009	0,003	FALSE
0,126	0,283	0,005	0,010	0,197	FALSE
0,077	0,286	0,004	0,014	0,103	FALSE
0,167	0,273	0,003	0,010	0,133	FALSE
-0,104	0,294	-0,003	0,010	0,097	FALSE
-0,143	0,275	-0,007	0,012	0,254	FALSE
0,023	0,281	0,000	0,015	0,005	FALSE
-0,021	0,289	-0,001	0,008	0,032	FALSE
-0,213	0,274	-0,004	0,007	0,234	FALSE
-0,062	0,306	-0,002	0,015	0,047	FALSE
-0,185	0,289	-0,008	0,015	0,215	FALSE
-0,086	0,308	-0,004	0,012	0,131	FALSE
-0,038	0,282	0,002	0,014	0,039	FALSE
-0,023	0,279	0,000	0,012	0,012	FALSE
0,110	0,288	0,004	0,008	0,181	FALSE
0,133	0,287	0,004	0,011	0,146	FALSE
0,107	0,297	0,003	0,013	0,081	FALSE
0,050	0,286	0,000	0,014	0,002	FALSE
0,084	0,291	0,002	0,008	0,115	FALSE

-0,050	0,297	-0,002	0,011	0,056	FALSE
0,083	0,294	0,002	0,015	0,045	FALSE
0,019	0,288	-0,001	0,010	0,036	FALSE
0,145	0,279	0,004	0,010	0,168	FALSE
-0,002	0,289	-0,001	0,013	0,020	FALSE
-0,216	0,271	-0,008	0,012	0,286	FALSE
0,038	0,284	0,003	0,012	0,086	FALSE
-0,099	0,267	-0,004	0,008	0,189	FALSE
0,055	0,290	0,002	0,008	0,075	FALSE
-0,104	0,275	-0,003	0,014	0,078	FALSE
-0,072	0,284	-0,002	0,009	0,106	FALSE
0,101	0,291	0,003	0,011	0,122	FALSE
0,122	0,291	0,004	0,009	0,175	FALSE
0,045	0,275	0,001	0,009	0,045	FALSE
0,128	0,291	0,004	0,010	0,165	FALSE
0,180	0,290	0,005	0,011	0,173	FALSE
0,028	0,287	0,003	0,014	0,085	FALSE
-0,136	0,290	-0,008	0,015	0,219	FALSE
-0,082	0,302	-0,003	0,008	0,126	FALSE
0,086	0,294	0,005	0,012	0,182	FALSE
-0,016	0,284	0,000	0,015	0,010	FALSE
-0,067	0,278	-0,003	0,011	0,130	FALSE
0,126	0,269	0,004	0,010	0,143	FALSE
0,076	0,297	0,002	0,009	0,098	FALSE
-0,033	0,283	-0,001	0,008	0,035	FALSE
0,082	0,293	0,002	0,008	0,085	FALSE
0,050	0,303	0,002	0,008	0,122	FALSE
0,059	0,290	0,002	0,010	0,069	FALSE
0,006	0,283	0,001	0,012	0,022	FALSE
-0,167	0,282	-0,004	0,007	0,274	FALSE
-0,062	0,286	-0,002	0,011	0,065	FALSE
0,115	0,295	0,003	0,008	0,153	FALSE
0,026	0,267	0,000	0,012	0,002	FALSE
-0,104	0,293	-0,005	0,013	0,138	FALSE
-0,155	0,281	-0,008	0,014	0,242	FALSE
0,160	0,281	0,005	0,009	0,268	FALSE
-0,131	0,278	-0,006	0,013	0,182	FALSE
-0,126	0,287	-0,003	0,007	0,172	FALSE
0,090	0,289	0,005	0,015	0,122	FALSE
-0,015	0,282	0,000	0,014	0,002	FALSE
-0,006	0,281	0,000	0,012	0,009	FALSE
0,120	0,295	0,004	0,009	0,179	FALSE
-0,018	0,282	0,001	0,008	0,036	FALSE
0,026	0,288	0,001	0,008	0,043	FALSE
-0,058	0,291	-0,003	0,015	0,064	FALSE
0,080	0,279	0,002	0,015	0,052	FALSE
-0,094	0,289	-0,005	0,014	0,154	FALSE
0,030	0,286	0,001	0,011	0,039	FALSE
-0,085	0,281	-0,001	0,009	0,028	FALSE
0,064	0,290	0,003	0,009	0,128	FALSE
0,134	0,276	0,007	0,013	0,215	FALSE
0,144	0,288	0,008	0,014	0,250	FALSE
0,132	0,282	0,007	0,013	0,228	FALSE

0,026	0,286	0,001	0,008	0,049	FALSE
-0,098	0,276	-0,002	0,013	0,070	FALSE
0,066	0,289	0,002	0,011	0,054	FALSE
0,158	0,287	0,008	0,010	0,340	FALSE
0,013	0,300	0,001	0,008	0,028	FALSE
-0,109	0,282	-0,003	0,009	0,150	FALSE
0,071	0,284	0,001	0,014	0,029	FALSE
0,059	0,287	0,001	0,009	0,021	FALSE
-0,134	0,279	-0,004	0,014	0,104	FALSE
0,023	0,288	0,001	0,011	0,026	FALSE
-0,002	0,285	-0,001	0,010	0,049	FALSE
0,101	0,300	0,004	0,008	0,188	FALSE
0,228	0,275	0,005	0,010	0,222	FALSE
-0,014	0,300	0,000	0,009	0,001	FALSE
0,008	0,289	0,001	0,008	0,040	FALSE
0,006	0,280	0,001	0,012	0,035	FALSE
0,065	0,295	0,001	0,007	0,048	FALSE
0,148	0,296	0,005	0,008	0,232	FALSE
0,101	0,280	0,002	0,010	0,096	FALSE
0,088	0,290	0,001	0,008	0,039	FALSE
0,019	0,284	-0,001	0,015	0,019	FALSE
0,112	0,278	0,004	0,009	0,200	FALSE
-0,149	0,294	-0,008	0,014	0,223	FALSE
-0,114	0,274	-0,003	0,014	0,068	FALSE
-0,122	0,278	-0,007	0,014	0,222	FALSE
0,052	0,299	0,001	0,008	0,060	FALSE
0,182	0,274	0,005	0,011	0,206	FALSE
-0,031	0,283	-0,003	0,013	0,085	FALSE
-0,206	0,291	-0,005	0,007	0,284	FALSE
0,072	0,285	0,002	0,008	0,091	FALSE
-0,174	0,278	-0,004	0,012	0,127	FALSE
0,000	0,276	-0,001	0,008	0,030	FALSE
-0,009	0,276	0,001	0,008	0,034	FALSE
-0,016	0,284	0,000	0,008	0,015	FALSE
0,135	0,286	0,005	0,014	0,154	FALSE
-0,133	0,265	-0,005	0,012	0,174	FALSE
-0,173	0,271	-0,004	0,007	0,230	FALSE
0,061	0,280	0,000	0,010	0,008	FALSE
0,151	0,277	0,003	0,009	0,146	FALSE
0,113	0,271	0,001	0,014	0,031	FALSE
0,066	0,293	0,004	0,015	0,117	FALSE
-0,007	0,287	0,000	0,012	0,001	FALSE
0,100	0,278	0,003	0,014	0,071	FALSE
0,120	0,276	0,002	0,010	0,069	FALSE
-0,214	0,268	-0,006	0,008	0,293	FALSE
-0,003	0,278	0,000	0,009	0,003	FALSE
-0,046	0,283	-0,001	0,009	0,052	FALSE
-0,022	0,288	-0,001	0,014	0,030	FALSE
0,107	0,286	0,004	0,010	0,172	FALSE
0,004	0,300	0,001	0,012	0,022	FALSE
-0,052	0,285	-0,004	0,015	0,102	FALSE
-0,006	0,289	0,000	0,009	0,006	FALSE
0,031	0,297	0,002	0,009	0,064	FALSE

-0,036	0,285	-0,001	0,012	0,022	FALSE
0,061	0,313	0,000	0,008	0,005	FALSE
-0,162	0,282	-0,010	0,015	0,289	FALSE
0,058	0,290	0,001	0,008	0,027	FALSE
-0,161	0,278	-0,009	0,014	0,277	FALSE
0,070	0,276	0,003	0,011	0,107	FALSE
-0,025	0,274	0,002	0,010	0,059	FALSE
-0,190	0,281	-0,006	0,015	0,181	FALSE
0,060	0,267	0,000	0,012	0,005	FALSE
0,083	0,273	0,000	0,009	0,002	FALSE
0,034	0,304	0,000	0,010	0,008	FALSE
-0,104	0,266	-0,002	0,014	0,048	FALSE
0,053	0,289	0,001	0,011	0,051	FALSE
0,069	0,284	0,003	0,014	0,065	FALSE
0,022	0,295	-0,001	0,009	0,043	FALSE
-0,042	0,289	-0,004	0,012	0,115	FALSE
0,102	0,280	0,005	0,013	0,143	FALSE
0,088	0,273	0,003	0,014	0,089	FALSE
-0,155	0,278	-0,006	0,012	0,192	FALSE
-0,255	0,272	-0,010	0,014	0,319	FALSE
0,046	0,285	0,001	0,008	0,046	FALSE
-0,002	0,281	0,000	0,009	0,001	FALSE
0,108	0,288	0,004	0,010	0,151	FALSE
0,146	0,274	0,007	0,014	0,208	FALSE
-0,039	0,281	-0,002	0,008	0,080	FALSE
0,017	0,295	0,004	0,015	0,112	FALSE
0,060	0,282	0,005	0,014	0,140	FALSE
-0,012	0,299	0,000	0,010	0,000	FALSE
-0,129	0,282	-0,004	0,011	0,129	FALSE
0,072	0,293	0,002	0,012	0,052	FALSE
0,136	0,298	0,004	0,009	0,218	FALSE
0,028	0,302	-0,001	0,015	0,026	FALSE
-0,093	0,280	-0,003	0,007	0,141	FALSE
0,032	0,281	0,002	0,011	0,080	FALSE
0,016	0,293	0,001	0,011	0,051	FALSE
-0,001	0,286	0,001	0,007	0,061	FALSE
-0,085	0,293	-0,001	0,011	0,018	FALSE
-0,051	0,293	0,001	0,010	0,030	FALSE
-0,049	0,289	0,001	0,010	0,027	FALSE
-0,024	0,292	0,002	0,010	0,067	FALSE
0,007	0,295	0,002	0,009	0,094	FALSE
0,112	0,299	0,003	0,009	0,160	FALSE
0,003	0,275	-0,001	0,010	0,031	FALSE
-0,130	0,276	-0,005	0,013	0,133	FALSE
0,157	0,266	0,008	0,013	0,254	FALSE
-0,122	0,286	-0,005	0,015	0,137	FALSE
0,117	0,281	0,008	0,013	0,260	FALSE
0,046	0,288	0,005	0,013	0,152	FALSE
0,085	0,290	0,007	0,014	0,208	FALSE
-0,019	0,286	0,002	0,013	0,060	FALSE
-0,032	0,300	0,000	0,009	0,008	FALSE
0,009	0,292	0,001	0,014	0,029	FALSE
-0,238	0,269	-0,007	0,008	0,415	FALSE

0,028	0,282	0,000	0,013	0,004	FALSE
-0,061	0,288	0,000	0,010	0,017	FALSE
-0,080	0,286	-0,004	0,009	0,165	FALSE
-0,006	0,287	-0,001	0,010	0,039	FALSE
-0,081	0,302	-0,001	0,008	0,034	FALSE
0,061	0,295	0,003	0,012	0,098	FALSE
-0,054	0,286	-0,002	0,008	0,090	FALSE
-0,031	0,272	0,001	0,007	0,030	FALSE
0,051	0,290	0,001	0,009	0,028	FALSE
0,013	0,295	0,000	0,009	0,003	FALSE
0,045	0,299	0,001	0,008	0,027	FALSE
-0,161	0,295	-0,007	0,012	0,229	FALSE
0,020	0,295	0,000	0,011	0,008	FALSE
0,119	0,281	0,003	0,009	0,119	FALSE
-0,050	0,293	-0,002	0,015	0,042	FALSE
-0,064	0,289	-0,004	0,012	0,135	FALSE
-0,067	0,301	-0,003	0,015	0,079	FALSE
-0,068	0,284	-0,001	0,015	0,016	FALSE
-0,130	0,296	-0,002	0,008	0,113	FALSE
-0,020	0,281	-0,005	0,015	0,146	FALSE
0,038	0,294	0,001	0,008	0,037	FALSE
0,036	0,293	0,001	0,015	0,036	FALSE
0,028	0,285	0,000	0,010	0,009	FALSE
-0,020	0,293	0,000	0,008	0,007	FALSE
0,056	0,285	0,001	0,010	0,051	FALSE
-0,112	0,279	-0,002	0,008	0,092	FALSE
-0,065	0,280	-0,004	0,015	0,090	FALSE
-0,080	0,297	-0,002	0,010	0,062	FALSE
-0,138	0,278	-0,006	0,010	0,269	FALSE
-0,094	0,284	-0,003	0,013	0,098	FALSE
-0,203	0,274	-0,005	0,009	0,262	FALSE
0,063	0,301	0,003	0,012	0,080	FALSE
0,073	0,275	0,003	0,015	0,081	FALSE
-0,121	0,289	-0,003	0,009	0,142	FALSE
-0,019	0,293	-0,002	0,009	0,091	FALSE
-0,052	0,291	-0,001	0,014	0,037	FALSE
0,006	0,272	0,001	0,009	0,050	FALSE
0,011	0,289	0,001	0,014	0,025	FALSE
0,000	0,291	0,000	0,013	0,003	FALSE
0,119	0,275	0,003	0,009	0,114	FALSE
-0,016	0,276	0,000	0,010	0,003	FALSE
-0,037	0,279	-0,003	0,015	0,068	FALSE
0,215	0,287	0,005	0,010	0,232	FALSE
0,062	0,284	0,002	0,009	0,062	FALSE
-0,119	0,286	-0,002	0,008	0,106	FALSE
-0,076	0,288	-0,001	0,008	0,058	FALSE
-0,081	0,283	-0,002	0,012	0,071	FALSE
-0,086	0,284	-0,003	0,011	0,119	FALSE
-0,017	0,295	0,000	0,011	0,012	FALSE
-0,003	0,301	-0,001	0,009	0,028	FALSE
-0,031	0,292	-0,001	0,013	0,025	FALSE
-0,086	0,291	-0,002	0,010	0,096	FALSE
-0,101	0,273	-0,003	0,013	0,075	FALSE

-0,171	0,289	-0,006	0,010	0,288	FALSE
0,086	0,290	0,003	0,015	0,082	FALSE
0,055	0,273	0,001	0,007	0,039	FALSE
-0,019	0,279	-0,001	0,014	0,033	FALSE
0,000	0,272	0,000	0,014	0,006	FALSE
-0,001	0,273	-0,001	0,014	0,024	FALSE
-0,040	0,284	-0,004	0,012	0,119	FALSE
0,194	0,263	0,004	0,007	0,266	FALSE
0,112	0,280	0,007	0,014	0,212	FALSE
-0,098	0,279	-0,003	0,008	0,189	FALSE
-0,020	0,292	-0,003	0,013	0,078	FALSE
0,077	0,290	0,002	0,013	0,052	FALSE
-0,041	0,303	-0,001	0,014	0,021	FALSE
-0,067	0,284	-0,001	0,009	0,021	FALSE
-0,184	0,286	-0,004	0,009	0,183	FALSE
0,011	0,296	0,003	0,014	0,065	FALSE
0,088	0,297	0,004	0,011	0,143	FALSE
0,070	0,284	0,003	0,011	0,094	FALSE
-0,011	0,286	0,000	0,013	0,014	FALSE
-0,021	0,290	-0,001	0,010	0,050	FALSE
-0,047	0,297	0,000	0,008	0,019	FALSE
-0,109	0,286	-0,003	0,010	0,111	FALSE
0,110	0,293	0,007	0,015	0,184	FALSE
-0,245	0,269	-0,006	0,008	0,312	FALSE
0,012	0,288	0,000	0,012	0,013	FALSE
-0,132	0,278	-0,005	0,015	0,122	FALSE
0,001	0,284	-0,001	0,007	0,045	FALSE
-0,176	0,286	-0,006	0,013	0,183	FALSE
0,170	0,283	0,004	0,008	0,199	FALSE
0,015	0,303	0,000	0,008	0,016	FALSE
-0,102	0,282	-0,005	0,014	0,131	FALSE
-0,043	0,285	-0,002	0,008	0,093	FALSE
0,031	0,292	-0,001	0,010	0,024	FALSE
-0,090	0,288	-0,002	0,015	0,043	FALSE
-0,057	0,296	-0,002	0,011	0,084	FALSE
-0,105	0,293	-0,001	0,010	0,053	FALSE
-0,051	0,284	-0,001	0,010	0,019	FALSE
-0,035	0,290	0,000	0,009	0,005	FALSE
-0,066	0,284	-0,005	0,013	0,154	FALSE
-0,010	0,270	-0,001	0,009	0,043	FALSE
-0,067	0,290	-0,002	0,008	0,093	FALSE
-0,071	0,285	-0,003	0,007	0,135	FALSE
-0,049	0,292	-0,002	0,008	0,099	FALSE
-0,098	0,278	-0,004	0,014	0,095	FALSE
0,009	0,296	0,000	0,015	0,003	FALSE
-0,014	0,267	-0,002	0,014	0,053	FALSE
0,153	0,283	0,007	0,014	0,194	FALSE
0,126	0,274	0,005	0,010	0,204	FALSE
0,026	0,290	0,000	0,012	0,013	FALSE
0,015	0,287	0,001	0,007	0,032	FALSE
-0,026	0,283	-0,002	0,010	0,075	FALSE
0,033	0,301	0,000	0,013	0,011	FALSE
-0,047	0,293	-0,002	0,010	0,056	FALSE

-0,040	0,283	0,000	0,012	0,001	FALSE
0,155	0,272	0,002	0,007	0,133	FALSE
0,001	0,284	0,001	0,009	0,023	FALSE
-0,066	0,273	-0,003	0,009	0,129	FALSE
-0,169	0,285	-0,004	0,010	0,144	FALSE
0,039	0,292	0,001	0,013	0,018	FALSE
0,120	0,297	0,004	0,011	0,155	FALSE
0,107	0,286	0,004	0,013	0,107	FALSE
-0,018	0,298	0,000	0,008	0,010	FALSE
0,136	0,272	0,006	0,014	0,178	FALSE
-0,053	0,288	-0,003	0,011	0,092	FALSE
0,047	0,297	0,001	0,012	0,030	FALSE
-0,065	0,299	-0,005	0,015	0,131	FALSE
-0,129	0,277	-0,003	0,009	0,141	FALSE
0,011	0,276	0,001	0,009	0,028	FALSE
-0,220	0,273	-0,008	0,014	0,224	FALSE
0,073	0,279	0,002	0,012	0,060	FALSE
0,131	0,288	0,003	0,012	0,102	FALSE
-0,088	0,294	-0,005	0,014	0,149	FALSE
-0,183	0,281	-0,004	0,009	0,170	FALSE
0,067	0,291	0,003	0,014	0,083	FALSE
-0,281	0,267	-0,010	0,011	0,474	FALSE
0,030	0,281	0,004	0,014	0,104	FALSE
-0,111	0,291	-0,004	0,011	0,147	FALSE
-0,076	0,282	-0,003	0,013	0,075	FALSE
-0,065	0,277	-0,003	0,011	0,090	FALSE
0,085	0,281	0,006	0,014	0,185	FALSE
-0,069	0,277	-0,004	0,014	0,119	FALSE
0,088	0,293	0,001	0,008	0,061	FALSE
-0,004	0,280	0,000	0,009	0,007	FALSE
0,213	0,278	0,009	0,014	0,278	FALSE
-0,001	0,268	0,000	0,013	0,002	FALSE
0,061	0,286	0,000	0,009	0,017	FALSE
0,036	0,298	0,002	0,009	0,062	FALSE
0,019	0,281	0,001	0,010	0,019	FALSE
-0,112	0,286	-0,003	0,011	0,112	FALSE
0,027	0,297	0,001	0,010	0,031	FALSE
-0,002	0,278	0,002	0,011	0,081	FALSE
-0,054	0,295	-0,001	0,009	0,025	FALSE
-0,036	0,285	-0,003	0,011	0,112	FALSE
0,037	0,286	0,001	0,010	0,039	FALSE
-0,003	0,291	0,001	0,008	0,025	FALSE
0,042	0,287	0,001	0,007	0,036	FALSE
0,067	0,295	0,004	0,013	0,114	FALSE
0,041	0,292	0,002	0,013	0,054	FALSE
0,075	0,292	0,003	0,013	0,090	FALSE
0,073	0,274	0,001	0,007	0,053	FALSE
-0,229	0,279	-0,008	0,012	0,310	FALSE
-0,128	0,295	-0,003	0,015	0,088	FALSE
-0,152	0,290	-0,003	0,010	0,120	FALSE
0,095	0,291	0,002	0,010	0,060	FALSE
0,030	0,282	0,002	0,008	0,106	FALSE
0,011	0,286	0,000	0,007	0,013	FALSE

0,102	0,305	0,004	0,012	0,142	FALSE
-0,147	0,274	-0,005	0,013	0,174	FALSE
-0,016	0,281	-0,003	0,011	0,128	FALSE
0,139	0,289	0,008	0,015	0,222	FALSE
-0,065	0,281	0,000	0,012	0,013	FALSE
-0,131	0,283	-0,002	0,010	0,089	FALSE
0,025	0,281	0,000	0,012	0,005	FALSE
0,013	0,283	-0,001	0,009	0,028	FALSE
0,039	0,294	0,002	0,011	0,066	FALSE
-0,116	0,293	-0,003	0,014	0,082	FALSE
-0,166	0,292	-0,006	0,013	0,196	FALSE
-0,085	0,277	-0,002	0,012	0,061	FALSE
-0,183	0,285	-0,004	0,009	0,216	FALSE
-0,104	0,288	-0,004	0,014	0,099	FALSE
0,008	0,289	-0,001	0,009	0,024	FALSE
-0,027	0,287	-0,001	0,012	0,026	FALSE
-0,205	0,256	-0,007	0,012	0,257	FALSE
0,139	0,289	0,005	0,009	0,231	FALSE
0,070	0,273	0,000	0,007	0,002	FALSE
0,012	0,290	0,000	0,010	0,005	FALSE
-0,014	0,293	-0,001	0,011	0,027	FALSE
-0,027	0,282	-0,004	0,012	0,140	FALSE
-0,026	0,293	-0,001	0,009	0,036	FALSE
0,065	0,290	0,001	0,013	0,017	FALSE
0,103	0,285	0,004	0,012	0,127	FALSE
0,026	0,288	0,001	0,015	0,015	FALSE
0,088	0,272	0,003	0,011	0,128	FALSE
-0,081	0,294	-0,002	0,009	0,078	FALSE
-0,084	0,287	-0,002	0,009	0,076	FALSE
-0,082	0,285	-0,002	0,010	0,084	FALSE
0,095	0,289	0,004	0,011	0,149	FALSE
0,014	0,276	-0,001	0,011	0,036	FALSE
0,010	0,279	-0,001	0,011	0,029	FALSE
0,004	0,294	0,001	0,014	0,023	FALSE
-0,041	0,303	-0,002	0,011	0,064	FALSE
0,156	0,287	0,006	0,014	0,163	FALSE
0,143	0,279	0,005	0,013	0,146	FALSE
-0,117	0,281	-0,002	0,010	0,087	FALSE
0,036	0,281	0,000	0,008	0,009	FALSE
0,045	0,278	0,001	0,009	0,059	FALSE
-0,048	0,285	-0,004	0,009	0,178	FALSE
-0,014	0,295	-0,001	0,010	0,028	FALSE
0,042	0,307	0,000	0,010	0,004	FALSE
-0,120	0,278	-0,005	0,014	0,129	FALSE
-0,022	0,290	0,000	0,010	0,017	FALSE
-0,099	0,284	-0,003	0,011	0,103	FALSE
0,173	0,274	0,006	0,010	0,240	FALSE
0,086	0,297	0,003	0,011	0,116	FALSE
0,055	0,292	0,001	0,010	0,034	FALSE
-0,014	0,282	-0,002	0,015	0,039	FALSE
-0,153	0,274	-0,004	0,008	0,228	FALSE
-0,055	0,303	-0,003	0,008	0,123	FALSE
-0,218	0,283	-0,005	0,009	0,263	FALSE

-0,061	0,282	0,000	0,014	0,008	FALSE
0,141	0,267	0,002	0,008	0,072	FALSE
0,106	0,294	0,004	0,008	0,218	FALSE
-0,024	0,276	0,000	0,012	0,009	FALSE
-0,027	0,286	-0,002	0,012	0,059	FALSE
0,135	0,287	0,004	0,009	0,161	FALSE
0,033	0,284	-0,001	0,009	0,042	FALSE
-0,048	0,285	-0,003	0,013	0,098	FALSE
-0,037	0,286	-0,001	0,008	0,063	FALSE
-0,068	0,288	-0,003	0,014	0,091	FALSE
0,049	0,260	0,002	0,014	0,061	FALSE
0,028	0,286	0,003	0,010	0,097	FALSE
0,065	0,279	0,007	0,015	0,198	FALSE
-0,131	0,281	-0,003	0,009	0,112	FALSE
-0,033	0,307	0,000	0,009	0,000	FALSE
0,052	0,287	0,004	0,012	0,125	FALSE
0,025	0,277	0,002	0,015	0,037	FALSE
0,023	0,284	0,000	0,015	0,008	FALSE
0,061	0,280	0,002	0,011	0,075	FALSE
0,076	0,290	0,002	0,010	0,097	FALSE
-0,035	0,287	-0,003	0,011	0,098	FALSE
-0,029	0,292	-0,003	0,011	0,114	FALSE
0,029	0,299	0,000	0,014	0,011	FALSE
-0,113	0,284	-0,002	0,007	0,120	FALSE
0,006	0,281	0,000	0,007	0,017	FALSE
0,028	0,305	0,002	0,014	0,046	FALSE
0,018	0,287	0,000	0,008	0,009	FALSE
-0,049	0,294	0,000	0,008	0,002	FALSE
0,061	0,298	0,000	0,012	0,011	FALSE
0,097	0,291	0,004	0,012	0,146	FALSE
-0,005	0,299	-0,001	0,011	0,024	FALSE
-0,008	0,293	0,000	0,013	0,009	FALSE
-0,016	0,283	-0,001	0,011	0,048	FALSE
-0,056	0,297	-0,002	0,014	0,046	FALSE
-0,020	0,288	-0,002	0,011	0,066	FALSE
0,109	0,284	0,005	0,013	0,161	FALSE
0,105	0,283	0,001	0,007	0,072	FALSE
-0,079	0,289	-0,003	0,011	0,111	FALSE
-0,073	0,287	-0,001	0,007	0,038	FALSE
0,135	0,271	0,003	0,008	0,150	FALSE
0,122	0,288	0,004	0,008	0,182	FALSE
-0,096	0,290	-0,002	0,009	0,066	FALSE
0,044	0,296	0,002	0,014	0,055	FALSE
0,012	0,309	0,000	0,015	0,002	FALSE
0,069	0,302	0,001	0,008	0,066	FALSE
0,058	0,281	0,004	0,012	0,137	FALSE
0,043	0,296	0,001	0,008	0,067	FALSE
0,070	0,276	0,002	0,007	0,106	FALSE
0,002	0,299	-0,001	0,013	0,033	FALSE
-0,105	0,274	-0,003	0,007	0,177	FALSE
0,107	0,268	0,008	0,013	0,248	FALSE
0,104	0,286	0,008	0,014	0,222	FALSE
-0,057	0,294	-0,001	0,012	0,021	FALSE

0,180	0,273	0,008	0,012	0,284	FALSE
-0,028	0,288	-0,001	0,008	0,047	FALSE
0,005	0,296	0,002	0,009	0,064	FALSE
0,067	0,289	0,003	0,014	0,073	FALSE
-0,062	0,287	-0,003	0,015	0,078	FALSE
-0,020	0,282	-0,003	0,011	0,101	FALSE
0,244	0,295	0,008	0,011	0,352	FALSE
-0,052	0,299	-0,002	0,010	0,063	FALSE
-0,047	0,290	-0,003	0,014	0,075	FALSE
0,050	0,303	0,002	0,013	0,043	FALSE
0,046	0,297	0,002	0,013	0,042	FALSE
-0,066	0,293	-0,002	0,014	0,065	FALSE
0,018	0,289	0,000	0,007	0,010	FALSE
-0,006	0,312	-0,002	0,015	0,040	FALSE
0,001	0,294	-0,001	0,014	0,033	FALSE
0,044	0,279	0,002	0,014	0,048	FALSE
0,150	0,289	0,003	0,008	0,159	FALSE
-0,041	0,297	-0,005	0,014	0,127	FALSE
-0,074	0,279	-0,007	0,014	0,222	FALSE
0,065	0,278	0,003	0,014	0,095	FALSE
-0,087	0,277	-0,007	0,013	0,218	FALSE
-0,011	0,277	-0,003	0,015	0,088	FALSE
-0,035	0,295	0,000	0,009	0,002	FALSE
-0,028	0,294	0,000	0,008	0,021	FALSE
0,093	0,271	0,003	0,012	0,095	FALSE
-0,062	0,290	-0,001	0,007	0,074	FALSE
0,072	0,265	0,000	0,014	0,011	FALSE
0,010	0,281	0,001	0,008	0,066	FALSE
-0,089	0,283	-0,002	0,012	0,066	FALSE
0,119	0,284	0,002	0,008	0,102	FALSE
-0,050	0,276	0,001	0,010	0,042	FALSE
0,085	0,282	0,002	0,010	0,082	FALSE
0,069	0,293	0,001	0,011	0,030	FALSE
-0,024	0,289	-0,001	0,013	0,016	FALSE
-0,323	0,273	-0,010	0,009	0,560	FALSE
-0,025	0,286	0,000	0,008	0,003	FALSE
-0,286	0,269	-0,008	0,009	0,458	FALSE
-0,090	0,296	-0,006	0,014	0,173	FALSE
0,092	0,304	0,002	0,014	0,060	FALSE
0,135	0,286	0,004	0,013	0,131	FALSE
-0,091	0,282	-0,005	0,013	0,160	FALSE
0,195	0,275	0,004	0,008	0,216	FALSE
0,225	0,276	0,009	0,011	0,384	FALSE
0,110	0,287	0,005	0,013	0,154	FALSE
0,095	0,273	0,004	0,009	0,151	FALSE
0,209	0,290	0,008	0,012	0,297	FALSE
-0,130	0,287	-0,004	0,010	0,183	FALSE
-0,115	0,281	-0,007	0,014	0,196	FALSE
-0,004	0,292	-0,002	0,014	0,038	FALSE
0,059	0,300	0,003	0,012	0,107	FALSE
-0,068	0,283	-0,004	0,015	0,112	FALSE
0,002	0,292	-0,001	0,015	0,031	FALSE
-0,068	0,290	-0,004	0,015	0,113	FALSE

0,038	0,305	0,000	0,012	0,012	FALSE
0,096	0,285	0,003	0,011	0,102	FALSE
-0,072	0,273	-0,003	0,008	0,132	FALSE
0,131	0,270	0,003	0,009	0,159	FALSE
-0,016	0,281	0,000	0,011	0,004	FALSE
-0,024	0,294	0,000	0,012	0,002	FALSE
0,096	0,277	0,002	0,011	0,060	FALSE
0,042	0,287	0,001	0,009	0,045	FALSE
0,019	0,292	0,001	0,010	0,046	FALSE
0,027	0,279	-0,001	0,013	0,031	FALSE
-0,101	0,292	-0,001	0,008	0,068	FALSE
-0,108	0,291	-0,004	0,009	0,177	FALSE
-0,084	0,288	-0,006	0,013	0,176	FALSE
-0,107	0,282	-0,003	0,009	0,129	FALSE
-0,017	0,264	-0,001	0,014	0,029	FALSE
0,056	0,280	0,002	0,013	0,055	FALSE
-0,084	0,292	-0,003	0,010	0,130	FALSE
0,072	0,279	0,003	0,015	0,083	FALSE
0,036	0,280	0,002	0,015	0,046	FALSE
-0,003	0,300	0,001	0,008	0,032	FALSE
-0,033	0,280	-0,001	0,008	0,064	FALSE
-0,002	0,274	0,001	0,008	0,052	FALSE
0,228	0,283	0,010	0,015	0,308	FALSE
-0,178	0,282	-0,007	0,013	0,238	FALSE
-0,090	0,281	-0,003	0,009	0,103	FALSE
-0,149	0,262	-0,007	0,010	0,272	FALSE
-0,142	0,273	-0,006	0,011	0,227	FALSE
0,135	0,292	0,007	0,015	0,207	FALSE
-0,131	0,290	-0,008	0,015	0,229	FALSE
-0,197	0,286	-0,011	0,015	0,363	FALSE
0,007	0,281	-0,004	0,015	0,096	FALSE
-0,167	0,293	-0,005	0,010	0,227	FALSE
-0,023	0,292	0,000	0,010	0,005	FALSE
-0,151	0,290	-0,003	0,007	0,175	FALSE
-0,074	0,277	-0,002	0,010	0,089	FALSE
0,118	0,274	0,002	0,014	0,065	FALSE
0,031	0,300	0,003	0,010	0,118	FALSE
-0,091	0,286	-0,003	0,012	0,083	FALSE
0,069	0,285	0,002	0,010	0,070	FALSE
-0,092	0,289	-0,001	0,008	0,069	FALSE
-0,012	0,273	-0,002	0,010	0,068	FALSE
-0,022	0,282	-0,002	0,010	0,081	FALSE
-0,041	0,256	0,000	0,014	0,011	FALSE
0,125	0,280	0,003	0,015	0,079	FALSE
0,145	0,274	0,004	0,014	0,106	FALSE
-0,247	0,273	-0,011	0,013	0,415	FALSE
-0,220	0,265	-0,009	0,012	0,365	FALSE
0,012	0,277	0,003	0,014	0,093	FALSE
-0,210	0,276	-0,005	0,010	0,220	FALSE
0,018	0,293	0,001	0,008	0,055	FALSE
-0,033	0,277	-0,001	0,011	0,035	FALSE
-0,057	0,278	0,000	0,012	0,011	FALSE
-0,114	0,275	-0,005	0,007	0,287	FALSE

-0,023	0,293	0,000	0,009	0,012	FALSE
0,033	0,285	-0,001	0,012	0,020	FALSE
0,028	0,280	0,002	0,010	0,073	FALSE
0,150	0,267	0,005	0,011	0,177	FALSE
0,143	0,283	0,005	0,010	0,203	FALSE
0,046	0,287	0,001	0,011	0,031	FALSE
-0,136	0,282	-0,003	0,008	0,161	FALSE
-0,090	0,285	-0,002	0,008	0,103	FALSE
-0,097	0,289	-0,002	0,009	0,092	FALSE
-0,090	0,274	-0,003	0,010	0,123	FALSE
0,005	0,283	0,001	0,011	0,035	FALSE
0,011	0,287	0,003	0,013	0,073	FALSE
-0,073	0,286	-0,002	0,008	0,098	FALSE
-0,013	0,285	0,001	0,009	0,034	FALSE
0,126	0,276	0,006	0,012	0,214	FALSE
-0,059	0,264	-0,001	0,009	0,047	FALSE
-0,126	0,286	-0,003	0,008	0,146	FALSE
-0,050	0,296	0,000	0,009	0,007	FALSE
-0,047	0,290	-0,001	0,012	0,021	FALSE
-0,013	0,285	0,000	0,012	0,000	FALSE
-0,071	0,276	-0,002	0,012	0,052	FALSE
0,121	0,288	0,006	0,014	0,177	FALSE
-0,005	0,286	-0,001	0,008	0,063	FALSE
0,064	0,288	0,003	0,014	0,074	FALSE
-0,189	0,264	-0,010	0,014	0,321	FALSE
0,059	0,290	0,001	0,007	0,075	FALSE
0,067	0,290	0,002	0,015	0,039	FALSE
-0,130	0,283	-0,004	0,009	0,181	FALSE
0,009	0,291	0,000	0,009	0,007	FALSE
0,026	0,282	-0,001	0,008	0,050	FALSE
0,096	0,289	0,004	0,012	0,127	FALSE
0,022	0,287	0,000	0,014	0,009	FALSE
-0,001	0,288	0,001	0,009	0,045	FALSE
-0,012	0,283	-0,002	0,014	0,047	FALSE
-0,142	0,293	-0,003	0,009	0,144	FALSE
-0,050	0,296	-0,001	0,009	0,057	FALSE
-0,019	0,293	-0,001	0,011	0,032	FALSE
0,153	0,275	0,005	0,010	0,209	FALSE
0,109	0,274	0,003	0,012	0,116	FALSE
-0,203	0,270	-0,006	0,008	0,367	FALSE
0,151	0,285	0,006	0,013	0,190	FALSE
0,018	0,274	0,002	0,007	0,089	FALSE
0,002	0,276	0,000	0,014	0,005	FALSE
0,052	0,291	-0,001	0,013	0,019	FALSE
0,022	0,295	0,000	0,014	0,002	FALSE
-0,120	0,275	-0,002	0,007	0,131	FALSE
-0,030	0,290	-0,002	0,008	0,085	FALSE
0,083	0,300	0,001	0,014	0,026	FALSE
0,088	0,295	0,002	0,014	0,063	FALSE
-0,027	0,287	0,003	0,009	0,108	FALSE
0,012	0,285	0,000	0,008	0,011	FALSE
-0,031	0,263	0,000	0,010	0,001	FALSE
0,083	0,291	0,002	0,008	0,093	FALSE

0,068	0,277	0,003	0,011	0,098	FALSE
-0,109	0,281	-0,003	0,009	0,116	FALSE
0,105	0,287	0,004	0,012	0,119	FALSE
0,077	0,296	0,004	0,010	0,167	FALSE
0,018	0,283	0,001	0,010	0,029	FALSE
0,026	0,287	0,001	0,007	0,034	FALSE
-0,060	0,291	-0,001	0,009	0,059	FALSE
-0,143	0,295	-0,005	0,013	0,157	FALSE
-0,126	0,282	-0,002	0,007	0,110	FALSE
0,007	0,287	0,001	0,012	0,043	FALSE
0,159	0,264	0,010	0,014	0,304	FALSE
-0,056	0,289	-0,002	0,010	0,082	FALSE
-0,163	0,273	-0,005	0,009	0,228	FALSE
-0,157	0,278	-0,005	0,010	0,217	FALSE
0,101	0,287	0,005	0,014	0,127	FALSE
0,047	0,297	0,001	0,013	0,026	FALSE
-0,184	0,275	-0,005	0,009	0,223	FALSE
-0,038	0,282	-0,001	0,008	0,064	FALSE
0,170	0,269	0,006	0,011	0,242	FALSE
0,089	0,292	0,002	0,008	0,100	FALSE
0,002	0,286	0,001	0,007	0,030	FALSE
-0,016	0,296	-0,001	0,008	0,056	FALSE
-0,171	0,273	-0,004	0,011	0,163	FALSE
-0,020	0,287	0,001	0,014	0,028	FALSE
0,010	0,275	0,002	0,013	0,066	FALSE
-0,118	0,267	-0,007	0,014	0,205	FALSE
0,005	0,296	0,001	0,008	0,038	FALSE
0,040	0,285	0,001	0,011	0,022	FALSE
0,011	0,291	0,002	0,015	0,063	FALSE
-0,055	0,280	-0,001	0,009	0,034	FALSE
-0,071	0,289	-0,002	0,007	0,089	FALSE
0,052	0,272	0,004	0,015	0,097	FALSE
0,079	0,272	0,006	0,015	0,163	FALSE
0,010	0,291	0,002	0,011	0,084	FALSE
-0,009	0,281	-0,002	0,015	0,048	FALSE
-0,043	0,303	-0,001	0,013	0,035	FALSE
0,038	0,286	0,003	0,014	0,077	FALSE
-0,184	0,290	-0,004	0,008	0,205	FALSE
-0,006	0,294	0,003	0,010	0,097	FALSE
0,147	0,281	0,005	0,008	0,277	FALSE
-0,053	0,286	-0,004	0,015	0,102	FALSE
-0,182	0,281	-0,003	0,008	0,180	FALSE
-0,053	0,296	-0,001	0,008	0,038	FALSE
0,091	0,289	0,003	0,015	0,077	FALSE
0,023	0,279	0,000	0,010	0,012	FALSE
0,189	0,289	0,009	0,014	0,282	FALSE
-0,176	0,294	-0,007	0,011	0,265	FALSE
-0,092	0,275	-0,002	0,013	0,052	FALSE
0,072	0,298	0,002	0,011	0,066	FALSE
0,070	0,298	0,002	0,011	0,050	FALSE
0,052	0,285	0,002	0,009	0,062	FALSE
0,048	0,298	0,000	0,011	0,012	FALSE
0,200	0,275	0,004	0,007	0,211	FALSE

-0,036	0,292	-0,001	0,015	0,012	FALSE
-0,087	0,287	-0,004	0,010	0,144	FALSE
0,001	0,286	-0,002	0,014	0,050	FALSE
-0,032	0,289	0,000	0,009	0,016	FALSE
-0,052	0,286	0,000	0,009	0,015	FALSE
0,054	0,288	0,001	0,008	0,034	FALSE
-0,121	0,271	-0,005	0,012	0,189	FALSE
0,039	0,301	0,000	0,015	0,000	FALSE
0,032	0,290	0,001	0,009	0,044	FALSE
-0,024	0,288	-0,001	0,008	0,060	FALSE
0,041	0,281	0,003	0,014	0,083	FALSE
-0,191	0,285	-0,005	0,008	0,235	FALSE
-0,090	0,280	-0,001	0,012	0,026	FALSE
-0,015	0,286	0,001	0,014	0,016	FALSE
-0,045	0,289	0,000	0,013	0,012	FALSE
-0,059	0,282	0,000	0,012	0,004	FALSE
0,103	0,278	0,003	0,012	0,115	FALSE
0,078	0,293	0,002	0,012	0,057	FALSE
-0,029	0,292	0,000	0,010	0,014	FALSE
-0,095	0,270	-0,004	0,009	0,169	FALSE
-0,036	0,288	-0,001	0,007	0,077	FALSE
-0,074	0,282	-0,003	0,012	0,113	FALSE
0,031	0,295	0,002	0,011	0,082	FALSE
0,027	0,282	0,000	0,008	0,005	FALSE
-0,009	0,293	-0,003	0,014	0,084	FALSE
-0,026	0,292	-0,001	0,015	0,033	FALSE
-0,152	0,274	-0,004	0,009	0,189	FALSE
-0,034	0,278	-0,002	0,007	0,100	FALSE
-0,002	0,278	-0,001	0,013	0,016	FALSE
0,120	0,288	0,002	0,010	0,057	FALSE
-0,051	0,282	-0,003	0,013	0,086	FALSE
0,014	0,287	0,000	0,015	0,009	FALSE
-0,033	0,285	0,000	0,015	0,011	FALSE
-0,088	0,279	-0,002	0,009	0,109	FALSE
0,017	0,281	-0,001	0,012	0,024	FALSE
-0,036	0,297	0,000	0,009	0,003	FALSE
0,040	0,279	0,000	0,008	0,009	FALSE
0,060	0,292	0,001	0,012	0,035	FALSE
0,052	0,280	-0,001	0,010	0,038	FALSE
0,109	0,289	0,006	0,010	0,264	FALSE
-0,016	0,290	-0,001	0,011	0,043	FALSE
-0,021	0,300	0,000	0,011	0,007	FALSE
-0,059	0,284	-0,002	0,008	0,091	FALSE
-0,151	0,275	-0,004	0,008	0,206	FALSE
0,000	0,302	0,000	0,011	0,009	FALSE
0,028	0,297	0,001	0,013	0,025	FALSE
0,045	0,297	0,001	0,009	0,053	FALSE
0,058	0,294	0,001	0,008	0,039	FALSE
-0,061	0,277	-0,002	0,009	0,101	FALSE
-0,220	0,277	-0,006	0,009	0,292	FALSE
-0,072	0,293	-0,004	0,013	0,112	FALSE
-0,107	0,291	-0,001	0,008	0,063	FALSE
-0,031	0,293	0,000	0,015	0,003	FALSE

0,068	0,289	0,002	0,014	0,040	FALSE
0,038	0,291	0,000	0,008	0,019	FALSE
0,054	0,285	0,003	0,011	0,086	FALSE
-0,090	0,278	-0,006	0,014	0,173	FALSE
-0,140	0,287	-0,008	0,015	0,236	FALSE
0,095	0,277	0,005	0,011	0,179	FALSE
-0,087	0,297	-0,004	0,013	0,128	FALSE
0,084	0,283	0,003	0,012	0,083	FALSE
-0,071	0,291	-0,002	0,013	0,048	FALSE
0,065	0,287	0,002	0,014	0,055	FALSE
0,105	0,275	0,004	0,012	0,137	FALSE
0,089	0,287	0,003	0,010	0,099	FALSE
0,075	0,286	0,004	0,015	0,104	FALSE
-0,022	0,296	-0,004	0,014	0,107	FALSE
-0,027	0,286	0,000	0,008	0,001	FALSE
-0,021	0,288	0,000	0,008	0,005	FALSE
0,083	0,294	0,002	0,014	0,049	FALSE
-0,095	0,278	-0,003	0,009	0,120	FALSE
0,044	0,290	0,002	0,009	0,067	FALSE
0,072	0,284	0,002	0,010	0,084	FALSE
-0,130	0,295	-0,004	0,010	0,149	FALSE
-0,080	0,291	-0,002	0,008	0,093	FALSE
-0,098	0,282	-0,003	0,008	0,177	FALSE
-0,083	0,296	-0,003	0,008	0,146	FALSE
0,020	0,295	0,000	0,009	0,012	FALSE
0,135	0,277	0,005	0,013	0,151	FALSE
-0,064	0,280	-0,002	0,009	0,094	FALSE
-0,052	0,280	-0,002	0,009	0,083	FALSE
-0,102	0,296	-0,002	0,009	0,074	FALSE
-0,022	0,281	0,001	0,008	0,049	FALSE
0,009	0,291	0,000	0,009	0,016	FALSE
0,014	0,278	0,001	0,009	0,059	FALSE
0,132	0,270	0,006	0,014	0,164	FALSE
-0,025	0,294	0,000	0,008	0,020	FALSE
-0,062	0,277	-0,004	0,014	0,110	FALSE
-0,051	0,272	-0,002	0,009	0,102	FALSE
-0,101	0,281	-0,001	0,010	0,046	FALSE
-0,086	0,296	-0,003	0,008	0,136	FALSE
-0,121	0,272	-0,006	0,014	0,185	FALSE
-0,026	0,276	0,000	0,010	0,002	FALSE
-0,023	0,285	-0,001	0,012	0,018	FALSE
0,125	0,281	0,006	0,010	0,255	FALSE
-0,100	0,277	-0,004	0,011	0,136	FALSE
0,221	0,260	0,005	0,009	0,221	FALSE
-0,152	0,281	-0,004	0,011	0,162	FALSE
0,116	0,287	0,001	0,009	0,037	FALSE
-0,045	0,289	-0,003	0,014	0,070	FALSE
0,041	0,295	0,001	0,008	0,052	FALSE
-0,192	0,277	-0,007	0,011	0,257	FALSE
0,016	0,291	-0,001	0,011	0,028	FALSE
0,054	0,287	0,001	0,009	0,057	FALSE
0,000	0,286	0,000	0,008	0,010	FALSE
0,002	0,305	0,000	0,016	0,004	FALSE

0,100	0,286	0,003	0,010	0,146	FALSE
-0,066	0,281	-0,001	0,007	0,079	FALSE
-0,008	0,291	0,001	0,008	0,032	FALSE
-0,002	0,276	0,001	0,008	0,040	FALSE
0,056	0,298	0,000	0,015	0,011	FALSE
0,013	0,275	-0,002	0,011	0,068	FALSE
-0,059	0,288	0,000	0,011	0,003	FALSE
0,079	0,288	0,002	0,008	0,080	FALSE
-0,056	0,289	-0,002	0,010	0,094	FALSE
0,102	0,293	0,002	0,012	0,046	FALSE
-0,208	0,266	-0,005	0,009	0,225	FALSE
0,059	0,287	0,001	0,013	0,030	FALSE
0,167	0,271	0,005	0,009	0,234	FALSE
0,169	0,267	0,003	0,008	0,182	FALSE
0,035	0,292	0,000	0,015	0,005	FALSE
0,007	0,279	-0,001	0,008	0,024	FALSE
0,127	0,293	0,004	0,008	0,183	FALSE
-0,112	0,280	-0,005	0,013	0,159	FALSE
-0,033	0,285	0,001	0,010	0,033	FALSE
-0,006	0,291	-0,002	0,008	0,071	FALSE
0,017	0,286	0,001	0,009	0,058	FALSE
0,047	0,298	0,002	0,009	0,102	FALSE
0,078	0,291	0,002	0,009	0,085	FALSE
-0,143	0,284	-0,008	0,015	0,234	FALSE
-0,119	0,283	-0,008	0,015	0,222	FALSE
0,085	0,278	0,001	0,010	0,041	FALSE
-0,195	0,290	-0,007	0,013	0,207	FALSE
0,038	0,286	0,002	0,012	0,056	FALSE
-0,168	0,280	-0,006	0,010	0,251	FALSE
0,117	0,287	0,002	0,008	0,080	FALSE
0,024	0,288	0,000	0,009	0,004	FALSE
0,010	0,291	0,001	0,007	0,058	FALSE
0,145	0,291	0,010	0,015	0,303	FALSE
-0,077	0,284	-0,003	0,011	0,108	FALSE
-0,029	0,287	-0,002	0,011	0,053	FALSE
0,078	0,288	0,003	0,014	0,070	FALSE
-0,014	0,293	0,002	0,015	0,038	FALSE
-0,024	0,283	0,000	0,010	0,016	FALSE
-0,180	0,261	-0,008	0,014	0,235	FALSE
-0,234	0,285	-0,007	0,011	0,301	FALSE
-0,095	0,283	-0,002	0,011	0,080	FALSE
-0,013	0,282	0,000	0,014	0,007	FALSE
0,125	0,294	0,007	0,013	0,234	FALSE
-0,103	0,290	-0,003	0,010	0,121	FALSE
-0,049	0,289	-0,004	0,015	0,118	FALSE
-0,020	0,284	0,000	0,013	0,000	FALSE
-0,162	0,281	-0,005	0,008	0,269	FALSE
-0,017	0,284	0,001	0,015	0,034	FALSE
-0,170	0,287	-0,006	0,011	0,230	FALSE
-0,154	0,290	-0,005	0,012	0,179	FALSE
0,111	0,284	0,004	0,014	0,118	FALSE
0,044	0,293	0,001	0,010	0,034	FALSE
0,037	0,289	0,002	0,013	0,055	FALSE

0,064	0,271	0,004	0,011	0,132	FALSE
-0,059	0,278	-0,001	0,015	0,028	FALSE
-0,071	0,278	-0,001	0,015	0,020	FALSE
-0,051	0,281	0,000	0,010	0,006	FALSE
0,025	0,285	-0,002	0,008	0,101	FALSE
0,068	0,293	0,001	0,008	0,070	FALSE
0,092	0,294	0,004	0,014	0,102	FALSE
0,019	0,286	-0,001	0,014	0,028	FALSE
-0,096	0,282	-0,003	0,009	0,115	FALSE
-0,035	0,288	0,000	0,010	0,003	FALSE
0,045	0,275	0,001	0,013	0,020	FALSE
0,129	0,284	0,003	0,011	0,118	FALSE
-0,091	0,274	-0,003	0,014	0,073	FALSE
-0,031	0,293	-0,001	0,008	0,028	FALSE
0,057	0,282	0,002	0,012	0,057	FALSE
0,066	0,295	0,001	0,009	0,041	FALSE
-0,019	0,289	0,000	0,011	0,004	FALSE
0,040	0,297	0,000	0,009	0,018	FALSE
0,010	0,288	0,000	0,008	0,004	FALSE
-0,062	0,284	-0,002	0,010	0,087	FALSE
0,005	0,296	-0,003	0,014	0,067	FALSE
0,054	0,281	0,002	0,009	0,090	FALSE
-0,069	0,288	-0,005	0,014	0,124	FALSE
0,128	0,296	0,007	0,016	0,197	FALSE
0,085	0,294	0,005	0,015	0,118	FALSE
0,113	0,285	0,006	0,015	0,156	FALSE
0,171	0,262	0,004	0,009	0,164	FALSE
0,144	0,281	0,003	0,008	0,170	FALSE
-0,060	0,285	-0,001	0,007	0,066	FALSE
-0,060	0,281	-0,002	0,008	0,069	FALSE
0,042	0,288	0,002	0,014	0,060	FALSE
-0,100	0,274	-0,001	0,007	0,057	FALSE
-0,081	0,285	0,000	0,008	0,022	FALSE
-0,073	0,276	0,000	0,008	0,006	FALSE
0,092	0,293	0,003	0,013	0,102	FALSE
-0,087	0,284	-0,001	0,007	0,073	FALSE
0,031	0,291	0,001	0,015	0,018	FALSE
0,037	0,291	0,001	0,015	0,037	FALSE
0,115	0,276	0,002	0,008	0,092	FALSE
-0,072	0,295	-0,002	0,015	0,036	FALSE
-0,047	0,288	-0,001	0,008	0,053	FALSE
-0,045	0,285	-0,002	0,014	0,065	FALSE
0,012	0,299	-0,001	0,014	0,013	FALSE
0,059	0,287	0,003	0,014	0,070	FALSE
-0,199	0,285	-0,005	0,008	0,269	FALSE
-0,083	0,291	-0,006	0,014	0,163	FALSE
-0,099	0,289	-0,003	0,010	0,105	FALSE
-0,048	0,293	-0,002	0,014	0,051	FALSE
0,111	0,276	0,003	0,012	0,086	FALSE
0,055	0,294	0,001	0,008	0,043	FALSE
0,053	0,269	0,003	0,013	0,087	FALSE
-0,222	0,288	-0,006	0,009	0,267	FALSE
-0,206	0,269	-0,004	0,007	0,256	FALSE

-0,217	0,267	-0,005	0,008	0,285	FALSE
0,169	0,291	0,006	0,012	0,225	FALSE
0,040	0,285	0,003	0,009	0,127	FALSE
-0,059	0,289	-0,001	0,008	0,054	FALSE
0,119	0,275	0,007	0,014	0,222	FALSE
-0,110	0,283	-0,003	0,008	0,160	FALSE
0,061	0,279	0,001	0,008	0,028	FALSE
-0,098	0,282	-0,003	0,010	0,110	FALSE
0,074	0,288	0,002	0,011	0,077	FALSE
-0,093	0,294	-0,003	0,015	0,077	FALSE
-0,094	0,285	-0,002	0,008	0,124	FALSE
-0,014	0,286	-0,001	0,010	0,031	FALSE
0,064	0,297	0,002	0,009	0,064	FALSE
0,011	0,289	-0,001	0,009	0,058	FALSE
-0,095	0,289	-0,002	0,008	0,075	FALSE
-0,065	0,284	-0,003	0,009	0,119	FALSE
-0,051	0,276	0,000	0,014	0,002	FALSE
-0,089	0,284	-0,002	0,011	0,060	FALSE
-0,029	0,301	-0,001	0,008	0,067	FALSE
0,041	0,285	0,002	0,009	0,075	FALSE
-0,034	0,294	-0,001	0,009	0,023	FALSE
-0,052	0,284	-0,002	0,012	0,059	FALSE
-0,021	0,286	0,000	0,012	0,001	FALSE
0,201	0,279	0,005	0,008	0,283	FALSE
0,123	0,304	0,003	0,009	0,151	FALSE
-0,060	0,260	-0,002	0,012	0,068	FALSE
-0,037	0,287	-0,001	0,008	0,035	FALSE
0,031	0,278	0,001	0,007	0,049	FALSE
-0,111	0,277	-0,002	0,008	0,124	FALSE
0,084	0,289	0,004	0,013	0,138	FALSE
-0,028	0,285	0,000	0,010	0,001	FALSE
0,073	0,288	0,003	0,013	0,089	FALSE
0,116	0,288	0,005	0,015	0,146	FALSE
0,033	0,285	0,002	0,009	0,077	FALSE
-0,027	0,278	-0,002	0,014	0,039	FALSE
-0,157	0,285	-0,003	0,007	0,196	FALSE
0,082	0,296	0,002	0,013	0,054	FALSE
-0,012	0,277	0,000	0,012	0,007	FALSE
-0,128	0,295	-0,003	0,007	0,154	FALSE
0,038	0,284	0,001	0,014	0,037	FALSE
0,106	0,280	0,003	0,008	0,169	FALSE
0,059	0,276	0,001	0,007	0,063	FALSE
-0,003	0,290	0,000	0,014	0,003	FALSE
-0,064	0,298	-0,001	0,011	0,016	FALSE
-0,076	0,280	-0,001	0,015	0,025	FALSE
0,054	0,282	0,002	0,008	0,117	FALSE
0,147	0,271	0,005	0,015	0,140	FALSE
0,011	0,288	-0,002	0,014	0,042	FALSE
0,031	0,284	0,001	0,011	0,047	FALSE
0,133	0,291	0,004	0,010	0,161	FALSE
0,148	0,281	0,006	0,015	0,168	FALSE
0,121	0,295	0,005	0,011	0,193	FALSE
-0,095	0,296	-0,002	0,010	0,060	FALSE

0,009	0,288	0,000	0,009	0,013	FALSE
0,080	0,276	0,003	0,009	0,127	FALSE
0,070	0,303	0,003	0,011	0,123	FALSE
-0,065	0,296	0,000	0,015	0,005	FALSE
-0,056	0,287	-0,001	0,011	0,043	FALSE
-0,002	0,278	-0,001	0,009	0,062	FALSE
0,024	0,277	0,000	0,012	0,008	FALSE
0,099	0,286	0,003	0,010	0,132	FALSE
-0,118	0,288	-0,003	0,010	0,111	FALSE
0,045	0,277	0,002	0,012	0,071	FALSE
0,009	0,296	0,001	0,011	0,022	FALSE
-0,037	0,278	0,000	0,010	0,010	FALSE
0,069	0,288	0,006	0,015	0,152	FALSE
-0,075	0,275	-0,004	0,009	0,171	FALSE
0,023	0,293	0,001	0,011	0,033	FALSE
-0,060	0,282	-0,004	0,012	0,126	FALSE
0,074	0,294	0,002	0,013	0,071	FALSE
0,085	0,294	0,003	0,013	0,079	FALSE
0,086	0,278	0,003	0,013	0,081	FALSE
0,027	0,279	0,000	0,009	0,012	FALSE
0,150	0,287	0,006	0,014	0,171	FALSE
0,064	0,276	0,001	0,008	0,029	FALSE
0,100	0,273	0,002	0,009	0,069	FALSE
-0,064	0,295	-0,002	0,012	0,074	FALSE
-0,017	0,296	-0,001	0,010	0,029	FALSE
0,071	0,284	0,001	0,009	0,023	FALSE
0,070	0,290	0,003	0,007	0,145	FALSE
-0,032	0,282	-0,003	0,013	0,081	FALSE
0,002	0,293	0,000	0,010	0,001	FALSE
-0,028	0,293	0,000	0,010	0,012	FALSE
0,050	0,287	0,002	0,013	0,059	FALSE
-0,171	0,281	-0,010	0,015	0,283	FALSE
-0,199	0,274	-0,006	0,009	0,338	FALSE
-0,047	0,297	0,001	0,010	0,022	FALSE
0,016	0,291	-0,001	0,010	0,046	FALSE
-0,114	0,278	-0,004	0,012	0,134	FALSE
0,003	0,292	0,000	0,008	0,016	FALSE
0,001	0,287	0,000	0,012	0,006	FALSE
-0,094	0,284	-0,002	0,011	0,059	FALSE
-0,051	0,288	-0,002	0,008	0,098	FALSE
0,013	0,289	0,001	0,014	0,029	FALSE
-0,079	0,276	-0,004	0,011	0,130	FALSE
0,157	0,290	0,007	0,015	0,211	FALSE
-0,055	0,295	-0,003	0,013	0,092	FALSE
0,007	0,297	0,002	0,010	0,068	FALSE
0,041	0,281	0,002	0,009	0,070	FALSE
0,030	0,279	0,000	0,009	0,008	FALSE
0,010	0,294	0,001	0,009	0,054	FALSE
-0,064	0,291	-0,003	0,010	0,116	FALSE
0,067	0,287	0,001	0,011	0,043	FALSE
0,085	0,291	0,003	0,011	0,087	FALSE
-0,103	0,280	-0,005	0,014	0,136	FALSE
0,132	0,283	0,003	0,011	0,105	FALSE

-0,110	0,298	-0,005	0,013	0,145	FALSE
-0,083	0,300	-0,002	0,014	0,064	FALSE
0,050	0,295	0,000	0,009	0,012	FALSE
-0,016	0,286	-0,001	0,014	0,017	FALSE
0,045	0,277	0,002	0,012	0,055	FALSE
-0,302	0,263	-0,016	0,013	0,622	FALSE
-0,006	0,283	0,000	0,014	0,005	FALSE
0,169	0,287	0,007	0,013	0,227	FALSE
0,154	0,268	0,004	0,010	0,171	FALSE
0,015	0,276	-0,003	0,014	0,078	FALSE
0,074	0,279	0,001	0,009	0,026	FALSE
-0,066	0,293	-0,002	0,010	0,080	FALSE
0,174	0,289	0,008	0,015	0,218	FALSE
-0,034	0,295	0,000	0,010	0,018	FALSE
-0,067	0,277	-0,002	0,013	0,058	FALSE
-0,075	0,284	-0,003	0,011	0,099	FALSE
-0,036	0,288	-0,001	0,011	0,035	FALSE
-0,194	0,286	-0,006	0,008	0,313	FALSE
-0,147	0,278	-0,005	0,014	0,147	FALSE
-0,134	0,293	-0,004	0,015	0,095	FALSE
-0,034	0,276	0,000	0,012	0,012	FALSE
-0,085	0,282	-0,003	0,013	0,077	FALSE
-0,065	0,285	-0,002	0,013	0,042	FALSE
-0,087	0,282	-0,002	0,008	0,084	FALSE
-0,112	0,284	-0,003	0,011	0,115	FALSE
-0,079	0,271	-0,003	0,013	0,074	FALSE
0,032	0,294	0,003	0,012	0,079	FALSE
0,193	0,289	0,006	0,010	0,275	FALSE
0,154	0,291	0,004	0,010	0,177	FALSE
0,024	0,296	0,000	0,009	0,008	FALSE
0,026	0,294	0,001	0,014	0,034	FALSE
0,075	0,283	0,003	0,011	0,111	FALSE
0,071	0,308	0,003	0,012	0,099	FALSE
-0,055	0,278	-0,004	0,010	0,139	FALSE
0,045	0,283	0,003	0,011	0,104	FALSE
-0,095	0,298	-0,006	0,015	0,156	FALSE
-0,003	0,282	-0,001	0,011	0,052	FALSE
-0,148	0,288	-0,005	0,011	0,178	FALSE
-0,160	0,278	-0,005	0,010	0,200	FALSE
-0,164	0,290	-0,005	0,011	0,182	FALSE
-0,177	0,284	-0,008	0,013	0,251	FALSE
-0,178	0,293	-0,008	0,014	0,242	FALSE
-0,012	0,289	0,001	0,012	0,034	FALSE
-0,026	0,279	-0,002	0,007	0,095	FALSE
0,141	0,281	0,006	0,013	0,186	FALSE
-0,021	0,288	0,000	0,011	0,007	FALSE
0,105	0,282	0,005	0,013	0,151	FALSE
0,116	0,281	0,001	0,007	0,054	FALSE
-0,155	0,282	-0,005	0,011	0,170	FALSE
0,031	0,288	0,000	0,013	0,009	FALSE
-0,029	0,289	-0,002	0,015	0,049	FALSE
-0,125	0,293	-0,006	0,015	0,156	FALSE
-0,244	0,266	-0,012	0,015	0,361	FALSE

0,114	0,284	0,004	0,009	0,194	FALSE
-0,029	0,275	-0,002	0,011	0,061	FALSE
-0,053	0,283	-0,002	0,012	0,075	FALSE
0,145	0,279	0,004	0,010	0,157	FALSE
-0,010	0,288	0,001	0,013	0,019	FALSE
-0,010	0,287	0,000	0,013	0,012	FALSE
0,016	0,294	0,001	0,015	0,013	FALSE
0,044	0,288	0,003	0,015	0,065	FALSE
-0,020	0,296	0,000	0,008	0,014	FALSE
0,095	0,298	0,003	0,010	0,131	FALSE
-0,127	0,283	-0,005	0,014	0,125	FALSE
-0,205	0,286	-0,005	0,009	0,226	FALSE
0,189	0,280	0,007	0,011	0,300	FALSE
0,099	0,290	0,006	0,015	0,166	FALSE
0,075	0,299	0,002	0,012	0,070	FALSE
0,120	0,291	0,003	0,008	0,125	FALSE
-0,031	0,287	-0,001	0,008	0,045	FALSE
-0,124	0,282	-0,002	0,007	0,130	FALSE
-0,078	0,279	-0,002	0,007	0,098	FALSE
-0,033	0,274	-0,002	0,010	0,081	FALSE
-0,035	0,296	-0,001	0,007	0,076	FALSE
0,043	0,293	-0,001	0,015	0,034	FALSE
-0,182	0,290	-0,005	0,009	0,248	FALSE
-0,132	0,288	-0,002	0,008	0,092	FALSE
-0,095	0,269	-0,005	0,013	0,165	FALSE
0,010	0,293	0,002	0,015	0,047	FALSE
-0,030	0,296	-0,003	0,015	0,080	FALSE
-0,063	0,286	-0,001	0,008	0,052	FALSE
-0,008	0,300	0,000	0,010	0,002	FALSE
0,062	0,286	0,002	0,008	0,088	FALSE
0,111	0,282	0,009	0,013	0,314	FALSE
-0,083	0,289	-0,001	0,009	0,026	FALSE
-0,071	0,297	-0,003	0,014	0,071	FALSE
0,077	0,287	0,000	0,011	0,002	FALSE
0,096	0,292	0,004	0,011	0,141	FALSE
0,083	0,292	0,002	0,014	0,047	FALSE
-0,013	0,287	0,000	0,009	0,004	FALSE
-0,030	0,285	-0,001	0,009	0,059	FALSE
-0,033	0,289	-0,002	0,011	0,066	FALSE
-0,122	0,268	-0,006	0,014	0,185	FALSE
0,001	0,288	-0,002	0,012	0,066	FALSE
-0,014	0,271	0,000	0,014	0,005	FALSE
-0,094	0,302	-0,003	0,012	0,102	FALSE
-0,006	0,292	0,000	0,008	0,002	FALSE
-0,096	0,281	-0,002	0,009	0,072	FALSE
0,024	0,269	0,001	0,013	0,037	FALSE
0,113	0,299	0,006	0,010	0,233	FALSE
0,111	0,285	0,003	0,008	0,155	FALSE
-0,026	0,290	-0,002	0,013	0,045	FALSE
0,129	0,270	0,002	0,010	0,060	FALSE
-0,101	0,277	-0,002	0,008	0,087	FALSE
0,053	0,284	0,000	0,010	0,003	FALSE
0,071	0,285	0,007	0,014	0,195	FALSE

-0,109	0,289	-0,005	0,013	0,166	FALSE
-0,133	0,287	-0,006	0,012	0,200	FALSE
0,086	0,287	0,006	0,013	0,211	FALSE
0,045	0,286	0,002	0,008	0,082	FALSE
0,059	0,283	-0,001	0,014	0,017	FALSE
-0,076	0,291	-0,002	0,009	0,091	FALSE
0,002	0,285	0,001	0,015	0,034	FALSE
0,059	0,286	-0,001	0,012	0,029	FALSE
0,000	0,269	-0,001	0,010	0,049	FALSE
0,054	0,294	0,000	0,012	0,010	FALSE
-0,063	0,290	-0,002	0,008	0,101	FALSE
-0,036	0,295	0,000	0,009	0,010	FALSE
0,087	0,279	0,002	0,007	0,140	FALSE
0,066	0,283	0,003	0,007	0,132	FALSE
0,010	0,304	0,001	0,015	0,023	FALSE
0,084	0,297	0,003	0,010	0,112	FALSE
0,070	0,283	0,002	0,010	0,093	FALSE
-0,096	0,289	-0,003	0,013	0,101	FALSE
-0,084	0,279	-0,001	0,009	0,044	FALSE
0,072	0,294	0,001	0,009	0,028	FALSE
0,040	0,300	0,003	0,015	0,067	FALSE
-0,019	0,297	-0,001	0,008	0,023	FALSE
-0,183	0,264	-0,004	0,009	0,198	FALSE
0,041	0,291	0,003	0,014	0,081	FALSE
0,116	0,305	0,002	0,008	0,107	FALSE
-0,018	0,283	0,000	0,013	0,007	FALSE
-0,020	0,276	0,000	0,012	0,006	FALSE
-0,027	0,270	-0,004	0,010	0,140	FALSE
0,085	0,293	0,003	0,008	0,157	FALSE
0,002	0,268	-0,002	0,008	0,112	FALSE
-0,131	0,281	-0,003	0,008	0,133	FALSE
-0,050	0,293	-0,001	0,007	0,060	FALSE
-0,189	0,283	-0,006	0,010	0,239	FALSE
-0,069	0,281	0,000	0,009	0,008	FALSE
0,042	0,290	0,000	0,013	0,013	FALSE
0,115	0,272	0,006	0,014	0,170	FALSE
-0,159	0,280	-0,008	0,015	0,233	FALSE
-0,305	0,257	-0,013	0,013	0,475	FALSE
0,211	0,280	0,006	0,012	0,224	FALSE
0,013	0,294	0,002	0,014	0,057	FALSE
0,067	0,288	0,002	0,009	0,062	FALSE
-0,140	0,284	-0,003	0,008	0,172	FALSE
-0,091	0,282	0,000	0,013	0,008	FALSE
0,108	0,283	0,003	0,013	0,093	FALSE
0,038	0,287	0,001	0,013	0,015	FALSE
-0,142	0,298	-0,003	0,009	0,147	FALSE
0,037	0,287	0,001	0,014	0,023	FALSE
0,091	0,280	0,004	0,009	0,190	FALSE
0,077	0,293	0,003	0,008	0,124	FALSE
0,164	0,274	0,006	0,013	0,197	FALSE
0,138	0,293	0,005	0,010	0,206	FALSE
0,097	0,268	0,002	0,010	0,085	FALSE
-0,008	0,306	0,000	0,012	0,013	FALSE

0,098	0,316	0,004	0,015	0,091	FALSE
-0,043	0,279	-0,001	0,012	0,016	FALSE
0,042	0,290	0,003	0,013	0,072	FALSE
-0,024	0,283	-0,001	0,010	0,036	FALSE
-0,006	0,282	-0,001	0,010	0,029	FALSE
-0,066	0,291	-0,002	0,008	0,112	FALSE
-0,059	0,291	0,000	0,008	0,008	FALSE
-0,007	0,295	-0,001	0,010	0,022	FALSE
0,009	0,302	0,000	0,011	0,001	FALSE
-0,199	0,281	-0,006	0,009	0,319	FALSE
0,040	0,282	0,001	0,014	0,037	FALSE
-0,133	0,285	-0,002	0,008	0,106	FALSE
-0,007	0,285	0,001	0,014	0,013	FALSE
-0,092	0,281	-0,006	0,015	0,147	FALSE
-0,072	0,272	0,000	0,008	0,005	FALSE
-0,084	0,275	0,000	0,008	0,015	FALSE
0,172	0,289	0,007	0,012	0,258	FALSE
0,086	0,285	0,003	0,012	0,110	FALSE
0,065	0,268	0,001	0,006	0,086	FALSE
-0,086	0,285	-0,001	0,008	0,037	FALSE
-0,047	0,283	-0,001	0,007	0,063	FALSE
0,048	0,279	0,004	0,012	0,143	FALSE
-0,210	0,270	-0,007	0,009	0,318	FALSE
0,092	0,284	0,006	0,014	0,156	FALSE
0,089	0,284	0,005	0,014	0,141	FALSE
0,073	0,285	0,005	0,015	0,131	FALSE
0,091	0,290	0,005	0,014	0,152	FALSE
0,090	0,284	0,005	0,014	0,140	FALSE
0,017	0,286	0,000	0,012	0,006	FALSE
0,123	0,288	0,006	0,011	0,242	FALSE
0,086	0,289	0,005	0,012	0,153	FALSE
0,103	0,279	0,006	0,011	0,209	FALSE
0,103	0,290	0,005	0,012	0,185	FALSE
0,208	0,276	0,004	0,008	0,234	FALSE
0,075	0,277	0,001	0,015	0,022	FALSE
0,152	0,274	0,003	0,008	0,171	FALSE
0,017	0,290	-0,001	0,009	0,052	FALSE
-0,031	0,280	-0,001	0,014	0,026	FALSE
-0,048	0,291	-0,002	0,014	0,061	FALSE
-0,081	0,285	-0,001	0,008	0,068	FALSE
0,077	0,267	0,001	0,008	0,041	FALSE
-0,048	0,307	-0,003	0,015	0,074	FALSE
-0,077	0,296	-0,005	0,016	0,112	FALSE
-0,118	0,295	-0,003	0,009	0,144	FALSE
0,049	0,273	0,000	0,008	0,013	FALSE
-0,070	0,267	-0,002	0,007	0,098	FALSE
0,074	0,272	0,001	0,008	0,039	FALSE
-0,016	0,290	-0,002	0,010	0,089	FALSE
-0,097	0,301	-0,004	0,011	0,148	FALSE
-0,150	0,288	-0,004	0,014	0,125	FALSE
-0,045	0,287	-0,001	0,011	0,046	FALSE
0,144	0,285	0,007	0,011	0,273	FALSE
0,096	0,296	0,005	0,011	0,166	FALSE

0,122	0,283	0,002	0,008	0,128	FALSE
0,109	0,275	0,002	0,008	0,080	FALSE
-0,050	0,296	-0,003	0,014	0,077	FALSE
-0,065	0,286	-0,003	0,011	0,095	FALSE
-0,022	0,282	-0,001	0,008	0,032	FALSE
0,001	0,276	-0,001	0,012	0,016	FALSE
0,131	0,286	0,005	0,013	0,165	FALSE
0,202	0,266	0,004	0,007	0,231	FALSE
0,099	0,282	0,006	0,012	0,189	FALSE
-0,036	0,279	0,000	0,007	0,011	FALSE
0,102	0,297	0,004	0,013	0,127	FALSE
0,072	0,280	0,003	0,008	0,133	FALSE
0,141	0,282	0,004	0,009	0,217	FALSE
-0,140	0,291	-0,007	0,014	0,207	FALSE
0,162	0,277	0,006	0,015	0,161	FALSE
-0,014	0,286	-0,001	0,008	0,027	FALSE
0,148	0,283	0,004	0,009	0,188	FALSE
0,170	0,296	0,007	0,009	0,336	FALSE
-0,142	0,280	-0,006	0,012	0,228	FALSE
-0,147	0,282	-0,003	0,012	0,101	FALSE
-0,153	0,293	-0,004	0,012	0,144	FALSE
0,069	0,280	0,001	0,009	0,052	FALSE
-0,208	0,276	-0,007	0,015	0,207	FALSE
-0,234	0,259	-0,009	0,014	0,280	FALSE
-0,206	0,279	-0,006	0,009	0,310	FALSE
-0,111	0,287	-0,002	0,008	0,086	FALSE
0,025	0,288	0,001	0,008	0,061	FALSE
0,054	0,273	0,000	0,008	0,013	FALSE
-0,019	0,268	-0,002	0,010	0,095	FALSE
-0,011	0,279	0,000	0,012	0,002	FALSE
0,005	0,284	0,000	0,015	0,009	FALSE
0,036	0,287	0,001	0,009	0,046	FALSE
0,047	0,286	0,001	0,007	0,059	FALSE
0,285	0,275	0,011	0,014	0,391	FALSE
-0,001	0,299	0,000	0,014	0,012	FALSE
0,220	0,273	0,012	0,015	0,390	FALSE
0,222	0,274	0,012	0,015	0,401	FALSE
0,150	0,286	0,006	0,012	0,204	FALSE
0,194	0,285	0,008	0,014	0,258	FALSE
-0,057	0,276	-0,001	0,009	0,038	FALSE
0,099	0,303	0,004	0,016	0,097	FALSE
-0,004	0,276	-0,001	0,011	0,021	FALSE
0,130	0,281	0,004	0,009	0,192	FALSE
0,148	0,296	0,004	0,012	0,149	FALSE
0,071	0,284	0,002	0,013	0,054	FALSE
-0,059	0,287	-0,002	0,010	0,081	FALSE
-0,013	0,293	-0,001	0,013	0,025	FALSE
0,070	0,277	0,003	0,010	0,132	FALSE
-0,110	0,289	-0,004	0,014	0,105	FALSE
-0,187	0,265	-0,005	0,012	0,154	FALSE
-0,003	0,294	0,000	0,014	0,011	FALSE
-0,018	0,275	-0,003	0,014	0,070	FALSE
-0,119	0,279	-0,006	0,011	0,246	FALSE

0,017	0,274	0,000	0,011	0,004	FALSE
0,017	0,284	0,000	0,008	0,022	FALSE
0,038	0,295	0,000	0,015	0,008	FALSE
0,118	0,291	0,004	0,007	0,243	FALSE
0,057	0,281	-0,002	0,014	0,060	FALSE
0,139	0,274	0,002	0,008	0,070	FALSE
-0,254	0,277	-0,013	0,015	0,418	FALSE
-0,019	0,272	0,002	0,011	0,073	FALSE
0,125	0,274	0,003	0,013	0,092	FALSE
-0,029	0,295	0,000	0,012	0,015	FALSE
0,096	0,287	0,001	0,015	0,036	FALSE
-0,203	0,280	-0,007	0,012	0,252	FALSE
0,006	0,288	0,000	0,013	0,003	FALSE
-0,050	0,284	0,000	0,011	0,011	FALSE
-0,050	0,301	0,000	0,008	0,012	FALSE
0,005	0,300	0,000	0,008	0,016	FALSE
0,052	0,304	0,003	0,014	0,073	FALSE
0,065	0,283	0,002	0,010	0,072	FALSE
-0,044	0,288	0,000	0,011	0,015	FALSE
-0,011	0,300	0,002	0,013	0,044	FALSE
-0,032	0,293	0,000	0,008	0,015	FALSE
0,069	0,295	0,001	0,010	0,038	FALSE
0,015	0,291	-0,001	0,008	0,035	FALSE
-0,081	0,282	-0,004	0,010	0,165	FALSE
0,234	0,287	0,012	0,014	0,389	FALSE
0,277	0,270	0,011	0,012	0,439	FALSE
0,137	0,282	0,007	0,010	0,290	FALSE
0,018	0,297	-0,001	0,010	0,021	FALSE
-0,045	0,296	0,000	0,014	0,004	FALSE
0,075	0,275	0,002	0,009	0,078	FALSE
-0,013	0,283	0,000	0,009	0,014	FALSE
-0,010	0,303	0,003	0,016	0,072	FALSE
-0,094	0,281	0,000	0,011	0,002	FALSE
-0,047	0,276	-0,001	0,008	0,043	FALSE
-0,022	0,290	-0,001	0,009	0,037	FALSE
0,050	0,284	0,002	0,015	0,044	FALSE
-0,015	0,271	-0,002	0,011	0,085	FALSE
0,192	0,276	0,006	0,010	0,269	FALSE
0,040	0,287	0,001	0,008	0,059	FALSE
-0,052	0,293	-0,002	0,013	0,062	FALSE
0,254	0,276	0,009	0,012	0,362	FALSE
-0,175	0,279	-0,009	0,015	0,252	FALSE
-0,021	0,301	-0,001	0,011	0,047	FALSE
-0,065	0,283	-0,002	0,011	0,062	FALSE
-0,032	0,297	0,000	0,014	0,011	FALSE
-0,066	0,283	0,000	0,012	0,006	FALSE
0,115	0,296	0,005	0,013	0,166	FALSE
-0,103	0,299	-0,003	0,009	0,103	FALSE
-0,145	0,289	-0,004	0,011	0,153	FALSE
0,041	0,290	0,003	0,012	0,111	FALSE
-0,115	0,282	-0,003	0,010	0,103	FALSE
-0,104	0,295	-0,002	0,010	0,076	FALSE
-0,036	0,265	0,002	0,014	0,063	FALSE

0,092	0,301	0,002	0,009	0,066	FALSE
0,052	0,287	-0,001	0,007	0,033	FALSE
0,081	0,289	0,000	0,008	0,009	FALSE
0,156	0,280	0,004	0,011	0,156	FALSE
-0,105	0,277	-0,003	0,007	0,162	FALSE
0,150	0,289	0,006	0,014	0,193	FALSE
-0,120	0,291	-0,003	0,011	0,106	FALSE
0,031	0,298	0,002	0,008	0,075	FALSE
0,102	0,272	0,003	0,007	0,174	FALSE
0,054	0,283	0,001	0,007	0,036	FALSE
-0,035	0,289	0,001	0,010	0,022	FALSE
-0,008	0,293	0,001	0,011	0,050	FALSE
-0,030	0,281	0,000	0,011	0,006	FALSE
-0,004	0,280	0,001	0,010	0,052	FALSE
0,139	0,272	0,004	0,008	0,210	FALSE
-0,082	0,277	-0,005	0,015	0,142	FALSE
-0,049	0,295	-0,002	0,010	0,078	FALSE
-0,081	0,298	-0,002	0,010	0,088	FALSE
0,004	0,298	-0,001	0,010	0,025	FALSE
-0,007	0,306	-0,001	0,010	0,033	FALSE
0,033	0,291	0,001	0,010	0,028	FALSE
-0,002	0,301	-0,001	0,011	0,049	FALSE
0,097	0,269	0,001	0,013	0,028	FALSE
0,094	0,291	0,001	0,014	0,033	FALSE
-0,014	0,288	-0,001	0,008	0,030	FALSE
0,082	0,284	0,003	0,013	0,074	FALSE
0,037	0,289	0,001	0,010	0,047	FALSE
0,066	0,281	0,000	0,012	0,009	FALSE
0,171	0,275	0,004	0,008	0,207	FALSE
0,035	0,290	0,002	0,009	0,094	FALSE
0,038	0,290	-0,001	0,010	0,024	FALSE
0,040	0,292	0,000	0,009	0,011	FALSE
0,125	0,281	0,006	0,011	0,219	FALSE
0,096	0,291	0,004	0,012	0,154	FALSE
0,023	0,275	0,000	0,014	0,001	FALSE
0,133	0,298	0,004	0,010	0,138	FALSE
-0,161	0,283	-0,004	0,011	0,149	FALSE
-0,020	0,280	-0,001	0,008	0,055	FALSE
-0,034	0,282	0,000	0,010	0,011	FALSE
-0,117	0,287	-0,003	0,008	0,119	FALSE
0,001	0,301	0,001	0,009	0,028	FALSE
0,026	0,293	0,001	0,015	0,014	FALSE
-0,092	0,279	-0,005	0,010	0,194	FALSE
-0,025	0,269	0,000	0,014	0,011	FALSE
0,090	0,289	0,002	0,007	0,109	FALSE
-0,052	0,272	-0,001	0,007	0,041	FALSE
-0,078	0,290	-0,001	0,008	0,058	FALSE
-0,041	0,290	-0,001	0,010	0,028	FALSE
-0,127	0,294	-0,003	0,008	0,142	FALSE
0,063	0,276	0,001	0,010	0,044	FALSE
0,068	0,291	0,004	0,009	0,163	FALSE
0,016	0,286	0,003	0,015	0,085	FALSE
0,011	0,302	0,000	0,008	0,022	FALSE

0,099	0,294	0,003	0,012	0,104	FALSE
-0,176	0,277	-0,005	0,009	0,238	FALSE
-0,078	0,292	-0,003	0,014	0,079	FALSE
0,068	0,284	0,001	0,008	0,064	FALSE
0,123	0,280	0,004	0,008	0,227	FALSE
0,029	0,291	0,001	0,013	0,032	FALSE
0,120	0,283	0,006	0,013	0,184	FALSE
0,331	0,255	0,014	0,014	0,476	FALSE
0,061	0,272	0,003	0,011	0,092	FALSE
0,007	0,284	0,001	0,008	0,037	FALSE
-0,081	0,282	-0,004	0,011	0,152	FALSE
-0,054	0,284	-0,002	0,013	0,051	FALSE
-0,197	0,270	-0,007	0,013	0,244	FALSE
-0,113	0,273	-0,003	0,013	0,083	FALSE
-0,162	0,271	-0,006	0,014	0,182	FALSE
-0,005	0,285	-0,001	0,012	0,026	FALSE
-0,012	0,282	-0,002	0,012	0,050	FALSE
-0,014	0,295	-0,002	0,012	0,060	FALSE
-0,069	0,288	-0,002	0,009	0,063	FALSE
-0,051	0,280	-0,001	0,011	0,042	FALSE
0,031	0,286	0,000	0,014	0,001	FALSE
0,037	0,278	0,000	0,013	0,011	FALSE
-0,095	0,286	-0,004	0,014	0,105	FALSE
0,088	0,278	0,002	0,008	0,077	FALSE
-0,088	0,268	-0,003	0,009	0,113	FALSE
0,027	0,288	0,001	0,007	0,045	FALSE
0,076	0,291	0,001	0,008	0,056	FALSE
-0,109	0,287	-0,002	0,008	0,094	FALSE
0,001	0,282	-0,001	0,012	0,019	FALSE
-0,165	0,265	-0,004	0,007	0,234	FALSE
-0,085	0,287	0,000	0,009	0,006	FALSE
0,147	0,279	0,002	0,009	0,064	FALSE
-0,106	0,295	-0,003	0,009	0,154	FALSE
-0,178	0,290	-0,009	0,014	0,297	FALSE
-0,237	0,272	-0,008	0,014	0,242	FALSE
0,085	0,285	0,002	0,011	0,082	FALSE
-0,057	0,281	-0,002	0,009	0,081	FALSE
0,140	0,283	0,003	0,007	0,184	FALSE
-0,120	0,276	-0,006	0,011	0,211	FALSE
-0,035	0,282	-0,004	0,013	0,115	FALSE
-0,066	0,289	-0,004	0,012	0,138	FALSE
0,067	0,289	0,002	0,011	0,062	FALSE
0,049	0,270	0,001	0,014	0,036	FALSE
-0,001	0,287	0,000	0,009	0,008	FALSE
-0,012	0,300	0,000	0,009	0,015	FALSE
-0,006	0,295	0,001	0,008	0,022	FALSE
-0,015	0,283	0,000	0,009	0,001	FALSE
-0,030	0,301	0,000	0,013	0,000	FALSE
-0,011	0,276	0,000	0,012	0,005	FALSE
-0,155	0,283	-0,004	0,009	0,188	FALSE
0,098	0,290	0,002	0,008	0,076	FALSE
-0,043	0,282	-0,002	0,008	0,079	FALSE
-0,078	0,277	-0,003	0,008	0,135	FALSE

-0,045	0,290	-0,003	0,014	0,086	FALSE
0,069	0,289	0,002	0,009	0,073	FALSE
0,032	0,286	0,005	0,013	0,141	FALSE
0,070	0,272	0,000	0,011	0,009	FALSE
0,186	0,288	0,007	0,009	0,364	FALSE
0,226	0,273	0,008	0,015	0,220	FALSE
0,019	0,285	-0,001	0,014	0,026	FALSE
-0,061	0,284	-0,001	0,007	0,046	FALSE
-0,017	0,285	0,001	0,009	0,037	FALSE
-0,018	0,282	0,000	0,009	0,020	FALSE
-0,018	0,293	-0,001	0,010	0,023	FALSE
-0,030	0,292	-0,002	0,008	0,080	FALSE
0,078	0,283	0,003	0,008	0,143	FALSE
0,080	0,276	0,002	0,008	0,102	FALSE
-0,036	0,292	-0,003	0,010	0,094	FALSE
0,036	0,298	0,001	0,008	0,057	FALSE
-0,038	0,288	0,000	0,008	0,009	FALSE
-0,055	0,291	-0,003	0,014	0,083	FALSE
-0,019	0,277	-0,001	0,010	0,041	FALSE
0,068	0,290	0,004	0,009	0,170	FALSE
-0,092	0,287	0,000	0,010	0,003	FALSE
-0,013	0,274	-0,001	0,008	0,062	FALSE
-0,017	0,289	0,000	0,012	0,013	FALSE
0,020	0,287	0,002	0,008	0,078	FALSE
-0,099	0,274	-0,003	0,010	0,114	FALSE
-0,101	0,284	-0,003	0,009	0,130	FALSE
-0,046	0,292	-0,001	0,012	0,023	FALSE
-0,051	0,272	-0,002	0,007	0,088	FALSE
0,189	0,292	0,005	0,008	0,278	FALSE
-0,092	0,294	-0,003	0,015	0,067	FALSE
0,075	0,285	0,002	0,009	0,098	FALSE
0,028	0,283	0,001	0,012	0,018	FALSE
0,180	0,282	0,006	0,011	0,245	FALSE
0,077	0,285	0,005	0,015	0,130	FALSE
0,068	0,270	0,002	0,009	0,085	FALSE
0,110	0,286	0,005	0,013	0,161	FALSE
-0,068	0,283	0,000	0,013	0,006	FALSE
0,099	0,291	0,004	0,008	0,205	FALSE
0,127	0,290	0,005	0,008	0,244	FALSE
-0,119	0,285	-0,006	0,013	0,197	FALSE
0,099	0,289	0,004	0,008	0,195	FALSE
0,095	0,282	0,003	0,008	0,128	FALSE
0,001	0,280	0,000	0,008	0,006	FALSE
0,089	0,290	0,005	0,015	0,139	FALSE
-0,088	0,281	-0,005	0,009	0,209	FALSE
0,085	0,271	0,003	0,009	0,151	FALSE
0,005	0,293	-0,002	0,015	0,053	FALSE
0,017	0,290	-0,001	0,008	0,032	FALSE
-0,035	0,279	-0,002	0,010	0,065	FALSE
0,018	0,292	0,001	0,014	0,025	FALSE
0,171	0,280	0,007	0,013	0,229	FALSE
-0,037	0,284	0,000	0,011	0,014	FALSE
0,035	0,291	0,000	0,008	0,015	FALSE

-0,239	0,273	-0,008	0,008	0,442	FALSE
-0,123	0,302	-0,005	0,014	0,132	FALSE
-0,127	0,276	-0,003	0,010	0,122	FALSE
-0,198	0,279	-0,012	0,015	0,358	FALSE
-0,166	0,286	-0,003	0,007	0,167	FALSE
0,100	0,291	0,002	0,012	0,073	FALSE
-0,008	0,297	0,000	0,011	0,008	FALSE
0,066	0,284	0,000	0,009	0,018	FALSE
-0,108	0,283	-0,002	0,009	0,063	FALSE
-0,257	0,274	-0,007	0,009	0,347	FALSE
0,105	0,285	0,004	0,012	0,146	FALSE
-0,054	0,293	-0,002	0,013	0,060	FALSE
-0,054	0,282	-0,002	0,013	0,073	FALSE
-0,023	0,283	-0,001	0,007	0,059	FALSE
-0,030	0,280	0,001	0,013	0,039	FALSE
-0,189	0,295	-0,005	0,009	0,219	FALSE
-0,174	0,273	-0,007	0,014	0,208	FALSE
-0,076	0,294	-0,001	0,011	0,044	FALSE
0,034	0,287	0,000	0,012	0,003	FALSE
-0,089	0,280	-0,004	0,010	0,141	FALSE
0,102	0,287	0,005	0,014	0,127	FALSE
0,031	0,302	0,002	0,013	0,056	FALSE
-0,084	0,289	-0,003	0,008	0,141	FALSE
-0,009	0,289	-0,001	0,009	0,060	FALSE
-0,031	0,288	0,000	0,008	0,023	FALSE
0,066	0,286	0,002	0,010	0,068	FALSE
0,086	0,289	0,003	0,012	0,100	FALSE
0,129	0,293	0,005	0,012	0,162	FALSE
-0,151	0,280	-0,005	0,011	0,163	FALSE
0,125	0,290	0,003	0,014	0,075	FALSE
-0,014	0,285	0,001	0,014	0,014	FALSE
-0,003	0,299	0,000	0,008	0,006	FALSE
-0,084	0,287	-0,002	0,008	0,103	FALSE
0,044	0,280	0,004	0,009	0,192	FALSE
0,039	0,284	0,001	0,008	0,034	FALSE
-0,059	0,282	-0,002	0,010	0,082	FALSE
0,091	0,279	0,003	0,010	0,099	FALSE
-0,234	0,270	-0,010	0,013	0,338	FALSE
-0,010	0,277	0,000	0,012	0,010	FALSE
0,052	0,282	0,004	0,015	0,097	FALSE
0,048	0,279	0,000	0,007	0,017	FALSE
-0,013	0,287	0,001	0,008	0,032	FALSE
-0,050	0,296	-0,002	0,010	0,089	FALSE
-0,029	0,284	-0,002	0,009	0,061	FALSE
-0,044	0,287	-0,002	0,010	0,074	FALSE
-0,040	0,284	0,000	0,012	0,002	FALSE
-0,143	0,277	-0,004	0,009	0,198	FALSE
0,012	0,269	0,002	0,011	0,071	FALSE
-0,109	0,291	-0,006	0,015	0,146	FALSE
-0,055	0,279	-0,002	0,008	0,072	FALSE
0,036	0,287	0,000	0,014	0,010	FALSE
0,101	0,281	0,006	0,012	0,209	FALSE
0,083	0,271	0,005	0,012	0,179	FALSE

0,050	0,293	-0,001	0,013	0,022	FALSE
0,024	0,285	0,001	0,008	0,032	FALSE
0,002	0,286	0,002	0,008	0,090	FALSE
0,059	0,287	0,002	0,008	0,084	FALSE
-0,050	0,275	0,001	0,011	0,022	FALSE
-0,108	0,281	-0,002	0,007	0,105	FALSE
0,140	0,287	0,008	0,015	0,220	FALSE
0,095	0,288	0,004	0,014	0,114	FALSE
0,127	0,288	0,007	0,015	0,204	FALSE
0,077	0,293	0,003	0,012	0,086	FALSE
0,015	0,273	-0,001	0,007	0,046	FALSE
0,009	0,272	-0,001	0,007	0,057	FALSE
0,043	0,286	0,000	0,007	0,008	FALSE
0,015	0,289	0,000	0,014	0,006	FALSE
-0,064	0,292	-0,003	0,008	0,159	FALSE
0,067	0,294	0,002	0,008	0,083	FALSE
0,024	0,290	0,001	0,009	0,048	FALSE
-0,055	0,294	-0,004	0,011	0,140	FALSE
-0,014	0,290	-0,001	0,011	0,049	FALSE
-0,032	0,297	-0,003	0,011	0,096	FALSE
0,032	0,292	-0,001	0,012	0,017	FALSE
-0,065	0,296	-0,004	0,011	0,130	FALSE
0,046	0,278	0,004	0,015	0,095	FALSE
0,169	0,293	0,008	0,013	0,260	FALSE
0,018	0,276	0,003	0,011	0,093	FALSE
0,079	0,287	0,002	0,011	0,053	FALSE
0,146	0,278	0,004	0,010	0,162	FALSE
0,125	0,281	0,002	0,009	0,095	FALSE
0,042	0,282	0,001	0,008	0,029	FALSE
0,045	0,300	0,001	0,009	0,038	FALSE
-0,030	0,296	-0,002	0,011	0,077	FALSE
0,099	0,281	0,003	0,008	0,157	FALSE
-0,024	0,289	0,000	0,007	0,022	FALSE
-0,011	0,296	-0,001	0,013	0,017	FALSE
0,085	0,310	0,004	0,016	0,106	FALSE
0,016	0,281	0,003	0,014	0,075	FALSE
0,023	0,280	0,002	0,014	0,041	FALSE
0,033	0,271	0,003	0,015	0,067	FALSE
0,105	0,264	0,005	0,014	0,151	FALSE
0,057	0,268	0,003	0,015	0,089	FALSE
0,066	0,261	0,004	0,014	0,110	FALSE
0,079	0,271	0,004	0,015	0,110	FALSE
-0,125	0,277	-0,004	0,009	0,167	FALSE
-0,032	0,284	-0,001	0,015	0,018	FALSE
0,095	0,287	0,001	0,008	0,073	FALSE
0,066	0,286	0,004	0,012	0,115	FALSE
0,191	0,261	0,009	0,012	0,325	FALSE
0,086	0,278	0,002	0,010	0,098	FALSE
0,120	0,283	0,003	0,014	0,094	FALSE
0,107	0,294	0,003	0,015	0,065	FALSE
0,166	0,288	0,006	0,015	0,164	FALSE
0,116	0,282	0,008	0,013	0,258	FALSE
0,140	0,261	0,000	0,014	0,012	FALSE

0,002	0,281	0,001	0,010	0,019	FALSE
0,031	0,291	0,002	0,008	0,109	FALSE
-0,077	0,290	-0,003	0,012	0,086	FALSE
0,126	0,289	0,002	0,009	0,103	FALSE
-0,057	0,294	-0,001	0,010	0,046	FALSE
-0,077	0,284	-0,002	0,010	0,071	FALSE
0,015	0,289	0,002	0,012	0,047	FALSE
-0,015	0,278	0,001	0,012	0,024	FALSE
-0,111	0,281	-0,002	0,012	0,047	FALSE
-0,090	0,290	-0,004	0,013	0,126	FALSE
0,099	0,289	0,006	0,015	0,181	FALSE
-0,035	0,305	-0,001	0,009	0,038	FALSE
0,052	0,290	0,002	0,008	0,083	FALSE
0,032	0,297	0,001	0,013	0,035	FALSE
0,031	0,277	0,001	0,009	0,038	FALSE
-0,022	0,307	-0,001	0,008	0,051	FALSE
-0,018	0,272	0,001	0,010	0,041	FALSE
0,105	0,297	0,003	0,010	0,095	FALSE
-0,039	0,276	-0,002	0,012	0,071	FALSE
0,122	0,286	0,002	0,013	0,054	FALSE
0,129	0,264	0,003	0,012	0,087	FALSE
-0,115	0,279	-0,003	0,007	0,143	FALSE
-0,112	0,275	-0,002	0,007	0,107	FALSE
0,037	0,297	0,002	0,008	0,092	FALSE
-0,097	0,276	-0,005	0,014	0,147	FALSE
0,054	0,304	0,003	0,011	0,119	FALSE
0,023	0,294	-0,001	0,009	0,021	FALSE
-0,145	0,276	-0,003	0,011	0,114	FALSE
-0,059	0,285	0,000	0,008	0,014	FALSE
0,218	0,273	0,007	0,012	0,250	FALSE
-0,083	0,284	-0,001	0,008	0,053	FALSE
-0,074	0,292	-0,001	0,011	0,038	FALSE
-0,149	0,294	-0,005	0,012	0,180	FALSE
-0,185	0,273	-0,005	0,011	0,164	FALSE
0,134	0,294	0,004	0,011	0,146	FALSE
0,221	0,283	0,007	0,009	0,358	FALSE
0,025	0,286	0,001	0,014	0,027	FALSE
-0,024	0,287	-0,001	0,012	0,046	FALSE
-0,045	0,291	-0,003	0,010	0,104	FALSE
0,033	0,281	0,003	0,013	0,094	FALSE
-0,016	0,290	0,002	0,015	0,037	FALSE
-0,075	0,277	-0,004	0,015	0,116	FALSE
0,014	0,279	0,003	0,013	0,079	FALSE
-0,033	0,265	-0,002	0,007	0,080	FALSE
0,047	0,286	0,001	0,013	0,023	FALSE
0,146	0,284	0,004	0,009	0,193	FALSE
-0,035	0,287	-0,001	0,013	0,015	FALSE
-0,101	0,282	-0,004	0,014	0,121	FALSE
0,003	0,280	-0,001	0,013	0,029	FALSE
0,105	0,278	0,003	0,010	0,138	FALSE
-0,101	0,294	-0,003	0,009	0,129	FALSE
-0,003	0,282	-0,001	0,009	0,035	FALSE
-0,071	0,298	-0,003	0,012	0,079	FALSE

0,114	0,281	0,003	0,010	0,109	FALSE
-0,114	0,286	-0,003	0,011	0,091	FALSE
-0,129	0,276	-0,004	0,007	0,237	FALSE
0,048	0,275	0,002	0,009	0,073	FALSE
0,058	0,288	0,005	0,014	0,133	FALSE
0,039	0,286	0,004	0,014	0,105	FALSE
0,029	0,293	0,003	0,014	0,073	FALSE
0,034	0,272	0,000	0,009	0,003	FALSE
0,048	0,279	0,000	0,010	0,002	FALSE
0,082	0,274	0,005	0,012	0,159	FALSE
0,027	0,284	0,001	0,014	0,025	FALSE
-0,088	0,278	-0,005	0,012	0,152	FALSE
0,038	0,285	0,002	0,011	0,051	FALSE
0,112	0,284	0,008	0,014	0,238	FALSE
-0,030	0,298	-0,001	0,013	0,037	FALSE
-0,077	0,277	-0,003	0,007	0,135	FALSE
0,025	0,295	0,000	0,010	0,002	FALSE
0,092	0,293	0,003	0,013	0,099	FALSE
0,002	0,271	-0,001	0,012	0,035	FALSE
-0,084	0,292	-0,002	0,015	0,046	FALSE
-0,021	0,285	-0,003	0,013	0,083	FALSE
0,017	0,296	-0,001	0,008	0,061	FALSE
-0,032	0,291	-0,002	0,011	0,056	FALSE
0,218	0,279	0,005	0,009	0,237	FALSE
0,099	0,278	0,002	0,009	0,067	FALSE
0,131	0,285	0,004	0,008	0,202	FALSE
-0,051	0,277	-0,001	0,010	0,046	FALSE
-0,024	0,281	-0,001	0,010	0,018	FALSE
0,024	0,296	-0,001	0,014	0,026	FALSE
-0,112	0,296	-0,003	0,008	0,127	FALSE
0,066	0,300	0,001	0,015	0,023	FALSE
-0,068	0,297	-0,002	0,008	0,081	FALSE
-0,119	0,298	-0,006	0,014	0,164	FALSE
-0,083	0,284	-0,004	0,013	0,139	FALSE
0,054	0,294	0,001	0,007	0,070	FALSE
0,140	0,279	0,007	0,013	0,251	FALSE
-0,180	0,294	-0,004	0,011	0,170	FALSE
0,126	0,285	0,004	0,008	0,178	FALSE
0,069	0,290	0,003	0,015	0,082	FALSE
-0,136	0,284	-0,002	0,009	0,102	FALSE
-0,154	0,286	-0,003	0,009	0,118	FALSE
0,145	0,281	0,003	0,009	0,156	FALSE
-0,057	0,287	-0,001	0,010	0,029	FALSE
0,006	0,283	-0,001	0,009	0,038	FALSE
-0,130	0,277	-0,006	0,014	0,160	FALSE
0,066	0,276	0,002	0,011	0,062	FALSE
0,128	0,275	0,003	0,009	0,129	FALSE
-0,070	0,291	-0,002	0,011	0,060	FALSE
-0,039	0,272	-0,001	0,014	0,027	FALSE
-0,096	0,297	-0,002	0,009	0,079	FALSE
0,115	0,267	0,004	0,010	0,172	FALSE
-0,131	0,275	-0,006	0,009	0,267	FALSE
0,036	0,306	0,003	0,014	0,084	FALSE

-0,126	0,287	-0,006	0,014	0,182	FALSE
0,106	0,287	0,004	0,008	0,201	FALSE
-0,026	0,294	-0,002	0,009	0,106	FALSE
0,125	0,282	0,002	0,008	0,079	FALSE
-0,258	0,260	-0,013	0,014	0,452	FALSE
0,316	0,264	0,009	0,012	0,370	FALSE
-0,012	0,264	-0,002	0,008	0,077	FALSE
-0,205	0,265	-0,007	0,010	0,331	FALSE
0,074	0,287	0,000	0,013	0,013	FALSE
-0,031	0,291	-0,002	0,014	0,058	FALSE
-0,011	0,286	0,000	0,014	0,004	FALSE
-0,114	0,301	-0,003	0,012	0,117	FALSE
0,033	0,269	0,001	0,011	0,026	FALSE
0,039	0,270	-0,001	0,015	0,014	FALSE
0,099	0,287	0,002	0,012	0,075	FALSE
-0,052	0,294	-0,003	0,015	0,074	FALSE
0,033	0,302	0,001	0,009	0,057	FALSE
0,144	0,282	0,003	0,008	0,127	FALSE
0,119	0,282	0,003	0,008	0,127	FALSE
0,052	0,296	0,003	0,015	0,063	FALSE
-0,058	0,268	-0,001	0,008	0,060	FALSE
-0,076	0,271	-0,002	0,010	0,085	FALSE
-0,029	0,268	0,000	0,009	0,016	FALSE
0,050	0,285	0,001	0,010	0,044	FALSE
-0,048	0,285	0,000	0,007	0,010	FALSE
-0,086	0,271	-0,002	0,014	0,041	FALSE
0,141	0,275	0,004	0,009	0,195	FALSE
0,011	0,272	0,002	0,009	0,108	FALSE
0,006	0,290	0,002	0,009	0,081	FALSE
0,059	0,286	0,001	0,008	0,040	FALSE
0,014	0,282	0,003	0,009	0,103	FALSE
0,092	0,281	0,006	0,014	0,181	FALSE
-0,063	0,292	-0,005	0,015	0,133	FALSE
-0,138	0,279	-0,003	0,007	0,146	FALSE
-0,008	0,287	0,001	0,007	0,062	FALSE
0,010	0,293	0,000	0,012	0,008	FALSE
-0,065	0,296	-0,003	0,014	0,090	FALSE
0,029	0,279	0,000	0,010	0,015	FALSE
-0,200	0,273	-0,008	0,011	0,339	FALSE
-0,158	0,286	-0,004	0,009	0,212	FALSE
-0,037	0,286	-0,002	0,014	0,056	FALSE
0,188	0,283	0,009	0,015	0,275	FALSE
0,150	0,282	0,005	0,014	0,154	FALSE
-0,004	0,289	-0,002	0,012	0,058	FALSE
0,215	0,278	0,007	0,013	0,251	FALSE
0,206	0,291	0,007	0,014	0,204	FALSE
0,230	0,271	0,007	0,013	0,219	FALSE
-0,099	0,287	-0,002	0,012	0,063	FALSE
0,151	0,285	0,004	0,012	0,130	FALSE
0,017	0,297	0,001	0,012	0,015	FALSE
0,030	0,288	0,001	0,012	0,025	FALSE
0,086	0,290	0,002	0,010	0,064	FALSE
0,033	0,289	0,001	0,010	0,025	FALSE

0,083	0,278	0,001	0,009	0,028	FALSE
0,088	0,290	0,004	0,012	0,113	FALSE
0,060	0,293	0,000	0,009	0,018	FALSE
0,076	0,288	0,001	0,008	0,032	FALSE
0,114	0,291	0,003	0,011	0,095	FALSE
0,016	0,279	0,000	0,014	0,008	FALSE
-0,076	0,276	-0,001	0,010	0,055	FALSE
-0,018	0,295	-0,002	0,013	0,068	FALSE
0,012	0,291	0,001	0,012	0,031	FALSE
-0,005	0,283	0,000	0,014	0,008	FALSE
-0,052	0,302	-0,003	0,013	0,096	FALSE
0,031	0,284	0,002	0,015	0,038	FALSE
-0,040	0,295	-0,003	0,013	0,097	FALSE
-0,016	0,281	0,000	0,012	0,007	FALSE
0,155	0,278	0,003	0,010	0,117	FALSE
-0,062	0,297	-0,002	0,008	0,094	FALSE
-0,034	0,278	0,000	0,011	0,010	FALSE
0,003	0,290	0,000	0,009	0,004	FALSE
0,032	0,300	-0,002	0,014	0,047	FALSE
0,054	0,288	0,000	0,012	0,002	FALSE
0,149	0,287	0,004	0,010	0,165	FALSE
-0,024	0,282	-0,002	0,009	0,102	FALSE
-0,070	0,287	-0,004	0,009	0,179	FALSE
-0,041	0,264	-0,003	0,009	0,144	FALSE
-0,026	0,290	-0,001	0,010	0,034	FALSE
0,076	0,294	0,004	0,014	0,116	FALSE
-0,137	0,280	-0,004	0,008	0,174	FALSE
-0,068	0,287	-0,001	0,009	0,061	FALSE
0,042	0,285	0,001	0,009	0,058	FALSE
0,056	0,289	0,005	0,012	0,167	FALSE
-0,043	0,275	-0,004	0,013	0,118	FALSE
0,026	0,286	0,002	0,008	0,070	FALSE
-0,096	0,296	-0,002	0,011	0,072	FALSE
0,042	0,286	0,002	0,012	0,054	FALSE
-0,100	0,284	-0,003	0,010	0,125	FALSE
-0,180	0,269	-0,006	0,012	0,223	FALSE
-0,021	0,268	-0,002	0,010	0,074	FALSE
0,112	0,282	0,003	0,013	0,097	FALSE
0,058	0,273	0,007	0,014	0,205	FALSE
0,045	0,293	0,002	0,012	0,075	FALSE
-0,058	0,293	-0,002	0,009	0,064	FALSE
-0,019	0,271	-0,001	0,009	0,057	FALSE
0,048	0,290	0,002	0,014	0,062	FALSE
0,159	0,290	0,006	0,014	0,185	FALSE
0,136	0,280	0,005	0,013	0,174	FALSE
0,085	0,271	0,002	0,007	0,081	FALSE
0,082	0,291	0,001	0,009	0,046	FALSE
-0,100	0,278	-0,005	0,013	0,163	FALSE
-0,008	0,286	0,001	0,011	0,027	FALSE
0,011	0,298	0,001	0,011	0,049	FALSE
0,081	0,286	0,002	0,008	0,094	FALSE
-0,066	0,289	-0,001	0,008	0,023	FALSE
0,160	0,276	0,005	0,012	0,175	FALSE

-0,030	0,292	0,001	0,009	0,022	FALSE
-0,076	0,290	-0,001	0,009	0,029	FALSE
-0,056	0,283	0,000	0,009	0,012	FALSE
-0,068	0,298	-0,001	0,010	0,028	FALSE
0,017	0,293	0,001	0,008	0,058	FALSE
0,051	0,285	0,002	0,011	0,082	FALSE
0,184	0,284	0,006	0,009	0,322	FALSE
-0,053	0,300	-0,002	0,010	0,091	FALSE
-0,100	0,272	-0,004	0,012	0,136	FALSE
-0,147	0,279	-0,008	0,014	0,243	FALSE
-0,209	0,280	-0,009	0,012	0,337	FALSE
-0,141	0,284	-0,004	0,009	0,189	FALSE
-0,004	0,278	-0,002	0,009	0,077	FALSE
0,184	0,277	0,007	0,014	0,216	FALSE
-0,020	0,304	-0,001	0,011	0,026	FALSE
0,041	0,274	0,001	0,011	0,022	FALSE
-0,163	0,281	-0,003	0,007	0,188	FALSE
0,028	0,299	0,001	0,012	0,030	FALSE
0,091	0,263	0,005	0,012	0,157	FALSE
-0,114	0,284	-0,004	0,009	0,171	FALSE
0,101	0,285	0,006	0,014	0,167	FALSE
-0,084	0,283	-0,005	0,014	0,134	FALSE
0,107	0,290	0,005	0,015	0,146	FALSE
-0,045	0,295	0,000	0,009	0,002	FALSE
0,039	0,289	0,002	0,015	0,044	FALSE
-0,085	0,294	-0,001	0,012	0,034	FALSE
-0,032	0,290	-0,001	0,010	0,028	FALSE
0,093	0,284	0,002	0,010	0,088	FALSE
0,023	0,284	0,000	0,013	0,012	FALSE
0,003	0,284	0,000	0,008	0,007	FALSE
-0,015	0,279	0,001	0,015	0,017	FALSE
-0,026	0,285	0,000	0,015	0,000	FALSE
0,086	0,280	0,003	0,012	0,101	FALSE
-0,058	0,286	-0,001	0,014	0,029	FALSE
-0,124	0,279	-0,003	0,009	0,119	FALSE
-0,112	0,284	-0,002	0,008	0,115	FALSE
-0,053	0,286	-0,001	0,011	0,017	FALSE
-0,114	0,287	-0,005	0,010	0,203	FALSE
0,145	0,279	0,008	0,012	0,286	FALSE
0,051	0,273	0,004	0,013	0,124	FALSE
0,015	0,292	0,001	0,008	0,034	FALSE
0,005	0,292	0,000	0,013	0,013	FALSE
-0,036	0,286	0,001	0,010	0,032	FALSE
0,064	0,283	0,001	0,008	0,062	FALSE
0,051	0,268	0,002	0,011	0,064	FALSE
0,101	0,277	0,003	0,014	0,079	FALSE
-0,040	0,287	0,002	0,011	0,056	FALSE
-0,099	0,291	-0,002	0,012	0,048	FALSE
0,085	0,284	0,004	0,013	0,107	FALSE
-0,121	0,275	-0,004	0,008	0,216	FALSE
0,074	0,293	0,001	0,011	0,040	FALSE
0,073	0,289	0,006	0,013	0,184	FALSE
0,019	0,282	0,003	0,013	0,098	FALSE

-0,105	0,273	-0,005	0,009	0,260	FALSE
0,126	0,282	0,005	0,013	0,171	FALSE
0,028	0,270	0,001	0,015	0,034	FALSE
-0,215	0,273	-0,008	0,009	0,399	FALSE
-0,165	0,289	-0,006	0,009	0,310	FALSE
-0,103	0,276	-0,005	0,014	0,140	FALSE
0,062	0,282	0,002	0,012	0,071	FALSE
0,076	0,290	0,004	0,014	0,098	FALSE
0,167	0,267	0,007	0,015	0,188	FALSE
0,223	0,269	0,008	0,014	0,234	FALSE
-0,115	0,289	-0,004	0,010	0,136	FALSE
0,015	0,296	0,001	0,015	0,036	FALSE
-0,139	0,276	-0,007	0,014	0,221	FALSE
0,040	0,282	-0,001	0,014	0,013	FALSE
-0,044	0,296	0,000	0,009	0,014	FALSE
0,008	0,285	0,000	0,009	0,014	FALSE
0,075	0,284	0,001	0,008	0,031	FALSE
0,151	0,277	0,005	0,011	0,184	FALSE
-0,012	0,293	-0,001	0,009	0,033	FALSE
0,188	0,274	0,003	0,007	0,144	FALSE
0,114	0,303	0,002	0,010	0,080	FALSE
-0,208	0,275	-0,004	0,008	0,254	FALSE
0,034	0,289	0,003	0,011	0,084	FALSE
-0,194	0,269	-0,006	0,010	0,272	FALSE
-0,170	0,272	-0,005	0,011	0,208	FALSE
0,104	0,287	0,002	0,009	0,098	FALSE
0,043	0,285	-0,001	0,011	0,030	FALSE
0,143	0,272	0,004	0,010	0,177	FALSE
-0,206	0,277	-0,006	0,010	0,248	FALSE
-0,097	0,291	-0,003	0,009	0,106	FALSE
-0,109	0,291	-0,003	0,009	0,120	FALSE
0,013	0,293	0,000	0,008	0,008	FALSE
-0,072	0,280	-0,001	0,008	0,046	FALSE
0,084	0,281	0,003	0,011	0,086	FALSE
-0,176	0,289	-0,006	0,009	0,295	FALSE
-0,192	0,269	-0,004	0,007	0,230	FALSE
0,011	0,282	0,000	0,014	0,007	FALSE
0,171	0,278	0,004	0,014	0,120	FALSE
-0,053	0,282	-0,002	0,010	0,094	FALSE
0,195	0,271	0,005	0,008	0,299	FALSE
0,032	0,295	0,000	0,010	0,015	FALSE
0,105	0,286	0,003	0,008	0,177	FALSE
0,051	0,296	0,003	0,008	0,145	FALSE
-0,078	0,268	0,001	0,013	0,021	FALSE
0,042	0,283	0,003	0,011	0,119	FALSE
-0,027	0,292	-0,001	0,013	0,023	FALSE
-0,114	0,279	-0,002	0,015	0,040	FALSE
0,070	0,269	0,000	0,007	0,007	FALSE
0,083	0,280	0,001	0,008	0,032	FALSE
0,006	0,286	0,000	0,007	0,012	FALSE
0,061	0,299	0,003	0,010	0,118	FALSE
-0,055	0,274	-0,002	0,010	0,066	FALSE
-0,071	0,273	-0,003	0,009	0,118	FALSE

0,152	0,283	0,002	0,007	0,141	FALSE
0,053	0,287	0,000	0,011	0,013	FALSE
0,169	0,274	0,004	0,009	0,184	FALSE
0,074	0,279	0,004	0,014	0,116	FALSE
0,072	0,287	0,001	0,014	0,038	FALSE
-0,030	0,292	-0,001	0,013	0,036	FALSE
-0,012	0,285	0,000	0,014	0,008	FALSE
-0,074	0,303	-0,003	0,013	0,084	FALSE
-0,019	0,285	0,000	0,014	0,007	FALSE
-0,012	0,296	-0,001	0,009	0,040	FALSE
-0,054	0,294	-0,002	0,014	0,056	FALSE
-0,061	0,314	-0,003	0,016	0,074	FALSE
-0,036	0,281	-0,003	0,015	0,087	FALSE
-0,051	0,293	0,000	0,014	0,000	FALSE
0,189	0,273	0,008	0,012	0,311	FALSE
0,154	0,286	0,007	0,014	0,215	FALSE
0,155	0,273	0,007	0,013	0,252	FALSE
-0,136	0,277	-0,007	0,013	0,225	FALSE
0,142	0,274	0,003	0,008	0,137	FALSE
-0,222	0,270	-0,005	0,008	0,236	FALSE
-0,009	0,284	-0,001	0,015	0,029	FALSE
0,161	0,285	0,003	0,008	0,161	FALSE
-0,011	0,288	-0,002	0,011	0,082	FALSE
-0,153	0,274	-0,006	0,011	0,211	FALSE
0,152	0,299	0,004	0,009	0,170	FALSE
0,055	0,294	0,002	0,010	0,086	FALSE
0,222	0,269	0,006	0,010	0,262	FALSE
-0,155	0,282	-0,004	0,009	0,208	FALSE
-0,062	0,286	-0,004	0,013	0,112	FALSE
-0,119	0,275	-0,004	0,009	0,193	FALSE
0,003	0,281	0,000	0,012	0,007	FALSE
0,106	0,273	0,002	0,011	0,071	FALSE
0,001	0,288	0,000	0,008	0,003	FALSE
-0,079	0,273	-0,003	0,012	0,108	FALSE
0,069	0,279	0,002	0,009	0,066	FALSE
-0,172	0,272	-0,005	0,009	0,232	FALSE
0,014	0,301	0,000	0,010	0,000	FALSE
0,165	0,293	0,006	0,015	0,173	FALSE
0,156	0,266	0,005	0,013	0,142	FALSE
-0,042	0,303	-0,003	0,016	0,071	FALSE
0,027	0,290	0,000	0,014	0,011	FALSE
-0,176	0,279	-0,009	0,015	0,254	FALSE
0,149	0,284	0,004	0,010	0,160	FALSE
-0,067	0,285	-0,003	0,013	0,074	FALSE
0,000	0,276	0,002	0,008	0,089	FALSE
-0,123	0,267	-0,003	0,007	0,167	FALSE
0,091	0,282	0,001	0,009	0,056	FALSE
0,024	0,294	0,002	0,011	0,073	FALSE
0,027	0,289	-0,001	0,014	0,018	FALSE
0,084	0,265	0,001	0,009	0,043	FALSE
0,137	0,268	0,006	0,011	0,228	FALSE
0,107	0,286	0,002	0,009	0,090	FALSE
-0,128	0,276	-0,006	0,011	0,239	FALSE

-0,178	0,285	-0,008	0,011	0,310	FALSE
-0,064	0,290	-0,003	0,012	0,100	FALSE
-0,005	0,287	-0,002	0,012	0,052	FALSE
-0,168	0,279	-0,006	0,011	0,245	FALSE
0,140	0,283	0,003	0,008	0,150	FALSE
-0,141	0,279	-0,002	0,009	0,102	FALSE
-0,026	0,280	-0,001	0,011	0,039	FALSE
-0,234	0,280	-0,007	0,013	0,233	FALSE
-0,015	0,293	0,003	0,015	0,070	FALSE
0,231	0,273	0,009	0,011	0,407	FALSE
-0,045	0,284	-0,001	0,008	0,024	FALSE
-0,196	0,281	-0,004	0,012	0,137	FALSE
-0,051	0,288	-0,001	0,012	0,035	FALSE
0,035	0,295	0,002	0,008	0,075	FALSE
0,133	0,282	0,002	0,008	0,094	FALSE
0,048	0,287	0,002	0,011	0,063	FALSE
0,059	0,283	0,003	0,008	0,144	FALSE
0,217	0,270	0,003	0,009	0,158	FALSE
0,049	0,273	0,000	0,007	0,020	FALSE
0,049	0,298	0,001	0,009	0,032	FALSE
0,130	0,282	0,003	0,010	0,137	FALSE
0,138	0,284	0,004	0,008	0,217	FALSE
0,059	0,291	0,003	0,007	0,141	FALSE
-0,055	0,286	-0,003	0,015	0,068	FALSE
-0,176	0,291	-0,007	0,012	0,263	FALSE
0,029	0,281	0,000	0,009	0,018	FALSE
-0,057	0,282	-0,001	0,009	0,049	FALSE
-0,135	0,294	-0,007	0,015	0,199	FALSE
0,052	0,285	0,003	0,011	0,091	FALSE
0,117	0,279	0,004	0,015	0,114	FALSE
-0,145	0,286	-0,006	0,015	0,174	FALSE
-0,073	0,277	-0,006	0,013	0,173	FALSE
-0,091	0,293	-0,003	0,014	0,072	FALSE
-0,139	0,287	-0,003	0,008	0,150	FALSE
0,039	0,297	0,002	0,015	0,038	FALSE
-0,111	0,279	-0,003	0,008	0,141	FALSE
0,167	0,282	0,005	0,011	0,208	FALSE
0,031	0,305	0,001	0,016	0,030	FALSE
-0,034	0,274	0,001	0,010	0,022	FALSE
0,008	0,291	0,001	0,012	0,017	FALSE
-0,036	0,292	-0,003	0,015	0,074	FALSE
-0,043	0,279	0,000	0,010	0,001	FALSE
0,035	0,281	-0,001	0,010	0,019	FALSE
-0,021	0,288	0,000	0,007	0,023	FALSE
0,033	0,279	-0,001	0,013	0,030	FALSE
-0,109	0,278	-0,003	0,007	0,175	FALSE
-0,185	0,281	-0,003	0,008	0,170	FALSE
-0,031	0,294	0,000	0,015	0,004	FALSE
-0,025	0,288	-0,001	0,009	0,057	FALSE
0,222	0,283	0,008	0,015	0,234	FALSE
-0,131	0,281	-0,005	0,015	0,128	FALSE
-0,114	0,294	-0,004	0,012	0,128	FALSE
0,050	0,289	0,001	0,012	0,041	FALSE

0,089	0,291	0,003	0,008	0,129	FALSE
0,023	0,292	0,001	0,015	0,021	FALSE
-0,084	0,297	-0,002	0,009	0,078	FALSE
0,005	0,302	0,000	0,010	0,009	FALSE
0,008	0,290	0,001	0,010	0,025	FALSE
-0,026	0,291	-0,001	0,010	0,018	FALSE
0,027	0,279	-0,002	0,009	0,088	FALSE
0,192	0,278	0,007	0,012	0,261	FALSE
0,111	0,286	0,004	0,008	0,216	FALSE
0,116	0,279	0,003	0,013	0,082	FALSE
-0,074	0,281	-0,002	0,015	0,049	FALSE
0,005	0,281	0,003	0,011	0,106	FALSE
0,006	0,285	0,000	0,010	0,005	FALSE
0,057	0,292	0,003	0,014	0,077	FALSE
0,137	0,275	0,004	0,013	0,111	FALSE
-0,053	0,282	-0,002	0,008	0,116	FALSE
0,100	0,292	0,003	0,010	0,130	FALSE
0,016	0,295	0,000	0,013	0,002	FALSE
-0,035	0,295	0,000	0,008	0,003	FALSE
0,070	0,295	0,002	0,015	0,062	FALSE
0,095	0,294	0,003	0,010	0,124	FALSE
0,075	0,289	0,003	0,010	0,125	FALSE
0,129	0,294	0,006	0,011	0,232	FALSE
0,125	0,295	0,003	0,008	0,133	FALSE
0,150	0,280	0,003	0,010	0,122	FALSE
-0,175	0,264	-0,003	0,008	0,182	FALSE
0,043	0,289	0,001	0,008	0,061	FALSE
-0,011	0,292	-0,002	0,012	0,048	FALSE
-0,012	0,290	0,001	0,015	0,027	FALSE
-0,075	0,288	-0,003	0,010	0,107	FALSE
0,080	0,292	0,002	0,009	0,085	FALSE
0,088	0,281	0,003	0,008	0,146	FALSE
0,195	0,269	0,006	0,013	0,204	FALSE
0,071	0,277	0,001	0,012	0,021	FALSE
0,085	0,290	0,002	0,007	0,097	FALSE
-0,158	0,279	-0,005	0,010	0,195	FALSE
0,190	0,275	0,006	0,010	0,282	FALSE
0,112	0,285	0,003	0,010	0,135	FALSE
-0,307	0,266	-0,010	0,010	0,481	FALSE
-0,289	0,266	-0,009	0,010	0,413	FALSE
-0,041	0,290	-0,001	0,008	0,029	FALSE
0,223	0,279	0,006	0,010	0,262	FALSE
-0,144	0,271	-0,003	0,015	0,087	FALSE
0,170	0,270	0,003	0,008	0,157	FALSE
-0,037	0,285	-0,001	0,013	0,039	FALSE
-0,041	0,280	-0,004	0,014	0,123	FALSE
0,036	0,286	-0,004	0,014	0,111	FALSE
0,162	0,291	0,003	0,007	0,183	FALSE
0,095	0,288	0,004	0,015	0,100	FALSE
0,078	0,288	0,002	0,011	0,070	FALSE
0,085	0,293	0,003	0,013	0,082	FALSE
-0,038	0,277	0,001	0,011	0,020	FALSE
0,033	0,285	0,001	0,007	0,044	FALSE

-0,020	0,301	0,000	0,012	0,005	FALSE
0,174	0,274	0,003	0,009	0,119	FALSE
0,013	0,290	0,002	0,015	0,047	FALSE
-0,042	0,285	0,000	0,010	0,006	FALSE
-0,132	0,273	-0,003	0,009	0,109	FALSE
0,063	0,309	0,003	0,015	0,067	FALSE
-0,003	0,298	0,002	0,011	0,061	FALSE
-0,155	0,289	-0,005	0,008	0,258	FALSE
0,177	0,274	0,003	0,010	0,098	FALSE
-0,019	0,288	0,000	0,010	0,017	FALSE
0,060	0,266	0,000	0,007	0,018	FALSE
0,019	0,282	-0,001	0,010	0,041	FALSE
0,164	0,283	0,005	0,011	0,195	FALSE
-0,179	0,290	-0,004	0,008	0,214	FALSE
-0,179	0,282	-0,004	0,008	0,217	FALSE
-0,167	0,275	-0,004	0,007	0,231	FALSE
-0,017	0,294	-0,001	0,008	0,069	FALSE
-0,141	0,286	-0,004	0,010	0,165	FALSE
-0,038	0,282	0,000	0,008	0,010	FALSE
0,045	0,289	0,003	0,014	0,080	FALSE
0,064	0,270	0,001	0,008	0,024	FALSE
0,047	0,286	0,000	0,013	0,008	FALSE
0,139	0,289	0,004	0,015	0,090	FALSE
0,091	0,293	0,002	0,016	0,057	FALSE
-0,214	0,272	-0,007	0,013	0,212	FALSE
-0,192	0,272	-0,005	0,013	0,169	FALSE
-0,145	0,282	-0,003	0,014	0,079	FALSE
-0,111	0,286	-0,003	0,010	0,104	FALSE
-0,144	0,282	-0,004	0,010	0,137	FALSE
-0,103	0,291	-0,002	0,010	0,082	FALSE
-0,104	0,295	-0,002	0,010	0,075	FALSE
0,016	0,291	0,000	0,010	0,006	FALSE
-0,014	0,283	0,001	0,008	0,028	FALSE
-0,021	0,292	0,000	0,010	0,002	FALSE
-0,068	0,286	-0,002	0,012	0,077	FALSE
-0,071	0,283	-0,001	0,010	0,040	FALSE
-0,131	0,285	-0,003	0,010	0,124	FALSE
-0,110	0,284	-0,002	0,010	0,081	FALSE
-0,185	0,285	-0,004	0,011	0,137	FALSE
-0,132	0,284	-0,002	0,011	0,082	FALSE
-0,040	0,294	0,000	0,007	0,020	FALSE
-0,266	0,273	-0,008	0,010	0,340	FALSE
-0,201	0,280	-0,005	0,008	0,266	FALSE
-0,279	0,261	-0,008	0,010	0,397	FALSE
-0,159	0,280	-0,003	0,009	0,108	FALSE
-0,173	0,272	-0,005	0,011	0,174	FALSE
-0,150	0,277	-0,004	0,011	0,148	FALSE
-0,039	0,285	-0,001	0,013	0,043	FALSE
-0,045	0,290	-0,003	0,012	0,079	FALSE
-0,013	0,281	0,001	0,010	0,043	FALSE
-0,054	0,287	-0,003	0,012	0,106	FALSE
-0,057	0,285	-0,003	0,011	0,093	FALSE
-0,168	0,277	-0,005	0,013	0,174	FALSE

0,007	0,281	-0,001	0,013	0,030	FALSE
-0,042	0,296	-0,002	0,015	0,040	FALSE
0,023	0,287	0,002	0,015	0,045	FALSE
0,029	0,280	0,005	0,014	0,135	FALSE
-0,084	0,279	-0,005	0,014	0,139	FALSE
-0,120	0,277	-0,004	0,013	0,120	FALSE
-0,004	0,296	-0,001	0,013	0,025	FALSE
-0,120	0,302	-0,005	0,015	0,139	FALSE
0,004	0,304	0,000	0,012	0,014	FALSE
-0,136	0,285	-0,003	0,012	0,103	FALSE
-0,144	0,286	-0,003	0,013	0,092	FALSE
0,091	0,295	0,005	0,013	0,144	FALSE
-0,098	0,288	-0,002	0,011	0,072	FALSE
-0,126	0,285	-0,002	0,008	0,114	FALSE
0,002	0,289	0,000	0,012	0,013	FALSE
0,006	0,283	0,001	0,012	0,031	FALSE
-0,138	0,299	-0,003	0,009	0,129	FALSE
-0,141	0,279	-0,003	0,008	0,121	FALSE
-0,034	0,275	-0,001	0,012	0,031	FALSE
-0,041	0,288	-0,001	0,008	0,054	FALSE
-0,200	0,288	-0,005	0,011	0,195	FALSE
-0,035	0,285	0,000	0,008	0,001	FALSE
-0,057	0,278	0,000	0,008	0,019	FALSE
-0,131	0,288	-0,003	0,011	0,105	FALSE
-0,128	0,273	-0,005	0,011	0,168	FALSE
0,088	0,281	0,002	0,008	0,131	FALSE
-0,119	0,291	-0,004	0,011	0,153	FALSE
0,033	0,277	0,001	0,008	0,073	FALSE
-0,079	0,289	-0,005	0,014	0,130	FALSE
0,120	0,273	0,003	0,009	0,120	FALSE
0,096	0,276	0,004	0,013	0,121	FALSE
-0,161	0,271	-0,006	0,012	0,206	FALSE
-0,005	0,290	0,000	0,010	0,014	FALSE
-0,116	0,289	-0,003	0,011	0,117	FALSE
-0,148	0,281	-0,004	0,009	0,169	FALSE
-0,174	0,289	-0,006	0,011	0,220	FALSE
-0,013	0,299	-0,002	0,015	0,049	FALSE
0,039	0,280	0,000	0,008	0,018	FALSE
0,018	0,296	0,000	0,015	0,003	FALSE
0,072	0,282	0,001	0,007	0,074	FALSE
-0,001	0,304	0,001	0,009	0,040	FALSE
0,037	0,278	0,001	0,008	0,060	FALSE
0,005	0,298	-0,002	0,015	0,050	FALSE
0,013	0,275	0,000	0,007	0,018	FALSE
-0,193	0,284	-0,005	0,010	0,239	FALSE
-0,194	0,278	-0,005	0,009	0,279	FALSE
0,189	0,278	0,006	0,009	0,282	FALSE
-0,053	0,295	0,000	0,008	0,011	FALSE
0,097	0,284	0,002	0,011	0,055	FALSE
-0,051	0,281	-0,001	0,010	0,036	FALSE
0,021	0,289	0,000	0,010	0,007	FALSE
0,109	0,274	0,005	0,012	0,156	FALSE
0,055	0,287	0,003	0,010	0,124	FALSE

-0,042	0,285	-0,002	0,013	0,051	FALSE
-0,025	0,285	-0,002	0,013	0,054	FALSE
-0,051	0,294	-0,003	0,013	0,084	FALSE
-0,014	0,297	-0,001	0,013	0,027	FALSE
0,081	0,298	0,001	0,008	0,037	FALSE
-0,120	0,291	-0,004	0,014	0,122	FALSE
0,109	0,274	0,005	0,014	0,147	FALSE
0,118	0,280	0,002	0,008	0,091	FALSE
0,031	0,281	0,003	0,009	0,144	FALSE
0,053	0,287	0,005	0,011	0,208	FALSE
0,068	0,289	0,003	0,014	0,081	FALSE
-0,003	0,273	0,000	0,013	0,008	FALSE
-0,017	0,283	-0,001	0,012	0,031	FALSE
0,087	0,287	0,003	0,014	0,096	FALSE
0,023	0,293	0,002	0,013	0,042	FALSE
-0,064	0,280	-0,003	0,012	0,091	FALSE
-0,160	0,266	-0,006	0,012	0,224	FALSE
0,039	0,292	0,001	0,014	0,033	FALSE
0,069	0,289	0,002	0,014	0,065	FALSE
-0,022	0,270	0,000	0,014	0,001	FALSE
-0,004	0,264	0,000	0,014	0,008	FALSE
-0,160	0,275	-0,008	0,013	0,259	FALSE
-0,079	0,265	-0,003	0,013	0,077	FALSE
-0,074	0,278	-0,003	0,014	0,067	FALSE
-0,065	0,265	-0,002	0,013	0,062	FALSE
-0,077	0,280	-0,003	0,014	0,071	FALSE
-0,082	0,283	-0,005	0,014	0,147	FALSE
-0,069	0,259	-0,003	0,014	0,075	FALSE
-0,139	0,281	-0,003	0,008	0,161	FALSE
-0,228	0,267	-0,009	0,014	0,290	FALSE
0,033	0,287	0,001	0,015	0,019	FALSE
0,071	0,279	0,002	0,007	0,086	FALSE
0,161	0,286	0,004	0,010	0,188	FALSE
-0,175	0,276	-0,006	0,013	0,179	FALSE
0,185	0,279	0,006	0,016	0,150	FALSE
-0,077	0,279	-0,003	0,008	0,140	FALSE
-0,201	0,290	-0,005	0,011	0,165	FALSE
-0,116	0,289	-0,004	0,008	0,205	FALSE
0,009	0,273	0,000	0,014	0,006	FALSE
0,050	0,265	0,003	0,014	0,073	FALSE
0,070	0,272	0,000	0,010	0,011	FALSE
-0,093	0,282	-0,001	0,008	0,064	FALSE
-0,153	0,286	-0,003	0,007	0,190	FALSE
0,080	0,264	0,003	0,012	0,083	FALSE
0,159	0,282	0,007	0,015	0,183	FALSE
0,077	0,287	0,003	0,010	0,100	FALSE
0,019	0,274	-0,001	0,012	0,027	FALSE
0,095	0,280	0,005	0,013	0,165	FALSE
-0,021	0,286	0,000	0,015	0,009	FALSE
-0,153	0,265	-0,004	0,011	0,156	FALSE
-0,102	0,269	-0,002	0,011	0,064	FALSE
-0,162	0,274	-0,005	0,012	0,167	FALSE
-0,175	0,276	-0,011	0,012	0,423	FALSE

0,143	0,289	0,005	0,007	0,277	FALSE
-0,093	0,280	-0,001	0,012	0,042	FALSE
-0,064	0,285	-0,003	0,009	0,126	FALSE
-0,024	0,288	0,000	0,014	0,006	FALSE
0,225	0,289	0,008	0,014	0,247	FALSE
0,007	0,303	0,001	0,008	0,031	FALSE
-0,054	0,283	-0,003	0,013	0,081	FALSE
-0,100	0,291	-0,005	0,011	0,171	FALSE
0,041	0,289	0,003	0,013	0,095	FALSE
0,067	0,290	0,005	0,014	0,138	FALSE
0,095	0,297	0,006	0,014	0,192	FALSE
0,048	0,289	0,002	0,013	0,071	FALSE
0,015	0,296	0,001	0,014	0,035	FALSE
0,021	0,305	0,002	0,014	0,053	FALSE
0,118	0,282	0,005	0,011	0,195	FALSE
0,113	0,301	0,002	0,011	0,088	FALSE
-0,225	0,277	-0,008	0,011	0,336	FALSE
-0,234	0,270	-0,008	0,010	0,388	FALSE
0,100	0,274	0,004	0,013	0,119	FALSE
0,122	0,294	0,004	0,010	0,173	FALSE
0,039	0,275	0,000	0,008	0,012	FALSE
0,000	0,289	-0,002	0,011	0,077	FALSE
0,021	0,287	0,001	0,014	0,037	FALSE
0,014	0,284	0,000	0,007	0,024	FALSE
-0,085	0,286	-0,002	0,015	0,042	FALSE
-0,020	0,275	0,000	0,012	0,010	FALSE
-0,087	0,277	-0,002	0,014	0,052	FALSE
-0,216	0,280	-0,005	0,010	0,181	FALSE
-0,096	0,283	-0,003	0,015	0,069	FALSE
-0,100	0,280	-0,002	0,015	0,047	FALSE
-0,026	0,301	0,000	0,014	0,006	FALSE
0,046	0,295	0,001	0,014	0,033	FALSE
0,022	0,291	0,001	0,013	0,027	FALSE
0,096	0,291	0,003	0,013	0,079	FALSE
0,088	0,285	0,005	0,014	0,137	FALSE
-0,073	0,275	-0,004	0,013	0,125	FALSE
-0,107	0,263	-0,006	0,011	0,221	FALSE
-0,082	0,290	-0,002	0,008	0,115	FALSE
0,083	0,292	0,002	0,012	0,065	FALSE
0,143	0,288	0,004	0,013	0,133	FALSE
0,072	0,274	0,000	0,008	0,011	FALSE
-0,002	0,282	0,000	0,010	0,012	FALSE
-0,139	0,281	-0,004	0,008	0,192	FALSE
-0,029	0,273	-0,002	0,007	0,098	FALSE
0,081	0,295	0,003	0,012	0,095	FALSE
-0,089	0,297	-0,001	0,009	0,043	FALSE
-0,004	0,282	0,000	0,013	0,008	FALSE
0,126	0,294	0,004	0,009	0,202	FALSE
0,072	0,303	0,001	0,012	0,042	FALSE
-0,087	0,294	-0,005	0,014	0,151	FALSE
-0,003	0,294	0,000	0,011	0,010	FALSE
-0,021	0,285	0,001	0,013	0,018	FALSE
-0,113	0,286	-0,004	0,013	0,122	FALSE

-0,134	0,285	-0,006	0,014	0,166	FALSE
-0,135	0,277	-0,002	0,008	0,087	FALSE
0,120	0,287	0,003	0,013	0,083	FALSE
0,047	0,284	0,001	0,012	0,045	FALSE
-0,035	0,288	0,000	0,009	0,012	FALSE
0,119	0,290	0,004	0,013	0,131	FALSE
0,010	0,293	0,000	0,013	0,011	FALSE
-0,051	0,287	0,000	0,008	0,017	FALSE
-0,053	0,277	-0,001	0,007	0,031	FALSE
-0,057	0,283	-0,001	0,007	0,047	FALSE
-0,026	0,300	0,001	0,008	0,027	FALSE
0,111	0,286	0,006	0,013	0,191	FALSE
0,046	0,289	0,004	0,012	0,117	FALSE
-0,019	0,285	-0,003	0,015	0,083	FALSE
0,091	0,287	0,001	0,011	0,033	FALSE
0,015	0,267	-0,001	0,015	0,037	FALSE
0,068	0,284	0,003	0,009	0,116	FALSE
0,129	0,273	0,003	0,008	0,130	FALSE
-0,130	0,277	-0,004	0,008	0,185	FALSE
-0,117	0,290	-0,005	0,013	0,172	FALSE
0,055	0,272	-0,001	0,011	0,030	FALSE
-0,090	0,282	-0,002	0,008	0,089	FALSE
-0,015	0,295	0,000	0,009	0,008	FALSE
-0,128	0,284	-0,002	0,008	0,083	FALSE
-0,078	0,285	-0,002	0,009	0,061	FALSE
-0,016	0,284	0,000	0,014	0,009	FALSE
-0,053	0,286	-0,002	0,009	0,093	FALSE
-0,137	0,281	-0,004	0,013	0,124	FALSE
-0,108	0,286	-0,005	0,014	0,137	FALSE
-0,031	0,299	-0,001	0,010	0,042	FALSE
-0,003	0,282	-0,001	0,010	0,041	FALSE
0,024	0,300	0,001	0,011	0,026	FALSE
0,112	0,276	0,003	0,015	0,082	FALSE
0,016	0,294	0,002	0,014	0,041	FALSE
0,059	0,282	0,003	0,013	0,103	FALSE
-0,059	0,297	-0,002	0,008	0,072	FALSE
0,015	0,281	0,000	0,011	0,009	FALSE
-0,023	0,286	0,000	0,011	0,011	FALSE
-0,033	0,287	-0,001	0,010	0,025	FALSE
-0,010	0,293	0,001	0,011	0,017	FALSE
0,186	0,278	0,006	0,008	0,318	FALSE
0,154	0,283	0,006	0,011	0,265	FALSE
0,107	0,276	0,002	0,008	0,096	FALSE
0,069	0,303	0,001	0,009	0,051	FALSE
0,100	0,290	0,002	0,009	0,086	FALSE
0,214	0,280	0,006	0,010	0,237	FALSE
0,037	0,295	0,001	0,015	0,035	FALSE
0,121	0,295	0,004	0,010	0,179	FALSE
0,066	0,300	0,002	0,013	0,071	FALSE
-0,257	0,270	-0,007	0,009	0,390	FALSE
-0,224	0,269	-0,007	0,010	0,333	FALSE
0,176	0,288	0,004	0,009	0,170	FALSE
0,098	0,277	0,003	0,015	0,080	FALSE

0,167	0,275	0,005	0,011	0,192	FALSE
0,193	0,271	0,004	0,010	0,155	FALSE
0,188	0,276	0,004	0,010	0,157	FALSE
0,146	0,281	0,003	0,010	0,113	FALSE
-0,024	0,283	-0,001	0,011	0,044	FALSE
-0,092	0,284	-0,001	0,007	0,051	FALSE
0,001	0,295	-0,001	0,012	0,023	FALSE
-0,072	0,285	-0,003	0,011	0,094	FALSE
0,191	0,287	0,004	0,008	0,232	FALSE
-0,128	0,288	-0,001	0,013	0,042	FALSE
0,035	0,285	0,002	0,015	0,051	FALSE
0,082	0,294	0,004	0,016	0,092	FALSE
0,084	0,287	0,005	0,015	0,118	FALSE
-0,003	0,284	0,000	0,011	0,001	FALSE
0,027	0,287	0,000	0,014	0,010	FALSE
0,070	0,307	0,003	0,009	0,124	FALSE
-0,034	0,278	-0,001	0,009	0,045	FALSE
-0,020	0,288	-0,002	0,014	0,041	FALSE
-0,038	0,287	0,000	0,009	0,010	FALSE
-0,045	0,269	-0,001	0,007	0,041	FALSE
-0,054	0,300	-0,001	0,013	0,038	FALSE
-0,001	0,278	0,001	0,014	0,029	FALSE
-0,023	0,285	0,001	0,008	0,026	FALSE
-0,027	0,283	-0,001	0,012	0,028	FALSE
0,026	0,286	0,003	0,013	0,099	FALSE
-0,151	0,299	-0,003	0,008	0,169	FALSE
-0,140	0,275	-0,003	0,008	0,160	FALSE
-0,032	0,277	0,000	0,008	0,001	FALSE
0,057	0,278	0,001	0,010	0,037	FALSE
0,019	0,285	0,001	0,010	0,038	FALSE
0,025	0,283	0,001	0,009	0,043	FALSE
0,081	0,278	0,002	0,011	0,078	FALSE
-0,254	0,282	-0,013	0,016	0,382	FALSE
0,038	0,278	0,000	0,012	0,002	FALSE
-0,146	0,286	-0,004	0,007	0,245	FALSE
-0,101	0,268	-0,003	0,014	0,090	FALSE
0,115	0,286	0,004	0,010	0,169	FALSE
0,040	0,297	0,001	0,009	0,021	FALSE
-0,002	0,289	0,000	0,012	0,007	FALSE
-0,034	0,266	0,000	0,012	0,009	FALSE
0,128	0,295	0,004	0,009	0,166	FALSE
0,029	0,296	0,001	0,011	0,035	FALSE
0,155	0,287	0,007	0,013	0,228	FALSE
0,148	0,300	0,007	0,011	0,251	FALSE
-0,106	0,285	-0,004	0,008	0,200	FALSE
0,040	0,291	0,002	0,013	0,047	FALSE
-0,153	0,287	-0,005	0,010	0,188	FALSE
-0,131	0,276	-0,005	0,010	0,194	FALSE
-0,105	0,283	-0,004	0,010	0,157	FALSE
-0,130	0,270	-0,005	0,010	0,203	FALSE
-0,130	0,284	-0,005	0,015	0,144	FALSE
0,009	0,270	-0,001	0,010	0,039	FALSE
0,032	0,283	0,002	0,007	0,094	FALSE

0,030	0,289	0,001	0,009	0,050	FALSE
-0,075	0,286	-0,001	0,007	0,044	FALSE
-0,068	0,291	-0,004	0,011	0,157	FALSE
-0,053	0,293	-0,003	0,012	0,091	FALSE
-0,083	0,286	-0,005	0,012	0,174	FALSE
-0,070	0,292	-0,003	0,012	0,083	FALSE
0,100	0,288	0,003	0,007	0,136	FALSE
0,089	0,281	0,004	0,011	0,136	FALSE
0,078	0,298	0,001	0,008	0,043	FALSE
0,052	0,282	0,005	0,014	0,133	FALSE
0,050	0,272	0,005	0,013	0,142	FALSE
0,039	0,272	0,004	0,014	0,116	FALSE
0,023	0,290	0,002	0,014	0,065	FALSE
-0,115	0,283	-0,003	0,010	0,102	FALSE
0,066	0,284	0,003	0,014	0,091	FALSE
-0,047	0,299	-0,002	0,010	0,062	FALSE
-0,005	0,287	0,001	0,013	0,038	FALSE
0,093	0,284	0,002	0,008	0,117	FALSE
0,056	0,286	0,001	0,009	0,050	FALSE
0,051	0,289	0,001	0,010	0,027	FALSE
0,280	0,260	0,011	0,012	0,419	FALSE
-0,229	0,264	-0,009	0,012	0,357	FALSE
-0,093	0,278	-0,002	0,012	0,069	FALSE
-0,074	0,269	-0,004	0,014	0,123	FALSE
0,058	0,280	0,002	0,008	0,067	FALSE
-0,034	0,292	0,001	0,014	0,022	FALSE
-0,135	0,287	-0,004	0,009	0,173	FALSE
-0,089	0,284	-0,002	0,015	0,057	FALSE
0,009	0,288	0,002	0,011	0,072	FALSE
-0,269	0,262	-0,009	0,011	0,402	FALSE
0,181	0,269	0,010	0,015	0,288	FALSE
-0,016	0,278	-0,002	0,010	0,086	FALSE
0,095	0,299	0,004	0,014	0,121	FALSE
-0,212	0,275	-0,007	0,009	0,386	FALSE
0,012	0,295	0,002	0,008	0,099	FALSE
0,003	0,285	0,000	0,015	0,005	FALSE
-0,003	0,278	0,000	0,008	0,009	FALSE
0,112	0,282	0,004	0,015	0,098	FALSE
-0,074	0,289	-0,002	0,008	0,085	FALSE
-0,048	0,293	-0,001	0,012	0,045	FALSE
-0,032	0,283	-0,002	0,008	0,088	FALSE
0,088	0,286	0,004	0,015	0,100	FALSE
0,193	0,279	0,008	0,014	0,256	FALSE
0,035	0,290	0,002	0,008	0,092	FALSE
-0,047	0,280	-0,002	0,008	0,077	FALSE
0,046	0,284	0,002	0,015	0,054	FALSE
0,172	0,274	0,003	0,008	0,160	FALSE
0,012	0,283	0,001	0,009	0,056	FALSE
-0,001	0,309	0,000	0,014	0,008	FALSE
-0,051	0,288	-0,001	0,010	0,048	FALSE
0,019	0,281	0,000	0,013	0,005	FALSE
-0,130	0,281	-0,008	0,015	0,222	FALSE
-0,182	0,275	-0,004	0,008	0,234	FALSE

-0,181	0,271	-0,004	0,008	0,196	FALSE
0,159	0,259	0,004	0,008	0,185	FALSE
0,013	0,277	0,000	0,008	0,013	FALSE
0,028	0,296	0,001	0,011	0,036	FALSE
-0,095	0,283	-0,007	0,015	0,196	FALSE
-0,146	0,272	-0,005	0,011	0,193	FALSE
-0,180	0,286	-0,006	0,010	0,243	FALSE
-0,025	0,274	-0,001	0,007	0,061	FALSE
-0,080	0,278	-0,005	0,014	0,147	FALSE
-0,011	0,296	-0,001	0,015	0,019	FALSE
0,029	0,301	0,001	0,014	0,028	FALSE
0,090	0,289	0,002	0,008	0,120	FALSE
0,099	0,289	0,005	0,010	0,188	FALSE
-0,101	0,290	-0,006	0,014	0,181	FALSE
-0,110	0,277	-0,007	0,014	0,213	FALSE
-0,021	0,288	-0,003	0,015	0,074	FALSE
-0,009	0,270	0,001	0,010	0,038	FALSE
-0,062	0,273	-0,002	0,011	0,083	FALSE
-0,039	0,293	-0,002	0,013	0,071	FALSE
0,109	0,286	0,004	0,014	0,120	FALSE
0,193	0,280	0,003	0,008	0,160	FALSE
0,073	0,297	0,002	0,013	0,053	FALSE
0,247	0,266	0,011	0,014	0,359	FALSE
0,278	0,274	0,009	0,010	0,425	FALSE
-0,065	0,294	-0,003	0,011	0,101	FALSE
0,211	0,276	0,004	0,008	0,203	FALSE
0,085	0,286	0,003	0,007	0,168	FALSE
-0,033	0,308	0,000	0,016	0,003	FALSE
-0,062	0,282	0,000	0,012	0,008	FALSE
0,001	0,309	0,001	0,015	0,017	FALSE
-0,082	0,291	-0,002	0,010	0,075	FALSE
-0,119	0,286	-0,003	0,010	0,121	FALSE
0,044	0,296	0,004	0,015	0,102	FALSE
0,146	0,283	0,006	0,015	0,148	FALSE
0,118	0,286	0,003	0,014	0,084	FALSE
0,017	0,291	-0,002	0,011	0,058	FALSE
-0,006	0,304	-0,001	0,016	0,016	FALSE
0,142	0,289	0,005	0,011	0,200	FALSE
0,103	0,280	0,003	0,014	0,091	FALSE
-0,024	0,271	-0,002	0,010	0,090	FALSE
0,212	0,286	0,011	0,014	0,337	FALSE
0,093	0,284	0,003	0,011	0,119	FALSE
0,079	0,287	0,004	0,013	0,124	FALSE
0,066	0,287	0,004	0,013	0,120	FALSE
0,034	0,290	0,003	0,011	0,094	FALSE
-0,151	0,290	-0,009	0,016	0,239	FALSE
-0,148	0,292	-0,009	0,015	0,239	FALSE
-0,152	0,285	-0,006	0,013	0,194	FALSE
-0,053	0,297	-0,002	0,012	0,048	FALSE
-0,051	0,289	-0,001	0,012	0,034	FALSE
0,033	0,298	0,001	0,012	0,041	FALSE
0,059	0,295	0,003	0,014	0,091	FALSE
-0,009	0,283	-0,001	0,013	0,019	FALSE

-0,081	0,287	0,000	0,012	0,011	FALSE
-0,044	0,283	0,001	0,010	0,023	FALSE
-0,062	0,291	-0,004	0,012	0,123	FALSE
-0,072	0,284	-0,003	0,012	0,113	FALSE
-0,073	0,282	-0,004	0,012	0,120	FALSE
-0,006	0,296	0,000	0,013	0,010	FALSE
-0,019	0,295	0,000	0,009	0,008	FALSE
-0,007	0,287	-0,001	0,008	0,043	FALSE
0,040	0,264	0,000	0,007	0,016	FALSE
0,004	0,291	-0,001	0,008	0,038	FALSE
0,016	0,292	0,000	0,008	0,001	FALSE
-0,090	0,287	-0,002	0,008	0,086	FALSE
-0,073	0,283	-0,001	0,008	0,053	FALSE
0,104	0,283	0,003	0,008	0,128	FALSE
0,103	0,296	0,006	0,014	0,172	FALSE
0,019	0,291	0,001	0,014	0,024	FALSE
-0,055	0,284	0,000	0,012	0,009	FALSE
-0,003	0,290	0,000	0,015	0,002	FALSE
0,158	0,277	0,004	0,010	0,172	FALSE
-0,193	0,279	-0,004	0,007	0,233	FALSE
-0,036	0,291	-0,001	0,009	0,021	FALSE
-0,064	0,294	-0,001	0,009	0,036	FALSE
0,034	0,297	0,002	0,008	0,109	FALSE
-0,021	0,279	-0,004	0,014	0,100	FALSE
-0,051	0,265	-0,004	0,009	0,191	FALSE
-0,079	0,285	-0,002	0,008	0,104	FALSE
-0,085	0,288	-0,002	0,009	0,087	FALSE
0,032	0,292	0,003	0,010	0,100	FALSE
-0,039	0,282	-0,002	0,014	0,049	FALSE
-0,075	0,282	-0,006	0,014	0,167	FALSE
0,162	0,266	0,004	0,012	0,136	FALSE
-0,025	0,293	0,000	0,009	0,019	FALSE
0,069	0,289	0,001	0,015	0,026	FALSE
-0,101	0,291	-0,002	0,009	0,095	FALSE
0,083	0,278	0,004	0,012	0,138	FALSE
0,033	0,286	0,001	0,007	0,049	FALSE
-0,167	0,286	-0,006	0,013	0,181	FALSE
0,026	0,293	0,001	0,014	0,028	FALSE
0,016	0,281	0,001	0,010	0,057	FALSE
-0,057	0,296	0,000	0,013	0,006	FALSE
0,046	0,274	-0,001	0,014	0,031	FALSE
0,017	0,273	0,000	0,010	0,015	FALSE
0,086	0,283	0,001	0,011	0,048	FALSE
0,009	0,287	0,004	0,015	0,101	FALSE
-0,093	0,302	-0,002	0,015	0,050	FALSE
-0,076	0,282	-0,001	0,014	0,025	FALSE
-0,079	0,277	-0,001	0,015	0,030	FALSE
-0,093	0,279	-0,002	0,014	0,045	FALSE
0,194	0,284	0,006	0,015	0,162	FALSE
-0,052	0,301	-0,004	0,014	0,104	FALSE
-0,124	0,276	-0,004	0,015	0,116	FALSE
0,057	0,302	0,002	0,009	0,065	FALSE
0,046	0,301	0,002	0,008	0,075	FALSE

0,070	0,295	0,003	0,008	0,137	FALSE
0,118	0,290	0,006	0,015	0,152	FALSE
0,020	0,277	0,001	0,010	0,035	FALSE
0,038	0,288	0,001	0,009	0,034	FALSE
-0,073	0,291	-0,003	0,011	0,111	FALSE
0,057	0,289	0,001	0,015	0,018	FALSE
0,053	0,286	0,001	0,008	0,046	FALSE
-0,016	0,292	-0,001	0,010	0,042	FALSE
0,027	0,285	0,000	0,009	0,008	FALSE
-0,037	0,288	-0,003	0,015	0,070	FALSE
0,004	0,287	0,000	0,011	0,008	FALSE
0,014	0,298	0,000	0,015	0,002	FALSE
0,054	0,276	0,000	0,008	0,011	FALSE
-0,009	0,294	0,000	0,010	0,010	FALSE
0,077	0,288	0,003	0,014	0,068	FALSE
-0,109	0,274	-0,004	0,015	0,104	FALSE
-0,116	0,271	-0,004	0,015	0,094	FALSE
-0,112	0,269	-0,003	0,014	0,090	FALSE
-0,085	0,282	-0,002	0,015	0,060	FALSE
0,071	0,281	0,001	0,010	0,026	FALSE
-0,016	0,279	-0,001	0,011	0,041	FALSE
-0,008	0,295	-0,001	0,012	0,029	FALSE
0,099	0,276	0,003	0,011	0,091	FALSE
0,005	0,294	0,001	0,007	0,036	FALSE
0,093	0,280	0,001	0,008	0,041	FALSE
0,048	0,289	0,002	0,014	0,062	FALSE
-0,023	0,283	-0,001	0,014	0,033	FALSE
0,068	0,296	0,003	0,013	0,093	FALSE
0,070	0,297	0,002	0,009	0,092	FALSE
0,153	0,280	0,005	0,015	0,146	FALSE
-0,104	0,284	-0,005	0,011	0,173	FALSE
0,142	0,277	0,004	0,009	0,177	FALSE
-0,239	0,271	-0,009	0,011	0,375	FALSE
0,034	0,285	0,001	0,008	0,069	FALSE
0,082	0,289	0,004	0,014	0,114	FALSE
-0,089	0,284	-0,003	0,008	0,169	FALSE
-0,066	0,273	-0,001	0,009	0,042	FALSE
-0,056	0,279	-0,002	0,009	0,080	FALSE
-0,026	0,284	0,001	0,015	0,016	FALSE
-0,101	0,284	-0,004	0,009	0,153	FALSE
-0,012	0,290	0,000	0,009	0,001	FALSE
0,115	0,267	0,006	0,011	0,212	FALSE
0,041	0,292	0,003	0,015	0,065	FALSE
-0,105	0,294	-0,005	0,010	0,191	FALSE
0,047	0,292	0,002	0,010	0,060	FALSE
-0,109	0,289	-0,004	0,015	0,115	FALSE
0,049	0,285	0,001	0,011	0,046	FALSE
0,035	0,285	0,001	0,011	0,026	FALSE
-0,167	0,285	-0,007	0,013	0,212	FALSE
-0,188	0,296	-0,008	0,013	0,281	FALSE
-0,242	0,269	-0,008	0,012	0,291	FALSE
-0,200	0,277	-0,007	0,013	0,243	FALSE
-0,070	0,293	-0,001	0,014	0,016	FALSE

0,037	0,300	0,000	0,013	0,002	FALSE
0,016	0,289	0,000	0,009	0,018	FALSE
-0,162	0,281	-0,007	0,013	0,225	FALSE
-0,167	0,276	-0,007	0,013	0,229	FALSE
-0,166	0,282	-0,007	0,013	0,215	FALSE
-0,162	0,273	-0,007	0,012	0,231	FALSE
-0,044	0,294	-0,001	0,011	0,038	FALSE
-0,073	0,286	-0,004	0,011	0,134	FALSE
-0,007	0,288	0,000	0,014	0,011	FALSE
-0,018	0,278	-0,001	0,015	0,033	FALSE
0,032	0,283	0,000	0,012	0,010	FALSE
0,017	0,292	0,001	0,015	0,017	FALSE
0,054	0,290	0,000	0,015	0,004	FALSE
-0,140	0,287	-0,003	0,008	0,136	FALSE
0,080	0,283	0,003	0,011	0,098	FALSE
0,041	0,296	0,000	0,011	0,016	FALSE
0,178	0,278	0,003	0,008	0,155	FALSE
0,032	0,281	0,002	0,009	0,078	FALSE
-0,104	0,285	-0,003	0,007	0,168	FALSE
-0,038	0,298	-0,001	0,011	0,026	FALSE
-0,052	0,290	-0,001	0,010	0,035	FALSE
0,002	0,298	0,001	0,010	0,028	FALSE
-0,129	0,268	-0,006	0,013	0,195	FALSE
0,168	0,291	0,004	0,012	0,150	FALSE
-0,209	0,269	-0,007	0,014	0,218	FALSE
-0,100	0,284	-0,003	0,013	0,094	FALSE
-0,151	0,283	-0,003	0,009	0,113	FALSE
-0,208	0,286	-0,007	0,015	0,199	FALSE
-0,176	0,280	-0,006	0,013	0,192	FALSE
-0,205	0,282	-0,007	0,014	0,212	FALSE
0,122	0,293	0,003	0,015	0,082	FALSE
0,006	0,272	-0,001	0,013	0,037	FALSE
0,256	0,261	0,006	0,008	0,354	FALSE
-0,108	0,289	-0,002	0,008	0,090	FALSE
-0,108	0,276	-0,004	0,014	0,124	FALSE
-0,179	0,282	-0,009	0,015	0,270	FALSE
0,065	0,298	0,004	0,010	0,139	FALSE
-0,155	0,277	-0,006	0,010	0,245	FALSE
0,046	0,278	0,004	0,013	0,139	FALSE
0,114	0,289	0,002	0,009	0,101	FALSE
-0,034	0,295	-0,002	0,015	0,046	FALSE
-0,074	0,289	-0,003	0,010	0,115	FALSE
0,109	0,301	0,003	0,010	0,119	FALSE
0,006	0,287	0,001	0,014	0,014	FALSE
0,099	0,292	0,003	0,011	0,097	FALSE
0,119	0,268	0,002	0,007	0,085	FALSE
-0,114	0,288	-0,004	0,011	0,133	FALSE
-0,141	0,277	-0,005	0,015	0,140	FALSE
0,023	0,305	0,000	0,010	0,005	FALSE
0,074	0,296	0,002	0,011	0,088	FALSE
0,111	0,277	0,005	0,010	0,212	FALSE
-0,115	0,276	-0,001	0,009	0,027	FALSE
0,071	0,293	0,004	0,010	0,146	FALSE

0,017	0,285	-0,001	0,010	0,048	FALSE
-0,091	0,278	-0,006	0,011	0,230	FALSE
-0,160	0,284	-0,005	0,013	0,165	FALSE
0,000	0,292	0,001	0,009	0,020	FALSE
-0,013	0,288	-0,001	0,012	0,043	FALSE
0,105	0,298	0,005	0,015	0,124	FALSE
0,078	0,284	0,004	0,008	0,209	FALSE
-0,079	0,286	-0,001	0,008	0,053	FALSE
0,009	0,288	0,000	0,008	0,019	FALSE
0,073	0,290	0,002	0,011	0,079	FALSE
0,012	0,283	0,000	0,008	0,021	FALSE
-0,121	0,281	-0,007	0,013	0,247	FALSE
-0,182	0,286	-0,009	0,013	0,321	FALSE
-0,045	0,291	0,000	0,015	0,005	FALSE
-0,065	0,293	-0,002	0,010	0,072	FALSE
-0,068	0,281	-0,002	0,011	0,058	FALSE
0,029	0,290	0,000	0,011	0,015	FALSE
-0,172	0,292	-0,003	0,007	0,194	FALSE
0,014	0,288	-0,002	0,013	0,054	FALSE
-0,074	0,286	-0,007	0,014	0,195	FALSE
0,156	0,289	0,008	0,015	0,245	FALSE
-0,117	0,282	-0,002	0,014	0,055	FALSE
0,064	0,287	0,005	0,013	0,147	FALSE
0,095	0,287	0,004	0,007	0,252	FALSE
-0,041	0,283	0,001	0,013	0,032	FALSE
-0,111	0,291	-0,006	0,012	0,196	FALSE
-0,105	0,277	-0,006	0,010	0,236	FALSE
0,052	0,305	0,003	0,010	0,112	FALSE
0,075	0,305	0,003	0,009	0,121	FALSE
-0,032	0,285	-0,002	0,009	0,081	FALSE
-0,099	0,285	-0,002	0,008	0,094	FALSE
0,002	0,281	0,002	0,010	0,071	FALSE
-0,117	0,285	-0,003	0,013	0,083	FALSE
0,179	0,277	0,004	0,009	0,171	FALSE
-0,072	0,296	0,000	0,012	0,004	FALSE
-0,094	0,293	-0,003	0,015	0,086	FALSE
0,029	0,296	0,003	0,015	0,077	FALSE
0,117	0,266	0,004	0,008	0,181	FALSE
0,066	0,274	0,001	0,013	0,021	FALSE
-0,079	0,281	-0,002	0,012	0,062	FALSE
-0,095	0,291	-0,002	0,012	0,073	FALSE
0,142	0,267	0,008	0,012	0,296	FALSE
0,000	0,279	0,000	0,013	0,006	FALSE
-0,013	0,278	-0,003	0,014	0,089	FALSE
-0,030	0,295	-0,003	0,015	0,068	FALSE
-0,001	0,290	0,001	0,010	0,027	FALSE
-0,096	0,284	-0,002	0,010	0,091	FALSE
-0,168	0,294	-0,005	0,012	0,173	FALSE
0,021	0,292	0,000	0,008	0,009	FALSE
0,211	0,285	0,004	0,008	0,238	FALSE
0,005	0,272	0,001	0,011	0,045	FALSE
-0,257	0,270	-0,007	0,010	0,330	FALSE
-0,048	0,277	0,001	0,013	0,039	FALSE

0,080	0,290	0,002	0,010	0,092	FALSE
-0,045	0,296	-0,001	0,008	0,026	FALSE
-0,107	0,293	-0,003	0,008	0,177	FALSE
-0,134	0,268	-0,004	0,008	0,215	FALSE
0,245	0,267	0,004	0,008	0,232	FALSE
-0,109	0,290	-0,002	0,011	0,075	FALSE
-0,029	0,293	0,000	0,008	0,018	FALSE
0,018	0,286	-0,002	0,011	0,068	FALSE
-0,106	0,276	-0,002	0,010	0,089	FALSE
-0,107	0,275	-0,003	0,010	0,100	FALSE
0,097	0,282	0,004	0,008	0,201	FALSE
0,048	0,275	0,001	0,007	0,039	FALSE
0,071	0,299	0,001	0,011	0,027	FALSE
0,022	0,287	0,000	0,012	0,008	FALSE
0,067	0,288	-0,001	0,015	0,030	FALSE
-0,021	0,301	0,000	0,010	0,006	FALSE
0,038	0,296	0,001	0,011	0,033	FALSE
0,046	0,285	0,000	0,012	0,013	FALSE
-0,067	0,284	-0,002	0,008	0,101	FALSE
0,006	0,306	0,000	0,015	0,001	FALSE
0,108	0,276	0,002	0,015	0,061	FALSE
0,102	0,276	0,002	0,015	0,057	FALSE
-0,032	0,295	-0,002	0,015	0,036	FALSE
-0,014	0,285	0,001	0,013	0,018	FALSE
0,010	0,281	0,002	0,015	0,047	FALSE
-0,266	0,276	-0,009	0,014	0,294	FALSE
-0,070	0,285	-0,002	0,009	0,107	FALSE
0,020	0,283	-0,001	0,008	0,038	FALSE
0,033	0,285	0,000	0,008	0,011	FALSE
-0,027	0,287	0,000	0,010	0,016	FALSE
-0,150	0,289	-0,006	0,014	0,179	FALSE
0,171	0,288	0,007	0,013	0,227	FALSE
0,105	0,277	0,004	0,012	0,122	FALSE
0,062	0,290	0,003	0,013	0,079	FALSE
0,087	0,285	0,002	0,012	0,061	FALSE
0,130	0,291	0,004	0,012	0,120	FALSE
0,136	0,267	0,004	0,015	0,108	FALSE
0,089	0,278	0,003	0,007	0,179	FALSE
-0,008	0,280	0,000	0,013	0,006	FALSE
-0,053	0,289	-0,001	0,014	0,029	FALSE
0,005	0,285	-0,002	0,008	0,072	FALSE
0,104	0,287	0,006	0,013	0,185	FALSE
0,189	0,295	0,005	0,007	0,329	FALSE
0,133	0,283	0,008	0,012	0,281	FALSE
0,170	0,280	0,004	0,008	0,171	FALSE
0,077	0,286	0,006	0,015	0,166	FALSE
0,061	0,297	0,003	0,015	0,073	FALSE
0,133	0,284	0,003	0,010	0,107	FALSE
-0,039	0,281	-0,001	0,013	0,020	FALSE
0,044	0,307	0,001	0,011	0,023	FALSE
-0,034	0,273	-0,001	0,010	0,040	FALSE
-0,174	0,281	-0,007	0,015	0,195	FALSE
-0,181	0,277	-0,007	0,015	0,214	FALSE

-0,127	0,273	-0,003	0,008	0,121	FALSE
-0,003	0,294	0,001	0,014	0,033	FALSE
0,004	0,282	0,001	0,014	0,038	FALSE
-0,057	0,287	-0,001	0,013	0,042	FALSE
0,045	0,294	0,002	0,007	0,115	FALSE
-0,090	0,279	-0,004	0,015	0,093	FALSE
0,116	0,279	0,002	0,010	0,089	FALSE
0,108	0,283	0,002	0,009	0,071	FALSE
0,117	0,283	0,002	0,009	0,093	FALSE
-0,137	0,281	-0,004	0,014	0,114	FALSE
-0,069	0,287	0,000	0,008	0,007	FALSE
0,033	0,301	-0,002	0,014	0,054	FALSE
0,081	0,276	0,003	0,011	0,085	FALSE
0,161	0,286	0,006	0,015	0,168	FALSE
0,119	0,296	0,004	0,015	0,101	FALSE
0,042	0,290	0,003	0,012	0,105	FALSE
0,221	0,292	0,010	0,016	0,282	FALSE
-0,006	0,292	0,002	0,009	0,090	FALSE
-0,086	0,272	-0,006	0,012	0,228	FALSE
0,118	0,269	0,002	0,007	0,137	FALSE
0,073	0,291	0,001	0,008	0,041	FALSE
-0,035	0,271	-0,001	0,007	0,047	FALSE
-0,001	0,298	0,001	0,014	0,031	FALSE
-0,151	0,275	-0,007	0,014	0,203	FALSE
0,133	0,290	0,003	0,010	0,123	FALSE
0,156	0,284	0,004	0,010	0,160	FALSE
0,005	0,287	0,001	0,007	0,059	FALSE
-0,061	0,282	-0,001	0,009	0,050	FALSE
-0,043	0,293	0,001	0,012	0,015	FALSE
-0,145	0,286	-0,005	0,014	0,140	FALSE
-0,058	0,296	-0,002	0,008	0,072	FALSE
-0,211	0,279	-0,004	0,007	0,239	FALSE
-0,204	0,275	-0,004	0,007	0,237	FALSE
-0,263	0,255	-0,006	0,007	0,357	FALSE
0,051	0,277	0,001	0,011	0,034	FALSE
0,019	0,289	0,001	0,007	0,044	FALSE
-0,054	0,295	-0,002	0,009	0,067	FALSE
-0,083	0,286	-0,004	0,015	0,096	FALSE
0,152	0,284	0,005	0,011	0,191	FALSE
-0,096	0,287	-0,003	0,007	0,184	FALSE
0,029	0,281	-0,001	0,009	0,034	FALSE
0,111	0,284	0,002	0,007	0,086	FALSE
0,296	0,277	0,009	0,010	0,405	FALSE
0,061	0,299	0,001	0,014	0,029	FALSE
0,033	0,292	0,002	0,011	0,056	FALSE
0,056	0,289	0,002	0,013	0,048	FALSE
-0,049	0,285	-0,004	0,015	0,104	FALSE
-0,071	0,289	-0,001	0,007	0,027	FALSE
0,016	0,300	0,000	0,012	0,009	FALSE
-0,074	0,277	-0,005	0,013	0,164	FALSE
-0,091	0,293	-0,003	0,014	0,071	FALSE
0,075	0,302	0,001	0,012	0,031	FALSE
0,040	0,280	-0,001	0,013	0,033	FALSE

0,002	0,291	-0,002	0,013	0,071	FALSE
-0,014	0,289	-0,003	0,013	0,073	FALSE
-0,001	0,300	-0,003	0,014	0,069	FALSE
-0,133	0,302	-0,006	0,012	0,216	FALSE
0,058	0,276	0,000	0,012	0,011	FALSE
0,068	0,281	0,001	0,009	0,041	FALSE
-0,027	0,300	0,001	0,014	0,035	FALSE
-0,106	0,280	-0,004	0,008	0,192	FALSE
-0,199	0,276	-0,005	0,009	0,256	FALSE
0,052	0,303	0,001	0,012	0,045	FALSE
0,037	0,276	0,002	0,008	0,098	FALSE
0,028	0,287	0,001	0,008	0,065	FALSE
0,060	0,279	0,002	0,009	0,099	FALSE
0,018	0,291	0,001	0,009	0,056	FALSE
-0,054	0,292	-0,001	0,008	0,065	FALSE
-0,073	0,272	-0,001	0,013	0,016	FALSE
0,150	0,278	0,002	0,009	0,107	FALSE
-0,105	0,292	-0,002	0,008	0,093	FALSE
0,001	0,291	0,002	0,007	0,082	FALSE
0,083	0,283	0,002	0,009	0,066	FALSE
-0,025	0,295	0,001	0,014	0,017	FALSE
0,044	0,279	0,002	0,014	0,064	FALSE
0,046	0,275	0,002	0,012	0,066	FALSE
-0,007	0,284	-0,001	0,014	0,014	FALSE
0,071	0,284	0,003	0,013	0,088	FALSE
-0,010	0,301	0,000	0,014	0,010	FALSE
0,017	0,281	0,002	0,012	0,052	FALSE
0,055	0,297	0,001	0,015	0,026	FALSE
-0,145	0,283	-0,006	0,014	0,157	FALSE
-0,033	0,286	0,000	0,013	0,002	FALSE
0,016	0,273	-0,001	0,009	0,038	FALSE
-0,119	0,294	-0,003	0,009	0,127	FALSE
-0,131	0,291	-0,002	0,008	0,110	FALSE
-0,185	0,277	-0,006	0,009	0,258	FALSE
-0,052	0,278	-0,004	0,015	0,092	FALSE
0,023	0,288	0,001	0,009	0,052	FALSE
0,082	0,291	0,002	0,008	0,109	FALSE
-0,019	0,289	-0,001	0,009	0,031	FALSE
0,040	0,294	0,002	0,010	0,068	FALSE
-0,072	0,292	0,000	0,015	0,004	FALSE
-0,138	0,286	-0,002	0,015	0,062	FALSE
0,223	0,276	0,007	0,014	0,221	FALSE
-0,155	0,269	-0,003	0,007	0,148	FALSE
-0,043	0,292	-0,002	0,014	0,065	FALSE
-0,050	0,279	-0,001	0,008	0,025	FALSE
0,026	0,291	0,000	0,012	0,006	FALSE
-0,029	0,296	0,000	0,010	0,018	FALSE
0,062	0,277	0,008	0,015	0,226	FALSE
0,232	0,278	0,006	0,010	0,274	FALSE
-0,068	0,284	-0,005	0,014	0,136	FALSE
0,065	0,283	0,008	0,015	0,219	FALSE
-0,007	0,288	-0,001	0,014	0,018	FALSE
0,247	0,287	0,007	0,010	0,299	FALSE

0,147	0,281	0,005	0,011	0,198	FALSE
-0,121	0,276	-0,005	0,011	0,181	FALSE
-0,023	0,275	-0,001	0,013	0,015	FALSE
0,078	0,283	0,001	0,011	0,021	FALSE
0,039	0,290	0,000	0,013	0,007	FALSE
-0,255	0,269	-0,007	0,010	0,302	FALSE
-0,106	0,279	-0,002	0,007	0,102	FALSE
-0,075	0,286	-0,002	0,014	0,063	FALSE
-0,196	0,274	-0,007	0,011	0,260	FALSE
-0,229	0,279	-0,009	0,013	0,317	FALSE
0,037	0,290	0,003	0,014	0,067	FALSE
0,043	0,275	0,003	0,009	0,117	FALSE
0,047	0,291	0,002	0,009	0,099	FALSE
-0,047	0,294	-0,001	0,014	0,036	FALSE
0,194	0,267	0,006	0,013	0,195	FALSE
0,211	0,273	0,007	0,013	0,223	FALSE
0,175	0,278	0,006	0,014	0,164	FALSE
0,229	0,279	0,008	0,014	0,243	FALSE
0,190	0,278	0,007	0,014	0,202	FALSE
0,219	0,281	0,007	0,013	0,237	FALSE
-0,189	0,272	-0,004	0,011	0,152	FALSE
-0,166	0,273	-0,004	0,010	0,134	FALSE
-0,183	0,283	-0,004	0,011	0,155	FALSE
-0,169	0,287	-0,004	0,011	0,131	FALSE
-0,169	0,270	-0,004	0,010	0,134	FALSE
-0,010	0,310	-0,002	0,015	0,055	FALSE
0,047	0,293	0,001	0,009	0,024	FALSE
-0,126	0,291	-0,003	0,009	0,123	FALSE
0,099	0,277	0,004	0,010	0,166	FALSE
0,050	0,288	0,002	0,010	0,073	FALSE
-0,135	0,283	-0,002	0,008	0,114	FALSE
-0,144	0,281	-0,002	0,008	0,121	FALSE
0,088	0,294	0,003	0,009	0,144	FALSE
-0,139	0,281	-0,005	0,007	0,305	FALSE
-0,203	0,272	-0,007	0,012	0,288	FALSE
0,028	0,295	-0,002	0,015	0,037	FALSE
-0,030	0,287	-0,004	0,015	0,096	FALSE
0,208	0,278	0,005	0,010	0,206	FALSE
0,111	0,280	0,000	0,014	0,011	FALSE
-0,098	0,286	-0,004	0,010	0,167	FALSE
0,081	0,292	0,000	0,015	0,003	FALSE
0,136	0,279	0,002	0,013	0,072	FALSE
-0,016	0,296	0,001	0,014	0,031	FALSE
0,061	0,289	0,004	0,009	0,175	FALSE
-0,037	0,294	-0,001	0,015	0,027	FALSE
0,004	0,295	0,002	0,015	0,040	FALSE
0,021	0,295	0,002	0,011	0,059	FALSE
0,025	0,291	0,001	0,013	0,032	FALSE
-0,134	0,274	-0,006	0,010	0,241	FALSE
0,034	0,285	0,001	0,008	0,023	FALSE
-0,228	0,268	-0,006	0,008	0,351	FALSE
0,082	0,288	0,002	0,012	0,052	FALSE
-0,233	0,272	-0,013	0,014	0,440	FALSE

-0,068	0,289	-0,002	0,008	0,109	FALSE
0,021	0,284	0,000	0,013	0,004	FALSE
0,107	0,283	0,006	0,010	0,250	FALSE
0,113	0,273	0,007	0,014	0,204	FALSE
0,121	0,288	0,003	0,011	0,122	FALSE
0,177	0,277	0,006	0,009	0,269	FALSE
0,162	0,295	0,005	0,010	0,217	FALSE
-0,094	0,297	-0,002	0,009	0,080	FALSE
0,134	0,286	0,004	0,009	0,185	FALSE
-0,173	0,284	-0,008	0,014	0,229	FALSE
-0,166	0,270	-0,008	0,014	0,257	FALSE
-0,064	0,263	-0,002	0,007	0,125	FALSE
0,089	0,288	0,003	0,008	0,157	FALSE
-0,072	0,274	-0,002	0,007	0,134	FALSE
-0,032	0,280	0,000	0,009	0,008	FALSE
-0,045	0,278	-0,004	0,012	0,120	FALSE
0,097	0,291	0,004	0,015	0,102	FALSE
-0,032	0,292	0,000	0,008	0,022	FALSE
-0,086	0,294	-0,003	0,014	0,074	FALSE
0,049	0,287	0,001	0,009	0,032	FALSE
0,048	0,288	0,002	0,007	0,081	FALSE
0,030	0,301	0,001	0,016	0,014	FALSE
-0,098	0,279	-0,002	0,009	0,092	FALSE
0,090	0,284	0,002	0,012	0,054	FALSE
-0,103	0,286	-0,003	0,008	0,143	FALSE
-0,071	0,291	-0,001	0,008	0,058	FALSE
-0,089	0,277	-0,003	0,011	0,116	FALSE
0,087	0,285	0,002	0,011	0,068	FALSE
0,020	0,281	0,004	0,012	0,128	FALSE
-0,053	0,295	-0,002	0,014	0,067	FALSE
0,066	0,290	0,002	0,009	0,105	FALSE
0,031	0,293	0,002	0,008	0,087	FALSE
-0,019	0,276	0,000	0,009	0,007	FALSE
-0,095	0,281	-0,003	0,010	0,101	FALSE
-0,088	0,278	-0,003	0,010	0,104	FALSE
-0,101	0,295	-0,003	0,011	0,090	FALSE
-0,026	0,295	-0,001	0,008	0,058	FALSE
0,140	0,282	0,006	0,011	0,224	FALSE
0,013	0,292	0,000	0,016	0,006	FALSE
-0,123	0,284	-0,005	0,014	0,151	FALSE
0,096	0,274	0,002	0,007	0,122	FALSE
-0,019	0,294	-0,002	0,015	0,046	FALSE
0,160	0,293	0,004	0,008	0,182	FALSE
0,039	0,281	-0,001	0,012	0,044	FALSE
-0,025	0,298	-0,001	0,010	0,042	FALSE
0,046	0,286	0,003	0,010	0,131	FALSE
0,078	0,275	0,006	0,014	0,163	FALSE
-0,064	0,284	-0,001	0,008	0,057	FALSE
-0,004	0,286	0,000	0,015	0,009	FALSE
-0,019	0,291	0,001	0,011	0,042	FALSE
0,021	0,281	0,000	0,014	0,007	FALSE
0,028	0,290	0,000	0,012	0,012	FALSE
0,034	0,276	0,001	0,014	0,022	FALSE

-0,033	0,297	0,001	0,012	0,034	FALSE
-0,024	0,295	0,000	0,008	0,006	FALSE
-0,066	0,277	-0,005	0,014	0,140	FALSE
0,064	0,283	0,003	0,012	0,090	FALSE
0,066	0,288	0,004	0,012	0,122	FALSE
0,123	0,286	0,003	0,014	0,091	FALSE
0,014	0,271	0,001	0,014	0,033	FALSE
0,054	0,295	0,002	0,008	0,104	FALSE
0,037	0,293	0,001	0,008	0,063	FALSE
0,052	0,269	0,001	0,008	0,027	FALSE
-0,010	0,280	-0,001	0,014	0,029	FALSE
0,077	0,285	0,003	0,014	0,072	FALSE
0,089	0,289	0,003	0,014	0,089	FALSE
-0,010	0,293	0,000	0,009	0,002	FALSE
-0,091	0,280	-0,006	0,014	0,157	FALSE
-0,035	0,304	-0,005	0,014	0,129	FALSE
-0,035	0,300	-0,003	0,014	0,092	FALSE
0,107	0,294	0,003	0,011	0,121	FALSE
-0,002	0,286	-0,002	0,015	0,060	FALSE
0,042	0,303	0,001	0,011	0,021	FALSE
0,055	0,285	0,001	0,010	0,020	FALSE
-0,050	0,290	0,000	0,009	0,008	FALSE
-0,047	0,292	-0,004	0,015	0,089	FALSE
-0,044	0,283	0,000	0,008	0,004	FALSE
0,077	0,303	0,006	0,014	0,157	FALSE
-0,059	0,290	-0,004	0,015	0,091	FALSE
0,111	0,277	0,004	0,014	0,113	FALSE
-0,019	0,286	0,000	0,015	0,009	FALSE
-0,014	0,283	-0,001	0,009	0,030	FALSE
-0,051	0,302	-0,001	0,010	0,038	FALSE
0,173	0,287	0,005	0,008	0,280	FALSE
0,181	0,287	0,005	0,009	0,234	FALSE
-0,179	0,290	-0,008	0,014	0,258	FALSE
0,184	0,276	0,004	0,008	0,191	FALSE
-0,066	0,293	-0,003	0,011	0,093	FALSE
0,113	0,295	0,003	0,009	0,116	FALSE
-0,057	0,280	0,000	0,009	0,009	FALSE
-0,140	0,283	-0,007	0,011	0,279	FALSE
0,093	0,292	0,003	0,008	0,145	FALSE
-0,005	0,288	0,001	0,014	0,023	FALSE
0,054	0,287	0,002	0,009	0,091	FALSE
0,039	0,287	0,001	0,015	0,030	FALSE
-0,037	0,276	0,000	0,015	0,012	FALSE
-0,040	0,291	0,000	0,008	0,015	FALSE
-0,013	0,279	-0,001	0,011	0,018	FALSE
0,087	0,286	0,002	0,008	0,074	FALSE
-0,078	0,301	-0,002	0,009	0,109	FALSE
-0,101	0,301	-0,002	0,008	0,104	FALSE
-0,060	0,288	-0,003	0,011	0,088	FALSE
-0,114	0,276	-0,003	0,009	0,139	FALSE
0,086	0,291	0,005	0,013	0,162	FALSE
0,019	0,280	-0,001	0,007	0,025	FALSE
0,087	0,280	0,003	0,010	0,124	FALSE

0,011	0,283	0,000	0,014	0,006	FALSE
0,084	0,290	0,004	0,015	0,096	FALSE
0,079	0,305	0,004	0,016	0,089	FALSE
-0,005	0,286	-0,001	0,010	0,027	FALSE
-0,049	0,286	-0,003	0,011	0,112	FALSE
-0,089	0,295	-0,002	0,009	0,059	FALSE
0,071	0,278	0,002	0,013	0,068	FALSE
0,100	0,272	0,003	0,010	0,103	FALSE
0,079	0,285	0,004	0,014	0,105	FALSE
-0,109	0,282	-0,003	0,007	0,147	FALSE
-0,073	0,282	-0,003	0,012	0,098	FALSE
-0,029	0,296	-0,001	0,015	0,024	FALSE
-0,002	0,298	0,002	0,013	0,053	FALSE
0,128	0,293	0,003	0,009	0,115	FALSE
-0,289	0,279	-0,008	0,009	0,421	FALSE
-0,302	0,271	-0,008	0,009	0,465	FALSE
-0,303	0,277	-0,008	0,008	0,481	FALSE
-0,111	0,284	-0,004	0,011	0,171	FALSE
-0,025	0,289	-0,002	0,010	0,090	FALSE
-0,147	0,298	-0,006	0,013	0,182	FALSE
-0,057	0,285	-0,003	0,010	0,101	FALSE
-0,006	0,271	-0,001	0,008	0,026	FALSE
0,172	0,270	0,004	0,011	0,142	FALSE
-0,038	0,293	0,001	0,010	0,047	FALSE
0,041	0,288	0,002	0,007	0,097	FALSE
0,166	0,279	0,005	0,009	0,227	FALSE
0,042	0,292	0,001	0,009	0,040	FALSE
-0,091	0,282	-0,002	0,008	0,109	FALSE
-0,033	0,282	0,000	0,013	0,011	FALSE
0,068	0,276	0,001	0,013	0,040	FALSE
0,045	0,273	0,001	0,012	0,022	FALSE
0,063	0,278	0,002	0,014	0,042	FALSE
0,107	0,267	0,002	0,008	0,087	FALSE
0,087	0,274	0,005	0,014	0,139	FALSE
0,028	0,289	0,001	0,007	0,044	FALSE
-0,111	0,279	-0,004	0,013	0,129	FALSE
0,160	0,291	0,007	0,015	0,204	FALSE
-0,100	0,276	-0,004	0,015	0,117	FALSE
0,007	0,270	0,000	0,011	0,003	FALSE
-0,073	0,279	-0,001	0,008	0,052	FALSE
0,011	0,294	0,000	0,014	0,008	FALSE
0,053	0,273	0,004	0,015	0,107	FALSE
-0,012	0,277	0,000	0,011	0,001	FALSE
-0,054	0,264	-0,004	0,014	0,110	FALSE
-0,060	0,280	-0,004	0,015	0,116	FALSE
-0,066	0,286	-0,005	0,015	0,131	FALSE
-0,060	0,287	-0,001	0,008	0,049	FALSE
-0,022	0,286	0,000	0,007	0,016	FALSE
-0,020	0,286	-0,001	0,015	0,032	FALSE
0,126	0,294	0,005	0,014	0,152	FALSE
0,079	0,292	0,002	0,008	0,113	FALSE
-0,069	0,301	-0,004	0,014	0,114	FALSE
-0,079	0,288	-0,003	0,012	0,094	FALSE

0,004	0,293	-0,001	0,009	0,028	FALSE
-0,180	0,265	-0,003	0,010	0,123	FALSE
0,121	0,290	0,005	0,010	0,206	FALSE
-0,008	0,276	0,000	0,010	0,005	FALSE
0,134	0,269	0,005	0,011	0,187	FALSE
-0,224	0,279	-0,005	0,008	0,295	FALSE
0,047	0,291	0,003	0,014	0,085	FALSE
0,133	0,279	0,007	0,014	0,228	FALSE
0,041	0,285	-0,001	0,014	0,035	FALSE
0,135	0,283	0,004	0,014	0,095	FALSE
0,086	0,285	0,003	0,008	0,124	FALSE
-0,117	0,287	-0,005	0,012	0,181	FALSE
0,008	0,287	0,001	0,008	0,067	FALSE
-0,018	0,291	-0,002	0,012	0,072	FALSE
-0,005	0,287	0,001	0,010	0,054	FALSE
-0,073	0,264	-0,002	0,010	0,085	FALSE
0,089	0,296	0,003	0,008	0,167	FALSE
0,057	0,293	0,003	0,007	0,144	FALSE
0,223	0,283	0,007	0,010	0,341	FALSE
0,204	0,271	0,007	0,010	0,308	FALSE
0,003	0,289	0,001	0,012	0,032	FALSE
-0,026	0,292	0,000	0,013	0,001	FALSE
-0,026	0,289	0,000	0,013	0,001	FALSE
0,030	0,290	0,001	0,015	0,030	FALSE
0,007	0,306	0,001	0,014	0,028	FALSE
-0,102	0,283	-0,002	0,011	0,063	FALSE
-0,080	0,273	-0,003	0,011	0,109	FALSE
-0,041	0,271	-0,002	0,012	0,055	FALSE
-0,030	0,288	-0,002	0,011	0,074	FALSE
0,076	0,281	0,001	0,014	0,025	FALSE
0,101	0,296	0,005	0,012	0,179	FALSE
-0,128	0,288	-0,005	0,015	0,137	FALSE
-0,164	0,287	-0,007	0,015	0,194	FALSE
-0,225	0,283	-0,006	0,009	0,314	FALSE
0,048	0,285	0,001	0,013	0,025	FALSE
-0,197	0,280	-0,006	0,008	0,306	FALSE
-0,175	0,289	-0,005	0,009	0,249	FALSE
-0,052	0,285	-0,005	0,014	0,132	FALSE
0,065	0,291	0,001	0,008	0,059	FALSE
-0,080	0,288	-0,004	0,014	0,105	FALSE
-0,236	0,277	-0,006	0,008	0,329	FALSE
0,126	0,280	0,004	0,009	0,181	FALSE
-0,031	0,285	0,000	0,008	0,001	FALSE
-0,102	0,277	-0,002	0,009	0,097	FALSE
-0,076	0,288	-0,004	0,013	0,121	FALSE
-0,014	0,283	-0,001	0,009	0,032	FALSE
0,074	0,298	0,002	0,008	0,068	FALSE
-0,021	0,293	-0,001	0,010	0,048	FALSE
-0,004	0,287	0,001	0,010	0,045	FALSE
-0,091	0,273	-0,001	0,011	0,049	FALSE
0,136	0,289	0,003	0,011	0,119	FALSE
0,108	0,294	0,003	0,010	0,124	FALSE
0,138	0,277	0,005	0,014	0,137	FALSE

-0,075	0,292	-0,003	0,012	0,084	FALSE
-0,065	0,299	-0,002	0,014	0,046	FALSE
-0,031	0,290	-0,002	0,009	0,099	FALSE
-0,116	0,277	-0,001	0,010	0,037	FALSE
-0,001	0,292	0,001	0,007	0,032	FALSE
-0,047	0,285	0,002	0,012	0,051	FALSE
-0,068	0,289	-0,001	0,013	0,027	FALSE
-0,025	0,279	0,000	0,010	0,003	FALSE
0,096	0,279	0,004	0,015	0,092	FALSE
0,019	0,294	0,002	0,011	0,061	FALSE
-0,112	0,280	-0,003	0,012	0,110	FALSE
0,218	0,273	0,009	0,012	0,372	FALSE
-0,132	0,311	-0,005	0,012	0,152	FALSE
0,052	0,278	0,002	0,007	0,128	FALSE
0,087	0,290	0,001	0,008	0,032	FALSE
-0,004	0,280	0,001	0,015	0,033	FALSE
-0,236	0,277	-0,011	0,013	0,400	FALSE
0,003	0,291	-0,001	0,010	0,044	FALSE
0,155	0,277	0,005	0,014	0,136	FALSE
0,174	0,294	0,006	0,013	0,182	FALSE
-0,113	0,291	-0,002	0,010	0,067	FALSE
0,061	0,291	0,002	0,010	0,074	FALSE
-0,085	0,275	-0,001	0,008	0,071	FALSE
-0,061	0,272	-0,001	0,007	0,032	FALSE
0,118	0,285	0,003	0,007	0,157	FALSE
0,109	0,268	0,003	0,014	0,078	FALSE
0,089	0,283	0,007	0,015	0,214	FALSE
0,056	0,283	0,006	0,015	0,177	FALSE
-0,001	0,292	-0,002	0,015	0,056	FALSE
-0,066	0,282	-0,001	0,008	0,054	FALSE
0,043	0,281	0,002	0,009	0,069	FALSE
-0,001	0,290	0,002	0,015	0,036	FALSE
0,018	0,285	0,000	0,008	0,017	FALSE
-0,061	0,277	-0,002	0,014	0,040	FALSE
-0,040	0,278	-0,002	0,012	0,045	FALSE
-0,019	0,296	-0,001	0,008	0,060	FALSE
-0,027	0,272	0,002	0,011	0,064	FALSE
-0,027	0,273	0,000	0,013	0,003	FALSE
-0,048	0,274	-0,001	0,014	0,032	FALSE
0,160	0,278	0,006	0,012	0,196	FALSE
0,027	0,282	0,000	0,011	0,006	FALSE
0,051	0,287	0,001	0,014	0,020	FALSE
0,043	0,290	0,001	0,011	0,027	FALSE
-0,023	0,288	-0,001	0,013	0,031	FALSE
0,025	0,286	0,000	0,012	0,012	FALSE
0,007	0,285	0,001	0,007	0,047	FALSE
0,003	0,282	0,004	0,014	0,106	FALSE
0,037	0,289	0,001	0,008	0,045	FALSE
-0,130	0,283	-0,008	0,015	0,223	FALSE
0,091	0,291	0,004	0,015	0,113	FALSE
-0,071	0,280	0,000	0,008	0,020	FALSE
-0,007	0,276	0,000	0,008	0,022	FALSE
0,024	0,278	0,000	0,008	0,018	FALSE

0,053	0,285	0,001	0,008	0,060	FALSE
-0,059	0,288	-0,003	0,015	0,081	FALSE
-0,086	0,297	-0,004	0,015	0,095	FALSE
-0,055	0,282	-0,002	0,014	0,045	FALSE
-0,050	0,278	-0,001	0,007	0,045	FALSE
-0,198	0,281	-0,005	0,008	0,269	FALSE
0,071	0,305	0,003	0,010	0,133	FALSE
0,144	0,287	0,004	0,012	0,144	FALSE
0,102	0,287	0,004	0,012	0,113	FALSE
0,030	0,293	0,001	0,012	0,025	FALSE
0,089	0,267	0,001	0,007	0,084	FALSE
-0,038	0,287	0,002	0,014	0,046	FALSE
0,064	0,274	0,001	0,011	0,028	FALSE
-0,098	0,297	-0,003	0,009	0,137	FALSE
0,108	0,273	0,006	0,012	0,197	FALSE
-0,112	0,276	-0,002	0,010	0,096	FALSE
0,002	0,272	-0,001	0,009	0,024	FALSE
-0,089	0,297	-0,002	0,008	0,104	FALSE
0,089	0,292	0,003	0,008	0,161	FALSE
-0,046	0,297	-0,001	0,014	0,017	FALSE
0,057	0,274	0,005	0,013	0,141	FALSE
0,021	0,273	0,003	0,014	0,085	FALSE
0,118	0,266	0,002	0,014	0,063	FALSE
-0,104	0,285	-0,003	0,015	0,087	FALSE
-0,173	0,265	-0,006	0,013	0,203	FALSE
-0,021	0,287	0,000	0,008	0,006	FALSE
0,092	0,290	0,003	0,008	0,159	FALSE
0,032	0,277	0,003	0,015	0,083	FALSE
-0,060	0,274	-0,002	0,013	0,053	FALSE
-0,060	0,297	-0,002	0,009	0,065	FALSE
0,041	0,282	0,000	0,013	0,005	FALSE
0,036	0,280	0,002	0,010	0,056	FALSE
0,038	0,290	0,002	0,010	0,059	FALSE
0,046	0,287	0,001	0,009	0,042	FALSE
-0,018	0,290	0,000	0,012	0,010	FALSE
-0,025	0,281	-0,002	0,008	0,091	FALSE
0,040	0,286	-0,002	0,014	0,047	FALSE
-0,037	0,291	-0,002	0,008	0,097	FALSE
0,022	0,285	0,001	0,007	0,047	FALSE
-0,066	0,277	-0,002	0,008	0,109	FALSE
0,024	0,284	0,003	0,013	0,075	FALSE
-0,006	0,279	0,000	0,009	0,020	FALSE
0,175	0,287	0,004	0,008	0,229	FALSE
-0,122	0,288	-0,001	0,007	0,073	FALSE
-0,082	0,278	-0,003	0,009	0,129	FALSE
-0,192	0,283	-0,008	0,014	0,235	FALSE
-0,046	0,283	-0,001	0,011	0,024	FALSE
0,114	0,271	0,004	0,013	0,123	FALSE
0,075	0,280	0,003	0,014	0,070	FALSE
0,022	0,270	0,000	0,014	0,010	FALSE
0,150	0,294	0,007	0,011	0,275	FALSE
0,019	0,283	0,004	0,014	0,105	FALSE
0,055	0,292	0,003	0,011	0,101	FALSE

0,094	0,281	0,004	0,012	0,117	FALSE
0,109	0,295	0,003	0,011	0,125	FALSE
-0,028	0,272	-0,001	0,014	0,021	FALSE
-0,094	0,277	-0,001	0,010	0,049	FALSE
0,010	0,287	0,001	0,010	0,035	FALSE
0,041	0,290	0,003	0,013	0,096	FALSE
0,078	0,294	0,005	0,015	0,122	FALSE
-0,042	0,293	-0,001	0,012	0,021	FALSE
0,142	0,286	0,004	0,008	0,210	FALSE
0,034	0,266	0,002	0,014	0,043	FALSE
0,033	0,283	0,001	0,008	0,027	FALSE
-0,042	0,295	-0,002	0,010	0,066	FALSE
-0,055	0,283	-0,001	0,009	0,053	FALSE
-0,120	0,285	-0,004	0,007	0,194	FALSE
-0,081	0,295	-0,006	0,015	0,146	FALSE
-0,019	0,283	-0,001	0,014	0,035	FALSE
0,035	0,285	0,000	0,009	0,014	FALSE
-0,092	0,289	-0,003	0,008	0,133	FALSE
-0,127	0,278	-0,005	0,012	0,161	FALSE
-0,016	0,295	0,001	0,011	0,030	FALSE
-0,088	0,285	-0,004	0,009	0,157	FALSE
0,035	0,291	0,001	0,012	0,024	FALSE
0,054	0,291	0,003	0,011	0,116	FALSE
0,007	0,307	0,000	0,015	0,011	FALSE
0,009	0,273	0,003	0,011	0,103	FALSE
0,006	0,290	0,001	0,008	0,042	FALSE
0,003	0,293	0,001	0,009	0,028	FALSE
0,109	0,274	0,004	0,010	0,149	FALSE
0,117	0,282	0,004	0,011	0,146	FALSE
0,064	0,292	0,002	0,010	0,090	FALSE
0,152	0,282	0,004	0,010	0,167	FALSE
-0,053	0,285	0,000	0,010	0,004	FALSE
0,197	0,274	0,009	0,014	0,283	FALSE
0,103	0,287	0,004	0,014	0,128	FALSE
0,012	0,274	0,000	0,009	0,000	FALSE
-0,261	0,285	-0,012	0,015	0,391	FALSE
-0,043	0,282	-0,003	0,011	0,120	FALSE
-0,147	0,274	-0,006	0,014	0,174	FALSE
0,192	0,287	0,006	0,013	0,198	FALSE
-0,110	0,272	-0,003	0,008	0,127	FALSE
-0,207	0,272	-0,006	0,011	0,225	FALSE
-0,191	0,282	-0,007	0,013	0,225	FALSE
-0,210	0,286	-0,008	0,012	0,319	FALSE
-0,204	0,276	-0,008	0,014	0,264	FALSE
-0,082	0,286	-0,002	0,012	0,056	FALSE
-0,066	0,270	-0,001	0,011	0,040	FALSE
0,110	0,294	0,005	0,014	0,130	FALSE
-0,217	0,279	-0,006	0,009	0,331	FALSE
0,150	0,282	0,003	0,007	0,161	FALSE
-0,081	0,282	-0,002	0,010	0,072	FALSE
-0,045	0,288	-0,001	0,007	0,025	FALSE
-0,053	0,289	-0,001	0,009	0,055	FALSE
-0,143	0,279	-0,002	0,008	0,114	FALSE

0,063	0,287	0,001	0,009	0,035	FALSE
0,060	0,278	0,002	0,012	0,045	FALSE
0,088	0,283	0,002	0,012	0,077	FALSE
-0,010	0,283	-0,001	0,008	0,065	FALSE
-0,065	0,288	-0,003	0,009	0,113	FALSE
-0,029	0,301	-0,003	0,015	0,078	FALSE
0,013	0,291	0,000	0,008	0,016	FALSE
0,133	0,304	0,004	0,009	0,156	FALSE
-0,146	0,276	-0,008	0,015	0,239	FALSE
-0,046	0,290	-0,001	0,009	0,044	FALSE
0,004	0,282	-0,002	0,012	0,049	FALSE
0,005	0,289	0,002	0,011	0,073	FALSE
-0,002	0,297	-0,001	0,008	0,064	FALSE
0,049	0,283	0,001	0,012	0,043	FALSE
0,040	0,292	0,000	0,014	0,009	FALSE
0,106	0,285	0,005	0,015	0,125	FALSE
0,024	0,287	0,002	0,009	0,086	FALSE
-0,003	0,289	0,001	0,009	0,041	FALSE
-0,007	0,281	-0,002	0,008	0,081	FALSE
0,001	0,292	0,001	0,009	0,033	FALSE
0,001	0,286	0,001	0,009	0,043	FALSE
-0,099	0,272	-0,003	0,012	0,085	FALSE
-0,023	0,279	-0,001	0,008	0,029	FALSE
0,109	0,294	0,004	0,013	0,138	FALSE
-0,147	0,282	-0,007	0,012	0,231	FALSE
0,105	0,282	0,003	0,009	0,158	FALSE
-0,042	0,290	-0,001	0,009	0,020	FALSE
0,249	0,275	0,011	0,013	0,376	FALSE
-0,076	0,300	-0,005	0,011	0,189	FALSE
0,043	0,292	0,002	0,009	0,097	FALSE
-0,110	0,284	-0,001	0,011	0,024	FALSE
-0,125	0,293	-0,003	0,014	0,068	FALSE
-0,036	0,298	-0,003	0,015	0,082	FALSE
-0,056	0,289	-0,001	0,012	0,025	FALSE
-0,023	0,298	0,001	0,012	0,021	FALSE
-0,015	0,298	0,001	0,011	0,020	FALSE
-0,028	0,279	-0,002	0,015	0,042	FALSE
0,001	0,302	0,001	0,012	0,040	FALSE
-0,051	0,273	-0,003	0,014	0,087	FALSE
-0,096	0,290	-0,003	0,007	0,195	FALSE
0,117	0,282	0,002	0,009	0,091	FALSE
-0,200	0,274	-0,007	0,009	0,351	FALSE
0,060	0,292	0,002	0,012	0,050	FALSE
0,087	0,285	0,000	0,011	0,015	FALSE
0,098	0,294	0,003	0,008	0,175	FALSE
0,116	0,296	0,004	0,008	0,222	FALSE
0,045	0,283	0,000	0,008	0,020	FALSE
-0,047	0,286	0,002	0,014	0,040	FALSE
0,013	0,282	0,000	0,009	0,003	FALSE
0,033	0,294	0,000	0,013	0,002	FALSE
-0,026	0,294	0,001	0,008	0,024	FALSE
-0,020	0,301	0,001	0,008	0,065	FALSE
-0,024	0,281	-0,003	0,013	0,083	FALSE

0,050	0,283	0,001	0,009	0,041	FALSE
-0,088	0,279	-0,003	0,008	0,169	FALSE
-0,009	0,277	-0,001	0,007	0,027	FALSE
-0,064	0,292	-0,003	0,015	0,075	FALSE
0,198	0,273	0,007	0,010	0,310	FALSE
0,073	0,286	0,002	0,010	0,091	FALSE
0,028	0,302	0,001	0,008	0,035	FALSE
-0,021	0,295	0,000	0,014	0,003	FALSE
-0,042	0,276	-0,001	0,014	0,030	FALSE
-0,005	0,283	-0,001	0,015	0,033	FALSE
0,019	0,288	0,001	0,011	0,045	FALSE
0,093	0,286	0,002	0,012	0,051	FALSE
0,018	0,300	0,000	0,013	0,013	FALSE
0,054	0,300	0,001	0,009	0,043	FALSE
0,073	0,289	0,002	0,011	0,078	FALSE
0,050	0,269	0,001	0,014	0,019	FALSE
0,150	0,281	0,002	0,009	0,087	FALSE
-0,103	0,280	-0,006	0,013	0,186	FALSE
-0,146	0,282	-0,008	0,013	0,263	FALSE
-0,182	0,282	-0,005	0,008	0,303	FALSE
0,043	0,295	0,000	0,008	0,002	FALSE
-0,055	0,282	-0,002	0,008	0,086	FALSE
0,187	0,299	0,005	0,009	0,237	FALSE
0,120	0,292	0,004	0,015	0,111	FALSE
0,137	0,291	0,003	0,008	0,181	FALSE
0,070	0,270	0,001	0,007	0,041	FALSE
-0,131	0,271	-0,002	0,009	0,082	FALSE
0,076	0,288	0,002	0,009	0,073	FALSE
0,047	0,284	0,001	0,007	0,047	FALSE
-0,036	0,296	-0,001	0,009	0,048	FALSE
-0,012	0,285	0,001	0,010	0,043	FALSE
-0,119	0,279	-0,003	0,014	0,094	FALSE
-0,080	0,279	-0,003	0,009	0,131	FALSE
-0,300	0,263	-0,011	0,011	0,491	FALSE
-0,236	0,260	-0,008	0,012	0,321	FALSE
0,133	0,291	0,003	0,010	0,123	FALSE
-0,040	0,281	0,000	0,012	0,011	FALSE
-0,007	0,271	-0,001	0,007	0,061	FALSE
0,101	0,299	0,002	0,009	0,102	FALSE
0,144	0,294	0,003	0,009	0,117	FALSE
-0,062	0,285	-0,005	0,015	0,131	FALSE
-0,024	0,279	-0,001	0,008	0,052	FALSE
-0,012	0,285	-0,001	0,012	0,045	FALSE
0,038	0,298	0,000	0,015	0,001	FALSE
-0,018	0,289	-0,001	0,009	0,051	FALSE
-0,142	0,283	-0,002	0,008	0,117	FALSE
-0,032	0,279	-0,002	0,012	0,054	FALSE
0,068	0,291	0,002	0,009	0,100	FALSE
0,010	0,281	0,000	0,011	0,011	FALSE
0,080	0,286	0,001	0,012	0,026	FALSE
0,135	0,281	0,005	0,012	0,170	FALSE
-0,139	0,284	-0,004	0,009	0,185	FALSE
-0,161	0,290	-0,005	0,009	0,224	FALSE

0,131	0,281	0,005	0,013	0,163	FALSE
0,145	0,290	0,006	0,014	0,172	FALSE
-0,079	0,280	-0,001	0,007	0,057	FALSE
-0,166	0,281	-0,007	0,010	0,310	FALSE
0,041	0,276	0,003	0,013	0,101	FALSE
0,099	0,293	0,002	0,010	0,097	FALSE
-0,024	0,288	-0,001	0,014	0,022	FALSE
-0,109	0,288	-0,003	0,009	0,126	FALSE
-0,022	0,280	0,000	0,013	0,003	FALSE
0,067	0,280	0,001	0,007	0,044	FALSE
0,061	0,279	0,001	0,009	0,034	FALSE
0,072	0,284	0,001	0,008	0,061	FALSE
0,010	0,284	0,000	0,007	0,015	FALSE
-0,109	0,280	-0,001	0,012	0,019	FALSE
0,101	0,289	0,004	0,015	0,115	FALSE
-0,044	0,293	-0,001	0,008	0,030	FALSE
-0,138	0,290	-0,004	0,009	0,148	FALSE
-0,174	0,286	-0,008	0,014	0,239	FALSE
0,052	0,294	0,003	0,015	0,074	FALSE
-0,072	0,269	-0,002	0,010	0,057	FALSE
0,061	0,282	0,001	0,013	0,036	FALSE
0,018	0,301	-0,001	0,015	0,021	FALSE
-0,087	0,273	-0,001	0,014	0,029	FALSE
-0,035	0,283	-0,002	0,009	0,075	FALSE
-0,018	0,285	0,002	0,015	0,040	FALSE
-0,023	0,274	-0,003	0,009	0,105	FALSE
-0,104	0,282	-0,003	0,009	0,132	FALSE
0,081	0,278	0,002	0,012	0,049	FALSE
0,052	0,266	0,000	0,011	0,006	FALSE
0,117	0,261	0,002	0,011	0,088	FALSE
-0,053	0,284	0,000	0,010	0,013	FALSE
-0,025	0,280	0,001	0,014	0,018	FALSE
-0,115	0,272	-0,003	0,013	0,076	FALSE
0,074	0,283	0,001	0,010	0,025	FALSE
-0,001	0,297	-0,002	0,010	0,088	FALSE
0,063	0,299	0,003	0,012	0,096	FALSE
-0,030	0,285	-0,001	0,008	0,024	FALSE
0,110	0,279	0,003	0,010	0,105	FALSE
-0,013	0,288	0,000	0,012	0,001	FALSE
-0,030	0,288	0,001	0,012	0,027	FALSE
0,057	0,267	0,000	0,011	0,009	FALSE
0,124	0,264	0,005	0,013	0,148	FALSE
0,183	0,285	0,004	0,007	0,263	FALSE
0,054	0,280	0,001	0,008	0,037	FALSE
0,017	0,280	0,000	0,009	0,019	FALSE
-0,120	0,281	-0,003	0,009	0,119	FALSE
0,064	0,268	0,003	0,013	0,104	FALSE
0,042	0,266	0,000	0,008	0,000	FALSE
-0,024	0,293	-0,004	0,013	0,124	FALSE
-0,030	0,283	-0,003	0,014	0,073	FALSE
0,029	0,293	0,000	0,009	0,014	FALSE
-0,022	0,287	0,000	0,009	0,003	FALSE
0,210	0,272	0,008	0,012	0,321	FALSE

0,030	0,280	0,002	0,015	0,059	FALSE
0,058	0,295	0,002	0,015	0,056	FALSE
0,001	0,282	-0,001	0,014	0,019	FALSE
-0,154	0,284	-0,003	0,009	0,131	FALSE
0,170	0,298	0,008	0,015	0,221	FALSE
0,069	0,312	0,004	0,015	0,098	FALSE
-0,051	0,277	0,000	0,008	0,010	FALSE
-0,139	0,283	-0,005	0,012	0,192	FALSE
-0,082	0,290	-0,004	0,013	0,116	FALSE
-0,138	0,292	-0,005	0,011	0,178	FALSE
0,093	0,294	0,005	0,015	0,126	FALSE
-0,040	0,280	-0,001	0,009	0,036	FALSE
-0,041	0,296	-0,002	0,009	0,072	FALSE
0,081	0,280	0,001	0,010	0,037	FALSE
-0,006	0,281	-0,001	0,010	0,021	FALSE
0,118	0,275	0,005	0,012	0,164	FALSE
-0,076	0,283	-0,002	0,008	0,114	FALSE
0,067	0,282	0,001	0,015	0,031	FALSE
-0,104	0,283	-0,003	0,011	0,115	FALSE
-0,019	0,285	0,000	0,008	0,021	FALSE
0,037	0,277	0,001	0,014	0,029	FALSE
0,124	0,278	0,003	0,012	0,079	FALSE
0,034	0,294	0,000	0,011	0,004	FALSE
-0,016	0,294	-0,002	0,011	0,063	FALSE
0,059	0,275	0,002	0,013	0,051	FALSE
0,138	0,280	0,002	0,008	0,106	FALSE
-0,038	0,293	-0,001	0,013	0,032	FALSE
-0,066	0,280	-0,002	0,013	0,069	FALSE
-0,071	0,288	0,000	0,014	0,008	FALSE
-0,080	0,298	-0,001	0,014	0,021	FALSE
-0,116	0,286	-0,003	0,010	0,129	FALSE
0,014	0,288	0,001	0,012	0,025	FALSE
0,102	0,284	0,001	0,008	0,067	FALSE
-0,039	0,300	-0,001	0,009	0,045	FALSE
-0,101	0,279	-0,004	0,013	0,136	FALSE
0,038	0,286	0,001	0,011	0,034	FALSE
-0,074	0,277	-0,002	0,007	0,097	FALSE
-0,149	0,278	-0,003	0,008	0,122	FALSE
0,001	0,294	-0,001	0,009	0,058	FALSE
-0,086	0,285	-0,003	0,014	0,078	FALSE
0,025	0,290	0,003	0,014	0,075	FALSE
-0,014	0,282	0,001	0,009	0,029	FALSE
-0,002	0,292	0,000	0,011	0,013	FALSE
-0,028	0,285	-0,001	0,009	0,036	FALSE
-0,045	0,292	0,000	0,008	0,002	FALSE
0,065	0,279	0,001	0,013	0,024	FALSE
-0,126	0,289	-0,005	0,011	0,197	FALSE
0,013	0,288	0,001	0,014	0,019	FALSE
0,007	0,296	0,000	0,009	0,013	FALSE
-0,068	0,282	-0,002	0,014	0,058	FALSE
0,084	0,290	0,004	0,011	0,152	FALSE
0,031	0,299	0,000	0,014	0,001	FALSE
-0,033	0,283	-0,002	0,008	0,076	FALSE

-0,220	0,277	-0,008	0,013	0,300	FALSE
-0,014	0,281	-0,002	0,012	0,048	FALSE
-0,181	0,291	-0,006	0,013	0,209	FALSE
0,070	0,300	0,003	0,011	0,092	FALSE
-0,038	0,299	-0,002	0,011	0,059	FALSE
0,040	0,282	0,002	0,011	0,057	FALSE
-0,003	0,288	0,000	0,008	0,002	FALSE
-0,144	0,277	-0,003	0,010	0,129	FALSE
-0,068	0,286	-0,001	0,010	0,045	FALSE
0,073	0,301	0,003	0,011	0,103	FALSE
0,121	0,288	0,004	0,011	0,144	FALSE
-0,127	0,282	-0,003	0,010	0,110	FALSE
-0,082	0,286	-0,002	0,007	0,116	FALSE
0,021	0,289	0,002	0,014	0,044	FALSE
-0,107	0,278	-0,004	0,011	0,130	FALSE
0,102	0,290	0,006	0,013	0,203	FALSE
-0,112	0,280	-0,002	0,008	0,100	FALSE
0,237	0,288	0,006	0,010	0,265	FALSE
0,012	0,293	0,001	0,015	0,026	FALSE
0,008	0,304	0,001	0,016	0,015	FALSE
0,140	0,286	0,004	0,009	0,189	FALSE
-0,112	0,291	-0,003	0,008	0,153	FALSE
-0,017	0,297	0,000	0,014	0,012	FALSE
0,022	0,285	0,002	0,013	0,045	FALSE
-0,092	0,279	-0,002	0,010	0,073	FALSE
0,110	0,292	0,006	0,015	0,174	FALSE
0,127	0,287	0,007	0,015	0,179	FALSE
0,108	0,286	0,005	0,014	0,149	FALSE
0,128	0,277	0,007	0,014	0,191	FALSE
-0,036	0,278	0,000	0,015	0,004	FALSE
-0,041	0,289	0,000	0,013	0,004	FALSE
-0,127	0,280	-0,005	0,015	0,123	FALSE
-0,060	0,289	-0,001	0,012	0,027	FALSE
-0,099	0,287	-0,001	0,008	0,041	FALSE
-0,043	0,280	0,000	0,010	0,003	FALSE
-0,084	0,287	-0,003	0,010	0,130	FALSE
-0,010	0,296	0,001	0,014	0,038	FALSE
-0,164	0,279	-0,004	0,010	0,149	FALSE
0,027	0,286	0,002	0,011	0,051	FALSE
0,018	0,278	0,000	0,009	0,007	FALSE
-0,019	0,300	0,000	0,013	0,004	FALSE
0,140	0,280	0,006	0,013	0,194	FALSE
0,141	0,286	0,005	0,010	0,217	FALSE
0,018	0,298	0,000	0,009	0,018	FALSE
-0,029	0,295	-0,002	0,012	0,047	FALSE
0,015	0,295	-0,001	0,010	0,036	FALSE
0,088	0,280	0,002	0,010	0,083	FALSE
0,091	0,270	0,005	0,015	0,135	FALSE
-0,088	0,302	-0,004	0,011	0,152	FALSE
-0,099	0,295	-0,004	0,012	0,146	FALSE
-0,113	0,292	-0,002	0,008	0,077	FALSE
-0,137	0,290	-0,004	0,008	0,236	FALSE
-0,086	0,296	-0,001	0,008	0,037	FALSE

-0,008	0,284	-0,001	0,010	0,040	FALSE
-0,030	0,295	-0,002	0,015	0,048	FALSE
0,069	0,282	0,002	0,011	0,083	FALSE
0,038	0,292	0,000	0,007	0,017	FALSE
0,084	0,278	0,001	0,008	0,031	FALSE
0,022	0,286	0,001	0,010	0,041	FALSE
-0,012	0,293	-0,002	0,015	0,040	FALSE
-0,075	0,286	-0,002	0,008	0,079	FALSE
0,138	0,298	0,006	0,015	0,166	FALSE
0,166	0,284	0,007	0,013	0,218	FALSE
-0,049	0,288	-0,001	0,008	0,055	FALSE
0,133	0,286	0,004	0,010	0,170	FALSE
-0,138	0,289	-0,002	0,008	0,111	FALSE
-0,041	0,277	-0,002	0,010	0,086	FALSE
-0,183	0,276	-0,005	0,007	0,332	FALSE
0,135	0,289	0,006	0,011	0,212	FALSE
0,102	0,283	0,003	0,010	0,103	FALSE
-0,063	0,290	-0,005	0,014	0,130	FALSE
0,144	0,291	0,004	0,010	0,172	FALSE
-0,054	0,291	-0,004	0,015	0,097	FALSE
0,232	0,270	0,006	0,009	0,320	FALSE
0,038	0,279	0,002	0,014	0,044	FALSE
0,022	0,281	0,002	0,014	0,044	FALSE
-0,197	0,272	-0,008	0,014	0,240	FALSE
-0,119	0,283	-0,005	0,013	0,151	FALSE
-0,019	0,273	-0,002	0,009	0,097	FALSE
-0,102	0,276	-0,004	0,014	0,100	FALSE
0,186	0,274	0,007	0,015	0,205	FALSE
-0,028	0,274	-0,001	0,011	0,047	FALSE
0,087	0,276	0,003	0,008	0,176	FALSE
0,009	0,273	0,001	0,012	0,015	FALSE
-0,085	0,281	-0,001	0,008	0,067	FALSE
-0,035	0,277	-0,001	0,012	0,022	FALSE
-0,082	0,269	-0,001	0,008	0,063	FALSE
-0,150	0,285	-0,007	0,015	0,187	FALSE
-0,018	0,297	-0,002	0,013	0,052	FALSE
-0,043	0,283	-0,002	0,013	0,069	FALSE
-0,139	0,283	-0,004	0,011	0,159	FALSE
-0,045	0,287	-0,003	0,012	0,094	FALSE
0,021	0,282	0,001	0,007	0,058	FALSE
-0,151	0,273	-0,003	0,008	0,179	FALSE
-0,148	0,285	-0,003	0,007	0,156	FALSE
-0,149	0,285	-0,003	0,007	0,160	FALSE
-0,153	0,278	-0,004	0,008	0,191	FALSE
-0,171	0,271	-0,004	0,009	0,189	FALSE
-0,039	0,279	0,000	0,013	0,009	FALSE
-0,088	0,276	-0,002	0,014	0,063	FALSE
0,072	0,286	0,001	0,008	0,045	FALSE
0,247	0,287	0,011	0,013	0,416	FALSE
0,055	0,287	0,003	0,012	0,103	FALSE
-0,128	0,275	-0,004	0,007	0,212	FALSE
0,077	0,290	0,002	0,011	0,080	FALSE
-0,225	0,288	-0,008	0,012	0,282	FALSE

0,031	0,295	0,002	0,015	0,058	FALSE
0,198	0,269	0,005	0,010	0,203	FALSE
0,149	0,284	0,005	0,014	0,130	FALSE
-0,075	0,288	-0,005	0,012	0,159	FALSE
0,176	0,282	0,003	0,008	0,152	FALSE
0,069	0,288	0,003	0,009	0,139	FALSE
0,024	0,281	0,001	0,010	0,024	FALSE
-0,112	0,280	-0,003	0,009	0,116	FALSE
-0,037	0,290	-0,001	0,007	0,065	FALSE
-0,031	0,304	-0,002	0,016	0,036	FALSE
-0,004	0,300	-0,003	0,013	0,076	FALSE
-0,116	0,281	-0,003	0,012	0,112	FALSE
0,010	0,286	0,000	0,011	0,005	FALSE
-0,117	0,283	-0,002	0,008	0,094	FALSE
0,084	0,285	0,003	0,009	0,152	FALSE
0,160	0,293	0,004	0,008	0,222	FALSE
-0,133	0,288	-0,005	0,010	0,183	FALSE
0,051	0,288	0,001	0,009	0,052	FALSE
0,158	0,283	0,007	0,009	0,326	FALSE
-0,024	0,281	-0,004	0,013	0,110	FALSE
-0,056	0,279	0,000	0,008	0,019	FALSE
-0,125	0,287	-0,002	0,009	0,108	FALSE
-0,169	0,287	-0,008	0,013	0,262	FALSE
-0,178	0,290	-0,007	0,014	0,225	FALSE
-0,136	0,284	-0,005	0,012	0,173	FALSE
-0,051	0,297	0,000	0,009	0,006	FALSE
-0,072	0,286	-0,001	0,011	0,045	FALSE
0,153	0,298	0,008	0,016	0,219	FALSE
0,066	0,295	0,003	0,013	0,087	FALSE
0,039	0,288	0,003	0,013	0,084	FALSE
-0,046	0,278	-0,004	0,011	0,132	FALSE
0,107	0,286	0,004	0,011	0,164	FALSE
0,080	0,289	0,005	0,013	0,166	FALSE
0,036	0,281	0,001	0,009	0,023	FALSE
0,038	0,294	0,002	0,009	0,063	FALSE
0,010	0,264	0,002	0,014	0,057	FALSE
-0,056	0,275	-0,001	0,011	0,017	FALSE
-0,058	0,288	-0,001	0,012	0,037	FALSE
0,116	0,278	0,002	0,008	0,115	FALSE
0,092	0,280	0,001	0,008	0,065	FALSE
-0,051	0,282	-0,002	0,008	0,079	FALSE
0,038	0,276	-0,002	0,010	0,059	FALSE
0,003	0,288	-0,001	0,011	0,037	FALSE
0,078	0,269	0,001	0,012	0,033	FALSE
0,088	0,273	0,001	0,008	0,069	FALSE
0,081	0,288	0,000	0,015	0,005	FALSE
0,045	0,289	-0,001	0,008	0,035	FALSE
0,149	0,267	0,007	0,013	0,231	FALSE
-0,117	0,280	-0,005	0,014	0,134	FALSE
-0,080	0,279	-0,002	0,011	0,078	FALSE
-0,041	0,282	-0,004	0,014	0,098	FALSE
0,169	0,270	0,008	0,013	0,256	FALSE
0,133	0,294	0,003	0,008	0,149	FALSE

0,031	0,267	-0,001	0,012	0,023	FALSE
0,027	0,271	0,000	0,011	0,009	FALSE
0,016	0,294	-0,001	0,012	0,032	FALSE
0,029	0,280	0,001	0,007	0,036	FALSE
0,071	0,280	0,002	0,007	0,101	FALSE
-0,075	0,280	-0,003	0,013	0,083	FALSE
-0,081	0,290	-0,001	0,008	0,043	FALSE
-0,134	0,277	-0,002	0,012	0,069	FALSE
0,049	0,281	0,001	0,007	0,030	FALSE
-0,109	0,285	-0,003	0,008	0,141	FALSE
-0,218	0,265	-0,010	0,014	0,297	FALSE
-0,108	0,281	-0,004	0,014	0,108	FALSE
0,145	0,282	0,005	0,014	0,156	FALSE
0,191	0,276	0,007	0,013	0,213	FALSE
0,100	0,277	0,003	0,013	0,093	FALSE
0,175	0,275	0,006	0,013	0,201	FALSE
0,064	0,296	0,002	0,008	0,114	FALSE
0,115	0,275	0,005	0,012	0,148	FALSE
-0,014	0,307	0,000	0,012	0,002	FALSE
0,200	0,282	0,005	0,008	0,276	FALSE
0,082	0,279	0,002	0,008	0,075	FALSE
-0,219	0,278	-0,008	0,011	0,307	FALSE
-0,073	0,284	-0,003	0,013	0,091	FALSE
0,099	0,283	0,003	0,013	0,090	FALSE
-0,122	0,297	-0,005	0,016	0,134	FALSE
0,111	0,267	0,006	0,012	0,189	FALSE
0,267	0,270	0,008	0,010	0,367	FALSE
0,109	0,282	0,006	0,011	0,215	FALSE
0,128	0,277	0,006	0,011	0,249	FALSE
0,025	0,284	0,003	0,010	0,134	FALSE
-0,092	0,275	-0,002	0,009	0,090	FALSE
0,037	0,287	0,001	0,008	0,068	FALSE
0,101	0,293	0,003	0,011	0,087	FALSE
0,021	0,285	0,002	0,012	0,074	FALSE
0,215	0,262	0,007	0,014	0,218	FALSE
0,056	0,285	0,002	0,013	0,054	FALSE
0,001	0,285	-0,001	0,009	0,033	FALSE
0,025	0,288	0,000	0,012	0,006	FALSE
0,048	0,276	0,001	0,012	0,021	FALSE
-0,013	0,280	0,000	0,013	0,005	FALSE
0,029	0,273	0,000	0,008	0,002	FALSE
0,013	0,283	0,001	0,013	0,018	FALSE
0,002	0,284	0,001	0,008	0,064	FALSE
0,194	0,268	0,007	0,011	0,307	FALSE
0,018	0,286	0,000	0,009	0,019	FALSE
-0,035	0,278	-0,002	0,013	0,048	FALSE
-0,065	0,300	-0,004	0,015	0,112	FALSE
0,049	0,278	0,003	0,011	0,121	FALSE
-0,029	0,265	-0,002	0,012	0,065	FALSE
-0,119	0,284	-0,002	0,011	0,088	FALSE
0,141	0,286	0,004	0,012	0,129	FALSE
0,109	0,291	0,005	0,015	0,126	FALSE
0,006	0,277	0,000	0,007	0,019	FALSE

-0,081	0,284	-0,001	0,007	0,046	FALSE
-0,095	0,283	-0,006	0,012	0,190	FALSE
-0,063	0,287	-0,004	0,013	0,126	FALSE
0,029	0,291	0,001	0,010	0,036	FALSE
-0,191	0,278	-0,007	0,012	0,278	FALSE
-0,025	0,290	-0,001	0,008	0,025	FALSE
-0,017	0,285	-0,002	0,008	0,068	FALSE
0,091	0,284	0,003	0,007	0,173	FALSE
0,098	0,277	0,004	0,014	0,112	FALSE
-0,190	0,273	-0,009	0,013	0,311	FALSE
-0,081	0,302	-0,002	0,010	0,077	FALSE
-0,075	0,290	-0,002	0,011	0,070	FALSE
-0,094	0,288	-0,002	0,011	0,064	FALSE
0,094	0,287	0,003	0,010	0,122	FALSE
-0,095	0,291	-0,005	0,015	0,124	FALSE
0,071	0,286	0,003	0,011	0,107	FALSE
-0,130	0,280	-0,003	0,007	0,172	FALSE
0,029	0,288	0,002	0,010	0,096	FALSE
0,077	0,296	0,002	0,012	0,046	FALSE
-0,013	0,273	0,002	0,012	0,065	FALSE
0,040	0,291	0,000	0,013	0,006	FALSE
0,040	0,289	0,001	0,013	0,016	FALSE
0,059	0,284	0,002	0,013	0,057	FALSE
0,063	0,299	0,003	0,014	0,068	FALSE
0,066	0,296	0,003	0,014	0,075	FALSE
0,028	0,292	0,001	0,013	0,018	FALSE
0,125	0,280	0,002	0,015	0,052	FALSE
0,005	0,275	-0,003	0,010	0,100	FALSE
-0,097	0,279	-0,002	0,015	0,044	FALSE
-0,144	0,288	-0,006	0,013	0,188	FALSE
-0,118	0,284	-0,005	0,013	0,145	FALSE
-0,119	0,287	-0,007	0,014	0,197	FALSE
-0,017	0,285	-0,001	0,012	0,023	FALSE
-0,042	0,290	-0,003	0,015	0,064	FALSE
0,225	0,271	0,007	0,013	0,216	FALSE
0,178	0,283	0,003	0,008	0,174	FALSE
0,049	0,271	-0,001	0,011	0,018	FALSE
0,064	0,282	0,003	0,013	0,096	FALSE
0,060	0,285	0,004	0,014	0,118	FALSE
-0,209	0,282	-0,008	0,013	0,261	FALSE
0,172	0,298	0,010	0,014	0,313	FALSE
0,001	0,271	0,000	0,009	0,018	FALSE
0,029	0,286	0,002	0,008	0,076	FALSE
0,091	0,280	0,006	0,014	0,161	FALSE
-0,022	0,285	-0,004	0,015	0,102	FALSE
0,029	0,280	0,001	0,011	0,022	FALSE
-0,018	0,279	0,002	0,011	0,068	FALSE
0,053	0,284	0,005	0,014	0,127	FALSE
0,097	0,290	0,006	0,013	0,171	FALSE
0,015	0,284	0,000	0,009	0,004	FALSE
-0,050	0,308	-0,003	0,010	0,099	FALSE
-0,085	0,287	-0,005	0,012	0,179	FALSE
0,014	0,288	-0,002	0,012	0,046	FALSE

-0,057	0,286	0,000	0,007	0,010	FALSE
0,064	0,294	0,001	0,013	0,040	FALSE
0,030	0,290	0,000	0,009	0,004	FALSE
0,061	0,292	0,000	0,008	0,017	FALSE
0,047	0,290	0,003	0,013	0,076	FALSE
-0,115	0,283	-0,002	0,011	0,066	FALSE
-0,052	0,288	-0,001	0,008	0,047	FALSE
-0,170	0,295	-0,006	0,011	0,229	FALSE
-0,047	0,294	-0,004	0,015	0,112	FALSE
0,005	0,289	-0,002	0,009	0,079	FALSE
0,087	0,295	0,003	0,009	0,131	FALSE
0,098	0,282	0,003	0,010	0,125	FALSE
0,070	0,282	0,002	0,008	0,085	FALSE
0,137	0,284	0,005	0,012	0,181	FALSE
0,148	0,283	0,007	0,014	0,217	FALSE
0,101	0,285	0,004	0,014	0,123	FALSE
0,035	0,290	0,001	0,009	0,030	FALSE
0,065	0,284	0,000	0,008	0,023	FALSE
0,117	0,277	0,004	0,013	0,119	FALSE
0,105	0,287	0,001	0,009	0,050	FALSE
0,049	0,269	-0,001	0,010	0,027	FALSE
-0,047	0,282	0,000	0,008	0,011	FALSE
0,077	0,277	0,001	0,009	0,035	FALSE
-0,090	0,290	-0,002	0,012	0,048	FALSE
0,003	0,276	0,001	0,009	0,040	FALSE
-0,075	0,281	0,001	0,008	0,026	FALSE
-0,060	0,279	0,000	0,013	0,004	FALSE
0,066	0,282	0,000	0,015	0,005	FALSE
0,017	0,296	-0,001	0,014	0,036	FALSE
-0,018	0,279	-0,003	0,014	0,092	FALSE
-0,059	0,285	-0,005	0,014	0,152	FALSE
0,224	0,279	0,010	0,015	0,299	FALSE
0,121	0,302	0,005	0,012	0,165	FALSE
0,116	0,300	0,004	0,011	0,156	FALSE
-0,015	0,283	0,000	0,007	0,021	FALSE
-0,076	0,287	-0,002	0,015	0,038	FALSE
-0,045	0,291	0,000	0,012	0,014	FALSE
-0,123	0,279	-0,004	0,010	0,173	FALSE
0,132	0,278	0,004	0,010	0,179	FALSE
0,045	0,286	0,000	0,009	0,010	FALSE
-0,083	0,290	-0,004	0,010	0,167	FALSE
0,033	0,280	0,002	0,014	0,060	FALSE
-0,152	0,286	-0,005	0,008	0,302	FALSE
0,090	0,287	0,003	0,010	0,109	FALSE
0,116	0,291	0,003	0,008	0,160	FALSE
0,119	0,306	0,004	0,009	0,172	FALSE
0,114	0,284	0,005	0,009	0,223	FALSE
0,037	0,292	0,001	0,015	0,016	FALSE
-0,031	0,287	0,001	0,014	0,024	FALSE
0,199	0,276	0,007	0,014	0,195	FALSE
-0,049	0,293	-0,003	0,014	0,095	FALSE
0,115	0,288	0,002	0,010	0,077	FALSE
0,121	0,293	0,002	0,010	0,085	FALSE

0,106	0,290	0,007	0,015	0,175	FALSE
-0,026	0,290	-0,001	0,013	0,014	FALSE
-0,082	0,287	-0,003	0,008	0,147	FALSE
-0,018	0,280	0,000	0,012	0,013	FALSE
0,053	0,298	0,001	0,015	0,018	FALSE
0,110	0,289	0,006	0,015	0,159	FALSE
0,000	0,291	-0,002	0,012	0,061	FALSE
-0,001	0,292	0,000	0,010	0,005	FALSE
0,135	0,297	0,004	0,010	0,191	FALSE
-0,099	0,279	-0,001	0,008	0,051	FALSE
0,139	0,281	0,003	0,007	0,161	FALSE
0,072	0,293	0,002	0,011	0,065	FALSE
0,101	0,282	0,005	0,012	0,177	FALSE
0,109	0,298	0,006	0,012	0,195	FALSE
-0,004	0,284	-0,001	0,008	0,026	FALSE
-0,034	0,285	0,000	0,009	0,017	FALSE
-0,024	0,290	-0,002	0,012	0,051	FALSE
0,063	0,280	0,002	0,012	0,064	FALSE
0,079	0,285	0,004	0,015	0,109	FALSE
0,036	0,292	0,002	0,012	0,071	FALSE
-0,017	0,291	0,002	0,013	0,065	FALSE
-0,146	0,273	-0,006	0,010	0,241	FALSE
-0,045	0,281	-0,003	0,014	0,091	FALSE
-0,056	0,302	0,000	0,008	0,023	FALSE
-0,259	0,272	-0,007	0,007	0,457	FALSE
0,100	0,283	0,004	0,011	0,137	FALSE
0,067	0,280	0,003	0,015	0,083	FALSE
-0,253	0,265	-0,008	0,011	0,328	FALSE
-0,057	0,290	0,000	0,014	0,006	FALSE
0,019	0,290	0,002	0,014	0,060	FALSE
-0,041	0,274	-0,003	0,009	0,117	FALSE
0,135	0,282	0,004	0,008	0,215	FALSE
-0,340	0,254	-0,011	0,011	0,541	FALSE
-0,047	0,279	-0,007	0,015	0,193	FALSE
0,051	0,303	0,000	0,014	0,006	FALSE
-0,072	0,283	0,000	0,013	0,006	FALSE
0,179	0,270	0,005	0,007	0,303	FALSE
0,086	0,276	0,006	0,013	0,184	FALSE
-0,010	0,288	-0,001	0,011	0,023	FALSE
0,068	0,306	0,001	0,012	0,039	FALSE
0,085	0,281	0,002	0,010	0,080	FALSE
0,169	0,292	0,007	0,015	0,189	FALSE
0,177	0,283	0,006	0,012	0,205	FALSE
0,032	0,295	0,001	0,010	0,037	FALSE
0,030	0,289	0,000	0,009	0,009	FALSE
-0,001	0,280	0,000	0,009	0,002	FALSE
-0,138	0,297	-0,006	0,013	0,181	FALSE
-0,043	0,289	0,000	0,009	0,011	FALSE
0,111	0,290	0,003	0,008	0,186	FALSE
0,044	0,283	0,004	0,015	0,117	FALSE
0,021	0,277	0,003	0,015	0,084	FALSE
-0,104	0,285	-0,003	0,009	0,131	FALSE
0,105	0,289	0,006	0,015	0,175	FALSE

0,016	0,288	0,002	0,014	0,052	FALSE
0,003	0,281	-0,002	0,008	0,086	FALSE
0,043	0,282	0,001	0,009	0,046	FALSE
-0,014	0,277	-0,003	0,008	0,159	FALSE
-0,005	0,292	-0,003	0,009	0,112	FALSE
-0,037	0,277	-0,002	0,012	0,077	FALSE
-0,058	0,293	-0,002	0,011	0,081	FALSE
-0,105	0,286	-0,005	0,014	0,147	FALSE
-0,093	0,292	-0,002	0,008	0,085	FALSE
-0,076	0,286	-0,002	0,013	0,057	FALSE
-0,062	0,287	-0,002	0,012	0,058	FALSE
-0,097	0,279	-0,004	0,013	0,111	FALSE
-0,079	0,267	-0,002	0,012	0,079	FALSE
0,026	0,275	0,001	0,013	0,031	FALSE
-0,157	0,286	-0,003	0,010	0,095	FALSE
0,055	0,285	0,002	0,013	0,067	FALSE
0,067	0,286	0,001	0,013	0,018	FALSE
0,047	0,286	0,003	0,009	0,120	FALSE
-0,193	0,269	-0,007	0,011	0,272	FALSE
0,050	0,289	0,000	0,008	0,007	FALSE
-0,160	0,282	-0,005	0,012	0,164	FALSE
0,169	0,293	0,004	0,010	0,143	FALSE
-0,062	0,300	-0,002	0,012	0,064	FALSE
0,098	0,287	0,001	0,009	0,050	FALSE
-0,129	0,285	-0,005	0,009	0,235	FALSE
-0,096	0,286	-0,004	0,009	0,164	FALSE
0,054	0,275	0,003	0,014	0,075	FALSE
0,074	0,287	0,001	0,008	0,049	FALSE
-0,035	0,290	0,001	0,008	0,047	FALSE
0,138	0,287	0,002	0,008	0,079	FALSE
0,001	0,294	0,003	0,011	0,089	FALSE
-0,159	0,286	-0,004	0,008	0,214	FALSE
0,019	0,296	-0,001	0,014	0,016	FALSE
0,163	0,276	0,004	0,010	0,175	FALSE
-0,088	0,304	-0,004	0,012	0,127	FALSE
-0,007	0,282	0,000	0,011	0,012	FALSE
-0,037	0,281	-0,001	0,011	0,044	FALSE
-0,045	0,292	-0,002	0,009	0,093	FALSE
0,055	0,289	0,001	0,008	0,070	FALSE
-0,076	0,285	-0,001	0,011	0,036	FALSE
0,008	0,285	-0,001	0,014	0,020	FALSE
-0,117	0,292	-0,005	0,013	0,135	FALSE
-0,106	0,288	-0,004	0,013	0,134	FALSE
-0,024	0,294	-0,001	0,010	0,053	FALSE
-0,132	0,265	-0,007	0,013	0,235	FALSE
-0,104	0,288	-0,003	0,014	0,079	FALSE
0,043	0,286	0,001	0,010	0,030	FALSE
-0,063	0,293	-0,001	0,015	0,021	FALSE
0,042	0,277	0,000	0,007	0,005	FALSE
-0,056	0,292	-0,003	0,009	0,124	FALSE
0,107	0,277	0,003	0,014	0,088	FALSE
0,028	0,290	0,001	0,014	0,020	FALSE
0,057	0,278	0,002	0,010	0,077	FALSE

-0,077	0,285	-0,001	0,009	0,063	FALSE
0,089	0,289	0,002	0,007	0,132	FALSE
-0,112	0,279	-0,005	0,015	0,136	FALSE
-0,133	0,276	-0,004	0,008	0,231	FALSE
-0,151	0,284	-0,003	0,011	0,112	FALSE
-0,042	0,282	-0,005	0,015	0,136	FALSE
-0,097	0,290	-0,002	0,010	0,078	FALSE
0,197	0,283	0,005	0,008	0,247	FALSE
-0,008	0,282	0,000	0,014	0,008	FALSE
0,185	0,294	0,004	0,008	0,210	FALSE
-0,106	0,289	-0,003	0,008	0,122	FALSE
0,101	0,283	0,004	0,010	0,166	FALSE
-0,140	0,266	-0,004	0,012	0,133	FALSE
0,131	0,279	0,005	0,014	0,142	FALSE
-0,099	0,283	-0,002	0,008	0,109	FALSE
0,053	0,279	0,002	0,014	0,042	FALSE
-0,028	0,290	-0,002	0,008	0,080	FALSE
-0,049	0,298	-0,004	0,016	0,089	FALSE
-0,018	0,282	-0,001	0,015	0,029	FALSE
-0,031	0,284	-0,002	0,014	0,059	FALSE
-0,070	0,298	-0,005	0,015	0,116	FALSE
0,034	0,282	0,003	0,008	0,116	FALSE
0,035	0,277	0,003	0,010	0,106	FALSE
-0,016	0,284	-0,002	0,014	0,059	FALSE
-0,148	0,288	-0,005	0,015	0,136	FALSE
0,062	0,271	0,001	0,013	0,014	FALSE
0,061	0,284	0,001	0,014	0,015	FALSE
0,126	0,281	0,008	0,014	0,252	FALSE
-0,053	0,293	-0,004	0,013	0,125	FALSE
-0,043	0,287	-0,004	0,013	0,109	FALSE
-0,265	0,270	-0,009	0,013	0,304	FALSE
-0,261	0,280	-0,009	0,014	0,289	FALSE
-0,258	0,265	-0,010	0,015	0,294	FALSE
0,037	0,297	0,001	0,008	0,032	FALSE
-0,021	0,295	-0,003	0,013	0,084	FALSE
0,057	0,297	0,001	0,015	0,028	FALSE
0,010	0,291	-0,003	0,014	0,080	FALSE
-0,097	0,268	-0,005	0,012	0,152	FALSE
0,041	0,276	0,003	0,014	0,086	FALSE
-0,026	0,275	-0,001	0,008	0,055	FALSE
0,064	0,269	0,004	0,012	0,125	FALSE
0,045	0,293	0,004	0,012	0,122	FALSE
0,063	0,292	0,005	0,013	0,143	FALSE
-0,121	0,278	-0,002	0,009	0,082	FALSE
-0,011	0,279	0,000	0,008	0,000	FALSE
0,030	0,287	0,001	0,009	0,039	FALSE
0,186	0,285	0,009	0,013	0,333	FALSE
-0,015	0,285	0,000	0,008	0,008	FALSE
-0,054	0,281	-0,001	0,012	0,026	FALSE
0,136	0,279	0,003	0,008	0,161	FALSE
0,105	0,288	0,003	0,012	0,104	FALSE
-0,147	0,296	-0,003	0,008	0,135	FALSE
-0,180	0,271	-0,008	0,012	0,264	FALSE

-0,102	0,286	-0,004	0,009	0,188	FALSE
0,051	0,280	0,003	0,009	0,122	FALSE
-0,079	0,275	-0,005	0,012	0,167	FALSE
0,152	0,284	0,006	0,010	0,261	FALSE
-0,207	0,282	-0,009	0,014	0,284	FALSE
-0,169	0,289	-0,007	0,013	0,219	FALSE
0,037	0,281	0,001	0,008	0,067	FALSE
0,030	0,299	-0,001	0,009	0,044	FALSE
-0,098	0,283	-0,002	0,013	0,055	FALSE
-0,033	0,282	0,001	0,013	0,031	FALSE
-0,164	0,284	-0,006	0,013	0,187	FALSE
-0,075	0,266	-0,003	0,011	0,093	FALSE
-0,134	0,279	-0,003	0,009	0,148	FALSE
-0,136	0,287	-0,003	0,010	0,099	FALSE
0,084	0,288	0,002	0,012	0,050	FALSE
0,002	0,292	-0,002	0,010	0,073	FALSE
0,006	0,282	0,000	0,012	0,008	FALSE
0,051	0,286	0,001	0,008	0,031	FALSE
0,026	0,290	0,001	0,009	0,054	FALSE
0,130	0,291	0,005	0,013	0,155	FALSE
-0,014	0,284	0,001	0,007	0,027	FALSE
-0,002	0,294	0,001	0,012	0,035	FALSE
-0,070	0,290	-0,002	0,015	0,050	FALSE
0,001	0,290	0,001	0,008	0,056	FALSE
0,032	0,281	0,001	0,007	0,064	FALSE
0,157	0,291	0,008	0,013	0,299	FALSE
0,143	0,281	0,007	0,012	0,254	FALSE
0,131	0,276	0,008	0,013	0,268	FALSE
0,134	0,296	0,007	0,013	0,245	FALSE
-0,157	0,298	-0,008	0,016	0,222	FALSE
0,009	0,293	0,000	0,010	0,011	FALSE
0,091	0,282	0,002	0,009	0,091	FALSE
-0,095	0,277	-0,002	0,009	0,074	FALSE
0,102	0,291	0,001	0,008	0,064	FALSE
-0,025	0,291	-0,001	0,013	0,015	FALSE
-0,070	0,289	-0,002	0,014	0,063	FALSE
-0,120	0,284	-0,003	0,010	0,128	FALSE
0,159	0,284	0,007	0,013	0,252	FALSE
-0,046	0,286	-0,003	0,012	0,088	FALSE
-0,006	0,281	0,000	0,009	0,005	FALSE
0,002	0,281	-0,002	0,009	0,100	FALSE
0,011	0,274	-0,002	0,010	0,091	FALSE
-0,212	0,275	-0,006	0,011	0,219	FALSE
-0,169	0,275	-0,005	0,015	0,147	FALSE
0,111	0,289	0,006	0,015	0,175	FALSE
0,104	0,285	0,005	0,014	0,130	FALSE
-0,089	0,298	-0,004	0,015	0,104	FALSE
0,069	0,281	0,001	0,007	0,057	FALSE
-0,157	0,291	-0,008	0,015	0,235	FALSE
-0,122	0,287	-0,002	0,009	0,105	FALSE
-0,012	0,279	-0,002	0,011	0,077	FALSE
0,003	0,287	-0,001	0,015	0,025	FALSE
0,028	0,278	0,001	0,007	0,040	FALSE

0,085	0,293	0,002	0,010	0,065	FALSE
-0,046	0,277	-0,004	0,014	0,120	FALSE
0,051	0,284	0,001	0,008	0,025	FALSE
-0,064	0,280	-0,001	0,010	0,032	FALSE
-0,073	0,277	-0,001	0,012	0,045	FALSE
-0,060	0,291	-0,002	0,012	0,050	FALSE
-0,030	0,279	0,001	0,015	0,015	FALSE
-0,082	0,288	-0,002	0,015	0,040	FALSE
0,144	0,285	0,005	0,008	0,260	FALSE
0,105	0,308	0,005	0,012	0,166	FALSE
-0,080	0,285	-0,002	0,009	0,085	FALSE
0,082	0,301	0,003	0,007	0,207	FALSE
-0,059	0,290	-0,002	0,008	0,078	FALSE
-0,050	0,296	-0,001	0,013	0,025	FALSE
0,234	0,273	0,007	0,010	0,334	FALSE
-0,057	0,289	-0,002	0,008	0,079	FALSE
-0,039	0,284	-0,001	0,007	0,062	FALSE
0,130	0,285	0,005	0,012	0,177	FALSE
0,033	0,295	-0,001	0,013	0,015	FALSE
0,073	0,292	0,002	0,008	0,112	FALSE
-0,088	0,280	-0,002	0,009	0,096	FALSE
0,162	0,271	0,004	0,008	0,232	FALSE
-0,123	0,295	-0,004	0,009	0,191	FALSE
0,097	0,275	0,003	0,014	0,080	FALSE
-0,108	0,282	-0,003	0,009	0,123	FALSE
-0,002	0,285	-0,001	0,014	0,015	FALSE
0,070	0,284	0,002	0,009	0,096	FALSE
0,193	0,293	0,005	0,012	0,157	FALSE
-0,040	0,282	-0,001	0,009	0,024	FALSE
-0,032	0,280	0,000	0,008	0,020	FALSE
0,027	0,284	0,001	0,009	0,043	FALSE
0,017	0,299	0,000	0,014	0,001	FALSE
-0,163	0,287	-0,006	0,011	0,237	FALSE
0,011	0,288	0,002	0,012	0,050	FALSE
-0,149	0,291	-0,006	0,014	0,156	FALSE
0,009	0,273	0,002	0,010	0,088	FALSE
-0,186	0,277	-0,005	0,012	0,172	FALSE
0,132	0,281	0,005	0,012	0,168	FALSE
-0,020	0,292	0,001	0,010	0,023	FALSE
0,056	0,293	0,002	0,010	0,061	FALSE
0,041	0,295	0,001	0,013	0,032	FALSE
0,001	0,287	0,000	0,009	0,017	FALSE
-0,210	0,284	-0,006	0,009	0,273	FALSE
0,023	0,281	0,001	0,008	0,066	FALSE
-0,084	0,273	-0,003	0,008	0,147	FALSE
-0,101	0,278	-0,003	0,009	0,152	FALSE
-0,068	0,274	-0,004	0,013	0,109	FALSE
-0,085	0,281	-0,002	0,010	0,097	FALSE
0,052	0,279	0,003	0,014	0,072	FALSE
0,105	0,285	0,005	0,009	0,211	FALSE
0,029	0,276	0,000	0,010	0,013	FALSE
0,109	0,267	0,003	0,008	0,151	FALSE
-0,037	0,293	-0,002	0,008	0,067	FALSE

0,134	0,271	0,003	0,008	0,169	FALSE
-0,116	0,287	-0,003	0,009	0,139	FALSE
-0,137	0,288	-0,006	0,014	0,174	FALSE
-0,036	0,280	-0,001	0,009	0,025	FALSE
-0,042	0,281	-0,001	0,007	0,068	FALSE
-0,030	0,281	-0,001	0,008	0,041	FALSE
-0,007	0,297	0,000	0,011	0,014	FALSE
-0,099	0,289	-0,003	0,011	0,096	FALSE
0,166	0,290	0,006	0,013	0,211	FALSE
0,099	0,273	0,003	0,009	0,123	FALSE
-0,058	0,291	-0,002	0,009	0,108	FALSE
0,122	0,301	0,005	0,012	0,164	FALSE
-0,067	0,289	-0,002	0,010	0,085	FALSE
-0,006	0,282	0,000	0,011	0,015	FALSE
0,061	0,283	0,000	0,013	0,008	FALSE
-0,073	0,303	-0,004	0,014	0,101	FALSE
-0,071	0,285	-0,002	0,011	0,077	FALSE
-0,018	0,287	-0,001	0,008	0,042	FALSE
-0,033	0,299	-0,001	0,009	0,052	FALSE
-0,050	0,285	0,001	0,008	0,027	FALSE
0,052	0,293	0,003	0,013	0,093	FALSE
-0,033	0,292	0,000	0,014	0,000	FALSE
-0,038	0,295	0,000	0,015	0,004	FALSE
-0,062	0,302	-0,001	0,015	0,031	FALSE
-0,084	0,283	-0,003	0,011	0,116	FALSE
0,044	0,288	0,004	0,014	0,117	FALSE
0,084	0,284	0,003	0,013	0,095	FALSE
-0,054	0,296	-0,002	0,016	0,051	FALSE
0,061	0,277	0,001	0,007	0,033	FALSE
0,015	0,275	0,001	0,009	0,035	FALSE
0,095	0,289	0,004	0,015	0,106	FALSE
0,056	0,296	0,001	0,011	0,023	FALSE
0,142	0,282	0,003	0,008	0,181	FALSE
-0,009	0,276	-0,001	0,007	0,068	FALSE
0,004	0,288	0,001	0,014	0,031	FALSE
-0,059	0,279	-0,001	0,012	0,033	FALSE
0,116	0,295	0,006	0,015	0,146	FALSE
0,025	0,282	0,000	0,013	0,004	FALSE
0,071	0,302	0,003	0,012	0,092	FALSE
0,060	0,275	0,003	0,011	0,091	FALSE
-0,101	0,291	-0,001	0,011	0,038	FALSE
-0,086	0,289	-0,005	0,012	0,189	FALSE
-0,167	0,287	-0,009	0,015	0,252	FALSE
0,098	0,290	0,002	0,007	0,133	FALSE
0,017	0,296	0,000	0,008	0,018	FALSE
0,182	0,289	0,004	0,009	0,187	FALSE
0,009	0,282	0,001	0,015	0,024	FALSE
-0,136	0,280	-0,003	0,008	0,170	FALSE
0,020	0,288	0,002	0,008	0,095	FALSE
-0,039	0,290	-0,004	0,015	0,099	FALSE
-0,017	0,289	-0,002	0,012	0,057	FALSE
-0,091	0,281	-0,002	0,008	0,087	FALSE
-0,082	0,284	-0,003	0,009	0,145	FALSE

-0,095	0,279	-0,004	0,010	0,168	FALSE
-0,003	0,289	-0,001	0,011	0,048	FALSE
0,043	0,280	0,000	0,011	0,006	FALSE
0,028	0,284	0,000	0,015	0,007	FALSE
0,009	0,291	0,000	0,012	0,013	FALSE
-0,046	0,292	-0,002	0,012	0,065	FALSE
-0,101	0,279	-0,006	0,014	0,169	FALSE
-0,137	0,279	-0,009	0,014	0,276	FALSE
-0,080	0,287	-0,006	0,014	0,159	FALSE
0,083	0,283	0,001	0,008	0,057	FALSE
-0,048	0,292	-0,001	0,009	0,034	FALSE
0,045	0,292	0,000	0,008	0,004	FALSE
0,071	0,278	0,001	0,007	0,033	FALSE
-0,045	0,277	0,001	0,012	0,018	FALSE
0,036	0,274	-0,001	0,010	0,021	FALSE
-0,018	0,282	-0,004	0,015	0,096	FALSE
-0,026	0,291	-0,004	0,015	0,115	FALSE
-0,001	0,284	-0,001	0,010	0,032	FALSE
0,073	0,281	0,001	0,009	0,047	FALSE
0,040	0,292	0,000	0,010	0,011	FALSE
-0,040	0,286	0,002	0,015	0,054	FALSE
0,090	0,293	0,002	0,010	0,058	FALSE
-0,032	0,287	-0,005	0,014	0,137	FALSE
-0,150	0,278	-0,007	0,015	0,184	FALSE
-0,168	0,270	-0,007	0,015	0,207	FALSE
-0,098	0,281	-0,001	0,007	0,067	FALSE
0,057	0,277	0,001	0,011	0,045	FALSE
-0,047	0,280	-0,001	0,009	0,059	FALSE
-0,065	0,288	-0,001	0,012	0,036	FALSE
0,003	0,279	0,000	0,009	0,016	FALSE
0,151	0,281	0,005	0,013	0,166	FALSE
-0,143	0,284	-0,005	0,012	0,159	FALSE
0,133	0,276	0,005	0,015	0,127	FALSE
0,050	0,280	0,002	0,013	0,072	FALSE
0,033	0,285	0,001	0,010	0,030	FALSE
0,010	0,274	0,002	0,011	0,077	FALSE
0,059	0,285	0,003	0,014	0,071	FALSE
0,099	0,292	0,004	0,008	0,202	FALSE
0,136	0,274	0,005	0,014	0,134	FALSE
0,001	0,288	-0,001	0,010	0,022	FALSE
-0,050	0,292	-0,004	0,013	0,103	FALSE
0,066	0,283	0,001	0,007	0,071	FALSE
0,037	0,280	0,000	0,007	0,006	FALSE
-0,133	0,272	-0,007	0,013	0,241	FALSE
0,091	0,284	0,005	0,012	0,192	FALSE
-0,002	0,282	0,000	0,008	0,006	FALSE
-0,020	0,292	-0,002	0,012	0,068	FALSE
-0,067	0,279	-0,002	0,010	0,082	FALSE
-0,067	0,295	-0,001	0,007	0,055	FALSE
0,039	0,284	0,001	0,011	0,041	FALSE
-0,084	0,287	-0,005	0,013	0,143	FALSE
0,153	0,286	0,004	0,008	0,212	FALSE
0,208	0,283	0,008	0,014	0,235	FALSE

0,095	0,287	0,004	0,013	0,123	FALSE
0,102	0,297	0,003	0,008	0,162	FALSE
0,002	0,279	0,004	0,014	0,116	FALSE
-0,022	0,276	-0,001	0,008	0,058	FALSE
0,125	0,288	0,006	0,014	0,188	FALSE
-0,050	0,271	-0,003	0,013	0,092	FALSE
0,116	0,279	0,009	0,015	0,277	FALSE
0,050	0,286	0,001	0,009	0,027	FALSE
0,051	0,275	0,003	0,008	0,164	FALSE
0,194	0,279	0,008	0,010	0,344	FALSE
0,029	0,285	0,002	0,007	0,122	FALSE
-0,138	0,289	-0,004	0,014	0,099	FALSE
-0,041	0,281	-0,001	0,014	0,030	FALSE
0,021	0,286	0,000	0,008	0,013	FALSE
0,012	0,283	0,001	0,008	0,062	FALSE
0,087	0,279	0,002	0,007	0,112	FALSE
0,117	0,290	0,003	0,013	0,100	FALSE
-0,166	0,292	-0,005	0,011	0,167	FALSE
0,302	0,268	0,010	0,011	0,403	FALSE
-0,142	0,294	-0,002	0,008	0,098	FALSE
0,053	0,280	0,002	0,008	0,107	FALSE
0,024	0,295	0,001	0,009	0,061	FALSE
-0,029	0,286	-0,002	0,011	0,065	FALSE
-0,099	0,281	-0,003	0,009	0,156	FALSE
-0,040	0,283	-0,003	0,009	0,118	FALSE
0,026	0,284	0,001	0,007	0,065	FALSE
-0,015	0,288	0,001	0,011	0,034	FALSE
-0,008	0,288	0,000	0,014	0,011	FALSE
0,012	0,296	-0,001	0,015	0,018	FALSE
0,055	0,268	0,001	0,011	0,036	FALSE
-0,025	0,289	-0,001	0,008	0,044	FALSE
0,011	0,298	0,000	0,010	0,010	FALSE
0,003	0,284	0,001	0,014	0,029	FALSE
0,042	0,292	0,001	0,007	0,025	FALSE
0,183	0,273	0,003	0,008	0,131	FALSE
0,024	0,281	0,000	0,012	0,009	FALSE
-0,084	0,274	-0,005	0,012	0,159	FALSE
0,039	0,288	0,001	0,008	0,053	FALSE
-0,039	0,292	-0,002	0,015	0,060	FALSE
0,027	0,295	-0,001	0,013	0,018	FALSE
-0,199	0,271	-0,008	0,011	0,299	FALSE
0,041	0,297	0,001	0,011	0,027	FALSE
-0,093	0,286	-0,004	0,014	0,118	FALSE
0,067	0,286	0,002	0,009	0,070	FALSE
-0,086	0,279	-0,001	0,010	0,054	FALSE
-0,142	0,289	-0,004	0,009	0,173	FALSE
-0,124	0,279	-0,004	0,012	0,123	FALSE
-0,084	0,293	-0,002	0,008	0,076	FALSE
-0,007	0,270	-0,001	0,007	0,071	FALSE
-0,012	0,287	-0,001	0,013	0,028	FALSE
0,171	0,282	0,004	0,007	0,269	FALSE
0,019	0,280	0,001	0,010	0,022	FALSE
-0,055	0,286	-0,002	0,008	0,085	FALSE

0,183	0,277	0,006	0,012	0,203	FALSE
-0,008	0,302	0,000	0,016	0,007	FALSE
-0,064	0,292	-0,002	0,011	0,080	FALSE
0,037	0,296	0,001	0,011	0,036	FALSE
0,108	0,278	0,002	0,007	0,131	FALSE
-0,016	0,292	0,000	0,014	0,007	FALSE
-0,082	0,285	-0,003	0,010	0,135	FALSE
-0,029	0,286	-0,001	0,009	0,035	FALSE
0,018	0,291	0,001	0,009	0,061	FALSE
0,007	0,294	0,001	0,009	0,051	FALSE
0,129	0,287	0,003	0,012	0,095	FALSE
0,033	0,295	0,001	0,007	0,044	FALSE
0,143	0,287	0,003	0,009	0,145	FALSE
0,018	0,293	0,000	0,012	0,004	FALSE
0,065	0,280	0,004	0,014	0,110	FALSE
-0,006	0,289	-0,001	0,008	0,043	FALSE
0,001	0,279	-0,003	0,014	0,084	FALSE
-0,054	0,285	-0,002	0,014	0,062	FALSE
-0,029	0,290	-0,001	0,013	0,034	FALSE
-0,039	0,288	-0,001	0,012	0,044	FALSE
-0,099	0,287	-0,001	0,010	0,028	FALSE
0,112	0,293	0,005	0,013	0,157	FALSE
0,074	0,291	0,003	0,012	0,110	FALSE
0,074	0,278	0,002	0,009	0,087	FALSE
0,059	0,282	0,002	0,010	0,071	FALSE
0,032	0,286	-0,002	0,013	0,054	FALSE
0,028	0,290	0,002	0,007	0,100	FALSE
-0,059	0,277	-0,003	0,012	0,098	FALSE
-0,207	0,271	-0,011	0,012	0,404	FALSE
0,026	0,287	0,000	0,009	0,011	FALSE
0,038	0,283	0,003	0,009	0,115	FALSE
0,049	0,285	0,001	0,009	0,033	FALSE
0,165	0,282	0,006	0,009	0,294	FALSE
-0,019	0,278	-0,002	0,009	0,070	FALSE
0,064	0,283	0,001	0,015	0,030	FALSE
-0,001	0,289	-0,001	0,012	0,041	FALSE
0,090	0,269	0,002	0,012	0,068	FALSE
0,020	0,283	0,001	0,010	0,052	FALSE
-0,103	0,285	-0,001	0,012	0,041	FALSE
-0,058	0,278	0,000	0,009	0,011	FALSE
-0,049	0,293	-0,002	0,015	0,055	FALSE
0,158	0,286	0,005	0,011	0,181	FALSE
-0,062	0,286	-0,004	0,015	0,101	FALSE
0,000	0,291	-0,002	0,014	0,062	FALSE
-0,038	0,283	-0,003	0,015	0,087	FALSE
-0,042	0,281	-0,004	0,014	0,096	FALSE
-0,085	0,282	-0,001	0,014	0,027	FALSE
-0,130	0,285	-0,003	0,010	0,097	FALSE
0,034	0,295	0,000	0,008	0,012	FALSE
0,103	0,287	0,003	0,009	0,121	FALSE
-0,087	0,289	-0,002	0,010	0,083	FALSE
0,030	0,291	0,001	0,013	0,021	FALSE
-0,085	0,284	-0,001	0,007	0,054	FALSE

0,080	0,292	0,001	0,008	0,043	FALSE
-0,058	0,290	-0,001	0,009	0,026	FALSE
0,050	0,273	0,002	0,009	0,061	FALSE
-0,054	0,280	0,001	0,015	0,016	FALSE
0,104	0,286	0,005	0,015	0,138	FALSE
0,114	0,290	0,004	0,008	0,231	FALSE
-0,021	0,274	0,000	0,008	0,005	FALSE
-0,002	0,294	0,001	0,010	0,041	FALSE
0,119	0,281	0,004	0,012	0,133	FALSE
-0,004	0,292	0,000	0,008	0,005	FALSE
0,029	0,293	0,000	0,012	0,003	FALSE
-0,152	0,278	-0,004	0,011	0,138	FALSE
-0,005	0,277	-0,001	0,011	0,036	FALSE
-0,130	0,286	-0,004	0,013	0,104	FALSE
-0,086	0,289	-0,003	0,011	0,100	FALSE
0,165	0,272	0,008	0,013	0,254	FALSE
0,102	0,286	0,006	0,013	0,198	FALSE
-0,125	0,293	-0,005	0,012	0,168	FALSE
0,025	0,293	0,002	0,013	0,041	FALSE
-0,182	0,295	-0,005	0,009	0,244	FALSE
0,104	0,273	0,004	0,015	0,108	FALSE
0,110	0,288	0,005	0,014	0,132	FALSE
0,060	0,277	0,000	0,008	0,012	FALSE
0,128	0,295	0,003	0,008	0,130	FALSE
0,164	0,287	0,010	0,014	0,325	FALSE
0,086	0,285	0,006	0,014	0,166	FALSE
0,122	0,287	0,004	0,012	0,113	FALSE
0,056	0,287	0,003	0,009	0,139	FALSE
-0,037	0,293	0,001	0,015	0,034	FALSE
0,119	0,291	0,006	0,011	0,221	FALSE
-0,053	0,282	-0,001	0,007	0,040	FALSE
0,067	0,303	0,005	0,013	0,136	FALSE
0,109	0,293	0,002	0,008	0,074	FALSE
-0,135	0,280	-0,005	0,013	0,149	FALSE
-0,121	0,277	-0,004	0,013	0,133	FALSE
-0,091	0,272	-0,007	0,013	0,223	FALSE
0,144	0,284	0,005	0,009	0,214	FALSE
0,088	0,295	0,005	0,013	0,137	FALSE
-0,099	0,294	-0,007	0,015	0,185	FALSE
-0,005	0,272	-0,001	0,007	0,033	FALSE
0,107	0,288	0,005	0,012	0,177	FALSE
0,088	0,289	0,001	0,008	0,049	FALSE
0,003	0,282	0,001	0,008	0,036	FALSE
0,115	0,284	0,003	0,007	0,153	FALSE
0,089	0,306	0,005	0,010	0,182	FALSE
-0,066	0,287	-0,003	0,013	0,081	FALSE
-0,037	0,304	-0,002	0,015	0,039	FALSE
-0,019	0,296	-0,005	0,014	0,141	FALSE
-0,036	0,304	-0,001	0,008	0,024	FALSE
-0,053	0,274	-0,005	0,012	0,155	FALSE
-0,087	0,288	-0,003	0,010	0,121	FALSE
-0,040	0,295	-0,001	0,009	0,043	FALSE
-0,063	0,288	0,000	0,009	0,009	FALSE

0,040	0,286	0,004	0,009	0,163	FALSE
0,105	0,269	0,005	0,015	0,143	FALSE
-0,066	0,290	-0,003	0,008	0,140	FALSE
0,032	0,279	0,000	0,014	0,001	FALSE
0,086	0,292	0,005	0,014	0,152	FALSE
-0,028	0,287	-0,001	0,014	0,025	FALSE
0,044	0,282	0,000	0,013	0,005	FALSE
0,213	0,285	0,005	0,009	0,247	FALSE
0,063	0,300	0,002	0,008	0,092	FALSE
-0,093	0,286	-0,001	0,007	0,065	FALSE
-0,006	0,287	0,000	0,008	0,021	FALSE
0,040	0,302	0,002	0,008	0,074	FALSE
-0,067	0,281	-0,002	0,010	0,075	FALSE
0,073	0,282	0,001	0,012	0,028	FALSE
-0,003	0,288	-0,001	0,009	0,024	FALSE
0,042	0,294	0,001	0,009	0,041	FALSE
0,060	0,291	0,002	0,012	0,071	FALSE
-0,140	0,275	-0,003	0,011	0,114	FALSE
-0,003	0,279	-0,001	0,009	0,025	FALSE
0,034	0,293	0,000	0,015	0,000	FALSE
0,083	0,283	0,004	0,012	0,126	FALSE
0,069	0,298	0,002	0,011	0,064	FALSE
-0,050	0,288	0,000	0,015	0,010	FALSE
-0,039	0,292	-0,001	0,008	0,033	FALSE
0,044	0,288	0,001	0,011	0,027	FALSE
0,064	0,282	0,002	0,010	0,079	FALSE
0,133	0,262	0,004	0,008	0,200	FALSE
-0,192	0,281	-0,008	0,011	0,346	FALSE
-0,143	0,276	-0,003	0,008	0,176	FALSE
-0,244	0,273	-0,010	0,010	0,449	FALSE
0,237	0,281	0,010	0,014	0,328	FALSE
0,230	0,278	0,010	0,015	0,311	FALSE
0,220	0,284	0,008	0,011	0,348	FALSE
-0,227	0,280	-0,006	0,009	0,326	FALSE
-0,114	0,265	-0,005	0,009	0,225	FALSE
0,012	0,290	0,000	0,010	0,008	FALSE
0,145	0,293	0,006	0,012	0,207	FALSE
-0,062	0,291	-0,003	0,011	0,117	FALSE
-0,094	0,278	-0,004	0,014	0,106	FALSE
-0,047	0,293	-0,003	0,011	0,116	FALSE
0,111	0,278	0,006	0,010	0,250	FALSE
-0,108	0,297	-0,005	0,015	0,117	FALSE
-0,016	0,299	-0,001	0,015	0,031	FALSE
0,089	0,299	0,004	0,009	0,164	FALSE
-0,021	0,280	-0,001	0,008	0,030	FALSE
-0,099	0,275	-0,001	0,008	0,057	FALSE
0,067	0,267	0,001	0,011	0,037	FALSE
-0,009	0,297	-0,001	0,013	0,037	FALSE
0,034	0,287	0,002	0,013	0,060	FALSE
-0,001	0,287	-0,001	0,012	0,044	FALSE
-0,002	0,291	0,000	0,012	0,010	FALSE
-0,176	0,272	-0,008	0,012	0,298	FALSE
-0,059	0,267	-0,001	0,010	0,042	FALSE

0,033	0,278	0,001	0,008	0,052	FALSE
-0,078	0,291	-0,002	0,008	0,112	FALSE
-0,023	0,288	0,000	0,009	0,002	FALSE
0,125	0,289	0,004	0,013	0,134	FALSE
0,043	0,276	0,003	0,012	0,086	FALSE
-0,075	0,276	-0,003	0,013	0,080	FALSE
0,011	0,281	-0,001	0,009	0,046	FALSE
0,193	0,274	0,004	0,007	0,209	FALSE
-0,112	0,286	-0,004	0,010	0,183	FALSE
-0,098	0,279	-0,003	0,008	0,139	FALSE
0,008	0,287	0,000	0,014	0,007	FALSE
0,031	0,274	0,001	0,011	0,040	FALSE
-0,001	0,293	0,000	0,012	0,003	FALSE
0,008	0,287	0,000	0,008	0,014	FALSE
-0,021	0,267	-0,002	0,012	0,066	FALSE
0,067	0,285	0,002	0,009	0,075	FALSE
0,057	0,280	0,000	0,013	0,011	FALSE
0,001	0,299	0,001	0,009	0,029	FALSE
-0,086	0,290	0,001	0,012	0,019	FALSE
-0,020	0,294	0,000	0,010	0,017	FALSE
0,046	0,300	0,001	0,008	0,026	FALSE
-0,111	0,275	-0,002	0,008	0,075	FALSE
-0,082	0,290	-0,001	0,015	0,027	FALSE
0,091	0,283	0,002	0,015	0,043	FALSE
-0,097	0,293	-0,003	0,015	0,069	FALSE
0,002	0,275	0,003	0,014	0,065	FALSE
0,102	0,271	0,003	0,013	0,073	FALSE
-0,056	0,290	-0,004	0,015	0,102	FALSE
-0,036	0,289	-0,003	0,015	0,077	FALSE
-0,068	0,288	-0,004	0,015	0,112	FALSE
0,200	0,276	0,008	0,013	0,265	FALSE
-0,102	0,279	-0,003	0,009	0,144	FALSE
-0,126	0,288	-0,003	0,008	0,152	FALSE
-0,160	0,288	-0,005	0,012	0,146	FALSE
0,026	0,274	0,000	0,012	0,014	FALSE
0,123	0,290	0,005	0,014	0,127	FALSE
0,034	0,302	0,001	0,015	0,032	FALSE
0,061	0,294	0,000	0,009	0,017	FALSE
-0,076	0,301	-0,002	0,010	0,078	FALSE
0,094	0,288	0,001	0,008	0,042	FALSE
0,059	0,284	0,002	0,010	0,070	FALSE
0,016	0,294	0,000	0,011	0,013	FALSE
0,048	0,285	0,002	0,011	0,081	FALSE
0,046	0,283	0,002	0,010	0,064	FALSE
0,099	0,269	0,004	0,014	0,115	FALSE
-0,054	0,280	-0,002	0,011	0,072	FALSE
0,103	0,290	0,004	0,013	0,116	FALSE
-0,001	0,297	0,000	0,014	0,001	FALSE
-0,017	0,289	0,000	0,015	0,009	FALSE
-0,033	0,290	-0,001	0,015	0,022	FALSE
0,091	0,284	0,004	0,010	0,150	FALSE
0,095	0,289	0,003	0,010	0,130	FALSE
-0,031	0,287	0,002	0,012	0,053	FALSE

-0,147	0,273	-0,005	0,011	0,190	FALSE
0,082	0,283	0,002	0,011	0,073	FALSE
-0,101	0,294	-0,003	0,008	0,154	FALSE
0,090	0,282	0,002	0,008	0,076	FALSE
0,023	0,298	0,000	0,011	0,006	FALSE
-0,035	0,288	0,001	0,008	0,038	FALSE
0,035	0,297	0,001	0,011	0,022	FALSE
0,037	0,306	0,001	0,015	0,017	FALSE
-0,057	0,290	-0,003	0,011	0,129	FALSE
-0,100	0,291	-0,003	0,009	0,149	FALSE
0,061	0,282	0,002	0,010	0,067	FALSE
-0,052	0,272	0,000	0,010	0,014	FALSE
-0,019	0,295	-0,002	0,011	0,072	FALSE
-0,063	0,281	-0,005	0,014	0,144	FALSE
-0,093	0,297	-0,004	0,010	0,150	FALSE
0,064	0,289	0,001	0,012	0,025	FALSE
-0,125	0,287	-0,005	0,011	0,181	FALSE
-0,064	0,295	-0,002	0,015	0,050	FALSE
0,003	0,282	-0,001	0,013	0,017	FALSE
0,152	0,275	0,003	0,008	0,174	FALSE
-0,168	0,286	-0,004	0,010	0,185	FALSE
0,094	0,274	0,002	0,011	0,065	FALSE
-0,120	0,288	-0,004	0,010	0,163	FALSE
-0,122	0,275	-0,004	0,010	0,177	FALSE
0,049	0,301	0,002	0,009	0,078	FALSE
0,099	0,293	0,002	0,009	0,114	FALSE
-0,213	0,270	-0,005	0,007	0,335	FALSE
-0,033	0,288	-0,001	0,012	0,033	FALSE
0,081	0,299	0,002	0,008	0,114	FALSE
-0,132	0,293	-0,005	0,011	0,195	FALSE
0,170	0,285	0,004	0,011	0,159	FALSE
0,180	0,277	0,004	0,009	0,192	FALSE
-0,013	0,283	0,000	0,008	0,007	FALSE
0,002	0,296	0,002	0,014	0,051	FALSE
-0,169	0,285	-0,004	0,010	0,158	FALSE
0,076	0,281	0,005	0,014	0,136	FALSE
-0,027	0,284	0,000	0,012	0,009	FALSE
-0,091	0,296	-0,004	0,008	0,180	FALSE
-0,023	0,284	0,000	0,011	0,012	FALSE
-0,058	0,278	-0,003	0,010	0,116	FALSE
0,030	0,277	0,001	0,010	0,054	FALSE
-0,002	0,284	0,002	0,014	0,042	FALSE
0,113	0,293	0,003	0,009	0,143	FALSE
0,030	0,290	0,000	0,009	0,017	FALSE
-0,073	0,278	-0,003	0,014	0,076	FALSE
0,118	0,271	0,005	0,014	0,144	FALSE
0,106	0,271	0,001	0,010	0,054	FALSE
0,055	0,292	0,004	0,011	0,174	FALSE
0,145	0,288	0,006	0,015	0,175	FALSE
-0,170	0,280	-0,005	0,008	0,259	FALSE
-0,175	0,269	-0,005	0,009	0,245	FALSE
0,016	0,291	-0,001	0,014	0,016	FALSE
-0,060	0,293	-0,002	0,014	0,053	FALSE

-0,111	0,280	-0,005	0,013	0,155	FALSE
-0,026	0,279	-0,002	0,013	0,054	FALSE
0,131	0,296	0,003	0,010	0,133	FALSE
0,114	0,286	0,001	0,009	0,059	FALSE
-0,048	0,280	-0,002	0,014	0,062	FALSE
-0,031	0,280	-0,003	0,014	0,086	FALSE
-0,282	0,266	-0,009	0,009	0,519	FALSE
0,122	0,279	0,005	0,010	0,211	FALSE
-0,022	0,295	0,001	0,013	0,028	FALSE
-0,024	0,281	0,001	0,011	0,045	FALSE
-0,005	0,287	0,001	0,012	0,020	FALSE
-0,186	0,270	-0,004	0,007	0,268	FALSE
0,129	0,274	0,003	0,008	0,120	FALSE
0,110	0,289	0,002	0,008	0,082	FALSE
-0,027	0,302	0,000	0,008	0,014	FALSE
-0,039	0,281	-0,002	0,013	0,065	FALSE
0,119	0,293	0,003	0,012	0,103	FALSE
0,099	0,292	0,003	0,008	0,158	FALSE
-0,044	0,278	0,000	0,010	0,015	FALSE
-0,074	0,285	-0,001	0,010	0,042	FALSE
-0,018	0,299	-0,002	0,012	0,064	FALSE
0,040	0,293	0,000	0,008	0,004	FALSE
0,036	0,286	0,001	0,008	0,033	FALSE
0,157	0,309	0,004	0,008	0,243	FALSE
0,107	0,281	0,004	0,009	0,164	FALSE
0,021	0,286	0,001	0,010	0,035	FALSE
0,025	0,300	-0,001	0,010	0,023	FALSE
0,087	0,289	0,000	0,008	0,017	FALSE
0,006	0,291	0,000	0,011	0,015	FALSE
0,116	0,285	0,004	0,012	0,129	FALSE
-0,012	0,288	0,001	0,008	0,035	FALSE
0,139	0,280	0,003	0,007	0,160	FALSE
0,014	0,279	0,000	0,014	0,006	FALSE
-0,021	0,285	0,000	0,014	0,004	FALSE
0,131	0,283	0,002	0,007	0,098	FALSE
-0,079	0,294	0,000	0,008	0,019	FALSE
0,009	0,296	0,000	0,014	0,003	FALSE
-0,051	0,272	-0,002	0,009	0,076	FALSE
0,332	0,271	0,012	0,011	0,539	FALSE
0,035	0,285	0,002	0,009	0,088	FALSE
0,130	0,296	0,002	0,010	0,090	FALSE
0,119	0,298	0,002	0,010	0,068	FALSE
-0,070	0,258	-0,003	0,012	0,087	FALSE
-0,001	0,291	-0,001	0,012	0,041	FALSE
-0,144	0,283	-0,005	0,010	0,196	FALSE
0,007	0,294	-0,001	0,013	0,033	FALSE
-0,083	0,280	-0,003	0,011	0,119	FALSE
-0,101	0,297	-0,004	0,012	0,123	FALSE
-0,059	0,290	-0,001	0,007	0,038	FALSE
0,082	0,278	0,000	0,011	0,015	FALSE
0,060	0,274	0,002	0,013	0,068	FALSE
0,040	0,281	0,001	0,010	0,034	FALSE
-0,090	0,270	-0,001	0,010	0,023	FALSE

-0,083	0,278	-0,004	0,015	0,101	FALSE
-0,010	0,273	0,001	0,015	0,035	FALSE
-0,010	0,275	0,002	0,015	0,054	FALSE
-0,017	0,279	-0,001	0,015	0,014	FALSE
0,056	0,256	0,001	0,014	0,022	FALSE
0,019	0,303	0,000	0,012	0,007	FALSE
0,041	0,290	0,000	0,010	0,010	FALSE
0,043	0,293	0,001	0,012	0,027	FALSE
0,040	0,293	0,001	0,012	0,037	FALSE
0,026	0,302	0,001	0,012	0,022	FALSE
-0,024	0,285	0,000	0,014	0,001	FALSE
-0,055	0,292	-0,005	0,016	0,131	FALSE
-0,005	0,277	0,002	0,012	0,060	FALSE
0,022	0,280	0,002	0,014	0,044	FALSE
-0,143	0,277	-0,003	0,008	0,148	FALSE
0,056	0,276	0,001	0,008	0,033	FALSE
-0,006	0,289	-0,002	0,010	0,063	FALSE
-0,079	0,295	-0,001	0,007	0,058	FALSE
0,141	0,278	0,004	0,008	0,171	FALSE
-0,036	0,286	0,000	0,010	0,015	FALSE
-0,108	0,287	-0,002	0,010	0,082	FALSE
-0,068	0,295	-0,001	0,009	0,033	FALSE
0,271	0,269	0,006	0,009	0,306	FALSE
-0,203	0,275	-0,009	0,013	0,308	FALSE
-0,009	0,293	0,000	0,014	0,003	FALSE
-0,108	0,290	-0,005	0,013	0,145	FALSE
-0,019	0,277	-0,004	0,012	0,140	FALSE
-0,009	0,277	0,000	0,007	0,011	FALSE
-0,022	0,301	-0,001	0,013	0,030	FALSE
-0,078	0,287	-0,002	0,008	0,077	FALSE
0,064	0,302	0,003	0,012	0,107	FALSE
-0,202	0,274	-0,004	0,008	0,220	FALSE
0,087	0,294	0,003	0,009	0,143	FALSE
-0,051	0,275	-0,002	0,009	0,100	FALSE
0,053	0,299	0,001	0,008	0,052	FALSE
0,078	0,298	0,003	0,010	0,102	FALSE
-0,019	0,296	-0,001	0,009	0,055	FALSE
-0,013	0,280	0,001	0,014	0,017	FALSE
-0,107	0,298	-0,003	0,011	0,116	FALSE
-0,102	0,296	-0,003	0,012	0,091	FALSE
-0,157	0,292	-0,005	0,015	0,146	FALSE
0,098	0,283	0,003	0,009	0,150	FALSE
-0,123	0,282	-0,003	0,009	0,151	FALSE
-0,104	0,293	-0,001	0,008	0,054	FALSE
-0,079	0,302	-0,001	0,008	0,063	FALSE
0,002	0,304	0,000	0,011	0,008	FALSE
-0,092	0,302	-0,003	0,009	0,108	FALSE
-0,084	0,276	-0,004	0,010	0,137	FALSE
-0,092	0,285	-0,003	0,007	0,148	FALSE
0,055	0,296	0,001	0,014	0,038	FALSE
-0,016	0,276	-0,002	0,008	0,110	FALSE
0,002	0,282	-0,002	0,012	0,058	FALSE
0,046	0,286	0,002	0,013	0,070	FALSE

-0,028	0,286	0,000	0,015	0,002	FALSE
-0,126	0,285	-0,007	0,014	0,216	FALSE
0,067	0,275	0,005	0,012	0,167	FALSE
0,081	0,285	0,002	0,010	0,068	FALSE
-0,017	0,270	-0,001	0,007	0,057	FALSE
0,014	0,284	0,001	0,012	0,030	FALSE
0,101	0,280	0,004	0,012	0,142	FALSE
0,126	0,273	0,003	0,009	0,135	FALSE
0,058	0,288	0,001	0,010	0,046	FALSE
-0,210	0,282	-0,007	0,011	0,316	FALSE
-0,023	0,288	-0,001	0,011	0,029	FALSE
0,025	0,279	-0,002	0,015	0,050	FALSE
0,261	0,292	0,013	0,015	0,442	FALSE
-0,044	0,285	-0,001	0,012	0,029	FALSE
0,066	0,283	0,004	0,011	0,138	FALSE
0,000	0,297	-0,001	0,015	0,027	FALSE
0,014	0,295	0,000	0,015	0,001	FALSE
0,057	0,289	0,003	0,012	0,101	FALSE
-0,017	0,287	-0,002	0,012	0,068	FALSE
-0,032	0,286	0,000	0,010	0,010	FALSE
0,077	0,283	0,005	0,013	0,146	FALSE
0,063	0,290	0,004	0,013	0,124	FALSE
-0,144	0,282	-0,007	0,015	0,178	FALSE
-0,126	0,286	-0,005	0,015	0,138	FALSE
0,045	0,283	0,001	0,009	0,058	FALSE
0,030	0,289	-0,001	0,014	0,033	FALSE
0,100	0,284	0,002	0,008	0,087	FALSE
0,102	0,287	0,003	0,008	0,130	FALSE
-0,087	0,289	-0,002	0,014	0,063	FALSE
-0,034	0,297	0,000	0,009	0,004	FALSE
-0,002	0,287	-0,001	0,008	0,044	FALSE
0,137	0,278	0,006	0,011	0,240	FALSE
0,083	0,281	0,004	0,011	0,139	FALSE
-0,115	0,279	-0,003	0,013	0,077	FALSE
-0,159	0,292	-0,003	0,008	0,160	FALSE
0,072	0,277	0,001	0,008	0,031	FALSE
0,065	0,283	0,001	0,008	0,025	FALSE
-0,092	0,282	-0,003	0,008	0,132	FALSE
0,060	0,290	0,001	0,013	0,020	FALSE
-0,016	0,291	-0,001	0,015	0,013	FALSE
0,018	0,286	0,003	0,012	0,102	FALSE
-0,015	0,288	0,001	0,011	0,023	FALSE
-0,037	0,280	0,001	0,007	0,049	FALSE
0,012	0,286	0,001	0,014	0,022	FALSE
-0,256	0,265	-0,010	0,012	0,371	FALSE
0,182	0,280	0,006	0,015	0,168	FALSE
-0,263	0,269	-0,011	0,014	0,390	FALSE
-0,066	0,286	-0,002	0,011	0,067	FALSE
-0,030	0,288	0,001	0,009	0,021	FALSE
-0,067	0,276	-0,002	0,011	0,065	FALSE
-0,029	0,276	-0,002	0,013	0,069	FALSE
0,123	0,288	0,003	0,007	0,157	FALSE
-0,030	0,292	-0,002	0,013	0,052	FALSE

0,009	0,294	0,000	0,014	0,004	FALSE
-0,227	0,270	-0,006	0,009	0,288	FALSE
0,035	0,294	0,000	0,010	0,008	FALSE
-0,152	0,285	-0,007	0,014	0,197	FALSE
-0,154	0,284	-0,008	0,014	0,236	FALSE
0,125	0,293	0,002	0,008	0,082	FALSE
0,046	0,286	0,006	0,014	0,171	FALSE
0,062	0,287	0,000	0,008	0,005	FALSE
0,114	0,287	0,003	0,011	0,102	FALSE
-0,005	0,294	0,004	0,014	0,098	FALSE
-0,073	0,290	-0,006	0,015	0,181	FALSE
0,014	0,296	0,003	0,015	0,090	FALSE
-0,081	0,298	-0,007	0,015	0,187	FALSE
0,243	0,284	0,007	0,010	0,324	FALSE
0,102	0,276	0,005	0,014	0,157	FALSE
0,138	0,278	0,004	0,009	0,190	FALSE
0,116	0,294	0,004	0,013	0,126	FALSE
0,015	0,301	0,001	0,015	0,021	FALSE
0,113	0,296	0,003	0,013	0,102	FALSE
-0,125	0,280	-0,003	0,008	0,132	FALSE
-0,001	0,287	0,001	0,012	0,019	FALSE
-0,242	0,280	-0,006	0,009	0,327	FALSE
0,147	0,303	0,006	0,014	0,189	FALSE
-0,079	0,280	-0,003	0,013	0,080	FALSE
-0,004	0,299	0,000	0,008	0,001	FALSE
0,223	0,288	0,008	0,015	0,246	FALSE
0,155	0,293	0,006	0,013	0,204	FALSE
-0,047	0,284	0,000	0,009	0,004	FALSE
0,047	0,284	0,000	0,009	0,007	FALSE
-0,224	0,284	-0,005	0,008	0,257	FALSE
0,156	0,289	0,003	0,009	0,112	FALSE
-0,116	0,276	-0,003	0,011	0,126	FALSE
0,097	0,285	0,001	0,007	0,072	FALSE
-0,045	0,295	-0,003	0,009	0,125	FALSE
0,105	0,279	0,002	0,013	0,057	FALSE
0,062	0,299	0,001	0,011	0,047	FALSE
-0,050	0,277	-0,007	0,015	0,186	FALSE
-0,045	0,293	-0,001	0,012	0,038	FALSE
-0,084	0,283	-0,004	0,011	0,147	FALSE
0,082	0,275	0,001	0,008	0,069	FALSE
0,034	0,285	0,001	0,011	0,018	FALSE
0,079	0,276	0,001	0,015	0,031	FALSE
0,056	0,277	0,004	0,013	0,135	FALSE
0,033	0,285	0,002	0,009	0,076	FALSE
0,060	0,278	0,003	0,008	0,132	FALSE
0,059	0,277	0,003	0,012	0,086	FALSE
-0,049	0,283	-0,001	0,009	0,035	FALSE
0,089	0,285	0,003	0,008	0,136	FALSE
0,037	0,283	-0,001	0,007	0,027	FALSE
-0,190	0,295	-0,004	0,008	0,252	FALSE
-0,187	0,288	-0,004	0,007	0,253	FALSE
-0,008	0,296	-0,002	0,015	0,042	FALSE
0,063	0,290	0,004	0,015	0,094	FALSE

-0,059	0,297	-0,003	0,010	0,128	FALSE
-0,028	0,264	-0,001	0,009	0,031	FALSE
0,029	0,284	0,000	0,012	0,012	FALSE
-0,016	0,289	0,001	0,007	0,045	FALSE
-0,138	0,286	-0,005	0,011	0,166	FALSE
-0,153	0,287	-0,004	0,012	0,144	FALSE
0,030	0,273	-0,001	0,007	0,056	FALSE
0,038	0,291	-0,001	0,008	0,029	FALSE
0,229	0,265	0,011	0,014	0,364	FALSE
-0,003	0,278	-0,001	0,009	0,061	FALSE
0,007	0,278	-0,001	0,009	0,029	FALSE
0,002	0,288	0,001	0,009	0,033	FALSE
0,024	0,276	-0,001	0,008	0,044	FALSE
0,060	0,279	0,002	0,009	0,101	FALSE
0,044	0,287	0,003	0,009	0,119	FALSE
0,025	0,286	0,001	0,007	0,049	FALSE
-0,115	0,287	-0,002	0,009	0,088	FALSE
0,055	0,274	0,003	0,013	0,074	FALSE
0,021	0,298	0,001	0,013	0,017	FALSE
-0,095	0,267	-0,003	0,010	0,125	FALSE
0,116	0,279	0,005	0,014	0,153	FALSE
0,061	0,280	0,003	0,012	0,105	FALSE
0,082	0,278	0,000	0,007	0,008	FALSE
-0,047	0,279	0,000	0,010	0,002	FALSE
0,048	0,294	0,003	0,012	0,086	FALSE
-0,154	0,283	-0,004	0,009	0,182	FALSE
-0,185	0,278	-0,004	0,008	0,224	FALSE
-0,029	0,302	0,001	0,014	0,023	FALSE
-0,160	0,288	-0,004	0,010	0,154	FALSE
-0,028	0,294	-0,001	0,008	0,066	FALSE
0,075	0,291	0,004	0,012	0,140	FALSE
-0,045	0,286	-0,001	0,008	0,064	FALSE
-0,100	0,293	-0,002	0,010	0,073	FALSE
0,111	0,295	0,004	0,010	0,174	FALSE
-0,003	0,292	0,001	0,008	0,061	FALSE
0,105	0,283	0,004	0,011	0,136	FALSE
-0,124	0,280	-0,002	0,009	0,091	FALSE
-0,224	0,266	-0,009	0,015	0,268	FALSE
-0,213	0,267	-0,009	0,015	0,257	FALSE
0,058	0,289	0,001	0,010	0,031	FALSE
0,015	0,268	-0,002	0,007	0,103	FALSE
-0,101	0,288	-0,001	0,008	0,031	FALSE
-0,034	0,315	-0,003	0,016	0,063	FALSE
0,010	0,276	0,001	0,014	0,028	FALSE
-0,059	0,282	-0,001	0,014	0,032	FALSE
0,001	0,297	0,001	0,010	0,024	FALSE
0,043	0,278	0,001	0,007	0,034	FALSE
0,040	0,294	0,003	0,011	0,093	FALSE
0,066	0,289	0,003	0,011	0,090	FALSE
-0,133	0,293	-0,002	0,008	0,120	FALSE
-0,066	0,290	-0,001	0,010	0,048	FALSE
-0,012	0,280	-0,001	0,011	0,016	FALSE
0,019	0,285	0,001	0,011	0,030	FALSE

0,051	0,290	0,002	0,010	0,055	FALSE
-0,198	0,277	-0,005	0,010	0,246	FALSE
-0,063	0,288	-0,001	0,010	0,051	FALSE
0,112	0,289	0,003	0,010	0,103	FALSE
0,161	0,289	0,005	0,010	0,231	FALSE
-0,169	0,284	-0,006	0,011	0,226	FALSE
0,028	0,282	0,000	0,008	0,022	FALSE
0,045	0,292	0,000	0,009	0,001	FALSE
0,106	0,290	0,003	0,013	0,100	FALSE
0,008	0,291	0,000	0,014	0,004	FALSE
-0,118	0,280	-0,003	0,008	0,138	FALSE
-0,085	0,296	-0,003	0,010	0,115	FALSE
-0,170	0,276	-0,003	0,007	0,189	FALSE
0,019	0,293	0,000	0,008	0,014	FALSE
-0,140	0,282	-0,003	0,007	0,168	FALSE
-0,058	0,289	-0,001	0,009	0,038	FALSE
0,043	0,282	0,001	0,008	0,042	FALSE
-0,006	0,292	0,000	0,009	0,011	FALSE
-0,018	0,298	-0,001	0,013	0,032	FALSE
0,116	0,290	0,002	0,007	0,120	FALSE
-0,026	0,284	-0,001	0,010	0,035	FALSE
0,057	0,283	0,000	0,013	0,008	FALSE
0,008	0,280	-0,001	0,011	0,030	FALSE
0,086	0,273	0,003	0,012	0,102	FALSE
0,071	0,289	0,002	0,012	0,068	FALSE
-0,002	0,287	0,000	0,008	0,004	FALSE
-0,092	0,296	-0,002	0,012	0,077	FALSE
0,105	0,293	0,004	0,011	0,153	FALSE
-0,045	0,287	0,001	0,009	0,021	FALSE
0,170	0,283	0,004	0,010	0,151	FALSE
0,014	0,275	0,002	0,011	0,077	FALSE
-0,140	0,287	-0,004	0,009	0,197	FALSE
-0,168	0,275	-0,005	0,009	0,263	FALSE
0,047	0,284	0,001	0,010	0,020	FALSE
-0,076	0,287	-0,005	0,014	0,129	FALSE
0,112	0,284	0,004	0,009	0,218	FALSE
0,043	0,270	0,000	0,014	0,003	FALSE
-0,039	0,288	-0,003	0,010	0,094	FALSE
0,008	0,289	0,001	0,009	0,028	FALSE
-0,062	0,287	-0,002	0,009	0,093	FALSE
-0,168	0,282	-0,005	0,010	0,180	FALSE
-0,042	0,284	-0,001	0,008	0,025	FALSE
-0,027	0,280	-0,002	0,007	0,081	FALSE
-0,014	0,283	-0,001	0,011	0,021	FALSE
-0,149	0,281	-0,005	0,013	0,168	FALSE
0,093	0,294	0,004	0,009	0,169	FALSE
-0,022	0,290	0,002	0,014	0,041	FALSE
0,067	0,293	0,001	0,010	0,049	FALSE
-0,033	0,276	-0,002	0,008	0,090	FALSE
0,002	0,279	0,003	0,012	0,085	FALSE
0,041	0,284	0,006	0,013	0,174	FALSE
-0,016	0,284	0,002	0,013	0,069	FALSE
-0,072	0,287	-0,001	0,010	0,027	FALSE

-0,113	0,294	-0,006	0,015	0,165	FALSE
0,128	0,279	0,005	0,012	0,148	FALSE
-0,077	0,292	-0,002	0,008	0,121	FALSE
0,019	0,290	0,002	0,010	0,071	FALSE
-0,047	0,288	-0,002	0,012	0,066	FALSE
0,037	0,291	0,001	0,008	0,041	FALSE
-0,209	0,271	-0,005	0,011	0,174	FALSE
0,034	0,279	0,001	0,009	0,026	FALSE
0,132	0,276	0,004	0,011	0,143	FALSE
-0,071	0,278	-0,004	0,014	0,113	FALSE
0,132	0,281	0,004	0,010	0,178	FALSE
0,129	0,281	0,003	0,008	0,158	FALSE
-0,038	0,283	-0,001	0,009	0,051	FALSE
-0,042	0,284	-0,002	0,009	0,062	FALSE
0,041	0,272	0,001	0,010	0,039	FALSE
0,066	0,294	0,003	0,014	0,067	FALSE
0,038	0,287	0,002	0,013	0,056	FALSE
-0,070	0,280	-0,004	0,012	0,124	FALSE
-0,053	0,292	-0,003	0,012	0,093	FALSE
-0,065	0,274	-0,002	0,010	0,062	FALSE
-0,031	0,287	-0,002	0,012	0,073	FALSE
0,048	0,294	0,002	0,011	0,051	FALSE
-0,007	0,293	-0,002	0,015	0,060	FALSE
0,082	0,295	0,003	0,007	0,154	FALSE
0,072	0,271	0,003	0,008	0,127	FALSE
0,084	0,282	0,003	0,012	0,084	FALSE
-0,054	0,278	-0,003	0,013	0,078	FALSE
-0,098	0,282	-0,005	0,014	0,139	FALSE
-0,059	0,288	-0,002	0,012	0,072	FALSE
0,104	0,288	0,005	0,015	0,137	FALSE
0,068	0,292	0,001	0,015	0,028	FALSE
0,095	0,291	0,003	0,009	0,146	FALSE
-0,084	0,281	-0,001	0,013	0,037	FALSE
0,120	0,295	0,004	0,009	0,176	FALSE
0,057	0,276	0,001	0,009	0,038	FALSE
0,010	0,289	-0,001	0,010	0,036	FALSE
0,004	0,291	-0,001	0,013	0,017	FALSE
0,003	0,288	0,000	0,010	0,005	FALSE
-0,006	0,291	-0,001	0,015	0,016	FALSE
-0,003	0,286	0,000	0,009	0,013	FALSE
0,100	0,297	0,004	0,014	0,116	FALSE
-0,029	0,294	-0,001	0,015	0,027	FALSE
-0,028	0,287	-0,001	0,009	0,028	FALSE
-0,019	0,277	-0,001	0,014	0,022	FALSE
0,097	0,289	0,004	0,015	0,087	FALSE
-0,049	0,298	0,000	0,010	0,004	FALSE
-0,015	0,279	-0,002	0,014	0,059	FALSE
-0,110	0,284	-0,005	0,014	0,147	FALSE
0,020	0,284	0,000	0,008	0,021	FALSE
0,044	0,287	0,001	0,008	0,038	FALSE
-0,002	0,280	0,002	0,010	0,076	FALSE
-0,063	0,288	-0,003	0,008	0,137	FALSE
0,015	0,286	0,000	0,007	0,023	FALSE

-0,124	0,276	-0,003	0,012	0,087	FALSE
0,052	0,286	0,001	0,009	0,035	FALSE
0,064	0,295	0,001	0,008	0,061	FALSE
-0,172	0,280	-0,004	0,011	0,155	FALSE
-0,063	0,283	-0,001	0,008	0,060	FALSE
0,082	0,277	0,001	0,008	0,054	FALSE
0,025	0,284	0,000	0,007	0,015	FALSE
-0,019	0,287	0,001	0,009	0,053	FALSE
-0,040	0,295	0,001	0,009	0,036	FALSE
-0,136	0,293	-0,006	0,013	0,186	FALSE
0,015	0,279	-0,002	0,013	0,051	FALSE
-0,002	0,300	0,001	0,012	0,018	FALSE
0,149	0,283	0,004	0,007	0,204	FALSE
0,087	0,288	0,003	0,007	0,191	FALSE
0,174	0,295	0,005	0,014	0,150	FALSE
0,085	0,300	0,001	0,012	0,046	FALSE
-0,055	0,279	-0,002	0,014	0,043	FALSE
-0,051	0,287	-0,003	0,011	0,119	FALSE
0,109	0,280	0,005	0,011	0,196	FALSE
-0,023	0,276	-0,001	0,008	0,054	FALSE
0,014	0,274	0,000	0,011	0,015	FALSE
-0,180	0,277	-0,008	0,012	0,304	FALSE
0,070	0,275	0,000	0,010	0,014	FALSE
-0,032	0,279	-0,003	0,012	0,077	FALSE
-0,100	0,294	-0,005	0,011	0,166	FALSE
0,041	0,277	0,003	0,011	0,095	FALSE
0,067	0,307	0,003	0,012	0,085	FALSE
0,025	0,289	0,002	0,010	0,070	FALSE
-0,213	0,264	-0,007	0,010	0,336	FALSE
-0,228	0,277	-0,009	0,011	0,402	FALSE
-0,046	0,267	-0,003	0,012	0,096	FALSE
-0,051	0,285	-0,003	0,009	0,150	FALSE
0,035	0,286	0,000	0,009	0,014	FALSE
-0,106	0,293	-0,005	0,014	0,141	FALSE
0,112	0,273	0,004	0,013	0,124	FALSE
-0,052	0,294	-0,003	0,009	0,118	FALSE
-0,041	0,281	-0,002	0,013	0,059	FALSE
-0,042	0,302	-0,001	0,009	0,056	FALSE
-0,152	0,288	-0,005	0,014	0,155	FALSE
0,009	0,295	0,001	0,015	0,025	FALSE
0,045	0,276	0,000	0,007	0,008	FALSE
0,061	0,292	0,000	0,008	0,017	FALSE
-0,027	0,287	-0,002	0,009	0,068	FALSE
-0,122	0,302	-0,003	0,008	0,140	FALSE
-0,027	0,276	-0,004	0,015	0,108	FALSE
0,039	0,285	0,001	0,008	0,024	FALSE
0,025	0,292	0,000	0,015	0,003	FALSE
0,023	0,282	0,000	0,014	0,003	FALSE
0,028	0,291	0,001	0,014	0,018	FALSE
0,186	0,294	0,006	0,015	0,169	FALSE
-0,006	0,275	-0,003	0,010	0,104	FALSE
-0,070	0,282	-0,002	0,014	0,038	FALSE
0,019	0,277	0,000	0,011	0,009	FALSE

0,044	0,279	0,002	0,013	0,045	FALSE
-0,023	0,289	-0,003	0,012	0,095	FALSE
-0,045	0,277	-0,003	0,011	0,096	FALSE
-0,032	0,296	0,000	0,009	0,003	FALSE
0,132	0,285	0,004	0,014	0,111	FALSE
0,045	0,279	0,000	0,014	0,011	FALSE
-0,061	0,303	-0,002	0,012	0,053	FALSE
0,055	0,288	0,000	0,009	0,016	FALSE
0,075	0,283	0,001	0,010	0,050	FALSE
-0,124	0,292	-0,002	0,015	0,058	FALSE
0,049	0,300	0,002	0,011	0,076	FALSE
0,030	0,295	0,000	0,009	0,017	FALSE
0,110	0,286	0,002	0,008	0,113	FALSE
-0,036	0,297	-0,002	0,013	0,049	FALSE
-0,124	0,269	-0,005	0,011	0,180	FALSE
-0,034	0,291	-0,001	0,009	0,035	FALSE
0,008	0,298	0,001	0,011	0,033	FALSE
0,120	0,283	0,004	0,009	0,186	FALSE
0,189	0,268	0,007	0,012	0,235	FALSE
-0,055	0,291	-0,001	0,011	0,032	FALSE
0,115	0,275	0,003	0,014	0,083	FALSE
0,172	0,275	0,004	0,009	0,207	FALSE
0,094	0,285	0,002	0,008	0,075	FALSE
-0,054	0,275	0,001	0,015	0,017	FALSE
0,162	0,276	0,001	0,008	0,065	FALSE
0,149	0,277	0,006	0,011	0,236	FALSE
0,004	0,290	-0,002	0,014	0,047	FALSE
-0,085	0,280	-0,002	0,007	0,083	FALSE
-0,033	0,277	0,000	0,010	0,005	FALSE
-0,123	0,277	-0,002	0,009	0,090	FALSE
0,079	0,268	0,004	0,012	0,137	FALSE
0,060	0,298	0,000	0,009	0,011	FALSE
0,004	0,284	-0,001	0,008	0,034	FALSE
-0,007	0,287	0,001	0,010	0,048	FALSE
0,110	0,287	0,005	0,014	0,135	FALSE
0,090	0,277	0,003	0,015	0,088	FALSE
0,015	0,273	-0,001	0,008	0,051	FALSE
0,003	0,301	0,001	0,008	0,026	FALSE
0,083	0,299	0,003	0,009	0,122	FALSE
-0,100	0,297	-0,002	0,010	0,073	FALSE
0,079	0,286	0,001	0,009	0,029	FALSE
0,002	0,297	0,000	0,013	0,008	FALSE
-0,040	0,288	0,000	0,011	0,011	FALSE
0,065	0,275	0,003	0,011	0,108	FALSE
-0,010	0,297	0,001	0,014	0,031	FALSE
0,077	0,301	0,002	0,009	0,089	FALSE
0,096	0,288	0,004	0,010	0,147	FALSE
0,017	0,287	0,001	0,009	0,022	FALSE
0,038	0,267	0,001	0,014	0,028	FALSE
0,007	0,281	0,002	0,013	0,065	FALSE
0,037	0,281	0,000	0,007	0,018	FALSE
0,013	0,266	0,002	0,014	0,053	FALSE
-0,023	0,277	-0,002	0,007	0,096	FALSE

0,020	0,267	0,002	0,014	0,051	FALSE
0,014	0,281	0,002	0,015	0,045	FALSE
0,069	0,288	0,001	0,007	0,034	FALSE
-0,038	0,267	-0,002	0,007	0,121	FALSE
0,039	0,275	0,004	0,014	0,102	FALSE
-0,126	0,275	-0,006	0,013	0,192	FALSE
-0,044	0,279	-0,003	0,009	0,113	FALSE
0,047	0,284	0,001	0,013	0,031	FALSE
0,154	0,269	0,006	0,012	0,196	FALSE
-0,005	0,295	-0,003	0,015	0,066	FALSE
-0,199	0,266	-0,006	0,008	0,338	FALSE
-0,036	0,280	-0,002	0,010	0,060	FALSE
0,170	0,276	0,004	0,009	0,187	FALSE
-0,005	0,293	0,000	0,012	0,014	FALSE
-0,008	0,293	-0,001	0,014	0,022	FALSE
0,014	0,294	0,000	0,008	0,018	FALSE
0,019	0,272	0,003	0,013	0,074	FALSE
-0,031	0,280	0,001	0,010	0,020	FALSE
-0,047	0,281	-0,004	0,013	0,110	FALSE
-0,033	0,263	-0,002	0,013	0,052	FALSE
-0,002	0,291	0,000	0,014	0,009	FALSE
-0,147	0,281	-0,004	0,011	0,144	FALSE
0,003	0,280	0,000	0,015	0,005	FALSE
-0,121	0,286	-0,003	0,010	0,124	FALSE
-0,011	0,283	-0,001	0,012	0,026	FALSE
-0,106	0,293	-0,004	0,012	0,118	FALSE
0,059	0,285	0,001	0,009	0,034	FALSE
-0,013	0,288	-0,002	0,008	0,071	FALSE
-0,174	0,265	-0,008	0,012	0,319	FALSE
-0,017	0,283	0,000	0,013	0,013	FALSE
-0,011	0,252	-0,001	0,009	0,046	FALSE
-0,039	0,293	-0,003	0,012	0,088	FALSE
0,026	0,286	0,002	0,012	0,053	FALSE
-0,005	0,297	0,001	0,013	0,018	FALSE
0,092	0,283	0,003	0,008	0,141	FALSE
0,045	0,292	0,000	0,008	0,014	FALSE
-0,087	0,289	-0,006	0,014	0,175	FALSE
0,043	0,284	0,002	0,015	0,037	FALSE
0,006	0,277	-0,001	0,014	0,023	FALSE
0,022	0,272	0,000	0,014	0,010	FALSE
0,145	0,294	0,004	0,009	0,189	FALSE
-0,004	0,289	0,001	0,007	0,040	FALSE
-0,183	0,291	-0,007	0,013	0,222	FALSE
-0,036	0,278	-0,002	0,015	0,059	FALSE
-0,064	0,286	-0,003	0,014	0,075	FALSE
0,075	0,292	0,000	0,008	0,021	FALSE
-0,036	0,276	-0,002	0,012	0,058	FALSE
-0,001	0,276	0,000	0,009	0,010	FALSE
-0,001	0,306	0,000	0,015	0,000	FALSE
-0,022	0,292	0,000	0,010	0,002	FALSE
-0,030	0,290	-0,003	0,010	0,104	FALSE
-0,027	0,286	0,001	0,014	0,014	FALSE
-0,189	0,277	-0,004	0,007	0,233	FALSE

0,090	0,290	0,002	0,012	0,051	FALSE
0,038	0,280	0,001	0,008	0,067	FALSE
-0,080	0,294	-0,003	0,015	0,081	FALSE
0,065	0,271	0,001	0,012	0,038	FALSE
0,029	0,278	0,000	0,010	0,012	FALSE
-0,157	0,288	-0,006	0,015	0,148	FALSE
-0,046	0,275	0,000	0,007	0,023	FALSE
-0,151	0,280	-0,003	0,009	0,142	FALSE
-0,139	0,278	-0,004	0,013	0,113	FALSE
-0,068	0,289	-0,001	0,011	0,027	FALSE
0,024	0,296	0,002	0,010	0,060	FALSE
-0,115	0,271	-0,003	0,010	0,131	FALSE
-0,057	0,292	-0,003	0,012	0,091	FALSE
0,050	0,288	0,002	0,010	0,072	FALSE
-0,042	0,295	-0,002	0,008	0,112	FALSE
0,159	0,287	0,006	0,010	0,276	FALSE
-0,051	0,285	-0,003	0,009	0,143	FALSE
-0,049	0,291	-0,001	0,014	0,026	FALSE
0,142	0,288	0,003	0,007	0,141	FALSE
0,139	0,277	0,003	0,010	0,109	FALSE
-0,061	0,296	0,000	0,009	0,007	FALSE
-0,048	0,296	0,000	0,008	0,007	FALSE
0,042	0,279	0,002	0,008	0,117	FALSE
0,123	0,302	0,003	0,009	0,112	FALSE
0,108	0,296	0,003	0,010	0,092	FALSE
0,034	0,304	0,001	0,009	0,063	FALSE
-0,019	0,295	0,001	0,015	0,017	FALSE
-0,098	0,290	-0,003	0,015	0,076	FALSE
-0,072	0,294	-0,002	0,008	0,070	FALSE
0,012	0,284	-0,001	0,011	0,019	FALSE
0,017	0,282	-0,001	0,012	0,019	FALSE
-0,092	0,275	-0,002	0,014	0,063	FALSE
-0,069	0,299	-0,001	0,011	0,043	FALSE
0,021	0,288	-0,002	0,015	0,037	FALSE
-0,012	0,288	0,000	0,010	0,007	FALSE
0,135	0,293	0,005	0,008	0,264	FALSE
0,158	0,280	0,002	0,008	0,089	FALSE
-0,071	0,304	-0,001	0,012	0,027	FALSE
0,061	0,283	0,002	0,011	0,071	FALSE
-0,051	0,290	0,000	0,011	0,010	FALSE
0,044	0,291	0,001	0,012	0,029	FALSE
-0,142	0,276	-0,005	0,013	0,160	FALSE
-0,211	0,279	-0,008	0,011	0,338	FALSE
0,074	0,298	0,002	0,010	0,085	FALSE
0,038	0,287	0,001	0,010	0,042	FALSE
-0,075	0,289	-0,001	0,014	0,022	FALSE
0,051	0,291	0,001	0,009	0,045	FALSE
0,012	0,292	-0,001	0,009	0,021	FALSE
0,080	0,303	0,004	0,015	0,091	FALSE
-0,031	0,298	-0,002	0,011	0,056	FALSE
-0,029	0,274	0,001	0,012	0,034	FALSE
0,155	0,274	0,002	0,011	0,053	FALSE
0,128	0,266	0,002	0,010	0,096	FALSE

0,019	0,284	0,001	0,012	0,023	FALSE
0,089	0,295	0,002	0,012	0,054	FALSE
0,085	0,289	0,003	0,014	0,074	FALSE
-0,016	0,290	0,000	0,010	0,014	FALSE
-0,129	0,283	-0,004	0,013	0,124	FALSE
0,111	0,283	0,004	0,011	0,124	FALSE
-0,123	0,282	-0,005	0,011	0,199	FALSE
-0,136	0,275	-0,002	0,008	0,123	FALSE
0,065	0,288	0,001	0,014	0,027	FALSE
0,012	0,297	0,001	0,008	0,024	FALSE
-0,068	0,292	-0,003	0,010	0,100	FALSE
-0,090	0,298	-0,002	0,010	0,080	FALSE
-0,079	0,280	-0,006	0,016	0,146	FALSE
-0,090	0,286	-0,002	0,011	0,065	FALSE
-0,106	0,299	-0,005	0,014	0,132	FALSE
0,109	0,279	0,002	0,011	0,072	FALSE
-0,047	0,284	-0,001	0,012	0,041	FALSE
0,001	0,287	0,000	0,009	0,010	FALSE
0,047	0,280	0,002	0,013	0,052	FALSE
-0,126	0,292	-0,002	0,009	0,089	FALSE
0,060	0,292	0,004	0,008	0,214	FALSE
0,047	0,286	0,003	0,014	0,092	FALSE
-0,023	0,285	-0,001	0,008	0,058	FALSE
0,294	0,256	0,013	0,015	0,414	FALSE
0,049	0,291	0,002	0,014	0,055	FALSE
0,079	0,299	0,001	0,008	0,037	FALSE
0,067	0,286	0,001	0,012	0,029	FALSE
0,005	0,286	-0,001	0,008	0,060	FALSE
0,152	0,273	0,002	0,008	0,075	FALSE
0,022	0,296	0,002	0,009	0,076	FALSE
-0,164	0,277	-0,005	0,010	0,214	FALSE
0,249	0,280	0,008	0,013	0,255	FALSE
-0,099	0,289	-0,002	0,011	0,076	FALSE
0,103	0,270	0,003	0,009	0,122	FALSE
-0,060	0,283	0,000	0,009	0,014	FALSE
0,060	0,296	0,003	0,013	0,097	FALSE
0,025	0,275	0,004	0,014	0,120	FALSE
0,052	0,282	0,003	0,012	0,088	FALSE
0,043	0,295	0,002	0,008	0,078	FALSE
-0,130	0,284	-0,004	0,007	0,201	FALSE
-0,145	0,292	-0,007	0,014	0,187	FALSE
-0,174	0,281	-0,005	0,015	0,134	FALSE
-0,056	0,290	0,000	0,011	0,003	FALSE
0,048	0,285	-0,001	0,014	0,013	FALSE
-0,087	0,280	-0,003	0,008	0,131	FALSE
0,021	0,280	0,000	0,007	0,003	FALSE
-0,117	0,271	-0,003	0,007	0,172	FALSE
-0,055	0,295	-0,002	0,008	0,074	FALSE
-0,134	0,274	-0,005	0,012	0,168	FALSE
-0,210	0,261	-0,006	0,010	0,271	FALSE
-0,138	0,278	-0,004	0,012	0,121	FALSE
-0,074	0,289	-0,004	0,015	0,102	FALSE
-0,058	0,293	-0,004	0,015	0,097	FALSE

-0,241	0,270	-0,010	0,011	0,414	FALSE
0,035	0,279	0,000	0,013	0,006	FALSE
0,001	0,292	0,002	0,014	0,046	FALSE
0,035	0,290	0,002	0,009	0,087	FALSE
-0,161	0,278	-0,006	0,014	0,180	FALSE
-0,029	0,276	-0,001	0,014	0,030	FALSE
-0,054	0,291	-0,002	0,011	0,063	FALSE
-0,005	0,284	-0,002	0,015	0,056	FALSE
0,043	0,309	0,001	0,010	0,048	FALSE
-0,054	0,288	-0,003	0,013	0,096	FALSE
0,066	0,295	0,002	0,009	0,087	FALSE
0,140	0,288	0,001	0,008	0,043	FALSE
0,049	0,285	0,003	0,010	0,105	FALSE
0,152	0,293	0,009	0,013	0,296	FALSE
0,092	0,282	0,002	0,011	0,074	FALSE
-0,107	0,293	-0,004	0,015	0,099	FALSE
-0,040	0,269	-0,003	0,014	0,097	FALSE
0,034	0,291	-0,001	0,014	0,037	FALSE
0,074	0,303	0,001	0,015	0,017	FALSE
0,039	0,295	0,002	0,010	0,074	FALSE
0,021	0,291	0,000	0,008	0,003	FALSE
0,165	0,285	0,006	0,010	0,264	FALSE
0,134	0,287	0,004	0,013	0,118	FALSE
-0,070	0,304	-0,005	0,015	0,132	FALSE
-0,175	0,283	-0,004	0,011	0,164	FALSE
0,165	0,280	0,009	0,014	0,288	FALSE
0,048	0,286	0,002	0,010	0,083	FALSE
0,096	0,284	0,006	0,015	0,156	FALSE
0,095	0,291	0,005	0,015	0,145	FALSE
-0,137	0,268	-0,006	0,014	0,170	FALSE
0,165	0,286	0,005	0,010	0,217	FALSE
0,114	0,286	0,001	0,008	0,061	FALSE
-0,014	0,284	-0,003	0,014	0,089	FALSE
-0,209	0,283	-0,008	0,014	0,268	FALSE
-0,126	0,284	-0,004	0,009	0,192	FALSE
0,064	0,288	0,002	0,008	0,077	FALSE
0,170	0,275	0,007	0,015	0,191	FALSE
0,115	0,276	0,005	0,012	0,177	FALSE
-0,035	0,284	-0,002	0,012	0,053	FALSE
-0,124	0,292	-0,007	0,014	0,200	FALSE
-0,047	0,282	-0,002	0,008	0,074	FALSE
-0,028	0,285	0,000	0,008	0,009	FALSE
0,038	0,276	0,000	0,009	0,017	FALSE
-0,044	0,276	0,000	0,013	0,000	FALSE
-0,018	0,295	0,002	0,010	0,069	FALSE
-0,127	0,276	-0,006	0,014	0,190	FALSE
-0,027	0,275	0,000	0,010	0,000	FALSE
0,143	0,276	0,007	0,012	0,232	FALSE
0,189	0,300	0,005	0,008	0,265	FALSE
0,128	0,281	0,004	0,014	0,100	FALSE
-0,005	0,273	-0,002	0,011	0,051	FALSE
0,111	0,285	0,005	0,012	0,157	FALSE
-0,207	0,277	-0,004	0,008	0,211	FALSE

-0,025	0,294	-0,001	0,010	0,024	FALSE
-0,044	0,273	-0,003	0,010	0,121	FALSE
-0,042	0,284	-0,001	0,008	0,061	FALSE
-0,125	0,284	-0,008	0,015	0,243	FALSE
-0,222	0,278	-0,011	0,015	0,332	FALSE
0,050	0,290	0,001	0,009	0,044	FALSE
-0,070	0,284	-0,003	0,014	0,077	FALSE
-0,063	0,283	0,000	0,010	0,009	FALSE
0,090	0,282	0,003	0,013	0,089	FALSE
-0,031	0,294	0,000	0,008	0,014	FALSE
-0,081	0,292	-0,007	0,014	0,204	FALSE
0,009	0,277	-0,001	0,011	0,031	FALSE
-0,007	0,290	-0,002	0,013	0,045	FALSE
-0,029	0,294	0,000	0,008	0,008	FALSE
-0,160	0,277	-0,006	0,014	0,195	FALSE
0,091	0,285	0,004	0,010	0,177	FALSE
0,070	0,290	0,001	0,010	0,058	FALSE
0,093	0,276	0,005	0,014	0,151	FALSE
0,120	0,289	0,002	0,008	0,119	FALSE
0,069	0,293	0,002	0,008	0,077	FALSE
-0,132	0,280	-0,005	0,008	0,243	FALSE
-0,015	0,286	0,000	0,008	0,012	FALSE
0,011	0,301	0,000	0,010	0,014	FALSE
-0,097	0,271	-0,004	0,008	0,204	FALSE
-0,196	0,280	-0,004	0,008	0,229	FALSE
-0,018	0,280	-0,001	0,010	0,038	FALSE
-0,019	0,299	-0,001	0,010	0,049	FALSE
0,034	0,291	0,000	0,010	0,005	FALSE
0,078	0,282	0,001	0,008	0,028	FALSE
0,083	0,282	0,004	0,015	0,117	FALSE
-0,067	0,285	-0,001	0,012	0,027	FALSE
-0,013	0,274	-0,002	0,010	0,075	FALSE
-0,131	0,289	-0,005	0,013	0,148	FALSE
0,017	0,291	0,000	0,009	0,015	FALSE
-0,002	0,281	-0,001	0,010	0,026	FALSE
-0,148	0,261	-0,004	0,007	0,231	FALSE
-0,009	0,299	0,000	0,009	0,004	FALSE
-0,070	0,299	-0,003	0,015	0,085	FALSE
-0,113	0,287	-0,003	0,009	0,144	FALSE
-0,102	0,284	-0,003	0,009	0,136	FALSE
0,060	0,289	0,005	0,014	0,132	FALSE
0,186	0,282	0,004	0,008	0,189	FALSE
0,103	0,283	0,003	0,011	0,090	FALSE
0,124	0,278	0,005	0,010	0,225	FALSE
0,014	0,292	0,001	0,011	0,038	FALSE
0,193	0,291	0,008	0,016	0,220	FALSE
-0,097	0,285	-0,002	0,008	0,074	FALSE
0,214	0,282	0,005	0,008	0,304	FALSE
0,080	0,296	0,003	0,015	0,069	FALSE
0,097	0,289	0,004	0,015	0,113	FALSE
0,055	0,285	0,002	0,008	0,080	FALSE
0,050	0,293	0,003	0,014	0,079	FALSE
0,019	0,292	0,002	0,013	0,044	FALSE

0,094	0,289	0,004	0,013	0,112	FALSE
0,074	0,288	0,003	0,014	0,070	FALSE
-0,079	0,284	-0,003	0,009	0,115	FALSE
0,174	0,271	0,004	0,007	0,202	FALSE
-0,036	0,294	-0,002	0,015	0,042	FALSE
-0,148	0,273	-0,002	0,008	0,120	FALSE
-0,188	0,263	-0,007	0,013	0,228	FALSE
-0,036	0,290	0,000	0,008	0,006	FALSE
-0,050	0,272	-0,002	0,013	0,064	FALSE
-0,083	0,272	-0,003	0,014	0,092	FALSE
-0,112	0,290	-0,005	0,010	0,187	FALSE
-0,051	0,283	-0,002	0,014	0,045	FALSE
0,169	0,290	0,004	0,009	0,188	FALSE
0,098	0,284	0,004	0,014	0,115	FALSE
-0,044	0,276	-0,001	0,015	0,036	FALSE
-0,006	0,291	0,000	0,008	0,010	FALSE
-0,008	0,281	0,000	0,009	0,008	FALSE
-0,117	0,291	-0,006	0,015	0,154	FALSE
-0,189	0,278	-0,005	0,010	0,193	FALSE
0,017	0,267	0,001	0,009	0,027	FALSE
0,043	0,282	0,001	0,012	0,029	FALSE
0,088	0,292	0,002	0,008	0,074	FALSE
0,047	0,283	0,001	0,011	0,041	FALSE
-0,105	0,291	-0,006	0,014	0,188	FALSE
0,116	0,298	0,003	0,008	0,150	FALSE
0,126	0,293	0,003	0,008	0,155	FALSE
-0,145	0,290	-0,005	0,012	0,164	FALSE
0,033	0,285	0,000	0,014	0,001	FALSE
-0,008	0,282	-0,001	0,008	0,035	FALSE
0,083	0,294	0,002	0,008	0,079	FALSE
0,059	0,273	0,003	0,011	0,117	FALSE
0,026	0,286	-0,001	0,011	0,032	FALSE
0,012	0,291	0,002	0,011	0,050	FALSE
0,076	0,292	0,005	0,011	0,173	FALSE
0,062	0,294	0,001	0,012	0,026	FALSE
-0,135	0,286	-0,004	0,008	0,214	FALSE
-0,126	0,276	-0,006	0,012	0,217	FALSE
-0,083	0,284	-0,005	0,011	0,181	FALSE
-0,129	0,278	-0,003	0,009	0,131	FALSE
-0,099	0,285	-0,002	0,010	0,091	FALSE
0,028	0,292	0,000	0,008	0,002	FALSE
-0,080	0,267	-0,002	0,008	0,106	FALSE
-0,039	0,289	0,002	0,015	0,051	FALSE
-0,004	0,278	-0,003	0,012	0,102	FALSE
-0,186	0,280	-0,004	0,008	0,231	FALSE
-0,047	0,278	0,000	0,009	0,003	FALSE
-0,008	0,283	0,001	0,010	0,044	FALSE
-0,034	0,285	0,001	0,010	0,021	FALSE
-0,092	0,291	-0,005	0,012	0,171	FALSE
0,128	0,300	0,006	0,013	0,180	FALSE
0,079	0,279	0,002	0,008	0,077	FALSE
-0,170	0,279	-0,007	0,015	0,189	FALSE
-0,005	0,294	-0,003	0,014	0,090	FALSE

0,145	0,281	0,006	0,012	0,192	FALSE
0,007	0,283	0,000	0,008	0,022	FALSE
-0,004	0,292	0,003	0,012	0,086	FALSE
-0,006	0,292	-0,002	0,015	0,041	FALSE
-0,128	0,291	-0,004	0,008	0,207	FALSE
-0,059	0,285	-0,002	0,013	0,053	FALSE
-0,079	0,287	-0,002	0,008	0,095	FALSE
0,041	0,279	0,001	0,007	0,037	FALSE
-0,129	0,271	-0,007	0,015	0,199	FALSE
-0,136	0,271	-0,007	0,015	0,194	FALSE
0,142	0,277	0,007	0,015	0,198	FALSE
0,158	0,273	0,008	0,015	0,217	FALSE
0,179	0,274	0,009	0,015	0,263	FALSE
0,175	0,263	0,009	0,014	0,295	FALSE
0,167	0,267	0,009	0,015	0,264	FALSE
0,131	0,290	0,006	0,016	0,137	FALSE
-0,089	0,285	-0,004	0,012	0,141	FALSE
0,065	0,297	0,001	0,012	0,040	FALSE
0,088	0,291	0,002	0,012	0,066	FALSE
-0,150	0,288	-0,007	0,012	0,251	FALSE
0,118	0,294	0,005	0,012	0,175	FALSE
-0,007	0,272	-0,002	0,010	0,068	FALSE
-0,093	0,277	-0,004	0,014	0,112	FALSE
-0,125	0,275	-0,006	0,015	0,174	FALSE
0,168	0,266	0,006	0,013	0,196	FALSE
0,082	0,284	0,004	0,010	0,135	FALSE
0,176	0,276	0,006	0,014	0,175	FALSE
0,222	0,272	0,005	0,009	0,228	FALSE
0,025	0,280	0,001	0,014	0,028	FALSE
0,096	0,289	0,002	0,008	0,100	FALSE
0,007	0,302	-0,001	0,009	0,039	FALSE
0,108	0,303	0,003	0,010	0,115	FALSE
-0,160	0,279	-0,005	0,008	0,226	FALSE
-0,097	0,268	-0,003	0,010	0,114	FALSE
0,023	0,298	0,001	0,009	0,033	FALSE
0,105	0,295	0,003	0,008	0,129	FALSE
-0,200	0,295	-0,006	0,009	0,266	FALSE
-0,077	0,306	-0,001	0,008	0,048	FALSE
-0,083	0,300	-0,002	0,015	0,040	FALSE
-0,030	0,292	0,000	0,009	0,006	FALSE
0,022	0,279	0,000	0,011	0,011	FALSE
-0,150	0,288	-0,003	0,007	0,197	FALSE
0,035	0,286	0,001	0,009	0,020	FALSE
0,069	0,279	0,003	0,010	0,122	FALSE
-0,099	0,276	-0,003	0,010	0,111	FALSE
-0,031	0,271	0,001	0,012	0,030	FALSE
0,076	0,276	0,000	0,014	0,007	FALSE
0,065	0,290	0,000	0,014	0,002	FALSE
0,079	0,282	0,002	0,013	0,052	FALSE
0,060	0,291	0,000	0,014	0,008	FALSE
-0,004	0,294	0,001	0,009	0,047	FALSE
-0,073	0,287	-0,002	0,011	0,057	FALSE
-0,056	0,268	-0,002	0,007	0,119	FALSE

0,036	0,279	0,003	0,013	0,075	FALSE
-0,109	0,282	-0,003	0,010	0,145	FALSE
-0,040	0,290	-0,002	0,008	0,080	FALSE
-0,070	0,269	-0,003	0,013	0,102	FALSE
0,060	0,283	0,000	0,014	0,003	FALSE
0,012	0,295	0,000	0,014	0,001	FALSE
0,048	0,300	0,000	0,014	0,009	FALSE
-0,068	0,283	-0,002	0,007	0,088	FALSE
-0,222	0,285	-0,006	0,008	0,321	FALSE
0,061	0,287	0,001	0,009	0,023	FALSE
-0,038	0,287	-0,001	0,009	0,037	FALSE
0,070	0,285	0,001	0,009	0,053	FALSE
0,098	0,279	0,002	0,008	0,099	FALSE
-0,017	0,287	0,000	0,008	0,014	FALSE
0,016	0,289	0,002	0,009	0,076	FALSE
-0,159	0,278	-0,003	0,007	0,171	FALSE
0,036	0,288	0,004	0,015	0,101	FALSE
-0,025	0,274	-0,002	0,008	0,102	FALSE
0,053	0,292	0,003	0,013	0,092	FALSE
-0,075	0,276	-0,003	0,009	0,135	FALSE
0,086	0,292	0,002	0,008	0,095	FALSE
0,099	0,295	0,004	0,015	0,092	FALSE
-0,091	0,280	-0,004	0,009	0,148	FALSE
0,118	0,297	0,004	0,008	0,175	FALSE
0,111	0,269	0,006	0,013	0,185	FALSE
0,021	0,285	0,000	0,015	0,000	FALSE
0,102	0,289	0,002	0,011	0,082	FALSE
-0,147	0,273	-0,005	0,011	0,197	FALSE
0,155	0,284	0,004	0,009	0,168	FALSE
0,005	0,277	0,001	0,010	0,041	FALSE
-0,110	0,281	-0,005	0,014	0,127	FALSE
-0,173	0,283	-0,007	0,015	0,208	FALSE
-0,152	0,278	-0,006	0,015	0,151	FALSE
0,137	0,282	0,004	0,010	0,172	FALSE
0,062	0,289	0,003	0,009	0,123	FALSE
-0,078	0,276	-0,002	0,009	0,101	FALSE
-0,053	0,295	-0,001	0,014	0,022	FALSE
-0,142	0,275	-0,005	0,012	0,162	FALSE
-0,145	0,278	-0,004	0,012	0,138	FALSE
-0,120	0,280	-0,004	0,011	0,146	FALSE
-0,171	0,283	-0,004	0,008	0,199	FALSE
-0,011	0,292	0,000	0,009	0,000	FALSE
-0,176	0,282	-0,007	0,014	0,215	FALSE
0,017	0,295	0,000	0,008	0,004	FALSE
-0,009	0,285	0,003	0,015	0,081	FALSE
0,049	0,275	0,000	0,009	0,016	FALSE
-0,037	0,288	-0,002	0,010	0,067	FALSE
-0,059	0,290	-0,002	0,014	0,041	FALSE
-0,035	0,281	-0,001	0,010	0,057	FALSE
-0,004	0,275	0,000	0,010	0,003	FALSE
0,082	0,280	0,002	0,009	0,083	FALSE
0,131	0,290	0,004	0,013	0,111	FALSE
-0,045	0,289	-0,001	0,010	0,026	FALSE

0,039	0,292	0,000	0,008	0,009	FALSE
0,084	0,289	0,003	0,011	0,102	FALSE
0,020	0,284	0,003	0,015	0,088	FALSE
-0,183	0,282	-0,009	0,014	0,287	FALSE
-0,142	0,294	-0,007	0,015	0,182	FALSE
0,140	0,290	0,005	0,015	0,122	FALSE
0,084	0,283	0,004	0,008	0,208	FALSE
0,045	0,280	0,003	0,009	0,114	FALSE
0,208	0,283	0,006	0,008	0,332	FALSE
-0,117	0,279	-0,005	0,010	0,191	FALSE
-0,014	0,298	0,000	0,013	0,006	FALSE
0,007	0,300	0,001	0,013	0,017	FALSE
0,027	0,287	0,002	0,011	0,057	FALSE
0,045	0,281	0,002	0,012	0,057	FALSE
0,029	0,297	0,001	0,013	0,041	FALSE
0,006	0,284	0,003	0,013	0,091	FALSE
0,012	0,291	0,003	0,013	0,074	FALSE
-0,023	0,290	0,001	0,013	0,030	FALSE
-0,012	0,291	0,002	0,013	0,053	FALSE
0,046	0,279	0,001	0,008	0,037	FALSE
0,017	0,290	0,003	0,014	0,094	FALSE
-0,014	0,289	0,001	0,012	0,038	FALSE
-0,025	0,283	0,001	0,013	0,018	FALSE
0,073	0,290	0,004	0,013	0,112	FALSE
-0,039	0,301	0,000	0,007	0,017	FALSE
0,100	0,295	0,002	0,010	0,093	FALSE
0,171	0,281	0,004	0,007	0,205	FALSE
0,183	0,285	0,004	0,008	0,245	FALSE
0,185	0,291	0,004	0,007	0,236	FALSE
0,145	0,299	0,004	0,008	0,178	FALSE
0,178	0,276	0,004	0,008	0,241	FALSE
0,050	0,301	0,001	0,012	0,017	FALSE
-0,012	0,285	0,000	0,009	0,006	FALSE
0,109	0,269	0,003	0,011	0,089	FALSE
0,041	0,278	0,000	0,009	0,009	FALSE
0,291	0,263	0,012	0,013	0,477	FALSE
0,052	0,281	0,001	0,013	0,028	FALSE
0,013	0,279	0,000	0,013	0,001	FALSE
0,056	0,288	0,001	0,007	0,055	FALSE
-0,109	0,290	-0,003	0,011	0,123	FALSE
0,046	0,294	0,004	0,012	0,128	FALSE
0,050	0,274	0,000	0,014	0,001	FALSE
0,045	0,303	0,002	0,009	0,079	FALSE
0,040	0,274	0,000	0,009	0,018	FALSE
0,187	0,288	0,011	0,015	0,319	FALSE
0,016	0,277	0,002	0,010	0,082	FALSE
-0,247	0,264	-0,008	0,014	0,231	FALSE
-0,040	0,301	-0,002	0,013	0,063	FALSE
-0,047	0,271	-0,001	0,011	0,050	FALSE
-0,004	0,288	0,000	0,012	0,004	FALSE
-0,086	0,275	-0,003	0,015	0,086	FALSE
0,042	0,285	0,002	0,013	0,070	FALSE
0,013	0,288	0,000	0,011	0,001	FALSE

-0,001	0,287	0,000	0,009	0,011	FALSE
0,158	0,283	0,006	0,015	0,177	TRUE
0,044	0,287	0,000	0,010	0,016	FALSE
0,051	0,283	0,001	0,008	0,042	FALSE
0,051	0,296	0,002	0,008	0,072	FALSE
0,000	0,290	0,002	0,010	0,074	FALSE
-0,023	0,278	-0,001	0,014	0,025	FALSE
-0,065	0,280	-0,002	0,008	0,096	FALSE
-0,133	0,289	-0,004	0,014	0,108	FALSE
-0,221	0,269	-0,009	0,014	0,288	FALSE
0,118	0,266	0,001	0,011	0,049	FALSE
-0,057	0,285	0,000	0,008	0,019	FALSE
-0,071	0,281	-0,004	0,015	0,094	FALSE
0,028	0,301	0,001	0,014	0,013	FALSE
0,040	0,281	0,001	0,008	0,065	FALSE
0,004	0,281	-0,002	0,013	0,059	FALSE
-0,065	0,280	-0,003	0,009	0,113	FALSE
0,075	0,282	0,005	0,011	0,210	FALSE
-0,179	0,283	-0,005	0,013	0,157	FALSE
0,064	0,293	0,001	0,013	0,036	FALSE
-0,091	0,285	-0,001	0,012	0,021	FALSE
-0,086	0,280	-0,002	0,008	0,122	FALSE
-0,170	0,267	-0,008	0,010	0,345	FALSE
0,083	0,291	0,004	0,014	0,103	FALSE
0,033	0,277	0,000	0,013	0,005	FALSE
-0,110	0,283	-0,002	0,008	0,084	FALSE
0,062	0,290	0,006	0,014	0,177	FALSE
0,062	0,287	0,002	0,010	0,090	FALSE
-0,039	0,284	-0,002	0,014	0,051	FALSE
0,076	0,262	0,004	0,015	0,111	FALSE
-0,160	0,283	-0,004	0,008	0,183	FALSE
0,016	0,297	0,002	0,008	0,074	FALSE
-0,167	0,276	-0,005	0,015	0,121	FALSE
-0,044	0,296	-0,004	0,010	0,148	FALSE
0,102	0,285	0,002	0,008	0,124	FALSE
-0,198	0,271	-0,011	0,013	0,440	FALSE
-0,166	0,276	-0,003	0,008	0,170	FALSE
0,107	0,302	0,003	0,009	0,146	FALSE
0,109	0,302	0,005	0,014	0,140	FALSE
0,083	0,307	0,003	0,014	0,083	FALSE
-0,061	0,272	-0,004	0,010	0,154	FALSE
0,126	0,274	0,005	0,012	0,170	FALSE
0,164	0,296	0,008	0,015	0,235	FALSE
0,158	0,287	0,007	0,015	0,218	FALSE
-0,011	0,282	-0,001	0,008	0,050	FALSE
0,044	0,297	0,001	0,008	0,053	FALSE
0,092	0,282	0,001	0,008	0,039	FALSE
-0,028	0,281	-0,002	0,011	0,054	FALSE
0,002	0,303	0,000	0,015	0,007	FALSE
-0,085	0,283	-0,002	0,009	0,087	FALSE
-0,093	0,295	-0,003	0,014	0,089	FALSE
0,051	0,284	0,006	0,015	0,175	FALSE
-0,046	0,276	-0,005	0,014	0,130	FALSE

-0,082	0,286	-0,003	0,010	0,100	FALSE
0,086	0,288	0,001	0,012	0,040	FALSE
0,062	0,289	0,001	0,009	0,038	FALSE
0,095	0,290	0,003	0,011	0,089	FALSE
0,124	0,281	0,002	0,009	0,096	FALSE
0,027	0,288	0,000	0,011	0,003	FALSE
0,089	0,296	0,002	0,011	0,082	FALSE
0,046	0,301	0,001	0,011	0,029	FALSE
0,017	0,276	-0,001	0,011	0,032	FALSE
0,048	0,291	0,002	0,007	0,119	FALSE
0,063	0,286	0,000	0,014	0,001	FALSE
0,026	0,286	0,002	0,014	0,055	FALSE
0,121	0,306	0,003	0,009	0,165	FALSE
0,054	0,263	0,004	0,014	0,123	FALSE
0,001	0,283	-0,002	0,009	0,093	FALSE
-0,131	0,286	-0,003	0,008	0,150	FALSE
0,005	0,290	-0,003	0,011	0,103	FALSE
-0,101	0,284	-0,002	0,009	0,104	FALSE
0,125	0,268	0,007	0,014	0,197	FALSE
-0,092	0,268	-0,007	0,011	0,251	FALSE
-0,113	0,291	-0,006	0,011	0,265	FALSE
-0,052	0,289	-0,002	0,007	0,076	FALSE
-0,047	0,281	0,000	0,011	0,001	FALSE
0,105	0,297	0,005	0,015	0,127	FALSE
0,047	0,291	0,000	0,008	0,021	FALSE
-0,002	0,288	0,001	0,009	0,025	FALSE
0,009	0,295	-0,001	0,008	0,025	FALSE
0,179	0,274	0,004	0,008	0,233	FALSE
0,123	0,294	0,004	0,011	0,145	FALSE
-0,041	0,288	-0,002	0,011	0,048	FALSE
-0,157	0,289	-0,004	0,010	0,163	FALSE
0,066	0,289	0,002	0,012	0,068	FALSE
0,143	0,286	0,002	0,008	0,115	FALSE
-0,076	0,285	-0,002	0,008	0,083	FALSE
0,018	0,293	0,001	0,015	0,021	FALSE
0,028	0,291	0,001	0,014	0,026	FALSE
0,076	0,298	0,003	0,010	0,120	FALSE
-0,055	0,286	-0,001	0,009	0,039	FALSE
0,039	0,282	0,004	0,013	0,131	FALSE
-0,031	0,282	-0,001	0,008	0,059	FALSE
-0,202	0,259	-0,010	0,013	0,365	FALSE
-0,170	0,295	-0,009	0,014	0,305	FALSE
0,007	0,285	0,001	0,013	0,020	FALSE
0,009	0,289	0,001	0,013	0,039	FALSE
0,055	0,278	0,001	0,009	0,054	FALSE
0,006	0,273	0,000	0,007	0,006	FALSE
-0,103	0,300	-0,003	0,008	0,133	FALSE
0,196	0,283	0,004	0,007	0,216	FALSE
0,118	0,295	0,004	0,009	0,177	FALSE
-0,064	0,283	-0,004	0,014	0,098	FALSE
-0,106	0,289	-0,003	0,009	0,136	FALSE
-0,137	0,288	-0,004	0,008	0,197	FALSE
-0,141	0,276	-0,003	0,007	0,181	FALSE

-0,141	0,278	-0,004	0,011	0,167	FALSE
-0,013	0,277	0,000	0,014	0,010	FALSE
0,150	0,280	0,007	0,010	0,345	FALSE
0,039	0,291	-0,001	0,012	0,018	FALSE
0,037	0,288	0,003	0,012	0,104	FALSE
0,009	0,277	0,001	0,009	0,024	FALSE
-0,040	0,289	-0,002	0,009	0,074	FALSE
-0,025	0,270	-0,002	0,011	0,053	FALSE
-0,011	0,301	-0,001	0,009	0,039	FALSE
-0,033	0,291	0,000	0,013	0,007	FALSE
-0,132	0,292	-0,002	0,009	0,096	FALSE
-0,083	0,293	-0,002	0,010	0,095	FALSE
0,128	0,282	0,003	0,010	0,104	FALSE
0,091	0,306	0,003	0,008	0,139	FALSE
-0,018	0,287	-0,001	0,009	0,051	FALSE
0,044	0,281	0,002	0,012	0,077	FALSE
0,045	0,284	0,003	0,011	0,098	FALSE
-0,100	0,285	-0,004	0,011	0,140	FALSE
-0,004	0,287	-0,002	0,014	0,051	FALSE
-0,043	0,289	0,001	0,010	0,031	FALSE
-0,123	0,277	-0,002	0,011	0,078	FALSE
-0,095	0,276	-0,001	0,011	0,038	FALSE
0,067	0,289	0,003	0,015	0,077	FALSE
0,109	0,263	0,003	0,010	0,102	FALSE
-0,106	0,280	-0,001	0,011	0,046	FALSE
0,042	0,303	0,002	0,010	0,087	FALSE
0,095	0,286	0,002	0,009	0,073	FALSE
0,055	0,293	0,003	0,013	0,094	FALSE
-0,043	0,268	-0,002	0,014	0,060	FALSE
-0,050	0,284	-0,003	0,009	0,110	FALSE
-0,071	0,287	-0,002	0,008	0,096	FALSE
0,025	0,279	0,002	0,012	0,062	FALSE
-0,114	0,288	-0,003	0,009	0,114	FALSE
-0,005	0,284	0,001	0,013	0,019	FALSE
0,083	0,271	0,000	0,011	0,012	FALSE
0,104	0,282	0,000	0,009	0,007	FALSE
-0,177	0,288	-0,003	0,008	0,172	FALSE
0,013	0,282	0,000	0,007	0,003	FALSE
0,002	0,292	0,000	0,016	0,005	FALSE
0,195	0,274	0,010	0,011	0,467	FALSE
0,094	0,289	0,004	0,009	0,152	FALSE
0,097	0,289	0,003	0,007	0,156	FALSE
-0,001	0,286	-0,002	0,012	0,062	FALSE
0,087	0,283	0,005	0,009	0,217	FALSE
-0,039	0,286	0,000	0,008	0,013	FALSE
-0,107	0,276	-0,002	0,009	0,104	FALSE
0,042	0,266	0,001	0,009	0,027	FALSE
-0,090	0,292	-0,002	0,008	0,096	FALSE
-0,091	0,275	-0,005	0,010	0,227	FALSE
-0,124	0,276	-0,003	0,011	0,107	FALSE
-0,140	0,281	-0,009	0,015	0,266	FALSE
0,139	0,279	0,003	0,008	0,169	FALSE
-0,103	0,274	-0,007	0,015	0,186	FALSE

0,104	0,275	0,007	0,015	0,200	FALSE
-0,192	0,282	-0,004	0,008	0,227	FALSE
-0,160	0,276	-0,004	0,007	0,225	FALSE
0,198	0,274	0,006	0,009	0,263	FALSE
-0,202	0,273	-0,005	0,008	0,257	FALSE
-0,258	0,275	-0,012	0,014	0,397	FALSE
0,055	0,287	0,000	0,011	0,009	FALSE
-0,056	0,283	-0,005	0,014	0,130	FALSE
0,006	0,285	0,000	0,008	0,021	FALSE
-0,088	0,288	0,000	0,010	0,010	FALSE
-0,057	0,292	-0,001	0,008	0,055	FALSE
-0,152	0,286	-0,004	0,008	0,221	FALSE
0,027	0,282	0,001	0,007	0,045	FALSE
0,009	0,289	-0,001	0,015	0,028	FALSE
-0,003	0,296	-0,001	0,012	0,024	FALSE
0,005	0,275	-0,002	0,014	0,049	FALSE
-0,052	0,288	-0,003	0,009	0,112	FALSE
0,066	0,266	0,001	0,007	0,051	FALSE
0,061	0,281	0,001	0,008	0,043	FALSE
0,052	0,273	0,001	0,007	0,030	FALSE
0,101	0,294	0,005	0,015	0,138	FALSE
-0,035	0,274	-0,001	0,015	0,036	FALSE
0,084	0,289	0,002	0,013	0,057	FALSE
-0,092	0,277	-0,003	0,010	0,102	FALSE
-0,072	0,286	-0,002	0,010	0,078	FALSE
-0,009	0,276	0,000	0,008	0,013	FALSE
0,017	0,293	0,002	0,008	0,113	FALSE
0,120	0,286	0,001	0,008	0,051	FALSE
0,161	0,291	0,008	0,014	0,232	FALSE
0,077	0,279	0,005	0,013	0,150	FALSE
0,002	0,290	0,001	0,014	0,026	FALSE
-0,068	0,276	0,000	0,014	0,001	FALSE
-0,046	0,274	-0,001	0,014	0,026	FALSE
-0,017	0,265	-0,003	0,009	0,151	FALSE
-0,052	0,272	-0,001	0,009	0,034	FALSE
-0,048	0,281	-0,002	0,007	0,116	FALSE
0,136	0,283	0,006	0,015	0,166	FALSE
0,028	0,288	0,001	0,009	0,021	FALSE
0,007	0,284	0,001	0,008	0,049	FALSE
-0,024	0,276	0,000	0,008	0,010	FALSE
-0,170	0,286	-0,003	0,007	0,155	FALSE
0,127	0,290	0,007	0,015	0,213	FALSE
-0,192	0,285	-0,009	0,013	0,282	FALSE
0,040	0,293	0,001	0,010	0,049	FALSE
-0,042	0,292	0,000	0,011	0,014	FALSE
-0,013	0,310	0,002	0,012	0,046	FALSE
-0,071	0,275	-0,002	0,009	0,068	FALSE
-0,010	0,284	0,002	0,008	0,083	FALSE
0,009	0,280	0,002	0,008	0,084	FALSE
-0,086	0,303	-0,002	0,008	0,075	FALSE
-0,112	0,300	-0,006	0,012	0,211	FALSE
0,035	0,285	0,001	0,009	0,023	FALSE
0,128	0,276	0,003	0,015	0,068	FALSE

-0,084	0,291	-0,002	0,012	0,056	FALSE
-0,036	0,275	-0,001	0,014	0,034	FALSE
-0,078	0,301	-0,001	0,008	0,033	FALSE
-0,265	0,265	-0,007	0,008	0,404	FALSE
0,060	0,281	0,003	0,010	0,110	FALSE
-0,014	0,289	0,002	0,013	0,060	FALSE
-0,037	0,277	-0,003	0,013	0,074	FALSE
-0,041	0,285	0,000	0,007	0,023	FALSE
0,088	0,279	0,001	0,009	0,029	FALSE
-0,121	0,286	-0,004	0,009	0,196	FALSE
0,057	0,290	0,004	0,013	0,124	FALSE
-0,023	0,289	-0,003	0,011	0,100	FALSE
-0,090	0,295	-0,007	0,016	0,181	FALSE
-0,038	0,275	-0,001	0,011	0,017	FALSE
0,054	0,298	0,002	0,008	0,106	FALSE
0,085	0,277	0,004	0,015	0,091	FALSE
-0,222	0,280	-0,006	0,011	0,226	FALSE
0,049	0,283	0,003	0,011	0,107	FALSE
0,172	0,273	0,008	0,014	0,241	FALSE
0,004	0,294	-0,001	0,008	0,064	FALSE
-0,096	0,285	-0,003	0,009	0,127	FALSE
-0,043	0,268	-0,003	0,015	0,082	FALSE
-0,115	0,278	-0,003	0,011	0,118	FALSE
-0,059	0,288	-0,002	0,012	0,048	FALSE
0,048	0,289	-0,001	0,012	0,017	FALSE
-0,007	0,294	0,000	0,009	0,000	FALSE
0,142	0,282	0,004	0,008	0,186	FALSE
0,039	0,296	0,002	0,015	0,048	FALSE
0,058	0,293	0,001	0,013	0,026	FALSE
0,076	0,281	0,002	0,013	0,068	FALSE
0,053	0,302	0,002	0,013	0,043	FALSE
0,027	0,284	0,000	0,009	0,011	FALSE
0,051	0,293	0,003	0,009	0,107	FALSE
-0,034	0,288	-0,002	0,008	0,108	FALSE
0,033	0,288	-0,001	0,014	0,018	FALSE
0,056	0,284	0,001	0,009	0,057	FALSE
0,028	0,298	0,000	0,013	0,005	FALSE
0,083	0,289	0,002	0,009	0,097	FALSE
-0,003	0,297	0,000	0,012	0,005	FALSE
0,051	0,291	0,003	0,010	0,131	FALSE
-0,158	0,289	-0,006	0,013	0,185	FALSE
0,011	0,278	0,003	0,014	0,075	FALSE
-0,194	0,281	-0,007	0,012	0,233	FALSE
0,121	0,295	0,003	0,010	0,105	FALSE
0,037	0,282	0,000	0,009	0,012	FALSE
-0,017	0,272	-0,001	0,008	0,038	FALSE
0,023	0,280	0,002	0,009	0,080	FALSE
-0,060	0,277	-0,002	0,014	0,049	FALSE
-0,081	0,285	-0,002	0,008	0,109	FALSE
-0,002	0,294	-0,001	0,015	0,012	FALSE
-0,008	0,298	0,000	0,008	0,010	FALSE
-0,001	0,293	0,001	0,015	0,024	FALSE
-0,039	0,281	-0,002	0,012	0,065	FALSE

0,058	0,280	0,001	0,010	0,029	FALSE
0,085	0,291	0,002	0,008	0,099	FALSE
-0,062	0,285	0,000	0,012	0,009	FALSE
0,108	0,272	0,002	0,008	0,106	FALSE
0,097	0,276	0,001	0,008	0,062	FALSE
-0,104	0,294	-0,002	0,010	0,077	FALSE
-0,073	0,278	-0,002	0,011	0,071	FALSE
-0,074	0,280	-0,002	0,011	0,077	FALSE
0,076	0,270	0,004	0,011	0,151	FALSE
-0,163	0,285	-0,009	0,014	0,296	FALSE
0,072	0,271	0,003	0,007	0,147	FALSE
0,224	0,282	0,007	0,011	0,302	FALSE
-0,042	0,291	-0,001	0,011	0,023	FALSE
0,063	0,294	0,002	0,014	0,050	FALSE
0,057	0,292	0,001	0,015	0,027	FALSE
0,052	0,302	0,004	0,014	0,119	FALSE
0,038	0,288	0,000	0,008	0,014	FALSE
-0,084	0,293	-0,001	0,008	0,058	FALSE
0,031	0,294	0,001	0,013	0,039	FALSE
0,002	0,277	0,000	0,013	0,010	FALSE
-0,017	0,281	0,002	0,007	0,076	FALSE
0,127	0,297	0,002	0,010	0,057	FALSE
-0,066	0,275	-0,002	0,014	0,042	FALSE
-0,101	0,275	-0,003	0,009	0,124	FALSE
0,023	0,299	0,004	0,014	0,110	FALSE
-0,212	0,278	-0,005	0,008	0,284	FALSE
0,066	0,296	0,004	0,013	0,121	FALSE
0,000	0,283	0,001	0,011	0,034	FALSE
0,071	0,289	0,004	0,014	0,097	FALSE
0,050	0,289	0,000	0,009	0,006	FALSE
0,027	0,288	-0,001	0,011	0,030	FALSE
-0,026	0,301	-0,001	0,010	0,021	FALSE
0,108	0,292	0,004	0,013	0,126	FALSE
-0,056	0,289	-0,002	0,013	0,049	FALSE
-0,015	0,277	-0,003	0,010	0,101	FALSE
0,055	0,294	0,003	0,013	0,093	FALSE
0,084	0,286	0,002	0,013	0,049	FALSE
0,064	0,298	0,002	0,014	0,053	FALSE
0,094	0,291	0,004	0,013	0,103	FALSE
0,128	0,289	0,004	0,013	0,130	FALSE
-0,037	0,289	-0,001	0,008	0,047	FALSE
-0,075	0,292	0,000	0,008	0,002	FALSE
0,049	0,299	0,003	0,013	0,080	FALSE
0,216	0,274	0,007	0,014	0,196	FALSE
0,049	0,291	0,003	0,011	0,091	FALSE
0,035	0,277	0,002	0,011	0,074	FALSE
0,077	0,295	0,003	0,015	0,067	FALSE
-0,164	0,281	-0,005	0,012	0,181	FALSE
-0,175	0,284	-0,005	0,010	0,201	FALSE
-0,019	0,288	-0,001	0,010	0,021	FALSE
0,116	0,288	0,004	0,009	0,169	FALSE
-0,142	0,289	-0,006	0,013	0,185	FALSE
-0,090	0,289	-0,001	0,008	0,056	FALSE

-0,085	0,273	0,000	0,013	0,011	FALSE
-0,087	0,286	-0,002	0,010	0,074	FALSE
-0,199	0,284	-0,008	0,010	0,350	FALSE
0,114	0,278	0,004	0,010	0,186	FALSE
-0,041	0,291	0,001	0,009	0,029	FALSE
-0,052	0,290	0,000	0,015	0,009	FALSE
0,151	0,295	0,009	0,014	0,271	FALSE
-0,221	0,270	-0,007	0,012	0,258	FALSE
-0,123	0,274	-0,005	0,010	0,194	FALSE
0,056	0,285	0,002	0,014	0,047	FALSE
0,030	0,281	0,004	0,014	0,120	FALSE
0,008	0,303	0,001	0,008	0,052	FALSE
-0,080	0,274	-0,002	0,009	0,092	FALSE
0,038	0,298	0,002	0,008	0,093	FALSE
0,173	0,286	0,010	0,014	0,335	FALSE
0,125	0,288	0,003	0,008	0,153	FALSE
0,120	0,288	0,003	0,009	0,118	FALSE
0,137	0,276	0,007	0,012	0,237	FALSE
-0,072	0,292	-0,003	0,009	0,120	FALSE
0,059	0,286	0,001	0,008	0,046	FALSE
-0,065	0,272	-0,002	0,007	0,123	FALSE
-0,072	0,286	-0,003	0,013	0,089	FALSE
0,136	0,292	0,007	0,013	0,224	FALSE
0,094	0,280	0,005	0,013	0,156	FALSE
-0,073	0,283	-0,005	0,013	0,136	FALSE
-0,042	0,289	-0,001	0,008	0,042	FALSE
-0,071	0,293	-0,003	0,012	0,108	FALSE
0,103	0,286	0,003	0,007	0,139	FALSE
0,096	0,285	0,003	0,013	0,091	FALSE
0,058	0,287	0,001	0,012	0,034	FALSE
-0,013	0,295	0,001	0,007	0,054	FALSE
0,113	0,295	0,003	0,008	0,141	FALSE
-0,141	0,279	-0,003	0,010	0,142	FALSE
-0,070	0,278	-0,004	0,014	0,105	FALSE
0,173	0,283	0,004	0,007	0,239	FALSE
-0,213	0,283	-0,004	0,008	0,207	FALSE
-0,269	0,261	-0,011	0,015	0,353	FALSE
0,123	0,296	0,006	0,011	0,212	FALSE
0,085	0,279	0,003	0,012	0,094	FALSE
0,193	0,283	0,006	0,009	0,290	FALSE
0,164	0,280	0,006	0,010	0,243	FALSE
-0,228	0,270	-0,006	0,009	0,304	FALSE
0,138	0,296	0,003	0,010	0,130	FALSE
-0,149	0,279	-0,003	0,008	0,130	FALSE
0,013	0,303	0,000	0,009	0,011	FALSE
-0,085	0,292	-0,003	0,009	0,154	FALSE
0,017	0,284	0,002	0,015	0,060	FALSE
0,018	0,291	0,002	0,009	0,070	FALSE
0,015	0,278	0,002	0,013	0,047	FALSE
0,070	0,277	0,002	0,009	0,093	FALSE
-0,131	0,285	-0,002	0,011	0,061	FALSE
-0,020	0,287	0,001	0,010	0,051	FALSE
-0,109	0,279	-0,002	0,008	0,118	FALSE

-0,009	0,294	-0,001	0,015	0,033	FALSE
-0,114	0,286	-0,003	0,008	0,117	FALSE
0,069	0,283	0,003	0,011	0,116	FALSE
0,072	0,306	0,001	0,008	0,055	FALSE
-0,115	0,296	-0,003	0,007	0,168	FALSE
0,055	0,267	-0,001	0,009	0,019	FALSE
-0,283	0,272	-0,008	0,008	0,440	FALSE
-0,084	0,292	-0,004	0,015	0,094	FALSE
-0,084	0,286	-0,003	0,010	0,124	FALSE
-0,054	0,272	-0,002	0,008	0,111	FALSE
0,042	0,271	0,003	0,011	0,117	FALSE
0,041	0,278	0,001	0,009	0,064	FALSE
0,011	0,285	-0,001	0,011	0,021	FALSE
-0,039	0,290	-0,001	0,007	0,046	FALSE
-0,080	0,279	-0,004	0,014	0,109	FALSE
-0,061	0,295	-0,003	0,011	0,084	FALSE
-0,130	0,276	-0,003	0,009	0,150	FALSE
-0,092	0,286	-0,002	0,014	0,050	FALSE
0,017	0,280	0,000	0,008	0,000	FALSE
-0,129	0,270	-0,004	0,007	0,244	FALSE
-0,124	0,284	-0,005	0,009	0,227	FALSE
0,061	0,295	0,001	0,008	0,056	FALSE
-0,019	0,290	-0,001	0,009	0,029	FALSE
-0,022	0,280	-0,001	0,009	0,026	FALSE
0,073	0,277	0,002	0,008	0,106	FALSE
-0,040	0,277	0,000	0,008	0,013	FALSE
0,134	0,284	0,004	0,008	0,201	FALSE
-0,065	0,285	-0,002	0,014	0,060	FALSE
0,030	0,295	0,000	0,008	0,016	FALSE
-0,210	0,270	-0,005	0,009	0,232	FALSE
-0,124	0,278	-0,002	0,008	0,084	FALSE
-0,126	0,289	-0,002	0,008	0,081	FALSE
0,011	0,277	-0,001	0,011	0,025	FALSE
0,025	0,279	0,001	0,008	0,029	FALSE
-0,104	0,283	-0,002	0,009	0,073	FALSE
-0,092	0,286	-0,006	0,015	0,172	FALSE
-0,056	0,297	0,001	0,011	0,029	FALSE
-0,070	0,275	-0,002	0,014	0,055	FALSE
-0,097	0,284	-0,003	0,012	0,100	FALSE
-0,262	0,268	-0,011	0,014	0,357	FALSE
-0,099	0,289	-0,002	0,009	0,104	FALSE
-0,010	0,285	0,000	0,008	0,009	FALSE
0,049	0,279	-0,001	0,009	0,026	FALSE
0,042	0,302	0,001	0,014	0,028	FALSE
0,042	0,276	0,002	0,012	0,054	FALSE
0,008	0,298	0,000	0,013	0,007	FALSE
0,078	0,274	0,003	0,009	0,116	FALSE
-0,035	0,290	0,000	0,009	0,000	FALSE
0,061	0,298	0,001	0,008	0,045	FALSE
0,011	0,283	0,001	0,009	0,052	FALSE
0,053	0,289	0,000	0,008	0,003	FALSE
0,005	0,281	-0,001	0,008	0,049	FALSE
0,041	0,295	0,002	0,009	0,096	FALSE

0,155	0,279	0,008	0,015	0,215	FALSE
0,062	0,291	0,002	0,008	0,092	FALSE
0,033	0,292	0,000	0,009	0,017	FALSE
0,042	0,291	0,002	0,010	0,093	FALSE
-0,050	0,283	-0,001	0,008	0,024	FALSE
-0,067	0,282	-0,001	0,007	0,068	FALSE
0,170	0,282	0,007	0,011	0,265	FALSE
0,003	0,284	0,001	0,008	0,030	FALSE
0,089	0,287	0,003	0,008	0,135	FALSE
0,112	0,302	0,003	0,008	0,142	FALSE
-0,081	0,290	-0,002	0,013	0,045	FALSE
-0,130	0,284	-0,004	0,011	0,126	FALSE
-0,039	0,292	-0,001	0,009	0,046	FALSE
-0,059	0,290	-0,001	0,008	0,055	FALSE
-0,084	0,284	-0,002	0,009	0,096	FALSE
-0,075	0,285	-0,001	0,007	0,067	FALSE
-0,092	0,293	-0,002	0,008	0,085	FALSE
-0,019	0,292	0,000	0,014	0,011	FALSE
-0,011	0,289	0,001	0,010	0,031	FALSE
-0,210	0,290	-0,005	0,008	0,272	FALSE
-0,119	0,283	-0,002	0,007	0,114	FALSE
-0,071	0,290	-0,001	0,008	0,060	FALSE
0,142	0,279	0,005	0,014	0,133	FALSE
0,057	0,284	0,003	0,016	0,061	FALSE
-0,004	0,268	-0,003	0,012	0,089	FALSE
-0,023	0,286	0,000	0,014	0,003	FALSE
0,015	0,278	0,000	0,008	0,011	FALSE
-0,038	0,294	-0,001	0,011	0,025	FALSE
-0,131	0,270	-0,006	0,014	0,165	FALSE
-0,160	0,281	-0,007	0,015	0,198	FALSE
0,036	0,286	0,002	0,009	0,069	FALSE
0,040	0,303	0,001	0,007	0,047	FALSE
0,054	0,287	0,001	0,010	0,043	FALSE
0,040	0,283	0,001	0,008	0,052	FALSE
0,067	0,288	0,002	0,008	0,091	FALSE
0,030	0,296	0,001	0,012	0,025	FALSE
-0,026	0,288	0,000	0,008	0,012	FALSE
-0,051	0,279	-0,001	0,007	0,062	FALSE
-0,101	0,290	-0,003	0,014	0,076	FALSE
0,018	0,290	-0,001	0,011	0,039	FALSE
0,064	0,294	0,002	0,009	0,082	FALSE
0,037	0,273	0,000	0,007	0,016	FALSE
0,108	0,308	0,002	0,011	0,071	FALSE
0,090	0,303	0,003	0,010	0,094	FALSE
0,079	0,284	0,000	0,010	0,009	FALSE
-0,016	0,301	0,000	0,008	0,020	FALSE
0,113	0,283	0,003	0,010	0,109	FALSE
0,036	0,293	0,000	0,008	0,011	FALSE
0,045	0,287	0,000	0,009	0,004	FALSE
0,003	0,287	-0,001	0,015	0,015	FALSE
0,123	0,287	0,003	0,009	0,135	FALSE
0,076	0,298	0,005	0,015	0,126	FALSE
0,071	0,292	0,005	0,014	0,134	FALSE

0,023	0,296	0,002	0,015	0,048	FALSE
-0,111	0,281	-0,006	0,011	0,207	FALSE
-0,183	0,272	-0,010	0,012	0,367	FALSE
-0,146	0,287	-0,009	0,015	0,267	FALSE
0,112	0,283	0,004	0,014	0,124	FALSE
0,080	0,283	0,002	0,010	0,073	FALSE
0,036	0,292	0,001	0,008	0,057	FALSE
-0,105	0,279	-0,003	0,011	0,093	FALSE
0,063	0,288	0,002	0,008	0,095	FALSE
0,068	0,285	0,001	0,013	0,018	FALSE
-0,135	0,272	-0,004	0,014	0,112	FALSE
-0,212	0,287	-0,008	0,014	0,255	FALSE
-0,231	0,289	-0,010	0,014	0,309	FALSE
0,061	0,277	0,001	0,008	0,061	FALSE
-0,082	0,277	-0,002	0,011	0,071	FALSE
-0,056	0,292	-0,003	0,009	0,128	FALSE
0,006	0,290	-0,003	0,015	0,068	FALSE
-0,108	0,283	-0,003	0,007	0,158	FALSE
-0,022	0,281	-0,001	0,013	0,021	FALSE
0,019	0,294	0,001	0,010	0,046	FALSE
-0,045	0,272	-0,003	0,014	0,094	FALSE
-0,040	0,273	-0,003	0,009	0,138	FALSE
-0,112	0,285	-0,004	0,014	0,099	FALSE
-0,051	0,293	-0,002	0,013	0,057	FALSE
0,026	0,295	0,001	0,007	0,038	FALSE
-0,142	0,284	-0,006	0,011	0,227	FALSE
-0,027	0,294	-0,002	0,014	0,055	FALSE
-0,032	0,291	0,001	0,012	0,037	FALSE
-0,145	0,298	-0,005	0,011	0,204	FALSE
0,154	0,288	0,003	0,007	0,149	FALSE
0,136	0,311	0,007	0,015	0,198	FALSE
-0,014	0,275	0,000	0,010	0,008	FALSE
0,014	0,291	0,002	0,013	0,058	FALSE
0,072	0,287	0,001	0,009	0,042	FALSE
0,131	0,285	0,006	0,013	0,192	FALSE
0,204	0,282	0,008	0,015	0,222	FALSE
-0,009	0,276	0,000	0,009	0,016	FALSE
-0,017	0,273	0,002	0,010	0,085	FALSE
-0,020	0,274	0,000	0,014	0,004	FALSE
-0,109	0,274	-0,001	0,009	0,047	FALSE
0,034	0,286	0,001	0,011	0,028	FALSE
0,038	0,282	-0,001	0,011	0,021	FALSE
0,140	0,293	0,004	0,013	0,125	FALSE
-0,130	0,279	-0,006	0,013	0,184	FALSE
-0,044	0,282	-0,002	0,012	0,072	FALSE
0,052	0,274	0,002	0,008	0,094	FALSE
0,002	0,294	0,000	0,008	0,010	FALSE
0,049	0,292	0,000	0,007	0,011	FALSE
-0,060	0,286	-0,001	0,008	0,033	FALSE
0,093	0,293	0,002	0,011	0,073	FALSE
0,031	0,281	0,003	0,009	0,107	FALSE
-0,147	0,282	-0,005	0,010	0,198	FALSE
0,038	0,291	0,004	0,015	0,108	FALSE

-0,146	0,267	-0,003	0,015	0,072	FALSE
-0,115	0,277	-0,006	0,014	0,177	FALSE
-0,104	0,282	-0,005	0,014	0,149	FALSE
0,095	0,285	0,002	0,011	0,078	FALSE
0,074	0,278	0,001	0,010	0,053	FALSE
0,056	0,294	0,002	0,011	0,051	FALSE
0,010	0,295	-0,001	0,014	0,014	FALSE
0,063	0,293	0,001	0,011	0,047	FALSE
-0,140	0,280	-0,004	0,009	0,195	FALSE
0,025	0,294	0,000	0,011	0,010	FALSE
0,091	0,286	0,003	0,008	0,134	FALSE
0,004	0,293	0,001	0,014	0,038	FALSE
-0,003	0,273	-0,001	0,010	0,042	FALSE
0,093	0,280	0,002	0,015	0,038	FALSE
-0,028	0,278	-0,002	0,014	0,053	FALSE
0,110	0,286	0,005	0,013	0,147	FALSE
0,120	0,279	0,008	0,012	0,272	FALSE
0,163	0,278	0,009	0,011	0,356	FALSE
0,038	0,288	0,005	0,014	0,146	FALSE
0,061	0,292	0,002	0,016	0,057	FALSE
0,086	0,283	0,003	0,014	0,094	FALSE
-0,211	0,269	-0,008	0,009	0,372	FALSE
-0,032	0,305	0,000	0,008	0,015	FALSE
0,066	0,291	0,002	0,014	0,057	FALSE
-0,052	0,278	-0,002	0,009	0,083	FALSE
-0,196	0,277	-0,006	0,011	0,242	FALSE
0,096	0,297	0,003	0,008	0,143	FALSE
-0,126	0,274	-0,004	0,010	0,164	FALSE
-0,028	0,295	-0,001	0,013	0,039	FALSE
0,045	0,286	0,000	0,007	0,017	FALSE
-0,071	0,292	-0,001	0,008	0,029	FALSE
0,050	0,301	0,003	0,014	0,071	FALSE
0,064	0,275	0,000	0,011	0,015	FALSE
0,019	0,293	-0,001	0,008	0,049	FALSE
-0,025	0,288	0,000	0,007	0,010	FALSE
-0,087	0,282	-0,004	0,011	0,154	FALSE
0,040	0,282	0,003	0,012	0,090	FALSE
-0,085	0,280	-0,004	0,013	0,125	FALSE
0,014	0,291	0,001	0,009	0,032	FALSE
-0,106	0,282	-0,003	0,011	0,099	FALSE
-0,118	0,283	-0,004	0,012	0,124	FALSE
0,024	0,291	0,004	0,013	0,106	FALSE
-0,136	0,268	-0,005	0,015	0,129	FALSE
-0,160	0,271	-0,007	0,015	0,190	FALSE
0,057	0,282	0,000	0,012	0,015	FALSE
-0,107	0,291	-0,002	0,009	0,104	FALSE
0,047	0,293	0,001	0,013	0,026	FALSE
0,014	0,278	-0,001	0,008	0,061	FALSE
0,083	0,291	0,001	0,008	0,072	FALSE
0,029	0,282	0,000	0,012	0,008	FALSE
-0,016	0,286	0,001	0,010	0,043	FALSE
0,014	0,290	0,001	0,008	0,042	FALSE
0,112	0,281	0,003	0,013	0,094	FALSE

0,042	0,288	0,001	0,012	0,037	FALSE
-0,090	0,282	-0,003	0,010	0,122	FALSE
-0,097	0,285	-0,005	0,015	0,131	FALSE
-0,010	0,290	0,001	0,007	0,047	FALSE
0,013	0,304	0,002	0,008	0,081	FALSE
0,099	0,287	0,003	0,011	0,115	FALSE
-0,139	0,301	-0,004	0,011	0,143	FALSE
-0,054	0,283	-0,002	0,009	0,066	FALSE
0,100	0,298	0,002	0,012	0,047	FALSE
0,027	0,288	0,005	0,014	0,134	FALSE
-0,038	0,290	0,000	0,013	0,009	FALSE
0,131	0,268	0,001	0,008	0,024	FALSE
-0,147	0,278	-0,005	0,014	0,140	FALSE
-0,154	0,283	-0,007	0,011	0,279	FALSE
0,063	0,277	0,002	0,014	0,041	FALSE
-0,030	0,277	-0,001	0,008	0,027	FALSE
-0,025	0,296	0,001	0,014	0,032	FALSE
0,037	0,291	0,002	0,008	0,074	FALSE
-0,001	0,285	0,000	0,009	0,008	FALSE
-0,067	0,273	-0,001	0,009	0,060	FALSE
-0,244	0,287	-0,006	0,007	0,389	FALSE
0,040	0,279	0,001	0,012	0,035	FALSE
-0,005	0,300	0,000	0,013	0,004	FALSE
0,058	0,282	0,000	0,011	0,010	FALSE
0,069	0,287	0,003	0,011	0,120	FALSE
-0,008	0,291	0,000	0,013	0,003	FALSE
0,031	0,265	0,000	0,008	0,000	FALSE
0,083	0,295	0,003	0,010	0,124	FALSE
0,081	0,290	0,003	0,009	0,132	FALSE
-0,110	0,277	-0,003	0,011	0,115	FALSE
0,035	0,275	-0,001	0,008	0,040	FALSE
0,012	0,279	0,000	0,011	0,004	FALSE
-0,024	0,288	-0,002	0,010	0,059	FALSE
0,023	0,288	0,000	0,008	0,004	FALSE
-0,045	0,292	-0,001	0,010	0,026	FALSE
0,069	0,285	0,006	0,012	0,198	FALSE
0,086	0,306	0,003	0,011	0,089	FALSE
-0,096	0,287	-0,002	0,008	0,102	FALSE
-0,021	0,285	0,000	0,008	0,003	FALSE
0,210	0,279	0,009	0,015	0,264	FALSE
-0,006	0,289	-0,002	0,014	0,048	FALSE
0,033	0,280	0,000	0,008	0,020	FALSE
0,011	0,285	0,002	0,008	0,067	FALSE
0,182	0,283	0,007	0,014	0,228	FALSE
-0,031	0,280	-0,002	0,015	0,055	FALSE
0,129	0,275	0,003	0,008	0,146	FALSE
0,154	0,282	0,004	0,012	0,138	FALSE
0,167	0,296	0,005	0,009	0,224	FALSE
-0,091	0,281	-0,002	0,012	0,065	FALSE
-0,035	0,288	0,000	0,011	0,011	FALSE
0,205	0,279	0,009	0,013	0,299	FALSE
-0,064	0,299	-0,003	0,015	0,080	FALSE
0,048	0,297	0,002	0,015	0,048	FALSE

0,091	0,273	0,001	0,010	0,047	FALSE
0,141	0,288	0,004	0,009	0,175	FALSE
0,089	0,280	0,002	0,013	0,058	FALSE
0,104	0,277	0,005	0,013	0,149	FALSE
0,177	0,280	0,005	0,011	0,193	FALSE
0,063	0,280	0,002	0,009	0,075	FALSE
0,014	0,294	0,000	0,009	0,009	FALSE
-0,069	0,290	-0,002	0,014	0,049	FALSE
-0,029	0,288	0,001	0,014	0,027	FALSE
0,114	0,272	0,002	0,008	0,083	FALSE
-0,065	0,278	-0,004	0,013	0,104	FALSE
0,061	0,287	0,001	0,011	0,036	FALSE
-0,125	0,286	-0,004	0,014	0,120	FALSE
-0,021	0,295	0,002	0,009	0,089	FALSE
-0,134	0,279	-0,003	0,007	0,174	FALSE
-0,031	0,290	-0,001	0,008	0,061	FALSE
0,041	0,282	0,000	0,013	0,010	FALSE
0,116	0,290	0,003	0,009	0,139	FALSE
0,154	0,280	0,004	0,012	0,139	FALSE
0,164	0,277	0,004	0,012	0,140	FALSE
0,036	0,293	0,000	0,009	0,012	FALSE
0,096	0,286	0,005	0,013	0,157	FALSE
0,161	0,283	0,005	0,010	0,214	FALSE
0,064	0,296	0,004	0,014	0,101	FALSE
0,133	0,286	0,006	0,013	0,205	FALSE
0,131	0,277	0,006	0,013	0,198	FALSE
-0,006	0,293	0,000	0,011	0,012	FALSE
-0,136	0,278	-0,005	0,013	0,158	FALSE
0,031	0,299	0,002	0,012	0,055	FALSE
-0,047	0,285	-0,002	0,007	0,087	FALSE
0,008	0,294	0,002	0,015	0,044	FALSE
0,124	0,280	0,005	0,012	0,174	FALSE
0,080	0,283	0,004	0,015	0,088	FALSE
-0,083	0,294	-0,001	0,009	0,036	FALSE
0,131	0,277	0,003	0,014	0,080	FALSE
0,130	0,274	0,003	0,014	0,077	FALSE
-0,076	0,274	-0,002	0,008	0,115	FALSE
-0,008	0,280	0,000	0,011	0,005	FALSE
-0,009	0,285	0,000	0,011	0,003	FALSE
0,052	0,281	0,004	0,011	0,139	FALSE
0,088	0,290	0,004	0,008	0,186	FALSE
-0,047	0,288	0,000	0,008	0,009	FALSE
-0,083	0,281	-0,002	0,012	0,074	FALSE
-0,048	0,290	-0,002	0,014	0,055	FALSE
-0,034	0,287	-0,002	0,012	0,060	FALSE
0,118	0,290	0,005	0,010	0,199	FALSE
0,077	0,294	0,005	0,015	0,129	FALSE
0,094	0,292	0,002	0,011	0,081	FALSE
-0,022	0,273	-0,002	0,014	0,050	FALSE
-0,077	0,288	-0,006	0,012	0,194	FALSE
0,121	0,280	0,002	0,009	0,079	FALSE
-0,049	0,280	-0,001	0,011	0,024	FALSE
0,031	0,293	0,003	0,015	0,078	FALSE

0,058	0,277	0,002	0,011	0,082	FALSE
-0,101	0,297	-0,004	0,015	0,099	FALSE
-0,042	0,291	-0,001	0,009	0,047	FALSE
0,099	0,281	0,004	0,011	0,156	FALSE
-0,122	0,278	-0,003	0,014	0,092	FALSE
-0,125	0,279	-0,004	0,011	0,125	FALSE
-0,030	0,284	0,000	0,007	0,008	FALSE
0,085	0,285	0,002	0,014	0,051	FALSE
-0,147	0,294	-0,007	0,013	0,242	FALSE
0,073	0,289	0,004	0,010	0,152	FALSE
0,083	0,301	0,004	0,008	0,227	FALSE
-0,126	0,272	-0,003	0,011	0,104	FALSE
0,156	0,280	0,006	0,012	0,203	FALSE
0,035	0,290	-0,002	0,010	0,056	FALSE
-0,006	0,289	0,003	0,015	0,077	FALSE
-0,005	0,293	0,002	0,010	0,069	FALSE
0,026	0,307	0,002	0,015	0,055	FALSE
-0,032	0,285	-0,002	0,008	0,106	FALSE
0,013	0,287	-0,002	0,010	0,085	FALSE
-0,048	0,292	0,000	0,009	0,018	FALSE
-0,040	0,273	-0,004	0,013	0,108	FALSE
-0,096	0,277	-0,005	0,012	0,169	FALSE
0,182	0,287	0,005	0,009	0,247	FALSE
0,018	0,286	0,000	0,009	0,011	FALSE
-0,124	0,280	-0,004	0,009	0,199	FALSE
0,000	0,286	0,001	0,007	0,047	FALSE
-0,065	0,287	-0,002	0,009	0,108	FALSE
0,207	0,266	0,005	0,008	0,236	FALSE
-0,141	0,276	-0,004	0,008	0,203	FALSE
-0,059	0,292	0,000	0,015	0,008	FALSE
-0,049	0,289	0,001	0,009	0,028	FALSE
-0,064	0,291	-0,002	0,011	0,073	FALSE
-0,157	0,285	-0,006	0,012	0,210	FALSE
0,024	0,287	0,000	0,008	0,003	FALSE
0,014	0,285	0,000	0,013	0,004	FALSE
-0,042	0,292	-0,001	0,008	0,048	FALSE
0,055	0,277	0,003	0,008	0,157	FALSE
0,149	0,289	0,004	0,008	0,200	FALSE
-0,093	0,279	-0,004	0,013	0,107	FALSE
0,014	0,283	-0,001	0,014	0,019	FALSE
-0,125	0,292	-0,003	0,007	0,200	FALSE
0,106	0,271	0,002	0,007	0,120	FALSE
0,069	0,284	0,002	0,010	0,086	FALSE
0,075	0,274	0,002	0,007	0,085	FALSE
-0,069	0,278	-0,003	0,013	0,097	FALSE
-0,021	0,288	-0,001	0,009	0,037	FALSE
0,017	0,271	-0,003	0,010	0,099	FALSE
0,164	0,275	0,004	0,007	0,296	FALSE
0,068	0,280	0,001	0,010	0,017	FALSE
-0,038	0,286	-0,002	0,009	0,085	FALSE
0,082	0,289	0,000	0,011	0,009	FALSE
-0,115	0,292	-0,003	0,010	0,114	FALSE
0,097	0,293	0,005	0,015	0,120	FALSE

-0,140	0,286	-0,006	0,015	0,169	FALSE
0,067	0,287	0,002	0,013	0,061	FALSE
0,015	0,293	0,001	0,008	0,049	FALSE
0,158	0,260	0,005	0,010	0,237	FALSE
-0,007	0,293	-0,001	0,015	0,031	FALSE
-0,037	0,276	-0,002	0,009	0,059	FALSE
0,109	0,281	0,003	0,015	0,063	FALSE
-0,074	0,297	-0,002	0,008	0,086	FALSE
0,065	0,294	0,002	0,011	0,072	FALSE
0,020	0,290	0,002	0,015	0,042	FALSE
0,026	0,288	0,001	0,013	0,015	FALSE
0,056	0,278	0,000	0,007	0,014	FALSE
-0,121	0,281	-0,003	0,007	0,168	FALSE
-0,103	0,279	-0,002	0,010	0,092	FALSE
-0,133	0,287	-0,004	0,010	0,155	FALSE
0,151	0,302	0,005	0,008	0,313	FALSE
-0,074	0,274	-0,004	0,013	0,119	FALSE
-0,029	0,290	-0,001	0,008	0,039	FALSE
-0,069	0,293	-0,002	0,015	0,049	FALSE
-0,077	0,290	-0,005	0,014	0,131	FALSE
-0,017	0,284	-0,001	0,008	0,023	FALSE
0,024	0,288	0,004	0,015	0,102	FALSE
-0,070	0,292	-0,002	0,008	0,079	FALSE
-0,047	0,289	0,001	0,010	0,043	FALSE
0,005	0,291	-0,001	0,008	0,056	FALSE
-0,001	0,285	0,000	0,008	0,008	FALSE
-0,112	0,275	-0,004	0,014	0,107	FALSE
0,106	0,281	0,005	0,013	0,170	FALSE
0,188	0,282	0,005	0,008	0,292	FALSE
0,166	0,293	0,005	0,008	0,247	FALSE
0,048	0,275	0,001	0,007	0,048	FALSE
0,119	0,283	0,002	0,012	0,059	FALSE
-0,056	0,290	-0,003	0,015	0,080	FALSE
-0,056	0,292	0,000	0,008	0,020	FALSE
-0,010	0,294	-0,001	0,010	0,032	FALSE
-0,066	0,295	-0,004	0,015	0,102	FALSE
0,033	0,281	0,000	0,009	0,016	FALSE
0,054	0,283	0,001	0,013	0,015	FALSE
-0,059	0,295	0,000	0,008	0,007	FALSE
-0,080	0,286	-0,001	0,009	0,027	FALSE
-0,105	0,282	-0,006	0,010	0,238	FALSE
0,085	0,265	0,006	0,014	0,161	FALSE
-0,141	0,304	-0,009	0,014	0,270	FALSE
0,056	0,285	-0,001	0,015	0,016	FALSE
-0,095	0,279	-0,001	0,015	0,033	FALSE
0,018	0,288	0,001	0,008	0,035	FALSE
0,001	0,289	-0,002	0,009	0,084	FALSE
0,049	0,295	0,002	0,008	0,078	FALSE
-0,079	0,281	-0,002	0,007	0,100	FALSE
0,112	0,293	0,003	0,008	0,167	FALSE
0,166	0,285	0,003	0,008	0,161	FALSE
0,077	0,289	0,001	0,009	0,053	FALSE
0,161	0,277	0,007	0,012	0,227	FALSE

-0,133	0,278	-0,003	0,008	0,176	FALSE
-0,124	0,279	-0,006	0,015	0,180	FALSE
0,078	0,280	0,002	0,011	0,066	FALSE
0,100	0,294	0,006	0,015	0,159	FALSE
0,020	0,289	0,000	0,007	0,011	FALSE
-0,084	0,279	-0,003	0,010	0,131	FALSE
-0,142	0,288	-0,004	0,008	0,213	FALSE
-0,084	0,294	-0,002	0,008	0,079	FALSE
0,080	0,276	0,003	0,007	0,196	FALSE
0,264	0,271	0,012	0,011	0,516	FALSE
0,115	0,277	0,008	0,015	0,221	FALSE
-0,119	0,284	-0,007	0,014	0,222	FALSE
-0,013	0,294	0,000	0,008	0,014	FALSE
0,109	0,301	0,002	0,010	0,083	FALSE
0,162	0,282	0,004	0,008	0,193	FALSE
0,117	0,288	0,003	0,010	0,134	FALSE
-0,061	0,284	-0,003	0,013	0,086	FALSE
-0,053	0,291	-0,001	0,011	0,026	FALSE
0,088	0,284	0,003	0,012	0,096	FALSE
-0,086	0,284	-0,003	0,015	0,090	FALSE
0,111	0,289	0,005	0,014	0,162	FALSE
-0,008	0,284	-0,001	0,008	0,040	FALSE
0,112	0,277	0,004	0,014	0,125	FALSE
0,085	0,295	0,003	0,007	0,175	FALSE
0,034	0,291	0,000	0,011	0,010	FALSE
0,067	0,292	0,003	0,014	0,089	FALSE
-0,093	0,281	-0,002	0,007	0,106	FALSE
0,107	0,292	0,004	0,013	0,102	FALSE
0,011	0,292	0,001	0,008	0,047	FALSE
-0,099	0,298	-0,002	0,009	0,083	FALSE
-0,004	0,291	-0,001	0,008	0,054	FALSE
-0,082	0,283	-0,002	0,010	0,089	FALSE
-0,076	0,281	0,000	0,009	0,011	FALSE
-0,151	0,273	-0,003	0,011	0,098	FALSE
0,111	0,294	0,003	0,009	0,137	FALSE
-0,141	0,288	-0,005	0,011	0,189	FALSE
0,152	0,291	0,004	0,015	0,103	FALSE
-0,042	0,286	0,000	0,013	0,010	FALSE
-0,173	0,282	-0,004	0,014	0,120	FALSE
0,085	0,295	0,000	0,012	0,009	FALSE
0,121	0,287	0,005	0,013	0,157	FALSE
-0,079	0,290	-0,002	0,008	0,075	FALSE
-0,235	0,262	-0,006	0,008	0,347	FALSE
-0,156	0,283	-0,004	0,012	0,113	FALSE
-0,075	0,281	0,000	0,014	0,011	FALSE
-0,036	0,296	-0,004	0,014	0,102	FALSE
0,081	0,294	0,004	0,014	0,110	FALSE
-0,040	0,286	-0,002	0,010	0,085	FALSE
-0,009	0,288	0,000	0,015	0,002	FALSE
0,152	0,280	0,007	0,014	0,197	FALSE
-0,028	0,277	-0,003	0,015	0,071	FALSE
-0,121	0,284	-0,005	0,011	0,189	FALSE
0,226	0,277	0,005	0,008	0,308	FALSE

0,161	0,282	0,005	0,008	0,234	FALSE
0,082	0,298	0,002	0,007	0,111	FALSE
0,067	0,287	0,000	0,009	0,019	FALSE
-0,025	0,280	-0,002	0,013	0,056	FALSE
0,005	0,289	0,002	0,010	0,067	FALSE
-0,108	0,288	-0,006	0,013	0,188	FALSE
0,047	0,296	0,002	0,008	0,080	FALSE
0,071	0,283	0,001	0,013	0,022	FALSE
-0,056	0,294	-0,001	0,009	0,023	FALSE
-0,032	0,292	-0,002	0,008	0,088	FALSE
0,181	0,285	0,003	0,008	0,131	FALSE
-0,040	0,296	-0,004	0,015	0,106	FALSE
-0,087	0,283	-0,001	0,007	0,076	FALSE
-0,050	0,296	-0,001	0,007	0,035	FALSE
-0,059	0,292	-0,001	0,007	0,038	FALSE
0,069	0,286	0,002	0,008	0,107	FALSE
-0,044	0,277	0,001	0,012	0,042	FALSE
-0,077	0,290	-0,003	0,008	0,147	FALSE
-0,084	0,283	-0,005	0,014	0,137	FALSE
-0,210	0,274	-0,009	0,012	0,326	FALSE
-0,151	0,282	-0,004	0,008	0,235	FALSE
-0,010	0,289	-0,001	0,009	0,021	FALSE
0,057	0,287	0,003	0,013	0,087	FALSE
0,066	0,290	0,002	0,010	0,087	FALSE
0,075	0,278	0,002	0,011	0,049	FALSE
0,124	0,287	0,003	0,012	0,102	FALSE
-0,033	0,296	-0,002	0,014	0,043	FALSE
0,094	0,288	0,003	0,010	0,122	FALSE
0,102	0,282	0,002	0,012	0,068	FALSE
-0,096	0,301	-0,001	0,011	0,047	FALSE
-0,027	0,290	-0,002	0,015	0,036	FALSE
-0,076	0,283	0,000	0,014	0,009	FALSE
0,110	0,284	0,002	0,008	0,094	FALSE
0,016	0,290	0,001	0,010	0,018	FALSE
-0,090	0,276	-0,006	0,014	0,193	FALSE
-0,024	0,300	0,000	0,014	0,006	FALSE
0,006	0,285	-0,001	0,010	0,041	FALSE
-0,016	0,280	-0,002	0,014	0,039	FALSE
-0,028	0,291	0,000	0,008	0,002	FALSE
0,029	0,283	0,001	0,008	0,066	FALSE
0,007	0,289	-0,001	0,015	0,024	FALSE
-0,066	0,283	-0,002	0,008	0,101	FALSE
0,001	0,295	-0,001	0,015	0,020	FALSE
-0,033	0,287	-0,002	0,009	0,106	FALSE
-0,121	0,290	-0,003	0,010	0,107	FALSE
-0,162	0,276	-0,004	0,010	0,170	FALSE
-0,056	0,283	-0,002	0,010	0,082	FALSE
0,013	0,281	0,002	0,012	0,063	FALSE
-0,129	0,285	-0,005	0,010	0,226	FALSE
-0,143	0,288	-0,008	0,015	0,235	FALSE
-0,177	0,299	-0,010	0,015	0,292	FALSE
0,110	0,280	0,006	0,012	0,202	FALSE
0,057	0,287	0,003	0,009	0,133	FALSE

0,062	0,296	0,002	0,010	0,090	FALSE
-0,027	0,277	-0,004	0,014	0,098	FALSE
-0,066	0,288	0,000	0,015	0,007	FALSE
-0,049	0,276	0,000	0,011	0,007	FALSE
0,076	0,273	0,005	0,015	0,139	FALSE
0,084	0,286	0,005	0,014	0,157	FALSE
-0,050	0,290	0,001	0,013	0,023	FALSE
0,021	0,286	0,000	0,008	0,009	FALSE
-0,105	0,275	-0,001	0,007	0,061	FALSE
-0,078	0,279	-0,002	0,007	0,084	FALSE
0,078	0,273	0,003	0,011	0,097	FALSE
0,109	0,278	0,005	0,013	0,169	FALSE
0,036	0,266	0,002	0,012	0,047	FALSE
0,047	0,282	0,002	0,013	0,060	FALSE
0,044	0,255	0,002	0,012	0,066	FALSE
0,044	0,278	0,002	0,012	0,053	FALSE
0,049	0,266	0,002	0,012	0,069	FALSE
0,049	0,280	0,003	0,012	0,077	FALSE
-0,222	0,279	-0,011	0,014	0,355	FALSE
-0,018	0,275	-0,001	0,011	0,036	FALSE
0,170	0,284	0,005	0,009	0,218	FALSE
0,044	0,298	0,003	0,011	0,109	FALSE
0,028	0,288	0,002	0,009	0,085	FALSE
0,186	0,293	0,004	0,009	0,199	FALSE
-0,127	0,289	-0,006	0,013	0,179	FALSE
-0,101	0,278	-0,004	0,012	0,116	FALSE
-0,078	0,287	-0,004	0,011	0,134	FALSE
-0,040	0,289	-0,002	0,012	0,061	FALSE
-0,064	0,298	-0,003	0,013	0,098	FALSE
-0,149	0,277	-0,005	0,011	0,167	FALSE
0,231	0,277	0,008	0,010	0,390	FALSE
-0,020	0,276	-0,002	0,012	0,050	FALSE
-0,033	0,286	0,000	0,008	0,021	FALSE
0,161	0,292	0,004	0,009	0,199	FALSE
0,063	0,296	0,003	0,012	0,078	FALSE
-0,107	0,292	-0,002	0,011	0,071	FALSE
-0,053	0,283	0,000	0,008	0,014	FALSE
-0,052	0,297	0,000	0,008	0,008	FALSE
-0,067	0,293	0,000	0,009	0,015	FALSE
-0,037	0,281	0,000	0,008	0,001	FALSE
-0,035	0,301	-0,001	0,013	0,040	FALSE
-0,071	0,291	-0,003	0,014	0,071	FALSE
-0,129	0,288	-0,004	0,008	0,223	FALSE
0,137	0,283	0,005	0,014	0,155	FALSE
0,010	0,296	0,001	0,010	0,020	FALSE
-0,021	0,288	0,002	0,013	0,049	FALSE
-0,072	0,291	-0,004	0,015	0,094	FALSE
0,010	0,288	0,001	0,011	0,018	FALSE
0,091	0,265	0,003	0,013	0,075	FALSE
-0,044	0,284	-0,004	0,010	0,154	FALSE
0,193	0,287	0,007	0,014	0,216	FALSE
-0,223	0,278	-0,006	0,011	0,210	FALSE
-0,030	0,289	-0,002	0,011	0,055	FALSE

0,087	0,284	0,001	0,008	0,067	FALSE
0,102	0,278	0,004	0,014	0,120	FALSE
-0,053	0,286	-0,002	0,009	0,100	FALSE
0,074	0,278	0,002	0,014	0,060	FALSE
-0,032	0,294	-0,001	0,015	0,031	FALSE
0,062	0,287	0,001	0,008	0,038	FALSE
-0,076	0,287	-0,002	0,012	0,070	FALSE
-0,063	0,292	-0,002	0,013	0,074	FALSE
-0,061	0,279	0,000	0,012	0,001	FALSE
0,012	0,293	0,000	0,009	0,014	FALSE
-0,135	0,275	-0,003	0,010	0,145	FALSE
0,081	0,291	0,004	0,011	0,127	FALSE
-0,035	0,283	0,000	0,008	0,002	FALSE
-0,004	0,285	0,000	0,009	0,005	FALSE
-0,039	0,284	0,000	0,007	0,018	FALSE
-0,052	0,282	-0,001	0,008	0,050	FALSE
-0,046	0,303	-0,001	0,013	0,027	FALSE
-0,013	0,279	0,001	0,011	0,020	FALSE
-0,065	0,299	-0,001	0,008	0,049	FALSE
-0,124	0,289	-0,003	0,009	0,140	FALSE
0,005	0,276	-0,001	0,008	0,026	FALSE
0,141	0,281	0,004	0,011	0,148	FALSE
-0,096	0,261	-0,005	0,014	0,137	FALSE
-0,004	0,286	-0,003	0,011	0,100	FALSE
0,025	0,290	0,003	0,010	0,127	FALSE
-0,045	0,288	-0,004	0,011	0,143	FALSE
0,041	0,300	0,001	0,013	0,025	FALSE
0,026	0,296	-0,001	0,008	0,045	FALSE
0,121	0,278	0,002	0,010	0,088	FALSE
0,087	0,284	0,001	0,009	0,053	FALSE
0,026	0,298	-0,001	0,007	0,041	FALSE
-0,062	0,277	-0,001	0,008	0,039	FALSE
-0,128	0,273	-0,002	0,007	0,124	FALSE
-0,027	0,287	-0,001	0,009	0,062	FALSE
-0,102	0,282	-0,003	0,009	0,140	FALSE
-0,046	0,287	0,000	0,010	0,011	FALSE
0,100	0,276	0,006	0,014	0,164	FALSE
0,103	0,289	0,003	0,014	0,089	FALSE
0,144	0,287	0,002	0,007	0,132	FALSE
0,145	0,274	0,006	0,013	0,184	FALSE
0,129	0,276	0,004	0,009	0,196	FALSE
-0,099	0,281	-0,003	0,013	0,078	FALSE
0,044	0,286	-0,001	0,008	0,029	FALSE
0,146	0,288	0,005	0,010	0,180	FALSE
0,116	0,282	0,002	0,013	0,060	FALSE
-0,060	0,287	-0,001	0,008	0,058	FALSE
0,130	0,280	0,002	0,009	0,093	FALSE
-0,007	0,292	0,000	0,009	0,000	FALSE
0,003	0,276	-0,001	0,010	0,036	FALSE
0,059	0,289	0,003	0,014	0,066	FALSE
0,014	0,292	0,001	0,012	0,031	FALSE
0,089	0,274	0,001	0,008	0,057	FALSE
-0,098	0,296	-0,004	0,015	0,108	FALSE

0,133	0,288	0,004	0,010	0,151	FALSE
0,049	0,293	0,001	0,009	0,044	FALSE
-0,078	0,294	0,000	0,008	0,021	FALSE
0,061	0,287	0,003	0,009	0,118	FALSE
-0,007	0,284	0,000	0,008	0,010	FALSE
-0,150	0,271	-0,007	0,010	0,317	FALSE
-0,072	0,280	-0,001	0,008	0,035	FALSE
0,044	0,276	-0,002	0,013	0,046	FALSE
0,053	0,291	0,003	0,009	0,116	FALSE
-0,124	0,283	-0,004	0,009	0,190	FALSE
-0,103	0,278	-0,004	0,009	0,162	FALSE
-0,039	0,273	-0,001	0,014	0,019	FALSE
-0,078	0,278	-0,003	0,010	0,107	FALSE
0,112	0,283	0,003	0,014	0,094	FALSE
-0,017	0,278	0,002	0,011	0,057	FALSE
-0,102	0,280	-0,003	0,010	0,094	FALSE
0,076	0,294	0,002	0,015	0,053	FALSE
-0,059	0,300	-0,006	0,014	0,170	FALSE
-0,147	0,303	-0,007	0,015	0,203	FALSE
-0,076	0,292	-0,003	0,014	0,081	FALSE
0,104	0,285	0,004	0,009	0,167	FALSE
0,060	0,292	0,001	0,008	0,046	FALSE
-0,074	0,292	-0,004	0,014	0,101	FALSE
-0,087	0,268	-0,001	0,015	0,032	FALSE
0,029	0,299	0,001	0,008	0,033	FALSE
0,068	0,295	0,002	0,009	0,077	FALSE
0,123	0,278	0,004	0,012	0,117	FALSE
0,179	0,280	0,004	0,015	0,096	FALSE
0,018	0,296	0,002	0,011	0,074	FALSE
0,047	0,279	0,000	0,008	0,001	FALSE
0,086	0,283	0,001	0,008	0,049	FALSE
-0,025	0,290	0,000	0,008	0,015	FALSE
-0,138	0,287	-0,003	0,009	0,130	FALSE
0,205	0,269	0,009	0,011	0,347	FALSE
-0,026	0,275	-0,001	0,013	0,037	FALSE
-0,065	0,265	-0,003	0,009	0,148	FALSE
0,140	0,287	0,003	0,010	0,117	FALSE
0,106	0,273	0,003	0,008	0,184	FALSE
0,093	0,274	0,004	0,015	0,112	FALSE
0,213	0,280	0,008	0,010	0,354	TRUE
-0,009	0,287	-0,001	0,011	0,026	FALSE
-0,034	0,273	-0,002	0,014	0,042	FALSE
0,106	0,296	0,004	0,016	0,106	FALSE
-0,001	0,290	0,000	0,012	0,009	FALSE
-0,037	0,285	-0,002	0,015	0,042	FALSE
0,102	0,289	0,003	0,009	0,141	FALSE
-0,005	0,296	0,001	0,014	0,021	FALSE
-0,121	0,290	-0,008	0,015	0,220	FALSE
-0,083	0,275	-0,002	0,008	0,085	FALSE
-0,062	0,300	-0,002	0,008	0,119	FALSE
-0,038	0,288	-0,002	0,007	0,103	FALSE
-0,139	0,288	-0,005	0,010	0,211	FALSE
-0,038	0,283	-0,003	0,011	0,093	FALSE

-0,047	0,277	-0,002	0,009	0,091	FALSE
-0,056	0,287	-0,002	0,010	0,097	FALSE
0,047	0,283	0,002	0,015	0,048	FALSE
0,024	0,284	0,001	0,014	0,015	FALSE
-0,128	0,278	-0,005	0,011	0,188	FALSE
-0,057	0,275	-0,001	0,015	0,017	FALSE
-0,097	0,277	-0,003	0,009	0,139	FALSE
0,089	0,286	0,003	0,013	0,091	FALSE
0,065	0,296	0,003	0,015	0,066	FALSE
-0,194	0,277	-0,005	0,007	0,315	FALSE
-0,145	0,269	-0,007	0,013	0,246	FALSE
-0,021	0,295	-0,003	0,014	0,086	FALSE
-0,094	0,283	-0,001	0,009	0,033	FALSE
0,002	0,285	0,001	0,009	0,021	FALSE
0,081	0,284	0,002	0,007	0,080	FALSE
-0,115	0,269	-0,006	0,012	0,213	FALSE
0,056	0,263	-0,001	0,015	0,024	FALSE
0,096	0,303	0,003	0,012	0,082	FALSE
0,044	0,295	0,001	0,008	0,027	FALSE
0,030	0,294	0,002	0,010	0,090	FALSE
0,007	0,293	-0,001	0,009	0,026	FALSE
0,031	0,272	0,000	0,011	0,016	FALSE
0,025	0,286	-0,001	0,011	0,042	FALSE
-0,056	0,284	-0,003	0,015	0,063	FALSE
-0,068	0,295	0,000	0,011	0,012	FALSE
0,107	0,291	0,007	0,013	0,222	FALSE
0,196	0,279	0,011	0,015	0,326	FALSE
-0,135	0,276	-0,008	0,012	0,293	FALSE
-0,103	0,271	-0,007	0,014	0,223	FALSE
0,025	0,293	0,003	0,009	0,114	FALSE
0,050	0,288	0,000	0,009	0,000	FALSE
0,015	0,295	0,001	0,009	0,063	FALSE
-0,012	0,275	0,000	0,014	0,010	FALSE
0,162	0,286	0,003	0,007	0,180	FALSE
-0,028	0,281	0,000	0,013	0,012	FALSE
0,035	0,278	0,002	0,014	0,056	FALSE
-0,131	0,285	-0,002	0,011	0,064	FALSE
-0,067	0,284	0,000	0,011	0,006	FALSE
-0,142	0,280	-0,002	0,010	0,076	FALSE
-0,098	0,286	-0,003	0,008	0,123	FALSE
0,072	0,291	0,001	0,009	0,034	FALSE
0,064	0,279	0,006	0,015	0,166	FALSE
-0,147	0,280	-0,004	0,014	0,106	FALSE
0,094	0,277	0,003	0,012	0,107	FALSE
0,119	0,284	0,005	0,012	0,154	FALSE
0,155	0,293	0,007	0,012	0,233	FALSE
-0,047	0,286	0,001	0,012	0,031	FALSE
0,027	0,281	0,004	0,013	0,130	FALSE
-0,041	0,270	0,002	0,012	0,068	FALSE
-0,082	0,294	-0,003	0,010	0,114	FALSE
-0,089	0,296	-0,006	0,015	0,177	FALSE
-0,029	0,294	0,001	0,008	0,055	FALSE
0,006	0,275	-0,002	0,010	0,096	FALSE

-0,101	0,286	-0,002	0,010	0,068	FALSE
0,155	0,287	0,008	0,012	0,285	FALSE
-0,123	0,281	-0,004	0,009	0,196	FALSE
0,018	0,285	-0,001	0,015	0,018	FALSE
-0,157	0,268	-0,003	0,007	0,168	FALSE
-0,108	0,280	-0,006	0,012	0,234	FALSE
-0,058	0,272	-0,003	0,009	0,122	FALSE
-0,058	0,290	-0,001	0,011	0,039	FALSE
-0,015	0,281	-0,002	0,010	0,080	FALSE
-0,016	0,293	-0,001	0,008	0,022	FALSE
-0,043	0,290	-0,001	0,008	0,045	FALSE
0,064	0,290	0,002	0,013	0,060	FALSE
0,144	0,287	0,005	0,011	0,181	FALSE
-0,143	0,269	-0,003	0,008	0,182	FALSE
0,175	0,281	0,003	0,007	0,188	FALSE
0,137	0,275	0,003	0,010	0,109	FALSE
-0,042	0,292	0,000	0,009	0,006	FALSE
0,057	0,291	0,001	0,009	0,019	FALSE
-0,054	0,271	-0,001	0,008	0,061	FALSE
0,101	0,285	0,006	0,013	0,184	FALSE
-0,015	0,282	0,001	0,013	0,023	FALSE
-0,249	0,284	-0,010	0,013	0,368	FALSE
0,046	0,295	0,001	0,008	0,064	FALSE
-0,134	0,284	-0,004	0,011	0,150	FALSE
0,032	0,291	0,001	0,014	0,031	FALSE
0,147	0,287	0,004	0,011	0,149	FALSE
-0,159	0,268	-0,008	0,012	0,292	FALSE
0,084	0,280	0,002	0,009	0,064	FALSE
-0,151	0,273	-0,003	0,007	0,163	FALSE
0,002	0,286	0,002	0,012	0,070	FALSE
0,035	0,270	0,003	0,008	0,125	FALSE
-0,163	0,260	-0,004	0,011	0,131	FALSE
0,079	0,289	0,002	0,015	0,059	FALSE
0,024	0,280	-0,001	0,014	0,027	FALSE
0,086	0,293	0,003	0,015	0,085	FALSE
0,026	0,293	0,000	0,014	0,010	FALSE
0,058	0,282	0,003	0,011	0,109	FALSE
-0,029	0,295	0,001	0,010	0,038	FALSE
0,178	0,291	0,004	0,008	0,215	FALSE
0,012	0,275	-0,001	0,007	0,065	FALSE
0,063	0,278	-0,001	0,012	0,020	FALSE
0,117	0,284	0,002	0,012	0,078	FALSE
0,161	0,280	0,003	0,009	0,121	FALSE
0,183	0,293	0,006	0,013	0,201	FALSE
0,014	0,282	0,000	0,014	0,001	FALSE
0,082	0,284	0,002	0,008	0,095	FALSE
-0,060	0,292	-0,001	0,007	0,058	FALSE
0,080	0,290	0,003	0,015	0,075	FALSE
-0,267	0,270	-0,007	0,008	0,405	FALSE
-0,175	0,275	-0,004	0,009	0,189	FALSE
-0,232	0,287	-0,010	0,014	0,339	FALSE
-0,112	0,288	-0,004	0,008	0,196	FALSE
-0,091	0,281	-0,003	0,008	0,166	FALSE

-0,251	0,270	-0,010	0,012	0,400	FALSE
0,151	0,279	0,003	0,010	0,093	FALSE
-0,133	0,299	-0,004	0,016	0,109	FALSE
-0,218	0,280	-0,007	0,008	0,382	FALSE
0,232	0,278	0,009	0,013	0,279	FALSE
0,258	0,259	0,009	0,012	0,350	FALSE
0,026	0,280	-0,002	0,013	0,060	FALSE
-0,016	0,279	-0,001	0,015	0,036	FALSE
0,017	0,281	0,002	0,011	0,085	FALSE
0,210	0,279	0,004	0,008	0,223	FALSE
-0,090	0,277	-0,005	0,014	0,146	FALSE
-0,023	0,280	0,000	0,014	0,003	FALSE
0,044	0,292	0,001	0,008	0,046	FALSE
0,106	0,288	0,004	0,008	0,221	FALSE
0,092	0,291	0,002	0,014	0,049	FALSE
0,059	0,274	-0,001	0,010	0,051	FALSE
0,107	0,289	0,005	0,010	0,178	FALSE
-0,217	0,275	-0,007	0,013	0,219	FALSE
0,080	0,270	0,003	0,011	0,098	FALSE
-0,052	0,289	-0,003	0,009	0,107	FALSE
-0,026	0,273	-0,001	0,010	0,047	FALSE
-0,025	0,281	-0,004	0,015	0,102	FALSE
0,056	0,286	0,001	0,010	0,034	FALSE
-0,149	0,277	-0,005	0,014	0,130	FALSE
-0,046	0,285	-0,003	0,013	0,097	FALSE
0,035	0,289	0,001	0,011	0,031	FALSE
-0,004	0,298	0,000	0,011	0,015	FALSE
-0,003	0,312	0,000	0,012	0,013	FALSE
0,103	0,278	0,003	0,008	0,166	FALSE
0,098	0,286	0,002	0,010	0,064	FALSE
0,045	0,282	0,000	0,009	0,014	FALSE
-0,028	0,276	-0,001	0,015	0,024	FALSE
-0,063	0,293	0,000	0,008	0,020	FALSE
0,140	0,295	0,002	0,009	0,083	FALSE
-0,007	0,280	0,000	0,009	0,006	FALSE
-0,003	0,273	-0,003	0,014	0,071	FALSE
-0,044	0,301	-0,003	0,014	0,082	FALSE
0,049	0,277	0,001	0,012	0,035	FALSE
-0,029	0,289	0,001	0,007	0,057	FALSE
-0,040	0,292	0,001	0,008	0,028	FALSE
-0,147	0,299	-0,006	0,013	0,190	FALSE
-0,048	0,277	-0,002	0,008	0,088	FALSE
-0,092	0,292	-0,004	0,013	0,107	FALSE
0,099	0,286	0,003	0,009	0,153	FALSE
-0,188	0,281	-0,005	0,012	0,182	FALSE
0,121	0,290	0,003	0,010	0,117	FALSE
0,090	0,290	0,004	0,008	0,176	FALSE
0,112	0,289	0,003	0,013	0,108	FALSE
-0,005	0,286	0,000	0,008	0,018	FALSE
0,073	0,284	0,002	0,012	0,072	FALSE
-0,166	0,263	-0,006	0,011	0,234	FALSE
-0,086	0,282	-0,005	0,015	0,120	FALSE
0,023	0,283	0,000	0,008	0,016	FALSE

-0,212	0,269	-0,006	0,011	0,257	FALSE
-0,169	0,284	-0,004	0,010	0,142	FALSE
-0,233	0,265	-0,010	0,013	0,335	FALSE
-0,178	0,281	-0,008	0,015	0,225	FALSE
-0,140	0,281	-0,005	0,011	0,174	FALSE
-0,004	0,272	0,002	0,007	0,081	FALSE
0,223	0,271	0,003	0,007	0,161	FALSE
-0,098	0,298	-0,004	0,015	0,117	FALSE
0,235	0,271	0,003	0,007	0,186	FALSE
-0,007	0,279	0,000	0,009	0,015	FALSE
0,097	0,294	0,004	0,010	0,166	FALSE
0,073	0,280	0,001	0,007	0,027	FALSE
-0,032	0,277	0,000	0,007	0,010	FALSE
-0,022	0,276	-0,001	0,007	0,058	FALSE
-0,038	0,295	-0,002	0,012	0,074	FALSE
0,029	0,280	0,001	0,010	0,035	FALSE
0,003	0,291	-0,001	0,015	0,022	FALSE
-0,004	0,282	-0,001	0,015	0,031	FALSE
0,179	0,271	0,005	0,010	0,197	FALSE
-0,088	0,288	-0,002	0,015	0,038	FALSE
-0,018	0,299	-0,003	0,014	0,092	FALSE
0,118	0,285	0,004	0,012	0,121	FALSE
-0,077	0,281	-0,001	0,007	0,050	FALSE
-0,018	0,295	-0,001	0,009	0,037	FALSE
0,176	0,289	0,005	0,008	0,255	FALSE
0,106	0,285	0,004	0,009	0,178	FALSE
0,036	0,280	0,002	0,010	0,078	FALSE
-0,091	0,291	-0,005	0,015	0,143	FALSE
0,155	0,297	0,003	0,009	0,158	FALSE
0,003	0,287	0,000	0,014	0,007	FALSE
0,047	0,293	0,001	0,008	0,044	FALSE
0,109	0,291	0,004	0,011	0,144	FALSE
-0,085	0,275	-0,002	0,011	0,064	FALSE
-0,060	0,279	-0,002	0,011	0,052	FALSE
-0,089	0,270	-0,001	0,010	0,053	FALSE
0,043	0,292	0,001	0,011	0,021	FALSE
-0,087	0,279	-0,002	0,012	0,071	FALSE
0,196	0,283	0,005	0,010	0,195	FALSE
-0,099	0,293	-0,003	0,012	0,100	FALSE
0,078	0,286	0,003	0,013	0,084	FALSE
0,013	0,282	0,001	0,008	0,030	FALSE
0,080	0,306	0,003	0,015	0,086	FALSE
0,034	0,308	0,001	0,015	0,023	FALSE
0,055	0,288	0,001	0,010	0,053	FALSE
0,144	0,286	0,006	0,012	0,211	FALSE
-0,030	0,288	0,000	0,012	0,011	FALSE
0,114	0,283	0,003	0,007	0,161	FALSE
-0,089	0,291	-0,003	0,013	0,092	FALSE
0,092	0,293	0,002	0,010	0,072	FALSE
0,092	0,280	0,002	0,008	0,081	FALSE
0,073	0,283	0,003	0,013	0,105	FALSE
-0,080	0,269	-0,004	0,011	0,154	FALSE
-0,012	0,280	0,003	0,012	0,082	FALSE

0,097	0,287	0,002	0,010	0,086	FALSE
-0,010	0,287	-0,001	0,009	0,052	FALSE
0,038	0,290	0,003	0,011	0,110	FALSE
0,020	0,284	0,001	0,012	0,032	FALSE
0,000	0,293	0,000	0,008	0,018	FALSE
0,033	0,289	0,001	0,008	0,062	FALSE
0,189	0,277	0,006	0,015	0,156	FALSE
-0,217	0,280	-0,007	0,011	0,288	FALSE
0,008	0,275	-0,001	0,007	0,025	FALSE
0,100	0,282	0,003	0,008	0,150	FALSE
-0,102	0,289	-0,001	0,009	0,061	FALSE
0,159	0,270	0,008	0,014	0,242	FALSE
0,128	0,275	0,007	0,014	0,192	FALSE
0,145	0,285	0,004	0,015	0,112	FALSE
0,114	0,286	0,005	0,013	0,138	FALSE
-0,006	0,274	-0,002	0,008	0,083	FALSE
0,090	0,298	0,002	0,013	0,058	FALSE
-0,147	0,289	-0,004	0,009	0,172	FALSE
-0,133	0,282	-0,003	0,010	0,113	FALSE
0,156	0,311	0,006	0,015	0,167	FALSE
-0,204	0,282	-0,009	0,015	0,278	FALSE
-0,043	0,288	0,001	0,007	0,034	FALSE
-0,010	0,303	-0,001	0,010	0,030	FALSE
0,233	0,284	0,010	0,015	0,320	FALSE
-0,007	0,288	-0,001	0,009	0,039	FALSE
-0,134	0,284	-0,002	0,011	0,072	FALSE
0,099	0,270	0,001	0,012	0,044	FALSE
0,121	0,292	0,007	0,015	0,201	FALSE
0,033	0,303	0,001	0,008	0,033	FALSE
0,009	0,272	0,002	0,011	0,060	FALSE
-0,070	0,278	-0,001	0,007	0,056	FALSE
0,126	0,281	0,005	0,013	0,151	FALSE
0,007	0,298	0,000	0,012	0,014	FALSE
-0,110	0,281	-0,003	0,014	0,075	FALSE
-0,023	0,297	-0,001	0,010	0,023	FALSE
-0,048	0,287	-0,002	0,008	0,073	FALSE
-0,006	0,278	0,000	0,008	0,015	FALSE
-0,011	0,299	0,001	0,013	0,034	FALSE
-0,081	0,293	-0,003	0,008	0,123	FALSE
-0,043	0,288	-0,002	0,009	0,059	FALSE
-0,017	0,277	-0,002	0,012	0,070	FALSE
0,014	0,289	-0,001	0,012	0,030	FALSE
0,074	0,276	0,002	0,008	0,087	FALSE
0,048	0,288	0,000	0,008	0,005	FALSE
-0,083	0,294	-0,001	0,008	0,064	FALSE
0,032	0,285	0,002	0,013	0,067	FALSE
0,090	0,303	0,004	0,009	0,193	FALSE
-0,105	0,276	0,000	0,011	0,014	FALSE
-0,032	0,280	0,001	0,008	0,025	FALSE
0,038	0,275	0,001	0,013	0,034	FALSE
-0,123	0,272	-0,009	0,014	0,269	FALSE
0,185	0,289	0,007	0,013	0,229	FALSE
0,005	0,290	0,000	0,009	0,005	FALSE

-0,105	0,272	-0,004	0,010	0,168	FALSE
0,194	0,274	0,005	0,012	0,181	FALSE
0,021	0,283	0,000	0,009	0,011	FALSE
-0,091	0,295	-0,007	0,014	0,204	FALSE
0,002	0,291	0,001	0,010	0,041	FALSE
0,040	0,287	0,001	0,008	0,041	FALSE
0,043	0,278	0,004	0,011	0,150	FALSE
0,036	0,279	0,001	0,007	0,054	FALSE
-0,073	0,284	-0,003	0,011	0,111	FALSE
-0,119	0,292	-0,003	0,012	0,089	FALSE
0,016	0,292	0,001	0,010	0,052	FALSE
0,011	0,293	0,001	0,014	0,024	FALSE
0,038	0,304	0,002	0,014	0,054	FALSE
-0,167	0,277	-0,008	0,012	0,271	FALSE
0,150	0,275	0,004	0,011	0,171	FALSE
0,132	0,293	0,007	0,014	0,206	FALSE
-0,087	0,269	-0,003	0,010	0,120	FALSE
-0,062	0,289	-0,002	0,012	0,072	FALSE
-0,032	0,291	-0,002	0,008	0,087	FALSE
-0,076	0,293	-0,006	0,015	0,149	FALSE
-0,034	0,292	0,000	0,008	0,012	FALSE
0,056	0,286	0,002	0,007	0,117	FALSE
-0,034	0,292	0,000	0,009	0,017	FALSE
0,021	0,287	0,000	0,008	0,019	FALSE
-0,049	0,284	-0,003	0,011	0,103	FALSE
-0,089	0,298	-0,004	0,013	0,118	FALSE
-0,005	0,295	0,000	0,010	0,013	FALSE
-0,088	0,293	-0,002	0,008	0,116	FALSE
-0,019	0,280	-0,001	0,008	0,034	FALSE
0,007	0,288	0,003	0,014	0,075	FALSE
-0,036	0,276	0,000	0,008	0,013	FALSE
0,022	0,295	0,001	0,012	0,035	FALSE
0,029	0,287	0,001	0,014	0,017	FALSE
-0,016	0,288	-0,001	0,014	0,014	FALSE
0,037	0,289	0,000	0,012	0,007	FALSE
0,013	0,289	0,001	0,014	0,022	FALSE
-0,047	0,274	-0,003	0,010	0,098	FALSE
0,078	0,293	0,007	0,014	0,199	FALSE
0,123	0,294	0,006	0,014	0,194	FALSE
0,073	0,300	0,004	0,011	0,155	FALSE
-0,055	0,280	-0,004	0,015	0,118	FALSE
0,128	0,292	0,004	0,014	0,115	FALSE
-0,032	0,291	-0,001	0,008	0,061	FALSE
-0,040	0,290	-0,002	0,009	0,086	FALSE
-0,043	0,287	-0,002	0,009	0,070	FALSE
0,231	0,287	0,008	0,010	0,358	FALSE
0,037	0,275	0,000	0,009	0,008	FALSE
-0,090	0,286	-0,002	0,007	0,081	FALSE
-0,126	0,291	-0,005	0,014	0,154	FALSE
-0,143	0,285	-0,006	0,013	0,198	FALSE
-0,071	0,272	-0,002	0,010	0,090	FALSE
-0,110	0,293	-0,004	0,014	0,108	FALSE
-0,132	0,280	-0,005	0,014	0,137	FALSE

-0,063	0,289	-0,002	0,013	0,054	FALSE
-0,077	0,288	-0,002	0,010	0,087	FALSE
0,128	0,275	0,005	0,013	0,143	FALSE
-0,106	0,296	-0,003	0,008	0,153	FALSE
-0,037	0,279	-0,002	0,011	0,051	FALSE
-0,020	0,282	-0,001	0,007	0,029	FALSE
-0,095	0,287	-0,005	0,010	0,207	FALSE
-0,109	0,282	-0,005	0,010	0,221	FALSE
-0,133	0,269	-0,004	0,010	0,183	FALSE
-0,074	0,287	0,000	0,007	0,022	FALSE
0,016	0,290	0,002	0,013	0,055	FALSE
0,027	0,297	0,000	0,015	0,000	FALSE
-0,043	0,289	-0,001	0,007	0,025	FALSE
0,073	0,291	0,003	0,015	0,087	FALSE
0,022	0,291	0,000	0,015	0,003	FALSE
0,022	0,276	0,001	0,009	0,030	FALSE
0,065	0,279	0,000	0,012	0,011	FALSE
0,086	0,278	0,003	0,009	0,133	FALSE
-0,111	0,286	-0,005	0,011	0,160	FALSE
-0,033	0,287	-0,003	0,014	0,071	FALSE
0,117	0,294	0,003	0,011	0,092	FALSE
0,012	0,291	0,000	0,010	0,005	FALSE
-0,247	0,267	-0,008	0,013	0,264	FALSE
0,080	0,292	0,004	0,014	0,115	FALSE
0,179	0,283	0,006	0,014	0,161	FALSE
0,088	0,287	0,004	0,013	0,114	FALSE
0,071	0,280	0,004	0,012	0,118	FALSE
-0,106	0,289	-0,004	0,015	0,096	FALSE
-0,155	0,270	-0,005	0,014	0,143	FALSE
-0,098	0,280	-0,004	0,015	0,116	FALSE
0,035	0,276	-0,001	0,009	0,030	FALSE
0,044	0,287	0,000	0,009	0,008	FALSE
0,000	0,285	-0,001	0,014	0,031	FALSE
-0,117	0,282	-0,003	0,007	0,152	FALSE
-0,145	0,276	-0,005	0,011	0,182	FALSE
-0,104	0,281	-0,006	0,015	0,159	FALSE
0,078	0,273	0,006	0,014	0,184	FALSE
0,023	0,282	0,002	0,010	0,055	FALSE
-0,069	0,273	-0,001	0,010	0,029	FALSE
-0,098	0,286	-0,003	0,009	0,160	FALSE
-0,058	0,286	-0,002	0,008	0,069	FALSE
0,059	0,279	0,002	0,009	0,080	FALSE
0,036	0,290	0,001	0,014	0,038	FALSE
0,001	0,278	-0,001	0,012	0,017	FALSE
-0,064	0,279	-0,004	0,013	0,116	FALSE
-0,113	0,285	-0,004	0,011	0,139	FALSE
-0,083	0,281	-0,003	0,014	0,095	FALSE
0,086	0,290	0,004	0,011	0,140	FALSE
0,003	0,274	0,000	0,009	0,009	FALSE
0,022	0,287	-0,001	0,011	0,042	FALSE
0,014	0,292	0,000	0,009	0,008	FALSE
0,171	0,290	0,009	0,015	0,242	FALSE
-0,025	0,285	-0,001	0,009	0,043	FALSE

0,130	0,289	0,003	0,009	0,139	FALSE
-0,111	0,287	-0,004	0,009	0,162	FALSE
0,040	0,290	0,001	0,007	0,025	FALSE
-0,055	0,286	-0,001	0,011	0,017	FALSE
-0,118	0,285	-0,005	0,015	0,133	FALSE
0,134	0,284	0,003	0,013	0,102	FALSE
-0,018	0,283	-0,002	0,008	0,085	FALSE
-0,059	0,281	-0,004	0,015	0,115	FALSE
-0,056	0,284	-0,002	0,009	0,075	FALSE
-0,059	0,286	-0,002	0,013	0,046	FALSE
0,050	0,284	0,002	0,012	0,063	FALSE
0,149	0,285	0,002	0,007	0,103	FALSE
0,045	0,288	0,002	0,013	0,064	FALSE
-0,079	0,291	-0,001	0,012	0,029	FALSE
0,039	0,302	0,001	0,008	0,052	FALSE
-0,045	0,286	-0,003	0,011	0,095	FALSE
0,001	0,289	0,000	0,008	0,018	FALSE
0,074	0,292	0,002	0,011	0,081	FALSE
0,054	0,296	0,001	0,009	0,050	FALSE
-0,043	0,276	-0,001	0,012	0,027	FALSE
-0,055	0,296	0,000	0,008	0,014	FALSE
-0,063	0,280	0,000	0,009	0,003	FALSE
-0,061	0,287	-0,003	0,008	0,155	FALSE
0,064	0,286	0,003	0,013	0,103	FALSE
0,079	0,279	0,001	0,009	0,033	FALSE
-0,034	0,290	-0,002	0,014	0,059	FALSE
-0,073	0,296	0,000	0,011	0,010	FALSE
-0,023	0,294	-0,002	0,011	0,062	FALSE
0,006	0,291	-0,004	0,015	0,110	FALSE
0,168	0,274	0,004	0,010	0,166	FALSE
-0,048	0,293	-0,003	0,013	0,092	FALSE
-0,056	0,281	-0,005	0,012	0,157	FALSE
0,005	0,301	0,001	0,012	0,028	FALSE
-0,169	0,284	-0,004	0,014	0,118	FALSE
0,064	0,284	0,001	0,014	0,036	FALSE
-0,155	0,286	-0,003	0,007	0,146	FALSE
-0,160	0,287	-0,004	0,010	0,192	FALSE
0,162	0,295	0,008	0,014	0,262	FALSE
-0,085	0,295	-0,003	0,008	0,130	FALSE
0,077	0,278	0,001	0,013	0,042	FALSE
-0,171	0,277	-0,006	0,013	0,205	FALSE
0,108	0,295	0,005	0,014	0,125	FALSE
0,164	0,286	0,003	0,013	0,101	FALSE
0,065	0,304	0,002	0,011	0,070	FALSE
0,069	0,289	-0,001	0,015	0,020	FALSE
0,095	0,274	0,005	0,014	0,123	FALSE
0,008	0,289	0,000	0,014	0,001	FALSE
0,106	0,265	0,000	0,013	0,002	FALSE
-0,184	0,265	-0,005	0,011	0,175	FALSE
0,005	0,305	0,001	0,009	0,030	FALSE
0,160	0,276	0,008	0,015	0,211	FALSE
0,046	0,295	0,001	0,008	0,060	FALSE
-0,077	0,277	-0,003	0,011	0,117	FALSE

-0,141	0,270	-0,006	0,012	0,210	FALSE
-0,123	0,272	-0,006	0,009	0,284	FALSE
-0,120	0,285	-0,003	0,012	0,089	FALSE
0,053	0,291	0,000	0,011	0,014	FALSE
-0,108	0,299	-0,005	0,014	0,152	FALSE
-0,054	0,288	-0,001	0,007	0,054	FALSE
-0,070	0,280	-0,004	0,011	0,145	FALSE
-0,094	0,270	-0,005	0,011	0,201	FALSE
-0,056	0,268	-0,004	0,010	0,152	FALSE
-0,021	0,273	-0,003	0,012	0,086	FALSE
-0,044	0,280	-0,004	0,012	0,120	FALSE
0,036	0,282	0,001	0,009	0,044	FALSE
0,048	0,303	0,001	0,015	0,021	FALSE
-0,080	0,273	-0,004	0,010	0,176	FALSE
-0,071	0,301	0,000	0,008	0,014	FALSE
0,141	0,286	0,005	0,010	0,228	FALSE
-0,105	0,283	-0,004	0,008	0,198	FALSE
-0,043	0,302	-0,001	0,008	0,060	FALSE
-0,060	0,287	-0,002	0,007	0,107	FALSE
0,119	0,291	0,004	0,014	0,113	FALSE
-0,045	0,289	-0,001	0,009	0,061	FALSE
0,115	0,292	0,002	0,008	0,075	FALSE
0,042	0,286	-0,001	0,008	0,035	FALSE
-0,066	0,300	-0,003	0,008	0,131	FALSE
-0,001	0,295	-0,001	0,015	0,026	FALSE
0,020	0,287	0,000	0,015	0,000	FALSE
0,018	0,305	0,003	0,014	0,091	FALSE
-0,066	0,295	-0,002	0,010	0,083	FALSE
0,054	0,266	0,004	0,010	0,181	FALSE
-0,002	0,292	0,001	0,009	0,037	FALSE
-0,016	0,292	-0,002	0,011	0,051	FALSE
-0,012	0,282	0,001	0,014	0,022	FALSE
-0,036	0,287	0,001	0,014	0,014	FALSE
0,166	0,300	0,004	0,013	0,136	FALSE
-0,076	0,289	-0,004	0,013	0,121	FALSE
0,022	0,286	0,001	0,013	0,036	FALSE
0,098	0,288	0,005	0,011	0,201	FALSE
0,177	0,273	0,004	0,010	0,185	FALSE
-0,063	0,284	-0,004	0,012	0,113	FALSE
-0,103	0,297	-0,004	0,015	0,108	FALSE
0,097	0,283	0,003	0,007	0,151	FALSE
0,086	0,292	0,002	0,007	0,135	FALSE
0,065	0,275	0,002	0,014	0,063	FALSE
0,064	0,276	0,002	0,014	0,067	FALSE
0,147	0,273	0,005	0,014	0,149	FALSE
0,056	0,278	0,000	0,009	0,017	FALSE
0,187	0,281	0,005	0,007	0,294	FALSE
-0,162	0,269	-0,005	0,013	0,173	FALSE
0,166	0,292	0,005	0,007	0,275	FALSE
-0,161	0,268	-0,007	0,014	0,196	FALSE
-0,069	0,281	-0,001	0,014	0,025	FALSE
0,016	0,294	0,000	0,015	0,003	FALSE
-0,168	0,274	-0,003	0,009	0,137	FALSE

-0,085	0,278	-0,003	0,008	0,133	FALSE
-0,027	0,284	-0,001	0,008	0,028	FALSE
0,167	0,279	0,005	0,013	0,173	FALSE
0,110	0,285	0,002	0,010	0,089	FALSE
0,101	0,282	0,002	0,009	0,096	FALSE
-0,068	0,290	-0,003	0,008	0,132	FALSE
0,011	0,304	0,002	0,014	0,046	FALSE
-0,202	0,285	-0,008	0,010	0,338	FALSE
0,084	0,273	0,004	0,013	0,130	FALSE
0,123	0,278	0,003	0,007	0,150	FALSE
0,008	0,277	0,000	0,014	0,005	FALSE
-0,003	0,293	-0,001	0,015	0,019	FALSE
0,051	0,276	0,002	0,014	0,052	FALSE
0,097	0,287	0,003	0,008	0,162	FALSE
-0,032	0,288	-0,001	0,009	0,023	FALSE
0,084	0,273	0,003	0,013	0,088	FALSE
-0,142	0,291	-0,005	0,011	0,193	FALSE
0,064	0,296	0,004	0,009	0,162	FALSE
0,027	0,277	0,003	0,012	0,076	FALSE
-0,125	0,295	-0,004	0,011	0,172	FALSE
0,115	0,282	0,003	0,011	0,108	FALSE
-0,090	0,291	-0,004	0,014	0,108	FALSE
-0,020	0,296	0,000	0,009	0,009	FALSE
0,123	0,286	0,004	0,011	0,137	FALSE
0,084	0,305	0,004	0,015	0,110	FALSE
-0,075	0,289	-0,004	0,012	0,134	FALSE
0,185	0,286	0,004	0,008	0,246	FALSE
-0,107	0,299	-0,004	0,011	0,137	FALSE
0,039	0,278	0,001	0,009	0,020	FALSE
-0,190	0,287	-0,005	0,008	0,262	FALSE
-0,083	0,281	-0,007	0,014	0,192	FALSE
-0,126	0,286	-0,009	0,015	0,285	FALSE
0,049	0,286	0,000	0,011	0,016	FALSE
0,108	0,278	0,002	0,007	0,108	FALSE
0,055	0,285	0,001	0,008	0,034	FALSE
0,023	0,255	0,002	0,013	0,068	FALSE
0,084	0,283	0,003	0,007	0,145	FALSE
0,070	0,297	0,002	0,008	0,128	FALSE
-0,006	0,276	-0,001	0,011	0,036	FALSE
-0,090	0,284	-0,003	0,010	0,134	FALSE
-0,079	0,280	-0,003	0,009	0,119	FALSE
0,220	0,270	0,006	0,009	0,311	FALSE
0,136	0,276	0,005	0,009	0,227	FALSE
-0,054	0,273	-0,001	0,014	0,033	FALSE
0,046	0,297	0,001	0,010	0,027	FALSE
-0,039	0,292	0,000	0,012	0,015	FALSE
-0,055	0,289	-0,002	0,008	0,092	FALSE
0,076	0,288	0,002	0,008	0,085	FALSE
-0,080	0,286	-0,001	0,010	0,035	FALSE
-0,050	0,290	-0,001	0,008	0,030	FALSE
-0,016	0,273	0,000	0,009	0,019	FALSE
0,146	0,267	0,002	0,008	0,097	FALSE
0,021	0,297	0,000	0,014	0,009	FALSE

0,018	0,290	0,000	0,011	0,015	FALSE
-0,056	0,298	-0,001	0,012	0,039	FALSE
-0,066	0,290	-0,005	0,013	0,151	FALSE
0,193	0,284	0,005	0,009	0,221	FALSE
-0,017	0,294	0,000	0,009	0,014	FALSE
0,118	0,294	0,005	0,011	0,207	FALSE
0,095	0,261	0,001	0,012	0,017	FALSE
0,060	0,283	0,005	0,015	0,134	FALSE
-0,105	0,279	-0,004	0,010	0,166	FALSE
-0,094	0,275	-0,003	0,011	0,110	FALSE
-0,094	0,288	-0,003	0,013	0,100	FALSE
-0,071	0,290	-0,003	0,013	0,075	FALSE
0,114	0,283	0,006	0,014	0,186	FALSE
-0,058	0,278	-0,001	0,008	0,047	FALSE
0,070	0,280	0,003	0,013	0,076	FALSE
-0,001	0,282	-0,004	0,010	0,169	FALSE
-0,065	0,283	-0,001	0,007	0,044	FALSE
-0,126	0,286	-0,003	0,012	0,076	FALSE
0,074	0,268	0,005	0,014	0,129	FALSE
0,029	0,278	-0,001	0,015	0,012	FALSE
-0,195	0,282	-0,009	0,014	0,274	FALSE
0,041	0,284	0,000	0,015	0,007	FALSE
0,085	0,292	0,002	0,011	0,054	FALSE
-0,191	0,283	-0,005	0,009	0,223	FALSE
-0,065	0,295	-0,002	0,015	0,062	FALSE
-0,137	0,276	-0,004	0,009	0,189	FALSE
-0,120	0,300	-0,003	0,012	0,115	FALSE
-0,010	0,292	-0,001	0,008	0,026	FALSE
-0,316	0,249	-0,011	0,010	0,559	FALSE
-0,027	0,296	-0,002	0,008	0,077	FALSE
-0,009	0,290	0,001	0,008	0,070	FALSE
-0,108	0,293	-0,002	0,009	0,073	FALSE
0,334	0,258	0,011	0,012	0,489	FALSE
0,160	0,283	0,004	0,007	0,237	FALSE
0,168	0,277	0,004	0,007	0,250	FALSE
0,175	0,284	0,005	0,010	0,204	FALSE
0,016	0,270	-0,001	0,008	0,025	FALSE
0,104	0,288	0,003	0,013	0,083	FALSE
-0,124	0,282	-0,002	0,012	0,073	FALSE
-0,006	0,290	0,001	0,014	0,025	FALSE
0,111	0,280	0,006	0,014	0,171	FALSE
0,000	0,284	0,000	0,014	0,003	FALSE
0,060	0,284	0,001	0,008	0,046	FALSE
0,053	0,276	0,000	0,010	0,015	FALSE
-0,011	0,293	-0,002	0,009	0,063	FALSE
-0,175	0,281	-0,006	0,009	0,305	FALSE
-0,183	0,261	-0,012	0,014	0,390	FALSE
-0,110	0,271	-0,002	0,007	0,125	FALSE
-0,132	0,282	-0,003	0,008	0,166	FALSE
-0,072	0,282	-0,002	0,008	0,103	FALSE
-0,037	0,278	-0,002	0,013	0,049	FALSE
-0,126	0,291	-0,005	0,011	0,205	FALSE
0,074	0,289	0,001	0,008	0,040	FALSE

0,015	0,286	0,000	0,010	0,013	FALSE
-0,067	0,284	-0,002	0,009	0,078	FALSE
-0,053	0,294	-0,001	0,009	0,047	FALSE
-0,180	0,278	-0,004	0,008	0,204	FALSE
0,050	0,299	0,005	0,013	0,152	FALSE
-0,119	0,288	-0,004	0,008	0,179	FALSE
-0,138	0,295	-0,003	0,009	0,119	FALSE
-0,126	0,287	-0,003	0,009	0,129	FALSE
-0,083	0,288	-0,002	0,015	0,057	FALSE
-0,029	0,281	-0,003	0,013	0,099	FALSE
0,057	0,292	0,003	0,015	0,075	FALSE
0,052	0,287	0,000	0,015	0,011	FALSE
-0,105	0,285	-0,005	0,014	0,147	FALSE
0,008	0,298	0,000	0,008	0,019	FALSE
-0,091	0,281	-0,004	0,010	0,163	FALSE
-0,235	0,248	-0,010	0,011	0,416	FALSE
0,078	0,278	0,002	0,008	0,106	FALSE
-0,034	0,279	0,000	0,010	0,004	FALSE
-0,084	0,277	-0,002	0,008	0,126	FALSE
-0,049	0,295	-0,002	0,016	0,040	FALSE
-0,157	0,272	-0,005	0,012	0,196	FALSE
0,122	0,288	0,005	0,015	0,129	FALSE
-0,178	0,291	-0,006	0,011	0,259	FALSE
-0,027	0,289	0,000	0,008	0,012	FALSE
0,002	0,291	-0,001	0,009	0,043	FALSE
-0,035	0,288	0,000	0,008	0,016	FALSE
0,035	0,276	0,001	0,009	0,041	FALSE
0,113	0,282	0,001	0,009	0,045	FALSE
0,052	0,268	0,001	0,011	0,026	FALSE
-0,011	0,279	0,000	0,013	0,007	FALSE
-0,025	0,286	-0,001	0,008	0,034	FALSE
0,020	0,287	0,003	0,014	0,072	FALSE
-0,001	0,284	0,002	0,015	0,040	FALSE
-0,030	0,286	-0,001	0,012	0,034	FALSE
0,177	0,268	0,004	0,008	0,230	FALSE
0,075	0,263	0,004	0,013	0,115	FALSE
0,017	0,280	-0,002	0,013	0,045	FALSE
0,046	0,257	0,000	0,013	0,009	FALSE
-0,017	0,283	-0,002	0,015	0,053	FALSE
-0,008	0,282	0,000	0,009	0,018	FALSE
-0,144	0,283	-0,003	0,008	0,147	FALSE
-0,079	0,281	-0,003	0,009	0,125	FALSE
0,118	0,267	0,002	0,008	0,092	FALSE
0,036	0,283	-0,001	0,012	0,019	FALSE
-0,264	0,269	-0,008	0,012	0,291	FALSE
-0,280	0,268	-0,009	0,013	0,297	FALSE
-0,224	0,284	-0,009	0,015	0,261	FALSE
-0,056	0,302	-0,002	0,015	0,046	FALSE
0,014	0,291	-0,001	0,008	0,023	FALSE
-0,067	0,267	0,001	0,012	0,025	FALSE
0,099	0,291	0,004	0,015	0,108	FALSE
-0,068	0,293	-0,003	0,014	0,090	FALSE
0,031	0,279	0,000	0,015	0,010	FALSE

0,111	0,278	0,002	0,008	0,096	FALSE
-0,024	0,282	-0,001	0,015	0,030	FALSE
-0,070	0,290	-0,002	0,009	0,075	FALSE
-0,053	0,297	-0,002	0,010	0,065	FALSE
-0,031	0,272	0,000	0,009	0,019	FALSE
-0,065	0,276	-0,002	0,011	0,052	FALSE
-0,002	0,285	0,000	0,009	0,004	FALSE
-0,104	0,274	-0,002	0,007	0,134	FALSE
0,074	0,282	0,001	0,012	0,026	FALSE
0,003	0,278	-0,003	0,011	0,113	FALSE
-0,001	0,287	0,002	0,015	0,048	FALSE
-0,094	0,284	-0,002	0,008	0,080	FALSE
-0,195	0,290	-0,005	0,008	0,252	FALSE
0,035	0,284	0,003	0,010	0,110	FALSE
0,047	0,305	0,005	0,014	0,154	FALSE
0,004	0,285	0,000	0,010	0,012	FALSE
0,083	0,292	0,003	0,012	0,092	FALSE
0,028	0,293	0,000	0,012	0,014	FALSE
0,038	0,296	0,002	0,015	0,039	FALSE
0,210	0,281	0,007	0,010	0,292	FALSE
-0,102	0,292	-0,002	0,008	0,105	FALSE
0,079	0,300	0,004	0,010	0,188	FALSE
-0,117	0,296	-0,004	0,013	0,128	FALSE
-0,023	0,283	-0,001	0,014	0,018	FALSE
0,038	0,295	0,001	0,012	0,015	FALSE
-0,053	0,273	-0,001	0,008	0,048	FALSE
0,071	0,287	0,002	0,013	0,053	FALSE
0,038	0,284	0,001	0,008	0,040	FALSE
0,055	0,293	0,000	0,015	0,010	FALSE
-0,121	0,276	-0,004	0,009	0,174	FALSE
0,036	0,278	-0,001	0,014	0,028	FALSE
0,121	0,279	0,009	0,014	0,291	FALSE
-0,183	0,270	-0,010	0,013	0,335	FALSE
-0,054	0,277	-0,001	0,012	0,025	FALSE
0,022	0,288	0,004	0,013	0,119	FALSE
0,029	0,291	0,001	0,009	0,021	FALSE
0,006	0,276	0,001	0,010	0,035	FALSE
0,006	0,279	0,001	0,010	0,046	FALSE
0,077	0,283	0,002	0,010	0,096	FALSE
0,160	0,274	0,008	0,012	0,263	FALSE
0,221	0,284	0,010	0,015	0,308	FALSE
0,073	0,276	0,003	0,009	0,129	FALSE
0,120	0,290	0,004	0,009	0,183	FALSE
0,005	0,298	0,000	0,009	0,003	FALSE
0,231	0,282	0,012	0,016	0,371	FALSE
0,011	0,276	0,002	0,008	0,094	FALSE
0,185	0,289	0,005	0,009	0,246	FALSE
-0,081	0,301	-0,001	0,008	0,060	FALSE
0,054	0,284	0,003	0,008	0,136	FALSE
-0,094	0,288	-0,006	0,015	0,161	FALSE
-0,080	0,284	-0,002	0,008	0,098	FALSE
0,075	0,286	0,000	0,016	0,005	FALSE
-0,075	0,270	-0,001	0,007	0,046	FALSE

0,078	0,289	0,004	0,013	0,107	FALSE
-0,046	0,279	-0,002	0,013	0,050	FALSE
0,096	0,295	0,003	0,010	0,119	FALSE
0,195	0,279	0,006	0,009	0,291	FALSE
0,182	0,292	0,005	0,009	0,232	FALSE
0,252	0,270	0,009	0,010	0,447	FALSE
-0,099	0,299	-0,004	0,014	0,115	FALSE
-0,070	0,299	-0,002	0,010	0,094	FALSE
0,053	0,279	0,001	0,009	0,053	FALSE
-0,040	0,285	-0,001	0,013	0,027	FALSE
0,139	0,291	0,005	0,011	0,167	FALSE
0,088	0,288	0,001	0,015	0,030	FALSE
0,005	0,277	-0,002	0,014	0,062	FALSE
-0,026	0,280	-0,001	0,009	0,027	FALSE
-0,036	0,292	-0,002	0,015	0,045	FALSE
0,039	0,280	0,005	0,015	0,143	FALSE
-0,085	0,278	-0,002	0,011	0,063	FALSE
-0,037	0,288	-0,002	0,011	0,068	FALSE
-0,059	0,298	-0,001	0,008	0,027	FALSE
-0,054	0,284	-0,001	0,013	0,037	FALSE
-0,066	0,284	-0,001	0,008	0,027	FALSE
-0,091	0,279	-0,002	0,014	0,053	FALSE
-0,162	0,283	-0,007	0,012	0,250	FALSE
-0,077	0,288	-0,002	0,008	0,116	FALSE
0,081	0,302	0,003	0,011	0,106	FALSE
-0,105	0,270	-0,003	0,010	0,101	FALSE
-0,089	0,274	-0,005	0,012	0,185	FALSE
0,053	0,294	0,003	0,008	0,158	FALSE
-0,127	0,282	-0,005	0,011	0,187	FALSE
0,103	0,277	0,002	0,012	0,076	FALSE
0,007	0,302	0,001	0,013	0,039	FALSE
-0,156	0,279	-0,004	0,007	0,235	FALSE
-0,048	0,293	-0,001	0,009	0,056	FALSE
0,159	0,272	0,004	0,010	0,155	FALSE
-0,196	0,271	-0,006	0,011	0,221	FALSE
0,143	0,275	0,004	0,010	0,139	FALSE
0,170	0,273	0,004	0,011	0,156	FALSE
-0,083	0,288	-0,005	0,013	0,173	FALSE
-0,236	0,288	-0,007	0,009	0,363	FALSE
-0,196	0,272	-0,004	0,009	0,218	FALSE
0,062	0,298	0,001	0,008	0,047	FALSE
0,079	0,292	0,003	0,011	0,104	FALSE
0,187	0,294	0,011	0,015	0,351	FALSE
0,050	0,289	0,001	0,009	0,050	FALSE
-0,079	0,297	-0,005	0,012	0,157	FALSE
-0,024	0,278	0,000	0,008	0,014	FALSE
-0,046	0,283	-0,004	0,012	0,142	FALSE
-0,130	0,287	-0,002	0,008	0,074	FALSE
-0,058	0,273	-0,002	0,014	0,044	FALSE
-0,071	0,284	-0,003	0,013	0,075	FALSE
-0,156	0,284	-0,005	0,009	0,252	FALSE
0,021	0,285	0,001	0,011	0,039	FALSE
-0,011	0,288	-0,001	0,012	0,015	FALSE

-0,083	0,282	-0,004	0,013	0,113	FALSE
-0,028	0,287	-0,001	0,014	0,019	FALSE
0,135	0,284	0,007	0,015	0,178	FALSE
-0,015	0,294	0,000	0,010	0,014	FALSE
0,024	0,309	0,002	0,009	0,084	FALSE
-0,120	0,281	-0,002	0,007	0,123	FALSE
0,141	0,303	0,005	0,012	0,174	FALSE
0,152	0,284	0,004	0,010	0,170	FALSE
0,161	0,276	0,008	0,014	0,235	FALSE
0,101	0,279	0,003	0,009	0,130	FALSE
-0,088	0,280	-0,001	0,010	0,043	FALSE
0,034	0,287	0,003	0,013	0,076	FALSE
0,006	0,284	0,001	0,008	0,034	FALSE
-0,087	0,286	-0,001	0,007	0,036	FALSE
-0,041	0,295	0,001	0,011	0,036	FALSE
-0,164	0,283	-0,004	0,009	0,183	FALSE
0,071	0,270	0,002	0,010	0,067	FALSE
-0,024	0,292	-0,001	0,013	0,036	FALSE
0,034	0,288	0,002	0,013	0,066	FALSE
-0,094	0,279	-0,004	0,007	0,213	FALSE
-0,035	0,307	0,000	0,010	0,009	FALSE
-0,002	0,292	0,000	0,008	0,005	FALSE
-0,030	0,288	-0,003	0,007	0,136	FALSE
0,044	0,283	0,002	0,008	0,082	FALSE
0,202	0,271	0,007	0,011	0,261	FALSE
0,073	0,288	0,000	0,011	0,013	FALSE
-0,062	0,278	-0,001	0,011	0,028	FALSE
-0,074	0,293	-0,002	0,010	0,090	FALSE
0,073	0,296	0,002	0,009	0,062	FALSE
-0,021	0,282	0,000	0,013	0,008	FALSE
-0,142	0,280	-0,006	0,014	0,160	FALSE
-0,081	0,279	-0,005	0,012	0,149	FALSE
-0,090	0,278	-0,004	0,008	0,193	FALSE
-0,085	0,277	-0,005	0,012	0,176	FALSE
0,042	0,283	0,002	0,008	0,075	FALSE
0,008	0,289	-0,001	0,008	0,068	FALSE
0,035	0,288	0,001	0,007	0,034	FALSE
0,068	0,306	0,002	0,010	0,081	FALSE
-0,037	0,272	0,000	0,011	0,002	FALSE
0,050	0,277	-0,001	0,008	0,032	FALSE
-0,100	0,274	-0,004	0,014	0,123	FALSE
-0,092	0,277	-0,004	0,015	0,100	FALSE
0,089	0,286	0,003	0,008	0,123	FALSE
0,147	0,291	0,005	0,010	0,204	FALSE
-0,043	0,291	-0,001	0,010	0,020	FALSE
-0,052	0,282	0,000	0,010	0,002	FALSE
-0,151	0,290	-0,003	0,007	0,152	FALSE
-0,033	0,280	-0,001	0,007	0,043	FALSE
-0,052	0,288	-0,001	0,008	0,030	FALSE
-0,052	0,290	-0,002	0,011	0,063	FALSE
-0,211	0,274	-0,008	0,015	0,221	FALSE
-0,045	0,289	-0,002	0,011	0,080	FALSE
0,040	0,282	0,000	0,008	0,012	FALSE

-0,050	0,305	-0,001	0,008	0,053	FALSE
0,085	0,273	0,004	0,009	0,195	FALSE
-0,166	0,299	-0,006	0,011	0,235	FALSE
0,176	0,292	0,007	0,011	0,285	FALSE
-0,165	0,285	-0,007	0,014	0,196	FALSE
0,016	0,298	0,001	0,009	0,035	FALSE
-0,023	0,289	0,000	0,009	0,004	FALSE
0,116	0,274	0,002	0,011	0,083	FALSE
-0,066	0,285	-0,003	0,012	0,085	FALSE
-0,154	0,280	-0,002	0,008	0,112	FALSE
-0,011	0,285	0,001	0,015	0,012	FALSE
-0,118	0,279	-0,007	0,014	0,207	FALSE
0,061	0,285	0,003	0,012	0,090	FALSE
0,105	0,281	0,006	0,014	0,183	FALSE
-0,036	0,293	-0,001	0,013	0,043	FALSE
-0,093	0,295	-0,001	0,010	0,024	FALSE
0,023	0,294	0,001	0,008	0,023	FALSE
0,193	0,283	0,006	0,010	0,256	FALSE
0,070	0,300	0,002	0,008	0,087	FALSE
0,084	0,286	0,005	0,015	0,118	FALSE
0,136	0,289	0,005	0,014	0,135	FALSE
0,145	0,279	0,005	0,014	0,148	FALSE
0,002	0,288	0,000	0,008	0,018	FALSE
0,108	0,288	0,002	0,011	0,079	FALSE
0,184	0,276	0,003	0,008	0,168	FALSE
-0,129	0,289	-0,005	0,010	0,202	FALSE
-0,059	0,280	-0,003	0,009	0,125	FALSE
0,120	0,300	0,004	0,011	0,143	FALSE
-0,054	0,267	-0,003	0,012	0,086	FALSE
0,025	0,278	0,001	0,014	0,023	FALSE
-0,016	0,274	-0,002	0,008	0,077	FALSE
-0,001	0,279	-0,001	0,009	0,030	FALSE
0,177	0,289	0,006	0,011	0,239	FALSE
0,027	0,283	0,000	0,014	0,004	FALSE
-0,079	0,284	-0,005	0,011	0,168	FALSE
-0,098	0,281	-0,005	0,013	0,149	FALSE
-0,005	0,294	-0,002	0,014	0,049	FALSE
-0,149	0,283	-0,005	0,010	0,200	FALSE
-0,129	0,277	-0,004	0,010	0,175	FALSE
-0,068	0,293	-0,003	0,010	0,099	FALSE
-0,038	0,272	-0,001	0,008	0,069	FALSE
0,014	0,288	-0,001	0,011	0,040	FALSE
-0,055	0,282	-0,001	0,008	0,064	FALSE
-0,042	0,284	-0,002	0,012	0,066	FALSE
-0,153	0,277	-0,004	0,007	0,203	FALSE
-0,005	0,276	0,000	0,010	0,009	FALSE
-0,044	0,293	-0,002	0,010	0,069	FALSE
-0,077	0,299	-0,002	0,013	0,068	FALSE
-0,044	0,278	0,000	0,014	0,005	FALSE
-0,059	0,295	-0,001	0,015	0,013	FALSE
0,054	0,288	0,001	0,009	0,026	FALSE
-0,035	0,308	-0,001	0,016	0,027	FALSE
-0,152	0,280	-0,003	0,009	0,128	FALSE

0,098	0,295	0,002	0,009	0,066	FALSE
0,196	0,289	0,005	0,008	0,262	FALSE
0,076	0,275	0,004	0,010	0,173	FALSE
0,111	0,290	0,005	0,011	0,195	FALSE
0,138	0,287	0,002	0,008	0,113	FALSE
0,019	0,281	0,002	0,012	0,064	FALSE
-0,227	0,282	-0,009	0,013	0,292	FALSE
0,079	0,291	0,002	0,009	0,093	FALSE
0,071	0,284	0,003	0,009	0,146	FALSE
-0,110	0,279	-0,002	0,011	0,067	FALSE
0,128	0,291	0,003	0,012	0,104	FALSE
-0,132	0,289	-0,003	0,009	0,146	FALSE
0,210	0,275	0,004	0,009	0,201	FALSE
0,162	0,301	0,005	0,008	0,235	FALSE
0,042	0,290	0,001	0,013	0,036	FALSE
-0,087	0,279	-0,006	0,013	0,189	FALSE
0,114	0,291	0,002	0,008	0,108	FALSE
-0,161	0,278	-0,005	0,009	0,254	FALSE
-0,145	0,300	-0,004	0,010	0,181	FALSE
-0,002	0,294	0,000	0,009	0,012	FALSE
-0,087	0,281	-0,001	0,009	0,043	FALSE
0,013	0,286	0,000	0,010	0,007	FALSE
0,067	0,277	0,003	0,008	0,137	FALSE
0,037	0,269	-0,002	0,010	0,067	FALSE
0,033	0,283	0,000	0,013	0,002	FALSE
-0,023	0,286	0,000	0,011	0,010	FALSE
-0,050	0,286	-0,004	0,012	0,136	FALSE
0,023	0,283	0,000	0,010	0,013	FALSE
0,187	0,279	0,006	0,013	0,209	FALSE
0,018	0,289	-0,001	0,011	0,048	FALSE
0,070	0,278	0,004	0,014	0,102	FALSE
0,055	0,292	0,001	0,013	0,038	FALSE
0,088	0,303	0,003	0,013	0,097	FALSE
-0,038	0,296	-0,001	0,009	0,031	FALSE
0,003	0,277	0,001	0,014	0,024	FALSE
-0,020	0,283	-0,001	0,008	0,048	FALSE
-0,062	0,280	-0,004	0,014	0,098	FALSE
-0,092	0,290	-0,002	0,010	0,080	FALSE
-0,067	0,295	-0,001	0,010	0,049	FALSE
-0,080	0,285	-0,002	0,008	0,119	FALSE
-0,099	0,290	-0,005	0,015	0,121	FALSE
0,138	0,282	0,005	0,009	0,232	FALSE
0,179	0,273	0,005	0,009	0,266	FALSE
0,054	0,278	0,001	0,009	0,041	FALSE
0,043	0,273	0,000	0,009	0,018	FALSE
0,095	0,306	0,003	0,015	0,073	FALSE
0,053	0,310	0,002	0,015	0,046	FALSE
-0,021	0,280	-0,001	0,013	0,026	FALSE
-0,028	0,295	-0,002	0,015	0,059	FALSE
0,195	0,274	0,006	0,008	0,356	FALSE
0,086	0,289	0,001	0,008	0,051	FALSE
-0,045	0,286	-0,004	0,015	0,103	FALSE
0,019	0,299	-0,001	0,011	0,035	FALSE

-0,019	0,286	0,001	0,009	0,030	FALSE
0,200	0,276	0,007	0,012	0,233	FALSE
0,038	0,283	0,003	0,007	0,142	FALSE
0,144	0,286	0,005	0,012	0,164	FALSE
0,123	0,290	0,002	0,007	0,143	FALSE
0,078	0,293	0,003	0,014	0,095	FALSE
-0,062	0,279	-0,001	0,007	0,026	FALSE
-0,136	0,290	-0,004	0,010	0,146	FALSE
0,071	0,284	0,002	0,008	0,084	FALSE
0,137	0,275	0,004	0,008	0,201	FALSE
0,106	0,289	0,002	0,008	0,096	FALSE
0,133	0,272	0,004	0,009	0,180	FALSE
0,068	0,284	0,003	0,012	0,081	FALSE
0,138	0,295	0,004	0,007	0,196	FALSE
-0,028	0,299	0,000	0,010	0,011	FALSE
0,005	0,276	0,000	0,008	0,009	FALSE
-0,049	0,269	-0,001	0,007	0,061	FALSE
-0,109	0,282	-0,003	0,008	0,129	FALSE
-0,044	0,286	-0,001	0,007	0,036	FALSE
0,268	0,270	0,006	0,008	0,317	FALSE
0,011	0,289	-0,001	0,008	0,039	FALSE
-0,068	0,283	-0,001	0,011	0,047	FALSE
-0,086	0,287	-0,003	0,008	0,168	FALSE
0,144	0,270	0,004	0,009	0,211	FALSE
-0,173	0,272	-0,006	0,010	0,294	FALSE
-0,053	0,287	0,000	0,008	0,019	FALSE
-0,039	0,280	-0,003	0,014	0,084	FALSE
-0,027	0,269	0,000	0,009	0,006	FALSE
-0,136	0,275	-0,004	0,012	0,124	FALSE
0,008	0,274	0,003	0,015	0,066	FALSE
0,077	0,282	0,002	0,007	0,094	FALSE
-0,006	0,289	-0,001	0,009	0,046	FALSE
-0,028	0,289	-0,001	0,008	0,040	FALSE
-0,085	0,289	-0,002	0,011	0,077	FALSE
-0,175	0,290	-0,008	0,014	0,249	FALSE
0,002	0,284	0,002	0,014	0,040	FALSE
-0,055	0,283	-0,003	0,015	0,069	FALSE
-0,042	0,287	0,000	0,007	0,022	FALSE
-0,081	0,284	-0,002	0,007	0,083	FALSE
-0,159	0,273	-0,005	0,013	0,153	FALSE
0,023	0,272	0,001	0,014	0,029	FALSE
-0,027	0,286	0,000	0,008	0,012	FALSE
0,148	0,286	0,007	0,015	0,216	FALSE
-0,202	0,288	-0,006	0,012	0,225	FALSE
0,019	0,279	0,000	0,008	0,014	FALSE
-0,261	0,266	-0,011	0,011	0,455	FALSE
-0,050	0,281	-0,006	0,014	0,180	FALSE
0,026	0,292	0,002	0,011	0,071	FALSE
0,044	0,299	0,001	0,013	0,035	FALSE
0,050	0,279	0,000	0,007	0,012	FALSE
-0,019	0,298	0,000	0,014	0,004	FALSE
0,046	0,284	0,003	0,014	0,069	FALSE
0,137	0,287	0,006	0,011	0,246	FALSE

0,086	0,287	0,004	0,014	0,114	FALSE
0,100	0,291	0,005	0,009	0,222	FALSE
-0,046	0,282	-0,002	0,009	0,097	FALSE
0,028	0,299	0,002	0,015	0,054	FALSE
0,025	0,280	0,003	0,015	0,068	FALSE
0,088	0,284	0,005	0,013	0,143	FALSE
0,063	0,277	0,003	0,011	0,127	FALSE
0,058	0,290	0,000	0,011	0,016	FALSE
-0,065	0,286	-0,002	0,008	0,107	FALSE
0,104	0,283	0,004	0,011	0,143	FALSE
-0,076	0,285	-0,001	0,007	0,052	FALSE
-0,014	0,294	0,001	0,008	0,053	FALSE
-0,032	0,268	-0,002	0,012	0,055	FALSE
-0,024	0,305	-0,002	0,009	0,082	FALSE
0,017	0,289	0,001	0,014	0,020	FALSE
0,083	0,291	0,005	0,015	0,132	FALSE
-0,026	0,284	0,001	0,012	0,025	FALSE
-0,057	0,287	-0,001	0,011	0,026	FALSE
0,091	0,291	0,004	0,015	0,111	FALSE
-0,023	0,288	-0,001	0,009	0,055	FALSE
-0,035	0,279	-0,002	0,011	0,056	FALSE
0,010	0,269	-0,001	0,011	0,045	FALSE
-0,022	0,282	-0,001	0,007	0,028	FALSE
-0,011	0,282	-0,002	0,012	0,075	FALSE
0,018	0,300	0,002	0,009	0,068	FALSE
0,031	0,287	0,003	0,014	0,086	FALSE
0,017	0,293	0,003	0,013	0,076	FALSE
-0,086	0,287	-0,004	0,014	0,115	FALSE
-0,154	0,284	-0,007	0,013	0,214	FALSE
0,132	0,289	0,005	0,014	0,141	FALSE
0,018	0,286	0,001	0,014	0,016	FALSE
0,012	0,289	0,000	0,008	0,006	FALSE
0,104	0,279	0,002	0,007	0,119	FALSE
-0,060	0,274	-0,003	0,012	0,094	FALSE
0,022	0,281	-0,001	0,011	0,022	FALSE
-0,049	0,290	-0,001	0,014	0,022	FALSE
-0,044	0,277	-0,001	0,009	0,027	FALSE
-0,225	0,277	-0,006	0,009	0,321	FALSE
-0,083	0,295	-0,005	0,014	0,137	FALSE
-0,032	0,293	0,001	0,013	0,018	FALSE
-0,149	0,277	-0,004	0,008	0,232	FALSE
0,131	0,270	0,002	0,007	0,128	FALSE
-0,040	0,289	-0,001	0,008	0,060	FALSE
0,176	0,284	0,004	0,011	0,140	FALSE
-0,025	0,280	0,000	0,015	0,003	FALSE
0,075	0,291	0,002	0,010	0,083	FALSE
0,099	0,269	0,005	0,014	0,151	FALSE
-0,135	0,284	-0,007	0,015	0,184	FALSE
0,156	0,273	0,004	0,011	0,156	FALSE
-0,088	0,279	-0,002	0,013	0,051	FALSE
-0,145	0,282	-0,004	0,008	0,216	FALSE
-0,049	0,272	-0,005	0,010	0,186	FALSE
-0,043	0,276	-0,005	0,014	0,137	FALSE

0,053	0,295	0,004	0,012	0,126	FALSE
0,032	0,273	0,004	0,013	0,132	FALSE
-0,003	0,289	-0,001	0,010	0,048	FALSE
0,137	0,291	0,006	0,012	0,200	FALSE
-0,131	0,283	-0,008	0,014	0,231	FALSE
-0,033	0,298	-0,002	0,013	0,056	FALSE
0,052	0,296	0,002	0,012	0,077	FALSE
-0,042	0,286	-0,002	0,010	0,075	FALSE
0,049	0,285	0,001	0,009	0,041	FALSE
0,047	0,298	0,000	0,012	0,012	FALSE
0,115	0,281	0,003	0,010	0,119	FALSE
-0,053	0,279	-0,002	0,011	0,074	FALSE
-0,201	0,284	-0,006	0,009	0,292	FALSE
0,090	0,278	0,000	0,013	0,005	FALSE
-0,080	0,280	0,000	0,008	0,002	FALSE
-0,144	0,281	-0,003	0,009	0,129	FALSE
0,125	0,298	0,004	0,008	0,196	FALSE
-0,091	0,284	-0,004	0,013	0,115	FALSE
-0,078	0,284	-0,005	0,010	0,214	FALSE
0,007	0,261	0,000	0,010	0,011	FALSE
-0,183	0,288	-0,007	0,012	0,249	FALSE
-0,077	0,299	-0,003	0,011	0,126	FALSE
0,109	0,276	0,004	0,011	0,126	FALSE
0,124	0,277	0,002	0,009	0,082	FALSE
0,044	0,290	0,001	0,013	0,031	FALSE
-0,048	0,292	-0,002	0,014	0,054	FALSE
0,148	0,272	0,005	0,012	0,172	FALSE
-0,011	0,294	0,000	0,010	0,010	FALSE
-0,091	0,288	-0,006	0,015	0,165	FALSE
0,035	0,268	0,001	0,014	0,031	FALSE
0,113	0,281	0,003	0,013	0,081	FALSE
0,135	0,274	0,002	0,013	0,053	FALSE
0,028	0,289	-0,001	0,014	0,035	FALSE
0,144	0,294	0,003	0,010	0,130	FALSE
-0,028	0,265	0,000	0,011	0,013	FALSE
-0,086	0,281	-0,003	0,010	0,098	FALSE
-0,092	0,289	-0,003	0,011	0,113	FALSE
-0,102	0,280	-0,005	0,014	0,144	FALSE
-0,080	0,289	-0,004	0,014	0,095	FALSE
-0,021	0,288	0,000	0,010	0,002	FALSE
-0,070	0,286	-0,003	0,014	0,070	FALSE
-0,020	0,296	-0,001	0,011	0,017	FALSE
0,128	0,296	0,002	0,008	0,099	FALSE
-0,057	0,283	-0,002	0,011	0,083	FALSE
0,014	0,300	0,003	0,014	0,093	FALSE
-0,047	0,288	0,002	0,014	0,040	FALSE
0,108	0,273	0,003	0,011	0,129	FALSE
0,038	0,297	0,000	0,008	0,010	FALSE
0,131	0,280	0,004	0,010	0,165	FALSE
0,009	0,278	0,000	0,009	0,008	FALSE
0,156	0,284	0,007	0,013	0,224	FALSE
-0,154	0,285	-0,003	0,008	0,151	FALSE
-0,079	0,278	-0,003	0,010	0,117	FALSE

-0,048	0,284	-0,002	0,009	0,060	FALSE
0,030	0,289	0,000	0,008	0,015	FALSE
0,100	0,277	0,004	0,013	0,138	FALSE
-0,076	0,289	-0,004	0,014	0,102	FALSE
0,043	0,287	0,001	0,008	0,025	FALSE
0,038	0,293	0,001	0,008	0,055	FALSE
0,092	0,282	0,002	0,009	0,102	FALSE
0,029	0,286	-0,001	0,008	0,044	FALSE
-0,195	0,285	-0,005	0,009	0,249	FALSE
0,061	0,283	-0,002	0,013	0,058	FALSE
0,060	0,269	0,000	0,008	0,003	FALSE
-0,004	0,295	0,001	0,009	0,033	FALSE
-0,031	0,280	-0,003	0,009	0,127	FALSE
0,047	0,277	0,002	0,007	0,126	FALSE
-0,100	0,273	-0,003	0,013	0,099	FALSE
0,068	0,285	0,002	0,008	0,088	FALSE
-0,131	0,274	-0,003	0,010	0,125	FALSE
0,020	0,288	0,000	0,009	0,017	FALSE
-0,010	0,292	-0,001	0,009	0,026	FALSE
0,162	0,275	0,005	0,010	0,231	FALSE
-0,037	0,293	-0,002	0,009	0,098	FALSE
-0,015	0,290	-0,001	0,009	0,047	FALSE
0,157	0,276	0,006	0,015	0,166	FALSE
-0,020	0,276	0,001	0,011	0,034	FALSE
-0,041	0,275	-0,002	0,010	0,087	FALSE
-0,064	0,284	-0,001	0,015	0,029	FALSE
0,032	0,290	0,002	0,013	0,047	FALSE
-0,093	0,295	-0,002	0,008	0,118	FALSE
0,100	0,292	0,002	0,012	0,079	FALSE
-0,056	0,282	0,000	0,014	0,002	FALSE
-0,048	0,284	-0,001	0,007	0,078	FALSE
0,019	0,294	-0,001	0,010	0,020	FALSE
0,101	0,286	0,006	0,014	0,172	FALSE
0,165	0,286	0,006	0,012	0,214	FALSE
-0,080	0,287	-0,003	0,008	0,177	FALSE
0,057	0,287	0,002	0,008	0,072	FALSE
0,041	0,283	0,000	0,014	0,012	FALSE
-0,046	0,291	-0,001	0,010	0,048	FALSE
-0,172	0,282	-0,003	0,008	0,169	FALSE
-0,205	0,276	-0,004	0,008	0,211	FALSE
-0,059	0,297	-0,003	0,012	0,103	FALSE
0,132	0,274	0,005	0,014	0,145	FALSE
-0,188	0,274	-0,006	0,014	0,183	FALSE
-0,055	0,295	-0,002	0,012	0,048	FALSE
-0,157	0,284	-0,006	0,010	0,255	FALSE
0,097	0,293	0,004	0,013	0,134	FALSE
0,210	0,275	0,005	0,009	0,273	FALSE
0,120	0,283	0,003	0,008	0,146	FALSE
-0,012	0,287	-0,002	0,011	0,060	FALSE
-0,021	0,287	0,000	0,015	0,008	FALSE
-0,040	0,281	-0,001	0,009	0,024	FALSE
0,007	0,282	-0,001	0,008	0,045	FALSE
-0,017	0,277	0,001	0,008	0,045	FALSE

-0,211	0,270	-0,004	0,008	0,222	FALSE
-0,165	0,292	-0,004	0,008	0,195	FALSE
0,001	0,285	-0,002	0,012	0,054	FALSE
0,079	0,289	0,002	0,009	0,087	FALSE
0,044	0,287	-0,001	0,015	0,029	FALSE
0,033	0,263	0,000	0,009	0,017	FALSE
0,208	0,281	0,005	0,008	0,274	FALSE
0,042	0,275	0,003	0,014	0,069	FALSE
-0,004	0,295	0,000	0,010	0,013	FALSE
-0,316	0,276	-0,009	0,009	0,490	FALSE
0,042	0,300	0,000	0,011	0,013	FALSE
-0,146	0,295	-0,004	0,013	0,124	FALSE
0,081	0,264	0,002	0,010	0,065	FALSE
0,055	0,293	0,001	0,012	0,015	FALSE
-0,107	0,276	-0,004	0,009	0,193	FALSE
-0,046	0,296	-0,001	0,009	0,026	FALSE
0,006	0,292	0,000	0,009	0,011	FALSE
-0,019	0,296	0,001	0,008	0,053	FALSE
0,097	0,277	0,003	0,007	0,170	FALSE
0,065	0,283	0,002	0,012	0,063	FALSE
0,026	0,284	0,000	0,008	0,017	FALSE
-0,005	0,276	-0,003	0,013	0,081	FALSE
-0,024	0,291	-0,001	0,009	0,031	FALSE
0,128	0,291	0,005	0,013	0,148	FALSE
0,125	0,297	0,004	0,009	0,181	FALSE
0,106	0,289	0,005	0,014	0,136	FALSE
0,003	0,290	0,003	0,014	0,087	FALSE
-0,114	0,290	-0,003	0,011	0,115	FALSE
-0,037	0,293	0,001	0,008	0,028	FALSE
0,028	0,293	0,001	0,008	0,054	FALSE
0,238	0,268	0,008	0,015	0,218	FALSE
-0,085	0,296	-0,002	0,009	0,103	FALSE
-0,012	0,282	0,000	0,012	0,011	FALSE
-0,023	0,291	0,000	0,014	0,004	FALSE
-0,010	0,290	-0,002	0,010	0,055	FALSE
0,063	0,286	0,001	0,008	0,038	FALSE
0,081	0,277	0,003	0,009	0,121	FALSE
-0,009	0,291	-0,001	0,011	0,021	FALSE
-0,001	0,288	0,001	0,007	0,052	FALSE
-0,021	0,278	-0,001	0,010	0,053	FALSE
-0,116	0,293	-0,003	0,008	0,133	FALSE
-0,112	0,293	-0,004	0,015	0,117	FALSE
0,070	0,296	0,000	0,011	0,010	FALSE
-0,083	0,280	-0,002	0,009	0,094	FALSE
0,029	0,287	0,001	0,009	0,031	FALSE
-0,323	0,269	-0,015	0,012	0,663	FALSE
0,013	0,285	0,002	0,015	0,044	FALSE
0,025	0,271	0,003	0,014	0,067	FALSE
0,033	0,281	0,003	0,015	0,072	FALSE
0,040	0,285	0,001	0,008	0,065	FALSE
0,000	0,291	0,000	0,011	0,015	FALSE
0,021	0,286	0,000	0,011	0,008	FALSE
-0,053	0,287	0,000	0,012	0,009	FALSE

0,191	0,285	0,010	0,015	0,305	FALSE
0,013	0,278	0,000	0,010	0,000	FALSE
0,044	0,275	0,000	0,014	0,002	FALSE
0,162	0,281	0,005	0,015	0,125	FALSE
0,198	0,273	0,006	0,013	0,200	FALSE
-0,043	0,282	-0,002	0,013	0,054	FALSE
-0,127	0,291	-0,005	0,015	0,147	FALSE
-0,089	0,282	-0,003	0,015	0,066	FALSE
-0,162	0,269	-0,004	0,008	0,183	FALSE
-0,185	0,281	-0,004	0,008	0,219	FALSE
0,041	0,289	0,000	0,015	0,008	FALSE
0,039	0,260	-0,002	0,012	0,056	FALSE
-0,104	0,284	-0,004	0,015	0,101	FALSE
-0,035	0,288	-0,001	0,008	0,037	FALSE
-0,104	0,298	-0,003	0,011	0,113	FALSE
0,174	0,286	0,005	0,010	0,237	FALSE
0,095	0,297	0,005	0,011	0,193	FALSE
-0,169	0,272	-0,008	0,014	0,230	FALSE
0,251	0,271	0,005	0,008	0,295	FALSE
-0,161	0,286	-0,005	0,009	0,253	FALSE
0,007	0,288	0,000	0,011	0,002	FALSE
0,042	0,291	0,003	0,011	0,119	FALSE
0,149	0,290	0,006	0,013	0,177	FALSE
-0,022	0,296	-0,001	0,008	0,061	FALSE
0,138	0,282	0,005	0,013	0,149	FALSE
-0,096	0,284	-0,003	0,008	0,134	FALSE
0,071	0,287	0,003	0,008	0,131	FALSE
0,090	0,277	0,003	0,008	0,143	FALSE
-0,074	0,296	-0,004	0,014	0,112	FALSE
-0,048	0,286	-0,004	0,009	0,156	FALSE
-0,096	0,286	-0,001	0,010	0,024	FALSE
0,031	0,290	0,001	0,008	0,044	FALSE
0,055	0,287	0,005	0,015	0,143	FALSE
-0,009	0,285	0,002	0,016	0,055	FALSE
-0,024	0,276	0,002	0,015	0,043	FALSE
-0,064	0,288	-0,003	0,014	0,077	FALSE
-0,057	0,288	-0,002	0,013	0,059	FALSE
-0,008	0,279	0,002	0,009	0,097	FALSE
0,068	0,285	0,000	0,013	0,003	FALSE
-0,043	0,297	-0,002	0,012	0,052	FALSE
-0,036	0,269	0,000	0,013	0,009	FALSE
-0,031	0,285	0,000	0,015	0,003	FALSE
-0,039	0,291	-0,002	0,010	0,084	FALSE
-0,138	0,280	-0,004	0,009	0,168	FALSE
-0,072	0,295	-0,004	0,015	0,097	FALSE
0,023	0,293	0,000	0,012	0,013	FALSE
-0,098	0,279	-0,003	0,008	0,155	FALSE
-0,110	0,276	-0,001	0,008	0,040	FALSE
-0,048	0,303	0,000	0,015	0,006	FALSE
0,017	0,292	0,001	0,008	0,064	FALSE
-0,040	0,286	0,001	0,010	0,037	FALSE
0,014	0,284	0,002	0,015	0,063	FALSE
0,055	0,288	0,005	0,015	0,149	FALSE

-0,121	0,291	-0,003	0,008	0,162	FALSE
0,082	0,268	0,002	0,011	0,083	FALSE
0,157	0,285	0,005	0,009	0,227	FALSE
-0,128	0,299	-0,004	0,013	0,109	FALSE
-0,041	0,287	-0,002	0,010	0,074	FALSE
0,043	0,282	0,003	0,014	0,084	FALSE
0,253	0,258	0,011	0,013	0,402	FALSE
0,080	0,289	0,003	0,015	0,089	FALSE
0,022	0,270	0,000	0,010	0,001	FALSE
0,036	0,289	0,000	0,011	0,007	FALSE
-0,031	0,286	-0,001	0,010	0,022	FALSE
-0,007	0,270	0,000	0,010	0,003	FALSE
0,004	0,284	0,000	0,012	0,010	FALSE
-0,013	0,292	0,001	0,013	0,031	FALSE
0,030	0,276	0,000	0,013	0,000	FALSE
-0,092	0,286	-0,001	0,009	0,059	FALSE
0,133	0,266	0,006	0,010	0,237	FALSE
0,183	0,283	0,004	0,008	0,232	FALSE
0,037	0,283	0,003	0,010	0,103	FALSE
-0,011	0,287	-0,001	0,008	0,031	FALSE
-0,012	0,297	-0,002	0,013	0,068	FALSE
0,095	0,272	0,003	0,007	0,148	FALSE
-0,021	0,281	-0,001	0,009	0,031	FALSE
0,127	0,298	0,004	0,011	0,144	FALSE
0,130	0,302	0,004	0,011	0,132	FALSE
0,035	0,288	0,004	0,008	0,178	FALSE
0,109	0,277	0,003	0,008	0,136	FALSE
0,020	0,299	-0,001	0,014	0,018	FALSE
0,073	0,292	0,002	0,015	0,038	FALSE
-0,134	0,280	-0,003	0,008	0,145	FALSE
-0,020	0,281	-0,001	0,011	0,021	FALSE
0,011	0,281	0,001	0,010	0,053	FALSE
0,025	0,304	0,002	0,010	0,083	FALSE
-0,081	0,285	-0,002	0,014	0,049	FALSE
0,032	0,284	0,003	0,012	0,100	FALSE
-0,070	0,272	-0,002	0,008	0,113	FALSE
-0,048	0,272	-0,003	0,014	0,082	FALSE
0,069	0,291	0,001	0,008	0,067	FALSE
0,038	0,287	0,003	0,015	0,086	FALSE
-0,052	0,276	-0,001	0,007	0,061	FALSE
0,022	0,290	0,000	0,015	0,007	FALSE
0,018	0,292	0,000	0,009	0,001	FALSE
-0,067	0,276	-0,004	0,010	0,149	FALSE
-0,039	0,280	-0,001	0,007	0,056	FALSE
-0,024	0,280	-0,001	0,010	0,034	FALSE
0,158	0,280	0,004	0,011	0,136	FALSE
-0,191	0,287	-0,005	0,008	0,312	FALSE
0,021	0,289	0,002	0,008	0,074	FALSE
-0,099	0,289	-0,003	0,014	0,076	FALSE
-0,031	0,285	-0,001	0,008	0,043	FALSE
0,023	0,290	0,001	0,008	0,046	FALSE
0,127	0,294	0,005	0,011	0,178	FALSE
-0,065	0,279	-0,004	0,011	0,131	FALSE

0,070	0,297	0,004	0,011	0,132	FALSE
0,066	0,297	0,003	0,013	0,084	FALSE
-0,135	0,280	-0,004	0,008	0,198	FALSE
-0,011	0,294	0,000	0,010	0,000	FALSE
0,004	0,279	0,001	0,012	0,044	FALSE
-0,008	0,290	0,000	0,008	0,009	FALSE
0,032	0,271	0,001	0,010	0,024	FALSE
0,042	0,264	0,003	0,014	0,068	FALSE
0,040	0,274	0,001	0,010	0,025	FALSE
-0,021	0,287	0,000	0,011	0,001	FALSE
-0,065	0,288	-0,003	0,014	0,091	FALSE
0,016	0,284	0,001	0,008	0,038	FALSE
0,040	0,277	0,002	0,008	0,070	FALSE
-0,039	0,286	0,000	0,011	0,000	FALSE
0,019	0,296	0,000	0,015	0,009	FALSE
-0,035	0,282	-0,002	0,010	0,059	FALSE
-0,063	0,298	-0,002	0,007	0,079	FALSE
0,002	0,273	-0,001	0,007	0,038	FALSE
-0,071	0,268	-0,003	0,012	0,088	FALSE
0,159	0,276	0,005	0,008	0,287	FALSE
0,043	0,307	0,000	0,009	0,003	FALSE
-0,112	0,285	-0,002	0,009	0,086	FALSE
-0,068	0,286	0,000	0,007	0,016	FALSE
-0,186	0,271	-0,006	0,010	0,288	FALSE
-0,007	0,284	-0,001	0,008	0,026	FALSE
-0,029	0,293	-0,001	0,009	0,058	FALSE
-0,173	0,277	-0,004	0,010	0,179	FALSE
-0,069	0,295	-0,003	0,015	0,087	FALSE
-0,061	0,281	-0,002	0,008	0,072	FALSE
0,084	0,298	0,004	0,012	0,127	FALSE
-0,010	0,278	0,000	0,012	0,012	FALSE
-0,100	0,290	-0,002	0,007	0,082	FALSE
0,170	0,291	0,006	0,012	0,224	FALSE
-0,140	0,283	-0,004	0,008	0,200	FALSE
0,104	0,289	0,005	0,011	0,203	FALSE
-0,018	0,288	0,002	0,014	0,067	FALSE
0,049	0,289	0,003	0,015	0,080	FALSE
-0,010	0,293	-0,001	0,011	0,017	FALSE
-0,084	0,293	-0,002	0,015	0,058	FALSE
-0,079	0,297	-0,002	0,016	0,041	FALSE
-0,050	0,290	-0,002	0,008	0,109	FALSE
0,100	0,300	0,005	0,010	0,180	FALSE
-0,112	0,293	-0,001	0,008	0,051	FALSE
0,084	0,272	0,002	0,009	0,063	FALSE
-0,036	0,288	-0,002	0,013	0,044	FALSE
-0,046	0,302	-0,002	0,011	0,057	FALSE
-0,072	0,293	-0,004	0,010	0,138	FALSE
0,033	0,287	0,000	0,010	0,004	FALSE
0,125	0,275	0,003	0,007	0,134	FALSE
0,033	0,278	0,002	0,014	0,061	FALSE
0,062	0,287	0,002	0,009	0,089	FALSE
-0,118	0,279	-0,007	0,013	0,225	FALSE
-0,049	0,292	-0,001	0,013	0,036	FALSE

-0,074	0,273	-0,003	0,007	0,136	FALSE
-0,101	0,291	-0,002	0,009	0,092	FALSE
-0,130	0,302	-0,002	0,008	0,098	FALSE
0,168	0,278	0,008	0,014	0,241	FALSE
0,135	0,289	0,002	0,008	0,101	FALSE
0,059	0,295	0,001	0,010	0,041	FALSE
-0,002	0,297	0,001	0,008	0,043	FALSE
0,108	0,292	0,006	0,015	0,155	FALSE
-0,069	0,271	-0,005	0,013	0,165	FALSE
-0,009	0,282	-0,001	0,007	0,046	FALSE
-0,105	0,287	-0,006	0,014	0,166	FALSE
0,165	0,276	0,004	0,007	0,273	FALSE
0,188	0,279	0,007	0,014	0,204	FALSE
-0,222	0,274	-0,011	0,013	0,435	FALSE
-0,031	0,286	0,001	0,008	0,060	FALSE
-0,013	0,287	-0,001	0,013	0,017	FALSE
0,120	0,284	0,006	0,012	0,196	FALSE
0,166	0,288	0,007	0,013	0,222	FALSE
0,035	0,266	0,002	0,013	0,070	FALSE
0,019	0,288	0,000	0,007	0,023	FALSE
0,059	0,269	-0,001	0,012	0,038	FALSE
0,107	0,274	0,001	0,012	0,025	FALSE
0,148	0,276	0,008	0,013	0,255	FALSE
0,030	0,278	0,001	0,013	0,024	FALSE
-0,013	0,292	0,001	0,015	0,014	FALSE
-0,065	0,295	-0,003	0,010	0,106	FALSE
-0,014	0,279	0,000	0,013	0,012	FALSE
0,044	0,281	0,001	0,014	0,034	FALSE
0,039	0,288	0,001	0,009	0,044	FALSE
-0,124	0,290	-0,004	0,010	0,149	FALSE
-0,025	0,281	-0,003	0,012	0,095	FALSE
0,065	0,286	0,001	0,012	0,026	FALSE
-0,103	0,292	-0,001	0,011	0,025	FALSE
-0,065	0,288	-0,001	0,013	0,020	FALSE
-0,040	0,294	-0,001	0,013	0,036	FALSE
0,103	0,270	0,001	0,009	0,047	FALSE
-0,179	0,272	-0,004	0,011	0,154	FALSE
-0,082	0,304	-0,002	0,009	0,086	FALSE
0,074	0,297	0,004	0,013	0,113	FALSE
0,171	0,283	0,004	0,010	0,149	FALSE
0,048	0,277	0,001	0,008	0,041	FALSE
-0,053	0,290	0,000	0,009	0,010	FALSE
-0,088	0,274	-0,004	0,012	0,120	FALSE
0,043	0,292	0,001	0,007	0,070	FALSE
0,027	0,296	0,001	0,015	0,025	FALSE
-0,160	0,284	-0,007	0,015	0,194	FALSE
0,080	0,297	0,003	0,013	0,082	FALSE
-0,174	0,278	-0,005	0,008	0,252	FALSE
0,079	0,281	0,003	0,010	0,110	FALSE
0,072	0,289	0,001	0,010	0,020	FALSE
0,033	0,286	0,002	0,009	0,068	FALSE
0,081	0,292	0,006	0,014	0,174	FALSE
-0,150	0,279	-0,005	0,011	0,203	FALSE

0,017	0,270	-0,001	0,008	0,061	FALSE
0,131	0,282	0,004	0,009	0,180	FALSE
0,151	0,293	0,005	0,013	0,148	FALSE
0,082	0,268	0,002	0,011	0,073	FALSE
0,061	0,297	0,004	0,015	0,091	FALSE
0,046	0,288	0,004	0,012	0,144	FALSE
-0,089	0,290	-0,001	0,011	0,040	FALSE
-0,019	0,291	-0,002	0,010	0,070	FALSE
0,008	0,280	0,001	0,010	0,026	FALSE
0,092	0,278	0,003	0,009	0,115	FALSE
0,014	0,283	0,001	0,010	0,034	FALSE
0,042	0,277	0,000	0,013	0,011	FALSE
0,008	0,293	0,000	0,011	0,005	FALSE
0,003	0,284	-0,001	0,014	0,036	FALSE
-0,001	0,278	0,001	0,014	0,027	FALSE
-0,027	0,292	0,000	0,013	0,010	FALSE
-0,023	0,303	0,000	0,012	0,002	FALSE
0,046	0,279	-0,002	0,015	0,038	FALSE
-0,050	0,290	-0,001	0,009	0,059	FALSE
0,049	0,302	0,001	0,008	0,035	FALSE
-0,021	0,302	-0,001	0,010	0,018	FALSE
-0,001	0,303	0,001	0,015	0,029	FALSE
-0,161	0,293	-0,006	0,013	0,202	FALSE
-0,108	0,281	-0,003	0,008	0,147	FALSE
-0,011	0,277	0,000	0,007	0,004	FALSE
-0,104	0,276	-0,003	0,015	0,081	FALSE
0,223	0,271	0,006	0,009	0,275	FALSE
-0,133	0,256	-0,006	0,013	0,198	FALSE
-0,044	0,269	-0,003	0,013	0,073	FALSE
-0,127	0,278	-0,005	0,014	0,136	FALSE
0,087	0,287	0,002	0,010	0,071	FALSE
-0,092	0,289	-0,005	0,015	0,130	FALSE
0,053	0,279	0,001	0,009	0,042	FALSE
-0,075	0,276	-0,002	0,008	0,088	FALSE
-0,033	0,281	-0,003	0,009	0,110	FALSE
-0,071	0,294	0,000	0,008	0,016	FALSE
0,027	0,286	0,001	0,010	0,029	FALSE
0,121	0,286	0,003	0,014	0,073	FALSE
0,150	0,294	0,004	0,008	0,192	FALSE
0,019	0,277	0,002	0,010	0,077	FALSE
0,198	0,290	0,008	0,012	0,297	FALSE
0,008	0,270	0,000	0,007	0,017	FALSE
0,055	0,281	0,004	0,012	0,153	FALSE
-0,136	0,275	-0,004	0,012	0,129	FALSE
-0,048	0,279	-0,002	0,008	0,081	FALSE
-0,024	0,304	0,000	0,009	0,011	FALSE
-0,108	0,288	-0,003	0,009	0,145	FALSE
-0,044	0,290	-0,001	0,008	0,059	FALSE
-0,074	0,295	-0,002	0,015	0,056	FALSE
-0,090	0,278	-0,002	0,007	0,091	FALSE
-0,046	0,290	-0,003	0,014	0,070	FALSE
-0,125	0,297	-0,004	0,015	0,114	FALSE
-0,058	0,294	-0,001	0,012	0,031	FALSE

-0,125	0,285	-0,004	0,008	0,193	FALSE
-0,076	0,282	-0,002	0,012	0,065	FALSE
0,175	0,270	0,002	0,007	0,129	FALSE
0,148	0,290	0,002	0,008	0,096	FALSE
-0,098	0,278	-0,005	0,013	0,155	FALSE
0,215	0,289	0,005	0,008	0,235	FALSE
0,054	0,283	0,002	0,010	0,065	FALSE
0,078	0,287	0,006	0,014	0,171	FALSE
-0,030	0,284	0,000	0,010	0,005	FALSE
0,062	0,283	0,000	0,008	0,003	FALSE
-0,040	0,279	-0,001	0,010	0,028	FALSE
0,108	0,290	0,004	0,008	0,211	FALSE
-0,003	0,296	-0,001	0,014	0,030	FALSE
-0,066	0,285	-0,002	0,008	0,105	FALSE
0,092	0,287	0,003	0,011	0,090	FALSE
-0,096	0,284	-0,004	0,014	0,118	FALSE
-0,133	0,291	-0,006	0,016	0,150	FALSE
0,032	0,284	0,002	0,007	0,128	FALSE
-0,092	0,271	-0,004	0,012	0,125	FALSE
-0,008	0,265	-0,002	0,014	0,039	FALSE
-0,064	0,294	-0,005	0,012	0,147	FALSE
0,106	0,290	0,006	0,015	0,161	FALSE
0,028	0,283	0,003	0,014	0,089	FALSE
-0,075	0,290	-0,005	0,012	0,173	FALSE
0,049	0,284	0,004	0,013	0,129	FALSE
0,101	0,279	0,003	0,009	0,117	FALSE
0,039	0,283	0,001	0,009	0,033	FALSE
0,073	0,284	0,002	0,015	0,052	FALSE
-0,052	0,296	-0,002	0,015	0,050	FALSE
0,090	0,289	0,003	0,014	0,095	FALSE
0,142	0,288	0,003	0,008	0,151	FALSE
-0,025	0,290	-0,002	0,009	0,085	FALSE
-0,104	0,274	-0,003	0,008	0,147	FALSE
0,082	0,285	0,001	0,010	0,044	FALSE
0,009	0,294	0,001	0,010	0,024	FALSE
0,174	0,288	0,003	0,009	0,147	FALSE
-0,026	0,296	-0,001	0,014	0,036	FALSE
-0,009	0,294	-0,001	0,011	0,044	FALSE
-0,010	0,287	-0,001	0,010	0,030	FALSE
0,105	0,289	0,003	0,011	0,129	FALSE
0,021	0,298	0,002	0,015	0,041	FALSE
0,087	0,280	0,005	0,014	0,144	FALSE
0,051	0,269	0,001	0,009	0,065	FALSE
0,021	0,279	-0,001	0,011	0,027	FALSE
0,025	0,287	0,003	0,011	0,090	FALSE
0,126	0,299	0,008	0,014	0,243	FALSE
-0,058	0,293	-0,002	0,009	0,103	FALSE
0,017	0,287	0,003	0,012	0,093	FALSE
-0,032	0,288	-0,002	0,012	0,077	FALSE
-0,191	0,282	-0,004	0,008	0,201	FALSE
0,088	0,289	0,002	0,008	0,095	FALSE
-0,082	0,269	-0,001	0,008	0,058	FALSE
0,036	0,274	0,001	0,014	0,028	FALSE

-0,097	0,293	-0,003	0,009	0,121	FALSE
0,021	0,289	0,000	0,009	0,004	FALSE
-0,165	0,281	-0,005	0,009	0,234	FALSE
0,175	0,271	0,006	0,013	0,196	FALSE
0,028	0,283	0,001	0,008	0,063	FALSE
-0,056	0,288	-0,001	0,013	0,033	FALSE
0,192	0,283	0,004	0,010	0,156	FALSE
-0,023	0,298	0,000	0,010	0,015	FALSE
-0,035	0,301	0,000	0,010	0,009	FALSE
0,057	0,282	0,001	0,010	0,051	FALSE
-0,003	0,285	0,000	0,011	0,007	FALSE
0,048	0,282	0,001	0,008	0,067	FALSE
-0,081	0,284	-0,002	0,010	0,079	FALSE
0,106	0,282	0,001	0,009	0,056	FALSE
-0,183	0,276	-0,005	0,008	0,259	FALSE
-0,153	0,292	-0,004	0,010	0,157	FALSE
-0,027	0,295	-0,002	0,013	0,059	FALSE
-0,055	0,285	-0,003	0,015	0,072	FALSE
0,038	0,284	0,000	0,007	0,024	FALSE
0,055	0,284	0,002	0,008	0,075	FALSE
0,030	0,287	0,002	0,011	0,067	FALSE
0,058	0,266	0,004	0,011	0,132	FALSE
0,130	0,298	0,005	0,015	0,141	FALSE
-0,025	0,287	-0,002	0,010	0,054	FALSE
0,108	0,298	0,003	0,008	0,149	FALSE
-0,051	0,291	-0,001	0,010	0,022	FALSE
0,032	0,283	-0,002	0,013	0,053	FALSE
-0,090	0,294	-0,003	0,009	0,132	FALSE
0,061	0,262	0,000	0,008	0,006	FALSE
0,020	0,263	0,000	0,012	0,006	FALSE
0,057	0,272	0,000	0,008	0,001	FALSE
-0,122	0,272	-0,005	0,013	0,153	FALSE
-0,187	0,288	-0,003	0,008	0,169	FALSE
-0,076	0,272	-0,001	0,013	0,040	FALSE
-0,006	0,271	0,001	0,013	0,026	FALSE
-0,133	0,285	-0,004	0,010	0,148	FALSE
0,055	0,270	0,002	0,008	0,090	FALSE
0,152	0,291	0,009	0,015	0,262	FALSE
0,096	0,284	0,005	0,012	0,159	FALSE
0,093	0,295	0,005	0,014	0,143	FALSE
-0,009	0,297	0,000	0,009	0,016	FALSE
0,092	0,301	0,003	0,014	0,077	FALSE
0,037	0,304	0,002	0,011	0,064	FALSE
0,051	0,280	0,003	0,009	0,121	FALSE
0,185	0,276	0,006	0,012	0,207	FALSE
-0,001	0,294	0,000	0,009	0,017	FALSE
-0,022	0,302	-0,001	0,015	0,030	FALSE
0,101	0,292	0,002	0,014	0,055	FALSE
0,021	0,288	0,001	0,014	0,031	FALSE
0,031	0,289	0,000	0,011	0,005	FALSE
0,083	0,294	0,003	0,013	0,099	FALSE
-0,044	0,294	-0,003	0,014	0,065	FALSE
0,033	0,275	0,003	0,012	0,078	FALSE

0,070	0,281	0,002	0,012	0,054	FALSE
0,127	0,278	0,004	0,008	0,215	FALSE
-0,014	0,283	0,001	0,010	0,022	FALSE
-0,091	0,284	-0,005	0,009	0,214	FALSE
-0,135	0,276	-0,005	0,010	0,224	FALSE
0,128	0,297	0,003	0,008	0,191	FALSE
0,061	0,291	0,002	0,013	0,040	FALSE
0,094	0,284	0,001	0,009	0,031	FALSE
-0,024	0,287	-0,002	0,012	0,063	FALSE
0,024	0,265	-0,001	0,011	0,023	FALSE
0,006	0,284	0,000	0,009	0,007	FALSE
0,016	0,281	0,000	0,010	0,010	FALSE
0,017	0,271	0,001	0,008	0,032	FALSE
-0,026	0,291	0,000	0,009	0,014	FALSE
-0,035	0,289	0,000	0,007	0,005	FALSE
0,013	0,286	0,001	0,009	0,058	FALSE
-0,103	0,289	-0,002	0,008	0,121	FALSE
0,039	0,291	0,000	0,009	0,021	FALSE
-0,067	0,279	-0,003	0,009	0,140	FALSE
0,065	0,290	0,003	0,011	0,088	FALSE
-0,077	0,272	-0,005	0,014	0,145	FALSE
0,041	0,291	0,000	0,009	0,001	FALSE
0,099	0,294	0,003	0,008	0,168	FALSE
0,000	0,284	0,000	0,009	0,003	FALSE
-0,190	0,273	-0,006	0,010	0,242	FALSE
-0,065	0,279	-0,002	0,009	0,067	FALSE
-0,115	0,286	-0,003	0,009	0,132	FALSE
-0,012	0,282	-0,001	0,014	0,017	FALSE
-0,112	0,278	-0,005	0,014	0,145	FALSE
-0,010	0,274	0,001	0,014	0,019	FALSE
0,017	0,286	0,001	0,015	0,025	FALSE
-0,042	0,267	-0,001	0,008	0,052	FALSE
0,059	0,303	0,003	0,015	0,068	FALSE
0,046	0,283	0,001	0,011	0,046	FALSE
0,038	0,285	0,001	0,008	0,032	FALSE
0,120	0,285	0,003	0,009	0,148	FALSE
0,049	0,287	0,002	0,013	0,059	FALSE
0,115	0,292	0,005	0,013	0,155	FALSE
0,048	0,272	0,004	0,014	0,102	FALSE
-0,109	0,279	-0,004	0,009	0,170	FALSE
0,154	0,276	0,004	0,008	0,199	FALSE
0,095	0,281	0,002	0,010	0,073	FALSE
-0,037	0,291	-0,001	0,012	0,022	FALSE
0,024	0,292	0,001	0,011	0,039	FALSE
0,028	0,285	-0,002	0,014	0,045	FALSE
0,052	0,266	0,004	0,010	0,141	FALSE
0,033	0,286	0,003	0,011	0,128	FALSE
-0,098	0,299	-0,002	0,013	0,066	FALSE
-0,117	0,300	-0,005	0,014	0,137	FALSE
0,195	0,282	0,003	0,008	0,187	FALSE
-0,030	0,297	-0,002	0,012	0,070	FALSE
-0,073	0,275	-0,001	0,011	0,036	FALSE
0,084	0,287	0,001	0,007	0,071	FALSE

0,038	0,274	0,001	0,008	0,057	FALSE
-0,090	0,283	-0,006	0,012	0,202	FALSE
0,008	0,287	0,000	0,008	0,008	FALSE
0,070	0,287	0,002	0,012	0,048	FALSE
-0,091	0,282	-0,006	0,014	0,189	FALSE
0,121	0,291	0,004	0,012	0,117	FALSE
-0,049	0,281	-0,005	0,014	0,143	FALSE
0,113	0,281	0,004	0,015	0,111	FALSE
-0,074	0,293	-0,001	0,009	0,031	FALSE
-0,051	0,298	0,000	0,009	0,010	FALSE
0,021	0,289	0,001	0,008	0,070	FALSE
-0,020	0,283	0,002	0,013	0,048	FALSE
0,033	0,279	0,004	0,013	0,126	FALSE
-0,002	0,298	0,001	0,009	0,019	FALSE
-0,103	0,306	-0,003	0,010	0,112	FALSE
-0,061	0,280	-0,001	0,009	0,061	FALSE
0,007	0,289	-0,003	0,015	0,072	FALSE
-0,046	0,281	-0,003	0,009	0,158	FALSE
-0,140	0,282	-0,002	0,007	0,094	FALSE
0,233	0,267	0,008	0,015	0,216	FALSE
0,228	0,272	0,008	0,015	0,217	FALSE
0,069	0,269	0,001	0,011	0,043	FALSE
0,056	0,284	0,001	0,007	0,063	FALSE
-0,087	0,280	-0,002	0,011	0,074	FALSE
0,024	0,296	0,001	0,008	0,025	FALSE
-0,178	0,288	-0,004	0,009	0,186	FALSE
-0,206	0,275	-0,005	0,008	0,251	FALSE
-0,068	0,284	-0,001	0,012	0,040	FALSE
-0,102	0,285	-0,003	0,014	0,094	FALSE
-0,025	0,276	0,002	0,013	0,067	FALSE
0,011	0,286	0,000	0,013	0,008	FALSE
-0,020	0,294	-0,003	0,012	0,077	FALSE
0,016	0,297	0,000	0,014	0,001	FALSE
-0,030	0,304	-0,002	0,011	0,053	FALSE
-0,002	0,286	0,000	0,010	0,012	FALSE
-0,012	0,307	-0,001	0,013	0,020	FALSE
0,041	0,278	0,000	0,008	0,011	FALSE
0,071	0,277	0,001	0,012	0,045	FALSE
-0,003	0,291	0,000	0,009	0,013	FALSE
0,035	0,286	0,000	0,010	0,005	FALSE
0,176	0,293	0,003	0,008	0,142	FALSE
0,001	0,283	0,000	0,010	0,014	FALSE
0,011	0,283	0,001	0,008	0,058	FALSE
-0,133	0,271	-0,006	0,012	0,191	FALSE
-0,006	0,293	-0,001	0,008	0,030	FALSE
0,026	0,311	0,002	0,013	0,042	FALSE
0,004	0,296	-0,001	0,015	0,022	FALSE
0,057	0,311	0,002	0,014	0,049	FALSE
-0,047	0,292	0,000	0,014	0,002	FALSE
0,025	0,279	0,003	0,014	0,087	FALSE
0,034	0,283	0,001	0,011	0,044	FALSE
-0,075	0,282	-0,002	0,009	0,101	FALSE
-0,008	0,286	-0,002	0,008	0,075	FALSE

0,083	0,292	0,001	0,012	0,028	FALSE
0,134	0,287	0,006	0,015	0,167	FALSE
0,145	0,282	0,004	0,008	0,226	FALSE
-0,130	0,276	-0,006	0,013	0,184	FALSE
-0,029	0,293	0,000	0,015	0,009	FALSE
-0,143	0,285	-0,003	0,007	0,147	FALSE
0,029	0,304	0,001	0,011	0,042	FALSE
0,072	0,277	0,005	0,014	0,150	FALSE
0,006	0,302	0,000	0,008	0,010	FALSE
-0,040	0,282	-0,003	0,008	0,132	FALSE
-0,032	0,290	-0,001	0,009	0,042	FALSE
-0,043	0,282	-0,001	0,014	0,030	FALSE
0,019	0,284	0,002	0,011	0,071	FALSE
0,037	0,291	0,003	0,011	0,101	FALSE
-0,061	0,287	0,000	0,008	0,009	FALSE
0,045	0,306	0,002	0,010	0,068	FALSE
0,072	0,292	0,002	0,009	0,095	FALSE
0,018	0,293	0,001	0,008	0,032	FALSE
-0,042	0,283	-0,001	0,008	0,055	FALSE
0,024	0,276	0,001	0,011	0,031	FALSE
-0,113	0,286	-0,003	0,008	0,150	FALSE
-0,029	0,307	-0,001	0,012	0,019	FALSE
0,026	0,297	0,001	0,012	0,019	FALSE
-0,114	0,279	-0,004	0,015	0,095	FALSE
-0,072	0,286	-0,002	0,007	0,114	FALSE
0,090	0,292	0,002	0,007	0,118	FALSE
-0,147	0,278	-0,003	0,011	0,124	FALSE
0,148	0,284	0,003	0,008	0,166	FALSE
0,036	0,296	0,002	0,008	0,071	FALSE
0,131	0,294	0,004	0,010	0,157	FALSE
0,120	0,269	0,001	0,007	0,067	FALSE
-0,015	0,295	0,001	0,008	0,057	FALSE
-0,006	0,290	0,000	0,015	0,009	FALSE
0,011	0,282	0,000	0,015	0,010	FALSE
-0,087	0,275	-0,002	0,010	0,088	FALSE
-0,238	0,281	-0,007	0,009	0,391	FALSE
0,129	0,280	0,005	0,014	0,147	FALSE
0,116	0,277	0,003	0,013	0,077	FALSE
-0,107	0,276	-0,004	0,008	0,210	FALSE
-0,126	0,288	-0,004	0,010	0,174	FALSE
0,035	0,290	-0,001	0,008	0,023	FALSE
-0,018	0,271	-0,002	0,013	0,050	FALSE
0,100	0,280	0,003	0,010	0,098	FALSE
-0,065	0,287	-0,004	0,014	0,103	FALSE
-0,093	0,288	-0,003	0,008	0,119	FALSE
0,180	0,279	0,005	0,012	0,172	FALSE
-0,009	0,281	-0,001	0,007	0,073	FALSE
0,095	0,300	0,003	0,010	0,136	FALSE
0,056	0,310	0,003	0,011	0,100	FALSE
0,038	0,282	0,003	0,008	0,124	FALSE
-0,076	0,294	-0,002	0,009	0,077	FALSE
-0,102	0,268	-0,005	0,012	0,157	FALSE
0,147	0,289	0,005	0,014	0,136	FALSE

0,106	0,287	0,003	0,014	0,082	FALSE
0,125	0,288	0,004	0,014	0,112	FALSE
-0,146	0,285	-0,006	0,014	0,172	FALSE
-0,165	0,290	-0,006	0,014	0,182	FALSE
-0,007	0,273	-0,001	0,013	0,034	FALSE
0,055	0,287	0,002	0,013	0,067	FALSE
-0,105	0,282	-0,005	0,012	0,159	FALSE
0,090	0,282	0,003	0,010	0,100	FALSE
-0,096	0,287	-0,001	0,007	0,055	FALSE
-0,017	0,290	-0,004	0,012	0,119	FALSE
0,104	0,281	0,002	0,008	0,111	FALSE
0,047	0,277	0,001	0,007	0,035	FALSE
0,094	0,285	0,001	0,011	0,037	FALSE
-0,025	0,308	0,001	0,015	0,017	FALSE
0,223	0,279	0,008	0,010	0,375	FALSE
-0,004	0,291	0,000	0,008	0,004	FALSE
0,046	0,289	0,000	0,015	0,002	FALSE
0,248	0,272	0,008	0,012	0,331	FALSE
0,197	0,299	0,005	0,011	0,197	FALSE
-0,123	0,290	-0,005	0,014	0,138	FALSE
-0,025	0,286	0,000	0,009	0,016	FALSE
0,116	0,296	0,002	0,008	0,091	FALSE
-0,136	0,274	-0,002	0,010	0,096	FALSE
-0,031	0,292	-0,002	0,012	0,056	FALSE
0,039	0,291	0,003	0,008	0,176	FALSE
0,081	0,280	0,001	0,013	0,019	FALSE
0,021	0,286	-0,001	0,014	0,021	FALSE
0,120	0,279	0,003	0,007	0,166	FALSE
0,143	0,275	0,004	0,008	0,196	FALSE
0,018	0,294	0,001	0,015	0,012	FALSE
-0,044	0,293	-0,003	0,010	0,100	FALSE
0,151	0,292	0,006	0,010	0,235	FALSE
-0,072	0,277	-0,001	0,009	0,052	FALSE
0,052	0,304	0,001	0,009	0,059	FALSE
0,124	0,304	0,006	0,013	0,191	FALSE
-0,072	0,293	-0,002	0,008	0,088	FALSE
-0,043	0,288	-0,001	0,008	0,063	FALSE
-0,220	0,273	-0,010	0,014	0,325	FALSE
-0,062	0,297	0,000	0,015	0,001	FALSE
0,067	0,280	0,002	0,015	0,038	FALSE
-0,001	0,302	0,000	0,015	0,002	FALSE
-0,030	0,294	-0,001	0,015	0,027	FALSE
-0,143	0,274	-0,003	0,010	0,124	FALSE
-0,103	0,267	-0,003	0,012	0,082	FALSE
0,011	0,294	0,000	0,009	0,015	FALSE
-0,046	0,291	-0,001	0,008	0,048	FALSE
0,041	0,284	0,001	0,008	0,054	FALSE
-0,064	0,275	-0,003	0,008	0,129	FALSE
0,064	0,284	0,003	0,012	0,101	FALSE
0,119	0,267	0,003	0,011	0,103	FALSE
0,124	0,293	0,003	0,011	0,098	FALSE
-0,098	0,288	-0,006	0,015	0,173	FALSE
-0,039	0,282	0,000	0,007	0,025	FALSE

0,051	0,268	0,003	0,013	0,079	FALSE
0,030	0,278	0,000	0,014	0,004	FALSE
0,058	0,283	0,003	0,013	0,077	FALSE
0,122	0,268	0,006	0,013	0,195	FALSE
-0,040	0,279	0,000	0,013	0,011	FALSE
-0,082	0,284	-0,002	0,014	0,052	FALSE
0,116	0,282	0,005	0,014	0,132	FALSE
0,051	0,266	0,001	0,010	0,023	FALSE
-0,040	0,280	-0,003	0,011	0,096	FALSE
0,034	0,286	0,000	0,014	0,010	FALSE
0,037	0,291	0,001	0,015	0,024	FALSE
-0,063	0,274	-0,003	0,013	0,078	FALSE
0,039	0,276	0,002	0,014	0,061	FALSE
-0,041	0,276	0,000	0,008	0,021	FALSE
-0,131	0,279	-0,004	0,015	0,093	FALSE
-0,066	0,272	-0,001	0,012	0,018	FALSE
0,001	0,283	0,001	0,010	0,041	FALSE
-0,089	0,282	-0,003	0,011	0,109	FALSE
0,057	0,289	0,001	0,007	0,056	FALSE
0,091	0,299	0,004	0,014	0,107	FALSE
0,135	0,294	0,005	0,013	0,167	FALSE
0,007	0,279	0,000	0,012	0,003	FALSE
-0,101	0,278	-0,004	0,010	0,161	FALSE
-0,042	0,283	-0,001	0,010	0,041	FALSE
0,138	0,277	0,003	0,007	0,144	FALSE
-0,071	0,274	-0,002	0,010	0,087	FALSE
-0,022	0,298	0,001	0,009	0,050	FALSE
-0,048	0,287	-0,003	0,010	0,105	FALSE
-0,055	0,273	-0,005	0,012	0,152	FALSE
0,044	0,285	0,000	0,015	0,002	FALSE
0,077	0,292	0,002	0,011	0,081	FALSE
-0,018	0,297	0,000	0,009	0,014	FALSE
0,015	0,289	0,000	0,008	0,011	FALSE
0,017	0,296	0,000	0,011	0,005	FALSE
-0,093	0,279	-0,002	0,008	0,103	FALSE
0,083	0,287	0,002	0,010	0,077	FALSE
0,047	0,292	0,004	0,013	0,118	FALSE
0,003	0,286	0,000	0,011	0,015	FALSE
0,055	0,274	0,002	0,012	0,064	FALSE
0,040	0,287	0,000	0,012	0,012	FALSE
0,025	0,280	0,001	0,009	0,022	FALSE
0,243	0,264	0,008	0,013	0,268	FALSE
0,096	0,283	0,001	0,010	0,034	FALSE
0,186	0,299	0,005	0,008	0,290	FALSE
-0,041	0,281	-0,001	0,010	0,032	FALSE
0,113	0,292	0,004	0,011	0,121	FALSE
0,127	0,283	0,004	0,011	0,162	FALSE
0,091	0,289	0,003	0,011	0,099	FALSE
-0,043	0,281	-0,002	0,014	0,051	FALSE
-0,036	0,300	-0,002	0,015	0,043	FALSE
0,066	0,295	0,002	0,015	0,038	FALSE
0,134	0,266	0,001	0,008	0,026	FALSE
0,029	0,294	0,000	0,011	0,002	FALSE

0,080	0,300	0,004	0,014	0,100	FALSE
-0,015	0,288	0,000	0,014	0,005	FALSE
0,063	0,293	0,000	0,007	0,010	FALSE
0,033	0,288	0,000	0,010	0,006	FALSE
0,019	0,289	0,000	0,009	0,007	FALSE
0,039	0,271	0,002	0,014	0,050	FALSE
0,049	0,287	0,002	0,008	0,085	FALSE
0,025	0,290	0,004	0,015	0,114	FALSE
0,059	0,279	0,001	0,012	0,021	FALSE
0,129	0,291	0,005	0,011	0,197	FALSE
0,104	0,280	0,003	0,012	0,107	FALSE
0,098	0,273	0,002	0,010	0,092	FALSE
-0,030	0,279	0,001	0,009	0,044	FALSE
0,004	0,296	-0,001	0,015	0,032	FALSE
0,067	0,288	0,003	0,012	0,088	FALSE
-0,094	0,276	-0,004	0,010	0,163	FALSE
-0,088	0,279	-0,004	0,010	0,152	FALSE
0,123	0,287	0,006	0,013	0,175	FALSE
0,057	0,283	0,002	0,008	0,091	FALSE
-0,016	0,280	0,002	0,014	0,043	FALSE
0,197	0,272	0,005	0,012	0,181	FALSE
0,071	0,286	0,002	0,011	0,074	FALSE
0,226	0,288	0,005	0,008	0,285	FALSE
0,001	0,292	-0,001	0,010	0,042	FALSE
-0,140	0,297	-0,003	0,009	0,117	FALSE
0,126	0,281	0,005	0,015	0,130	FALSE
0,001	0,287	0,002	0,012	0,052	FALSE
0,006	0,282	0,000	0,011	0,003	FALSE
0,060	0,281	0,001	0,010	0,049	FALSE
0,005	0,291	0,000	0,011	0,010	FALSE
-0,005	0,280	-0,001	0,011	0,027	FALSE
0,070	0,282	0,001	0,008	0,039	FALSE
0,141	0,290	0,004	0,013	0,121	FALSE
0,071	0,288	0,001	0,014	0,029	FALSE
0,023	0,277	0,003	0,015	0,082	FALSE
-0,159	0,283	-0,004	0,013	0,100	FALSE
0,092	0,278	0,003	0,014	0,069	FALSE
-0,098	0,280	-0,002	0,010	0,074	FALSE
-0,060	0,279	-0,004	0,013	0,128	FALSE
-0,034	0,279	-0,003	0,013	0,090	FALSE
-0,035	0,285	0,000	0,007	0,023	FALSE
-0,086	0,290	-0,003	0,011	0,125	FALSE
0,058	0,282	0,003	0,008	0,148	FALSE
0,050	0,289	0,003	0,015	0,077	FALSE
-0,072	0,285	-0,002	0,008	0,097	FALSE
0,014	0,284	0,000	0,008	0,007	FALSE
0,000	0,279	-0,001	0,010	0,035	FALSE
-0,169	0,289	-0,006	0,012	0,223	FALSE
-0,057	0,290	-0,002	0,013	0,071	FALSE
-0,058	0,290	-0,002	0,009	0,065	FALSE
0,028	0,288	0,000	0,014	0,009	FALSE
0,007	0,281	0,002	0,013	0,046	FALSE
-0,023	0,304	-0,002	0,014	0,038	FALSE

-0,001	0,303	0,000	0,014	0,002	FALSE
-0,006	0,304	0,000	0,015	0,002	FALSE
-0,091	0,288	-0,002	0,011	0,062	FALSE
-0,068	0,293	-0,004	0,012	0,132	FALSE
-0,014	0,292	0,000	0,008	0,005	FALSE
0,193	0,268	0,005	0,010	0,228	FALSE
0,190	0,284	0,004	0,010	0,182	FALSE
0,039	0,281	0,003	0,014	0,086	FALSE
0,003	0,287	0,002	0,010	0,069	FALSE
-0,012	0,275	-0,001	0,008	0,023	FALSE
0,090	0,286	0,004	0,012	0,154	FALSE
-0,141	0,276	-0,007	0,014	0,225	FALSE
-0,075	0,277	-0,004	0,011	0,143	FALSE
-0,103	0,276	-0,005	0,009	0,224	FALSE
0,242	0,266	0,007	0,010	0,311	FALSE
-0,017	0,275	-0,001	0,012	0,025	FALSE
0,101	0,279	0,004	0,010	0,149	FALSE
0,140	0,272	0,003	0,008	0,170	FALSE
0,138	0,282	0,004	0,009	0,166	FALSE
0,078	0,282	0,001	0,013	0,041	FALSE
0,028	0,282	0,001	0,009	0,050	FALSE
0,155	0,306	0,003	0,008	0,141	FALSE
-0,033	0,291	-0,002	0,010	0,064	FALSE
0,031	0,274	0,001	0,007	0,033	FALSE
0,039	0,292	0,002	0,010	0,073	FALSE
-0,046	0,287	-0,002	0,011	0,071	FALSE
0,108	0,259	0,004	0,014	0,101	FALSE
-0,024	0,295	-0,001	0,009	0,039	FALSE
0,169	0,288	0,005	0,013	0,163	FALSE
0,098	0,282	0,002	0,011	0,075	FALSE
0,026	0,301	0,001	0,009	0,053	FALSE
0,043	0,287	0,000	0,013	0,001	FALSE
0,076	0,288	0,002	0,008	0,073	FALSE
0,041	0,298	0,003	0,008	0,128	FALSE
-0,039	0,272	-0,002	0,013	0,052	FALSE
-0,004	0,289	0,001	0,009	0,024	FALSE
-0,106	0,290	-0,002	0,008	0,113	FALSE
0,208	0,286	0,004	0,009	0,197	FALSE
0,034	0,292	0,001	0,008	0,057	FALSE
-0,080	0,281	-0,002	0,008	0,078	FALSE
-0,080	0,287	-0,003	0,014	0,091	FALSE
-0,027	0,277	0,000	0,014	0,010	FALSE
0,011	0,277	0,000	0,014	0,002	FALSE
0,044	0,306	0,001	0,015	0,032	FALSE
-0,033	0,285	-0,001	0,008	0,034	FALSE
-0,131	0,268	-0,006	0,010	0,260	FALSE
0,044	0,272	0,002	0,010	0,058	FALSE
0,138	0,279	0,002	0,007	0,124	FALSE
0,018	0,294	0,001	0,007	0,035	FALSE
-0,031	0,297	0,000	0,010	0,003	FALSE
0,000	0,282	0,003	0,014	0,073	FALSE
0,121	0,286	0,005	0,013	0,139	FALSE
-0,015	0,296	0,001	0,009	0,046	FALSE

0,047	0,287	0,001	0,011	0,038	FALSE
-0,125	0,294	-0,005	0,012	0,183	FALSE
-0,115	0,287	-0,003	0,009	0,149	FALSE
-0,072	0,292	-0,002	0,008	0,081	FALSE
0,007	0,295	0,002	0,015	0,054	FALSE
0,057	0,293	0,002	0,009	0,103	FALSE
0,205	0,282	0,009	0,012	0,317	FALSE
0,113	0,299	0,006	0,015	0,161	FALSE
-0,142	0,296	-0,005	0,010	0,188	FALSE
-0,022	0,278	0,001	0,010	0,052	FALSE
0,134	0,276	0,004	0,008	0,184	FALSE
0,114	0,278	0,001	0,008	0,056	FALSE
0,082	0,286	0,002	0,008	0,094	FALSE
0,067	0,306	0,003	0,008	0,123	FALSE
-0,057	0,287	-0,001	0,008	0,059	FALSE
-0,010	0,312	0,000	0,010	0,000	FALSE
-0,053	0,299	-0,002	0,011	0,049	FALSE
0,065	0,278	0,001	0,010	0,025	FALSE
0,073	0,290	0,003	0,009	0,116	FALSE
-0,003	0,279	-0,001	0,010	0,042	FALSE
0,128	0,284	0,003	0,009	0,136	FALSE
-0,012	0,275	-0,002	0,012	0,062	FALSE
-0,086	0,288	-0,003	0,013	0,072	FALSE
-0,101	0,277	-0,004	0,009	0,176	FALSE
0,049	0,300	0,001	0,010	0,049	FALSE
-0,048	0,290	0,000	0,007	0,025	FALSE
0,088	0,271	0,005	0,014	0,150	FALSE
0,009	0,275	0,004	0,011	0,129	FALSE
-0,138	0,284	-0,003	0,007	0,213	FALSE
-0,047	0,286	-0,004	0,015	0,106	FALSE
0,015	0,278	0,002	0,012	0,048	FALSE
-0,075	0,274	-0,007	0,014	0,196	FALSE
0,015	0,268	0,000	0,008	0,021	FALSE
-0,016	0,293	-0,002	0,011	0,070	FALSE
-0,016	0,293	-0,001	0,011	0,037	FALSE
-0,025	0,303	-0,002	0,012	0,066	FALSE
0,028	0,279	-0,001	0,011	0,022	FALSE
-0,017	0,286	-0,002	0,014	0,046	FALSE
-0,002	0,281	-0,002	0,010	0,068	FALSE
0,055	0,282	0,003	0,011	0,097	FALSE
-0,133	0,295	-0,006	0,014	0,160	FALSE
-0,099	0,297	-0,004	0,015	0,104	FALSE
0,007	0,280	0,001	0,008	0,038	FALSE
-0,159	0,275	-0,005	0,011	0,216	FALSE
0,074	0,294	0,002	0,010	0,072	FALSE
0,043	0,285	0,001	0,007	0,049	FALSE
0,076	0,284	0,003	0,008	0,145	FALSE
0,005	0,284	0,000	0,014	0,012	FALSE
0,193	0,279	0,005	0,013	0,174	FALSE
0,083	0,301	0,002	0,008	0,104	FALSE
0,103	0,289	0,004	0,015	0,107	FALSE
0,065	0,279	0,004	0,012	0,134	FALSE
0,060	0,293	0,003	0,009	0,134	FALSE

0,078	0,274	0,003	0,013	0,095	FALSE
-0,018	0,290	0,001	0,008	0,056	FALSE
0,035	0,304	0,001	0,014	0,015	FALSE
0,038	0,296	0,003	0,013	0,079	FALSE
0,077	0,286	0,002	0,012	0,072	FALSE
-0,011	0,299	-0,003	0,015	0,078	FALSE
-0,096	0,295	-0,002	0,008	0,093	FALSE
0,075	0,287	0,000	0,012	0,011	FALSE
0,041	0,290	0,001	0,012	0,032	FALSE
0,035	0,283	0,000	0,012	0,007	FALSE
-0,059	0,268	-0,002	0,007	0,096	FALSE
0,102	0,272	0,005	0,012	0,173	FALSE
0,022	0,295	0,000	0,009	0,006	FALSE
-0,135	0,288	-0,003	0,012	0,091	FALSE
-0,073	0,299	-0,002	0,014	0,059	FALSE
-0,033	0,300	0,000	0,010	0,016	FALSE
0,118	0,287	0,004	0,011	0,164	FALSE
-0,091	0,301	-0,006	0,014	0,181	FALSE
-0,108	0,277	-0,007	0,014	0,205	FALSE
-0,124	0,282	-0,008	0,015	0,227	FALSE
0,330	0,269	0,011	0,010	0,540	FALSE
0,125	0,278	0,002	0,008	0,086	FALSE
-0,064	0,293	-0,003	0,014	0,076	FALSE
0,086	0,297	0,003	0,007	0,149	FALSE
-0,068	0,284	-0,002	0,008	0,099	FALSE
0,142	0,283	0,005	0,009	0,226	FALSE
0,016	0,295	-0,001	0,010	0,048	FALSE
0,143	0,302	0,003	0,010	0,124	FALSE
-0,038	0,301	-0,001	0,008	0,031	FALSE
0,057	0,279	0,002	0,015	0,045	FALSE
0,075	0,289	0,003	0,015	0,066	FALSE
0,095	0,293	0,004	0,015	0,096	FALSE
0,014	0,295	-0,001	0,008	0,028	FALSE
0,058	0,292	0,000	0,012	0,001	FALSE
0,011	0,278	0,003	0,014	0,077	FALSE
-0,133	0,281	-0,004	0,011	0,140	FALSE
-0,069	0,302	-0,004	0,015	0,115	FALSE
0,057	0,274	0,002	0,008	0,071	FALSE
0,059	0,293	0,002	0,008	0,087	FALSE
0,140	0,296	0,003	0,008	0,178	FALSE
-0,231	0,260	-0,007	0,009	0,379	FALSE
0,141	0,277	0,005	0,014	0,133	FALSE
0,023	0,276	0,000	0,010	0,007	FALSE
-0,169	0,272	-0,007	0,010	0,329	FALSE
0,079	0,284	0,002	0,008	0,075	FALSE
-0,083	0,296	-0,003	0,009	0,128	FALSE
0,175	0,274	0,004	0,008	0,210	FALSE
-0,125	0,277	-0,003	0,007	0,166	FALSE
-0,163	0,297	-0,004	0,013	0,115	FALSE
-0,082	0,294	-0,003	0,014	0,085	FALSE
-0,032	0,291	-0,001	0,007	0,048	FALSE
-0,073	0,285	-0,001	0,009	0,055	FALSE
-0,104	0,297	-0,002	0,009	0,099	FALSE

0,186	0,289	0,008	0,013	0,282	FALSE
0,052	0,281	0,001	0,010	0,042	FALSE
-0,123	0,277	-0,006	0,012	0,201	FALSE
-0,010	0,282	-0,002	0,012	0,055	FALSE
0,012	0,289	0,001	0,007	0,048	FALSE
0,088	0,277	0,005	0,012	0,164	FALSE
-0,042	0,299	-0,001	0,010	0,040	FALSE
0,086	0,287	0,004	0,013	0,112	FALSE
-0,053	0,289	-0,003	0,014	0,073	FALSE
0,071	0,280	0,002	0,014	0,064	FALSE
-0,085	0,282	-0,004	0,015	0,113	FALSE
-0,077	0,277	-0,006	0,014	0,188	FALSE
0,066	0,285	0,003	0,013	0,101	FALSE
0,060	0,273	0,003	0,015	0,066	FALSE
-0,167	0,266	-0,004	0,009	0,191	FALSE
-0,124	0,275	-0,004	0,010	0,174	FALSE
0,020	0,288	0,000	0,014	0,007	FALSE
-0,093	0,277	-0,002	0,008	0,077	FALSE
0,065	0,284	0,003	0,007	0,167	FALSE
0,205	0,291	0,010	0,015	0,276	FALSE
-0,085	0,283	-0,002	0,014	0,061	FALSE
0,175	0,277	0,004	0,009	0,194	FALSE
-0,022	0,296	0,000	0,012	0,003	FALSE
0,009	0,289	0,001	0,008	0,025	FALSE
-0,031	0,256	-0,002	0,013	0,052	FALSE
-0,050	0,291	-0,003	0,012	0,096	FALSE
-0,138	0,292	-0,004	0,009	0,176	FALSE
0,113	0,289	0,002	0,008	0,109	FALSE
-0,080	0,292	-0,003	0,010	0,116	FALSE
-0,007	0,289	0,002	0,015	0,044	FALSE
-0,007	0,299	0,001	0,008	0,021	FALSE
-0,013	0,289	-0,001	0,010	0,030	FALSE
-0,168	0,287	-0,007	0,012	0,246	FALSE
-0,010	0,295	-0,001	0,008	0,029	FALSE
-0,037	0,291	-0,002	0,011	0,064	FALSE
-0,066	0,286	-0,002	0,012	0,051	FALSE
0,048	0,293	0,003	0,015	0,075	FALSE
-0,074	0,284	-0,001	0,008	0,027	FALSE
-0,181	0,287	-0,007	0,015	0,201	FALSE
0,039	0,278	0,000	0,008	0,022	FALSE
0,046	0,279	0,002	0,008	0,083	FALSE
-0,072	0,283	-0,001	0,014	0,028	FALSE
-0,050	0,284	-0,001	0,008	0,047	FALSE
-0,050	0,281	-0,001	0,013	0,038	FALSE
0,115	0,282	0,005	0,011	0,190	FALSE
-0,099	0,297	-0,003	0,011	0,098	FALSE
-0,029	0,289	-0,002	0,013	0,046	FALSE
0,176	0,286	0,004	0,009	0,179	FALSE
-0,012	0,277	-0,001	0,007	0,049	FALSE
-0,032	0,280	0,000	0,010	0,004	FALSE
-0,036	0,282	0,000	0,010	0,001	FALSE
0,007	0,301	0,001	0,010	0,055	FALSE
-0,073	0,281	-0,001	0,009	0,050	FALSE

0,080	0,290	0,003	0,007	0,151	FALSE
0,071	0,286	0,001	0,015	0,033	FALSE
0,064	0,289	0,001	0,015	0,021	FALSE
-0,124	0,285	-0,004	0,013	0,115	FALSE
-0,110	0,279	-0,004	0,014	0,120	FALSE
0,068	0,283	0,001	0,013	0,040	FALSE
-0,181	0,279	-0,007	0,015	0,209	FALSE
0,093	0,281	0,002	0,014	0,058	FALSE
0,111	0,290	0,003	0,012	0,098	FALSE
0,123	0,298	0,004	0,011	0,122	FALSE
0,121	0,276	0,003	0,008	0,155	FALSE
-0,079	0,273	-0,004	0,009	0,194	FALSE
-0,043	0,290	-0,001	0,011	0,031	FALSE
0,003	0,291	0,001	0,011	0,026	FALSE
0,004	0,283	0,000	0,007	0,005	FALSE
0,127	0,275	0,003	0,011	0,102	FALSE
0,118	0,260	0,001	0,010	0,054	FALSE
0,035	0,276	-0,001	0,009	0,031	FALSE
0,008	0,274	-0,005	0,014	0,137	FALSE
-0,057	0,280	-0,004	0,011	0,128	FALSE
-0,069	0,271	-0,004	0,011	0,143	FALSE
-0,014	0,277	-0,001	0,010	0,047	FALSE
0,134	0,277	0,002	0,011	0,062	FALSE
-0,019	0,288	0,000	0,011	0,004	FALSE
0,072	0,286	0,004	0,012	0,113	FALSE
-0,036	0,289	0,000	0,015	0,001	FALSE
0,083	0,290	0,002	0,010	0,095	FALSE
-0,068	0,294	-0,003	0,010	0,101	FALSE
-0,033	0,289	-0,001	0,008	0,042	FALSE
0,181	0,267	0,005	0,012	0,185	FALSE
0,102	0,285	0,003	0,011	0,099	FALSE
0,084	0,294	0,004	0,010	0,138	FALSE
0,057	0,289	0,003	0,012	0,082	FALSE
0,051	0,273	0,001	0,009	0,047	FALSE
-0,023	0,281	0,000	0,012	0,012	FALSE
-0,012	0,268	0,005	0,015	0,122	FALSE
-0,102	0,286	-0,004	0,012	0,125	FALSE
0,005	0,284	-0,002	0,009	0,074	FALSE
0,035	0,284	0,002	0,007	0,108	FALSE
0,013	0,272	0,000	0,007	0,020	FALSE
-0,096	0,285	-0,006	0,011	0,212	FALSE
-0,053	0,287	-0,005	0,013	0,146	FALSE
-0,077	0,287	-0,001	0,015	0,016	FALSE
-0,025	0,274	0,000	0,009	0,017	FALSE
0,012	0,293	0,001	0,009	0,027	FALSE
0,025	0,292	0,002	0,011	0,061	FALSE
-0,139	0,278	-0,008	0,014	0,250	FALSE
-0,198	0,280	-0,008	0,012	0,276	FALSE
-0,185	0,266	-0,006	0,012	0,209	FALSE
0,016	0,288	0,002	0,009	0,071	FALSE
-0,020	0,290	0,000	0,010	0,008	FALSE
-0,006	0,299	0,000	0,009	0,004	FALSE
0,057	0,275	0,005	0,013	0,175	FALSE

0,066	0,286	0,004	0,013	0,108	FALSE
0,131	0,281	0,006	0,012	0,216	FALSE
0,087	0,302	0,003	0,011	0,095	FALSE
-0,063	0,288	0,000	0,009	0,008	FALSE
-0,043	0,285	0,001	0,008	0,028	FALSE
-0,012	0,293	0,001	0,008	0,069	FALSE
0,085	0,294	0,002	0,010	0,077	FALSE
-0,165	0,284	-0,004	0,009	0,166	FALSE
-0,045	0,273	-0,003	0,008	0,151	FALSE
0,145	0,289	0,008	0,014	0,232	FALSE
0,044	0,290	0,002	0,010	0,073	FALSE
-0,007	0,299	-0,001	0,012	0,026	FALSE
0,033	0,286	0,001	0,011	0,044	FALSE
-0,011	0,283	-0,002	0,009	0,072	FALSE
-0,012	0,287	-0,002	0,009	0,070	FALSE
0,093	0,292	0,005	0,014	0,131	FALSE
-0,066	0,293	-0,003	0,013	0,083	FALSE
-0,168	0,276	-0,005	0,011	0,211	FALSE
0,020	0,301	0,001	0,008	0,044	FALSE
-0,017	0,295	0,000	0,013	0,011	FALSE
0,123	0,277	0,004	0,008	0,221	FALSE
-0,074	0,292	-0,002	0,008	0,092	FALSE
0,262	0,277	0,006	0,007	0,343	FALSE
0,264	0,267	0,006	0,007	0,378	FALSE
-0,058	0,281	-0,002	0,009	0,086	FALSE
-0,040	0,278	-0,002	0,013	0,048	FALSE
-0,011	0,283	0,000	0,013	0,009	FALSE
-0,024	0,295	-0,001	0,014	0,020	FALSE
0,051	0,283	0,001	0,009	0,020	FALSE
-0,223	0,278	-0,011	0,014	0,369	FALSE
-0,174	0,291	-0,006	0,010	0,262	FALSE
-0,071	0,281	-0,003	0,012	0,104	FALSE
-0,041	0,300	-0,002	0,009	0,069	FALSE
-0,021	0,292	-0,001	0,008	0,038	FALSE
-0,131	0,284	-0,003	0,009	0,112	FALSE
-0,229	0,269	-0,008	0,010	0,351	FALSE
-0,045	0,288	0,000	0,007	0,010	FALSE
0,037	0,292	0,002	0,010	0,059	FALSE
-0,047	0,291	0,000	0,009	0,002	FALSE
0,003	0,287	0,000	0,011	0,007	FALSE
-0,279	0,280	-0,008	0,010	0,383	FALSE
-0,051	0,280	-0,003	0,012	0,098	FALSE
-0,041	0,283	-0,002	0,013	0,063	FALSE
-0,143	0,281	-0,005	0,012	0,190	FALSE
-0,120	0,280	-0,003	0,013	0,099	FALSE
-0,167	0,269	-0,006	0,013	0,189	FALSE
0,072	0,289	0,002	0,014	0,040	FALSE
0,012	0,289	-0,001	0,009	0,048	FALSE
-0,093	0,267	-0,006	0,012	0,206	FALSE
-0,071	0,288	-0,005	0,013	0,150	FALSE
0,157	0,293	0,008	0,015	0,218	FALSE
0,006	0,276	0,001	0,008	0,026	FALSE
0,089	0,289	0,004	0,012	0,120	FALSE

0,063	0,303	0,004	0,015	0,102	FALSE
-0,093	0,303	-0,006	0,015	0,161	FALSE
-0,122	0,295	-0,007	0,015	0,201	FALSE
-0,187	0,267	-0,006	0,011	0,242	FALSE
-0,085	0,293	-0,005	0,014	0,151	FALSE
-0,196	0,270	-0,007	0,011	0,269	FALSE
0,085	0,265	0,002	0,012	0,055	FALSE
0,070	0,288	0,006	0,014	0,175	FALSE
0,018	0,291	0,002	0,014	0,063	FALSE
-0,160	0,298	-0,003	0,007	0,184	FALSE
-0,028	0,277	-0,002	0,011	0,055	FALSE
-0,135	0,284	-0,004	0,013	0,115	FALSE
-0,026	0,301	0,000	0,009	0,009	FALSE
-0,061	0,298	-0,001	0,009	0,043	FALSE
-0,051	0,299	-0,001	0,008	0,024	FALSE
0,085	0,277	0,002	0,011	0,082	FALSE
0,089	0,279	0,001	0,008	0,048	FALSE
-0,010	0,296	0,000	0,009	0,005	FALSE
0,006	0,276	-0,001	0,009	0,027	FALSE
-0,070	0,293	-0,003	0,015	0,072	FALSE
-0,195	0,267	-0,005	0,007	0,313	FALSE
0,003	0,285	0,000	0,008	0,020	FALSE
0,007	0,291	0,001	0,008	0,067	FALSE
-0,015	0,277	-0,001	0,012	0,021	FALSE
0,016	0,301	0,001	0,015	0,028	FALSE
0,000	0,311	0,000	0,015	0,005	FALSE
0,047	0,305	0,002	0,015	0,057	FALSE
-0,016	0,291	0,001	0,007	0,052	FALSE
-0,012	0,293	0,001	0,007	0,055	FALSE
-0,029	0,305	-0,001	0,008	0,027	FALSE
-0,126	0,286	-0,006	0,011	0,222	FALSE
0,023	0,296	0,003	0,010	0,125	FALSE
-0,056	0,283	-0,004	0,011	0,150	FALSE
0,150	0,272	0,005	0,010	0,232	FALSE
0,031	0,276	0,002	0,014	0,050	FALSE
0,028	0,277	0,001	0,013	0,039	FALSE
-0,032	0,293	-0,002	0,015	0,060	FALSE
-0,042	0,287	-0,003	0,014	0,070	FALSE
0,060	0,291	0,003	0,014	0,075	FALSE
0,073	0,267	0,004	0,011	0,147	FALSE
0,083	0,276	0,004	0,012	0,147	FALSE
0,007	0,268	0,000	0,011	0,006	FALSE
0,014	0,287	0,000	0,012	0,009	FALSE
0,066	0,303	0,002	0,008	0,100	FALSE
-0,046	0,289	-0,001	0,008	0,062	FALSE
-0,042	0,289	-0,001	0,007	0,061	FALSE
-0,051	0,283	-0,002	0,013	0,054	FALSE
-0,098	0,277	-0,002	0,010	0,082	FALSE
0,101	0,283	0,003	0,010	0,128	FALSE
-0,012	0,286	-0,001	0,008	0,070	FALSE
0,085	0,277	0,000	0,012	0,009	FALSE
0,101	0,273	0,003	0,014	0,066	FALSE
0,035	0,272	0,001	0,012	0,036	FALSE

-0,001	0,301	0,000	0,015	0,010	FALSE
0,036	0,281	0,002	0,013	0,059	FALSE
0,065	0,295	0,002	0,014	0,045	FALSE
0,069	0,280	0,002	0,013	0,051	FALSE
-0,117	0,300	-0,002	0,008	0,097	FALSE
0,059	0,301	0,002	0,014	0,042	FALSE
0,104	0,278	0,004	0,015	0,111	FALSE
0,204	0,299	0,008	0,014	0,245	FALSE
0,204	0,287	0,008	0,015	0,214	FALSE
0,030	0,299	0,001	0,010	0,030	FALSE
-0,097	0,279	-0,004	0,014	0,117	FALSE
-0,034	0,302	0,000	0,009	0,012	FALSE
-0,105	0,274	-0,003	0,008	0,129	FALSE
0,165	0,291	0,003	0,010	0,113	FALSE
0,086	0,295	0,001	0,016	0,032	FALSE
0,166	0,282	0,003	0,010	0,120	FALSE
0,100	0,269	0,001	0,012	0,036	FALSE
-0,155	0,286	-0,006	0,015	0,159	FALSE
-0,029	0,275	-0,001	0,013	0,040	FALSE
-0,165	0,281	-0,003	0,008	0,179	FALSE
-0,068	0,301	-0,003	0,011	0,093	FALSE
-0,006	0,293	0,002	0,011	0,049	FALSE
0,032	0,289	0,001	0,008	0,072	FALSE
0,047	0,289	0,003	0,014	0,096	FALSE
0,013	0,286	0,000	0,008	0,011	FALSE
-0,014	0,283	0,001	0,007	0,058	FALSE
-0,029	0,300	0,000	0,008	0,023	FALSE
0,011	0,275	0,001	0,011	0,047	FALSE
-0,020	0,303	-0,001	0,014	0,014	FALSE
0,050	0,300	0,003	0,015	0,079	FALSE
0,037	0,280	0,000	0,009	0,004	FALSE
-0,130	0,290	-0,004	0,012	0,111	FALSE
-0,039	0,286	0,000	0,010	0,005	FALSE
0,042	0,285	0,001	0,011	0,042	FALSE
0,063	0,273	0,002	0,010	0,081	FALSE
-0,088	0,286	-0,003	0,011	0,108	FALSE
0,024	0,287	0,000	0,009	0,015	FALSE
0,009	0,287	-0,002	0,012	0,054	FALSE
-0,142	0,279	-0,002	0,008	0,107	FALSE
-0,103	0,283	-0,003	0,011	0,118	FALSE
-0,008	0,295	0,000	0,010	0,001	FALSE
0,102	0,283	0,002	0,009	0,081	FALSE
0,043	0,293	0,002	0,012	0,047	FALSE
0,033	0,282	0,001	0,010	0,020	FALSE
-0,036	0,277	-0,003	0,013	0,089	FALSE
0,058	0,289	0,002	0,008	0,105	FALSE
-0,008	0,300	0,001	0,009	0,042	FALSE
0,076	0,290	0,003	0,010	0,119	FALSE
-0,005	0,283	0,000	0,011	0,004	FALSE
-0,043	0,305	-0,001	0,013	0,032	FALSE
0,033	0,282	0,001	0,010	0,054	FALSE
0,114	0,288	0,003	0,014	0,084	FALSE
-0,075	0,293	-0,005	0,015	0,132	FALSE

0,117	0,292	0,003	0,008	0,154	FALSE
-0,039	0,283	-0,001	0,012	0,022	FALSE
0,178	0,290	0,005	0,009	0,211	FALSE
0,021	0,283	0,001	0,011	0,021	FALSE
-0,107	0,287	-0,003	0,011	0,118	FALSE
-0,219	0,283	-0,009	0,013	0,290	FALSE
0,112	0,276	0,003	0,015	0,069	FALSE
0,107	0,288	0,003	0,007	0,159	FALSE
-0,014	0,299	0,000	0,013	0,006	FALSE
-0,205	0,273	-0,006	0,009	0,299	FALSE
-0,219	0,264	-0,007	0,009	0,346	FALSE
0,186	0,275	0,007	0,014	0,198	FALSE
0,036	0,290	0,001	0,007	0,030	FALSE
-0,153	0,260	-0,004	0,008	0,240	FALSE
-0,110	0,286	-0,005	0,014	0,146	FALSE
-0,054	0,285	-0,002	0,008	0,083	FALSE
-0,083	0,274	-0,003	0,014	0,090	FALSE
-0,001	0,298	0,002	0,011	0,053	FALSE
0,027	0,281	0,000	0,010	0,001	FALSE
0,040	0,289	0,000	0,015	0,007	FALSE
0,019	0,294	-0,001	0,015	0,018	FALSE
0,174	0,289	0,004	0,009	0,185	FALSE
-0,024	0,293	0,001	0,008	0,031	FALSE
-0,073	0,269	-0,003	0,014	0,069	FALSE
0,026	0,283	-0,001	0,013	0,022	FALSE
-0,079	0,282	-0,002	0,012	0,055	FALSE
0,027	0,291	0,001	0,009	0,048	FALSE
-0,023	0,285	0,000	0,009	0,017	FALSE
0,018	0,282	0,001	0,009	0,043	FALSE
0,046	0,289	0,000	0,010	0,010	FALSE
0,153	0,283	0,004	0,012	0,123	FALSE
-0,060	0,283	-0,001	0,008	0,036	FALSE
-0,062	0,286	-0,001	0,008	0,038	FALSE
0,122	0,286	0,001	0,008	0,035	FALSE
-0,014	0,297	0,000	0,008	0,019	FALSE
0,049	0,295	0,001	0,008	0,056	FALSE
-0,053	0,286	-0,001	0,012	0,043	FALSE
-0,036	0,304	0,000	0,009	0,005	FALSE
0,034	0,271	-0,001	0,007	0,050	FALSE
0,001	0,290	-0,001	0,014	0,028	FALSE
0,113	0,270	0,001	0,008	0,035	FALSE
-0,051	0,285	-0,001	0,008	0,055	FALSE
0,048	0,297	0,002	0,008	0,086	FALSE
-0,144	0,268	-0,004	0,007	0,230	FALSE
0,065	0,280	0,001	0,009	0,032	FALSE
-0,084	0,273	-0,002	0,009	0,090	FALSE
-0,136	0,285	-0,005	0,008	0,236	FALSE
-0,050	0,270	-0,002	0,007	0,084	FALSE
0,021	0,286	0,000	0,008	0,001	FALSE
-0,086	0,288	-0,002	0,008	0,106	FALSE
0,080	0,293	0,003	0,010	0,129	FALSE
-0,045	0,289	0,000	0,011	0,014	FALSE
-0,048	0,287	-0,001	0,009	0,024	FALSE

-0,169	0,286	-0,008	0,014	0,251	FALSE
-0,172	0,287	-0,008	0,015	0,219	FALSE
0,210	0,280	0,005	0,009	0,263	FALSE
0,147	0,278	0,005	0,010	0,179	FALSE
-0,111	0,277	-0,003	0,008	0,159	FALSE
-0,025	0,280	-0,001	0,013	0,021	FALSE
0,019	0,284	0,001	0,007	0,062	FALSE
0,209	0,273	0,008	0,013	0,279	FALSE
-0,033	0,301	-0,001	0,008	0,041	FALSE
-0,053	0,290	-0,001	0,008	0,065	FALSE
-0,056	0,284	-0,001	0,008	0,062	FALSE
-0,006	0,290	-0,002	0,009	0,061	FALSE
-0,161	0,284	-0,006	0,015	0,152	FALSE
-0,163	0,282	-0,006	0,015	0,164	FALSE
-0,075	0,283	-0,001	0,007	0,035	FALSE
0,150	0,283	0,005	0,014	0,150	FALSE
-0,022	0,285	0,000	0,008	0,019	FALSE
-0,043	0,293	-0,001	0,011	0,052	FALSE
-0,074	0,284	-0,003	0,009	0,122	FALSE
-0,052	0,284	-0,003	0,009	0,110	FALSE
-0,191	0,269	-0,007	0,009	0,358	FALSE
0,092	0,285	0,002	0,010	0,099	FALSE
-0,010	0,295	0,000	0,012	0,013	FALSE
0,018	0,290	0,002	0,013	0,048	FALSE
-0,015	0,288	-0,002	0,008	0,088	FALSE
0,068	0,284	0,002	0,010	0,060	FALSE
-0,007	0,303	0,000	0,008	0,013	FALSE
0,085	0,281	0,001	0,007	0,048	FALSE
0,105	0,283	0,004	0,015	0,117	FALSE
0,069	0,300	0,001	0,009	0,045	FALSE
0,028	0,298	-0,001	0,008	0,023	FALSE
0,116	0,276	0,003	0,008	0,129	FALSE
0,057	0,287	0,000	0,014	0,009	FALSE
0,152	0,283	0,004	0,013	0,122	FALSE
0,023	0,294	0,000	0,008	0,005	FALSE
0,142	0,276	0,003	0,010	0,125	FALSE
0,005	0,296	0,002	0,015	0,037	FALSE
0,106	0,281	0,003	0,011	0,101	FALSE
-0,005	0,289	-0,001	0,014	0,024	FALSE
-0,108	0,276	-0,003	0,008	0,167	FALSE
0,048	0,281	0,003	0,011	0,089	FALSE
0,187	0,276	0,005	0,007	0,270	FALSE
0,094	0,294	0,005	0,013	0,136	FALSE
-0,046	0,285	-0,002	0,013	0,044	FALSE
-0,030	0,282	-0,001	0,013	0,031	FALSE
0,019	0,280	0,002	0,011	0,066	FALSE
-0,050	0,289	-0,002	0,010	0,062	FALSE
0,146	0,292	0,003	0,009	0,144	FALSE
0,086	0,280	0,002	0,010	0,075	FALSE
-0,082	0,280	-0,001	0,009	0,058	FALSE
0,167	0,294	0,010	0,016	0,282	FALSE
0,030	0,285	0,002	0,015	0,057	FALSE
0,022	0,276	-0,001	0,010	0,028	FALSE

0,050	0,284	0,000	0,011	0,003	FALSE
0,118	0,287	0,004	0,011	0,140	FALSE
-0,115	0,279	-0,003	0,010	0,132	FALSE
-0,110	0,287	-0,003	0,012	0,086	FALSE
-0,064	0,292	-0,002	0,011	0,048	FALSE
-0,041	0,280	-0,001	0,008	0,055	FALSE
-0,053	0,283	-0,001	0,008	0,059	FALSE
0,016	0,282	0,002	0,008	0,075	FALSE
-0,099	0,297	-0,004	0,011	0,126	FALSE
0,209	0,277	0,007	0,011	0,289	FALSE
-0,100	0,285	-0,005	0,012	0,179	FALSE
0,026	0,299	0,001	0,014	0,033	FALSE
0,033	0,283	0,004	0,015	0,106	FALSE
0,104	0,281	0,004	0,011	0,167	FALSE
-0,056	0,276	-0,003	0,011	0,094	FALSE
0,009	0,271	0,000	0,011	0,001	FALSE
0,037	0,268	0,001	0,010	0,039	FALSE
0,028	0,281	0,000	0,010	0,002	FALSE
0,027	0,281	0,000	0,010	0,015	FALSE
0,056	0,279	0,002	0,010	0,061	FALSE
0,064	0,270	0,002	0,009	0,080	FALSE
0,004	0,300	0,000	0,015	0,004	FALSE
-0,213	0,286	-0,008	0,012	0,314	FALSE
-0,104	0,287	-0,003	0,008	0,138	FALSE
-0,183	0,284	-0,005	0,012	0,192	FALSE
0,056	0,287	0,003	0,008	0,131	FALSE
-0,044	0,281	-0,002	0,014	0,061	FALSE
0,044	0,290	0,005	0,011	0,171	FALSE
-0,059	0,292	-0,004	0,014	0,122	FALSE
0,071	0,297	0,003	0,007	0,144	FALSE
-0,151	0,280	-0,009	0,014	0,277	FALSE
-0,113	0,275	-0,002	0,008	0,089	FALSE
-0,005	0,298	0,002	0,014	0,045	FALSE
-0,118	0,285	-0,008	0,014	0,229	FALSE
0,090	0,282	0,003	0,008	0,134	FALSE
0,139	0,278	0,004	0,008	0,207	FALSE
0,025	0,289	0,002	0,010	0,069	FALSE
0,065	0,276	0,001	0,009	0,034	FALSE
0,159	0,266	0,005	0,012	0,170	FALSE
0,053	0,296	0,002	0,015	0,055	FALSE
-0,011	0,294	0,001	0,012	0,020	FALSE
-0,049	0,284	0,000	0,014	0,005	FALSE
0,126	0,294	0,004	0,011	0,163	FALSE
0,174	0,277	0,003	0,010	0,130	FALSE
0,055	0,283	0,001	0,012	0,039	FALSE
-0,086	0,290	-0,002	0,007	0,081	FALSE
-0,030	0,288	-0,002	0,012	0,066	FALSE
0,031	0,294	0,001	0,007	0,047	FALSE
-0,124	0,282	-0,003	0,009	0,128	FALSE
0,097	0,293	0,003	0,010	0,131	FALSE
-0,108	0,290	-0,003	0,011	0,125	FALSE
-0,003	0,300	-0,001	0,015	0,015	FALSE
0,012	0,292	0,000	0,008	0,003	FALSE

-0,048	0,286	-0,001	0,011	0,041	FALSE
-0,054	0,283	-0,001	0,007	0,052	FALSE
0,042	0,290	0,002	0,013	0,056	FALSE
0,149	0,286	0,003	0,009	0,152	FALSE
0,083	0,283	0,005	0,011	0,185	FALSE
-0,013	0,295	-0,001	0,008	0,044	FALSE
-0,107	0,291	-0,002	0,009	0,097	FALSE
-0,002	0,291	-0,002	0,014	0,050	FALSE
0,008	0,291	-0,001	0,010	0,028	FALSE
-0,034	0,291	0,000	0,014	0,000	FALSE
-0,059	0,311	-0,001	0,015	0,036	FALSE
0,103	0,288	0,003	0,011	0,101	FALSE
-0,144	0,292	-0,006	0,012	0,183	FALSE
0,122	0,284	0,005	0,012	0,187	FALSE
-0,016	0,284	-0,001	0,008	0,033	FALSE
0,064	0,295	0,004	0,015	0,097	FALSE
-0,042	0,284	-0,002	0,008	0,095	FALSE
0,001	0,297	-0,001	0,011	0,035	FALSE
-0,054	0,283	-0,002	0,007	0,091	FALSE
0,104	0,280	0,003	0,013	0,097	FALSE
-0,094	0,283	-0,003	0,014	0,086	FALSE
0,039	0,287	0,001	0,008	0,031	FALSE
-0,059	0,295	-0,004	0,015	0,092	FALSE
0,080	0,285	0,001	0,008	0,052	FALSE
-0,080	0,272	-0,003	0,010	0,123	FALSE
-0,104	0,277	-0,005	0,011	0,164	FALSE
0,011	0,283	0,000	0,008	0,014	FALSE
-0,029	0,292	0,000	0,012	0,007	FALSE
-0,110	0,307	-0,007	0,014	0,202	FALSE
-0,021	0,280	-0,002	0,010	0,085	FALSE
0,093	0,287	0,004	0,011	0,136	FALSE
0,043	0,290	0,001	0,007	0,041	FALSE
0,010	0,292	-0,002	0,011	0,062	FALSE
0,055	0,290	0,001	0,010	0,045	FALSE
-0,155	0,280	-0,007	0,013	0,229	FALSE
0,166	0,273	0,009	0,014	0,273	FALSE
0,000	0,317	0,000	0,011	0,002	FALSE
0,054	0,281	0,000	0,011	0,010	FALSE
-0,098	0,292	-0,004	0,009	0,173	FALSE
-0,057	0,291	-0,002	0,008	0,098	FALSE
-0,118	0,293	-0,002	0,009	0,089	FALSE
-0,172	0,274	-0,004	0,009	0,197	FALSE
-0,001	0,271	-0,001	0,009	0,053	FALSE
-0,009	0,272	-0,002	0,009	0,079	FALSE
-0,004	0,274	-0,001	0,010	0,041	FALSE
-0,117	0,279	-0,004	0,014	0,118	FALSE
-0,095	0,286	-0,002	0,014	0,062	FALSE
-0,072	0,283	-0,001	0,009	0,047	FALSE
0,064	0,283	0,001	0,008	0,061	FALSE
0,077	0,282	0,004	0,015	0,102	FALSE
-0,106	0,272	-0,003	0,008	0,131	FALSE
0,077	0,302	0,006	0,014	0,154	FALSE
-0,086	0,270	0,000	0,007	0,024	FALSE

0,128	0,281	0,005	0,013	0,150	FALSE
-0,075	0,294	0,000	0,014	0,007	FALSE
-0,091	0,296	-0,002	0,015	0,062	FALSE
0,154	0,277	0,002	0,010	0,068	FALSE
0,119	0,293	0,005	0,009	0,212	FALSE
0,113	0,293	0,002	0,010	0,083	FALSE
-0,105	0,300	-0,003	0,009	0,120	FALSE
0,267	0,270	0,010	0,011	0,449	FALSE
-0,083	0,274	-0,003	0,008	0,148	FALSE
0,087	0,292	0,005	0,015	0,136	FALSE
-0,144	0,282	-0,008	0,015	0,219	FALSE
-0,102	0,291	-0,001	0,008	0,072	FALSE
0,087	0,285	0,001	0,011	0,018	FALSE
0,064	0,294	0,002	0,010	0,082	FALSE
-0,062	0,287	-0,003	0,013	0,090	FALSE
-0,124	0,287	-0,006	0,013	0,180	FALSE
-0,068	0,272	-0,001	0,008	0,054	FALSE
-0,003	0,297	-0,002	0,010	0,073	FALSE
-0,073	0,279	-0,005	0,014	0,128	FALSE
0,048	0,285	0,000	0,008	0,003	FALSE
0,040	0,276	0,000	0,007	0,005	FALSE
0,042	0,277	-0,001	0,007	0,030	FALSE
0,026	0,292	0,001	0,008	0,051	FALSE
-0,009	0,292	0,000	0,009	0,007	FALSE
0,098	0,287	0,003	0,011	0,086	FALSE
0,014	0,278	0,000	0,013	0,008	FALSE
0,018	0,285	0,000	0,013	0,007	FALSE
-0,094	0,308	-0,003	0,012	0,088	FALSE
0,002	0,289	0,000	0,013	0,009	FALSE
0,006	0,305	-0,001	0,015	0,022	FALSE
-0,045	0,290	-0,001	0,009	0,035	FALSE
0,070	0,280	0,000	0,008	0,021	FALSE
-0,034	0,287	-0,002	0,011	0,090	FALSE
-0,005	0,300	0,001	0,010	0,022	FALSE
0,063	0,287	0,002	0,014	0,051	FALSE
-0,048	0,286	-0,003	0,014	0,068	FALSE
0,062	0,298	0,003	0,011	0,118	FALSE
0,020	0,286	0,000	0,007	0,015	FALSE
0,084	0,283	0,001	0,009	0,046	FALSE
-0,040	0,282	-0,001	0,008	0,067	FALSE
-0,057	0,285	-0,002	0,007	0,087	FALSE
0,029	0,286	0,001	0,012	0,032	FALSE
0,112	0,287	0,002	0,010	0,092	FALSE
0,093	0,298	0,005	0,015	0,148	FALSE
0,070	0,284	0,001	0,007	0,049	FALSE
0,068	0,280	0,001	0,007	0,043	FALSE
-0,089	0,298	-0,002	0,015	0,058	FALSE
-0,137	0,269	-0,004	0,007	0,229	FALSE
-0,033	0,287	0,000	0,007	0,010	FALSE
-0,003	0,283	-0,001	0,010	0,027	FALSE
-0,067	0,279	-0,001	0,009	0,021	FALSE
-0,177	0,282	-0,008	0,014	0,230	FALSE
-0,133	0,286	-0,005	0,010	0,193	FALSE

-0,186	0,287	-0,008	0,012	0,319	FALSE
0,094	0,291	0,004	0,012	0,124	FALSE
0,046	0,285	0,002	0,009	0,076	FALSE
-0,131	0,272	-0,005	0,013	0,162	FALSE
-0,153	0,281	-0,004	0,009	0,190	FALSE
0,018	0,287	0,002	0,009	0,077	FALSE
0,113	0,290	0,002	0,008	0,107	FALSE
0,127	0,291	0,006	0,015	0,146	FALSE
0,007	0,285	0,001	0,014	0,033	FALSE
-0,198	0,273	-0,006	0,010	0,241	FALSE
0,168	0,294	0,005	0,007	0,277	FALSE
0,170	0,285	0,005	0,007	0,307	TRUE
0,063	0,281	0,002	0,012	0,077	FALSE
-0,026	0,277	0,001	0,013	0,038	FALSE
0,101	0,292	0,001	0,008	0,031	FALSE
0,059	0,287	0,002	0,010	0,071	FALSE
0,094	0,286	0,003	0,011	0,115	FALSE
0,098	0,287	0,004	0,011	0,139	FALSE
-0,050	0,295	-0,003	0,009	0,119	FALSE
0,061	0,290	0,002	0,008	0,118	FALSE
-0,166	0,294	-0,006	0,012	0,223	FALSE
0,067	0,284	0,000	0,015	0,000	FALSE
0,067	0,275	0,000	0,015	0,000	FALSE
-0,032	0,274	0,001	0,014	0,015	FALSE
-0,046	0,296	-0,003	0,014	0,083	FALSE
-0,075	0,266	-0,002	0,013	0,071	FALSE
-0,217	0,282	-0,006	0,008	0,359	FALSE
-0,050	0,297	-0,003	0,015	0,068	FALSE
-0,149	0,283	-0,007	0,013	0,241	FALSE
-0,004	0,291	0,000	0,011	0,010	FALSE
-0,192	0,281	-0,008	0,014	0,232	FALSE
-0,050	0,282	-0,001	0,010	0,053	FALSE
-0,001	0,284	-0,001	0,008	0,057	FALSE
-0,070	0,284	-0,004	0,013	0,103	FALSE
-0,128	0,290	-0,004	0,010	0,146	FALSE
0,068	0,294	0,001	0,011	0,044	FALSE
0,001	0,284	0,000	0,012	0,013	FALSE
-0,088	0,289	-0,002	0,008	0,085	FALSE
0,012	0,287	0,000	0,012	0,002	FALSE
0,060	0,289	0,004	0,011	0,125	FALSE
0,047	0,287	0,000	0,012	0,004	FALSE
-0,007	0,276	0,000	0,015	0,006	FALSE
0,018	0,272	-0,001	0,010	0,020	FALSE
0,028	0,296	0,001	0,007	0,026	FALSE
0,075	0,280	0,001	0,010	0,023	FALSE
-0,182	0,293	-0,005	0,008	0,288	FALSE
0,127	0,292	0,003	0,007	0,160	FALSE
-0,060	0,295	-0,002	0,014	0,054	FALSE
-0,129	0,288	-0,007	0,015	0,197	FALSE
0,113	0,291	0,007	0,014	0,193	FALSE
0,008	0,299	0,001	0,008	0,025	FALSE
0,043	0,278	0,003	0,011	0,090	FALSE
0,189	0,293	0,005	0,010	0,202	FALSE

0,066	0,287	0,003	0,013	0,074	FALSE
-0,164	0,288	-0,003	0,008	0,167	FALSE
0,011	0,271	0,004	0,013	0,127	FALSE
0,054	0,279	0,006	0,013	0,176	FALSE
0,068	0,278	0,006	0,013	0,202	FALSE
-0,066	0,286	-0,002	0,010	0,086	FALSE
-0,067	0,295	-0,002	0,008	0,084	FALSE
-0,063	0,273	-0,001	0,008	0,067	FALSE
0,038	0,293	0,000	0,009	0,008	FALSE
0,055	0,280	0,000	0,009	0,003	FALSE
0,177	0,290	0,005	0,007	0,271	FALSE
-0,081	0,280	-0,001	0,008	0,051	FALSE
-0,097	0,288	-0,002	0,008	0,068	FALSE
0,107	0,283	0,002	0,012	0,057	FALSE
0,147	0,287	0,004	0,010	0,145	FALSE
0,053	0,275	0,001	0,008	0,060	FALSE
0,099	0,273	0,002	0,008	0,074	FALSE
0,094	0,280	0,002	0,008	0,080	FALSE
-0,032	0,280	-0,002	0,007	0,116	FALSE
0,150	0,282	0,004	0,011	0,129	FALSE
0,154	0,270	0,004	0,011	0,164	FALSE
0,082	0,282	0,001	0,008	0,056	FALSE
-0,043	0,299	-0,002	0,011	0,074	FALSE
0,082	0,285	0,002	0,012	0,074	FALSE
-0,034	0,284	-0,001	0,007	0,028	FALSE
-0,025	0,289	0,000	0,008	0,001	FALSE
-0,014	0,291	-0,002	0,011	0,052	FALSE
-0,062	0,298	-0,003	0,014	0,084	FALSE
-0,052	0,285	-0,002	0,009	0,071	FALSE
0,009	0,285	-0,002	0,014	0,044	FALSE
0,027	0,295	0,003	0,010	0,101	FALSE
0,048	0,285	0,001	0,009	0,040	FALSE
0,030	0,289	0,000	0,012	0,003	FALSE
0,026	0,292	0,004	0,015	0,094	FALSE
-0,001	0,281	0,002	0,010	0,060	FALSE
0,129	0,279	0,004	0,008	0,192	FALSE
0,009	0,292	0,001	0,010	0,020	FALSE
0,121	0,272	0,002	0,011	0,088	FALSE
-0,011	0,296	0,000	0,009	0,004	FALSE
0,013	0,294	0,000	0,014	0,004	FALSE
-0,174	0,276	-0,003	0,009	0,156	FALSE
-0,120	0,284	-0,004	0,011	0,158	FALSE
-0,055	0,284	-0,002	0,011	0,061	FALSE
-0,124	0,277	-0,005	0,011	0,162	FALSE
-0,050	0,293	-0,002	0,009	0,087	FALSE
-0,021	0,275	-0,002	0,009	0,066	FALSE
-0,143	0,284	-0,005	0,012	0,162	FALSE
-0,101	0,272	-0,004	0,010	0,164	FALSE
0,001	0,278	0,000	0,009	0,006	FALSE
-0,005	0,279	0,001	0,008	0,032	FALSE
-0,015	0,278	0,001	0,007	0,035	FALSE
-0,053	0,278	-0,001	0,013	0,035	FALSE
0,194	0,256	0,004	0,013	0,126	FALSE

-0,086	0,280	0,000	0,014	0,001	FALSE
-0,008	0,298	-0,001	0,010	0,026	FALSE
-0,186	0,287	-0,003	0,008	0,187	FALSE
-0,201	0,279	-0,006	0,011	0,206	FALSE
-0,035	0,296	-0,001	0,008	0,041	FALSE
-0,095	0,290	-0,002	0,014	0,065	FALSE
0,127	0,270	0,002	0,007	0,118	FALSE
0,058	0,278	-0,001	0,012	0,018	FALSE
-0,053	0,302	-0,002	0,011	0,076	FALSE
0,000	0,290	-0,001	0,012	0,043	FALSE
0,041	0,266	0,003	0,014	0,070	FALSE
0,007	0,278	0,001	0,014	0,032	FALSE
0,031	0,272	0,002	0,014	0,063	FALSE
-0,047	0,276	0,000	0,011	0,008	FALSE
0,142	0,272	0,004	0,013	0,115	FALSE
0,081	0,287	0,001	0,007	0,058	FALSE
0,098	0,285	0,004	0,010	0,167	FALSE
0,080	0,289	0,003	0,009	0,119	FALSE
0,080	0,268	0,003	0,013	0,086	FALSE
-0,061	0,283	-0,003	0,014	0,086	FALSE
0,027	0,291	0,002	0,015	0,039	FALSE
0,012	0,283	0,001	0,014	0,026	FALSE
0,011	0,301	0,000	0,015	0,012	FALSE
-0,028	0,293	0,001	0,010	0,018	FALSE
-0,044	0,289	0,000	0,008	0,006	FALSE
0,061	0,283	0,000	0,008	0,003	FALSE
-0,032	0,296	-0,001	0,010	0,048	FALSE
-0,212	0,286	-0,009	0,014	0,278	FALSE
0,261	0,278	0,009	0,011	0,372	FALSE
-0,027	0,292	0,000	0,014	0,003	FALSE
0,271	0,274	0,011	0,012	0,412	FALSE
-0,064	0,279	-0,002	0,010	0,089	FALSE
0,001	0,294	0,001	0,009	0,042	FALSE
-0,077	0,299	-0,004	0,014	0,126	FALSE
0,010	0,294	0,000	0,013	0,002	FALSE
0,000	0,282	-0,002	0,013	0,054	FALSE
-0,052	0,298	0,000	0,014	0,004	FALSE
-0,065	0,280	-0,002	0,012	0,050	FALSE
-0,133	0,288	-0,003	0,013	0,095	FALSE
-0,080	0,281	-0,004	0,011	0,141	FALSE
-0,140	0,274	-0,007	0,011	0,264	FALSE
0,174	0,274	0,004	0,015	0,106	FALSE
0,004	0,275	-0,002	0,008	0,088	FALSE
0,157	0,276	0,009	0,012	0,344	FALSE
0,183	0,287	0,008	0,011	0,300	FALSE
-0,040	0,297	-0,001	0,011	0,048	FALSE
-0,050	0,290	0,000	0,008	0,013	FALSE
-0,041	0,292	0,000	0,010	0,009	FALSE
0,020	0,294	0,002	0,015	0,041	FALSE
0,082	0,293	0,003	0,014	0,093	FALSE
0,059	0,286	0,004	0,011	0,132	FALSE
-0,026	0,289	-0,002	0,014	0,043	FALSE
0,039	0,290	0,002	0,010	0,054	FALSE

0,165	0,269	0,011	0,014	0,359	FALSE
0,038	0,296	0,002	0,014	0,041	FALSE
-0,023	0,290	-0,004	0,014	0,123	FALSE
-0,032	0,292	-0,005	0,014	0,127	FALSE
-0,092	0,283	-0,004	0,014	0,117	FALSE
-0,033	0,278	0,002	0,010	0,071	FALSE
0,064	0,279	0,004	0,011	0,154	FALSE
0,099	0,290	0,001	0,010	0,052	FALSE
-0,197	0,292	-0,005	0,009	0,238	FALSE
-0,012	0,294	-0,001	0,007	0,057	FALSE
-0,040	0,279	-0,001	0,009	0,038	FALSE
-0,078	0,280	-0,002	0,008	0,117	FALSE
0,068	0,280	0,000	0,009	0,006	FALSE
0,046	0,294	0,002	0,011	0,082	FALSE
-0,042	0,281	0,001	0,011	0,017	FALSE
-0,047	0,284	-0,001	0,009	0,041	FALSE
0,030	0,296	0,000	0,010	0,013	FALSE
0,060	0,285	0,004	0,012	0,125	FALSE
0,039	0,284	0,001	0,007	0,053	FALSE
0,034	0,284	0,004	0,014	0,109	FALSE
0,032	0,292	0,002	0,015	0,059	FALSE
-0,016	0,290	0,000	0,011	0,014	FALSE
0,115	0,274	0,001	0,008	0,059	FALSE
0,092	0,270	0,001	0,008	0,044	FALSE
0,047	0,294	-0,001	0,014	0,028	FALSE
0,051	0,292	0,003	0,011	0,084	FALSE
0,082	0,286	0,001	0,014	0,023	FALSE
-0,155	0,282	-0,004	0,008	0,249	FALSE
0,063	0,300	0,001	0,008	0,059	FALSE
0,089	0,295	0,002	0,010	0,078	FALSE
0,168	0,273	0,003	0,010	0,128	FALSE
-0,001	0,280	0,001	0,015	0,034	FALSE
-0,071	0,294	-0,002	0,009	0,081	FALSE
-0,072	0,288	-0,001	0,008	0,059	FALSE
0,048	0,291	0,002	0,012	0,069	FALSE
0,004	0,296	0,001	0,009	0,030	FALSE
0,082	0,284	0,004	0,011	0,136	FALSE
-0,004	0,289	0,001	0,010	0,032	FALSE
0,068	0,286	0,000	0,015	0,002	FALSE
-0,036	0,275	-0,002	0,009	0,076	FALSE
0,111	0,311	0,005	0,014	0,138	FALSE
-0,008	0,294	-0,001	0,010	0,020	FALSE
0,037	0,302	0,002	0,013	0,054	FALSE
-0,055	0,293	-0,003	0,010	0,101	FALSE
-0,049	0,290	-0,003	0,013	0,076	FALSE
-0,104	0,286	-0,003	0,008	0,160	FALSE
-0,023	0,302	0,000	0,014	0,009	FALSE
0,077	0,278	0,003	0,009	0,114	FALSE
0,027	0,301	0,002	0,010	0,062	FALSE
-0,120	0,275	-0,007	0,014	0,194	FALSE
-0,187	0,281	-0,008	0,012	0,271	FALSE
0,051	0,295	0,004	0,011	0,128	FALSE
-0,059	0,280	-0,001	0,014	0,028	FALSE

0,036	0,299	0,002	0,014	0,059	FALSE
-0,129	0,281	-0,003	0,007	0,181	FALSE
0,126	0,268	0,005	0,009	0,209	FALSE
-0,098	0,282	-0,005	0,013	0,141	FALSE
-0,179	0,274	-0,005	0,010	0,245	FALSE
-0,058	0,291	-0,001	0,008	0,044	FALSE
0,107	0,288	0,003	0,009	0,131	FALSE
-0,047	0,284	-0,002	0,015	0,047	FALSE
0,004	0,298	0,000	0,010	0,016	FALSE
0,002	0,287	-0,002	0,014	0,049	FALSE
0,108	0,273	0,003	0,008	0,152	FALSE
0,093	0,285	0,002	0,008	0,080	FALSE
0,097	0,293	0,002	0,014	0,063	FALSE
0,040	0,274	0,001	0,009	0,057	FALSE
0,050	0,276	0,002	0,011	0,077	FALSE
-0,103	0,280	-0,002	0,008	0,072	FALSE
-0,087	0,283	-0,002	0,010	0,088	FALSE
-0,108	0,262	-0,003	0,014	0,083	FALSE
0,037	0,279	0,001	0,014	0,024	FALSE
0,048	0,288	0,001	0,015	0,025	FALSE
-0,054	0,292	-0,001	0,007	0,073	FALSE
-0,109	0,281	-0,002	0,009	0,099	FALSE
0,079	0,280	0,003	0,009	0,157	FALSE
0,021	0,286	0,001	0,008	0,030	FALSE
0,118	0,276	0,001	0,009	0,035	FALSE
0,096	0,294	0,004	0,008	0,204	FALSE
0,026	0,291	0,000	0,008	0,004	FALSE
0,175	0,291	0,006	0,012	0,220	FALSE
0,103	0,289	0,002	0,013	0,057	FALSE
0,143	0,295	0,004	0,013	0,126	FALSE
0,139	0,275	0,004	0,012	0,115	FALSE
0,023	0,307	0,000	0,014	0,008	FALSE
0,045	0,289	0,000	0,013	0,000	FALSE
0,029	0,288	0,003	0,013	0,081	FALSE
-0,133	0,282	-0,003	0,008	0,161	FALSE
-0,217	0,275	-0,005	0,008	0,289	FALSE
0,023	0,271	0,001	0,009	0,024	FALSE
0,010	0,290	0,001	0,010	0,022	FALSE
0,064	0,294	0,002	0,010	0,091	FALSE
0,066	0,288	0,002	0,010	0,094	FALSE
0,057	0,289	0,002	0,013	0,055	FALSE
-0,009	0,286	0,001	0,008	0,038	FALSE
-0,131	0,274	-0,004	0,009	0,184	FALSE
0,028	0,283	0,000	0,007	0,003	FALSE
-0,127	0,285	-0,003	0,009	0,139	FALSE
-0,161	0,277	-0,003	0,007	0,172	FALSE
-0,040	0,295	0,000	0,015	0,007	FALSE
0,143	0,279	0,004	0,008	0,188	FALSE
0,060	0,284	0,000	0,008	0,002	FALSE
0,024	0,287	0,001	0,012	0,022	FALSE
-0,064	0,288	-0,004	0,015	0,103	FALSE
-0,106	0,280	-0,005	0,014	0,124	FALSE
0,083	0,288	0,003	0,015	0,064	FALSE

0,020	0,294	0,001	0,014	0,022	FALSE
0,044	0,291	0,003	0,013	0,074	FALSE
-0,117	0,282	-0,004	0,014	0,101	FALSE
0,177	0,289	0,008	0,014	0,244	FALSE
0,104	0,283	0,002	0,007	0,134	FALSE
-0,096	0,296	-0,004	0,011	0,127	FALSE
-0,040	0,282	-0,001	0,012	0,018	FALSE
-0,023	0,296	0,000	0,010	0,013	FALSE
-0,037	0,286	-0,002	0,009	0,065	FALSE
0,113	0,284	0,004	0,008	0,197	FALSE
-0,087	0,275	-0,002	0,008	0,105	FALSE
0,010	0,290	0,000	0,010	0,013	FALSE
0,085	0,291	0,001	0,007	0,043	FALSE
0,082	0,283	0,002	0,014	0,045	FALSE
-0,123	0,285	-0,002	0,013	0,070	FALSE
0,053	0,295	0,002	0,010	0,091	FALSE
0,090	0,277	0,001	0,009	0,025	FALSE
-0,124	0,277	-0,003	0,009	0,147	FALSE
0,082	0,280	0,001	0,015	0,028	FALSE
0,016	0,287	0,002	0,014	0,038	FALSE
0,043	0,289	0,001	0,012	0,015	FALSE
0,034	0,289	0,000	0,012	0,008	FALSE
0,026	0,282	0,001	0,008	0,024	FALSE
-0,004	0,275	0,000	0,014	0,005	FALSE
-0,072	0,281	-0,002	0,014	0,063	FALSE
-0,109	0,286	-0,002	0,008	0,087	FALSE
0,038	0,279	0,001	0,008	0,039	FALSE
-0,037	0,285	0,000	0,010	0,013	FALSE
0,029	0,294	0,002	0,011	0,064	FALSE
-0,057	0,291	-0,001	0,010	0,053	FALSE
-0,141	0,283	-0,003	0,008	0,136	FALSE
0,153	0,283	0,003	0,008	0,152	FALSE
-0,172	0,265	-0,005	0,009	0,212	FALSE
0,010	0,281	0,001	0,014	0,017	FALSE
-0,069	0,284	-0,002	0,013	0,044	FALSE
-0,038	0,292	0,000	0,007	0,015	FALSE
-0,148	0,298	-0,005	0,015	0,123	FALSE
0,207	0,285	0,006	0,010	0,245	FALSE
-0,011	0,288	0,000	0,014	0,006	FALSE
-0,029	0,281	-0,004	0,012	0,124	FALSE
-0,134	0,284	-0,008	0,014	0,236	FALSE
0,008	0,299	0,000	0,013	0,002	FALSE
0,123	0,295	0,004	0,012	0,126	FALSE
0,126	0,286	0,005	0,014	0,146	FALSE
-0,121	0,290	-0,002	0,008	0,116	FALSE
0,133	0,295	0,004	0,012	0,125	FALSE
-0,039	0,282	-0,002	0,013	0,058	FALSE
0,048	0,290	0,004	0,012	0,133	FALSE
-0,052	0,293	-0,003	0,015	0,075	FALSE
0,008	0,284	0,000	0,007	0,007	FALSE
0,094	0,278	0,004	0,011	0,124	FALSE
0,066	0,294	0,000	0,008	0,022	FALSE
0,238	0,275	0,010	0,015	0,292	FALSE

0,128	0,264	0,002	0,009	0,099	FALSE
0,113	0,292	0,003	0,012	0,100	FALSE
0,022	0,269	-0,002	0,015	0,046	FALSE
-0,042	0,282	-0,001	0,015	0,030	FALSE
-0,064	0,286	0,000	0,007	0,011	FALSE
-0,053	0,284	-0,003	0,010	0,132	FALSE
0,064	0,297	0,003	0,011	0,088	FALSE
-0,016	0,297	0,000	0,009	0,013	FALSE
-0,049	0,284	-0,001	0,009	0,052	FALSE
-0,179	0,280	-0,006	0,013	0,202	FALSE
-0,028	0,290	0,001	0,009	0,029	FALSE
0,052	0,291	0,003	0,010	0,113	FALSE
0,066	0,300	0,002	0,012	0,056	FALSE
0,102	0,296	0,003	0,012	0,112	FALSE
-0,110	0,280	-0,002	0,009	0,063	FALSE
0,055	0,296	0,003	0,010	0,119	FALSE
-0,051	0,281	-0,002	0,008	0,100	FALSE
-0,134	0,273	-0,009	0,013	0,310	FALSE
0,047	0,284	0,004	0,015	0,117	FALSE
-0,139	0,300	-0,005	0,014	0,158	FALSE
0,020	0,281	0,001	0,013	0,031	FALSE
-0,092	0,275	-0,004	0,012	0,135	FALSE
-0,049	0,274	0,000	0,012	0,013	FALSE
-0,032	0,295	-0,003	0,013	0,089	FALSE
-0,220	0,266	-0,007	0,010	0,289	FALSE
0,059	0,260	0,005	0,014	0,131	FALSE
0,048	0,279	0,001	0,009	0,049	FALSE
0,060	0,276	0,003	0,009	0,140	FALSE
-0,160	0,277	-0,005	0,015	0,126	FALSE
-0,149	0,276	-0,004	0,008	0,213	FALSE
0,175	0,287	0,008	0,014	0,241	FALSE
0,165	0,290	0,006	0,015	0,170	FALSE
0,154	0,286	0,006	0,013	0,191	FALSE
-0,050	0,285	-0,003	0,009	0,126	FALSE
0,009	0,288	0,000	0,009	0,001	FALSE
-0,133	0,291	-0,008	0,014	0,243	FALSE
0,018	0,284	-0,001	0,007	0,046	FALSE
-0,183	0,272	-0,009	0,013	0,306	FALSE
0,132	0,287	0,005	0,009	0,217	FALSE
0,123	0,287	0,005	0,008	0,243	FALSE
-0,021	0,290	0,001	0,012	0,028	FALSE
-0,174	0,284	-0,008	0,015	0,228	FALSE
0,013	0,281	0,001	0,012	0,021	FALSE
0,102	0,280	0,003	0,015	0,070	FALSE
-0,090	0,298	-0,002	0,009	0,089	FALSE
-0,028	0,282	0,001	0,007	0,027	FALSE
-0,060	0,290	-0,002	0,014	0,054	FALSE
-0,040	0,287	-0,002	0,009	0,080	FALSE
-0,081	0,270	-0,002	0,009	0,082	FALSE
-0,088	0,281	-0,001	0,008	0,033	FALSE
-0,021	0,278	0,001	0,014	0,022	FALSE
0,041	0,290	0,000	0,007	0,010	FALSE
-0,039	0,288	0,000	0,009	0,014	FALSE

-0,052	0,281	-0,003	0,011	0,090	FALSE
-0,081	0,288	-0,004	0,014	0,122	FALSE
0,094	0,288	0,000	0,015	0,004	FALSE
0,073	0,286	0,000	0,014	0,010	FALSE
-0,043	0,279	0,001	0,011	0,037	FALSE
0,145	0,262	0,007	0,014	0,225	FALSE
0,167	0,285	0,006	0,014	0,183	FALSE
0,073	0,284	0,004	0,012	0,121	FALSE
0,015	0,284	0,003	0,009	0,118	FALSE
0,015	0,273	-0,002	0,008	0,107	FALSE
-0,022	0,290	-0,003	0,008	0,121	FALSE
0,057	0,297	-0,001	0,008	0,028	FALSE
0,079	0,279	0,002	0,012	0,077	FALSE
-0,025	0,275	-0,001	0,014	0,021	FALSE
0,091	0,278	0,003	0,011	0,122	FALSE
-0,025	0,280	0,000	0,013	0,003	FALSE
-0,045	0,280	-0,001	0,008	0,039	FALSE
0,102	0,275	0,002	0,008	0,078	FALSE
0,165	0,269	0,007	0,013	0,258	FALSE
0,030	0,288	0,001	0,013	0,032	FALSE
0,137	0,273	0,004	0,008	0,192	FALSE
-0,080	0,306	-0,003	0,008	0,146	FALSE
-0,002	0,278	-0,002	0,014	0,047	FALSE
0,125	0,279	0,006	0,014	0,178	FALSE
-0,008	0,300	0,001	0,013	0,042	FALSE
0,212	0,278	0,005	0,007	0,296	FALSE
0,128	0,280	0,005	0,012	0,161	FALSE
-0,179	0,293	-0,007	0,012	0,259	FALSE
-0,068	0,273	-0,001	0,008	0,056	FALSE
-0,131	0,295	-0,007	0,013	0,209	FALSE
-0,011	0,283	-0,001	0,011	0,032	FALSE
-0,244	0,282	-0,005	0,008	0,282	FALSE
-0,045	0,298	-0,002	0,009	0,075	FALSE
0,211	0,278	0,005	0,008	0,290	FALSE
0,018	0,285	0,001	0,015	0,016	FALSE
0,099	0,295	0,004	0,012	0,120	FALSE
-0,003	0,291	-0,002	0,014	0,040	FALSE
0,186	0,282	0,004	0,007	0,244	FALSE
-0,051	0,281	-0,002	0,008	0,081	FALSE
-0,065	0,288	-0,004	0,012	0,134	FALSE
-0,091	0,295	-0,005	0,012	0,165	FALSE
0,198	0,296	0,009	0,014	0,292	FALSE
0,136	0,292	0,006	0,015	0,154	FALSE
0,056	0,294	0,002	0,009	0,063	FALSE
-0,170	0,280	-0,005	0,010	0,194	FALSE
0,081	0,270	0,003	0,012	0,083	FALSE
0,025	0,286	0,001	0,010	0,034	FALSE
0,047	0,286	0,001	0,009	0,057	FALSE
-0,157	0,279	-0,003	0,007	0,180	FALSE
0,186	0,274	0,007	0,012	0,268	FALSE
-0,060	0,296	-0,001	0,010	0,051	FALSE
-0,042	0,291	-0,001	0,008	0,049	FALSE
0,119	0,300	0,002	0,008	0,119	FALSE

0,082	0,295	0,001	0,013	0,024	FALSE
-0,077	0,287	-0,001	0,011	0,027	FALSE
-0,094	0,292	-0,005	0,012	0,167	FALSE
-0,066	0,280	-0,003	0,010	0,119	FALSE
-0,001	0,288	0,001	0,007	0,073	FALSE
0,155	0,299	0,003	0,008	0,185	FALSE
-0,030	0,295	-0,003	0,014	0,072	FALSE
0,012	0,288	0,001	0,011	0,018	FALSE
0,056	0,298	0,002	0,008	0,087	FALSE
-0,042	0,285	-0,002	0,008	0,086	FALSE
-0,167	0,274	-0,004	0,008	0,212	FALSE
-0,051	0,305	-0,001	0,008	0,048	FALSE
0,149	0,284	0,005	0,014	0,144	FALSE
-0,083	0,292	-0,002	0,009	0,105	FALSE
-0,109	0,295	-0,004	0,010	0,148	FALSE
0,077	0,271	0,002	0,009	0,081	FALSE
-0,154	0,280	-0,005	0,010	0,212	FALSE
-0,008	0,295	0,001	0,011	0,031	FALSE
-0,103	0,284	-0,004	0,013	0,113	FALSE
-0,079	0,286	-0,002	0,010	0,066	FALSE
0,005	0,295	-0,001	0,011	0,017	FALSE
0,090	0,302	0,003	0,009	0,105	FALSE
0,078	0,264	0,000	0,014	0,005	FALSE
-0,087	0,266	-0,004	0,010	0,163	FALSE
0,015	0,301	0,000	0,012	0,008	FALSE
-0,037	0,289	-0,001	0,008	0,042	FALSE
0,021	0,301	0,001	0,011	0,016	FALSE
-0,079	0,283	-0,003	0,008	0,162	FALSE
-0,024	0,293	-0,002	0,011	0,053	FALSE
0,162	0,282	0,005	0,012	0,174	FALSE
-0,006	0,294	0,001	0,008	0,023	FALSE
0,081	0,280	0,000	0,008	0,001	FALSE
-0,016	0,293	-0,001	0,011	0,036	FALSE
-0,109	0,290	-0,001	0,008	0,042	FALSE
-0,031	0,270	0,002	0,015	0,043	FALSE
0,131	0,279	0,003	0,007	0,153	FALSE
-0,003	0,294	0,002	0,011	0,063	FALSE
-0,027	0,278	0,001	0,010	0,038	FALSE
0,169	0,281	0,004	0,010	0,179	FALSE
0,223	0,266	0,006	0,009	0,273	FALSE
0,040	0,276	0,003	0,011	0,120	FALSE
-0,067	0,296	-0,002	0,010	0,066	FALSE
0,007	0,286	0,003	0,010	0,105	FALSE
0,017	0,294	0,001	0,014	0,021	FALSE
0,038	0,296	0,002	0,013	0,064	FALSE
0,020	0,290	0,001	0,007	0,027	FALSE
0,095	0,283	0,003	0,007	0,191	FALSE
-0,062	0,294	-0,004	0,014	0,124	FALSE
-0,083	0,285	-0,002	0,007	0,125	FALSE
-0,037	0,287	-0,001	0,015	0,021	FALSE
0,024	0,289	-0,001	0,009	0,026	FALSE
-0,115	0,282	-0,002	0,010	0,089	FALSE
0,017	0,286	0,001	0,007	0,042	FALSE

-0,071	0,289	0,000	0,008	0,018	FALSE
-0,045	0,282	0,000	0,008	0,015	FALSE
-0,058	0,283	-0,001	0,013	0,022	FALSE
-0,026	0,282	0,000	0,008	0,010	FALSE
-0,046	0,285	0,000	0,009	0,019	FALSE
-0,059	0,285	-0,001	0,009	0,025	FALSE
-0,032	0,286	0,000	0,009	0,003	FALSE
-0,027	0,284	-0,003	0,015	0,068	FALSE
-0,121	0,284	-0,007	0,014	0,204	FALSE
-0,003	0,285	0,000	0,009	0,016	FALSE
0,026	0,298	0,001	0,015	0,022	FALSE
0,009	0,293	0,000	0,014	0,009	FALSE
0,075	0,290	0,002	0,013	0,041	FALSE
-0,030	0,293	0,002	0,011	0,068	FALSE
0,096	0,286	0,001	0,012	0,029	FALSE
0,105	0,288	0,001	0,012	0,032	FALSE
-0,004	0,286	-0,002	0,012	0,052	FALSE
-0,054	0,288	-0,002	0,014	0,040	FALSE
0,145	0,285	0,004	0,008	0,195	FALSE
0,082	0,278	0,006	0,011	0,223	FALSE
0,049	0,278	0,002	0,009	0,092	FALSE
-0,032	0,293	0,000	0,009	0,002	FALSE
-0,035	0,281	0,001	0,009	0,040	FALSE
-0,099	0,287	-0,004	0,009	0,184	FALSE
0,011	0,296	-0,002	0,014	0,048	FALSE
-0,009	0,288	-0,001	0,011	0,039	FALSE
0,064	0,286	0,001	0,008	0,050	FALSE
0,066	0,274	0,005	0,014	0,157	FALSE
0,022	0,277	0,004	0,013	0,111	FALSE
-0,004	0,278	0,002	0,015	0,058	FALSE
-0,050	0,298	-0,003	0,015	0,070	FALSE
0,120	0,299	0,003	0,008	0,177	FALSE
-0,011	0,287	0,000	0,009	0,007	FALSE
-0,027	0,300	0,000	0,011	0,000	FALSE
-0,050	0,292	-0,001	0,010	0,035	FALSE
-0,043	0,287	0,000	0,010	0,015	FALSE
0,078	0,297	0,003	0,013	0,093	FALSE
0,018	0,281	0,002	0,010	0,084	FALSE
-0,088	0,285	-0,003	0,013	0,092	FALSE
0,018	0,296	0,001	0,014	0,030	FALSE
-0,100	0,294	-0,002	0,010	0,086	FALSE
0,031	0,283	0,001	0,014	0,023	FALSE
0,028	0,289	0,001	0,013	0,031	FALSE
0,044	0,286	0,001	0,015	0,022	FALSE
0,096	0,292	0,003	0,011	0,103	FALSE
0,002	0,289	0,002	0,009	0,072	FALSE
0,002	0,285	0,000	0,008	0,013	FALSE
0,037	0,282	0,002	0,012	0,053	FALSE
0,058	0,296	0,001	0,008	0,071	FALSE
-0,018	0,275	0,001	0,008	0,023	FALSE
0,014	0,297	0,000	0,013	0,005	FALSE
-0,128	0,287	-0,007	0,014	0,209	FALSE
0,025	0,283	0,006	0,014	0,163	FALSE

0,136	0,280	0,003	0,013	0,077	FALSE
0,127	0,271	0,005	0,013	0,174	FALSE
-0,038	0,279	-0,001	0,008	0,025	FALSE
-0,176	0,279	-0,008	0,013	0,252	FALSE
-0,041	0,286	-0,001	0,007	0,064	FALSE
-0,058	0,278	-0,002	0,015	0,037	FALSE
0,049	0,291	0,002	0,010	0,095	FALSE
-0,027	0,282	-0,002	0,015	0,057	FALSE
0,163	0,269	0,003	0,010	0,103	FALSE
-0,203	0,276	-0,005	0,010	0,235	FALSE
-0,127	0,287	-0,003	0,010	0,097	FALSE
-0,127	0,281	-0,003	0,010	0,110	FALSE
0,005	0,286	0,001	0,008	0,034	FALSE
0,146	0,284	0,006	0,014	0,178	FALSE
-0,040	0,292	0,000	0,015	0,002	FALSE
0,077	0,304	0,002	0,010	0,093	FALSE
-0,197	0,268	-0,008	0,012	0,304	FALSE
-0,040	0,287	0,000	0,010	0,009	FALSE
-0,028	0,271	-0,002	0,013	0,057	FALSE
-0,007	0,304	0,001	0,011	0,030	FALSE
-0,126	0,295	-0,003	0,010	0,123	FALSE
-0,129	0,281	-0,003	0,013	0,088	FALSE
0,060	0,288	0,001	0,008	0,051	FALSE
0,032	0,298	0,001	0,011	0,025	FALSE
0,092	0,278	0,003	0,010	0,094	FALSE
0,016	0,288	0,000	0,015	0,011	FALSE
0,028	0,288	0,001	0,007	0,077	FALSE
0,078	0,304	0,002	0,008	0,123	FALSE
0,035	0,280	0,001	0,014	0,039	FALSE
0,093	0,289	0,004	0,012	0,150	FALSE
0,035	0,283	0,001	0,007	0,032	FALSE
0,016	0,291	0,000	0,009	0,011	FALSE
0,009	0,267	0,000	0,008	0,016	FALSE
0,029	0,293	0,000	0,009	0,001	FALSE
0,150	0,286	0,005	0,010	0,198	FALSE
0,135	0,286	0,004	0,009	0,192	FALSE
0,035	0,275	0,003	0,014	0,095	FALSE
0,017	0,272	-0,002	0,008	0,076	FALSE
0,078	0,273	0,001	0,012	0,034	FALSE
0,012	0,292	0,001	0,013	0,035	FALSE
-0,141	0,264	-0,007	0,011	0,278	FALSE
-0,056	0,300	-0,002	0,014	0,051	FALSE
0,026	0,275	-0,001	0,010	0,050	FALSE
-0,011	0,282	0,000	0,007	0,011	FALSE
0,056	0,278	0,001	0,008	0,048	FALSE
-0,090	0,276	-0,001	0,013	0,037	FALSE
-0,083	0,287	-0,002	0,007	0,114	FALSE
-0,041	0,290	-0,001	0,008	0,055	FALSE
-0,007	0,299	0,001	0,014	0,030	FALSE
0,033	0,287	0,001	0,008	0,062	FALSE
0,040	0,290	0,002	0,008	0,071	FALSE
-0,094	0,289	-0,004	0,009	0,187	FALSE
0,014	0,286	0,001	0,008	0,054	FALSE

0,023	0,272	0,001	0,009	0,060	FALSE
-0,007	0,275	0,000	0,007	0,013	FALSE
0,054	0,276	-0,002	0,012	0,062	FALSE
0,080	0,275	0,000	0,011	0,004	FALSE
0,101	0,296	0,003	0,008	0,149	FALSE
-0,052	0,288	-0,001	0,009	0,042	FALSE
-0,014	0,287	-0,002	0,011	0,074	FALSE
-0,047	0,294	0,000	0,010	0,007	FALSE
0,035	0,280	0,003	0,012	0,105	FALSE
0,066	0,298	0,002	0,008	0,086	FALSE
0,108	0,286	0,006	0,014	0,160	FALSE
-0,029	0,283	0,002	0,014	0,058	FALSE
0,076	0,289	0,001	0,012	0,021	FALSE
0,030	0,281	0,001	0,009	0,059	FALSE
0,038	0,291	0,002	0,009	0,079	FALSE
-0,034	0,282	-0,002	0,009	0,070	FALSE
-0,159	0,281	-0,007	0,015	0,177	FALSE
-0,181	0,274	-0,007	0,015	0,206	FALSE
-0,052	0,308	-0,001	0,014	0,018	FALSE
-0,087	0,293	-0,002	0,013	0,057	FALSE
-0,024	0,297	0,000	0,013	0,003	FALSE
-0,006	0,285	0,001	0,013	0,015	FALSE
-0,021	0,287	0,000	0,013	0,000	FALSE
-0,003	0,284	0,000	0,010	0,002	FALSE
0,134	0,287	0,002	0,009	0,111	FALSE
0,062	0,289	0,003	0,008	0,161	FALSE
0,006	0,268	-0,003	0,012	0,082	FALSE
0,083	0,291	0,004	0,010	0,148	FALSE
0,093	0,280	0,004	0,009	0,160	FALSE
0,078	0,287	0,003	0,010	0,138	FALSE
0,076	0,281	0,003	0,009	0,145	FALSE
0,051	0,280	0,002	0,010	0,074	FALSE
0,125	0,275	0,008	0,013	0,265	FALSE
-0,138	0,275	-0,009	0,013	0,297	FALSE
0,122	0,284	0,008	0,014	0,239	FALSE
0,091	0,288	0,002	0,010	0,071	FALSE
0,128	0,282	0,004	0,011	0,126	FALSE
-0,122	0,283	-0,001	0,007	0,071	FALSE
-0,081	0,280	-0,001	0,015	0,035	FALSE
-0,043	0,300	-0,001	0,015	0,028	FALSE
-0,076	0,272	-0,003	0,008	0,136	FALSE
0,073	0,287	0,000	0,012	0,009	FALSE
-0,035	0,290	-0,002	0,010	0,088	FALSE
0,010	0,290	0,001	0,008	0,040	FALSE
0,119	0,273	0,003	0,009	0,164	FALSE
0,035	0,282	0,000	0,013	0,003	FALSE
-0,023	0,285	-0,001	0,010	0,035	FALSE
0,065	0,274	0,003	0,014	0,077	FALSE
0,038	0,284	0,002	0,014	0,047	FALSE
0,058	0,282	0,001	0,012	0,022	FALSE
0,036	0,278	0,000	0,011	0,007	FALSE
0,275	0,274	0,011	0,014	0,381	FALSE
-0,136	0,311	-0,006	0,016	0,139	FALSE

-0,019	0,298	-0,001	0,013	0,015	FALSE
-0,155	0,290	-0,006	0,009	0,279	FALSE
0,001	0,275	0,001	0,011	0,039	FALSE
0,085	0,276	0,004	0,011	0,155	FALSE
0,118	0,292	0,006	0,012	0,217	FALSE
0,066	0,274	0,005	0,013	0,171	FALSE
0,146	0,290	0,005	0,009	0,222	FALSE
-0,250	0,274	-0,005	0,008	0,293	FALSE
0,020	0,294	0,001	0,008	0,049	FALSE
0,011	0,289	0,001	0,010	0,023	FALSE
0,222	0,293	0,009	0,013	0,337	FALSE
-0,151	0,285	-0,003	0,008	0,132	FALSE
-0,038	0,267	-0,002	0,010	0,081	FALSE
-0,102	0,281	-0,004	0,009	0,168	FALSE
-0,039	0,281	-0,004	0,012	0,122	FALSE
-0,064	0,291	-0,002	0,008	0,076	FALSE
0,037	0,283	0,003	0,014	0,091	FALSE
0,044	0,285	0,002	0,012	0,052	FALSE
-0,006	0,276	-0,001	0,009	0,052	FALSE
0,076	0,291	0,003	0,011	0,104	FALSE
-0,028	0,286	-0,001	0,010	0,026	FALSE
-0,059	0,284	0,000	0,012	0,002	FALSE
0,027	0,295	0,001	0,015	0,033	FALSE
0,001	0,297	0,000	0,008	0,011	FALSE
0,036	0,288	0,002	0,014	0,063	FALSE
-0,034	0,288	-0,001	0,008	0,033	FALSE
-0,050	0,273	-0,001	0,009	0,055	FALSE
-0,103	0,275	-0,004	0,013	0,115	FALSE
0,123	0,286	0,001	0,008	0,052	FALSE
-0,001	0,311	0,001	0,016	0,024	FALSE
-0,043	0,299	0,000	0,013	0,005	FALSE
0,222	0,277	0,008	0,015	0,246	FALSE
0,075	0,295	0,001	0,012	0,026	FALSE
0,036	0,287	0,001	0,008	0,028	FALSE
-0,113	0,284	-0,004	0,009	0,171	FALSE
0,036	0,301	0,001	0,009	0,038	FALSE
0,124	0,282	0,005	0,013	0,139	FALSE
0,076	0,287	0,002	0,009	0,086	FALSE
-0,010	0,283	-0,001	0,013	0,024	FALSE
0,050	0,274	0,003	0,011	0,113	FALSE
0,076	0,290	0,003	0,014	0,095	FALSE
0,076	0,308	0,004	0,014	0,100	FALSE
0,091	0,283	0,005	0,014	0,128	FALSE
-0,085	0,274	-0,003	0,014	0,091	FALSE
-0,083	0,272	-0,001	0,007	0,074	FALSE
0,109	0,299	0,004	0,009	0,167	FALSE
-0,084	0,277	-0,002	0,011	0,081	FALSE
0,048	0,293	0,001	0,013	0,037	FALSE
0,022	0,286	0,001	0,010	0,030	FALSE
-0,045	0,289	-0,001	0,009	0,043	FALSE
-0,119	0,294	-0,004	0,015	0,088	FALSE
-0,119	0,287	-0,004	0,015	0,096	FALSE
-0,104	0,291	-0,002	0,015	0,058	FALSE

0,075	0,281	0,002	0,010	0,088	FALSE
-0,050	0,285	0,000	0,009	0,009	FALSE
-0,035	0,291	0,001	0,010	0,019	FALSE
0,045	0,296	0,001	0,009	0,049	FALSE
0,052	0,290	0,001	0,012	0,028	FALSE
-0,090	0,293	-0,004	0,012	0,135	FALSE
0,009	0,292	0,000	0,007	0,008	FALSE
0,013	0,288	-0,001	0,014	0,022	FALSE
0,164	0,280	0,008	0,013	0,267	FALSE
-0,060	0,269	-0,005	0,010	0,211	FALSE
0,043	0,293	0,003	0,013	0,077	FALSE
0,050	0,278	0,002	0,009	0,104	FALSE
-0,043	0,281	0,000	0,008	0,003	FALSE
-0,066	0,280	-0,003	0,009	0,120	FALSE
0,281	0,261	0,013	0,013	0,487	FALSE
0,217	0,283	0,008	0,013	0,257	FALSE
-0,013	0,282	0,002	0,011	0,082	FALSE
0,076	0,290	0,006	0,014	0,186	FALSE
0,160	0,285	0,006	0,015	0,164	FALSE
-0,025	0,296	0,001	0,008	0,024	FALSE
-0,024	0,298	-0,002	0,014	0,055	FALSE
0,047	0,282	0,002	0,010	0,078	FALSE
-0,014	0,287	0,000	0,014	0,004	FALSE
0,067	0,284	0,002	0,008	0,115	FALSE
-0,043	0,289	-0,001	0,008	0,033	FALSE
-0,109	0,295	-0,005	0,012	0,160	FALSE
-0,002	0,284	0,001	0,007	0,064	FALSE
0,049	0,284	0,002	0,009	0,081	FALSE
0,002	0,302	-0,001	0,014	0,034	FALSE
0,007	0,294	0,000	0,009	0,010	FALSE
-0,009	0,276	0,001	0,008	0,034	FALSE
0,177	0,274	0,007	0,015	0,205	FALSE
-0,088	0,288	-0,003	0,011	0,100	FALSE
0,116	0,272	0,004	0,011	0,168	FALSE
-0,040	0,301	-0,001	0,012	0,044	FALSE
-0,050	0,296	-0,002	0,012	0,052	FALSE
0,075	0,291	0,000	0,015	0,004	FALSE
-0,016	0,289	0,003	0,015	0,071	FALSE
-0,006	0,266	0,000	0,007	0,013	FALSE
0,044	0,285	0,002	0,013	0,056	FALSE
0,084	0,289	0,003	0,012	0,095	FALSE
-0,097	0,292	-0,003	0,009	0,137	FALSE
0,037	0,287	0,002	0,013	0,067	FALSE
-0,045	0,284	0,000	0,014	0,000	FALSE
-0,171	0,274	-0,005	0,014	0,145	FALSE
-0,191	0,280	-0,007	0,013	0,236	FALSE
-0,027	0,284	0,000	0,011	0,002	FALSE
-0,111	0,283	-0,003	0,014	0,085	FALSE
0,155	0,290	0,005	0,012	0,167	FALSE
-0,169	0,275	-0,006	0,012	0,221	FALSE
0,138	0,273	0,009	0,014	0,294	FALSE
-0,160	0,297	-0,004	0,009	0,203	FALSE
-0,107	0,281	-0,003	0,009	0,145	FALSE

0,130	0,300	0,006	0,012	0,205	FALSE
0,004	0,295	-0,001	0,011	0,044	FALSE
-0,079	0,279	-0,002	0,012	0,054	FALSE
-0,024	0,290	-0,002	0,011	0,071	FALSE
-0,007	0,297	-0,001	0,010	0,049	FALSE
-0,018	0,285	-0,002	0,010	0,077	FALSE
0,038	0,292	-0,001	0,011	0,038	FALSE
-0,071	0,282	-0,001	0,014	0,039	FALSE
-0,091	0,284	-0,002	0,008	0,084	FALSE
0,021	0,290	0,000	0,007	0,021	FALSE
0,053	0,277	0,002	0,012	0,053	FALSE
-0,055	0,286	-0,002	0,013	0,054	FALSE
-0,066	0,291	-0,002	0,014	0,051	FALSE
-0,036	0,285	0,000	0,013	0,012	FALSE
-0,059	0,287	-0,002	0,013	0,056	FALSE
-0,048	0,280	-0,001	0,013	0,040	FALSE
-0,078	0,296	-0,003	0,014	0,070	FALSE
-0,051	0,287	-0,003	0,014	0,092	FALSE
0,047	0,288	0,001	0,009	0,049	FALSE
0,086	0,281	0,003	0,009	0,122	FALSE
0,008	0,293	0,002	0,008	0,088	FALSE
0,250	0,266	0,006	0,009	0,287	FALSE
-0,030	0,281	-0,002	0,008	0,078	FALSE
-0,035	0,287	0,000	0,008	0,016	FALSE
-0,008	0,282	0,001	0,009	0,057	FALSE
-0,026	0,275	-0,001	0,009	0,040	FALSE
-0,099	0,293	-0,002	0,012	0,061	FALSE
-0,162	0,290	-0,005	0,010	0,228	FALSE
-0,025	0,284	-0,001	0,014	0,027	FALSE
0,025	0,299	0,000	0,015	0,003	FALSE
-0,126	0,285	-0,004	0,008	0,197	FALSE
-0,074	0,277	-0,004	0,009	0,186	FALSE
-0,094	0,287	-0,003	0,009	0,126	FALSE
-0,058	0,277	-0,001	0,008	0,065	FALSE
0,019	0,283	0,001	0,010	0,053	FALSE
-0,104	0,278	-0,006	0,014	0,162	FALSE
-0,113	0,284	-0,003	0,008	0,161	FALSE
0,044	0,278	0,003	0,013	0,075	FALSE
-0,190	0,281	-0,006	0,009	0,300	FALSE
-0,125	0,271	-0,003	0,009	0,126	FALSE
0,020	0,283	0,001	0,007	0,039	FALSE
0,070	0,292	0,004	0,008	0,202	FALSE
0,035	0,285	0,004	0,009	0,155	FALSE
0,016	0,266	-0,001	0,012	0,038	FALSE
0,040	0,301	0,001	0,009	0,033	FALSE
-0,009	0,278	0,000	0,014	0,001	FALSE
-0,069	0,284	0,000	0,008	0,011	FALSE
0,034	0,280	0,001	0,014	0,034	FALSE
0,062	0,292	0,000	0,010	0,013	FALSE
-0,061	0,278	-0,002	0,008	0,074	FALSE
-0,056	0,286	-0,004	0,014	0,115	FALSE
0,029	0,290	0,003	0,007	0,138	FALSE
0,129	0,288	0,006	0,014	0,164	FALSE

0,188	0,272	0,009	0,014	0,279	FALSE
-0,115	0,291	-0,003	0,013	0,082	FALSE
0,045	0,290	0,001	0,010	0,027	FALSE
0,194	0,278	0,007	0,015	0,181	FALSE
0,113	0,290	0,005	0,013	0,145	FALSE
0,097	0,288	0,003	0,011	0,121	FALSE
-0,214	0,272	-0,008	0,012	0,312	FALSE
0,240	0,277	0,008	0,014	0,259	FALSE
-0,153	0,284	-0,005	0,012	0,191	FALSE
0,032	0,290	0,003	0,010	0,101	FALSE
0,057	0,288	0,003	0,009	0,125	FALSE
-0,210	0,277	-0,008	0,012	0,285	FALSE
0,180	0,292	0,006	0,010	0,293	FALSE
0,074	0,270	0,000	0,009	0,012	FALSE
-0,098	0,294	-0,005	0,010	0,198	FALSE
-0,033	0,283	0,001	0,007	0,036	FALSE
-0,001	0,295	0,001	0,008	0,045	FALSE
-0,117	0,298	-0,003	0,010	0,137	FALSE
-0,004	0,296	0,000	0,007	0,021	FALSE
-0,078	0,291	-0,004	0,014	0,108	FALSE
-0,046	0,289	-0,002	0,013	0,064	FALSE
0,138	0,273	0,005	0,015	0,126	FALSE
0,044	0,280	0,001	0,009	0,031	FALSE
-0,013	0,293	0,000	0,014	0,008	FALSE
0,058	0,286	0,002	0,012	0,062	FALSE
-0,049	0,293	-0,001	0,011	0,048	FALSE
-0,010	0,289	0,000	0,008	0,004	FALSE
0,074	0,284	0,004	0,011	0,136	FALSE
-0,068	0,280	-0,004	0,015	0,095	FALSE
-0,045	0,277	-0,001	0,007	0,079	FALSE
-0,134	0,280	-0,003	0,007	0,152	FALSE
-0,065	0,285	0,000	0,008	0,017	FALSE
-0,093	0,288	-0,003	0,010	0,104	FALSE
0,073	0,301	0,003	0,015	0,079	FALSE
0,026	0,294	0,005	0,015	0,120	FALSE
0,055	0,296	0,002	0,013	0,051	FALSE
-0,076	0,293	-0,005	0,015	0,125	FALSE
-0,125	0,288	-0,002	0,008	0,124	FALSE
0,090	0,286	0,003	0,009	0,104	FALSE
0,053	0,283	0,003	0,008	0,138	FALSE
-0,035	0,298	-0,003	0,010	0,104	FALSE
0,009	0,295	-0,002	0,013	0,047	FALSE
-0,006	0,274	-0,004	0,015	0,109	FALSE
0,108	0,286	0,006	0,015	0,176	FALSE
0,000	0,297	0,000	0,009	0,014	FALSE
0,030	0,283	0,002	0,011	0,052	FALSE
0,091	0,291	0,005	0,009	0,245	FALSE
0,028	0,277	0,002	0,009	0,070	FALSE
0,044	0,287	0,002	0,009	0,103	FALSE
0,150	0,284	0,006	0,013	0,189	FALSE
0,173	0,280	0,007	0,013	0,248	FALSE
0,007	0,293	0,000	0,011	0,015	FALSE
0,057	0,294	0,003	0,009	0,123	FALSE

-0,063	0,277	-0,003	0,009	0,103	FALSE
-0,118	0,293	-0,003	0,014	0,075	FALSE
-0,009	0,289	0,000	0,014	0,001	FALSE
-0,014	0,297	-0,001	0,014	0,015	FALSE
-0,090	0,282	-0,002	0,014	0,057	FALSE
0,119	0,276	0,004	0,010	0,148	FALSE
0,020	0,307	0,001	0,015	0,018	FALSE
-0,034	0,291	-0,001	0,015	0,031	FALSE
-0,006	0,309	0,000	0,015	0,007	FALSE
-0,061	0,295	-0,003	0,014	0,087	FALSE
0,065	0,285	0,003	0,012	0,084	FALSE
-0,008	0,300	0,000	0,012	0,013	FALSE
0,085	0,272	0,002	0,010	0,087	FALSE
-0,084	0,284	-0,004	0,014	0,108	FALSE
-0,054	0,271	-0,002	0,010	0,064	FALSE
0,069	0,280	0,002	0,013	0,058	FALSE
0,133	0,281	0,005	0,013	0,156	FALSE
-0,006	0,275	-0,002	0,014	0,059	FALSE
0,071	0,282	0,004	0,011	0,131	FALSE
-0,138	0,273	-0,003	0,013	0,104	FALSE
-0,109	0,284	-0,002	0,008	0,108	FALSE
-0,072	0,292	-0,001	0,008	0,054	FALSE
-0,084	0,281	-0,002	0,009	0,083	FALSE
0,073	0,281	0,001	0,008	0,025	FALSE
0,056	0,297	0,000	0,016	0,006	FALSE
0,026	0,277	0,001	0,013	0,015	FALSE
-0,138	0,286	-0,003	0,009	0,123	FALSE
0,004	0,285	-0,002	0,013	0,052	FALSE
-0,003	0,290	-0,002	0,014	0,055	FALSE
0,018	0,286	0,001	0,008	0,024	FALSE
-0,104	0,287	-0,003	0,011	0,102	FALSE
0,118	0,288	0,005	0,014	0,141	FALSE
0,023	0,284	-0,003	0,015	0,076	FALSE
0,029	0,288	0,004	0,014	0,121	FALSE
-0,005	0,285	-0,003	0,014	0,086	FALSE
0,035	0,283	-0,002	0,015	0,048	FALSE
0,057	0,284	0,002	0,009	0,094	FALSE
0,030	0,301	0,002	0,012	0,075	FALSE
-0,107	0,293	-0,005	0,014	0,154	FALSE
0,070	0,281	0,002	0,011	0,056	FALSE
-0,007	0,286	-0,001	0,009	0,030	FALSE
-0,008	0,295	0,000	0,008	0,015	FALSE
-0,002	0,282	0,000	0,009	0,004	FALSE
-0,005	0,293	-0,001	0,009	0,032	FALSE
-0,042	0,294	-0,001	0,015	0,027	FALSE
0,044	0,296	0,002	0,014	0,053	FALSE
0,078	0,295	0,002	0,015	0,043	FALSE
-0,094	0,280	-0,005	0,014	0,138	FALSE
0,021	0,294	0,001	0,009	0,021	FALSE
0,033	0,293	0,003	0,015	0,067	FALSE
-0,117	0,291	-0,003	0,007	0,159	FALSE
0,073	0,283	0,002	0,014	0,054	FALSE
-0,001	0,279	0,000	0,014	0,005	FALSE

0,104	0,283	0,003	0,012	0,079	FALSE
-0,065	0,277	-0,002	0,008	0,074	FALSE
-0,132	0,276	-0,002	0,012	0,064	FALSE
0,005	0,299	0,000	0,011	0,004	FALSE
-0,062	0,297	-0,001	0,011	0,024	FALSE
0,047	0,295	0,002	0,009	0,079	FALSE
-0,184	0,259	-0,005	0,011	0,213	FALSE
-0,048	0,273	-0,001	0,010	0,044	FALSE
0,217	0,275	0,009	0,014	0,277	FALSE
-0,019	0,291	0,001	0,015	0,028	FALSE
-0,099	0,288	-0,004	0,012	0,145	FALSE
0,053	0,272	0,003	0,014	0,073	FALSE
0,063	0,272	0,001	0,008	0,066	FALSE
-0,025	0,296	-0,002	0,015	0,048	FALSE
0,170	0,285	0,005	0,013	0,160	FALSE
0,047	0,298	0,000	0,010	0,000	FALSE
0,035	0,277	0,001	0,008	0,035	FALSE
0,004	0,280	0,000	0,008	0,000	FALSE
-0,002	0,285	-0,001	0,008	0,045	FALSE
0,027	0,294	0,001	0,010	0,042	FALSE
0,004	0,289	-0,001	0,012	0,019	FALSE
0,094	0,283	0,002	0,008	0,091	FALSE
0,137	0,288	0,004	0,011	0,137	FALSE
-0,026	0,292	-0,001	0,008	0,031	FALSE
-0,014	0,274	-0,001	0,008	0,029	FALSE
-0,067	0,302	-0,002	0,011	0,068	FALSE
-0,072	0,287	-0,002	0,010	0,065	FALSE
-0,071	0,286	-0,002	0,011	0,054	FALSE
0,220	0,271	0,008	0,012	0,307	FALSE
0,021	0,290	0,002	0,007	0,105	FALSE
-0,120	0,277	-0,002	0,008	0,078	FALSE
-0,060	0,287	-0,004	0,012	0,138	FALSE
-0,091	0,291	-0,004	0,015	0,103	FALSE
0,145	0,277	0,006	0,015	0,172	FALSE
0,200	0,289	0,005	0,010	0,228	FALSE
-0,199	0,271	-0,009	0,013	0,332	FALSE
0,274	0,279	0,006	0,008	0,329	FALSE
-0,033	0,275	-0,003	0,012	0,102	FALSE
-0,046	0,280	0,000	0,010	0,008	FALSE
-0,029	0,287	0,000	0,010	0,008	FALSE
0,099	0,295	0,001	0,014	0,032	FALSE
-0,142	0,286	-0,005	0,015	0,122	FALSE
-0,054	0,291	-0,002	0,008	0,092	FALSE
0,248	0,284	0,008	0,015	0,220	FALSE
-0,029	0,284	-0,001	0,008	0,056	FALSE
-0,005	0,284	0,002	0,014	0,050	FALSE
0,110	0,267	0,003	0,009	0,140	FALSE
0,155	0,278	0,006	0,014	0,182	FALSE
0,175	0,288	0,007	0,011	0,256	FALSE
0,179	0,272	0,007	0,009	0,358	FALSE
0,115	0,287	0,001	0,008	0,059	FALSE
0,136	0,287	0,009	0,015	0,251	FALSE
0,093	0,284	0,001	0,008	0,064	FALSE

-0,111	0,287	-0,003	0,011	0,125	FALSE
0,089	0,274	0,002	0,008	0,097	FALSE
0,154	0,299	0,005	0,009	0,222	FALSE
-0,020	0,286	0,000	0,008	0,005	FALSE
-0,048	0,268	-0,003	0,013	0,073	FALSE
0,082	0,291	0,004	0,011	0,133	FALSE
0,106	0,280	0,006	0,014	0,172	FALSE
0,046	0,285	0,003	0,012	0,103	FALSE
-0,101	0,286	-0,003	0,008	0,133	FALSE
-0,093	0,279	-0,002	0,008	0,103	FALSE
0,003	0,286	0,000	0,009	0,015	FALSE
-0,065	0,287	-0,003	0,011	0,091	FALSE
0,038	0,280	0,002	0,010	0,064	FALSE
0,051	0,277	0,002	0,010	0,063	FALSE
0,086	0,284	0,003	0,011	0,090	FALSE
-0,048	0,281	-0,003	0,012	0,110	FALSE
-0,154	0,271	-0,004	0,013	0,107	FALSE
-0,202	0,277	-0,006	0,012	0,215	FALSE
0,074	0,286	0,001	0,012	0,043	FALSE
0,031	0,289	0,003	0,015	0,070	FALSE
-0,035	0,291	0,000	0,012	0,001	FALSE
0,106	0,279	0,003	0,012	0,089	FALSE
0,026	0,285	0,002	0,009	0,066	FALSE
0,101	0,294	0,001	0,008	0,040	FALSE
-0,165	0,286	-0,009	0,014	0,289	FALSE
-0,140	0,284	-0,008	0,015	0,228	FALSE
0,020	0,296	0,000	0,014	0,011	FALSE
-0,028	0,267	-0,004	0,012	0,121	FALSE
-0,013	0,292	-0,002	0,015	0,062	FALSE
-0,086	0,292	-0,002	0,007	0,090	FALSE
0,008	0,285	0,002	0,007	0,106	FALSE
0,019	0,284	-0,001	0,009	0,033	FALSE
-0,080	0,294	-0,003	0,012	0,094	FALSE
-0,112	0,282	-0,007	0,012	0,257	FALSE
0,043	0,296	0,001	0,009	0,033	FALSE
0,021	0,278	-0,001	0,014	0,023	FALSE
-0,223	0,273	-0,005	0,008	0,307	FALSE
0,163	0,292	0,003	0,008	0,167	FALSE
0,041	0,294	0,002	0,009	0,074	FALSE
0,035	0,294	0,000	0,011	0,010	FALSE
-0,070	0,295	-0,005	0,015	0,126	FALSE
0,135	0,286	0,004	0,010	0,143	FALSE
-0,080	0,282	-0,003	0,007	0,183	FALSE
-0,176	0,278	-0,009	0,011	0,371	FALSE
-0,029	0,275	-0,001	0,007	0,046	FALSE
-0,063	0,286	-0,001	0,010	0,052	FALSE
-0,037	0,276	-0,001	0,009	0,028	FALSE
-0,066	0,287	-0,002	0,015	0,046	FALSE
-0,017	0,294	0,001	0,011	0,019	FALSE
-0,048	0,288	-0,002	0,013	0,064	FALSE
-0,190	0,278	-0,004	0,009	0,187	FALSE
0,100	0,296	0,004	0,015	0,107	FALSE
-0,064	0,297	-0,003	0,011	0,086	FALSE

-0,105	0,282	-0,006	0,013	0,175	FALSE
0,044	0,284	0,001	0,008	0,032	FALSE
0,000	0,281	-0,001	0,009	0,054	FALSE
0,003	0,291	0,001	0,008	0,053	FALSE
0,063	0,281	0,004	0,014	0,117	FALSE
-0,076	0,301	-0,001	0,008	0,054	FALSE
-0,097	0,291	-0,003	0,014	0,079	FALSE
-0,141	0,278	-0,004	0,013	0,120	FALSE
-0,086	0,280	-0,002	0,008	0,098	FALSE
-0,203	0,278	-0,004	0,009	0,214	FALSE
-0,053	0,283	-0,001	0,008	0,032	FALSE
-0,043	0,272	-0,003	0,013	0,088	FALSE
0,043	0,290	0,002	0,014	0,046	FALSE
0,075	0,275	0,004	0,013	0,103	FALSE
-0,079	0,292	-0,004	0,011	0,155	FALSE
-0,029	0,279	-0,001	0,016	0,030	FALSE
-0,015	0,293	-0,001	0,014	0,036	FALSE
-0,026	0,294	0,001	0,010	0,027	FALSE
0,125	0,292	0,003	0,007	0,151	FALSE
-0,012	0,279	0,000	0,013	0,001	FALSE
-0,001	0,302	0,000	0,009	0,001	FALSE
0,051	0,295	0,002	0,010	0,075	FALSE
0,071	0,290	0,005	0,014	0,159	FALSE
0,035	0,299	0,004	0,014	0,110	FALSE
-0,118	0,293	-0,003	0,014	0,080	FALSE
-0,083	0,288	-0,001	0,007	0,053	FALSE
-0,147	0,276	-0,004	0,007	0,246	FALSE
0,104	0,280	0,002	0,014	0,064	FALSE
0,046	0,286	0,000	0,009	0,012	FALSE
0,088	0,293	0,002	0,008	0,097	FALSE
-0,004	0,275	-0,001	0,007	0,038	FALSE
0,184	0,276	0,007	0,008	0,424	FALSE
-0,065	0,291	-0,002	0,008	0,085	FALSE
-0,082	0,284	-0,001	0,008	0,048	FALSE
0,028	0,274	-0,001	0,014	0,026	FALSE
-0,023	0,272	-0,004	0,014	0,116	FALSE
0,079	0,277	0,002	0,013	0,042	FALSE
-0,044	0,290	0,002	0,015	0,044	FALSE
0,008	0,288	0,003	0,013	0,084	FALSE
0,050	0,277	0,005	0,012	0,163	FALSE
-0,016	0,279	-0,001	0,010	0,022	FALSE
-0,077	0,285	-0,002	0,009	0,089	FALSE
-0,006	0,289	0,000	0,012	0,013	FALSE
0,011	0,281	0,000	0,010	0,006	FALSE
0,041	0,278	0,001	0,010	0,041	FALSE
-0,095	0,282	-0,001	0,007	0,066	FALSE
0,067	0,287	0,002	0,015	0,056	FALSE
-0,049	0,296	-0,001	0,010	0,037	FALSE
-0,001	0,279	0,000	0,008	0,018	FALSE
-0,042	0,282	0,000	0,008	0,003	FALSE
-0,034	0,274	0,000	0,010	0,010	FALSE
-0,175	0,288	-0,006	0,010	0,257	FALSE
0,260	0,265	0,011	0,014	0,378	FALSE

-0,080	0,275	-0,002	0,009	0,098	FALSE
-0,167	0,295	-0,006	0,014	0,175	FALSE
-0,154	0,285	-0,004	0,012	0,141	FALSE
-0,210	0,277	-0,007	0,012	0,270	FALSE
0,095	0,291	0,003	0,013	0,096	FALSE
-0,044	0,276	-0,002	0,009	0,065	FALSE
-0,158	0,275	-0,007	0,012	0,269	FALSE
-0,041	0,298	0,000	0,010	0,012	FALSE
-0,042	0,288	-0,001	0,014	0,017	FALSE
0,100	0,302	0,003	0,008	0,171	FALSE
0,003	0,283	0,001	0,010	0,028	FALSE
0,088	0,291	0,003	0,011	0,086	FALSE
0,093	0,277	0,006	0,012	0,203	FALSE
0,049	0,302	0,001	0,008	0,043	FALSE
-0,176	0,292	-0,008	0,013	0,260	FALSE
-0,072	0,272	-0,002	0,010	0,076	FALSE
-0,066	0,287	-0,002	0,008	0,113	FALSE
-0,015	0,286	-0,002	0,012	0,052	FALSE
0,025	0,294	-0,001	0,010	0,034	FALSE
-0,009	0,297	0,000	0,010	0,002	FALSE
0,065	0,296	0,002	0,008	0,115	FALSE
0,026	0,284	0,001	0,007	0,042	FALSE
-0,088	0,275	-0,004	0,014	0,120	FALSE
0,074	0,296	0,001	0,015	0,018	FALSE
0,172	0,275	0,007	0,012	0,233	FALSE
-0,033	0,288	-0,004	0,014	0,109	FALSE
0,021	0,284	-0,001	0,013	0,026	FALSE
-0,125	0,284	-0,003	0,008	0,147	FALSE
0,087	0,280	0,008	0,013	0,274	FALSE
0,054	0,279	0,007	0,013	0,222	FALSE
0,044	0,289	0,003	0,009	0,144	FALSE
0,140	0,267	0,003	0,012	0,085	FALSE
-0,007	0,286	-0,001	0,013	0,027	FALSE
0,105	0,281	0,003	0,012	0,111	FALSE
0,046	0,283	0,001	0,013	0,021	FALSE
-0,045	0,293	-0,001	0,009	0,025	FALSE
-0,215	0,273	-0,005	0,010	0,229	FALSE
0,177	0,290	0,007	0,014	0,206	FALSE
0,091	0,297	0,003	0,015	0,091	FALSE
0,197	0,263	0,007	0,014	0,201	FALSE
-0,084	0,287	-0,002	0,008	0,093	FALSE
0,000	0,276	0,000	0,010	0,001	FALSE
-0,004	0,293	0,000	0,007	0,007	FALSE
-0,085	0,290	-0,002	0,011	0,063	FALSE
-0,014	0,284	-0,001	0,014	0,018	FALSE
-0,192	0,281	-0,008	0,012	0,330	FALSE
0,012	0,296	0,001	0,013	0,014	FALSE
0,128	0,292	0,006	0,009	0,298	FALSE
-0,013	0,298	-0,001	0,013	0,017	FALSE
-0,097	0,279	-0,006	0,012	0,188	FALSE
0,045	0,280	0,002	0,012	0,070	FALSE
0,037	0,286	0,002	0,012	0,050	FALSE
-0,069	0,287	-0,005	0,014	0,148	FALSE

0,042	0,303	0,001	0,008	0,034	FALSE
-0,050	0,298	-0,001	0,009	0,062	FALSE
0,006	0,291	0,001	0,010	0,042	FALSE
0,118	0,280	0,006	0,013	0,175	FALSE
0,048	0,285	0,001	0,008	0,064	FALSE
-0,082	0,289	-0,006	0,015	0,154	FALSE
-0,017	0,295	-0,001	0,010	0,034	FALSE
0,010	0,287	0,000	0,013	0,002	FALSE
0,026	0,294	0,001	0,009	0,062	FALSE
-0,003	0,294	0,002	0,010	0,095	FALSE
-0,089	0,302	-0,003	0,008	0,160	FALSE
-0,102	0,284	-0,005	0,010	0,200	FALSE
0,020	0,286	0,001	0,009	0,039	FALSE
0,006	0,295	0,001	0,010	0,027	FALSE
0,022	0,292	0,003	0,011	0,102	FALSE
0,069	0,303	0,003	0,010	0,145	FALSE
-0,051	0,280	-0,001	0,008	0,034	FALSE
0,057	0,302	0,005	0,015	0,142	FALSE
0,076	0,298	0,004	0,010	0,148	FALSE
-0,021	0,277	-0,005	0,013	0,147	FALSE
0,065	0,298	0,003	0,015	0,074	FALSE
-0,031	0,303	-0,002	0,011	0,050	FALSE
-0,038	0,288	0,000	0,008	0,007	FALSE
-0,091	0,284	-0,003	0,012	0,110	FALSE
-0,069	0,284	-0,003	0,012	0,096	FALSE
-0,017	0,279	0,000	0,012	0,012	FALSE
0,094	0,280	0,005	0,015	0,133	FALSE
0,032	0,294	0,003	0,011	0,104	FALSE
0,037	0,285	0,003	0,012	0,109	FALSE
0,113	0,299	0,005	0,016	0,124	FALSE
-0,124	0,283	-0,005	0,012	0,175	FALSE
-0,059	0,284	-0,001	0,013	0,036	FALSE
0,132	0,275	0,003	0,009	0,129	FALSE
-0,022	0,277	-0,002	0,012	0,060	FALSE
-0,108	0,296	-0,002	0,008	0,116	FALSE
-0,090	0,287	-0,002	0,014	0,055	FALSE
-0,153	0,279	-0,004	0,009	0,191	FALSE
-0,223	0,283	-0,005	0,008	0,286	FALSE
0,056	0,289	0,001	0,007	0,066	FALSE
-0,045	0,285	0,001	0,007	0,050	FALSE
0,022	0,298	0,001	0,015	0,020	FALSE
-0,182	0,281	-0,005	0,008	0,277	FALSE
-0,023	0,281	-0,001	0,014	0,016	FALSE
0,089	0,272	0,002	0,011	0,075	FALSE
0,004	0,281	0,001	0,015	0,022	FALSE
0,057	0,280	0,001	0,009	0,057	FALSE
-0,021	0,280	-0,004	0,014	0,120	FALSE
-0,047	0,286	-0,006	0,014	0,166	FALSE
-0,040	0,275	-0,006	0,014	0,181	FALSE
0,067	0,292	0,005	0,015	0,122	FALSE
-0,051	0,284	0,001	0,011	0,021	FALSE
-0,093	0,280	-0,006	0,013	0,201	FALSE
-0,023	0,289	-0,003	0,015	0,068	FALSE

-0,031	0,295	-0,001	0,011	0,022	FALSE
0,068	0,288	0,000	0,013	0,006	FALSE
-0,053	0,282	-0,004	0,015	0,104	FALSE
-0,058	0,279	-0,005	0,014	0,135	FALSE
0,008	0,272	-0,002	0,013	0,049	FALSE
-0,131	0,282	-0,002	0,009	0,088	FALSE
0,028	0,276	-0,001	0,014	0,021	FALSE
-0,008	0,290	-0,002	0,014	0,053	FALSE
0,069	0,288	0,005	0,014	0,145	FALSE
0,063	0,294	0,005	0,014	0,148	FALSE
-0,063	0,275	-0,001	0,012	0,039	FALSE
-0,038	0,278	0,000	0,008	0,010	FALSE
0,110	0,285	0,004	0,013	0,130	FALSE
-0,022	0,295	0,000	0,012	0,008	FALSE
0,031	0,301	0,001	0,011	0,042	FALSE
0,105	0,280	0,001	0,009	0,032	FALSE
0,008	0,297	0,001	0,009	0,033	FALSE
-0,210	0,276	-0,004	0,007	0,226	FALSE
-0,101	0,293	-0,003	0,011	0,115	FALSE
-0,191	0,277	-0,006	0,008	0,363	FALSE
0,032	0,284	0,001	0,009	0,030	FALSE
0,114	0,285	0,003	0,013	0,093	FALSE
0,010	0,296	0,000	0,011	0,004	FALSE
-0,012	0,289	0,002	0,010	0,069	FALSE
-0,094	0,289	-0,001	0,007	0,042	FALSE
-0,001	0,304	0,000	0,015	0,004	FALSE
-0,136	0,268	-0,002	0,007	0,118	FALSE
-0,033	0,289	-0,001	0,011	0,022	FALSE
0,049	0,299	0,001	0,013	0,020	FALSE
0,066	0,284	0,000	0,007	0,008	FALSE
0,015	0,280	-0,001	0,007	0,054	FALSE
0,004	0,295	0,001	0,011	0,036	FALSE
-0,043	0,293	0,000	0,007	0,004	FALSE
0,099	0,290	0,002	0,008	0,076	FALSE
0,095	0,294	0,003	0,016	0,075	FALSE
0,025	0,274	-0,001	0,008	0,038	FALSE
0,032	0,288	0,000	0,007	0,001	FALSE
0,128	0,298	0,003	0,008	0,128	FALSE
0,082	0,282	0,000	0,008	0,022	FALSE
-0,082	0,297	-0,001	0,012	0,035	FALSE
0,156	0,279	0,004	0,013	0,127	FALSE
0,062	0,284	0,001	0,009	0,062	FALSE
0,142	0,294	0,004	0,010	0,166	FALSE
-0,206	0,265	-0,006	0,008	0,329	FALSE
-0,051	0,283	-0,001	0,008	0,064	FALSE
0,044	0,293	0,001	0,009	0,040	FALSE
-0,034	0,290	-0,002	0,010	0,070	FALSE
0,131	0,288	0,008	0,015	0,232	FALSE
-0,166	0,286	-0,006	0,011	0,216	FALSE
-0,254	0,261	-0,011	0,014	0,365	FALSE
-0,238	0,267	-0,005	0,007	0,336	FALSE
-0,031	0,279	-0,002	0,007	0,084	FALSE
-0,083	0,286	-0,004	0,013	0,119	FALSE

-0,066	0,280	-0,004	0,011	0,148	FALSE
-0,149	0,290	-0,002	0,009	0,107	FALSE
-0,232	0,282	-0,009	0,014	0,305	FALSE
0,155	0,277	0,005	0,011	0,219	FALSE
0,058	0,297	0,001	0,011	0,017	FALSE
0,012	0,298	0,002	0,007	0,087	FALSE
-0,110	0,299	-0,006	0,013	0,191	FALSE
-0,069	0,293	-0,002	0,010	0,077	FALSE
0,058	0,284	0,002	0,009	0,068	FALSE
-0,079	0,275	-0,005	0,012	0,183	FALSE
-0,041	0,292	-0,001	0,009	0,036	FALSE
0,042	0,273	0,000	0,008	0,010	FALSE
0,102	0,286	0,003	0,009	0,113	FALSE
-0,096	0,296	-0,001	0,008	0,056	FALSE
-0,049	0,292	-0,001	0,014	0,033	FALSE
-0,033	0,289	-0,001	0,013	0,014	FALSE
0,159	0,287	0,005	0,007	0,267	FALSE
-0,213	0,272	-0,006	0,008	0,320	FALSE
-0,105	0,304	-0,004	0,015	0,094	FALSE
0,124	0,284	0,004	0,014	0,120	FALSE
0,094	0,301	0,003	0,011	0,123	FALSE
-0,053	0,277	-0,002	0,010	0,090	FALSE
-0,081	0,289	-0,003	0,009	0,139	FALSE
-0,044	0,293	-0,002	0,008	0,123	FALSE
0,010	0,291	-0,003	0,015	0,065	FALSE
-0,015	0,287	-0,001	0,009	0,033	FALSE
0,046	0,303	0,002	0,013	0,055	FALSE
0,125	0,298	0,005	0,014	0,153	FALSE
0,036	0,277	0,002	0,011	0,051	FALSE
-0,076	0,293	0,000	0,012	0,003	FALSE
-0,133	0,282	-0,005	0,013	0,169	FALSE
0,061	0,278	0,000	0,008	0,013	FALSE
0,173	0,291	0,006	0,013	0,187	FALSE
0,097	0,285	0,003	0,009	0,123	FALSE
0,079	0,297	0,002	0,008	0,106	FALSE
-0,123	0,296	-0,003	0,007	0,172	FALSE
-0,008	0,289	0,001	0,010	0,032	FALSE
0,008	0,275	-0,001	0,008	0,055	FALSE
-0,061	0,278	-0,002	0,007	0,085	FALSE
0,020	0,288	0,000	0,013	0,003	FALSE
-0,044	0,286	-0,002	0,014	0,059	FALSE
0,045	0,290	0,002	0,007	0,080	FALSE
-0,022	0,290	-0,001	0,010	0,018	FALSE
0,016	0,284	0,000	0,008	0,015	FALSE
0,001	0,293	-0,001	0,014	0,032	FALSE
0,027	0,286	0,004	0,011	0,152	FALSE
0,061	0,289	0,003	0,009	0,142	FALSE
0,067	0,278	0,004	0,009	0,161	FALSE
-0,093	0,285	-0,004	0,013	0,123	FALSE
-0,060	0,283	-0,003	0,013	0,083	FALSE
0,021	0,297	0,001	0,010	0,056	FALSE
0,011	0,286	0,001	0,009	0,056	FALSE
0,038	0,290	0,003	0,014	0,091	FALSE

-0,152	0,285	-0,003	0,007	0,157	FALSE
0,027	0,286	0,001	0,012	0,019	FALSE
-0,039	0,287	-0,001	0,009	0,057	FALSE
0,090	0,283	0,003	0,008	0,137	FALSE
-0,127	0,276	-0,008	0,015	0,231	FALSE
0,055	0,286	0,001	0,008	0,027	FALSE
0,114	0,289	0,002	0,008	0,085	FALSE
0,123	0,277	0,002	0,008	0,114	FALSE
0,151	0,286	0,003	0,008	0,141	FALSE
0,073	0,285	0,002	0,008	0,079	FALSE
0,091	0,287	0,003	0,013	0,075	FALSE
-0,067	0,288	-0,003	0,009	0,128	FALSE
0,025	0,296	0,002	0,008	0,114	FALSE
0,107	0,293	0,003	0,008	0,133	FALSE
0,114	0,302	0,003	0,008	0,132	FALSE
0,060	0,287	0,003	0,007	0,151	FALSE
-0,029	0,283	-0,002	0,009	0,081	FALSE
-0,048	0,294	-0,001	0,013	0,033	FALSE
-0,027	0,286	-0,002	0,007	0,088	FALSE
0,042	0,294	0,001	0,013	0,038	FALSE
-0,013	0,302	-0,001	0,012	0,016	FALSE
-0,120	0,275	-0,005	0,014	0,143	FALSE
-0,014	0,286	-0,001	0,008	0,024	FALSE
0,045	0,291	-0,002	0,009	0,062	FALSE
-0,135	0,281	-0,004	0,014	0,105	FALSE
-0,075	0,290	-0,003	0,012	0,086	FALSE
-0,093	0,280	-0,003	0,007	0,155	FALSE
0,087	0,282	0,003	0,009	0,150	FALSE
0,012	0,297	0,000	0,015	0,010	FALSE
0,019	0,289	0,000	0,012	0,011	FALSE
0,033	0,289	0,000	0,011	0,012	FALSE
0,029	0,292	0,002	0,013	0,047	FALSE
-0,052	0,289	-0,001	0,010	0,023	FALSE
-0,068	0,289	-0,002	0,015	0,058	FALSE
-0,054	0,294	-0,002	0,014	0,047	FALSE
0,001	0,300	0,000	0,014	0,005	FALSE
-0,009	0,286	0,000	0,010	0,012	FALSE
0,085	0,278	0,005	0,015	0,137	FALSE
-0,122	0,279	-0,006	0,014	0,172	FALSE
0,094	0,275	0,006	0,015	0,152	FALSE
0,049	0,283	0,004	0,014	0,115	FALSE
0,100	0,302	0,003	0,009	0,116	FALSE
0,011	0,285	-0,001	0,009	0,027	FALSE
-0,185	0,276	-0,004	0,008	0,211	FALSE
0,085	0,279	0,002	0,012	0,058	FALSE
0,008	0,292	-0,001	0,015	0,014	FALSE
-0,169	0,286	-0,003	0,007	0,193	FALSE
0,162	0,278	0,006	0,013	0,180	FALSE
-0,007	0,283	0,000	0,009	0,019	FALSE
0,026	0,277	0,002	0,011	0,066	FALSE
0,102	0,291	0,006	0,014	0,161	FALSE
0,147	0,285	0,005	0,009	0,256	FALSE
0,089	0,274	0,004	0,009	0,180	FALSE

0,118	0,283	0,004	0,008	0,209	FALSE
-0,100	0,287	-0,003	0,009	0,115	FALSE
-0,142	0,286	-0,007	0,013	0,235	FALSE
-0,127	0,280	-0,004	0,009	0,179	FALSE
-0,019	0,286	-0,002	0,009	0,071	FALSE
0,016	0,297	0,000	0,012	0,003	FALSE
-0,140	0,294	-0,008	0,015	0,209	FALSE
0,111	0,287	0,003	0,011	0,117	FALSE
0,114	0,284	0,003	0,011	0,112	FALSE
0,056	0,289	0,001	0,012	0,030	FALSE
-0,191	0,272	-0,007	0,012	0,273	FALSE
-0,139	0,283	-0,006	0,013	0,197	FALSE
-0,069	0,277	-0,003	0,008	0,122	FALSE
-0,094	0,288	-0,002	0,011	0,077	FALSE
-0,052	0,282	0,000	0,011	0,002	FALSE
0,032	0,286	0,003	0,011	0,097	FALSE
-0,099	0,291	-0,004	0,014	0,128	FALSE
-0,244	0,271	-0,006	0,008	0,366	FALSE
0,041	0,290	0,002	0,008	0,094	FALSE
-0,109	0,279	-0,004	0,015	0,117	FALSE
0,009	0,287	0,000	0,008	0,006	FALSE
0,030	0,278	0,000	0,007	0,006	FALSE
-0,226	0,279	-0,007	0,009	0,379	FALSE
-0,043	0,282	-0,001	0,011	0,031	FALSE
0,021	0,300	0,001	0,008	0,071	FALSE
0,029	0,296	0,000	0,010	0,005	FALSE
-0,051	0,289	-0,001	0,010	0,024	FALSE
0,079	0,272	0,000	0,009	0,017	FALSE
-0,003	0,270	0,000	0,008	0,019	FALSE
0,057	0,286	0,000	0,009	0,011	FALSE
-0,017	0,299	0,000	0,012	0,002	FALSE
-0,093	0,295	-0,002	0,008	0,121	FALSE
0,011	0,287	-0,001	0,010	0,022	FALSE
0,049	0,287	0,001	0,012	0,032	FALSE
-0,012	0,292	-0,003	0,011	0,088	FALSE
0,007	0,285	0,001	0,009	0,037	FALSE
-0,106	0,290	-0,004	0,014	0,128	FALSE
0,000	0,292	0,000	0,010	0,001	FALSE
0,002	0,293	0,000	0,015	0,007	FALSE
0,018	0,293	0,001	0,015	0,033	FALSE
0,105	0,278	0,004	0,014	0,116	FALSE
0,103	0,277	0,003	0,013	0,080	FALSE
0,024	0,305	0,000	0,011	0,013	FALSE
0,023	0,301	0,000	0,010	0,003	FALSE
-0,147	0,297	-0,007	0,015	0,203	FALSE
-0,050	0,288	-0,002	0,013	0,070	FALSE
-0,139	0,279	-0,006	0,014	0,164	FALSE
-0,083	0,295	-0,001	0,007	0,049	FALSE
0,012	0,295	0,003	0,014	0,074	FALSE
-0,063	0,297	-0,002	0,014	0,043	FALSE
-0,059	0,294	-0,001	0,014	0,033	FALSE
-0,122	0,294	-0,005	0,014	0,135	FALSE
-0,051	0,277	-0,001	0,010	0,030	FALSE

-0,192	0,281	-0,007	0,012	0,225	FALSE
-0,186	0,300	-0,006	0,013	0,201	FALSE
-0,024	0,297	-0,002	0,009	0,084	FALSE
-0,020	0,282	-0,001	0,014	0,013	FALSE
-0,066	0,277	-0,005	0,015	0,142	FALSE
0,095	0,292	0,004	0,009	0,192	FALSE
-0,092	0,282	-0,005	0,014	0,142	FALSE
-0,108	0,275	-0,007	0,015	0,184	FALSE
0,167	0,289	0,003	0,007	0,167	FALSE
0,149	0,299	0,003	0,008	0,134	FALSE
0,019	0,282	0,000	0,014	0,007	FALSE
-0,088	0,284	-0,002	0,010	0,089	FALSE
-0,042	0,301	-0,002	0,015	0,043	FALSE
-0,040	0,298	0,000	0,007	0,003	FALSE
0,050	0,294	0,003	0,014	0,076	FALSE
-0,094	0,285	-0,005	0,014	0,145	FALSE
0,130	0,294	0,003	0,011	0,117	FALSE
0,130	0,289	0,005	0,013	0,149	FALSE
0,051	0,280	0,005	0,015	0,120	FALSE
-0,119	0,274	-0,005	0,013	0,152	FALSE
0,032	0,271	0,002	0,011	0,072	FALSE
-0,020	0,290	-0,003	0,015	0,088	FALSE
0,142	0,280	0,005	0,010	0,189	FALSE
-0,048	0,275	-0,002	0,009	0,065	FALSE
-0,118	0,282	-0,004	0,010	0,145	FALSE
0,068	0,286	0,003	0,015	0,071	FALSE
0,159	0,286	0,004	0,010	0,164	FALSE
-0,048	0,287	-0,002	0,008	0,076	FALSE
0,070	0,280	0,002	0,015	0,054	FALSE
0,206	0,282	0,006	0,010	0,257	FALSE
0,140	0,272	0,007	0,014	0,189	FALSE
0,083	0,284	0,002	0,013	0,064	FALSE
-0,004	0,292	0,000	0,007	0,010	FALSE
-0,010	0,279	-0,001	0,008	0,071	FALSE
-0,036	0,300	0,000	0,009	0,003	FALSE
-0,069	0,284	-0,002	0,010	0,071	FALSE
-0,038	0,274	0,000	0,009	0,000	FALSE
-0,085	0,293	-0,002	0,012	0,080	FALSE
0,114	0,292	0,002	0,008	0,123	FALSE
0,000	0,290	0,001	0,008	0,042	FALSE
-0,037	0,295	0,000	0,011	0,016	FALSE
0,100	0,286	0,004	0,010	0,157	FALSE
-0,088	0,289	-0,001	0,008	0,043	FALSE
0,031	0,282	0,000	0,013	0,001	FALSE
-0,068	0,286	-0,004	0,015	0,103	FALSE
0,005	0,289	0,000	0,015	0,001	FALSE
0,142	0,283	0,006	0,014	0,185	FALSE
0,125	0,291	0,005	0,014	0,143	FALSE
0,107	0,304	0,004	0,015	0,099	FALSE
0,055	0,288	0,003	0,014	0,084	FALSE
0,093	0,291	0,003	0,012	0,086	FALSE
0,039	0,279	0,001	0,011	0,017	FALSE
0,138	0,291	0,005	0,012	0,153	FALSE

0,134	0,282	0,004	0,011	0,163	FALSE
-0,140	0,294	-0,004	0,012	0,124	FALSE
-0,054	0,285	-0,005	0,011	0,199	FALSE
-0,115	0,288	-0,003	0,008	0,134	FALSE
-0,001	0,295	0,002	0,015	0,060	FALSE
-0,014	0,298	0,000	0,015	0,008	FALSE
0,002	0,289	0,001	0,014	0,017	FALSE
0,073	0,304	0,003	0,015	0,073	FALSE
0,051	0,285	0,003	0,010	0,106	FALSE
0,059	0,287	0,003	0,009	0,140	FALSE
0,046	0,294	0,003	0,014	0,086	FALSE
-0,001	0,282	0,000	0,008	0,003	FALSE
0,057	0,296	0,003	0,009	0,130	FALSE
0,206	0,289	0,009	0,014	0,270	FALSE
-0,183	0,289	-0,004	0,008	0,173	FALSE
0,149	0,289	0,003	0,010	0,134	FALSE
0,150	0,281	0,003	0,010	0,116	FALSE
-0,247	0,259	-0,009	0,013	0,335	FALSE
0,063	0,281	0,002	0,009	0,071	FALSE
-0,132	0,263	-0,005	0,014	0,135	FALSE
-0,162	0,269	-0,007	0,014	0,198	FALSE
0,015	0,292	0,002	0,011	0,055	FALSE
-0,021	0,300	0,001	0,010	0,027	FALSE
0,017	0,291	-0,001	0,015	0,013	FALSE
-0,055	0,296	0,000	0,013	0,009	FALSE
0,061	0,283	0,003	0,013	0,072	FALSE
0,016	0,287	0,001	0,008	0,062	FALSE
0,079	0,276	0,001	0,014	0,035	FALSE
-0,100	0,287	-0,004	0,015	0,089	FALSE
-0,017	0,284	-0,001	0,009	0,021	FALSE
0,130	0,295	0,004	0,010	0,178	FALSE
0,151	0,295	0,005	0,010	0,210	FALSE
-0,022	0,284	-0,001	0,007	0,061	FALSE
-0,091	0,283	-0,003	0,011	0,112	FALSE
-0,043	0,272	-0,001	0,015	0,034	FALSE
-0,007	0,281	0,000	0,014	0,012	FALSE
-0,016	0,297	0,001	0,011	0,031	FALSE
-0,043	0,286	0,000	0,010	0,009	FALSE
-0,074	0,295	-0,001	0,011	0,026	FALSE
-0,084	0,298	-0,001	0,011	0,047	FALSE
0,053	0,275	0,002	0,010	0,093	FALSE
0,101	0,285	0,004	0,008	0,226	FALSE
0,048	0,296	0,002	0,009	0,069	FALSE
-0,044	0,278	-0,002	0,014	0,053	FALSE
0,058	0,292	0,005	0,014	0,132	FALSE
0,009	0,295	-0,002	0,012	0,062	FALSE
0,101	0,285	0,000	0,011	0,013	FALSE
-0,048	0,274	-0,003	0,014	0,073	FALSE
0,040	0,283	0,002	0,011	0,070	FALSE
0,025	0,287	0,000	0,007	0,023	FALSE
-0,189	0,278	-0,006	0,009	0,281	FALSE
0,062	0,296	0,003	0,008	0,131	FALSE
0,067	0,295	0,002	0,007	0,126	FALSE

-0,018	0,282	0,001	0,009	0,030	FALSE
-0,215	0,272	-0,007	0,009	0,335	FALSE
-0,115	0,264	-0,006	0,011	0,231	FALSE
0,056	0,300	0,004	0,013	0,104	FALSE
-0,228	0,275	-0,006	0,009	0,332	FALSE
-0,224	0,283	-0,006	0,009	0,325	FALSE
0,051	0,288	0,003	0,011	0,115	FALSE
-0,006	0,295	0,001	0,014	0,025	FALSE
-0,174	0,287	-0,004	0,010	0,166	FALSE
-0,019	0,302	-0,002	0,008	0,070	FALSE
0,030	0,278	0,002	0,014	0,045	FALSE
0,124	0,281	0,003	0,009	0,146	FALSE
0,027	0,280	0,000	0,010	0,015	FALSE
0,007	0,289	-0,001	0,011	0,029	FALSE
-0,116	0,283	-0,004	0,013	0,127	FALSE
0,107	0,290	0,002	0,007	0,124	FALSE
0,057	0,302	0,001	0,009	0,057	FALSE
0,153	0,287	0,006	0,008	0,353	FALSE
0,077	0,275	0,005	0,015	0,119	FALSE
-0,016	0,292	-0,002	0,015	0,044	FALSE
0,153	0,272	0,007	0,013	0,203	FALSE
0,127	0,293	0,003	0,013	0,087	FALSE
0,064	0,289	0,000	0,013	0,003	FALSE
-0,141	0,294	-0,007	0,014	0,199	FALSE
0,034	0,282	-0,001	0,012	0,036	FALSE
-0,103	0,290	-0,003	0,012	0,099	FALSE
0,131	0,280	0,002	0,008	0,082	FALSE
-0,092	0,288	-0,004	0,012	0,123	FALSE
-0,041	0,288	-0,002	0,013	0,053	FALSE
0,157	0,294	0,005	0,010	0,234	FALSE
0,103	0,297	0,003	0,011	0,116	FALSE
0,056	0,288	0,001	0,010	0,048	FALSE
0,011	0,292	0,001	0,012	0,032	FALSE
-0,021	0,281	-0,001	0,014	0,039	FALSE
0,039	0,293	0,002	0,012	0,062	FALSE
0,222	0,278	0,010	0,015	0,304	FALSE
0,025	0,295	0,001	0,009	0,030	FALSE
0,050	0,300	0,001	0,009	0,045	FALSE
0,001	0,302	0,000	0,014	0,008	FALSE
-0,017	0,292	-0,002	0,014	0,048	FALSE
-0,032	0,312	-0,001	0,015	0,034	FALSE
0,020	0,285	0,002	0,010	0,079	FALSE
-0,131	0,284	-0,005	0,011	0,168	FALSE
-0,112	0,277	-0,004	0,011	0,139	FALSE
0,061	0,292	0,004	0,010	0,166	FALSE
0,104	0,282	0,003	0,011	0,112	FALSE
-0,024	0,288	-0,001	0,015	0,021	FALSE
-0,057	0,285	-0,004	0,013	0,112	FALSE
0,045	0,291	0,002	0,008	0,114	FALSE
-0,057	0,279	-0,004	0,011	0,136	FALSE
-0,049	0,293	-0,001	0,015	0,034	FALSE
-0,046	0,289	0,000	0,009	0,006	FALSE
-0,002	0,276	0,001	0,008	0,035	FALSE

0,052	0,281	0,003	0,007	0,159	FALSE
0,002	0,288	0,001	0,015	0,020	FALSE
0,187	0,289	0,006	0,012	0,210	FALSE
0,041	0,291	0,001	0,011	0,035	FALSE
-0,129	0,285	-0,004	0,014	0,109	FALSE
-0,130	0,271	-0,006	0,014	0,177	FALSE
-0,090	0,291	-0,003	0,014	0,074	FALSE
-0,067	0,293	-0,002	0,014	0,047	FALSE
0,045	0,284	0,000	0,007	0,009	FALSE
0,109	0,295	0,005	0,012	0,168	FALSE
0,083	0,294	0,004	0,012	0,140	FALSE
0,134	0,294	0,006	0,012	0,194	FALSE
0,057	0,283	0,001	0,015	0,021	FALSE
0,092	0,293	0,004	0,013	0,104	FALSE
0,017	0,278	0,000	0,008	0,007	FALSE
0,086	0,276	0,002	0,014	0,054	FALSE
-0,013	0,277	-0,006	0,015	0,151	FALSE
0,104	0,290	0,002	0,012	0,066	FALSE
0,071	0,281	0,001	0,012	0,019	FALSE
0,115	0,284	0,003	0,009	0,131	FALSE
0,097	0,287	0,002	0,009	0,103	FALSE
-0,086	0,287	-0,002	0,011	0,073	FALSE
0,064	0,279	0,003	0,015	0,076	FALSE
-0,160	0,282	-0,004	0,009	0,167	FALSE
0,039	0,284	0,003	0,010	0,111	FALSE
-0,038	0,291	-0,001	0,014	0,037	FALSE
-0,040	0,272	-0,002	0,013	0,045	FALSE
0,031	0,269	0,004	0,011	0,140	FALSE
0,035	0,288	0,000	0,010	0,013	FALSE
0,023	0,299	0,000	0,015	0,000	FALSE
-0,124	0,273	-0,005	0,010	0,205	FALSE
-0,145	0,276	-0,005	0,013	0,139	FALSE
-0,024	0,301	0,001	0,009	0,020	FALSE
0,109	0,311	0,005	0,014	0,159	FALSE
0,017	0,298	0,002	0,015	0,039	FALSE
0,037	0,279	0,000	0,014	0,001	FALSE
-0,080	0,278	-0,003	0,014	0,079	FALSE
-0,081	0,301	-0,004	0,015	0,107	FALSE
0,015	0,310	0,002	0,013	0,061	FALSE
0,062	0,285	0,002	0,011	0,049	FALSE
-0,051	0,298	-0,003	0,015	0,080	FALSE
0,030	0,304	0,003	0,013	0,078	FALSE
0,026	0,291	0,003	0,012	0,097	FALSE
-0,007	0,286	-0,004	0,015	0,100	FALSE
0,060	0,290	0,001	0,013	0,021	FALSE
0,018	0,286	-0,001	0,011	0,051	FALSE
0,013	0,292	-0,001	0,012	0,030	FALSE
-0,018	0,290	0,000	0,012	0,006	FALSE
0,032	0,277	-0,001	0,008	0,025	FALSE
-0,083	0,293	-0,003	0,014	0,078	FALSE
-0,011	0,280	0,000	0,012	0,010	FALSE
0,007	0,291	-0,002	0,014	0,061	FALSE
-0,085	0,291	-0,003	0,009	0,132	FALSE

0,157	0,274	0,005	0,011	0,180	TRUE
0,033	0,283	0,006	0,014	0,157	FALSE
-0,008	0,292	0,000	0,010	0,013	FALSE
0,029	0,299	0,001	0,010	0,042	FALSE
-0,077	0,289	-0,005	0,012	0,166	FALSE
-0,048	0,286	0,000	0,008	0,012	FALSE
0,064	0,285	0,000	0,009	0,013	FALSE
-0,059	0,292	-0,002	0,014	0,039	FALSE
-0,167	0,286	-0,008	0,014	0,232	FALSE
0,167	0,271	0,004	0,009	0,206	FALSE
-0,104	0,274	-0,004	0,012	0,145	FALSE
-0,190	0,292	-0,009	0,014	0,290	FALSE
0,081	0,289	0,005	0,013	0,137	FALSE
0,103	0,299	0,005	0,012	0,151	FALSE
-0,041	0,290	-0,001	0,009	0,038	FALSE
-0,042	0,310	-0,001	0,014	0,016	FALSE
0,064	0,294	0,001	0,008	0,037	FALSE
0,015	0,282	-0,001	0,010	0,036	FALSE
0,105	0,282	0,002	0,011	0,073	FALSE
0,022	0,280	0,001	0,008	0,066	FALSE
-0,132	0,298	-0,006	0,015	0,172	FALSE
0,128	0,286	0,002	0,008	0,112	FALSE
-0,013	0,295	-0,001	0,014	0,027	FALSE
0,131	0,279	0,003	0,008	0,137	FALSE
-0,112	0,283	-0,003	0,010	0,122	FALSE
0,058	0,286	0,004	0,015	0,100	FALSE
-0,093	0,296	-0,002	0,014	0,050	FALSE
0,027	0,295	0,002	0,015	0,049	FALSE
0,024	0,292	0,001	0,008	0,026	FALSE
0,023	0,280	0,001	0,014	0,015	FALSE
-0,058	0,297	0,000	0,011	0,013	FALSE
0,045	0,282	0,002	0,014	0,050	FALSE
0,027	0,290	-0,001	0,008	0,027	FALSE
-0,080	0,278	-0,003	0,008	0,159	FALSE
0,127	0,286	0,003	0,013	0,097	FALSE
0,010	0,285	0,001	0,010	0,033	FALSE
0,132	0,279	0,004	0,009	0,182	FALSE
0,160	0,291	0,009	0,015	0,272	FALSE
0,152	0,271	0,007	0,014	0,215	FALSE
0,140	0,274	0,007	0,014	0,215	FALSE
0,056	0,293	0,002	0,008	0,069	FALSE
0,137	0,281	0,007	0,014	0,227	FALSE
-0,106	0,280	-0,005	0,012	0,179	FALSE
-0,176	0,287	-0,007	0,014	0,225	FALSE
-0,161	0,299	-0,004	0,014	0,117	FALSE
-0,100	0,296	-0,003	0,011	0,122	FALSE
0,045	0,281	0,001	0,007	0,028	FALSE
-0,043	0,281	-0,001	0,008	0,041	FALSE
0,045	0,286	0,001	0,010	0,042	FALSE
0,054	0,284	0,001	0,010	0,021	FALSE
0,066	0,276	0,000	0,013	0,010	FALSE
0,012	0,294	0,001	0,011	0,041	FALSE
0,127	0,265	0,002	0,008	0,080	FALSE

-0,113	0,290	-0,005	0,015	0,138	FALSE
-0,200	0,282	-0,004	0,008	0,217	FALSE
-0,078	0,284	-0,002	0,012	0,048	FALSE
0,073	0,271	0,001	0,008	0,070	FALSE
0,118	0,298	0,002	0,007	0,105	FALSE
-0,270	0,277	-0,011	0,015	0,327	FALSE
-0,216	0,269	-0,008	0,014	0,232	FALSE
0,194	0,268	0,009	0,013	0,303	FALSE
-0,074	0,292	-0,005	0,013	0,160	FALSE
0,088	0,284	0,003	0,013	0,097	FALSE
0,149	0,287	0,004	0,010	0,172	FALSE
-0,099	0,278	-0,004	0,013	0,122	FALSE
0,003	0,281	0,000	0,014	0,007	FALSE
-0,182	0,281	-0,007	0,014	0,229	FALSE
-0,034	0,285	-0,001	0,012	0,031	FALSE
-0,042	0,286	-0,003	0,014	0,083	FALSE
0,088	0,278	0,002	0,009	0,081	FALSE
0,092	0,297	0,003	0,008	0,170	FALSE
0,036	0,280	0,002	0,010	0,061	FALSE
-0,190	0,281	-0,006	0,012	0,222	FALSE
-0,051	0,297	-0,001	0,008	0,057	FALSE
-0,120	0,289	-0,003	0,008	0,147	FALSE
-0,224	0,266	-0,007	0,013	0,220	FALSE
0,012	0,291	0,001	0,011	0,032	FALSE
-0,159	0,286	-0,008	0,013	0,264	FALSE
0,036	0,288	0,001	0,010	0,047	FALSE
-0,085	0,278	-0,004	0,014	0,098	FALSE
0,032	0,280	-0,001	0,014	0,013	FALSE
0,008	0,282	-0,003	0,015	0,071	FALSE
-0,152	0,271	-0,005	0,012	0,182	FALSE
0,115	0,265	0,004	0,014	0,124	FALSE
0,079	0,290	0,002	0,008	0,092	FALSE
0,130	0,291	0,005	0,010	0,208	FALSE
-0,049	0,286	-0,002	0,010	0,059	FALSE
0,098	0,299	0,003	0,008	0,129	FALSE
-0,199	0,279	-0,006	0,009	0,259	FALSE
0,003	0,281	0,000	0,011	0,010	FALSE
0,109	0,295	0,006	0,015	0,177	FALSE
0,084	0,286	0,006	0,013	0,191	FALSE
0,098	0,278	0,002	0,010	0,079	FALSE
0,013	0,287	-0,003	0,013	0,084	FALSE
0,016	0,290	0,001	0,011	0,037	FALSE
0,040	0,291	0,003	0,011	0,103	FALSE
0,021	0,286	-0,001	0,012	0,027	FALSE
-0,046	0,287	-0,005	0,013	0,167	FALSE
0,048	0,281	0,000	0,008	0,005	FALSE
0,052	0,287	0,000	0,008	0,013	FALSE
0,123	0,288	0,003	0,008	0,133	FALSE
-0,053	0,303	0,000	0,011	0,010	FALSE
0,214	0,268	0,006	0,012	0,194	FALSE
-0,045	0,282	-0,002	0,009	0,066	FALSE
-0,037	0,294	-0,001	0,011	0,035	FALSE
-0,139	0,283	-0,003	0,008	0,143	FALSE

0,156	0,285	0,004	0,009	0,170	FALSE
-0,067	0,289	-0,002	0,015	0,054	FALSE
-0,022	0,290	-0,001	0,008	0,037	FALSE
0,017	0,282	0,001	0,012	0,031	FALSE
0,145	0,283	0,003	0,011	0,126	FALSE
0,061	0,279	0,004	0,014	0,122	FALSE
0,064	0,272	0,002	0,008	0,074	FALSE
0,030	0,298	0,001	0,014	0,017	FALSE
0,099	0,284	0,004	0,014	0,122	FALSE
0,073	0,283	0,001	0,009	0,024	FALSE
-0,002	0,290	-0,001	0,010	0,045	FALSE
0,003	0,296	0,002	0,015	0,043	FALSE
-0,184	0,278	-0,005	0,007	0,283	FALSE
-0,070	0,280	-0,002	0,012	0,074	FALSE
-0,067	0,291	-0,002	0,009	0,098	FALSE
0,000	0,278	0,001	0,012	0,043	FALSE
-0,177	0,284	-0,004	0,008	0,227	FALSE
0,027	0,286	0,001	0,011	0,045	FALSE
0,026	0,292	0,003	0,015	0,084	FALSE
-0,107	0,288	-0,003	0,009	0,131	FALSE
0,015	0,275	0,000	0,010	0,001	FALSE
-0,018	0,269	0,003	0,014	0,069	FALSE
-0,002	0,283	0,003	0,014	0,090	FALSE
-0,023	0,283	-0,001	0,009	0,036	FALSE
0,238	0,272	0,009	0,013	0,297	FALSE
0,230	0,270	0,008	0,013	0,275	FALSE
-0,086	0,284	-0,003	0,010	0,109	FALSE
0,126	0,284	0,002	0,008	0,125	FALSE
0,150	0,279	0,007	0,015	0,186	FALSE
-0,025	0,292	0,001	0,011	0,032	FALSE
-0,029	0,301	-0,001	0,011	0,037	FALSE
-0,118	0,276	-0,002	0,009	0,091	FALSE
-0,040	0,274	-0,002	0,010	0,061	FALSE
-0,033	0,295	-0,001	0,008	0,040	FALSE
-0,140	0,295	-0,004	0,010	0,182	FALSE
0,169	0,290	0,006	0,010	0,236	FALSE
0,027	0,273	0,000	0,012	0,002	FALSE
-0,095	0,281	-0,004	0,010	0,163	FALSE
0,044	0,287	0,001	0,010	0,029	FALSE
-0,057	0,283	-0,001	0,008	0,025	FALSE
-0,073	0,295	-0,001	0,010	0,028	FALSE
0,028	0,274	0,000	0,011	0,003	FALSE
-0,005	0,297	0,000	0,012	0,005	FALSE
0,026	0,288	0,000	0,012	0,010	FALSE
-0,092	0,288	-0,002	0,007	0,096	FALSE
-0,119	0,285	-0,006	0,010	0,253	FALSE
-0,176	0,284	-0,009	0,014	0,277	FALSE
-0,005	0,279	0,000	0,011	0,002	FALSE
-0,089	0,282	-0,001	0,009	0,037	FALSE
0,136	0,287	0,004	0,009	0,165	FALSE
-0,035	0,281	0,001	0,012	0,044	FALSE
0,017	0,299	0,000	0,013	0,001	FALSE
0,012	0,295	-0,001	0,014	0,014	FALSE

-0,039	0,289	-0,002	0,008	0,074	FALSE
-0,239	0,283	-0,007	0,009	0,397	FALSE
-0,061	0,279	-0,002	0,007	0,092	FALSE
0,059	0,279	0,001	0,010	0,018	FALSE
0,087	0,291	0,001	0,011	0,018	FALSE
-0,057	0,288	-0,002	0,008	0,081	FALSE
0,077	0,275	0,001	0,007	0,048	FALSE
-0,041	0,296	-0,003	0,013	0,081	FALSE
0,009	0,294	0,001	0,012	0,029	FALSE
0,121	0,281	0,005	0,014	0,145	FALSE
0,187	0,279	0,004	0,007	0,244	FALSE
0,152	0,296	0,008	0,013	0,273	FALSE
-0,115	0,272	-0,005	0,010	0,216	FALSE
-0,038	0,296	-0,004	0,013	0,107	FALSE
0,043	0,285	0,003	0,013	0,100	FALSE
0,069	0,286	0,005	0,014	0,145	FALSE
-0,036	0,279	-0,002	0,012	0,057	FALSE
0,004	0,300	0,001	0,012	0,044	FALSE
-0,150	0,285	-0,006	0,012	0,189	FALSE
0,038	0,255	0,004	0,015	0,119	FALSE
0,052	0,299	0,003	0,013	0,099	FALSE
-0,045	0,296	-0,002	0,010	0,058	FALSE
0,038	0,289	0,002	0,012	0,075	FALSE
0,080	0,276	0,002	0,014	0,062	FALSE
0,071	0,282	0,002	0,014	0,047	FALSE
0,000	0,293	-0,001	0,008	0,052	FALSE
0,013	0,287	-0,001	0,012	0,025	FALSE
-0,068	0,288	0,000	0,009	0,016	FALSE
0,033	0,294	0,000	0,011	0,004	FALSE
-0,089	0,275	-0,002	0,013	0,060	FALSE
-0,187	0,277	-0,003	0,008	0,179	FALSE
-0,026	0,286	0,000	0,008	0,015	FALSE
-0,070	0,285	-0,003	0,011	0,107	FALSE
-0,064	0,272	0,000	0,012	0,008	FALSE
-0,164	0,283	-0,008	0,015	0,229	FALSE
0,104	0,290	0,005	0,011	0,166	FALSE
0,170	0,297	0,004	0,009	0,173	FALSE
0,164	0,273	0,004	0,008	0,184	FALSE
0,095	0,291	0,002	0,008	0,075	FALSE
-0,135	0,294	-0,006	0,013	0,189	FALSE
-0,163	0,287	-0,003	0,009	0,136	FALSE
-0,151	0,298	-0,003	0,008	0,169	FALSE
-0,117	0,289	-0,004	0,010	0,144	FALSE
0,114	0,277	0,002	0,008	0,117	FALSE
0,118	0,294	0,005	0,013	0,160	FALSE
0,117	0,281	0,005	0,012	0,173	FALSE
-0,042	0,283	0,002	0,011	0,086	FALSE
-0,032	0,291	0,002	0,015	0,059	FALSE
-0,001	0,304	-0,004	0,016	0,090	FALSE
-0,007	0,295	0,000	0,012	0,011	FALSE
0,028	0,280	0,000	0,009	0,008	FALSE
-0,104	0,286	-0,004	0,011	0,130	FALSE
0,039	0,272	-0,001	0,010	0,032	FALSE

0,015	0,274	-0,002	0,014	0,051	FALSE
0,001	0,301	0,001	0,009	0,043	FALSE
-0,044	0,290	-0,002	0,013	0,054	FALSE
-0,083	0,289	-0,005	0,015	0,128	FALSE
-0,151	0,290	-0,007	0,015	0,203	FALSE
0,000	0,289	0,000	0,010	0,004	FALSE
0,015	0,289	0,001	0,008	0,056	FALSE
0,009	0,272	-0,001	0,014	0,029	FALSE
-0,169	0,287	-0,005	0,011	0,200	FALSE
-0,018	0,292	0,000	0,010	0,001	FALSE
0,058	0,272	0,001	0,009	0,022	FALSE
0,126	0,282	0,004	0,013	0,106	FALSE
0,040	0,296	0,002	0,011	0,072	FALSE
-0,021	0,287	0,001	0,012	0,035	FALSE
0,063	0,295	0,003	0,011	0,103	FALSE
0,013	0,287	0,001	0,013	0,037	FALSE
-0,161	0,274	-0,008	0,012	0,308	FALSE
-0,186	0,278	-0,005	0,008	0,276	FALSE
0,031	0,281	0,003	0,009	0,146	FALSE
-0,051	0,294	-0,001	0,008	0,038	FALSE
0,038	0,284	0,001	0,012	0,042	FALSE
0,004	0,285	0,002	0,009	0,086	FALSE
-0,172	0,286	-0,004	0,009	0,174	FALSE
0,106	0,283	0,005	0,010	0,181	FALSE
-0,131	0,288	-0,005	0,011	0,180	FALSE
0,076	0,274	0,001	0,013	0,028	FALSE
-0,060	0,292	-0,002	0,010	0,086	FALSE
0,083	0,278	0,002	0,011	0,084	FALSE
0,042	0,295	-0,001	0,012	0,029	FALSE
0,021	0,297	0,003	0,009	0,121	FALSE
-0,122	0,287	-0,003	0,010	0,114	FALSE
0,076	0,291	0,005	0,014	0,138	FALSE
0,087	0,289	0,002	0,010	0,067	FALSE
-0,050	0,278	-0,002	0,012	0,074	FALSE
0,104	0,285	0,002	0,007	0,094	FALSE
-0,129	0,280	-0,003	0,008	0,157	FALSE
-0,175	0,286	-0,005	0,012	0,159	FALSE
-0,156	0,292	-0,003	0,010	0,123	FALSE
0,205	0,281	0,010	0,015	0,296	FALSE
-0,121	0,288	-0,004	0,009	0,202	FALSE
0,011	0,296	0,002	0,013	0,055	FALSE
0,173	0,273	0,008	0,014	0,236	FALSE
0,017	0,288	0,000	0,014	0,003	FALSE
0,024	0,291	0,001	0,014	0,021	FALSE
-0,132	0,298	-0,005	0,012	0,151	FALSE
-0,111	0,283	-0,002	0,015	0,042	FALSE
0,186	0,285	0,006	0,009	0,302	FALSE
-0,140	0,290	-0,006	0,011	0,241	FALSE
0,144	0,278	0,008	0,013	0,253	FALSE
0,006	0,279	-0,001	0,011	0,036	FALSE
-0,092	0,274	-0,002	0,011	0,059	FALSE
0,226	0,266	0,014	0,014	0,472	FALSE
0,146	0,297	0,006	0,011	0,220	FALSE

-0,085	0,277	-0,001	0,010	0,026	FALSE
-0,173	0,281	-0,006	0,009	0,322	FALSE
0,098	0,290	0,002	0,009	0,108	FALSE
-0,021	0,280	0,000	0,015	0,011	FALSE
0,080	0,279	0,005	0,011	0,187	FALSE
-0,032	0,279	-0,001	0,008	0,027	FALSE
-0,027	0,280	0,002	0,011	0,054	FALSE
-0,018	0,288	-0,001	0,011	0,024	FALSE
-0,051	0,293	-0,004	0,015	0,098	FALSE
0,009	0,295	-0,001	0,016	0,029	FALSE
-0,018	0,284	-0,001	0,012	0,026	FALSE
-0,110	0,276	-0,004	0,008	0,204	FALSE
0,058	0,297	0,002	0,012	0,071	FALSE
-0,026	0,294	0,001	0,008	0,024	FALSE
0,159	0,280	0,006	0,012	0,222	FALSE
0,049	0,287	0,001	0,012	0,033	FALSE
0,050	0,294	0,002	0,009	0,110	FALSE
0,022	0,281	0,001	0,015	0,014	FALSE
0,036	0,288	0,001	0,015	0,013	FALSE
0,080	0,290	0,002	0,009	0,069	FALSE
0,100	0,291	0,002	0,013	0,048	FALSE
-0,060	0,287	-0,002	0,009	0,094	FALSE
0,012	0,278	-0,001	0,010	0,044	FALSE
0,024	0,280	0,000	0,014	0,002	FALSE
-0,064	0,297	-0,002	0,013	0,052	FALSE
-0,017	0,273	-0,001	0,012	0,019	FALSE
-0,094	0,284	-0,002	0,007	0,096	FALSE
0,008	0,301	0,000	0,008	0,012	FALSE
-0,167	0,277	-0,007	0,014	0,210	FALSE
0,222	0,279	0,012	0,014	0,395	FALSE
0,108	0,292	0,004	0,009	0,187	FALSE
0,062	0,292	0,002	0,009	0,083	FALSE
-0,021	0,283	-0,002	0,012	0,044	FALSE
0,051	0,282	0,002	0,014	0,055	FALSE
0,042	0,294	0,002	0,014	0,040	FALSE
0,031	0,271	0,001	0,011	0,042	FALSE
0,049	0,283	-0,001	0,007	0,046	FALSE
-0,096	0,287	-0,006	0,014	0,173	FALSE
-0,139	0,277	-0,007	0,014	0,213	FALSE
0,078	0,295	0,003	0,010	0,118	FALSE
-0,099	0,281	-0,006	0,013	0,175	FALSE
-0,176	0,296	-0,005	0,008	0,265	FALSE
-0,054	0,290	-0,004	0,012	0,115	FALSE
-0,069	0,281	0,001	0,013	0,017	FALSE
-0,033	0,290	-0,001	0,008	0,065	FALSE
0,047	0,281	0,000	0,009	0,008	FALSE
0,104	0,289	0,003	0,011	0,108	FALSE
0,118	0,280	0,001	0,007	0,047	FALSE
0,183	0,276	0,010	0,014	0,341	FALSE
-0,007	0,279	0,001	0,013	0,018	FALSE
-0,116	0,275	-0,003	0,008	0,143	FALSE
-0,079	0,283	-0,003	0,010	0,125	FALSE
0,072	0,296	0,002	0,012	0,069	FALSE

0,021	0,280	0,004	0,012	0,124	FALSE
-0,015	0,293	-0,003	0,014	0,072	FALSE
0,116	0,284	0,001	0,008	0,054	FALSE
-0,041	0,279	-0,003	0,009	0,131	FALSE
-0,071	0,294	-0,001	0,014	0,035	FALSE
0,091	0,288	0,000	0,015	0,004	FALSE
-0,095	0,285	-0,004	0,015	0,105	FALSE
0,042	0,286	0,002	0,012	0,048	FALSE
0,087	0,264	0,003	0,014	0,074	FALSE
-0,111	0,292	-0,005	0,015	0,127	FALSE
-0,019	0,282	-0,003	0,013	0,080	FALSE
-0,043	0,283	-0,002	0,007	0,094	FALSE
-0,202	0,264	-0,008	0,012	0,321	FALSE
-0,008	0,291	0,001	0,010	0,024	FALSE
0,023	0,279	0,001	0,012	0,023	FALSE
0,000	0,290	0,001	0,008	0,021	FALSE
0,105	0,303	0,002	0,010	0,058	FALSE
-0,066	0,292	-0,002	0,010	0,080	FALSE
0,034	0,291	0,002	0,013	0,053	FALSE
0,094	0,290	0,003	0,012	0,113	FALSE
0,070	0,291	0,003	0,014	0,073	FALSE
-0,212	0,277	-0,005	0,008	0,293	FALSE
-0,063	0,271	-0,004	0,009	0,178	FALSE
-0,040	0,278	0,000	0,015	0,003	FALSE
0,032	0,296	0,001	0,013	0,023	FALSE
0,086	0,282	0,003	0,013	0,074	FALSE
-0,001	0,289	0,001	0,007	0,069	FALSE
-0,012	0,286	0,000	0,008	0,015	FALSE
-0,024	0,290	0,001	0,007	0,031	FALSE
-0,045	0,285	-0,001	0,008	0,027	FALSE
0,102	0,285	0,002	0,009	0,066	FALSE
0,037	0,284	0,000	0,008	0,011	FALSE
0,009	0,293	0,001	0,010	0,035	FALSE
-0,104	0,285	-0,003	0,012	0,090	FALSE
-0,092	0,282	-0,002	0,011	0,078	FALSE
0,040	0,280	0,002	0,012	0,049	FALSE
0,044	0,285	0,000	0,007	0,002	FALSE
0,260	0,266	0,006	0,008	0,363	FALSE
-0,093	0,275	-0,001	0,013	0,032	FALSE
-0,017	0,287	-0,002	0,011	0,081	FALSE
-0,146	0,293	-0,007	0,015	0,190	FALSE
0,077	0,285	0,002	0,010	0,068	FALSE
0,088	0,271	0,003	0,010	0,112	FALSE
0,030	0,293	0,001	0,011	0,036	FALSE
0,043	0,286	0,000	0,008	0,023	FALSE
0,063	0,289	0,000	0,012	0,011	FALSE
-0,163	0,285	-0,004	0,008	0,216	FALSE
-0,054	0,283	0,000	0,009	0,001	FALSE
0,269	0,275	0,011	0,012	0,424	FALSE
-0,129	0,280	-0,005	0,011	0,206	FALSE
-0,011	0,282	0,000	0,009	0,018	FALSE
0,020	0,293	0,000	0,013	0,013	FALSE
-0,107	0,287	-0,005	0,011	0,189	FALSE

0,036	0,275	0,001	0,009	0,055	FALSE
-0,060	0,282	-0,006	0,015	0,151	FALSE
0,103	0,298	0,002	0,009	0,096	FALSE
-0,125	0,293	-0,004	0,014	0,094	FALSE
-0,233	0,274	-0,011	0,014	0,353	FALSE
0,044	0,285	0,002	0,010	0,062	FALSE
0,044	0,287	-0,001	0,009	0,037	FALSE
-0,260	0,275	-0,009	0,011	0,392	FALSE
-0,020	0,277	-0,003	0,013	0,083	FALSE
-0,075	0,273	-0,005	0,012	0,148	FALSE
0,085	0,290	0,002	0,009	0,104	FALSE
0,086	0,278	0,005	0,015	0,140	FALSE
0,001	0,294	0,000	0,011	0,007	FALSE
-0,147	0,285	-0,005	0,011	0,183	FALSE
-0,123	0,290	-0,003	0,008	0,131	FALSE
-0,032	0,299	-0,001	0,007	0,046	FALSE
-0,111	0,285	-0,002	0,011	0,083	FALSE
-0,134	0,299	-0,003	0,009	0,130	FALSE
-0,039	0,301	-0,001	0,008	0,033	FALSE
-0,123	0,292	-0,005	0,015	0,138	FALSE
0,061	0,295	0,001	0,011	0,031	FALSE
-0,010	0,289	0,001	0,013	0,027	FALSE
0,090	0,296	0,002	0,011	0,060	FALSE
-0,110	0,276	-0,002	0,008	0,094	FALSE
0,095	0,284	0,002	0,012	0,067	FALSE
0,239	0,283	0,008	0,009	0,416	FALSE
0,042	0,291	0,003	0,007	0,145	FALSE
-0,038	0,283	-0,003	0,014	0,082	FALSE
-0,061	0,295	-0,003	0,015	0,062	FALSE
0,097	0,291	0,002	0,008	0,101	FALSE
0,025	0,281	-0,002	0,014	0,052	FALSE
-0,002	0,294	0,001	0,011	0,034	FALSE
0,148	0,276	0,004	0,009	0,164	FALSE
-0,017	0,299	0,000	0,011	0,014	FALSE
-0,093	0,288	-0,007	0,015	0,192	FALSE
0,029	0,286	0,004	0,015	0,101	FALSE
0,110	0,288	0,001	0,008	0,036	FALSE
0,069	0,287	0,002	0,011	0,053	FALSE
0,101	0,288	0,003	0,015	0,080	FALSE
-0,025	0,290	-0,001	0,012	0,021	FALSE
-0,016	0,277	-0,002	0,014	0,046	FALSE
-0,110	0,276	-0,002	0,010	0,092	FALSE
0,198	0,269	0,007	0,013	0,227	FALSE
0,108	0,284	0,003	0,014	0,083	FALSE
0,060	0,281	0,001	0,008	0,028	FALSE
-0,036	0,292	-0,002	0,015	0,036	FALSE
0,239	0,272	0,010	0,014	0,301	FALSE
0,181	0,275	0,006	0,014	0,184	FALSE
-0,057	0,286	-0,001	0,008	0,051	FALSE
0,078	0,288	0,003	0,013	0,083	FALSE
-0,172	0,278	-0,007	0,015	0,200	FALSE
-0,008	0,292	-0,003	0,015	0,069	FALSE
0,165	0,270	0,004	0,009	0,171	FALSE

0,104	0,285	0,003	0,010	0,124	FALSE
0,075	0,282	0,003	0,007	0,132	FALSE
0,010	0,288	0,001	0,014	0,024	FALSE
-0,040	0,280	-0,001	0,014	0,027	FALSE
-0,045	0,280	-0,001	0,014	0,022	FALSE
-0,095	0,277	-0,003	0,015	0,068	FALSE
-0,005	0,291	-0,001	0,014	0,025	FALSE
-0,117	0,291	-0,002	0,008	0,106	FALSE
-0,049	0,290	-0,004	0,012	0,128	FALSE
0,021	0,297	0,003	0,015	0,076	FALSE
0,125	0,272	0,007	0,013	0,243	FALSE
0,117	0,280	0,007	0,013	0,231	FALSE
0,130	0,280	0,008	0,013	0,255	FALSE
0,130	0,294	0,008	0,014	0,244	FALSE
-0,054	0,296	-0,004	0,011	0,132	FALSE
0,197	0,278	0,004	0,013	0,123	FALSE
0,061	0,299	0,004	0,014	0,096	FALSE
0,045	0,279	0,002	0,008	0,068	FALSE
-0,052	0,287	-0,003	0,012	0,099	FALSE
-0,075	0,280	-0,007	0,014	0,232	FALSE
-0,090	0,281	-0,003	0,011	0,116	FALSE
-0,012	0,292	0,002	0,015	0,052	FALSE
-0,040	0,305	0,000	0,015	0,005	FALSE
0,032	0,284	0,002	0,010	0,062	FALSE
-0,085	0,289	-0,001	0,011	0,040	FALSE
-0,088	0,294	-0,004	0,012	0,123	FALSE
0,085	0,301	0,001	0,012	0,045	FALSE
-0,107	0,284	-0,006	0,013	0,174	FALSE
-0,052	0,290	-0,004	0,015	0,096	FALSE
0,016	0,292	0,001	0,008	0,031	FALSE
-0,008	0,290	-0,001	0,010	0,030	FALSE
0,089	0,284	0,005	0,015	0,132	FALSE
-0,055	0,284	-0,004	0,013	0,106	FALSE
0,130	0,283	0,004	0,013	0,133	FALSE
0,005	0,295	0,002	0,015	0,047	FALSE
0,035	0,284	0,002	0,011	0,080	FALSE
0,045	0,299	0,002	0,011	0,072	FALSE
-0,022	0,288	0,000	0,011	0,000	FALSE
0,040	0,297	0,002	0,009	0,066	FALSE
0,100	0,283	0,003	0,010	0,137	FALSE
0,074	0,286	0,002	0,009	0,078	FALSE
0,068	0,292	0,002	0,009	0,073	FALSE
-0,015	0,288	-0,001	0,007	0,053	FALSE
-0,005	0,279	0,000	0,013	0,004	FALSE
0,069	0,278	0,003	0,013	0,081	FALSE
-0,006	0,304	0,000	0,013	0,007	FALSE
0,080	0,291	0,002	0,010	0,072	FALSE
0,048	0,286	0,003	0,012	0,082	FALSE
-0,118	0,273	-0,003	0,008	0,161	FALSE
-0,027	0,290	-0,004	0,014	0,099	FALSE
0,128	0,271	0,006	0,016	0,164	FALSE
0,125	0,286	0,003	0,013	0,088	FALSE
0,057	0,275	0,002	0,014	0,065	FALSE

0,102	0,295	0,003	0,009	0,126	FALSE
-0,115	0,281	-0,002	0,008	0,114	FALSE
-0,215	0,280	-0,005	0,008	0,263	FALSE
0,130	0,292	0,002	0,007	0,110	FALSE
-0,116	0,277	-0,003	0,009	0,111	FALSE
-0,057	0,273	0,000	0,013	0,013	FALSE
0,008	0,290	0,001	0,015	0,030	FALSE
-0,059	0,279	-0,001	0,014	0,027	FALSE
-0,085	0,285	-0,002	0,010	0,078	FALSE
-0,105	0,278	-0,003	0,009	0,152	FALSE
-0,173	0,276	-0,007	0,015	0,206	FALSE
0,040	0,302	0,001	0,008	0,055	FALSE
-0,132	0,281	-0,004	0,012	0,121	FALSE
-0,124	0,293	-0,004	0,012	0,119	FALSE
-0,131	0,277	-0,003	0,012	0,101	FALSE
-0,129	0,281	-0,004	0,013	0,108	FALSE
-0,076	0,284	-0,003	0,008	0,148	FALSE
0,098	0,283	0,004	0,015	0,104	FALSE
0,080	0,306	0,003	0,012	0,107	FALSE
-0,011	0,292	0,000	0,015	0,009	FALSE
-0,058	0,300	-0,002	0,010	0,063	FALSE
-0,003	0,278	0,000	0,011	0,012	FALSE
-0,002	0,291	0,000	0,009	0,009	FALSE
-0,180	0,292	-0,008	0,012	0,283	FALSE
-0,162	0,280	-0,006	0,011	0,244	FALSE
-0,199	0,278	-0,007	0,015	0,184	FALSE
0,206	0,269	0,005	0,012	0,160	FALSE
0,038	0,281	0,002	0,009	0,081	FALSE
0,047	0,287	0,001	0,012	0,031	FALSE
0,068	0,288	0,003	0,010	0,117	FALSE
-0,093	0,294	-0,001	0,008	0,061	FALSE
0,140	0,286	0,005	0,013	0,169	FALSE
0,160	0,287	0,007	0,012	0,270	FALSE
0,012	0,284	-0,001	0,011	0,027	FALSE
0,007	0,282	-0,002	0,013	0,065	FALSE
-0,073	0,283	-0,002	0,007	0,112	FALSE
-0,027	0,285	0,000	0,009	0,013	FALSE
0,071	0,288	0,003	0,010	0,119	FALSE
-0,015	0,302	0,001	0,009	0,020	FALSE
-0,091	0,286	-0,006	0,012	0,227	FALSE
0,051	0,275	0,001	0,014	0,021	FALSE
0,033	0,291	-0,001	0,008	0,027	FALSE
0,115	0,292	0,004	0,014	0,113	FALSE
-0,016	0,289	-0,003	0,012	0,087	FALSE
0,072	0,283	0,004	0,014	0,102	FALSE
0,110	0,285	0,002	0,011	0,077	FALSE
0,039	0,297	0,002	0,014	0,042	FALSE
0,000	0,292	-0,001	0,008	0,052	FALSE
0,013	0,290	0,000	0,008	0,016	FALSE
-0,111	0,278	-0,005	0,014	0,152	FALSE
0,027	0,293	0,001	0,009	0,049	FALSE
0,114	0,282	0,002	0,010	0,068	FALSE
0,169	0,280	0,004	0,008	0,228	FALSE

0,029	0,285	0,000	0,008	0,020	FALSE
0,119	0,292	0,007	0,015	0,213	FALSE
0,032	0,277	0,000	0,008	0,005	FALSE
0,050	0,275	0,001	0,008	0,032	FALSE
-0,012	0,293	-0,001	0,014	0,037	FALSE
-0,025	0,282	0,000	0,008	0,019	FALSE
-0,080	0,282	-0,003	0,008	0,132	FALSE
0,124	0,303	0,004	0,011	0,127	FALSE
0,006	0,293	0,000	0,009	0,009	FALSE
0,207	0,279	0,006	0,009	0,277	FALSE
-0,012	0,289	0,001	0,008	0,058	FALSE
-0,142	0,294	-0,003	0,007	0,181	FALSE
0,096	0,292	0,003	0,012	0,108	FALSE
-0,080	0,293	-0,003	0,008	0,132	FALSE
-0,075	0,302	-0,001	0,008	0,031	FALSE
-0,062	0,278	0,000	0,008	0,012	FALSE
-0,015	0,287	-0,001	0,011	0,017	FALSE
0,042	0,291	0,001	0,008	0,059	FALSE
0,104	0,289	0,004	0,008	0,178	FALSE
-0,074	0,295	-0,002	0,008	0,124	FALSE
-0,019	0,297	-0,001	0,009	0,022	FALSE
0,036	0,291	0,001	0,007	0,042	FALSE
0,039	0,284	0,001	0,010	0,035	FALSE
0,071	0,299	0,003	0,013	0,083	FALSE
0,038	0,272	-0,002	0,011	0,067	FALSE
0,117	0,281	0,002	0,010	0,067	FALSE
-0,027	0,295	-0,003	0,010	0,130	FALSE
0,024	0,278	0,000	0,007	0,023	FALSE
0,004	0,274	-0,001	0,007	0,050	FALSE
0,106	0,285	0,004	0,013	0,128	FALSE
0,043	0,290	0,000	0,009	0,012	FALSE
-0,064	0,286	-0,001	0,009	0,046	FALSE
0,008	0,284	0,002	0,012	0,075	FALSE
0,021	0,282	0,002	0,009	0,085	FALSE
0,038	0,284	0,002	0,010	0,063	FALSE
0,104	0,300	0,003	0,014	0,094	FALSE
0,156	0,273	0,008	0,014	0,253	FALSE
-0,018	0,290	-0,002	0,009	0,085	FALSE
-0,142	0,285	-0,003	0,007	0,162	FALSE
0,057	0,282	0,003	0,012	0,114	FALSE
-0,059	0,290	-0,001	0,015	0,017	FALSE
0,037	0,292	0,001	0,008	0,043	FALSE
-0,001	0,302	0,001	0,009	0,038	FALSE
0,034	0,281	0,001	0,009	0,048	FALSE
-0,039	0,270	-0,002	0,011	0,069	FALSE
0,044	0,272	0,000	0,014	0,012	FALSE
0,017	0,293	0,000	0,008	0,016	FALSE
-0,054	0,294	-0,002	0,013	0,053	FALSE
-0,080	0,280	-0,001	0,012	0,017	FALSE
-0,084	0,290	-0,002	0,011	0,075	FALSE
-0,011	0,286	0,000	0,010	0,001	FALSE
0,049	0,275	0,000	0,007	0,009	FALSE
-0,032	0,283	-0,001	0,008	0,026	FALSE

0,081	0,275	0,001	0,011	0,039	FALSE
-0,020	0,289	0,001	0,011	0,044	FALSE
-0,042	0,282	-0,006	0,014	0,164	FALSE
-0,011	0,284	-0,001	0,011	0,049	FALSE
-0,082	0,284	-0,007	0,014	0,232	FALSE
0,002	0,300	0,000	0,012	0,009	FALSE
0,069	0,272	0,004	0,011	0,136	FALSE
-0,034	0,302	-0,001	0,013	0,030	FALSE
0,126	0,287	0,006	0,015	0,170	FALSE
0,108	0,289	0,002	0,008	0,099	FALSE
-0,004	0,279	0,001	0,010	0,020	FALSE
-0,039	0,272	-0,001	0,010	0,022	FALSE
0,150	0,284	0,003	0,010	0,108	FALSE
0,052	0,287	0,002	0,015	0,042	FALSE
0,114	0,286	0,004	0,009	0,190	FALSE
0,006	0,298	-0,001	0,012	0,026	FALSE
0,049	0,280	0,001	0,009	0,040	FALSE
-0,005	0,297	0,001	0,009	0,031	FALSE
0,059	0,285	0,004	0,015	0,092	FALSE
-0,035	0,292	-0,003	0,015	0,071	FALSE
-0,015	0,281	-0,001	0,014	0,031	FALSE
-0,127	0,273	-0,002	0,007	0,098	FALSE
-0,173	0,286	-0,004	0,008	0,195	FALSE
-0,015	0,297	-0,001	0,011	0,024	FALSE
0,018	0,289	0,001	0,009	0,055	FALSE
0,028	0,302	0,002	0,009	0,083	FALSE
0,039	0,295	0,002	0,011	0,063	FALSE
0,057	0,287	0,003	0,012	0,108	FALSE
0,056	0,295	0,003	0,010	0,122	FALSE
-0,157	0,275	-0,007	0,015	0,203	FALSE
0,197	0,270	0,004	0,008	0,229	FALSE
-0,078	0,282	-0,003	0,009	0,149	FALSE
0,135	0,273	0,002	0,008	0,115	FALSE
0,007	0,299	0,001	0,011	0,048	FALSE
0,082	0,296	0,002	0,010	0,075	FALSE
-0,075	0,287	-0,001	0,012	0,040	FALSE
0,090	0,296	0,001	0,009	0,055	FALSE
0,185	0,270	0,007	0,011	0,271	FALSE
0,194	0,285	0,007	0,011	0,255	FALSE
0,066	0,311	0,002	0,008	0,123	FALSE
-0,011	0,296	0,001	0,009	0,029	FALSE
0,076	0,296	0,005	0,013	0,137	FALSE
-0,178	0,274	-0,005	0,009	0,277	FALSE
-0,185	0,284	-0,006	0,012	0,227	FALSE
-0,165	0,287	-0,006	0,012	0,195	FALSE
-0,140	0,291	-0,003	0,008	0,129	FALSE
-0,172	0,288	-0,007	0,012	0,234	FALSE
-0,127	0,288	-0,005	0,012	0,163	FALSE
-0,140	0,282	-0,005	0,012	0,190	FALSE
-0,146	0,286	-0,005	0,012	0,181	FALSE
-0,140	0,279	-0,005	0,011	0,177	FALSE
-0,023	0,278	-0,002	0,008	0,101	FALSE
0,079	0,292	0,002	0,008	0,109	FALSE

-0,019	0,291	0,000	0,012	0,008	FALSE
0,144	0,285	0,006	0,012	0,202	FALSE
-0,173	0,278	-0,004	0,009	0,189	FALSE
-0,185	0,259	-0,004	0,008	0,223	FALSE
0,123	0,281	0,003	0,008	0,130	FALSE
0,151	0,286	0,003	0,009	0,130	FALSE
-0,041	0,291	-0,002	0,014	0,053	FALSE
0,030	0,276	0,002	0,012	0,047	FALSE
0,122	0,267	0,003	0,009	0,156	FALSE
0,060	0,267	0,000	0,009	0,002	FALSE
-0,116	0,306	-0,005	0,015	0,129	FALSE
-0,104	0,283	-0,003	0,011	0,095	FALSE
-0,043	0,294	-0,002	0,014	0,041	FALSE
-0,019	0,277	-0,001	0,013	0,026	FALSE
0,114	0,301	0,004	0,014	0,119	FALSE
0,067	0,284	0,002	0,012	0,051	FALSE
-0,096	0,305	-0,001	0,007	0,050	FALSE
-0,039	0,284	-0,002	0,009	0,082	FALSE
-0,056	0,275	-0,002	0,008	0,103	FALSE
-0,062	0,284	-0,002	0,009	0,087	FALSE
0,094	0,283	0,003	0,015	0,067	FALSE
0,039	0,292	0,001	0,014	0,032	FALSE
0,026	0,283	0,001	0,014	0,028	FALSE
0,055	0,288	0,003	0,011	0,104	FALSE
0,094	0,288	0,004	0,012	0,155	FALSE
-0,062	0,291	0,000	0,007	0,011	FALSE
0,169	0,283	0,005	0,010	0,230	FALSE
-0,174	0,286	-0,008	0,014	0,273	FALSE
0,102	0,278	0,003	0,008	0,154	FALSE
-0,021	0,294	-0,001	0,015	0,027	FALSE
-0,149	0,273	-0,005	0,010	0,191	FALSE
0,097	0,277	0,004	0,011	0,126	FALSE
-0,029	0,287	-0,002	0,014	0,055	FALSE
-0,203	0,278	-0,008	0,010	0,359	FALSE
-0,038	0,287	-0,002	0,013	0,041	FALSE
0,034	0,289	0,001	0,008	0,039	FALSE
0,127	0,285	0,005	0,009	0,257	FALSE
0,124	0,279	0,005	0,007	0,268	FALSE
0,016	0,296	0,002	0,015	0,056	FALSE
0,040	0,292	0,001	0,012	0,019	FALSE
0,123	0,279	0,005	0,011	0,176	FALSE
0,034	0,283	0,001	0,012	0,040	FALSE
0,118	0,278	0,001	0,013	0,041	FALSE
0,001	0,295	0,000	0,009	0,016	FALSE
0,106	0,281	0,003	0,014	0,081	FALSE
-0,139	0,295	-0,003	0,007	0,158	FALSE
0,054	0,284	0,003	0,009	0,129	FALSE
-0,002	0,290	0,000	0,010	0,015	FALSE
0,014	0,292	0,001	0,011	0,040	FALSE
-0,012	0,278	0,001	0,014	0,014	FALSE
0,143	0,288	0,005	0,012	0,173	FALSE
-0,212	0,274	-0,008	0,016	0,210	FALSE
-0,075	0,270	-0,003	0,011	0,116	FALSE

-0,086	0,284	-0,004	0,011	0,136	FALSE
-0,310	0,266	-0,011	0,013	0,417	FALSE
-0,287	0,271	-0,010	0,013	0,353	FALSE
-0,320	0,266	-0,012	0,013	0,463	FALSE
0,066	0,285	0,002	0,012	0,061	FALSE
0,056	0,262	0,004	0,014	0,100	FALSE
0,052	0,261	0,004	0,014	0,100	FALSE
-0,139	0,292	-0,002	0,009	0,094	FALSE
0,131	0,300	0,004	0,015	0,093	FALSE
-0,044	0,285	-0,001	0,012	0,031	FALSE
0,044	0,288	0,001	0,015	0,034	FALSE
0,040	0,287	-0,001	0,010	0,051	FALSE
-0,144	0,287	-0,005	0,012	0,192	FALSE
-0,001	0,279	0,001	0,010	0,044	FALSE
-0,126	0,289	-0,008	0,015	0,215	FALSE
0,163	0,291	0,006	0,015	0,165	FALSE
-0,250	0,272	-0,009	0,013	0,336	FALSE
0,192	0,273	0,006	0,010	0,286	FALSE
-0,074	0,286	-0,003	0,014	0,078	FALSE
-0,154	0,282	-0,008	0,014	0,253	FALSE
0,132	0,268	0,003	0,008	0,128	FALSE
-0,042	0,286	-0,001	0,008	0,031	FALSE
0,096	0,290	0,002	0,010	0,063	FALSE
-0,041	0,302	-0,003	0,010	0,116	FALSE
-0,054	0,271	-0,003	0,008	0,168	FALSE
0,063	0,272	0,003	0,012	0,093	FALSE
0,157	0,279	0,007	0,015	0,199	FALSE
0,141	0,286	0,003	0,008	0,187	FALSE
-0,009	0,274	0,001	0,015	0,033	FALSE
0,020	0,288	-0,001	0,015	0,023	FALSE
0,145	0,276	0,003	0,008	0,162	FALSE
-0,037	0,289	0,000	0,010	0,013	FALSE
-0,169	0,264	-0,006	0,011	0,221	FALSE
-0,181	0,293	-0,003	0,008	0,178	FALSE
0,035	0,289	0,002	0,011	0,064	FALSE
-0,002	0,287	-0,001	0,013	0,021	FALSE
0,022	0,283	-0,001	0,014	0,017	FALSE
-0,145	0,281	-0,006	0,014	0,181	FALSE
-0,187	0,282	-0,006	0,014	0,162	FALSE
-0,188	0,283	-0,007	0,013	0,244	FALSE
0,104	0,277	0,003	0,012	0,092	FALSE
0,073	0,287	0,005	0,014	0,141	FALSE
0,058	0,291	0,002	0,011	0,072	FALSE
0,042	0,283	0,002	0,011	0,054	FALSE
-0,150	0,276	-0,006	0,010	0,242	FALSE
-0,091	0,279	-0,004	0,010	0,151	FALSE
0,227	0,279	0,004	0,008	0,198	FALSE
-0,005	0,290	-0,002	0,013	0,063	FALSE
-0,059	0,292	0,001	0,015	0,027	FALSE
-0,132	0,281	-0,007	0,014	0,217	FALSE
0,049	0,285	0,001	0,009	0,060	FALSE
0,080	0,302	0,002	0,010	0,086	FALSE
0,070	0,283	0,004	0,012	0,118	FALSE

0,011	0,266	0,001	0,010	0,041	FALSE
0,142	0,283	0,002	0,008	0,106	FALSE
0,130	0,280	0,002	0,007	0,130	FALSE
-0,099	0,296	-0,003	0,013	0,096	FALSE
-0,083	0,296	-0,002	0,010	0,075	FALSE
0,037	0,290	0,000	0,009	0,019	FALSE
0,088	0,290	0,004	0,011	0,156	FALSE
-0,007	0,288	0,000	0,011	0,014	FALSE
0,009	0,280	-0,001	0,009	0,047	FALSE
-0,012	0,292	-0,003	0,014	0,091	FALSE
-0,030	0,293	-0,003	0,014	0,073	FALSE
-0,048	0,295	-0,002	0,013	0,062	FALSE
-0,034	0,284	-0,001	0,011	0,046	FALSE
-0,012	0,299	0,000	0,015	0,006	FALSE
0,017	0,290	0,001	0,009	0,022	FALSE
0,086	0,291	0,003	0,014	0,078	FALSE
-0,163	0,281	-0,004	0,007	0,257	FALSE
0,058	0,298	0,005	0,015	0,137	FALSE
-0,038	0,276	-0,002	0,013	0,073	FALSE
-0,014	0,289	-0,003	0,015	0,083	FALSE
0,213	0,273	0,005	0,008	0,232	FALSE
-0,057	0,288	-0,002	0,013	0,062	FALSE
-0,077	0,299	-0,002	0,015	0,060	FALSE
0,169	0,275	0,005	0,008	0,230	FALSE
0,076	0,281	0,004	0,008	0,222	FALSE
-0,040	0,282	-0,001	0,009	0,048	FALSE
0,042	0,287	0,001	0,014	0,021	FALSE
0,096	0,294	0,004	0,009	0,173	FALSE
0,093	0,298	0,002	0,008	0,084	FALSE
0,002	0,268	0,002	0,012	0,068	FALSE
0,028	0,274	0,005	0,014	0,123	FALSE
0,086	0,286	0,004	0,012	0,143	FALSE
0,070	0,293	0,003	0,012	0,106	FALSE
0,166	0,261	0,002	0,010	0,055	FALSE
0,053	0,298	0,004	0,013	0,137	FALSE
-0,060	0,280	-0,002	0,014	0,062	FALSE
-0,063	0,280	-0,003	0,009	0,120	FALSE
-0,016	0,295	0,000	0,009	0,010	FALSE
-0,020	0,285	-0,002	0,008	0,078	FALSE
0,059	0,275	0,001	0,008	0,037	FALSE
0,153	0,280	0,008	0,014	0,269	FALSE
-0,107	0,280	-0,001	0,008	0,073	FALSE
-0,090	0,293	-0,003	0,015	0,088	FALSE
0,183	0,277	0,006	0,009	0,260	FALSE
0,011	0,295	0,001	0,009	0,039	FALSE
-0,014	0,290	0,000	0,009	0,002	FALSE
0,122	0,285	0,003	0,011	0,119	FALSE
0,031	0,287	0,002	0,015	0,048	FALSE
0,025	0,288	0,001	0,008	0,062	FALSE
-0,006	0,277	-0,003	0,014	0,069	FALSE
-0,053	0,277	-0,001	0,010	0,021	FALSE
-0,031	0,300	-0,001	0,012	0,040	FALSE
-0,058	0,279	0,001	0,009	0,029	FALSE

-0,093	0,296	-0,001	0,008	0,036	FALSE
-0,074	0,288	-0,003	0,012	0,097	FALSE
-0,024	0,294	-0,001	0,011	0,023	FALSE
-0,092	0,293	-0,002	0,008	0,079	FALSE
0,043	0,296	0,001	0,008	0,039	FALSE
0,120	0,290	0,002	0,008	0,095	FALSE
-0,020	0,270	-0,001	0,007	0,037	FALSE
0,010	0,279	0,000	0,008	0,017	FALSE
-0,033	0,285	-0,002	0,009	0,090	FALSE
-0,031	0,287	-0,001	0,008	0,031	FALSE
0,031	0,293	-0,001	0,012	0,020	FALSE
-0,075	0,291	-0,002	0,014	0,057	FALSE
0,046	0,299	0,004	0,013	0,134	FALSE
0,060	0,290	0,002	0,011	0,051	FALSE
0,048	0,301	0,004	0,014	0,128	FALSE
0,037	0,286	0,004	0,011	0,136	FALSE
0,078	0,294	0,003	0,014	0,078	FALSE
0,025	0,296	0,000	0,009	0,019	FALSE
0,101	0,282	0,005	0,013	0,155	FALSE
0,089	0,278	0,001	0,008	0,053	FALSE
0,092	0,281	0,001	0,008	0,071	FALSE
-0,130	0,278	-0,006	0,013	0,173	FALSE
-0,044	0,280	-0,002	0,009	0,093	FALSE
-0,034	0,290	-0,001	0,011	0,031	FALSE
-0,001	0,288	0,001	0,013	0,030	FALSE
0,070	0,295	0,004	0,015	0,087	FALSE
-0,113	0,287	-0,002	0,010	0,091	FALSE
-0,060	0,283	-0,001	0,010	0,048	FALSE
-0,205	0,278	-0,005	0,010	0,237	FALSE
0,138	0,288	0,004	0,010	0,153	FALSE
0,133	0,279	0,005	0,011	0,183	FALSE
0,040	0,298	0,002	0,010	0,083	FALSE
-0,160	0,299	-0,005	0,011	0,188	FALSE
-0,003	0,282	0,001	0,009	0,038	FALSE
-0,106	0,275	-0,003	0,008	0,123	FALSE
0,035	0,290	0,003	0,014	0,073	FALSE
0,059	0,287	0,003	0,015	0,090	FALSE
-0,089	0,282	-0,002	0,014	0,061	FALSE
-0,098	0,305	-0,003	0,014	0,081	FALSE
0,089	0,289	0,002	0,013	0,065	FALSE
-0,062	0,285	-0,002	0,009	0,081	FALSE
0,076	0,277	0,004	0,014	0,095	FALSE
-0,113	0,308	-0,004	0,010	0,162	FALSE
0,033	0,287	0,000	0,009	0,005	FALSE
-0,023	0,293	-0,002	0,012	0,047	FALSE
0,086	0,285	0,002	0,008	0,098	FALSE
-0,093	0,289	-0,002	0,008	0,090	FALSE
-0,061	0,286	-0,005	0,013	0,138	FALSE
0,026	0,287	-0,001	0,014	0,014	FALSE
0,040	0,292	0,001	0,014	0,013	FALSE
-0,075	0,287	-0,001	0,008	0,068	FALSE
-0,095	0,288	-0,002	0,009	0,108	FALSE
0,140	0,284	0,004	0,011	0,130	FALSE

-0,030	0,287	-0,003	0,015	0,067	FALSE
0,067	0,295	0,001	0,008	0,048	FALSE
-0,133	0,289	-0,005	0,014	0,134	FALSE
0,200	0,286	0,008	0,014	0,232	FALSE
0,023	0,292	0,001	0,010	0,046	FALSE
0,091	0,278	0,006	0,016	0,161	FALSE
-0,012	0,291	-0,002	0,011	0,064	FALSE
-0,007	0,297	0,000	0,007	0,015	FALSE
0,025	0,289	0,001	0,008	0,029	FALSE
0,058	0,276	0,002	0,012	0,056	FALSE
-0,059	0,278	-0,002	0,011	0,079	FALSE
-0,022	0,286	-0,001	0,011	0,017	FALSE
0,012	0,280	0,001	0,014	0,037	FALSE
-0,056	0,300	-0,001	0,011	0,033	FALSE
-0,043	0,274	-0,002	0,013	0,066	FALSE
0,031	0,280	0,000	0,012	0,007	FALSE
-0,032	0,295	0,000	0,008	0,006	FALSE
0,080	0,308	0,004	0,015	0,102	FALSE
0,094	0,269	0,003	0,011	0,112	FALSE
0,057	0,297	0,003	0,012	0,094	FALSE
0,032	0,286	0,000	0,007	0,025	FALSE
0,114	0,275	0,002	0,008	0,080	FALSE
0,036	0,279	0,001	0,014	0,022	FALSE
0,073	0,278	0,001	0,011	0,021	FALSE
-0,062	0,285	-0,002	0,012	0,057	FALSE
-0,021	0,290	0,001	0,008	0,065	FALSE
-0,049	0,293	0,000	0,010	0,010	FALSE
-0,090	0,279	-0,003	0,008	0,125	FALSE
0,106	0,293	0,005	0,013	0,170	FALSE
0,034	0,287	-0,001	0,013	0,024	FALSE
0,005	0,281	0,001	0,011	0,016	FALSE
0,055	0,285	0,003	0,008	0,141	FALSE
0,051	0,286	0,006	0,012	0,220	FALSE
0,169	0,277	0,002	0,009	0,094	FALSE
0,047	0,282	-0,001	0,014	0,036	FALSE
-0,061	0,292	-0,002	0,011	0,080	FALSE
0,026	0,286	-0,002	0,014	0,059	FALSE
-0,029	0,283	0,001	0,012	0,020	FALSE
0,024	0,294	0,002	0,011	0,061	FALSE
-0,049	0,294	-0,003	0,015	0,067	FALSE
0,040	0,292	0,000	0,009	0,011	FALSE
0,046	0,278	0,000	0,013	0,007	FALSE
-0,043	0,285	-0,001	0,009	0,029	FALSE
-0,060	0,283	-0,002	0,008	0,076	FALSE
-0,118	0,281	-0,004	0,009	0,167	FALSE
0,283	0,273	0,012	0,014	0,406	FALSE
-0,084	0,275	-0,002	0,008	0,093	FALSE
0,057	0,299	0,003	0,010	0,102	FALSE
-0,019	0,292	-0,002	0,015	0,037	FALSE
0,108	0,280	0,002	0,010	0,084	FALSE
-0,111	0,291	-0,002	0,009	0,095	FALSE
-0,001	0,303	-0,001	0,014	0,017	FALSE
-0,170	0,292	-0,005	0,008	0,250	FALSE

0,085	0,299	0,002	0,008	0,117	FALSE
-0,123	0,277	-0,003	0,008	0,166	FALSE
0,074	0,291	0,001	0,015	0,033	FALSE
-0,031	0,289	-0,001	0,009	0,046	FALSE
-0,047	0,288	0,000	0,010	0,015	FALSE
-0,013	0,286	-0,001	0,008	0,051	FALSE
-0,118	0,266	-0,003	0,008	0,167	FALSE
-0,047	0,282	0,001	0,013	0,026	FALSE
0,064	0,296	0,002	0,013	0,053	FALSE
-0,110	0,285	-0,004	0,014	0,097	FALSE
0,009	0,291	0,000	0,015	0,010	FALSE
-0,097	0,277	-0,003	0,012	0,085	FALSE
0,083	0,269	0,003	0,014	0,092	FALSE
-0,108	0,286	-0,004	0,014	0,107	FALSE
-0,127	0,302	-0,005	0,012	0,162	FALSE
-0,003	0,286	0,000	0,009	0,013	FALSE
-0,015	0,288	-0,002	0,010	0,059	FALSE
-0,149	0,286	-0,003	0,007	0,197	FALSE
0,071	0,282	0,000	0,015	0,004	FALSE
0,034	0,282	-0,002	0,014	0,048	FALSE
-0,030	0,284	-0,001	0,014	0,014	FALSE
-0,081	0,298	-0,001	0,009	0,052	FALSE
0,010	0,290	0,000	0,009	0,009	FALSE
-0,092	0,277	-0,002	0,009	0,084	FALSE
0,138	0,285	0,003	0,010	0,115	FALSE
-0,043	0,293	-0,002	0,012	0,069	FALSE
0,014	0,284	0,001	0,008	0,063	FALSE
0,043	0,295	0,002	0,008	0,105	FALSE
0,008	0,293	0,001	0,014	0,034	FALSE
0,025	0,287	0,002	0,015	0,038	FALSE
-0,133	0,286	-0,004	0,011	0,152	FALSE
0,053	0,282	0,001	0,008	0,032	FALSE
-0,203	0,281	-0,005	0,010	0,230	FALSE
0,202	0,268	0,008	0,014	0,262	FALSE
-0,085	0,293	-0,004	0,014	0,120	FALSE
0,096	0,284	0,002	0,010	0,075	FALSE
-0,004	0,288	0,002	0,013	0,046	FALSE
-0,067	0,280	0,000	0,008	0,008	FALSE
0,016	0,263	0,002	0,014	0,054	FALSE
-0,009	0,275	-0,001	0,013	0,021	FALSE
0,020	0,274	0,003	0,015	0,082	FALSE
-0,018	0,286	0,000	0,008	0,003	FALSE
-0,029	0,284	0,000	0,008	0,000	FALSE
-0,170	0,294	-0,005	0,011	0,187	FALSE
-0,095	0,287	-0,005	0,015	0,128	FALSE
-0,010	0,290	-0,001	0,013	0,015	FALSE
-0,004	0,279	0,001	0,012	0,029	FALSE
-0,111	0,273	-0,006	0,010	0,240	FALSE
-0,155	0,287	-0,003	0,008	0,161	FALSE
-0,008	0,282	-0,001	0,013	0,041	FALSE
-0,131	0,283	-0,002	0,008	0,124	FALSE
-0,239	0,261	-0,008	0,014	0,255	FALSE
0,144	0,275	0,005	0,012	0,179	FALSE

-0,041	0,292	0,000	0,010	0,013	FALSE
0,097	0,290	0,001	0,009	0,054	FALSE
-0,076	0,288	0,001	0,010	0,021	FALSE
-0,078	0,283	0,000	0,008	0,004	FALSE
-0,043	0,287	-0,005	0,013	0,138	FALSE
-0,007	0,290	0,001	0,008	0,053	FALSE
-0,074	0,289	-0,001	0,008	0,040	FALSE
-0,060	0,284	-0,002	0,011	0,063	FALSE
0,018	0,293	0,001	0,011	0,035	FALSE
0,146	0,284	0,004	0,008	0,185	FALSE
0,162	0,280	0,007	0,013	0,230	FALSE
-0,027	0,289	-0,001	0,011	0,029	FALSE
0,076	0,284	0,003	0,010	0,132	FALSE
0,076	0,295	0,003	0,013	0,084	FALSE
0,011	0,301	0,001	0,008	0,056	FALSE
-0,040	0,293	-0,001	0,015	0,022	FALSE
-0,004	0,293	0,000	0,013	0,001	FALSE
-0,113	0,282	-0,003	0,010	0,118	FALSE
-0,064	0,275	-0,001	0,008	0,058	FALSE
0,125	0,263	0,008	0,014	0,255	FALSE
-0,044	0,284	-0,002	0,014	0,042	FALSE
-0,151	0,280	-0,003	0,008	0,147	FALSE
-0,011	0,279	-0,002	0,015	0,049	FALSE
-0,051	0,284	-0,001	0,010	0,038	FALSE
0,108	0,295	0,005	0,014	0,128	FALSE
-0,071	0,282	-0,002	0,011	0,069	FALSE
-0,132	0,295	-0,008	0,015	0,218	FALSE
0,087	0,280	0,002	0,011	0,080	FALSE
-0,011	0,285	-0,002	0,014	0,042	FALSE
-0,076	0,282	-0,002	0,012	0,071	FALSE
-0,020	0,283	0,000	0,013	0,009	FALSE
0,068	0,296	0,001	0,008	0,063	FALSE
0,158	0,284	0,004	0,008	0,203	FALSE
0,018	0,283	0,002	0,010	0,086	FALSE
-0,032	0,289	0,002	0,013	0,069	FALSE
0,112	0,282	0,003	0,015	0,082	FALSE
0,042	0,277	0,003	0,013	0,086	FALSE
0,081	0,276	0,003	0,009	0,121	FALSE
-0,109	0,271	-0,004	0,010	0,169	FALSE
-0,112	0,292	-0,003	0,009	0,128	FALSE
-0,048	0,288	0,000	0,010	0,009	FALSE
0,120	0,281	0,004	0,013	0,122	FALSE
0,022	0,291	0,001	0,010	0,046	FALSE
-0,016	0,278	-0,003	0,014	0,081	FALSE
-0,014	0,284	0,000	0,011	0,009	FALSE
0,087	0,273	0,001	0,015	0,032	FALSE
-0,035	0,283	-0,002	0,009	0,075	FALSE
0,029	0,287	0,002	0,012	0,047	FALSE
0,026	0,295	0,000	0,009	0,015	FALSE
-0,004	0,299	0,000	0,009	0,009	FALSE
-0,120	0,292	-0,003	0,009	0,112	FALSE
-0,010	0,302	0,001	0,014	0,032	FALSE
0,075	0,288	0,002	0,015	0,047	FALSE

-0,091	0,284	-0,002	0,011	0,059	FALSE
0,102	0,271	0,003	0,013	0,085	FALSE
0,105	0,272	0,003	0,014	0,072	FALSE
-0,166	0,284	-0,003	0,007	0,171	FALSE
-0,150	0,261	-0,004	0,014	0,125	FALSE
0,032	0,313	0,000	0,009	0,009	FALSE
0,036	0,273	-0,001	0,008	0,047	FALSE
-0,033	0,282	-0,001	0,008	0,026	FALSE
0,100	0,289	0,003	0,009	0,119	FALSE
-0,152	0,272	-0,003	0,009	0,127	FALSE
0,058	0,283	0,002	0,013	0,054	FALSE
-0,092	0,287	-0,002	0,010	0,085	FALSE
-0,094	0,290	-0,006	0,013	0,190	FALSE
0,064	0,288	0,002	0,008	0,090	FALSE
0,030	0,278	-0,001	0,007	0,062	FALSE
0,006	0,292	0,000	0,008	0,000	FALSE
-0,086	0,271	-0,003	0,008	0,137	FALSE
-0,110	0,290	-0,005	0,011	0,188	FALSE
0,083	0,286	0,002	0,009	0,073	FALSE
-0,051	0,295	0,000	0,009	0,007	FALSE
-0,191	0,291	-0,006	0,011	0,233	FALSE
-0,173	0,278	-0,005	0,012	0,160	FALSE
-0,101	0,294	-0,004	0,013	0,112	FALSE
0,111	0,286	0,004	0,009	0,193	FALSE
-0,004	0,284	-0,001	0,013	0,019	FALSE
0,094	0,289	0,003	0,011	0,096	FALSE
0,050	0,298	0,002	0,014	0,050	FALSE
-0,088	0,291	-0,002	0,010	0,065	FALSE
-0,090	0,287	-0,002	0,011	0,059	FALSE
0,010	0,286	-0,003	0,015	0,072	FALSE
0,076	0,268	0,001	0,012	0,017	FALSE
-0,072	0,292	-0,001	0,010	0,047	FALSE
0,074	0,286	0,003	0,014	0,070	FALSE
-0,035	0,283	0,000	0,009	0,009	FALSE
-0,094	0,272	-0,003	0,014	0,068	FALSE
0,102	0,291	0,004	0,010	0,164	FALSE
-0,023	0,288	0,002	0,013	0,050	FALSE
0,188	0,300	0,005	0,008	0,232	FALSE
-0,083	0,311	-0,001	0,008	0,038	FALSE
0,035	0,275	0,002	0,009	0,063	FALSE
-0,090	0,291	-0,003	0,015	0,072	FALSE
0,064	0,286	0,003	0,008	0,127	FALSE
-0,062	0,293	-0,002	0,008	0,113	FALSE
-0,026	0,280	0,000	0,013	0,003	FALSE
0,025	0,283	-0,001	0,008	0,028	FALSE
-0,029	0,288	0,000	0,008	0,001	FALSE
0,028	0,296	0,001	0,007	0,059	FALSE
-0,008	0,287	0,002	0,014	0,059	FALSE
0,037	0,294	0,001	0,013	0,041	FALSE
0,130	0,266	0,003	0,013	0,087	FALSE
0,141	0,262	0,003	0,013	0,092	FALSE
0,011	0,291	0,003	0,010	0,120	FALSE
-0,191	0,290	-0,006	0,009	0,316	FALSE

0,024	0,302	0,003	0,015	0,080	FALSE
-0,096	0,292	-0,001	0,009	0,024	FALSE
-0,010	0,288	-0,001	0,013	0,020	FALSE
0,070	0,285	0,003	0,008	0,142	FALSE
-0,020	0,298	-0,001	0,015	0,017	FALSE
-0,078	0,294	-0,003	0,014	0,071	FALSE
0,311	0,270	0,010	0,013	0,340	FALSE
-0,155	0,285	-0,005	0,014	0,148	FALSE
-0,106	0,287	-0,002	0,009	0,073	FALSE
0,139	0,272	0,009	0,013	0,294	FALSE
-0,112	0,285	-0,003	0,009	0,155	FALSE
-0,073	0,277	-0,001	0,011	0,026	FALSE
-0,052	0,299	-0,005	0,015	0,128	FALSE
-0,043	0,280	-0,005	0,014	0,127	FALSE
0,025	0,279	-0,002	0,014	0,066	FALSE
0,026	0,290	-0,002	0,014	0,038	FALSE
-0,016	0,286	-0,001	0,011	0,023	FALSE
-0,030	0,284	-0,001	0,009	0,039	FALSE
-0,153	0,277	-0,005	0,012	0,155	FALSE
0,107	0,273	0,002	0,007	0,095	FALSE
0,084	0,279	0,001	0,011	0,035	FALSE
0,025	0,282	0,000	0,012	0,007	FALSE
0,019	0,279	0,000	0,008	0,008	FALSE
-0,025	0,283	0,000	0,011	0,014	FALSE
-0,128	0,288	-0,005	0,010	0,180	FALSE
0,069	0,291	0,003	0,008	0,165	FALSE
0,203	0,281	0,009	0,012	0,326	FALSE
0,101	0,286	0,006	0,013	0,173	FALSE
-0,011	0,289	-0,001	0,008	0,045	FALSE
0,091	0,295	0,004	0,008	0,200	FALSE
0,040	0,286	0,002	0,013	0,048	FALSE
-0,007	0,287	0,001	0,012	0,032	FALSE
-0,119	0,288	-0,004	0,009	0,152	FALSE
-0,110	0,290	-0,003	0,009	0,132	FALSE
-0,097	0,299	-0,003	0,009	0,121	FALSE
-0,053	0,294	-0,001	0,013	0,025	FALSE
-0,084	0,295	-0,002	0,012	0,063	FALSE
-0,084	0,283	-0,002	0,011	0,072	FALSE
-0,122	0,274	-0,003	0,013	0,101	FALSE
-0,090	0,276	-0,002	0,011	0,055	FALSE
-0,052	0,296	-0,002	0,010	0,064	FALSE
-0,065	0,283	-0,003	0,012	0,092	FALSE
-0,066	0,294	0,001	0,008	0,045	FALSE
-0,064	0,285	-0,002	0,014	0,045	FALSE
-0,022	0,284	-0,003	0,014	0,087	FALSE
-0,033	0,276	-0,001	0,014	0,031	FALSE
-0,162	0,280	-0,007	0,015	0,206	FALSE
0,058	0,296	0,002	0,013	0,053	FALSE
0,200	0,268	0,005	0,010	0,210	FALSE
-0,144	0,281	-0,004	0,013	0,127	FALSE
0,113	0,268	0,002	0,007	0,117	FALSE
-0,056	0,306	-0,001	0,009	0,035	FALSE
0,260	0,281	0,006	0,010	0,269	FALSE

0,109	0,288	0,004	0,014	0,116	FALSE
0,023	0,275	0,001	0,013	0,033	FALSE
0,017	0,290	0,001	0,009	0,031	FALSE
0,141	0,298	0,004	0,013	0,122	FALSE
-0,027	0,295	-0,002	0,007	0,076	FALSE
0,079	0,283	0,002	0,014	0,049	FALSE
0,087	0,288	0,003	0,012	0,102	FALSE
0,070	0,276	0,003	0,009	0,140	FALSE
0,114	0,276	0,003	0,008	0,141	FALSE
-0,065	0,285	-0,004	0,012	0,134	FALSE
-0,075	0,280	-0,005	0,013	0,147	FALSE
0,010	0,296	0,001	0,010	0,032	FALSE
0,009	0,295	0,001	0,009	0,027	FALSE
0,034	0,285	0,001	0,009	0,025	FALSE
0,043	0,292	0,001	0,008	0,033	FALSE
0,063	0,280	0,003	0,008	0,145	FALSE
0,105	0,282	0,003	0,011	0,092	FALSE
-0,046	0,281	-0,001	0,008	0,025	FALSE
-0,043	0,293	0,000	0,008	0,010	FALSE
-0,064	0,263	-0,001	0,008	0,028	FALSE
-0,007	0,281	-0,001	0,008	0,039	FALSE
0,018	0,288	0,002	0,011	0,070	FALSE
0,012	0,280	0,002	0,010	0,064	FALSE
-0,041	0,297	-0,003	0,012	0,101	FALSE
0,000	0,290	0,001	0,015	0,029	FALSE
-0,022	0,293	-0,001	0,015	0,022	FALSE
0,148	0,289	0,004	0,011	0,151	FALSE
0,073	0,295	0,001	0,014	0,031	FALSE
0,012	0,290	0,000	0,012	0,002	FALSE
-0,036	0,294	0,000	0,007	0,007	FALSE
-0,056	0,286	0,000	0,012	0,006	FALSE
-0,092	0,276	0,000	0,014	0,012	FALSE
0,144	0,278	0,004	0,014	0,094	FALSE
0,069	0,285	0,000	0,010	0,012	FALSE
0,091	0,270	0,004	0,013	0,135	FALSE
0,114	0,293	0,005	0,013	0,146	FALSE
-0,136	0,286	-0,005	0,013	0,165	FALSE
-0,016	0,276	-0,001	0,013	0,029	FALSE
0,086	0,287	0,003	0,013	0,099	FALSE
0,090	0,270	0,003	0,008	0,151	FALSE
0,090	0,293	0,004	0,011	0,133	FALSE
0,012	0,279	0,002	0,007	0,099	FALSE
-0,014	0,285	-0,001	0,008	0,052	FALSE
0,104	0,293	0,007	0,015	0,198	FALSE
-0,073	0,285	-0,002	0,014	0,040	FALSE
0,076	0,287	0,000	0,012	0,009	FALSE
0,045	0,284	-0,001	0,010	0,050	FALSE
-0,001	0,289	0,000	0,008	0,010	FALSE
0,057	0,289	0,001	0,008	0,060	FALSE
0,095	0,282	0,003	0,008	0,171	FALSE
0,021	0,287	0,002	0,010	0,065	FALSE
0,196	0,287	0,005	0,009	0,249	FALSE
-0,178	0,283	-0,006	0,012	0,217	FALSE

-0,193	0,285	-0,007	0,012	0,253	FALSE
0,108	0,278	0,004	0,013	0,124	FALSE
0,172	0,277	0,007	0,014	0,191	FALSE
-0,074	0,288	-0,002	0,008	0,099	FALSE
0,180	0,277	0,003	0,010	0,105	FALSE
0,078	0,294	0,003	0,013	0,075	FALSE
0,011	0,284	0,001	0,008	0,037	FALSE
-0,057	0,275	-0,003	0,009	0,131	FALSE
0,019	0,286	0,000	0,013	0,006	FALSE
-0,048	0,286	-0,002	0,009	0,068	FALSE
0,015	0,284	0,001	0,009	0,032	FALSE
0,035	0,272	0,000	0,009	0,007	FALSE
0,135	0,273	0,008	0,013	0,278	FALSE
0,020	0,280	0,001	0,014	0,029	FALSE
0,042	0,288	0,003	0,014	0,069	FALSE
0,020	0,282	0,001	0,014	0,032	FALSE
-0,094	0,289	-0,002	0,009	0,095	FALSE
0,014	0,290	0,001	0,014	0,032	FALSE
-0,056	0,287	-0,002	0,010	0,082	FALSE
-0,021	0,289	-0,001	0,014	0,015	FALSE
0,070	0,289	0,002	0,011	0,055	FALSE
-0,019	0,284	-0,002	0,009	0,077	FALSE
0,102	0,284	0,001	0,009	0,024	FALSE
-0,109	0,283	-0,004	0,010	0,141	FALSE
-0,001	0,275	0,001	0,014	0,022	FALSE
0,022	0,285	0,002	0,015	0,051	FALSE
0,038	0,293	0,000	0,010	0,004	FALSE
0,095	0,295	0,004	0,013	0,108	FALSE
-0,016	0,283	0,000	0,015	0,002	FALSE
0,098	0,300	0,003	0,009	0,123	FALSE
-0,169	0,278	-0,009	0,013	0,288	FALSE
0,139	0,276	0,008	0,012	0,274	FALSE
-0,095	0,294	-0,007	0,015	0,185	FALSE
-0,025	0,288	-0,004	0,015	0,102	FALSE
-0,061	0,294	-0,004	0,015	0,108	FALSE
0,076	0,284	0,002	0,007	0,120	FALSE
0,000	0,306	0,001	0,014	0,020	FALSE
-0,077	0,295	-0,002	0,008	0,076	FALSE
0,115	0,288	0,003	0,008	0,136	FALSE
-0,057	0,289	-0,001	0,015	0,025	FALSE
-0,117	0,272	-0,005	0,010	0,191	FALSE
0,024	0,282	0,002	0,012	0,079	FALSE
-0,020	0,289	0,000	0,010	0,011	FALSE
-0,002	0,286	0,003	0,011	0,114	FALSE
-0,021	0,269	0,002	0,012	0,074	FALSE
-0,008	0,287	0,001	0,008	0,033	FALSE
-0,188	0,276	-0,007	0,012	0,255	FALSE
-0,176	0,282	-0,007	0,013	0,235	FALSE
0,101	0,289	0,004	0,012	0,129	FALSE
0,054	0,291	0,001	0,010	0,052	FALSE
0,069	0,276	0,001	0,013	0,028	FALSE
0,058	0,295	0,000	0,012	0,014	FALSE
-0,136	0,272	-0,005	0,010	0,189	FALSE

-0,043	0,300	-0,002	0,009	0,076	FALSE
-0,041	0,281	-0,002	0,009	0,070	FALSE
0,066	0,283	0,002	0,015	0,061	FALSE
-0,049	0,285	-0,002	0,009	0,076	FALSE
0,064	0,273	0,003	0,013	0,098	FALSE
-0,026	0,295	0,001	0,015	0,034	FALSE
0,169	0,291	0,004	0,009	0,172	FALSE
-0,059	0,289	-0,004	0,015	0,100	FALSE
-0,082	0,276	-0,004	0,014	0,117	FALSE
0,076	0,291	0,002	0,008	0,084	FALSE
0,028	0,282	0,001	0,013	0,016	FALSE
0,002	0,286	0,000	0,013	0,005	FALSE
0,032	0,285	0,002	0,014	0,053	FALSE
0,197	0,280	0,007	0,011	0,255	FALSE
-0,029	0,295	0,000	0,014	0,003	FALSE
-0,154	0,290	-0,004	0,008	0,202	FALSE
-0,084	0,266	-0,002	0,012	0,073	FALSE
0,017	0,297	0,000	0,014	0,001	FALSE
0,086	0,285	0,002	0,010	0,084	FALSE
-0,008	0,304	0,000	0,012	0,002	FALSE
-0,008	0,307	0,000	0,012	0,002	FALSE
-0,075	0,292	-0,001	0,011	0,017	FALSE
0,050	0,288	0,001	0,014	0,014	FALSE
0,015	0,291	-0,001	0,014	0,015	FALSE
-0,127	0,273	-0,007	0,015	0,188	FALSE
-0,072	0,298	-0,001	0,012	0,024	FALSE
-0,058	0,286	-0,002	0,013	0,054	FALSE
-0,045	0,282	-0,001	0,012	0,031	FALSE
-0,064	0,275	-0,002	0,012	0,060	FALSE
-0,052	0,284	-0,002	0,011	0,058	FALSE
-0,221	0,281	-0,006	0,008	0,296	FALSE
0,116	0,289	0,004	0,014	0,098	FALSE
0,101	0,292	0,003	0,015	0,084	FALSE
-0,075	0,290	-0,002	0,014	0,057	FALSE
0,088	0,295	0,001	0,008	0,065	FALSE
0,013	0,279	0,001	0,008	0,058	FALSE
-0,069	0,294	-0,001	0,011	0,034	FALSE
0,028	0,282	0,000	0,015	0,006	FALSE
-0,131	0,284	-0,004	0,009	0,193	FALSE
0,120	0,300	0,004	0,008	0,203	FALSE
-0,096	0,287	-0,003	0,009	0,113	FALSE
0,090	0,289	0,002	0,008	0,108	FALSE
0,050	0,290	0,001	0,009	0,046	FALSE
-0,001	0,289	0,000	0,009	0,013	FALSE
-0,008	0,278	-0,001	0,008	0,057	FALSE
0,017	0,286	0,004	0,013	0,105	FALSE
-0,149	0,279	-0,003	0,007	0,192	FALSE
-0,026	0,306	-0,002	0,012	0,071	FALSE
-0,165	0,275	-0,005	0,010	0,234	FALSE
-0,030	0,296	-0,001	0,013	0,027	FALSE
0,000	0,302	0,001	0,008	0,070	FALSE
-0,121	0,277	-0,003	0,008	0,162	FALSE
0,102	0,288	0,003	0,010	0,104	FALSE

-0,048	0,279	-0,002	0,009	0,090	FALSE
-0,049	0,299	0,000	0,008	0,015	FALSE
0,070	0,280	0,005	0,013	0,163	FALSE
0,088	0,289	0,006	0,012	0,187	FALSE
-0,156	0,266	-0,003	0,008	0,165	FALSE
0,197	0,272	0,005	0,008	0,270	FALSE
0,002	0,286	-0,001	0,014	0,020	FALSE
0,138	0,280	0,004	0,008	0,194	FALSE
0,010	0,286	0,000	0,014	0,000	FALSE
0,073	0,277	0,000	0,014	0,002	FALSE
0,062	0,271	-0,001	0,013	0,018	FALSE
0,061	0,298	0,004	0,014	0,101	FALSE
0,081	0,294	0,004	0,014	0,114	FALSE
0,057	0,290	0,003	0,013	0,072	FALSE
0,109	0,268	0,002	0,008	0,102	FALSE
-0,031	0,286	-0,002	0,015	0,037	FALSE
-0,029	0,293	0,000	0,010	0,008	FALSE
-0,034	0,291	0,000	0,010	0,008	FALSE
-0,066	0,267	-0,004	0,012	0,142	FALSE
-0,103	0,262	-0,006	0,011	0,216	FALSE
-0,060	0,278	-0,004	0,011	0,121	FALSE
-0,036	0,284	-0,002	0,012	0,076	FALSE
0,120	0,271	0,003	0,013	0,091	FALSE
-0,025	0,290	-0,001	0,009	0,051	FALSE
-0,021	0,290	0,000	0,015	0,001	FALSE
-0,004	0,296	0,000	0,008	0,007	FALSE
-0,109	0,287	-0,004	0,015	0,095	FALSE
-0,100	0,279	-0,003	0,013	0,072	FALSE
-0,040	0,266	-0,005	0,014	0,129	FALSE
0,161	0,278	0,004	0,010	0,174	FALSE
0,105	0,290	0,005	0,014	0,132	FALSE
-0,002	0,289	0,001	0,012	0,033	FALSE
0,058	0,297	0,001	0,010	0,024	FALSE
-0,056	0,286	-0,001	0,010	0,052	FALSE
-0,007	0,291	0,000	0,008	0,015	FALSE
0,165	0,289	0,004	0,009	0,177	FALSE
-0,088	0,287	-0,004	0,008	0,195	FALSE
0,085	0,270	0,001	0,009	0,051	FALSE
-0,093	0,282	-0,002	0,013	0,055	FALSE
-0,171	0,278	-0,004	0,009	0,155	FALSE
-0,142	0,287	-0,002	0,007	0,100	FALSE
-0,150	0,283	-0,005	0,009	0,218	FALSE
0,075	0,285	0,002	0,008	0,089	FALSE
0,099	0,297	0,003	0,009	0,148	FALSE
-0,104	0,279	-0,005	0,010	0,186	FALSE
-0,032	0,288	-0,001	0,008	0,031	FALSE
-0,231	0,284	-0,010	0,015	0,293	FALSE
-0,032	0,286	0,000	0,008	0,010	FALSE
0,078	0,289	0,001	0,010	0,029	FALSE
0,060	0,288	0,002	0,008	0,095	FALSE
0,049	0,277	0,001	0,008	0,066	FALSE
-0,084	0,279	-0,001	0,011	0,047	FALSE
0,209	0,276	0,005	0,009	0,244	FALSE

0,046	0,291	0,000	0,011	0,006	FALSE
-0,019	0,293	-0,002	0,014	0,055	FALSE
-0,064	0,279	-0,002	0,013	0,067	FALSE
-0,012	0,296	0,000	0,011	0,011	FALSE
0,115	0,281	0,003	0,008	0,154	FALSE
0,089	0,278	0,000	0,012	0,008	FALSE
-0,005	0,282	-0,003	0,012	0,100	FALSE
-0,101	0,286	-0,004	0,011	0,125	FALSE
-0,111	0,274	-0,003	0,011	0,096	FALSE
-0,080	0,278	-0,004	0,012	0,150	FALSE
0,069	0,298	0,002	0,011	0,080	FALSE
-0,085	0,283	-0,002	0,015	0,054	FALSE
-0,155	0,275	-0,006	0,011	0,257	FALSE
0,103	0,290	0,003	0,013	0,100	FALSE
0,021	0,289	0,000	0,007	0,019	FALSE
0,076	0,290	0,002	0,010	0,076	FALSE
0,038	0,279	0,003	0,009	0,124	FALSE
0,017	0,294	0,003	0,015	0,066	FALSE
-0,066	0,297	-0,004	0,015	0,098	FALSE
-0,043	0,283	0,000	0,010	0,008	FALSE
0,098	0,277	0,001	0,013	0,015	FALSE
-0,126	0,282	-0,002	0,008	0,113	FALSE
-0,009	0,282	0,001	0,014	0,015	FALSE
0,096	0,279	0,006	0,012	0,207	FALSE
-0,135	0,273	-0,004	0,015	0,091	FALSE
-0,013	0,278	0,002	0,014	0,042	FALSE
-0,182	0,266	-0,007	0,012	0,242	FALSE
0,081	0,282	0,005	0,014	0,144	FALSE
0,065	0,278	0,002	0,012	0,071	FALSE
-0,051	0,290	-0,001	0,008	0,025	FALSE
0,079	0,297	0,002	0,007	0,125	FALSE
0,023	0,277	0,003	0,014	0,068	FALSE
-0,108	0,274	-0,002	0,007	0,128	FALSE
0,074	0,267	0,002	0,012	0,070	FALSE
-0,037	0,285	-0,003	0,012	0,093	FALSE
0,109	0,286	0,004	0,010	0,177	FALSE
0,081	0,293	0,003	0,011	0,114	FALSE
0,099	0,282	0,002	0,008	0,110	FALSE
-0,077	0,304	-0,001	0,007	0,049	FALSE
0,065	0,301	0,002	0,008	0,093	FALSE
0,098	0,270	0,000	0,012	0,004	FALSE
-0,158	0,278	-0,005	0,010	0,209	FALSE
0,251	0,274	0,010	0,013	0,345	FALSE
0,032	0,283	0,001	0,009	0,039	FALSE
-0,149	0,286	-0,005	0,010	0,209	FALSE
-0,173	0,276	-0,004	0,009	0,210	FALSE
0,141	0,294	0,006	0,016	0,162	FALSE
0,062	0,286	0,001	0,014	0,033	FALSE
0,042	0,276	-0,001	0,015	0,034	FALSE
0,046	0,289	0,000	0,010	0,016	FALSE
-0,049	0,287	-0,001	0,009	0,048	FALSE
0,170	0,284	0,003	0,008	0,151	FALSE
-0,047	0,291	-0,001	0,008	0,066	FALSE

0,003	0,293	0,001	0,008	0,038	FALSE
-0,030	0,290	0,000	0,007	0,019	FALSE
-0,020	0,303	-0,001	0,007	0,049	FALSE
0,033	0,295	0,000	0,013	0,002	FALSE
-0,017	0,288	0,001	0,011	0,031	FALSE
0,110	0,288	0,003	0,011	0,102	FALSE
-0,075	0,296	-0,004	0,010	0,139	FALSE
-0,076	0,289	-0,004	0,010	0,138	FALSE
0,080	0,271	-0,001	0,011	0,024	FALSE
-0,095	0,290	-0,002	0,011	0,058	FALSE
-0,117	0,285	-0,002	0,011	0,076	FALSE
-0,103	0,277	-0,002	0,011	0,065	FALSE
-0,083	0,285	-0,002	0,009	0,064	FALSE
-0,016	0,289	0,002	0,015	0,054	FALSE
-0,031	0,285	0,000	0,008	0,019	FALSE
-0,104	0,289	-0,002	0,008	0,076	FALSE
-0,014	0,284	-0,002	0,008	0,108	FALSE
-0,055	0,277	-0,002	0,009	0,101	FALSE
-0,038	0,283	-0,004	0,013	0,112	FALSE
0,028	0,284	0,001	0,007	0,044	FALSE
-0,055	0,284	-0,004	0,015	0,107	FALSE
0,090	0,272	0,006	0,014	0,186	FALSE
-0,026	0,291	0,000	0,008	0,022	FALSE
0,029	0,291	0,003	0,014	0,081	FALSE
-0,054	0,291	-0,002	0,009	0,091	FALSE
-0,045	0,295	-0,001	0,015	0,033	FALSE
-0,062	0,301	-0,004	0,016	0,092	FALSE
-0,111	0,290	-0,001	0,008	0,059	FALSE
0,055	0,270	0,000	0,007	0,022	FALSE
-0,100	0,291	-0,004	0,012	0,110	FALSE
-0,049	0,298	-0,003	0,014	0,082	FALSE
-0,090	0,298	-0,005	0,016	0,131	FALSE
0,068	0,284	0,000	0,012	0,012	FALSE
-0,042	0,293	0,001	0,011	0,022	FALSE
-0,078	0,283	-0,001	0,008	0,043	FALSE
-0,062	0,295	-0,001	0,009	0,032	FALSE
0,013	0,291	0,003	0,010	0,133	FALSE
-0,106	0,294	-0,003	0,009	0,146	FALSE
0,009	0,287	-0,001	0,009	0,042	FALSE
0,067	0,287	0,001	0,008	0,065	FALSE
0,052	0,291	0,001	0,010	0,047	FALSE
-0,013	0,282	0,000	0,007	0,003	FALSE
0,099	0,285	0,002	0,008	0,124	FALSE
-0,179	0,265	-0,007	0,014	0,202	FALSE
0,168	0,281	0,009	0,014	0,268	FALSE
0,120	0,284	0,007	0,011	0,279	FALSE
0,063	0,293	0,003	0,011	0,091	FALSE
0,009	0,293	0,001	0,008	0,063	FALSE
-0,228	0,260	-0,011	0,014	0,351	FALSE
-0,011	0,275	0,000	0,009	0,008	FALSE
-0,118	0,292	-0,005	0,012	0,149	FALSE
-0,041	0,291	-0,004	0,015	0,094	FALSE
0,151	0,292	0,006	0,012	0,190	FALSE

-0,081	0,282	-0,003	0,009	0,141	FALSE
-0,078	0,282	-0,002	0,010	0,076	FALSE
-0,210	0,272	-0,004	0,008	0,225	FALSE
-0,031	0,286	-0,001	0,009	0,031	FALSE
0,028	0,290	0,002	0,012	0,048	FALSE
-0,022	0,291	0,001	0,015	0,014	FALSE
0,040	0,284	0,002	0,011	0,079	FALSE
-0,090	0,284	-0,002	0,010	0,067	FALSE
0,122	0,276	0,001	0,007	0,044	FALSE
-0,098	0,293	-0,004	0,009	0,156	FALSE
0,077	0,285	0,001	0,009	0,039	FALSE
0,193	0,284	0,009	0,012	0,329	FALSE
-0,011	0,269	0,002	0,013	0,049	FALSE
-0,151	0,283	-0,003	0,010	0,100	FALSE
-0,189	0,278	-0,007	0,011	0,283	FALSE
-0,110	0,288	-0,004	0,008	0,218	FALSE
-0,065	0,286	-0,002	0,010	0,096	FALSE
0,045	0,287	0,002	0,013	0,052	FALSE
-0,098	0,282	-0,004	0,012	0,124	FALSE
-0,041	0,279	0,000	0,009	0,001	FALSE
0,148	0,278	0,003	0,007	0,209	FALSE
-0,121	0,292	-0,004	0,012	0,114	FALSE
0,013	0,297	0,000	0,009	0,008	FALSE
-0,075	0,290	-0,002	0,008	0,103	FALSE
-0,139	0,276	-0,004	0,009	0,181	FALSE
0,145	0,299	0,006	0,014	0,178	FALSE
-0,083	0,278	-0,002	0,008	0,070	FALSE
-0,058	0,282	-0,001	0,007	0,044	FALSE
-0,070	0,278	-0,002	0,008	0,089	FALSE
0,017	0,288	0,003	0,013	0,096	FALSE
0,018	0,266	-0,003	0,011	0,115	FALSE
-0,039	0,285	-0,004	0,013	0,116	FALSE
-0,020	0,288	0,001	0,010	0,033	FALSE
0,078	0,280	0,003	0,010	0,121	FALSE
0,095	0,272	0,004	0,010	0,159	FALSE
0,199	0,287	0,008	0,015	0,225	FALSE
0,001	0,290	0,003	0,014	0,090	FALSE
-0,109	0,276	-0,002	0,014	0,048	FALSE
-0,075	0,286	-0,001	0,013	0,040	FALSE
0,145	0,272	0,004	0,011	0,147	FALSE
-0,011	0,291	0,002	0,015	0,054	FALSE
-0,134	0,280	-0,007	0,015	0,197	FALSE
0,111	0,288	0,004	0,008	0,208	FALSE
-0,146	0,281	-0,004	0,012	0,135	FALSE
-0,066	0,269	-0,001	0,012	0,023	FALSE
-0,200	0,277	-0,005	0,009	0,265	FALSE
0,026	0,296	0,002	0,008	0,086	FALSE
-0,143	0,285	-0,008	0,015	0,211	FALSE
0,100	0,289	0,003	0,010	0,112	FALSE
0,125	0,286	0,004	0,010	0,146	FALSE
0,123	0,281	0,004	0,009	0,210	FALSE
0,107	0,287	0,003	0,010	0,093	FALSE
-0,028	0,298	0,000	0,008	0,002	FALSE

-0,237	0,272	-0,009	0,014	0,285	FALSE
0,121	0,286	0,003	0,007	0,152	FALSE
-0,114	0,267	-0,005	0,013	0,176	FALSE
-0,148	0,278	-0,004	0,008	0,210	FALSE
0,069	0,285	0,002	0,013	0,049	FALSE
-0,097	0,298	-0,001	0,008	0,030	FALSE
0,073	0,295	0,001	0,012	0,018	FALSE
-0,144	0,283	-0,005	0,011	0,211	FALSE
-0,076	0,286	-0,004	0,013	0,127	FALSE
-0,077	0,289	-0,004	0,012	0,126	FALSE
-0,136	0,280	-0,004	0,011	0,133	FALSE
-0,075	0,284	-0,005	0,009	0,210	FALSE
0,026	0,293	0,001	0,010	0,039	FALSE
-0,111	0,280	-0,003	0,008	0,158	FALSE
-0,078	0,294	-0,004	0,014	0,129	FALSE
-0,010	0,295	-0,002	0,014	0,049	FALSE
-0,104	0,281	-0,002	0,009	0,067	FALSE
-0,086	0,286	-0,003	0,013	0,080	FALSE
-0,014	0,282	0,000	0,008	0,010	FALSE
-0,007	0,309	0,001	0,009	0,033	FALSE
0,044	0,279	0,001	0,010	0,043	FALSE
0,061	0,299	0,003	0,015	0,065	FALSE
0,037	0,294	0,000	0,009	0,005	FALSE
-0,030	0,281	0,001	0,015	0,020	FALSE
0,007	0,282	-0,001	0,013	0,026	FALSE
-0,012	0,285	-0,002	0,014	0,039	FALSE
0,061	0,292	0,002	0,013	0,059	FALSE
-0,125	0,283	-0,003	0,011	0,108	FALSE
-0,002	0,288	-0,001	0,012	0,041	FALSE
-0,097	0,287	-0,003	0,013	0,099	FALSE
0,030	0,282	0,000	0,008	0,011	FALSE
0,151	0,296	0,003	0,010	0,126	FALSE
0,035	0,285	0,000	0,008	0,009	FALSE
-0,058	0,303	-0,001	0,009	0,030	FALSE
0,071	0,275	0,003	0,011	0,117	FALSE
0,159	0,293	0,008	0,014	0,227	FALSE
0,116	0,286	0,003	0,014	0,092	FALSE
0,099	0,279	0,003	0,013	0,087	FALSE
0,086	0,285	0,003	0,013	0,087	FALSE
0,089	0,285	0,002	0,008	0,125	FALSE
0,121	0,290	0,004	0,014	0,128	FALSE
0,023	0,295	0,002	0,009	0,074	FALSE
0,147	0,271	0,005	0,012	0,156	FALSE
0,064	0,299	0,003	0,008	0,158	FALSE
0,027	0,297	0,001	0,015	0,023	FALSE
0,051	0,278	-0,001	0,012	0,015	FALSE
0,001	0,297	0,000	0,009	0,007	FALSE
0,125	0,299	0,004	0,009	0,161	FALSE
-0,117	0,279	-0,004	0,014	0,115	FALSE
0,003	0,295	0,001	0,012	0,020	FALSE
0,236	0,283	0,008	0,010	0,351	FALSE
0,127	0,281	0,005	0,012	0,163	FALSE
0,162	0,288	0,006	0,015	0,152	FALSE

0,131	0,278	0,005	0,014	0,137	FALSE
0,188	0,271	0,006	0,011	0,247	FALSE
-0,204	0,291	-0,006	0,010	0,284	FALSE
0,064	0,268	0,000	0,015	0,011	FALSE
-0,052	0,289	-0,001	0,008	0,070	FALSE
0,020	0,278	0,001	0,011	0,033	FALSE
0,023	0,286	0,000	0,008	0,006	FALSE
0,029	0,282	0,002	0,012	0,061	FALSE
0,064	0,290	0,001	0,014	0,023	FALSE
0,056	0,285	0,000	0,013	0,008	FALSE
0,085	0,286	0,002	0,014	0,041	FALSE
0,035	0,290	0,000	0,014	0,005	FALSE
-0,027	0,302	-0,003	0,013	0,084	FALSE
0,091	0,295	0,006	0,013	0,169	FALSE
-0,259	0,263	-0,011	0,013	0,418	FALSE
-0,011	0,270	0,000	0,008	0,003	FALSE
0,056	0,291	0,001	0,014	0,025	FALSE
0,056	0,297	0,002	0,014	0,045	FALSE
0,089	0,279	0,002	0,007	0,142	FALSE
0,124	0,285	0,003	0,009	0,138	FALSE
0,064	0,282	0,005	0,014	0,156	FALSE
-0,114	0,275	-0,003	0,011	0,105	FALSE
-0,027	0,291	-0,001	0,010	0,025	FALSE
0,016	0,286	0,000	0,010	0,008	FALSE
0,110	0,294	0,002	0,010	0,079	FALSE
0,035	0,289	0,001	0,008	0,027	FALSE
-0,102	0,282	-0,004	0,008	0,205	FALSE
0,043	0,284	0,001	0,009	0,039	FALSE
-0,039	0,281	0,001	0,015	0,032	FALSE
-0,100	0,281	-0,003	0,007	0,165	FALSE
0,108	0,294	0,004	0,014	0,130	FALSE
0,103	0,291	0,003	0,010	0,131	FALSE
0,077	0,280	0,003	0,010	0,110	FALSE
0,069	0,295	0,001	0,012	0,020	FALSE
0,009	0,301	0,000	0,013	0,003	FALSE
-0,002	0,298	0,002	0,015	0,040	FALSE
0,017	0,289	0,000	0,012	0,010	FALSE
0,016	0,298	0,001	0,015	0,022	FALSE
-0,211	0,274	-0,010	0,014	0,307	FALSE
-0,037	0,288	-0,002	0,014	0,045	FALSE
-0,025	0,301	-0,001	0,014	0,027	FALSE
0,069	0,314	0,003	0,011	0,104	FALSE
-0,076	0,299	-0,002	0,015	0,047	FALSE
-0,055	0,296	-0,002	0,015	0,056	FALSE
-0,093	0,295	-0,004	0,015	0,099	FALSE
0,010	0,268	-0,001	0,009	0,026	FALSE
0,031	0,288	0,003	0,015	0,075	FALSE
0,036	0,279	0,001	0,011	0,030	FALSE
-0,012	0,287	-0,003	0,015	0,065	FALSE
-0,095	0,272	-0,001	0,007	0,028	FALSE
-0,128	0,266	-0,006	0,011	0,255	FALSE
0,041	0,277	0,003	0,013	0,087	FALSE
0,031	0,283	0,003	0,013	0,085	FALSE

-0,083	0,287	-0,004	0,011	0,124	FALSE
0,131	0,285	0,004	0,009	0,179	FALSE
0,013	0,296	0,002	0,010	0,074	FALSE
0,029	0,280	0,001	0,011	0,047	FALSE
0,005	0,281	0,000	0,015	0,010	FALSE
-0,094	0,281	-0,003	0,008	0,120	FALSE
-0,095	0,294	-0,003	0,009	0,117	FALSE
0,004	0,295	0,000	0,015	0,010	FALSE
0,036	0,288	0,001	0,010	0,017	FALSE
-0,021	0,301	0,000	0,016	0,003	FALSE
0,084	0,278	0,002	0,009	0,070	FALSE
0,008	0,290	0,001	0,008	0,062	FALSE
-0,018	0,307	0,000	0,009	0,013	FALSE
0,056	0,294	0,000	0,008	0,012	FALSE
-0,122	0,296	-0,007	0,014	0,193	FALSE
0,117	0,273	0,002	0,008	0,087	FALSE
-0,016	0,279	0,000	0,009	0,002	FALSE
0,014	0,281	0,002	0,010	0,096	FALSE
-0,023	0,294	-0,002	0,011	0,050	FALSE
0,028	0,304	0,001	0,012	0,039	FALSE
-0,149	0,282	-0,009	0,013	0,294	FALSE
0,043	0,269	0,001	0,012	0,029	FALSE
-0,007	0,287	0,000	0,008	0,013	FALSE
0,099	0,282	0,005	0,015	0,125	FALSE
0,008	0,288	0,002	0,008	0,067	FALSE
-0,062	0,284	0,000	0,007	0,022	FALSE
-0,038	0,294	0,000	0,015	0,012	FALSE
0,043	0,278	-0,001	0,014	0,026	FALSE
-0,134	0,273	-0,004	0,012	0,136	FALSE
0,064	0,291	0,002	0,009	0,075	FALSE
0,033	0,288	0,001	0,011	0,048	FALSE
-0,033	0,270	-0,001	0,012	0,035	FALSE
0,029	0,294	0,000	0,010	0,009	FALSE
-0,006	0,290	0,000	0,013	0,004	FALSE
-0,005	0,293	0,000	0,013	0,001	FALSE
-0,026	0,281	-0,001	0,013	0,014	FALSE
-0,035	0,291	0,000	0,008	0,001	FALSE
0,117	0,293	0,003	0,010	0,130	FALSE
-0,130	0,284	-0,004	0,009	0,176	FALSE
0,060	0,307	0,001	0,014	0,027	FALSE
0,094	0,287	0,004	0,014	0,099	FALSE
0,079	0,284	0,003	0,015	0,077	FALSE
0,063	0,284	0,003	0,014	0,093	FALSE
0,183	0,302	0,004	0,008	0,214	FALSE
-0,116	0,285	-0,003	0,015	0,091	FALSE
-0,011	0,287	-0,001	0,009	0,042	FALSE
0,133	0,287	0,006	0,011	0,226	FALSE
0,199	0,292	0,007	0,013	0,233	FALSE
-0,091	0,286	-0,004	0,009	0,177	FALSE
0,039	0,285	0,003	0,014	0,083	FALSE
0,015	0,299	0,001	0,014	0,025	FALSE
0,014	0,302	0,002	0,015	0,037	FALSE
-0,199	0,292	-0,008	0,013	0,286	FALSE

0,166	0,291	0,007	0,015	0,192	FALSE
0,178	0,282	0,004	0,008	0,173	FALSE
0,153	0,293	0,005	0,012	0,184	FALSE
0,138	0,286	0,005	0,011	0,200	FALSE
-0,181	0,281	-0,009	0,013	0,285	FALSE
0,208	0,282	0,007	0,010	0,314	FALSE
0,171	0,282	0,006	0,009	0,282	FALSE
0,050	0,301	0,003	0,015	0,074	FALSE
-0,127	0,297	-0,002	0,012	0,050	FALSE
-0,078	0,287	-0,001	0,008	0,038	FALSE
-0,013	0,297	-0,001	0,009	0,037	FALSE
0,027	0,295	0,001	0,009	0,050	FALSE
0,036	0,291	0,000	0,010	0,005	FALSE
-0,035	0,284	0,000	0,012	0,002	FALSE
-0,078	0,284	0,000	0,015	0,011	FALSE
-0,085	0,274	0,000	0,014	0,007	FALSE
0,287	0,267	0,011	0,014	0,359	FALSE
-0,056	0,296	-0,004	0,014	0,101	FALSE
-0,067	0,298	-0,002	0,010	0,068	FALSE
0,059	0,288	0,002	0,015	0,049	FALSE
0,131	0,291	0,006	0,015	0,174	FALSE
0,090	0,282	0,002	0,010	0,079	FALSE
-0,020	0,288	-0,001	0,009	0,048	FALSE
-0,031	0,269	-0,001	0,007	0,064	FALSE
-0,006	0,290	-0,001	0,012	0,030	FALSE
-0,085	0,275	-0,003	0,009	0,130	FALSE
-0,101	0,282	-0,002	0,009	0,097	FALSE
0,135	0,283	0,004	0,010	0,170	FALSE
-0,102	0,275	-0,002	0,008	0,110	FALSE
-0,104	0,292	-0,003	0,009	0,111	FALSE
-0,006	0,272	-0,002	0,012	0,076	FALSE
0,074	0,284	0,003	0,011	0,094	FALSE
-0,110	0,294	-0,002	0,008	0,101	FALSE
-0,061	0,271	-0,002	0,010	0,060	FALSE
-0,002	0,285	0,001	0,009	0,041	FALSE
-0,013	0,269	0,000	0,011	0,014	FALSE
-0,003	0,292	0,001	0,009	0,029	FALSE
0,040	0,293	0,000	0,013	0,004	FALSE
-0,010	0,285	0,001	0,009	0,039	FALSE
-0,025	0,283	0,000	0,014	0,006	FALSE
-0,025	0,276	0,000	0,013	0,009	FALSE
-0,070	0,281	-0,003	0,012	0,100	FALSE
0,002	0,287	0,000	0,011	0,016	FALSE
0,043	0,282	0,001	0,007	0,036	FALSE
-0,007	0,292	-0,001	0,011	0,025	FALSE
-0,045	0,295	-0,002	0,010	0,100	FALSE
0,014	0,285	-0,001	0,009	0,047	FALSE
0,000	0,276	0,000	0,012	0,009	FALSE
-0,098	0,283	-0,006	0,014	0,166	FALSE
0,061	0,291	0,002	0,008	0,113	FALSE
0,085	0,294	0,003	0,013	0,075	FALSE
0,081	0,286	0,002	0,013	0,052	FALSE
-0,013	0,286	0,000	0,014	0,005	FALSE

0,097	0,295	0,003	0,013	0,082	FALSE
-0,242	0,268	-0,010	0,014	0,304	FALSE
-0,260	0,269	-0,011	0,014	0,336	FALSE
-0,224	0,258	-0,008	0,014	0,221	FALSE
-0,062	0,291	-0,002	0,015	0,059	FALSE
0,099	0,272	0,001	0,013	0,041	FALSE
-0,216	0,260	-0,008	0,011	0,328	FALSE
0,126	0,286	0,003	0,007	0,175	FALSE
0,132	0,295	0,006	0,013	0,187	FALSE
0,097	0,282	0,005	0,012	0,149	FALSE
0,125	0,290	0,005	0,012	0,182	FALSE
0,118	0,286	0,003	0,010	0,095	FALSE
0,128	0,295	0,006	0,014	0,156	FALSE
-0,196	0,276	-0,006	0,009	0,294	FALSE
-0,020	0,286	-0,002	0,014	0,048	FALSE
-0,024	0,284	-0,002	0,008	0,108	FALSE
-0,026	0,289	-0,002	0,008	0,112	FALSE
0,043	0,272	0,003	0,014	0,067	FALSE
0,008	0,276	-0,001	0,014	0,014	FALSE
-0,004	0,284	0,001	0,015	0,034	FALSE
-0,082	0,284	-0,001	0,007	0,051	FALSE
-0,012	0,291	-0,001	0,008	0,064	FALSE
0,152	0,286	0,005	0,014	0,143	FALSE
0,080	0,287	0,002	0,009	0,075	FALSE
-0,001	0,296	-0,001	0,010	0,056	FALSE
0,007	0,276	-0,002	0,009	0,070	FALSE
0,035	0,291	-0,001	0,014	0,023	FALSE
0,094	0,286	0,002	0,010	0,073	FALSE
-0,040	0,268	-0,001	0,011	0,027	FALSE
-0,071	0,276	0,000	0,015	0,009	FALSE
0,249	0,281	0,007	0,009	0,339	FALSE
-0,100	0,293	-0,002	0,008	0,086	FALSE
-0,100	0,282	-0,002	0,008	0,103	FALSE
0,070	0,282	0,002	0,007	0,129	FALSE
-0,030	0,291	-0,001	0,009	0,027	FALSE
-0,092	0,278	-0,001	0,011	0,043	FALSE
0,083	0,288	0,003	0,007	0,164	FALSE
-0,013	0,279	-0,001	0,009	0,029	FALSE
-0,013	0,297	-0,001	0,008	0,024	FALSE
-0,183	0,266	-0,007	0,013	0,240	FALSE
0,035	0,287	0,000	0,009	0,018	FALSE
-0,087	0,296	-0,004	0,015	0,102	FALSE
-0,013	0,282	-0,001	0,012	0,035	FALSE
0,011	0,296	0,000	0,013	0,007	FALSE
0,017	0,289	-0,001	0,008	0,031	FALSE
-0,025	0,286	0,002	0,011	0,069	FALSE
0,139	0,286	0,007	0,011	0,283	FALSE
-0,247	0,277	-0,012	0,015	0,352	FALSE
0,096	0,294	0,006	0,012	0,209	FALSE
0,051	0,296	0,002	0,009	0,082	FALSE
0,095	0,288	0,003	0,009	0,107	FALSE
0,052	0,294	0,003	0,011	0,094	FALSE
0,006	0,293	0,001	0,011	0,035	FALSE

-0,185	0,279	-0,006	0,009	0,282	FALSE
0,066	0,284	0,001	0,008	0,043	FALSE
-0,182	0,279	-0,005	0,008	0,297	FALSE
-0,178	0,283	-0,009	0,015	0,257	FALSE
-0,030	0,276	-0,001	0,012	0,025	FALSE
0,031	0,287	-0,001	0,015	0,012	FALSE
0,004	0,296	0,000	0,014	0,012	FALSE
-0,036	0,297	0,001	0,009	0,043	FALSE
-0,118	0,298	-0,002	0,008	0,098	FALSE
-0,057	0,282	-0,002	0,012	0,069	FALSE
0,109	0,271	0,003	0,010	0,114	FALSE
0,107	0,275	0,003	0,008	0,157	FALSE
0,102	0,271	0,001	0,008	0,028	FALSE
0,017	0,289	0,000	0,007	0,005	FALSE
-0,062	0,281	-0,005	0,014	0,149	FALSE
0,027	0,289	-0,001	0,008	0,025	FALSE
-0,048	0,290	-0,001	0,009	0,045	FALSE
-0,008	0,284	-0,003	0,013	0,098	FALSE
0,129	0,277	0,004	0,010	0,134	FALSE
0,051	0,297	0,001	0,012	0,028	FALSE
0,025	0,279	-0,001	0,008	0,052	FALSE
-0,090	0,278	-0,003	0,008	0,164	FALSE
-0,172	0,268	-0,006	0,010	0,292	FALSE
0,072	0,298	0,002	0,014	0,055	FALSE
0,103	0,291	0,003	0,008	0,155	FALSE
0,066	0,284	0,002	0,008	0,111	FALSE
0,025	0,281	0,002	0,013	0,069	FALSE
0,028	0,283	-0,001	0,009	0,051	FALSE
-0,066	0,276	-0,005	0,013	0,139	FALSE
0,063	0,284	0,004	0,013	0,110	FALSE
0,143	0,283	0,003	0,009	0,114	FALSE
-0,106	0,291	-0,004	0,010	0,143	FALSE
-0,121	0,289	-0,004	0,009	0,156	FALSE
-0,042	0,300	-0,002	0,010	0,089	FALSE
-0,045	0,298	-0,002	0,010	0,068	FALSE
-0,041	0,282	-0,002	0,010	0,067	FALSE
-0,021	0,291	-0,003	0,015	0,065	FALSE
-0,085	0,290	-0,005	0,014	0,145	FALSE
0,133	0,294	0,004	0,013	0,117	FALSE
-0,142	0,292	-0,006	0,011	0,208	FALSE
-0,126	0,285	-0,004	0,011	0,143	FALSE
-0,002	0,286	0,001	0,013	0,025	FALSE
0,079	0,285	0,005	0,015	0,137	FALSE
0,042	0,299	0,001	0,009	0,024	FALSE
-0,120	0,285	-0,004	0,009	0,182	FALSE
-0,037	0,279	-0,003	0,013	0,095	FALSE
0,079	0,285	0,003	0,009	0,110	FALSE
-0,004	0,299	0,001	0,011	0,019	FALSE
0,161	0,280	0,002	0,007	0,126	FALSE
0,144	0,271	0,004	0,007	0,206	FALSE
-0,030	0,278	-0,002	0,011	0,087	FALSE
0,030	0,289	0,000	0,007	0,017	FALSE
-0,043	0,289	-0,002	0,015	0,047	FALSE

0,045	0,267	0,001	0,014	0,023	FALSE
-0,023	0,288	0,001	0,014	0,016	FALSE
0,001	0,298	0,002	0,015	0,045	FALSE
-0,098	0,285	-0,003	0,014	0,080	FALSE
-0,188	0,281	-0,006	0,009	0,276	FALSE
-0,009	0,296	0,001	0,014	0,024	FALSE
0,052	0,286	0,003	0,007	0,148	FALSE
0,111	0,299	0,003	0,009	0,115	FALSE
-0,071	0,292	-0,003	0,013	0,102	FALSE
-0,109	0,287	-0,002	0,008	0,091	FALSE
0,052	0,292	0,003	0,011	0,084	FALSE
0,001	0,292	-0,001	0,008	0,035	FALSE
-0,046	0,293	-0,001	0,013	0,029	FALSE
0,032	0,284	0,000	0,011	0,000	FALSE
0,006	0,273	-0,001	0,011	0,017	FALSE
0,089	0,285	0,003	0,012	0,084	FALSE
-0,070	0,288	-0,003	0,014	0,077	FALSE
0,218	0,274	0,008	0,010	0,390	FALSE
-0,108	0,288	-0,004	0,010	0,147	FALSE
-0,173	0,294	-0,005	0,014	0,129	FALSE
-0,204	0,283	-0,006	0,014	0,174	FALSE
-0,225	0,272	-0,006	0,012	0,211	FALSE
-0,215	0,269	-0,006	0,012	0,204	FALSE
-0,162	0,294	-0,004	0,011	0,136	FALSE
-0,164	0,279	-0,004	0,012	0,151	FALSE
-0,006	0,290	0,000	0,008	0,005	FALSE
-0,149	0,278	-0,004	0,011	0,129	FALSE
-0,160	0,281	-0,004	0,011	0,143	FALSE
0,062	0,298	0,001	0,008	0,057	FALSE
-0,020	0,284	-0,002	0,009	0,076	FALSE
0,048	0,284	0,003	0,011	0,113	FALSE
0,133	0,288	0,004	0,007	0,200	FALSE
-0,103	0,278	-0,002	0,008	0,127	FALSE
0,102	0,290	0,005	0,013	0,153	FALSE
0,230	0,288	0,007	0,009	0,365	FALSE
-0,060	0,281	-0,001	0,013	0,041	FALSE
-0,068	0,289	-0,002	0,015	0,055	FALSE
0,052	0,283	0,003	0,012	0,097	FALSE
-0,060	0,289	0,000	0,009	0,001	FALSE
-0,043	0,286	-0,001	0,015	0,016	FALSE
0,117	0,277	0,003	0,009	0,120	FALSE
0,033	0,297	0,001	0,014	0,031	FALSE
0,048	0,285	0,003	0,015	0,064	FALSE
-0,041	0,282	-0,001	0,011	0,034	FALSE
0,067	0,287	0,000	0,013	0,000	FALSE
-0,008	0,277	-0,005	0,015	0,124	FALSE
-0,017	0,287	-0,003	0,011	0,091	FALSE
-0,223	0,267	-0,007	0,009	0,396	FALSE
-0,158	0,274	-0,008	0,015	0,229	FALSE
0,159	0,286	0,004	0,009	0,181	FALSE
-0,035	0,293	-0,002	0,009	0,071	FALSE
-0,193	0,277	-0,009	0,014	0,294	FALSE
-0,099	0,290	-0,003	0,011	0,116	FALSE

-0,109	0,284	-0,004	0,011	0,142	FALSE
-0,016	0,284	-0,003	0,011	0,109	FALSE
-0,017	0,288	-0,001	0,008	0,037	FALSE
-0,075	0,274	-0,002	0,010	0,059	FALSE
-0,090	0,271	-0,002	0,010	0,077	FALSE
-0,064	0,269	-0,001	0,010	0,043	FALSE
-0,057	0,284	-0,002	0,015	0,053	FALSE
-0,032	0,283	-0,001	0,015	0,030	FALSE
-0,176	0,270	-0,007	0,009	0,367	FALSE
0,001	0,294	0,000	0,009	0,004	FALSE
0,005	0,285	0,001	0,009	0,056	FALSE
0,077	0,279	0,001	0,010	0,037	FALSE
0,087	0,296	0,002	0,011	0,065	FALSE
0,087	0,280	0,002	0,011	0,069	FALSE
0,094	0,280	0,002	0,010	0,084	FALSE
-0,030	0,294	0,000	0,013	0,007	FALSE
-0,101	0,280	-0,004	0,011	0,131	FALSE
0,105	0,287	0,005	0,009	0,251	FALSE
-0,089	0,268	-0,003	0,009	0,147	FALSE
-0,013	0,291	-0,001	0,010	0,040	FALSE
-0,025	0,273	-0,002	0,013	0,047	FALSE
0,055	0,269	0,002	0,011	0,075	FALSE
-0,089	0,289	-0,004	0,013	0,131	FALSE
-0,009	0,290	-0,002	0,014	0,054	FALSE
0,036	0,273	0,000	0,007	0,008	FALSE
0,037	0,284	0,001	0,012	0,021	FALSE
0,041	0,284	-0,001	0,012	0,029	FALSE
-0,059	0,287	-0,002	0,009	0,073	FALSE
0,029	0,291	0,002	0,010	0,078	FALSE
0,051	0,283	0,003	0,013	0,084	FALSE
0,016	0,271	0,000	0,014	0,010	FALSE
-0,073	0,282	-0,004	0,014	0,110	FALSE
0,129	0,281	0,007	0,014	0,213	FALSE
-0,019	0,286	0,000	0,008	0,015	FALSE
0,116	0,280	0,007	0,014	0,207	FALSE
-0,002	0,287	0,002	0,013	0,068	FALSE
0,170	0,277	0,008	0,013	0,281	FALSE
-0,108	0,265	-0,005	0,010	0,210	FALSE
-0,062	0,293	-0,003	0,013	0,076	FALSE
-0,075	0,293	-0,001	0,009	0,021	FALSE
0,023	0,293	0,000	0,012	0,007	FALSE
0,087	0,287	0,002	0,012	0,069	FALSE
-0,248	0,281	-0,011	0,013	0,397	FALSE
-0,075	0,291	-0,002	0,011	0,083	FALSE
-0,017	0,280	0,001	0,008	0,054	FALSE
-0,108	0,274	-0,002	0,008	0,081	FALSE
0,055	0,290	0,001	0,012	0,024	FALSE
-0,136	0,280	-0,003	0,008	0,144	FALSE
-0,052	0,272	-0,001	0,007	0,047	FALSE
-0,229	0,274	-0,009	0,015	0,274	FALSE
-0,198	0,283	-0,004	0,008	0,237	FALSE
0,185	0,282	0,006	0,012	0,210	FALSE
0,216	0,280	0,008	0,012	0,283	FALSE

-0,137	0,300	-0,004	0,010	0,144	FALSE
0,182	0,277	0,006	0,011	0,225	FALSE
0,032	0,291	0,001	0,010	0,048	FALSE
0,017	0,294	0,000	0,010	0,008	FALSE
-0,007	0,292	-0,001	0,015	0,019	FALSE
-0,076	0,280	-0,004	0,015	0,095	FALSE
-0,160	0,293	-0,004	0,009	0,167	FALSE
-0,054	0,299	-0,001	0,013	0,019	FALSE
-0,158	0,285	-0,004	0,009	0,178	FALSE
-0,149	0,278	-0,004	0,010	0,160	FALSE
-0,006	0,294	0,000	0,014	0,001	FALSE
0,029	0,285	0,001	0,010	0,051	FALSE
-0,004	0,279	-0,001	0,014	0,014	FALSE
0,236	0,289	0,012	0,015	0,373	FALSE
-0,144	0,273	-0,007	0,014	0,205	FALSE
-0,114	0,274	-0,001	0,007	0,045	FALSE
-0,235	0,275	-0,008	0,016	0,223	FALSE
0,103	0,273	0,001	0,009	0,058	FALSE
-0,091	0,292	-0,002	0,008	0,105	FALSE
0,007	0,289	0,001	0,015	0,027	FALSE
0,194	0,287	0,008	0,013	0,257	FALSE
0,110	0,300	0,005	0,013	0,144	FALSE
0,102	0,279	0,003	0,014	0,092	FALSE
-0,086	0,278	-0,002	0,009	0,074	FALSE
0,021	0,278	0,002	0,010	0,092	FALSE
-0,010	0,278	0,001	0,010	0,047	FALSE
-0,145	0,289	-0,004	0,014	0,123	FALSE
0,030	0,269	0,005	0,015	0,149	FALSE
0,132	0,289	0,003	0,009	0,130	FALSE
0,032	0,297	0,001	0,010	0,050	FALSE
0,068	0,281	0,004	0,012	0,121	FALSE
0,075	0,283	0,001	0,014	0,033	FALSE
0,011	0,283	0,000	0,010	0,016	FALSE
-0,021	0,287	0,000	0,009	0,020	FALSE
0,170	0,283	0,005	0,011	0,181	FALSE
0,023	0,291	0,000	0,015	0,002	FALSE
-0,036	0,289	0,001	0,009	0,026	FALSE
0,077	0,296	0,001	0,014	0,017	FALSE
-0,098	0,258	-0,004	0,013	0,128	FALSE
-0,073	0,279	-0,001	0,007	0,074	FALSE
0,047	0,292	0,001	0,010	0,028	FALSE
-0,107	0,278	-0,002	0,008	0,080	FALSE
-0,094	0,289	-0,003	0,014	0,086	FALSE
0,035	0,275	0,002	0,009	0,068	FALSE
0,070	0,298	0,002	0,009	0,101	FALSE
-0,035	0,290	0,000	0,010	0,013	FALSE
-0,007	0,290	0,001	0,013	0,025	FALSE
-0,118	0,287	-0,003	0,008	0,158	FALSE
0,090	0,288	0,003	0,009	0,149	FALSE
-0,005	0,284	-0,001	0,010	0,028	FALSE
-0,020	0,285	-0,001	0,010	0,033	FALSE
-0,150	0,286	-0,008	0,014	0,231	FALSE
-0,133	0,281	-0,002	0,009	0,108	FALSE

0,091	0,282	0,001	0,013	0,024	FALSE
0,145	0,291	0,003	0,008	0,153	FALSE
-0,049	0,266	-0,001	0,012	0,031	FALSE
0,067	0,295	0,002	0,008	0,079	FALSE
-0,103	0,280	-0,001	0,009	0,050	FALSE
-0,108	0,285	-0,003	0,011	0,093	FALSE
-0,151	0,286	-0,004	0,007	0,226	FALSE
0,012	0,277	0,000	0,008	0,014	FALSE
0,084	0,280	0,002	0,010	0,068	FALSE
0,071	0,282	0,003	0,015	0,084	FALSE
-0,019	0,267	-0,001	0,012	0,029	FALSE
-0,108	0,283	-0,005	0,013	0,141	FALSE
-0,109	0,293	-0,006	0,014	0,161	FALSE
0,052	0,290	0,002	0,010	0,081	FALSE
-0,104	0,292	-0,001	0,011	0,040	FALSE
-0,136	0,290	-0,002	0,011	0,067	FALSE
-0,121	0,285	-0,004	0,008	0,192	FALSE
0,104	0,294	0,002	0,010	0,073	FALSE
0,132	0,274	0,003	0,007	0,180	FALSE
0,237	0,283	0,006	0,008	0,328	FALSE
0,076	0,282	0,002	0,007	0,125	FALSE
0,009	0,284	0,000	0,012	0,001	FALSE
-0,040	0,290	-0,002	0,008	0,092	FALSE
-0,095	0,282	-0,005	0,012	0,154	FALSE
0,044	0,300	0,001	0,014	0,023	FALSE
0,039	0,289	0,001	0,010	0,027	FALSE
-0,172	0,284	-0,005	0,009	0,233	FALSE
0,179	0,266	0,007	0,012	0,263	FALSE
0,168	0,268	0,006	0,012	0,209	FALSE
-0,217	0,283	-0,005	0,009	0,264	FALSE
0,046	0,289	0,002	0,013	0,048	FALSE
0,016	0,288	-0,002	0,014	0,042	FALSE
-0,027	0,291	-0,002	0,009	0,075	FALSE
0,071	0,291	0,002	0,015	0,057	FALSE
-0,111	0,297	-0,004	0,010	0,171	FALSE
-0,001	0,297	0,000	0,009	0,002	FALSE
0,003	0,282	-0,001	0,014	0,014	FALSE
0,027	0,282	0,000	0,010	0,011	FALSE
-0,044	0,291	-0,002	0,014	0,055	FALSE
-0,051	0,287	-0,002	0,014	0,041	FALSE
0,074	0,279	0,003	0,012	0,108	FALSE
0,107	0,277	0,001	0,013	0,041	FALSE
-0,047	0,281	-0,001	0,014	0,018	FALSE
-0,032	0,300	0,000	0,016	0,005	FALSE
-0,034	0,284	0,000	0,015	0,000	FALSE
-0,016	0,282	0,000	0,012	0,009	FALSE
-0,083	0,294	-0,004	0,015	0,097	FALSE
-0,108	0,285	-0,004	0,014	0,117	FALSE
-0,049	0,286	-0,001	0,009	0,048	FALSE
0,144	0,274	0,005	0,014	0,155	FALSE
0,128	0,283	0,005	0,011	0,188	FALSE
-0,093	0,294	-0,006	0,016	0,161	FALSE
0,159	0,283	0,004	0,007	0,216	FALSE

0,146	0,278	0,002	0,007	0,092	FALSE
-0,014	0,285	0,000	0,012	0,002	FALSE
0,102	0,286	0,002	0,013	0,069	FALSE
-0,019	0,265	-0,001	0,009	0,051	FALSE
0,053	0,285	0,004	0,013	0,111	FALSE
0,122	0,278	0,002	0,011	0,073	FALSE
0,159	0,274	0,005	0,009	0,230	FALSE
0,071	0,290	0,001	0,013	0,019	FALSE
-0,118	0,275	-0,005	0,014	0,132	FALSE
0,043	0,276	0,004	0,012	0,131	FALSE
0,018	0,288	0,003	0,012	0,102	FALSE
0,014	0,288	0,003	0,012	0,099	FALSE
0,033	0,281	0,000	0,010	0,006	FALSE
-0,007	0,296	0,001	0,009	0,032	FALSE
0,009	0,286	0,000	0,008	0,003	FALSE
0,001	0,277	-0,004	0,014	0,103	FALSE
-0,040	0,280	0,000	0,007	0,022	FALSE
0,025	0,300	0,004	0,015	0,112	FALSE
0,104	0,286	0,008	0,015	0,250	FALSE
0,109	0,293	0,005	0,015	0,140	FALSE
-0,009	0,285	-0,003	0,012	0,089	FALSE
0,132	0,284	0,003	0,008	0,124	FALSE
0,036	0,271	0,002	0,010	0,071	FALSE
-0,036	0,290	0,000	0,009	0,017	FALSE
0,066	0,292	0,003	0,010	0,122	FALSE
-0,144	0,281	-0,005	0,013	0,152	FALSE
-0,194	0,276	-0,004	0,008	0,194	FALSE
0,047	0,279	0,002	0,015	0,041	FALSE
-0,024	0,301	-0,002	0,014	0,054	FALSE
0,001	0,283	0,001	0,014	0,033	FALSE
0,062	0,277	0,003	0,013	0,098	FALSE
-0,026	0,292	-0,002	0,009	0,076	FALSE
0,015	0,291	-0,001	0,009	0,029	FALSE
0,097	0,277	0,003	0,011	0,102	FALSE
0,159	0,295	0,005	0,008	0,284	FALSE
0,148	0,298	0,005	0,008	0,257	FALSE
0,116	0,296	0,003	0,008	0,137	FALSE
-0,023	0,282	-0,002	0,014	0,058	FALSE
0,025	0,292	0,000	0,013	0,003	FALSE
0,020	0,298	0,000	0,013	0,010	FALSE
0,062	0,280	0,002	0,014	0,043	FALSE
0,147	0,273	0,004	0,012	0,116	FALSE
-0,041	0,276	0,000	0,007	0,018	FALSE
-0,100	0,294	-0,003	0,015	0,086	FALSE
0,039	0,280	0,002	0,014	0,050	FALSE
0,036	0,276	0,001	0,014	0,014	FALSE
0,031	0,271	0,001	0,008	0,057	FALSE
0,079	0,297	0,002	0,008	0,103	FALSE
0,025	0,287	0,001	0,007	0,049	FALSE
-0,208	0,286	-0,007	0,009	0,369	FALSE
-0,164	0,281	-0,008	0,014	0,236	FALSE
0,073	0,297	0,002	0,010	0,090	FALSE
-0,139	0,274	-0,007	0,014	0,197	FALSE

0,036	0,297	0,001	0,008	0,047	FALSE
-0,016	0,289	-0,001	0,014	0,029	FALSE
0,077	0,290	0,002	0,009	0,106	FALSE
-0,076	0,290	-0,003	0,013	0,090	FALSE
-0,038	0,289	0,000	0,007	0,021	FALSE
-0,143	0,265	-0,004	0,008	0,195	FALSE
0,051	0,284	0,001	0,009	0,036	FALSE
-0,159	0,275	-0,003	0,008	0,176	FALSE
-0,011	0,278	0,000	0,014	0,003	FALSE
0,083	0,303	0,002	0,008	0,111	FALSE
0,069	0,280	0,001	0,008	0,057	FALSE
0,032	0,286	0,001	0,007	0,045	FALSE
-0,007	0,285	0,000	0,014	0,001	FALSE
-0,165	0,283	-0,005	0,008	0,293	FALSE
-0,139	0,286	-0,005	0,008	0,261	FALSE
-0,177	0,284	-0,005	0,007	0,290	FALSE
-0,163	0,286	-0,005	0,007	0,285	FALSE
0,151	0,267	0,009	0,013	0,298	FALSE
0,048	0,284	0,002	0,010	0,076	FALSE
-0,128	0,284	-0,004	0,008	0,211	FALSE
0,114	0,287	0,004	0,009	0,190	FALSE
-0,019	0,289	-0,001	0,010	0,024	FALSE
0,018	0,288	0,001	0,010	0,032	FALSE
0,013	0,281	0,000	0,010	0,014	FALSE
0,013	0,284	-0,002	0,011	0,049	FALSE
-0,041	0,295	-0,002	0,014	0,068	FALSE
-0,025	0,298	-0,001	0,008	0,053	FALSE
-0,024	0,285	-0,001	0,007	0,054	FALSE
-0,139	0,292	-0,002	0,007	0,121	FALSE
0,049	0,296	0,001	0,008	0,022	FALSE
0,103	0,298	0,003	0,007	0,143	FALSE
-0,069	0,294	-0,002	0,010	0,078	FALSE
-0,088	0,290	-0,002	0,009	0,094	FALSE
0,143	0,286	0,005	0,013	0,173	FALSE
-0,159	0,283	-0,007	0,016	0,189	FALSE
0,197	0,278	0,005	0,009	0,212	FALSE
-0,158	0,288	-0,002	0,009	0,104	FALSE
0,019	0,280	-0,001	0,008	0,042	FALSE
0,002	0,294	0,000	0,012	0,002	FALSE
0,041	0,287	0,000	0,008	0,021	FALSE
-0,022	0,268	0,000	0,009	0,012	FALSE
-0,274	0,265	-0,008	0,008	0,490	FALSE
-0,227	0,267	-0,006	0,007	0,374	FALSE
-0,161	0,258	-0,009	0,014	0,290	FALSE
-0,032	0,306	-0,001	0,012	0,018	FALSE
0,062	0,275	0,000	0,012	0,005	FALSE
0,096	0,271	0,002	0,012	0,056	FALSE
-0,107	0,279	-0,005	0,010	0,186	FALSE
0,016	0,285	-0,002	0,014	0,044	FALSE
0,012	0,291	-0,001	0,013	0,040	FALSE
-0,059	0,295	-0,003	0,011	0,104	FALSE
0,037	0,284	0,005	0,015	0,131	FALSE
-0,042	0,282	-0,003	0,013	0,101	FALSE

0,071	0,286	0,002	0,015	0,055	FALSE
0,000	0,283	0,001	0,014	0,021	FALSE
0,045	0,282	0,003	0,009	0,132	FALSE
0,088	0,297	0,002	0,009	0,079	FALSE
0,051	0,295	0,001	0,011	0,044	FALSE
0,028	0,301	0,001	0,009	0,030	FALSE
0,175	0,283	0,006	0,013	0,184	FALSE
-0,075	0,284	-0,001	0,009	0,031	FALSE
0,039	0,295	0,001	0,008	0,026	FALSE
-0,088	0,284	-0,003	0,014	0,073	FALSE
0,061	0,268	0,002	0,014	0,059	FALSE
-0,029	0,269	-0,001	0,014	0,016	FALSE
-0,123	0,288	-0,002	0,011	0,082	FALSE
-0,015	0,278	-0,001	0,007	0,081	FALSE
0,046	0,289	0,001	0,011	0,025	FALSE
0,069	0,308	0,001	0,010	0,047	FALSE
0,061	0,288	0,003	0,010	0,120	FALSE
-0,196	0,285	-0,010	0,012	0,356	FALSE
-0,071	0,308	-0,004	0,015	0,089	FALSE
0,013	0,285	-0,001	0,007	0,053	FALSE
-0,076	0,273	-0,001	0,007	0,065	FALSE
0,104	0,287	0,004	0,013	0,117	FALSE
0,101	0,284	0,003	0,013	0,094	FALSE
0,066	0,284	0,001	0,007	0,075	FALSE
-0,112	0,283	-0,004	0,010	0,178	FALSE
-0,079	0,281	-0,002	0,008	0,073	FALSE
-0,053	0,284	-0,001	0,008	0,039	FALSE
-0,023	0,295	-0,001	0,012	0,028	FALSE
0,042	0,286	-0,001	0,009	0,025	FALSE
-0,186	0,274	-0,004	0,009	0,206	FALSE
-0,028	0,276	-0,001	0,012	0,020	FALSE
-0,044	0,298	-0,001	0,011	0,018	FALSE
-0,108	0,285	-0,002	0,009	0,063	FALSE
0,104	0,280	0,002	0,011	0,056	FALSE
0,061	0,295	0,002	0,010	0,067	FALSE
0,005	0,272	0,001	0,010	0,019	FALSE
0,054	0,297	0,003	0,009	0,144	FALSE
-0,015	0,292	-0,003	0,015	0,084	FALSE
-0,002	0,285	0,000	0,014	0,005	FALSE
-0,108	0,292	-0,004	0,013	0,108	FALSE
-0,125	0,288	-0,005	0,013	0,162	FALSE
-0,142	0,287	-0,006	0,013	0,182	FALSE
-0,003	0,299	-0,001	0,014	0,014	FALSE
-0,084	0,290	-0,003	0,010	0,126	FALSE
0,126	0,286	0,001	0,009	0,049	FALSE
-0,035	0,279	-0,002	0,008	0,098	FALSE
-0,012	0,275	-0,002	0,008	0,074	FALSE
0,075	0,295	0,002	0,010	0,059	FALSE
0,062	0,284	0,001	0,009	0,029	FALSE
0,011	0,267	-0,002	0,010	0,062	FALSE
-0,084	0,275	-0,005	0,012	0,164	FALSE
0,101	0,272	0,002	0,007	0,144	FALSE
-0,227	0,264	-0,010	0,014	0,323	FALSE

0,165	0,284	0,006	0,009	0,267	FALSE
0,320	0,263	0,010	0,012	0,418	FALSE
0,304	0,267	0,010	0,012	0,394	FALSE
0,328	0,263	0,010	0,011	0,447	FALSE
-0,323	0,269	-0,018	0,014	0,659	FALSE
0,022	0,288	0,003	0,015	0,077	FALSE
0,021	0,284	0,002	0,007	0,132	FALSE
-0,050	0,295	-0,001	0,010	0,040	FALSE
0,077	0,299	0,002	0,014	0,059	FALSE
-0,070	0,278	-0,003	0,014	0,082	FALSE
0,076	0,277	0,002	0,007	0,084	FALSE
0,067	0,283	0,002	0,014	0,061	FALSE
-0,225	0,285	-0,005	0,010	0,241	FALSE
0,088	0,271	0,002	0,014	0,065	FALSE
0,145	0,289	0,003	0,011	0,107	FALSE
0,067	0,266	0,003	0,014	0,075	FALSE
-0,004	0,280	0,000	0,012	0,005	FALSE
0,036	0,287	0,002	0,016	0,048	FALSE
0,055	0,296	0,003	0,011	0,108	FALSE
-0,080	0,283	-0,002	0,009	0,062	FALSE
0,052	0,296	0,001	0,012	0,045	FALSE
-0,049	0,281	-0,002	0,008	0,092	FALSE
0,007	0,301	-0,001	0,011	0,030	FALSE
0,056	0,292	0,001	0,009	0,025	FALSE
-0,061	0,288	-0,001	0,009	0,023	FALSE
0,101	0,302	0,004	0,008	0,180	FALSE
-0,055	0,280	-0,001	0,009	0,053	FALSE
0,017	0,276	0,003	0,011	0,116	FALSE
-0,021	0,292	0,000	0,012	0,002	FALSE
0,019	0,299	0,002	0,013	0,049	FALSE
-0,045	0,279	0,000	0,013	0,001	FALSE
-0,223	0,278	-0,005	0,010	0,230	FALSE
-0,042	0,282	-0,001	0,007	0,029	FALSE
0,058	0,293	0,000	0,014	0,007	FALSE
-0,113	0,279	-0,002	0,011	0,055	FALSE
0,076	0,288	0,001	0,010	0,026	FALSE
-0,027	0,276	-0,003	0,012	0,107	FALSE
0,078	0,291	0,004	0,014	0,113	FALSE
-0,062	0,291	-0,002	0,010	0,072	FALSE
-0,012	0,287	0,000	0,014	0,003	FALSE
0,161	0,293	0,006	0,014	0,168	FALSE
0,047	0,278	0,004	0,015	0,091	FALSE
0,036	0,285	0,000	0,008	0,018	FALSE
-0,003	0,290	-0,002	0,008	0,071	FALSE
0,162	0,286	0,005	0,009	0,227	FALSE
-0,018	0,300	-0,001	0,013	0,015	FALSE
0,057	0,289	0,002	0,010	0,081	FALSE
-0,119	0,266	-0,004	0,009	0,210	FALSE
0,069	0,291	0,004	0,015	0,100	FALSE
-0,123	0,292	-0,004	0,010	0,194	FALSE
0,056	0,279	0,001	0,008	0,023	FALSE
0,075	0,282	-0,001	0,013	0,039	FALSE
0,136	0,268	0,001	0,013	0,038	FALSE

-0,026	0,280	0,001	0,012	0,021	FALSE
0,071	0,292	0,004	0,010	0,139	FALSE
-0,219	0,273	-0,006	0,008	0,329	FALSE
0,156	0,290	0,005	0,009	0,211	FALSE
0,045	0,296	0,002	0,009	0,074	FALSE
0,034	0,292	0,001	0,010	0,026	FALSE
-0,019	0,295	-0,001	0,013	0,014	FALSE
-0,042	0,295	-0,003	0,012	0,079	FALSE
-0,008	0,284	-0,001	0,011	0,049	FALSE
-0,013	0,288	0,000	0,014	0,013	FALSE
0,128	0,274	0,005	0,011	0,186	FALSE
0,013	0,286	0,001	0,007	0,069	FALSE
0,082	0,303	0,002	0,011	0,076	FALSE
0,063	0,283	0,002	0,011	0,050	FALSE
0,019	0,297	0,000	0,015	0,009	FALSE
-0,067	0,282	-0,004	0,013	0,118	FALSE
0,022	0,287	0,001	0,008	0,046	FALSE
-0,078	0,285	-0,002	0,012	0,064	FALSE
0,063	0,295	0,004	0,013	0,117	FALSE
-0,015	0,281	0,001	0,013	0,029	FALSE
-0,012	0,279	0,001	0,014	0,033	FALSE
0,000	0,282	0,002	0,013	0,061	FALSE
-0,131	0,277	-0,002	0,009	0,086	FALSE
0,007	0,275	-0,003	0,009	0,111	FALSE
-0,010	0,284	0,001	0,011	0,044	FALSE
-0,027	0,300	0,000	0,014	0,010	FALSE
0,018	0,295	0,000	0,008	0,019	FALSE
-0,075	0,289	-0,004	0,015	0,112	FALSE
0,129	0,287	0,002	0,009	0,096	FALSE
-0,007	0,276	0,000	0,013	0,013	FALSE
-0,134	0,278	-0,007	0,014	0,198	FALSE
0,284	0,276	0,011	0,013	0,421	FALSE
-0,182	0,269	-0,006	0,008	0,317	FALSE
0,017	0,296	0,001	0,013	0,017	FALSE
-0,117	0,292	-0,003	0,008	0,125	FALSE
-0,087	0,289	-0,004	0,009	0,169	FALSE
0,028	0,286	0,003	0,011	0,092	FALSE
-0,046	0,272	-0,005	0,013	0,139	FALSE
-0,057	0,277	-0,002	0,009	0,079	FALSE
-0,034	0,282	-0,001	0,008	0,032	FALSE
-0,098	0,288	-0,002	0,009	0,090	FALSE
-0,128	0,295	-0,007	0,013	0,216	FALSE
-0,109	0,275	-0,005	0,012	0,179	FALSE
-0,208	0,275	-0,005	0,009	0,274	FALSE
-0,037	0,282	-0,001	0,013	0,018	FALSE
-0,026	0,292	-0,002	0,013	0,070	FALSE
-0,002	0,292	-0,002	0,012	0,055	FALSE
-0,123	0,276	-0,002	0,009	0,083	FALSE
-0,012	0,290	0,002	0,009	0,083	FALSE
0,028	0,290	0,000	0,013	0,006	FALSE
0,024	0,291	-0,001	0,014	0,017	FALSE
0,124	0,290	0,005	0,013	0,146	FALSE
0,090	0,276	0,003	0,012	0,095	FALSE

0,002	0,292	0,000	0,007	0,010	FALSE
0,059	0,289	0,001	0,007	0,056	FALSE
0,032	0,304	0,001	0,014	0,020	FALSE
-0,028	0,288	-0,002	0,015	0,038	FALSE
-0,014	0,302	0,001	0,015	0,033	FALSE
0,076	0,279	0,004	0,013	0,106	FALSE
0,081	0,298	0,004	0,014	0,107	FALSE
-0,030	0,277	-0,001	0,013	0,036	FALSE
-0,045	0,283	-0,001	0,010	0,035	FALSE
0,054	0,268	0,004	0,014	0,095	FALSE
0,133	0,291	0,003	0,008	0,130	FALSE
-0,127	0,270	-0,008	0,015	0,238	FALSE
-0,010	0,287	-0,003	0,014	0,086	FALSE
0,039	0,296	0,001	0,010	0,019	FALSE
-0,137	0,272	-0,003	0,010	0,105	FALSE
-0,061	0,292	-0,002	0,008	0,082	FALSE
0,032	0,301	0,001	0,009	0,045	FALSE
0,001	0,289	-0,001	0,011	0,034	FALSE
-0,098	0,280	-0,003	0,012	0,109	FALSE
-0,166	0,276	-0,003	0,007	0,169	FALSE
0,034	0,292	0,002	0,011	0,075	FALSE
0,073	0,283	0,003	0,015	0,075	FALSE
0,049	0,280	0,003	0,015	0,072	FALSE
0,072	0,284	0,001	0,008	0,050	FALSE
-0,021	0,299	-0,001	0,012	0,015	FALSE
-0,108	0,291	-0,002	0,008	0,110	FALSE
-0,114	0,298	-0,004	0,008	0,197	FALSE
0,046	0,299	0,002	0,015	0,047	FALSE
-0,055	0,287	-0,003	0,009	0,107	FALSE
-0,003	0,277	-0,001	0,011	0,046	FALSE
-0,057	0,282	-0,003	0,013	0,081	FALSE
0,053	0,284	0,003	0,008	0,171	FALSE
0,036	0,281	0,001	0,012	0,016	FALSE
-0,092	0,279	-0,002	0,007	0,090	FALSE
0,014	0,292	-0,002	0,014	0,042	FALSE
-0,079	0,285	-0,003	0,014	0,087	FALSE
0,160	0,291	0,007	0,015	0,192	FALSE
0,031	0,281	0,002	0,011	0,051	FALSE
-0,033	0,288	-0,001	0,008	0,057	FALSE
-0,089	0,285	-0,003	0,012	0,110	FALSE
-0,059	0,278	-0,003	0,010	0,109	FALSE
-0,116	0,278	-0,006	0,012	0,186	FALSE
-0,031	0,288	-0,001	0,010	0,034	FALSE
-0,025	0,279	-0,001	0,013	0,029	FALSE
0,076	0,284	0,005	0,010	0,196	FALSE
0,030	0,282	0,001	0,012	0,041	FALSE
0,078	0,293	0,003	0,015	0,086	FALSE
-0,039	0,284	-0,001	0,009	0,034	FALSE
0,081	0,296	0,003	0,014	0,090	FALSE
0,118	0,280	0,005	0,009	0,262	FALSE
-0,009	0,290	-0,001	0,013	0,030	FALSE
0,080	0,287	0,002	0,009	0,071	FALSE
-0,015	0,298	0,000	0,011	0,013	FALSE

-0,083	0,291	-0,003	0,012	0,089	FALSE
-0,037	0,285	0,001	0,011	0,047	FALSE
-0,073	0,275	0,000	0,011	0,008	FALSE
0,079	0,279	0,003	0,008	0,166	FALSE
-0,097	0,284	-0,003	0,008	0,120	FALSE
0,179	0,290	0,009	0,014	0,285	FALSE
0,077	0,273	0,000	0,010	0,006	FALSE
0,164	0,300	0,007	0,013	0,242	FALSE
-0,012	0,301	0,000	0,010	0,002	FALSE
0,117	0,293	0,002	0,008	0,110	FALSE
-0,026	0,279	-0,002	0,012	0,053	FALSE
-0,120	0,270	-0,002	0,014	0,062	FALSE
-0,058	0,296	-0,002	0,008	0,090	FALSE
0,052	0,299	0,002	0,015	0,052	FALSE
-0,137	0,286	-0,004	0,012	0,146	FALSE
0,176	0,286	0,006	0,010	0,234	FALSE
-0,020	0,278	-0,004	0,012	0,115	FALSE
0,043	0,291	0,002	0,010	0,065	FALSE
-0,038	0,290	0,000	0,008	0,001	FALSE
0,035	0,294	0,001	0,007	0,072	FALSE
0,028	0,286	0,001	0,015	0,013	FALSE
0,108	0,297	0,003	0,008	0,157	FALSE
0,098	0,292	0,003	0,008	0,173	FALSE
0,031	0,295	0,001	0,012	0,014	FALSE
0,052	0,291	0,002	0,011	0,058	FALSE
0,017	0,284	0,003	0,011	0,117	FALSE
0,085	0,279	0,004	0,012	0,128	FALSE
0,094	0,285	0,003	0,014	0,095	FALSE
0,091	0,273	0,004	0,013	0,111	FALSE
0,042	0,282	0,003	0,013	0,070	FALSE
0,005	0,288	0,000	0,014	0,009	FALSE
-0,095	0,288	-0,003	0,007	0,156	FALSE
0,054	0,293	0,000	0,014	0,007	FALSE
-0,099	0,276	-0,004	0,009	0,193	FALSE
0,105	0,289	0,001	0,007	0,030	FALSE
0,022	0,289	0,000	0,009	0,009	FALSE
-0,027	0,274	0,000	0,007	0,012	FALSE
-0,127	0,280	-0,004	0,009	0,161	FALSE
0,031	0,296	0,001	0,008	0,031	FALSE
0,067	0,284	0,003	0,009	0,133	FALSE
0,146	0,282	0,006	0,011	0,200	FALSE
0,079	0,294	0,002	0,015	0,057	FALSE
0,068	0,293	0,002	0,014	0,057	FALSE
0,009	0,273	0,000	0,009	0,007	FALSE
0,075	0,280	0,002	0,010	0,081	FALSE
-0,042	0,275	-0,001	0,012	0,041	FALSE
0,049	0,283	0,000	0,014	0,005	FALSE
-0,045	0,287	-0,001	0,007	0,053	FALSE
-0,145	0,277	-0,003	0,007	0,179	FALSE
-0,074	0,280	-0,002	0,014	0,038	FALSE
0,038	0,280	0,000	0,012	0,006	FALSE
-0,043	0,282	-0,003	0,010	0,098	FALSE
0,070	0,298	0,005	0,014	0,125	FALSE

-0,019	0,291	-0,001	0,010	0,034	FALSE
-0,057	0,295	-0,001	0,014	0,022	FALSE
-0,137	0,276	-0,004	0,007	0,262	FALSE
-0,072	0,277	-0,002	0,015	0,057	FALSE
0,059	0,304	0,000	0,009	0,017	FALSE
-0,105	0,279	-0,002	0,008	0,076	FALSE
-0,089	0,287	-0,002	0,009	0,089	FALSE
-0,036	0,287	0,000	0,009	0,019	FALSE
0,025	0,295	0,001	0,008	0,054	FALSE
0,087	0,279	0,001	0,015	0,026	FALSE
-0,022	0,284	-0,001	0,010	0,050	FALSE
0,077	0,299	0,002	0,009	0,086	FALSE
0,013	0,285	0,000	0,013	0,005	FALSE
0,077	0,288	0,003	0,010	0,135	FALSE
0,112	0,272	0,004	0,013	0,122	FALSE
0,073	0,295	0,001	0,014	0,012	FALSE
0,074	0,297	0,002	0,015	0,061	FALSE
0,030	0,282	0,002	0,015	0,047	FALSE
-0,066	0,290	-0,003	0,012	0,107	FALSE
-0,010	0,299	-0,001	0,015	0,014	FALSE
0,055	0,290	0,002	0,015	0,054	FALSE
-0,001	0,272	-0,003	0,011	0,092	FALSE
0,094	0,306	0,003	0,014	0,095	FALSE
0,207	0,280	0,004	0,008	0,227	FALSE
0,010	0,278	0,000	0,010	0,004	FALSE
0,154	0,274	0,003	0,009	0,114	FALSE
0,002	0,285	0,002	0,014	0,052	FALSE
0,057	0,280	0,002	0,015	0,039	FALSE
0,060	0,289	0,001	0,015	0,034	FALSE
0,199	0,276	0,004	0,007	0,215	FALSE
-0,216	0,272	-0,009	0,015	0,253	FALSE
0,011	0,279	0,000	0,009	0,010	FALSE
-0,191	0,295	-0,009	0,015	0,278	FALSE
-0,054	0,294	-0,001	0,009	0,026	FALSE
0,018	0,281	0,001	0,009	0,026	FALSE
-0,062	0,298	-0,003	0,014	0,075	FALSE
-0,044	0,288	-0,003	0,013	0,096	FALSE
0,169	0,279	0,004	0,008	0,192	FALSE
0,035	0,277	0,001	0,014	0,022	FALSE
-0,016	0,273	-0,001	0,014	0,024	FALSE
-0,169	0,286	-0,005	0,014	0,146	FALSE
0,134	0,291	0,003	0,009	0,120	FALSE
0,108	0,292	0,004	0,009	0,201	FALSE
0,103	0,293	0,003	0,008	0,153	FALSE
0,147	0,285	0,006	0,008	0,289	FALSE
0,052	0,282	0,007	0,015	0,209	FALSE
0,023	0,286	0,005	0,014	0,138	FALSE
-0,030	0,285	0,001	0,011	0,041	FALSE
0,010	0,288	0,003	0,010	0,100	FALSE
0,225	0,285	0,005	0,007	0,313	FALSE
-0,041	0,278	0,000	0,011	0,008	FALSE
-0,020	0,292	0,000	0,011	0,014	FALSE
-0,106	0,281	-0,004	0,009	0,174	FALSE

-0,098	0,288	-0,002	0,013	0,045	FALSE
0,013	0,273	-0,003	0,013	0,098	FALSE
0,183	0,289	0,006	0,011	0,234	FALSE
0,009	0,294	-0,002	0,014	0,054	FALSE
-0,195	0,271	-0,006	0,009	0,287	FALSE
-0,151	0,278	-0,005	0,015	0,128	FALSE
0,065	0,282	0,002	0,008	0,072	FALSE
-0,027	0,308	-0,003	0,015	0,084	FALSE
0,057	0,285	0,002	0,009	0,062	FALSE
0,045	0,291	0,002	0,013	0,048	FALSE
0,065	0,298	0,003	0,013	0,073	FALSE
0,031	0,284	0,001	0,012	0,038	FALSE
0,054	0,292	0,004	0,011	0,152	FALSE
0,004	0,286	0,001	0,010	0,032	FALSE
-0,115	0,271	-0,002	0,007	0,131	FALSE
-0,021	0,278	0,000	0,014	0,012	FALSE
-0,104	0,278	-0,003	0,014	0,071	FALSE
-0,086	0,279	-0,001	0,007	0,045	FALSE
0,136	0,263	0,004	0,011	0,124	FALSE
-0,126	0,300	-0,005	0,013	0,157	FALSE
-0,071	0,298	-0,002	0,012	0,057	FALSE
-0,031	0,283	-0,001	0,012	0,032	FALSE
0,061	0,279	0,005	0,012	0,155	FALSE
-0,014	0,291	-0,001	0,012	0,039	FALSE
-0,169	0,293	-0,004	0,011	0,166	FALSE
0,059	0,277	0,002	0,012	0,054	FALSE
-0,196	0,277	-0,006	0,009	0,286	FALSE
0,094	0,289	0,004	0,014	0,109	FALSE
0,110	0,300	0,004	0,014	0,109	FALSE
0,258	0,271	0,010	0,012	0,395	FALSE
0,196	0,278	0,004	0,008	0,219	FALSE
-0,153	0,289	-0,003	0,013	0,100	FALSE
-0,085	0,286	0,000	0,012	0,006	FALSE
0,216	0,274	0,006	0,012	0,202	FALSE
0,173	0,260	0,004	0,008	0,226	FALSE
0,144	0,255	0,004	0,009	0,169	FALSE
0,057	0,278	0,003	0,014	0,077	FALSE
0,030	0,296	-0,001	0,011	0,023	FALSE
0,076	0,282	0,001	0,013	0,019	FALSE
0,046	0,283	0,000	0,011	0,009	FALSE
0,021	0,294	-0,001	0,011	0,021	FALSE
0,013	0,297	-0,001	0,012	0,038	FALSE
0,037	0,298	-0,001	0,012	0,017	FALSE
0,017	0,296	-0,001	0,012	0,035	FALSE
0,032	0,290	-0,001	0,011	0,031	FALSE
-0,122	0,271	-0,004	0,014	0,110	FALSE
-0,062	0,275	-0,001	0,007	0,056	FALSE
-0,094	0,293	-0,002	0,008	0,097	FALSE
-0,062	0,288	-0,002	0,009	0,069	FALSE
-0,023	0,281	0,000	0,009	0,018	FALSE
-0,047	0,287	-0,001	0,008	0,024	FALSE
-0,038	0,272	-0,001	0,009	0,044	FALSE
-0,104	0,287	-0,002	0,008	0,100	FALSE

-0,093	0,287	-0,001	0,007	0,068	FALSE
0,102	0,291	0,003	0,008	0,142	FALSE
-0,121	0,287	-0,002	0,009	0,069	FALSE
-0,159	0,268	-0,006	0,014	0,157	FALSE
0,030	0,289	0,003	0,011	0,086	FALSE
0,159	0,268	0,001	0,011	0,048	FALSE
-0,152	0,294	-0,005	0,013	0,168	FALSE
0,052	0,284	-0,002	0,011	0,052	FALSE
-0,002	0,272	-0,004	0,011	0,127	FALSE
-0,025	0,288	0,001	0,014	0,018	FALSE
0,108	0,279	0,002	0,011	0,056	FALSE
0,023	0,279	0,000	0,014	0,006	FALSE
0,001	0,289	0,003	0,015	0,063	FALSE
-0,020	0,299	0,002	0,015	0,038	FALSE
0,029	0,298	0,004	0,015	0,092	FALSE
-0,023	0,294	0,000	0,008	0,009	FALSE
-0,033	0,290	0,000	0,008	0,004	FALSE
0,142	0,272	0,006	0,012	0,210	FALSE
-0,017	0,291	-0,003	0,013	0,076	FALSE
0,100	0,310	0,004	0,009	0,157	FALSE
-0,031	0,302	0,000	0,008	0,008	FALSE
-0,126	0,292	-0,005	0,013	0,134	FALSE
-0,080	0,278	-0,001	0,009	0,058	FALSE
-0,091	0,279	-0,002	0,009	0,069	FALSE
-0,011	0,299	-0,001	0,011	0,040	FALSE
-0,047	0,289	-0,002	0,014	0,061	FALSE
-0,120	0,292	-0,005	0,012	0,175	FALSE
0,107	0,296	0,004	0,008	0,203	FALSE
-0,133	0,296	-0,003	0,009	0,117	FALSE
-0,041	0,294	-0,002	0,008	0,095	FALSE
-0,008	0,287	-0,002	0,012	0,061	FALSE
0,101	0,281	0,002	0,009	0,110	FALSE
0,131	0,269	0,003	0,014	0,081	FALSE
0,070	0,273	0,002	0,008	0,098	FALSE
-0,129	0,278	-0,005	0,014	0,123	FALSE
-0,066	0,279	-0,001	0,008	0,030	FALSE
0,017	0,279	0,001	0,014	0,019	FALSE
-0,033	0,297	-0,002	0,010	0,072	FALSE
-0,122	0,299	-0,004	0,010	0,150	FALSE
0,057	0,298	0,001	0,009	0,052	FALSE
-0,017	0,292	-0,002	0,014	0,054	FALSE
-0,027	0,281	-0,003	0,013	0,093	FALSE
0,169	0,288	0,004	0,010	0,148	FALSE
0,146	0,286	0,005	0,015	0,122	FALSE
-0,080	0,299	-0,003	0,014	0,076	FALSE
-0,026	0,281	-0,001	0,007	0,033	FALSE
-0,050	0,288	-0,001	0,011	0,045	FALSE
-0,068	0,292	-0,002	0,008	0,103	FALSE
0,017	0,285	0,002	0,012	0,051	FALSE
0,030	0,290	0,000	0,009	0,017	FALSE
0,134	0,298	0,004	0,015	0,094	FALSE
0,045	0,287	0,002	0,012	0,048	FALSE
0,058	0,283	0,002	0,012	0,064	FALSE

0,088	0,295	0,003	0,012	0,105	FALSE
0,021	0,295	0,000	0,011	0,003	FALSE
0,114	0,288	0,001	0,010	0,026	FALSE
-0,052	0,283	-0,001	0,015	0,020	FALSE
-0,061	0,294	0,000	0,011	0,015	FALSE
-0,008	0,296	0,000	0,008	0,005	FALSE
0,055	0,287	0,001	0,012	0,040	FALSE
0,126	0,292	0,007	0,014	0,193	FALSE
0,014	0,297	-0,001	0,014	0,014	FALSE
0,003	0,291	0,000	0,009	0,009	FALSE
0,003	0,287	0,000	0,008	0,016	FALSE
-0,077	0,296	-0,002	0,008	0,118	FALSE
0,088	0,284	0,004	0,015	0,094	FALSE
0,087	0,290	0,003	0,010	0,115	FALSE
0,148	0,285	0,007	0,013	0,205	FALSE
-0,163	0,285	-0,006	0,012	0,199	FALSE
-0,090	0,296	-0,004	0,015	0,120	FALSE
0,110	0,306	0,004	0,010	0,145	FALSE
0,015	0,282	-0,001	0,007	0,032	FALSE
-0,070	0,292	-0,002	0,008	0,105	FALSE
-0,019	0,287	-0,001	0,011	0,024	FALSE
-0,130	0,274	-0,005	0,009	0,238	FALSE
-0,053	0,277	-0,002	0,010	0,066	FALSE
0,126	0,292	0,005	0,010	0,188	FALSE
0,188	0,283	0,007	0,010	0,321	FALSE
0,059	0,288	0,001	0,007	0,073	FALSE
-0,078	0,280	-0,001	0,009	0,049	FALSE
-0,240	0,274	-0,006	0,007	0,379	FALSE
-0,077	0,298	0,000	0,010	0,005	FALSE
-0,097	0,278	-0,003	0,009	0,137	FALSE
0,035	0,304	0,003	0,010	0,103	FALSE
-0,111	0,274	-0,004	0,011	0,166	FALSE
0,055	0,292	0,001	0,011	0,041	FALSE
0,051	0,290	-0,001	0,014	0,020	FALSE
0,032	0,292	0,002	0,011	0,081	FALSE
0,032	0,285	0,001	0,008	0,029	FALSE
-0,132	0,288	-0,007	0,014	0,203	FALSE
-0,007	0,313	0,000	0,010	0,013	FALSE
-0,028	0,291	0,000	0,012	0,000	FALSE
0,031	0,287	0,001	0,009	0,023	FALSE
0,213	0,277	0,005	0,009	0,212	FALSE
-0,032	0,293	0,001	0,013	0,018	FALSE
-0,024	0,287	0,000	0,007	0,021	FALSE
-0,026	0,305	-0,001	0,014	0,036	FALSE
0,028	0,280	0,001	0,013	0,038	FALSE
0,022	0,288	0,002	0,008	0,079	FALSE
0,096	0,295	0,002	0,008	0,094	FALSE
0,083	0,288	0,005	0,011	0,199	FALSE
-0,143	0,281	-0,003	0,008	0,161	FALSE
-0,028	0,289	-0,001	0,012	0,025	FALSE
-0,080	0,273	-0,004	0,012	0,139	FALSE
-0,045	0,268	0,000	0,012	0,005	FALSE
-0,084	0,285	-0,003	0,013	0,103	FALSE

0,035	0,278	0,003	0,013	0,075	FALSE
-0,103	0,286	-0,006	0,011	0,209	FALSE
0,073	0,288	0,003	0,014	0,080	FALSE
0,055	0,292	0,001	0,008	0,057	FALSE
-0,032	0,289	-0,002	0,009	0,079	FALSE
0,052	0,295	0,002	0,010	0,056	FALSE
-0,100	0,280	-0,004	0,008	0,184	FALSE
-0,122	0,289	-0,006	0,015	0,170	FALSE
0,033	0,276	0,002	0,008	0,107	FALSE
0,132	0,274	0,006	0,014	0,170	FALSE
0,182	0,291	0,004	0,009	0,167	FALSE
0,047	0,287	0,000	0,008	0,015	FALSE
-0,039	0,276	-0,001	0,010	0,048	FALSE
-0,088	0,286	-0,002	0,009	0,069	FALSE
0,014	0,290	0,001	0,009	0,021	FALSE
0,031	0,291	0,001	0,009	0,037	FALSE
0,077	0,284	0,002	0,007	0,094	FALSE
0,062	0,273	0,000	0,013	0,013	FALSE
-0,014	0,281	0,000	0,011	0,005	FALSE
-0,125	0,294	-0,004	0,013	0,130	FALSE
-0,080	0,291	-0,003	0,011	0,104	FALSE
-0,003	0,294	-0,001	0,009	0,040	FALSE
-0,022	0,268	-0,003	0,008	0,133	FALSE
0,153	0,284	0,004	0,011	0,133	FALSE
0,148	0,276	0,004	0,011	0,162	FALSE
0,170	0,281	0,006	0,012	0,197	FALSE
-0,058	0,281	-0,001	0,011	0,035	FALSE
0,067	0,265	0,002	0,014	0,041	FALSE
0,119	0,286	0,003	0,009	0,133	FALSE
-0,167	0,280	-0,009	0,014	0,281	FALSE
-0,014	0,294	-0,001	0,014	0,028	FALSE
-0,094	0,288	-0,003	0,015	0,088	FALSE
-0,100	0,304	-0,003	0,015	0,064	FALSE
-0,080	0,280	-0,001	0,009	0,036	FALSE
0,070	0,285	0,002	0,007	0,102	FALSE
0,005	0,285	0,001	0,012	0,016	FALSE
0,035	0,273	-0,001	0,015	0,015	FALSE
-0,016	0,283	-0,001	0,015	0,024	FALSE
0,058	0,288	0,002	0,011	0,066	FALSE
-0,251	0,272	-0,011	0,013	0,386	FALSE
-0,140	0,301	-0,004	0,010	0,175	FALSE
-0,055	0,280	-0,002	0,013	0,048	FALSE
-0,050	0,283	-0,002	0,014	0,057	FALSE
-0,029	0,291	-0,001	0,014	0,014	FALSE
-0,063	0,292	-0,002	0,014	0,061	FALSE
-0,043	0,278	-0,001	0,014	0,031	FALSE
0,131	0,292	0,003	0,008	0,142	FALSE
0,238	0,282	0,006	0,009	0,318	FALSE
0,216	0,283	0,007	0,009	0,361	FALSE
-0,072	0,282	-0,003	0,008	0,143	FALSE
-0,037	0,294	0,000	0,012	0,008	FALSE
-0,009	0,292	0,000	0,013	0,012	FALSE
0,086	0,293	0,006	0,015	0,154	FALSE

0,097	0,280	0,005	0,014	0,145	FALSE
0,088	0,294	0,005	0,015	0,132	FALSE
0,032	0,285	0,002	0,013	0,061	FALSE
0,110	0,303	0,004	0,011	0,150	FALSE
0,116	0,280	0,005	0,011	0,183	FALSE
-0,031	0,298	0,000	0,014	0,005	FALSE
0,167	0,292	0,004	0,010	0,142	FALSE
-0,036	0,296	-0,002	0,008	0,084	FALSE
-0,056	0,295	-0,003	0,008	0,144	FALSE
0,002	0,303	0,002	0,015	0,038	FALSE
0,120	0,290	0,004	0,008	0,207	FALSE
0,012	0,298	0,001	0,010	0,042	FALSE
-0,045	0,294	-0,001	0,009	0,046	FALSE
0,180	0,286	0,007	0,011	0,259	FALSE
-0,002	0,284	0,000	0,008	0,003	FALSE
0,113	0,284	0,005	0,012	0,175	FALSE
0,166	0,289	0,006	0,011	0,235	FALSE
0,070	0,296	0,004	0,010	0,147	FALSE
0,161	0,292	0,006	0,011	0,228	TRUE
0,189	0,283	0,007	0,010	0,311	FALSE
-0,098	0,287	-0,005	0,015	0,130	FALSE
0,007	0,291	0,000	0,013	0,002	FALSE
-0,004	0,304	0,000	0,016	0,011	FALSE
-0,049	0,294	-0,001	0,013	0,015	FALSE
-0,076	0,293	-0,002	0,013	0,069	FALSE
-0,002	0,311	-0,001	0,016	0,023	FALSE
0,002	0,294	0,000	0,014	0,001	FALSE
0,007	0,304	0,000	0,014	0,002	FALSE
-0,106	0,280	-0,003	0,010	0,133	FALSE
0,053	0,296	0,001	0,009	0,042	FALSE
0,090	0,277	0,003	0,011	0,105	FALSE
-0,088	0,275	-0,004	0,013	0,109	FALSE
0,094	0,277	0,003	0,007	0,152	FALSE
0,016	0,278	-0,001	0,011	0,018	FALSE
0,070	0,280	0,003	0,014	0,075	FALSE
-0,002	0,286	0,000	0,011	0,009	FALSE
-0,231	0,277	-0,008	0,011	0,330	FALSE
0,221	0,286	0,006	0,009	0,270	FALSE
0,024	0,290	0,004	0,013	0,107	FALSE
-0,078	0,275	-0,007	0,014	0,206	FALSE
0,189	0,268	0,008	0,012	0,297	FALSE
0,084	0,292	0,004	0,013	0,132	FALSE
-0,024	0,281	-0,002	0,010	0,075	FALSE
-0,086	0,280	-0,002	0,010	0,088	FALSE
0,003	0,286	0,002	0,010	0,074	FALSE
-0,020	0,299	0,000	0,008	0,021	FALSE
0,030	0,298	0,001	0,011	0,021	FALSE
-0,009	0,282	-0,001	0,010	0,048	FALSE
-0,016	0,285	-0,002	0,011	0,067	FALSE
0,068	0,283	0,003	0,011	0,084	FALSE
0,169	0,285	0,007	0,010	0,317	FALSE
0,009	0,288	0,002	0,011	0,065	FALSE
-0,004	0,278	-0,001	0,008	0,023	FALSE

0,002	0,285	-0,001	0,008	0,052	FALSE
-0,029	0,298	-0,001	0,008	0,054	FALSE
0,140	0,286	0,005	0,009	0,237	FALSE
-0,163	0,285	-0,004	0,007	0,213	FALSE
-0,120	0,267	-0,004	0,008	0,196	FALSE
0,094	0,275	0,002	0,008	0,070	FALSE
-0,188	0,280	-0,006	0,010	0,293	FALSE
-0,130	0,278	-0,004	0,008	0,188	FALSE
0,010	0,294	0,002	0,009	0,084	FALSE
0,016	0,287	0,000	0,008	0,015	FALSE
0,159	0,278	0,009	0,013	0,297	FALSE
0,161	0,286	0,006	0,011	0,259	FALSE
-0,150	0,290	-0,010	0,016	0,279	FALSE
0,029	0,291	0,002	0,009	0,081	FALSE
-0,036	0,282	-0,002	0,009	0,091	FALSE
-0,128	0,286	-0,004	0,009	0,170	FALSE
-0,196	0,295	-0,003	0,008	0,184	FALSE
-0,170	0,289	-0,004	0,008	0,211	FALSE
0,162	0,287	0,003	0,008	0,141	FALSE
0,012	0,308	0,000	0,008	0,007	FALSE
-0,075	0,281	0,000	0,011	0,012	FALSE
-0,007	0,296	-0,002	0,015	0,051	FALSE
0,044	0,295	0,005	0,015	0,130	FALSE
-0,067	0,289	-0,003	0,013	0,093	FALSE
-0,051	0,294	-0,002	0,014	0,046	FALSE
-0,130	0,274	-0,004	0,015	0,104	FALSE
0,124	0,277	0,006	0,012	0,217	FALSE
0,139	0,279	0,007	0,014	0,201	FALSE
0,161	0,277	0,003	0,009	0,111	FALSE
0,217	0,270	0,008	0,014	0,225	FALSE
0,071	0,289	0,000	0,009	0,005	FALSE
-0,017	0,301	-0,001	0,008	0,032	FALSE
0,045	0,299	0,001	0,015	0,026	FALSE
0,070	0,268	0,002	0,013	0,063	FALSE
0,067	0,276	0,002	0,014	0,050	FALSE
0,031	0,290	0,002	0,010	0,062	FALSE
-0,038	0,279	0,000	0,008	0,015	FALSE
-0,070	0,295	-0,003	0,012	0,086	FALSE
0,030	0,277	-0,001	0,008	0,039	FALSE
0,078	0,294	0,004	0,011	0,154	FALSE
0,065	0,282	0,003	0,011	0,125	FALSE
-0,024	0,290	-0,001	0,010	0,031	FALSE
0,044	0,261	0,000	0,007	0,020	FALSE
-0,016	0,285	-0,001	0,008	0,054	FALSE
0,006	0,296	0,002	0,011	0,052	FALSE
-0,126	0,289	-0,002	0,008	0,103	FALSE
-0,025	0,291	0,001	0,009	0,037	FALSE
0,024	0,280	0,001	0,007	0,049	FALSE
0,095	0,292	0,001	0,007	0,075	FALSE
-0,104	0,292	-0,005	0,011	0,189	FALSE
-0,196	0,285	-0,008	0,015	0,228	FALSE
0,012	0,286	0,003	0,013	0,074	FALSE
-0,008	0,308	0,001	0,013	0,032	FALSE

0,071	0,298	0,002	0,010	0,094	FALSE
-0,106	0,290	-0,007	0,015	0,199	FALSE
0,180	0,278	0,006	0,010	0,265	FALSE
-0,077	0,288	-0,003	0,010	0,110	FALSE
-0,078	0,297	-0,003	0,013	0,075	FALSE
0,178	0,273	0,007	0,014	0,201	FALSE
-0,079	0,290	-0,001	0,010	0,028	FALSE
0,075	0,278	0,002	0,012	0,061	FALSE
-0,005	0,291	0,001	0,007	0,035	FALSE
-0,014	0,265	-0,002	0,007	0,125	FALSE
0,101	0,293	0,003	0,008	0,124	FALSE
0,027	0,274	0,001	0,008	0,062	FALSE
-0,088	0,297	-0,002	0,008	0,078	FALSE
0,013	0,286	0,002	0,010	0,078	FALSE
-0,001	0,291	0,000	0,008	0,011	FALSE
0,048	0,273	-0,001	0,012	0,016	FALSE
0,081	0,296	0,002	0,008	0,086	FALSE
0,077	0,268	0,002	0,012	0,059	FALSE
0,084	0,280	0,003	0,013	0,078	FALSE
0,036	0,283	0,001	0,012	0,037	FALSE
-0,021	0,292	-0,001	0,010	0,022	FALSE
0,014	0,282	0,001	0,013	0,023	FALSE
-0,066	0,294	-0,001	0,012	0,022	FALSE
0,016	0,296	-0,001	0,015	0,027	FALSE
0,134	0,270	0,005	0,011	0,194	FALSE
0,091	0,277	0,001	0,007	0,047	FALSE
0,168	0,286	0,004	0,013	0,114	FALSE
-0,018	0,297	-0,001	0,009	0,043	FALSE
-0,152	0,289	-0,007	0,014	0,215	FALSE
0,256	0,281	0,013	0,015	0,396	FALSE
0,220	0,286	0,010	0,015	0,305	FALSE
0,167	0,284	0,006	0,011	0,257	FALSE
0,177	0,272	0,007	0,014	0,201	FALSE
0,170	0,291	0,007	0,014	0,212	FALSE
0,003	0,282	0,001	0,007	0,032	FALSE
-0,126	0,276	-0,006	0,015	0,156	FALSE
0,057	0,273	0,000	0,008	0,010	FALSE
-0,063	0,272	-0,002	0,012	0,056	FALSE
-0,124	0,280	-0,006	0,015	0,159	FALSE
-0,110	0,286	-0,005	0,015	0,116	FALSE
-0,121	0,283	-0,005	0,015	0,138	FALSE
-0,092	0,281	-0,004	0,015	0,118	FALSE
0,243	0,270	0,008	0,011	0,315	FALSE
0,154	0,284	0,006	0,010	0,256	FALSE
-0,063	0,283	-0,003	0,011	0,105	FALSE
0,135	0,282	0,005	0,010	0,207	FALSE
-0,127	0,287	-0,005	0,012	0,174	FALSE
-0,138	0,277	-0,006	0,011	0,246	FALSE
-0,032	0,289	-0,003	0,015	0,066	FALSE
0,082	0,306	0,005	0,015	0,120	FALSE
0,107	0,293	0,003	0,008	0,140	FALSE
0,002	0,302	-0,003	0,014	0,071	FALSE
0,064	0,283	0,000	0,007	0,012	FALSE

0,058	0,291	0,005	0,015	0,119	FALSE
-0,080	0,280	-0,002	0,009	0,078	FALSE
0,122	0,286	0,003	0,008	0,158	FALSE
-0,118	0,286	-0,003	0,009	0,111	FALSE
0,111	0,274	0,002	0,008	0,083	FALSE
-0,017	0,281	0,000	0,012	0,006	FALSE
-0,062	0,293	-0,001	0,008	0,044	FALSE
-0,136	0,291	-0,003	0,008	0,129	FALSE
-0,084	0,271	-0,003	0,010	0,109	FALSE
-0,097	0,281	-0,003	0,010	0,103	FALSE
0,051	0,275	0,002	0,008	0,081	FALSE
0,105	0,294	0,005	0,013	0,157	FALSE
0,013	0,281	0,001	0,008	0,028	FALSE
0,064	0,284	0,002	0,010	0,084	FALSE
0,233	0,282	0,005	0,008	0,294	FALSE
-0,133	0,274	-0,004	0,008	0,236	FALSE
0,029	0,296	0,002	0,014	0,054	FALSE
0,011	0,297	-0,001	0,014	0,024	FALSE
-0,102	0,285	-0,005	0,013	0,161	FALSE
0,114	0,291	0,002	0,008	0,110	FALSE
-0,083	0,287	0,000	0,010	0,015	FALSE
0,079	0,286	0,003	0,015	0,067	FALSE
0,136	0,280	0,003	0,012	0,104	FALSE
-0,019	0,296	-0,001	0,011	0,024	FALSE
0,148	0,271	0,004	0,012	0,117	FALSE
0,122	0,281	0,003	0,009	0,109	FALSE
-0,025	0,285	-0,002	0,014	0,043	FALSE
0,078	0,279	0,003	0,011	0,116	FALSE
0,065	0,308	0,001	0,011	0,034	FALSE
0,090	0,292	0,004	0,008	0,179	FALSE
0,056	0,283	0,001	0,007	0,074	FALSE
-0,031	0,271	-0,001	0,009	0,033	FALSE
0,081	0,283	0,001	0,008	0,059	FALSE
-0,011	0,291	0,002	0,014	0,040	FALSE
0,063	0,289	0,000	0,009	0,014	FALSE
-0,050	0,292	-0,001	0,007	0,042	FALSE
-0,036	0,280	-0,001	0,008	0,065	FALSE
-0,102	0,272	-0,004	0,014	0,108	FALSE
-0,049	0,285	-0,001	0,011	0,031	FALSE
-0,109	0,288	-0,006	0,015	0,152	FALSE
-0,057	0,292	-0,001	0,009	0,053	FALSE
-0,085	0,282	-0,002	0,009	0,102	FALSE
-0,037	0,277	0,000	0,014	0,001	FALSE
0,181	0,281	0,005	0,011	0,198	FALSE
0,170	0,280	0,008	0,014	0,250	FALSE
0,091	0,280	0,005	0,014	0,135	FALSE
-0,103	0,286	-0,003	0,010	0,109	FALSE
0,113	0,288	0,005	0,013	0,153	FALSE
0,073	0,292	0,001	0,012	0,024	FALSE
-0,125	0,276	-0,004	0,008	0,183	FALSE
-0,063	0,288	-0,001	0,007	0,026	FALSE
0,042	0,286	0,001	0,013	0,040	FALSE
0,016	0,289	0,000	0,013	0,002	FALSE

-0,042	0,289	-0,005	0,015	0,133	FALSE
-0,213	0,282	-0,007	0,010	0,327	FALSE
-0,235	0,276	-0,009	0,012	0,348	FALSE
-0,171	0,283	-0,006	0,013	0,209	FALSE
-0,114	0,298	-0,003	0,008	0,134	FALSE
-0,005	0,281	0,000	0,009	0,003	FALSE
0,021	0,283	0,001	0,009	0,020	FALSE
-0,029	0,283	-0,001	0,008	0,055	FALSE
-0,128	0,283	-0,005	0,014	0,138	FALSE
-0,011	0,298	0,001	0,015	0,025	FALSE
0,102	0,291	0,001	0,011	0,043	FALSE
0,007	0,290	0,000	0,008	0,003	FALSE
0,120	0,263	0,003	0,008	0,142	FALSE
0,128	0,288	0,007	0,014	0,215	FALSE
-0,075	0,273	-0,001	0,008	0,066	FALSE
-0,187	0,264	-0,008	0,012	0,264	FALSE
-0,015	0,288	0,000	0,008	0,020	FALSE
-0,043	0,284	-0,001	0,013	0,036	FALSE
-0,132	0,283	-0,004	0,014	0,102	FALSE
-0,014	0,296	-0,004	0,015	0,099	FALSE
0,120	0,277	0,001	0,011	0,032	FALSE
0,064	0,291	0,002	0,015	0,059	FALSE
-0,153	0,292	-0,005	0,012	0,177	FALSE
-0,008	0,282	0,000	0,009	0,013	FALSE
-0,041	0,276	-0,001	0,014	0,028	FALSE
-0,042	0,288	-0,001	0,014	0,034	FALSE
-0,027	0,293	0,000	0,014	0,011	FALSE
-0,055	0,294	-0,002	0,014	0,045	FALSE
0,063	0,280	0,002	0,008	0,087	FALSE
-0,040	0,287	0,002	0,013	0,061	FALSE
0,192	0,281	0,005	0,007	0,270	FALSE
-0,142	0,281	-0,003	0,009	0,127	FALSE
0,007	0,296	0,001	0,015	0,035	FALSE
0,001	0,290	0,001	0,015	0,026	FALSE
-0,121	0,279	-0,004	0,011	0,135	FALSE
0,095	0,277	0,003	0,011	0,104	FALSE
0,051	0,301	0,002	0,011	0,053	FALSE
0,073	0,300	0,002	0,011	0,080	FALSE
-0,079	0,274	-0,003	0,013	0,099	FALSE
-0,145	0,295	-0,008	0,014	0,227	FALSE
0,025	0,303	0,000	0,015	0,008	FALSE
-0,042	0,284	-0,001	0,008	0,033	FALSE
-0,086	0,290	-0,003	0,010	0,110	FALSE
0,031	0,287	0,003	0,010	0,119	FALSE
0,093	0,281	0,001	0,014	0,022	FALSE
0,007	0,276	0,000	0,012	0,006	FALSE
-0,012	0,291	-0,001	0,013	0,022	FALSE
0,075	0,302	0,001	0,015	0,032	FALSE
-0,079	0,293	-0,002	0,014	0,052	FALSE
-0,133	0,283	-0,004	0,014	0,100	FALSE
-0,055	0,275	-0,002	0,007	0,082	FALSE
-0,154	0,277	-0,006	0,011	0,248	FALSE
0,055	0,294	0,004	0,009	0,172	FALSE

0,006	0,275	0,000	0,008	0,005	FALSE
-0,025	0,293	0,000	0,008	0,006	FALSE
-0,145	0,285	-0,004	0,008	0,236	FALSE
0,100	0,285	0,002	0,010	0,085	FALSE
-0,175	0,270	-0,004	0,007	0,258	FALSE
-0,084	0,277	-0,003	0,008	0,142	FALSE
-0,044	0,285	-0,001	0,011	0,030	FALSE
0,043	0,298	0,001	0,014	0,038	FALSE
0,072	0,285	0,004	0,012	0,135	FALSE
0,036	0,282	0,002	0,014	0,055	FALSE
0,043	0,281	0,002	0,012	0,072	FALSE
-0,018	0,285	0,001	0,011	0,033	FALSE
-0,079	0,299	-0,003	0,010	0,123	FALSE
-0,170	0,274	-0,004	0,008	0,187	FALSE
-0,135	0,280	-0,003	0,009	0,125	FALSE
-0,104	0,297	-0,003	0,009	0,108	FALSE
-0,011	0,290	-0,001	0,012	0,033	FALSE
-0,098	0,285	-0,004	0,008	0,178	FALSE
0,061	0,284	0,001	0,008	0,055	FALSE
0,127	0,291	0,003	0,009	0,114	FALSE
-0,152	0,282	-0,007	0,014	0,214	FALSE
-0,045	0,287	0,001	0,015	0,035	FALSE
-0,072	0,295	-0,003	0,012	0,098	FALSE
0,017	0,276	0,001	0,011	0,032	FALSE
0,099	0,281	0,003	0,009	0,127	FALSE
-0,112	0,278	-0,003	0,014	0,085	FALSE
0,122	0,287	0,003	0,007	0,151	FALSE
0,088	0,292	0,003	0,014	0,093	FALSE
0,062	0,303	0,002	0,016	0,052	FALSE
0,172	0,279	0,006	0,011	0,238	FALSE
-0,018	0,292	-0,002	0,008	0,082	FALSE
0,070	0,296	0,002	0,015	0,052	FALSE
-0,133	0,299	-0,005	0,015	0,131	FALSE
-0,076	0,287	-0,002	0,008	0,105	FALSE
-0,029	0,303	-0,001	0,008	0,032	FALSE
0,099	0,283	0,003	0,010	0,101	FALSE
0,130	0,291	0,004	0,015	0,097	FALSE
0,164	0,287	0,005	0,014	0,144	FALSE
-0,032	0,288	0,000	0,008	0,018	FALSE
-0,047	0,308	-0,001	0,009	0,044	FALSE
-0,081	0,289	-0,002	0,008	0,078	FALSE
0,030	0,280	0,004	0,014	0,100	FALSE
0,059	0,291	0,003	0,013	0,090	FALSE
-0,040	0,279	-0,005	0,014	0,154	FALSE
-0,029	0,292	-0,004	0,015	0,114	FALSE
0,045	0,289	0,001	0,010	0,040	FALSE
0,052	0,290	0,005	0,015	0,128	FALSE
0,071	0,291	0,001	0,009	0,054	FALSE
-0,011	0,287	-0,001	0,013	0,020	FALSE
-0,060	0,283	0,000	0,007	0,008	FALSE
0,039	0,285	0,001	0,007	0,035	FALSE
-0,041	0,286	-0,001	0,008	0,065	FALSE
-0,089	0,299	-0,003	0,009	0,110	FALSE

-0,139	0,284	-0,005	0,014	0,143	FALSE
-0,154	0,296	-0,006	0,014	0,169	FALSE
0,168	0,285	0,007	0,010	0,309	FALSE
0,164	0,290	0,004	0,010	0,181	FALSE
0,122	0,273	0,004	0,011	0,143	FALSE
0,068	0,282	0,002	0,015	0,038	FALSE
-0,058	0,283	-0,002	0,010	0,074	FALSE
0,101	0,295	0,004	0,009	0,182	FALSE
0,003	0,294	0,002	0,012	0,055	FALSE
0,018	0,289	0,002	0,010	0,073	FALSE
-0,048	0,301	-0,001	0,011	0,021	FALSE
-0,069	0,287	-0,003	0,014	0,088	FALSE
0,027	0,284	0,003	0,014	0,068	FALSE
0,054	0,287	0,002	0,009	0,068	FALSE
0,036	0,290	0,002	0,010	0,064	FALSE
0,018	0,289	0,001	0,009	0,021	FALSE
0,040	0,279	0,000	0,010	0,002	FALSE
0,096	0,281	0,004	0,010	0,168	FALSE
0,077	0,269	0,003	0,009	0,131	FALSE
0,122	0,293	0,005	0,008	0,258	FALSE
-0,057	0,285	-0,001	0,013	0,022	FALSE
0,105	0,278	0,005	0,014	0,134	FALSE
-0,051	0,278	-0,002	0,010	0,069	FALSE
0,186	0,264	0,012	0,015	0,378	FALSE
0,143	0,287	0,004	0,008	0,190	FALSE
0,071	0,290	0,001	0,015	0,024	FALSE
0,070	0,286	0,002	0,015	0,044	FALSE
-0,057	0,282	-0,001	0,010	0,040	FALSE
-0,002	0,282	-0,002	0,011	0,068	FALSE
0,120	0,285	0,007	0,015	0,205	FALSE
0,028	0,282	0,000	0,013	0,012	FALSE
0,147	0,294	0,005	0,011	0,185	FALSE
-0,196	0,274	-0,006	0,011	0,250	FALSE
0,063	0,300	0,002	0,010	0,084	FALSE
0,008	0,284	-0,001	0,010	0,051	FALSE
-0,009	0,297	-0,002	0,011	0,062	FALSE
-0,012	0,297	-0,001	0,011	0,042	FALSE
0,171	0,284	0,004	0,008	0,228	FALSE
0,124	0,278	0,003	0,013	0,097	FALSE
0,037	0,282	0,000	0,009	0,001	FALSE
0,155	0,302	0,005	0,012	0,194	FALSE
0,153	0,293	0,006	0,012	0,200	FALSE
0,013	0,291	0,001	0,012	0,041	FALSE
0,153	0,284	0,003	0,010	0,135	FALSE
-0,080	0,290	-0,003	0,012	0,092	FALSE
0,164	0,286	0,003	0,009	0,148	FALSE
-0,122	0,292	-0,004	0,015	0,097	FALSE
0,191	0,288	0,004	0,008	0,209	FALSE
0,194	0,281	0,007	0,011	0,272	FALSE
-0,046	0,303	-0,002	0,010	0,068	FALSE
-0,026	0,292	0,000	0,009	0,017	FALSE
-0,040	0,295	0,000	0,008	0,023	FALSE
0,044	0,293	0,002	0,014	0,065	FALSE

-0,086	0,280	-0,003	0,009	0,119	FALSE
0,087	0,278	0,000	0,012	0,014	FALSE
0,081	0,301	0,004	0,010	0,172	FALSE
-0,196	0,288	-0,006	0,011	0,242	FALSE
-0,038	0,297	-0,003	0,015	0,085	FALSE
-0,053	0,265	-0,001	0,007	0,079	FALSE
0,141	0,283	0,003	0,014	0,086	FALSE
-0,075	0,286	-0,001	0,008	0,068	FALSE
-0,062	0,292	-0,001	0,008	0,052	FALSE
-0,043	0,289	-0,001	0,009	0,040	FALSE
0,055	0,296	0,002	0,011	0,051	FALSE
0,076	0,290	0,004	0,009	0,175	FALSE
0,000	0,280	0,000	0,009	0,005	FALSE
0,106	0,295	0,002	0,008	0,124	FALSE
0,100	0,270	0,001	0,007	0,044	FALSE
0,033	0,271	0,001	0,010	0,027	FALSE
0,189	0,278	0,008	0,014	0,263	FALSE
-0,123	0,291	-0,003	0,008	0,161	FALSE
-0,128	0,282	-0,005	0,011	0,171	FALSE
-0,052	0,300	-0,004	0,015	0,110	FALSE
0,067	0,283	0,001	0,014	0,032	FALSE
-0,051	0,284	-0,001	0,014	0,026	FALSE
-0,015	0,299	0,000	0,008	0,004	FALSE
-0,142	0,281	-0,004	0,008	0,201	FALSE
-0,105	0,276	-0,002	0,009	0,100	FALSE
-0,031	0,290	-0,003	0,014	0,073	FALSE
0,069	0,298	0,004	0,014	0,095	FALSE
0,060	0,299	0,005	0,015	0,126	FALSE
0,023	0,274	0,000	0,007	0,002	FALSE
-0,073	0,285	-0,001	0,009	0,046	FALSE
-0,160	0,274	-0,006	0,014	0,165	FALSE
-0,068	0,299	0,000	0,009	0,009	FALSE
-0,316	0,262	-0,012	0,011	0,588	FALSE
0,053	0,286	0,000	0,008	0,002	FALSE
-0,093	0,291	-0,006	0,015	0,149	FALSE
-0,076	0,288	-0,004	0,015	0,099	FALSE
-0,284	0,268	-0,011	0,010	0,539	FALSE
-0,307	0,259	-0,012	0,011	0,555	FALSE
-0,195	0,282	-0,008	0,014	0,229	FALSE
-0,101	0,289	-0,001	0,008	0,061	FALSE
0,039	0,301	0,002	0,014	0,041	FALSE
-0,085	0,289	-0,002	0,015	0,053	FALSE
0,059	0,295	0,002	0,009	0,075	FALSE
-0,055	0,281	-0,003	0,014	0,081	FALSE
0,070	0,278	0,002	0,009	0,111	FALSE
0,128	0,276	0,004	0,014	0,127	FALSE
0,102	0,282	0,004	0,014	0,113	FALSE
-0,082	0,274	-0,001	0,007	0,040	FALSE
-0,104	0,289	-0,004	0,013	0,111	FALSE
0,127	0,260	0,001	0,009	0,019	FALSE
-0,079	0,286	-0,001	0,012	0,032	FALSE
0,066	0,283	0,002	0,012	0,060	FALSE
-0,172	0,279	-0,003	0,007	0,190	FALSE

0,075	0,292	0,004	0,008	0,194	FALSE
0,114	0,276	0,005	0,014	0,160	FALSE
-0,070	0,284	-0,003	0,012	0,100	FALSE
0,022	0,285	0,002	0,013	0,048	FALSE
-0,200	0,273	-0,005	0,010	0,186	FALSE
-0,008	0,294	0,001	0,009	0,033	FALSE
-0,012	0,297	0,000	0,011	0,000	FALSE
0,005	0,287	-0,003	0,009	0,105	FALSE
-0,029	0,285	-0,002	0,009	0,091	FALSE
-0,136	0,270	-0,005	0,014	0,152	FALSE
-0,015	0,299	-0,003	0,015	0,085	FALSE
0,076	0,295	0,005	0,011	0,190	FALSE
0,248	0,278	0,014	0,014	0,472	FALSE
-0,027	0,286	-0,003	0,009	0,128	FALSE
0,084	0,299	0,004	0,013	0,122	FALSE
-0,065	0,286	-0,003	0,015	0,081	FALSE
-0,007	0,281	-0,002	0,014	0,043	FALSE
-0,111	0,282	-0,003	0,010	0,099	FALSE
-0,042	0,275	-0,001	0,014	0,034	FALSE
-0,038	0,282	-0,002	0,015	0,042	FALSE
0,075	0,286	0,002	0,009	0,089	FALSE
0,054	0,282	0,003	0,013	0,096	FALSE
0,071	0,289	0,002	0,012	0,075	FALSE
-0,191	0,277	-0,008	0,012	0,281	FALSE
-0,191	0,273	-0,010	0,014	0,297	FALSE
-0,159	0,260	-0,008	0,013	0,249	FALSE
-0,180	0,271	-0,009	0,014	0,290	FALSE
0,080	0,302	0,004	0,013	0,106	FALSE
0,041	0,273	0,002	0,014	0,042	FALSE
-0,070	0,289	-0,002	0,014	0,048	FALSE
-0,015	0,289	0,002	0,013	0,052	FALSE
0,002	0,300	0,001	0,014	0,030	FALSE
0,169	0,275	0,006	0,015	0,147	FALSE
0,167	0,272	0,005	0,014	0,122	FALSE
0,232	0,281	0,004	0,007	0,258	FALSE
-0,142	0,292	-0,010	0,015	0,310	FALSE
0,241	0,267	0,010	0,014	0,302	FALSE
0,013	0,291	0,001	0,010	0,041	FALSE
-0,174	0,275	-0,006	0,012	0,193	FALSE
-0,093	0,285	-0,002	0,012	0,054	FALSE
-0,014	0,289	0,002	0,014	0,043	FALSE
-0,031	0,276	-0,002	0,014	0,055	FALSE
-0,023	0,278	-0,002	0,010	0,080	FALSE
-0,148	0,282	-0,005	0,009	0,232	FALSE
0,010	0,296	0,003	0,011	0,101	FALSE
-0,208	0,282	-0,007	0,014	0,225	FALSE
0,063	0,286	0,000	0,015	0,010	FALSE
0,017	0,292	0,001	0,015	0,034	FALSE
-0,038	0,292	-0,002	0,009	0,064	FALSE
-0,113	0,275	-0,004	0,008	0,202	FALSE
-0,137	0,270	-0,007	0,014	0,200	FALSE
-0,152	0,272	-0,007	0,014	0,208	FALSE
0,006	0,287	0,003	0,010	0,119	FALSE

-0,039	0,281	-0,003	0,013	0,083	FALSE
-0,084	0,276	-0,004	0,011	0,156	FALSE
0,014	0,289	0,001	0,009	0,049	FALSE
0,189	0,273	0,007	0,015	0,204	FALSE
0,061	0,275	0,000	0,008	0,010	FALSE
0,068	0,284	0,001	0,013	0,028	FALSE
0,082	0,292	0,002	0,012	0,069	FALSE
0,083	0,277	0,002	0,007	0,131	FALSE
0,123	0,292	0,003	0,008	0,139	FALSE
0,241	0,262	0,008	0,013	0,276	FALSE
-0,122	0,288	-0,004	0,014	0,119	FALSE
-0,111	0,288	-0,004	0,015	0,092	FALSE
-0,099	0,278	-0,004	0,011	0,143	FALSE
0,151	0,279	0,004	0,011	0,133	FALSE
0,004	0,296	0,003	0,014	0,084	FALSE
-0,083	0,279	-0,003	0,007	0,146	FALSE
0,043	0,287	0,001	0,011	0,032	FALSE
-0,014	0,300	-0,002	0,013	0,046	FALSE
0,174	0,285	0,004	0,009	0,181	FALSE
0,067	0,290	0,001	0,008	0,061	FALSE
-0,173	0,279	-0,004	0,008	0,189	FALSE
-0,093	0,274	-0,005	0,014	0,158	FALSE
-0,167	0,277	-0,004	0,008	0,201	FALSE
0,041	0,287	0,001	0,012	0,034	FALSE
0,011	0,288	0,000	0,014	0,011	FALSE
0,201	0,284	0,005	0,008	0,246	FALSE
0,160	0,293	0,005	0,010	0,241	FALSE
-0,016	0,291	0,001	0,009	0,024	FALSE
0,201	0,270	0,007	0,015	0,204	FALSE
0,200	0,279	0,004	0,008	0,220	FALSE
-0,207	0,279	-0,005	0,010	0,199	FALSE
0,140	0,282	0,005	0,012	0,177	FALSE
-0,127	0,282	-0,005	0,014	0,133	FALSE
-0,097	0,290	-0,003	0,011	0,109	FALSE
0,058	0,274	0,001	0,007	0,045	FALSE
-0,052	0,290	-0,002	0,009	0,071	FALSE
-0,083	0,286	0,000	0,008	0,017	FALSE
0,002	0,291	0,000	0,008	0,020	FALSE
-0,096	0,277	-0,001	0,008	0,028	FALSE
0,029	0,281	0,001	0,009	0,039	FALSE
0,051	0,286	0,002	0,013	0,064	FALSE
0,100	0,297	0,003	0,011	0,106	FALSE
0,063	0,288	0,002	0,011	0,074	FALSE
-0,042	0,299	-0,001	0,009	0,044	FALSE
-0,109	0,275	-0,002	0,012	0,077	FALSE
-0,050	0,275	-0,002	0,007	0,089	FALSE
-0,078	0,284	-0,002	0,008	0,078	FALSE
0,073	0,286	0,002	0,009	0,063	FALSE
0,140	0,293	0,004	0,008	0,216	FALSE
-0,017	0,293	0,000	0,009	0,009	FALSE
-0,094	0,281	-0,002	0,007	0,103	FALSE
-0,050	0,289	0,000	0,010	0,004	FALSE
-0,063	0,305	-0,004	0,013	0,117	FALSE

0,004	0,287	0,003	0,015	0,082	FALSE
0,004	0,274	0,001	0,013	0,042	FALSE
0,048	0,308	0,003	0,014	0,077	FALSE
-0,093	0,288	-0,002	0,010	0,082	FALSE
-0,001	0,290	-0,002	0,007	0,096	FALSE
-0,161	0,286	-0,004	0,009	0,201	FALSE
0,042	0,300	0,001	0,013	0,017	FALSE
0,188	0,275	0,008	0,010	0,375	FALSE
-0,147	0,264	-0,004	0,011	0,154	FALSE
-0,104	0,288	-0,004	0,013	0,129	FALSE
0,086	0,302	0,003	0,010	0,130	FALSE
0,048	0,288	0,001	0,011	0,026	FALSE
-0,092	0,292	-0,003	0,008	0,152	FALSE
0,037	0,291	0,001	0,010	0,043	FALSE
-0,124	0,280	-0,003	0,008	0,143	FALSE
-0,030	0,295	-0,001	0,011	0,035	FALSE
-0,103	0,277	-0,002	0,008	0,095	FALSE
0,228	0,273	0,011	0,014	0,370	FALSE
-0,064	0,278	-0,003	0,008	0,146	FALSE
0,087	0,279	0,004	0,014	0,100	FALSE
0,034	0,285	0,001	0,015	0,022	FALSE
0,058	0,277	0,001	0,011	0,022	FALSE
0,028	0,278	0,003	0,012	0,091	FALSE
-0,138	0,289	-0,003	0,009	0,146	FALSE
0,044	0,268	-0,001	0,014	0,032	FALSE
0,121	0,272	0,003	0,015	0,078	FALSE
-0,088	0,283	-0,002	0,014	0,056	FALSE
-0,098	0,278	-0,003	0,013	0,093	FALSE
-0,048	0,292	0,000	0,014	0,000	FALSE
-0,166	0,286	-0,005	0,012	0,175	FALSE
-0,026	0,285	-0,003	0,014	0,071	FALSE
-0,081	0,294	-0,003	0,014	0,074	FALSE
-0,049	0,291	-0,001	0,013	0,028	FALSE
-0,112	0,276	-0,003	0,013	0,085	FALSE
0,112	0,277	0,004	0,013	0,114	FALSE
0,063	0,271	0,001	0,014	0,018	FALSE
0,009	0,288	0,001	0,011	0,032	FALSE
0,021	0,282	-0,002	0,014	0,042	FALSE
0,030	0,288	0,002	0,011	0,051	FALSE
-0,034	0,276	0,000	0,009	0,006	FALSE
-0,075	0,283	-0,004	0,010	0,142	FALSE
-0,073	0,292	-0,003	0,010	0,132	FALSE
-0,052	0,285	-0,003	0,010	0,120	FALSE
-0,099	0,286	-0,003	0,009	0,108	FALSE
-0,150	0,280	-0,005	0,009	0,209	FALSE
-0,020	0,282	0,000	0,009	0,000	FALSE
-0,042	0,278	0,001	0,008	0,029	FALSE
0,122	0,271	0,003	0,008	0,159	FALSE
0,081	0,280	0,002	0,011	0,058	FALSE
0,091	0,298	0,002	0,012	0,063	FALSE
0,194	0,283	0,005	0,008	0,262	FALSE
0,172	0,289	0,009	0,015	0,253	FALSE
-0,211	0,271	-0,008	0,011	0,333	FALSE

-0,189	0,286	-0,007	0,012	0,276	FALSE
-0,140	0,285	-0,006	0,012	0,195	FALSE
0,060	0,287	0,002	0,007	0,090	FALSE
-0,153	0,280	-0,003	0,011	0,094	FALSE
0,184	0,276	0,008	0,012	0,306	FALSE
-0,061	0,282	-0,004	0,015	0,108	FALSE
-0,086	0,283	-0,002	0,012	0,071	FALSE
-0,155	0,293	-0,003	0,010	0,120	FALSE
-0,046	0,293	-0,001	0,012	0,027	FALSE
-0,062	0,295	-0,001	0,013	0,023	FALSE
-0,067	0,286	-0,002	0,012	0,045	FALSE
-0,079	0,283	-0,002	0,012	0,071	FALSE
0,154	0,277	0,003	0,008	0,161	FALSE
-0,026	0,271	0,000	0,007	0,008	FALSE
0,036	0,275	0,001	0,015	0,030	FALSE
0,064	0,284	0,003	0,015	0,089	FALSE
-0,016	0,278	0,000	0,014	0,006	FALSE
0,032	0,273	0,000	0,014	0,010	FALSE
-0,129	0,297	-0,006	0,015	0,153	FALSE
0,038	0,279	0,002	0,012	0,056	FALSE
0,045	0,281	0,003	0,015	0,080	FALSE
-0,094	0,291	-0,003	0,010	0,113	FALSE
-0,039	0,282	0,001	0,008	0,044	FALSE
-0,088	0,282	-0,004	0,012	0,124	FALSE
-0,073	0,288	-0,001	0,012	0,034	FALSE
0,060	0,271	0,004	0,012	0,124	FALSE
0,024	0,290	0,001	0,010	0,038	FALSE
0,020	0,283	0,000	0,010	0,005	FALSE
0,080	0,285	0,003	0,015	0,065	FALSE
0,140	0,287	0,004	0,011	0,156	FALSE
0,164	0,280	0,002	0,008	0,117	FALSE
-0,034	0,296	-0,001	0,009	0,052	FALSE
-0,059	0,276	-0,002	0,011	0,084	FALSE
0,005	0,281	0,001	0,009	0,039	FALSE
-0,012	0,296	-0,001	0,009	0,021	FALSE
0,012	0,292	0,001	0,009	0,021	FALSE
-0,042	0,289	-0,004	0,011	0,123	FALSE
-0,054	0,289	0,000	0,010	0,004	FALSE
0,080	0,282	0,003	0,015	0,083	FALSE
-0,101	0,278	-0,004	0,015	0,118	FALSE
-0,051	0,286	-0,001	0,009	0,023	FALSE
-0,017	0,296	-0,002	0,014	0,044	FALSE
0,018	0,288	0,001	0,007	0,034	FALSE
-0,131	0,289	-0,005	0,014	0,130	FALSE
0,078	0,285	0,004	0,011	0,149	FALSE
-0,131	0,278	-0,005	0,009	0,216	FALSE
0,000	0,296	0,000	0,012	0,006	FALSE
-0,045	0,279	-0,003	0,009	0,135	FALSE
0,112	0,296	0,005	0,009	0,211	FALSE
0,053	0,287	0,004	0,014	0,125	FALSE
0,017	0,284	0,003	0,014	0,082	FALSE
-0,036	0,294	-0,003	0,013	0,085	FALSE
0,050	0,285	0,000	0,013	0,009	FALSE

0,176	0,280	0,003	0,009	0,136	FALSE
-0,042	0,284	-0,001	0,007	0,046	FALSE
0,039	0,290	0,001	0,010	0,048	FALSE
0,080	0,293	0,004	0,011	0,123	FALSE
0,012	0,278	0,000	0,012	0,002	FALSE
0,101	0,296	0,002	0,009	0,100	FALSE
-0,080	0,275	-0,006	0,014	0,167	FALSE
0,071	0,287	0,004	0,011	0,126	FALSE
-0,077	0,280	-0,004	0,013	0,121	FALSE
0,069	0,286	0,002	0,008	0,088	FALSE
-0,170	0,279	-0,007	0,013	0,232	FALSE
-0,066	0,284	-0,002	0,010	0,082	FALSE
-0,135	0,286	-0,004	0,008	0,205	FALSE
0,025	0,293	0,005	0,014	0,127	FALSE
-0,080	0,291	-0,001	0,007	0,074	FALSE
0,127	0,286	0,004	0,012	0,123	FALSE
-0,038	0,273	-0,004	0,011	0,150	FALSE
0,034	0,285	0,001	0,008	0,058	FALSE
-0,141	0,284	-0,008	0,015	0,229	FALSE
0,158	0,281	0,003	0,008	0,157	FALSE
-0,308	0,269	-0,017	0,014	0,622	FALSE
-0,261	0,263	-0,015	0,014	0,532	FALSE
0,041	0,293	0,002	0,010	0,088	FALSE
-0,050	0,281	-0,001	0,011	0,035	FALSE
0,079	0,280	0,000	0,015	0,002	FALSE
0,105	0,278	0,001	0,014	0,033	FALSE
-0,029	0,272	0,001	0,013	0,019	FALSE
-0,048	0,279	0,000	0,013	0,007	FALSE
-0,101	0,283	-0,003	0,010	0,143	FALSE
0,002	0,293	0,001	0,007	0,048	FALSE
0,152	0,280	0,006	0,013	0,186	FALSE
-0,218	0,256	-0,007	0,012	0,275	FALSE
0,068	0,287	0,002	0,011	0,086	FALSE
0,114	0,297	0,003	0,008	0,151	FALSE
0,025	0,295	0,002	0,009	0,085	FALSE
-0,033	0,285	0,000	0,007	0,013	FALSE
-0,019	0,277	-0,002	0,012	0,076	FALSE
-0,192	0,282	-0,006	0,010	0,241	FALSE
0,163	0,282	0,007	0,012	0,247	FALSE
0,016	0,286	0,001	0,008	0,062	FALSE
0,140	0,266	0,002	0,008	0,113	FALSE
0,005	0,292	-0,001	0,014	0,014	FALSE
0,005	0,301	0,000	0,015	0,008	FALSE
-0,072	0,287	-0,004	0,009	0,187	FALSE
-0,019	0,286	-0,001	0,009	0,037	FALSE
0,016	0,285	-0,002	0,010	0,085	FALSE
0,059	0,277	0,005	0,014	0,145	FALSE
0,048	0,284	0,004	0,014	0,124	FALSE
0,110	0,296	0,007	0,014	0,204	FALSE
0,049	0,291	0,003	0,014	0,095	FALSE
-0,060	0,292	-0,002	0,015	0,062	FALSE
-0,022	0,280	-0,001	0,014	0,031	FALSE
-0,110	0,285	-0,005	0,015	0,134	FALSE

0,207	0,261	0,005	0,009	0,262	FALSE
-0,082	0,301	-0,006	0,015	0,153	FALSE
0,239	0,279	0,006	0,009	0,277	FALSE
-0,179	0,279	-0,006	0,014	0,168	FALSE
0,114	0,305	0,004	0,011	0,130	FALSE
-0,029	0,282	-0,001	0,013	0,032	FALSE
-0,131	0,278	-0,006	0,014	0,169	FALSE
-0,191	0,280	-0,005	0,011	0,211	FALSE
-0,130	0,276	-0,002	0,015	0,056	FALSE
-0,110	0,272	-0,001	0,014	0,028	FALSE
0,032	0,285	0,000	0,014	0,008	FALSE
0,253	0,269	0,011	0,011	0,483	FALSE
0,013	0,277	-0,001	0,011	0,040	FALSE
-0,003	0,278	-0,002	0,011	0,077	FALSE
-0,070	0,294	-0,002	0,008	0,095	FALSE
0,246	0,280	0,009	0,011	0,420	FALSE
0,074	0,291	0,006	0,015	0,155	FALSE
-0,127	0,276	-0,004	0,009	0,218	FALSE
0,036	0,282	0,000	0,010	0,007	FALSE
0,030	0,294	0,000	0,011	0,010	FALSE
-0,018	0,293	-0,003	0,015	0,085	FALSE
-0,197	0,262	-0,004	0,007	0,235	FALSE
-0,113	0,275	-0,005	0,011	0,167	FALSE
-0,073	0,284	-0,004	0,009	0,209	FALSE
0,016	0,277	0,000	0,010	0,002	FALSE
0,139	0,298	0,004	0,008	0,218	FALSE
0,031	0,286	-0,001	0,010	0,018	FALSE
-0,025	0,285	-0,001	0,008	0,061	FALSE
-0,018	0,279	-0,002	0,009	0,066	FALSE
-0,162	0,291	-0,005	0,009	0,213	FALSE
0,062	0,276	0,002	0,010	0,079	FALSE
-0,024	0,287	0,001	0,014	0,023	FALSE
-0,098	0,293	-0,001	0,014	0,031	FALSE
-0,083	0,285	-0,002	0,013	0,066	FALSE
-0,090	0,290	-0,007	0,013	0,233	FALSE
-0,012	0,293	0,000	0,007	0,009	FALSE
-0,168	0,279	-0,010	0,014	0,318	FALSE
0,104	0,288	0,002	0,010	0,066	FALSE
0,102	0,296	0,002	0,010	0,069	FALSE
-0,078	0,284	-0,003	0,009	0,131	FALSE
-0,012	0,299	0,002	0,012	0,046	FALSE
0,040	0,297	0,002	0,011	0,064	FALSE
-0,080	0,279	-0,002	0,008	0,096	FALSE
-0,025	0,288	-0,002	0,014	0,056	FALSE
-0,077	0,297	-0,004	0,015	0,100	FALSE
-0,081	0,277	-0,002	0,010	0,075	FALSE
0,041	0,300	0,001	0,010	0,037	FALSE
0,030	0,293	0,000	0,008	0,020	FALSE
0,080	0,290	0,002	0,010	0,088	FALSE
0,083	0,292	0,004	0,013	0,120	FALSE
0,063	0,296	0,002	0,010	0,071	FALSE
-0,011	0,289	-0,001	0,013	0,035	FALSE
0,107	0,281	0,004	0,015	0,095	FALSE

0,083	0,308	0,002	0,012	0,066	FALSE
0,095	0,282	0,005	0,015	0,134	FALSE
0,064	0,280	0,000	0,013	0,012	FALSE
0,020	0,274	0,001	0,014	0,023	FALSE
-0,084	0,288	-0,001	0,009	0,041	FALSE
0,071	0,276	0,004	0,015	0,097	FALSE
0,138	0,301	0,003	0,008	0,169	FALSE
0,137	0,281	0,006	0,011	0,246	FALSE
0,200	0,274	0,007	0,011	0,260	FALSE
0,000	0,293	-0,001	0,010	0,046	FALSE
0,003	0,281	0,001	0,013	0,023	FALSE
-0,088	0,292	-0,002	0,008	0,106	FALSE
-0,059	0,281	-0,002	0,008	0,076	FALSE
-0,055	0,276	0,000	0,012	0,007	FALSE
-0,130	0,279	-0,003	0,007	0,182	FALSE
-0,124	0,283	-0,003	0,013	0,101	FALSE
-0,115	0,289	-0,005	0,011	0,196	FALSE
0,027	0,285	0,001	0,013	0,017	FALSE
-0,110	0,282	-0,005	0,014	0,126	FALSE
-0,101	0,297	-0,003	0,008	0,145	FALSE
0,042	0,268	0,002	0,013	0,054	FALSE
0,007	0,280	-0,001	0,012	0,020	FALSE
0,033	0,290	-0,001	0,011	0,034	FALSE
0,069	0,288	0,001	0,009	0,050	FALSE
-0,009	0,285	0,001	0,012	0,017	FALSE
0,033	0,284	0,001	0,010	0,050	FALSE
0,104	0,279	0,001	0,008	0,026	FALSE
-0,099	0,290	-0,003	0,013	0,096	FALSE
0,060	0,285	0,002	0,007	0,107	FALSE
-0,090	0,280	-0,003	0,008	0,135	FALSE
0,141	0,282	0,007	0,014	0,229	FALSE
0,025	0,286	-0,001	0,011	0,036	FALSE
0,119	0,289	0,005	0,016	0,116	FALSE
-0,053	0,295	-0,001	0,009	0,046	FALSE
0,100	0,281	0,005	0,012	0,189	FALSE
0,080	0,283	0,000	0,007	0,023	FALSE
-0,051	0,312	0,000	0,014	0,011	FALSE
0,054	0,285	0,004	0,015	0,106	FALSE
-0,030	0,280	-0,001	0,007	0,040	FALSE
0,035	0,292	0,001	0,014	0,013	FALSE
0,002	0,306	0,001	0,013	0,018	FALSE
-0,110	0,286	-0,004	0,011	0,140	FALSE
-0,064	0,281	-0,005	0,012	0,155	FALSE
-0,108	0,292	-0,003	0,010	0,110	FALSE
-0,046	0,290	-0,002	0,008	0,086	FALSE
0,060	0,291	0,003	0,015	0,078	FALSE
-0,093	0,281	-0,003	0,011	0,090	FALSE
-0,060	0,286	-0,002	0,008	0,095	FALSE
-0,066	0,290	-0,002	0,011	0,086	FALSE
0,188	0,286	0,005	0,008	0,237	FALSE
-0,051	0,286	-0,001	0,009	0,043	FALSE
0,000	0,300	0,001	0,009	0,024	FALSE
-0,280	0,263	-0,007	0,008	0,433	FALSE

0,012	0,293	0,000	0,008	0,009	FALSE
-0,194	0,288	-0,005	0,008	0,259	FALSE
0,209	0,271	0,007	0,011	0,297	FALSE
0,105	0,276	0,003	0,010	0,129	FALSE
0,124	0,292	0,003	0,007	0,193	FALSE
0,018	0,283	0,000	0,015	0,002	FALSE
-0,099	0,278	-0,004	0,010	0,173	FALSE
0,108	0,283	0,006	0,012	0,185	FALSE
-0,114	0,284	-0,003	0,013	0,092	FALSE
-0,127	0,281	-0,007	0,013	0,215	FALSE
-0,114	0,295	-0,003	0,010	0,130	FALSE
-0,075	0,285	-0,001	0,009	0,054	FALSE
-0,004	0,291	-0,001	0,013	0,020	FALSE
-0,066	0,291	-0,001	0,010	0,047	FALSE
-0,035	0,288	-0,002	0,015	0,050	FALSE
0,056	0,288	0,001	0,013	0,040	FALSE
-0,063	0,276	-0,004	0,009	0,184	FALSE
0,001	0,294	0,000	0,014	0,009	FALSE
-0,051	0,276	0,000	0,012	0,004	FALSE
-0,094	0,279	-0,003	0,007	0,161	FALSE
-0,213	0,271	-0,006	0,008	0,350	FALSE
-0,157	0,280	-0,004	0,008	0,230	FALSE
0,261	0,275	0,010	0,011	0,442	FALSE
0,208	0,285	0,005	0,007	0,322	FALSE
-0,004	0,280	-0,003	0,010	0,103	FALSE
-0,084	0,285	-0,003	0,009	0,132	FALSE
-0,184	0,272	-0,007	0,011	0,286	FALSE
0,037	0,284	-0,002	0,014	0,039	FALSE
-0,126	0,275	-0,005	0,014	0,156	FALSE
-0,009	0,289	0,000	0,010	0,011	FALSE
-0,100	0,279	-0,003	0,011	0,103	FALSE
0,030	0,304	0,001	0,014	0,026	FALSE
-0,061	0,296	0,000	0,007	0,010	FALSE
-0,091	0,291	-0,002	0,010	0,095	FALSE
0,053	0,303	0,002	0,010	0,074	FALSE
-0,153	0,272	-0,004	0,009	0,205	FALSE
-0,126	0,277	-0,003	0,010	0,136	FALSE
0,057	0,284	0,003	0,012	0,101	FALSE
0,074	0,268	0,003	0,009	0,111	FALSE
0,051	0,271	0,001	0,009	0,050	FALSE
-0,038	0,296	-0,004	0,015	0,094	FALSE
-0,104	0,292	-0,003	0,008	0,127	FALSE
-0,088	0,284	-0,006	0,013	0,182	FALSE
-0,075	0,305	-0,005	0,014	0,162	FALSE
-0,048	0,287	-0,001	0,007	0,050	FALSE
0,052	0,283	0,001	0,009	0,044	FALSE
-0,067	0,288	-0,004	0,011	0,125	FALSE
0,102	0,281	0,002	0,010	0,081	FALSE
0,035	0,288	0,000	0,010	0,011	FALSE
0,032	0,296	0,002	0,008	0,083	FALSE
-0,111	0,290	-0,002	0,007	0,134	FALSE
-0,011	0,305	0,000	0,009	0,009	FALSE
-0,270	0,268	-0,006	0,007	0,391	FALSE

-0,049	0,283	-0,002	0,009	0,067	FALSE
0,077	0,272	0,002	0,014	0,059	FALSE
0,128	0,289	0,003	0,007	0,144	FALSE
-0,050	0,283	-0,001	0,008	0,033	FALSE
-0,093	0,284	0,000	0,009	0,014	FALSE
-0,034	0,287	-0,003	0,011	0,110	FALSE
0,021	0,281	-0,001	0,014	0,019	FALSE
-0,165	0,274	-0,005	0,010	0,211	FALSE
-0,158	0,290	-0,004	0,007	0,237	FALSE
0,056	0,302	0,003	0,011	0,086	FALSE
-0,066	0,281	-0,004	0,014	0,117	FALSE
-0,087	0,280	-0,005	0,013	0,163	FALSE
0,105	0,290	0,004	0,012	0,135	FALSE
0,041	0,273	0,001	0,011	0,047	FALSE
-0,053	0,283	-0,004	0,014	0,098	FALSE
-0,044	0,307	0,000	0,012	0,009	FALSE
-0,017	0,291	-0,001	0,009	0,022	FALSE
-0,014	0,284	-0,001	0,009	0,026	FALSE
-0,082	0,289	-0,002	0,008	0,087	FALSE
-0,179	0,271	-0,005	0,009	0,238	FALSE
-0,203	0,266	-0,006	0,009	0,312	FALSE
-0,039	0,290	-0,002	0,013	0,058	FALSE
0,089	0,283	0,006	0,014	0,163	FALSE
-0,031	0,287	0,000	0,008	0,016	FALSE
-0,034	0,265	-0,002	0,007	0,108	FALSE
0,029	0,283	0,000	0,014	0,005	FALSE
-0,103	0,287	-0,003	0,009	0,148	FALSE
-0,090	0,281	-0,003	0,009	0,117	FALSE
-0,130	0,265	-0,003	0,008	0,125	FALSE
0,095	0,288	0,004	0,011	0,136	FALSE
-0,096	0,296	-0,004	0,014	0,095	FALSE
0,075	0,288	0,005	0,013	0,135	FALSE
0,076	0,287	0,003	0,015	0,090	FALSE
0,089	0,290	0,004	0,010	0,164	FALSE
0,146	0,287	0,007	0,015	0,200	FALSE
0,055	0,292	0,000	0,007	0,023	FALSE
-0,012	0,296	0,003	0,016	0,064	FALSE
-0,134	0,282	-0,006	0,010	0,291	FALSE
-0,050	0,284	-0,002	0,014	0,051	FALSE
0,000	0,293	0,001	0,014	0,021	FALSE
-0,011	0,288	0,000	0,014	0,000	FALSE
-0,015	0,293	0,000	0,014	0,002	FALSE
-0,062	0,287	0,000	0,015	0,006	FALSE
-0,051	0,285	-0,001	0,014	0,015	FALSE
0,127	0,272	0,001	0,009	0,058	FALSE
0,099	0,273	0,003	0,014	0,072	FALSE
-0,005	0,290	-0,001	0,013	0,027	FALSE
0,046	0,289	0,000	0,014	0,010	FALSE
-0,161	0,294	-0,006	0,011	0,244	FALSE
0,074	0,289	0,003	0,014	0,086	FALSE
-0,120	0,293	-0,008	0,015	0,229	FALSE
0,013	0,286	0,001	0,014	0,031	FALSE
-0,008	0,292	-0,001	0,011	0,026	FALSE

-0,017	0,294	-0,001	0,015	0,025	FALSE
0,115	0,295	0,004	0,012	0,120	FALSE
-0,001	0,287	0,001	0,009	0,038	FALSE
-0,038	0,283	-0,001	0,009	0,039	FALSE
-0,067	0,283	-0,005	0,014	0,151	FALSE
-0,026	0,283	0,000	0,008	0,006	FALSE
-0,038	0,279	0,001	0,011	0,046	FALSE
0,086	0,295	0,004	0,010	0,168	FALSE
-0,076	0,297	-0,006	0,015	0,157	FALSE
-0,140	0,276	-0,004	0,008	0,178	FALSE
-0,185	0,285	-0,006	0,010	0,256	FALSE
0,032	0,285	0,001	0,008	0,031	FALSE
0,140	0,286	0,006	0,013	0,181	FALSE
0,219	0,267	0,008	0,012	0,307	FALSE
0,052	0,282	0,000	0,009	0,004	FALSE
0,085	0,289	0,000	0,009	0,012	FALSE
-0,116	0,286	-0,003	0,010	0,113	FALSE
-0,085	0,293	-0,003	0,016	0,081	FALSE
0,060	0,291	0,001	0,015	0,020	FALSE
-0,027	0,300	-0,001	0,015	0,028	FALSE
0,142	0,284	0,004	0,011	0,140	FALSE
-0,001	0,296	-0,001	0,012	0,016	FALSE
0,052	0,287	0,005	0,013	0,144	FALSE
0,159	0,275	0,004	0,007	0,229	FALSE
-0,019	0,286	0,002	0,008	0,077	FALSE
0,173	0,269	0,004	0,011	0,136	FALSE
-0,024	0,294	0,001	0,012	0,029	FALSE
0,054	0,295	0,004	0,012	0,137	FALSE
0,088	0,273	0,001	0,008	0,058	FALSE
0,042	0,287	0,002	0,014	0,049	FALSE
0,079	0,288	0,004	0,014	0,104	FALSE
0,052	0,297	0,003	0,008	0,147	FALSE
0,108	0,301	0,004	0,009	0,192	FALSE
-0,241	0,265	-0,006	0,009	0,277	FALSE
-0,017	0,305	0,001	0,010	0,027	FALSE
-0,102	0,287	-0,004	0,007	0,258	FALSE
0,001	0,276	0,000	0,009	0,019	FALSE
0,129	0,282	0,006	0,009	0,273	FALSE
0,185	0,278	0,005	0,012	0,198	FALSE
0,056	0,297	0,002	0,009	0,095	FALSE
-0,153	0,278	-0,004	0,011	0,137	FALSE
-0,010	0,294	-0,003	0,011	0,098	FALSE
-0,146	0,293	-0,004	0,010	0,179	FALSE
-0,015	0,280	0,000	0,007	0,000	FALSE
0,094	0,297	0,002	0,008	0,096	FALSE
-0,024	0,293	-0,002	0,009	0,060	FALSE
-0,008	0,295	-0,001	0,010	0,048	FALSE
-0,094	0,278	-0,003	0,010	0,135	FALSE
0,094	0,297	0,005	0,011	0,194	FALSE
-0,233	0,271	-0,010	0,012	0,379	FALSE
0,079	0,287	0,004	0,014	0,104	FALSE
-0,108	0,283	-0,005	0,014	0,151	FALSE
-0,028	0,296	-0,002	0,009	0,088	FALSE

-0,002	0,295	0,001	0,010	0,047	FALSE
-0,132	0,279	-0,005	0,014	0,151	FALSE
0,094	0,264	0,002	0,013	0,064	FALSE
-0,032	0,298	-0,001	0,008	0,039	FALSE
-0,024	0,289	-0,001	0,008	0,025	FALSE
-0,072	0,279	-0,003	0,010	0,095	FALSE
-0,029	0,282	0,002	0,013	0,060	FALSE
0,117	0,277	0,001	0,007	0,034	FALSE
0,058	0,310	0,003	0,012	0,080	FALSE
0,020	0,292	0,002	0,008	0,087	FALSE
0,162	0,275	0,002	0,007	0,120	FALSE
0,071	0,281	0,002	0,012	0,057	FALSE
0,098	0,288	0,003	0,012	0,108	FALSE
0,081	0,299	0,002	0,013	0,069	FALSE
0,066	0,280	-0,002	0,013	0,043	FALSE
-0,042	0,275	-0,001	0,013	0,029	FALSE
-0,078	0,285	-0,002	0,009	0,092	FALSE
-0,089	0,289	-0,001	0,008	0,057	FALSE
-0,122	0,281	-0,003	0,008	0,164	FALSE
-0,208	0,276	-0,007	0,011	0,259	FALSE
0,138	0,292	0,003	0,007	0,171	FALSE
0,060	0,282	0,001	0,008	0,029	FALSE
0,041	0,279	0,000	0,008	0,009	FALSE
-0,012	0,295	0,001	0,013	0,024	FALSE
0,211	0,282	0,008	0,011	0,298	FALSE
0,021	0,294	0,001	0,015	0,018	FALSE
0,041	0,279	0,001	0,009	0,031	FALSE
0,092	0,281	0,005	0,012	0,176	FALSE
0,066	0,287	0,004	0,014	0,101	FALSE
-0,046	0,292	0,001	0,013	0,016	FALSE
-0,052	0,279	0,000	0,012	0,001	FALSE
0,032	0,284	0,001	0,015	0,024	FALSE
-0,070	0,277	0,000	0,008	0,020	FALSE
-0,127	0,288	-0,003	0,008	0,135	FALSE
0,004	0,277	0,000	0,008	0,021	FALSE
0,105	0,274	0,003	0,008	0,145	FALSE
-0,045	0,290	0,000	0,012	0,000	FALSE
-0,142	0,284	-0,009	0,012	0,322	FALSE
-0,106	0,295	-0,002	0,012	0,076	FALSE
-0,028	0,285	-0,002	0,013	0,050	FALSE
0,128	0,282	0,001	0,009	0,056	FALSE
-0,020	0,293	-0,003	0,014	0,089	FALSE
-0,028	0,280	-0,003	0,011	0,102	FALSE
0,069	0,299	0,000	0,010	0,001	FALSE
-0,037	0,288	-0,002	0,010	0,091	FALSE
0,065	0,287	0,005	0,015	0,150	FALSE
-0,071	0,271	-0,005	0,013	0,145	FALSE
0,117	0,277	0,002	0,007	0,130	FALSE
0,097	0,283	0,001	0,007	0,078	FALSE
0,085	0,289	0,002	0,007	0,129	FALSE
0,267	0,270	0,009	0,014	0,291	FALSE
0,192	0,270	0,005	0,009	0,215	FALSE
0,040	0,290	0,001	0,009	0,057	FALSE

0,175	0,284	0,007	0,012	0,260	FALSE
0,056	0,285	0,001	0,014	0,020	FALSE
0,008	0,280	0,001	0,009	0,026	FALSE
0,049	0,278	0,001	0,011	0,042	FALSE
0,062	0,267	0,001	0,011	0,036	FALSE
0,011	0,288	0,000	0,008	0,004	FALSE
0,051	0,271	0,004	0,011	0,136	FALSE
0,066	0,277	0,001	0,008	0,062	FALSE
0,137	0,293	0,003	0,009	0,143	FALSE
0,002	0,289	0,000	0,008	0,020	FALSE
0,121	0,295	0,005	0,011	0,211	FALSE
0,044	0,286	0,001	0,011	0,039	FALSE
-0,151	0,288	-0,009	0,015	0,248	FALSE
0,123	0,281	0,002	0,009	0,067	FALSE
0,105	0,274	0,005	0,014	0,133	FALSE
0,113	0,290	0,002	0,010	0,070	FALSE
0,015	0,291	0,000	0,009	0,017	FALSE
-0,107	0,275	-0,002	0,013	0,064	FALSE
-0,095	0,274	-0,003	0,008	0,169	FALSE
0,077	0,271	0,002	0,008	0,110	FALSE
-0,173	0,290	-0,006	0,015	0,174	FALSE
-0,130	0,289	-0,004	0,009	0,169	FALSE
0,023	0,290	0,001	0,008	0,040	FALSE
0,007	0,294	0,000	0,010	0,006	FALSE
-0,002	0,295	0,000	0,008	0,012	FALSE
0,060	0,270	0,003	0,012	0,102	FALSE
-0,048	0,291	0,001	0,012	0,038	FALSE
0,072	0,305	0,003	0,013	0,092	FALSE
-0,211	0,274	-0,012	0,015	0,392	FALSE
0,102	0,284	0,003	0,010	0,137	FALSE
0,091	0,291	0,003	0,010	0,100	FALSE
0,047	0,281	0,002	0,010	0,080	FALSE
-0,055	0,280	-0,003	0,008	0,145	FALSE
0,003	0,292	0,001	0,010	0,020	FALSE
0,084	0,285	0,002	0,012	0,063	FALSE
0,101	0,276	0,002	0,012	0,069	FALSE
0,034	0,287	0,001	0,011	0,039	FALSE
0,027	0,290	-0,001	0,014	0,035	FALSE
0,115	0,288	0,004	0,008	0,188	FALSE
-0,064	0,299	-0,004	0,014	0,098	FALSE
0,127	0,285	0,006	0,011	0,217	FALSE
-0,038	0,291	-0,001	0,012	0,028	FALSE
0,097	0,263	0,001	0,015	0,036	FALSE
0,025	0,284	0,001	0,007	0,027	FALSE
0,010	0,284	0,001	0,013	0,018	FALSE
0,042	0,282	0,002	0,011	0,077	FALSE
-0,131	0,286	-0,006	0,010	0,271	FALSE
-0,150	0,290	-0,004	0,012	0,151	FALSE
-0,095	0,290	-0,006	0,013	0,197	FALSE
0,020	0,286	0,000	0,008	0,010	FALSE
-0,053	0,289	-0,001	0,008	0,038	FALSE
-0,115	0,293	-0,005	0,015	0,130	FALSE
0,021	0,283	0,001	0,014	0,014	FALSE

0,048	0,288	0,002	0,009	0,064	FALSE
-0,007	0,299	-0,001	0,015	0,026	FALSE
-0,013	0,293	-0,002	0,014	0,038	FALSE
-0,001	0,290	0,000	0,015	0,004	FALSE
-0,069	0,285	-0,003	0,014	0,086	FALSE
-0,001	0,291	0,001	0,008	0,032	FALSE
-0,147	0,279	-0,004	0,008	0,177	FALSE
0,037	0,304	0,000	0,010	0,014	FALSE
0,025	0,292	0,002	0,010	0,072	FALSE
-0,055	0,294	-0,002	0,008	0,077	FALSE
-0,039	0,281	0,000	0,013	0,003	FALSE
0,015	0,279	-0,003	0,013	0,078	FALSE
-0,037	0,299	-0,001	0,008	0,035	FALSE
-0,020	0,283	-0,002	0,015	0,060	FALSE
-0,027	0,287	-0,001	0,012	0,023	FALSE
-0,068	0,287	-0,005	0,013	0,152	FALSE
0,008	0,299	0,001	0,007	0,033	FALSE
0,128	0,292	0,005	0,010	0,225	FALSE
-0,345	0,259	-0,009	0,008	0,577	FALSE
-0,039	0,293	-0,002	0,012	0,062	FALSE
-0,004	0,284	-0,001	0,014	0,023	FALSE
0,062	0,296	0,003	0,012	0,092	FALSE
0,065	0,302	0,002	0,011	0,058	FALSE
0,105	0,284	0,006	0,015	0,172	FALSE
-0,242	0,277	-0,006	0,008	0,343	FALSE
0,059	0,299	0,003	0,015	0,068	FALSE
-0,020	0,298	0,001	0,015	0,013	FALSE
0,058	0,303	0,001	0,009	0,024	FALSE
0,065	0,281	0,001	0,008	0,024	FALSE
-0,044	0,309	-0,002	0,015	0,045	FALSE
-0,057	0,294	-0,002	0,015	0,049	FALSE
0,046	0,286	0,001	0,008	0,051	FALSE
0,089	0,291	0,002	0,008	0,087	FALSE
-0,001	0,289	-0,001	0,009	0,020	FALSE
-0,137	0,283	-0,005	0,012	0,174	FALSE
-0,023	0,272	0,000	0,014	0,005	FALSE
0,014	0,301	0,000	0,015	0,008	FALSE
-0,067	0,278	-0,004	0,014	0,113	FALSE
-0,058	0,305	-0,004	0,015	0,087	FALSE
-0,085	0,291	-0,002	0,010	0,064	FALSE
-0,064	0,290	-0,004	0,014	0,120	FALSE
-0,103	0,280	-0,007	0,014	0,201	FALSE
0,090	0,283	0,005	0,010	0,194	FALSE
0,091	0,293	0,005	0,011	0,197	FALSE
-0,014	0,288	0,002	0,012	0,058	FALSE
-0,007	0,298	-0,003	0,014	0,066	FALSE
0,069	0,271	0,000	0,007	0,020	FALSE
-0,225	0,283	-0,010	0,015	0,275	FALSE
0,158	0,260	0,003	0,009	0,133	FALSE
0,135	0,281	0,008	0,014	0,227	FALSE
0,144	0,265	0,004	0,010	0,151	FALSE
-0,001	0,285	0,001	0,007	0,040	FALSE
-0,178	0,286	-0,008	0,013	0,268	FALSE

0,032	0,302	0,000	0,012	0,003	FALSE
-0,033	0,280	0,001	0,013	0,035	FALSE
0,005	0,286	0,003	0,013	0,080	FALSE
-0,023	0,293	0,000	0,011	0,006	FALSE
0,002	0,293	0,000	0,015	0,002	FALSE
-0,058	0,277	-0,002	0,010	0,087	FALSE
-0,153	0,288	-0,007	0,015	0,190	FALSE
-0,101	0,295	-0,004	0,013	0,115	FALSE
-0,060	0,298	-0,002	0,011	0,054	FALSE
-0,156	0,286	-0,006	0,011	0,242	FALSE
-0,115	0,297	-0,004	0,012	0,128	FALSE
-0,136	0,279	-0,005	0,011	0,175	FALSE
-0,040	0,297	-0,002	0,011	0,078	FALSE
-0,068	0,294	-0,001	0,012	0,032	FALSE
-0,027	0,282	-0,001	0,009	0,061	FALSE
-0,126	0,286	-0,005	0,014	0,127	FALSE
0,091	0,280	0,001	0,008	0,069	FALSE
-0,140	0,274	-0,006	0,014	0,164	FALSE
0,029	0,276	0,001	0,015	0,021	FALSE
-0,124	0,292	-0,005	0,009	0,207	FALSE
0,022	0,282	0,001	0,012	0,017	FALSE
0,072	0,281	0,002	0,009	0,099	FALSE
0,009	0,278	0,000	0,009	0,016	FALSE
0,024	0,282	-0,001	0,010	0,035	FALSE
-0,016	0,274	-0,002	0,009	0,065	FALSE
0,031	0,289	0,000	0,008	0,001	FALSE
0,027	0,283	0,002	0,011	0,058	FALSE
-0,173	0,280	-0,003	0,007	0,187	FALSE
0,018	0,281	0,000	0,015	0,004	FALSE
0,062	0,285	0,002	0,008	0,110	FALSE
-0,003	0,281	-0,001	0,008	0,030	FALSE
0,078	0,280	0,004	0,015	0,106	FALSE
-0,115	0,273	-0,005	0,013	0,152	FALSE
-0,104	0,286	-0,005	0,014	0,126	FALSE
0,149	0,283	0,004	0,009	0,169	FALSE
0,003	0,301	0,002	0,015	0,051	FALSE
-0,178	0,285	-0,005	0,009	0,259	FALSE
-0,253	0,276	-0,006	0,008	0,352	FALSE
0,143	0,292	0,003	0,008	0,154	FALSE
-0,022	0,295	-0,002	0,009	0,098	FALSE
-0,069	0,287	-0,002	0,015	0,059	FALSE
0,068	0,299	0,003	0,012	0,104	FALSE
0,083	0,298	0,003	0,012	0,114	FALSE
0,107	0,279	0,005	0,013	0,136	FALSE
-0,075	0,291	-0,003	0,015	0,067	FALSE
0,153	0,280	0,004	0,011	0,133	FALSE
-0,006	0,298	0,002	0,010	0,059	FALSE
0,065	0,283	-0,001	0,012	0,024	FALSE
0,042	0,294	0,002	0,014	0,061	FALSE
-0,208	0,279	-0,008	0,013	0,272	FALSE
-0,039	0,298	-0,002	0,012	0,079	FALSE
0,024	0,282	0,000	0,009	0,004	FALSE
-0,021	0,273	-0,002	0,009	0,074	FALSE

0,005	0,298	0,001	0,015	0,024	FALSE
-0,095	0,286	-0,002	0,013	0,064	FALSE
0,132	0,278	0,003	0,015	0,085	FALSE
0,004	0,276	0,002	0,011	0,058	FALSE
0,137	0,280	0,004	0,015	0,118	FALSE
-0,079	0,276	-0,003	0,007	0,145	FALSE
-0,025	0,295	-0,001	0,015	0,023	FALSE
0,153	0,286	0,005	0,012	0,179	FALSE
-0,050	0,284	-0,002	0,008	0,077	FALSE
0,106	0,289	0,004	0,008	0,175	FALSE
0,038	0,291	0,001	0,010	0,019	FALSE
0,039	0,268	0,001	0,013	0,015	FALSE
0,087	0,284	0,004	0,011	0,144	FALSE
0,017	0,281	0,003	0,014	0,071	FALSE
0,078	0,286	0,001	0,009	0,041	FALSE
-0,080	0,288	-0,003	0,014	0,090	FALSE
-0,018	0,288	0,000	0,008	0,002	FALSE
0,054	0,299	0,002	0,010	0,080	FALSE
0,144	0,287	0,005	0,015	0,136	FALSE
0,035	0,292	0,002	0,015	0,036	FALSE
-0,006	0,279	0,001	0,011	0,024	FALSE
-0,003	0,281	-0,002	0,011	0,063	FALSE
0,010	0,295	-0,001	0,010	0,023	FALSE
0,076	0,287	0,004	0,011	0,146	FALSE
-0,116	0,281	-0,004	0,011	0,120	FALSE
-0,010	0,289	0,003	0,015	0,070	FALSE
-0,053	0,291	0,000	0,015	0,007	FALSE
0,007	0,283	0,000	0,008	0,020	FALSE
-0,117	0,284	-0,003	0,011	0,098	FALSE
0,024	0,294	-0,001	0,013	0,015	FALSE
0,084	0,283	0,004	0,014	0,125	FALSE
-0,097	0,285	-0,002	0,012	0,077	FALSE
0,062	0,283	0,002	0,013	0,060	FALSE
-0,068	0,282	-0,002	0,012	0,063	FALSE
0,021	0,286	0,003	0,014	0,079	FALSE
-0,038	0,285	-0,002	0,011	0,076	FALSE
0,091	0,284	0,004	0,013	0,125	FALSE
0,080	0,280	0,005	0,013	0,147	FALSE
-0,012	0,301	0,001	0,010	0,034	FALSE
0,040	0,286	0,001	0,012	0,033	FALSE
-0,063	0,281	-0,002	0,008	0,093	FALSE
0,125	0,286	0,004	0,010	0,147	FALSE
-0,028	0,282	-0,001	0,014	0,026	FALSE
-0,035	0,277	-0,001	0,013	0,038	FALSE
0,027	0,288	-0,001	0,014	0,019	FALSE
-0,055	0,294	-0,001	0,012	0,021	FALSE
-0,058	0,289	0,000	0,014	0,005	FALSE
-0,141	0,291	-0,002	0,008	0,105	FALSE
-0,114	0,280	-0,003	0,010	0,116	FALSE
0,020	0,289	-0,002	0,012	0,055	FALSE
0,033	0,290	0,001	0,013	0,017	FALSE
0,035	0,288	0,002	0,012	0,048	FALSE
0,036	0,288	0,000	0,009	0,019	FALSE

0,186	0,281	0,005	0,011	0,199	FALSE
-0,016	0,286	0,001	0,007	0,055	FALSE
-0,191	0,285	-0,004	0,008	0,199	FALSE
-0,028	0,276	0,000	0,011	0,004	FALSE
0,119	0,291	0,003	0,012	0,112	FALSE
0,049	0,277	0,002	0,011	0,085	FALSE
0,119	0,276	0,001	0,008	0,024	FALSE
-0,003	0,284	0,001	0,010	0,032	FALSE
-0,091	0,294	-0,004	0,010	0,166	FALSE
0,033	0,298	0,001	0,013	0,029	FALSE
-0,010	0,296	0,001	0,015	0,024	FALSE
0,077	0,300	0,003	0,014	0,091	FALSE
-0,032	0,293	0,000	0,011	0,002	FALSE
-0,017	0,272	-0,001	0,012	0,017	FALSE
0,101	0,300	0,005	0,012	0,166	FALSE
0,016	0,298	0,000	0,016	0,002	FALSE
-0,012	0,288	0,000	0,010	0,001	FALSE
0,089	0,280	0,003	0,007	0,140	FALSE
0,066	0,287	0,002	0,012	0,078	FALSE
0,019	0,284	0,001	0,009	0,049	FALSE
-0,024	0,292	0,000	0,009	0,016	FALSE
0,025	0,280	0,000	0,008	0,019	FALSE
0,023	0,291	0,003	0,011	0,105	FALSE
-0,019	0,298	-0,001	0,008	0,062	FALSE
-0,127	0,259	-0,005	0,009	0,247	FALSE
-0,069	0,276	-0,001	0,008	0,068	FALSE
0,047	0,272	0,001	0,011	0,036	FALSE
0,062	0,290	0,001	0,008	0,032	FALSE
-0,110	0,290	-0,004	0,015	0,092	FALSE
0,069	0,290	0,003	0,011	0,121	FALSE
0,047	0,286	0,001	0,008	0,053	FALSE
0,008	0,295	-0,001	0,013	0,028	FALSE
-0,025	0,279	0,001	0,015	0,020	FALSE
0,171	0,281	0,005	0,013	0,166	FALSE
0,200	0,279	0,005	0,008	0,272	FALSE
-0,045	0,289	0,000	0,009	0,019	FALSE
0,018	0,281	-0,001	0,008	0,045	FALSE
0,099	0,284	0,004	0,009	0,191	FALSE
-0,032	0,288	0,001	0,011	0,021	FALSE
-0,068	0,282	-0,002	0,013	0,070	FALSE
-0,056	0,287	0,000	0,007	0,019	FALSE
-0,044	0,283	-0,001	0,009	0,051	FALSE
0,136	0,284	0,005	0,013	0,138	FALSE
-0,085	0,296	-0,003	0,012	0,099	FALSE
-0,125	0,296	-0,006	0,015	0,153	FALSE
0,064	0,292	0,003	0,012	0,104	FALSE
-0,209	0,279	-0,006	0,011	0,245	FALSE
-0,032	0,290	-0,002	0,013	0,065	FALSE
-0,032	0,276	-0,002	0,011	0,064	FALSE
0,057	0,288	0,001	0,011	0,042	FALSE
0,089	0,281	0,002	0,009	0,100	FALSE
-0,092	0,282	-0,004	0,010	0,166	FALSE
0,048	0,274	0,001	0,008	0,039	FALSE

-0,086	0,286	-0,004	0,013	0,106	FALSE
-0,066	0,287	0,000	0,014	0,009	FALSE
-0,072	0,280	0,000	0,013	0,003	FALSE
0,028	0,284	0,000	0,011	0,001	FALSE
0,136	0,299	0,002	0,009	0,079	FALSE
0,147	0,288	0,003	0,009	0,108	FALSE
-0,051	0,270	-0,002	0,014	0,051	FALSE
0,029	0,297	0,003	0,012	0,079	FALSE
-0,133	0,268	-0,004	0,013	0,110	FALSE
0,052	0,288	0,003	0,013	0,107	FALSE
-0,036	0,290	-0,002	0,009	0,065	FALSE
0,010	0,287	-0,001	0,008	0,038	FALSE
0,047	0,292	0,001	0,008	0,063	FALSE
-0,044	0,280	-0,002	0,010	0,064	FALSE
-0,098	0,270	-0,006	0,011	0,214	FALSE
-0,083	0,297	-0,002	0,015	0,045	FALSE
0,116	0,294	0,004	0,015	0,115	FALSE
-0,082	0,287	-0,003	0,009	0,106	FALSE
0,091	0,283	0,002	0,013	0,068	FALSE
0,049	0,283	0,000	0,007	0,012	FALSE
0,067	0,302	0,001	0,009	0,031	FALSE
0,110	0,275	0,002	0,007	0,080	FALSE
0,027	0,277	0,000	0,008	0,023	FALSE
-0,172	0,270	-0,007	0,011	0,283	FALSE
0,050	0,290	0,002	0,009	0,094	FALSE
0,186	0,283	0,004	0,008	0,187	FALSE
0,214	0,280	0,005	0,009	0,243	FALSE
0,009	0,295	0,000	0,010	0,002	FALSE
0,020	0,269	0,000	0,012	0,014	FALSE
0,075	0,291	0,001	0,009	0,048	FALSE
0,099	0,269	0,004	0,014	0,103	FALSE
0,081	0,270	0,001	0,007	0,035	FALSE
0,071	0,281	0,000	0,008	0,015	FALSE
0,052	0,277	0,000	0,007	0,006	FALSE
0,112	0,262	0,001	0,011	0,030	FALSE
0,237	0,275	0,009	0,014	0,269	FALSE
0,108	0,289	0,005	0,013	0,163	FALSE
0,068	0,286	0,002	0,007	0,094	FALSE
0,179	0,263	0,003	0,011	0,086	FALSE
0,255	0,280	0,009	0,014	0,297	FALSE
-0,036	0,286	-0,002	0,012	0,054	FALSE
-0,026	0,295	-0,001	0,013	0,042	FALSE
-0,001	0,281	0,002	0,008	0,087	FALSE
-0,039	0,292	-0,001	0,008	0,033	FALSE
0,103	0,299	0,004	0,015	0,116	FALSE
-0,120	0,291	-0,004	0,011	0,139	FALSE
-0,051	0,279	-0,001	0,014	0,021	FALSE
0,017	0,293	0,000	0,008	0,015	FALSE
-0,151	0,278	-0,004	0,009	0,194	FALSE
-0,097	0,291	-0,002	0,009	0,080	FALSE
0,140	0,280	0,003	0,011	0,098	FALSE
0,075	0,292	0,001	0,011	0,019	FALSE
-0,101	0,292	-0,003	0,007	0,180	FALSE

-0,045	0,288	-0,001	0,014	0,025	FALSE
-0,128	0,278	-0,002	0,010	0,081	FALSE
-0,142	0,277	-0,003	0,010	0,102	FALSE
-0,043	0,287	-0,002	0,008	0,091	FALSE
-0,091	0,284	-0,003	0,007	0,156	FALSE
-0,043	0,284	-0,001	0,009	0,058	FALSE
0,067	0,309	0,001	0,011	0,025	FALSE
-0,041	0,286	-0,002	0,008	0,078	FALSE
-0,033	0,285	-0,002	0,009	0,078	FALSE
0,181	0,274	0,004	0,015	0,106	FALSE
-0,037	0,282	-0,003	0,010	0,096	FALSE
-0,033	0,278	0,001	0,008	0,028	FALSE
0,082	0,291	0,007	0,015	0,178	FALSE
-0,127	0,291	-0,007	0,013	0,225	FALSE
-0,102	0,286	-0,004	0,013	0,133	FALSE
-0,137	0,279	-0,003	0,008	0,146	FALSE
-0,153	0,278	-0,003	0,008	0,145	FALSE
0,050	0,291	0,002	0,008	0,076	FALSE
-0,059	0,293	-0,001	0,009	0,027	FALSE
-0,066	0,294	-0,003	0,012	0,095	FALSE
0,015	0,301	0,001	0,015	0,021	FALSE
0,030	0,282	0,002	0,014	0,058	FALSE
-0,089	0,284	-0,002	0,008	0,085	FALSE
-0,116	0,291	-0,002	0,008	0,094	FALSE
0,030	0,295	0,000	0,015	0,004	FALSE
0,069	0,286	0,001	0,009	0,034	FALSE
0,104	0,278	0,008	0,014	0,228	FALSE
0,086	0,294	0,002	0,010	0,095	FALSE
-0,137	0,279	-0,004	0,008	0,211	FALSE
0,003	0,289	0,001	0,013	0,035	FALSE
0,043	0,289	0,001	0,009	0,026	FALSE
-0,057	0,277	-0,003	0,011	0,116	FALSE
-0,063	0,278	-0,001	0,009	0,036	FALSE
-0,096	0,274	-0,004	0,010	0,150	FALSE
0,081	0,281	0,001	0,010	0,040	FALSE
0,042	0,294	0,000	0,015	0,004	FALSE
0,092	0,285	0,005	0,014	0,128	FALSE
-0,257	0,275	-0,009	0,012	0,346	FALSE
-0,288	0,276	-0,010	0,012	0,403	FALSE
-0,099	0,289	-0,001	0,008	0,052	FALSE
-0,006	0,290	0,000	0,009	0,015	FALSE
-0,014	0,276	-0,001	0,008	0,037	FALSE
0,143	0,277	0,003	0,007	0,151	FALSE
0,017	0,299	-0,002	0,009	0,076	FALSE
-0,007	0,294	-0,002	0,009	0,101	FALSE
0,048	0,286	0,002	0,008	0,110	FALSE
-0,126	0,291	-0,002	0,008	0,090	FALSE
0,227	0,291	0,008	0,011	0,301	FALSE
-0,077	0,286	-0,003	0,010	0,105	FALSE
0,221	0,280	0,008	0,011	0,341	FALSE
-0,052	0,283	-0,002	0,011	0,074	FALSE
-0,106	0,286	-0,004	0,008	0,205	FALSE
-0,160	0,294	-0,006	0,012	0,220	FALSE

0,073	0,295	0,004	0,014	0,121	FALSE
-0,054	0,285	-0,002	0,013	0,046	FALSE
-0,028	0,285	0,000	0,013	0,007	FALSE
0,000	0,274	0,001	0,014	0,027	FALSE
-0,087	0,286	-0,001	0,007	0,043	FALSE
0,046	0,285	0,000	0,014	0,001	FALSE
-0,189	0,287	-0,005	0,009	0,203	FALSE
0,104	0,282	0,004	0,011	0,127	FALSE
-0,067	0,285	-0,002	0,008	0,103	FALSE
-0,069	0,279	-0,002	0,010	0,081	FALSE
0,109	0,263	0,003	0,009	0,153	FALSE
0,133	0,290	0,008	0,014	0,273	FALSE
0,035	0,284	0,001	0,014	0,021	FALSE
0,089	0,287	0,003	0,011	0,106	FALSE
0,099	0,293	0,005	0,012	0,168	FALSE
0,010	0,282	-0,001	0,011	0,025	FALSE
0,088	0,287	0,002	0,007	0,097	FALSE
0,123	0,278	0,005	0,009	0,222	FALSE
-0,198	0,279	-0,009	0,013	0,300	FALSE
0,255	0,268	0,010	0,015	0,297	FALSE
0,004	0,301	0,000	0,011	0,000	FALSE
0,104	0,287	0,001	0,009	0,059	FALSE
0,131	0,280	0,002	0,009	0,103	FALSE
0,022	0,293	0,002	0,007	0,083	FALSE
-0,049	0,289	0,000	0,014	0,008	FALSE
0,123	0,274	0,003	0,009	0,109	FALSE
0,120	0,286	0,003	0,010	0,101	FALSE
0,081	0,289	0,001	0,009	0,060	FALSE
0,013	0,294	0,001	0,011	0,035	FALSE
0,009	0,291	0,001	0,012	0,021	FALSE
-0,099	0,292	-0,003	0,008	0,122	FALSE
-0,169	0,290	-0,004	0,008	0,206	FALSE
0,102	0,298	0,003	0,012	0,098	FALSE
0,123	0,279	0,006	0,015	0,153	FALSE
0,167	0,279	0,004	0,008	0,192	FALSE
0,051	0,299	0,003	0,015	0,073	FALSE
-0,137	0,272	-0,005	0,009	0,213	FALSE
0,061	0,288	0,001	0,008	0,049	FALSE
-0,100	0,288	-0,001	0,007	0,055	FALSE
0,011	0,284	-0,001	0,007	0,026	FALSE
0,101	0,292	0,001	0,009	0,046	FALSE
0,005	0,268	0,000	0,009	0,005	FALSE
-0,006	0,284	0,000	0,013	0,003	FALSE
0,003	0,283	0,001	0,014	0,027	FALSE
0,028	0,273	0,002	0,015	0,061	FALSE
-0,063	0,284	-0,003	0,012	0,099	FALSE
0,020	0,290	0,000	0,011	0,001	FALSE
0,095	0,290	0,005	0,011	0,165	FALSE
0,108	0,295	0,005	0,012	0,161	FALSE
-0,121	0,276	-0,005	0,011	0,201	FALSE
0,197	0,279	0,011	0,013	0,402	FALSE
-0,173	0,266	-0,005	0,013	0,163	FALSE
-0,150	0,289	-0,004	0,009	0,155	FALSE

0,003	0,301	0,000	0,014	0,009	FALSE
0,012	0,287	0,001	0,013	0,016	FALSE
0,025	0,299	0,001	0,014	0,014	FALSE
0,027	0,302	0,001	0,014	0,013	FALSE
-0,031	0,282	0,000	0,009	0,001	FALSE
0,014	0,307	0,000	0,014	0,003	FALSE
0,032	0,300	0,001	0,014	0,014	FALSE
0,027	0,296	0,000	0,014	0,005	FALSE
0,036	0,305	0,002	0,009	0,096	FALSE
0,034	0,282	0,000	0,013	0,001	FALSE
0,052	0,290	0,001	0,012	0,022	FALSE
0,045	0,282	-0,002	0,010	0,070	FALSE
0,025	0,291	-0,002	0,010	0,088	FALSE
0,021	0,301	0,001	0,008	0,058	FALSE
-0,052	0,275	0,000	0,008	0,019	FALSE
0,058	0,284	0,001	0,012	0,032	FALSE
0,127	0,293	0,003	0,008	0,133	FALSE
0,143	0,288	0,004	0,010	0,174	FALSE
-0,109	0,297	-0,004	0,011	0,124	FALSE
0,134	0,296	0,004	0,008	0,247	FALSE
-0,011	0,284	0,000	0,008	0,008	FALSE
-0,049	0,279	-0,001	0,008	0,031	FALSE
-0,068	0,290	-0,002	0,008	0,080	FALSE
0,206	0,270	0,009	0,012	0,355	FALSE
-0,030	0,278	-0,001	0,010	0,049	FALSE
-0,050	0,283	-0,001	0,014	0,015	FALSE
-0,044	0,296	-0,001	0,015	0,018	FALSE
0,067	0,286	0,004	0,013	0,129	FALSE
0,041	0,286	0,000	0,014	0,005	FALSE
0,035	0,298	0,001	0,015	0,014	FALSE
0,179	0,290	0,009	0,014	0,263	FALSE
0,052	0,289	0,000	0,011	0,008	FALSE
0,057	0,274	0,000	0,007	0,007	FALSE
-0,095	0,287	-0,006	0,014	0,187	FALSE
-0,062	0,292	-0,002	0,010	0,086	FALSE
0,026	0,284	0,001	0,009	0,041	FALSE
-0,093	0,285	-0,006	0,014	0,164	FALSE
-0,107	0,275	-0,007	0,013	0,228	FALSE
-0,085	0,278	-0,003	0,008	0,156	FALSE
-0,018	0,283	-0,001	0,013	0,027	FALSE
0,231	0,283	0,008	0,011	0,334	FALSE
0,046	0,289	0,003	0,014	0,065	FALSE
0,146	0,286	0,004	0,011	0,155	FALSE
-0,135	0,274	-0,005	0,009	0,217	FALSE
-0,105	0,291	-0,004	0,010	0,154	FALSE
-0,133	0,284	-0,005	0,010	0,197	FALSE
-0,121	0,284	-0,004	0,010	0,182	FALSE
0,011	0,282	0,000	0,010	0,004	FALSE
-0,137	0,278	-0,006	0,010	0,233	FALSE
0,009	0,287	-0,002	0,012	0,058	FALSE
0,088	0,286	0,001	0,011	0,020	FALSE
0,033	0,285	0,000	0,009	0,005	FALSE
0,018	0,286	0,002	0,012	0,051	FALSE

-0,057	0,296	-0,003	0,014	0,086	FALSE
-0,181	0,281	-0,008	0,013	0,291	FALSE
-0,191	0,286	-0,009	0,013	0,319	FALSE
-0,177	0,273	-0,009	0,013	0,307	FALSE
-0,163	0,283	-0,008	0,013	0,258	FALSE
-0,129	0,283	-0,006	0,014	0,199	FALSE
-0,153	0,279	-0,007	0,013	0,237	FALSE
-0,111	0,285	-0,005	0,013	0,154	FALSE
-0,163	0,284	-0,008	0,013	0,249	FALSE
-0,122	0,278	-0,006	0,013	0,186	FALSE
-0,147	0,280	-0,006	0,013	0,201	FALSE
-0,187	0,275	-0,009	0,013	0,292	FALSE
-0,145	0,275	-0,007	0,013	0,225	FALSE
-0,115	0,278	-0,005	0,013	0,145	FALSE
-0,195	0,264	-0,008	0,013	0,285	FALSE
0,103	0,280	0,000	0,012	0,012	FALSE
-0,017	0,300	0,000	0,015	0,011	FALSE
0,093	0,290	0,003	0,009	0,110	FALSE
0,039	0,289	0,002	0,014	0,055	FALSE
0,071	0,287	0,001	0,008	0,042	FALSE
-0,020	0,289	0,000	0,008	0,006	FALSE
-0,235	0,277	-0,010	0,014	0,300	FALSE
-0,296	0,267	-0,013	0,014	0,417	FALSE
-0,198	0,272	-0,008	0,014	0,276	FALSE
-0,008	0,301	0,000	0,008	0,007	FALSE
-0,133	0,273	-0,006	0,011	0,234	FALSE
-0,127	0,286	-0,006	0,011	0,228	FALSE
-0,113	0,286	-0,005	0,012	0,192	FALSE
-0,016	0,275	0,001	0,008	0,024	FALSE
-0,132	0,290	-0,003	0,007	0,169	FALSE
0,049	0,279	0,002	0,012	0,053	FALSE
-0,007	0,285	0,000	0,011	0,009	FALSE
0,037	0,272	0,001	0,011	0,017	FALSE
0,071	0,275	0,002	0,012	0,071	FALSE
0,128	0,274	0,004	0,011	0,137	FALSE
-0,025	0,287	-0,001	0,015	0,019	FALSE
-0,145	0,276	-0,008	0,014	0,230	FALSE
-0,127	0,278	-0,007	0,014	0,207	FALSE
-0,173	0,287	-0,005	0,008	0,310	FALSE
-0,076	0,287	-0,005	0,015	0,134	FALSE
-0,095	0,278	-0,005	0,015	0,142	FALSE
-0,074	0,288	-0,003	0,014	0,076	FALSE
0,031	0,294	0,000	0,015	0,011	FALSE
-0,027	0,301	0,000	0,012	0,014	FALSE
-0,158	0,294	-0,004	0,010	0,179	FALSE
0,017	0,271	-0,001	0,009	0,026	FALSE
-0,112	0,284	-0,009	0,014	0,274	FALSE
0,024	0,285	-0,002	0,012	0,075	FALSE
-0,032	0,299	-0,001	0,010	0,050	FALSE
0,021	0,281	0,003	0,009	0,110	FALSE
0,170	0,272	0,004	0,008	0,229	FALSE
-0,237	0,277	-0,006	0,009	0,287	FALSE
-0,014	0,291	-0,002	0,012	0,047	FALSE

0,080	0,286	0,005	0,013	0,144	FALSE
0,095	0,281	0,002	0,011	0,073	FALSE
-0,156	0,287	-0,007	0,015	0,184	FALSE
-0,159	0,286	-0,007	0,015	0,205	FALSE
0,120	0,278	0,004	0,013	0,104	FALSE
0,101	0,274	0,001	0,008	0,051	FALSE
-0,111	0,294	-0,002	0,007	0,133	FALSE
0,080	0,296	0,003	0,013	0,080	FALSE
-0,138	0,280	-0,007	0,015	0,211	FALSE
-0,086	0,279	-0,005	0,013	0,161	FALSE
0,004	0,283	0,001	0,014	0,019	FALSE
0,079	0,277	0,002	0,011	0,074	FALSE
-0,023	0,280	-0,002	0,009	0,088	FALSE
0,178	0,287	0,006	0,010	0,238	FALSE
0,192	0,276	0,006	0,010	0,248	FALSE
0,175	0,286	0,004	0,007	0,266	FALSE
0,005	0,280	0,000	0,011	0,005	FALSE
-0,117	0,280	-0,006	0,012	0,225	FALSE
0,128	0,273	0,003	0,008	0,157	FALSE
0,019	0,294	0,001	0,009	0,029	FALSE
0,013	0,276	0,001	0,010	0,046	FALSE
0,059	0,294	0,003	0,009	0,135	FALSE
0,022	0,269	0,002	0,011	0,061	FALSE
0,029	0,284	0,001	0,009	0,049	FALSE
0,232	0,282	0,006	0,009	0,311	FALSE
0,037	0,285	0,002	0,011	0,060	FALSE
-0,002	0,260	0,000	0,008	0,008	FALSE
0,143	0,269	0,003	0,009	0,126	FALSE
0,159	0,272	0,005	0,013	0,163	FALSE
0,107	0,297	0,002	0,008	0,072	FALSE
-0,108	0,273	-0,005	0,012	0,153	FALSE
-0,113	0,287	-0,002	0,007	0,130	FALSE
0,222	0,275	0,008	0,011	0,317	FALSE
0,153	0,287	0,007	0,015	0,200	FALSE
-0,222	0,269	-0,007	0,012	0,264	FALSE
-0,113	0,300	-0,003	0,009	0,114	FALSE
0,209	0,269	0,004	0,008	0,227	FALSE
-0,003	0,287	0,000	0,007	0,004	FALSE
0,063	0,290	0,002	0,009	0,070	FALSE
-0,053	0,294	-0,003	0,014	0,079	FALSE
-0,157	0,271	-0,006	0,013	0,173	FALSE
0,023	0,284	-0,001	0,013	0,016	FALSE
-0,118	0,265	-0,006	0,011	0,246	FALSE
0,045	0,290	0,002	0,015	0,043	FALSE
-0,012	0,300	-0,002	0,015	0,043	FALSE
0,112	0,283	0,005	0,014	0,143	FALSE
-0,157	0,289	-0,004	0,008	0,206	FALSE
-0,050	0,292	-0,003	0,015	0,075	FALSE
-0,111	0,292	-0,004	0,015	0,107	FALSE
0,156	0,297	0,005	0,010	0,204	FALSE
-0,074	0,303	-0,002	0,014	0,049	FALSE
-0,082	0,295	-0,002	0,011	0,072	FALSE
-0,177	0,284	-0,008	0,014	0,266	FALSE

-0,068	0,289	-0,003	0,014	0,090	FALSE
-0,058	0,269	-0,002	0,009	0,094	FALSE
0,033	0,289	-0,001	0,008	0,026	FALSE
0,131	0,284	0,004	0,009	0,195	FALSE
-0,160	0,281	-0,010	0,014	0,325	FALSE
-0,103	0,274	-0,001	0,014	0,039	FALSE
0,002	0,292	0,000	0,014	0,005	FALSE
0,030	0,290	0,001	0,008	0,051	FALSE
0,108	0,285	0,003	0,008	0,135	FALSE
-0,010	0,281	-0,001	0,007	0,036	FALSE
-0,018	0,280	-0,001	0,007	0,037	FALSE
-0,028	0,290	0,000	0,008	0,009	FALSE
-0,094	0,285	-0,003	0,013	0,089	FALSE
-0,086	0,282	-0,002	0,009	0,089	FALSE
0,028	0,283	0,002	0,013	0,062	FALSE
0,042	0,298	0,002	0,013	0,062	FALSE
-0,148	0,264	-0,004	0,013	0,140	FALSE
-0,114	0,294	-0,007	0,015	0,194	FALSE
0,189	0,267	0,010	0,014	0,321	FALSE
0,073	0,302	0,003	0,008	0,133	FALSE
-0,114	0,297	-0,007	0,013	0,218	FALSE
-0,052	0,270	-0,003	0,014	0,079	FALSE
0,035	0,292	0,002	0,010	0,084	FALSE
0,056	0,298	0,002	0,007	0,118	FALSE
0,264	0,277	0,014	0,015	0,437	FALSE
-0,102	0,277	-0,004	0,013	0,114	FALSE
-0,106	0,273	-0,002	0,007	0,129	FALSE
-0,025	0,289	-0,002	0,011	0,055	FALSE
0,040	0,293	0,003	0,014	0,067	FALSE
-0,041	0,287	-0,001	0,010	0,046	FALSE
0,076	0,289	0,004	0,015	0,110	FALSE
-0,018	0,291	-0,001	0,009	0,022	FALSE
0,180	0,283	0,006	0,013	0,175	FALSE
0,046	0,289	0,002	0,008	0,092	FALSE
0,011	0,287	0,001	0,009	0,037	FALSE
-0,060	0,286	-0,001	0,009	0,058	FALSE
0,001	0,283	-0,001	0,010	0,020	FALSE
-0,137	0,284	-0,005	0,011	0,182	FALSE
-0,032	0,297	0,001	0,013	0,043	FALSE
-0,075	0,295	-0,001	0,012	0,044	FALSE
0,054	0,282	0,000	0,015	0,000	FALSE
-0,178	0,283	-0,005	0,010	0,220	FALSE
-0,054	0,292	-0,004	0,014	0,115	FALSE
-0,217	0,285	-0,006	0,010	0,250	FALSE
-0,014	0,278	-0,001	0,010	0,049	FALSE
0,041	0,286	0,000	0,012	0,004	FALSE
0,050	0,299	0,001	0,013	0,023	FALSE
-0,036	0,290	-0,002	0,012	0,060	FALSE
0,154	0,288	0,003	0,010	0,128	FALSE
0,001	0,282	-0,001	0,012	0,023	FALSE
0,045	0,284	0,001	0,014	0,031	FALSE
0,174	0,284	0,006	0,011	0,232	FALSE
-0,028	0,289	0,002	0,013	0,062	FALSE

0,040	0,296	0,001	0,014	0,031	FALSE
-0,042	0,280	-0,002	0,007	0,100	FALSE
-0,046	0,285	-0,002	0,008	0,110	FALSE
-0,035	0,302	-0,002	0,008	0,072	FALSE
0,091	0,289	0,002	0,012	0,072	FALSE
-0,040	0,288	0,000	0,009	0,007	FALSE
0,061	0,285	0,003	0,010	0,111	FALSE
0,050	0,278	0,003	0,009	0,106	FALSE
-0,016	0,278	-0,001	0,010	0,054	FALSE
-0,190	0,284	-0,006	0,015	0,169	FALSE
-0,061	0,277	-0,001	0,015	0,032	FALSE
-0,084	0,269	-0,002	0,010	0,086	FALSE
0,018	0,290	-0,001	0,009	0,025	FALSE
-0,108	0,286	-0,003	0,012	0,089	FALSE
0,059	0,281	0,002	0,015	0,059	FALSE
0,030	0,283	0,003	0,015	0,089	FALSE
-0,079	0,281	-0,004	0,014	0,104	FALSE
-0,118	0,271	-0,003	0,008	0,180	FALSE
0,016	0,280	0,003	0,014	0,083	FALSE
-0,087	0,276	-0,006	0,015	0,176	FALSE
-0,074	0,271	-0,004	0,013	0,110	FALSE
0,114	0,285	0,003	0,008	0,135	FALSE
-0,210	0,279	-0,006	0,009	0,280	FALSE
0,015	0,300	0,001	0,008	0,033	FALSE
-0,061	0,300	-0,002	0,014	0,055	FALSE
-0,157	0,286	-0,003	0,009	0,154	FALSE
-0,043	0,284	-0,002	0,011	0,053	FALSE
0,126	0,292	0,004	0,007	0,222	FALSE
-0,022	0,283	-0,003	0,010	0,103	FALSE
0,095	0,297	0,003	0,009	0,154	FALSE
-0,068	0,287	-0,001	0,008	0,056	FALSE
-0,056	0,272	-0,002	0,007	0,086	FALSE
0,132	0,280	0,005	0,015	0,147	FALSE
-0,180	0,287	-0,004	0,008	0,185	FALSE
-0,041	0,299	-0,001	0,012	0,040	FALSE
0,083	0,293	0,004	0,011	0,128	FALSE
0,123	0,286	0,003	0,010	0,141	FALSE
-0,005	0,257	-0,001	0,007	0,029	FALSE
0,025	0,297	0,000	0,014	0,011	FALSE
0,059	0,297	0,002	0,014	0,042	FALSE
0,035	0,277	0,000	0,011	0,002	FALSE
0,077	0,289	0,003	0,014	0,090	FALSE
0,080	0,297	0,004	0,015	0,116	FALSE
0,032	0,284	0,003	0,010	0,125	FALSE
0,029	0,283	0,003	0,009	0,111	FALSE
-0,111	0,282	-0,004	0,009	0,166	FALSE
0,040	0,285	0,001	0,008	0,031	FALSE
-0,031	0,279	-0,001	0,010	0,048	FALSE
0,057	0,280	0,000	0,007	0,001	FALSE
-0,166	0,280	-0,005	0,010	0,223	FALSE
0,019	0,283	0,000	0,008	0,011	FALSE
0,067	0,286	0,002	0,009	0,084	FALSE
-0,105	0,278	-0,002	0,011	0,079	FALSE

0,110	0,282	0,004	0,007	0,259	FALSE
0,042	0,288	0,000	0,008	0,015	FALSE
0,190	0,288	0,008	0,014	0,240	FALSE
-0,053	0,297	-0,002	0,014	0,052	FALSE
0,040	0,293	0,003	0,011	0,116	FALSE
-0,139	0,283	-0,003	0,010	0,126	FALSE
0,030	0,289	-0,001	0,012	0,016	FALSE
-0,039	0,297	0,000	0,013	0,010	FALSE
-0,044	0,294	0,001	0,013	0,014	FALSE
-0,017	0,302	-0,002	0,015	0,041	FALSE
-0,019	0,285	-0,003	0,013	0,076	FALSE
-0,017	0,293	-0,001	0,015	0,034	FALSE
0,040	0,288	0,002	0,012	0,065	FALSE
0,009	0,276	0,000	0,008	0,020	FALSE
0,051	0,270	0,002	0,008	0,096	FALSE
-0,063	0,297	-0,003	0,014	0,070	FALSE
0,038	0,278	0,000	0,010	0,011	FALSE
-0,061	0,286	0,001	0,014	0,035	FALSE
-0,104	0,282	-0,003	0,014	0,077	FALSE
-0,073	0,286	-0,002	0,007	0,114	FALSE
-0,167	0,288	-0,007	0,015	0,213	FALSE
-0,046	0,276	-0,001	0,007	0,033	FALSE
0,025	0,281	-0,001	0,008	0,027	FALSE
-0,128	0,283	-0,004	0,014	0,127	FALSE
-0,056	0,287	-0,002	0,011	0,050	FALSE
-0,018	0,291	0,001	0,013	0,033	FALSE
0,114	0,280	0,005	0,012	0,178	FALSE
-0,098	0,282	-0,003	0,008	0,126	FALSE
-0,011	0,293	-0,002	0,009	0,079	FALSE
-0,069	0,287	-0,003	0,009	0,135	FALSE
0,099	0,270	0,006	0,014	0,177	FALSE
-0,103	0,296	-0,002	0,009	0,076	FALSE
0,018	0,276	-0,001	0,009	0,049	FALSE
0,075	0,293	0,002	0,012	0,051	FALSE
-0,055	0,294	-0,005	0,013	0,143	FALSE
0,077	0,278	0,001	0,015	0,028	FALSE
-0,040	0,290	-0,002	0,011	0,061	FALSE
0,080	0,292	0,002	0,015	0,055	FALSE
0,016	0,291	-0,001	0,015	0,016	FALSE
-0,109	0,288	-0,006	0,012	0,204	FALSE
-0,027	0,274	-0,002	0,010	0,060	FALSE
-0,031	0,286	-0,002	0,009	0,075	FALSE
-0,138	0,285	-0,003	0,011	0,119	FALSE
0,091	0,301	0,006	0,015	0,153	FALSE
0,022	0,279	0,000	0,014	0,003	FALSE
0,081	0,300	0,002	0,010	0,083	FALSE
-0,041	0,286	0,000	0,015	0,007	FALSE
0,081	0,291	0,003	0,014	0,082	FALSE
-0,092	0,274	-0,002	0,009	0,067	FALSE
-0,021	0,276	0,000	0,013	0,000	FALSE
0,023	0,272	0,002	0,012	0,067	FALSE
-0,035	0,287	0,000	0,013	0,005	FALSE
0,022	0,295	0,002	0,013	0,058	FALSE

-0,032	0,289	0,001	0,013	0,016	FALSE
-0,012	0,292	0,001	0,014	0,026	FALSE
-0,013	0,281	0,001	0,013	0,038	FALSE
-0,095	0,302	-0,003	0,015	0,077	FALSE
0,097	0,284	0,004	0,013	0,140	FALSE
-0,090	0,278	-0,005	0,011	0,198	FALSE
0,013	0,268	0,000	0,012	0,004	FALSE
-0,101	0,280	-0,002	0,008	0,109	FALSE
0,011	0,296	0,000	0,014	0,001	FALSE
0,004	0,290	0,000	0,014	0,008	FALSE
0,043	0,285	0,001	0,013	0,029	FALSE
0,027	0,280	0,002	0,009	0,094	FALSE
-0,031	0,292	0,000	0,008	0,008	FALSE
-0,137	0,285	-0,008	0,014	0,240	FALSE
-0,016	0,289	-0,001	0,011	0,024	FALSE
-0,115	0,299	-0,005	0,011	0,199	FALSE
0,206	0,288	0,004	0,009	0,207	FALSE
0,107	0,275	0,002	0,010	0,077	FALSE
0,040	0,291	0,002	0,015	0,050	FALSE
0,038	0,296	0,002	0,015	0,054	FALSE
0,059	0,266	0,002	0,013	0,061	FALSE
-0,007	0,288	0,000	0,009	0,000	FALSE
-0,028	0,272	0,000	0,013	0,008	FALSE
0,058	0,286	0,002	0,015	0,047	FALSE
-0,162	0,279	-0,003	0,008	0,163	FALSE
0,200	0,280	0,009	0,013	0,290	FALSE
0,026	0,290	-0,002	0,013	0,045	FALSE
0,163	0,288	0,007	0,013	0,216	FALSE
-0,040	0,294	-0,001	0,007	0,029	FALSE
0,043	0,291	0,002	0,015	0,052	FALSE
-0,150	0,271	-0,004	0,012	0,133	FALSE
0,142	0,283	0,007	0,014	0,203	FALSE
0,081	0,271	0,004	0,011	0,158	FALSE
0,093	0,286	0,002	0,008	0,094	FALSE
0,068	0,289	0,001	0,009	0,043	FALSE
0,040	0,278	0,001	0,011	0,022	FALSE
0,012	0,288	0,000	0,011	0,010	FALSE
-0,035	0,288	-0,002	0,012	0,056	FALSE
0,089	0,279	0,001	0,008	0,056	FALSE
0,049	0,293	0,002	0,008	0,076	FALSE
-0,003	0,280	0,000	0,011	0,012	FALSE
-0,042	0,285	-0,001	0,014	0,039	FALSE
-0,042	0,284	-0,001	0,010	0,021	FALSE
0,094	0,286	0,004	0,012	0,135	FALSE
0,100	0,287	0,004	0,009	0,201	FALSE
0,080	0,284	0,006	0,013	0,197	FALSE
-0,049	0,281	-0,001	0,008	0,043	FALSE
-0,051	0,277	-0,002	0,008	0,112	FALSE
-0,056	0,287	-0,001	0,010	0,039	FALSE
-0,109	0,292	-0,004	0,013	0,130	FALSE
-0,155	0,299	-0,003	0,009	0,110	FALSE
-0,176	0,264	-0,003	0,010	0,135	FALSE
-0,109	0,272	-0,005	0,011	0,188	FALSE

-0,162	0,272	-0,005	0,008	0,249	FALSE
0,103	0,288	0,005	0,014	0,155	FALSE
-0,067	0,282	-0,002	0,008	0,087	FALSE
-0,126	0,293	-0,003	0,012	0,092	FALSE
0,157	0,305	0,007	0,012	0,267	FALSE
0,152	0,278	0,006	0,009	0,308	FALSE
-0,081	0,299	-0,001	0,016	0,029	FALSE
-0,097	0,290	-0,002	0,015	0,048	FALSE
0,071	0,282	0,002	0,009	0,090	FALSE
-0,176	0,277	-0,007	0,010	0,287	FALSE
0,189	0,272	0,005	0,008	0,296	FALSE
0,101	0,282	0,002	0,009	0,066	FALSE
-0,170	0,275	-0,009	0,014	0,270	FALSE
-0,167	0,295	-0,009	0,015	0,259	FALSE
-0,093	0,289	-0,004	0,008	0,190	FALSE
-0,036	0,290	-0,001	0,008	0,041	FALSE
0,031	0,276	0,001	0,009	0,052	FALSE
0,037	0,292	0,001	0,011	0,019	FALSE
-0,113	0,298	-0,002	0,007	0,111	FALSE
0,069	0,283	0,001	0,009	0,027	FALSE
-0,016	0,303	-0,001	0,013	0,017	FALSE
-0,059	0,290	-0,002	0,008	0,099	FALSE
-0,103	0,281	-0,003	0,010	0,107	FALSE
-0,024	0,304	-0,003	0,013	0,073	FALSE
-0,127	0,287	-0,008	0,014	0,226	FALSE
0,072	0,283	0,001	0,007	0,085	FALSE
0,011	0,273	0,000	0,008	0,018	FALSE
-0,020	0,283	-0,001	0,008	0,058	FALSE
0,029	0,284	0,001	0,015	0,014	FALSE
0,015	0,296	0,001	0,013	0,022	FALSE
-0,066	0,274	-0,001	0,011	0,031	FALSE
-0,077	0,278	-0,001	0,009	0,030	FALSE
-0,052	0,277	0,001	0,013	0,037	FALSE
0,054	0,300	0,002	0,011	0,086	FALSE
0,038	0,293	0,002	0,008	0,080	FALSE
-0,013	0,284	-0,002	0,011	0,065	FALSE
-0,074	0,288	-0,003	0,013	0,087	FALSE
-0,020	0,274	-0,002	0,010	0,085	FALSE
-0,026	0,274	-0,002	0,013	0,044	FALSE
-0,028	0,295	0,000	0,010	0,002	FALSE
0,049	0,285	0,002	0,014	0,063	FALSE
-0,006	0,283	0,002	0,014	0,042	FALSE
0,041	0,296	0,002	0,008	0,077	FALSE
-0,136	0,277	-0,004	0,014	0,116	FALSE
0,096	0,290	0,003	0,007	0,169	FALSE
-0,102	0,290	-0,003	0,009	0,129	FALSE
-0,116	0,284	-0,005	0,012	0,179	FALSE
0,139	0,281	0,004	0,014	0,105	FALSE
-0,022	0,290	0,002	0,014	0,047	FALSE
-0,035	0,273	-0,004	0,014	0,098	FALSE
-0,114	0,276	-0,005	0,014	0,152	FALSE
-0,080	0,295	0,000	0,008	0,001	FALSE
0,154	0,290	0,005	0,008	0,256	FALSE

0,021	0,298	0,000	0,010	0,018	FALSE
-0,098	0,290	-0,004	0,014	0,102	FALSE
-0,136	0,285	-0,006	0,015	0,164	FALSE
-0,130	0,292	-0,006	0,016	0,148	FALSE
-0,132	0,282	-0,006	0,015	0,175	FALSE
-0,045	0,280	-0,002	0,010	0,073	FALSE
-0,051	0,297	-0,001	0,008	0,049	FALSE
-0,077	0,290	-0,002	0,008	0,109	FALSE
0,025	0,282	0,001	0,008	0,028	FALSE
0,029	0,297	0,000	0,013	0,009	FALSE
0,194	0,273	0,005	0,008	0,232	FALSE
0,136	0,276	0,005	0,010	0,214	FALSE
0,205	0,287	0,008	0,011	0,313	FALSE
0,112	0,289	0,002	0,009	0,095	FALSE
0,071	0,280	0,002	0,008	0,098	FALSE
0,055	0,292	0,000	0,008	0,018	FALSE
-0,058	0,293	-0,003	0,009	0,123	FALSE
-0,133	0,270	-0,008	0,014	0,232	FALSE
-0,004	0,291	-0,001	0,012	0,044	FALSE
0,043	0,277	0,001	0,014	0,023	FALSE
0,163	0,288	0,007	0,012	0,246	FALSE
0,073	0,288	0,002	0,011	0,058	FALSE
0,110	0,279	0,003	0,010	0,101	FALSE
0,084	0,285	0,006	0,014	0,174	FALSE
-0,157	0,279	-0,009	0,015	0,259	FALSE
-0,066	0,292	-0,003	0,014	0,078	FALSE
0,053	0,283	0,002	0,011	0,067	FALSE
0,003	0,268	0,000	0,008	0,020	FALSE
-0,112	0,294	-0,005	0,015	0,141	FALSE
0,002	0,282	0,000	0,007	0,001	FALSE
-0,147	0,282	-0,004	0,007	0,250	FALSE
-0,115	0,266	-0,003	0,009	0,139	FALSE
0,091	0,302	0,003	0,008	0,144	FALSE
-0,034	0,281	0,000	0,011	0,004	FALSE
0,048	0,291	0,002	0,008	0,092	FALSE
-0,141	0,284	-0,007	0,014	0,211	FALSE
0,047	0,279	0,001	0,014	0,031	FALSE
0,009	0,280	0,001	0,012	0,035	FALSE
-0,059	0,286	-0,001	0,007	0,051	FALSE
-0,059	0,301	-0,003	0,015	0,076	FALSE
0,036	0,290	0,001	0,014	0,037	FALSE
0,051	0,293	0,002	0,009	0,078	FALSE
-0,037	0,286	0,001	0,014	0,013	FALSE
-0,126	0,290	-0,005	0,015	0,125	FALSE
-0,070	0,290	-0,004	0,010	0,140	FALSE
0,141	0,282	0,005	0,012	0,160	FALSE
-0,124	0,284	-0,003	0,015	0,089	FALSE
-0,001	0,283	0,001	0,008	0,060	FALSE
-0,106	0,274	-0,003	0,008	0,149	FALSE
0,157	0,300	0,007	0,012	0,240	FALSE
-0,081	0,287	-0,001	0,007	0,065	FALSE
0,007	0,295	0,002	0,010	0,061	FALSE
0,133	0,283	0,005	0,014	0,153	FALSE

0,038	0,286	-0,001	0,011	0,046	FALSE
0,116	0,280	0,003	0,007	0,137	FALSE
0,113	0,275	0,002	0,007	0,124	FALSE
0,036	0,289	0,002	0,013	0,047	FALSE
0,096	0,280	0,005	0,012	0,153	FALSE
0,063	0,279	0,002	0,008	0,082	FALSE
-0,009	0,286	0,000	0,013	0,003	FALSE
-0,076	0,276	-0,002	0,009	0,096	FALSE
0,066	0,295	0,003	0,012	0,095	FALSE
0,104	0,283	0,007	0,014	0,212	FALSE
0,054	0,274	0,004	0,014	0,106	FALSE
0,048	0,292	0,001	0,010	0,038	FALSE
0,115	0,296	0,003	0,013	0,098	FALSE
0,117	0,293	0,004	0,008	0,214	FALSE
-0,056	0,292	-0,002	0,015	0,047	FALSE
-0,025	0,294	-0,002	0,013	0,057	FALSE
0,110	0,298	0,006	0,014	0,190	FALSE
-0,063	0,280	-0,002	0,014	0,054	FALSE
-0,103	0,283	-0,003	0,011	0,123	FALSE
0,020	0,286	-0,001	0,014	0,015	FALSE
0,043	0,282	0,001	0,015	0,020	FALSE
0,026	0,281	-0,001	0,007	0,058	FALSE
0,013	0,287	-0,001	0,012	0,037	FALSE
0,126	0,285	0,003	0,011	0,097	FALSE
0,165	0,292	0,006	0,012	0,210	FALSE
-0,037	0,300	-0,004	0,015	0,106	FALSE
-0,098	0,280	-0,004	0,011	0,138	FALSE
0,063	0,286	0,003	0,010	0,120	FALSE
-0,113	0,264	-0,004	0,014	0,111	FALSE
-0,069	0,295	-0,002	0,012	0,080	FALSE
-0,081	0,273	-0,002	0,012	0,064	FALSE
0,021	0,289	0,000	0,013	0,009	FALSE
0,178	0,276	0,009	0,014	0,273	FALSE
-0,165	0,291	-0,004	0,011	0,159	FALSE
-0,036	0,287	-0,002	0,010	0,060	FALSE
-0,046	0,291	-0,002	0,011	0,075	FALSE
-0,013	0,286	0,000	0,008	0,023	FALSE
0,104	0,280	0,002	0,012	0,055	FALSE
0,115	0,295	0,005	0,015	0,143	FALSE
0,166	0,288	0,004	0,007	0,244	FALSE
0,135	0,283	0,005	0,015	0,117	FALSE
0,132	0,282	0,004	0,015	0,104	FALSE
-0,081	0,285	-0,002	0,010	0,069	FALSE
-0,035	0,292	-0,001	0,011	0,022	FALSE
0,075	0,290	0,006	0,015	0,175	FALSE
-0,147	0,289	-0,005	0,010	0,212	FALSE
-0,026	0,272	-0,002	0,008	0,103	FALSE
-0,121	0,278	-0,004	0,010	0,158	FALSE
-0,078	0,283	-0,004	0,012	0,133	FALSE
0,053	0,285	0,005	0,014	0,152	FALSE
-0,028	0,290	-0,001	0,011	0,017	FALSE
-0,027	0,289	-0,001	0,008	0,043	FALSE
0,095	0,300	0,006	0,013	0,197	FALSE

-0,155	0,273	-0,008	0,014	0,240	FALSE
0,031	0,271	0,004	0,013	0,109	FALSE
0,221	0,286	0,007	0,012	0,264	FALSE
0,131	0,282	0,003	0,010	0,123	FALSE
0,059	0,286	0,003	0,008	0,155	FALSE
-0,101	0,279	-0,003	0,012	0,084	FALSE
-0,042	0,291	-0,003	0,010	0,098	FALSE
-0,037	0,281	0,001	0,012	0,024	FALSE
-0,167	0,281	-0,010	0,013	0,366	FALSE
0,094	0,295	0,004	0,010	0,138	FALSE
0,001	0,280	0,005	0,014	0,133	FALSE
0,076	0,275	0,003	0,008	0,136	FALSE
0,022	0,288	0,001	0,012	0,023	FALSE
0,124	0,286	0,006	0,013	0,177	FALSE
-0,030	0,277	-0,001	0,013	0,027	FALSE
0,014	0,274	-0,001	0,008	0,057	FALSE
-0,033	0,280	0,000	0,012	0,001	FALSE
-0,052	0,295	-0,001	0,008	0,060	FALSE
-0,156	0,268	-0,010	0,014	0,353	FALSE
-0,133	0,298	-0,004	0,009	0,191	FALSE
0,203	0,291	0,010	0,015	0,296	FALSE
0,223	0,283	0,011	0,015	0,326	FALSE
-0,050	0,270	-0,003	0,014	0,071	FALSE
-0,118	0,279	-0,007	0,014	0,211	FALSE
0,100	0,290	0,002	0,007	0,126	FALSE
-0,065	0,279	-0,003	0,009	0,120	FALSE
0,072	0,290	0,003	0,013	0,101	FALSE
0,113	0,290	0,005	0,013	0,141	FALSE
0,092	0,282	0,003	0,010	0,096	FALSE
-0,054	0,283	-0,001	0,013	0,026	FALSE
0,022	0,283	0,002	0,011	0,057	FALSE
0,041	0,273	-0,001	0,015	0,028	FALSE
0,018	0,264	-0,002	0,014	0,061	FALSE
-0,165	0,275	-0,007	0,013	0,219	FALSE
0,082	0,284	0,004	0,011	0,134	FALSE
-0,103	0,274	-0,003	0,009	0,141	FALSE
-0,045	0,281	0,000	0,012	0,008	FALSE
-0,062	0,278	-0,003	0,011	0,096	FALSE
-0,085	0,281	-0,005	0,014	0,143	FALSE
-0,112	0,278	-0,003	0,011	0,125	FALSE
0,000	0,291	0,002	0,014	0,040	FALSE
0,060	0,269	0,001	0,010	0,020	FALSE
0,136	0,292	0,006	0,012	0,193	FALSE
0,128	0,281	0,005	0,014	0,132	FALSE
-0,037	0,295	-0,001	0,013	0,021	FALSE
0,032	0,272	0,000	0,010	0,010	FALSE
0,007	0,278	0,001	0,010	0,027	FALSE
0,008	0,289	0,001	0,015	0,013	FALSE
0,099	0,282	0,002	0,011	0,067	FALSE
-0,051	0,297	0,000	0,010	0,010	FALSE
0,071	0,282	0,001	0,009	0,048	FALSE
0,140	0,279	0,005	0,011	0,178	FALSE
0,034	0,295	0,003	0,009	0,121	FALSE

-0,187	0,268	-0,005	0,013	0,158	FALSE
-0,123	0,273	-0,005	0,013	0,164	FALSE
0,121	0,299	0,005	0,012	0,161	FALSE
-0,115	0,301	-0,003	0,009	0,108	FALSE
-0,061	0,289	0,000	0,008	0,000	FALSE
-0,205	0,261	-0,008	0,010	0,350	FALSE
0,234	0,278	0,010	0,015	0,304	FALSE
0,017	0,292	0,001	0,008	0,062	FALSE
-0,062	0,288	-0,001	0,012	0,022	FALSE
0,033	0,294	0,001	0,013	0,028	FALSE
0,064	0,291	0,003	0,011	0,102	FALSE
-0,195	0,285	-0,004	0,007	0,232	FALSE
-0,014	0,296	-0,004	0,014	0,098	FALSE
0,024	0,299	0,004	0,014	0,095	FALSE
0,160	0,290	0,003	0,007	0,175	FALSE
0,054	0,292	0,002	0,011	0,054	FALSE
0,003	0,280	0,001	0,013	0,015	FALSE
0,007	0,302	0,000	0,015	0,002	FALSE
0,044	0,298	0,002	0,016	0,038	FALSE
-0,126	0,290	-0,004	0,013	0,127	FALSE
0,057	0,294	0,004	0,012	0,151	FALSE
0,124	0,281	0,005	0,012	0,174	FALSE
0,118	0,277	0,004	0,010	0,140	FALSE
0,114	0,282	0,004	0,010	0,153	FALSE
0,004	0,299	0,001	0,008	0,044	FALSE
-0,171	0,277	-0,006	0,011	0,207	FALSE
-0,129	0,270	-0,002	0,008	0,088	FALSE
0,135	0,295	0,004	0,008	0,198	FALSE
0,156	0,269	0,007	0,015	0,187	FALSE
0,040	0,292	0,001	0,014	0,019	FALSE
-0,082	0,280	-0,002	0,013	0,054	FALSE
-0,077	0,281	-0,003	0,009	0,145	FALSE
-0,252	0,286	-0,006	0,008	0,341	FALSE
-0,082	0,274	0,000	0,014	0,001	FALSE
-0,108	0,274	-0,006	0,013	0,182	FALSE
-0,123	0,276	-0,004	0,007	0,234	FALSE
-0,135	0,280	-0,004	0,007	0,234	FALSE
-0,017	0,281	-0,001	0,012	0,022	FALSE
0,140	0,270	0,003	0,014	0,068	FALSE
0,204	0,272	0,008	0,015	0,225	FALSE
0,032	0,287	0,003	0,009	0,122	FALSE
0,052	0,294	0,001	0,008	0,039	FALSE
0,120	0,283	0,007	0,013	0,231	FALSE
0,019	0,293	-0,001	0,014	0,017	FALSE
0,024	0,293	0,001	0,014	0,028	FALSE
-0,037	0,290	0,000	0,014	0,010	FALSE
0,131	0,292	0,004	0,009	0,175	FALSE
0,037	0,275	0,003	0,012	0,092	FALSE
0,118	0,277	0,004	0,011	0,161	FALSE
0,035	0,303	0,002	0,008	0,073	FALSE
-0,117	0,291	-0,004	0,015	0,093	FALSE
-0,040	0,282	0,000	0,008	0,013	FALSE
0,102	0,279	0,002	0,010	0,093	FALSE

-0,162	0,279	-0,006	0,013	0,198	FALSE
-0,012	0,293	-0,001	0,008	0,024	FALSE
0,027	0,289	0,000	0,013	0,002	FALSE
0,174	0,292	0,005	0,008	0,260	FALSE
0,087	0,280	0,004	0,011	0,146	FALSE
0,101	0,294	0,002	0,009	0,102	FALSE
0,151	0,286	0,005	0,013	0,158	FALSE
0,030	0,280	0,000	0,008	0,022	FALSE
0,024	0,290	0,000	0,010	0,014	FALSE
-0,081	0,281	-0,002	0,007	0,093	FALSE
-0,116	0,284	-0,006	0,012	0,212	FALSE
0,069	0,285	0,000	0,009	0,001	FALSE
0,007	0,288	-0,001	0,009	0,048	FALSE
-0,155	0,283	-0,006	0,012	0,222	TRUE
-0,054	0,288	0,000	0,013	0,006	FALSE
-0,079	0,298	-0,003	0,013	0,077	FALSE
0,153	0,286	0,006	0,013	0,188	FALSE
-0,049	0,291	-0,001	0,010	0,039	FALSE
-0,019	0,300	0,000	0,008	0,014	FALSE
0,048	0,279	0,001	0,008	0,058	FALSE
-0,056	0,289	-0,002	0,008	0,075	FALSE
0,071	0,298	0,002	0,015	0,059	FALSE
-0,015	0,293	0,000	0,014	0,006	FALSE
0,001	0,295	0,002	0,014	0,041	FALSE
0,106	0,276	0,002	0,010	0,098	FALSE
0,030	0,296	0,002	0,009	0,075	FALSE
0,081	0,280	0,005	0,014	0,128	FALSE
-0,049	0,273	-0,003	0,014	0,096	FALSE
0,008	0,293	0,001	0,012	0,017	FALSE
0,049	0,294	0,001	0,013	0,024	FALSE
0,050	0,303	0,001	0,014	0,034	FALSE
-0,141	0,277	-0,003	0,007	0,164	FALSE
0,155	0,271	0,004	0,008	0,174	FALSE
-0,171	0,277	-0,004	0,009	0,211	FALSE
0,058	0,286	0,001	0,010	0,034	FALSE
-0,004	0,285	-0,002	0,008	0,095	FALSE
0,192	0,289	0,005	0,012	0,173	FALSE
0,206	0,270	0,005	0,009	0,235	FALSE
0,102	0,280	0,002	0,008	0,121	FALSE
-0,135	0,274	-0,005	0,009	0,259	FALSE
-0,103	0,277	-0,003	0,013	0,082	FALSE
-0,051	0,278	-0,001	0,012	0,020	FALSE
0,083	0,280	0,002	0,010	0,062	FALSE
0,006	0,289	0,000	0,008	0,006	FALSE
-0,126	0,288	-0,006	0,014	0,179	FALSE
0,013	0,295	0,000	0,008	0,012	FALSE
0,188	0,275	0,003	0,007	0,168	FALSE
-0,171	0,267	-0,004	0,008	0,192	FALSE
0,158	0,301	0,007	0,014	0,236	FALSE
0,060	0,280	0,001	0,011	0,017	FALSE
0,021	0,285	0,003	0,013	0,078	FALSE
0,042	0,291	0,001	0,012	0,019	FALSE
0,051	0,296	0,004	0,015	0,097	FALSE

0,049	0,295	0,004	0,015	0,108	FALSE
-0,163	0,278	-0,005	0,012	0,169	FALSE
-0,150	0,288	-0,004	0,009	0,189	FALSE
0,029	0,280	0,001	0,009	0,053	FALSE
0,029	0,285	0,002	0,012	0,074	FALSE
-0,095	0,283	-0,002	0,011	0,070	FALSE
0,030	0,286	-0,001	0,010	0,045	FALSE
0,007	0,287	-0,001	0,012	0,018	FALSE
-0,064	0,289	-0,004	0,014	0,110	FALSE
-0,106	0,278	-0,005	0,014	0,131	FALSE
-0,051	0,291	-0,002	0,009	0,062	FALSE
-0,053	0,287	0,000	0,009	0,016	FALSE
-0,083	0,288	-0,001	0,010	0,049	FALSE
0,039	0,286	0,001	0,008	0,041	FALSE
0,078	0,279	0,002	0,012	0,080	FALSE
-0,039	0,288	0,000	0,010	0,005	FALSE
0,010	0,294	0,002	0,014	0,053	FALSE
-0,157	0,290	-0,003	0,009	0,141	FALSE
-0,043	0,267	-0,002	0,013	0,042	FALSE
-0,024	0,288	-0,001	0,011	0,023	FALSE
0,060	0,279	0,003	0,011	0,100	FALSE
-0,012	0,281	0,000	0,008	0,011	FALSE
0,072	0,284	0,002	0,015	0,061	FALSE
-0,032	0,285	0,001	0,007	0,040	FALSE
0,000	0,274	0,000	0,014	0,002	FALSE
0,002	0,273	0,000	0,008	0,018	FALSE
-0,041	0,293	-0,002	0,014	0,050	FALSE
-0,046	0,287	0,001	0,008	0,026	FALSE
-0,064	0,275	-0,002	0,008	0,105	FALSE
0,072	0,290	0,004	0,012	0,123	FALSE
0,023	0,280	0,001	0,010	0,025	FALSE
0,007	0,287	0,001	0,013	0,028	FALSE
-0,192	0,280	-0,005	0,007	0,300	FALSE
0,016	0,278	0,003	0,011	0,099	FALSE
0,114	0,284	0,002	0,007	0,114	FALSE
-0,082	0,278	-0,003	0,011	0,127	FALSE
-0,038	0,293	0,000	0,008	0,021	FALSE
0,046	0,283	0,002	0,012	0,061	FALSE
-0,130	0,275	-0,004	0,010	0,180	FALSE
0,055	0,290	0,002	0,010	0,058	FALSE
0,165	0,286	0,004	0,010	0,176	FALSE
0,056	0,308	0,002	0,011	0,067	FALSE
0,018	0,285	0,000	0,012	0,013	FALSE
-0,003	0,292	0,000	0,011	0,011	FALSE
0,096	0,293	0,004	0,013	0,107	FALSE
-0,054	0,287	-0,002	0,014	0,058	FALSE
-0,047	0,283	-0,004	0,015	0,109	FALSE
-0,015	0,289	0,001	0,015	0,016	FALSE
-0,005	0,293	-0,001	0,015	0,032	FALSE
-0,115	0,289	-0,003	0,008	0,161	FALSE
-0,106	0,293	-0,001	0,008	0,052	FALSE
-0,119	0,280	-0,004	0,009	0,177	FALSE
-0,196	0,274	-0,010	0,015	0,294	FALSE

-0,161	0,288	-0,008	0,011	0,315	FALSE
-0,212	0,269	-0,009	0,011	0,405	FALSE
-0,072	0,291	-0,003	0,010	0,100	FALSE
-0,036	0,280	0,000	0,011	0,007	FALSE
-0,139	0,271	-0,004	0,010	0,148	FALSE
-0,034	0,276	0,000	0,010	0,009	FALSE
-0,080	0,283	-0,001	0,010	0,043	FALSE
-0,140	0,291	-0,007	0,015	0,205	FALSE
-0,205	0,270	-0,008	0,014	0,243	FALSE
-0,090	0,283	-0,004	0,014	0,097	FALSE
0,073	0,301	0,002	0,010	0,084	FALSE
-0,056	0,289	-0,004	0,011	0,140	FALSE
-0,026	0,303	0,001	0,008	0,044	FALSE
-0,050	0,289	-0,001	0,012	0,042	FALSE
0,016	0,293	0,002	0,014	0,054	FALSE
-0,014	0,290	0,001	0,015	0,022	FALSE
0,108	0,292	0,004	0,009	0,175	FALSE
0,012	0,282	0,000	0,013	0,000	FALSE
0,018	0,287	0,000	0,014	0,005	FALSE
-0,005	0,284	-0,001	0,013	0,029	FALSE
0,083	0,279	0,001	0,010	0,044	FALSE
0,178	0,273	0,010	0,015	0,303	FALSE
0,139	0,294	0,005	0,013	0,154	FALSE
0,145	0,277	0,005	0,012	0,177	FALSE
-0,004	0,276	-0,001	0,015	0,019	FALSE
-0,010	0,284	0,000	0,015	0,002	FALSE
-0,024	0,276	-0,002	0,008	0,067	FALSE
0,035	0,273	0,003	0,014	0,087	FALSE
0,014	0,288	0,000	0,011	0,013	FALSE
0,031	0,279	0,000	0,011	0,010	FALSE
-0,039	0,294	-0,001	0,012	0,018	FALSE
-0,239	0,276	-0,010	0,012	0,394	FALSE
-0,024	0,290	0,000	0,015	0,003	FALSE
-0,129	0,284	-0,004	0,011	0,140	FALSE
0,195	0,281	0,006	0,013	0,205	FALSE
-0,028	0,283	-0,001	0,014	0,028	FALSE
-0,127	0,271	-0,005	0,013	0,165	FALSE
0,111	0,279	0,002	0,007	0,103	FALSE
-0,134	0,278	-0,005	0,012	0,188	FALSE
-0,087	0,290	-0,002	0,009	0,089	FALSE
0,135	0,278	0,003	0,010	0,123	FALSE
0,135	0,272	0,004	0,012	0,134	FALSE
-0,070	0,286	-0,001	0,011	0,036	FALSE
-0,111	0,282	-0,003	0,011	0,121	FALSE
-0,051	0,285	-0,001	0,014	0,015	FALSE
0,047	0,291	0,003	0,012	0,088	FALSE
-0,117	0,285	-0,002	0,009	0,088	FALSE
0,252	0,272	0,008	0,011	0,331	FALSE
-0,140	0,281	-0,004	0,009	0,180	FALSE
0,017	0,280	0,003	0,014	0,069	FALSE
-0,063	0,278	-0,002	0,008	0,070	FALSE
-0,135	0,282	-0,004	0,008	0,194	FALSE
0,047	0,297	0,003	0,016	0,071	FALSE

0,276	0,289	0,008	0,009	0,407	FALSE
0,024	0,274	0,000	0,008	0,020	FALSE
-0,045	0,289	-0,001	0,011	0,034	FALSE
0,078	0,279	0,002	0,012	0,069	FALSE
-0,070	0,289	-0,004	0,015	0,109	FALSE
0,154	0,293	0,005	0,012	0,161	FALSE
-0,002	0,288	0,001	0,015	0,024	FALSE
-0,029	0,290	-0,001	0,014	0,033	FALSE
-0,050	0,282	-0,001	0,011	0,040	FALSE
0,051	0,269	0,000	0,013	0,012	FALSE
0,080	0,283	0,002	0,011	0,049	FALSE
-0,210	0,286	-0,005	0,008	0,270	FALSE
-0,002	0,289	-0,001	0,014	0,020	FALSE
-0,111	0,281	-0,004	0,011	0,136	FALSE
-0,167	0,291	-0,007	0,014	0,206	FALSE
-0,045	0,282	-0,001	0,012	0,027	FALSE
0,001	0,297	0,000	0,009	0,009	FALSE
0,084	0,267	0,002	0,014	0,052	FALSE
0,071	0,284	0,004	0,015	0,095	FALSE
-0,084	0,283	-0,003	0,009	0,105	FALSE
-0,044	0,294	-0,001	0,009	0,060	FALSE
0,072	0,300	0,002	0,016	0,040	FALSE
-0,031	0,294	-0,001	0,014	0,032	FALSE
0,158	0,261	0,002	0,011	0,080	FALSE
-0,049	0,291	-0,001	0,014	0,024	FALSE
0,163	0,288	0,007	0,014	0,198	FALSE
0,116	0,289	0,004	0,014	0,121	FALSE
-0,206	0,276	-0,008	0,012	0,277	FALSE
0,100	0,296	0,005	0,014	0,127	FALSE
0,159	0,289	0,006	0,009	0,316	FALSE
0,143	0,294	0,005	0,009	0,268	FALSE
-0,051	0,291	-0,002	0,011	0,074	FALSE
0,108	0,289	0,004	0,009	0,173	FALSE
0,075	0,292	0,003	0,015	0,072	FALSE
0,046	0,292	0,000	0,008	0,019	FALSE
-0,018	0,279	0,000	0,012	0,003	FALSE
-0,072	0,286	-0,005	0,010	0,215	FALSE
0,027	0,290	0,002	0,011	0,069	FALSE
0,005	0,273	-0,003	0,015	0,072	FALSE
0,136	0,290	0,003	0,008	0,153	FALSE
-0,152	0,278	-0,004	0,008	0,218	FALSE
0,015	0,289	0,000	0,008	0,022	FALSE
0,030	0,296	0,002	0,011	0,077	FALSE
0,048	0,298	0,002	0,011	0,085	FALSE
-0,013	0,280	0,000	0,013	0,010	FALSE
-0,118	0,274	-0,007	0,011	0,262	FALSE
0,065	0,292	0,003	0,007	0,167	FALSE
-0,099	0,285	-0,005	0,014	0,152	FALSE
-0,122	0,270	-0,004	0,009	0,175	FALSE
-0,055	0,289	-0,001	0,010	0,055	FALSE
-0,040	0,283	-0,001	0,014	0,026	FALSE
-0,002	0,297	0,000	0,014	0,005	FALSE
-0,100	0,283	-0,003	0,009	0,135	FALSE

-0,045	0,275	-0,002	0,014	0,064	FALSE
0,213	0,272	0,005	0,009	0,256	FALSE
-0,034	0,277	-0,002	0,015	0,053	FALSE
-0,029	0,269	-0,001	0,014	0,037	FALSE
0,138	0,280	0,003	0,008	0,141	FALSE
0,075	0,283	0,002	0,011	0,054	FALSE
-0,029	0,296	-0,001	0,009	0,024	FALSE
0,132	0,283	0,004	0,010	0,175	FALSE
0,010	0,294	0,001	0,015	0,029	FALSE
0,027	0,290	0,002	0,009	0,094	FALSE
0,070	0,280	0,001	0,014	0,030	FALSE
0,052	0,282	0,002	0,008	0,084	FALSE
0,016	0,288	0,001	0,007	0,043	FALSE
0,035	0,286	0,001	0,008	0,037	FALSE
-0,169	0,270	-0,004	0,009	0,190	FALSE
-0,001	0,293	-0,002	0,014	0,053	FALSE
-0,114	0,275	-0,004	0,014	0,114	FALSE
-0,068	0,288	-0,002	0,011	0,059	FALSE
0,085	0,278	0,003	0,008	0,129	FALSE
0,108	0,294	0,004	0,014	0,095	FALSE
0,147	0,288	0,005	0,014	0,156	FALSE
0,048	0,294	0,002	0,011	0,060	FALSE
-0,049	0,300	-0,004	0,015	0,100	FALSE
-0,180	0,261	-0,009	0,013	0,327	FALSE
-0,140	0,275	-0,004	0,009	0,199	FALSE
0,005	0,290	0,000	0,008	0,003	FALSE
0,057	0,291	0,001	0,008	0,058	FALSE
-0,051	0,282	-0,001	0,007	0,034	FALSE
0,058	0,288	0,002	0,015	0,049	FALSE
-0,051	0,289	-0,001	0,010	0,017	FALSE
0,090	0,268	0,003	0,009	0,116	FALSE
0,062	0,289	0,002	0,013	0,055	FALSE
-0,060	0,280	-0,004	0,014	0,100	FALSE
-0,001	0,286	0,002	0,015	0,039	FALSE
0,131	0,269	0,003	0,010	0,131	FALSE
0,020	0,297	0,000	0,009	0,009	FALSE
0,095	0,284	0,004	0,013	0,106	FALSE
0,095	0,295	0,004	0,012	0,115	FALSE
-0,058	0,270	-0,002	0,014	0,044	FALSE
-0,059	0,288	-0,001	0,010	0,047	FALSE
0,062	0,294	0,002	0,015	0,055	FALSE
-0,016	0,282	-0,001	0,014	0,030	FALSE
0,039	0,291	0,003	0,015	0,081	FALSE
-0,086	0,286	-0,002	0,009	0,066	FALSE
-0,084	0,289	-0,002	0,010	0,071	FALSE
0,091	0,282	0,002	0,009	0,094	FALSE
-0,097	0,287	-0,003	0,009	0,133	FALSE
0,032	0,295	0,002	0,013	0,068	FALSE
-0,071	0,280	0,000	0,007	0,019	FALSE
0,020	0,285	0,002	0,008	0,084	FALSE
0,202	0,283	0,009	0,011	0,355	FALSE
-0,140	0,298	-0,005	0,015	0,124	FALSE
0,097	0,291	0,004	0,011	0,150	FALSE

-0,063	0,283	-0,004	0,012	0,115	FALSE
-0,091	0,276	-0,005	0,013	0,159	FALSE
0,006	0,293	0,000	0,007	0,009	FALSE
0,052	0,295	0,001	0,010	0,051	FALSE
0,077	0,307	0,003	0,015	0,089	FALSE
0,098	0,286	0,004	0,014	0,109	FALSE
0,029	0,276	0,001	0,007	0,032	FALSE
0,088	0,279	0,004	0,015	0,103	FALSE
-0,043	0,294	-0,001	0,014	0,033	FALSE
-0,140	0,280	-0,003	0,010	0,112	FALSE
0,017	0,292	-0,002	0,014	0,041	FALSE
0,006	0,285	-0,002	0,014	0,065	FALSE
0,035	0,283	0,003	0,010	0,106	FALSE
0,199	0,289	0,011	0,014	0,370	TRUE
-0,112	0,286	-0,005	0,014	0,131	FALSE
0,180	0,292	0,009	0,013	0,282	FALSE
-0,265	0,272	-0,007	0,009	0,380	FALSE
0,028	0,295	0,002	0,010	0,076	FALSE
0,055	0,284	0,000	0,009	0,016	FALSE
0,021	0,283	0,004	0,014	0,095	FALSE
-0,127	0,290	-0,005	0,013	0,158	FALSE
-0,009	0,283	0,000	0,009	0,014	FALSE
-0,025	0,275	0,000	0,009	0,009	FALSE
-0,089	0,284	-0,004	0,012	0,137	FALSE
0,165	0,273	0,008	0,014	0,262	FALSE
0,187	0,285	0,004	0,010	0,181	FALSE
0,076	0,294	0,001	0,011	0,025	FALSE
0,053	0,279	0,001	0,010	0,021	FALSE
0,072	0,272	0,001	0,010	0,052	FALSE
0,132	0,276	0,002	0,008	0,108	FALSE
-0,042	0,281	-0,001	0,015	0,025	FALSE
-0,013	0,291	0,001	0,015	0,025	FALSE
-0,177	0,279	-0,005	0,010	0,215	FALSE
-0,103	0,278	-0,004	0,011	0,122	FALSE
-0,073	0,272	-0,002	0,012	0,072	FALSE
0,108	0,283	0,003	0,009	0,148	FALSE
-0,014	0,278	-0,001	0,011	0,036	FALSE
-0,078	0,283	-0,004	0,015	0,117	FALSE
0,016	0,302	0,000	0,012	0,010	FALSE
-0,055	0,298	-0,001	0,011	0,042	FALSE
0,023	0,281	0,000	0,013	0,003	FALSE
0,056	0,296	0,004	0,014	0,115	FALSE
0,069	0,276	0,003	0,010	0,113	FALSE
-0,097	0,276	-0,002	0,012	0,066	FALSE
-0,011	0,296	0,000	0,014	0,005	FALSE
0,009	0,274	0,002	0,008	0,084	FALSE
-0,024	0,283	0,000	0,012	0,009	FALSE
-0,064	0,296	-0,001	0,008	0,041	FALSE
-0,040	0,286	-0,002	0,014	0,063	FALSE
-0,130	0,274	-0,004	0,012	0,144	FALSE
0,074	0,280	0,001	0,008	0,037	FALSE
0,033	0,289	0,000	0,008	0,007	FALSE
0,099	0,296	0,002	0,009	0,101	FALSE

0,050	0,304	0,001	0,009	0,044	FALSE
0,095	0,299	0,004	0,015	0,099	FALSE
-0,061	0,276	-0,001	0,008	0,058	FALSE
-0,058	0,297	0,000	0,013	0,006	FALSE
-0,088	0,296	-0,001	0,008	0,042	FALSE
0,038	0,294	0,002	0,010	0,060	FALSE
0,111	0,294	0,002	0,009	0,093	FALSE
-0,033	0,283	0,000	0,009	0,009	FALSE
-0,032	0,292	0,000	0,009	0,011	FALSE
0,062	0,286	0,001	0,007	0,028	FALSE
0,076	0,289	0,000	0,009	0,013	FALSE
-0,009	0,292	-0,002	0,013	0,046	FALSE
0,040	0,279	-0,002	0,011	0,055	FALSE
-0,071	0,283	-0,005	0,014	0,142	FALSE
-0,076	0,302	-0,001	0,008	0,071	FALSE
-0,103	0,286	-0,002	0,008	0,098	FALSE
-0,072	0,291	-0,001	0,008	0,052	FALSE
0,033	0,295	0,000	0,014	0,005	FALSE
0,049	0,287	0,001	0,014	0,025	FALSE
0,114	0,281	0,004	0,011	0,172	FALSE
-0,096	0,279	-0,001	0,007	0,069	FALSE
0,059	0,284	0,001	0,008	0,053	FALSE
-0,036	0,283	-0,001	0,015	0,028	FALSE
0,005	0,277	0,000	0,009	0,008	FALSE
0,002	0,293	0,000	0,009	0,000	FALSE
0,092	0,272	0,002	0,014	0,066	FALSE
0,087	0,289	0,003	0,015	0,064	FALSE
0,022	0,294	0,001	0,015	0,032	FALSE
-0,123	0,289	-0,003	0,008	0,166	FALSE
0,041	0,278	0,000	0,007	0,008	FALSE
-0,103	0,279	-0,005	0,014	0,129	FALSE
0,012	0,295	0,001	0,008	0,051	FALSE
0,054	0,284	0,001	0,010	0,048	FALSE
0,090	0,278	0,001	0,011	0,044	FALSE
-0,016	0,286	-0,002	0,013	0,045	FALSE
-0,027	0,297	-0,002	0,014	0,066	FALSE
-0,107	0,283	-0,001	0,012	0,030	FALSE
-0,130	0,277	-0,003	0,010	0,131	FALSE
0,089	0,283	0,004	0,014	0,104	FALSE
0,039	0,276	0,001	0,009	0,024	FALSE
0,101	0,298	0,003	0,011	0,106	FALSE
0,015	0,287	0,000	0,012	0,009	FALSE
-0,075	0,282	-0,003	0,010	0,126	FALSE
-0,062	0,286	0,000	0,009	0,017	FALSE
0,151	0,278	0,005	0,009	0,250	FALSE
-0,010	0,287	-0,001	0,011	0,038	FALSE
-0,017	0,281	-0,001	0,008	0,029	FALSE
-0,152	0,274	-0,004	0,007	0,253	FALSE
0,151	0,278	0,005	0,014	0,142	FALSE
-0,146	0,287	-0,004	0,011	0,156	FALSE
-0,135	0,298	-0,003	0,009	0,122	FALSE
0,043	0,300	0,000	0,014	0,004	FALSE
0,028	0,292	0,002	0,013	0,056	FALSE

-0,016	0,284	0,002	0,013	0,069	FALSE
-0,189	0,290	-0,004	0,009	0,197	FALSE
-0,012	0,287	0,002	0,013	0,066	FALSE
-0,127	0,297	-0,002	0,008	0,120	FALSE
0,091	0,288	0,003	0,012	0,084	FALSE
0,137	0,289	0,003	0,013	0,079	FALSE
0,037	0,287	0,002	0,009	0,077	FALSE
0,004	0,291	0,001	0,008	0,057	FALSE
-0,074	0,286	0,000	0,008	0,014	FALSE
0,001	0,296	0,001	0,015	0,032	FALSE
0,010	0,294	-0,001	0,011	0,031	FALSE
-0,192	0,285	-0,004	0,009	0,194	FALSE
0,000	0,301	0,001	0,011	0,025	FALSE
-0,176	0,281	-0,004	0,009	0,206	FALSE
-0,091	0,288	-0,005	0,012	0,154	FALSE
-0,085	0,285	-0,005	0,013	0,163	FALSE
-0,016	0,290	-0,001	0,013	0,015	FALSE
0,107	0,301	0,003	0,015	0,085	FALSE
0,019	0,292	0,000	0,010	0,003	FALSE
-0,061	0,289	-0,003	0,014	0,084	FALSE
-0,054	0,276	-0,001	0,007	0,070	FALSE
0,015	0,277	0,000	0,012	0,001	FALSE
0,056	0,298	0,001	0,012	0,026	FALSE
0,012	0,294	0,000	0,011	0,006	FALSE
-0,174	0,289	-0,003	0,010	0,144	FALSE
-0,018	0,295	-0,001	0,012	0,037	FALSE
0,066	0,286	0,002	0,008	0,071	FALSE
-0,107	0,311	-0,004	0,015	0,115	FALSE
-0,043	0,281	0,000	0,008	0,011	FALSE
0,003	0,278	0,000	0,014	0,008	FALSE
0,054	0,295	0,004	0,015	0,102	FALSE
-0,113	0,281	-0,006	0,015	0,175	FALSE
0,028	0,292	0,002	0,009	0,083	FALSE
0,069	0,286	0,001	0,008	0,059	FALSE
-0,005	0,298	-0,002	0,010	0,059	FALSE
-0,107	0,274	-0,003	0,013	0,083	FALSE
0,083	0,281	0,002	0,015	0,061	FALSE
0,028	0,301	0,000	0,008	0,015	FALSE
0,101	0,283	0,002	0,011	0,072	FALSE
-0,044	0,286	-0,001	0,014	0,034	FALSE
0,046	0,277	0,001	0,011	0,027	FALSE
-0,003	0,299	-0,003	0,012	0,107	FALSE
-0,067	0,277	-0,004	0,011	0,152	FALSE
0,092	0,296	0,004	0,016	0,083	FALSE
-0,088	0,281	-0,002	0,014	0,055	FALSE
0,055	0,281	0,003	0,008	0,154	FALSE
0,067	0,283	0,003	0,008	0,160	FALSE
0,069	0,288	0,004	0,009	0,188	FALSE
-0,072	0,286	-0,003	0,010	0,096	FALSE
0,105	0,297	0,003	0,008	0,172	FALSE
0,085	0,276	0,001	0,011	0,036	FALSE
-0,006	0,284	-0,001	0,013	0,039	FALSE
-0,056	0,293	-0,003	0,011	0,094	FALSE

-0,010	0,288	0,001	0,008	0,073	FALSE
-0,037	0,280	-0,003	0,011	0,093	FALSE
0,048	0,295	0,001	0,007	0,058	FALSE
0,009	0,288	0,000	0,009	0,008	FALSE
-0,049	0,288	-0,004	0,013	0,136	FALSE
-0,023	0,283	0,001	0,014	0,021	FALSE
-0,088	0,303	-0,002	0,009	0,103	FALSE
0,007	0,282	0,001	0,008	0,024	FALSE
-0,021	0,291	-0,001	0,007	0,036	FALSE
-0,017	0,277	0,000	0,008	0,010	FALSE
-0,019	0,291	-0,001	0,007	0,051	FALSE
-0,131	0,291	-0,006	0,012	0,200	FALSE
0,020	0,282	0,001	0,007	0,026	FALSE
-0,232	0,277	-0,011	0,014	0,363	FALSE
0,080	0,293	0,005	0,015	0,138	FALSE
0,104	0,291	0,004	0,012	0,117	FALSE
0,143	0,285	0,005	0,012	0,190	FALSE
0,166	0,293	0,006	0,013	0,211	FALSE
0,163	0,266	0,006	0,013	0,211	FALSE
-0,207	0,277	-0,011	0,013	0,386	FALSE
-0,050	0,295	-0,003	0,012	0,111	FALSE
-0,035	0,268	-0,002	0,014	0,042	FALSE
-0,100	0,283	-0,002	0,008	0,097	FALSE
0,078	0,300	0,004	0,012	0,119	FALSE
-0,064	0,281	-0,005	0,014	0,156	FALSE
-0,030	0,290	-0,002	0,014	0,059	FALSE
0,022	0,292	0,000	0,009	0,012	FALSE
-0,132	0,289	-0,004	0,009	0,184	FALSE
-0,059	0,282	-0,001	0,007	0,060	FALSE
0,025	0,285	0,000	0,010	0,012	FALSE
-0,028	0,296	-0,003	0,012	0,087	FALSE
-0,038	0,288	-0,003	0,012	0,097	FALSE
-0,024	0,282	-0,002	0,011	0,063	FALSE
0,041	0,272	0,001	0,010	0,044	FALSE
-0,062	0,299	-0,002	0,013	0,055	FALSE
-0,262	0,278	-0,008	0,012	0,310	FALSE
-0,038	0,291	-0,002	0,015	0,055	FALSE
-0,072	0,279	-0,005	0,010	0,200	FALSE
-0,061	0,282	-0,004	0,011	0,172	FALSE
-0,035	0,286	-0,004	0,011	0,135	FALSE
-0,031	0,292	-0,001	0,009	0,034	FALSE
-0,051	0,293	0,000	0,009	0,007	FALSE
0,045	0,278	0,002	0,009	0,098	FALSE
0,111	0,282	0,002	0,009	0,089	FALSE
0,031	0,283	0,002	0,009	0,061	FALSE
-0,071	0,282	-0,002	0,014	0,060	FALSE
0,110	0,276	0,004	0,008	0,225	FALSE
-0,053	0,279	-0,003	0,015	0,085	FALSE
-0,054	0,273	-0,003	0,014	0,081	FALSE
0,183	0,294	0,007	0,013	0,215	FALSE
0,006	0,291	0,002	0,015	0,055	FALSE
-0,051	0,299	-0,001	0,015	0,022	FALSE
-0,160	0,269	-0,006	0,011	0,226	FALSE

-0,020	0,290	0,001	0,012	0,023	FALSE
0,042	0,281	0,002	0,010	0,095	FALSE
-0,140	0,281	-0,002	0,010	0,097	FALSE
0,007	0,278	0,002	0,013	0,042	FALSE
-0,017	0,288	0,000	0,012	0,014	FALSE
0,155	0,272	0,005	0,014	0,158	FALSE
0,195	0,278	0,003	0,008	0,161	FALSE
0,016	0,270	0,000	0,013	0,012	FALSE
0,251	0,280	0,008	0,011	0,326	FALSE
0,051	0,288	0,001	0,012	0,036	FALSE
0,205	0,293	0,006	0,012	0,216	FALSE
-0,132	0,289	-0,004	0,010	0,179	FALSE
0,056	0,294	0,003	0,011	0,094	FALSE
0,094	0,282	0,005	0,013	0,158	FALSE
0,043	0,290	0,002	0,015	0,048	FALSE
-0,049	0,289	-0,003	0,014	0,076	FALSE
-0,097	0,276	-0,001	0,009	0,048	FALSE
-0,017	0,293	0,001	0,008	0,033	FALSE
-0,093	0,294	-0,004	0,009	0,166	FALSE
-0,027	0,272	-0,002	0,007	0,100	FALSE
-0,119	0,292	-0,002	0,010	0,083	FALSE
0,224	0,278	0,008	0,015	0,215	FALSE
-0,031	0,294	0,001	0,009	0,026	FALSE
-0,002	0,268	0,000	0,009	0,009	FALSE
0,040	0,283	0,001	0,007	0,031	FALSE
0,014	0,297	0,001	0,010	0,025	FALSE
-0,117	0,283	-0,003	0,009	0,159	FALSE
0,045	0,303	0,001	0,008	0,037	FALSE
-0,042	0,271	-0,002	0,012	0,048	FALSE
0,142	0,275	0,005	0,014	0,137	FALSE
-0,039	0,299	0,000	0,008	0,020	FALSE
0,171	0,278	0,007	0,014	0,206	FALSE
0,125	0,293	0,002	0,009	0,096	FALSE
0,034	0,282	0,003	0,010	0,097	FALSE
-0,107	0,280	-0,007	0,013	0,221	FALSE
0,082	0,281	0,004	0,011	0,128	FALSE
-0,056	0,295	-0,004	0,012	0,122	FALSE
0,033	0,286	0,001	0,008	0,042	FALSE
-0,012	0,296	0,000	0,007	0,020	FALSE
-0,006	0,291	-0,002	0,010	0,076	FALSE
-0,055	0,285	0,000	0,008	0,003	FALSE
-0,215	0,285	-0,006	0,009	0,276	FALSE
-0,125	0,269	-0,006	0,013	0,190	FALSE
0,154	0,296	0,005	0,008	0,229	FALSE
-0,060	0,288	-0,002	0,013	0,051	FALSE
-0,001	0,274	0,001	0,012	0,022	FALSE
0,073	0,299	0,003	0,008	0,125	FALSE
-0,097	0,288	-0,003	0,007	0,164	FALSE
0,126	0,301	0,004	0,009	0,185	FALSE
0,042	0,287	0,002	0,008	0,098	FALSE
-0,146	0,284	-0,003	0,010	0,126	FALSE
0,140	0,287	0,005	0,008	0,303	FALSE
0,106	0,297	0,004	0,012	0,134	FALSE

0,071	0,290	0,003	0,013	0,093	FALSE
-0,037	0,294	-0,002	0,011	0,082	FALSE
-0,013	0,277	0,002	0,014	0,048	FALSE
-0,052	0,282	-0,005	0,015	0,123	FALSE
0,045	0,280	0,002	0,011	0,078	FALSE
0,001	0,280	0,002	0,008	0,099	FALSE
-0,022	0,276	0,001	0,010	0,036	FALSE
-0,125	0,285	-0,003	0,011	0,097	FALSE
-0,116	0,290	-0,003	0,011	0,091	FALSE
-0,117	0,288	-0,003	0,012	0,107	FALSE
-0,140	0,273	-0,004	0,010	0,154	FALSE
-0,132	0,278	-0,003	0,011	0,114	FALSE
0,055	0,287	0,001	0,014	0,032	FALSE
-0,005	0,279	0,001	0,009	0,060	FALSE
0,000	0,292	-0,001	0,012	0,019	FALSE
-0,011	0,289	0,000	0,012	0,011	FALSE
0,020	0,297	0,001	0,010	0,054	FALSE
-0,059	0,288	-0,003	0,012	0,101	FALSE
0,161	0,273	0,003	0,008	0,149	FALSE
0,100	0,270	0,007	0,015	0,184	FALSE
0,200	0,278	0,004	0,007	0,231	FALSE
0,253	0,279	0,007	0,010	0,287	FALSE
-0,039	0,300	-0,001	0,008	0,043	FALSE
0,026	0,290	0,001	0,008	0,070	FALSE
0,175	0,279	0,005	0,009	0,250	FALSE
0,004	0,298	0,000	0,009	0,018	FALSE
0,020	0,300	0,002	0,010	0,062	FALSE
-0,012	0,279	0,000	0,013	0,001	FALSE
-0,116	0,277	-0,003	0,014	0,094	FALSE
-0,012	0,304	0,000	0,014	0,001	FALSE
-0,062	0,281	-0,002	0,009	0,104	FALSE
-0,094	0,293	-0,004	0,015	0,109	FALSE
-0,040	0,288	0,000	0,010	0,003	FALSE
-0,051	0,283	0,000	0,011	0,015	FALSE
-0,011	0,289	0,000	0,011	0,012	FALSE
-0,013	0,289	0,000	0,007	0,021	FALSE
-0,074	0,283	-0,001	0,012	0,038	FALSE
0,026	0,280	0,003	0,011	0,086	FALSE
-0,078	0,280	0,000	0,009	0,014	FALSE
0,030	0,294	0,000	0,014	0,004	FALSE
-0,063	0,290	-0,003	0,008	0,124	FALSE
0,044	0,297	0,002	0,013	0,050	FALSE
0,072	0,278	0,001	0,012	0,041	FALSE
0,098	0,286	0,004	0,012	0,112	FALSE
0,067	0,291	0,001	0,015	0,030	FALSE
0,062	0,283	0,001	0,015	0,015	FALSE
0,144	0,270	0,003	0,009	0,121	FALSE
-0,026	0,280	-0,001	0,012	0,035	FALSE
-0,017	0,289	-0,003	0,013	0,073	FALSE
-0,055	0,285	-0,004	0,014	0,108	FALSE
0,004	0,301	0,000	0,010	0,014	FALSE
-0,056	0,267	-0,004	0,014	0,122	FALSE
-0,170	0,277	-0,006	0,015	0,160	FALSE

-0,096	0,263	-0,003	0,009	0,116	FALSE
-0,074	0,296	-0,001	0,008	0,040	FALSE
-0,012	0,289	0,001	0,013	0,034	FALSE
-0,163	0,286	-0,007	0,014	0,205	FALSE
0,053	0,277	0,001	0,007	0,056	FALSE
-0,074	0,288	-0,001	0,009	0,057	FALSE
0,084	0,290	0,003	0,009	0,129	FALSE
-0,040	0,264	-0,002	0,009	0,066	FALSE
-0,075	0,296	-0,003	0,010	0,114	FALSE
0,110	0,286	0,004	0,014	0,107	FALSE
0,096	0,278	0,003	0,013	0,085	FALSE
0,154	0,285	0,007	0,013	0,207	FALSE
-0,052	0,286	-0,003	0,008	0,128	FALSE
0,050	0,286	0,001	0,010	0,021	FALSE
-0,029	0,283	-0,003	0,015	0,073	FALSE
-0,047	0,282	-0,004	0,015	0,105	FALSE
-0,092	0,285	-0,001	0,010	0,019	FALSE
0,045	0,279	0,003	0,015	0,086	FALSE
0,123	0,270	0,003	0,013	0,078	FALSE
0,043	0,289	0,002	0,009	0,095	FALSE
-0,007	0,291	-0,001	0,009	0,021	FALSE
0,101	0,297	0,003	0,008	0,131	FALSE
0,049	0,286	0,001	0,015	0,014	FALSE
-0,035	0,287	-0,002	0,007	0,087	FALSE
0,065	0,267	0,002	0,013	0,056	FALSE
0,109	0,299	0,003	0,008	0,145	FALSE
-0,033	0,291	-0,003	0,015	0,078	FALSE
-0,009	0,281	-0,002	0,014	0,040	FALSE
-0,100	0,283	-0,004	0,012	0,142	FALSE
-0,174	0,291	-0,004	0,007	0,256	FALSE
0,079	0,292	0,004	0,015	0,120	FALSE
0,080	0,283	0,003	0,011	0,122	FALSE
0,148	0,286	0,003	0,008	0,137	FALSE
0,020	0,284	-0,001	0,008	0,035	FALSE
-0,035	0,281	-0,003	0,009	0,126	FALSE
0,098	0,282	0,003	0,008	0,156	FALSE
0,104	0,299	0,003	0,008	0,151	FALSE
0,065	0,293	0,004	0,009	0,180	FALSE
-0,018	0,292	0,001	0,014	0,014	FALSE
0,019	0,289	0,001	0,010	0,046	FALSE
-0,056	0,286	-0,001	0,009	0,045	FALSE
0,144	0,284	0,006	0,014	0,183	FALSE
0,028	0,279	-0,001	0,008	0,027	FALSE
0,031	0,288	0,001	0,011	0,022	FALSE
0,013	0,283	0,000	0,010	0,013	FALSE
-0,001	0,294	-0,001	0,010	0,037	FALSE
-0,003	0,290	0,001	0,010	0,046	FALSE
-0,056	0,287	0,000	0,010	0,008	FALSE
-0,038	0,275	0,000	0,008	0,021	FALSE
0,007	0,279	0,001	0,008	0,048	FALSE
-0,090	0,291	-0,002	0,011	0,067	FALSE
0,067	0,289	0,002	0,007	0,094	FALSE
0,075	0,278	0,002	0,007	0,112	FALSE

-0,186	0,287	-0,005	0,009	0,248	FALSE
-0,166	0,287	-0,005	0,008	0,236	FALSE
-0,143	0,294	-0,004	0,009	0,184	FALSE
-0,182	0,282	-0,005	0,009	0,264	FALSE
0,017	0,287	0,000	0,011	0,007	FALSE
0,087	0,299	0,003	0,014	0,086	FALSE
-0,072	0,290	-0,002	0,010	0,062	FALSE
-0,163	0,284	-0,005	0,011	0,193	FALSE
-0,220	0,276	-0,007	0,010	0,291	FALSE
0,150	0,278	0,004	0,008	0,170	FALSE
-0,057	0,301	0,000	0,009	0,009	FALSE
-0,186	0,289	-0,004	0,008	0,248	FALSE
0,094	0,264	0,002	0,007	0,106	FALSE
0,123	0,285	0,003	0,009	0,117	FALSE
-0,013	0,295	0,001	0,014	0,030	FALSE
0,095	0,277	0,002	0,010	0,065	FALSE
0,050	0,289	-0,001	0,012	0,021	FALSE
-0,171	0,281	-0,005	0,007	0,298	FALSE
-0,123	0,291	-0,003	0,009	0,152	FALSE
-0,138	0,291	-0,007	0,015	0,185	FALSE
0,081	0,292	0,001	0,008	0,064	FALSE
-0,021	0,287	-0,002	0,015	0,039	FALSE
-0,099	0,267	-0,005	0,014	0,138	FALSE
0,181	0,284	0,006	0,010	0,276	FALSE
-0,127	0,298	-0,004	0,011	0,162	FALSE
-0,018	0,275	0,001	0,010	0,026	FALSE
0,156	0,269	0,006	0,009	0,284	FALSE
-0,096	0,269	-0,002	0,010	0,064	FALSE
0,024	0,278	-0,001	0,015	0,017	FALSE
0,048	0,297	0,003	0,014	0,076	FALSE
0,102	0,279	0,003	0,010	0,111	FALSE
0,117	0,283	0,004	0,010	0,136	FALSE
-0,037	0,276	-0,001	0,011	0,029	FALSE
0,039	0,291	0,001	0,009	0,036	FALSE
0,176	0,280	0,007	0,012	0,265	FALSE
0,131	0,289	0,006	0,013	0,191	FALSE
-0,096	0,297	-0,005	0,013	0,169	FALSE
0,039	0,291	0,002	0,014	0,061	FALSE
-0,052	0,280	-0,003	0,015	0,069	FALSE
-0,116	0,287	-0,005	0,013	0,146	FALSE
-0,068	0,285	-0,002	0,015	0,063	FALSE
-0,034	0,299	-0,001	0,015	0,018	FALSE
0,127	0,289	0,005	0,013	0,161	FALSE
0,141	0,287	0,003	0,009	0,124	FALSE
-0,077	0,278	-0,002	0,008	0,100	FALSE
-0,116	0,277	-0,002	0,009	0,093	FALSE
0,188	0,281	0,009	0,014	0,293	FALSE
0,220	0,268	0,011	0,013	0,390	FALSE
-0,041	0,283	-0,001	0,007	0,041	FALSE
-0,006	0,295	0,001	0,008	0,023	FALSE
0,039	0,283	0,003	0,015	0,070	FALSE
0,179	0,276	0,008	0,015	0,228	FALSE
0,018	0,285	0,000	0,009	0,017	FALSE

0,087	0,293	0,003	0,012	0,102	FALSE
0,133	0,281	0,003	0,011	0,105	FALSE
0,166	0,278	0,006	0,013	0,202	FALSE
-0,137	0,275	-0,005	0,009	0,265	FALSE
0,005	0,292	-0,001	0,010	0,031	FALSE
0,272	0,281	0,007	0,009	0,407	FALSE
0,008	0,283	-0,001	0,008	0,040	FALSE
-0,008	0,291	-0,002	0,012	0,069	FALSE
0,082	0,287	0,004	0,014	0,096	FALSE
-0,125	0,282	-0,002	0,007	0,106	FALSE
-0,047	0,306	-0,005	0,015	0,120	FALSE
-0,023	0,290	-0,001	0,008	0,039	FALSE
-0,110	0,285	-0,004	0,014	0,116	FALSE
0,130	0,283	0,005	0,009	0,244	FALSE
0,077	0,297	0,005	0,015	0,137	FALSE
-0,115	0,284	-0,003	0,010	0,111	FALSE
0,013	0,298	0,001	0,009	0,056	FALSE
-0,084	0,283	-0,001	0,007	0,055	FALSE
0,021	0,284	0,001	0,010	0,045	FALSE
-0,002	0,293	0,001	0,014	0,015	FALSE
-0,154	0,296	-0,005	0,015	0,123	FALSE
-0,074	0,292	-0,002	0,010	0,089	FALSE
-0,027	0,285	0,000	0,010	0,007	FALSE
0,140	0,277	0,005	0,011	0,196	FALSE
0,112	0,290	0,004	0,015	0,110	FALSE
0,144	0,292	0,003	0,008	0,169	FALSE
0,109	0,286	0,003	0,009	0,123	FALSE
0,188	0,291	0,005	0,009	0,235	FALSE
-0,107	0,272	-0,006	0,010	0,249	FALSE
-0,120	0,289	-0,009	0,015	0,271	FALSE
0,192	0,272	0,009	0,012	0,342	FALSE
0,181	0,291	0,009	0,013	0,296	FALSE
0,087	0,293	0,000	0,014	0,011	FALSE
0,177	0,285	0,009	0,013	0,292	FALSE
0,106	0,277	0,004	0,015	0,118	FALSE
0,043	0,274	0,000	0,014	0,004	FALSE
0,025	0,273	-0,002	0,010	0,058	FALSE
0,054	0,272	-0,001	0,012	0,023	FALSE
0,037	0,282	-0,001	0,011	0,049	FALSE
0,011	0,292	0,000	0,012	0,004	FALSE
0,200	0,290	0,005	0,008	0,292	FALSE
-0,143	0,271	-0,004	0,008	0,195	FALSE
0,036	0,283	0,001	0,010	0,047	FALSE
-0,032	0,285	0,000	0,015	0,006	FALSE
0,093	0,282	0,002	0,013	0,062	FALSE
0,122	0,284	0,003	0,014	0,095	FALSE
0,051	0,282	-0,001	0,013	0,016	FALSE
-0,081	0,291	-0,003	0,012	0,084	FALSE
0,000	0,293	0,000	0,008	0,009	FALSE
-0,219	0,282	-0,007	0,010	0,308	FALSE
-0,138	0,274	-0,004	0,007	0,233	FALSE
0,023	0,269	0,000	0,014	0,012	FALSE
-0,131	0,297	-0,005	0,012	0,166	FALSE

0,034	0,286	0,001	0,008	0,036	FALSE
-0,088	0,282	-0,004	0,014	0,098	FALSE
-0,110	0,281	-0,003	0,012	0,087	FALSE
-0,032	0,289	0,000	0,014	0,012	FALSE
0,203	0,286	0,004	0,010	0,170	FALSE
0,044	0,285	0,001	0,008	0,036	FALSE
0,025	0,284	0,000	0,009	0,012	FALSE
0,066	0,285	0,003	0,014	0,078	FALSE
0,030	0,296	0,000	0,015	0,008	FALSE
0,014	0,292	0,000	0,012	0,010	FALSE
-0,021	0,276	0,002	0,013	0,057	FALSE
0,016	0,294	0,003	0,015	0,066	FALSE
0,113	0,295	0,004	0,011	0,137	FALSE
-0,082	0,281	-0,002	0,014	0,047	FALSE
0,022	0,288	0,001	0,014	0,034	FALSE
-0,077	0,290	-0,003	0,013	0,101	FALSE
-0,045	0,297	-0,002	0,013	0,062	FALSE
-0,049	0,287	-0,002	0,010	0,081	FALSE
0,088	0,285	0,000	0,010	0,012	FALSE
0,037	0,290	0,000	0,014	0,011	FALSE
-0,091	0,296	-0,002	0,010	0,077	FALSE
0,085	0,275	0,005	0,014	0,133	FALSE
-0,107	0,270	-0,004	0,007	0,205	FALSE
-0,150	0,277	-0,005	0,012	0,170	FALSE
0,031	0,277	0,001	0,010	0,042	FALSE
0,059	0,267	0,003	0,014	0,070	FALSE
0,060	0,277	0,002	0,012	0,062	FALSE
0,164	0,280	0,004	0,013	0,143	FALSE
-0,147	0,263	-0,007	0,012	0,250	FALSE
-0,023	0,285	-0,001	0,012	0,022	FALSE
-0,036	0,269	0,000	0,007	0,011	FALSE
-0,153	0,290	-0,008	0,014	0,246	FALSE
-0,154	0,267	-0,007	0,014	0,217	FALSE
0,018	0,284	-0,001	0,009	0,052	FALSE
-0,065	0,299	-0,006	0,015	0,154	FALSE
-0,017	0,290	0,000	0,015	0,012	FALSE
-0,031	0,281	0,000	0,014	0,001	FALSE
-0,022	0,288	-0,004	0,015	0,091	FALSE
-0,077	0,291	-0,004	0,013	0,100	FALSE
-0,031	0,295	-0,001	0,014	0,038	FALSE
0,078	0,292	0,000	0,010	0,009	FALSE
0,072	0,282	0,000	0,009	0,012	FALSE
0,121	0,293	0,003	0,008	0,153	FALSE
0,073	0,282	0,001	0,009	0,034	FALSE
0,028	0,304	-0,002	0,013	0,041	FALSE
0,241	0,270	0,010	0,011	0,440	FALSE
-0,020	0,262	-0,001	0,008	0,023	FALSE
-0,139	0,279	-0,006	0,015	0,168	FALSE
0,239	0,244	0,007	0,012	0,266	FALSE
0,217	0,275	0,006	0,013	0,197	FALSE
0,205	0,274	0,006	0,013	0,185	FALSE
0,101	0,299	0,003	0,010	0,105	FALSE
0,235	0,273	0,012	0,015	0,357	FALSE

-0,155	0,286	-0,007	0,015	0,205	FALSE
-0,096	0,282	-0,004	0,009	0,158	FALSE
0,071	0,271	0,002	0,009	0,097	FALSE
0,003	0,291	0,001	0,009	0,047	FALSE
0,046	0,295	0,001	0,010	0,033	FALSE
0,049	0,280	0,002	0,014	0,053	FALSE
0,064	0,281	0,002	0,009	0,074	FALSE
-0,175	0,282	-0,009	0,013	0,305	FALSE
-0,007	0,270	-0,001	0,009	0,026	FALSE
0,011	0,292	0,000	0,009	0,000	FALSE
0,062	0,276	0,001	0,009	0,041	FALSE
-0,196	0,271	-0,006	0,013	0,201	FALSE
0,241	0,288	0,009	0,014	0,291	FALSE
0,178	0,273	0,011	0,015	0,324	FALSE
0,089	0,284	0,004	0,011	0,165	FALSE
0,025	0,305	0,001	0,009	0,050	FALSE
-0,032	0,286	-0,001	0,007	0,026	FALSE
-0,047	0,299	-0,001	0,010	0,029	FALSE
-0,026	0,293	0,000	0,008	0,002	FALSE
0,189	0,265	0,004	0,008	0,249	FALSE
0,064	0,291	0,000	0,011	0,012	FALSE
0,077	0,280	0,003	0,010	0,130	FALSE
0,020	0,296	0,003	0,013	0,071	FALSE
0,089	0,276	0,003	0,010	0,128	FALSE
0,035	0,273	-0,001	0,012	0,015	FALSE
-0,085	0,280	-0,005	0,013	0,144	FALSE
-0,092	0,295	-0,007	0,015	0,211	FALSE
0,077	0,290	0,003	0,010	0,098	FALSE
-0,030	0,279	-0,004	0,014	0,098	FALSE
-0,093	0,279	-0,002	0,014	0,053	FALSE
-0,108	0,269	-0,003	0,008	0,157	FALSE
-0,088	0,272	-0,002	0,009	0,091	FALSE
-0,020	0,274	-0,001	0,009	0,035	FALSE
-0,047	0,288	-0,002	0,010	0,068	FALSE
-0,035	0,295	-0,001	0,008	0,034	FALSE
-0,002	0,286	0,000	0,008	0,020	FALSE
0,019	0,277	0,000	0,008	0,007	FALSE
-0,101	0,269	-0,006	0,010	0,266	FALSE
-0,151	0,288	-0,004	0,009	0,175	FALSE
-0,225	0,285	-0,006	0,009	0,291	FALSE
0,119	0,276	0,006	0,014	0,189	FALSE
-0,091	0,267	-0,003	0,011	0,093	FALSE
0,024	0,284	0,001	0,007	0,075	FALSE
0,000	0,300	0,000	0,013	0,009	FALSE
-0,012	0,289	-0,001	0,008	0,039	FALSE
-0,032	0,300	-0,001	0,015	0,012	FALSE
0,059	0,277	0,001	0,011	0,047	FALSE
-0,084	0,286	-0,001	0,008	0,050	FALSE
0,017	0,285	0,000	0,008	0,019	FALSE
0,052	0,298	0,001	0,010	0,052	FALSE
0,015	0,289	0,001	0,008	0,050	FALSE
-0,025	0,277	0,001	0,011	0,028	FALSE
-0,116	0,277	-0,003	0,010	0,134	FALSE

-0,095	0,291	-0,003	0,008	0,121	FALSE
0,192	0,284	0,005	0,008	0,254	FALSE
-0,009	0,295	0,000	0,010	0,017	FALSE
-0,060	0,290	-0,004	0,009	0,180	FALSE
-0,024	0,298	-0,003	0,009	0,117	FALSE
-0,032	0,288	0,001	0,007	0,063	FALSE
-0,058	0,297	-0,001	0,015	0,018	FALSE
0,054	0,277	0,001	0,008	0,059	FALSE
0,041	0,286	0,001	0,009	0,051	FALSE
0,011	0,296	-0,001	0,009	0,021	FALSE
0,033	0,276	0,002	0,009	0,065	FALSE
-0,093	0,287	-0,003	0,014	0,084	FALSE
0,053	0,285	0,000	0,014	0,006	FALSE
0,084	0,284	0,001	0,013	0,037	FALSE
-0,081	0,294	-0,002	0,014	0,062	FALSE
0,056	0,268	0,000	0,009	0,009	FALSE
0,111	0,279	0,001	0,011	0,022	FALSE
-0,009	0,276	0,000	0,008	0,007	FALSE
-0,181	0,291	-0,011	0,015	0,324	FALSE
-0,004	0,284	0,001	0,012	0,044	FALSE
-0,108	0,295	-0,006	0,013	0,212	FALSE
-0,053	0,288	-0,002	0,007	0,120	FALSE
0,171	0,286	0,005	0,007	0,309	FALSE
0,019	0,277	0,000	0,010	0,011	FALSE
-0,080	0,288	-0,002	0,014	0,057	FALSE
0,126	0,281	0,002	0,009	0,084	FALSE
-0,052	0,282	-0,003	0,009	0,107	FALSE
-0,015	0,289	0,004	0,014	0,097	FALSE
0,017	0,282	0,001	0,013	0,015	FALSE
-0,124	0,294	-0,005	0,010	0,199	FALSE
-0,008	0,267	0,003	0,014	0,072	FALSE
-0,036	0,302	-0,002	0,013	0,056	FALSE
-0,135	0,283	-0,007	0,015	0,202	FALSE
0,062	0,281	0,001	0,009	0,039	FALSE
-0,022	0,282	-0,001	0,011	0,018	FALSE
-0,093	0,277	-0,003	0,015	0,070	FALSE
-0,187	0,269	-0,009	0,013	0,326	FALSE
0,098	0,285	0,004	0,011	0,143	FALSE
-0,023	0,284	0,000	0,013	0,008	FALSE
-0,199	0,287	-0,010	0,015	0,303	FALSE
-0,063	0,304	-0,002	0,014	0,049	FALSE
-0,170	0,278	-0,007	0,013	0,235	FALSE
0,246	0,282	0,006	0,008	0,379	FALSE
-0,022	0,277	-0,002	0,012	0,048	FALSE
-0,019	0,279	0,001	0,010	0,039	FALSE
0,007	0,283	0,003	0,014	0,069	FALSE
0,043	0,286	0,001	0,008	0,065	FALSE
0,200	0,298	0,005	0,007	0,300	FALSE
-0,212	0,280	-0,008	0,014	0,264	FALSE
-0,168	0,273	-0,006	0,010	0,244	FALSE
0,005	0,295	0,000	0,010	0,013	FALSE
0,051	0,287	0,001	0,010	0,056	FALSE
0,099	0,277	0,002	0,012	0,066	FALSE

-0,187	0,278	-0,008	0,013	0,271	FALSE
-0,069	0,301	-0,004	0,014	0,094	FALSE
-0,059	0,278	-0,001	0,010	0,041	FALSE
0,024	0,284	0,002	0,012	0,073	FALSE
0,047	0,297	0,001	0,012	0,041	FALSE
0,020	0,303	0,000	0,013	0,011	FALSE
-0,257	0,274	-0,007	0,009	0,353	FALSE
0,023	0,274	0,003	0,009	0,128	FALSE
-0,114	0,280	-0,002	0,008	0,105	FALSE
-0,073	0,292	-0,004	0,011	0,145	FALSE
0,145	0,290	0,003	0,009	0,138	FALSE
0,020	0,284	0,000	0,008	0,002	FALSE
-0,101	0,286	-0,003	0,009	0,103	FALSE
0,112	0,286	0,003	0,011	0,107	FALSE
0,188	0,291	0,004	0,010	0,166	FALSE
-0,188	0,274	-0,008	0,014	0,271	FALSE
-0,135	0,267	-0,005	0,012	0,176	FALSE
-0,055	0,285	-0,003	0,011	0,117	FALSE
-0,111	0,286	-0,006	0,012	0,203	FALSE
-0,102	0,279	-0,003	0,011	0,112	FALSE
-0,033	0,292	0,000	0,010	0,003	FALSE
-0,150	0,277	-0,006	0,013	0,174	FALSE
-0,133	0,291	-0,005	0,014	0,150	FALSE
0,112	0,289	0,003	0,012	0,097	FALSE
-0,062	0,291	-0,004	0,016	0,087	FALSE
-0,025	0,293	0,000	0,012	0,011	FALSE
0,024	0,287	0,002	0,015	0,053	FALSE
0,081	0,280	0,003	0,008	0,141	FALSE
0,088	0,289	0,005	0,015	0,121	FALSE
-0,010	0,293	0,000	0,012	0,013	FALSE
-0,116	0,284	-0,003	0,011	0,123	FALSE
0,152	0,273	0,005	0,014	0,148	FALSE
0,109	0,271	0,001	0,008	0,062	FALSE
0,097	0,290	0,003	0,009	0,144	FALSE
0,029	0,286	0,001	0,010	0,049	FALSE
0,102	0,289	0,002	0,009	0,094	FALSE
0,138	0,289	0,004	0,010	0,160	FALSE
0,019	0,296	0,000	0,014	0,004	FALSE
0,003	0,282	-0,002	0,009	0,100	FALSE
-0,004	0,280	0,000	0,009	0,008	FALSE
-0,092	0,285	-0,005	0,010	0,199	FALSE
-0,158	0,269	-0,007	0,010	0,348	FALSE
-0,141	0,264	-0,006	0,009	0,320	FALSE
0,020	0,287	0,002	0,008	0,089	FALSE
0,137	0,284	0,002	0,009	0,096	FALSE
0,015	0,286	-0,002	0,013	0,072	FALSE
0,005	0,272	0,004	0,014	0,104	FALSE
0,026	0,270	-0,003	0,012	0,103	FALSE
0,010	0,278	0,004	0,015	0,113	FALSE
-0,005	0,270	-0,004	0,011	0,157	FALSE
0,020	0,294	0,002	0,008	0,085	FALSE
0,007	0,291	0,001	0,014	0,012	FALSE
0,047	0,279	0,003	0,014	0,076	FALSE

-0,040	0,295	-0,001	0,010	0,039	FALSE
0,098	0,281	0,001	0,009	0,039	FALSE
0,077	0,281	0,001	0,015	0,026	FALSE
0,047	0,292	0,001	0,011	0,038	FALSE
0,059	0,286	0,002	0,011	0,056	FALSE
0,093	0,270	0,001	0,009	0,041	FALSE
0,077	0,295	0,004	0,015	0,092	FALSE
0,045	0,291	0,001	0,012	0,039	FALSE
-0,031	0,287	0,001	0,008	0,023	FALSE
0,132	0,278	0,004	0,009	0,159	FALSE
-0,089	0,287	-0,002	0,012	0,047	FALSE
0,066	0,280	0,001	0,009	0,055	FALSE
-0,067	0,285	0,000	0,013	0,004	FALSE
0,011	0,292	0,000	0,015	0,004	FALSE
0,018	0,298	0,000	0,014	0,010	FALSE
0,081	0,287	0,002	0,011	0,053	FALSE
0,033	0,286	0,000	0,015	0,011	FALSE
-0,020	0,298	0,000	0,014	0,006	FALSE
-0,007	0,293	0,000	0,014	0,002	FALSE
-0,065	0,283	-0,003	0,014	0,069	FALSE
0,231	0,268	0,008	0,012	0,286	FALSE
0,024	0,293	0,000	0,012	0,005	FALSE
0,262	0,265	0,007	0,010	0,352	FALSE
0,097	0,285	0,004	0,012	0,138	FALSE
0,086	0,291	0,002	0,010	0,071	FALSE
-0,004	0,290	-0,001	0,008	0,037	FALSE
0,109	0,292	0,004	0,013	0,128	FALSE
0,003	0,299	-0,001	0,008	0,044	FALSE
-0,098	0,289	-0,002	0,009	0,109	FALSE
0,084	0,286	0,008	0,012	0,280	FALSE
0,137	0,286	0,009	0,013	0,335	FALSE
-0,137	0,286	-0,008	0,013	0,266	FALSE
0,041	0,301	0,003	0,015	0,086	FALSE
0,147	0,282	0,010	0,013	0,360	FALSE
-0,148	0,279	-0,008	0,013	0,266	FALSE
-0,128	0,300	-0,006	0,012	0,216	FALSE
0,053	0,272	0,005	0,014	0,137	FALSE
-0,130	0,274	-0,007	0,013	0,240	FALSE
-0,133	0,290	-0,008	0,013	0,261	FALSE
-0,092	0,298	-0,005	0,013	0,166	FALSE
-0,071	0,281	-0,003	0,008	0,182	FALSE
-0,107	0,295	-0,004	0,011	0,125	FALSE
0,020	0,275	0,001	0,010	0,035	FALSE
-0,171	0,288	-0,005	0,010	0,213	FALSE
-0,159	0,279	-0,004	0,010	0,180	FALSE
-0,073	0,296	-0,005	0,014	0,136	FALSE
0,125	0,279	0,001	0,008	0,037	FALSE
0,016	0,297	0,001	0,008	0,044	FALSE
-0,046	0,288	-0,001	0,013	0,025	FALSE
-0,020	0,283	0,000	0,013	0,011	FALSE
-0,053	0,287	-0,001	0,013	0,029	FALSE
0,144	0,295	0,002	0,008	0,097	FALSE
-0,031	0,297	-0,001	0,014	0,013	FALSE

-0,030	0,285	-0,001	0,012	0,039	FALSE
0,079	0,290	0,001	0,011	0,031	FALSE
-0,112	0,278	-0,003	0,008	0,148	FALSE
0,064	0,289	0,003	0,014	0,087	FALSE
-0,008	0,287	-0,001	0,008	0,027	FALSE
-0,096	0,285	-0,003	0,007	0,156	FALSE
-0,106	0,285	-0,001	0,013	0,039	FALSE
0,006	0,282	-0,001	0,010	0,044	FALSE
0,011	0,284	-0,001	0,012	0,042	FALSE
0,045	0,278	0,001	0,009	0,035	FALSE
-0,086	0,277	-0,005	0,012	0,164	FALSE
-0,186	0,261	-0,009	0,013	0,341	FALSE
0,107	0,289	0,003	0,010	0,097	FALSE
0,078	0,289	0,002	0,010	0,069	FALSE
0,190	0,270	0,008	0,012	0,323	FALSE
-0,130	0,276	-0,005	0,009	0,198	FALSE
0,128	0,281	0,003	0,008	0,127	FALSE
-0,171	0,290	-0,008	0,012	0,292	FALSE
0,034	0,265	0,000	0,007	0,017	FALSE
-0,128	0,282	-0,007	0,013	0,219	FALSE
-0,045	0,289	-0,001	0,008	0,024	FALSE
0,002	0,287	0,001	0,009	0,055	FALSE
-0,017	0,278	0,001	0,009	0,043	FALSE
0,023	0,269	0,002	0,007	0,131	FALSE
-0,024	0,283	0,001	0,008	0,041	FALSE
0,036	0,279	0,001	0,008	0,058	FALSE
0,048	0,289	0,002	0,008	0,127	FALSE
0,093	0,273	0,002	0,009	0,097	FALSE
-0,111	0,298	-0,002	0,008	0,109	FALSE
0,042	0,290	0,000	0,012	0,004	FALSE
0,201	0,265	0,008	0,012	0,292	FALSE
-0,066	0,279	-0,001	0,008	0,042	FALSE
0,103	0,290	0,002	0,007	0,119	FALSE
-0,141	0,290	-0,003	0,009	0,149	FALSE
0,236	0,253	0,004	0,008	0,227	FALSE
-0,070	0,295	-0,001	0,007	0,070	FALSE
-0,035	0,289	0,000	0,011	0,013	FALSE
-0,040	0,271	0,000	0,010	0,001	FALSE
0,132	0,289	0,004	0,008	0,219	FALSE
-0,068	0,283	-0,002	0,008	0,102	FALSE
-0,023	0,291	0,000	0,015	0,001	FALSE
-0,031	0,292	0,000	0,011	0,007	FALSE
0,211	0,276	0,008	0,011	0,317	FALSE
0,042	0,266	-0,002	0,008	0,074	FALSE
0,119	0,274	0,004	0,011	0,161	FALSE
-0,032	0,284	-0,001	0,014	0,016	FALSE
-0,167	0,284	-0,007	0,012	0,261	FALSE
0,057	0,283	-0,001	0,008	0,028	FALSE
0,163	0,292	0,004	0,009	0,193	FALSE
0,015	0,287	-0,001	0,010	0,050	FALSE
0,013	0,288	-0,001	0,009	0,036	FALSE
0,143	0,288	0,004	0,010	0,154	FALSE
-0,126	0,282	-0,004	0,008	0,199	FALSE

-0,193	0,263	-0,005	0,009	0,215	FALSE
-0,041	0,281	-0,001	0,008	0,024	FALSE
0,033	0,279	0,000	0,009	0,001	FALSE
0,138	0,287	0,002	0,010	0,087	FALSE
0,131	0,300	0,002	0,011	0,071	FALSE
0,044	0,292	0,003	0,015	0,075	FALSE
-0,008	0,289	0,001	0,016	0,027	FALSE
-0,150	0,284	-0,007	0,012	0,259	FALSE
-0,113	0,283	-0,005	0,012	0,152	FALSE
0,160	0,277	0,004	0,011	0,151	FALSE
-0,204	0,281	-0,008	0,011	0,346	FALSE
0,013	0,288	0,002	0,014	0,051	FALSE
-0,109	0,286	-0,006	0,011	0,228	FALSE
-0,088	0,286	-0,006	0,012	0,215	FALSE
0,062	0,274	0,007	0,014	0,199	FALSE
-0,117	0,297	-0,005	0,014	0,157	FALSE
-0,025	0,286	-0,001	0,015	0,018	FALSE
0,021	0,288	0,001	0,009	0,043	FALSE
0,028	0,294	0,001	0,015	0,018	FALSE
0,144	0,269	0,003	0,009	0,118	FALSE
0,036	0,286	0,002	0,010	0,074	FALSE
-0,015	0,294	0,000	0,009	0,000	FALSE
0,172	0,283	0,002	0,011	0,084	FALSE
-0,060	0,283	-0,003	0,013	0,082	FALSE
0,202	0,285	0,005	0,007	0,311	FALSE
-0,012	0,281	0,000	0,009	0,019	FALSE
0,052	0,282	0,002	0,008	0,095	FALSE
0,140	0,277	0,001	0,007	0,055	FALSE
0,214	0,285	0,005	0,008	0,313	FALSE
-0,009	0,296	0,001	0,012	0,041	FALSE
0,075	0,288	0,003	0,008	0,134	FALSE
-0,015	0,288	-0,001	0,010	0,052	FALSE
-0,081	0,291	-0,003	0,010	0,144	FALSE
-0,069	0,299	-0,002	0,009	0,097	FALSE
-0,068	0,294	-0,002	0,010	0,099	FALSE
-0,034	0,285	-0,002	0,010	0,062	FALSE
-0,110	0,283	-0,002	0,008	0,116	FALSE
0,051	0,291	0,003	0,008	0,154	FALSE
-0,073	0,287	0,000	0,009	0,010	FALSE
-0,077	0,272	-0,001	0,008	0,028	FALSE
0,042	0,288	0,001	0,011	0,023	FALSE
-0,116	0,281	-0,003	0,012	0,090	FALSE
-0,057	0,290	-0,002	0,015	0,058	FALSE
0,096	0,283	0,002	0,008	0,069	FALSE
-0,132	0,290	-0,003	0,010	0,116	FALSE
0,027	0,280	0,000	0,008	0,016	FALSE
-0,017	0,285	0,001	0,014	0,018	FALSE
-0,121	0,279	-0,003	0,010	0,113	FALSE
-0,190	0,282	-0,004	0,011	0,142	FALSE
-0,168	0,276	-0,003	0,010	0,108	FALSE
-0,040	0,291	0,000	0,010	0,007	FALSE
-0,048	0,289	-0,001	0,010	0,029	FALSE
-0,157	0,278	-0,005	0,009	0,260	FALSE

-0,140	0,296	-0,007	0,013	0,202	FALSE
0,076	0,298	0,003	0,009	0,133	FALSE
0,019	0,293	-0,002	0,012	0,053	FALSE
0,014	0,288	0,000	0,010	0,002	FALSE
-0,038	0,298	-0,001	0,008	0,032	FALSE
0,037	0,300	0,003	0,010	0,100	FALSE
-0,018	0,282	-0,001	0,009	0,040	FALSE
0,075	0,278	0,002	0,013	0,055	FALSE
0,073	0,280	0,004	0,014	0,124	FALSE
-0,102	0,286	-0,002	0,009	0,104	FALSE
-0,115	0,270	-0,005	0,008	0,260	FALSE
0,060	0,282	0,002	0,007	0,084	FALSE
0,148	0,280	0,006	0,010	0,243	FALSE
-0,039	0,271	-0,002	0,010	0,091	FALSE
0,071	0,287	0,002	0,007	0,130	FALSE
0,097	0,291	0,003	0,014	0,094	FALSE
-0,020	0,269	-0,002	0,010	0,066	FALSE
0,001	0,278	-0,001	0,010	0,042	FALSE
-0,034	0,287	-0,002	0,011	0,087	FALSE
0,182	0,267	0,010	0,015	0,277	FALSE
-0,181	0,278	-0,008	0,012	0,303	FALSE
0,079	0,282	0,005	0,014	0,140	FALSE
-0,015	0,290	-0,002	0,015	0,049	FALSE
0,178	0,284	0,006	0,009	0,300	FALSE
-0,081	0,291	-0,003	0,013	0,089	FALSE
0,086	0,274	0,001	0,008	0,059	FALSE
0,017	0,294	-0,001	0,009	0,028	FALSE
-0,129	0,293	-0,003	0,008	0,131	FALSE
-0,032	0,266	-0,002	0,008	0,098	FALSE
0,114	0,301	0,005	0,014	0,149	FALSE
-0,135	0,285	-0,004	0,009	0,186	FALSE
-0,038	0,285	0,000	0,015	0,008	FALSE
0,108	0,279	0,003	0,014	0,070	FALSE
-0,100	0,277	-0,003	0,013	0,099	FALSE
-0,052	0,284	-0,001	0,007	0,073	FALSE
0,124	0,295	0,006	0,015	0,154	FALSE
0,155	0,278	0,006	0,013	0,211	FALSE
0,093	0,263	0,004	0,011	0,143	FALSE
0,040	0,288	-0,001	0,008	0,050	FALSE
0,152	0,262	0,008	0,014	0,252	FALSE
0,142	0,291	0,003	0,010	0,114	FALSE
-0,120	0,282	-0,004	0,014	0,100	FALSE
0,108	0,281	0,002	0,010	0,086	FALSE
0,017	0,283	0,000	0,015	0,009	FALSE
0,073	0,268	0,008	0,014	0,250	FALSE
0,071	0,279	0,007	0,015	0,208	FALSE
-0,050	0,276	-0,002	0,010	0,070	FALSE
0,053	0,284	0,002	0,010	0,078	FALSE
0,116	0,277	0,003	0,010	0,108	FALSE
-0,063	0,284	-0,007	0,015	0,193	FALSE
-0,118	0,290	-0,004	0,009	0,210	FALSE
0,204	0,290	0,005	0,008	0,281	FALSE
0,023	0,280	-0,002	0,014	0,039	FALSE

-0,052	0,286	-0,004	0,012	0,123	FALSE
-0,044	0,295	-0,003	0,012	0,085	FALSE
0,061	0,295	0,002	0,008	0,078	FALSE
-0,184	0,276	-0,004	0,014	0,112	FALSE
0,021	0,302	0,000	0,010	0,000	FALSE
-0,130	0,282	-0,004	0,010	0,162	FALSE
-0,054	0,289	-0,001	0,010	0,043	FALSE
-0,113	0,283	-0,002	0,014	0,060	FALSE
0,112	0,281	0,006	0,013	0,176	FALSE
-0,139	0,288	-0,003	0,011	0,104	FALSE
0,107	0,276	0,002	0,014	0,046	FALSE
-0,004	0,288	0,001	0,008	0,069	FALSE
-0,102	0,284	-0,002	0,007	0,130	FALSE
0,115	0,290	0,004	0,008	0,248	FALSE
-0,031	0,273	0,002	0,010	0,066	FALSE
-0,152	0,285	-0,004	0,008	0,196	FALSE
0,213	0,281	0,007	0,015	0,204	FALSE
-0,075	0,277	-0,003	0,015	0,077	FALSE
0,152	0,276	0,003	0,013	0,097	FALSE
-0,146	0,274	-0,005	0,015	0,122	FALSE
-0,137	0,299	-0,004	0,011	0,165	FALSE
0,062	0,279	0,007	0,014	0,200	FALSE
0,066	0,286	0,006	0,014	0,166	FALSE
-0,066	0,281	-0,003	0,010	0,107	FALSE
-0,031	0,298	0,000	0,008	0,000	FALSE
0,009	0,274	0,000	0,010	0,016	FALSE
0,118	0,282	0,003	0,012	0,105	FALSE
0,052	0,298	0,000	0,012	0,010	FALSE
-0,092	0,291	-0,003	0,014	0,078	FALSE
-0,069	0,289	-0,003	0,013	0,097	FALSE
-0,086	0,285	-0,002	0,010	0,091	FALSE
-0,023	0,302	-0,001	0,011	0,020	FALSE
-0,099	0,287	-0,004	0,014	0,115	FALSE
-0,003	0,296	-0,001	0,015	0,017	FALSE
-0,100	0,285	-0,005	0,015	0,125	FALSE
-0,070	0,288	-0,004	0,014	0,111	FALSE
0,133	0,279	0,003	0,009	0,144	FALSE
0,083	0,281	0,002	0,009	0,098	FALSE
-0,163	0,290	-0,006	0,011	0,258	FALSE
0,228	0,279	0,010	0,015	0,299	FALSE
0,169	0,275	0,006	0,011	0,228	FALSE
0,195	0,265	0,009	0,014	0,296	FALSE
0,069	0,298	0,001	0,009	0,058	FALSE
-0,027	0,291	-0,002	0,011	0,081	FALSE
-0,104	0,256	-0,004	0,011	0,148	FALSE
-0,136	0,267	-0,006	0,011	0,235	FALSE
0,105	0,280	0,002	0,010	0,086	FALSE
0,076	0,296	0,002	0,008	0,089	FALSE
-0,155	0,282	-0,003	0,009	0,117	FALSE
-0,070	0,279	-0,003	0,013	0,094	FALSE
0,045	0,286	0,001	0,012	0,032	FALSE
-0,214	0,282	-0,005	0,010	0,224	FALSE
0,088	0,285	0,001	0,008	0,065	FALSE

0,103	0,282	0,003	0,011	0,114	FALSE
-0,080	0,293	-0,003	0,010	0,139	FALSE
-0,043	0,288	-0,002	0,010	0,056	FALSE
0,039	0,304	0,003	0,014	0,093	FALSE
-0,063	0,297	0,000	0,011	0,004	FALSE
-0,033	0,280	-0,001	0,010	0,039	FALSE
0,075	0,295	0,005	0,013	0,158	FALSE
0,101	0,288	0,006	0,013	0,195	FALSE
0,079	0,292	0,001	0,008	0,035	FALSE
0,122	0,266	0,004	0,012	0,145	FALSE
0,007	0,278	0,002	0,009	0,084	FALSE
-0,009	0,293	0,000	0,008	0,009	FALSE
0,106	0,291	0,002	0,008	0,096	FALSE
0,023	0,288	0,002	0,015	0,059	FALSE
-0,045	0,287	-0,001	0,009	0,037	FALSE
-0,047	0,279	-0,003	0,015	0,076	FALSE
-0,018	0,276	-0,001	0,007	0,066	FALSE
-0,105	0,289	-0,005	0,012	0,181	FALSE
-0,011	0,292	0,001	0,007	0,040	FALSE
0,108	0,283	0,003	0,010	0,115	FALSE
-0,047	0,293	-0,004	0,013	0,102	FALSE
0,018	0,280	0,002	0,012	0,056	FALSE
0,203	0,272	0,004	0,010	0,186	FALSE
-0,002	0,292	0,000	0,008	0,010	FALSE
0,113	0,277	0,005	0,016	0,119	FALSE
-0,011	0,271	0,004	0,012	0,118	FALSE
-0,097	0,292	-0,005	0,015	0,125	FALSE
-0,037	0,284	-0,001	0,007	0,030	FALSE
0,122	0,296	0,003	0,008	0,137	FALSE
0,000	0,287	-0,001	0,012	0,030	FALSE
0,099	0,285	0,002	0,009	0,109	FALSE
-0,127	0,278	-0,004	0,009	0,193	FALSE
-0,024	0,294	0,000	0,009	0,018	FALSE
-0,196	0,256	-0,006	0,010	0,234	FALSE
-0,126	0,283	-0,003	0,008	0,165	FALSE
-0,104	0,283	-0,004	0,015	0,094	FALSE
0,149	0,305	0,005	0,010	0,187	FALSE
0,210	0,296	0,006	0,010	0,245	FALSE
0,016	0,286	0,001	0,014	0,030	FALSE
0,139	0,263	0,008	0,014	0,240	FALSE
-0,139	0,292	-0,007	0,015	0,213	FALSE
-0,005	0,295	0,001	0,013	0,037	FALSE
-0,038	0,302	-0,001	0,015	0,012	FALSE
0,084	0,280	0,003	0,014	0,076	FALSE
0,078	0,279	0,003	0,015	0,073	FALSE
-0,070	0,289	-0,001	0,007	0,053	FALSE
-0,049	0,285	-0,001	0,007	0,060	FALSE
-0,167	0,267	-0,006	0,012	0,216	FALSE
0,056	0,286	0,001	0,013	0,018	FALSE
0,070	0,284	0,001	0,013	0,022	FALSE
0,017	0,291	0,002	0,012	0,069	FALSE
0,027	0,300	-0,001	0,010	0,023	FALSE
-0,032	0,286	-0,003	0,013	0,096	FALSE

-0,025	0,281	-0,001	0,008	0,058	FALSE
0,074	0,276	0,002	0,011	0,071	FALSE
0,015	0,288	-0,002	0,014	0,038	FALSE
0,174	0,279	0,004	0,007	0,204	FALSE
0,054	0,278	0,000	0,014	0,008	FALSE
0,022	0,264	-0,001	0,013	0,025	FALSE
0,074	0,298	0,002	0,015	0,044	FALSE
0,008	0,275	0,001	0,010	0,025	FALSE
-0,078	0,291	-0,002	0,009	0,086	FALSE
0,073	0,293	0,003	0,011	0,093	FALSE
-0,186	0,284	-0,005	0,015	0,142	FALSE
-0,165	0,284	-0,005	0,015	0,123	FALSE
0,025	0,293	0,001	0,015	0,017	FALSE
-0,121	0,294	-0,004	0,011	0,122	FALSE
0,072	0,269	0,005	0,014	0,151	FALSE
0,159	0,285	0,005	0,011	0,179	FALSE
0,196	0,267	0,007	0,013	0,227	FALSE
0,138	0,272	0,006	0,014	0,191	FALSE
0,016	0,289	0,002	0,009	0,094	FALSE
-0,036	0,284	-0,005	0,014	0,157	FALSE
0,153	0,275	0,005	0,014	0,130	FALSE
-0,020	0,275	0,000	0,013	0,005	FALSE
0,058	0,279	0,002	0,009	0,089	FALSE
0,045	0,299	0,004	0,015	0,091	FALSE
0,101	0,280	0,005	0,015	0,125	FALSE
0,037	0,292	0,000	0,007	0,021	FALSE
0,124	0,285	0,006	0,015	0,146	FALSE
0,103	0,285	0,003	0,015	0,086	FALSE
0,117	0,286	0,004	0,015	0,116	FALSE
0,100	0,282	0,002	0,014	0,058	FALSE
0,114	0,293	0,003	0,014	0,081	FALSE
-0,285	0,252	-0,011	0,012	0,431	FALSE
-0,221	0,275	-0,013	0,014	0,439	FALSE
0,076	0,288	0,002	0,014	0,045	FALSE
-0,249	0,276	-0,010	0,013	0,348	FALSE
0,098	0,282	0,002	0,015	0,042	FALSE
0,013	0,280	-0,001	0,009	0,032	FALSE
0,075	0,289	0,001	0,010	0,029	FALSE
-0,005	0,284	0,000	0,008	0,001	FALSE
-0,165	0,295	-0,007	0,013	0,215	FALSE
0,023	0,291	-0,001	0,008	0,038	FALSE
0,236	0,273	0,004	0,008	0,236	FALSE
-0,015	0,286	0,000	0,010	0,014	FALSE
-0,102	0,287	-0,002	0,012	0,064	FALSE
-0,098	0,279	-0,004	0,015	0,120	FALSE
-0,114	0,277	-0,005	0,013	0,169	FALSE
0,063	0,295	0,002	0,011	0,077	FALSE
0,133	0,287	0,005	0,008	0,233	FALSE
0,100	0,272	0,004	0,015	0,099	FALSE
0,039	0,294	0,000	0,008	0,010	FALSE
-0,031	0,289	-0,002	0,012	0,067	FALSE
0,087	0,279	0,001	0,008	0,050	FALSE
-0,007	0,287	-0,002	0,010	0,071	FALSE

-0,257	0,258	-0,011	0,014	0,335	FALSE
0,128	0,294	0,002	0,008	0,099	FALSE
-0,103	0,269	-0,003	0,013	0,101	FALSE
0,100	0,293	0,002	0,008	0,075	FALSE
-0,012	0,278	-0,004	0,015	0,119	FALSE
0,004	0,280	-0,001	0,013	0,040	FALSE
-0,098	0,285	-0,003	0,013	0,095	FALSE
0,015	0,295	0,001	0,010	0,050	FALSE
0,015	0,283	0,001	0,009	0,031	FALSE
-0,060	0,298	-0,002	0,014	0,058	FALSE
-0,148	0,277	-0,004	0,007	0,222	FALSE
0,017	0,290	0,000	0,009	0,001	FALSE
0,049	0,295	0,001	0,010	0,033	FALSE
0,130	0,286	0,003	0,011	0,090	FALSE
0,098	0,289	0,003	0,014	0,075	FALSE
-0,002	0,294	-0,001	0,011	0,046	FALSE
0,147	0,289	0,004	0,010	0,160	FALSE
-0,010	0,278	-0,001	0,010	0,034	FALSE
0,000	0,285	0,001	0,011	0,030	FALSE
-0,070	0,288	-0,001	0,007	0,053	FALSE
-0,072	0,279	-0,001	0,008	0,052	FALSE
0,208	0,267	0,005	0,012	0,168	FALSE
0,019	0,288	0,001	0,008	0,028	FALSE
-0,119	0,281	-0,003	0,009	0,163	FALSE
0,038	0,289	0,002	0,013	0,047	FALSE
0,111	0,270	0,002	0,008	0,128	FALSE
-0,079	0,285	-0,002	0,015	0,058	FALSE
-0,029	0,287	-0,001	0,009	0,034	FALSE
-0,002	0,280	0,002	0,010	0,076	FALSE
-0,049	0,290	0,001	0,010	0,027	FALSE
-0,166	0,272	-0,003	0,009	0,124	FALSE
0,039	0,289	0,001	0,008	0,051	FALSE
-0,111	0,296	-0,004	0,014	0,106	FALSE
-0,011	0,268	0,000	0,009	0,016	FALSE
0,053	0,278	0,004	0,012	0,137	FALSE
0,144	0,281	0,003	0,010	0,119	FALSE
0,042	0,293	0,001	0,013	0,018	FALSE
0,185	0,285	0,007	0,015	0,201	FALSE
0,018	0,296	0,001	0,008	0,038	FALSE
-0,082	0,285	-0,001	0,014	0,014	FALSE
-0,049	0,299	0,000	0,014	0,013	FALSE
0,035	0,281	0,000	0,007	0,020	FALSE
0,085	0,292	0,002	0,012	0,060	FALSE
0,059	0,289	0,000	0,007	0,009	FALSE
-0,058	0,287	-0,003	0,011	0,116	FALSE
0,052	0,294	0,003	0,015	0,083	FALSE
-0,081	0,290	-0,001	0,011	0,045	FALSE
-0,062	0,284	-0,001	0,012	0,041	FALSE
-0,099	0,271	-0,002	0,011	0,069	FALSE
0,012	0,281	-0,002	0,014	0,060	FALSE
0,031	0,286	0,001	0,014	0,029	FALSE
-0,073	0,312	-0,003	0,015	0,077	FALSE
0,062	0,293	0,002	0,008	0,102	FALSE

-0,119	0,272	-0,006	0,013	0,170	FALSE
-0,037	0,290	-0,003	0,014	0,073	FALSE
-0,046	0,279	-0,002	0,008	0,086	FALSE
-0,170	0,284	-0,005	0,009	0,217	FALSE
-0,048	0,293	-0,001	0,008	0,055	FALSE
-0,063	0,285	-0,002	0,008	0,075	FALSE
-0,049	0,285	-0,002	0,009	0,101	FALSE
-0,206	0,289	-0,005	0,008	0,258	FALSE
-0,234	0,267	-0,010	0,012	0,370	FALSE
-0,062	0,284	-0,002	0,012	0,069	FALSE
-0,026	0,283	-0,002	0,010	0,093	FALSE
-0,117	0,283	-0,004	0,008	0,221	FALSE
0,098	0,279	0,002	0,013	0,052	FALSE
0,093	0,286	0,000	0,013	0,012	FALSE
0,014	0,283	0,001	0,008	0,052	FALSE
-0,022	0,282	0,001	0,010	0,049	FALSE
-0,024	0,284	-0,002	0,014	0,045	FALSE
-0,046	0,302	-0,004	0,016	0,084	FALSE
0,016	0,296	0,000	0,011	0,007	FALSE
0,120	0,300	0,003	0,010	0,114	FALSE
0,025	0,295	0,001	0,010	0,047	FALSE
0,077	0,273	0,002	0,010	0,070	FALSE
-0,067	0,293	-0,003	0,009	0,129	FALSE
-0,075	0,290	-0,003	0,010	0,143	FALSE
-0,060	0,283	-0,002	0,008	0,094	FALSE
0,060	0,288	0,003	0,011	0,103	FALSE
0,064	0,278	0,003	0,011	0,087	FALSE
0,017	0,294	0,001	0,011	0,031	FALSE
0,062	0,292	0,003	0,012	0,086	FALSE
0,041	0,282	0,002	0,011	0,061	FALSE
0,047	0,287	0,002	0,011	0,074	FALSE
0,032	0,295	0,001	0,011	0,043	FALSE
0,054	0,275	0,002	0,010	0,074	FALSE
0,170	0,289	0,010	0,015	0,283	FALSE
0,190	0,283	0,010	0,015	0,319	FALSE
-0,104	0,300	-0,004	0,015	0,096	FALSE
-0,066	0,286	-0,004	0,011	0,129	FALSE
0,278	0,281	0,010	0,013	0,383	FALSE
0,281	0,279	0,011	0,013	0,394	FALSE
-0,010	0,281	-0,001	0,015	0,026	FALSE
-0,176	0,275	-0,006	0,009	0,307	FALSE
0,007	0,274	0,001	0,013	0,031	FALSE
0,024	0,267	-0,002	0,011	0,056	FALSE
0,065	0,292	0,002	0,009	0,090	FALSE
-0,061	0,293	-0,001	0,009	0,055	FALSE
0,069	0,290	0,000	0,007	0,014	FALSE
0,033	0,280	0,001	0,008	0,033	FALSE
-0,028	0,288	0,001	0,015	0,020	FALSE
0,128	0,283	0,003	0,008	0,140	FALSE
-0,219	0,270	-0,005	0,008	0,292	FALSE
-0,107	0,294	-0,004	0,013	0,105	FALSE
-0,087	0,292	-0,003	0,012	0,108	FALSE
-0,008	0,303	0,002	0,015	0,040	FALSE

-0,032	0,283	-0,004	0,010	0,153	FALSE
0,052	0,283	0,001	0,010	0,030	FALSE
-0,044	0,286	-0,003	0,011	0,111	FALSE
0,019	0,290	0,002	0,012	0,062	FALSE
0,026	0,286	0,001	0,010	0,033	FALSE
-0,090	0,282	-0,003	0,009	0,108	FALSE
0,080	0,282	0,002	0,010	0,088	FALSE
-0,014	0,285	-0,002	0,008	0,072	FALSE
0,200	0,284	0,005	0,007	0,294	FALSE
0,103	0,290	0,004	0,010	0,180	FALSE
-0,038	0,279	-0,002	0,014	0,040	FALSE
-0,328	0,264	-0,015	0,013	0,603	FALSE
-0,097	0,289	-0,002	0,008	0,117	FALSE
-0,136	0,293	-0,006	0,015	0,167	FALSE
-0,056	0,293	-0,001	0,012	0,041	FALSE
0,027	0,281	-0,001	0,009	0,056	FALSE
-0,100	0,276	-0,008	0,014	0,245	FALSE
-0,182	0,288	-0,011	0,014	0,355	TRUE
-0,045	0,282	-0,003	0,011	0,091	FALSE
0,012	0,280	0,001	0,009	0,036	FALSE
0,096	0,295	0,001	0,012	0,030	FALSE
0,168	0,282	0,006	0,009	0,294	FALSE
0,121	0,282	0,005	0,009	0,211	FALSE
0,146	0,284	0,005	0,009	0,245	FALSE
0,078	0,266	0,005	0,013	0,160	FALSE
0,082	0,266	0,005	0,012	0,146	FALSE
0,090	0,286	0,004	0,015	0,115	FALSE
-0,078	0,293	0,000	0,009	0,012	FALSE
0,105	0,273	0,003	0,012	0,100	FALSE
-0,033	0,282	-0,002	0,012	0,070	FALSE
-0,069	0,288	-0,003	0,010	0,119	FALSE
0,219	0,277	0,007	0,015	0,206	FALSE
0,177	0,275	0,003	0,008	0,170	FALSE
-0,043	0,288	-0,001	0,008	0,046	FALSE
-0,266	0,279	-0,010	0,013	0,349	FALSE
0,104	0,283	0,003	0,009	0,132	FALSE
-0,037	0,267	0,001	0,014	0,033	FALSE
0,026	0,271	0,004	0,014	0,111	FALSE
0,145	0,288	0,008	0,011	0,303	FALSE
-0,042	0,295	-0,002	0,010	0,089	FALSE
0,096	0,289	0,003	0,010	0,123	FALSE
0,141	0,297	0,003	0,008	0,147	FALSE
0,079	0,294	0,001	0,007	0,057	FALSE
0,119	0,278	0,005	0,009	0,211	FALSE
0,016	0,290	0,001	0,009	0,022	FALSE
-0,019	0,298	-0,001	0,009	0,029	FALSE
-0,020	0,267	-0,002	0,007	0,096	FALSE
0,022	0,286	-0,001	0,008	0,049	FALSE
0,106	0,293	0,004	0,010	0,157	FALSE
0,032	0,284	0,002	0,012	0,052	FALSE
-0,180	0,281	-0,003	0,007	0,180	FALSE
-0,065	0,293	-0,002	0,014	0,041	FALSE
-0,025	0,282	0,000	0,014	0,003	FALSE

-0,178	0,292	-0,005	0,010	0,205	FALSE
-0,028	0,280	0,000	0,013	0,009	FALSE
0,126	0,297	0,003	0,008	0,177	FALSE
0,076	0,285	0,002	0,010	0,091	FALSE
0,114	0,278	0,003	0,008	0,164	FALSE
-0,205	0,265	-0,009	0,014	0,287	FALSE
0,112	0,290	0,004	0,010	0,150	FALSE
-0,143	0,278	-0,005	0,012	0,154	FALSE
-0,084	0,283	-0,004	0,015	0,109	FALSE
0,092	0,280	0,003	0,013	0,076	FALSE
0,154	0,279	0,003	0,008	0,144	FALSE
0,049	0,273	0,001	0,014	0,021	FALSE
-0,014	0,272	-0,001	0,008	0,035	FALSE
-0,023	0,290	-0,001	0,008	0,046	FALSE
-0,001	0,290	0,002	0,009	0,093	FALSE
0,205	0,281	0,007	0,011	0,255	FALSE
-0,051	0,287	-0,002	0,011	0,083	FALSE
0,039	0,292	0,002	0,011	0,065	FALSE
0,199	0,264	0,007	0,014	0,216	FALSE
0,044	0,303	0,002	0,011	0,072	FALSE
-0,026	0,280	0,000	0,009	0,016	FALSE
-0,179	0,266	-0,006	0,013	0,179	FALSE
-0,040	0,275	0,000	0,008	0,005	FALSE
-0,166	0,270	-0,005	0,011	0,177	FALSE
-0,028	0,281	0,000	0,010	0,003	FALSE
0,123	0,289	0,003	0,008	0,135	FALSE
0,056	0,292	0,001	0,008	0,033	FALSE
-0,083	0,287	-0,006	0,014	0,174	FALSE
0,194	0,291	0,004	0,008	0,198	FALSE
0,154	0,279	0,005	0,010	0,213	FALSE
-0,008	0,293	-0,001	0,009	0,060	FALSE
0,188	0,280	0,005	0,007	0,271	FALSE
0,073	0,283	0,001	0,013	0,040	FALSE
-0,033	0,300	0,000	0,013	0,010	FALSE
-0,067	0,276	-0,003	0,009	0,162	FALSE
-0,086	0,282	-0,003	0,011	0,120	FALSE
-0,141	0,292	-0,004	0,009	0,171	FALSE
0,121	0,281	0,008	0,013	0,279	FALSE
0,045	0,277	0,001	0,012	0,044	FALSE
0,043	0,294	0,001	0,008	0,030	FALSE
0,194	0,286	0,008	0,010	0,348	FALSE
0,111	0,294	0,003	0,012	0,108	FALSE
-0,196	0,273	-0,004	0,007	0,248	FALSE
0,058	0,297	0,005	0,015	0,118	FALSE
0,021	0,299	0,002	0,015	0,055	FALSE
0,015	0,293	0,001	0,015	0,028	FALSE
-0,103	0,290	-0,003	0,009	0,146	FALSE
-0,079	0,276	-0,003	0,009	0,126	FALSE
-0,080	0,283	-0,003	0,009	0,125	FALSE
-0,083	0,299	-0,001	0,008	0,027	FALSE
-0,069	0,274	-0,003	0,014	0,086	FALSE
-0,041	0,287	-0,002	0,014	0,054	FALSE
-0,005	0,291	0,000	0,014	0,006	FALSE

0,196	0,281	0,005	0,009	0,238	FALSE
0,049	0,284	0,000	0,012	0,012	FALSE
0,065	0,270	0,001	0,007	0,027	FALSE
-0,173	0,279	-0,005	0,008	0,278	FALSE
-0,072	0,277	-0,001	0,010	0,038	FALSE
-0,095	0,279	-0,002	0,010	0,066	FALSE
-0,069	0,279	-0,002	0,010	0,076	FALSE
-0,046	0,287	-0,001	0,009	0,044	FALSE
-0,295	0,268	-0,011	0,011	0,478	FALSE
-0,242	0,266	-0,008	0,010	0,375	FALSE
0,018	0,285	0,001	0,007	0,049	FALSE
0,161	0,290	0,004	0,008	0,178	FALSE
0,275	0,265	0,008	0,010	0,354	FALSE
-0,051	0,284	-0,003	0,013	0,073	FALSE
-0,041	0,294	-0,002	0,013	0,061	FALSE
-0,082	0,292	-0,004	0,013	0,134	FALSE
-0,053	0,282	-0,003	0,012	0,086	FALSE
-0,056	0,269	-0,002	0,012	0,072	FALSE
-0,060	0,291	-0,003	0,013	0,086	FALSE
-0,076	0,276	-0,003	0,013	0,083	FALSE
-0,121	0,276	-0,004	0,008	0,207	FALSE
-0,123	0,274	-0,004	0,008	0,235	FALSE
-0,085	0,290	-0,003	0,008	0,124	FALSE
0,205	0,281	0,007	0,010	0,334	FALSE
0,080	0,296	0,002	0,011	0,063	FALSE
0,098	0,279	0,002	0,008	0,092	FALSE
-0,027	0,292	0,001	0,010	0,019	FALSE
-0,045	0,283	-0,005	0,015	0,142	FALSE
-0,027	0,285	-0,002	0,015	0,044	FALSE
-0,066	0,288	-0,002	0,010	0,066	FALSE
-0,114	0,287	-0,004	0,009	0,186	FALSE
0,242	0,289	0,006	0,008	0,312	FALSE
-0,110	0,291	-0,002	0,013	0,065	FALSE
-0,020	0,292	0,002	0,013	0,059	FALSE
-0,021	0,303	-0,001	0,015	0,029	FALSE
0,015	0,281	0,003	0,013	0,079	FALSE
-0,008	0,288	-0,001	0,008	0,042	FALSE
-0,110	0,271	-0,004	0,012	0,133	FALSE
-0,074	0,288	-0,003	0,008	0,122	FALSE
-0,087	0,277	-0,002	0,011	0,073	FALSE
0,079	0,279	0,002	0,008	0,085	FALSE
-0,058	0,293	-0,002	0,008	0,078	FALSE
-0,184	0,275	-0,004	0,007	0,201	FALSE
-0,019	0,284	0,000	0,009	0,018	FALSE
-0,046	0,285	0,000	0,010	0,004	FALSE
-0,082	0,283	-0,002	0,015	0,051	FALSE
0,213	0,277	0,006	0,011	0,239	FALSE
0,039	0,288	0,001	0,014	0,029	FALSE
-0,003	0,278	0,000	0,008	0,014	FALSE
0,031	0,294	0,002	0,012	0,052	FALSE
-0,213	0,278	-0,007	0,012	0,261	FALSE
0,125	0,281	0,002	0,009	0,086	FALSE
-0,040	0,295	-0,003	0,015	0,082	FALSE

0,063	0,296	0,002	0,008	0,112	FALSE
0,044	0,299	0,002	0,012	0,054	FALSE
0,039	0,297	0,002	0,010	0,090	FALSE
0,035	0,283	0,000	0,008	0,009	FALSE
0,042	0,280	0,001	0,009	0,029	FALSE
0,047	0,299	0,000	0,008	0,001	FALSE
-0,032	0,292	-0,002	0,009	0,087	FALSE
0,028	0,281	-0,001	0,008	0,047	FALSE
0,195	0,282	0,009	0,012	0,318	FALSE
-0,025	0,290	0,001	0,014	0,035	FALSE
-0,074	0,296	-0,003	0,008	0,152	FALSE
0,007	0,295	0,000	0,012	0,004	FALSE
0,075	0,288	0,003	0,008	0,125	FALSE
0,092	0,278	0,003	0,008	0,177	FALSE
-0,022	0,294	0,000	0,010	0,007	FALSE
-0,074	0,289	-0,003	0,010	0,101	FALSE
0,133	0,284	0,003	0,008	0,158	FALSE
0,080	0,290	0,002	0,011	0,060	FALSE
0,019	0,280	0,000	0,013	0,012	FALSE
-0,104	0,278	-0,004	0,010	0,166	FALSE
0,065	0,293	0,004	0,014	0,104	FALSE
-0,010	0,285	-0,001	0,008	0,061	FALSE
-0,095	0,281	-0,005	0,012	0,161	FALSE
0,137	0,287	0,004	0,009	0,172	FALSE
0,017	0,281	-0,002	0,012	0,057	FALSE
0,055	0,286	0,001	0,011	0,022	FALSE
0,095	0,281	0,001	0,008	0,023	FALSE
0,104	0,291	0,004	0,010	0,140	FALSE
0,104	0,272	0,001	0,007	0,048	FALSE
0,000	0,291	0,001	0,015	0,027	FALSE
0,042	0,279	0,003	0,015	0,067	FALSE
-0,021	0,290	0,000	0,008	0,017	FALSE
-0,057	0,299	-0,004	0,015	0,099	FALSE
-0,024	0,298	-0,002	0,015	0,037	FALSE
-0,019	0,308	-0,001	0,015	0,027	FALSE
0,000	0,301	0,000	0,015	0,009	FALSE
-0,002	0,300	0,000	0,015	0,003	FALSE
0,023	0,305	0,000	0,015	0,005	FALSE
-0,070	0,294	-0,004	0,014	0,102	FALSE
0,016	0,298	0,000	0,015	0,009	FALSE
0,025	0,295	0,001	0,015	0,018	FALSE
0,068	0,284	0,003	0,011	0,118	FALSE
0,047	0,282	0,003	0,012	0,108	FALSE
0,016	0,286	0,002	0,014	0,062	FALSE
-0,004	0,284	0,002	0,014	0,045	FALSE
0,001	0,292	0,002	0,014	0,053	FALSE
0,009	0,284	0,002	0,013	0,067	FALSE
-0,001	0,296	0,000	0,014	0,002	FALSE
-0,011	0,292	0,002	0,012	0,060	FALSE
0,016	0,281	0,000	0,010	0,011	FALSE
0,113	0,284	0,005	0,014	0,143	FALSE
0,066	0,295	0,000	0,008	0,023	FALSE
-0,146	0,290	-0,003	0,007	0,151	FALSE

0,013	0,297	0,001	0,009	0,047	FALSE
-0,211	0,275	-0,007	0,009	0,361	FALSE
0,058	0,285	0,004	0,012	0,125	FALSE
0,085	0,280	0,002	0,010	0,055	FALSE
-0,027	0,283	0,000	0,014	0,003	FALSE
-0,026	0,296	0,000	0,015	0,011	FALSE
0,005	0,284	0,002	0,014	0,048	FALSE
-0,063	0,283	-0,004	0,010	0,139	FALSE
-0,047	0,290	-0,001	0,014	0,018	FALSE
-0,047	0,290	-0,002	0,009	0,071	FALSE
-0,038	0,293	0,000	0,014	0,005	FALSE
-0,083	0,280	-0,003	0,014	0,085	FALSE
-0,094	0,285	-0,005	0,013	0,149	FALSE
-0,094	0,284	-0,005	0,010	0,188	FALSE
-0,054	0,272	-0,002	0,013	0,073	FALSE
-0,023	0,293	0,000	0,012	0,004	FALSE
0,097	0,287	0,002	0,007	0,119	FALSE
-0,105	0,280	-0,004	0,013	0,128	FALSE
-0,007	0,284	0,000	0,013	0,003	FALSE
-0,016	0,288	-0,001	0,009	0,030	FALSE
0,072	0,277	0,004	0,012	0,144	FALSE
0,081	0,291	0,005	0,014	0,152	FALSE
0,009	0,300	0,001	0,015	0,029	FALSE
-0,013	0,290	0,000	0,015	0,007	FALSE
-0,092	0,284	-0,005	0,013	0,137	FALSE
0,152	0,261	0,006	0,011	0,237	FALSE
0,002	0,296	0,001	0,015	0,023	FALSE
-0,058	0,275	-0,003	0,009	0,133	FALSE
-0,004	0,294	0,000	0,014	0,007	FALSE
-0,018	0,310	-0,001	0,015	0,017	FALSE
-0,022	0,285	-0,002	0,013	0,067	FALSE
0,036	0,265	0,002	0,012	0,069	FALSE
0,152	0,285	0,003	0,007	0,178	FALSE
-0,074	0,291	-0,003	0,010	0,128	FALSE
-0,112	0,268	-0,005	0,012	0,156	FALSE
-0,071	0,290	-0,003	0,014	0,070	FALSE
-0,008	0,276	-0,004	0,013	0,128	FALSE
0,059	0,281	0,003	0,010	0,104	FALSE
0,014	0,276	-0,002	0,015	0,041	FALSE
0,229	0,262	0,007	0,013	0,228	FALSE
0,170	0,279	0,005	0,012	0,187	FALSE
0,066	0,282	0,001	0,008	0,062	FALSE
0,034	0,279	0,000	0,008	0,002	FALSE
-0,040	0,292	-0,001	0,008	0,054	FALSE
0,108	0,280	0,005	0,008	0,234	FALSE
0,046	0,287	0,002	0,007	0,129	FALSE
-0,155	0,267	-0,004	0,010	0,161	FALSE
-0,062	0,276	-0,003	0,014	0,077	FALSE
-0,071	0,289	-0,002	0,008	0,083	FALSE
-0,061	0,292	0,000	0,008	0,017	FALSE
0,076	0,279	0,002	0,007	0,110	FALSE
-0,111	0,301	-0,004	0,015	0,117	FALSE
0,058	0,285	0,004	0,009	0,208	FALSE

-0,146	0,286	-0,007	0,015	0,187	FALSE
0,040	0,292	0,002	0,008	0,080	FALSE
-0,098	0,292	-0,005	0,012	0,156	FALSE
0,109	0,290	0,003	0,009	0,142	FALSE
-0,199	0,274	-0,007	0,013	0,251	FALSE
-0,170	0,292	-0,008	0,014	0,238	FALSE
-0,139	0,288	-0,006	0,014	0,168	FALSE
0,035	0,286	0,003	0,013	0,076	FALSE
-0,144	0,265	-0,004	0,008	0,186	FALSE
0,047	0,278	0,001	0,011	0,048	FALSE
0,073	0,280	0,001	0,007	0,030	FALSE
0,037	0,300	0,002	0,010	0,063	FALSE
-0,024	0,284	0,000	0,010	0,016	FALSE
-0,032	0,280	-0,002	0,015	0,039	FALSE
-0,135	0,290	-0,006	0,013	0,190	FALSE
-0,215	0,285	-0,009	0,015	0,263	FALSE
0,022	0,280	-0,001	0,009	0,024	FALSE
0,169	0,290	0,006	0,015	0,174	FALSE
0,082	0,289	0,003	0,008	0,146	FALSE
-0,127	0,280	-0,004	0,015	0,103	FALSE
0,120	0,281	0,004	0,011	0,132	FALSE
0,021	0,286	0,000	0,012	0,000	FALSE
0,133	0,256	0,004	0,014	0,129	FALSE
-0,027	0,296	-0,002	0,014	0,062	FALSE
0,032	0,288	0,000	0,014	0,004	FALSE
-0,096	0,301	-0,002	0,009	0,097	FALSE
0,171	0,286	0,008	0,013	0,244	FALSE
-0,214	0,280	-0,006	0,013	0,203	FALSE
-0,019	0,293	0,000	0,008	0,012	FALSE
-0,084	0,287	-0,002	0,011	0,066	FALSE
-0,061	0,290	-0,002	0,010	0,066	FALSE
-0,076	0,295	-0,002	0,011	0,082	FALSE
-0,018	0,294	0,001	0,012	0,017	FALSE
0,103	0,289	0,006	0,015	0,174	FALSE
-0,081	0,282	-0,002	0,008	0,108	FALSE
0,062	0,281	0,002	0,010	0,089	FALSE
-0,028	0,288	0,001	0,014	0,014	FALSE
-0,038	0,291	-0,001	0,011	0,043	FALSE
0,069	0,290	0,002	0,012	0,061	FALSE
0,069	0,296	0,000	0,014	0,002	FALSE
-0,130	0,269	-0,003	0,010	0,131	FALSE
-0,234	0,271	-0,009	0,012	0,342	FALSE
0,107	0,291	0,003	0,008	0,150	FALSE
0,066	0,279	-0,001	0,014	0,017	FALSE
0,025	0,298	0,001	0,007	0,043	FALSE
-0,054	0,303	-0,001	0,015	0,020	FALSE
0,212	0,273	0,006	0,012	0,197	FALSE
-0,005	0,290	0,001	0,008	0,041	FALSE
-0,108	0,276	-0,003	0,012	0,098	FALSE
-0,108	0,288	-0,004	0,014	0,119	FALSE
-0,050	0,293	0,000	0,015	0,000	FALSE
0,020	0,298	0,001	0,009	0,035	FALSE
-0,116	0,285	-0,004	0,015	0,118	FALSE

0,005	0,298	-0,001	0,010	0,043	FALSE
-0,233	0,268	-0,005	0,008	0,298	FALSE
-0,044	0,269	-0,002	0,008	0,120	FALSE
-0,139	0,282	-0,006	0,013	0,210	FALSE
0,094	0,284	0,005	0,013	0,167	FALSE
0,061	0,283	0,002	0,015	0,049	FALSE
0,064	0,285	0,003	0,015	0,071	FALSE
-0,013	0,283	0,000	0,011	0,014	FALSE
0,000	0,294	0,000	0,014	0,010	FALSE
-0,125	0,292	-0,002	0,008	0,122	FALSE
0,011	0,291	-0,002	0,015	0,043	FALSE
0,037	0,291	-0,001	0,013	0,026	FALSE
0,019	0,302	0,002	0,010	0,057	FALSE
0,149	0,282	0,004	0,010	0,171	FALSE
0,050	0,291	0,001	0,011	0,035	FALSE
-0,011	0,286	-0,002	0,010	0,061	FALSE
-0,027	0,288	0,000	0,010	0,001	FALSE
-0,082	0,278	-0,002	0,008	0,120	FALSE
-0,078	0,281	-0,002	0,008	0,107	FALSE
0,151	0,288	0,005	0,012	0,171	FALSE
-0,069	0,282	-0,002	0,008	0,087	FALSE
-0,176	0,283	-0,005	0,011	0,171	FALSE
-0,070	0,281	-0,001	0,009	0,033	FALSE
0,021	0,292	0,001	0,010	0,040	FALSE
-0,063	0,296	-0,003	0,009	0,110	FALSE
-0,088	0,289	-0,001	0,008	0,067	FALSE
-0,034	0,292	-0,002	0,010	0,056	FALSE
0,076	0,285	0,002	0,009	0,081	FALSE
-0,038	0,277	-0,001	0,013	0,037	FALSE
-0,062	0,278	-0,001	0,009	0,027	FALSE
-0,045	0,297	-0,002	0,009	0,093	FALSE
-0,059	0,295	-0,003	0,010	0,095	FALSE
-0,028	0,297	-0,001	0,009	0,060	FALSE
0,183	0,288	0,003	0,008	0,162	FALSE
-0,157	0,284	-0,004	0,009	0,183	FALSE
0,153	0,281	0,009	0,013	0,292	FALSE
-0,071	0,289	-0,004	0,014	0,121	FALSE
-0,080	0,283	-0,004	0,015	0,113	FALSE
-0,039	0,289	0,000	0,008	0,017	FALSE
-0,108	0,286	-0,001	0,007	0,074	FALSE
0,070	0,294	0,002	0,010	0,062	FALSE
0,035	0,294	0,000	0,010	0,011	FALSE
0,010	0,305	0,001	0,013	0,022	FALSE
-0,138	0,267	-0,008	0,015	0,224	FALSE
0,003	0,296	-0,001	0,008	0,055	FALSE
0,019	0,273	0,001	0,008	0,033	FALSE
0,177	0,283	0,003	0,008	0,127	FALSE
0,091	0,282	0,005	0,010	0,232	FALSE
-0,029	0,262	-0,001	0,015	0,033	FALSE
-0,043	0,291	-0,003	0,014	0,089	FALSE
0,133	0,279	0,008	0,015	0,214	FALSE
-0,026	0,274	0,000	0,009	0,010	FALSE
-0,041	0,294	-0,001	0,010	0,019	FALSE

0,015	0,284	0,003	0,015	0,077	FALSE
0,038	0,293	0,000	0,015	0,007	FALSE
-0,128	0,302	-0,004	0,013	0,121	FALSE
-0,088	0,291	-0,003	0,008	0,133	FALSE
0,121	0,288	0,004	0,009	0,189	FALSE
0,033	0,288	0,002	0,011	0,067	FALSE
0,077	0,281	0,004	0,014	0,104	FALSE
0,092	0,290	0,004	0,011	0,148	FALSE
-0,023	0,268	0,000	0,007	0,019	FALSE
0,080	0,289	0,002	0,012	0,063	FALSE
0,073	0,297	0,003	0,010	0,122	FALSE
0,120	0,291	0,004	0,010	0,156	FALSE
0,027	0,309	0,001	0,011	0,024	FALSE
0,032	0,309	0,002	0,010	0,074	FALSE
0,114	0,289	0,003	0,015	0,077	FALSE
0,068	0,288	0,002	0,008	0,068	FALSE
0,018	0,273	-0,001	0,010	0,019	FALSE
0,116	0,293	0,004	0,015	0,100	FALSE
0,017	0,299	-0,001	0,013	0,023	FALSE
-0,029	0,267	0,002	0,015	0,051	FALSE
0,040	0,270	0,000	0,009	0,003	FALSE
0,052	0,288	0,001	0,015	0,035	FALSE
-0,020	0,293	-0,002	0,009	0,069	FALSE
0,078	0,287	0,001	0,008	0,038	FALSE
0,030	0,290	-0,001	0,008	0,028	FALSE
0,029	0,289	0,000	0,012	0,009	FALSE
0,079	0,295	0,002	0,010	0,056	FALSE
-0,030	0,285	-0,003	0,014	0,095	FALSE
-0,105	0,271	-0,004	0,012	0,133	FALSE
0,014	0,260	-0,001	0,015	0,016	FALSE
-0,210	0,280	-0,008	0,012	0,301	FALSE
-0,107	0,284	-0,004	0,011	0,142	FALSE
-0,183	0,279	-0,006	0,011	0,229	FALSE
-0,027	0,281	-0,002	0,008	0,070	FALSE
0,080	0,285	0,002	0,008	0,103	FALSE
-0,145	0,294	-0,003	0,009	0,139	FALSE
-0,058	0,291	-0,002	0,012	0,052	FALSE
-0,004	0,301	-0,001	0,013	0,020	FALSE
-0,031	0,294	-0,001	0,008	0,048	FALSE
0,143	0,279	0,003	0,008	0,137	FALSE
-0,052	0,285	0,000	0,007	0,002	FALSE
0,095	0,290	0,002	0,009	0,067	FALSE
-0,098	0,290	-0,004	0,013	0,127	FALSE
-0,079	0,284	-0,001	0,008	0,028	FALSE
0,172	0,281	0,007	0,014	0,230	FALSE
-0,251	0,283	-0,010	0,013	0,376	FALSE
0,008	0,285	0,001	0,008	0,045	FALSE
0,018	0,297	0,001	0,011	0,039	FALSE
0,006	0,287	0,001	0,011	0,034	FALSE
0,076	0,273	0,003	0,009	0,132	FALSE
0,073	0,292	0,002	0,009	0,093	FALSE
-0,037	0,291	0,000	0,008	0,020	FALSE
0,150	0,293	0,005	0,010	0,210	FALSE

0,038	0,297	0,003	0,010	0,108	FALSE
0,130	0,282	0,002	0,009	0,071	FALSE
-0,072	0,288	-0,003	0,009	0,140	FALSE
-0,083	0,296	-0,003	0,010	0,130	FALSE
-0,069	0,309	-0,003	0,014	0,092	FALSE
0,087	0,286	0,003	0,010	0,095	FALSE
-0,094	0,277	-0,005	0,014	0,140	FALSE
0,148	0,283	0,004	0,009	0,159	FALSE
0,023	0,284	0,000	0,010	0,001	FALSE
0,108	0,285	0,005	0,011	0,188	FALSE
0,270	0,266	0,014	0,015	0,471	FALSE
-0,222	0,281	-0,006	0,009	0,308	FALSE
-0,010	0,278	0,001	0,011	0,024	FALSE
-0,096	0,283	-0,005	0,014	0,148	FALSE
-0,194	0,279	-0,006	0,008	0,309	FALSE
-0,128	0,293	-0,004	0,009	0,158	FALSE
-0,079	0,285	-0,002	0,012	0,068	FALSE
0,052	0,286	0,002	0,011	0,070	FALSE
0,073	0,277	0,000	0,011	0,011	FALSE
-0,060	0,279	-0,003	0,010	0,095	FALSE
0,132	0,279	0,003	0,009	0,139	FALSE
-0,017	0,278	0,000	0,009	0,004	FALSE
0,223	0,293	0,007	0,012	0,243	FALSE
0,177	0,294	0,005	0,012	0,159	FALSE
-0,130	0,277	-0,005	0,014	0,125	FALSE
-0,054	0,298	0,000	0,014	0,007	FALSE
0,033	0,300	0,001	0,008	0,064	FALSE
0,104	0,290	0,004	0,010	0,162	FALSE
0,078	0,291	0,002	0,013	0,053	FALSE
-0,035	0,285	0,000	0,008	0,008	FALSE
-0,082	0,285	-0,002	0,008	0,098	FALSE
-0,015	0,293	0,000	0,008	0,018	FALSE
0,123	0,280	0,006	0,014	0,160	FALSE
0,004	0,290	-0,001	0,015	0,027	FALSE
0,031	0,305	0,002	0,014	0,040	FALSE
-0,013	0,285	0,000	0,012	0,011	FALSE
-0,080	0,294	-0,002	0,008	0,073	FALSE
-0,074	0,292	-0,003	0,008	0,120	FALSE
-0,049	0,275	0,000	0,008	0,017	FALSE
0,066	0,276	0,001	0,008	0,047	FALSE
-0,009	0,287	0,000	0,011	0,006	FALSE
-0,110	0,294	-0,007	0,014	0,205	FALSE
0,062	0,276	0,003	0,014	0,073	FALSE
-0,068	0,293	-0,001	0,008	0,058	FALSE
-0,058	0,290	-0,003	0,010	0,111	FALSE
-0,083	0,292	-0,002	0,009	0,072	FALSE
-0,005	0,281	0,001	0,013	0,014	FALSE
-0,015	0,286	-0,001	0,009	0,059	FALSE
-0,100	0,309	-0,004	0,013	0,108	FALSE
0,017	0,290	0,001	0,014	0,026	FALSE
-0,116	0,282	-0,003	0,009	0,119	FALSE
-0,047	0,292	-0,002	0,015	0,050	FALSE
-0,110	0,293	-0,002	0,008	0,078	FALSE

0,055	0,292	0,001	0,014	0,015	FALSE
0,091	0,300	0,006	0,014	0,190	FALSE
0,069	0,292	0,001	0,014	0,033	FALSE
0,094	0,276	0,002	0,008	0,075	FALSE
-0,035	0,290	0,001	0,012	0,019	FALSE
-0,027	0,291	0,000	0,008	0,001	FALSE
-0,125	0,276	-0,004	0,010	0,155	FALSE
-0,040	0,298	-0,001	0,009	0,050	FALSE
-0,017	0,289	-0,001	0,008	0,041	FALSE
0,000	0,294	0,000	0,009	0,001	FALSE
0,064	0,276	0,001	0,008	0,044	FALSE
-0,031	0,278	-0,002	0,013	0,068	FALSE
0,092	0,289	0,000	0,009	0,007	FALSE
-0,070	0,294	-0,002	0,008	0,090	FALSE
0,038	0,280	0,002	0,009	0,080	FALSE
0,052	0,294	0,002	0,011	0,053	FALSE
-0,201	0,285	-0,004	0,007	0,249	FALSE
-0,173	0,269	-0,006	0,012	0,208	FALSE
-0,241	0,269	-0,006	0,007	0,352	FALSE
0,073	0,286	0,002	0,011	0,074	FALSE
0,117	0,281	0,004	0,010	0,146	FALSE
-0,086	0,282	-0,004	0,012	0,116	FALSE
0,207	0,287	0,009	0,013	0,307	FALSE
-0,168	0,270	-0,010	0,015	0,297	FALSE
-0,026	0,288	-0,001	0,007	0,061	FALSE
-0,071	0,285	-0,004	0,012	0,121	FALSE
-0,068	0,288	-0,001	0,015	0,034	FALSE
-0,057	0,303	-0,001	0,013	0,025	FALSE
-0,034	0,287	-0,001	0,014	0,031	FALSE
0,172	0,269	0,007	0,012	0,229	FALSE
-0,008	0,286	-0,002	0,012	0,054	FALSE
-0,074	0,286	-0,001	0,008	0,070	FALSE
-0,038	0,276	-0,003	0,010	0,139	FALSE
-0,242	0,263	-0,006	0,009	0,313	FALSE
0,196	0,276	0,005	0,009	0,265	FALSE
-0,121	0,287	-0,003	0,008	0,118	FALSE
-0,095	0,281	-0,004	0,013	0,120	FALSE
-0,045	0,278	-0,001	0,007	0,051	FALSE
-0,121	0,290	-0,006	0,015	0,169	FALSE
0,095	0,292	0,003	0,013	0,077	FALSE
0,053	0,271	0,001	0,009	0,037	FALSE
-0,077	0,288	-0,003	0,012	0,104	FALSE
-0,188	0,277	-0,004	0,007	0,219	FALSE
-0,071	0,275	-0,002	0,007	0,106	FALSE
-0,010	0,285	0,000	0,014	0,010	FALSE
-0,049	0,281	-0,003	0,013	0,076	FALSE
-0,072	0,274	0,000	0,008	0,020	FALSE
0,148	0,282	0,003	0,010	0,139	FALSE
-0,101	0,283	-0,003	0,013	0,090	FALSE
0,018	0,288	-0,001	0,013	0,039	FALSE
-0,100	0,275	-0,003	0,007	0,184	FALSE
0,182	0,278	0,004	0,010	0,169	FALSE
-0,125	0,269	-0,004	0,007	0,241	FALSE

0,049	0,300	0,003	0,009	0,108	FALSE
0,042	0,267	0,004	0,012	0,113	FALSE
0,055	0,284	0,002	0,011	0,079	FALSE
-0,043	0,274	-0,001	0,012	0,037	FALSE
-0,173	0,286	-0,004	0,008	0,216	FALSE
-0,005	0,284	-0,001	0,007	0,030	FALSE
-0,076	0,285	-0,002	0,009	0,071	FALSE
-0,176	0,277	-0,007	0,012	0,231	FALSE
-0,009	0,289	0,000	0,010	0,007	FALSE
-0,060	0,270	-0,006	0,014	0,162	FALSE
-0,225	0,256	-0,007	0,008	0,363	FALSE
-0,084	0,277	-0,006	0,015	0,165	FALSE
0,083	0,292	0,004	0,009	0,158	FALSE
0,073	0,283	0,000	0,012	0,001	FALSE
0,014	0,272	0,002	0,014	0,042	FALSE
0,037	0,283	0,001	0,009	0,048	FALSE
0,015	0,284	0,001	0,014	0,036	FALSE
0,009	0,282	-0,001	0,014	0,033	FALSE
-0,013	0,283	0,001	0,015	0,014	FALSE
0,047	0,294	0,001	0,012	0,015	FALSE
-0,038	0,290	0,000	0,009	0,003	FALSE
0,166	0,290	0,007	0,015	0,180	FALSE
0,104	0,299	0,003	0,011	0,107	FALSE
0,058	0,287	0,001	0,015	0,035	FALSE
-0,027	0,295	0,000	0,012	0,009	FALSE
-0,096	0,278	-0,003	0,013	0,083	FALSE
0,040	0,302	0,003	0,014	0,097	FALSE
0,043	0,293	0,002	0,014	0,039	FALSE
0,167	0,271	0,011	0,012	0,430	FALSE
0,111	0,280	0,002	0,011	0,055	FALSE
0,133	0,289	0,004	0,012	0,142	FALSE
-0,112	0,282	-0,003	0,009	0,144	FALSE
-0,050	0,283	-0,001	0,007	0,075	FALSE
-0,030	0,282	0,000	0,012	0,012	FALSE
0,008	0,293	0,000	0,010	0,012	FALSE
-0,114	0,274	-0,003	0,014	0,072	FALSE
0,136	0,272	0,003	0,008	0,130	FALSE
-0,059	0,291	-0,001	0,010	0,057	FALSE
-0,051	0,289	-0,001	0,008	0,045	FALSE
-0,041	0,283	-0,001	0,008	0,030	FALSE
0,148	0,284	0,004	0,007	0,204	FALSE
-0,037	0,296	0,000	0,008	0,005	FALSE
0,064	0,286	0,002	0,015	0,062	FALSE
0,096	0,272	0,003	0,014	0,071	FALSE
0,067	0,270	0,003	0,012	0,100	FALSE
-0,044	0,281	-0,002	0,014	0,052	FALSE
-0,048	0,289	0,000	0,009	0,010	FALSE
0,180	0,292	0,004	0,008	0,251	FALSE
-0,153	0,290	-0,005	0,013	0,150	FALSE
-0,029	0,305	-0,001	0,009	0,046	FALSE
-0,035	0,289	-0,002	0,013	0,049	FALSE
0,108	0,297	0,005	0,015	0,132	FALSE
0,142	0,288	0,006	0,015	0,173	FALSE

-0,008	0,290	0,001	0,011	0,031	FALSE
-0,042	0,282	-0,001	0,013	0,033	FALSE
0,058	0,299	-0,001	0,009	0,032	FALSE
-0,162	0,280	-0,008	0,014	0,235	FALSE
-0,112	0,297	-0,002	0,008	0,122	FALSE
0,200	0,266	0,008	0,012	0,287	FALSE
0,194	0,288	0,008	0,013	0,248	FALSE
0,084	0,283	0,003	0,013	0,086	FALSE
-0,008	0,289	0,001	0,008	0,051	FALSE
0,072	0,288	0,004	0,014	0,106	FALSE
-0,001	0,285	0,001	0,007	0,052	FALSE
0,034	0,276	0,000	0,007	0,006	FALSE
0,011	0,284	0,001	0,008	0,041	FALSE
-0,039	0,290	0,000	0,008	0,001	FALSE
-0,024	0,288	-0,004	0,013	0,110	FALSE
-0,050	0,281	-0,002	0,008	0,106	FALSE
0,212	0,299	0,009	0,011	0,384	FALSE
0,041	0,275	-0,001	0,010	0,018	FALSE
-0,118	0,280	-0,002	0,007	0,136	FALSE
0,225	0,272	0,005	0,007	0,313	FALSE
0,010	0,292	0,001	0,015	0,027	FALSE
0,006	0,286	0,000	0,012	0,002	FALSE
-0,007	0,281	0,000	0,011	0,003	FALSE
-0,002	0,273	0,000	0,010	0,016	FALSE
0,177	0,271	0,008	0,014	0,252	FALSE
-0,002	0,287	-0,001	0,014	0,015	FALSE
0,025	0,284	0,000	0,014	0,004	FALSE
0,030	0,299	0,000	0,015	0,009	FALSE
0,081	0,285	0,005	0,013	0,142	FALSE
0,178	0,288	0,007	0,014	0,206	FALSE
-0,036	0,295	0,000	0,008	0,002	FALSE
0,069	0,295	0,003	0,016	0,074	FALSE
-0,103	0,290	-0,003	0,009	0,132	FALSE
0,068	0,293	0,001	0,009	0,053	FALSE
0,012	0,296	0,002	0,014	0,048	FALSE
0,029	0,277	0,001	0,012	0,019	FALSE
-0,143	0,287	-0,003	0,010	0,133	FALSE
-0,095	0,291	-0,001	0,011	0,039	FALSE
0,043	0,280	0,001	0,010	0,039	FALSE
0,001	0,297	0,000	0,013	0,003	FALSE
0,189	0,266	0,009	0,014	0,300	FALSE
0,187	0,283	0,009	0,015	0,262	FALSE
0,195	0,285	0,009	0,015	0,268	FALSE
0,163	0,271	0,007	0,014	0,216	FALSE
0,192	0,277	0,010	0,014	0,306	FALSE
-0,214	0,276	-0,004	0,007	0,257	FALSE
-0,130	0,303	-0,001	0,008	0,068	FALSE
-0,122	0,268	-0,003	0,010	0,117	FALSE
0,002	0,285	-0,001	0,010	0,024	FALSE
0,051	0,277	0,003	0,011	0,095	FALSE
0,074	0,295	0,004	0,010	0,152	FALSE
0,098	0,290	0,003	0,011	0,107	FALSE
0,010	0,273	-0,002	0,011	0,072	FALSE

0,056	0,294	0,001	0,008	0,064	FALSE
0,105	0,292	0,004	0,014	0,121	FALSE
0,066	0,283	0,001	0,014	0,017	FALSE
0,020	0,277	0,003	0,013	0,077	FALSE
-0,120	0,286	-0,003	0,010	0,130	FALSE
-0,092	0,273	-0,002	0,009	0,088	FALSE
-0,067	0,269	-0,008	0,013	0,254	FALSE
-0,122	0,275	-0,003	0,007	0,154	FALSE
-0,138	0,283	-0,004	0,015	0,091	FALSE
0,108	0,290	0,003	0,015	0,077	FALSE
-0,006	0,282	0,002	0,010	0,062	FALSE
0,052	0,288	-0,001	0,013	0,035	FALSE
-0,016	0,289	0,001	0,014	0,029	FALSE
-0,209	0,280	-0,005	0,008	0,298	FALSE
0,180	0,283	0,006	0,012	0,233	FALSE
-0,064	0,270	-0,002	0,007	0,079	FALSE
0,110	0,306	0,005	0,012	0,183	FALSE
-0,173	0,284	-0,005	0,010	0,217	FALSE
0,042	0,288	0,000	0,010	0,003	FALSE
0,119	0,292	0,004	0,011	0,151	FALSE
0,092	0,278	0,003	0,014	0,077	FALSE
0,000	0,290	-0,001	0,014	0,019	FALSE
0,117	0,285	0,002	0,008	0,082	FALSE
0,060	0,263	-0,001	0,008	0,038	FALSE
0,090	0,291	0,004	0,014	0,099	FALSE
0,021	0,290	0,000	0,011	0,003	FALSE
-0,172	0,278	-0,005	0,009	0,217	FALSE
0,115	0,278	0,004	0,014	0,095	FALSE
0,113	0,284	0,002	0,015	0,062	FALSE
0,233	0,283	0,004	0,008	0,196	FALSE
-0,074	0,280	-0,003	0,010	0,115	FALSE
-0,104	0,277	-0,003	0,009	0,131	FALSE
-0,195	0,277	-0,004	0,011	0,153	FALSE
0,095	0,290	0,002	0,010	0,066	FALSE
0,063	0,286	0,000	0,009	0,002	FALSE
-0,128	0,275	-0,004	0,015	0,108	FALSE
-0,011	0,286	-0,001	0,010	0,029	FALSE
0,083	0,281	0,001	0,007	0,053	FALSE
-0,138	0,267	-0,003	0,010	0,120	FALSE
0,174	0,287	0,004	0,008	0,206	FALSE
-0,126	0,279	-0,005	0,010	0,188	FALSE
-0,107	0,290	-0,004	0,011	0,144	FALSE
-0,088	0,283	-0,004	0,013	0,128	FALSE
-0,141	0,288	-0,004	0,008	0,230	FALSE
0,104	0,282	0,004	0,014	0,121	FALSE
0,003	0,280	0,001	0,014	0,030	FALSE
-0,110	0,284	-0,003	0,009	0,123	FALSE
0,099	0,277	0,001	0,011	0,023	FALSE
0,066	0,298	0,001	0,015	0,024	FALSE
0,148	0,276	0,002	0,011	0,069	FALSE
0,121	0,266	0,001	0,012	0,029	FALSE
-0,083	0,296	-0,001	0,008	0,061	FALSE
0,060	0,291	0,001	0,007	0,057	FALSE

0,016	0,293	0,002	0,009	0,096	FALSE
-0,126	0,280	-0,004	0,007	0,227	FALSE
-0,151	0,281	-0,004	0,011	0,142	FALSE
0,018	0,280	0,001	0,013	0,021	FALSE
-0,046	0,301	-0,002	0,008	0,071	FALSE
0,043	0,271	-0,002	0,010	0,081	FALSE
0,103	0,295	0,003	0,015	0,084	FALSE
0,058	0,291	0,004	0,015	0,115	FALSE
0,102	0,282	0,002	0,008	0,119	FALSE
-0,292	0,259	-0,009	0,012	0,361	FALSE
0,094	0,280	0,006	0,011	0,222	FALSE
0,060	0,288	0,004	0,014	0,098	FALSE
0,014	0,290	0,000	0,010	0,008	FALSE
-0,188	0,270	-0,005	0,008	0,289	FALSE
0,002	0,283	-0,001	0,013	0,019	FALSE
-0,101	0,289	-0,001	0,008	0,063	FALSE
-0,268	0,263	-0,008	0,010	0,390	FALSE
-0,153	0,282	-0,007	0,014	0,199	FALSE
-0,052	0,277	-0,003	0,014	0,077	FALSE
-0,175	0,271	-0,005	0,009	0,203	FALSE
0,143	0,283	0,004	0,012	0,154	FALSE
0,035	0,285	0,002	0,008	0,080	FALSE
-0,107	0,283	-0,002	0,010	0,070	FALSE
-0,138	0,280	-0,004	0,011	0,165	FALSE
0,196	0,286	0,005	0,008	0,276	FALSE
-0,122	0,288	-0,004	0,013	0,117	FALSE
0,084	0,282	0,003	0,009	0,104	FALSE
0,065	0,283	0,001	0,009	0,052	FALSE
0,090	0,270	0,001	0,009	0,044	FALSE
0,034	0,277	0,001	0,012	0,018	FALSE
0,183	0,289	0,005	0,011	0,185	FALSE
-0,096	0,282	-0,003	0,008	0,135	FALSE
0,075	0,292	0,004	0,014	0,099	FALSE
-0,006	0,294	0,001	0,015	0,017	FALSE
0,018	0,271	0,002	0,014	0,042	FALSE
0,039	0,283	0,002	0,011	0,077	FALSE
0,058	0,284	0,000	0,012	0,000	FALSE
0,108	0,280	0,003	0,014	0,082	FALSE
-0,128	0,293	-0,002	0,008	0,100	FALSE
0,041	0,297	0,001	0,011	0,042	FALSE
0,018	0,282	0,000	0,011	0,011	FALSE
-0,087	0,283	-0,003	0,008	0,184	FALSE
-0,073	0,291	-0,003	0,008	0,126	FALSE
-0,020	0,274	-0,002	0,015	0,057	FALSE
0,124	0,285	0,005	0,014	0,155	FALSE
0,090	0,288	0,003	0,013	0,097	FALSE
0,042	0,282	-0,002	0,011	0,064	FALSE
-0,035	0,287	0,000	0,008	0,022	FALSE
-0,040	0,268	-0,001	0,011	0,052	FALSE
-0,148	0,286	-0,008	0,013	0,273	FALSE
0,013	0,288	-0,002	0,012	0,049	FALSE
-0,125	0,277	-0,004	0,011	0,151	FALSE
-0,020	0,285	-0,002	0,009	0,071	FALSE

0,031	0,301	0,001	0,013	0,040	FALSE
-0,013	0,274	0,001	0,012	0,037	FALSE
0,127	0,278	0,005	0,011	0,172	FALSE
-0,013	0,297	0,000	0,015	0,008	FALSE
-0,088	0,292	-0,004	0,015	0,111	FALSE
0,049	0,286	0,000	0,010	0,013	FALSE
-0,010	0,296	0,002	0,015	0,063	FALSE
-0,120	0,281	-0,004	0,015	0,094	FALSE
0,144	0,271	0,004	0,009	0,167	FALSE
0,134	0,283	0,002	0,014	0,054	FALSE
0,208	0,272	0,006	0,011	0,252	FALSE
0,165	0,285	0,003	0,010	0,134	FALSE
0,086	0,286	0,005	0,012	0,160	FALSE
-0,022	0,262	0,000	0,014	0,003	FALSE
-0,158	0,279	-0,006	0,010	0,242	FALSE
0,100	0,276	0,004	0,011	0,168	FALSE
-0,014	0,265	-0,001	0,011	0,027	FALSE
-0,108	0,293	-0,004	0,012	0,143	FALSE
-0,036	0,282	0,000	0,009	0,015	FALSE
0,062	0,285	0,005	0,011	0,171	FALSE
-0,024	0,277	0,000	0,011	0,011	FALSE
0,046	0,278	0,003	0,011	0,113	FALSE
0,038	0,281	0,002	0,008	0,074	FALSE
0,021	0,286	0,001	0,009	0,043	FALSE
0,177	0,292	0,005	0,009	0,232	FALSE
0,024	0,299	0,001	0,009	0,036	FALSE
0,038	0,294	0,003	0,012	0,090	FALSE
0,066	0,293	0,000	0,009	0,007	FALSE
0,066	0,281	0,001	0,012	0,039	FALSE
0,060	0,289	0,001	0,008	0,034	FALSE
0,110	0,285	0,003	0,011	0,122	FALSE
0,040	0,284	0,001	0,012	0,044	FALSE
-0,015	0,287	0,000	0,011	0,001	FALSE
-0,077	0,304	-0,003	0,015	0,081	FALSE
0,021	0,289	0,000	0,013	0,009	FALSE
-0,191	0,277	-0,005	0,008	0,274	FALSE
-0,176	0,268	-0,007	0,013	0,212	FALSE
-0,045	0,291	-0,002	0,011	0,074	FALSE
-0,037	0,292	-0,001	0,014	0,034	FALSE
0,095	0,287	0,004	0,013	0,137	FALSE
0,055	0,271	0,001	0,012	0,024	FALSE
0,024	0,288	0,003	0,014	0,074	FALSE
0,145	0,285	0,005	0,013	0,167	FALSE
0,116	0,280	0,004	0,010	0,176	FALSE
0,037	0,276	0,001	0,011	0,045	FALSE
-0,170	0,271	-0,004	0,008	0,201	FALSE
-0,030	0,287	0,000	0,009	0,017	FALSE
-0,102	0,295	-0,003	0,012	0,085	FALSE
-0,006	0,299	0,001	0,013	0,014	FALSE
0,148	0,289	0,008	0,013	0,251	FALSE
0,163	0,287	0,004	0,008	0,240	FALSE
-0,023	0,285	0,000	0,008	0,004	FALSE
0,133	0,274	0,003	0,011	0,111	FALSE

-0,025	0,282	0,000	0,014	0,000	FALSE
-0,029	0,283	0,000	0,014	0,008	FALSE
-0,110	0,279	-0,003	0,007	0,162	FALSE
-0,024	0,284	0,001	0,012	0,021	FALSE
0,188	0,282	0,011	0,015	0,343	FALSE
0,009	0,289	-0,002	0,014	0,045	FALSE
-0,085	0,291	-0,003	0,015	0,077	FALSE
-0,066	0,295	-0,002	0,008	0,119	FALSE
-0,128	0,275	-0,007	0,014	0,219	FALSE
0,181	0,271	0,008	0,012	0,311	FALSE
-0,103	0,281	-0,002	0,013	0,070	FALSE
-0,127	0,284	-0,002	0,008	0,079	FALSE
-0,146	0,288	-0,007	0,010	0,309	FALSE
0,122	0,283	0,006	0,014	0,183	FALSE
-0,193	0,278	-0,006	0,009	0,268	FALSE
-0,039	0,280	-0,001	0,012	0,041	FALSE
0,087	0,277	0,001	0,015	0,019	FALSE
0,025	0,292	0,002	0,015	0,048	FALSE
-0,038	0,290	-0,002	0,009	0,104	FALSE
-0,167	0,280	-0,005	0,007	0,309	FALSE
-0,054	0,271	-0,004	0,014	0,123	FALSE
0,006	0,289	0,002	0,015	0,044	FALSE
-0,100	0,279	-0,005	0,014	0,157	FALSE
0,134	0,290	0,006	0,014	0,168	FALSE
-0,077	0,267	-0,005	0,015	0,121	FALSE
-0,011	0,296	0,000	0,015	0,003	FALSE
-0,013	0,302	0,000	0,015	0,005	FALSE
-0,022	0,298	0,000	0,015	0,006	FALSE
-0,045	0,290	-0,001	0,008	0,038	FALSE
-0,011	0,285	-0,003	0,013	0,083	FALSE
-0,012	0,310	-0,003	0,014	0,079	FALSE
0,005	0,289	0,001	0,010	0,040	FALSE
0,025	0,283	-0,001	0,011	0,035	FALSE
0,076	0,278	0,001	0,008	0,065	FALSE
0,048	0,300	0,001	0,007	0,055	FALSE
0,051	0,275	0,004	0,015	0,103	FALSE
0,021	0,282	-0,001	0,014	0,026	FALSE
-0,189	0,279	-0,008	0,012	0,269	FALSE
0,103	0,277	0,006	0,013	0,189	FALSE
0,211	0,292	0,011	0,015	0,322	FALSE
0,177	0,283	0,009	0,015	0,268	FALSE
0,187	0,284	0,010	0,015	0,316	FALSE
0,074	0,289	0,004	0,010	0,150	FALSE
0,136	0,277	0,002	0,008	0,097	FALSE
-0,009	0,293	0,001	0,015	0,013	FALSE
-0,025	0,298	-0,002	0,011	0,060	FALSE
-0,033	0,286	-0,004	0,015	0,091	FALSE
0,155	0,286	0,004	0,009	0,183	FALSE
0,079	0,278	0,006	0,015	0,164	FALSE
-0,259	0,263	-0,015	0,014	0,538	FALSE
-0,043	0,283	-0,002	0,010	0,080	FALSE
0,006	0,290	0,001	0,010	0,037	FALSE
0,017	0,292	-0,001	0,013	0,017	FALSE

-0,013	0,283	-0,002	0,013	0,059	FALSE
-0,150	0,279	-0,007	0,013	0,236	FALSE
0,081	0,283	0,002	0,013	0,053	FALSE
-0,119	0,276	-0,006	0,013	0,194	FALSE
0,047	0,283	0,003	0,009	0,114	FALSE
-0,053	0,286	-0,003	0,009	0,130	FALSE
0,146	0,292	0,007	0,012	0,268	FALSE
0,028	0,289	0,001	0,013	0,014	FALSE
0,007	0,284	-0,004	0,014	0,120	FALSE
0,026	0,297	0,000	0,007	0,016	FALSE
0,128	0,286	0,002	0,010	0,086	FALSE
0,057	0,286	0,001	0,011	0,030	FALSE
0,002	0,282	-0,001	0,008	0,062	FALSE
-0,095	0,298	-0,006	0,015	0,153	FALSE
0,191	0,286	0,004	0,008	0,257	FALSE
0,079	0,277	0,004	0,012	0,143	FALSE
-0,004	0,291	0,002	0,010	0,061	FALSE
0,065	0,281	0,001	0,008	0,045	FALSE
-0,201	0,282	-0,005	0,009	0,237	FALSE
-0,124	0,295	-0,004	0,014	0,098	FALSE
0,186	0,278	0,004	0,008	0,237	FALSE
0,126	0,286	0,003	0,009	0,139	FALSE
0,121	0,293	0,006	0,014	0,189	FALSE
-0,063	0,276	-0,003	0,009	0,115	FALSE
-0,067	0,276	-0,004	0,012	0,144	FALSE
0,071	0,277	0,002	0,010	0,053	FALSE
0,154	0,283	0,003	0,008	0,131	FALSE
0,124	0,297	0,003	0,008	0,130	FALSE
-0,050	0,294	-0,001	0,009	0,045	FALSE
0,043	0,293	0,002	0,015	0,052	FALSE
0,078	0,299	0,001	0,009	0,028	FALSE
-0,124	0,284	-0,004	0,012	0,118	FALSE
0,088	0,288	0,004	0,013	0,104	FALSE
-0,126	0,280	-0,005	0,014	0,144	FALSE
0,009	0,287	0,001	0,011	0,048	FALSE
0,169	0,281	0,004	0,008	0,224	FALSE
-0,169	0,291	-0,007	0,014	0,211	FALSE
-0,093	0,282	-0,005	0,011	0,199	FALSE
0,115	0,283	0,003	0,008	0,145	FALSE
-0,184	0,272	-0,007	0,009	0,328	FALSE
-0,152	0,284	-0,006	0,011	0,250	FALSE
0,035	0,289	0,001	0,012	0,041	FALSE
-0,158	0,276	-0,006	0,011	0,237	FALSE
0,059	0,301	0,003	0,015	0,061	FALSE
0,066	0,288	0,002	0,014	0,051	FALSE
0,057	0,301	0,000	0,015	0,001	FALSE
-0,094	0,283	-0,002	0,009	0,070	FALSE
0,022	0,289	0,005	0,015	0,122	FALSE
0,032	0,299	0,000	0,009	0,018	FALSE
0,007	0,288	-0,002	0,011	0,052	FALSE
0,026	0,298	0,001	0,015	0,018	FALSE
0,021	0,288	0,000	0,015	0,002	FALSE
-0,141	0,271	-0,007	0,013	0,235	FALSE

0,021	0,271	0,000	0,014	0,002	FALSE
0,017	0,274	0,000	0,014	0,001	FALSE
0,161	0,260	0,008	0,013	0,281	FALSE
0,168	0,275	0,003	0,007	0,167	FALSE
0,098	0,281	0,003	0,012	0,096	FALSE
0,085	0,289	0,003	0,008	0,117	FALSE
-0,002	0,294	0,000	0,015	0,003	FALSE
-0,003	0,293	-0,001	0,014	0,014	FALSE
-0,074	0,289	-0,001	0,008	0,053	FALSE
0,153	0,282	0,007	0,015	0,194	FALSE
0,052	0,281	0,001	0,008	0,054	FALSE
-0,050	0,273	0,000	0,009	0,003	FALSE
0,122	0,291	0,004	0,010	0,149	FALSE
0,026	0,258	-0,001	0,014	0,020	FALSE
-0,131	0,285	-0,005	0,010	0,181	FALSE
0,051	0,287	0,001	0,009	0,030	FALSE
0,071	0,289	0,004	0,010	0,178	FALSE
0,028	0,289	0,002	0,011	0,080	FALSE
-0,006	0,284	-0,001	0,012	0,040	FALSE
0,097	0,285	0,003	0,009	0,113	FALSE
-0,056	0,291	-0,002	0,015	0,045	FALSE
-0,056	0,309	-0,002	0,015	0,049	FALSE
-0,152	0,272	-0,005	0,011	0,186	FALSE
0,070	0,282	0,001	0,007	0,067	FALSE
0,052	0,284	0,001	0,008	0,061	FALSE
-0,077	0,294	-0,004	0,012	0,136	FALSE
-0,031	0,290	-0,001	0,008	0,066	FALSE
0,124	0,273	0,002	0,014	0,048	FALSE
-0,035	0,276	-0,001	0,008	0,061	FALSE
-0,077	0,288	-0,001	0,010	0,053	FALSE
0,132	0,278	0,004	0,012	0,154	FALSE
0,135	0,286	0,004	0,008	0,220	FALSE
0,056	0,296	0,001	0,008	0,028	FALSE
0,181	0,304	0,009	0,013	0,304	FALSE
0,142	0,284	0,005	0,008	0,237	FALSE
0,161	0,275	0,006	0,014	0,167	FALSE
0,154	0,285	0,004	0,011	0,149	FALSE
0,164	0,283	0,005	0,012	0,155	FALSE
0,079	0,274	0,002	0,011	0,066	FALSE
0,205	0,286	0,004	0,008	0,229	FALSE
0,100	0,278	0,002	0,008	0,093	FALSE
-0,038	0,283	-0,002	0,007	0,088	FALSE
0,087	0,290	0,003	0,012	0,110	FALSE
-0,079	0,293	-0,003	0,012	0,107	FALSE
-0,126	0,297	-0,006	0,015	0,171	FALSE
0,071	0,279	0,001	0,009	0,049	FALSE
0,167	0,284	0,008	0,014	0,249	FALSE
0,181	0,285	0,009	0,014	0,278	FALSE
-0,151	0,289	-0,007	0,012	0,250	FALSE
0,064	0,289	0,003	0,016	0,077	FALSE
-0,035	0,280	-0,002	0,010	0,062	FALSE
-0,027	0,285	0,000	0,008	0,006	FALSE
0,126	0,278	0,003	0,010	0,137	FALSE

0,071	0,290	0,002	0,013	0,053	FALSE
0,140	0,295	0,003	0,008	0,168	FALSE
-0,022	0,284	0,000	0,010	0,013	FALSE
0,078	0,279	0,003	0,010	0,108	FALSE
-0,219	0,274	-0,006	0,010	0,268	FALSE
-0,138	0,291	-0,004	0,014	0,107	FALSE
-0,189	0,267	-0,004	0,008	0,234	FALSE
-0,100	0,268	-0,004	0,010	0,164	FALSE
-0,101	0,289	-0,002	0,009	0,098	FALSE
-0,230	0,274	-0,006	0,007	0,352	FALSE
-0,242	0,279	-0,006	0,009	0,333	FALSE
-0,145	0,284	-0,004	0,009	0,179	FALSE
-0,091	0,283	-0,005	0,013	0,150	FALSE
0,058	0,288	0,000	0,008	0,005	FALSE
0,087	0,297	0,001	0,009	0,035	FALSE
0,001	0,265	0,001	0,012	0,032	FALSE
0,041	0,288	0,002	0,011	0,055	FALSE
-0,031	0,290	-0,003	0,011	0,113	FALSE
0,173	0,284	0,004	0,009	0,188	FALSE
0,004	0,294	-0,001	0,011	0,043	FALSE
-0,082	0,299	-0,002	0,008	0,101	FALSE
0,038	0,287	0,002	0,008	0,105	FALSE
-0,175	0,277	-0,007	0,012	0,276	FALSE
-0,120	0,277	-0,003	0,010	0,133	FALSE
-0,246	0,279	-0,008	0,011	0,315	FALSE
-0,085	0,292	-0,004	0,015	0,105	FALSE
-0,030	0,300	-0,002	0,008	0,078	FALSE
-0,092	0,292	-0,002	0,009	0,095	FALSE
0,044	0,281	0,001	0,008	0,037	FALSE
-0,047	0,294	-0,002	0,013	0,071	FALSE
0,016	0,279	0,001	0,010	0,025	FALSE
-0,146	0,291	-0,003	0,007	0,147	FALSE
-0,203	0,283	-0,007	0,011	0,301	FALSE
0,114	0,297	0,003	0,010	0,105	FALSE
0,046	0,280	0,001	0,009	0,031	FALSE
-0,093	0,286	-0,002	0,011	0,065	FALSE
-0,031	0,294	-0,001	0,014	0,036	FALSE
0,067	0,289	0,003	0,012	0,082	FALSE
-0,008	0,285	0,000	0,011	0,016	FALSE
0,047	0,293	0,003	0,014	0,083	FALSE
-0,078	0,289	-0,002	0,008	0,123	FALSE
-0,024	0,302	0,001	0,013	0,019	FALSE
0,084	0,283	0,001	0,009	0,061	FALSE
-0,111	0,305	-0,004	0,011	0,133	FALSE
0,053	0,286	0,000	0,015	0,001	FALSE
-0,014	0,291	-0,004	0,014	0,105	FALSE
0,057	0,281	-0,001	0,015	0,019	FALSE
0,082	0,287	0,001	0,007	0,044	FALSE
-0,052	0,275	-0,001	0,011	0,022	FALSE
-0,015	0,289	-0,001	0,011	0,023	FALSE
0,140	0,281	0,005	0,013	0,156	FALSE
0,089	0,278	0,004	0,013	0,115	FALSE
0,207	0,277	0,008	0,013	0,252	FALSE

0,034	0,290	0,000	0,014	0,003	FALSE
-0,043	0,273	-0,002	0,007	0,091	FALSE
-0,057	0,288	-0,004	0,015	0,092	FALSE
-0,172	0,275	-0,008	0,015	0,228	FALSE
0,271	0,273	0,007	0,010	0,312	FALSE
-0,209	0,296	-0,010	0,013	0,351	FALSE
-0,179	0,281	-0,006	0,012	0,235	FALSE
-0,188	0,284	-0,007	0,012	0,275	FALSE
-0,235	0,266	-0,009	0,013	0,342	FALSE
-0,145	0,285	-0,003	0,011	0,116	FALSE
0,043	0,290	0,002	0,010	0,084	FALSE
-0,139	0,289	-0,003	0,008	0,138	FALSE
-0,017	0,294	-0,002	0,010	0,057	FALSE
0,043	0,284	0,001	0,011	0,017	FALSE
0,115	0,284	0,002	0,010	0,093	FALSE
0,020	0,299	0,000	0,015	0,003	FALSE
-0,017	0,290	0,000	0,009	0,016	FALSE
0,157	0,270	0,001	0,007	0,051	FALSE
0,046	0,290	-0,001	0,013	0,031	FALSE
0,051	0,290	0,004	0,011	0,126	FALSE
-0,038	0,287	-0,005	0,015	0,131	FALSE
-0,049	0,291	-0,001	0,010	0,027	FALSE
0,060	0,285	0,001	0,008	0,050	FALSE
0,052	0,278	0,004	0,013	0,118	FALSE
0,018	0,277	0,003	0,012	0,081	FALSE
0,024	0,301	-0,001	0,015	0,031	FALSE
-0,054	0,274	-0,001	0,009	0,061	FALSE
0,196	0,272	0,008	0,014	0,230	FALSE
-0,064	0,278	-0,003	0,009	0,110	FALSE
-0,117	0,279	-0,005	0,009	0,216	FALSE
-0,024	0,310	-0,001	0,016	0,029	FALSE
-0,112	0,285	-0,004	0,009	0,168	FALSE
-0,031	0,283	-0,001	0,008	0,037	FALSE
-0,055	0,281	-0,002	0,009	0,091	FALSE
0,018	0,299	0,000	0,010	0,005	FALSE
0,055	0,294	0,001	0,010	0,024	FALSE
0,059	0,295	0,002	0,008	0,115	FALSE
0,064	0,287	0,001	0,008	0,028	FALSE
0,035	0,276	0,001	0,009	0,035	FALSE
0,033	0,291	0,001	0,010	0,035	FALSE
0,078	0,278	0,001	0,008	0,072	FALSE
0,042	0,276	0,001	0,009	0,027	FALSE
0,133	0,288	0,003	0,008	0,121	FALSE
-0,008	0,299	0,000	0,014	0,012	FALSE
0,191	0,269	0,003	0,009	0,155	FALSE
-0,092	0,282	-0,002	0,007	0,096	FALSE
-0,181	0,271	-0,007	0,014	0,214	FALSE
0,219	0,277	0,008	0,015	0,220	FALSE
-0,068	0,272	-0,001	0,007	0,061	FALSE
0,121	0,289	0,005	0,015	0,144	FALSE
-0,113	0,271	-0,004	0,012	0,112	FALSE
0,152	0,285	0,007	0,015	0,197	FALSE
0,046	0,289	0,002	0,014	0,048	FALSE

0,033	0,294	0,002	0,014	0,048	FALSE
0,034	0,290	0,001	0,015	0,036	FALSE
0,129	0,285	0,003	0,008	0,151	FALSE
0,016	0,295	0,001	0,014	0,028	FALSE
-0,002	0,291	-0,001	0,014	0,020	FALSE
0,014	0,293	0,000	0,015	0,009	FALSE
0,021	0,310	0,000	0,015	0,010	FALSE
-0,017	0,288	-0,001	0,015	0,031	FALSE
0,017	0,306	0,000	0,015	0,007	FALSE
-0,012	0,294	-0,001	0,015	0,020	FALSE
-0,007	0,292	0,000	0,015	0,007	FALSE
-0,010	0,302	-0,001	0,015	0,012	FALSE
-0,010	0,299	0,000	0,015	0,006	FALSE
0,020	0,303	0,000	0,015	0,010	FALSE
0,003	0,300	0,000	0,015	0,003	FALSE
0,006	0,305	0,000	0,015	0,004	FALSE
-0,002	0,317	0,000	0,016	0,010	FALSE
0,032	0,295	0,002	0,015	0,044	FALSE
0,078	0,300	0,001	0,008	0,066	FALSE
-0,022	0,291	0,001	0,011	0,025	FALSE
0,109	0,293	0,003	0,009	0,136	FALSE
0,101	0,284	0,005	0,011	0,194	FALSE
-0,050	0,294	-0,001	0,015	0,025	FALSE
-0,059	0,296	-0,002	0,009	0,092	FALSE
-0,061	0,290	0,000	0,015	0,001	FALSE
0,074	0,279	0,006	0,014	0,165	FALSE
0,080	0,292	0,003	0,014	0,091	FALSE
-0,068	0,289	-0,002	0,015	0,053	FALSE
-0,035	0,270	-0,004	0,013	0,116	FALSE
0,083	0,286	0,002	0,013	0,056	FALSE
0,061	0,279	0,002	0,013	0,071	FALSE
0,047	0,288	0,002	0,013	0,065	FALSE
0,007	0,287	0,000	0,009	0,004	FALSE
-0,109	0,272	-0,003	0,009	0,125	FALSE
0,017	0,276	-0,003	0,011	0,097	FALSE
0,033	0,291	0,003	0,008	0,159	FALSE
0,174	0,293	0,005	0,012	0,185	FALSE
-0,149	0,288	-0,005	0,008	0,262	FALSE
0,082	0,273	0,001	0,009	0,033	FALSE
-0,148	0,277	-0,003	0,008	0,168	FALSE
0,084	0,285	0,003	0,008	0,140	FALSE
-0,033	0,312	-0,001	0,015	0,016	FALSE
-0,019	0,294	0,000	0,015	0,007	FALSE
0,045	0,276	0,002	0,007	0,107	FALSE
0,082	0,293	0,003	0,010	0,105	FALSE
0,062	0,287	0,002	0,010	0,083	FALSE
0,050	0,296	0,002	0,008	0,097	FALSE
-0,060	0,281	-0,001	0,010	0,044	FALSE
-0,026	0,288	0,001	0,012	0,018	FALSE
-0,048	0,275	-0,001	0,012	0,015	FALSE
0,134	0,276	0,006	0,014	0,158	FALSE
0,233	0,269	0,011	0,014	0,355	FALSE
-0,115	0,285	-0,005	0,014	0,136	FALSE

0,159	0,282	0,009	0,014	0,258	FALSE
-0,035	0,292	-0,001	0,012	0,036	FALSE
-0,040	0,285	-0,001	0,013	0,031	FALSE
0,047	0,279	0,001	0,008	0,064	FALSE
0,027	0,287	0,003	0,013	0,103	FALSE
-0,167	0,274	-0,005	0,008	0,242	FALSE
0,039	0,281	0,001	0,011	0,047	FALSE
-0,170	0,282	-0,005	0,008	0,253	FALSE
0,037	0,281	0,001	0,007	0,053	FALSE
-0,061	0,290	-0,003	0,011	0,120	FALSE
-0,043	0,297	-0,002	0,011	0,053	FALSE
-0,040	0,287	-0,003	0,011	0,093	FALSE
-0,061	0,292	-0,002	0,012	0,073	FALSE
-0,049	0,291	-0,001	0,010	0,026	FALSE
-0,093	0,291	-0,003	0,007	0,139	FALSE
-0,064	0,296	-0,002	0,007	0,104	FALSE
-0,101	0,288	-0,003	0,007	0,148	FALSE
0,032	0,303	0,002	0,013	0,050	FALSE
-0,169	0,277	-0,004	0,010	0,173	FALSE
-0,056	0,292	-0,003	0,014	0,081	FALSE
0,093	0,273	0,001	0,010	0,024	FALSE
-0,146	0,289	-0,006	0,012	0,195	FALSE
0,231	0,263	0,009	0,014	0,307	FALSE
0,237	0,271	0,010	0,013	0,338	FALSE
0,159	0,285	0,005	0,013	0,148	FALSE
-0,080	0,290	-0,001	0,009	0,047	FALSE
0,156	0,276	0,005	0,013	0,157	FALSE
0,213	0,275	0,007	0,012	0,279	FALSE
0,028	0,292	0,001	0,010	0,039	FALSE
0,093	0,289	0,002	0,008	0,100	FALSE
-0,072	0,281	-0,003	0,014	0,088	FALSE
-0,117	0,282	-0,001	0,008	0,055	FALSE
0,159	0,278	0,006	0,012	0,214	FALSE
-0,021	0,287	-0,001	0,008	0,027	FALSE
0,046	0,297	0,001	0,015	0,029	FALSE
-0,039	0,285	0,000	0,009	0,005	FALSE
0,193	0,289	0,005	0,009	0,241	FALSE
-0,138	0,287	-0,007	0,015	0,178	TRUE
-0,210	0,273	-0,007	0,014	0,205	FALSE
-0,017	0,282	0,001	0,011	0,027	FALSE
-0,224	0,289	-0,006	0,008	0,327	FALSE
-0,236	0,273	-0,005	0,008	0,316	FALSE
0,088	0,283	0,001	0,012	0,032	FALSE
-0,154	0,262	-0,007	0,015	0,186	FALSE
0,040	0,290	0,003	0,011	0,096	FALSE
-0,087	0,272	-0,003	0,015	0,076	FALSE
0,130	0,294	0,002	0,008	0,078	FALSE
0,143	0,286	0,002	0,008	0,072	FALSE
-0,137	0,286	-0,005	0,011	0,202	FALSE
0,084	0,291	0,000	0,008	0,019	FALSE
0,123	0,273	0,002	0,008	0,079	FALSE
-0,209	0,276	-0,010	0,014	0,300	FALSE
-0,056	0,288	0,000	0,010	0,005	FALSE

-0,007	0,298	0,000	0,015	0,005	FALSE
-0,029	0,284	0,000	0,011	0,012	FALSE
-0,093	0,287	-0,002	0,008	0,118	FALSE
-0,004	0,297	0,000	0,010	0,008	FALSE
0,049	0,289	0,005	0,015	0,130	FALSE
0,013	0,284	0,002	0,012	0,069	FALSE
0,105	0,283	0,003	0,008	0,169	FALSE
0,008	0,281	-0,001	0,011	0,044	FALSE
0,035	0,282	-0,002	0,015	0,054	FALSE
-0,031	0,280	0,001	0,007	0,047	FALSE
-0,123	0,288	-0,004	0,007	0,216	FALSE
-0,113	0,287	-0,004	0,015	0,106	FALSE
-0,131	0,280	-0,004	0,008	0,239	FALSE
-0,103	0,291	-0,002	0,008	0,074	FALSE
0,051	0,278	0,000	0,014	0,012	FALSE
0,047	0,273	0,000	0,008	0,015	FALSE
-0,159	0,277	-0,003	0,008	0,168	FALSE
-0,016	0,288	0,000	0,009	0,003	FALSE
-0,057	0,280	-0,003	0,014	0,068	FALSE
0,013	0,295	0,001	0,008	0,046	FALSE
0,014	0,288	0,000	0,011	0,015	FALSE
0,075	0,279	0,002	0,014	0,046	FALSE
-0,003	0,290	0,000	0,009	0,020	FALSE
0,043	0,296	0,002	0,013	0,074	FALSE
0,089	0,274	0,002	0,007	0,109	FALSE
-0,122	0,297	-0,006	0,014	0,172	FALSE
-0,024	0,296	0,001	0,009	0,022	FALSE
0,021	0,265	0,004	0,014	0,125	FALSE
-0,098	0,289	-0,002	0,008	0,091	FALSE
0,089	0,293	0,002	0,008	0,081	FALSE
0,102	0,290	0,004	0,010	0,138	FALSE
0,120	0,264	0,001	0,009	0,056	FALSE
0,168	0,293	0,006	0,011	0,215	FALSE
-0,013	0,285	0,000	0,009	0,009	FALSE
0,099	0,298	0,006	0,015	0,180	FALSE
0,075	0,290	0,006	0,015	0,164	FALSE
0,140	0,293	0,003	0,008	0,162	FALSE
-0,024	0,285	-0,004	0,014	0,102	FALSE
0,068	0,292	0,001	0,013	0,022	FALSE
-0,086	0,294	-0,004	0,014	0,124	FALSE
0,006	0,281	0,004	0,015	0,101	FALSE
-0,132	0,278	-0,003	0,012	0,095	FALSE
0,118	0,297	0,007	0,015	0,183	FALSE
0,082	0,286	0,003	0,011	0,108	FALSE
0,034	0,284	0,002	0,011	0,079	FALSE
0,056	0,281	0,001	0,015	0,022	FALSE
-0,076	0,281	-0,001	0,010	0,050	FALSE
0,004	0,290	-0,001	0,008	0,046	FALSE
0,020	0,261	-0,002	0,011	0,084	FALSE
-0,065	0,272	0,001	0,014	0,026	FALSE
0,102	0,277	0,001	0,014	0,031	FALSE
-0,191	0,280	-0,004	0,009	0,193	FALSE
0,059	0,282	0,002	0,012	0,063	FALSE

-0,160	0,283	-0,010	0,014	0,341	FALSE
0,094	0,306	0,003	0,011	0,125	FALSE
0,032	0,285	0,001	0,010	0,050	FALSE
0,022	0,279	-0,001	0,013	0,028	FALSE
0,029	0,268	-0,001	0,014	0,028	FALSE
0,130	0,289	0,004	0,011	0,143	FALSE
0,196	0,278	0,003	0,009	0,147	FALSE
0,123	0,290	0,008	0,015	0,229	FALSE
-0,036	0,285	-0,001	0,008	0,052	FALSE
0,073	0,288	0,003	0,010	0,098	FALSE
0,014	0,290	0,000	0,014	0,003	FALSE
0,029	0,286	0,005	0,014	0,130	FALSE
-0,048	0,269	-0,001	0,008	0,068	FALSE
0,204	0,274	0,007	0,011	0,282	FALSE
0,163	0,276	0,006	0,010	0,262	FALSE
0,191	0,281	0,007	0,010	0,310	FALSE
-0,107	0,278	-0,003	0,008	0,139	FALSE
-0,038	0,292	-0,001	0,012	0,022	FALSE
0,209	0,277	0,010	0,013	0,351	FALSE
-0,002	0,296	0,001	0,014	0,015	FALSE
-0,001	0,310	0,001	0,014	0,017	FALSE
0,184	0,277	0,005	0,009	0,219	FALSE
-0,094	0,297	-0,001	0,008	0,042	FALSE
0,084	0,280	0,003	0,009	0,149	FALSE
-0,062	0,295	-0,001	0,009	0,035	FALSE
0,029	0,278	0,000	0,011	0,016	FALSE
-0,137	0,284	-0,003	0,007	0,152	FALSE
-0,097	0,287	-0,002	0,010	0,080	FALSE
0,232	0,278	0,010	0,013	0,395	FALSE
0,088	0,298	0,001	0,010	0,044	FALSE
-0,044	0,300	-0,001	0,008	0,057	FALSE
0,026	0,295	0,001	0,010	0,053	FALSE
0,030	0,294	0,002	0,010	0,063	FALSE
-0,112	0,271	-0,004	0,011	0,142	FALSE
-0,063	0,301	-0,003	0,015	0,082	FALSE
-0,144	0,284	-0,005	0,009	0,236	FALSE
0,052	0,289	0,002	0,007	0,121	FALSE
0,060	0,282	0,001	0,011	0,043	FALSE
0,189	0,286	0,004	0,008	0,178	FALSE
0,049	0,299	0,003	0,014	0,068	FALSE
0,139	0,276	0,006	0,009	0,289	FALSE
0,135	0,292	0,006	0,010	0,281	FALSE
-0,105	0,276	-0,006	0,015	0,164	FALSE
-0,114	0,289	-0,006	0,015	0,163	FALSE
-0,122	0,290	-0,007	0,016	0,174	FALSE
0,049	0,298	0,000	0,009	0,013	FALSE
-0,110	0,279	-0,006	0,014	0,170	FALSE
-0,357	0,243	-0,013	0,010	0,678	FALSE
-0,125	0,279	-0,007	0,014	0,213	FALSE
0,045	0,283	0,004	0,013	0,109	FALSE
-0,024	0,265	-0,002	0,009	0,091	FALSE
-0,129	0,281	-0,004	0,008	0,210	FALSE
-0,066	0,303	-0,002	0,008	0,095	FALSE

0,073	0,293	0,003	0,010	0,105	FALSE
0,048	0,292	0,001	0,013	0,043	FALSE
-0,028	0,291	-0,003	0,014	0,089	FALSE
0,072	0,299	0,001	0,014	0,027	FALSE
0,073	0,295	0,002	0,014	0,059	FALSE
0,072	0,293	0,003	0,015	0,064	FALSE
0,115	0,299	0,002	0,008	0,120	FALSE
0,054	0,278	0,002	0,015	0,038	FALSE
-0,101	0,280	-0,006	0,014	0,174	FALSE
-0,078	0,276	-0,003	0,012	0,098	FALSE
-0,082	0,278	-0,004	0,012	0,145	FALSE
-0,014	0,304	-0,002	0,013	0,045	FALSE
0,168	0,271	0,003	0,008	0,156	FALSE
-0,196	0,284	-0,007	0,010	0,277	FALSE
0,043	0,285	0,005	0,014	0,133	FALSE
0,080	0,284	0,006	0,015	0,152	FALSE
-0,020	0,289	0,000	0,009	0,000	FALSE
0,075	0,269	0,001	0,014	0,023	FALSE
-0,124	0,278	-0,002	0,010	0,099	FALSE
0,073	0,293	0,002	0,008	0,086	FALSE
-0,117	0,277	-0,002	0,013	0,064	FALSE
0,066	0,297	0,003	0,015	0,070	FALSE
-0,025	0,283	0,000	0,012	0,003	FALSE
0,094	0,270	0,004	0,011	0,166	FALSE
0,067	0,282	0,001	0,009	0,031	FALSE
-0,046	0,300	-0,002	0,015	0,062	FALSE
-0,161	0,286	-0,007	0,015	0,191	FALSE
0,066	0,287	0,004	0,012	0,114	FALSE
0,167	0,293	0,005	0,009	0,214	FALSE
0,064	0,294	0,002	0,013	0,059	FALSE
-0,090	0,293	-0,002	0,010	0,066	FALSE
0,102	0,289	0,006	0,015	0,153	FALSE
0,097	0,285	0,005	0,015	0,129	FALSE
0,040	0,295	0,001	0,008	0,024	FALSE
-0,040	0,294	-0,001	0,009	0,035	FALSE
0,164	0,276	0,007	0,014	0,220	FALSE
-0,038	0,284	-0,003	0,011	0,088	FALSE
-0,001	0,291	-0,001	0,009	0,036	FALSE
-0,030	0,283	0,000	0,008	0,001	FALSE
-0,051	0,290	0,000	0,010	0,001	FALSE
-0,015	0,288	0,000	0,008	0,010	FALSE
-0,078	0,284	-0,003	0,008	0,157	FALSE
-0,067	0,284	-0,001	0,010	0,019	FALSE
0,044	0,294	0,001	0,015	0,013	FALSE
0,131	0,275	0,003	0,009	0,108	FALSE
0,118	0,273	0,002	0,009	0,103	FALSE
0,102	0,275	0,002	0,009	0,064	FALSE
0,108	0,281	0,002	0,009	0,081	FALSE
0,167	0,270	0,004	0,009	0,176	FALSE
0,083	0,283	0,003	0,009	0,119	FALSE
0,061	0,291	0,002	0,013	0,065	FALSE
0,002	0,274	0,000	0,010	0,015	FALSE
-0,083	0,285	-0,001	0,008	0,054	FALSE

-0,014	0,289	0,000	0,008	0,019	FALSE
-0,001	0,302	0,000	0,009	0,009	FALSE
0,111	0,288	0,006	0,014	0,170	FALSE
-0,143	0,282	-0,005	0,010	0,199	FALSE
-0,209	0,284	-0,006	0,011	0,249	FALSE
-0,219	0,271	-0,006	0,011	0,228	FALSE
0,251	0,294	0,005	0,008	0,316	FALSE
-0,242	0,277	-0,007	0,012	0,260	FALSE
0,209	0,289	0,006	0,011	0,220	FALSE
-0,065	0,289	-0,003	0,014	0,090	FALSE
0,116	0,282	0,003	0,011	0,106	FALSE
0,123	0,284	0,004	0,012	0,122	FALSE
0,119	0,283	0,003	0,012	0,111	FALSE
0,048	0,283	0,000	0,012	0,004	FALSE
0,081	0,286	0,002	0,012	0,051	FALSE
0,068	0,282	0,000	0,011	0,013	FALSE
-0,081	0,286	-0,002	0,008	0,101	FALSE
0,127	0,293	0,005	0,010	0,192	FALSE
-0,090	0,292	-0,002	0,014	0,054	FALSE
0,081	0,286	0,003	0,007	0,186	FALSE
0,013	0,291	0,002	0,010	0,066	FALSE
-0,199	0,296	-0,004	0,007	0,247	FALSE
0,135	0,278	0,003	0,010	0,124	FALSE
-0,103	0,285	-0,003	0,010	0,118	FALSE
-0,134	0,290	-0,005	0,011	0,183	FALSE
-0,088	0,282	-0,002	0,008	0,113	FALSE
-0,067	0,300	-0,001	0,008	0,048	FALSE
0,164	0,282	0,006	0,015	0,160	FALSE
0,015	0,277	-0,002	0,014	0,046	FALSE
-0,016	0,276	0,000	0,008	0,013	FALSE
-0,005	0,305	-0,002	0,016	0,040	FALSE
0,021	0,288	0,000	0,015	0,006	FALSE
0,030	0,286	0,000	0,014	0,002	FALSE
-0,012	0,277	-0,001	0,008	0,028	FALSE
-0,024	0,306	-0,001	0,012	0,015	FALSE
-0,080	0,291	-0,002	0,008	0,114	FALSE
0,025	0,293	0,001	0,008	0,061	FALSE
0,189	0,277	0,003	0,007	0,203	FALSE
0,019	0,289	0,001	0,008	0,031	FALSE
0,037	0,288	0,003	0,015	0,066	FALSE
-0,047	0,286	-0,001	0,011	0,038	FALSE
0,062	0,294	0,001	0,010	0,038	FALSE
0,120	0,287	0,004	0,009	0,166	FALSE
0,088	0,276	0,002	0,007	0,117	FALSE
0,119	0,282	0,005	0,009	0,216	FALSE
0,077	0,276	0,005	0,014	0,141	FALSE
0,034	0,276	-0,001	0,014	0,020	FALSE
0,066	0,292	0,000	0,009	0,003	FALSE
0,034	0,293	-0,001	0,010	0,032	FALSE
0,090	0,297	0,001	0,009	0,055	FALSE
0,035	0,279	-0,001	0,010	0,046	FALSE
-0,126	0,289	-0,003	0,008	0,134	FALSE
-0,008	0,282	0,000	0,011	0,012	FALSE

0,012	0,302	0,003	0,013	0,074	FALSE
0,009	0,278	0,003	0,014	0,088	FALSE
0,081	0,287	0,002	0,007	0,112	FALSE
-0,013	0,279	-0,005	0,015	0,138	FALSE
0,103	0,267	0,000	0,007	0,021	FALSE
0,022	0,285	0,001	0,009	0,049	FALSE
-0,081	0,275	-0,004	0,009	0,190	FALSE
0,124	0,286	0,005	0,009	0,227	FALSE
-0,009	0,291	0,001	0,013	0,035	FALSE
0,130	0,287	0,003	0,012	0,110	FALSE
-0,041	0,280	0,000	0,009	0,000	FALSE
0,054	0,294	0,003	0,010	0,119	FALSE
0,096	0,297	0,003	0,013	0,075	FALSE
0,103	0,269	0,004	0,014	0,126	FALSE
0,053	0,280	0,002	0,012	0,080	FALSE
0,078	0,267	0,003	0,014	0,082	FALSE
-0,160	0,288	-0,007	0,012	0,244	FALSE
-0,019	0,293	-0,001	0,011	0,040	FALSE
0,002	0,275	0,000	0,011	0,015	FALSE
0,007	0,291	0,001	0,010	0,030	FALSE
0,100	0,278	0,005	0,012	0,193	FALSE
-0,026	0,276	-0,003	0,010	0,116	FALSE
0,011	0,277	-0,001	0,015	0,019	FALSE
-0,006	0,295	0,001	0,012	0,027	FALSE
-0,102	0,293	-0,002	0,009	0,094	FALSE
0,067	0,290	0,004	0,014	0,099	FALSE
-0,026	0,294	0,000	0,008	0,004	FALSE
0,066	0,308	0,004	0,015	0,100	FALSE
-0,064	0,282	-0,004	0,014	0,106	FALSE
0,056	0,302	0,003	0,012	0,083	FALSE
0,053	0,294	0,002	0,012	0,070	FALSE
0,138	0,289	0,004	0,014	0,107	FALSE
0,104	0,288	0,003	0,010	0,102	FALSE
0,048	0,288	0,002	0,008	0,093	FALSE
0,105	0,283	0,006	0,014	0,188	FALSE
0,067	0,290	0,005	0,015	0,123	FALSE
0,126	0,281	0,006	0,014	0,196	FALSE
0,143	0,297	0,007	0,014	0,204	FALSE
0,184	0,288	0,004	0,008	0,223	FALSE
0,073	0,291	0,002	0,008	0,077	FALSE
0,095	0,271	0,002	0,008	0,111	FALSE
0,090	0,290	0,001	0,008	0,066	FALSE
0,006	0,290	0,000	0,015	0,008	FALSE
0,104	0,288	0,003	0,014	0,073	FALSE
0,114	0,277	0,003	0,012	0,086	FALSE
0,134	0,289	0,004	0,015	0,098	FALSE
-0,126	0,285	-0,003	0,013	0,088	FALSE
-0,133	0,283	-0,004	0,008	0,195	FALSE
0,012	0,286	0,000	0,009	0,005	FALSE
-0,095	0,285	-0,005	0,011	0,183	FALSE
-0,018	0,281	0,000	0,010	0,013	FALSE
-0,034	0,284	-0,001	0,012	0,032	FALSE
0,160	0,284	0,003	0,007	0,190	FALSE

0,094	0,284	0,002	0,009	0,078	FALSE
0,215	0,283	0,006	0,008	0,303	FALSE
-0,167	0,285	-0,006	0,010	0,236	FALSE
-0,166	0,282	-0,006	0,010	0,244	FALSE
-0,037	0,296	0,000	0,008	0,008	FALSE
0,143	0,280	0,006	0,014	0,169	FALSE
-0,007	0,284	-0,001	0,009	0,038	FALSE
0,024	0,284	0,000	0,010	0,007	FALSE
-0,135	0,286	-0,004	0,013	0,129	FALSE
-0,137	0,278	-0,004	0,013	0,136	FALSE
0,035	0,296	0,000	0,009	0,005	FALSE
-0,027	0,284	-0,002	0,014	0,060	FALSE
0,103	0,301	0,001	0,009	0,052	FALSE
-0,067	0,279	0,000	0,011	0,002	FALSE
-0,054	0,300	-0,003	0,015	0,071	FALSE
-0,126	0,284	-0,004	0,009	0,150	FALSE
-0,121	0,266	-0,004	0,008	0,248	FALSE
-0,109	0,295	-0,005	0,014	0,136	FALSE
0,057	0,281	0,001	0,012	0,040	FALSE
-0,015	0,272	-0,001	0,009	0,030	FALSE
-0,264	0,279	-0,007	0,008	0,400	FALSE
0,038	0,278	0,003	0,015	0,064	FALSE
-0,073	0,284	-0,004	0,015	0,112	FALSE
-0,077	0,289	-0,001	0,008	0,049	FALSE
0,112	0,294	0,004	0,011	0,157	FALSE
-0,067	0,269	-0,001	0,008	0,030	FALSE
0,049	0,295	0,001	0,009	0,041	FALSE
-0,252	0,275	-0,007	0,008	0,382	FALSE
0,016	0,276	0,001	0,008	0,044	FALSE
-0,152	0,279	-0,006	0,014	0,155	FALSE
-0,137	0,289	-0,004	0,012	0,141	FALSE
-0,111	0,289	-0,003	0,012	0,089	FALSE
0,241	0,259	0,006	0,011	0,229	FALSE
-0,144	0,286	-0,005	0,014	0,129	FALSE
-0,175	0,286	-0,006	0,014	0,195	FALSE
-0,165	0,289	-0,007	0,014	0,186	FALSE
-0,125	0,285	-0,004	0,014	0,109	FALSE
-0,193	0,284	-0,008	0,014	0,252	FALSE
0,050	0,289	0,002	0,009	0,063	FALSE
-0,172	0,284	-0,004	0,009	0,218	FALSE
0,051	0,291	0,001	0,009	0,040	FALSE
0,093	0,280	0,001	0,011	0,046	FALSE
-0,036	0,290	-0,002	0,007	0,115	FALSE
-0,026	0,287	0,001	0,013	0,016	FALSE
-0,090	0,288	-0,007	0,015	0,184	FALSE
-0,070	0,276	0,000	0,012	0,001	FALSE
0,045	0,274	-0,001	0,014	0,027	FALSE
0,010	0,284	-0,003	0,015	0,077	FALSE
0,024	0,299	0,001	0,013	0,029	FALSE
0,009	0,286	0,000	0,012	0,015	FALSE
0,018	0,283	0,001	0,012	0,017	FALSE
0,142	0,267	0,004	0,015	0,098	FALSE
0,138	0,267	0,004	0,014	0,116	FALSE

0,138	0,271	0,004	0,014	0,120	FALSE
0,325	0,271	0,015	0,016	0,449	FALSE
0,179	0,291	0,006	0,012	0,202	FALSE
-0,042	0,278	0,000	0,009	0,016	FALSE
-0,054	0,300	-0,001	0,010	0,019	FALSE
0,002	0,287	0,000	0,007	0,002	FALSE
0,164	0,281	0,006	0,011	0,238	FALSE
-0,023	0,257	-0,002	0,012	0,065	FALSE
0,164	0,271	0,004	0,008	0,191	FALSE
0,034	0,285	-0,001	0,009	0,023	FALSE
0,082	0,290	0,006	0,015	0,163	FALSE
0,072	0,274	0,006	0,013	0,200	FALSE
0,040	0,277	0,000	0,008	0,005	FALSE
0,007	0,295	0,003	0,015	0,080	FALSE
0,009	0,298	0,002	0,015	0,052	FALSE
0,000	0,295	0,001	0,009	0,054	FALSE
0,013	0,283	0,001	0,013	0,039	FALSE
-0,030	0,282	-0,002	0,012	0,065	FALSE
-0,050	0,292	-0,002	0,014	0,051	FALSE
-0,002	0,284	0,000	0,009	0,015	FALSE
-0,090	0,281	-0,001	0,007	0,076	FALSE
0,038	0,283	0,001	0,010	0,032	FALSE
-0,039	0,291	0,000	0,015	0,002	FALSE
0,029	0,292	0,001	0,009	0,057	FALSE
0,127	0,287	0,003	0,008	0,151	FALSE
0,157	0,286	0,004	0,010	0,148	FALSE
-0,004	0,283	0,000	0,011	0,005	FALSE
0,008	0,297	0,002	0,013	0,047	FALSE
-0,056	0,272	0,000	0,009	0,019	FALSE
-0,062	0,274	-0,003	0,009	0,151	FALSE
0,100	0,275	0,009	0,015	0,265	FALSE
-0,011	0,304	-0,001	0,011	0,024	FALSE
0,139	0,278	0,010	0,015	0,317	FALSE
0,201	0,283	0,008	0,013	0,300	FALSE
0,137	0,286	0,002	0,011	0,068	FALSE
0,129	0,280	0,004	0,013	0,112	FALSE
0,163	0,291	0,005	0,013	0,159	FALSE
0,147	0,279	0,005	0,013	0,168	FALSE
-0,159	0,285	-0,004	0,011	0,135	FALSE
0,057	0,281	0,000	0,009	0,008	FALSE
-0,081	0,295	-0,002	0,008	0,088	FALSE
0,011	0,291	0,003	0,015	0,088	FALSE
0,020	0,299	0,002	0,008	0,112	FALSE
0,157	0,273	0,006	0,013	0,196	FALSE
-0,230	0,265	-0,009	0,013	0,290	FALSE
0,028	0,299	0,000	0,011	0,009	FALSE
0,081	0,294	0,004	0,008	0,198	FALSE
-0,018	0,276	0,000	0,009	0,005	FALSE
-0,098	0,296	-0,004	0,011	0,173	FALSE
0,025	0,269	0,001	0,010	0,027	FALSE
-0,152	0,287	-0,003	0,008	0,155	FALSE
0,207	0,294	0,005	0,008	0,265	FALSE
0,221	0,285	0,005	0,008	0,255	FALSE

-0,026	0,289	0,001	0,014	0,036	FALSE
-0,003	0,294	0,003	0,014	0,068	FALSE
0,089	0,282	0,003	0,014	0,086	FALSE
-0,083	0,282	-0,002	0,014	0,048	FALSE
-0,030	0,280	-0,001	0,010	0,029	FALSE
-0,076	0,281	-0,002	0,013	0,043	FALSE
-0,079	0,291	-0,001	0,014	0,039	FALSE
-0,077	0,286	-0,002	0,013	0,065	FALSE
-0,118	0,269	-0,004	0,012	0,125	FALSE
0,072	0,283	0,000	0,009	0,018	FALSE
0,077	0,282	0,001	0,010	0,031	FALSE
0,042	0,270	0,000	0,010	0,005	FALSE
-0,027	0,282	-0,001	0,009	0,055	FALSE
-0,121	0,285	-0,006	0,014	0,182	FALSE
0,207	0,280	0,011	0,013	0,382	FALSE
-0,014	0,285	-0,001	0,007	0,026	FALSE
-0,068	0,293	-0,004	0,011	0,143	FALSE
-0,090	0,290	-0,001	0,008	0,058	FALSE
0,112	0,286	0,002	0,009	0,089	FALSE
0,144	0,296	0,008	0,013	0,251	FALSE
0,059	0,295	0,004	0,016	0,094	FALSE
0,035	0,276	0,002	0,014	0,064	FALSE
-0,017	0,280	-0,001	0,010	0,025	FALSE
-0,061	0,278	-0,002	0,013	0,059	FALSE
0,100	0,285	0,004	0,011	0,128	FALSE
-0,057	0,291	-0,004	0,014	0,103	FALSE
0,018	0,276	-0,001	0,010	0,041	FALSE
-0,081	0,282	-0,001	0,008	0,045	FALSE
-0,054	0,289	-0,001	0,009	0,025	FALSE
-0,055	0,285	-0,003	0,008	0,117	FALSE
-0,131	0,287	-0,004	0,009	0,196	FALSE
-0,047	0,282	-0,002	0,010	0,067	FALSE
-0,171	0,271	-0,007	0,011	0,308	FALSE
0,055	0,283	0,001	0,008	0,039	FALSE
-0,005	0,291	0,000	0,010	0,009	FALSE
-0,144	0,278	-0,004	0,009	0,193	FALSE
0,072	0,285	0,005	0,010	0,195	FALSE
-0,031	0,284	-0,001	0,014	0,018	FALSE
0,143	0,286	0,005	0,008	0,250	FALSE
-0,120	0,286	-0,004	0,011	0,156	FALSE
-0,280	0,259	-0,009	0,011	0,408	FALSE
-0,276	0,265	-0,009	0,011	0,361	FALSE
-0,236	0,274	-0,007	0,011	0,308	FALSE
0,035	0,289	0,001	0,008	0,028	FALSE
-0,082	0,268	-0,005	0,013	0,142	FALSE
-0,086	0,277	-0,006	0,014	0,167	FALSE
-0,068	0,289	-0,005	0,015	0,138	FALSE
-0,052	0,280	-0,004	0,010	0,147	FALSE
-0,028	0,267	-0,002	0,009	0,108	FALSE
-0,141	0,291	-0,006	0,011	0,213	FALSE
-0,085	0,277	-0,002	0,009	0,101	FALSE
-0,023	0,309	-0,002	0,012	0,063	FALSE
-0,109	0,284	-0,007	0,012	0,252	FALSE

-0,077	0,279	-0,003	0,008	0,162	FALSE
-0,041	0,290	-0,005	0,013	0,160	FALSE
-0,087	0,294	-0,005	0,011	0,195	FALSE
-0,200	0,287	-0,008	0,014	0,255	FALSE
0,037	0,286	0,001	0,011	0,027	FALSE
-0,171	0,283	-0,005	0,007	0,324	FALSE
-0,278	0,270	-0,012	0,015	0,380	FALSE
-0,037	0,272	0,000	0,014	0,000	FALSE
-0,066	0,298	-0,001	0,009	0,056	FALSE
0,114	0,303	0,007	0,015	0,187	FALSE
0,089	0,279	0,002	0,009	0,106	FALSE
-0,161	0,292	-0,005	0,014	0,157	FALSE
0,140	0,272	0,005	0,013	0,135	FALSE
0,086	0,287	0,005	0,014	0,153	FALSE
-0,021	0,292	-0,001	0,012	0,031	FALSE
-0,215	0,278	-0,006	0,008	0,307	FALSE
-0,158	0,287	-0,004	0,007	0,226	FALSE
-0,120	0,262	-0,002	0,010	0,064	FALSE
0,050	0,281	0,002	0,015	0,047	FALSE
0,201	0,289	0,006	0,010	0,235	FALSE
0,029	0,296	0,001	0,015	0,019	FALSE
0,040	0,283	0,000	0,007	0,012	FALSE
-0,171	0,280	-0,004	0,008	0,178	FALSE
-0,063	0,297	-0,003	0,014	0,090	FALSE
0,010	0,295	0,001	0,010	0,023	FALSE
0,060	0,290	0,005	0,015	0,131	FALSE
0,030	0,289	0,001	0,008	0,034	FALSE
-0,028	0,283	-0,001	0,013	0,021	FALSE
0,034	0,289	0,001	0,010	0,052	FALSE
-0,045	0,293	-0,001	0,010	0,057	FALSE
-0,055	0,271	-0,002	0,013	0,060	FALSE
-0,114	0,270	-0,003	0,008	0,143	FALSE
0,160	0,279	0,006	0,013	0,170	FALSE
-0,069	0,285	-0,001	0,008	0,047	FALSE
-0,046	0,288	0,000	0,009	0,009	FALSE
-0,135	0,287	-0,005	0,011	0,175	FALSE
0,074	0,291	0,001	0,008	0,038	FALSE
0,023	0,292	0,001	0,009	0,051	FALSE
-0,031	0,281	-0,001	0,009	0,036	FALSE
-0,041	0,292	-0,001	0,009	0,033	FALSE
-0,074	0,293	-0,002	0,009	0,068	FALSE
-0,023	0,295	-0,002	0,013	0,044	FALSE
0,000	0,296	0,000	0,008	0,015	FALSE
0,037	0,282	0,002	0,014	0,050	FALSE
-0,077	0,286	-0,004	0,009	0,153	FALSE
0,050	0,292	0,001	0,012	0,037	FALSE
0,003	0,285	0,001	0,009	0,061	FALSE
-0,130	0,279	-0,004	0,008	0,232	FALSE
-0,123	0,285	-0,005	0,015	0,129	FALSE
0,083	0,290	0,001	0,008	0,030	FALSE
0,056	0,273	0,003	0,010	0,120	FALSE
0,064	0,292	0,002	0,015	0,047	FALSE
-0,142	0,280	-0,006	0,015	0,172	FALSE

-0,022	0,274	-0,002	0,012	0,057	FALSE
0,005	0,268	0,001	0,013	0,015	FALSE
0,001	0,288	-0,001	0,012	0,027	FALSE
0,097	0,292	0,002	0,010	0,086	FALSE
-0,148	0,286	-0,007	0,011	0,268	FALSE
-0,017	0,297	0,000	0,011	0,009	FALSE
0,034	0,296	0,000	0,010	0,000	FALSE
0,073	0,294	0,002	0,008	0,098	FALSE
-0,131	0,282	-0,005	0,009	0,258	FALSE
0,052	0,288	0,001	0,008	0,070	FALSE
0,070	0,271	0,002	0,008	0,085	FALSE
-0,028	0,275	0,000	0,009	0,012	FALSE
0,161	0,265	0,004	0,010	0,159	FALSE
0,011	0,301	0,000	0,015	0,006	FALSE
0,197	0,286	0,006	0,008	0,313	FALSE
-0,110	0,273	-0,004	0,012	0,137	FALSE
-0,076	0,284	-0,005	0,015	0,121	FALSE
-0,171	0,286	-0,005	0,012	0,163	FALSE
-0,173	0,276	-0,005	0,012	0,180	FALSE
-0,163	0,285	-0,004	0,012	0,147	FALSE
0,139	0,289	0,005	0,011	0,194	FALSE
-0,104	0,294	-0,003	0,008	0,137	FALSE
0,165	0,293	0,006	0,010	0,270	FALSE
-0,110	0,284	-0,005	0,011	0,171	FALSE
0,009	0,283	0,000	0,008	0,002	FALSE
-0,089	0,282	-0,001	0,012	0,043	FALSE
-0,147	0,283	-0,003	0,010	0,122	FALSE
0,092	0,289	0,003	0,009	0,125	FALSE
-0,076	0,286	-0,002	0,011	0,080	FALSE
-0,095	0,290	-0,003	0,011	0,089	FALSE
-0,046	0,296	-0,001	0,011	0,035	FALSE
-0,062	0,287	-0,002	0,011	0,077	FALSE
-0,083	0,293	-0,002	0,011	0,068	FALSE
-0,062	0,292	-0,002	0,012	0,062	FALSE
-0,048	0,283	-0,002	0,011	0,069	FALSE
-0,052	0,291	-0,002	0,009	0,103	FALSE
-0,012	0,287	-0,001	0,009	0,049	FALSE
0,030	0,281	0,001	0,007	0,033	FALSE
-0,051	0,292	-0,003	0,013	0,074	FALSE
-0,030	0,287	-0,002	0,010	0,060	FALSE
0,060	0,291	0,003	0,013	0,094	FALSE
0,007	0,281	0,000	0,008	0,017	FALSE
0,053	0,295	0,002	0,012	0,069	FALSE
-0,022	0,277	-0,001	0,011	0,020	FALSE
-0,006	0,281	-0,001	0,008	0,066	FALSE
0,179	0,285	0,005	0,014	0,151	FALSE
-0,058	0,284	-0,001	0,009	0,038	FALSE
-0,022	0,290	-0,001	0,014	0,015	FALSE
-0,119	0,281	-0,007	0,014	0,213	FALSE
-0,059	0,284	-0,001	0,007	0,038	FALSE
-0,042	0,292	0,001	0,007	0,029	FALSE
-0,019	0,302	0,001	0,008	0,036	FALSE
0,046	0,281	0,002	0,010	0,062	FALSE

-0,029	0,276	-0,006	0,013	0,183	FALSE
0,024	0,282	0,001	0,010	0,031	FALSE
-0,097	0,298	-0,003	0,012	0,094	FALSE
-0,073	0,297	-0,002	0,012	0,077	FALSE
-0,179	0,271	-0,009	0,012	0,343	FALSE
-0,108	0,291	-0,003	0,012	0,088	FALSE
-0,178	0,273	-0,009	0,012	0,352	FALSE
-0,167	0,281	-0,009	0,012	0,318	FALSE
-0,140	0,275	-0,007	0,012	0,256	FALSE
-0,069	0,301	0,000	0,011	0,008	FALSE
0,128	0,284	0,005	0,008	0,229	FALSE
-0,135	0,282	-0,002	0,010	0,080	FALSE
0,043	0,288	0,001	0,010	0,047	FALSE
-0,069	0,267	-0,003	0,014	0,088	FALSE
-0,108	0,280	-0,002	0,007	0,106	FALSE
-0,003	0,294	-0,001	0,009	0,028	FALSE
-0,026	0,290	-0,001	0,009	0,033	FALSE
0,187	0,289	0,007	0,011	0,270	TRUE
0,103	0,278	0,004	0,012	0,132	FALSE
0,104	0,280	0,003	0,011	0,113	FALSE
0,124	0,285	0,004	0,012	0,132	FALSE
-0,021	0,292	0,000	0,010	0,000	FALSE
-0,206	0,281	-0,004	0,007	0,262	FALSE
0,010	0,287	-0,002	0,014	0,051	FALSE
0,212	0,287	0,006	0,010	0,239	FALSE
0,113	0,297	0,003	0,008	0,162	FALSE
-0,145	0,279	-0,005	0,012	0,183	FALSE
0,089	0,278	0,002	0,011	0,077	FALSE
-0,091	0,285	-0,004	0,009	0,168	FALSE
-0,130	0,289	-0,005	0,010	0,222	FALSE
-0,095	0,300	-0,004	0,010	0,164	FALSE
0,094	0,291	0,000	0,009	0,016	FALSE
-0,125	0,295	-0,005	0,010	0,201	FALSE
0,023	0,282	0,000	0,009	0,013	FALSE
0,043	0,291	0,001	0,009	0,023	FALSE
0,042	0,298	0,002	0,014	0,051	FALSE
0,073	0,289	0,004	0,014	0,104	FALSE
0,127	0,292	0,005	0,011	0,173	FALSE
-0,182	0,287	-0,009	0,015	0,282	FALSE
0,102	0,280	0,005	0,014	0,161	FALSE
0,103	0,291	0,006	0,014	0,168	FALSE
-0,198	0,275	-0,007	0,013	0,242	FALSE
-0,040	0,273	-0,002	0,008	0,099	FALSE
0,053	0,277	0,001	0,010	0,030	FALSE
-0,105	0,287	-0,005	0,014	0,132	FALSE
0,082	0,270	0,001	0,008	0,027	FALSE
-0,022	0,288	0,001	0,007	0,040	FALSE
0,118	0,303	0,007	0,015	0,203	FALSE
0,115	0,284	0,007	0,014	0,210	FALSE
0,135	0,289	0,003	0,008	0,154	FALSE
-0,063	0,295	-0,001	0,008	0,067	FALSE
0,044	0,268	0,002	0,015	0,057	FALSE
-0,092	0,288	-0,002	0,007	0,096	FALSE

-0,085	0,299	-0,002	0,008	0,077	FALSE
0,040	0,293	0,001	0,008	0,066	FALSE
0,059	0,275	0,004	0,008	0,189	FALSE
0,242	0,271	0,009	0,015	0,257	FALSE
-0,159	0,266	-0,003	0,008	0,138	FALSE
-0,053	0,277	-0,001	0,008	0,030	FALSE
-0,027	0,292	0,000	0,009	0,006	FALSE
-0,062	0,298	-0,001	0,009	0,035	FALSE
-0,103	0,294	-0,006	0,014	0,155	FALSE
-0,170	0,287	-0,010	0,015	0,297	FALSE
-0,019	0,293	-0,001	0,010	0,026	FALSE
-0,105	0,287	-0,008	0,015	0,214	FALSE
-0,037	0,292	-0,002	0,009	0,066	FALSE
0,004	0,277	0,003	0,014	0,082	FALSE
-0,035	0,288	-0,001	0,011	0,043	FALSE
-0,045	0,286	0,000	0,014	0,012	FALSE
-0,025	0,289	0,002	0,014	0,043	FALSE
-0,015	0,290	0,002	0,015	0,042	FALSE
-0,070	0,281	-0,001	0,009	0,050	FALSE
0,021	0,298	-0,001	0,008	0,029	FALSE
0,107	0,284	0,003	0,009	0,119	FALSE
0,013	0,285	0,002	0,014	0,046	FALSE
-0,065	0,286	-0,002	0,012	0,077	FALSE
0,024	0,289	0,001	0,009	0,030	FALSE
0,034	0,290	0,001	0,011	0,021	FALSE
-0,069	0,292	-0,006	0,014	0,160	FALSE
0,014	0,281	0,002	0,014	0,057	FALSE
0,108	0,269	0,000	0,009	0,019	FALSE
0,025	0,284	0,002	0,009	0,106	FALSE
0,079	0,282	0,000	0,009	0,020	FALSE
-0,135	0,295	-0,005	0,012	0,185	FALSE
-0,153	0,288	-0,005	0,011	0,185	FALSE
-0,127	0,284	-0,004	0,009	0,161	FALSE
0,070	0,287	0,002	0,015	0,057	FALSE
-0,087	0,272	-0,001	0,009	0,054	FALSE
-0,030	0,284	-0,004	0,015	0,093	FALSE
-0,071	0,303	-0,001	0,013	0,015	FALSE
-0,196	0,296	-0,004	0,010	0,190	FALSE
0,036	0,290	0,001	0,008	0,044	FALSE
0,132	0,284	0,004	0,014	0,102	FALSE
0,083	0,282	0,001	0,009	0,056	FALSE
-0,011	0,293	-0,002	0,014	0,059	FALSE
0,073	0,294	0,003	0,008	0,117	FALSE
-0,091	0,292	-0,002	0,011	0,075	FALSE
0,068	0,290	0,001	0,010	0,030	FALSE
0,038	0,274	0,002	0,009	0,104	FALSE
-0,040	0,286	0,001	0,012	0,022	FALSE
-0,031	0,276	-0,001	0,009	0,059	FALSE
-0,038	0,284	0,000	0,013	0,005	FALSE
-0,032	0,280	0,000	0,012	0,006	FALSE
-0,094	0,289	-0,002	0,010	0,073	FALSE
0,018	0,291	0,000	0,012	0,004	FALSE
-0,111	0,298	-0,003	0,008	0,138	FALSE

0,076	0,295	0,003	0,008	0,162	FALSE
0,143	0,293	0,005	0,008	0,278	FALSE
0,078	0,280	-0,001	0,015	0,019	FALSE
0,033	0,266	0,001	0,011	0,022	FALSE
0,054	0,284	0,005	0,011	0,196	FALSE
0,033	0,295	0,002	0,013	0,052	FALSE
0,256	0,274	0,010	0,014	0,334	FALSE
0,089	0,295	0,003	0,008	0,161	FALSE
-0,037	0,290	0,000	0,008	0,004	FALSE
0,023	0,288	0,000	0,008	0,019	FALSE
0,053	0,293	0,002	0,014	0,063	FALSE
0,121	0,277	0,004	0,010	0,151	FALSE
0,029	0,282	0,001	0,008	0,030	FALSE
0,056	0,294	0,002	0,013	0,050	FALSE
-0,033	0,287	-0,002	0,011	0,054	FALSE
-0,208	0,284	-0,004	0,007	0,252	FALSE
-0,029	0,276	-0,002	0,010	0,096	FALSE
-0,142	0,284	-0,005	0,011	0,188	FALSE
-0,002	0,274	-0,001	0,013	0,039	FALSE
-0,061	0,282	-0,002	0,010	0,068	FALSE
0,076	0,292	0,002	0,011	0,082	FALSE
0,093	0,300	0,006	0,015	0,161	FALSE
0,065	0,298	0,002	0,008	0,105	FALSE
0,018	0,306	-0,001	0,013	0,027	FALSE
0,097	0,285	0,001	0,009	0,058	FALSE
-0,058	0,289	0,000	0,014	0,000	FALSE
-0,122	0,276	-0,003	0,010	0,098	FALSE
-0,059	0,276	-0,002	0,012	0,060	FALSE
-0,113	0,281	-0,003	0,008	0,132	FALSE
0,077	0,287	0,001	0,007	0,063	FALSE
0,055	0,293	0,002	0,009	0,084	FALSE
0,038	0,293	-0,002	0,015	0,037	FALSE
0,084	0,284	0,005	0,013	0,144	FALSE
0,069	0,288	0,003	0,011	0,091	FALSE
-0,117	0,276	-0,004	0,014	0,116	FALSE
0,088	0,277	0,002	0,015	0,053	FALSE
0,045	0,302	0,002	0,010	0,089	FALSE
0,068	0,288	0,002	0,012	0,066	FALSE
0,074	0,292	0,003	0,012	0,093	FALSE
0,146	0,293	0,006	0,015	0,168	FALSE
0,104	0,279	0,004	0,015	0,119	FALSE
0,088	0,294	0,003	0,013	0,079	FALSE
-0,007	0,284	-0,002	0,009	0,072	FALSE
-0,048	0,285	-0,002	0,009	0,092	FALSE
-0,039	0,281	0,000	0,013	0,003	FALSE
-0,116	0,304	-0,005	0,010	0,221	FALSE
-0,040	0,283	-0,001	0,012	0,044	FALSE
0,060	0,281	0,001	0,011	0,047	FALSE
-0,025	0,282	-0,001	0,014	0,025	FALSE
0,054	0,297	0,003	0,014	0,064	FALSE
0,144	0,276	0,004	0,009	0,195	FALSE
0,158	0,276	0,004	0,007	0,263	FALSE
0,186	0,277	0,002	0,011	0,089	FALSE

0,213	0,275	0,009	0,014	0,274	FALSE
0,049	0,297	0,002	0,011	0,054	FALSE
0,030	0,266	-0,001	0,013	0,014	FALSE
-0,108	0,275	-0,001	0,012	0,038	FALSE
0,099	0,282	0,002	0,008	0,074	FALSE
-0,065	0,272	0,000	0,010	0,005	FALSE
0,071	0,293	0,003	0,012	0,107	FALSE
-0,009	0,281	-0,002	0,008	0,087	FALSE
-0,092	0,266	0,001	0,014	0,025	FALSE
-0,089	0,281	-0,003	0,007	0,148	FALSE
-0,004	0,285	0,001	0,008	0,066	FALSE
-0,029	0,294	-0,002	0,012	0,081	FALSE
-0,037	0,289	-0,004	0,012	0,120	FALSE
0,124	0,267	0,004	0,014	0,110	FALSE
-0,147	0,277	-0,004	0,015	0,096	FALSE
0,009	0,288	0,001	0,010	0,019	FALSE
0,050	0,263	0,000	0,014	0,006	FALSE
0,063	0,285	0,002	0,010	0,076	FALSE
-0,030	0,290	-0,003	0,014	0,088	FALSE
-0,079	0,279	-0,006	0,012	0,227	FALSE
-0,068	0,284	-0,005	0,012	0,191	FALSE
-0,088	0,292	-0,004	0,015	0,114	FALSE
-0,140	0,272	-0,003	0,009	0,153	FALSE
-0,028	0,297	-0,001	0,008	0,062	FALSE
-0,054	0,296	-0,003	0,015	0,067	FALSE
-0,069	0,299	-0,003	0,011	0,094	FALSE
0,173	0,287	0,004	0,011	0,171	FALSE
0,166	0,279	0,005	0,010	0,187	FALSE
0,046	0,287	0,001	0,014	0,036	FALSE
-0,054	0,280	-0,001	0,008	0,053	FALSE
-0,022	0,283	-0,003	0,014	0,067	FALSE
-0,015	0,283	-0,002	0,012	0,048	FALSE
-0,031	0,283	0,000	0,010	0,015	FALSE
0,101	0,271	0,003	0,007	0,148	FALSE
0,071	0,290	0,003	0,015	0,077	FALSE
-0,079	0,292	-0,003	0,015	0,084	FALSE
-0,091	0,277	-0,004	0,014	0,104	FALSE
-0,126	0,290	-0,002	0,008	0,115	FALSE
-0,060	0,287	-0,001	0,012	0,034	FALSE
0,040	0,305	0,004	0,014	0,097	FALSE
-0,209	0,288	-0,006	0,013	0,196	FALSE
0,004	0,270	0,002	0,014	0,059	FALSE
-0,181	0,267	-0,004	0,010	0,181	FALSE
0,259	0,277	0,005	0,008	0,267	FALSE
0,006	0,293	0,000	0,015	0,000	FALSE
0,280	0,261	0,005	0,007	0,325	FALSE
-0,149	0,294	-0,003	0,010	0,118	FALSE
-0,073	0,281	-0,003	0,008	0,174	FALSE
0,011	0,292	0,001	0,013	0,038	FALSE
0,128	0,276	0,001	0,011	0,032	FALSE
0,153	0,272	0,003	0,010	0,134	FALSE
-0,145	0,269	-0,003	0,011	0,114	FALSE
-0,034	0,282	-0,002	0,008	0,109	FALSE

-0,114	0,277	-0,002	0,010	0,088	FALSE
0,117	0,290	0,003	0,012	0,108	FALSE
0,080	0,303	0,003	0,008	0,128	FALSE
0,122	0,283	0,003	0,010	0,130	FALSE
0,143	0,296	0,004	0,010	0,161	FALSE
-0,204	0,265	-0,009	0,014	0,261	FALSE
-0,186	0,282	-0,006	0,012	0,229	FALSE
0,010	0,278	0,003	0,011	0,116	FALSE
0,114	0,290	0,007	0,013	0,210	FALSE
0,014	0,287	0,001	0,013	0,014	FALSE
0,110	0,290	0,005	0,010	0,188	FALSE
-0,107	0,280	-0,002	0,009	0,085	FALSE
0,015	0,296	-0,001	0,008	0,029	FALSE
0,074	0,278	0,001	0,009	0,035	FALSE
0,000	0,288	-0,001	0,012	0,028	FALSE
-0,010	0,271	-0,003	0,010	0,121	FALSE
-0,041	0,279	-0,001	0,009	0,025	FALSE
0,157	0,273	0,007	0,014	0,220	FALSE
0,059	0,288	0,003	0,009	0,106	FALSE
-0,083	0,283	-0,002	0,008	0,076	FALSE
-0,068	0,278	-0,001	0,008	0,057	FALSE
-0,049	0,282	0,000	0,008	0,017	FALSE
0,150	0,277	0,003	0,011	0,095	FALSE
-0,012	0,298	0,001	0,012	0,019	FALSE
-0,138	0,292	-0,003	0,008	0,141	FALSE
0,055	0,282	0,001	0,009	0,054	FALSE
-0,006	0,300	0,001	0,015	0,013	FALSE
0,020	0,294	0,001	0,008	0,059	FALSE
-0,114	0,285	-0,001	0,010	0,043	FALSE
-0,010	0,309	0,001	0,015	0,020	FALSE
-0,024	0,297	0,000	0,014	0,007	FALSE
-0,129	0,288	-0,004	0,011	0,153	FALSE
-0,106	0,293	-0,006	0,015	0,169	FALSE
0,029	0,291	-0,003	0,015	0,067	FALSE
0,090	0,291	0,000	0,015	0,000	FALSE
-0,061	0,287	-0,001	0,014	0,018	FALSE
-0,005	0,284	0,000	0,009	0,000	FALSE
-0,138	0,293	-0,006	0,014	0,155	FALSE
-0,160	0,287	-0,008	0,014	0,247	FALSE
-0,013	0,276	-0,001	0,014	0,027	FALSE
-0,256	0,272	-0,008	0,009	0,437	FALSE
-0,260	0,276	-0,007	0,008	0,416	FALSE
0,073	0,290	0,002	0,014	0,057	FALSE
-0,222	0,277	-0,007	0,010	0,310	FALSE
0,024	0,292	0,001	0,014	0,013	FALSE
0,041	0,294	0,001	0,014	0,024	FALSE
0,242	0,274	0,012	0,013	0,452	FALSE
0,129	0,281	0,003	0,009	0,154	FALSE
-0,058	0,267	-0,001	0,014	0,036	FALSE
0,006	0,286	0,002	0,010	0,057	FALSE
-0,133	0,264	-0,006	0,013	0,191	FALSE
-0,146	0,296	-0,005	0,012	0,184	FALSE
-0,116	0,275	-0,006	0,014	0,192	FALSE

0,073	0,295	0,005	0,015	0,120	FALSE
0,016	0,300	0,001	0,010	0,038	FALSE
0,075	0,288	0,001	0,008	0,061	FALSE
0,035	0,304	0,000	0,008	0,014	FALSE
0,007	0,290	0,001	0,013	0,031	FALSE
0,025	0,284	0,001	0,009	0,031	FALSE
-0,071	0,293	-0,002	0,010	0,061	FALSE
0,050	0,300	0,003	0,013	0,094	FALSE
0,049	0,297	0,003	0,012	0,084	FALSE
0,143	0,270	0,002	0,014	0,056	FALSE
-0,061	0,301	-0,001	0,009	0,037	FALSE
-0,114	0,284	-0,004	0,010	0,137	FALSE
-0,125	0,289	-0,005	0,012	0,159	FALSE
0,115	0,292	0,004	0,008	0,192	FALSE
-0,029	0,277	0,001	0,013	0,036	FALSE
-0,059	0,278	-0,001	0,010	0,046	FALSE
0,107	0,280	0,004	0,008	0,178	FALSE
0,029	0,293	0,002	0,013	0,053	FALSE
0,005	0,310	-0,001	0,016	0,027	FALSE
0,083	0,296	0,002	0,009	0,083	FALSE
-0,299	0,270	-0,009	0,011	0,409	FALSE
-0,026	0,285	-0,003	0,012	0,098	FALSE
-0,057	0,289	-0,006	0,013	0,204	FALSE
-0,048	0,281	-0,006	0,013	0,196	FALSE
-0,003	0,294	0,001	0,008	0,025	FALSE
0,102	0,264	0,002	0,013	0,055	FALSE
-0,053	0,277	-0,003	0,012	0,085	FALSE
-0,206	0,268	-0,008	0,013	0,244	FALSE
-0,190	0,273	-0,005	0,011	0,178	FALSE
-0,036	0,279	0,001	0,008	0,056	FALSE
-0,113	0,278	-0,002	0,010	0,090	FALSE
-0,049	0,285	-0,001	0,015	0,020	FALSE
0,133	0,289	0,003	0,007	0,157	FALSE
-0,199	0,272	-0,006	0,013	0,205	FALSE
-0,055	0,278	-0,001	0,014	0,018	FALSE
0,049	0,287	0,003	0,009	0,135	FALSE
-0,087	0,305	-0,004	0,010	0,154	FALSE
-0,121	0,282	-0,006	0,013	0,196	FALSE
-0,063	0,270	-0,002	0,008	0,098	FALSE
-0,002	0,293	-0,001	0,012	0,024	FALSE
-0,040	0,306	-0,001	0,009	0,047	FALSE
0,109	0,299	0,004	0,010	0,166	FALSE
-0,052	0,296	0,000	0,009	0,011	FALSE
-0,066	0,284	-0,001	0,009	0,039	FALSE
-0,186	0,282	-0,008	0,015	0,233	FALSE
0,145	0,285	0,007	0,015	0,193	FALSE
-0,125	0,283	-0,004	0,008	0,190	FALSE
-0,069	0,305	-0,001	0,012	0,029	FALSE
-0,027	0,285	0,000	0,008	0,018	FALSE
-0,116	0,284	-0,004	0,012	0,137	FALSE
0,037	0,270	0,001	0,012	0,022	FALSE
-0,024	0,290	-0,001	0,009	0,055	FALSE
-0,033	0,282	-0,002	0,010	0,076	FALSE

0,057	0,280	-0,001	0,011	0,026	FALSE
0,090	0,290	0,005	0,015	0,117	FALSE
0,029	0,290	-0,001	0,010	0,025	FALSE
-0,003	0,284	-0,002	0,012	0,058	FALSE
-0,143	0,294	-0,005	0,009	0,228	FALSE
-0,026	0,289	0,000	0,009	0,001	FALSE
-0,076	0,290	-0,004	0,012	0,126	FALSE
-0,138	0,277	-0,003	0,009	0,142	FALSE
-0,142	0,284	-0,008	0,013	0,250	FALSE
-0,101	0,289	-0,001	0,007	0,034	FALSE
0,005	0,294	0,000	0,014	0,008	FALSE
0,036	0,294	0,002	0,011	0,053	FALSE
0,080	0,303	0,002	0,009	0,092	FALSE
-0,003	0,284	0,001	0,011	0,026	FALSE
0,070	0,278	0,001	0,011	0,048	FALSE
0,014	0,285	0,000	0,011	0,010	FALSE
-0,078	0,280	-0,002	0,008	0,087	FALSE
0,037	0,276	0,000	0,008	0,013	FALSE
0,005	0,293	0,000	0,010	0,001	FALSE
-0,082	0,312	-0,003	0,013	0,100	FALSE
0,281	0,270	0,009	0,009	0,447	FALSE
-0,041	0,274	0,001	0,012	0,030	FALSE
-0,015	0,276	-0,003	0,011	0,100	FALSE
0,055	0,286	0,000	0,014	0,002	FALSE
-0,014	0,300	0,000	0,014	0,006	FALSE
0,039	0,285	0,001	0,011	0,018	FALSE
0,024	0,282	0,000	0,013	0,003	FALSE
-0,122	0,276	-0,004	0,008	0,187	FALSE
-0,006	0,277	-0,001	0,012	0,030	FALSE
-0,036	0,275	0,000	0,011	0,014	FALSE
-0,097	0,285	-0,003	0,010	0,121	FALSE
0,087	0,290	0,002	0,013	0,054	FALSE
-0,134	0,295	-0,003	0,008	0,159	FALSE
-0,161	0,292	-0,004	0,008	0,204	FALSE
0,034	0,279	0,003	0,014	0,073	FALSE
-0,047	0,274	-0,004	0,014	0,122	FALSE
0,109	0,277	0,003	0,009	0,161	FALSE
0,018	0,282	-0,001	0,013	0,026	FALSE
-0,015	0,287	0,001	0,009	0,029	FALSE
-0,103	0,289	-0,006	0,012	0,208	FALSE
-0,135	0,282	-0,005	0,010	0,198	FALSE
0,110	0,285	0,004	0,009	0,171	FALSE
-0,108	0,283	-0,004	0,010	0,158	FALSE
-0,092	0,290	-0,002	0,014	0,057	FALSE
0,036	0,278	-0,001	0,008	0,038	FALSE
-0,067	0,279	-0,001	0,008	0,043	FALSE
0,103	0,297	0,005	0,014	0,141	FALSE
-0,052	0,285	-0,001	0,014	0,023	FALSE
0,035	0,296	0,002	0,007	0,104	FALSE
-0,106	0,273	-0,003	0,011	0,095	FALSE
0,026	0,283	-0,001	0,008	0,028	FALSE
-0,073	0,290	-0,005	0,013	0,134	FALSE
-0,064	0,299	-0,001	0,008	0,068	FALSE

-0,003	0,293	0,001	0,008	0,052	FALSE
-0,008	0,293	0,000	0,013	0,004	FALSE
0,071	0,286	0,004	0,009	0,169	FALSE
-0,043	0,280	-0,001	0,015	0,028	FALSE
0,080	0,297	0,003	0,008	0,172	FALSE
-0,012	0,262	-0,003	0,015	0,090	FALSE
0,042	0,285	0,001	0,014	0,029	FALSE
-0,040	0,281	0,001	0,008	0,061	FALSE
-0,082	0,282	-0,001	0,011	0,038	FALSE
-0,050	0,287	-0,001	0,010	0,052	FALSE
-0,057	0,271	-0,006	0,015	0,156	FALSE
-0,198	0,280	-0,006	0,009	0,284	FALSE
-0,222	0,269	-0,009	0,013	0,302	FALSE
0,003	0,285	0,000	0,010	0,013	FALSE
-0,106	0,282	-0,003	0,010	0,094	FALSE
-0,085	0,279	-0,003	0,008	0,139	FALSE
-0,121	0,287	-0,002	0,009	0,098	FALSE
0,002	0,281	-0,001	0,013	0,040	FALSE
-0,027	0,283	-0,002	0,010	0,078	FALSE
0,087	0,280	0,004	0,011	0,134	FALSE
0,001	0,284	0,001	0,009	0,039	FALSE
0,133	0,277	0,008	0,014	0,248	FALSE
0,110	0,280	0,003	0,009	0,136	FALSE
0,019	0,289	0,001	0,014	0,035	FALSE
-0,009	0,275	0,000	0,009	0,005	FALSE
0,103	0,275	0,004	0,009	0,184	FALSE
-0,107	0,284	-0,003	0,010	0,109	FALSE
0,064	0,275	0,001	0,008	0,040	FALSE
0,065	0,279	0,001	0,008	0,028	FALSE
0,058	0,265	0,000	0,008	0,017	FALSE
0,039	0,270	-0,001	0,010	0,046	FALSE
-0,219	0,272	-0,007	0,010	0,326	FALSE
-0,196	0,277	-0,007	0,010	0,321	FALSE
-0,156	0,279	-0,007	0,015	0,214	FALSE
0,040	0,292	0,000	0,009	0,006	FALSE
-0,133	0,297	-0,003	0,007	0,163	FALSE
0,165	0,281	0,004	0,011	0,163	FALSE
0,043	0,291	0,001	0,008	0,026	FALSE
-0,086	0,295	-0,004	0,013	0,111	FALSE
-0,034	0,285	-0,003	0,014	0,090	FALSE
0,252	0,281	0,009	0,012	0,372	FALSE
0,058	0,274	0,002	0,007	0,118	FALSE
-0,020	0,296	0,000	0,014	0,002	FALSE
0,151	0,286	0,007	0,011	0,257	FALSE
0,109	0,295	0,006	0,012	0,202	FALSE
-0,143	0,279	-0,005	0,009	0,247	FALSE
-0,022	0,287	-0,002	0,012	0,069	FALSE
0,293	0,262	0,013	0,015	0,412	FALSE
-0,062	0,287	-0,002	0,015	0,061	FALSE
0,052	0,299	0,000	0,010	0,007	FALSE
0,011	0,276	-0,001	0,008	0,045	FALSE
-0,124	0,286	-0,002	0,007	0,091	FALSE
0,285	0,288	0,008	0,008	0,457	FALSE

0,028	0,302	0,000	0,009	0,011	FALSE
0,074	0,285	0,002	0,009	0,069	FALSE
0,010	0,271	0,002	0,014	0,050	FALSE
-0,098	0,290	-0,002	0,010	0,064	FALSE
0,033	0,285	0,002	0,010	0,068	FALSE
-0,065	0,279	-0,004	0,014	0,107	FALSE
0,043	0,294	0,002	0,011	0,080	FALSE
-0,009	0,295	0,001	0,009	0,054	FALSE
0,079	0,287	0,003	0,013	0,090	FALSE
-0,081	0,286	-0,003	0,013	0,089	FALSE
0,168	0,285	0,005	0,011	0,178	FALSE
0,170	0,284	0,006	0,012	0,202	FALSE
0,037	0,276	0,003	0,014	0,073	FALSE
-0,033	0,292	-0,002	0,015	0,061	FALSE
0,011	0,279	-0,002	0,012	0,053	FALSE
0,000	0,291	0,000	0,009	0,002	FALSE
-0,049	0,282	-0,002	0,014	0,049	FALSE
0,128	0,281	0,003	0,010	0,119	FALSE
0,056	0,275	-0,001	0,014	0,024	FALSE
-0,006	0,288	0,001	0,015	0,016	FALSE
-0,055	0,303	-0,002	0,008	0,075	FALSE
0,037	0,285	0,000	0,007	0,013	FALSE
0,133	0,281	0,007	0,014	0,197	FALSE
-0,055	0,284	-0,002	0,015	0,055	FALSE
0,022	0,297	0,000	0,010	0,007	FALSE
-0,014	0,263	-0,001	0,014	0,020	FALSE
0,038	0,285	0,002	0,010	0,068	FALSE
-0,127	0,284	-0,004	0,014	0,102	FALSE
-0,019	0,284	-0,002	0,007	0,083	FALSE
-0,079	0,282	0,000	0,008	0,011	FALSE
-0,077	0,292	0,000	0,009	0,016	FALSE
-0,004	0,288	-0,001	0,012	0,035	FALSE
0,136	0,290	0,005	0,010	0,199	FALSE
-0,019	0,279	0,000	0,012	0,013	FALSE
0,042	0,297	0,001	0,009	0,055	FALSE
-0,062	0,284	-0,001	0,008	0,071	FALSE
-0,164	0,269	-0,006	0,009	0,316	FALSE
-0,185	0,252	-0,007	0,010	0,284	FALSE
0,030	0,291	0,003	0,012	0,087	FALSE
0,105	0,288	0,003	0,008	0,131	FALSE
-0,043	0,280	-0,002	0,010	0,062	FALSE
0,109	0,289	0,005	0,010	0,198	FALSE
0,156	0,296	0,007	0,013	0,219	FALSE
0,068	0,292	0,001	0,009	0,032	FALSE
0,061	0,291	0,003	0,010	0,093	FALSE
0,147	0,298	0,004	0,009	0,174	FALSE
-0,053	0,289	-0,004	0,013	0,123	FALSE
-0,005	0,292	0,000	0,011	0,016	FALSE
-0,045	0,298	-0,002	0,012	0,053	FALSE
-0,113	0,283	-0,005	0,009	0,217	FALSE
-0,026	0,288	0,002	0,014	0,056	FALSE
0,065	0,282	0,007	0,014	0,202	FALSE
0,005	0,286	-0,001	0,015	0,035	FALSE

0,071	0,290	0,002	0,007	0,101	FALSE
0,015	0,304	0,000	0,015	0,009	FALSE
-0,030	0,279	-0,001	0,015	0,019	FALSE
0,058	0,288	0,003	0,013	0,087	FALSE
0,047	0,283	0,001	0,009	0,023	FALSE
-0,021	0,300	-0,001	0,013	0,041	FALSE
-0,063	0,284	-0,003	0,011	0,103	FALSE
-0,038	0,293	-0,001	0,008	0,034	FALSE
-0,066	0,276	-0,003	0,010	0,105	FALSE
0,008	0,290	0,001	0,007	0,038	FALSE
-0,055	0,277	-0,003	0,012	0,095	FALSE
0,010	0,287	-0,001	0,012	0,036	FALSE
0,078	0,281	0,003	0,015	0,074	FALSE
-0,098	0,286	-0,001	0,008	0,070	FALSE
-0,133	0,288	-0,005	0,011	0,198	FALSE
0,016	0,286	0,001	0,016	0,012	FALSE
0,001	0,285	0,000	0,014	0,006	FALSE
-0,101	0,297	-0,004	0,014	0,099	FALSE
-0,009	0,291	0,001	0,010	0,018	FALSE
0,041	0,290	0,000	0,007	0,006	FALSE
0,160	0,287	0,004	0,011	0,160	FALSE
0,009	0,289	-0,001	0,015	0,032	FALSE
0,012	0,282	0,001	0,012	0,016	FALSE
-0,036	0,288	-0,001	0,009	0,046	FALSE
-0,010	0,287	-0,001	0,015	0,024	FALSE
-0,169	0,282	-0,004	0,008	0,205	FALSE
0,196	0,290	0,008	0,014	0,265	FALSE
0,054	0,283	0,002	0,011	0,071	FALSE
0,155	0,284	0,004	0,009	0,189	FALSE
0,157	0,288	0,008	0,014	0,241	FALSE
0,140	0,293	0,005	0,011	0,169	FALSE
-0,087	0,290	-0,005	0,015	0,120	FALSE
-0,156	0,288	-0,006	0,015	0,171	FALSE
0,023	0,303	0,002	0,014	0,051	FALSE
0,017	0,284	0,002	0,014	0,038	FALSE
-0,274	0,270	-0,010	0,012	0,374	TRUE
0,119	0,283	0,002	0,007	0,116	FALSE
-0,088	0,286	-0,001	0,010	0,049	FALSE
-0,009	0,277	-0,002	0,009	0,096	FALSE
-0,066	0,276	-0,002	0,012	0,067	FALSE
-0,108	0,288	-0,002	0,008	0,108	FALSE
0,142	0,289	0,004	0,011	0,134	FALSE
-0,122	0,285	-0,004	0,010	0,177	FALSE
0,101	0,279	0,002	0,008	0,120	FALSE
0,204	0,299	0,010	0,014	0,336	FALSE
-0,128	0,268	-0,004	0,008	0,199	FALSE
-0,112	0,291	-0,004	0,009	0,162	FALSE
0,043	0,279	0,001	0,009	0,027	FALSE
-0,023	0,288	-0,002	0,014	0,057	FALSE
0,114	0,281	0,004	0,014	0,098	FALSE
0,000	0,277	0,001	0,014	0,018	FALSE
0,073	0,287	0,000	0,008	0,017	FALSE
-0,011	0,292	-0,003	0,013	0,076	FALSE

0,137	0,274	0,002	0,007	0,115	FALSE
0,148	0,285	0,003	0,009	0,125	FALSE
-0,006	0,289	-0,001	0,011	0,046	FALSE
-0,127	0,273	-0,006	0,009	0,291	FALSE
0,068	0,285	0,002	0,012	0,048	FALSE
0,109	0,286	0,003	0,011	0,091	FALSE
-0,006	0,281	-0,002	0,010	0,055	FALSE
0,073	0,276	0,004	0,012	0,118	FALSE
0,140	0,283	0,006	0,012	0,192	FALSE
-0,092	0,289	-0,003	0,012	0,115	FALSE
0,030	0,296	0,000	0,015	0,001	FALSE
0,106	0,291	0,003	0,010	0,092	FALSE
-0,067	0,268	-0,004	0,013	0,134	FALSE
0,002	0,288	-0,002	0,014	0,041	FALSE
-0,100	0,297	-0,002	0,009	0,072	FALSE
-0,107	0,300	-0,003	0,009	0,128	FALSE
-0,073	0,291	-0,002	0,010	0,055	FALSE
-0,021	0,289	0,000	0,008	0,021	FALSE
-0,006	0,288	0,001	0,007	0,069	FALSE
0,084	0,284	0,001	0,008	0,036	FALSE
0,008	0,290	-0,001	0,011	0,039	FALSE
0,017	0,297	0,000	0,014	0,005	FALSE
0,109	0,267	0,001	0,009	0,026	FALSE
0,118	0,283	0,003	0,008	0,140	FALSE
-0,115	0,276	-0,005	0,011	0,175	FALSE
0,179	0,287	0,004	0,008	0,233	FALSE
-0,053	0,298	-0,002	0,014	0,053	FALSE
-0,128	0,281	-0,002	0,007	0,093	FALSE
0,080	0,291	0,003	0,014	0,085	FALSE
-0,006	0,289	0,001	0,009	0,041	FALSE
-0,059	0,287	-0,002	0,007	0,098	FALSE
0,031	0,286	0,003	0,014	0,065	FALSE
-0,136	0,282	-0,003	0,014	0,082	FALSE
0,031	0,278	-0,001	0,012	0,032	FALSE
-0,116	0,284	-0,002	0,007	0,139	FALSE
0,066	0,293	0,004	0,014	0,104	FALSE
-0,039	0,277	-0,001	0,007	0,040	FALSE
0,012	0,290	0,000	0,014	0,000	FALSE
0,050	0,284	0,002	0,007	0,118	FALSE
0,070	0,278	0,002	0,010	0,084	FALSE
-0,008	0,283	0,000	0,010	0,017	FALSE
0,054	0,314	0,001	0,008	0,049	FALSE
-0,028	0,292	-0,001	0,008	0,034	FALSE
-0,006	0,290	-0,001	0,010	0,019	FALSE
-0,106	0,289	-0,003	0,010	0,131	FALSE
-0,036	0,275	-0,001	0,007	0,070	FALSE
0,175	0,282	0,005	0,011	0,180	FALSE
-0,035	0,283	0,001	0,010	0,027	FALSE
0,116	0,283	0,002	0,010	0,070	FALSE
0,030	0,275	0,002	0,011	0,054	FALSE
-0,018	0,281	-0,001	0,011	0,038	FALSE
-0,145	0,279	-0,006	0,009	0,295	FALSE
0,240	0,269	0,011	0,013	0,387	FALSE

-0,156	0,271	-0,006	0,013	0,173	FALSE
-0,062	0,288	-0,002	0,010	0,061	FALSE
-0,181	0,271	-0,008	0,012	0,285	FALSE
-0,035	0,290	-0,001	0,013	0,041	FALSE
-0,008	0,285	0,000	0,009	0,003	FALSE
0,120	0,295	0,004	0,011	0,173	FALSE
0,022	0,290	0,000	0,009	0,012	FALSE
-0,052	0,289	-0,002	0,015	0,040	FALSE
-0,119	0,281	-0,001	0,013	0,032	FALSE
-0,138	0,290	-0,007	0,015	0,182	FALSE
-0,011	0,294	0,000	0,009	0,009	FALSE
0,189	0,283	0,004	0,009	0,206	FALSE
0,005	0,278	0,001	0,013	0,016	FALSE
-0,050	0,275	-0,003	0,009	0,141	FALSE
0,015	0,294	0,001	0,013	0,039	FALSE
0,084	0,292	0,004	0,010	0,142	FALSE
0,068	0,290	0,003	0,011	0,118	FALSE
-0,021	0,297	0,000	0,010	0,015	FALSE
0,139	0,288	0,004	0,013	0,124	FALSE
0,119	0,292	0,003	0,010	0,124	FALSE
0,006	0,298	0,000	0,014	0,008	FALSE
-0,153	0,292	-0,007	0,013	0,239	FALSE
0,182	0,284	0,007	0,015	0,193	FALSE
-0,041	0,286	-0,004	0,015	0,114	FALSE
0,139	0,297	0,003	0,012	0,104	FALSE
-0,014	0,297	-0,001	0,012	0,023	FALSE
0,033	0,288	0,002	0,007	0,088	FALSE
-0,021	0,280	-0,001	0,014	0,014	FALSE
-0,133	0,271	-0,005	0,010	0,213	FALSE
-0,170	0,276	-0,007	0,014	0,229	FALSE
0,071	0,284	0,002	0,012	0,056	FALSE
-0,063	0,305	-0,002	0,015	0,061	FALSE
0,072	0,305	0,003	0,012	0,098	FALSE
0,008	0,290	0,003	0,013	0,079	FALSE
0,053	0,283	0,006	0,015	0,156	FALSE
0,133	0,290	0,004	0,009	0,198	FALSE
0,056	0,278	0,004	0,014	0,115	FALSE
0,082	0,284	0,000	0,011	0,006	FALSE
-0,036	0,284	0,000	0,015	0,011	FALSE
0,007	0,290	0,000	0,009	0,015	FALSE
0,165	0,278	0,002	0,007	0,138	FALSE
0,187	0,295	0,007	0,012	0,232	FALSE
-0,195	0,274	-0,009	0,014	0,268	FALSE
0,101	0,291	0,000	0,010	0,011	FALSE
0,116	0,282	0,005	0,013	0,162	FALSE
-0,068	0,291	-0,002	0,008	0,071	FALSE
-0,105	0,275	-0,002	0,008	0,114	FALSE
-0,083	0,278	-0,001	0,008	0,072	FALSE
0,020	0,287	0,003	0,011	0,091	FALSE
0,028	0,277	-0,002	0,013	0,064	FALSE
0,071	0,292	0,005	0,015	0,119	FALSE
0,035	0,296	0,003	0,009	0,109	FALSE
0,076	0,296	0,001	0,009	0,058	FALSE

0,073	0,290	0,002	0,011	0,051	FALSE
-0,001	0,271	0,000	0,012	0,006	FALSE
-0,010	0,278	0,000	0,009	0,001	FALSE
-0,246	0,254	-0,011	0,012	0,430	FALSE
0,042	0,278	0,002	0,008	0,078	FALSE
-0,120	0,282	-0,004	0,011	0,155	FALSE
0,080	0,290	0,001	0,015	0,025	FALSE
-0,041	0,285	0,002	0,015	0,053	FALSE
-0,002	0,296	0,001	0,007	0,050	FALSE
0,056	0,291	0,003	0,012	0,107	FALSE
-0,021	0,297	0,000	0,012	0,002	FALSE
0,054	0,295	0,001	0,014	0,022	FALSE
-0,060	0,290	-0,002	0,008	0,110	FALSE
0,086	0,294	0,001	0,015	0,033	FALSE
-0,099	0,303	-0,004	0,016	0,094	FALSE
0,070	0,284	0,002	0,012	0,049	FALSE
0,132	0,287	0,003	0,009	0,140	FALSE
-0,161	0,277	-0,007	0,010	0,276	FALSE
-0,170	0,289	-0,005	0,014	0,136	FALSE
0,064	0,292	0,002	0,008	0,092	FALSE
-0,110	0,272	-0,003	0,008	0,147	FALSE
0,004	0,278	0,003	0,010	0,101	FALSE
0,155	0,281	0,005	0,011	0,201	FALSE
0,062	0,284	0,001	0,007	0,069	FALSE
-0,117	0,293	-0,005	0,015	0,131	FALSE
-0,008	0,287	-0,001	0,008	0,024	FALSE
-0,061	0,285	0,000	0,008	0,010	FALSE
0,029	0,288	0,001	0,008	0,065	FALSE
0,150	0,288	0,003	0,008	0,177	FALSE
-0,076	0,283	-0,002	0,010	0,069	FALSE
-0,003	0,290	-0,001	0,012	0,021	FALSE
-0,071	0,285	-0,001	0,009	0,054	FALSE
0,049	0,274	0,000	0,011	0,012	FALSE
0,066	0,254	0,003	0,013	0,074	FALSE
-0,015	0,276	0,002	0,014	0,049	FALSE
-0,009	0,283	-0,001	0,011	0,034	FALSE
0,085	0,275	0,002	0,010	0,082	FALSE
0,045	0,280	0,001	0,014	0,030	FALSE
-0,212	0,273	-0,009	0,014	0,308	FALSE
0,096	0,295	0,003	0,011	0,112	FALSE
-0,162	0,281	-0,003	0,008	0,136	FALSE
-0,152	0,269	-0,003	0,007	0,136	FALSE
-0,016	0,284	-0,001	0,013	0,023	FALSE
0,001	0,302	0,001	0,010	0,023	FALSE
-0,083	0,289	-0,004	0,014	0,106	FALSE
0,084	0,281	0,003	0,010	0,124	FALSE
-0,105	0,276	-0,005	0,014	0,147	FALSE
0,032	0,285	0,001	0,014	0,018	FALSE
-0,026	0,274	-0,001	0,011	0,020	FALSE
0,117	0,277	0,002	0,009	0,094	FALSE
0,128	0,279	0,006	0,012	0,198	FALSE
0,036	0,290	0,000	0,008	0,006	FALSE
-0,107	0,274	-0,002	0,014	0,056	FALSE

0,069	0,283	0,003	0,009	0,118	FALSE
-0,004	0,291	0,000	0,009	0,014	FALSE
0,295	0,268	0,014	0,015	0,452	FALSE
0,201	0,254	0,010	0,012	0,389	FALSE
0,200	0,276	0,009	0,013	0,326	FALSE
-0,021	0,292	0,000	0,012	0,013	FALSE
-0,031	0,299	-0,002	0,014	0,057	FALSE
0,021	0,284	0,000	0,012	0,005	FALSE
-0,026	0,301	-0,003	0,015	0,073	FALSE
0,007	0,276	-0,001	0,010	0,036	FALSE
-0,240	0,274	-0,006	0,007	0,355	FALSE
-0,030	0,293	-0,001	0,009	0,029	FALSE
-0,030	0,282	-0,002	0,013	0,046	FALSE
-0,043	0,274	-0,002	0,009	0,099	FALSE
-0,052	0,287	-0,003	0,012	0,098	FALSE
0,152	0,289	0,005	0,010	0,231	FALSE
-0,028	0,281	-0,002	0,010	0,053	FALSE
0,134	0,273	0,003	0,009	0,126	FALSE
0,109	0,266	0,003	0,014	0,095	FALSE
-0,149	0,278	-0,005	0,011	0,190	FALSE
0,000	0,303	0,000	0,012	0,012	FALSE
-0,203	0,272	-0,005	0,009	0,234	FALSE
0,076	0,292	0,003	0,009	0,114	FALSE
0,100	0,289	0,004	0,015	0,096	FALSE
0,180	0,282	0,008	0,014	0,260	FALSE
-0,233	0,265	-0,012	0,014	0,405	FALSE
-0,068	0,279	-0,004	0,011	0,133	FALSE
-0,128	0,286	-0,006	0,012	0,211	FALSE
0,162	0,266	0,002	0,008	0,091	FALSE
0,008	0,277	0,000	0,010	0,003	FALSE
0,207	0,285	0,005	0,008	0,281	FALSE
0,004	0,294	-0,001	0,013	0,015	FALSE
-0,057	0,295	-0,002	0,012	0,063	FALSE
-0,068	0,290	-0,002	0,015	0,040	FALSE
-0,164	0,271	-0,005	0,009	0,250	FALSE
-0,235	0,276	-0,009	0,013	0,334	FALSE
-0,157	0,281	-0,006	0,010	0,278	FALSE
-0,035	0,275	0,000	0,008	0,009	FALSE
-0,004	0,274	-0,002	0,008	0,101	FALSE
0,017	0,284	0,001	0,008	0,031	FALSE
0,073	0,293	0,001	0,014	0,037	FALSE
0,040	0,288	-0,001	0,008	0,035	FALSE
0,177	0,290	0,005	0,010	0,178	FALSE
0,011	0,287	0,002	0,014	0,053	FALSE
-0,018	0,290	-0,001	0,014	0,015	FALSE
0,051	0,282	0,001	0,007	0,036	FALSE
-0,099	0,303	-0,003	0,012	0,092	FALSE
-0,015	0,293	0,001	0,008	0,044	FALSE
-0,170	0,297	-0,004	0,008	0,215	FALSE
-0,160	0,280	-0,004	0,009	0,192	FALSE
0,026	0,280	0,000	0,014	0,001	FALSE
-0,190	0,289	-0,004	0,007	0,237	FALSE
0,056	0,283	0,002	0,012	0,054	FALSE

-0,017	0,303	-0,001	0,015	0,016	FALSE
0,047	0,296	0,001	0,008	0,052	FALSE
-0,052	0,293	-0,004	0,015	0,115	FALSE
0,001	0,286	0,002	0,012	0,066	FALSE
0,059	0,288	0,000	0,007	0,001	FALSE
-0,143	0,282	-0,004	0,008	0,214	FALSE
-0,046	0,284	-0,001	0,011	0,016	FALSE
-0,029	0,289	-0,002	0,010	0,094	FALSE
0,083	0,291	0,003	0,008	0,133	FALSE
0,109	0,292	0,001	0,008	0,048	FALSE
-0,068	0,288	-0,004	0,014	0,112	FALSE
0,022	0,283	0,000	0,015	0,008	FALSE
0,024	0,280	0,001	0,015	0,019	FALSE
-0,078	0,288	-0,002	0,014	0,056	FALSE
-0,047	0,285	-0,001	0,014	0,037	FALSE
0,046	0,285	0,001	0,013	0,032	FALSE
0,074	0,296	0,005	0,012	0,155	FALSE
-0,113	0,289	-0,003	0,014	0,092	FALSE
-0,133	0,285	-0,004	0,012	0,117	FALSE
-0,031	0,302	-0,001	0,008	0,026	FALSE
-0,180	0,286	-0,007	0,014	0,223	FALSE
-0,086	0,294	-0,003	0,011	0,096	FALSE
0,101	0,291	0,003	0,008	0,156	FALSE
0,036	0,278	0,000	0,011	0,004	FALSE
-0,063	0,283	-0,002	0,012	0,070	FALSE
-0,134	0,307	-0,004	0,011	0,151	FALSE
-0,066	0,292	-0,001	0,008	0,025	FALSE
-0,248	0,276	-0,012	0,014	0,425	FALSE
0,015	0,285	-0,001	0,013	0,035	FALSE
-0,124	0,292	-0,003	0,009	0,151	FALSE
0,006	0,289	0,000	0,008	0,005	FALSE
0,087	0,283	0,002	0,012	0,068	FALSE
0,010	0,290	0,000	0,013	0,003	FALSE
0,095	0,281	0,002	0,012	0,061	FALSE
0,029	0,292	0,000	0,009	0,011	FALSE
0,061	0,285	0,000	0,008	0,017	FALSE
-0,024	0,277	0,001	0,011	0,022	FALSE
-0,068	0,302	-0,003	0,012	0,087	FALSE
-0,023	0,294	0,000	0,010	0,013	FALSE
-0,030	0,286	-0,004	0,013	0,104	FALSE
0,089	0,279	0,006	0,012	0,184	FALSE
0,105	0,295	0,002	0,015	0,052	FALSE
0,064	0,288	0,005	0,011	0,164	FALSE
0,006	0,290	0,001	0,008	0,033	FALSE
0,091	0,293	0,003	0,008	0,135	FALSE
-0,005	0,290	0,000	0,009	0,003	FALSE
-0,134	0,282	-0,003	0,012	0,103	FALSE
-0,026	0,287	0,000	0,010	0,011	FALSE
0,017	0,302	0,001	0,008	0,052	FALSE
0,162	0,284	0,003	0,009	0,129	FALSE
0,053	0,289	0,001	0,008	0,072	FALSE
-0,046	0,291	-0,001	0,007	0,025	FALSE
-0,015	0,293	0,001	0,010	0,022	FALSE

0,095	0,269	0,002	0,008	0,075	FALSE
-0,029	0,278	0,001	0,010	0,020	FALSE
-0,010	0,286	0,000	0,011	0,013	FALSE
0,034	0,307	-0,001	0,015	0,035	FALSE
0,132	0,297	0,005	0,012	0,163	FALSE
-0,126	0,289	-0,004	0,013	0,119	FALSE
-0,020	0,286	0,000	0,008	0,001	FALSE
0,084	0,288	0,006	0,014	0,166	FALSE
-0,132	0,281	-0,005	0,013	0,147	FALSE
-0,022	0,277	-0,001	0,012	0,016	FALSE
-0,074	0,276	0,000	0,014	0,006	FALSE
-0,080	0,276	0,000	0,014	0,012	FALSE
-0,073	0,290	-0,004	0,010	0,139	FALSE
0,112	0,278	0,006	0,014	0,157	FALSE
0,029	0,285	0,002	0,015	0,051	FALSE
-0,033	0,294	0,000	0,009	0,015	FALSE
-0,062	0,287	-0,001	0,007	0,066	FALSE
0,022	0,283	0,001	0,008	0,026	FALSE
0,079	0,267	0,004	0,011	0,136	FALSE
-0,001	0,284	0,000	0,014	0,012	FALSE
0,028	0,283	0,002	0,013	0,055	FALSE
0,030	0,299	0,000	0,009	0,016	FALSE
-0,143	0,285	-0,003	0,007	0,187	FALSE
0,180	0,277	0,005	0,012	0,161	FALSE
-0,076	0,287	-0,001	0,007	0,037	FALSE
0,066	0,290	0,003	0,009	0,127	FALSE
0,181	0,295	0,008	0,012	0,285	FALSE
0,079	0,292	0,001	0,012	0,043	FALSE
-0,184	0,277	-0,007	0,010	0,320	FALSE
-0,139	0,284	-0,008	0,013	0,264	FALSE
-0,180	0,273	-0,004	0,009	0,193	FALSE
-0,044	0,286	0,000	0,011	0,013	FALSE
-0,029	0,280	-0,002	0,010	0,076	FALSE
-0,075	0,267	-0,002	0,013	0,059	FALSE
-0,014	0,300	0,000	0,014	0,011	FALSE
-0,135	0,282	-0,005	0,011	0,171	FALSE
-0,083	0,281	-0,002	0,008	0,102	FALSE
-0,025	0,293	-0,004	0,014	0,096	FALSE
-0,035	0,287	-0,003	0,013	0,089	FALSE
-0,210	0,292	-0,009	0,013	0,303	FALSE
-0,014	0,283	-0,002	0,011	0,053	FALSE
-0,234	0,286	-0,013	0,014	0,434	FALSE
0,063	0,279	0,002	0,007	0,082	FALSE
0,195	0,281	0,005	0,010	0,235	FALSE
-0,067	0,276	0,000	0,011	0,013	FALSE
0,094	0,284	0,001	0,008	0,068	FALSE
0,027	0,279	0,002	0,014	0,043	FALSE
0,076	0,291	0,004	0,014	0,109	FALSE
0,078	0,299	0,002	0,013	0,069	FALSE
-0,088	0,276	-0,004	0,012	0,122	FALSE
0,044	0,303	0,002	0,012	0,061	FALSE
-0,109	0,287	-0,004	0,014	0,122	FALSE
0,025	0,283	0,001	0,009	0,039	FALSE

0,029	0,286	0,000	0,009	0,002	FALSE
0,099	0,292	0,003	0,015	0,066	FALSE
-0,104	0,295	-0,004	0,009	0,188	FALSE
-0,063	0,295	-0,002	0,012	0,053	FALSE
-0,084	0,293	-0,002	0,012	0,076	FALSE
-0,203	0,285	-0,008	0,015	0,235	FALSE
-0,126	0,291	-0,004	0,012	0,128	FALSE
0,018	0,285	-0,001	0,015	0,019	FALSE
-0,016	0,296	-0,001	0,016	0,031	FALSE
-0,005	0,294	-0,002	0,016	0,039	FALSE
0,013	0,283	-0,001	0,008	0,025	FALSE
0,206	0,281	0,006	0,013	0,196	FALSE
0,127	0,291	0,004	0,008	0,177	FALSE
0,160	0,282	0,005	0,008	0,248	FALSE
0,136	0,275	0,003	0,008	0,123	FALSE
-0,047	0,293	0,000	0,009	0,016	FALSE
0,091	0,294	0,002	0,008	0,112	FALSE
-0,215	0,275	-0,007	0,013	0,237	FALSE
-0,040	0,286	-0,003	0,009	0,116	FALSE
0,095	0,293	0,003	0,010	0,096	FALSE
0,101	0,282	0,001	0,008	0,032	FALSE
-0,002	0,295	-0,001	0,015	0,018	FALSE
-0,048	0,281	0,000	0,008	0,005	FALSE
0,056	0,292	0,003	0,012	0,079	FALSE
0,001	0,291	0,001	0,008	0,069	FALSE
-0,024	0,288	0,001	0,008	0,027	FALSE
-0,005	0,286	0,001	0,008	0,041	FALSE
0,000	0,287	0,001	0,008	0,053	FALSE
-0,011	0,288	0,000	0,015	0,006	FALSE
-0,001	0,293	0,001	0,010	0,029	FALSE
-0,030	0,291	0,000	0,010	0,011	FALSE
-0,020	0,281	0,000	0,010	0,017	FALSE
-0,049	0,281	-0,001	0,009	0,046	FALSE
-0,010	0,290	0,000	0,010	0,016	FALSE
-0,081	0,274	-0,002	0,008	0,075	FALSE
-0,109	0,273	-0,004	0,009	0,185	FALSE
0,129	0,284	0,002	0,011	0,086	FALSE
-0,050	0,292	0,001	0,008	0,027	FALSE
0,077	0,276	0,000	0,008	0,015	FALSE
0,190	0,269	0,008	0,012	0,284	FALSE
0,140	0,285	0,007	0,009	0,315	FALSE
-0,138	0,276	-0,006	0,010	0,253	FALSE
-0,082	0,276	-0,005	0,013	0,169	FALSE
-0,054	0,291	-0,002	0,008	0,093	FALSE
-0,050	0,277	-0,006	0,013	0,180	FALSE
-0,045	0,269	-0,006	0,013	0,187	FALSE
-0,148	0,268	-0,008	0,012	0,294	FALSE
-0,006	0,276	-0,001	0,010	0,031	FALSE
0,022	0,284	0,000	0,007	0,015	FALSE
-0,031	0,274	-0,002	0,008	0,115	FALSE
0,086	0,296	0,002	0,013	0,060	FALSE
0,019	0,288	0,000	0,011	0,012	FALSE
-0,090	0,275	-0,002	0,009	0,101	FALSE

-0,011	0,277	0,000	0,008	0,010	FALSE
-0,054	0,294	-0,001	0,008	0,030	FALSE
0,121	0,287	0,006	0,012	0,208	FALSE
-0,096	0,284	0,000	0,008	0,021	FALSE
-0,071	0,290	-0,005	0,012	0,171	FALSE
0,029	0,303	-0,001	0,015	0,017	FALSE
0,185	0,278	0,008	0,012	0,286	FALSE
0,077	0,306	0,003	0,013	0,083	FALSE
0,008	0,282	-0,001	0,011	0,019	FALSE
0,033	0,290	0,002	0,015	0,049	FALSE
-0,106	0,285	-0,006	0,014	0,171	FALSE
-0,141	0,282	-0,006	0,011	0,233	FALSE
-0,147	0,299	-0,007	0,012	0,230	FALSE
-0,147	0,294	-0,005	0,011	0,187	FALSE
-0,144	0,277	-0,006	0,011	0,235	FALSE
-0,195	0,283	-0,010	0,013	0,377	FALSE
0,059	0,294	0,002	0,009	0,086	FALSE
-0,167	0,279	-0,009	0,012	0,314	FALSE
-0,222	0,275	-0,011	0,013	0,389	FALSE
-0,017	0,289	-0,001	0,009	0,051	FALSE
-0,084	0,273	-0,004	0,011	0,161	FALSE
-0,051	0,303	0,000	0,008	0,018	FALSE
0,035	0,273	0,003	0,014	0,072	FALSE
0,110	0,285	0,004	0,010	0,157	FALSE
0,100	0,276	0,005	0,014	0,158	FALSE
0,137	0,267	0,008	0,014	0,262	FALSE
-0,079	0,277	-0,003	0,010	0,111	FALSE
0,096	0,269	0,005	0,012	0,163	FALSE
-0,048	0,273	-0,002	0,011	0,070	FALSE
-0,061	0,289	-0,002	0,009	0,081	FALSE
-0,008	0,301	0,000	0,015	0,004	FALSE
-0,173	0,280	-0,005	0,007	0,277	FALSE
-0,009	0,300	0,000	0,008	0,021	FALSE
-0,139	0,291	-0,007	0,014	0,201	FALSE
0,027	0,287	0,001	0,008	0,046	FALSE
0,038	0,291	0,002	0,008	0,088	FALSE
0,167	0,285	0,005	0,015	0,127	FALSE
-0,136	0,282	-0,004	0,013	0,118	FALSE
-0,130	0,295	-0,004	0,013	0,125	FALSE
-0,176	0,273	-0,005	0,007	0,318	FALSE
0,097	0,293	0,004	0,013	0,120	FALSE
-0,064	0,285	-0,004	0,014	0,109	FALSE
0,104	0,292	0,004	0,012	0,141	FALSE
0,062	0,283	0,003	0,015	0,083	FALSE
-0,042	0,286	-0,003	0,015	0,085	FALSE
-0,052	0,287	-0,003	0,015	0,090	FALSE
0,108	0,297	0,004	0,012	0,133	FALSE
-0,016	0,286	-0,001	0,015	0,037	FALSE
0,099	0,283	0,004	0,015	0,102	FALSE
0,097	0,275	0,004	0,008	0,194	FALSE
-0,151	0,282	-0,004	0,009	0,176	FALSE
0,133	0,297	0,001	0,008	0,047	FALSE
0,043	0,292	0,002	0,010	0,088	FALSE

0,218	0,266	0,008	0,013	0,277	FALSE
0,230	0,277	0,008	0,013	0,280	FALSE
0,204	0,289	0,007	0,014	0,215	FALSE
0,184	0,276	0,006	0,013	0,200	FALSE
-0,207	0,279	-0,009	0,014	0,307	FALSE
0,222	0,269	0,008	0,013	0,275	FALSE
-0,307	0,256	-0,014	0,013	0,567	FALSE
0,094	0,276	0,003	0,009	0,104	FALSE
0,235	0,261	0,014	0,014	0,461	FALSE
-0,271	0,269	-0,007	0,008	0,409	FALSE
-0,151	0,277	-0,008	0,014	0,231	FALSE
0,129	0,280	0,008	0,013	0,248	FALSE
0,085	0,277	0,006	0,012	0,214	FALSE
0,122	0,282	0,003	0,011	0,109	FALSE
0,021	0,285	0,001	0,007	0,046	FALSE
-0,173	0,276	-0,006	0,014	0,190	FALSE
-0,067	0,287	-0,003	0,012	0,086	FALSE
0,077	0,281	0,003	0,012	0,082	FALSE
0,075	0,274	0,002	0,012	0,076	FALSE
0,033	0,277	-0,001	0,014	0,015	FALSE
-0,060	0,279	-0,002	0,009	0,085	FALSE
-0,021	0,272	-0,002	0,014	0,050	FALSE
-0,188	0,278	-0,006	0,010	0,261	FALSE
0,169	0,280	0,007	0,014	0,213	FALSE
0,036	0,278	0,001	0,011	0,028	FALSE
0,038	0,280	0,001	0,011	0,029	FALSE
0,105	0,296	0,003	0,008	0,177	FALSE
0,165	0,270	0,007	0,013	0,241	FALSE
0,009	0,274	-0,002	0,011	0,072	FALSE
0,094	0,282	0,000	0,009	0,011	FALSE
-0,102	0,283	-0,001	0,008	0,040	FALSE
-0,075	0,287	0,000	0,008	0,013	FALSE
-0,001	0,275	-0,003	0,011	0,094	FALSE
-0,079	0,290	0,000	0,008	0,015	FALSE
0,014	0,290	0,000	0,014	0,009	FALSE
0,020	0,277	0,000	0,014	0,004	FALSE
0,234	0,266	0,003	0,007	0,193	FALSE
-0,030	0,288	0,000	0,008	0,001	FALSE
-0,200	0,289	-0,007	0,015	0,203	FALSE
0,218	0,277	0,005	0,012	0,188	FALSE
0,043	0,301	0,001	0,008	0,060	FALSE
-0,071	0,299	-0,001	0,014	0,018	FALSE
0,040	0,296	0,002	0,008	0,103	FALSE
-0,050	0,284	0,001	0,015	0,018	FALSE
0,135	0,277	0,005	0,013	0,161	FALSE
-0,087	0,276	0,000	0,007	0,024	FALSE
-0,078	0,297	-0,002	0,015	0,046	FALSE
0,153	0,282	0,006	0,011	0,233	FALSE
0,123	0,281	0,005	0,010	0,191	FALSE
0,071	0,282	0,002	0,009	0,092	FALSE
0,113	0,290	0,004	0,009	0,171	FALSE
0,078	0,278	0,003	0,010	0,107	FALSE
-0,026	0,287	0,000	0,008	0,017	FALSE

0,095	0,289	0,003	0,011	0,118	FALSE
0,107	0,291	0,004	0,012	0,148	FALSE
0,090	0,279	0,004	0,011	0,130	FALSE
-0,023	0,284	0,000	0,008	0,016	FALSE
-0,014	0,289	-0,002	0,014	0,048	FALSE
-0,027	0,294	0,000	0,012	0,004	FALSE
0,104	0,273	0,003	0,011	0,090	FALSE
0,087	0,281	0,002	0,011	0,066	FALSE
0,094	0,283	0,003	0,011	0,087	FALSE
-0,017	0,278	0,000	0,012	0,007	FALSE
0,043	0,284	0,004	0,013	0,108	FALSE
0,126	0,281	0,003	0,012	0,087	FALSE
-0,168	0,292	-0,004	0,009	0,194	FALSE
-0,118	0,276	-0,003	0,007	0,182	FALSE
0,097	0,279	0,003	0,009	0,140	FALSE
0,012	0,279	0,000	0,008	0,006	FALSE
-0,024	0,298	0,001	0,011	0,045	FALSE
-0,021	0,284	0,001	0,009	0,035	FALSE
-0,070	0,289	-0,003	0,014	0,067	FALSE
-0,033	0,286	-0,001	0,009	0,057	FALSE
0,013	0,283	0,002	0,008	0,092	FALSE
0,045	0,280	0,001	0,010	0,027	FALSE
0,073	0,306	0,002	0,015	0,050	FALSE
-0,016	0,278	0,002	0,008	0,076	FALSE
-0,035	0,292	0,001	0,008	0,041	FALSE
0,092	0,270	0,000	0,009	0,012	FALSE
0,041	0,304	0,001	0,010	0,051	FALSE
0,129	0,287	0,002	0,008	0,094	FALSE
-0,141	0,304	-0,006	0,015	0,168	FALSE
-0,172	0,282	-0,003	0,009	0,136	FALSE
-0,111	0,288	-0,003	0,008	0,169	FALSE
-0,037	0,287	-0,004	0,014	0,105	FALSE
0,034	0,282	-0,001	0,008	0,041	FALSE
-0,111	0,281	-0,002	0,011	0,072	FALSE
-0,218	0,266	-0,006	0,007	0,371	FALSE
0,052	0,291	0,000	0,008	0,005	FALSE
0,048	0,294	0,002	0,014	0,039	FALSE
-0,035	0,289	0,000	0,015	0,005	FALSE
0,175	0,274	0,005	0,008	0,239	FALSE
-0,042	0,272	-0,002	0,008	0,081	FALSE
-0,011	0,299	0,000	0,013	0,001	FALSE
-0,096	0,296	-0,003	0,009	0,127	FALSE
-0,011	0,284	0,001	0,013	0,036	FALSE
0,053	0,286	0,003	0,012	0,105	FALSE
0,026	0,291	-0,001	0,015	0,019	FALSE
-0,057	0,284	-0,002	0,013	0,064	FALSE
0,147	0,281	0,003	0,008	0,174	FALSE
-0,040	0,286	0,000	0,008	0,016	FALSE
-0,050	0,282	-0,002	0,008	0,117	FALSE
0,165	0,288	0,004	0,010	0,151	FALSE
-0,017	0,297	0,000	0,011	0,013	FALSE
0,095	0,290	0,001	0,008	0,027	FALSE
-0,030	0,280	0,000	0,011	0,004	FALSE

0,039	0,301	0,002	0,009	0,082	FALSE
0,164	0,284	0,007	0,013	0,240	FALSE
0,125	0,280	0,006	0,014	0,166	FALSE
0,023	0,281	0,001	0,007	0,071	FALSE
0,000	0,291	-0,001	0,007	0,038	FALSE
0,138	0,275	0,003	0,009	0,138	FALSE
-0,050	0,283	-0,001	0,009	0,041	FALSE
0,106	0,293	0,003	0,008	0,129	FALSE
-0,049	0,281	-0,002	0,012	0,058	FALSE
-0,004	0,291	-0,002	0,015	0,043	FALSE
0,168	0,283	0,007	0,015	0,198	FALSE
-0,024	0,285	0,000	0,011	0,013	FALSE
-0,015	0,282	0,001	0,011	0,018	FALSE
0,097	0,279	0,004	0,012	0,116	FALSE
0,023	0,282	0,001	0,008	0,049	FALSE
-0,022	0,281	0,000	0,014	0,007	FALSE
0,001	0,295	0,000	0,014	0,007	FALSE
0,141	0,276	0,004	0,014	0,102	FALSE
0,167	0,283	0,004	0,013	0,125	FALSE
-0,019	0,292	0,000	0,011	0,009	FALSE
0,127	0,285	0,006	0,014	0,160	FALSE
0,022	0,286	0,000	0,007	0,003	FALSE
0,111	0,284	0,007	0,014	0,200	FALSE
0,057	0,280	0,003	0,010	0,120	FALSE
-0,142	0,280	-0,004	0,011	0,128	FALSE
0,069	0,291	0,003	0,010	0,130	FALSE
0,076	0,294	0,004	0,010	0,144	FALSE
0,086	0,288	0,004	0,010	0,170	FALSE
0,152	0,283	0,006	0,012	0,219	FALSE
0,123	0,272	0,008	0,014	0,232	FALSE
0,107	0,277	0,002	0,009	0,072	FALSE
-0,023	0,281	0,000	0,010	0,002	FALSE
0,003	0,289	0,001	0,011	0,040	FALSE
0,105	0,286	0,005	0,013	0,162	FALSE
0,098	0,276	0,005	0,012	0,190	FALSE
-0,122	0,288	-0,003	0,007	0,139	FALSE
0,101	0,291	0,004	0,012	0,118	FALSE
-0,065	0,288	-0,001	0,010	0,040	FALSE
-0,036	0,288	-0,002	0,011	0,054	FALSE
0,106	0,286	0,002	0,009	0,082	FALSE
0,064	0,277	0,000	0,007	0,007	FALSE
-0,031	0,282	-0,001	0,013	0,018	FALSE
0,196	0,280	0,005	0,008	0,277	FALSE
0,031	0,274	0,001	0,009	0,060	FALSE
0,013	0,295	-0,001	0,011	0,041	FALSE
0,023	0,286	0,002	0,008	0,114	FALSE
0,040	0,305	0,002	0,013	0,056	FALSE
-0,014	0,283	-0,003	0,013	0,093	FALSE
0,017	0,292	0,002	0,015	0,062	FALSE
-0,088	0,300	-0,003	0,012	0,082	FALSE
-0,151	0,279	-0,006	0,014	0,172	FALSE
-0,148	0,280	-0,003	0,008	0,137	FALSE
-0,040	0,274	0,000	0,009	0,004	FALSE

-0,206	0,277	-0,009	0,012	0,344	FALSE
0,039	0,287	-0,001	0,007	0,041	FALSE
0,117	0,281	0,005	0,014	0,128	FALSE
0,065	0,299	0,000	0,007	0,000	FALSE
0,002	0,291	-0,001	0,011	0,033	FALSE
-0,115	0,277	-0,006	0,014	0,186	FALSE
0,049	0,289	0,001	0,015	0,018	FALSE
0,041	0,282	0,001	0,012	0,037	FALSE
0,045	0,299	0,002	0,008	0,127	FALSE
-0,164	0,267	-0,007	0,011	0,291	FALSE
-0,159	0,267	-0,007	0,011	0,293	FALSE
-0,252	0,286	-0,011	0,013	0,393	FALSE
-0,002	0,293	-0,001	0,012	0,029	FALSE
0,154	0,288	0,003	0,008	0,165	FALSE
0,002	0,295	-0,001	0,012	0,019	FALSE
0,177	0,293	0,004	0,009	0,190	FALSE
-0,094	0,291	-0,001	0,013	0,041	FALSE
-0,015	0,279	0,001	0,008	0,050	FALSE
-0,070	0,281	-0,003	0,014	0,094	FALSE
-0,127	0,283	-0,006	0,015	0,145	FALSE
-0,033	0,284	0,000	0,009	0,003	FALSE
0,189	0,272	0,008	0,012	0,274	FALSE
0,030	0,287	-0,001	0,010	0,055	FALSE
0,281	0,259	0,007	0,009	0,402	FALSE
0,018	0,266	-0,002	0,009	0,068	FALSE
0,042	0,285	0,002	0,010	0,070	FALSE
0,054	0,284	0,002	0,010	0,096	FALSE
0,064	0,300	0,001	0,011	0,032	FALSE
0,210	0,278	0,009	0,015	0,276	FALSE
0,029	0,301	0,002	0,011	0,080	FALSE
-0,080	0,285	-0,001	0,011	0,051	FALSE
-0,101	0,283	-0,002	0,011	0,059	FALSE
-0,011	0,285	0,001	0,009	0,043	FALSE
0,066	0,293	0,001	0,007	0,026	FALSE
0,095	0,284	0,001	0,007	0,066	FALSE
0,032	0,299	0,001	0,008	0,030	FALSE
-0,086	0,291	-0,005	0,012	0,151	FALSE
0,150	0,292	0,005	0,009	0,225	FALSE
-0,075	0,280	-0,001	0,011	0,041	FALSE
0,076	0,291	0,002	0,008	0,116	FALSE
-0,204	0,274	-0,005	0,008	0,272	FALSE
0,010	0,282	0,001	0,014	0,025	FALSE
0,016	0,278	0,001	0,013	0,030	FALSE
0,017	0,294	0,001	0,014	0,027	FALSE
0,012	0,279	0,001	0,013	0,025	FALSE
-0,005	0,285	0,001	0,014	0,016	FALSE
0,212	0,275	0,008	0,015	0,224	FALSE
-0,197	0,267	-0,006	0,009	0,291	FALSE
-0,146	0,294	-0,004	0,008	0,169	FALSE
-0,132	0,286	-0,003	0,008	0,173	FALSE
-0,034	0,292	-0,001	0,010	0,043	FALSE
0,045	0,282	0,003	0,011	0,096	FALSE
0,045	0,273	0,000	0,013	0,011	FALSE

-0,170	0,279	-0,004	0,010	0,171	FALSE
0,041	0,298	0,002	0,013	0,066	FALSE
0,084	0,286	0,002	0,010	0,070	FALSE
-0,135	0,295	-0,007	0,015	0,197	FALSE
0,101	0,297	0,003	0,009	0,133	FALSE
0,019	0,284	-0,001	0,012	0,027	FALSE
-0,046	0,299	-0,003	0,014	0,087	FALSE
0,003	0,290	0,002	0,013	0,055	FALSE
-0,172	0,277	-0,008	0,013	0,274	FALSE
-0,038	0,295	0,000	0,008	0,015	FALSE
0,052	0,282	0,001	0,007	0,050	FALSE
0,021	0,287	0,002	0,011	0,068	FALSE
0,054	0,284	0,003	0,010	0,107	FALSE
0,047	0,293	0,003	0,011	0,092	FALSE
-0,042	0,298	-0,003	0,015	0,075	FALSE
0,178	0,270	0,007	0,011	0,252	FALSE
0,190	0,281	0,007	0,012	0,254	FALSE
-0,008	0,289	0,001	0,009	0,026	FALSE
-0,031	0,280	-0,001	0,008	0,024	FALSE
-0,008	0,283	0,001	0,011	0,035	FALSE
0,167	0,274	0,004	0,011	0,142	FALSE
0,188	0,287	0,006	0,010	0,235	FALSE
0,184	0,286	0,005	0,010	0,225	FALSE
-0,090	0,290	-0,003	0,012	0,093	FALSE
0,183	0,284	0,005	0,010	0,220	FALSE
-0,169	0,287	-0,005	0,009	0,219	FALSE
0,187	0,280	0,006	0,010	0,250	FALSE
-0,113	0,277	-0,003	0,011	0,101	FALSE
-0,094	0,291	-0,002	0,012	0,077	FALSE
0,099	0,282	0,003	0,015	0,085	FALSE
0,076	0,292	0,002	0,015	0,046	FALSE
0,153	0,290	0,002	0,008	0,110	FALSE
0,089	0,283	0,003	0,014	0,071	FALSE
0,141	0,284	0,002	0,012	0,055	FALSE
0,135	0,285	0,002	0,012	0,060	FALSE
-0,094	0,275	-0,002	0,015	0,053	FALSE
0,045	0,287	0,000	0,010	0,007	FALSE
0,081	0,285	0,000	0,008	0,012	FALSE
-0,059	0,284	0,000	0,015	0,005	FALSE
-0,108	0,278	-0,002	0,014	0,050	FALSE
-0,067	0,282	-0,001	0,009	0,043	FALSE
0,109	0,282	0,004	0,015	0,092	FALSE
-0,046	0,276	-0,001	0,008	0,056	FALSE
0,012	0,293	0,000	0,008	0,019	FALSE
-0,024	0,275	0,000	0,008	0,017	FALSE
0,175	0,288	0,005	0,008	0,320	FALSE
0,128	0,283	0,006	0,010	0,281	FALSE
0,064	0,279	0,006	0,013	0,184	FALSE
0,016	0,292	0,004	0,015	0,105	FALSE
-0,013	0,277	-0,002	0,010	0,073	FALSE
0,121	0,291	0,004	0,012	0,149	FALSE
0,004	0,280	0,000	0,010	0,006	FALSE
-0,108	0,278	-0,002	0,008	0,078	FALSE

0,060	0,302	0,003	0,013	0,096	FALSE
0,049	0,305	0,003	0,011	0,102	FALSE
0,055	0,294	0,002	0,010	0,094	FALSE
0,055	0,296	0,003	0,012	0,095	FALSE
0,162	0,279	0,005	0,009	0,207	FALSE
0,067	0,294	0,003	0,008	0,154	FALSE
-0,125	0,281	-0,002	0,009	0,079	FALSE
-0,147	0,279	-0,006	0,013	0,202	FALSE
-0,153	0,285	-0,007	0,013	0,211	FALSE
-0,156	0,279	-0,007	0,013	0,243	FALSE
-0,091	0,276	-0,003	0,009	0,123	FALSE
0,079	0,285	0,001	0,008	0,061	FALSE
-0,150	0,274	-0,004	0,012	0,136	FALSE
0,047	0,307	0,002	0,015	0,044	FALSE
0,099	0,272	0,005	0,010	0,193	FALSE
-0,216	0,286	-0,007	0,011	0,251	FALSE
-0,080	0,287	-0,003	0,010	0,125	FALSE
-0,039	0,277	-0,001	0,013	0,013	FALSE
0,139	0,290	0,004	0,012	0,135	FALSE
-0,061	0,284	-0,002	0,013	0,067	FALSE
-0,019	0,280	-0,001	0,016	0,020	FALSE
-0,043	0,283	-0,003	0,015	0,063	FALSE
0,073	0,287	0,005	0,013	0,145	FALSE
0,036	0,280	0,002	0,013	0,059	FALSE
0,111	0,296	0,005	0,016	0,110	FALSE
0,087	0,295	0,004	0,017	0,080	FALSE
-0,010	0,288	0,000	0,015	0,004	FALSE
-0,134	0,287	-0,006	0,013	0,179	FALSE
0,151	0,296	0,008	0,014	0,246	FALSE
0,189	0,259	0,006	0,009	0,293	FALSE
-0,229	0,272	-0,012	0,015	0,407	FALSE
-0,033	0,284	0,000	0,013	0,002	FALSE
-0,005	0,280	0,001	0,013	0,041	FALSE
-0,029	0,276	-0,004	0,017	0,084	FALSE
-0,032	0,286	-0,005	0,017	0,109	FALSE
-0,240	0,257	-0,013	0,014	0,458	FALSE
0,102	0,272	0,007	0,016	0,184	FALSE
-0,025	0,285	0,000	0,017	0,004	FALSE
0,164	0,280	0,005	0,012	0,183	FALSE
-0,120	0,277	-0,006	0,017	0,133	FALSE
-0,105	0,292	-0,006	0,018	0,136	FALSE
0,093	0,270	0,001	0,012	0,037	FALSE
0,078	0,273	0,003	0,018	0,063	FALSE
-0,026	0,286	0,001	0,016	0,026	FALSE
-0,041	0,292	-0,001	0,016	0,015	FALSE
0,045	0,302	0,002	0,009	0,066	FALSE
0,056	0,296	0,002	0,009	0,106	FALSE
0,097	0,273	0,003	0,009	0,113	FALSE
0,094	0,284	0,005	0,013	0,138	FALSE
-0,060	0,292	-0,002	0,013	0,042	FALSE
-0,096	0,271	-0,003	0,010	0,114	FALSE
-0,175	0,267	-0,004	0,010	0,168	FALSE
0,138	0,289	0,011	0,017	0,281	FALSE

0,142	0,274	0,005	0,011	0,177	FALSE
0,104	0,280	0,003	0,008	0,171	FALSE
-0,137	0,288	-0,006	0,018	0,134	FALSE
-0,205	0,268	-0,010	0,017	0,251	FALSE
-0,056	0,278	-0,001	0,012	0,037	FALSE
0,055	0,281	0,001	0,009	0,057	FALSE
0,091	0,285	0,005	0,012	0,156	FALSE
0,065	0,294	0,001	0,010	0,042	FALSE
-0,161	0,270	-0,009	0,016	0,234	FALSE
0,028	0,286	0,002	0,010	0,075	FALSE
-0,147	0,281	-0,005	0,011	0,186	FALSE
0,080	0,293	0,002	0,009	0,084	FALSE
0,148	0,270	0,006	0,011	0,263	FALSE
-0,144	0,272	-0,007	0,013	0,219	FALSE
-0,192	0,261	-0,010	0,014	0,317	FALSE
0,017	0,289	0,003	0,013	0,078	FALSE
-0,241	0,259	-0,013	0,014	0,430	FALSE
-0,102	0,289	-0,002	0,010	0,090	FALSE
0,045	0,299	0,001	0,011	0,045	FALSE
0,025	0,291	0,001	0,018	0,028	FALSE
0,013	0,292	0,001	0,010	0,042	FALSE
0,051	0,278	0,000	0,009	0,000	FALSE
0,069	0,276	0,002	0,009	0,062	FALSE
-0,152	0,286	-0,005	0,012	0,188	FALSE
0,017	0,269	0,000	0,011	0,007	FALSE
-0,089	0,292	-0,004	0,009	0,178	FALSE
-0,028	0,278	0,000	0,010	0,010	FALSE
-0,046	0,291	-0,001	0,012	0,019	FALSE
0,140	0,274	0,004	0,010	0,192	FALSE
0,018	0,285	0,000	0,016	0,002	FALSE
-0,052	0,277	-0,001	0,010	0,044	FALSE
0,037	0,277	0,001	0,009	0,024	FALSE
-0,226	0,272	-0,011	0,017	0,293	FALSE
-0,162	0,280	-0,005	0,010	0,213	FALSE
-0,248	0,278	-0,008	0,010	0,363	FALSE
0,109	0,273	0,004	0,009	0,157	FALSE
0,031	0,283	0,001	0,013	0,016	FALSE
-0,020	0,286	-0,001	0,011	0,036	FALSE
0,126	0,281	0,005	0,016	0,107	FALSE
0,103	0,280	0,002	0,010	0,090	FALSE
-0,010	0,292	-0,002	0,011	0,064	FALSE
0,050	0,291	0,000	0,017	0,009	FALSE
0,013	0,293	0,001	0,011	0,037	FALSE
0,129	0,280	0,004	0,011	0,150	FALSE
0,193	0,268	0,007	0,010	0,291	FALSE
-0,089	0,282	-0,005	0,013	0,141	FALSE
0,296	0,255	0,012	0,013	0,463	FALSE
-0,023	0,271	-0,001	0,010	0,020	FALSE
-0,019	0,292	-0,002	0,011	0,052	FALSE
0,096	0,284	0,002	0,012	0,077	FALSE
-0,004	0,292	-0,001	0,010	0,036	FALSE
0,061	0,272	0,003	0,016	0,080	FALSE
0,117	0,277	0,003	0,009	0,115	FALSE

-0,187	0,275	-0,009	0,018	0,218	FALSE
-0,188	0,275	-0,009	0,017	0,216	FALSE
0,238	0,267	0,012	0,017	0,301	FALSE
-0,072	0,277	-0,003	0,012	0,092	FALSE
-0,153	0,289	-0,005	0,011	0,191	FALSE
-0,048	0,289	-0,002	0,010	0,067	FALSE
-0,015	0,274	-0,003	0,011	0,091	FALSE
-0,046	0,287	-0,001	0,009	0,050	FALSE
0,053	0,276	0,001	0,011	0,034	FALSE
-0,105	0,285	-0,006	0,016	0,148	FALSE
-0,091	0,295	-0,002	0,009	0,082	FALSE
-0,010	0,270	0,000	0,013	0,006	FALSE
-0,207	0,283	-0,009	0,012	0,309	FALSE
0,122	0,270	0,005	0,011	0,192	FALSE
-0,004	0,287	0,000	0,016	0,001	FALSE
0,074	0,289	0,004	0,015	0,103	FALSE
-0,040	0,281	-0,001	0,016	0,031	FALSE
-0,088	0,293	-0,003	0,015	0,084	FALSE
-0,119	0,280	-0,004	0,014	0,104	FALSE
0,002	0,299	0,000	0,011	0,006	FALSE
-0,144	0,279	-0,005	0,011	0,201	FALSE
0,060	0,272	0,002	0,011	0,075	FALSE
0,031	0,272	0,001	0,018	0,013	FALSE
-0,168	0,280	-0,006	0,010	0,258	FALSE
-0,074	0,282	-0,004	0,011	0,134	FALSE
-0,229	0,275	-0,008	0,009	0,387	FALSE
0,053	0,275	0,001	0,011	0,020	FALSE
-0,030	0,292	-0,002	0,013	0,065	FALSE
0,184	0,261	0,008	0,013	0,258	FALSE
-0,013	0,287	0,000	0,011	0,006	FALSE
-0,099	0,295	-0,004	0,011	0,137	FALSE
-0,204	0,265	-0,013	0,016	0,361	FALSE
0,174	0,282	0,011	0,016	0,321	FALSE
-0,037	0,266	-0,002	0,008	0,068	FALSE
0,057	0,273	0,001	0,011	0,016	FALSE
-0,132	0,273	-0,006	0,012	0,194	FALSE
-0,154	0,290	-0,009	0,018	0,210	FALSE
-0,195	0,284	-0,006	0,011	0,213	FALSE
-0,209	0,277	-0,006	0,011	0,253	FALSE
0,018	0,284	0,001	0,017	0,026	FALSE
0,025	0,280	0,001	0,016	0,015	FALSE
-0,049	0,268	-0,002	0,010	0,075	FALSE
0,003	0,273	0,001	0,017	0,023	FALSE
0,012	0,297	0,002	0,009	0,067	FALSE
0,133	0,291	0,005	0,012	0,147	FALSE
-0,091	0,274	-0,002	0,011	0,076	FALSE
-0,024	0,283	-0,002	0,009	0,078	FALSE
-0,063	0,282	-0,005	0,017	0,122	FALSE
-0,060	0,288	-0,001	0,009	0,052	FALSE
-0,156	0,284	-0,008	0,015	0,223	FALSE
0,026	0,272	0,001	0,014	0,038	FALSE
-0,067	0,273	-0,001	0,010	0,035	FALSE
0,042	0,289	0,003	0,017	0,066	FALSE

0,074	0,299	0,003	0,010	0,103	FALSE
-0,065	0,292	-0,003	0,010	0,100	FALSE
0,124	0,285	0,007	0,017	0,176	FALSE
0,155	0,281	0,010	0,017	0,243	FALSE
0,095	0,288	0,005	0,016	0,113	FALSE
0,016	0,290	0,000	0,010	0,007	FALSE
-0,079	0,275	-0,003	0,016	0,068	FALSE
-0,122	0,287	-0,006	0,015	0,164	FALSE
-0,154	0,284	-0,007	0,015	0,182	FALSE
0,003	0,280	0,000	0,010	0,003	FALSE
0,100	0,278	0,005	0,015	0,141	FALSE
0,012	0,286	0,000	0,018	0,000	FALSE
-0,152	0,281	-0,009	0,015	0,251	FALSE
-0,003	0,276	0,001	0,014	0,029	FALSE
-0,051	0,285	-0,002	0,017	0,039	FALSE
0,127	0,284	0,003	0,011	0,128	FALSE
-0,209	0,266	-0,006	0,009	0,265	FALSE
-0,068	0,284	-0,002	0,017	0,048	FALSE
-0,089	0,265	-0,001	0,013	0,024	FALSE
-0,075	0,289	-0,003	0,010	0,122	FALSE
0,032	0,299	0,000	0,010	0,002	FALSE
0,065	0,272	0,004	0,016	0,083	FALSE
0,012	0,257	-0,001	0,011	0,028	FALSE
-0,124	0,280	-0,005	0,016	0,112	FALSE
-0,016	0,290	0,000	0,009	0,006	FALSE
-0,123	0,282	-0,004	0,010	0,159	FALSE
0,064	0,279	0,005	0,016	0,117	FALSE
0,013	0,280	0,001	0,012	0,025	FALSE
0,022	0,288	0,002	0,017	0,032	FALSE
0,070	0,278	0,002	0,012	0,075	FALSE
0,013	0,273	0,000	0,009	0,017	FALSE
-0,042	0,281	-0,001	0,011	0,039	FALSE
-0,049	0,267	-0,003	0,010	0,106	FALSE
0,025	0,278	0,000	0,012	0,002	FALSE
-0,128	0,285	-0,003	0,011	0,106	FALSE
0,061	0,284	0,001	0,014	0,024	FALSE
0,079	0,276	0,002	0,015	0,055	FALSE
0,216	0,268	0,010	0,014	0,328	FALSE
-0,094	0,279	-0,003	0,016	0,080	FALSE
0,189	0,271	0,005	0,009	0,262	FALSE
-0,037	0,290	-0,001	0,012	0,039	FALSE
-0,047	0,283	0,000	0,009	0,001	FALSE
0,228	0,275	0,009	0,014	0,272	FALSE
0,104	0,285	0,002	0,017	0,054	FALSE
0,130	0,272	0,004	0,017	0,103	FALSE
0,056	0,279	0,001	0,009	0,040	FALSE
-0,168	0,293	-0,009	0,015	0,262	FALSE
0,018	0,261	0,000	0,014	0,004	FALSE
-0,152	0,270	-0,008	0,014	0,258	FALSE
0,086	0,263	0,002	0,009	0,093	FALSE
-0,139	0,275	-0,008	0,015	0,227	FALSE
-0,115	0,280	-0,007	0,015	0,194	FALSE
-0,085	0,286	-0,003	0,013	0,100	FALSE

0,023	0,296	0,002	0,010	0,071	FALSE
0,018	0,285	0,002	0,013	0,060	FALSE
0,071	0,270	0,004	0,013	0,131	FALSE
0,065	0,275	0,004	0,013	0,126	FALSE
-0,100	0,290	-0,002	0,013	0,072	FALSE
-0,025	0,292	-0,001	0,010	0,038	FALSE
0,193	0,275	0,007	0,016	0,178	FALSE
0,075	0,267	0,001	0,009	0,062	FALSE
-0,140	0,284	-0,005	0,012	0,173	FALSE
-0,090	0,286	-0,002	0,015	0,061	FALSE
-0,023	0,280	0,001	0,010	0,019	FALSE
-0,006	0,285	0,001	0,010	0,036	FALSE
-0,164	0,290	-0,005	0,010	0,197	FALSE
0,032	0,278	0,002	0,012	0,062	FALSE
0,000	0,279	0,000	0,011	0,015	FALSE
0,030	0,281	0,002	0,011	0,052	FALSE
0,168	0,265	0,008	0,012	0,299	FALSE
0,084	0,272	0,004	0,012	0,132	FALSE
0,022	0,290	0,003	0,010	0,108	FALSE
0,081	0,265	0,004	0,011	0,130	FALSE
0,086	0,268	0,004	0,011	0,131	FALSE
0,103	0,280	0,004	0,011	0,169	FALSE
0,127	0,288	0,005	0,010	0,192	FALSE
0,057	0,284	0,002	0,010	0,085	FALSE
0,069	0,264	0,002	0,011	0,076	FALSE
0,059	0,274	0,001	0,009	0,038	FALSE
0,037	0,284	0,002	0,013	0,055	FALSE
-0,049	0,275	-0,001	0,009	0,040	FALSE
0,042	0,279	0,004	0,011	0,141	FALSE
-0,040	0,289	-0,001	0,009	0,041	FALSE
-0,025	0,271	0,000	0,008	0,014	FALSE
-0,032	0,288	-0,001	0,009	0,028	FALSE
0,110	0,268	0,001	0,010	0,046	FALSE
-0,013	0,284	0,000	0,009	0,004	FALSE
-0,044	0,287	-0,001	0,010	0,034	FALSE
-0,030	0,292	-0,001	0,009	0,021	FALSE
0,069	0,277	0,005	0,014	0,147	FALSE
0,027	0,290	0,003	0,011	0,108	FALSE
0,027	0,267	0,001	0,009	0,024	FALSE
-0,161	0,278	-0,008	0,017	0,201	FALSE
0,016	0,289	0,000	0,015	0,011	FALSE
0,042	0,291	0,002	0,016	0,054	FALSE
0,077	0,267	0,002	0,010	0,065	FALSE
0,102	0,278	0,005	0,014	0,141	FALSE
-0,023	0,289	-0,003	0,016	0,059	FALSE
-0,081	0,289	-0,002	0,015	0,055	FALSE
0,040	0,288	0,001	0,009	0,035	FALSE
-0,051	0,309	-0,001	0,016	0,021	FALSE
-0,006	0,289	-0,001	0,017	0,021	FALSE
0,012	0,282	0,000	0,017	0,010	FALSE
-0,069	0,291	-0,003	0,013	0,091	FALSE
-0,013	0,302	0,000	0,010	0,012	FALSE
-0,069	0,273	-0,002	0,015	0,062	FALSE

-0,084	0,288	-0,005	0,015	0,134	FALSE
-0,017	0,298	-0,001	0,016	0,019	FALSE
-0,111	0,284	-0,003	0,013	0,104	FALSE
-0,210	0,272	-0,008	0,011	0,324	FALSE
0,202	0,280	0,006	0,009	0,268	FALSE
-0,179	0,277	-0,005	0,009	0,233	FALSE
-0,087	0,274	-0,004	0,011	0,139	FALSE
0,044	0,286	0,000	0,016	0,002	FALSE
-0,116	0,303	-0,003	0,011	0,116	FALSE
-0,056	0,304	-0,002	0,011	0,061	FALSE
0,011	0,300	0,002	0,010	0,077	FALSE
0,219	0,283	0,009	0,013	0,308	FALSE
-0,136	0,281	-0,003	0,010	0,123	FALSE
0,000	0,298	-0,001	0,018	0,019	FALSE
0,017	0,289	0,003	0,011	0,098	FALSE
0,055	0,304	0,004	0,017	0,092	FALSE
0,158	0,276	0,007	0,017	0,169	FALSE
0,012	0,290	0,002	0,010	0,097	FALSE
0,073	0,275	0,001	0,009	0,045	FALSE
-0,082	0,288	-0,005	0,013	0,144	FALSE
0,043	0,285	0,002	0,010	0,068	FALSE
0,022	0,287	-0,001	0,017	0,012	FALSE
-0,070	0,287	-0,001	0,011	0,032	FALSE
0,071	0,295	0,002	0,016	0,047	FALSE
-0,064	0,273	-0,002	0,015	0,049	FALSE
-0,039	0,270	-0,002	0,016	0,056	FALSE
-0,083	0,262	-0,004	0,016	0,107	FALSE
0,142	0,283	0,005	0,017	0,107	FALSE
-0,091	0,283	-0,004	0,011	0,132	FALSE
-0,102	0,289	-0,004	0,009	0,176	FALSE
-0,101	0,292	-0,004	0,011	0,141	FALSE
-0,110	0,285	-0,005	0,011	0,220	FALSE
-0,138	0,280	-0,007	0,012	0,238	FALSE
-0,115	0,287	-0,008	0,017	0,178	FALSE
0,154	0,281	0,005	0,010	0,200	FALSE
0,218	0,283	0,010	0,013	0,353	FALSE
0,127	0,277	0,002	0,010	0,092	FALSE
-0,023	0,285	-0,001	0,009	0,039	FALSE
-0,108	0,285	-0,003	0,011	0,113	FALSE
0,123	0,290	0,006	0,014	0,165	FALSE
-0,199	0,279	-0,013	0,018	0,327	FALSE
0,029	0,284	0,003	0,012	0,095	FALSE
-0,014	0,279	0,000	0,014	0,011	FALSE
-0,015	0,277	-0,001	0,014	0,031	FALSE
-0,094	0,280	-0,007	0,017	0,153	FALSE
0,059	0,286	0,001	0,010	0,036	FALSE
-0,113	0,283	-0,002	0,010	0,083	FALSE
-0,120	0,292	-0,004	0,009	0,172	FALSE
0,214	0,293	0,009	0,016	0,253	FALSE
0,128	0,283	0,005	0,015	0,118	FALSE
-0,111	0,291	-0,002	0,011	0,070	FALSE
-0,099	0,285	-0,002	0,010	0,057	FALSE
0,159	0,285	0,004	0,009	0,190	FALSE

-0,143	0,276	-0,006	0,012	0,198	FALSE
-0,036	0,300	-0,002	0,013	0,054	FALSE
-0,149	0,280	-0,007	0,015	0,189	FALSE
0,169	0,279	0,005	0,010	0,212	FALSE
-0,074	0,293	-0,005	0,017	0,123	FALSE
0,018	0,296	-0,001	0,014	0,036	FALSE
-0,117	0,281	-0,003	0,012	0,084	FALSE
0,121	0,279	0,004	0,010	0,138	FALSE
-0,062	0,275	-0,001	0,016	0,017	FALSE
-0,072	0,285	0,000	0,009	0,001	FALSE
0,040	0,277	0,004	0,011	0,144	FALSE
0,070	0,292	0,007	0,015	0,177	FALSE
0,064	0,277	0,006	0,014	0,167	FALSE
-0,065	0,281	-0,002	0,013	0,067	FALSE
0,003	0,291	0,001	0,010	0,039	FALSE
-0,083	0,289	-0,005	0,017	0,117	FALSE
0,077	0,288	0,006	0,017	0,129	FALSE
0,052	0,274	0,004	0,016	0,087	FALSE
0,209	0,276	0,010	0,016	0,264	FALSE
0,105	0,275	0,003	0,012	0,108	FALSE
-0,112	0,274	-0,004	0,012	0,120	FALSE
0,047	0,285	0,002	0,009	0,067	FALSE
-0,103	0,286	-0,004	0,009	0,155	FALSE
0,010	0,277	0,004	0,016	0,091	FALSE
0,125	0,285	0,004	0,012	0,139	FALSE
0,063	0,277	0,000	0,017	0,005	FALSE
0,058	0,283	0,001	0,010	0,038	FALSE
0,015	0,288	0,001	0,008	0,035	FALSE
-0,120	0,294	-0,003	0,009	0,151	FALSE
0,001	0,282	0,001	0,014	0,040	FALSE
0,016	0,287	0,001	0,009	0,058	FALSE
0,065	0,274	0,002	0,010	0,057	FALSE
-0,043	0,290	-0,002	0,015	0,047	FALSE
-0,105	0,286	-0,005	0,016	0,119	FALSE
-0,054	0,291	-0,003	0,017	0,074	FALSE
0,097	0,276	0,004	0,010	0,156	FALSE
0,071	0,281	0,002	0,010	0,088	FALSE
-0,065	0,283	-0,005	0,016	0,127	FALSE
-0,007	0,297	0,002	0,013	0,067	FALSE
0,180	0,272	0,007	0,013	0,240	FALSE
-0,080	0,287	-0,002	0,010	0,078	FALSE
-0,050	0,291	-0,001	0,010	0,049	FALSE
0,081	0,284	0,001	0,011	0,025	FALSE
0,050	0,275	0,002	0,016	0,037	FALSE
-0,003	0,290	0,001	0,016	0,034	FALSE
-0,191	0,275	-0,007	0,010	0,293	FALSE
0,073	0,279	0,002	0,012	0,052	FALSE
-0,095	0,293	-0,002	0,009	0,071	FALSE
0,092	0,294	0,003	0,014	0,072	FALSE
0,164	0,272	0,006	0,012	0,218	FALSE
0,076	0,279	0,002	0,014	0,053	FALSE
0,070	0,301	0,003	0,018	0,067	FALSE
0,040	0,270	-0,002	0,017	0,041	FALSE

0,018	0,284	0,000	0,009	0,014	FALSE
-0,132	0,289	-0,005	0,013	0,172	FALSE
-0,047	0,274	-0,005	0,015	0,136	FALSE
0,069	0,272	0,001	0,017	0,029	FALSE
0,007	0,286	0,000	0,010	0,004	FALSE
0,117	0,286	0,004	0,008	0,227	FALSE
-0,214	0,283	-0,008	0,011	0,339	FALSE
0,060	0,273	0,003	0,010	0,126	FALSE
-0,055	0,284	0,000	0,009	0,005	FALSE
0,066	0,279	0,005	0,013	0,157	FALSE
0,135	0,265	0,003	0,008	0,172	FALSE
-0,052	0,280	-0,001	0,010	0,051	FALSE
-0,047	0,288	-0,001	0,009	0,029	FALSE
-0,109	0,271	-0,005	0,017	0,112	FALSE
0,097	0,277	0,003	0,009	0,118	FALSE
0,200	0,275	0,005	0,009	0,258	FALSE
-0,012	0,288	-0,001	0,015	0,032	FALSE
-0,063	0,296	-0,003	0,015	0,083	FALSE
-0,023	0,285	0,000	0,011	0,012	FALSE
0,011	0,268	0,001	0,012	0,034	FALSE
0,020	0,279	0,001	0,011	0,045	FALSE
-0,030	0,266	0,002	0,010	0,059	FALSE
-0,048	0,284	-0,001	0,013	0,025	FALSE
-0,044	0,288	-0,001	0,008	0,025	FALSE
-0,057	0,282	-0,002	0,016	0,052	FALSE
0,140	0,277	0,006	0,018	0,123	FALSE
-0,093	0,275	-0,001	0,015	0,030	FALSE
-0,039	0,267	-0,002	0,010	0,057	FALSE
0,130	0,287	0,006	0,015	0,160	FALSE
-0,095	0,279	-0,003	0,011	0,109	FALSE
-0,101	0,277	-0,003	0,012	0,101	FALSE
-0,081	0,281	-0,002	0,013	0,066	FALSE
-0,166	0,281	-0,004	0,008	0,199	FALSE
0,082	0,265	0,003	0,008	0,154	FALSE
0,012	0,287	0,000	0,011	0,000	FALSE
0,067	0,285	0,003	0,010	0,133	FALSE
-0,079	0,292	-0,005	0,016	0,112	FALSE
0,101	0,272	0,004	0,011	0,145	FALSE
0,102	0,280	0,004	0,009	0,189	FALSE
-0,081	0,279	-0,002	0,009	0,073	FALSE
-0,098	0,264	-0,004	0,009	0,197	FALSE
0,103	0,272	0,002	0,009	0,099	FALSE
-0,066	0,290	-0,002	0,011	0,056	FALSE
0,063	0,285	0,004	0,013	0,104	FALSE
-0,145	0,295	-0,008	0,016	0,225	FALSE
0,180	0,281	0,006	0,013	0,173	FALSE
0,026	0,294	0,001	0,013	0,040	FALSE
0,253	0,264	0,013	0,016	0,382	FALSE
-0,040	0,291	-0,001	0,014	0,015	FALSE
-0,016	0,284	0,000	0,014	0,006	FALSE
-0,019	0,284	0,002	0,017	0,051	FALSE
-0,197	0,284	-0,006	0,010	0,269	FALSE
-0,053	0,294	-0,001	0,009	0,054	FALSE

-0,166	0,272	-0,005	0,008	0,245	FALSE
0,058	0,287	0,002	0,016	0,049	FALSE
0,083	0,294	0,004	0,016	0,097	FALSE
-0,004	0,305	0,000	0,017	0,003	FALSE
0,056	0,281	0,001	0,010	0,030	FALSE
0,044	0,287	0,000	0,010	0,010	FALSE
-0,066	0,279	-0,005	0,018	0,118	FALSE
0,076	0,285	0,002	0,011	0,085	FALSE
-0,006	0,276	0,001	0,012	0,037	FALSE
0,124	0,277	0,006	0,012	0,187	FALSE
0,074	0,281	0,004	0,009	0,154	FALSE
-0,033	0,271	-0,001	0,008	0,024	FALSE
-0,078	0,288	-0,002	0,011	0,059	FALSE
-0,009	0,287	0,002	0,015	0,038	FALSE
-0,018	0,300	0,000	0,016	0,009	FALSE
-0,063	0,298	-0,004	0,015	0,106	FALSE
0,178	0,276	0,005	0,009	0,242	FALSE
-0,121	0,285	-0,004	0,009	0,189	FALSE
-0,006	0,284	0,001	0,009	0,051	FALSE
0,193	0,276	0,007	0,010	0,291	FALSE
-0,113	0,280	-0,006	0,016	0,152	FALSE
0,145	0,277	0,005	0,011	0,196	FALSE
0,084	0,277	0,003	0,012	0,098	FALSE
-0,048	0,289	-0,004	0,015	0,109	FALSE
0,028	0,276	0,000	0,008	0,020	FALSE
0,100	0,274	0,005	0,017	0,124	FALSE
-0,029	0,290	-0,003	0,012	0,092	FALSE
-0,029	0,269	0,001	0,017	0,015	FALSE
0,203	0,264	0,010	0,014	0,343	FALSE
0,103	0,282	0,004	0,015	0,120	FALSE
0,096	0,284	0,003	0,010	0,125	FALSE
0,096	0,277	0,005	0,016	0,131	FALSE
0,088	0,274	0,003	0,010	0,119	FALSE
0,172	0,273	0,007	0,014	0,219	FALSE
0,126	0,277	0,006	0,017	0,149	FALSE
-0,040	0,287	-0,002	0,009	0,074	FALSE
-0,063	0,280	-0,002	0,008	0,080	FALSE
-0,079	0,291	-0,003	0,018	0,071	FALSE
-0,115	0,273	-0,004	0,011	0,129	FALSE
0,035	0,285	0,004	0,017	0,094	FALSE
0,053	0,277	0,003	0,015	0,071	FALSE
-0,007	0,294	-0,002	0,015	0,046	FALSE
-0,021	0,289	-0,002	0,014	0,049	FALSE
-0,175	0,287	-0,006	0,014	0,176	FALSE
0,105	0,272	0,005	0,015	0,133	FALSE
0,046	0,281	0,002	0,010	0,062	FALSE
-0,049	0,299	-0,003	0,013	0,094	FALSE
-0,073	0,269	-0,005	0,012	0,148	FALSE
0,183	0,281	0,005	0,010	0,215	FALSE
0,038	0,294	0,000	0,009	0,007	FALSE
0,033	0,278	0,001	0,010	0,039	FALSE
0,198	0,279	0,005	0,010	0,214	FALSE
0,067	0,298	0,002	0,013	0,044	FALSE

-0,057	0,285	-0,001	0,012	0,017	FALSE
0,078	0,284	0,003	0,015	0,084	FALSE
-0,076	0,278	-0,003	0,013	0,078	FALSE
-0,059	0,290	-0,001	0,011	0,030	FALSE
0,032	0,293	0,003	0,009	0,119	FALSE
0,132	0,281	0,007	0,016	0,174	FALSE
0,005	0,299	0,000	0,010	0,005	FALSE
0,101	0,280	0,009	0,017	0,223	FALSE
0,144	0,269	0,010	0,017	0,245	FALSE
0,055	0,283	0,006	0,017	0,142	FALSE
-0,073	0,291	-0,002	0,012	0,052	FALSE
-0,031	0,284	-0,003	0,014	0,073	FALSE
-0,048	0,290	-0,002	0,013	0,055	FALSE
0,011	0,283	0,005	0,017	0,107	FALSE
-0,127	0,280	-0,004	0,012	0,141	FALSE
0,174	0,268	0,009	0,016	0,238	FALSE
-0,029	0,295	-0,002	0,009	0,072	FALSE
0,019	0,282	-0,001	0,011	0,019	FALSE
-0,086	0,266	-0,005	0,015	0,119	FALSE
-0,033	0,297	0,000	0,009	0,010	FALSE
0,079	0,283	0,004	0,017	0,085	FALSE
-0,035	0,287	-0,001	0,009	0,049	FALSE
-0,014	0,281	0,001	0,016	0,021	FALSE
0,190	0,274	0,007	0,012	0,253	FALSE
0,183	0,269	0,006	0,012	0,208	FALSE
-0,012	0,286	0,000	0,011	0,005	FALSE
-0,078	0,291	-0,008	0,018	0,197	FALSE
0,009	0,305	0,000	0,012	0,008	FALSE
-0,076	0,287	-0,003	0,010	0,129	FALSE
0,094	0,279	0,004	0,010	0,172	FALSE
-0,124	0,276	-0,006	0,012	0,189	FALSE
0,166	0,287	0,006	0,010	0,256	FALSE
0,065	0,291	0,002	0,010	0,071	FALSE
0,123	0,283	0,007	0,012	0,254	FALSE
0,015	0,279	0,003	0,015	0,069	FALSE
0,082	0,295	0,003	0,009	0,107	FALSE
-0,003	0,293	-0,002	0,013	0,047	FALSE
-0,171	0,271	-0,010	0,015	0,306	FALSE
0,168	0,249	0,005	0,008	0,292	FALSE
0,043	0,277	0,001	0,011	0,037	FALSE
-0,068	0,278	-0,003	0,009	0,106	FALSE
-0,090	0,278	-0,004	0,009	0,206	FALSE
0,145	0,293	0,010	0,017	0,253	FALSE
0,138	0,286	0,008	0,017	0,188	FALSE
0,082	0,279	0,003	0,014	0,090	FALSE
-0,112	0,285	-0,004	0,010	0,145	FALSE
0,210	0,259	0,007	0,014	0,206	FALSE
0,185	0,252	0,010	0,017	0,240	FALSE
-0,190	0,284	-0,005	0,009	0,229	FALSE
0,232	0,254	0,013	0,017	0,345	FALSE
-0,065	0,290	-0,002	0,016	0,040	FALSE
0,014	0,276	0,002	0,015	0,053	FALSE
0,061	0,294	0,002	0,009	0,062	FALSE

-0,259	0,268	-0,015	0,016	0,453	FALSE
0,003	0,292	0,000	0,010	0,013	FALSE
0,173	0,274	0,005	0,011	0,208	FALSE
0,062	0,278	0,002	0,010	0,092	FALSE
0,091	0,277	0,005	0,012	0,156	FALSE
0,141	0,263	0,005	0,010	0,188	FALSE
-0,014	0,277	-0,001	0,009	0,057	FALSE
-0,113	0,271	-0,005	0,017	0,113	FALSE
-0,101	0,272	-0,005	0,010	0,203	FALSE
0,016	0,292	0,000	0,008	0,001	FALSE
-0,032	0,288	-0,001	0,010	0,038	FALSE
0,034	0,271	0,001	0,016	0,016	FALSE
0,066	0,279	0,002	0,012	0,075	FALSE
0,074	0,299	0,003	0,011	0,096	FALSE
0,216	0,260	0,011	0,017	0,291	FALSE
-0,019	0,279	0,000	0,015	0,010	FALSE
-0,104	0,274	-0,006	0,015	0,160	FALSE
-0,178	0,287	-0,008	0,013	0,245	FALSE
-0,020	0,288	-0,002	0,012	0,047	FALSE
-0,077	0,282	-0,002	0,014	0,063	FALSE
0,090	0,289	0,004	0,009	0,153	FALSE
0,113	0,274	0,004	0,011	0,161	FALSE
0,127	0,279	0,005	0,011	0,163	FALSE
-0,188	0,282	-0,006	0,010	0,260	FALSE
-0,011	0,288	-0,001	0,012	0,032	FALSE
-0,075	0,288	-0,002	0,016	0,052	FALSE
0,058	0,294	0,001	0,012	0,038	FALSE
-0,135	0,271	-0,005	0,016	0,133	FALSE
0,020	0,281	0,000	0,010	0,018	FALSE
-0,050	0,280	-0,003	0,009	0,113	FALSE
-0,032	0,283	0,001	0,014	0,025	FALSE
0,026	0,291	0,003	0,014	0,086	FALSE
-0,013	0,286	0,000	0,013	0,005	FALSE
0,014	0,297	0,001	0,017	0,032	FALSE
0,027	0,299	0,001	0,014	0,015	FALSE
-0,094	0,288	-0,002	0,009	0,065	FALSE
-0,011	0,288	0,001	0,010	0,048	FALSE
0,016	0,279	0,002	0,010	0,086	FALSE
0,008	0,291	0,002	0,013	0,057	FALSE
-0,234	0,279	-0,012	0,016	0,347	FALSE
-0,197	0,290	-0,011	0,018	0,269	FALSE
0,178	0,277	0,007	0,017	0,176	FALSE
0,174	0,265	0,008	0,016	0,202	FALSE
0,137	0,282	0,009	0,017	0,223	FALSE
0,118	0,297	0,006	0,013	0,202	FALSE
-0,132	0,264	-0,004	0,009	0,174	FALSE
-0,132	0,275	-0,007	0,017	0,164	FALSE
0,030	0,280	0,002	0,014	0,059	FALSE
0,021	0,278	0,003	0,015	0,066	FALSE
0,021	0,277	0,002	0,015	0,059	FALSE
-0,011	0,284	0,001	0,013	0,018	FALSE
0,047	0,293	0,003	0,016	0,063	FALSE
0,124	0,275	0,003	0,011	0,123	FALSE

0,115	0,287	0,005	0,012	0,155	FALSE
-0,005	0,287	0,002	0,014	0,043	FALSE
0,042	0,271	0,000	0,013	0,012	FALSE
0,183	0,285	0,006	0,012	0,217	FALSE
-0,076	0,283	-0,002	0,014	0,040	FALSE
-0,022	0,284	0,001	0,012	0,017	FALSE
0,122	0,285	0,006	0,011	0,245	FALSE
0,074	0,282	0,001	0,014	0,036	FALSE
0,064	0,291	0,001	0,015	0,013	FALSE
0,006	0,277	0,001	0,010	0,024	FALSE
0,187	0,279	0,006	0,011	0,228	FALSE
0,006	0,294	0,001	0,016	0,014	FALSE
0,013	0,289	0,001	0,011	0,017	FALSE
0,056	0,289	0,002	0,010	0,063	FALSE
-0,010	0,285	0,001	0,016	0,019	FALSE
-0,007	0,292	0,001	0,016	0,030	FALSE
0,035	0,298	0,003	0,016	0,080	FALSE
0,075	0,290	0,006	0,016	0,145	FALSE
0,063	0,299	0,005	0,016	0,116	FALSE
-0,024	0,283	0,000	0,016	0,007	FALSE
-0,094	0,287	-0,003	0,014	0,069	FALSE
0,092	0,294	0,006	0,011	0,218	FALSE
-0,091	0,287	-0,002	0,009	0,077	FALSE
-0,028	0,281	-0,003	0,013	0,082	FALSE
-0,128	0,270	-0,003	0,012	0,099	FALSE
-0,118	0,272	-0,002	0,012	0,059	FALSE
0,021	0,276	0,000	0,013	0,007	FALSE
-0,048	0,257	0,000	0,017	0,003	FALSE
-0,083	0,287	-0,005	0,011	0,173	FALSE
-0,010	0,264	-0,001	0,017	0,028	FALSE
-0,067	0,284	-0,005	0,016	0,126	FALSE
-0,177	0,262	-0,010	0,016	0,256	FALSE
-0,105	0,268	-0,004	0,012	0,133	FALSE
-0,033	0,281	-0,003	0,018	0,071	FALSE
0,165	0,284	0,007	0,013	0,213	FALSE
0,069	0,285	0,002	0,009	0,070	FALSE
0,132	0,279	0,005	0,017	0,120	FALSE
0,006	0,283	-0,001	0,016	0,026	FALSE
-0,019	0,280	-0,002	0,017	0,043	FALSE
-0,019	0,286	-0,001	0,015	0,026	FALSE
-0,043	0,297	-0,002	0,015	0,059	FALSE
-0,028	0,296	-0,001	0,015	0,034	FALSE
0,244	0,275	0,008	0,011	0,345	FALSE
-0,063	0,290	-0,002	0,010	0,074	FALSE
-0,149	0,292	-0,009	0,017	0,206	FALSE
0,005	0,271	0,000	0,008	0,000	FALSE
0,033	0,287	0,001	0,012	0,039	FALSE
0,005	0,280	0,000	0,012	0,011	FALSE
0,148	0,281	0,004	0,009	0,208	FALSE
-0,048	0,290	-0,006	0,017	0,131	FALSE
-0,115	0,285	-0,003	0,009	0,146	FALSE
-0,091	0,283	-0,002	0,008	0,114	FALSE
0,087	0,291	0,006	0,016	0,155	FALSE

0,087	0,298	0,006	0,016	0,157	FALSE
-0,084	0,281	-0,004	0,014	0,097	FALSE
-0,020	0,287	-0,002	0,009	0,071	FALSE
-0,172	0,273	-0,006	0,009	0,274	FALSE
0,057	0,306	0,003	0,014	0,083	FALSE
0,061	0,283	0,004	0,015	0,116	FALSE
-0,189	0,278	-0,007	0,010	0,299	FALSE
0,021	0,286	0,003	0,018	0,067	FALSE
0,016	0,299	0,001	0,011	0,045	FALSE
0,017	0,303	0,001	0,011	0,034	FALSE
0,059	0,305	0,005	0,017	0,106	FALSE
0,122	0,281	0,006	0,013	0,199	FALSE
0,073	0,295	0,004	0,013	0,117	FALSE
-0,041	0,280	-0,002	0,011	0,070	FALSE
0,014	0,280	0,000	0,013	0,002	FALSE
0,111	0,280	0,007	0,015	0,209	FALSE
0,002	0,284	-0,003	0,017	0,064	FALSE
-0,137	0,277	-0,003	0,009	0,125	FALSE
0,089	0,281	0,004	0,014	0,111	FALSE
0,071	0,300	0,005	0,016	0,109	FALSE
0,082	0,299	0,005	0,017	0,113	FALSE
0,007	0,283	0,001	0,012	0,032	FALSE
0,071	0,288	0,005	0,018	0,109	FALSE
0,038	0,284	0,003	0,014	0,074	FALSE
0,078	0,281	0,004	0,018	0,081	FALSE
0,078	0,279	0,003	0,017	0,059	FALSE
0,049	0,276	0,001	0,017	0,025	FALSE
-0,219	0,267	-0,011	0,014	0,358	FALSE
0,182	0,282	0,011	0,018	0,267	FALSE
-0,242	0,280	-0,009	0,012	0,343	FALSE
-0,204	0,289	-0,007	0,012	0,243	FALSE
-0,245	0,272	-0,009	0,012	0,349	FALSE
-0,172	0,281	-0,005	0,011	0,187	FALSE
0,005	0,280	0,000	0,010	0,014	FALSE
0,045	0,296	0,002	0,014	0,042	FALSE
-0,034	0,284	0,000	0,017	0,005	FALSE
0,061	0,297	0,004	0,018	0,098	FALSE
-0,083	0,279	-0,005	0,012	0,155	FALSE
0,002	0,281	-0,001	0,010	0,041	FALSE
0,303	0,253	0,013	0,013	0,521	FALSE
0,030	0,276	0,001	0,011	0,042	FALSE
0,132	0,288	0,006	0,011	0,254	FALSE
0,135	0,284	0,007	0,011	0,274	FALSE
0,066	0,274	0,005	0,017	0,104	FALSE
-0,155	0,280	-0,003	0,009	0,142	FALSE
0,063	0,270	0,002	0,014	0,051	FALSE
-0,054	0,286	-0,004	0,017	0,084	FALSE
-0,210	0,275	-0,010	0,015	0,281	FALSE
0,143	0,273	0,003	0,009	0,124	FALSE
-0,002	0,262	0,000	0,010	0,014	FALSE
0,093	0,286	0,002	0,011	0,079	FALSE
-0,034	0,282	-0,003	0,015	0,089	FALSE
-0,017	0,301	-0,002	0,016	0,057	FALSE

0,002	0,292	-0,001	0,016	0,026	FALSE
-0,012	0,284	0,001	0,014	0,024	FALSE
-0,069	0,276	-0,003	0,012	0,104	FALSE
-0,041	0,284	-0,003	0,014	0,065	FALSE
0,074	0,275	0,004	0,016	0,090	FALSE
0,008	0,276	0,001	0,015	0,036	FALSE
0,021	0,281	-0,001	0,010	0,028	FALSE
-0,086	0,274	-0,003	0,010	0,127	FALSE
-0,082	0,280	-0,005	0,012	0,165	FALSE
-0,179	0,284	-0,006	0,013	0,188	FALSE
0,006	0,279	0,000	0,014	0,006	FALSE
0,054	0,292	0,003	0,018	0,071	FALSE
-0,020	0,291	-0,003	0,016	0,061	FALSE
-0,004	0,284	-0,001	0,015	0,019	FALSE
0,007	0,277	0,000	0,015	0,010	FALSE
-0,011	0,284	0,000	0,015	0,007	FALSE
0,096	0,277	0,002	0,009	0,091	FALSE
-0,063	0,286	-0,001	0,010	0,030	FALSE
-0,081	0,289	-0,004	0,013	0,135	FALSE
0,158	0,272	0,007	0,015	0,200	FALSE
0,143	0,293	0,006	0,016	0,162	FALSE
0,107	0,299	0,004	0,017	0,089	FALSE
0,031	0,291	0,002	0,014	0,042	FALSE
-0,076	0,290	-0,002	0,018	0,037	FALSE
-0,046	0,299	0,001	0,009	0,026	FALSE
-0,129	0,287	-0,004	0,011	0,147	FALSE
0,032	0,295	0,002	0,017	0,046	FALSE
-0,133	0,279	-0,006	0,012	0,190	FALSE
0,065	0,277	0,004	0,009	0,165	FALSE
-0,033	0,290	0,000	0,012	0,004	FALSE
-0,058	0,266	-0,002	0,018	0,044	FALSE
-0,084	0,291	-0,003	0,011	0,089	FALSE
-0,085	0,281	-0,003	0,011	0,110	FALSE
-0,094	0,281	-0,003	0,011	0,094	FALSE
-0,058	0,288	-0,002	0,010	0,066	FALSE
-0,070	0,289	-0,002	0,012	0,048	FALSE
0,041	0,272	0,000	0,011	0,009	FALSE
-0,023	0,280	-0,002	0,012	0,061	FALSE
-0,123	0,265	-0,003	0,015	0,079	FALSE
-0,080	0,276	-0,001	0,014	0,015	FALSE
0,006	0,285	0,000	0,017	0,006	FALSE
-0,011	0,275	-0,002	0,010	0,076	FALSE
-0,255	0,270	-0,017	0,017	0,498	FALSE
-0,079	0,273	-0,005	0,017	0,110	FALSE
0,179	0,286	0,009	0,017	0,233	FALSE
0,127	0,283	0,007	0,016	0,176	FALSE
0,003	0,289	-0,001	0,011	0,029	FALSE
-0,034	0,288	-0,002	0,011	0,061	FALSE
0,147	0,291	0,007	0,013	0,216	FALSE
0,113	0,287	0,006	0,016	0,144	FALSE
0,148	0,277	0,008	0,015	0,222	FALSE
0,121	0,272	0,004	0,010	0,173	FALSE
-0,077	0,285	-0,002	0,015	0,058	FALSE

-0,031	0,292	-0,002	0,010	0,078	FALSE
-0,027	0,285	-0,001	0,010	0,052	FALSE
0,063	0,278	0,002	0,016	0,041	FALSE
-0,056	0,285	-0,004	0,016	0,090	FALSE
-0,093	0,272	-0,004	0,015	0,114	FALSE
0,029	0,300	0,000	0,017	0,000	FALSE
0,029	0,286	0,000	0,018	0,006	FALSE
0,094	0,286	0,005	0,015	0,122	FALSE
-0,140	0,279	-0,010	0,017	0,234	FALSE
-0,009	0,287	0,000	0,015	0,007	FALSE
-0,012	0,280	0,000	0,010	0,011	FALSE
0,057	0,289	0,001	0,013	0,023	FALSE
-0,100	0,287	-0,003	0,009	0,127	FALSE
0,035	0,295	0,002	0,012	0,063	FALSE
-0,130	0,289	-0,004	0,010	0,176	FALSE
-0,077	0,294	-0,002	0,010	0,061	FALSE
-0,084	0,281	-0,002	0,016	0,038	FALSE
0,017	0,292	-0,001	0,012	0,022	FALSE
-0,021	0,297	-0,003	0,017	0,056	FALSE
0,088	0,289	0,004	0,015	0,108	FALSE
-0,156	0,277	-0,006	0,018	0,136	FALSE
-0,150	0,275	-0,004	0,009	0,202	FALSE
-0,009	0,290	0,001	0,010	0,023	FALSE
-0,008	0,295	-0,002	0,018	0,036	FALSE
0,017	0,277	-0,002	0,015	0,040	FALSE
-0,063	0,282	-0,002	0,010	0,060	FALSE
-0,248	0,277	-0,011	0,015	0,317	FALSE
-0,070	0,291	-0,004	0,015	0,110	FALSE
0,027	0,281	0,001	0,013	0,031	FALSE
0,034	0,292	0,002	0,016	0,039	FALSE
0,060	0,294	0,004	0,013	0,111	FALSE
-0,128	0,291	-0,003	0,011	0,089	FALSE
-0,120	0,266	-0,002	0,008	0,075	FALSE
0,069	0,290	0,004	0,013	0,108	FALSE
-0,185	0,287	-0,012	0,017	0,312	FALSE
-0,051	0,282	-0,001	0,008	0,026	FALSE
0,018	0,301	-0,001	0,016	0,015	FALSE
-0,006	0,287	-0,001	0,017	0,012	FALSE
-0,166	0,297	-0,009	0,018	0,206	FALSE
0,060	0,276	0,002	0,014	0,062	FALSE
-0,142	0,290	-0,007	0,018	0,172	FALSE
-0,076	0,298	-0,004	0,017	0,087	FALSE
0,044	0,293	0,002	0,016	0,055	FALSE
0,170	0,278	0,010	0,015	0,295	FALSE
-0,027	0,295	-0,001	0,018	0,027	FALSE
-0,062	0,279	-0,003	0,016	0,066	FALSE
-0,037	0,286	-0,003	0,017	0,056	FALSE
-0,007	0,285	-0,001	0,017	0,013	FALSE
0,193	0,284	0,011	0,015	0,343	FALSE
-0,018	0,288	0,001	0,011	0,018	FALSE
-0,140	0,274	-0,005	0,009	0,215	FALSE
0,084	0,281	0,001	0,011	0,029	FALSE
-0,148	0,270	-0,006	0,014	0,164	FALSE

0,181	0,294	0,009	0,015	0,255	FALSE
0,033	0,285	0,002	0,011	0,065	FALSE
0,028	0,277	0,001	0,012	0,036	FALSE
-0,132	0,284	-0,007	0,017	0,158	FALSE
-0,131	0,290	-0,007	0,018	0,157	FALSE
0,091	0,285	0,002	0,014	0,058	FALSE
-0,215	0,268	-0,008	0,014	0,234	FALSE
-0,044	0,287	-0,003	0,011	0,092	FALSE
-0,051	0,287	-0,003	0,014	0,091	FALSE
0,026	0,271	0,002	0,011	0,080	FALSE
0,155	0,270	0,006	0,012	0,212	FALSE
0,175	0,258	0,005	0,011	0,202	FALSE
0,032	0,290	0,002	0,009	0,089	FALSE
-0,033	0,284	-0,001	0,017	0,031	FALSE
-0,033	0,284	-0,001	0,017	0,019	FALSE
-0,013	0,290	0,000	0,018	0,000	FALSE
0,040	0,288	0,001	0,010	0,034	FALSE
0,000	0,288	-0,001	0,011	0,040	FALSE
-0,042	0,272	-0,002	0,015	0,044	FALSE
-0,043	0,267	-0,002	0,015	0,046	FALSE
0,019	0,261	0,000	0,013	0,005	FALSE
0,096	0,282	0,005	0,012	0,176	FALSE
-0,134	0,281	-0,005	0,010	0,193	FALSE
-0,047	0,281	-0,003	0,014	0,067	FALSE
0,032	0,271	0,001	0,009	0,056	FALSE
-0,087	0,299	-0,005	0,017	0,107	FALSE
-0,117	0,273	-0,005	0,013	0,161	FALSE
0,042	0,276	0,004	0,017	0,088	FALSE
0,056	0,280	0,002	0,012	0,072	FALSE
0,041	0,272	0,004	0,016	0,093	FALSE
0,066	0,286	0,002	0,012	0,055	FALSE
0,165	0,267	0,006	0,009	0,285	FALSE
-0,063	0,286	-0,003	0,015	0,073	FALSE
-0,110	0,288	-0,004	0,012	0,120	FALSE
-0,007	0,270	0,000	0,009	0,001	FALSE
-0,052	0,286	-0,002	0,013	0,058	FALSE
-0,053	0,279	-0,003	0,016	0,077	FALSE
-0,026	0,289	-0,003	0,018	0,067	FALSE
0,090	0,281	0,004	0,017	0,082	FALSE
0,037	0,281	0,002	0,017	0,044	FALSE
-0,054	0,283	-0,001	0,009	0,023	FALSE
0,044	0,275	0,001	0,017	0,028	FALSE
-0,170	0,280	-0,008	0,012	0,282	FALSE
0,168	0,268	0,007	0,015	0,201	FALSE
0,118	0,285	0,006	0,018	0,137	FALSE
-0,050	0,288	0,000	0,008	0,001	FALSE
0,217	0,273	0,010	0,018	0,256	FALSE
-0,036	0,292	-0,001	0,011	0,026	FALSE
-0,078	0,284	-0,004	0,010	0,137	FALSE
0,083	0,282	0,006	0,017	0,139	FALSE
0,091	0,275	0,006	0,016	0,161	FALSE
0,048	0,277	0,003	0,011	0,094	FALSE
-0,056	0,288	-0,001	0,010	0,035	FALSE

0,088	0,276	0,008	0,016	0,215	FALSE
0,199	0,276	0,008	0,016	0,213	FALSE
0,093	0,267	0,003	0,009	0,151	FALSE
-0,078	0,276	-0,001	0,009	0,045	FALSE
-0,053	0,284	-0,003	0,009	0,113	FALSE
0,065	0,288	0,002	0,014	0,063	FALSE
0,108	0,287	0,004	0,018	0,076	FALSE
-0,005	0,290	-0,002	0,013	0,050	FALSE
-0,047	0,274	0,000	0,015	0,005	FALSE
-0,007	0,284	0,002	0,011	0,053	FALSE
0,099	0,289	0,002	0,012	0,053	FALSE
0,117	0,280	0,003	0,012	0,087	FALSE
-0,101	0,267	-0,009	0,017	0,242	FALSE
0,132	0,276	0,006	0,010	0,249	FALSE
-0,026	0,261	0,000	0,016	0,003	FALSE
-0,033	0,274	-0,003	0,015	0,080	FALSE
-0,127	0,282	-0,004	0,009	0,180	FALSE
-0,130	0,287	-0,004	0,011	0,161	FALSE
0,155	0,280	0,007	0,013	0,238	FALSE
-0,075	0,294	0,000	0,010	0,016	FALSE
0,017	0,283	0,001	0,010	0,031	FALSE
0,004	0,288	0,000	0,009	0,000	FALSE
-0,006	0,289	0,000	0,012	0,008	FALSE
-0,115	0,279	-0,004	0,009	0,181	FALSE
0,042	0,286	0,002	0,016	0,047	FALSE
-0,035	0,282	-0,001	0,018	0,013	FALSE
-0,033	0,288	-0,002	0,012	0,064	FALSE
0,072	0,290	0,004	0,015	0,101	FALSE
-0,154	0,286	-0,004	0,009	0,214	FALSE
-0,153	0,284	-0,006	0,011	0,243	FALSE
-0,184	0,276	-0,007	0,010	0,316	FALSE
-0,188	0,287	-0,008	0,011	0,311	FALSE
-0,202	0,285	-0,007	0,009	0,327	FALSE
-0,052	0,284	0,000	0,009	0,015	FALSE
-0,080	0,276	-0,003	0,009	0,134	FALSE
-0,075	0,287	-0,001	0,009	0,050	FALSE
0,076	0,273	0,002	0,012	0,077	FALSE
0,009	0,278	-0,001	0,011	0,021	FALSE
0,008	0,275	0,000	0,008	0,018	FALSE
0,078	0,291	0,003	0,010	0,103	FALSE
0,060	0,285	0,002	0,010	0,057	FALSE
0,093	0,292	0,003	0,013	0,088	FALSE
0,028	0,285	0,001	0,011	0,021	FALSE
0,102	0,286	0,004	0,011	0,141	FALSE
-0,105	0,286	-0,003	0,011	0,093	FALSE
0,168	0,282	0,004	0,011	0,142	FALSE
-0,219	0,272	-0,008	0,012	0,290	FALSE
-0,024	0,286	0,000	0,008	0,005	FALSE
0,064	0,283	0,004	0,014	0,108	FALSE
0,086	0,265	0,002	0,012	0,054	FALSE
0,075	0,289	0,002	0,012	0,055	FALSE
0,160	0,286	0,004	0,009	0,197	FALSE
0,019	0,281	0,000	0,015	0,004	FALSE

-0,028	0,279	-0,001	0,010	0,050	FALSE
-0,032	0,289	-0,001	0,010	0,031	FALSE
0,005	0,296	0,000	0,017	0,002	FALSE
0,052	0,278	0,001	0,010	0,043	FALSE
0,154	0,278	0,007	0,015	0,199	FALSE
0,061	0,289	0,002	0,017	0,054	FALSE
-0,018	0,300	-0,001	0,018	0,028	FALSE
0,050	0,290	0,004	0,017	0,080	FALSE
-0,080	0,283	-0,006	0,017	0,130	FALSE
-0,145	0,292	-0,007	0,015	0,213	FALSE
0,046	0,282	0,002	0,010	0,071	FALSE
-0,126	0,288	-0,005	0,010	0,208	FALSE
0,134	0,271	0,006	0,015	0,161	FALSE
-0,021	0,294	0,000	0,009	0,009	FALSE
-0,065	0,292	-0,003	0,010	0,106	FALSE
0,098	0,277	0,004	0,011	0,146	FALSE
-0,094	0,303	-0,001	0,010	0,031	FALSE
-0,042	0,272	-0,002	0,010	0,079	FALSE
0,030	0,273	0,001	0,017	0,012	FALSE
-0,001	0,275	0,000	0,017	0,005	FALSE
-0,170	0,280	-0,010	0,016	0,252	FALSE
-0,144	0,288	-0,006	0,016	0,155	FALSE
-0,010	0,266	-0,001	0,010	0,022	FALSE
0,167	0,285	0,004	0,009	0,185	FALSE
-0,019	0,290	-0,003	0,014	0,085	FALSE
-0,029	0,290	-0,002	0,010	0,059	FALSE
-0,011	0,270	-0,002	0,013	0,049	FALSE
0,001	0,295	0,000	0,013	0,001	FALSE
-0,134	0,271	-0,005	0,009	0,240	FALSE
0,158	0,283	0,007	0,012	0,247	FALSE
0,120	0,278	0,004	0,009	0,166	FALSE
-0,018	0,295	-0,002	0,018	0,038	FALSE
0,075	0,282	0,002	0,017	0,047	FALSE
0,042	0,292	0,001	0,009	0,056	FALSE
0,046	0,296	0,000	0,018	0,008	FALSE
0,014	0,281	-0,001	0,017	0,013	FALSE
-0,052	0,278	-0,003	0,009	0,130	FALSE
-0,091	0,280	-0,004	0,017	0,098	FALSE
-0,047	0,271	-0,004	0,012	0,126	FALSE
-0,069	0,273	-0,003	0,016	0,066	FALSE
0,077	0,271	0,002	0,013	0,049	FALSE
0,115	0,275	0,004	0,013	0,112	FALSE
0,163	0,271	0,009	0,016	0,253	FALSE
0,120	0,280	0,002	0,009	0,088	FALSE
-0,050	0,292	0,000	0,011	0,010	FALSE
-0,076	0,280	-0,001	0,010	0,034	FALSE
-0,073	0,281	-0,001	0,010	0,044	FALSE
-0,201	0,289	-0,005	0,010	0,224	FALSE
-0,032	0,298	-0,002	0,013	0,060	FALSE
0,089	0,290	0,005	0,016	0,108	FALSE
0,153	0,279	0,004	0,009	0,180	FALSE
-0,175	0,275	-0,008	0,017	0,188	FALSE
-0,038	0,287	-0,003	0,016	0,079	FALSE

-0,008	0,283	-0,001	0,016	0,016	FALSE
0,235	0,266	0,010	0,013	0,336	FALSE
0,210	0,280	0,010	0,018	0,248	FALSE
-0,008	0,302	-0,001	0,017	0,014	FALSE
-0,100	0,299	-0,005	0,017	0,117	FALSE
-0,135	0,297	-0,005	0,010	0,183	FALSE
-0,200	0,284	-0,009	0,016	0,243	FALSE
0,049	0,294	0,001	0,018	0,018	FALSE
0,026	0,274	-0,001	0,011	0,044	FALSE
-0,022	0,281	-0,002	0,010	0,069	FALSE
0,180	0,291	0,005	0,010	0,185	FALSE
-0,188	0,269	-0,007	0,011	0,268	FALSE
0,154	0,277	0,008	0,013	0,268	FALSE
-0,068	0,287	-0,002	0,010	0,067	FALSE
0,004	0,286	0,004	0,015	0,089	FALSE
-0,038	0,284	0,000	0,015	0,004	FALSE
0,055	0,288	0,003	0,012	0,079	FALSE
-0,022	0,281	-0,002	0,011	0,052	FALSE
0,012	0,281	0,001	0,010	0,022	FALSE
0,126	0,282	0,006	0,014	0,159	FALSE
0,084	0,277	0,002	0,018	0,041	FALSE
0,038	0,286	-0,001	0,012	0,032	FALSE
-0,109	0,290	-0,010	0,018	0,223	FALSE
0,077	0,270	0,001	0,009	0,061	FALSE
-0,189	0,285	-0,005	0,009	0,245	FALSE
-0,053	0,272	-0,003	0,013	0,081	FALSE
-0,187	0,283	-0,007	0,011	0,260	FALSE
0,209	0,274	0,011	0,017	0,296	FALSE
-0,213	0,285	-0,006	0,009	0,282	FALSE
-0,058	0,288	0,000	0,009	0,002	FALSE
0,093	0,272	0,002	0,017	0,049	FALSE
-0,012	0,287	0,000	0,009	0,003	FALSE
-0,132	0,282	-0,005	0,010	0,205	FALSE
-0,258	0,272	-0,008	0,009	0,383	FALSE
0,158	0,283	0,009	0,014	0,274	FALSE
-0,234	0,289	-0,007	0,010	0,321	FALSE
-0,270	0,289	-0,008	0,010	0,378	FALSE
-0,239	0,281	-0,007	0,010	0,345	FALSE
0,149	0,266	0,005	0,011	0,188	FALSE
0,082	0,274	0,001	0,010	0,046	FALSE
-0,052	0,302	-0,001	0,018	0,026	FALSE
0,147	0,283	0,004	0,011	0,133	FALSE
0,124	0,277	0,003	0,010	0,101	FALSE
0,014	0,290	0,002	0,012	0,058	FALSE
0,035	0,283	0,004	0,015	0,097	FALSE
-0,089	0,275	-0,002	0,010	0,096	FALSE
0,160	0,280	0,008	0,018	0,178	FALSE
0,183	0,278	0,009	0,015	0,261	FALSE
-0,116	0,270	-0,007	0,015	0,180	FALSE
0,016	0,285	0,001	0,013	0,028	FALSE
-0,155	0,278	-0,009	0,016	0,256	FALSE
0,022	0,283	-0,001	0,010	0,039	FALSE
0,017	0,278	0,000	0,016	0,005	FALSE

-0,030	0,280	-0,001	0,014	0,024	FALSE
-0,073	0,277	-0,002	0,010	0,087	FALSE
0,124	0,271	0,003	0,009	0,144	FALSE
0,158	0,300	0,006	0,012	0,195	FALSE
0,004	0,290	0,001	0,009	0,031	FALSE
-0,036	0,278	-0,002	0,014	0,052	FALSE
0,008	0,295	0,000	0,017	0,006	FALSE
-0,204	0,275	-0,007	0,010	0,343	FALSE
-0,041	0,274	-0,001	0,016	0,018	FALSE
0,105	0,293	0,005	0,017	0,110	FALSE
-0,087	0,278	-0,005	0,016	0,111	FALSE
0,015	0,293	0,000	0,011	0,013	FALSE
0,074	0,283	0,001	0,011	0,045	FALSE
0,032	0,285	0,000	0,011	0,009	FALSE
0,044	0,269	0,000	0,015	0,007	FALSE
0,197	0,262	0,007	0,012	0,275	FALSE
0,041	0,277	0,000	0,009	0,009	FALSE
0,060	0,276	0,001	0,013	0,020	FALSE
-0,004	0,287	0,000	0,018	0,004	FALSE
-0,055	0,269	0,000	0,015	0,010	FALSE
0,032	0,268	0,000	0,010	0,006	FALSE
-0,145	0,289	-0,008	0,017	0,191	FALSE
0,028	0,282	0,000	0,009	0,007	FALSE
0,015	0,279	0,000	0,009	0,004	FALSE
-0,104	0,292	-0,002	0,009	0,090	FALSE
-0,059	0,283	-0,002	0,012	0,047	FALSE
-0,193	0,284	-0,006	0,012	0,205	FALSE
-0,058	0,289	-0,001	0,009	0,034	FALSE
0,012	0,279	-0,001	0,016	0,026	FALSE
0,127	0,293	0,007	0,015	0,200	FALSE
0,206	0,269	0,007	0,012	0,263	FALSE
0,034	0,294	0,003	0,014	0,066	FALSE
0,128	0,287	0,008	0,015	0,213	FALSE
0,095	0,275	0,002	0,013	0,062	FALSE
-0,169	0,290	-0,006	0,010	0,270	FALSE
-0,046	0,279	0,000	0,015	0,005	FALSE
-0,028	0,286	-0,003	0,013	0,083	FALSE
-0,039	0,291	-0,003	0,014	0,078	FALSE
0,193	0,269	0,012	0,014	0,375	FALSE
0,139	0,249	0,013	0,017	0,361	FALSE
-0,015	0,291	0,002	0,013	0,055	FALSE
-0,142	0,278	-0,006	0,015	0,150	FALSE
0,220	0,273	0,005	0,009	0,215	FALSE
0,131	0,262	0,003	0,011	0,098	FALSE
-0,024	0,284	-0,001	0,010	0,034	FALSE
-0,003	0,298	-0,001	0,008	0,045	FALSE
0,017	0,279	-0,001	0,017	0,022	FALSE
0,135	0,301	0,007	0,016	0,195	FALSE
0,016	0,282	0,000	0,009	0,009	FALSE
-0,024	0,292	0,000	0,012	0,002	FALSE
-0,222	0,272	-0,006	0,009	0,300	FALSE
-0,095	0,292	-0,005	0,011	0,177	FALSE
0,164	0,279	0,008	0,014	0,233	FALSE

0,167	0,286	0,011	0,018	0,263	FALSE
-0,077	0,290	-0,003	0,014	0,074	FALSE
-0,046	0,285	-0,002	0,009	0,062	FALSE
-0,102	0,283	-0,004	0,010	0,157	FALSE
-0,053	0,278	-0,001	0,012	0,045	FALSE
0,007	0,281	-0,002	0,016	0,045	FALSE
0,075	0,289	0,003	0,012	0,096	FALSE
0,196	0,282	0,009	0,016	0,237	FALSE
0,032	0,282	0,001	0,015	0,016	FALSE
-0,168	0,286	-0,007	0,013	0,219	FALSE
-0,012	0,278	-0,001	0,017	0,028	FALSE
0,073	0,278	0,002	0,010	0,077	FALSE
-0,065	0,285	-0,004	0,017	0,087	FALSE
0,188	0,274	0,005	0,009	0,240	FALSE
-0,137	0,296	-0,007	0,018	0,150	FALSE
0,044	0,282	0,002	0,010	0,065	FALSE
-0,058	0,286	-0,001	0,011	0,041	FALSE
0,029	0,286	0,003	0,013	0,081	FALSE
0,037	0,289	0,001	0,015	0,027	FALSE
-0,032	0,294	-0,001	0,014	0,035	FALSE
-0,064	0,288	-0,003	0,013	0,087	FALSE
0,169	0,272	0,007	0,010	0,317	FALSE
0,014	0,286	0,001	0,018	0,021	FALSE
0,039	0,283	0,000	0,010	0,011	FALSE
-0,117	0,283	-0,007	0,016	0,189	FALSE
-0,134	0,288	-0,008	0,017	0,179	FALSE
-0,012	0,294	0,001	0,017	0,029	FALSE
0,088	0,278	0,002	0,013	0,067	FALSE
-0,046	0,288	-0,001	0,009	0,040	FALSE
0,015	0,276	0,002	0,013	0,063	FALSE
0,006	0,278	0,000	0,011	0,005	FALSE
-0,015	0,292	0,001	0,017	0,022	FALSE
0,039	0,272	0,001	0,009	0,025	FALSE
0,086	0,278	0,007	0,014	0,203	FALSE
0,072	0,285	0,003	0,016	0,069	FALSE
0,060	0,296	0,002	0,014	0,065	FALSE
0,120	0,274	0,006	0,011	0,221	FALSE
-0,057	0,290	-0,003	0,014	0,098	FALSE
-0,106	0,281	-0,004	0,013	0,135	FALSE
0,064	0,291	0,002	0,013	0,061	FALSE
0,015	0,290	0,001	0,009	0,021	FALSE
-0,013	0,291	-0,001	0,017	0,013	FALSE
0,116	0,281	0,004	0,009	0,200	FALSE
0,084	0,271	0,000	0,009	0,018	FALSE
0,017	0,267	-0,001	0,011	0,044	FALSE
0,080	0,260	0,006	0,012	0,198	FALSE
0,013	0,273	-0,002	0,017	0,039	FALSE
0,098	0,277	0,002	0,016	0,051	FALSE
-0,011	0,271	-0,001	0,008	0,028	FALSE
-0,083	0,292	-0,002	0,014	0,049	FALSE
-0,108	0,290	-0,002	0,014	0,059	FALSE
-0,068	0,287	-0,002	0,015	0,039	FALSE
-0,073	0,281	-0,003	0,016	0,079	FALSE

0,056	0,298	0,005	0,017	0,108	FALSE
0,138	0,290	0,005	0,012	0,184	FALSE
-0,122	0,271	-0,006	0,013	0,201	FALSE
-0,011	0,285	-0,001	0,012	0,045	FALSE
0,130	0,277	0,005	0,009	0,236	FALSE
-0,090	0,276	-0,004	0,012	0,125	FALSE
-0,017	0,277	-0,003	0,016	0,083	FALSE
0,172	0,267	0,009	0,014	0,269	FALSE
-0,165	0,271	-0,009	0,014	0,266	FALSE
0,114	0,275	0,005	0,014	0,149	FALSE
-0,008	0,280	0,000	0,015	0,001	FALSE
0,144	0,277	0,005	0,010	0,230	FALSE
0,038	0,296	0,001	0,016	0,026	FALSE
0,048	0,282	0,001	0,013	0,014	FALSE
0,049	0,280	0,003	0,017	0,066	FALSE
0,012	0,275	0,000	0,017	0,007	FALSE
0,185	0,271	0,006	0,010	0,270	FALSE
-0,055	0,274	-0,004	0,012	0,131	FALSE
0,034	0,286	0,002	0,017	0,034	FALSE
-0,029	0,278	-0,003	0,016	0,073	FALSE
0,132	0,283	0,005	0,014	0,140	FALSE
-0,059	0,282	-0,001	0,011	0,046	FALSE
-0,017	0,287	0,000	0,011	0,007	FALSE
-0,062	0,284	-0,004	0,014	0,112	FALSE
-0,021	0,291	-0,003	0,014	0,086	FALSE
-0,019	0,295	-0,003	0,014	0,073	FALSE
0,008	0,298	-0,002	0,019	0,031	FALSE
0,035	0,295	0,002	0,017	0,032	FALSE
0,009	0,281	0,000	0,016	0,010	FALSE
0,151	0,282	0,004	0,010	0,176	FALSE
-0,138	0,296	-0,006	0,015	0,148	FALSE
-0,116	0,284	-0,005	0,016	0,114	FALSE
-0,196	0,283	-0,007	0,011	0,273	FALSE
0,085	0,267	0,001	0,009	0,026	FALSE
0,203	0,262	0,006	0,012	0,214	FALSE
0,200	0,285	0,006	0,012	0,210	FALSE
0,151	0,280	0,005	0,012	0,155	FALSE
0,171	0,285	0,010	0,017	0,243	FALSE
0,097	0,282	0,005	0,016	0,110	FALSE
0,015	0,276	0,002	0,016	0,034	FALSE
-0,100	0,284	-0,003	0,010	0,116	FALSE
0,075	0,286	0,002	0,011	0,055	FALSE
-0,103	0,283	-0,003	0,012	0,094	FALSE
-0,060	0,272	-0,005	0,013	0,163	FALSE
-0,019	0,273	0,000	0,011	0,004	FALSE
0,046	0,282	0,002	0,010	0,065	FALSE
-0,042	0,286	-0,001	0,010	0,018	FALSE
0,061	0,285	0,004	0,014	0,122	FALSE
0,062	0,290	0,004	0,014	0,107	FALSE
-0,028	0,282	-0,002	0,010	0,061	FALSE
-0,153	0,277	-0,005	0,010	0,208	FALSE
0,136	0,287	0,004	0,011	0,131	FALSE
-0,003	0,293	0,001	0,012	0,031	FALSE

-0,027	0,276	-0,002	0,016	0,036	FALSE
0,077	0,297	0,004	0,016	0,095	FALSE
0,069	0,277	0,001	0,011	0,025	FALSE
0,070	0,285	0,003	0,014	0,083	FALSE
0,009	0,275	0,000	0,014	0,004	FALSE
0,115	0,285	0,007	0,017	0,174	FALSE
0,100	0,293	0,006	0,017	0,153	FALSE
0,043	0,282	0,002	0,013	0,069	FALSE
-0,247	0,269	-0,014	0,016	0,415	FALSE
0,047	0,280	0,002	0,013	0,046	FALSE
0,110	0,270	0,003	0,010	0,124	FALSE
0,065	0,285	0,001	0,016	0,026	FALSE
-0,043	0,270	-0,002	0,016	0,051	FALSE
0,034	0,291	0,001	0,018	0,026	FALSE
0,013	0,283	-0,001	0,015	0,016	FALSE
0,001	0,281	-0,001	0,014	0,032	FALSE
0,015	0,282	-0,001	0,014	0,018	FALSE
-0,048	0,280	0,001	0,017	0,012	FALSE
0,043	0,271	0,004	0,014	0,095	FALSE
0,053	0,279	0,002	0,018	0,048	FALSE
0,086	0,283	0,003	0,016	0,070	FALSE
-0,108	0,274	-0,006	0,011	0,204	FALSE
-0,092	0,294	-0,006	0,018	0,144	FALSE
-0,067	0,287	-0,005	0,017	0,106	FALSE
0,059	0,285	0,001	0,009	0,044	FALSE
0,087	0,271	0,003	0,014	0,087	FALSE
-0,164	0,276	-0,005	0,010	0,209	FALSE
0,075	0,281	0,003	0,014	0,079	FALSE
0,062	0,281	0,001	0,011	0,036	FALSE
-0,199	0,282	-0,007	0,009	0,319	FALSE
-0,065	0,276	-0,001	0,010	0,044	FALSE
0,245	0,260	0,006	0,009	0,297	FALSE
0,049	0,282	0,000	0,009	0,000	FALSE
0,042	0,284	0,001	0,013	0,037	FALSE
-0,049	0,286	-0,004	0,017	0,078	FALSE
0,038	0,290	0,002	0,013	0,049	FALSE
0,100	0,279	0,003	0,011	0,122	FALSE
0,126	0,283	0,004	0,010	0,138	FALSE
-0,017	0,272	-0,001	0,009	0,023	FALSE
-0,001	0,284	0,000	0,013	0,011	FALSE
0,000	0,284	0,000	0,013	0,010	FALSE
0,013	0,286	0,000	0,012	0,003	FALSE
0,051	0,271	0,001	0,013	0,030	FALSE
-0,015	0,283	-0,003	0,018	0,068	FALSE
0,047	0,281	0,001	0,012	0,030	FALSE
0,103	0,287	0,006	0,011	0,220	FALSE
0,088	0,292	0,004	0,014	0,108	FALSE
0,007	0,291	0,000	0,010	0,014	FALSE
-0,186	0,267	-0,008	0,010	0,352	FALSE
0,266	0,265	0,013	0,015	0,412	FALSE
0,142	0,281	0,006	0,013	0,184	FALSE
-0,111	0,288	-0,007	0,017	0,158	FALSE
-0,052	0,286	-0,002	0,017	0,046	FALSE

0,020	0,285	0,000	0,014	0,012	FALSE
0,244	0,287	0,013	0,018	0,344	FALSE
-0,150	0,282	-0,007	0,011	0,256	FALSE
0,008	0,304	0,000	0,015	0,004	FALSE
0,141	0,264	0,005	0,011	0,171	FALSE
0,056	0,296	0,002	0,011	0,081	FALSE
0,014	0,301	0,001	0,018	0,023	FALSE
-0,082	0,276	-0,006	0,018	0,135	FALSE
0,019	0,273	0,000	0,017	0,004	FALSE
0,023	0,276	0,000	0,017	0,009	FALSE
-0,030	0,287	-0,003	0,014	0,078	FALSE
-0,111	0,255	-0,004	0,011	0,142	FALSE
0,124	0,252	0,004	0,014	0,111	FALSE
-0,086	0,282	-0,004	0,012	0,140	FALSE
0,000	0,283	0,000	0,011	0,012	FALSE
0,154	0,280	0,007	0,015	0,175	FALSE
0,035	0,294	0,002	0,014	0,054	FALSE
-0,209	0,280	-0,006	0,010	0,262	FALSE
-0,040	0,277	-0,003	0,017	0,057	FALSE
-0,099	0,282	-0,004	0,013	0,124	FALSE
-0,091	0,270	-0,003	0,012	0,079	FALSE
0,248	0,258	0,011	0,012	0,424	FALSE
0,016	0,281	0,001	0,016	0,027	FALSE
-0,092	0,256	-0,003	0,010	0,103	FALSE
-0,091	0,270	-0,005	0,016	0,113	FALSE
-0,040	0,267	-0,003	0,015	0,082	FALSE
0,092	0,291	0,004	0,011	0,156	FALSE
-0,064	0,273	-0,003	0,013	0,076	FALSE
-0,047	0,282	-0,002	0,016	0,053	FALSE
0,092	0,269	0,003	0,015	0,087	FALSE
-0,037	0,293	-0,002	0,015	0,039	FALSE
-0,114	0,290	-0,003	0,010	0,111	FALSE
-0,017	0,287	-0,001	0,017	0,023	FALSE
0,030	0,289	0,002	0,017	0,049	FALSE
-0,054	0,291	-0,003	0,017	0,062	FALSE
-0,123	0,286	-0,003	0,010	0,138	FALSE
0,025	0,283	0,003	0,017	0,055	FALSE
-0,071	0,287	-0,004	0,017	0,084	FALSE
0,035	0,275	0,002	0,016	0,046	FALSE
0,069	0,294	0,003	0,011	0,107	FALSE
-0,019	0,279	0,000	0,011	0,012	FALSE
0,191	0,268	0,009	0,013	0,340	FALSE
-0,063	0,293	0,000	0,011	0,016	FALSE
0,097	0,294	0,005	0,010	0,186	FALSE
0,224	0,274	0,010	0,013	0,330	FALSE
0,220	0,274	0,005	0,008	0,273	FALSE
0,275	0,256	0,014	0,015	0,476	FALSE
-0,032	0,279	-0,004	0,015	0,097	FALSE
0,202	0,277	0,006	0,010	0,248	FALSE
0,003	0,292	0,000	0,011	0,008	FALSE
-0,008	0,287	0,000	0,010	0,014	FALSE
-0,220	0,268	-0,009	0,015	0,269	FALSE
-0,046	0,291	0,000	0,009	0,013	FALSE

-0,061	0,281	-0,001	0,008	0,051	FALSE
-0,138	0,289	-0,007	0,016	0,183	FALSE
-0,072	0,293	-0,002	0,009	0,081	FALSE
0,099	0,285	0,007	0,017	0,162	FALSE
-0,053	0,298	-0,001	0,010	0,021	FALSE
0,208	0,277	0,011	0,017	0,275	FALSE
-0,001	0,296	0,000	0,009	0,012	FALSE
0,058	0,281	0,002	0,009	0,073	FALSE
-0,056	0,290	-0,001	0,011	0,049	FALSE
0,050	0,282	0,002	0,009	0,085	FALSE
0,130	0,280	0,006	0,013	0,190	FALSE
0,021	0,281	0,000	0,009	0,007	FALSE
0,010	0,284	0,000	0,015	0,007	FALSE
0,018	0,281	-0,001	0,016	0,033	FALSE
0,030	0,271	0,002	0,009	0,066	FALSE
0,110	0,289	0,004	0,010	0,156	FALSE
-0,107	0,268	-0,004	0,011	0,148	FALSE
-0,027	0,278	-0,002	0,011	0,068	FALSE
-0,031	0,293	-0,001	0,010	0,052	FALSE
0,170	0,275	0,005	0,010	0,216	FALSE
-0,296	0,270	-0,019	0,018	0,541	FALSE
-0,188	0,269	-0,009	0,014	0,287	FALSE
-0,205	0,269	-0,013	0,016	0,386	FALSE
0,192	0,284	0,008	0,011	0,344	FALSE
-0,113	0,288	-0,004	0,012	0,117	FALSE
-0,184	0,280	-0,005	0,009	0,246	FALSE
-0,053	0,273	-0,003	0,009	0,110	FALSE
0,017	0,260	0,001	0,011	0,020	FALSE
0,097	0,277	0,003	0,009	0,155	FALSE
-0,090	0,296	-0,004	0,015	0,109	FALSE
-0,039	0,282	-0,002	0,015	0,055	FALSE
0,039	0,278	0,001	0,011	0,045	FALSE
-0,047	0,293	-0,002	0,017	0,041	FALSE
-0,056	0,277	0,000	0,012	0,002	FALSE
-0,097	0,286	-0,001	0,012	0,035	FALSE
0,085	0,282	0,005	0,017	0,104	FALSE
0,097	0,291	0,005	0,017	0,119	FALSE
0,041	0,284	0,002	0,017	0,043	FALSE
-0,005	0,291	0,002	0,012	0,063	FALSE
0,133	0,276	0,008	0,017	0,193	FALSE
-0,150	0,267	-0,010	0,017	0,238	FALSE
-0,054	0,291	-0,001	0,011	0,044	FALSE
-0,013	0,277	-0,001	0,015	0,015	FALSE
0,167	0,276	0,008	0,014	0,267	FALSE
0,221	0,248	0,008	0,014	0,252	FALSE
0,118	0,274	0,004	0,016	0,103	FALSE
-0,002	0,297	0,001	0,016	0,021	FALSE
-0,049	0,259	-0,001	0,017	0,021	FALSE
-0,085	0,270	-0,004	0,017	0,088	FALSE
0,084	0,270	0,001	0,012	0,026	FALSE
-0,084	0,287	-0,004	0,013	0,104	FALSE
-0,030	0,293	0,002	0,011	0,055	FALSE
-0,084	0,294	0,000	0,011	0,007	FALSE

0,097	0,280	0,004	0,014	0,101	FALSE
0,055	0,277	0,007	0,014	0,204	FALSE
-0,030	0,269	-0,002	0,012	0,062	FALSE
-0,069	0,290	-0,004	0,011	0,139	FALSE
-0,046	0,269	-0,001	0,009	0,051	FALSE
-0,012	0,300	-0,002	0,018	0,047	FALSE
0,118	0,260	0,004	0,011	0,161	FALSE
-0,033	0,289	-0,001	0,014	0,029	FALSE
0,009	0,285	-0,001	0,008	0,025	FALSE
0,027	0,295	0,002	0,015	0,057	FALSE
-0,005	0,281	-0,001	0,013	0,020	FALSE
-0,044	0,280	-0,001	0,017	0,029	FALSE
0,240	0,274	0,012	0,014	0,441	FALSE
0,031	0,292	0,003	0,016	0,060	FALSE
0,013	0,279	0,003	0,016	0,068	FALSE
-0,081	0,289	-0,002	0,011	0,051	FALSE
-0,053	0,298	-0,005	0,012	0,148	FALSE
0,087	0,283	0,001	0,009	0,023	FALSE
0,151	0,293	0,010	0,016	0,260	FALSE
-0,078	0,275	-0,001	0,011	0,027	FALSE
0,016	0,276	0,002	0,009	0,085	FALSE
-0,034	0,274	-0,001	0,009	0,044	FALSE
-0,032	0,273	-0,002	0,014	0,047	FALSE
-0,111	0,266	-0,004	0,013	0,126	FALSE
-0,016	0,266	0,000	0,009	0,007	FALSE
-0,018	0,278	0,004	0,018	0,091	FALSE
0,063	0,284	0,002	0,018	0,046	FALSE
-0,171	0,291	-0,005	0,011	0,187	FALSE
0,007	0,278	0,000	0,010	0,004	FALSE
-0,067	0,297	-0,001	0,009	0,030	FALSE
0,024	0,277	0,000	0,010	0,018	FALSE
0,032	0,283	0,001	0,010	0,048	FALSE
0,051	0,279	0,001	0,010	0,047	FALSE
-0,040	0,287	-0,004	0,015	0,102	FALSE
0,029	0,288	0,000	0,011	0,011	FALSE
0,016	0,285	0,000	0,011	0,006	FALSE
0,073	0,282	0,003	0,014	0,070	FALSE
0,107	0,274	0,007	0,016	0,185	FALSE
-0,107	0,288	-0,003	0,009	0,129	FALSE
-0,287	0,267	-0,014	0,015	0,455	FALSE
0,148	0,287	0,004	0,010	0,171	FALSE
0,120	0,292	0,004	0,012	0,131	FALSE
-0,140	0,295	-0,004	0,011	0,137	FALSE
-0,012	0,291	-0,002	0,016	0,042	FALSE
0,072	0,285	0,003	0,015	0,086	FALSE
-0,130	0,287	-0,003	0,010	0,125	FALSE
-0,016	0,283	0,000	0,011	0,016	FALSE
-0,070	0,281	-0,004	0,013	0,131	FALSE
-0,122	0,288	-0,004	0,009	0,179	FALSE
0,054	0,297	0,002	0,011	0,081	FALSE
0,042	0,278	-0,001	0,015	0,020	FALSE
-0,103	0,269	-0,003	0,012	0,080	FALSE
-0,166	0,276	-0,005	0,010	0,192	FALSE

0,048	0,293	0,002	0,010	0,065	FALSE
-0,206	0,275	-0,009	0,015	0,251	FALSE
-0,130	0,282	-0,006	0,014	0,162	FALSE
0,076	0,289	0,003	0,016	0,074	FALSE
-0,130	0,286	-0,003	0,009	0,138	FALSE
-0,047	0,273	0,000	0,016	0,004	FALSE
-0,031	0,280	0,000	0,011	0,007	FALSE
-0,115	0,290	-0,003	0,010	0,123	FALSE
0,005	0,271	-0,001	0,010	0,031	FALSE
0,215	0,265	0,006	0,010	0,245	FALSE
-0,087	0,287	-0,007	0,017	0,164	FALSE
-0,093	0,286	-0,006	0,017	0,130	FALSE
-0,067	0,272	-0,004	0,016	0,106	FALSE
-0,194	0,288	-0,009	0,017	0,231	FALSE
0,043	0,289	0,002	0,011	0,050	FALSE
-0,153	0,285	-0,004	0,009	0,163	FALSE
-0,030	0,265	-0,004	0,015	0,098	FALSE
0,255	0,290	0,009	0,011	0,376	FALSE
-0,046	0,290	-0,001	0,010	0,046	FALSE
0,097	0,281	0,004	0,013	0,124	FALSE
-0,128	0,272	-0,006	0,016	0,142	FALSE
-0,050	0,282	-0,002	0,010	0,068	FALSE
-0,075	0,275	-0,003	0,010	0,109	FALSE
-0,049	0,282	-0,001	0,010	0,046	FALSE
-0,120	0,269	-0,008	0,015	0,216	FALSE
-0,015	0,271	-0,001	0,011	0,047	FALSE
-0,016	0,283	-0,001	0,011	0,034	FALSE
-0,030	0,283	-0,002	0,012	0,076	FALSE
0,020	0,268	0,000	0,013	0,005	FALSE
-0,102	0,287	-0,003	0,009	0,117	FALSE
0,096	0,287	0,005	0,017	0,105	FALSE
0,110	0,293	0,006	0,015	0,156	FALSE
0,003	0,278	0,000	0,010	0,007	FALSE
-0,010	0,297	0,000	0,009	0,005	FALSE
-0,008	0,271	-0,001	0,016	0,032	FALSE
0,000	0,268	-0,001	0,015	0,016	FALSE
0,103	0,283	0,003	0,010	0,126	FALSE
-0,029	0,297	-0,001	0,009	0,021	FALSE
0,128	0,276	0,006	0,011	0,223	FALSE
0,043	0,296	0,002	0,014	0,052	FALSE
-0,075	0,275	-0,001	0,010	0,033	FALSE
0,044	0,271	0,000	0,009	0,012	FALSE
-0,021	0,281	-0,001	0,013	0,036	FALSE
0,025	0,286	0,000	0,012	0,006	FALSE
0,052	0,281	0,001	0,012	0,033	FALSE
0,060	0,287	0,005	0,015	0,117	FALSE
0,089	0,284	0,005	0,015	0,135	FALSE
0,087	0,277	0,005	0,013	0,165	FALSE
-0,066	0,280	-0,002	0,011	0,069	FALSE
-0,027	0,291	-0,001	0,009	0,032	FALSE
0,028	0,290	0,003	0,010	0,096	FALSE
0,137	0,278	0,002	0,009	0,093	FALSE
-0,016	0,275	-0,001	0,008	0,065	FALSE

-0,015	0,297	0,000	0,012	0,005	FALSE
0,054	0,279	0,000	0,015	0,001	FALSE
0,050	0,278	0,000	0,009	0,002	FALSE
0,065	0,292	0,004	0,017	0,086	FALSE
-0,009	0,280	0,000	0,014	0,009	FALSE
0,055	0,283	0,005	0,018	0,113	FALSE
0,016	0,285	0,001	0,015	0,024	FALSE
-0,189	0,281	-0,005	0,008	0,287	FALSE
0,060	0,275	0,001	0,009	0,039	FALSE
-0,131	0,279	-0,007	0,013	0,233	FALSE
-0,134	0,278	-0,008	0,016	0,221	FALSE
0,169	0,279	0,009	0,014	0,297	FALSE
0,112	0,285	0,003	0,010	0,108	FALSE
-0,022	0,284	0,001	0,010	0,041	FALSE
0,124	0,293	0,006	0,016	0,146	FALSE
0,147	0,287	0,006	0,011	0,205	FALSE
0,130	0,292	0,005	0,012	0,162	FALSE
-0,209	0,275	-0,006	0,008	0,356	FALSE
0,015	0,294	0,002	0,010	0,068	FALSE
-0,028	0,288	0,001	0,009	0,021	FALSE
0,018	0,285	0,002	0,017	0,048	FALSE
0,157	0,278	0,005	0,010	0,216	FALSE
0,009	0,282	0,001	0,010	0,020	FALSE
0,010	0,264	-0,001	0,013	0,023	FALSE
-0,035	0,282	-0,001	0,010	0,040	FALSE
-0,064	0,278	-0,002	0,013	0,064	FALSE
-0,050	0,287	-0,001	0,009	0,056	FALSE
0,003	0,291	0,000	0,009	0,002	FALSE
0,203	0,277	0,006	0,010	0,288	FALSE
0,224	0,284	0,012	0,017	0,328	FALSE
0,069	0,302	0,003	0,013	0,079	FALSE
0,130	0,301	0,004	0,011	0,140	FALSE
-0,170	0,282	-0,007	0,012	0,248	FALSE
-0,020	0,280	-0,002	0,012	0,054	FALSE
-0,108	0,297	-0,003	0,014	0,093	FALSE
-0,052	0,278	-0,002	0,017	0,039	FALSE
-0,070	0,288	-0,002	0,011	0,071	FALSE
-0,097	0,286	-0,005	0,009	0,222	FALSE
-0,130	0,293	-0,006	0,015	0,163	FALSE
0,045	0,286	0,004	0,014	0,108	FALSE
-0,105	0,291	-0,005	0,015	0,120	FALSE
-0,077	0,283	-0,004	0,009	0,196	FALSE
-0,062	0,284	-0,003	0,009	0,135	FALSE
-0,040	0,287	0,000	0,009	0,003	FALSE
0,031	0,296	0,001	0,009	0,030	FALSE
-0,188	0,278	-0,008	0,013	0,283	FALSE
0,120	0,284	0,004	0,010	0,165	FALSE
0,079	0,262	0,003	0,014	0,086	FALSE
0,038	0,265	0,004	0,016	0,082	FALSE
0,069	0,281	0,002	0,010	0,063	FALSE
-0,135	0,271	-0,006	0,015	0,170	FALSE
-0,041	0,282	-0,003	0,009	0,110	FALSE
-0,280	0,283	-0,013	0,013	0,474	FALSE

-0,126	0,285	-0,003	0,010	0,134	FALSE
0,254	0,266	0,016	0,017	0,462	FALSE
0,262	0,262	0,016	0,017	0,492	FALSE
-0,157	0,287	-0,004	0,009	0,176	FALSE
0,081	0,302	0,005	0,017	0,116	FALSE
0,052	0,278	0,001	0,009	0,038	FALSE
0,009	0,290	0,001	0,016	0,016	FALSE
-0,061	0,271	-0,002	0,017	0,054	FALSE
-0,166	0,287	-0,007	0,017	0,180	FALSE
0,076	0,288	0,002	0,011	0,084	FALSE
0,038	0,272	0,000	0,012	0,005	FALSE
-0,167	0,286	-0,005	0,010	0,209	FALSE
-0,042	0,280	-0,001	0,017	0,020	FALSE
-0,125	0,282	-0,007	0,012	0,244	FALSE
-0,173	0,272	-0,005	0,009	0,261	FALSE
0,113	0,288	0,002	0,009	0,104	FALSE
-0,152	0,287	-0,006	0,010	0,276	FALSE
0,255	0,268	0,009	0,010	0,397	FALSE
-0,018	0,278	0,001	0,008	0,030	FALSE
0,124	0,274	0,003	0,013	0,084	FALSE
0,058	0,281	0,002	0,016	0,050	FALSE
0,017	0,303	0,000	0,016	0,001	FALSE
0,109	0,288	0,007	0,018	0,158	FALSE
0,090	0,278	0,004	0,017	0,079	FALSE
-0,223	0,280	-0,011	0,015	0,337	FALSE
-0,030	0,287	0,000	0,008	0,019	FALSE
-0,087	0,290	-0,002	0,009	0,086	FALSE
-0,170	0,273	-0,010	0,015	0,294	FALSE
-0,110	0,284	-0,003	0,011	0,111	FALSE
0,058	0,275	0,002	0,009	0,072	FALSE
0,039	0,299	0,003	0,013	0,079	FALSE
-0,085	0,278	-0,003	0,011	0,094	FALSE
-0,122	0,285	-0,005	0,017	0,102	FALSE
0,274	0,257	0,009	0,011	0,392	FALSE
-0,066	0,286	-0,001	0,009	0,022	FALSE
0,010	0,287	0,001	0,013	0,017	FALSE
-0,197	0,281	-0,006	0,009	0,310	FALSE
0,081	0,286	0,003	0,017	0,067	FALSE
0,066	0,279	0,002	0,009	0,089	FALSE
0,029	0,293	0,001	0,009	0,044	FALSE
0,025	0,284	0,001	0,013	0,033	FALSE
-0,072	0,289	-0,002	0,010	0,075	FALSE
-0,057	0,283	-0,003	0,013	0,073	FALSE
-0,055	0,292	-0,002	0,009	0,067	FALSE
-0,121	0,283	-0,005	0,012	0,180	FALSE
-0,096	0,264	-0,007	0,016	0,191	FALSE
-0,057	0,278	-0,006	0,017	0,131	FALSE
0,003	0,277	-0,003	0,016	0,063	FALSE
0,148	0,279	0,011	0,017	0,281	FALSE
0,126	0,279	0,004	0,011	0,149	FALSE
0,041	0,289	0,002	0,011	0,086	FALSE
-0,067	0,281	-0,002	0,008	0,078	FALSE
-0,213	0,270	-0,012	0,015	0,380	FALSE

-0,069	0,275	-0,003	0,011	0,123	FALSE
-0,038	0,276	-0,001	0,009	0,029	FALSE
0,235	0,266	0,007	0,009	0,348	FALSE
0,103	0,287	0,005	0,016	0,114	FALSE
0,147	0,282	0,005	0,010	0,200	FALSE
-0,079	0,282	-0,002	0,010	0,068	FALSE
0,053	0,276	0,003	0,013	0,089	FALSE
-0,221	0,272	-0,011	0,013	0,403	FALSE
0,024	0,281	0,002	0,010	0,086	FALSE
-0,187	0,283	-0,006	0,011	0,219	FALSE
-0,110	0,278	-0,004	0,017	0,098	FALSE
-0,045	0,264	-0,002	0,010	0,070	FALSE
0,183	0,282	0,006	0,012	0,228	FALSE
-0,088	0,286	-0,006	0,015	0,160	FALSE
-0,031	0,283	-0,001	0,013	0,014	FALSE
0,165	0,284	0,005	0,011	0,186	FALSE
-0,228	0,270	-0,012	0,018	0,295	FALSE
-0,001	0,280	0,001	0,009	0,023	FALSE
-0,063	0,286	-0,002	0,011	0,070	FALSE
-0,031	0,280	-0,003	0,012	0,077	FALSE
0,012	0,282	0,000	0,016	0,003	FALSE
0,022	0,283	-0,004	0,017	0,077	FALSE
-0,010	0,278	-0,003	0,013	0,072	FALSE
0,076	0,278	0,001	0,009	0,038	FALSE
0,054	0,291	0,003	0,016	0,059	FALSE
0,136	0,277	0,007	0,012	0,220	FALSE
-0,128	0,295	-0,009	0,018	0,201	FALSE
-0,239	0,296	-0,008	0,012	0,317	FALSE
0,006	0,281	-0,003	0,013	0,084	FALSE
0,011	0,287	-0,003	0,014	0,078	FALSE
-0,118	0,287	-0,002	0,011	0,072	FALSE
-0,094	0,294	-0,003	0,016	0,082	FALSE
0,069	0,281	0,004	0,010	0,150	FALSE
0,032	0,295	0,002	0,009	0,091	FALSE
0,069	0,265	0,001	0,008	0,028	FALSE
-0,041	0,284	-0,001	0,011	0,043	FALSE
-0,034	0,287	-0,002	0,012	0,068	FALSE
0,117	0,290	0,003	0,009	0,113	FALSE
-0,085	0,279	-0,002	0,010	0,074	FALSE
-0,267	0,279	-0,014	0,018	0,368	FALSE
-0,001	0,276	0,002	0,012	0,049	FALSE
0,052	0,296	0,001	0,011	0,036	FALSE
0,070	0,295	0,003	0,010	0,129	FALSE
0,048	0,283	0,001	0,010	0,044	FALSE
0,116	0,288	0,003	0,011	0,125	FALSE
0,044	0,277	0,004	0,017	0,087	FALSE
0,006	0,261	0,002	0,016	0,053	FALSE
-0,027	0,291	-0,001	0,011	0,039	FALSE
-0,033	0,298	-0,001	0,010	0,023	FALSE
-0,036	0,278	-0,002	0,009	0,082	FALSE
0,053	0,282	0,001	0,008	0,041	FALSE
0,182	0,270	0,005	0,012	0,194	FALSE
-0,044	0,285	0,000	0,011	0,015	FALSE

0,038	0,272	0,002	0,009	0,070	FALSE
0,021	0,292	0,000	0,011	0,010	FALSE
0,066	0,273	0,003	0,011	0,097	FALSE
0,154	0,282	0,004	0,010	0,158	FALSE
-0,057	0,292	-0,002	0,015	0,062	FALSE
-0,022	0,271	-0,001	0,012	0,017	FALSE
-0,096	0,283	-0,004	0,009	0,173	FALSE
-0,044	0,281	-0,005	0,016	0,119	FALSE
-0,013	0,271	-0,002	0,009	0,081	FALSE
-0,034	0,283	-0,001	0,013	0,032	FALSE
-0,047	0,288	-0,002	0,017	0,044	FALSE
-0,027	0,286	0,000	0,010	0,017	FALSE
-0,112	0,265	-0,004	0,013	0,115	FALSE
-0,111	0,284	-0,003	0,009	0,140	FALSE
0,227	0,282	0,010	0,012	0,371	FALSE
-0,050	0,294	-0,006	0,017	0,147	FALSE
0,228	0,289	0,006	0,010	0,263	FALSE
0,245	0,281	0,013	0,015	0,428	FALSE
0,019	0,285	-0,002	0,017	0,037	FALSE
-0,032	0,269	-0,003	0,010	0,125	FALSE
-0,119	0,286	-0,002	0,010	0,077	FALSE
-0,156	0,282	-0,006	0,010	0,288	FALSE
0,079	0,275	0,003	0,008	0,134	FALSE
0,158	0,267	0,005	0,017	0,128	FALSE
-0,017	0,279	0,001	0,010	0,029	FALSE
0,028	0,281	0,003	0,012	0,087	FALSE
-0,090	0,282	-0,004	0,010	0,137	FALSE
-0,072	0,278	-0,002	0,013	0,069	FALSE
-0,126	0,280	-0,003	0,009	0,133	FALSE
-0,153	0,288	-0,005	0,009	0,221	FALSE
0,093	0,274	0,002	0,009	0,104	FALSE
-0,218	0,281	-0,007	0,010	0,315	FALSE
0,066	0,280	0,001	0,010	0,030	FALSE
0,188	0,285	0,006	0,011	0,244	FALSE
0,117	0,267	0,004	0,009	0,168	FALSE
-0,023	0,294	0,001	0,016	0,022	FALSE
-0,036	0,292	0,000	0,016	0,001	FALSE
-0,152	0,272	-0,005	0,014	0,142	FALSE
-0,069	0,284	-0,004	0,018	0,080	FALSE
-0,062	0,286	-0,003	0,016	0,060	FALSE
-0,206	0,284	-0,006	0,009	0,337	FALSE
-0,008	0,294	-0,001	0,015	0,012	FALSE
0,075	0,282	0,002	0,008	0,075	FALSE
-0,101	0,286	-0,003	0,009	0,114	FALSE
0,178	0,283	0,006	0,010	0,235	FALSE
0,191	0,272	0,010	0,012	0,403	FALSE
0,014	0,278	0,000	0,014	0,005	FALSE
0,058	0,297	0,005	0,012	0,157	FALSE
0,185	0,276	0,005	0,009	0,240	FALSE
0,011	0,286	0,001	0,009	0,037	FALSE
-0,114	0,281	-0,007	0,017	0,181	FALSE
-0,092	0,288	-0,007	0,017	0,166	FALSE
-0,021	0,296	-0,002	0,016	0,035	FALSE

-0,105	0,266	-0,005	0,010	0,235	FALSE
0,101	0,282	0,008	0,018	0,183	FALSE
0,050	0,279	0,001	0,013	0,024	FALSE
-0,122	0,291	-0,005	0,012	0,181	FALSE
-0,042	0,274	-0,003	0,011	0,111	FALSE
-0,059	0,275	-0,004	0,011	0,128	FALSE
-0,161	0,267	-0,005	0,009	0,251	FALSE
-0,163	0,278	-0,007	0,017	0,171	FALSE
0,135	0,288	0,005	0,012	0,186	FALSE
-0,027	0,282	0,000	0,008	0,005	FALSE
-0,100	0,260	-0,006	0,013	0,173	FALSE
-0,034	0,273	-0,004	0,017	0,098	FALSE
-0,026	0,258	-0,003	0,016	0,061	FALSE
0,235	0,286	0,009	0,012	0,348	FALSE
0,287	0,265	0,014	0,014	0,459	FALSE
0,166	0,270	0,006	0,015	0,165	FALSE
0,121	0,273	0,005	0,016	0,112	FALSE
0,181	0,271	0,007	0,016	0,182	FALSE
-0,033	0,300	-0,001	0,010	0,045	FALSE
0,221	0,276	0,010	0,013	0,360	FALSE
-0,012	0,278	-0,001	0,012	0,040	FALSE
-0,008	0,283	0,000	0,013	0,010	FALSE
0,089	0,267	0,002	0,009	0,081	FALSE
0,061	0,287	0,003	0,018	0,072	FALSE
-0,068	0,288	-0,004	0,017	0,080	FALSE
0,025	0,286	0,001	0,009	0,046	FALSE
0,022	0,284	0,001	0,010	0,020	FALSE
-0,048	0,288	-0,004	0,017	0,085	FALSE
0,150	0,293	0,006	0,010	0,249	FALSE
-0,031	0,268	-0,003	0,016	0,069	FALSE
0,089	0,286	0,005	0,014	0,151	FALSE
-0,034	0,289	-0,001	0,012	0,041	FALSE
0,048	0,263	0,002	0,016	0,048	FALSE
-0,105	0,279	-0,002	0,009	0,104	FALSE
-0,058	0,285	-0,003	0,009	0,137	FALSE
0,102	0,286	0,005	0,013	0,164	FALSE
0,132	0,257	0,006	0,013	0,172	FALSE
0,043	0,275	0,001	0,009	0,036	FALSE
0,045	0,270	-0,002	0,012	0,053	FALSE
0,093	0,271	0,005	0,014	0,142	FALSE
0,095	0,291	0,005	0,017	0,100	FALSE
0,146	0,286	0,007	0,014	0,224	FALSE
-0,030	0,295	0,000	0,012	0,004	FALSE
-0,064	0,289	-0,003	0,011	0,123	FALSE
0,220	0,275	0,006	0,010	0,264	FALSE
-0,094	0,287	-0,004	0,017	0,090	FALSE
-0,146	0,285	-0,007	0,014	0,200	FALSE
0,043	0,277	0,000	0,017	0,001	FALSE
0,022	0,259	0,004	0,014	0,115	FALSE
-0,027	0,282	0,001	0,009	0,020	FALSE
-0,072	0,291	-0,004	0,016	0,092	FALSE
-0,047	0,289	-0,002	0,013	0,068	FALSE
0,024	0,294	0,000	0,009	0,016	FALSE

0,127	0,271	0,003	0,009	0,158	FALSE
-0,108	0,289	-0,004	0,010	0,145	FALSE
0,100	0,288	0,004	0,009	0,188	FALSE
-0,054	0,270	0,000	0,017	0,009	FALSE
-0,098	0,284	-0,008	0,017	0,180	FALSE
-0,137	0,287	-0,006	0,012	0,194	FALSE
0,164	0,256	0,008	0,011	0,335	FALSE
-0,012	0,280	-0,002	0,017	0,052	FALSE
-0,068	0,284	-0,002	0,011	0,063	FALSE
-0,081	0,282	-0,002	0,011	0,080	FALSE
-0,163	0,286	-0,004	0,009	0,204	FALSE
0,080	0,283	0,002	0,009	0,090	FALSE
0,184	0,285	0,006	0,011	0,257	FALSE
0,055	0,279	0,002	0,014	0,048	FALSE
0,075	0,279	0,002	0,015	0,062	FALSE
0,093	0,279	0,003	0,010	0,109	FALSE
-0,002	0,298	0,000	0,013	0,003	FALSE
0,046	0,262	0,003	0,015	0,079	FALSE
0,185	0,274	0,010	0,016	0,300	FALSE
0,049	0,285	0,002	0,010	0,061	FALSE
0,033	0,275	-0,001	0,008	0,031	FALSE
0,270	0,270	0,011	0,014	0,371	FALSE
-0,203	0,278	-0,010	0,017	0,263	FALSE
-0,168	0,289	-0,008	0,017	0,186	FALSE
0,166	0,274	0,007	0,012	0,242	FALSE
-0,038	0,281	-0,001	0,008	0,048	FALSE
0,088	0,264	0,003	0,014	0,085	FALSE
-0,102	0,271	-0,005	0,015	0,125	FALSE
-0,187	0,271	-0,005	0,009	0,230	FALSE
-0,090	0,290	-0,003	0,011	0,091	FALSE
-0,062	0,277	-0,004	0,014	0,105	FALSE
0,076	0,283	0,006	0,013	0,185	FALSE
-0,130	0,287	-0,002	0,010	0,095	FALSE
0,054	0,291	0,003	0,016	0,063	FALSE
0,040	0,286	0,002	0,010	0,085	FALSE
-0,106	0,286	-0,004	0,014	0,104	FALSE
-0,130	0,286	-0,004	0,013	0,122	FALSE
-0,131	0,292	-0,004	0,014	0,129	FALSE
-0,151	0,284	-0,005	0,013	0,149	FALSE
-0,068	0,288	-0,001	0,014	0,034	FALSE
-0,043	0,276	-0,001	0,013	0,024	FALSE
-0,083	0,281	-0,001	0,016	0,018	FALSE
0,101	0,279	0,003	0,016	0,073	FALSE
-0,048	0,288	-0,003	0,011	0,094	FALSE
-0,076	0,270	-0,005	0,016	0,122	FALSE
-0,020	0,276	0,000	0,012	0,002	FALSE
0,279	0,250	0,014	0,015	0,472	FALSE
0,024	0,301	-0,001	0,017	0,030	FALSE
-0,119	0,279	-0,007	0,014	0,196	FALSE
0,284	0,249	0,014	0,015	0,481	FALSE
0,117	0,283	0,002	0,012	0,080	FALSE
0,143	0,268	0,005	0,010	0,210	FALSE
-0,044	0,274	0,001	0,012	0,028	FALSE

-0,078	0,280	-0,002	0,010	0,082	FALSE
-0,114	0,262	-0,002	0,012	0,074	FALSE
0,209	0,270	0,006	0,009	0,263	FALSE
0,062	0,272	0,002	0,009	0,086	FALSE
-0,082	0,259	-0,005	0,013	0,155	FALSE
-0,102	0,281	-0,003	0,009	0,129	FALSE
0,180	0,270	0,008	0,015	0,235	FALSE
-0,055	0,281	-0,002	0,013	0,055	FALSE
-0,081	0,281	-0,005	0,017	0,099	FALSE
0,008	0,278	0,001	0,014	0,038	FALSE
-0,001	0,275	0,001	0,017	0,014	FALSE
-0,007	0,279	0,001	0,017	0,013	FALSE
-0,021	0,263	-0,002	0,017	0,035	FALSE
0,080	0,278	0,002	0,011	0,080	FALSE
-0,066	0,290	-0,002	0,018	0,047	FALSE
-0,064	0,274	0,000	0,010	0,010	FALSE
0,077	0,283	0,006	0,017	0,130	FALSE
-0,111	0,279	-0,002	0,009	0,095	FALSE
-0,026	0,292	-0,001	0,012	0,018	FALSE
-0,134	0,275	-0,006	0,013	0,179	FALSE
-0,051	0,276	-0,002	0,014	0,060	FALSE
-0,010	0,294	0,002	0,017	0,037	FALSE
-0,048	0,277	-0,003	0,017	0,063	FALSE
-0,064	0,283	-0,002	0,014	0,051	FALSE
-0,077	0,272	-0,003	0,013	0,099	FALSE
-0,085	0,289	-0,004	0,014	0,096	FALSE
0,243	0,272	0,008	0,010	0,363	FALSE
0,063	0,277	0,005	0,017	0,128	FALSE
-0,084	0,286	-0,004	0,016	0,086	FALSE
-0,051	0,301	-0,002	0,015	0,056	FALSE
0,005	0,291	0,001	0,015	0,027	FALSE
-0,070	0,294	-0,004	0,014	0,113	FALSE
-0,056	0,295	-0,003	0,015	0,076	FALSE
-0,150	0,284	-0,005	0,012	0,167	FALSE
0,175	0,283	0,006	0,009	0,310	FALSE
-0,151	0,284	-0,006	0,011	0,226	FALSE
-0,038	0,295	-0,003	0,017	0,063	FALSE
0,045	0,277	0,000	0,010	0,012	FALSE
0,002	0,289	0,000	0,017	0,003	FALSE
0,007	0,272	0,000	0,009	0,007	FALSE
-0,070	0,268	-0,002	0,015	0,056	FALSE
0,020	0,278	0,004	0,017	0,083	FALSE
-0,016	0,275	-0,001	0,009	0,034	FALSE
0,015	0,280	0,000	0,011	0,015	FALSE
0,027	0,290	0,002	0,010	0,071	FALSE
0,157	0,284	0,005	0,009	0,220	FALSE
-0,065	0,279	-0,002	0,013	0,049	FALSE
0,014	0,279	0,001	0,011	0,018	FALSE
-0,034	0,268	-0,002	0,017	0,049	FALSE
0,046	0,286	0,003	0,009	0,135	FALSE
0,025	0,280	0,003	0,012	0,090	FALSE
-0,013	0,285	0,002	0,015	0,038	FALSE
-0,050	0,297	0,000	0,009	0,005	FALSE

0,049	0,287	0,002	0,014	0,050	FALSE
0,059	0,286	0,005	0,017	0,114	FALSE
0,087	0,288	0,005	0,015	0,135	FALSE
0,011	0,290	0,000	0,017	0,009	FALSE
0,062	0,282	0,001	0,017	0,017	FALSE
-0,196	0,278	-0,007	0,012	0,233	FALSE
-0,212	0,277	-0,008	0,012	0,275	FALSE
0,006	0,291	-0,003	0,016	0,067	FALSE
-0,074	0,269	-0,002	0,015	0,055	FALSE
-0,067	0,275	-0,001	0,014	0,038	FALSE
-0,003	0,299	-0,001	0,016	0,013	FALSE
-0,126	0,284	-0,006	0,010	0,252	FALSE
-0,032	0,297	-0,001	0,012	0,037	FALSE
-0,127	0,279	-0,005	0,010	0,202	FALSE
-0,033	0,298	-0,001	0,017	0,012	FALSE
-0,091	0,285	-0,003	0,010	0,132	FALSE
-0,093	0,288	-0,010	0,018	0,237	FALSE
-0,011	0,288	0,000	0,016	0,002	FALSE
0,058	0,276	0,004	0,015	0,091	FALSE
0,026	0,280	0,002	0,014	0,039	FALSE
0,073	0,283	0,003	0,013	0,104	FALSE
0,029	0,282	0,000	0,013	0,013	FALSE
0,127	0,268	0,004	0,010	0,148	FALSE
0,210	0,268	0,012	0,016	0,348	FALSE
-0,083	0,279	-0,003	0,010	0,116	FALSE
0,022	0,290	0,000	0,010	0,016	FALSE
-0,012	0,293	-0,001	0,009	0,048	FALSE
0,029	0,285	0,001	0,010	0,057	FALSE
-0,032	0,280	-0,003	0,016	0,058	FALSE
0,010	0,276	0,000	0,012	0,001	FALSE
0,146	0,283	0,005	0,009	0,237	FALSE
0,072	0,277	0,002	0,014	0,061	FALSE
-0,161	0,279	-0,005	0,011	0,207	FALSE
0,092	0,289	0,002	0,010	0,097	FALSE
-0,025	0,288	0,002	0,011	0,051	FALSE
-0,119	0,276	-0,005	0,011	0,183	FALSE
0,092	0,299	0,006	0,017	0,149	FALSE
-0,002	0,279	-0,001	0,012	0,023	FALSE
0,092	0,290	0,003	0,009	0,142	FALSE
-0,095	0,286	-0,007	0,013	0,236	FALSE
0,106	0,280	0,003	0,009	0,143	FALSE
0,178	0,267	0,007	0,016	0,179	FALSE
0,063	0,285	0,001	0,016	0,029	FALSE
0,040	0,288	0,001	0,009	0,035	FALSE
-0,075	0,299	-0,005	0,017	0,106	FALSE
-0,173	0,281	-0,005	0,009	0,222	FALSE
0,044	0,273	0,003	0,013	0,077	FALSE
-0,005	0,280	0,001	0,010	0,026	FALSE
0,059	0,301	0,002	0,014	0,064	FALSE
-0,121	0,290	-0,007	0,015	0,186	FALSE
-0,170	0,288	-0,006	0,010	0,272	FALSE
0,263	0,249	0,008	0,010	0,368	FALSE
0,026	0,290	0,002	0,010	0,085	FALSE

-0,078	0,285	-0,004	0,016	0,090	FALSE
-0,029	0,293	0,000	0,011	0,011	FALSE
-0,176	0,286	-0,006	0,010	0,262	FALSE
-0,030	0,285	-0,003	0,017	0,061	FALSE
0,118	0,292	0,002	0,009	0,064	FALSE
-0,099	0,288	-0,004	0,012	0,123	FALSE
-0,020	0,276	-0,006	0,017	0,131	FALSE
-0,050	0,266	-0,002	0,013	0,051	FALSE
-0,095	0,288	-0,007	0,017	0,183	FALSE
0,053	0,284	0,002	0,013	0,058	FALSE
0,047	0,287	0,002	0,013	0,054	FALSE
0,057	0,289	0,001	0,012	0,042	FALSE
0,082	0,290	0,003	0,009	0,113	FALSE
0,054	0,289	0,002	0,017	0,044	FALSE
0,008	0,285	-0,001	0,017	0,031	FALSE
-0,094	0,279	-0,002	0,008	0,091	FALSE
-0,026	0,295	-0,002	0,010	0,070	FALSE
0,027	0,284	0,000	0,015	0,002	FALSE
-0,002	0,269	0,001	0,014	0,016	FALSE
0,164	0,262	0,005	0,008	0,236	FALSE
0,040	0,270	0,001	0,010	0,036	FALSE
-0,004	0,290	0,001	0,009	0,029	FALSE
-0,119	0,282	-0,004	0,012	0,141	FALSE
-0,070	0,280	-0,002	0,011	0,072	FALSE
-0,029	0,286	-0,001	0,013	0,028	FALSE
0,104	0,255	0,003	0,014	0,089	FALSE
0,000	0,283	-0,002	0,017	0,042	FALSE
-0,046	0,284	-0,004	0,015	0,088	FALSE
-0,029	0,300	-0,001	0,010	0,020	FALSE
0,004	0,293	0,001	0,017	0,010	FALSE
-0,023	0,285	-0,005	0,018	0,102	FALSE
-0,118	0,288	-0,005	0,011	0,161	FALSE
-0,153	0,280	-0,007	0,013	0,233	FALSE
0,188	0,270	0,008	0,010	0,341	FALSE
-0,022	0,278	-0,002	0,010	0,095	FALSE
-0,053	0,288	-0,003	0,017	0,068	FALSE
0,005	0,296	0,000	0,017	0,008	FALSE
0,035	0,277	0,002	0,011	0,073	FALSE
0,126	0,283	0,005	0,011	0,165	FALSE
-0,062	0,284	-0,003	0,017	0,072	FALSE
-0,121	0,279	-0,003	0,009	0,146	FALSE
0,180	0,286	0,006	0,013	0,206	FALSE
-0,040	0,291	0,000	0,009	0,016	FALSE
0,057	0,292	0,004	0,016	0,094	FALSE
-0,024	0,282	-0,002	0,014	0,045	FALSE
-0,070	0,278	-0,003	0,010	0,119	FALSE
-0,032	0,282	-0,005	0,015	0,128	FALSE
-0,009	0,276	-0,004	0,015	0,110	FALSE
0,031	0,269	0,000	0,015	0,010	FALSE
-0,149	0,283	-0,006	0,010	0,283	FALSE
0,126	0,284	0,005	0,010	0,200	FALSE
0,170	0,272	0,005	0,010	0,237	FALSE
0,008	0,279	0,003	0,015	0,081	FALSE

-0,055	0,281	-0,002	0,014	0,059	FALSE
0,077	0,285	0,004	0,018	0,085	FALSE
-0,031	0,284	-0,002	0,011	0,071	FALSE
0,126	0,277	0,007	0,016	0,194	FALSE
0,159	0,274	0,008	0,017	0,204	FALSE
0,139	0,289	0,007	0,016	0,195	FALSE
-0,257	0,265	-0,015	0,017	0,418	FALSE
0,029	0,284	0,001	0,014	0,029	FALSE
0,008	0,269	-0,001	0,014	0,025	FALSE
0,048	0,274	0,004	0,016	0,097	FALSE
-0,030	0,286	-0,003	0,015	0,072	FALSE
0,010	0,289	0,000	0,010	0,008	FALSE
-0,045	0,282	0,000	0,009	0,005	FALSE
0,119	0,280	0,010	0,017	0,242	FALSE
-0,021	0,278	0,000	0,013	0,009	FALSE
0,131	0,278	0,004	0,012	0,117	FALSE
-0,127	0,288	-0,003	0,009	0,132	FALSE
-0,043	0,279	-0,002	0,016	0,049	FALSE
-0,001	0,290	-0,001	0,011	0,031	FALSE
-0,032	0,281	-0,003	0,017	0,063	FALSE
0,034	0,290	0,001	0,015	0,030	FALSE
-0,107	0,287	-0,004	0,009	0,171	FALSE
-0,090	0,285	-0,004	0,015	0,101	FALSE
0,012	0,289	-0,001	0,017	0,019	FALSE
0,040	0,275	0,002	0,012	0,075	FALSE
0,138	0,257	0,006	0,013	0,176	FALSE
0,141	0,268	0,006	0,014	0,181	FALSE
-0,112	0,278	-0,007	0,017	0,160	FALSE
0,161	0,276	0,010	0,016	0,254	FALSE
-0,119	0,282	-0,008	0,017	0,203	FALSE
0,165	0,262	0,005	0,009	0,240	FALSE
0,258	0,256	0,009	0,009	0,461	FALSE
0,126	0,279	0,003	0,009	0,149	FALSE
0,028	0,288	0,001	0,013	0,024	FALSE
0,035	0,281	0,001	0,013	0,039	FALSE
0,030	0,286	0,001	0,013	0,019	FALSE
0,029	0,288	0,000	0,009	0,008	FALSE
-0,088	0,290	-0,002	0,010	0,073	FALSE
0,138	0,285	0,007	0,012	0,243	FALSE
-0,048	0,287	-0,004	0,016	0,085	FALSE
0,089	0,274	0,006	0,014	0,162	FALSE
0,096	0,273	0,007	0,013	0,222	FALSE
0,043	0,295	0,001	0,010	0,023	FALSE
0,069	0,277	0,003	0,017	0,073	FALSE
0,014	0,284	0,001	0,012	0,028	FALSE
-0,129	0,275	-0,010	0,017	0,242	FALSE
-0,014	0,287	0,001	0,010	0,037	FALSE
-0,010	0,268	0,003	0,015	0,067	FALSE
0,020	0,296	0,001	0,009	0,032	FALSE
-0,069	0,275	-0,002	0,010	0,094	FALSE
0,011	0,288	-0,001	0,009	0,048	FALSE
0,075	0,278	0,002	0,011	0,077	FALSE
0,166	0,278	0,006	0,011	0,234	FALSE

0,082	0,276	0,002	0,015	0,039	FALSE
0,076	0,291	0,002	0,017	0,044	FALSE
0,072	0,288	0,002	0,016	0,044	FALSE
0,109	0,290	0,007	0,017	0,168	FALSE
0,086	0,281	0,002	0,016	0,045	FALSE
-0,049	0,285	-0,002	0,009	0,072	FALSE
-0,033	0,272	-0,002	0,010	0,069	FALSE
-0,029	0,291	-0,005	0,018	0,107	FALSE
-0,049	0,288	-0,001	0,013	0,030	FALSE
0,078	0,282	0,005	0,013	0,147	FALSE
-0,053	0,286	-0,004	0,017	0,087	FALSE
-0,027	0,285	-0,002	0,015	0,054	FALSE
0,064	0,274	0,003	0,015	0,085	FALSE
-0,163	0,291	-0,005	0,010	0,198	FALSE
-0,085	0,300	-0,003	0,011	0,104	FALSE
-0,025	0,282	0,000	0,013	0,010	FALSE
0,167	0,300	0,007	0,015	0,187	FALSE
-0,105	0,282	-0,004	0,012	0,145	FALSE
-0,034	0,262	-0,002	0,010	0,085	FALSE
0,046	0,286	0,001	0,010	0,050	FALSE
0,155	0,292	0,007	0,016	0,194	FALSE
0,190	0,275	0,008	0,013	0,264	FALSE
0,132	0,278	0,004	0,012	0,114	FALSE
0,109	0,281	0,005	0,013	0,152	FALSE
-0,108	0,296	-0,005	0,013	0,166	FALSE
0,001	0,278	0,000	0,008	0,004	FALSE
0,039	0,289	0,002	0,015	0,047	FALSE
0,038	0,285	0,002	0,016	0,052	FALSE
0,008	0,290	0,001	0,016	0,011	FALSE
0,118	0,274	0,005	0,010	0,191	FALSE
0,096	0,278	0,004	0,018	0,091	FALSE
-0,138	0,275	-0,010	0,017	0,234	FALSE
0,095	0,279	0,003	0,014	0,071	FALSE
-0,067	0,294	-0,003	0,015	0,070	FALSE
-0,013	0,294	-0,001	0,017	0,017	FALSE
-0,153	0,282	-0,008	0,016	0,197	FALSE
0,057	0,284	0,002	0,011	0,062	FALSE
-0,063	0,281	-0,002	0,009	0,093	FALSE
-0,042	0,281	-0,002	0,009	0,096	FALSE
0,005	0,281	0,000	0,018	0,003	FALSE
0,139	0,287	0,005	0,011	0,187	FALSE
-0,028	0,278	-0,003	0,016	0,073	FALSE
-0,144	0,287	-0,005	0,012	0,189	FALSE
-0,007	0,271	-0,002	0,017	0,034	FALSE
-0,075	0,279	-0,001	0,012	0,044	FALSE
0,010	0,281	0,002	0,016	0,055	FALSE
0,066	0,286	0,002	0,012	0,070	FALSE
-0,018	0,282	0,000	0,016	0,008	FALSE
-0,094	0,294	-0,001	0,014	0,034	FALSE
0,310	0,267	0,016	0,015	0,535	FALSE
0,199	0,277	0,010	0,012	0,356	FALSE
-0,046	0,289	-0,002	0,016	0,056	FALSE
0,019	0,273	0,001	0,013	0,016	FALSE

0,069	0,282	0,003	0,009	0,131	FALSE
-0,168	0,279	-0,007	0,017	0,162	FALSE
-0,105	0,284	-0,003	0,009	0,142	FALSE
-0,125	0,273	-0,004	0,009	0,199	FALSE
-0,096	0,294	-0,004	0,010	0,149	FALSE
-0,057	0,286	-0,002	0,014	0,041	FALSE
0,103	0,272	0,002	0,009	0,093	FALSE
-0,011	0,286	-0,001	0,009	0,020	FALSE
0,021	0,284	0,001	0,009	0,029	FALSE
0,053	0,278	0,003	0,013	0,075	FALSE
-0,024	0,285	-0,002	0,014	0,041	FALSE
-0,026	0,297	-0,002	0,014	0,067	FALSE
0,022	0,288	-0,001	0,010	0,031	FALSE
-0,120	0,273	-0,003	0,010	0,123	FALSE
0,031	0,276	-0,001	0,013	0,022	FALSE
0,142	0,297	0,006	0,012	0,205	FALSE
0,037	0,284	0,000	0,009	0,014	FALSE
0,135	0,282	0,008	0,018	0,177	FALSE
0,185	0,260	0,007	0,010	0,282	FALSE
-0,100	0,306	-0,004	0,015	0,114	FALSE
0,073	0,301	0,004	0,016	0,096	FALSE
0,077	0,286	0,005	0,017	0,122	FALSE
0,088	0,295	0,006	0,018	0,134	FALSE
-0,068	0,288	-0,003	0,014	0,093	FALSE
0,102	0,280	0,008	0,016	0,220	FALSE
-0,131	0,283	-0,008	0,017	0,195	FALSE
-0,042	0,280	-0,001	0,013	0,039	FALSE
0,043	0,286	0,000	0,010	0,006	FALSE
-0,118	0,281	-0,005	0,011	0,174	FALSE
0,151	0,284	0,007	0,015	0,182	FALSE
0,036	0,282	0,002	0,017	0,051	FALSE
0,018	0,284	0,000	0,015	0,011	FALSE
0,164	0,277	0,006	0,011	0,224	FALSE
-0,137	0,285	-0,008	0,013	0,270	FALSE
-0,141	0,289	-0,008	0,012	0,290	FALSE
0,072	0,277	0,001	0,009	0,029	FALSE
-0,086	0,294	-0,002	0,010	0,088	FALSE
-0,004	0,269	0,001	0,010	0,035	FALSE
-0,035	0,290	-0,002	0,016	0,036	FALSE
-0,154	0,295	-0,006	0,013	0,184	FALSE
0,199	0,276	0,007	0,011	0,286	FALSE
-0,013	0,283	0,001	0,010	0,027	FALSE
0,099	0,272	0,003	0,009	0,155	FALSE
-0,008	0,288	0,001	0,010	0,021	FALSE
0,081	0,291	0,003	0,009	0,120	FALSE
0,114	0,277	0,004	0,013	0,131	FALSE
0,023	0,268	0,000	0,012	0,009	FALSE
0,210	0,273	0,007	0,012	0,260	FALSE
0,196	0,270	0,009	0,012	0,321	FALSE
0,087	0,286	0,006	0,016	0,150	FALSE
0,199	0,273	0,007	0,013	0,257	FALSE
0,366	0,262	0,022	0,017	0,683	FALSE
-0,012	0,284	0,000	0,010	0,011	FALSE

0,219	0,272	0,007	0,010	0,351	FALSE
-0,040	0,290	-0,001	0,011	0,028	FALSE
0,088	0,278	0,001	0,012	0,022	FALSE
-0,055	0,279	-0,001	0,010	0,027	FALSE
-0,042	0,286	-0,002	0,009	0,069	FALSE
-0,136	0,279	-0,006	0,011	0,220	FALSE
-0,061	0,286	-0,002	0,010	0,091	FALSE
-0,022	0,305	-0,002	0,018	0,040	FALSE
0,205	0,259	0,005	0,009	0,223	FALSE
-0,100	0,286	0,000	0,011	0,009	FALSE
-0,076	0,284	-0,005	0,018	0,108	FALSE
-0,062	0,267	-0,003	0,017	0,064	FALSE
0,149	0,282	0,004	0,010	0,180	FALSE
0,080	0,291	0,002	0,011	0,089	FALSE
-0,062	0,275	-0,002	0,017	0,048	FALSE
-0,262	0,287	-0,009	0,012	0,356	FALSE
0,058	0,280	0,002	0,013	0,068	FALSE
0,027	0,279	0,002	0,016	0,036	FALSE
-0,144	0,290	-0,008	0,018	0,200	FALSE
-0,084	0,287	-0,003	0,009	0,118	FALSE
0,154	0,279	0,009	0,017	0,225	FALSE
-0,124	0,289	-0,008	0,018	0,180	FALSE
-0,067	0,282	-0,001	0,009	0,027	FALSE
-0,062	0,274	0,000	0,008	0,022	FALSE
-0,193	0,287	-0,009	0,014	0,277	FALSE
-0,086	0,301	-0,004	0,015	0,093	FALSE
0,111	0,291	0,004	0,010	0,168	FALSE
0,189	0,272	0,010	0,015	0,303	FALSE
0,023	0,263	0,000	0,011	0,012	FALSE
-0,029	0,265	0,001	0,009	0,028	FALSE
-0,057	0,284	-0,001	0,015	0,028	FALSE
-0,079	0,306	-0,002	0,013	0,065	FALSE
-0,062	0,276	-0,002	0,009	0,088	FALSE
0,001	0,307	-0,001	0,016	0,016	FALSE
-0,090	0,282	-0,002	0,012	0,072	FALSE
-0,124	0,281	-0,007	0,018	0,161	FALSE
-0,118	0,285	-0,004	0,012	0,143	FALSE
-0,107	0,295	-0,005	0,017	0,114	FALSE
-0,179	0,275	-0,009	0,017	0,219	FALSE
-0,170	0,285	-0,005	0,011	0,178	FALSE
0,077	0,277	0,005	0,013	0,142	FALSE
-0,125	0,289	-0,005	0,015	0,139	FALSE
-0,023	0,290	0,001	0,010	0,028	FALSE
0,134	0,278	0,005	0,012	0,164	FALSE
-0,151	0,292	-0,005	0,010	0,217	FALSE
-0,031	0,296	-0,001	0,017	0,031	FALSE
0,103	0,286	0,004	0,009	0,167	FALSE
-0,062	0,296	-0,003	0,014	0,075	FALSE
-0,050	0,279	-0,004	0,014	0,129	FALSE
0,010	0,281	0,002	0,012	0,046	FALSE
-0,170	0,283	-0,006	0,010	0,268	FALSE
-0,020	0,291	0,000	0,009	0,014	FALSE
0,105	0,290	0,005	0,009	0,211	FALSE

-0,094	0,280	-0,005	0,011	0,175	FALSE
-0,048	0,275	-0,003	0,011	0,112	FALSE
-0,025	0,277	-0,001	0,017	0,015	FALSE
0,292	0,276	0,012	0,012	0,485	FALSE
-0,028	0,282	0,000	0,010	0,006	FALSE
0,025	0,289	0,000	0,010	0,001	FALSE
-0,256	0,284	-0,013	0,017	0,362	FALSE
-0,024	0,277	-0,003	0,013	0,095	FALSE
-0,187	0,275	-0,009	0,015	0,251	FALSE
-0,048	0,286	-0,001	0,014	0,034	FALSE
0,065	0,278	0,002	0,012	0,077	FALSE
-0,035	0,276	-0,002	0,012	0,051	FALSE
-0,085	0,293	-0,005	0,017	0,102	FALSE
-0,097	0,287	-0,004	0,014	0,099	FALSE
0,038	0,274	0,003	0,017	0,069	FALSE
0,038	0,289	0,003	0,015	0,078	FALSE
-0,116	0,285	-0,006	0,017	0,156	FALSE
0,034	0,286	0,002	0,011	0,066	FALSE
0,121	0,269	0,004	0,008	0,175	FALSE
-0,166	0,287	-0,007	0,013	0,226	FALSE
0,032	0,281	0,000	0,014	0,003	FALSE
-0,079	0,286	-0,001	0,009	0,053	FALSE
0,142	0,269	0,006	0,011	0,229	FALSE
0,126	0,288	0,004	0,009	0,189	FALSE
-0,057	0,278	-0,003	0,009	0,127	FALSE
0,136	0,278	0,009	0,014	0,270	FALSE
0,061	0,291	0,005	0,014	0,143	FALSE
-0,036	0,281	-0,002	0,010	0,067	FALSE
0,111	0,266	0,005	0,010	0,206	FALSE
-0,026	0,289	-0,001	0,015	0,024	FALSE
-0,181	0,264	-0,009	0,011	0,384	FALSE
-0,035	0,268	-0,002	0,010	0,083	FALSE
-0,013	0,278	-0,001	0,014	0,037	FALSE
0,013	0,283	0,000	0,009	0,014	FALSE
-0,039	0,271	-0,003	0,017	0,063	FALSE
0,086	0,279	0,001	0,017	0,024	FALSE
-0,088	0,292	-0,004	0,012	0,140	FALSE
-0,060	0,289	-0,003	0,010	0,095	FALSE
0,030	0,283	0,002	0,010	0,056	FALSE
-0,102	0,275	-0,005	0,015	0,121	FALSE
-0,077	0,276	-0,005	0,015	0,123	FALSE
0,097	0,274	0,006	0,011	0,203	FALSE
0,094	0,266	0,005	0,015	0,143	FALSE
0,224	0,265	0,012	0,015	0,378	FALSE
0,155	0,262	0,008	0,015	0,241	FALSE
-0,013	0,285	0,000	0,010	0,015	FALSE
-0,078	0,294	-0,003	0,013	0,102	FALSE
-0,072	0,278	-0,003	0,011	0,125	FALSE
0,002	0,281	-0,001	0,013	0,022	FALSE
-0,128	0,293	-0,004	0,016	0,104	FALSE
0,138	0,271	0,003	0,009	0,126	FALSE
0,082	0,283	0,002	0,012	0,070	FALSE
-0,041	0,292	-0,001	0,012	0,019	FALSE

-0,046	0,293	-0,002	0,016	0,053	FALSE
-0,038	0,273	-0,002	0,010	0,056	FALSE
0,236	0,290	0,008	0,009	0,370	FALSE
0,079	0,273	0,003	0,009	0,122	FALSE
-0,025	0,288	-0,001	0,010	0,041	FALSE
-0,172	0,277	-0,008	0,016	0,200	FALSE
-0,026	0,280	-0,003	0,011	0,100	FALSE
0,089	0,287	0,002	0,008	0,075	FALSE
-0,169	0,269	-0,006	0,014	0,165	FALSE
0,011	0,288	0,001	0,012	0,026	FALSE
0,085	0,285	0,003	0,010	0,120	FALSE
0,164	0,274	0,006	0,012	0,199	FALSE
-0,023	0,308	0,000	0,015	0,001	FALSE
0,162	0,278	0,009	0,017	0,214	FALSE
-0,013	0,275	0,002	0,014	0,051	FALSE
-0,183	0,278	-0,006	0,010	0,254	FALSE
-0,009	0,276	-0,001	0,017	0,023	FALSE
-0,067	0,283	-0,002	0,011	0,088	FALSE
-0,004	0,286	0,000	0,009	0,001	FALSE
-0,025	0,298	-0,001	0,011	0,020	FALSE
-0,013	0,298	0,000	0,012	0,012	FALSE
-0,034	0,299	-0,002	0,011	0,055	FALSE
-0,080	0,284	-0,002	0,010	0,098	FALSE
0,019	0,278	0,001	0,011	0,027	FALSE
-0,179	0,286	-0,008	0,012	0,280	FALSE
-0,152	0,292	-0,006	0,012	0,221	FALSE
-0,160	0,283	-0,005	0,009	0,209	FALSE
-0,038	0,277	-0,003	0,015	0,083	FALSE
0,022	0,292	0,001	0,018	0,019	FALSE
-0,015	0,273	-0,001	0,013	0,025	FALSE
-0,122	0,274	-0,006	0,014	0,171	FALSE
-0,053	0,273	-0,001	0,011	0,034	FALSE
0,122	0,276	0,005	0,014	0,138	FALSE
0,046	0,273	0,002	0,015	0,036	FALSE
0,041	0,276	0,001	0,015	0,031	FALSE
0,028	0,288	0,001	0,015	0,020	FALSE
-0,069	0,291	-0,004	0,016	0,095	FALSE
0,043	0,283	0,001	0,017	0,020	FALSE
0,002	0,283	-0,001	0,010	0,049	FALSE
0,089	0,285	0,003	0,009	0,127	FALSE
0,084	0,306	0,003	0,009	0,113	FALSE
0,118	0,287	0,007	0,016	0,168	FALSE
0,071	0,265	0,005	0,015	0,135	FALSE
-0,059	0,278	-0,001	0,012	0,025	FALSE
-0,029	0,287	-0,001	0,008	0,041	FALSE
0,150	0,267	0,005	0,009	0,246	FALSE
-0,007	0,280	-0,001	0,008	0,026	FALSE
-0,094	0,285	-0,004	0,012	0,136	FALSE
-0,168	0,283	-0,004	0,010	0,171	FALSE
-0,209	0,274	-0,006	0,012	0,209	FALSE
-0,154	0,268	-0,004	0,014	0,114	FALSE
-0,066	0,282	-0,002	0,011	0,078	FALSE
0,043	0,283	0,003	0,014	0,068	FALSE

0,061	0,295	0,001	0,014	0,034	FALSE
0,082	0,290	0,001	0,011	0,029	FALSE
0,014	0,295	0,002	0,009	0,061	FALSE
-0,009	0,271	-0,001	0,014	0,025	FALSE
-0,082	0,293	-0,003	0,009	0,109	FALSE
0,009	0,278	0,002	0,012	0,061	FALSE
0,166	0,276	0,005	0,017	0,128	FALSE
0,123	0,285	0,006	0,013	0,182	FALSE
-0,106	0,290	-0,003	0,011	0,106	FALSE
-0,122	0,276	-0,007	0,017	0,165	FALSE
0,119	0,292	0,004	0,011	0,133	FALSE
-0,203	0,289	-0,008	0,013	0,270	FALSE
0,175	0,278	0,007	0,014	0,228	FALSE
-0,019	0,290	0,001	0,016	0,023	FALSE
-0,058	0,266	-0,002	0,015	0,048	FALSE
0,113	0,287	0,006	0,017	0,138	FALSE
0,052	0,282	0,003	0,010	0,102	FALSE
-0,191	0,280	-0,005	0,010	0,192	FALSE
0,110	0,284	0,005	0,016	0,123	FALSE
-0,211	0,282	-0,006	0,009	0,290	FALSE
-0,128	0,282	-0,003	0,009	0,143	FALSE
0,025	0,290	0,000	0,010	0,009	FALSE
0,003	0,294	0,000	0,016	0,000	FALSE
-0,225	0,289	-0,006	0,009	0,332	FALSE
-0,042	0,281	-0,002	0,009	0,086	FALSE
-0,087	0,277	-0,003	0,011	0,107	FALSE
-0,048	0,279	0,001	0,011	0,021	FALSE
-0,097	0,296	-0,002	0,011	0,053	FALSE
-0,100	0,266	-0,002	0,011	0,080	FALSE
0,078	0,294	0,001	0,009	0,057	FALSE
0,058	0,287	0,003	0,009	0,121	FALSE
-0,028	0,284	0,000	0,010	0,009	FALSE
0,078	0,273	0,003	0,009	0,107	FALSE
0,021	0,292	0,000	0,010	0,009	FALSE
-0,089	0,276	-0,002	0,013	0,056	FALSE
-0,016	0,291	-0,002	0,015	0,039	FALSE
-0,121	0,285	-0,004	0,012	0,128	FALSE
-0,157	0,278	-0,004	0,009	0,194	FALSE
0,144	0,266	0,006	0,010	0,286	FALSE
-0,015	0,283	-0,001	0,013	0,039	FALSE
0,058	0,293	0,003	0,018	0,065	FALSE
0,135	0,272	0,003	0,010	0,111	FALSE
0,050	0,269	0,003	0,010	0,135	FALSE
-0,028	0,270	0,002	0,012	0,065	FALSE
-0,085	0,270	-0,004	0,009	0,158	FALSE
0,041	0,282	0,001	0,010	0,049	FALSE
-0,083	0,296	-0,002	0,009	0,065	FALSE
0,086	0,298	0,004	0,010	0,150	FALSE
0,015	0,290	-0,002	0,017	0,034	FALSE
-0,096	0,283	-0,004	0,017	0,086	FALSE
0,038	0,285	0,000	0,011	0,002	FALSE
0,184	0,296	0,009	0,016	0,240	FALSE
-0,070	0,274	-0,003	0,009	0,152	FALSE

0,140	0,267	0,006	0,014	0,176	FALSE
-0,038	0,286	-0,001	0,009	0,053	FALSE
-0,041	0,294	-0,001	0,009	0,035	FALSE
0,023	0,290	0,000	0,009	0,006	FALSE
0,164	0,287	0,005	0,012	0,194	FALSE
-0,082	0,289	-0,003	0,011	0,106	FALSE
-0,034	0,294	-0,002	0,009	0,093	FALSE
-0,038	0,282	-0,003	0,012	0,093	FALSE
-0,185	0,274	-0,009	0,015	0,268	FALSE
-0,135	0,270	-0,006	0,015	0,152	FALSE
-0,170	0,276	-0,008	0,014	0,235	FALSE
-0,172	0,288	-0,005	0,010	0,202	FALSE
-0,104	0,295	-0,001	0,011	0,036	FALSE
0,076	0,271	0,002	0,015	0,047	FALSE
-0,026	0,282	0,000	0,015	0,004	FALSE
-0,080	0,278	-0,004	0,013	0,130	FALSE
-0,025	0,288	-0,001	0,010	0,049	FALSE
0,001	0,301	-0,001	0,013	0,023	FALSE
0,022	0,290	0,001	0,017	0,028	FALSE
-0,116	0,287	-0,004	0,017	0,095	FALSE
0,107	0,274	0,003	0,010	0,101	FALSE
-0,075	0,294	-0,001	0,009	0,057	FALSE
-0,199	0,282	-0,005	0,009	0,264	FALSE
0,153	0,285	0,007	0,016	0,191	FALSE
-0,161	0,272	-0,009	0,015	0,264	FALSE
-0,083	0,279	-0,004	0,014	0,105	FALSE
0,016	0,295	-0,001	0,018	0,015	FALSE
-0,111	0,292	-0,003	0,011	0,087	FALSE
-0,037	0,267	-0,003	0,012	0,101	FALSE
0,060	0,289	0,004	0,013	0,104	FALSE
-0,063	0,276	-0,002	0,011	0,058	FALSE
-0,101	0,288	-0,005	0,013	0,164	FALSE
-0,121	0,286	-0,005	0,015	0,136	FALSE
0,038	0,276	0,002	0,014	0,055	FALSE
-0,091	0,288	-0,003	0,010	0,117	FALSE
0,195	0,281	0,007	0,012	0,275	FALSE
0,083	0,282	0,001	0,010	0,043	FALSE
-0,060	0,284	0,000	0,009	0,016	FALSE
0,096	0,281	0,004	0,013	0,127	FALSE
-0,082	0,291	-0,003	0,009	0,144	FALSE
-0,088	0,292	-0,002	0,009	0,062	FALSE
-0,092	0,291	-0,002	0,009	0,063	FALSE
-0,050	0,298	-0,003	0,017	0,068	FALSE
-0,149	0,287	-0,005	0,009	0,216	FALSE
-0,056	0,286	-0,003	0,017	0,069	FALSE
-0,034	0,289	-0,002	0,018	0,034	FALSE
0,199	0,268	0,009	0,014	0,302	FALSE
0,084	0,293	0,002	0,010	0,075	FALSE
-0,185	0,296	-0,004	0,009	0,208	FALSE
0,139	0,289	0,008	0,016	0,222	FALSE
0,169	0,286	0,006	0,011	0,252	FALSE
0,081	0,270	0,002	0,010	0,062	FALSE
0,157	0,287	0,009	0,013	0,325	FALSE

0,073	0,273	0,008	0,015	0,204	FALSE
-0,031	0,285	-0,001	0,009	0,054	FALSE
-0,028	0,269	-0,005	0,016	0,137	FALSE
0,019	0,290	0,002	0,009	0,072	FALSE
0,053	0,285	0,003	0,017	0,076	FALSE
0,040	0,287	0,003	0,009	0,109	FALSE
0,079	0,274	0,005	0,012	0,157	FALSE
0,077	0,303	0,004	0,011	0,135	FALSE
0,026	0,272	0,001	0,010	0,026	FALSE
0,018	0,276	0,001	0,016	0,029	FALSE
-0,213	0,273	-0,013	0,015	0,406	FALSE
0,182	0,272	0,008	0,015	0,249	FALSE
0,087	0,284	0,005	0,016	0,132	FALSE
-0,050	0,298	-0,005	0,018	0,113	FALSE
-0,052	0,297	-0,006	0,018	0,120	FALSE
0,135	0,281	0,004	0,012	0,139	FALSE
0,145	0,286	0,006	0,011	0,232	FALSE
0,035	0,269	0,000	0,017	0,010	FALSE
-0,079	0,286	-0,002	0,013	0,064	FALSE
-0,049	0,275	-0,006	0,016	0,145	FALSE
-0,213	0,275	-0,006	0,008	0,325	FALSE
0,001	0,295	0,000	0,015	0,003	FALSE
0,007	0,286	0,000	0,009	0,000	FALSE
0,129	0,281	0,005	0,010	0,205	FALSE
0,079	0,272	0,005	0,015	0,147	FALSE
0,136	0,265	0,008	0,014	0,243	FALSE
-0,063	0,264	-0,001	0,010	0,040	FALSE
-0,097	0,263	-0,002	0,009	0,083	FALSE
-0,077	0,281	-0,003	0,017	0,060	FALSE
-0,055	0,278	-0,002	0,016	0,042	FALSE
0,240	0,265	0,007	0,010	0,346	FALSE
0,030	0,283	0,003	0,009	0,119	FALSE
0,183	0,275	0,007	0,013	0,241	FALSE
-0,101	0,276	-0,003	0,010	0,143	FALSE
-0,092	0,290	-0,006	0,016	0,159	FALSE
0,053	0,299	0,002	0,014	0,049	FALSE
-0,045	0,281	-0,003	0,015	0,068	FALSE
0,059	0,283	0,001	0,009	0,061	FALSE
0,032	0,295	0,001	0,011	0,029	FALSE
0,094	0,289	0,002	0,012	0,061	FALSE
-0,098	0,267	-0,006	0,013	0,170	FALSE
0,093	0,290	0,003	0,014	0,093	FALSE
0,046	0,270	0,003	0,017	0,066	FALSE
-0,064	0,282	-0,002	0,014	0,052	FALSE
-0,057	0,296	-0,001	0,012	0,021	FALSE
-0,075	0,281	-0,003	0,011	0,092	FALSE
-0,036	0,289	-0,006	0,018	0,138	FALSE
-0,042	0,292	-0,003	0,014	0,074	FALSE
-0,083	0,286	-0,003	0,011	0,108	FALSE
0,016	0,276	0,000	0,010	0,008	FALSE
0,096	0,276	0,003	0,011	0,117	FALSE
0,173	0,280	0,009	0,015	0,259	FALSE
0,003	0,286	0,000	0,011	0,004	FALSE

0,215	0,277	0,007	0,011	0,296	FALSE
-0,005	0,293	0,001	0,018	0,013	FALSE
-0,041	0,293	-0,001	0,010	0,038	FALSE
-0,109	0,282	-0,004	0,012	0,116	FALSE
0,218	0,263	0,008	0,011	0,315	FALSE
-0,176	0,283	-0,006	0,013	0,191	FALSE
-0,049	0,280	-0,003	0,012	0,084	FALSE
0,165	0,276	0,006	0,018	0,130	FALSE
-0,008	0,296	0,002	0,010	0,060	FALSE
0,082	0,278	0,002	0,012	0,070	FALSE
0,039	0,277	0,001	0,010	0,035	FALSE
0,114	0,271	0,005	0,013	0,169	FALSE
0,001	0,280	-0,002	0,018	0,042	FALSE
0,065	0,295	0,002	0,016	0,053	FALSE
0,042	0,287	0,001	0,011	0,032	FALSE
0,027	0,290	0,002	0,018	0,031	FALSE
0,153	0,290	0,007	0,013	0,222	FALSE
0,227	0,271	0,006	0,008	0,342	FALSE
0,003	0,283	-0,001	0,016	0,025	FALSE
0,002	0,297	0,002	0,010	0,067	FALSE
-0,119	0,289	-0,007	0,014	0,222	FALSE
-0,141	0,273	-0,007	0,016	0,169	FALSE
-0,058	0,300	-0,004	0,017	0,102	FALSE
-0,120	0,277	-0,004	0,009	0,163	FALSE
0,069	0,298	0,003	0,010	0,126	FALSE
-0,001	0,293	0,000	0,011	0,010	FALSE
-0,013	0,295	0,000	0,013	0,011	FALSE
-0,028	0,288	0,000	0,012	0,011	FALSE
0,080	0,274	0,002	0,010	0,061	FALSE
-0,031	0,275	-0,002	0,014	0,061	FALSE
-0,006	0,281	0,000	0,015	0,000	FALSE
-0,034	0,306	-0,001	0,010	0,030	FALSE
0,136	0,268	0,005	0,010	0,200	FALSE
0,038	0,276	0,000	0,017	0,009	FALSE
-0,031	0,276	-0,001	0,011	0,044	FALSE
-0,167	0,273	-0,011	0,017	0,281	FALSE
0,017	0,282	0,000	0,010	0,011	FALSE
0,344	0,248	0,010	0,009	0,584	FALSE
-0,130	0,304	-0,004	0,011	0,125	FALSE
-0,241	0,275	-0,009	0,012	0,314	FALSE
-0,076	0,288	-0,002	0,016	0,051	FALSE
-0,039	0,291	-0,001	0,014	0,027	FALSE
-0,052	0,279	-0,004	0,017	0,084	FALSE
0,120	0,282	0,007	0,018	0,167	FALSE
0,007	0,279	0,001	0,010	0,046	FALSE
0,216	0,269	0,009	0,013	0,291	FALSE
-0,093	0,287	-0,007	0,017	0,173	FALSE
0,206	0,279	0,006	0,009	0,309	FALSE
-0,082	0,274	-0,004	0,015	0,099	FALSE
0,072	0,273	0,002	0,010	0,073	FALSE
0,036	0,287	0,002	0,018	0,039	FALSE
-0,070	0,287	-0,005	0,015	0,114	FALSE
0,019	0,293	0,001	0,017	0,024	FALSE

-0,006	0,274	-0,001	0,014	0,022	FALSE
0,053	0,271	0,001	0,010	0,023	FALSE
-0,101	0,279	-0,003	0,010	0,126	FALSE
0,106	0,272	0,004	0,010	0,158	FALSE
-0,216	0,277	-0,006	0,010	0,270	FALSE
-0,060	0,292	0,000	0,011	0,014	FALSE
-0,040	0,294	-0,002	0,017	0,040	FALSE
-0,021	0,293	0,001	0,011	0,017	FALSE
0,005	0,299	0,000	0,014	0,000	FALSE
0,003	0,278	0,000	0,010	0,008	FALSE
-0,059	0,282	-0,002	0,015	0,060	FALSE
-0,056	0,291	-0,002	0,015	0,046	FALSE
0,059	0,278	0,002	0,012	0,076	FALSE
0,046	0,293	0,001	0,012	0,035	FALSE
-0,036	0,290	-0,002	0,013	0,052	FALSE
0,053	0,282	0,001	0,010	0,034	FALSE
0,000	0,287	0,002	0,010	0,076	FALSE
-0,040	0,297	-0,003	0,017	0,072	FALSE
-0,119	0,271	-0,004	0,010	0,177	FALSE
-0,089	0,292	-0,003	0,009	0,126	FALSE
0,048	0,286	0,002	0,012	0,057	FALSE
-0,054	0,283	-0,003	0,017	0,057	FALSE
0,052	0,290	0,005	0,011	0,169	FALSE
0,122	0,276	0,004	0,013	0,128	FALSE
-0,047	0,279	-0,003	0,010	0,109	FALSE
-0,065	0,287	-0,001	0,010	0,045	FALSE
-0,064	0,288	-0,002	0,013	0,067	FALSE
0,128	0,268	0,008	0,015	0,218	FALSE
0,099	0,281	0,005	0,017	0,109	FALSE
0,079	0,287	0,004	0,017	0,100	FALSE
0,033	0,270	0,002	0,012	0,066	FALSE
0,027	0,258	0,002	0,013	0,067	FALSE
-0,146	0,275	-0,006	0,016	0,156	FALSE
-0,102	0,290	-0,003	0,017	0,074	FALSE
0,111	0,285	0,004	0,010	0,164	FALSE
-0,153	0,295	-0,005	0,009	0,212	FALSE
-0,041	0,297	0,000	0,009	0,013	FALSE
0,029	0,269	-0,002	0,010	0,058	FALSE
0,055	0,285	0,001	0,013	0,039	FALSE
-0,038	0,277	-0,002	0,017	0,044	FALSE
0,007	0,279	0,000	0,017	0,007	FALSE
0,051	0,293	0,002	0,012	0,070	FALSE
0,013	0,290	0,001	0,016	0,029	FALSE
0,058	0,301	0,004	0,017	0,077	FALSE
0,118	0,275	0,006	0,018	0,133	FALSE
0,113	0,265	0,002	0,010	0,092	FALSE
0,018	0,269	0,005	0,017	0,122	FALSE
-0,159	0,276	-0,004	0,008	0,213	FALSE
0,022	0,292	0,001	0,011	0,039	FALSE
-0,039	0,283	-0,002	0,009	0,093	FALSE
-0,039	0,293	-0,001	0,013	0,037	FALSE
-0,038	0,288	-0,001	0,013	0,033	FALSE
-0,011	0,270	0,000	0,014	0,007	FALSE

0,072	0,289	0,004	0,016	0,107	FALSE
0,075	0,285	0,005	0,016	0,113	FALSE
0,011	0,287	0,000	0,009	0,003	FALSE
0,144	0,266	0,006	0,016	0,157	FALSE
0,029	0,297	0,001	0,010	0,041	FALSE
-0,133	0,275	-0,006	0,016	0,149	FALSE
-0,097	0,263	-0,004	0,009	0,197	FALSE
-0,007	0,287	0,001	0,014	0,031	FALSE
-0,009	0,287	0,001	0,014	0,026	FALSE
-0,008	0,269	0,001	0,017	0,012	FALSE
-0,023	0,278	-0,001	0,015	0,018	FALSE
-0,031	0,276	-0,001	0,011	0,040	FALSE
0,050	0,283	0,004	0,017	0,100	FALSE
-0,005	0,288	0,002	0,013	0,055	FALSE
0,024	0,276	0,002	0,017	0,044	FALSE
0,060	0,291	0,004	0,009	0,166	FALSE
0,016	0,303	0,001	0,017	0,013	FALSE
0,009	0,298	0,000	0,017	0,001	FALSE
0,019	0,281	0,001	0,013	0,042	FALSE
-0,013	0,270	-0,001	0,011	0,016	FALSE
0,108	0,285	0,007	0,013	0,222	FALSE
-0,154	0,277	-0,006	0,011	0,226	FALSE
-0,073	0,292	-0,002	0,014	0,062	FALSE
-0,068	0,293	-0,001	0,009	0,059	FALSE
0,265	0,263	0,009	0,011	0,363	FALSE
-0,125	0,289	-0,006	0,011	0,241	FALSE
0,057	0,292	0,005	0,015	0,119	FALSE
-0,149	0,270	-0,005	0,011	0,192	FALSE
0,019	0,297	0,002	0,012	0,061	FALSE
0,087	0,274	0,004	0,013	0,142	FALSE
-0,111	0,279	-0,004	0,014	0,126	FALSE
-0,032	0,275	0,000	0,012	0,009	FALSE
0,254	0,281	0,014	0,017	0,402	FALSE
0,013	0,279	0,003	0,015	0,082	FALSE
0,014	0,291	0,002	0,014	0,046	FALSE
0,003	0,290	0,001	0,009	0,046	FALSE
-0,108	0,279	-0,004	0,014	0,123	FALSE
0,026	0,284	0,000	0,011	0,006	FALSE
-0,083	0,279	-0,003	0,012	0,113	FALSE
-0,151	0,289	-0,006	0,016	0,161	FALSE
0,051	0,293	0,000	0,013	0,005	FALSE
0,007	0,284	-0,002	0,013	0,058	FALSE
-0,024	0,287	-0,003	0,012	0,105	FALSE
-0,079	0,297	-0,002	0,013	0,046	FALSE
0,199	0,286	0,008	0,011	0,316	FALSE
0,303	0,276	0,011	0,011	0,490	FALSE
-0,003	0,305	0,000	0,013	0,009	FALSE
0,106	0,277	0,003	0,011	0,103	FALSE
-0,004	0,296	0,001	0,016	0,026	FALSE
0,181	0,261	0,006	0,010	0,251	FALSE
0,115	0,274	0,002	0,011	0,060	FALSE
0,162	0,285	0,005	0,009	0,273	FALSE
-0,174	0,273	-0,005	0,008	0,278	FALSE

-0,162	0,298	-0,005	0,010	0,195	FALSE
-0,013	0,287	-0,002	0,016	0,055	FALSE
0,199	0,277	0,007	0,010	0,331	FALSE
0,075	0,293	0,006	0,017	0,132	FALSE
0,068	0,282	0,005	0,017	0,115	FALSE
-0,132	0,294	-0,007	0,013	0,222	FALSE
0,172	0,284	0,005	0,010	0,217	FALSE
0,089	0,281	0,005	0,015	0,132	FALSE
0,110	0,291	0,005	0,016	0,136	FALSE
-0,079	0,270	-0,005	0,013	0,140	FALSE
0,279	0,272	0,011	0,014	0,379	FALSE
-0,081	0,277	-0,002	0,012	0,066	FALSE
-0,058	0,289	-0,002	0,017	0,052	FALSE
-0,112	0,271	-0,006	0,015	0,162	FALSE
-0,039	0,298	-0,002	0,018	0,032	FALSE
-0,153	0,296	-0,007	0,015	0,182	FALSE
-0,035	0,296	-0,001	0,018	0,010	FALSE
-0,154	0,279	-0,007	0,014	0,198	FALSE
-0,163	0,291	-0,007	0,015	0,192	FALSE
-0,091	0,277	-0,005	0,017	0,101	FALSE
-0,089	0,275	-0,004	0,015	0,093	FALSE
0,090	0,282	0,001	0,009	0,022	FALSE
-0,087	0,289	-0,005	0,014	0,138	FALSE
-0,128	0,283	-0,004	0,017	0,100	FALSE
-0,120	0,281	-0,006	0,013	0,184	FALSE
-0,107	0,291	-0,005	0,014	0,143	FALSE
0,002	0,285	-0,002	0,017	0,054	FALSE
0,163	0,279	0,004	0,009	0,195	FALSE
-0,014	0,292	-0,001	0,016	0,012	FALSE
0,011	0,290	0,002	0,015	0,054	FALSE
-0,029	0,289	-0,002	0,014	0,058	FALSE
0,078	0,285	0,006	0,018	0,138	FALSE
0,115	0,280	0,007	0,017	0,161	FALSE
-0,021	0,293	-0,001	0,013	0,034	FALSE
0,094	0,277	0,006	0,017	0,142	FALSE
-0,255	0,265	-0,016	0,017	0,436	FALSE
0,213	0,280	0,012	0,018	0,310	FALSE
0,071	0,287	0,003	0,014	0,084	FALSE
0,014	0,268	0,001	0,009	0,022	FALSE
0,029	0,276	0,001	0,009	0,037	FALSE
-0,040	0,278	-0,002	0,012	0,057	FALSE
-0,039	0,286	-0,001	0,012	0,020	FALSE
0,102	0,275	0,002	0,010	0,074	FALSE
-0,020	0,280	0,001	0,017	0,013	FALSE
0,115	0,271	0,002	0,010	0,098	FALSE
-0,118	0,268	-0,004	0,009	0,183	FALSE
-0,138	0,280	-0,006	0,014	0,192	FALSE
-0,078	0,270	-0,003	0,008	0,158	FALSE
0,026	0,299	0,003	0,017	0,075	FALSE
0,117	0,281	0,005	0,015	0,125	FALSE
0,161	0,277	0,009	0,018	0,216	FALSE
0,200	0,273	0,012	0,017	0,315	FALSE
-0,132	0,274	-0,005	0,014	0,153	FALSE

0,004	0,282	0,001	0,014	0,019	FALSE
0,024	0,279	0,002	0,015	0,044	FALSE
0,106	0,288	0,003	0,015	0,089	FALSE
0,044	0,280	0,002	0,012	0,075	FALSE
0,049	0,284	0,004	0,016	0,104	FALSE
0,121	0,285	0,005	0,010	0,199	FALSE
-0,112	0,266	-0,004	0,013	0,117	FALSE
-0,004	0,291	0,001	0,010	0,029	FALSE
0,104	0,276	0,002	0,014	0,061	FALSE
0,129	0,265	0,008	0,015	0,223	FALSE
0,021	0,290	0,000	0,011	0,005	FALSE
-0,112	0,283	-0,007	0,017	0,170	FALSE
-0,068	0,287	-0,001	0,009	0,045	FALSE
0,038	0,278	0,002	0,014	0,054	FALSE
0,056	0,285	0,003	0,012	0,105	FALSE
0,001	0,286	0,000	0,008	0,009	FALSE
-0,029	0,285	0,000	0,011	0,005	FALSE
0,229	0,269	0,010	0,015	0,313	FALSE
0,019	0,281	0,001	0,011	0,036	FALSE
0,114	0,272	0,002	0,009	0,066	FALSE
-0,161	0,266	-0,008	0,012	0,281	FALSE
-0,008	0,282	0,000	0,017	0,006	FALSE
0,085	0,292	0,002	0,016	0,035	FALSE
0,018	0,274	0,002	0,015	0,059	FALSE
0,069	0,260	0,003	0,010	0,102	FALSE
0,018	0,272	0,001	0,011	0,029	FALSE
0,040	0,265	0,002	0,016	0,048	FALSE
-0,064	0,286	-0,003	0,018	0,060	FALSE
-0,077	0,278	-0,004	0,017	0,086	FALSE
-0,050	0,280	-0,005	0,015	0,125	FALSE
-0,019	0,286	-0,001	0,008	0,023	FALSE
-0,034	0,276	-0,001	0,008	0,063	FALSE
-0,102	0,284	-0,002	0,011	0,067	FALSE
0,071	0,268	0,001	0,009	0,043	FALSE
-0,076	0,278	-0,005	0,017	0,123	FALSE
-0,145	0,274	-0,004	0,009	0,183	FALSE
-0,027	0,270	-0,001	0,015	0,024	FALSE
0,018	0,283	-0,001	0,013	0,018	FALSE
0,015	0,297	0,000	0,013	0,008	FALSE
0,166	0,284	0,005	0,013	0,165	FALSE
-0,154	0,283	-0,004	0,011	0,154	FALSE
-0,137	0,287	-0,005	0,009	0,211	FALSE
0,167	0,289	0,005	0,012	0,193	FALSE
-0,244	0,268	-0,007	0,009	0,357	FALSE
-0,236	0,282	-0,008	0,011	0,328	FALSE
0,155	0,276	0,006	0,014	0,187	FALSE
0,011	0,286	0,000	0,009	0,003	FALSE
-0,013	0,274	-0,001	0,010	0,051	FALSE
0,076	0,273	0,004	0,017	0,091	FALSE
0,155	0,290	0,007	0,017	0,179	FALSE
0,041	0,284	0,001	0,012	0,034	FALSE
0,161	0,280	0,007	0,015	0,180	FALSE
0,218	0,281	0,006	0,010	0,273	FALSE

-0,025	0,289	0,000	0,009	0,004	FALSE
-0,050	0,293	0,000	0,009	0,019	FALSE
0,091	0,287	0,003	0,010	0,103	FALSE
-0,047	0,286	-0,001	0,009	0,060	FALSE
0,019	0,280	0,002	0,012	0,072	FALSE
-0,084	0,281	-0,003	0,015	0,074	FALSE
-0,231	0,279	-0,007	0,009	0,369	FALSE
0,082	0,273	0,001	0,011	0,047	FALSE
0,036	0,276	-0,001	0,012	0,022	FALSE
0,055	0,294	0,002	0,009	0,069	FALSE
0,038	0,273	0,001	0,008	0,022	FALSE
-0,166	0,275	-0,005	0,010	0,233	FALSE
0,069	0,281	0,002	0,011	0,059	FALSE
-0,197	0,290	-0,007	0,010	0,286	FALSE
-0,282	0,276	-0,012	0,013	0,447	FALSE
-0,139	0,286	-0,004	0,009	0,165	FALSE
-0,146	0,295	-0,004	0,009	0,194	FALSE
0,043	0,276	0,002	0,015	0,060	FALSE
0,019	0,275	0,002	0,013	0,070	FALSE
0,005	0,283	0,000	0,011	0,015	FALSE
-0,072	0,274	-0,004	0,017	0,080	FALSE
0,191	0,284	0,006	0,010	0,273	FALSE
-0,025	0,279	0,000	0,016	0,009	FALSE
-0,048	0,261	-0,002	0,015	0,050	FALSE
-0,012	0,276	-0,001	0,017	0,024	FALSE
0,149	0,280	0,005	0,013	0,143	FALSE
-0,055	0,286	-0,001	0,011	0,038	FALSE
-0,078	0,282	-0,002	0,008	0,071	FALSE
-0,163	0,285	-0,006	0,012	0,203	FALSE
0,069	0,286	0,003	0,013	0,104	FALSE
0,088	0,296	0,004	0,013	0,130	FALSE
0,053	0,284	0,003	0,017	0,069	FALSE
-0,220	0,279	-0,007	0,011	0,261	FALSE
-0,167	0,292	-0,008	0,014	0,229	FALSE
0,194	0,279	0,005	0,010	0,205	FALSE
-0,168	0,273	-0,010	0,016	0,260	FALSE
-0,151	0,280	-0,009	0,017	0,226	FALSE
-0,159	0,260	-0,010	0,016	0,255	FALSE
0,041	0,280	0,001	0,017	0,030	FALSE
0,119	0,277	0,005	0,016	0,113	FALSE
-0,197	0,287	-0,011	0,018	0,280	FALSE
-0,127	0,295	-0,008	0,018	0,188	FALSE
-0,046	0,286	-0,002	0,009	0,075	FALSE
-0,064	0,294	0,000	0,009	0,011	FALSE
-0,076	0,298	-0,001	0,010	0,034	FALSE
0,137	0,274	0,005	0,016	0,126	FALSE
0,146	0,285	0,006	0,015	0,149	FALSE
0,339	0,255	0,009	0,009	0,493	FALSE
0,062	0,281	0,002	0,017	0,051	FALSE
-0,080	0,273	-0,003	0,016	0,066	FALSE
-0,056	0,270	-0,002	0,016	0,041	FALSE
-0,057	0,276	-0,005	0,017	0,109	FALSE
-0,121	0,271	-0,003	0,011	0,094	FALSE

0,039	0,283	0,000	0,013	0,011	FALSE
-0,107	0,291	-0,003	0,010	0,104	FALSE
0,096	0,277	0,001	0,008	0,047	FALSE
0,137	0,283	0,006	0,014	0,185	FALSE
0,065	0,284	0,002	0,010	0,063	FALSE
0,133	0,263	0,002	0,009	0,100	FALSE
0,026	0,287	0,001	0,012	0,035	FALSE
-0,119	0,286	-0,004	0,011	0,146	FALSE
0,011	0,286	0,000	0,013	0,009	FALSE
0,009	0,283	0,002	0,017	0,043	FALSE
-0,027	0,275	-0,003	0,015	0,072	FALSE
-0,081	0,289	-0,002	0,010	0,078	FALSE
-0,171	0,277	-0,010	0,016	0,254	FALSE
0,037	0,294	0,001	0,012	0,034	FALSE
-0,002	0,289	0,001	0,016	0,023	FALSE
-0,014	0,286	-0,001	0,017	0,022	FALSE
0,067	0,286	0,002	0,013	0,061	FALSE
0,037	0,276	0,000	0,009	0,017	FALSE
0,001	0,287	0,001	0,011	0,044	FALSE
0,076	0,271	0,003	0,012	0,080	FALSE
0,200	0,271	0,007	0,013	0,249	FALSE
0,041	0,281	0,003	0,013	0,086	FALSE
-0,115	0,273	-0,003	0,013	0,080	FALSE
-0,060	0,295	-0,001	0,010	0,031	FALSE
-0,159	0,261	-0,007	0,013	0,232	FALSE
-0,003	0,289	0,001	0,010	0,025	FALSE
-0,041	0,282	0,000	0,017	0,001	FALSE
0,047	0,283	0,001	0,012	0,031	FALSE
0,154	0,277	0,005	0,009	0,228	FALSE
-0,160	0,279	-0,007	0,010	0,280	FALSE
-0,094	0,263	-0,003	0,016	0,059	FALSE
-0,075	0,285	-0,002	0,012	0,072	FALSE
0,140	0,291	0,008	0,014	0,239	FALSE
0,116	0,290	0,004	0,011	0,153	FALSE
-0,029	0,282	-0,001	0,015	0,024	FALSE
0,209	0,268	0,011	0,016	0,315	FALSE
0,147	0,273	0,004	0,010	0,155	FALSE
0,034	0,282	0,004	0,017	0,081	FALSE
-0,016	0,288	0,000	0,017	0,005	FALSE
0,008	0,287	0,002	0,017	0,046	FALSE
-0,028	0,281	0,000	0,017	0,010	FALSE
0,094	0,284	0,005	0,013	0,153	FALSE
0,014	0,294	0,002	0,015	0,062	FALSE
-0,023	0,278	-0,001	0,013	0,021	FALSE
0,003	0,289	0,001	0,011	0,019	FALSE
-0,102	0,270	-0,005	0,015	0,134	FALSE
0,047	0,284	0,003	0,015	0,083	FALSE
-0,013	0,283	0,000	0,015	0,011	FALSE
-0,142	0,276	-0,003	0,009	0,141	FALSE
-0,117	0,295	-0,003	0,013	0,074	FALSE
-0,152	0,286	-0,005	0,011	0,179	FALSE
-0,034	0,286	-0,002	0,008	0,101	FALSE
-0,129	0,276	-0,009	0,014	0,258	FALSE

-0,101	0,288	-0,007	0,015	0,201	FALSE
-0,014	0,294	-0,001	0,015	0,026	FALSE
0,159	0,291	0,005	0,011	0,186	FALSE
-0,179	0,280	-0,008	0,016	0,211	FALSE
0,191	0,283	0,006	0,011	0,244	FALSE
0,199	0,276	0,007	0,010	0,282	FALSE
-0,048	0,282	-0,001	0,009	0,062	FALSE
-0,037	0,283	-0,001	0,018	0,016	FALSE
-0,039	0,278	-0,001	0,010	0,043	FALSE
-0,050	0,277	-0,002	0,009	0,073	FALSE
-0,012	0,298	-0,002	0,015	0,057	FALSE
0,071	0,281	0,003	0,017	0,074	FALSE
0,001	0,288	0,001	0,012	0,021	FALSE
-0,089	0,287	-0,003	0,012	0,086	FALSE
0,059	0,270	0,000	0,009	0,019	FALSE
-0,056	0,274	0,000	0,008	0,008	FALSE
-0,038	0,284	0,000	0,011	0,005	FALSE
0,102	0,285	0,002	0,009	0,099	FALSE
-0,111	0,294	-0,005	0,012	0,158	FALSE
0,077	0,278	0,004	0,012	0,130	FALSE
0,048	0,275	0,003	0,017	0,071	FALSE
-0,106	0,280	-0,007	0,017	0,168	FALSE
-0,020	0,270	-0,002	0,016	0,038	FALSE
-0,193	0,273	-0,009	0,016	0,238	FALSE
0,018	0,284	0,001	0,011	0,045	FALSE
0,071	0,285	0,002	0,015	0,048	FALSE
0,047	0,284	0,002	0,012	0,069	FALSE
-0,088	0,285	-0,001	0,011	0,028	FALSE
-0,339	0,261	-0,020	0,018	0,586	FALSE
0,394	0,245	0,022	0,017	0,696	FALSE
0,349	0,276	0,021	0,018	0,612	FALSE
0,128	0,265	0,001	0,010	0,055	FALSE
0,205	0,249	0,004	0,008	0,198	FALSE
0,291	0,258	0,007	0,009	0,361	FALSE
0,004	0,287	-0,002	0,011	0,073	FALSE
0,104	0,277	0,004	0,017	0,095	FALSE
-0,070	0,290	-0,002	0,010	0,089	FALSE
-0,071	0,268	-0,002	0,009	0,081	FALSE
0,138	0,273	0,007	0,015	0,211	FALSE
-0,025	0,278	-0,001	0,011	0,023	FALSE
-0,120	0,297	-0,003	0,009	0,132	FALSE
-0,010	0,292	0,000	0,009	0,003	FALSE
-0,042	0,271	-0,007	0,016	0,167	FALSE
-0,152	0,278	-0,007	0,010	0,308	FALSE
-0,077	0,295	-0,002	0,010	0,067	FALSE
-0,072	0,275	-0,006	0,017	0,150	FALSE
0,019	0,295	0,001	0,015	0,013	FALSE
0,065	0,271	0,001	0,009	0,024	FALSE
0,023	0,280	0,000	0,011	0,001	FALSE
0,037	0,283	0,001	0,015	0,027	FALSE
-0,057	0,287	-0,001	0,017	0,027	FALSE
-0,029	0,288	-0,001	0,009	0,047	FALSE
-0,005	0,280	0,001	0,011	0,029	FALSE

-0,047	0,283	0,001	0,010	0,023	FALSE
0,077	0,280	0,007	0,015	0,198	FALSE
0,091	0,294	0,008	0,016	0,210	FALSE
0,058	0,286	0,006	0,015	0,176	FALSE
0,126	0,283	0,004	0,011	0,149	FALSE
-0,186	0,274	-0,007	0,012	0,235	FALSE
0,091	0,283	0,002	0,011	0,071	FALSE
0,109	0,274	0,004	0,011	0,136	FALSE
0,162	0,272	0,006	0,014	0,176	FALSE
0,038	0,285	0,003	0,016	0,075	FALSE
-0,113	0,280	-0,003	0,008	0,137	FALSE
0,052	0,283	0,002	0,012	0,046	FALSE
-0,022	0,271	-0,003	0,010	0,104	FALSE
0,080	0,290	0,004	0,015	0,107	FALSE
-0,090	0,279	-0,004	0,009	0,169	FALSE
0,017	0,295	0,002	0,010	0,065	FALSE
0,057	0,288	0,002	0,017	0,043	FALSE
-0,111	0,284	-0,004	0,011	0,159	FALSE
0,069	0,288	0,001	0,012	0,027	FALSE
-0,201	0,266	-0,011	0,013	0,401	FALSE
0,029	0,278	0,001	0,010	0,021	FALSE
-0,102	0,270	-0,007	0,015	0,174	FALSE
0,015	0,286	0,003	0,013	0,089	FALSE
-0,023	0,281	-0,001	0,009	0,051	FALSE
0,062	0,276	0,003	0,009	0,112	FALSE
-0,029	0,273	0,002	0,016	0,038	FALSE
-0,018	0,270	0,002	0,017	0,044	FALSE
-0,082	0,287	-0,002	0,013	0,048	FALSE
-0,017	0,289	-0,001	0,012	0,038	FALSE
0,110	0,284	0,007	0,012	0,249	FALSE
0,128	0,289	0,005	0,012	0,151	FALSE
-0,107	0,278	-0,002	0,013	0,053	FALSE
0,013	0,281	-0,001	0,010	0,030	FALSE
-0,148	0,280	-0,004	0,014	0,119	FALSE
-0,160	0,284	-0,004	0,015	0,113	FALSE
-0,160	0,280	-0,005	0,014	0,137	FALSE
0,255	0,247	0,016	0,018	0,447	FALSE
0,013	0,286	0,001	0,017	0,029	FALSE
0,082	0,278	0,005	0,016	0,129	FALSE
0,058	0,290	0,004	0,018	0,091	FALSE
0,025	0,281	0,002	0,017	0,036	FALSE
0,052	0,292	0,003	0,017	0,069	FALSE
0,085	0,295	0,006	0,017	0,130	FALSE
-0,085	0,277	-0,001	0,009	0,033	FALSE
-0,063	0,283	-0,002	0,009	0,102	FALSE
0,066	0,282	0,001	0,009	0,060	FALSE
-0,095	0,272	-0,004	0,014	0,112	FALSE
0,130	0,302	0,004	0,012	0,137	FALSE
0,070	0,283	0,003	0,013	0,079	FALSE
0,046	0,272	0,003	0,017	0,060	FALSE
-0,028	0,264	-0,006	0,017	0,137	FALSE
0,016	0,268	-0,003	0,017	0,067	FALSE
-0,010	0,261	-0,004	0,017	0,091	FALSE

0,023	0,262	-0,002	0,017	0,046	FALSE
0,182	0,264	0,006	0,013	0,183	FALSE
0,089	0,277	0,002	0,012	0,069	FALSE
-0,198	0,275	-0,011	0,017	0,301	FALSE
-0,097	0,292	-0,005	0,016	0,132	FALSE
-0,112	0,282	-0,006	0,015	0,161	FALSE
0,017	0,283	0,001	0,017	0,018	FALSE
-0,053	0,273	-0,004	0,016	0,103	FALSE
-0,008	0,291	-0,002	0,009	0,068	FALSE
0,096	0,276	0,003	0,015	0,080	FALSE
-0,202	0,275	-0,009	0,016	0,249	FALSE
0,033	0,287	0,003	0,016	0,084	FALSE
-0,139	0,284	-0,005	0,009	0,250	FALSE
-0,133	0,300	-0,004	0,011	0,149	FALSE
-0,142	0,279	-0,008	0,015	0,233	FALSE
-0,182	0,266	-0,009	0,013	0,315	FALSE
0,008	0,284	-0,001	0,012	0,040	FALSE
0,133	0,288	0,005	0,013	0,155	FALSE
-0,124	0,288	-0,004	0,010	0,137	FALSE
-0,051	0,283	-0,002	0,017	0,044	FALSE
0,063	0,285	0,001	0,013	0,034	FALSE
-0,092	0,288	-0,006	0,016	0,149	FALSE
-0,074	0,296	-0,002	0,009	0,086	FALSE
-0,081	0,287	-0,002	0,009	0,097	FALSE
-0,058	0,289	-0,001	0,010	0,042	FALSE
-0,128	0,282	-0,006	0,015	0,180	FALSE
0,111	0,287	0,005	0,015	0,134	FALSE
0,062	0,283	0,004	0,017	0,095	FALSE
-0,035	0,297	0,000	0,009	0,015	FALSE
-0,043	0,290	0,000	0,009	0,002	FALSE
-0,054	0,291	-0,001	0,010	0,049	FALSE
-0,026	0,265	0,000	0,013	0,011	FALSE
0,015	0,292	0,000	0,015	0,005	FALSE
-0,087	0,279	-0,002	0,010	0,089	FALSE
0,058	0,280	0,002	0,016	0,037	FALSE
-0,069	0,289	-0,001	0,010	0,048	FALSE
-0,109	0,299	-0,005	0,015	0,117	FALSE
-0,044	0,275	-0,002	0,011	0,063	FALSE
0,158	0,290	0,006	0,013	0,197	FALSE
-0,027	0,284	0,000	0,008	0,002	FALSE
-0,049	0,292	-0,002	0,013	0,046	FALSE
0,023	0,283	0,002	0,014	0,063	FALSE
-0,009	0,283	0,000	0,012	0,007	FALSE
0,029	0,284	0,003	0,016	0,062	FALSE
0,024	0,283	0,001	0,015	0,020	FALSE
0,007	0,289	0,000	0,016	0,001	FALSE
-0,052	0,287	0,000	0,015	0,009	FALSE
-0,057	0,301	0,000	0,009	0,001	FALSE
0,147	0,283	0,004	0,010	0,196	FALSE
-0,031	0,292	-0,001	0,016	0,013	FALSE
-0,202	0,271	-0,008	0,016	0,213	FALSE
-0,093	0,280	-0,002	0,012	0,057	FALSE
-0,137	0,273	-0,006	0,017	0,137	FALSE

0,076	0,274	0,003	0,011	0,102	FALSE
0,042	0,269	0,003	0,014	0,077	FALSE
0,099	0,284	0,002	0,009	0,069	FALSE
-0,014	0,273	0,002	0,016	0,037	FALSE
-0,043	0,281	0,000	0,017	0,009	FALSE
-0,016	0,294	0,000	0,010	0,011	FALSE
-0,012	0,263	0,001	0,016	0,025	FALSE
-0,065	0,289	-0,002	0,012	0,064	FALSE
0,026	0,278	0,001	0,008	0,038	FALSE
-0,082	0,303	-0,002	0,013	0,050	FALSE
0,087	0,298	0,004	0,011	0,147	FALSE
-0,016	0,269	-0,001	0,009	0,034	FALSE
-0,188	0,280	-0,006	0,011	0,214	FALSE
-0,005	0,295	-0,001	0,018	0,021	FALSE
0,179	0,271	0,006	0,011	0,231	FALSE
-0,042	0,276	-0,001	0,010	0,051	FALSE
-0,187	0,284	-0,007	0,010	0,325	FALSE
-0,184	0,277	-0,007	0,011	0,306	FALSE
0,036	0,277	0,002	0,012	0,057	FALSE
0,039	0,287	0,003	0,009	0,135	FALSE
-0,048	0,288	0,001	0,010	0,025	FALSE
-0,014	0,301	0,001	0,013	0,017	FALSE
-0,031	0,291	0,000	0,013	0,002	FALSE
-0,023	0,286	0,000	0,013	0,000	FALSE
0,109	0,288	0,004	0,011	0,144	FALSE
-0,002	0,292	0,002	0,011	0,060	FALSE
-0,002	0,280	0,001	0,014	0,022	FALSE
-0,229	0,276	-0,012	0,017	0,316	FALSE
-0,313	0,252	-0,017	0,016	0,545	FALSE
-0,080	0,295	-0,003	0,010	0,111	FALSE
-0,301	0,255	-0,014	0,014	0,533	FALSE
-0,228	0,263	-0,010	0,013	0,359	FALSE
0,078	0,288	0,002	0,010	0,070	FALSE
-0,094	0,297	-0,003	0,009	0,118	FALSE
-0,092	0,273	-0,003	0,008	0,121	FALSE
-0,060	0,296	-0,003	0,013	0,074	FALSE
0,195	0,241	0,011	0,014	0,370	FALSE
-0,147	0,285	-0,005	0,012	0,172	FALSE
0,015	0,283	0,000	0,014	0,006	FALSE
-0,053	0,293	0,000	0,009	0,013	FALSE
0,013	0,276	0,000	0,013	0,010	FALSE
0,015	0,273	-0,001	0,014	0,013	FALSE
-0,137	0,282	-0,002	0,008	0,090	FALSE
0,060	0,267	0,003	0,018	0,065	FALSE
0,195	0,286	0,005	0,009	0,261	FALSE
0,140	0,271	0,007	0,013	0,238	FALSE
0,008	0,300	-0,002	0,018	0,044	FALSE
-0,005	0,276	-0,003	0,017	0,074	FALSE
-0,016	0,289	-0,004	0,017	0,095	FALSE
-0,050	0,288	-0,002	0,017	0,040	FALSE
-0,020	0,278	0,000	0,010	0,013	FALSE
-0,133	0,279	-0,005	0,013	0,167	FALSE
-0,090	0,284	-0,002	0,012	0,052	FALSE

-0,012	0,282	0,002	0,011	0,057	FALSE
-0,013	0,285	-0,001	0,017	0,029	FALSE
0,064	0,283	0,001	0,010	0,047	FALSE
-0,136	0,275	-0,006	0,015	0,174	FALSE
-0,037	0,295	-0,004	0,018	0,077	FALSE
-0,010	0,283	-0,001	0,015	0,024	FALSE
0,221	0,276	0,011	0,016	0,337	FALSE
-0,154	0,287	-0,006	0,013	0,206	FALSE
0,262	0,274	0,008	0,010	0,365	FALSE
-0,064	0,276	-0,003	0,010	0,100	FALSE
-0,241	0,287	-0,014	0,017	0,403	FALSE
0,067	0,288	0,004	0,011	0,129	FALSE
-0,053	0,300	-0,003	0,013	0,076	FALSE
-0,063	0,297	-0,005	0,016	0,118	FALSE
0,157	0,282	0,005	0,010	0,192	FALSE
0,080	0,277	0,005	0,012	0,172	FALSE
0,239	0,276	0,006	0,009	0,301	FALSE
0,120	0,282	0,003	0,014	0,088	FALSE
-0,042	0,264	-0,002	0,013	0,067	FALSE
-0,079	0,263	-0,003	0,013	0,078	FALSE
-0,111	0,283	-0,003	0,017	0,070	FALSE
-0,031	0,290	-0,001	0,010	0,020	FALSE
-0,104	0,277	-0,006	0,015	0,167	FALSE
-0,083	0,285	-0,006	0,016	0,148	FALSE
-0,022	0,293	0,000	0,009	0,001	FALSE
-0,099	0,287	-0,003	0,011	0,110	FALSE
-0,020	0,288	-0,001	0,012	0,044	FALSE
0,134	0,291	0,004	0,015	0,106	FALSE
0,010	0,284	0,000	0,014	0,011	FALSE
0,007	0,279	-0,001	0,013	0,037	FALSE
-0,038	0,277	-0,001	0,009	0,049	FALSE
-0,056	0,295	-0,001	0,012	0,044	FALSE
0,179	0,272	0,005	0,009	0,253	FALSE
0,056	0,284	0,004	0,016	0,102	FALSE
-0,197	0,280	-0,006	0,012	0,215	FALSE
0,190	0,290	0,006	0,009	0,254	FALSE
-0,158	0,271	-0,005	0,012	0,191	FALSE
-0,183	0,270	-0,007	0,013	0,243	FALSE
0,083	0,293	0,003	0,018	0,063	FALSE
-0,098	0,287	-0,002	0,010	0,073	FALSE
-0,137	0,286	-0,005	0,017	0,129	FALSE
-0,129	0,279	-0,005	0,017	0,128	FALSE
-0,038	0,286	-0,005	0,017	0,122	FALSE
0,048	0,287	0,001	0,014	0,018	FALSE
0,014	0,282	0,000	0,013	0,002	FALSE
0,292	0,249	0,007	0,009	0,371	FALSE
-0,138	0,288	-0,009	0,016	0,238	FALSE
-0,185	0,269	-0,010	0,014	0,329	FALSE
0,059	0,281	0,005	0,011	0,186	FALSE
0,090	0,287	0,004	0,017	0,093	FALSE
-0,004	0,272	-0,002	0,011	0,052	FALSE
0,011	0,280	-0,001	0,015	0,023	FALSE
-0,026	0,282	0,000	0,013	0,007	FALSE

-0,014	0,282	0,000	0,008	0,008	FALSE
0,061	0,288	0,002	0,013	0,068	FALSE
0,131	0,286	0,005	0,015	0,125	FALSE
0,013	0,282	0,001	0,017	0,029	FALSE
0,035	0,289	0,001	0,013	0,017	FALSE
0,114	0,281	0,004	0,014	0,131	FALSE
-0,192	0,279	-0,007	0,011	0,293	FALSE
-0,147	0,274	-0,004	0,016	0,100	FALSE
-0,008	0,304	0,001	0,011	0,031	FALSE
-0,079	0,288	-0,003	0,010	0,109	FALSE
-0,033	0,282	-0,001	0,010	0,020	FALSE
-0,165	0,276	-0,007	0,017	0,176	FALSE
0,241	0,267	0,006	0,009	0,280	FALSE
0,016	0,280	-0,001	0,017	0,023	FALSE
0,129	0,284	0,006	0,018	0,121	FALSE
0,145	0,290	0,007	0,015	0,194	FALSE
-0,086	0,291	-0,002	0,011	0,076	FALSE
-0,087	0,302	-0,002	0,011	0,070	FALSE
-0,013	0,285	0,001	0,011	0,030	FALSE
-0,201	0,274	-0,007	0,014	0,209	FALSE
-0,084	0,290	-0,003	0,009	0,134	FALSE
-0,172	0,285	-0,005	0,009	0,242	FALSE
-0,204	0,264	-0,011	0,018	0,281	FALSE
0,079	0,285	0,004	0,010	0,149	FALSE
-0,060	0,294	-0,002	0,017	0,035	FALSE
-0,046	0,299	-0,001	0,017	0,020	FALSE
0,182	0,294	0,009	0,015	0,258	FALSE
-0,201	0,273	-0,013	0,015	0,392	FALSE
-0,194	0,285	-0,012	0,014	0,394	FALSE
-0,211	0,280	-0,013	0,015	0,408	FALSE
0,004	0,283	0,000	0,017	0,002	FALSE
0,012	0,280	0,000	0,013	0,012	FALSE
0,061	0,284	0,001	0,009	0,056	FALSE
0,012	0,275	0,000	0,011	0,002	FALSE
-0,127	0,285	-0,005	0,011	0,186	FALSE
0,000	0,273	-0,001	0,012	0,016	FALSE
-0,023	0,270	-0,002	0,012	0,053	FALSE
-0,101	0,275	-0,007	0,016	0,185	FALSE
0,024	0,274	0,000	0,011	0,015	FALSE
0,074	0,270	0,001	0,010	0,050	FALSE
0,035	0,271	0,000	0,010	0,006	FALSE
0,041	0,299	0,002	0,014	0,043	FALSE
-0,040	0,291	-0,001	0,009	0,036	FALSE
-0,070	0,279	-0,002	0,010	0,059	FALSE
0,185	0,277	0,009	0,015	0,285	FALSE
-0,268	0,249	-0,013	0,014	0,435	FALSE
-0,028	0,277	-0,002	0,013	0,054	FALSE
-0,032	0,278	-0,003	0,012	0,084	FALSE
-0,007	0,285	-0,001	0,014	0,032	FALSE
0,071	0,280	0,005	0,016	0,135	FALSE
0,114	0,280	0,004	0,010	0,137	FALSE
-0,116	0,292	-0,002	0,010	0,098	FALSE
-0,073	0,278	-0,002	0,016	0,048	FALSE

0,127	0,281	0,005	0,013	0,154	FALSE
-0,156	0,267	-0,006	0,010	0,249	FALSE
0,133	0,271	0,005	0,014	0,138	FALSE
0,052	0,283	0,001	0,009	0,037	FALSE
0,106	0,277	0,005	0,016	0,131	FALSE
-0,195	0,285	-0,005	0,009	0,260	FALSE
-0,017	0,289	0,000	0,010	0,016	FALSE
0,121	0,276	0,004	0,009	0,182	FALSE
-0,112	0,275	-0,005	0,014	0,135	FALSE
0,167	0,279	0,006	0,015	0,171	FALSE
-0,048	0,280	-0,002	0,009	0,083	FALSE
0,110	0,263	0,004	0,010	0,153	FALSE
-0,134	0,276	-0,009	0,016	0,237	FALSE
0,050	0,284	0,003	0,010	0,121	FALSE
0,180	0,280	0,005	0,011	0,199	FALSE
0,206	0,292	0,009	0,014	0,294	FALSE
-0,231	0,272	-0,007	0,009	0,334	FALSE
-0,047	0,282	-0,005	0,017	0,124	FALSE
0,019	0,284	0,001	0,010	0,040	FALSE
-0,179	0,294	-0,005	0,010	0,207	FALSE
-0,152	0,291	-0,009	0,017	0,214	FALSE
0,067	0,287	0,004	0,010	0,137	FALSE
-0,086	0,275	-0,005	0,015	0,121	FALSE
0,130	0,274	0,007	0,017	0,170	FALSE
0,133	0,266	0,007	0,016	0,187	FALSE
-0,007	0,284	-0,001	0,014	0,028	FALSE
0,074	0,281	0,004	0,017	0,080	FALSE
0,087	0,283	0,005	0,015	0,131	FALSE
0,085	0,278	0,002	0,010	0,071	FALSE
0,068	0,280	0,001	0,009	0,059	FALSE
-0,001	0,294	0,001	0,016	0,032	FALSE
-0,055	0,288	-0,003	0,017	0,072	FALSE
0,000	0,295	0,000	0,015	0,009	FALSE
-0,005	0,276	0,000	0,014	0,006	FALSE
-0,039	0,290	-0,001	0,017	0,029	FALSE
0,105	0,282	0,006	0,015	0,159	FALSE
0,116	0,275	0,009	0,016	0,231	FALSE
0,179	0,278	0,005	0,009	0,254	FALSE
0,022	0,290	0,002	0,018	0,045	FALSE
0,123	0,285	0,005	0,015	0,148	FALSE
-0,052	0,294	0,000	0,014	0,012	FALSE
-0,020	0,302	-0,002	0,017	0,049	FALSE
-0,088	0,287	-0,002	0,013	0,053	FALSE
0,020	0,287	0,002	0,011	0,058	FALSE
-0,120	0,280	-0,005	0,010	0,232	FALSE
0,174	0,275	0,006	0,009	0,304	FALSE
0,034	0,285	0,000	0,009	0,010	FALSE
-0,070	0,267	-0,006	0,016	0,137	FALSE
-0,077	0,292	-0,003	0,010	0,103	FALSE
-0,022	0,278	-0,003	0,015	0,080	FALSE
0,025	0,301	0,000	0,011	0,003	FALSE
0,047	0,285	0,002	0,016	0,045	FALSE
0,252	0,271	0,007	0,009	0,369	FALSE

0,059	0,282	0,004	0,012	0,121	FALSE
0,225	0,279	0,012	0,016	0,348	FALSE
-0,025	0,277	0,000	0,012	0,005	FALSE
-0,175	0,277	-0,004	0,010	0,156	FALSE
0,147	0,272	0,006	0,012	0,207	FALSE
0,175	0,278	0,009	0,017	0,238	FALSE
0,179	0,278	0,010	0,017	0,259	FALSE
0,137	0,285	0,006	0,011	0,221	FALSE
0,092	0,273	0,002	0,008	0,100	FALSE
0,077	0,278	0,001	0,009	0,028	FALSE
0,183	0,266	0,010	0,015	0,317	FALSE
0,176	0,269	0,009	0,016	0,229	FALSE
0,164	0,284	0,009	0,017	0,212	FALSE
0,021	0,294	0,000	0,012	0,011	FALSE
0,115	0,285	0,003	0,010	0,104	FALSE
0,094	0,300	0,003	0,010	0,103	FALSE
-0,246	0,277	-0,007	0,009	0,359	FALSE
0,008	0,289	0,003	0,017	0,055	FALSE
-0,112	0,268	-0,004	0,008	0,187	FALSE
0,002	0,270	-0,005	0,016	0,120	FALSE
-0,056	0,286	-0,001	0,009	0,039	FALSE
-0,136	0,288	-0,006	0,017	0,148	FALSE
-0,085	0,286	-0,003	0,011	0,098	FALSE
-0,019	0,289	-0,002	0,013	0,067	FALSE
0,041	0,276	0,005	0,017	0,113	FALSE
0,072	0,289	0,002	0,018	0,043	FALSE
-0,010	0,295	0,001	0,017	0,031	FALSE
-0,049	0,276	-0,002	0,010	0,061	FALSE
0,028	0,282	-0,001	0,018	0,021	FALSE
-0,105	0,276	-0,002	0,009	0,100	FALSE
0,031	0,287	0,001	0,017	0,014	FALSE
0,031	0,293	0,000	0,010	0,017	FALSE
-0,021	0,272	-0,002	0,012	0,046	FALSE
-0,114	0,279	-0,005	0,011	0,197	FALSE
-0,024	0,297	-0,001	0,013	0,034	FALSE
0,047	0,277	0,001	0,009	0,027	FALSE
0,050	0,297	0,004	0,016	0,104	FALSE
-0,066	0,289	-0,004	0,017	0,098	FALSE
-0,094	0,298	-0,005	0,017	0,107	FALSE
-0,003	0,275	0,002	0,016	0,043	FALSE
-0,057	0,274	-0,001	0,009	0,034	FALSE
0,137	0,267	0,006	0,013	0,200	FALSE
-0,127	0,274	-0,008	0,013	0,260	FALSE
0,054	0,278	0,001	0,009	0,038	FALSE
0,034	0,281	0,002	0,010	0,055	FALSE
0,016	0,287	0,001	0,015	0,034	FALSE
0,025	0,294	0,003	0,018	0,063	FALSE
-0,005	0,295	0,001	0,011	0,017	FALSE
-0,023	0,281	0,000	0,015	0,001	FALSE
0,091	0,286	0,004	0,014	0,112	FALSE
-0,118	0,296	-0,002	0,009	0,102	FALSE
-0,183	0,284	-0,008	0,014	0,234	FALSE
0,128	0,283	0,004	0,010	0,177	FALSE

0,011	0,282	0,000	0,011	0,005	FALSE
0,027	0,289	0,002	0,012	0,061	FALSE
0,026	0,276	0,002	0,010	0,092	FALSE
-0,108	0,293	-0,006	0,015	0,177	FALSE
0,268	0,264	0,009	0,010	0,425	FALSE
-0,013	0,279	-0,002	0,011	0,057	FALSE
-0,061	0,300	-0,003	0,016	0,072	FALSE
-0,065	0,276	-0,002	0,010	0,076	FALSE
0,144	0,261	0,004	0,015	0,108	FALSE
-0,069	0,267	-0,002	0,011	0,067	FALSE
0,026	0,283	0,000	0,014	0,010	FALSE
-0,046	0,274	-0,001	0,011	0,021	FALSE
0,022	0,282	0,002	0,014	0,048	FALSE
0,014	0,282	0,000	0,014	0,000	FALSE
0,008	0,294	0,002	0,016	0,057	FALSE
-0,060	0,288	-0,001	0,016	0,030	FALSE
-0,032	0,290	-0,002	0,016	0,049	FALSE
-0,032	0,286	-0,002	0,016	0,038	FALSE
-0,050	0,286	-0,001	0,009	0,030	FALSE
-0,084	0,287	-0,002	0,010	0,085	FALSE
-0,085	0,280	-0,004	0,013	0,117	FALSE
0,061	0,278	0,003	0,015	0,076	FALSE
-0,087	0,272	-0,004	0,017	0,093	FALSE
0,121	0,287	0,004	0,011	0,144	FALSE
-0,024	0,288	0,000	0,009	0,003	FALSE
0,003	0,271	0,001	0,014	0,013	FALSE
0,054	0,274	0,003	0,013	0,105	FALSE
0,014	0,285	0,001	0,013	0,035	FALSE
-0,220	0,270	-0,011	0,013	0,409	FALSE
-0,095	0,286	-0,005	0,017	0,127	FALSE
0,024	0,285	0,003	0,015	0,068	FALSE
0,061	0,280	0,002	0,017	0,040	FALSE
0,119	0,290	0,004	0,014	0,111	FALSE
0,190	0,261	0,007	0,013	0,208	FALSE
0,161	0,272	0,003	0,009	0,152	FALSE
0,297	0,264	0,016	0,018	0,455	FALSE
0,139	0,293	0,008	0,015	0,228	FALSE
-0,139	0,283	-0,005	0,011	0,198	FALSE
0,035	0,290	0,000	0,011	0,014	FALSE
0,010	0,290	0,001	0,009	0,031	FALSE
-0,004	0,277	0,000	0,011	0,002	FALSE
-0,180	0,299	-0,008	0,015	0,238	FALSE
-0,079	0,274	-0,007	0,017	0,180	FALSE
0,006	0,287	0,001	0,010	0,024	FALSE
-0,053	0,292	-0,006	0,016	0,136	FALSE
-0,089	0,281	-0,006	0,014	0,165	FALSE
-0,007	0,294	-0,001	0,017	0,028	FALSE
-0,039	0,275	-0,002	0,012	0,047	FALSE
-0,146	0,287	-0,004	0,010	0,184	FALSE
-0,038	0,283	-0,001	0,015	0,031	FALSE
-0,071	0,299	-0,003	0,013	0,087	FALSE
-0,028	0,288	0,000	0,017	0,004	FALSE
-0,032	0,285	0,000	0,017	0,002	FALSE

-0,180	0,275	-0,008	0,012	0,294	FALSE
-0,131	0,295	-0,003	0,009	0,152	FALSE
0,000	0,283	0,001	0,016	0,015	FALSE
-0,111	0,275	-0,005	0,014	0,150	FALSE
-0,090	0,288	-0,003	0,012	0,115	FALSE
0,147	0,278	0,008	0,017	0,186	FALSE
-0,112	0,286	-0,004	0,012	0,143	FALSE
-0,186	0,277	-0,007	0,011	0,279	FALSE
0,000	0,285	0,002	0,016	0,052	FALSE
-0,157	0,269	-0,007	0,014	0,208	FALSE
-0,020	0,289	0,000	0,011	0,010	FALSE
-0,093	0,292	-0,001	0,010	0,042	FALSE
-0,095	0,268	-0,003	0,012	0,102	FALSE
-0,071	0,272	-0,002	0,011	0,073	FALSE
-0,129	0,280	-0,006	0,016	0,148	FALSE
0,228	0,270	0,010	0,018	0,254	FALSE
-0,059	0,288	-0,001	0,010	0,053	FALSE
-0,157	0,282	-0,007	0,017	0,156	FALSE
-0,051	0,289	-0,001	0,011	0,037	FALSE
0,065	0,285	0,003	0,017	0,073	FALSE
-0,156	0,281	-0,005	0,011	0,213	FALSE
-0,135	0,278	-0,007	0,017	0,153	FALSE
0,069	0,268	0,004	0,015	0,093	FALSE
-0,057	0,274	-0,006	0,015	0,172	FALSE
-0,036	0,269	0,001	0,017	0,022	FALSE
-0,042	0,277	-0,004	0,011	0,150	FALSE
-0,032	0,295	-0,002	0,016	0,037	FALSE
0,130	0,289	0,008	0,018	0,175	FALSE
0,130	0,280	0,004	0,011	0,163	FALSE
0,103	0,289	0,007	0,017	0,160	FALSE
0,056	0,282	0,003	0,014	0,085	FALSE
0,012	0,265	0,000	0,010	0,008	FALSE
0,135	0,286	0,007	0,017	0,176	FALSE
0,007	0,275	0,000	0,011	0,009	FALSE
-0,148	0,297	-0,009	0,018	0,207	FALSE
0,001	0,287	0,001	0,015	0,036	FALSE
-0,094	0,290	-0,006	0,013	0,180	FALSE
-0,056	0,267	-0,003	0,016	0,077	FALSE
0,057	0,280	0,002	0,009	0,062	FALSE
-0,094	0,286	-0,002	0,009	0,068	FALSE
0,027	0,269	0,003	0,011	0,090	FALSE
-0,068	0,279	-0,002	0,013	0,072	FALSE
-0,230	0,276	-0,014	0,016	0,402	FALSE
-0,146	0,276	-0,005	0,011	0,197	FALSE
-0,093	0,299	-0,003	0,010	0,125	FALSE
0,152	0,274	0,008	0,017	0,192	FALSE
-0,022	0,287	0,000	0,011	0,007	FALSE
-0,093	0,283	-0,002	0,014	0,064	FALSE
0,039	0,280	0,004	0,016	0,088	FALSE
0,045	0,286	0,002	0,012	0,059	FALSE
0,083	0,278	0,002	0,009	0,072	FALSE
0,219	0,284	0,011	0,015	0,357	FALSE
-0,044	0,278	-0,002	0,014	0,064	FALSE

-0,056	0,294	-0,004	0,016	0,097	FALSE
-0,006	0,294	0,001	0,014	0,027	FALSE
0,043	0,282	0,000	0,011	0,014	FALSE
0,047	0,277	0,003	0,012	0,090	FALSE
-0,055	0,280	0,000	0,011	0,013	FALSE
-0,084	0,281	-0,001	0,008	0,027	FALSE
-0,109	0,269	-0,004	0,012	0,140	FALSE
-0,058	0,298	0,000	0,010	0,011	FALSE
-0,114	0,281	-0,004	0,012	0,154	FALSE
0,069	0,278	0,005	0,015	0,124	FALSE
-0,049	0,283	-0,001	0,010	0,048	FALSE
0,042	0,285	0,000	0,016	0,003	FALSE
0,005	0,282	-0,003	0,012	0,083	FALSE
0,009	0,276	-0,002	0,012	0,063	FALSE
0,005	0,282	-0,002	0,013	0,068	FALSE
-0,254	0,270	-0,009	0,010	0,399	FALSE
0,038	0,291	0,002	0,009	0,065	FALSE
0,088	0,297	0,004	0,015	0,103	FALSE
-0,011	0,291	-0,002	0,018	0,033	FALSE
0,051	0,273	0,005	0,017	0,116	FALSE
-0,030	0,280	-0,002	0,013	0,049	FALSE
0,062	0,278	0,003	0,017	0,074	FALSE
0,021	0,282	0,003	0,016	0,062	FALSE
0,058	0,272	0,002	0,010	0,067	FALSE
0,038	0,290	0,001	0,012	0,030	FALSE
0,106	0,272	0,003	0,009	0,149	FALSE
-0,008	0,281	0,000	0,009	0,003	FALSE
-0,022	0,297	-0,002	0,014	0,060	FALSE
-0,002	0,288	-0,003	0,016	0,058	FALSE
0,043	0,281	0,004	0,015	0,107	FALSE
0,147	0,281	0,010	0,015	0,290	FALSE
-0,065	0,292	-0,004	0,011	0,126	FALSE
0,014	0,293	0,002	0,010	0,054	FALSE
-0,058	0,279	-0,004	0,010	0,143	FALSE
-0,131	0,268	-0,008	0,016	0,215	FALSE
-0,017	0,276	-0,001	0,009	0,059	FALSE
-0,076	0,291	-0,003	0,011	0,093	FALSE
-0,106	0,274	-0,008	0,017	0,201	FALSE
-0,034	0,290	-0,001	0,009	0,049	FALSE
0,099	0,289	0,005	0,017	0,109	FALSE
0,093	0,287	0,006	0,017	0,132	FALSE
0,104	0,284	0,007	0,017	0,157	FALSE
0,095	0,286	0,005	0,014	0,135	FALSE
-0,069	0,292	-0,003	0,015	0,070	FALSE
-0,044	0,277	-0,001	0,015	0,025	FALSE
-0,087	0,296	-0,004	0,016	0,094	FALSE
0,033	0,291	0,004	0,017	0,091	FALSE
0,063	0,281	0,005	0,017	0,105	FALSE
0,002	0,281	0,001	0,017	0,011	FALSE
-0,004	0,276	-0,001	0,011	0,031	FALSE
0,020	0,286	0,001	0,016	0,026	FALSE
-0,057	0,287	-0,002	0,014	0,041	FALSE
0,065	0,281	0,002	0,013	0,066	FALSE

-0,029	0,281	-0,001	0,015	0,026	FALSE
-0,022	0,277	0,000	0,009	0,000	FALSE
0,056	0,288	0,004	0,017	0,082	FALSE
-0,131	0,285	-0,004	0,010	0,164	FALSE
0,021	0,283	0,001	0,017	0,022	FALSE
-0,158	0,263	-0,010	0,016	0,276	FALSE
-0,041	0,265	-0,002	0,017	0,045	FALSE
0,036	0,289	0,001	0,017	0,022	FALSE
-0,112	0,278	-0,007	0,015	0,184	FALSE
-0,037	0,297	-0,002	0,009	0,071	FALSE
-0,021	0,293	-0,001	0,011	0,051	FALSE
-0,142	0,288	-0,005	0,012	0,182	FALSE
0,084	0,299	0,003	0,012	0,083	FALSE
-0,088	0,288	-0,004	0,009	0,170	FALSE
0,132	0,265	0,007	0,015	0,195	FALSE
-0,080	0,285	-0,005	0,016	0,118	FALSE
0,128	0,292	0,003	0,012	0,105	FALSE
-0,118	0,270	-0,004	0,016	0,106	FALSE
-0,196	0,295	-0,007	0,011	0,249	FALSE
-0,026	0,280	-0,001	0,010	0,026	FALSE
0,252	0,271	0,009	0,012	0,329	FALSE
-0,001	0,283	0,000	0,017	0,007	FALSE
0,096	0,275	0,003	0,010	0,117	FALSE
-0,083	0,285	-0,004	0,013	0,122	FALSE
-0,023	0,282	-0,002	0,012	0,060	FALSE
-0,150	0,274	-0,007	0,013	0,250	FALSE
-0,011	0,284	-0,001	0,015	0,019	FALSE
0,063	0,300	0,005	0,018	0,118	FALSE
0,025	0,294	0,003	0,017	0,077	FALSE
0,010	0,284	0,003	0,017	0,069	FALSE
0,124	0,284	0,006	0,017	0,133	FALSE
-0,090	0,285	-0,002	0,010	0,062	FALSE
0,018	0,294	0,000	0,011	0,010	FALSE
-0,016	0,280	-0,001	0,009	0,050	FALSE
0,026	0,290	0,001	0,012	0,016	FALSE
0,233	0,290	0,012	0,014	0,385	FALSE
-0,129	0,282	-0,006	0,017	0,151	FALSE
-0,133	0,287	-0,006	0,014	0,160	FALSE
-0,070	0,286	-0,002	0,010	0,060	FALSE
-0,080	0,283	-0,008	0,018	0,177	FALSE
0,109	0,262	0,004	0,013	0,123	FALSE
0,061	0,276	0,001	0,011	0,044	FALSE
0,087	0,291	0,005	0,012	0,156	FALSE
-0,109	0,288	-0,007	0,016	0,168	FALSE
-0,132	0,294	-0,008	0,016	0,195	FALSE
0,043	0,291	0,002	0,011	0,078	FALSE
0,251	0,267	0,010	0,016	0,280	FALSE
0,230	0,263	0,008	0,014	0,255	FALSE
0,252	0,253	0,010	0,015	0,296	FALSE
0,000	0,288	0,000	0,010	0,012	FALSE
-0,112	0,278	-0,004	0,017	0,101	FALSE
0,210	0,281	0,010	0,018	0,256	FALSE
-0,002	0,284	0,000	0,014	0,012	FALSE

0,191	0,276	0,010	0,018	0,243	FALSE
0,215	0,280	0,013	0,016	0,358	FALSE
0,065	0,290	0,004	0,016	0,096	FALSE
0,046	0,277	0,002	0,013	0,064	FALSE
-0,030	0,274	-0,001	0,010	0,041	FALSE
-0,002	0,279	-0,001	0,015	0,016	FALSE
-0,022	0,293	-0,002	0,018	0,045	FALSE
0,003	0,285	0,000	0,012	0,003	FALSE
-0,172	0,278	-0,008	0,015	0,227	FALSE
-0,013	0,289	-0,002	0,017	0,035	FALSE
-0,004	0,287	0,001	0,016	0,012	FALSE
0,161	0,291	0,007	0,013	0,237	FALSE
0,130	0,277	0,007	0,012	0,233	FALSE
-0,006	0,287	0,000	0,010	0,010	FALSE
0,169	0,281	0,008	0,013	0,268	FALSE
0,121	0,278	0,007	0,015	0,200	FALSE
0,045	0,281	0,003	0,017	0,059	FALSE
-0,092	0,280	-0,004	0,016	0,104	FALSE
0,014	0,279	0,002	0,013	0,043	FALSE
-0,237	0,277	-0,008	0,012	0,317	FALSE
0,027	0,283	0,001	0,017	0,023	FALSE
0,064	0,291	0,003	0,016	0,061	FALSE
0,141	0,286	0,006	0,016	0,142	FALSE
0,031	0,281	0,002	0,017	0,045	FALSE
-0,021	0,275	-0,001	0,017	0,019	FALSE
0,098	0,287	0,003	0,012	0,085	FALSE
-0,003	0,290	0,000	0,015	0,008	FALSE
-0,118	0,293	-0,003	0,009	0,156	FALSE
-0,083	0,270	-0,004	0,015	0,118	FALSE
-0,112	0,290	-0,003	0,012	0,077	FALSE
-0,146	0,272	-0,004	0,018	0,092	FALSE
-0,165	0,276	-0,005	0,014	0,145	FALSE
-0,004	0,305	0,001	0,013	0,037	FALSE
-0,088	0,280	-0,003	0,009	0,117	FALSE
-0,045	0,274	-0,002	0,011	0,070	FALSE
0,001	0,277	-0,001	0,008	0,036	FALSE
0,118	0,275	0,004	0,010	0,188	FALSE
-0,058	0,296	0,000	0,015	0,001	FALSE
-0,148	0,276	-0,005	0,014	0,151	FALSE
0,028	0,265	0,004	0,017	0,091	FALSE
0,115	0,285	0,004	0,011	0,132	FALSE
-0,119	0,279	-0,006	0,010	0,224	FALSE
0,020	0,277	0,001	0,009	0,044	FALSE
0,058	0,291	0,001	0,010	0,026	FALSE
-0,090	0,277	-0,005	0,012	0,164	FALSE
0,114	0,281	0,003	0,009	0,147	FALSE
0,000	0,278	0,000	0,013	0,002	FALSE
-0,130	0,282	-0,005	0,013	0,148	FALSE
0,158	0,284	0,007	0,012	0,246	FALSE
-0,129	0,285	-0,004	0,012	0,144	FALSE
0,164	0,279	0,009	0,017	0,208	FALSE
0,071	0,288	0,003	0,013	0,082	FALSE
-0,001	0,276	-0,001	0,013	0,022	FALSE

0,014	0,283	0,003	0,013	0,075	FALSE
-0,101	0,274	-0,008	0,015	0,207	FALSE
-0,104	0,283	-0,003	0,012	0,094	FALSE
-0,031	0,287	-0,003	0,016	0,057	FALSE
-0,116	0,276	-0,008	0,016	0,214	FALSE
0,050	0,282	0,001	0,011	0,032	FALSE
0,103	0,289	0,003	0,016	0,058	FALSE
-0,011	0,289	-0,002	0,011	0,057	FALSE
-0,222	0,282	-0,008	0,014	0,263	FALSE
-0,111	0,285	-0,006	0,014	0,160	FALSE
0,071	0,276	0,002	0,017	0,045	FALSE
-0,068	0,282	-0,003	0,014	0,071	FALSE
-0,088	0,282	-0,002	0,015	0,051	FALSE
-0,082	0,281	-0,004	0,011	0,136	FALSE
-0,200	0,280	-0,006	0,011	0,222	FALSE
0,005	0,280	0,002	0,008	0,068	FALSE
0,072	0,280	0,003	0,012	0,091	FALSE
0,210	0,267	0,007	0,012	0,266	FALSE
0,102	0,279	0,002	0,008	0,118	FALSE
-0,077	0,287	-0,001	0,009	0,051	FALSE
0,004	0,275	0,000	0,015	0,004	FALSE
-0,021	0,288	0,000	0,017	0,002	FALSE
-0,069	0,290	-0,003	0,017	0,073	FALSE
-0,064	0,279	-0,003	0,012	0,083	FALSE
-0,093	0,278	-0,004	0,009	0,174	FALSE
-0,168	0,292	-0,009	0,017	0,215	FALSE
-0,055	0,284	-0,004	0,013	0,106	FALSE
0,015	0,284	0,001	0,011	0,022	FALSE
-0,156	0,282	-0,007	0,014	0,199	FALSE
0,095	0,293	0,003	0,011	0,096	FALSE
0,048	0,289	0,003	0,017	0,055	FALSE
0,085	0,290	0,005	0,017	0,104	FALSE
-0,146	0,284	-0,003	0,010	0,134	FALSE
-0,061	0,281	-0,004	0,016	0,088	FALSE
-0,032	0,283	-0,004	0,017	0,089	FALSE
-0,211	0,279	-0,008	0,014	0,246	FALSE
-0,020	0,273	-0,003	0,016	0,071	FALSE
0,030	0,284	0,000	0,009	0,013	FALSE
0,008	0,289	0,001	0,011	0,049	FALSE
0,011	0,282	0,001	0,012	0,015	FALSE
-0,075	0,278	-0,004	0,010	0,162	FALSE
-0,220	0,271	-0,012	0,017	0,325	FALSE
0,073	0,276	0,002	0,016	0,050	FALSE
0,163	0,292	0,008	0,017	0,182	FALSE
0,044	0,275	0,004	0,016	0,100	FALSE
0,079	0,293	0,003	0,011	0,128	FALSE
-0,030	0,277	-0,002	0,017	0,037	FALSE
-0,026	0,267	-0,001	0,016	0,031	FALSE
-0,113	0,290	-0,004	0,011	0,128	FALSE
0,097	0,274	0,003	0,012	0,098	FALSE
0,102	0,287	0,007	0,017	0,162	FALSE
-0,039	0,282	0,001	0,011	0,019	FALSE
0,101	0,283	0,004	0,011	0,165	FALSE

-0,065	0,274	-0,005	0,017	0,123	FALSE
-0,010	0,293	0,001	0,015	0,020	FALSE
0,078	0,274	0,002	0,011	0,073	FALSE
0,074	0,258	0,002	0,010	0,077	FALSE
0,081	0,280	0,002	0,010	0,093	FALSE
-0,142	0,280	-0,006	0,011	0,237	FALSE
0,093	0,278	0,006	0,015	0,152	FALSE
0,065	0,253	0,005	0,015	0,122	FALSE
-0,094	0,295	-0,003	0,012	0,093	FALSE
0,104	0,277	0,005	0,015	0,138	FALSE
-0,059	0,264	-0,003	0,015	0,076	FALSE
0,116	0,269	0,004	0,011	0,149	FALSE
0,082	0,286	0,003	0,011	0,087	FALSE
-0,025	0,287	-0,001	0,012	0,038	FALSE
0,021	0,279	-0,001	0,015	0,013	FALSE
-0,024	0,304	-0,003	0,018	0,054	FALSE
0,080	0,272	0,004	0,013	0,113	FALSE
-0,020	0,290	0,001	0,013	0,025	FALSE
0,243	0,263	0,008	0,009	0,445	FALSE
0,066	0,279	0,002	0,012	0,056	FALSE
-0,020	0,291	0,000	0,018	0,002	FALSE
0,028	0,289	0,001	0,015	0,028	FALSE
0,086	0,273	0,001	0,009	0,026	FALSE
0,050	0,283	0,003	0,010	0,100	FALSE
-0,009	0,290	-0,001	0,009	0,046	FALSE
0,115	0,294	0,003	0,009	0,130	FALSE
-0,113	0,280	-0,003	0,012	0,098	FALSE
-0,165	0,274	-0,010	0,016	0,261	FALSE
-0,030	0,289	-0,001	0,010	0,018	FALSE
0,061	0,283	0,002	0,012	0,077	FALSE
0,161	0,262	0,007	0,011	0,258	FALSE
-0,036	0,286	-0,001	0,011	0,030	FALSE
-0,250	0,281	-0,009	0,011	0,387	FALSE
-0,109	0,281	-0,003	0,009	0,146	FALSE
-0,091	0,285	-0,004	0,014	0,116	FALSE
0,081	0,280	0,001	0,014	0,024	FALSE
-0,061	0,271	-0,001	0,014	0,032	FALSE
0,013	0,284	0,002	0,013	0,045	FALSE
0,001	0,302	0,001	0,017	0,014	FALSE
-0,028	0,297	-0,001	0,017	0,020	FALSE
0,038	0,272	0,001	0,011	0,017	FALSE
0,038	0,288	0,001	0,011	0,029	FALSE
-0,045	0,271	-0,003	0,008	0,124	FALSE
-0,022	0,281	0,000	0,013	0,006	FALSE
-0,011	0,288	-0,002	0,014	0,058	FALSE
-0,048	0,275	-0,001	0,009	0,039	FALSE
-0,066	0,278	-0,003	0,017	0,067	FALSE
-0,176	0,279	-0,012	0,017	0,341	FALSE
-0,087	0,270	-0,003	0,013	0,075	FALSE
0,003	0,293	-0,002	0,014	0,047	FALSE
-0,020	0,282	0,000	0,018	0,007	FALSE
-0,017	0,288	0,001	0,015	0,014	FALSE
-0,022	0,291	-0,002	0,016	0,043	FALSE

0,065	0,295	0,002	0,013	0,056	FALSE
0,040	0,283	0,002	0,009	0,074	FALSE
-0,070	0,273	-0,001	0,009	0,056	FALSE
-0,035	0,287	0,000	0,017	0,006	FALSE
-0,095	0,281	-0,005	0,010	0,206	FALSE
-0,029	0,294	0,001	0,012	0,023	FALSE
-0,162	0,276	-0,005	0,012	0,190	FALSE
0,129	0,278	0,006	0,014	0,184	FALSE
-0,076	0,296	-0,006	0,016	0,143	FALSE
0,120	0,277	0,003	0,009	0,116	FALSE
-0,078	0,298	-0,004	0,016	0,099	FALSE
-0,035	0,292	0,000	0,017	0,005	FALSE
0,001	0,267	0,001	0,012	0,040	FALSE
-0,013	0,291	0,000	0,014	0,003	FALSE
-0,129	0,272	-0,005	0,015	0,130	FALSE
-0,003	0,288	0,000	0,013	0,013	FALSE
-0,098	0,286	-0,004	0,013	0,131	FALSE
-0,098	0,288	-0,004	0,013	0,135	FALSE
-0,072	0,281	-0,001	0,010	0,055	FALSE
0,101	0,277	0,006	0,017	0,131	FALSE
0,036	0,280	0,002	0,011	0,088	FALSE
0,124	0,269	0,005	0,017	0,106	FALSE
-0,160	0,289	-0,006	0,012	0,229	FALSE
0,259	0,274	0,011	0,014	0,367	FALSE
-0,107	0,291	-0,006	0,017	0,132	FALSE
0,094	0,279	0,003	0,011	0,115	FALSE
0,100	0,286	0,003	0,012	0,102	FALSE
-0,046	0,278	0,001	0,017	0,032	FALSE
0,011	0,289	0,000	0,011	0,003	FALSE
0,089	0,281	0,003	0,011	0,106	FALSE
0,291	0,272	0,010	0,011	0,422	FALSE
0,148	0,284	0,006	0,014	0,169	FALSE
-0,076	0,289	-0,002	0,015	0,052	FALSE
0,054	0,290	0,003	0,012	0,112	FALSE
0,115	0,267	0,008	0,018	0,184	FALSE
0,140	0,286	0,004	0,010	0,185	FALSE
-0,040	0,291	-0,001	0,010	0,039	FALSE
-0,197	0,294	-0,008	0,011	0,343	FALSE
0,035	0,282	0,000	0,013	0,012	FALSE
0,120	0,290	0,005	0,010	0,201	FALSE
-0,059	0,286	-0,001	0,010	0,046	FALSE
0,059	0,287	0,001	0,009	0,045	FALSE
0,013	0,276	0,002	0,009	0,067	FALSE
-0,069	0,267	-0,002	0,016	0,050	FALSE
0,029	0,298	0,003	0,017	0,071	FALSE
0,017	0,287	-0,001	0,011	0,034	FALSE
0,026	0,279	0,001	0,014	0,016	FALSE
-0,005	0,289	-0,001	0,015	0,020	FALSE
0,058	0,277	0,002	0,014	0,064	FALSE
-0,008	0,288	0,000	0,009	0,015	FALSE
-0,038	0,274	-0,002	0,009	0,076	FALSE
0,017	0,278	0,000	0,016	0,001	FALSE
0,043	0,271	0,003	0,015	0,061	FALSE

0,035	0,279	0,000	0,017	0,004	FALSE
0,010	0,282	0,000	0,011	0,007	FALSE
-0,020	0,298	0,000	0,015	0,006	FALSE
0,007	0,289	0,001	0,014	0,036	FALSE
0,013	0,276	0,003	0,014	0,066	FALSE
-0,062	0,276	-0,004	0,017	0,086	FALSE
-0,097	0,277	-0,005	0,011	0,199	FALSE
-0,125	0,293	-0,003	0,010	0,111	FALSE
-0,072	0,278	-0,002	0,012	0,067	FALSE
-0,017	0,278	0,001	0,012	0,031	FALSE
0,068	0,266	0,004	0,012	0,142	FALSE
0,074	0,292	0,004	0,013	0,137	FALSE
0,078	0,281	0,000	0,013	0,010	FALSE
-0,059	0,273	-0,003	0,011	0,098	FALSE
-0,014	0,280	0,000	0,013	0,005	FALSE
-0,213	0,283	-0,007	0,010	0,343	FALSE
0,165	0,264	0,006	0,017	0,141	FALSE
0,206	0,276	0,007	0,013	0,238	FALSE
0,138	0,274	0,004	0,017	0,078	FALSE
0,084	0,285	0,003	0,017	0,078	FALSE
-0,049	0,282	-0,003	0,016	0,068	FALSE
0,040	0,288	0,002	0,015	0,045	FALSE
0,167	0,280	0,010	0,013	0,363	FALSE
0,113	0,275	0,004	0,017	0,091	FALSE
0,078	0,291	0,002	0,014	0,059	FALSE
-0,037	0,283	-0,001	0,010	0,051	FALSE
0,081	0,294	0,003	0,011	0,112	FALSE
-0,026	0,278	-0,002	0,011	0,082	FALSE
-0,015	0,288	-0,001	0,011	0,017	FALSE
0,057	0,273	0,003	0,016	0,060	FALSE
0,067	0,280	0,001	0,010	0,056	FALSE
-0,250	0,266	-0,011	0,011	0,494	FALSE
-0,236	0,276	-0,014	0,018	0,380	FALSE
-0,093	0,285	-0,002	0,009	0,098	FALSE
-0,054	0,285	0,000	0,011	0,014	FALSE
0,013	0,279	0,003	0,014	0,077	FALSE
-0,042	0,287	-0,001	0,013	0,024	FALSE
-0,162	0,276	-0,010	0,015	0,297	FALSE
-0,179	0,283	-0,007	0,010	0,306	FALSE
0,008	0,272	0,000	0,009	0,006	FALSE
-0,043	0,290	-0,001	0,017	0,018	FALSE
-0,069	0,298	-0,002	0,015	0,059	FALSE
0,027	0,277	0,002	0,012	0,063	FALSE
-0,026	0,301	0,000	0,015	0,007	FALSE
0,015	0,284	0,001	0,015	0,014	FALSE
-0,053	0,291	-0,004	0,017	0,093	FALSE
-0,047	0,272	-0,001	0,009	0,036	FALSE
0,006	0,285	0,002	0,016	0,035	FALSE
-0,119	0,281	-0,007	0,014	0,211	FALSE
0,059	0,286	0,003	0,011	0,112	FALSE
0,049	0,285	0,002	0,015	0,059	FALSE
-0,004	0,279	0,000	0,009	0,014	FALSE
-0,142	0,292	-0,005	0,012	0,181	FALSE

-0,077	0,289	-0,002	0,011	0,085	FALSE
0,070	0,275	0,002	0,015	0,057	FALSE
0,010	0,289	-0,003	0,014	0,073	FALSE
0,136	0,277	0,007	0,015	0,201	FALSE
0,045	0,278	0,002	0,011	0,076	FALSE
-0,067	0,276	-0,001	0,009	0,026	FALSE
0,137	0,284	0,007	0,014	0,218	FALSE
-0,248	0,267	-0,010	0,010	0,482	FALSE
0,236	0,279	0,009	0,011	0,364	FALSE
0,061	0,266	0,002	0,013	0,059	FALSE
0,061	0,273	0,003	0,013	0,087	FALSE
-0,141	0,275	-0,006	0,013	0,176	FALSE
0,085	0,288	0,002	0,012	0,062	FALSE
-0,260	0,277	-0,010	0,013	0,355	FALSE
-0,027	0,282	-0,001	0,013	0,033	FALSE
-0,009	0,280	-0,003	0,016	0,078	FALSE
-0,172	0,280	-0,008	0,017	0,197	FALSE
0,020	0,271	-0,001	0,009	0,024	FALSE
-0,045	0,288	-0,001	0,011	0,018	FALSE
0,153	0,274	0,006	0,011	0,231	FALSE
-0,085	0,282	-0,004	0,015	0,096	FALSE
-0,177	0,259	-0,008	0,016	0,211	FALSE
-0,036	0,276	0,000	0,009	0,007	FALSE
-0,086	0,287	-0,002	0,015	0,056	FALSE
0,215	0,278	0,007	0,010	0,297	FALSE
-0,118	0,272	-0,003	0,010	0,113	FALSE
-0,056	0,281	-0,003	0,012	0,081	FALSE
-0,024	0,289	-0,002	0,010	0,062	FALSE
0,016	0,280	0,003	0,009	0,122	FALSE
0,170	0,272	0,007	0,012	0,247	FALSE
-0,052	0,268	-0,003	0,012	0,094	FALSE
-0,160	0,276	-0,005	0,009	0,222	FALSE
-0,155	0,276	-0,010	0,016	0,255	FALSE
-0,073	0,278	-0,002	0,010	0,082	FALSE
-0,006	0,300	0,001	0,014	0,019	FALSE
-0,014	0,292	0,001	0,013	0,024	FALSE
0,175	0,279	0,010	0,017	0,251	FALSE
0,106	0,280	0,003	0,009	0,142	FALSE
-0,075	0,291	-0,003	0,013	0,097	FALSE
0,096	0,269	0,003	0,009	0,150	FALSE
-0,176	0,278	-0,009	0,016	0,226	FALSE
-0,187	0,277	-0,007	0,010	0,314	FALSE
0,058	0,278	0,001	0,012	0,017	FALSE
0,068	0,274	0,002	0,010	0,061	FALSE
0,073	0,298	0,005	0,016	0,111	FALSE
0,014	0,286	-0,001	0,017	0,011	FALSE
0,065	0,273	0,003	0,012	0,093	FALSE
0,025	0,275	0,000	0,011	0,007	FALSE
-0,103	0,275	-0,005	0,017	0,106	FALSE
0,012	0,280	0,001	0,010	0,054	FALSE
-0,031	0,276	-0,001	0,011	0,047	FALSE
-0,007	0,289	0,001	0,013	0,022	FALSE
-0,092	0,284	-0,004	0,016	0,099	FALSE

-0,167	0,278	-0,008	0,015	0,237	FALSE
0,067	0,270	0,003	0,013	0,077	FALSE
0,174	0,281	0,009	0,015	0,242	FALSE
0,167	0,290	0,008	0,015	0,226	FALSE
-0,094	0,280	-0,002	0,011	0,075	FALSE
-0,124	0,292	-0,004	0,010	0,160	FALSE
-0,099	0,283	-0,005	0,012	0,154	FALSE
-0,124	0,277	-0,006	0,016	0,144	FALSE
-0,040	0,274	-0,001	0,014	0,038	FALSE
0,140	0,256	0,004	0,009	0,187	FALSE
-0,181	0,287	-0,011	0,018	0,273	FALSE
-0,184	0,278	-0,011	0,017	0,290	FALSE
-0,171	0,287	-0,010	0,017	0,263	FALSE
0,008	0,269	0,001	0,010	0,031	FALSE
-0,081	0,272	-0,003	0,008	0,135	FALSE
0,058	0,279	0,005	0,017	0,122	FALSE
-0,068	0,295	-0,002	0,011	0,088	FALSE
0,193	0,284	0,006	0,010	0,256	FALSE
0,091	0,278	0,002	0,012	0,055	FALSE
0,040	0,280	0,002	0,009	0,063	FALSE
-0,186	0,260	-0,007	0,015	0,185	FALSE
-0,085	0,271	-0,007	0,018	0,170	FALSE
-0,203	0,276	-0,007	0,014	0,202	FALSE
0,043	0,279	0,002	0,008	0,079	FALSE
-0,197	0,275	-0,005	0,009	0,277	FALSE
-0,015	0,292	0,001	0,017	0,025	FALSE
-0,010	0,281	-0,003	0,015	0,075	FALSE
0,115	0,272	0,006	0,017	0,134	FALSE
0,051	0,281	0,002	0,016	0,043	FALSE
0,044	0,287	0,002	0,011	0,053	FALSE
0,046	0,290	0,002	0,012	0,063	FALSE
0,054	0,279	0,002	0,011	0,064	FALSE
-0,036	0,267	0,000	0,016	0,004	FALSE
-0,177	0,296	-0,005	0,009	0,211	FALSE
0,076	0,291	0,004	0,016	0,101	FALSE
0,056	0,277	0,003	0,016	0,066	FALSE
-0,043	0,275	-0,004	0,013	0,108	FALSE
-0,044	0,270	-0,004	0,014	0,120	FALSE
0,028	0,283	-0,001	0,009	0,041	FALSE
0,019	0,271	0,001	0,010	0,019	FALSE
0,024	0,299	0,004	0,016	0,087	FALSE
-0,018	0,277	0,002	0,015	0,045	FALSE
0,116	0,292	0,005	0,017	0,124	FALSE
-0,059	0,274	-0,002	0,013	0,045	FALSE
-0,057	0,278	-0,002	0,013	0,050	FALSE
-0,018	0,278	0,000	0,015	0,006	FALSE
0,000	0,285	0,002	0,016	0,036	FALSE
0,135	0,271	0,006	0,012	0,217	FALSE
-0,044	0,282	-0,001	0,014	0,016	FALSE
0,118	0,280	0,005	0,009	0,230	FALSE
-0,119	0,281	-0,009	0,017	0,220	TRUE
-0,060	0,288	0,000	0,017	0,009	FALSE
-0,105	0,281	-0,005	0,009	0,221	FALSE

-0,172	0,277	-0,010	0,016	0,289	FALSE
-0,040	0,287	-0,003	0,018	0,052	FALSE
-0,094	0,284	-0,007	0,017	0,180	FALSE
0,174	0,288	0,010	0,017	0,258	FALSE
-0,018	0,282	-0,002	0,012	0,048	FALSE
0,029	0,296	0,000	0,010	0,002	FALSE
0,022	0,292	0,000	0,010	0,000	FALSE
0,033	0,283	0,000	0,009	0,012	FALSE
-0,036	0,294	-0,001	0,017	0,015	FALSE
-0,214	0,284	-0,009	0,013	0,299	FALSE
-0,069	0,279	-0,002	0,014	0,047	FALSE
-0,084	0,294	-0,002	0,011	0,077	FALSE
-0,042	0,283	-0,001	0,010	0,024	FALSE
0,030	0,284	0,001	0,010	0,026	FALSE
0,049	0,288	0,003	0,016	0,079	FALSE
-0,024	0,283	0,000	0,016	0,010	FALSE
0,035	0,280	0,001	0,014	0,028	FALSE
-0,063	0,281	-0,001	0,010	0,019	FALSE
-0,129	0,286	-0,006	0,013	0,182	FALSE
0,064	0,287	0,002	0,009	0,068	FALSE
-0,200	0,277	-0,009	0,013	0,294	FALSE
-0,068	0,289	-0,001	0,010	0,051	FALSE
-0,013	0,278	0,000	0,012	0,000	FALSE
-0,075	0,281	-0,002	0,011	0,065	FALSE
0,062	0,275	0,004	0,015	0,097	FALSE
0,060	0,270	0,005	0,017	0,100	FALSE
0,184	0,277	0,010	0,016	0,281	FALSE
-0,173	0,273	-0,005	0,009	0,238	FALSE
0,044	0,297	0,004	0,017	0,077	FALSE
0,008	0,286	0,000	0,017	0,010	FALSE
-0,013	0,295	0,001	0,013	0,022	FALSE
0,064	0,277	0,005	0,015	0,124	FALSE
-0,140	0,279	-0,006	0,017	0,142	FALSE
-0,019	0,273	-0,002	0,008	0,070	FALSE
0,030	0,278	0,002	0,015	0,038	FALSE
-0,133	0,288	-0,006	0,014	0,189	FALSE
0,090	0,294	0,003	0,016	0,079	FALSE
0,182	0,289	0,007	0,010	0,310	FALSE
0,067	0,290	0,002	0,009	0,070	FALSE
0,072	0,297	0,002	0,014	0,058	FALSE
0,136	0,282	0,004	0,011	0,144	FALSE
0,032	0,297	-0,001	0,015	0,018	FALSE
-0,005	0,286	0,003	0,016	0,064	FALSE
-0,180	0,284	-0,005	0,009	0,229	FALSE
-0,062	0,275	-0,001	0,009	0,026	FALSE
-0,231	0,274	-0,009	0,013	0,304	FALSE
0,051	0,264	0,001	0,009	0,056	FALSE
0,062	0,288	0,004	0,016	0,083	FALSE
0,039	0,297	0,002	0,016	0,056	FALSE
0,180	0,290	0,009	0,017	0,232	FALSE
0,031	0,293	0,001	0,016	0,015	FALSE
-0,181	0,281	-0,010	0,017	0,274	FALSE
-0,014	0,281	-0,001	0,017	0,016	FALSE

0,032	0,285	0,001	0,017	0,028	FALSE
-0,010	0,284	0,000	0,009	0,000	FALSE
0,225	0,269	0,009	0,013	0,315	FALSE
-0,012	0,284	0,000	0,015	0,008	FALSE
0,013	0,272	0,001	0,009	0,043	FALSE
0,024	0,277	0,001	0,018	0,018	FALSE
0,022	0,293	0,001	0,019	0,014	FALSE
-0,042	0,294	-0,002	0,018	0,037	FALSE
0,050	0,277	0,001	0,009	0,042	FALSE
0,115	0,294	0,004	0,010	0,146	FALSE
0,110	0,271	0,003	0,010	0,114	FALSE
-0,107	0,275	-0,007	0,017	0,161	FALSE
-0,044	0,272	-0,002	0,011	0,065	FALSE
0,007	0,276	0,001	0,010	0,038	FALSE
-0,005	0,281	0,000	0,011	0,014	FALSE
-0,174	0,295	-0,006	0,010	0,240	FALSE
0,009	0,298	0,001	0,013	0,028	FALSE
0,193	0,273	0,005	0,011	0,194	FALSE
-0,004	0,285	0,001	0,012	0,020	FALSE
0,016	0,294	-0,001	0,010	0,041	FALSE
-0,152	0,287	-0,007	0,013	0,210	FALSE
-0,051	0,272	-0,001	0,012	0,030	FALSE
-0,124	0,279	-0,003	0,009	0,123	FALSE
0,075	0,274	0,004	0,010	0,142	FALSE
0,067	0,287	0,004	0,010	0,143	FALSE
0,099	0,281	0,005	0,012	0,179	FALSE
-0,052	0,274	-0,004	0,017	0,077	FALSE
-0,051	0,285	-0,002	0,014	0,050	FALSE
-0,089	0,283	-0,003	0,015	0,086	FALSE
0,080	0,292	0,003	0,016	0,061	FALSE
0,037	0,278	0,000	0,012	0,006	FALSE
-0,078	0,275	-0,002	0,014	0,063	FALSE
-0,040	0,292	0,000	0,017	0,001	FALSE
0,100	0,284	0,005	0,017	0,109	FALSE
-0,247	0,282	-0,008	0,009	0,437	FALSE
-0,070	0,280	-0,004	0,014	0,100	FALSE
-0,269	0,284	-0,008	0,009	0,426	FALSE
0,029	0,280	0,000	0,012	0,013	FALSE
-0,210	0,275	-0,008	0,011	0,323	FALSE
0,307	0,255	0,013	0,015	0,430	FALSE
-0,185	0,276	-0,008	0,017	0,198	FALSE
-0,117	0,280	-0,003	0,016	0,081	FALSE
0,046	0,282	0,001	0,013	0,027	FALSE
0,073	0,277	0,001	0,018	0,021	FALSE
-0,191	0,263	-0,006	0,010	0,267	FALSE
-0,199	0,265	-0,010	0,017	0,244	FALSE
0,016	0,283	0,001	0,009	0,055	FALSE
0,086	0,274	0,004	0,010	0,161	FALSE
-0,165	0,288	-0,005	0,009	0,210	FALSE
-0,175	0,274	-0,006	0,010	0,245	FALSE
0,044	0,292	0,001	0,009	0,035	FALSE
-0,122	0,288	-0,005	0,015	0,119	FALSE
-0,048	0,288	-0,002	0,010	0,081	FALSE

0,012	0,264	0,000	0,012	0,001	FALSE
0,013	0,269	0,000	0,012	0,001	FALSE
0,007	0,291	0,000	0,010	0,003	FALSE
0,160	0,278	0,006	0,012	0,197	FALSE
0,072	0,287	0,004	0,013	0,130	FALSE
0,066	0,289	0,005	0,013	0,165	FALSE
-0,162	0,286	-0,005	0,012	0,170	FALSE
-0,079	0,269	-0,003	0,014	0,070	FALSE
0,093	0,281	0,007	0,016	0,180	FALSE
0,035	0,272	0,002	0,011	0,063	FALSE
0,028	0,300	0,000	0,015	0,010	FALSE
0,006	0,290	0,001	0,014	0,025	FALSE
-0,139	0,282	-0,007	0,017	0,173	FALSE
-0,202	0,282	-0,007	0,011	0,309	FALSE
0,107	0,290	0,003	0,010	0,124	FALSE
-0,027	0,276	-0,002	0,011	0,055	FALSE
0,063	0,281	0,005	0,012	0,167	FALSE
0,022	0,278	-0,001	0,009	0,039	FALSE
0,112	0,288	0,006	0,016	0,136	FALSE
-0,029	0,289	-0,001	0,010	0,025	FALSE
-0,026	0,284	-0,001	0,009	0,057	FALSE
-0,056	0,274	-0,005	0,015	0,113	FALSE
-0,064	0,287	-0,005	0,017	0,123	FALSE
0,040	0,290	0,003	0,016	0,065	FALSE
0,017	0,288	-0,001	0,013	0,031	FALSE
-0,202	0,273	-0,008	0,012	0,303	FALSE
0,069	0,266	0,002	0,009	0,098	FALSE
0,113	0,278	0,005	0,010	0,233	FALSE
-0,129	0,280	-0,008	0,016	0,213	FALSE
-0,109	0,286	-0,007	0,016	0,172	FALSE
-0,097	0,287	-0,003	0,012	0,108	FALSE
-0,187	0,264	-0,006	0,010	0,240	FALSE
0,134	0,285	0,004	0,009	0,196	FALSE
-0,030	0,288	0,001	0,012	0,033	FALSE
0,079	0,289	0,003	0,011	0,093	FALSE
-0,018	0,290	-0,001	0,011	0,030	FALSE
-0,064	0,281	-0,004	0,014	0,108	FALSE
-0,002	0,285	-0,002	0,013	0,044	FALSE
-0,022	0,282	-0,001	0,010	0,055	FALSE
-0,053	0,303	-0,004	0,018	0,097	FALSE
-0,230	0,268	-0,013	0,016	0,386	FALSE
-0,231	0,261	-0,011	0,017	0,292	FALSE
-0,112	0,271	-0,003	0,017	0,070	FALSE
-0,069	0,299	-0,005	0,018	0,102	FALSE
0,232	0,258	0,005	0,008	0,287	FALSE
0,127	0,256	0,003	0,010	0,127	FALSE
-0,188	0,273	-0,005	0,008	0,282	FALSE
-0,027	0,292	-0,003	0,011	0,096	FALSE
0,097	0,277	0,002	0,013	0,073	FALSE
0,114	0,282	0,005	0,011	0,213	FALSE
-0,020	0,271	0,001	0,018	0,024	FALSE
-0,034	0,286	-0,001	0,014	0,020	FALSE
-0,025	0,289	-0,001	0,011	0,050	FALSE

0,017	0,280	-0,001	0,014	0,016	FALSE
-0,199	0,267	-0,006	0,011	0,251	FALSE
0,093	0,290	0,005	0,013	0,148	FALSE
0,049	0,294	0,001	0,011	0,033	FALSE
-0,151	0,267	-0,006	0,014	0,180	FALSE
0,074	0,284	0,001	0,010	0,035	FALSE
0,280	0,274	0,016	0,018	0,438	FALSE
-0,124	0,285	-0,008	0,018	0,184	FALSE
-0,077	0,289	-0,003	0,014	0,067	FALSE
0,146	0,273	0,007	0,013	0,218	FALSE
-0,110	0,281	-0,004	0,016	0,100	FALSE
0,130	0,275	0,005	0,013	0,152	FALSE
0,049	0,286	0,004	0,015	0,113	FALSE
0,058	0,304	0,005	0,015	0,139	FALSE
-0,166	0,262	-0,012	0,016	0,339	FALSE
-0,061	0,286	-0,002	0,012	0,072	FALSE
-0,017	0,296	0,000	0,014	0,008	FALSE
0,103	0,289	0,006	0,018	0,143	FALSE
0,047	0,270	0,002	0,015	0,061	FALSE
0,171	0,285	0,005	0,009	0,245	FALSE
-0,029	0,276	-0,001	0,011	0,032	FALSE
0,016	0,292	0,000	0,017	0,004	FALSE
0,145	0,292	0,005	0,009	0,235	FALSE
-0,066	0,293	-0,001	0,010	0,044	FALSE
0,034	0,288	0,002	0,009	0,100	FALSE
0,213	0,270	0,009	0,014	0,269	FALSE
0,255	0,263	0,007	0,011	0,309	FALSE
-0,139	0,289	-0,007	0,012	0,244	FALSE
-0,143	0,297	-0,005	0,014	0,138	FALSE
-0,167	0,267	-0,007	0,014	0,216	FALSE
0,084	0,279	0,003	0,013	0,074	FALSE
0,075	0,268	0,000	0,009	0,009	FALSE
-0,042	0,270	-0,005	0,015	0,131	FALSE
-0,019	0,293	-0,003	0,012	0,097	FALSE
-0,094	0,285	-0,005	0,010	0,206	FALSE
-0,002	0,290	-0,004	0,016	0,100	FALSE
-0,004	0,294	0,001	0,018	0,012	FALSE
-0,109	0,285	-0,003	0,009	0,124	FALSE
-0,127	0,278	-0,004	0,008	0,180	FALSE
0,053	0,288	0,002	0,015	0,037	FALSE
-0,106	0,272	-0,004	0,016	0,091	FALSE
-0,083	0,281	-0,003	0,015	0,084	FALSE
0,082	0,283	0,003	0,012	0,086	FALSE
0,091	0,273	0,004	0,010	0,140	FALSE
0,010	0,271	0,002	0,018	0,035	FALSE
0,070	0,282	0,004	0,011	0,137	FALSE
-0,030	0,271	-0,004	0,016	0,084	FALSE
-0,041	0,277	-0,004	0,017	0,089	FALSE
-0,053	0,298	-0,002	0,012	0,063	FALSE
-0,027	0,288	0,000	0,010	0,004	FALSE
0,129	0,280	0,004	0,010	0,179	FALSE
-0,079	0,285	-0,004	0,012	0,113	FALSE
0,016	0,269	0,000	0,012	0,015	FALSE

-0,115	0,278	-0,005	0,011	0,184	FALSE
-0,016	0,291	-0,001	0,016	0,031	FALSE
-0,023	0,298	-0,001	0,017	0,032	FALSE
0,095	0,282	0,004	0,016	0,088	FALSE
-0,151	0,291	-0,010	0,016	0,259	FALSE
0,086	0,295	0,001	0,010	0,038	FALSE
0,008	0,289	0,001	0,017	0,019	FALSE
0,018	0,289	0,002	0,017	0,048	FALSE
0,040	0,278	0,000	0,012	0,012	FALSE
0,074	0,300	0,003	0,015	0,091	FALSE
0,151	0,269	0,005	0,010	0,205	FALSE
-0,083	0,290	-0,003	0,009	0,105	FALSE
-0,059	0,288	-0,003	0,017	0,056	FALSE
-0,058	0,284	-0,002	0,009	0,075	FALSE
-0,010	0,278	0,000	0,016	0,003	FALSE
-0,122	0,275	-0,005	0,012	0,180	FALSE
-0,058	0,264	-0,001	0,013	0,036	FALSE
-0,078	0,275	-0,003	0,014	0,074	FALSE
0,017	0,292	0,002	0,011	0,071	FALSE
-0,022	0,286	-0,001	0,017	0,023	FALSE
-0,029	0,293	-0,001	0,017	0,029	FALSE
0,129	0,264	0,003	0,015	0,084	FALSE
0,224	0,276	0,013	0,017	0,335	TRUE
0,116	0,281	0,008	0,017	0,202	FALSE
0,107	0,268	0,008	0,017	0,207	FALSE
0,121	0,269	0,008	0,016	0,211	FALSE
-0,222	0,287	-0,012	0,015	0,392	FALSE
-0,146	0,284	-0,006	0,013	0,186	FALSE
-0,032	0,286	-0,001	0,010	0,043	FALSE
-0,153	0,283	-0,006	0,015	0,147	FALSE
-0,021	0,282	-0,002	0,013	0,059	FALSE
-0,066	0,278	-0,004	0,011	0,133	FALSE
0,075	0,291	0,006	0,015	0,154	FALSE
0,047	0,293	0,002	0,012	0,068	FALSE
0,125	0,267	0,006	0,011	0,218	FALSE
-0,088	0,292	-0,002	0,011	0,061	FALSE
0,069	0,269	0,002	0,011	0,071	FALSE
0,058	0,290	0,002	0,012	0,066	FALSE
-0,110	0,286	-0,003	0,011	0,108	FALSE
-0,106	0,292	-0,003	0,011	0,111	FALSE
0,027	0,268	-0,001	0,012	0,030	FALSE
0,025	0,293	0,001	0,014	0,018	FALSE
0,147	0,290	0,005	0,011	0,197	FALSE
-0,072	0,295	-0,004	0,015	0,103	FALSE
-0,034	0,297	0,001	0,010	0,019	FALSE
-0,012	0,307	0,000	0,010	0,014	FALSE
-0,032	0,301	-0,002	0,017	0,050	FALSE
-0,088	0,294	-0,005	0,015	0,125	FALSE
0,250	0,285	0,008	0,012	0,295	FALSE
0,261	0,255	0,007	0,011	0,309	FALSE
0,258	0,253	0,007	0,010	0,309	FALSE
-0,135	0,268	-0,005	0,011	0,192	FALSE
0,280	0,244	0,013	0,014	0,469	FALSE

0,081	0,272	0,002	0,016	0,048	FALSE
-0,114	0,277	-0,007	0,014	0,200	FALSE
0,019	0,268	0,001	0,015	0,025	FALSE
0,018	0,285	0,000	0,010	0,014	FALSE
-0,074	0,284	-0,002	0,012	0,076	FALSE
-0,005	0,273	-0,001	0,014	0,029	FALSE
0,165	0,268	0,005	0,014	0,139	FALSE
0,026	0,285	0,001	0,015	0,023	FALSE
-0,046	0,291	-0,002	0,012	0,054	FALSE
0,044	0,284	0,000	0,016	0,010	FALSE
-0,040	0,276	0,000	0,012	0,007	FALSE
0,006	0,293	0,001	0,010	0,027	FALSE
-0,201	0,267	-0,010	0,013	0,323	FALSE
0,074	0,282	0,002	0,009	0,094	FALSE
0,051	0,285	0,001	0,011	0,018	FALSE
-0,087	0,294	-0,004	0,016	0,094	FALSE
0,065	0,294	0,002	0,013	0,054	FALSE
0,024	0,286	0,000	0,015	0,005	FALSE
-0,026	0,288	0,000	0,017	0,008	FALSE
-0,182	0,267	-0,008	0,016	0,226	FALSE
-0,030	0,287	0,001	0,010	0,019	FALSE
0,206	0,271	0,005	0,010	0,225	FALSE
0,018	0,287	0,001	0,011	0,049	FALSE
-0,027	0,280	0,000	0,011	0,001	FALSE
-0,202	0,280	-0,006	0,010	0,287	FALSE
0,012	0,293	0,001	0,017	0,027	FALSE
-0,031	0,283	-0,001	0,015	0,014	FALSE
-0,029	0,289	-0,001	0,014	0,033	FALSE
0,024	0,289	-0,001	0,015	0,012	FALSE
-0,104	0,278	-0,003	0,017	0,065	FALSE
-0,068	0,278	-0,002	0,011	0,060	FALSE
0,110	0,283	0,004	0,012	0,145	FALSE
-0,014	0,291	0,001	0,011	0,039	FALSE
-0,133	0,278	-0,004	0,014	0,113	FALSE
0,179	0,288	0,008	0,017	0,191	FALSE
0,004	0,288	0,001	0,010	0,020	FALSE
0,197	0,274	0,008	0,013	0,280	FALSE
0,125	0,275	0,004	0,009	0,210	FALSE
-0,058	0,296	-0,003	0,010	0,109	FALSE
0,133	0,271	0,004	0,008	0,192	FALSE
-0,054	0,295	-0,001	0,009	0,033	FALSE
0,101	0,293	0,003	0,015	0,073	FALSE
0,010	0,288	-0,001	0,009	0,037	FALSE
-0,115	0,295	-0,004	0,009	0,163	FALSE
-0,029	0,284	0,001	0,013	0,028	FALSE
-0,054	0,287	0,000	0,013	0,005	FALSE
-0,036	0,298	0,001	0,014	0,019	FALSE
-0,146	0,280	-0,005	0,015	0,117	FALSE
-0,051	0,280	0,000	0,013	0,003	FALSE
-0,057	0,277	0,000	0,013	0,011	FALSE
-0,063	0,280	-0,001	0,013	0,017	FALSE
0,104	0,283	0,004	0,009	0,210	FALSE
-0,039	0,288	0,001	0,014	0,018	FALSE

-0,054	0,281	-0,002	0,009	0,091	FALSE
-0,181	0,286	-0,006	0,013	0,190	FALSE
0,158	0,258	0,005	0,016	0,130	FALSE
-0,101	0,285	-0,003	0,018	0,069	FALSE
0,184	0,287	0,006	0,011	0,258	FALSE
-0,017	0,276	-0,003	0,017	0,055	FALSE
0,181	0,279	0,009	0,018	0,228	FALSE
-0,046	0,278	0,000	0,013	0,007	FALSE
0,082	0,269	0,002	0,008	0,082	FALSE
0,002	0,283	0,002	0,011	0,075	FALSE
0,187	0,280	0,010	0,016	0,271	FALSE
0,147	0,278	0,005	0,011	0,183	FALSE
0,145	0,283	0,005	0,011	0,183	FALSE
0,114	0,275	0,003	0,015	0,089	FALSE
-0,079	0,278	-0,002	0,009	0,070	FALSE
-0,122	0,273	-0,004	0,015	0,100	FALSE
0,061	0,274	0,005	0,012	0,159	FALSE
-0,025	0,281	0,002	0,017	0,040	FALSE
0,242	0,267	0,007	0,008	0,420	FALSE
0,060	0,285	0,001	0,009	0,051	FALSE
0,007	0,280	0,002	0,016	0,041	FALSE
-0,017	0,297	0,001	0,015	0,024	FALSE
-0,114	0,285	-0,005	0,013	0,166	FALSE
-0,071	0,294	-0,002	0,012	0,064	FALSE
-0,164	0,273	-0,005	0,010	0,213	FALSE
-0,101	0,291	-0,002	0,015	0,052	FALSE
0,063	0,289	0,002	0,011	0,050	FALSE
-0,018	0,289	-0,002	0,015	0,040	FALSE
0,121	0,282	0,005	0,013	0,142	FALSE
-0,109	0,284	-0,005	0,017	0,124	FALSE
0,287	0,264	0,010	0,011	0,471	FALSE
-0,164	0,283	-0,004	0,010	0,162	FALSE
0,041	0,275	0,000	0,013	0,004	FALSE
-0,110	0,297	-0,003	0,009	0,123	FALSE
-0,061	0,274	-0,003	0,013	0,102	FALSE
0,143	0,284	0,005	0,009	0,246	FALSE
0,037	0,284	0,003	0,013	0,085	FALSE
0,112	0,284	0,004	0,009	0,195	FALSE
-0,092	0,292	-0,009	0,018	0,203	FALSE
0,099	0,280	0,002	0,015	0,058	FALSE
-0,183	0,276	-0,010	0,017	0,261	FALSE
0,245	0,267	0,010	0,011	0,415	FALSE
-0,175	0,260	-0,007	0,015	0,186	FALSE
-0,139	0,282	-0,007	0,012	0,238	FALSE
0,041	0,279	0,002	0,011	0,060	FALSE
0,092	0,289	0,003	0,010	0,109	FALSE
-0,114	0,279	-0,003	0,014	0,092	FALSE
-0,056	0,298	-0,002	0,012	0,066	FALSE
-0,143	0,280	-0,005	0,016	0,128	FALSE
-0,067	0,281	-0,003	0,016	0,078	FALSE
-0,045	0,285	-0,003	0,014	0,075	FALSE
0,088	0,289	0,004	0,011	0,155	FALSE
0,030	0,296	0,001	0,013	0,025	FALSE

-0,019	0,287	-0,002	0,011	0,065	FALSE
0,064	0,279	0,001	0,017	0,025	FALSE
0,057	0,290	0,003	0,011	0,112	FALSE
0,139	0,277	0,004	0,009	0,155	FALSE
0,112	0,286	0,003	0,009	0,121	FALSE
0,070	0,296	0,003	0,018	0,065	FALSE
-0,002	0,288	-0,003	0,017	0,072	FALSE
-0,054	0,284	-0,005	0,016	0,118	FALSE
-0,127	0,280	-0,002	0,011	0,089	FALSE
-0,010	0,290	0,000	0,017	0,008	FALSE
0,052	0,285	0,001	0,010	0,054	FALSE
0,071	0,280	0,005	0,017	0,108	FALSE
-0,007	0,281	0,002	0,016	0,046	FALSE
0,000	0,295	0,001	0,008	0,032	FALSE
-0,039	0,285	0,001	0,011	0,022	FALSE
-0,094	0,293	-0,006	0,018	0,146	FALSE
-0,064	0,275	-0,003	0,009	0,144	FALSE
0,069	0,295	0,003	0,015	0,083	FALSE
-0,040	0,286	-0,001	0,017	0,020	FALSE
0,137	0,279	0,005	0,009	0,205	FALSE
-0,083	0,287	-0,002	0,010	0,064	FALSE
-0,018	0,305	0,001	0,010	0,019	FALSE
-0,111	0,286	-0,004	0,013	0,126	FALSE
-0,051	0,299	-0,001	0,009	0,036	FALSE
-0,103	0,309	-0,005	0,019	0,095	FALSE
-0,056	0,282	-0,002	0,011	0,080	FALSE
0,072	0,280	0,003	0,015	0,071	FALSE
-0,150	0,289	-0,007	0,017	0,168	TRUE
0,012	0,289	0,000	0,016	0,011	FALSE
0,293	0,265	0,014	0,015	0,442	FALSE
-0,061	0,290	-0,003	0,013	0,092	FALSE
0,307	0,261	0,014	0,015	0,448	FALSE
0,320	0,243	0,017	0,016	0,543	FALSE
-0,022	0,289	0,000	0,010	0,004	FALSE
-0,081	0,275	-0,004	0,013	0,125	FALSE
-0,154	0,280	-0,008	0,016	0,227	FALSE
-0,071	0,292	-0,003	0,012	0,092	FALSE
-0,069	0,286	-0,004	0,015	0,098	FALSE
-0,048	0,281	0,000	0,009	0,013	FALSE
0,206	0,266	0,007	0,014	0,210	FALSE
-0,072	0,282	-0,001	0,011	0,035	FALSE
-0,055	0,279	-0,002	0,013	0,044	FALSE
-0,055	0,280	-0,002	0,013	0,047	FALSE
-0,054	0,275	-0,002	0,012	0,053	FALSE
0,000	0,286	-0,001	0,009	0,053	FALSE
-0,057	0,285	-0,004	0,017	0,079	FALSE
-0,133	0,282	-0,004	0,011	0,154	FALSE
0,161	0,280	0,008	0,017	0,197	FALSE
0,057	0,273	0,004	0,017	0,080	FALSE
0,101	0,269	0,006	0,013	0,200	FALSE
-0,126	0,280	-0,004	0,012	0,113	FALSE
0,120	0,276	0,003	0,009	0,155	FALSE
-0,145	0,285	-0,005	0,011	0,188	FALSE

-0,043	0,277	-0,003	0,014	0,079	FALSE
-0,259	0,281	-0,009	0,010	0,409	FALSE
-0,039	0,276	0,000	0,010	0,014	FALSE
-0,021	0,272	-0,001	0,011	0,039	FALSE
0,154	0,286	0,005	0,010	0,199	FALSE
-0,040	0,289	-0,001	0,009	0,025	FALSE
0,045	0,287	0,002	0,011	0,062	FALSE
-0,018	0,294	-0,001	0,015	0,030	FALSE
0,089	0,291	0,004	0,017	0,076	FALSE
0,083	0,281	0,002	0,011	0,087	FALSE
0,037	0,289	0,001	0,017	0,018	FALSE
0,059	0,282	0,003	0,018	0,058	FALSE
0,077	0,279	0,002	0,009	0,092	FALSE
0,055	0,282	0,002	0,014	0,059	FALSE
0,149	0,283	0,005	0,011	0,188	FALSE
-0,025	0,291	-0,001	0,010	0,030	FALSE
0,085	0,291	0,002	0,010	0,075	FALSE
0,166	0,266	0,004	0,010	0,154	FALSE
0,040	0,303	0,001	0,010	0,041	FALSE
-0,188	0,285	-0,006	0,013	0,208	FALSE
-0,006	0,287	0,000	0,010	0,012	FALSE
-0,100	0,269	-0,002	0,012	0,075	FALSE
0,126	0,264	0,004	0,009	0,199	FALSE
0,094	0,287	0,006	0,014	0,164	FALSE
-0,115	0,291	-0,003	0,010	0,120	FALSE
-0,256	0,272	-0,010	0,013	0,362	FALSE
-0,034	0,280	0,000	0,010	0,015	FALSE
0,195	0,273	0,006	0,010	0,251	FALSE
0,180	0,275	0,008	0,015	0,246	FALSE
-0,252	0,280	-0,011	0,013	0,412	FALSE
-0,147	0,283	-0,004	0,015	0,113	FALSE
-0,001	0,278	-0,002	0,013	0,042	FALSE
-0,017	0,284	-0,002	0,015	0,048	FALSE
-0,254	0,272	-0,010	0,013	0,352	FALSE
0,243	0,267	0,008	0,011	0,342	FALSE
-0,035	0,271	0,000	0,015	0,005	FALSE
0,334	0,249	0,010	0,009	0,514	FALSE
-0,096	0,286	-0,001	0,013	0,041	FALSE
-0,223	0,276	-0,010	0,014	0,341	FALSE
-0,093	0,280	-0,003	0,010	0,116	FALSE
-0,052	0,286	0,001	0,014	0,033	FALSE
-0,121	0,288	-0,008	0,018	0,195	FALSE
0,093	0,281	0,004	0,016	0,106	FALSE
0,048	0,281	0,002	0,009	0,071	FALSE
0,129	0,284	0,007	0,016	0,169	FALSE
-0,079	0,284	-0,002	0,011	0,086	FALSE
-0,052	0,292	-0,001	0,011	0,046	FALSE
0,086	0,276	0,002	0,012	0,061	FALSE
-0,031	0,275	-0,002	0,015	0,044	FALSE
-0,006	0,283	-0,001	0,017	0,016	FALSE
0,227	0,266	0,008	0,013	0,280	FALSE
-0,037	0,292	0,000	0,010	0,005	FALSE
-0,009	0,291	-0,001	0,013	0,033	FALSE

-0,210	0,280	-0,006	0,011	0,230	FALSE
0,126	0,276	0,008	0,015	0,235	FALSE
-0,014	0,292	-0,001	0,017	0,021	FALSE
-0,189	0,284	-0,013	0,018	0,335	FALSE
-0,032	0,291	-0,002	0,015	0,046	FALSE
-0,009	0,300	-0,001	0,015	0,020	FALSE
0,103	0,274	0,004	0,009	0,177	FALSE
0,011	0,291	0,000	0,009	0,005	FALSE
-0,189	0,276	-0,007	0,015	0,189	FALSE
0,149	0,284	0,006	0,012	0,205	FALSE
0,037	0,276	0,002	0,016	0,034	FALSE
-0,017	0,281	0,000	0,008	0,007	FALSE
0,062	0,281	0,002	0,010	0,063	FALSE
0,061	0,286	0,002	0,008	0,071	FALSE
-0,146	0,288	-0,006	0,012	0,204	FALSE
0,045	0,277	0,001	0,009	0,056	FALSE
-0,048	0,279	-0,004	0,012	0,117	FALSE
-0,039	0,278	0,001	0,013	0,034	FALSE
0,099	0,281	0,002	0,009	0,075	FALSE
0,005	0,288	0,000	0,016	0,006	FALSE
0,121	0,293	0,002	0,009	0,094	FALSE
0,128	0,267	0,004	0,011	0,148	FALSE
-0,084	0,278	-0,003	0,011	0,110	FALSE
0,063	0,281	0,005	0,017	0,115	FALSE
0,168	0,275	0,005	0,010	0,243	FALSE
-0,011	0,283	-0,001	0,009	0,042	FALSE
0,212	0,271	0,007	0,012	0,231	FALSE
-0,052	0,293	0,000	0,009	0,008	FALSE
0,050	0,286	0,002	0,012	0,071	FALSE
-0,131	0,276	-0,003	0,010	0,102	FALSE
-0,011	0,271	-0,002	0,012	0,062	FALSE
-0,091	0,296	-0,004	0,012	0,150	FALSE
-0,061	0,286	-0,004	0,018	0,078	FALSE
0,066	0,289	0,003	0,017	0,067	FALSE
0,126	0,281	0,006	0,011	0,221	FALSE
-0,054	0,279	-0,003	0,015	0,075	FALSE
-0,032	0,291	-0,001	0,009	0,055	FALSE
-0,187	0,287	-0,011	0,018	0,268	FALSE
-0,189	0,277	-0,012	0,018	0,291	FALSE
0,183	0,271	0,007	0,012	0,256	FALSE
-0,013	0,284	-0,001	0,016	0,026	FALSE
-0,002	0,299	0,002	0,014	0,038	FALSE
-0,212	0,275	-0,009	0,018	0,219	FALSE
-0,129	0,280	-0,006	0,017	0,143	FALSE
-0,087	0,290	-0,004	0,009	0,158	FALSE
-0,095	0,274	-0,004	0,011	0,158	FALSE
-0,209	0,275	-0,008	0,012	0,289	FALSE
-0,143	0,285	-0,005	0,012	0,170	FALSE
0,005	0,282	0,000	0,009	0,010	FALSE
-0,051	0,287	-0,001	0,009	0,044	FALSE
0,095	0,291	0,003	0,013	0,103	FALSE
-0,005	0,304	0,000	0,009	0,003	FALSE
0,017	0,305	0,002	0,011	0,060	FALSE

-0,025	0,275	-0,002	0,009	0,068	FALSE
-0,116	0,291	-0,003	0,010	0,134	FALSE
0,246	0,268	0,016	0,018	0,445	FALSE
-0,035	0,287	0,000	0,011	0,002	FALSE
-0,079	0,292	-0,003	0,015	0,066	FALSE
-0,074	0,279	-0,002	0,010	0,056	FALSE
0,008	0,267	0,000	0,013	0,010	FALSE
0,094	0,280	0,003	0,011	0,106	FALSE
0,106	0,277	0,005	0,013	0,136	FALSE
-0,206	0,277	-0,007	0,010	0,306	FALSE
-0,086	0,286	-0,003	0,012	0,112	FALSE
0,174	0,280	0,008	0,013	0,260	FALSE
0,138	0,282	0,003	0,009	0,151	FALSE
0,190	0,283	0,009	0,016	0,259	FALSE
-0,041	0,294	-0,001	0,015	0,017	FALSE
-0,170	0,291	-0,009	0,016	0,236	FALSE
-0,194	0,277	-0,010	0,016	0,274	FALSE
-0,193	0,277	-0,010	0,016	0,279	FALSE
0,034	0,280	0,002	0,016	0,037	FALSE
0,056	0,280	0,002	0,010	0,056	FALSE
0,114	0,288	0,005	0,013	0,142	FALSE
-0,012	0,275	-0,002	0,011	0,053	FALSE
0,054	0,284	0,001	0,013	0,024	FALSE
-0,076	0,296	-0,002	0,008	0,101	FALSE
-0,011	0,287	0,001	0,018	0,012	FALSE
-0,110	0,293	-0,006	0,018	0,128	FALSE
0,075	0,282	0,003	0,010	0,131	FALSE
0,068	0,290	0,003	0,015	0,071	FALSE
0,112	0,285	0,005	0,011	0,165	FALSE
-0,174	0,277	-0,004	0,011	0,165	FALSE
0,049	0,288	0,003	0,014	0,075	FALSE
-0,066	0,295	-0,003	0,013	0,079	FALSE
0,018	0,286	0,002	0,018	0,039	FALSE
0,010	0,291	0,001	0,011	0,036	FALSE
0,211	0,263	0,011	0,016	0,320	FALSE
-0,174	0,283	-0,013	0,018	0,319	FALSE
0,061	0,282	0,003	0,010	0,124	FALSE
0,143	0,283	0,010	0,016	0,280	FALSE
-0,183	0,282	-0,012	0,017	0,307	FALSE
0,107	0,284	0,005	0,012	0,194	FALSE
-0,171	0,272	-0,008	0,017	0,186	FALSE
-0,091	0,267	-0,003	0,017	0,061	FALSE
-0,056	0,288	-0,005	0,018	0,100	FALSE
-0,007	0,287	0,000	0,010	0,013	FALSE
-0,089	0,286	-0,005	0,018	0,113	FALSE
0,080	0,280	0,004	0,012	0,111	FALSE
0,025	0,283	-0,002	0,015	0,054	FALSE
0,073	0,284	0,001	0,018	0,024	FALSE
0,088	0,288	0,002	0,017	0,046	FALSE
0,162	0,283	0,007	0,017	0,162	FALSE
0,024	0,276	0,000	0,010	0,005	FALSE
0,051	0,285	0,001	0,010	0,039	FALSE
-0,015	0,305	0,001	0,013	0,026	FALSE

0,133	0,278	0,005	0,013	0,165	FALSE
-0,135	0,283	-0,006	0,017	0,150	FALSE
-0,006	0,276	-0,002	0,015	0,035	FALSE
0,121	0,254	0,007	0,015	0,207	FALSE
0,073	0,273	0,004	0,016	0,100	FALSE
-0,001	0,284	0,001	0,010	0,019	FALSE
0,039	0,278	0,004	0,012	0,120	FALSE
0,045	0,278	-0,001	0,014	0,021	FALSE
-0,076	0,294	-0,002	0,010	0,075	FALSE
-0,102	0,288	-0,003	0,010	0,121	FALSE
0,100	0,279	0,003	0,012	0,095	FALSE
0,087	0,279	0,002	0,013	0,067	FALSE
0,002	0,284	0,000	0,017	0,004	FALSE
0,012	0,274	0,001	0,016	0,014	FALSE
-0,031	0,288	-0,001	0,017	0,014	FALSE
-0,008	0,295	0,000	0,017	0,003	FALSE
0,004	0,290	0,001	0,017	0,012	FALSE
-0,001	0,276	0,000	0,016	0,003	FALSE
-0,015	0,285	-0,001	0,017	0,020	FALSE
-0,211	0,281	-0,007	0,013	0,234	FALSE
0,099	0,272	0,003	0,016	0,075	FALSE
0,112	0,280	0,004	0,009	0,178	FALSE
0,135	0,260	0,007	0,014	0,212	FALSE
-0,018	0,297	0,000	0,015	0,005	FALSE
0,269	0,270	0,012	0,013	0,464	FALSE
-0,024	0,292	-0,001	0,011	0,048	FALSE
-0,019	0,283	-0,001	0,011	0,039	FALSE
-0,089	0,281	-0,004	0,018	0,078	FALSE
0,020	0,296	0,003	0,018	0,056	FALSE
0,020	0,295	0,001	0,014	0,025	FALSE
-0,027	0,287	-0,002	0,018	0,051	FALSE
0,084	0,281	0,003	0,013	0,090	FALSE
-0,022	0,289	-0,002	0,018	0,036	FALSE
0,058	0,299	0,003	0,009	0,124	FALSE
-0,034	0,286	-0,001	0,014	0,032	FALSE
-0,093	0,276	-0,004	0,012	0,128	FALSE
0,012	0,296	0,001	0,009	0,033	FALSE
-0,119	0,290	-0,003	0,009	0,147	FALSE
-0,022	0,286	0,000	0,010	0,010	FALSE
-0,046	0,280	-0,001	0,010	0,047	FALSE
0,032	0,295	0,001	0,010	0,023	FALSE
0,051	0,288	0,003	0,016	0,066	FALSE
0,144	0,280	0,009	0,017	0,230	FALSE
0,055	0,281	0,004	0,018	0,084	FALSE
-0,079	0,290	-0,005	0,013	0,141	FALSE
-0,095	0,276	-0,003	0,010	0,105	FALSE
0,020	0,294	0,001	0,012	0,029	FALSE
0,152	0,272	0,005	0,013	0,163	FALSE
-0,018	0,283	-0,001	0,012	0,045	FALSE
0,030	0,257	0,001	0,017	0,013	FALSE
0,160	0,283	0,006	0,011	0,247	FALSE
0,026	0,282	0,002	0,018	0,037	FALSE
0,052	0,284	0,003	0,017	0,075	FALSE

-0,030	0,267	-0,001	0,009	0,024	FALSE
0,101	0,293	0,004	0,017	0,091	FALSE
-0,125	0,288	-0,003	0,010	0,143	FALSE
0,008	0,271	0,001	0,016	0,013	FALSE
0,182	0,282	0,008	0,013	0,289	FALSE
0,171	0,285	0,008	0,013	0,254	FALSE
0,168	0,285	0,009	0,016	0,255	FALSE
-0,208	0,282	-0,009	0,016	0,229	FALSE
0,011	0,265	0,001	0,011	0,021	FALSE
0,161	0,282	0,005	0,012	0,177	FALSE
0,172	0,280	0,006	0,011	0,224	FALSE
-0,031	0,288	-0,001	0,009	0,042	FALSE
-0,086	0,281	-0,002	0,011	0,087	FALSE
0,230	0,258	0,007	0,009	0,385	FALSE
0,077	0,293	0,004	0,016	0,108	FALSE
0,013	0,281	0,001	0,017	0,026	FALSE
0,032	0,286	0,001	0,012	0,035	FALSE
-0,033	0,296	-0,002	0,011	0,062	FALSE
-0,117	0,291	-0,003	0,009	0,118	FALSE
0,003	0,290	-0,001	0,011	0,017	FALSE
0,061	0,298	0,002	0,011	0,063	FALSE
-0,008	0,283	-0,001	0,016	0,031	FALSE
-0,043	0,272	-0,001	0,009	0,039	FALSE
0,122	0,284	0,009	0,018	0,209	FALSE
-0,107	0,293	-0,006	0,015	0,158	FALSE
-0,110	0,277	-0,006	0,014	0,173	FALSE
-0,120	0,284	-0,007	0,015	0,203	FALSE
-0,133	0,282	-0,008	0,014	0,234	FALSE
-0,055	0,288	-0,005	0,015	0,114	FALSE
-0,024	0,266	-0,001	0,009	0,021	FALSE
0,196	0,277	0,009	0,017	0,231	FALSE
0,245	0,274	0,013	0,017	0,339	FALSE
0,121	0,264	0,005	0,016	0,119	FALSE
-0,023	0,268	0,002	0,016	0,054	FALSE
0,003	0,283	0,002	0,013	0,061	FALSE
0,070	0,278	0,005	0,016	0,120	FALSE
0,125	0,283	0,006	0,017	0,130	FALSE
0,032	0,270	0,001	0,016	0,023	FALSE
-0,160	0,276	-0,004	0,013	0,107	FALSE
-0,082	0,273	-0,001	0,009	0,041	FALSE
-0,094	0,290	-0,005	0,016	0,131	FALSE
0,015	0,290	-0,002	0,018	0,040	FALSE
0,003	0,280	0,002	0,013	0,047	FALSE
0,051	0,282	0,000	0,008	0,001	FALSE
-0,114	0,269	-0,005	0,011	0,181	FALSE
-0,023	0,289	-0,003	0,017	0,066	FALSE
0,240	0,283	0,013	0,018	0,328	FALSE
0,203	0,277	0,007	0,013	0,228	FALSE
-0,048	0,286	-0,001	0,009	0,040	FALSE
0,046	0,302	0,002	0,013	0,069	FALSE
0,140	0,270	0,007	0,016	0,174	FALSE
0,087	0,289	0,005	0,012	0,166	FALSE
0,080	0,272	0,007	0,015	0,196	FALSE

-0,167	0,275	-0,009	0,016	0,233	FALSE
0,095	0,276	0,005	0,017	0,123	FALSE
0,018	0,283	-0,001	0,012	0,041	FALSE
-0,124	0,296	-0,006	0,016	0,150	FALSE
-0,115	0,277	-0,004	0,009	0,164	FALSE
0,169	0,279	0,010	0,017	0,263	FALSE
0,027	0,276	0,001	0,010	0,044	FALSE
-0,057	0,306	-0,003	0,018	0,062	FALSE
-0,132	0,285	-0,005	0,012	0,183	FALSE
0,010	0,283	0,000	0,009	0,012	FALSE
-0,159	0,272	-0,007	0,018	0,165	FALSE
-0,058	0,278	0,000	0,012	0,012	FALSE
0,193	0,273	0,010	0,017	0,246	FALSE
0,004	0,287	0,000	0,009	0,011	FALSE
-0,152	0,278	-0,005	0,012	0,173	FALSE
-0,013	0,282	-0,001	0,018	0,021	FALSE
-0,057	0,267	-0,002	0,016	0,059	FALSE
-0,160	0,278	-0,008	0,015	0,243	FALSE
-0,098	0,269	-0,004	0,010	0,159	FALSE
0,025	0,290	0,001	0,009	0,053	FALSE
0,015	0,286	-0,001	0,017	0,030	FALSE
0,029	0,274	0,000	0,009	0,010	FALSE
-0,067	0,288	-0,003	0,009	0,147	FALSE
-0,008	0,275	-0,001	0,012	0,021	FALSE
-0,015	0,288	0,000	0,018	0,004	FALSE
0,020	0,278	0,000	0,013	0,011	FALSE
0,106	0,297	0,004	0,009	0,180	FALSE
-0,160	0,284	-0,004	0,011	0,160	FALSE
-0,003	0,271	-0,001	0,008	0,035	FALSE
0,068	0,294	0,004	0,015	0,102	FALSE
0,098	0,283	0,006	0,018	0,127	FALSE
0,089	0,290	0,005	0,018	0,109	FALSE
0,076	0,283	0,004	0,018	0,096	FALSE
0,058	0,272	0,003	0,016	0,072	FALSE
0,048	0,282	0,002	0,017	0,046	FALSE
-0,010	0,295	-0,001	0,017	0,027	FALSE
0,111	0,284	0,006	0,017	0,146	FALSE
0,065	0,297	0,003	0,018	0,070	FALSE
0,280	0,272	0,009	0,011	0,381	FALSE
-0,191	0,279	-0,006	0,009	0,283	FALSE
-0,188	0,279	-0,005	0,012	0,192	FALSE
0,139	0,282	0,008	0,017	0,187	FALSE
-0,150	0,284	-0,006	0,011	0,265	FALSE
0,144	0,264	0,005	0,009	0,253	FALSE
0,029	0,291	0,000	0,009	0,010	FALSE
0,020	0,282	0,001	0,010	0,021	FALSE
-0,044	0,283	-0,002	0,014	0,063	FALSE
0,082	0,292	0,005	0,013	0,135	FALSE
0,058	0,276	0,001	0,015	0,032	FALSE
0,002	0,275	-0,001	0,009	0,035	FALSE
-0,171	0,289	-0,007	0,017	0,173	FALSE
-0,181	0,271	-0,007	0,014	0,210	FALSE
0,030	0,281	0,004	0,016	0,095	FALSE

0,185	0,279	0,005	0,009	0,230	FALSE
-0,109	0,280	-0,003	0,011	0,091	FALSE
0,221	0,277	0,006	0,010	0,266	FALSE
-0,184	0,272	-0,006	0,009	0,280	FALSE
0,021	0,284	0,000	0,013	0,004	FALSE
-0,146	0,285	-0,002	0,009	0,105	FALSE
0,144	0,283	0,006	0,016	0,143	FALSE
0,100	0,281	0,003	0,010	0,139	FALSE
0,084	0,280	0,003	0,013	0,076	FALSE
-0,140	0,303	-0,003	0,009	0,128	FALSE
-0,087	0,283	-0,003	0,014	0,071	FALSE
0,015	0,268	0,000	0,013	0,006	FALSE
0,047	0,292	0,000	0,015	0,002	FALSE
0,056	0,291	-0,001	0,018	0,017	FALSE
0,031	0,292	0,003	0,016	0,078	FALSE
0,096	0,276	0,003	0,014	0,070	FALSE
0,061	0,285	0,004	0,017	0,098	FALSE
-0,277	0,272	-0,011	0,012	0,437	FALSE
0,062	0,274	0,001	0,013	0,030	FALSE
0,061	0,277	0,002	0,011	0,063	FALSE
-0,044	0,284	0,000	0,013	0,000	FALSE
-0,025	0,290	-0,002	0,016	0,044	FALSE
0,151	0,270	0,004	0,012	0,123	FALSE
0,091	0,286	0,004	0,010	0,158	FALSE
-0,005	0,306	-0,001	0,013	0,015	FALSE
-0,077	0,279	-0,002	0,014	0,047	FALSE
0,015	0,275	0,003	0,013	0,082	FALSE
0,030	0,278	0,000	0,011	0,013	FALSE
-0,034	0,296	-0,002	0,011	0,065	FALSE
-0,004	0,290	0,002	0,011	0,064	FALSE
0,004	0,281	-0,001	0,017	0,030	FALSE
0,037	0,279	0,003	0,012	0,090	FALSE
-0,043	0,300	-0,002	0,013	0,055	FALSE
-0,014	0,289	0,002	0,018	0,036	FALSE
0,068	0,299	0,001	0,017	0,030	FALSE
-0,011	0,275	-0,001	0,012	0,022	FALSE
-0,014	0,271	0,000	0,009	0,007	FALSE
0,070	0,290	0,003	0,019	0,053	FALSE
0,218	0,279	0,007	0,010	0,323	FALSE
-0,100	0,279	-0,004	0,014	0,103	FALSE
0,018	0,290	0,001	0,012	0,019	FALSE
0,063	0,291	0,003	0,014	0,093	FALSE
-0,038	0,282	-0,001	0,014	0,025	FALSE
0,032	0,265	0,001	0,009	0,050	FALSE
-0,098	0,283	-0,004	0,011	0,132	FALSE
0,037	0,277	0,002	0,016	0,044	FALSE
0,002	0,293	0,000	0,012	0,000	FALSE
0,184	0,277	0,008	0,012	0,276	FALSE
0,052	0,283	0,002	0,011	0,074	FALSE
-0,086	0,284	-0,003	0,009	0,148	FALSE
0,057	0,280	0,002	0,010	0,065	FALSE
-0,027	0,275	-0,002	0,012	0,073	FALSE
-0,183	0,289	-0,006	0,010	0,259	FALSE

0,026	0,289	0,002	0,011	0,072	FALSE
0,169	0,253	0,006	0,017	0,152	FALSE
-0,189	0,275	-0,005	0,009	0,220	FALSE
0,093	0,289	0,004	0,017	0,092	FALSE
0,186	0,280	0,006	0,010	0,260	FALSE
-0,096	0,300	-0,004	0,012	0,150	FALSE
0,026	0,270	-0,001	0,012	0,022	FALSE
0,004	0,273	-0,002	0,013	0,051	FALSE
0,024	0,286	0,003	0,017	0,057	FALSE
-0,057	0,299	0,000	0,012	0,001	FALSE
0,081	0,281	0,002	0,014	0,060	FALSE
0,120	0,280	0,006	0,016	0,148	FALSE
-0,061	0,279	-0,003	0,011	0,121	FALSE
0,073	0,282	0,003	0,014	0,074	FALSE
0,041	0,271	0,001	0,015	0,027	FALSE
-0,104	0,277	-0,006	0,017	0,137	FALSE
-0,126	0,286	-0,007	0,017	0,170	FALSE
-0,208	0,277	-0,007	0,010	0,340	FALSE
-0,237	0,268	-0,007	0,009	0,382	FALSE
0,038	0,290	0,001	0,017	0,022	FALSE
0,081	0,296	0,003	0,009	0,148	FALSE
-0,017	0,291	0,000	0,013	0,005	FALSE
0,143	0,284	0,005	0,010	0,205	FALSE
0,056	0,284	0,001	0,010	0,048	FALSE
0,071	0,273	0,003	0,011	0,097	FALSE
0,011	0,278	0,000	0,011	0,010	FALSE
0,088	0,256	0,002	0,009	0,083	FALSE
0,029	0,290	0,001	0,012	0,027	FALSE
0,129	0,292	0,007	0,017	0,159	FALSE
-0,207	0,287	-0,006	0,009	0,309	FALSE
-0,204	0,285	-0,006	0,009	0,288	FALSE
0,133	0,278	0,007	0,017	0,163	FALSE
0,118	0,272	0,006	0,017	0,139	FALSE
0,137	0,276	0,005	0,009	0,270	FALSE
0,054	0,271	0,001	0,016	0,023	FALSE
0,075	0,278	0,002	0,013	0,067	FALSE
0,061	0,280	0,002	0,012	0,048	FALSE
0,102	0,280	0,002	0,010	0,078	FALSE
-0,072	0,286	-0,005	0,016	0,125	FALSE
0,133	0,297	0,008	0,014	0,268	FALSE
0,001	0,293	0,000	0,010	0,009	FALSE
-0,013	0,290	0,001	0,015	0,016	FALSE
-0,065	0,286	-0,003	0,016	0,080	FALSE
0,013	0,283	0,000	0,011	0,006	FALSE
0,280	0,258	0,014	0,015	0,460	FALSE
0,114	0,270	0,009	0,017	0,220	FALSE
-0,002	0,289	0,000	0,016	0,006	FALSE
0,025	0,298	0,000	0,010	0,004	FALSE
0,095	0,297	0,005	0,016	0,127	FALSE
0,053	0,270	0,000	0,016	0,005	FALSE
0,134	0,278	0,004	0,010	0,175	FALSE
-0,159	0,292	-0,004	0,010	0,151	FALSE
0,082	0,282	0,004	0,014	0,111	FALSE

0,211	0,274	0,008	0,012	0,267	FALSE
-0,117	0,277	-0,002	0,008	0,092	FALSE
-0,012	0,301	-0,001	0,016	0,026	FALSE
0,160	0,282	0,007	0,016	0,197	FALSE
0,115	0,286	0,006	0,015	0,148	FALSE
0,148	0,285	0,004	0,010	0,149	FALSE
0,028	0,284	0,001	0,010	0,021	FALSE
0,003	0,287	-0,002	0,017	0,052	FALSE
-0,105	0,281	-0,002	0,012	0,059	FALSE
0,015	0,275	0,000	0,010	0,016	FALSE
0,088	0,264	0,005	0,017	0,122	FALSE
0,102	0,253	0,006	0,016	0,160	FALSE
-0,099	0,280	-0,002	0,008	0,089	FALSE
-0,135	0,275	-0,007	0,015	0,191	FALSE
0,179	0,272	0,008	0,017	0,214	FALSE
0,039	0,291	0,001	0,010	0,054	FALSE
-0,103	0,283	-0,003	0,009	0,119	FALSE
0,167	0,288	0,007	0,015	0,203	FALSE
0,285	0,270	0,012	0,013	0,449	FALSE
0,272	0,265	0,009	0,011	0,394	FALSE
-0,039	0,277	-0,002	0,015	0,039	FALSE
-0,042	0,286	-0,002	0,009	0,063	FALSE
-0,110	0,290	-0,003	0,009	0,122	FALSE
0,100	0,279	0,005	0,013	0,134	FALSE
-0,008	0,274	-0,003	0,013	0,077	FALSE
0,121	0,276	0,004	0,013	0,135	FALSE
0,042	0,280	0,006	0,016	0,134	FALSE
-0,028	0,280	0,000	0,017	0,007	FALSE
-0,094	0,283	-0,005	0,012	0,174	FALSE
-0,042	0,279	-0,002	0,015	0,043	FALSE
-0,019	0,274	-0,002	0,014	0,061	FALSE
-0,123	0,276	-0,004	0,009	0,185	FALSE
-0,073	0,294	-0,001	0,011	0,031	FALSE
-0,017	0,293	0,000	0,016	0,006	FALSE
-0,143	0,297	-0,005	0,013	0,170	FALSE
-0,048	0,290	-0,002	0,017	0,047	FALSE
0,047	0,274	0,002	0,010	0,057	FALSE
-0,001	0,276	0,001	0,010	0,038	FALSE
0,098	0,286	0,005	0,012	0,156	FALSE
0,051	0,272	0,001	0,013	0,022	FALSE
0,059	0,272	0,000	0,009	0,020	FALSE
0,109	0,273	0,004	0,013	0,116	FALSE
0,101	0,285	0,004	0,009	0,176	FALSE
-0,005	0,295	-0,001	0,011	0,027	FALSE
-0,166	0,280	-0,005	0,009	0,253	FALSE
-0,180	0,275	-0,008	0,013	0,277	FALSE
0,164	0,292	0,007	0,012	0,226	FALSE
-0,095	0,282	-0,003	0,012	0,109	FALSE
-0,018	0,289	-0,004	0,017	0,082	FALSE
0,059	0,280	0,002	0,011	0,061	FALSE
0,029	0,289	0,000	0,009	0,005	FALSE
-0,024	0,294	-0,002	0,015	0,038	FALSE
-0,119	0,281	-0,004	0,010	0,141	FALSE

-0,008	0,273	0,001	0,012	0,017	FALSE
0,049	0,285	0,001	0,009	0,045	FALSE
-0,177	0,281	-0,010	0,016	0,273	FALSE
-0,041	0,285	-0,002	0,013	0,069	FALSE
0,157	0,277	0,006	0,013	0,175	FALSE
0,087	0,286	0,003	0,013	0,073	FALSE
0,064	0,273	0,003	0,008	0,146	FALSE
-0,199	0,285	-0,010	0,014	0,315	FALSE
-0,096	0,283	-0,006	0,016	0,163	FALSE
-0,061	0,275	-0,005	0,016	0,125	FALSE
-0,007	0,281	0,001	0,017	0,020	FALSE
0,119	0,285	0,004	0,009	0,178	FALSE
0,085	0,280	0,002	0,009	0,105	FALSE
0,112	0,282	0,006	0,013	0,202	FALSE
-0,081	0,282	-0,004	0,014	0,098	FALSE
0,010	0,293	0,002	0,017	0,040	FALSE
0,084	0,292	0,005	0,014	0,156	FALSE
0,176	0,271	0,005	0,011	0,181	FALSE
-0,038	0,286	-0,003	0,009	0,122	FALSE
-0,036	0,291	-0,002	0,015	0,046	FALSE
-0,082	0,291	-0,003	0,010	0,099	FALSE
-0,249	0,274	-0,009	0,014	0,312	FALSE
0,068	0,279	0,001	0,013	0,020	FALSE
0,073	0,284	0,004	0,017	0,087	FALSE
0,218	0,277	0,007	0,011	0,309	FALSE
-0,122	0,268	-0,006	0,016	0,157	FALSE
0,125	0,289	0,005	0,017	0,122	FALSE
0,099	0,270	0,003	0,011	0,117	FALSE
-0,038	0,284	-0,001	0,009	0,023	FALSE
-0,026	0,291	0,000	0,014	0,001	FALSE
-0,053	0,282	-0,002	0,008	0,089	FALSE
-0,055	0,292	-0,003	0,010	0,100	FALSE
-0,034	0,293	-0,001	0,010	0,054	FALSE
-0,042	0,295	-0,001	0,015	0,023	FALSE
0,194	0,277	0,005	0,009	0,252	FALSE
0,168	0,278	0,004	0,009	0,187	FALSE
-0,016	0,289	-0,001	0,012	0,015	FALSE
-0,051	0,273	-0,001	0,009	0,038	FALSE
0,010	0,276	0,002	0,013	0,054	FALSE
0,134	0,274	0,004	0,009	0,164	FALSE
-0,102	0,271	-0,005	0,017	0,112	FALSE
0,219	0,270	0,008	0,011	0,321	FALSE
-0,050	0,282	-0,005	0,018	0,111	FALSE
-0,037	0,291	0,000	0,009	0,015	FALSE
-0,010	0,290	-0,001	0,010	0,028	FALSE
0,080	0,297	0,002	0,009	0,103	FALSE
0,044	0,288	0,002	0,009	0,070	FALSE
-0,091	0,277	-0,004	0,010	0,177	FALSE
0,040	0,291	0,001	0,009	0,058	FALSE
-0,124	0,295	-0,003	0,009	0,134	FALSE
0,000	0,280	0,000	0,016	0,002	FALSE
0,177	0,273	0,005	0,013	0,174	FALSE
0,024	0,293	0,001	0,011	0,027	FALSE

0,068	0,283	0,003	0,011	0,107	FALSE
0,067	0,276	0,002	0,012	0,074	FALSE
-0,019	0,282	-0,002	0,013	0,059	FALSE
-0,178	0,284	-0,004	0,009	0,198	FALSE
0,057	0,276	0,002	0,009	0,065	FALSE
0,023	0,261	-0,002	0,017	0,044	FALSE
-0,093	0,273	-0,002	0,010	0,079	FALSE
0,092	0,294	0,003	0,016	0,070	FALSE
-0,003	0,269	0,000	0,009	0,006	FALSE
-0,139	0,291	-0,005	0,013	0,140	FALSE
0,237	0,281	0,012	0,018	0,314	FALSE
-0,075	0,279	-0,003	0,013	0,089	FALSE
0,044	0,287	0,001	0,009	0,033	FALSE
-0,033	0,279	-0,003	0,014	0,089	FALSE
-0,140	0,269	-0,009	0,016	0,245	FALSE
-0,143	0,297	-0,007	0,013	0,220	FALSE
-0,173	0,266	-0,011	0,017	0,278	FALSE
-0,024	0,286	-0,001	0,015	0,013	FALSE
0,010	0,291	0,001	0,011	0,043	FALSE
0,068	0,276	0,002	0,009	0,101	FALSE
-0,110	0,287	-0,003	0,011	0,094	FALSE
-0,066	0,281	-0,004	0,011	0,132	FALSE
-0,089	0,291	-0,004	0,012	0,132	FALSE
0,267	0,262	0,011	0,013	0,443	FALSE
0,171	0,265	0,008	0,012	0,280	FALSE
-0,012	0,284	0,001	0,010	0,052	FALSE
0,093	0,268	0,005	0,012	0,167	FALSE
-0,149	0,279	-0,005	0,013	0,157	FALSE
0,066	0,293	0,004	0,016	0,092	FALSE
0,325	0,258	0,019	0,017	0,582	FALSE
0,029	0,276	0,002	0,015	0,037	FALSE
0,177	0,276	0,006	0,009	0,287	FALSE
0,090	0,270	0,005	0,016	0,137	FALSE
0,047	0,283	0,002	0,012	0,063	FALSE
0,138	0,275	0,007	0,017	0,162	FALSE
-0,014	0,287	0,000	0,017	0,007	FALSE
-0,151	0,275	-0,009	0,018	0,219	FALSE
0,049	0,280	0,001	0,013	0,018	FALSE
-0,120	0,285	-0,004	0,014	0,102	FALSE
-0,011	0,294	-0,002	0,015	0,046	FALSE
-0,002	0,294	0,001	0,011	0,044	FALSE
0,023	0,286	0,002	0,016	0,047	FALSE
0,011	0,305	-0,001	0,016	0,028	FALSE
0,005	0,284	0,001	0,017	0,016	FALSE
-0,012	0,281	0,000	0,015	0,001	FALSE
0,018	0,294	0,001	0,016	0,029	FALSE
-0,096	0,286	-0,004	0,013	0,138	FALSE
0,137	0,275	0,004	0,009	0,178	FALSE
-0,132	0,269	-0,004	0,009	0,174	FALSE
0,137	0,289	0,007	0,017	0,170	FALSE
0,093	0,280	0,004	0,012	0,143	FALSE
0,132	0,286	0,005	0,015	0,148	FALSE
0,066	0,287	0,002	0,013	0,062	FALSE

0,092	0,275	0,003	0,015	0,076	FALSE
0,029	0,276	0,005	0,013	0,171	FALSE
0,035	0,267	0,000	0,009	0,015	FALSE
-0,037	0,275	0,000	0,012	0,007	FALSE
-0,012	0,284	0,001	0,013	0,039	FALSE
-0,043	0,274	-0,001	0,011	0,032	FALSE
0,016	0,271	0,001	0,010	0,048	FALSE
-0,037	0,279	0,001	0,012	0,016	FALSE
0,022	0,277	0,000	0,012	0,001	FALSE
-0,101	0,288	-0,005	0,012	0,156	FALSE
0,169	0,285	0,006	0,010	0,244	FALSE
-0,087	0,280	-0,005	0,014	0,142	FALSE
-0,010	0,291	0,000	0,009	0,018	FALSE
0,028	0,305	0,003	0,014	0,088	FALSE
-0,057	0,289	-0,002	0,012	0,065	FALSE
-0,008	0,290	-0,002	0,014	0,063	FALSE
-0,146	0,276	-0,009	0,015	0,249	FALSE
0,139	0,280	0,008	0,017	0,201	FALSE
-0,047	0,297	-0,003	0,015	0,072	FALSE
0,038	0,286	0,001	0,010	0,037	FALSE
0,011	0,288	-0,001	0,016	0,017	FALSE
0,085	0,277	0,003	0,010	0,116	FALSE
0,082	0,272	0,003	0,008	0,158	FALSE
-0,094	0,293	-0,002	0,009	0,068	FALSE
0,107	0,275	0,004	0,012	0,156	FALSE
0,041	0,291	0,002	0,014	0,055	FALSE
0,051	0,268	0,003	0,014	0,068	FALSE
-0,082	0,272	-0,005	0,016	0,139	FALSE
-0,172	0,273	-0,004	0,010	0,180	FALSE
0,214	0,271	0,010	0,017	0,261	FALSE
-0,063	0,265	-0,002	0,012	0,054	FALSE
0,132	0,286	0,007	0,014	0,218	FALSE
0,069	0,285	0,001	0,010	0,052	FALSE
-0,049	0,283	-0,002	0,012	0,071	FALSE
0,110	0,291	0,005	0,011	0,164	FALSE
-0,116	0,290	-0,008	0,017	0,208	FALSE
-0,070	0,291	-0,006	0,017	0,141	FALSE
-0,068	0,281	-0,006	0,017	0,149	FALSE
0,084	0,286	0,005	0,016	0,113	FALSE
0,081	0,278	0,005	0,015	0,138	FALSE
0,146	0,284	0,006	0,013	0,202	FALSE
-0,110	0,283	-0,007	0,017	0,173	FALSE
0,002	0,287	0,000	0,009	0,003	FALSE
-0,040	0,285	-0,002	0,013	0,044	FALSE
-0,053	0,279	-0,002	0,014	0,045	FALSE
-0,055	0,282	-0,002	0,013	0,056	FALSE
0,029	0,272	0,001	0,010	0,029	FALSE
0,176	0,284	0,006	0,009	0,288	FALSE
-0,021	0,272	-0,001	0,010	0,032	FALSE
-0,167	0,270	-0,005	0,010	0,194	FALSE
-0,019	0,283	0,000	0,013	0,008	FALSE
-0,203	0,288	-0,007	0,014	0,196	FALSE
-0,078	0,285	-0,003	0,011	0,100	FALSE

0,188	0,260	0,003	0,008	0,166	FALSE
-0,078	0,279	-0,003	0,009	0,108	FALSE
0,158	0,287	0,007	0,011	0,270	FALSE
-0,007	0,278	-0,002	0,012	0,050	FALSE
-0,082	0,275	-0,003	0,014	0,086	FALSE
0,026	0,296	0,001	0,018	0,027	FALSE
-0,041	0,286	0,000	0,010	0,005	FALSE
-0,053	0,283	-0,001	0,010	0,022	FALSE
-0,019	0,283	-0,002	0,016	0,046	FALSE
-0,087	0,275	-0,004	0,013	0,119	FALSE
-0,118	0,295	-0,005	0,015	0,144	FALSE
0,061	0,277	0,002	0,012	0,063	FALSE
-0,068	0,288	-0,001	0,017	0,017	FALSE
-0,066	0,303	-0,003	0,017	0,071	FALSE
-0,052	0,287	-0,003	0,012	0,106	FALSE
-0,058	0,285	-0,003	0,014	0,074	FALSE
-0,048	0,264	-0,003	0,017	0,070	FALSE
0,089	0,285	0,003	0,009	0,113	FALSE
0,164	0,276	0,005	0,010	0,212	FALSE
-0,033	0,284	-0,003	0,015	0,077	FALSE
-0,153	0,301	-0,007	0,014	0,224	FALSE
-0,083	0,279	-0,001	0,009	0,037	FALSE
-0,123	0,258	-0,007	0,014	0,202	FALSE
0,099	0,275	0,006	0,013	0,201	FALSE
-0,107	0,277	-0,003	0,009	0,137	FALSE
0,011	0,288	0,000	0,012	0,002	FALSE
0,130	0,273	0,003	0,011	0,116	FALSE
-0,029	0,284	0,001	0,008	0,026	FALSE
0,147	0,282	0,007	0,016	0,173	FALSE
-0,117	0,277	-0,007	0,016	0,185	FALSE
-0,086	0,276	-0,003	0,014	0,076	FALSE
0,012	0,279	0,002	0,009	0,073	FALSE
-0,058	0,286	-0,002	0,009	0,076	FALSE
-0,068	0,296	-0,005	0,018	0,103	FALSE
0,091	0,283	0,005	0,017	0,104	FALSE
-0,060	0,275	-0,004	0,018	0,075	FALSE
-0,214	0,265	-0,011	0,014	0,376	FALSE
-0,012	0,283	0,000	0,010	0,003	FALSE
-0,093	0,278	-0,006	0,017	0,149	FALSE
-0,003	0,286	-0,001	0,013	0,040	FALSE
-0,032	0,285	-0,002	0,017	0,039	FALSE
0,124	0,279	0,004	0,012	0,128	FALSE
-0,042	0,284	-0,002	0,017	0,038	FALSE
0,252	0,278	0,013	0,016	0,368	FALSE
-0,024	0,259	0,001	0,017	0,028	FALSE
-0,143	0,266	-0,009	0,015	0,257	FALSE
0,050	0,275	0,002	0,014	0,060	FALSE
0,047	0,271	0,002	0,014	0,064	FALSE
-0,091	0,282	-0,005	0,016	0,135	FALSE
0,017	0,278	0,000	0,011	0,013	FALSE
0,027	0,286	0,001	0,011	0,029	FALSE
-0,057	0,273	-0,004	0,017	0,085	FALSE
-0,013	0,288	-0,001	0,011	0,043	FALSE

0,113	0,271	0,006	0,010	0,225	FALSE
-0,071	0,277	-0,006	0,012	0,188	FALSE
0,105	0,292	0,005	0,015	0,134	FALSE
-0,078	0,269	-0,005	0,013	0,154	FALSE
-0,035	0,283	-0,001	0,011	0,037	FALSE
0,134	0,284	0,006	0,018	0,129	FALSE
-0,063	0,278	-0,003	0,012	0,085	FALSE
-0,056	0,281	-0,004	0,013	0,115	FALSE
-0,147	0,284	-0,004	0,011	0,165	FALSE
-0,093	0,272	-0,005	0,011	0,214	FALSE
-0,039	0,269	-0,004	0,015	0,102	FALSE
-0,110	0,289	-0,007	0,017	0,180	FALSE
-0,104	0,280	-0,007	0,016	0,181	FALSE
-0,041	0,273	-0,002	0,011	0,067	FALSE
0,068	0,281	0,004	0,017	0,089	FALSE
-0,153	0,282	-0,004	0,009	0,173	FALSE
-0,023	0,278	0,000	0,014	0,010	FALSE
-0,093	0,282	-0,004	0,009	0,167	FALSE
0,009	0,275	0,001	0,016	0,024	FALSE
0,090	0,284	0,005	0,011	0,168	FALSE
0,114	0,283	0,005	0,011	0,218	FALSE
0,206	0,272	0,009	0,011	0,381	FALSE
0,023	0,279	0,001	0,009	0,041	FALSE
0,008	0,286	0,000	0,018	0,003	FALSE
-0,262	0,289	-0,008	0,010	0,336	FALSE
0,132	0,269	0,008	0,017	0,189	FALSE
-0,135	0,293	-0,006	0,014	0,172	FALSE
-0,094	0,264	-0,004	0,016	0,108	FALSE
0,090	0,293	0,003	0,013	0,089	FALSE
0,021	0,291	0,001	0,011	0,031	FALSE
0,096	0,276	0,004	0,013	0,109	FALSE
0,053	0,284	0,002	0,014	0,047	FALSE
-0,079	0,283	-0,006	0,017	0,139	FALSE
-0,078	0,284	-0,002	0,010	0,075	FALSE
0,143	0,274	0,006	0,016	0,162	FALSE
0,176	0,285	0,008	0,012	0,275	FALSE
-0,054	0,284	-0,002	0,010	0,071	FALSE
-0,026	0,297	-0,001	0,010	0,046	FALSE
0,053	0,282	0,004	0,016	0,108	FALSE
-0,147	0,287	-0,005	0,010	0,212	FALSE
-0,062	0,295	-0,004	0,014	0,117	FALSE
-0,060	0,291	-0,003	0,014	0,094	FALSE
-0,095	0,279	-0,008	0,017	0,184	FALSE
-0,018	0,304	0,001	0,013	0,022	FALSE
0,062	0,264	0,003	0,016	0,065	FALSE
0,110	0,274	0,003	0,011	0,096	FALSE
0,068	0,287	0,004	0,016	0,084	FALSE
0,122	0,264	0,003	0,010	0,119	FALSE
-0,192	0,284	-0,010	0,015	0,286	FALSE
-0,174	0,292	-0,009	0,016	0,255	FALSE
-0,118	0,288	-0,003	0,008	0,157	FALSE
-0,119	0,283	-0,009	0,013	0,287	FALSE
-0,081	0,311	-0,003	0,014	0,078	FALSE

-0,044	0,291	-0,001	0,016	0,025	FALSE
-0,002	0,283	0,001	0,015	0,017	FALSE
-0,147	0,283	-0,004	0,009	0,200	FALSE
-0,096	0,300	-0,004	0,010	0,161	FALSE
0,054	0,290	0,001	0,015	0,015	FALSE
-0,148	0,288	-0,005	0,010	0,183	FALSE
-0,107	0,274	-0,002	0,009	0,100	FALSE
-0,115	0,272	-0,006	0,011	0,234	FALSE
0,132	0,294	0,007	0,014	0,188	FALSE
-0,188	0,272	-0,009	0,013	0,303	FALSE
0,116	0,263	0,003	0,017	0,072	FALSE
-0,250	0,266	-0,013	0,018	0,344	FALSE
-0,065	0,289	-0,003	0,018	0,065	FALSE
-0,002	0,279	-0,005	0,018	0,100	FALSE
-0,104	0,266	-0,003	0,009	0,126	FALSE
-0,052	0,269	-0,007	0,017	0,161	FALSE
-0,037	0,279	-0,006	0,018	0,122	FALSE
-0,227	0,260	-0,009	0,014	0,293	FALSE
-0,086	0,289	-0,003	0,018	0,071	FALSE
0,092	0,270	0,000	0,015	0,003	FALSE
0,149	0,260	0,006	0,012	0,197	FALSE
-0,032	0,265	-0,005	0,017	0,118	FALSE
-0,203	0,280	-0,008	0,012	0,284	FALSE
-0,227	0,280	-0,011	0,015	0,350	FALSE
-0,018	0,284	0,000	0,011	0,014	FALSE
-0,057	0,287	-0,002	0,014	0,060	FALSE
-0,050	0,279	-0,002	0,014	0,063	FALSE
-0,079	0,288	-0,004	0,014	0,105	FALSE
-0,096	0,285	-0,002	0,011	0,083	FALSE
0,125	0,280	0,005	0,009	0,259	FALSE
-0,025	0,288	0,000	0,010	0,012	FALSE
-0,083	0,276	-0,005	0,011	0,165	FALSE
0,039	0,285	0,003	0,013	0,073	FALSE
0,053	0,292	0,004	0,011	0,132	FALSE
-0,019	0,277	-0,001	0,009	0,040	FALSE
0,000	0,285	0,000	0,010	0,006	FALSE
-0,087	0,279	-0,003	0,012	0,110	FALSE
-0,192	0,276	-0,005	0,009	0,244	FALSE
-0,265	0,276	-0,013	0,013	0,510	FALSE
-0,130	0,287	-0,005	0,010	0,211	FALSE
0,100	0,293	0,002	0,012	0,059	FALSE
0,013	0,270	-0,001	0,013	0,027	FALSE
-0,061	0,297	-0,003	0,010	0,107	FALSE
0,076	0,273	0,001	0,010	0,051	FALSE
-0,124	0,293	-0,005	0,015	0,123	FALSE
0,144	0,292	0,007	0,018	0,163	FALSE
-0,096	0,291	-0,007	0,018	0,153	FALSE
0,144	0,261	0,007	0,014	0,191	FALSE
0,164	0,277	0,007	0,017	0,177	FALSE
-0,050	0,277	-0,001	0,011	0,017	FALSE
-0,060	0,281	-0,002	0,015	0,038	FALSE
0,021	0,292	0,002	0,014	0,050	FALSE
0,088	0,303	0,003	0,014	0,086	FALSE

0,259	0,261	0,012	0,016	0,363	FALSE
-0,022	0,288	0,000	0,009	0,018	FALSE
0,120	0,257	0,007	0,013	0,228	FALSE
0,177	0,262	0,011	0,014	0,353	FALSE
-0,097	0,284	-0,004	0,014	0,122	FALSE
-0,168	0,271	-0,008	0,017	0,214	FALSE
-0,021	0,287	0,000	0,011	0,012	FALSE
-0,022	0,293	0,000	0,016	0,009	FALSE
0,099	0,285	0,005	0,014	0,126	FALSE
-0,079	0,285	-0,004	0,016	0,094	FALSE
0,128	0,295	0,007	0,018	0,157	FALSE
0,054	0,289	0,003	0,009	0,115	FALSE
-0,087	0,275	-0,002	0,009	0,092	FALSE
-0,009	0,280	0,000	0,016	0,000	FALSE
-0,014	0,280	0,000	0,015	0,003	FALSE
0,027	0,287	0,002	0,010	0,074	FALSE
-0,009	0,286	-0,001	0,009	0,040	FALSE
0,058	0,294	0,003	0,012	0,084	FALSE
0,014	0,282	0,000	0,011	0,003	FALSE
-0,047	0,280	-0,001	0,008	0,029	FALSE
0,048	0,288	0,000	0,012	0,013	FALSE
0,097	0,288	0,006	0,013	0,175	FALSE
0,094	0,293	0,003	0,009	0,114	FALSE
0,034	0,291	0,003	0,016	0,060	FALSE
-0,022	0,281	0,000	0,008	0,021	FALSE
0,028	0,277	0,001	0,011	0,017	FALSE
0,037	0,285	0,003	0,010	0,109	FALSE
0,113	0,287	0,005	0,011	0,192	FALSE
-0,253	0,266	-0,010	0,013	0,354	FALSE
0,081	0,275	0,005	0,015	0,127	FALSE
0,170	0,275	0,009	0,017	0,227	FALSE
0,108	0,289	0,003	0,010	0,124	FALSE
-0,052	0,285	-0,002	0,017	0,053	FALSE
-0,026	0,273	-0,001	0,014	0,018	FALSE
-0,016	0,268	-0,001	0,011	0,024	FALSE
0,098	0,306	0,006	0,013	0,185	FALSE
-0,099	0,304	-0,004	0,014	0,115	FALSE
-0,214	0,276	-0,009	0,011	0,363	FALSE
0,146	0,274	0,005	0,013	0,155	FALSE
-0,164	0,275	-0,005	0,010	0,218	FALSE
0,233	0,265	0,012	0,015	0,397	FALSE
-0,217	0,277	-0,015	0,017	0,416	FALSE
0,083	0,265	0,006	0,017	0,137	FALSE
-0,129	0,287	-0,004	0,012	0,134	FALSE
0,077	0,285	0,002	0,009	0,063	FALSE
0,212	0,273	0,007	0,012	0,270	FALSE
0,063	0,272	0,000	0,010	0,011	FALSE
-0,164	0,274	-0,008	0,012	0,278	FALSE
-0,137	0,281	-0,007	0,016	0,171	FALSE
0,011	0,266	0,000	0,011	0,011	FALSE
0,061	0,279	0,002	0,012	0,069	FALSE
0,061	0,277	0,002	0,012	0,052	FALSE
-0,318	0,255	-0,017	0,017	0,498	FALSE

0,128	0,289	0,007	0,018	0,162	FALSE
-0,151	0,286	-0,004	0,010	0,148	FALSE
-0,093	0,272	-0,001	0,009	0,055	FALSE
-0,167	0,286	-0,006	0,009	0,263	FALSE
0,161	0,268	0,006	0,012	0,229	FALSE
0,034	0,292	0,002	0,010	0,085	FALSE
0,125	0,288	0,004	0,016	0,088	FALSE
0,094	0,278	0,002	0,015	0,053	FALSE
0,061	0,293	0,002	0,017	0,041	FALSE
0,024	0,283	0,003	0,014	0,091	FALSE
0,172	0,272	0,008	0,014	0,245	FALSE
0,040	0,293	0,004	0,018	0,095	FALSE
0,010	0,278	0,003	0,017	0,055	FALSE
0,057	0,278	0,003	0,016	0,075	FALSE
-0,132	0,280	-0,007	0,014	0,205	FALSE
-0,079	0,287	-0,002	0,009	0,076	FALSE
0,078	0,278	0,005	0,013	0,157	FALSE
0,012	0,293	-0,002	0,017	0,041	FALSE
-0,143	0,277	-0,009	0,016	0,249	FALSE
-0,105	0,277	-0,006	0,015	0,166	FALSE
0,122	0,282	0,005	0,016	0,119	FALSE
-0,101	0,292	-0,006	0,016	0,145	FALSE
-0,113	0,285	-0,007	0,016	0,176	FALSE
0,057	0,298	0,004	0,012	0,139	FALSE
-0,053	0,305	-0,002	0,014	0,048	FALSE
0,011	0,305	0,001	0,014	0,017	FALSE
0,020	0,294	0,001	0,014	0,021	FALSE
0,154	0,265	0,004	0,009	0,178	FALSE
0,005	0,297	0,002	0,010	0,063	FALSE
-0,023	0,286	-0,002	0,015	0,056	FALSE
-0,157	0,275	-0,006	0,011	0,235	FALSE
0,084	0,290	0,004	0,015	0,116	FALSE
-0,044	0,294	-0,003	0,018	0,055	FALSE
-0,025	0,286	-0,001	0,013	0,025	FALSE
-0,142	0,290	-0,006	0,018	0,123	FALSE
0,041	0,289	0,004	0,018	0,080	FALSE
0,115	0,282	0,006	0,013	0,172	FALSE
0,043	0,281	0,005	0,011	0,166	FALSE
0,011	0,280	-0,001	0,009	0,023	FALSE
0,015	0,281	-0,001	0,010	0,022	FALSE
-0,090	0,283	-0,005	0,014	0,145	FALSE
0,043	0,280	0,002	0,010	0,087	FALSE
-0,082	0,291	-0,005	0,015	0,139	FALSE
0,032	0,291	0,001	0,017	0,021	FALSE
-0,016	0,271	0,000	0,016	0,007	FALSE
-0,011	0,278	0,001	0,016	0,018	FALSE
-0,080	0,284	-0,001	0,009	0,034	FALSE
-0,082	0,269	-0,001	0,016	0,014	FALSE
-0,032	0,289	-0,001	0,012	0,036	FALSE
0,142	0,294	0,007	0,014	0,211	FALSE
0,131	0,295	0,007	0,014	0,202	FALSE
0,272	0,267	0,014	0,015	0,446	FALSE
-0,140	0,290	-0,004	0,010	0,159	FALSE

0,221	0,293	0,008	0,010	0,360	FALSE
-0,022	0,272	-0,001	0,011	0,016	FALSE
-0,042	0,278	-0,001	0,009	0,024	FALSE
-0,068	0,282	-0,002	0,016	0,052	FALSE
-0,064	0,281	-0,002	0,016	0,040	FALSE
0,008	0,276	-0,001	0,015	0,014	FALSE
0,022	0,299	0,001	0,012	0,032	FALSE
0,050	0,281	0,003	0,013	0,085	FALSE
0,028	0,271	0,002	0,012	0,053	FALSE
0,146	0,294	0,007	0,017	0,165	FALSE
-0,189	0,278	-0,010	0,013	0,337	FALSE
0,194	0,275	0,005	0,009	0,232	FALSE
-0,083	0,273	-0,006	0,015	0,176	FALSE
0,020	0,281	0,000	0,015	0,006	FALSE
0,010	0,298	0,002	0,016	0,045	FALSE
-0,110	0,283	-0,004	0,010	0,142	FALSE
-0,159	0,285	-0,005	0,011	0,201	FALSE
0,131	0,273	0,011	0,017	0,301	FALSE
0,004	0,297	-0,002	0,009	0,060	FALSE
-0,054	0,296	-0,002	0,017	0,036	FALSE
-0,076	0,285	-0,003	0,012	0,108	FALSE
-0,011	0,291	-0,001	0,017	0,010	FALSE
0,044	0,300	0,001	0,017	0,019	FALSE
0,183	0,272	0,009	0,015	0,274	FALSE
-0,038	0,272	0,000	0,009	0,010	FALSE
0,155	0,275	0,007	0,010	0,311	FALSE
-0,037	0,280	-0,002	0,012	0,066	FALSE
-0,032	0,293	0,000	0,011	0,005	FALSE
0,204	0,264	0,006	0,010	0,253	FALSE
-0,077	0,283	-0,004	0,015	0,094	FALSE
-0,141	0,287	-0,005	0,010	0,198	FALSE
-0,053	0,271	-0,004	0,012	0,145	FALSE
-0,199	0,283	-0,005	0,009	0,234	FALSE
0,069	0,286	0,003	0,009	0,117	FALSE
0,150	0,283	0,011	0,017	0,292	FALSE
0,253	0,269	0,009	0,010	0,420	FALSE
0,230	0,271	0,008	0,010	0,350	FALSE
-0,210	0,271	-0,008	0,011	0,324	FALSE
0,095	0,273	0,004	0,011	0,122	FALSE
0,054	0,288	0,002	0,012	0,059	FALSE
-0,050	0,270	-0,005	0,015	0,140	FALSE
0,004	0,270	-0,001	0,014	0,026	FALSE
-0,148	0,290	-0,006	0,015	0,150	FALSE
0,223	0,278	0,008	0,015	0,240	FALSE
-0,007	0,293	0,000	0,012	0,014	FALSE
-0,013	0,299	0,000	0,009	0,017	FALSE
-0,107	0,287	-0,002	0,009	0,083	FALSE
-0,042	0,283	-0,002	0,011	0,084	FALSE
-0,070	0,302	-0,001	0,010	0,041	FALSE
-0,151	0,278	-0,007	0,016	0,189	FALSE
0,200	0,277	0,008	0,014	0,244	FALSE
-0,045	0,276	-0,002	0,013	0,048	FALSE
0,016	0,289	0,003	0,016	0,071	FALSE

0,045	0,300	0,002	0,011	0,064	FALSE
-0,023	0,281	-0,004	0,017	0,082	FALSE
-0,084	0,281	-0,004	0,016	0,083	FALSE
0,065	0,285	0,004	0,016	0,097	FALSE
0,154	0,272	0,004	0,009	0,174	FALSE
0,024	0,286	0,002	0,009	0,075	FALSE
-0,093	0,288	-0,004	0,018	0,086	FALSE
0,279	0,262	0,014	0,015	0,459	FALSE
0,007	0,286	0,001	0,012	0,023	FALSE
-0,103	0,286	-0,006	0,017	0,150	FALSE
-0,104	0,288	-0,002	0,010	0,060	FALSE
-0,070	0,276	-0,005	0,016	0,106	FALSE
0,018	0,283	-0,001	0,014	0,021	FALSE
-0,005	0,276	-0,002	0,014	0,054	FALSE
0,042	0,294	0,002	0,013	0,051	FALSE
0,005	0,263	0,001	0,014	0,038	FALSE
-0,137	0,274	-0,006	0,017	0,145	FALSE
0,106	0,284	0,005	0,015	0,139	FALSE
-0,127	0,272	-0,009	0,017	0,223	FALSE
0,060	0,260	0,006	0,016	0,162	FALSE
0,040	0,289	0,002	0,010	0,081	FALSE
0,038	0,285	0,003	0,010	0,109	FALSE
-0,178	0,285	-0,007	0,015	0,198	FALSE
0,133	0,279	0,005	0,013	0,161	FALSE
-0,003	0,294	0,001	0,017	0,023	FALSE
-0,006	0,291	-0,001	0,010	0,043	FALSE
0,000	0,277	0,000	0,011	0,004	FALSE
0,265	0,277	0,014	0,014	0,503	FALSE
0,169	0,290	0,006	0,010	0,248	FALSE
-0,133	0,281	-0,005	0,014	0,130	FALSE
-0,109	0,280	-0,003	0,014	0,077	FALSE
-0,001	0,263	0,000	0,011	0,008	FALSE
-0,147	0,275	-0,006	0,009	0,259	FALSE
0,061	0,270	0,000	0,009	0,012	FALSE
0,215	0,275	0,007	0,011	0,298	FALSE
0,143	0,277	0,005	0,011	0,178	FALSE
0,208	0,284	0,010	0,013	0,344	FALSE
-0,105	0,291	-0,002	0,009	0,090	FALSE
-0,031	0,278	-0,002	0,011	0,059	FALSE
-0,023	0,287	0,000	0,014	0,007	FALSE
-0,096	0,282	-0,003	0,010	0,100	FALSE
-0,035	0,295	0,000	0,014	0,010	FALSE
-0,209	0,259	-0,008	0,013	0,260	FALSE
-0,073	0,282	-0,002	0,008	0,082	FALSE
-0,096	0,280	-0,003	0,012	0,092	FALSE
-0,160	0,285	-0,006	0,013	0,190	FALSE
-0,067	0,289	-0,005	0,015	0,120	FALSE
0,196	0,273	0,009	0,013	0,328	FALSE
-0,021	0,282	0,000	0,011	0,008	FALSE
0,024	0,286	0,000	0,017	0,000	FALSE
-0,052	0,277	-0,002	0,011	0,081	FALSE
-0,010	0,277	-0,001	0,017	0,014	FALSE
-0,035	0,289	-0,003	0,015	0,087	FALSE

-0,035	0,287	-0,004	0,018	0,094	FALSE
-0,133	0,280	-0,007	0,013	0,225	FALSE
-0,062	0,285	-0,003	0,011	0,091	FALSE
0,006	0,285	0,002	0,010	0,064	FALSE
0,147	0,269	0,008	0,017	0,188	FALSE
-0,074	0,272	-0,006	0,016	0,158	FALSE
0,062	0,264	0,002	0,011	0,053	FALSE
0,021	0,294	0,001	0,010	0,048	FALSE
-0,019	0,282	-0,001	0,016	0,028	FALSE
0,156	0,282	0,005	0,012	0,177	FALSE
-0,007	0,283	-0,001	0,016	0,012	FALSE
-0,013	0,292	0,001	0,016	0,024	FALSE
0,064	0,290	0,004	0,014	0,112	FALSE
-0,197	0,286	-0,011	0,018	0,261	FALSE
0,011	0,264	0,001	0,014	0,033	FALSE
0,014	0,280	0,002	0,014	0,047	FALSE
-0,012	0,287	0,000	0,014	0,012	FALSE
0,014	0,271	0,001	0,013	0,038	FALSE
-0,014	0,269	0,000	0,014	0,012	FALSE
0,020	0,274	0,003	0,014	0,077	FALSE
-0,015	0,283	-0,001	0,010	0,044	FALSE
0,167	0,283	0,007	0,013	0,244	FALSE
-0,044	0,277	-0,001	0,009	0,038	FALSE
-0,017	0,288	0,000	0,011	0,001	FALSE
-0,066	0,278	-0,002	0,016	0,048	FALSE
-0,115	0,287	-0,004	0,010	0,173	FALSE
-0,084	0,277	-0,003	0,009	0,112	FALSE
-0,189	0,277	-0,014	0,017	0,373	FALSE
0,174	0,278	0,013	0,018	0,316	FALSE
-0,070	0,284	-0,005	0,014	0,146	FALSE
0,007	0,288	0,001	0,012	0,038	FALSE
-0,210	0,274	-0,008	0,012	0,304	FALSE
0,007	0,272	0,002	0,014	0,049	FALSE
0,099	0,295	0,005	0,018	0,101	FALSE
0,082	0,283	0,005	0,014	0,150	FALSE
0,001	0,288	0,001	0,010	0,034	FALSE
0,017	0,297	0,000	0,016	0,010	FALSE
-0,110	0,286	-0,003	0,012	0,114	FALSE
-0,122	0,272	-0,004	0,012	0,132	FALSE
-0,067	0,280	-0,002	0,014	0,047	FALSE
-0,090	0,275	-0,002	0,012	0,050	FALSE
0,059	0,283	0,002	0,015	0,046	FALSE
-0,014	0,286	0,000	0,016	0,010	FALSE
-0,098	0,288	-0,004	0,015	0,101	FALSE
0,129	0,276	0,004	0,009	0,167	FALSE
0,057	0,278	0,000	0,009	0,018	FALSE
0,052	0,280	0,003	0,016	0,078	FALSE
0,074	0,262	0,001	0,012	0,036	FALSE
0,038	0,282	0,002	0,010	0,077	FALSE
0,060	0,289	0,003	0,016	0,077	FALSE
0,172	0,292	0,007	0,014	0,224	FALSE
-0,212	0,278	-0,010	0,015	0,289	FALSE
0,012	0,296	0,002	0,009	0,067	FALSE

0,086	0,282	0,004	0,017	0,088	FALSE
0,084	0,282	0,003	0,017	0,068	FALSE
0,088	0,287	0,006	0,012	0,195	FALSE
-0,004	0,292	-0,001	0,009	0,035	FALSE
-0,181	0,291	-0,006	0,010	0,246	FALSE
0,085	0,274	0,003	0,010	0,098	FALSE
0,006	0,284	0,001	0,017	0,012	FALSE
-0,063	0,286	-0,003	0,017	0,070	FALSE
0,111	0,276	0,004	0,011	0,159	FALSE
-0,034	0,276	-0,003	0,011	0,109	FALSE
-0,089	0,285	-0,003	0,010	0,107	FALSE
0,030	0,282	0,003	0,017	0,069	FALSE
-0,001	0,281	0,000	0,010	0,003	FALSE
0,095	0,288	0,003	0,011	0,111	FALSE
-0,026	0,285	0,000	0,012	0,011	FALSE
-0,070	0,301	-0,004	0,018	0,093	FALSE
0,057	0,280	0,001	0,009	0,042	FALSE
-0,163	0,303	-0,007	0,012	0,275	FALSE
-0,068	0,288	-0,002	0,009	0,074	FALSE
-0,008	0,299	0,001	0,009	0,028	FALSE
-0,008	0,287	0,001	0,014	0,021	FALSE
0,082	0,292	0,005	0,013	0,148	FALSE
-0,173	0,278	-0,009	0,015	0,279	FALSE
0,155	0,265	0,009	0,015	0,242	FALSE
0,176	0,274	0,010	0,016	0,271	FALSE
0,163	0,273	0,004	0,008	0,221	FALSE
-0,013	0,284	0,000	0,009	0,005	FALSE
0,015	0,275	-0,001	0,015	0,019	FALSE
-0,046	0,278	-0,003	0,012	0,102	FALSE
-0,067	0,288	-0,004	0,017	0,090	FALSE
-0,024	0,291	-0,001	0,009	0,026	FALSE
-0,129	0,281	-0,009	0,017	0,222	FALSE
0,070	0,274	0,003	0,010	0,124	FALSE
-0,125	0,278	-0,005	0,013	0,168	FALSE
0,046	0,291	0,003	0,015	0,067	FALSE
0,025	0,285	0,001	0,009	0,029	FALSE
0,040	0,277	0,002	0,012	0,050	FALSE
-0,091	0,279	-0,004	0,011	0,133	FALSE
-0,103	0,292	-0,003	0,011	0,126	FALSE
0,084	0,288	0,004	0,012	0,123	FALSE
0,164	0,277	0,006	0,012	0,185	FALSE
0,173	0,264	0,006	0,012	0,216	FALSE
0,152	0,274	0,005	0,011	0,181	FALSE
-0,016	0,283	-0,001	0,013	0,025	FALSE
-0,009	0,298	0,001	0,012	0,022	FALSE
-0,123	0,287	-0,005	0,013	0,152	FALSE
0,115	0,281	0,004	0,012	0,131	FALSE
-0,070	0,288	-0,004	0,018	0,081	FALSE
0,090	0,272	0,006	0,015	0,153	FALSE
-0,115	0,285	-0,006	0,015	0,174	FALSE
0,090	0,288	0,005	0,018	0,106	FALSE
0,053	0,285	0,002	0,011	0,053	FALSE
0,005	0,282	0,001	0,009	0,030	FALSE

-0,028	0,277	-0,002	0,017	0,054	FALSE
0,017	0,289	0,000	0,017	0,010	FALSE
-0,146	0,278	-0,006	0,011	0,247	FALSE
-0,075	0,286	-0,002	0,012	0,049	FALSE
0,248	0,266	0,012	0,015	0,372	FALSE
-0,053	0,283	-0,002	0,011	0,076	FALSE
0,022	0,288	0,002	0,010	0,087	FALSE
0,119	0,273	0,004	0,011	0,150	FALSE
0,035	0,285	0,002	0,011	0,057	FALSE
0,146	0,254	0,006	0,012	0,224	FALSE
0,149	0,295	0,005	0,012	0,189	FALSE
0,071	0,284	0,000	0,010	0,011	FALSE
-0,010	0,290	0,001	0,011	0,047	FALSE
-0,063	0,279	-0,004	0,016	0,086	FALSE
0,099	0,284	0,003	0,009	0,116	FALSE
0,097	0,281	0,003	0,017	0,070	FALSE
-0,009	0,273	-0,001	0,009	0,028	FALSE
-0,076	0,298	-0,001	0,010	0,049	FALSE
0,192	0,277	0,006	0,009	0,282	FALSE
0,001	0,298	0,000	0,011	0,010	FALSE
0,182	0,268	0,009	0,017	0,230	FALSE
0,046	0,280	0,002	0,011	0,065	FALSE
-0,159	0,280	-0,010	0,016	0,274	FALSE
-0,045	0,289	-0,002	0,013	0,050	FALSE
-0,178	0,266	-0,010	0,014	0,332	FALSE
-0,001	0,295	0,002	0,009	0,066	FALSE
-0,055	0,290	0,000	0,016	0,006	FALSE
-0,031	0,294	0,001	0,017	0,030	FALSE
-0,051	0,287	0,000	0,017	0,006	FALSE
-0,053	0,284	0,000	0,016	0,003	FALSE
-0,062	0,279	0,000	0,016	0,005	FALSE
-0,071	0,286	-0,001	0,017	0,022	FALSE
0,063	0,280	0,004	0,012	0,138	FALSE
0,100	0,293	0,007	0,017	0,158	FALSE
-0,141	0,279	-0,005	0,010	0,202	FALSE
-0,236	0,275	-0,012	0,016	0,323	FALSE
-0,118	0,284	-0,004	0,014	0,102	FALSE
0,129	0,287	0,006	0,013	0,201	FALSE
0,011	0,288	0,000	0,013	0,004	FALSE
0,053	0,279	0,001	0,010	0,051	FALSE
-0,047	0,287	0,000	0,009	0,012	FALSE
0,075	0,275	0,003	0,011	0,094	FALSE
0,151	0,281	0,005	0,010	0,178	FALSE
0,027	0,268	0,000	0,010	0,005	FALSE
0,202	0,285	0,009	0,015	0,274	FALSE
0,255	0,276	0,016	0,018	0,430	FALSE
0,100	0,282	0,005	0,014	0,148	FALSE
-0,083	0,286	-0,005	0,014	0,140	FALSE
0,161	0,292	0,010	0,017	0,263	FALSE
0,146	0,273	0,009	0,015	0,254	FALSE
-0,096	0,282	-0,006	0,018	0,135	FALSE
-0,030	0,274	-0,002	0,012	0,052	FALSE
-0,055	0,279	-0,002	0,012	0,074	FALSE

-0,037	0,281	-0,005	0,016	0,107	FALSE
-0,171	0,275	-0,007	0,015	0,179	FALSE
-0,165	0,303	-0,005	0,009	0,224	FALSE
-0,179	0,278	-0,005	0,008	0,261	FALSE
-0,036	0,291	-0,004	0,013	0,106	FALSE
-0,091	0,280	-0,004	0,012	0,129	FALSE
0,200	0,283	0,011	0,017	0,288	FALSE
-0,074	0,288	-0,003	0,013	0,099	FALSE
0,212	0,273	0,006	0,009	0,270	FALSE
-0,057	0,284	-0,003	0,011	0,089	FALSE
0,044	0,285	0,002	0,017	0,042	FALSE
0,050	0,292	0,002	0,011	0,090	FALSE
-0,041	0,282	-0,001	0,010	0,019	FALSE
0,159	0,282	0,007	0,012	0,264	FALSE
-0,287	0,263	-0,015	0,016	0,463	FALSE
-0,275	0,269	-0,014	0,016	0,444	FALSE
-0,157	0,280	-0,008	0,012	0,298	FALSE
0,065	0,292	0,001	0,014	0,033	FALSE
-0,071	0,284	-0,001	0,009	0,060	FALSE
0,286	0,273	0,009	0,009	0,479	FALSE
-0,205	0,282	-0,010	0,013	0,326	FALSE
-0,205	0,282	-0,009	0,013	0,318	FALSE
-0,190	0,293	-0,008	0,013	0,272	FALSE
-0,169	0,280	-0,007	0,013	0,243	FALSE
-0,069	0,276	-0,004	0,011	0,154	FALSE
-0,062	0,285	-0,004	0,011	0,138	FALSE
0,159	0,276	0,006	0,012	0,212	FALSE
-0,210	0,278	-0,010	0,015	0,291	FALSE
-0,102	0,273	-0,002	0,011	0,083	FALSE
0,141	0,270	0,012	0,017	0,334	FALSE
-0,050	0,293	-0,001	0,015	0,035	FALSE
-0,021	0,264	-0,002	0,017	0,051	FALSE
0,050	0,294	0,004	0,017	0,100	FALSE
-0,294	0,267	-0,013	0,012	0,558	FALSE
0,090	0,278	0,003	0,010	0,115	FALSE
0,134	0,287	0,007	0,012	0,250	FALSE
-0,039	0,287	-0,002	0,013	0,044	FALSE
-0,126	0,287	-0,006	0,016	0,152	FALSE
-0,106	0,294	-0,003	0,012	0,098	FALSE
0,031	0,264	0,002	0,018	0,046	FALSE
0,021	0,244	0,001	0,017	0,028	FALSE
0,027	0,294	0,000	0,013	0,000	FALSE
-0,027	0,284	0,000	0,012	0,006	FALSE
-0,137	0,296	-0,004	0,009	0,171	FALSE
0,005	0,276	-0,002	0,014	0,044	FALSE
-0,130	0,287	-0,002	0,011	0,086	FALSE
-0,083	0,276	-0,003	0,017	0,073	FALSE
0,059	0,282	0,000	0,009	0,014	FALSE
0,101	0,282	0,008	0,017	0,193	FALSE
0,121	0,270	0,003	0,008	0,122	FALSE
0,126	0,278	0,004	0,009	0,204	FALSE
-0,057	0,286	-0,004	0,015	0,090	FALSE
-0,090	0,297	-0,002	0,011	0,073	FALSE

0,136	0,275	0,003	0,009	0,123	FALSE
0,047	0,277	0,005	0,015	0,136	FALSE
0,074	0,292	0,003	0,010	0,129	FALSE
-0,141	0,273	-0,006	0,013	0,185	FALSE
0,174	0,263	0,003	0,009	0,167	FALSE
0,161	0,277	0,006	0,013	0,189	FALSE
-0,021	0,294	-0,001	0,013	0,025	FALSE
0,069	0,290	0,001	0,010	0,051	FALSE
0,081	0,280	0,002	0,009	0,094	FALSE
-0,058	0,281	-0,002	0,013	0,053	FALSE
0,097	0,284	0,008	0,016	0,195	FALSE
-0,183	0,300	-0,004	0,009	0,204	FALSE
0,041	0,279	0,002	0,014	0,055	FALSE
0,053	0,283	0,002	0,010	0,070	FALSE
-0,054	0,298	-0,001	0,013	0,040	FALSE
0,006	0,289	0,002	0,008	0,088	FALSE
0,073	0,287	0,004	0,016	0,105	FALSE
0,168	0,280	0,004	0,010	0,178	FALSE
0,201	0,279	0,005	0,009	0,246	FALSE
0,119	0,279	0,003	0,009	0,155	FALSE
-0,108	0,282	-0,007	0,016	0,173	FALSE
-0,135	0,284	-0,008	0,016	0,213	FALSE
-0,130	0,283	-0,008	0,016	0,213	FALSE
-0,107	0,282	-0,006	0,017	0,146	FALSE
-0,116	0,275	-0,007	0,015	0,181	FALSE
0,006	0,292	0,002	0,017	0,039	FALSE
-0,100	0,301	-0,003	0,012	0,086	FALSE
0,125	0,283	0,006	0,015	0,169	FALSE
-0,056	0,298	-0,002	0,011	0,071	FALSE
0,039	0,280	0,002	0,015	0,038	FALSE
0,036	0,283	0,001	0,015	0,026	FALSE
-0,029	0,279	0,000	0,015	0,005	FALSE
0,066	0,289	0,001	0,011	0,047	FALSE
0,002	0,286	0,001	0,010	0,040	FALSE
-0,021	0,286	-0,002	0,010	0,054	FALSE
0,046	0,284	0,001	0,012	0,035	FALSE
-0,088	0,273	-0,006	0,018	0,124	FALSE
0,147	0,274	0,008	0,015	0,221	FALSE
0,055	0,283	0,002	0,009	0,091	FALSE
0,098	0,282	0,002	0,010	0,081	FALSE
-0,087	0,285	-0,005	0,016	0,121	FALSE
-0,125	0,297	-0,006	0,017	0,142	FALSE
0,120	0,268	0,003	0,010	0,111	FALSE
0,057	0,290	0,002	0,014	0,046	FALSE
-0,241	0,284	-0,006	0,009	0,304	FALSE
0,052	0,293	0,002	0,012	0,072	FALSE
0,167	0,279	0,006	0,010	0,243	FALSE
0,069	0,279	0,000	0,017	0,003	FALSE
-0,092	0,288	-0,002	0,016	0,047	FALSE
-0,031	0,289	0,000	0,010	0,002	FALSE
-0,188	0,267	-0,010	0,012	0,368	FALSE
0,009	0,278	0,003	0,013	0,100	FALSE
0,047	0,277	0,001	0,010	0,052	FALSE

-0,189	0,278	-0,006	0,010	0,267	FALSE
0,124	0,287	0,005	0,016	0,126	FALSE
0,101	0,275	0,001	0,011	0,025	FALSE
-0,231	0,290	-0,007	0,009	0,337	FALSE
0,040	0,289	0,000	0,012	0,005	FALSE
-0,110	0,285	-0,004	0,016	0,101	FALSE
-0,072	0,292	-0,005	0,014	0,139	FALSE
0,266	0,271	0,012	0,014	0,400	FALSE
-0,036	0,287	-0,001	0,010	0,056	FALSE
-0,053	0,280	-0,002	0,010	0,070	FALSE
0,091	0,287	0,002	0,016	0,048	FALSE
0,003	0,287	0,001	0,010	0,018	FALSE
-0,154	0,287	-0,003	0,009	0,140	FALSE
-0,122	0,289	-0,003	0,009	0,147	FALSE
0,118	0,284	0,005	0,014	0,151	FALSE
0,117	0,288	0,005	0,013	0,172	FALSE
-0,243	0,271	-0,012	0,014	0,395	FALSE
0,076	0,283	0,002	0,009	0,067	FALSE
-0,045	0,284	-0,002	0,011	0,053	FALSE
-0,050	0,289	0,001	0,010	0,025	FALSE
-0,094	0,279	-0,003	0,012	0,089	FALSE
-0,018	0,262	0,001	0,011	0,022	FALSE
0,035	0,281	0,002	0,018	0,040	FALSE
0,077	0,290	0,003	0,013	0,088	FALSE
-0,007	0,266	0,000	0,016	0,001	FALSE
0,069	0,284	0,001	0,009	0,039	FALSE
-0,139	0,288	-0,005	0,012	0,161	FALSE
0,090	0,285	0,002	0,010	0,075	FALSE
-0,088	0,290	-0,003	0,011	0,101	FALSE
-0,194	0,269	-0,006	0,013	0,182	FALSE
-0,182	0,276	-0,007	0,016	0,180	FALSE
-0,218	0,271	-0,007	0,014	0,216	FALSE
-0,210	0,271	-0,007	0,014	0,217	FALSE
-0,244	0,266	-0,010	0,014	0,321	FALSE
-0,187	0,267	-0,008	0,017	0,205	FALSE
-0,159	0,279	-0,006	0,017	0,141	FALSE
-0,191	0,272	-0,009	0,016	0,221	FALSE
0,025	0,292	0,003	0,013	0,079	FALSE
-0,025	0,277	-0,001	0,017	0,010	FALSE
0,050	0,278	0,001	0,012	0,029	FALSE
0,068	0,288	0,002	0,011	0,059	FALSE
0,043	0,287	0,001	0,010	0,024	FALSE
0,071	0,284	0,003	0,011	0,083	FALSE
0,061	0,289	0,002	0,017	0,050	FALSE
0,072	0,295	0,002	0,016	0,047	FALSE
-0,070	0,287	-0,001	0,009	0,037	FALSE
-0,067	0,287	-0,005	0,016	0,115	FALSE
-0,022	0,284	-0,001	0,012	0,026	FALSE
0,104	0,275	0,003	0,015	0,068	FALSE
-0,090	0,288	-0,003	0,013	0,101	FALSE
0,062	0,266	0,004	0,012	0,125	FALSE
-0,076	0,284	-0,002	0,010	0,091	FALSE
-0,078	0,288	-0,002	0,012	0,076	FALSE

0,237	0,277	0,010	0,013	0,359	FALSE
0,068	0,275	0,004	0,012	0,125	FALSE
-0,110	0,280	-0,008	0,018	0,181	FALSE
0,067	0,272	0,000	0,011	0,012	FALSE
0,196	0,279	0,009	0,017	0,224	FALSE
-0,060	0,285	-0,004	0,015	0,094	FALSE
-0,046	0,291	-0,002	0,009	0,075	FALSE
-0,172	0,284	-0,005	0,011	0,198	FALSE
-0,024	0,286	0,000	0,015	0,005	FALSE
-0,011	0,297	0,001	0,016	0,014	FALSE
0,106	0,275	0,006	0,017	0,146	FALSE
-0,174	0,274	-0,005	0,012	0,168	FALSE
0,041	0,278	0,004	0,017	0,089	FALSE
0,190	0,274	0,011	0,017	0,276	FALSE
0,135	0,287	0,004	0,009	0,216	FALSE
0,187	0,280	0,006	0,012	0,212	FALSE
0,192	0,271	0,009	0,015	0,278	FALSE
-0,028	0,282	-0,001	0,011	0,028	FALSE
-0,051	0,289	-0,001	0,009	0,041	FALSE
0,004	0,299	0,000	0,009	0,007	FALSE
-0,111	0,275	-0,005	0,012	0,174	FALSE
0,083	0,275	0,002	0,009	0,073	FALSE
-0,049	0,292	0,000	0,010	0,003	FALSE
0,044	0,273	0,002	0,008	0,067	FALSE
0,007	0,286	0,001	0,013	0,016	FALSE
-0,134	0,271	-0,008	0,016	0,201	FALSE
-0,199	0,278	-0,008	0,012	0,299	FALSE
-0,017	0,282	-0,001	0,009	0,053	FALSE
-0,005	0,277	0,001	0,016	0,031	FALSE
0,064	0,289	0,003	0,011	0,108	FALSE
-0,232	0,255	-0,011	0,017	0,278	FALSE
-0,131	0,261	-0,004	0,014	0,121	FALSE
-0,185	0,284	-0,006	0,013	0,192	FALSE
0,016	0,295	0,001	0,017	0,022	FALSE
0,186	0,277	0,009	0,013	0,321	FALSE
0,021	0,292	-0,002	0,018	0,031	FALSE
0,160	0,272	0,004	0,008	0,192	FALSE
0,103	0,275	0,007	0,016	0,190	FALSE
0,224	0,279	0,008	0,009	0,400	FALSE
-0,128	0,261	-0,006	0,015	0,167	FALSE
-0,165	0,299	-0,004	0,012	0,155	FALSE
-0,037	0,289	-0,004	0,015	0,112	FALSE
-0,079	0,295	-0,001	0,009	0,054	FALSE
-0,031	0,294	-0,001	0,018	0,028	FALSE
-0,109	0,283	-0,003	0,011	0,121	FALSE
0,074	0,276	0,001	0,009	0,051	FALSE
-0,184	0,299	-0,005	0,009	0,233	FALSE
-0,053	0,287	-0,001	0,009	0,028	FALSE
-0,206	0,273	-0,011	0,018	0,271	FALSE
-0,184	0,277	-0,010	0,017	0,239	FALSE
0,093	0,277	0,002	0,010	0,090	FALSE
0,070	0,272	0,001	0,010	0,053	FALSE
0,051	0,290	0,004	0,011	0,138	FALSE

0,052	0,289	0,003	0,011	0,124	FALSE
0,112	0,295	0,008	0,016	0,226	FALSE
0,065	0,285	0,005	0,015	0,142	FALSE
-0,018	0,283	0,002	0,015	0,044	FALSE
-0,150	0,281	-0,006	0,011	0,225	FALSE
0,063	0,275	0,001	0,010	0,048	FALSE
-0,047	0,299	-0,001	0,010	0,047	FALSE
0,007	0,289	0,002	0,017	0,051	FALSE
-0,060	0,279	-0,003	0,016	0,067	FALSE
0,148	0,284	0,009	0,017	0,220	FALSE
-0,117	0,279	-0,005	0,012	0,174	FALSE
0,008	0,287	0,001	0,011	0,048	FALSE
0,040	0,252	0,001	0,009	0,035	FALSE
0,015	0,297	0,000	0,015	0,010	FALSE
0,057	0,271	0,003	0,010	0,099	FALSE
-0,063	0,275	-0,004	0,014	0,117	FALSE
-0,289	0,271	-0,011	0,012	0,434	FALSE
-0,037	0,281	0,000	0,014	0,002	FALSE
0,081	0,289	0,004	0,017	0,087	FALSE
0,017	0,281	0,000	0,010	0,001	FALSE
-0,118	0,280	-0,003	0,014	0,078	FALSE
-0,042	0,290	-0,002	0,009	0,065	FALSE
-0,121	0,285	-0,003	0,011	0,095	FALSE
-0,007	0,281	0,000	0,009	0,015	FALSE
-0,060	0,285	-0,002	0,018	0,040	FALSE
-0,030	0,283	-0,001	0,009	0,029	FALSE
-0,034	0,298	-0,001	0,011	0,043	FALSE
0,129	0,261	0,002	0,009	0,094	FALSE
0,048	0,283	0,003	0,012	0,092	FALSE
0,183	0,283	0,006	0,012	0,201	FALSE
-0,177	0,273	-0,011	0,016	0,313	FALSE
-0,146	0,277	-0,009	0,016	0,265	FALSE
-0,239	0,264	-0,008	0,012	0,327	FALSE
-0,177	0,277	-0,006	0,012	0,207	FALSE
0,149	0,278	0,009	0,016	0,246	FALSE
-0,327	0,247	-0,016	0,015	0,555	FALSE
-0,076	0,294	-0,002	0,009	0,068	FALSE
-0,070	0,270	-0,001	0,008	0,065	FALSE
-0,058	0,281	-0,001	0,009	0,038	FALSE
-0,086	0,293	-0,002	0,009	0,082	FALSE
-0,030	0,271	0,000	0,008	0,020	FALSE
0,273	0,268	0,009	0,008	0,506	FALSE
-0,178	0,292	-0,005	0,010	0,221	FALSE
-0,135	0,286	-0,004	0,009	0,197	FALSE
0,002	0,283	0,000	0,018	0,005	FALSE
-0,031	0,283	-0,001	0,013	0,018	FALSE
-0,001	0,283	-0,001	0,017	0,022	FALSE
-0,091	0,275	-0,005	0,015	0,142	FALSE
0,027	0,310	0,001	0,018	0,024	FALSE
-0,051	0,279	-0,001	0,013	0,026	FALSE
0,081	0,284	0,002	0,010	0,094	FALSE
-0,001	0,288	0,000	0,011	0,001	FALSE
0,071	0,288	0,003	0,016	0,064	FALSE

0,273	0,263	0,009	0,010	0,395	FALSE
-0,073	0,265	-0,002	0,016	0,050	FALSE
0,151	0,251	0,009	0,016	0,235	FALSE
-0,126	0,301	-0,003	0,010	0,130	FALSE
0,108	0,280	0,003	0,010	0,101	FALSE
-0,051	0,287	-0,003	0,010	0,109	FALSE
0,157	0,286	0,009	0,017	0,233	FALSE
0,130	0,293	0,008	0,017	0,195	FALSE
-0,092	0,291	-0,003	0,010	0,125	FALSE
0,113	0,285	0,004	0,009	0,155	FALSE
-0,089	0,281	-0,006	0,012	0,197	FALSE
0,090	0,288	0,003	0,009	0,148	FALSE
0,159	0,277	0,008	0,012	0,270	FALSE
0,048	0,290	0,003	0,016	0,071	FALSE
-0,015	0,274	-0,001	0,013	0,041	FALSE
0,145	0,274	0,004	0,011	0,140	FALSE
-0,064	0,284	-0,002	0,012	0,047	FALSE
-0,056	0,283	-0,002	0,009	0,092	FALSE
0,200	0,282	0,011	0,018	0,252	FALSE
-0,299	0,263	-0,013	0,013	0,534	TRUE
-0,224	0,270	-0,013	0,017	0,351	FALSE
-0,244	0,283	-0,014	0,017	0,392	FALSE
-0,060	0,277	-0,003	0,012	0,114	FALSE
-0,129	0,281	-0,003	0,009	0,153	FALSE
-0,027	0,286	-0,002	0,009	0,075	FALSE
-0,039	0,289	-0,003	0,016	0,062	FALSE
-0,042	0,274	-0,003	0,015	0,067	FALSE
-0,026	0,280	-0,002	0,016	0,045	FALSE
-0,018	0,283	-0,002	0,015	0,061	FALSE
0,034	0,286	-0,002	0,015	0,039	FALSE
-0,164	0,281	-0,008	0,012	0,276	FALSE
-0,211	0,260	-0,007	0,010	0,323	FALSE
-0,091	0,284	-0,003	0,010	0,145	FALSE
-0,019	0,285	-0,002	0,013	0,073	FALSE
-0,007	0,283	-0,002	0,013	0,062	FALSE
0,137	0,270	0,004	0,017	0,098	FALSE
0,141	0,281	0,005	0,016	0,119	FALSE
0,158	0,287	0,006	0,016	0,147	FALSE
-0,080	0,278	-0,003	0,012	0,105	FALSE
0,072	0,286	0,003	0,010	0,096	FALSE
0,221	0,269	0,005	0,008	0,259	FALSE
0,145	0,279	0,003	0,010	0,124	FALSE
-0,202	0,272	-0,007	0,011	0,270	FALSE
-0,159	0,272	-0,006	0,010	0,265	FALSE
0,008	0,288	0,000	0,010	0,003	FALSE
0,097	0,291	0,003	0,009	0,129	FALSE
0,028	0,284	0,004	0,017	0,080	FALSE
-0,180	0,279	-0,006	0,012	0,203	FALSE
0,094	0,275	0,002	0,009	0,082	FALSE
-0,084	0,283	-0,004	0,016	0,091	FALSE
0,123	0,274	0,004	0,011	0,139	FALSE
-0,091	0,267	-0,006	0,017	0,139	FALSE
-0,017	0,281	-0,001	0,009	0,031	FALSE

0,066	0,286	0,001	0,010	0,053	FALSE
-0,121	0,291	-0,004	0,014	0,123	FALSE
0,007	0,290	0,002	0,015	0,062	FALSE
-0,074	0,283	-0,001	0,013	0,023	FALSE
-0,050	0,271	0,000	0,013	0,006	FALSE
0,009	0,285	0,002	0,014	0,051	FALSE
0,136	0,278	0,005	0,012	0,162	FALSE
0,055	0,286	0,005	0,016	0,119	FALSE
0,028	0,277	0,001	0,017	0,028	FALSE
-0,197	0,281	-0,011	0,016	0,294	FALSE
0,014	0,278	0,001	0,017	0,022	FALSE
-0,120	0,280	-0,003	0,010	0,100	FALSE
0,021	0,265	0,001	0,017	0,027	FALSE
0,089	0,282	0,003	0,017	0,073	FALSE
0,064	0,270	0,003	0,017	0,064	FALSE
0,027	0,289	0,000	0,017	0,009	FALSE
-0,040	0,279	0,000	0,009	0,014	FALSE
-0,076	0,284	-0,005	0,012	0,174	FALSE
-0,110	0,293	-0,007	0,013	0,219	FALSE
0,054	0,276	0,002	0,011	0,083	FALSE
-0,107	0,293	-0,009	0,017	0,212	FALSE
0,014	0,292	0,001	0,010	0,017	FALSE
-0,040	0,286	-0,003	0,017	0,067	FALSE
0,035	0,277	0,003	0,015	0,064	FALSE
-0,094	0,287	-0,003	0,009	0,158	FALSE
-0,109	0,288	-0,003	0,009	0,151	FALSE
-0,116	0,273	-0,004	0,010	0,165	FALSE
-0,036	0,275	0,001	0,009	0,035	FALSE
0,147	0,287	0,006	0,010	0,231	FALSE
0,090	0,277	0,002	0,011	0,088	FALSE
0,052	0,296	0,000	0,018	0,003	FALSE
-0,049	0,284	-0,001	0,010	0,045	FALSE
-0,023	0,285	-0,001	0,009	0,042	FALSE
-0,008	0,280	0,000	0,009	0,003	FALSE
-0,060	0,280	-0,004	0,017	0,082	FALSE
-0,085	0,288	-0,005	0,012	0,151	FALSE
0,137	0,284	0,004	0,011	0,133	FALSE
0,088	0,287	0,004	0,013	0,102	FALSE
-0,080	0,277	-0,006	0,016	0,157	FALSE
0,058	0,270	0,003	0,016	0,064	FALSE
0,165	0,281	0,004	0,009	0,170	FALSE
0,001	0,294	-0,001	0,009	0,043	FALSE
0,018	0,295	0,000	0,012	0,005	FALSE
0,100	0,286	0,002	0,011	0,052	FALSE
0,042	0,274	0,000	0,013	0,012	FALSE
-0,218	0,271	-0,011	0,014	0,339	FALSE
0,012	0,285	0,001	0,009	0,043	FALSE
0,053	0,293	0,007	0,017	0,164	FALSE
0,221	0,282	0,009	0,015	0,270	FALSE
0,059	0,279	0,002	0,011	0,065	FALSE
0,115	0,269	0,003	0,010	0,135	FALSE
0,144	0,264	0,005	0,010	0,194	FALSE
-0,136	0,283	-0,005	0,011	0,174	FALSE

0,145	0,268	0,004	0,010	0,145	FALSE
0,173	0,277	0,006	0,010	0,268	FALSE
-0,030	0,299	-0,001	0,013	0,032	FALSE
-0,084	0,290	-0,005	0,016	0,113	FALSE
-0,093	0,289	-0,006	0,017	0,140	FALSE
0,100	0,277	0,005	0,015	0,123	FALSE
-0,038	0,277	0,001	0,013	0,015	FALSE
-0,037	0,283	0,000	0,010	0,010	FALSE
0,069	0,291	0,003	0,018	0,066	FALSE
0,223	0,277	0,007	0,010	0,329	FALSE
-0,056	0,292	-0,003	0,014	0,076	FALSE
0,041	0,290	0,002	0,012	0,058	FALSE
0,094	0,288	0,005	0,013	0,160	FALSE
-0,207	0,262	-0,014	0,018	0,372	FALSE
0,177	0,262	0,011	0,017	0,296	FALSE
0,162	0,273	0,007	0,013	0,248	FALSE
0,014	0,286	0,001	0,009	0,029	FALSE
-0,091	0,278	-0,002	0,010	0,091	FALSE
0,033	0,293	0,002	0,016	0,034	FALSE
-0,064	0,278	-0,001	0,010	0,044	FALSE
-0,167	0,294	-0,006	0,011	0,241	FALSE
0,113	0,284	0,004	0,009	0,156	FALSE
-0,064	0,289	-0,001	0,010	0,045	FALSE
0,091	0,298	0,003	0,017	0,074	FALSE
0,101	0,285	0,004	0,017	0,100	FALSE
0,079	0,277	0,004	0,016	0,084	FALSE
0,035	0,301	0,001	0,014	0,037	FALSE
0,226	0,280	0,009	0,010	0,385	FALSE
0,067	0,275	0,002	0,009	0,101	FALSE
0,008	0,287	-0,001	0,009	0,041	FALSE
0,071	0,269	0,002	0,013	0,073	FALSE
0,153	0,290	0,007	0,017	0,170	FALSE
0,106	0,255	0,009	0,017	0,225	FALSE
0,063	0,281	0,002	0,012	0,063	FALSE
-0,105	0,277	-0,006	0,016	0,136	FALSE
0,081	0,288	0,003	0,012	0,086	FALSE
-0,196	0,271	-0,011	0,016	0,297	FALSE
0,042	0,282	0,001	0,009	0,055	FALSE
-0,076	0,278	-0,003	0,009	0,125	FALSE
0,008	0,268	0,000	0,011	0,007	FALSE
-0,049	0,283	-0,001	0,011	0,027	FALSE
0,003	0,308	0,001	0,011	0,045	FALSE
-0,013	0,300	0,000	0,018	0,008	FALSE
0,071	0,290	0,005	0,012	0,154	FALSE
-0,070	0,279	-0,003	0,014	0,074	FALSE
-0,114	0,286	-0,003	0,011	0,117	FALSE
-0,022	0,298	-0,002	0,017	0,053	FALSE
0,003	0,293	-0,001	0,017	0,019	FALSE
-0,015	0,285	-0,002	0,017	0,039	FALSE
-0,152	0,281	-0,007	0,013	0,213	FALSE
0,052	0,299	0,003	0,018	0,064	FALSE
0,208	0,277	0,010	0,015	0,311	FALSE
0,021	0,269	0,001	0,010	0,036	FALSE

0,040	0,266	0,000	0,009	0,011	FALSE
-0,025	0,275	0,001	0,016	0,032	FALSE
-0,013	0,304	0,001	0,009	0,040	FALSE
0,136	0,272	0,007	0,016	0,171	FALSE
-0,017	0,289	0,000	0,013	0,002	FALSE
0,032	0,295	0,001	0,009	0,046	FALSE
0,009	0,276	0,001	0,012	0,019	FALSE
-0,163	0,286	-0,008	0,017	0,181	FALSE
0,092	0,285	0,003	0,011	0,107	FALSE
-0,185	0,276	-0,007	0,010	0,327	FALSE
-0,118	0,278	-0,003	0,010	0,128	FALSE
0,100	0,277	0,004	0,013	0,118	FALSE
0,048	0,266	0,000	0,010	0,014	FALSE
0,061	0,288	0,003	0,017	0,059	FALSE
0,049	0,289	0,003	0,017	0,058	FALSE
-0,040	0,259	-0,001	0,011	0,026	FALSE
-0,006	0,267	0,000	0,009	0,014	FALSE
0,008	0,292	0,001	0,011	0,042	FALSE
0,036	0,285	0,003	0,017	0,055	FALSE
0,049	0,280	0,003	0,017	0,072	FALSE
-0,157	0,289	-0,006	0,013	0,185	FALSE
-0,003	0,287	-0,002	0,012	0,052	FALSE
-0,075	0,279	-0,002	0,010	0,065	FALSE
-0,169	0,273	-0,010	0,018	0,232	FALSE
0,029	0,302	0,001	0,017	0,016	FALSE
0,002	0,293	0,002	0,018	0,046	FALSE
0,004	0,282	0,000	0,013	0,004	FALSE
-0,041	0,275	0,000	0,009	0,006	FALSE
-0,016	0,282	-0,001	0,016	0,021	FALSE
-0,132	0,285	-0,004	0,014	0,119	FALSE
-0,091	0,295	-0,003	0,011	0,117	FALSE
-0,071	0,276	-0,003	0,011	0,117	FALSE
0,033	0,282	-0,001	0,009	0,056	FALSE
-0,018	0,295	0,001	0,013	0,027	FALSE
-0,006	0,291	0,001	0,012	0,028	FALSE
0,086	0,281	0,003	0,009	0,119	FALSE
-0,046	0,283	-0,001	0,013	0,014	FALSE
-0,069	0,289	-0,001	0,012	0,033	FALSE
-0,036	0,294	0,000	0,013	0,010	FALSE
-0,026	0,288	0,000	0,013	0,008	FALSE
0,112	0,273	0,002	0,010	0,079	FALSE
-0,096	0,275	-0,005	0,017	0,107	FALSE
0,056	0,285	0,001	0,013	0,031	FALSE
0,088	0,273	0,003	0,010	0,117	FALSE
-0,055	0,290	-0,001	0,013	0,027	FALSE
-0,056	0,276	-0,001	0,012	0,029	FALSE
-0,051	0,285	-0,001	0,013	0,014	FALSE
-0,062	0,280	-0,002	0,016	0,050	FALSE
0,101	0,288	0,003	0,016	0,060	FALSE
-0,111	0,290	-0,002	0,012	0,076	FALSE
-0,070	0,268	-0,004	0,015	0,092	FALSE
-0,116	0,281	-0,003	0,012	0,091	FALSE
-0,122	0,275	-0,003	0,012	0,087	FALSE

-0,049	0,282	0,000	0,012	0,011	FALSE
0,030	0,282	0,001	0,014	0,031	FALSE
-0,053	0,287	-0,001	0,016	0,021	FALSE
-0,095	0,287	-0,005	0,013	0,144	FALSE
-0,126	0,289	-0,004	0,008	0,185	FALSE
-0,050	0,293	-0,001	0,013	0,023	FALSE
-0,012	0,300	0,000	0,011	0,008	FALSE
-0,120	0,282	-0,003	0,009	0,151	FALSE
-0,124	0,276	-0,004	0,009	0,177	FALSE
-0,119	0,263	-0,004	0,008	0,211	FALSE
0,035	0,281	0,002	0,010	0,069	FALSE
-0,049	0,264	-0,002	0,016	0,047	FALSE
-0,073	0,272	-0,004	0,017	0,080	FALSE
-0,060	0,289	-0,003	0,013	0,081	FALSE
-0,111	0,268	-0,005	0,011	0,192	FALSE
-0,015	0,268	-0,002	0,015	0,045	FALSE
-0,029	0,292	-0,002	0,011	0,060	FALSE
-0,082	0,280	-0,003	0,010	0,099	FALSE
-0,080	0,285	-0,002	0,011	0,076	FALSE
-0,086	0,289	-0,003	0,012	0,093	FALSE
-0,078	0,297	-0,003	0,011	0,093	FALSE
-0,097	0,292	-0,002	0,009	0,068	FALSE
0,032	0,292	0,001	0,016	0,031	FALSE
0,033	0,291	0,001	0,009	0,046	FALSE
0,129	0,300	0,008	0,017	0,194	FALSE
0,175	0,281	0,005	0,009	0,268	FALSE
0,227	0,270	0,008	0,009	0,423	FALSE
0,012	0,292	0,001	0,010	0,039	FALSE
0,105	0,276	0,004	0,010	0,148	FALSE
-0,070	0,275	-0,001	0,011	0,016	FALSE
0,166	0,275	0,009	0,017	0,224	FALSE
0,000	0,278	0,002	0,012	0,065	FALSE
0,063	0,288	0,003	0,017	0,064	FALSE
0,080	0,284	0,004	0,017	0,095	FALSE
0,027	0,294	0,001	0,009	0,062	FALSE
-0,103	0,285	-0,009	0,018	0,201	FALSE
0,027	0,289	0,002	0,016	0,046	FALSE
0,055	0,277	0,003	0,008	0,129	FALSE
0,141	0,270	0,007	0,014	0,214	FALSE
0,254	0,269	0,010	0,012	0,375	FALSE
-0,108	0,287	-0,003	0,013	0,096	FALSE
0,090	0,285	0,005	0,016	0,127	FALSE
0,166	0,274	0,006	0,009	0,283	FALSE
-0,138	0,288	-0,007	0,017	0,186	FALSE
0,040	0,284	0,001	0,013	0,018	FALSE
-0,151	0,264	-0,008	0,017	0,194	FALSE
-0,059	0,272	-0,002	0,017	0,045	FALSE
0,006	0,274	-0,001	0,010	0,045	FALSE
0,003	0,285	0,001	0,010	0,022	FALSE
-0,141	0,281	-0,005	0,015	0,115	FALSE
-0,019	0,290	-0,001	0,011	0,018	FALSE
-0,030	0,276	-0,001	0,015	0,029	FALSE
0,122	0,285	0,003	0,009	0,147	FALSE

0,089	0,287	0,006	0,015	0,165	FALSE
-0,031	0,284	-0,004	0,017	0,097	FALSE
-0,019	0,286	-0,002	0,016	0,054	FALSE
-0,023	0,299	0,001	0,010	0,037	FALSE
-0,020	0,296	-0,002	0,016	0,046	FALSE
0,025	0,288	0,002	0,016	0,041	FALSE
-0,071	0,290	-0,004	0,018	0,079	FALSE
0,082	0,274	0,003	0,012	0,101	FALSE
0,042	0,283	0,001	0,017	0,030	FALSE
-0,098	0,280	-0,006	0,014	0,170	FALSE
0,123	0,273	0,003	0,015	0,075	FALSE
0,067	0,291	0,003	0,009	0,136	FALSE
-0,131	0,281	-0,004	0,009	0,173	FALSE
0,033	0,288	0,002	0,013	0,068	FALSE
-0,105	0,271	-0,005	0,017	0,116	FALSE
-0,047	0,276	-0,002	0,008	0,105	FALSE
-0,168	0,261	-0,009	0,017	0,231	FALSE
0,081	0,293	0,005	0,013	0,143	FALSE
-0,008	0,295	-0,001	0,015	0,021	FALSE
-0,067	0,281	-0,002	0,008	0,088	FALSE
-0,023	0,298	-0,001	0,012	0,026	FALSE
0,065	0,281	0,003	0,014	0,097	FALSE
0,091	0,292	0,003	0,014	0,072	FALSE
0,161	0,278	0,007	0,012	0,248	FALSE
-0,091	0,308	-0,002	0,009	0,088	FALSE
-0,008	0,281	0,000	0,012	0,002	FALSE
-0,137	0,302	-0,008	0,017	0,196	FALSE
0,079	0,285	0,002	0,011	0,076	FALSE
0,043	0,306	0,002	0,016	0,059	FALSE
-0,098	0,283	-0,004	0,015	0,098	FALSE
-0,014	0,284	0,000	0,014	0,000	FALSE
0,146	0,281	0,005	0,011	0,172	FALSE
-0,125	0,284	-0,003	0,010	0,133	FALSE
0,109	0,264	0,008	0,016	0,215	FALSE
0,134	0,271	0,009	0,017	0,227	FALSE
-0,014	0,286	-0,003	0,017	0,064	FALSE
-0,155	0,278	-0,004	0,012	0,147	FALSE
0,252	0,263	0,008	0,011	0,343	FALSE
-0,087	0,286	-0,005	0,015	0,145	FALSE
0,001	0,292	-0,001	0,016	0,031	FALSE
0,174	0,297	0,007	0,012	0,248	FALSE
0,084	0,295	0,004	0,017	0,094	FALSE
0,045	0,265	-0,001	0,016	0,029	FALSE
0,054	0,271	0,002	0,011	0,076	FALSE
0,218	0,286	0,008	0,013	0,267	FALSE
0,181	0,272	0,009	0,013	0,288	FALSE
-0,139	0,288	-0,006	0,013	0,186	FALSE
0,074	0,281	0,003	0,010	0,109	FALSE
0,096	0,295	0,003	0,010	0,131	FALSE
0,100	0,290	0,004	0,010	0,152	FALSE
0,210	0,276	0,009	0,011	0,361	FALSE
0,099	0,296	0,004	0,009	0,152	FALSE
-0,168	0,275	-0,011	0,017	0,275	FALSE

0,092	0,275	0,006	0,016	0,155	FALSE
-0,053	0,280	0,000	0,015	0,006	FALSE
-0,083	0,269	-0,001	0,014	0,040	FALSE
-0,004	0,281	0,000	0,015	0,006	FALSE
0,157	0,263	0,004	0,009	0,168	FALSE
0,022	0,278	0,002	0,017	0,050	FALSE
0,019	0,277	0,002	0,017	0,033	FALSE
0,023	0,274	0,000	0,011	0,008	FALSE
-0,052	0,286	-0,002	0,016	0,040	FALSE
-0,122	0,273	-0,007	0,016	0,186	FALSE
0,014	0,293	0,001	0,016	0,021	FALSE
-0,105	0,286	-0,005	0,013	0,154	FALSE
-0,005	0,289	0,000	0,011	0,000	FALSE
-0,036	0,289	-0,001	0,010	0,034	FALSE
-0,174	0,286	-0,008	0,012	0,316	FALSE
-0,036	0,280	0,000	0,016	0,000	FALSE
-0,004	0,296	0,001	0,016	0,018	FALSE
0,019	0,282	0,003	0,014	0,091	FALSE
0,005	0,279	-0,001	0,013	0,016	FALSE
-0,021	0,292	-0,002	0,015	0,044	FALSE
-0,075	0,272	-0,003	0,011	0,122	FALSE
0,308	0,248	0,017	0,016	0,555	FALSE
0,057	0,283	0,003	0,017	0,064	FALSE
0,013	0,269	0,000	0,012	0,008	FALSE
0,205	0,263	0,008	0,014	0,257	FALSE
0,013	0,285	0,001	0,009	0,037	FALSE
-0,105	0,273	-0,004	0,015	0,111	FALSE
0,054	0,279	0,001	0,011	0,032	FALSE
0,188	0,265	0,006	0,010	0,258	FALSE
-0,015	0,287	0,000	0,018	0,001	FALSE
-0,140	0,291	-0,005	0,011	0,208	FALSE
-0,073	0,275	-0,004	0,011	0,126	FALSE
-0,041	0,292	-0,004	0,018	0,083	FALSE
-0,023	0,290	-0,002	0,018	0,038	FALSE
0,032	0,290	0,002	0,011	0,078	FALSE
-0,012	0,275	-0,001	0,014	0,031	FALSE
-0,121	0,294	-0,004	0,010	0,175	FALSE
0,065	0,270	0,003	0,011	0,111	FALSE
-0,061	0,289	-0,004	0,015	0,100	FALSE
-0,011	0,288	-0,002	0,018	0,034	FALSE
-0,109	0,284	-0,004	0,012	0,146	FALSE
-0,148	0,269	-0,004	0,011	0,152	FALSE
-0,017	0,284	-0,002	0,010	0,058	FALSE
-0,149	0,288	-0,004	0,010	0,153	FALSE
-0,062	0,275	-0,002	0,015	0,043	FALSE
-0,090	0,283	-0,003	0,010	0,097	FALSE
-0,197	0,297	-0,005	0,010	0,238	FALSE
0,052	0,290	0,004	0,018	0,078	FALSE
-0,083	0,264	-0,002	0,008	0,116	FALSE
-0,037	0,305	-0,003	0,016	0,067	FALSE
0,034	0,291	0,004	0,017	0,091	FALSE
-0,115	0,287	-0,003	0,009	0,125	FALSE
0,068	0,272	0,002	0,013	0,069	FALSE

-0,157	0,287	-0,004	0,011	0,132	FALSE
-0,164	0,273	-0,004	0,010	0,153	FALSE
0,083	0,271	0,002	0,012	0,057	FALSE
0,008	0,292	0,001	0,009	0,053	FALSE
0,112	0,279	0,002	0,011	0,071	FALSE
0,072	0,284	0,002	0,009	0,089	FALSE
0,103	0,271	0,003	0,009	0,123	FALSE
0,116	0,293	0,003	0,010	0,125	FALSE
0,075	0,276	0,003	0,009	0,140	FALSE
0,078	0,282	0,003	0,009	0,151	FALSE
0,030	0,289	0,004	0,015	0,095	FALSE
-0,039	0,293	-0,001	0,013	0,014	FALSE
0,091	0,281	0,002	0,019	0,044	FALSE
-0,032	0,299	-0,002	0,017	0,034	FALSE
-0,048	0,284	-0,004	0,016	0,085	FALSE
-0,091	0,294	-0,004	0,016	0,103	FALSE
0,025	0,277	0,002	0,012	0,062	FALSE
0,065	0,293	0,005	0,015	0,123	FALSE
-0,044	0,292	-0,003	0,013	0,070	FALSE
0,080	0,271	0,005	0,014	0,132	FALSE
-0,132	0,281	-0,004	0,009	0,179	FALSE
-0,109	0,288	-0,003	0,012	0,105	FALSE
0,024	0,279	0,003	0,017	0,068	FALSE
0,035	0,278	-0,001	0,017	0,015	FALSE
0,124	0,277	0,005	0,017	0,110	FALSE
0,153	0,286	0,003	0,010	0,142	FALSE
0,029	0,287	0,004	0,018	0,086	FALSE
0,001	0,293	0,000	0,010	0,011	FALSE
0,194	0,261	0,006	0,011	0,246	FALSE
-0,200	0,293	-0,007	0,010	0,307	FALSE
0,028	0,273	0,001	0,009	0,044	FALSE
0,090	0,291	0,004	0,012	0,122	FALSE
0,058	0,285	0,002	0,012	0,075	FALSE
-0,084	0,284	-0,001	0,010	0,033	FALSE
0,127	0,283	0,005	0,013	0,170	FALSE
0,000	0,293	0,000	0,013	0,005	FALSE
-0,011	0,289	-0,001	0,012	0,016	FALSE
0,017	0,293	0,001	0,010	0,026	FALSE
-0,057	0,281	-0,002	0,013	0,059	FALSE
0,077	0,277	0,006	0,014	0,185	FALSE
0,143	0,278	0,006	0,012	0,210	FALSE
0,038	0,285	0,000	0,016	0,006	FALSE
0,117	0,281	0,004	0,011	0,148	FALSE
-0,051	0,291	-0,002	0,011	0,056	FALSE
0,001	0,273	0,000	0,010	0,001	FALSE
-0,002	0,288	0,000	0,010	0,010	FALSE
-0,140	0,290	-0,008	0,016	0,220	FALSE
-0,027	0,274	-0,001	0,008	0,054	FALSE
0,100	0,281	0,006	0,017	0,134	FALSE
-0,127	0,270	-0,007	0,013	0,241	FALSE
0,264	0,261	0,008	0,011	0,367	FALSE
-0,044	0,278	-0,003	0,016	0,070	FALSE
-0,036	0,297	-0,001	0,009	0,046	FALSE

-0,087	0,290	-0,003	0,011	0,089	FALSE
-0,144	0,278	-0,007	0,015	0,198	FALSE
-0,095	0,284	-0,001	0,012	0,030	FALSE
0,046	0,282	0,001	0,010	0,021	FALSE
-0,068	0,289	-0,001	0,009	0,027	FALSE
0,065	0,275	0,002	0,010	0,080	FALSE
0,017	0,282	0,001	0,011	0,039	FALSE
0,065	0,281	0,003	0,010	0,107	FALSE
-0,102	0,289	-0,003	0,009	0,116	FALSE
-0,096	0,301	-0,002	0,009	0,062	FALSE
0,053	0,285	0,001	0,016	0,016	FALSE
0,158	0,273	0,004	0,009	0,200	FALSE
0,276	0,270	0,013	0,016	0,362	FALSE
-0,108	0,298	-0,001	0,009	0,054	FALSE
-0,138	0,278	-0,006	0,017	0,148	FALSE
0,019	0,282	0,000	0,012	0,015	FALSE
-0,066	0,271	-0,003	0,010	0,112	FALSE
-0,235	0,270	-0,013	0,018	0,324	FALSE
0,108	0,281	0,003	0,010	0,099	FALSE
0,000	0,284	-0,001	0,016	0,021	FALSE
0,008	0,277	-0,001	0,009	0,033	FALSE
-0,119	0,275	-0,004	0,011	0,153	FALSE
-0,061	0,304	-0,003	0,010	0,121	FALSE
-0,063	0,280	-0,006	0,016	0,146	FALSE
-0,119	0,294	-0,007	0,018	0,147	FALSE
0,041	0,283	0,003	0,017	0,057	FALSE
-0,022	0,280	-0,004	0,015	0,091	FALSE
0,028	0,302	0,001	0,018	0,029	FALSE
-0,033	0,294	-0,003	0,017	0,070	FALSE
0,078	0,286	0,004	0,017	0,095	FALSE
0,074	0,293	0,005	0,017	0,110	FALSE
-0,009	0,303	-0,001	0,018	0,010	FALSE
0,013	0,306	0,001	0,018	0,015	FALSE
-0,011	0,304	0,000	0,018	0,006	FALSE
0,016	0,295	0,001	0,018	0,025	FALSE
-0,011	0,306	-0,001	0,017	0,015	FALSE
-0,086	0,289	-0,005	0,017	0,122	FALSE
0,044	0,297	0,003	0,018	0,053	FALSE
-0,012	0,281	-0,004	0,017	0,088	FALSE
0,075	0,279	0,001	0,012	0,043	FALSE
0,085	0,290	0,002	0,011	0,074	FALSE
-0,016	0,282	0,000	0,008	0,011	FALSE
0,202	0,276	0,009	0,014	0,272	FALSE
-0,030	0,288	0,000	0,012	0,013	FALSE
-0,084	0,296	-0,003	0,011	0,095	FALSE
0,061	0,279	0,002	0,016	0,053	FALSE
0,014	0,301	0,001	0,018	0,016	FALSE
-0,022	0,284	0,001	0,009	0,023	FALSE
-0,141	0,280	-0,004	0,015	0,118	FALSE
0,034	0,294	0,002	0,014	0,041	FALSE
-0,014	0,281	0,001	0,011	0,026	FALSE
-0,076	0,274	-0,003	0,008	0,126	FALSE
-0,054	0,274	-0,002	0,017	0,047	FALSE

0,031	0,277	0,000	0,017	0,008	FALSE
-0,152	0,280	-0,004	0,009	0,181	FALSE
0,019	0,272	0,001	0,014	0,034	FALSE
-0,093	0,285	-0,003	0,016	0,083	FALSE
-0,082	0,269	-0,004	0,015	0,102	FALSE
-0,041	0,283	0,000	0,016	0,005	FALSE
0,024	0,283	0,000	0,011	0,011	FALSE
0,058	0,296	0,003	0,013	0,072	FALSE
-0,036	0,287	-0,001	0,009	0,056	FALSE
-0,014	0,288	0,001	0,016	0,021	FALSE
-0,059	0,278	-0,002	0,018	0,037	FALSE
-0,062	0,284	-0,001	0,014	0,021	FALSE
0,027	0,272	0,000	0,010	0,012	FALSE
-0,042	0,282	-0,004	0,016	0,097	FALSE
0,041	0,279	0,001	0,016	0,029	FALSE
0,036	0,280	0,001	0,016	0,015	FALSE
-0,066	0,278	-0,002	0,010	0,074	FALSE
0,091	0,287	0,004	0,017	0,086	FALSE
0,042	0,266	-0,001	0,012	0,031	FALSE
0,064	0,277	0,002	0,011	0,075	FALSE
0,012	0,282	-0,002	0,015	0,053	FALSE
0,337	0,252	0,009	0,009	0,544	FALSE
0,153	0,275	0,007	0,013	0,237	FALSE
-0,069	0,283	-0,001	0,010	0,024	FALSE
0,117	0,283	0,004	0,017	0,088	FALSE
0,137	0,282	0,006	0,016	0,134	FALSE
0,066	0,288	0,000	0,018	0,006	FALSE
0,062	0,284	0,000	0,017	0,007	FALSE
-0,075	0,276	-0,004	0,013	0,133	FALSE
0,213	0,270	0,007	0,011	0,264	FALSE
-0,040	0,276	-0,001	0,014	0,036	FALSE
-0,018	0,296	-0,001	0,010	0,019	FALSE
-0,026	0,285	-0,002	0,017	0,039	FALSE
0,039	0,294	0,001	0,015	0,034	FALSE
0,024	0,291	0,003	0,015	0,077	FALSE
0,124	0,275	0,003	0,011	0,102	FALSE
0,086	0,276	0,002	0,014	0,063	FALSE
-0,026	0,296	0,000	0,014	0,012	FALSE
-0,024	0,288	0,000	0,009	0,016	FALSE
0,209	0,285	0,012	0,016	0,344	FALSE
0,131	0,298	0,009	0,018	0,207	FALSE
-0,267	0,263	-0,014	0,016	0,447	FALSE
-0,111	0,286	-0,003	0,010	0,101	FALSE
-0,068	0,296	-0,002	0,013	0,045	FALSE
-0,067	0,282	-0,003	0,013	0,089	FALSE
-0,074	0,285	-0,003	0,014	0,081	FALSE
-0,073	0,279	-0,003	0,014	0,081	FALSE
-0,035	0,280	-0,001	0,013	0,021	FALSE
-0,185	0,274	-0,009	0,015	0,245	FALSE
0,190	0,278	0,008	0,014	0,254	FALSE
0,119	0,285	0,005	0,009	0,212	FALSE
0,053	0,273	0,002	0,017	0,050	FALSE
-0,010	0,292	0,001	0,009	0,022	FALSE

0,177	0,266	0,005	0,010	0,222	FALSE
0,024	0,285	0,000	0,009	0,001	FALSE
0,057	0,278	0,002	0,010	0,088	FALSE
0,214	0,289	0,010	0,018	0,240	FALSE
0,136	0,291	0,006	0,013	0,182	FALSE
-0,018	0,298	-0,001	0,011	0,025	FALSE
0,063	0,283	0,002	0,016	0,058	FALSE
-0,074	0,289	-0,004	0,017	0,087	FALSE
-0,130	0,269	-0,004	0,011	0,155	FALSE
0,079	0,292	0,002	0,013	0,072	FALSE
-0,002	0,297	0,002	0,010	0,063	FALSE
-0,096	0,269	-0,004	0,013	0,116	FALSE
0,158	0,260	0,005	0,013	0,163	FALSE
-0,064	0,293	-0,002	0,011	0,075	FALSE
0,070	0,277	0,003	0,018	0,063	FALSE
0,126	0,284	0,004	0,015	0,104	FALSE
0,135	0,285	0,005	0,014	0,125	FALSE
-0,081	0,277	-0,003	0,013	0,085	FALSE
0,003	0,287	0,001	0,010	0,052	FALSE
0,073	0,276	0,002	0,016	0,041	FALSE
-0,077	0,293	-0,002	0,012	0,075	FALSE
0,028	0,286	0,000	0,009	0,002	FALSE
0,095	0,291	0,005	0,018	0,100	FALSE
0,143	0,280	0,008	0,017	0,190	FALSE
-0,174	0,269	-0,007	0,011	0,292	FALSE
0,035	0,296	0,002	0,010	0,071	FALSE
0,064	0,278	0,005	0,016	0,131	FALSE
-0,116	0,288	-0,005	0,016	0,108	FALSE
-0,014	0,294	-0,002	0,016	0,059	FALSE
0,064	0,284	0,000	0,015	0,007	FALSE
0,034	0,279	0,000	0,012	0,000	FALSE
0,023	0,287	0,002	0,008	0,082	FALSE
0,076	0,288	0,001	0,009	0,049	FALSE
-0,037	0,289	0,000	0,016	0,009	FALSE
-0,159	0,279	-0,008	0,017	0,204	FALSE
-0,055	0,273	-0,001	0,008	0,031	FALSE
0,049	0,287	0,002	0,016	0,035	FALSE
0,026	0,291	-0,001	0,014	0,034	FALSE
0,052	0,282	0,003	0,013	0,081	FALSE
0,156	0,281	0,004	0,009	0,179	FALSE
0,011	0,286	-0,003	0,017	0,060	FALSE
0,028	0,288	0,002	0,013	0,059	FALSE
0,071	0,294	0,001	0,016	0,031	FALSE
-0,204	0,265	-0,011	0,016	0,309	FALSE
-0,074	0,278	-0,003	0,015	0,089	FALSE
0,101	0,285	0,005	0,016	0,133	FALSE
-0,091	0,293	-0,005	0,012	0,151	FALSE
-0,102	0,295	-0,007	0,018	0,151	FALSE
-0,039	0,278	-0,001	0,010	0,023	FALSE
-0,100	0,286	-0,007	0,018	0,156	FALSE
-0,095	0,303	-0,007	0,018	0,148	FALSE
-0,002	0,285	0,000	0,012	0,001	FALSE
-0,031	0,285	-0,001	0,013	0,029	FALSE

-0,136	0,292	-0,003	0,010	0,134	FALSE
-0,098	0,278	-0,006	0,018	0,127	FALSE
0,060	0,286	0,003	0,015	0,069	FALSE
-0,074	0,272	-0,003	0,013	0,078	FALSE
0,022	0,287	0,000	0,017	0,001	FALSE
-0,026	0,269	-0,002	0,014	0,056	FALSE
-0,044	0,270	0,001	0,015	0,012	FALSE
-0,007	0,263	0,001	0,013	0,030	FALSE
-0,049	0,288	0,000	0,010	0,012	FALSE
0,018	0,278	0,001	0,014	0,017	FALSE
0,020	0,286	0,001	0,011	0,025	FALSE
-0,115	0,279	-0,006	0,013	0,210	FALSE
0,091	0,273	0,002	0,009	0,091	FALSE
0,036	0,301	0,000	0,015	0,000	FALSE
-0,074	0,301	-0,002	0,012	0,070	FALSE
-0,046	0,295	-0,001	0,013	0,034	FALSE
-0,137	0,289	-0,004	0,015	0,101	FALSE
0,104	0,269	0,003	0,009	0,110	FALSE
0,157	0,288	0,007	0,015	0,211	FALSE
-0,128	0,272	-0,007	0,013	0,230	FALSE
-0,092	0,276	-0,004	0,011	0,130	FALSE
-0,034	0,270	-0,002	0,011	0,078	FALSE
-0,053	0,279	-0,002	0,012	0,050	FALSE
0,042	0,282	0,000	0,009	0,014	FALSE
0,125	0,264	0,003	0,009	0,121	FALSE
0,039	0,273	0,001	0,016	0,030	FALSE
-0,052	0,287	-0,001	0,015	0,028	FALSE
-0,123	0,270	-0,004	0,009	0,198	FALSE
-0,162	0,278	-0,006	0,009	0,274	FALSE
-0,004	0,288	0,000	0,016	0,010	FALSE
0,043	0,298	0,003	0,017	0,073	FALSE
0,020	0,273	0,000	0,015	0,011	FALSE
-0,056	0,293	-0,002	0,013	0,045	FALSE
0,207	0,272	0,010	0,017	0,238	FALSE
-0,114	0,290	-0,004	0,009	0,180	FALSE
-0,103	0,302	-0,004	0,010	0,148	FALSE
-0,129	0,275	-0,004	0,010	0,161	FALSE
-0,101	0,303	-0,003	0,011	0,117	FALSE
-0,041	0,283	-0,001	0,009	0,040	FALSE
-0,022	0,277	-0,001	0,008	0,024	FALSE
0,047	0,280	0,003	0,011	0,117	FALSE
0,015	0,275	0,000	0,009	0,015	FALSE
0,084	0,274	0,004	0,014	0,106	FALSE
0,062	0,278	0,003	0,012	0,104	FALSE
0,018	0,305	0,001	0,016	0,023	FALSE
-0,069	0,298	-0,001	0,009	0,044	FALSE
-0,038	0,285	-0,002	0,009	0,066	FALSE
0,018	0,274	0,000	0,016	0,002	FALSE
-0,107	0,295	-0,002	0,012	0,071	FALSE
0,075	0,270	0,002	0,013	0,069	FALSE
-0,100	0,284	-0,005	0,013	0,160	FALSE
0,226	0,269	0,006	0,008	0,296	FALSE
-0,062	0,303	0,000	0,009	0,016	FALSE

-0,041	0,295	0,000	0,009	0,001	FALSE
0,064	0,278	0,002	0,012	0,075	FALSE
0,064	0,273	0,007	0,015	0,180	FALSE
-0,165	0,291	-0,005	0,010	0,201	FALSE
0,113	0,270	0,006	0,017	0,149	FALSE
0,111	0,277	0,006	0,018	0,147	FALSE
-0,024	0,284	0,001	0,017	0,018	FALSE
0,172	0,277	0,006	0,013	0,179	FALSE
-0,073	0,298	-0,003	0,015	0,061	FALSE
0,019	0,292	0,000	0,011	0,015	FALSE
-0,180	0,275	-0,006	0,009	0,291	FALSE
-0,096	0,283	-0,004	0,016	0,097	FALSE
0,017	0,275	0,000	0,015	0,007	FALSE
0,082	0,288	0,002	0,013	0,055	FALSE
0,064	0,280	0,001	0,012	0,025	FALSE
-0,130	0,281	-0,008	0,015	0,234	FALSE
0,035	0,288	0,002	0,016	0,038	FALSE
0,053	0,288	0,003	0,016	0,061	FALSE
0,183	0,270	0,008	0,017	0,196	FALSE
-0,020	0,303	-0,001	0,010	0,036	FALSE
0,047	0,280	0,002	0,010	0,095	FALSE
-0,069	0,280	-0,001	0,013	0,039	FALSE
-0,136	0,277	-0,010	0,016	0,266	FALSE
0,032	0,290	0,001	0,016	0,028	FALSE
0,057	0,278	0,003	0,015	0,075	FALSE
0,038	0,293	0,001	0,014	0,033	FALSE
0,059	0,286	0,003	0,018	0,056	FALSE
-0,129	0,282	-0,006	0,010	0,234	FALSE
0,058	0,287	0,002	0,011	0,077	FALSE
0,000	0,287	0,002	0,011	0,070	FALSE
-0,135	0,289	-0,004	0,010	0,149	FALSE
0,043	0,300	0,001	0,011	0,038	FALSE
0,109	0,283	0,003	0,016	0,079	FALSE
0,116	0,274	0,004	0,013	0,123	FALSE
-0,014	0,288	-0,001	0,010	0,029	FALSE
0,272	0,253	0,008	0,010	0,350	FALSE
0,140	0,283	0,003	0,016	0,080	FALSE
0,130	0,273	0,003	0,017	0,072	FALSE
0,136	0,272	0,004	0,017	0,091	FALSE
0,094	0,292	0,004	0,015	0,095	FALSE
-0,074	0,285	-0,003	0,015	0,082	FALSE
-0,015	0,297	-0,001	0,018	0,023	FALSE
0,071	0,280	0,001	0,015	0,032	FALSE
0,102	0,283	0,003	0,014	0,089	FALSE
-0,045	0,294	0,000	0,014	0,004	FALSE
0,112	0,277	0,005	0,014	0,134	FALSE
0,133	0,275	0,005	0,016	0,128	FALSE
0,004	0,278	0,000	0,009	0,013	FALSE
0,024	0,291	0,001	0,016	0,025	FALSE
0,070	0,275	0,002	0,012	0,059	FALSE
-0,008	0,297	0,001	0,009	0,025	FALSE
0,092	0,258	0,003	0,015	0,072	FALSE
0,004	0,287	0,002	0,014	0,050	FALSE

0,170	0,274	0,006	0,012	0,201	FALSE
-0,020	0,291	-0,001	0,012	0,042	FALSE
-0,025	0,285	-0,002	0,017	0,044	FALSE
-0,104	0,293	-0,006	0,017	0,139	FALSE
0,073	0,278	0,003	0,010	0,112	FALSE
-0,218	0,284	-0,006	0,009	0,302	FALSE
0,021	0,287	-0,001	0,011	0,020	FALSE
0,019	0,288	-0,002	0,016	0,048	FALSE
0,026	0,287	0,006	0,015	0,158	FALSE
-0,015	0,285	0,003	0,015	0,085	FALSE
-0,070	0,290	-0,007	0,016	0,184	FALSE
0,105	0,271	0,003	0,015	0,083	FALSE
-0,014	0,271	-0,004	0,016	0,094	FALSE
0,022	0,287	0,002	0,015	0,061	FALSE
0,014	0,295	0,002	0,016	0,043	FALSE
-0,014	0,273	0,001	0,015	0,018	FALSE
-0,091	0,290	-0,005	0,013	0,158	FALSE
0,104	0,273	0,003	0,014	0,075	FALSE
-0,034	0,294	-0,003	0,017	0,073	FALSE
0,015	0,291	-0,002	0,016	0,042	FALSE
-0,129	0,267	-0,006	0,016	0,135	FALSE
0,112	0,282	0,006	0,016	0,157	FALSE
-0,164	0,285	-0,007	0,013	0,223	FALSE
-0,004	0,272	-0,002	0,016	0,048	FALSE
0,063	0,282	0,002	0,013	0,058	FALSE
0,079	0,280	0,002	0,012	0,069	FALSE
0,066	0,290	0,004	0,018	0,076	FALSE
-0,004	0,277	-0,001	0,009	0,053	FALSE
0,002	0,281	0,000	0,014	0,000	FALSE
-0,015	0,291	-0,001	0,010	0,050	FALSE
-0,014	0,284	-0,001	0,011	0,029	FALSE
-0,133	0,278	-0,004	0,009	0,183	FALSE
-0,015	0,288	-0,001	0,014	0,024	FALSE
-0,056	0,282	-0,003	0,008	0,153	FALSE
0,077	0,288	0,003	0,012	0,105	FALSE
0,093	0,284	0,005	0,014	0,141	FALSE
0,116	0,282	0,005	0,009	0,219	FALSE
0,012	0,278	0,001	0,014	0,032	FALSE
0,090	0,273	0,009	0,018	0,212	FALSE
-0,110	0,275	-0,005	0,016	0,120	FALSE
-0,112	0,266	-0,006	0,015	0,156	FALSE
-0,106	0,269	-0,005	0,015	0,136	FALSE
-0,106	0,269	-0,005	0,015	0,140	FALSE
-0,107	0,275	-0,002	0,010	0,072	FALSE
0,012	0,274	0,002	0,012	0,073	FALSE
-0,074	0,279	-0,007	0,017	0,175	FALSE
0,042	0,264	0,003	0,016	0,071	FALSE
0,030	0,283	0,002	0,013	0,045	FALSE
0,134	0,269	0,004	0,010	0,167	FALSE
-0,027	0,281	0,000	0,011	0,006	FALSE
0,059	0,272	0,002	0,012	0,072	FALSE
0,051	0,286	0,004	0,014	0,101	FALSE
0,120	0,254	0,004	0,010	0,172	FALSE

0,057	0,279	0,002	0,010	0,093	FALSE
0,110	0,277	0,005	0,017	0,108	FALSE
-0,023	0,287	-0,001	0,017	0,022	FALSE
-0,019	0,289	0,000	0,017	0,001	FALSE
-0,223	0,284	-0,006	0,010	0,257	FALSE
-0,181	0,266	-0,010	0,015	0,298	FALSE
-0,112	0,270	-0,004	0,016	0,087	FALSE
-0,079	0,286	-0,002	0,017	0,039	FALSE
-0,080	0,270	-0,004	0,012	0,129	FALSE
-0,112	0,273	-0,006	0,013	0,184	FALSE
-0,019	0,268	-0,001	0,009	0,035	FALSE
0,086	0,269	0,003	0,009	0,135	FALSE
0,073	0,272	0,002	0,008	0,109	FALSE
-0,058	0,298	-0,004	0,018	0,094	FALSE
-0,157	0,302	-0,007	0,015	0,201	FALSE
-0,089	0,289	-0,003	0,010	0,122	FALSE
0,228	0,278	0,007	0,011	0,291	FALSE
-0,063	0,277	-0,004	0,014	0,121	FALSE
0,126	0,275	0,002	0,009	0,101	FALSE
0,239	0,268	0,007	0,009	0,340	FALSE
0,050	0,285	0,001	0,010	0,047	FALSE
-0,123	0,287	-0,004	0,011	0,145	FALSE
-0,024	0,263	-0,001	0,009	0,027	FALSE
-0,132	0,283	-0,007	0,017	0,179	FALSE
-0,072	0,284	-0,003	0,011	0,113	FALSE
-0,145	0,273	-0,008	0,013	0,248	FALSE
-0,084	0,289	-0,004	0,013	0,120	FALSE
0,036	0,269	0,002	0,018	0,048	FALSE
0,052	0,286	0,003	0,011	0,097	FALSE
-0,097	0,282	-0,003	0,012	0,076	FALSE
-0,048	0,274	-0,003	0,014	0,090	FALSE
0,051	0,274	0,001	0,010	0,036	FALSE
-0,069	0,275	-0,005	0,011	0,159	FALSE
0,106	0,279	0,003	0,012	0,079	FALSE
-0,169	0,290	-0,005	0,009	0,230	FALSE
-0,046	0,284	-0,003	0,014	0,076	FALSE
0,004	0,272	0,000	0,010	0,016	FALSE
-0,058	0,285	-0,002	0,010	0,062	FALSE
0,062	0,268	0,004	0,015	0,102	FALSE
0,179	0,286	0,007	0,013	0,252	FALSE
-0,089	0,282	-0,004	0,017	0,092	FALSE
-0,108	0,298	-0,004	0,013	0,130	FALSE
-0,084	0,268	-0,003	0,017	0,058	FALSE
0,037	0,295	0,004	0,016	0,089	FALSE
0,065	0,272	0,002	0,009	0,090	FALSE
0,234	0,273	0,009	0,015	0,262	FALSE
-0,072	0,288	-0,002	0,009	0,080	FALSE
0,153	0,286	0,006	0,011	0,240	FALSE
-0,124	0,287	-0,004	0,010	0,179	FALSE
-0,162	0,271	-0,008	0,013	0,258	FALSE
0,008	0,283	-0,002	0,016	0,054	FALSE
-0,065	0,281	-0,003	0,012	0,106	FALSE
-0,073	0,288	-0,002	0,012	0,072	FALSE

0,031	0,272	0,002	0,008	0,079	FALSE
-0,011	0,279	0,001	0,017	0,015	FALSE
0,007	0,280	0,002	0,009	0,080	FALSE
-0,025	0,264	0,001	0,012	0,026	FALSE
-0,067	0,276	-0,001	0,010	0,051	FALSE
0,052	0,281	0,006	0,017	0,139	FALSE
-0,029	0,294	-0,004	0,014	0,100	FALSE
0,170	0,282	0,006	0,010	0,280	FALSE
0,212	0,269	0,007	0,009	0,334	FALSE
-0,005	0,292	0,002	0,013	0,047	FALSE
-0,010	0,280	-0,001	0,011	0,039	FALSE
0,244	0,264	0,009	0,012	0,317	FALSE
-0,064	0,277	-0,002	0,016	0,052	FALSE
0,177	0,279	0,010	0,015	0,310	FALSE
0,022	0,291	0,000	0,010	0,012	FALSE
-0,125	0,284	-0,004	0,015	0,114	FALSE
0,213	0,272	0,010	0,014	0,331	FALSE
0,177	0,295	0,009	0,017	0,217	FALSE
-0,071	0,284	-0,003	0,009	0,123	FALSE
0,127	0,287	0,005	0,017	0,120	FALSE
-0,116	0,286	-0,004	0,009	0,165	FALSE
0,110	0,284	0,005	0,015	0,118	FALSE
0,019	0,266	-0,001	0,015	0,013	FALSE
-0,085	0,282	-0,004	0,012	0,128	FALSE
0,006	0,276	0,000	0,018	0,007	FALSE
-0,103	0,295	-0,004	0,012	0,141	FALSE
-0,042	0,292	-0,002	0,015	0,050	FALSE
-0,140	0,289	-0,007	0,012	0,262	FALSE
0,005	0,279	0,002	0,012	0,070	FALSE
-0,147	0,283	-0,003	0,011	0,117	FALSE
-0,120	0,295	-0,002	0,011	0,080	FALSE
-0,065	0,282	-0,001	0,012	0,021	FALSE
0,032	0,267	0,002	0,012	0,046	FALSE
-0,011	0,288	0,000	0,012	0,012	FALSE
-0,186	0,274	-0,004	0,009	0,210	FALSE
0,082	0,288	0,003	0,015	0,072	FALSE
0,141	0,272	0,008	0,016	0,190	FALSE
-0,105	0,282	-0,006	0,017	0,138	FALSE
-0,100	0,285	-0,006	0,017	0,138	FALSE
0,037	0,291	0,003	0,016	0,075	FALSE
-0,064	0,286	-0,002	0,011	0,079	FALSE
0,234	0,265	0,009	0,014	0,299	FALSE
0,065	0,279	0,006	0,017	0,126	FALSE
0,201	0,272	0,008	0,013	0,289	FALSE
-0,065	0,285	-0,003	0,014	0,073	FALSE
0,013	0,293	0,000	0,011	0,012	FALSE
-0,017	0,286	0,000	0,011	0,007	FALSE
0,214	0,275	0,010	0,017	0,259	FALSE
-0,020	0,264	-0,002	0,008	0,070	FALSE
-0,063	0,291	-0,002	0,012	0,077	FALSE
-0,051	0,288	-0,002	0,009	0,113	FALSE
0,231	0,276	0,011	0,017	0,297	FALSE
-0,191	0,277	-0,006	0,008	0,313	FALSE

0,047	0,286	0,001	0,017	0,031	FALSE
0,044	0,285	0,002	0,011	0,079	FALSE
0,020	0,286	0,002	0,011	0,048	FALSE
0,058	0,289	0,003	0,011	0,097	FALSE
-0,026	0,285	-0,003	0,009	0,109	FALSE
0,022	0,291	0,002	0,013	0,044	FALSE
0,036	0,289	0,003	0,014	0,079	FALSE
0,159	0,263	0,009	0,015	0,275	FALSE
0,029	0,280	0,000	0,010	0,006	FALSE
0,181	0,261	0,007	0,012	0,259	FALSE
0,223	0,267	0,010	0,013	0,329	FALSE
0,010	0,281	0,000	0,017	0,010	FALSE
-0,053	0,296	-0,003	0,011	0,098	FALSE
-0,119	0,277	-0,004	0,012	0,126	FALSE
-0,080	0,285	-0,002	0,012	0,061	FALSE
0,081	0,294	0,002	0,009	0,102	FALSE
0,146	0,278	0,005	0,014	0,132	FALSE
-0,196	0,277	-0,007	0,011	0,293	FALSE
0,030	0,295	0,003	0,012	0,090	FALSE
-0,079	0,274	0,000	0,011	0,010	FALSE
-0,160	0,281	-0,004	0,010	0,152	FALSE
-0,072	0,275	-0,002	0,013	0,043	FALSE
-0,017	0,281	-0,001	0,009	0,055	FALSE
0,041	0,288	0,000	0,017	0,005	FALSE
-0,029	0,281	0,000	0,010	0,011	FALSE
0,225	0,272	0,008	0,010	0,348	FALSE
0,222	0,277	0,008	0,011	0,339	FALSE
0,148	0,294	0,005	0,010	0,204	FALSE
0,008	0,292	0,001	0,011	0,048	FALSE
0,245	0,273	0,011	0,017	0,288	FALSE
0,017	0,289	0,001	0,013	0,035	FALSE
-0,003	0,287	0,001	0,010	0,046	FALSE
0,098	0,285	0,003	0,012	0,103	FALSE
0,120	0,296	0,005	0,014	0,148	FALSE
-0,072	0,275	-0,001	0,013	0,014	FALSE
-0,067	0,290	-0,003	0,018	0,068	FALSE
0,014	0,280	0,000	0,008	0,001	FALSE
-0,027	0,286	-0,003	0,018	0,073	FALSE
-0,099	0,274	-0,004	0,010	0,156	FALSE
-0,057	0,292	-0,002	0,009	0,084	FALSE
-0,062	0,274	-0,002	0,009	0,084	FALSE
-0,071	0,276	-0,002	0,010	0,060	FALSE
0,040	0,289	0,003	0,010	0,134	FALSE
0,136	0,281	0,003	0,010	0,125	FALSE
-0,087	0,280	-0,005	0,012	0,167	FALSE
0,006	0,286	0,000	0,012	0,001	FALSE
-0,021	0,284	0,000	0,009	0,013	FALSE
-0,123	0,273	-0,004	0,014	0,102	FALSE
-0,160	0,276	-0,005	0,012	0,183	FALSE
-0,070	0,284	-0,002	0,013	0,051	FALSE
0,146	0,298	0,006	0,011	0,221	FALSE
0,295	0,257	0,013	0,014	0,463	FALSE
-0,009	0,296	0,000	0,017	0,009	FALSE

-0,124	0,270	-0,008	0,017	0,203	FALSE
0,137	0,276	0,009	0,016	0,240	FALSE
0,068	0,274	0,002	0,011	0,052	FALSE
0,093	0,270	0,003	0,011	0,099	FALSE
-0,004	0,290	-0,003	0,017	0,054	FALSE
-0,016	0,280	-0,002	0,010	0,068	FALSE
0,123	0,272	0,004	0,008	0,218	FALSE
-0,270	0,272	-0,011	0,014	0,373	FALSE
-0,032	0,283	0,000	0,009	0,020	FALSE
-0,015	0,285	0,000	0,008	0,017	FALSE
0,065	0,283	0,005	0,017	0,107	FALSE
0,042	0,285	0,001	0,016	0,022	FALSE
0,221	0,281	0,008	0,010	0,365	FALSE
-0,051	0,275	0,000	0,014	0,004	FALSE
-0,123	0,284	-0,005	0,013	0,175	FALSE
0,004	0,264	-0,002	0,011	0,052	FALSE
0,039	0,274	0,003	0,011	0,120	FALSE
0,035	0,285	0,004	0,015	0,107	FALSE
0,031	0,265	0,001	0,017	0,030	FALSE
-0,014	0,281	-0,002	0,010	0,084	FALSE
-0,060	0,277	-0,001	0,011	0,046	FALSE
-0,129	0,288	-0,006	0,016	0,149	FALSE
-0,068	0,286	-0,002	0,009	0,091	FALSE
-0,008	0,286	0,000	0,018	0,005	FALSE
-0,071	0,272	-0,002	0,008	0,107	FALSE
-0,007	0,279	0,000	0,013	0,007	FALSE
-0,007	0,287	-0,003	0,016	0,070	FALSE
0,000	0,281	0,000	0,010	0,003	FALSE
0,052	0,298	0,003	0,014	0,088	FALSE
-0,002	0,301	-0,002	0,012	0,047	FALSE
-0,037	0,289	-0,002	0,009	0,065	FALSE
0,014	0,278	0,000	0,013	0,002	FALSE
-0,040	0,287	0,000	0,013	0,008	FALSE
-0,046	0,297	0,001	0,016	0,011	FALSE
0,195	0,279	0,007	0,012	0,247	FALSE
0,030	0,291	0,002	0,009	0,073	FALSE
0,013	0,283	0,001	0,009	0,049	FALSE
0,084	0,285	0,002	0,009	0,075	FALSE
-0,009	0,294	0,000	0,017	0,008	FALSE
0,116	0,270	0,003	0,015	0,084	FALSE
0,009	0,285	-0,003	0,017	0,061	FALSE
0,230	0,273	0,012	0,017	0,314	FALSE
-0,137	0,281	-0,008	0,014	0,226	FALSE
0,108	0,285	0,008	0,017	0,205	FALSE
0,033	0,284	0,000	0,008	0,013	FALSE
-0,036	0,267	-0,001	0,010	0,039	FALSE
-0,029	0,285	0,000	0,015	0,003	FALSE
-0,097	0,284	-0,002	0,010	0,090	FALSE
-0,126	0,271	-0,003	0,009	0,122	FALSE
-0,179	0,287	-0,005	0,013	0,176	FALSE
-0,021	0,267	-0,001	0,009	0,060	FALSE
-0,180	0,274	-0,006	0,013	0,189	FALSE
0,016	0,269	0,000	0,009	0,008	FALSE

-0,065	0,271	-0,004	0,010	0,153	FALSE
-0,054	0,273	0,001	0,017	0,018	FALSE
0,029	0,284	0,000	0,009	0,012	FALSE
0,071	0,275	0,003	0,012	0,087	FALSE
0,101	0,297	0,006	0,016	0,151	FALSE
-0,199	0,285	-0,006	0,010	0,274	FALSE
-0,174	0,277	-0,006	0,015	0,157	FALSE
0,005	0,281	0,000	0,012	0,005	FALSE
0,043	0,274	0,001	0,015	0,015	FALSE
-0,016	0,294	0,000	0,016	0,010	FALSE
0,018	0,274	0,000	0,016	0,008	FALSE
-0,150	0,273	-0,004	0,010	0,167	FALSE
0,004	0,293	-0,001	0,018	0,018	FALSE
0,100	0,278	0,003	0,016	0,077	FALSE
0,164	0,263	0,005	0,010	0,231	FALSE
0,215	0,262	0,007	0,010	0,302	FALSE
0,170	0,273	0,005	0,011	0,170	FALSE
0,013	0,278	0,000	0,009	0,004	FALSE
-0,100	0,292	-0,010	0,017	0,248	FALSE
-0,068	0,277	-0,002	0,011	0,065	FALSE
0,138	0,287	0,004	0,016	0,100	FALSE
0,155	0,287	0,004	0,012	0,129	FALSE
0,091	0,293	0,002	0,012	0,052	FALSE
-0,029	0,277	0,000	0,016	0,000	FALSE
-0,236	0,271	-0,009	0,012	0,335	FALSE
-0,143	0,278	-0,004	0,010	0,145	FALSE
0,096	0,257	0,004	0,012	0,121	FALSE
-0,039	0,289	-0,002	0,017	0,038	FALSE
-0,120	0,274	-0,007	0,018	0,159	FALSE
-0,133	0,279	-0,007	0,016	0,175	FALSE
-0,163	0,292	-0,005	0,010	0,210	FALSE
0,029	0,265	-0,001	0,012	0,021	FALSE
0,045	0,268	0,000	0,012	0,003	FALSE
0,078	0,271	0,002	0,010	0,066	FALSE
-0,037	0,278	0,000	0,011	0,010	FALSE
0,067	0,271	0,005	0,017	0,105	FALSE
0,018	0,283	-0,001	0,013	0,015	FALSE
-0,072	0,278	-0,002	0,008	0,077	FALSE
0,098	0,271	0,002	0,014	0,046	FALSE
0,092	0,275	0,002	0,017	0,042	FALSE
0,113	0,272	0,002	0,017	0,042	FALSE
0,101	0,275	0,003	0,017	0,059	FALSE
0,088	0,278	0,002	0,018	0,046	FALSE
0,076	0,288	0,001	0,017	0,025	FALSE
-0,005	0,286	-0,001	0,011	0,035	FALSE
-0,125	0,282	-0,003	0,009	0,115	FALSE
0,131	0,268	0,002	0,012	0,073	FALSE
0,077	0,271	0,002	0,017	0,049	FALSE
0,056	0,265	0,000	0,011	0,004	FALSE
-0,001	0,290	0,000	0,017	0,001	FALSE
0,078	0,275	0,002	0,010	0,061	FALSE
-0,027	0,281	0,000	0,016	0,008	FALSE
-0,070	0,289	-0,004	0,018	0,083	FALSE

-0,038	0,291	-0,002	0,018	0,034	FALSE
0,053	0,273	0,002	0,010	0,080	FALSE
-0,148	0,292	-0,005	0,010	0,226	FALSE
0,202	0,261	0,011	0,018	0,281	FALSE
0,157	0,270	0,004	0,009	0,202	FALSE
-0,207	0,284	-0,008	0,016	0,214	FALSE
-0,121	0,279	-0,006	0,013	0,196	FALSE
-0,207	0,272	-0,008	0,013	0,291	FALSE
0,214	0,266	0,007	0,009	0,338	FALSE
0,235	0,267	0,010	0,011	0,408	FALSE
-0,083	0,284	-0,002	0,010	0,084	FALSE
-0,094	0,285	-0,003	0,009	0,132	FALSE
0,057	0,284	0,003	0,015	0,081	FALSE
-0,029	0,277	-0,002	0,013	0,064	FALSE
-0,071	0,291	-0,006	0,017	0,148	FALSE
-0,056	0,273	-0,005	0,014	0,135	FALSE
-0,120	0,291	-0,009	0,017	0,221	FALSE
-0,171	0,283	-0,009	0,014	0,296	FALSE
0,020	0,277	0,000	0,018	0,002	FALSE
0,063	0,277	0,002	0,015	0,055	FALSE
-0,075	0,289	-0,004	0,016	0,082	FALSE
-0,003	0,292	0,001	0,015	0,034	FALSE
0,130	0,277	0,005	0,010	0,208	FALSE
-0,058	0,286	-0,003	0,012	0,087	FALSE
-0,159	0,289	-0,008	0,016	0,228	FALSE
-0,031	0,283	0,000	0,009	0,004	FALSE
0,075	0,282	0,004	0,012	0,116	FALSE
0,033	0,292	0,002	0,009	0,066	FALSE
-0,182	0,285	-0,007	0,012	0,252	FALSE
-0,076	0,278	-0,003	0,015	0,072	FALSE
-0,091	0,281	-0,004	0,012	0,125	FALSE
-0,102	0,275	-0,006	0,016	0,168	FALSE
-0,005	0,284	0,001	0,016	0,022	FALSE
0,147	0,284	0,006	0,009	0,277	FALSE
0,112	0,292	0,006	0,014	0,171	FALSE
0,101	0,279	0,004	0,010	0,153	FALSE
0,086	0,284	0,003	0,009	0,152	FALSE
0,057	0,279	0,004	0,012	0,136	FALSE
-0,028	0,274	-0,002	0,016	0,050	FALSE
0,026	0,290	0,000	0,012	0,002	FALSE
0,064	0,262	-0,002	0,014	0,049	FALSE
0,090	0,279	0,001	0,018	0,016	FALSE
0,081	0,280	0,001	0,018	0,018	FALSE
-0,021	0,277	0,001	0,017	0,030	FALSE
-0,027	0,270	-0,005	0,016	0,132	FALSE
0,063	0,294	0,004	0,017	0,089	FALSE
0,039	0,284	0,002	0,009	0,097	FALSE
-0,128	0,276	-0,007	0,015	0,177	FALSE
0,120	0,288	0,005	0,011	0,163	FALSE
-0,021	0,288	-0,003	0,017	0,071	FALSE
0,187	0,283	0,011	0,016	0,316	FALSE
0,024	0,299	0,001	0,013	0,037	FALSE
0,144	0,282	0,005	0,012	0,179	FALSE

-0,022	0,277	0,001	0,013	0,015	FALSE
-0,094	0,280	-0,003	0,009	0,127	FALSE
-0,198	0,257	-0,009	0,017	0,235	FALSE
-0,162	0,273	-0,005	0,012	0,173	FALSE
0,092	0,280	0,005	0,017	0,110	FALSE
0,003	0,286	0,001	0,015	0,023	FALSE
0,130	0,267	0,004	0,015	0,106	FALSE
0,044	0,297	0,001	0,009	0,062	FALSE
-0,135	0,276	-0,006	0,017	0,148	FALSE
0,076	0,290	0,002	0,009	0,070	FALSE
-0,056	0,291	-0,001	0,011	0,016	FALSE
-0,088	0,300	-0,003	0,012	0,080	FALSE
0,030	0,268	0,000	0,013	0,007	FALSE
-0,116	0,285	-0,005	0,015	0,147	FALSE
0,026	0,278	0,003	0,014	0,072	FALSE
-0,041	0,290	-0,003	0,014	0,065	FALSE
-0,032	0,272	-0,002	0,015	0,061	FALSE
-0,124	0,292	-0,003	0,011	0,125	FALSE
0,094	0,280	0,005	0,015	0,140	FALSE
0,101	0,293	0,005	0,015	0,137	FALSE
-0,081	0,280	-0,001	0,010	0,022	FALSE
-0,044	0,287	-0,001	0,014	0,020	FALSE
-0,042	0,281	-0,002	0,016	0,042	FALSE
-0,006	0,298	-0,002	0,017	0,038	FALSE
0,160	0,283	0,007	0,013	0,238	FALSE
-0,006	0,281	-0,002	0,017	0,048	FALSE
-0,100	0,289	-0,004	0,010	0,146	FALSE
-0,122	0,285	-0,005	0,010	0,192	FALSE
-0,054	0,268	-0,004	0,011	0,140	FALSE
0,010	0,272	0,001	0,013	0,043	FALSE
0,037	0,277	0,003	0,015	0,081	FALSE
-0,107	0,285	-0,006	0,015	0,148	FALSE
0,142	0,279	0,008	0,016	0,214	FALSE
0,202	0,278	0,009	0,012	0,312	FALSE
-0,010	0,281	0,000	0,014	0,008	FALSE
0,188	0,281	0,009	0,012	0,324	FALSE
0,022	0,277	0,000	0,011	0,010	FALSE
0,093	0,272	0,002	0,011	0,083	FALSE
0,059	0,277	0,004	0,011	0,139	FALSE
0,110	0,282	0,005	0,008	0,271	FALSE
0,055	0,277	0,000	0,013	0,010	FALSE
0,052	0,282	0,002	0,009	0,075	FALSE
-0,033	0,285	-0,003	0,016	0,060	FALSE
0,185	0,272	0,009	0,012	0,322	FALSE
0,143	0,274	0,005	0,010	0,196	FALSE
-0,082	0,293	-0,003	0,012	0,098	FALSE
-0,075	0,289	-0,002	0,011	0,083	FALSE
0,059	0,279	0,000	0,014	0,010	FALSE
0,106	0,267	0,002	0,009	0,096	FALSE
0,009	0,280	0,001	0,013	0,033	FALSE
0,082	0,272	0,001	0,010	0,023	FALSE
-0,046	0,294	-0,002	0,010	0,078	FALSE
0,193	0,282	0,007	0,011	0,257	FALSE

0,004	0,288	0,001	0,010	0,020	FALSE
-0,142	0,281	-0,008	0,017	0,186	FALSE
0,077	0,283	0,002	0,014	0,059	FALSE
0,104	0,264	0,002	0,012	0,076	FALSE
0,082	0,288	0,003	0,011	0,117	FALSE
0,050	0,299	0,003	0,012	0,107	FALSE
0,038	0,289	0,003	0,012	0,090	FALSE
0,004	0,288	-0,001	0,009	0,059	FALSE
-0,261	0,268	-0,011	0,014	0,374	FALSE
0,204	0,274	0,006	0,010	0,281	FALSE
-0,016	0,291	-0,002	0,018	0,037	FALSE
0,162	0,283	0,006	0,014	0,161	FALSE
-0,081	0,272	-0,004	0,012	0,126	FALSE
-0,207	0,271	-0,006	0,008	0,334	FALSE
-0,094	0,284	-0,003	0,014	0,079	FALSE
0,036	0,298	-0,001	0,015	0,018	FALSE
-0,080	0,283	-0,002	0,011	0,070	FALSE
-0,082	0,280	-0,008	0,017	0,186	FALSE
-0,169	0,286	-0,005	0,011	0,212	FALSE
-0,112	0,291	-0,004	0,009	0,165	FALSE
-0,048	0,274	-0,001	0,018	0,019	FALSE
0,027	0,294	0,000	0,018	0,008	FALSE
-0,040	0,286	-0,002	0,010	0,082	FALSE
-0,021	0,286	-0,002	0,011	0,078	FALSE
0,159	0,280	0,006	0,011	0,219	FALSE
0,035	0,276	0,000	0,016	0,000	FALSE
0,122	0,280	0,006	0,014	0,172	FALSE
0,023	0,280	0,001	0,010	0,038	FALSE
0,138	0,281	0,006	0,012	0,217	FALSE
-0,042	0,264	-0,002	0,013	0,065	FALSE
0,153	0,274	0,005	0,010	0,219	FALSE
0,105	0,279	0,004	0,012	0,140	FALSE
-0,116	0,288	-0,004	0,011	0,147	FALSE
0,020	0,279	-0,001	0,016	0,034	FALSE
-0,136	0,280	-0,010	0,017	0,263	FALSE
-0,093	0,294	-0,003	0,010	0,105	FALSE
-0,067	0,281	-0,005	0,016	0,133	FALSE
0,051	0,279	0,002	0,009	0,075	FALSE
-0,183	0,275	-0,005	0,011	0,185	FALSE
-0,178	0,291	-0,005	0,011	0,197	FALSE
-0,114	0,283	-0,006	0,012	0,201	FALSE
-0,118	0,285	-0,003	0,009	0,142	FALSE
0,009	0,276	-0,001	0,017	0,024	FALSE
-0,044	0,289	-0,003	0,016	0,065	FALSE
-0,018	0,287	-0,002	0,014	0,050	FALSE
-0,010	0,295	-0,001	0,015	0,025	FALSE
0,007	0,285	-0,001	0,013	0,014	FALSE
-0,183	0,285	-0,009	0,018	0,218	FALSE
0,129	0,273	0,003	0,012	0,091	FALSE
0,185	0,281	0,009	0,018	0,211	FALSE
-0,055	0,296	-0,004	0,015	0,107	FALSE
0,135	0,276	0,006	0,009	0,274	FALSE
-0,118	0,293	-0,004	0,009	0,180	FALSE

-0,080	0,287	-0,004	0,013	0,139	FALSE
0,073	0,298	0,002	0,010	0,091	FALSE
-0,088	0,278	-0,002	0,009	0,103	FALSE
0,066	0,297	0,003	0,014	0,098	FALSE
0,086	0,303	0,003	0,009	0,151	FALSE
0,075	0,276	0,004	0,012	0,114	FALSE
-0,095	0,283	-0,004	0,015	0,089	FALSE
0,259	0,255	0,008	0,009	0,374	FALSE
0,056	0,277	0,003	0,014	0,069	FALSE
0,257	0,265	0,007	0,009	0,334	FALSE
-0,100	0,266	-0,007	0,018	0,175	FALSE
0,075	0,305	0,003	0,012	0,092	FALSE
0,087	0,279	0,002	0,010	0,074	FALSE
0,007	0,293	0,001	0,017	0,024	FALSE
-0,121	0,273	-0,006	0,014	0,175	FALSE
0,106	0,280	0,004	0,011	0,150	FALSE
-0,049	0,288	-0,002	0,014	0,055	FALSE
-0,048	0,277	-0,003	0,010	0,098	FALSE
-0,068	0,285	-0,005	0,015	0,134	FALSE
0,012	0,279	-0,001	0,017	0,013	FALSE
-0,031	0,272	-0,003	0,011	0,111	FALSE
-0,024	0,295	-0,001	0,015	0,013	FALSE
0,068	0,289	0,003	0,011	0,107	FALSE
0,053	0,278	0,004	0,013	0,110	FALSE
0,019	0,295	0,003	0,014	0,068	FALSE
-0,130	0,285	-0,005	0,012	0,182	FALSE
-0,038	0,288	-0,001	0,011	0,024	FALSE
-0,024	0,281	-0,002	0,010	0,066	FALSE
-0,025	0,286	0,000	0,009	0,005	FALSE
0,155	0,286	0,003	0,010	0,130	FALSE
-0,138	0,297	-0,003	0,009	0,109	FALSE
-0,009	0,298	0,000	0,018	0,006	FALSE
-0,134	0,283	-0,006	0,016	0,155	FALSE
0,049	0,299	0,004	0,019	0,078	FALSE
0,256	0,275	0,010	0,012	0,381	FALSE
0,095	0,276	0,004	0,014	0,104	FALSE
0,234	0,284	0,012	0,017	0,332	FALSE
-0,015	0,283	0,000	0,012	0,006	FALSE
-0,109	0,286	-0,003	0,009	0,116	FALSE
0,179	0,272	0,010	0,016	0,265	FALSE
0,053	0,289	0,001	0,009	0,023	FALSE
-0,031	0,278	0,000	0,013	0,003	FALSE
-0,038	0,286	-0,001	0,010	0,031	FALSE
0,092	0,287	0,004	0,015	0,107	FALSE
0,173	0,270	0,006	0,014	0,185	FALSE
0,020	0,279	0,001	0,010	0,040	FALSE
0,056	0,297	0,004	0,015	0,108	FALSE
0,088	0,271	0,001	0,013	0,033	FALSE
-0,070	0,288	-0,003	0,011	0,108	FALSE
-0,074	0,280	-0,004	0,011	0,137	FALSE
-0,093	0,287	-0,004	0,011	0,150	FALSE
-0,055	0,270	-0,003	0,011	0,097	FALSE
-0,026	0,282	-0,003	0,016	0,076	FALSE

0,184	0,281	0,007	0,012	0,241	FALSE
-0,005	0,287	-0,003	0,017	0,074	FALSE
-0,031	0,274	-0,001	0,008	0,056	FALSE
0,091	0,282	0,004	0,016	0,103	FALSE
-0,131	0,279	-0,005	0,008	0,234	FALSE
-0,123	0,265	-0,004	0,008	0,198	FALSE
-0,093	0,282	-0,003	0,009	0,151	FALSE
-0,016	0,282	-0,001	0,012	0,015	FALSE
0,087	0,300	0,004	0,018	0,090	FALSE
-0,008	0,291	0,001	0,011	0,017	FALSE
-0,013	0,304	0,000	0,011	0,000	FALSE
0,056	0,278	0,002	0,013	0,059	FALSE
-0,200	0,281	-0,013	0,018	0,323	FALSE
-0,097	0,272	-0,006	0,012	0,214	FALSE
0,185	0,292	0,008	0,015	0,222	FALSE
0,025	0,268	0,002	0,012	0,049	FALSE
-0,027	0,291	-0,001	0,012	0,031	FALSE
-0,150	0,290	-0,009	0,017	0,226	FALSE
-0,179	0,271	-0,008	0,012	0,285	FALSE
0,020	0,276	0,002	0,011	0,068	FALSE
0,019	0,294	0,002	0,014	0,050	FALSE
0,035	0,293	0,002	0,013	0,068	FALSE
-0,016	0,286	0,000	0,012	0,007	FALSE
0,023	0,276	0,000	0,011	0,002	FALSE
-0,036	0,270	-0,001	0,011	0,041	FALSE
-0,087	0,277	-0,004	0,018	0,079	FALSE
-0,081	0,279	-0,003	0,013	0,083	FALSE
-0,026	0,294	-0,001	0,009	0,023	FALSE
-0,037	0,286	-0,004	0,015	0,108	FALSE
-0,031	0,287	0,000	0,012	0,009	FALSE
-0,150	0,286	-0,004	0,009	0,168	FALSE
0,084	0,295	0,004	0,010	0,140	FALSE
-0,033	0,284	-0,001	0,014	0,013	FALSE
0,030	0,293	0,001	0,018	0,014	FALSE
0,086	0,296	0,003	0,011	0,128	FALSE
-0,041	0,288	0,000	0,015	0,005	FALSE
-0,157	0,283	-0,004	0,009	0,184	FALSE
-0,110	0,269	-0,006	0,012	0,222	FALSE
-0,111	0,295	-0,004	0,009	0,157	FALSE
0,001	0,285	0,000	0,009	0,015	FALSE
0,241	0,275	0,006	0,009	0,293	FALSE
0,237	0,268	0,015	0,017	0,399	FALSE
-0,141	0,294	-0,004	0,010	0,181	FALSE
-0,072	0,287	-0,004	0,017	0,090	FALSE
-0,003	0,287	0,001	0,012	0,043	FALSE
-0,062	0,294	-0,002	0,009	0,064	FALSE
-0,049	0,292	-0,001	0,009	0,048	FALSE
-0,232	0,276	-0,007	0,011	0,309	FALSE
-0,196	0,281	-0,008	0,014	0,243	FALSE
-0,095	0,282	-0,002	0,010	0,067	FALSE
-0,169	0,286	-0,005	0,009	0,224	FALSE
-0,096	0,279	-0,002	0,009	0,078	FALSE
-0,116	0,282	-0,003	0,010	0,101	FALSE

0,090	0,285	0,004	0,017	0,089	FALSE
-0,099	0,286	-0,005	0,013	0,152	FALSE
0,039	0,293	0,000	0,010	0,016	FALSE
0,067	0,295	0,006	0,018	0,129	FALSE
0,261	0,263	0,008	0,011	0,333	FALSE
0,151	0,287	0,010	0,017	0,251	FALSE
0,254	0,265	0,008	0,009	0,396	FALSE
-0,140	0,281	-0,005	0,015	0,143	FALSE
0,064	0,282	0,002	0,010	0,074	FALSE
-0,111	0,282	-0,004	0,012	0,128	FALSE
0,026	0,279	0,000	0,009	0,019	FALSE
-0,177	0,272	-0,009	0,015	0,250	FALSE
0,047	0,293	0,001	0,012	0,029	FALSE
-0,045	0,294	-0,001	0,010	0,037	FALSE
-0,019	0,293	0,000	0,010	0,014	FALSE
0,077	0,297	0,003	0,009	0,115	FALSE
0,027	0,281	0,001	0,011	0,040	FALSE
0,141	0,284	0,007	0,015	0,212	FALSE
-0,092	0,289	-0,003	0,011	0,127	FALSE
0,148	0,272	0,008	0,014	0,238	FALSE
-0,255	0,286	-0,011	0,014	0,357	FALSE
0,074	0,288	0,002	0,013	0,070	FALSE
-0,008	0,290	0,001	0,017	0,016	FALSE
-0,094	0,286	-0,006	0,016	0,156	FALSE
0,061	0,294	0,002	0,011	0,062	FALSE
-0,066	0,268	0,000	0,017	0,006	FALSE
-0,173	0,283	-0,008	0,018	0,190	FALSE
-0,180	0,277	-0,009	0,017	0,212	FALSE
-0,147	0,267	-0,007	0,017	0,166	FALSE
-0,193	0,280	-0,009	0,017	0,223	FALSE
0,085	0,273	0,003	0,018	0,063	FALSE
0,252	0,270	0,008	0,011	0,324	FALSE
-0,047	0,288	-0,001	0,014	0,013	FALSE
0,215	0,275	0,008	0,012	0,294	FALSE
0,244	0,282	0,008	0,012	0,316	FALSE
-0,134	0,293	-0,003	0,009	0,146	FALSE
-0,178	0,279	-0,004	0,009	0,192	FALSE
-0,094	0,279	-0,004	0,011	0,149	FALSE
-0,096	0,287	-0,003	0,009	0,144	FALSE
0,037	0,280	0,001	0,017	0,020	FALSE
-0,047	0,295	-0,003	0,014	0,086	FALSE
0,106	0,270	0,003	0,009	0,143	FALSE
0,109	0,286	0,005	0,013	0,155	FALSE
-0,023	0,292	0,000	0,009	0,006	FALSE
0,030	0,287	0,001	0,011	0,026	FALSE
-0,058	0,275	-0,001	0,014	0,028	FALSE
-0,043	0,286	-0,001	0,018	0,020	FALSE
0,013	0,282	0,001	0,010	0,036	FALSE
0,118	0,266	0,002	0,018	0,043	FALSE
0,016	0,295	0,002	0,010	0,070	FALSE
-0,040	0,294	-0,002	0,012	0,066	FALSE
0,035	0,287	0,002	0,017	0,054	FALSE
-0,048	0,292	-0,002	0,011	0,079	FALSE

0,114	0,281	0,006	0,015	0,149	FALSE
0,114	0,295	0,009	0,018	0,203	FALSE
-0,095	0,279	-0,002	0,009	0,061	FALSE
-0,026	0,291	-0,002	0,008	0,078	FALSE
0,109	0,282	0,003	0,013	0,091	FALSE
0,015	0,284	0,001	0,016	0,027	FALSE
0,107	0,269	0,003	0,016	0,065	FALSE
0,208	0,276	0,009	0,014	0,277	FALSE
-0,005	0,268	-0,001	0,013	0,030	FALSE
0,050	0,272	0,002	0,017	0,044	FALSE
0,055	0,289	0,002	0,009	0,071	FALSE
0,094	0,277	0,008	0,015	0,242	FALSE
-0,161	0,279	-0,006	0,010	0,239	FALSE
0,164	0,273	0,008	0,017	0,192	FALSE
-0,155	0,284	-0,008	0,017	0,189	FALSE
-0,215	0,282	-0,009	0,012	0,334	FALSE
0,085	0,273	0,003	0,009	0,126	FALSE
0,016	0,269	0,001	0,013	0,027	FALSE
0,064	0,276	0,001	0,016	0,016	FALSE
0,015	0,284	0,001	0,014	0,026	FALSE
0,213	0,270	0,010	0,018	0,256	FALSE
-0,064	0,276	-0,002	0,016	0,051	FALSE
0,210	0,275	0,012	0,016	0,324	FALSE
0,172	0,277	0,010	0,017	0,258	FALSE
-0,143	0,289	-0,009	0,018	0,208	FALSE
-0,026	0,289	0,000	0,012	0,003	FALSE
-0,024	0,294	-0,004	0,017	0,077	FALSE
-0,031	0,290	0,000	0,011	0,014	FALSE
-0,080	0,296	-0,001	0,010	0,049	FALSE
-0,026	0,294	-0,001	0,014	0,027	FALSE
0,069	0,278	0,006	0,017	0,146	FALSE
-0,005	0,285	0,000	0,010	0,013	FALSE
-0,099	0,276	-0,002	0,012	0,079	FALSE
0,056	0,279	0,003	0,015	0,072	FALSE
-0,063	0,290	-0,005	0,015	0,127	FALSE
0,028	0,270	0,000	0,011	0,007	FALSE
-0,112	0,285	-0,004	0,012	0,140	FALSE
0,034	0,292	0,002	0,010	0,067	FALSE
0,029	0,269	0,001	0,008	0,041	FALSE
0,040	0,291	0,000	0,018	0,007	FALSE
0,078	0,283	0,003	0,018	0,055	FALSE
-0,024	0,279	-0,002	0,015	0,046	FALSE
0,004	0,262	-0,001	0,009	0,022	FALSE
0,048	0,301	0,005	0,017	0,116	FALSE
0,058	0,282	0,005	0,014	0,130	FALSE
0,026	0,289	0,002	0,015	0,042	FALSE
0,018	0,274	0,002	0,016	0,056	FALSE
0,010	0,291	0,001	0,010	0,029	FALSE
-0,056	0,291	-0,001	0,011	0,019	FALSE
-0,098	0,290	-0,007	0,017	0,151	FALSE
-0,191	0,280	-0,006	0,009	0,264	FALSE
-0,151	0,290	-0,004	0,009	0,187	FALSE
0,134	0,284	0,005	0,012	0,167	FALSE

0,134	0,271	0,007	0,017	0,153	FALSE
-0,084	0,291	-0,002	0,010	0,073	FALSE
0,034	0,282	0,002	0,010	0,064	FALSE
-0,094	0,292	-0,004	0,013	0,132	FALSE
-0,019	0,284	-0,001	0,017	0,012	FALSE
0,089	0,287	0,004	0,010	0,142	FALSE
0,024	0,289	0,002	0,012	0,054	FALSE
0,076	0,285	0,003	0,016	0,061	FALSE
0,017	0,287	0,000	0,016	0,004	FALSE
-0,037	0,289	0,000	0,010	0,009	FALSE
-0,182	0,280	-0,006	0,015	0,173	FALSE
0,052	0,271	0,000	0,010	0,015	FALSE
0,013	0,293	0,002	0,015	0,041	FALSE
-0,052	0,295	-0,001	0,012	0,027	FALSE
0,100	0,291	0,005	0,015	0,124	FALSE
-0,031	0,283	-0,002	0,013	0,062	FALSE
-0,100	0,302	-0,002	0,009	0,088	FALSE
0,079	0,283	0,004	0,014	0,104	FALSE
-0,005	0,282	0,000	0,009	0,000	FALSE
0,103	0,278	0,005	0,011	0,178	FALSE
0,100	0,289	0,004	0,012	0,124	FALSE
0,088	0,270	0,001	0,009	0,054	FALSE
-0,024	0,284	-0,001	0,011	0,049	FALSE
-0,186	0,273	-0,011	0,017	0,270	FALSE
0,058	0,285	0,002	0,012	0,074	FALSE
0,000	0,271	0,000	0,013	0,005	FALSE
0,016	0,286	0,000	0,014	0,011	FALSE
0,045	0,289	0,002	0,014	0,052	FALSE
0,030	0,284	0,001	0,014	0,018	FALSE
0,098	0,272	0,002	0,011	0,076	FALSE
0,038	0,292	0,003	0,012	0,096	FALSE
0,138	0,281	0,009	0,016	0,234	FALSE
0,124	0,271	0,004	0,010	0,178	FALSE
-0,184	0,278	-0,006	0,009	0,269	FALSE
0,041	0,279	0,001	0,009	0,021	FALSE
-0,178	0,274	-0,006	0,013	0,212	FALSE
-0,143	0,287	-0,006	0,014	0,178	FALSE
0,091	0,279	0,004	0,018	0,096	FALSE
-0,117	0,276	-0,003	0,011	0,103	FALSE
0,108	0,273	0,003	0,008	0,166	FALSE
-0,009	0,269	0,000	0,014	0,004	FALSE
0,003	0,278	0,001	0,014	0,018	FALSE
-0,149	0,272	-0,005	0,014	0,154	FALSE
0,045	0,289	0,001	0,018	0,023	FALSE
0,075	0,279	0,007	0,016	0,167	FALSE
0,032	0,301	0,001	0,010	0,050	FALSE
0,043	0,293	0,002	0,016	0,046	FALSE
-0,035	0,290	-0,002	0,013	0,042	FALSE
-0,080	0,294	-0,003	0,011	0,088	FALSE
-0,101	0,278	-0,005	0,013	0,152	FALSE
-0,096	0,273	0,000	0,011	0,003	FALSE
0,192	0,270	0,007	0,012	0,239	FALSE
0,085	0,281	0,009	0,017	0,233	FALSE

-0,164	0,270	-0,007	0,013	0,244	FALSE
0,038	0,275	0,000	0,017	0,000	FALSE
0,021	0,290	0,001	0,018	0,021	FALSE
-0,067	0,278	-0,004	0,016	0,099	FALSE
-0,241	0,277	-0,008	0,010	0,347	FALSE
-0,257	0,261	-0,013	0,017	0,366	FALSE
0,221	0,274	0,013	0,015	0,431	FALSE
-0,211	0,273	-0,010	0,017	0,266	FALSE
0,014	0,275	-0,001	0,010	0,052	FALSE
0,019	0,284	-0,001	0,011	0,029	FALSE
0,020	0,282	-0,001	0,011	0,032	FALSE
0,016	0,284	0,002	0,018	0,032	FALSE
0,220	0,271	0,015	0,016	0,472	FALSE
-0,071	0,311	-0,001	0,009	0,021	FALSE
0,126	0,287	0,008	0,017	0,211	FALSE
0,124	0,268	0,008	0,014	0,258	FALSE
0,051	0,292	0,003	0,010	0,109	FALSE
0,164	0,275	0,009	0,016	0,245	FALSE
-0,085	0,292	-0,003	0,015	0,074	FALSE
0,052	0,290	0,001	0,016	0,024	FALSE
0,064	0,277	0,003	0,016	0,066	FALSE
-0,006	0,277	0,001	0,017	0,023	FALSE
0,022	0,279	0,002	0,017	0,054	FALSE
-0,013	0,295	0,001	0,013	0,013	FALSE
0,176	0,287	0,008	0,012	0,294	FALSE
-0,148	0,271	-0,007	0,016	0,193	FALSE
-0,063	0,282	-0,002	0,010	0,071	FALSE
0,012	0,280	0,000	0,016	0,002	FALSE
0,045	0,294	0,002	0,015	0,045	FALSE
0,061	0,284	0,002	0,010	0,077	FALSE
-0,064	0,291	-0,002	0,011	0,065	FALSE
-0,056	0,286	-0,003	0,010	0,123	FALSE
-0,069	0,286	-0,002	0,008	0,093	FALSE
-0,008	0,288	0,001	0,017	0,022	FALSE
0,101	0,282	0,005	0,013	0,145	FALSE
-0,054	0,290	-0,001	0,014	0,028	FALSE
0,097	0,287	0,003	0,010	0,126	FALSE
0,161	0,276	0,006	0,011	0,225	FALSE
0,130	0,277	0,007	0,016	0,175	FALSE
0,124	0,278	0,005	0,012	0,173	FALSE
-0,048	0,299	-0,002	0,012	0,066	FALSE
-0,072	0,268	-0,003	0,012	0,087	FALSE
0,087	0,270	0,003	0,014	0,080	FALSE
0,085	0,278	0,003	0,010	0,110	FALSE
-0,200	0,273	-0,010	0,016	0,279	FALSE
0,121	0,280	0,007	0,015	0,186	FALSE
0,004	0,288	-0,001	0,015	0,012	FALSE
0,035	0,282	0,003	0,016	0,061	FALSE
0,029	0,283	0,001	0,015	0,022	FALSE
-0,056	0,278	-0,004	0,017	0,098	FALSE
-0,056	0,277	-0,004	0,016	0,081	FALSE
0,008	0,283	0,003	0,017	0,076	FALSE
0,092	0,292	0,003	0,014	0,072	FALSE

0,073	0,287	0,004	0,012	0,116	FALSE
-0,081	0,286	-0,003	0,010	0,119	FALSE
0,158	0,276	0,005	0,014	0,157	FALSE
0,124	0,300	0,009	0,018	0,215	FALSE
0,125	0,287	0,009	0,017	0,243	FALSE
-0,031	0,279	-0,002	0,011	0,087	FALSE
0,057	0,269	0,003	0,010	0,114	FALSE
0,010	0,293	0,002	0,015	0,049	FALSE
0,147	0,280	0,007	0,016	0,186	FALSE
0,024	0,294	-0,001	0,013	0,019	FALSE
0,051	0,292	0,001	0,010	0,056	FALSE
0,109	0,271	0,003	0,014	0,092	FALSE
0,147	0,282	0,005	0,011	0,164	FALSE
0,085	0,284	0,003	0,015	0,082	FALSE
0,084	0,294	0,003	0,016	0,072	FALSE
-0,100	0,283	-0,001	0,010	0,056	FALSE
0,020	0,277	0,002	0,012	0,054	FALSE
0,086	0,291	0,002	0,010	0,077	FALSE
0,049	0,276	0,000	0,009	0,019	FALSE
-0,020	0,287	-0,001	0,009	0,060	FALSE
0,110	0,264	0,004	0,015	0,099	FALSE
-0,034	0,292	-0,002	0,015	0,057	FALSE
-0,042	0,280	-0,003	0,017	0,071	FALSE
0,050	0,290	0,000	0,017	0,006	FALSE
-0,032	0,285	-0,003	0,016	0,067	FALSE
0,015	0,288	0,001	0,010	0,017	FALSE
0,124	0,289	0,005	0,013	0,143	FALSE
0,054	0,283	0,004	0,017	0,078	FALSE
0,097	0,273	0,004	0,012	0,119	FALSE
0,068	0,277	0,002	0,012	0,064	FALSE
0,054	0,288	0,003	0,010	0,130	FALSE
-0,001	0,282	0,002	0,015	0,061	FALSE
0,096	0,294	0,004	0,009	0,186	FALSE
-0,021	0,297	-0,004	0,018	0,091	FALSE
0,061	0,289	0,003	0,018	0,057	FALSE
-0,062	0,275	-0,005	0,013	0,142	FALSE
-0,105	0,278	-0,004	0,012	0,139	FALSE
0,086	0,276	0,005	0,014	0,147	FALSE
0,144	0,266	0,005	0,011	0,188	FALSE
-0,076	0,278	-0,006	0,015	0,175	FALSE
0,075	0,275	0,004	0,009	0,161	FALSE
0,013	0,300	0,000	0,012	0,009	FALSE
0,150	0,267	0,010	0,017	0,262	FALSE
-0,149	0,290	-0,005	0,013	0,161	FALSE
-0,056	0,271	-0,003	0,009	0,131	FALSE
0,089	0,278	0,001	0,009	0,049	FALSE
-0,068	0,278	-0,004	0,014	0,114	FALSE
0,158	0,282	0,006	0,013	0,175	FALSE
0,013	0,282	0,000	0,010	0,008	FALSE
0,068	0,304	0,003	0,009	0,132	FALSE
-0,194	0,275	-0,006	0,009	0,306	FALSE
-0,137	0,296	-0,005	0,011	0,188	FALSE
0,027	0,289	0,003	0,009	0,132	FALSE

-0,016	0,279	-0,003	0,015	0,087	FALSE
0,106	0,284	0,007	0,014	0,200	FALSE
-0,013	0,279	0,001	0,017	0,014	FALSE
0,026	0,286	0,002	0,018	0,051	FALSE
0,036	0,280	0,003	0,017	0,064	FALSE
0,122	0,287	0,006	0,011	0,227	FALSE
0,126	0,289	0,004	0,011	0,147	FALSE
0,127	0,274	0,004	0,011	0,141	FALSE
0,021	0,292	0,001	0,009	0,035	FALSE
-0,112	0,285	-0,004	0,011	0,155	FALSE
-0,106	0,290	-0,002	0,010	0,061	FALSE
-0,029	0,278	-0,001	0,009	0,049	FALSE
0,114	0,275	0,002	0,009	0,077	FALSE
0,113	0,274	0,001	0,009	0,059	FALSE
0,085	0,278	0,003	0,012	0,104	FALSE
0,067	0,291	0,002	0,013	0,073	FALSE
0,066	0,280	0,000	0,016	0,006	FALSE
0,034	0,291	0,001	0,012	0,019	FALSE
0,079	0,273	0,005	0,014	0,149	FALSE
0,017	0,294	0,000	0,010	0,017	FALSE
-0,011	0,287	-0,001	0,014	0,038	FALSE
-0,123	0,300	-0,005	0,014	0,151	FALSE
0,060	0,292	0,003	0,010	0,107	FALSE
-0,106	0,292	-0,003	0,011	0,097	FALSE
0,013	0,288	0,002	0,015	0,051	FALSE
0,050	0,276	0,001	0,009	0,024	FALSE
0,008	0,290	0,000	0,011	0,007	FALSE
0,092	0,276	0,006	0,012	0,191	FALSE
-0,130	0,274	-0,003	0,008	0,164	FALSE
-0,013	0,278	0,000	0,010	0,003	FALSE
-0,054	0,283	-0,001	0,008	0,062	FALSE
-0,069	0,275	-0,003	0,015	0,067	FALSE
0,070	0,286	0,002	0,012	0,048	FALSE
-0,227	0,277	-0,008	0,014	0,255	FALSE
0,024	0,278	0,001	0,009	0,044	FALSE
0,021	0,302	0,000	0,012	0,011	FALSE
-0,114	0,291	-0,004	0,012	0,140	FALSE
-0,059	0,273	-0,005	0,014	0,139	FALSE
-0,010	0,285	-0,001	0,009	0,060	FALSE
-0,017	0,285	0,000	0,009	0,012	FALSE
0,105	0,280	0,003	0,013	0,087	FALSE
0,095	0,296	0,003	0,010	0,141	FALSE
-0,001	0,283	0,000	0,014	0,010	FALSE
0,134	0,268	0,005	0,013	0,154	FALSE
0,074	0,276	0,005	0,015	0,128	FALSE
-0,058	0,297	-0,005	0,017	0,119	FALSE
-0,068	0,294	-0,007	0,018	0,145	FALSE
0,040	0,275	0,004	0,016	0,096	FALSE
-0,021	0,294	0,000	0,016	0,010	FALSE
-0,046	0,286	-0,002	0,015	0,050	FALSE
0,070	0,286	0,004	0,016	0,108	FALSE
0,062	0,285	0,001	0,011	0,049	FALSE
0,098	0,258	0,002	0,011	0,086	FALSE

0,248	0,277	0,007	0,009	0,362	FALSE
-0,095	0,276	-0,001	0,018	0,022	FALSE
0,127	0,259	0,003	0,017	0,056	FALSE
-0,070	0,295	-0,002	0,017	0,047	FALSE
-0,107	0,285	-0,005	0,017	0,116	FALSE
-0,124	0,287	-0,006	0,016	0,148	FALSE
-0,097	0,284	-0,004	0,009	0,178	FALSE
-0,016	0,272	-0,001	0,015	0,026	FALSE
-0,150	0,272	-0,007	0,014	0,211	FALSE
0,038	0,281	0,000	0,017	0,001	FALSE
0,023	0,280	-0,001	0,017	0,029	FALSE
-0,008	0,284	0,002	0,017	0,034	FALSE
-0,018	0,270	0,001	0,016	0,021	FALSE
0,028	0,299	0,000	0,012	0,003	FALSE
-0,185	0,291	-0,012	0,017	0,310	FALSE
-0,121	0,294	-0,009	0,017	0,217	FALSE
0,265	0,269	0,012	0,018	0,308	FALSE
-0,222	0,280	-0,010	0,016	0,261	FALSE
-0,037	0,274	-0,001	0,010	0,041	FALSE
-0,017	0,297	0,000	0,010	0,015	FALSE
-0,094	0,286	-0,004	0,011	0,129	FALSE
0,049	0,282	0,003	0,017	0,070	FALSE
0,134	0,291	0,004	0,010	0,151	FALSE
-0,056	0,293	0,000	0,015	0,008	FALSE
0,056	0,290	0,001	0,014	0,025	FALSE
0,004	0,297	-0,002	0,018	0,049	FALSE
0,034	0,291	0,004	0,018	0,082	FALSE
0,118	0,280	0,004	0,011	0,168	FALSE
-0,036	0,268	-0,006	0,016	0,155	FALSE
-0,017	0,287	-0,002	0,016	0,044	FALSE
-0,148	0,295	-0,007	0,012	0,264	FALSE
0,013	0,287	0,001	0,011	0,026	FALSE
0,031	0,292	0,002	0,011	0,071	FALSE
-0,020	0,276	0,000	0,017	0,007	FALSE
0,150	0,265	0,004	0,010	0,179	FALSE
-0,110	0,280	-0,003	0,011	0,095	FALSE
0,043	0,275	0,001	0,010	0,051	FALSE
0,104	0,286	0,004	0,011	0,137	FALSE
0,006	0,266	-0,001	0,008	0,037	FALSE
0,025	0,292	0,003	0,014	0,083	FALSE
-0,011	0,292	0,000	0,013	0,003	FALSE
0,143	0,272	0,008	0,013	0,271	FALSE
-0,006	0,289	0,000	0,011	0,015	FALSE
0,267	0,268	0,009	0,010	0,427	FALSE
-0,267	0,250	-0,012	0,013	0,436	FALSE
0,087	0,285	0,005	0,015	0,133	FALSE
0,071	0,292	0,003	0,011	0,114	FALSE
0,221	0,266	0,009	0,014	0,298	FALSE
0,014	0,294	0,000	0,018	0,003	FALSE
-0,005	0,286	-0,001	0,014	0,016	FALSE
0,170	0,270	0,005	0,009	0,247	FALSE
0,156	0,279	0,005	0,009	0,217	FALSE
-0,058	0,276	-0,002	0,012	0,079	FALSE

0,186	0,275	0,010	0,015	0,299	FALSE
0,011	0,275	-0,001	0,011	0,027	FALSE
0,035	0,285	0,001	0,009	0,033	FALSE
-0,152	0,264	-0,011	0,016	0,285	FALSE
-0,028	0,304	-0,002	0,018	0,042	FALSE
-0,011	0,291	-0,001	0,017	0,013	FALSE
-0,049	0,297	-0,001	0,010	0,048	FALSE
-0,053	0,283	-0,002	0,011	0,055	FALSE
0,031	0,285	0,002	0,009	0,074	FALSE
-0,034	0,287	0,000	0,013	0,012	FALSE
-0,077	0,289	-0,003	0,016	0,068	FALSE
-0,215	0,284	-0,013	0,019	0,325	FALSE
-0,005	0,284	-0,002	0,013	0,043	FALSE
-0,077	0,286	-0,005	0,017	0,108	FALSE
-0,055	0,290	-0,001	0,015	0,023	FALSE
-0,047	0,279	0,000	0,012	0,012	FALSE
-0,019	0,264	-0,002	0,017	0,037	FALSE
0,047	0,274	0,004	0,012	0,127	FALSE
-0,086	0,283	-0,002	0,011	0,085	FALSE
-0,050	0,278	-0,002	0,017	0,048	FALSE
0,120	0,267	0,006	0,015	0,151	FALSE
0,113	0,277	0,006	0,015	0,172	FALSE
0,206	0,260	0,007	0,011	0,297	FALSE
-0,080	0,273	-0,002	0,017	0,039	FALSE
0,227	0,265	0,012	0,017	0,313	FALSE
0,049	0,252	0,002	0,014	0,049	FALSE
-0,072	0,299	-0,002	0,010	0,089	FALSE
0,099	0,286	0,006	0,018	0,126	FALSE
-0,049	0,286	-0,003	0,015	0,071	FALSE
-0,006	0,301	0,002	0,011	0,072	FALSE
-0,049	0,268	-0,003	0,014	0,072	FALSE
-0,017	0,287	-0,001	0,012	0,046	FALSE
0,073	0,292	0,004	0,015	0,105	FALSE
0,046	0,287	0,002	0,010	0,072	FALSE
0,076	0,290	0,003	0,010	0,136	FALSE
-0,088	0,284	-0,004	0,010	0,150	FALSE
-0,075	0,273	-0,003	0,014	0,084	FALSE
0,193	0,256	0,007	0,017	0,159	FALSE
-0,039	0,289	-0,004	0,013	0,110	FALSE
0,283	0,255	0,012	0,016	0,332	FALSE
-0,098	0,292	-0,001	0,018	0,023	FALSE
-0,054	0,277	-0,002	0,012	0,075	FALSE
0,092	0,281	0,003	0,010	0,103	FALSE
0,024	0,277	0,002	0,017	0,034	FALSE
-0,059	0,293	-0,001	0,013	0,035	FALSE
-0,076	0,268	-0,005	0,015	0,130	FALSE
-0,050	0,289	-0,001	0,010	0,048	FALSE
-0,078	0,292	-0,005	0,018	0,103	FALSE
-0,039	0,296	-0,002	0,017	0,051	FALSE
-0,029	0,280	0,000	0,009	0,017	FALSE
0,069	0,299	0,004	0,014	0,095	FALSE
0,084	0,286	0,002	0,013	0,072	FALSE
-0,114	0,278	-0,003	0,009	0,129	FALSE

-0,032	0,299	0,001	0,012	0,030	FALSE
0,093	0,292	0,003	0,009	0,135	FALSE
0,027	0,282	0,004	0,017	0,081	FALSE
-0,065	0,290	-0,002	0,009	0,084	FALSE
-0,025	0,299	-0,001	0,013	0,036	FALSE
-0,046	0,287	-0,003	0,017	0,065	FALSE
-0,049	0,278	-0,003	0,010	0,097	FALSE
-0,050	0,287	-0,003	0,013	0,093	FALSE
-0,079	0,289	-0,001	0,009	0,044	FALSE
0,103	0,294	0,004	0,017	0,081	FALSE
0,072	0,292	0,002	0,017	0,042	FALSE
0,121	0,289	0,004	0,009	0,172	FALSE
-0,064	0,288	-0,003	0,018	0,061	FALSE
0,041	0,274	0,001	0,012	0,019	FALSE
0,007	0,271	-0,001	0,009	0,020	FALSE
-0,002	0,282	-0,001	0,010	0,024	FALSE
-0,076	0,284	-0,006	0,016	0,143	FALSE
-0,015	0,288	-0,001	0,011	0,019	FALSE
0,025	0,276	0,003	0,014	0,069	FALSE
0,153	0,286	0,007	0,016	0,188	FALSE
-0,054	0,277	-0,001	0,010	0,041	FALSE
-0,114	0,296	-0,003	0,009	0,130	FALSE
-0,020	0,280	0,000	0,016	0,006	FALSE
0,033	0,291	0,003	0,013	0,076	FALSE
0,135	0,272	0,009	0,016	0,240	FALSE
-0,040	0,281	-0,003	0,016	0,065	FALSE
0,008	0,288	0,000	0,017	0,002	FALSE
-0,121	0,288	-0,006	0,018	0,133	FALSE
0,156	0,280	0,008	0,017	0,194	FALSE
-0,048	0,274	0,000	0,012	0,011	FALSE
-0,150	0,283	-0,011	0,017	0,289	FALSE
-0,013	0,288	-0,003	0,017	0,075	FALSE
0,076	0,288	0,006	0,017	0,148	FALSE
-0,018	0,290	-0,003	0,017	0,055	FALSE
-0,010	0,284	0,000	0,018	0,006	FALSE
0,049	0,284	0,002	0,018	0,045	FALSE
-0,137	0,292	-0,007	0,015	0,200	FALSE
-0,032	0,291	-0,001	0,010	0,021	FALSE
0,056	0,268	0,005	0,015	0,138	FALSE
-0,104	0,278	-0,002	0,013	0,068	FALSE
-0,051	0,285	-0,001	0,011	0,043	FALSE
0,157	0,277	0,009	0,018	0,194	FALSE
0,009	0,293	0,000	0,017	0,001	FALSE
0,043	0,279	0,002	0,017	0,051	FALSE
-0,039	0,278	-0,002	0,009	0,067	FALSE
-0,118	0,293	-0,004	0,010	0,180	FALSE
0,135	0,272	0,005	0,014	0,146	FALSE
0,163	0,293	0,005	0,011	0,175	FALSE
-0,063	0,276	-0,004	0,015	0,092	FALSE
0,058	0,293	0,001	0,016	0,027	FALSE
-0,174	0,276	-0,010	0,015	0,290	FALSE
-0,086	0,279	-0,002	0,010	0,064	FALSE
-0,182	0,275	-0,006	0,013	0,182	FALSE

0,102	0,278	0,002	0,009	0,083	FALSE
0,083	0,290	0,002	0,010	0,058	FALSE
0,090	0,296	0,002	0,009	0,072	FALSE
0,211	0,269	0,008	0,011	0,314	FALSE
0,254	0,261	0,008	0,009	0,394	FALSE
0,022	0,295	0,001	0,011	0,033	FALSE
-0,230	0,281	-0,009	0,015	0,270	FALSE
-0,056	0,278	-0,001	0,009	0,061	FALSE
-0,048	0,281	-0,004	0,016	0,090	FALSE
-0,046	0,298	-0,002	0,018	0,039	FALSE
-0,108	0,273	-0,004	0,009	0,200	FALSE
0,017	0,266	0,001	0,009	0,033	FALSE
-0,116	0,275	-0,006	0,012	0,206	FALSE
0,056	0,276	0,001	0,008	0,050	FALSE
-0,025	0,284	0,002	0,013	0,055	FALSE
-0,001	0,270	0,001	0,013	0,027	FALSE
0,084	0,264	0,007	0,017	0,172	FALSE
-0,028	0,292	0,000	0,018	0,009	FALSE
-0,072	0,295	-0,002	0,015	0,045	FALSE
-0,071	0,294	-0,002	0,015	0,055	FALSE
-0,005	0,286	0,000	0,010	0,004	FALSE
0,094	0,294	0,004	0,010	0,154	FALSE
-0,048	0,273	-0,001	0,011	0,034	FALSE
-0,039	0,276	-0,002	0,011	0,053	FALSE
-0,001	0,276	-0,002	0,013	0,054	FALSE
-0,182	0,289	-0,006	0,011	0,216	FALSE
-0,048	0,290	-0,003	0,016	0,079	FALSE
0,110	0,288	0,006	0,011	0,239	FALSE
0,126	0,284	0,006	0,012	0,237	FALSE
-0,055	0,283	0,001	0,015	0,013	FALSE
-0,091	0,303	-0,007	0,018	0,167	FALSE
0,033	0,280	0,001	0,008	0,021	FALSE
-0,045	0,284	-0,001	0,010	0,053	FALSE
0,060	0,300	0,004	0,009	0,158	FALSE
-0,037	0,289	-0,001	0,011	0,033	FALSE
-0,106	0,293	-0,002	0,010	0,075	FALSE
0,034	0,279	0,004	0,017	0,077	FALSE
-0,025	0,300	-0,002	0,014	0,051	FALSE
-0,112	0,290	-0,005	0,012	0,190	FALSE
0,043	0,275	0,002	0,011	0,068	FALSE
0,137	0,303	0,008	0,017	0,199	FALSE
-0,095	0,291	-0,003	0,009	0,123	FALSE
0,010	0,271	0,003	0,014	0,082	FALSE
0,056	0,275	0,005	0,015	0,142	FALSE
0,059	0,291	0,002	0,009	0,066	FALSE
-0,069	0,294	-0,002	0,010	0,064	FALSE
-0,183	0,267	-0,013	0,015	0,414	FALSE
-0,021	0,279	0,000	0,009	0,010	FALSE
0,004	0,284	0,001	0,010	0,033	FALSE
-0,065	0,292	-0,001	0,011	0,043	FALSE
0,004	0,286	0,002	0,009	0,078	FALSE
-0,075	0,294	-0,003	0,013	0,088	FALSE
-0,091	0,281	-0,004	0,017	0,096	FALSE

-0,116	0,298	-0,003	0,009	0,111	FALSE
0,049	0,284	0,000	0,012	0,005	FALSE
-0,062	0,296	-0,005	0,015	0,118	FALSE
-0,076	0,282	-0,005	0,014	0,145	FALSE
-0,068	0,296	-0,005	0,017	0,115	FALSE
0,056	0,281	0,002	0,009	0,080	FALSE
0,132	0,282	0,004	0,009	0,188	FALSE
-0,028	0,295	-0,001	0,016	0,031	FALSE
-0,005	0,283	0,000	0,008	0,005	FALSE
-0,066	0,281	-0,001	0,014	0,022	FALSE
-0,133	0,273	-0,004	0,014	0,112	FALSE
-0,084	0,270	-0,007	0,016	0,187	FALSE
-0,057	0,283	-0,002	0,017	0,038	FALSE
0,134	0,274	0,007	0,017	0,170	FALSE
-0,086	0,284	-0,004	0,017	0,090	FALSE
0,081	0,297	0,004	0,016	0,082	FALSE
-0,071	0,283	-0,004	0,012	0,135	FALSE
-0,131	0,290	-0,003	0,010	0,129	FALSE
-0,042	0,292	0,000	0,015	0,009	FALSE
-0,010	0,305	-0,002	0,018	0,043	FALSE
-0,042	0,286	-0,005	0,018	0,117	FALSE
0,044	0,290	0,003	0,014	0,087	FALSE
-0,010	0,288	0,000	0,017	0,007	FALSE
-0,049	0,302	-0,002	0,010	0,065	FALSE
0,026	0,291	0,001	0,009	0,051	FALSE
0,046	0,285	0,002	0,016	0,056	FALSE
0,039	0,293	0,003	0,016	0,061	FALSE
0,106	0,287	0,006	0,015	0,156	FALSE
0,066	0,295	0,006	0,016	0,145	FALSE
-0,131	0,289	-0,005	0,011	0,181	FALSE
0,085	0,285	0,005	0,017	0,109	FALSE
0,017	0,292	0,001	0,015	0,017	FALSE
0,016	0,289	0,001	0,016	0,016	FALSE
-0,013	0,284	0,002	0,015	0,047	FALSE
-0,078	0,275	-0,001	0,015	0,028	FALSE
-0,085	0,283	-0,002	0,015	0,051	FALSE
0,168	0,275	0,005	0,012	0,187	FALSE
0,071	0,285	0,002	0,013	0,066	FALSE
0,155	0,288	0,005	0,013	0,167	FALSE
0,051	0,288	0,002	0,010	0,073	FALSE
0,128	0,295	0,004	0,012	0,152	FALSE
0,104	0,297	0,005	0,015	0,123	FALSE
0,224	0,278	0,012	0,014	0,397	FALSE
-0,108	0,282	-0,005	0,012	0,174	FALSE
0,145	0,277	0,006	0,011	0,214	FALSE
-0,007	0,282	0,000	0,013	0,001	FALSE
0,104	0,281	0,001	0,014	0,035	FALSE
0,169	0,257	0,008	0,016	0,195	FALSE
0,226	0,268	0,011	0,017	0,278	FALSE
0,134	0,277	0,005	0,016	0,132	TRUE
0,157	0,285	0,005	0,016	0,138	FALSE
0,150	0,288	0,004	0,011	0,143	FALSE
0,043	0,266	0,003	0,013	0,078	FALSE

-0,035	0,279	-0,002	0,016	0,045	FALSE
-0,052	0,262	-0,002	0,016	0,041	FALSE
-0,091	0,278	-0,005	0,017	0,112	FALSE
-0,099	0,278	-0,005	0,017	0,112	FALSE
0,066	0,283	0,001	0,009	0,052	FALSE
0,043	0,277	0,001	0,010	0,029	FALSE
-0,009	0,285	-0,001	0,013	0,035	FALSE
0,150	0,292	0,006	0,010	0,251	FALSE
-0,060	0,287	-0,004	0,016	0,109	FALSE
-0,036	0,303	-0,004	0,015	0,098	FALSE
0,012	0,279	-0,001	0,015	0,026	FALSE
0,056	0,275	0,003	0,014	0,064	FALSE
-0,032	0,288	-0,002	0,011	0,050	FALSE
0,027	0,284	0,001	0,010	0,033	FALSE
0,045	0,307	0,003	0,010	0,104	FALSE
-0,019	0,293	-0,002	0,013	0,060	FALSE
0,159	0,271	0,007	0,010	0,296	FALSE
-0,083	0,279	-0,005	0,011	0,202	FALSE
0,054	0,294	0,002	0,017	0,051	FALSE
-0,127	0,286	-0,005	0,018	0,105	FALSE
0,014	0,293	0,001	0,013	0,018	FALSE
-0,012	0,286	-0,001	0,011	0,034	FALSE
-0,105	0,290	-0,003	0,012	0,112	FALSE
-0,093	0,280	-0,005	0,015	0,117	FALSE
0,175	0,270	0,008	0,014	0,230	FALSE
0,194	0,281	0,008	0,014	0,230	FALSE
0,176	0,288	0,007	0,011	0,280	FALSE
0,013	0,289	0,000	0,010	0,010	FALSE
-0,019	0,289	0,000	0,016	0,007	FALSE
-0,181	0,276	-0,006	0,010	0,261	FALSE
-0,221	0,282	-0,011	0,014	0,372	FALSE
-0,142	0,281	-0,008	0,017	0,190	FALSE
0,138	0,283	0,007	0,017	0,165	FALSE
0,109	0,304	0,005	0,011	0,163	FALSE
0,152	0,284	0,006	0,012	0,190	FALSE
-0,146	0,278	-0,004	0,010	0,173	FALSE
-0,105	0,289	-0,004	0,010	0,156	FALSE
-0,142	0,281	-0,004	0,010	0,162	FALSE
-0,040	0,281	0,000	0,015	0,009	FALSE
0,084	0,291	0,003	0,016	0,079	FALSE
-0,076	0,288	-0,002	0,010	0,081	FALSE
-0,064	0,299	-0,002	0,010	0,064	FALSE
-0,067	0,272	-0,002	0,014	0,052	FALSE
0,173	0,288	0,004	0,010	0,154	FALSE
-0,056	0,280	-0,004	0,018	0,091	FALSE
0,084	0,280	0,003	0,013	0,072	FALSE
-0,200	0,279	-0,007	0,012	0,248	FALSE
0,212	0,269	0,007	0,010	0,300	FALSE
0,060	0,273	0,002	0,014	0,050	FALSE
0,059	0,280	0,001	0,015	0,037	FALSE
0,115	0,288	0,007	0,014	0,211	FALSE
-0,197	0,274	-0,008	0,011	0,331	FALSE
-0,048	0,291	-0,002	0,011	0,067	FALSE

0,029	0,289	0,001	0,009	0,036	FALSE
-0,028	0,282	-0,001	0,010	0,040	FALSE
-0,028	0,273	-0,002	0,011	0,051	FALSE
-0,104	0,273	-0,005	0,012	0,163	FALSE
0,066	0,276	0,001	0,009	0,048	FALSE
-0,087	0,294	-0,002	0,010	0,080	FALSE
-0,062	0,275	-0,002	0,011	0,064	FALSE
0,150	0,280	0,005	0,012	0,165	FALSE
0,094	0,296	0,004	0,015	0,105	FALSE
-0,095	0,282	-0,003	0,009	0,107	FALSE
-0,076	0,301	-0,002	0,011	0,058	FALSE
0,155	0,298	0,007	0,015	0,191	FALSE
0,090	0,283	0,004	0,012	0,113	FALSE
0,033	0,291	0,002	0,015	0,040	FALSE
-0,017	0,293	0,000	0,014	0,010	FALSE
-0,162	0,293	-0,005	0,010	0,229	FALSE
0,103	0,277	0,006	0,015	0,155	FALSE
-0,052	0,285	-0,002	0,012	0,075	FALSE
-0,005	0,278	-0,002	0,013	0,062	FALSE
-0,198	0,287	-0,007	0,009	0,313	FALSE
-0,021	0,293	0,001	0,010	0,023	FALSE
-0,109	0,277	-0,008	0,016	0,203	FALSE
0,043	0,274	0,001	0,012	0,016	FALSE
0,036	0,274	0,001	0,011	0,032	FALSE
0,013	0,273	0,000	0,009	0,005	FALSE
0,056	0,272	0,001	0,010	0,035	FALSE
-0,273	0,273	-0,014	0,016	0,417	TRUE
-0,140	0,289	-0,005	0,010	0,212	FALSE
0,104	0,284	0,003	0,013	0,088	FALSE
-0,204	0,280	-0,008	0,012	0,312	FALSE
-0,121	0,284	-0,004	0,015	0,094	FALSE
0,141	0,266	0,005	0,011	0,176	FALSE
-0,125	0,276	-0,005	0,017	0,119	FALSE
0,083	0,281	0,003	0,012	0,100	FALSE
0,128	0,282	0,003	0,009	0,131	FALSE
0,104	0,278	0,008	0,017	0,182	FALSE
0,103	0,282	0,007	0,017	0,159	FALSE
0,107	0,276	0,007	0,016	0,170	FALSE
-0,138	0,286	-0,007	0,012	0,231	FALSE
0,159	0,274	0,007	0,013	0,245	FALSE
-0,014	0,266	-0,002	0,014	0,056	FALSE
-0,143	0,264	-0,006	0,013	0,215	FALSE
-0,124	0,272	-0,006	0,013	0,190	FALSE
-0,067	0,263	-0,004	0,014	0,121	FALSE
0,052	0,281	0,006	0,015	0,159	FALSE
-0,096	0,278	-0,003	0,009	0,141	FALSE
0,045	0,262	0,004	0,012	0,122	FALSE
0,054	0,288	0,003	0,017	0,062	FALSE
0,007	0,287	-0,001	0,016	0,033	FALSE
-0,145	0,279	-0,006	0,012	0,189	FALSE
-0,150	0,288	-0,007	0,012	0,249	FALSE
0,109	0,279	0,005	0,012	0,185	FALSE
-0,095	0,295	-0,005	0,015	0,120	FALSE

-0,077	0,284	-0,004	0,015	0,100	FALSE
-0,028	0,291	-0,002	0,015	0,051	FALSE
-0,113	0,286	-0,002	0,009	0,080	FALSE
0,032	0,298	0,001	0,011	0,025	FALSE
-0,122	0,275	-0,006	0,014	0,170	FALSE
-0,182	0,275	-0,007	0,013	0,216	FALSE
-0,016	0,287	-0,001	0,010	0,043	FALSE
-0,062	0,285	-0,002	0,009	0,099	FALSE
0,137	0,282	0,005	0,016	0,131	FALSE
-0,018	0,286	0,000	0,017	0,001	FALSE
-0,168	0,292	-0,009	0,015	0,270	FALSE
0,041	0,276	0,002	0,011	0,067	FALSE
0,017	0,286	0,001	0,011	0,023	FALSE
0,141	0,263	0,004	0,010	0,169	FALSE
-0,038	0,281	-0,004	0,018	0,076	FALSE
-0,071	0,294	-0,003	0,017	0,073	FALSE
0,121	0,289	0,007	0,014	0,208	FALSE
-0,030	0,281	-0,003	0,017	0,058	FALSE
0,037	0,284	0,003	0,016	0,070	FALSE
0,057	0,296	0,004	0,017	0,078	FALSE
0,375	0,248	0,012	0,010	0,653	FALSE
-0,053	0,292	-0,003	0,017	0,062	FALSE
0,326	0,258	0,010	0,010	0,507	FALSE
0,077	0,279	0,003	0,009	0,113	FALSE
0,028	0,283	-0,002	0,014	0,041	FALSE
0,058	0,272	0,000	0,013	0,006	FALSE
0,072	0,275	0,002	0,013	0,044	FALSE
-0,081	0,275	-0,004	0,011	0,151	FALSE
0,058	0,276	0,006	0,018	0,129	FALSE
-0,131	0,292	-0,004	0,011	0,156	FALSE
-0,052	0,306	-0,003	0,013	0,089	FALSE
0,136	0,297	0,006	0,018	0,136	FALSE
0,039	0,293	0,001	0,012	0,039	FALSE
0,208	0,264	0,007	0,010	0,305	FALSE
0,068	0,290	0,003	0,011	0,095	FALSE
-0,099	0,277	-0,004	0,009	0,162	FALSE
-0,085	0,301	-0,001	0,009	0,032	FALSE
-0,011	0,287	0,001	0,014	0,015	FALSE
-0,075	0,299	0,000	0,009	0,017	FALSE
0,167	0,268	0,005	0,015	0,137	FALSE
0,204	0,269	0,006	0,011	0,259	FALSE
0,046	0,263	0,002	0,013	0,049	FALSE
0,064	0,270	0,001	0,013	0,040	FALSE
0,111	0,280	0,004	0,012	0,129	FALSE
0,088	0,285	0,003	0,011	0,105	FALSE
0,089	0,286	0,003	0,011	0,103	FALSE
0,001	0,280	0,001	0,012	0,027	FALSE
-0,047	0,285	-0,002	0,017	0,045	FALSE
0,100	0,285	0,004	0,012	0,132	FALSE
-0,076	0,288	-0,004	0,012	0,132	FALSE
-0,065	0,267	-0,007	0,016	0,185	FALSE
0,145	0,286	0,009	0,015	0,240	FALSE
0,100	0,281	0,007	0,015	0,190	FALSE

-0,067	0,267	-0,005	0,016	0,115	FALSE
-0,063	0,295	-0,003	0,018	0,070	FALSE
0,052	0,280	0,002	0,017	0,045	FALSE
0,140	0,275	0,005	0,013	0,163	FALSE
-0,098	0,292	-0,004	0,017	0,096	FALSE
0,100	0,279	0,004	0,010	0,148	FALSE
0,026	0,284	0,001	0,012	0,035	FALSE
-0,048	0,280	-0,001	0,009	0,040	FALSE
0,070	0,288	0,002	0,009	0,078	FALSE
0,152	0,288	0,008	0,018	0,184	FALSE
-0,180	0,289	-0,006	0,009	0,276	FALSE
-0,012	0,270	-0,001	0,008	0,033	FALSE
0,108	0,300	0,006	0,016	0,136	FALSE
0,077	0,269	0,002	0,009	0,088	FALSE
-0,027	0,297	0,000	0,010	0,012	FALSE
-0,111	0,280	-0,008	0,015	0,233	FALSE
0,003	0,281	0,000	0,010	0,009	FALSE
-0,102	0,291	-0,002	0,015	0,053	FALSE
-0,010	0,289	-0,001	0,010	0,038	FALSE
-0,044	0,275	-0,002	0,014	0,064	FALSE
-0,102	0,292	-0,002	0,015	0,062	FALSE
-0,057	0,273	-0,003	0,012	0,106	FALSE
0,147	0,281	0,007	0,018	0,170	FALSE
-0,132	0,280	-0,008	0,017	0,192	FALSE
0,045	0,276	-0,003	0,017	0,059	FALSE
-0,029	0,277	-0,001	0,009	0,058	FALSE
0,014	0,292	0,000	0,014	0,002	FALSE
-0,022	0,284	-0,001	0,009	0,049	FALSE
-0,101	0,291	-0,003	0,010	0,142	FALSE
-0,089	0,288	-0,003	0,009	0,129	FALSE
-0,187	0,290	-0,010	0,017	0,255	FALSE
0,149	0,267	0,006	0,012	0,202	FALSE
-0,087	0,283	-0,002	0,015	0,049	FALSE
0,074	0,275	0,003	0,010	0,115	FALSE
-0,020	0,293	-0,002	0,017	0,032	FALSE
-0,154	0,284	-0,007	0,013	0,224	FALSE
-0,006	0,282	0,000	0,009	0,001	FALSE
0,095	0,280	0,006	0,016	0,146	FALSE
0,030	0,277	0,000	0,009	0,009	FALSE
-0,065	0,280	0,000	0,012	0,013	FALSE
0,169	0,266	0,005	0,010	0,186	FALSE
-0,013	0,289	0,002	0,018	0,048	FALSE
-0,163	0,283	-0,003	0,010	0,132	FALSE
-0,067	0,293	-0,002	0,012	0,047	FALSE
0,012	0,285	0,001	0,016	0,026	FALSE
0,048	0,279	0,002	0,010	0,078	FALSE
-0,051	0,300	-0,001	0,011	0,043	FALSE
-0,012	0,293	-0,001	0,017	0,016	FALSE
-0,002	0,293	0,000	0,017	0,006	FALSE
0,013	0,285	0,000	0,009	0,001	FALSE
0,011	0,293	0,001	0,014	0,018	FALSE
0,045	0,290	0,002	0,014	0,047	FALSE
-0,033	0,289	-0,001	0,012	0,044	FALSE

-0,048	0,275	0,000	0,017	0,003	FALSE
-0,019	0,282	-0,002	0,012	0,054	FALSE
0,048	0,288	0,003	0,015	0,073	FALSE
0,104	0,277	0,006	0,010	0,238	FALSE
-0,108	0,296	-0,002	0,011	0,078	FALSE
-0,130	0,286	-0,003	0,010	0,118	FALSE
0,068	0,277	0,003	0,016	0,062	FALSE
0,043	0,284	0,003	0,013	0,077	FALSE
-0,164	0,294	-0,004	0,009	0,173	FALSE
0,135	0,280	0,004	0,011	0,152	FALSE
0,139	0,292	0,008	0,019	0,180	FALSE
0,176	0,266	0,004	0,009	0,185	FALSE
0,041	0,277	0,004	0,012	0,129	FALSE
-0,052	0,296	-0,003	0,012	0,082	FALSE
-0,003	0,276	0,000	0,011	0,008	FALSE
-0,143	0,279	-0,005	0,013	0,168	FALSE
-0,095	0,280	-0,004	0,013	0,114	FALSE
0,070	0,278	0,004	0,014	0,103	FALSE
-0,113	0,280	-0,005	0,018	0,117	FALSE
0,212	0,267	0,013	0,015	0,414	FALSE
0,008	0,283	0,000	0,013	0,004	FALSE
0,002	0,291	0,000	0,013	0,012	FALSE
0,008	0,283	0,003	0,014	0,072	FALSE
-0,156	0,276	-0,007	0,013	0,221	FALSE
0,025	0,286	0,001	0,014	0,034	FALSE
-0,170	0,283	-0,004	0,009	0,170	FALSE
-0,077	0,279	-0,004	0,011	0,140	FALSE
0,007	0,290	0,000	0,016	0,008	FALSE
0,164	0,280	0,004	0,009	0,170	FALSE
0,058	0,287	0,005	0,017	0,115	FALSE
-0,068	0,286	-0,005	0,018	0,111	FALSE
0,008	0,274	0,000	0,015	0,001	FALSE
0,029	0,288	0,002	0,012	0,081	FALSE
-0,014	0,291	0,000	0,012	0,001	FALSE
0,211	0,283	0,006	0,011	0,230	FALSE
0,009	0,283	0,002	0,012	0,063	FALSE
0,029	0,299	0,001	0,015	0,019	FALSE
-0,002	0,296	-0,001	0,012	0,017	FALSE
-0,090	0,279	-0,005	0,016	0,133	FALSE
0,071	0,295	0,005	0,015	0,119	FALSE
0,099	0,287	0,005	0,011	0,180	FALSE
0,044	0,278	0,001	0,011	0,021	FALSE
0,024	0,285	0,002	0,012	0,047	FALSE
0,063	0,275	0,002	0,009	0,077	FALSE
0,007	0,266	-0,002	0,011	0,055	FALSE
0,087	0,290	0,002	0,011	0,074	FALSE
-0,205	0,274	-0,012	0,016	0,320	FALSE
-0,163	0,262	-0,004	0,010	0,178	FALSE
-0,014	0,285	0,001	0,009	0,034	FALSE
0,067	0,277	0,002	0,009	0,068	FALSE
-0,022	0,297	-0,003	0,015	0,067	FALSE
0,042	0,292	0,001	0,012	0,045	FALSE
0,009	0,283	0,000	0,011	0,016	FALSE

-0,101	0,283	-0,003	0,010	0,100	FALSE
0,030	0,299	-0,001	0,018	0,021	FALSE
-0,046	0,284	-0,001	0,010	0,045	FALSE
0,050	0,282	0,003	0,012	0,100	FALSE
0,128	0,274	0,003	0,009	0,151	FALSE
-0,151	0,267	-0,005	0,011	0,186	FALSE
-0,181	0,276	-0,005	0,010	0,225	FALSE
0,178	0,268	0,006	0,011	0,220	FALSE
-0,023	0,279	0,000	0,014	0,008	FALSE
-0,161	0,277	-0,004	0,009	0,214	FALSE
-0,093	0,260	-0,008	0,015	0,226	FALSE
0,086	0,295	0,005	0,011	0,167	FALSE
0,019	0,289	0,001	0,010	0,020	FALSE
0,043	0,291	0,001	0,012	0,037	FALSE
-0,011	0,288	-0,001	0,009	0,042	FALSE
0,270	0,252	0,006	0,008	0,353	FALSE
0,024	0,281	0,003	0,017	0,053	FALSE
-0,033	0,277	-0,002	0,008	0,071	FALSE
-0,086	0,274	-0,010	0,017	0,249	FALSE
-0,099	0,259	-0,010	0,017	0,251	FALSE
-0,027	0,274	-0,001	0,009	0,044	FALSE
-0,080	0,261	-0,005	0,016	0,128	FALSE
0,113	0,300	0,005	0,014	0,131	FALSE
-0,047	0,287	-0,003	0,011	0,088	FALSE
0,169	0,275	0,007	0,015	0,206	FALSE
0,104	0,285	0,002	0,009	0,097	FALSE
0,133	0,276	0,005	0,010	0,181	FALSE
-0,196	0,279	-0,009	0,017	0,224	FALSE
0,184	0,276	0,010	0,017	0,273	FALSE
-0,068	0,286	-0,002	0,010	0,069	FALSE
-0,075	0,282	-0,002	0,014	0,065	FALSE
0,043	0,280	0,002	0,013	0,052	FALSE
0,019	0,291	0,002	0,010	0,077	FALSE
-0,090	0,289	-0,006	0,018	0,130	FALSE
0,006	0,275	-0,001	0,016	0,016	FALSE
-0,026	0,284	-0,002	0,016	0,037	FALSE
-0,089	0,294	-0,005	0,016	0,120	FALSE
-0,092	0,303	-0,003	0,011	0,087	FALSE
0,020	0,283	0,002	0,016	0,049	FALSE
-0,007	0,295	0,001	0,010	0,042	FALSE
-0,168	0,276	-0,010	0,016	0,279	FALSE
-0,124	0,290	-0,004	0,011	0,137	FALSE
-0,030	0,284	-0,001	0,015	0,016	FALSE
-0,082	0,292	-0,003	0,011	0,097	FALSE
-0,035	0,279	-0,001	0,015	0,018	FALSE
-0,037	0,289	-0,001	0,016	0,019	FALSE
-0,040	0,289	-0,002	0,012	0,068	FALSE
0,159	0,270	0,005	0,013	0,172	FALSE
-0,068	0,289	-0,003	0,014	0,092	FALSE
-0,124	0,269	-0,007	0,017	0,175	FALSE
-0,032	0,287	-0,001	0,012	0,045	FALSE
0,038	0,290	0,002	0,010	0,062	FALSE
-0,069	0,293	-0,003	0,010	0,096	FALSE

-0,053	0,278	0,000	0,009	0,013	FALSE
-0,149	0,277	-0,007	0,014	0,198	FALSE
-0,068	0,277	-0,002	0,009	0,066	FALSE
-0,049	0,292	-0,002	0,011	0,072	FALSE
0,140	0,279	0,004	0,009	0,191	FALSE
0,153	0,277	0,008	0,017	0,200	FALSE
-0,241	0,265	-0,017	0,016	0,519	FALSE
-0,120	0,296	-0,003	0,013	0,104	FALSE
-0,101	0,288	-0,003	0,012	0,087	FALSE
-0,009	0,288	0,001	0,011	0,047	FALSE
-0,035	0,287	-0,002	0,017	0,047	FALSE
0,008	0,289	0,002	0,012	0,064	FALSE
-0,023	0,290	0,001	0,012	0,028	FALSE
-0,019	0,297	0,001	0,012	0,039	FALSE
-0,010	0,285	0,002	0,012	0,048	FALSE
-0,001	0,295	0,002	0,012	0,053	FALSE
-0,006	0,286	0,002	0,011	0,050	FALSE
-0,057	0,284	-0,002	0,013	0,055	FALSE
-0,088	0,288	-0,004	0,013	0,105	FALSE
-0,049	0,289	-0,002	0,013	0,046	FALSE
-0,075	0,274	-0,003	0,012	0,084	FALSE
-0,087	0,282	-0,003	0,013	0,099	FALSE
0,014	0,279	0,000	0,009	0,003	FALSE
0,031	0,284	0,001	0,011	0,017	FALSE
-0,020	0,279	-0,002	0,010	0,057	FALSE
0,008	0,284	-0,001	0,011	0,038	FALSE
0,096	0,277	0,002	0,010	0,079	FALSE
0,052	0,289	0,003	0,017	0,074	FALSE
-0,018	0,293	0,000	0,011	0,004	FALSE
0,141	0,277	0,006	0,017	0,141	FALSE
0,044	0,284	0,001	0,013	0,036	FALSE
0,041	0,285	0,002	0,010	0,085	FALSE
0,095	0,278	0,004	0,010	0,139	FALSE
0,137	0,284	0,006	0,017	0,133	FALSE
-0,093	0,281	-0,004	0,010	0,144	FALSE
0,056	0,287	0,004	0,016	0,098	FALSE
-0,013	0,275	-0,001	0,014	0,018	FALSE
0,080	0,300	0,003	0,017	0,059	FALSE
-0,016	0,297	-0,001	0,014	0,021	FALSE
-0,017	0,280	-0,002	0,015	0,054	FALSE
-0,015	0,291	0,000	0,015	0,009	FALSE
-0,069	0,271	-0,002	0,011	0,069	FALSE
0,048	0,286	0,003	0,017	0,071	FALSE
0,062	0,284	0,002	0,016	0,054	FALSE
0,006	0,289	0,002	0,016	0,044	FALSE
0,091	0,280	0,001	0,010	0,036	FALSE
0,070	0,275	0,000	0,010	0,014	FALSE
-0,076	0,288	-0,002	0,014	0,041	FALSE
0,127	0,282	0,005	0,011	0,185	FALSE
0,157	0,275	0,004	0,011	0,171	FALSE
-0,012	0,284	0,001	0,017	0,025	FALSE
0,241	0,275	0,008	0,011	0,353	FALSE
0,070	0,283	0,003	0,009	0,107	FALSE

0,021	0,282	0,002	0,016	0,052	FALSE
0,096	0,291	0,005	0,017	0,127	FALSE
-0,143	0,294	-0,003	0,009	0,136	FALSE
-0,136	0,284	-0,006	0,011	0,205	FALSE
-0,099	0,271	-0,006	0,016	0,142	FALSE
-0,130	0,293	-0,005	0,011	0,175	FALSE
-0,036	0,300	-0,002	0,013	0,049	FALSE
0,272	0,255	0,011	0,011	0,468	FALSE
0,151	0,281	0,007	0,017	0,164	FALSE
0,278	0,274	0,011	0,013	0,425	FALSE
0,095	0,271	0,003	0,010	0,119	FALSE
-0,016	0,289	0,000	0,010	0,011	FALSE
-0,064	0,284	-0,004	0,011	0,135	FALSE
-0,052	0,279	-0,002	0,014	0,067	FALSE
-0,103	0,289	-0,005	0,013	0,145	FALSE
-0,109	0,275	-0,005	0,013	0,152	FALSE
-0,132	0,291	-0,006	0,013	0,191	FALSE
-0,114	0,283	-0,005	0,013	0,146	FALSE
0,067	0,272	0,002	0,009	0,070	FALSE
-0,054	0,286	-0,001	0,016	0,033	FALSE
-0,115	0,292	-0,003	0,009	0,140	FALSE
0,055	0,284	0,002	0,009	0,098	FALSE
-0,035	0,278	-0,001	0,009	0,022	FALSE
0,026	0,271	0,000	0,008	0,015	FALSE
0,043	0,284	0,005	0,016	0,122	FALSE
-0,165	0,284	-0,003	0,011	0,104	FALSE
0,002	0,281	-0,002	0,012	0,058	FALSE
-0,084	0,285	-0,002	0,010	0,084	FALSE
0,094	0,294	0,004	0,010	0,167	FALSE
0,010	0,289	-0,002	0,012	0,057	FALSE
-0,182	0,284	-0,005	0,010	0,211	FALSE
-0,018	0,297	-0,003	0,018	0,069	FALSE
0,057	0,289	0,000	0,011	0,007	FALSE
-0,069	0,296	-0,004	0,014	0,109	FALSE
-0,062	0,284	-0,003	0,014	0,081	FALSE
0,043	0,289	0,001	0,013	0,018	FALSE
-0,069	0,284	-0,003	0,017	0,057	FALSE
-0,025	0,280	-0,004	0,013	0,134	FALSE
-0,054	0,267	-0,006	0,012	0,182	FALSE
0,080	0,270	0,006	0,016	0,149	FALSE
-0,002	0,268	0,001	0,014	0,024	FALSE
0,171	0,276	0,006	0,009	0,276	FALSE
0,163	0,281	0,006	0,009	0,263	FALSE
-0,121	0,280	-0,003	0,009	0,129	FALSE
-0,090	0,281	-0,006	0,017	0,146	FALSE
0,029	0,282	0,002	0,011	0,078	FALSE
0,039	0,282	0,002	0,014	0,039	FALSE
-0,072	0,281	-0,004	0,017	0,077	FALSE
-0,036	0,287	0,000	0,011	0,011	FALSE
-0,169	0,282	-0,005	0,010	0,208	FALSE
0,127	0,266	0,006	0,015	0,155	FALSE
0,085	0,287	0,006	0,018	0,138	FALSE
0,166	0,282	0,011	0,017	0,284	FALSE

0,006	0,286	0,000	0,011	0,002	FALSE
-0,031	0,270	0,000	0,009	0,013	FALSE
0,153	0,282	0,008	0,016	0,213	FALSE
0,077	0,275	0,002	0,012	0,048	FALSE
-0,048	0,289	-0,001	0,014	0,036	FALSE
-0,081	0,291	-0,002	0,017	0,039	FALSE
-0,072	0,276	-0,003	0,015	0,085	FALSE
-0,043	0,279	-0,001	0,010	0,041	FALSE
-0,142	0,264	-0,009	0,012	0,320	FALSE
0,041	0,277	0,002	0,010	0,063	FALSE
0,106	0,280	0,006	0,014	0,180	FALSE
0,082	0,281	0,002	0,009	0,097	FALSE
0,081	0,276	0,002	0,013	0,057	FALSE
0,142	0,284	0,004	0,012	0,125	FALSE
-0,064	0,278	-0,003	0,015	0,076	FALSE
-0,070	0,286	-0,003	0,016	0,072	FALSE
-0,084	0,269	-0,002	0,009	0,095	FALSE
-0,054	0,289	-0,002	0,016	0,055	FALSE
-0,116	0,292	-0,003	0,011	0,104	FALSE
0,178	0,269	0,009	0,017	0,239	FALSE
-0,022	0,283	0,000	0,012	0,006	FALSE
-0,124	0,288	-0,004	0,009	0,204	FALSE
-0,134	0,279	-0,005	0,008	0,228	FALSE
-0,111	0,262	-0,003	0,012	0,098	FALSE
-0,206	0,260	-0,010	0,012	0,414	FALSE
0,028	0,293	0,001	0,015	0,027	FALSE
-0,152	0,278	-0,007	0,012	0,253	FALSE
0,035	0,276	0,004	0,013	0,122	FALSE
0,005	0,290	0,001	0,016	0,019	FALSE
0,070	0,284	0,005	0,016	0,108	FALSE
0,064	0,296	0,004	0,018	0,074	FALSE
0,168	0,289	0,009	0,018	0,199	FALSE
0,074	0,283	0,001	0,011	0,036	FALSE
-0,024	0,278	-0,001	0,013	0,023	FALSE
-0,027	0,286	-0,001	0,012	0,037	FALSE
-0,024	0,282	-0,001	0,013	0,040	FALSE
0,069	0,275	0,002	0,009	0,081	FALSE
0,055	0,288	0,002	0,010	0,055	FALSE
0,009	0,290	0,001	0,010	0,019	FALSE
-0,117	0,288	-0,007	0,017	0,163	FALSE
0,047	0,265	0,002	0,013	0,053	FALSE
-0,014	0,277	-0,001	0,011	0,038	FALSE
-0,031	0,273	0,000	0,009	0,011	FALSE
-0,007	0,280	0,001	0,010	0,035	FALSE
0,268	0,271	0,013	0,016	0,396	FALSE
-0,179	0,273	-0,011	0,018	0,278	FALSE
0,113	0,288	0,008	0,017	0,205	FALSE
0,023	0,274	-0,003	0,016	0,072	FALSE
-0,004	0,284	-0,003	0,017	0,064	FALSE
-0,087	0,289	-0,003	0,010	0,118	FALSE
0,010	0,282	0,002	0,016	0,053	FALSE
-0,202	0,272	-0,010	0,015	0,285	FALSE
0,055	0,282	0,000	0,014	0,001	FALSE

-0,088	0,275	-0,003	0,017	0,073	FALSE
-0,162	0,289	-0,008	0,015	0,223	FALSE
0,243	0,264	0,007	0,009	0,345	FALSE
0,085	0,293	0,004	0,012	0,144	FALSE
0,082	0,289	0,004	0,013	0,124	FALSE
0,070	0,270	0,003	0,012	0,110	FALSE
0,031	0,293	0,002	0,011	0,066	FALSE
0,138	0,285	0,006	0,009	0,319	FALSE
-0,010	0,278	0,000	0,009	0,005	FALSE
0,142	0,287	0,004	0,010	0,174	FALSE
-0,102	0,283	-0,007	0,016	0,166	FALSE
0,006	0,284	-0,001	0,016	0,014	FALSE
0,001	0,281	-0,002	0,012	0,052	FALSE
0,227	0,273	0,009	0,011	0,363	FALSE
-0,043	0,286	0,000	0,009	0,015	FALSE
-0,182	0,284	-0,010	0,014	0,302	FALSE
0,072	0,289	0,003	0,018	0,053	FALSE
-0,050	0,292	-0,004	0,013	0,123	FALSE
0,146	0,286	0,005	0,010	0,198	FALSE
0,071	0,291	0,003	0,014	0,086	FALSE
-0,112	0,279	-0,003	0,009	0,133	FALSE
0,081	0,266	0,002	0,009	0,094	FALSE
-0,021	0,290	0,000	0,010	0,002	FALSE
-0,135	0,284	-0,006	0,014	0,169	FALSE
-0,026	0,295	0,001	0,010	0,018	FALSE
0,223	0,274	0,006	0,009	0,317	FALSE
-0,087	0,276	-0,005	0,014	0,152	FALSE
0,029	0,274	-0,001	0,012	0,038	FALSE
0,016	0,294	-0,001	0,012	0,016	FALSE
0,009	0,266	-0,002	0,012	0,060	FALSE
-0,122	0,287	-0,008	0,017	0,175	FALSE
-0,003	0,273	0,001	0,013	0,018	FALSE
-0,037	0,284	-0,002	0,017	0,052	FALSE
-0,050	0,291	-0,001	0,014	0,031	FALSE
-0,075	0,264	-0,006	0,016	0,154	FALSE
0,028	0,293	0,000	0,018	0,003	FALSE
0,037	0,298	0,002	0,011	0,059	FALSE
0,009	0,295	0,002	0,014	0,050	FALSE
0,144	0,284	0,005	0,011	0,185	FALSE
0,069	0,281	0,002	0,017	0,034	FALSE
0,124	0,288	0,003	0,009	0,120	FALSE
0,114	0,273	0,002	0,008	0,120	FALSE
-0,036	0,282	-0,002	0,011	0,053	FALSE
-0,015	0,278	0,000	0,009	0,011	FALSE
-0,074	0,282	-0,002	0,015	0,061	FALSE
0,020	0,274	0,000	0,011	0,007	FALSE
0,077	0,277	0,004	0,014	0,099	FALSE
0,167	0,286	0,006	0,012	0,201	FALSE
-0,131	0,283	-0,003	0,009	0,144	FALSE
0,030	0,285	0,001	0,012	0,030	FALSE
-0,003	0,280	-0,001	0,011	0,039	FALSE
0,196	0,273	0,007	0,012	0,229	FALSE
-0,137	0,299	-0,004	0,016	0,100	FALSE

-0,167	0,266	-0,009	0,011	0,340	FALSE
-0,172	0,306	-0,005	0,011	0,183	FALSE
-0,021	0,288	-0,002	0,009	0,081	FALSE
-0,070	0,282	-0,005	0,018	0,100	FALSE
-0,018	0,288	0,000	0,016	0,009	FALSE
0,095	0,279	0,004	0,013	0,118	FALSE
0,061	0,290	0,002	0,009	0,063	FALSE
0,163	0,267	0,008	0,012	0,298	FALSE
0,020	0,277	0,000	0,009	0,016	FALSE
0,034	0,273	0,000	0,009	0,016	FALSE
0,095	0,292	0,005	0,017	0,104	FALSE
0,138	0,269	0,003	0,010	0,126	FALSE
0,027	0,285	0,000	0,014	0,001	FALSE
-0,087	0,290	-0,007	0,017	0,161	FALSE
-0,047	0,296	0,000	0,009	0,002	FALSE
-0,053	0,275	-0,004	0,017	0,093	FALSE
0,036	0,271	0,001	0,015	0,035	FALSE
0,142	0,273	0,008	0,017	0,203	FALSE
-0,184	0,279	-0,008	0,011	0,312	FALSE
0,168	0,287	0,011	0,019	0,251	FALSE
-0,093	0,272	-0,007	0,017	0,168	FALSE
0,093	0,280	0,004	0,014	0,099	FALSE
-0,077	0,277	-0,002	0,009	0,075	FALSE
-0,176	0,277	-0,006	0,010	0,249	FALSE
-0,041	0,290	-0,001	0,009	0,051	FALSE
-0,046	0,279	0,001	0,011	0,016	FALSE
-0,012	0,273	-0,001	0,012	0,036	FALSE
-0,056	0,284	-0,004	0,014	0,097	FALSE
-0,074	0,289	-0,004	0,013	0,129	FALSE
0,044	0,270	0,000	0,009	0,013	FALSE
0,130	0,272	0,003	0,010	0,133	FALSE
-0,176	0,282	-0,005	0,010	0,216	FALSE
0,051	0,284	0,002	0,009	0,087	FALSE
-0,049	0,264	-0,001	0,017	0,014	FALSE
-0,111	0,281	-0,003	0,011	0,115	FALSE
-0,162	0,293	-0,008	0,011	0,325	FALSE
-0,209	0,287	-0,009	0,011	0,382	FALSE
0,015	0,288	0,001	0,015	0,036	FALSE
-0,086	0,296	-0,003	0,010	0,114	FALSE
-0,094	0,301	-0,001	0,009	0,042	FALSE
-0,174	0,281	-0,006	0,009	0,292	FALSE
0,130	0,274	0,006	0,010	0,252	FALSE
-0,045	0,291	-0,001	0,013	0,032	FALSE
0,069	0,281	0,002	0,011	0,055	FALSE
-0,029	0,288	-0,001	0,009	0,036	FALSE
0,170	0,267	0,008	0,013	0,270	FALSE
0,119	0,277	0,006	0,015	0,160	FALSE
-0,109	0,278	-0,002	0,009	0,096	FALSE
-0,009	0,280	0,002	0,012	0,060	FALSE
-0,028	0,289	0,001	0,012	0,030	FALSE
-0,108	0,281	-0,005	0,014	0,144	FALSE
0,000	0,294	0,000	0,011	0,011	FALSE
-0,046	0,278	-0,001	0,012	0,037	FALSE

0,158	0,272	0,006	0,011	0,263	FALSE
-0,166	0,278	-0,005	0,011	0,169	FALSE
-0,007	0,293	0,002	0,010	0,061	FALSE
-0,111	0,277	-0,005	0,011	0,166	FALSE
-0,021	0,274	0,000	0,009	0,001	FALSE
0,093	0,293	0,004	0,015	0,104	FALSE
-0,041	0,277	-0,002	0,015	0,052	FALSE
0,022	0,277	-0,001	0,010	0,049	FALSE
0,046	0,284	0,000	0,011	0,003	FALSE
0,126	0,279	0,008	0,017	0,210	FALSE
0,105	0,278	0,009	0,017	0,223	FALSE
-0,116	0,291	-0,003	0,010	0,104	FALSE
0,088	0,289	0,004	0,011	0,123	FALSE
-0,003	0,294	0,000	0,012	0,014	FALSE
0,126	0,291	0,006	0,013	0,184	FALSE
-0,055	0,303	-0,002	0,013	0,049	FALSE
-0,091	0,280	-0,003	0,013	0,079	FALSE
0,026	0,279	0,001	0,012	0,018	FALSE
0,041	0,278	0,001	0,009	0,028	FALSE
-0,100	0,284	-0,005	0,014	0,157	FALSE
0,176	0,278	0,007	0,009	0,324	FALSE
-0,113	0,287	-0,004	0,010	0,177	FALSE
-0,004	0,295	0,000	0,009	0,012	FALSE
-0,086	0,285	-0,004	0,018	0,080	FALSE
-0,085	0,280	-0,003	0,010	0,131	FALSE
-0,052	0,276	-0,002	0,009	0,071	FALSE
-0,099	0,296	-0,003	0,013	0,089	FALSE
0,019	0,285	0,000	0,011	0,011	FALSE
0,154	0,280	0,004	0,009	0,179	FALSE
0,168	0,253	0,007	0,017	0,159	FALSE
-0,195	0,285	-0,007	0,010	0,300	FALSE
-0,075	0,293	-0,004	0,018	0,088	FALSE
0,080	0,305	0,003	0,010	0,140	FALSE
-0,101	0,289	-0,004	0,017	0,098	FALSE
0,015	0,292	0,003	0,014	0,067	FALSE
0,052	0,277	0,001	0,015	0,027	FALSE
-0,207	0,297	-0,007	0,010	0,300	FALSE
-0,056	0,270	-0,004	0,014	0,125	FALSE
0,094	0,278	0,005	0,013	0,143	FALSE
-0,036	0,286	-0,001	0,009	0,047	FALSE
0,023	0,285	0,001	0,015	0,022	FALSE
-0,161	0,285	-0,007	0,012	0,229	FALSE
0,037	0,282	0,001	0,010	0,047	FALSE
0,009	0,294	0,000	0,012	0,008	FALSE
0,034	0,269	0,002	0,011	0,049	FALSE
0,091	0,286	0,003	0,018	0,064	FALSE
0,163	0,283	0,008	0,012	0,275	FALSE
0,116	0,264	0,004	0,010	0,156	FALSE
0,095	0,271	0,006	0,016	0,154	FALSE
0,142	0,288	0,004	0,010	0,142	FALSE
-0,046	0,289	-0,002	0,009	0,074	FALSE
-0,030	0,290	-0,002	0,016	0,047	FALSE
-0,102	0,281	-0,003	0,012	0,089	FALSE

-0,079	0,289	-0,003	0,010	0,108	FALSE
-0,018	0,291	-0,001	0,010	0,028	FALSE
0,096	0,293	0,005	0,017	0,115	FALSE
0,050	0,274	0,004	0,015	0,093	FALSE
0,016	0,286	0,001	0,012	0,022	FALSE
0,035	0,286	0,002	0,017	0,035	FALSE
0,038	0,279	0,001	0,011	0,021	FALSE
0,119	0,295	0,007	0,015	0,200	FALSE
-0,118	0,264	-0,010	0,017	0,245	FALSE
0,048	0,285	0,001	0,011	0,050	FALSE
0,010	0,272	-0,002	0,017	0,052	FALSE
-0,067	0,278	-0,004	0,012	0,117	FALSE
0,048	0,280	0,001	0,012	0,039	FALSE
0,131	0,283	0,005	0,011	0,164	FALSE
0,105	0,279	0,004	0,012	0,135	FALSE
0,103	0,291	0,004	0,012	0,122	FALSE
-0,094	0,286	-0,003	0,010	0,108	FALSE
-0,157	0,273	-0,005	0,009	0,242	FALSE
0,030	0,274	-0,001	0,018	0,026	FALSE
0,097	0,282	0,003	0,012	0,113	FALSE
-0,152	0,275	-0,006	0,010	0,261	FALSE
-0,073	0,290	-0,003	0,015	0,077	FALSE
-0,050	0,269	-0,003	0,013	0,098	FALSE
-0,031	0,277	0,000	0,009	0,002	FALSE
0,075	0,296	0,005	0,016	0,118	FALSE
-0,021	0,282	-0,002	0,017	0,033	FALSE
0,141	0,287	0,006	0,012	0,217	FALSE
0,092	0,285	0,004	0,014	0,105	FALSE
-0,044	0,292	-0,002	0,015	0,059	FALSE
-0,014	0,285	-0,002	0,014	0,040	FALSE
0,030	0,285	0,001	0,013	0,040	FALSE
-0,059	0,286	-0,001	0,017	0,021	FALSE
-0,026	0,281	0,000	0,017	0,009	FALSE
0,098	0,275	0,002	0,009	0,091	FALSE
0,060	0,284	0,000	0,009	0,006	FALSE
-0,112	0,283	-0,003	0,014	0,097	FALSE
0,133	0,280	0,003	0,009	0,149	FALSE
-0,050	0,289	-0,001	0,014	0,039	FALSE
-0,004	0,297	-0,001	0,011	0,030	FALSE
0,019	0,299	0,000	0,011	0,011	FALSE
0,138	0,289	0,004	0,013	0,115	FALSE
-0,182	0,279	-0,007	0,013	0,223	FALSE
-0,011	0,284	0,000	0,011	0,009	FALSE
-0,003	0,287	-0,001	0,017	0,020	FALSE
0,043	0,300	0,002	0,013	0,054	FALSE
-0,016	0,267	-0,002	0,010	0,070	FALSE
-0,018	0,287	-0,002	0,016	0,052	FALSE
0,001	0,278	0,002	0,010	0,064	FALSE
0,008	0,290	0,002	0,010	0,057	FALSE
-0,012	0,300	0,001	0,011	0,043	FALSE
-0,006	0,292	-0,001	0,018	0,022	FALSE
0,010	0,300	0,000	0,018	0,006	FALSE
0,009	0,279	-0,001	0,016	0,022	FALSE

-0,014	0,278	-0,001	0,009	0,055	FALSE
-0,044	0,288	-0,005	0,016	0,116	FALSE
-0,099	0,279	-0,007	0,016	0,189	FALSE
-0,069	0,283	-0,003	0,010	0,131	FALSE
-0,129	0,280	-0,003	0,009	0,152	FALSE
0,072	0,274	0,006	0,016	0,152	FALSE
-0,080	0,287	-0,005	0,016	0,133	FALSE
0,056	0,270	0,003	0,010	0,116	FALSE
-0,060	0,277	0,000	0,015	0,008	FALSE
-0,037	0,283	-0,002	0,010	0,072	FALSE
-0,034	0,301	-0,002	0,018	0,048	FALSE
-0,029	0,292	-0,002	0,016	0,053	FALSE
-0,036	0,289	-0,003	0,016	0,059	FALSE
-0,005	0,282	-0,001	0,011	0,043	FALSE
-0,103	0,281	-0,008	0,017	0,197	FALSE
-0,041	0,296	-0,001	0,011	0,041	FALSE
0,098	0,287	0,003	0,012	0,084	FALSE
0,096	0,291	0,004	0,017	0,098	FALSE
-0,006	0,292	-0,001	0,011	0,041	FALSE
0,104	0,300	0,006	0,013	0,178	FALSE
0,053	0,288	0,003	0,018	0,053	FALSE
0,048	0,278	0,004	0,017	0,094	FALSE
0,118	0,282	0,004	0,011	0,131	FALSE
0,119	0,284	0,003	0,012	0,118	FALSE
0,030	0,286	0,001	0,017	0,027	FALSE
-0,046	0,290	-0,001	0,013	0,029	FALSE
0,135	0,286	0,004	0,010	0,189	FALSE
-0,044	0,310	-0,001	0,016	0,033	FALSE
0,082	0,274	0,004	0,013	0,109	FALSE
-0,274	0,258	-0,011	0,015	0,355	FALSE
0,141	0,287	0,004	0,009	0,159	FALSE
0,008	0,276	0,002	0,015	0,040	FALSE
-0,038	0,270	-0,002	0,017	0,037	FALSE
-0,043	0,278	-0,001	0,012	0,024	FALSE
-0,054	0,290	-0,001	0,011	0,022	FALSE
-0,105	0,288	-0,003	0,011	0,118	FALSE
-0,116	0,283	-0,004	0,011	0,134	FALSE
-0,149	0,279	-0,007	0,014	0,205	FALSE
0,030	0,285	0,002	0,009	0,071	FALSE
-0,049	0,286	-0,002	0,017	0,053	FALSE
-0,263	0,269	-0,010	0,010	0,522	FALSE
0,111	0,285	0,005	0,015	0,143	FALSE
0,057	0,289	0,002	0,014	0,044	FALSE
-0,163	0,274	-0,006	0,010	0,227	FALSE
-0,108	0,279	-0,006	0,014	0,180	FALSE
-0,125	0,288	-0,004	0,011	0,140	FALSE
0,091	0,275	0,002	0,009	0,091	FALSE
0,269	0,264	0,006	0,009	0,326	FALSE
-0,010	0,296	0,002	0,014	0,039	FALSE
0,168	0,275	0,009	0,016	0,247	FALSE
-0,081	0,290	-0,004	0,013	0,133	FALSE
-0,006	0,286	0,000	0,013	0,005	FALSE
-0,022	0,281	0,000	0,012	0,010	FALSE

-0,161	0,281	-0,007	0,015	0,193	FALSE
0,071	0,283	0,003	0,012	0,107	FALSE
0,011	0,283	0,003	0,014	0,065	FALSE
-0,093	0,286	-0,003	0,009	0,113	FALSE
0,053	0,275	0,002	0,009	0,079	FALSE
0,018	0,280	0,001	0,008	0,040	FALSE
0,100	0,274	0,003	0,009	0,117	FALSE
0,101	0,295	0,004	0,011	0,144	FALSE
-0,007	0,284	-0,002	0,013	0,058	FALSE
-0,140	0,269	-0,003	0,009	0,153	FALSE
-0,041	0,285	-0,001	0,009	0,023	FALSE
0,079	0,273	0,003	0,009	0,133	FALSE
0,026	0,284	0,000	0,016	0,004	FALSE
0,149	0,287	0,007	0,014	0,218	FALSE
-0,008	0,300	-0,003	0,019	0,057	FALSE
-0,187	0,273	-0,005	0,010	0,209	FALSE
-0,017	0,280	-0,002	0,013	0,047	FALSE
-0,097	0,287	-0,001	0,010	0,054	FALSE
0,040	0,262	-0,001	0,009	0,030	FALSE
0,114	0,276	0,002	0,009	0,095	FALSE
-0,004	0,285	-0,001	0,013	0,024	FALSE
0,067	0,276	0,000	0,009	0,001	FALSE
-0,073	0,293	-0,002	0,014	0,058	FALSE
-0,047	0,284	-0,003	0,012	0,108	FALSE
0,017	0,289	0,001	0,016	0,029	FALSE
0,105	0,282	0,006	0,015	0,158	FALSE
-0,166	0,282	-0,005	0,009	0,213	FALSE
0,002	0,272	0,000	0,010	0,000	FALSE
-0,017	0,283	0,000	0,009	0,005	FALSE
-0,090	0,283	-0,005	0,011	0,180	FALSE
-0,013	0,282	-0,003	0,016	0,067	FALSE
-0,024	0,283	-0,001	0,014	0,023	FALSE
-0,045	0,273	0,000	0,017	0,005	FALSE
-0,044	0,267	0,000	0,016	0,000	FALSE
-0,068	0,275	-0,002	0,016	0,044	FALSE
-0,050	0,278	-0,001	0,016	0,030	FALSE
-0,072	0,283	-0,003	0,016	0,058	FALSE
-0,013	0,297	0,000	0,016	0,010	FALSE
-0,096	0,284	-0,003	0,018	0,070	FALSE
0,067	0,294	0,004	0,010	0,166	FALSE
0,060	0,283	0,002	0,010	0,054	FALSE
-0,220	0,289	-0,006	0,009	0,335	FALSE
0,080	0,281	0,002	0,010	0,057	FALSE
-0,073	0,288	-0,001	0,015	0,023	FALSE
-0,055	0,275	-0,001	0,008	0,028	FALSE
0,108	0,296	0,004	0,010	0,172	FALSE
-0,021	0,285	0,000	0,010	0,009	FALSE
0,042	0,278	0,001	0,009	0,045	FALSE
0,028	0,273	0,002	0,011	0,053	FALSE
0,105	0,279	0,003	0,015	0,071	FALSE
-0,067	0,290	-0,001	0,009	0,037	FALSE
-0,075	0,279	-0,003	0,010	0,113	FALSE
0,157	0,275	0,006	0,011	0,242	FALSE

0,170	0,270	0,004	0,008	0,201	FALSE
-0,108	0,273	-0,004	0,010	0,166	FALSE
-0,041	0,290	-0,002	0,009	0,078	FALSE
0,181	0,275	0,009	0,017	0,216	FALSE
0,112	0,285	0,005	0,015	0,119	FALSE
0,090	0,283	0,003	0,009	0,150	FALSE
0,124	0,292	0,003	0,011	0,113	FALSE
0,028	0,286	0,002	0,013	0,051	FALSE
0,117	0,282	0,005	0,011	0,199	FALSE
0,184	0,283	0,006	0,010	0,268	FALSE
-0,073	0,284	-0,006	0,017	0,130	FALSE
-0,020	0,276	0,000	0,014	0,002	FALSE
-0,026	0,302	0,000	0,016	0,005	FALSE
-0,103	0,276	-0,006	0,013	0,209	FALSE
-0,208	0,276	-0,010	0,015	0,318	FALSE
-0,140	0,294	-0,009	0,018	0,222	FALSE
0,081	0,272	0,002	0,012	0,077	FALSE
-0,060	0,281	-0,003	0,014	0,091	FALSE
0,147	0,281	0,005	0,010	0,211	FALSE
-0,052	0,287	0,000	0,013	0,010	FALSE
0,155	0,287	0,005	0,010	0,209	FALSE
0,011	0,285	-0,001	0,009	0,030	FALSE
-0,090	0,283	-0,004	0,014	0,107	FALSE
-0,104	0,288	-0,003	0,013	0,088	FALSE
0,152	0,287	0,005	0,012	0,164	FALSE
-0,054	0,300	-0,001	0,010	0,031	FALSE
0,088	0,284	0,002	0,011	0,086	FALSE
0,065	0,299	0,001	0,011	0,037	FALSE
-0,190	0,290	-0,009	0,015	0,244	FALSE
0,042	0,281	0,001	0,015	0,021	FALSE
0,098	0,283	0,002	0,011	0,070	FALSE
-0,167	0,279	-0,008	0,011	0,322	FALSE
0,113	0,280	0,005	0,009	0,221	FALSE
-0,139	0,293	-0,006	0,012	0,211	FALSE
-0,016	0,295	0,001	0,014	0,027	FALSE
0,185	0,266	0,008	0,016	0,213	FALSE
0,030	0,290	0,001	0,010	0,023	FALSE
0,121	0,273	0,005	0,013	0,147	FALSE
0,039	0,287	0,001	0,011	0,049	FALSE
0,012	0,295	0,001	0,010	0,034	FALSE
-0,214	0,280	-0,006	0,009	0,305	FALSE
-0,144	0,283	-0,008	0,017	0,183	FALSE
-0,072	0,275	0,000	0,011	0,002	FALSE
0,015	0,272	0,001	0,009	0,056	FALSE
0,153	0,282	0,005	0,009	0,228	FALSE
0,108	0,276	0,004	0,015	0,093	FALSE
-0,027	0,282	-0,001	0,015	0,030	FALSE
0,058	0,293	0,000	0,016	0,006	FALSE
0,096	0,282	0,004	0,012	0,125	FALSE
-0,278	0,275	-0,010	0,012	0,383	FALSE
0,134	0,287	0,005	0,010	0,207	FALSE
-0,275	0,271	-0,009	0,012	0,349	FALSE
0,077	0,284	0,003	0,014	0,087	FALSE

0,123	0,282	0,005	0,017	0,115	FALSE
-0,041	0,276	-0,002	0,010	0,070	FALSE
-0,043	0,291	0,000	0,009	0,009	FALSE
-0,078	0,286	0,000	0,010	0,010	FALSE
-0,037	0,279	-0,001	0,009	0,060	FALSE
-0,019	0,281	0,000	0,011	0,014	FALSE
-0,076	0,267	-0,002	0,011	0,057	FALSE
-0,093	0,273	-0,005	0,014	0,135	FALSE
0,068	0,288	0,000	0,010	0,015	FALSE
-0,063	0,266	-0,002	0,017	0,036	FALSE
-0,086	0,276	-0,004	0,013	0,105	FALSE
0,145	0,250	0,009	0,017	0,227	FALSE
-0,008	0,284	0,000	0,016	0,010	FALSE
-0,040	0,277	-0,001	0,012	0,034	FALSE
-0,037	0,292	0,000	0,009	0,001	FALSE
0,033	0,287	0,000	0,010	0,009	FALSE
0,118	0,292	0,006	0,012	0,193	FALSE
0,182	0,275	0,011	0,018	0,290	FALSE
0,170	0,279	0,007	0,013	0,211	FALSE
-0,014	0,278	-0,001	0,011	0,041	FALSE
-0,063	0,280	-0,002	0,013	0,071	FALSE
0,024	0,282	-0,001	0,016	0,012	FALSE
0,099	0,274	0,003	0,017	0,055	FALSE
0,067	0,271	0,002	0,013	0,057	FALSE
0,012	0,278	0,001	0,009	0,028	FALSE
-0,166	0,281	-0,007	0,015	0,193	FALSE
0,162	0,291	0,007	0,014	0,214	FALSE
-0,199	0,271	-0,009	0,017	0,239	FALSE
-0,078	0,282	-0,005	0,016	0,113	FALSE
0,095	0,296	0,004	0,014	0,111	FALSE
0,189	0,267	0,005	0,009	0,244	FALSE
0,313	0,256	0,017	0,014	0,618	FALSE
0,313	0,271	0,017	0,015	0,573	FALSE
-0,105	0,285	-0,003	0,010	0,134	FALSE
-0,239	0,282	-0,012	0,017	0,314	FALSE
-0,061	0,289	-0,001	0,009	0,027	FALSE
-0,092	0,287	-0,006	0,014	0,162	FALSE
0,135	0,286	0,008	0,016	0,208	FALSE
-0,066	0,288	-0,002	0,008	0,078	FALSE
-0,032	0,290	-0,001	0,016	0,027	FALSE
0,100	0,282	0,002	0,009	0,094	FALSE
0,070	0,286	0,004	0,011	0,126	FALSE
0,072	0,267	0,004	0,012	0,144	FALSE
0,046	0,285	0,003	0,011	0,086	FALSE
-0,176	0,279	-0,012	0,017	0,315	FALSE
-0,011	0,276	0,002	0,014	0,046	FALSE
0,146	0,276	0,004	0,010	0,193	FALSE
-0,080	0,282	-0,001	0,011	0,031	FALSE
0,156	0,285	0,005	0,014	0,148	FALSE
-0,031	0,290	0,001	0,011	0,037	FALSE
0,211	0,252	0,009	0,013	0,300	FALSE
0,183	0,276	0,006	0,011	0,249	FALSE
0,033	0,305	0,001	0,013	0,020	FALSE

0,202	0,268	0,009	0,015	0,252	FALSE
0,093	0,284	0,002	0,010	0,086	FALSE
0,074	0,271	0,002	0,013	0,042	FALSE
0,023	0,290	0,001	0,009	0,049	FALSE
0,103	0,282	0,003	0,011	0,101	FALSE
0,014	0,288	0,000	0,011	0,002	FALSE
0,048	0,284	0,001	0,009	0,041	FALSE
-0,106	0,283	-0,005	0,015	0,126	FALSE
0,021	0,281	0,003	0,013	0,098	FALSE
-0,008	0,275	0,002	0,015	0,038	FALSE
-0,102	0,286	-0,006	0,015	0,177	FALSE
0,032	0,279	0,001	0,017	0,018	FALSE
-0,051	0,275	-0,001	0,009	0,050	FALSE
0,071	0,272	0,002	0,018	0,039	FALSE
0,010	0,269	0,000	0,017	0,002	FALSE
-0,012	0,283	0,000	0,017	0,008	FALSE
0,031	0,296	0,000	0,012	0,013	FALSE
-0,225	0,262	-0,009	0,014	0,301	FALSE
0,123	0,293	0,006	0,014	0,174	FALSE
0,019	0,287	0,001	0,014	0,034	FALSE
-0,047	0,282	0,000	0,010	0,017	FALSE
-0,037	0,282	0,000	0,010	0,016	FALSE
-0,105	0,283	-0,003	0,010	0,109	FALSE
0,123	0,271	0,004	0,013	0,117	FALSE
0,141	0,285	0,005	0,012	0,155	FALSE
0,181	0,280	0,006	0,011	0,214	FALSE
-0,023	0,288	0,001	0,011	0,027	FALSE
0,102	0,281	0,003	0,012	0,096	FALSE
-0,170	0,275	-0,012	0,015	0,391	FALSE
0,025	0,305	0,001	0,010	0,022	FALSE
-0,206	0,261	-0,008	0,014	0,260	FALSE
0,062	0,281	0,003	0,014	0,075	FALSE
0,095	0,279	0,004	0,017	0,079	FALSE
-0,160	0,275	-0,005	0,014	0,142	FALSE
-0,111	0,284	-0,001	0,013	0,038	FALSE
0,136	0,281	0,005	0,009	0,228	FALSE
0,075	0,287	0,005	0,017	0,119	FALSE
0,156	0,273	0,009	0,017	0,231	FALSE
0,206	0,273	0,008	0,017	0,202	FALSE
0,189	0,265	0,008	0,017	0,196	FALSE
-0,065	0,282	-0,003	0,014	0,082	FALSE
0,142	0,269	0,005	0,015	0,117	FALSE
0,013	0,290	0,001	0,009	0,024	FALSE
-0,037	0,295	-0,001	0,018	0,017	FALSE
-0,005	0,294	0,002	0,017	0,036	FALSE
0,072	0,263	0,001	0,016	0,032	FALSE
0,104	0,277	0,005	0,017	0,103	FALSE
0,018	0,280	0,004	0,015	0,098	FALSE
-0,065	0,279	-0,002	0,008	0,074	FALSE
0,048	0,269	0,000	0,009	0,012	FALSE
0,070	0,292	0,004	0,012	0,134	FALSE
-0,244	0,284	-0,010	0,014	0,350	FALSE
0,093	0,279	0,006	0,017	0,145	FALSE

-0,187	0,275	-0,005	0,009	0,228	FALSE
-0,036	0,275	-0,002	0,015	0,046	FALSE
-0,010	0,289	0,000	0,016	0,007	FALSE
0,131	0,278	0,008	0,016	0,199	FALSE
-0,002	0,280	0,001	0,008	0,058	FALSE
0,022	0,284	0,000	0,014	0,009	FALSE
-0,086	0,279	-0,003	0,018	0,066	FALSE
0,184	0,264	0,007	0,010	0,301	FALSE
0,074	0,272	0,004	0,014	0,107	FALSE
-0,004	0,280	0,001	0,011	0,023	FALSE
-0,132	0,277	-0,004	0,013	0,124	FALSE
0,126	0,270	0,003	0,012	0,090	FALSE
0,125	0,271	0,007	0,017	0,161	FALSE
0,230	0,263	0,006	0,010	0,282	FALSE
0,064	0,290	0,002	0,011	0,080	FALSE
0,056	0,281	0,001	0,009	0,040	FALSE
-0,108	0,288	-0,006	0,015	0,147	FALSE
0,058	0,291	0,001	0,015	0,034	FALSE
-0,088	0,289	-0,003	0,012	0,086	FALSE
-0,091	0,289	-0,005	0,017	0,127	FALSE
0,114	0,271	0,003	0,013	0,094	FALSE
0,093	0,286	0,004	0,017	0,096	FALSE
-0,104	0,287	-0,002	0,009	0,075	FALSE
0,030	0,296	0,002	0,009	0,091	FALSE
0,159	0,272	0,008	0,013	0,289	FALSE
-0,049	0,281	-0,003	0,015	0,075	FALSE
-0,176	0,276	-0,006	0,009	0,280	FALSE
0,021	0,293	0,000	0,017	0,005	FALSE
0,119	0,281	0,002	0,011	0,060	FALSE
0,051	0,278	0,001	0,017	0,030	FALSE
-0,026	0,281	-0,001	0,018	0,019	FALSE
-0,121	0,286	-0,003	0,009	0,124	FALSE
-0,047	0,292	-0,002	0,009	0,084	FALSE
0,071	0,289	0,002	0,013	0,067	FALSE
-0,100	0,288	-0,004	0,011	0,124	FALSE
0,083	0,282	0,003	0,010	0,103	FALSE
0,014	0,290	0,002	0,009	0,096	FALSE
0,006	0,297	-0,001	0,013	0,028	FALSE
-0,055	0,282	-0,004	0,013	0,105	FALSE
-0,139	0,286	-0,005	0,013	0,170	FALSE
0,060	0,279	0,002	0,008	0,089	FALSE
-0,060	0,286	-0,003	0,013	0,073	FALSE
-0,029	0,288	-0,003	0,014	0,069	FALSE
-0,091	0,275	-0,005	0,014	0,150	FALSE
0,053	0,275	0,001	0,016	0,016	FALSE
0,145	0,275	0,003	0,009	0,153	FALSE
-0,137	0,275	-0,007	0,014	0,199	FALSE
-0,116	0,271	-0,003	0,011	0,120	FALSE
0,070	0,291	0,002	0,009	0,087	FALSE
0,042	0,291	0,003	0,017	0,062	FALSE
0,006	0,276	0,001	0,013	0,026	FALSE
-0,115	0,287	-0,005	0,014	0,140	FALSE
-0,024	0,281	-0,001	0,016	0,034	FALSE

-0,003	0,289	0,001	0,012	0,018	FALSE
0,053	0,273	0,003	0,011	0,119	FALSE
-0,060	0,285	0,000	0,008	0,019	FALSE
-0,027	0,294	0,000	0,012	0,002	FALSE
0,043	0,290	0,001	0,011	0,040	FALSE
0,070	0,273	0,002	0,010	0,081	FALSE
-0,065	0,277	-0,004	0,015	0,116	FALSE
-0,094	0,291	-0,004	0,015	0,103	FALSE
-0,023	0,279	-0,003	0,011	0,099	FALSE
-0,026	0,285	-0,004	0,012	0,122	FALSE
-0,037	0,295	-0,004	0,017	0,088	FALSE
-0,062	0,288	-0,001	0,012	0,036	FALSE
0,140	0,294	0,005	0,009	0,214	FALSE
-0,199	0,285	-0,007	0,014	0,216	FALSE
0,221	0,271	0,011	0,016	0,325	FALSE
-0,145	0,276	-0,006	0,016	0,156	FALSE
-0,180	0,266	-0,008	0,011	0,321	FALSE
0,075	0,254	0,001	0,009	0,056	FALSE
0,045	0,294	0,001	0,012	0,038	FALSE
0,081	0,283	0,004	0,015	0,105	FALSE
0,082	0,272	0,004	0,015	0,105	FALSE
0,060	0,277	0,001	0,009	0,035	FALSE
0,097	0,289	0,005	0,016	0,119	FALSE
0,051	0,288	-0,001	0,012	0,023	FALSE
0,050	0,296	0,003	0,010	0,101	FALSE
-0,072	0,291	-0,005	0,016	0,134	FALSE
0,101	0,288	0,004	0,013	0,104	FALSE
-0,242	0,273	-0,007	0,010	0,351	FALSE
0,124	0,283	0,005	0,009	0,222	FALSE
0,123	0,288	0,004	0,014	0,102	FALSE
-0,096	0,276	-0,004	0,009	0,189	FALSE
0,025	0,277	0,000	0,010	0,016	FALSE
0,067	0,275	0,002	0,010	0,076	FALSE
-0,339	0,243	-0,020	0,017	0,644	TRUE
-0,200	0,287	-0,007	0,010	0,292	FALSE
-0,012	0,267	-0,001	0,012	0,035	FALSE
-0,106	0,296	-0,004	0,009	0,156	FALSE
0,021	0,288	0,001	0,008	0,042	FALSE
0,049	0,287	0,003	0,011	0,094	FALSE
-0,065	0,286	-0,003	0,013	0,094	FALSE
-0,060	0,288	-0,005	0,016	0,112	FALSE
-0,077	0,292	-0,005	0,017	0,116	FALSE
-0,155	0,292	-0,006	0,014	0,177	FALSE
0,003	0,282	0,000	0,012	0,005	FALSE
-0,141	0,283	-0,004	0,008	0,176	FALSE
-0,147	0,290	-0,006	0,013	0,182	FALSE
-0,111	0,310	-0,005	0,015	0,133	FALSE
-0,164	0,261	-0,006	0,013	0,185	FALSE
0,107	0,281	0,004	0,010	0,167	FALSE
-0,124	0,275	-0,003	0,008	0,165	FALSE
0,004	0,294	-0,001	0,017	0,020	FALSE
0,169	0,284	0,010	0,018	0,236	FALSE
0,174	0,281	0,005	0,009	0,240	FALSE

0,142	0,292	0,004	0,009	0,186	FALSE
0,096	0,276	0,004	0,010	0,155	FALSE
0,213	0,281	0,006	0,010	0,271	FALSE
-0,135	0,273	-0,009	0,017	0,222	FALSE
-0,044	0,287	-0,003	0,017	0,066	FALSE
0,098	0,288	0,006	0,017	0,129	FALSE
0,074	0,283	0,004	0,017	0,080	FALSE
0,058	0,281	0,003	0,017	0,062	FALSE
0,043	0,276	0,002	0,017	0,038	FALSE
-0,141	0,288	-0,003	0,009	0,146	FALSE
0,088	0,274	0,002	0,010	0,080	FALSE
-0,124	0,288	-0,003	0,010	0,105	FALSE
-0,066	0,266	-0,002	0,010	0,070	FALSE
-0,073	0,283	-0,002	0,011	0,069	FALSE
-0,082	0,280	-0,003	0,016	0,078	FALSE
0,087	0,284	0,005	0,016	0,115	FALSE
0,140	0,279	0,004	0,009	0,182	FALSE
0,154	0,271	0,004	0,008	0,210	FALSE
0,087	0,279	0,001	0,010	0,052	FALSE
-0,124	0,294	-0,003	0,011	0,115	FALSE
0,001	0,287	-0,001	0,016	0,023	FALSE
0,042	0,279	0,001	0,010	0,038	FALSE
-0,050	0,291	-0,001	0,008	0,036	FALSE
0,139	0,272	0,009	0,012	0,337	FALSE
0,031	0,270	-0,002	0,012	0,051	FALSE
0,089	0,283	0,002	0,013	0,043	FALSE
0,007	0,292	0,001	0,014	0,017	FALSE
0,084	0,272	0,002	0,009	0,102	FALSE
0,015	0,284	0,001	0,016	0,016	FALSE
0,005	0,285	-0,001	0,017	0,029	FALSE
-0,065	0,268	-0,003	0,015	0,064	FALSE
0,041	0,293	0,001	0,011	0,038	FALSE
-0,141	0,287	-0,005	0,009	0,210	FALSE
0,063	0,289	0,002	0,017	0,045	FALSE
-0,148	0,284	-0,004	0,011	0,154	FALSE
0,010	0,297	0,001	0,011	0,036	FALSE
-0,107	0,280	-0,004	0,010	0,155	FALSE
0,045	0,271	0,002	0,010	0,054	FALSE
-0,077	0,279	-0,003	0,010	0,132	FALSE
-0,022	0,286	0,000	0,010	0,010	FALSE
-0,207	0,269	-0,008	0,013	0,271	FALSE
0,207	0,268	0,008	0,011	0,340	FALSE
-0,045	0,269	0,000	0,009	0,000	FALSE
0,005	0,287	0,000	0,012	0,002	FALSE
0,005	0,269	0,002	0,012	0,051	FALSE
0,147	0,283	0,005	0,012	0,151	FALSE
-0,163	0,282	-0,006	0,010	0,268	FALSE
-0,140	0,261	-0,007	0,012	0,251	FALSE
0,024	0,282	0,003	0,012	0,106	FALSE
-0,006	0,289	0,000	0,010	0,017	FALSE
-0,042	0,261	-0,004	0,017	0,097	FALSE
-0,086	0,278	-0,005	0,017	0,125	FALSE
-0,008	0,283	0,000	0,010	0,016	FALSE

0,005	0,283	0,001	0,012	0,029	FALSE
-0,076	0,286	-0,003	0,016	0,061	FALSE
0,196	0,270	0,008	0,013	0,268	FALSE
-0,008	0,276	0,001	0,017	0,021	FALSE
-0,036	0,276	-0,001	0,017	0,012	FALSE
-0,027	0,286	0,000	0,018	0,003	FALSE
-0,039	0,293	-0,002	0,018	0,030	FALSE
-0,121	0,281	-0,005	0,018	0,115	FALSE
-0,133	0,290	-0,006	0,011	0,223	FALSE
0,084	0,301	0,002	0,010	0,081	FALSE
0,004	0,282	0,002	0,016	0,046	FALSE
0,059	0,277	0,005	0,015	0,127	FALSE
0,085	0,271	0,006	0,014	0,175	FALSE
0,075	0,287	0,003	0,011	0,102	FALSE
-0,073	0,286	-0,003	0,014	0,077	FALSE
0,094	0,273	0,001	0,009	0,047	FALSE
0,010	0,295	0,000	0,018	0,008	FALSE
-0,041	0,274	-0,003	0,012	0,096	FALSE
0,009	0,276	0,002	0,016	0,043	FALSE
-0,250	0,272	-0,009	0,010	0,393	FALSE
0,227	0,275	0,013	0,017	0,374	FALSE
0,013	0,272	0,000	0,013	0,013	FALSE
-0,065	0,278	-0,004	0,015	0,097	FALSE
-0,177	0,281	-0,006	0,012	0,232	FALSE
-0,130	0,279	-0,007	0,011	0,275	FALSE
0,009	0,281	0,000	0,017	0,007	FALSE
0,074	0,275	0,001	0,009	0,055	FALSE
0,169	0,293	0,006	0,014	0,195	FALSE
-0,049	0,284	-0,003	0,014	0,093	FALSE
0,048	0,287	0,002	0,014	0,057	FALSE
-0,121	0,278	-0,007	0,012	0,275	FALSE
0,039	0,305	0,002	0,015	0,053	FALSE
0,127	0,279	0,005	0,013	0,158	FALSE
0,044	0,286	0,001	0,016	0,031	FALSE
-0,135	0,269	-0,007	0,013	0,228	FALSE
-0,263	0,263	-0,012	0,014	0,399	FALSE
0,015	0,294	0,001	0,011	0,040	FALSE
0,063	0,285	0,002	0,017	0,033	FALSE
0,190	0,276	0,006	0,011	0,222	FALSE
0,112	0,286	0,004	0,015	0,103	FALSE
-0,197	0,286	-0,006	0,010	0,260	FALSE
0,074	0,284	0,001	0,009	0,056	FALSE
-0,081	0,274	-0,003	0,009	0,122	FALSE
0,038	0,278	0,002	0,010	0,098	FALSE
0,029	0,277	0,002	0,010	0,065	FALSE
0,026	0,276	-0,001	0,010	0,029	FALSE
0,105	0,281	0,005	0,010	0,197	FALSE
0,117	0,288	0,005	0,011	0,210	FALSE
0,029	0,291	0,002	0,018	0,038	FALSE
-0,266	0,276	-0,011	0,012	0,441	FALSE
-0,268	0,280	-0,011	0,012	0,411	FALSE
-0,128	0,297	-0,007	0,017	0,173	FALSE
-0,100	0,288	-0,004	0,011	0,135	FALSE

-0,016	0,283	0,001	0,015	0,024	FALSE
0,004	0,284	0,002	0,015	0,051	FALSE
-0,114	0,287	-0,005	0,011	0,174	FALSE
0,036	0,284	0,003	0,016	0,075	FALSE
-0,026	0,284	-0,001	0,009	0,043	FALSE
-0,032	0,290	-0,002	0,013	0,067	FALSE
-0,018	0,293	-0,002	0,014	0,065	FALSE
0,052	0,274	0,001	0,010	0,038	FALSE
-0,102	0,286	-0,009	0,018	0,200	FALSE
0,073	0,272	0,004	0,011	0,137	FALSE
0,097	0,281	0,002	0,013	0,066	FALSE
-0,054	0,291	-0,005	0,018	0,106	FALSE
-0,145	0,284	-0,004	0,010	0,164	FALSE
-0,022	0,281	0,000	0,013	0,005	FALSE
0,033	0,270	0,002	0,009	0,071	FALSE
0,218	0,260	0,005	0,010	0,220	FALSE
0,125	0,283	0,007	0,017	0,162	FALSE
-0,028	0,279	-0,002	0,018	0,049	FALSE
0,065	0,292	0,002	0,011	0,075	FALSE
-0,084	0,278	-0,001	0,009	0,045	FALSE
0,175	0,284	0,007	0,012	0,272	FALSE
0,084	0,274	0,003	0,009	0,116	FALSE
-0,166	0,283	-0,006	0,012	0,228	FALSE
0,139	0,296	0,006	0,016	0,168	FALSE
0,164	0,284	0,013	0,017	0,331	FALSE
-0,093	0,288	-0,004	0,011	0,141	FALSE
-0,116	0,292	-0,005	0,011	0,183	FALSE
-0,047	0,296	0,000	0,010	0,016	FALSE
0,184	0,275	0,005	0,010	0,207	FALSE
0,001	0,280	-0,002	0,010	0,059	FALSE
0,074	0,295	0,005	0,016	0,107	FALSE
0,039	0,291	0,004	0,017	0,084	FALSE
0,105	0,297	0,003	0,009	0,136	FALSE
0,059	0,276	0,002	0,014	0,040	FALSE
0,171	0,286	0,009	0,016	0,240	FALSE
0,184	0,282	0,010	0,017	0,265	FALSE
0,033	0,291	0,001	0,010	0,020	FALSE
0,042	0,270	0,000	0,011	0,007	FALSE
-0,007	0,287	0,000	0,011	0,011	FALSE
-0,096	0,288	-0,005	0,015	0,133	FALSE
-0,227	0,276	-0,008	0,013	0,285	FALSE
0,053	0,272	0,002	0,016	0,052	FALSE
0,083	0,281	0,002	0,014	0,051	FALSE
-0,116	0,281	-0,006	0,018	0,135	FALSE
-0,037	0,292	-0,001	0,017	0,027	FALSE
-0,040	0,275	-0,003	0,014	0,087	FALSE
0,031	0,276	0,001	0,010	0,050	FALSE
0,038	0,284	0,002	0,010	0,084	FALSE
-0,052	0,288	-0,003	0,017	0,063	FALSE
0,103	0,288	0,003	0,010	0,108	FALSE
-0,021	0,279	-0,002	0,011	0,079	FALSE
-0,032	0,274	0,000	0,016	0,011	FALSE
-0,045	0,284	-0,003	0,016	0,066	FALSE

-0,108	0,274	-0,003	0,012	0,084	FALSE
0,167	0,258	0,007	0,012	0,245	FALSE
-0,013	0,274	-0,001	0,010	0,041	FALSE
0,065	0,290	0,003	0,010	0,125	FALSE
0,031	0,289	0,002	0,011	0,060	FALSE
0,021	0,290	0,001	0,013	0,014	FALSE
-0,036	0,277	-0,003	0,014	0,068	FALSE
-0,105	0,290	-0,007	0,017	0,176	FALSE
0,036	0,262	0,002	0,008	0,106	FALSE
0,037	0,285	0,002	0,009	0,102	FALSE
-0,103	0,298	-0,006	0,018	0,137	FALSE
-0,025	0,283	-0,001	0,010	0,026	FALSE
0,055	0,287	0,003	0,015	0,082	FALSE
0,067	0,271	0,002	0,017	0,041	FALSE
-0,123	0,270	-0,008	0,015	0,223	FALSE
-0,137	0,252	-0,010	0,017	0,259	FALSE
-0,138	0,281	-0,005	0,011	0,189	FALSE
0,058	0,274	0,001	0,011	0,041	FALSE
-0,047	0,287	0,000	0,009	0,006	FALSE
0,053	0,286	0,003	0,016	0,078	FALSE
0,064	0,277	0,003	0,013	0,076	FALSE
0,022	0,284	0,001	0,010	0,031	FALSE
0,060	0,277	0,004	0,009	0,176	FALSE
0,017	0,291	0,003	0,017	0,068	FALSE
0,042	0,293	0,000	0,014	0,005	FALSE
-0,085	0,288	-0,003	0,010	0,112	FALSE
0,053	0,283	0,002	0,012	0,047	FALSE
-0,089	0,286	-0,002	0,009	0,110	FALSE
-0,018	0,287	0,000	0,012	0,012	FALSE
0,036	0,284	0,002	0,011	0,063	FALSE
-0,014	0,269	0,000	0,015	0,000	FALSE
-0,019	0,275	0,001	0,016	0,028	FALSE
-0,015	0,295	0,000	0,011	0,003	FALSE
-0,011	0,283	0,000	0,010	0,007	FALSE
0,158	0,278	0,006	0,013	0,186	FALSE
-0,160	0,289	-0,004	0,009	0,207	FALSE
0,071	0,283	0,004	0,011	0,153	FALSE
-0,045	0,288	0,000	0,017	0,000	FALSE
-0,057	0,305	-0,001	0,018	0,028	FALSE
0,021	0,279	0,002	0,016	0,044	FALSE
-0,015	0,280	0,002	0,013	0,047	FALSE
0,033	0,286	0,001	0,009	0,051	FALSE
0,008	0,283	0,000	0,017	0,008	FALSE
-0,008	0,284	0,001	0,009	0,052	FALSE
-0,011	0,287	-0,001	0,015	0,036	FALSE
0,210	0,271	0,007	0,009	0,335	FALSE
0,352	0,250	0,012	0,009	0,686	FALSE
0,310	0,263	0,011	0,010	0,524	FALSE
0,105	0,289	0,004	0,010	0,177	FALSE
0,329	0,242	0,011	0,010	0,603	FALSE
0,001	0,285	-0,001	0,010	0,038	FALSE
-0,260	0,268	-0,013	0,015	0,418	FALSE
-0,268	0,278	-0,014	0,016	0,429	FALSE

0,165	0,284	0,010	0,017	0,238	FALSE
-0,223	0,282	-0,012	0,016	0,341	FALSE
-0,113	0,287	-0,003	0,009	0,104	FALSE
0,037	0,295	0,000	0,013	0,010	FALSE
0,162	0,267	0,006	0,014	0,179	FALSE
0,058	0,277	0,003	0,016	0,058	FALSE
0,095	0,278	0,003	0,009	0,149	FALSE
-0,051	0,290	-0,004	0,016	0,101	FALSE
0,098	0,283	0,006	0,011	0,213	FALSE
0,044	0,293	0,004	0,011	0,144	FALSE
-0,157	0,286	-0,004	0,009	0,206	FALSE
-0,176	0,281	-0,007	0,014	0,223	FALSE
0,266	0,259	0,014	0,016	0,426	FALSE
-0,179	0,293	-0,006	0,013	0,195	FALSE
-0,054	0,280	-0,003	0,014	0,077	FALSE
-0,214	0,274	-0,013	0,017	0,363	FALSE
0,124	0,269	0,004	0,010	0,163	FALSE
0,154	0,283	0,006	0,016	0,147	FALSE
0,097	0,289	0,003	0,010	0,119	FALSE
0,159	0,289	0,009	0,017	0,231	FALSE
-0,073	0,296	-0,002	0,010	0,075	FALSE
0,196	0,265	0,006	0,011	0,242	FALSE
-0,135	0,289	-0,004	0,008	0,183	FALSE
0,003	0,285	-0,001	0,012	0,025	FALSE
0,137	0,285	0,006	0,016	0,142	FALSE
-0,041	0,268	-0,001	0,012	0,034	FALSE
-0,071	0,287	-0,003	0,012	0,105	FALSE
0,040	0,290	0,003	0,011	0,092	FALSE
-0,044	0,294	-0,002	0,017	0,037	FALSE
-0,042	0,286	-0,001	0,016	0,031	FALSE
0,088	0,290	0,004	0,014	0,097	FALSE
0,101	0,276	0,004	0,014	0,117	FALSE
-0,055	0,280	-0,002	0,010	0,071	FALSE
-0,152	0,289	-0,004	0,010	0,146	FALSE
-0,153	0,269	-0,003	0,009	0,152	FALSE
-0,164	0,274	-0,005	0,012	0,168	FALSE
-0,164	0,273	-0,007	0,012	0,261	FALSE
0,189	0,284	0,006	0,011	0,241	FALSE
0,117	0,288	0,003	0,012	0,104	FALSE
0,126	0,287	0,005	0,014	0,141	FALSE
0,163	0,280	0,008	0,014	0,220	FALSE
0,080	0,293	0,003	0,012	0,099	FALSE
-0,006	0,300	0,000	0,018	0,000	FALSE
-0,080	0,290	-0,002	0,009	0,066	FALSE
0,116	0,285	0,004	0,012	0,116	FALSE
-0,033	0,280	-0,001	0,010	0,046	FALSE
-0,040	0,286	-0,001	0,012	0,039	FALSE
-0,066	0,299	-0,003	0,016	0,071	FALSE
-0,054	0,303	-0,003	0,016	0,059	FALSE
-0,036	0,301	-0,002	0,016	0,038	FALSE
-0,030	0,285	-0,001	0,015	0,031	FALSE
-0,074	0,302	-0,002	0,010	0,062	FALSE
0,145	0,273	0,009	0,017	0,208	FALSE

0,066	0,287	0,004	0,017	0,078	FALSE
-0,122	0,282	-0,005	0,011	0,183	FALSE
-0,088	0,279	-0,004	0,012	0,137	FALSE
0,030	0,292	0,002	0,009	0,088	FALSE
0,015	0,276	0,000	0,008	0,009	FALSE
-0,030	0,277	0,001	0,012	0,018	FALSE
0,116	0,269	0,002	0,011	0,066	FALSE
0,065	0,278	0,002	0,008	0,077	FALSE
0,101	0,273	0,002	0,008	0,099	FALSE
-0,029	0,278	-0,002	0,011	0,058	FALSE
-0,029	0,280	-0,004	0,015	0,107	FALSE
-0,120	0,277	-0,003	0,008	0,144	FALSE
-0,035	0,280	-0,002	0,008	0,092	FALSE
0,034	0,288	0,002	0,009	0,077	FALSE
-0,103	0,283	-0,004	0,015	0,105	FALSE
-0,179	0,282	-0,005	0,009	0,236	FALSE
0,143	0,276	0,003	0,009	0,159	FALSE
-0,012	0,291	0,001	0,010	0,030	FALSE
0,233	0,273	0,007	0,010	0,310	FALSE
-0,060	0,289	-0,003	0,017	0,057	FALSE
0,063	0,289	0,004	0,015	0,099	FALSE
-0,104	0,274	-0,004	0,018	0,084	FALSE
0,018	0,280	-0,002	0,017	0,040	FALSE
-0,055	0,291	-0,001	0,010	0,027	FALSE
0,147	0,285	0,005	0,013	0,180	FALSE
-0,092	0,287	-0,002	0,009	0,080	FALSE
-0,055	0,271	-0,002	0,015	0,062	FALSE
0,042	0,286	0,002	0,010	0,058	FALSE
0,003	0,272	0,000	0,010	0,012	FALSE
-0,006	0,285	-0,002	0,015	0,038	FALSE
-0,025	0,304	-0,001	0,014	0,027	FALSE
0,110	0,285	0,002	0,008	0,112	FALSE
0,097	0,290	0,004	0,012	0,119	FALSE
-0,123	0,282	-0,006	0,017	0,142	FALSE
0,129	0,262	0,006	0,016	0,144	FALSE
-0,039	0,290	-0,002	0,009	0,078	FALSE
0,145	0,262	0,007	0,016	0,194	FALSE
-0,002	0,273	0,001	0,016	0,029	FALSE
0,088	0,265	0,002	0,008	0,088	FALSE
0,044	0,283	0,001	0,016	0,012	FALSE
0,152	0,269	0,006	0,014	0,191	FALSE
0,155	0,281	0,007	0,014	0,198	FALSE
0,166	0,287	0,008	0,015	0,218	FALSE
-0,008	0,276	-0,004	0,017	0,082	FALSE
0,174	0,268	0,004	0,008	0,178	FALSE
0,036	0,297	0,002	0,015	0,055	FALSE
-0,041	0,284	-0,003	0,018	0,068	FALSE
0,080	0,263	0,004	0,013	0,109	FALSE
0,108	0,285	0,004	0,017	0,098	FALSE
0,128	0,283	0,005	0,016	0,120	FALSE
-0,037	0,271	-0,002	0,012	0,071	FALSE
0,099	0,286	0,004	0,017	0,083	FALSE
0,174	0,272	0,004	0,009	0,184	FALSE

-0,048	0,284	0,000	0,016	0,010	FALSE
0,014	0,270	0,000	0,015	0,008	FALSE
0,197	0,272	0,007	0,009	0,348	FALSE
0,200	0,277	0,013	0,017	0,349	FALSE
0,198	0,262	0,011	0,016	0,301	FALSE
0,115	0,289	0,004	0,010	0,186	FALSE
0,091	0,279	0,004	0,012	0,111	FALSE
-0,064	0,288	-0,001	0,013	0,040	FALSE
0,114	0,282	0,004	0,014	0,106	FALSE
0,085	0,284	0,003	0,015	0,078	FALSE
-0,059	0,295	-0,002	0,010	0,089	FALSE
0,021	0,289	0,001	0,009	0,041	FALSE
-0,022	0,297	0,001	0,013	0,028	FALSE
0,059	0,278	0,003	0,011	0,096	FALSE
0,098	0,283	0,004	0,010	0,179	FALSE
0,095	0,289	0,005	0,010	0,191	FALSE
0,145	0,289	0,005	0,010	0,192	FALSE
-0,046	0,278	-0,002	0,009	0,106	FALSE
0,018	0,287	0,004	0,017	0,086	FALSE
0,034	0,292	0,006	0,018	0,138	FALSE
0,138	0,265	0,005	0,009	0,256	FALSE
-0,087	0,279	-0,002	0,016	0,038	FALSE
0,068	0,269	0,005	0,014	0,162	FALSE
0,138	0,298	0,006	0,009	0,269	FALSE
-0,089	0,288	-0,003	0,013	0,100	FALSE
0,093	0,279	0,003	0,011	0,108	FALSE
-0,139	0,293	-0,004	0,010	0,172	FALSE
-0,067	0,290	-0,003	0,015	0,072	FALSE
0,015	0,255	-0,001	0,015	0,033	FALSE
0,001	0,263	-0,002	0,015	0,049	FALSE
0,053	0,290	0,002	0,017	0,039	FALSE
-0,041	0,292	-0,003	0,016	0,059	FALSE
-0,032	0,293	-0,001	0,009	0,051	FALSE
-0,002	0,292	-0,002	0,017	0,043	FALSE
-0,103	0,290	-0,004	0,015	0,095	FALSE
0,095	0,284	0,003	0,012	0,093	FALSE
0,022	0,307	0,001	0,017	0,012	FALSE
0,114	0,283	0,004	0,010	0,151	FALSE
-0,197	0,277	-0,011	0,014	0,353	FALSE
0,076	0,277	0,003	0,009	0,133	FALSE
-0,076	0,262	-0,010	0,016	0,271	FALSE
-0,060	0,269	-0,009	0,016	0,240	FALSE
-0,063	0,285	-0,002	0,013	0,050	FALSE
-0,180	0,272	-0,010	0,012	0,382	FALSE
0,003	0,269	-0,001	0,011	0,044	FALSE
-0,019	0,289	-0,002	0,016	0,052	FALSE
0,074	0,282	0,002	0,010	0,061	FALSE
0,080	0,284	0,003	0,010	0,108	FALSE
-0,036	0,290	0,000	0,015	0,000	FALSE
0,231	0,259	0,013	0,015	0,438	FALSE
-0,043	0,288	-0,002	0,009	0,071	FALSE
-0,029	0,275	-0,001	0,011	0,017	FALSE
0,004	0,303	0,000	0,014	0,002	FALSE

0,067	0,290	0,003	0,016	0,070	FALSE
-0,118	0,271	-0,005	0,013	0,152	FALSE
-0,005	0,286	-0,003	0,017	0,059	FALSE
0,086	0,289	0,003	0,017	0,074	FALSE
0,016	0,297	0,001	0,012	0,036	FALSE
0,064	0,279	0,002	0,017	0,050	FALSE
0,008	0,276	-0,002	0,015	0,036	FALSE
0,028	0,287	0,003	0,015	0,086	FALSE
-0,137	0,265	-0,008	0,013	0,288	FALSE
-0,108	0,292	-0,002	0,009	0,092	FALSE
0,090	0,268	0,005	0,016	0,123	FALSE
-0,001	0,290	0,000	0,011	0,004	FALSE
0,117	0,272	0,004	0,016	0,104	FALSE
0,172	0,277	0,005	0,008	0,231	FALSE
-0,079	0,269	-0,003	0,009	0,112	FALSE
0,075	0,287	0,004	0,017	0,085	FALSE
0,008	0,282	0,001	0,011	0,030	FALSE
-0,038	0,290	-0,001	0,009	0,062	FALSE
0,024	0,275	0,001	0,013	0,019	FALSE
-0,043	0,302	0,000	0,014	0,010	FALSE
-0,004	0,283	-0,001	0,015	0,013	FALSE
0,098	0,281	0,003	0,016	0,084	FALSE
0,080	0,288	0,003	0,012	0,109	FALSE
0,098	0,277	0,002	0,009	0,086	FALSE
0,134	0,283	0,007	0,015	0,197	FALSE
0,064	0,293	0,003	0,015	0,085	FALSE
-0,029	0,277	-0,004	0,016	0,082	FALSE
0,162	0,265	0,006	0,014	0,180	FALSE
-0,017	0,268	-0,003	0,016	0,064	FALSE
0,053	0,298	0,001	0,010	0,031	FALSE
0,003	0,288	0,001	0,009	0,041	FALSE
0,051	0,276	0,005	0,014	0,133	FALSE
-0,130	0,275	-0,007	0,013	0,204	FALSE
0,180	0,276	0,007	0,012	0,261	FALSE
-0,108	0,286	-0,003	0,012	0,098	FALSE
-0,043	0,292	-0,001	0,011	0,017	FALSE
-0,174	0,280	-0,011	0,016	0,288	FALSE
-0,055	0,295	0,000	0,011	0,015	FALSE
0,113	0,278	0,007	0,015	0,203	FALSE
-0,059	0,288	-0,001	0,011	0,022	FALSE
-0,128	0,275	-0,008	0,016	0,197	FALSE
0,065	0,280	0,002	0,017	0,052	FALSE
-0,206	0,287	-0,010	0,017	0,248	FALSE
0,251	0,267	0,007	0,010	0,330	FALSE
0,094	0,290	0,004	0,015	0,099	FALSE
0,187	0,272	0,006	0,009	0,273	FALSE
0,058	0,288	0,002	0,009	0,080	FALSE
-0,070	0,284	-0,001	0,008	0,045	FALSE
0,273	0,252	0,007	0,009	0,386	FALSE
-0,070	0,281	0,000	0,009	0,003	FALSE
-0,055	0,282	0,000	0,017	0,008	FALSE
0,003	0,278	0,001	0,016	0,024	FALSE
-0,021	0,277	0,000	0,011	0,004	FALSE

-0,136	0,276	-0,006	0,015	0,152	FALSE
0,024	0,280	0,000	0,008	0,003	FALSE
0,039	0,299	0,003	0,014	0,081	FALSE
-0,075	0,288	-0,001	0,012	0,030	FALSE
0,231	0,278	0,014	0,016	0,402	FALSE
0,075	0,286	0,004	0,011	0,130	FALSE
0,036	0,281	0,004	0,017	0,085	FALSE
0,211	0,289	0,006	0,010	0,271	FALSE
-0,176	0,287	-0,006	0,012	0,228	FALSE
0,145	0,278	0,004	0,010	0,191	FALSE
0,219	0,268	0,012	0,016	0,324	FALSE
0,271	0,263	0,009	0,010	0,455	FALSE
-0,009	0,291	-0,001	0,014	0,026	FALSE
-0,029	0,286	-0,001	0,012	0,028	FALSE
-0,072	0,293	-0,001	0,009	0,059	FALSE
-0,016	0,303	0,000	0,012	0,001	FALSE
-0,133	0,281	-0,003	0,009	0,129	FALSE
0,048	0,283	0,001	0,017	0,020	FALSE
-0,012	0,283	0,000	0,009	0,017	FALSE
0,000	0,271	-0,001	0,013	0,038	FALSE
0,016	0,288	0,001	0,014	0,034	FALSE
-0,176	0,272	-0,007	0,012	0,256	FALSE
0,006	0,279	0,002	0,016	0,056	FALSE
-0,021	0,272	-0,001	0,008	0,039	FALSE
-0,144	0,279	-0,004	0,009	0,201	FALSE
0,036	0,303	0,003	0,016	0,057	FALSE
0,129	0,284	0,006	0,013	0,187	FALSE
-0,048	0,283	-0,001	0,010	0,033	FALSE
-0,086	0,277	-0,005	0,017	0,107	FALSE
-0,011	0,283	-0,001	0,016	0,019	FALSE
0,019	0,291	-0,001	0,013	0,019	FALSE
0,029	0,299	0,001	0,017	0,019	FALSE
-0,053	0,292	-0,002	0,014	0,054	FALSE
0,024	0,290	-0,003	0,013	0,083	FALSE
-0,003	0,279	-0,004	0,017	0,101	FALSE
-0,215	0,288	-0,007	0,011	0,287	FALSE
-0,081	0,309	-0,003	0,014	0,094	FALSE
-0,053	0,284	-0,003	0,016	0,066	FALSE
0,026	0,286	0,001	0,014	0,014	FALSE
0,233	0,274	0,012	0,016	0,328	FALSE
-0,127	0,283	-0,007	0,015	0,182	FALSE
0,031	0,305	0,001	0,019	0,017	FALSE
0,131	0,275	0,003	0,009	0,114	FALSE
0,010	0,287	0,001	0,015	0,014	FALSE
0,147	0,263	0,003	0,009	0,129	FALSE
0,124	0,270	0,003	0,009	0,114	FALSE
0,137	0,263	0,003	0,009	0,141	FALSE
-0,115	0,274	-0,004	0,009	0,155	FALSE
-0,073	0,283	-0,002	0,012	0,058	FALSE
0,217	0,282	0,008	0,011	0,345	FALSE
0,081	0,279	0,004	0,014	0,102	FALSE
0,093	0,286	0,005	0,014	0,134	FALSE
0,105	0,283	0,006	0,017	0,128	FALSE

-0,025	0,284	0,000	0,017	0,010	FALSE
-0,001	0,301	0,000	0,012	0,003	FALSE
0,218	0,272	0,012	0,017	0,313	FALSE
-0,092	0,272	-0,003	0,009	0,141	FALSE
-0,046	0,283	0,001	0,012	0,025	FALSE
0,108	0,275	0,004	0,010	0,149	FALSE
-0,008	0,288	0,001	0,011	0,030	FALSE
0,043	0,294	0,001	0,010	0,051	FALSE
-0,110	0,279	-0,005	0,013	0,151	FALSE
0,029	0,287	0,000	0,017	0,008	FALSE
-0,093	0,291	-0,002	0,009	0,071	FALSE
-0,214	0,273	-0,008	0,012	0,297	FALSE
-0,095	0,292	-0,002	0,009	0,069	FALSE
0,160	0,280	0,006	0,013	0,205	FALSE
0,141	0,281	0,004	0,011	0,163	FALSE
0,143	0,280	0,003	0,009	0,140	FALSE
0,083	0,274	0,005	0,017	0,126	FALSE
0,044	0,291	0,004	0,017	0,098	FALSE
0,026	0,289	0,002	0,017	0,046	FALSE
0,067	0,285	0,005	0,017	0,116	FALSE
0,016	0,291	0,002	0,016	0,038	FALSE
0,141	0,282	0,005	0,010	0,183	FALSE
-0,090	0,269	-0,006	0,017	0,131	FALSE
0,006	0,295	0,000	0,014	0,007	FALSE
0,006	0,283	0,000	0,011	0,016	FALSE
-0,042	0,293	-0,002	0,014	0,056	FALSE
0,056	0,290	0,004	0,016	0,090	FALSE
0,061	0,279	0,002	0,010	0,090	FALSE
0,072	0,300	0,006	0,017	0,132	FALSE
0,111	0,278	0,006	0,016	0,135	FALSE
-0,115	0,273	-0,005	0,014	0,131	FALSE
-0,230	0,272	-0,012	0,016	0,333	FALSE
0,131	0,282	0,006	0,016	0,159	FALSE
0,164	0,273	0,007	0,015	0,189	FALSE
-0,136	0,283	-0,010	0,018	0,254	FALSE
0,174	0,272	0,007	0,015	0,203	FALSE
-0,015	0,278	0,001	0,013	0,035	FALSE
-0,084	0,271	-0,003	0,013	0,103	FALSE
-0,039	0,286	0,001	0,012	0,026	FALSE
-0,110	0,289	-0,003	0,013	0,079	FALSE
-0,010	0,278	0,000	0,015	0,007	FALSE
-0,223	0,270	-0,012	0,018	0,303	FALSE
-0,072	0,272	-0,003	0,014	0,087	FALSE
-0,030	0,290	0,000	0,009	0,014	FALSE
0,022	0,277	0,001	0,014	0,013	FALSE
0,032	0,272	0,001	0,014	0,028	FALSE
-0,141	0,283	-0,003	0,009	0,107	FALSE
-0,154	0,272	-0,003	0,010	0,103	FALSE
-0,005	0,281	0,001	0,014	0,014	FALSE
0,061	0,277	0,003	0,013	0,101	FALSE
-0,054	0,300	-0,002	0,009	0,060	FALSE
-0,032	0,306	-0,001	0,011	0,036	FALSE
0,211	0,292	0,010	0,014	0,316	FALSE

0,090	0,282	0,004	0,011	0,132	FALSE
0,009	0,277	0,001	0,015	0,035	FALSE
-0,042	0,283	-0,004	0,017	0,092	FALSE
0,149	0,282	0,007	0,014	0,225	FALSE
-0,208	0,273	-0,006	0,012	0,226	FALSE
-0,057	0,289	-0,001	0,012	0,029	FALSE
0,039	0,286	0,003	0,010	0,123	FALSE
0,002	0,281	0,000	0,012	0,014	FALSE
0,063	0,290	0,001	0,015	0,032	FALSE
0,142	0,270	0,005	0,011	0,167	FALSE
-0,038	0,276	0,000	0,012	0,001	FALSE
-0,248	0,281	-0,011	0,014	0,352	FALSE
0,083	0,283	0,002	0,017	0,046	FALSE
0,105	0,298	0,005	0,016	0,122	FALSE
0,143	0,280	0,009	0,018	0,211	FALSE
-0,124	0,281	-0,007	0,015	0,197	FALSE
0,074	0,274	0,002	0,008	0,078	FALSE
0,049	0,300	0,004	0,015	0,113	FALSE
-0,111	0,297	-0,006	0,013	0,174	FALSE
0,015	0,286	0,001	0,009	0,055	FALSE
-0,037	0,292	-0,002	0,016	0,040	FALSE
0,081	0,288	0,008	0,017	0,197	FALSE
-0,034	0,284	-0,004	0,012	0,114	FALSE
-0,118	0,278	-0,003	0,011	0,122	FALSE
-0,032	0,273	-0,003	0,012	0,088	FALSE
0,033	0,292	0,002	0,009	0,087	FALSE
0,072	0,286	0,004	0,017	0,101	FALSE
-0,079	0,283	-0,002	0,013	0,062	FALSE
0,112	0,285	0,006	0,015	0,168	FALSE
-0,030	0,294	-0,001	0,011	0,050	FALSE
0,185	0,265	0,006	0,017	0,142	FALSE
-0,118	0,295	-0,006	0,016	0,136	FALSE
0,036	0,292	0,000	0,017	0,010	FALSE
0,015	0,274	0,000	0,011	0,004	FALSE
-0,138	0,296	-0,008	0,012	0,279	FALSE
-0,011	0,289	-0,001	0,012	0,035	FALSE
-0,009	0,278	0,000	0,009	0,015	FALSE
-0,180	0,286	-0,009	0,018	0,225	FALSE
-0,141	0,291	-0,007	0,017	0,158	FALSE
0,098	0,264	0,007	0,017	0,167	FALSE
-0,124	0,296	-0,004	0,013	0,139	FALSE
0,090	0,282	0,004	0,015	0,116	FALSE
0,131	0,274	0,006	0,010	0,245	FALSE
-0,023	0,271	-0,001	0,014	0,022	FALSE
0,102	0,284	0,006	0,016	0,149	FALSE
-0,113	0,282	-0,005	0,012	0,173	FALSE
0,124	0,288	0,004	0,011	0,163	FALSE
-0,085	0,282	-0,002	0,011	0,075	FALSE
0,048	0,276	0,001	0,010	0,023	FALSE
0,114	0,284	0,004	0,010	0,157	FALSE
-0,304	0,274	-0,012	0,013	0,466	FALSE
0,091	0,286	0,005	0,013	0,142	FALSE
-0,197	0,285	-0,005	0,008	0,312	FALSE

-0,267	0,271	-0,009	0,009	0,476	FALSE
0,099	0,289	0,004	0,011	0,160	FALSE
0,016	0,294	-0,001	0,011	0,037	FALSE
-0,032	0,296	0,000	0,014	0,011	FALSE
0,037	0,284	0,001	0,015	0,033	FALSE
0,045	0,299	0,004	0,018	0,081	FALSE
-0,009	0,287	0,000	0,015	0,001	FALSE
0,086	0,271	0,002	0,008	0,089	FALSE
-0,040	0,304	-0,002	0,019	0,039	FALSE
0,050	0,285	0,004	0,013	0,123	FALSE
0,066	0,295	0,001	0,011	0,032	FALSE
0,034	0,291	0,002	0,011	0,057	FALSE
0,003	0,273	0,002	0,014	0,045	FALSE
0,007	0,270	0,002	0,014	0,042	FALSE
-0,014	0,288	0,000	0,015	0,006	FALSE
0,043	0,277	0,002	0,009	0,071	FALSE
0,016	0,282	0,002	0,015	0,045	FALSE
0,061	0,272	-0,001	0,018	0,016	FALSE
0,062	0,284	0,001	0,012	0,039	FALSE
-0,062	0,285	-0,004	0,015	0,090	FALSE
0,168	0,285	0,009	0,017	0,220	FALSE
-0,113	0,279	-0,005	0,014	0,137	FALSE
0,138	0,277	0,007	0,017	0,152	FALSE
0,096	0,293	0,003	0,011	0,108	FALSE
0,021	0,273	0,000	0,014	0,011	FALSE
0,026	0,272	0,000	0,015	0,010	FALSE
-0,078	0,297	-0,001	0,009	0,036	FALSE
-0,093	0,285	-0,001	0,009	0,051	FALSE
0,001	0,288	0,000	0,010	0,007	FALSE
-0,056	0,291	0,000	0,012	0,006	FALSE
-0,063	0,291	-0,005	0,016	0,118	FALSE
0,045	0,295	0,002	0,010	0,060	FALSE
0,087	0,288	0,001	0,011	0,018	FALSE
-0,009	0,274	-0,001	0,010	0,040	FALSE
-0,110	0,280	-0,004	0,011	0,136	FALSE
0,005	0,289	-0,001	0,009	0,024	FALSE
0,041	0,274	0,003	0,013	0,086	FALSE
0,059	0,273	0,000	0,012	0,014	FALSE
0,026	0,285	0,001	0,011	0,032	FALSE
0,040	0,285	0,001	0,010	0,048	FALSE
0,025	0,285	0,000	0,009	0,013	FALSE
-0,049	0,272	-0,003	0,012	0,104	FALSE
0,211	0,272	0,006	0,008	0,299	FALSE
-0,107	0,295	-0,006	0,018	0,143	FALSE
-0,227	0,282	-0,010	0,015	0,317	FALSE
-0,099	0,290	-0,004	0,012	0,124	FALSE
-0,064	0,283	-0,004	0,017	0,090	FALSE
-0,073	0,287	-0,003	0,015	0,071	FALSE
-0,073	0,290	-0,002	0,009	0,108	FALSE
-0,110	0,283	-0,007	0,016	0,180	FALSE
-0,033	0,286	-0,002	0,015	0,053	FALSE
0,265	0,254	0,006	0,008	0,322	FALSE
0,059	0,290	0,001	0,010	0,036	FALSE

-0,087	0,291	-0,004	0,012	0,136	FALSE
0,113	0,287	0,002	0,009	0,088	FALSE
0,048	0,290	0,000	0,011	0,013	FALSE
-0,109	0,286	-0,004	0,011	0,147	FALSE
0,180	0,274	0,009	0,017	0,225	FALSE
-0,219	0,278	-0,010	0,017	0,259	FALSE
0,155	0,286	0,006	0,012	0,206	FALSE
0,006	0,278	0,002	0,009	0,092	FALSE
-0,130	0,274	-0,002	0,012	0,079	FALSE
0,094	0,283	0,003	0,014	0,071	FALSE
0,149	0,284	0,011	0,016	0,304	FALSE
-0,018	0,276	0,003	0,017	0,064	FALSE
-0,116	0,286	-0,005	0,011	0,177	FALSE
0,286	0,260	0,007	0,009	0,369	FALSE
-0,044	0,300	-0,003	0,013	0,074	FALSE
-0,229	0,290	-0,007	0,009	0,383	FALSE
-0,103	0,274	-0,003	0,012	0,104	FALSE
-0,011	0,289	-0,003	0,017	0,056	FALSE
0,044	0,279	0,000	0,009	0,001	FALSE
-0,081	0,285	-0,003	0,012	0,090	FALSE
-0,009	0,280	-0,003	0,015	0,076	FALSE
-0,117	0,290	-0,002	0,009	0,092	FALSE
-0,181	0,272	-0,007	0,012	0,263	FALSE
-0,201	0,263	-0,009	0,016	0,241	FALSE
0,305	0,265	0,013	0,014	0,490	FALSE
-0,273	0,279	-0,016	0,017	0,436	FALSE
-0,164	0,283	-0,005	0,012	0,180	FALSE
0,081	0,284	0,005	0,013	0,159	FALSE
-0,004	0,280	0,001	0,011	0,052	FALSE
0,137	0,276	0,010	0,017	0,260	FALSE
0,038	0,289	0,003	0,016	0,065	FALSE
-0,142	0,295	-0,004	0,009	0,160	FALSE
-0,170	0,285	-0,005	0,010	0,201	FALSE
0,118	0,289	0,005	0,015	0,139	FALSE
0,002	0,283	0,000	0,010	0,007	FALSE
0,036	0,288	0,001	0,017	0,030	FALSE
-0,162	0,284	-0,005	0,012	0,183	FALSE
0,096	0,268	0,004	0,010	0,138	FALSE
-0,037	0,284	-0,001	0,012	0,018	FALSE
-0,086	0,296	-0,009	0,017	0,210	FALSE
0,102	0,273	0,004	0,017	0,079	FALSE
-0,043	0,285	0,000	0,009	0,009	FALSE
0,066	0,281	0,002	0,012	0,063	FALSE
0,000	0,281	0,001	0,010	0,023	FALSE
0,198	0,269	0,005	0,008	0,290	FALSE
-0,011	0,305	0,000	0,012	0,010	FALSE
0,073	0,280	0,003	0,014	0,078	FALSE
0,033	0,276	0,001	0,014	0,020	FALSE
0,056	0,276	0,003	0,013	0,081	FALSE
0,136	0,262	0,003	0,009	0,111	FALSE
0,128	0,272	0,002	0,009	0,096	FALSE
0,013	0,285	0,001	0,012	0,030	FALSE
-0,022	0,282	0,001	0,011	0,038	FALSE

0,222	0,276	0,008	0,012	0,317	FALSE
-0,098	0,271	-0,005	0,017	0,116	FALSE
0,289	0,258	0,011	0,012	0,431	FALSE
0,003	0,282	-0,001	0,011	0,020	FALSE
0,215	0,263	0,014	0,016	0,399	FALSE
0,014	0,284	0,000	0,009	0,001	FALSE
-0,085	0,281	-0,002	0,010	0,086	FALSE
-0,175	0,279	-0,010	0,014	0,310	FALSE
0,154	0,283	0,005	0,010	0,233	FALSE
0,160	0,280	0,005	0,010	0,238	FALSE
-0,077	0,295	-0,006	0,015	0,149	FALSE
0,002	0,281	0,003	0,017	0,064	FALSE
0,071	0,281	0,006	0,017	0,146	FALSE
-0,056	0,283	-0,003	0,015	0,084	FALSE
-0,068	0,295	-0,004	0,017	0,095	FALSE
-0,194	0,273	-0,008	0,013	0,276	FALSE
0,047	0,287	0,002	0,016	0,041	FALSE
0,153	0,268	0,004	0,009	0,177	FALSE
-0,069	0,281	-0,006	0,014	0,194	FALSE
0,200	0,271	0,007	0,010	0,346	FALSE
-0,078	0,291	-0,006	0,014	0,160	FALSE
-0,067	0,281	-0,004	0,018	0,075	FALSE
-0,068	0,281	-0,005	0,016	0,112	FALSE
-0,080	0,279	-0,005	0,016	0,116	FALSE
0,072	0,280	0,005	0,016	0,124	FALSE
0,045	0,290	0,003	0,012	0,104	FALSE
0,034	0,269	-0,003	0,016	0,059	FALSE
0,022	0,296	0,001	0,014	0,034	FALSE
-0,024	0,279	-0,001	0,009	0,022	FALSE
-0,027	0,284	-0,001	0,011	0,027	FALSE
-0,048	0,297	0,000	0,012	0,002	FALSE
0,058	0,294	0,001	0,018	0,029	FALSE
0,018	0,287	0,001	0,009	0,035	FALSE
-0,112	0,281	-0,004	0,011	0,136	FALSE
-0,039	0,273	-0,005	0,017	0,101	FALSE
-0,042	0,286	-0,001	0,012	0,019	FALSE
0,047	0,288	0,003	0,015	0,070	FALSE
0,145	0,284	0,005	0,016	0,140	FALSE
0,158	0,300	0,006	0,016	0,167	FALSE
0,055	0,280	0,003	0,012	0,094	FALSE
-0,051	0,284	-0,002	0,010	0,089	FALSE
-0,061	0,294	-0,004	0,018	0,089	FALSE
0,081	0,280	0,002	0,010	0,068	FALSE
-0,023	0,275	-0,001	0,010	0,032	FALSE
-0,021	0,285	0,000	0,016	0,003	FALSE
-0,045	0,277	-0,001	0,015	0,025	FALSE
-0,007	0,283	0,001	0,015	0,017	FALSE
0,065	0,302	0,005	0,018	0,103	FALSE
-0,069	0,285	-0,003	0,011	0,098	FALSE
0,191	0,274	0,009	0,018	0,204	FALSE
0,024	0,295	0,001	0,012	0,041	FALSE
0,050	0,278	0,003	0,016	0,065	FALSE
-0,072	0,277	-0,003	0,015	0,080	FALSE

0,018	0,295	0,002	0,011	0,054	FALSE
0,103	0,285	0,004	0,013	0,130	FALSE
0,124	0,295	0,005	0,012	0,160	FALSE
-0,215	0,265	-0,011	0,017	0,292	FALSE
-0,245	0,285	-0,011	0,015	0,353	FALSE
0,170	0,274	0,005	0,014	0,127	FALSE
0,002	0,282	0,002	0,011	0,054	FALSE
-0,001	0,280	0,004	0,017	0,099	FALSE
0,013	0,273	0,001	0,010	0,029	FALSE
0,050	0,272	0,001	0,013	0,029	FALSE
-0,015	0,286	0,000	0,009	0,019	FALSE
-0,203	0,285	-0,006	0,009	0,295	FALSE
0,126	0,284	0,005	0,012	0,160	FALSE
-0,110	0,294	-0,002	0,009	0,089	FALSE
0,045	0,274	0,000	0,014	0,008	FALSE
0,068	0,291	0,004	0,017	0,075	FALSE
-0,019	0,289	0,000	0,011	0,004	FALSE
0,181	0,289	0,005	0,009	0,278	FALSE
-0,180	0,276	-0,005	0,012	0,192	FALSE
0,136	0,285	0,004	0,016	0,105	FALSE
-0,033	0,287	-0,002	0,014	0,041	FALSE
-0,153	0,289	-0,007	0,015	0,190	FALSE
-0,032	0,281	-0,002	0,009	0,091	FALSE
-0,078	0,300	-0,002	0,013	0,058	FALSE
-0,220	0,267	-0,008	0,011	0,326	FALSE
-0,268	0,277	-0,014	0,016	0,417	FALSE
0,010	0,295	-0,001	0,011	0,036	FALSE
-0,225	0,275	-0,006	0,010	0,283	FALSE
0,054	0,285	0,003	0,013	0,079	FALSE
-0,011	0,285	0,001	0,009	0,055	FALSE
0,045	0,286	0,002	0,013	0,052	FALSE
-0,106	0,291	-0,004	0,012	0,138	FALSE
-0,130	0,295	-0,008	0,018	0,198	FALSE
0,170	0,283	0,008	0,014	0,240	FALSE
0,169	0,272	0,004	0,009	0,186	FALSE
-0,028	0,265	-0,001	0,010	0,037	FALSE
0,096	0,291	0,003	0,010	0,122	FALSE
0,082	0,291	0,003	0,016	0,075	FALSE
0,001	0,290	0,001	0,018	0,019	FALSE
0,078	0,267	0,005	0,012	0,181	FALSE
0,035	0,285	0,000	0,016	0,004	FALSE
-0,049	0,282	-0,002	0,009	0,088	FALSE
0,053	0,281	0,003	0,013	0,076	FALSE
-0,058	0,284	-0,002	0,011	0,050	FALSE
0,001	0,281	0,000	0,015	0,003	FALSE
0,170	0,272	0,006	0,012	0,208	FALSE
-0,060	0,287	-0,004	0,018	0,084	FALSE
-0,085	0,276	-0,005	0,014	0,155	FALSE
0,056	0,286	0,003	0,011	0,103	FALSE
0,095	0,292	0,003	0,010	0,104	FALSE
0,105	0,290	0,003	0,011	0,100	FALSE
0,098	0,289	0,002	0,010	0,091	FALSE
-0,170	0,295	-0,005	0,010	0,215	FALSE

0,105	0,279	0,005	0,012	0,169	FALSE
0,225	0,279	0,011	0,016	0,320	FALSE
0,214	0,270	0,012	0,016	0,328	FALSE
-0,029	0,299	0,000	0,014	0,012	FALSE
0,034	0,270	0,000	0,008	0,015	FALSE
0,135	0,275	0,004	0,017	0,078	FALSE
0,043	0,270	-0,002	0,017	0,041	FALSE
-0,044	0,293	-0,001	0,009	0,049	FALSE
-0,086	0,286	-0,002	0,010	0,076	FALSE
0,137	0,274	0,007	0,013	0,229	FALSE
0,134	0,297	0,007	0,017	0,162	FALSE
0,078	0,287	0,002	0,009	0,060	FALSE
-0,075	0,269	-0,006	0,016	0,159	FALSE
-0,040	0,284	-0,003	0,014	0,077	FALSE
-0,023	0,297	-0,003	0,016	0,080	FALSE
0,071	0,285	0,002	0,010	0,066	FALSE
-0,110	0,284	-0,009	0,016	0,246	FALSE
-0,095	0,291	-0,007	0,016	0,168	FALSE
-0,009	0,278	0,000	0,008	0,021	FALSE
-0,042	0,286	-0,002	0,013	0,060	FALSE
0,037	0,275	0,002	0,012	0,049	TRUE
0,002	0,293	0,000	0,011	0,000	FALSE
0,012	0,289	0,001	0,012	0,027	FALSE
-0,035	0,274	0,000	0,013	0,013	FALSE
0,019	0,276	0,001	0,012	0,041	FALSE
-0,168	0,276	-0,005	0,010	0,222	FALSE
0,185	0,274	0,007	0,009	0,352	FALSE
0,020	0,262	0,000	0,012	0,013	FALSE
0,045	0,278	-0,001	0,017	0,014	FALSE
-0,032	0,285	-0,002	0,010	0,060	FALSE
-0,049	0,278	-0,003	0,010	0,098	FALSE
0,101	0,289	0,005	0,013	0,160	FALSE
-0,046	0,275	-0,002	0,011	0,059	FALSE
0,008	0,279	0,002	0,015	0,036	FALSE
-0,040	0,271	-0,001	0,009	0,027	FALSE
-0,060	0,276	-0,001	0,008	0,038	FALSE
0,052	0,286	0,002	0,018	0,031	FALSE
-0,118	0,276	-0,003	0,009	0,114	FALSE
-0,020	0,293	-0,002	0,015	0,049	FALSE
-0,060	0,293	-0,002	0,009	0,067	FALSE
0,118	0,298	0,004	0,010	0,165	FALSE
-0,043	0,283	-0,002	0,014	0,049	FALSE
0,011	0,289	0,000	0,015	0,008	FALSE
-0,113	0,295	-0,003	0,011	0,090	FALSE
0,103	0,302	0,007	0,017	0,162	FALSE
0,121	0,275	0,005	0,014	0,146	FALSE
0,236	0,262	0,010	0,014	0,315	FALSE
0,080	0,287	0,005	0,011	0,171	FALSE
0,039	0,286	0,004	0,016	0,089	FALSE
0,035	0,266	0,002	0,010	0,084	FALSE
-0,038	0,280	0,000	0,016	0,010	FALSE
-0,113	0,286	-0,006	0,018	0,138	FALSE
-0,064	0,279	-0,004	0,016	0,108	FALSE

-0,005	0,294	0,000	0,013	0,010	FALSE
0,026	0,295	0,002	0,010	0,081	FALSE
0,041	0,291	0,003	0,017	0,062	FALSE
0,094	0,278	0,003	0,010	0,102	FALSE
-0,138	0,279	-0,008	0,014	0,239	FALSE
0,072	0,279	0,002	0,014	0,055	FALSE
-0,078	0,287	-0,002	0,009	0,067	FALSE
0,022	0,283	0,001	0,010	0,021	FALSE
-0,224	0,275	-0,008	0,011	0,337	FALSE
-0,009	0,287	0,000	0,009	0,008	FALSE
0,002	0,291	0,000	0,009	0,017	FALSE
0,068	0,286	0,002	0,011	0,073	FALSE
-0,133	0,267	-0,004	0,013	0,121	FALSE
-0,145	0,277	-0,005	0,010	0,216	FALSE
-0,120	0,274	-0,002	0,010	0,074	FALSE
0,059	0,284	0,001	0,016	0,018	FALSE
0,143	0,274	0,008	0,016	0,213	FALSE
-0,114	0,283	-0,005	0,011	0,179	FALSE
-0,081	0,286	-0,002	0,009	0,075	FALSE
-0,146	0,301	-0,004	0,010	0,177	FALSE
0,132	0,265	0,009	0,016	0,235	FALSE
0,041	0,275	0,002	0,011	0,054	FALSE
0,008	0,286	-0,001	0,017	0,011	FALSE
0,021	0,280	0,002	0,012	0,055	FALSE
-0,123	0,278	-0,007	0,015	0,207	FALSE
0,144	0,281	0,005	0,011	0,188	FALSE
0,002	0,274	0,000	0,011	0,008	FALSE
0,044	0,282	0,002	0,012	0,061	FALSE
0,003	0,284	0,002	0,014	0,050	FALSE
-0,100	0,283	-0,004	0,010	0,147	FALSE
-0,121	0,282	-0,004	0,010	0,168	FALSE
0,137	0,292	0,005	0,015	0,121	FALSE
-0,049	0,291	-0,003	0,017	0,058	FALSE
0,213	0,267	0,007	0,010	0,320	FALSE
0,038	0,293	0,001	0,017	0,028	FALSE
0,051	0,283	0,001	0,008	0,056	FALSE
0,159	0,291	0,008	0,015	0,218	FALSE
0,079	0,264	0,004	0,010	0,149	FALSE
-0,092	0,285	-0,003	0,015	0,077	FALSE
-0,005	0,286	-0,001	0,011	0,038	FALSE
0,025	0,295	0,001	0,010	0,034	FALSE
0,141	0,279	0,008	0,013	0,260	FALSE
0,100	0,275	0,003	0,009	0,136	FALSE
0,164	0,275	0,004	0,009	0,199	FALSE
0,088	0,274	0,002	0,015	0,040	FALSE
0,167	0,282	0,004	0,010	0,180	FALSE
-0,042	0,265	0,000	0,014	0,002	FALSE
-0,021	0,292	0,000	0,017	0,002	FALSE
-0,033	0,302	-0,001	0,017	0,019	FALSE
-0,009	0,282	0,000	0,016	0,002	FALSE
-0,038	0,284	-0,001	0,016	0,021	FALSE
0,072	0,294	0,004	0,014	0,114	FALSE
-0,093	0,284	-0,003	0,013	0,099	FALSE

0,089	0,285	0,004	0,009	0,172	FALSE
-0,082	0,292	-0,005	0,013	0,146	FALSE
0,026	0,287	0,000	0,015	0,001	FALSE
-0,124	0,278	-0,006	0,011	0,227	FALSE
0,136	0,275	0,004	0,013	0,105	FALSE
-0,063	0,284	-0,002	0,010	0,059	FALSE
0,029	0,279	0,002	0,008	0,111	FALSE
-0,068	0,283	-0,003	0,015	0,068	FALSE
-0,104	0,287	-0,002	0,009	0,097	FALSE
0,006	0,284	0,000	0,009	0,014	FALSE
-0,117	0,294	-0,003	0,009	0,126	FALSE
0,029	0,287	0,000	0,010	0,013	FALSE
-0,029	0,289	0,000	0,018	0,009	FALSE
-0,065	0,294	-0,002	0,018	0,045	FALSE
-0,025	0,274	-0,002	0,015	0,047	FALSE
0,108	0,293	0,006	0,014	0,174	FALSE
0,171	0,274	0,007	0,013	0,240	FALSE
0,150	0,297	0,007	0,014	0,213	FALSE
-0,032	0,283	-0,002	0,017	0,052	FALSE
-0,009	0,283	0,001	0,015	0,015	FALSE
-0,092	0,291	-0,003	0,011	0,100	FALSE
0,022	0,285	0,000	0,009	0,005	FALSE
-0,039	0,287	-0,003	0,016	0,081	FALSE
0,038	0,280	0,001	0,012	0,037	FALSE
-0,145	0,267	-0,007	0,016	0,171	FALSE
0,075	0,288	0,002	0,008	0,077	FALSE
-0,106	0,284	-0,006	0,016	0,141	FALSE
0,056	0,279	0,003	0,017	0,078	FALSE
0,028	0,267	0,000	0,014	0,006	FALSE
0,012	0,272	-0,002	0,015	0,051	FALSE
-0,078	0,296	-0,002	0,012	0,076	FALSE
-0,055	0,293	-0,001	0,010	0,045	FALSE
-0,053	0,283	-0,002	0,009	0,077	FALSE
-0,040	0,279	-0,001	0,016	0,017	FALSE
0,080	0,279	0,003	0,009	0,113	FALSE
-0,027	0,286	-0,001	0,016	0,027	FALSE
0,052	0,288	0,002	0,015	0,039	FALSE
-0,021	0,286	-0,002	0,009	0,067	FALSE
-0,032	0,284	-0,002	0,010	0,092	FALSE
0,035	0,300	0,001	0,015	0,022	FALSE
-0,034	0,299	-0,002	0,014	0,043	FALSE
-0,089	0,295	-0,002	0,009	0,073	FALSE
-0,130	0,258	-0,007	0,016	0,174	FALSE
-0,073	0,277	-0,004	0,010	0,188	FALSE
0,143	0,278	0,003	0,009	0,162	FALSE
0,100	0,276	0,006	0,014	0,164	FALSE
0,070	0,280	0,001	0,016	0,019	FALSE
0,073	0,283	0,002	0,017	0,045	FALSE
-0,010	0,289	-0,001	0,010	0,028	FALSE
0,138	0,283	0,005	0,017	0,121	FALSE
-0,145	0,270	-0,006	0,013	0,209	FALSE
0,073	0,283	0,003	0,012	0,095	FALSE
-0,061	0,291	-0,004	0,015	0,109	FALSE

0,007	0,279	0,000	0,009	0,007	FALSE
0,094	0,290	0,005	0,018	0,106	FALSE
0,010	0,265	0,000	0,010	0,009	FALSE
0,123	0,285	0,005	0,013	0,160	FALSE
0,094	0,288	0,003	0,012	0,101	FALSE
0,028	0,288	0,002	0,011	0,075	FALSE
0,101	0,284	0,002	0,010	0,099	FALSE
0,012	0,289	0,000	0,016	0,001	FALSE
0,019	0,270	0,000	0,014	0,012	FALSE
-0,090	0,282	-0,006	0,017	0,132	FALSE
0,006	0,293	0,001	0,016	0,021	FALSE
-0,056	0,284	-0,003	0,015	0,084	FALSE
-0,007	0,275	-0,002	0,009	0,092	FALSE
0,085	0,297	0,005	0,018	0,107	FALSE
0,049	0,289	0,002	0,017	0,047	FALSE
0,043	0,283	0,001	0,011	0,026	FALSE
-0,001	0,279	-0,001	0,018	0,013	FALSE
-0,022	0,289	-0,002	0,018	0,050	FALSE
-0,067	0,286	-0,005	0,015	0,118	FALSE
-0,010	0,299	-0,002	0,009	0,061	FALSE
-0,080	0,284	-0,004	0,016	0,106	FALSE
0,003	0,273	0,001	0,013	0,018	FALSE
0,028	0,294	0,002	0,012	0,059	FALSE
-0,045	0,291	-0,001	0,009	0,058	FALSE
-0,035	0,281	-0,002	0,010	0,077	FALSE
-0,020	0,281	0,000	0,008	0,017	FALSE
-0,051	0,292	-0,002	0,009	0,067	FALSE
-0,075	0,279	-0,002	0,017	0,045	FALSE
-0,109	0,274	-0,002	0,015	0,060	FALSE
-0,038	0,286	-0,002	0,016	0,050	FALSE
0,166	0,278	0,008	0,014	0,263	FALSE
0,016	0,288	0,000	0,014	0,007	FALSE
-0,021	0,307	0,000	0,010	0,012	FALSE
0,255	0,273	0,006	0,009	0,304	FALSE
0,076	0,274	0,004	0,012	0,125	FALSE
0,006	0,299	0,002	0,009	0,081	FALSE
0,142	0,277	0,003	0,008	0,164	FALSE
-0,053	0,286	-0,004	0,017	0,100	FALSE
-0,108	0,281	-0,003	0,013	0,070	FALSE
0,042	0,289	0,000	0,009	0,017	FALSE
-0,105	0,272	-0,007	0,015	0,174	FALSE
0,167	0,277	0,004	0,010	0,185	FALSE
-0,168	0,279	-0,009	0,016	0,246	FALSE
-0,166	0,270	-0,009	0,016	0,256	FALSE
-0,122	0,280	-0,004	0,009	0,182	FALSE
-0,082	0,297	-0,002	0,010	0,062	FALSE
-0,220	0,275	-0,010	0,012	0,380	FALSE
0,091	0,282	0,003	0,010	0,110	FALSE
0,050	0,306	0,003	0,016	0,063	FALSE
-0,060	0,284	-0,001	0,011	0,042	FALSE
-0,159	0,293	-0,005	0,011	0,174	FALSE
0,016	0,283	0,002	0,010	0,070	FALSE
0,102	0,283	0,002	0,009	0,085	FALSE

-0,009	0,286	-0,002	0,009	0,070	FALSE
0,022	0,275	0,002	0,010	0,085	FALSE
0,000	0,301	-0,001	0,015	0,021	FALSE
0,067	0,287	0,001	0,010	0,040	FALSE
0,016	0,289	0,000	0,010	0,006	FALSE
0,104	0,289	0,005	0,013	0,141	FALSE
-0,151	0,274	-0,008	0,016	0,224	FALSE
0,082	0,285	0,001	0,010	0,054	FALSE
-0,124	0,288	-0,006	0,015	0,154	FALSE
0,008	0,286	0,001	0,013	0,020	FALSE
0,183	0,274	0,007	0,011	0,252	FALSE
-0,138	0,286	-0,005	0,012	0,183	FALSE
-0,094	0,287	-0,004	0,016	0,106	FALSE
0,088	0,293	0,006	0,016	0,147	FALSE
-0,154	0,288	-0,005	0,011	0,180	FALSE
-0,147	0,278	-0,008	0,013	0,271	FALSE
-0,166	0,278	-0,007	0,012	0,241	FALSE
-0,101	0,282	-0,010	0,016	0,275	FALSE
-0,137	0,290	-0,008	0,015	0,216	FALSE
-0,180	0,283	-0,012	0,016	0,321	FALSE
0,057	0,290	0,006	0,016	0,140	FALSE
-0,170	0,271	-0,011	0,016	0,293	FALSE
-0,284	0,250	-0,020	0,018	0,574	FALSE
0,018	0,293	-0,002	0,017	0,042	FALSE
-0,177	0,281	-0,006	0,011	0,236	FALSE
-0,033	0,275	0,000	0,009	0,013	FALSE
0,003	0,289	0,000	0,010	0,014	FALSE
0,113	0,283	0,004	0,012	0,124	FALSE
0,139	0,285	0,005	0,012	0,169	FALSE
0,034	0,290	0,004	0,017	0,086	FALSE
0,131	0,279	0,004	0,009	0,165	FALSE
-0,128	0,274	-0,007	0,015	0,182	FALSE
0,001	0,276	0,001	0,013	0,014	FALSE
-0,053	0,274	-0,001	0,009	0,023	FALSE
-0,059	0,299	0,000	0,012	0,007	FALSE
0,316	0,258	0,008	0,009	0,450	FALSE
0,034	0,279	-0,001	0,015	0,020	FALSE
0,088	0,280	0,002	0,017	0,035	FALSE
-0,090	0,286	-0,002	0,010	0,081	FALSE
-0,180	0,274	-0,011	0,015	0,320	FALSE
-0,161	0,274	-0,009	0,016	0,255	FALSE
-0,057	0,287	-0,005	0,017	0,115	FALSE
-0,023	0,285	-0,004	0,016	0,088	FALSE
0,128	0,278	0,007	0,016	0,179	FALSE
0,004	0,290	-0,001	0,011	0,037	FALSE
-0,252	0,270	-0,010	0,011	0,480	FALSE
-0,027	0,286	-0,001	0,011	0,016	FALSE
-0,078	0,282	-0,005	0,016	0,127	FALSE
-0,048	0,278	-0,001	0,010	0,030	FALSE
0,092	0,270	0,009	0,015	0,250	FALSE
0,076	0,260	0,004	0,012	0,119	FALSE
-0,178	0,290	-0,004	0,009	0,200	FALSE
-0,016	0,284	0,001	0,010	0,024	FALSE

-0,037	0,296	-0,002	0,016	0,049	FALSE
0,031	0,276	0,001	0,008	0,040	FALSE
0,179	0,273	0,006	0,011	0,243	FALSE
0,102	0,299	0,006	0,017	0,153	FALSE
0,003	0,276	0,001	0,015	0,015	FALSE
-0,102	0,275	-0,007	0,017	0,155	FALSE
-0,058	0,268	-0,001	0,011	0,048	FALSE
0,018	0,282	0,001	0,009	0,021	FALSE
-0,108	0,278	-0,004	0,012	0,118	FALSE
0,112	0,279	0,004	0,010	0,163	FALSE
-0,058	0,272	-0,001	0,009	0,060	FALSE
-0,023	0,294	0,000	0,012	0,005	FALSE
-0,076	0,282	-0,003	0,016	0,081	FALSE
0,056	0,294	0,003	0,010	0,104	FALSE
0,163	0,257	0,005	0,013	0,150	FALSE
0,160	0,271	0,004	0,009	0,187	FALSE
-0,058	0,285	-0,002	0,011	0,082	FALSE
-0,042	0,282	-0,004	0,014	0,110	FALSE
-0,226	0,273	-0,011	0,018	0,267	FALSE
-0,193	0,286	-0,009	0,018	0,210	FALSE
-0,116	0,287	-0,005	0,014	0,129	FALSE
0,103	0,279	0,003	0,010	0,105	FALSE
0,152	0,275	0,005	0,010	0,185	FALSE
-0,013	0,284	0,000	0,014	0,011	FALSE
-0,044	0,289	-0,001	0,014	0,029	FALSE
-0,199	0,277	-0,005	0,010	0,227	FALSE
-0,091	0,295	-0,003	0,013	0,086	FALSE
-0,080	0,290	-0,003	0,010	0,098	FALSE
-0,038	0,286	-0,001	0,015	0,017	FALSE
-0,116	0,282	-0,003	0,008	0,170	FALSE
-0,114	0,285	-0,004	0,010	0,153	FALSE
-0,093	0,289	-0,004	0,011	0,133	FALSE
0,052	0,289	0,003	0,009	0,111	FALSE
0,132	0,277	0,004	0,010	0,163	FALSE
0,052	0,286	0,002	0,017	0,045	FALSE
0,008	0,286	0,000	0,013	0,006	FALSE
-0,141	0,283	-0,005	0,011	0,171	FALSE
0,293	0,259	0,012	0,012	0,489	FALSE
0,150	0,281	0,006	0,014	0,177	FALSE
-0,031	0,290	0,000	0,008	0,001	FALSE
-0,034	0,287	-0,001	0,011	0,030	FALSE
-0,105	0,272	-0,004	0,015	0,115	FALSE
-0,010	0,289	0,000	0,017	0,009	FALSE
0,016	0,280	0,001	0,013	0,040	FALSE
0,127	0,280	0,003	0,008	0,125	FALSE
0,055	0,278	0,003	0,016	0,071	FALSE
-0,070	0,284	-0,004	0,018	0,091	FALSE
0,034	0,273	0,001	0,009	0,028	FALSE
-0,012	0,290	-0,002	0,012	0,062	FALSE
0,009	0,300	0,002	0,009	0,067	FALSE
-0,020	0,275	0,001	0,012	0,030	FALSE
-0,054	0,279	0,000	0,011	0,007	FALSE
0,184	0,266	0,004	0,011	0,162	FALSE

-0,247	0,271	-0,010	0,012	0,408	FALSE
-0,145	0,275	-0,005	0,012	0,160	FALSE
-0,043	0,305	-0,002	0,014	0,067	FALSE
0,180	0,288	0,010	0,018	0,235	FALSE
0,259	0,263	0,013	0,015	0,417	FALSE
0,017	0,283	-0,001	0,016	0,031	FALSE
0,024	0,265	0,001	0,016	0,019	FALSE
0,119	0,287	0,004	0,012	0,118	FALSE
0,027	0,300	0,001	0,010	0,030	FALSE
0,011	0,256	0,001	0,017	0,031	FALSE
-0,202	0,288	-0,010	0,014	0,317	FALSE
-0,015	0,272	0,000	0,009	0,004	FALSE
0,129	0,273	0,007	0,012	0,224	FALSE
0,015	0,274	-0,001	0,014	0,015	FALSE
0,010	0,296	-0,001	0,011	0,019	FALSE
-0,034	0,283	-0,003	0,011	0,110	FALSE
0,014	0,285	0,002	0,012	0,050	FALSE
-0,281	0,253	-0,014	0,015	0,483	FALSE
0,019	0,262	0,003	0,013	0,082	FALSE
-0,009	0,285	-0,001	0,008	0,046	FALSE
-0,028	0,294	-0,002	0,016	0,052	FALSE
-0,154	0,269	-0,006	0,011	0,208	FALSE
0,066	0,288	0,000	0,010	0,002	FALSE
0,119	0,279	0,005	0,014	0,144	FALSE
-0,116	0,294	-0,008	0,017	0,200	FALSE
-0,240	0,278	-0,009	0,012	0,330	FALSE
0,021	0,259	0,002	0,013	0,042	FALSE
0,020	0,271	0,002	0,014	0,051	FALSE
-0,144	0,279	-0,006	0,014	0,175	FALSE
0,100	0,283	0,004	0,017	0,091	FALSE
0,023	0,290	0,001	0,013	0,016	FALSE
0,048	0,287	0,002	0,017	0,035	FALSE
0,053	0,288	0,001	0,017	0,029	FALSE
-0,048	0,287	-0,003	0,015	0,076	FALSE
-0,075	0,283	-0,005	0,015	0,121	FALSE
-0,076	0,284	-0,001	0,008	0,041	FALSE
-0,110	0,282	-0,007	0,017	0,184	FALSE
-0,037	0,277	-0,003	0,014	0,092	FALSE
-0,027	0,273	-0,001	0,010	0,029	FALSE
0,129	0,273	0,007	0,013	0,241	FALSE
-0,032	0,284	-0,001	0,016	0,015	FALSE
-0,055	0,281	0,000	0,015	0,007	FALSE
0,025	0,288	0,002	0,015	0,040	FALSE
0,052	0,288	0,001	0,010	0,051	FALSE
-0,085	0,292	-0,004	0,014	0,099	FALSE
-0,176	0,284	-0,011	0,017	0,272	FALSE
-0,055	0,297	-0,004	0,017	0,087	FALSE
0,016	0,294	0,000	0,016	0,003	FALSE
-0,136	0,260	-0,009	0,017	0,239	FALSE
-0,145	0,270	-0,005	0,011	0,216	FALSE
-0,217	0,287	-0,008	0,011	0,349	FALSE
-0,034	0,271	0,000	0,013	0,012	FALSE
-0,073	0,297	-0,003	0,013	0,074	FALSE

0,083	0,280	0,002	0,009	0,082	FALSE
-0,223	0,272	-0,014	0,017	0,408	FALSE
0,254	0,267	0,010	0,013	0,352	FALSE
-0,282	0,262	-0,017	0,016	0,551	FALSE
-0,166	0,271	-0,011	0,017	0,303	FALSE
0,118	0,277	0,006	0,015	0,146	FALSE
0,250	0,256	0,012	0,016	0,347	FALSE
-0,065	0,285	-0,004	0,016	0,090	FALSE
-0,070	0,281	-0,002	0,011	0,066	FALSE
0,208	0,275	0,007	0,013	0,248	FALSE
-0,032	0,291	-0,001	0,009	0,026	FALSE
0,212	0,263	0,007	0,012	0,267	FALSE
-0,169	0,275	-0,005	0,009	0,226	FALSE
0,036	0,267	0,001	0,008	0,058	FALSE
-0,021	0,276	-0,002	0,008	0,081	FALSE
-0,121	0,286	-0,008	0,017	0,182	FALSE
-0,136	0,284	-0,008	0,018	0,197	FALSE
0,133	0,269	0,006	0,009	0,277	FALSE
-0,025	0,259	0,000	0,016	0,008	FALSE
0,032	0,275	0,000	0,008	0,020	FALSE
0,055	0,278	0,002	0,009	0,075	FALSE
0,030	0,284	0,000	0,010	0,015	FALSE
0,024	0,281	0,001	0,010	0,020	FALSE
-0,044	0,296	-0,001	0,010	0,043	FALSE
-0,038	0,300	-0,001	0,010	0,039	FALSE
0,063	0,264	0,002	0,017	0,054	FALSE
-0,204	0,280	-0,008	0,014	0,248	FALSE
-0,065	0,285	-0,004	0,016	0,100	FALSE
-0,100	0,293	-0,005	0,015	0,122	FALSE
-0,178	0,277	-0,009	0,016	0,230	FALSE
-0,158	0,279	-0,006	0,015	0,158	FALSE
0,043	0,288	0,001	0,016	0,027	FALSE
-0,031	0,284	-0,001	0,017	0,016	FALSE
0,003	0,284	0,001	0,010	0,027	FALSE
0,090	0,266	0,004	0,015	0,103	FALSE
0,102	0,272	0,005	0,015	0,131	FALSE
-0,133	0,281	-0,005	0,012	0,164	FALSE
-0,084	0,279	-0,004	0,011	0,144	FALSE
0,017	0,289	0,001	0,009	0,019	FALSE
0,000	0,293	0,001	0,014	0,016	FALSE
-0,006	0,279	0,000	0,014	0,010	FALSE
0,010	0,297	0,001	0,013	0,016	FALSE
-0,107	0,286	-0,004	0,012	0,132	FALSE
-0,026	0,288	-0,003	0,012	0,087	FALSE
0,055	0,276	0,000	0,011	0,009	FALSE
0,180	0,261	0,004	0,009	0,209	FALSE
-0,111	0,286	-0,003	0,009	0,151	FALSE
-0,208	0,260	-0,014	0,017	0,389	FALSE
0,058	0,299	0,002	0,015	0,048	FALSE
0,026	0,284	0,001	0,014	0,033	FALSE
-0,099	0,277	-0,003	0,013	0,080	FALSE
0,080	0,275	0,003	0,009	0,138	FALSE
0,079	0,289	0,003	0,014	0,089	FALSE

0,133	0,287	0,007	0,017	0,153	FALSE
-0,071	0,287	-0,002	0,008	0,091	FALSE
-0,130	0,287	-0,007	0,017	0,159	FALSE
-0,085	0,274	-0,005	0,012	0,170	FALSE
-0,003	0,276	0,000	0,017	0,001	FALSE
-0,106	0,296	-0,006	0,017	0,136	FALSE
0,046	0,283	0,000	0,012	0,007	FALSE
-0,187	0,273	-0,008	0,017	0,204	FALSE
-0,144	0,277	-0,005	0,016	0,112	FALSE
-0,085	0,274	-0,003	0,009	0,133	FALSE
-0,005	0,285	-0,001	0,010	0,048	FALSE
-0,021	0,289	-0,001	0,009	0,033	FALSE
-0,035	0,294	-0,001	0,010	0,056	FALSE
0,197	0,279	0,008	0,017	0,191	FALSE
-0,096	0,280	-0,006	0,016	0,156	FALSE
0,084	0,266	0,005	0,017	0,108	FALSE
-0,198	0,286	-0,015	0,018	0,393	FALSE
-0,132	0,278	-0,003	0,009	0,149	FALSE
0,111	0,284	0,003	0,009	0,114	FALSE
0,155	0,288	0,006	0,017	0,134	FALSE
-0,084	0,293	-0,005	0,017	0,126	FALSE
0,020	0,270	0,000	0,012	0,006	FALSE
-0,104	0,280	-0,006	0,016	0,140	FALSE
0,017	0,284	0,002	0,009	0,081	FALSE
-0,076	0,285	-0,002	0,009	0,089	FALSE
-0,029	0,288	0,000	0,014	0,007	FALSE
-0,049	0,293	-0,001	0,009	0,025	FALSE
-0,092	0,286	-0,005	0,014	0,137	FALSE
-0,083	0,293	-0,003	0,016	0,067	FALSE
-0,001	0,277	0,002	0,017	0,039	FALSE
-0,006	0,296	-0,001	0,010	0,039	FALSE
-0,087	0,279	-0,003	0,010	0,098	FALSE
-0,066	0,301	-0,002	0,010	0,094	FALSE
-0,115	0,279	-0,004	0,015	0,110	FALSE
0,115	0,263	0,005	0,010	0,240	FALSE
0,163	0,265	0,007	0,010	0,295	FALSE
0,182	0,268	0,005	0,010	0,211	FALSE
0,088	0,282	0,004	0,014	0,103	FALSE
-0,089	0,269	-0,003	0,017	0,072	FALSE
0,272	0,263	0,011	0,015	0,361	FALSE
-0,063	0,280	-0,002	0,009	0,103	FALSE
-0,015	0,294	0,002	0,016	0,039	FALSE
0,115	0,293	0,006	0,016	0,145	FALSE
0,067	0,284	0,002	0,009	0,081	FALSE
0,149	0,274	0,004	0,010	0,134	FALSE
0,138	0,276	0,003	0,010	0,100	FALSE
-0,174	0,296	-0,005	0,009	0,261	FALSE
-0,108	0,272	-0,003	0,008	0,123	FALSE
-0,135	0,288	-0,009	0,016	0,238	FALSE
-0,164	0,296	-0,006	0,011	0,249	FALSE
0,139	0,288	0,004	0,009	0,199	FALSE
-0,005	0,291	0,000	0,010	0,017	FALSE
0,147	0,292	0,006	0,011	0,244	FALSE

-0,013	0,262	-0,002	0,014	0,052	FALSE
-0,008	0,257	-0,002	0,013	0,050	FALSE
0,143	0,254	0,009	0,017	0,221	FALSE
-0,065	0,262	-0,003	0,011	0,127	FALSE
-0,114	0,269	-0,006	0,017	0,152	FALSE
-0,059	0,278	-0,003	0,011	0,118	FALSE
0,065	0,299	0,003	0,015	0,072	FALSE
0,047	0,274	0,000	0,009	0,018	FALSE
0,100	0,283	0,005	0,014	0,145	FALSE
-0,075	0,279	-0,006	0,016	0,146	FALSE
0,215	0,279	0,012	0,016	0,340	FALSE
0,215	0,277	0,012	0,017	0,325	FALSE
-0,152	0,276	-0,006	0,017	0,131	FALSE
-0,155	0,261	-0,006	0,015	0,151	FALSE
0,067	0,284	0,001	0,018	0,012	FALSE
0,135	0,286	0,003	0,009	0,127	FALSE
-0,057	0,291	-0,004	0,016	0,095	FALSE
-0,059	0,269	-0,002	0,013	0,058	FALSE
-0,044	0,289	-0,002	0,016	0,056	FALSE
-0,100	0,271	-0,004	0,016	0,098	FALSE
0,107	0,273	0,003	0,015	0,084	FALSE
-0,082	0,275	-0,001	0,009	0,025	FALSE
-0,063	0,285	-0,003	0,011	0,100	FALSE
-0,069	0,282	-0,002	0,011	0,062	FALSE
0,134	0,274	0,003	0,011	0,127	FALSE
-0,217	0,280	-0,009	0,010	0,431	FALSE
-0,207	0,274	-0,008	0,010	0,394	FALSE
0,065	0,277	0,005	0,016	0,139	FALSE
0,036	0,278	0,004	0,016	0,095	FALSE
0,175	0,284	0,008	0,013	0,250	FALSE
0,093	0,290	0,006	0,017	0,135	FALSE
0,040	0,295	0,002	0,011	0,081	FALSE
0,067	0,289	0,003	0,010	0,106	FALSE
-0,207	0,267	-0,008	0,010	0,384	FALSE
0,039	0,298	0,002	0,018	0,045	FALSE
0,043	0,285	0,001	0,011	0,028	FALSE
-0,068	0,279	-0,002	0,012	0,055	FALSE
0,016	0,278	0,002	0,014	0,056	FALSE
0,053	0,272	0,003	0,017	0,070	FALSE
0,125	0,282	0,007	0,015	0,186	FALSE
0,105	0,281	0,002	0,010	0,082	FALSE
-0,013	0,301	-0,001	0,010	0,038	FALSE
0,150	0,291	0,004	0,011	0,152	FALSE
0,063	0,286	0,001	0,010	0,050	FALSE
-0,021	0,288	-0,002	0,009	0,106	FALSE
0,004	0,293	-0,002	0,008	0,072	FALSE
-0,005	0,283	-0,002	0,009	0,069	FALSE
-0,016	0,282	0,000	0,011	0,014	FALSE
0,000	0,276	0,000	0,011	0,003	FALSE
-0,009	0,285	-0,001	0,010	0,032	FALSE
0,008	0,295	0,001	0,018	0,027	FALSE
-0,078	0,285	-0,001	0,009	0,055	FALSE
-0,136	0,279	-0,006	0,011	0,220	FALSE

0,030	0,274	0,002	0,017	0,047	FALSE
0,088	0,269	0,003	0,011	0,117	FALSE
0,182	0,270	0,005	0,009	0,263	FALSE
-0,071	0,294	-0,001	0,009	0,054	FALSE
-0,227	0,280	-0,007	0,010	0,328	FALSE
0,088	0,278	0,004	0,011	0,127	FALSE
0,148	0,274	0,003	0,009	0,151	FALSE
0,233	0,257	0,006	0,010	0,264	FALSE
0,092	0,283	0,006	0,017	0,133	FALSE
0,158	0,272	0,006	0,013	0,206	FALSE
-0,129	0,284	-0,005	0,012	0,161	FALSE
-0,107	0,268	-0,001	0,010	0,048	FALSE
0,171	0,276	0,005	0,010	0,192	FALSE
0,051	0,275	0,000	0,012	0,002	FALSE
-0,046	0,289	-0,002	0,013	0,043	FALSE
-0,119	0,278	-0,005	0,017	0,117	FALSE
-0,136	0,269	-0,008	0,017	0,197	FALSE
0,016	0,281	0,001	0,016	0,030	FALSE
-0,045	0,285	-0,002	0,009	0,079	FALSE
-0,104	0,285	-0,001	0,009	0,058	FALSE
-0,160	0,280	-0,005	0,017	0,126	FALSE
0,118	0,272	0,004	0,012	0,127	FALSE
-0,194	0,275	-0,012	0,015	0,383	FALSE
0,004	0,285	0,002	0,017	0,047	FALSE
-0,088	0,268	-0,004	0,017	0,084	FALSE
-0,119	0,280	-0,005	0,013	0,145	FALSE
0,028	0,279	0,001	0,015	0,032	FALSE
0,020	0,291	0,000	0,016	0,010	FALSE
0,003	0,299	0,000	0,013	0,002	FALSE
-0,121	0,289	-0,006	0,013	0,178	FALSE
-0,089	0,289	-0,003	0,015	0,090	FALSE
-0,091	0,290	-0,001	0,013	0,036	FALSE
-0,016	0,293	-0,001	0,012	0,026	FALSE
0,132	0,297	0,005	0,017	0,126	FALSE
0,049	0,293	0,004	0,015	0,101	FALSE
0,071	0,294	0,003	0,016	0,062	FALSE
0,113	0,299	0,006	0,015	0,151	FALSE
-0,023	0,283	0,000	0,009	0,008	FALSE
-0,017	0,288	-0,002	0,012	0,051	FALSE
0,055	0,274	0,002	0,015	0,062	FALSE
0,026	0,285	0,002	0,012	0,059	FALSE
-0,003	0,279	0,000	0,009	0,018	FALSE
-0,051	0,279	0,000	0,009	0,008	FALSE
-0,127	0,291	-0,002	0,011	0,073	FALSE
-0,110	0,285	-0,002	0,009	0,079	FALSE
-0,198	0,273	-0,009	0,015	0,252	FALSE
-0,111	0,284	-0,006	0,015	0,158	FALSE
-0,045	0,290	-0,002	0,010	0,064	FALSE
-0,173	0,286	-0,005	0,009	0,210	FALSE
0,085	0,300	0,004	0,017	0,079	FALSE
0,144	0,274	0,007	0,014	0,220	FALSE
0,189	0,271	0,011	0,016	0,302	FALSE
0,229	0,262	0,013	0,015	0,426	FALSE

-0,059	0,283	-0,001	0,012	0,034	FALSE
0,050	0,284	0,001	0,010	0,048	FALSE
-0,007	0,289	0,000	0,014	0,004	FALSE
0,067	0,283	0,003	0,013	0,077	FALSE
0,091	0,289	0,005	0,012	0,165	FALSE
0,100	0,269	0,003	0,009	0,129	FALSE
-0,010	0,280	-0,002	0,018	0,035	FALSE
0,019	0,266	0,000	0,017	0,002	FALSE
0,068	0,275	0,003	0,017	0,062	FALSE
-0,091	0,281	-0,002	0,011	0,079	FALSE
-0,062	0,292	-0,003	0,011	0,088	FALSE
0,000	0,289	-0,001	0,014	0,014	FALSE
-0,144	0,292	-0,006	0,013	0,202	FALSE
0,032	0,281	0,002	0,013	0,056	FALSE
0,001	0,294	0,000	0,011	0,009	FALSE
0,126	0,277	0,006	0,017	0,142	FALSE
-0,204	0,274	-0,010	0,013	0,335	FALSE
0,040	0,283	0,002	0,018	0,039	FALSE
0,039	0,283	0,002	0,017	0,043	FALSE
-0,040	0,293	-0,002	0,017	0,050	FALSE
-0,024	0,279	-0,002	0,017	0,033	FALSE
-0,042	0,275	-0,002	0,013	0,058	FALSE
0,109	0,274	0,004	0,009	0,162	FALSE
-0,002	0,295	0,000	0,015	0,007	FALSE
0,008	0,286	0,001	0,015	0,015	FALSE
0,022	0,282	0,000	0,011	0,009	FALSE
0,039	0,277	-0,001	0,009	0,033	FALSE
0,000	0,287	0,002	0,009	0,061	FALSE
-0,061	0,287	-0,003	0,012	0,087	FALSE
0,238	0,275	0,011	0,017	0,276	FALSE
0,013	0,298	-0,001	0,010	0,032	FALSE
-0,118	0,276	-0,003	0,009	0,132	FALSE
-0,058	0,286	-0,005	0,017	0,110	FALSE
-0,184	0,280	-0,010	0,016	0,262	FALSE
-0,095	0,267	-0,005	0,017	0,123	FALSE
-0,093	0,273	-0,003	0,009	0,118	FALSE
0,103	0,290	0,006	0,013	0,174	FALSE
-0,202	0,282	-0,007	0,011	0,301	FALSE
-0,014	0,293	-0,002	0,014	0,051	FALSE
0,208	0,286	0,007	0,012	0,275	FALSE
-0,033	0,306	-0,001	0,014	0,013	FALSE
-0,018	0,283	-0,001	0,013	0,033	FALSE
0,215	0,275	0,011	0,017	0,299	FALSE
0,157	0,276	0,006	0,013	0,203	FALSE
0,138	0,267	0,003	0,010	0,115	FALSE
0,136	0,279	0,003	0,010	0,113	FALSE
0,118	0,293	0,002	0,011	0,086	FALSE
0,018	0,292	0,000	0,016	0,010	FALSE
0,015	0,279	-0,001	0,017	0,016	FALSE
0,077	0,286	0,004	0,010	0,146	FALSE
0,065	0,281	0,003	0,016	0,061	FALSE
-0,008	0,273	-0,001	0,015	0,029	FALSE
0,079	0,275	0,003	0,010	0,121	FALSE

0,015	0,276	-0,001	0,015	0,029	FALSE
-0,001	0,287	0,001	0,016	0,034	FALSE
0,129	0,279	0,004	0,010	0,155	FALSE
0,079	0,282	0,004	0,016	0,088	FALSE
-0,161	0,296	-0,004	0,011	0,166	FALSE
-0,149	0,279	-0,004	0,008	0,215	FALSE
-0,156	0,283	-0,006	0,015	0,151	FALSE
-0,181	0,277	-0,008	0,015	0,211	FALSE
-0,171	0,268	-0,006	0,015	0,181	FALSE
-0,123	0,271	-0,006	0,017	0,144	FALSE
-0,097	0,287	-0,003	0,017	0,065	FALSE
0,033	0,268	0,002	0,014	0,064	FALSE
0,040	0,286	0,002	0,009	0,078	FALSE
-0,021	0,284	0,000	0,016	0,002	FALSE
-0,176	0,273	-0,004	0,008	0,221	FALSE
-0,176	0,280	-0,004	0,009	0,195	FALSE
-0,144	0,278	-0,003	0,009	0,157	FALSE
-0,195	0,271	-0,005	0,009	0,249	FALSE
0,112	0,256	0,004	0,011	0,159	FALSE
0,164	0,277	0,008	0,016	0,198	FALSE
0,008	0,285	0,000	0,013	0,010	FALSE
-0,101	0,287	-0,003	0,008	0,117	FALSE
0,074	0,278	0,002	0,017	0,042	FALSE
-0,048	0,291	-0,003	0,010	0,100	FALSE
0,092	0,282	0,004	0,014	0,101	FALSE
-0,082	0,279	-0,004	0,011	0,135	FALSE
0,095	0,269	0,002	0,011	0,079	FALSE
0,104	0,261	0,002	0,010	0,097	FALSE
0,131	0,272	0,006	0,015	0,183	FALSE
0,031	0,287	0,001	0,014	0,038	FALSE
-0,238	0,266	-0,008	0,011	0,340	FALSE
0,084	0,285	0,004	0,017	0,099	FALSE
0,008	0,286	0,000	0,013	0,010	FALSE
0,057	0,283	0,004	0,015	0,101	FALSE
0,033	0,295	0,002	0,009	0,063	FALSE
-0,043	0,302	-0,003	0,017	0,060	FALSE
-0,035	0,286	0,000	0,017	0,010	FALSE
0,032	0,284	0,003	0,014	0,069	FALSE
-0,071	0,277	-0,002	0,017	0,044	FALSE
-0,046	0,281	-0,001	0,017	0,021	FALSE
-0,027	0,286	0,000	0,017	0,007	FALSE
-0,067	0,276	-0,003	0,017	0,058	FALSE
-0,061	0,284	-0,002	0,017	0,041	FALSE
-0,074	0,292	-0,002	0,017	0,053	FALSE
-0,060	0,284	-0,002	0,017	0,054	FALSE
-0,107	0,282	-0,004	0,010	0,145	FALSE
-0,120	0,279	-0,004	0,010	0,158	FALSE
-0,008	0,260	0,000	0,009	0,009	FALSE
0,008	0,273	0,001	0,013	0,026	FALSE
-0,054	0,276	-0,002	0,016	0,055	FALSE
0,060	0,284	0,001	0,009	0,034	FALSE
0,052	0,287	0,001	0,009	0,058	FALSE
0,154	0,288	0,005	0,009	0,242	FALSE

0,042	0,275	-0,001	0,013	0,019	FALSE
0,039	0,283	0,002	0,009	0,099	FALSE
0,069	0,271	0,004	0,009	0,158	FALSE
0,007	0,273	0,003	0,017	0,062	FALSE
-0,107	0,270	-0,010	0,017	0,248	FALSE
-0,086	0,278	-0,008	0,016	0,205	FALSE
-0,030	0,290	-0,001	0,013	0,043	FALSE
0,193	0,283	0,009	0,012	0,348	FALSE
-0,166	0,293	-0,006	0,009	0,258	FALSE
-0,127	0,288	-0,005	0,014	0,150	FALSE
-0,123	0,307	-0,006	0,018	0,127	FALSE
0,029	0,293	0,001	0,010	0,038	FALSE
-0,231	0,290	-0,008	0,011	0,336	FALSE
0,027	0,298	0,003	0,014	0,070	FALSE
0,100	0,291	0,003	0,009	0,135	FALSE
-0,196	0,286	-0,006	0,011	0,253	FALSE
0,108	0,289	0,004	0,009	0,170	FALSE
-0,038	0,284	-0,001	0,011	0,047	FALSE
0,050	0,300	0,002	0,013	0,065	FALSE
0,029	0,294	0,002	0,013	0,054	FALSE
0,079	0,299	0,002	0,009	0,098	FALSE
-0,029	0,287	-0,001	0,014	0,033	FALSE
0,034	0,293	0,002	0,012	0,050	FALSE
-0,226	0,276	-0,009	0,013	0,334	FALSE
-0,126	0,274	-0,003	0,009	0,132	FALSE
-0,145	0,297	-0,003	0,009	0,152	FALSE
-0,122	0,277	-0,002	0,009	0,104	FALSE
0,014	0,271	-0,002	0,012	0,068	FALSE
0,080	0,280	0,000	0,009	0,014	FALSE
-0,005	0,292	0,000	0,011	0,005	FALSE
0,010	0,283	0,002	0,014	0,045	FALSE
0,114	0,297	0,007	0,017	0,158	FALSE
0,084	0,279	0,003	0,015	0,084	FALSE
0,156	0,282	0,009	0,014	0,281	FALSE
-0,017	0,286	-0,001	0,017	0,021	FALSE
-0,110	0,285	-0,005	0,017	0,114	FALSE
-0,088	0,272	-0,004	0,015	0,107	FALSE
0,080	0,279	0,003	0,011	0,092	FALSE
-0,019	0,282	0,000	0,009	0,009	FALSE
-0,024	0,275	-0,001	0,016	0,020	FALSE
0,004	0,279	0,001	0,009	0,050	FALSE
-0,039	0,294	0,000	0,009	0,014	FALSE
0,077	0,296	0,006	0,018	0,126	FALSE
-0,058	0,281	-0,005	0,016	0,129	FALSE
0,040	0,289	0,004	0,017	0,086	FALSE
0,048	0,282	0,003	0,014	0,093	FALSE
0,123	0,296	0,007	0,017	0,175	FALSE
0,076	0,292	0,003	0,015	0,088	FALSE
-0,127	0,295	-0,006	0,013	0,191	FALSE
0,197	0,268	0,010	0,017	0,271	FALSE
-0,027	0,286	0,000	0,016	0,005	FALSE
-0,045	0,285	0,000	0,011	0,005	FALSE
0,130	0,280	0,004	0,011	0,129	FALSE

0,043	0,282	0,002	0,010	0,077	FALSE
-0,014	0,285	-0,001	0,015	0,033	FALSE
0,001	0,292	0,000	0,015	0,001	FALSE
0,037	0,300	0,001	0,017	0,019	FALSE
-0,139	0,295	-0,004	0,014	0,123	FALSE
-0,142	0,272	-0,005	0,012	0,155	FALSE
-0,157	0,275	-0,005	0,013	0,154	FALSE
-0,226	0,279	-0,011	0,012	0,423	FALSE
-0,166	0,289	-0,007	0,011	0,261	FALSE
0,179	0,269	0,005	0,016	0,127	FALSE
0,088	0,274	0,001	0,012	0,022	FALSE
-0,144	0,283	-0,005	0,017	0,125	FALSE
-0,131	0,274	-0,007	0,016	0,173	FALSE
0,167	0,267	0,006	0,014	0,164	FALSE
0,241	0,266	0,007	0,011	0,310	FALSE
-0,012	0,284	0,000	0,009	0,000	FALSE
0,251	0,267	0,009	0,012	0,354	FALSE
-0,133	0,275	-0,008	0,015	0,224	FALSE
-0,021	0,294	-0,001	0,017	0,028	FALSE
-0,048	0,301	-0,001	0,009	0,029	FALSE
0,081	0,288	0,004	0,013	0,114	FALSE
-0,056	0,279	-0,005	0,012	0,163	FALSE
-0,048	0,299	-0,001	0,012	0,025	FALSE
0,002	0,286	0,002	0,010	0,073	FALSE
0,002	0,282	0,000	0,015	0,003	FALSE
-0,005	0,277	-0,001	0,011	0,047	FALSE
-0,130	0,279	-0,007	0,014	0,222	FALSE
-0,051	0,272	-0,001	0,008	0,033	FALSE
-0,043	0,287	-0,001	0,013	0,028	FALSE
0,051	0,288	0,002	0,013	0,047	FALSE
-0,128	0,275	-0,004	0,011	0,136	FALSE
-0,005	0,280	0,002	0,009	0,067	FALSE
0,082	0,281	0,006	0,018	0,127	FALSE
-0,041	0,283	0,001	0,015	0,020	FALSE
-0,116	0,277	-0,004	0,009	0,166	FALSE
-0,023	0,285	-0,001	0,012	0,025	FALSE
0,160	0,271	0,004	0,009	0,168	FALSE
0,059	0,264	0,001	0,009	0,047	FALSE
-0,081	0,283	-0,006	0,016	0,164	FALSE
-0,145	0,282	-0,004	0,009	0,204	FALSE
-0,053	0,288	-0,002	0,009	0,078	FALSE
-0,123	0,296	-0,004	0,011	0,149	FALSE
0,093	0,278	0,003	0,017	0,074	FALSE
-0,096	0,278	-0,004	0,014	0,108	FALSE
-0,054	0,289	-0,003	0,015	0,072	FALSE
-0,068	0,280	-0,003	0,014	0,090	FALSE
0,185	0,275	0,006	0,010	0,284	FALSE
-0,122	0,292	-0,006	0,017	0,145	FALSE
-0,182	0,279	-0,008	0,011	0,346	FALSE
-0,019	0,297	-0,001	0,012	0,018	FALSE
0,226	0,273	0,006	0,010	0,281	FALSE
-0,059	0,296	-0,002	0,010	0,060	FALSE
0,082	0,288	0,002	0,010	0,089	FALSE

0,094	0,282	0,002	0,011	0,066	FALSE
0,065	0,297	0,001	0,012	0,036	FALSE
0,038	0,293	0,002	0,017	0,044	FALSE
0,080	0,286	0,001	0,011	0,033	FALSE
-0,049	0,289	-0,003	0,017	0,057	FALSE
-0,193	0,285	-0,007	0,012	0,262	FALSE
0,027	0,287	0,001	0,011	0,037	FALSE
0,077	0,292	0,006	0,015	0,148	FALSE
-0,020	0,270	0,002	0,016	0,052	FALSE
0,106	0,283	0,005	0,017	0,111	FALSE
-0,142	0,274	-0,004	0,008	0,208	FALSE
0,166	0,281	0,009	0,016	0,247	FALSE
-0,068	0,293	-0,001	0,010	0,020	FALSE
0,154	0,270	0,005	0,010	0,216	FALSE
0,035	0,273	0,002	0,013	0,072	FALSE
0,033	0,286	0,002	0,013	0,070	FALSE
-0,055	0,287	-0,001	0,010	0,049	FALSE
-0,041	0,290	-0,002	0,010	0,082	FALSE
0,034	0,290	0,003	0,013	0,077	FALSE
0,015	0,306	0,001	0,016	0,020	FALSE
-0,044	0,282	-0,001	0,009	0,041	FALSE
0,013	0,296	-0,001	0,013	0,016	FALSE
-0,117	0,282	-0,005	0,010	0,193	FALSE
-0,040	0,281	-0,003	0,014	0,071	FALSE
0,039	0,286	0,001	0,011	0,026	FALSE
-0,028	0,286	-0,003	0,017	0,074	FALSE
0,083	0,278	0,003	0,010	0,128	FALSE
0,004	0,280	0,001	0,018	0,022	FALSE
0,101	0,280	0,003	0,009	0,139	FALSE
0,099	0,286	0,004	0,010	0,139	FALSE
0,015	0,262	-0,001	0,009	0,028	FALSE
0,024	0,284	0,000	0,009	0,003	FALSE
0,010	0,286	0,001	0,014	0,035	FALSE
-0,119	0,279	-0,009	0,017	0,230	FALSE
-0,007	0,285	0,001	0,015	0,021	FALSE
-0,012	0,276	0,000	0,015	0,011	FALSE
-0,045	0,289	-0,002	0,017	0,038	FALSE
0,077	0,283	0,000	0,012	0,009	FALSE
-0,045	0,298	-0,001	0,010	0,026	FALSE
0,013	0,297	0,003	0,016	0,071	FALSE
0,027	0,288	0,004	0,014	0,102	FALSE
0,087	0,282	0,002	0,010	0,062	FALSE
0,075	0,295	0,002	0,016	0,050	FALSE
-0,098	0,279	-0,006	0,017	0,138	FALSE
0,161	0,287	0,008	0,018	0,167	FALSE
0,151	0,277	0,006	0,017	0,148	FALSE
0,149	0,274	0,007	0,017	0,157	FALSE
-0,081	0,283	-0,004	0,017	0,097	FALSE
-0,064	0,279	-0,001	0,009	0,046	FALSE
0,137	0,273	0,004	0,015	0,094	FALSE
-0,206	0,294	-0,007	0,011	0,270	FALSE
-0,249	0,276	-0,007	0,009	0,356	FALSE
-0,031	0,285	-0,003	0,013	0,084	FALSE

0,039	0,279	0,001	0,013	0,026	FALSE
0,107	0,277	0,006	0,014	0,162	FALSE
0,230	0,283	0,008	0,011	0,347	FALSE
0,059	0,283	0,004	0,018	0,085	FALSE
-0,079	0,293	-0,002	0,012	0,060	FALSE
0,144	0,276	0,008	0,013	0,254	FALSE
-0,038	0,279	-0,002	0,009	0,070	FALSE
-0,021	0,267	0,000	0,011	0,001	FALSE
0,221	0,263	0,010	0,012	0,393	FALSE
0,152	0,275	0,008	0,014	0,235	FALSE
0,102	0,287	0,008	0,018	0,189	FALSE
-0,020	0,285	-0,001	0,010	0,032	FALSE
-0,126	0,284	-0,004	0,016	0,101	FALSE
0,007	0,279	0,002	0,015	0,060	FALSE
-0,069	0,307	-0,008	0,018	0,170	FALSE
0,109	0,285	0,005	0,016	0,129	FALSE
0,127	0,285	0,004	0,012	0,123	FALSE
0,143	0,278	0,005	0,012	0,154	FALSE
0,065	0,302	0,004	0,014	0,096	FALSE
-0,015	0,288	-0,003	0,009	0,114	FALSE
-0,092	0,280	-0,002	0,011	0,079	FALSE
0,006	0,268	-0,001	0,008	0,032	FALSE
0,012	0,272	0,000	0,008	0,019	FALSE
-0,020	0,290	-0,003	0,017	0,068	FALSE
0,010	0,285	-0,001	0,016	0,014	FALSE
0,041	0,289	0,001	0,014	0,019	FALSE
-0,005	0,281	-0,002	0,017	0,042	FALSE
0,003	0,291	-0,001	0,017	0,019	FALSE
-0,068	0,292	-0,003	0,009	0,105	FALSE
0,052	0,277	0,000	0,013	0,011	FALSE
0,069	0,278	0,003	0,010	0,124	FALSE
0,126	0,277	0,002	0,012	0,074	FALSE
0,022	0,281	0,002	0,016	0,046	FALSE
0,090	0,279	0,002	0,017	0,046	FALSE
0,079	0,292	0,002	0,010	0,081	FALSE
0,038	0,277	0,001	0,009	0,038	FALSE
0,121	0,283	0,004	0,013	0,119	FALSE
0,084	0,285	0,003	0,018	0,059	FALSE
0,029	0,283	0,001	0,015	0,017	FALSE
-0,182	0,283	-0,007	0,010	0,284	FALSE
-0,204	0,274	-0,007	0,010	0,291	FALSE
0,032	0,285	0,000	0,016	0,007	FALSE
-0,113	0,285	-0,002	0,008	0,110	FALSE
-0,016	0,285	0,000	0,009	0,006	FALSE
0,152	0,278	0,005	0,009	0,250	FALSE
0,132	0,294	0,009	0,018	0,207	FALSE
-0,002	0,290	0,001	0,010	0,036	FALSE
-0,117	0,280	-0,006	0,014	0,164	FALSE
0,046	0,269	0,001	0,009	0,033	FALSE
0,023	0,296	0,000	0,016	0,000	FALSE
-0,019	0,279	0,002	0,016	0,037	FALSE
0,080	0,290	0,003	0,011	0,092	FALSE
-0,030	0,287	-0,005	0,017	0,127	FALSE

0,214	0,268	0,008	0,015	0,226	FALSE
0,064	0,296	0,001	0,017	0,022	FALSE
-0,208	0,283	-0,011	0,018	0,266	FALSE
-0,193	0,268	-0,010	0,017	0,257	FALSE
-0,191	0,274	-0,009	0,017	0,241	FALSE
-0,189	0,269	-0,009	0,016	0,247	FALSE
-0,196	0,268	-0,010	0,016	0,267	FALSE
-0,036	0,291	-0,001	0,009	0,036	FALSE
0,221	0,261	0,007	0,011	0,255	FALSE
0,050	0,279	0,002	0,009	0,065	FALSE
-0,137	0,278	-0,004	0,011	0,138	FALSE
0,138	0,275	0,005	0,010	0,202	FALSE
-0,039	0,287	-0,002	0,013	0,065	FALSE
-0,080	0,295	-0,002	0,017	0,035	FALSE
0,058	0,295	0,001	0,012	0,041	FALSE
0,076	0,289	0,002	0,012	0,066	FALSE
-0,010	0,285	0,001	0,018	0,014	FALSE
-0,079	0,293	-0,002	0,016	0,034	FALSE
0,019	0,283	-0,003	0,015	0,072	FALSE
0,047	0,281	0,003	0,016	0,080	FALSE
0,032	0,288	0,002	0,017	0,054	FALSE
0,026	0,292	0,002	0,016	0,040	FALSE
0,042	0,275	0,003	0,017	0,073	FALSE
-0,098	0,288	-0,002	0,011	0,067	FALSE
-0,107	0,278	-0,005	0,015	0,144	FALSE
-0,035	0,288	-0,002	0,014	0,052	FALSE
-0,070	0,292	-0,002	0,009	0,072	FALSE
0,135	0,285	0,006	0,018	0,128	FALSE
-0,114	0,269	-0,004	0,010	0,166	FALSE
-0,164	0,274	-0,008	0,012	0,286	FALSE
-0,080	0,284	-0,005	0,018	0,104	FALSE
-0,005	0,281	-0,001	0,015	0,019	FALSE
0,096	0,288	0,004	0,017	0,085	FALSE
-0,089	0,265	-0,008	0,016	0,229	FALSE
-0,141	0,308	-0,007	0,019	0,140	FALSE
-0,161	0,277	-0,008	0,017	0,191	FALSE
-0,099	0,288	-0,003	0,012	0,089	FALSE
0,010	0,287	0,001	0,012	0,034	FALSE
-0,013	0,271	-0,001	0,009	0,033	FALSE
0,131	0,289	0,004	0,011	0,165	FALSE
-0,114	0,286	-0,006	0,016	0,149	FALSE
0,171	0,290	0,005	0,009	0,214	FALSE
0,014	0,275	0,001	0,009	0,026	FALSE
-0,189	0,264	-0,009	0,015	0,258	FALSE
-0,037	0,281	-0,001	0,015	0,028	FALSE
-0,030	0,265	-0,001	0,009	0,048	FALSE
-0,081	0,282	-0,005	0,013	0,148	FALSE
0,025	0,264	0,001	0,009	0,033	FALSE
-0,082	0,280	-0,001	0,015	0,021	FALSE
-0,015	0,279	0,000	0,014	0,012	FALSE
-0,181	0,279	-0,007	0,011	0,268	FALSE
-0,115	0,259	-0,006	0,012	0,215	FALSE
-0,081	0,286	-0,003	0,016	0,078	FALSE

-0,140	0,275	-0,007	0,015	0,193	FALSE
-0,084	0,284	-0,002	0,010	0,088	FALSE
0,035	0,282	0,001	0,010	0,030	FALSE
-0,052	0,279	-0,003	0,016	0,080	FALSE
-0,242	0,273	-0,010	0,014	0,343	FALSE
-0,196	0,271	-0,009	0,013	0,315	FALSE
-0,028	0,281	-0,004	0,016	0,100	FALSE
0,132	0,277	0,006	0,012	0,189	FALSE
-0,039	0,289	-0,001	0,016	0,012	FALSE
-0,175	0,288	-0,010	0,017	0,253	FALSE
-0,100	0,291	-0,006	0,015	0,153	FALSE
0,284	0,259	0,014	0,016	0,430	FALSE
-0,124	0,285	-0,004	0,013	0,119	FALSE
0,137	0,289	0,004	0,012	0,142	FALSE
-0,076	0,287	-0,005	0,013	0,138	FALSE
-0,023	0,287	-0,001	0,015	0,027	FALSE
-0,054	0,281	-0,002	0,015	0,053	FALSE
-0,102	0,294	-0,007	0,016	0,195	FALSE
0,008	0,290	0,001	0,011	0,016	FALSE
-0,196	0,272	-0,010	0,014	0,293	FALSE
0,082	0,262	0,003	0,013	0,099	FALSE
0,160	0,271	0,004	0,010	0,146	FALSE
0,154	0,278	0,005	0,012	0,188	FALSE
0,146	0,280	0,003	0,008	0,133	FALSE
-0,008	0,282	0,001	0,012	0,020	FALSE
-0,014	0,282	0,000	0,012	0,012	FALSE
-0,030	0,281	0,000	0,012	0,010	FALSE
-0,061	0,277	-0,005	0,016	0,116	FALSE
0,046	0,285	0,004	0,016	0,102	FALSE
0,164	0,276	0,004	0,009	0,188	FALSE
0,105	0,287	0,003	0,013	0,098	FALSE
0,032	0,285	0,001	0,011	0,047	FALSE
-0,017	0,287	-0,001	0,010	0,022	FALSE
-0,006	0,269	-0,002	0,015	0,036	FALSE
0,117	0,278	0,003	0,011	0,119	FALSE
-0,051	0,281	-0,001	0,012	0,021	FALSE
0,072	0,276	0,004	0,015	0,098	FALSE
0,136	0,280	0,003	0,009	0,129	FALSE
0,068	0,276	0,005	0,014	0,137	FALSE
0,027	0,286	0,002	0,009	0,101	FALSE
-0,151	0,302	-0,003	0,009	0,129	FALSE
0,036	0,290	0,000	0,014	0,001	FALSE
0,084	0,274	0,002	0,009	0,086	FALSE
-0,170	0,273	-0,007	0,011	0,300	FALSE
0,064	0,287	0,005	0,017	0,102	FALSE
0,046	0,277	0,001	0,010	0,021	FALSE
0,030	0,299	0,001	0,014	0,021	FALSE
-0,035	0,285	-0,001	0,011	0,029	FALSE
-0,127	0,274	-0,006	0,015	0,165	FALSE
-0,024	0,291	-0,001	0,018	0,027	FALSE
0,062	0,285	0,004	0,013	0,107	FALSE
0,062	0,275	0,005	0,015	0,128	FALSE
-0,044	0,277	-0,004	0,016	0,097	FALSE

-0,016	0,289	-0,002	0,017	0,051	FALSE
-0,114	0,277	-0,007	0,017	0,179	FALSE
-0,025	0,282	-0,003	0,017	0,056	FALSE
0,129	0,287	0,009	0,018	0,199	FALSE
-0,226	0,267	-0,007	0,009	0,334	FALSE
0,046	0,275	0,003	0,014	0,072	FALSE
0,086	0,273	0,005	0,013	0,155	FALSE
0,064	0,293	0,004	0,014	0,099	FALSE
0,056	0,278	0,003	0,014	0,095	FALSE
0,072	0,291	0,004	0,014	0,116	FALSE
-0,108	0,275	-0,003	0,011	0,122	FALSE
-0,126	0,272	-0,009	0,017	0,237	FALSE
0,078	0,279	0,005	0,012	0,182	FALSE
0,101	0,276	0,005	0,017	0,125	FALSE
-0,072	0,285	-0,003	0,015	0,079	FALSE
0,192	0,278	0,011	0,016	0,292	FALSE
-0,139	0,292	-0,005	0,017	0,127	FALSE
-0,144	0,289	-0,005	0,010	0,191	FALSE
-0,108	0,270	-0,006	0,011	0,241	FALSE
-0,026	0,288	-0,002	0,016	0,033	FALSE
-0,127	0,280	-0,004	0,010	0,157	FALSE
-0,149	0,283	-0,004	0,010	0,153	FALSE
0,026	0,284	-0,001	0,012	0,038	FALSE
-0,035	0,295	0,000	0,015	0,001	FALSE
-0,041	0,298	-0,001	0,009	0,048	FALSE
-0,088	0,288	-0,002	0,009	0,103	FALSE
-0,052	0,290	-0,001	0,012	0,024	FALSE
-0,084	0,272	-0,003	0,017	0,073	FALSE
0,001	0,290	-0,001	0,010	0,044	FALSE
-0,027	0,277	0,000	0,010	0,001	FALSE
0,050	0,276	0,002	0,017	0,041	FALSE
0,123	0,282	0,004	0,011	0,133	FALSE
-0,054	0,302	-0,004	0,013	0,101	FALSE
-0,011	0,267	-0,002	0,011	0,052	FALSE
-0,026	0,283	0,000	0,011	0,015	FALSE
-0,069	0,292	-0,004	0,013	0,132	FALSE
-0,028	0,281	0,000	0,011	0,001	FALSE
0,136	0,263	0,010	0,018	0,249	FALSE
-0,071	0,295	-0,001	0,012	0,045	FALSE
-0,064	0,279	-0,001	0,011	0,033	FALSE
0,001	0,272	-0,002	0,012	0,055	FALSE
-0,137	0,289	-0,006	0,010	0,252	FALSE
-0,057	0,298	-0,002	0,009	0,080	FALSE
0,063	0,278	0,004	0,016	0,096	FALSE
0,040	0,286	0,003	0,016	0,058	FALSE
-0,024	0,287	-0,001	0,010	0,040	FALSE
-0,042	0,285	-0,002	0,010	0,056	FALSE
-0,073	0,280	-0,006	0,017	0,128	FALSE
-0,098	0,301	-0,007	0,018	0,148	FALSE
0,079	0,273	0,002	0,014	0,050	FALSE
0,019	0,294	0,000	0,011	0,015	FALSE
0,013	0,289	0,001	0,013	0,042	FALSE
0,032	0,282	0,000	0,009	0,002	FALSE

0,105	0,274	0,006	0,016	0,141	FALSE
0,115	0,287	0,008	0,017	0,181	FALSE
-0,049	0,301	0,000	0,016	0,001	FALSE
-0,074	0,288	-0,004	0,017	0,078	FALSE
0,177	0,266	0,007	0,018	0,155	FALSE
-0,048	0,291	-0,001	0,010	0,024	FALSE
0,049	0,279	0,001	0,014	0,028	FALSE
-0,044	0,289	-0,003	0,012	0,082	FALSE
-0,146	0,278	-0,011	0,018	0,264	FALSE
-0,079	0,282	-0,002	0,014	0,064	FALSE
0,156	0,284	0,008	0,016	0,206	FALSE
0,183	0,263	0,004	0,010	0,147	FALSE
0,105	0,275	0,004	0,012	0,140	FALSE
-0,081	0,298	-0,002	0,016	0,035	FALSE
-0,151	0,283	-0,009	0,014	0,283	FALSE
0,060	0,267	0,003	0,013	0,081	FALSE
0,065	0,295	0,002	0,013	0,067	FALSE
0,072	0,284	0,001	0,014	0,022	FALSE
-0,240	0,263	-0,008	0,012	0,308	FALSE
-0,107	0,282	-0,002	0,009	0,075	FALSE
0,104	0,288	0,004	0,009	0,172	FALSE
-0,137	0,285	-0,004	0,010	0,174	FALSE
-0,036	0,268	-0,003	0,010	0,107	FALSE
0,055	0,286	0,003	0,016	0,069	FALSE
-0,093	0,287	-0,008	0,016	0,212	FALSE
-0,101	0,288	-0,008	0,017	0,195	FALSE
0,098	0,293	0,004	0,018	0,092	FALSE
-0,058	0,265	-0,002	0,010	0,067	FALSE
0,148	0,289	0,004	0,012	0,133	FALSE
0,098	0,285	0,003	0,010	0,135	FALSE
0,090	0,290	0,004	0,017	0,078	FALSE
-0,105	0,282	-0,006	0,016	0,139	FALSE
0,138	0,269	0,003	0,009	0,115	FALSE
0,049	0,281	0,000	0,009	0,002	FALSE
-0,061	0,273	-0,004	0,010	0,179	FALSE
-0,147	0,279	-0,002	0,008	0,096	FALSE
-0,181	0,263	-0,006	0,009	0,278	FALSE
-0,190	0,265	-0,006	0,010	0,262	FALSE
-0,034	0,271	-0,002	0,014	0,047	FALSE
0,030	0,269	0,002	0,016	0,053	FALSE
-0,050	0,275	-0,004	0,015	0,115	FALSE
-0,019	0,281	0,001	0,011	0,023	FALSE
-0,038	0,291	0,001	0,013	0,015	FALSE
-0,195	0,272	-0,010	0,013	0,337	FALSE
-0,198	0,285	-0,006	0,009	0,255	FALSE
0,019	0,288	0,001	0,011	0,037	FALSE
0,153	0,281	0,011	0,017	0,275	FALSE
0,105	0,283	0,005	0,017	0,104	FALSE
0,158	0,258	0,004	0,011	0,154	FALSE
0,090	0,290	0,006	0,013	0,186	FALSE
0,036	0,290	0,002	0,011	0,064	FALSE
0,154	0,278	0,006	0,015	0,163	FALSE
-0,036	0,280	-0,001	0,010	0,053	FALSE

-0,032	0,292	-0,001	0,010	0,034	FALSE
-0,047	0,278	-0,002	0,009	0,072	FALSE
-0,072	0,279	-0,004	0,011	0,139	FALSE
-0,115	0,285	-0,006	0,015	0,161	FALSE
-0,101	0,301	-0,008	0,016	0,195	FALSE
0,036	0,273	-0,001	0,016	0,025	FALSE
-0,043	0,283	-0,002	0,010	0,053	FALSE
-0,044	0,275	-0,003	0,016	0,061	FALSE
-0,010	0,274	0,000	0,015	0,001	FALSE
0,028	0,277	0,004	0,016	0,088	FALSE
-0,060	0,283	-0,003	0,009	0,144	FALSE
0,281	0,255	0,009	0,009	0,474	FALSE
-0,170	0,280	-0,010	0,012	0,371	FALSE
-0,051	0,290	0,000	0,016	0,003	FALSE
0,140	0,281	0,007	0,014	0,192	FALSE
0,000	0,290	0,000	0,016	0,002	FALSE
-0,140	0,267	-0,007	0,016	0,183	FALSE
-0,100	0,266	-0,005	0,016	0,118	FALSE
0,060	0,268	0,002	0,010	0,085	FALSE
0,062	0,268	0,003	0,009	0,110	FALSE
-0,120	0,283	-0,006	0,014	0,191	FALSE
-0,004	0,277	-0,001	0,011	0,032	FALSE
-0,151	0,269	-0,009	0,018	0,201	FALSE
-0,116	0,290	-0,004	0,011	0,146	FALSE
-0,105	0,277	-0,003	0,010	0,134	FALSE
-0,203	0,275	-0,007	0,015	0,190	FALSE
-0,022	0,296	-0,001	0,014	0,025	FALSE
-0,157	0,270	-0,008	0,014	0,270	FALSE
0,167	0,275	0,008	0,015	0,236	FALSE
0,189	0,277	0,010	0,015	0,272	FALSE
0,063	0,290	0,004	0,011	0,122	FALSE
-0,055	0,298	-0,002	0,009	0,065	FALSE
-0,136	0,279	-0,004	0,008	0,195	FALSE
-0,083	0,283	-0,003	0,010	0,110	FALSE
0,066	0,282	0,002	0,015	0,038	FALSE
-0,234	0,289	-0,009	0,012	0,319	FALSE
-0,130	0,286	-0,007	0,016	0,188	FALSE
0,133	0,283	0,006	0,012	0,208	FALSE
0,028	0,286	0,002	0,017	0,050	FALSE
0,106	0,262	0,003	0,017	0,075	FALSE
-0,111	0,288	-0,003	0,017	0,071	FALSE
0,057	0,270	0,001	0,011	0,043	FALSE
0,088	0,283	0,003	0,017	0,063	FALSE
0,021	0,286	0,003	0,016	0,070	FALSE
-0,033	0,270	-0,003	0,017	0,060	FALSE
0,007	0,287	0,002	0,009	0,082	FALSE
0,044	0,273	0,000	0,017	0,008	FALSE
-0,095	0,297	-0,002	0,010	0,057	FALSE
-0,089	0,278	-0,004	0,017	0,086	FALSE
-0,070	0,279	-0,002	0,017	0,048	FALSE
-0,074	0,300	-0,003	0,013	0,090	FALSE
0,173	0,268	0,004	0,010	0,185	FALSE
-0,053	0,288	-0,004	0,016	0,088	FALSE

-0,154	0,289	-0,004	0,010	0,163	FALSE
0,084	0,283	0,002	0,009	0,095	FALSE
0,067	0,297	0,002	0,017	0,052	FALSE
0,060	0,291	0,002	0,018	0,048	FALSE
-0,049	0,282	-0,002	0,010	0,093	FALSE
-0,010	0,280	-0,001	0,012	0,019	FALSE
-0,051	0,284	-0,004	0,018	0,077	FALSE
0,067	0,276	0,004	0,012	0,128	FALSE
0,044	0,281	0,004	0,013	0,111	FALSE
0,008	0,281	0,000	0,012	0,012	FALSE
0,093	0,290	0,002	0,017	0,052	FALSE
0,083	0,268	0,004	0,015	0,111	FALSE
0,010	0,270	-0,002	0,010	0,055	FALSE
-0,119	0,273	-0,005	0,012	0,191	FALSE
-0,070	0,278	-0,003	0,013	0,098	FALSE
-0,051	0,294	-0,003	0,018	0,060	FALSE
-0,018	0,289	-0,002	0,017	0,041	FALSE
-0,100	0,285	-0,003	0,010	0,131	FALSE
-0,092	0,300	-0,002	0,009	0,075	FALSE
-0,139	0,270	-0,007	0,016	0,181	FALSE
-0,110	0,281	-0,006	0,016	0,141	FALSE
0,054	0,299	0,001	0,011	0,022	FALSE
-0,184	0,278	-0,012	0,017	0,302	FALSE
0,080	0,255	0,009	0,016	0,245	FALSE
0,069	0,283	0,001	0,010	0,046	FALSE
0,024	0,272	0,000	0,010	0,008	FALSE
0,089	0,277	0,005	0,015	0,115	FALSE
-0,041	0,288	-0,003	0,017	0,073	FALSE
0,199	0,274	0,014	0,017	0,377	FALSE
-0,124	0,281	-0,005	0,018	0,100	FALSE
-0,199	0,287	-0,007	0,016	0,186	FALSE
-0,035	0,302	0,000	0,011	0,003	FALSE
-0,018	0,279	0,001	0,010	0,028	FALSE
-0,282	0,272	-0,010	0,014	0,346	FALSE
0,018	0,282	0,002	0,012	0,059	FALSE
0,253	0,272	0,007	0,009	0,397	FALSE
-0,052	0,273	-0,001	0,017	0,024	FALSE
-0,016	0,279	0,001	0,012	0,019	FALSE
0,019	0,287	0,001	0,017	0,010	FALSE
0,142	0,286	0,005	0,014	0,162	FALSE
0,010	0,278	0,000	0,009	0,009	FALSE
-0,080	0,283	-0,006	0,013	0,197	FALSE
-0,103	0,293	-0,007	0,014	0,216	FALSE
-0,061	0,289	-0,007	0,017	0,180	FALSE
-0,107	0,262	-0,008	0,013	0,255	FALSE
-0,057	0,282	-0,005	0,014	0,129	FALSE
-0,092	0,286	-0,003	0,009	0,135	FALSE
0,087	0,282	0,002	0,014	0,064	FALSE
0,053	0,274	0,001	0,012	0,035	FALSE
-0,108	0,292	-0,005	0,014	0,155	FALSE
-0,029	0,284	-0,001	0,012	0,041	FALSE
0,174	0,275	0,007	0,010	0,305	FALSE
-0,021	0,279	-0,001	0,011	0,023	FALSE

0,088	0,275	0,001	0,015	0,026	FALSE
0,238	0,265	0,009	0,010	0,410	FALSE
-0,114	0,282	-0,006	0,017	0,143	FALSE
0,111	0,271	0,005	0,018	0,111	FALSE
0,015	0,277	0,002	0,013	0,063	FALSE
-0,092	0,289	-0,007	0,017	0,160	FALSE
0,026	0,298	0,003	0,018	0,060	FALSE
0,066	0,283	0,004	0,016	0,101	FALSE
0,109	0,270	0,003	0,012	0,103	FALSE
-0,084	0,278	-0,006	0,016	0,148	FALSE
-0,097	0,282	-0,003	0,011	0,116	FALSE
-0,045	0,281	-0,001	0,009	0,041	FALSE
0,021	0,279	0,000	0,014	0,006	FALSE
0,007	0,290	-0,001	0,015	0,029	FALSE
-0,062	0,287	-0,002	0,011	0,057	FALSE
0,172	0,289	0,006	0,010	0,280	FALSE
-0,069	0,279	-0,004	0,011	0,137	FALSE
-0,021	0,290	-0,002	0,012	0,067	FALSE
0,030	0,286	0,000	0,010	0,002	FALSE
-0,203	0,267	-0,011	0,017	0,284	FALSE
-0,121	0,279	-0,003	0,011	0,126	FALSE
0,156	0,284	0,009	0,017	0,219	FALSE
0,053	0,282	0,002	0,010	0,075	FALSE
-0,083	0,276	-0,005	0,018	0,118	FALSE
0,028	0,278	0,002	0,017	0,046	FALSE
-0,161	0,286	-0,009	0,016	0,234	FALSE
-0,157	0,289	-0,008	0,015	0,222	FALSE
0,186	0,263	0,012	0,014	0,376	FALSE
0,160	0,275	0,005	0,010	0,208	FALSE
-0,044	0,285	-0,004	0,013	0,121	FALSE
0,071	0,275	0,004	0,013	0,123	FALSE
-0,130	0,273	-0,007	0,012	0,259	FALSE
0,039	0,285	0,002	0,011	0,072	FALSE
0,056	0,278	0,003	0,012	0,089	FALSE
-0,098	0,291	-0,005	0,015	0,122	FALSE
-0,037	0,263	-0,002	0,010	0,063	TRUE
0,041	0,277	0,002	0,015	0,055	FALSE
0,027	0,292	0,003	0,011	0,090	FALSE
0,143	0,294	0,007	0,015	0,179	FALSE
0,052	0,289	0,002	0,010	0,077	FALSE
0,047	0,278	0,001	0,009	0,048	FALSE
-0,108	0,293	-0,001	0,011	0,052	FALSE
-0,120	0,278	-0,004	0,012	0,140	FALSE
0,086	0,277	0,006	0,014	0,172	FALSE
0,142	0,287	0,005	0,018	0,117	FALSE
0,006	0,281	-0,003	0,013	0,084	FALSE
-0,058	0,289	-0,003	0,014	0,073	FALSE
0,062	0,278	0,002	0,010	0,076	FALSE
0,055	0,269	0,001	0,014	0,028	FALSE
-0,124	0,251	-0,006	0,014	0,171	FALSE
-0,094	0,288	-0,002	0,009	0,076	FALSE
-0,097	0,279	-0,003	0,012	0,082	FALSE
0,022	0,283	-0,001	0,010	0,019	FALSE

0,156	0,284	0,007	0,012	0,277	FALSE
0,111	0,295	0,006	0,012	0,193	FALSE
-0,127	0,276	-0,007	0,014	0,196	FALSE
-0,084	0,292	-0,005	0,016	0,129	FALSE
-0,067	0,281	-0,002	0,012	0,074	FALSE
-0,097	0,295	-0,003	0,014	0,077	FALSE
-0,089	0,280	-0,003	0,013	0,076	FALSE
0,244	0,263	0,014	0,016	0,401	FALSE
-0,120	0,283	-0,005	0,012	0,163	FALSE
0,148	0,259	0,010	0,017	0,255	FALSE
0,115	0,273	0,001	0,009	0,045	FALSE
-0,017	0,292	-0,001	0,013	0,034	FALSE
-0,075	0,286	0,000	0,011	0,005	FALSE
-0,036	0,294	0,000	0,010	0,008	FALSE
-0,094	0,285	-0,002	0,013	0,054	FALSE
-0,028	0,297	0,000	0,009	0,009	FALSE
-0,017	0,287	-0,003	0,016	0,065	FALSE
0,037	0,284	0,004	0,017	0,086	FALSE
-0,011	0,293	-0,001	0,018	0,026	FALSE
0,082	0,290	0,002	0,016	0,038	FALSE
0,076	0,286	0,003	0,010	0,132	FALSE
0,050	0,277	0,001	0,009	0,030	FALSE
0,122	0,292	0,009	0,016	0,235	FALSE
-0,080	0,285	-0,005	0,017	0,128	FALSE
-0,282	0,265	-0,014	0,014	0,490	FALSE
-0,162	0,297	-0,004	0,011	0,161	FALSE
-0,101	0,277	-0,003	0,010	0,107	FALSE
0,091	0,274	0,002	0,010	0,094	FALSE
-0,111	0,287	-0,003	0,013	0,094	FALSE
0,101	0,277	0,005	0,013	0,145	FALSE
0,116	0,273	0,005	0,015	0,129	FALSE
0,142	0,284	0,006	0,012	0,186	FALSE
0,187	0,270	0,006	0,010	0,252	FALSE
0,141	0,290	0,006	0,010	0,268	FALSE
-0,003	0,281	0,000	0,011	0,004	FALSE
0,176	0,279	0,008	0,015	0,222	FALSE
0,157	0,276	0,006	0,012	0,225	FALSE
0,056	0,285	0,000	0,010	0,012	FALSE
0,022	0,279	0,002	0,016	0,049	FALSE
-0,192	0,276	-0,007	0,015	0,209	FALSE
-0,128	0,279	-0,006	0,017	0,145	FALSE
0,146	0,282	0,005	0,010	0,217	FALSE
-0,049	0,291	-0,001	0,009	0,055	FALSE
-0,051	0,282	-0,004	0,017	0,103	FALSE
0,059	0,281	0,001	0,013	0,032	FALSE
0,004	0,277	-0,001	0,010	0,030	FALSE
-0,099	0,285	-0,003	0,010	0,126	FALSE
-0,074	0,291	-0,003	0,011	0,091	FALSE
0,007	0,282	0,001	0,009	0,045	FALSE
0,206	0,269	0,009	0,012	0,333	FALSE
0,156	0,268	0,004	0,009	0,184	FALSE
0,174	0,266	0,005	0,011	0,175	FALSE
-0,082	0,299	-0,007	0,017	0,168	FALSE

-0,058	0,275	-0,002	0,017	0,039	FALSE
0,126	0,283	0,004	0,013	0,111	FALSE
0,112	0,270	0,003	0,012	0,109	FALSE
0,109	0,283	0,004	0,013	0,105	FALSE
-0,204	0,281	-0,012	0,017	0,315	FALSE
-0,029	0,287	0,000	0,010	0,006	FALSE
-0,188	0,282	-0,007	0,011	0,285	FALSE
0,098	0,277	0,004	0,013	0,110	FALSE
0,006	0,276	0,001	0,009	0,048	FALSE
-0,046	0,286	-0,001	0,015	0,014	FALSE
-0,168	0,264	-0,009	0,016	0,237	FALSE
-0,188	0,283	-0,006	0,011	0,266	FALSE
-0,048	0,298	-0,002	0,014	0,054	FALSE
-0,008	0,288	0,000	0,010	0,018	FALSE
-0,177	0,284	-0,009	0,018	0,203	FALSE
-0,019	0,279	0,000	0,011	0,012	FALSE
0,018	0,282	0,002	0,012	0,048	FALSE
0,006	0,293	0,001	0,016	0,024	FALSE
-0,047	0,277	-0,003	0,018	0,069	TRUE
-0,035	0,298	0,000	0,009	0,018	FALSE
0,020	0,289	-0,001	0,014	0,023	FALSE
-0,030	0,284	-0,002	0,010	0,083	FALSE
-0,089	0,292	-0,002	0,010	0,054	FALSE
-0,142	0,285	-0,003	0,010	0,095	FALSE
-0,207	0,288	-0,010	0,016	0,270	FALSE
-0,190	0,283	-0,009	0,014	0,289	FALSE
0,048	0,284	0,000	0,013	0,000	FALSE
0,083	0,283	0,002	0,012	0,062	FALSE
-0,143	0,280	-0,005	0,013	0,155	FALSE
0,153	0,272	0,010	0,016	0,263	FALSE
0,078	0,284	0,003	0,011	0,107	FALSE
0,057	0,297	0,002	0,011	0,068	FALSE
0,079	0,267	0,004	0,013	0,114	FALSE
0,166	0,271	0,005	0,011	0,204	FALSE
0,075	0,286	0,004	0,015	0,116	FALSE
0,118	0,281	0,005	0,011	0,175	FALSE
-0,026	0,290	-0,001	0,009	0,056	FALSE
0,074	0,261	0,003	0,014	0,087	FALSE
0,024	0,280	0,001	0,009	0,043	FALSE
0,104	0,265	0,002	0,008	0,107	FALSE
0,113	0,278	0,003	0,009	0,124	FALSE
0,030	0,286	0,001	0,009	0,050	FALSE
-0,016	0,289	0,000	0,010	0,000	FALSE
-0,117	0,284	-0,004	0,018	0,082	FALSE
-0,110	0,279	-0,003	0,017	0,070	FALSE
-0,102	0,281	-0,003	0,017	0,061	FALSE
-0,017	0,275	-0,001	0,011	0,043	FALSE
0,090	0,289	0,005	0,014	0,140	FALSE
0,024	0,293	0,001	0,012	0,034	FALSE
-0,115	0,270	-0,005	0,015	0,140	FALSE
0,028	0,293	0,001	0,012	0,035	FALSE
-0,203	0,282	-0,005	0,009	0,263	FALSE
0,220	0,262	0,009	0,014	0,281	FALSE

0,193	0,259	0,008	0,011	0,338	FALSE
0,185	0,265	0,008	0,012	0,296	FALSE
0,166	0,278	0,007	0,015	0,185	FALSE
0,169	0,265	0,006	0,014	0,183	FALSE
0,149	0,277	0,006	0,015	0,156	FALSE
0,216	0,267	0,008	0,012	0,297	FALSE
0,129	0,272	0,002	0,010	0,092	FALSE
0,175	0,278	0,007	0,015	0,214	FALSE
-0,027	0,281	-0,001	0,013	0,037	FALSE
0,212	0,259	0,006	0,012	0,212	FALSE
-0,161	0,268	-0,005	0,011	0,204	FALSE
-0,175	0,285	-0,006	0,010	0,253	FALSE
-0,074	0,270	-0,001	0,011	0,042	FALSE
-0,143	0,284	-0,005	0,011	0,190	FALSE
-0,145	0,285	-0,005	0,011	0,195	FALSE
-0,028	0,279	-0,002	0,009	0,066	FALSE
-0,111	0,289	-0,002	0,014	0,050	FALSE
-0,163	0,293	-0,005	0,012	0,161	FALSE
-0,031	0,287	-0,002	0,016	0,057	FALSE
-0,080	0,284	-0,004	0,012	0,125	FALSE
-0,012	0,285	0,000	0,017	0,000	FALSE
-0,007	0,288	0,000	0,010	0,016	FALSE
-0,199	0,281	-0,012	0,016	0,330	FALSE
-0,016	0,283	-0,002	0,014	0,040	FALSE
0,010	0,272	0,002	0,015	0,047	FALSE
-0,053	0,286	-0,002	0,010	0,079	FALSE
0,054	0,289	0,003	0,017	0,059	FALSE
-0,120	0,293	-0,004	0,011	0,160	FALSE
0,136	0,278	0,008	0,017	0,205	FALSE
-0,116	0,291	-0,005	0,014	0,138	FALSE
0,216	0,257	0,006	0,010	0,298	FALSE
-0,131	0,281	-0,003	0,011	0,126	FALSE
-0,092	0,287	-0,003	0,011	0,103	FALSE
0,128	0,283	0,005	0,011	0,213	FALSE
0,228	0,279	0,007	0,009	0,372	FALSE
0,059	0,284	0,004	0,017	0,099	FALSE
0,029	0,271	0,001	0,010	0,045	FALSE
0,113	0,287	0,007	0,017	0,173	FALSE
-0,003	0,275	0,001	0,011	0,043	FALSE
0,168	0,279	0,006	0,011	0,221	FALSE
-0,083	0,274	-0,002	0,009	0,083	FALSE
-0,060	0,272	-0,003	0,017	0,063	FALSE
0,120	0,261	0,005	0,010	0,212	FALSE
0,137	0,282	0,004	0,011	0,156	FALSE
-0,145	0,287	-0,005	0,016	0,127	FALSE
-0,123	0,285	-0,004	0,015	0,099	FALSE
-0,133	0,278	-0,004	0,015	0,109	FALSE
-0,043	0,283	0,000	0,009	0,014	FALSE
-0,153	0,275	-0,005	0,015	0,141	FALSE
-0,163	0,284	-0,010	0,017	0,246	FALSE
0,071	0,273	0,002	0,009	0,065	FALSE
-0,080	0,291	-0,005	0,014	0,135	FALSE
0,010	0,281	0,001	0,012	0,036	FALSE

0,044	0,288	0,002	0,017	0,034	FALSE
0,071	0,284	0,002	0,013	0,055	FALSE
-0,106	0,292	-0,005	0,012	0,170	FALSE
0,187	0,281	0,005	0,008	0,249	FALSE
-0,118	0,278	-0,002	0,010	0,086	FALSE
-0,114	0,299	-0,004	0,010	0,184	FALSE
-0,043	0,289	-0,002	0,010	0,078	FALSE
-0,077	0,284	-0,003	0,010	0,111	FALSE
0,109	0,285	0,005	0,016	0,133	FALSE
0,042	0,280	0,001	0,009	0,046	FALSE
-0,077	0,293	-0,003	0,009	0,145	FALSE
0,016	0,293	0,001	0,009	0,043	FALSE
0,151	0,288	0,007	0,015	0,197	FALSE
-0,008	0,288	-0,001	0,015	0,013	FALSE
0,195	0,269	0,010	0,017	0,248	FALSE
-0,023	0,289	0,002	0,016	0,038	FALSE
0,255	0,261	0,009	0,011	0,381	FALSE
-0,001	0,289	0,001	0,013	0,039	FALSE
-0,048	0,270	-0,005	0,017	0,110	FALSE
0,121	0,289	0,005	0,012	0,166	FALSE
0,131	0,286	0,004	0,009	0,184	FALSE
0,037	0,272	0,003	0,012	0,101	FALSE
-0,150	0,280	-0,005	0,010	0,217	FALSE
0,122	0,274	0,008	0,017	0,185	FALSE
0,126	0,297	0,008	0,018	0,189	FALSE
-0,149	0,280	-0,009	0,014	0,269	FALSE
-0,027	0,278	0,000	0,010	0,009	FALSE
-0,115	0,274	-0,003	0,016	0,074	FALSE
0,010	0,281	0,000	0,011	0,014	FALSE
-0,057	0,282	-0,005	0,018	0,120	FALSE
0,135	0,285	0,008	0,014	0,249	FALSE
-0,052	0,291	-0,004	0,017	0,084	FALSE
0,086	0,291	0,004	0,017	0,090	FALSE
-0,213	0,278	-0,006	0,009	0,307	FALSE
-0,062	0,284	-0,002	0,010	0,074	FALSE
-0,042	0,289	-0,002	0,016	0,053	FALSE
-0,154	0,274	-0,008	0,014	0,235	FALSE
-0,174	0,281	-0,005	0,008	0,272	FALSE
-0,184	0,286	-0,006	0,010	0,242	FALSE
0,200	0,274	0,007	0,009	0,328	FALSE
0,041	0,275	0,002	0,011	0,081	FALSE
0,081	0,283	0,003	0,012	0,113	FALSE
-0,088	0,283	-0,005	0,015	0,131	FALSE
0,054	0,274	0,002	0,014	0,063	FALSE
-0,082	0,285	-0,003	0,014	0,073	FALSE
0,136	0,282	0,007	0,014	0,207	FALSE
-0,063	0,278	-0,002	0,009	0,089	FALSE
-0,144	0,269	-0,003	0,011	0,118	FALSE
0,170	0,268	0,008	0,015	0,220	FALSE
-0,033	0,290	-0,002	0,016	0,045	FALSE
0,197	0,275	0,006	0,009	0,275	FALSE
-0,010	0,278	-0,002	0,016	0,059	FALSE
0,118	0,284	0,004	0,012	0,136	FALSE

0,015	0,293	0,002	0,014	0,058	FALSE
0,006	0,304	-0,001	0,015	0,024	FALSE
0,075	0,276	0,004	0,010	0,180	FALSE
0,036	0,295	0,000	0,010	0,005	FALSE
-0,007	0,292	-0,001	0,015	0,034	FALSE
-0,264	0,263	-0,014	0,017	0,379	FALSE
0,296	0,265	0,009	0,010	0,466	FALSE
-0,065	0,272	-0,002	0,008	0,104	FALSE
0,105	0,285	0,003	0,009	0,114	FALSE
-0,095	0,271	-0,004	0,011	0,139	FALSE
0,067	0,291	0,003	0,013	0,092	FALSE
-0,088	0,286	-0,004	0,009	0,173	FALSE
-0,007	0,286	0,002	0,011	0,077	FALSE
0,024	0,283	0,001	0,009	0,040	FALSE
-0,095	0,297	-0,003	0,017	0,063	FALSE
-0,042	0,282	-0,001	0,008	0,036	FALSE
-0,006	0,284	0,000	0,017	0,006	FALSE
0,079	0,287	0,002	0,012	0,080	FALSE
0,191	0,276	0,014	0,018	0,353	FALSE
0,063	0,273	0,002	0,016	0,040	FALSE
0,074	0,282	0,006	0,017	0,128	FALSE
0,059	0,271	0,000	0,013	0,010	FALSE
0,013	0,287	-0,002	0,017	0,038	FALSE
0,032	0,271	-0,001	0,010	0,030	FALSE
0,049	0,292	0,002	0,011	0,079	FALSE
0,102	0,286	0,005	0,012	0,158	FALSE
0,013	0,288	0,001	0,014	0,014	FALSE
0,173	0,291	0,005	0,010	0,218	FALSE
0,065	0,286	0,004	0,017	0,083	FALSE
0,047	0,285	0,004	0,014	0,104	FALSE
0,104	0,273	0,003	0,015	0,081	FALSE
-0,110	0,285	-0,005	0,015	0,146	FALSE
-0,096	0,288	-0,003	0,009	0,132	FALSE
0,264	0,272	0,013	0,015	0,408	FALSE
0,100	0,268	0,007	0,017	0,158	FALSE
-0,019	0,287	0,000	0,010	0,005	FALSE
-0,132	0,294	-0,006	0,014	0,179	FALSE
-0,089	0,287	-0,006	0,016	0,148	FALSE
0,027	0,276	0,000	0,014	0,005	FALSE
-0,033	0,277	-0,002	0,013	0,051	FALSE
-0,068	0,284	-0,003	0,010	0,126	FALSE
0,133	0,281	0,003	0,009	0,145	FALSE
0,107	0,280	0,002	0,009	0,099	FALSE
-0,002	0,299	0,001	0,017	0,012	FALSE
0,053	0,278	0,002	0,008	0,072	FALSE
0,040	0,280	0,001	0,013	0,026	FALSE
0,252	0,264	0,007	0,009	0,327	FALSE
-0,084	0,285	-0,004	0,016	0,095	FALSE
-0,080	0,294	-0,004	0,013	0,125	FALSE
0,048	0,290	0,003	0,015	0,084	FALSE
0,123	0,279	0,004	0,009	0,179	FALSE
-0,088	0,280	-0,004	0,009	0,150	FALSE
-0,072	0,285	-0,003	0,008	0,169	FALSE

-0,113	0,273	-0,007	0,014	0,209	FALSE
-0,064	0,298	-0,003	0,017	0,066	FALSE
-0,044	0,307	-0,002	0,014	0,067	FALSE
-0,047	0,279	-0,001	0,009	0,043	FALSE
0,193	0,259	0,006	0,012	0,212	FALSE
0,107	0,267	0,002	0,014	0,067	FALSE
-0,063	0,286	-0,001	0,011	0,046	FALSE
0,028	0,280	0,003	0,010	0,109	FALSE
0,136	0,265	0,006	0,014	0,186	FALSE
-0,179	0,281	-0,007	0,010	0,283	FALSE
0,047	0,290	0,001	0,018	0,015	FALSE
0,029	0,286	0,000	0,015	0,008	FALSE
0,027	0,292	0,001	0,012	0,036	FALSE
-0,035	0,289	-0,002	0,014	0,041	FALSE
-0,017	0,282	0,000	0,017	0,005	FALSE
0,000	0,281	0,000	0,018	0,000	FALSE
-0,016	0,281	-0,001	0,008	0,028	FALSE
-0,014	0,271	-0,002	0,012	0,048	FALSE
-0,103	0,292	-0,003	0,009	0,134	FALSE
0,100	0,274	0,007	0,017	0,168	FALSE
-0,089	0,287	-0,006	0,016	0,148	FALSE
0,005	0,290	0,000	0,012	0,014	FALSE
-0,014	0,297	-0,001	0,013	0,029	FALSE
-0,121	0,267	-0,008	0,014	0,262	FALSE
0,192	0,257	0,006	0,010	0,276	FALSE
0,088	0,285	0,005	0,014	0,131	FALSE
-0,099	0,265	-0,002	0,015	0,038	FALSE
0,165	0,281	0,008	0,015	0,214	FALSE
-0,203	0,269	-0,009	0,012	0,347	FALSE
-0,061	0,290	-0,003	0,009	0,114	FALSE
0,049	0,280	0,001	0,011	0,022	FALSE
0,027	0,299	0,001	0,009	0,037	FALSE
-0,036	0,287	-0,002	0,016	0,052	FALSE
0,039	0,291	0,003	0,013	0,107	FALSE
-0,075	0,299	-0,003	0,018	0,068	FALSE
-0,049	0,295	-0,001	0,009	0,049	FALSE
0,002	0,281	0,001	0,011	0,020	FALSE
-0,171	0,284	-0,007	0,010	0,279	FALSE
0,178	0,275	0,004	0,008	0,220	FALSE
0,086	0,286	0,003	0,014	0,074	FALSE
-0,100	0,272	-0,004	0,011	0,142	FALSE
0,105	0,292	0,003	0,009	0,118	FALSE
0,034	0,276	0,000	0,010	0,004	FALSE
0,153	0,271	0,008	0,015	0,241	FALSE
0,140	0,280	0,006	0,018	0,125	FALSE
0,162	0,268	0,006	0,016	0,151	FALSE
-0,094	0,297	-0,003	0,018	0,056	FALSE
0,052	0,289	0,000	0,015	0,009	FALSE
-0,065	0,282	-0,003	0,017	0,059	FALSE
0,047	0,279	0,002	0,017	0,041	FALSE
-0,115	0,296	-0,007	0,017	0,158	FALSE
-0,088	0,297	-0,005	0,015	0,142	FALSE
0,074	0,296	0,002	0,013	0,071	FALSE

0,127	0,267	0,005	0,011	0,187	FALSE
0,153	0,272	0,006	0,012	0,217	FALSE
0,205	0,272	0,006	0,009	0,270	FALSE
0,033	0,297	0,001	0,017	0,012	FALSE
0,090	0,295	0,006	0,017	0,136	FALSE
0,054	0,290	0,001	0,008	0,040	FALSE
-0,015	0,298	0,000	0,012	0,002	FALSE
-0,064	0,298	-0,005	0,018	0,114	FALSE
0,089	0,295	0,006	0,018	0,125	FALSE
-0,072	0,284	-0,004	0,017	0,082	FALSE
0,004	0,288	-0,002	0,017	0,039	FALSE
-0,108	0,287	-0,010	0,017	0,250	FALSE
0,071	0,284	0,001	0,009	0,046	FALSE
0,016	0,297	0,001	0,010	0,018	FALSE
-0,037	0,280	0,000	0,013	0,006	FALSE
0,027	0,288	0,001	0,009	0,035	FALSE
-0,042	0,300	-0,002	0,009	0,060	FALSE
-0,191	0,282	-0,013	0,017	0,352	FALSE
-0,193	0,273	-0,013	0,017	0,364	FALSE
-0,170	0,289	-0,012	0,018	0,288	FALSE
-0,250	0,277	-0,015	0,016	0,428	FALSE
0,014	0,283	0,002	0,013	0,042	FALSE
0,011	0,292	0,000	0,011	0,012	FALSE
0,102	0,275	0,004	0,011	0,130	FALSE
-0,014	0,285	0,000	0,013	0,002	FALSE
0,075	0,293	0,005	0,018	0,104	FALSE
-0,038	0,297	-0,001	0,011	0,025	FALSE
-0,216	0,277	-0,008	0,012	0,286	FALSE
-0,044	0,272	-0,001	0,009	0,022	FALSE
-0,014	0,270	0,001	0,010	0,036	FALSE
0,060	0,299	0,003	0,018	0,067	FALSE
0,035	0,286	0,002	0,017	0,034	FALSE
-0,133	0,287	-0,003	0,009	0,154	FALSE
0,093	0,259	0,005	0,013	0,157	FALSE
0,108	0,284	0,007	0,014	0,207	FALSE
0,231	0,281	0,009	0,011	0,375	FALSE
0,160	0,270	0,008	0,015	0,223	FALSE
-0,193	0,269	-0,006	0,009	0,281	FALSE
-0,045	0,286	-0,002	0,010	0,086	FALSE
-0,233	0,293	-0,007	0,011	0,308	FALSE
-0,031	0,283	0,000	0,017	0,005	FALSE
0,050	0,276	0,001	0,009	0,036	FALSE
0,156	0,274	0,007	0,010	0,279	FALSE
0,043	0,282	0,003	0,015	0,061	FALSE
-0,078	0,293	-0,006	0,017	0,134	FALSE
-0,122	0,288	-0,003	0,009	0,139	FALSE
0,026	0,284	0,000	0,014	0,007	FALSE
-0,142	0,291	-0,003	0,009	0,139	FALSE
-0,114	0,294	-0,002	0,009	0,100	FALSE
0,095	0,281	0,003	0,011	0,086	FALSE
0,075	0,285	0,003	0,017	0,066	FALSE
-0,024	0,272	-0,001	0,016	0,031	FALSE
0,014	0,285	0,000	0,017	0,006	FALSE

0,121	0,295	0,004	0,009	0,171	FALSE
-0,158	0,267	-0,008	0,016	0,203	FALSE
0,169	0,283	0,006	0,013	0,175	FALSE
0,193	0,277	0,006	0,009	0,283	FALSE
-0,131	0,266	-0,007	0,015	0,201	FALSE
0,057	0,287	0,004	0,018	0,094	FALSE
0,004	0,295	0,002	0,009	0,067	FALSE
-0,028	0,291	-0,002	0,010	0,065	FALSE
-0,008	0,307	0,000	0,012	0,007	FALSE
0,082	0,268	0,001	0,009	0,036	FALSE
0,073	0,278	0,002	0,013	0,067	FALSE
-0,247	0,261	-0,013	0,014	0,421	FALSE
0,136	0,288	0,005	0,014	0,157	FALSE
-0,056	0,285	-0,002	0,011	0,062	FALSE
-0,003	0,290	-0,002	0,011	0,053	FALSE
0,203	0,283	0,005	0,011	0,211	FALSE
0,086	0,285	0,006	0,015	0,146	FALSE
0,079	0,282	0,005	0,015	0,119	FALSE
-0,077	0,268	-0,004	0,012	0,118	FALSE
-0,106	0,281	-0,007	0,015	0,201	FALSE
0,055	0,279	0,001	0,011	0,040	FALSE
0,061	0,282	0,001	0,011	0,035	FALSE
0,112	0,276	0,007	0,015	0,199	FALSE
0,030	0,295	0,000	0,012	0,001	FALSE
-0,058	0,286	-0,003	0,013	0,075	FALSE
0,028	0,285	0,000	0,011	0,004	FALSE
0,246	0,268	0,009	0,012	0,347	FALSE
-0,029	0,269	0,000	0,010	0,013	FALSE
0,110	0,274	0,006	0,017	0,129	FALSE
-0,062	0,284	-0,001	0,015	0,034	FALSE
0,057	0,296	0,002	0,011	0,069	FALSE
-0,126	0,289	-0,005	0,012	0,181	FALSE
0,098	0,303	0,004	0,011	0,124	FALSE
0,033	0,278	0,002	0,014	0,041	FALSE
-0,063	0,277	-0,004	0,016	0,095	FALSE
-0,156	0,278	-0,004	0,010	0,177	FALSE
0,037	0,285	0,000	0,014	0,009	FALSE
0,011	0,295	-0,001	0,015	0,018	FALSE
0,068	0,287	0,003	0,016	0,069	FALSE
-0,082	0,291	-0,001	0,011	0,021	FALSE
0,056	0,283	0,001	0,013	0,023	FALSE
-0,023	0,291	-0,002	0,011	0,061	FALSE
-0,141	0,278	-0,004	0,009	0,196	FALSE
-0,008	0,274	0,001	0,008	0,041	FALSE
-0,100	0,287	-0,002	0,012	0,066	FALSE
-0,068	0,296	-0,004	0,018	0,081	FALSE
-0,206	0,287	-0,006	0,008	0,317	FALSE
-0,118	0,286	-0,002	0,010	0,092	FALSE
-0,080	0,273	-0,004	0,015	0,091	FALSE
0,007	0,274	0,000	0,011	0,015	FALSE
0,077	0,287	0,004	0,017	0,082	FALSE
-0,001	0,274	-0,001	0,009	0,027	FALSE
-0,098	0,292	-0,003	0,010	0,133	FALSE

0,042	0,295	0,002	0,016	0,038	FALSE
-0,039	0,285	-0,004	0,017	0,079	FALSE
-0,185	0,297	-0,007	0,013	0,246	FALSE
-0,047	0,273	0,000	0,011	0,007	FALSE
-0,093	0,283	-0,004	0,011	0,173	FALSE
-0,053	0,286	-0,001	0,009	0,032	FALSE
-0,172	0,272	-0,006	0,009	0,277	FALSE
-0,125	0,286	-0,004	0,012	0,127	FALSE
-0,162	0,271	-0,009	0,012	0,335	FALSE
0,053	0,268	0,004	0,015	0,093	FALSE
0,044	0,276	0,004	0,015	0,089	FALSE
-0,019	0,291	0,001	0,016	0,020	FALSE
-0,027	0,270	-0,002	0,011	0,060	FALSE
0,047	0,288	0,000	0,011	0,014	FALSE
-0,087	0,300	-0,004	0,015	0,111	FALSE
-0,060	0,289	-0,004	0,015	0,093	FALSE
0,160	0,282	0,008	0,016	0,225	FALSE
0,031	0,277	0,000	0,010	0,017	FALSE
-0,162	0,269	-0,007	0,012	0,231	FALSE
-0,053	0,270	0,000	0,013	0,001	FALSE
0,230	0,270	0,010	0,014	0,337	FALSE
-0,092	0,292	-0,003	0,009	0,114	FALSE
-0,058	0,284	-0,001	0,011	0,047	FALSE
-0,028	0,282	-0,001	0,016	0,029	FALSE
-0,153	0,299	-0,004	0,009	0,183	FALSE
0,081	0,286	0,002	0,010	0,078	FALSE
0,112	0,276	0,003	0,009	0,106	FALSE
0,131	0,276	0,003	0,010	0,136	FALSE
0,155	0,280	0,004	0,010	0,183	FALSE
-0,117	0,284	-0,003	0,011	0,092	FALSE
0,143	0,273	0,003	0,009	0,138	FALSE
-0,092	0,277	-0,001	0,010	0,050	FALSE
0,128	0,277	0,003	0,009	0,110	FALSE
0,152	0,277	0,003	0,009	0,155	FALSE
0,022	0,273	0,001	0,009	0,059	FALSE
-0,112	0,282	-0,005	0,017	0,108	FALSE
0,059	0,281	0,002	0,012	0,066	FALSE
-0,071	0,260	-0,003	0,013	0,092	FALSE
-0,021	0,294	-0,002	0,016	0,054	FALSE
0,055	0,272	0,000	0,011	0,004	FALSE
-0,057	0,286	-0,006	0,017	0,133	FALSE
0,040	0,276	0,002	0,009	0,083	FALSE
0,089	0,278	0,002	0,010	0,079	FALSE
0,036	0,279	0,004	0,015	0,092	FALSE
0,059	0,282	0,008	0,018	0,197	FALSE
0,012	0,280	0,001	0,015	0,033	FALSE
-0,118	0,280	-0,006	0,013	0,182	FALSE
-0,248	0,280	-0,008	0,010	0,357	FALSE
-0,203	0,277	-0,006	0,009	0,284	FALSE
-0,011	0,281	0,000	0,009	0,017	FALSE
0,138	0,280	0,005	0,016	0,131	FALSE
-0,081	0,275	-0,004	0,010	0,140	FALSE
-0,010	0,291	0,000	0,012	0,008	FALSE

-0,103	0,287	-0,006	0,017	0,130	FALSE
0,062	0,270	0,005	0,015	0,119	FALSE
0,108	0,287	0,003	0,010	0,121	FALSE
0,089	0,289	0,006	0,018	0,132	FALSE
0,162	0,291	0,005	0,009	0,226	FALSE
-0,048	0,279	-0,001	0,015	0,014	FALSE
-0,087	0,292	-0,002	0,011	0,055	FALSE
-0,090	0,275	-0,002	0,010	0,059	FALSE
0,075	0,282	0,007	0,017	0,162	FALSE
0,049	0,290	0,007	0,018	0,151	FALSE
0,012	0,284	0,004	0,017	0,101	FALSE
0,014	0,278	0,004	0,017	0,097	FALSE
0,035	0,285	0,005	0,016	0,118	FALSE
-0,001	0,289	0,003	0,017	0,064	FALSE
-0,019	0,288	-0,004	0,017	0,082	FALSE
-0,190	0,280	-0,006	0,012	0,228	FALSE
-0,023	0,285	-0,002	0,011	0,084	FALSE
-0,116	0,289	-0,004	0,015	0,116	FALSE
-0,232	0,268	-0,012	0,017	0,329	FALSE
0,280	0,269	0,013	0,014	0,441	FALSE
-0,199	0,266	-0,011	0,017	0,299	FALSE
0,213	0,271	0,007	0,009	0,343	FALSE
-0,058	0,278	-0,004	0,013	0,117	FALSE
0,021	0,286	0,000	0,009	0,013	FALSE
0,027	0,285	0,000	0,017	0,004	FALSE
0,098	0,280	0,008	0,016	0,200	FALSE
0,004	0,272	-0,001	0,010	0,027	FALSE
0,159	0,282	0,009	0,016	0,237	FALSE
-0,128	0,283	-0,006	0,012	0,195	FALSE
-0,074	0,286	-0,003	0,014	0,096	FALSE
-0,053	0,281	-0,003	0,009	0,123	FALSE
0,029	0,284	0,002	0,014	0,044	FALSE
0,095	0,268	0,004	0,014	0,124	FALSE
0,030	0,284	-0,001	0,009	0,051	FALSE
0,020	0,287	-0,001	0,009	0,046	FALSE
-0,088	0,268	0,000	0,009	0,001	FALSE
-0,148	0,272	-0,005	0,011	0,194	FALSE
-0,056	0,261	0,000	0,015	0,002	FALSE
-0,056	0,276	-0,004	0,012	0,111	FALSE
0,113	0,293	0,003	0,009	0,127	FALSE
-0,030	0,277	-0,001	0,008	0,039	FALSE
0,022	0,301	0,003	0,016	0,066	FALSE
-0,054	0,264	0,000	0,010	0,005	FALSE
0,054	0,282	0,001	0,012	0,037	FALSE
-0,013	0,290	-0,001	0,018	0,022	FALSE
0,140	0,272	0,004	0,010	0,161	FALSE
-0,090	0,279	-0,003	0,015	0,076	FALSE
0,020	0,290	0,002	0,013	0,049	FALSE
-0,089	0,279	-0,004	0,013	0,102	FALSE
-0,055	0,281	-0,004	0,016	0,095	FALSE
-0,093	0,277	-0,007	0,016	0,162	FALSE
-0,092	0,278	-0,006	0,016	0,150	FALSE
-0,018	0,283	-0,001	0,010	0,021	FALSE

0,079	0,287	0,002	0,016	0,049	FALSE
0,075	0,290	0,003	0,009	0,117	FALSE
-0,042	0,279	0,000	0,011	0,004	FALSE
-0,067	0,291	-0,002	0,009	0,076	FALSE
0,133	0,272	0,006	0,017	0,149	FALSE
0,000	0,277	0,001	0,009	0,043	FALSE
-0,099	0,286	-0,004	0,018	0,084	FALSE
0,042	0,292	0,000	0,015	0,011	FALSE
-0,112	0,293	-0,003	0,012	0,081	FALSE
-0,052	0,271	-0,001	0,009	0,027	FALSE
0,189	0,285	0,007	0,011	0,253	FALSE
-0,076	0,291	-0,003	0,009	0,130	FALSE
-0,162	0,266	-0,005	0,014	0,139	FALSE
0,071	0,281	0,002	0,010	0,053	FALSE
0,204	0,275	0,009	0,015	0,264	FALSE
0,206	0,286	0,006	0,012	0,232	FALSE
-0,160	0,278	-0,006	0,009	0,288	FALSE
0,114	0,271	0,003	0,008	0,132	FALSE
-0,161	0,292	-0,004	0,009	0,161	FALSE
0,025	0,281	0,000	0,013	0,004	FALSE
0,212	0,280	0,008	0,013	0,267	FALSE
0,008	0,283	0,000	0,016	0,003	FALSE
0,097	0,274	0,005	0,017	0,128	FALSE
0,173	0,275	0,006	0,013	0,213	FALSE
0,095	0,295	0,002	0,009	0,082	FALSE
-0,070	0,283	-0,001	0,010	0,041	FALSE
-0,034	0,271	0,000	0,013	0,003	FALSE
-0,079	0,284	-0,003	0,016	0,070	FALSE
0,149	0,282	0,003	0,009	0,152	FALSE
0,064	0,288	0,007	0,016	0,166	FALSE
0,120	0,282	0,004	0,014	0,121	FALSE
-0,098	0,282	-0,006	0,015	0,176	FALSE
0,094	0,285	0,004	0,011	0,155	FALSE
-0,068	0,283	-0,004	0,016	0,104	FALSE
0,064	0,279	0,005	0,017	0,121	FALSE
-0,020	0,273	-0,001	0,010	0,055	FALSE
0,026	0,302	-0,001	0,018	0,013	FALSE
0,016	0,285	0,000	0,009	0,016	FALSE
-0,104	0,279	-0,005	0,013	0,145	FALSE
-0,091	0,294	-0,003	0,012	0,102	FALSE
0,072	0,292	0,004	0,013	0,137	FALSE
-0,154	0,281	-0,006	0,012	0,216	FALSE
0,096	0,269	0,003	0,014	0,077	FALSE
0,145	0,293	0,006	0,018	0,138	FALSE
-0,043	0,278	-0,001	0,009	0,044	FALSE
0,123	0,270	0,003	0,008	0,143	FALSE
0,204	0,274	0,008	0,013	0,259	FALSE
0,225	0,261	0,007	0,011	0,291	FALSE
-0,081	0,290	-0,002	0,010	0,092	FALSE
0,046	0,289	0,003	0,015	0,066	FALSE
-0,040	0,287	-0,001	0,012	0,040	FALSE
-0,084	0,277	-0,002	0,009	0,083	FALSE
0,078	0,267	0,002	0,009	0,093	FALSE

0,200	0,279	0,008	0,011	0,333	FALSE
0,035	0,280	0,001	0,016	0,022	FALSE
-0,057	0,277	-0,003	0,015	0,083	FALSE
-0,032	0,285	-0,002	0,015	0,059	FALSE
-0,130	0,294	-0,006	0,017	0,142	FALSE
0,040	0,274	0,000	0,010	0,014	FALSE
-0,217	0,282	-0,008	0,010	0,362	FALSE
0,094	0,293	0,005	0,013	0,140	FALSE
-0,129	0,288	-0,007	0,018	0,171	FALSE
-0,049	0,292	-0,002	0,010	0,062	FALSE
-0,022	0,294	0,000	0,009	0,009	FALSE
0,052	0,274	0,003	0,016	0,075	FALSE
0,071	0,285	0,001	0,008	0,061	FALSE
-0,012	0,286	0,000	0,011	0,016	FALSE
-0,045	0,297	-0,005	0,018	0,110	FALSE
-0,134	0,292	-0,003	0,009	0,147	FALSE
-0,186	0,289	-0,006	0,010	0,260	FALSE
0,009	0,290	0,002	0,014	0,043	FALSE
0,366	0,241	0,014	0,011	0,699	FALSE
0,099	0,280	0,006	0,012	0,197	FALSE
0,091	0,292	0,004	0,016	0,104	FALSE
0,172	0,281	0,010	0,014	0,303	FALSE
0,143	0,285	0,009	0,015	0,255	FALSE
-0,085	0,288	-0,004	0,016	0,093	FALSE
-0,136	0,279	-0,004	0,011	0,162	FALSE
-0,128	0,282	-0,004	0,010	0,163	FALSE
-0,105	0,274	-0,006	0,014	0,192	FALSE
-0,045	0,287	-0,001	0,018	0,024	FALSE
-0,112	0,291	-0,006	0,014	0,190	FALSE
-0,006	0,278	0,001	0,017	0,025	FALSE
0,068	0,279	0,001	0,014	0,034	FALSE
-0,119	0,275	-0,006	0,016	0,151	FALSE
0,019	0,295	0,001	0,011	0,036	FALSE
-0,007	0,281	0,001	0,012	0,026	FALSE
-0,031	0,293	-0,001	0,012	0,027	FALSE
0,097	0,279	0,005	0,013	0,140	FALSE
-0,011	0,283	0,000	0,011	0,012	FALSE
0,027	0,283	0,001	0,010	0,057	FALSE
-0,050	0,286	-0,001	0,017	0,017	FALSE
-0,012	0,278	0,000	0,009	0,015	FALSE
0,139	0,287	0,005	0,013	0,152	FALSE
0,070	0,268	0,003	0,013	0,089	FALSE
0,086	0,287	0,003	0,010	0,127	FALSE
-0,053	0,282	-0,001	0,008	0,060	FALSE
0,170	0,276	0,007	0,013	0,240	FALSE
-0,182	0,270	-0,005	0,009	0,244	FALSE
0,043	0,283	0,003	0,012	0,080	FALSE
-0,145	0,268	-0,008	0,016	0,205	FALSE
-0,094	0,294	-0,005	0,017	0,112	FALSE
-0,088	0,286	-0,003	0,017	0,060	FALSE
0,039	0,277	0,002	0,016	0,054	FALSE
0,037	0,292	0,002	0,018	0,037	FALSE
-0,015	0,295	-0,001	0,009	0,026	FALSE

-0,051	0,274	-0,001	0,009	0,044	FALSE
0,089	0,275	0,003	0,015	0,089	FALSE
-0,242	0,276	-0,008	0,011	0,333	FALSE
0,099	0,287	0,006	0,018	0,124	FALSE
0,036	0,291	0,002	0,010	0,072	FALSE
0,105	0,283	0,006	0,017	0,138	FALSE
0,111	0,284	0,005	0,017	0,113	FALSE
0,113	0,281	0,004	0,017	0,091	FALSE
0,108	0,284	0,004	0,017	0,097	FALSE
-0,034	0,281	-0,001	0,012	0,040	FALSE
0,251	0,277	0,009	0,011	0,355	FALSE
0,009	0,279	0,000	0,012	0,009	FALSE
-0,002	0,279	0,000	0,011	0,003	FALSE
0,018	0,292	0,001	0,009	0,032	FALSE
0,037	0,260	0,001	0,009	0,058	FALSE
0,011	0,286	0,001	0,012	0,029	FALSE
-0,102	0,296	-0,006	0,017	0,132	FALSE
0,050	0,287	0,002	0,009	0,095	FALSE
0,152	0,290	0,007	0,013	0,228	FALSE
-0,043	0,289	-0,002	0,016	0,034	FALSE
-0,117	0,286	-0,003	0,012	0,114	FALSE
0,199	0,282	0,008	0,013	0,291	FALSE
-0,090	0,284	-0,001	0,010	0,037	FALSE
-0,102	0,277	-0,005	0,011	0,170	FALSE
-0,179	0,265	-0,004	0,010	0,173	FALSE
-0,117	0,293	-0,004	0,011	0,148	FALSE
0,021	0,290	0,003	0,016	0,079	FALSE
-0,162	0,284	-0,005	0,009	0,218	FALSE
-0,140	0,299	-0,004	0,010	0,160	FALSE
-0,037	0,294	0,000	0,008	0,009	FALSE
-0,103	0,275	-0,004	0,009	0,177	FALSE
-0,003	0,290	0,001	0,011	0,041	FALSE
0,119	0,282	0,003	0,011	0,113	FALSE
0,041	0,283	0,000	0,013	0,012	FALSE
-0,123	0,285	-0,009	0,017	0,210	FALSE
0,130	0,279	0,005	0,010	0,191	FALSE
0,301	0,262	0,013	0,013	0,514	FALSE
-0,105	0,282	-0,003	0,009	0,128	FALSE
-0,023	0,271	-0,001	0,012	0,027	FALSE
-0,059	0,279	-0,004	0,016	0,104	FALSE
0,058	0,258	0,002	0,012	0,069	FALSE
0,070	0,276	0,002	0,010	0,072	FALSE
-0,011	0,285	0,000	0,009	0,006	FALSE
0,104	0,291	0,007	0,017	0,171	FALSE
0,072	0,278	0,003	0,012	0,089	FALSE
0,026	0,289	0,000	0,012	0,004	FALSE
-0,116	0,284	-0,007	0,015	0,191	FALSE
0,029	0,286	0,002	0,009	0,079	FALSE
-0,172	0,290	-0,007	0,012	0,269	FALSE
0,111	0,277	0,003	0,011	0,109	FALSE
0,137	0,284	0,005	0,010	0,214	FALSE
0,025	0,295	0,004	0,018	0,079	FALSE
-0,014	0,278	-0,002	0,011	0,061	FALSE

0,201	0,286	0,006	0,010	0,278	FALSE
-0,132	0,295	-0,003	0,010	0,130	FALSE
0,071	0,280	0,003	0,016	0,078	FALSE
0,104	0,284	0,003	0,011	0,104	FALSE
-0,081	0,294	-0,006	0,018	0,126	FALSE
-0,053	0,288	0,000	0,010	0,000	FALSE
-0,074	0,277	-0,001	0,010	0,028	FALSE
0,025	0,278	0,002	0,010	0,055	FALSE
0,018	0,266	0,001	0,010	0,051	FALSE
0,173	0,272	0,008	0,016	0,216	FALSE
0,131	0,286	0,007	0,017	0,167	FALSE
0,152	0,271	0,005	0,009	0,254	FALSE
-0,033	0,294	-0,002	0,011	0,085	FALSE
0,057	0,286	0,001	0,017	0,016	FALSE
0,044	0,276	0,002	0,017	0,036	FALSE
0,062	0,275	0,002	0,017	0,049	FALSE
0,031	0,283	0,001	0,012	0,043	FALSE
0,060	0,288	0,003	0,011	0,094	FALSE
0,081	0,284	0,003	0,010	0,117	FALSE
-0,013	0,293	-0,001	0,013	0,025	FALSE
-0,057	0,263	0,000	0,016	0,000	FALSE
0,021	0,268	0,002	0,017	0,034	FALSE
-0,073	0,295	-0,004	0,017	0,087	FALSE
-0,063	0,290	-0,003	0,013	0,093	FALSE
-0,059	0,281	-0,001	0,009	0,059	FALSE
-0,012	0,280	-0,001	0,011	0,035	FALSE
0,138	0,279	0,005	0,012	0,178	FALSE
0,018	0,288	0,001	0,009	0,023	FALSE
-0,031	0,287	-0,001	0,011	0,027	FALSE
-0,004	0,293	-0,001	0,010	0,026	FALSE
-0,007	0,289	0,000	0,012	0,012	FALSE
0,050	0,289	0,003	0,013	0,073	FALSE
-0,146	0,279	-0,006	0,015	0,165	FALSE
-0,227	0,282	-0,008	0,010	0,357	FALSE
0,117	0,268	0,003	0,011	0,103	FALSE
-0,151	0,273	-0,008	0,015	0,211	FALSE
0,070	0,280	0,004	0,015	0,092	FALSE
0,045	0,271	0,001	0,010	0,030	FALSE
0,107	0,279	0,005	0,016	0,136	FALSE
-0,030	0,287	-0,001	0,009	0,044	FALSE
-0,122	0,279	-0,003	0,009	0,153	FALSE
-0,021	0,301	0,000	0,009	0,002	FALSE
-0,004	0,281	0,000	0,016	0,002	FALSE
0,105	0,291	0,006	0,016	0,143	FALSE
0,106	0,285	0,006	0,016	0,144	FALSE
0,094	0,281	0,004	0,016	0,100	FALSE
-0,149	0,271	-0,006	0,013	0,210	FALSE
0,218	0,251	0,010	0,013	0,355	FALSE
-0,029	0,281	0,000	0,009	0,011	FALSE
0,063	0,267	0,002	0,009	0,092	FALSE
0,105	0,268	0,007	0,017	0,162	FALSE
0,212	0,278	0,007	0,010	0,341	FALSE
0,274	0,273	0,013	0,014	0,449	FALSE

-0,183	0,283	-0,005	0,011	0,200	FALSE
-0,116	0,274	-0,005	0,013	0,158	FALSE
-0,052	0,288	-0,005	0,017	0,120	FALSE
0,065	0,288	0,004	0,011	0,129	FALSE
0,099	0,264	0,003	0,010	0,142	FALSE
-0,066	0,298	-0,004	0,018	0,077	FALSE
0,105	0,278	0,003	0,015	0,084	FALSE
-0,089	0,279	-0,003	0,012	0,109	FALSE
0,220	0,262	0,007	0,010	0,295	FALSE
0,026	0,274	0,002	0,011	0,088	FALSE
0,118	0,284	0,006	0,016	0,164	FALSE
0,168	0,272	0,008	0,016	0,191	FALSE
0,012	0,280	0,005	0,015	0,126	FALSE
0,028	0,280	0,002	0,010	0,077	FALSE
-0,018	0,285	0,000	0,017	0,004	FALSE
-0,104	0,287	-0,003	0,009	0,121	FALSE
-0,110	0,284	-0,003	0,009	0,133	FALSE
-0,085	0,276	-0,003	0,010	0,113	FALSE
0,076	0,289	0,003	0,015	0,063	FALSE
-0,023	0,278	-0,001	0,014	0,029	FALSE
-0,184	0,274	-0,011	0,017	0,293	FALSE
0,036	0,295	0,002	0,013	0,066	FALSE
0,064	0,274	0,002	0,012	0,063	FALSE
0,115	0,275	0,005	0,015	0,148	FALSE
-0,112	0,279	-0,003	0,011	0,115	FALSE
-0,117	0,282	-0,003	0,011	0,123	FALSE
-0,102	0,284	-0,003	0,011	0,101	FALSE
-0,106	0,272	-0,003	0,010	0,102	FALSE
-0,085	0,294	-0,002	0,011	0,066	FALSE
-0,095	0,275	-0,005	0,017	0,106	FALSE
0,211	0,256	0,012	0,018	0,299	FALSE
-0,076	0,293	-0,003	0,013	0,094	FALSE
0,005	0,288	0,003	0,015	0,072	FALSE
-0,176	0,281	-0,008	0,015	0,226	FALSE
0,045	0,286	0,001	0,009	0,036	FALSE
0,155	0,289	0,005	0,009	0,202	FALSE
0,044	0,271	0,001	0,009	0,049	FALSE
0,004	0,279	-0,002	0,009	0,059	FALSE
-0,153	0,282	-0,005	0,015	0,122	FALSE
-0,043	0,285	0,000	0,012	0,003	FALSE
-0,048	0,280	-0,002	0,008	0,076	FALSE
0,005	0,289	0,001	0,009	0,050	FALSE
0,136	0,267	0,008	0,017	0,188	FALSE
-0,112	0,284	-0,004	0,011	0,144	FALSE
-0,005	0,278	-0,001	0,011	0,023	FALSE
0,022	0,271	0,002	0,016	0,040	FALSE
0,219	0,261	0,012	0,016	0,350	FALSE
-0,023	0,266	-0,002	0,016	0,047	FALSE
-0,034	0,287	-0,001	0,010	0,028	FALSE
-0,003	0,291	-0,002	0,011	0,054	FALSE
0,225	0,286	0,007	0,011	0,294	FALSE
-0,103	0,293	-0,004	0,009	0,160	FALSE
-0,064	0,279	-0,006	0,014	0,168	FALSE

0,149	0,289	0,008	0,016	0,222	FALSE
0,062	0,271	0,006	0,015	0,144	FALSE
-0,012	0,292	0,001	0,011	0,049	FALSE
-0,089	0,290	-0,004	0,011	0,157	FALSE
0,022	0,293	0,002	0,010	0,071	FALSE
-0,072	0,296	-0,001	0,011	0,033	FALSE
0,083	0,273	0,003	0,009	0,124	FALSE
-0,109	0,282	-0,006	0,016	0,150	FALSE
0,123	0,282	0,003	0,009	0,133	FALSE
0,017	0,277	-0,001	0,011	0,022	FALSE
-0,012	0,268	0,000	0,009	0,011	FALSE
-0,150	0,271	-0,004	0,009	0,176	FALSE
-0,149	0,280	-0,004	0,010	0,159	FALSE
0,213	0,295	0,008	0,012	0,293	FALSE
0,178	0,287	0,007	0,014	0,201	FALSE
0,192	0,278	0,007	0,014	0,224	FALSE
0,085	0,267	0,003	0,015	0,080	FALSE
0,107	0,288	0,003	0,013	0,091	FALSE
0,071	0,293	0,003	0,010	0,117	FALSE
0,050	0,284	0,002	0,010	0,059	FALSE
0,175	0,279	0,007	0,012	0,242	FALSE
-0,229	0,267	-0,012	0,016	0,328	FALSE
-0,157	0,287	-0,007	0,015	0,193	FALSE
-0,023	0,271	-0,002	0,009	0,069	FALSE
-0,042	0,292	-0,002	0,010	0,087	FALSE
0,170	0,288	0,005	0,009	0,231	FALSE
0,225	0,266	0,015	0,017	0,408	FALSE
0,046	0,283	0,002	0,009	0,088	FALSE
0,159	0,279	0,006	0,011	0,241	FALSE
0,171	0,283	0,008	0,014	0,250	FALSE
0,100	0,281	0,002	0,010	0,058	FALSE
0,025	0,258	0,006	0,015	0,164	FALSE
0,045	0,271	0,003	0,016	0,073	FALSE
0,082	0,292	0,003	0,013	0,079	FALSE
-0,114	0,273	-0,005	0,013	0,157	FALSE
0,075	0,284	0,004	0,011	0,145	FALSE
0,025	0,274	0,004	0,016	0,082	FALSE
-0,045	0,296	-0,001	0,012	0,035	FALSE
-0,047	0,290	-0,002	0,015	0,058	FALSE
0,156	0,284	0,008	0,013	0,258	FALSE
0,190	0,283	0,007	0,010	0,317	FALSE
-0,130	0,280	-0,003	0,010	0,131	FALSE
0,055	0,278	0,000	0,009	0,017	FALSE
-0,040	0,286	-0,004	0,018	0,084	FALSE
0,203	0,265	0,004	0,009	0,184	FALSE
0,171	0,267	0,005	0,018	0,101	FALSE
0,102	0,263	0,002	0,012	0,060	FALSE
-0,067	0,288	-0,003	0,010	0,126	FALSE
-0,033	0,287	-0,002	0,010	0,070	FALSE
-0,063	0,286	0,000	0,013	0,009	FALSE
0,042	0,283	0,001	0,017	0,011	FALSE
-0,057	0,293	-0,001	0,013	0,018	FALSE
-0,075	0,284	-0,001	0,012	0,027	FALSE

-0,122	0,271	-0,004	0,016	0,106	FALSE
-0,168	0,284	-0,007	0,014	0,228	FALSE
0,019	0,270	0,001	0,011	0,045	FALSE
0,032	0,281	0,002	0,015	0,046	FALSE
-0,042	0,281	-0,004	0,015	0,088	FALSE
0,203	0,274	0,014	0,018	0,360	FALSE
-0,123	0,288	-0,003	0,010	0,115	FALSE
0,179	0,289	0,009	0,016	0,240	FALSE
0,178	0,281	0,012	0,016	0,348	FALSE
0,113	0,284	0,005	0,011	0,208	FALSE
0,166	0,276	0,006	0,010	0,276	FALSE
0,105	0,279	0,006	0,012	0,228	FALSE
-0,004	0,280	-0,002	0,009	0,093	FALSE
-0,027	0,298	0,000	0,010	0,002	FALSE
0,148	0,284	0,006	0,013	0,204	FALSE
-0,137	0,292	-0,005	0,010	0,193	FALSE
0,116	0,283	0,003	0,010	0,129	FALSE
-0,053	0,278	-0,002	0,011	0,073	FALSE
-0,074	0,289	-0,001	0,012	0,036	FALSE
0,118	0,271	0,007	0,016	0,174	FALSE
-0,037	0,282	-0,002	0,012	0,063	FALSE
0,107	0,282	0,004	0,009	0,167	FALSE
0,079	0,290	0,004	0,011	0,136	FALSE
-0,017	0,284	0,001	0,011	0,032	FALSE
0,102	0,283	0,002	0,012	0,081	FALSE
0,127	0,270	0,004	0,011	0,132	FALSE
0,139	0,288	0,004	0,011	0,132	FALSE
0,131	0,275	0,004	0,011	0,141	FALSE
-0,088	0,283	-0,003	0,011	0,118	FALSE
-0,125	0,284	-0,003	0,010	0,134	FALSE
-0,012	0,297	0,001	0,011	0,028	FALSE
0,015	0,281	0,001	0,013	0,039	FALSE
0,094	0,292	0,003	0,014	0,083	FALSE
0,031	0,286	0,003	0,011	0,102	FALSE
0,023	0,279	0,001	0,016	0,019	FALSE
-0,057	0,292	-0,002	0,018	0,046	FALSE
0,156	0,283	0,007	0,015	0,193	FALSE
-0,032	0,281	-0,003	0,015	0,077	FALSE
0,041	0,277	0,001	0,012	0,030	FALSE
-0,172	0,279	-0,005	0,009	0,200	FALSE
0,182	0,281	0,009	0,016	0,254	FALSE
0,135	0,268	0,003	0,011	0,105	FALSE
0,030	0,276	0,002	0,009	0,071	FALSE
-0,137	0,286	-0,005	0,012	0,146	FALSE
0,213	0,277	0,010	0,016	0,266	FALSE
0,193	0,273	0,008	0,016	0,221	FALSE
0,236	0,262	0,010	0,014	0,324	FALSE
0,198	0,271	0,009	0,015	0,253	FALSE
0,072	0,290	0,005	0,011	0,191	FALSE
0,067	0,283	0,006	0,011	0,211	FALSE
-0,008	0,285	0,000	0,010	0,003	FALSE
0,023	0,294	0,001	0,014	0,024	FALSE
0,138	0,273	0,005	0,012	0,181	FALSE

0,046	0,291	0,002	0,015	0,040	FALSE
0,119	0,261	0,004	0,010	0,132	FALSE
0,061	0,298	0,002	0,014	0,063	FALSE
-0,129	0,288	-0,004	0,011	0,129	FALSE
0,212	0,282	0,010	0,016	0,282	FALSE
-0,091	0,283	-0,005	0,014	0,141	FALSE
0,252	0,262	0,014	0,016	0,434	FALSE
0,064	0,283	0,004	0,012	0,123	FALSE
-0,072	0,289	-0,004	0,015	0,102	FALSE
0,059	0,278	0,002	0,016	0,052	FALSE
0,143	0,263	0,005	0,010	0,178	FALSE
-0,022	0,289	-0,001	0,016	0,030	FALSE
0,035	0,280	0,001	0,016	0,030	FALSE
-0,046	0,284	-0,001	0,013	0,022	FALSE
-0,189	0,266	-0,005	0,009	0,238	FALSE
-0,002	0,272	-0,001	0,009	0,041	FALSE
0,010	0,287	0,000	0,017	0,006	FALSE
0,030	0,286	0,002	0,017	0,035	FALSE
-0,115	0,280	-0,003	0,010	0,139	FALSE
-0,084	0,303	-0,002	0,011	0,054	FALSE
-0,028	0,295	-0,004	0,018	0,081	FALSE
0,051	0,279	0,000	0,017	0,010	FALSE
0,028	0,289	0,001	0,016	0,028	FALSE
0,043	0,293	0,003	0,016	0,059	FALSE
0,135	0,283	0,003	0,009	0,149	FALSE
-0,059	0,284	-0,002	0,017	0,046	FALSE
-0,051	0,287	-0,002	0,009	0,077	FALSE
-0,164	0,280	-0,006	0,011	0,256	FALSE
0,102	0,284	0,004	0,017	0,087	FALSE
-0,170	0,283	-0,010	0,017	0,268	FALSE
-0,119	0,274	-0,005	0,012	0,176	FALSE
0,008	0,282	-0,001	0,016	0,018	FALSE
0,193	0,271	0,008	0,012	0,303	FALSE
0,096	0,283	0,005	0,017	0,113	FALSE
-0,128	0,291	-0,005	0,013	0,142	FALSE
0,007	0,293	0,002	0,009	0,059	FALSE
0,082	0,262	0,001	0,016	0,014	FALSE
-0,036	0,283	-0,002	0,009	0,103	FALSE
-0,022	0,282	-0,002	0,012	0,061	FALSE
0,138	0,284	0,006	0,012	0,189	FALSE
0,012	0,283	-0,001	0,011	0,023	FALSE
0,006	0,282	0,004	0,018	0,088	FALSE
-0,081	0,276	-0,001	0,015	0,031	FALSE
0,069	0,291	0,002	0,010	0,058	FALSE
-0,037	0,298	0,000	0,011	0,014	FALSE
-0,079	0,290	-0,005	0,016	0,115	FALSE
-0,044	0,294	-0,001	0,011	0,030	FALSE
-0,007	0,281	-0,002	0,017	0,039	FALSE
0,001	0,288	0,001	0,014	0,018	FALSE
0,161	0,294	0,008	0,013	0,261	FALSE
-0,167	0,284	-0,007	0,015	0,186	FALSE
0,019	0,276	0,002	0,012	0,053	FALSE
-0,198	0,276	-0,006	0,010	0,259	FALSE

0,216	0,267	0,008	0,009	0,377	FALSE
0,141	0,279	0,005	0,010	0,234	FALSE
0,103	0,302	0,004	0,010	0,170	FALSE
-0,060	0,295	-0,001	0,010	0,045	FALSE
-0,026	0,285	-0,003	0,013	0,085	FALSE
-0,110	0,280	-0,005	0,010	0,190	FALSE
-0,057	0,277	-0,002	0,013	0,044	FALSE
-0,009	0,285	-0,002	0,012	0,054	FALSE
-0,159	0,292	-0,007	0,017	0,172	FALSE
0,189	0,276	0,011	0,016	0,283	FALSE
-0,038	0,283	-0,002	0,013	0,043	FALSE
0,045	0,276	0,002	0,010	0,064	FALSE
0,153	0,278	0,006	0,014	0,174	FALSE
0,058	0,268	0,003	0,013	0,089	FALSE
-0,003	0,294	0,001	0,016	0,031	FALSE
0,031	0,279	0,001	0,010	0,019	FALSE
0,070	0,280	0,003	0,010	0,114	FALSE
0,025	0,281	0,000	0,012	0,002	FALSE
0,082	0,285	0,001	0,009	0,053	FALSE
0,089	0,287	0,001	0,008	0,064	FALSE
0,050	0,289	0,001	0,012	0,038	FALSE
-0,045	0,291	-0,002	0,016	0,037	FALSE
0,184	0,274	0,007	0,010	0,302	FALSE
0,023	0,271	0,000	0,009	0,018	FALSE
0,033	0,292	0,001	0,013	0,016	FALSE
0,077	0,267	0,001	0,011	0,043	FALSE
0,067	0,272	0,001	0,011	0,034	FALSE
-0,039	0,286	-0,001	0,009	0,030	FALSE
0,111	0,285	0,006	0,016	0,132	FALSE
-0,128	0,269	-0,008	0,016	0,224	FALSE
-0,087	0,277	-0,005	0,017	0,113	FALSE
-0,115	0,292	-0,008	0,017	0,195	FALSE
0,306	0,262	0,011	0,011	0,502	FALSE
0,006	0,279	-0,002	0,017	0,050	FALSE
-0,049	0,292	-0,001	0,009	0,045	FALSE
0,165	0,266	0,005	0,012	0,171	FALSE
-0,006	0,290	-0,002	0,014	0,046	FALSE
0,195	0,275	0,007	0,011	0,287	FALSE
0,122	0,279	0,007	0,015	0,217	FALSE
0,171	0,270	0,005	0,009	0,245	FALSE
0,151	0,268	0,011	0,016	0,304	FALSE
-0,006	0,277	0,000	0,008	0,015	FALSE
-0,025	0,284	-0,002	0,011	0,078	FALSE
-0,082	0,285	-0,005	0,016	0,111	FALSE
-0,001	0,277	0,001	0,011	0,041	FALSE
-0,062	0,274	-0,002	0,010	0,091	FALSE
-0,011	0,287	0,001	0,012	0,030	FALSE
0,133	0,263	0,004	0,010	0,155	FALSE
-0,043	0,286	-0,002	0,013	0,064	FALSE
0,091	0,277	0,003	0,011	0,110	FALSE
0,034	0,279	0,002	0,010	0,074	FALSE
0,066	0,306	0,003	0,012	0,110	FALSE
0,009	0,288	0,000	0,015	0,007	FALSE

0,082	0,282	0,002	0,009	0,089	FALSE
-0,029	0,286	-0,002	0,014	0,067	FALSE
-0,037	0,292	-0,001	0,017	0,026	FALSE
0,018	0,284	0,000	0,009	0,004	FALSE
0,205	0,284	0,007	0,010	0,294	FALSE
0,199	0,266	0,006	0,011	0,229	FALSE
0,074	0,288	0,002	0,008	0,115	FALSE
0,048	0,282	0,002	0,014	0,041	FALSE
-0,222	0,278	-0,007	0,010	0,322	FALSE
0,030	0,290	0,000	0,010	0,018	FALSE
0,024	0,306	0,001	0,009	0,047	FALSE
0,180	0,262	0,007	0,011	0,291	FALSE
-0,040	0,286	0,000	0,010	0,012	FALSE
0,137	0,279	0,006	0,016	0,138	FALSE
0,151	0,291	0,007	0,017	0,162	FALSE
-0,095	0,270	-0,005	0,010	0,220	FALSE
-0,023	0,281	0,000	0,009	0,001	FALSE
0,101	0,290	0,004	0,017	0,099	FALSE
0,253	0,276	0,009	0,010	0,395	FALSE
-0,010	0,292	0,002	0,010	0,061	FALSE
-0,001	0,298	0,002	0,011	0,055	FALSE
-0,027	0,283	-0,003	0,016	0,084	FALSE
0,155	0,275	0,005	0,011	0,213	FALSE
0,182	0,269	0,010	0,016	0,282	FALSE
0,167	0,272	0,009	0,018	0,221	FALSE
-0,027	0,279	-0,001	0,011	0,036	FALSE
0,137	0,268	0,008	0,017	0,196	FALSE
0,049	0,294	0,001	0,018	0,025	FALSE
-0,054	0,305	-0,002	0,014	0,041	FALSE
-0,156	0,283	-0,008	0,017	0,204	FALSE
0,005	0,283	0,000	0,014	0,006	FALSE
-0,011	0,287	0,001	0,010	0,037	FALSE
-0,026	0,278	0,000	0,013	0,013	FALSE
-0,116	0,282	-0,007	0,013	0,208	FALSE
-0,038	0,292	-0,001	0,013	0,018	FALSE
-0,156	0,275	-0,007	0,012	0,262	FALSE
-0,042	0,295	0,000	0,013	0,010	FALSE
0,037	0,282	0,001	0,013	0,036	FALSE
0,033	0,261	0,004	0,012	0,123	FALSE
0,118	0,268	0,004	0,011	0,141	FALSE
0,090	0,275	0,004	0,010	0,135	FALSE
0,018	0,289	0,002	0,013	0,056	FALSE
-0,113	0,281	-0,005	0,017	0,128	FALSE
0,117	0,277	0,006	0,016	0,146	FALSE
0,104	0,288	0,005	0,012	0,178	FALSE
-0,117	0,295	-0,009	0,017	0,221	FALSE
-0,067	0,270	-0,004	0,015	0,111	FALSE
0,016	0,289	0,000	0,010	0,007	FALSE
-0,017	0,295	-0,002	0,010	0,091	FALSE
-0,111	0,289	-0,006	0,016	0,135	FALSE
-0,091	0,288	-0,002	0,011	0,073	FALSE
0,231	0,284	0,007	0,010	0,341	FALSE
0,013	0,281	0,000	0,016	0,005	FALSE

0,123	0,268	0,006	0,013	0,198	FALSE
-0,064	0,280	-0,002	0,016	0,039	FALSE
-0,039	0,296	-0,002	0,017	0,033	FALSE
0,013	0,297	0,000	0,009	0,012	FALSE
-0,150	0,279	-0,006	0,011	0,252	FALSE
0,047	0,279	0,001	0,010	0,018	FALSE
-0,115	0,278	-0,004	0,016	0,083	FALSE
-0,114	0,293	-0,003	0,013	0,098	FALSE
0,120	0,296	0,005	0,015	0,146	FALSE
0,049	0,284	0,002	0,009	0,104	FALSE
0,059	0,275	0,002	0,009	0,085	FALSE
-0,111	0,293	-0,003	0,009	0,128	FALSE
0,042	0,291	0,001	0,013	0,024	FALSE
0,026	0,300	0,000	0,013	0,001	FALSE
-0,086	0,300	-0,004	0,016	0,084	FALSE
-0,090	0,269	-0,004	0,015	0,119	FALSE
-0,039	0,291	-0,002	0,012	0,059	FALSE
-0,006	0,307	0,001	0,009	0,051	FALSE
-0,203	0,295	-0,009	0,014	0,282	FALSE
0,042	0,294	0,002	0,012	0,048	FALSE
-0,122	0,286	-0,005	0,012	0,174	FALSE
-0,178	0,279	-0,005	0,010	0,220	FALSE
-0,134	0,273	-0,005	0,011	0,185	FALSE
-0,026	0,262	-0,004	0,016	0,096	FALSE
-0,005	0,292	0,000	0,016	0,008	FALSE
0,051	0,278	0,001	0,009	0,041	FALSE
0,002	0,282	0,000	0,009	0,003	FALSE
0,173	0,277	0,007	0,011	0,265	FALSE
-0,096	0,293	-0,004	0,014	0,109	FALSE
-0,004	0,289	-0,003	0,017	0,062	FALSE
0,111	0,270	0,004	0,011	0,129	FALSE
0,053	0,295	0,003	0,013	0,074	FALSE
0,021	0,280	0,001	0,014	0,020	FALSE
0,093	0,282	0,005	0,017	0,117	FALSE
0,114	0,274	0,006	0,017	0,153	FALSE
0,066	0,292	0,004	0,018	0,076	FALSE
0,004	0,280	0,002	0,009	0,064	FALSE
0,199	0,273	0,007	0,012	0,262	FALSE
0,018	0,276	-0,002	0,017	0,040	FALSE
0,092	0,280	0,003	0,012	0,090	FALSE
-0,154	0,277	-0,004	0,009	0,211	FALSE
-0,147	0,284	-0,004	0,009	0,194	FALSE
-0,034	0,282	-0,002	0,009	0,083	FALSE
0,039	0,279	0,001	0,013	0,027	FALSE
0,072	0,273	0,002	0,011	0,082	FALSE
-0,095	0,275	-0,004	0,009	0,172	FALSE
0,017	0,293	-0,002	0,017	0,043	FALSE
0,023	0,292	0,000	0,018	0,004	FALSE
0,021	0,293	0,004	0,013	0,122	FALSE
-0,071	0,277	-0,003	0,009	0,105	FALSE
0,116	0,277	0,005	0,011	0,160	FALSE
-0,171	0,285	-0,009	0,017	0,237	FALSE
-0,009	0,280	0,001	0,014	0,020	FALSE

0,133	0,283	0,005	0,010	0,192	FALSE
0,087	0,298	0,006	0,014	0,171	FALSE
-0,018	0,293	-0,001	0,013	0,031	FALSE
0,055	0,281	0,003	0,016	0,062	FALSE
-0,006	0,271	-0,001	0,012	0,042	FALSE
0,107	0,278	0,006	0,015	0,173	FALSE
0,047	0,286	0,002	0,017	0,052	FALSE
0,092	0,287	0,006	0,016	0,147	FALSE
0,125	0,295	0,003	0,010	0,114	FALSE
-0,036	0,278	-0,001	0,015	0,015	FALSE
-0,148	0,285	-0,005	0,011	0,174	FALSE
-0,001	0,282	0,000	0,014	0,010	FALSE
0,155	0,278	0,004	0,009	0,158	FALSE
-0,061	0,275	-0,004	0,014	0,121	FALSE
-0,107	0,275	-0,009	0,017	0,231	FALSE
0,158	0,289	0,011	0,017	0,281	FALSE
-0,047	0,287	-0,005	0,018	0,117	FALSE
0,014	0,286	0,001	0,010	0,037	FALSE
0,079	0,291	0,003	0,013	0,086	FALSE
0,078	0,289	0,003	0,013	0,095	FALSE
0,072	0,287	0,003	0,013	0,086	FALSE
0,061	0,293	0,002	0,010	0,068	FALSE
0,034	0,275	0,003	0,017	0,060	FALSE
-0,059	0,276	-0,001	0,011	0,049	FALSE
0,046	0,280	0,001	0,010	0,050	FALSE
-0,035	0,280	-0,003	0,016	0,078	FALSE
0,011	0,300	0,001	0,014	0,030	FALSE
-0,027	0,275	-0,003	0,017	0,068	FALSE
0,039	0,290	0,001	0,011	0,037	FALSE
0,111	0,287	0,004	0,009	0,158	FALSE
0,014	0,273	0,001	0,011	0,028	FALSE
-0,143	0,283	-0,004	0,012	0,137	FALSE
-0,035	0,291	-0,001	0,013	0,033	FALSE
0,030	0,278	0,000	0,016	0,003	FALSE
0,042	0,281	0,001	0,011	0,051	FALSE
0,093	0,303	0,005	0,012	0,175	FALSE
-0,041	0,293	-0,001	0,009	0,044	FALSE
-0,160	0,278	-0,005	0,008	0,241	FALSE
0,150	0,277	0,004	0,010	0,163	FALSE
0,002	0,282	0,000	0,009	0,005	FALSE
0,065	0,276	0,001	0,009	0,055	FALSE
-0,015	0,285	-0,001	0,009	0,036	FALSE
0,008	0,288	0,001	0,013	0,030	FALSE
-0,052	0,294	-0,002	0,017	0,034	FALSE
-0,010	0,286	0,001	0,017	0,011	FALSE
-0,131	0,282	-0,004	0,009	0,200	FALSE
-0,162	0,277	-0,006	0,010	0,254	FALSE
0,109	0,277	0,007	0,015	0,186	FALSE
0,078	0,293	0,002	0,010	0,057	FALSE
-0,080	0,296	-0,004	0,017	0,092	FALSE
0,018	0,281	0,000	0,008	0,014	FALSE
0,069	0,273	0,001	0,014	0,024	FALSE
-0,098	0,272	-0,005	0,016	0,120	FALSE

0,124	0,296	0,004	0,013	0,128	FALSE
0,173	0,274	0,005	0,010	0,230	FALSE
-0,050	0,292	-0,002	0,010	0,081	FALSE
-0,025	0,290	-0,001	0,013	0,030	FALSE
0,076	0,293	0,003	0,010	0,115	FALSE
0,045	0,289	0,004	0,013	0,113	FALSE
-0,124	0,288	-0,007	0,015	0,191	FALSE
-0,139	0,280	-0,003	0,008	0,161	FALSE
0,139	0,269	0,004	0,009	0,201	FALSE
0,028	0,272	0,004	0,015	0,099	FALSE
-0,005	0,283	-0,002	0,009	0,072	FALSE
0,013	0,290	0,000	0,017	0,007	FALSE
0,026	0,283	0,001	0,015	0,018	FALSE
0,032	0,289	0,001	0,014	0,029	FALSE
-0,012	0,275	0,001	0,016	0,011	FALSE
-0,022	0,274	-0,005	0,017	0,115	FALSE
-0,028	0,271	-0,002	0,012	0,071	FALSE
-0,147	0,281	-0,004	0,010	0,162	FALSE
-0,196	0,269	-0,007	0,012	0,237	FALSE
-0,063	0,293	-0,003	0,017	0,074	FALSE
-0,105	0,280	-0,005	0,011	0,176	FALSE
0,102	0,274	0,003	0,009	0,143	FALSE
-0,030	0,273	-0,001	0,009	0,020	FALSE
-0,035	0,286	-0,004	0,014	0,113	FALSE
-0,158	0,284	-0,005	0,010	0,203	FALSE
-0,157	0,275	-0,011	0,018	0,279	FALSE
-0,270	0,284	-0,011	0,014	0,366	FALSE
-0,185	0,264	-0,007	0,015	0,208	FALSE
-0,208	0,291	-0,010	0,016	0,255	FALSE
0,022	0,283	0,003	0,015	0,074	FALSE
0,043	0,286	0,002	0,013	0,046	FALSE
0,042	0,291	0,001	0,009	0,046	FALSE
-0,218	0,278	-0,006	0,009	0,344	FALSE
0,123	0,271	0,007	0,016	0,172	FALSE
0,098	0,288	0,007	0,017	0,152	FALSE
-0,036	0,284	-0,004	0,017	0,091	FALSE
0,056	0,265	0,005	0,013	0,149	FALSE
-0,013	0,276	0,001	0,015	0,025	FALSE
-0,091	0,283	-0,002	0,014	0,042	FALSE
0,063	0,303	0,002	0,013	0,071	FALSE
0,102	0,283	0,005	0,015	0,118	FALSE
0,177	0,277	0,013	0,018	0,328	FALSE
0,060	0,289	0,002	0,012	0,075	FALSE
0,070	0,283	0,003	0,012	0,088	FALSE
0,163	0,273	0,011	0,016	0,311	FALSE
0,084	0,266	-0,001	0,017	0,026	FALSE
-0,174	0,285	-0,003	0,011	0,131	FALSE
-0,184	0,283	-0,007	0,018	0,164	FALSE
0,114	0,270	0,000	0,017	0,008	FALSE
0,103	0,284	0,005	0,011	0,194	FALSE
0,050	0,305	0,002	0,014	0,064	FALSE
0,073	0,297	0,002	0,010	0,064	FALSE
0,027	0,302	0,002	0,012	0,056	FALSE

0,138	0,277	0,006	0,017	0,144	FALSE
-0,043	0,303	-0,001	0,013	0,041	FALSE
-0,022	0,284	-0,001	0,016	0,019	FALSE
0,007	0,282	-0,002	0,016	0,036	FALSE
0,101	0,285	0,005	0,016	0,131	FALSE
-0,130	0,298	-0,004	0,016	0,109	FALSE
-0,021	0,294	-0,004	0,016	0,088	FALSE
-0,028	0,292	0,001	0,012	0,020	FALSE
-0,053	0,277	-0,001	0,017	0,029	FALSE
0,010	0,279	0,000	0,010	0,006	FALSE
0,062	0,293	0,003	0,010	0,095	FALSE
0,203	0,266	0,008	0,012	0,294	FALSE
-0,020	0,292	-0,001	0,009	0,036	FALSE
0,255	0,267	0,011	0,012	0,438	FALSE
0,108	0,277	0,008	0,014	0,223	FALSE
-0,046	0,303	-0,001	0,014	0,036	FALSE
-0,079	0,280	-0,003	0,008	0,147	FALSE
-0,025	0,293	0,000	0,016	0,003	FALSE
0,108	0,279	0,010	0,018	0,243	FALSE
-0,129	0,275	-0,006	0,015	0,152	FALSE
0,143	0,285	0,004	0,010	0,167	FALSE
-0,110	0,271	-0,008	0,016	0,208	FALSE
0,001	0,280	0,000	0,014	0,009	FALSE
0,037	0,287	0,002	0,013	0,065	FALSE
-0,271	0,270	-0,019	0,017	0,538	FALSE
0,161	0,267	0,003	0,010	0,127	FALSE
0,145	0,280	0,003	0,010	0,101	FALSE
0,074	0,275	0,002	0,010	0,078	FALSE
0,096	0,284	0,006	0,015	0,162	FALSE
0,066	0,287	0,001	0,017	0,027	FALSE
0,030	0,307	-0,001	0,017	0,014	FALSE
-0,204	0,281	-0,008	0,013	0,298	FALSE
-0,014	0,274	-0,002	0,017	0,041	FALSE
0,001	0,283	-0,001	0,013	0,019	FALSE
0,025	0,290	0,000	0,013	0,013	FALSE
-0,055	0,296	-0,002	0,012	0,049	FALSE
-0,057	0,275	-0,002	0,012	0,075	FALSE
0,008	0,274	0,000	0,010	0,015	FALSE
-0,136	0,278	-0,009	0,018	0,209	FALSE
0,200	0,287	0,013	0,017	0,338	FALSE
0,036	0,279	0,003	0,013	0,082	FALSE
0,184	0,273	0,013	0,017	0,354	FALSE
0,141	0,278	0,011	0,017	0,282	FALSE
0,074	0,299	0,003	0,014	0,096	FALSE
-0,117	0,280	-0,004	0,010	0,164	FALSE
0,002	0,296	0,000	0,010	0,008	FALSE
-0,087	0,298	-0,007	0,015	0,180	FALSE
0,194	0,260	0,005	0,009	0,238	FALSE
-0,044	0,281	-0,002	0,011	0,078	FALSE
-0,181	0,289	-0,005	0,010	0,210	FALSE
0,115	0,276	0,006	0,018	0,133	FALSE
-0,092	0,291	-0,003	0,011	0,124	FALSE
-0,157	0,274	-0,007	0,012	0,265	FALSE

-0,027	0,273	-0,004	0,016	0,106	FALSE
-0,032	0,286	-0,002	0,012	0,048	FALSE
-0,099	0,285	-0,002	0,009	0,098	FALSE
0,039	0,289	0,003	0,009	0,115	FALSE
0,064	0,284	0,001	0,011	0,024	FALSE
0,083	0,277	0,002	0,008	0,098	FALSE
-0,096	0,289	-0,003	0,011	0,097	FALSE
0,044	0,287	0,005	0,012	0,150	FALSE
0,001	0,291	-0,001	0,009	0,026	FALSE
0,021	0,287	0,000	0,009	0,014	FALSE
-0,064	0,285	-0,003	0,011	0,086	FALSE
0,090	0,280	0,003	0,009	0,124	FALSE
0,021	0,273	0,001	0,010	0,041	FALSE
0,005	0,286	0,000	0,011	0,012	FALSE
0,170	0,271	0,012	0,016	0,336	FALSE
0,132	0,275	0,008	0,013	0,244	FALSE
-0,080	0,281	-0,005	0,012	0,151	FALSE
-0,085	0,268	-0,003	0,014	0,085	FALSE
0,131	0,290	0,004	0,010	0,186	FALSE
0,028	0,298	0,000	0,016	0,009	FALSE
-0,023	0,299	0,000	0,011	0,003	FALSE
-0,028	0,282	-0,001	0,011	0,040	FALSE
-0,024	0,287	-0,001	0,016	0,018	FALSE
0,057	0,287	0,003	0,009	0,127	FALSE
0,027	0,297	0,002	0,012	0,049	FALSE
0,085	0,277	0,003	0,010	0,121	FALSE
0,095	0,280	0,003	0,009	0,131	FALSE
0,049	0,289	0,001	0,017	0,028	FALSE
0,104	0,289	0,006	0,018	0,143	FALSE
-0,100	0,269	-0,007	0,016	0,179	FALSE
-0,175	0,287	-0,005	0,008	0,237	FALSE
-0,017	0,285	0,001	0,014	0,013	FALSE
-0,038	0,280	-0,001	0,010	0,047	FALSE
-0,044	0,280	0,000	0,009	0,008	FALSE
-0,036	0,273	-0,002	0,009	0,074	FALSE
-0,112	0,288	-0,005	0,018	0,097	FALSE
0,007	0,283	-0,002	0,015	0,038	FALSE
0,008	0,302	0,000	0,010	0,015	FALSE
0,074	0,266	0,002	0,009	0,090	FALSE
-0,067	0,272	-0,001	0,013	0,021	FALSE
0,142	0,285	0,004	0,010	0,158	FALSE
0,053	0,278	0,001	0,013	0,019	FALSE
-0,012	0,281	0,001	0,009	0,045	FALSE
0,047	0,286	0,002	0,008	0,089	FALSE
0,029	0,286	0,003	0,014	0,078	FALSE
0,006	0,276	0,001	0,015	0,015	FALSE
0,055	0,301	0,003	0,017	0,057	FALSE
-0,256	0,260	-0,015	0,017	0,411	FALSE
0,097	0,289	0,003	0,011	0,103	FALSE
-0,111	0,285	-0,002	0,008	0,103	FALSE
-0,102	0,289	-0,004	0,011	0,128	FALSE
0,016	0,282	0,002	0,011	0,080	FALSE
-0,061	0,283	-0,002	0,010	0,080	FALSE

0,202	0,266	0,006	0,009	0,293	FALSE
-0,152	0,286	-0,004	0,010	0,183	FALSE
0,173	0,281	0,008	0,016	0,210	FALSE
0,234	0,270	0,010	0,015	0,308	FALSE
0,196	0,276	0,005	0,011	0,208	FALSE
0,122	0,290	0,005	0,013	0,157	FALSE
-0,059	0,287	-0,001	0,011	0,042	FALSE
0,006	0,296	-0,002	0,017	0,035	FALSE
0,047	0,294	0,001	0,016	0,034	FALSE
-0,033	0,284	-0,002	0,009	0,077	FALSE
-0,056	0,288	-0,002	0,009	0,085	FALSE
-0,068	0,276	-0,003	0,014	0,073	FALSE
-0,020	0,276	-0,002	0,013	0,043	FALSE
-0,117	0,282	-0,005	0,015	0,113	FALSE
0,026	0,275	-0,001	0,008	0,040	FALSE
-0,150	0,280	-0,004	0,011	0,153	FALSE
0,020	0,286	-0,001	0,012	0,032	FALSE
0,074	0,288	0,002	0,013	0,068	FALSE
0,221	0,292	0,009	0,012	0,343	FALSE
0,020	0,290	0,001	0,018	0,019	FALSE
0,024	0,286	0,001	0,010	0,028	FALSE
-0,214	0,276	-0,009	0,012	0,340	FALSE
0,001	0,292	0,000	0,016	0,009	FALSE
0,131	0,288	0,006	0,013	0,187	FALSE
-0,131	0,285	-0,007	0,012	0,239	FALSE
0,046	0,293	0,004	0,017	0,089	FALSE
-0,128	0,281	-0,005	0,014	0,153	FALSE
-0,051	0,286	0,000	0,009	0,005	FALSE
0,025	0,271	-0,002	0,017	0,038	FALSE
-0,122	0,286	-0,003	0,009	0,157	FALSE
-0,041	0,273	-0,001	0,009	0,037	FALSE
0,040	0,285	0,002	0,009	0,080	FALSE
0,090	0,284	0,004	0,014	0,113	FALSE
-0,104	0,278	-0,002	0,009	0,079	FALSE
0,009	0,282	0,000	0,016	0,004	FALSE
-0,017	0,291	-0,002	0,013	0,055	FALSE
0,024	0,276	0,000	0,012	0,002	FALSE
-0,041	0,295	-0,003	0,012	0,082	FALSE
-0,032	0,301	-0,002	0,012	0,057	FALSE
-0,001	0,303	0,000	0,018	0,008	FALSE
-0,049	0,281	-0,001	0,011	0,026	FALSE
0,034	0,277	0,000	0,010	0,002	FALSE
0,125	0,280	0,010	0,017	0,267	FALSE
-0,082	0,294	-0,005	0,016	0,115	FALSE
-0,102	0,276	-0,007	0,014	0,233	FALSE
0,071	0,285	0,001	0,011	0,041	FALSE
0,042	0,295	0,002	0,014	0,042	FALSE
-0,121	0,277	-0,003	0,009	0,143	FALSE
0,094	0,281	0,004	0,012	0,126	FALSE
-0,137	0,298	-0,004	0,010	0,147	FALSE
-0,074	0,290	-0,002	0,016	0,045	FALSE
-0,138	0,280	-0,006	0,014	0,165	FALSE
-0,211	0,282	-0,007	0,012	0,242	FALSE

0,155	0,278	0,005	0,010	0,239	FALSE
-0,078	0,282	-0,005	0,013	0,146	FALSE
-0,094	0,284	-0,002	0,010	0,082	FALSE
-0,139	0,273	-0,003	0,009	0,121	FALSE
-0,022	0,284	-0,002	0,017	0,037	FALSE
-0,071	0,287	-0,003	0,010	0,106	FALSE
-0,134	0,276	-0,010	0,017	0,248	FALSE
-0,037	0,301	0,000	0,009	0,006	FALSE
-0,051	0,276	-0,004	0,017	0,086	FALSE
0,061	0,293	0,002	0,015	0,036	FALSE
-0,059	0,291	-0,004	0,012	0,129	FALSE
-0,031	0,271	-0,002	0,017	0,054	FALSE
0,030	0,287	0,001	0,017	0,027	FALSE
-0,169	0,304	-0,006	0,014	0,194	FALSE
0,164	0,282	0,006	0,015	0,177	FALSE
0,272	0,255	0,007	0,009	0,363	FALSE
0,014	0,283	0,000	0,008	0,003	FALSE
-0,138	0,285	-0,004	0,011	0,157	FALSE
-0,001	0,291	0,000	0,016	0,001	FALSE
-0,050	0,278	-0,004	0,012	0,114	FALSE
-0,062	0,282	-0,003	0,014	0,068	FALSE
-0,057	0,281	-0,002	0,015	0,046	FALSE
-0,157	0,303	-0,004	0,009	0,166	FALSE
-0,124	0,282	-0,007	0,016	0,176	FALSE
0,089	0,272	0,004	0,012	0,144	FALSE
0,051	0,283	0,000	0,012	0,012	FALSE
0,104	0,263	0,005	0,011	0,200	FALSE
-0,091	0,290	-0,003	0,010	0,096	FALSE
0,117	0,290	0,005	0,010	0,236	FALSE
0,020	0,298	0,002	0,012	0,068	FALSE
-0,149	0,270	-0,005	0,013	0,157	FALSE
-0,046	0,284	0,000	0,014	0,002	FALSE
0,003	0,292	0,001	0,010	0,022	FALSE
-0,048	0,293	-0,001	0,010	0,030	FALSE
-0,018	0,281	0,000	0,012	0,001	FALSE
0,153	0,271	0,004	0,009	0,179	FALSE
0,039	0,285	0,003	0,013	0,085	FALSE
-0,194	0,283	-0,007	0,010	0,292	FALSE
0,018	0,298	0,001	0,018	0,017	FALSE
0,082	0,275	0,004	0,014	0,122	FALSE
0,234	0,280	0,013	0,017	0,371	FALSE
0,209	0,289	0,012	0,017	0,325	FALSE
-0,176	0,277	-0,006	0,010	0,247	FALSE
0,031	0,302	0,002	0,014	0,054	FALSE
0,057	0,273	0,001	0,011	0,033	FALSE
0,151	0,266	0,004	0,008	0,196	FALSE
0,116	0,276	0,009	0,014	0,281	FALSE
-0,020	0,287	-0,001	0,012	0,033	FALSE
-0,044	0,278	-0,003	0,017	0,060	FALSE
0,043	0,288	0,002	0,010	0,058	FALSE
-0,044	0,289	-0,001	0,011	0,024	FALSE
0,152	0,283	0,004	0,013	0,137	FALSE
-0,055	0,288	-0,001	0,011	0,034	FALSE

-0,048	0,276	-0,001	0,014	0,016	FALSE
0,042	0,289	0,002	0,009	0,094	FALSE
0,013	0,280	0,002	0,010	0,088	FALSE
-0,060	0,269	-0,001	0,015	0,031	FALSE
-0,003	0,286	0,003	0,016	0,060	FALSE
0,006	0,268	0,000	0,015	0,007	FALSE
0,154	0,293	0,008	0,017	0,198	FALSE
-0,066	0,277	-0,001	0,013	0,034	FALSE
-0,001	0,284	0,001	0,010	0,037	FALSE
-0,041	0,279	0,000	0,010	0,016	FALSE
-0,160	0,285	-0,007	0,016	0,169	FALSE
-0,017	0,282	0,001	0,011	0,042	FALSE
0,179	0,272	0,007	0,011	0,282	FALSE
0,295	0,265	0,015	0,016	0,469	FALSE
0,047	0,286	0,000	0,009	0,010	FALSE
0,154	0,289	0,005	0,016	0,132	FALSE
-0,121	0,277	-0,003	0,009	0,144	FALSE
0,079	0,286	0,001	0,016	0,028	FALSE
0,149	0,285	0,006	0,010	0,236	FALSE
-0,041	0,292	-0,001	0,012	0,017	FALSE
0,159	0,272	0,006	0,010	0,243	FALSE
0,187	0,275	0,007	0,013	0,235	FALSE
-0,099	0,285	-0,003	0,011	0,107	FALSE
-0,027	0,282	0,001	0,012	0,016	FALSE
-0,182	0,278	-0,005	0,009	0,232	FALSE
0,153	0,270	0,006	0,012	0,221	FALSE
0,116	0,277	0,002	0,012	0,063	FALSE
0,090	0,287	0,003	0,017	0,059	FALSE
0,099	0,290	0,004	0,018	0,080	FALSE
0,282	0,255	0,009	0,011	0,412	FALSE
0,034	0,293	0,001	0,010	0,021	FALSE
0,007	0,299	0,002	0,011	0,056	FALSE
-0,096	0,268	-0,003	0,015	0,064	FALSE
0,071	0,274	0,007	0,016	0,167	FALSE
-0,250	0,275	-0,007	0,010	0,297	FALSE
0,042	0,293	0,001	0,012	0,042	FALSE
0,232	0,284	0,014	0,018	0,359	FALSE
0,070	0,308	0,003	0,015	0,076	FALSE
0,069	0,291	0,003	0,014	0,073	FALSE
0,077	0,276	0,002	0,011	0,079	FALSE
0,070	0,277	0,003	0,015	0,083	FALSE
0,055	0,287	0,002	0,015	0,048	FALSE
0,013	0,302	-0,001	0,017	0,017	FALSE
0,096	0,282	0,003	0,016	0,075	FALSE
0,084	0,290	0,003	0,012	0,105	FALSE
0,144	0,286	0,005	0,014	0,135	FALSE
0,044	0,282	0,004	0,016	0,098	FALSE
0,100	0,289	0,006	0,014	0,169	FALSE
0,025	0,276	0,002	0,012	0,067	FALSE
0,004	0,292	0,000	0,014	0,002	FALSE
-0,056	0,303	-0,001	0,015	0,031	FALSE
-0,042	0,280	-0,002	0,018	0,046	FALSE
-0,056	0,292	-0,002	0,015	0,056	FALSE

-0,061	0,299	-0,002	0,013	0,053	FALSE
-0,161	0,278	-0,005	0,009	0,229	FALSE
0,067	0,310	0,003	0,012	0,086	FALSE
0,037	0,274	0,001	0,009	0,052	FALSE
0,147	0,273	0,008	0,015	0,214	FALSE
-0,086	0,292	-0,002	0,013	0,060	FALSE
0,210	0,261	0,012	0,014	0,405	FALSE
-0,123	0,281	-0,006	0,015	0,150	FALSE
-0,063	0,268	-0,005	0,011	0,166	FALSE
0,021	0,282	-0,003	0,015	0,064	FALSE
0,003	0,274	0,001	0,009	0,034	FALSE
0,074	0,268	0,002	0,011	0,064	FALSE
-0,038	0,287	-0,004	0,018	0,096	FALSE
-0,093	0,288	-0,007	0,018	0,152	FALSE
0,046	0,290	0,003	0,018	0,056	FALSE
0,007	0,286	0,003	0,014	0,071	FALSE
-0,032	0,290	-0,002	0,017	0,054	FALSE
-0,045	0,292	-0,003	0,016	0,064	FALSE
-0,074	0,290	-0,003	0,011	0,101	FALSE
0,094	0,300	0,005	0,019	0,111	FALSE
0,095	0,277	0,003	0,016	0,073	FALSE
-0,073	0,283	-0,005	0,013	0,140	FALSE
0,149	0,278	0,010	0,017	0,247	FALSE
0,012	0,273	0,002	0,010	0,074	FALSE
0,120	0,287	0,007	0,015	0,202	FALSE
-0,053	0,277	-0,001	0,010	0,030	FALSE
-0,107	0,273	-0,005	0,009	0,226	FALSE
-0,032	0,270	-0,001	0,013	0,039	FALSE
-0,063	0,292	-0,001	0,011	0,045	FALSE
0,012	0,283	-0,001	0,010	0,034	FALSE
0,142	0,280	0,008	0,018	0,187	FALSE
0,049	0,286	0,001	0,009	0,051	FALSE
-0,080	0,278	-0,002	0,011	0,049	FALSE
-0,037	0,281	0,000	0,016	0,004	FALSE
-0,085	0,278	-0,004	0,013	0,126	FALSE
-0,049	0,281	-0,002	0,013	0,066	FALSE
-0,008	0,293	-0,003	0,017	0,074	FALSE
0,174	0,258	0,006	0,016	0,164	FALSE
0,151	0,273	0,005	0,010	0,226	FALSE
-0,242	0,275	-0,015	0,016	0,436	FALSE
-0,157	0,296	-0,010	0,018	0,233	FALSE
-0,216	0,290	-0,007	0,011	0,290	FALSE
0,023	0,276	-0,002	0,011	0,051	FALSE
0,020	0,291	0,000	0,014	0,000	FALSE
-0,029	0,288	-0,001	0,017	0,013	FALSE
0,077	0,290	0,004	0,018	0,078	FALSE
-0,183	0,297	-0,007	0,013	0,211	FALSE
-0,058	0,295	-0,001	0,010	0,052	FALSE
-0,156	0,274	-0,004	0,009	0,200	FALSE
0,039	0,287	0,002	0,016	0,046	FALSE
0,030	0,283	0,001	0,012	0,024	FALSE
0,033	0,275	0,004	0,017	0,080	FALSE
0,123	0,281	0,005	0,011	0,185	FALSE

-0,124	0,296	-0,004	0,015	0,089	FALSE
-0,125	0,275	-0,004	0,015	0,092	FALSE
-0,134	0,278	-0,004	0,014	0,101	FALSE
0,095	0,271	0,003	0,013	0,084	FALSE
0,231	0,274	0,009	0,013	0,332	FALSE
0,214	0,278	0,009	0,013	0,344	FALSE
0,126	0,286	0,007	0,015	0,206	FALSE
0,119	0,277	0,007	0,015	0,202	FALSE
-0,041	0,288	-0,001	0,009	0,060	FALSE
0,012	0,285	0,000	0,009	0,012	FALSE
0,147	0,286	0,008	0,014	0,240	FALSE
-0,057	0,307	-0,004	0,013	0,118	FALSE
-0,038	0,280	-0,004	0,012	0,122	FALSE
-0,038	0,275	0,000	0,014	0,006	FALSE
-0,104	0,288	-0,006	0,013	0,200	FALSE
-0,201	0,287	-0,005	0,009	0,250	FALSE
0,036	0,296	0,004	0,014	0,112	FALSE
-0,040	0,282	0,001	0,016	0,028	FALSE
-0,104	0,294	-0,003	0,012	0,090	FALSE
-0,035	0,272	0,001	0,008	0,027	FALSE
0,150	0,269	0,004	0,012	0,123	FALSE
0,088	0,293	0,006	0,016	0,147	FALSE
0,023	0,287	0,002	0,016	0,054	FALSE
0,120	0,281	0,007	0,016	0,194	FALSE
-0,021	0,292	0,001	0,011	0,023	FALSE
0,093	0,280	0,003	0,011	0,097	FALSE
0,063	0,272	0,004	0,016	0,103	FALSE
0,006	0,287	0,001	0,012	0,034	FALSE
0,017	0,283	-0,001	0,015	0,024	FALSE
-0,059	0,276	-0,003	0,014	0,080	FALSE
0,110	0,280	0,007	0,015	0,195	FALSE
0,040	0,273	0,000	0,011	0,009	FALSE
0,070	0,290	0,003	0,014	0,080	FALSE
0,079	0,281	0,004	0,014	0,102	FALSE
-0,026	0,293	0,000	0,011	0,001	FALSE
-0,029	0,287	0,000	0,011	0,010	FALSE
-0,025	0,288	0,000	0,009	0,008	FALSE
-0,092	0,285	-0,004	0,015	0,108	FALSE
0,161	0,278	0,006	0,011	0,231	FALSE
0,026	0,298	0,001	0,015	0,014	FALSE
-0,099	0,283	-0,006	0,017	0,138	FALSE
-0,057	0,279	-0,003	0,017	0,073	FALSE
-0,062	0,292	-0,004	0,015	0,110	FALSE
-0,059	0,280	-0,005	0,015	0,134	FALSE
0,012	0,294	-0,001	0,016	0,024	FALSE
0,038	0,289	0,001	0,009	0,049	FALSE
0,023	0,279	0,001	0,009	0,047	FALSE
0,027	0,288	0,001	0,010	0,023	FALSE
0,038	0,286	0,001	0,009	0,050	FALSE
-0,070	0,288	-0,001	0,015	0,030	FALSE
-0,026	0,292	-0,002	0,017	0,036	FALSE
-0,084	0,288	-0,004	0,015	0,094	FALSE
-0,211	0,289	-0,013	0,017	0,378	FALSE

-0,168	0,278	-0,011	0,016	0,286	FALSE
-0,036	0,287	-0,001	0,014	0,036	FALSE
-0,029	0,281	-0,001	0,013	0,039	FALSE
-0,178	0,282	-0,010	0,016	0,257	FALSE
-0,080	0,289	-0,004	0,011	0,133	FALSE
-0,115	0,280	-0,004	0,014	0,117	FALSE
0,029	0,287	0,003	0,014	0,094	FALSE
0,022	0,288	0,003	0,015	0,080	FALSE
0,040	0,298	0,001	0,009	0,053	FALSE
-0,013	0,293	-0,002	0,014	0,041	FALSE
-0,023	0,273	-0,001	0,010	0,041	FALSE
-0,010	0,297	-0,001	0,010	0,020	FALSE
-0,004	0,273	0,000	0,017	0,009	FALSE
0,093	0,282	0,003	0,013	0,093	FALSE
-0,029	0,283	-0,002	0,017	0,044	FALSE
0,020	0,283	0,001	0,016	0,015	FALSE
-0,075	0,279	-0,006	0,015	0,166	FALSE
0,157	0,297	0,009	0,018	0,220	FALSE
-0,144	0,281	-0,008	0,017	0,205	FALSE
0,117	0,265	0,005	0,011	0,215	FALSE
0,018	0,288	0,000	0,017	0,003	FALSE
-0,041	0,270	-0,003	0,012	0,090	FALSE
-0,052	0,291	-0,003	0,012	0,079	FALSE
0,115	0,283	0,004	0,009	0,193	FALSE
-0,010	0,286	0,000	0,010	0,003	FALSE
0,154	0,285	0,003	0,009	0,136	FALSE
0,117	0,288	0,004	0,009	0,160	FALSE
-0,028	0,284	-0,001	0,011	0,048	FALSE
-0,054	0,282	-0,001	0,017	0,018	FALSE
0,095	0,275	0,002	0,011	0,080	FALSE
0,009	0,284	0,003	0,014	0,075	FALSE
-0,094	0,276	-0,001	0,017	0,021	FALSE
0,039	0,271	0,001	0,012	0,025	FALSE
0,194	0,276	0,007	0,014	0,196	FALSE
-0,078	0,298	-0,002	0,008	0,114	FALSE
0,085	0,286	0,002	0,010	0,075	FALSE
0,009	0,291	0,001	0,013	0,027	FALSE
-0,123	0,274	-0,006	0,014	0,181	FALSE
-0,080	0,280	-0,003	0,009	0,148	FALSE
-0,015	0,295	0,000	0,009	0,007	FALSE
0,253	0,265	0,010	0,012	0,406	FALSE
0,168	0,292	0,008	0,012	0,274	FALSE
-0,059	0,282	-0,004	0,014	0,100	FALSE
-0,059	0,296	-0,002	0,012	0,052	FALSE
-0,072	0,286	-0,004	0,016	0,085	FALSE
0,030	0,289	0,001	0,015	0,023	FALSE
0,119	0,279	0,007	0,017	0,156	FALSE
-0,126	0,273	-0,006	0,013	0,193	FALSE
-0,059	0,278	-0,002	0,017	0,046	FALSE
0,049	0,292	0,000	0,015	0,008	FALSE
0,038	0,291	0,000	0,015	0,008	FALSE
-0,077	0,276	-0,005	0,013	0,142	FALSE
-0,114	0,282	-0,005	0,010	0,204	FALSE

0,032	0,287	0,002	0,017	0,049	FALSE
0,025	0,275	0,001	0,011	0,040	FALSE
-0,068	0,285	-0,002	0,009	0,072	FALSE
-0,274	0,279	-0,011	0,012	0,420	FALSE
0,037	0,281	0,004	0,015	0,099	FALSE
-0,161	0,293	-0,005	0,011	0,176	FALSE
-0,137	0,281	-0,008	0,017	0,187	TRUE
0,026	0,278	0,000	0,011	0,013	FALSE
-0,169	0,270	-0,009	0,017	0,241	FALSE
0,095	0,289	0,004	0,010	0,186	FALSE
0,126	0,292	0,004	0,015	0,115	FALSE
-0,024	0,274	-0,001	0,011	0,041	FALSE
0,101	0,279	0,003	0,011	0,122	FALSE
0,077	0,284	0,003	0,012	0,095	FALSE
0,201	0,279	0,010	0,015	0,301	FALSE
0,077	0,295	0,005	0,016	0,109	FALSE
0,139	0,286	0,007	0,014	0,200	FALSE
-0,063	0,279	-0,001	0,011	0,032	FALSE
-0,019	0,286	-0,002	0,010	0,055	FALSE
-0,249	0,282	-0,013	0,015	0,421	FALSE
0,141	0,272	0,004	0,009	0,166	FALSE
0,047	0,283	0,000	0,017	0,003	FALSE
0,136	0,257	0,004	0,011	0,162	FALSE
-0,039	0,278	-0,003	0,013	0,078	FALSE
-0,061	0,270	-0,002	0,010	0,085	FALSE
0,166	0,281	0,009	0,016	0,232	FALSE
0,028	0,288	0,001	0,012	0,024	FALSE
-0,104	0,285	-0,006	0,015	0,156	FALSE
-0,035	0,297	-0,001	0,012	0,042	FALSE
-0,031	0,292	-0,001	0,010	0,049	FALSE
0,073	0,287	0,004	0,014	0,113	FALSE
-0,010	0,294	0,000	0,017	0,005	FALSE
0,004	0,294	0,001	0,017	0,018	FALSE
0,016	0,270	0,002	0,014	0,045	FALSE
-0,110	0,284	-0,003	0,010	0,130	FALSE
-0,066	0,261	-0,004	0,013	0,111	FALSE
0,044	0,297	0,003	0,014	0,094	FALSE
0,017	0,280	0,002	0,012	0,053	FALSE
-0,136	0,284	-0,007	0,016	0,177	FALSE
-0,090	0,279	-0,001	0,012	0,032	FALSE
0,160	0,278	0,006	0,017	0,142	FALSE
-0,036	0,290	0,000	0,012	0,002	FALSE
0,031	0,298	0,001	0,015	0,023	FALSE
0,089	0,276	0,005	0,010	0,209	FALSE
0,051	0,279	0,002	0,010	0,081	FALSE
-0,046	0,249	-0,006	0,018	0,122	FALSE
0,103	0,273	0,003	0,011	0,099	FALSE
0,042	0,278	0,002	0,015	0,050	FALSE
-0,172	0,297	-0,005	0,010	0,222	FALSE
0,307	0,257	0,016	0,016	0,480	FALSE
-0,101	0,277	-0,003	0,012	0,103	FALSE
-0,057	0,260	-0,001	0,008	0,036	FALSE
0,044	0,271	0,003	0,012	0,080	FALSE

0,083	0,279	0,004	0,012	0,139	FALSE
-0,032	0,284	-0,003	0,014	0,075	FALSE
-0,012	0,289	0,001	0,015	0,013	FALSE
-0,078	0,294	-0,004	0,017	0,080	FALSE
0,145	0,268	0,005	0,015	0,140	FALSE
-0,151	0,276	-0,006	0,013	0,179	FALSE
-0,109	0,290	-0,006	0,014	0,193	FALSE
-0,191	0,270	-0,005	0,008	0,254	FALSE
-0,044	0,283	-0,002	0,011	0,054	FALSE
-0,112	0,285	-0,006	0,013	0,178	FALSE
-0,016	0,295	0,000	0,009	0,012	FALSE
0,031	0,280	0,002	0,010	0,063	FALSE
-0,027	0,276	-0,001	0,015	0,023	FALSE
-0,151	0,294	-0,006	0,012	0,197	FALSE
-0,078	0,279	-0,006	0,016	0,138	FALSE
-0,006	0,293	0,002	0,013	0,063	FALSE
-0,070	0,281	0,000	0,016	0,006	FALSE
-0,088	0,285	-0,002	0,016	0,045	FALSE
0,131	0,283	0,005	0,011	0,183	FALSE
-0,007	0,281	0,000	0,015	0,007	FALSE
-0,015	0,273	-0,001	0,009	0,057	FALSE
0,043	0,285	0,003	0,016	0,061	FALSE
-0,081	0,275	-0,002	0,009	0,095	FALSE
0,024	0,278	-0,001	0,015	0,023	FALSE
-0,050	0,274	-0,004	0,012	0,120	FALSE
-0,018	0,283	-0,002	0,016	0,052	FALSE
0,036	0,289	0,000	0,012	0,004	FALSE
0,002	0,291	-0,001	0,016	0,020	FALSE
-0,140	0,277	-0,004	0,012	0,130	FALSE
-0,152	0,281	-0,004	0,011	0,137	FALSE
0,112	0,281	0,004	0,010	0,159	FALSE
-0,064	0,285	-0,002	0,015	0,061	FALSE
0,139	0,277	0,007	0,013	0,246	FALSE
-0,045	0,295	-0,002	0,012	0,061	FALSE
-0,138	0,273	-0,009	0,016	0,222	FALSE
0,177	0,272	0,008	0,014	0,253	FALSE
0,131	0,290	0,007	0,015	0,185	FALSE
-0,048	0,291	-0,001	0,011	0,036	FALSE
0,095	0,275	0,003	0,013	0,093	FALSE
0,053	0,282	0,003	0,009	0,136	FALSE
0,109	0,284	0,006	0,016	0,149	FALSE
0,082	0,273	0,005	0,015	0,125	FALSE
0,014	0,280	0,002	0,014	0,043	FALSE
-0,032	0,281	0,000	0,014	0,005	FALSE
-0,011	0,272	0,000	0,013	0,007	FALSE
-0,088	0,293	-0,002	0,011	0,056	FALSE
0,046	0,297	0,002	0,017	0,040	FALSE
-0,093	0,281	-0,004	0,017	0,095	FALSE
-0,041	0,295	-0,003	0,017	0,075	FALSE
0,003	0,275	0,000	0,010	0,005	FALSE
0,068	0,279	0,002	0,008	0,067	FALSE
0,128	0,280	0,005	0,012	0,178	FALSE
-0,099	0,262	-0,007	0,016	0,172	FALSE

0,076	0,286	0,003	0,009	0,114	FALSE
-0,215	0,273	-0,013	0,016	0,385	FALSE
-0,143	0,293	-0,005	0,013	0,168	FALSE
-0,083	0,281	-0,003	0,013	0,093	FALSE
0,010	0,283	0,000	0,014	0,010	FALSE
-0,094	0,289	-0,003	0,012	0,109	FALSE
0,025	0,292	0,002	0,011	0,067	FALSE
0,094	0,286	0,004	0,014	0,109	FALSE
-0,185	0,264	-0,010	0,016	0,284	FALSE
-0,008	0,287	-0,001	0,011	0,028	FALSE
0,000	0,289	0,001	0,009	0,034	FALSE
0,048	0,262	0,001	0,009	0,047	FALSE
-0,070	0,274	-0,002	0,013	0,061	FALSE
-0,015	0,283	0,000	0,012	0,001	FALSE
-0,133	0,292	-0,005	0,012	0,150	FALSE
-0,028	0,277	-0,001	0,013	0,015	FALSE
-0,050	0,269	-0,001	0,013	0,026	FALSE
-0,015	0,285	0,001	0,010	0,026	FALSE
-0,136	0,285	-0,005	0,010	0,235	FALSE
-0,031	0,265	-0,002	0,016	0,054	FALSE
-0,114	0,276	-0,007	0,014	0,215	FALSE
0,048	0,294	0,002	0,017	0,052	FALSE
0,264	0,271	0,007	0,009	0,368	FALSE
-0,034	0,287	-0,003	0,016	0,071	FALSE
-0,058	0,293	-0,005	0,016	0,116	FALSE
-0,096	0,296	-0,002	0,010	0,093	FALSE
-0,086	0,279	-0,003	0,010	0,113	FALSE
-0,076	0,294	-0,002	0,010	0,091	FALSE
0,171	0,287	0,009	0,016	0,245	FALSE
-0,106	0,288	-0,007	0,016	0,175	FALSE
0,000	0,284	0,000	0,018	0,001	FALSE
-0,125	0,295	-0,003	0,010	0,125	FALSE
-0,117	0,271	-0,003	0,008	0,129	FALSE
0,043	0,273	0,002	0,016	0,037	FALSE
0,065	0,284	0,002	0,012	0,049	FALSE
-0,136	0,284	-0,005	0,011	0,183	FALSE
0,177	0,270	0,005	0,009	0,221	FALSE
0,080	0,282	0,004	0,012	0,121	FALSE
0,092	0,285	0,002	0,012	0,046	FALSE
0,083	0,273	0,004	0,012	0,131	FALSE
-0,104	0,283	-0,004	0,011	0,143	FALSE
0,159	0,275	0,006	0,011	0,250	FALSE
-0,018	0,290	0,001	0,011	0,046	FALSE
-0,051	0,303	-0,004	0,017	0,096	FALSE
0,043	0,272	0,001	0,013	0,036	FALSE
-0,208	0,276	-0,013	0,016	0,367	FALSE
-0,018	0,283	0,000	0,009	0,009	FALSE
0,072	0,268	0,002	0,010	0,072	FALSE
0,090	0,286	0,004	0,010	0,166	FALSE
0,082	0,272	0,003	0,009	0,144	FALSE
-0,050	0,286	-0,004	0,015	0,098	FALSE
-0,127	0,285	-0,008	0,017	0,185	FALSE
0,100	0,268	0,005	0,017	0,107	FALSE

-0,094	0,279	-0,003	0,010	0,122	FALSE
-0,027	0,280	-0,001	0,011	0,034	FALSE
0,149	0,262	0,008	0,015	0,219	FALSE
0,045	0,284	0,000	0,016	0,002	FALSE
0,003	0,285	-0,001	0,015	0,033	FALSE
-0,037	0,277	-0,002	0,010	0,082	FALSE
-0,133	0,278	-0,008	0,017	0,204	FALSE
0,011	0,289	0,000	0,010	0,008	FALSE
0,055	0,284	0,003	0,009	0,119	FALSE
-0,056	0,292	-0,002	0,011	0,077	FALSE
-0,065	0,287	-0,003	0,010	0,124	FALSE
0,019	0,274	0,000	0,016	0,003	FALSE
0,022	0,299	0,000	0,009	0,003	FALSE
0,176	0,269	0,011	0,017	0,277	FALSE
-0,143	0,289	-0,005	0,011	0,170	FALSE
-0,135	0,286	-0,005	0,015	0,127	FALSE
-0,117	0,287	-0,004	0,013	0,118	FALSE
0,130	0,281	0,004	0,010	0,166	FALSE
0,045	0,279	0,002	0,015	0,050	FALSE
0,183	0,281	0,007	0,014	0,222	FALSE
-0,053	0,272	-0,005	0,016	0,120	FALSE
-0,001	0,268	0,000	0,008	0,020	FALSE
-0,039	0,293	-0,001	0,014	0,024	FALSE
0,010	0,290	0,001	0,012	0,023	FALSE
-0,241	0,268	-0,015	0,018	0,417	FALSE
0,137	0,276	0,006	0,011	0,254	FALSE
0,166	0,264	0,010	0,016	0,270	FALSE
0,172	0,262	0,007	0,013	0,213	FALSE
0,008	0,283	0,000	0,017	0,003	FALSE
0,044	0,287	0,001	0,010	0,053	FALSE
-0,025	0,275	-0,001	0,011	0,047	FALSE
0,144	0,285	0,006	0,009	0,260	FALSE
0,017	0,279	0,000	0,015	0,007	FALSE
0,096	0,285	0,004	0,015	0,106	FALSE
-0,005	0,296	-0,003	0,016	0,066	FALSE
-0,132	0,290	-0,004	0,010	0,163	FALSE
0,020	0,288	0,002	0,013	0,042	FALSE
0,039	0,287	0,001	0,011	0,021	FALSE
-0,143	0,268	-0,006	0,016	0,140	FALSE
0,066	0,292	0,002	0,017	0,053	FALSE
0,054	0,280	0,001	0,017	0,017	FALSE
0,092	0,285	0,004	0,011	0,160	FALSE
-0,137	0,277	-0,004	0,017	0,097	FALSE
0,259	0,260	0,013	0,016	0,361	FALSE
0,241	0,267	0,012	0,018	0,294	FALSE
-0,082	0,295	-0,002	0,011	0,076	FALSE
-0,215	0,280	-0,006	0,010	0,272	FALSE
0,084	0,288	0,003	0,010	0,123	FALSE
0,013	0,279	0,001	0,011	0,046	FALSE
0,092	0,288	0,007	0,017	0,170	FALSE
0,101	0,277	0,005	0,013	0,151	FALSE
-0,071	0,280	-0,004	0,014	0,111	FALSE
0,000	0,292	0,000	0,010	0,008	FALSE

0,150	0,271	0,008	0,016	0,207	FALSE
-0,009	0,267	-0,001	0,012	0,020	FALSE
0,087	0,281	0,003	0,015	0,071	FALSE
-0,013	0,282	-0,001	0,012	0,038	FALSE
0,055	0,281	0,003	0,010	0,107	FALSE
0,048	0,287	0,004	0,012	0,116	FALSE
0,035	0,283	0,004	0,017	0,078	FALSE
0,050	0,297	0,005	0,018	0,105	FALSE
-0,107	0,289	-0,007	0,017	0,173	FALSE
0,010	0,282	0,002	0,010	0,077	FALSE
-0,112	0,275	-0,004	0,010	0,161	FALSE
0,165	0,273	0,009	0,015	0,263	FALSE
0,169	0,286	0,009	0,015	0,271	FALSE
-0,177	0,270	-0,012	0,017	0,302	FALSE
0,035	0,286	0,001	0,015	0,019	FALSE
-0,150	0,280	-0,007	0,016	0,165	FALSE
0,153	0,262	0,004	0,010	0,175	FALSE
-0,144	0,271	-0,005	0,011	0,170	FALSE
-0,053	0,300	-0,003	0,014	0,064	FALSE
0,147	0,298	0,005	0,010	0,220	FALSE
-0,119	0,286	-0,006	0,016	0,137	FALSE
-0,006	0,286	0,002	0,012	0,067	FALSE
-0,058	0,282	0,000	0,017	0,005	FALSE
-0,114	0,260	-0,007	0,014	0,229	FALSE
-0,109	0,275	-0,005	0,010	0,197	FALSE
-0,034	0,273	-0,003	0,014	0,072	FALSE
0,122	0,281	0,006	0,013	0,169	FALSE
-0,139	0,273	-0,008	0,013	0,251	FALSE
-0,033	0,278	-0,002	0,016	0,055	FALSE
-0,216	0,277	-0,013	0,016	0,360	FALSE
0,252	0,260	0,012	0,015	0,377	FALSE
-0,176	0,271	-0,013	0,017	0,327	FALSE
-0,027	0,285	-0,002	0,014	0,059	FALSE
-0,111	0,297	-0,004	0,009	0,180	FALSE
0,070	0,272	0,003	0,010	0,126	FALSE
0,216	0,271	0,007	0,012	0,266	FALSE
0,061	0,281	0,005	0,013	0,142	FALSE
0,020	0,304	0,002	0,009	0,080	FALSE
-0,047	0,290	-0,001	0,009	0,048	FALSE
0,173	0,267	0,005	0,009	0,226	FALSE
-0,248	0,296	-0,008	0,011	0,334	FALSE
-0,037	0,288	-0,002	0,017	0,036	FALSE
0,012	0,285	-0,001	0,011	0,046	FALSE
0,007	0,281	0,001	0,009	0,060	FALSE
-0,101	0,279	-0,003	0,013	0,096	FALSE
0,064	0,299	0,002	0,017	0,042	FALSE
-0,043	0,303	-0,002	0,017	0,033	FALSE
-0,115	0,291	-0,007	0,018	0,165	FALSE
-0,006	0,295	0,000	0,017	0,002	FALSE
0,030	0,287	0,000	0,012	0,007	FALSE
-0,039	0,282	-0,001	0,009	0,033	FALSE
0,188	0,283	0,010	0,017	0,244	FALSE
0,025	0,269	0,001	0,014	0,025	FALSE

-0,185	0,283	-0,009	0,017	0,234	FALSE
0,137	0,282	0,004	0,010	0,153	FALSE
0,032	0,287	0,001	0,009	0,042	FALSE
-0,012	0,294	-0,002	0,013	0,066	FALSE
0,085	0,293	0,005	0,017	0,115	FALSE
-0,138	0,280	-0,007	0,015	0,176	FALSE
0,046	0,279	0,002	0,016	0,053	FALSE
0,040	0,295	0,003	0,017	0,071	FALSE
-0,055	0,294	0,000	0,009	0,012	FALSE
0,018	0,280	0,001	0,012	0,026	FALSE
0,119	0,284	0,003	0,010	0,120	FALSE
0,130	0,271	0,005	0,014	0,138	FALSE
0,093	0,269	0,002	0,010	0,071	FALSE
-0,076	0,287	-0,006	0,017	0,153	FALSE
-0,209	0,278	-0,008	0,012	0,269	FALSE
0,116	0,273	0,002	0,014	0,065	FALSE
0,122	0,295	0,006	0,014	0,187	FALSE
-0,050	0,278	-0,002	0,011	0,074	FALSE
0,155	0,263	0,006	0,015	0,173	FALSE
-0,037	0,275	-0,003	0,012	0,106	FALSE
0,058	0,285	0,006	0,017	0,135	FALSE
0,040	0,286	0,003	0,015	0,073	FALSE
0,171	0,288	0,010	0,018	0,239	FALSE
-0,102	0,283	-0,002	0,010	0,079	FALSE
-0,008	0,275	-0,001	0,011	0,021	FALSE
0,156	0,263	0,004	0,008	0,216	FALSE
0,145	0,267	0,005	0,009	0,227	FALSE
0,120	0,290	0,003	0,011	0,107	FALSE
0,124	0,286	0,004	0,011	0,126	FALSE
0,024	0,291	0,000	0,016	0,001	FALSE
0,144	0,279	0,005	0,015	0,133	FALSE
0,094	0,284	0,003	0,015	0,070	FALSE
-0,060	0,296	-0,003	0,010	0,112	FALSE
-0,089	0,273	-0,003	0,016	0,072	FALSE
-0,118	0,285	-0,004	0,012	0,135	FALSE
-0,081	0,278	-0,002	0,012	0,066	FALSE
-0,067	0,293	-0,001	0,012	0,042	FALSE
0,190	0,272	0,009	0,014	0,281	FALSE
0,037	0,271	0,004	0,016	0,102	FALSE
-0,050	0,276	-0,002	0,011	0,068	FALSE
-0,036	0,292	-0,001	0,012	0,047	FALSE
0,024	0,276	0,000	0,011	0,006	FALSE
0,034	0,299	0,003	0,014	0,074	FALSE
0,092	0,269	0,005	0,016	0,126	FALSE
-0,097	0,288	-0,002	0,017	0,052	FALSE
-0,021	0,284	0,001	0,017	0,013	FALSE
-0,063	0,276	-0,002	0,010	0,060	FALSE
0,199	0,273	0,005	0,009	0,229	FALSE
0,134	0,282	0,006	0,015	0,145	FALSE
0,117	0,281	0,007	0,016	0,184	FALSE
-0,032	0,283	-0,002	0,015	0,057	FALSE
0,082	0,278	0,005	0,015	0,135	FALSE
-0,025	0,284	-0,002	0,016	0,035	FALSE

0,088	0,294	0,004	0,013	0,101	FALSE
-0,100	0,283	-0,006	0,017	0,142	FALSE
0,065	0,280	0,003	0,017	0,054	FALSE
-0,133	0,285	-0,004	0,009	0,165	FALSE
0,229	0,269	0,010	0,015	0,304	FALSE
0,173	0,257	0,004	0,012	0,154	FALSE
0,104	0,278	0,003	0,011	0,108	FALSE
0,046	0,271	0,002	0,016	0,039	FALSE
-0,125	0,275	-0,006	0,015	0,171	FALSE
0,010	0,303	0,000	0,018	0,007	FALSE
0,009	0,275	0,001	0,013	0,036	FALSE
-0,108	0,282	-0,004	0,017	0,077	FALSE
-0,151	0,274	-0,005	0,018	0,113	FALSE
0,008	0,283	0,000	0,015	0,002	FALSE
-0,050	0,300	-0,001	0,010	0,042	FALSE
-0,131	0,275	-0,005	0,011	0,182	FALSE
0,010	0,284	0,000	0,010	0,000	FALSE
-0,080	0,282	-0,005	0,011	0,170	FALSE
0,000	0,281	0,000	0,010	0,012	FALSE
0,097	0,285	0,003	0,009	0,133	FALSE
-0,031	0,293	-0,001	0,017	0,031	FALSE
0,026	0,306	0,001	0,018	0,022	FALSE
0,091	0,275	0,002	0,015	0,044	FALSE
0,031	0,285	0,001	0,013	0,026	FALSE
0,023	0,279	-0,002	0,014	0,055	FALSE
0,101	0,274	0,002	0,012	0,076	FALSE
-0,095	0,277	-0,004	0,014	0,105	FALSE
-0,126	0,286	-0,006	0,012	0,189	FALSE
0,080	0,289	0,003	0,009	0,133	FALSE
-0,152	0,297	-0,008	0,015	0,233	FALSE
0,047	0,286	0,004	0,014	0,093	FALSE
0,005	0,303	0,000	0,018	0,009	FALSE
0,009	0,299	0,002	0,018	0,030	FALSE
-0,028	0,299	-0,002	0,018	0,050	FALSE
0,018	0,299	0,000	0,018	0,004	FALSE
-0,029	0,299	-0,002	0,017	0,032	FALSE
0,051	0,279	0,001	0,010	0,042	FALSE
0,053	0,277	0,003	0,013	0,086	FALSE
-0,006	0,262	-0,002	0,015	0,048	FALSE
0,111	0,283	0,003	0,010	0,122	FALSE
0,179	0,269	0,012	0,016	0,325	FALSE
0,085	0,288	0,004	0,013	0,124	FALSE
-0,033	0,281	0,000	0,014	0,001	FALSE
-0,051	0,291	0,000	0,014	0,009	FALSE
-0,034	0,287	0,000	0,017	0,002	FALSE
-0,005	0,284	-0,001	0,009	0,050	FALSE
0,081	0,288	0,004	0,010	0,137	FALSE
-0,011	0,279	0,001	0,013	0,029	FALSE
-0,038	0,260	0,000	0,012	0,002	FALSE
-0,028	0,288	-0,001	0,015	0,027	FALSE
0,061	0,278	0,003	0,014	0,094	FALSE
0,077	0,282	0,003	0,014	0,086	FALSE
-0,094	0,293	-0,006	0,018	0,128	FALSE

0,064	0,289	0,004	0,018	0,075	FALSE
-0,022	0,283	0,000	0,010	0,001	FALSE
-0,060	0,280	-0,003	0,012	0,084	FALSE
0,090	0,284	0,003	0,009	0,108	FALSE
0,064	0,288	0,004	0,013	0,103	FALSE
-0,130	0,277	-0,007	0,017	0,173	FALSE
-0,089	0,287	-0,003	0,014	0,075	FALSE
0,018	0,285	0,001	0,013	0,023	FALSE
0,070	0,262	0,005	0,016	0,129	FALSE
-0,179	0,279	-0,010	0,014	0,330	FALSE
0,102	0,290	0,006	0,016	0,155	FALSE
0,176	0,255	0,005	0,009	0,209	FALSE
0,257	0,260	0,012	0,015	0,353	FALSE
-0,065	0,280	-0,001	0,008	0,026	FALSE
0,105	0,281	0,002	0,011	0,084	FALSE
0,046	0,274	0,002	0,012	0,072	FALSE
0,087	0,283	0,004	0,011	0,145	FALSE
0,134	0,280	0,009	0,017	0,218	FALSE
0,014	0,282	0,001	0,009	0,023	FALSE
0,074	0,289	0,002	0,012	0,049	FALSE
-0,049	0,275	-0,005	0,014	0,129	FALSE
0,109	0,272	0,003	0,013	0,080	FALSE
0,056	0,277	0,004	0,012	0,148	FALSE
-0,043	0,255	-0,002	0,017	0,050	FALSE
-0,114	0,270	-0,006	0,014	0,180	FALSE
-0,184	0,272	-0,006	0,010	0,285	FALSE
0,081	0,280	0,002	0,009	0,077	FALSE
-0,033	0,286	-0,001	0,016	0,023	FALSE
-0,035	0,276	-0,001	0,018	0,015	FALSE
0,044	0,295	0,003	0,015	0,068	FALSE
0,105	0,267	0,001	0,009	0,056	FALSE
-0,027	0,280	-0,002	0,014	0,055	FALSE
0,133	0,273	0,007	0,013	0,238	FALSE
0,040	0,263	0,001	0,010	0,039	FALSE
0,071	0,271	0,002	0,017	0,053	FALSE
-0,062	0,277	-0,002	0,013	0,049	FALSE
-0,096	0,280	-0,004	0,016	0,102	FALSE
-0,053	0,287	-0,001	0,013	0,030	FALSE
-0,056	0,289	-0,003	0,015	0,073	FALSE
-0,092	0,293	-0,004	0,016	0,093	FALSE
0,063	0,276	0,004	0,013	0,132	FALSE
-0,092	0,293	-0,002	0,009	0,072	FALSE
-0,072	0,282	-0,002	0,009	0,076	FALSE
-0,065	0,290	-0,002	0,009	0,071	FALSE
0,062	0,300	0,003	0,009	0,112	FALSE
-0,168	0,287	-0,007	0,012	0,265	FALSE
-0,252	0,267	-0,014	0,016	0,405	FALSE
0,234	0,263	0,006	0,009	0,329	FALSE
-0,077	0,295	-0,002	0,012	0,073	FALSE
0,015	0,282	0,000	0,011	0,006	FALSE
-0,051	0,282	0,000	0,009	0,001	FALSE
-0,074	0,281	-0,003	0,009	0,120	FALSE
-0,137	0,287	-0,004	0,008	0,176	FALSE

0,123	0,294	0,006	0,015	0,159	FALSE
-0,225	0,274	-0,007	0,008	0,389	FALSE
-0,064	0,289	-0,001	0,010	0,043	FALSE
-0,020	0,290	-0,001	0,012	0,022	FALSE
-0,001	0,281	0,000	0,017	0,010	FALSE
0,008	0,278	-0,001	0,011	0,036	FALSE
0,105	0,280	0,004	0,011	0,161	FALSE
-0,133	0,288	-0,003	0,009	0,141	FALSE
0,220	0,275	0,007	0,010	0,298	FALSE
-0,100	0,276	-0,002	0,012	0,048	FALSE
-0,147	0,278	-0,004	0,011	0,128	FALSE
-0,222	0,278	-0,005	0,009	0,252	FALSE
0,048	0,275	0,004	0,017	0,085	FALSE
-0,040	0,271	-0,003	0,013	0,075	FALSE
0,025	0,291	0,000	0,010	0,008	FALSE
-0,013	0,276	-0,001	0,009	0,029	FALSE
0,138	0,286	0,007	0,014	0,236	FALSE
0,002	0,275	0,000	0,015	0,000	FALSE
-0,014	0,285	-0,003	0,017	0,072	FALSE
-0,221	0,265	-0,015	0,017	0,416	FALSE
-0,204	0,289	-0,006	0,010	0,282	FALSE
-0,124	0,262	-0,007	0,016	0,170	FALSE
-0,034	0,282	-0,001	0,012	0,044	FALSE
0,049	0,267	0,000	0,010	0,015	FALSE
0,122	0,281	0,004	0,010	0,167	FALSE
-0,011	0,283	-0,001	0,011	0,030	FALSE
0,091	0,289	0,004	0,014	0,118	FALSE
-0,131	0,272	-0,005	0,013	0,164	FALSE
-0,049	0,294	-0,001	0,018	0,024	FALSE
-0,127	0,267	-0,010	0,016	0,264	FALSE
-0,077	0,278	-0,002	0,009	0,087	FALSE
0,015	0,282	0,002	0,017	0,043	FALSE
0,049	0,291	0,002	0,012	0,064	FALSE
0,043	0,283	0,003	0,013	0,072	FALSE
-0,026	0,281	-0,002	0,017	0,041	FALSE
-0,075	0,264	-0,002	0,010	0,083	FALSE
-0,326	0,256	-0,017	0,017	0,493	FALSE
-0,056	0,283	-0,001	0,011	0,042	FALSE
-0,070	0,284	-0,004	0,017	0,082	FALSE
0,097	0,292	0,004	0,017	0,086	FALSE
-0,049	0,269	-0,003	0,013	0,078	FALSE
-0,147	0,286	-0,005	0,009	0,233	FALSE
-0,059	0,294	-0,001	0,010	0,040	FALSE
0,066	0,273	0,003	0,012	0,109	FALSE
-0,056	0,281	-0,002	0,014	0,053	FALSE
0,029	0,276	0,003	0,012	0,095	FALSE
0,043	0,272	0,001	0,010	0,030	FALSE
-0,030	0,285	-0,002	0,016	0,036	FALSE
-0,007	0,287	-0,001	0,014	0,013	FALSE
-0,226	0,270	-0,014	0,017	0,403	FALSE
-0,009	0,290	0,001	0,009	0,022	FALSE
0,185	0,277	0,011	0,017	0,297	FALSE
-0,143	0,287	-0,006	0,013	0,189	FALSE

-0,066	0,282	-0,003	0,014	0,075	FALSE
0,229	0,280	0,009	0,013	0,289	FALSE
-0,002	0,278	-0,001	0,009	0,045	FALSE
-0,070	0,272	-0,003	0,011	0,089	FALSE
0,014	0,297	0,001	0,010	0,037	FALSE
0,005	0,290	0,000	0,013	0,007	FALSE
0,031	0,288	0,002	0,014	0,052	FALSE
0,051	0,287	0,002	0,013	0,067	FALSE
-0,046	0,280	-0,001	0,009	0,023	FALSE
0,014	0,271	0,000	0,016	0,008	FALSE
-0,251	0,278	-0,013	0,017	0,363	FALSE
-0,097	0,300	-0,004	0,013	0,115	FALSE
-0,143	0,276	-0,006	0,013	0,204	FALSE
0,052	0,279	0,000	0,014	0,008	FALSE
0,077	0,278	0,000	0,018	0,002	FALSE
0,002	0,287	0,000	0,009	0,005	FALSE
-0,008	0,294	0,001	0,011	0,045	FALSE
0,010	0,272	0,001	0,012	0,020	FALSE
0,083	0,283	0,003	0,017	0,066	FALSE
0,019	0,283	0,001	0,010	0,052	FALSE
-0,039	0,283	0,000	0,009	0,005	FALSE
0,057	0,264	0,004	0,009	0,177	FALSE
-0,010	0,282	0,000	0,011	0,001	FALSE
-0,008	0,269	0,000	0,017	0,007	FALSE
-0,095	0,260	-0,003	0,009	0,138	FALSE
0,151	0,273	0,004	0,010	0,165	FALSE
-0,072	0,277	-0,004	0,014	0,112	FALSE
0,119	0,292	0,005	0,016	0,107	FALSE
0,219	0,267	0,008	0,011	0,335	FALSE
0,111	0,286	0,004	0,012	0,130	FALSE
-0,032	0,286	0,000	0,011	0,006	FALSE
0,043	0,270	0,002	0,009	0,068	FALSE
-0,007	0,280	0,000	0,010	0,002	FALSE
-0,061	0,289	-0,003	0,011	0,109	FALSE
0,027	0,291	0,002	0,016	0,035	FALSE
-0,106	0,298	-0,003	0,009	0,106	FALSE
-0,115	0,288	-0,004	0,010	0,151	FALSE
-0,097	0,284	-0,002	0,012	0,075	FALSE
0,247	0,268	0,008	0,011	0,330	FALSE
-0,073	0,285	-0,003	0,015	0,085	FALSE
-0,034	0,291	-0,001	0,014	0,032	FALSE
-0,118	0,287	-0,007	0,016	0,178	FALSE
0,167	0,276	0,008	0,013	0,260	FALSE
0,013	0,283	0,001	0,009	0,022	FALSE
-0,146	0,283	-0,008	0,016	0,216	FALSE
-0,057	0,277	-0,002	0,014	0,054	FALSE
0,095	0,299	0,003	0,017	0,075	FALSE
-0,129	0,276	-0,002	0,008	0,073	FALSE
0,009	0,276	0,003	0,016	0,063	FALSE
-0,101	0,284	-0,002	0,009	0,072	FALSE
0,102	0,289	0,006	0,013	0,174	FALSE
0,051	0,282	0,002	0,015	0,054	FALSE
0,053	0,290	0,002	0,016	0,053	FALSE

0,010	0,284	-0,001	0,014	0,013	FALSE
0,025	0,279	0,001	0,010	0,026	FALSE
-0,138	0,280	-0,002	0,009	0,105	FALSE
-0,053	0,287	-0,001	0,017	0,022	FALSE
0,019	0,290	0,001	0,013	0,042	FALSE
0,093	0,295	0,001	0,017	0,025	FALSE
-0,035	0,297	-0,002	0,017	0,042	FALSE
-0,031	0,278	-0,003	0,017	0,068	FALSE
0,007	0,282	0,001	0,011	0,048	FALSE
0,002	0,281	0,001	0,015	0,015	FALSE
-0,093	0,269	-0,003	0,016	0,057	FALSE
0,034	0,296	0,002	0,010	0,064	FALSE
-0,053	0,274	-0,002	0,010	0,060	FALSE
0,082	0,276	0,004	0,012	0,115	FALSE
0,058	0,281	0,002	0,011	0,055	FALSE
-0,050	0,266	0,000	0,010	0,016	FALSE
-0,207	0,271	-0,010	0,016	0,285	FALSE
-0,136	0,285	-0,009	0,017	0,235	FALSE
0,170	0,291	0,008	0,013	0,297	FALSE
0,233	0,267	0,014	0,017	0,404	FALSE
0,261	0,281	0,012	0,013	0,445	FALSE
0,042	0,303	0,002	0,017	0,045	FALSE
0,106	0,286	0,003	0,010	0,116	FALSE
-0,047	0,277	0,000	0,009	0,000	FALSE
-0,011	0,273	-0,004	0,015	0,090	FALSE
-0,098	0,301	-0,005	0,015	0,151	FALSE
0,012	0,295	-0,001	0,017	0,013	FALSE
-0,027	0,280	-0,001	0,017	0,023	FALSE
0,057	0,272	0,001	0,017	0,019	FALSE
-0,054	0,280	0,000	0,011	0,003	FALSE
-0,040	0,294	0,001	0,011	0,025	FALSE
0,057	0,285	0,001	0,015	0,031	FALSE
0,043	0,280	0,001	0,014	0,013	FALSE
-0,038	0,277	-0,003	0,010	0,105	FALSE
-0,075	0,270	-0,004	0,010	0,163	FALSE
-0,120	0,291	-0,003	0,009	0,118	FALSE
0,085	0,283	0,002	0,011	0,070	FALSE
-0,113	0,293	-0,006	0,015	0,154	FALSE
-0,149	0,289	-0,008	0,015	0,230	FALSE
-0,151	0,274	-0,008	0,015	0,220	FALSE
0,019	0,272	-0,002	0,017	0,033	FALSE
0,000	0,258	-0,003	0,017	0,063	FALSE
0,010	0,294	0,002	0,010	0,072	FALSE
0,061	0,278	0,001	0,014	0,018	FALSE
0,008	0,279	0,002	0,013	0,055	FALSE
0,011	0,286	0,002	0,015	0,056	FALSE
0,005	0,291	-0,002	0,011	0,080	FALSE
-0,118	0,296	-0,003	0,011	0,086	FALSE
0,070	0,284	0,002	0,017	0,052	FALSE
-0,102	0,291	-0,002	0,010	0,059	FALSE
-0,052	0,264	-0,002	0,008	0,081	FALSE
-0,132	0,282	-0,003	0,010	0,130	FALSE
0,030	0,274	0,002	0,016	0,052	FALSE

0,057	0,280	0,001	0,010	0,030	FALSE
0,137	0,273	0,008	0,017	0,187	FALSE
0,025	0,284	0,000	0,013	0,001	FALSE
-0,176	0,292	-0,005	0,010	0,200	FALSE
-0,105	0,281	-0,008	0,014	0,225	FALSE
-0,076	0,285	-0,003	0,014	0,090	FALSE
-0,155	0,279	-0,010	0,016	0,259	FALSE
-0,091	0,283	-0,006	0,013	0,188	FALSE
-0,004	0,298	0,000	0,015	0,009	FALSE
-0,117	0,272	-0,005	0,015	0,126	FALSE
0,018	0,273	-0,002	0,017	0,049	FALSE
-0,100	0,286	-0,002	0,014	0,060	FALSE
0,071	0,286	0,004	0,016	0,089	FALSE
0,097	0,270	0,006	0,014	0,187	FALSE
0,031	0,274	0,002	0,010	0,095	FALSE
0,026	0,276	0,002	0,009	0,086	FALSE
0,037	0,289	0,003	0,010	0,095	FALSE
0,102	0,267	0,004	0,011	0,136	FALSE
-0,022	0,279	0,001	0,013	0,014	FALSE
0,109	0,288	0,004	0,017	0,093	FALSE
-0,038	0,288	-0,001	0,013	0,039	FALSE
-0,165	0,273	-0,009	0,015	0,289	FALSE
-0,002	0,269	-0,001	0,009	0,049	FALSE
0,041	0,292	0,000	0,018	0,009	FALSE
0,039	0,294	0,000	0,018	0,010	FALSE
0,069	0,280	0,002	0,011	0,064	FALSE
0,121	0,289	0,004	0,012	0,123	FALSE
-0,010	0,288	0,000	0,011	0,007	FALSE
-0,001	0,273	-0,001	0,014	0,033	FALSE
0,011	0,289	0,001	0,012	0,037	FALSE
0,004	0,283	0,000	0,017	0,000	FALSE
-0,042	0,268	0,000	0,010	0,017	FALSE
0,115	0,277	0,003	0,009	0,116	FALSE
0,011	0,297	-0,002	0,013	0,063	FALSE
-0,058	0,296	-0,002	0,018	0,032	FALSE
-0,053	0,267	-0,001	0,017	0,019	FALSE
0,076	0,279	0,002	0,017	0,044	FALSE
0,084	0,290	0,002	0,017	0,047	FALSE
0,082	0,289	0,004	0,015	0,101	FALSE
-0,131	0,289	-0,004	0,016	0,100	FALSE
-0,113	0,276	-0,002	0,016	0,044	FALSE
0,092	0,283	0,003	0,014	0,067	FALSE
0,149	0,288	0,006	0,018	0,146	FALSE
0,117	0,284	0,005	0,015	0,119	FALSE
0,111	0,297	0,004	0,015	0,109	FALSE
-0,094	0,273	-0,004	0,017	0,081	FALSE
0,128	0,278	0,005	0,010	0,194	FALSE
-0,146	0,273	-0,004	0,010	0,182	FALSE
-0,056	0,284	-0,002	0,011	0,053	FALSE
0,099	0,277	0,002	0,010	0,064	FALSE
-0,101	0,293	-0,004	0,011	0,146	FALSE
-0,190	0,285	-0,007	0,012	0,267	FALSE
-0,183	0,282	-0,006	0,011	0,252	FALSE

-0,158	0,290	-0,008	0,014	0,236	FALSE
0,071	0,281	0,004	0,014	0,130	FALSE
0,035	0,293	0,001	0,009	0,051	FALSE
0,160	0,290	0,007	0,017	0,161	FALSE
0,126	0,294	0,004	0,009	0,157	FALSE
-0,045	0,294	-0,002	0,014	0,049	FALSE
-0,145	0,288	-0,007	0,017	0,176	FALSE
-0,089	0,283	-0,003	0,014	0,087	FALSE
-0,232	0,267	-0,006	0,008	0,344	FALSE
0,226	0,276	0,006	0,009	0,303	FALSE
-0,048	0,288	-0,001	0,010	0,021	FALSE
-0,139	0,283	-0,006	0,014	0,170	FALSE
0,023	0,308	0,001	0,014	0,038	FALSE
-0,015	0,291	0,000	0,010	0,009	FALSE
0,253	0,275	0,013	0,015	0,419	FALSE
0,240	0,282	0,012	0,015	0,354	FALSE
-0,091	0,292	-0,001	0,009	0,049	FALSE
-0,178	0,281	-0,007	0,013	0,221	FALSE
-0,120	0,285	-0,003	0,010	0,097	FALSE
0,151	0,277	0,006	0,012	0,190	FALSE
-0,201	0,281	-0,007	0,012	0,246	FALSE
-0,035	0,279	-0,003	0,010	0,136	FALSE
0,162	0,258	0,007	0,016	0,173	FALSE
0,042	0,290	0,002	0,009	0,064	FALSE
0,092	0,265	0,003	0,017	0,063	FALSE
0,196	0,276	0,007	0,010	0,339	FALSE
0,104	0,279	0,003	0,009	0,120	FALSE
0,087	0,287	0,002	0,010	0,082	FALSE
0,004	0,274	0,001	0,010	0,039	FALSE
0,027	0,260	0,000	0,016	0,008	FALSE
-0,013	0,283	-0,002	0,010	0,072	FALSE
-0,018	0,286	0,000	0,013	0,008	FALSE
0,017	0,296	0,003	0,017	0,070	FALSE
0,192	0,268	0,007	0,012	0,251	FALSE
0,048	0,279	0,002	0,017	0,047	FALSE
0,148	0,266	0,005	0,011	0,170	FALSE
0,170	0,269	0,006	0,012	0,210	FALSE
-0,079	0,289	-0,003	0,010	0,104	FALSE
-0,035	0,287	-0,004	0,013	0,114	FALSE
0,093	0,301	0,006	0,016	0,168	FALSE
-0,058	0,278	-0,001	0,009	0,051	FALSE
-0,014	0,276	-0,001	0,010	0,020	FALSE
0,019	0,291	0,000	0,009	0,001	FALSE
-0,179	0,283	-0,005	0,010	0,208	FALSE
0,058	0,291	0,003	0,015	0,087	FALSE
0,060	0,293	0,002	0,010	0,087	FALSE
0,113	0,274	0,004	0,013	0,130	FALSE
-0,200	0,286	-0,008	0,013	0,268	FALSE
0,051	0,280	0,002	0,012	0,066	FALSE
-0,267	0,278	-0,008	0,009	0,415	FALSE
-0,062	0,286	-0,003	0,010	0,109	FALSE
0,039	0,285	0,001	0,009	0,058	FALSE
-0,003	0,275	-0,001	0,011	0,024	FALSE

0,100	0,285	0,004	0,018	0,088	FALSE
0,066	0,280	0,002	0,017	0,054	FALSE
-0,024	0,282	0,001	0,012	0,019	FALSE
-0,172	0,278	-0,009	0,017	0,224	FALSE
-0,087	0,283	-0,005	0,012	0,157	FALSE
-0,090	0,283	-0,005	0,012	0,165	FALSE
0,085	0,288	0,004	0,017	0,098	FALSE
0,080	0,295	0,005	0,018	0,099	FALSE
0,099	0,287	0,005	0,017	0,105	FALSE
-0,083	0,288	-0,005	0,017	0,115	FALSE
0,031	0,299	0,002	0,018	0,036	FALSE
0,062	0,294	0,003	0,011	0,112	FALSE
-0,081	0,280	-0,004	0,015	0,092	FALSE
0,084	0,280	0,003	0,015	0,086	FALSE
-0,078	0,293	-0,002	0,017	0,042	FALSE
0,061	0,283	0,001	0,017	0,015	FALSE
0,109	0,270	0,005	0,010	0,222	FALSE
-0,031	0,293	-0,001	0,017	0,018	FALSE
-0,085	0,285	-0,003	0,018	0,072	FALSE
-0,043	0,288	-0,001	0,017	0,019	FALSE
0,057	0,276	0,002	0,016	0,050	FALSE
-0,132	0,284	-0,003	0,010	0,134	FALSE
-0,060	0,274	0,000	0,014	0,008	FALSE
0,041	0,284	0,002	0,014	0,049	FALSE
-0,169	0,272	-0,005	0,011	0,194	FALSE
-0,047	0,296	-0,002	0,012	0,054	FALSE
0,066	0,286	0,004	0,015	0,119	FALSE
0,080	0,281	0,001	0,012	0,043	FALSE
0,018	0,293	0,001	0,011	0,025	FALSE
0,099	0,270	0,005	0,009	0,217	FALSE
0,046	0,272	0,001	0,009	0,026	FALSE
-0,059	0,285	-0,003	0,011	0,106	FALSE
-0,174	0,281	-0,010	0,014	0,330	FALSE
0,241	0,253	0,011	0,013	0,438	FALSE
-0,063	0,268	-0,005	0,017	0,126	FALSE
0,021	0,264	-0,001	0,015	0,019	FALSE
-0,091	0,282	-0,007	0,015	0,173	FALSE
0,082	0,280	0,002	0,009	0,087	FALSE
0,016	0,265	-0,002	0,017	0,036	FALSE
0,059	0,286	0,002	0,009	0,086	FALSE
-0,013	0,279	0,000	0,010	0,008	FALSE
-0,023	0,275	0,000	0,010	0,014	FALSE
0,078	0,286	0,002	0,012	0,063	FALSE
-0,170	0,279	-0,006	0,012	0,210	FALSE
-0,146	0,290	-0,007	0,017	0,165	FALSE
-0,127	0,281	-0,005	0,009	0,201	FALSE
-0,087	0,278	-0,005	0,018	0,114	FALSE
0,124	0,272	0,006	0,013	0,180	FALSE
-0,080	0,277	-0,003	0,012	0,091	FALSE
-0,036	0,269	-0,004	0,016	0,100	FALSE
-0,065	0,257	-0,002	0,008	0,098	FALSE
-0,112	0,267	-0,004	0,009	0,191	FALSE
-0,141	0,281	-0,004	0,010	0,175	FALSE

0,073	0,267	0,002	0,009	0,063	FALSE
-0,063	0,298	-0,004	0,011	0,120	FALSE
-0,005	0,279	-0,002	0,017	0,047	FALSE
-0,025	0,292	-0,001	0,011	0,049	FALSE
-0,162	0,289	-0,006	0,015	0,167	FALSE
-0,045	0,295	-0,003	0,015	0,071	FALSE
-0,025	0,287	-0,002	0,014	0,044	FALSE
0,061	0,285	0,001	0,013	0,028	FALSE
-0,166	0,279	-0,009	0,018	0,220	FALSE
0,149	0,272	0,007	0,016	0,189	FALSE
-0,130	0,272	-0,007	0,013	0,231	FALSE
-0,066	0,281	-0,004	0,012	0,153	FALSE
-0,087	0,281	-0,005	0,014	0,153	FALSE
0,008	0,287	-0,002	0,014	0,040	FALSE
0,119	0,275	0,005	0,012	0,175	FALSE
-0,136	0,280	-0,005	0,010	0,211	FALSE
0,066	0,288	0,003	0,017	0,064	FALSE
0,184	0,276	0,006	0,012	0,203	FALSE
-0,016	0,300	-0,001	0,010	0,032	FALSE
-0,033	0,294	-0,001	0,017	0,027	FALSE
-0,053	0,282	-0,004	0,014	0,112	FALSE
0,145	0,285	0,005	0,010	0,177	FALSE
0,153	0,278	0,007	0,017	0,171	FALSE
0,099	0,282	0,005	0,017	0,101	FALSE
0,087	0,285	0,002	0,011	0,073	FALSE
0,075	0,280	0,004	0,009	0,157	FALSE
-0,010	0,280	0,002	0,015	0,046	FALSE
-0,050	0,288	-0,001	0,015	0,019	FALSE
-0,159	0,289	-0,005	0,011	0,181	FALSE
0,078	0,283	0,003	0,010	0,108	FALSE
0,036	0,296	0,001	0,009	0,050	FALSE
0,030	0,288	0,001	0,015	0,034	FALSE
-0,187	0,274	-0,006	0,015	0,169	FALSE
0,014	0,278	0,002	0,011	0,054	FALSE
-0,142	0,271	-0,005	0,011	0,164	FALSE
-0,060	0,280	-0,002	0,016	0,048	FALSE
0,010	0,283	0,002	0,016	0,040	FALSE
0,024	0,278	0,000	0,011	0,001	FALSE
0,042	0,288	0,001	0,014	0,029	FALSE
-0,170	0,264	-0,005	0,009	0,222	FALSE
-0,011	0,284	-0,001	0,017	0,019	FALSE
-0,101	0,268	-0,004	0,010	0,182	FALSE
0,011	0,290	0,002	0,009	0,095	FALSE
0,010	0,296	0,001	0,017	0,016	FALSE
0,011	0,264	0,000	0,013	0,010	FALSE
0,092	0,278	0,003	0,011	0,092	FALSE
0,145	0,274	0,003	0,011	0,116	FALSE
-0,101	0,286	-0,004	0,010	0,172	FALSE
0,021	0,289	0,001	0,010	0,021	FALSE
0,091	0,281	0,002	0,016	0,036	FALSE
0,153	0,280	0,005	0,016	0,126	FALSE
0,154	0,284	0,006	0,016	0,136	FALSE
-0,033	0,286	-0,003	0,016	0,063	FALSE

-0,053	0,298	-0,003	0,017	0,063	FALSE
-0,059	0,277	-0,001	0,012	0,020	FALSE
-0,067	0,273	0,000	0,013	0,008	FALSE
0,000	0,299	0,000	0,016	0,003	FALSE
-0,090	0,280	-0,003	0,010	0,096	FALSE
0,088	0,294	0,002	0,013	0,067	FALSE
-0,058	0,289	-0,001	0,013	0,034	FALSE
-0,046	0,292	-0,002	0,011	0,077	FALSE
-0,177	0,285	-0,007	0,013	0,253	FALSE
0,224	0,255	0,009	0,013	0,324	FALSE
-0,028	0,276	0,001	0,010	0,030	FALSE
0,108	0,266	0,004	0,011	0,162	FALSE
-0,015	0,280	0,001	0,016	0,024	FALSE
0,075	0,280	0,003	0,009	0,107	FALSE
0,176	0,269	0,011	0,018	0,276	FALSE
-0,083	0,278	0,000	0,013	0,011	FALSE
0,006	0,287	0,001	0,010	0,038	FALSE
-0,114	0,282	-0,004	0,011	0,158	FALSE
-0,029	0,292	-0,001	0,013	0,017	FALSE
0,000	0,288	-0,002	0,014	0,047	FALSE
-0,024	0,284	-0,001	0,014	0,032	FALSE
-0,155	0,284	-0,007	0,011	0,295	FALSE
-0,151	0,266	-0,006	0,010	0,277	FALSE
0,036	0,272	0,002	0,016	0,039	FALSE
0,005	0,283	-0,001	0,016	0,033	FALSE
0,014	0,278	0,002	0,009	0,072	FALSE
-0,088	0,275	-0,005	0,014	0,124	FALSE
0,053	0,290	0,003	0,016	0,061	FALSE
0,099	0,276	0,004	0,010	0,136	FALSE
0,130	0,285	0,005	0,012	0,181	FALSE
0,125	0,289	0,005	0,012	0,150	FALSE
-0,076	0,289	-0,003	0,008	0,122	FALSE
0,130	0,277	0,011	0,017	0,275	FALSE
0,096	0,290	0,008	0,018	0,180	FALSE
-0,041	0,274	-0,002	0,008	0,076	FALSE
-0,174	0,286	-0,008	0,013	0,268	FALSE
0,198	0,281	0,012	0,017	0,325	FALSE
-0,213	0,271	-0,009	0,014	0,314	FALSE
0,084	0,280	0,004	0,015	0,088	FALSE
0,014	0,272	0,002	0,018	0,040	FALSE
0,122	0,269	0,010	0,017	0,270	FALSE
-0,166	0,286	-0,008	0,013	0,254	FALSE
-0,223	0,270	-0,010	0,012	0,399	FALSE
-0,078	0,280	-0,005	0,017	0,110	FALSE
-0,071	0,288	-0,001	0,012	0,019	FALSE
-0,030	0,293	0,000	0,016	0,009	FALSE
0,073	0,287	0,003	0,015	0,077	FALSE
-0,052	0,270	-0,002	0,011	0,055	FALSE
0,058	0,274	0,003	0,011	0,110	FALSE
0,116	0,275	0,005	0,012	0,187	FALSE
0,044	0,265	-0,002	0,015	0,037	FALSE
-0,108	0,271	-0,003	0,010	0,127	FALSE
-0,066	0,289	-0,002	0,015	0,041	FALSE

-0,023	0,292	0,002	0,018	0,036	FALSE
-0,054	0,271	-0,002	0,014	0,062	FALSE
-0,057	0,287	-0,003	0,015	0,067	FALSE
-0,026	0,288	-0,002	0,017	0,049	FALSE
0,049	0,298	0,002	0,011	0,075	FALSE
-0,060	0,301	-0,002	0,010	0,069	FALSE
0,241	0,284	0,008	0,011	0,350	FALSE
0,194	0,287	0,007	0,009	0,374	FALSE
0,010	0,266	0,001	0,009	0,021	FALSE
0,249	0,274	0,012	0,015	0,377	FALSE
-0,049	0,292	-0,002	0,010	0,086	FALSE
-0,202	0,291	-0,006	0,010	0,268	FALSE
-0,201	0,290	-0,006	0,010	0,261	FALSE
0,040	0,275	0,001	0,012	0,024	FALSE
-0,139	0,288	-0,005	0,011	0,209	FALSE
0,025	0,284	0,001	0,012	0,043	FALSE
-0,001	0,265	0,000	0,018	0,008	FALSE
0,010	0,288	0,000	0,009	0,000	FALSE
-0,015	0,279	0,000	0,016	0,007	FALSE
-0,047	0,302	-0,001	0,014	0,034	FALSE
-0,037	0,288	-0,001	0,013	0,020	FALSE
-0,201	0,274	-0,007	0,012	0,256	FALSE
-0,115	0,279	-0,006	0,015	0,166	FALSE
0,109	0,273	0,004	0,008	0,178	FALSE
0,073	0,273	0,003	0,012	0,095	FALSE
-0,074	0,288	-0,003	0,011	0,110	FALSE
-0,092	0,294	-0,003	0,015	0,073	FALSE
-0,067	0,284	-0,002	0,010	0,077	FALSE
-0,138	0,291	-0,004	0,011	0,128	FALSE
-0,053	0,284	-0,004	0,017	0,084	FALSE
0,172	0,289	0,010	0,017	0,246	FALSE
0,087	0,285	0,006	0,017	0,129	FALSE
0,198	0,278	0,008	0,012	0,304	FALSE
0,260	0,280	0,012	0,012	0,508	FALSE
-0,056	0,280	-0,003	0,013	0,085	FALSE
0,298	0,272	0,008	0,009	0,449	FALSE
-0,011	0,289	0,001	0,010	0,050	FALSE
-0,097	0,278	-0,002	0,011	0,084	FALSE
-0,082	0,262	-0,007	0,016	0,166	FALSE
-0,051	0,278	0,000	0,014	0,004	FALSE
-0,084	0,289	-0,001	0,009	0,043	FALSE
0,025	0,295	0,004	0,015	0,089	FALSE
-0,008	0,286	0,002	0,015	0,048	FALSE
0,054	0,287	0,004	0,014	0,097	FALSE
-0,101	0,286	-0,005	0,013	0,156	FALSE
0,047	0,277	0,004	0,016	0,092	FALSE
-0,051	0,285	-0,003	0,017	0,059	FALSE
0,024	0,289	0,003	0,016	0,082	FALSE
-0,072	0,291	-0,004	0,013	0,108	FALSE
-0,002	0,282	0,002	0,014	0,064	FALSE
0,159	0,289	0,006	0,013	0,188	FALSE
-0,100	0,288	-0,002	0,010	0,076	FALSE
-0,145	0,272	-0,010	0,015	0,290	FALSE

0,072	0,281	0,004	0,017	0,098	FALSE
-0,022	0,279	-0,002	0,010	0,094	FALSE
-0,003	0,287	0,001	0,015	0,022	FALSE
0,077	0,281	0,002	0,011	0,077	FALSE
-0,036	0,283	-0,001	0,014	0,036	FALSE
0,128	0,291	0,007	0,017	0,172	FALSE
0,012	0,290	0,000	0,009	0,016	FALSE
-0,155	0,280	-0,007	0,017	0,165	FALSE
0,211	0,277	0,013	0,018	0,333	FALSE
-0,238	0,283	-0,014	0,018	0,356	FALSE
-0,042	0,281	0,001	0,014	0,037	FALSE
-0,111	0,282	-0,002	0,009	0,088	FALSE
-0,048	0,285	-0,002	0,015	0,060	FALSE
0,077	0,273	0,002	0,012	0,056	FALSE
-0,068	0,291	-0,005	0,017	0,111	FALSE
-0,144	0,275	-0,006	0,015	0,150	FALSE
-0,060	0,299	-0,002	0,017	0,037	FALSE
0,108	0,289	0,006	0,012	0,203	FALSE
-0,085	0,286	-0,002	0,010	0,100	FALSE
-0,036	0,288	0,001	0,010	0,051	FALSE
-0,052	0,286	0,001	0,010	0,034	FALSE
-0,039	0,272	-0,002	0,014	0,056	FALSE
0,274	0,263	0,015	0,017	0,420	FALSE
0,009	0,296	0,001	0,017	0,014	FALSE
0,032	0,284	0,001	0,009	0,054	FALSE
-0,034	0,273	-0,002	0,012	0,073	FALSE
-0,129	0,294	-0,006	0,017	0,148	FALSE
0,046	0,273	0,002	0,010	0,100	FALSE
-0,008	0,275	-0,001	0,016	0,035	FALSE
-0,068	0,292	-0,004	0,016	0,092	FALSE
0,084	0,280	0,003	0,010	0,109	FALSE
-0,042	0,289	-0,002	0,011	0,069	FALSE
-0,121	0,280	-0,009	0,016	0,242	FALSE
-0,012	0,293	0,002	0,011	0,074	FALSE
0,124	0,266	0,012	0,017	0,317	FALSE
-0,112	0,273	-0,005	0,017	0,124	FALSE
0,081	0,290	0,004	0,013	0,106	FALSE
0,010	0,286	0,000	0,010	0,002	FALSE
0,084	0,302	0,004	0,013	0,122	FALSE
-0,094	0,282	-0,004	0,010	0,138	FALSE
-0,114	0,284	-0,007	0,017	0,156	FALSE
0,025	0,281	0,001	0,011	0,021	FALSE
0,061	0,280	0,002	0,017	0,044	FALSE
0,063	0,280	0,002	0,016	0,056	FALSE
0,034	0,296	0,002	0,016	0,046	FALSE
-0,018	0,284	-0,001	0,016	0,019	FALSE
0,071	0,293	0,003	0,017	0,061	FALSE
-0,062	0,278	-0,002	0,015	0,040	FALSE
-0,004	0,285	0,001	0,015	0,012	FALSE
-0,111	0,276	-0,004	0,012	0,115	FALSE
0,130	0,277	0,004	0,014	0,095	FALSE
0,017	0,278	-0,002	0,014	0,046	FALSE
0,036	0,279	-0,002	0,014	0,042	FALSE

-0,100	0,283	-0,006	0,013	0,179	FALSE
0,004	0,298	0,000	0,010	0,004	FALSE
-0,015	0,281	0,000	0,009	0,000	FALSE
-0,059	0,276	0,001	0,012	0,016	FALSE
-0,095	0,295	-0,004	0,010	0,143	FALSE
0,040	0,288	0,001	0,012	0,031	FALSE
0,076	0,286	0,003	0,015	0,082	FALSE
0,134	0,268	0,003	0,011	0,108	FALSE
0,145	0,264	0,005	0,015	0,121	FALSE
-0,031	0,285	0,000	0,008	0,014	FALSE
0,063	0,275	0,001	0,013	0,022	FALSE
0,025	0,281	0,003	0,015	0,074	FALSE
-0,096	0,283	-0,004	0,011	0,135	FALSE
-0,109	0,280	-0,004	0,011	0,158	FALSE
-0,071	0,273	-0,003	0,011	0,098	FALSE
0,135	0,283	0,004	0,013	0,107	FALSE
-0,125	0,274	-0,004	0,016	0,092	FALSE
-0,062	0,283	-0,005	0,015	0,130	FALSE
0,094	0,296	0,005	0,017	0,118	FALSE
0,048	0,310	0,003	0,018	0,074	FALSE
-0,045	0,286	-0,003	0,014	0,078	FALSE
0,008	0,299	0,000	0,009	0,005	FALSE
-0,114	0,290	-0,004	0,009	0,184	FALSE
-0,152	0,281	-0,006	0,010	0,272	FALSE
-0,079	0,292	-0,002	0,010	0,077	FALSE
-0,126	0,267	-0,007	0,013	0,236	FALSE
0,134	0,284	0,004	0,009	0,154	FALSE
0,148	0,272	0,005	0,009	0,257	FALSE
0,073	0,288	0,002	0,011	0,051	FALSE
-0,037	0,274	0,000	0,012	0,003	FALSE
0,059	0,285	0,003	0,014	0,073	FALSE
0,051	0,293	0,003	0,017	0,062	FALSE
0,052	0,285	0,002	0,015	0,058	FALSE
0,021	0,288	0,001	0,011	0,023	FALSE
-0,076	0,270	-0,004	0,012	0,122	FALSE
-0,292	0,272	-0,016	0,017	0,473	FALSE
-0,214	0,264	-0,010	0,014	0,318	FALSE
-0,128	0,289	-0,005	0,012	0,157	FALSE
-0,205	0,276	-0,010	0,015	0,292	FALSE
-0,104	0,276	-0,006	0,014	0,167	FALSE
-0,089	0,279	-0,005	0,013	0,135	FALSE
-0,132	0,282	-0,007	0,014	0,190	FALSE
-0,021	0,281	-0,002	0,011	0,053	FALSE
0,017	0,301	0,000	0,011	0,008	FALSE
0,011	0,291	0,000	0,011	0,002	FALSE
-0,077	0,289	-0,002	0,015	0,047	FALSE
-0,130	0,281	-0,005	0,015	0,121	FALSE
-0,017	0,282	-0,002	0,017	0,043	FALSE
0,122	0,272	0,006	0,017	0,127	FALSE
0,008	0,282	0,000	0,009	0,002	FALSE
0,158	0,289	0,009	0,018	0,224	FALSE
-0,062	0,293	-0,005	0,018	0,103	FALSE
-0,062	0,294	-0,003	0,013	0,078	FALSE

0,064	0,288	0,003	0,012	0,100	FALSE
-0,027	0,281	-0,002	0,012	0,076	FALSE
-0,114	0,273	-0,009	0,014	0,259	FALSE
0,103	0,287	0,004	0,011	0,143	FALSE
-0,106	0,281	-0,006	0,016	0,136	FALSE
0,095	0,281	0,002	0,014	0,057	FALSE
0,057	0,265	0,004	0,016	0,103	FALSE
-0,099	0,282	-0,003	0,011	0,109	FALSE
0,018	0,282	0,002	0,016	0,053	FALSE
0,010	0,283	0,001	0,011	0,024	FALSE
0,083	0,280	0,003	0,009	0,127	FALSE
0,302	0,250	0,016	0,015	0,566	FALSE
0,212	0,274	0,007	0,008	0,375	FALSE
0,178	0,266	0,006	0,008	0,303	FALSE
0,187	0,260	0,006	0,008	0,325	FALSE
0,004	0,272	0,001	0,013	0,022	FALSE
-0,129	0,283	-0,004	0,009	0,192	FALSE
0,154	0,273	0,005	0,009	0,229	FALSE
-0,054	0,278	-0,001	0,010	0,034	FALSE
-0,022	0,301	0,001	0,013	0,021	FALSE
0,199	0,288	0,007	0,012	0,234	FALSE
0,043	0,276	0,002	0,017	0,039	FALSE
-0,039	0,281	-0,002	0,009	0,104	FALSE
-0,033	0,297	-0,003	0,016	0,063	FALSE
-0,175	0,280	-0,005	0,013	0,157	FALSE
-0,041	0,294	-0,001	0,012	0,036	FALSE
-0,171	0,272	-0,006	0,010	0,279	FALSE
-0,009	0,297	0,001	0,017	0,019	FALSE
-0,013	0,289	-0,003	0,018	0,053	FALSE
0,050	0,289	0,005	0,018	0,096	FALSE
0,031	0,280	0,003	0,017	0,060	FALSE
0,245	0,266	0,008	0,010	0,378	FALSE
0,003	0,277	0,000	0,008	0,009	FALSE
0,101	0,277	0,005	0,014	0,129	FALSE
0,136	0,276	0,006	0,014	0,160	FALSE
0,057	0,294	0,003	0,009	0,148	FALSE
-0,161	0,275	-0,008	0,015	0,216	FALSE
0,113	0,280	0,004	0,009	0,169	FALSE
-0,154	0,285	-0,009	0,016	0,234	FALSE
0,117	0,282	0,004	0,011	0,160	FALSE
0,079	0,288	0,004	0,018	0,085	FALSE
-0,072	0,283	-0,002	0,011	0,055	FALSE
0,172	0,276	0,009	0,016	0,250	FALSE
0,176	0,271	0,009	0,015	0,264	FALSE
0,141	0,262	0,006	0,015	0,166	FALSE
0,181	0,263	0,009	0,016	0,234	FALSE
0,168	0,261	0,007	0,016	0,179	FALSE
0,015	0,284	0,000	0,008	0,008	FALSE
-0,054	0,288	-0,002	0,017	0,040	FALSE
0,199	0,271	0,009	0,017	0,225	FALSE
-0,116	0,291	-0,005	0,014	0,152	FALSE
0,229	0,268	0,011	0,017	0,302	FALSE
0,236	0,286	0,011	0,017	0,299	FALSE

0,107	0,283	0,004	0,014	0,103	FALSE
-0,063	0,283	-0,002	0,015	0,044	FALSE
0,134	0,286	0,009	0,018	0,218	FALSE
-0,050	0,288	-0,001	0,012	0,028	FALSE
0,101	0,276	0,007	0,014	0,216	FALSE
0,047	0,286	0,002	0,011	0,080	FALSE
0,159	0,277	0,009	0,015	0,242	FALSE
-0,052	0,295	-0,001	0,011	0,038	FALSE
0,166	0,286	0,008	0,015	0,238	FALSE
0,135	0,277	0,007	0,015	0,201	FALSE
0,059	0,289	0,004	0,013	0,107	FALSE
-0,089	0,271	-0,003	0,012	0,092	FALSE
-0,072	0,280	-0,002	0,013	0,070	FALSE
-0,048	0,300	-0,001	0,015	0,014	FALSE
-0,086	0,274	-0,002	0,008	0,092	FALSE
0,058	0,278	0,002	0,016	0,040	FALSE
-0,204	0,276	-0,010	0,013	0,350	FALSE
-0,076	0,289	-0,003	0,009	0,110	FALSE
-0,049	0,273	-0,002	0,009	0,065	FALSE
0,133	0,274	0,003	0,009	0,138	FALSE
-0,050	0,290	-0,002	0,008	0,082	FALSE
-0,102	0,291	-0,003	0,010	0,098	FALSE
-0,044	0,293	-0,001	0,009	0,026	FALSE
-0,030	0,266	-0,002	0,014	0,049	FALSE
0,098	0,289	0,004	0,009	0,158	FALSE
-0,184	0,272	-0,008	0,014	0,242	FALSE
-0,008	0,283	0,000	0,011	0,009	FALSE
0,015	0,283	0,001	0,010	0,046	FALSE
0,012	0,277	0,003	0,014	0,069	FALSE
0,108	0,269	0,003	0,014	0,088	FALSE
0,033	0,293	0,001	0,017	0,023	FALSE
-0,028	0,284	-0,001	0,011	0,050	FALSE
0,074	0,281	0,002	0,012	0,065	FALSE
-0,097	0,280	-0,001	0,014	0,025	FALSE
0,128	0,278	0,005	0,013	0,154	FALSE
-0,081	0,288	0,000	0,014	0,010	FALSE
-0,042	0,275	-0,002	0,014	0,056	FALSE
-0,042	0,275	0,001	0,011	0,043	FALSE
0,001	0,283	-0,001	0,011	0,017	FALSE
0,117	0,282	0,003	0,010	0,098	FALSE
-0,024	0,287	-0,001	0,009	0,024	FALSE
-0,009	0,271	0,000	0,010	0,014	FALSE
-0,014	0,279	-0,002	0,015	0,049	FALSE
-0,173	0,288	-0,006	0,010	0,263	FALSE
0,078	0,292	0,002	0,014	0,051	FALSE
-0,088	0,279	-0,005	0,016	0,108	FALSE
0,139	0,280	0,009	0,017	0,210	FALSE
-0,064	0,283	-0,002	0,011	0,077	FALSE
0,114	0,265	0,002	0,012	0,080	FALSE
0,008	0,274	0,001	0,010	0,052	FALSE
0,021	0,286	0,000	0,009	0,008	FALSE
-0,082	0,281	-0,003	0,012	0,111	FALSE
-0,092	0,287	-0,003	0,009	0,134	FALSE

0,005	0,285	0,000	0,012	0,010	FALSE
0,031	0,265	0,001	0,017	0,024	FALSE
0,183	0,266	0,005	0,009	0,273	FALSE
0,000	0,267	-0,001	0,011	0,035	FALSE
0,309	0,233	0,017	0,016	0,570	FALSE
-0,026	0,268	0,000	0,016	0,007	FALSE
0,037	0,297	0,000	0,018	0,007	FALSE
0,087	0,275	0,004	0,012	0,154	FALSE
0,005	0,285	-0,002	0,014	0,039	FALSE
-0,236	0,274	-0,010	0,014	0,304	FALSE
-0,126	0,285	-0,002	0,009	0,093	FALSE
0,174	0,265	0,009	0,016	0,237	FALSE
-0,068	0,281	-0,002	0,010	0,077	FALSE
0,111	0,285	0,004	0,011	0,140	FALSE
0,051	0,288	0,001	0,011	0,027	FALSE
-0,054	0,285	-0,002	0,010	0,066	FALSE
-0,018	0,290	0,001	0,016	0,016	FALSE
0,140	0,291	0,006	0,011	0,224	FALSE
0,026	0,275	0,000	0,012	0,009	FALSE
-0,026	0,292	0,000	0,010	0,002	FALSE
0,011	0,286	0,001	0,014	0,022	FALSE
0,081	0,286	0,005	0,015	0,138	FALSE
-0,039	0,290	-0,001	0,010	0,018	FALSE
-0,010	0,278	-0,001	0,014	0,033	FALSE
-0,093	0,267	-0,004	0,010	0,154	FALSE
0,069	0,270	0,002	0,010	0,079	FALSE
-0,035	0,296	-0,001	0,010	0,045	FALSE
-0,239	0,290	-0,008	0,011	0,334	FALSE
0,063	0,279	0,002	0,008	0,088	FALSE
-0,095	0,279	-0,002	0,013	0,065	FALSE
0,236	0,282	0,009	0,012	0,339	FALSE
0,041	0,294	0,001	0,011	0,031	FALSE
0,109	0,288	0,006	0,015	0,168	FALSE
-0,140	0,276	-0,006	0,014	0,176	FALSE
-0,012	0,296	0,000	0,010	0,008	FALSE
-0,039	0,270	-0,004	0,016	0,106	FALSE
0,113	0,275	0,002	0,011	0,065	FALSE
0,115	0,275	0,002	0,010	0,085	FALSE
0,055	0,278	0,002	0,012	0,061	FALSE
-0,099	0,272	-0,002	0,008	0,092	FALSE
-0,098	0,291	-0,002	0,012	0,062	FALSE
0,006	0,287	-0,001	0,017	0,017	FALSE
-0,019	0,275	-0,001	0,012	0,021	FALSE
-0,053	0,286	-0,004	0,016	0,098	FALSE
0,078	0,259	0,001	0,014	0,020	FALSE
0,143	0,275	0,010	0,015	0,299	FALSE
0,006	0,293	0,000	0,013	0,001	FALSE
0,120	0,271	0,004	0,015	0,095	FALSE
0,068	0,283	0,001	0,009	0,043	FALSE
0,128	0,267	0,002	0,008	0,099	FALSE
-0,079	0,267	-0,001	0,011	0,046	FALSE
-0,141	0,292	-0,003	0,010	0,135	FALSE
0,041	0,282	0,004	0,015	0,101	FALSE

-0,117	0,281	-0,003	0,010	0,105	FALSE
-0,161	0,268	-0,009	0,012	0,336	FALSE
0,013	0,268	0,002	0,012	0,047	FALSE
-0,247	0,267	-0,011	0,012	0,425	FALSE
-0,030	0,273	-0,002	0,016	0,051	FALSE
-0,079	0,286	-0,003	0,013	0,080	FALSE
-0,110	0,285	-0,006	0,014	0,156	FALSE
-0,017	0,286	-0,002	0,011	0,051	FALSE
-0,005	0,280	-0,001	0,011	0,047	FALSE
-0,008	0,262	0,000	0,017	0,009	FALSE
-0,057	0,281	-0,007	0,017	0,170	FALSE
0,160	0,292	0,007	0,012	0,271	FALSE
0,075	0,279	0,005	0,012	0,161	FALSE
0,025	0,279	0,002	0,017	0,034	FALSE
-0,047	0,280	0,000	0,013	0,005	FALSE
-0,022	0,280	-0,001	0,010	0,033	FALSE
0,161	0,287	0,005	0,009	0,235	FALSE
-0,133	0,278	-0,003	0,010	0,130	FALSE
0,047	0,297	0,002	0,010	0,074	FALSE
0,106	0,263	0,005	0,013	0,140	FALSE
0,023	0,283	-0,001	0,017	0,012	FALSE
-0,017	0,282	0,000	0,011	0,000	FALSE
-0,012	0,289	-0,002	0,015	0,043	FALSE
0,056	0,289	0,000	0,017	0,003	FALSE
0,080	0,279	0,002	0,008	0,104	FALSE
0,055	0,284	0,002	0,015	0,048	FALSE
-0,107	0,283	-0,003	0,011	0,115	FALSE
0,088	0,273	0,003	0,015	0,064	FALSE
0,000	0,281	0,001	0,010	0,037	FALSE
-0,060	0,282	-0,002	0,009	0,080	FALSE
-0,014	0,295	-0,002	0,012	0,046	FALSE
0,005	0,300	-0,001	0,012	0,029	FALSE
-0,072	0,281	-0,002	0,013	0,053	FALSE
0,126	0,273	0,008	0,016	0,205	FALSE
0,105	0,282	0,004	0,014	0,122	FALSE
-0,090	0,289	-0,001	0,014	0,036	FALSE
-0,136	0,278	-0,006	0,010	0,266	FALSE
0,159	0,265	0,004	0,009	0,152	FALSE
0,012	0,291	0,000	0,013	0,006	FALSE
-0,071	0,271	-0,005	0,012	0,152	FALSE
-0,187	0,276	-0,007	0,010	0,310	FALSE
0,151	0,285	0,004	0,009	0,156	FALSE
0,192	0,274	0,010	0,016	0,281	FALSE
0,146	0,283	0,007	0,018	0,158	FALSE
-0,019	0,306	-0,001	0,010	0,019	FALSE
0,038	0,268	0,003	0,012	0,094	FALSE
-0,038	0,291	-0,001	0,012	0,025	FALSE
0,004	0,272	0,000	0,009	0,013	FALSE
-0,009	0,295	0,002	0,017	0,042	FALSE
0,040	0,299	0,002	0,016	0,054	FALSE
-0,191	0,261	-0,009	0,015	0,239	FALSE
-0,038	0,278	-0,001	0,011	0,027	FALSE
0,002	0,270	-0,001	0,009	0,055	FALSE

0,193	0,273	0,006	0,010	0,283	FALSE
0,178	0,285	0,008	0,012	0,278	FALSE
-0,078	0,279	-0,003	0,016	0,060	FALSE
-0,075	0,297	-0,001	0,009	0,032	FALSE
-0,036	0,281	-0,005	0,018	0,105	FALSE
-0,057	0,280	-0,003	0,015	0,070	FALSE
0,022	0,279	-0,002	0,013	0,042	FALSE
-0,195	0,268	-0,006	0,010	0,280	FALSE
-0,038	0,278	-0,003	0,011	0,088	FALSE
-0,185	0,270	-0,008	0,016	0,219	FALSE
-0,231	0,290	-0,010	0,014	0,329	FALSE
0,048	0,281	0,001	0,009	0,033	FALSE
0,088	0,270	0,003	0,010	0,099	FALSE
0,037	0,282	0,002	0,011	0,059	FALSE
0,032	0,284	0,001	0,011	0,039	FALSE
0,194	0,281	0,007	0,011	0,294	FALSE
0,047	0,282	0,002	0,009	0,087	FALSE
-0,066	0,282	-0,003	0,011	0,117	FALSE
0,171	0,273	0,006	0,011	0,252	FALSE
-0,126	0,291	-0,004	0,009	0,178	FALSE
-0,080	0,282	-0,003	0,017	0,068	FALSE
-0,089	0,291	-0,004	0,017	0,078	FALSE
-0,056	0,301	-0,002	0,017	0,049	FALSE
0,027	0,281	0,002	0,011	0,053	FALSE
0,019	0,303	0,001	0,010	0,056	FALSE
-0,103	0,283	-0,005	0,013	0,144	FALSE
0,004	0,280	0,000	0,012	0,015	FALSE
-0,096	0,301	-0,005	0,014	0,124	FALSE
-0,115	0,277	-0,003	0,010	0,115	FALSE
-0,140	0,284	-0,008	0,016	0,217	FALSE
0,091	0,268	0,007	0,017	0,169	FALSE
0,212	0,273	0,013	0,017	0,345	FALSE
0,055	0,272	0,003	0,012	0,096	FALSE
0,029	0,288	0,003	0,013	0,080	FALSE
0,060	0,286	0,001	0,010	0,043	FALSE
-0,054	0,286	-0,005	0,016	0,126	FALSE
0,033	0,281	-0,001	0,013	0,036	FALSE
0,068	0,281	0,004	0,017	0,098	FALSE
-0,073	0,280	-0,007	0,017	0,163	FALSE
-0,043	0,293	-0,001	0,009	0,051	FALSE
-0,043	0,280	-0,004	0,015	0,113	FALSE
-0,080	0,292	-0,005	0,016	0,117	FALSE
-0,175	0,282	-0,006	0,013	0,191	FALSE
-0,021	0,269	-0,002	0,015	0,039	FALSE
0,177	0,281	0,008	0,015	0,220	FALSE
0,282	0,274	0,009	0,009	0,450	FALSE
0,283	0,264	0,011	0,010	0,534	FALSE
0,054	0,287	-0,001	0,012	0,021	FALSE
0,003	0,287	-0,002	0,017	0,032	FALSE
0,024	0,289	0,000	0,017	0,010	FALSE
-0,051	0,287	-0,003	0,017	0,072	FALSE
0,003	0,283	-0,001	0,017	0,013	FALSE
-0,058	0,294	-0,005	0,014	0,137	FALSE

-0,061	0,277	-0,005	0,012	0,152	FALSE
-0,110	0,286	-0,008	0,018	0,174	FALSE
-0,063	0,275	-0,002	0,017	0,051	FALSE
-0,226	0,273	-0,012	0,017	0,327	FALSE
-0,188	0,273	-0,011	0,018	0,252	FALSE
-0,092	0,288	-0,002	0,010	0,064	FALSE
0,046	0,284	0,003	0,010	0,104	FALSE
0,005	0,297	0,002	0,016	0,051	FALSE
-0,015	0,292	-0,001	0,012	0,015	FALSE
-0,111	0,279	-0,005	0,018	0,104	FALSE
-0,008	0,281	0,000	0,012	0,009	FALSE
0,054	0,295	0,002	0,012	0,059	FALSE
0,043	0,276	0,002	0,011	0,050	FALSE
-0,112	0,288	-0,005	0,014	0,131	FALSE
0,089	0,294	0,005	0,014	0,137	FALSE
-0,125	0,278	-0,005	0,012	0,180	FALSE
-0,042	0,290	-0,002	0,017	0,047	FALSE
-0,143	0,278	-0,004	0,010	0,160	FALSE
0,008	0,297	0,002	0,014	0,048	FALSE
0,027	0,279	0,000	0,015	0,001	FALSE
0,115	0,278	0,007	0,016	0,181	FALSE
-0,196	0,276	-0,005	0,009	0,261	FALSE
0,126	0,284	0,004	0,010	0,175	FALSE
0,060	0,292	0,002	0,015	0,050	FALSE
0,006	0,296	0,000	0,015	0,003	FALSE
-0,009	0,298	-0,002	0,016	0,039	FALSE
0,052	0,287	0,001	0,009	0,034	FALSE
0,011	0,288	0,000	0,012	0,013	FALSE
-0,013	0,295	-0,003	0,018	0,062	FALSE
0,109	0,281	0,004	0,016	0,103	FALSE
0,016	0,256	0,000	0,009	0,007	FALSE
0,139	0,283	0,006	0,017	0,157	FALSE
0,054	0,271	0,002	0,009	0,081	FALSE
-0,098	0,283	-0,002	0,011	0,077	FALSE
-0,089	0,295	-0,002	0,011	0,075	FALSE
-0,024	0,288	-0,001	0,013	0,021	FALSE
0,053	0,299	0,001	0,018	0,023	FALSE
-0,025	0,268	-0,004	0,014	0,094	FALSE
0,008	0,282	-0,001	0,015	0,032	FALSE
0,076	0,281	0,004	0,016	0,089	FALSE
-0,019	0,294	0,001	0,015	0,016	FALSE
0,026	0,276	0,002	0,011	0,054	FALSE
0,013	0,285	0,001	0,011	0,036	FALSE
-0,006	0,292	0,000	0,011	0,013	FALSE
0,048	0,290	0,003	0,013	0,092	FALSE
0,002	0,296	0,001	0,015	0,013	FALSE
0,017	0,293	0,002	0,015	0,042	FALSE
0,087	0,295	0,006	0,014	0,168	FALSE
0,096	0,280	0,006	0,014	0,176	FALSE
0,082	0,291	0,005	0,013	0,154	FALSE
0,023	0,294	0,001	0,014	0,026	FALSE
0,073	0,302	0,005	0,015	0,122	FALSE
0,059	0,280	0,004	0,014	0,116	FALSE

0,071	0,292	0,004	0,014	0,116	FALSE
0,102	0,291	0,006	0,014	0,161	FALSE
-0,030	0,287	-0,003	0,017	0,067	FALSE
0,001	0,276	0,000	0,011	0,002	FALSE
-0,042	0,290	-0,001	0,011	0,030	FALSE
-0,157	0,276	-0,005	0,009	0,221	FALSE
-0,002	0,268	0,001	0,009	0,040	FALSE
0,015	0,269	0,002	0,010	0,075	FALSE
0,001	0,271	0,001	0,010	0,042	FALSE
0,045	0,278	0,002	0,016	0,041	FALSE
0,015	0,268	0,002	0,010	0,082	FALSE
0,015	0,271	0,002	0,010	0,062	FALSE
0,065	0,282	0,001	0,017	0,022	FALSE
-0,072	0,283	-0,003	0,016	0,069	FALSE
-0,020	0,282	-0,001	0,010	0,027	FALSE
-0,021	0,284	-0,003	0,017	0,058	FALSE
-0,060	0,279	-0,001	0,009	0,052	FALSE
0,041	0,287	0,000	0,016	0,005	FALSE
-0,014	0,274	0,001	0,012	0,017	FALSE
-0,081	0,280	-0,003	0,010	0,112	FALSE
-0,115	0,296	-0,004	0,010	0,175	FALSE
-0,092	0,293	-0,003	0,010	0,119	FALSE
-0,052	0,280	-0,002	0,009	0,068	FALSE
-0,093	0,269	-0,005	0,014	0,147	FALSE
-0,082	0,291	-0,005	0,014	0,153	FALSE
0,079	0,277	0,002	0,011	0,088	FALSE
-0,045	0,280	-0,001	0,009	0,056	FALSE
-0,077	0,278	-0,004	0,010	0,147	FALSE
0,063	0,291	0,004	0,015	0,094	FALSE
0,021	0,284	0,000	0,010	0,003	FALSE
0,012	0,296	0,000	0,017	0,005	FALSE
0,174	0,286	0,004	0,011	0,169	FALSE
0,028	0,295	0,002	0,016	0,052	FALSE
0,040	0,284	0,000	0,011	0,014	FALSE
0,043	0,303	0,001	0,017	0,023	FALSE
0,064	0,291	0,001	0,010	0,021	FALSE
0,022	0,280	0,002	0,014	0,046	FALSE
0,079	0,271	0,004	0,012	0,117	FALSE
0,136	0,260	0,005	0,010	0,186	FALSE
0,200	0,256	0,007	0,011	0,283	FALSE
0,069	0,271	0,001	0,011	0,024	FALSE
0,161	0,265	0,010	0,011	0,413	FALSE
0,156	0,258	0,010	0,011	0,417	FALSE
-0,106	0,282	-0,002	0,012	0,070	FALSE
0,037	0,267	0,003	0,016	0,065	FALSE
0,056	0,277	0,004	0,017	0,098	FALSE
0,069	0,282	0,005	0,017	0,113	FALSE
0,039	0,279	0,004	0,017	0,083	FALSE
0,114	0,297	0,008	0,017	0,180	FALSE
0,089	0,267	0,001	0,009	0,033	FALSE
0,063	0,277	0,004	0,017	0,096	FALSE
-0,009	0,278	0,000	0,009	0,006	FALSE
0,086	0,275	0,001	0,011	0,050	FALSE

-0,153	0,282	-0,008	0,016	0,217	FALSE
0,099	0,284	0,004	0,010	0,147	FALSE
0,168	0,270	0,010	0,016	0,250	FALSE
0,080	0,283	0,003	0,009	0,108	FALSE
-0,130	0,274	-0,008	0,015	0,217	FALSE
-0,149	0,281	-0,007	0,014	0,208	FALSE
0,017	0,274	-0,001	0,014	0,018	FALSE
-0,026	0,286	-0,002	0,017	0,050	FALSE
-0,045	0,285	-0,003	0,017	0,058	FALSE
-0,147	0,270	-0,007	0,015	0,201	FALSE
-0,177	0,285	-0,005	0,010	0,223	FALSE
-0,039	0,291	-0,003	0,017	0,079	FALSE
-0,010	0,274	-0,001	0,010	0,035	FALSE
0,071	0,295	0,003	0,010	0,110	FALSE
-0,053	0,276	-0,003	0,016	0,066	FALSE
0,081	0,278	0,006	0,012	0,200	FALSE
0,061	0,280	0,004	0,014	0,098	FALSE
0,092	0,288	0,003	0,010	0,121	FALSE
-0,171	0,279	-0,006	0,012	0,199	FALSE
0,077	0,271	0,005	0,018	0,119	FALSE
0,080	0,288	0,005	0,018	0,101	FALSE
0,056	0,293	0,003	0,018	0,063	FALSE
0,053	0,300	0,003	0,018	0,069	FALSE
0,010	0,286	-0,002	0,017	0,040	FALSE
-0,033	0,288	-0,004	0,018	0,093	FALSE
-0,113	0,286	-0,007	0,016	0,189	FALSE
-0,014	0,286	0,000	0,016	0,010	FALSE
-0,075	0,290	-0,003	0,015	0,086	FALSE
-0,060	0,260	0,000	0,008	0,002	FALSE
0,004	0,288	0,001	0,015	0,023	FALSE
-0,033	0,303	0,000	0,017	0,003	FALSE
0,216	0,266	0,008	0,015	0,243	FALSE
0,027	0,274	0,003	0,013	0,095	FALSE
0,056	0,273	0,003	0,012	0,097	FALSE
0,065	0,271	0,004	0,011	0,145	FALSE
0,065	0,265	0,002	0,011	0,064	FALSE
-0,222	0,285	-0,009	0,014	0,271	FALSE
0,140	0,277	0,005	0,012	0,153	FALSE
0,082	0,284	0,003	0,017	0,077	FALSE
-0,091	0,280	-0,002	0,011	0,076	FALSE
-0,069	0,299	-0,004	0,018	0,079	FALSE
-0,077	0,291	-0,001	0,011	0,048	FALSE
0,077	0,289	0,002	0,018	0,032	FALSE
-0,111	0,296	-0,005	0,013	0,155	FALSE
0,062	0,277	0,001	0,011	0,044	FALSE
-0,016	0,295	0,000	0,015	0,002	FALSE
-0,102	0,283	-0,004	0,011	0,140	FALSE
0,079	0,285	0,003	0,012	0,099	FALSE
-0,010	0,289	0,001	0,011	0,021	FALSE
0,059	0,276	0,003	0,009	0,145	FALSE
-0,109	0,274	-0,003	0,010	0,118	FALSE
0,049	0,275	0,001	0,009	0,020	FALSE
0,048	0,285	0,000	0,010	0,005	FALSE

0,001	0,287	0,002	0,016	0,046	FALSE
-0,003	0,290	0,000	0,017	0,008	FALSE
-0,009	0,280	0,000	0,009	0,000	FALSE
-0,118	0,274	-0,004	0,010	0,168	FALSE
-0,079	0,297	-0,005	0,017	0,124	FALSE
-0,099	0,312	-0,005	0,016	0,129	FALSE
-0,115	0,282	-0,002	0,011	0,060	FALSE
-0,309	0,272	-0,016	0,017	0,448	FALSE
-0,179	0,283	-0,007	0,013	0,212	FALSE
-0,145	0,280	-0,002	0,010	0,091	FALSE
0,122	0,285	0,005	0,014	0,148	FALSE
-0,131	0,279	-0,003	0,009	0,129	FALSE
0,107	0,271	0,002	0,011	0,084	FALSE
-0,031	0,278	-0,003	0,012	0,102	FALSE
0,256	0,249	0,007	0,009	0,340	FALSE
0,041	0,283	0,001	0,009	0,034	FALSE
0,037	0,286	0,002	0,017	0,035	FALSE
0,015	0,302	0,001	0,009	0,024	FALSE
-0,033	0,287	-0,001	0,009	0,022	FALSE
0,163	0,281	0,010	0,017	0,250	FALSE
0,044	0,290	0,001	0,010	0,057	FALSE
0,188	0,284	0,006	0,010	0,287	FALSE
-0,085	0,298	-0,003	0,011	0,105	FALSE
0,024	0,277	-0,003	0,016	0,064	FALSE
-0,070	0,280	-0,003	0,017	0,077	FALSE
-0,206	0,283	-0,007	0,011	0,295	FALSE
-0,014	0,285	0,004	0,016	0,106	FALSE
0,094	0,297	0,004	0,010	0,148	FALSE
-0,026	0,292	0,000	0,009	0,002	FALSE
-0,109	0,277	-0,003	0,018	0,063	FALSE
0,036	0,297	0,002	0,010	0,072	FALSE
-0,060	0,298	-0,002	0,010	0,084	FALSE
0,018	0,276	-0,001	0,011	0,031	FALSE
-0,007	0,282	-0,001	0,010	0,052	FALSE
-0,112	0,294	-0,003	0,010	0,106	FALSE
-0,127	0,278	-0,005	0,011	0,179	FALSE
-0,061	0,278	-0,004	0,018	0,079	FALSE
-0,006	0,269	-0,002	0,008	0,069	FALSE
-0,058	0,269	-0,002	0,016	0,049	FALSE
-0,008	0,287	-0,002	0,012	0,067	FALSE
0,042	0,270	0,001	0,008	0,030	FALSE
0,003	0,280	0,001	0,011	0,033	FALSE
0,043	0,268	0,002	0,010	0,060	FALSE
0,008	0,292	0,000	0,015	0,006	FALSE
-0,104	0,284	-0,002	0,010	0,079	FALSE
0,043	0,269	0,001	0,008	0,044	FALSE
0,008	0,278	0,001	0,010	0,045	FALSE
0,124	0,293	0,005	0,013	0,140	FALSE
0,149	0,276	0,009	0,015	0,267	FALSE
0,015	0,278	0,000	0,009	0,008	FALSE
0,082	0,291	0,004	0,014	0,105	FALSE
-0,014	0,273	-0,001	0,009	0,046	FALSE
-0,024	0,272	0,000	0,010	0,007	FALSE

0,022	0,286	0,002	0,018	0,036	FALSE
0,142	0,278	0,004	0,011	0,144	FALSE
-0,119	0,286	-0,004	0,010	0,142	FALSE
-0,039	0,286	-0,001	0,009	0,026	FALSE
-0,278	0,273	-0,014	0,016	0,426	FALSE
0,066	0,297	0,003	0,018	0,058	FALSE
0,025	0,286	0,001	0,010	0,044	FALSE
-0,202	0,282	-0,005	0,012	0,192	FALSE
-0,051	0,280	-0,002	0,017	0,052	FALSE
0,103	0,282	0,004	0,013	0,123	FALSE
-0,074	0,282	-0,003	0,012	0,084	FALSE
0,060	0,273	0,003	0,011	0,114	FALSE
0,009	0,286	0,001	0,017	0,021	FALSE
0,030	0,297	0,001	0,017	0,029	FALSE
-0,020	0,287	-0,001	0,010	0,027	FALSE
0,048	0,296	0,002	0,015	0,052	FALSE
0,047	0,259	0,001	0,008	0,055	FALSE
-0,097	0,284	-0,002	0,011	0,084	FALSE
0,011	0,282	0,002	0,010	0,075	FALSE
-0,006	0,287	0,002	0,011	0,059	FALSE
-0,034	0,276	-0,002	0,009	0,082	FALSE
0,067	0,282	0,003	0,016	0,069	FALSE
-0,055	0,279	0,000	0,008	0,011	FALSE
-0,058	0,272	-0,004	0,012	0,119	FALSE
0,085	0,277	0,003	0,017	0,074	FALSE
-0,051	0,279	-0,004	0,015	0,100	FALSE
-0,034	0,276	-0,002	0,013	0,045	FALSE
-0,065	0,295	-0,004	0,016	0,096	FALSE
-0,004	0,274	-0,001	0,012	0,019	FALSE
0,124	0,287	0,004	0,009	0,175	FALSE
0,034	0,297	0,002	0,017	0,037	FALSE
-0,026	0,276	-0,001	0,010	0,045	FALSE
-0,074	0,267	-0,004	0,014	0,110	FALSE
0,132	0,277	0,005	0,015	0,116	FALSE
-0,024	0,289	-0,002	0,012	0,051	FALSE
-0,045	0,286	-0,001	0,010	0,030	FALSE
-0,087	0,290	-0,002	0,016	0,046	FALSE
0,056	0,293	0,003	0,013	0,074	FALSE
0,073	0,280	0,002	0,010	0,067	FALSE
-0,094	0,291	-0,004	0,012	0,118	FALSE
-0,133	0,288	-0,005	0,010	0,216	FALSE
0,169	0,278	0,006	0,016	0,155	FALSE
0,144	0,270	0,004	0,014	0,105	FALSE
0,053	0,290	0,002	0,009	0,068	FALSE
-0,216	0,292	-0,006	0,009	0,300	FALSE
0,043	0,273	0,002	0,012	0,067	FALSE
0,005	0,282	-0,003	0,016	0,062	FALSE
-0,024	0,301	0,000	0,009	0,014	FALSE
-0,027	0,292	-0,001	0,010	0,023	FALSE
-0,075	0,270	-0,003	0,015	0,087	FALSE
0,021	0,284	0,001	0,011	0,041	FALSE
0,044	0,278	0,000	0,015	0,010	FALSE
0,014	0,279	0,001	0,015	0,012	FALSE

0,026	0,286	0,001	0,013	0,035	FALSE
-0,010	0,293	-0,001	0,017	0,015	FALSE
-0,024	0,277	0,000	0,017	0,001	FALSE
0,000	0,277	-0,001	0,010	0,021	FALSE
-0,034	0,288	-0,004	0,017	0,081	FALSE
0,115	0,283	0,004	0,016	0,111	FALSE
0,094	0,297	0,004	0,011	0,144	FALSE
-0,077	0,295	-0,002	0,016	0,050	FALSE
0,285	0,251	0,008	0,009	0,422	FALSE
0,216	0,269	0,009	0,014	0,269	FALSE
0,240	0,253	0,007	0,010	0,295	FALSE
0,187	0,283	0,007	0,012	0,248	FALSE
0,168	0,284	0,009	0,015	0,264	FALSE
-0,046	0,273	0,000	0,012	0,013	FALSE
-0,187	0,288	-0,010	0,017	0,256	FALSE
0,014	0,278	0,001	0,012	0,040	FALSE
-0,024	0,258	-0,001	0,011	0,017	FALSE
0,095	0,273	0,004	0,014	0,112	FALSE
-0,019	0,289	-0,001	0,015	0,030	FALSE
-0,094	0,285	-0,002	0,009	0,067	FALSE
0,105	0,284	0,004	0,012	0,120	FALSE
0,131	0,286	0,007	0,017	0,171	FALSE
0,196	0,278	0,010	0,017	0,262	FALSE
-0,026	0,290	-0,002	0,013	0,045	FALSE
-0,037	0,288	0,001	0,010	0,019	FALSE
0,079	0,283	0,002	0,011	0,053	FALSE
0,053	0,267	0,000	0,010	0,016	FALSE
0,017	0,293	0,002	0,014	0,057	FALSE
-0,205	0,289	-0,010	0,014	0,312	FALSE
-0,094	0,294	-0,002	0,009	0,093	FALSE
-0,061	0,294	-0,004	0,017	0,085	FALSE
-0,044	0,278	-0,002	0,011	0,063	FALSE
-0,030	0,277	-0,001	0,013	0,036	FALSE
0,181	0,273	0,005	0,012	0,187	FALSE
-0,191	0,274	-0,007	0,015	0,201	FALSE
0,160	0,256	0,006	0,014	0,169	FALSE
-0,102	0,292	-0,003	0,014	0,099	FALSE
-0,036	0,278	-0,004	0,013	0,120	FALSE
0,028	0,279	-0,001	0,011	0,041	FALSE
0,036	0,273	-0,001	0,011	0,040	FALSE
0,064	0,288	0,004	0,010	0,159	FALSE
-0,228	0,269	-0,007	0,009	0,349	FALSE
0,037	0,280	0,004	0,013	0,119	FALSE
-0,207	0,284	-0,007	0,009	0,324	FALSE
0,072	0,270	0,002	0,013	0,055	FALSE
0,117	0,276	0,006	0,016	0,162	FALSE
-0,020	0,278	0,000	0,013	0,013	FALSE
0,097	0,279	0,003	0,013	0,088	FALSE
-0,010	0,280	-0,001	0,009	0,050	FALSE
0,029	0,294	0,001	0,011	0,024	FALSE
0,023	0,292	0,000	0,011	0,012	FALSE
0,098	0,271	0,002	0,009	0,082	FALSE
-0,061	0,289	0,000	0,011	0,006	FALSE

-0,011	0,278	0,000	0,011	0,008	FALSE
-0,047	0,286	-0,001	0,009	0,030	FALSE
0,033	0,284	0,001	0,010	0,052	FALSE
0,035	0,290	0,001	0,013	0,019	FALSE
0,019	0,287	0,000	0,013	0,007	FALSE
-0,259	0,277	-0,013	0,015	0,408	FALSE
0,160	0,294	0,006	0,012	0,229	FALSE
-0,062	0,296	-0,001	0,009	0,027	FALSE
0,016	0,281	-0,001	0,009	0,032	FALSE
0,079	0,273	0,005	0,015	0,121	FALSE
0,214	0,277	0,010	0,017	0,249	FALSE
0,006	0,296	0,001	0,014	0,034	FALSE
0,106	0,290	0,005	0,014	0,149	FALSE
0,091	0,266	0,000	0,008	0,019	FALSE
0,000	0,297	0,002	0,014	0,056	FALSE
0,216	0,258	0,008	0,011	0,339	FALSE
-0,023	0,286	-0,001	0,009	0,046	FALSE
-0,098	0,265	-0,003	0,008	0,131	FALSE
-0,051	0,290	0,000	0,010	0,015	FALSE
0,051	0,286	0,001	0,009	0,051	FALSE
0,121	0,268	0,003	0,017	0,070	FALSE
-0,024	0,285	-0,001	0,009	0,040	FALSE
0,008	0,275	0,000	0,011	0,002	FALSE
-0,032	0,275	-0,002	0,009	0,069	FALSE
-0,041	0,266	-0,002	0,010	0,077	FALSE
-0,012	0,287	-0,003	0,010	0,106	FALSE
-0,056	0,291	-0,002	0,017	0,037	FALSE
0,024	0,297	0,002	0,009	0,102	FALSE
0,011	0,282	0,000	0,010	0,005	FALSE
0,031	0,284	0,000	0,010	0,008	FALSE
-0,076	0,292	-0,004	0,017	0,087	FALSE
0,164	0,280	0,008	0,018	0,182	FALSE
-0,159	0,300	-0,004	0,010	0,188	FALSE
0,067	0,266	0,002	0,009	0,105	FALSE
-0,076	0,283	-0,005	0,016	0,121	FALSE
0,140	0,287	0,007	0,013	0,247	FALSE
-0,057	0,268	-0,003	0,014	0,086	FALSE
-0,069	0,277	-0,004	0,015	0,108	FALSE
0,084	0,257	0,002	0,013	0,050	FALSE
0,005	0,294	0,003	0,015	0,073	FALSE
0,146	0,289	0,007	0,013	0,213	FALSE
0,211	0,277	0,006	0,009	0,280	FALSE
0,181	0,289	0,008	0,017	0,195	FALSE
-0,085	0,281	-0,002	0,017	0,039	FALSE
0,137	0,275	0,006	0,012	0,192	FALSE
0,086	0,291	0,005	0,018	0,098	FALSE
-0,044	0,279	-0,003	0,010	0,131	FALSE
0,155	0,282	0,010	0,017	0,261	FALSE
0,204	0,256	0,008	0,013	0,268	FALSE
-0,009	0,287	-0,001	0,015	0,029	FALSE
0,120	0,289	0,005	0,012	0,166	FALSE
-0,028	0,297	0,000	0,010	0,002	FALSE
0,065	0,282	0,004	0,014	0,104	FALSE

-0,091	0,266	-0,004	0,009	0,152	FALSE
-0,158	0,294	-0,005	0,011	0,207	FALSE
-0,012	0,274	-0,002	0,017	0,052	FALSE
-0,083	0,263	-0,002	0,009	0,108	FALSE
-0,031	0,278	-0,001	0,009	0,051	FALSE
0,060	0,290	0,003	0,010	0,115	FALSE
-0,049	0,287	-0,001	0,009	0,033	FALSE
0,042	0,296	0,002	0,011	0,067	FALSE
0,098	0,281	0,004	0,012	0,132	FALSE
0,024	0,275	-0,001	0,011	0,041	FALSE
-0,030	0,295	0,001	0,017	0,016	FALSE
-0,016	0,282	0,000	0,013	0,001	FALSE
0,096	0,271	0,002	0,011	0,061	FALSE
-0,104	0,290	-0,002	0,010	0,064	FALSE
0,071	0,296	0,002	0,012	0,072	FALSE
-0,129	0,282	-0,003	0,009	0,118	FALSE
-0,080	0,293	-0,003	0,015	0,085	FALSE
-0,178	0,282	-0,004	0,009	0,179	FALSE
-0,150	0,290	-0,003	0,009	0,131	FALSE
-0,114	0,291	-0,002	0,009	0,082	FALSE
-0,067	0,293	-0,003	0,012	0,086	FALSE
0,081	0,281	0,004	0,012	0,112	FALSE
-0,071	0,285	-0,001	0,012	0,039	FALSE
-0,082	0,302	-0,002	0,013	0,049	FALSE
0,029	0,294	0,001	0,013	0,015	FALSE
-0,130	0,293	-0,003	0,010	0,132	FALSE
-0,155	0,281	-0,004	0,010	0,195	FALSE
-0,087	0,289	-0,005	0,017	0,103	FALSE
0,181	0,282	0,010	0,012	0,403	FALSE
-0,066	0,291	-0,002	0,010	0,059	FALSE
-0,016	0,288	0,000	0,009	0,008	FALSE
0,053	0,290	0,002	0,018	0,046	FALSE
0,128	0,294	0,005	0,012	0,184	FALSE
-0,106	0,271	-0,003	0,012	0,102	FALSE
-0,009	0,296	0,002	0,011	0,054	FALSE
-0,018	0,289	0,002	0,016	0,046	FALSE
0,119	0,280	0,005	0,010	0,221	FALSE
-0,154	0,264	-0,005	0,012	0,183	FALSE
-0,014	0,284	-0,002	0,010	0,067	FALSE
-0,196	0,279	-0,005	0,010	0,200	FALSE
0,183	0,252	0,007	0,011	0,272	FALSE
0,200	0,267	0,008	0,016	0,225	FALSE
0,057	0,292	0,002	0,009	0,067	FALSE
-0,083	0,294	-0,005	0,018	0,114	FALSE
0,192	0,285	0,009	0,018	0,206	FALSE
0,055	0,286	0,004	0,017	0,080	FALSE
0,182	0,284	0,008	0,018	0,178	FALSE
-0,131	0,277	-0,006	0,013	0,180	FALSE
-0,101	0,268	-0,004	0,010	0,150	FALSE
0,098	0,291	0,001	0,009	0,049	FALSE
0,137	0,293	0,006	0,012	0,194	FALSE
-0,116	0,276	-0,005	0,017	0,112	FALSE
0,172	0,279	0,006	0,010	0,298	FALSE

0,104	0,289	0,004	0,011	0,135	FALSE
0,068	0,281	0,002	0,012	0,054	FALSE
-0,093	0,284	-0,005	0,013	0,167	FALSE
-0,068	0,282	-0,005	0,017	0,107	FALSE
-0,026	0,280	-0,002	0,013	0,058	FALSE
0,196	0,259	0,006	0,008	0,331	FALSE
-0,071	0,290	-0,002	0,013	0,063	FALSE
0,097	0,266	0,003	0,009	0,142	FALSE
0,182	0,278	0,008	0,012	0,290	FALSE
-0,016	0,276	-0,002	0,014	0,049	FALSE
0,101	0,295	0,004	0,012	0,127	FALSE
0,153	0,293	0,006	0,015	0,152	FALSE
0,229	0,272	0,011	0,015	0,352	FALSE
-0,145	0,291	-0,005	0,012	0,158	FALSE
0,126	0,288	0,002	0,009	0,084	FALSE
-0,012	0,276	0,000	0,011	0,008	FALSE
-0,079	0,285	-0,003	0,010	0,111	FALSE
-0,024	0,286	-0,001	0,012	0,046	FALSE
-0,099	0,278	-0,002	0,009	0,080	FALSE
0,056	0,294	0,004	0,015	0,089	FALSE
0,033	0,286	0,002	0,011	0,069	FALSE
0,115	0,270	0,003	0,009	0,141	FALSE
-0,102	0,281	-0,007	0,015	0,197	FALSE
-0,154	0,301	-0,005	0,013	0,159	FALSE
-0,002	0,285	0,001	0,011	0,045	FALSE
0,203	0,256	0,012	0,015	0,382	FALSE
0,109	0,274	0,007	0,014	0,217	FALSE
-0,027	0,277	0,001	0,011	0,016	FALSE
0,006	0,279	-0,001	0,009	0,044	FALSE
-0,004	0,301	0,000	0,012	0,004	FALSE
0,057	0,281	0,001	0,011	0,043	FALSE
0,143	0,280	0,004	0,009	0,168	FALSE
0,185	0,281	0,005	0,011	0,197	FALSE
0,208	0,281	0,008	0,012	0,272	FALSE
-0,064	0,282	-0,001	0,009	0,056	FALSE
0,015	0,276	0,002	0,011	0,085	FALSE
0,171	0,274	0,005	0,010	0,195	FALSE
-0,223	0,263	-0,011	0,018	0,264	FALSE
-0,074	0,281	-0,002	0,009	0,078	FALSE
0,191	0,270	0,007	0,011	0,291	FALSE
-0,045	0,278	-0,002	0,011	0,052	FALSE
-0,085	0,275	-0,004	0,012	0,128	FALSE
0,100	0,295	0,006	0,017	0,145	FALSE
0,117	0,281	0,005	0,012	0,172	FALSE
0,201	0,273	0,010	0,016	0,277	FALSE
0,205	0,269	0,009	0,017	0,229	FALSE
-0,112	0,281	-0,006	0,011	0,224	FALSE
-0,121	0,284	-0,005	0,017	0,117	FALSE
-0,046	0,291	0,000	0,009	0,001	FALSE
-0,099	0,278	-0,002	0,011	0,058	FALSE
-0,044	0,284	-0,002	0,010	0,082	FALSE
-0,239	0,271	-0,011	0,011	0,455	FALSE
0,119	0,282	0,005	0,009	0,206	FALSE

-0,164	0,274	-0,006	0,012	0,207	FALSE
0,011	0,275	0,000	0,010	0,006	FALSE
0,149	0,286	0,008	0,015	0,214	FALSE
0,057	0,295	0,001	0,016	0,021	FALSE
-0,146	0,289	-0,006	0,013	0,176	FALSE
-0,116	0,283	-0,007	0,017	0,167	FALSE
-0,176	0,283	-0,005	0,011	0,186	FALSE
0,079	0,285	0,004	0,009	0,200	FALSE
-0,077	0,287	-0,002	0,011	0,071	FALSE
0,151	0,275	0,008	0,017	0,196	FALSE
-0,013	0,279	-0,003	0,014	0,081	FALSE
-0,155	0,270	-0,005	0,013	0,149	FALSE
-0,227	0,271	-0,007	0,010	0,307	FALSE
0,019	0,291	0,001	0,009	0,039	FALSE
0,026	0,279	0,001	0,008	0,051	FALSE
0,092	0,278	0,002	0,010	0,057	FALSE
0,143	0,274	0,006	0,012	0,203	FALSE
0,027	0,292	0,001	0,017	0,013	FALSE
0,089	0,298	0,003	0,009	0,111	FALSE
0,028	0,266	0,003	0,014	0,069	FALSE
0,103	0,291	0,005	0,017	0,103	FALSE
0,114	0,295	0,005	0,017	0,105	FALSE
0,067	0,281	0,003	0,017	0,063	FALSE
0,078	0,269	0,003	0,017	0,076	FALSE
-0,018	0,290	0,000	0,011	0,008	FALSE
-0,162	0,276	-0,007	0,017	0,166	FALSE
0,102	0,285	0,002	0,009	0,108	FALSE
-0,016	0,285	-0,002	0,012	0,069	FALSE
0,068	0,290	0,003	0,009	0,116	FALSE
0,111	0,268	0,006	0,014	0,169	FALSE
-0,018	0,295	0,000	0,012	0,015	FALSE
0,072	0,279	0,003	0,010	0,101	FALSE
-0,058	0,275	-0,004	0,012	0,110	FALSE
0,163	0,285	0,009	0,014	0,282	FALSE
0,080	0,287	0,004	0,014	0,098	FALSE
-0,002	0,277	-0,001	0,017	0,030	FALSE
-0,231	0,270	-0,013	0,016	0,379	FALSE
0,095	0,284	0,004	0,014	0,097	FALSE
-0,089	0,274	-0,005	0,013	0,149	FALSE
-0,139	0,291	-0,003	0,009	0,117	FALSE
-0,171	0,276	-0,008	0,016	0,208	FALSE
0,113	0,287	0,002	0,009	0,068	FALSE
0,135	0,280	0,004	0,010	0,152	FALSE
0,057	0,284	0,001	0,009	0,059	FALSE
-0,136	0,270	-0,006	0,010	0,260	FALSE
-0,024	0,294	-0,002	0,010	0,075	FALSE
0,037	0,256	0,000	0,012	0,004	FALSE
-0,190	0,276	-0,011	0,016	0,301	FALSE
-0,075	0,292	-0,002	0,009	0,097	FALSE
0,082	0,273	0,000	0,013	0,002	FALSE
-0,054	0,285	-0,005	0,016	0,121	FALSE
0,133	0,271	0,010	0,016	0,281	FALSE
-0,182	0,270	-0,006	0,011	0,246	FALSE

0,073	0,275	0,002	0,010	0,076	FALSE
-0,066	0,285	-0,002	0,012	0,078	FALSE
0,299	0,290	0,012	0,012	0,523	FALSE
-0,010	0,283	-0,003	0,016	0,069	FALSE
0,098	0,285	0,002	0,013	0,070	FALSE
0,050	0,291	0,000	0,013	0,000	FALSE
-0,235	0,262	-0,012	0,015	0,356	FALSE
-0,162	0,290	-0,004	0,009	0,182	FALSE
0,139	0,290	0,005	0,014	0,132	FALSE
0,016	0,295	0,002	0,009	0,065	FALSE
-0,114	0,272	-0,003	0,010	0,105	FALSE
-0,158	0,288	-0,007	0,017	0,187	FALSE
-0,012	0,285	0,000	0,013	0,002	FALSE
0,071	0,290	0,004	0,016	0,090	FALSE
-0,081	0,280	-0,004	0,015	0,096	FALSE
0,172	0,279	0,006	0,010	0,297	FALSE
0,014	0,285	0,000	0,010	0,010	FALSE
-0,108	0,275	-0,006	0,017	0,149	FALSE
0,232	0,274	0,009	0,010	0,421	FALSE
-0,197	0,259	-0,008	0,013	0,268	FALSE
0,304	0,269	0,015	0,014	0,542	FALSE
0,005	0,281	-0,001	0,010	0,027	FALSE
0,104	0,303	0,007	0,018	0,171	FALSE
0,113	0,290	0,009	0,018	0,217	FALSE
-0,050	0,290	-0,004	0,017	0,087	FALSE
-0,117	0,281	-0,005	0,016	0,111	FALSE
-0,043	0,284	-0,002	0,014	0,057	FALSE
0,058	0,284	0,001	0,009	0,030	FALSE
0,109	0,283	0,007	0,013	0,212	FALSE
-0,147	0,287	-0,004	0,013	0,131	FALSE
-0,214	0,264	-0,007	0,012	0,231	FALSE
-0,089	0,284	-0,003	0,017	0,064	FALSE
-0,019	0,288	0,000	0,009	0,001	FALSE
0,012	0,294	0,001	0,009	0,048	FALSE
0,006	0,296	0,001	0,011	0,034	FALSE
0,081	0,284	0,002	0,015	0,049	FALSE
0,007	0,276	0,002	0,017	0,054	FALSE
0,015	0,280	-0,001	0,018	0,019	FALSE
0,097	0,284	0,005	0,013	0,147	FALSE
0,112	0,281	0,005	0,013	0,175	FALSE
0,014	0,284	-0,001	0,017	0,011	FALSE
0,038	0,281	0,003	0,009	0,104	FALSE
0,032	0,280	0,001	0,017	0,020	FALSE
-0,070	0,281	-0,006	0,017	0,147	FALSE
0,129	0,280	0,003	0,011	0,101	FALSE
-0,031	0,300	-0,001	0,017	0,031	FALSE
0,009	0,291	-0,001	0,017	0,015	FALSE
-0,045	0,283	-0,001	0,009	0,054	FALSE
-0,181	0,287	-0,007	0,013	0,207	FALSE
0,169	0,275	0,009	0,017	0,232	FALSE
0,136	0,286	0,005	0,012	0,174	FALSE
0,029	0,280	0,001	0,011	0,031	FALSE
0,135	0,278	0,005	0,012	0,170	FALSE

-0,046	0,300	-0,003	0,015	0,064	FALSE
0,002	0,272	-0,001	0,009	0,031	FALSE
0,038	0,285	0,003	0,011	0,090	FALSE
-0,271	0,264	-0,010	0,013	0,370	FALSE
0,024	0,292	0,002	0,010	0,064	FALSE
-0,083	0,275	-0,006	0,013	0,202	FALSE
0,071	0,292	0,004	0,011	0,138	FALSE
-0,063	0,285	-0,004	0,013	0,124	FALSE
0,104	0,276	0,004	0,014	0,112	FALSE
0,140	0,274	0,004	0,010	0,168	FALSE
0,241	0,269	0,010	0,013	0,345	FALSE
-0,050	0,276	-0,001	0,011	0,036	FALSE
0,091	0,280	0,002	0,017	0,039	FALSE
0,013	0,258	0,001	0,010	0,021	FALSE
0,241	0,273	0,007	0,009	0,354	FALSE
-0,159	0,290	-0,010	0,015	0,287	FALSE
-0,078	0,267	-0,001	0,017	0,022	FALSE
0,042	0,272	0,003	0,016	0,066	FALSE
0,101	0,279	0,003	0,016	0,076	FALSE
-0,006	0,292	0,000	0,012	0,012	FALSE
-0,077	0,286	-0,005	0,014	0,141	FALSE
-0,100	0,300	-0,005	0,013	0,152	FALSE
-0,023	0,288	-0,001	0,015	0,012	FALSE
-0,029	0,281	-0,001	0,017	0,025	FALSE
0,077	0,292	0,003	0,017	0,056	FALSE
-0,014	0,282	-0,001	0,011	0,024	FALSE
-0,110	0,274	-0,003	0,012	0,078	FALSE
-0,135	0,273	-0,006	0,016	0,153	FALSE
-0,175	0,268	-0,008	0,016	0,217	FALSE
0,042	0,296	0,002	0,018	0,046	FALSE
-0,090	0,293	-0,005	0,015	0,132	FALSE
0,060	0,276	0,003	0,009	0,154	FALSE
0,135	0,284	0,005	0,011	0,180	FALSE
0,080	0,279	0,002	0,017	0,044	FALSE
-0,232	0,266	-0,013	0,017	0,357	FALSE
0,022	0,288	0,000	0,015	0,006	FALSE
0,043	0,274	0,000	0,015	0,009	FALSE
-0,128	0,288	-0,007	0,016	0,178	FALSE
-0,159	0,277	-0,010	0,016	0,296	FALSE
-0,052	0,261	-0,003	0,008	0,133	FALSE
-0,156	0,283	-0,010	0,018	0,256	FALSE
-0,039	0,287	-0,003	0,014	0,075	FALSE
-0,176	0,279	-0,005	0,010	0,242	FALSE
-0,018	0,298	-0,001	0,013	0,029	FALSE
-0,185	0,271	-0,015	0,017	0,396	FALSE
-0,145	0,286	-0,005	0,009	0,226	FALSE
0,151	0,260	0,009	0,012	0,361	FALSE
0,029	0,286	0,002	0,017	0,031	FALSE
0,054	0,277	0,005	0,015	0,122	FALSE
0,157	0,274	0,007	0,018	0,157	FALSE
0,002	0,290	0,000	0,017	0,009	FALSE
0,000	0,292	0,002	0,013	0,057	FALSE
-0,082	0,280	-0,001	0,010	0,043	FALSE

0,088	0,291	0,006	0,015	0,155	FALSE
-0,159	0,268	-0,005	0,009	0,243	FALSE
0,090	0,292	0,006	0,017	0,128	FALSE
-0,225	0,291	-0,007	0,012	0,260	FALSE
-0,120	0,283	-0,004	0,009	0,167	FALSE
0,055	0,285	0,002	0,009	0,080	FALSE
0,199	0,280	0,011	0,014	0,343	FALSE
0,171	0,271	0,009	0,014	0,269	FALSE
0,148	0,277	0,010	0,015	0,291	FALSE
0,113	0,284	0,004	0,015	0,097	FALSE
-0,093	0,286	-0,005	0,017	0,116	FALSE
-0,071	0,281	-0,004	0,015	0,112	FALSE
0,168	0,277	0,005	0,010	0,209	FALSE
-0,070	0,278	-0,004	0,011	0,131	FALSE
0,218	0,280	0,012	0,017	0,327	FALSE
-0,008	0,276	0,000	0,012	0,011	FALSE
0,183	0,282	0,010	0,015	0,288	FALSE
0,081	0,283	0,003	0,012	0,083	FALSE
0,055	0,278	0,000	0,013	0,000	FALSE
0,000	0,282	0,000	0,010	0,005	FALSE
0,066	0,293	0,003	0,017	0,066	FALSE
0,147	0,280	0,006	0,011	0,253	FALSE
0,105	0,279	0,006	0,015	0,168	FALSE
-0,086	0,293	-0,006	0,016	0,156	FALSE
-0,075	0,287	0,000	0,009	0,019	FALSE
-0,004	0,278	-0,001	0,009	0,026	FALSE
0,041	0,275	-0,001	0,014	0,035	FALSE
-0,080	0,279	-0,002	0,010	0,071	FALSE
-0,031	0,281	-0,003	0,013	0,094	FALSE
0,047	0,290	0,001	0,009	0,057	FALSE
-0,010	0,280	0,001	0,009	0,052	FALSE
0,053	0,280	0,002	0,009	0,067	FALSE
0,058	0,281	0,002	0,009	0,071	FALSE
0,027	0,280	0,001	0,015	0,027	FALSE
-0,082	0,286	-0,002	0,010	0,081	FALSE
-0,123	0,278	-0,002	0,010	0,089	FALSE
-0,177	0,279	-0,006	0,010	0,231	FALSE
0,007	0,295	-0,002	0,012	0,046	FALSE
-0,025	0,286	0,000	0,010	0,000	FALSE
-0,072	0,286	-0,002	0,012	0,054	FALSE
-0,042	0,295	-0,003	0,017	0,060	FALSE
-0,014	0,286	0,001	0,011	0,025	FALSE
-0,196	0,279	-0,009	0,012	0,305	FALSE
-0,075	0,295	-0,003	0,017	0,062	FALSE
-0,070	0,285	-0,004	0,017	0,078	FALSE
-0,088	0,289	-0,004	0,017	0,086	FALSE
-0,028	0,294	0,000	0,009	0,010	FALSE
0,106	0,262	0,003	0,011	0,103	FALSE
0,089	0,277	0,003	0,015	0,077	FALSE
0,163	0,292	0,006	0,011	0,225	FALSE
0,135	0,289	0,005	0,011	0,180	FALSE
0,013	0,272	0,001	0,017	0,026	FALSE
-0,092	0,278	-0,002	0,010	0,081	FALSE

-0,031	0,274	-0,001	0,011	0,021	FALSE
-0,187	0,276	-0,008	0,014	0,240	FALSE
-0,124	0,277	-0,005	0,012	0,163	FALSE
-0,030	0,284	-0,001	0,015	0,027	FALSE
0,263	0,260	0,009	0,011	0,390	FALSE
-0,123	0,277	-0,006	0,013	0,200	FALSE
-0,001	0,285	0,001	0,010	0,038	FALSE
0,099	0,285	0,004	0,013	0,130	FALSE
-0,150	0,290	-0,007	0,016	0,173	FALSE
0,112	0,279	0,006	0,017	0,139	FALSE
0,015	0,289	0,001	0,010	0,042	FALSE
0,098	0,287	0,004	0,009	0,158	FALSE
0,105	0,292	0,004	0,011	0,155	FALSE
-0,088	0,283	-0,004	0,014	0,098	FALSE
-0,044	0,279	-0,002	0,017	0,050	FALSE
-0,099	0,280	-0,004	0,014	0,101	FALSE
-0,072	0,276	-0,003	0,016	0,073	FALSE
-0,053	0,283	-0,002	0,016	0,053	FALSE
0,117	0,275	0,005	0,009	0,233	FALSE
0,099	0,275	0,004	0,011	0,150	FALSE
-0,046	0,279	-0,002	0,009	0,071	FALSE
-0,116	0,281	-0,004	0,013	0,106	FALSE
0,010	0,289	-0,001	0,010	0,045	FALSE
0,046	0,281	0,001	0,009	0,038	FALSE
-0,033	0,267	-0,004	0,015	0,097	FALSE
-0,024	0,300	-0,002	0,014	0,047	FALSE
0,017	0,293	0,000	0,014	0,006	FALSE
-0,040	0,299	-0,003	0,015	0,064	FALSE
0,227	0,258	0,005	0,009	0,283	FALSE
0,111	0,279	0,003	0,009	0,119	FALSE
-0,140	0,287	-0,008	0,017	0,203	FALSE
-0,190	0,283	-0,009	0,013	0,322	FALSE
0,037	0,290	0,004	0,017	0,081	FALSE
-0,021	0,292	0,000	0,013	0,008	FALSE
0,068	0,289	0,004	0,013	0,117	FALSE
-0,222	0,281	-0,013	0,016	0,375	FALSE
0,011	0,269	-0,002	0,014	0,062	FALSE
-0,160	0,280	-0,005	0,010	0,214	FALSE
-0,261	0,273	-0,012	0,016	0,350	FALSE
-0,199	0,280	-0,005	0,008	0,231	FALSE
-0,206	0,288	-0,005	0,009	0,243	FALSE
0,119	0,278	0,006	0,016	0,153	FALSE
-0,040	0,272	0,000	0,009	0,018	FALSE
0,203	0,265	0,008	0,016	0,221	FALSE
-0,019	0,304	0,001	0,015	0,014	FALSE
-0,065	0,292	-0,005	0,018	0,105	FALSE
0,062	0,271	0,001	0,011	0,028	FALSE
-0,221	0,263	-0,006	0,008	0,355	FALSE
-0,075	0,278	-0,004	0,010	0,168	FALSE
0,032	0,290	0,002	0,010	0,064	FALSE
0,050	0,289	0,003	0,012	0,096	FALSE
-0,148	0,282	-0,003	0,010	0,105	FALSE
-0,139	0,288	-0,005	0,011	0,206	FALSE

-0,032	0,296	-0,002	0,012	0,052	FALSE
-0,034	0,282	-0,002	0,011	0,058	FALSE
-0,116	0,290	-0,004	0,016	0,099	FALSE
0,079	0,295	0,004	0,014	0,101	FALSE
-0,237	0,269	-0,010	0,013	0,337	FALSE
-0,076	0,286	-0,003	0,018	0,067	FALSE
-0,053	0,279	-0,002	0,010	0,071	FALSE
-0,042	0,284	-0,001	0,010	0,047	FALSE
-0,099	0,276	-0,003	0,013	0,092	FALSE
-0,057	0,284	-0,001	0,017	0,018	FALSE
-0,097	0,272	-0,005	0,015	0,133	FALSE
-0,043	0,280	-0,001	0,016	0,023	FALSE
-0,060	0,280	-0,002	0,015	0,046	FALSE
-0,087	0,249	-0,009	0,016	0,249	FALSE
0,154	0,278	0,010	0,017	0,269	FALSE
0,154	0,279	0,010	0,017	0,271	FALSE
0,173	0,272	0,011	0,016	0,295	FALSE
-0,069	0,278	-0,002	0,013	0,063	FALSE
0,178	0,276	0,007	0,012	0,265	FALSE
-0,095	0,278	-0,002	0,013	0,047	FALSE
0,054	0,284	0,004	0,015	0,098	FALSE
-0,079	0,279	-0,005	0,018	0,102	FALSE
0,120	0,290	0,004	0,009	0,178	FALSE
-0,034	0,285	-0,004	0,018	0,089	FALSE
-0,061	0,274	-0,005	0,017	0,116	FALSE
-0,112	0,266	-0,008	0,017	0,203	FALSE
-0,087	0,292	-0,007	0,018	0,153	FALSE
-0,116	0,282	-0,003	0,011	0,117	FALSE
-0,033	0,282	0,001	0,013	0,020	FALSE
0,137	0,266	0,003	0,008	0,148	FALSE
0,090	0,302	0,007	0,018	0,148	FALSE
-0,036	0,275	-0,003	0,017	0,062	FALSE
0,133	0,259	0,004	0,010	0,164	FALSE
-0,190	0,285	-0,009	0,014	0,305	FALSE
-0,040	0,291	-0,002	0,017	0,053	FALSE
0,020	0,282	0,000	0,017	0,001	FALSE
0,230	0,277	0,013	0,018	0,321	FALSE
0,038	0,288	0,001	0,017	0,017	FALSE
-0,007	0,280	-0,001	0,012	0,035	FALSE
0,069	0,281	0,005	0,013	0,140	FALSE
0,036	0,282	0,002	0,011	0,057	FALSE
-0,012	0,280	0,000	0,013	0,011	FALSE
-0,045	0,273	-0,002	0,013	0,062	FALSE
-0,024	0,288	-0,003	0,016	0,076	FALSE
-0,050	0,296	-0,001	0,012	0,039	FALSE
-0,064	0,283	-0,002	0,012	0,064	FALSE
0,011	0,284	0,002	0,010	0,076	FALSE
0,034	0,286	0,002	0,016	0,035	FALSE
0,023	0,278	0,000	0,016	0,008	FALSE
-0,198	0,270	-0,008	0,011	0,302	FALSE
-0,021	0,286	-0,001	0,014	0,017	FALSE
-0,014	0,282	0,000	0,016	0,001	FALSE
-0,081	0,280	-0,001	0,016	0,028	FALSE

0,138	0,284	0,002	0,009	0,095	FALSE
0,153	0,277	0,005	0,009	0,235	FALSE
0,155	0,275	0,006	0,017	0,151	FALSE
0,205	0,265	0,005	0,009	0,213	FALSE
0,006	0,291	0,001	0,015	0,036	FALSE
0,028	0,283	0,001	0,015	0,022	FALSE
0,050	0,285	0,003	0,012	0,102	FALSE
0,065	0,274	0,003	0,010	0,117	FALSE
-0,071	0,292	-0,002	0,016	0,058	FALSE
0,057	0,279	0,002	0,009	0,086	FALSE
0,060	0,281	0,000	0,010	0,007	FALSE
-0,031	0,275	-0,004	0,015	0,113	FALSE
-0,071	0,291	-0,003	0,013	0,081	FALSE
0,041	0,292	0,003	0,017	0,070	FALSE
0,182	0,280	0,008	0,013	0,278	FALSE
-0,127	0,285	-0,006	0,015	0,162	FALSE
-0,123	0,281	-0,002	0,009	0,081	FALSE
-0,033	0,289	0,000	0,015	0,005	FALSE
0,021	0,266	-0,001	0,011	0,033	FALSE
-0,048	0,286	-0,004	0,014	0,105	FALSE
0,083	0,261	0,004	0,010	0,171	FALSE
-0,016	0,279	0,001	0,014	0,018	FALSE
0,141	0,280	0,003	0,009	0,150	FALSE
-0,090	0,281	-0,003	0,016	0,071	FALSE
0,159	0,282	0,007	0,014	0,195	FALSE
0,116	0,284	0,006	0,014	0,161	FALSE
0,129	0,266	0,005	0,011	0,183	FALSE
-0,144	0,277	-0,005	0,011	0,186	FALSE
-0,115	0,281	-0,006	0,017	0,154	FALSE
0,162	0,261	0,007	0,012	0,225	FALSE
0,187	0,271	0,009	0,013	0,293	FALSE
0,021	0,285	-0,001	0,012	0,017	FALSE
0,011	0,285	0,001	0,011	0,049	FALSE
0,071	0,282	0,001	0,010	0,044	FALSE
0,011	0,275	0,002	0,016	0,047	FALSE
0,029	0,275	0,000	0,011	0,000	FALSE
0,014	0,292	0,001	0,010	0,022	FALSE
0,030	0,277	0,001	0,008	0,035	FALSE
-0,033	0,284	0,000	0,012	0,013	FALSE
0,029	0,272	0,000	0,010	0,009	FALSE
-0,148	0,274	-0,005	0,010	0,210	FALSE
0,049	0,295	0,005	0,018	0,106	FALSE
0,076	0,291	0,003	0,016	0,082	FALSE
-0,069	0,285	-0,003	0,015	0,067	FALSE
-0,002	0,277	0,001	0,015	0,034	FALSE
0,096	0,278	0,004	0,012	0,154	FALSE
-0,041	0,280	-0,001	0,009	0,036	FALSE
-0,136	0,285	-0,010	0,018	0,240	FALSE
0,020	0,292	0,000	0,009	0,016	FALSE
-0,175	0,276	-0,009	0,017	0,219	FALSE
0,042	0,292	0,002	0,010	0,077	FALSE
-0,008	0,295	0,001	0,010	0,049	FALSE
0,109	0,269	0,004	0,012	0,133	FALSE

0,005	0,293	0,001	0,009	0,057	FALSE
-0,030	0,281	0,000	0,016	0,005	FALSE
-0,003	0,287	0,000	0,015	0,000	FALSE
0,057	0,277	0,001	0,017	0,022	FALSE
0,160	0,286	0,005	0,009	0,246	FALSE
0,168	0,279	0,005	0,009	0,248	FALSE
-0,080	0,287	-0,002	0,009	0,078	FALSE
-0,088	0,291	-0,002	0,009	0,087	FALSE
0,178	0,303	0,008	0,017	0,195	FALSE
0,098	0,273	0,006	0,010	0,244	FALSE
-0,165	0,285	-0,010	0,015	0,275	FALSE
-0,191	0,283	-0,011	0,014	0,360	FALSE
-0,116	0,274	-0,005	0,016	0,128	FALSE
0,207	0,273	0,012	0,017	0,324	FALSE
-0,071	0,280	-0,002	0,017	0,033	FALSE
0,003	0,284	0,001	0,012	0,029	FALSE
-0,053	0,285	-0,003	0,010	0,106	FALSE
-0,133	0,283	-0,007	0,017	0,168	FALSE
0,011	0,280	0,001	0,011	0,039	FALSE
0,089	0,279	0,003	0,010	0,129	FALSE
-0,012	0,288	0,000	0,010	0,001	FALSE
0,037	0,283	0,000	0,013	0,002	FALSE
0,171	0,285	0,005	0,011	0,170	FALSE
0,034	0,282	0,002	0,009	0,093	FALSE
0,018	0,302	0,002	0,010	0,058	FALSE
0,044	0,290	0,001	0,016	0,033	FALSE
-0,095	0,287	-0,002	0,010	0,076	FALSE
0,058	0,278	0,002	0,016	0,046	FALSE
-0,049	0,285	-0,002	0,015	0,043	FALSE
0,149	0,271	0,008	0,018	0,194	FALSE
0,186	0,275	0,010	0,018	0,252	FALSE
-0,056	0,278	-0,002	0,015	0,055	FALSE
0,211	0,261	0,008	0,009	0,391	FALSE
-0,158	0,256	-0,008	0,016	0,221	FALSE
-0,042	0,280	-0,002	0,013	0,057	FALSE
-0,060	0,281	-0,004	0,011	0,164	FALSE
0,142	0,274	0,007	0,012	0,229	FALSE
-0,076	0,293	-0,004	0,018	0,090	FALSE
0,049	0,295	0,002	0,009	0,074	FALSE
-0,042	0,286	-0,001	0,011	0,049	FALSE
0,061	0,274	0,002	0,010	0,079	FALSE
0,019	0,294	0,000	0,011	0,005	FALSE
0,032	0,292	0,002	0,012	0,069	FALSE
0,141	0,280	0,007	0,016	0,175	FALSE
-0,025	0,285	0,000	0,011	0,009	FALSE
0,094	0,289	0,006	0,017	0,129	FALSE
-0,056	0,291	-0,003	0,017	0,077	FALSE
-0,046	0,303	-0,003	0,018	0,056	FALSE
0,059	0,268	0,001	0,011	0,035	FALSE
0,068	0,289	0,002	0,010	0,098	FALSE
-0,064	0,280	-0,003	0,012	0,079	FALSE
0,128	0,279	0,008	0,012	0,269	FALSE
0,178	0,288	0,005	0,010	0,214	FALSE

0,091	0,281	0,003	0,009	0,116	FALSE
0,050	0,302	0,002	0,012	0,055	FALSE
-0,126	0,287	-0,009	0,016	0,236	FALSE
0,056	0,283	0,006	0,016	0,156	FALSE
0,111	0,269	0,004	0,011	0,131	FALSE
0,108	0,274	0,005	0,011	0,179	FALSE
0,079	0,285	0,005	0,011	0,174	FALSE
0,000	0,295	0,001	0,012	0,027	FALSE
0,110	0,286	0,005	0,010	0,218	FALSE
0,124	0,295	0,006	0,011	0,214	FALSE
-0,217	0,284	-0,009	0,012	0,381	FALSE
0,071	0,294	0,004	0,014	0,112	FALSE
-0,057	0,293	-0,002	0,009	0,063	FALSE
0,049	0,277	0,003	0,012	0,086	FALSE
0,179	0,270	0,005	0,009	0,223	FALSE
0,039	0,294	0,004	0,014	0,105	FALSE
0,036	0,299	0,003	0,017	0,062	FALSE
0,012	0,286	0,001	0,016	0,028	FALSE
0,017	0,284	0,001	0,015	0,023	FALSE
-0,147	0,267	-0,006	0,012	0,204	FALSE
0,025	0,287	0,000	0,011	0,007	FALSE
0,008	0,286	0,000	0,012	0,009	FALSE
-0,073	0,284	-0,003	0,017	0,076	FALSE
-0,067	0,290	-0,003	0,016	0,058	FALSE
-0,048	0,291	-0,002	0,016	0,054	FALSE
0,042	0,290	0,001	0,010	0,055	FALSE
-0,040	0,276	-0,002	0,013	0,042	FALSE
-0,005	0,283	0,000	0,016	0,009	FALSE
0,062	0,278	0,001	0,009	0,057	FALSE
0,082	0,272	0,001	0,009	0,051	FALSE
-0,011	0,284	-0,001	0,012	0,017	FALSE
-0,010	0,281	-0,001	0,013	0,025	FALSE
0,034	0,281	0,000	0,008	0,021	FALSE
0,151	0,279	0,004	0,009	0,177	FALSE
0,011	0,281	0,000	0,015	0,003	FALSE
-0,004	0,296	0,000	0,016	0,003	FALSE
-0,079	0,283	-0,004	0,011	0,152	FALSE
-0,015	0,291	0,001	0,009	0,043	FALSE
0,214	0,274	0,006	0,011	0,263	FALSE
0,130	0,277	0,004	0,009	0,163	FALSE
0,267	0,264	0,009	0,011	0,381	TRUE
-0,008	0,300	0,001	0,014	0,035	FALSE
-0,015	0,284	-0,001	0,016	0,015	FALSE
0,253	0,264	0,013	0,014	0,446	FALSE
-0,143	0,271	-0,004	0,012	0,132	FALSE
0,025	0,268	0,001	0,017	0,021	FALSE
0,093	0,293	0,003	0,013	0,104	FALSE
0,042	0,275	0,000	0,015	0,002	FALSE
-0,209	0,262	-0,007	0,010	0,321	FALSE
0,022	0,296	0,001	0,010	0,047	FALSE
-0,118	0,282	-0,010	0,018	0,239	FALSE
-0,163	0,283	-0,004	0,011	0,154	FALSE
0,053	0,285	0,002	0,016	0,036	FALSE

-0,129	0,282	-0,005	0,017	0,122	FALSE
0,120	0,286	0,004	0,009	0,169	FALSE
0,140	0,273	0,004	0,009	0,188	FALSE
0,001	0,274	-0,001	0,009	0,028	FALSE
0,115	0,285	0,003	0,011	0,104	FALSE
-0,044	0,288	0,000	0,009	0,020	FALSE
0,143	0,282	0,005	0,009	0,258	FALSE
-0,011	0,279	0,000	0,011	0,005	FALSE
0,114	0,263	0,001	0,014	0,031	FALSE
-0,041	0,283	-0,004	0,015	0,093	FALSE
-0,045	0,267	0,001	0,017	0,021	FALSE
0,082	0,277	0,002	0,011	0,067	FALSE
0,120	0,280	0,007	0,016	0,188	FALSE
0,035	0,287	0,002	0,015	0,038	FALSE
0,182	0,265	0,006	0,010	0,278	FALSE
-0,137	0,282	-0,006	0,011	0,233	FALSE
0,030	0,271	0,002	0,014	0,061	FALSE
0,124	0,269	0,008	0,017	0,185	FALSE
-0,024	0,284	-0,001	0,009	0,054	FALSE
0,089	0,287	0,003	0,014	0,076	FALSE
-0,188	0,280	-0,009	0,012	0,360	FALSE
0,100	0,269	0,005	0,016	0,112	FALSE
0,101	0,269	0,003	0,011	0,092	FALSE
0,020	0,270	0,000	0,016	0,005	FALSE
0,072	0,271	0,003	0,013	0,087	FALSE
0,074	0,290	0,000	0,010	0,016	FALSE
0,102	0,274	0,001	0,010	0,045	FALSE
0,032	0,279	0,003	0,013	0,076	FALSE
0,083	0,293	0,003	0,018	0,072	FALSE
0,114	0,302	0,004	0,009	0,160	FALSE
-0,040	0,269	-0,002	0,012	0,050	FALSE
-0,017	0,272	0,000	0,017	0,007	FALSE
0,069	0,285	0,006	0,017	0,140	FALSE
-0,150	0,283	-0,005	0,012	0,183	FALSE
-0,055	0,273	-0,003	0,016	0,074	FALSE
-0,077	0,282	-0,005	0,014	0,137	FALSE
-0,035	0,297	-0,002	0,011	0,059	FALSE
0,230	0,272	0,008	0,012	0,305	FALSE
0,053	0,279	0,002	0,012	0,068	FALSE
0,010	0,286	0,001	0,015	0,029	FALSE
0,115	0,291	0,003	0,012	0,106	FALSE
0,101	0,279	0,005	0,012	0,163	FALSE
0,198	0,268	0,009	0,014	0,296	FALSE
-0,196	0,280	-0,006	0,009	0,276	FALSE
0,145	0,268	0,006	0,015	0,153	FALSE
0,087	0,284	0,003	0,009	0,136	FALSE
0,001	0,274	0,000	0,009	0,004	FALSE
0,051	0,286	0,003	0,015	0,071	FALSE
0,006	0,285	0,001	0,012	0,019	FALSE
0,114	0,275	0,004	0,017	0,092	FALSE
0,181	0,276	0,005	0,010	0,226	FALSE
-0,133	0,268	-0,006	0,012	0,188	FALSE
-0,090	0,281	-0,004	0,013	0,116	FALSE

-0,013	0,291	-0,003	0,017	0,056	FALSE
0,178	0,270	0,005	0,009	0,244	FALSE
-0,050	0,294	0,000	0,010	0,017	FALSE
0,040	0,288	0,001	0,011	0,035	FALSE
-0,033	0,277	-0,001	0,008	0,057	FALSE
0,045	0,279	0,002	0,011	0,056	FALSE
-0,207	0,281	-0,006	0,010	0,261	FALSE
-0,173	0,279	-0,005	0,011	0,203	FALSE
0,078	0,283	0,003	0,009	0,116	FALSE
-0,080	0,286	-0,003	0,010	0,108	FALSE
-0,100	0,284	-0,003	0,009	0,152	FALSE
-0,178	0,273	-0,010	0,017	0,259	FALSE
0,060	0,290	0,002	0,017	0,036	FALSE
-0,024	0,290	-0,001	0,010	0,041	FALSE
0,145	0,301	0,006	0,012	0,215	FALSE
0,018	0,282	0,001	0,017	0,027	FALSE
0,042	0,269	0,002	0,016	0,054	FALSE
-0,004	0,277	-0,002	0,017	0,031	FALSE
0,143	0,268	0,006	0,013	0,196	FALSE
0,123	0,263	0,005	0,016	0,122	FALSE
0,020	0,287	0,002	0,009	0,073	FALSE
0,006	0,296	0,001	0,009	0,051	FALSE
0,018	0,289	0,002	0,009	0,069	FALSE
0,082	0,271	0,004	0,014	0,115	FALSE
-0,122	0,290	-0,003	0,010	0,096	FALSE
0,054	0,288	0,004	0,017	0,099	FALSE
-0,063	0,283	-0,006	0,016	0,145	FALSE
0,014	0,295	0,000	0,009	0,005	FALSE
0,098	0,282	0,005	0,012	0,154	FALSE
0,089	0,283	0,006	0,014	0,178	FALSE
-0,185	0,276	-0,007	0,011	0,280	FALSE
-0,147	0,273	-0,003	0,009	0,119	FALSE
0,114	0,277	0,003	0,015	0,067	FALSE
-0,090	0,283	-0,003	0,010	0,103	FALSE
-0,121	0,276	-0,003	0,010	0,109	FALSE
0,112	0,282	0,003	0,009	0,132	FALSE
0,055	0,299	0,004	0,014	0,099	FALSE
-0,011	0,279	-0,002	0,011	0,065	FALSE
-0,051	0,271	-0,002	0,010	0,073	FALSE
0,027	0,279	0,003	0,017	0,063	FALSE
0,106	0,282	0,006	0,017	0,128	FALSE
-0,026	0,296	0,000	0,017	0,009	FALSE
-0,011	0,290	0,001	0,017	0,027	FALSE
-0,055	0,281	-0,004	0,018	0,094	FALSE
0,244	0,275	0,013	0,015	0,404	FALSE
-0,004	0,289	-0,001	0,010	0,049	FALSE
0,057	0,281	0,002	0,010	0,084	FALSE
-0,175	0,279	-0,005	0,011	0,208	FALSE
0,020	0,285	0,000	0,009	0,018	FALSE
0,014	0,284	0,003	0,011	0,097	FALSE
0,121	0,286	0,004	0,013	0,120	FALSE
-0,105	0,274	-0,005	0,010	0,203	FALSE
0,015	0,286	0,001	0,016	0,026	FALSE

-0,091	0,284	-0,003	0,017	0,066	FALSE
-0,018	0,286	0,001	0,017	0,027	FALSE
-0,038	0,288	-0,002	0,015	0,041	FALSE
-0,090	0,279	-0,007	0,017	0,178	FALSE
-0,102	0,279	-0,007	0,017	0,179	FALSE
-0,051	0,300	-0,003	0,018	0,054	FALSE
-0,084	0,282	-0,004	0,017	0,083	FALSE
0,017	0,282	0,001	0,009	0,045	FALSE
-0,100	0,287	-0,008	0,016	0,199	FALSE
0,017	0,294	0,001	0,016	0,027	FALSE
-0,015	0,285	0,000	0,014	0,009	FALSE
-0,120	0,297	-0,006	0,015	0,158	FALSE
-0,057	0,292	-0,002	0,011	0,069	FALSE
0,086	0,274	0,002	0,009	0,071	FALSE
-0,183	0,290	-0,007	0,012	0,232	FALSE
-0,039	0,283	0,000	0,008	0,016	FALSE
0,117	0,280	0,007	0,016	0,185	FALSE
0,060	0,288	0,004	0,018	0,092	FALSE
-0,010	0,289	0,000	0,018	0,002	FALSE
0,033	0,279	0,003	0,014	0,066	FALSE
0,091	0,270	0,005	0,016	0,120	FALSE
-0,006	0,285	-0,001	0,010	0,046	FALSE
-0,123	0,290	-0,003	0,012	0,107	FALSE
0,037	0,289	0,001	0,009	0,027	FALSE
-0,099	0,279	-0,002	0,009	0,099	FALSE
-0,133	0,277	-0,006	0,015	0,180	FALSE
0,020	0,295	0,001	0,013	0,034	FALSE
-0,034	0,291	-0,001	0,009	0,064	FALSE
-0,045	0,280	-0,002	0,009	0,075	FALSE
0,061	0,284	0,003	0,017	0,075	FALSE
-0,037	0,298	-0,001	0,009	0,036	FALSE
0,126	0,270	0,006	0,012	0,200	FALSE
0,093	0,280	0,007	0,017	0,161	FALSE
0,088	0,272	0,006	0,016	0,143	FALSE
0,145	0,265	0,005	0,010	0,202	FALSE
-0,063	0,275	-0,003	0,013	0,086	FALSE
-0,050	0,290	-0,001	0,010	0,055	FALSE
0,028	0,284	0,001	0,012	0,043	FALSE
0,119	0,282	0,003	0,010	0,128	FALSE
-0,068	0,279	-0,002	0,009	0,104	FALSE
-0,078	0,286	-0,004	0,012	0,130	FALSE
0,062	0,289	0,004	0,014	0,118	FALSE
0,132	0,284	0,005	0,014	0,155	FALSE
-0,137	0,291	-0,004	0,009	0,156	FALSE
0,168	0,270	0,007	0,017	0,176	FALSE
0,061	0,275	0,002	0,009	0,077	FALSE
-0,116	0,288	-0,006	0,016	0,140	FALSE
0,010	0,288	-0,002	0,018	0,035	FALSE
0,137	0,274	0,005	0,014	0,138	FALSE
-0,107	0,272	-0,006	0,017	0,142	FALSE
0,087	0,270	0,003	0,008	0,129	FALSE
0,103	0,277	0,003	0,009	0,129	FALSE
-0,139	0,293	-0,005	0,014	0,128	FALSE

-0,010	0,290	0,001	0,009	0,051	FALSE
-0,136	0,276	-0,010	0,016	0,258	FALSE
-0,006	0,300	-0,001	0,011	0,030	FALSE
0,027	0,287	0,000	0,013	0,008	FALSE
-0,054	0,307	-0,002	0,019	0,047	FALSE
0,003	0,297	0,000	0,016	0,009	FALSE
0,064	0,277	0,002	0,017	0,034	FALSE
-0,134	0,277	-0,004	0,011	0,133	FALSE
0,065	0,275	0,001	0,011	0,043	FALSE
0,032	0,292	0,001	0,013	0,017	FALSE
-0,057	0,271	-0,006	0,017	0,133	FALSE
-0,016	0,275	0,000	0,011	0,003	FALSE
-0,220	0,251	-0,013	0,017	0,366	FALSE
0,167	0,262	0,007	0,013	0,216	FALSE
0,153	0,268	0,006	0,013	0,194	FALSE
0,014	0,288	0,002	0,014	0,052	FALSE
0,190	0,286	0,009	0,015	0,282	FALSE
-0,018	0,283	-0,002	0,017	0,040	FALSE
0,177	0,279	0,006	0,011	0,220	FALSE
-0,082	0,272	-0,004	0,014	0,108	FALSE
0,115	0,289	0,008	0,017	0,187	FALSE
0,052	0,276	0,004	0,017	0,084	FALSE
0,031	0,274	0,000	0,010	0,015	FALSE
-0,130	0,273	-0,005	0,010	0,229	FALSE
0,037	0,283	0,003	0,012	0,091	FALSE
-0,059	0,285	-0,002	0,009	0,073	FALSE
-0,023	0,287	-0,001	0,011	0,019	FALSE
-0,059	0,283	-0,002	0,010	0,089	FALSE
0,098	0,263	0,001	0,008	0,034	FALSE
-0,059	0,284	-0,003	0,011	0,119	FALSE
-0,340	0,265	-0,016	0,012	0,757	FALSE
-0,077	0,279	-0,007	0,018	0,153	FALSE
0,005	0,281	0,002	0,011	0,055	FALSE
0,029	0,281	0,002	0,018	0,039	FALSE
0,050	0,283	0,000	0,010	0,009	FALSE
-0,075	0,286	-0,004	0,013	0,118	FALSE
-0,080	0,275	-0,002	0,009	0,077	FALSE
0,152	0,284	0,007	0,012	0,243	FALSE
-0,106	0,280	-0,004	0,012	0,121	FALSE
0,003	0,295	0,000	0,010	0,014	FALSE
0,240	0,275	0,012	0,015	0,383	FALSE
-0,182	0,280	-0,005	0,009	0,260	FALSE
-0,089	0,287	-0,002	0,009	0,087	FALSE
0,051	0,277	0,001	0,016	0,025	FALSE
0,098	0,262	0,005	0,013	0,156	FALSE
0,131	0,289	0,004	0,010	0,147	FALSE
0,095	0,277	0,004	0,011	0,136	FALSE
-0,051	0,299	-0,003	0,014	0,076	FALSE
0,106	0,283	0,005	0,010	0,202	FALSE
-0,005	0,286	0,000	0,017	0,006	FALSE
-0,032	0,283	-0,002	0,016	0,053	FALSE
0,097	0,283	0,005	0,016	0,122	FALSE
-0,057	0,286	-0,003	0,014	0,084	FALSE

-0,117	0,300	-0,004	0,009	0,159	FALSE
0,063	0,276	0,004	0,015	0,091	FALSE
0,109	0,266	0,007	0,016	0,185	FALSE
0,052	0,287	0,002	0,013	0,069	FALSE
-0,015	0,284	-0,001	0,009	0,022	FALSE
-0,039	0,275	-0,001	0,016	0,018	FALSE
-0,043	0,296	-0,002	0,012	0,056	FALSE
0,180	0,272	0,007	0,010	0,316	FALSE
-0,104	0,274	-0,005	0,011	0,197	FALSE
0,023	0,289	0,001	0,013	0,020	FALSE
0,131	0,268	0,008	0,017	0,189	FALSE
0,131	0,253	0,009	0,016	0,229	FALSE
-0,020	0,295	-0,001	0,013	0,033	FALSE
0,064	0,278	0,000	0,009	0,013	FALSE
0,011	0,267	0,001	0,009	0,045	FALSE
-0,041	0,295	-0,001	0,017	0,019	FALSE
-0,161	0,289	-0,005	0,009	0,202	FALSE
-0,085	0,272	-0,001	0,012	0,034	FALSE
0,041	0,289	0,003	0,010	0,140	FALSE
0,032	0,277	0,003	0,010	0,101	FALSE
0,052	0,277	0,006	0,015	0,158	FALSE
-0,036	0,256	-0,001	0,008	0,061	FALSE
0,098	0,269	0,001	0,009	0,053	FALSE
-0,050	0,292	-0,002	0,015	0,050	FALSE
-0,028	0,288	-0,004	0,017	0,088	FALSE
-0,119	0,292	-0,009	0,018	0,218	FALSE
0,022	0,297	0,001	0,015	0,019	FALSE
-0,003	0,291	0,002	0,017	0,040	FALSE
0,060	0,280	0,001	0,009	0,040	FALSE
0,042	0,285	0,004	0,016	0,092	FALSE
0,131	0,268	0,003	0,010	0,126	FALSE
-0,101	0,297	-0,003	0,010	0,134	FALSE
-0,020	0,289	-0,003	0,015	0,065	FALSE
-0,020	0,276	-0,002	0,010	0,053	FALSE
-0,048	0,283	-0,002	0,011	0,078	FALSE
0,021	0,288	0,000	0,009	0,011	FALSE
-0,145	0,276	-0,004	0,009	0,162	FALSE
0,008	0,274	0,001	0,012	0,033	FALSE
0,011	0,279	-0,001	0,010	0,027	FALSE
-0,046	0,288	-0,003	0,010	0,117	FALSE
-0,201	0,292	-0,007	0,012	0,248	FALSE
-0,048	0,280	-0,002	0,013	0,047	FALSE
-0,051	0,269	-0,004	0,012	0,126	FALSE
-0,091	0,284	-0,003	0,009	0,115	FALSE
0,113	0,291	0,003	0,012	0,091	FALSE
-0,064	0,289	-0,002	0,014	0,050	FALSE
0,020	0,284	0,001	0,014	0,037	FALSE
0,003	0,290	0,001	0,009	0,021	FALSE
-0,163	0,280	-0,007	0,015	0,190	FALSE
-0,254	0,264	-0,007	0,010	0,323	FALSE
-0,070	0,295	-0,004	0,018	0,096	FALSE
0,171	0,263	0,005	0,016	0,129	FALSE
-0,152	0,289	-0,002	0,009	0,095	FALSE

0,020	0,295	0,001	0,010	0,028	FALSE
-0,019	0,298	0,000	0,011	0,011	FALSE
-0,080	0,285	-0,005	0,016	0,133	FALSE
0,016	0,289	0,000	0,009	0,015	FALSE
-0,018	0,282	-0,001	0,010	0,052	FALSE
-0,054	0,273	-0,003	0,016	0,060	FALSE
-0,295	0,280	-0,013	0,016	0,390	FALSE
-0,288	0,270	-0,012	0,015	0,380	FALSE
-0,293	0,278	-0,012	0,014	0,438	FALSE
0,029	0,281	0,001	0,010	0,022	FALSE
0,061	0,276	0,004	0,012	0,116	FALSE
-0,156	0,275	-0,012	0,017	0,331	FALSE
0,169	0,270	0,011	0,017	0,275	FALSE
0,094	0,286	0,006	0,016	0,147	FALSE
0,139	0,256	0,003	0,009	0,154	FALSE
-0,090	0,280	-0,004	0,011	0,161	FALSE
0,092	0,277	0,005	0,015	0,122	FALSE
0,138	0,290	0,004	0,010	0,158	FALSE
0,102	0,275	0,003	0,009	0,123	FALSE
-0,066	0,283	-0,002	0,010	0,058	FALSE
-0,108	0,281	-0,003	0,012	0,111	FALSE
0,110	0,284	0,005	0,018	0,120	FALSE
-0,005	0,271	-0,001	0,017	0,022	FALSE
-0,036	0,270	-0,004	0,014	0,115	FALSE
-0,013	0,269	-0,001	0,012	0,017	FALSE
0,025	0,285	0,003	0,017	0,070	FALSE
0,017	0,286	0,002	0,012	0,057	FALSE
-0,080	0,277	-0,002	0,017	0,046	FALSE
-0,162	0,279	-0,005	0,013	0,161	FALSE
0,229	0,272	0,006	0,009	0,274	FALSE
0,073	0,295	0,004	0,016	0,099	FALSE
0,021	0,281	0,001	0,015	0,036	FALSE
0,068	0,277	0,005	0,017	0,112	FALSE
0,011	0,287	0,003	0,018	0,055	FALSE
0,013	0,282	0,002	0,017	0,034	FALSE
-0,061	0,289	-0,004	0,017	0,084	FALSE
0,223	0,278	0,006	0,009	0,271	FALSE
0,057	0,288	0,001	0,009	0,027	FALSE
-0,108	0,280	-0,004	0,008	0,190	FALSE
-0,113	0,274	-0,004	0,009	0,167	FALSE
-0,022	0,298	0,001	0,017	0,020	FALSE
0,031	0,290	0,000	0,009	0,012	FALSE
0,018	0,285	0,002	0,009	0,064	FALSE
-0,035	0,294	0,000	0,015	0,002	FALSE
0,005	0,286	0,002	0,015	0,044	FALSE
0,015	0,277	0,001	0,016	0,019	FALSE
-0,220	0,282	-0,014	0,018	0,387	FALSE
-0,040	0,284	-0,001	0,011	0,040	FALSE
0,008	0,292	-0,001	0,016	0,016	FALSE
-0,138	0,282	-0,010	0,017	0,238	FALSE
-0,235	0,272	-0,007	0,012	0,261	FALSE
0,153	0,281	0,005	0,008	0,235	FALSE
-0,059	0,288	-0,001	0,010	0,055	FALSE

0,066	0,280	0,001	0,012	0,038	FALSE
0,129	0,287	0,006	0,017	0,128	FALSE
0,133	0,275	0,006	0,017	0,140	FALSE
-0,005	0,291	-0,001	0,017	0,012	FALSE
0,048	0,286	0,002	0,014	0,054	FALSE
0,012	0,280	0,003	0,012	0,102	FALSE
0,056	0,284	0,005	0,015	0,121	FALSE
0,246	0,261	0,009	0,014	0,295	FALSE
0,169	0,287	0,005	0,010	0,233	FALSE
0,112	0,269	0,004	0,008	0,188	FALSE
-0,036	0,295	-0,001	0,009	0,044	FALSE
0,131	0,281	0,006	0,013	0,167	FALSE
0,161	0,290	0,005	0,013	0,165	FALSE
-0,159	0,288	-0,010	0,016	0,268	FALSE
0,018	0,286	0,003	0,014	0,084	FALSE
0,189	0,282	0,011	0,018	0,279	FALSE
0,177	0,276	0,006	0,010	0,276	FALSE
0,068	0,275	0,004	0,013	0,117	FALSE
-0,037	0,285	-0,001	0,009	0,051	FALSE
0,066	0,280	0,002	0,009	0,069	FALSE
0,040	0,275	0,001	0,009	0,043	FALSE
-0,081	0,287	-0,005	0,017	0,103	FALSE
0,000	0,281	0,001	0,017	0,026	FALSE
0,098	0,286	0,004	0,011	0,161	FALSE
-0,065	0,268	-0,005	0,016	0,115	FALSE
-0,098	0,277	-0,003	0,009	0,115	FALSE
-0,019	0,284	-0,001	0,009	0,034	FALSE
0,026	0,277	0,002	0,010	0,089	FALSE
-0,010	0,291	0,000	0,012	0,010	FALSE
0,022	0,286	0,002	0,009	0,072	FALSE
0,081	0,285	0,003	0,012	0,087	FALSE
0,188	0,267	0,008	0,012	0,279	FALSE
-0,101	0,290	-0,007	0,014	0,195	FALSE
-0,139	0,301	-0,009	0,016	0,220	FALSE
0,015	0,288	0,001	0,009	0,040	FALSE
-0,061	0,293	-0,002	0,012	0,054	FALSE
-0,062	0,291	-0,001	0,012	0,039	FALSE
0,049	0,278	0,005	0,016	0,121	FALSE
-0,019	0,276	0,000	0,015	0,011	FALSE
-0,045	0,282	-0,003	0,015	0,084	FALSE
0,169	0,285	0,007	0,012	0,243	FALSE
0,093	0,292	0,005	0,014	0,141	FALSE
0,099	0,281	0,008	0,017	0,189	FALSE
-0,117	0,283	-0,004	0,010	0,140	FALSE
-0,049	0,294	-0,002	0,017	0,042	FALSE
-0,013	0,298	-0,001	0,012	0,028	FALSE
0,121	0,292	0,005	0,016	0,138	FALSE
0,143	0,286	0,007	0,014	0,220	FALSE
0,116	0,289	0,006	0,015	0,161	FALSE
0,164	0,290	0,007	0,013	0,237	FALSE
0,053	0,289	0,002	0,011	0,059	FALSE
0,166	0,268	0,004	0,010	0,185	FALSE
0,036	0,291	0,003	0,009	0,106	FALSE

0,033	0,282	0,001	0,008	0,052	FALSE
-0,072	0,276	-0,002	0,010	0,065	FALSE
-0,070	0,288	-0,002	0,014	0,056	FALSE
-0,044	0,281	0,000	0,009	0,003	FALSE
-0,067	0,287	-0,001	0,010	0,032	FALSE
0,008	0,271	-0,001	0,009	0,057	FALSE
-0,100	0,287	-0,002	0,011	0,075	FALSE
-0,114	0,296	-0,005	0,012	0,160	FALSE
0,238	0,282	0,006	0,008	0,317	FALSE
-0,022	0,291	-0,001	0,012	0,030	FALSE
0,020	0,289	0,000	0,010	0,013	FALSE
-0,103	0,279	-0,003	0,012	0,116	FALSE
-0,031	0,282	-0,002	0,012	0,053	FALSE
-0,041	0,288	-0,001	0,010	0,024	FALSE
0,032	0,281	0,001	0,010	0,029	FALSE
0,093	0,289	0,003	0,013	0,100	FALSE
0,009	0,284	-0,002	0,016	0,043	FALSE
0,026	0,296	0,000	0,016	0,008	FALSE
0,003	0,291	0,002	0,010	0,054	FALSE
0,000	0,298	0,000	0,013	0,004	FALSE
0,120	0,299	0,002	0,012	0,068	FALSE
-0,065	0,288	-0,001	0,010	0,041	FALSE
-0,084	0,281	-0,006	0,017	0,129	FALSE
-0,026	0,286	-0,001	0,018	0,025	FALSE
-0,032	0,287	0,000	0,010	0,016	FALSE
-0,056	0,276	-0,005	0,013	0,151	FALSE
0,004	0,282	0,000	0,009	0,003	FALSE
0,047	0,285	0,002	0,013	0,055	FALSE
-0,196	0,287	-0,011	0,016	0,299	FALSE
-0,007	0,289	0,001	0,016	0,019	FALSE
-0,050	0,279	-0,004	0,015	0,118	FALSE
-0,038	0,274	-0,001	0,010	0,037	FALSE
-0,026	0,286	-0,001	0,016	0,022	FALSE
-0,027	0,285	-0,002	0,009	0,074	FALSE
0,168	0,268	0,009	0,016	0,253	FALSE
-0,020	0,307	-0,001	0,017	0,026	FALSE
-0,039	0,282	-0,004	0,014	0,110	FALSE
-0,019	0,271	0,000	0,009	0,006	FALSE
-0,200	0,282	-0,010	0,016	0,277	FALSE
0,102	0,275	0,004	0,010	0,146	FALSE
0,082	0,279	0,002	0,009	0,103	FALSE
0,023	0,279	0,002	0,010	0,080	FALSE
0,028	0,281	0,000	0,009	0,016	FALSE
-0,035	0,283	0,000	0,010	0,005	FALSE
-0,064	0,285	-0,002	0,010	0,077	FALSE
-0,058	0,281	-0,002	0,009	0,082	FALSE
-0,037	0,298	-0,002	0,009	0,061	FALSE
-0,020	0,296	0,000	0,012	0,004	FALSE
0,046	0,289	0,003	0,014	0,074	FALSE
-0,036	0,289	-0,002	0,008	0,113	FALSE
-0,043	0,276	-0,004	0,015	0,102	FALSE
-0,020	0,292	-0,002	0,017	0,040	FALSE
-0,042	0,287	-0,004	0,012	0,142	FALSE

-0,152	0,277	-0,005	0,012	0,167	FALSE
0,068	0,276	0,003	0,017	0,074	FALSE
-0,157	0,302	-0,005	0,014	0,145	FALSE
0,104	0,278	0,004	0,013	0,131	FALSE
0,092	0,283	0,003	0,009	0,129	FALSE
-0,043	0,285	-0,002	0,015	0,062	FALSE
-0,084	0,285	-0,005	0,013	0,152	FALSE
-0,087	0,288	-0,005	0,013	0,139	FALSE
-0,024	0,285	0,000	0,010	0,006	FALSE
0,002	0,294	0,001	0,012	0,032	FALSE
-0,002	0,274	0,000	0,009	0,005	FALSE
0,080	0,279	0,004	0,012	0,114	FALSE
-0,057	0,282	-0,002	0,015	0,062	FALSE
-0,065	0,279	-0,003	0,014	0,088	FALSE
-0,062	0,279	-0,003	0,014	0,071	FALSE
0,090	0,271	0,001	0,009	0,028	FALSE
0,191	0,259	0,007	0,015	0,192	FALSE
-0,153	0,273	-0,008	0,015	0,231	FALSE
0,143	0,281	0,004	0,010	0,148	FALSE
-0,057	0,286	-0,002	0,010	0,091	FALSE
0,130	0,282	0,006	0,016	0,161	FALSE
0,198	0,265	0,006	0,010	0,282	FALSE
0,064	0,285	0,003	0,011	0,114	FALSE
0,131	0,289	0,008	0,018	0,185	FALSE
0,138	0,269	0,003	0,010	0,120	FALSE
-0,041	0,294	-0,001	0,015	0,033	FALSE
-0,133	0,275	-0,002	0,009	0,103	FALSE
0,182	0,264	0,007	0,013	0,217	FALSE
0,009	0,287	0,001	0,014	0,031	FALSE
0,001	0,301	0,002	0,015	0,040	FALSE
0,004	0,298	0,001	0,017	0,012	FALSE
-0,178	0,282	-0,007	0,011	0,276	FALSE
0,078	0,283	0,002	0,014	0,040	FALSE
-0,165	0,284	-0,006	0,013	0,193	FALSE
0,056	0,287	0,004	0,016	0,098	FALSE
-0,042	0,283	-0,008	0,018	0,174	FALSE
-0,245	0,254	-0,014	0,013	0,569	FALSE
-0,196	0,269	-0,012	0,014	0,413	FALSE
-0,190	0,264	-0,011	0,013	0,408	FALSE
0,043	0,285	0,000	0,010	0,015	FALSE
-0,185	0,284	-0,008	0,013	0,293	FALSE
-0,006	0,283	0,002	0,011	0,052	FALSE
0,041	0,280	0,002	0,010	0,099	FALSE
-0,072	0,294	-0,003	0,010	0,127	FALSE
-0,045	0,277	-0,003	0,010	0,120	FALSE
-0,061	0,286	0,000	0,009	0,013	FALSE
-0,026	0,269	0,001	0,017	0,020	FALSE
0,004	0,277	0,002	0,009	0,063	FALSE
-0,006	0,285	-0,001	0,009	0,032	FALSE
-0,126	0,282	-0,005	0,009	0,220	FALSE
0,008	0,301	0,002	0,017	0,052	FALSE
0,120	0,258	0,002	0,012	0,048	FALSE
-0,097	0,279	-0,004	0,016	0,086	FALSE

-0,010	0,273	-0,003	0,014	0,079	FALSE
0,107	0,279	0,010	0,016	0,278	FALSE
-0,016	0,293	-0,001	0,012	0,021	FALSE
0,109	0,273	0,003	0,009	0,116	FALSE
0,067	0,281	0,000	0,009	0,017	FALSE
-0,168	0,280	-0,009	0,018	0,210	FALSE
-0,010	0,291	0,001	0,013	0,021	FALSE
-0,184	0,288	-0,009	0,018	0,213	FALSE
0,012	0,291	0,001	0,018	0,015	FALSE
0,014	0,293	0,000	0,015	0,008	FALSE
0,076	0,271	0,007	0,016	0,173	FALSE
0,127	0,300	0,005	0,018	0,114	FALSE
-0,121	0,286	-0,007	0,016	0,172	FALSE
-0,021	0,287	-0,003	0,016	0,070	FALSE
0,000	0,295	-0,001	0,011	0,039	FALSE
-0,024	0,282	-0,001	0,008	0,022	FALSE
0,051	0,259	0,002	0,011	0,061	FALSE
-0,050	0,288	0,000	0,011	0,007	FALSE
-0,008	0,288	0,002	0,016	0,054	FALSE
-0,088	0,289	-0,004	0,014	0,102	FALSE
-0,109	0,285	-0,002	0,009	0,100	FALSE
0,194	0,268	0,005	0,009	0,232	FALSE
-0,224	0,277	-0,014	0,017	0,385	FALSE
0,003	0,294	0,000	0,018	0,000	FALSE
0,012	0,281	0,001	0,010	0,034	FALSE
-0,029	0,294	0,001	0,012	0,033	FALSE
-0,074	0,276	-0,001	0,009	0,032	FALSE
0,078	0,285	0,003	0,016	0,061	FALSE
-0,042	0,286	-0,002	0,012	0,075	FALSE
0,016	0,290	0,000	0,010	0,010	FALSE
0,149	0,296	0,007	0,016	0,167	FALSE
-0,070	0,282	-0,003	0,014	0,097	FALSE
-0,048	0,286	-0,001	0,012	0,016	FALSE
-0,183	0,282	-0,007	0,014	0,216	FALSE
0,111	0,284	0,006	0,012	0,188	FALSE
0,056	0,287	-0,001	0,015	0,013	FALSE
-0,117	0,278	-0,005	0,011	0,184	FALSE
-0,119	0,288	-0,005	0,010	0,200	FALSE
-0,092	0,283	-0,003	0,011	0,088	FALSE
0,011	0,275	0,000	0,008	0,007	FALSE
0,015	0,286	0,001	0,010	0,022	FALSE
-0,120	0,289	-0,003	0,010	0,103	FALSE
-0,064	0,281	-0,005	0,016	0,126	FALSE
-0,013	0,272	0,000	0,009	0,016	FALSE
0,085	0,284	0,002	0,010	0,081	FALSE
-0,035	0,278	-0,004	0,011	0,142	FALSE
0,019	0,290	0,002	0,010	0,059	FALSE
-0,031	0,273	0,000	0,015	0,006	FALSE
-0,200	0,266	-0,012	0,016	0,347	FALSE
-0,201	0,285	-0,008	0,011	0,339	FALSE
0,083	0,293	0,008	0,018	0,180	FALSE
0,063	0,294	0,004	0,016	0,100	FALSE
-0,090	0,288	-0,003	0,010	0,128	FALSE

-0,179	0,259	-0,005	0,008	0,292	FALSE
0,075	0,290	0,004	0,014	0,109	FALSE
-0,150	0,292	-0,006	0,015	0,154	FALSE
0,044	0,276	0,004	0,015	0,098	FALSE
0,011	0,273	0,000	0,013	0,002	FALSE
-0,041	0,284	0,000	0,013	0,003	FALSE
-0,028	0,275	-0,004	0,015	0,100	FALSE
0,037	0,288	0,000	0,011	0,012	FALSE
0,100	0,289	0,006	0,014	0,160	FALSE
-0,093	0,274	-0,001	0,009	0,042	FALSE
-0,035	0,294	0,000	0,017	0,007	FALSE
-0,188	0,283	-0,009	0,012	0,331	FALSE
0,022	0,273	0,000	0,010	0,001	FALSE
-0,026	0,264	-0,003	0,016	0,080	FALSE
-0,060	0,282	-0,003	0,015	0,067	FALSE
0,067	0,267	0,001	0,014	0,036	FALSE
0,042	0,282	0,000	0,012	0,008	FALSE
-0,021	0,279	-0,001	0,014	0,016	FALSE
0,168	0,277	0,005	0,011	0,188	FALSE
-0,064	0,282	-0,002	0,010	0,072	FALSE
-0,117	0,281	-0,003	0,011	0,113	FALSE
0,140	0,281	0,007	0,017	0,170	FALSE
0,075	0,285	0,002	0,012	0,074	FALSE
-0,271	0,251	-0,008	0,010	0,394	FALSE
0,024	0,284	0,002	0,018	0,042	FALSE
-0,099	0,294	-0,008	0,018	0,172	FALSE
0,147	0,277	0,009	0,014	0,287	FALSE
-0,001	0,303	-0,001	0,018	0,020	FALSE
-0,044	0,266	-0,001	0,012	0,015	FALSE
0,094	0,286	0,007	0,017	0,164	FALSE
-0,137	0,298	-0,005	0,009	0,214	FALSE
-0,036	0,270	-0,001	0,016	0,019	FALSE
0,010	0,276	0,002	0,015	0,038	FALSE
-0,124	0,287	-0,003	0,009	0,151	FALSE
0,171	0,286	0,011	0,017	0,280	FALSE
0,230	0,261	0,008	0,008	0,481	FALSE
-0,050	0,288	-0,004	0,016	0,094	FALSE
0,018	0,290	0,003	0,016	0,071	FALSE
-0,031	0,289	-0,003	0,015	0,062	FALSE
-0,073	0,287	-0,003	0,017	0,062	FALSE
0,073	0,283	0,001	0,010	0,036	FALSE
-0,024	0,283	-0,002	0,017	0,035	FALSE
-0,056	0,295	-0,002	0,018	0,034	FALSE
-0,105	0,282	-0,007	0,017	0,160	FALSE
-0,100	0,283	-0,004	0,010	0,143	FALSE
-0,012	0,277	-0,002	0,013	0,061	FALSE
0,012	0,298	-0,002	0,016	0,034	FALSE
-0,118	0,281	-0,005	0,012	0,185	FALSE
0,157	0,281	0,004	0,009	0,184	FALSE
0,102	0,286	0,004	0,014	0,114	FALSE
0,122	0,273	0,005	0,016	0,119	FALSE
-0,236	0,270	-0,012	0,017	0,324	FALSE
0,144	0,262	0,008	0,014	0,250	FALSE

0,141	0,280	0,008	0,014	0,249	FALSE
0,016	0,289	0,000	0,009	0,017	FALSE
0,081	0,277	0,003	0,017	0,063	FALSE
0,051	0,289	0,002	0,009	0,076	FALSE
-0,150	0,285	-0,008	0,013	0,253	FALSE
-0,022	0,295	0,001	0,017	0,026	FALSE
0,087	0,285	0,004	0,013	0,119	FALSE
-0,047	0,291	-0,002	0,016	0,056	FALSE
-0,172	0,286	-0,009	0,018	0,202	FALSE
-0,057	0,280	-0,002	0,013	0,067	FALSE
-0,094	0,279	-0,004	0,013	0,130	FALSE
-0,116	0,281	-0,006	0,014	0,172	FALSE
0,086	0,276	0,004	0,012	0,118	FALSE
0,024	0,289	0,001	0,010	0,020	FALSE
0,153	0,284	0,010	0,017	0,267	FALSE
0,046	0,286	0,000	0,011	0,013	FALSE
0,232	0,283	0,014	0,017	0,381	FALSE
-0,089	0,282	-0,003	0,010	0,126	FALSE
0,018	0,278	0,000	0,010	0,017	FALSE
-0,205	0,282	-0,007	0,011	0,305	FALSE
-0,149	0,297	-0,004	0,011	0,170	FALSE
0,124	0,268	0,003	0,009	0,112	FALSE
-0,110	0,286	-0,003	0,010	0,122	FALSE
0,049	0,294	0,002	0,017	0,054	FALSE
-0,155	0,281	-0,005	0,011	0,181	FALSE
-0,017	0,280	0,000	0,009	0,003	FALSE
0,003	0,285	0,001	0,017	0,022	FALSE
-0,024	0,286	-0,002	0,015	0,062	FALSE
-0,036	0,292	-0,003	0,015	0,087	FALSE
-0,012	0,289	0,001	0,012	0,021	FALSE
-0,081	0,276	-0,005	0,017	0,112	FALSE
-0,049	0,283	-0,003	0,017	0,061	FALSE
0,025	0,263	0,001	0,011	0,028	FALSE
0,045	0,296	0,002	0,010	0,071	FALSE
-0,054	0,281	-0,002	0,014	0,054	FALSE
-0,026	0,295	0,001	0,011	0,021	FALSE
0,062	0,280	0,000	0,011	0,013	FALSE
-0,068	0,273	-0,004	0,017	0,091	FALSE
-0,147	0,273	-0,007	0,015	0,190	FALSE
0,138	0,262	0,007	0,014	0,206	FALSE
0,004	0,277	-0,002	0,017	0,053	FALSE
0,123	0,274	0,006	0,018	0,125	FALSE
0,335	0,264	0,011	0,010	0,582	FALSE
-0,016	0,291	-0,001	0,015	0,015	FALSE
-0,083	0,293	-0,006	0,017	0,130	FALSE
-0,054	0,288	-0,003	0,014	0,090	FALSE
-0,050	0,269	-0,002	0,014	0,063	FALSE
0,061	0,278	0,002	0,013	0,061	FALSE
0,231	0,279	0,010	0,013	0,335	FALSE
0,275	0,273	0,016	0,015	0,551	FALSE
0,152	0,295	0,005	0,011	0,197	FALSE
-0,024	0,290	-0,001	0,010	0,044	FALSE
-0,188	0,283	-0,008	0,014	0,234	FALSE

0,053	0,276	0,005	0,015	0,126	FALSE
0,049	0,291	0,002	0,009	0,096	FALSE
-0,172	0,277	-0,009	0,013	0,310	FALSE
-0,007	0,298	0,001	0,013	0,030	FALSE
-0,002	0,269	-0,001	0,009	0,052	FALSE
0,074	0,278	0,003	0,016	0,084	FALSE
-0,034	0,297	-0,002	0,010	0,067	FALSE
-0,014	0,287	0,000	0,010	0,013	FALSE
0,097	0,286	0,006	0,017	0,126	FALSE
-0,162	0,278	-0,008	0,013	0,271	FALSE
-0,174	0,278	-0,008	0,012	0,287	FALSE
-0,109	0,297	-0,006	0,017	0,135	FALSE
-0,128	0,291	-0,004	0,010	0,147	FALSE
0,140	0,291	0,010	0,017	0,251	FALSE
-0,075	0,295	-0,003	0,017	0,056	FALSE
0,017	0,284	0,000	0,014	0,001	FALSE
-0,061	0,282	-0,002	0,011	0,060	FALSE
0,063	0,288	0,001	0,011	0,044	FALSE
0,007	0,286	0,000	0,010	0,013	FALSE
0,056	0,296	0,004	0,017	0,089	FALSE
-0,149	0,282	-0,008	0,016	0,222	FALSE
-0,161	0,288	-0,004	0,009	0,216	FALSE
-0,183	0,295	-0,005	0,008	0,257	FALSE
-0,152	0,276	-0,005	0,013	0,163	FALSE
-0,050	0,274	-0,004	0,016	0,106	FALSE
-0,085	0,276	-0,004	0,015	0,112	FALSE
0,133	0,271	0,003	0,014	0,096	FALSE
0,154	0,276	0,009	0,012	0,313	FALSE
-0,002	0,295	-0,002	0,016	0,041	FALSE
-0,016	0,285	0,001	0,017	0,021	FALSE
0,102	0,279	0,002	0,010	0,090	FALSE
-0,061	0,289	-0,001	0,014	0,013	FALSE
-0,173	0,275	-0,007	0,009	0,352	FALSE
0,084	0,273	0,004	0,009	0,177	FALSE
-0,046	0,286	-0,005	0,016	0,125	FALSE
-0,041	0,275	-0,002	0,012	0,073	FALSE
-0,135	0,285	-0,008	0,016	0,227	FALSE
0,130	0,278	0,005	0,012	0,165	FALSE
-0,054	0,284	-0,002	0,010	0,076	FALSE
-0,066	0,293	-0,002	0,011	0,068	FALSE
0,102	0,275	0,001	0,011	0,018	FALSE
-0,049	0,277	0,000	0,018	0,003	FALSE
-0,067	0,298	-0,002	0,012	0,051	FALSE
0,034	0,273	0,002	0,016	0,048	FALSE
0,201	0,281	0,011	0,018	0,280	FALSE
-0,017	0,285	-0,001	0,012	0,040	FALSE
0,044	0,294	0,003	0,011	0,097	FALSE
-0,023	0,276	-0,002	0,013	0,059	FALSE
-0,103	0,283	-0,007	0,015	0,188	FALSE
-0,109	0,274	-0,007	0,013	0,231	FALSE
-0,147	0,273	-0,010	0,015	0,291	FALSE
-0,084	0,268	-0,002	0,017	0,041	FALSE
0,100	0,278	0,003	0,009	0,153	FALSE

-0,030	0,280	-0,002	0,017	0,041	FALSE
0,004	0,282	-0,002	0,015	0,045	FALSE
-0,171	0,279	-0,007	0,017	0,185	FALSE
0,175	0,270	0,007	0,017	0,156	FALSE
-0,021	0,286	-0,001	0,011	0,047	FALSE
0,145	0,279	0,006	0,017	0,152	FALSE
0,117	0,284	0,004	0,010	0,141	FALSE
-0,024	0,291	-0,001	0,010	0,031	FALSE
0,022	0,286	0,003	0,017	0,067	FALSE
-0,114	0,293	-0,003	0,013	0,084	FALSE
0,059	0,274	0,004	0,013	0,135	FALSE
-0,091	0,288	-0,003	0,011	0,121	FALSE
-0,030	0,294	-0,001	0,012	0,040	FALSE
0,172	0,292	0,005	0,010	0,233	FALSE
0,037	0,270	0,000	0,016	0,007	FALSE
0,057	0,292	0,002	0,014	0,068	FALSE
0,046	0,294	0,002	0,012	0,048	FALSE
-0,079	0,269	-0,003	0,011	0,106	FALSE
0,078	0,283	0,003	0,011	0,101	FALSE
0,200	0,281	0,008	0,013	0,279	FALSE
-0,134	0,276	-0,006	0,014	0,191	FALSE
-0,071	0,270	-0,006	0,018	0,134	FALSE
0,168	0,272	0,006	0,010	0,275	FALSE
0,098	0,293	0,003	0,015	0,087	FALSE
0,231	0,270	0,008	0,014	0,263	FALSE
0,050	0,286	0,002	0,009	0,065	FALSE
0,106	0,276	0,003	0,009	0,142	FALSE
0,060	0,278	0,000	0,010	0,010	FALSE
-0,139	0,289	-0,004	0,012	0,123	FALSE
-0,133	0,285	-0,004	0,012	0,119	FALSE
0,002	0,292	0,002	0,010	0,058	FALSE
0,241	0,267	0,007	0,009	0,365	FALSE
0,163	0,275	0,005	0,008	0,230	FALSE
-0,055	0,295	-0,002	0,016	0,041	FALSE
-0,161	0,286	-0,004	0,009	0,188	FALSE
-0,091	0,290	-0,005	0,016	0,124	FALSE
0,067	0,280	0,005	0,014	0,128	FALSE
-0,025	0,290	-0,001	0,009	0,027	FALSE
0,034	0,288	0,000	0,010	0,012	FALSE
0,138	0,275	0,004	0,010	0,160	FALSE
-0,028	0,281	0,000	0,011	0,007	FALSE
0,005	0,292	0,000	0,017	0,003	FALSE
0,043	0,286	0,003	0,010	0,096	FALSE
-0,070	0,278	0,000	0,009	0,013	FALSE
0,167	0,280	0,008	0,017	0,203	FALSE
0,147	0,272	0,006	0,014	0,176	FALSE
0,114	0,283	0,005	0,018	0,103	FALSE
-0,010	0,290	-0,001	0,011	0,030	FALSE
-0,078	0,291	-0,002	0,010	0,076	FALSE
0,068	0,286	0,001	0,008	0,047	FALSE
-0,073	0,288	-0,003	0,015	0,068	FALSE
0,099	0,282	0,003	0,013	0,094	FALSE
-0,114	0,280	-0,006	0,015	0,182	FALSE

-0,153	0,268	-0,009	0,013	0,298	FALSE
-0,098	0,284	-0,002	0,010	0,072	FALSE
0,148	0,268	0,005	0,012	0,151	FALSE
0,212	0,283	0,009	0,014	0,283	FALSE
0,030	0,297	0,001	0,012	0,042	FALSE
-0,090	0,293	-0,001	0,009	0,045	FALSE
-0,081	0,277	-0,002	0,010	0,088	FALSE
-0,108	0,289	-0,004	0,011	0,138	FALSE
-0,008	0,289	0,000	0,013	0,010	FALSE
-0,019	0,293	0,001	0,015	0,021	FALSE
-0,048	0,275	-0,002	0,013	0,047	FALSE
0,069	0,293	0,002	0,013	0,060	FALSE
0,046	0,280	0,004	0,016	0,093	FALSE
0,050	0,296	0,001	0,010	0,043	FALSE
-0,070	0,266	-0,003	0,012	0,092	FALSE
-0,036	0,270	-0,001	0,011	0,039	FALSE
0,007	0,283	0,002	0,014	0,065	FALSE
0,071	0,290	0,002	0,013	0,045	FALSE
-0,151	0,284	-0,003	0,009	0,141	FALSE
0,095	0,281	0,006	0,015	0,143	FALSE
0,025	0,295	0,001	0,010	0,026	FALSE
-0,169	0,287	-0,005	0,010	0,197	FALSE
-0,212	0,277	-0,011	0,017	0,282	FALSE
-0,286	0,262	-0,014	0,017	0,406	FALSE
0,111	0,259	0,006	0,013	0,184	FALSE
-0,016	0,287	-0,001	0,011	0,040	FALSE
-0,031	0,282	-0,001	0,009	0,024	FALSE
0,016	0,278	0,001	0,011	0,044	FALSE
-0,019	0,272	0,001	0,017	0,032	FALSE
0,101	0,285	0,007	0,017	0,165	FALSE
-0,093	0,289	-0,003	0,009	0,112	FALSE
-0,028	0,281	0,000	0,015	0,005	FALSE
-0,109	0,276	-0,003	0,014	0,086	FALSE
-0,083	0,282	-0,002	0,011	0,067	FALSE
-0,141	0,286	-0,004	0,012	0,150	FALSE
0,052	0,300	0,004	0,015	0,089	FALSE
0,202	0,273	0,009	0,017	0,242	FALSE
0,175	0,260	0,005	0,010	0,192	FALSE
0,107	0,278	0,004	0,008	0,173	FALSE
-0,092	0,292	-0,004	0,011	0,126	FALSE
-0,095	0,286	-0,002	0,012	0,068	FALSE
-0,101	0,275	-0,002	0,012	0,068	FALSE
-0,073	0,287	-0,003	0,015	0,087	FALSE
-0,212	0,268	-0,009	0,014	0,312	FALSE
-0,081	0,278	-0,003	0,009	0,117	FALSE
0,095	0,272	0,006	0,014	0,175	FALSE
0,025	0,290	0,001	0,017	0,013	FALSE
-0,001	0,273	0,001	0,012	0,034	FALSE
-0,134	0,274	-0,003	0,012	0,101	FALSE
0,176	0,283	0,005	0,010	0,192	FALSE
0,058	0,286	0,001	0,015	0,014	FALSE
0,070	0,288	0,001	0,015	0,036	FALSE
0,149	0,275	0,006	0,013	0,173	FALSE

-0,065	0,289	-0,002	0,009	0,096	FALSE
-0,086	0,288	-0,002	0,010	0,063	FALSE
-0,029	0,286	-0,001	0,013	0,018	FALSE
0,077	0,287	0,002	0,012	0,048	FALSE
-0,019	0,294	0,000	0,011	0,009	FALSE
0,202	0,273	0,009	0,014	0,281	FALSE
0,118	0,279	0,003	0,010	0,103	FALSE
-0,108	0,275	-0,004	0,010	0,161	FALSE
-0,126	0,279	-0,008	0,016	0,208	FALSE
0,130	0,282	0,008	0,018	0,181	FALSE
-0,067	0,281	-0,002	0,009	0,083	FALSE
-0,055	0,290	0,000	0,009	0,009	FALSE
0,051	0,267	0,004	0,010	0,158	FALSE
-0,083	0,283	-0,003	0,010	0,115	FALSE
-0,027	0,273	0,000	0,009	0,018	FALSE
0,045	0,280	0,002	0,017	0,055	FALSE
-0,050	0,275	-0,002	0,015	0,050	FALSE
-0,090	0,263	-0,006	0,015	0,148	FALSE
-0,057	0,286	-0,002	0,016	0,043	FALSE
0,020	0,278	0,001	0,010	0,043	FALSE
0,007	0,291	0,002	0,016	0,035	FALSE
-0,059	0,283	-0,005	0,018	0,106	FALSE
-0,119	0,281	-0,003	0,010	0,129	FALSE
0,030	0,286	0,003	0,015	0,082	FALSE
0,046	0,295	0,001	0,010	0,037	FALSE
0,130	0,291	0,005	0,008	0,269	FALSE
0,092	0,290	0,004	0,011	0,152	FALSE
-0,067	0,269	-0,003	0,011	0,088	FALSE
-0,104	0,275	-0,003	0,010	0,128	FALSE
-0,040	0,292	-0,006	0,016	0,135	FALSE
-0,007	0,292	0,000	0,011	0,000	FALSE
-0,012	0,299	0,000	0,011	0,009	FALSE
-0,043	0,282	-0,002	0,016	0,055	FALSE
-0,095	0,281	-0,002	0,015	0,042	FALSE
-0,122	0,282	-0,006	0,017	0,140	FALSE
-0,007	0,278	0,002	0,017	0,035	FALSE
0,030	0,282	0,004	0,017	0,084	FALSE
0,005	0,288	0,002	0,017	0,045	FALSE
0,024	0,294	0,003	0,017	0,060	FALSE
-0,068	0,285	-0,005	0,017	0,114	FALSE
-0,005	0,298	-0,001	0,018	0,021	FALSE
-0,059	0,308	-0,003	0,018	0,058	FALSE
0,066	0,284	0,003	0,013	0,095	FALSE
0,052	0,292	0,004	0,017	0,088	FALSE
0,140	0,268	0,004	0,009	0,189	FALSE
0,019	0,289	0,000	0,014	0,008	FALSE
-0,065	0,295	-0,004	0,017	0,087	FALSE
0,094	0,274	0,002	0,011	0,084	FALSE
-0,088	0,293	-0,002	0,010	0,054	FALSE
0,070	0,289	0,001	0,010	0,052	FALSE
0,003	0,290	0,000	0,017	0,002	FALSE
-0,147	0,288	-0,007	0,018	0,161	FALSE
-0,046	0,298	-0,003	0,016	0,077	FALSE

-0,012	0,281	0,000	0,015	0,009	FALSE
-0,057	0,275	-0,002	0,011	0,081	FALSE
-0,100	0,271	-0,004	0,009	0,207	FALSE
0,014	0,274	0,001	0,016	0,022	FALSE
-0,038	0,286	0,001	0,010	0,030	FALSE
-0,106	0,298	-0,004	0,018	0,079	FALSE
-0,009	0,296	0,004	0,018	0,075	FALSE
-0,219	0,285	-0,007	0,010	0,299	FALSE
-0,039	0,269	0,001	0,016	0,030	FALSE
-0,084	0,292	-0,002	0,009	0,077	FALSE
-0,200	0,280	-0,006	0,013	0,205	FALSE
-0,009	0,284	-0,001	0,010	0,035	FALSE
-0,017	0,289	0,000	0,011	0,008	FALSE
-0,150	0,292	-0,005	0,010	0,214	FALSE
0,113	0,283	0,008	0,014	0,259	FALSE
-0,167	0,281	-0,006	0,011	0,240	FALSE
-0,077	0,285	-0,006	0,016	0,142	FALSE
0,103	0,274	0,009	0,014	0,262	FALSE
-0,045	0,271	-0,005	0,015	0,122	FALSE
0,177	0,251	0,008	0,017	0,184	FALSE
-0,171	0,282	-0,005	0,009	0,236	FALSE
-0,144	0,290	-0,004	0,009	0,182	FALSE
-0,089	0,289	-0,004	0,017	0,078	FALSE
-0,167	0,273	-0,008	0,015	0,209	FALSE
0,052	0,279	0,002	0,016	0,053	FALSE
-0,091	0,289	-0,003	0,016	0,081	FALSE
0,085	0,282	0,004	0,013	0,115	FALSE
0,143	0,292	0,007	0,017	0,153	FALSE
-0,073	0,286	-0,005	0,017	0,115	FALSE
0,087	0,279	0,003	0,009	0,128	FALSE
-0,074	0,291	-0,001	0,011	0,039	FALSE
0,160	0,269	0,006	0,012	0,226	FALSE
0,048	0,290	0,001	0,010	0,029	FALSE
-0,094	0,283	-0,005	0,013	0,139	FALSE
-0,039	0,295	-0,001	0,012	0,036	FALSE
0,179	0,270	0,004	0,009	0,219	FALSE
0,061	0,280	0,001	0,008	0,038	FALSE
-0,049	0,288	-0,004	0,015	0,102	FALSE
-0,073	0,273	-0,001	0,011	0,043	FALSE
-0,093	0,295	-0,003	0,014	0,080	FALSE
0,326	0,260	0,019	0,017	0,598	FALSE
-0,067	0,290	0,000	0,011	0,005	FALSE
-0,224	0,276	-0,009	0,010	0,444	FALSE
-0,060	0,284	-0,004	0,015	0,089	FALSE
0,168	0,257	0,009	0,013	0,313	FALSE
-0,018	0,300	-0,002	0,013	0,049	FALSE
-0,062	0,293	-0,002	0,015	0,046	FALSE
0,041	0,285	0,000	0,017	0,004	FALSE
-0,090	0,280	-0,003	0,008	0,155	FALSE
-0,037	0,305	0,000	0,016	0,003	FALSE
-0,185	0,286	-0,011	0,017	0,284	FALSE
0,153	0,294	0,005	0,010	0,188	FALSE
-0,037	0,288	-0,003	0,017	0,074	FALSE

-0,047	0,273	-0,002	0,011	0,068	FALSE
-0,113	0,281	-0,005	0,011	0,168	FALSE
0,095	0,260	0,002	0,008	0,102	FALSE
-0,068	0,276	-0,003	0,010	0,100	FALSE
0,088	0,292	0,003	0,014	0,098	FALSE
0,188	0,271	0,005	0,009	0,244	FALSE
0,211	0,258	0,006	0,009	0,322	FALSE
-0,228	0,277	-0,008	0,010	0,367	FALSE
0,157	0,281	0,006	0,010	0,266	FALSE
-0,003	0,288	0,001	0,009	0,020	FALSE
0,116	0,282	0,006	0,011	0,206	FALSE
-0,101	0,290	-0,004	0,014	0,096	FALSE
0,005	0,287	0,000	0,011	0,002	FALSE
0,069	0,288	0,002	0,012	0,066	FALSE
0,012	0,285	0,000	0,009	0,002	FALSE
-0,105	0,286	-0,008	0,017	0,188	FALSE
0,121	0,283	0,005	0,014	0,151	FALSE
0,176	0,271	0,006	0,009	0,282	FALSE
0,067	0,282	0,003	0,009	0,125	FALSE
-0,013	0,286	-0,002	0,015	0,062	FALSE
-0,159	0,292	-0,008	0,012	0,263	FALSE
0,245	0,286	0,014	0,016	0,419	FALSE
-0,112	0,297	-0,006	0,015	0,165	FALSE
0,005	0,287	-0,002	0,013	0,045	FALSE
-0,146	0,290	-0,007	0,016	0,183	FALSE
0,045	0,277	0,001	0,009	0,037	FALSE
-0,143	0,271	-0,007	0,015	0,198	FALSE
-0,088	0,281	-0,004	0,012	0,123	FALSE
-0,118	0,269	-0,007	0,016	0,196	FALSE
-0,078	0,267	-0,003	0,009	0,115	FALSE
-0,110	0,283	-0,003	0,010	0,114	FALSE
-0,150	0,290	-0,008	0,017	0,188	FALSE
0,173	0,283	0,009	0,018	0,216	FALSE
0,143	0,286	0,004	0,010	0,178	FALSE
-0,037	0,286	0,000	0,013	0,013	FALSE
0,231	0,250	0,009	0,012	0,348	FALSE
0,034	0,284	0,002	0,009	0,084	FALSE
-0,101	0,280	-0,002	0,009	0,093	FALSE
-0,076	0,283	-0,003	0,010	0,104	FALSE
0,010	0,265	0,001	0,017	0,025	FALSE
0,093	0,291	0,006	0,018	0,123	FALSE
0,139	0,280	0,009	0,017	0,219	FALSE
0,061	0,263	0,001	0,010	0,041	FALSE
-0,035	0,274	-0,003	0,010	0,121	FALSE
-0,025	0,274	-0,003	0,016	0,065	FALSE
-0,082	0,284	-0,001	0,010	0,025	FALSE
-0,112	0,280	-0,003	0,008	0,150	FALSE
0,080	0,284	0,004	0,016	0,100	FALSE
-0,046	0,292	-0,002	0,011	0,053	FALSE
-0,108	0,279	-0,007	0,014	0,217	FALSE
-0,014	0,273	0,000	0,011	0,005	FALSE
0,040	0,274	0,001	0,011	0,033	FALSE
-0,049	0,278	-0,005	0,017	0,122	FALSE

-0,115	0,284	-0,005	0,015	0,121	FALSE
0,006	0,274	-0,001	0,013	0,018	FALSE
-0,053	0,286	-0,004	0,016	0,081	FALSE
0,093	0,291	0,006	0,013	0,179	FALSE
-0,022	0,286	-0,001	0,010	0,034	FALSE
-0,057	0,285	-0,002	0,012	0,054	FALSE
-0,037	0,290	-0,004	0,017	0,089	FALSE
0,045	0,284	0,001	0,013	0,040	FALSE
-0,051	0,261	-0,001	0,009	0,037	FALSE
0,059	0,288	0,003	0,013	0,080	FALSE
0,054	0,288	0,003	0,014	0,079	FALSE
0,091	0,297	0,005	0,013	0,149	FALSE
0,096	0,273	0,004	0,012	0,151	FALSE
-0,031	0,299	-0,001	0,010	0,037	FALSE
0,113	0,280	0,002	0,008	0,089	FALSE
0,112	0,283	0,003	0,012	0,102	FALSE
0,042	0,279	0,001	0,009	0,023	FALSE
-0,193	0,275	-0,010	0,017	0,250	FALSE
0,061	0,281	0,000	0,018	0,000	FALSE
-0,195	0,281	-0,010	0,016	0,271	FALSE
0,062	0,276	0,006	0,015	0,162	FALSE
0,041	0,272	0,000	0,016	0,007	FALSE
-0,020	0,297	-0,001	0,011	0,039	FALSE
-0,073	0,276	-0,002	0,012	0,077	FALSE
-0,084	0,256	-0,001	0,013	0,029	FALSE
0,046	0,289	0,003	0,018	0,056	FALSE
-0,239	0,281	-0,011	0,014	0,377	FALSE
0,079	0,282	0,002	0,010	0,086	FALSE
0,064	0,295	0,002	0,016	0,053	FALSE
0,073	0,274	0,005	0,012	0,171	FALSE
-0,003	0,297	-0,001	0,014	0,022	FALSE
0,103	0,280	0,006	0,016	0,138	FALSE
0,024	0,284	0,000	0,009	0,019	FALSE
-0,052	0,279	-0,001	0,009	0,055	FALSE
-0,066	0,286	-0,003	0,011	0,097	FALSE
0,045	0,295	0,002	0,014	0,046	FALSE
-0,166	0,271	-0,005	0,008	0,232	FALSE
-0,041	0,294	-0,001	0,011	0,029	FALSE
-0,002	0,296	0,000	0,013	0,007	FALSE
-0,060	0,280	-0,002	0,013	0,047	FALSE
0,081	0,273	0,002	0,008	0,080	FALSE
0,026	0,288	0,000	0,017	0,006	FALSE
0,011	0,286	-0,002	0,014	0,045	FALSE
-0,028	0,286	-0,002	0,015	0,041	FALSE
-0,180	0,289	-0,004	0,010	0,173	FALSE
-0,128	0,286	-0,004	0,016	0,081	FALSE
0,093	0,277	0,004	0,012	0,130	FALSE
0,068	0,294	0,003	0,010	0,114	FALSE
-0,177	0,282	-0,008	0,013	0,257	FALSE
-0,216	0,274	-0,009	0,014	0,274	FALSE
0,193	0,275	0,006	0,011	0,250	FALSE
-0,013	0,291	-0,001	0,015	0,012	FALSE
0,210	0,254	0,005	0,008	0,270	FALSE

-0,044	0,294	-0,001	0,014	0,033	FALSE
0,044	0,286	0,001	0,013	0,036	FALSE
0,050	0,280	0,003	0,012	0,099	FALSE
0,061	0,289	0,003	0,012	0,094	FALSE
0,063	0,284	0,004	0,012	0,111	FALSE
0,165	0,278	0,009	0,013	0,312	FALSE
0,037	0,268	0,000	0,015	0,005	FALSE
0,103	0,295	0,004	0,011	0,141	FALSE
0,131	0,293	0,005	0,011	0,186	FALSE
0,001	0,271	-0,001	0,017	0,013	FALSE
-0,017	0,270	0,000	0,017	0,007	FALSE
0,080	0,282	0,004	0,016	0,084	FALSE
0,009	0,281	0,000	0,017	0,007	FALSE
0,221	0,286	0,014	0,018	0,368	FALSE
-0,175	0,273	-0,006	0,009	0,291	FALSE
0,002	0,268	0,001	0,012	0,037	FALSE
-0,245	0,278	-0,015	0,016	0,428	FALSE
-0,258	0,274	-0,015	0,016	0,459	FALSE
0,155	0,279	0,006	0,012	0,195	FALSE
0,041	0,296	0,001	0,015	0,023	FALSE
-0,007	0,288	0,000	0,013	0,013	FALSE
0,113	0,286	0,006	0,016	0,149	FALSE
0,091	0,293	0,005	0,016	0,122	FALSE
0,096	0,291	0,005	0,016	0,116	FALSE
-0,181	0,276	-0,009	0,017	0,239	FALSE
-0,175	0,278	-0,005	0,009	0,214	FALSE
-0,018	0,281	0,000	0,011	0,013	FALSE
0,067	0,285	0,004	0,014	0,098	FALSE
0,057	0,263	0,003	0,014	0,094	FALSE
0,011	0,281	0,001	0,014	0,020	FALSE
0,020	0,286	0,001	0,013	0,030	FALSE
0,082	0,289	0,005	0,016	0,124	FALSE
0,018	0,288	0,000	0,017	0,005	FALSE
0,056	0,285	0,004	0,017	0,094	FALSE
0,033	0,290	0,002	0,017	0,044	FALSE
-0,117	0,297	-0,003	0,010	0,123	FALSE
0,158	0,287	0,005	0,009	0,219	FALSE
0,039	0,262	0,001	0,008	0,037	FALSE
0,023	0,283	0,002	0,009	0,065	FALSE
-0,131	0,287	-0,004	0,011	0,128	FALSE
-0,198	0,267	-0,005	0,009	0,240	FALSE
-0,126	0,274	-0,007	0,015	0,184	FALSE
0,000	0,286	0,001	0,012	0,017	FALSE
0,091	0,268	0,003	0,009	0,142	FALSE
-0,132	0,275	-0,005	0,009	0,249	FALSE
0,136	0,269	0,008	0,016	0,228	FALSE
0,146	0,298	0,005	0,014	0,151	FALSE
0,207	0,275	0,007	0,015	0,184	FALSE
0,018	0,286	0,001	0,009	0,030	FALSE
0,078	0,289	0,003	0,009	0,130	FALSE
0,119	0,286	0,005	0,014	0,146	FALSE
0,145	0,286	0,008	0,016	0,195	FALSE
0,098	0,282	0,003	0,013	0,084	FALSE

-0,036	0,283	-0,001	0,008	0,048	FALSE
0,056	0,295	0,002	0,017	0,047	FALSE
-0,066	0,294	-0,001	0,010	0,055	FALSE
0,103	0,301	0,003	0,011	0,127	FALSE
0,097	0,286	0,005	0,012	0,168	FALSE
0,117	0,297	0,005	0,015	0,131	FALSE
0,125	0,284	0,005	0,015	0,140	FALSE
0,095	0,283	0,002	0,019	0,046	FALSE
0,043	0,283	0,003	0,018	0,063	FALSE
0,112	0,273	0,005	0,017	0,117	FALSE
0,153	0,275	0,007	0,016	0,174	FALSE
0,109	0,284	0,005	0,018	0,112	FALSE
-0,009	0,290	0,000	0,011	0,003	FALSE
-0,107	0,285	-0,006	0,018	0,129	FALSE
-0,067	0,274	-0,004	0,012	0,143	FALSE
0,021	0,294	-0,001	0,016	0,027	FALSE
0,114	0,269	0,002	0,009	0,089	FALSE
0,095	0,270	0,002	0,010	0,064	FALSE
0,116	0,301	0,005	0,018	0,101	FALSE
-0,024	0,292	0,000	0,015	0,000	FALSE
0,008	0,279	0,002	0,010	0,092	FALSE
0,015	0,278	0,001	0,009	0,026	FALSE
0,044	0,275	0,000	0,010	0,005	FALSE
-0,018	0,292	0,000	0,015	0,008	FALSE
0,081	0,285	0,003	0,011	0,121	FALSE
-0,033	0,288	-0,001	0,009	0,048	FALSE
-0,039	0,284	-0,002	0,017	0,042	FALSE
-0,035	0,292	-0,003	0,016	0,059	FALSE
-0,046	0,292	-0,002	0,012	0,053	FALSE
-0,015	0,281	-0,001	0,009	0,049	FALSE
0,026	0,279	0,001	0,012	0,021	FALSE
0,020	0,287	0,002	0,012	0,059	FALSE
0,084	0,272	0,001	0,010	0,021	FALSE
0,023	0,299	0,000	0,014	0,006	FALSE
0,047	0,306	0,004	0,019	0,084	FALSE
0,087	0,290	0,003	0,013	0,091	FALSE
-0,018	0,289	0,000	0,010	0,006	FALSE
-0,190	0,269	-0,009	0,014	0,294	FALSE
0,085	0,267	0,004	0,013	0,134	FALSE
0,158	0,267	0,009	0,016	0,229	FALSE
0,080	0,257	0,004	0,013	0,122	FALSE
0,180	0,259	0,011	0,016	0,303	FALSE
-0,017	0,283	0,000	0,011	0,002	FALSE
0,023	0,278	0,000	0,009	0,019	FALSE
0,085	0,292	0,005	0,014	0,131	FALSE
0,148	0,280	0,003	0,009	0,146	FALSE
-0,219	0,277	-0,011	0,018	0,276	FALSE
-0,028	0,289	-0,001	0,016	0,030	FALSE
0,120	0,297	0,004	0,011	0,142	FALSE
0,108	0,279	0,003	0,012	0,104	FALSE
-0,149	0,283	-0,008	0,013	0,275	FALSE
-0,086	0,291	-0,002	0,010	0,068	FALSE
-0,013	0,278	-0,001	0,013	0,020	FALSE

0,013	0,289	-0,001	0,015	0,017	FALSE
0,036	0,278	0,000	0,010	0,004	FALSE
-0,015	0,284	0,001	0,015	0,034	FALSE
0,113	0,268	0,004	0,012	0,155	FALSE
-0,001	0,279	-0,001	0,012	0,032	FALSE
0,045	0,276	0,000	0,008	0,019	FALSE
0,054	0,292	0,001	0,009	0,040	FALSE
0,124	0,282	0,004	0,016	0,097	FALSE
-0,139	0,283	-0,004	0,009	0,164	FALSE
0,443	0,232	0,021	0,014	0,818	FALSE
0,413	0,251	0,020	0,015	0,685	FALSE
0,167	0,275	0,006	0,012	0,224	FALSE
-0,226	0,261	-0,009	0,014	0,269	FALSE
0,064	0,285	0,002	0,009	0,071	FALSE
0,067	0,294	0,002	0,012	0,065	FALSE
-0,066	0,292	-0,004	0,018	0,096	FALSE
-0,081	0,278	-0,003	0,011	0,093	FALSE
-0,080	0,290	-0,006	0,017	0,136	FALSE
-0,017	0,297	0,000	0,010	0,004	FALSE
-0,003	0,268	0,001	0,015	0,016	FALSE
-0,024	0,279	0,000	0,017	0,001	FALSE
-0,048	0,288	-0,004	0,011	0,121	FALSE
-0,109	0,275	-0,004	0,012	0,126	FALSE
0,139	0,274	0,004	0,011	0,162	FALSE
0,155	0,289	0,008	0,017	0,195	FALSE
0,025	0,286	0,001	0,014	0,038	FALSE
-0,127	0,292	-0,007	0,013	0,247	FALSE
-0,089	0,270	-0,004	0,015	0,090	FALSE
-0,147	0,269	-0,006	0,016	0,170	FALSE
0,129	0,273	0,006	0,011	0,221	FALSE
-0,084	0,295	-0,001	0,009	0,050	FALSE
0,090	0,288	0,005	0,013	0,157	FALSE
-0,086	0,279	-0,006	0,016	0,145	FALSE
0,055	0,288	0,003	0,010	0,099	FALSE
-0,107	0,289	-0,003	0,012	0,113	FALSE
-0,047	0,288	-0,002	0,012	0,069	FALSE
0,052	0,278	0,002	0,010	0,077	FALSE
0,041	0,292	0,002	0,012	0,068	FALSE
-0,015	0,286	0,000	0,009	0,007	FALSE
-0,156	0,276	-0,006	0,015	0,168	FALSE
-0,009	0,297	-0,002	0,015	0,055	FALSE
0,068	0,291	0,002	0,011	0,082	FALSE
0,063	0,281	0,002	0,012	0,071	FALSE
0,194	0,281	0,006	0,011	0,240	FALSE
0,038	0,291	0,002	0,009	0,103	FALSE
0,165	0,267	0,006	0,011	0,235	FALSE
0,055	0,277	0,001	0,012	0,026	FALSE
-0,092	0,278	-0,004	0,016	0,099	FALSE
0,154	0,271	0,005	0,011	0,208	FALSE
-0,063	0,271	-0,004	0,016	0,084	FALSE
-0,092	0,287	-0,003	0,009	0,118	FALSE
-0,082	0,280	-0,003	0,009	0,139	FALSE
-0,074	0,283	-0,002	0,012	0,062	FALSE

0,330	0,245	0,008	0,008	0,509	FALSE
-0,098	0,285	-0,004	0,017	0,078	FALSE
0,162	0,285	0,007	0,014	0,214	FALSE
-0,011	0,264	0,000	0,009	0,011	FALSE
-0,132	0,274	-0,007	0,016	0,179	FALSE
0,087	0,275	0,002	0,009	0,106	FALSE
0,111	0,269	0,003	0,008	0,130	FALSE
-0,098	0,293	-0,002	0,008	0,082	FALSE
-0,073	0,288	-0,002	0,009	0,065	FALSE
-0,101	0,288	-0,003	0,010	0,141	FALSE
-0,158	0,289	-0,005	0,011	0,178	FALSE
0,084	0,281	0,004	0,008	0,202	FALSE
0,151	0,284	0,006	0,013	0,187	FALSE
0,066	0,283	0,003	0,015	0,083	FALSE
-0,031	0,280	0,001	0,009	0,024	FALSE
-0,043	0,290	-0,003	0,018	0,055	FALSE
-0,018	0,294	0,000	0,016	0,002	FALSE
0,026	0,296	0,000	0,010	0,015	FALSE
0,032	0,292	0,002	0,018	0,039	FALSE
0,057	0,273	0,002	0,010	0,062	FALSE
-0,103	0,285	-0,003	0,009	0,142	FALSE
-0,093	0,293	-0,001	0,009	0,063	FALSE
0,062	0,299	0,005	0,017	0,103	FALSE
-0,107	0,287	-0,007	0,018	0,149	FALSE
0,004	0,286	0,001	0,009	0,056	FALSE
0,027	0,269	0,000	0,008	0,018	FALSE
0,154	0,267	0,004	0,010	0,148	FALSE
-0,181	0,278	-0,009	0,013	0,286	FALSE
-0,015	0,286	0,000	0,009	0,020	FALSE
-0,133	0,270	-0,007	0,016	0,190	FALSE
0,082	0,278	0,005	0,014	0,135	FALSE
0,151	0,265	0,009	0,016	0,242	FALSE
0,039	0,290	0,002	0,011	0,053	FALSE
-0,018	0,282	0,000	0,012	0,013	FALSE
-0,016	0,276	0,000	0,009	0,009	FALSE
-0,097	0,284	-0,003	0,011	0,116	FALSE
0,149	0,270	0,003	0,011	0,100	FALSE
-0,164	0,280	-0,005	0,011	0,165	FALSE
-0,121	0,289	-0,004	0,012	0,137	FALSE
-0,059	0,288	-0,002	0,011	0,076	FALSE
-0,019	0,275	0,000	0,013	0,004	FALSE
0,182	0,279	0,009	0,016	0,245	FALSE
0,062	0,280	0,000	0,010	0,017	FALSE
0,015	0,295	0,004	0,015	0,105	FALSE
0,033	0,285	0,000	0,018	0,006	FALSE
0,058	0,288	0,001	0,009	0,038	FALSE
-0,058	0,270	0,001	0,015	0,027	FALSE
0,037	0,290	0,001	0,010	0,018	FALSE
0,155	0,283	0,009	0,016	0,258	FALSE
-0,037	0,288	-0,002	0,017	0,045	FALSE
-0,137	0,287	-0,008	0,017	0,178	FALSE
-0,028	0,283	-0,002	0,012	0,062	FALSE
0,003	0,294	0,000	0,015	0,005	FALSE

-0,056	0,280	-0,002	0,011	0,078	FALSE
-0,025	0,285	-0,001	0,015	0,024	FALSE
0,046	0,286	0,002	0,009	0,061	FALSE
0,044	0,289	0,001	0,009	0,057	FALSE
0,038	0,278	0,000	0,011	0,003	FALSE
-0,205	0,277	-0,010	0,017	0,263	FALSE
-0,002	0,279	0,000	0,012	0,004	FALSE
-0,020	0,277	-0,002	0,014	0,050	FALSE
0,095	0,281	0,003	0,010	0,125	FALSE
0,178	0,279	0,010	0,016	0,285	FALSE
0,072	0,269	0,001	0,009	0,052	FALSE
0,041	0,294	0,002	0,012	0,054	FALSE
0,037	0,291	0,002	0,013	0,048	FALSE
-0,099	0,286	-0,005	0,015	0,140	FALSE
0,186	0,275	0,006	0,010	0,229	FALSE
-0,104	0,270	-0,009	0,017	0,210	FALSE
0,044	0,279	0,002	0,010	0,069	FALSE
0,000	0,281	0,000	0,014	0,003	FALSE
0,127	0,286	0,006	0,015	0,175	FALSE
0,071	0,269	0,002	0,009	0,096	FALSE
-0,114	0,276	-0,003	0,013	0,102	FALSE
-0,091	0,288	-0,003	0,011	0,091	FALSE
-0,208	0,272	-0,011	0,015	0,306	FALSE
-0,096	0,291	-0,004	0,012	0,145	FALSE
-0,085	0,300	-0,004	0,012	0,111	FALSE
-0,119	0,295	-0,004	0,009	0,160	FALSE
-0,013	0,276	0,002	0,009	0,071	FALSE
0,017	0,281	0,001	0,009	0,048	FALSE
-0,041	0,278	-0,003	0,015	0,087	FALSE
-0,037	0,272	-0,003	0,014	0,075	FALSE
-0,067	0,280	-0,004	0,014	0,118	FALSE
-0,142	0,275	-0,006	0,014	0,181	FALSE
-0,151	0,274	-0,007	0,013	0,217	FALSE
-0,051	0,280	-0,004	0,015	0,098	FALSE
-0,125	0,280	-0,006	0,013	0,178	FALSE
0,098	0,288	0,005	0,013	0,170	FALSE
-0,108	0,292	-0,005	0,015	0,126	FALSE
0,032	0,284	0,001	0,009	0,052	FALSE
-0,029	0,292	-0,002	0,009	0,072	FALSE
-0,035	0,283	-0,002	0,008	0,084	FALSE
-0,020	0,289	-0,002	0,009	0,108	FALSE
0,183	0,271	0,009	0,016	0,224	FALSE
-0,036	0,285	-0,001	0,012	0,020	FALSE
-0,084	0,283	-0,004	0,013	0,111	FALSE
-0,149	0,280	-0,004	0,010	0,175	FALSE
-0,126	0,296	-0,008	0,017	0,184	FALSE
-0,037	0,285	-0,002	0,015	0,057	FALSE
0,016	0,277	0,001	0,009	0,053	FALSE
-0,215	0,279	-0,012	0,016	0,340	FALSE
-0,196	0,285	-0,010	0,016	0,276	FALSE
0,117	0,267	0,006	0,017	0,148	FALSE
0,072	0,291	0,003	0,011	0,116	FALSE
-0,141	0,267	-0,008	0,013	0,251	FALSE

0,098	0,285	0,004	0,010	0,169	FALSE
0,085	0,280	0,004	0,011	0,146	FALSE
0,020	0,287	0,002	0,011	0,070	FALSE
0,013	0,291	0,000	0,011	0,009	FALSE
0,011	0,289	0,001	0,011	0,043	FALSE
0,003	0,295	0,000	0,017	0,010	FALSE
-0,129	0,295	-0,003	0,009	0,143	FALSE
-0,111	0,277	-0,005	0,014	0,139	FALSE
-0,091	0,288	-0,003	0,014	0,085	FALSE
-0,065	0,283	-0,001	0,014	0,023	FALSE
0,015	0,281	0,003	0,012	0,085	FALSE
0,118	0,284	0,004	0,009	0,165	FALSE
0,142	0,284	0,008	0,017	0,211	FALSE
0,070	0,293	0,005	0,012	0,150	FALSE
0,097	0,268	0,002	0,010	0,072	FALSE
-0,180	0,264	-0,008	0,012	0,312	FALSE
0,174	0,271	0,005	0,009	0,231	FALSE
-0,032	0,296	-0,002	0,010	0,056	FALSE
-0,002	0,291	-0,001	0,010	0,027	FALSE
-0,003	0,270	0,000	0,009	0,011	FALSE
-0,070	0,269	-0,003	0,011	0,120	FALSE
-0,115	0,285	-0,004	0,011	0,166	FALSE
-0,148	0,282	-0,006	0,012	0,231	FALSE
-0,100	0,291	-0,005	0,012	0,164	FALSE
-0,276	0,284	-0,018	0,017	0,531	FALSE
0,002	0,295	0,000	0,009	0,006	FALSE
0,073	0,262	0,003	0,011	0,117	FALSE
0,152	0,279	0,011	0,016	0,297	FALSE
0,100	0,277	0,004	0,010	0,183	FALSE
-0,195	0,278	-0,008	0,012	0,289	FALSE
0,004	0,295	0,000	0,017	0,000	FALSE
-0,126	0,298	-0,005	0,013	0,160	FALSE
0,064	0,284	0,002	0,015	0,051	FALSE
0,007	0,259	-0,001	0,009	0,036	FALSE
0,064	0,271	0,000	0,014	0,007	FALSE
-0,037	0,289	-0,001	0,010	0,046	FALSE
0,042	0,290	0,002	0,016	0,047	FALSE
-0,096	0,279	-0,002	0,009	0,080	FALSE
-0,118	0,279	-0,005	0,013	0,161	FALSE
-0,069	0,265	-0,003	0,012	0,085	FALSE
0,053	0,274	0,000	0,016	0,001	FALSE
-0,062	0,281	-0,003	0,009	0,108	FALSE
0,115	0,279	0,006	0,018	0,135	FALSE
0,020	0,275	0,001	0,010	0,028	FALSE
0,120	0,272	0,004	0,011	0,129	FALSE
-0,180	0,281	-0,005	0,009	0,217	FALSE
0,137	0,282	0,005	0,012	0,165	FALSE
0,014	0,276	0,000	0,017	0,009	FALSE
-0,133	0,281	-0,006	0,014	0,164	FALSE
-0,040	0,287	-0,001	0,010	0,031	FALSE
-0,004	0,274	-0,001	0,012	0,033	FALSE
-0,057	0,275	-0,005	0,015	0,147	FALSE
-0,021	0,283	-0,002	0,013	0,063	FALSE

-0,002	0,275	-0,001	0,012	0,028	FALSE
-0,046	0,277	-0,004	0,016	0,084	FALSE
0,153	0,297	0,008	0,018	0,180	FALSE
-0,047	0,284	0,000	0,010	0,012	FALSE
-0,045	0,282	-0,001	0,009	0,020	FALSE
-0,118	0,278	-0,006	0,017	0,136	FALSE
0,128	0,289	0,006	0,012	0,215	FALSE
-0,148	0,279	-0,005	0,012	0,151	FALSE
0,134	0,284	0,004	0,009	0,169	FALSE
0,067	0,270	0,004	0,014	0,105	FALSE
0,153	0,289	0,006	0,014	0,187	FALSE
0,074	0,276	0,005	0,016	0,135	FALSE
0,084	0,290	0,003	0,018	0,067	FALSE
0,097	0,252	0,007	0,016	0,178	FALSE
0,168	0,255	0,009	0,013	0,292	FALSE
0,169	0,264	0,008	0,014	0,271	FALSE
0,175	0,260	0,009	0,014	0,296	FALSE
0,169	0,273	0,009	0,014	0,274	FALSE
-0,180	0,273	-0,009	0,015	0,268	FALSE
-0,083	0,283	-0,004	0,017	0,095	FALSE
0,017	0,290	0,001	0,009	0,037	FALSE
0,031	0,297	0,001	0,009	0,050	FALSE
-0,009	0,264	-0,001	0,014	0,025	FALSE
0,015	0,293	0,001	0,011	0,021	FALSE
0,152	0,278	0,006	0,010	0,226	FALSE
0,272	0,285	0,013	0,014	0,425	FALSE
-0,035	0,271	-0,002	0,014	0,042	FALSE
-0,128	0,281	-0,007	0,017	0,159	FALSE
-0,070	0,298	-0,002	0,010	0,059	FALSE
0,075	0,276	0,004	0,012	0,141	FALSE
0,012	0,282	0,001	0,009	0,049	FALSE
-0,013	0,275	0,001	0,009	0,023	FALSE
-0,100	0,269	-0,006	0,013	0,172	FALSE
0,221	0,284	0,007	0,010	0,346	FALSE
-0,096	0,279	-0,006	0,015	0,154	FALSE
0,095	0,260	0,003	0,014	0,079	FALSE
0,071	0,283	0,004	0,017	0,090	FALSE
0,106	0,289	0,005	0,015	0,125	FALSE
0,056	0,283	0,002	0,012	0,070	FALSE
-0,010	0,281	-0,002	0,017	0,055	FALSE
-0,052	0,277	-0,004	0,016	0,101	FALSE
-0,040	0,286	-0,003	0,017	0,067	FALSE
0,020	0,273	0,000	0,012	0,007	FALSE
0,038	0,269	0,000	0,011	0,001	FALSE
-0,107	0,281	-0,005	0,014	0,150	FALSE
0,111	0,285	0,005	0,013	0,140	FALSE
0,117	0,286	0,004	0,012	0,138	FALSE
0,104	0,278	0,003	0,011	0,094	FALSE
0,050	0,283	0,002	0,017	0,054	FALSE
-0,081	0,290	-0,005	0,012	0,151	FALSE
-0,054	0,301	-0,004	0,017	0,086	FALSE
0,074	0,286	0,001	0,011	0,042	FALSE
-0,057	0,290	0,000	0,009	0,017	FALSE

-0,136	0,293	-0,008	0,013	0,239	FALSE
0,067	0,286	0,003	0,010	0,102	FALSE
0,168	0,275	0,007	0,013	0,208	FALSE
0,065	0,287	0,002	0,009	0,093	FALSE
0,042	0,282	0,000	0,014	0,008	FALSE
0,158	0,270	0,008	0,012	0,304	FALSE
-0,064	0,284	-0,001	0,010	0,051	FALSE
0,074	0,289	0,004	0,010	0,147	FALSE
-0,042	0,280	0,000	0,012	0,004	FALSE
0,216	0,281	0,009	0,011	0,369	FALSE
-0,100	0,285	-0,004	0,013	0,141	FALSE
0,057	0,284	0,003	0,016	0,061	FALSE
-0,004	0,279	0,001	0,011	0,033	FALSE
0,033	0,283	0,003	0,015	0,083	FALSE
0,003	0,292	0,001	0,017	0,025	FALSE
0,203	0,285	0,007	0,010	0,300	FALSE
-0,095	0,280	-0,002	0,010	0,084	FALSE
-0,055	0,292	-0,004	0,017	0,076	FALSE
-0,054	0,298	-0,001	0,018	0,026	FALSE
0,092	0,296	0,003	0,012	0,081	FALSE
-0,096	0,295	-0,004	0,016	0,100	FALSE
-0,175	0,287	-0,013	0,018	0,315	FALSE
0,117	0,285	0,006	0,017	0,147	FALSE
0,126	0,302	0,008	0,019	0,164	FALSE
0,034	0,293	0,002	0,015	0,058	FALSE
-0,052	0,287	-0,001	0,011	0,042	FALSE
0,117	0,276	0,006	0,014	0,182	FALSE
-0,117	0,285	-0,006	0,017	0,125	FALSE
-0,054	0,271	-0,004	0,012	0,119	FALSE
-0,075	0,284	-0,002	0,012	0,075	FALSE
-0,054	0,281	-0,001	0,012	0,045	FALSE
-0,036	0,305	-0,001	0,011	0,047	FALSE
-0,019	0,294	-0,003	0,014	0,067	FALSE
-0,128	0,293	-0,007	0,016	0,166	FALSE
-0,010	0,286	0,000	0,014	0,004	FALSE
-0,134	0,278	-0,007	0,014	0,209	FALSE
-0,012	0,292	0,000	0,017	0,009	FALSE
-0,005	0,284	0,000	0,017	0,008	FALSE
-0,009	0,302	-0,001	0,018	0,010	FALSE
-0,027	0,296	-0,002	0,017	0,034	FALSE
0,140	0,292	0,005	0,010	0,227	FALSE
0,008	0,292	0,001	0,017	0,026	FALSE
-0,072	0,273	-0,001	0,010	0,036	FALSE
0,092	0,298	0,005	0,017	0,118	FALSE
0,116	0,274	0,004	0,014	0,117	FALSE
-0,068	0,277	-0,005	0,017	0,123	FALSE
0,072	0,274	0,003	0,015	0,071	FALSE
0,114	0,269	0,007	0,016	0,187	FALSE
-0,019	0,268	0,001	0,013	0,040	FALSE
0,027	0,279	0,002	0,012	0,058	FALSE
-0,247	0,277	-0,009	0,011	0,377	FALSE
0,226	0,262	0,011	0,016	0,313	FALSE
-0,071	0,293	-0,002	0,010	0,071	FALSE

-0,122	0,290	-0,007	0,015	0,195	FALSE
-0,015	0,295	0,000	0,010	0,005	FALSE
0,290	0,269	0,012	0,013	0,463	FALSE
0,024	0,283	0,002	0,013	0,059	FALSE
-0,028	0,298	0,001	0,009	0,054	FALSE
-0,016	0,300	0,001	0,009	0,051	FALSE
-0,076	0,281	-0,002	0,011	0,082	FALSE
-0,133	0,294	-0,004	0,011	0,138	FALSE
-0,163	0,274	-0,005	0,010	0,208	FALSE
-0,053	0,290	0,000	0,009	0,006	FALSE
-0,103	0,294	-0,003	0,011	0,116	FALSE
-0,100	0,272	-0,006	0,014	0,175	FALSE
-0,081	0,279	-0,007	0,017	0,176	FALSE
0,080	0,294	0,004	0,018	0,082	FALSE
0,033	0,294	0,000	0,018	0,001	FALSE
0,055	0,292	0,001	0,015	0,022	FALSE
0,067	0,285	0,003	0,010	0,101	FALSE
-0,119	0,276	-0,002	0,015	0,061	FALSE
0,019	0,287	0,001	0,013	0,023	FALSE
-0,062	0,283	0,000	0,014	0,005	FALSE
0,075	0,293	0,003	0,017	0,075	FALSE
0,162	0,279	0,009	0,017	0,220	FALSE
0,234	0,275	0,011	0,014	0,363	FALSE
0,192	0,279	0,005	0,009	0,231	FALSE
0,022	0,270	0,000	0,010	0,000	FALSE
0,034	0,276	0,004	0,018	0,096	FALSE
0,098	0,288	0,008	0,018	0,174	FALSE
-0,060	0,279	-0,002	0,009	0,070	FALSE
0,172	0,271	0,004	0,011	0,170	FALSE
-0,192	0,277	-0,009	0,017	0,242	FALSE
-0,042	0,309	-0,002	0,014	0,062	FALSE
-0,004	0,289	0,001	0,013	0,021	FALSE
0,100	0,277	0,005	0,015	0,143	FALSE
0,103	0,281	0,003	0,011	0,104	FALSE
-0,021	0,269	-0,001	0,009	0,032	FALSE
-0,031	0,282	-0,001	0,016	0,019	FALSE
-0,087	0,285	-0,005	0,018	0,106	FALSE
0,230	0,260	0,014	0,017	0,373	FALSE
-0,123	0,272	-0,005	0,016	0,122	FALSE
-0,158	0,268	-0,007	0,016	0,174	FALSE
-0,149	0,286	-0,005	0,017	0,122	FALSE
-0,112	0,276	-0,002	0,011	0,076	FALSE
-0,159	0,279	-0,006	0,017	0,150	FALSE
0,235	0,282	0,013	0,015	0,409	FALSE
0,032	0,288	0,003	0,012	0,096	FALSE
0,043	0,281	0,003	0,012	0,103	FALSE
-0,036	0,287	-0,002	0,016	0,046	FALSE
0,094	0,295	0,005	0,015	0,133	FALSE
0,015	0,279	0,002	0,013	0,049	FALSE
-0,001	0,279	0,001	0,010	0,034	FALSE
0,074	0,279	0,001	0,009	0,039	FALSE
0,056	0,280	0,003	0,010	0,110	FALSE
0,101	0,297	0,004	0,016	0,096	FALSE

0,119	0,287	0,005	0,015	0,128	FALSE
0,058	0,288	0,003	0,016	0,082	FALSE
0,141	0,283	0,006	0,013	0,185	FALSE
-0,122	0,294	-0,004	0,010	0,151	FALSE
0,049	0,287	0,003	0,017	0,058	FALSE
0,124	0,275	0,003	0,012	0,102	FALSE
0,005	0,303	0,001	0,015	0,035	FALSE
0,025	0,280	0,001	0,015	0,035	FALSE
-0,052	0,292	-0,003	0,011	0,087	FALSE
-0,057	0,291	-0,003	0,017	0,065	FALSE
0,087	0,290	0,005	0,017	0,117	FALSE
0,065	0,278	0,001	0,017	0,025	FALSE
0,053	0,282	0,001	0,017	0,029	FALSE
0,033	0,285	0,001	0,011	0,029	FALSE
-0,177	0,274	-0,011	0,017	0,276	FALSE
0,062	0,284	0,002	0,012	0,061	FALSE
0,182	0,282	0,011	0,016	0,302	FALSE
-0,143	0,282	-0,005	0,011	0,163	FALSE
-0,021	0,278	-0,004	0,016	0,085	FALSE
0,036	0,280	0,002	0,009	0,084	FALSE
0,147	0,283	0,005	0,010	0,206	FALSE
0,022	0,285	-0,003	0,016	0,066	FALSE
-0,120	0,276	-0,003	0,008	0,126	FALSE
-0,129	0,280	-0,003	0,009	0,126	FALSE
0,021	0,283	0,002	0,010	0,061	FALSE
0,083	0,289	0,006	0,015	0,155	FALSE
-0,094	0,279	-0,006	0,013	0,173	FALSE
-0,006	0,283	-0,002	0,017	0,053	FALSE
-0,219	0,286	-0,011	0,015	0,321	FALSE
-0,178	0,292	-0,005	0,010	0,195	FALSE
-0,141	0,276	-0,006	0,013	0,189	FALSE
-0,001	0,293	0,002	0,017	0,044	FALSE
-0,131	0,273	-0,007	0,016	0,198	FALSE
0,053	0,282	0,001	0,013	0,041	FALSE
0,040	0,301	0,002	0,013	0,062	FALSE
-0,114	0,275	-0,005	0,016	0,126	FALSE
-0,193	0,280	-0,009	0,014	0,295	FALSE
0,028	0,285	0,000	0,009	0,009	FALSE
0,081	0,271	0,001	0,017	0,028	FALSE
-0,021	0,294	0,001	0,010	0,030	FALSE
0,190	0,281	0,010	0,017	0,269	FALSE
-0,092	0,285	-0,005	0,014	0,138	FALSE
-0,119	0,298	-0,005	0,018	0,109	FALSE
-0,022	0,286	-0,002	0,014	0,048	FALSE
-0,106	0,288	-0,002	0,009	0,079	FALSE
0,018	0,275	-0,001	0,011	0,030	FALSE
0,157	0,281	0,005	0,010	0,200	FALSE
0,149	0,291	0,006	0,010	0,252	FALSE
-0,116	0,288	-0,003	0,009	0,117	FALSE
-0,018	0,295	0,000	0,010	0,010	FALSE
0,167	0,282	0,009	0,018	0,201	FALSE
-0,156	0,284	-0,006	0,012	0,210	FALSE
0,060	0,285	0,004	0,012	0,123	FALSE

0,046	0,289	0,002	0,009	0,091	FALSE
-0,085	0,291	-0,004	0,014	0,122	FALSE
0,014	0,284	0,000	0,011	0,015	FALSE
0,075	0,276	0,003	0,011	0,116	FALSE
-0,049	0,280	-0,004	0,013	0,116	FALSE
0,044	0,285	0,003	0,012	0,104	FALSE
0,146	0,279	0,005	0,008	0,247	FALSE
0,064	0,276	0,003	0,012	0,104	FALSE
-0,127	0,286	-0,005	0,009	0,243	FALSE
-0,025	0,280	-0,003	0,014	0,087	FALSE
-0,060	0,284	-0,001	0,014	0,029	FALSE
0,129	0,277	0,004	0,009	0,166	FALSE
0,086	0,290	0,004	0,016	0,097	FALSE
0,203	0,264	0,008	0,013	0,287	FALSE
0,002	0,277	0,000	0,010	0,011	FALSE
-0,063	0,274	-0,004	0,012	0,138	FALSE
0,120	0,276	0,003	0,009	0,139	FALSE
0,213	0,275	0,007	0,012	0,270	FALSE
-0,041	0,276	-0,002	0,010	0,069	FALSE
-0,190	0,284	-0,006	0,009	0,292	FALSE
0,183	0,277	0,007	0,012	0,251	FALSE
-0,031	0,284	-0,001	0,010	0,041	FALSE
0,185	0,258	0,010	0,016	0,265	FALSE
-0,122	0,289	-0,005	0,015	0,131	FALSE
-0,023	0,276	-0,001	0,012	0,025	FALSE
-0,234	0,267	-0,008	0,009	0,426	FALSE
0,151	0,291	0,005	0,009	0,254	FALSE
0,010	0,283	0,000	0,011	0,008	FALSE
0,071	0,280	0,004	0,017	0,092	FALSE
-0,106	0,268	-0,004	0,008	0,200	FALSE
0,064	0,285	0,002	0,018	0,039	FALSE
-0,061	0,293	-0,001	0,011	0,035	FALSE
-0,109	0,288	-0,003	0,011	0,098	FALSE
-0,031	0,281	0,000	0,011	0,013	FALSE
0,019	0,286	-0,001	0,013	0,028	FALSE
-0,059	0,280	-0,001	0,009	0,055	FALSE
-0,043	0,282	0,000	0,010	0,012	FALSE
0,166	0,282	0,005	0,010	0,221	FALSE
0,018	0,290	0,003	0,014	0,073	FALSE
-0,086	0,285	-0,003	0,018	0,055	FALSE
0,003	0,287	0,001	0,013	0,029	FALSE
0,243	0,280	0,014	0,017	0,365	FALSE
-0,031	0,273	-0,001	0,012	0,021	FALSE
-0,062	0,289	0,000	0,011	0,006	FALSE
-0,042	0,293	-0,001	0,012	0,023	FALSE
-0,214	0,273	-0,006	0,008	0,319	FALSE
-0,128	0,282	-0,008	0,015	0,225	FALSE
-0,204	0,276	-0,012	0,017	0,312	FALSE
-0,034	0,289	-0,001	0,012	0,029	FALSE
0,087	0,258	0,007	0,014	0,200	FALSE
0,101	0,279	0,006	0,016	0,141	FALSE
-0,042	0,285	-0,001	0,016	0,015	FALSE
0,111	0,276	0,007	0,016	0,180	FALSE

0,129	0,280	0,008	0,016	0,213	FALSE
0,002	0,274	-0,001	0,009	0,019	FALSE
0,009	0,289	0,000	0,012	0,002	FALSE
0,067	0,278	0,002	0,009	0,096	FALSE
-0,036	0,286	-0,004	0,016	0,097	FALSE
0,080	0,281	0,003	0,017	0,073	FALSE
-0,165	0,291	-0,005	0,009	0,256	FALSE
-0,043	0,285	-0,001	0,012	0,029	FALSE
0,089	0,281	0,006	0,017	0,137	FALSE
0,073	0,268	0,003	0,010	0,105	FALSE
0,143	0,256	0,008	0,015	0,209	FALSE
0,221	0,285	0,008	0,010	0,358	FALSE
0,072	0,282	0,003	0,010	0,126	FALSE
-0,042	0,278	-0,003	0,016	0,071	FALSE
-0,074	0,286	0,000	0,011	0,001	FALSE
0,006	0,287	0,001	0,009	0,044	FALSE
-0,115	0,272	-0,006	0,012	0,198	FALSE
-0,169	0,283	-0,004	0,009	0,205	FALSE
0,015	0,295	0,000	0,014	0,007	FALSE
-0,040	0,286	-0,002	0,010	0,088	FALSE
-0,043	0,289	0,000	0,009	0,015	FALSE
-0,112	0,292	-0,003	0,009	0,141	FALSE
-0,032	0,285	-0,002	0,010	0,083	FALSE
-0,033	0,280	-0,001	0,009	0,051	FALSE
0,038	0,282	0,000	0,009	0,009	FALSE
-0,051	0,293	-0,004	0,015	0,097	FALSE
0,179	0,284	0,008	0,015	0,222	FALSE
0,023	0,289	0,000	0,010	0,007	FALSE
-0,071	0,284	-0,003	0,017	0,058	FALSE
-0,109	0,286	-0,003	0,011	0,128	FALSE
0,028	0,296	0,003	0,015	0,068	FALSE
-0,015	0,287	0,000	0,012	0,010	FALSE
-0,118	0,277	-0,007	0,015	0,202	FALSE
0,119	0,280	0,004	0,010	0,149	FALSE
0,074	0,268	0,003	0,013	0,086	FALSE
0,098	0,271	0,003	0,011	0,106	FALSE
-0,009	0,287	-0,001	0,017	0,012	FALSE
-0,028	0,287	-0,002	0,015	0,040	FALSE
-0,104	0,278	-0,005	0,013	0,142	FALSE
0,246	0,271	0,010	0,015	0,315	FALSE
0,000	0,289	0,002	0,016	0,056	FALSE
0,229	0,264	0,007	0,011	0,291	FALSE
0,104	0,290	0,003	0,008	0,147	FALSE
0,044	0,268	0,004	0,010	0,149	FALSE
-0,061	0,275	-0,003	0,013	0,099	FALSE
0,125	0,269	0,005	0,010	0,206	FALSE
0,098	0,277	0,005	0,012	0,177	FALSE
-0,021	0,276	-0,003	0,013	0,094	FALSE
-0,019	0,293	0,000	0,009	0,014	FALSE
0,075	0,290	0,002	0,012	0,053	FALSE
-0,092	0,290	-0,005	0,017	0,113	FALSE
0,166	0,290	0,006	0,012	0,219	TRUE
-0,002	0,269	-0,002	0,017	0,034	FALSE

0,099	0,286	0,003	0,009	0,152	FALSE
-0,026	0,277	-0,001	0,016	0,033	FALSE
0,243	0,261	0,007	0,009	0,351	FALSE
-0,108	0,298	-0,005	0,017	0,125	FALSE
-0,192	0,280	-0,005	0,009	0,250	FALSE
-0,129	0,280	-0,006	0,015	0,177	FALSE
-0,035	0,278	-0,003	0,010	0,106	FALSE
-0,164	0,299	-0,004	0,009	0,204	FALSE
0,059	0,264	0,002	0,009	0,088	FALSE
-0,075	0,288	-0,001	0,010	0,045	FALSE
0,121	0,274	0,004	0,010	0,164	FALSE
-0,167	0,292	-0,005	0,009	0,218	FALSE
0,145	0,284	0,006	0,010	0,269	FALSE
-0,075	0,296	-0,004	0,015	0,109	FALSE
-0,046	0,282	-0,002	0,016	0,051	FALSE
-0,061	0,296	-0,003	0,016	0,060	FALSE
-0,024	0,296	0,000	0,017	0,007	FALSE
0,133	0,283	0,006	0,017	0,154	FALSE
0,061	0,282	0,003	0,009	0,111	FALSE
-0,172	0,285	-0,007	0,012	0,236	FALSE
0,222	0,269	0,007	0,010	0,285	FALSE
0,007	0,281	-0,001	0,012	0,019	FALSE
0,019	0,288	0,002	0,008	0,072	FALSE
-0,065	0,273	-0,002	0,009	0,103	FALSE
-0,163	0,285	-0,005	0,009	0,234	FALSE
0,101	0,293	0,004	0,011	0,140	FALSE
0,119	0,288	0,005	0,017	0,124	FALSE
-0,101	0,262	-0,005	0,015	0,134	FALSE
-0,080	0,275	-0,002	0,014	0,047	FALSE
0,187	0,263	0,005	0,009	0,226	FALSE
0,125	0,277	0,002	0,009	0,061	FALSE
-0,101	0,280	-0,003	0,016	0,060	FALSE
0,028	0,277	0,004	0,016	0,096	FALSE
-0,025	0,284	-0,002	0,009	0,075	FALSE
-0,029	0,290	-0,002	0,018	0,034	FALSE
0,116	0,281	0,004	0,015	0,106	FALSE
-0,020	0,286	-0,002	0,016	0,041	FALSE
0,005	0,285	0,002	0,011	0,059	FALSE
0,144	0,255	0,003	0,013	0,095	FALSE
0,154	0,257	0,004	0,013	0,102	FALSE
0,117	0,267	0,003	0,014	0,065	FALSE
0,229	0,284	0,009	0,012	0,345	FALSE
-0,032	0,267	0,000	0,012	0,006	FALSE
-0,133	0,280	-0,006	0,013	0,201	FALSE
0,089	0,293	0,005	0,014	0,144	FALSE
0,127	0,283	0,006	0,013	0,190	FALSE
-0,072	0,293	-0,002	0,014	0,052	FALSE
0,091	0,270	0,002	0,012	0,051	FALSE
0,092	0,281	0,003	0,009	0,123	FALSE
0,052	0,291	0,002	0,009	0,068	FALSE
0,017	0,290	-0,001	0,016	0,033	FALSE
-0,075	0,287	-0,001	0,010	0,043	FALSE
-0,034	0,295	-0,004	0,017	0,092	FALSE

0,300	0,260	0,013	0,014	0,447	FALSE
-0,168	0,286	-0,005	0,010	0,211	FALSE
-0,038	0,267	0,000	0,017	0,004	FALSE
0,251	0,264	0,011	0,013	0,432	FALSE
0,069	0,286	-0,001	0,010	0,027	FALSE
0,053	0,289	-0,001	0,010	0,032	FALSE
0,046	0,278	0,004	0,017	0,088	FALSE
0,050	0,295	-0,001	0,018	0,012	FALSE
0,031	0,288	-0,001	0,017	0,016	FALSE
0,029	0,278	0,001	0,009	0,052	FALSE
0,033	0,281	0,001	0,010	0,055	FALSE
0,012	0,281	0,001	0,009	0,044	FALSE
0,040	0,276	0,002	0,010	0,094	FALSE
0,040	0,275	0,002	0,010	0,077	FALSE
-0,020	0,275	0,000	0,009	0,018	FALSE
-0,055	0,270	-0,003	0,010	0,108	FALSE
-0,043	0,279	-0,002	0,011	0,075	FALSE
0,101	0,282	0,004	0,010	0,140	FALSE
-0,070	0,273	-0,001	0,010	0,049	FALSE
0,018	0,290	0,000	0,010	0,007	FALSE
0,056	0,279	0,002	0,012	0,053	FALSE
0,061	0,279	0,001	0,012	0,027	FALSE
0,094	0,281	0,002	0,011	0,079	FALSE
0,034	0,273	0,001	0,017	0,018	FALSE
-0,104	0,276	-0,001	0,008	0,051	FALSE
-0,017	0,284	-0,002	0,009	0,093	FALSE
-0,065	0,288	-0,004	0,013	0,114	FALSE
-0,005	0,293	0,001	0,016	0,027	FALSE
0,145	0,281	0,005	0,010	0,211	FALSE
0,149	0,274	0,003	0,011	0,117	FALSE
-0,101	0,284	-0,008	0,019	0,184	FALSE
0,152	0,285	0,006	0,010	0,283	FALSE
0,009	0,278	0,002	0,012	0,050	FALSE
-0,101	0,271	-0,005	0,012	0,155	FALSE
-0,097	0,282	-0,005	0,013	0,157	FALSE
-0,128	0,283	-0,005	0,014	0,157	FALSE
0,017	0,276	0,001	0,014	0,016	FALSE
0,063	0,271	0,003	0,015	0,067	FALSE
-0,013	0,300	-0,001	0,012	0,017	FALSE
-0,141	0,286	-0,005	0,010	0,228	FALSE
-0,087	0,292	-0,002	0,015	0,048	FALSE
-0,117	0,286	-0,003	0,012	0,100	FALSE
0,062	0,280	0,000	0,012	0,008	FALSE
0,177	0,280	0,006	0,010	0,263	FALSE
0,169	0,272	0,006	0,014	0,194	FALSE
-0,082	0,289	-0,006	0,017	0,129	FALSE
-0,050	0,277	-0,002	0,018	0,045	FALSE
-0,025	0,271	0,000	0,017	0,002	FALSE
0,023	0,259	0,002	0,016	0,046	FALSE
-0,065	0,280	-0,001	0,010	0,033	FALSE
-0,145	0,256	-0,008	0,015	0,221	FALSE
-0,033	0,292	-0,001	0,009	0,020	FALSE
-0,003	0,281	-0,001	0,013	0,018	FALSE

-0,002	0,286	0,000	0,013	0,011	FALSE
-0,149	0,290	-0,007	0,015	0,209	FALSE
0,040	0,288	0,002	0,011	0,064	FALSE
0,055	0,290	0,003	0,015	0,074	FALSE
0,043	0,306	0,003	0,018	0,073	FALSE
-0,139	0,276	-0,004	0,011	0,132	FALSE
-0,058	0,274	0,001	0,017	0,014	FALSE
-0,053	0,264	0,001	0,016	0,024	FALSE
0,120	0,280	0,005	0,017	0,114	FALSE
-0,019	0,284	0,000	0,009	0,013	FALSE
-0,006	0,298	-0,001	0,017	0,030	FALSE
-0,155	0,304	-0,005	0,009	0,218	FALSE
-0,196	0,289	-0,006	0,009	0,278	FALSE
-0,030	0,297	0,000	0,010	0,015	FALSE
-0,148	0,295	-0,008	0,014	0,246	FALSE
-0,099	0,287	-0,005	0,012	0,164	FALSE
-0,029	0,290	0,001	0,011	0,022	FALSE
-0,025	0,289	0,000	0,010	0,001	FALSE
-0,086	0,293	-0,002	0,010	0,069	FALSE
-0,069	0,281	-0,001	0,009	0,032	FALSE
-0,128	0,302	-0,004	0,010	0,145	FALSE
-0,016	0,295	-0,002	0,011	0,057	FALSE
-0,053	0,287	0,000	0,016	0,006	FALSE
0,013	0,303	0,001	0,014	0,019	FALSE
0,000	0,278	-0,001	0,017	0,011	FALSE
0,056	0,289	0,001	0,017	0,031	FALSE
-0,152	0,278	-0,004	0,011	0,136	FALSE
-0,160	0,277	-0,003	0,010	0,127	FALSE
0,131	0,286	0,010	0,016	0,255	FALSE
0,047	0,288	0,001	0,012	0,036	FALSE
-0,065	0,279	-0,004	0,011	0,128	FALSE
-0,073	0,303	-0,003	0,017	0,065	FALSE
-0,146	0,282	-0,004	0,009	0,184	FALSE
-0,010	0,297	0,000	0,009	0,007	FALSE
-0,017	0,297	0,001	0,010	0,034	FALSE
0,083	0,285	0,004	0,014	0,098	FALSE
0,123	0,283	0,005	0,016	0,122	FALSE
0,164	0,283	0,007	0,012	0,264	FALSE
0,174	0,280	0,006	0,010	0,263	FALSE
0,017	0,278	-0,001	0,013	0,025	FALSE
0,057	0,296	0,004	0,012	0,126	FALSE
0,168	0,294	0,006	0,011	0,249	FALSE
-0,026	0,281	-0,001	0,012	0,041	FALSE
-0,037	0,290	-0,002	0,012	0,071	FALSE
0,031	0,272	0,001	0,012	0,027	FALSE
-0,066	0,272	-0,004	0,016	0,085	FALSE
-0,101	0,290	-0,004	0,013	0,121	FALSE
0,035	0,283	0,001	0,009	0,036	FALSE
-0,007	0,284	-0,001	0,009	0,030	FALSE
-0,176	0,274	-0,005	0,011	0,201	FALSE
0,180	0,297	0,008	0,012	0,287	FALSE
-0,090	0,294	-0,004	0,017	0,094	FALSE
0,074	0,290	0,002	0,013	0,071	FALSE

0,068	0,286	0,006	0,017	0,149	FALSE
0,068	0,281	0,006	0,017	0,131	FALSE
0,027	0,279	0,001	0,011	0,046	FALSE
0,036	0,291	0,001	0,017	0,016	FALSE
0,119	0,281	0,005	0,016	0,127	FALSE
-0,015	0,283	0,001	0,010	0,021	FALSE
-0,042	0,273	0,000	0,011	0,007	FALSE
0,093	0,274	0,003	0,009	0,156	FALSE
-0,020	0,283	-0,003	0,018	0,061	FALSE
0,044	0,278	0,004	0,016	0,099	FALSE
-0,026	0,280	-0,002	0,018	0,043	FALSE
0,047	0,278	0,002	0,016	0,047	FALSE
-0,026	0,270	-0,002	0,016	0,035	FALSE
-0,130	0,277	-0,005	0,012	0,170	FALSE
-0,022	0,275	-0,003	0,016	0,061	FALSE
-0,019	0,272	-0,002	0,015	0,049	FALSE
-0,031	0,282	0,000	0,017	0,008	FALSE
0,017	0,290	0,002	0,018	0,042	FALSE
-0,094	0,280	-0,002	0,009	0,091	FALSE
-0,039	0,296	-0,001	0,013	0,027	FALSE
-0,157	0,284	-0,007	0,011	0,255	FALSE
-0,062	0,282	-0,003	0,016	0,080	FALSE
-0,055	0,291	-0,001	0,017	0,027	FALSE
-0,121	0,275	-0,005	0,017	0,129	FALSE
0,086	0,286	0,008	0,017	0,191	FALSE
-0,069	0,273	0,000	0,014	0,011	FALSE
0,020	0,291	0,002	0,016	0,054	FALSE
0,103	0,279	0,002	0,011	0,062	FALSE
-0,027	0,283	0,000	0,008	0,018	FALSE
0,034	0,299	0,002	0,014	0,064	FALSE
-0,012	0,273	-0,001	0,010	0,053	FALSE
0,109	0,276	0,004	0,018	0,098	FALSE
0,055	0,274	0,001	0,011	0,045	FALSE
0,069	0,278	0,002	0,012	0,049	FALSE
0,082	0,295	0,003	0,009	0,135	FALSE
-0,061	0,280	-0,003	0,009	0,113	FALSE
-0,063	0,294	0,000	0,009	0,002	FALSE
0,003	0,278	0,001	0,010	0,038	FALSE
0,134	0,269	0,006	0,017	0,139	FALSE
0,122	0,274	0,003	0,009	0,122	FALSE
0,063	0,288	0,000	0,010	0,010	FALSE
0,067	0,282	0,000	0,010	0,006	FALSE
0,085	0,284	0,002	0,009	0,066	FALSE
0,150	0,291	0,008	0,016	0,215	FALSE
-0,152	0,268	-0,010	0,018	0,243	FALSE
-0,017	0,282	0,002	0,009	0,070	FALSE
0,248	0,280	0,012	0,017	0,344	FALSE
-0,102	0,263	-0,007	0,016	0,176	FALSE
-0,016	0,270	-0,002	0,012	0,051	FALSE
0,023	0,287	0,001	0,009	0,057	FALSE
-0,042	0,289	-0,001	0,015	0,018	FALSE
-0,023	0,283	-0,001	0,011	0,016	FALSE
-0,117	0,281	-0,004	0,009	0,152	FALSE

0,205	0,268	0,008	0,016	0,223	FALSE
0,030	0,281	0,001	0,011	0,021	FALSE
0,117	0,254	0,003	0,013	0,075	FALSE
-0,010	0,297	0,000	0,015	0,005	FALSE
0,131	0,295	0,006	0,016	0,156	FALSE
0,109	0,271	0,002	0,010	0,086	FALSE
0,025	0,300	0,002	0,012	0,063	FALSE
0,061	0,291	0,001	0,009	0,041	FALSE
-0,087	0,291	-0,005	0,017	0,101	FALSE
0,144	0,292	0,005	0,010	0,178	FALSE
0,023	0,299	0,001	0,018	0,024	FALSE
-0,104	0,275	-0,004	0,014	0,105	FALSE
-0,183	0,278	-0,007	0,015	0,193	FALSE
-0,092	0,281	-0,003	0,014	0,085	FALSE
-0,096	0,288	-0,005	0,016	0,132	FALSE
-0,026	0,283	-0,001	0,010	0,019	FALSE
-0,044	0,290	-0,003	0,017	0,056	FALSE
-0,099	0,281	-0,004	0,011	0,159	FALSE
0,119	0,277	0,005	0,011	0,179	FALSE
-0,107	0,271	-0,005	0,013	0,163	FALSE
-0,061	0,277	-0,002	0,012	0,048	FALSE
-0,081	0,260	-0,004	0,009	0,183	FALSE
-0,011	0,275	-0,001	0,010	0,027	FALSE
0,248	0,263	0,009	0,009	0,447	FALSE
-0,047	0,290	-0,001	0,010	0,027	FALSE
0,160	0,272	0,009	0,013	0,304	FALSE
0,120	0,292	0,008	0,016	0,205	FALSE
0,028	0,268	0,000	0,009	0,015	FALSE
0,123	0,268	0,006	0,015	0,171	FALSE
0,140	0,278	0,007	0,015	0,202	FALSE
0,056	0,280	0,002	0,014	0,046	FALSE
0,148	0,278	0,007	0,015	0,211	FALSE
0,065	0,267	0,004	0,012	0,114	FALSE
0,072	0,263	0,005	0,012	0,162	FALSE
0,116	0,267	0,006	0,012	0,234	FALSE
0,009	0,284	0,002	0,012	0,075	FALSE
0,095	0,276	0,008	0,016	0,208	FALSE
-0,141	0,282	-0,006	0,015	0,165	FALSE
-0,055	0,266	-0,002	0,017	0,051	FALSE
-0,057	0,284	-0,003	0,013	0,078	FALSE
0,060	0,295	0,003	0,015	0,062	FALSE
-0,041	0,264	-0,002	0,016	0,050	FALSE
-0,117	0,285	-0,004	0,015	0,106	FALSE
0,030	0,301	0,003	0,018	0,054	FALSE
0,014	0,281	0,001	0,017	0,026	FALSE
-0,020	0,289	0,001	0,017	0,018	FALSE
-0,018	0,298	-0,002	0,016	0,058	FALSE
0,118	0,286	0,004	0,016	0,104	FALSE
0,017	0,280	0,003	0,009	0,132	FALSE
0,203	0,263	0,009	0,015	0,279	FALSE
0,128	0,280	0,006	0,012	0,205	FALSE
0,063	0,273	0,002	0,013	0,045	FALSE
0,010	0,295	-0,001	0,016	0,028	FALSE

0,092	0,286	0,003	0,011	0,101	FALSE
0,064	0,290	0,005	0,016	0,136	FALSE
0,056	0,275	0,002	0,013	0,053	FALSE
0,027	0,285	0,000	0,017	0,005	FALSE
0,017	0,295	0,001	0,011	0,029	FALSE
-0,057	0,278	-0,004	0,018	0,076	FALSE
-0,068	0,286	-0,002	0,010	0,065	FALSE
-0,170	0,273	-0,009	0,014	0,272	FALSE
-0,241	0,263	-0,015	0,017	0,422	FALSE
0,016	0,276	0,002	0,014	0,050	FALSE
-0,183	0,282	-0,009	0,017	0,231	FALSE
-0,122	0,281	-0,005	0,009	0,232	FALSE
0,025	0,268	0,003	0,016	0,062	FALSE
0,019	0,281	0,002	0,009	0,090	FALSE
0,009	0,288	0,000	0,011	0,013	FALSE
-0,249	0,251	-0,018	0,017	0,528	FALSE
0,087	0,272	0,004	0,010	0,151	FALSE
0,118	0,277	0,007	0,011	0,285	FALSE
0,133	0,283	0,008	0,012	0,263	FALSE
0,006	0,291	0,002	0,012	0,064	FALSE
-0,014	0,281	0,000	0,015	0,011	FALSE
0,137	0,282	0,005	0,011	0,166	FALSE
-0,083	0,283	-0,004	0,017	0,097	FALSE
0,113	0,272	0,004	0,011	0,143	FALSE
-0,160	0,270	-0,007	0,013	0,233	FALSE
-0,014	0,267	-0,003	0,015	0,085	FALSE
-0,096	0,289	-0,008	0,018	0,184	FALSE
0,209	0,276	0,012	0,016	0,351	FALSE
-0,129	0,278	-0,004	0,009	0,213	FALSE
-0,068	0,290	-0,001	0,009	0,034	FALSE
-0,097	0,287	-0,003	0,013	0,091	FALSE
-0,165	0,285	-0,005	0,010	0,229	FALSE
0,093	0,279	0,005	0,013	0,140	FALSE
-0,097	0,283	-0,002	0,009	0,089	FALSE
-0,151	0,288	-0,005	0,015	0,144	FALSE
-0,022	0,294	0,001	0,011	0,019	FALSE
-0,005	0,289	-0,002	0,010	0,084	FALSE
-0,032	0,293	-0,002	0,018	0,041	FALSE
-0,028	0,302	-0,002	0,018	0,039	FALSE
0,022	0,288	0,000	0,014	0,013	FALSE
-0,122	0,272	-0,006	0,016	0,158	FALSE
0,048	0,261	0,003	0,012	0,106	FALSE
-0,061	0,270	-0,001	0,014	0,032	FALSE
0,243	0,274	0,007	0,010	0,328	FALSE
-0,021	0,288	-0,001	0,015	0,015	FALSE
0,256	0,274	0,011	0,014	0,352	FALSE
0,121	0,287	0,002	0,009	0,088	FALSE
-0,092	0,289	-0,007	0,014	0,188	FALSE
-0,130	0,280	-0,006	0,015	0,153	FALSE
0,204	0,278	0,009	0,015	0,258	FALSE
-0,003	0,283	0,000	0,009	0,012	FALSE
0,000	0,280	-0,002	0,016	0,050	FALSE
-0,044	0,296	-0,001	0,010	0,049	FALSE

0,129	0,288	0,003	0,009	0,134	FALSE
0,116	0,285	0,007	0,017	0,166	FALSE
0,050	0,277	0,002	0,014	0,057	FALSE
0,029	0,275	0,001	0,017	0,016	FALSE
0,141	0,281	0,005	0,009	0,225	FALSE
0,047	0,286	0,001	0,012	0,043	FALSE
-0,043	0,272	-0,003	0,016	0,084	FALSE
0,057	0,296	0,003	0,014	0,075	FALSE
0,015	0,287	-0,001	0,015	0,020	FALSE
-0,005	0,281	0,001	0,017	0,024	FALSE
-0,078	0,279	-0,002	0,013	0,044	FALSE
0,144	0,269	0,005	0,010	0,196	FALSE
-0,016	0,288	-0,001	0,014	0,026	FALSE
0,031	0,286	0,002	0,017	0,048	FALSE
0,014	0,295	0,002	0,016	0,052	FALSE
-0,041	0,291	-0,002	0,014	0,039	FALSE
0,024	0,291	0,000	0,010	0,000	FALSE
0,106	0,273	0,004	0,017	0,090	FALSE
-0,104	0,288	-0,005	0,017	0,105	FALSE
-0,083	0,275	-0,002	0,012	0,074	FALSE
-0,181	0,273	-0,008	0,015	0,232	FALSE
0,029	0,277	0,002	0,011	0,053	FALSE
0,010	0,305	0,000	0,012	0,006	FALSE
-0,180	0,269	-0,012	0,016	0,337	FALSE
0,148	0,297	0,005	0,010	0,225	FALSE
-0,019	0,284	0,001	0,014	0,033	FALSE
0,263	0,270	0,015	0,017	0,418	FALSE
0,166	0,271	0,005	0,011	0,179	FALSE
-0,086	0,275	-0,006	0,016	0,147	FALSE
-0,088	0,279	-0,005	0,010	0,201	FALSE
0,027	0,284	0,001	0,017	0,019	FALSE
-0,002	0,301	0,000	0,014	0,002	FALSE
0,024	0,276	0,001	0,014	0,037	FALSE
0,159	0,268	0,006	0,014	0,158	FALSE
-0,020	0,299	-0,001	0,010	0,021	FALSE
-0,203	0,276	-0,008	0,011	0,333	FALSE
0,123	0,257	0,005	0,014	0,149	FALSE
-0,027	0,293	0,000	0,010	0,012	FALSE
-0,033	0,284	0,000	0,009	0,013	FALSE
-0,044	0,279	-0,002	0,008	0,081	FALSE
0,135	0,283	0,006	0,014	0,187	FALSE
-0,008	0,274	0,000	0,017	0,001	FALSE
0,109	0,283	0,005	0,015	0,131	FALSE
-0,062	0,299	-0,003	0,013	0,075	FALSE
0,105	0,277	0,003	0,013	0,077	FALSE
0,060	0,271	0,001	0,008	0,050	FALSE
0,029	0,274	0,000	0,012	0,003	FALSE
-0,125	0,281	-0,003	0,009	0,155	FALSE
0,047	0,282	0,002	0,017	0,035	FALSE
0,012	0,291	0,001	0,011	0,034	FALSE
-0,023	0,291	0,000	0,011	0,003	FALSE
-0,092	0,286	-0,003	0,011	0,106	FALSE
-0,159	0,289	-0,006	0,014	0,183	FALSE

-0,071	0,275	-0,001	0,014	0,037	FALSE
-0,042	0,294	-0,001	0,011	0,025	FALSE
0,051	0,284	0,001	0,013	0,043	FALSE
0,000	0,303	0,000	0,018	0,003	FALSE
-0,004	0,289	-0,001	0,017	0,013	FALSE
0,003	0,286	-0,001	0,017	0,015	FALSE
0,140	0,281	0,010	0,018	0,236	FALSE
0,121	0,293	0,008	0,017	0,182	FALSE
-0,030	0,290	0,001	0,009	0,038	FALSE
-0,164	0,271	-0,013	0,017	0,343	FALSE
-0,050	0,286	-0,002	0,010	0,067	FALSE
-0,024	0,284	-0,002	0,010	0,067	FALSE
0,046	0,283	0,001	0,008	0,029	FALSE
0,180	0,267	0,008	0,015	0,236	FALSE
0,036	0,288	0,003	0,013	0,101	FALSE
-0,061	0,277	-0,003	0,010	0,099	FALSE
0,077	0,286	0,002	0,014	0,041	FALSE
0,195	0,285	0,010	0,015	0,282	FALSE
0,185	0,277	0,011	0,015	0,311	FALSE
0,096	0,286	0,004	0,013	0,120	FALSE
0,116	0,286	0,003	0,014	0,092	FALSE
-0,099	0,280	-0,005	0,015	0,129	FALSE
0,208	0,281	0,012	0,017	0,331	FALSE
0,010	0,285	-0,001	0,013	0,026	FALSE
0,184	0,280	0,005	0,010	0,195	FALSE
-0,231	0,280	-0,009	0,013	0,322	FALSE
-0,129	0,282	-0,008	0,015	0,210	FALSE
-0,012	0,291	-0,002	0,012	0,055	FALSE
0,033	0,281	0,002	0,015	0,058	FALSE
-0,068	0,281	-0,001	0,015	0,028	FALSE
0,165	0,286	0,008	0,013	0,287	FALSE
-0,017	0,284	0,000	0,010	0,006	FALSE
0,063	0,294	0,002	0,018	0,042	FALSE
0,105	0,319	0,004	0,014	0,101	FALSE
0,072	0,295	0,004	0,013	0,109	FALSE
0,039	0,291	0,002	0,014	0,051	FALSE
-0,011	0,281	0,000	0,011	0,007	FALSE
0,079	0,275	0,002	0,009	0,095	FALSE
-0,009	0,292	-0,002	0,017	0,037	FALSE
-0,056	0,291	-0,003	0,013	0,086	FALSE
0,120	0,295	0,004	0,016	0,102	FALSE
-0,077	0,291	-0,003	0,011	0,098	FALSE
-0,063	0,290	-0,002	0,012	0,045	FALSE
0,114	0,284	0,006	0,016	0,159	FALSE
0,166	0,273	0,009	0,017	0,219	FALSE
0,172	0,282	0,010	0,018	0,231	FALSE
-0,200	0,268	-0,005	0,010	0,234	FALSE
-0,006	0,284	-0,001	0,009	0,029	FALSE
-0,185	0,288	-0,005	0,010	0,208	FALSE
0,120	0,275	0,002	0,011	0,081	FALSE
0,058	0,282	0,000	0,017	0,009	FALSE
0,018	0,291	0,003	0,012	0,083	FALSE
0,065	0,292	0,002	0,011	0,058	FALSE

-0,065	0,281	-0,001	0,008	0,052	FALSE
0,005	0,282	0,000	0,014	0,005	FALSE
-0,001	0,265	0,001	0,013	0,031	FALSE
0,112	0,282	0,006	0,015	0,168	FALSE
-0,142	0,281	-0,008	0,017	0,210	FALSE
0,088	0,294	0,007	0,018	0,152	FALSE
0,093	0,273	0,007	0,017	0,170	FALSE
-0,113	0,265	-0,005	0,014	0,130	FALSE
0,035	0,271	-0,001	0,012	0,016	FALSE
0,010	0,294	-0,001	0,018	0,011	FALSE
0,037	0,285	0,000	0,014	0,004	FALSE
-0,098	0,291	-0,002	0,008	0,116	FALSE
-0,032	0,280	-0,003	0,012	0,080	FALSE
-0,065	0,278	-0,004	0,013	0,138	FALSE
-0,015	0,298	-0,002	0,013	0,054	FALSE
0,034	0,274	0,004	0,015	0,092	FALSE
0,022	0,284	0,001	0,009	0,028	FALSE
0,035	0,290	0,002	0,016	0,041	FALSE
0,005	0,302	-0,001	0,018	0,018	FALSE
0,101	0,278	0,003	0,010	0,136	FALSE
-0,192	0,283	-0,005	0,009	0,216	FALSE
-0,170	0,275	-0,004	0,009	0,170	FALSE
0,128	0,291	0,005	0,011	0,208	FALSE
0,101	0,287	0,005	0,012	0,165	FALSE
-0,037	0,294	-0,002	0,012	0,052	FALSE
0,097	0,277	0,003	0,009	0,136	FALSE
0,139	0,284	0,005	0,009	0,236	FALSE
0,058	0,291	0,004	0,009	0,163	FALSE
-0,066	0,290	-0,001	0,010	0,042	FALSE
0,058	0,270	0,003	0,017	0,061	FALSE
0,063	0,274	0,002	0,009	0,084	FALSE
0,010	0,291	0,002	0,014	0,038	FALSE
-0,052	0,291	-0,002	0,015	0,051	FALSE
0,125	0,287	0,004	0,010	0,159	FALSE
-0,087	0,289	-0,003	0,009	0,158	FALSE
0,186	0,294	0,010	0,018	0,236	FALSE
-0,126	0,274	-0,005	0,012	0,191	FALSE
-0,088	0,277	-0,004	0,012	0,132	FALSE
-0,112	0,282	-0,004	0,012	0,130	FALSE
-0,088	0,282	-0,004	0,012	0,115	FALSE
0,222	0,277	0,006	0,009	0,294	FALSE
-0,202	0,275	-0,009	0,012	0,333	FALSE
-0,189	0,279	-0,009	0,013	0,317	FALSE
0,211	0,276	0,006	0,009	0,307	FALSE
0,006	0,288	-0,001	0,017	0,012	FALSE
-0,167	0,287	-0,008	0,011	0,306	FALSE
-0,006	0,283	-0,002	0,013	0,047	FALSE
0,063	0,289	0,003	0,012	0,092	FALSE
-0,017	0,285	0,000	0,016	0,005	FALSE
-0,136	0,281	-0,004	0,009	0,190	FALSE
-0,132	0,291	-0,004	0,012	0,139	FALSE
-0,024	0,280	-0,001	0,014	0,033	FALSE
-0,069	0,294	-0,004	0,013	0,128	FALSE

0,105	0,281	0,003	0,010	0,102	FALSE
0,108	0,298	0,006	0,017	0,138	FALSE
-0,048	0,282	-0,002	0,017	0,046	FALSE
-0,075	0,291	-0,006	0,016	0,139	FALSE
-0,049	0,276	-0,002	0,011	0,076	FALSE
0,128	0,282	0,004	0,009	0,166	FALSE
0,143	0,277	0,005	0,011	0,181	FALSE
0,089	0,280	0,003	0,010	0,123	FALSE
-0,195	0,272	-0,010	0,017	0,252	FALSE
0,122	0,283	0,006	0,018	0,140	FALSE
0,377	0,246	0,021	0,017	0,653	FALSE
0,066	0,289	0,004	0,017	0,101	FALSE
-0,073	0,278	-0,003	0,013	0,087	FALSE
-0,146	0,281	-0,005	0,010	0,228	FALSE
-0,036	0,291	-0,001	0,017	0,017	FALSE
0,050	0,285	0,002	0,015	0,053	FALSE
0,069	0,287	0,001	0,011	0,038	FALSE
0,019	0,288	0,002	0,013	0,044	FALSE
0,108	0,278	0,003	0,009	0,147	FALSE
0,152	0,278	0,005	0,010	0,221	FALSE
-0,085	0,283	-0,004	0,016	0,091	FALSE
0,026	0,293	0,002	0,015	0,041	FALSE
-0,005	0,283	0,000	0,009	0,017	FALSE
-0,100	0,279	-0,004	0,012	0,125	FALSE
-0,143	0,272	-0,008	0,014	0,231	FALSE
0,004	0,273	0,000	0,009	0,012	FALSE
-0,168	0,286	-0,010	0,016	0,252	FALSE
-0,183	0,285	-0,010	0,016	0,281	FALSE
-0,178	0,287	-0,006	0,010	0,256	FALSE
0,275	0,265	0,008	0,010	0,374	FALSE
-0,139	0,277	-0,003	0,011	0,116	FALSE
-0,042	0,283	-0,001	0,010	0,049	FALSE
0,098	0,294	0,008	0,017	0,197	FALSE
0,054	0,285	0,002	0,008	0,082	FALSE
0,017	0,287	0,002	0,016	0,045	FALSE
-0,011	0,287	-0,002	0,017	0,050	FALSE
-0,128	0,277	-0,008	0,016	0,216	FALSE
0,074	0,300	0,005	0,016	0,114	FALSE
-0,120	0,275	-0,006	0,013	0,177	FALSE
0,019	0,288	-0,001	0,017	0,014	FALSE
-0,195	0,274	-0,010	0,013	0,342	FALSE
-0,060	0,284	-0,002	0,011	0,054	FALSE
-0,063	0,294	-0,002	0,011	0,058	FALSE
-0,005	0,261	0,000	0,012	0,007	FALSE
-0,110	0,288	-0,004	0,015	0,114	FALSE
-0,027	0,278	-0,003	0,012	0,110	FALSE
-0,080	0,290	-0,004	0,012	0,140	FALSE
0,095	0,284	0,006	0,015	0,176	FALSE
-0,184	0,271	-0,007	0,012	0,238	FALSE
0,263	0,258	0,015	0,016	0,463	FALSE
-0,119	0,277	-0,002	0,009	0,107	FALSE
-0,050	0,291	-0,003	0,014	0,073	FALSE
-0,128	0,275	-0,003	0,010	0,108	FALSE

0,111	0,288	0,007	0,015	0,185	FALSE
-0,119	0,296	-0,003	0,012	0,098	FALSE
-0,069	0,291	-0,004	0,017	0,094	FALSE
0,050	0,296	0,001	0,009	0,045	FALSE
-0,137	0,289	-0,005	0,012	0,169	FALSE
0,133	0,289	0,005	0,011	0,184	FALSE
-0,161	0,282	-0,006	0,011	0,224	FALSE
-0,076	0,292	-0,007	0,018	0,146	FALSE
0,097	0,286	0,007	0,016	0,167	FALSE
0,247	0,261	0,007	0,011	0,311	FALSE
-0,125	0,276	-0,004	0,010	0,158	FALSE
0,194	0,270	0,009	0,017	0,235	FALSE
-0,052	0,295	-0,003	0,013	0,093	FALSE
0,052	0,283	0,002	0,011	0,075	FALSE
0,012	0,274	-0,001	0,016	0,027	FALSE
0,021	0,275	-0,001	0,011	0,021	FALSE
-0,018	0,288	0,000	0,009	0,002	FALSE
-0,116	0,290	-0,004	0,010	0,170	FALSE
-0,041	0,283	0,000	0,013	0,001	FALSE
-0,169	0,282	-0,006	0,010	0,250	FALSE
0,149	0,280	0,008	0,016	0,207	FALSE
0,061	0,271	0,002	0,017	0,038	FALSE
0,037	0,269	0,000	0,016	0,001	FALSE
0,053	0,275	0,001	0,017	0,017	FALSE
0,071	0,276	0,005	0,017	0,104	FALSE
-0,137	0,284	-0,008	0,017	0,190	FALSE
-0,081	0,290	-0,004	0,014	0,109	FALSE
-0,007	0,280	0,001	0,011	0,023	FALSE
-0,042	0,293	-0,002	0,009	0,063	FALSE
0,056	0,285	0,002	0,009	0,072	FALSE
-0,112	0,267	-0,003	0,010	0,144	FALSE
-0,018	0,283	-0,001	0,013	0,024	FALSE
0,015	0,293	0,000	0,011	0,005	FALSE
0,094	0,272	0,002	0,009	0,090	FALSE
-0,022	0,279	0,001	0,011	0,046	FALSE
0,218	0,271	0,007	0,009	0,341	FALSE
0,043	0,278	0,005	0,017	0,120	FALSE
-0,112	0,276	-0,008	0,017	0,182	FALSE
-0,043	0,286	-0,002	0,017	0,042	FALSE
0,088	0,268	0,004	0,015	0,094	FALSE
-0,118	0,274	-0,009	0,017	0,232	FALSE
-0,086	0,297	-0,005	0,018	0,100	FALSE
0,089	0,276	0,003	0,009	0,109	FALSE
0,002	0,288	-0,001	0,012	0,018	FALSE
-0,042	0,279	-0,002	0,009	0,104	FALSE
-0,080	0,292	-0,002	0,014	0,063	FALSE
-0,015	0,293	-0,001	0,017	0,015	FALSE
0,008	0,267	0,000	0,016	0,008	FALSE
-0,070	0,284	-0,001	0,009	0,055	FALSE
-0,023	0,286	-0,003	0,016	0,059	FALSE
0,121	0,277	0,007	0,017	0,164	FALSE
0,056	0,272	0,000	0,015	0,010	FALSE
0,126	0,275	0,002	0,009	0,084	FALSE

0,032	0,287	0,004	0,011	0,132	FALSE
0,175	0,272	0,006	0,013	0,191	FALSE
0,009	0,272	0,000	0,012	0,010	FALSE
-0,087	0,278	-0,007	0,017	0,166	FALSE
0,037	0,286	-0,001	0,016	0,019	FALSE
-0,015	0,284	-0,001	0,011	0,028	FALSE
0,103	0,295	0,006	0,016	0,144	FALSE
0,086	0,276	0,003	0,017	0,056	FALSE
-0,071	0,280	-0,001	0,009	0,029	FALSE
0,014	0,278	0,002	0,012	0,067	FALSE
-0,093	0,292	-0,003	0,011	0,091	FALSE
0,016	0,293	0,000	0,012	0,002	FALSE
-0,006	0,285	-0,002	0,016	0,053	FALSE
0,032	0,287	0,002	0,009	0,073	FALSE
-0,190	0,271	-0,012	0,016	0,329	FALSE
0,049	0,284	0,002	0,016	0,051	FALSE
0,133	0,277	0,006	0,010	0,238	FALSE
0,173	0,275	0,005	0,016	0,134	FALSE
0,087	0,264	0,003	0,010	0,098	FALSE
-0,029	0,291	0,000	0,010	0,005	FALSE
0,036	0,274	0,003	0,016	0,071	FALSE
-0,004	0,292	0,000	0,008	0,021	FALSE
0,129	0,280	0,009	0,017	0,237	FALSE
0,146	0,263	0,003	0,009	0,137	FALSE
0,229	0,273	0,013	0,016	0,363	FALSE
0,159	0,270	0,005	0,008	0,262	FALSE
-0,155	0,276	-0,005	0,009	0,202	FALSE
-0,126	0,284	-0,009	0,018	0,222	FALSE
0,107	0,271	0,005	0,013	0,155	FALSE
-0,009	0,279	0,004	0,015	0,104	FALSE
0,066	0,272	0,001	0,013	0,031	FALSE
-0,023	0,281	-0,001	0,010	0,019	FALSE
-0,066	0,285	-0,002	0,013	0,052	FALSE
-0,069	0,275	-0,004	0,011	0,146	FALSE
-0,178	0,295	-0,007	0,012	0,248	FALSE
-0,008	0,308	0,000	0,011	0,002	FALSE
0,152	0,265	0,008	0,016	0,205	FALSE
0,064	0,281	0,004	0,017	0,088	FALSE
-0,130	0,281	-0,004	0,009	0,204	FALSE
0,002	0,287	0,000	0,010	0,017	FALSE
-0,033	0,288	-0,001	0,009	0,047	FALSE
0,191	0,271	0,006	0,010	0,224	FALSE
0,075	0,263	0,006	0,016	0,147	FALSE
0,093	0,276	0,006	0,017	0,152	FALSE
0,017	0,283	0,002	0,013	0,043	FALSE
0,016	0,297	0,002	0,013	0,058	FALSE
0,100	0,287	0,003	0,010	0,120	FALSE
-0,124	0,267	-0,008	0,017	0,186	FALSE
0,161	0,280	0,005	0,011	0,193	FALSE
-0,185	0,283	-0,009	0,014	0,292	FALSE
-0,096	0,296	-0,004	0,013	0,104	FALSE
-0,108	0,286	-0,003	0,017	0,072	FALSE
-0,217	0,283	-0,012	0,017	0,310	FALSE

-0,008	0,284	0,000	0,012	0,007	FALSE
0,116	0,272	0,007	0,017	0,168	FALSE
-0,022	0,310	-0,001	0,018	0,018	FALSE
-0,020	0,280	0,000	0,013	0,005	FALSE
-0,045	0,264	-0,003	0,014	0,074	FALSE
0,140	0,276	0,005	0,010	0,211	FALSE
-0,120	0,271	-0,005	0,013	0,149	FALSE
0,168	0,270	0,010	0,017	0,279	FALSE
0,195	0,260	0,012	0,016	0,342	FALSE
0,127	0,278	0,005	0,012	0,146	FALSE
0,004	0,281	-0,004	0,018	0,075	FALSE
0,078	0,290	0,004	0,010	0,177	FALSE
0,014	0,299	0,000	0,016	0,004	FALSE
-0,093	0,282	-0,001	0,010	0,044	FALSE
-0,067	0,277	-0,003	0,016	0,070	FALSE
-0,144	0,295	-0,005	0,011	0,182	FALSE
-0,017	0,289	0,000	0,013	0,011	FALSE
-0,061	0,294	-0,001	0,012	0,036	FALSE
-0,043	0,282	-0,001	0,010	0,026	FALSE
0,023	0,280	0,002	0,010	0,080	FALSE
-0,136	0,277	-0,004	0,009	0,167	FALSE
-0,066	0,286	-0,002	0,012	0,067	FALSE
0,049	0,293	0,003	0,010	0,094	FALSE
-0,021	0,276	0,000	0,016	0,006	FALSE
0,003	0,288	0,001	0,018	0,020	FALSE
0,046	0,275	0,003	0,016	0,077	FALSE
-0,110	0,290	-0,003	0,013	0,083	FALSE
-0,096	0,280	-0,004	0,018	0,093	FALSE
-0,024	0,297	-0,001	0,013	0,026	FALSE
-0,221	0,262	-0,014	0,016	0,432	FALSE
-0,054	0,270	-0,003	0,009	0,111	FALSE
-0,025	0,287	0,000	0,010	0,015	FALSE
0,073	0,274	0,001	0,009	0,042	FALSE
0,044	0,281	0,000	0,018	0,009	FALSE
-0,019	0,289	0,001	0,012	0,041	FALSE
-0,054	0,289	-0,003	0,015	0,064	FALSE
-0,092	0,282	-0,003	0,009	0,143	FALSE
0,100	0,285	0,005	0,017	0,117	FALSE
-0,016	0,281	0,000	0,017	0,004	FALSE
0,096	0,269	0,006	0,015	0,177	FALSE
-0,070	0,277	-0,002	0,010	0,096	FALSE
-0,041	0,286	-0,001	0,010	0,019	FALSE
-0,120	0,284	-0,005	0,017	0,116	FALSE
-0,033	0,298	-0,003	0,018	0,066	FALSE
-0,031	0,279	0,000	0,009	0,014	FALSE
-0,108	0,289	-0,006	0,018	0,131	FALSE
-0,029	0,283	-0,001	0,013	0,033	FALSE
0,073	0,284	0,005	0,016	0,112	FALSE
0,102	0,293	0,006	0,017	0,153	FALSE
-0,018	0,278	-0,001	0,013	0,027	FALSE
-0,067	0,278	-0,003	0,011	0,083	FALSE
-0,080	0,285	-0,002	0,009	0,094	FALSE
0,063	0,268	0,002	0,012	0,065	FALSE

0,056	0,289	0,000	0,017	0,002	FALSE
0,085	0,282	0,004	0,012	0,116	FALSE
0,075	0,292	0,003	0,014	0,088	FALSE
-0,021	0,281	-0,004	0,011	0,138	FALSE
0,047	0,286	0,003	0,017	0,061	FALSE
-0,034	0,283	-0,002	0,014	0,053	FALSE
-0,007	0,277	0,000	0,015	0,004	FALSE
-0,024	0,262	-0,001	0,014	0,021	FALSE
-0,020	0,289	0,000	0,012	0,014	FALSE
0,062	0,295	0,002	0,010	0,065	FALSE
0,052	0,290	0,002	0,015	0,059	FALSE
0,021	0,290	0,000	0,010	0,011	FALSE
-0,021	0,278	0,001	0,017	0,016	FALSE
-0,035	0,273	-0,001	0,016	0,011	FALSE
-0,026	0,293	-0,001	0,011	0,017	FALSE
0,167	0,280	0,006	0,011	0,241	FALSE
0,035	0,295	0,004	0,012	0,118	FALSE
0,015	0,290	0,003	0,012	0,080	FALSE
0,016	0,300	0,000	0,018	0,000	FALSE
-0,067	0,277	-0,002	0,014	0,058	FALSE
-0,030	0,287	0,000	0,009	0,007	FALSE
-0,093	0,293	-0,003	0,010	0,131	FALSE
0,084	0,283	0,002	0,009	0,080	FALSE
0,000	0,275	-0,003	0,011	0,096	FALSE
-0,037	0,273	-0,004	0,012	0,139	FALSE
-0,035	0,278	-0,004	0,012	0,137	FALSE
-0,116	0,283	-0,005	0,012	0,156	FALSE
0,127	0,288	0,003	0,010	0,131	FALSE
-0,058	0,277	-0,001	0,010	0,041	FALSE
-0,004	0,282	0,001	0,010	0,028	FALSE
-0,018	0,298	-0,001	0,010	0,048	FALSE
-0,121	0,285	-0,003	0,012	0,104	FALSE
-0,019	0,295	-0,001	0,011	0,040	FALSE
-0,137	0,286	-0,004	0,011	0,138	FALSE
0,021	0,298	0,001	0,016	0,024	FALSE
-0,033	0,285	-0,001	0,010	0,041	FALSE
0,034	0,276	0,000	0,016	0,005	FALSE
0,068	0,280	0,002	0,013	0,060	FALSE
0,128	0,292	0,004	0,010	0,181	FALSE
-0,127	0,274	-0,007	0,014	0,219	FALSE
-0,006	0,292	0,001	0,009	0,029	FALSE
-0,031	0,286	-0,004	0,017	0,083	FALSE
-0,040	0,276	-0,001	0,011	0,019	FALSE
0,025	0,271	0,000	0,011	0,005	FALSE
0,054	0,296	0,002	0,015	0,056	FALSE
0,047	0,283	0,002	0,010	0,069	FALSE
0,052	0,283	0,001	0,009	0,055	FALSE
0,120	0,257	0,002	0,008	0,116	FALSE
0,116	0,280	0,002	0,014	0,065	FALSE
0,115	0,278	0,003	0,014	0,071	FALSE
-0,162	0,276	-0,005	0,008	0,257	FALSE
0,088	0,286	0,002	0,014	0,067	FALSE
0,080	0,299	0,004	0,014	0,094	FALSE

0,012	0,282	0,001	0,016	0,032	FALSE
-0,086	0,292	-0,003	0,009	0,108	FALSE
0,141	0,287	0,005	0,011	0,198	FALSE
-0,020	0,278	0,000	0,009	0,012	FALSE
0,103	0,287	0,004	0,012	0,117	FALSE
0,113	0,277	0,003	0,009	0,129	FALSE
0,092	0,280	0,004	0,015	0,106	FALSE
0,173	0,276	0,005	0,010	0,208	FALSE
0,009	0,286	0,000	0,009	0,003	FALSE
0,036	0,273	0,001	0,013	0,036	FALSE
0,008	0,291	-0,001	0,016	0,017	FALSE
0,045	0,289	0,002	0,016	0,040	FALSE
-0,080	0,270	-0,003	0,017	0,065	FALSE
0,064	0,302	0,004	0,014	0,111	FALSE
0,070	0,285	0,004	0,014	0,122	FALSE
0,084	0,291	0,005	0,014	0,137	FALSE
0,051	0,288	0,004	0,013	0,109	FALSE
-0,069	0,282	-0,001	0,012	0,042	FALSE
-0,164	0,283	-0,008	0,016	0,216	FALSE
0,081	0,253	0,003	0,014	0,078	FALSE
0,148	0,256	0,006	0,013	0,182	FALSE
0,040	0,287	0,001	0,009	0,050	FALSE
-0,123	0,286	-0,005	0,013	0,150	FALSE
-0,238	0,269	-0,007	0,009	0,386	FALSE
-0,086	0,278	-0,003	0,013	0,075	FALSE
-0,147	0,286	-0,008	0,018	0,177	FALSE
0,090	0,289	0,004	0,018	0,082	FALSE
0,213	0,270	0,007	0,011	0,284	FALSE
0,035	0,297	0,003	0,012	0,096	FALSE
0,162	0,280	0,005	0,010	0,198	FALSE
0,168	0,293	0,006	0,016	0,165	FALSE
-0,216	0,282	-0,008	0,013	0,277	FALSE
0,027	0,287	0,001	0,012	0,037	FALSE
-0,035	0,288	-0,002	0,010	0,055	FALSE
0,039	0,289	0,002	0,009	0,073	FALSE
0,059	0,276	0,002	0,013	0,048	FALSE
-0,196	0,274	-0,009	0,012	0,322	FALSE
-0,134	0,282	-0,006	0,013	0,207	FALSE
0,131	0,270	0,004	0,010	0,161	FALSE
-0,005	0,294	-0,001	0,009	0,028	FALSE
-0,085	0,298	-0,005	0,018	0,120	FALSE
-0,143	0,279	-0,008	0,012	0,288	FALSE
0,250	0,270	0,008	0,009	0,420	FALSE
0,001	0,296	0,002	0,013	0,045	FALSE
0,117	0,273	0,003	0,009	0,117	FALSE
-0,031	0,276	0,000	0,015	0,008	FALSE
0,096	0,294	0,007	0,015	0,192	FALSE
-0,108	0,270	-0,009	0,014	0,266	FALSE
-0,056	0,286	0,000	0,012	0,003	FALSE
0,168	0,275	0,007	0,011	0,308	FALSE
-0,169	0,286	-0,005	0,009	0,211	FALSE
-0,064	0,282	-0,002	0,017	0,049	FALSE
-0,035	0,284	-0,003	0,015	0,078	FALSE

-0,039	0,285	0,000	0,009	0,008	FALSE
-0,006	0,283	0,000	0,014	0,009	FALSE
0,330	0,263	0,010	0,010	0,496	FALSE
0,020	0,284	0,000	0,009	0,002	FALSE
0,017	0,275	0,001	0,015	0,019	FALSE
0,141	0,295	0,007	0,016	0,180	FALSE
0,031	0,286	0,002	0,010	0,063	FALSE
0,126	0,293	0,006	0,016	0,163	FALSE
-0,117	0,280	-0,004	0,010	0,162	FALSE
-0,028	0,287	-0,002	0,014	0,053	FALSE
-0,002	0,295	0,001	0,011	0,045	FALSE
0,009	0,282	0,002	0,010	0,054	FALSE
-0,280	0,258	-0,010	0,010	0,486	FALSE
-0,060	0,285	-0,002	0,011	0,074	FALSE
0,065	0,285	0,001	0,009	0,052	FALSE
0,175	0,271	0,009	0,015	0,250	FALSE
-0,037	0,280	0,000	0,010	0,016	FALSE
-0,007	0,298	0,001	0,011	0,018	FALSE
0,057	0,286	0,002	0,013	0,063	FALSE
-0,183	0,273	-0,010	0,014	0,308	FALSE
-0,061	0,275	-0,006	0,017	0,127	FALSE
0,045	0,280	0,003	0,010	0,102	FALSE
-0,073	0,268	-0,004	0,014	0,111	FALSE
0,057	0,272	0,003	0,009	0,116	FALSE
0,039	0,281	0,001	0,011	0,038	FALSE
0,021	0,289	0,001	0,010	0,052	FALSE
0,091	0,298	0,007	0,018	0,171	FALSE
-0,096	0,285	-0,003	0,010	0,102	FALSE
0,146	0,285	0,005	0,013	0,147	FALSE
0,057	0,273	0,002	0,009	0,075	FALSE
0,097	0,280	0,002	0,009	0,067	FALSE
-0,054	0,291	-0,001	0,011	0,048	FALSE
0,108	0,298	0,005	0,010	0,215	FALSE
0,216	0,262	0,006	0,009	0,293	FALSE
0,013	0,299	0,001	0,017	0,024	TRUE
0,032	0,294	0,002	0,017	0,034	FALSE
-0,232	0,269	-0,015	0,017	0,423	FALSE
0,001	0,273	0,004	0,017	0,098	FALSE
-0,128	0,286	-0,005	0,013	0,143	TRUE
-0,083	0,287	-0,006	0,017	0,148	FALSE
-0,038	0,285	-0,001	0,017	0,019	FALSE
0,053	0,289	0,001	0,009	0,055	FALSE
-0,146	0,298	-0,005	0,009	0,233	FALSE
-0,051	0,288	-0,003	0,017	0,068	FALSE
0,173	0,290	0,005	0,010	0,237	FALSE
0,040	0,304	0,002	0,012	0,052	FALSE
-0,016	0,285	0,000	0,009	0,003	FALSE
-0,017	0,263	-0,001	0,016	0,012	FALSE
-0,166	0,283	-0,006	0,010	0,254	FALSE
-0,100	0,287	-0,002	0,009	0,103	FALSE
0,156	0,278	0,006	0,011	0,221	FALSE
-0,095	0,288	-0,002	0,008	0,100	FALSE
0,036	0,295	0,002	0,011	0,061	FALSE

0,031	0,296	0,001	0,016	0,029	FALSE
-0,080	0,299	-0,004	0,016	0,095	FALSE
0,127	0,279	0,004	0,009	0,155	FALSE
-0,022	0,286	0,001	0,011	0,027	FALSE
0,011	0,285	0,000	0,011	0,016	FALSE
-0,073	0,276	-0,003	0,012	0,080	FALSE
-0,186	0,275	-0,006	0,011	0,248	FALSE
0,119	0,288	0,004	0,013	0,111	FALSE
0,110	0,284	0,004	0,014	0,120	FALSE
0,093	0,286	0,002	0,013	0,060	FALSE
0,158	0,274	0,005	0,014	0,156	FALSE
-0,058	0,278	-0,003	0,012	0,100	FALSE
0,011	0,278	-0,001	0,011	0,019	FALSE
-0,158	0,281	-0,009	0,017	0,235	FALSE
-0,061	0,279	-0,004	0,016	0,094	FALSE
-0,040	0,290	-0,002	0,009	0,072	FALSE
-0,106	0,285	-0,007	0,016	0,191	FALSE
0,094	0,282	0,002	0,009	0,075	FALSE
-0,015	0,288	0,001	0,012	0,045	FALSE
0,101	0,275	0,005	0,010	0,191	FALSE
0,000	0,278	-0,001	0,015	0,027	FALSE
0,011	0,278	0,002	0,009	0,067	FALSE
-0,075	0,281	-0,002	0,018	0,048	FALSE
0,036	0,293	0,001	0,009	0,037	FALSE
0,139	0,289	0,005	0,013	0,168	FALSE
0,075	0,274	0,004	0,017	0,096	FALSE
0,169	0,284	0,009	0,012	0,331	FALSE
0,104	0,282	0,007	0,017	0,160	FALSE
-0,140	0,278	-0,004	0,009	0,185	FALSE
0,045	0,279	0,004	0,017	0,082	FALSE
0,038	0,282	0,004	0,017	0,081	FALSE
-0,065	0,304	-0,002	0,014	0,045	FALSE
0,002	0,283	0,001	0,014	0,017	FALSE
0,138	0,279	0,003	0,009	0,143	FALSE
-0,298	0,275	-0,012	0,012	0,477	FALSE
-0,190	0,288	-0,006	0,010	0,236	FALSE
-0,277	0,264	-0,010	0,012	0,420	FALSE
-0,280	0,283	-0,011	0,013	0,385	FALSE
0,061	0,288	0,001	0,013	0,040	FALSE
-0,180	0,279	-0,010	0,015	0,322	FALSE
-0,128	0,294	-0,003	0,010	0,111	FALSE
-0,053	0,274	-0,002	0,012	0,065	FALSE
-0,073	0,276	-0,002	0,011	0,078	FALSE
0,146	0,278	0,004	0,011	0,158	FALSE
0,189	0,281	0,012	0,015	0,345	FALSE
-0,047	0,286	0,000	0,011	0,009	FALSE
0,164	0,289	0,008	0,015	0,225	FALSE
0,163	0,278	0,009	0,016	0,259	FALSE
0,145	0,295	0,003	0,010	0,137	FALSE
0,109	0,282	0,003	0,011	0,100	FALSE
0,026	0,283	0,000	0,017	0,005	FALSE
0,120	0,274	0,003	0,009	0,129	FALSE
0,092	0,279	0,005	0,011	0,194	FALSE

-0,022	0,281	0,000	0,017	0,004	FALSE
0,176	0,278	0,007	0,013	0,213	FALSE
0,027	0,288	-0,001	0,014	0,016	FALSE
0,072	0,269	0,002	0,011	0,059	FALSE
-0,026	0,286	-0,001	0,013	0,015	FALSE
-0,043	0,297	-0,002	0,011	0,057	FALSE
0,023	0,279	0,000	0,012	0,012	FALSE
-0,251	0,286	-0,014	0,018	0,356	FALSE
-0,236	0,276	-0,012	0,016	0,332	FALSE
-0,242	0,264	-0,013	0,016	0,353	FALSE
-0,269	0,257	-0,012	0,013	0,463	FALSE
-0,233	0,262	-0,009	0,011	0,383	FALSE
-0,165	0,279	-0,008	0,015	0,220	FALSE
-0,130	0,283	-0,005	0,010	0,193	FALSE
-0,155	0,297	-0,004	0,010	0,147	FALSE
0,061	0,289	0,004	0,012	0,143	FALSE
0,102	0,278	0,003	0,009	0,139	FALSE
-0,042	0,288	-0,001	0,011	0,049	FALSE
0,242	0,278	0,006	0,009	0,294	FALSE
0,018	0,277	0,002	0,016	0,043	FALSE
-0,101	0,293	-0,007	0,017	0,169	FALSE
0,217	0,271	0,011	0,015	0,342	FALSE
-0,096	0,279	-0,003	0,013	0,089	FALSE
0,044	0,279	0,000	0,009	0,009	FALSE
0,070	0,283	0,005	0,015	0,133	FALSE
0,095	0,277	0,002	0,012	0,059	FALSE
-0,044	0,286	-0,002	0,009	0,080	FALSE
0,105	0,278	0,003	0,011	0,102	FALSE
-0,116	0,276	-0,008	0,017	0,186	FALSE
-0,076	0,286	-0,002	0,012	0,074	FALSE
0,006	0,278	-0,001	0,010	0,032	FALSE
-0,077	0,278	-0,002	0,011	0,079	FALSE
-0,126	0,292	-0,003	0,018	0,068	FALSE
0,017	0,285	0,004	0,014	0,104	FALSE
-0,148	0,271	-0,006	0,010	0,269	FALSE
-0,019	0,281	0,000	0,011	0,012	FALSE
-0,024	0,281	0,000	0,013	0,009	FALSE
0,064	0,279	0,002	0,010	0,062	FALSE
0,037	0,283	0,001	0,010	0,049	FALSE
-0,016	0,299	0,000	0,010	0,006	FALSE
-0,094	0,283	-0,003	0,009	0,114	FALSE
-0,114	0,286	-0,005	0,014	0,139	FALSE
0,003	0,288	-0,002	0,016	0,042	FALSE
-0,035	0,276	0,000	0,010	0,006	FALSE
-0,011	0,283	-0,001	0,018	0,014	FALSE
-0,198	0,270	-0,012	0,017	0,337	FALSE
0,103	0,278	0,005	0,012	0,177	FALSE
0,079	0,281	0,004	0,017	0,078	FALSE
0,049	0,288	0,001	0,012	0,024	FALSE
0,120	0,294	0,003	0,011	0,109	FALSE
0,212	0,271	0,013	0,017	0,351	FALSE
-0,007	0,293	-0,002	0,017	0,052	FALSE
-0,117	0,298	-0,004	0,009	0,166	FALSE

0,003	0,305	-0,001	0,012	0,017	FALSE
0,032	0,280	0,001	0,011	0,034	FALSE
0,041	0,287	0,001	0,010	0,043	FALSE
0,065	0,277	0,003	0,009	0,137	FALSE
0,096	0,303	0,005	0,014	0,142	FALSE
-0,099	0,294	-0,006	0,015	0,170	FALSE
0,137	0,280	0,006	0,015	0,162	FALSE
-0,080	0,283	-0,001	0,010	0,026	FALSE
0,141	0,260	0,004	0,008	0,173	FALSE
-0,047	0,288	-0,003	0,017	0,075	FALSE
-0,025	0,280	-0,002	0,009	0,072	FALSE
0,069	0,288	0,003	0,011	0,090	FALSE
0,010	0,299	-0,002	0,018	0,047	FALSE
-0,037	0,282	0,001	0,017	0,014	FALSE
-0,048	0,293	-0,002	0,012	0,068	FALSE
0,069	0,276	0,002	0,009	0,090	FALSE
-0,093	0,275	-0,004	0,012	0,119	FALSE
-0,048	0,288	-0,001	0,011	0,025	FALSE
0,005	0,292	0,000	0,015	0,007	FALSE
-0,019	0,290	-0,002	0,017	0,043	FALSE
-0,134	0,276	-0,005	0,009	0,209	FALSE
-0,129	0,290	-0,004	0,010	0,171	FALSE
-0,235	0,287	-0,007	0,009	0,330	FALSE
0,190	0,269	0,006	0,011	0,245	FALSE
0,036	0,268	0,001	0,010	0,041	FALSE
0,237	0,266	0,009	0,012	0,343	FALSE
-0,111	0,279	-0,006	0,016	0,147	FALSE
-0,124	0,295	-0,004	0,015	0,117	FALSE
-0,067	0,271	-0,007	0,015	0,198	FALSE
0,050	0,277	0,001	0,016	0,013	FALSE
-0,134	0,284	-0,002	0,011	0,081	FALSE
0,092	0,288	0,002	0,009	0,062	FALSE
0,001	0,297	0,002	0,018	0,035	FALSE
0,050	0,270	0,002	0,009	0,084	FALSE
-0,059	0,273	-0,003	0,013	0,078	FALSE
-0,043	0,279	-0,002	0,014	0,054	FALSE
0,042	0,266	0,002	0,016	0,049	FALSE
0,063	0,274	0,002	0,009	0,084	FALSE
0,183	0,272	0,010	0,017	0,239	FALSE
-0,003	0,286	0,002	0,016	0,044	FALSE
0,118	0,269	0,005	0,014	0,133	FALSE
-0,066	0,279	-0,004	0,013	0,111	FALSE
-0,058	0,281	-0,003	0,009	0,111	FALSE
-0,037	0,270	-0,002	0,014	0,063	FALSE
-0,097	0,274	-0,007	0,014	0,204	FALSE
-0,030	0,297	-0,001	0,016	0,026	FALSE
0,150	0,272	0,004	0,009	0,197	FALSE
0,004	0,293	0,001	0,011	0,027	FALSE
0,214	0,267	0,011	0,015	0,319	FALSE
0,010	0,268	0,000	0,012	0,001	FALSE
-0,016	0,268	-0,001	0,009	0,042	FALSE
0,018	0,275	-0,002	0,016	0,052	FALSE
-0,105	0,280	-0,003	0,009	0,114	FALSE

-0,169	0,275	-0,006	0,014	0,185	FALSE
0,114	0,279	0,005	0,013	0,164	FALSE
0,091	0,287	0,005	0,013	0,142	FALSE
0,079	0,297	0,002	0,011	0,084	FALSE
0,084	0,278	0,005	0,016	0,126	FALSE
-0,170	0,288	-0,004	0,008	0,205	FALSE
-0,079	0,284	-0,001	0,015	0,033	FALSE
-0,118	0,281	-0,004	0,015	0,113	FALSE
-0,213	0,287	-0,008	0,010	0,374	FALSE
0,259	0,276	0,011	0,014	0,388	FALSE
-0,175	0,289	-0,005	0,011	0,180	FALSE
-0,010	0,289	0,000	0,010	0,014	FALSE
-0,049	0,291	-0,002	0,014	0,039	FALSE
0,035	0,306	0,002	0,011	0,063	FALSE
0,131	0,288	0,006	0,016	0,166	FALSE
-0,098	0,279	-0,002	0,010	0,061	FALSE
-0,052	0,280	-0,001	0,009	0,049	FALSE
0,274	0,274	0,013	0,016	0,380	FALSE
-0,031	0,279	-0,002	0,011	0,053	FALSE
-0,040	0,284	0,000	0,010	0,018	FALSE
-0,079	0,288	-0,006	0,013	0,185	FALSE
0,093	0,295	0,005	0,013	0,147	FALSE
-0,124	0,281	-0,007	0,014	0,191	FALSE
0,108	0,276	0,007	0,015	0,197	FALSE
-0,135	0,290	-0,005	0,011	0,185	FALSE
-0,063	0,270	-0,002	0,009	0,100	FALSE
0,024	0,267	0,004	0,016	0,085	FALSE
-0,060	0,282	-0,004	0,018	0,077	FALSE
-0,050	0,274	0,000	0,011	0,002	FALSE
-0,102	0,281	-0,005	0,013	0,162	FALSE
0,041	0,273	0,002	0,009	0,078	FALSE
-0,011	0,287	-0,001	0,009	0,031	FALSE
-0,114	0,286	-0,006	0,015	0,182	FALSE
-0,115	0,277	-0,005	0,012	0,177	FALSE
0,017	0,298	0,003	0,014	0,085	FALSE
-0,010	0,288	-0,002	0,014	0,053	FALSE
-0,105	0,270	-0,006	0,012	0,196	FALSE
-0,145	0,283	-0,011	0,018	0,286	FALSE
-0,123	0,282	-0,008	0,017	0,203	FALSE
-0,126	0,276	-0,005	0,010	0,210	FALSE
0,052	0,285	0,003	0,017	0,075	FALSE
0,104	0,290	0,002	0,009	0,097	FALSE
-0,033	0,264	-0,001	0,008	0,030	FALSE
0,098	0,281	0,004	0,009	0,158	FALSE
-0,021	0,284	-0,001	0,011	0,031	FALSE
0,002	0,294	0,000	0,011	0,013	FALSE
-0,122	0,290	-0,002	0,009	0,095	FALSE
-0,230	0,275	-0,007	0,009	0,354	FALSE
0,122	0,270	0,005	0,017	0,119	FALSE
0,178	0,269	0,006	0,012	0,228	FALSE
-0,133	0,267	-0,005	0,015	0,142	FALSE
-0,005	0,297	0,000	0,009	0,004	FALSE
-0,050	0,289	-0,001	0,008	0,056	FALSE

0,010	0,284	0,003	0,010	0,098	FALSE
0,181	0,265	0,006	0,011	0,222	FALSE
-0,029	0,288	0,000	0,009	0,011	FALSE
-0,140	0,284	-0,004	0,009	0,202	FALSE
0,154	0,296	0,003	0,009	0,141	FALSE
-0,004	0,276	0,000	0,009	0,003	FALSE
0,061	0,301	0,002	0,011	0,078	FALSE
0,045	0,271	0,001	0,009	0,049	FALSE
-0,110	0,294	-0,003	0,010	0,131	FALSE
-0,133	0,269	-0,008	0,016	0,216	FALSE
-0,075	0,291	-0,001	0,014	0,031	FALSE
-0,085	0,288	-0,002	0,014	0,047	FALSE
-0,091	0,297	-0,005	0,018	0,113	FALSE
-0,183	0,278	-0,009	0,016	0,242	FALSE
0,260	0,253	0,011	0,017	0,292	FALSE
0,113	0,283	0,005	0,014	0,128	FALSE
0,104	0,281	0,005	0,015	0,125	FALSE
-0,068	0,284	-0,001	0,009	0,058	FALSE
0,059	0,288	0,002	0,014	0,057	FALSE
0,167	0,276	0,007	0,012	0,260	FALSE
-0,047	0,285	-0,001	0,015	0,035	FALSE
0,224	0,268	0,008	0,011	0,370	FALSE
0,033	0,278	0,003	0,016	0,064	FALSE
0,086	0,287	0,003	0,009	0,109	FALSE
-0,004	0,290	0,000	0,017	0,006	FALSE
-0,068	0,292	-0,004	0,011	0,157	FALSE
0,010	0,281	-0,001	0,011	0,025	FALSE
-0,139	0,274	-0,004	0,010	0,166	FALSE
-0,247	0,265	-0,008	0,010	0,352	FALSE
0,195	0,271	0,009	0,015	0,261	FALSE
-0,109	0,286	-0,003	0,009	0,124	FALSE
-0,006	0,279	0,001	0,009	0,050	FALSE
-0,003	0,276	-0,001	0,013	0,032	FALSE
-0,189	0,273	-0,007	0,011	0,256	FALSE
0,101	0,279	0,002	0,011	0,080	FALSE
0,087	0,277	0,003	0,008	0,126	FALSE
-0,102	0,287	-0,003	0,010	0,121	FALSE
0,002	0,281	-0,002	0,013	0,048	FALSE
-0,137	0,279	-0,004	0,012	0,152	FALSE
-0,034	0,291	-0,003	0,017	0,074	FALSE
-0,097	0,281	-0,006	0,017	0,137	FALSE
-0,187	0,290	-0,009	0,014	0,260	FALSE
0,033	0,283	0,000	0,016	0,003	FALSE
-0,150	0,295	-0,004	0,011	0,162	FALSE
-0,148	0,250	-0,004	0,013	0,138	FALSE
0,158	0,275	0,008	0,017	0,210	FALSE
-0,099	0,286	-0,002	0,009	0,079	FALSE
0,092	0,269	0,006	0,014	0,172	FALSE
-0,150	0,285	-0,008	0,017	0,213	FALSE
-0,044	0,281	-0,003	0,012	0,090	FALSE
0,113	0,279	0,004	0,013	0,125	FALSE
0,212	0,259	0,009	0,012	0,353	FALSE
0,028	0,292	0,000	0,012	0,006	FALSE

0,210	0,270	0,013	0,017	0,349	FALSE
0,180	0,273	0,008	0,015	0,209	FALSE
0,140	0,265	0,006	0,015	0,162	FALSE
0,096	0,283	0,001	0,010	0,026	FALSE
0,321	0,260	0,013	0,013	0,494	FALSE
-0,133	0,280	-0,005	0,015	0,126	FALSE
-0,081	0,289	-0,004	0,018	0,093	FALSE
0,054	0,274	0,000	0,010	0,012	FALSE
-0,205	0,263	-0,012	0,016	0,325	FALSE
0,102	0,283	0,003	0,008	0,141	FALSE
-0,299	0,263	-0,016	0,016	0,524	FALSE
-0,060	0,275	-0,005	0,018	0,111	FALSE
0,006	0,286	0,000	0,017	0,000	FALSE
-0,023	0,283	0,001	0,012	0,028	FALSE
0,149	0,288	0,004	0,009	0,195	FALSE
0,061	0,274	0,002	0,016	0,051	FALSE
0,134	0,269	0,004	0,013	0,118	FALSE
0,044	0,290	0,002	0,014	0,065	FALSE
-0,131	0,277	-0,004	0,011	0,140	FALSE
-0,202	0,275	-0,006	0,011	0,228	FALSE
0,085	0,277	0,003	0,015	0,082	FALSE
0,058	0,281	0,001	0,010	0,026	FALSE
0,008	0,287	-0,001	0,010	0,018	FALSE
-0,099	0,280	-0,006	0,014	0,167	FALSE
-0,036	0,291	-0,002	0,009	0,067	FALSE
0,015	0,287	0,000	0,009	0,012	FALSE
-0,014	0,280	-0,001	0,017	0,025	FALSE
0,042	0,292	0,000	0,011	0,005	FALSE
-0,010	0,282	-0,001	0,010	0,040	FALSE
-0,113	0,273	-0,004	0,009	0,182	FALSE
-0,095	0,263	-0,005	0,012	0,151	FALSE
0,050	0,289	0,002	0,011	0,068	FALSE
0,189	0,280	0,013	0,017	0,344	FALSE
-0,105	0,279	-0,005	0,009	0,207	FALSE
0,124	0,290	0,009	0,014	0,287	FALSE
-0,144	0,285	-0,007	0,012	0,249	FALSE
-0,004	0,280	0,001	0,015	0,013	FALSE
-0,235	0,274	-0,010	0,012	0,357	FALSE
0,096	0,266	0,000	0,011	0,012	FALSE
0,002	0,295	0,001	0,010	0,041	FALSE
0,060	0,272	0,002	0,009	0,065	FALSE
-0,157	0,266	-0,010	0,016	0,256	FALSE
0,156	0,279	0,009	0,015	0,260	FALSE
0,172	0,275	0,011	0,016	0,294	FALSE
-0,050	0,287	-0,002	0,009	0,088	FALSE
0,054	0,265	0,003	0,015	0,071	FALSE
0,033	0,279	0,003	0,014	0,069	FALSE
-0,279	0,272	-0,011	0,012	0,448	FALSE
0,145	0,267	0,005	0,014	0,124	FALSE
0,139	0,268	0,005	0,014	0,130	FALSE
0,106	0,275	0,008	0,017	0,209	FALSE
0,107	0,292	0,005	0,009	0,227	FALSE
0,103	0,280	0,005	0,015	0,130	FALSE

-0,162	0,272	-0,006	0,013	0,190	FALSE
0,062	0,299	0,004	0,012	0,122	FALSE
0,057	0,288	0,003	0,012	0,109	FALSE
0,051	0,296	0,003	0,011	0,098	FALSE
-0,211	0,265	-0,012	0,015	0,361	FALSE
0,030	0,282	0,002	0,009	0,069	FALSE
0,066	0,287	0,003	0,011	0,102	FALSE
0,107	0,265	0,007	0,017	0,171	FALSE
0,042	0,280	0,000	0,008	0,009	FALSE
0,060	0,288	0,003	0,010	0,093	FALSE
-0,033	0,293	0,000	0,010	0,010	FALSE
0,038	0,289	0,001	0,010	0,046	FALSE
-0,090	0,285	-0,004	0,014	0,118	FALSE
0,042	0,285	0,003	0,013	0,096	FALSE
-0,056	0,271	-0,002	0,012	0,066	FALSE
0,026	0,288	0,001	0,012	0,040	FALSE
-0,068	0,293	-0,003	0,013	0,096	FALSE
-0,169	0,279	-0,012	0,016	0,343	FALSE
-0,159	0,285	-0,006	0,015	0,150	FALSE
0,131	0,283	0,005	0,009	0,222	FALSE
0,010	0,295	0,000	0,010	0,014	FALSE
0,015	0,288	0,000	0,013	0,011	FALSE
-0,061	0,286	-0,004	0,012	0,127	FALSE
0,182	0,282	0,010	0,018	0,244	FALSE
0,095	0,293	0,005	0,017	0,112	FALSE
0,106	0,304	0,005	0,014	0,138	FALSE
-0,116	0,289	-0,005	0,017	0,111	FALSE
-0,134	0,284	-0,006	0,017	0,128	FALSE
-0,018	0,289	0,000	0,011	0,010	FALSE
-0,157	0,284	-0,008	0,017	0,183	FALSE
0,011	0,294	0,001	0,010	0,020	FALSE
-0,162	0,282	-0,008	0,017	0,201	FALSE
-0,161	0,275	-0,008	0,017	0,192	FALSE
-0,195	0,273	-0,010	0,017	0,262	FALSE
-0,195	0,283	-0,010	0,018	0,236	FALSE
-0,033	0,280	-0,001	0,010	0,048	FALSE
0,243	0,281	0,013	0,017	0,331	FALSE
-0,165	0,274	-0,009	0,017	0,217	FALSE
-0,066	0,274	-0,003	0,010	0,095	FALSE
0,168	0,269	0,006	0,012	0,199	FALSE
0,183	0,273	0,006	0,013	0,207	FALSE
0,098	0,290	0,003	0,011	0,107	FALSE
0,164	0,268	0,005	0,009	0,219	FALSE
-0,071	0,293	-0,004	0,016	0,091	FALSE
-0,017	0,287	-0,002	0,012	0,071	FALSE
-0,056	0,282	-0,004	0,011	0,144	FALSE
-0,044	0,284	-0,003	0,011	0,122	FALSE
0,088	0,285	0,003	0,018	0,068	FALSE
-0,027	0,280	-0,002	0,009	0,066	FALSE
0,120	0,279	0,004	0,008	0,169	FALSE
0,200	0,275	0,009	0,014	0,277	FALSE
0,115	0,278	0,005	0,013	0,141	FALSE
0,125	0,268	0,006	0,013	0,182	FALSE

0,127	0,275	0,005	0,013	0,172	FALSE
0,036	0,273	0,003	0,008	0,126	FALSE
0,003	0,293	-0,001	0,009	0,035	FALSE
0,015	0,291	0,000	0,011	0,014	FALSE
0,115	0,277	0,005	0,016	0,117	FALSE
0,108	0,292	0,005	0,016	0,121	FALSE
-0,058	0,283	-0,002	0,012	0,072	FALSE
0,080	0,278	0,002	0,016	0,047	FALSE
-0,143	0,284	-0,004	0,008	0,220	FALSE
0,123	0,281	0,005	0,012	0,173	FALSE
0,045	0,275	0,000	0,013	0,009	FALSE
0,172	0,268	0,006	0,015	0,160	FALSE
0,150	0,279	0,006	0,010	0,251	FALSE
0,065	0,283	0,001	0,012	0,039	FALSE
0,125	0,276	0,004	0,012	0,120	FALSE
0,112	0,285	0,003	0,013	0,099	FALSE
0,140	0,266	0,011	0,017	0,282	FALSE
-0,037	0,284	-0,005	0,016	0,117	FALSE
0,104	0,289	0,005	0,018	0,112	FALSE
-0,130	0,282	-0,006	0,011	0,242	FALSE
-0,187	0,286	-0,010	0,014	0,316	FALSE
0,204	0,280	0,011	0,016	0,317	FALSE
0,116	0,279	0,006	0,017	0,152	FALSE
0,108	0,275	0,005	0,014	0,155	FALSE
0,093	0,285	0,003	0,016	0,070	FALSE
0,089	0,269	0,003	0,016	0,067	FALSE
0,131	0,263	0,004	0,011	0,139	FALSE
0,034	0,298	0,001	0,012	0,022	FALSE
0,101	0,280	0,002	0,010	0,082	FALSE
0,023	0,276	0,001	0,015	0,033	FALSE
-0,127	0,264	-0,004	0,010	0,147	FALSE
0,080	0,281	0,002	0,014	0,054	FALSE
0,121	0,279	0,005	0,018	0,120	FALSE
0,171	0,267	0,007	0,017	0,157	FALSE
-0,152	0,286	-0,009	0,017	0,214	FALSE
0,186	0,269	0,007	0,017	0,185	FALSE
0,077	0,278	0,003	0,011	0,091	FALSE
0,155	0,286	0,003	0,009	0,139	FALSE
-0,094	0,289	-0,006	0,015	0,163	FALSE
0,180	0,276	0,009	0,017	0,219	FALSE
-0,119	0,274	-0,008	0,016	0,193	FALSE
0,023	0,278	0,001	0,010	0,020	FALSE
-0,146	0,280	-0,006	0,014	0,179	FALSE
-0,082	0,273	-0,006	0,015	0,147	FALSE
0,008	0,282	0,000	0,012	0,004	FALSE
0,202	0,279	0,007	0,009	0,355	FALSE
-0,039	0,292	0,000	0,014	0,007	FALSE
0,072	0,278	0,003	0,014	0,083	FALSE
0,092	0,274	0,002	0,009	0,068	FALSE
-0,070	0,285	0,000	0,016	0,004	FALSE
-0,111	0,272	-0,004	0,013	0,135	FALSE
0,067	0,282	0,006	0,014	0,179	FALSE
0,063	0,269	0,001	0,011	0,049	FALSE

0,033	0,279	0,000	0,012	0,009	FALSE
-0,095	0,291	-0,003	0,011	0,087	FALSE
-0,096	0,294	-0,002	0,011	0,079	FALSE
-0,101	0,286	-0,003	0,011	0,101	FALSE
-0,030	0,304	0,000	0,012	0,011	FALSE
-0,145	0,287	-0,006	0,013	0,199	FALSE
-0,155	0,278	-0,003	0,009	0,131	FALSE
-0,006	0,292	0,000	0,010	0,012	FALSE
-0,002	0,276	-0,001	0,014	0,017	FALSE
0,010	0,286	0,000	0,015	0,009	FALSE
0,040	0,283	0,002	0,015	0,057	FALSE
0,016	0,277	-0,001	0,015	0,024	FALSE
0,185	0,268	0,006	0,009	0,276	FALSE
0,056	0,277	0,002	0,015	0,043	FALSE
0,078	0,292	0,006	0,017	0,135	FALSE
0,209	0,269	0,008	0,013	0,260	FALSE
0,177	0,279	0,006	0,010	0,248	FALSE
-0,073	0,282	-0,001	0,009	0,063	FALSE
0,016	0,284	-0,001	0,014	0,015	FALSE
0,147	0,289	0,006	0,011	0,242	FALSE
-0,065	0,286	-0,002	0,010	0,074	FALSE
0,108	0,280	0,004	0,011	0,120	FALSE
-0,081	0,289	-0,004	0,013	0,108	FALSE
-0,192	0,271	-0,006	0,011	0,231	FALSE
-0,049	0,289	-0,001	0,014	0,034	FALSE
-0,112	0,283	-0,005	0,015	0,125	FALSE
-0,103	0,275	-0,004	0,014	0,095	FALSE
-0,074	0,280	-0,004	0,015	0,097	FALSE
-0,104	0,292	-0,006	0,015	0,159	FALSE
-0,006	0,286	0,000	0,009	0,014	FALSE
-0,117	0,282	-0,003	0,014	0,089	FALSE
0,116	0,286	0,002	0,011	0,056	FALSE
0,039	0,292	0,002	0,015	0,053	FALSE
0,104	0,285	0,007	0,016	0,186	FALSE
0,058	0,279	0,005	0,016	0,136	FALSE
-0,008	0,285	0,001	0,017	0,010	FALSE
0,093	0,277	0,003	0,012	0,113	FALSE
0,108	0,276	0,004	0,012	0,137	FALSE
0,056	0,287	0,002	0,013	0,056	FALSE
0,088	0,280	0,003	0,012	0,113	FALSE
-0,229	0,273	-0,009	0,013	0,289	FALSE
0,050	0,285	0,001	0,009	0,049	FALSE
0,058	0,277	0,002	0,010	0,055	FALSE
-0,117	0,282	-0,004	0,013	0,131	FALSE
-0,111	0,287	-0,007	0,016	0,184	FALSE
0,148	0,285	0,008	0,016	0,219	FALSE
-0,099	0,295	-0,005	0,012	0,148	FALSE
-0,091	0,286	-0,004	0,017	0,085	FALSE
0,094	0,283	0,006	0,017	0,129	FALSE
-0,119	0,268	-0,006	0,011	0,237	FALSE
-0,068	0,276	-0,001	0,011	0,040	FALSE
-0,074	0,282	-0,001	0,009	0,049	FALSE
0,004	0,283	-0,003	0,018	0,071	FALSE

-0,021	0,290	0,001	0,017	0,023	FALSE
0,045	0,279	0,006	0,016	0,144	FALSE
0,038	0,280	0,006	0,016	0,149	FALSE
-0,093	0,288	-0,007	0,017	0,155	FALSE
0,092	0,284	0,005	0,016	0,124	FALSE
0,138	0,274	0,005	0,010	0,189	FALSE
-0,063	0,297	-0,003	0,017	0,059	FALSE
-0,044	0,282	-0,002	0,010	0,076	FALSE
0,035	0,280	0,003	0,017	0,062	FALSE
0,055	0,287	0,004	0,018	0,095	FALSE
0,005	0,286	0,000	0,017	0,008	FALSE
0,027	0,276	0,002	0,013	0,055	FALSE
0,003	0,273	-0,004	0,016	0,088	FALSE
0,189	0,282	0,011	0,017	0,280	FALSE
0,022	0,279	0,002	0,015	0,046	FALSE
-0,055	0,286	-0,005	0,017	0,120	FALSE
0,081	0,272	0,007	0,017	0,159	FALSE
0,062	0,278	0,003	0,014	0,084	FALSE
0,047	0,281	0,003	0,013	0,099	FALSE
0,227	0,283	0,010	0,013	0,376	FALSE
-0,180	0,282	-0,011	0,017	0,279	FALSE
0,235	0,268	0,013	0,017	0,358	FALSE
0,101	0,285	0,003	0,010	0,132	FALSE
0,069	0,272	0,004	0,009	0,214	FALSE
0,033	0,301	0,002	0,016	0,048	FALSE
0,045	0,288	0,003	0,015	0,070	FALSE
0,003	0,289	0,000	0,009	0,014	FALSE
0,070	0,283	0,004	0,009	0,183	FALSE
-0,097	0,288	-0,002	0,011	0,075	FALSE
0,051	0,292	0,001	0,011	0,028	FALSE
0,046	0,286	0,001	0,010	0,018	FALSE
0,028	0,302	0,001	0,012	0,020	FALSE
0,031	0,292	0,002	0,013	0,061	FALSE
0,149	0,280	0,006	0,017	0,155	FALSE
0,107	0,286	0,005	0,017	0,119	FALSE
-0,034	0,275	-0,003	0,013	0,097	FALSE
-0,052	0,279	-0,004	0,013	0,117	FALSE
-0,117	0,272	-0,004	0,010	0,171	FALSE
-0,034	0,281	-0,003	0,012	0,112	FALSE
-0,068	0,287	-0,003	0,017	0,064	FALSE
-0,130	0,278	-0,005	0,017	0,126	FALSE
-0,109	0,277	-0,005	0,017	0,113	FALSE
-0,121	0,297	-0,005	0,018	0,113	FALSE
-0,192	0,286	-0,010	0,018	0,243	FALSE
-0,129	0,272	-0,006	0,017	0,154	FALSE
-0,005	0,295	0,000	0,017	0,006	FALSE
-0,171	0,281	-0,008	0,017	0,203	FALSE
-0,212	0,282	-0,012	0,018	0,295	FALSE
-0,186	0,288	-0,010	0,018	0,240	FALSE
0,031	0,294	0,003	0,011	0,096	FALSE
-0,084	0,281	-0,003	0,011	0,090	FALSE
-0,015	0,289	-0,001	0,009	0,045	FALSE
-0,132	0,269	-0,005	0,012	0,159	FALSE

-0,028	0,288	-0,002	0,017	0,048	FALSE
-0,002	0,299	-0,002	0,017	0,050	FALSE
-0,020	0,285	-0,001	0,017	0,018	FALSE
-0,002	0,297	-0,002	0,017	0,043	FALSE
-0,123	0,274	-0,005	0,012	0,150	FALSE
0,022	0,278	0,001	0,012	0,015	FALSE
0,135	0,282	0,004	0,013	0,130	FALSE
0,002	0,289	0,000	0,010	0,005	FALSE
-0,163	0,271	-0,008	0,016	0,207	FALSE
0,163	0,294	0,004	0,009	0,162	FALSE
0,005	0,284	-0,002	0,016	0,034	FALSE
0,148	0,276	0,004	0,011	0,162	FALSE
-0,020	0,281	0,002	0,014	0,043	FALSE
-0,050	0,292	-0,001	0,009	0,031	FALSE
0,033	0,293	0,002	0,014	0,057	FALSE
-0,100	0,282	-0,003	0,010	0,114	FALSE
0,000	0,271	0,001	0,017	0,027	FALSE
-0,027	0,287	-0,001	0,011	0,048	FALSE
0,026	0,285	0,000	0,013	0,007	FALSE
0,027	0,278	0,000	0,013	0,012	FALSE
0,059	0,299	0,002	0,010	0,076	FALSE
0,008	0,287	-0,001	0,013	0,022	FALSE
0,086	0,291	0,005	0,013	0,154	FALSE
-0,073	0,291	-0,003	0,010	0,134	FALSE
0,134	0,278	0,005	0,014	0,129	FALSE
-0,005	0,277	0,001	0,008	0,047	FALSE
0,086	0,289	0,000	0,017	0,005	FALSE
0,196	0,282	0,008	0,016	0,213	FALSE
0,207	0,265	0,010	0,016	0,258	FALSE
0,102	0,273	0,004	0,015	0,091	FALSE
-0,216	0,272	-0,011	0,017	0,293	FALSE
-0,165	0,282	-0,008	0,017	0,203	FALSE
-0,174	0,294	-0,010	0,017	0,260	FALSE
0,074	0,288	0,003	0,009	0,113	FALSE
0,192	0,271	0,007	0,012	0,241	FALSE
0,078	0,266	0,002	0,015	0,039	FALSE
0,015	0,285	-0,003	0,017	0,059	FALSE
0,166	0,267	0,006	0,013	0,185	FALSE
0,274	0,270	0,012	0,013	0,452	FALSE
-0,062	0,287	-0,005	0,016	0,120	FALSE
-0,106	0,285	-0,006	0,015	0,160	FALSE
-0,106	0,290	-0,006	0,015	0,160	FALSE
-0,058	0,293	-0,004	0,016	0,101	FALSE
0,022	0,292	0,003	0,013	0,075	FALSE
0,219	0,270	0,005	0,009	0,261	FALSE
0,000	0,285	-0,001	0,015	0,018	FALSE
-0,066	0,278	-0,002	0,009	0,092	FALSE
-0,053	0,280	-0,001	0,010	0,041	FALSE
0,095	0,282	0,007	0,017	0,182	FALSE
-0,055	0,296	0,000	0,009	0,009	FALSE
-0,143	0,299	-0,007	0,018	0,148	FALSE
0,169	0,277	0,007	0,011	0,289	FALSE
-0,114	0,282	-0,005	0,017	0,120	FALSE

0,162	0,281	0,006	0,009	0,297	FALSE
-0,075	0,267	-0,004	0,011	0,120	FALSE
0,116	0,270	0,006	0,016	0,146	FALSE
0,084	0,271	0,004	0,015	0,115	FALSE
0,204	0,272	0,011	0,015	0,354	FALSE
0,107	0,275	0,007	0,016	0,174	FALSE
0,053	0,294	0,001	0,010	0,052	FALSE
0,078	0,276	0,004	0,017	0,097	FALSE
-0,025	0,299	0,000	0,009	0,012	FALSE
0,085	0,276	0,005	0,016	0,119	FALSE
-0,020	0,286	0,000	0,009	0,000	FALSE
-0,030	0,286	0,000	0,008	0,005	FALSE
-0,036	0,284	0,000	0,009	0,015	FALSE
-0,047	0,288	0,000	0,008	0,014	FALSE
-0,004	0,271	0,002	0,013	0,042	FALSE
0,011	0,273	0,002	0,013	0,066	FALSE
0,010	0,264	0,002	0,012	0,072	FALSE
-0,035	0,297	0,000	0,009	0,012	FALSE
0,044	0,289	0,001	0,016	0,018	FALSE
0,072	0,281	0,001	0,011	0,049	FALSE
0,210	0,279	0,008	0,016	0,214	FALSE
0,064	0,280	0,002	0,009	0,102	FALSE
0,052	0,275	0,001	0,016	0,025	FALSE
-0,086	0,293	-0,007	0,018	0,153	FALSE
0,225	0,272	0,011	0,015	0,334	FALSE
-0,065	0,282	-0,005	0,014	0,135	FALSE
-0,211	0,278	-0,007	0,009	0,363	FALSE
-0,023	0,280	-0,001	0,010	0,026	FALSE
-0,129	0,288	-0,005	0,011	0,180	FALSE
0,050	0,306	0,003	0,014	0,071	FALSE
-0,050	0,272	-0,005	0,017	0,104	FALSE
0,049	0,285	-0,001	0,018	0,014	FALSE
0,016	0,281	0,000	0,009	0,011	FALSE
-0,061	0,289	-0,002	0,012	0,059	FALSE
-0,052	0,290	-0,002	0,010	0,067	FALSE
0,059	0,285	0,008	0,017	0,178	FALSE
-0,143	0,281	-0,006	0,011	0,202	FALSE
-0,047	0,285	-0,001	0,009	0,028	FALSE
-0,134	0,283	-0,004	0,011	0,152	FALSE
-0,140	0,283	-0,005	0,011	0,210	FALSE
0,142	0,272	0,007	0,014	0,210	FALSE
0,071	0,292	0,003	0,015	0,063	FALSE
-0,061	0,287	-0,003	0,014	0,076	FALSE
0,005	0,281	0,001	0,017	0,011	FALSE
-0,054	0,279	-0,003	0,017	0,067	FALSE
-0,036	0,286	-0,001	0,009	0,028	FALSE
-0,036	0,271	-0,003	0,009	0,112	FALSE
-0,030	0,284	-0,005	0,017	0,106	FALSE
0,021	0,299	0,001	0,012	0,036	FALSE
0,103	0,268	0,003	0,013	0,071	FALSE
0,106	0,273	0,001	0,013	0,028	FALSE
0,061	0,273	-0,001	0,010	0,039	FALSE
0,129	0,281	0,002	0,011	0,082	FALSE

-0,035	0,271	-0,003	0,008	0,136	FALSE
0,003	0,284	0,003	0,015	0,070	FALSE
0,016	0,282	0,004	0,016	0,097	FALSE
-0,128	0,291	-0,006	0,011	0,213	FALSE
-0,104	0,294	-0,003	0,010	0,115	FALSE
0,219	0,259	0,014	0,017	0,388	FALSE
-0,024	0,291	0,000	0,011	0,006	FALSE
-0,232	0,276	-0,014	0,017	0,386	TRUE
-0,102	0,294	-0,003	0,011	0,114	FALSE
-0,333	0,272	-0,014	0,013	0,539	FALSE
0,134	0,277	0,006	0,013	0,192	FALSE
0,152	0,284	0,007	0,013	0,237	FALSE
0,038	0,293	0,001	0,012	0,039	FALSE
0,083	0,273	0,002	0,011	0,082	FALSE
-0,032	0,281	-0,001	0,009	0,043	FALSE
-0,028	0,288	-0,002	0,013	0,073	FALSE
-0,001	0,287	0,002	0,017	0,046	FALSE
0,080	0,280	0,004	0,018	0,085	FALSE
-0,209	0,276	-0,012	0,017	0,316	FALSE
-0,211	0,281	-0,012	0,018	0,293	FALSE
-0,221	0,268	-0,013	0,017	0,346	FALSE
-0,215	0,274	-0,012	0,017	0,331	FALSE
0,148	0,286	0,005	0,014	0,140	FALSE
-0,043	0,297	-0,004	0,016	0,093	FALSE
0,268	0,255	0,010	0,011	0,401	FALSE
0,040	0,289	0,003	0,013	0,076	FALSE
-0,030	0,279	-0,002	0,015	0,046	FALSE
-0,124	0,286	-0,007	0,016	0,173	FALSE
-0,001	0,271	-0,001	0,016	0,031	FALSE
0,109	0,270	0,003	0,015	0,069	FALSE
-0,095	0,278	-0,001	0,014	0,037	FALSE
0,194	0,276	0,007	0,012	0,243	FALSE
-0,131	0,288	-0,004	0,010	0,163	FALSE
-0,025	0,276	-0,002	0,013	0,045	FALSE
0,040	0,282	0,002	0,018	0,042	FALSE
-0,059	0,283	-0,002	0,014	0,057	FALSE
-0,021	0,276	0,000	0,013	0,008	FALSE
-0,106	0,283	-0,003	0,010	0,109	FALSE
-0,072	0,272	-0,001	0,013	0,031	FALSE
-0,201	0,281	-0,008	0,015	0,227	FALSE
-0,020	0,280	-0,002	0,017	0,033	FALSE
-0,071	0,281	-0,002	0,009	0,069	FALSE
-0,059	0,287	-0,003	0,017	0,055	FALSE
-0,154	0,280	-0,008	0,018	0,192	FALSE
-0,136	0,276	-0,006	0,017	0,140	FALSE
-0,052	0,271	-0,002	0,008	0,081	FALSE
-0,129	0,281	-0,003	0,010	0,106	FALSE
0,072	0,283	0,004	0,010	0,152	FALSE
0,045	0,279	0,003	0,009	0,109	FALSE
0,069	0,290	0,003	0,009	0,128	FALSE
0,073	0,290	0,003	0,009	0,142	FALSE
-0,132	0,280	-0,004	0,009	0,213	FALSE
-0,067	0,296	-0,002	0,011	0,071	FALSE

0,187	0,271	0,010	0,017	0,238	FALSE
0,017	0,294	0,001	0,016	0,018	FALSE
0,061	0,276	0,004	0,011	0,159	FALSE
-0,004	0,278	0,000	0,010	0,004	FALSE
-0,071	0,290	-0,002	0,010	0,062	FALSE
-0,094	0,291	-0,003	0,010	0,099	FALSE
-0,088	0,289	-0,006	0,016	0,138	FALSE
0,098	0,281	0,004	0,013	0,135	FALSE
-0,168	0,272	-0,006	0,013	0,181	FALSE
0,094	0,284	0,003	0,012	0,081	FALSE
0,147	0,296	0,008	0,018	0,189	FALSE
-0,070	0,294	-0,003	0,014	0,091	FALSE
-0,014	0,293	-0,004	0,018	0,075	FALSE
-0,012	0,294	-0,003	0,018	0,069	FALSE
-0,079	0,297	-0,002	0,010	0,074	FALSE
0,113	0,275	0,002	0,008	0,081	FALSE
-0,018	0,287	-0,001	0,009	0,021	FALSE
-0,058	0,280	-0,003	0,016	0,070	FALSE
-0,072	0,284	-0,003	0,009	0,145	FALSE
-0,075	0,280	-0,002	0,010	0,086	FALSE
0,178	0,273	0,009	0,014	0,299	FALSE
-0,111	0,278	-0,004	0,013	0,104	FALSE
-0,146	0,265	-0,006	0,017	0,142	FALSE
-0,137	0,283	-0,005	0,011	0,162	FALSE
-0,166	0,288	-0,006	0,012	0,215	FALSE
-0,020	0,291	0,000	0,017	0,009	FALSE
-0,144	0,275	-0,008	0,015	0,239	FALSE
-0,078	0,293	-0,003	0,010	0,114	FALSE
0,004	0,288	0,001	0,011	0,019	FALSE
-0,224	0,281	-0,008	0,011	0,339	FALSE
-0,151	0,302	-0,005	0,011	0,175	FALSE
-0,168	0,280	-0,005	0,011	0,203	FALSE
-0,173	0,278	-0,013	0,016	0,376	FALSE
0,058	0,284	0,005	0,013	0,173	FALSE
-0,064	0,286	-0,002	0,013	0,074	FALSE
-0,055	0,277	0,001	0,016	0,025	FALSE
-0,128	0,267	-0,004	0,010	0,157	FALSE
-0,161	0,291	-0,006	0,015	0,162	FALSE
0,281	0,250	0,011	0,011	0,492	FALSE
-0,075	0,273	-0,005	0,016	0,137	FALSE
-0,094	0,271	-0,005	0,016	0,119	FALSE
0,099	0,293	0,006	0,011	0,219	FALSE
0,078	0,291	0,005	0,011	0,199	FALSE
0,016	0,290	0,003	0,012	0,105	FALSE
0,098	0,304	0,006	0,011	0,203	FALSE
0,034	0,290	0,001	0,017	0,018	FALSE
-0,104	0,300	-0,002	0,010	0,075	FALSE
0,087	0,281	0,004	0,012	0,147	FALSE
0,140	0,282	0,006	0,012	0,205	FALSE
-0,116	0,279	-0,006	0,012	0,210	FALSE
0,031	0,288	0,002	0,011	0,088	FALSE
-0,123	0,295	-0,005	0,014	0,151	FALSE
-0,151	0,288	-0,007	0,014	0,219	FALSE

-0,088	0,291	-0,003	0,016	0,066	FALSE
-0,154	0,270	-0,007	0,014	0,236	FALSE
-0,197	0,271	-0,005	0,010	0,239	FALSE
-0,025	0,268	0,001	0,013	0,023	FALSE
0,108	0,293	0,002	0,012	0,050	FALSE
-0,138	0,283	-0,004	0,013	0,105	FALSE
-0,089	0,275	-0,002	0,010	0,079	FALSE
0,012	0,288	-0,001	0,015	0,019	FALSE
0,052	0,295	0,000	0,015	0,012	FALSE
0,086	0,264	0,003	0,009	0,117	FALSE
0,046	0,279	0,001	0,017	0,014	FALSE
0,029	0,280	0,002	0,013	0,043	FALSE
-0,031	0,280	0,000	0,010	0,005	FALSE
-0,011	0,284	0,001	0,010	0,039	FALSE
-0,059	0,276	-0,002	0,016	0,053	FALSE
-0,052	0,284	-0,002	0,010	0,082	FALSE
-0,018	0,278	-0,001	0,013	0,035	FALSE
0,014	0,276	0,000	0,012	0,002	FALSE
0,056	0,285	0,002	0,012	0,076	FALSE
0,041	0,297	0,002	0,010	0,060	FALSE
0,104	0,276	0,007	0,015	0,204	FALSE
0,056	0,267	0,004	0,015	0,118	FALSE
-0,046	0,289	-0,002	0,010	0,060	FALSE
-0,029	0,301	-0,002	0,015	0,045	FALSE
0,060	0,286	0,003	0,014	0,094	FALSE
-0,105	0,283	-0,005	0,014	0,141	FALSE
0,033	0,299	0,000	0,009	0,013	FALSE
-0,020	0,285	-0,001	0,014	0,029	FALSE
0,045	0,290	-0,001	0,012	0,022	FALSE
-0,085	0,279	-0,002	0,009	0,073	FALSE
0,031	0,292	0,001	0,012	0,040	FALSE
0,094	0,270	0,002	0,012	0,067	FALSE
-0,055	0,279	-0,004	0,013	0,132	FALSE
-0,143	0,275	-0,006	0,011	0,212	FALSE
-0,019	0,280	0,000	0,008	0,003	FALSE
-0,005	0,288	0,001	0,013	0,036	FALSE
-0,035	0,285	-0,001	0,009	0,039	FALSE
0,114	0,270	0,005	0,012	0,182	FALSE
0,009	0,267	0,001	0,010	0,020	FALSE
0,142	0,285	0,008	0,016	0,207	FALSE
0,077	0,288	0,004	0,017	0,085	FALSE
0,024	0,288	0,001	0,013	0,036	FALSE
-0,129	0,283	-0,005	0,012	0,197	FALSE
0,036	0,286	0,002	0,014	0,041	FALSE
-0,089	0,279	-0,004	0,012	0,139	FALSE
-0,176	0,274	-0,007	0,012	0,249	FALSE
0,220	0,276	0,008	0,010	0,339	FALSE
0,201	0,280	0,008	0,011	0,303	FALSE
-0,001	0,300	0,000	0,011	0,007	FALSE
0,046	0,277	0,001	0,012	0,040	FALSE
0,057	0,286	0,001	0,009	0,029	FALSE
-0,117	0,288	-0,006	0,015	0,165	FALSE
0,001	0,289	-0,003	0,017	0,054	FALSE

-0,070	0,274	-0,001	0,010	0,055	FALSE
0,040	0,283	0,002	0,017	0,050	FALSE
0,111	0,280	0,004	0,010	0,150	FALSE
0,041	0,280	0,002	0,017	0,040	FALSE
0,155	0,289	0,005	0,012	0,188	FALSE
0,033	0,303	-0,001	0,013	0,027	FALSE
0,026	0,289	0,001	0,012	0,016	FALSE
0,054	0,278	0,002	0,010	0,061	FALSE
0,205	0,280	0,010	0,013	0,337	FALSE
-0,096	0,273	-0,002	0,009	0,064	FALSE
0,148	0,286	0,008	0,017	0,210	FALSE
-0,041	0,297	-0,002	0,010	0,069	FALSE
-0,024	0,280	-0,002	0,010	0,055	FALSE
-0,062	0,283	-0,002	0,015	0,045	FALSE
0,084	0,270	0,007	0,014	0,216	FALSE
0,131	0,286	0,008	0,017	0,185	FALSE
0,012	0,287	0,001	0,016	0,013	FALSE
-0,137	0,281	-0,008	0,017	0,189	FALSE
0,038	0,293	0,003	0,014	0,087	FALSE
0,094	0,284	0,002	0,009	0,091	FALSE
0,095	0,283	0,002	0,008	0,069	FALSE
0,069	0,294	0,001	0,009	0,043	FALSE
0,082	0,281	0,002	0,009	0,080	FALSE
-0,097	0,272	-0,001	0,012	0,031	FALSE
-0,136	0,287	-0,003	0,009	0,142	FALSE
-0,049	0,269	-0,003	0,011	0,121	FALSE
-0,125	0,267	-0,006	0,014	0,171	FALSE
0,018	0,292	0,000	0,018	0,001	FALSE
-0,150	0,279	-0,008	0,014	0,221	FALSE
0,032	0,282	0,003	0,009	0,109	FALSE
-0,152	0,289	-0,007	0,013	0,240	FALSE
-0,170	0,286	-0,008	0,014	0,258	FALSE
-0,175	0,280	-0,008	0,014	0,263	FALSE
0,165	0,300	0,005	0,010	0,199	FALSE
0,044	0,290	0,005	0,016	0,127	FALSE
-0,033	0,284	0,000	0,011	0,010	FALSE
0,010	0,289	0,000	0,013	0,004	FALSE
0,010	0,283	0,000	0,013	0,010	FALSE
-0,003	0,278	0,000	0,009	0,001	FALSE
0,223	0,272	0,007	0,011	0,280	FALSE
0,074	0,286	0,002	0,010	0,074	FALSE
-0,007	0,291	0,001	0,010	0,034	FALSE
-0,105	0,299	-0,002	0,009	0,107	FALSE
-0,006	0,263	0,002	0,015	0,058	FALSE
0,187	0,268	0,005	0,009	0,230	FALSE
-0,067	0,292	-0,002	0,014	0,052	FALSE
-0,055	0,281	-0,001	0,009	0,062	FALSE
-0,199	0,274	-0,011	0,014	0,341	FALSE
-0,108	0,278	-0,003	0,009	0,145	FALSE
0,164	0,281	0,009	0,017	0,228	FALSE
0,064	0,265	0,002	0,015	0,052	FALSE
-0,108	0,282	-0,004	0,012	0,132	FALSE
-0,097	0,277	-0,003	0,013	0,103	FALSE

0,051	0,293	0,001	0,015	0,030	FALSE
-0,041	0,273	-0,002	0,010	0,088	FALSE
0,048	0,269	0,001	0,010	0,025	FALSE
-0,271	0,261	-0,010	0,011	0,419	FALSE
0,183	0,282	0,010	0,015	0,281	FALSE
-0,094	0,295	-0,005	0,018	0,111	FALSE
-0,041	0,289	-0,003	0,017	0,068	FALSE
0,017	0,297	0,001	0,015	0,033	FALSE
0,134	0,277	0,006	0,015	0,172	FALSE
-0,033	0,269	-0,002	0,012	0,059	FALSE
0,115	0,291	0,003	0,011	0,107	FALSE
-0,074	0,272	-0,001	0,011	0,044	FALSE
0,008	0,281	0,000	0,016	0,009	FALSE
0,024	0,286	0,004	0,014	0,099	FALSE
-0,163	0,293	-0,006	0,011	0,220	FALSE
0,054	0,291	0,002	0,009	0,087	FALSE
-0,010	0,287	-0,001	0,012	0,021	FALSE
0,022	0,284	0,003	0,012	0,094	FALSE
-0,066	0,283	-0,004	0,011	0,134	FALSE
0,044	0,277	0,004	0,013	0,127	FALSE
0,093	0,284	0,003	0,018	0,058	FALSE
0,080	0,291	0,004	0,015	0,120	FALSE
0,049	0,273	0,004	0,013	0,113	FALSE
0,001	0,280	-0,001	0,010	0,038	FALSE
-0,035	0,268	0,000	0,010	0,002	FALSE
0,081	0,280	0,007	0,014	0,194	FALSE
-0,026	0,290	0,001	0,013	0,023	FALSE
-0,038	0,281	0,001	0,013	0,026	FALSE
0,130	0,289	0,009	0,015	0,243	FALSE
0,126	0,288	0,009	0,016	0,244	FALSE
-0,087	0,271	-0,005	0,015	0,144	FALSE
-0,069	0,294	-0,002	0,010	0,064	FALSE
0,106	0,287	0,004	0,009	0,207	FALSE
-0,043	0,278	-0,002	0,012	0,071	FALSE
-0,064	0,297	-0,005	0,017	0,105	FALSE
-0,056	0,286	-0,005	0,016	0,110	FALSE
-0,006	0,282	-0,001	0,014	0,024	FALSE
0,082	0,278	0,003	0,010	0,109	FALSE
-0,061	0,288	-0,004	0,017	0,088	FALSE
0,189	0,271	0,009	0,017	0,220	FALSE
0,150	0,271	0,004	0,009	0,209	FALSE
0,147	0,276	0,008	0,016	0,199	FALSE
0,008	0,283	-0,002	0,013	0,049	FALSE
-0,079	0,293	-0,005	0,017	0,112	FALSE
0,127	0,276	0,004	0,009	0,176	FALSE
0,022	0,272	0,001	0,013	0,030	FALSE
0,081	0,287	0,004	0,014	0,108	FALSE
0,053	0,273	0,000	0,017	0,008	FALSE
-0,075	0,279	-0,003	0,013	0,095	FALSE
-0,085	0,292	-0,002	0,012	0,045	FALSE
0,078	0,290	0,005	0,013	0,144	FALSE
0,030	0,276	0,003	0,013	0,087	FALSE
-0,030	0,291	-0,001	0,011	0,020	FALSE

0,143	0,276	0,003	0,011	0,106	FALSE
0,087	0,280	0,003	0,009	0,118	FALSE
0,115	0,262	0,005	0,011	0,197	FALSE
-0,020	0,276	-0,001	0,010	0,023	FALSE
0,048	0,277	0,002	0,010	0,086	FALSE
-0,052	0,286	-0,001	0,009	0,058	FALSE
-0,041	0,272	-0,003	0,013	0,098	FALSE
-0,054	0,289	-0,002	0,011	0,072	FALSE
-0,029	0,282	-0,001	0,014	0,019	FALSE
0,085	0,284	0,001	0,015	0,034	FALSE
-0,203	0,287	-0,011	0,014	0,374	FALSE
0,057	0,276	0,001	0,010	0,025	FALSE
-0,009	0,267	-0,002	0,017	0,036	FALSE
0,081	0,283	0,005	0,017	0,108	FALSE
0,024	0,289	0,000	0,012	0,001	FALSE
0,052	0,288	0,002	0,013	0,054	FALSE
0,051	0,287	0,001	0,012	0,023	FALSE
-0,203	0,281	-0,011	0,017	0,278	FALSE
0,169	0,273	0,006	0,009	0,290	FALSE
0,021	0,284	0,000	0,010	0,001	FALSE
0,065	0,286	0,002	0,018	0,033	FALSE
-0,008	0,296	0,000	0,012	0,010	FALSE
-0,156	0,283	-0,005	0,012	0,187	FALSE
-0,098	0,292	-0,002	0,011	0,057	FALSE
-0,064	0,294	-0,001	0,011	0,048	FALSE
0,018	0,305	0,000	0,015	0,003	FALSE
-0,223	0,276	-0,012	0,017	0,316	FALSE
-0,014	0,280	-0,001	0,011	0,019	FALSE
0,202	0,266	0,005	0,008	0,285	FALSE
0,139	0,285	0,005	0,010	0,198	FALSE
-0,037	0,296	0,001	0,010	0,026	FALSE
-0,024	0,295	-0,004	0,017	0,100	FALSE
-0,012	0,289	-0,004	0,016	0,087	FALSE
0,027	0,295	0,002	0,017	0,054	FALSE
-0,059	0,279	-0,004	0,015	0,093	FALSE
-0,053	0,277	-0,004	0,013	0,121	FALSE
0,000	0,281	-0,003	0,014	0,070	FALSE
-0,076	0,302	-0,002	0,011	0,070	FALSE
0,004	0,284	0,000	0,011	0,007	FALSE
0,097	0,303	0,005	0,011	0,173	FALSE
0,119	0,276	0,003	0,012	0,095	FALSE
0,194	0,269	0,006	0,012	0,233	FALSE
-0,055	0,276	-0,004	0,013	0,115	FALSE
-0,021	0,279	-0,001	0,012	0,037	FALSE
-0,150	0,292	-0,007	0,014	0,220	FALSE
0,141	0,272	0,007	0,017	0,179	FALSE
-0,295	0,282	-0,012	0,013	0,448	FALSE
-0,046	0,263	-0,003	0,013	0,083	FALSE
-0,037	0,285	-0,003	0,015	0,076	FALSE
-0,079	0,281	-0,005	0,013	0,147	FALSE
0,002	0,281	0,002	0,011	0,082	FALSE
0,030	0,279	0,000	0,018	0,008	FALSE
-0,155	0,294	-0,010	0,015	0,293	FALSE

-0,012	0,279	0,001	0,012	0,017	FALSE
0,095	0,264	0,002	0,008	0,107	FALSE
0,107	0,265	0,003	0,012	0,112	FALSE
0,199	0,287	0,012	0,017	0,316	FALSE
-0,069	0,279	-0,004	0,011	0,153	FALSE
-0,082	0,279	-0,003	0,009	0,153	FALSE
0,062	0,284	0,003	0,017	0,067	FALSE
-0,085	0,288	-0,002	0,013	0,062	FALSE
0,089	0,272	0,005	0,018	0,104	FALSE
-0,067	0,274	-0,003	0,012	0,107	FALSE
-0,091	0,261	-0,004	0,017	0,095	FALSE
0,144	0,283	0,004	0,011	0,142	FALSE
-0,029	0,291	-0,001	0,014	0,025	FALSE
-0,029	0,277	-0,001	0,017	0,017	FALSE
-0,092	0,278	-0,004	0,013	0,118	FALSE
0,052	0,270	0,002	0,011	0,051	FALSE
-0,020	0,295	0,001	0,017	0,023	FALSE
-0,073	0,285	-0,002	0,010	0,077	FALSE
0,021	0,275	-0,002	0,014	0,045	FALSE
0,004	0,289	0,001	0,017	0,026	FALSE
0,078	0,278	0,005	0,016	0,130	FALSE
0,024	0,283	0,001	0,017	0,030	FALSE
0,056	0,280	0,002	0,011	0,065	FALSE
-0,014	0,292	0,000	0,009	0,017	FALSE
0,182	0,269	0,006	0,009	0,263	FALSE
0,172	0,284	0,008	0,015	0,228	FALSE
-0,033	0,293	-0,002	0,017	0,035	FALSE
0,120	0,262	0,004	0,009	0,171	FALSE
0,044	0,278	0,002	0,010	0,058	FALSE
0,003	0,290	0,001	0,011	0,023	FALSE
-0,076	0,283	-0,002	0,008	0,077	FALSE
-0,040	0,275	-0,002	0,010	0,090	FALSE
-0,027	0,297	-0,002	0,010	0,077	FALSE
-0,004	0,282	-0,002	0,009	0,061	FALSE
0,002	0,291	0,000	0,018	0,009	FALSE
-0,016	0,284	0,000	0,009	0,005	FALSE
0,282	0,264	0,008	0,011	0,337	FALSE
-0,159	0,285	-0,005	0,011	0,204	FALSE
-0,228	0,273	-0,008	0,012	0,313	FALSE
-0,042	0,280	-0,003	0,017	0,074	FALSE
-0,008	0,287	0,003	0,011	0,092	FALSE
-0,085	0,287	-0,005	0,015	0,121	FALSE
-0,055	0,269	-0,003	0,010	0,112	FALSE
-0,217	0,273	-0,009	0,016	0,239	FALSE
-0,195	0,273	-0,011	0,014	0,378	FALSE
0,137	0,264	0,004	0,011	0,130	FALSE
-0,053	0,286	-0,003	0,012	0,083	FALSE
0,037	0,301	0,000	0,011	0,002	FALSE
0,164	0,265	0,008	0,013	0,253	FALSE
-0,028	0,306	0,000	0,010	0,014	FALSE
0,143	0,277	0,006	0,010	0,230	FALSE
0,093	0,280	0,002	0,010	0,079	FALSE
0,101	0,282	0,004	0,012	0,126	FALSE

0,134	0,248	0,004	0,008	0,210	FALSE
0,138	0,275	0,006	0,015	0,149	FALSE
0,113	0,266	0,005	0,017	0,129	FALSE
0,102	0,265	0,005	0,015	0,120	FALSE
-0,043	0,287	-0,002	0,011	0,065	FALSE
0,207	0,275	0,009	0,016	0,232	FALSE
-0,017	0,282	0,000	0,010	0,010	FALSE
0,165	0,279	0,007	0,018	0,155	FALSE
0,094	0,276	0,004	0,014	0,095	FALSE
0,169	0,291	0,009	0,015	0,252	FALSE
0,164	0,286	0,008	0,015	0,238	FALSE
0,048	0,279	0,002	0,011	0,072	FALSE
0,141	0,283	0,005	0,011	0,177	FALSE
0,069	0,276	0,000	0,009	0,004	FALSE
0,196	0,277	0,009	0,013	0,311	FALSE
-0,034	0,267	0,000	0,008	0,010	FALSE
0,051	0,283	0,000	0,014	0,001	FALSE
0,079	0,300	0,003	0,011	0,107	FALSE
0,124	0,306	0,007	0,018	0,155	FALSE
-0,108	0,269	-0,006	0,017	0,151	FALSE
-0,051	0,289	-0,001	0,010	0,043	FALSE
-0,218	0,282	-0,010	0,012	0,372	FALSE
0,034	0,282	0,001	0,016	0,031	FALSE
-0,121	0,287	-0,004	0,014	0,125	FALSE
0,056	0,294	0,001	0,011	0,046	FALSE
0,002	0,277	0,001	0,010	0,042	FALSE
0,020	0,289	0,003	0,017	0,067	FALSE
0,006	0,271	0,000	0,014	0,001	FALSE
-0,085	0,310	-0,004	0,017	0,100	FALSE
0,159	0,276	0,008	0,015	0,236	FALSE
0,215	0,274	0,008	0,012	0,296	FALSE
0,115	0,275	0,003	0,010	0,106	FALSE
-0,159	0,286	-0,010	0,017	0,261	FALSE
-0,096	0,281	-0,004	0,013	0,122	FALSE
-0,173	0,287	-0,007	0,012	0,237	FALSE
-0,045	0,283	0,000	0,009	0,018	FALSE
-0,107	0,272	-0,004	0,012	0,136	FALSE
0,114	0,288	0,002	0,011	0,071	FALSE
-0,053	0,272	-0,003	0,016	0,073	FALSE
0,037	0,297	0,002	0,016	0,056	FALSE
0,083	0,280	0,003	0,012	0,084	FALSE
-0,159	0,271	-0,005	0,010	0,204	FALSE
-0,070	0,294	-0,005	0,018	0,105	FALSE
-0,025	0,290	-0,002	0,016	0,045	FALSE
0,064	0,284	0,002	0,012	0,063	FALSE
0,130	0,279	0,003	0,016	0,075	FALSE
0,231	0,276	0,010	0,015	0,299	FALSE
0,191	0,275	0,008	0,017	0,202	FALSE
0,014	0,275	0,000	0,011	0,002	FALSE
0,018	0,271	-0,001	0,010	0,039	FALSE
0,238	0,272	0,012	0,014	0,377	FALSE
0,155	0,270	0,005	0,010	0,223	FALSE
0,155	0,281	0,009	0,017	0,226	FALSE

0,095	0,290	0,005	0,013	0,153	FALSE
0,068	0,278	0,001	0,009	0,046	FALSE
0,019	0,277	0,001	0,016	0,011	FALSE
0,043	0,276	0,001	0,009	0,025	FALSE
-0,093	0,269	-0,006	0,017	0,140	FALSE
-0,182	0,266	-0,005	0,009	0,221	FALSE
-0,176	0,278	-0,006	0,014	0,185	FALSE
-0,083	0,314	-0,005	0,015	0,132	FALSE
0,194	0,263	0,007	0,011	0,269	FALSE
-0,042	0,287	-0,001	0,012	0,017	FALSE
-0,005	0,277	0,001	0,010	0,041	FALSE
-0,024	0,279	-0,001	0,016	0,022	FALSE
0,036	0,295	0,001	0,016	0,022	FALSE
0,048	0,288	0,002	0,016	0,051	FALSE
-0,002	0,285	0,001	0,014	0,015	FALSE
-0,038	0,280	-0,001	0,016	0,021	FALSE
0,037	0,280	0,003	0,009	0,134	FALSE
-0,082	0,288	-0,004	0,010	0,137	FALSE
0,034	0,303	0,002	0,017	0,036	FALSE
0,106	0,270	0,003	0,012	0,091	FALSE
-0,141	0,280	-0,005	0,012	0,188	FALSE
-0,089	0,280	-0,004	0,011	0,129	FALSE
0,142	0,270	0,004	0,009	0,160	FALSE
-0,035	0,273	-0,002	0,010	0,056	FALSE
-0,059	0,280	-0,003	0,009	0,157	FALSE
-0,016	0,278	-0,001	0,012	0,044	FALSE
-0,079	0,270	-0,005	0,016	0,134	FALSE
0,012	0,298	0,001	0,015	0,031	FALSE
-0,109	0,280	-0,005	0,010	0,180	FALSE
-0,094	0,291	-0,004	0,011	0,168	FALSE
-0,096	0,291	-0,004	0,012	0,147	FALSE
-0,170	0,286	-0,005	0,008	0,239	FALSE
0,065	0,280	0,002	0,009	0,106	FALSE
-0,167	0,272	-0,006	0,011	0,250	FALSE
-0,015	0,278	-0,001	0,017	0,028	FALSE
-0,008	0,295	-0,001	0,012	0,019	FALSE
0,003	0,283	-0,001	0,015	0,014	FALSE
0,178	0,272	0,007	0,016	0,183	FALSE
0,048	0,267	0,001	0,009	0,042	FALSE
0,136	0,283	0,005	0,015	0,139	FALSE
0,082	0,274	0,007	0,017	0,172	FALSE
0,052	0,284	0,004	0,014	0,102	FALSE
-0,033	0,292	-0,002	0,011	0,068	FALSE
0,093	0,287	0,007	0,018	0,151	FALSE
0,022	0,289	0,001	0,009	0,027	FALSE
-0,094	0,269	-0,002	0,015	0,055	FALSE
-0,141	0,271	-0,004	0,011	0,145	FALSE
0,137	0,282	0,005	0,015	0,141	FALSE
-0,017	0,295	0,000	0,018	0,006	FALSE
0,003	0,292	0,001	0,018	0,021	FALSE
-0,111	0,296	-0,005	0,015	0,132	FALSE
-0,120	0,280	-0,002	0,010	0,073	FALSE
-0,019	0,305	-0,002	0,018	0,045	FALSE

-0,033	0,297	-0,003	0,017	0,056	FALSE
0,007	0,303	0,001	0,018	0,016	FALSE
-0,002	0,303	0,000	0,018	0,010	FALSE
-0,003	0,297	0,000	0,017	0,007	FALSE
-0,070	0,294	-0,005	0,017	0,121	FALSE
-0,007	0,299	0,000	0,017	0,004	FALSE
0,049	0,299	0,002	0,016	0,036	FALSE
0,001	0,298	-0,001	0,018	0,015	FALSE
0,002	0,299	0,000	0,017	0,009	FALSE
-0,031	0,298	-0,003	0,017	0,061	FALSE
-0,019	0,294	-0,002	0,018	0,036	FALSE
-0,182	0,281	-0,009	0,018	0,224	FALSE
0,244	0,270	0,012	0,017	0,321	FALSE
-0,188	0,282	-0,004	0,009	0,207	FALSE
0,146	0,264	0,003	0,010	0,124	FALSE
0,372	0,240	0,012	0,010	0,603	FALSE
0,082	0,280	0,004	0,016	0,106	FALSE
0,048	0,283	0,002	0,009	0,099	FALSE
0,038	0,274	0,000	0,010	0,014	FALSE
0,131	0,280	0,003	0,010	0,110	FALSE
0,166	0,270	0,005	0,013	0,159	FALSE
0,052	0,276	0,001	0,010	0,037	FALSE
-0,035	0,290	0,000	0,016	0,009	FALSE
0,052	0,287	0,001	0,010	0,021	FALSE
0,130	0,280	0,005	0,012	0,175	FALSE
0,034	0,282	0,002	0,013	0,061	FALSE
-0,163	0,281	-0,004	0,010	0,158	FALSE
-0,029	0,286	-0,002	0,009	0,095	FALSE
-0,061	0,282	0,000	0,012	0,007	FALSE
-0,049	0,282	-0,002	0,009	0,098	FALSE
-0,002	0,268	0,000	0,010	0,017	FALSE
0,068	0,288	0,004	0,012	0,122	FALSE
-0,226	0,267	-0,012	0,018	0,293	FALSE
0,059	0,277	0,004	0,011	0,148	FALSE
0,087	0,264	0,001	0,016	0,017	FALSE
0,009	0,278	0,002	0,009	0,073	FALSE
-0,112	0,280	-0,003	0,011	0,120	FALSE
-0,056	0,283	-0,002	0,011	0,073	FALSE
0,094	0,283	0,002	0,009	0,088	FALSE
-0,115	0,282	-0,003	0,011	0,106	FALSE
0,037	0,287	0,000	0,010	0,016	FALSE
-0,070	0,268	-0,001	0,010	0,051	FALSE
-0,007	0,289	0,001	0,010	0,037	FALSE
-0,172	0,274	-0,006	0,010	0,238	FALSE
-0,031	0,293	-0,002	0,009	0,071	FALSE
-0,001	0,274	-0,002	0,013	0,059	FALSE
-0,031	0,276	-0,001	0,011	0,017	FALSE
0,004	0,273	0,000	0,012	0,000	FALSE
-0,049	0,287	-0,002	0,009	0,070	FALSE
0,099	0,288	0,006	0,016	0,155	FALSE
0,100	0,286	0,005	0,017	0,108	FALSE
-0,049	0,268	-0,003	0,017	0,060	FALSE
0,002	0,282	0,000	0,017	0,000	FALSE

-0,177	0,272	-0,005	0,009	0,233	FALSE
0,097	0,288	0,003	0,018	0,068	FALSE
0,049	0,281	0,002	0,012	0,058	FALSE
-0,013	0,276	0,000	0,012	0,013	FALSE
0,030	0,298	0,000	0,009	0,009	FALSE
0,041	0,279	0,000	0,013	0,002	FALSE
0,068	0,269	0,007	0,017	0,174	FALSE
-0,149	0,283	-0,008	0,014	0,274	FALSE
0,092	0,289	0,003	0,014	0,071	FALSE
0,093	0,277	0,003	0,013	0,093	FALSE
-0,079	0,295	-0,001	0,010	0,049	FALSE
-0,019	0,304	-0,001	0,012	0,032	FALSE
0,038	0,275	0,001	0,009	0,045	FALSE
-0,168	0,272	-0,006	0,015	0,176	FALSE
-0,149	0,290	-0,005	0,013	0,153	FALSE
-0,131	0,268	-0,004	0,010	0,172	FALSE
0,208	0,265	0,012	0,017	0,313	FALSE
-0,042	0,279	-0,002	0,009	0,075	FALSE
-0,152	0,290	-0,004	0,010	0,167	FALSE
-0,159	0,275	-0,007	0,012	0,247	FALSE
0,059	0,265	0,000	0,014	0,006	FALSE
-0,073	0,283	-0,004	0,015	0,109	FALSE
0,196	0,272	0,013	0,017	0,342	FALSE
-0,001	0,284	-0,001	0,014	0,027	FALSE
-0,011	0,299	-0,001	0,015	0,017	FALSE
-0,036	0,295	-0,003	0,016	0,057	FALSE
-0,056	0,285	-0,003	0,012	0,107	FALSE
-0,078	0,281	-0,007	0,014	0,208	FALSE
-0,062	0,283	-0,007	0,015	0,179	FALSE
0,028	0,278	0,004	0,017	0,084	FALSE
-0,005	0,277	-0,001	0,014	0,025	FALSE
-0,129	0,291	-0,002	0,012	0,052	FALSE
-0,095	0,284	-0,004	0,011	0,134	FALSE
-0,074	0,283	-0,003	0,011	0,100	FALSE
0,106	0,288	0,003	0,010	0,101	FALSE
0,168	0,278	0,010	0,017	0,233	FALSE
0,141	0,277	0,007	0,016	0,174	FALSE
0,103	0,281	0,003	0,012	0,114	FALSE
-0,098	0,280	-0,003	0,009	0,112	FALSE
0,029	0,273	0,002	0,017	0,048	FALSE
-0,019	0,302	-0,002	0,016	0,042	FALSE
0,072	0,300	0,004	0,018	0,095	FALSE
0,083	0,287	0,005	0,017	0,114	FALSE
-0,188	0,283	-0,006	0,009	0,282	FALSE
-0,149	0,282	-0,004	0,012	0,144	FALSE
0,104	0,284	0,004	0,012	0,138	FALSE
0,149	0,267	0,004	0,013	0,121	FALSE
-0,267	0,280	-0,010	0,011	0,448	FALSE
-0,134	0,294	-0,006	0,011	0,216	FALSE
-0,118	0,275	-0,008	0,017	0,191	FALSE
-0,120	0,294	-0,006	0,018	0,122	FALSE
0,105	0,283	0,004	0,009	0,172	FALSE
0,011	0,282	0,001	0,014	0,022	FALSE

0,122	0,263	0,006	0,016	0,159	FALSE
-0,078	0,283	-0,004	0,014	0,117	FALSE
0,071	0,294	0,002	0,011	0,063	FALSE
-0,136	0,284	-0,004	0,011	0,154	FALSE
0,042	0,283	0,001	0,012	0,038	FALSE
0,028	0,285	0,000	0,014	0,012	FALSE
0,192	0,268	0,007	0,013	0,241	FALSE
-0,217	0,273	-0,008	0,011	0,372	FALSE
-0,096	0,287	-0,006	0,016	0,160	FALSE
0,024	0,281	0,000	0,011	0,004	FALSE
-0,014	0,286	-0,001	0,013	0,039	FALSE
-0,005	0,288	-0,002	0,018	0,039	FALSE
-0,131	0,279	-0,004	0,010	0,167	FALSE
0,025	0,269	0,002	0,012	0,069	FALSE
-0,036	0,287	-0,001	0,013	0,022	FALSE
0,235	0,269	0,012	0,015	0,368	FALSE
-0,092	0,286	-0,004	0,010	0,186	FALSE
0,121	0,286	0,009	0,017	0,216	FALSE
0,084	0,284	0,002	0,009	0,085	FALSE
0,211	0,270	0,012	0,015	0,364	FALSE
-0,012	0,279	0,001	0,013	0,024	FALSE
0,014	0,290	0,002	0,014	0,062	FALSE
-0,064	0,289	-0,004	0,012	0,146	FALSE
0,077	0,285	0,003	0,014	0,077	FALSE
0,094	0,279	0,002	0,010	0,080	FALSE
-0,106	0,281	-0,004	0,009	0,162	FALSE
-0,092	0,271	-0,006	0,012	0,190	FALSE
0,153	0,279	0,010	0,017	0,260	FALSE
-0,078	0,281	-0,006	0,017	0,136	FALSE
0,029	0,286	0,002	0,011	0,085	FALSE
0,007	0,286	0,001	0,008	0,042	FALSE
0,071	0,286	0,005	0,018	0,102	FALSE
-0,087	0,281	-0,006	0,016	0,160	FALSE
0,267	0,266	0,014	0,014	0,475	FALSE
0,001	0,280	-0,002	0,016	0,035	FALSE
0,198	0,284	0,006	0,008	0,305	FALSE
-0,083	0,281	-0,008	0,016	0,218	FALSE
-0,145	0,286	-0,011	0,018	0,277	FALSE
0,102	0,283	0,005	0,015	0,140	FALSE
0,073	0,271	0,004	0,014	0,105	FALSE
0,075	0,294	0,005	0,017	0,112	FALSE
-0,052	0,287	-0,002	0,015	0,045	FALSE
-0,023	0,286	0,001	0,015	0,021	FALSE
-0,038	0,300	-0,003	0,018	0,062	FALSE
-0,083	0,296	-0,006	0,017	0,136	FALSE
-0,153	0,276	-0,004	0,009	0,181	FALSE
0,066	0,281	0,002	0,010	0,090	FALSE
-0,084	0,261	-0,004	0,012	0,142	FALSE
0,033	0,287	0,002	0,017	0,044	FALSE
0,039	0,287	-0,001	0,012	0,016	FALSE
0,005	0,291	-0,002	0,017	0,041	FALSE
-0,054	0,298	0,000	0,012	0,004	FALSE
-0,015	0,274	-0,001	0,016	0,025	FALSE

-0,175	0,289	-0,004	0,009	0,196	FALSE
0,093	0,278	0,006	0,013	0,196	FALSE
-0,021	0,275	0,000	0,012	0,005	FALSE
-0,093	0,270	-0,006	0,015	0,151	FALSE
-0,091	0,289	-0,004	0,013	0,129	FALSE
-0,019	0,286	-0,001	0,009	0,021	FALSE
-0,072	0,292	-0,002	0,012	0,045	FALSE
-0,093	0,280	-0,005	0,016	0,113	FALSE
0,000	0,290	0,000	0,010	0,015	FALSE
-0,072	0,278	-0,003	0,017	0,072	FALSE
0,097	0,287	0,005	0,017	0,108	FALSE
0,031	0,284	0,004	0,017	0,082	FALSE
-0,171	0,287	-0,007	0,012	0,233	FALSE
0,040	0,292	0,002	0,010	0,064	FALSE
0,200	0,269	0,004	0,008	0,214	FALSE
-0,107	0,299	-0,003	0,010	0,102	FALSE
0,074	0,277	0,003	0,014	0,093	FALSE
0,149	0,267	0,008	0,015	0,227	FALSE
0,128	0,283	0,004	0,009	0,166	FALSE
0,144	0,278	0,010	0,017	0,246	FALSE
0,137	0,278	0,008	0,017	0,211	FALSE
-0,071	0,288	-0,003	0,017	0,063	FALSE
0,164	0,265	0,005	0,012	0,197	FALSE
0,033	0,263	0,001	0,012	0,023	FALSE
0,049	0,268	0,001	0,012	0,022	FALSE
-0,094	0,278	-0,004	0,009	0,173	FALSE
-0,043	0,291	-0,001	0,015	0,031	FALSE
-0,068	0,276	-0,005	0,013	0,141	FALSE
-0,117	0,293	-0,006	0,015	0,166	FALSE
0,226	0,267	0,009	0,017	0,226	FALSE
0,103	0,274	0,005	0,018	0,099	FALSE
0,071	0,290	0,002	0,013	0,063	FALSE
0,012	0,287	0,000	0,013	0,002	FALSE
0,002	0,272	0,002	0,008	0,076	FALSE
-0,002	0,278	0,002	0,009	0,065	FALSE
0,000	0,276	0,002	0,015	0,054	FALSE
0,147	0,294	0,009	0,017	0,228	FALSE
0,196	0,272	0,012	0,016	0,328	FALSE
0,123	0,297	0,004	0,016	0,098	FALSE
-0,047	0,279	-0,003	0,011	0,095	FALSE
0,004	0,292	-0,001	0,013	0,031	FALSE
0,132	0,285	0,005	0,011	0,180	FALSE
0,047	0,283	0,001	0,013	0,028	FALSE
0,199	0,276	0,006	0,010	0,250	FALSE
-0,078	0,300	-0,002	0,010	0,072	FALSE
-0,065	0,284	-0,001	0,016	0,030	FALSE
-0,036	0,277	0,000	0,015	0,002	FALSE
-0,060	0,297	-0,002	0,011	0,052	FALSE
-0,033	0,293	-0,001	0,011	0,029	FALSE
0,095	0,288	0,004	0,015	0,100	FALSE
0,004	0,286	0,001	0,009	0,046	FALSE
0,130	0,263	0,006	0,017	0,127	FALSE
-0,002	0,284	0,002	0,017	0,038	FALSE

0,150	0,272	0,007	0,014	0,213	FALSE
0,092	0,286	0,005	0,017	0,105	FALSE
0,135	0,276	0,007	0,017	0,166	FALSE
-0,117	0,266	-0,003	0,014	0,076	FALSE
-0,171	0,288	-0,005	0,010	0,206	FALSE
-0,067	0,276	-0,002	0,010	0,062	FALSE
0,045	0,292	0,003	0,015	0,080	FALSE
-0,106	0,280	-0,003	0,010	0,116	FALSE
0,070	0,276	0,004	0,016	0,092	FALSE
-0,271	0,282	-0,010	0,013	0,334	FALSE
-0,220	0,278	-0,006	0,010	0,237	FALSE
-0,191	0,287	-0,005	0,011	0,201	FALSE
0,106	0,281	0,005	0,018	0,112	FALSE
-0,005	0,290	0,000	0,016	0,009	FALSE
0,155	0,264	0,006	0,012	0,192	FALSE
0,120	0,282	0,005	0,015	0,130	FALSE
0,034	0,282	0,002	0,013	0,053	FALSE
-0,080	0,300	-0,003	0,010	0,098	FALSE
0,065	0,281	0,003	0,016	0,057	FALSE
0,006	0,296	0,001	0,010	0,024	FALSE
-0,022	0,284	-0,002	0,014	0,055	FALSE
0,110	0,294	0,005	0,017	0,106	FALSE
-0,043	0,287	-0,001	0,013	0,026	FALSE
-0,030	0,290	-0,003	0,017	0,054	FALSE
0,076	0,281	0,005	0,016	0,119	FALSE
-0,103	0,275	-0,005	0,017	0,124	FALSE
0,181	0,264	0,005	0,011	0,188	FALSE
-0,029	0,290	0,000	0,008	0,007	FALSE
-0,283	0,265	-0,010	0,012	0,389	FALSE
-0,008	0,284	0,001	0,011	0,016	FALSE
0,009	0,279	0,000	0,010	0,006	FALSE
0,053	0,284	0,001	0,009	0,059	FALSE
0,111	0,266	0,005	0,010	0,188	FALSE
-0,095	0,285	-0,005	0,014	0,146	FALSE
-0,160	0,259	-0,012	0,017	0,330	FALSE
-0,208	0,280	-0,006	0,009	0,264	FALSE
-0,147	0,288	-0,005	0,012	0,158	FALSE
0,077	0,281	0,002	0,017	0,051	FALSE
-0,126	0,265	-0,004	0,009	0,209	FALSE
0,066	0,283	0,001	0,013	0,036	FALSE
0,024	0,291	0,002	0,016	0,038	FALSE
0,056	0,279	0,001	0,012	0,028	FALSE
0,089	0,289	0,002	0,013	0,062	FALSE
0,062	0,284	0,000	0,012	0,006	FALSE
0,007	0,278	-0,001	0,011	0,028	FALSE
-0,026	0,279	-0,001	0,008	0,029	FALSE
0,067	0,282	0,001	0,009	0,045	FALSE
0,003	0,279	0,001	0,009	0,030	FALSE
0,024	0,294	0,004	0,015	0,105	FALSE
0,180	0,277	0,008	0,013	0,272	FALSE
0,133	0,280	0,003	0,011	0,117	FALSE
0,003	0,283	-0,001	0,014	0,013	FALSE
-0,050	0,285	0,000	0,009	0,006	FALSE

-0,034	0,275	-0,001	0,016	0,016	FALSE
0,105	0,285	0,002	0,010	0,085	FALSE
0,073	0,278	0,002	0,009	0,097	FALSE
-0,071	0,279	-0,006	0,017	0,128	FALSE
-0,104	0,270	-0,006	0,016	0,149	FALSE
-0,059	0,278	-0,003	0,011	0,111	FALSE
-0,013	0,289	-0,002	0,014	0,056	FALSE
-0,039	0,297	0,000	0,010	0,005	FALSE
0,138	0,289	0,005	0,012	0,175	FALSE
-0,162	0,287	-0,008	0,015	0,227	FALSE
-0,134	0,262	-0,006	0,014	0,171	FALSE
-0,054	0,289	-0,002	0,009	0,067	FALSE
0,007	0,292	0,001	0,014	0,027	FALSE
0,051	0,297	0,001	0,010	0,021	FALSE
0,247	0,272	0,009	0,011	0,376	FALSE
-0,069	0,264	-0,007	0,016	0,182	FALSE
-0,159	0,296	-0,005	0,010	0,217	FALSE
0,011	0,290	0,000	0,014	0,000	FALSE
-0,060	0,267	-0,002	0,008	0,073	FALSE
-0,124	0,287	-0,006	0,015	0,162	FALSE
0,124	0,291	0,005	0,009	0,234	FALSE
-0,041	0,289	-0,003	0,014	0,069	FALSE
-0,060	0,290	-0,002	0,014	0,040	FALSE
0,193	0,264	0,005	0,009	0,251	FALSE
-0,073	0,281	-0,004	0,016	0,095	FALSE
0,058	0,259	0,003	0,016	0,069	FALSE
-0,168	0,271	-0,008	0,015	0,228	FALSE
0,122	0,282	0,004	0,012	0,123	FALSE
-0,113	0,286	-0,005	0,013	0,175	FALSE
0,041	0,271	0,001	0,012	0,017	FALSE
-0,180	0,289	-0,005	0,009	0,221	FALSE
0,020	0,283	-0,001	0,011	0,019	FALSE
-0,020	0,282	-0,002	0,010	0,057	FALSE
0,024	0,281	0,001	0,016	0,014	FALSE
-0,125	0,279	-0,003	0,010	0,118	FALSE
0,202	0,267	0,010	0,017	0,252	FALSE
-0,089	0,288	-0,005	0,017	0,118	FALSE
-0,056	0,282	-0,002	0,009	0,070	FALSE
0,043	0,304	0,001	0,010	0,042	FALSE
0,075	0,302	0,007	0,016	0,178	FALSE
-0,014	0,290	0,002	0,014	0,044	FALSE
-0,127	0,288	-0,005	0,011	0,166	FALSE
0,051	0,291	0,003	0,017	0,076	FALSE
-0,003	0,292	0,001	0,012	0,019	FALSE
0,049	0,286	0,002	0,011	0,057	FALSE
-0,013	0,278	-0,001	0,014	0,025	FALSE
0,013	0,274	0,001	0,011	0,022	FALSE
-0,024	0,295	-0,002	0,014	0,041	FALSE
0,067	0,296	0,004	0,015	0,090	FALSE
-0,201	0,281	-0,013	0,017	0,349	FALSE
-0,014	0,285	0,001	0,009	0,026	FALSE
0,190	0,277	0,007	0,014	0,218	FALSE
-0,028	0,280	-0,001	0,014	0,032	FALSE

-0,009	0,289	0,000	0,010	0,012	FALSE
0,038	0,287	0,001	0,017	0,028	FALSE
-0,026	0,281	-0,003	0,016	0,069	FALSE
0,020	0,270	0,000	0,014	0,001	FALSE
-0,032	0,287	-0,003	0,017	0,067	FALSE
-0,028	0,274	-0,002	0,008	0,093	FALSE
0,086	0,280	0,002	0,012	0,061	FALSE
-0,025	0,295	-0,001	0,011	0,027	FALSE
0,094	0,289	0,004	0,012	0,121	FALSE
0,083	0,287	0,003	0,016	0,080	FALSE
0,052	0,281	0,002	0,016	0,056	FALSE
-0,032	0,289	0,000	0,009	0,013	FALSE
-0,033	0,275	-0,003	0,017	0,076	FALSE
0,267	0,271	0,011	0,013	0,410	FALSE
0,077	0,270	0,004	0,010	0,158	FALSE
-0,122	0,298	-0,003	0,010	0,129	FALSE
-0,177	0,277	-0,005	0,011	0,189	FALSE
0,109	0,269	0,005	0,012	0,151	FALSE
0,081	0,275	0,003	0,013	0,084	FALSE
-0,062	0,294	0,000	0,010	0,014	FALSE
-0,051	0,290	-0,001	0,012	0,020	FALSE
-0,098	0,280	-0,003	0,009	0,118	FALSE
-0,050	0,294	-0,001	0,009	0,044	FALSE
0,036	0,288	0,000	0,015	0,006	FALSE
0,035	0,281	0,001	0,009	0,037	FALSE
-0,225	0,274	-0,007	0,010	0,288	FALSE
0,021	0,285	0,001	0,010	0,031	FALSE
0,015	0,275	0,002	0,013	0,057	FALSE
-0,085	0,291	-0,002	0,009	0,103	FALSE
0,000	0,278	-0,001	0,014	0,013	FALSE
-0,112	0,297	-0,004	0,013	0,128	FALSE
0,256	0,255	0,011	0,013	0,376	FALSE
0,161	0,285	0,006	0,011	0,222	FALSE
-0,002	0,271	0,001	0,014	0,013	FALSE
0,185	0,279	0,010	0,016	0,285	FALSE
0,202	0,266	0,008	0,011	0,337	FALSE
0,109	0,282	0,003	0,009	0,129	FALSE
0,061	0,288	0,001	0,010	0,051	FALSE
0,063	0,276	0,002	0,016	0,036	FALSE
0,033	0,284	0,002	0,010	0,092	FALSE
-0,142	0,292	-0,005	0,011	0,176	FALSE
-0,017	0,295	0,000	0,009	0,002	FALSE
0,074	0,289	0,004	0,013	0,109	FALSE
0,049	0,279	0,001	0,009	0,059	FALSE
0,067	0,282	0,003	0,017	0,075	FALSE
-0,170	0,279	-0,006	0,011	0,215	FALSE
-0,151	0,269	-0,005	0,012	0,157	FALSE
-0,188	0,267	-0,008	0,012	0,282	FALSE
0,201	0,276	0,012	0,018	0,295	FALSE
0,074	0,278	0,003	0,010	0,130	FALSE
0,094	0,276	0,003	0,015	0,085	FALSE
-0,112	0,289	-0,007	0,018	0,163	FALSE
0,110	0,293	0,006	0,018	0,141	FALSE

-0,112	0,283	-0,004	0,015	0,100	FALSE
0,102	0,293	0,006	0,015	0,154	FALSE
0,124	0,280	0,007	0,017	0,161	FALSE
-0,168	0,276	-0,004	0,009	0,208	FALSE
0,262	0,263	0,007	0,009	0,398	FALSE
0,093	0,299	0,004	0,011	0,146	FALSE
-0,033	0,287	-0,001	0,014	0,031	FALSE
-0,059	0,270	-0,001	0,010	0,047	FALSE
-0,087	0,283	-0,006	0,016	0,160	FALSE
-0,236	0,274	-0,008	0,009	0,414	FALSE
-0,046	0,295	-0,001	0,010	0,036	FALSE
0,152	0,277	0,007	0,013	0,231	FALSE
0,082	0,288	0,003	0,009	0,111	FALSE
-0,036	0,291	0,000	0,010	0,004	FALSE
-0,148	0,264	-0,010	0,015	0,289	FALSE
-0,067	0,288	-0,003	0,016	0,072	FALSE
-0,008	0,294	0,000	0,016	0,003	FALSE
-0,041	0,271	-0,001	0,013	0,038	FALSE
-0,272	0,277	-0,012	0,015	0,384	FALSE
-0,061	0,272	-0,003	0,016	0,063	FALSE
-0,107	0,292	-0,002	0,009	0,097	FALSE
0,074	0,288	0,002	0,012	0,061	FALSE
0,152	0,274	0,006	0,012	0,214	FALSE
0,006	0,278	0,000	0,009	0,009	FALSE
-0,045	0,279	-0,001	0,012	0,033	FALSE
-0,074	0,284	-0,003	0,010	0,095	FALSE
-0,049	0,292	-0,002	0,009	0,059	FALSE
-0,060	0,307	-0,001	0,011	0,049	FALSE
-0,045	0,290	0,000	0,011	0,005	FALSE
-0,163	0,279	-0,004	0,009	0,178	FALSE
-0,143	0,289	-0,004	0,009	0,153	FALSE
0,045	0,298	0,002	0,017	0,033	FALSE
0,054	0,286	0,001	0,011	0,040	FALSE
-0,056	0,280	-0,001	0,017	0,026	FALSE
0,106	0,284	0,005	0,013	0,177	FALSE
0,007	0,279	0,003	0,017	0,069	FALSE
-0,051	0,288	-0,002	0,009	0,068	FALSE
0,107	0,292	0,008	0,015	0,224	FALSE
0,046	0,301	0,003	0,013	0,075	FALSE
-0,024	0,282	0,003	0,014	0,066	FALSE
0,020	0,272	0,002	0,009	0,089	FALSE
0,120	0,278	0,007	0,017	0,176	FALSE
0,042	0,288	0,001	0,009	0,031	FALSE
-0,126	0,276	-0,005	0,009	0,204	FALSE
0,053	0,280	0,004	0,017	0,077	FALSE
0,029	0,283	0,001	0,018	0,030	FALSE
0,016	0,287	0,000	0,015	0,004	FALSE
-0,087	0,300	-0,002	0,010	0,072	FALSE
-0,013	0,288	0,000	0,010	0,001	FALSE
-0,045	0,284	-0,003	0,017	0,074	FALSE
0,094	0,282	0,005	0,017	0,104	FALSE
0,067	0,283	0,002	0,011	0,073	FALSE
0,005	0,297	0,002	0,012	0,061	FALSE

-0,171	0,272	-0,007	0,012	0,234	FALSE
-0,128	0,267	-0,009	0,018	0,215	FALSE
0,029	0,272	0,002	0,015	0,058	FALSE
-0,100	0,266	-0,003	0,011	0,117	FALSE
0,052	0,286	0,001	0,018	0,026	FALSE
0,028	0,286	0,000	0,017	0,007	FALSE
0,172	0,287	0,007	0,012	0,267	FALSE
0,183	0,291	0,007	0,012	0,259	FALSE
-0,048	0,272	-0,004	0,013	0,135	FALSE
0,193	0,270	0,008	0,012	0,313	FALSE
0,185	0,285	0,007	0,011	0,286	FALSE
0,094	0,275	0,002	0,008	0,071	FALSE
-0,169	0,299	-0,005	0,010	0,215	FALSE
0,052	0,284	0,003	0,008	0,146	FALSE
0,090	0,281	0,003	0,010	0,128	FALSE
-0,074	0,290	-0,001	0,012	0,033	FALSE
-0,048	0,266	-0,001	0,015	0,017	FALSE
0,022	0,289	0,001	0,009	0,041	FALSE
-0,179	0,274	-0,011	0,016	0,304	FALSE
-0,182	0,269	-0,007	0,013	0,216	FALSE
-0,175	0,282	-0,007	0,010	0,318	FALSE
0,000	0,289	0,000	0,013	0,001	FALSE
-0,169	0,281	-0,006	0,009	0,306	FALSE
-0,035	0,279	0,000	0,009	0,007	FALSE
-0,024	0,288	-0,001	0,012	0,021	FALSE
0,003	0,284	0,001	0,009	0,043	FALSE
0,026	0,308	0,002	0,010	0,057	FALSE
0,065	0,281	0,002	0,008	0,074	FALSE
-0,165	0,267	-0,006	0,013	0,204	FALSE
0,032	0,285	0,003	0,011	0,090	FALSE
-0,025	0,258	0,002	0,013	0,073	FALSE
-0,051	0,282	-0,001	0,011	0,048	FALSE
0,066	0,284	0,004	0,014	0,122	FALSE
-0,109	0,286	-0,003	0,009	0,147	FALSE
0,194	0,282	0,007	0,010	0,307	FALSE
-0,106	0,279	-0,003	0,010	0,112	FALSE
-0,060	0,289	-0,003	0,014	0,097	FALSE
0,098	0,269	0,003	0,015	0,082	FALSE
0,174	0,267	0,008	0,016	0,205	FALSE
-0,101	0,295	-0,003	0,009	0,136	FALSE
0,051	0,265	0,001	0,009	0,027	FALSE
-0,003	0,286	0,001	0,016	0,024	FALSE
-0,040	0,296	-0,002	0,016	0,034	FALSE
0,002	0,271	0,001	0,016	0,029	FALSE
0,026	0,302	0,002	0,017	0,049	FALSE
-0,052	0,279	0,000	0,012	0,014	FALSE
-0,026	0,285	-0,002	0,011	0,076	FALSE
0,013	0,285	0,002	0,012	0,059	FALSE
-0,079	0,291	-0,005	0,016	0,126	FALSE
-0,019	0,290	0,000	0,011	0,006	FALSE
-0,068	0,282	-0,001	0,011	0,039	FALSE
0,132	0,274	0,004	0,016	0,110	FALSE
0,125	0,273	0,003	0,017	0,065	FALSE

0,086	0,294	0,004	0,017	0,078	FALSE
-0,044	0,292	-0,002	0,017	0,053	FALSE
0,024	0,280	0,000	0,011	0,011	FALSE
0,118	0,275	0,005	0,010	0,189	FALSE
-0,101	0,281	-0,005	0,018	0,116	FALSE
-0,110	0,272	-0,005	0,016	0,128	FALSE
0,016	0,290	0,000	0,010	0,014	FALSE
0,089	0,286	0,003	0,011	0,123	FALSE
0,076	0,282	0,003	0,010	0,130	FALSE
-0,089	0,290	-0,002	0,009	0,089	FALSE
0,021	0,273	0,002	0,013	0,046	FALSE
-0,195	0,275	-0,013	0,015	0,389	FALSE
-0,021	0,283	-0,001	0,010	0,023	FALSE
0,026	0,287	0,001	0,015	0,019	FALSE
-0,170	0,282	-0,005	0,013	0,171	FALSE
-0,010	0,267	0,001	0,017	0,028	FALSE
0,044	0,277	0,002	0,016	0,057	FALSE
0,168	0,287	0,008	0,015	0,218	FALSE
0,119	0,264	0,003	0,010	0,112	FALSE
0,134	0,279	0,007	0,016	0,180	FALSE
-0,154	0,273	-0,005	0,014	0,140	FALSE
-0,103	0,296	-0,004	0,011	0,130	FALSE
0,087	0,281	0,006	0,015	0,166	FALSE
-0,033	0,284	-0,003	0,017	0,071	FALSE
-0,064	0,291	-0,003	0,014	0,078	FALSE
0,004	0,273	0,002	0,014	0,050	FALSE
-0,070	0,287	-0,003	0,013	0,088	FALSE
-0,090	0,288	-0,004	0,010	0,170	FALSE
-0,059	0,277	-0,002	0,012	0,060	FALSE
-0,009	0,293	-0,001	0,013	0,015	FALSE
-0,168	0,288	-0,006	0,011	0,218	FALSE
0,026	0,270	0,000	0,009	0,017	FALSE
-0,080	0,280	-0,004	0,017	0,091	FALSE
0,119	0,290	0,006	0,013	0,171	FALSE
0,051	0,297	0,001	0,011	0,041	FALSE
0,037	0,295	0,002	0,018	0,034	FALSE
0,052	0,281	0,004	0,016	0,094	FALSE
0,295	0,265	0,017	0,017	0,518	FALSE
0,381	0,238	0,022	0,016	0,753	FALSE
-0,110	0,274	-0,003	0,011	0,120	FALSE
-0,018	0,283	0,000	0,011	0,008	FALSE
0,014	0,270	0,001	0,010	0,054	FALSE
0,174	0,278	0,008	0,013	0,262	FALSE
-0,008	0,302	0,001	0,013	0,027	FALSE
-0,209	0,272	-0,006	0,011	0,259	FALSE
0,021	0,287	0,001	0,014	0,040	FALSE
-0,163	0,281	-0,005	0,011	0,174	FALSE
-0,071	0,303	-0,002	0,009	0,086	FALSE
0,226	0,271	0,006	0,009	0,270	FALSE
0,043	0,294	0,002	0,013	0,057	FALSE
-0,016	0,275	-0,003	0,015	0,069	FALSE
0,083	0,271	0,005	0,013	0,156	FALSE
0,149	0,268	0,008	0,015	0,230	FALSE

-0,190	0,282	-0,005	0,009	0,245	FALSE
0,111	0,273	0,004	0,009	0,158	FALSE
-0,095	0,294	-0,001	0,009	0,035	FALSE
-0,231	0,286	-0,008	0,011	0,317	FALSE
-0,131	0,281	-0,003	0,013	0,090	FALSE
0,041	0,275	0,003	0,017	0,055	FALSE
-0,201	0,285	-0,007	0,013	0,227	FALSE
-0,093	0,291	-0,002	0,011	0,070	FALSE
-0,178	0,281	-0,007	0,015	0,180	FALSE
-0,035	0,283	-0,001	0,011	0,031	FALSE
-0,004	0,295	-0,001	0,015	0,031	FALSE
0,062	0,272	0,001	0,011	0,046	FALSE
-0,045	0,269	-0,003	0,016	0,073	FALSE
0,022	0,298	0,003	0,018	0,070	FALSE
-0,169	0,289	-0,008	0,015	0,228	FALSE
-0,168	0,291	-0,007	0,014	0,197	FALSE
0,099	0,274	0,005	0,014	0,132	FALSE
-0,117	0,296	-0,002	0,009	0,101	FALSE
0,003	0,278	-0,001	0,010	0,045	FALSE
-0,016	0,285	0,000	0,015	0,006	FALSE
-0,248	0,273	-0,012	0,014	0,387	FALSE
0,067	0,277	0,003	0,011	0,118	FALSE
-0,014	0,283	-0,001	0,009	0,035	FALSE
0,162	0,284	0,008	0,014	0,250	FALSE
0,148	0,287	0,006	0,013	0,191	FALSE
0,085	0,284	0,003	0,013	0,089	FALSE
0,083	0,286	0,005	0,016	0,132	FALSE
-0,037	0,301	-0,001	0,012	0,038	FALSE
0,005	0,286	0,000	0,011	0,003	FALSE
-0,007	0,282	-0,002	0,011	0,068	FALSE
0,063	0,267	0,003	0,016	0,075	FALSE
0,212	0,265	0,008	0,012	0,291	FALSE
0,041	0,283	0,003	0,017	0,058	FALSE
-0,009	0,288	0,000	0,011	0,004	FALSE
-0,131	0,288	-0,005	0,014	0,140	FALSE
0,098	0,281	0,005	0,017	0,106	FALSE
-0,157	0,290	-0,009	0,018	0,202	FALSE
-0,127	0,281	-0,004	0,013	0,128	FALSE
-0,084	0,286	-0,002	0,012	0,063	FALSE
0,224	0,261	0,011	0,011	0,501	FALSE
-0,058	0,295	-0,005	0,017	0,107	TRUE
-0,117	0,275	-0,007	0,016	0,188	FALSE
-0,099	0,296	-0,005	0,013	0,150	FALSE
0,016	0,287	-0,001	0,013	0,022	FALSE
-0,145	0,277	-0,003	0,009	0,119	FALSE
-0,113	0,292	-0,006	0,012	0,199	FALSE
-0,120	0,284	-0,006	0,012	0,209	FALSE
-0,096	0,286	-0,005	0,013	0,145	FALSE
0,105	0,277	0,005	0,016	0,125	FALSE
0,121	0,282	0,004	0,015	0,101	FALSE
-0,074	0,273	-0,002	0,018	0,042	FALSE
0,084	0,273	0,002	0,017	0,049	FALSE
0,077	0,278	0,001	0,017	0,026	FALSE

0,093	0,274	0,004	0,011	0,125	FALSE
0,023	0,290	0,001	0,011	0,027	FALSE
-0,003	0,282	0,001	0,011	0,030	FALSE
-0,020	0,276	0,001	0,010	0,029	FALSE
-0,013	0,290	0,000	0,013	0,006	FALSE
0,259	0,274	0,017	0,018	0,472	FALSE
-0,033	0,293	-0,001	0,009	0,041	FALSE
-0,088	0,287	-0,004	0,014	0,108	FALSE
-0,174	0,281	-0,006	0,010	0,278	FALSE
0,067	0,286	0,003	0,013	0,072	FALSE
0,085	0,281	0,003	0,010	0,102	FALSE
-0,075	0,284	-0,003	0,010	0,123	FALSE
0,036	0,270	0,002	0,016	0,038	FALSE
-0,004	0,300	-0,001	0,017	0,010	FALSE
0,004	0,299	0,000	0,018	0,003	FALSE
0,020	0,305	0,001	0,018	0,018	FALSE
0,006	0,290	0,000	0,017	0,003	FALSE
0,001	0,299	0,000	0,019	0,003	FALSE
0,009	0,287	0,001	0,017	0,013	FALSE
0,003	0,287	0,000	0,017	0,004	FALSE
0,018	0,294	0,001	0,017	0,030	FALSE
-0,008	0,295	0,000	0,018	0,007	FALSE
0,006	0,301	0,001	0,018	0,011	FALSE
-0,038	0,309	-0,002	0,018	0,046	FALSE
0,011	0,295	0,000	0,017	0,009	FALSE
0,013	0,282	0,001	0,014	0,026	FALSE
0,060	0,292	0,003	0,015	0,065	FALSE
-0,047	0,284	-0,002	0,017	0,042	FALSE
-0,191	0,291	-0,006	0,012	0,220	FALSE
0,029	0,277	0,003	0,012	0,081	FALSE
-0,019	0,293	-0,001	0,015	0,033	FALSE
-0,233	0,279	-0,012	0,016	0,339	FALSE
0,089	0,296	0,004	0,017	0,089	FALSE
-0,054	0,283	-0,001	0,012	0,021	FALSE
-0,126	0,284	-0,006	0,014	0,167	FALSE
-0,124	0,282	-0,007	0,017	0,159	FALSE
-0,114	0,279	-0,005	0,013	0,169	FALSE
-0,114	0,278	-0,006	0,015	0,147	FALSE
-0,126	0,284	-0,006	0,015	0,170	FALSE
0,009	0,282	-0,002	0,013	0,054	FALSE
0,126	0,291	0,007	0,014	0,202	FALSE
0,104	0,277	0,004	0,010	0,181	FALSE
0,096	0,281	0,003	0,010	0,104	FALSE
-0,133	0,299	-0,004	0,010	0,169	FALSE
0,061	0,278	0,006	0,015	0,151	FALSE
-0,072	0,284	-0,006	0,012	0,187	FALSE
-0,011	0,293	0,000	0,017	0,006	FALSE
0,057	0,279	0,003	0,010	0,112	FALSE
-0,195	0,276	-0,006	0,013	0,180	FALSE
-0,162	0,283	-0,004	0,013	0,108	FALSE
0,081	0,295	0,003	0,015	0,079	FALSE
0,166	0,272	0,004	0,009	0,178	FALSE
0,013	0,290	0,000	0,017	0,006	FALSE

0,015	0,287	0,001	0,016	0,025	FALSE
0,012	0,280	0,000	0,009	0,001	FALSE
0,033	0,259	-0,001	0,012	0,022	FALSE
0,187	0,274	0,012	0,016	0,358	FALSE
0,016	0,283	0,001	0,015	0,032	FALSE
0,138	0,275	0,005	0,015	0,135	FALSE
-0,034	0,303	0,001	0,011	0,026	FALSE
-0,068	0,292	-0,002	0,010	0,086	FALSE
-0,006	0,270	0,002	0,018	0,050	FALSE
0,048	0,272	0,000	0,010	0,010	FALSE
0,051	0,279	0,000	0,010	0,003	FALSE
-0,219	0,258	-0,008	0,012	0,283	FALSE
-0,043	0,280	0,000	0,011	0,010	FALSE
-0,056	0,272	-0,001	0,014	0,032	FALSE
-0,082	0,275	-0,004	0,017	0,095	FALSE
0,009	0,292	-0,001	0,011	0,017	FALSE
0,008	0,280	-0,002	0,010	0,071	FALSE
-0,098	0,291	-0,002	0,011	0,050	FALSE
0,020	0,283	-0,001	0,010	0,038	FALSE
-0,177	0,290	-0,011	0,017	0,280	FALSE
-0,126	0,288	-0,009	0,016	0,232	FALSE
-0,147	0,280	-0,004	0,009	0,174	FALSE
-0,181	0,278	-0,006	0,010	0,261	FALSE
0,129	0,272	0,005	0,017	0,121	FALSE
-0,174	0,286	-0,009	0,014	0,276	FALSE
0,015	0,288	0,000	0,015	0,009	FALSE
0,002	0,279	0,000	0,014	0,004	FALSE
0,156	0,276	0,013	0,016	0,369	FALSE
-0,093	0,277	-0,004	0,012	0,125	FALSE
0,135	0,294	0,012	0,018	0,288	FALSE
-0,059	0,301	-0,002	0,015	0,050	FALSE
0,141	0,285	0,004	0,011	0,144	FALSE
0,006	0,289	0,000	0,018	0,001	FALSE
0,071	0,279	0,001	0,017	0,019	FALSE
-0,028	0,284	0,000	0,015	0,004	FALSE
0,034	0,285	0,001	0,012	0,022	FALSE
-0,201	0,294	-0,011	0,018	0,247	FALSE
-0,055	0,291	0,000	0,009	0,003	FALSE
-0,059	0,276	-0,002	0,010	0,075	FALSE
-0,036	0,293	-0,003	0,014	0,072	FALSE
0,094	0,277	0,003	0,014	0,091	FALSE
-0,028	0,293	0,000	0,010	0,007	FALSE
-0,004	0,290	0,001	0,009	0,028	FALSE
0,165	0,271	0,009	0,013	0,302	FALSE
-0,033	0,281	-0,004	0,015	0,113	FALSE
-0,017	0,278	0,001	0,014	0,034	FALSE
0,016	0,286	0,002	0,012	0,067	FALSE
-0,061	0,278	-0,002	0,017	0,051	FALSE
-0,070	0,269	-0,002	0,015	0,042	FALSE
-0,058	0,285	-0,002	0,017	0,043	FALSE
-0,103	0,281	-0,007	0,014	0,195	FALSE
-0,087	0,275	-0,005	0,016	0,118	FALSE
0,063	0,265	0,005	0,016	0,136	FALSE

0,185	0,278	0,008	0,017	0,187	FALSE
-0,076	0,298	-0,001	0,012	0,043	FALSE
-0,227	0,283	-0,008	0,013	0,253	FALSE
0,204	0,264	0,009	0,017	0,225	FALSE
0,027	0,286	0,000	0,011	0,004	FALSE
0,133	0,289	0,006	0,017	0,146	FALSE
0,034	0,297	0,001	0,010	0,030	FALSE
0,117	0,262	0,004	0,014	0,118	FALSE
0,008	0,291	-0,001	0,017	0,016	FALSE
-0,079	0,288	-0,002	0,010	0,074	FALSE
-0,138	0,281	-0,008	0,016	0,200	FALSE
0,190	0,276	0,008	0,013	0,258	FALSE
-0,080	0,302	-0,004	0,012	0,123	FALSE
-0,012	0,289	0,001	0,011	0,027	FALSE
0,089	0,287	0,003	0,011	0,092	FALSE
0,014	0,289	0,002	0,016	0,043	FALSE
0,081	0,267	0,005	0,012	0,153	FALSE
0,071	0,280	0,004	0,012	0,129	FALSE
0,097	0,280	0,003	0,017	0,061	FALSE
0,100	0,297	0,002	0,018	0,039	FALSE
-0,065	0,299	0,000	0,010	0,016	FALSE
0,187	0,274	0,007	0,010	0,315	FALSE
-0,108	0,272	-0,005	0,010	0,213	FALSE
0,075	0,276	0,008	0,017	0,181	FALSE
-0,022	0,285	-0,001	0,011	0,034	FALSE
-0,105	0,287	-0,008	0,018	0,185	FALSE
-0,013	0,302	0,000	0,013	0,006	FALSE
-0,130	0,280	-0,004	0,011	0,167	FALSE
0,013	0,283	0,000	0,013	0,000	FALSE
0,069	0,285	0,002	0,014	0,049	FALSE
0,010	0,271	0,001	0,013	0,037	FALSE
-0,107	0,284	-0,002	0,009	0,095	FALSE
-0,098	0,295	-0,006	0,018	0,140	FALSE
0,090	0,295	0,003	0,012	0,098	FALSE
0,017	0,282	-0,001	0,009	0,031	FALSE
0,124	0,275	0,004	0,010	0,157	FALSE
0,052	0,290	0,002	0,012	0,073	FALSE
-0,065	0,261	-0,002	0,015	0,063	FALSE
-0,035	0,271	-0,001	0,015	0,032	FALSE
-0,037	0,271	-0,002	0,017	0,054	FALSE
-0,016	0,283	0,000	0,015	0,002	FALSE
-0,069	0,297	-0,002	0,013	0,065	FALSE
-0,075	0,291	-0,004	0,017	0,081	FALSE
-0,095	0,280	-0,005	0,016	0,136	FALSE
0,005	0,292	0,000	0,018	0,004	FALSE
-0,063	0,294	-0,001	0,010	0,021	FALSE
0,007	0,277	0,000	0,009	0,010	FALSE
0,079	0,272	0,003	0,014	0,078	FALSE
0,082	0,265	0,006	0,016	0,146	FALSE
0,018	0,284	0,000	0,012	0,011	FALSE
-0,220	0,277	-0,011	0,016	0,302	FALSE
0,256	0,259	0,010	0,014	0,316	FALSE
-0,225	0,273	-0,011	0,016	0,311	FALSE

-0,227	0,279	-0,013	0,017	0,333	FALSE
-0,222	0,281	-0,011	0,017	0,280	FALSE
0,057	0,285	0,004	0,009	0,166	FALSE
-0,070	0,289	-0,001	0,009	0,025	FALSE
0,017	0,286	-0,001	0,010	0,050	FALSE
0,136	0,280	0,005	0,011	0,192	FALSE
0,017	0,271	0,002	0,010	0,072	FALSE
-0,129	0,290	-0,004	0,008	0,177	FALSE
0,215	0,262	0,008	0,015	0,243	FALSE
0,173	0,265	0,006	0,015	0,173	FALSE
-0,016	0,286	-0,001	0,008	0,027	FALSE
-0,178	0,275	-0,012	0,016	0,318	FALSE
-0,175	0,268	-0,011	0,015	0,334	FALSE
-0,007	0,291	0,000	0,009	0,017	FALSE
-0,015	0,280	-0,005	0,018	0,102	FALSE
-0,033	0,307	0,000	0,010	0,003	FALSE
0,002	0,285	0,002	0,013	0,060	FALSE
0,150	0,278	0,004	0,012	0,122	FALSE
-0,065	0,273	-0,001	0,009	0,039	FALSE
-0,269	0,257	-0,014	0,015	0,447	FALSE
-0,104	0,272	-0,003	0,012	0,102	FALSE
0,028	0,293	0,001	0,009	0,033	FALSE
-0,143	0,268	-0,004	0,010	0,146	FALSE
0,062	0,275	0,002	0,010	0,067	FALSE
-0,114	0,280	-0,005	0,014	0,146	FALSE
0,131	0,279	0,004	0,008	0,195	FALSE
0,186	0,261	0,006	0,010	0,261	FALSE
0,016	0,279	0,000	0,011	0,005	FALSE
0,072	0,277	0,002	0,010	0,057	FALSE
-0,117	0,279	-0,004	0,013	0,131	FALSE
0,078	0,275	0,003	0,017	0,064	FALSE
-0,099	0,294	-0,002	0,009	0,088	FALSE
0,094	0,279	0,004	0,017	0,094	FALSE
0,137	0,265	0,005	0,010	0,179	FALSE
0,099	0,261	0,004	0,011	0,141	FALSE
0,113	0,264	0,004	0,011	0,150	FALSE
-0,053	0,285	-0,001	0,015	0,035	FALSE
0,099	0,282	0,005	0,017	0,112	FALSE
0,103	0,254	0,004	0,011	0,152	FALSE
0,010	0,289	0,001	0,009	0,029	FALSE
-0,097	0,278	-0,008	0,017	0,194	FALSE
-0,102	0,292	-0,003	0,010	0,127	FALSE
0,130	0,284	0,004	0,010	0,145	FALSE
-0,014	0,279	0,000	0,011	0,008	FALSE
-0,114	0,293	-0,006	0,017	0,142	FALSE
0,014	0,274	0,001	0,012	0,038	FALSE
-0,004	0,289	-0,001	0,009	0,034	FALSE
0,031	0,283	0,001	0,009	0,047	FALSE
-0,025	0,260	-0,002	0,008	0,092	FALSE
-0,153	0,287	-0,009	0,013	0,294	FALSE
-0,056	0,298	-0,002	0,010	0,074	FALSE
0,239	0,264	0,010	0,013	0,374	FALSE
-0,178	0,279	-0,010	0,017	0,237	FALSE

-0,024	0,279	-0,004	0,016	0,088	FALSE
0,147	0,265	0,005	0,010	0,202	FALSE
0,128	0,286	0,006	0,013	0,172	FALSE
0,139	0,275	0,005	0,014	0,147	FALSE
-0,001	0,295	-0,001	0,010	0,020	FALSE
0,034	0,298	0,001	0,017	0,027	FALSE
-0,146	0,282	-0,005	0,013	0,159	FALSE
0,106	0,273	0,008	0,017	0,202	FALSE
0,060	0,273	0,007	0,016	0,164	FALSE
0,034	0,273	0,001	0,010	0,025	FALSE
-0,012	0,278	-0,003	0,015	0,065	FALSE
-0,129	0,284	-0,004	0,011	0,158	FALSE
0,137	0,280	0,007	0,017	0,158	FALSE
0,216	0,276	0,009	0,013	0,296	FALSE
-0,077	0,284	-0,004	0,013	0,107	FALSE
0,026	0,302	0,000	0,016	0,003	FALSE
-0,177	0,278	-0,005	0,009	0,247	FALSE
0,073	0,268	0,004	0,010	0,149	FALSE
0,104	0,286	0,006	0,016	0,163	FALSE
0,004	0,281	0,001	0,013	0,018	FALSE
0,043	0,291	0,002	0,011	0,062	FALSE
0,078	0,294	0,002	0,010	0,055	FALSE
0,158	0,266	0,007	0,013	0,209	FALSE
0,207	0,265	0,006	0,009	0,262	FALSE
0,184	0,261	0,005	0,008	0,239	FALSE
0,025	0,274	0,001	0,012	0,031	FALSE
0,092	0,280	0,006	0,015	0,147	FALSE
0,223	0,274	0,012	0,014	0,395	FALSE
-0,046	0,281	-0,002	0,008	0,093	FALSE
-0,118	0,282	-0,003	0,009	0,152	FALSE
0,072	0,295	0,003	0,012	0,112	FALSE
0,026	0,286	0,000	0,012	0,002	FALSE
0,128	0,277	0,005	0,013	0,168	FALSE
-0,249	0,278	-0,009	0,012	0,344	FALSE
-0,077	0,290	-0,006	0,017	0,138	FALSE
-0,040	0,281	-0,002	0,013	0,056	FALSE
0,037	0,271	0,001	0,011	0,048	FALSE
0,009	0,281	0,002	0,009	0,093	FALSE
-0,036	0,268	-0,002	0,015	0,052	FALSE
-0,068	0,295	-0,003	0,014	0,067	FALSE
0,032	0,298	0,002	0,016	0,048	FALSE
0,079	0,297	0,005	0,016	0,135	FALSE
0,068	0,288	0,004	0,011	0,138	FALSE
0,023	0,282	0,001	0,012	0,037	FALSE
-0,098	0,289	-0,002	0,013	0,062	FALSE
0,024	0,283	-0,001	0,013	0,016	FALSE
0,064	0,289	0,003	0,009	0,121	FALSE
-0,055	0,295	-0,001	0,010	0,050	FALSE
0,178	0,285	0,009	0,015	0,253	FALSE
-0,146	0,282	-0,003	0,009	0,127	FALSE
0,175	0,281	0,009	0,014	0,288	FALSE
-0,042	0,285	-0,002	0,008	0,079	FALSE
0,033	0,279	0,001	0,009	0,044	FALSE

0,179	0,274	0,007	0,014	0,211	FALSE
0,197	0,280	0,007	0,011	0,274	FALSE
-0,119	0,290	-0,005	0,015	0,123	FALSE
0,036	0,266	0,001	0,012	0,034	FALSE
0,078	0,275	0,002	0,009	0,067	FALSE
0,115	0,268	0,006	0,017	0,155	FALSE
0,112	0,278	0,007	0,016	0,165	FALSE
-0,131	0,280	-0,007	0,015	0,194	FALSE
-0,021	0,279	-0,003	0,017	0,055	FALSE
-0,017	0,287	-0,002	0,016	0,040	FALSE
-0,056	0,295	-0,002	0,010	0,089	FALSE
-0,037	0,289	-0,001	0,009	0,053	FALSE
-0,056	0,298	-0,002	0,011	0,083	FALSE
0,045	0,280	0,001	0,010	0,020	FALSE
-0,001	0,277	0,002	0,013	0,055	FALSE
-0,108	0,296	-0,003	0,010	0,112	FALSE
-0,109	0,271	-0,004	0,015	0,090	FALSE
0,059	0,291	0,002	0,017	0,038	FALSE
-0,088	0,286	-0,003	0,015	0,074	FALSE
-0,061	0,296	-0,002	0,009	0,077	FALSE
-0,166	0,274	-0,005	0,011	0,191	FALSE
-0,046	0,296	-0,002	0,009	0,063	FALSE
-0,151	0,278	-0,006	0,011	0,232	FALSE
0,086	0,267	0,003	0,011	0,101	FALSE
-0,092	0,283	-0,005	0,016	0,128	FALSE
0,066	0,295	0,001	0,017	0,012	FALSE
0,124	0,292	0,005	0,014	0,132	FALSE
-0,045	0,292	-0,002	0,013	0,063	FALSE
-0,104	0,265	-0,003	0,013	0,103	FALSE
0,048	0,284	0,002	0,017	0,052	FALSE
0,172	0,269	0,009	0,017	0,227	FALSE
0,051	0,298	0,001	0,012	0,030	FALSE
0,038	0,284	0,000	0,013	0,000	FALSE
-0,130	0,285	-0,005	0,017	0,130	FALSE
0,010	0,284	0,000	0,012	0,007	FALSE
-0,142	0,276	-0,003	0,009	0,133	FALSE
-0,128	0,276	-0,003	0,010	0,118	FALSE
0,121	0,287	0,005	0,011	0,163	FALSE
-0,003	0,280	-0,001	0,015	0,035	FALSE
0,145	0,275	0,007	0,012	0,257	FALSE
-0,095	0,294	-0,003	0,011	0,102	FALSE
-0,191	0,288	-0,010	0,017	0,243	FALSE
-0,159	0,282	-0,010	0,018	0,238	FALSE
0,358	0,256	0,019	0,014	0,739	FALSE
-0,210	0,289	-0,007	0,010	0,279	FALSE
-0,057	0,287	-0,004	0,015	0,103	FALSE
0,047	0,278	0,001	0,016	0,019	FALSE
-0,062	0,286	-0,004	0,014	0,118	FALSE
0,150	0,288	0,006	0,013	0,197	FALSE
0,056	0,275	0,002	0,014	0,046	FALSE
0,132	0,287	0,006	0,014	0,176	FALSE
0,102	0,274	0,003	0,010	0,109	FALSE
-0,010	0,280	0,001	0,014	0,026	FALSE

0,226	0,274	0,011	0,016	0,338	FALSE
0,195	0,270	0,011	0,017	0,277	FALSE
-0,135	0,276	-0,007	0,013	0,232	FALSE
-0,024	0,279	-0,002	0,014	0,048	FALSE
0,249	0,280	0,016	0,018	0,425	FALSE
0,182	0,278	0,010	0,014	0,333	FALSE
0,106	0,281	0,004	0,013	0,136	FALSE
0,100	0,285	0,004	0,012	0,119	FALSE
0,064	0,273	0,001	0,013	0,019	FALSE
0,037	0,282	-0,001	0,013	0,027	FALSE
0,031	0,283	-0,001	0,015	0,012	FALSE
-0,013	0,287	0,000	0,013	0,010	FALSE
-0,051	0,284	-0,003	0,015	0,091	FALSE
0,157	0,272	0,004	0,009	0,182	FALSE
0,066	0,272	0,003	0,013	0,074	FALSE
0,111	0,280	0,004	0,010	0,174	FALSE
0,120	0,276	0,006	0,015	0,176	FALSE
0,000	0,279	0,000	0,010	0,007	FALSE
0,085	0,277	0,006	0,017	0,133	FALSE
0,081	0,286	0,004	0,016	0,089	FALSE
0,130	0,274	0,005	0,009	0,261	FALSE
-0,090	0,274	-0,004	0,011	0,154	FALSE
-0,036	0,290	-0,002	0,017	0,036	FALSE
-0,040	0,286	-0,002	0,010	0,054	FALSE
0,086	0,278	0,008	0,016	0,220	FALSE
-0,058	0,280	-0,001	0,012	0,040	FALSE
-0,230	0,272	-0,011	0,013	0,383	FALSE
-0,036	0,278	-0,001	0,011	0,040	FALSE
0,061	0,283	0,004	0,014	0,120	FALSE
-0,098	0,287	-0,003	0,013	0,091	FALSE
0,154	0,258	0,008	0,014	0,241	FALSE
0,014	0,286	-0,003	0,017	0,063	FALSE
0,077	0,269	0,002	0,013	0,046	FALSE
-0,092	0,280	-0,003	0,009	0,132	FALSE
-0,047	0,279	-0,003	0,013	0,078	FALSE
0,096	0,289	0,003	0,010	0,121	FALSE
-0,039	0,282	-0,003	0,015	0,075	FALSE
0,025	0,287	0,000	0,011	0,004	FALSE
-0,049	0,289	0,001	0,009	0,020	FALSE
-0,011	0,288	0,001	0,009	0,038	FALSE
-0,122	0,278	-0,007	0,015	0,195	FALSE
-0,015	0,294	-0,001	0,017	0,024	FALSE
-0,140	0,286	-0,005	0,009	0,214	FALSE
-0,037	0,290	0,000	0,010	0,005	FALSE
0,190	0,263	0,008	0,016	0,190	FALSE
-0,005	0,293	-0,001	0,009	0,022	FALSE
0,226	0,283	0,009	0,013	0,323	FALSE
0,222	0,289	0,013	0,017	0,347	FALSE
-0,055	0,286	-0,004	0,018	0,079	FALSE
-0,086	0,280	-0,005	0,014	0,150	FALSE
0,023	0,292	0,001	0,011	0,019	FALSE
-0,011	0,275	-0,001	0,012	0,041	FALSE
0,040	0,304	0,002	0,013	0,063	FALSE

0,113	0,308	0,006	0,018	0,125	FALSE
0,024	0,290	0,002	0,017	0,033	FALSE
0,167	0,283	0,007	0,014	0,202	FALSE
-0,091	0,289	-0,003	0,012	0,091	FALSE
0,178	0,273	0,007	0,013	0,225	FALSE
0,186	0,270	0,007	0,014	0,199	FALSE
0,038	0,288	0,002	0,012	0,058	FALSE
0,004	0,283	-0,001	0,016	0,011	FALSE
-0,052	0,280	-0,004	0,012	0,117	FALSE
0,070	0,274	0,004	0,011	0,137	FALSE
-0,091	0,281	-0,001	0,011	0,046	FALSE
0,082	0,280	0,006	0,017	0,132	FALSE
0,065	0,291	0,002	0,012	0,049	FALSE
-0,125	0,271	-0,009	0,016	0,230	FALSE
0,039	0,276	0,000	0,009	0,007	FALSE
0,052	0,286	0,001	0,009	0,044	FALSE
0,006	0,274	0,000	0,016	0,007	FALSE
0,043	0,296	0,002	0,017	0,033	FALSE
-0,034	0,298	-0,001	0,009	0,028	FALSE
0,108	0,272	0,005	0,014	0,137	FALSE
-0,049	0,285	-0,001	0,008	0,068	FALSE
-0,156	0,281	-0,008	0,017	0,187	FALSE
0,035	0,282	0,001	0,013	0,041	FALSE
0,133	0,272	0,008	0,018	0,191	FALSE
-0,078	0,285	-0,005	0,017	0,107	FALSE
0,203	0,262	0,009	0,015	0,262	FALSE
0,051	0,273	0,005	0,013	0,141	FALSE
0,021	0,280	0,002	0,013	0,066	FALSE
-0,068	0,282	-0,002	0,009	0,070	FALSE
-0,170	0,281	-0,004	0,009	0,191	FALSE
0,148	0,289	0,006	0,010	0,270	FALSE
-0,070	0,275	-0,006	0,017	0,133	FALSE
-0,004	0,281	-0,001	0,011	0,042	FALSE
-0,035	0,273	0,000	0,014	0,004	FALSE
-0,062	0,298	-0,001	0,011	0,045	FALSE
-0,120	0,306	-0,002	0,010	0,087	FALSE
0,149	0,273	0,007	0,013	0,224	FALSE
-0,018	0,275	-0,001	0,011	0,024	FALSE
-0,016	0,286	-0,002	0,016	0,051	FALSE
-0,061	0,289	-0,007	0,017	0,154	FALSE
0,140	0,288	0,010	0,017	0,238	FALSE
-0,087	0,270	-0,003	0,015	0,071	FALSE
0,034	0,292	0,001	0,017	0,017	FALSE
-0,019	0,294	-0,002	0,011	0,049	FALSE
0,019	0,290	0,001	0,010	0,039	FALSE
0,084	0,302	0,005	0,010	0,210	FALSE
0,078	0,268	0,004	0,014	0,116	FALSE
-0,004	0,282	-0,001	0,013	0,034	FALSE
0,080	0,278	0,002	0,008	0,085	FALSE
0,020	0,285	0,001	0,010	0,039	FALSE
0,043	0,280	0,001	0,009	0,036	FALSE
0,002	0,294	-0,001	0,015	0,017	FALSE
0,068	0,285	0,001	0,010	0,051	FALSE

0,046	0,301	0,001	0,011	0,030	FALSE
0,012	0,298	0,000	0,014	0,006	FALSE
0,044	0,284	0,001	0,013	0,020	FALSE
-0,121	0,294	-0,004	0,010	0,174	FALSE
-0,145	0,284	-0,005	0,010	0,224	FALSE
0,074	0,302	0,003	0,009	0,152	FALSE
-0,104	0,291	-0,006	0,014	0,161	FALSE
-0,026	0,292	0,000	0,009	0,006	FALSE
-0,049	0,298	-0,006	0,018	0,142	FALSE
-0,163	0,281	-0,007	0,010	0,296	FALSE
0,133	0,278	0,004	0,011	0,145	FALSE
-0,066	0,282	-0,005	0,016	0,112	FALSE
-0,006	0,281	0,000	0,011	0,004	FALSE
0,172	0,279	0,007	0,016	0,169	FALSE
0,249	0,263	0,007	0,011	0,259	FALSE
0,050	0,295	0,001	0,018	0,029	FALSE
-0,081	0,293	-0,002	0,011	0,053	FALSE
-0,071	0,294	-0,001	0,011	0,040	FALSE
0,068	0,278	0,002	0,011	0,074	FALSE
0,198	0,279	0,006	0,016	0,166	FALSE
0,129	0,288	0,006	0,017	0,135	FALSE
0,158	0,269	0,005	0,012	0,158	FALSE
0,069	0,281	0,002	0,009	0,095	FALSE
-0,111	0,282	-0,004	0,011	0,145	FALSE
0,031	0,266	-0,002	0,017	0,035	FALSE
-0,044	0,292	-0,003	0,017	0,062	FALSE
0,060	0,274	0,000	0,009	0,012	FALSE
-0,022	0,275	0,001	0,016	0,026	FALSE
-0,003	0,297	-0,002	0,018	0,031	FALSE
-0,207	0,281	-0,008	0,011	0,326	FALSE
0,043	0,261	0,002	0,012	0,058	FALSE
0,077	0,278	0,004	0,017	0,080	FALSE
-0,058	0,276	-0,002	0,009	0,069	FALSE
-0,097	0,290	-0,003	0,010	0,115	FALSE
0,087	0,293	0,004	0,017	0,082	FALSE
0,024	0,283	0,000	0,013	0,003	FALSE
0,115	0,283	0,004	0,009	0,161	FALSE
-0,010	0,270	0,001	0,014	0,015	FALSE
0,076	0,290	0,002	0,010	0,070	FALSE
-0,069	0,291	-0,005	0,016	0,130	FALSE
0,108	0,282	0,004	0,015	0,112	FALSE
-0,122	0,295	-0,006	0,014	0,162	FALSE
0,019	0,295	0,002	0,016	0,054	FALSE
-0,102	0,272	-0,002	0,011	0,081	FALSE
0,015	0,292	0,002	0,015	0,038	FALSE
-0,130	0,277	-0,004	0,012	0,136	FALSE
-0,015	0,289	-0,001	0,013	0,013	FALSE
0,103	0,291	0,005	0,017	0,113	FALSE
-0,047	0,289	0,000	0,011	0,006	FALSE
-0,056	0,292	-0,002	0,011	0,070	FALSE
0,127	0,281	0,006	0,014	0,165	FALSE
-0,078	0,290	-0,008	0,017	0,183	FALSE
-0,041	0,288	-0,001	0,010	0,051	FALSE

0,045	0,292	0,002	0,013	0,042	FALSE
-0,011	0,275	0,001	0,011	0,037	FALSE
-0,027	0,289	-0,001	0,009	0,034	FALSE
0,013	0,286	0,001	0,012	0,038	FALSE
0,118	0,286	0,002	0,009	0,107	FALSE
0,024	0,275	0,004	0,017	0,078	FALSE
-0,098	0,286	-0,003	0,011	0,096	FALSE
-0,039	0,288	-0,002	0,013	0,062	FALSE
0,011	0,281	-0,002	0,015	0,037	FALSE
0,178	0,272	0,009	0,012	0,324	FALSE
-0,083	0,270	-0,003	0,013	0,093	FALSE
-0,136	0,286	-0,004	0,010	0,160	FALSE
0,224	0,278	0,007	0,009	0,351	FALSE
0,100	0,282	0,003	0,012	0,114	FALSE
-0,213	0,269	-0,010	0,015	0,277	FALSE
0,192	0,266	0,006	0,011	0,264	FALSE
-0,018	0,288	-0,001	0,011	0,021	FALSE
-0,168	0,284	-0,005	0,010	0,212	FALSE
-0,017	0,293	-0,002	0,012	0,047	FALSE
-0,179	0,270	-0,010	0,016	0,290	FALSE
-0,070	0,282	-0,003	0,016	0,081	FALSE
-0,135	0,282	-0,004	0,009	0,188	FALSE
0,023	0,275	0,002	0,016	0,046	FALSE
0,066	0,277	0,006	0,015	0,155	FALSE
-0,018	0,286	-0,002	0,009	0,095	FALSE
-0,013	0,311	-0,001	0,012	0,032	FALSE
-0,093	0,297	-0,003	0,009	0,133	FALSE
0,080	0,281	0,004	0,012	0,122	FALSE
-0,009	0,299	-0,001	0,016	0,020	FALSE
0,037	0,284	0,002	0,013	0,061	FALSE
-0,101	0,292	-0,003	0,018	0,070	FALSE
-0,103	0,281	-0,004	0,018	0,083	FALSE
-0,106	0,285	-0,005	0,017	0,109	FALSE
0,175	0,268	0,010	0,014	0,304	FALSE
0,075	0,276	0,004	0,016	0,085	FALSE
-0,066	0,288	-0,003	0,009	0,113	FALSE
-0,057	0,284	-0,001	0,009	0,040	FALSE
-0,042	0,286	-0,001	0,016	0,032	FALSE
0,087	0,277	0,004	0,014	0,126	FALSE
-0,110	0,288	-0,005	0,011	0,200	FALSE
0,151	0,286	0,004	0,009	0,175	FALSE
-0,069	0,291	-0,002	0,011	0,056	FALSE
-0,090	0,280	-0,005	0,018	0,099	FALSE
-0,057	0,280	-0,001	0,011	0,040	FALSE
0,088	0,268	0,007	0,016	0,170	FALSE
-0,157	0,284	-0,007	0,015	0,184	FALSE
-0,010	0,269	-0,001	0,011	0,019	FALSE
-0,091	0,289	-0,004	0,017	0,083	FALSE
-0,045	0,281	-0,004	0,016	0,104	FALSE
-0,019	0,291	-0,001	0,010	0,039	FALSE
-0,063	0,294	-0,002	0,009	0,085	FALSE
-0,270	0,261	-0,011	0,012	0,462	FALSE
0,186	0,281	0,008	0,013	0,258	FALSE

-0,070	0,294	-0,005	0,018	0,104	FALSE
-0,062	0,286	-0,003	0,010	0,103	FALSE
-0,090	0,282	-0,004	0,010	0,136	FALSE
-0,248	0,262	-0,015	0,017	0,414	FALSE
-0,236	0,270	-0,015	0,017	0,396	FALSE
-0,108	0,264	-0,003	0,012	0,085	FALSE
-0,046	0,284	-0,001	0,009	0,035	FALSE
-0,043	0,278	-0,003	0,012	0,081	FALSE
0,176	0,271	0,009	0,016	0,236	FALSE
-0,021	0,281	0,000	0,009	0,006	FALSE
-0,087	0,280	-0,002	0,011	0,078	FALSE
0,050	0,282	0,001	0,012	0,031	FALSE
0,059	0,281	0,003	0,012	0,108	FALSE
0,016	0,285	0,002	0,016	0,050	FALSE
-0,005	0,292	-0,001	0,009	0,025	FALSE
0,040	0,279	0,001	0,009	0,021	FALSE
-0,090	0,284	-0,003	0,010	0,115	FALSE
-0,182	0,284	-0,011	0,018	0,261	FALSE
0,103	0,292	0,006	0,017	0,144	FALSE
0,136	0,277	0,005	0,011	0,177	FALSE
0,343	0,259	0,018	0,015	0,638	FALSE
0,104	0,283	0,002	0,011	0,080	FALSE
-0,009	0,283	-0,002	0,015	0,058	FALSE
-0,087	0,274	-0,006	0,015	0,148	FALSE
-0,041	0,280	-0,002	0,012	0,052	FALSE
-0,029	0,285	-0,002	0,012	0,047	FALSE
0,031	0,284	0,000	0,012	0,003	FALSE
0,027	0,292	0,000	0,012	0,003	FALSE
-0,008	0,285	-0,003	0,017	0,074	FALSE
-0,027	0,280	-0,004	0,017	0,098	FALSE
-0,033	0,292	-0,005	0,017	0,104	FALSE
-0,154	0,289	-0,005	0,010	0,201	FALSE
0,083	0,287	0,004	0,010	0,164	FALSE
-0,151	0,283	-0,003	0,010	0,131	FALSE
0,049	0,279	0,003	0,018	0,067	FALSE
-0,169	0,289	-0,005	0,009	0,237	FALSE
0,050	0,293	0,001	0,010	0,054	FALSE
-0,077	0,282	-0,002	0,009	0,079	FALSE
-0,016	0,289	-0,001	0,009	0,030	FALSE
0,103	0,288	0,004	0,013	0,115	FALSE
-0,062	0,276	-0,002	0,010	0,063	FALSE
-0,166	0,276	-0,004	0,010	0,190	FALSE
-0,020	0,274	-0,001	0,010	0,028	FALSE
-0,045	0,283	-0,002	0,012	0,056	FALSE
0,119	0,280	0,004	0,016	0,098	FALSE
0,137	0,278	0,005	0,015	0,126	FALSE
-0,111	0,268	-0,008	0,017	0,193	FALSE
0,022	0,291	-0,001	0,010	0,026	FALSE
0,120	0,276	0,006	0,016	0,157	FALSE
0,043	0,293	0,003	0,016	0,068	FALSE
-0,029	0,285	-0,002	0,015	0,057	FALSE
-0,038	0,283	-0,001	0,011	0,017	FALSE
-0,050	0,284	-0,002	0,010	0,062	FALSE

0,081	0,280	0,004	0,016	0,093	FALSE
0,030	0,274	0,001	0,016	0,031	FALSE
0,054	0,280	0,002	0,011	0,073	FALSE
0,031	0,287	0,001	0,010	0,039	FALSE
0,251	0,275	0,010	0,011	0,417	FALSE
0,172	0,288	0,006	0,009	0,292	FALSE
-0,130	0,262	-0,006	0,015	0,176	FALSE
0,281	0,265	0,014	0,016	0,397	FALSE
0,032	0,294	0,002	0,010	0,081	FALSE
0,020	0,283	0,002	0,009	0,068	FALSE
-0,049	0,283	0,000	0,013	0,003	FALSE
-0,014	0,280	0,002	0,009	0,066	FALSE
0,064	0,268	0,005	0,016	0,134	FALSE
0,165	0,282	0,007	0,013	0,222	FALSE
-0,202	0,291	-0,007	0,010	0,283	FALSE
-0,111	0,288	-0,006	0,012	0,201	FALSE
0,191	0,286	0,009	0,013	0,294	FALSE
0,068	0,271	0,002	0,009	0,095	FALSE
-0,174	0,282	-0,011	0,017	0,289	FALSE
-0,042	0,286	-0,002	0,009	0,063	FALSE
-0,255	0,271	-0,017	0,018	0,458	FALSE
-0,089	0,289	-0,002	0,010	0,081	FALSE
-0,138	0,276	-0,007	0,011	0,300	FALSE
-0,091	0,273	-0,001	0,011	0,026	FALSE
0,017	0,290	-0,001	0,017	0,015	FALSE
0,019	0,297	0,003	0,016	0,059	FALSE
0,074	0,284	0,000	0,017	0,004	FALSE
-0,037	0,272	-0,001	0,012	0,024	FALSE
0,059	0,278	0,003	0,011	0,109	FALSE
-0,105	0,291	-0,004	0,012	0,145	FALSE
0,010	0,295	0,002	0,012	0,075	FALSE
0,032	0,284	0,001	0,010	0,044	FALSE
0,028	0,278	0,001	0,010	0,028	FALSE
-0,025	0,286	-0,002	0,017	0,047	FALSE
0,015	0,286	-0,001	0,009	0,021	FALSE
-0,093	0,289	-0,002	0,010	0,063	FALSE
-0,034	0,294	-0,002	0,013	0,055	FALSE
-0,077	0,276	-0,002	0,010	0,091	FALSE
0,167	0,283	0,008	0,016	0,196	FALSE
-0,034	0,292	0,000	0,009	0,002	FALSE
-0,175	0,274	-0,007	0,012	0,247	FALSE
-0,123	0,269	-0,004	0,014	0,113	FALSE
0,019	0,285	0,002	0,010	0,068	FALSE
-0,098	0,280	-0,002	0,012	0,060	FALSE
-0,087	0,279	-0,001	0,012	0,045	FALSE
0,073	0,277	0,001	0,017	0,020	FALSE
0,071	0,272	0,004	0,016	0,094	FALSE
-0,080	0,288	-0,002	0,010	0,090	FALSE
-0,065	0,265	-0,008	0,016	0,214	FALSE
0,022	0,268	0,000	0,008	0,001	FALSE
0,207	0,261	0,004	0,008	0,206	FALSE
0,037	0,288	0,002	0,015	0,056	FALSE
-0,064	0,294	-0,003	0,010	0,100	FALSE

0,031	0,297	0,001	0,011	0,041	FALSE
0,023	0,288	0,002	0,015	0,038	FALSE
0,074	0,294	0,003	0,010	0,119	FALSE
0,038	0,294	-0,001	0,017	0,012	FALSE
-0,004	0,282	0,000	0,008	0,007	FALSE
-0,082	0,283	-0,005	0,016	0,110	FALSE
-0,057	0,292	-0,006	0,015	0,157	FALSE
-0,058	0,277	-0,006	0,015	0,165	FALSE
0,073	0,282	0,001	0,012	0,030	FALSE
-0,092	0,301	-0,002	0,013	0,063	FALSE
-0,052	0,285	-0,001	0,011	0,037	FALSE
0,101	0,287	0,004	0,010	0,193	FALSE
-0,036	0,291	-0,001	0,013	0,030	FALSE
0,066	0,272	0,002	0,013	0,044	FALSE
-0,097	0,289	-0,004	0,014	0,119	FALSE
0,011	0,285	0,001	0,010	0,044	FALSE
-0,074	0,276	-0,003	0,014	0,084	FALSE
0,065	0,275	0,004	0,012	0,143	FALSE
0,086	0,278	0,004	0,013	0,128	FALSE
-0,100	0,275	-0,007	0,017	0,166	FALSE
-0,056	0,278	-0,005	0,017	0,109	FALSE
0,138	0,282	0,004	0,010	0,174	FALSE
-0,134	0,269	-0,004	0,009	0,164	FALSE
0,027	0,271	0,002	0,015	0,046	FALSE
-0,047	0,279	-0,002	0,016	0,035	FALSE
0,200	0,264	0,005	0,010	0,228	FALSE
0,035	0,274	0,001	0,015	0,030	FALSE
0,116	0,274	0,005	0,013	0,162	FALSE
0,018	0,301	0,001	0,014	0,019	FALSE
-0,013	0,285	0,000	0,014	0,009	FALSE
-0,133	0,279	-0,005	0,009	0,211	FALSE
-0,127	0,275	-0,008	0,016	0,200	FALSE
-0,089	0,274	-0,004	0,014	0,100	FALSE
-0,014	0,282	-0,001	0,017	0,013	FALSE
-0,097	0,274	-0,004	0,010	0,170	FALSE
0,095	0,290	0,003	0,010	0,096	FALSE
0,157	0,287	0,006	0,016	0,159	FALSE
0,111	0,287	0,005	0,011	0,178	FALSE
0,205	0,272	0,006	0,013	0,206	FALSE
-0,005	0,285	-0,001	0,013	0,022	FALSE
-0,135	0,284	-0,004	0,010	0,152	FALSE
0,074	0,288	0,003	0,014	0,081	FALSE
-0,062	0,269	-0,004	0,018	0,081	FALSE
-0,058	0,258	-0,004	0,017	0,101	FALSE
-0,122	0,288	-0,008	0,017	0,200	FALSE
0,002	0,280	0,002	0,015	0,042	FALSE
-0,063	0,289	-0,005	0,017	0,105	FALSE
-0,106	0,288	-0,007	0,017	0,170	FALSE
0,063	0,284	0,003	0,015	0,065	FALSE
0,125	0,276	0,003	0,010	0,131	FALSE
0,117	0,279	0,003	0,011	0,114	FALSE
0,249	0,286	0,010	0,012	0,377	FALSE
-0,088	0,285	-0,002	0,009	0,098	FALSE

-0,127	0,271	-0,005	0,017	0,118	FALSE
-0,024	0,284	-0,001	0,016	0,027	FALSE
0,046	0,286	0,003	0,016	0,063	FALSE
0,046	0,285	0,003	0,016	0,075	FALSE
0,039	0,287	0,003	0,016	0,064	FALSE
0,010	0,284	0,000	0,017	0,008	FALSE
0,030	0,278	0,002	0,016	0,055	FALSE
0,072	0,288	0,004	0,016	0,084	FALSE
-0,127	0,280	-0,005	0,013	0,170	FALSE
-0,025	0,280	0,001	0,017	0,019	FALSE
-0,033	0,279	0,000	0,009	0,007	FALSE
0,037	0,288	0,001	0,010	0,034	FALSE
-0,005	0,275	-0,001	0,017	0,027	FALSE
-0,009	0,280	-0,002	0,017	0,044	FALSE
-0,068	0,279	-0,006	0,018	0,127	FALSE
0,068	0,288	0,005	0,017	0,108	FALSE
0,017	0,277	-0,001	0,010	0,041	FALSE
0,040	0,293	0,003	0,018	0,068	FALSE
0,050	0,270	0,003	0,017	0,072	FALSE
0,049	0,277	0,004	0,018	0,081	FALSE
0,118	0,271	0,004	0,009	0,155	FALSE
-0,173	0,287	-0,007	0,011	0,257	FALSE
0,122	0,278	0,003	0,008	0,152	FALSE
-0,009	0,292	0,002	0,017	0,035	FALSE
-0,245	0,271	-0,014	0,015	0,448	FALSE
-0,008	0,290	0,000	0,010	0,008	FALSE
0,068	0,262	0,002	0,011	0,057	FALSE
-0,015	0,283	0,000	0,010	0,006	FALSE
0,001	0,298	0,000	0,011	0,011	FALSE
0,096	0,290	0,004	0,010	0,178	FALSE
0,037	0,276	0,001	0,013	0,028	FALSE
-0,014	0,283	0,000	0,008	0,011	FALSE
-0,021	0,270	0,000	0,009	0,012	FALSE
0,012	0,282	0,000	0,011	0,004	FALSE
0,004	0,266	-0,001	0,015	0,020	FALSE
0,097	0,272	0,003	0,012	0,086	FALSE
0,123	0,278	0,004	0,012	0,134	FALSE
0,009	0,273	0,002	0,011	0,076	FALSE
0,007	0,286	0,000	0,013	0,008	FALSE
0,066	0,281	0,000	0,011	0,015	FALSE
-0,062	0,294	-0,003	0,017	0,073	FALSE
0,221	0,268	0,009	0,013	0,305	FALSE
-0,083	0,296	-0,004	0,015	0,119	FALSE
0,245	0,275	0,013	0,017	0,369	FALSE
0,116	0,281	0,003	0,013	0,088	FALSE
0,039	0,293	0,002	0,015	0,052	FALSE
0,114	0,283	0,004	0,012	0,131	FALSE
-0,018	0,303	0,000	0,011	0,013	FALSE
-0,010	0,273	-0,001	0,009	0,053	FALSE
0,122	0,275	0,003	0,012	0,114	FALSE
-0,054	0,298	-0,003	0,013	0,098	FALSE
0,048	0,289	0,001	0,013	0,029	FALSE
-0,135	0,295	-0,005	0,015	0,136	FALSE

-0,140	0,287	-0,004	0,009	0,159	FALSE
0,096	0,277	0,003	0,009	0,126	FALSE
-0,169	0,297	-0,005	0,010	0,184	FALSE
0,037	0,289	0,001	0,011	0,017	FALSE
0,276	0,274	0,013	0,014	0,447	FALSE
-0,030	0,296	0,000	0,013	0,009	FALSE
-0,105	0,280	-0,004	0,013	0,109	FALSE
-0,036	0,296	-0,004	0,017	0,089	FALSE
-0,117	0,296	-0,004	0,016	0,102	FALSE
-0,082	0,292	-0,002	0,012	0,062	FALSE
-0,108	0,283	-0,003	0,014	0,094	FALSE
-0,019	0,271	0,001	0,013	0,022	FALSE
0,005	0,294	0,002	0,014	0,040	FALSE
-0,002	0,293	0,000	0,010	0,000	FALSE
0,016	0,290	0,000	0,009	0,018	FALSE
-0,020	0,297	0,000	0,013	0,006	FALSE
0,046	0,295	0,002	0,017	0,047	FALSE
0,047	0,287	0,001	0,014	0,013	FALSE
-0,078	0,284	-0,003	0,012	0,086	FALSE
0,100	0,285	0,003	0,011	0,119	FALSE
-0,077	0,283	-0,003	0,010	0,117	FALSE
0,026	0,295	0,000	0,016	0,008	FALSE
-0,094	0,297	-0,001	0,010	0,053	FALSE
-0,132	0,290	-0,005	0,013	0,163	FALSE
0,157	0,272	0,003	0,009	0,153	FALSE
0,004	0,280	0,000	0,015	0,007	FALSE
0,040	0,283	0,003	0,012	0,087	FALSE
0,156	0,263	0,008	0,018	0,177	FALSE
0,026	0,280	0,003	0,015	0,062	FALSE
-0,044	0,291	-0,002	0,014	0,059	FALSE
-0,142	0,286	-0,004	0,011	0,150	FALSE
-0,033	0,306	-0,002	0,019	0,043	FALSE
-0,056	0,294	-0,003	0,018	0,054	FALSE
-0,061	0,288	-0,003	0,017	0,077	FALSE
-0,031	0,295	-0,002	0,017	0,041	FALSE
-0,041	0,295	-0,002	0,017	0,052	FALSE
0,035	0,283	0,000	0,012	0,000	FALSE
-0,045	0,283	-0,006	0,018	0,123	FALSE
-0,042	0,281	0,000	0,010	0,012	FALSE
0,060	0,273	0,002	0,010	0,078	FALSE
-0,145	0,280	-0,005	0,017	0,112	FALSE
0,142	0,278	0,004	0,016	0,101	FALSE
0,084	0,272	0,001	0,016	0,012	FALSE
-0,187	0,263	-0,004	0,008	0,238	FALSE
-0,004	0,281	0,000	0,011	0,009	FALSE
-0,084	0,283	-0,003	0,012	0,093	FALSE
0,161	0,281	0,007	0,015	0,196	FALSE
-0,050	0,272	-0,001	0,016	0,012	FALSE
0,116	0,286	0,006	0,017	0,143	FALSE
0,106	0,291	0,005	0,018	0,121	FALSE
-0,047	0,286	-0,002	0,013	0,066	FALSE
0,087	0,291	0,005	0,018	0,098	FALSE
0,092	0,291	0,007	0,015	0,187	FALSE

0,013	0,295	0,001	0,015	0,027	FALSE
-0,045	0,290	-0,001	0,013	0,036	FALSE
-0,118	0,281	-0,004	0,012	0,142	FALSE
-0,066	0,280	-0,002	0,015	0,058	FALSE
-0,094	0,265	-0,006	0,013	0,197	FALSE
0,005	0,277	-0,002	0,016	0,057	FALSE
0,100	0,266	0,005	0,013	0,148	FALSE
0,143	0,268	0,004	0,010	0,153	FALSE
-0,045	0,284	-0,002	0,014	0,055	FALSE
0,073	0,271	0,001	0,011	0,048	FALSE
0,029	0,289	0,001	0,011	0,022	FALSE
0,098	0,282	0,003	0,016	0,072	FALSE
0,021	0,277	0,000	0,013	0,012	FALSE
-0,075	0,271	-0,003	0,016	0,072	FALSE
-0,078	0,277	-0,002	0,010	0,086	FALSE
-0,021	0,287	-0,001	0,010	0,019	FALSE
0,006	0,285	-0,002	0,016	0,048	FALSE
0,100	0,280	0,006	0,017	0,129	FALSE
0,009	0,281	0,000	0,017	0,006	FALSE
0,041	0,288	0,003	0,017	0,063	FALSE
0,019	0,306	0,003	0,018	0,061	FALSE
0,010	0,297	0,003	0,018	0,061	FALSE
0,005	0,282	-0,001	0,010	0,033	FALSE
-0,087	0,278	-0,002	0,009	0,102	FALSE
0,095	0,287	0,004	0,009	0,170	FALSE
0,107	0,268	0,008	0,016	0,209	FALSE
0,132	0,265	0,005	0,015	0,132	FALSE
-0,049	0,292	-0,002	0,017	0,045	FALSE
-0,023	0,290	-0,001	0,016	0,012	FALSE
-0,039	0,289	0,000	0,017	0,007	FALSE
-0,031	0,288	0,000	0,014	0,002	FALSE
-0,131	0,299	-0,006	0,015	0,147	FALSE
-0,142	0,299	-0,006	0,016	0,149	FALSE
0,034	0,292	-0,001	0,017	0,011	FALSE
-0,189	0,268	-0,008	0,012	0,314	FALSE
-0,007	0,290	0,001	0,009	0,029	FALSE
0,003	0,296	0,001	0,010	0,043	FALSE
0,037	0,275	0,002	0,015	0,046	FALSE
0,128	0,272	0,005	0,012	0,186	FALSE
0,000	0,276	0,001	0,018	0,023	FALSE
0,103	0,267	0,005	0,012	0,168	FALSE
-0,200	0,284	-0,007	0,012	0,253	FALSE
-0,172	0,282	-0,011	0,018	0,277	FALSE
-0,156	0,288	-0,010	0,017	0,257	FALSE
-0,016	0,257	0,000	0,010	0,015	FALSE
0,111	0,275	0,003	0,010	0,147	FALSE
0,152	0,270	0,006	0,012	0,228	FALSE
0,193	0,266	0,010	0,015	0,307	FALSE
0,045	0,286	0,003	0,012	0,091	FALSE
-0,206	0,285	-0,008	0,014	0,252	FALSE
-0,200	0,283	-0,010	0,018	0,253	FALSE
0,151	0,273	0,005	0,011	0,180	FALSE
0,050	0,274	0,000	0,016	0,004	FALSE

-0,159	0,292	-0,006	0,012	0,227	FALSE
0,074	0,278	0,002	0,010	0,061	FALSE
-0,036	0,281	0,000	0,009	0,012	FALSE
0,080	0,279	0,003	0,011	0,101	FALSE
-0,021	0,286	0,000	0,011	0,013	FALSE
-0,008	0,277	-0,003	0,016	0,072	FALSE
-0,094	0,280	-0,003	0,009	0,128	FALSE
-0,058	0,286	-0,003	0,017	0,074	FALSE
0,027	0,299	0,002	0,013	0,044	FALSE
-0,088	0,293	-0,002	0,011	0,082	FALSE
0,089	0,288	0,005	0,014	0,147	FALSE
-0,086	0,288	-0,007	0,017	0,152	FALSE
-0,012	0,296	-0,001	0,010	0,048	FALSE
-0,048	0,298	-0,003	0,013	0,080	FALSE
-0,038	0,292	-0,001	0,009	0,044	FALSE
-0,053	0,292	-0,001	0,011	0,049	FALSE
-0,134	0,285	-0,003	0,009	0,137	FALSE
0,106	0,282	0,005	0,013	0,163	FALSE
0,137	0,267	0,006	0,009	0,274	FALSE
0,003	0,287	0,000	0,014	0,012	FALSE
-0,125	0,284	-0,008	0,015	0,211	FALSE
-0,088	0,277	-0,003	0,011	0,121	FALSE
0,043	0,272	0,000	0,010	0,010	FALSE
0,002	0,279	-0,001	0,009	0,034	FALSE
0,032	0,296	0,000	0,016	0,005	FALSE
0,067	0,281	0,004	0,017	0,082	FALSE
0,031	0,292	0,000	0,009	0,007	FALSE
0,058	0,293	0,003	0,013	0,086	FALSE
0,022	0,280	0,001	0,017	0,016	FALSE
0,058	0,273	0,002	0,016	0,044	FALSE
0,013	0,284	0,002	0,009	0,095	FALSE
-0,046	0,274	-0,004	0,018	0,091	FALSE
0,109	0,287	0,005	0,012	0,182	FALSE
-0,078	0,277	-0,004	0,009	0,173	FALSE
-0,081	0,278	-0,001	0,009	0,046	FALSE
-0,030	0,284	-0,001	0,013	0,023	FALSE
-0,077	0,291	-0,003	0,012	0,088	FALSE
0,015	0,290	0,002	0,013	0,061	FALSE
-0,088	0,289	-0,004	0,013	0,111	FALSE
-0,086	0,279	-0,003	0,011	0,118	FALSE
0,129	0,275	0,005	0,016	0,112	FALSE
-0,028	0,296	-0,001	0,014	0,024	FALSE
0,112	0,290	0,006	0,016	0,158	FALSE
-0,127	0,269	-0,007	0,016	0,186	FALSE
0,033	0,269	0,002	0,012	0,049	FALSE
0,036	0,285	0,002	0,014	0,040	FALSE
-0,150	0,280	-0,007	0,016	0,179	FALSE
-0,008	0,286	-0,003	0,015	0,065	FALSE
0,003	0,301	0,001	0,010	0,049	FALSE
-0,006	0,300	0,000	0,010	0,016	FALSE
0,006	0,288	0,000	0,010	0,016	FALSE
0,231	0,276	0,015	0,017	0,421	FALSE
0,258	0,271	0,010	0,011	0,439	FALSE

-0,026	0,274	-0,002	0,011	0,052	FALSE
-0,044	0,278	-0,001	0,009	0,038	FALSE
-0,029	0,286	0,000	0,014	0,004	FALSE
0,050	0,293	0,003	0,018	0,060	FALSE
0,014	0,287	0,000	0,010	0,006	FALSE
0,070	0,290	0,001	0,011	0,046	FALSE
0,113	0,255	0,003	0,009	0,150	FALSE
0,094	0,269	0,004	0,016	0,109	FALSE
0,206	0,284	0,006	0,009	0,304	FALSE
0,128	0,276	0,005	0,011	0,197	FALSE
0,045	0,292	0,002	0,015	0,060	FALSE
0,213	0,285	0,007	0,011	0,288	FALSE
0,104	0,282	0,004	0,014	0,101	FALSE
0,006	0,287	-0,001	0,011	0,042	FALSE
0,028	0,279	0,002	0,015	0,052	FALSE
0,029	0,292	0,000	0,017	0,000	FALSE
0,020	0,284	0,000	0,012	0,000	FALSE
0,054	0,284	0,003	0,012	0,102	FALSE
-0,045	0,278	-0,001	0,008	0,047	FALSE
-0,042	0,282	-0,001	0,009	0,022	FALSE
-0,052	0,284	-0,001	0,012	0,038	FALSE
-0,046	0,291	-0,001	0,015	0,012	FALSE
0,026	0,289	0,001	0,012	0,034	FALSE
-0,294	0,271	-0,015	0,017	0,450	FALSE
-0,160	0,284	-0,006	0,016	0,136	FALSE
-0,017	0,296	-0,001	0,014	0,018	FALSE
0,074	0,276	0,002	0,016	0,052	FALSE
-0,083	0,284	-0,003	0,013	0,085	FALSE
0,044	0,259	0,005	0,015	0,129	FALSE
-0,140	0,275	-0,007	0,015	0,184	FALSE
-0,116	0,276	-0,005	0,016	0,121	FALSE
0,118	0,283	0,007	0,015	0,192	FALSE
-0,052	0,282	0,000	0,010	0,001	FALSE
0,098	0,290	0,006	0,015	0,163	FALSE
-0,051	0,272	-0,003	0,010	0,105	FALSE
0,057	0,288	0,001	0,014	0,033	FALSE
0,009	0,293	0,000	0,010	0,000	FALSE
-0,211	0,275	-0,011	0,017	0,286	FALSE
0,208	0,263	0,013	0,017	0,342	FALSE
-0,029	0,275	0,000	0,010	0,011	FALSE
0,151	0,272	0,006	0,011	0,228	FALSE
0,139	0,264	0,006	0,015	0,162	FALSE
-0,024	0,291	-0,002	0,010	0,082	FALSE
-0,152	0,285	-0,007	0,011	0,269	FALSE
0,137	0,268	0,004	0,014	0,130	FALSE
0,067	0,269	0,002	0,012	0,073	FALSE
0,101	0,276	0,002	0,013	0,065	FALSE
0,018	0,284	-0,001	0,016	0,014	FALSE
0,022	0,290	0,000	0,017	0,004	FALSE
-0,040	0,294	-0,002	0,017	0,042	FALSE
-0,135	0,280	-0,008	0,016	0,194	FALSE
-0,086	0,285	-0,006	0,015	0,145	FALSE
-0,129	0,281	-0,002	0,010	0,092	FALSE

-0,032	0,283	-0,002	0,009	0,065	FALSE
0,128	0,263	0,004	0,011	0,157	FALSE
-0,026	0,283	0,000	0,017	0,001	FALSE
0,010	0,293	0,002	0,017	0,044	FALSE
0,093	0,289	0,005	0,011	0,189	FALSE
-0,080	0,298	-0,003	0,018	0,058	FALSE
-0,011	0,290	-0,002	0,016	0,045	FALSE
-0,152	0,289	-0,008	0,015	0,217	FALSE
-0,129	0,295	-0,006	0,015	0,173	FALSE
-0,077	0,292	-0,005	0,017	0,118	FALSE
-0,043	0,302	-0,003	0,018	0,066	FALSE
0,095	0,295	0,004	0,014	0,106	FALSE
0,065	0,296	0,001	0,010	0,045	FALSE
0,157	0,272	0,006	0,010	0,269	FALSE
0,096	0,281	0,003	0,011	0,095	FALSE
0,149	0,277	0,005	0,012	0,156	FALSE
-0,104	0,280	-0,006	0,016	0,163	FALSE
-0,099	0,281	-0,006	0,017	0,131	FALSE
-0,181	0,268	-0,009	0,016	0,239	FALSE
-0,082	0,292	-0,002	0,015	0,054	FALSE
-0,121	0,288	-0,002	0,009	0,084	FALSE
-0,143	0,296	-0,005	0,011	0,202	FALSE
0,007	0,295	-0,001	0,011	0,038	FALSE
-0,008	0,281	-0,001	0,009	0,035	FALSE
0,088	0,271	0,002	0,016	0,039	FALSE
0,074	0,296	0,003	0,017	0,060	FALSE
0,107	0,276	0,004	0,008	0,226	FALSE
0,096	0,274	0,005	0,016	0,139	FALSE
0,007	0,285	0,001	0,013	0,017	FALSE
0,042	0,284	0,002	0,013	0,046	FALSE
0,033	0,289	0,001	0,013	0,023	FALSE
0,025	0,283	0,001	0,012	0,017	FALSE
0,115	0,279	0,002	0,011	0,078	FALSE
-0,131	0,281	-0,008	0,017	0,189	FALSE
0,069	0,286	0,004	0,016	0,095	FALSE
-0,275	0,262	-0,014	0,016	0,443	FALSE
0,111	0,269	0,004	0,012	0,152	FALSE
0,082	0,279	0,005	0,016	0,123	FALSE
-0,121	0,285	-0,008	0,016	0,214	FALSE
0,108	0,270	0,005	0,014	0,138	FALSE
0,038	0,281	0,003	0,016	0,071	FALSE
0,004	0,283	0,002	0,013	0,048	FALSE
-0,023	0,283	0,000	0,013	0,013	FALSE
-0,038	0,268	-0,002	0,013	0,072	FALSE
-0,124	0,276	-0,006	0,013	0,201	FALSE
-0,126	0,288	-0,004	0,009	0,172	FALSE
-0,108	0,287	-0,003	0,009	0,146	FALSE
-0,141	0,292	-0,004	0,009	0,182	FALSE
-0,036	0,281	-0,003	0,012	0,087	FALSE
-0,171	0,283	-0,007	0,010	0,289	FALSE
-0,133	0,284	-0,008	0,018	0,186	FALSE
-0,149	0,270	-0,010	0,017	0,272	FALSE
-0,141	0,265	-0,011	0,018	0,274	FALSE

-0,092	0,277	-0,003	0,016	0,077	FALSE
0,244	0,275	0,012	0,015	0,377	FALSE
-0,170	0,264	-0,008	0,015	0,222	FALSE
-0,091	0,296	-0,006	0,016	0,146	FALSE
-0,031	0,299	0,001	0,010	0,056	FALSE
-0,194	0,290	-0,005	0,009	0,249	FALSE
-0,187	0,291	-0,006	0,012	0,224	FALSE
0,201	0,275	0,010	0,013	0,337	FALSE
-0,108	0,287	-0,003	0,009	0,123	FALSE
0,154	0,271	0,008	0,015	0,204	FALSE
-0,068	0,282	-0,001	0,011	0,046	FALSE
-0,146	0,270	-0,008	0,014	0,227	FALSE
0,040	0,261	0,002	0,009	0,065	FALSE
0,083	0,273	0,003	0,010	0,103	FALSE
0,101	0,281	0,003	0,010	0,095	FALSE
0,158	0,270	0,005	0,010	0,198	FALSE
0,063	0,278	0,003	0,015	0,064	FALSE
0,034	0,268	0,001	0,015	0,021	FALSE
-0,060	0,299	-0,002	0,009	0,085	FALSE
-0,059	0,277	-0,002	0,016	0,040	FALSE
0,208	0,278	0,007	0,009	0,349	FALSE
0,085	0,286	0,003	0,011	0,112	FALSE
0,040	0,284	0,001	0,008	0,025	FALSE
-0,084	0,285	-0,003	0,011	0,092	FALSE
-0,068	0,291	-0,002	0,011	0,063	FALSE
-0,065	0,297	-0,002	0,011	0,051	FALSE
-0,069	0,290	-0,002	0,011	0,073	FALSE
-0,022	0,298	-0,002	0,018	0,044	FALSE
0,112	0,289	0,006	0,018	0,140	FALSE
-0,059	0,284	-0,001	0,011	0,046	FALSE
-0,074	0,283	-0,002	0,012	0,067	FALSE
-0,225	0,292	-0,007	0,010	0,302	FALSE
-0,210	0,280	-0,006	0,009	0,310	FALSE
-0,144	0,277	-0,008	0,017	0,208	FALSE
0,003	0,285	0,000	0,010	0,013	FALSE
-0,215	0,288	-0,006	0,010	0,273	FALSE
-0,019	0,299	-0,001	0,017	0,013	FALSE
0,286	0,260	0,011	0,011	0,496	FALSE
-0,067	0,281	-0,004	0,015	0,095	FALSE
-0,068	0,288	-0,002	0,017	0,044	FALSE
-0,119	0,281	-0,007	0,017	0,155	FALSE
-0,046	0,282	-0,001	0,014	0,027	FALSE
0,056	0,285	0,001	0,011	0,017	FALSE
-0,212	0,271	-0,012	0,014	0,401	FALSE
0,113	0,288	0,003	0,009	0,147	FALSE
-0,221	0,271	-0,007	0,010	0,338	FALSE
0,032	0,285	0,001	0,009	0,057	FALSE
0,095	0,273	0,002	0,010	0,075	FALSE
0,060	0,306	0,003	0,018	0,057	FALSE
0,022	0,302	0,001	0,018	0,028	FALSE
0,049	0,282	0,002	0,013	0,056	FALSE
0,020	0,307	0,002	0,015	0,053	FALSE
0,091	0,278	0,003	0,010	0,108	FALSE

-0,006	0,283	0,001	0,009	0,030	FALSE
0,026	0,275	0,003	0,013	0,072	FALSE
-0,019	0,298	0,000	0,009	0,017	FALSE
0,123	0,270	0,004	0,008	0,177	FALSE
0,025	0,284	0,000	0,013	0,005	FALSE
0,260	0,266	0,009	0,012	0,342	FALSE
0,004	0,280	-0,001	0,009	0,020	FALSE
-0,125	0,291	-0,002	0,009	0,102	FALSE
0,133	0,257	0,003	0,009	0,133	FALSE
-0,154	0,270	-0,005	0,009	0,249	FALSE
-0,024	0,280	-0,001	0,009	0,038	FALSE
0,023	0,287	0,003	0,015	0,078	FALSE
-0,097	0,295	-0,003	0,009	0,134	FALSE
0,131	0,297	0,005	0,018	0,098	FALSE
0,089	0,288	0,002	0,011	0,084	FALSE
0,208	0,267	0,011	0,016	0,309	FALSE
0,034	0,271	0,002	0,014	0,064	FALSE
-0,050	0,295	-0,003	0,014	0,075	FALSE
0,035	0,284	0,002	0,014	0,050	FALSE
-0,094	0,281	-0,004	0,009	0,179	FALSE
-0,091	0,286	-0,001	0,010	0,050	FALSE
-0,150	0,292	-0,004	0,010	0,163	FALSE
0,089	0,269	0,007	0,018	0,162	FALSE
-0,098	0,282	-0,001	0,010	0,053	FALSE
0,170	0,276	0,006	0,010	0,279	FALSE
0,036	0,290	0,001	0,017	0,021	FALSE
-0,086	0,286	0,000	0,012	0,009	FALSE
-0,035	0,299	-0,001	0,010	0,048	FALSE
-0,060	0,272	-0,002	0,009	0,086	FALSE
0,078	0,282	0,006	0,013	0,170	FALSE
0,275	0,262	0,017	0,017	0,504	FALSE
0,243	0,272	0,008	0,009	0,395	FALSE
0,128	0,280	0,006	0,011	0,251	FALSE
0,258	0,276	0,008	0,009	0,419	FALSE
-0,042	0,286	0,000	0,010	0,014	FALSE
-0,163	0,289	-0,007	0,014	0,201	FALSE
-0,093	0,281	-0,005	0,016	0,115	FALSE
-0,047	0,290	0,000	0,008	0,007	FALSE
-0,029	0,295	-0,002	0,012	0,061	FALSE
0,074	0,267	0,002	0,012	0,051	FALSE
0,069	0,278	0,006	0,015	0,153	FALSE
0,044	0,285	0,002	0,014	0,066	FALSE
-0,157	0,281	-0,010	0,018	0,243	FALSE
-0,018	0,277	0,000	0,009	0,008	FALSE
0,103	0,292	0,005	0,018	0,113	FALSE
-0,219	0,282	-0,009	0,012	0,335	FALSE
-0,081	0,290	-0,006	0,018	0,121	FALSE
-0,052	0,283	-0,002	0,013	0,063	FALSE
0,015	0,279	0,000	0,010	0,004	FALSE
-0,168	0,271	-0,011	0,016	0,289	FALSE
0,062	0,288	0,002	0,009	0,087	FALSE
-0,047	0,280	-0,002	0,017	0,049	FALSE
0,043	0,286	0,004	0,013	0,124	FALSE

0,005	0,285	-0,001	0,013	0,029	FALSE
0,060	0,295	0,002	0,018	0,046	FALSE
-0,052	0,282	-0,001	0,011	0,037	FALSE
-0,052	0,287	-0,001	0,008	0,047	FALSE
-0,156	0,291	-0,005	0,010	0,215	FALSE
-0,038	0,289	0,001	0,010	0,022	FALSE
0,077	0,282	0,004	0,014	0,100	FALSE
0,108	0,260	0,004	0,011	0,130	FALSE
-0,024	0,270	-0,001	0,011	0,052	FALSE
-0,083	0,263	-0,001	0,016	0,014	FALSE
-0,057	0,285	-0,005	0,017	0,105	FALSE
-0,070	0,292	-0,004	0,017	0,096	FALSE
0,117	0,269	0,005	0,017	0,105	FALSE
0,112	0,276	0,004	0,018	0,087	FALSE
0,115	0,263	0,007	0,016	0,162	FALSE
0,000	0,264	0,000	0,018	0,003	FALSE
0,176	0,289	0,005	0,012	0,176	FALSE
-0,031	0,268	0,001	0,015	0,016	FALSE
-0,100	0,276	-0,002	0,009	0,083	FALSE
-0,092	0,286	-0,002	0,009	0,079	FALSE
0,036	0,289	0,002	0,012	0,064	FALSE
0,043	0,274	0,001	0,010	0,035	FALSE
0,049	0,279	0,002	0,017	0,035	FALSE
-0,121	0,288	-0,003	0,009	0,129	FALSE
-0,123	0,287	-0,009	0,014	0,294	FALSE
-0,099	0,279	-0,006	0,017	0,138	FALSE
-0,118	0,278	-0,008	0,017	0,181	FALSE
-0,049	0,286	-0,003	0,018	0,054	FALSE
-0,065	0,281	-0,003	0,017	0,056	FALSE
-0,040	0,287	-0,002	0,017	0,039	FALSE
-0,044	0,279	0,001	0,014	0,019	FALSE
-0,007	0,269	0,003	0,017	0,068	FALSE
0,004	0,293	0,002	0,012	0,050	FALSE
-0,298	0,269	-0,009	0,010	0,488	FALSE
0,074	0,274	0,005	0,015	0,127	FALSE
0,020	0,278	-0,001	0,010	0,022	FALSE
0,028	0,280	-0,001	0,009	0,037	FALSE
-0,004	0,291	0,001	0,018	0,016	FALSE
-0,055	0,290	-0,001	0,018	0,026	FALSE
-0,092	0,275	-0,002	0,011	0,073	FALSE
0,025	0,276	0,002	0,009	0,069	FALSE
-0,109	0,278	-0,002	0,011	0,084	FALSE
0,061	0,279	0,002	0,013	0,059	FALSE
-0,138	0,285	-0,005	0,016	0,127	FALSE
0,131	0,289	0,006	0,014	0,186	FALSE
-0,092	0,276	-0,006	0,016	0,143	FALSE
-0,119	0,283	-0,007	0,015	0,192	FALSE
0,116	0,295	0,006	0,015	0,171	FALSE
-0,094	0,293	-0,002	0,009	0,075	FALSE
0,062	0,279	0,005	0,015	0,130	FALSE
0,101	0,269	0,002	0,011	0,077	FALSE
0,058	0,275	0,001	0,011	0,037	FALSE
-0,164	0,282	-0,008	0,014	0,221	FALSE

0,055	0,282	0,003	0,011	0,100	FALSE
0,028	0,273	-0,003	0,011	0,104	FALSE
-0,137	0,295	-0,002	0,011	0,086	FALSE
0,007	0,300	-0,001	0,013	0,031	FALSE
-0,047	0,283	-0,005	0,015	0,132	FALSE
0,120	0,272	0,005	0,014	0,134	FALSE
0,010	0,281	0,001	0,009	0,038	FALSE
0,026	0,292	0,003	0,017	0,057	FALSE
-0,013	0,299	-0,001	0,017	0,015	FALSE
-0,019	0,296	0,000	0,012	0,013	FALSE
0,014	0,287	0,001	0,013	0,024	FALSE
-0,059	0,289	-0,001	0,010	0,047	FALSE
-0,130	0,288	-0,006	0,015	0,164	FALSE
-0,048	0,288	0,000	0,017	0,009	FALSE
0,015	0,282	0,000	0,017	0,009	FALSE
0,184	0,267	0,010	0,016	0,288	FALSE
0,052	0,277	0,002	0,010	0,069	FALSE
0,046	0,272	0,001	0,013	0,037	FALSE
-0,181	0,272	-0,007	0,013	0,249	FALSE
-0,054	0,278	-0,005	0,017	0,106	FALSE
0,089	0,274	0,003	0,009	0,116	FALSE
0,017	0,276	0,001	0,017	0,027	FALSE
0,018	0,268	0,002	0,017	0,034	FALSE
-0,031	0,285	-0,002	0,018	0,037	FALSE
-0,037	0,292	-0,001	0,013	0,040	FALSE
-0,075	0,283	-0,005	0,016	0,132	FALSE
-0,087	0,278	-0,005	0,017	0,111	FALSE
0,097	0,279	0,001	0,010	0,051	FALSE
0,088	0,263	-0,001	0,017	0,018	FALSE
-0,031	0,274	0,004	0,018	0,088	FALSE
-0,030	0,287	0,003	0,017	0,058	FALSE
-0,201	0,275	-0,006	0,009	0,313	FALSE
0,015	0,287	0,003	0,013	0,094	FALSE
0,075	0,274	0,003	0,015	0,082	FALSE
0,219	0,271	0,010	0,013	0,370	FALSE
-0,123	0,286	-0,007	0,014	0,195	FALSE
0,217	0,284	0,011	0,014	0,355	FALSE
0,153	0,287	0,008	0,017	0,186	FALSE
-0,074	0,292	-0,002	0,009	0,093	FALSE
-0,038	0,277	-0,004	0,012	0,111	FALSE
0,186	0,297	0,006	0,010	0,261	FALSE
-0,023	0,287	-0,002	0,017	0,044	FALSE
0,003	0,274	-0,002	0,013	0,061	FALSE
-0,074	0,298	-0,005	0,016	0,134	FALSE
-0,016	0,300	-0,002	0,015	0,054	FALSE
-0,074	0,285	-0,004	0,015	0,100	FALSE
-0,048	0,297	-0,002	0,016	0,036	FALSE
-0,095	0,303	-0,003	0,011	0,123	FALSE
0,053	0,290	0,003	0,017	0,070	FALSE
-0,002	0,284	0,002	0,016	0,047	FALSE
0,013	0,281	0,001	0,009	0,040	FALSE
0,050	0,280	0,002	0,015	0,038	FALSE
-0,001	0,285	0,000	0,009	0,012	FALSE

0,101	0,278	0,005	0,016	0,127	FALSE
0,051	0,276	0,003	0,012	0,093	FALSE
0,029	0,284	0,001	0,013	0,040	FALSE
-0,119	0,283	-0,003	0,010	0,135	FALSE
0,023	0,272	0,000	0,013	0,005	FALSE
-0,182	0,286	-0,006	0,009	0,278	FALSE
0,021	0,285	0,000	0,014	0,001	FALSE
-0,070	0,273	-0,003	0,009	0,110	FALSE
0,173	0,281	0,005	0,011	0,201	FALSE
-0,061	0,286	-0,003	0,011	0,091	FALSE
0,024	0,284	0,000	0,010	0,014	FALSE
0,083	0,282	0,002	0,009	0,080	FALSE
-0,127	0,284	-0,003	0,012	0,081	FALSE
-0,038	0,299	-0,003	0,016	0,060	FALSE
-0,047	0,300	0,000	0,009	0,018	FALSE
-0,014	0,301	-0,001	0,016	0,014	FALSE
0,128	0,283	0,003	0,012	0,091	FALSE
-0,154	0,274	-0,005	0,010	0,196	FALSE
-0,137	0,290	-0,007	0,014	0,202	FALSE
0,142	0,287	0,004	0,011	0,165	FALSE
0,066	0,284	0,001	0,012	0,020	FALSE
0,018	0,305	0,002	0,010	0,077	FALSE
0,150	0,276	0,003	0,009	0,158	FALSE
0,261	0,286	0,009	0,011	0,424	FALSE
0,156	0,274	0,006	0,012	0,212	FALSE
0,141	0,278	0,006	0,013	0,179	FALSE
0,132	0,273	0,005	0,013	0,154	FALSE
-0,014	0,293	0,001	0,010	0,032	FALSE
-0,119	0,289	-0,005	0,011	0,197	FALSE
0,022	0,301	0,001	0,010	0,050	FALSE
-0,037	0,297	-0,001	0,009	0,048	FALSE
0,116	0,257	0,003	0,009	0,146	FALSE
-0,008	0,282	-0,002	0,012	0,074	FALSE
-0,051	0,292	-0,001	0,018	0,016	FALSE
-0,085	0,281	-0,002	0,009	0,098	FALSE
0,018	0,276	0,001	0,010	0,040	FALSE
0,099	0,264	0,003	0,011	0,095	FALSE
-0,069	0,292	-0,004	0,017	0,088	FALSE
-0,223	0,282	-0,006	0,009	0,320	FALSE
-0,176	0,275	-0,010	0,015	0,307	FALSE
0,073	0,284	0,005	0,015	0,127	FALSE
0,144	0,287	0,008	0,018	0,183	FALSE
0,009	0,282	0,000	0,009	0,007	FALSE
0,258	0,254	0,011	0,013	0,395	FALSE
-0,028	0,287	-0,003	0,016	0,072	FALSE
-0,093	0,281	-0,005	0,014	0,147	FALSE
0,036	0,290	0,001	0,016	0,017	FALSE
-0,001	0,276	-0,001	0,011	0,024	FALSE
0,094	0,270	0,003	0,009	0,142	FALSE
-0,030	0,285	-0,002	0,009	0,085	FALSE
0,041	0,283	0,001	0,013	0,026	FALSE
0,089	0,274	0,003	0,011	0,109	FALSE
0,022	0,298	0,002	0,010	0,061	FALSE

0,001	0,286	0,001	0,010	0,039	FALSE
0,153	0,280	0,005	0,011	0,174	FALSE
-0,049	0,286	-0,002	0,012	0,076	FALSE
-0,082	0,293	-0,003	0,013	0,078	FALSE
-0,078	0,283	-0,002	0,009	0,070	FALSE
-0,089	0,273	-0,003	0,010	0,114	FALSE
0,051	0,285	0,000	0,016	0,004	FALSE
0,051	0,293	0,001	0,017	0,031	FALSE
-0,183	0,272	-0,006	0,010	0,257	FALSE
-0,218	0,275	-0,011	0,014	0,343	FALSE
-0,002	0,290	0,000	0,011	0,000	FALSE
-0,172	0,277	-0,008	0,017	0,195	FALSE
-0,167	0,283	-0,007	0,018	0,161	FALSE
-0,218	0,268	-0,012	0,014	0,401	FALSE
0,242	0,268	0,009	0,013	0,319	FALSE
0,005	0,288	0,002	0,016	0,045	FALSE
-0,019	0,284	-0,001	0,010	0,034	FALSE
0,008	0,281	0,000	0,010	0,013	FALSE
0,074	0,290	0,001	0,010	0,048	FALSE
-0,130	0,272	-0,003	0,011	0,112	FALSE
0,036	0,266	0,006	0,015	0,153	FALSE
-0,010	0,293	0,001	0,014	0,024	FALSE
0,089	0,286	0,005	0,014	0,151	FALSE
0,047	0,294	0,002	0,010	0,083	FALSE
0,048	0,276	0,001	0,011	0,037	FALSE
0,021	0,301	0,001	0,010	0,058	FALSE
0,140	0,274	0,006	0,016	0,153	FALSE
0,172	0,282	0,007	0,014	0,200	FALSE
0,085	0,287	0,006	0,017	0,130	FALSE
-0,052	0,275	-0,003	0,010	0,099	FALSE
-0,045	0,277	-0,001	0,012	0,025	FALSE
-0,041	0,293	-0,001	0,013	0,027	FALSE
-0,051	0,282	-0,002	0,009	0,086	FALSE
0,189	0,263	0,005	0,010	0,225	FALSE
-0,014	0,279	0,003	0,017	0,064	FALSE
0,041	0,278	0,000	0,008	0,001	FALSE
-0,165	0,287	-0,004	0,009	0,164	FALSE
0,051	0,288	0,002	0,012	0,068	FALSE
-0,186	0,279	-0,007	0,011	0,289	FALSE
-0,098	0,282	-0,005	0,017	0,119	FALSE
0,302	0,270	0,014	0,014	0,497	FALSE
-0,062	0,281	-0,003	0,014	0,070	FALSE
0,123	0,276	0,004	0,009	0,148	FALSE
-0,025	0,296	0,000	0,010	0,017	FALSE
-0,036	0,281	-0,003	0,013	0,083	FALSE
0,014	0,288	0,002	0,008	0,078	FALSE
-0,022	0,297	-0,001	0,010	0,018	FALSE
-0,104	0,285	-0,003	0,009	0,116	FALSE
0,121	0,278	0,005	0,012	0,171	FALSE
-0,124	0,296	-0,004	0,011	0,139	FALSE
-0,108	0,283	-0,002	0,010	0,069	FALSE
0,020	0,288	-0,001	0,016	0,028	FALSE
-0,163	0,286	-0,005	0,011	0,192	FALSE

0,010	0,292	0,002	0,010	0,093	FALSE
0,064	0,285	0,003	0,017	0,055	FALSE
0,044	0,292	0,002	0,018	0,041	FALSE
0,071	0,292	0,004	0,018	0,076	FALSE
-0,040	0,290	-0,002	0,018	0,042	FALSE
0,063	0,295	0,002	0,009	0,080	FALSE
0,115	0,261	0,003	0,010	0,100	FALSE
-0,010	0,277	0,000	0,012	0,012	FALSE
0,145	0,275	0,004	0,009	0,163	FALSE
-0,118	0,290	-0,003	0,010	0,113	FALSE
-0,089	0,291	-0,004	0,014	0,119	FALSE
0,114	0,281	0,003	0,012	0,110	FALSE
-0,030	0,285	-0,002	0,009	0,065	FALSE
0,140	0,276	0,006	0,012	0,194	FALSE
-0,080	0,276	-0,003	0,015	0,072	FALSE
-0,086	0,291	-0,004	0,015	0,093	FALSE
-0,099	0,285	-0,003	0,013	0,086	FALSE
0,042	0,292	0,001	0,011	0,042	FALSE
-0,050	0,284	-0,004	0,017	0,087	FALSE
0,080	0,277	0,004	0,017	0,085	FALSE
0,163	0,259	0,007	0,011	0,283	FALSE
0,032	0,286	0,000	0,014	0,000	FALSE
-0,002	0,289	0,000	0,015	0,008	FALSE
0,252	0,262	0,012	0,015	0,363	FALSE
-0,067	0,270	-0,006	0,014	0,178	FALSE
-0,047	0,274	-0,005	0,015	0,130	FALSE
-0,002	0,289	0,001	0,012	0,037	FALSE
0,056	0,279	0,003	0,015	0,085	FALSE
-0,045	0,280	-0,001	0,009	0,054	FALSE
0,034	0,287	0,002	0,012	0,055	FALSE
-0,037	0,278	-0,001	0,008	0,061	FALSE
0,050	0,282	0,002	0,010	0,090	FALSE
0,050	0,290	0,005	0,016	0,130	FALSE
-0,082	0,287	-0,006	0,015	0,165	FALSE
-0,035	0,275	0,000	0,009	0,003	FALSE
0,038	0,298	0,001	0,016	0,015	FALSE
0,010	0,287	0,002	0,011	0,060	FALSE
-0,119	0,279	-0,008	0,016	0,216	FALSE
-0,034	0,286	0,002	0,017	0,054	FALSE
-0,067	0,289	-0,001	0,016	0,027	FALSE
-0,074	0,295	-0,002	0,016	0,058	FALSE
0,060	0,290	0,003	0,016	0,077	FALSE
0,153	0,278	0,008	0,015	0,210	FALSE
0,037	0,294	0,002	0,016	0,048	FALSE
-0,026	0,296	-0,002	0,017	0,041	FALSE
0,063	0,283	0,002	0,012	0,052	FALSE
-0,132	0,279	-0,005	0,015	0,130	FALSE
-0,119	0,278	-0,006	0,013	0,194	FALSE
-0,056	0,274	-0,004	0,015	0,112	FALSE
0,025	0,270	0,002	0,014	0,060	FALSE
-0,047	0,285	0,000	0,015	0,011	FALSE
-0,056	0,291	-0,001	0,010	0,031	FALSE
0,067	0,272	0,002	0,011	0,063	FALSE

0,203	0,260	0,009	0,013	0,314	FALSE
-0,138	0,276	-0,005	0,012	0,183	FALSE
-0,148	0,273	-0,006	0,012	0,215	FALSE
0,071	0,281	0,006	0,013	0,169	FALSE
0,108	0,285	0,004	0,012	0,123	FALSE
0,071	0,298	0,006	0,015	0,150	FALSE
-0,162	0,275	-0,006	0,009	0,271	FALSE
0,019	0,291	0,002	0,016	0,055	FALSE
0,022	0,280	0,002	0,015	0,050	FALSE
-0,247	0,267	-0,010	0,012	0,431	FALSE
-0,036	0,278	-0,003	0,018	0,059	FALSE
-0,065	0,297	-0,002	0,009	0,077	FALSE
0,209	0,273	0,007	0,011	0,296	FALSE
-0,020	0,302	-0,002	0,016	0,041	FALSE
-0,018	0,291	-0,001	0,015	0,017	FALSE
-0,001	0,281	0,001	0,013	0,029	FALSE
0,103	0,289	0,005	0,015	0,126	FALSE
0,082	0,286	0,004	0,014	0,111	FALSE
0,149	0,275	0,005	0,010	0,222	FALSE
-0,039	0,285	-0,001	0,009	0,024	FALSE
0,045	0,285	0,002	0,016	0,055	FALSE
-0,113	0,274	-0,003	0,012	0,086	FALSE
0,111	0,291	0,003	0,013	0,090	FALSE
-0,183	0,267	-0,011	0,017	0,286	FALSE
-0,017	0,287	-0,002	0,011	0,064	FALSE
-0,051	0,291	-0,001	0,012	0,028	FALSE
0,172	0,286	0,004	0,009	0,209	FALSE
-0,068	0,278	-0,001	0,012	0,040	FALSE
0,010	0,290	0,000	0,013	0,002	FALSE
0,076	0,285	0,005	0,017	0,121	FALSE
0,170	0,279	0,008	0,014	0,238	FALSE
0,033	0,293	0,003	0,016	0,067	FALSE
-0,009	0,288	0,002	0,015	0,054	FALSE
-0,234	0,278	-0,013	0,018	0,326	FALSE
0,108	0,295	0,007	0,015	0,192	FALSE
-0,256	0,269	-0,015	0,017	0,421	FALSE
-0,231	0,277	-0,009	0,014	0,306	FALSE
0,010	0,283	-0,001	0,013	0,029	FALSE
0,220	0,261	0,005	0,008	0,302	FALSE
0,176	0,267	0,008	0,015	0,215	FALSE
-0,205	0,286	-0,006	0,010	0,261	FALSE
0,081	0,282	0,006	0,017	0,146	FALSE
0,224	0,278	0,012	0,016	0,348	FALSE
-0,105	0,292	-0,004	0,015	0,116	FALSE
0,053	0,298	0,003	0,011	0,090	FALSE
0,092	0,278	0,004	0,012	0,145	FALSE
-0,041	0,290	-0,002	0,011	0,071	FALSE
0,118	0,268	0,005	0,018	0,117	FALSE
-0,034	0,285	-0,002	0,016	0,036	FALSE
0,055	0,286	0,001	0,009	0,025	FALSE
0,088	0,260	0,003	0,015	0,076	FALSE
0,145	0,283	0,006	0,015	0,162	FALSE
0,137	0,278	0,006	0,015	0,153	FALSE

-0,112	0,277	-0,005	0,016	0,115	FALSE
0,199	0,289	0,008	0,013	0,267	FALSE
-0,019	0,289	0,003	0,016	0,066	FALSE
-0,009	0,278	-0,002	0,008	0,072	FALSE
0,075	0,283	0,003	0,017	0,062	FALSE
0,070	0,278	0,001	0,008	0,040	FALSE
0,244	0,282	0,012	0,017	0,313	FALSE
-0,118	0,270	-0,003	0,011	0,093	FALSE
-0,113	0,281	-0,008	0,017	0,184	FALSE
-0,147	0,287	-0,011	0,018	0,258	FALSE
-0,032	0,268	-0,003	0,017	0,069	FALSE
-0,135	0,267	-0,008	0,015	0,220	FALSE
0,121	0,278	0,004	0,011	0,145	FALSE
0,193	0,275	0,007	0,010	0,292	FALSE
0,069	0,279	0,002	0,009	0,094	FALSE
-0,199	0,281	-0,007	0,009	0,330	FALSE
0,003	0,275	0,000	0,012	0,006	FALSE
-0,098	0,278	-0,003	0,009	0,130	FALSE
0,056	0,302	0,003	0,010	0,105	FALSE
-0,031	0,303	-0,003	0,018	0,062	FALSE
-0,147	0,292	-0,004	0,009	0,195	FALSE
0,048	0,281	0,002	0,010	0,093	FALSE
0,064	0,267	0,005	0,013	0,158	FALSE
-0,017	0,291	0,000	0,017	0,003	FALSE
-0,030	0,293	-0,001	0,010	0,044	FALSE
-0,041	0,281	-0,001	0,009	0,034	FALSE
0,018	0,292	0,000	0,016	0,008	FALSE
-0,043	0,281	-0,001	0,010	0,043	FALSE
-0,142	0,279	-0,005	0,011	0,197	FALSE
-0,138	0,286	-0,005	0,011	0,182	FALSE
0,244	0,260	0,007	0,009	0,352	FALSE
0,162	0,279	0,005	0,011	0,188	FALSE
-0,110	0,285	-0,004	0,012	0,141	FALSE
-0,055	0,281	-0,003	0,010	0,106	FALSE
-0,095	0,296	-0,004	0,012	0,122	FALSE
0,067	0,287	0,002	0,010	0,057	FALSE
0,046	0,288	0,001	0,014	0,038	FALSE
-0,125	0,282	-0,002	0,010	0,070	FALSE
0,007	0,298	0,000	0,015	0,009	FALSE
0,100	0,274	0,002	0,009	0,078	FALSE
0,100	0,281	0,003	0,010	0,100	FALSE
0,066	0,289	0,002	0,011	0,059	FALSE
-0,072	0,284	-0,004	0,012	0,123	FALSE
0,118	0,279	0,004	0,010	0,154	FALSE
-0,273	0,284	-0,011	0,013	0,399	FALSE
-0,293	0,253	-0,012	0,011	0,502	FALSE
-0,233	0,265	-0,009	0,013	0,309	FALSE
0,232	0,282	0,007	0,011	0,316	FALSE
0,162	0,284	0,009	0,017	0,229	FALSE
0,058	0,284	0,000	0,015	0,007	FALSE
-0,059	0,278	-0,003	0,009	0,123	FALSE
0,065	0,292	0,003	0,014	0,085	FALSE
-0,143	0,281	-0,005	0,013	0,156	FALSE

-0,047	0,298	-0,001	0,009	0,048	FALSE
-0,164	0,268	-0,006	0,017	0,140	FALSE
-0,120	0,281	-0,003	0,017	0,060	FALSE
-0,018	0,294	0,001	0,018	0,026	FALSE
0,014	0,300	0,000	0,011	0,007	FALSE
-0,080	0,282	-0,003	0,013	0,076	FALSE
-0,114	0,284	-0,004	0,017	0,092	FALSE
-0,011	0,292	-0,001	0,016	0,029	FALSE
0,126	0,283	0,006	0,013	0,175	FALSE
0,062	0,277	0,002	0,014	0,064	FALSE
0,074	0,268	0,002	0,009	0,065	FALSE
-0,017	0,281	-0,001	0,010	0,046	FALSE
-0,038	0,282	-0,004	0,017	0,091	FALSE
-0,149	0,295	-0,005	0,014	0,126	FALSE
0,057	0,287	0,003	0,011	0,128	FALSE
0,018	0,282	0,001	0,008	0,023	FALSE
-0,187	0,284	-0,004	0,009	0,220	FALSE
0,078	0,277	0,006	0,014	0,156	FALSE
-0,193	0,283	-0,010	0,014	0,325	FALSE
-0,082	0,290	-0,002	0,011	0,070	FALSE
0,009	0,286	-0,002	0,010	0,073	FALSE
0,022	0,276	0,000	0,017	0,000	FALSE
-0,001	0,264	-0,001	0,017	0,023	FALSE
0,005	0,281	0,003	0,016	0,056	FALSE
-0,032	0,304	-0,001	0,018	0,026	FALSE
-0,105	0,286	-0,002	0,009	0,095	FALSE
0,129	0,293	0,006	0,015	0,169	FALSE
0,032	0,274	0,001	0,012	0,026	FALSE
-0,024	0,287	-0,001	0,014	0,019	FALSE
0,035	0,297	0,002	0,018	0,043	FALSE
-0,030	0,272	-0,001	0,014	0,020	FALSE
0,069	0,288	0,003	0,013	0,082	FALSE
-0,003	0,292	-0,001	0,012	0,016	FALSE
-0,239	0,273	-0,012	0,014	0,410	FALSE
0,066	0,287	0,003	0,011	0,124	FALSE
0,076	0,293	0,003	0,010	0,128	FALSE
0,016	0,284	0,002	0,013	0,070	FALSE
-0,114	0,287	-0,005	0,013	0,138	FALSE
-0,048	0,275	-0,002	0,010	0,074	FALSE
0,057	0,283	0,003	0,013	0,089	FALSE
0,069	0,276	0,004	0,013	0,109	FALSE
0,005	0,282	0,001	0,017	0,026	FALSE
-0,136	0,291	-0,008	0,015	0,210	FALSE
0,048	0,290	0,005	0,018	0,098	FALSE
0,056	0,289	0,003	0,017	0,074	FALSE
-0,016	0,293	-0,001	0,010	0,042	FALSE
0,059	0,269	0,001	0,011	0,033	FALSE
-0,201	0,277	-0,005	0,010	0,219	FALSE
0,195	0,277	0,005	0,010	0,241	FALSE
-0,196	0,283	-0,005	0,011	0,213	FALSE
-0,142	0,283	-0,006	0,015	0,177	FALSE
-0,060	0,289	-0,002	0,012	0,074	FALSE
-0,006	0,289	-0,001	0,009	0,038	FALSE

0,127	0,276	0,005	0,011	0,180	FALSE
0,008	0,293	-0,001	0,017	0,026	FALSE
0,128	0,275	0,006	0,014	0,166	FALSE
-0,147	0,290	-0,005	0,010	0,214	FALSE
0,073	0,289	0,001	0,013	0,041	FALSE
-0,103	0,285	-0,002	0,009	0,102	FALSE
-0,061	0,291	-0,002	0,010	0,060	FALSE
0,015	0,273	0,000	0,011	0,004	FALSE
0,105	0,277	0,004	0,009	0,174	FALSE
0,120	0,283	0,004	0,009	0,205	FALSE
-0,153	0,287	-0,005	0,011	0,206	FALSE
-0,012	0,284	-0,002	0,016	0,042	FALSE
0,003	0,303	0,000	0,018	0,001	FALSE
0,003	0,292	0,000	0,017	0,000	FALSE
-0,181	0,277	-0,010	0,014	0,316	FALSE
-0,130	0,288	-0,006	0,017	0,148	FALSE
0,060	0,290	0,003	0,012	0,095	FALSE
0,207	0,266	0,008	0,012	0,285	FALSE
-0,182	0,265	-0,009	0,018	0,220	FALSE
-0,157	0,274	-0,010	0,016	0,273	FALSE
0,068	0,282	0,004	0,010	0,162	FALSE
0,070	0,278	0,004	0,010	0,160	FALSE
0,218	0,261	0,010	0,017	0,260	FALSE
-0,073	0,298	0,000	0,009	0,013	FALSE
-0,090	0,294	-0,003	0,011	0,094	FALSE
0,081	0,285	0,004	0,013	0,140	FALSE
0,092	0,282	0,001	0,009	0,061	FALSE
-0,166	0,298	-0,005	0,009	0,209	FALSE
0,033	0,294	0,001	0,017	0,027	FALSE
0,004	0,293	-0,001	0,010	0,025	FALSE
0,000	0,287	0,000	0,012	0,012	FALSE
-0,026	0,307	0,001	0,018	0,020	FALSE
-0,093	0,282	-0,004	0,009	0,167	FALSE
0,033	0,281	-0,001	0,012	0,015	FALSE
-0,058	0,289	-0,001	0,009	0,026	FALSE
0,014	0,278	0,002	0,012	0,050	FALSE
0,047	0,278	0,002	0,011	0,049	FALSE
-0,005	0,296	0,000	0,011	0,004	FALSE
-0,075	0,297	-0,002	0,009	0,082	FALSE
-0,067	0,274	-0,002	0,011	0,081	FALSE
-0,099	0,274	-0,004	0,012	0,133	FALSE
0,012	0,272	0,000	0,014	0,000	FALSE
-0,099	0,283	-0,004	0,010	0,172	FALSE
0,085	0,277	0,004	0,010	0,190	FALSE
0,053	0,293	0,005	0,015	0,137	FALSE
0,186	0,290	0,007	0,013	0,250	FALSE
-0,033	0,280	-0,002	0,008	0,101	FALSE
0,027	0,283	0,002	0,010	0,063	FALSE
0,081	0,290	0,005	0,017	0,105	FALSE
-0,003	0,285	0,000	0,013	0,003	FALSE
-0,032	0,289	-0,001	0,010	0,023	FALSE
0,150	0,281	0,005	0,011	0,206	FALSE
0,044	0,292	0,003	0,016	0,061	FALSE

-0,023	0,277	0,000	0,012	0,011	FALSE
-0,072	0,293	-0,002	0,009	0,078	FALSE
0,270	0,264	0,008	0,010	0,381	FALSE
0,145	0,271	0,008	0,018	0,175	FALSE
-0,192	0,282	-0,013	0,018	0,319	FALSE
0,030	0,268	0,001	0,013	0,020	FALSE
-0,020	0,299	-0,002	0,010	0,060	FALSE
-0,007	0,290	-0,001	0,011	0,028	FALSE
0,030	0,297	0,001	0,018	0,011	FALSE
-0,050	0,290	-0,001	0,013	0,034	FALSE
-0,046	0,284	0,000	0,013	0,004	FALSE
-0,199	0,261	-0,009	0,012	0,334	FALSE
0,146	0,290	0,006	0,011	0,238	FALSE
0,021	0,281	0,001	0,009	0,061	FALSE
-0,023	0,286	-0,001	0,018	0,023	FALSE
-0,032	0,293	0,001	0,016	0,032	FALSE
0,026	0,299	0,001	0,009	0,055	FALSE
-0,050	0,282	-0,003	0,012	0,113	FALSE
-0,055	0,280	-0,001	0,011	0,027	FALSE
-0,068	0,296	-0,003	0,017	0,064	FALSE
-0,067	0,280	-0,002	0,017	0,045	FALSE
-0,060	0,282	-0,001	0,016	0,030	FALSE
0,081	0,299	0,005	0,018	0,116	FALSE
-0,085	0,283	-0,003	0,017	0,072	FALSE
-0,035	0,290	0,002	0,012	0,050	FALSE
-0,155	0,266	-0,003	0,008	0,118	FALSE
-0,033	0,294	-0,001	0,009	0,029	FALSE
0,083	0,296	0,003	0,013	0,099	FALSE
-0,173	0,281	-0,008	0,012	0,293	FALSE
0,184	0,273	0,010	0,015	0,277	FALSE
0,069	0,297	0,004	0,016	0,096	FALSE
-0,014	0,287	0,000	0,013	0,004	FALSE
0,023	0,284	-0,001	0,016	0,012	FALSE
-0,011	0,287	0,000	0,016	0,004	FALSE
0,111	0,277	0,006	0,013	0,188	FALSE
0,083	0,290	0,002	0,015	0,038	FALSE
0,007	0,289	-0,001	0,017	0,028	FALSE
0,087	0,290	0,004	0,012	0,127	FALSE
0,155	0,269	0,004	0,010	0,171	FALSE
-0,107	0,278	-0,005	0,014	0,138	FALSE
-0,012	0,292	0,001	0,012	0,019	FALSE
-0,019	0,272	-0,004	0,013	0,132	FALSE
-0,103	0,297	-0,005	0,016	0,112	FALSE
-0,196	0,268	-0,009	0,015	0,258	FALSE
0,030	0,290	0,001	0,015	0,036	FALSE
-0,008	0,275	0,000	0,011	0,014	FALSE
0,069	0,277	0,003	0,014	0,091	FALSE
0,165	0,266	0,010	0,016	0,275	FALSE
-0,086	0,294	-0,006	0,014	0,168	FALSE
0,102	0,283	0,005	0,012	0,173	FALSE
-0,153	0,287	-0,007	0,016	0,180	FALSE
-0,145	0,277	-0,006	0,015	0,156	FALSE
-0,147	0,276	-0,005	0,010	0,186	FALSE

-0,122	0,285	-0,005	0,015	0,127	FALSE
0,098	0,273	0,003	0,010	0,104	FALSE
-0,034	0,290	-0,002	0,014	0,046	FALSE
-0,012	0,283	-0,001	0,011	0,020	FALSE
-0,105	0,280	-0,003	0,009	0,106	FALSE
-0,080	0,284	-0,003	0,017	0,065	FALSE
0,025	0,291	0,000	0,011	0,013	FALSE
-0,135	0,291	-0,008	0,017	0,202	FALSE
0,020	0,279	0,002	0,016	0,055	FALSE
-0,170	0,262	-0,007	0,013	0,229	FALSE
0,075	0,290	0,003	0,017	0,070	FALSE
0,045	0,288	0,000	0,018	0,005	FALSE
-0,044	0,284	-0,002	0,017	0,042	FALSE
-0,134	0,282	-0,006	0,013	0,205	FALSE
-0,056	0,283	-0,004	0,015	0,108	FALSE
-0,041	0,282	-0,001	0,010	0,048	FALSE
0,000	0,291	0,000	0,015	0,006	FALSE
0,030	0,291	0,002	0,015	0,035	FALSE
-0,118	0,280	-0,004	0,014	0,119	FALSE
-0,171	0,265	-0,008	0,011	0,326	FALSE
-0,119	0,267	-0,004	0,014	0,108	FALSE
0,046	0,277	0,000	0,010	0,009	FALSE
-0,084	0,289	-0,002	0,009	0,070	FALSE
0,054	0,281	0,005	0,017	0,107	FALSE
0,024	0,297	0,002	0,018	0,049	FALSE
-0,145	0,286	-0,003	0,010	0,111	FALSE
-0,121	0,272	-0,004	0,010	0,146	FALSE
-0,061	0,281	-0,003	0,009	0,111	FALSE
0,080	0,275	0,005	0,012	0,175	FALSE
-0,023	0,284	-0,002	0,011	0,064	FALSE
-0,018	0,280	0,001	0,016	0,019	FALSE
-0,108	0,291	-0,004	0,017	0,079	FALSE
0,108	0,281	0,003	0,009	0,133	FALSE
0,016	0,288	0,000	0,009	0,008	FALSE
-0,056	0,297	-0,002	0,010	0,070	FALSE
0,078	0,271	0,005	0,016	0,130	FALSE
0,070	0,276	0,005	0,017	0,123	FALSE
0,023	0,295	0,002	0,017	0,037	FALSE
0,174	0,276	0,006	0,010	0,253	FALSE
-0,090	0,280	-0,005	0,017	0,118	FALSE
-0,090	0,291	-0,003	0,009	0,133	FALSE
0,209	0,277	0,009	0,015	0,272	FALSE
-0,070	0,285	-0,002	0,009	0,104	FALSE
-0,025	0,278	0,000	0,009	0,009	FALSE
-0,184	0,267	-0,009	0,017	0,230	FALSE
-0,025	0,280	0,001	0,016	0,022	FALSE
0,105	0,287	0,004	0,011	0,129	FALSE
0,031	0,279	0,002	0,010	0,067	FALSE
-0,057	0,280	-0,001	0,009	0,043	FALSE
0,167	0,272	0,007	0,014	0,201	FALSE
0,007	0,287	0,001	0,014	0,017	FALSE
-0,009	0,301	-0,001	0,009	0,041	FALSE
-0,157	0,285	-0,007	0,015	0,199	FALSE

-0,046	0,307	0,001	0,016	0,013	FALSE
-0,128	0,284	-0,003	0,009	0,108	FALSE
0,151	0,275	0,006	0,010	0,258	FALSE
-0,134	0,286	-0,007	0,014	0,204	FALSE
-0,071	0,286	-0,001	0,015	0,028	FALSE
0,070	0,283	0,003	0,009	0,123	FALSE
0,056	0,304	0,001	0,012	0,044	FALSE
0,098	0,286	0,003	0,010	0,137	FALSE
0,100	0,290	0,006	0,017	0,144	FALSE
-0,152	0,278	-0,009	0,017	0,238	FALSE
-0,144	0,282	-0,007	0,017	0,162	FALSE
0,050	0,277	0,003	0,011	0,108	FALSE
-0,002	0,279	0,000	0,011	0,004	FALSE
-0,095	0,282	-0,004	0,012	0,135	FALSE
0,111	0,272	0,003	0,012	0,082	FALSE
0,076	0,274	0,002	0,010	0,057	FALSE
-0,010	0,298	0,001	0,012	0,017	FALSE
0,111	0,277	0,007	0,014	0,219	FALSE
-0,126	0,274	-0,004	0,009	0,208	FALSE
0,095	0,283	0,002	0,013	0,066	FALSE
0,162	0,271	0,007	0,015	0,205	FALSE
0,072	0,283	0,002	0,017	0,044	FALSE
-0,119	0,279	-0,007	0,016	0,180	FALSE
-0,074	0,276	-0,004	0,017	0,085	FALSE
0,221	0,277	0,014	0,017	0,397	FALSE
0,083	0,268	0,001	0,010	0,049	FALSE
0,057	0,289	0,003	0,013	0,086	FALSE
-0,002	0,277	-0,004	0,017	0,080	FALSE
-0,097	0,286	-0,003	0,010	0,107	FALSE
-0,015	0,289	0,000	0,013	0,011	FALSE
0,063	0,279	0,000	0,016	0,004	FALSE
0,032	0,293	0,003	0,016	0,063	FALSE
-0,026	0,292	-0,001	0,016	0,033	FALSE
-0,081	0,295	-0,004	0,016	0,094	FALSE
-0,024	0,291	-0,001	0,016	0,028	FALSE
0,133	0,280	0,005	0,014	0,142	FALSE
-0,110	0,288	-0,006	0,017	0,146	FALSE
-0,116	0,283	-0,008	0,018	0,166	FALSE
0,064	0,280	0,004	0,016	0,087	FALSE
0,115	0,277	0,008	0,017	0,196	FALSE
0,147	0,276	0,004	0,009	0,215	FALSE
0,011	0,287	0,002	0,011	0,057	FALSE
-0,016	0,285	0,000	0,017	0,009	FALSE
-0,079	0,267	-0,004	0,013	0,113	FALSE
0,063	0,267	0,001	0,008	0,045	FALSE
-0,037	0,289	-0,002	0,011	0,061	FALSE
-0,093	0,286	-0,004	0,017	0,077	FALSE
0,135	0,272	0,007	0,017	0,157	FALSE
-0,098	0,289	-0,002	0,011	0,077	FALSE
-0,003	0,299	0,000	0,017	0,010	FALSE
0,110	0,282	0,006	0,013	0,172	FALSE
0,043	0,285	0,001	0,010	0,025	FALSE
0,126	0,283	0,006	0,016	0,139	FALSE

0,167	0,286	0,008	0,013	0,277	FALSE
0,019	0,289	0,002	0,009	0,079	FALSE
-0,022	0,272	-0,004	0,013	0,103	FALSE
-0,081	0,290	-0,003	0,014	0,086	FALSE
-0,018	0,290	-0,002	0,012	0,050	FALSE
0,074	0,276	0,002	0,014	0,053	FALSE
-0,097	0,278	-0,005	0,014	0,140	FALSE
0,004	0,281	0,001	0,014	0,020	FALSE
-0,140	0,289	-0,005	0,014	0,165	FALSE
0,108	0,280	0,003	0,011	0,114	FALSE
0,079	0,284	0,002	0,010	0,091	FALSE
-0,083	0,299	-0,001	0,010	0,045	FALSE
0,019	0,296	0,000	0,017	0,007	FALSE
0,122	0,259	0,006	0,010	0,253	FALSE
0,049	0,292	0,000	0,012	0,003	FALSE
0,002	0,282	0,000	0,011	0,014	FALSE
-0,115	0,275	-0,004	0,009	0,166	FALSE
0,001	0,286	0,001	0,014	0,021	FALSE
0,143	0,289	0,006	0,014	0,162	FALSE
0,019	0,290	0,001	0,014	0,017	FALSE
0,131	0,280	0,004	0,010	0,139	FALSE
0,063	0,266	0,005	0,016	0,127	FALSE
0,077	0,271	0,004	0,013	0,115	FALSE
0,204	0,269	0,011	0,016	0,294	FALSE
0,033	0,281	0,001	0,012	0,015	FALSE
-0,001	0,280	0,002	0,012	0,068	FALSE
-0,042	0,280	-0,003	0,011	0,101	FALSE
0,063	0,274	0,003	0,013	0,102	FALSE
-0,096	0,287	-0,003	0,010	0,114	FALSE
0,078	0,291	0,005	0,017	0,109	FALSE
-0,011	0,289	0,000	0,012	0,002	FALSE
-0,030	0,291	-0,003	0,017	0,057	FALSE
-0,090	0,281	-0,003	0,011	0,092	FALSE
0,047	0,283	0,004	0,012	0,151	FALSE
0,009	0,288	0,001	0,012	0,043	FALSE
0,004	0,281	-0,002	0,017	0,052	FALSE
-0,040	0,295	-0,001	0,010	0,020	FALSE
-0,018	0,286	-0,001	0,009	0,036	FALSE
-0,002	0,293	0,001	0,014	0,014	FALSE
-0,103	0,267	-0,004	0,009	0,203	FALSE
-0,124	0,273	-0,005	0,009	0,228	FALSE
-0,010	0,291	-0,002	0,010	0,059	FALSE
-0,008	0,287	-0,001	0,011	0,040	FALSE
-0,083	0,288	-0,007	0,015	0,180	FALSE
-0,084	0,281	-0,006	0,014	0,179	FALSE
0,002	0,292	0,000	0,014	0,005	FALSE
-0,021	0,283	-0,001	0,010	0,039	FALSE
0,162	0,296	0,005	0,009	0,228	FALSE
-0,049	0,283	-0,002	0,012	0,058	FALSE
0,076	0,272	0,005	0,014	0,128	FALSE
0,268	0,260	0,017	0,017	0,487	FALSE
-0,137	0,287	-0,003	0,010	0,134	FALSE
0,064	0,289	0,002	0,013	0,065	FALSE

0,046	0,275	0,001	0,012	0,023	FALSE
0,065	0,301	0,002	0,014	0,042	FALSE
-0,086	0,287	-0,004	0,013	0,119	FALSE
-0,083	0,268	-0,002	0,011	0,080	FALSE
0,038	0,289	0,003	0,013	0,101	FALSE
-0,027	0,291	-0,003	0,015	0,069	FALSE
0,197	0,281	0,007	0,012	0,240	FALSE
0,130	0,287	0,004	0,010	0,169	FALSE
-0,149	0,278	-0,007	0,017	0,178	FALSE
-0,094	0,272	-0,007	0,015	0,190	FALSE
-0,034	0,285	-0,002	0,013	0,055	FALSE
-0,060	0,283	-0,003	0,009	0,119	FALSE
0,007	0,253	0,000	0,014	0,008	FALSE
-0,009	0,277	0,002	0,009	0,064	FALSE
-0,010	0,257	-0,001	0,015	0,027	FALSE
0,024	0,286	0,002	0,012	0,059	FALSE
0,013	0,278	0,001	0,013	0,030	FALSE
0,086	0,285	0,001	0,010	0,036	FALSE
0,109	0,286	0,004	0,012	0,147	FALSE
0,035	0,296	0,001	0,013	0,017	FALSE
0,191	0,276	0,006	0,010	0,223	FALSE
0,050	0,281	0,003	0,014	0,090	FALSE
0,093	0,264	0,004	0,010	0,155	FALSE
0,078	0,288	0,003	0,011	0,118	FALSE
-0,125	0,275	-0,006	0,015	0,160	FALSE
-0,142	0,278	-0,004	0,012	0,149	FALSE
-0,138	0,275	-0,008	0,016	0,199	FALSE
0,038	0,290	0,001	0,010	0,037	FALSE
0,006	0,295	-0,001	0,013	0,035	FALSE
0,045	0,289	0,002	0,012	0,063	FALSE
0,105	0,282	0,003	0,017	0,070	FALSE
-0,166	0,296	-0,005	0,010	0,189	FALSE
-0,263	0,282	-0,017	0,016	0,528	FALSE
-0,090	0,291	-0,003	0,014	0,069	FALSE
-0,068	0,287	-0,006	0,013	0,191	FALSE
-0,038	0,290	0,000	0,009	0,007	FALSE
0,010	0,294	0,001	0,009	0,026	FALSE
0,018	0,294	0,000	0,009	0,005	FALSE
-0,210	0,273	-0,008	0,011	0,311	FALSE
-0,019	0,285	-0,002	0,016	0,053	FALSE
-0,051	0,284	-0,002	0,009	0,068	FALSE
-0,108	0,276	-0,005	0,010	0,195	FALSE
0,029	0,289	0,001	0,009	0,046	FALSE
-0,162	0,274	-0,006	0,010	0,280	FALSE
-0,151	0,274	-0,006	0,011	0,250	FALSE
0,211	0,288	0,011	0,014	0,366	FALSE
-0,008	0,287	-0,003	0,018	0,055	FALSE
0,037	0,292	-0,001	0,014	0,015	FALSE
-0,078	0,281	-0,004	0,014	0,126	FALSE
0,037	0,291	0,000	0,010	0,005	FALSE
0,133	0,278	0,003	0,010	0,115	FALSE
0,031	0,291	-0,001	0,012	0,016	FALSE
-0,043	0,291	-0,001	0,010	0,052	FALSE

0,026	0,282	-0,001	0,014	0,016	FALSE
0,092	0,287	0,002	0,013	0,056	FALSE
-0,145	0,286	-0,006	0,012	0,221	FALSE
-0,202	0,273	-0,011	0,017	0,278	FALSE
-0,148	0,290	-0,006	0,012	0,213	FALSE
0,058	0,294	0,002	0,009	0,088	FALSE
0,029	0,278	0,000	0,017	0,006	FALSE
0,044	0,290	0,000	0,010	0,019	FALSE
0,167	0,286	0,007	0,011	0,271	FALSE
0,158	0,279	0,008	0,016	0,217	FALSE
0,161	0,280	0,010	0,017	0,260	FALSE
-0,259	0,271	-0,015	0,017	0,440	FALSE
0,173	0,286	0,006	0,013	0,169	FALSE
0,206	0,283	0,008	0,014	0,231	FALSE
0,105	0,286	0,003	0,014	0,067	FALSE
0,036	0,270	0,002	0,009	0,073	FALSE
-0,047	0,286	-0,001	0,012	0,045	FALSE
0,008	0,288	0,004	0,013	0,115	FALSE
-0,003	0,282	0,001	0,011	0,031	FALSE
-0,051	0,277	-0,005	0,017	0,112	FALSE
0,073	0,278	0,001	0,017	0,020	FALSE
-0,047	0,275	-0,002	0,015	0,061	FALSE
-0,107	0,273	-0,003	0,009	0,116	FALSE
0,058	0,282	0,002	0,009	0,075	FALSE
0,120	0,271	0,003	0,010	0,136	FALSE
0,032	0,294	0,000	0,017	0,008	FALSE
-0,030	0,299	0,000	0,017	0,003	FALSE
0,035	0,277	0,005	0,017	0,121	FALSE
0,187	0,264	0,005	0,014	0,158	FALSE
0,067	0,279	0,004	0,013	0,130	FALSE
0,017	0,273	0,000	0,011	0,000	FALSE
0,008	0,303	0,000	0,009	0,012	FALSE
0,061	0,293	0,004	0,010	0,159	FALSE
0,123	0,287	0,006	0,015	0,155	FALSE
0,008	0,296	0,000	0,015	0,006	FALSE
-0,161	0,286	-0,010	0,015	0,310	FALSE
-0,059	0,287	-0,001	0,009	0,037	FALSE
0,152	0,290	0,003	0,009	0,153	FALSE
-0,081	0,283	-0,002	0,010	0,070	FALSE
-0,082	0,278	-0,002	0,009	0,065	FALSE
0,007	0,282	0,000	0,016	0,005	FALSE
0,091	0,270	0,005	0,014	0,134	FALSE
0,036	0,293	0,000	0,009	0,001	FALSE
0,223	0,277	0,012	0,017	0,330	FALSE
0,032	0,284	0,003	0,018	0,052	FALSE
-0,084	0,275	-0,003	0,011	0,087	FALSE
0,161	0,291	0,007	0,014	0,234	FALSE
0,022	0,298	0,003	0,019	0,063	FALSE
0,136	0,280	0,005	0,009	0,232	FALSE
0,172	0,269	0,007	0,014	0,211	FALSE
0,031	0,290	0,002	0,014	0,048	FALSE
0,265	0,261	0,008	0,009	0,417	FALSE
-0,101	0,278	-0,003	0,008	0,146	FALSE

0,100	0,284	0,008	0,018	0,181	FALSE
0,025	0,298	0,000	0,016	0,001	FALSE
0,007	0,278	0,001	0,013	0,027	FALSE
-0,060	0,293	-0,004	0,014	0,109	FALSE
-0,011	0,292	-0,002	0,015	0,048	FALSE
0,100	0,281	0,004	0,011	0,126	FALSE
-0,132	0,285	-0,007	0,016	0,182	FALSE
-0,029	0,302	-0,001	0,016	0,018	FALSE
0,031	0,270	0,001	0,015	0,017	FALSE
0,090	0,278	0,002	0,010	0,061	FALSE
0,125	0,271	0,003	0,011	0,109	FALSE
-0,107	0,272	-0,005	0,013	0,144	FALSE
-0,083	0,276	-0,006	0,014	0,163	FALSE
0,067	0,274	0,003	0,011	0,117	FALSE
0,002	0,288	0,000	0,010	0,012	FALSE
-0,132	0,276	-0,004	0,017	0,102	FALSE
-0,021	0,285	0,000	0,014	0,001	FALSE
-0,206	0,282	-0,005	0,009	0,239	FALSE
-0,052	0,282	-0,001	0,012	0,034	FALSE
0,111	0,259	0,002	0,012	0,075	FALSE
0,166	0,267	0,008	0,011	0,305	FALSE
-0,042	0,270	-0,001	0,009	0,060	FALSE
-0,093	0,284	-0,003	0,012	0,111	FALSE
-0,036	0,285	-0,001	0,011	0,016	FALSE
0,128	0,276	0,005	0,011	0,202	FALSE
-0,135	0,286	-0,004	0,011	0,147	FALSE
0,006	0,277	-0,002	0,016	0,037	FALSE
-0,109	0,288	-0,005	0,011	0,170	FALSE
-0,137	0,280	-0,008	0,018	0,201	FALSE
0,057	0,289	0,001	0,009	0,046	FALSE
-0,081	0,281	-0,002	0,011	0,050	FALSE
-0,052	0,271	0,001	0,013	0,032	FALSE
0,022	0,286	0,002	0,010	0,059	FALSE
0,115	0,282	0,004	0,017	0,098	FALSE
-0,055	0,294	-0,002	0,009	0,097	FALSE
-0,017	0,277	-0,002	0,016	0,047	FALSE
0,002	0,282	-0,001	0,017	0,021	FALSE
0,129	0,282	0,003	0,008	0,156	FALSE
-0,091	0,267	-0,006	0,016	0,142	FALSE
-0,059	0,295	-0,003	0,012	0,104	FALSE
-0,114	0,269	-0,007	0,016	0,168	FALSE
0,113	0,274	0,003	0,010	0,132	FALSE
-0,163	0,293	-0,009	0,017	0,238	FALSE
0,103	0,273	0,003	0,013	0,081	FALSE
0,175	0,280	0,010	0,017	0,274	FALSE
0,114	0,271	0,003	0,013	0,089	FALSE
-0,068	0,289	-0,002	0,010	0,062	FALSE
0,134	0,262	0,005	0,013	0,139	FALSE
0,098	0,287	0,006	0,014	0,164	FALSE
-0,034	0,277	-0,003	0,017	0,074	FALSE
0,042	0,297	0,002	0,012	0,047	FALSE
-0,045	0,276	-0,002	0,009	0,091	FALSE
-0,126	0,284	-0,005	0,012	0,162	FALSE

-0,049	0,278	-0,002	0,008	0,071	FALSE
0,039	0,294	0,003	0,009	0,133	FALSE
0,047	0,297	0,002	0,009	0,069	FALSE
-0,092	0,277	-0,001	0,010	0,027	FALSE
-0,166	0,267	-0,005	0,015	0,134	FALSE
0,048	0,305	0,002	0,016	0,053	FALSE
-0,095	0,273	-0,004	0,011	0,156	FALSE
0,225	0,276	0,012	0,013	0,413	FALSE
0,023	0,303	-0,001	0,015	0,017	FALSE
0,002	0,290	-0,001	0,011	0,036	FALSE
-0,074	0,288	-0,005	0,013	0,144	FALSE
-0,148	0,281	-0,009	0,015	0,266	FALSE
-0,031	0,274	-0,001	0,016	0,022	FALSE
-0,017	0,278	-0,002	0,013	0,065	FALSE
0,129	0,268	0,003	0,009	0,142	FALSE
-0,058	0,294	-0,002	0,009	0,080	FALSE
-0,054	0,297	0,000	0,009	0,016	FALSE
0,069	0,279	0,003	0,016	0,064	FALSE
-0,083	0,284	-0,002	0,010	0,076	FALSE
0,196	0,271	0,012	0,017	0,302	FALSE
0,118	0,272	0,008	0,017	0,202	FALSE
0,024	0,286	0,001	0,009	0,024	FALSE
-0,013	0,276	-0,001	0,013	0,028	FALSE
-0,147	0,279	-0,006	0,014	0,192	FALSE
-0,003	0,277	0,000	0,017	0,003	FALSE
0,043	0,287	0,003	0,016	0,072	FALSE
0,020	0,290	0,001	0,010	0,027	FALSE
-0,129	0,287	-0,006	0,014	0,178	FALSE
-0,009	0,278	-0,001	0,013	0,025	FALSE
0,017	0,267	0,000	0,008	0,006	FALSE
0,033	0,271	0,001	0,010	0,036	FALSE
-0,034	0,287	-0,002	0,016	0,036	FALSE
-0,009	0,277	-0,002	0,017	0,034	FALSE
0,016	0,280	-0,001	0,017	0,023	FALSE
0,128	0,286	0,004	0,011	0,157	FALSE
-0,136	0,289	-0,004	0,010	0,145	FALSE
0,082	0,286	0,002	0,016	0,046	FALSE
-0,116	0,283	-0,003	0,010	0,109	FALSE
-0,118	0,282	-0,009	0,016	0,262	FALSE
-0,111	0,291	-0,003	0,010	0,128	FALSE
-0,092	0,296	-0,006	0,014	0,163	FALSE
-0,176	0,278	-0,005	0,009	0,212	FALSE
0,011	0,280	0,001	0,010	0,019	FALSE
-0,015	0,298	-0,001	0,018	0,025	FALSE
-0,036	0,286	-0,004	0,014	0,104	FALSE
0,016	0,285	-0,002	0,017	0,034	FALSE
-0,028	0,291	0,000	0,015	0,011	FALSE
0,106	0,283	0,006	0,014	0,177	FALSE
-0,071	0,293	-0,002	0,010	0,076	FALSE
-0,264	0,279	-0,015	0,017	0,424	FALSE
-0,266	0,268	-0,015	0,017	0,405	FALSE
-0,157	0,278	-0,005	0,011	0,198	FALSE
-0,120	0,279	-0,006	0,014	0,182	FALSE

-0,007	0,295	0,001	0,012	0,018	FALSE
0,068	0,270	0,002	0,014	0,060	FALSE
0,015	0,281	0,000	0,013	0,009	FALSE
-0,010	0,284	-0,001	0,010	0,027	FALSE
0,201	0,283	0,005	0,009	0,260	FALSE
0,224	0,262	0,008	0,011	0,361	FALSE
0,178	0,274	0,006	0,010	0,275	FALSE
-0,172	0,277	-0,006	0,009	0,262	FALSE
0,066	0,288	0,002	0,010	0,073	FALSE
0,123	0,284	0,004	0,009	0,185	FALSE
-0,110	0,286	-0,003	0,010	0,120	FALSE
0,072	0,290	0,006	0,016	0,147	FALSE
0,122	0,274	0,004	0,015	0,105	FALSE
0,009	0,268	0,000	0,010	0,016	FALSE
-0,182	0,297	-0,005	0,010	0,220	FALSE
0,094	0,280	0,003	0,018	0,065	FALSE
0,069	0,286	0,001	0,018	0,029	FALSE
-0,076	0,283	-0,003	0,010	0,108	FALSE
0,126	0,280	0,004	0,012	0,132	FALSE
0,021	0,293	0,001	0,009	0,032	FALSE
-0,012	0,277	-0,002	0,011	0,062	FALSE
-0,128	0,284	-0,005	0,015	0,142	FALSE
-0,072	0,284	-0,005	0,015	0,121	FALSE
0,009	0,278	0,000	0,011	0,013	FALSE
0,187	0,283	0,009	0,014	0,263	FALSE
-0,086	0,283	-0,002	0,010	0,089	FALSE
0,203	0,281	0,010	0,014	0,320	FALSE
-0,076	0,291	-0,002	0,011	0,057	FALSE
-0,101	0,274	-0,004	0,015	0,096	FALSE
0,155	0,271	0,006	0,014	0,180	FALSE
0,156	0,278	0,006	0,014	0,192	FALSE
0,112	0,277	0,004	0,009	0,158	FALSE
0,168	0,274	0,006	0,013	0,196	FALSE
0,140	0,275	0,009	0,016	0,227	FALSE
0,148	0,271	0,009	0,016	0,235	FALSE
0,089	0,263	0,006	0,018	0,125	FALSE
0,181	0,276	0,008	0,013	0,264	FALSE
-0,156	0,276	-0,009	0,017	0,224	FALSE
-0,150	0,280	-0,008	0,018	0,194	FALSE
0,133	0,262	0,002	0,008	0,110	FALSE
0,125	0,274	0,005	0,011	0,186	FALSE
0,039	0,282	0,003	0,016	0,070	FALSE
0,103	0,278	0,002	0,010	0,086	FALSE
-0,013	0,290	0,001	0,011	0,017	FALSE
-0,164	0,286	-0,005	0,012	0,181	FALSE
0,022	0,304	0,001	0,018	0,025	FALSE
-0,204	0,281	-0,008	0,013	0,286	FALSE
0,148	0,291	0,008	0,015	0,228	FALSE
0,055	0,274	0,001	0,015	0,030	FALSE
0,023	0,297	0,001	0,012	0,021	FALSE
-0,026	0,286	0,001	0,012	0,033	FALSE
0,095	0,278	0,004	0,010	0,162	FALSE
-0,084	0,277	-0,002	0,009	0,070	FALSE

0,122	0,283	0,004	0,009	0,175	FALSE
-0,102	0,282	-0,006	0,017	0,133	FALSE
-0,179	0,288	-0,012	0,018	0,302	FALSE
-0,076	0,276	-0,005	0,013	0,159	FALSE
-0,146	0,273	-0,007	0,014	0,209	FALSE
-0,100	0,283	-0,005	0,012	0,192	FALSE
-0,029	0,283	0,000	0,010	0,001	FALSE
-0,077	0,278	-0,001	0,010	0,054	FALSE
-0,083	0,273	-0,002	0,009	0,067	FALSE
0,089	0,291	0,002	0,010	0,082	FALSE
-0,026	0,287	0,002	0,014	0,058	FALSE
-0,113	0,289	-0,003	0,013	0,088	FALSE
0,213	0,271	0,006	0,012	0,211	FALSE
0,144	0,267	0,007	0,014	0,217	FALSE
-0,150	0,278	-0,003	0,010	0,132	FALSE
0,039	0,288	0,001	0,009	0,033	FALSE
0,113	0,265	0,004	0,010	0,177	FALSE
-0,103	0,269	-0,005	0,013	0,162	FALSE
-0,151	0,265	-0,004	0,011	0,156	FALSE
-0,008	0,266	-0,003	0,012	0,090	FALSE
-0,028	0,271	-0,003	0,014	0,084	FALSE
0,127	0,287	0,005	0,012	0,157	FALSE
0,148	0,291	0,005	0,011	0,184	FALSE
0,004	0,299	-0,001	0,017	0,028	FALSE
0,053	0,292	0,002	0,015	0,048	FALSE
0,088	0,275	0,003	0,010	0,100	FALSE
-0,158	0,294	-0,006	0,011	0,219	FALSE
-0,271	0,266	-0,014	0,016	0,400	FALSE
0,127	0,299	0,003	0,010	0,117	FALSE
-0,023	0,284	0,000	0,014	0,004	FALSE
-0,070	0,273	-0,002	0,012	0,050	FALSE
-0,103	0,280	-0,003	0,009	0,152	FALSE
-0,113	0,276	-0,004	0,009	0,165	FALSE
0,038	0,278	0,003	0,011	0,106	FALSE
-0,244	0,270	-0,011	0,014	0,379	FALSE
-0,080	0,285	-0,004	0,015	0,095	FALSE
-0,321	0,253	-0,017	0,016	0,541	FALSE
0,003	0,301	-0,001	0,016	0,025	FALSE
-0,099	0,295	-0,003	0,013	0,075	FALSE
0,036	0,262	0,007	0,015	0,200	FALSE
-0,015	0,272	0,004	0,015	0,094	FALSE
0,156	0,270	0,004	0,011	0,144	FALSE
-0,003	0,287	-0,002	0,015	0,044	FALSE
0,081	0,277	0,001	0,010	0,033	FALSE
0,030	0,278	0,003	0,014	0,069	FALSE
0,151	0,281	0,008	0,017	0,188	FALSE
-0,176	0,282	-0,006	0,009	0,287	FALSE
-0,152	0,277	-0,006	0,012	0,222	FALSE
0,157	0,283	0,009	0,016	0,241	FALSE
-0,003	0,291	0,000	0,010	0,004	FALSE
-0,081	0,270	-0,006	0,017	0,151	FALSE
-0,107	0,267	-0,007	0,016	0,182	FALSE
0,042	0,283	0,001	0,010	0,038	FALSE

-0,001	0,280	0,000	0,009	0,000	FALSE
0,123	0,278	0,005	0,012	0,172	FALSE
0,151	0,281	0,004	0,010	0,145	FALSE
0,114	0,286	0,004	0,017	0,099	FALSE
-0,043	0,292	-0,002	0,009	0,103	FALSE
-0,165	0,266	-0,008	0,016	0,232	FALSE
0,010	0,282	0,003	0,013	0,089	FALSE
0,089	0,270	0,001	0,008	0,045	FALSE
-0,155	0,276	-0,007	0,016	0,186	FALSE
-0,192	0,282	-0,009	0,014	0,277	FALSE
0,114	0,282	0,007	0,017	0,158	FALSE
0,057	0,276	0,000	0,015	0,007	FALSE
0,059	0,267	0,004	0,016	0,087	FALSE
-0,138	0,297	-0,005	0,010	0,193	FALSE
0,131	0,272	0,004	0,008	0,180	FALSE
0,011	0,286	0,000	0,009	0,014	FALSE
0,091	0,278	0,003	0,011	0,116	FALSE
-0,021	0,277	-0,001	0,010	0,032	FALSE
-0,100	0,259	-0,003	0,010	0,126	FALSE
-0,067	0,296	-0,003	0,015	0,086	FALSE
0,038	0,284	0,002	0,015	0,061	FALSE
-0,098	0,293	-0,003	0,009	0,143	FALSE
-0,146	0,281	-0,009	0,014	0,279	FALSE
-0,013	0,279	-0,002	0,014	0,051	FALSE
-0,032	0,275	0,000	0,011	0,015	FALSE
-0,197	0,257	-0,009	0,014	0,285	FALSE
0,031	0,278	0,005	0,013	0,143	FALSE
0,054	0,287	0,001	0,010	0,035	FALSE
0,096	0,277	0,002	0,009	0,074	FALSE
0,128	0,288	0,005	0,009	0,231	FALSE
-0,112	0,277	-0,005	0,012	0,195	FALSE
-0,110	0,294	-0,006	0,012	0,220	FALSE
-0,108	0,277	-0,007	0,013	0,222	FALSE
-0,064	0,261	-0,002	0,016	0,037	FALSE
0,102	0,266	0,004	0,016	0,105	FALSE
-0,043	0,285	-0,001	0,011	0,045	FALSE
-0,101	0,285	-0,002	0,013	0,063	FALSE
-0,061	0,273	-0,002	0,009	0,085	FALSE
-0,024	0,293	0,000	0,009	0,009	FALSE
0,032	0,300	0,002	0,016	0,038	FALSE
-0,065	0,269	-0,003	0,015	0,065	FALSE
0,125	0,286	0,002	0,010	0,090	FALSE
0,207	0,261	0,009	0,015	0,266	FALSE
-0,073	0,278	-0,002	0,010	0,078	FALSE
-0,094	0,282	-0,004	0,016	0,082	FALSE
-0,056	0,296	-0,001	0,009	0,058	FALSE
-0,135	0,298	-0,003	0,009	0,142	FALSE
-0,234	0,274	-0,010	0,013	0,346	FALSE
-0,091	0,272	-0,006	0,017	0,140	FALSE
-0,116	0,263	-0,008	0,016	0,218	FALSE
-0,020	0,287	-0,002	0,015	0,041	FALSE
-0,064	0,284	-0,004	0,016	0,100	FALSE
0,014	0,291	0,000	0,009	0,007	FALSE

-0,085	0,283	-0,004	0,016	0,100	FALSE
0,188	0,292	0,007	0,013	0,246	FALSE
-0,091	0,289	-0,004	0,017	0,095	FALSE
-0,112	0,296	-0,007	0,017	0,168	FALSE
0,149	0,278	0,006	0,012	0,199	FALSE
0,097	0,253	0,006	0,015	0,147	FALSE
-0,071	0,265	-0,006	0,017	0,152	FALSE
-0,185	0,304	-0,005	0,010	0,237	FALSE
-0,014	0,295	0,000	0,018	0,001	FALSE
-0,014	0,284	0,001	0,009	0,033	FALSE
0,022	0,285	0,001	0,014	0,013	FALSE
-0,067	0,274	-0,002	0,011	0,075	FALSE
0,083	0,288	0,004	0,016	0,104	FALSE
-0,051	0,291	-0,001	0,011	0,023	FALSE
0,173	0,280	0,005	0,011	0,177	FALSE
0,008	0,290	-0,001	0,013	0,019	FALSE
0,120	0,285	0,002	0,011	0,081	FALSE
-0,210	0,272	-0,008	0,012	0,303	FALSE
-0,251	0,282	-0,008	0,011	0,324	FALSE
-0,139	0,275	-0,007	0,017	0,162	FALSE
0,106	0,286	0,004	0,009	0,158	FALSE
-0,185	0,289	-0,007	0,014	0,208	FALSE
0,069	0,274	0,002	0,017	0,052	FALSE
0,060	0,293	0,003	0,009	0,113	FALSE
0,124	0,288	0,005	0,012	0,180	FALSE
0,124	0,278	0,006	0,009	0,271	FALSE
0,115	0,265	0,003	0,010	0,128	FALSE
0,064	0,274	0,002	0,008	0,110	FALSE
0,153	0,271	0,006	0,012	0,218	FALSE
-0,063	0,278	-0,005	0,015	0,131	FALSE
-0,066	0,286	-0,001	0,014	0,021	FALSE
0,075	0,261	0,000	0,013	0,004	FALSE
0,141	0,285	0,006	0,013	0,190	FALSE
-0,088	0,263	-0,005	0,012	0,162	FALSE
0,040	0,286	0,003	0,015	0,072	FALSE
0,074	0,289	0,003	0,017	0,066	FALSE
0,142	0,280	0,007	0,016	0,173	FALSE
0,131	0,286	0,009	0,017	0,215	FALSE
-0,080	0,290	-0,006	0,017	0,135	FALSE
0,284	0,266	0,008	0,008	0,479	FALSE
-0,136	0,283	-0,004	0,010	0,166	FALSE
0,010	0,281	-0,001	0,009	0,033	FALSE
-0,028	0,270	-0,002	0,009	0,090	FALSE
-0,012	0,270	-0,002	0,017	0,049	FALSE
0,046	0,279	0,001	0,012	0,041	FALSE
0,024	0,300	0,002	0,015	0,060	FALSE
-0,087	0,282	-0,004	0,012	0,147	FALSE
0,037	0,290	0,002	0,017	0,038	FALSE
0,002	0,285	-0,001	0,016	0,014	FALSE
-0,008	0,275	-0,002	0,016	0,035	FALSE
-0,064	0,291	-0,003	0,010	0,102	FALSE
0,092	0,273	0,003	0,014	0,093	FALSE
0,101	0,262	0,004	0,014	0,111	FALSE

0,107	0,284	0,004	0,015	0,111	FALSE
0,099	0,270	0,004	0,014	0,110	FALSE
-0,190	0,286	-0,008	0,015	0,225	FALSE
0,196	0,277	0,011	0,017	0,283	FALSE
0,166	0,274	0,010	0,017	0,243	FALSE
0,186	0,270	0,010	0,017	0,267	FALSE
0,133	0,289	0,008	0,018	0,190	FALSE
-0,188	0,274	-0,005	0,009	0,209	FALSE
0,072	0,300	0,005	0,018	0,105	FALSE
0,170	0,279	0,009	0,017	0,222	FALSE
-0,191	0,279	-0,005	0,010	0,219	FALSE
-0,117	0,284	-0,006	0,017	0,150	FALSE
-0,170	0,290	-0,008	0,016	0,209	FALSE
-0,235	0,286	-0,006	0,009	0,294	FALSE
-0,051	0,268	-0,005	0,014	0,137	FALSE
-0,058	0,267	-0,004	0,016	0,105	FALSE
-0,019	0,268	0,001	0,009	0,051	FALSE
-0,092	0,284	-0,004	0,011	0,140	FALSE
-0,039	0,295	-0,001	0,010	0,039	FALSE
0,248	0,271	0,007	0,009	0,355	FALSE
0,074	0,270	0,003	0,015	0,081	FALSE
0,108	0,287	0,003	0,012	0,110	FALSE
-0,197	0,257	-0,007	0,013	0,257	FALSE
-0,066	0,290	-0,004	0,012	0,115	FALSE
0,060	0,282	0,001	0,009	0,027	FALSE
0,040	0,285	0,000	0,010	0,009	FALSE
-0,062	0,287	-0,001	0,009	0,051	FALSE
-0,166	0,292	-0,008	0,017	0,191	FALSE
0,082	0,291	0,002	0,015	0,055	FALSE
0,119	0,286	0,005	0,016	0,135	FALSE
-0,054	0,271	-0,002	0,012	0,077	FALSE
-0,084	0,283	-0,004	0,013	0,121	FALSE
0,020	0,276	0,000	0,009	0,019	FALSE
-0,037	0,282	-0,002	0,012	0,071	FALSE
-0,113	0,294	-0,005	0,017	0,114	FALSE
0,095	0,284	0,005	0,013	0,163	FALSE
0,005	0,275	0,001	0,017	0,019	FALSE
-0,112	0,263	-0,004	0,011	0,128	FALSE
-0,080	0,292	-0,005	0,016	0,114	FALSE
0,180	0,254	0,008	0,017	0,209	FALSE
0,094	0,284	0,004	0,011	0,153	FALSE
0,144	0,277	0,008	0,018	0,190	FALSE
0,201	0,264	0,010	0,018	0,241	FALSE
-0,035	0,289	-0,001	0,011	0,043	FALSE
-0,121	0,298	-0,006	0,014	0,178	FALSE
0,113	0,281	0,006	0,012	0,214	FALSE
-0,060	0,291	-0,003	0,011	0,106	FALSE
-0,087	0,298	-0,003	0,011	0,116	FALSE
0,049	0,286	0,001	0,017	0,027	FALSE
-0,118	0,295	-0,002	0,011	0,075	FALSE
0,086	0,282	0,001	0,009	0,030	FALSE
0,070	0,280	0,000	0,008	0,013	FALSE
0,113	0,288	0,005	0,011	0,176	FALSE

-0,013	0,292	0,000	0,016	0,005	FALSE
-0,052	0,280	-0,001	0,016	0,021	FALSE
-0,030	0,284	-0,004	0,015	0,111	FALSE
0,188	0,276	0,007	0,014	0,210	FALSE
-0,226	0,276	-0,011	0,014	0,371	FALSE
-0,077	0,277	-0,001	0,010	0,045	FALSE
-0,029	0,289	-0,002	0,016	0,045	FALSE
0,194	0,268	0,005	0,010	0,238	FALSE
-0,045	0,286	0,000	0,011	0,007	FALSE
0,182	0,270	0,005	0,010	0,228	FALSE
-0,106	0,290	-0,005	0,017	0,122	FALSE
-0,055	0,288	-0,004	0,016	0,095	FALSE
-0,123	0,279	-0,002	0,013	0,073	FALSE
0,012	0,269	0,000	0,017	0,008	FALSE
0,067	0,285	0,003	0,017	0,071	FALSE
0,152	0,267	0,007	0,015	0,204	FALSE
0,061	0,289	0,004	0,017	0,075	FALSE
0,098	0,285	0,005	0,018	0,111	FALSE
0,041	0,296	0,003	0,017	0,062	FALSE
0,110	0,281	0,005	0,015	0,134	FALSE
0,016	0,285	-0,001	0,013	0,019	FALSE
-0,052	0,281	-0,002	0,017	0,041	FALSE
-0,164	0,278	-0,008	0,017	0,186	FALSE
-0,072	0,272	-0,003	0,014	0,077	FALSE
0,216	0,277	0,006	0,011	0,218	FALSE
0,185	0,275	0,006	0,013	0,201	FALSE
-0,154	0,265	-0,005	0,012	0,175	FALSE
-0,232	0,272	-0,006	0,009	0,345	FALSE
-0,010	0,295	0,000	0,013	0,012	FALSE
0,072	0,254	0,003	0,010	0,109	FALSE
0,196	0,265	0,010	0,013	0,335	FALSE
-0,332	0,257	-0,013	0,012	0,542	FALSE
0,230	0,278	0,014	0,018	0,386	FALSE
0,033	0,294	0,003	0,009	0,119	FALSE
-0,069	0,290	0,000	0,016	0,002	FALSE
0,010	0,294	-0,001	0,014	0,037	FALSE
0,218	0,274	0,007	0,009	0,357	FALSE
-0,051	0,283	-0,001	0,009	0,048	FALSE
0,129	0,285	0,004	0,009	0,185	FALSE
0,034	0,292	0,001	0,008	0,042	FALSE
-0,025	0,290	-0,002	0,015	0,058	FALSE
-0,084	0,287	-0,003	0,014	0,085	FALSE
-0,206	0,278	-0,007	0,012	0,254	FALSE
0,131	0,285	0,007	0,012	0,233	FALSE
0,125	0,284	0,006	0,012	0,215	FALSE
-0,125	0,282	-0,004	0,009	0,200	FALSE
-0,053	0,275	-0,004	0,017	0,081	FALSE
-0,176	0,271	-0,004	0,009	0,197	FALSE
0,011	0,272	0,001	0,010	0,021	FALSE
0,056	0,277	0,002	0,010	0,077	FALSE
-0,068	0,283	-0,002	0,009	0,100	FALSE
-0,076	0,279	-0,004	0,010	0,157	FALSE
0,037	0,298	0,002	0,017	0,046	FALSE

0,094	0,285	0,005	0,011	0,177	FALSE
0,045	0,288	0,003	0,016	0,082	FALSE
-0,159	0,296	-0,004	0,010	0,156	FALSE
-0,002	0,273	0,002	0,016	0,038	FALSE
-0,157	0,273	-0,006	0,011	0,230	FALSE
-0,103	0,272	-0,005	0,012	0,165	FALSE
-0,115	0,286	-0,005	0,014	0,143	FALSE
-0,060	0,277	-0,002	0,012	0,056	FALSE
0,174	0,261	0,009	0,015	0,274	FALSE
-0,047	0,273	-0,001	0,017	0,021	FALSE
-0,098	0,310	-0,007	0,017	0,167	FALSE
-0,151	0,282	-0,010	0,016	0,281	FALSE
-0,104	0,277	-0,005	0,010	0,194	FALSE
-0,088	0,260	-0,004	0,009	0,164	FALSE
0,022	0,299	0,001	0,017	0,027	FALSE
0,222	0,280	0,011	0,016	0,310	FALSE
0,030	0,290	-0,001	0,016	0,016	FALSE
0,070	0,290	0,001	0,016	0,028	FALSE
-0,068	0,295	-0,001	0,016	0,031	FALSE
0,048	0,282	0,002	0,012	0,080	FALSE
-0,043	0,297	0,000	0,009	0,012	FALSE
0,157	0,283	0,005	0,012	0,160	FALSE
0,134	0,274	0,008	0,015	0,246	FALSE
-0,068	0,297	-0,001	0,011	0,034	FALSE
0,240	0,282	0,007	0,010	0,326	FALSE
0,027	0,288	0,002	0,017	0,041	FALSE
0,117	0,282	0,003	0,009	0,117	FALSE
0,059	0,292	0,003	0,012	0,117	FALSE
0,003	0,279	-0,001	0,008	0,029	FALSE
-0,047	0,290	-0,002	0,017	0,042	FALSE
-0,065	0,280	-0,001	0,014	0,028	FALSE
0,003	0,280	-0,002	0,010	0,079	FALSE
0,148	0,271	0,003	0,009	0,142	FALSE
0,134	0,275	0,005	0,010	0,201	FALSE
0,102	0,269	0,004	0,017	0,095	FALSE
0,119	0,285	0,006	0,013	0,176	FALSE
0,009	0,279	-0,002	0,016	0,052	FALSE
0,030	0,275	-0,001	0,015	0,020	FALSE
-0,033	0,296	-0,004	0,015	0,114	FALSE
-0,061	0,292	-0,002	0,010	0,059	FALSE
-0,270	0,271	-0,014	0,017	0,378	FALSE
-0,006	0,289	-0,001	0,010	0,052	FALSE
-0,111	0,284	-0,005	0,013	0,154	FALSE
0,097	0,291	0,008	0,017	0,205	FALSE
0,123	0,276	0,008	0,017	0,189	FALSE
-0,058	0,274	-0,001	0,010	0,021	FALSE
0,250	0,276	0,009	0,011	0,429	FALSE
-0,046	0,286	-0,003	0,012	0,104	FALSE
-0,045	0,295	-0,003	0,017	0,067	FALSE
-0,268	0,273	-0,008	0,009	0,417	FALSE
-0,118	0,274	-0,005	0,015	0,134	FALSE
-0,007	0,274	0,000	0,018	0,003	FALSE
-0,051	0,284	-0,001	0,012	0,018	FALSE

-0,163	0,279	-0,006	0,011	0,226	FALSE
-0,172	0,276	-0,006	0,011	0,250	FALSE
-0,158	0,295	-0,008	0,016	0,221	FALSE
0,216	0,286	0,010	0,012	0,372	FALSE
-0,217	0,278	-0,013	0,017	0,368	FALSE
-0,122	0,277	-0,008	0,017	0,201	FALSE
-0,172	0,283	-0,005	0,009	0,225	FALSE
-0,039	0,280	-0,003	0,016	0,072	FALSE
-0,038	0,292	-0,002	0,016	0,054	FALSE
-0,001	0,278	0,001	0,015	0,026	FALSE
-0,023	0,283	-0,002	0,016	0,054	FALSE
0,021	0,294	0,000	0,015	0,004	FALSE
-0,018	0,279	-0,001	0,009	0,047	FALSE
0,106	0,271	0,005	0,010	0,190	FALSE
0,174	0,283	0,006	0,008	0,304	FALSE
0,293	0,269	0,009	0,009	0,477	FALSE
-0,137	0,282	-0,003	0,010	0,127	FALSE
-0,031	0,276	0,000	0,009	0,016	FALSE
0,126	0,281	0,004	0,013	0,121	FALSE
0,069	0,294	0,002	0,014	0,049	FALSE
-0,120	0,277	-0,002	0,009	0,102	FALSE
-0,198	0,288	-0,011	0,018	0,270	FALSE
-0,014	0,280	-0,001	0,014	0,024	FALSE
0,012	0,279	0,000	0,014	0,006	FALSE
-0,105	0,290	-0,005	0,013	0,144	FALSE
-0,100	0,293	-0,004	0,014	0,124	FALSE
0,018	0,278	0,000	0,016	0,004	FALSE
0,060	0,281	0,004	0,012	0,129	FALSE
0,033	0,291	0,001	0,015	0,018	FALSE
-0,118	0,282	-0,007	0,017	0,157	FALSE
-0,064	0,285	-0,003	0,013	0,082	FALSE
-0,076	0,276	-0,002	0,012	0,047	FALSE
0,073	0,283	0,003	0,012	0,112	FALSE
0,170	0,259	0,006	0,010	0,265	FALSE
-0,057	0,298	0,000	0,010	0,007	FALSE
0,042	0,284	0,003	0,016	0,080	FALSE
-0,094	0,281	-0,002	0,009	0,068	FALSE
-0,072	0,280	-0,006	0,016	0,146	FALSE
0,040	0,280	0,002	0,016	0,040	FALSE
0,088	0,282	0,004	0,015	0,117	FALSE
0,105	0,273	0,003	0,010	0,134	FALSE
-0,090	0,296	-0,002	0,010	0,080	FALSE
0,090	0,297	0,002	0,012	0,075	FALSE
-0,028	0,293	0,001	0,013	0,020	FALSE
-0,055	0,288	-0,001	0,014	0,021	FALSE
-0,068	0,288	-0,005	0,017	0,111	FALSE
0,054	0,298	0,003	0,017	0,056	FALSE
-0,161	0,277	-0,006	0,010	0,261	FALSE
0,013	0,282	0,001	0,018	0,023	FALSE
-0,002	0,298	0,001	0,011	0,024	FALSE
-0,085	0,278	-0,004	0,016	0,094	FALSE
-0,036	0,268	-0,001	0,012	0,016	FALSE
-0,002	0,269	0,000	0,011	0,011	FALSE

-0,054	0,289	-0,003	0,017	0,066	FALSE
0,084	0,281	0,003	0,017	0,066	FALSE
0,066	0,288	0,005	0,011	0,164	FALSE
0,009	0,292	0,000	0,015	0,001	FALSE
-0,021	0,289	-0,001	0,009	0,042	FALSE
-0,180	0,283	-0,009	0,014	0,279	FALSE
-0,084	0,282	-0,001	0,010	0,050	FALSE
-0,136	0,293	-0,004	0,010	0,150	FALSE
-0,066	0,288	0,000	0,009	0,006	FALSE
-0,038	0,282	0,000	0,008	0,011	FALSE
-0,047	0,275	0,001	0,009	0,025	FALSE
-0,024	0,282	0,000	0,009	0,014	FALSE
0,016	0,289	0,004	0,018	0,075	FALSE
0,104	0,285	0,005	0,015	0,141	FALSE
0,167	0,279	0,005	0,013	0,159	FALSE
-0,045	0,275	-0,004	0,015	0,100	FALSE
-0,036	0,279	-0,005	0,015	0,126	FALSE
-0,028	0,271	0,000	0,009	0,018	FALSE
-0,023	0,289	0,000	0,010	0,016	FALSE
0,073	0,285	0,002	0,015	0,041	FALSE
0,046	0,275	0,000	0,015	0,007	FALSE
0,007	0,272	0,001	0,009	0,059	FALSE
-0,062	0,298	-0,002	0,010	0,066	FALSE
-0,052	0,287	-0,001	0,009	0,037	FALSE
-0,037	0,284	-0,002	0,014	0,061	FALSE
0,045	0,288	0,001	0,013	0,023	FALSE
0,227	0,266	0,006	0,009	0,314	FALSE
0,046	0,297	0,003	0,017	0,063	FALSE
-0,076	0,291	-0,004	0,017	0,082	FALSE
-0,104	0,297	-0,004	0,016	0,103	FALSE
-0,025	0,299	-0,002	0,011	0,054	FALSE
-0,023	0,294	-0,001	0,011	0,046	FALSE
0,006	0,283	-0,001	0,011	0,020	FALSE
0,046	0,270	0,003	0,013	0,074	FALSE
0,119	0,273	0,008	0,017	0,184	FALSE
0,119	0,269	0,006	0,016	0,153	FALSE
0,117	0,260	0,006	0,016	0,164	FALSE
0,118	0,266	0,007	0,017	0,167	FALSE
0,141	0,266	0,008	0,016	0,223	FALSE
0,051	0,274	0,002	0,013	0,055	FALSE
-0,118	0,292	-0,004	0,010	0,181	FALSE
-0,040	0,286	-0,003	0,016	0,069	FALSE
0,188	0,278	0,012	0,017	0,300	FALSE
-0,042	0,289	-0,002	0,012	0,060	FALSE
-0,060	0,286	-0,002	0,010	0,061	FALSE
-0,084	0,281	-0,004	0,015	0,108	FALSE
-0,088	0,290	-0,002	0,011	0,074	FALSE
-0,042	0,286	-0,003	0,018	0,058	FALSE
-0,233	0,274	-0,011	0,014	0,341	FALSE
-0,114	0,281	-0,003	0,009	0,144	FALSE
-0,122	0,292	-0,004	0,009	0,166	FALSE
-0,049	0,283	-0,001	0,016	0,025	FALSE
0,030	0,278	0,000	0,016	0,006	FALSE

0,053	0,281	0,002	0,010	0,058	FALSE
0,044	0,288	0,002	0,009	0,081	FALSE
0,050	0,279	0,000	0,009	0,016	FALSE
0,150	0,278	0,005	0,013	0,167	FALSE
-0,084	0,281	-0,006	0,017	0,152	FALSE
-0,109	0,285	-0,005	0,012	0,159	FALSE
0,089	0,283	0,005	0,014	0,150	FALSE
-0,039	0,275	-0,002	0,013	0,051	FALSE
0,080	0,271	0,005	0,017	0,116	FALSE
-0,065	0,275	-0,004	0,018	0,075	FALSE
0,081	0,261	0,004	0,016	0,091	FALSE
0,062	0,283	0,002	0,013	0,063	FALSE
0,060	0,271	0,002	0,011	0,056	FALSE
-0,017	0,276	0,001	0,011	0,028	FALSE
-0,068	0,274	-0,002	0,011	0,079	FALSE
0,104	0,288	0,004	0,011	0,157	FALSE
0,042	0,286	0,001	0,016	0,015	FALSE
-0,145	0,277	-0,005	0,016	0,131	FALSE
-0,046	0,285	-0,001	0,016	0,029	FALSE
0,024	0,298	0,004	0,017	0,093	FALSE
0,053	0,295	0,006	0,016	0,134	FALSE
0,271	0,262	0,012	0,014	0,411	FALSE
0,039	0,296	0,001	0,009	0,040	FALSE
-0,053	0,280	-0,002	0,012	0,064	FALSE
0,018	0,283	-0,001	0,017	0,019	FALSE
0,106	0,267	0,003	0,009	0,112	FALSE
0,075	0,283	0,005	0,016	0,110	FALSE
-0,073	0,279	-0,004	0,013	0,128	FALSE
-0,046	0,269	0,000	0,017	0,002	FALSE
-0,090	0,298	-0,004	0,011	0,137	FALSE
-0,055	0,291	-0,002	0,010	0,071	FALSE
0,025	0,285	0,002	0,017	0,047	FALSE
0,052	0,283	0,004	0,017	0,092	FALSE
-0,020	0,287	-0,003	0,017	0,063	FALSE
-0,098	0,293	-0,006	0,018	0,135	FALSE
-0,012	0,300	-0,001	0,011	0,044	FALSE
-0,226	0,260	-0,010	0,016	0,262	FALSE
0,175	0,254	0,009	0,015	0,259	FALSE
0,141	0,274	0,004	0,010	0,164	FALSE
0,222	0,281	0,009	0,016	0,239	FALSE
-0,133	0,284	-0,006	0,015	0,163	FALSE
-0,005	0,291	0,001	0,017	0,012	FALSE
0,122	0,287	0,005	0,017	0,111	FALSE
0,189	0,273	0,010	0,014	0,354	FALSE
0,017	0,286	0,000	0,010	0,003	FALSE
-0,077	0,283	-0,006	0,017	0,131	FALSE
-0,039	0,289	-0,004	0,017	0,078	FALSE
-0,056	0,279	-0,004	0,013	0,133	FALSE
-0,071	0,298	-0,001	0,009	0,059	FALSE
0,092	0,282	0,002	0,010	0,090	FALSE
0,092	0,267	0,003	0,011	0,117	FALSE
-0,086	0,297	-0,005	0,013	0,141	FALSE
-0,158	0,292	-0,005	0,009	0,231	FALSE

0,080	0,275	0,004	0,016	0,100	FALSE
0,032	0,288	0,002	0,014	0,056	FALSE
-0,157	0,265	-0,009	0,016	0,242	FALSE
0,012	0,281	0,000	0,016	0,008	FALSE
-0,158	0,279	-0,009	0,017	0,221	FALSE
0,148	0,284	0,005	0,010	0,244	FALSE
0,032	0,280	0,001	0,012	0,042	FALSE
-0,007	0,280	-0,002	0,012	0,065	FALSE
-0,004	0,283	0,000	0,011	0,007	FALSE
0,043	0,270	0,001	0,015	0,022	FALSE
0,101	0,283	0,003	0,014	0,089	FALSE
0,034	0,295	0,000	0,010	0,012	FALSE
0,082	0,273	0,002	0,009	0,062	FALSE
0,062	0,268	0,001	0,009	0,028	FALSE
0,142	0,279	0,004	0,010	0,187	FALSE
0,030	0,281	0,000	0,010	0,004	FALSE
0,135	0,274	0,004	0,010	0,169	FALSE
0,147	0,273	0,005	0,010	0,212	FALSE
-0,058	0,290	-0,001	0,011	0,047	FALSE
0,089	0,274	0,002	0,009	0,091	FALSE
0,073	0,286	0,002	0,010	0,073	FALSE
0,123	0,269	0,002	0,008	0,111	FALSE
-0,008	0,277	0,001	0,014	0,017	FALSE
-0,056	0,284	-0,001	0,010	0,055	FALSE
0,122	0,298	0,008	0,015	0,222	FALSE
-0,081	0,294	-0,001	0,014	0,028	FALSE
0,150	0,283	0,004	0,012	0,133	FALSE
0,191	0,282	0,005	0,012	0,166	FALSE
-0,076	0,294	-0,003	0,016	0,057	FALSE
-0,134	0,283	-0,005	0,017	0,125	FALSE
0,128	0,290	0,006	0,018	0,127	FALSE
0,068	0,297	0,001	0,010	0,034	FALSE
0,029	0,288	0,001	0,009	0,022	FALSE
0,158	0,281	0,005	0,011	0,190	FALSE
0,095	0,306	0,004	0,016	0,093	FALSE
-0,017	0,277	0,000	0,012	0,004	FALSE
0,025	0,271	0,001	0,011	0,021	FALSE
0,007	0,271	0,000	0,009	0,010	FALSE
-0,151	0,292	-0,007	0,016	0,180	FALSE
0,024	0,278	0,001	0,009	0,045	FALSE
0,089	0,268	0,002	0,012	0,067	FALSE
0,091	0,293	0,002	0,008	0,108	FALSE
0,009	0,275	-0,001	0,009	0,025	FALSE
0,121	0,267	0,005	0,014	0,147	FALSE
-0,072	0,273	-0,004	0,011	0,141	FALSE
-0,067	0,287	-0,003	0,011	0,111	FALSE
-0,219	0,273	-0,008	0,012	0,278	FALSE
0,068	0,268	0,002	0,013	0,072	FALSE
-0,025	0,270	-0,001	0,017	0,020	FALSE
-0,225	0,268	-0,009	0,012	0,364	FALSE
0,049	0,279	0,002	0,013	0,044	FALSE
0,204	0,267	0,005	0,009	0,250	FALSE
-0,212	0,267	-0,012	0,014	0,429	FALSE

-0,141	0,277	-0,006	0,011	0,211	FALSE
0,120	0,277	0,004	0,009	0,158	FALSE
-0,080	0,295	-0,002	0,010	0,092	FALSE
0,109	0,289	0,004	0,014	0,121	FALSE
-0,069	0,291	-0,002	0,009	0,089	FALSE
-0,165	0,290	-0,006	0,012	0,206	FALSE
0,059	0,274	0,002	0,012	0,050	FALSE
-0,092	0,286	-0,005	0,018	0,104	FALSE
0,064	0,276	0,002	0,016	0,038	FALSE
-0,044	0,299	-0,004	0,017	0,092	FALSE
0,076	0,277	0,002	0,016	0,035	FALSE
0,053	0,281	0,001	0,016	0,011	FALSE
0,016	0,290	-0,001	0,016	0,027	FALSE
0,034	0,290	0,001	0,009	0,049	FALSE
-0,080	0,290	-0,005	0,015	0,125	FALSE
-0,064	0,280	-0,003	0,010	0,142	FALSE
-0,036	0,290	-0,001	0,009	0,058	FALSE
0,058	0,290	0,002	0,010	0,096	FALSE
0,052	0,273	0,002	0,018	0,040	FALSE
0,028	0,262	0,001	0,015	0,034	FALSE
0,145	0,268	0,004	0,012	0,147	FALSE
-0,129	0,297	-0,007	0,014	0,208	FALSE
-0,044	0,285	0,001	0,012	0,022	FALSE
0,020	0,278	0,001	0,010	0,021	FALSE
0,006	0,293	0,000	0,015	0,008	FALSE
-0,221	0,267	-0,008	0,009	0,388	FALSE
-0,192	0,284	-0,009	0,013	0,297	FALSE
-0,045	0,269	-0,004	0,018	0,081	FALSE
0,029	0,267	0,003	0,018	0,051	FALSE
-0,025	0,263	-0,002	0,017	0,044	FALSE
-0,003	0,302	0,000	0,016	0,007	FALSE
-0,002	0,273	-0,001	0,018	0,021	FALSE
-0,004	0,287	0,001	0,011	0,027	FALSE
-0,044	0,281	-0,001	0,013	0,040	FALSE
0,049	0,281	0,004	0,017	0,084	FALSE
0,133	0,291	0,006	0,011	0,237	FALSE
0,140	0,280	0,003	0,009	0,149	FALSE
0,143	0,278	0,004	0,009	0,172	FALSE
0,115	0,272	0,002	0,009	0,111	FALSE
-0,067	0,288	-0,005	0,014	0,125	FALSE
-0,062	0,292	-0,001	0,012	0,046	FALSE
0,061	0,299	0,003	0,014	0,067	FALSE
-0,052	0,279	-0,002	0,016	0,049	FALSE
-0,166	0,274	-0,006	0,010	0,238	FALSE
-0,006	0,286	0,001	0,009	0,036	FALSE
-0,010	0,298	0,000	0,010	0,009	FALSE
-0,016	0,287	-0,002	0,015	0,043	FALSE
0,012	0,295	0,000	0,009	0,006	FALSE
-0,030	0,280	0,000	0,013	0,007	FALSE
-0,151	0,289	-0,004	0,010	0,168	FALSE
-0,173	0,273	-0,006	0,011	0,210	FALSE
0,000	0,284	-0,001	0,017	0,031	FALSE
0,075	0,287	0,003	0,013	0,087	FALSE

-0,202	0,272	-0,009	0,017	0,232	FALSE
0,124	0,271	0,006	0,016	0,136	FALSE
0,149	0,285	0,005	0,013	0,160	FALSE
-0,038	0,284	0,000	0,011	0,005	FALSE
0,033	0,286	0,000	0,016	0,009	FALSE
0,054	0,287	0,003	0,009	0,120	FALSE
-0,109	0,277	-0,006	0,012	0,192	FALSE
-0,072	0,266	-0,004	0,014	0,118	FALSE
-0,135	0,289	-0,004	0,011	0,127	FALSE
0,043	0,269	0,001	0,016	0,014	FALSE
-0,151	0,269	-0,006	0,012	0,229	FALSE
0,002	0,284	0,000	0,009	0,004	FALSE
-0,021	0,285	0,000	0,015	0,010	FALSE
-0,104	0,285	-0,003	0,011	0,089	FALSE
-0,005	0,279	-0,001	0,011	0,042	FALSE
-0,054	0,287	-0,004	0,015	0,104	FALSE
-0,016	0,282	-0,004	0,014	0,117	FALSE
-0,057	0,291	-0,005	0,012	0,171	FALSE
0,012	0,285	0,000	0,010	0,009	FALSE
0,225	0,267	0,007	0,009	0,388	FALSE
-0,176	0,286	-0,008	0,016	0,202	FALSE
-0,013	0,278	0,001	0,015	0,031	FALSE
0,252	0,263	0,008	0,008	0,453	FALSE
-0,062	0,270	0,001	0,017	0,022	FALSE
0,172	0,261	0,010	0,015	0,296	FALSE
-0,120	0,278	-0,006	0,018	0,141	FALSE
-0,002	0,281	0,000	0,009	0,010	FALSE
0,105	0,271	0,007	0,016	0,180	FALSE
-0,102	0,279	-0,006	0,013	0,174	FALSE
-0,032	0,269	-0,003	0,011	0,106	FALSE
-0,003	0,297	-0,002	0,013	0,043	FALSE
-0,009	0,282	0,001	0,009	0,034	FALSE
-0,044	0,303	-0,002	0,015	0,054	FALSE
-0,155	0,280	-0,004	0,009	0,166	FALSE
0,065	0,263	0,000	0,010	0,009	FALSE
0,012	0,296	0,002	0,016	0,035	FALSE
0,162	0,273	0,004	0,011	0,157	FALSE
0,110	0,281	0,008	0,017	0,195	FALSE
0,118	0,292	0,006	0,018	0,128	FALSE
0,092	0,283	0,003	0,018	0,074	FALSE
-0,009	0,281	-0,002	0,013	0,053	FALSE
0,078	0,288	0,003	0,009	0,131	FALSE
-0,006	0,279	0,001	0,016	0,022	FALSE
-0,153	0,286	-0,006	0,012	0,213	FALSE
0,081	0,271	0,003	0,009	0,113	FALSE
0,007	0,295	0,001	0,016	0,018	FALSE
0,094	0,262	0,003	0,015	0,077	FALSE
-0,003	0,284	0,000	0,014	0,008	FALSE
-0,010	0,284	0,000	0,010	0,001	FALSE
-0,104	0,283	-0,005	0,013	0,176	FALSE
-0,062	0,287	-0,004	0,015	0,115	FALSE
-0,077	0,289	-0,001	0,013	0,037	FALSE
-0,078	0,290	0,000	0,016	0,008	FALSE

-0,165	0,288	-0,007	0,017	0,163	FALSE
-0,162	0,276	-0,007	0,016	0,172	FALSE
-0,032	0,290	-0,001	0,010	0,025	FALSE
-0,077	0,300	-0,002	0,012	0,070	FALSE
-0,064	0,289	-0,002	0,012	0,046	FALSE
-0,134	0,295	-0,003	0,010	0,124	FALSE
0,146	0,280	0,006	0,017	0,145	FALSE
0,292	0,267	0,010	0,011	0,431	FALSE
0,037	0,285	0,002	0,013	0,070	FALSE
0,179	0,277	0,008	0,016	0,213	FALSE
-0,038	0,281	-0,002	0,013	0,067	FALSE
-0,162	0,265	-0,008	0,015	0,221	FALSE
-0,151	0,287	-0,005	0,009	0,206	FALSE
0,216	0,275	0,012	0,017	0,316	FALSE
0,070	0,280	0,003	0,011	0,092	FALSE
0,222	0,271	0,010	0,015	0,313	FALSE
-0,050	0,279	-0,003	0,010	0,100	FALSE
-0,039	0,278	0,001	0,015	0,021	FALSE
-0,196	0,273	-0,006	0,010	0,260	FALSE
0,204	0,276	0,009	0,015	0,258	FALSE
-0,080	0,281	-0,002	0,009	0,079	FALSE
-0,119	0,279	-0,006	0,015	0,173	FALSE
0,160	0,270	0,011	0,017	0,270	FALSE
-0,074	0,273	-0,001	0,008	0,061	FALSE
0,129	0,263	0,008	0,017	0,199	FALSE
0,040	0,298	0,001	0,012	0,017	FALSE
0,113	0,287	0,005	0,016	0,130	FALSE
-0,011	0,295	-0,001	0,013	0,026	FALSE
-0,035	0,285	-0,003	0,013	0,081	FALSE
0,169	0,253	0,004	0,010	0,176	FALSE
-0,047	0,272	0,000	0,014	0,005	FALSE
0,249	0,266	0,009	0,014	0,288	FALSE
0,009	0,273	-0,001	0,010	0,038	FALSE
0,112	0,273	0,003	0,013	0,076	FALSE
-0,086	0,277	-0,007	0,016	0,167	FALSE
0,159	0,279	0,007	0,014	0,216	FALSE
-0,107	0,288	-0,003	0,014	0,073	FALSE
0,115	0,277	0,006	0,017	0,139	FALSE
0,133	0,277	0,007	0,017	0,161	FALSE
0,057	0,280	0,002	0,014	0,057	FALSE
0,045	0,285	0,001	0,016	0,026	FALSE
0,049	0,278	0,001	0,017	0,012	FALSE
-0,072	0,293	-0,003	0,014	0,088	FALSE
-0,023	0,281	0,001	0,016	0,024	FALSE
-0,225	0,266	-0,008	0,012	0,300	FALSE
-0,194	0,270	-0,009	0,016	0,250	FALSE
-0,019	0,291	-0,002	0,013	0,068	FALSE
-0,029	0,283	-0,003	0,013	0,077	FALSE
-0,024	0,280	-0,002	0,012	0,060	FALSE
0,040	0,291	0,004	0,016	0,083	FALSE
0,054	0,285	0,002	0,011	0,055	FALSE
-0,052	0,284	-0,003	0,016	0,059	FALSE
0,112	0,284	0,008	0,016	0,194	FALSE

-0,067	0,261	-0,001	0,016	0,011	FALSE
-0,042	0,279	0,000	0,015	0,008	FALSE
-0,193	0,289	-0,009	0,015	0,275	FALSE
0,039	0,298	0,002	0,012	0,054	FALSE
0,059	0,299	0,002	0,015	0,039	FALSE
0,155	0,289	0,004	0,011	0,161	FALSE
0,130	0,293	0,004	0,011	0,151	FALSE
0,153	0,283	0,005	0,011	0,214	FALSE
-0,020	0,292	-0,001	0,017	0,028	FALSE
-0,012	0,280	-0,001	0,009	0,025	FALSE
-0,113	0,278	-0,003	0,010	0,100	FALSE
0,123	0,295	0,004	0,013	0,128	FALSE
-0,060	0,275	-0,003	0,010	0,123	FALSE
-0,116	0,286	-0,008	0,017	0,195	FALSE
-0,120	0,291	-0,008	0,018	0,173	FALSE
0,132	0,280	0,006	0,014	0,164	FALSE
-0,141	0,289	-0,008	0,018	0,181	FALSE
-0,153	0,281	-0,007	0,013	0,213	FALSE
-0,119	0,278	-0,005	0,015	0,128	FALSE
0,024	0,297	0,000	0,018	0,007	FALSE
0,108	0,289	0,003	0,015	0,089	FALSE
-0,120	0,272	-0,003	0,009	0,113	FALSE
0,121	0,283	0,003	0,008	0,161	FALSE
0,030	0,287	0,000	0,014	0,002	FALSE
-0,055	0,277	-0,004	0,014	0,103	FALSE
0,065	0,275	0,003	0,011	0,094	FALSE
0,044	0,264	0,000	0,013	0,013	FALSE
0,041	0,259	0,000	0,013	0,013	FALSE
-0,035	0,294	-0,002	0,017	0,049	FALSE
-0,063	0,294	-0,001	0,009	0,055	FALSE
0,012	0,258	-0,002	0,013	0,071	FALSE
0,105	0,278	0,004	0,009	0,177	FALSE
0,064	0,284	0,001	0,009	0,049	FALSE
-0,032	0,291	0,000	0,010	0,012	FALSE
-0,034	0,287	-0,001	0,011	0,027	FALSE
0,052	0,285	0,002	0,014	0,041	FALSE
-0,136	0,275	-0,003	0,010	0,133	FALSE
0,041	0,288	0,004	0,017	0,097	FALSE
0,026	0,293	-0,001	0,015	0,020	FALSE
-0,062	0,276	-0,006	0,016	0,164	FALSE
0,143	0,288	0,005	0,011	0,211	FALSE
-0,066	0,277	-0,003	0,011	0,089	FALSE
0,119	0,282	0,005	0,015	0,120	FALSE
-0,079	0,265	-0,007	0,015	0,198	FALSE
-0,063	0,274	-0,001	0,013	0,038	FALSE
0,128	0,273	0,003	0,010	0,098	FALSE
-0,012	0,280	0,003	0,010	0,096	FALSE
-0,088	0,284	-0,005	0,017	0,099	FALSE
0,033	0,283	0,001	0,010	0,045	FALSE
0,008	0,298	0,003	0,009	0,111	FALSE
-0,122	0,292	-0,004	0,011	0,160	FALSE
0,135	0,271	0,004	0,015	0,110	FALSE
0,007	0,266	-0,004	0,017	0,085	FALSE

-0,095	0,290	-0,003	0,013	0,098	FALSE
-0,214	0,274	-0,007	0,010	0,346	FALSE
-0,139	0,286	-0,003	0,009	0,136	FALSE
-0,094	0,282	-0,006	0,016	0,139	FALSE
0,013	0,300	0,000	0,009	0,004	FALSE
0,000	0,279	0,000	0,017	0,010	FALSE
-0,093	0,292	-0,006	0,017	0,129	FALSE
0,091	0,285	0,006	0,017	0,133	FALSE
-0,075	0,282	-0,003	0,011	0,110	FALSE
0,103	0,287	0,005	0,013	0,136	FALSE
0,035	0,290	0,002	0,016	0,042	FALSE
-0,124	0,268	-0,004	0,011	0,157	FALSE
-0,102	0,274	-0,003	0,012	0,098	FALSE
0,031	0,286	0,000	0,016	0,010	FALSE
0,133	0,295	0,008	0,017	0,193	FALSE
0,037	0,287	0,003	0,018	0,060	FALSE
-0,146	0,288	-0,005	0,010	0,212	FALSE
-0,124	0,277	-0,003	0,010	0,116	FALSE
0,029	0,281	0,002	0,015	0,043	FALSE
-0,171	0,277	-0,009	0,016	0,225	FALSE
0,047	0,283	0,001	0,008	0,027	FALSE
-0,194	0,286	-0,006	0,010	0,249	FALSE
-0,196	0,275	-0,005	0,009	0,265	FALSE
-0,055	0,289	-0,003	0,009	0,130	FALSE
-0,085	0,270	-0,002	0,010	0,065	FALSE
-0,020	0,294	0,001	0,013	0,022	FALSE
-0,272	0,280	-0,013	0,013	0,468	FALSE
-0,050	0,293	-0,002	0,011	0,077	FALSE
-0,007	0,285	0,001	0,012	0,023	FALSE
-0,092	0,281	-0,003	0,016	0,066	FALSE
-0,150	0,282	-0,007	0,013	0,204	FALSE
-0,242	0,276	-0,012	0,015	0,350	FALSE
0,135	0,282	0,002	0,011	0,060	FALSE
0,248	0,255	0,008	0,009	0,423	FALSE
0,028	0,283	0,001	0,017	0,020	FALSE
-0,149	0,284	-0,004	0,009	0,200	FALSE
0,021	0,275	-0,001	0,008	0,027	FALSE
-0,113	0,284	-0,004	0,011	0,131	FALSE
-0,068	0,292	-0,003	0,012	0,096	FALSE
-0,209	0,276	-0,008	0,010	0,347	FALSE
0,131	0,278	0,003	0,010	0,126	FALSE
0,182	0,278	0,010	0,016	0,266	FALSE
0,247	0,254	0,014	0,017	0,366	FALSE
-0,093	0,259	-0,004	0,016	0,088	FALSE
-0,100	0,295	-0,003	0,011	0,113	FALSE
-0,037	0,286	0,001	0,012	0,028	FALSE
0,165	0,270	0,006	0,014	0,173	FALSE
-0,120	0,279	-0,003	0,009	0,147	FALSE
-0,075	0,264	-0,001	0,009	0,037	FALSE
-0,127	0,290	-0,006	0,013	0,171	FALSE
0,247	0,258	0,009	0,012	0,364	FALSE
-0,024	0,292	0,000	0,012	0,004	FALSE
0,015	0,282	0,001	0,014	0,037	FALSE

-0,074	0,280	-0,001	0,010	0,023	FALSE
-0,104	0,291	-0,003	0,011	0,111	FALSE
-0,044	0,293	-0,001	0,011	0,040	FALSE
-0,075	0,277	-0,004	0,016	0,093	FALSE
-0,068	0,282	-0,002	0,010	0,079	FALSE
0,084	0,273	0,003	0,011	0,096	FALSE
0,136	0,276	0,008	0,016	0,196	FALSE
-0,032	0,275	0,001	0,008	0,032	FALSE
0,013	0,282	0,004	0,017	0,081	FALSE
0,139	0,268	0,004	0,009	0,184	FALSE
0,019	0,299	0,001	0,013	0,024	FALSE
0,146	0,287	0,004	0,010	0,189	FALSE
-0,177	0,269	-0,009	0,017	0,233	FALSE
0,171	0,279	0,008	0,017	0,202	FALSE
0,039	0,297	0,003	0,016	0,061	FALSE
0,094	0,292	0,003	0,016	0,079	FALSE
0,002	0,290	0,000	0,011	0,009	FALSE
0,118	0,279	0,007	0,015	0,202	FALSE
-0,082	0,270	-0,007	0,015	0,214	FALSE
0,002	0,294	-0,002	0,018	0,035	FALSE
0,011	0,280	-0,002	0,018	0,045	FALSE
-0,014	0,278	-0,003	0,017	0,066	FALSE
0,012	0,285	-0,001	0,017	0,023	FALSE
-0,029	0,283	-0,003	0,013	0,098	FALSE
0,016	0,282	-0,001	0,017	0,020	FALSE
0,016	0,299	-0,001	0,018	0,023	FALSE
0,027	0,262	-0,001	0,014	0,021	FALSE
0,095	0,289	0,005	0,014	0,130	FALSE
-0,039	0,275	-0,004	0,016	0,100	FALSE
0,144	0,286	0,005	0,016	0,124	FALSE
-0,173	0,290	-0,005	0,009	0,226	FALSE
0,027	0,285	-0,001	0,013	0,032	FALSE
-0,107	0,281	-0,002	0,014	0,060	FALSE
-0,038	0,286	-0,001	0,010	0,035	FALSE
-0,067	0,281	-0,001	0,013	0,018	FALSE
-0,064	0,289	0,000	0,014	0,009	FALSE
0,104	0,301	0,005	0,015	0,124	FALSE
-0,049	0,283	-0,003	0,012	0,093	FALSE
0,055	0,290	0,003	0,014	0,093	FALSE
-0,047	0,286	-0,001	0,011	0,021	FALSE
0,055	0,280	0,002	0,012	0,053	FALSE
0,009	0,294	0,002	0,015	0,037	FALSE
-0,037	0,297	-0,002	0,011	0,085	FALSE
-0,050	0,296	-0,002	0,018	0,044	FALSE
0,033	0,288	0,000	0,016	0,008	FALSE
-0,056	0,279	-0,003	0,017	0,070	FALSE
0,009	0,297	0,002	0,014	0,046	FALSE
0,015	0,305	0,002	0,018	0,033	FALSE
-0,120	0,266	-0,004	0,014	0,111	FALSE
-0,150	0,286	-0,007	0,017	0,168	FALSE
-0,016	0,273	-0,003	0,015	0,076	FALSE
-0,072	0,293	-0,002	0,013	0,056	FALSE
-0,033	0,285	-0,002	0,009	0,068	FALSE

0,129	0,275	0,005	0,017	0,121	FALSE
0,049	0,289	0,004	0,014	0,114	FALSE
-0,045	0,283	-0,001	0,017	0,027	FALSE
0,150	0,280	0,006	0,013	0,174	FALSE
-0,021	0,277	0,001	0,008	0,062	FALSE
-0,030	0,291	-0,001	0,010	0,019	FALSE
0,055	0,288	0,003	0,012	0,083	FALSE
-0,017	0,255	0,002	0,013	0,051	FALSE
0,126	0,278	0,003	0,013	0,071	FALSE
-0,009	0,298	0,001	0,010	0,044	FALSE
0,117	0,297	0,005	0,014	0,134	FALSE
0,042	0,297	0,001	0,013	0,035	FALSE
0,013	0,316	0,000	0,013	0,005	FALSE
0,029	0,290	0,001	0,013	0,024	FALSE
0,103	0,296	0,005	0,012	0,184	FALSE
-0,144	0,284	-0,005	0,010	0,211	FALSE
-0,156	0,294	-0,005	0,011	0,185	FALSE
-0,017	0,297	-0,001	0,013	0,017	FALSE
0,196	0,288	0,009	0,017	0,231	FALSE
-0,050	0,288	-0,003	0,009	0,140	FALSE
-0,049	0,287	-0,003	0,009	0,132	FALSE
0,074	0,281	0,002	0,011	0,079	FALSE
-0,113	0,268	-0,002	0,016	0,055	FALSE
-0,093	0,285	-0,004	0,009	0,166	FALSE
-0,056	0,284	-0,002	0,014	0,052	FALSE
-0,142	0,266	-0,008	0,016	0,209	FALSE
-0,032	0,285	-0,001	0,015	0,033	FALSE
0,008	0,292	0,000	0,017	0,010	FALSE
-0,073	0,277	-0,002	0,008	0,090	FALSE
0,033	0,280	0,002	0,009	0,098	FALSE
0,083	0,275	0,001	0,010	0,048	FALSE
0,186	0,267	0,005	0,009	0,207	FALSE
0,127	0,279	0,004	0,012	0,118	FALSE
-0,083	0,285	-0,001	0,008	0,038	FALSE
-0,128	0,282	-0,008	0,016	0,208	FALSE
-0,104	0,275	-0,007	0,015	0,185	FALSE
0,051	0,301	0,002	0,010	0,070	FALSE
-0,014	0,279	0,000	0,009	0,009	FALSE
0,193	0,270	0,009	0,017	0,226	FALSE
-0,117	0,283	-0,003	0,011	0,123	FALSE
-0,001	0,287	0,000	0,009	0,017	FALSE
-0,158	0,274	-0,004	0,009	0,201	FALSE
0,135	0,280	0,007	0,018	0,166	FALSE
-0,195	0,286	-0,006	0,010	0,260	FALSE
-0,059	0,282	-0,004	0,015	0,102	FALSE
0,095	0,269	0,003	0,011	0,100	FALSE
0,053	0,289	0,002	0,017	0,050	FALSE
0,122	0,280	0,004	0,010	0,171	FALSE
-0,048	0,293	-0,002	0,012	0,052	FALSE
-0,010	0,284	0,001	0,015	0,022	FALSE
-0,148	0,277	-0,005	0,009	0,235	FALSE
0,049	0,286	0,002	0,018	0,030	FALSE
0,054	0,282	0,002	0,017	0,052	FALSE

0,075	0,277	0,004	0,017	0,089	FALSE
0,020	0,296	0,002	0,010	0,061	FALSE
0,051	0,276	0,004	0,010	0,160	FALSE
0,087	0,281	0,004	0,015	0,120	FALSE
0,067	0,270	-0,001	0,018	0,022	FALSE
0,073	0,287	0,005	0,013	0,156	FALSE
-0,065	0,282	-0,003	0,013	0,082	FALSE
-0,148	0,281	-0,007	0,015	0,202	FALSE
-0,111	0,277	-0,004	0,010	0,142	FALSE
-0,062	0,280	-0,002	0,015	0,036	FALSE
0,082	0,286	0,003	0,009	0,127	FALSE
-0,007	0,285	0,001	0,010	0,018	FALSE
-0,093	0,268	-0,006	0,016	0,156	FALSE
0,154	0,277	0,005	0,009	0,229	FALSE
0,053	0,292	0,002	0,013	0,069	FALSE
0,069	0,272	0,004	0,016	0,108	FALSE
0,044	0,302	0,003	0,018	0,065	FALSE
-0,086	0,297	-0,002	0,012	0,070	FALSE
-0,090	0,297	-0,002	0,009	0,073	FALSE
-0,108	0,296	-0,003	0,009	0,118	FALSE
0,204	0,268	0,009	0,014	0,281	FALSE
-0,172	0,280	-0,008	0,013	0,293	FALSE
0,051	0,274	0,004	0,017	0,084	FALSE
0,100	0,284	0,003	0,014	0,085	FALSE
-0,037	0,281	-0,003	0,014	0,085	FALSE
0,239	0,274	0,007	0,009	0,356	FALSE
-0,108	0,285	-0,006	0,017	0,130	FALSE
-0,097	0,281	-0,003	0,009	0,122	FALSE
0,066	0,266	0,004	0,014	0,111	FALSE
-0,126	0,282	-0,004	0,010	0,147	FALSE
-0,074	0,280	-0,003	0,010	0,097	FALSE
0,068	0,296	0,001	0,011	0,051	FALSE
-0,175	0,285	-0,004	0,009	0,206	FALSE
-0,033	0,285	0,000	0,010	0,009	FALSE
0,075	0,267	0,001	0,017	0,025	FALSE
0,160	0,279	0,005	0,009	0,223	FALSE
-0,043	0,273	0,001	0,014	0,013	FALSE
-0,073	0,297	-0,002	0,014	0,050	FALSE
0,204	0,272	0,005	0,010	0,231	FALSE
0,011	0,285	0,002	0,014	0,049	FALSE
-0,019	0,277	-0,001	0,010	0,040	FALSE
0,146	0,264	0,005	0,012	0,169	FALSE
-0,058	0,264	-0,005	0,013	0,144	FALSE
-0,132	0,297	-0,005	0,014	0,159	FALSE
-0,159	0,285	-0,005	0,010	0,204	FALSE
-0,074	0,291	-0,003	0,014	0,085	FALSE
0,076	0,276	0,003	0,017	0,069	FALSE
-0,001	0,287	0,000	0,009	0,003	FALSE
0,044	0,271	0,002	0,014	0,057	FALSE
-0,037	0,285	0,000	0,009	0,004	FALSE
0,100	0,294	0,004	0,012	0,135	FALSE
0,049	0,284	0,001	0,018	0,029	FALSE
-0,051	0,291	-0,001	0,010	0,039	FALSE

0,061	0,280	0,003	0,009	0,124	FALSE
0,057	0,271	0,002	0,017	0,051	FALSE
-0,008	0,272	0,000	0,010	0,010	FALSE
-0,078	0,268	-0,003	0,017	0,075	FALSE
0,037	0,280	0,003	0,016	0,084	FALSE
-0,094	0,285	-0,003	0,012	0,097	FALSE
-0,013	0,295	-0,002	0,012	0,073	FALSE
0,196	0,264	0,007	0,012	0,249	FALSE
-0,072	0,285	-0,002	0,010	0,060	FALSE
-0,198	0,276	-0,006	0,012	0,220	FALSE
-0,065	0,287	-0,001	0,010	0,035	FALSE
0,077	0,267	0,001	0,013	0,030	FALSE
0,077	0,255	0,001	0,013	0,025	FALSE
0,043	0,277	0,002	0,010	0,093	FALSE
0,069	0,296	0,002	0,016	0,042	FALSE
-0,109	0,266	-0,006	0,017	0,128	FALSE
0,004	0,284	0,001	0,014	0,027	FALSE
-0,148	0,288	-0,005	0,009	0,216	FALSE
0,202	0,273	0,005	0,008	0,234	FALSE
-0,205	0,281	-0,012	0,017	0,338	FALSE
0,005	0,290	0,001	0,014	0,032	FALSE
0,099	0,277	0,007	0,013	0,218	FALSE
0,024	0,289	0,004	0,015	0,104	FALSE
0,024	0,287	0,004	0,016	0,085	FALSE
0,009	0,287	0,000	0,009	0,013	FALSE
-0,004	0,292	0,000	0,011	0,002	FALSE
0,108	0,284	0,002	0,011	0,083	FALSE
0,048	0,286	0,002	0,010	0,068	FALSE
-0,033	0,292	-0,001	0,009	0,021	FALSE
-0,136	0,282	-0,005	0,011	0,161	FALSE
0,048	0,299	0,002	0,017	0,042	FALSE
-0,076	0,280	-0,002	0,010	0,059	FALSE
0,126	0,293	0,004	0,011	0,133	FALSE
0,065	0,284	0,003	0,013	0,085	FALSE
0,138	0,277	0,008	0,013	0,244	FALSE
0,074	0,284	0,006	0,017	0,133	FALSE
0,066	0,285	0,002	0,014	0,057	FALSE
-0,113	0,279	-0,004	0,015	0,089	FALSE
0,133	0,282	0,005	0,010	0,205	FALSE
0,042	0,299	0,001	0,009	0,059	FALSE
0,045	0,271	0,001	0,010	0,038	FALSE
0,055	0,288	0,001	0,010	0,048	FALSE
-0,006	0,296	0,000	0,017	0,005	FALSE
-0,091	0,280	-0,003	0,014	0,073	FALSE
0,055	0,285	0,004	0,018	0,095	FALSE
-0,061	0,282	-0,002	0,010	0,094	FALSE
-0,010	0,288	-0,001	0,011	0,036	FALSE
0,034	0,291	0,002	0,016	0,036	FALSE
0,021	0,296	0,002	0,010	0,056	FALSE
0,120	0,297	0,004	0,011	0,155	FALSE
-0,150	0,280	-0,007	0,014	0,201	FALSE
-0,030	0,305	0,001	0,010	0,019	FALSE
0,024	0,296	0,000	0,018	0,006	FALSE

0,016	0,280	0,004	0,015	0,106	FALSE
-0,021	0,292	0,000	0,009	0,004	FALSE
-0,081	0,284	-0,002	0,010	0,080	FALSE
0,075	0,281	0,006	0,016	0,159	FALSE
-0,001	0,299	0,001	0,013	0,032	FALSE
-0,009	0,295	0,001	0,010	0,049	FALSE
-0,066	0,281	-0,005	0,017	0,114	FALSE
0,074	0,280	0,002	0,008	0,104	FALSE
-0,074	0,296	-0,002	0,009	0,091	FALSE
0,130	0,265	0,006	0,017	0,153	FALSE
-0,017	0,282	0,000	0,010	0,017	FALSE
-0,068	0,266	-0,004	0,016	0,094	FALSE
-0,025	0,293	0,000	0,010	0,012	FALSE
0,146	0,275	0,008	0,017	0,183	FALSE
-0,037	0,286	-0,002	0,009	0,079	FALSE
-0,039	0,294	-0,002	0,010	0,069	FALSE
-0,045	0,295	-0,002	0,010	0,084	FALSE
0,050	0,278	0,001	0,011	0,020	FALSE
-0,138	0,287	-0,006	0,017	0,152	FALSE
0,105	0,273	0,006	0,017	0,154	FALSE
0,042	0,274	0,001	0,010	0,038	FALSE
0,017	0,281	0,001	0,009	0,043	FALSE
0,018	0,275	0,000	0,010	0,014	FALSE
-0,129	0,287	-0,004	0,011	0,143	FALSE
0,152	0,286	0,007	0,012	0,275	FALSE
0,050	0,278	0,002	0,010	0,095	FALSE
0,068	0,284	0,002	0,008	0,087	FALSE
-0,071	0,286	-0,003	0,010	0,134	FALSE
-0,053	0,274	-0,005	0,015	0,136	FALSE
-0,095	0,280	-0,008	0,017	0,215	FALSE
0,036	0,288	0,002	0,009	0,090	FALSE
0,039	0,301	0,001	0,015	0,028	FALSE
0,027	0,291	0,001	0,014	0,017	FALSE
0,015	0,292	0,000	0,015	0,003	FALSE
0,145	0,280	0,009	0,017	0,227	FALSE
0,047	0,279	0,001	0,014	0,035	FALSE
-0,120	0,283	-0,002	0,010	0,095	FALSE
0,029	0,303	0,001	0,016	0,027	FALSE
0,121	0,281	0,005	0,014	0,147	FALSE
-0,065	0,279	-0,002	0,009	0,081	FALSE
0,051	0,283	0,001	0,014	0,038	FALSE
-0,078	0,255	-0,006	0,015	0,166	FALSE
-0,103	0,276	-0,006	0,016	0,157	FALSE
0,001	0,281	-0,001	0,013	0,027	FALSE
0,107	0,279	0,006	0,017	0,153	FALSE
-0,077	0,281	-0,002	0,010	0,068	FALSE
-0,167	0,295	-0,005	0,010	0,191	FALSE
-0,068	0,276	-0,001	0,017	0,017	FALSE
-0,048	0,294	0,000	0,018	0,002	FALSE
-0,016	0,282	0,000	0,010	0,008	FALSE
0,038	0,290	0,000	0,015	0,001	FALSE
0,205	0,257	0,010	0,016	0,288	FALSE
0,209	0,257	0,011	0,016	0,315	FALSE

-0,032	0,286	-0,001	0,010	0,055	FALSE
-0,019	0,280	-0,001	0,009	0,027	FALSE
-0,004	0,276	0,000	0,011	0,012	FALSE
0,068	0,265	0,001	0,008	0,022	FALSE
-0,060	0,290	-0,001	0,010	0,028	FALSE
0,004	0,269	0,000	0,017	0,002	FALSE
-0,060	0,296	-0,001	0,016	0,033	FALSE
0,099	0,266	0,004	0,013	0,100	FALSE
-0,161	0,278	-0,008	0,016	0,216	FALSE
0,019	0,296	0,001	0,015	0,015	FALSE
0,134	0,288	0,005	0,011	0,200	FALSE
0,112	0,272	0,004	0,011	0,158	FALSE
0,115	0,269	0,004	0,014	0,104	FALSE
-0,040	0,296	-0,001	0,009	0,055	FALSE
-0,051	0,291	-0,002	0,014	0,044	FALSE
-0,002	0,279	0,000	0,015	0,003	FALSE
0,044	0,287	-0,001	0,011	0,034	FALSE
0,034	0,295	0,000	0,017	0,007	FALSE
-0,023	0,270	-0,003	0,013	0,094	FALSE
-0,033	0,276	-0,003	0,014	0,071	FALSE
-0,096	0,286	-0,002	0,009	0,080	FALSE
-0,166	0,277	-0,006	0,017	0,144	FALSE
0,038	0,299	0,001	0,019	0,028	FALSE
0,021	0,300	0,000	0,018	0,002	FALSE
0,004	0,291	-0,001	0,018	0,013	FALSE
0,036	0,292	0,002	0,009	0,080	FALSE
0,046	0,281	0,001	0,017	0,019	FALSE
-0,027	0,284	0,000	0,009	0,006	FALSE
0,001	0,278	0,002	0,009	0,082	FALSE
-0,023	0,285	-0,003	0,015	0,083	FALSE
0,098	0,278	0,004	0,009	0,185	FALSE
0,103	0,278	0,005	0,013	0,147	FALSE
0,003	0,294	0,000	0,009	0,012	FALSE
0,050	0,293	0,001	0,010	0,024	FALSE
0,112	0,291	0,003	0,011	0,115	FALSE
0,104	0,275	0,002	0,014	0,065	FALSE
-0,021	0,294	0,001	0,011	0,023	FALSE
0,136	0,287	0,006	0,014	0,175	FALSE
-0,076	0,295	-0,002	0,018	0,043	FALSE
-0,127	0,269	-0,006	0,013	0,192	FALSE
0,028	0,289	0,002	0,016	0,047	FALSE
-0,143	0,274	-0,010	0,016	0,263	FALSE
-0,071	0,280	-0,006	0,017	0,154	FALSE
0,100	0,290	0,007	0,016	0,159	FALSE
0,062	0,289	0,001	0,017	0,024	FALSE
0,204	0,265	0,008	0,016	0,214	FALSE
0,185	0,276	0,008	0,017	0,182	FALSE
0,001	0,296	0,000	0,013	0,004	FALSE
-0,089	0,284	-0,003	0,011	0,113	FALSE
-0,151	0,272	-0,008	0,018	0,190	FALSE
0,003	0,281	-0,001	0,009	0,030	FALSE
-0,070	0,292	-0,003	0,009	0,115	FALSE
0,071	0,288	0,004	0,017	0,085	FALSE

-0,128	0,287	-0,003	0,011	0,120	FALSE
0,205	0,270	0,005	0,008	0,229	FALSE
0,031	0,279	0,003	0,012	0,101	FALSE
0,028	0,281	0,002	0,013	0,046	FALSE
-0,065	0,283	-0,003	0,012	0,107	FALSE
-0,092	0,277	-0,006	0,013	0,176	FALSE
0,075	0,286	0,005	0,017	0,110	FALSE
0,044	0,277	0,003	0,016	0,077	FALSE
0,030	0,290	0,003	0,013	0,079	FALSE
-0,205	0,285	-0,007	0,010	0,311	FALSE
0,046	0,289	0,002	0,010	0,068	FALSE
-0,043	0,289	-0,001	0,012	0,047	FALSE
0,200	0,272	0,005	0,010	0,192	FALSE
0,020	0,295	0,002	0,016	0,036	FALSE
-0,128	0,288	-0,005	0,013	0,149	FALSE
-0,013	0,292	-0,002	0,017	0,043	FALSE
-0,049	0,292	-0,002	0,015	0,052	FALSE
0,073	0,272	0,005	0,014	0,134	FALSE
-0,237	0,259	-0,016	0,018	0,422	FALSE
0,123	0,279	0,005	0,012	0,165	FALSE
0,127	0,285	0,006	0,017	0,144	FALSE
0,073	0,289	0,003	0,011	0,103	FALSE
-0,098	0,287	-0,003	0,010	0,122	FALSE
-0,048	0,302	-0,003	0,012	0,092	FALSE
-0,079	0,288	-0,002	0,009	0,106	FALSE
-0,211	0,273	-0,007	0,012	0,236	FALSE
-0,018	0,271	-0,002	0,015	0,036	FALSE
0,071	0,271	0,001	0,009	0,058	FALSE
0,041	0,282	0,002	0,014	0,059	FALSE
-0,002	0,271	-0,002	0,015	0,042	FALSE
0,062	0,279	0,003	0,011	0,102	FALSE
0,022	0,286	0,000	0,011	0,000	FALSE
0,067	0,283	0,001	0,011	0,042	FALSE
0,010	0,284	-0,001	0,017	0,022	FALSE
0,159	0,282	0,005	0,010	0,183	FALSE
-0,012	0,291	0,000	0,010	0,014	FALSE
-0,059	0,266	-0,003	0,014	0,078	FALSE
0,117	0,283	0,005	0,012	0,190	FALSE
0,189	0,267	0,006	0,010	0,243	FALSE
-0,058	0,294	0,000	0,014	0,004	FALSE
0,060	0,288	0,003	0,010	0,121	FALSE
-0,075	0,291	-0,002	0,010	0,088	FALSE
0,090	0,286	0,004	0,011	0,152	FALSE
-0,030	0,285	-0,003	0,016	0,074	FALSE
0,190	0,276	0,005	0,009	0,236	FALSE
0,061	0,290	0,004	0,017	0,095	FALSE
-0,044	0,279	-0,003	0,017	0,056	FALSE
-0,010	0,265	-0,002	0,011	0,085	FALSE
0,028	0,282	0,002	0,013	0,063	FALSE
0,106	0,276	0,005	0,014	0,160	FALSE
0,072	0,285	0,004	0,014	0,122	FALSE
0,043	0,275	0,000	0,011	0,008	FALSE
0,000	0,296	0,001	0,015	0,014	FALSE

-0,161	0,284	-0,010	0,013	0,329	FALSE
-0,100	0,268	-0,004	0,009	0,202	FALSE
-0,120	0,271	-0,006	0,015	0,160	FALSE
-0,110	0,290	-0,007	0,016	0,197	FALSE
-0,084	0,293	-0,003	0,010	0,135	FALSE
-0,129	0,303	-0,007	0,016	0,185	FALSE
-0,063	0,271	-0,001	0,009	0,054	FALSE
-0,052	0,273	-0,001	0,009	0,047	FALSE
0,035	0,283	0,002	0,009	0,079	FALSE
0,008	0,269	0,002	0,013	0,057	FALSE
-0,070	0,288	-0,001	0,015	0,026	FALSE
0,028	0,282	0,000	0,009	0,019	FALSE
-0,049	0,286	-0,001	0,010	0,042	FALSE
0,011	0,281	-0,003	0,013	0,086	FALSE
0,091	0,281	0,006	0,016	0,157	FALSE
0,161	0,280	0,009	0,017	0,238	FALSE
0,037	0,276	0,001	0,010	0,033	FALSE
-0,120	0,297	-0,005	0,017	0,122	FALSE
-0,107	0,287	-0,002	0,012	0,057	FALSE
-0,038	0,255	-0,001	0,016	0,019	FALSE
0,029	0,275	0,001	0,015	0,020	FALSE
-0,151	0,282	-0,008	0,014	0,237	FALSE
0,254	0,264	0,014	0,016	0,394	FALSE
-0,057	0,280	-0,004	0,013	0,124	FALSE
-0,075	0,283	-0,004	0,018	0,075	FALSE
0,151	0,263	0,004	0,010	0,149	FALSE
0,036	0,296	0,002	0,018	0,035	FALSE
-0,001	0,275	0,000	0,011	0,007	FALSE
-0,197	0,286	-0,006	0,010	0,251	FALSE
-0,127	0,297	-0,002	0,009	0,102	FALSE
-0,044	0,287	-0,005	0,017	0,114	FALSE
-0,102	0,279	-0,003	0,011	0,107	FALSE
-0,149	0,286	-0,005	0,013	0,159	FALSE
0,005	0,298	0,001	0,009	0,057	FALSE
0,069	0,272	0,003	0,012	0,109	FALSE
0,043	0,288	0,002	0,009	0,072	FALSE
-0,036	0,278	-0,002	0,014	0,051	FALSE
-0,078	0,280	-0,004	0,013	0,130	FALSE
-0,113	0,291	-0,005	0,010	0,210	FALSE
-0,096	0,282	-0,003	0,009	0,105	FALSE
-0,199	0,281	-0,007	0,010	0,309	FALSE
-0,042	0,281	-0,003	0,017	0,071	FALSE
-0,136	0,271	-0,008	0,017	0,193	FALSE
-0,049	0,291	-0,001	0,012	0,017	FALSE
-0,186	0,287	-0,010	0,016	0,259	FALSE
-0,008	0,289	0,000	0,009	0,019	FALSE
-0,038	0,306	-0,002	0,015	0,038	FALSE
-0,111	0,280	-0,004	0,013	0,101	FALSE
-0,169	0,279	-0,006	0,016	0,161	FALSE
-0,188	0,294	-0,008	0,015	0,204	FALSE
-0,218	0,276	-0,007	0,011	0,290	FALSE
-0,123	0,277	-0,002	0,011	0,087	FALSE
-0,121	0,268	-0,008	0,018	0,177	FALSE

0,032	0,269	0,001	0,008	0,024	FALSE
-0,035	0,289	-0,001	0,010	0,027	FALSE
0,138	0,277	0,005	0,014	0,140	FALSE
-0,049	0,284	-0,001	0,016	0,019	FALSE
0,143	0,265	0,003	0,009	0,119	FALSE
0,138	0,271	0,003	0,009	0,106	FALSE
0,130	0,264	0,002	0,009	0,103	FALSE
0,084	0,287	0,007	0,016	0,167	FALSE
-0,004	0,286	-0,002	0,017	0,049	FALSE
0,042	0,283	0,000	0,016	0,004	FALSE
-0,093	0,291	-0,005	0,017	0,111	FALSE
0,042	0,287	0,001	0,017	0,022	FALSE
-0,059	0,285	-0,002	0,017	0,040	FALSE
-0,134	0,273	-0,005	0,009	0,262	FALSE
0,011	0,269	0,000	0,013	0,002	FALSE
0,117	0,287	0,006	0,011	0,243	FALSE
0,111	0,280	0,006	0,011	0,220	FALSE
-0,027	0,281	-0,002	0,009	0,068	FALSE
-0,136	0,281	-0,004	0,010	0,182	FALSE
-0,113	0,290	-0,002	0,010	0,088	FALSE
-0,032	0,298	0,000	0,014	0,002	FALSE
0,080	0,288	0,005	0,014	0,131	FALSE
0,160	0,277	0,008	0,014	0,252	FALSE
-0,050	0,297	0,000	0,011	0,003	FALSE
0,107	0,287	0,003	0,011	0,098	FALSE
-0,031	0,279	0,000	0,015	0,012	FALSE
-0,090	0,287	-0,002	0,009	0,082	FALSE
-0,076	0,292	-0,003	0,017	0,068	FALSE
-0,041	0,287	-0,001	0,016	0,025	FALSE
0,073	0,261	0,001	0,009	0,055	FALSE
-0,150	0,267	-0,006	0,013	0,203	FALSE
-0,180	0,291	-0,008	0,014	0,247	FALSE
-0,184	0,266	-0,008	0,013	0,253	FALSE
0,000	0,286	0,001	0,009	0,032	FALSE
-0,165	0,280	-0,007	0,014	0,197	FALSE
0,161	0,281	0,008	0,015	0,219	FALSE
-0,011	0,285	0,002	0,010	0,087	FALSE
-0,097	0,291	-0,001	0,009	0,036	FALSE
0,197	0,271	0,008	0,012	0,279	FALSE
-0,191	0,278	-0,007	0,012	0,239	FALSE
0,025	0,278	0,000	0,010	0,014	FALSE
-0,082	0,288	-0,005	0,013	0,137	FALSE
-0,111	0,271	-0,002	0,010	0,085	FALSE
0,049	0,279	0,000	0,010	0,010	FALSE
0,048	0,289	0,002	0,016	0,056	FALSE
-0,088	0,278	-0,003	0,010	0,113	FALSE
0,045	0,294	0,001	0,014	0,026	FALSE
-0,174	0,273	-0,010	0,018	0,249	FALSE
-0,156	0,276	-0,007	0,016	0,181	FALSE
-0,102	0,291	-0,007	0,018	0,155	FALSE
-0,172	0,266	-0,009	0,015	0,247	FALSE
-0,128	0,283	-0,007	0,017	0,165	FALSE
0,063	0,276	0,004	0,015	0,106	FALSE

-0,018	0,295	-0,001	0,017	0,012	FALSE
0,011	0,277	0,000	0,012	0,014	FALSE
0,051	0,297	0,002	0,012	0,060	FALSE
0,178	0,267	0,008	0,016	0,207	FALSE
-0,042	0,300	-0,001	0,010	0,021	FALSE
0,199	0,273	0,006	0,011	0,239	FALSE
-0,046	0,298	0,000	0,009	0,018	FALSE
-0,087	0,281	-0,002	0,009	0,097	FALSE
-0,017	0,293	-0,001	0,015	0,019	FALSE
0,175	0,285	0,010	0,017	0,245	FALSE
0,191	0,277	0,011	0,017	0,273	FALSE
0,073	0,294	0,004	0,018	0,091	FALSE
0,028	0,273	0,000	0,010	0,004	FALSE
-0,027	0,290	-0,001	0,017	0,028	FALSE
-0,195	0,281	-0,006	0,011	0,221	FALSE
0,064	0,278	0,003	0,010	0,127	FALSE
0,082	0,279	0,002	0,013	0,065	FALSE
-0,007	0,267	-0,001	0,008	0,040	FALSE
-0,126	0,277	-0,002	0,009	0,104	FALSE
-0,118	0,286	-0,002	0,009	0,086	FALSE
0,136	0,267	0,004	0,008	0,188	FALSE
-0,029	0,290	-0,002	0,016	0,039	FALSE
-0,094	0,283	-0,002	0,008	0,081	FALSE
0,190	0,278	0,010	0,014	0,295	FALSE
-0,298	0,264	-0,013	0,013	0,471	FALSE
-0,250	0,269	-0,008	0,010	0,355	FALSE
0,141	0,279	0,007	0,015	0,195	FALSE
0,026	0,279	0,001	0,010	0,045	FALSE
-0,121	0,287	-0,005	0,014	0,158	FALSE
-0,160	0,289	-0,010	0,017	0,233	FALSE
0,154	0,289	0,006	0,012	0,220	FALSE
-0,044	0,283	-0,003	0,012	0,085	FALSE
-0,056	0,293	-0,002	0,010	0,096	FALSE
0,062	0,286	0,002	0,017	0,046	FALSE
-0,084	0,291	-0,001	0,009	0,027	FALSE
-0,039	0,296	-0,002	0,016	0,042	FALSE
-0,076	0,276	-0,003	0,009	0,116	FALSE
-0,098	0,290	-0,005	0,016	0,111	FALSE
0,056	0,285	0,000	0,014	0,009	FALSE
-0,036	0,286	-0,002	0,014	0,041	FALSE
0,066	0,280	0,001	0,018	0,026	FALSE
0,066	0,283	0,003	0,013	0,082	FALSE
0,044	0,289	0,002	0,014	0,055	FALSE
0,029	0,286	0,000	0,009	0,010	FALSE
0,131	0,264	0,004	0,008	0,219	FALSE
0,177	0,288	0,004	0,009	0,198	FALSE
0,108	0,276	0,003	0,017	0,076	FALSE
-0,139	0,282	-0,008	0,017	0,194	FALSE
-0,118	0,280	-0,007	0,017	0,160	FALSE
0,136	0,291	0,006	0,015	0,166	FALSE
0,081	0,285	0,004	0,017	0,101	FALSE
0,104	0,289	0,005	0,014	0,147	FALSE
0,118	0,292	0,005	0,011	0,174	FALSE

-0,056	0,282	-0,003	0,009	0,125	FALSE
-0,010	0,281	0,000	0,018	0,007	FALSE
0,013	0,279	0,001	0,017	0,014	FALSE
0,134	0,285	0,004	0,012	0,128	FALSE
-0,002	0,302	0,001	0,014	0,027	FALSE
0,118	0,290	0,005	0,014	0,148	FALSE
0,121	0,275	0,005	0,013	0,142	FALSE
-0,130	0,296	-0,006	0,013	0,203	FALSE
-0,286	0,256	-0,008	0,009	0,435	FALSE
-0,055	0,297	-0,002	0,017	0,049	FALSE
-0,293	0,281	-0,011	0,012	0,413	FALSE
-0,016	0,277	-0,001	0,009	0,059	FALSE
-0,035	0,275	-0,002	0,011	0,064	FALSE
-0,082	0,288	-0,004	0,012	0,122	FALSE
-0,090	0,285	-0,004	0,012	0,119	FALSE
-0,099	0,293	-0,003	0,009	0,128	FALSE
0,126	0,282	0,005	0,016	0,116	FALSE
-0,024	0,287	-0,001	0,009	0,028	FALSE
0,119	0,285	0,004	0,009	0,195	FALSE
0,112	0,268	0,008	0,017	0,189	FALSE
-0,123	0,285	-0,004	0,016	0,095	FALSE
-0,181	0,284	-0,006	0,012	0,208	FALSE
-0,162	0,273	-0,005	0,011	0,196	FALSE
-0,091	0,289	-0,002	0,010	0,074	FALSE
-0,062	0,282	-0,002	0,017	0,051	FALSE
0,021	0,283	-0,001	0,014	0,030	FALSE
0,107	0,286	0,004	0,012	0,135	FALSE
0,022	0,299	0,001	0,016	0,028	FALSE
-0,117	0,297	-0,008	0,018	0,178	FALSE
0,025	0,270	0,000	0,009	0,008	FALSE
0,076	0,286	0,000	0,018	0,002	FALSE
0,000	0,296	0,002	0,011	0,060	FALSE
-0,060	0,300	-0,002	0,016	0,043	FALSE
0,144	0,279	0,005	0,012	0,159	FALSE
0,159	0,288	0,006	0,012	0,189	FALSE
0,066	0,294	0,002	0,012	0,062	FALSE
-0,009	0,296	0,000	0,014	0,001	FALSE
0,197	0,270	0,010	0,017	0,259	FALSE
-0,044	0,290	-0,002	0,012	0,065	FALSE
-0,056	0,283	-0,003	0,012	0,089	FALSE
0,202	0,262	0,011	0,016	0,311	FALSE
0,202	0,265	0,011	0,016	0,311	FALSE
0,170	0,280	0,009	0,016	0,229	FALSE
0,194	0,269	0,011	0,017	0,285	FALSE
-0,112	0,290	-0,003	0,011	0,128	FALSE
-0,177	0,290	-0,004	0,009	0,191	FALSE
-0,124	0,285	-0,004	0,012	0,134	FALSE
0,096	0,289	0,003	0,014	0,082	FALSE
-0,035	0,280	-0,001	0,014	0,038	FALSE
0,020	0,301	0,001	0,017	0,019	FALSE
-0,122	0,275	-0,006	0,016	0,141	FALSE
-0,046	0,294	-0,004	0,018	0,098	FALSE
0,207	0,267	0,009	0,011	0,353	FALSE

-0,008	0,285	-0,001	0,016	0,032	FALSE
0,214	0,268	0,009	0,012	0,365	FALSE
-0,038	0,291	0,000	0,009	0,005	FALSE
-0,146	0,285	-0,008	0,015	0,214	FALSE
-0,152	0,279	-0,008	0,015	0,226	FALSE
0,093	0,292	0,004	0,012	0,126	FALSE
0,100	0,268	0,004	0,010	0,182	FALSE
-0,034	0,288	0,000	0,010	0,005	FALSE
-0,042	0,280	0,000	0,010	0,003	FALSE
-0,150	0,276	-0,008	0,014	0,237	FALSE
0,082	0,282	0,005	0,016	0,132	FALSE
-0,144	0,269	-0,008	0,014	0,235	FALSE
0,031	0,265	0,003	0,016	0,070	FALSE
0,029	0,275	0,003	0,017	0,069	FALSE
0,005	0,272	0,002	0,017	0,043	FALSE
0,063	0,278	0,000	0,011	0,014	FALSE
0,075	0,281	0,000	0,010	0,004	FALSE
-0,211	0,265	-0,015	0,015	0,489	FALSE
-0,032	0,283	-0,001	0,010	0,023	FALSE
0,179	0,283	0,009	0,016	0,243	FALSE
-0,036	0,290	0,000	0,010	0,005	FALSE
-0,044	0,283	-0,002	0,009	0,090	FALSE
0,120	0,286	0,007	0,017	0,163	FALSE
-0,036	0,276	0,000	0,011	0,008	FALSE
0,083	0,297	0,002	0,016	0,042	FALSE
0,067	0,288	0,002	0,012	0,057	FALSE
-0,083	0,291	-0,004	0,010	0,174	FALSE
-0,011	0,295	0,001	0,011	0,037	FALSE
-0,060	0,285	-0,003	0,018	0,069	FALSE
-0,022	0,266	-0,003	0,012	0,084	FALSE
0,056	0,277	0,002	0,009	0,075	FALSE
-0,147	0,285	-0,006	0,014	0,165	FALSE
-0,076	0,278	-0,001	0,015	0,032	FALSE
0,060	0,283	0,003	0,008	0,147	FALSE
-0,041	0,275	-0,003	0,011	0,104	FALSE
0,163	0,276	0,009	0,016	0,260	FALSE
-0,119	0,298	-0,004	0,009	0,182	FALSE
-0,115	0,298	-0,004	0,008	0,205	FALSE
-0,100	0,286	-0,004	0,009	0,180	FALSE
0,107	0,280	0,005	0,012	0,176	FALSE
-0,111	0,276	-0,004	0,014	0,094	FALSE
0,054	0,275	0,002	0,009	0,087	FALSE
-0,169	0,277	-0,005	0,008	0,266	FALSE
0,084	0,286	0,002	0,010	0,068	FALSE
-0,001	0,282	0,000	0,010	0,010	FALSE
0,005	0,287	-0,001	0,016	0,026	FALSE
0,104	0,283	0,006	0,016	0,142	FALSE
0,017	0,280	0,002	0,017	0,033	FALSE
-0,084	0,277	-0,002	0,011	0,065	FALSE
0,067	0,292	0,002	0,009	0,092	FALSE
-0,003	0,280	0,000	0,014	0,010	FALSE
-0,095	0,289	-0,006	0,018	0,138	FALSE
-0,090	0,287	-0,003	0,009	0,105	FALSE

0,053	0,282	0,001	0,009	0,032	FALSE
0,023	0,288	0,001	0,018	0,026	FALSE
-0,002	0,283	0,000	0,011	0,004	FALSE
-0,221	0,264	-0,007	0,010	0,303	FALSE
0,034	0,287	0,000	0,012	0,008	FALSE
-0,218	0,296	-0,014	0,018	0,355	FALSE
-0,056	0,300	-0,002	0,009	0,071	FALSE
-0,146	0,283	-0,005	0,011	0,164	FALSE
-0,173	0,274	-0,006	0,013	0,191	FALSE
0,039	0,282	0,000	0,017	0,008	FALSE
-0,193	0,289	-0,006	0,009	0,294	FALSE
0,277	0,254	0,009	0,010	0,430	FALSE
0,084	0,275	0,002	0,009	0,097	FALSE
0,078	0,282	0,002	0,012	0,057	FALSE
-0,031	0,276	0,001	0,011	0,040	FALSE
0,075	0,269	0,001	0,009	0,035	FALSE
0,023	0,295	0,001	0,011	0,020	FALSE
-0,108	0,300	-0,002	0,012	0,076	FALSE
-0,028	0,277	0,000	0,011	0,016	FALSE
-0,055	0,270	-0,001	0,012	0,016	FALSE
0,135	0,283	0,006	0,017	0,146	FALSE
0,259	0,260	0,009	0,012	0,360	FALSE
0,071	0,267	0,002	0,009	0,089	FALSE
0,071	0,274	0,002	0,009	0,077	FALSE
0,084	0,284	0,003	0,018	0,068	FALSE
0,021	0,291	-0,001	0,011	0,035	FALSE
0,100	0,276	0,002	0,013	0,056	FALSE
-0,031	0,288	-0,002	0,014	0,041	FALSE
-0,027	0,283	-0,001	0,013	0,035	FALSE
-0,045	0,283	-0,002	0,014	0,057	FALSE
-0,067	0,284	-0,002	0,017	0,043	FALSE
0,067	0,282	0,003	0,009	0,110	FALSE
0,166	0,275	0,007	0,017	0,174	FALSE
0,108	0,296	0,006	0,015	0,175	FALSE
0,038	0,286	0,000	0,010	0,006	FALSE
-0,165	0,272	-0,007	0,012	0,239	FALSE
0,008	0,277	0,001	0,010	0,045	FALSE
-0,059	0,298	-0,003	0,017	0,057	FALSE
-0,290	0,276	-0,010	0,010	0,484	FALSE
0,029	0,285	0,001	0,011	0,021	FALSE
-0,062	0,293	-0,002	0,018	0,043	FALSE
-0,027	0,280	-0,002	0,014	0,055	FALSE
-0,033	0,276	-0,003	0,013	0,079	FALSE
-0,016	0,275	-0,001	0,010	0,037	FALSE
-0,233	0,272	-0,009	0,013	0,303	FALSE
0,085	0,283	0,002	0,009	0,065	FALSE
-0,032	0,288	-0,001	0,010	0,046	FALSE
0,051	0,280	0,003	0,017	0,071	FALSE
-0,014	0,304	0,000	0,012	0,012	FALSE
-0,114	0,296	-0,003	0,011	0,117	FALSE
-0,005	0,286	0,001	0,017	0,025	FALSE
-0,101	0,281	-0,004	0,009	0,169	FALSE
-0,089	0,279	-0,001	0,009	0,055	FALSE

-0,148	0,283	-0,008	0,018	0,197	FALSE
-0,101	0,272	-0,002	0,010	0,077	FALSE
0,103	0,263	0,004	0,010	0,148	FALSE
-0,202	0,280	-0,007	0,010	0,288	FALSE
-0,076	0,291	-0,004	0,016	0,087	FALSE
-0,193	0,278	-0,009	0,013	0,307	FALSE
-0,117	0,291	-0,005	0,016	0,125	FALSE
-0,160	0,269	-0,012	0,017	0,299	FALSE
0,009	0,299	0,001	0,009	0,025	FALSE
0,125	0,275	0,003	0,011	0,125	FALSE
-0,181	0,287	-0,009	0,013	0,305	FALSE
-0,078	0,288	-0,005	0,017	0,109	FALSE
-0,018	0,252	-0,003	0,012	0,102	FALSE
-0,101	0,291	-0,003	0,011	0,116	FALSE
-0,057	0,275	-0,003	0,017	0,059	FALSE
0,014	0,272	0,001	0,011	0,045	FALSE
0,060	0,278	0,001	0,008	0,066	FALSE
0,141	0,278	0,005	0,011	0,177	FALSE
-0,047	0,279	-0,001	0,010	0,051	FALSE
-0,069	0,289	-0,002	0,012	0,055	FALSE
-0,029	0,286	-0,001	0,012	0,025	FALSE
-0,245	0,295	-0,008	0,011	0,328	FALSE
0,228	0,279	0,011	0,013	0,386	FALSE
-0,218	0,273	-0,006	0,010	0,303	FALSE
0,074	0,277	0,001	0,010	0,046	FALSE
0,013	0,269	0,000	0,017	0,007	FALSE
-0,050	0,287	-0,003	0,016	0,072	FALSE
-0,073	0,279	-0,003	0,016	0,084	FALSE
0,010	0,272	-0,002	0,012	0,058	FALSE
-0,045	0,287	-0,002	0,010	0,087	FALSE
0,062	0,283	0,002	0,012	0,068	FALSE
-0,003	0,285	-0,001	0,009	0,037	FALSE
0,009	0,295	-0,001	0,010	0,034	FALSE
-0,072	0,276	-0,003	0,014	0,081	FALSE
-0,102	0,271	-0,005	0,014	0,140	FALSE
-0,102	0,287	-0,004	0,011	0,127	FALSE
-0,091	0,288	-0,004	0,015	0,108	FALSE
0,184	0,278	0,005	0,010	0,236	FALSE
0,009	0,276	0,001	0,011	0,018	FALSE
0,064	0,277	0,002	0,015	0,049	FALSE
0,172	0,276	0,005	0,010	0,212	FALSE
0,160	0,264	0,008	0,012	0,281	FALSE
-0,105	0,285	-0,005	0,014	0,156	FALSE
-0,095	0,288	-0,005	0,014	0,148	FALSE
-0,056	0,284	-0,004	0,016	0,098	FALSE
0,046	0,283	0,001	0,012	0,019	FALSE
0,074	0,280	0,002	0,012	0,060	FALSE
0,114	0,268	0,005	0,016	0,127	FALSE
0,197	0,278	0,008	0,012	0,283	FALSE
-0,006	0,281	-0,002	0,009	0,069	FALSE
-0,223	0,281	-0,011	0,018	0,270	FALSE
-0,117	0,289	-0,003	0,014	0,088	FALSE
-0,017	0,291	-0,001	0,018	0,025	FALSE

0,023	0,278	0,002	0,017	0,038	FALSE
-0,103	0,289	-0,002	0,017	0,047	FALSE
-0,100	0,288	-0,005	0,014	0,157	FALSE
-0,227	0,276	-0,010	0,013	0,343	FALSE
0,204	0,264	0,009	0,018	0,210	FALSE
-0,092	0,280	-0,002	0,016	0,044	FALSE
-0,116	0,274	-0,004	0,012	0,129	FALSE
-0,157	0,269	-0,006	0,011	0,217	FALSE
0,147	0,281	0,005	0,009	0,245	FALSE
-0,020	0,270	-0,003	0,017	0,057	FALSE
0,130	0,290	0,004	0,010	0,183	FALSE
0,089	0,284	0,007	0,014	0,202	FALSE
0,035	0,287	0,003	0,010	0,115	FALSE
-0,064	0,265	-0,005	0,017	0,118	FALSE
-0,022	0,272	0,001	0,013	0,014	FALSE
-0,055	0,284	-0,001	0,014	0,029	FALSE
-0,004	0,286	-0,001	0,010	0,022	FALSE
0,078	0,286	0,003	0,011	0,102	FALSE
0,013	0,284	-0,002	0,014	0,049	FALSE
-0,029	0,298	-0,002	0,015	0,047	FALSE
-0,137	0,278	-0,007	0,017	0,163	FALSE
0,044	0,294	0,002	0,009	0,066	FALSE
0,134	0,281	0,003	0,010	0,130	FALSE
0,198	0,261	0,005	0,009	0,239	FALSE
0,061	0,270	0,001	0,010	0,018	FALSE
0,072	0,275	0,004	0,016	0,085	FALSE
0,103	0,270	0,003	0,010	0,134	FALSE
0,013	0,293	0,001	0,017	0,018	FALSE
0,090	0,289	0,004	0,018	0,086	FALSE
0,012	0,292	0,001	0,017	0,016	FALSE
0,063	0,294	0,002	0,015	0,049	FALSE
0,215	0,266	0,006	0,010	0,257	FALSE
-0,038	0,282	-0,002	0,011	0,063	FALSE
-0,037	0,298	-0,001	0,010	0,039	FALSE
-0,048	0,280	0,001	0,011	0,023	FALSE
-0,036	0,288	0,000	0,013	0,010	FALSE
-0,053	0,281	-0,002	0,010	0,081	FALSE
0,061	0,284	0,004	0,011	0,134	FALSE
-0,090	0,292	-0,002	0,012	0,056	FALSE
0,046	0,280	0,002	0,011	0,057	FALSE
-0,040	0,292	-0,001	0,009	0,049	FALSE
0,054	0,283	0,003	0,013	0,086	FALSE
0,006	0,280	0,002	0,015	0,051	FALSE
-0,005	0,289	0,000	0,010	0,003	FALSE
0,130	0,287	0,004	0,012	0,143	FALSE
-0,141	0,295	-0,007	0,016	0,174	FALSE
-0,144	0,282	-0,007	0,016	0,169	FALSE
0,015	0,274	-0,002	0,009	0,068	FALSE
0,101	0,289	0,005	0,013	0,139	FALSE
0,139	0,267	0,005	0,011	0,183	FALSE
0,115	0,272	0,004	0,013	0,136	FALSE
-0,023	0,293	-0,002	0,017	0,036	FALSE
0,120	0,284	0,004	0,012	0,132	FALSE

-0,041	0,284	-0,002	0,012	0,066	FALSE
-0,244	0,283	-0,014	0,018	0,356	FALSE
-0,063	0,293	-0,004	0,015	0,094	FALSE
0,082	0,289	0,001	0,010	0,031	FALSE
0,029	0,257	0,000	0,016	0,006	FALSE
0,104	0,293	0,004	0,016	0,106	FALSE
0,042	0,275	0,003	0,015	0,078	FALSE
-0,018	0,290	0,000	0,011	0,014	FALSE
0,053	0,297	0,004	0,015	0,109	FALSE
-0,153	0,276	-0,005	0,011	0,192	FALSE
-0,116	0,273	-0,005	0,010	0,214	FALSE
0,029	0,282	0,002	0,010	0,077	FALSE
-0,108	0,268	-0,004	0,010	0,152	FALSE
0,054	0,295	0,002	0,010	0,065	FALSE
0,016	0,279	-0,001	0,018	0,026	FALSE
0,170	0,268	0,005	0,012	0,198	FALSE
0,076	0,294	0,001	0,010	0,033	FALSE
0,067	0,286	0,003	0,017	0,062	FALSE
0,039	0,281	0,001	0,017	0,017	FALSE
-0,061	0,268	-0,001	0,018	0,015	FALSE
-0,131	0,272	-0,009	0,017	0,241	FALSE
-0,114	0,290	-0,009	0,017	0,217	FALSE
-0,183	0,267	-0,010	0,015	0,311	FALSE
0,113	0,286	0,008	0,014	0,251	FALSE
0,035	0,283	0,001	0,010	0,047	FALSE
0,086	0,288	0,004	0,010	0,148	FALSE
-0,073	0,284	-0,004	0,012	0,140	FALSE
0,005	0,290	0,000	0,011	0,005	FALSE
-0,192	0,279	-0,009	0,013	0,312	FALSE
0,021	0,284	-0,001	0,017	0,016	FALSE
-0,042	0,272	-0,001	0,017	0,030	FALSE
0,021	0,282	0,000	0,014	0,000	FALSE
-0,044	0,278	-0,002	0,013	0,052	FALSE
0,052	0,274	0,000	0,015	0,003	FALSE
0,053	0,299	0,002	0,016	0,039	FALSE
-0,039	0,265	0,001	0,014	0,029	FALSE
-0,062	0,297	-0,002	0,018	0,043	FALSE
0,020	0,277	0,002	0,009	0,084	FALSE
-0,017	0,287	-0,003	0,017	0,075	FALSE
-0,153	0,279	-0,003	0,009	0,120	FALSE
-0,045	0,289	-0,001	0,011	0,039	FALSE
0,029	0,280	0,001	0,013	0,037	FALSE
0,099	0,295	0,004	0,017	0,093	FALSE
-0,081	0,268	0,000	0,011	0,009	FALSE
-0,021	0,299	-0,002	0,012	0,064	FALSE
-0,080	0,295	-0,002	0,015	0,062	FALSE
-0,017	0,288	0,001	0,015	0,019	FALSE
0,009	0,278	0,004	0,016	0,102	FALSE
0,051	0,293	0,002	0,012	0,071	FALSE
0,050	0,297	0,002	0,012	0,055	FALSE
-0,101	0,282	-0,005	0,018	0,112	FALSE
-0,026	0,294	0,000	0,017	0,007	FALSE
-0,048	0,268	-0,003	0,018	0,066	FALSE

-0,037	0,272	-0,002	0,016	0,037	FALSE
0,207	0,265	0,008	0,011	0,348	FALSE
-0,122	0,286	-0,004	0,010	0,171	FALSE
0,076	0,279	0,005	0,015	0,145	FALSE
0,018	0,295	-0,002	0,018	0,044	FALSE
-0,045	0,286	-0,005	0,014	0,132	FALSE
-0,121	0,290	-0,003	0,010	0,119	FALSE
0,044	0,280	0,002	0,016	0,041	FALSE
0,037	0,298	0,002	0,010	0,069	FALSE
-0,161	0,292	-0,007	0,013	0,230	FALSE
0,064	0,277	0,005	0,016	0,116	FALSE
0,067	0,289	0,005	0,018	0,101	FALSE
0,065	0,279	0,004	0,017	0,078	FALSE
0,005	0,279	-0,001	0,010	0,026	FALSE
-0,172	0,272	-0,008	0,015	0,232	FALSE
-0,188	0,280	-0,008	0,013	0,276	FALSE
0,353	0,255	0,016	0,012	0,754	FALSE
-0,099	0,277	-0,003	0,011	0,091	FALSE
-0,020	0,282	-0,002	0,014	0,061	FALSE
0,008	0,289	0,001	0,009	0,024	FALSE
-0,089	0,272	-0,004	0,017	0,090	FALSE
0,021	0,274	0,000	0,013	0,009	FALSE
-0,035	0,301	-0,001	0,015	0,034	FALSE
-0,031	0,271	0,001	0,012	0,023	FALSE
0,058	0,265	0,003	0,017	0,062	FALSE
0,004	0,287	0,000	0,009	0,012	FALSE
-0,126	0,282	-0,005	0,012	0,174	FALSE
-0,023	0,285	-0,002	0,016	0,042	FALSE
0,024	0,274	0,001	0,011	0,036	FALSE
-0,152	0,269	-0,006	0,013	0,217	FALSE
0,016	0,271	0,003	0,018	0,055	FALSE
-0,071	0,272	-0,006	0,017	0,154	FALSE
0,123	0,287	0,006	0,014	0,166	FALSE
0,181	0,286	0,011	0,016	0,313	FALSE
-0,239	0,277	-0,009	0,011	0,377	FALSE
0,044	0,268	0,002	0,013	0,060	FALSE
0,108	0,287	0,006	0,015	0,162	FALSE
0,073	0,280	0,002	0,010	0,085	FALSE
0,012	0,293	0,000	0,010	0,005	FALSE
0,065	0,286	0,002	0,009	0,067	FALSE
-0,169	0,285	-0,005	0,009	0,257	FALSE
-0,019	0,292	0,001	0,013	0,015	FALSE
0,026	0,297	0,002	0,011	0,068	FALSE
0,023	0,282	0,002	0,012	0,065	FALSE
0,024	0,285	0,002	0,011	0,069	FALSE
-0,063	0,269	-0,003	0,011	0,101	FALSE
-0,054	0,289	-0,003	0,018	0,069	FALSE
0,152	0,271	0,005	0,010	0,208	FALSE
-0,126	0,282	-0,004	0,012	0,129	FALSE
-0,159	0,276	-0,007	0,013	0,223	FALSE
-0,055	0,277	-0,002	0,017	0,052	FALSE
0,085	0,287	0,003	0,012	0,116	FALSE
0,035	0,276	0,000	0,011	0,013	FALSE

0,059	0,270	0,002	0,011	0,054	FALSE
-0,088	0,289	-0,003	0,012	0,088	FALSE
0,048	0,282	0,004	0,013	0,127	FALSE
-0,078	0,286	-0,006	0,015	0,146	FALSE
-0,102	0,284	-0,003	0,012	0,102	FALSE
0,116	0,281	0,004	0,018	0,089	FALSE
0,002	0,286	-0,001	0,018	0,016	FALSE
0,066	0,289	0,002	0,009	0,066	FALSE
-0,031	0,278	-0,001	0,009	0,056	FALSE
-0,111	0,289	-0,003	0,009	0,126	FALSE
0,024	0,281	0,002	0,014	0,048	FALSE
-0,225	0,277	-0,007	0,010	0,304	FALSE
-0,102	0,309	-0,003	0,010	0,118	FALSE
0,063	0,290	0,003	0,017	0,063	FALSE
-0,030	0,283	-0,001	0,015	0,018	FALSE
-0,021	0,291	0,000	0,016	0,002	FALSE
-0,114	0,286	-0,005	0,016	0,127	FALSE
-0,042	0,273	-0,001	0,011	0,024	FALSE
-0,081	0,289	-0,001	0,009	0,049	FALSE
0,072	0,290	0,002	0,010	0,081	FALSE
-0,078	0,282	-0,003	0,011	0,110	FALSE
0,038	0,290	0,000	0,009	0,018	FALSE
0,012	0,292	0,000	0,016	0,005	FALSE
0,059	0,277	0,001	0,017	0,014	FALSE
-0,115	0,295	-0,005	0,014	0,135	FALSE
-0,025	0,286	0,000	0,017	0,004	FALSE
0,072	0,281	0,002	0,012	0,064	FALSE
0,015	0,292	0,000	0,009	0,016	FALSE
0,012	0,267	0,000	0,016	0,004	FALSE
0,009	0,277	0,000	0,016	0,004	FALSE
0,045	0,264	0,002	0,016	0,055	FALSE
-0,094	0,283	-0,002	0,012	0,079	FALSE
0,032	0,292	0,001	0,016	0,016	FALSE
0,015	0,287	0,002	0,011	0,071	FALSE
-0,006	0,295	0,001	0,012	0,038	FALSE
0,084	0,285	0,003	0,016	0,073	FALSE
0,071	0,297	0,003	0,017	0,067	FALSE
0,105	0,288	0,005	0,017	0,111	FALSE
0,093	0,277	0,005	0,017	0,106	FALSE
-0,019	0,287	0,000	0,011	0,009	FALSE
0,030	0,294	0,001	0,010	0,050	FALSE
0,091	0,278	0,004	0,009	0,172	FALSE
-0,032	0,281	-0,002	0,017	0,040	FALSE
0,036	0,292	0,001	0,010	0,027	FALSE
-0,072	0,279	-0,002	0,012	0,057	FALSE
-0,143	0,281	-0,006	0,013	0,197	FALSE
0,119	0,280	0,008	0,017	0,204	FALSE
0,068	0,284	0,004	0,009	0,168	FALSE
0,003	0,285	-0,002	0,012	0,058	FALSE
-0,028	0,286	-0,002	0,010	0,062	FALSE
0,061	0,290	0,002	0,018	0,049	FALSE
-0,246	0,273	-0,014	0,016	0,414	FALSE
-0,113	0,274	-0,004	0,013	0,119	FALSE

-0,113	0,289	-0,002	0,010	0,092	FALSE
-0,063	0,298	-0,001	0,010	0,047	FALSE
-0,189	0,284	-0,014	0,018	0,334	FALSE
-0,173	0,287	-0,006	0,010	0,271	FALSE
-0,180	0,293	-0,008	0,015	0,223	FALSE
0,015	0,288	0,000	0,014	0,007	FALSE
0,036	0,294	0,002	0,019	0,041	FALSE
0,153	0,267	0,006	0,012	0,222	FALSE
-0,037	0,286	-0,001	0,016	0,024	FALSE
0,145	0,295	0,005	0,012	0,192	FALSE
-0,065	0,293	-0,005	0,018	0,100	FALSE
0,059	0,287	0,003	0,016	0,070	FALSE
0,065	0,278	0,003	0,016	0,071	FALSE
0,103	0,279	0,004	0,009	0,150	FALSE
0,012	0,286	0,002	0,014	0,041	FALSE
0,127	0,286	0,007	0,016	0,179	FALSE
0,046	0,269	0,001	0,017	0,024	FALSE
0,234	0,281	0,006	0,009	0,309	FALSE
0,187	0,269	0,005	0,010	0,183	FALSE
0,128	0,292	0,006	0,015	0,162	FALSE
-0,059	0,290	-0,003	0,011	0,112	FALSE
-0,032	0,297	-0,002	0,011	0,064	FALSE
0,161	0,265	0,003	0,009	0,149	FALSE
-0,116	0,280	-0,006	0,012	0,207	FALSE
0,017	0,280	-0,002	0,013	0,049	FALSE
-0,056	0,286	-0,001	0,010	0,050	FALSE
0,206	0,264	0,006	0,013	0,187	FALSE
-0,069	0,272	-0,004	0,012	0,115	FALSE
0,149	0,277	0,004	0,014	0,117	FALSE
0,046	0,283	0,001	0,011	0,039	FALSE
0,209	0,278	0,010	0,015	0,281	FALSE
-0,002	0,285	0,000	0,017	0,007	FALSE
-0,043	0,295	-0,001	0,013	0,020	FALSE
0,099	0,284	0,003	0,013	0,102	FALSE
-0,078	0,291	-0,001	0,013	0,027	FALSE
0,067	0,285	0,002	0,012	0,072	FALSE
0,008	0,277	-0,001	0,013	0,019	FALSE
-0,204	0,290	-0,009	0,014	0,293	FALSE
0,061	0,287	0,003	0,012	0,080	FALSE
-0,050	0,279	-0,002	0,013	0,052	FALSE
0,110	0,269	0,005	0,017	0,119	FALSE
0,045	0,305	0,003	0,017	0,075	FALSE
-0,251	0,281	-0,011	0,013	0,391	FALSE
-0,041	0,268	0,000	0,011	0,002	FALSE
-0,060	0,280	-0,002	0,011	0,071	FALSE
0,100	0,288	0,006	0,017	0,126	FALSE
0,176	0,290	0,010	0,018	0,246	FALSE
-0,160	0,273	-0,009	0,015	0,268	FALSE
0,099	0,285	0,006	0,016	0,138	FALSE
0,012	0,276	-0,001	0,017	0,018	FALSE
-0,056	0,287	-0,002	0,015	0,046	FALSE
0,115	0,269	0,006	0,014	0,174	FALSE
-0,041	0,290	-0,003	0,016	0,068	FALSE

0,004	0,278	0,000	0,017	0,007	FALSE
0,036	0,267	0,002	0,017	0,042	FALSE
-0,184	0,269	-0,011	0,017	0,298	FALSE
-0,122	0,278	-0,003	0,009	0,139	FALSE
-0,067	0,283	-0,004	0,014	0,105	FALSE
0,073	0,286	0,003	0,012	0,101	FALSE
0,014	0,297	0,000	0,016	0,007	FALSE
-0,050	0,280	-0,002	0,011	0,082	FALSE
0,176	0,285	0,009	0,013	0,324	FALSE
-0,031	0,279	-0,002	0,010	0,091	FALSE
-0,096	0,284	-0,004	0,009	0,154	FALSE
-0,075	0,290	-0,003	0,009	0,110	FALSE
-0,032	0,292	0,000	0,017	0,003	FALSE
-0,054	0,293	0,000	0,009	0,018	FALSE
-0,047	0,277	-0,005	0,016	0,110	FALSE
0,086	0,281	0,004	0,016	0,085	FALSE
-0,094	0,274	-0,003	0,010	0,124	FALSE
0,229	0,261	0,012	0,017	0,331	FALSE
0,200	0,263	0,007	0,015	0,212	FALSE
-0,032	0,284	-0,001	0,011	0,024	FALSE
0,209	0,279	0,010	0,016	0,260	FALSE
0,260	0,270	0,014	0,018	0,356	FALSE
0,126	0,295	0,005	0,015	0,138	FALSE
-0,015	0,286	0,000	0,017	0,000	FALSE
-0,031	0,279	-0,001	0,016	0,022	FALSE
-0,019	0,274	0,000	0,017	0,006	FALSE
-0,043	0,277	-0,003	0,016	0,061	FALSE
0,080	0,295	0,005	0,011	0,162	FALSE
0,208	0,291	0,012	0,017	0,309	FALSE
0,135	0,286	0,004	0,011	0,163	FALSE
0,078	0,302	0,004	0,015	0,098	FALSE
-0,065	0,287	-0,002	0,011	0,079	FALSE
0,003	0,290	0,002	0,014	0,038	FALSE
-0,060	0,287	-0,001	0,014	0,037	FALSE
0,125	0,275	0,004	0,011	0,166	FALSE
-0,145	0,292	-0,004	0,009	0,162	FALSE
0,017	0,279	0,002	0,014	0,045	FALSE
-0,035	0,283	-0,001	0,017	0,024	FALSE
-0,192	0,282	-0,008	0,013	0,254	FALSE
-0,004	0,275	-0,001	0,011	0,047	FALSE
0,053	0,274	0,002	0,009	0,081	FALSE
0,155	0,260	0,007	0,016	0,174	FALSE
-0,066	0,281	-0,003	0,015	0,086	FALSE
0,135	0,274	0,002	0,009	0,101	FALSE
-0,004	0,278	-0,001	0,009	0,049	FALSE
0,022	0,279	0,003	0,014	0,078	FALSE
0,047	0,282	0,002	0,009	0,088	FALSE
-0,030	0,278	-0,001	0,010	0,046	FALSE
0,049	0,271	0,003	0,011	0,097	FALSE
0,025	0,275	0,000	0,009	0,018	FALSE
0,116	0,279	0,005	0,015	0,139	FALSE
0,171	0,277	0,007	0,012	0,237	FALSE
0,015	0,282	-0,001	0,011	0,032	FALSE

-0,142	0,276	-0,007	0,014	0,217	FALSE
-0,187	0,270	-0,009	0,013	0,312	FALSE
0,156	0,293	0,005	0,013	0,166	FALSE
0,015	0,288	0,000	0,013	0,009	FALSE
-0,027	0,282	-0,002	0,013	0,065	FALSE
-0,029	0,283	-0,003	0,016	0,061	FALSE
-0,015	0,284	-0,002	0,016	0,035	FALSE
0,146	0,287	0,005	0,013	0,164	FALSE
0,001	0,289	0,001	0,018	0,023	FALSE
-0,158	0,283	-0,007	0,013	0,211	FALSE
0,008	0,294	0,002	0,013	0,047	FALSE
-0,055	0,275	-0,005	0,015	0,115	FALSE
0,002	0,290	0,000	0,009	0,003	FALSE
0,076	0,286	0,002	0,009	0,064	FALSE
0,098	0,288	0,002	0,009	0,106	FALSE
-0,053	0,286	-0,002	0,017	0,037	FALSE
-0,014	0,284	-0,002	0,009	0,075	FALSE
-0,126	0,288	-0,008	0,018	0,199	FALSE
-0,089	0,282	-0,005	0,016	0,131	FALSE
-0,020	0,284	0,001	0,017	0,018	FALSE
-0,048	0,290	-0,003	0,018	0,054	FALSE
0,032	0,287	0,000	0,011	0,009	FALSE
0,205	0,272	0,010	0,014	0,306	FALSE
0,070	0,288	0,003	0,017	0,063	FALSE
-0,055	0,275	-0,001	0,009	0,062	FALSE
0,057	0,291	0,001	0,016	0,024	FALSE
0,046	0,295	0,001	0,014	0,025	FALSE
-0,090	0,295	-0,003	0,015	0,069	FALSE
-0,091	0,273	-0,004	0,016	0,107	FALSE
0,043	0,276	-0,001	0,014	0,013	FALSE
0,071	0,292	0,006	0,017	0,134	FALSE
0,137	0,295	0,006	0,012	0,223	FALSE
0,045	0,268	0,001	0,017	0,028	FALSE
-0,200	0,284	-0,009	0,014	0,272	FALSE
-0,059	0,277	-0,001	0,010	0,043	FALSE
0,035	0,278	0,002	0,014	0,040	FALSE
0,028	0,295	0,002	0,010	0,087	FALSE
0,030	0,284	0,000	0,010	0,009	FALSE
0,154	0,283	0,005	0,010	0,218	FALSE
0,149	0,280	0,005	0,010	0,213	FALSE
0,013	0,275	0,000	0,012	0,013	FALSE
-0,009	0,291	-0,002	0,014	0,063	FALSE
0,009	0,297	0,001	0,012	0,043	FALSE
0,124	0,278	0,008	0,016	0,207	FALSE
0,011	0,299	0,000	0,013	0,013	FALSE
-0,174	0,283	-0,005	0,009	0,241	FALSE
0,013	0,277	0,003	0,013	0,073	FALSE
0,044	0,278	0,000	0,012	0,007	FALSE
0,037	0,282	0,003	0,011	0,099	FALSE
0,003	0,280	-0,001	0,011	0,028	FALSE
-0,091	0,269	-0,005	0,016	0,127	FALSE
-0,005	0,293	0,000	0,017	0,006	FALSE
0,079	0,280	0,003	0,013	0,075	FALSE

0,138	0,286	0,007	0,017	0,152	FALSE
-0,012	0,287	0,001	0,013	0,019	FALSE
-0,247	0,253	-0,014	0,016	0,404	FALSE
0,140	0,284	0,004	0,010	0,157	FALSE
0,044	0,288	0,001	0,009	0,034	FALSE
0,219	0,281	0,011	0,016	0,318	FALSE
0,061	0,291	0,002	0,018	0,046	FALSE
-0,104	0,290	-0,006	0,017	0,141	FALSE
-0,171	0,285	-0,005	0,011	0,173	FALSE
-0,001	0,285	0,000	0,014	0,008	FALSE
-0,054	0,297	-0,002	0,017	0,052	FALSE
0,162	0,289	0,008	0,016	0,224	FALSE
-0,013	0,277	0,000	0,009	0,006	FALSE
-0,066	0,277	-0,004	0,017	0,082	FALSE
0,062	0,279	0,001	0,011	0,041	FALSE
0,030	0,261	-0,001	0,016	0,015	FALSE
-0,092	0,272	-0,005	0,013	0,156	FALSE
-0,002	0,275	0,002	0,009	0,060	FALSE
-0,049	0,294	-0,001	0,017	0,030	FALSE
-0,135	0,279	-0,005	0,014	0,141	FALSE
-0,027	0,295	0,000	0,011	0,014	FALSE
-0,006	0,284	-0,001	0,012	0,024	FALSE
0,083	0,279	0,004	0,013	0,123	FALSE
0,037	0,282	0,002	0,014	0,049	FALSE
-0,204	0,274	-0,007	0,011	0,272	FALSE
0,097	0,274	0,003	0,012	0,105	FALSE
-0,103	0,284	-0,005	0,015	0,143	FALSE
-0,136	0,259	-0,006	0,010	0,297	FALSE
-0,077	0,277	-0,002	0,012	0,060	FALSE
0,089	0,285	0,006	0,017	0,134	FALSE
0,056	0,280	0,002	0,016	0,053	FALSE
0,077	0,271	0,003	0,009	0,133	FALSE
-0,003	0,286	-0,003	0,013	0,074	FALSE
0,033	0,281	0,001	0,012	0,028	FALSE
-0,105	0,271	-0,005	0,016	0,124	FALSE
0,017	0,285	0,001	0,016	0,023	FALSE
0,002	0,296	0,003	0,016	0,059	FALSE
0,031	0,280	0,001	0,011	0,016	FALSE
0,122	0,285	0,005	0,009	0,226	FALSE
0,151	0,283	0,006	0,016	0,146	FALSE
0,194	0,274	0,007	0,011	0,252	FALSE
0,076	0,283	0,001	0,014	0,031	FALSE
-0,122	0,282	-0,004	0,010	0,147	FALSE
0,072	0,273	0,001	0,009	0,025	FALSE
0,126	0,278	0,002	0,009	0,086	FALSE
0,099	0,275	0,003	0,013	0,087	FALSE
-0,034	0,269	0,002	0,017	0,047	FALSE
0,024	0,277	0,003	0,017	0,067	FALSE
-0,086	0,290	-0,004	0,018	0,087	FALSE
0,128	0,281	0,006	0,010	0,226	FALSE
0,199	0,275	0,007	0,011	0,275	FALSE
-0,040	0,283	-0,002	0,009	0,081	FALSE
0,132	0,272	0,003	0,009	0,140	FALSE

-0,133	0,298	-0,004	0,010	0,170	FALSE
-0,235	0,274	-0,007	0,008	0,360	FALSE
0,097	0,276	0,002	0,009	0,097	FALSE
-0,083	0,301	-0,002	0,014	0,047	FALSE
0,157	0,277	0,007	0,011	0,281	FALSE
-0,118	0,295	-0,003	0,010	0,109	FALSE
0,029	0,271	0,005	0,015	0,131	FALSE
0,108	0,277	0,004	0,013	0,111	FALSE
-0,056	0,269	-0,003	0,017	0,076	FALSE
-0,053	0,288	-0,002	0,010	0,092	FALSE
0,092	0,286	0,004	0,017	0,089	FALSE
0,048	0,276	0,001	0,010	0,029	FALSE
-0,031	0,288	0,000	0,017	0,005	FALSE
-0,190	0,274	-0,008	0,014	0,235	FALSE
-0,125	0,290	-0,003	0,010	0,117	FALSE
0,190	0,267	0,006	0,012	0,227	FALSE
0,130	0,257	0,003	0,014	0,086	FALSE
0,024	0,271	-0,001	0,009	0,020	FALSE
0,135	0,262	0,004	0,010	0,174	FALSE
0,148	0,280	0,005	0,013	0,152	FALSE
-0,025	0,286	-0,002	0,011	0,068	FALSE
0,009	0,291	0,000	0,016	0,001	FALSE
0,092	0,282	0,002	0,009	0,099	FALSE
0,035	0,266	0,000	0,010	0,005	FALSE
-0,013	0,293	-0,001	0,015	0,016	FALSE
0,081	0,287	0,005	0,014	0,133	FALSE
-0,066	0,263	-0,004	0,012	0,139	FALSE
-0,064	0,280	-0,003	0,010	0,092	FALSE
-0,111	0,276	-0,004	0,012	0,148	FALSE
-0,077	0,290	-0,005	0,015	0,143	FALSE
-0,215	0,265	-0,011	0,016	0,311	FALSE
-0,107	0,284	-0,003	0,010	0,096	FALSE
0,083	0,289	0,003	0,016	0,070	FALSE
-0,017	0,298	0,000	0,014	0,010	FALSE
0,001	0,287	0,001	0,016	0,027	FALSE
-0,039	0,279	-0,001	0,016	0,028	FALSE
-0,024	0,280	0,000	0,015	0,005	FALSE
-0,032	0,297	-0,002	0,014	0,052	FALSE
0,034	0,289	0,003	0,011	0,093	FALSE
0,086	0,282	0,004	0,013	0,132	FALSE
0,042	0,277	0,003	0,013	0,075	FALSE
0,033	0,276	0,003	0,011	0,092	FALSE
-0,039	0,279	0,000	0,011	0,013	FALSE
0,054	0,264	0,001	0,014	0,017	FALSE
-0,080	0,282	-0,003	0,015	0,081	FALSE
-0,093	0,291	-0,004	0,016	0,107	FALSE
-0,093	0,281	-0,004	0,015	0,105	FALSE
-0,081	0,284	-0,003	0,015	0,085	FALSE
0,049	0,291	0,004	0,014	0,099	FALSE
0,105	0,291	0,006	0,015	0,155	FALSE
0,076	0,275	0,005	0,015	0,130	FALSE
-0,019	0,278	-0,001	0,014	0,037	FALSE
-0,203	0,269	-0,010	0,014	0,312	FALSE

-0,087	0,284	-0,003	0,014	0,096	FALSE
0,096	0,296	0,005	0,011	0,197	FALSE
-0,157	0,291	-0,004	0,009	0,207	FALSE
-0,156	0,283	-0,006	0,010	0,280	FALSE
-0,324	0,251	-0,017	0,014	0,642	FALSE
-0,214	0,284	-0,008	0,012	0,317	FALSE
-0,118	0,278	-0,004	0,013	0,102	FALSE
-0,065	0,280	-0,002	0,014	0,044	FALSE
0,022	0,278	0,001	0,016	0,022	FALSE
0,304	0,267	0,012	0,011	0,546	FALSE
-0,025	0,293	0,000	0,010	0,010	FALSE
-0,139	0,270	-0,004	0,013	0,130	FALSE
0,013	0,280	0,000	0,015	0,010	FALSE
-0,118	0,280	-0,005	0,011	0,189	FALSE
0,072	0,281	0,002	0,013	0,049	FALSE
0,119	0,279	0,005	0,013	0,171	FALSE
0,088	0,279	0,006	0,015	0,170	FALSE
-0,195	0,270	-0,008	0,011	0,314	FALSE
-0,084	0,292	-0,004	0,015	0,094	FALSE
0,021	0,288	0,003	0,017	0,056	FALSE
-0,129	0,290	-0,003	0,013	0,089	FALSE
0,033	0,293	0,004	0,016	0,097	FALSE
0,144	0,281	0,006	0,014	0,192	FALSE
0,064	0,289	0,005	0,015	0,117	FALSE
0,243	0,266	0,013	0,017	0,345	FALSE
0,062	0,286	0,003	0,012	0,083	FALSE
0,056	0,292	0,001	0,015	0,018	FALSE
-0,030	0,285	-0,003	0,015	0,075	FALSE
-0,038	0,289	-0,001	0,015	0,020	FALSE
-0,017	0,294	0,001	0,013	0,020	FALSE
0,085	0,272	0,005	0,014	0,143	FALSE
-0,112	0,274	-0,005	0,015	0,120	FALSE
0,033	0,270	-0,002	0,016	0,037	FALSE
-0,063	0,287	-0,003	0,011	0,104	FALSE
-0,051	0,277	0,000	0,012	0,012	FALSE
-0,246	0,285	-0,009	0,011	0,356	FALSE
-0,039	0,267	-0,003	0,014	0,070	FALSE
0,077	0,305	0,003	0,019	0,060	FALSE
-0,241	0,280	-0,008	0,011	0,329	FALSE
0,067	0,270	0,003	0,010	0,107	FALSE
-0,116	0,283	-0,007	0,015	0,185	FALSE
0,185	0,268	0,010	0,015	0,302	FALSE
0,110	0,296	0,006	0,013	0,181	FALSE
0,018	0,279	0,001	0,010	0,036	FALSE
-0,228	0,277	-0,008	0,010	0,356	FALSE
0,070	0,297	0,004	0,015	0,089	FALSE
0,079	0,284	0,003	0,008	0,154	FALSE
-0,098	0,281	-0,002	0,010	0,074	FALSE
0,017	0,283	0,000	0,009	0,016	FALSE
-0,031	0,295	0,000	0,010	0,010	FALSE
-0,074	0,288	-0,001	0,009	0,054	FALSE
-0,093	0,294	-0,005	0,013	0,166	FALSE
0,227	0,274	0,015	0,017	0,404	FALSE

0,070	0,290	0,003	0,014	0,080	FALSE
-0,171	0,278	-0,013	0,015	0,400	FALSE
-0,198	0,284	-0,013	0,016	0,361	FALSE
-0,151	0,292	-0,010	0,017	0,246	FALSE
-0,102	0,278	-0,003	0,010	0,100	FALSE
0,277	0,269	0,016	0,015	0,541	FALSE
-0,195	0,279	-0,006	0,008	0,301	FALSE
0,028	0,279	0,001	0,012	0,022	FALSE
-0,043	0,282	-0,002	0,017	0,039	FALSE
-0,043	0,285	-0,002	0,017	0,033	FALSE
0,016	0,276	0,001	0,009	0,035	FALSE
0,143	0,274	0,006	0,016	0,164	FALSE
-0,043	0,286	-0,002	0,017	0,037	FALSE
-0,085	0,278	-0,003	0,010	0,129	FALSE
0,056	0,307	0,003	0,018	0,051	FALSE
0,088	0,282	0,006	0,016	0,141	FALSE
-0,012	0,274	-0,006	0,017	0,155	FALSE
-0,124	0,279	-0,004	0,009	0,168	FALSE
0,061	0,295	0,001	0,013	0,037	FALSE
-0,081	0,284	-0,002	0,009	0,094	FALSE
-0,088	0,276	-0,002	0,008	0,094	FALSE
-0,045	0,288	-0,002	0,014	0,061	FALSE
-0,100	0,275	-0,003	0,009	0,127	FALSE
-0,081	0,271	-0,002	0,009	0,101	FALSE
0,126	0,279	0,005	0,015	0,134	FALSE
0,085	0,293	0,003	0,017	0,068	FALSE
-0,026	0,283	0,000	0,009	0,019	FALSE
-0,021	0,271	-0,001	0,011	0,033	FALSE
0,064	0,286	0,004	0,017	0,088	FALSE
0,038	0,296	0,003	0,017	0,058	FALSE
-0,076	0,284	-0,002	0,010	0,086	FALSE
-0,033	0,285	0,000	0,014	0,011	FALSE
-0,028	0,286	0,001	0,014	0,032	FALSE
0,039	0,286	0,003	0,017	0,057	FALSE
0,104	0,274	0,004	0,014	0,115	FALSE
0,061	0,273	0,006	0,015	0,150	FALSE
0,029	0,296	0,002	0,018	0,044	FALSE
-0,051	0,271	-0,003	0,017	0,068	FALSE
0,105	0,288	0,005	0,014	0,132	FALSE
-0,025	0,275	-0,002	0,017	0,034	FALSE
-0,063	0,290	-0,002	0,017	0,051	FALSE
0,207	0,288	0,005	0,009	0,255	FALSE
0,075	0,284	0,002	0,011	0,058	FALSE
0,098	0,290	0,005	0,013	0,164	FALSE
-0,108	0,293	-0,004	0,014	0,117	FALSE
-0,205	0,278	-0,012	0,017	0,302	FALSE
0,186	0,274	0,010	0,014	0,335	FALSE
-0,190	0,265	-0,006	0,009	0,288	FALSE
-0,124	0,297	-0,005	0,012	0,161	FALSE
-0,078	0,299	-0,005	0,017	0,111	FALSE
0,210	0,264	0,010	0,014	0,317	FALSE
0,043	0,277	0,003	0,016	0,059	FALSE
0,063	0,281	0,002	0,011	0,055	FALSE

0,055	0,288	0,003	0,015	0,065	FALSE
0,013	0,294	0,002	0,009	0,070	FALSE
-0,103	0,297	-0,003	0,011	0,105	FALSE
0,023	0,284	0,002	0,012	0,058	FALSE
-0,009	0,288	-0,001	0,011	0,017	FALSE
0,044	0,287	0,003	0,013	0,093	FALSE
0,080	0,297	0,004	0,016	0,092	FALSE
-0,198	0,279	-0,006	0,009	0,276	FALSE
0,123	0,282	0,004	0,009	0,175	FALSE
0,021	0,289	0,001	0,009	0,060	FALSE
0,177	0,274	0,007	0,016	0,194	FALSE
0,266	0,263	0,011	0,013	0,368	FALSE
-0,127	0,281	-0,005	0,010	0,230	FALSE
-0,004	0,281	0,001	0,012	0,023	FALSE
-0,059	0,272	-0,004	0,015	0,090	FALSE
0,081	0,294	0,004	0,018	0,086	FALSE
0,032	0,285	0,003	0,011	0,093	FALSE
-0,077	0,285	0,000	0,011	0,006	FALSE
-0,264	0,272	-0,012	0,013	0,429	FALSE
0,108	0,297	0,007	0,015	0,183	FALSE
0,025	0,284	0,002	0,013	0,060	FALSE
-0,179	0,286	-0,008	0,014	0,245	FALSE
-0,045	0,278	-0,003	0,015	0,079	FALSE
-0,001	0,277	0,002	0,010	0,083	FALSE
0,035	0,283	-0,001	0,013	0,022	FALSE
-0,006	0,280	-0,001	0,010	0,032	FALSE
0,000	0,283	0,001	0,012	0,043	FALSE
-0,053	0,288	-0,001	0,009	0,041	FALSE
0,013	0,279	0,002	0,011	0,086	FALSE
0,002	0,265	-0,001	0,015	0,030	FALSE
0,128	0,285	0,003	0,009	0,148	FALSE
0,037	0,277	0,002	0,016	0,047	FALSE
-0,007	0,298	0,001	0,011	0,044	FALSE
-0,105	0,290	-0,004	0,017	0,103	FALSE
0,171	0,289	0,006	0,010	0,280	FALSE
0,085	0,293	0,004	0,011	0,150	FALSE
0,076	0,282	0,007	0,018	0,161	FALSE
0,063	0,291	0,006	0,017	0,131	FALSE
0,083	0,280	0,004	0,010	0,162	FALSE
-0,028	0,298	0,000	0,017	0,008	FALSE
0,011	0,282	0,001	0,010	0,018	FALSE
0,117	0,290	0,005	0,010	0,200	FALSE
0,120	0,274	0,005	0,010	0,194	FALSE
0,038	0,289	0,003	0,009	0,135	FALSE
-0,001	0,294	0,001	0,017	0,013	FALSE
0,015	0,294	0,001	0,011	0,044	FALSE
0,130	0,279	0,004	0,011	0,150	FALSE
0,096	0,281	0,004	0,010	0,152	FALSE
-0,021	0,289	0,000	0,011	0,016	FALSE
0,021	0,276	0,001	0,015	0,013	FALSE
0,031	0,295	0,000	0,016	0,001	FALSE
0,083	0,285	0,008	0,017	0,215	FALSE
0,034	0,279	0,001	0,017	0,025	FALSE

-0,072	0,299	-0,003	0,011	0,086	FALSE
0,097	0,274	0,004	0,011	0,133	FALSE
-0,061	0,298	-0,005	0,018	0,100	FALSE
0,008	0,270	0,000	0,013	0,013	FALSE
0,045	0,266	0,001	0,010	0,024	FALSE
0,048	0,280	0,000	0,009	0,010	FALSE
-0,145	0,272	-0,005	0,011	0,198	FALSE
0,021	0,278	-0,002	0,013	0,067	FALSE
-0,198	0,281	-0,011	0,015	0,315	FALSE
0,061	0,297	0,004	0,014	0,097	FALSE
0,111	0,283	0,003	0,009	0,120	FALSE
0,126	0,280	0,005	0,010	0,196	FALSE
0,190	0,269	0,005	0,009	0,215	FALSE
0,059	0,299	0,002	0,014	0,065	FALSE
-0,018	0,279	0,001	0,009	0,032	FALSE
-0,063	0,290	-0,002	0,010	0,088	FALSE
0,259	0,273	0,009	0,010	0,439	FALSE
-0,141	0,287	-0,004	0,010	0,172	FALSE
0,004	0,282	-0,001	0,009	0,056	FALSE
0,064	0,291	0,001	0,011	0,039	FALSE
0,094	0,276	0,002	0,011	0,074	FALSE
0,023	0,281	0,000	0,009	0,008	FALSE
-0,090	0,274	-0,001	0,008	0,060	FALSE
-0,170	0,287	-0,013	0,018	0,334	FALSE
0,228	0,267	0,012	0,015	0,374	FALSE
0,194	0,285	0,009	0,018	0,208	FALSE
0,008	0,293	0,000	0,014	0,001	FALSE
0,014	0,291	0,002	0,016	0,041	FALSE
0,003	0,275	0,001	0,011	0,030	FALSE
-0,129	0,298	-0,005	0,013	0,153	FALSE
0,032	0,281	0,000	0,012	0,002	FALSE
-0,039	0,283	-0,002	0,011	0,066	FALSE
0,051	0,290	0,002	0,017	0,049	FALSE
-0,106	0,281	-0,005	0,011	0,167	FALSE
0,041	0,292	0,002	0,017	0,046	FALSE
0,086	0,270	0,007	0,017	0,159	FALSE
-0,029	0,294	0,000	0,012	0,009	FALSE
0,032	0,255	0,002	0,016	0,040	FALSE
-0,099	0,265	-0,006	0,013	0,204	FALSE
0,068	0,278	0,003	0,017	0,064	FALSE
0,107	0,281	0,005	0,017	0,126	FALSE
-0,102	0,292	-0,003	0,012	0,088	FALSE
-0,068	0,274	-0,003	0,013	0,105	FALSE
-0,115	0,279	-0,006	0,013	0,189	FALSE
-0,110	0,282	-0,006	0,014	0,171	FALSE
0,035	0,285	0,001	0,009	0,042	FALSE
-0,068	0,278	-0,004	0,014	0,099	FALSE
-0,068	0,293	-0,004	0,015	0,094	FALSE
0,037	0,280	0,001	0,009	0,041	FALSE
0,037	0,290	0,003	0,015	0,062	FALSE
0,070	0,287	0,004	0,013	0,111	FALSE
-0,243	0,265	-0,013	0,017	0,347	FALSE
0,087	0,283	0,005	0,014	0,139	FALSE

0,107	0,292	0,003	0,009	0,114	FALSE
0,060	0,286	0,001	0,013	0,042	FALSE
-0,133	0,275	-0,007	0,012	0,258	FALSE
-0,022	0,283	-0,003	0,017	0,072	FALSE
0,057	0,299	0,005	0,018	0,100	FALSE
0,088	0,286	0,006	0,017	0,150	FALSE
0,074	0,286	0,002	0,009	0,084	FALSE
0,165	0,276	0,010	0,015	0,282	FALSE
0,081	0,268	0,003	0,014	0,084	FALSE
0,128	0,266	0,005	0,015	0,142	FALSE
0,031	0,283	0,003	0,017	0,073	FALSE
0,027	0,292	0,000	0,012	0,007	FALSE
-0,062	0,285	-0,003	0,013	0,084	FALSE
-0,044	0,294	-0,004	0,015	0,097	FALSE
-0,009	0,281	-0,002	0,016	0,038	FALSE
0,182	0,283	0,009	0,015	0,272	FALSE
0,133	0,285	0,008	0,017	0,200	FALSE
-0,051	0,293	-0,003	0,014	0,084	FALSE
0,022	0,284	0,000	0,009	0,017	FALSE
-0,061	0,292	-0,004	0,016	0,093	FALSE
0,036	0,289	0,001	0,013	0,028	FALSE
-0,107	0,287	-0,005	0,014	0,149	FALSE
-0,038	0,304	-0,002	0,013	0,059	FALSE
-0,135	0,283	-0,009	0,016	0,226	FALSE
-0,138	0,308	-0,005	0,019	0,099	FALSE
0,081	0,282	0,004	0,013	0,138	FALSE
0,282	0,259	0,014	0,017	0,395	FALSE
-0,133	0,284	-0,005	0,012	0,147	FALSE
0,198	0,268	0,009	0,011	0,364	FALSE
-0,100	0,286	-0,005	0,018	0,121	FALSE
-0,174	0,275	-0,006	0,012	0,211	FALSE
-0,033	0,268	-0,002	0,010	0,066	FALSE
-0,028	0,283	-0,002	0,010	0,096	FALSE
-0,143	0,272	-0,008	0,017	0,183	FALSE
-0,017	0,287	-0,001	0,009	0,056	FALSE
-0,107	0,298	-0,005	0,011	0,185	FALSE
-0,120	0,290	-0,006	0,012	0,199	FALSE
-0,104	0,289	-0,004	0,014	0,121	FALSE
-0,122	0,278	-0,006	0,017	0,142	FALSE
-0,007	0,286	-0,001	0,013	0,039	FALSE
0,107	0,272	0,007	0,014	0,206	FALSE
-0,082	0,290	-0,002	0,009	0,066	FALSE
0,063	0,291	0,002	0,014	0,045	FALSE
0,054	0,283	0,001	0,013	0,026	FALSE
0,052	0,274	0,001	0,013	0,035	FALSE
0,014	0,285	0,000	0,013	0,013	FALSE
-0,051	0,279	-0,002	0,011	0,074	FALSE
-0,010	0,275	0,002	0,017	0,034	FALSE
0,030	0,269	0,004	0,014	0,109	FALSE
0,056	0,273	0,001	0,011	0,045	FALSE
0,033	0,292	0,000	0,012	0,005	FALSE
-0,053	0,293	-0,003	0,015	0,066	FALSE
-0,107	0,282	-0,004	0,014	0,112	FALSE

0,122	0,295	0,009	0,018	0,205	FALSE
0,219	0,284	0,012	0,017	0,326	FALSE
0,134	0,269	0,011	0,016	0,300	FALSE
0,036	0,279	0,000	0,014	0,003	FALSE
-0,156	0,278	-0,004	0,010	0,168	FALSE
0,086	0,285	0,003	0,012	0,111	FALSE
-0,135	0,282	-0,003	0,014	0,068	FALSE
0,011	0,278	0,000	0,009	0,000	FALSE
-0,165	0,273	-0,008	0,015	0,249	FALSE
-0,023	0,293	-0,003	0,016	0,068	FALSE
-0,107	0,282	-0,006	0,013	0,183	FALSE
-0,023	0,279	-0,001	0,011	0,029	FALSE
-0,051	0,280	-0,001	0,008	0,051	FALSE
0,132	0,287	0,006	0,011	0,225	FALSE
0,142	0,276	0,005	0,012	0,179	FALSE
-0,155	0,296	-0,004	0,009	0,202	FALSE
-0,120	0,286	-0,007	0,017	0,172	FALSE
0,021	0,290	0,001	0,013	0,029	FALSE
0,110	0,261	0,005	0,017	0,119	FALSE
-0,035	0,295	0,000	0,010	0,012	FALSE
0,087	0,272	0,002	0,011	0,079	FALSE
-0,008	0,292	-0,003	0,013	0,076	FALSE
0,163	0,294	0,005	0,011	0,190	FALSE
-0,097	0,276	-0,002	0,011	0,054	FALSE
0,124	0,285	0,006	0,012	0,222	FALSE
-0,054	0,288	0,000	0,010	0,005	FALSE
-0,011	0,284	0,000	0,016	0,009	FALSE
-0,046	0,304	-0,002	0,018	0,048	FALSE
0,010	0,298	0,000	0,013	0,007	FALSE
0,014	0,282	0,001	0,014	0,024	FALSE
0,078	0,276	0,004	0,015	0,088	FALSE
0,033	0,274	0,002	0,014	0,056	FALSE
-0,035	0,278	-0,004	0,017	0,079	FALSE
-0,061	0,296	-0,002	0,009	0,068	FALSE
-0,042	0,295	0,000	0,016	0,008	FALSE
0,107	0,290	0,006	0,017	0,144	FALSE
0,049	0,270	0,003	0,014	0,089	FALSE
0,146	0,283	0,006	0,012	0,213	FALSE
-0,034	0,285	-0,002	0,010	0,074	FALSE
0,000	0,277	0,000	0,010	0,001	FALSE
0,065	0,304	0,003	0,011	0,115	FALSE
-0,055	0,293	-0,002	0,011	0,067	FALSE
0,247	0,276	0,008	0,009	0,438	FALSE
-0,052	0,290	-0,002	0,014	0,042	FALSE
0,031	0,271	0,003	0,012	0,082	FALSE
0,049	0,291	0,002	0,012	0,060	FALSE
-0,049	0,276	0,000	0,012	0,006	FALSE
-0,090	0,270	-0,002	0,011	0,084	FALSE
0,008	0,281	0,000	0,009	0,012	FALSE
0,051	0,283	0,003	0,013	0,098	FALSE
0,042	0,276	0,003	0,012	0,088	FALSE
-0,012	0,280	0,002	0,016	0,037	FALSE
0,038	0,268	0,002	0,013	0,069	FALSE

-0,059	0,298	-0,004	0,015	0,101	FALSE
-0,080	0,291	-0,001	0,009	0,053	FALSE
0,006	0,295	0,000	0,012	0,002	FALSE
-0,015	0,291	0,000	0,012	0,013	FALSE
0,024	0,285	0,002	0,017	0,049	FALSE
-0,084	0,282	-0,004	0,017	0,090	FALSE
0,168	0,283	0,009	0,017	0,217	FALSE
-0,155	0,273	-0,005	0,014	0,138	FALSE
-0,027	0,297	-0,001	0,018	0,027	FALSE
0,107	0,280	0,005	0,013	0,173	FALSE
0,085	0,262	0,003	0,017	0,061	FALSE
-0,137	0,285	-0,006	0,011	0,239	FALSE
-0,100	0,290	-0,003	0,009	0,110	FALSE
0,213	0,275	0,007	0,011	0,250	FALSE
-0,106	0,269	-0,003	0,012	0,093	FALSE
-0,004	0,274	-0,001	0,008	0,047	FALSE
-0,007	0,283	-0,001	0,009	0,028	FALSE
-0,023	0,281	-0,002	0,016	0,042	FALSE
-0,019	0,286	-0,001	0,016	0,034	FALSE
-0,052	0,283	-0,003	0,013	0,083	FALSE
-0,011	0,299	-0,001	0,011	0,033	FALSE
0,056	0,290	0,002	0,009	0,104	FALSE
-0,143	0,274	-0,004	0,010	0,178	FALSE
-0,122	0,277	-0,005	0,014	0,150	FALSE
0,132	0,276	0,004	0,011	0,152	FALSE
-0,023	0,281	-0,002	0,015	0,060	FALSE
-0,146	0,279	-0,003	0,008	0,160	FALSE
-0,118	0,289	-0,006	0,015	0,146	FALSE
-0,107	0,286	-0,005	0,011	0,196	FALSE
-0,218	0,274	-0,006	0,010	0,269	FALSE
0,013	0,290	0,000	0,010	0,005	FALSE
0,058	0,280	0,002	0,009	0,105	FALSE
-0,033	0,284	0,000	0,011	0,006	FALSE
0,081	0,291	0,004	0,015	0,110	FALSE
0,042	0,279	0,000	0,008	0,013	FALSE
0,035	0,277	0,004	0,017	0,080	FALSE
-0,016	0,285	-0,004	0,018	0,075	FALSE
-0,142	0,288	-0,008	0,017	0,195	FALSE
-0,114	0,287	-0,007	0,016	0,175	FALSE
-0,027	0,297	-0,002	0,013	0,048	FALSE
0,061	0,275	0,003	0,013	0,078	FALSE
0,032	0,279	0,000	0,011	0,003	FALSE
0,065	0,281	0,005	0,017	0,107	FALSE
0,239	0,279	0,008	0,010	0,366	FALSE
-0,134	0,295	-0,005	0,016	0,128	FALSE
-0,032	0,288	0,000	0,015	0,008	FALSE
0,009	0,292	0,001	0,016	0,027	FALSE
0,020	0,277	0,003	0,015	0,085	FALSE
-0,012	0,297	0,000	0,012	0,010	FALSE
0,003	0,264	-0,004	0,015	0,102	FALSE
-0,002	0,276	-0,004	0,016	0,097	FALSE
-0,019	0,277	-0,005	0,016	0,132	FALSE
-0,028	0,276	-0,005	0,016	0,137	FALSE

0,083	0,281	0,001	0,013	0,029	FALSE
-0,056	0,293	-0,001	0,011	0,048	FALSE
-0,068	0,288	-0,005	0,018	0,114	FALSE
-0,080	0,290	-0,005	0,018	0,110	FALSE
0,074	0,287	0,004	0,016	0,090	FALSE
0,145	0,283	0,004	0,009	0,171	FALSE
-0,083	0,259	-0,002	0,017	0,050	FALSE
0,090	0,277	0,004	0,016	0,093	FALSE
0,118	0,283	0,005	0,013	0,155	FALSE
-0,055	0,288	0,000	0,009	0,008	FALSE
-0,018	0,298	-0,002	0,017	0,041	FALSE
-0,027	0,309	0,000	0,018	0,001	FALSE
0,043	0,281	0,001	0,009	0,040	FALSE
-0,144	0,288	-0,006	0,013	0,196	FALSE
-0,239	0,265	-0,011	0,017	0,304	FALSE
-0,249	0,268	-0,012	0,017	0,325	FALSE
0,048	0,287	0,001	0,010	0,043	FALSE
0,053	0,273	0,002	0,013	0,069	FALSE
0,125	0,272	0,005	0,015	0,125	FALSE
-0,111	0,266	-0,005	0,012	0,154	FALSE
-0,134	0,291	-0,004	0,010	0,146	FALSE
-0,090	0,279	-0,002	0,009	0,066	FALSE
-0,020	0,287	0,000	0,010	0,014	FALSE
0,017	0,282	-0,002	0,013	0,060	FALSE
-0,032	0,283	-0,002	0,013	0,054	FALSE
-0,138	0,276	-0,008	0,015	0,224	FALSE
-0,102	0,296	-0,002	0,011	0,072	FALSE
-0,035	0,289	-0,001	0,015	0,035	FALSE
-0,141	0,278	-0,007	0,014	0,219	FALSE
0,093	0,279	0,004	0,012	0,118	FALSE
-0,095	0,283	-0,003	0,011	0,130	FALSE
-0,050	0,273	-0,003	0,011	0,115	FALSE
-0,021	0,290	0,001	0,010	0,037	FALSE
-0,006	0,285	0,001	0,010	0,031	FALSE
-0,019	0,296	0,000	0,016	0,010	FALSE
0,012	0,302	0,001	0,016	0,033	FALSE
-0,067	0,282	-0,001	0,010	0,036	FALSE
-0,066	0,297	-0,001	0,009	0,054	FALSE
0,117	0,266	0,004	0,015	0,109	FALSE
0,132	0,270	0,005	0,016	0,131	FALSE
-0,032	0,282	-0,001	0,009	0,040	FALSE
0,179	0,274	0,007	0,012	0,229	FALSE
0,192	0,272	0,008	0,014	0,240	FALSE
-0,074	0,292	-0,001	0,013	0,029	FALSE
0,038	0,281	0,001	0,009	0,041	FALSE
0,007	0,281	0,000	0,009	0,007	FALSE
0,051	0,278	-0,001	0,014	0,015	FALSE
-0,156	0,266	-0,004	0,009	0,194	FALSE
-0,045	0,291	0,000	0,015	0,008	FALSE
-0,057	0,274	-0,003	0,013	0,090	FALSE
0,175	0,277	0,005	0,010	0,206	FALSE
0,186	0,264	0,010	0,017	0,261	FALSE
0,195	0,273	0,006	0,010	0,230	FALSE

-0,080	0,282	-0,005	0,017	0,108	FALSE
-0,097	0,285	-0,004	0,014	0,098	FALSE
0,070	0,281	0,002	0,010	0,074	FALSE
0,003	0,265	-0,002	0,014	0,041	FALSE
-0,061	0,288	-0,002	0,012	0,071	FALSE
-0,072	0,286	0,000	0,012	0,003	FALSE
0,194	0,273	0,008	0,011	0,322	FALSE
0,069	0,295	0,003	0,014	0,076	FALSE
-0,035	0,281	-0,005	0,017	0,117	FALSE
-0,065	0,282	-0,006	0,013	0,168	FALSE
-0,037	0,292	0,000	0,012	0,001	FALSE
0,022	0,284	-0,002	0,017	0,049	FALSE
-0,083	0,275	-0,003	0,014	0,080	FALSE
-0,080	0,285	-0,003	0,009	0,146	FALSE
0,039	0,282	0,000	0,010	0,007	FALSE
-0,059	0,277	-0,001	0,015	0,022	FALSE
0,114	0,272	0,002	0,009	0,085	FALSE
0,095	0,279	0,004	0,009	0,197	FALSE
0,160	0,279	0,005	0,011	0,183	FALSE
-0,096	0,291	-0,003	0,009	0,142	FALSE
0,166	0,282	0,007	0,014	0,217	FALSE
0,042	0,286	0,001	0,009	0,054	FALSE
0,159	0,266	0,005	0,012	0,171	FALSE
-0,136	0,279	-0,006	0,013	0,176	FALSE
0,135	0,272	0,008	0,016	0,215	FALSE
-0,061	0,298	-0,001	0,012	0,022	FALSE
0,034	0,287	0,001	0,011	0,024	FALSE
-0,147	0,268	-0,008	0,015	0,229	FALSE
-0,132	0,269	-0,007	0,015	0,174	FALSE
-0,068	0,285	-0,003	0,013	0,080	FALSE
-0,034	0,292	0,000	0,010	0,012	FALSE
-0,117	0,292	-0,005	0,016	0,138	FALSE
-0,087	0,290	-0,002	0,011	0,086	FALSE
0,097	0,269	0,002	0,011	0,076	FALSE
0,046	0,284	0,004	0,012	0,151	FALSE
0,173	0,272	0,010	0,017	0,250	FALSE
0,140	0,279	0,008	0,017	0,191	FALSE
0,208	0,277	0,010	0,016	0,293	FALSE
-0,124	0,281	-0,003	0,017	0,072	FALSE
-0,112	0,279	-0,008	0,017	0,205	FALSE
0,092	0,276	0,007	0,016	0,173	FALSE
-0,097	0,277	-0,004	0,017	0,089	FALSE
-0,015	0,287	-0,002	0,013	0,068	FALSE
0,006	0,282	-0,001	0,013	0,030	FALSE
0,053	0,281	0,002	0,016	0,046	FALSE
-0,083	0,288	-0,004	0,017	0,098	FALSE
-0,014	0,270	-0,002	0,014	0,042	FALSE
0,087	0,276	0,004	0,010	0,163	FALSE
0,088	0,273	0,004	0,011	0,149	FALSE
0,017	0,265	-0,001	0,014	0,020	FALSE
0,033	0,277	-0,001	0,010	0,017	FALSE
0,030	0,277	0,000	0,013	0,011	FALSE
-0,046	0,285	-0,003	0,014	0,066	FALSE

-0,083	0,295	-0,002	0,011	0,050	FALSE
-0,177	0,282	-0,006	0,011	0,252	FALSE
0,131	0,276	0,003	0,013	0,096	FALSE
0,035	0,267	-0,001	0,014	0,023	FALSE
0,045	0,274	0,001	0,012	0,043	FALSE
-0,028	0,282	-0,001	0,010	0,028	FALSE
-0,007	0,288	0,001	0,017	0,011	FALSE
-0,025	0,300	0,000	0,009	0,012	FALSE
-0,021	0,291	0,000	0,010	0,011	FALSE
-0,186	0,279	-0,007	0,012	0,252	FALSE
-0,006	0,292	-0,002	0,015	0,048	FALSE
-0,094	0,286	-0,003	0,013	0,081	FALSE
0,201	0,277	0,009	0,013	0,323	FALSE
-0,040	0,279	-0,002	0,013	0,060	FALSE
-0,006	0,280	0,000	0,012	0,008	FALSE
0,034	0,279	0,001	0,010	0,018	FALSE
0,027	0,270	0,000	0,010	0,009	FALSE
0,005	0,285	-0,001	0,011	0,021	FALSE
0,043	0,291	0,001	0,011	0,037	FALSE
0,074	0,292	0,003	0,013	0,099	FALSE
-0,059	0,287	-0,003	0,014	0,070	FALSE
-0,052	0,283	-0,002	0,014	0,059	FALSE
0,008	0,289	0,000	0,014	0,007	FALSE
-0,042	0,298	-0,002	0,014	0,049	FALSE
0,014	0,295	0,001	0,011	0,039	FALSE
0,022	0,290	-0,001	0,010	0,023	FALSE
-0,039	0,292	-0,001	0,010	0,025	FALSE
-0,086	0,276	-0,001	0,008	0,045	FALSE
0,008	0,291	0,000	0,009	0,012	FALSE
0,056	0,294	0,003	0,014	0,084	FALSE
-0,046	0,293	-0,001	0,010	0,018	FALSE
0,111	0,279	0,007	0,015	0,196	FALSE
0,002	0,289	-0,003	0,016	0,071	FALSE
0,109	0,290	0,007	0,018	0,163	FALSE
0,029	0,263	0,000	0,011	0,007	FALSE
0,232	0,260	0,012	0,017	0,339	FALSE
-0,090	0,278	-0,004	0,014	0,099	FALSE
0,280	0,257	0,013	0,013	0,508	FALSE
-0,161	0,293	-0,005	0,012	0,179	FALSE
-0,047	0,280	-0,002	0,010	0,082	FALSE
0,069	0,289	0,005	0,013	0,136	FALSE
-0,057	0,285	-0,003	0,017	0,077	FALSE
-0,074	0,285	-0,004	0,017	0,092	FALSE
-0,103	0,282	-0,006	0,016	0,158	FALSE
-0,139	0,278	-0,008	0,016	0,208	FALSE
-0,164	0,301	-0,010	0,018	0,237	FALSE
-0,172	0,276	-0,010	0,016	0,265	FALSE
-0,147	0,292	-0,009	0,017	0,219	FALSE
0,258	0,276	0,013	0,015	0,434	FALSE
0,156	0,283	0,009	0,013	0,280	FALSE
-0,014	0,299	0,000	0,010	0,016	FALSE
-0,136	0,282	-0,007	0,015	0,185	FALSE
0,121	0,275	0,004	0,009	0,161	FALSE

0,028	0,277	0,002	0,008	0,085	FALSE
0,024	0,294	0,003	0,011	0,085	FALSE
0,111	0,254	0,004	0,010	0,144	FALSE
-0,165	0,261	-0,012	0,016	0,358	FALSE
-0,019	0,295	0,002	0,012	0,074	FALSE
-0,063	0,291	-0,001	0,009	0,023	FALSE
0,006	0,289	0,002	0,010	0,063	FALSE
0,030	0,272	-0,001	0,009	0,040	FALSE
0,116	0,275	0,004	0,012	0,140	FALSE
-0,009	0,288	-0,001	0,011	0,031	FALSE
-0,120	0,283	-0,006	0,012	0,192	FALSE
0,121	0,287	0,009	0,015	0,240	FALSE
-0,020	0,278	-0,003	0,016	0,064	FALSE
0,032	0,283	0,001	0,017	0,018	FALSE
0,013	0,285	0,002	0,017	0,047	FALSE
-0,040	0,283	-0,002	0,010	0,067	FALSE
0,082	0,283	0,001	0,012	0,019	FALSE
0,074	0,295	0,001	0,012	0,019	FALSE
-0,045	0,284	-0,002	0,012	0,068	FALSE
-0,013	0,299	0,000	0,010	0,012	FALSE
-0,004	0,285	-0,001	0,010	0,020	FALSE
0,037	0,275	0,001	0,015	0,028	FALSE
0,050	0,289	0,002	0,015	0,042	FALSE
0,112	0,287	0,003	0,012	0,096	FALSE
0,037	0,276	0,001	0,015	0,031	FALSE
0,019	0,285	0,000	0,016	0,001	FALSE
0,020	0,288	0,001	0,016	0,019	FALSE
0,049	0,279	0,001	0,010	0,038	FALSE
0,121	0,285	0,004	0,010	0,170	FALSE
-0,063	0,296	-0,002	0,010	0,076	FALSE
-0,059	0,283	-0,002	0,010	0,077	FALSE
-0,208	0,277	-0,012	0,017	0,313	FALSE
-0,043	0,286	-0,003	0,018	0,067	FALSE
-0,197	0,255	-0,009	0,013	0,317	FALSE
-0,014	0,298	0,000	0,010	0,004	FALSE
-0,071	0,282	-0,002	0,010	0,086	FALSE
0,040	0,291	0,002	0,018	0,047	FALSE
-0,025	0,267	0,001	0,015	0,024	FALSE
-0,021	0,289	0,000	0,015	0,005	FALSE
-0,033	0,283	-0,001	0,015	0,019	FALSE
-0,146	0,276	-0,003	0,012	0,092	FALSE
-0,004	0,284	-0,001	0,016	0,031	FALSE
-0,062	0,288	-0,001	0,012	0,040	FALSE
-0,194	0,281	-0,008	0,012	0,283	FALSE
-0,051	0,282	-0,002	0,012	0,059	FALSE
0,011	0,261	0,001	0,012	0,015	FALSE
-0,132	0,282	-0,004	0,015	0,097	FALSE
-0,147	0,270	-0,007	0,014	0,197	FALSE
0,038	0,296	0,002	0,009	0,062	FALSE
-0,107	0,284	-0,004	0,009	0,168	FALSE
-0,109	0,279	-0,003	0,018	0,070	FALSE
0,081	0,284	0,003	0,019	0,063	FALSE
-0,044	0,284	0,000	0,014	0,006	FALSE

-0,091	0,275	-0,004	0,011	0,131	FALSE
0,183	0,283	0,007	0,011	0,279	FALSE
0,114	0,290	0,008	0,014	0,233	FALSE
0,184	0,278	0,008	0,013	0,290	FALSE
0,005	0,289	0,001	0,013	0,019	FALSE
-0,080	0,281	-0,004	0,015	0,114	FALSE
-0,022	0,296	0,000	0,016	0,003	FALSE
-0,007	0,281	0,000	0,015	0,005	FALSE
-0,051	0,288	-0,004	0,018	0,081	FALSE
0,176	0,277	0,007	0,010	0,306	FALSE
0,020	0,287	0,001	0,013	0,017	FALSE
0,153	0,266	0,007	0,012	0,246	FALSE
-0,162	0,281	-0,005	0,010	0,195	FALSE
-0,154	0,275	-0,005	0,011	0,192	FALSE
0,054	0,259	0,003	0,015	0,090	FALSE
-0,041	0,277	0,000	0,009	0,008	FALSE
-0,024	0,291	-0,001	0,018	0,022	FALSE
0,214	0,269	0,005	0,009	0,261	FALSE
0,013	0,287	0,001	0,017	0,012	FALSE
0,016	0,294	0,001	0,018	0,014	FALSE
-0,142	0,280	-0,005	0,011	0,181	FALSE
-0,057	0,276	-0,003	0,018	0,068	FALSE
-0,062	0,278	-0,005	0,013	0,133	FALSE
0,008	0,271	0,000	0,012	0,011	FALSE
0,069	0,276	0,005	0,012	0,167	FALSE
-0,082	0,292	-0,003	0,009	0,124	FALSE
0,043	0,298	0,005	0,018	0,104	FALSE
-0,049	0,271	-0,002	0,014	0,045	FALSE
-0,041	0,274	-0,002	0,013	0,054	FALSE
-0,006	0,291	-0,001	0,013	0,016	FALSE
0,147	0,284	0,005	0,011	0,176	FALSE
0,209	0,287	0,011	0,016	0,295	FALSE
-0,217	0,264	-0,009	0,011	0,391	FALSE
0,136	0,285	0,008	0,017	0,201	FALSE
-0,096	0,291	-0,004	0,016	0,104	FALSE
0,049	0,295	0,001	0,011	0,024	FALSE
-0,090	0,300	-0,006	0,016	0,143	FALSE
-0,208	0,285	-0,006	0,009	0,282	FALSE
-0,030	0,278	0,000	0,010	0,001	FALSE
-0,039	0,272	-0,004	0,017	0,095	FALSE
-0,056	0,282	-0,002	0,013	0,047	FALSE
0,005	0,283	0,000	0,015	0,010	FALSE
-0,058	0,286	-0,003	0,015	0,072	FALSE
0,058	0,279	0,003	0,012	0,099	FALSE
0,049	0,278	0,005	0,016	0,114	FALSE
0,055	0,286	0,002	0,012	0,063	FALSE
-0,086	0,281	-0,003	0,012	0,101	FALSE
-0,211	0,291	-0,006	0,009	0,288	FALSE
-0,023	0,282	-0,001	0,010	0,020	FALSE
0,171	0,286	0,005	0,010	0,181	FALSE
-0,048	0,287	-0,001	0,016	0,020	FALSE
-0,044	0,299	-0,001	0,019	0,010	FALSE
-0,011	0,289	0,001	0,016	0,021	FALSE

0,117	0,286	0,004	0,011	0,157	FALSE
0,095	0,273	0,003	0,012	0,097	FALSE
0,040	0,297	0,002	0,014	0,064	FALSE
0,148	0,280	0,006	0,015	0,174	FALSE
0,149	0,279	0,007	0,015	0,177	FALSE
0,150	0,291	0,007	0,016	0,169	FALSE
-0,183	0,281	-0,006	0,010	0,248	FALSE
0,007	0,276	0,000	0,017	0,009	FALSE
0,127	0,283	0,003	0,009	0,108	FALSE
0,119	0,277	0,004	0,017	0,088	FALSE
0,149	0,285	0,003	0,008	0,161	FALSE
0,063	0,276	0,004	0,015	0,100	FALSE
-0,035	0,286	-0,005	0,014	0,132	FALSE
0,148	0,278	0,009	0,017	0,218	FALSE
-0,118	0,273	-0,004	0,010	0,170	FALSE
0,034	0,279	0,002	0,010	0,057	FALSE
0,088	0,282	0,005	0,012	0,162	FALSE
0,128	0,284	0,008	0,016	0,204	FALSE
0,225	0,284	0,008	0,013	0,289	FALSE
0,145	0,271	0,004	0,013	0,129	FALSE
-0,082	0,279	-0,002	0,011	0,076	FALSE
0,131	0,275	0,003	0,009	0,145	FALSE
0,029	0,296	-0,001	0,013	0,029	FALSE
0,120	0,280	0,004	0,010	0,147	FALSE
-0,107	0,282	-0,005	0,012	0,174	FALSE
0,086	0,277	0,003	0,017	0,068	FALSE
-0,153	0,285	-0,005	0,010	0,193	FALSE
0,024	0,280	0,001	0,009	0,036	FALSE
0,067	0,296	0,005	0,016	0,115	FALSE
0,061	0,298	0,004	0,016	0,101	FALSE
0,004	0,285	-0,001	0,012	0,026	FALSE
0,072	0,277	0,003	0,009	0,112	FALSE
-0,085	0,291	-0,003	0,011	0,092	FALSE
0,068	0,271	0,005	0,017	0,120	FALSE
0,024	0,276	0,001	0,011	0,023	FALSE
-0,152	0,276	-0,004	0,008	0,238	FALSE
-0,114	0,284	-0,007	0,016	0,183	FALSE
-0,006	0,274	0,000	0,011	0,009	FALSE
0,025	0,292	0,001	0,015	0,030	FALSE
0,156	0,274	0,005	0,009	0,253	FALSE
0,102	0,284	0,007	0,014	0,200	FALSE
-0,092	0,295	-0,005	0,014	0,144	FALSE
-0,003	0,278	0,000	0,012	0,008	FALSE
-0,156	0,284	-0,005	0,011	0,189	FALSE
0,067	0,270	0,003	0,016	0,082	FALSE
0,047	0,283	0,000	0,012	0,002	FALSE
0,084	0,278	0,003	0,016	0,060	FALSE
-0,110	0,269	-0,003	0,014	0,098	FALSE
0,062	0,289	0,003	0,016	0,069	FALSE
-0,014	0,285	-0,001	0,017	0,026	FALSE
-0,030	0,281	0,000	0,010	0,004	FALSE
0,043	0,281	0,002	0,017	0,040	FALSE
-0,073	0,277	-0,001	0,010	0,044	FALSE

-0,147	0,282	-0,006	0,011	0,212	FALSE
-0,133	0,285	-0,008	0,018	0,178	FALSE
-0,185	0,276	-0,010	0,017	0,263	FALSE
0,151	0,280	0,005	0,012	0,155	FALSE
-0,049	0,262	-0,002	0,014	0,061	FALSE
0,063	0,286	0,002	0,011	0,056	FALSE
0,047	0,280	0,002	0,014	0,057	FALSE
-0,140	0,281	-0,006	0,012	0,207	FALSE
-0,094	0,285	-0,003	0,015	0,081	FALSE
0,128	0,278	0,007	0,017	0,160	FALSE
-0,370	0,244	-0,025	0,018	0,804	FALSE
-0,022	0,273	-0,001	0,012	0,046	FALSE
-0,014	0,288	-0,001	0,010	0,018	FALSE
-0,079	0,287	-0,002	0,012	0,062	FALSE
-0,108	0,293	-0,003	0,017	0,065	FALSE
-0,066	0,276	-0,003	0,017	0,077	FALSE
-0,120	0,280	-0,006	0,013	0,207	FALSE
0,086	0,289	0,005	0,016	0,130	FALSE
-0,022	0,290	0,000	0,010	0,013	FALSE
-0,008	0,277	0,000	0,018	0,004	FALSE
-0,161	0,274	-0,005	0,012	0,182	FALSE
-0,070	0,271	-0,002	0,009	0,071	FALSE
0,007	0,281	-0,001	0,017	0,015	FALSE
-0,058	0,292	-0,001	0,011	0,030	FALSE
-0,023	0,283	-0,001	0,014	0,035	FALSE
-0,105	0,281	-0,004	0,014	0,118	FALSE
0,005	0,285	-0,001	0,017	0,022	FALSE
0,117	0,284	0,003	0,009	0,148	FALSE
0,046	0,288	0,002	0,011	0,060	FALSE
0,098	0,291	0,003	0,009	0,114	FALSE
0,194	0,266	0,009	0,010	0,409	FALSE
0,052	0,285	0,002	0,014	0,056	FALSE
0,028	0,291	0,001	0,012	0,029	FALSE
-0,081	0,289	-0,002	0,009	0,090	FALSE
0,145	0,284	0,005	0,009	0,208	FALSE
0,133	0,277	0,006	0,018	0,142	FALSE
0,075	0,275	0,000	0,011	0,001	FALSE
0,111	0,296	0,004	0,009	0,160	FALSE
0,124	0,271	0,007	0,018	0,163	FALSE
-0,051	0,285	-0,001	0,014	0,019	FALSE
0,078	0,281	0,005	0,015	0,145	FALSE
0,092	0,281	0,001	0,009	0,060	FALSE
-0,047	0,279	-0,003	0,011	0,100	FALSE
0,025	0,271	0,005	0,014	0,142	FALSE
-0,021	0,285	0,000	0,009	0,003	FALSE
0,135	0,289	0,005	0,009	0,207	FALSE
-0,245	0,249	-0,009	0,011	0,371	FALSE
0,203	0,278	0,007	0,011	0,260	FALSE
0,084	0,282	0,002	0,009	0,088	FALSE
-0,047	0,290	-0,002	0,016	0,039	FALSE
-0,037	0,291	-0,001	0,012	0,035	FALSE
0,043	0,295	0,000	0,013	0,003	FALSE
0,114	0,267	0,004	0,017	0,101	FALSE

0,086	0,266	0,005	0,016	0,113	FALSE
0,051	0,282	0,002	0,012	0,069	FALSE
0,108	0,275	0,005	0,015	0,119	FALSE
0,083	0,286	0,003	0,015	0,078	FALSE
-0,063	0,296	-0,001	0,011	0,019	FALSE
-0,064	0,273	-0,002	0,012	0,064	FALSE
0,027	0,283	0,000	0,009	0,003	FALSE
-0,005	0,263	0,000	0,013	0,004	FALSE
0,220	0,264	0,012	0,017	0,331	FALSE
0,087	0,272	0,003	0,009	0,137	FALSE
-0,040	0,286	-0,001	0,017	0,015	FALSE
-0,138	0,280	-0,003	0,010	0,104	FALSE
-0,114	0,294	-0,002	0,010	0,067	FALSE
-0,151	0,278	-0,003	0,010	0,126	FALSE
-0,119	0,283	-0,002	0,011	0,079	FALSE
-0,158	0,268	-0,004	0,010	0,143	FALSE
-0,005	0,282	-0,001	0,013	0,019	FALSE
0,042	0,283	0,002	0,011	0,056	FALSE
0,015	0,280	0,001	0,011	0,038	FALSE
0,233	0,271	0,011	0,016	0,319	FALSE
0,212	0,281	0,006	0,010	0,290	FALSE
-0,075	0,308	-0,005	0,016	0,112	FALSE
0,171	0,279	0,005	0,009	0,262	FALSE
-0,034	0,301	0,000	0,009	0,004	FALSE
-0,019	0,281	0,002	0,015	0,052	FALSE
0,081	0,289	0,002	0,011	0,076	FALSE
0,069	0,285	0,002	0,011	0,058	FALSE
-0,027	0,290	-0,001	0,016	0,028	FALSE
0,001	0,290	-0,001	0,011	0,043	FALSE
-0,115	0,285	-0,003	0,008	0,145	FALSE
0,029	0,277	0,000	0,008	0,005	FALSE
-0,186	0,273	-0,006	0,012	0,213	FALSE
-0,088	0,275	-0,001	0,012	0,016	FALSE
-0,114	0,271	-0,002	0,010	0,077	FALSE
-0,179	0,277	-0,004	0,008	0,204	FALSE
-0,119	0,281	-0,005	0,013	0,157	FALSE
-0,174	0,282	-0,004	0,009	0,216	FALSE
0,015	0,284	0,001	0,009	0,021	FALSE
-0,116	0,278	-0,004	0,015	0,107	FALSE
-0,161	0,284	-0,008	0,017	0,185	FALSE
-0,055	0,283	-0,002	0,012	0,067	FALSE
0,008	0,288	0,001	0,009	0,020	FALSE
0,159	0,275	0,007	0,015	0,201	FALSE
0,045	0,289	0,001	0,012	0,028	FALSE
0,046	0,281	0,000	0,008	0,009	FALSE
0,005	0,281	0,001	0,012	0,043	FALSE
0,013	0,283	0,002	0,013	0,060	FALSE
-0,022	0,280	0,000	0,013	0,002	FALSE
-0,105	0,282	-0,005	0,012	0,169	FALSE
-0,069	0,284	-0,006	0,016	0,148	FALSE
0,055	0,297	0,001	0,008	0,043	FALSE
-0,021	0,267	-0,001	0,016	0,031	FALSE
0,047	0,288	0,002	0,009	0,095	FALSE

-0,004	0,292	0,003	0,018	0,062	FALSE
-0,046	0,283	0,002	0,016	0,033	FALSE
-0,049	0,280	-0,001	0,014	0,017	FALSE
-0,031	0,266	-0,002	0,009	0,078	FALSE
0,000	0,280	0,002	0,013	0,061	FALSE
0,069	0,285	0,007	0,017	0,157	FALSE
0,028	0,276	0,001	0,013	0,021	FALSE
0,020	0,282	0,000	0,014	0,007	FALSE
-0,008	0,294	-0,002	0,014	0,039	FALSE
-0,001	0,280	-0,001	0,014	0,023	FALSE
-0,077	0,283	-0,004	0,013	0,116	FALSE
-0,065	0,290	-0,003	0,013	0,096	FALSE
-0,122	0,291	-0,006	0,014	0,171	FALSE
-0,039	0,278	-0,001	0,015	0,033	FALSE
-0,025	0,288	-0,001	0,009	0,022	FALSE
0,044	0,281	0,000	0,009	0,014	FALSE
0,043	0,276	0,003	0,010	0,121	FALSE
-0,055	0,282	-0,003	0,017	0,055	FALSE
-0,151	0,269	-0,009	0,016	0,226	FALSE
0,134	0,281	0,004	0,009	0,181	FALSE
-0,145	0,265	-0,006	0,012	0,203	FALSE
0,055	0,283	0,002	0,012	0,063	FALSE
0,063	0,286	0,001	0,018	0,012	FALSE
0,005	0,282	0,000	0,009	0,002	FALSE
0,081	0,274	0,004	0,018	0,083	FALSE
0,044	0,292	0,003	0,013	0,095	FALSE
0,012	0,287	0,002	0,012	0,070	FALSE
0,058	0,280	0,002	0,013	0,048	FALSE
-0,192	0,283	-0,010	0,016	0,287	FALSE
0,135	0,266	0,004	0,009	0,193	FALSE
0,009	0,298	-0,001	0,014	0,014	FALSE
-0,056	0,296	-0,001	0,009	0,055	FALSE
0,169	0,276	0,004	0,009	0,178	FALSE
0,003	0,280	0,000	0,014	0,012	FALSE
0,192	0,272	0,007	0,015	0,196	FALSE
0,154	0,277	0,006	0,010	0,250	FALSE
-0,006	0,296	0,001	0,013	0,039	FALSE
0,069	0,290	0,004	0,013	0,133	FALSE
0,071	0,282	0,003	0,011	0,089	FALSE
-0,026	0,299	0,000	0,009	0,004	FALSE
0,030	0,288	0,000	0,014	0,011	FALSE
-0,014	0,289	0,001	0,009	0,023	FALSE
-0,070	0,287	-0,004	0,017	0,092	FALSE
-0,245	0,285	-0,007	0,010	0,341	FALSE
-0,124	0,288	-0,005	0,011	0,168	FALSE
0,044	0,275	0,005	0,014	0,123	FALSE
-0,021	0,283	-0,001	0,009	0,058	FALSE
0,011	0,288	0,001	0,014	0,021	FALSE
-0,078	0,285	-0,005	0,018	0,103	FALSE
-0,065	0,285	-0,002	0,009	0,062	FALSE
0,269	0,264	0,007	0,009	0,355	FALSE
0,261	0,260	0,007	0,009	0,374	FALSE
0,201	0,273	0,006	0,009	0,289	FALSE

-0,150	0,288	-0,007	0,016	0,186	FALSE
0,104	0,271	0,004	0,011	0,132	FALSE
-0,062	0,279	-0,001	0,010	0,037	FALSE
-0,074	0,282	-0,004	0,017	0,077	FALSE
0,119	0,280	0,006	0,017	0,140	FALSE
0,069	0,293	0,002	0,014	0,042	FALSE
-0,161	0,266	-0,008	0,017	0,198	FALSE
0,225	0,269	0,011	0,016	0,302	FALSE
0,066	0,283	0,004	0,011	0,124	FALSE
-0,060	0,279	-0,004	0,014	0,116	FALSE
-0,070	0,300	-0,002	0,011	0,061	FALSE
-0,028	0,281	-0,001	0,014	0,033	FALSE
0,034	0,264	0,004	0,016	0,098	FALSE
0,158	0,291	0,005	0,010	0,226	FALSE
-0,002	0,283	0,002	0,012	0,046	FALSE
-0,031	0,279	-0,002	0,011	0,058	FALSE
-0,031	0,280	-0,001	0,017	0,011	FALSE
-0,150	0,275	-0,007	0,016	0,180	FALSE
-0,033	0,288	-0,001	0,009	0,040	FALSE
-0,091	0,279	-0,001	0,011	0,042	FALSE
-0,049	0,287	-0,004	0,017	0,080	FALSE
-0,103	0,274	-0,003	0,011	0,101	FALSE
-0,058	0,292	-0,001	0,012	0,041	FALSE
0,004	0,296	0,001	0,014	0,025	FALSE
0,144	0,281	0,006	0,014	0,192	FALSE
0,116	0,277	0,003	0,009	0,137	FALSE
-0,017	0,285	-0,002	0,017	0,038	FALSE
0,111	0,283	0,004	0,013	0,124	FALSE
0,108	0,273	0,004	0,012	0,118	FALSE
-0,134	0,281	-0,008	0,016	0,194	FALSE
-0,020	0,286	0,001	0,011	0,026	FALSE
0,071	0,265	0,000	0,015	0,008	FALSE
-0,117	0,294	-0,006	0,018	0,125	FALSE
-0,013	0,280	-0,004	0,015	0,096	FALSE
0,016	0,286	-0,003	0,015	0,082	FALSE
-0,031	0,269	-0,004	0,015	0,110	FALSE
0,112	0,289	0,006	0,018	0,127	FALSE
-0,139	0,293	-0,004	0,010	0,164	FALSE
-0,224	0,273	-0,015	0,017	0,418	FALSE
0,109	0,267	0,003	0,017	0,075	FALSE
-0,025	0,281	0,001	0,012	0,020	FALSE
-0,188	0,267	-0,012	0,017	0,334	FALSE
-0,249	0,279	-0,010	0,013	0,339	FALSE
0,119	0,265	0,003	0,009	0,131	FALSE
0,039	0,296	0,002	0,016	0,037	FALSE
0,255	0,272	0,007	0,009	0,340	FALSE
-0,022	0,287	0,001	0,015	0,012	FALSE
-0,055	0,286	-0,001	0,016	0,012	FALSE
0,001	0,274	-0,002	0,019	0,030	FALSE
0,049	0,278	0,002	0,012	0,062	FALSE
-0,052	0,275	-0,001	0,010	0,033	FALSE
-0,038	0,276	-0,001	0,011	0,031	FALSE
0,102	0,295	0,005	0,017	0,105	FALSE

-0,143	0,277	-0,006	0,013	0,201	FALSE
-0,120	0,284	-0,005	0,013	0,148	FALSE
-0,143	0,284	-0,006	0,013	0,200	FALSE
0,045	0,297	0,003	0,010	0,108	FALSE
-0,197	0,263	-0,009	0,013	0,331	FALSE
-0,118	0,269	-0,005	0,014	0,163	FALSE
0,047	0,300	0,002	0,018	0,034	FALSE
-0,326	0,275	-0,016	0,014	0,599	FALSE
0,046	0,283	0,001	0,012	0,038	FALSE
-0,239	0,279	-0,013	0,014	0,448	FALSE
0,126	0,290	0,004	0,014	0,125	FALSE
-0,148	0,293	-0,004	0,010	0,157	FALSE
-0,246	0,267	-0,009	0,010	0,438	FALSE
0,048	0,291	0,003	0,010	0,101	FALSE
0,011	0,285	0,001	0,009	0,051	FALSE
-0,009	0,285	0,002	0,013	0,046	FALSE
-0,109	0,278	-0,005	0,014	0,146	FALSE
0,200	0,270	0,006	0,011	0,267	FALSE
-0,058	0,285	-0,003	0,016	0,082	FALSE
-0,153	0,304	-0,004	0,011	0,158	FALSE
-0,225	0,274	-0,008	0,010	0,354	FALSE
0,091	0,302	0,003	0,009	0,117	FALSE
-0,193	0,274	-0,006	0,008	0,343	FALSE
0,192	0,272	0,013	0,016	0,395	FALSE
-0,015	0,271	0,000	0,010	0,002	FALSE
0,117	0,273	0,007	0,017	0,169	FALSE
-0,049	0,288	-0,002	0,009	0,074	FALSE
0,049	0,273	0,001	0,009	0,030	FALSE
0,029	0,270	0,002	0,015	0,057	FALSE
-0,043	0,282	-0,001	0,015	0,021	FALSE
-0,011	0,270	0,000	0,009	0,001	FALSE
0,147	0,282	0,005	0,011	0,196	FALSE
0,077	0,282	0,003	0,011	0,093	FALSE
-0,003	0,280	0,001	0,016	0,033	FALSE
-0,127	0,267	-0,009	0,013	0,295	FALSE
0,069	0,293	0,003	0,012	0,102	FALSE
-0,034	0,277	-0,003	0,016	0,058	FALSE
-0,144	0,296	-0,011	0,017	0,270	FALSE
-0,020	0,291	-0,001	0,013	0,015	FALSE
0,042	0,284	0,005	0,015	0,126	FALSE
0,025	0,273	-0,002	0,017	0,051	FALSE
-0,008	0,277	0,001	0,008	0,033	FALSE
-0,130	0,272	-0,003	0,009	0,137	FALSE
0,124	0,273	0,006	0,011	0,226	FALSE
0,114	0,270	0,005	0,014	0,144	FALSE
0,134	0,271	0,009	0,015	0,262	FALSE
-0,108	0,268	-0,007	0,016	0,185	FALSE
0,129	0,286	0,005	0,012	0,162	FALSE
0,087	0,263	0,003	0,016	0,065	FALSE
0,023	0,283	-0,001	0,015	0,028	FALSE
0,006	0,291	-0,002	0,016	0,038	FALSE
0,032	0,282	-0,001	0,017	0,011	FALSE
0,068	0,283	0,002	0,013	0,069	FALSE

0,041	0,283	0,002	0,013	0,059	FALSE
0,061	0,295	0,005	0,013	0,140	FALSE
0,008	0,288	0,003	0,011	0,092	FALSE
0,082	0,280	0,002	0,009	0,093	FALSE
0,071	0,276	0,003	0,009	0,108	FALSE
0,052	0,289	0,001	0,011	0,036	FALSE
-0,065	0,290	-0,002	0,012	0,067	FALSE
0,062	0,284	0,002	0,017	0,045	FALSE
-0,086	0,303	-0,002	0,011	0,065	FALSE
0,011	0,288	-0,001	0,017	0,013	FALSE
0,079	0,290	0,003	0,018	0,064	FALSE
0,079	0,303	0,003	0,013	0,096	FALSE
-0,012	0,282	-0,001	0,012	0,020	FALSE
0,084	0,289	0,002	0,011	0,082	FALSE
0,145	0,293	0,006	0,015	0,154	FALSE
-0,054	0,289	-0,001	0,013	0,029	FALSE
0,065	0,292	0,002	0,012	0,057	FALSE
0,022	0,279	0,000	0,012	0,012	FALSE
0,068	0,279	0,003	0,014	0,066	FALSE
-0,161	0,289	-0,004	0,011	0,157	FALSE
-0,128	0,284	-0,005	0,016	0,109	FALSE
-0,156	0,277	-0,004	0,010	0,144	FALSE
-0,037	0,283	-0,002	0,015	0,041	FALSE
0,074	0,283	0,004	0,015	0,110	FALSE
-0,012	0,281	-0,001	0,014	0,019	FALSE
-0,024	0,273	-0,001	0,014	0,038	FALSE
-0,019	0,286	0,000	0,015	0,011	FALSE
-0,162	0,264	-0,004	0,009	0,190	FALSE
-0,041	0,288	-0,001	0,014	0,023	FALSE
0,148	0,290	0,006	0,018	0,137	FALSE
0,098	0,272	0,003	0,016	0,067	FALSE
-0,032	0,295	0,000	0,009	0,003	FALSE
-0,077	0,289	-0,004	0,013	0,110	FALSE
0,135	0,278	0,004	0,009	0,176	FALSE
-0,118	0,271	-0,003	0,012	0,097	FALSE
0,048	0,281	0,005	0,016	0,132	FALSE
0,196	0,275	0,006	0,008	0,332	FALSE
-0,098	0,296	-0,003	0,013	0,107	FALSE
-0,084	0,293	-0,003	0,013	0,085	FALSE
-0,244	0,269	-0,015	0,017	0,395	FALSE
-0,153	0,284	-0,010	0,018	0,226	FALSE
0,015	0,260	0,002	0,017	0,041	FALSE
0,146	0,285	0,004	0,009	0,182	FALSE
-0,001	0,286	0,001	0,015	0,021	FALSE
-0,063	0,287	-0,003	0,011	0,094	FALSE
0,086	0,280	0,002	0,011	0,070	FALSE
0,001	0,273	-0,001	0,015	0,027	FALSE
-0,004	0,271	-0,001	0,012	0,022	FALSE
0,010	0,280	0,000	0,012	0,012	FALSE
-0,119	0,291	-0,004	0,016	0,096	FALSE
0,085	0,284	0,003	0,011	0,090	FALSE
-0,169	0,288	-0,005	0,009	0,221	FALSE
-0,100	0,290	-0,005	0,015	0,136	FALSE

-0,022	0,294	-0,002	0,014	0,055	FALSE
-0,117	0,284	-0,004	0,012	0,126	FALSE
0,111	0,277	0,008	0,016	0,213	FALSE
0,017	0,288	0,000	0,012	0,014	FALSE
0,029	0,296	0,001	0,014	0,034	FALSE
0,124	0,270	0,004	0,010	0,150	FALSE
0,147	0,275	0,006	0,016	0,167	FALSE
0,018	0,272	0,001	0,009	0,060	FALSE
0,046	0,282	0,001	0,010	0,042	FALSE
0,034	0,284	0,000	0,010	0,014	FALSE
0,015	0,284	-0,001	0,011	0,021	FALSE
0,068	0,283	0,004	0,015	0,105	FALSE
0,038	0,270	0,000	0,011	0,014	FALSE
-0,117	0,285	-0,003	0,015	0,071	FALSE
-0,155	0,278	-0,008	0,018	0,188	FALSE
-0,092	0,292	-0,003	0,017	0,056	FALSE
0,062	0,301	0,003	0,017	0,074	FALSE
0,001	0,297	0,000	0,015	0,011	FALSE
0,134	0,278	0,006	0,010	0,275	FALSE
-0,134	0,283	-0,009	0,017	0,239	FALSE
-0,222	0,275	-0,010	0,013	0,370	FALSE
-0,179	0,287	-0,007	0,014	0,217	FALSE
-0,071	0,280	0,000	0,014	0,012	FALSE
-0,054	0,282	-0,002	0,010	0,078	FALSE
0,035	0,296	0,002	0,010	0,073	FALSE
-0,217	0,258	-0,009	0,012	0,358	FALSE
-0,013	0,294	-0,003	0,017	0,072	FALSE
-0,093	0,271	-0,003	0,011	0,112	FALSE
0,038	0,300	0,000	0,011	0,006	FALSE
0,071	0,299	0,002	0,010	0,063	FALSE
0,012	0,273	0,004	0,014	0,110	FALSE
-0,069	0,282	-0,003	0,012	0,108	FALSE
-0,071	0,287	-0,001	0,015	0,023	FALSE
-0,073	0,291	-0,001	0,018	0,018	FALSE
-0,239	0,273	-0,009	0,011	0,351	FALSE
0,161	0,277	0,007	0,013	0,217	FALSE
-0,109	0,282	-0,005	0,016	0,125	FALSE
-0,150	0,289	-0,004	0,009	0,196	FALSE
-0,150	0,297	-0,004	0,009	0,186	FALSE
0,158	0,268	0,008	0,014	0,252	FALSE
0,062	0,269	0,003	0,012	0,101	FALSE
0,015	0,304	0,000	0,018	0,005	FALSE
-0,162	0,287	-0,007	0,017	0,153	FALSE
0,021	0,291	0,003	0,017	0,067	FALSE
0,005	0,289	0,002	0,017	0,040	FALSE
-0,021	0,277	0,000	0,010	0,014	FALSE
0,064	0,287	0,001	0,017	0,020	FALSE
-0,188	0,280	-0,009	0,016	0,242	FALSE
0,098	0,269	0,005	0,017	0,117	FALSE
-0,086	0,285	-0,002	0,010	0,095	FALSE
-0,139	0,287	-0,010	0,017	0,244	FALSE
0,066	0,283	0,002	0,014	0,065	FALSE
0,012	0,274	0,000	0,013	0,013	FALSE

-0,055	0,291	-0,001	0,009	0,059	FALSE
0,093	0,293	0,002	0,010	0,065	FALSE
0,044	0,292	0,003	0,015	0,079	FALSE
-0,007	0,295	-0,001	0,011	0,033	FALSE
-0,069	0,282	-0,003	0,011	0,112	FALSE
-0,043	0,276	-0,002	0,010	0,084	FALSE
-0,054	0,280	-0,003	0,010	0,099	FALSE
-0,050	0,292	-0,002	0,011	0,085	FALSE
-0,185	0,291	-0,009	0,012	0,328	FALSE
0,153	0,289	0,007	0,017	0,169	FALSE
0,129	0,275	0,006	0,018	0,134	FALSE
-0,154	0,261	-0,009	0,017	0,216	FALSE
-0,207	0,263	-0,011	0,018	0,274	FALSE
0,136	0,275	0,005	0,012	0,164	FALSE
0,018	0,279	0,002	0,017	0,032	FALSE
-0,005	0,299	-0,002	0,014	0,038	FALSE
0,101	0,286	0,004	0,009	0,204	FALSE
0,037	0,288	0,005	0,016	0,110	FALSE
-0,028	0,259	0,001	0,016	0,019	FALSE
-0,025	0,265	0,001	0,017	0,022	FALSE
-0,015	0,268	0,001	0,016	0,023	FALSE
-0,161	0,255	-0,004	0,009	0,176	FALSE
-0,017	0,266	0,000	0,015	0,006	FALSE
0,022	0,284	0,002	0,012	0,058	FALSE
-0,025	0,294	-0,002	0,018	0,031	FALSE
0,185	0,276	0,008	0,011	0,298	FALSE
-0,044	0,273	-0,002	0,017	0,050	FALSE
-0,132	0,284	-0,009	0,017	0,221	FALSE
0,018	0,285	0,001	0,017	0,022	FALSE
-0,151	0,259	-0,009	0,016	0,243	FALSE
0,049	0,268	0,003	0,010	0,117	FALSE
0,052	0,293	0,003	0,013	0,105	FALSE
-0,031	0,297	0,000	0,015	0,010	FALSE
-0,077	0,292	-0,002	0,014	0,049	FALSE
0,069	0,277	0,001	0,012	0,045	FALSE
-0,118	0,275	-0,003	0,010	0,120	FALSE
-0,038	0,279	0,000	0,012	0,014	FALSE
0,006	0,289	0,001	0,010	0,035	FALSE
-0,221	0,271	-0,011	0,015	0,363	FALSE
-0,044	0,282	0,000	0,013	0,004	FALSE
0,097	0,286	0,004	0,015	0,111	FALSE
0,155	0,268	0,005	0,012	0,176	FALSE
0,031	0,290	0,001	0,014	0,032	FALSE
-0,144	0,260	-0,007	0,017	0,163	FALSE
-0,001	0,280	0,000	0,018	0,004	FALSE
-0,174	0,283	-0,009	0,015	0,278	FALSE
0,031	0,290	0,002	0,013	0,060	FALSE
-0,026	0,284	0,000	0,008	0,007	FALSE
0,056	0,279	0,002	0,015	0,041	FALSE
0,093	0,285	0,004	0,015	0,092	FALSE
0,090	0,281	0,006	0,016	0,150	FALSE
-0,050	0,277	-0,001	0,012	0,039	FALSE
0,022	0,286	0,000	0,016	0,002	FALSE

-0,084	0,272	0,000	0,008	0,019	FALSE
-0,075	0,293	-0,001	0,009	0,022	FALSE
0,026	0,288	0,001	0,017	0,017	FALSE
0,126	0,281	0,004	0,009	0,187	FALSE
0,025	0,294	0,001	0,018	0,027	FALSE
-0,013	0,300	-0,001	0,018	0,025	FALSE
0,057	0,289	0,002	0,010	0,066	FALSE
-0,043	0,298	-0,001	0,009	0,047	FALSE
0,115	0,279	0,005	0,014	0,161	FALSE
0,109	0,273	0,002	0,010	0,085	FALSE
0,213	0,261	0,007	0,009	0,326	FALSE
-0,145	0,262	-0,006	0,010	0,227	FALSE
-0,058	0,285	-0,003	0,014	0,074	FALSE
-0,015	0,268	0,000	0,010	0,001	FALSE
0,203	0,270	0,012	0,016	0,340	FALSE
-0,102	0,281	-0,005	0,014	0,142	FALSE
-0,029	0,294	-0,003	0,017	0,072	FALSE
0,009	0,290	-0,001	0,012	0,018	FALSE
0,050	0,288	0,003	0,009	0,141	FALSE
0,134	0,280	0,005	0,013	0,179	FALSE
-0,011	0,277	0,000	0,009	0,005	FALSE
0,165	0,272	0,005	0,014	0,146	FALSE
-0,033	0,287	-0,001	0,010	0,049	FALSE
-0,064	0,298	-0,001	0,010	0,049	FALSE
0,178	0,272	0,006	0,013	0,199	FALSE
0,079	0,277	0,003	0,017	0,070	FALSE
0,031	0,297	0,000	0,015	0,011	FALSE
-0,119	0,284	-0,006	0,013	0,174	FALSE
0,105	0,284	0,006	0,016	0,149	FALSE
-0,084	0,290	-0,001	0,011	0,019	FALSE
0,010	0,288	0,002	0,008	0,072	FALSE
-0,033	0,302	0,000	0,010	0,013	FALSE
-0,212	0,267	-0,006	0,011	0,244	FALSE
0,131	0,272	0,005	0,016	0,117	FALSE
-0,007	0,285	0,000	0,009	0,010	FALSE
0,065	0,271	0,001	0,012	0,027	FALSE
0,067	0,289	0,004	0,008	0,186	FALSE
0,081	0,282	0,003	0,011	0,093	FALSE
-0,047	0,266	-0,002	0,014	0,044	FALSE
-0,149	0,284	-0,006	0,013	0,192	FALSE
0,061	0,288	0,001	0,010	0,055	FALSE
0,088	0,282	0,005	0,015	0,140	FALSE
0,012	0,282	0,003	0,010	0,096	FALSE
0,004	0,291	-0,001	0,016	0,024	FALSE
-0,010	0,280	0,000	0,017	0,002	FALSE
-0,014	0,286	0,000	0,012	0,000	FALSE
-0,056	0,287	-0,001	0,011	0,028	FALSE
0,033	0,281	0,002	0,011	0,072	FALSE
-0,011	0,279	0,002	0,017	0,046	FALSE
0,001	0,286	0,002	0,018	0,035	FALSE
0,101	0,282	0,004	0,013	0,125	FALSE
-0,172	0,286	-0,006	0,010	0,252	FALSE
-0,137	0,281	-0,005	0,012	0,183	FALSE

-0,051	0,286	-0,003	0,014	0,070	FALSE
-0,112	0,275	-0,007	0,016	0,192	FALSE
0,136	0,278	0,006	0,017	0,153	FALSE
-0,110	0,285	-0,005	0,012	0,169	FALSE
0,088	0,284	0,004	0,008	0,219	FALSE
0,031	0,286	0,001	0,012	0,035	FALSE
-0,052	0,298	-0,001	0,015	0,021	FALSE
-0,071	0,283	-0,001	0,010	0,034	FALSE
0,260	0,266	0,015	0,017	0,451	FALSE
-0,209	0,286	-0,008	0,011	0,322	FALSE
0,065	0,289	0,003	0,018	0,066	FALSE
0,181	0,254	0,013	0,016	0,373	FALSE
-0,020	0,252	-0,001	0,016	0,012	FALSE
-0,234	0,274	-0,012	0,016	0,355	FALSE
-0,177	0,289	-0,005	0,010	0,243	FALSE
-0,056	0,284	-0,005	0,016	0,124	FALSE
0,208	0,267	0,006	0,009	0,309	FALSE
0,038	0,286	0,001	0,012	0,016	FALSE
-0,124	0,293	-0,006	0,012	0,190	FALSE
-0,181	0,265	-0,007	0,012	0,255	FALSE
0,041	0,292	0,004	0,018	0,088	FALSE
-0,021	0,283	-0,001	0,011	0,040	FALSE
-0,166	0,276	-0,007	0,012	0,253	FALSE
0,272	0,256	0,015	0,017	0,401	FALSE
0,048	0,274	0,001	0,017	0,022	FALSE
-0,002	0,286	-0,002	0,016	0,051	FALSE
-0,091	0,291	-0,003	0,012	0,104	FALSE
-0,081	0,269	-0,002	0,008	0,073	FALSE
-0,026	0,284	0,000	0,011	0,009	FALSE
-0,050	0,284	-0,002	0,013	0,060	FALSE
0,094	0,272	0,008	0,017	0,189	FALSE
-0,060	0,283	-0,002	0,011	0,074	FALSE
-0,009	0,284	0,000	0,010	0,007	FALSE
0,144	0,275	0,010	0,016	0,285	FALSE
0,153	0,268	0,008	0,016	0,227	FALSE
-0,016	0,309	0,001	0,009	0,043	FALSE
0,149	0,268	0,008	0,017	0,213	FALSE
-0,057	0,276	-0,003	0,012	0,094	FALSE
-0,023	0,286	0,000	0,013	0,001	FALSE
0,057	0,281	0,000	0,013	0,002	FALSE
0,051	0,281	0,002	0,014	0,069	FALSE
0,119	0,266	0,004	0,011	0,160	FALSE
-0,041	0,283	-0,001	0,009	0,038	FALSE
-0,049	0,291	-0,002	0,018	0,037	FALSE
-0,090	0,293	-0,003	0,017	0,069	FALSE
0,038	0,276	0,002	0,014	0,048	FALSE
0,089	0,276	0,002	0,012	0,074	FALSE
0,231	0,270	0,006	0,008	0,307	FALSE
-0,084	0,277	-0,001	0,009	0,040	FALSE
-0,067	0,288	-0,003	0,011	0,129	FALSE
-0,051	0,283	-0,003	0,011	0,109	FALSE
0,014	0,295	0,001	0,012	0,046	FALSE
0,014	0,281	0,002	0,011	0,052	FALSE

-0,007	0,286	0,002	0,009	0,072	FALSE
0,070	0,291	0,003	0,015	0,075	FALSE
0,139	0,273	0,006	0,012	0,233	FALSE
0,002	0,290	0,001	0,012	0,037	FALSE
-0,007	0,272	0,000	0,016	0,009	FALSE
0,180	0,279	0,005	0,009	0,218	FALSE
-0,108	0,282	-0,003	0,011	0,108	FALSE
0,097	0,297	0,004	0,013	0,140	FALSE
0,211	0,295	0,012	0,016	0,345	FALSE
0,051	0,275	0,001	0,014	0,036	FALSE
0,005	0,275	0,001	0,009	0,047	FALSE
-0,007	0,283	0,001	0,010	0,050	FALSE
-0,150	0,288	-0,008	0,013	0,270	FALSE
0,140	0,264	0,005	0,009	0,223	FALSE
0,182	0,268	0,007	0,012	0,248	FALSE
0,146	0,290	0,008	0,017	0,191	FALSE
-0,114	0,272	-0,003	0,009	0,126	FALSE
-0,190	0,288	-0,009	0,015	0,250	FALSE
-0,144	0,285	-0,006	0,014	0,182	FALSE
-0,302	0,275	-0,018	0,017	0,544	FALSE
-0,152	0,285	-0,007	0,015	0,185	FALSE
0,281	0,250	0,009	0,011	0,400	FALSE
-0,053	0,266	-0,003	0,015	0,067	FALSE
0,145	0,292	0,005	0,014	0,154	FALSE
0,067	0,276	0,001	0,009	0,053	FALSE
-0,053	0,283	0,000	0,009	0,002	FALSE
0,214	0,289	0,006	0,009	0,327	FALSE
0,057	0,295	0,002	0,010	0,089	FALSE
-0,010	0,285	0,000	0,014	0,006	FALSE
-0,029	0,280	-0,001	0,014	0,020	FALSE
-0,145	0,270	-0,008	0,015	0,222	FALSE
-0,016	0,293	-0,002	0,017	0,035	FALSE
0,043	0,292	0,001	0,016	0,029	FALSE
-0,040	0,276	-0,003	0,015	0,076	FALSE
-0,063	0,260	-0,001	0,009	0,058	FALSE
-0,053	0,277	-0,002	0,013	0,054	FALSE
0,098	0,291	0,004	0,010	0,156	FALSE
0,096	0,287	0,009	0,017	0,225	FALSE
-0,192	0,280	-0,010	0,015	0,281	FALSE
0,015	0,282	0,000	0,017	0,007	FALSE
-0,051	0,278	-0,001	0,011	0,024	FALSE
0,023	0,292	0,000	0,018	0,005	FALSE
0,035	0,287	0,001	0,017	0,018	FALSE
0,057	0,303	0,002	0,010	0,092	FALSE
0,090	0,289	0,004	0,016	0,098	FALSE
-0,126	0,288	-0,004	0,009	0,163	FALSE
-0,075	0,310	-0,002	0,010	0,090	FALSE
0,023	0,271	0,000	0,009	0,011	FALSE
-0,053	0,297	-0,002	0,009	0,073	FALSE
-0,174	0,276	-0,007	0,013	0,217	FALSE
0,094	0,270	0,000	0,013	0,013	FALSE
0,174	0,264	0,008	0,010	0,353	FALSE
0,078	0,290	0,004	0,013	0,115	FALSE

0,132	0,270	0,008	0,014	0,225	FALSE
0,053	0,292	0,003	0,014	0,079	FALSE
-0,048	0,283	-0,003	0,010	0,116	FALSE
0,140	0,287	0,005	0,009	0,228	FALSE
0,088	0,288	0,002	0,016	0,058	FALSE
-0,054	0,296	-0,004	0,017	0,088	FALSE
-0,007	0,284	0,001	0,009	0,026	FALSE
0,109	0,294	0,002	0,016	0,058	FALSE
-0,130	0,274	-0,006	0,013	0,192	FALSE
0,072	0,287	0,004	0,017	0,082	FALSE
-0,192	0,280	-0,007	0,010	0,318	FALSE
-0,179	0,278	-0,006	0,010	0,264	FALSE
0,124	0,284	0,006	0,013	0,198	FALSE
0,108	0,286	0,003	0,010	0,133	FALSE
-0,004	0,265	-0,001	0,012	0,027	FALSE
-0,144	0,289	-0,009	0,016	0,230	FALSE
0,002	0,285	-0,001	0,011	0,031	FALSE
-0,136	0,293	-0,008	0,016	0,201	FALSE
-0,008	0,280	-0,001	0,013	0,031	FALSE
-0,141	0,284	-0,005	0,011	0,188	FALSE
0,012	0,282	0,000	0,011	0,009	FALSE
-0,022	0,268	-0,002	0,013	0,048	FALSE
0,003	0,288	0,000	0,009	0,001	FALSE
-0,004	0,273	-0,001	0,011	0,036	FALSE
0,074	0,283	0,001	0,008	0,055	FALSE
-0,046	0,291	-0,002	0,011	0,083	FALSE
-0,069	0,296	-0,003	0,011	0,115	FALSE
0,011	0,274	-0,001	0,010	0,027	FALSE
-0,055	0,279	-0,003	0,010	0,101	FALSE
-0,060	0,278	-0,003	0,010	0,096	FALSE
-0,012	0,286	0,000	0,012	0,008	FALSE
-0,063	0,268	-0,002	0,009	0,084	FALSE
-0,043	0,290	-0,002	0,009	0,065	FALSE
-0,161	0,286	-0,007	0,014	0,204	FALSE
0,073	0,275	0,002	0,014	0,059	FALSE
-0,065	0,277	-0,002	0,009	0,083	FALSE
0,082	0,287	0,006	0,015	0,147	FALSE
0,061	0,269	0,005	0,011	0,202	FALSE
0,063	0,281	0,005	0,012	0,172	FALSE
-0,030	0,285	-0,002	0,014	0,059	FALSE
0,057	0,285	0,003	0,009	0,147	FALSE
0,136	0,288	0,005	0,011	0,204	FALSE
0,039	0,268	0,003	0,012	0,103	FALSE
0,030	0,276	0,005	0,017	0,108	FALSE
-0,083	0,275	-0,008	0,015	0,220	FALSE
-0,267	0,277	-0,016	0,015	0,560	FALSE
0,096	0,275	0,007	0,014	0,213	TRUE
0,059	0,295	0,002	0,011	0,081	FALSE
0,051	0,286	0,002	0,012	0,074	FALSE
-0,123	0,296	-0,002	0,009	0,105	FALSE
0,044	0,292	0,004	0,017	0,095	FALSE
0,021	0,292	0,003	0,017	0,055	FALSE
-0,026	0,287	-0,002	0,012	0,054	FALSE

-0,128	0,278	-0,005	0,013	0,135	FALSE
0,009	0,273	0,000	0,011	0,005	FALSE
-0,054	0,285	-0,001	0,016	0,027	FALSE
0,116	0,287	0,005	0,011	0,176	FALSE
0,117	0,275	0,005	0,010	0,195	FALSE
0,007	0,267	0,002	0,017	0,052	FALSE
-0,099	0,285	-0,002	0,008	0,085	FALSE
-0,071	0,288	-0,003	0,010	0,132	FALSE
0,057	0,292	0,003	0,014	0,073	FALSE
0,206	0,264	0,008	0,017	0,196	FALSE
0,037	0,278	-0,001	0,015	0,025	FALSE
0,007	0,294	-0,001	0,011	0,035	FALSE
-0,115	0,285	-0,005	0,014	0,150	FALSE
-0,130	0,273	-0,009	0,016	0,247	FALSE
0,002	0,277	-0,001	0,011	0,046	FALSE
-0,162	0,275	-0,011	0,016	0,302	FALSE
-0,142	0,272	-0,010	0,016	0,267	FALSE
-0,133	0,287	-0,009	0,017	0,235	FALSE
-0,136	0,273	-0,010	0,016	0,259	FALSE
-0,037	0,292	-0,001	0,016	0,020	FALSE
0,054	0,298	0,004	0,013	0,126	FALSE
0,154	0,288	0,007	0,018	0,167	FALSE
0,008	0,278	0,002	0,015	0,048	FALSE
0,176	0,275	0,007	0,013	0,227	FALSE
-0,133	0,285	-0,005	0,016	0,130	FALSE
-0,049	0,291	-0,003	0,017	0,062	FALSE
-0,027	0,293	-0,003	0,014	0,079	FALSE
-0,232	0,286	-0,011	0,014	0,354	FALSE
-0,154	0,278	-0,007	0,014	0,221	FALSE
0,047	0,289	0,001	0,011	0,034	FALSE
0,101	0,286	0,004	0,010	0,158	FALSE
0,114	0,283	0,006	0,011	0,229	FALSE
0,182	0,278	0,007	0,009	0,345	FALSE
0,085	0,279	0,006	0,014	0,163	FALSE
-0,097	0,282	-0,002	0,010	0,080	FALSE
-0,019	0,289	-0,001	0,017	0,027	FALSE
0,025	0,279	0,000	0,017	0,003	FALSE
-0,031	0,287	0,000	0,012	0,010	FALSE
-0,089	0,276	-0,003	0,017	0,072	FALSE
-0,189	0,277	-0,010	0,018	0,233	FALSE
0,052	0,275	0,001	0,015	0,027	FALSE
-0,208	0,264	-0,007	0,011	0,258	FALSE
0,064	0,268	0,002	0,015	0,041	FALSE
-0,084	0,282	-0,006	0,016	0,167	FALSE
-0,265	0,269	-0,008	0,009	0,412	FALSE
-0,006	0,289	0,001	0,009	0,060	FALSE
0,011	0,297	0,002	0,009	0,061	FALSE
0,131	0,267	0,005	0,012	0,181	FALSE
0,005	0,287	-0,001	0,017	0,015	FALSE
0,073	0,287	0,005	0,018	0,121	FALSE
-0,076	0,273	-0,002	0,013	0,066	FALSE
0,102	0,275	0,006	0,017	0,141	FALSE
0,096	0,274	0,004	0,012	0,122	FALSE

0,022	0,278	-0,001	0,010	0,042	FALSE
-0,117	0,271	-0,003	0,011	0,112	FALSE
-0,204	0,270	-0,014	0,017	0,386	FALSE
0,025	0,282	0,004	0,015	0,094	FALSE
-0,220	0,284	-0,009	0,011	0,374	FALSE
-0,068	0,297	-0,005	0,018	0,106	FALSE
-0,028	0,298	-0,001	0,013	0,037	FALSE
-0,009	0,283	-0,001	0,009	0,030	FALSE
0,138	0,273	0,007	0,013	0,225	FALSE
-0,035	0,275	0,000	0,012	0,007	FALSE
-0,130	0,276	-0,003	0,017	0,070	FALSE
-0,011	0,279	-0,001	0,014	0,017	FALSE
0,087	0,287	0,004	0,009	0,186	FALSE
-0,039	0,297	-0,002	0,011	0,074	FALSE
-0,201	0,276	-0,011	0,017	0,279	FALSE
-0,184	0,273	-0,007	0,014	0,216	FALSE
-0,181	0,279	-0,006	0,014	0,181	FALSE
-0,073	0,291	-0,003	0,013	0,081	FALSE
0,088	0,277	0,004	0,015	0,114	FALSE
-0,136	0,287	-0,005	0,011	0,182	FALSE
-0,021	0,274	-0,001	0,013	0,018	FALSE
-0,049	0,293	-0,004	0,018	0,091	FALSE
-0,009	0,273	0,000	0,008	0,006	FALSE
-0,033	0,291	-0,001	0,009	0,035	FALSE
0,116	0,283	0,008	0,015	0,218	FALSE
-0,055	0,273	0,001	0,017	0,012	FALSE
0,156	0,283	0,005	0,011	0,182	FALSE
0,045	0,304	0,002	0,010	0,059	FALSE
-0,073	0,281	-0,004	0,013	0,110	FALSE
-0,207	0,288	-0,010	0,014	0,333	FALSE
0,045	0,271	0,001	0,013	0,015	FALSE
0,052	0,284	0,004	0,017	0,090	FALSE
0,004	0,274	-0,002	0,017	0,049	FALSE
0,033	0,303	0,004	0,018	0,074	FALSE
0,036	0,267	-0,001	0,016	0,024	FALSE
-0,141	0,287	-0,004	0,010	0,160	FALSE
0,114	0,271	0,007	0,017	0,162	FALSE
-0,182	0,287	-0,011	0,017	0,280	FALSE
0,170	0,276	0,005	0,009	0,252	FALSE
0,085	0,278	0,002	0,011	0,063	FALSE
0,055	0,295	-0,001	0,018	0,021	FALSE
-0,048	0,283	0,000	0,011	0,011	FALSE
-0,029	0,289	0,000	0,012	0,008	FALSE
-0,029	0,283	0,000	0,010	0,015	FALSE
0,031	0,284	0,002	0,017	0,052	FALSE
0,026	0,284	0,002	0,017	0,046	FALSE
-0,123	0,288	-0,003	0,009	0,126	FALSE
-0,110	0,285	-0,006	0,015	0,154	FALSE
-0,016	0,297	-0,003	0,018	0,054	FALSE
0,194	0,286	0,011	0,016	0,314	FALSE
-0,079	0,282	-0,004	0,011	0,135	FALSE
0,069	0,289	0,003	0,011	0,111	FALSE
0,026	0,298	0,001	0,009	0,049	FALSE

-0,103	0,280	-0,003	0,009	0,131	FALSE
-0,188	0,283	-0,006	0,010	0,252	FALSE
0,019	0,279	0,003	0,014	0,089	FALSE
0,024	0,289	0,000	0,012	0,000	FALSE
0,012	0,279	-0,001	0,010	0,024	FALSE
0,013	0,291	0,002	0,015	0,056	FALSE
0,099	0,294	0,004	0,014	0,100	FALSE
0,054	0,282	0,002	0,011	0,067	FALSE
0,031	0,290	0,001	0,009	0,044	FALSE
0,174	0,281	0,009	0,017	0,230	FALSE
0,011	0,275	-0,002	0,016	0,050	FALSE
-0,284	0,258	-0,009	0,010	0,451	FALSE
0,016	0,280	0,002	0,016	0,041	FALSE
0,055	0,289	0,003	0,013	0,091	FALSE
-0,139	0,270	-0,006	0,010	0,247	FALSE
-0,047	0,284	-0,002	0,012	0,047	FALSE
0,044	0,283	0,002	0,011	0,051	FALSE
0,167	0,295	0,006	0,011	0,256	FALSE
0,187	0,274	0,009	0,017	0,214	FALSE
0,107	0,278	0,005	0,010	0,204	FALSE
0,128	0,277	0,005	0,017	0,119	FALSE
-0,121	0,283	-0,008	0,017	0,194	FALSE
0,010	0,262	0,003	0,016	0,061	FALSE
0,080	0,298	0,005	0,015	0,140	FALSE
0,050	0,285	0,005	0,015	0,124	FALSE
0,086	0,276	0,002	0,009	0,097	FALSE
-0,256	0,268	-0,015	0,016	0,445	FALSE
0,022	0,289	0,001	0,014	0,030	FALSE
-0,118	0,270	-0,004	0,009	0,185	FALSE
0,065	0,273	0,001	0,017	0,016	FALSE
0,018	0,281	-0,002	0,014	0,047	FALSE
-0,025	0,287	-0,001	0,009	0,036	FALSE
-0,059	0,285	-0,003	0,008	0,121	FALSE
0,134	0,277	0,007	0,013	0,237	FALSE
0,121	0,273	0,008	0,015	0,218	FALSE
0,115	0,276	0,005	0,015	0,139	FALSE
0,113	0,274	0,005	0,016	0,124	FALSE
-0,047	0,276	-0,006	0,016	0,160	FALSE
0,069	0,280	-0,001	0,017	0,021	FALSE
-0,104	0,287	-0,005	0,013	0,175	FALSE
-0,128	0,276	-0,008	0,018	0,188	FALSE
-0,001	0,279	0,001	0,011	0,048	FALSE
-0,132	0,280	-0,010	0,017	0,259	FALSE
-0,132	0,283	-0,010	0,017	0,244	FALSE
-0,019	0,266	-0,001	0,014	0,017	FALSE
0,022	0,286	-0,001	0,013	0,019	FALSE
-0,121	0,288	-0,007	0,016	0,184	FALSE
-0,069	0,302	-0,001	0,012	0,045	FALSE
0,162	0,277	0,007	0,011	0,295	FALSE
0,057	0,278	0,003	0,015	0,072	FALSE
0,101	0,281	0,003	0,010	0,105	FALSE
-0,018	0,288	-0,002	0,017	0,045	FALSE
-0,070	0,273	-0,003	0,012	0,088	FALSE

0,071	0,292	0,003	0,013	0,079	FALSE
0,015	0,274	0,000	0,017	0,008	FALSE
-0,012	0,296	0,001	0,016	0,011	FALSE
0,195	0,268	0,010	0,013	0,349	FALSE
0,077	0,273	0,003	0,009	0,129	FALSE
0,109	0,278	0,005	0,013	0,164	FALSE
0,055	0,272	0,003	0,011	0,086	FALSE
-0,201	0,279	-0,009	0,014	0,303	FALSE
0,275	0,270	0,016	0,016	0,486	FALSE
-0,086	0,277	-0,003	0,009	0,143	FALSE
0,051	0,300	0,003	0,016	0,081	FALSE
-0,260	0,279	-0,014	0,018	0,371	FALSE
0,105	0,287	0,006	0,012	0,209	FALSE
-0,046	0,286	-0,001	0,008	0,025	FALSE
0,093	0,277	0,002	0,016	0,048	FALSE
-0,006	0,283	-0,001	0,016	0,013	FALSE
0,063	0,283	0,003	0,015	0,066	FALSE
-0,108	0,293	-0,004	0,009	0,168	FALSE
0,012	0,286	0,002	0,009	0,068	FALSE
0,149	0,283	0,007	0,013	0,237	FALSE
-0,031	0,285	-0,001	0,008	0,024	FALSE
-0,078	0,283	-0,003	0,009	0,116	FALSE
0,051	0,274	0,000	0,009	0,002	FALSE
-0,136	0,277	-0,004	0,013	0,127	FALSE
0,099	0,251	0,004	0,016	0,091	FALSE
-0,053	0,285	-0,002	0,008	0,093	FALSE
-0,004	0,282	-0,002	0,011	0,071	FALSE
0,084	0,298	0,005	0,016	0,116	FALSE
-0,023	0,281	-0,002	0,016	0,043	FALSE
0,066	0,290	0,002	0,010	0,058	FALSE
-0,109	0,284	-0,006	0,016	0,133	FALSE
-0,084	0,288	-0,006	0,014	0,165	FALSE
0,141	0,291	0,009	0,017	0,211	FALSE
0,047	0,289	0,003	0,010	0,131	FALSE
-0,010	0,285	-0,001	0,012	0,044	FALSE
0,107	0,280	0,007	0,014	0,201	FALSE
0,089	0,287	0,006	0,014	0,178	FALSE
0,062	0,268	0,000	0,009	0,012	FALSE
-0,085	0,300	-0,001	0,009	0,053	FALSE
0,047	0,295	0,002	0,011	0,076	FALSE
0,004	0,297	0,000	0,018	0,001	FALSE
0,037	0,292	0,004	0,015	0,091	FALSE
0,041	0,293	0,002	0,015	0,048	FALSE
0,051	0,286	0,002	0,015	0,040	FALSE
0,045	0,288	0,002	0,014	0,040	FALSE
-0,080	0,275	-0,005	0,012	0,148	FALSE
-0,034	0,282	0,001	0,009	0,032	FALSE
0,112	0,283	0,007	0,013	0,208	FALSE
-0,057	0,303	-0,001	0,010	0,021	FALSE
0,150	0,275	0,011	0,017	0,298	FALSE
0,105	0,288	0,007	0,018	0,162	FALSE
0,032	0,282	0,003	0,018	0,052	FALSE
-0,097	0,287	-0,003	0,012	0,095	FALSE

0,146	0,279	0,011	0,017	0,283	FALSE
0,147	0,284	0,011	0,017	0,278	FALSE
-0,109	0,269	-0,006	0,012	0,205	FALSE
0,119	0,288	0,005	0,017	0,127	FALSE
-0,085	0,268	-0,002	0,008	0,108	FALSE
-0,163	0,283	-0,004	0,010	0,162	FALSE
-0,041	0,266	-0,005	0,013	0,149	FALSE
0,012	0,281	-0,001	0,017	0,014	FALSE
0,018	0,283	0,001	0,017	0,013	FALSE
0,050	0,286	0,002	0,011	0,062	FALSE
-0,009	0,288	0,001	0,009	0,028	FALSE
-0,003	0,282	0,001	0,009	0,038	FALSE
0,054	0,260	0,001	0,016	0,017	FALSE
-0,175	0,294	-0,009	0,015	0,252	FALSE
0,020	0,281	0,000	0,010	0,008	FALSE
0,045	0,279	0,004	0,016	0,099	FALSE
0,002	0,278	-0,001	0,017	0,016	FALSE
-0,007	0,275	0,000	0,016	0,004	FALSE
0,125	0,277	0,004	0,011	0,125	FALSE
0,137	0,282	0,005	0,013	0,151	FALSE
-0,094	0,287	-0,002	0,010	0,066	FALSE
-0,075	0,270	-0,002	0,013	0,046	FALSE
0,176	0,275	0,008	0,016	0,216	FALSE
0,000	0,271	-0,001	0,013	0,024	FALSE
-0,038	0,294	-0,002	0,011	0,077	FALSE
-0,051	0,284	-0,006	0,017	0,139	FALSE
-0,090	0,290	-0,008	0,017	0,206	FALSE
0,003	0,269	-0,001	0,009	0,030	FALSE
-0,093	0,268	-0,009	0,015	0,246	FALSE
-0,047	0,288	-0,001	0,011	0,018	FALSE
-0,049	0,288	-0,005	0,016	0,114	FALSE
0,045	0,296	0,001	0,009	0,026	FALSE
-0,107	0,279	-0,008	0,017	0,186	FALSE
0,035	0,295	0,003	0,011	0,093	FALSE
0,215	0,279	0,015	0,017	0,424	FALSE
0,224	0,276	0,015	0,017	0,431	FALSE
-0,257	0,274	-0,009	0,012	0,337	FALSE
-0,111	0,258	-0,006	0,012	0,195	FALSE
0,166	0,270	0,007	0,013	0,225	FALSE
0,150	0,254	0,007	0,013	0,205	FALSE
-0,091	0,280	-0,003	0,011	0,099	FALSE
-0,258	0,268	-0,013	0,017	0,358	FALSE
-0,259	0,254	-0,014	0,017	0,400	FALSE
0,331	0,254	0,012	0,012	0,494	FALSE
-0,111	0,294	-0,003	0,013	0,070	FALSE
-0,080	0,287	-0,001	0,013	0,041	FALSE
0,084	0,277	0,003	0,009	0,109	FALSE
0,021	0,293	0,001	0,017	0,028	FALSE
-0,001	0,299	0,000	0,017	0,007	FALSE
-0,056	0,296	-0,002	0,012	0,052	FALSE
-0,041	0,281	0,000	0,011	0,013	FALSE
0,074	0,298	0,004	0,018	0,075	FALSE
0,032	0,282	0,001	0,013	0,029	FALSE

-0,088	0,281	-0,004	0,012	0,150	FALSE
0,116	0,250	0,002	0,009	0,083	FALSE
-0,252	0,276	-0,011	0,012	0,426	FALSE
-0,296	0,276	-0,010	0,011	0,466	FALSE
0,213	0,273	0,012	0,016	0,341	FALSE
0,031	0,281	0,002	0,011	0,056	FALSE
0,138	0,266	0,004	0,009	0,157	FALSE
0,069	0,280	0,001	0,008	0,063	FALSE
-0,003	0,272	0,000	0,011	0,010	FALSE
0,018	0,288	0,002	0,011	0,052	FALSE
0,084	0,274	0,004	0,014	0,111	FALSE
-0,001	0,286	0,001	0,012	0,029	FALSE
-0,007	0,292	-0,001	0,012	0,029	FALSE
-0,110	0,289	-0,007	0,015	0,196	FALSE
0,064	0,286	0,004	0,016	0,096	FALSE
-0,175	0,276	-0,007	0,011	0,300	FALSE
-0,134	0,282	-0,006	0,018	0,123	FALSE
0,041	0,281	0,005	0,015	0,120	FALSE
0,055	0,284	0,005	0,017	0,108	FALSE
-0,051	0,276	-0,002	0,012	0,073	FALSE
0,137	0,286	0,005	0,014	0,143	FALSE
0,107	0,290	0,006	0,015	0,147	FALSE
0,144	0,280	0,008	0,016	0,200	FALSE
0,160	0,284	0,008	0,017	0,203	FALSE
-0,143	0,279	-0,007	0,016	0,177	FALSE
0,100	0,266	0,002	0,013	0,058	FALSE
-0,018	0,265	0,000	0,013	0,002	FALSE
-0,025	0,301	-0,001	0,009	0,047	FALSE
-0,036	0,290	-0,004	0,017	0,086	FALSE
-0,065	0,297	0,000	0,011	0,010	FALSE
-0,012	0,299	0,000	0,013	0,009	FALSE
0,166	0,276	0,006	0,017	0,141	FALSE
0,188	0,266	0,010	0,014	0,297	FALSE
-0,017	0,281	0,002	0,011	0,058	FALSE
0,034	0,283	0,003	0,013	0,081	FALSE
0,066	0,291	0,001	0,010	0,049	FALSE
-0,071	0,289	-0,004	0,017	0,080	FALSE
0,029	0,279	-0,001	0,015	0,020	FALSE
0,024	0,284	0,001	0,009	0,034	FALSE
-0,176	0,278	-0,006	0,011	0,231	FALSE
-0,236	0,270	-0,007	0,009	0,391	FALSE
0,065	0,282	0,001	0,009	0,052	FALSE
0,007	0,301	0,000	0,017	0,008	FALSE
0,080	0,298	0,005	0,016	0,110	FALSE
0,070	0,289	0,001	0,009	0,060	FALSE
0,165	0,274	0,003	0,009	0,141	FALSE
-0,106	0,282	-0,002	0,009	0,078	FALSE
0,151	0,266	0,007	0,016	0,192	FALSE
0,030	0,271	0,000	0,009	0,017	FALSE
-0,004	0,301	0,000	0,016	0,006	FALSE
-0,077	0,269	-0,003	0,010	0,102	FALSE
0,050	0,286	0,004	0,018	0,090	FALSE
0,229	0,278	0,009	0,012	0,356	FALSE

0,041	0,281	-0,001	0,018	0,024	FALSE
-0,104	0,287	-0,003	0,010	0,096	FALSE
0,165	0,270	0,011	0,015	0,362	FALSE
0,068	0,288	0,001	0,013	0,036	FALSE
0,028	0,273	-0,001	0,013	0,032	FALSE
0,085	0,296	0,004	0,010	0,156	FALSE
0,105	0,286	0,005	0,017	0,103	FALSE
0,001	0,293	0,001	0,015	0,025	FALSE
-0,100	0,292	-0,004	0,015	0,106	FALSE
-0,005	0,281	0,000	0,017	0,009	FALSE
-0,129	0,288	-0,007	0,018	0,170	FALSE
-0,179	0,277	-0,008	0,014	0,223	FALSE
-0,079	0,275	-0,002	0,010	0,073	FALSE
-0,222	0,278	-0,013	0,017	0,337	FALSE
-0,264	0,266	-0,015	0,017	0,405	FALSE
-0,135	0,276	-0,005	0,014	0,152	FALSE
-0,170	0,272	-0,007	0,014	0,227	FALSE
0,077	0,273	0,003	0,013	0,105	FALSE
0,006	0,283	0,001	0,009	0,047	FALSE
0,132	0,280	0,005	0,013	0,163	FALSE
-0,013	0,283	0,000	0,008	0,008	FALSE
0,095	0,282	0,004	0,016	0,105	FALSE
0,086	0,288	0,004	0,017	0,085	FALSE
0,010	0,298	0,000	0,013	0,011	FALSE
-0,028	0,294	-0,001	0,011	0,042	FALSE
0,112	0,283	0,005	0,012	0,178	FALSE
-0,116	0,284	-0,007	0,017	0,163	FALSE
0,164	0,259	0,005	0,009	0,275	FALSE
0,019	0,288	-0,001	0,014	0,036	FALSE
-0,079	0,286	-0,002	0,008	0,084	FALSE
0,102	0,277	0,005	0,013	0,172	FALSE
0,064	0,289	0,003	0,017	0,057	FALSE
0,032	0,285	0,001	0,010	0,038	FALSE
0,051	0,288	0,004	0,015	0,114	FALSE
-0,087	0,285	-0,003	0,013	0,092	FALSE
0,288	0,260	0,006	0,008	0,386	FALSE
0,140	0,284	0,008	0,013	0,256	FALSE
0,054	0,274	0,004	0,018	0,077	FALSE
0,054	0,272	0,002	0,009	0,064	FALSE
-0,185	0,291	-0,008	0,013	0,243	FALSE
-0,208	0,283	-0,008	0,013	0,289	FALSE
-0,236	0,281	-0,007	0,011	0,304	FALSE
-0,232	0,283	-0,007	0,010	0,290	FALSE
-0,186	0,290	-0,007	0,013	0,232	FALSE
0,058	0,282	0,002	0,011	0,056	FALSE
0,014	0,279	0,001	0,009	0,028	FALSE
-0,098	0,287	-0,002	0,009	0,081	FALSE
0,064	0,281	0,006	0,017	0,150	FALSE
0,032	0,277	-0,001	0,008	0,047	FALSE
-0,109	0,272	-0,004	0,015	0,114	FALSE
-0,101	0,266	-0,005	0,011	0,197	FALSE
-0,076	0,272	-0,005	0,013	0,136	FALSE
-0,010	0,290	0,000	0,011	0,015	FALSE

0,028	0,289	0,002	0,012	0,067	FALSE
-0,064	0,283	-0,002	0,012	0,052	FALSE
-0,169	0,290	-0,004	0,010	0,182	FALSE
0,078	0,284	0,003	0,013	0,079	FALSE
-0,221	0,287	-0,008	0,012	0,295	FALSE
0,020	0,269	0,001	0,009	0,046	FALSE
-0,040	0,289	-0,003	0,015	0,063	FALSE
-0,137	0,281	-0,005	0,013	0,160	FALSE
0,024	0,291	-0,001	0,012	0,015	FALSE
-0,077	0,281	-0,002	0,010	0,086	FALSE
0,113	0,282	0,003	0,014	0,094	FALSE
-0,014	0,284	0,000	0,012	0,011	FALSE
0,008	0,279	0,001	0,012	0,036	FALSE
0,012	0,300	0,001	0,015	0,023	FALSE
0,008	0,284	0,001	0,011	0,022	FALSE
-0,083	0,282	-0,003	0,012	0,099	FALSE
0,125	0,270	0,004	0,016	0,106	FALSE
0,075	0,275	0,002	0,012	0,055	FALSE
0,022	0,281	0,000	0,014	0,000	FALSE
-0,027	0,297	-0,001	0,010	0,047	FALSE
0,035	0,296	0,001	0,014	0,020	FALSE
0,029	0,279	0,001	0,014	0,022	FALSE
0,006	0,289	0,000	0,010	0,005	FALSE
0,066	0,292	0,003	0,014	0,070	FALSE
0,005	0,274	-0,001	0,011	0,035	FALSE
0,005	0,284	-0,002	0,011	0,058	FALSE
0,050	0,277	0,000	0,009	0,011	FALSE
0,003	0,285	0,000	0,009	0,008	FALSE
-0,206	0,278	-0,005	0,009	0,263	FALSE
0,001	0,282	0,001	0,011	0,024	FALSE
-0,074	0,290	-0,003	0,011	0,089	FALSE
0,026	0,278	0,002	0,011	0,060	FALSE
-0,029	0,272	-0,002	0,009	0,091	FALSE
0,004	0,280	0,000	0,009	0,014	FALSE
-0,145	0,285	-0,005	0,012	0,169	FALSE
0,185	0,279	0,004	0,009	0,188	FALSE
-0,040	0,288	-0,003	0,017	0,062	FALSE
-0,012	0,287	-0,002	0,017	0,043	FALSE
0,035	0,282	0,001	0,013	0,020	FALSE
0,106	0,276	0,003	0,012	0,096	FALSE
0,155	0,282	0,006	0,013	0,194	FALSE
-0,088	0,282	-0,003	0,010	0,118	FALSE
-0,029	0,290	0,000	0,010	0,006	FALSE
-0,082	0,281	-0,003	0,010	0,126	FALSE
0,025	0,282	0,002	0,014	0,061	FALSE
-0,063	0,291	-0,002	0,011	0,075	FALSE
0,095	0,276	0,003	0,012	0,082	FALSE
-0,213	0,287	-0,009	0,013	0,292	FALSE
0,091	0,285	0,003	0,011	0,086	FALSE
0,105	0,290	0,003	0,011	0,124	FALSE
-0,050	0,288	-0,005	0,015	0,135	FALSE
-0,033	0,295	-0,002	0,010	0,088	FALSE
0,012	0,269	0,001	0,016	0,030	FALSE

-0,032	0,296	-0,001	0,010	0,022	FALSE
0,043	0,302	0,002	0,018	0,030	FALSE
0,177	0,269	0,010	0,017	0,278	FALSE
0,033	0,297	0,001	0,009	0,046	FALSE
0,159	0,284	0,005	0,010	0,201	FALSE
0,138	0,284	0,003	0,009	0,126	FALSE
-0,079	0,283	-0,002	0,010	0,062	FALSE
-0,082	0,277	-0,003	0,009	0,117	FALSE
-0,026	0,285	0,001	0,017	0,023	FALSE
0,138	0,274	0,005	0,011	0,167	FALSE
-0,147	0,269	-0,007	0,015	0,200	FALSE
-0,150	0,292	-0,003	0,010	0,132	FALSE
0,220	0,279	0,007	0,012	0,282	FALSE
-0,084	0,289	-0,004	0,017	0,085	FALSE
0,136	0,285	0,003	0,009	0,137	FALSE
0,006	0,288	0,000	0,012	0,003	FALSE
0,142	0,272	0,004	0,012	0,140	FALSE
0,158	0,268	0,005	0,012	0,174	FALSE
-0,152	0,293	-0,003	0,008	0,160	FALSE
-0,107	0,281	-0,003	0,010	0,107	FALSE
-0,122	0,276	-0,005	0,014	0,130	FALSE
0,043	0,290	0,002	0,013	0,070	FALSE
0,015	0,277	0,001	0,010	0,047	FALSE
-0,015	0,281	-0,002	0,013	0,061	FALSE
-0,159	0,284	-0,005	0,011	0,170	FALSE
0,067	0,281	0,000	0,011	0,007	FALSE
-0,177	0,277	-0,009	0,013	0,301	FALSE
-0,087	0,274	-0,005	0,018	0,120	FALSE
0,149	0,266	0,006	0,010	0,254	FALSE
0,134	0,290	0,004	0,009	0,196	FALSE
-0,007	0,269	0,000	0,008	0,002	FALSE
-0,027	0,271	-0,003	0,017	0,061	FALSE
-0,047	0,270	-0,003	0,017	0,070	FALSE
-0,178	0,265	-0,006	0,010	0,268	FALSE
-0,057	0,267	-0,003	0,017	0,058	FALSE
-0,056	0,304	-0,001	0,012	0,033	FALSE
-0,018	0,283	-0,002	0,013	0,063	FALSE
-0,084	0,295	-0,005	0,018	0,104	FALSE
0,071	0,268	0,002	0,016	0,056	FALSE
-0,168	0,284	-0,005	0,009	0,243	FALSE
0,010	0,289	-0,001	0,011	0,022	FALSE
0,122	0,281	0,003	0,009	0,114	FALSE
0,071	0,285	0,003	0,012	0,092	FALSE
-0,046	0,293	-0,001	0,013	0,016	FALSE
0,043	0,302	0,001	0,010	0,030	FALSE
-0,028	0,300	-0,002	0,011	0,052	FALSE
-0,106	0,275	-0,005	0,014	0,131	FALSE
0,078	0,279	0,002	0,009	0,074	FALSE
0,234	0,283	0,011	0,018	0,259	FALSE
0,005	0,293	0,000	0,012	0,003	FALSE
-0,056	0,279	-0,001	0,011	0,027	FALSE
-0,045	0,287	0,000	0,011	0,012	FALSE
0,160	0,275	0,005	0,011	0,192	FALSE

-0,206	0,283	-0,007	0,014	0,219	FALSE
-0,006	0,290	0,000	0,013	0,002	FALSE
-0,039	0,294	-0,001	0,011	0,017	FALSE
-0,092	0,273	-0,004	0,016	0,084	FALSE
0,033	0,277	-0,002	0,017	0,046	FALSE
0,013	0,287	0,002	0,009	0,078	FALSE
-0,097	0,285	-0,003	0,009	0,120	FALSE
-0,048	0,280	-0,001	0,009	0,036	FALSE
0,090	0,279	0,002	0,009	0,073	FALSE
-0,025	0,285	-0,001	0,017	0,027	FALSE
0,020	0,280	0,000	0,010	0,013	FALSE
-0,121	0,286	-0,004	0,012	0,131	FALSE
-0,086	0,273	-0,002	0,014	0,058	FALSE
0,001	0,296	-0,001	0,015	0,021	FALSE
-0,156	0,280	-0,007	0,011	0,255	FALSE
-0,144	0,278	-0,006	0,012	0,227	FALSE
-0,044	0,300	-0,001	0,009	0,027	FALSE
-0,020	0,291	0,000	0,009	0,013	FALSE
0,185	0,283	0,006	0,013	0,200	FALSE
0,150	0,277	0,004	0,010	0,143	FALSE
0,208	0,261	0,007	0,011	0,256	FALSE
-0,012	0,282	0,000	0,010	0,011	FALSE
-0,050	0,278	0,000	0,017	0,009	FALSE
0,229	0,262	0,007	0,012	0,263	FALSE
-0,012	0,285	0,001	0,011	0,043	FALSE
-0,032	0,274	0,000	0,012	0,012	FALSE
-0,076	0,301	-0,005	0,015	0,128	FALSE
0,014	0,271	0,000	0,009	0,013	FALSE
-0,054	0,283	-0,001	0,012	0,024	FALSE
0,197	0,278	0,007	0,012	0,285	FALSE
0,049	0,293	0,001	0,013	0,033	FALSE
-0,145	0,284	-0,009	0,017	0,216	FALSE
-0,082	0,268	-0,002	0,014	0,042	FALSE
-0,003	0,278	0,003	0,013	0,085	FALSE
0,067	0,287	0,005	0,017	0,107	FALSE
-0,040	0,291	-0,004	0,015	0,093	FALSE
-0,264	0,268	-0,013	0,014	0,478	FALSE
0,087	0,282	0,003	0,015	0,071	FALSE
0,113	0,279	0,005	0,015	0,122	FALSE
0,020	0,284	0,000	0,009	0,000	FALSE
-0,126	0,296	-0,008	0,017	0,188	FALSE
-0,127	0,285	-0,009	0,017	0,230	FALSE
0,146	0,288	0,010	0,017	0,234	FALSE
-0,227	0,270	-0,008	0,011	0,365	FALSE
0,006	0,278	0,001	0,009	0,058	FALSE
-0,020	0,295	-0,004	0,017	0,089	FALSE
-0,003	0,282	-0,002	0,016	0,058	FALSE
0,156	0,292	0,009	0,017	0,225	FALSE
-0,108	0,275	-0,007	0,013	0,231	FALSE
0,006	0,294	0,000	0,009	0,004	FALSE
-0,063	0,290	0,000	0,012	0,012	FALSE
0,167	0,272	0,006	0,009	0,286	FALSE
0,010	0,281	0,001	0,017	0,015	FALSE

-0,095	0,289	-0,006	0,017	0,136	FALSE
0,021	0,304	0,001	0,017	0,023	FALSE
-0,015	0,290	-0,001	0,017	0,013	FALSE
0,157	0,261	0,008	0,013	0,282	FALSE
-0,111	0,286	-0,004	0,012	0,156	FALSE
-0,115	0,282	-0,004	0,010	0,155	FALSE
-0,079	0,278	-0,003	0,010	0,110	FALSE
-0,082	0,278	-0,003	0,010	0,107	FALSE
0,161	0,282	0,004	0,009	0,166	FALSE
-0,087	0,297	-0,004	0,018	0,081	FALSE
-0,016	0,269	-0,002	0,017	0,051	FALSE
-0,061	0,287	-0,001	0,009	0,042	FALSE
-0,104	0,289	-0,005	0,015	0,127	FALSE
0,071	0,285	0,001	0,011	0,045	FALSE
-0,080	0,290	0,000	0,016	0,004	FALSE
0,066	0,278	0,004	0,016	0,090	FALSE
0,143	0,284	0,007	0,017	0,159	FALSE
0,123	0,288	0,004	0,014	0,096	FALSE
0,125	0,282	0,008	0,014	0,249	FALSE
-0,097	0,278	-0,002	0,015	0,045	FALSE
0,030	0,260	0,001	0,011	0,020	FALSE
0,069	0,290	0,003	0,012	0,107	FALSE
-0,053	0,288	-0,006	0,018	0,132	FALSE
-0,003	0,297	0,001	0,013	0,014	FALSE
0,066	0,287	-0,001	0,013	0,016	FALSE
-0,007	0,286	-0,004	0,013	0,118	FALSE
-0,091	0,296	-0,003	0,011	0,098	FALSE
-0,085	0,293	-0,003	0,017	0,061	FALSE
-0,008	0,293	0,001	0,010	0,029	FALSE
0,023	0,290	0,001	0,010	0,022	FALSE
0,028	0,282	0,001	0,010	0,028	FALSE
-0,044	0,288	0,000	0,009	0,016	FALSE
0,191	0,266	0,010	0,015	0,278	FALSE
-0,056	0,284	-0,002	0,017	0,038	FALSE
0,037	0,285	0,001	0,010	0,038	FALSE
0,039	0,294	0,003	0,017	0,058	FALSE
0,117	0,287	0,005	0,016	0,136	FALSE
0,080	0,293	0,004	0,016	0,101	FALSE
-0,086	0,271	-0,003	0,011	0,097	FALSE
0,084	0,281	0,004	0,011	0,127	FALSE
-0,086	0,297	-0,003	0,010	0,124	FALSE
0,154	0,279	0,007	0,012	0,243	FALSE
0,177	0,277	0,007	0,012	0,253	FALSE
0,160	0,274	0,008	0,013	0,246	FALSE
0,134	0,294	0,007	0,015	0,186	FALSE
0,150	0,297	0,005	0,012	0,191	FALSE
-0,061	0,278	-0,002	0,008	0,082	FALSE
-0,053	0,287	-0,001	0,016	0,016	FALSE
0,068	0,272	0,003	0,016	0,082	FALSE
0,107	0,287	0,004	0,012	0,142	FALSE
0,111	0,287	0,001	0,009	0,056	FALSE
0,071	0,264	0,006	0,017	0,129	FALSE
-0,108	0,290	-0,004	0,009	0,171	FALSE

-0,002	0,269	-0,002	0,009	0,076	FALSE
-0,066	0,280	-0,003	0,011	0,102	FALSE
0,143	0,297	0,007	0,015	0,212	FALSE
-0,109	0,286	-0,007	0,018	0,146	FALSE
0,026	0,295	0,000	0,010	0,008	FALSE
0,072	0,280	0,002	0,010	0,094	FALSE
-0,099	0,268	-0,004	0,014	0,124	FALSE
-0,110	0,283	-0,004	0,013	0,131	FALSE
-0,209	0,276	-0,008	0,011	0,335	FALSE
0,054	0,283	0,004	0,016	0,082	FALSE
-0,075	0,291	-0,005	0,018	0,120	FALSE
-0,079	0,294	-0,005	0,018	0,115	FALSE
-0,104	0,280	-0,003	0,009	0,128	FALSE
0,020	0,278	0,002	0,008	0,089	FALSE
-0,063	0,291	-0,002	0,013	0,048	FALSE
-0,320	0,274	-0,020	0,018	0,560	FALSE
-0,200	0,277	-0,012	0,017	0,314	FALSE
0,085	0,274	0,001	0,010	0,028	FALSE
-0,166	0,290	-0,010	0,017	0,259	FALSE
0,141	0,286	0,006	0,017	0,136	FALSE
0,018	0,282	0,000	0,010	0,013	FALSE
0,024	0,287	0,001	0,011	0,037	FALSE
-0,126	0,269	-0,008	0,016	0,214	FALSE
0,186	0,276	0,010	0,016	0,271	FALSE
-0,064	0,284	-0,002	0,016	0,051	FALSE
-0,136	0,282	-0,007	0,017	0,152	FALSE
-0,011	0,291	0,000	0,009	0,013	FALSE
-0,138	0,291	-0,005	0,012	0,177	FALSE
0,038	0,273	0,001	0,010	0,034	FALSE
0,137	0,271	0,005	0,012	0,150	FALSE
-0,035	0,292	0,000	0,008	0,017	FALSE
-0,065	0,294	-0,001	0,010	0,037	FALSE
-0,052	0,292	-0,005	0,017	0,101	FALSE
0,107	0,288	0,004	0,013	0,104	FALSE
-0,045	0,280	-0,003	0,011	0,114	FALSE
-0,011	0,285	-0,001	0,016	0,022	FALSE
0,083	0,274	0,002	0,010	0,081	FALSE
0,048	0,274	0,004	0,014	0,105	FALSE
-0,023	0,278	-0,002	0,017	0,036	FALSE
-0,053	0,270	-0,003	0,010	0,105	FALSE
-0,048	0,300	0,000	0,009	0,002	FALSE
0,000	0,280	0,000	0,014	0,008	FALSE
0,043	0,283	0,002	0,009	0,075	FALSE
-0,062	0,278	-0,001	0,013	0,021	FALSE
0,121	0,286	0,004	0,016	0,099	FALSE
-0,147	0,276	-0,006	0,011	0,235	FALSE
0,007	0,285	0,000	0,010	0,013	FALSE
-0,094	0,290	-0,003	0,009	0,133	FALSE
0,087	0,284	0,002	0,009	0,073	FALSE
-0,239	0,286	-0,008	0,012	0,307	FALSE
-0,126	0,278	-0,005	0,014	0,147	FALSE
0,141	0,280	0,005	0,010	0,230	FALSE
0,120	0,281	0,002	0,009	0,090	FALSE

-0,051	0,277	-0,003	0,010	0,126	FALSE
0,047	0,282	0,003	0,017	0,066	FALSE
0,111	0,294	0,002	0,009	0,079	FALSE
-0,043	0,288	-0,002	0,010	0,096	FALSE
-0,030	0,291	0,001	0,009	0,035	FALSE
0,027	0,279	0,001	0,010	0,037	FALSE
-0,188	0,281	-0,007	0,014	0,225	FALSE
0,163	0,276	0,007	0,016	0,188	FALSE
0,182	0,277	0,006	0,009	0,298	FALSE
-0,071	0,291	-0,003	0,010	0,096	FALSE
-0,061	0,296	-0,003	0,015	0,071	FALSE
-0,006	0,289	0,000	0,008	0,005	FALSE
0,086	0,275	0,002	0,011	0,062	FALSE
-0,040	0,278	0,000	0,010	0,008	FALSE
0,016	0,292	0,001	0,015	0,034	FALSE
0,106	0,289	0,004	0,012	0,155	FALSE
-0,032	0,284	-0,001	0,009	0,057	FALSE
0,152	0,287	0,010	0,018	0,233	FALSE
0,081	0,279	0,003	0,017	0,059	FALSE
0,087	0,288	0,005	0,016	0,126	FALSE
0,176	0,289	0,006	0,012	0,211	FALSE
0,185	0,269	0,007	0,011	0,275	FALSE
-0,084	0,287	-0,007	0,017	0,160	FALSE
-0,111	0,290	-0,006	0,013	0,181	FALSE
-0,030	0,292	-0,001	0,016	0,012	FALSE
-0,074	0,294	-0,006	0,017	0,144	FALSE
0,075	0,287	0,002	0,010	0,087	FALSE
0,070	0,279	0,002	0,010	0,095	FALSE
0,038	0,290	0,002	0,015	0,055	FALSE
-0,188	0,286	-0,012	0,018	0,284	FALSE
-0,065	0,290	-0,002	0,010	0,060	FALSE
0,086	0,298	0,002	0,010	0,095	FALSE
-0,099	0,283	-0,002	0,013	0,053	FALSE
-0,051	0,297	0,000	0,011	0,007	FALSE
0,017	0,279	0,000	0,015	0,006	FALSE
-0,082	0,268	-0,002	0,010	0,072	FALSE
-0,060	0,278	-0,001	0,012	0,045	FALSE
0,054	0,285	0,002	0,018	0,048	FALSE
-0,062	0,278	-0,002	0,009	0,064	FALSE
-0,073	0,280	-0,003	0,012	0,085	FALSE
-0,050	0,286	-0,003	0,012	0,094	FALSE
0,025	0,305	0,001	0,011	0,043	FALSE
-0,231	0,263	-0,010	0,014	0,334	FALSE
-0,095	0,267	-0,005	0,014	0,140	FALSE
-0,118	0,283	-0,003	0,009	0,108	FALSE
-0,076	0,288	-0,001	0,009	0,059	FALSE
0,183	0,270	0,010	0,016	0,290	FALSE
-0,140	0,294	-0,006	0,015	0,182	FALSE
0,161	0,271	0,009	0,015	0,240	FALSE
0,050	0,245	0,002	0,016	0,046	FALSE
-0,037	0,268	-0,003	0,017	0,069	FALSE
0,032	0,285	0,000	0,016	0,001	FALSE
-0,138	0,291	-0,010	0,017	0,258	FALSE

0,063	0,306	0,004	0,012	0,125	FALSE
0,085	0,279	0,006	0,017	0,127	FALSE
0,025	0,281	0,001	0,008	0,059	FALSE
-0,092	0,291	-0,006	0,016	0,159	FALSE
0,174	0,273	0,005	0,010	0,206	FALSE
-0,093	0,277	-0,005	0,016	0,119	FALSE
0,096	0,282	0,004	0,011	0,142	FALSE
-0,021	0,294	0,000	0,010	0,000	FALSE
0,088	0,283	0,006	0,018	0,142	FALSE
-0,084	0,282	-0,005	0,017	0,105	FALSE
0,056	0,275	0,001	0,016	0,021	FALSE
-0,033	0,285	-0,001	0,015	0,022	FALSE
-0,017	0,282	0,000	0,015	0,003	FALSE
-0,034	0,275	-0,001	0,014	0,033	FALSE
0,049	0,276	0,001	0,016	0,017	FALSE
0,005	0,281	-0,001	0,016	0,024	FALSE
0,127	0,276	0,004	0,009	0,185	FALSE
-0,075	0,292	-0,005	0,016	0,133	FALSE
0,001	0,299	0,001	0,012	0,026	FALSE
-0,067	0,293	-0,003	0,011	0,092	FALSE
0,077	0,276	0,002	0,009	0,083	FALSE
-0,041	0,288	-0,004	0,016	0,099	FALSE
0,002	0,291	0,001	0,011	0,034	FALSE
-0,092	0,277	-0,004	0,009	0,187	FALSE
0,087	0,287	0,004	0,018	0,098	FALSE
0,182	0,259	0,005	0,010	0,223	FALSE
0,213	0,273	0,014	0,017	0,377	FALSE
-0,004	0,282	0,001	0,010	0,041	FALSE
0,066	0,280	0,002	0,010	0,088	FALSE
-0,061	0,287	-0,004	0,015	0,094	FALSE
-0,026	0,288	0,001	0,016	0,025	FALSE
-0,101	0,273	-0,001	0,014	0,036	FALSE
0,057	0,298	0,001	0,009	0,061	FALSE
0,061	0,275	0,006	0,013	0,189	FALSE
-0,021	0,285	0,000	0,009	0,002	FALSE
-0,020	0,282	-0,001	0,014	0,015	FALSE
-0,122	0,272	-0,004	0,009	0,215	FALSE
0,094	0,287	0,004	0,012	0,147	FALSE
0,058	0,272	0,002	0,009	0,075	FALSE
0,037	0,280	0,001	0,009	0,021	FALSE
-0,040	0,280	-0,003	0,014	0,093	FALSE
0,060	0,278	0,005	0,016	0,122	FALSE
0,024	0,296	0,001	0,011	0,025	FALSE
-0,080	0,281	-0,001	0,011	0,041	FALSE
0,094	0,281	0,002	0,010	0,086	FALSE
0,219	0,272	0,010	0,015	0,304	FALSE
0,079	0,291	0,003	0,017	0,069	FALSE
-0,081	0,287	-0,004	0,012	0,121	FALSE
-0,147	0,299	-0,003	0,009	0,157	FALSE
-0,210	0,271	-0,007	0,011	0,266	FALSE
0,102	0,264	0,005	0,017	0,106	FALSE
0,013	0,289	0,003	0,010	0,117	FALSE
-0,077	0,286	-0,001	0,009	0,042	FALSE

-0,076	0,295	-0,001	0,009	0,025	FALSE
0,048	0,300	0,001	0,009	0,034	FALSE
0,005	0,288	0,002	0,009	0,070	FALSE
-0,028	0,293	-0,001	0,008	0,033	FALSE
0,060	0,295	0,003	0,009	0,124	FALSE
-0,014	0,303	-0,001	0,014	0,014	FALSE
-0,013	0,301	-0,001	0,014	0,020	FALSE
0,044	0,286	0,001	0,015	0,027	FALSE
-0,019	0,287	0,001	0,014	0,021	FALSE
0,116	0,287	0,003	0,011	0,100	FALSE
-0,035	0,285	-0,002	0,016	0,042	FALSE
0,034	0,293	0,000	0,011	0,011	FALSE
0,045	0,287	0,000	0,012	0,014	FALSE
0,021	0,287	0,002	0,010	0,060	FALSE
-0,225	0,292	-0,006	0,009	0,317	FALSE
-0,146	0,284	-0,005	0,016	0,120	FALSE
-0,001	0,281	0,002	0,013	0,061	FALSE
0,011	0,277	-0,002	0,009	0,064	FALSE
0,008	0,270	-0,001	0,009	0,059	FALSE
0,106	0,274	0,007	0,015	0,210	FALSE
-0,075	0,283	-0,006	0,014	0,168	FALSE
-0,150	0,266	-0,010	0,016	0,268	FALSE
-0,159	0,268	-0,010	0,017	0,265	FALSE
-0,189	0,260	-0,012	0,016	0,339	FALSE
-0,113	0,295	-0,006	0,015	0,177	FALSE
0,192	0,283	0,006	0,011	0,264	FALSE
0,058	0,276	0,003	0,010	0,141	FALSE
-0,145	0,284	-0,005	0,010	0,208	FALSE
0,078	0,281	0,004	0,016	0,089	FALSE
0,038	0,278	0,002	0,010	0,058	FALSE
-0,087	0,294	-0,006	0,017	0,133	FALSE
-0,037	0,285	-0,001	0,015	0,027	FALSE
0,065	0,284	0,003	0,014	0,073	FALSE
0,017	0,302	0,003	0,017	0,073	FALSE
0,024	0,291	0,003	0,016	0,079	FALSE
-0,130	0,274	-0,005	0,011	0,206	FALSE
0,119	0,265	0,004	0,013	0,125	FALSE
-0,120	0,278	-0,005	0,012	0,179	FALSE
0,023	0,310	0,002	0,016	0,040	FALSE
-0,084	0,279	-0,001	0,010	0,048	FALSE
0,243	0,279	0,008	0,011	0,335	FALSE
-0,070	0,285	-0,004	0,017	0,081	FALSE
0,061	0,275	0,002	0,014	0,042	FALSE
0,174	0,265	0,003	0,009	0,114	FALSE
0,157	0,273	0,005	0,009	0,228	FALSE
-0,072	0,291	-0,003	0,014	0,075	FALSE
0,019	0,277	0,000	0,016	0,006	FALSE
-0,024	0,284	-0,001	0,011	0,044	FALSE
-0,088	0,280	-0,003	0,009	0,117	FALSE
-0,095	0,284	-0,003	0,010	0,124	FALSE
0,104	0,280	0,003	0,012	0,109	FALSE
0,013	0,299	0,000	0,017	0,003	FALSE
-0,095	0,289	-0,005	0,015	0,137	FALSE

-0,198	0,277	-0,007	0,012	0,240	FALSE
0,088	0,277	0,003	0,009	0,129	FALSE
-0,095	0,280	-0,004	0,012	0,120	FALSE
-0,011	0,289	0,001	0,011	0,036	FALSE
-0,105	0,284	-0,003	0,015	0,080	FALSE
0,103	0,270	0,007	0,013	0,206	FALSE
0,086	0,287	0,004	0,014	0,099	FALSE
0,111	0,286	0,004	0,012	0,139	FALSE
-0,171	0,286	-0,008	0,016	0,224	FALSE
-0,150	0,285	-0,005	0,009	0,216	FALSE
-0,096	0,277	-0,004	0,015	0,110	FALSE
-0,084	0,279	-0,003	0,016	0,080	FALSE
0,093	0,290	0,005	0,017	0,119	FALSE
0,123	0,281	0,002	0,009	0,081	FALSE
-0,179	0,289	-0,011	0,018	0,281	FALSE
-0,217	0,276	-0,009	0,016	0,258	FALSE
0,053	0,274	0,006	0,016	0,161	FALSE
0,133	0,278	0,005	0,012	0,160	FALSE
0,093	0,275	0,002	0,013	0,047	FALSE
0,106	0,289	0,005	0,015	0,118	FALSE
-0,084	0,286	-0,002	0,011	0,074	FALSE
0,062	0,282	0,001	0,016	0,013	FALSE
-0,001	0,301	0,001	0,017	0,026	FALSE
0,037	0,278	0,003	0,013	0,096	FALSE
-0,020	0,297	0,000	0,013	0,001	FALSE
-0,070	0,280	-0,002	0,017	0,043	FALSE
-0,099	0,302	-0,002	0,010	0,059	FALSE
0,015	0,296	0,001	0,017	0,013	FALSE
-0,124	0,271	-0,007	0,014	0,198	FALSE
-0,161	0,277	-0,008	0,012	0,301	FALSE
0,110	0,286	0,006	0,014	0,176	FALSE
-0,087	0,292	-0,002	0,009	0,077	FALSE
-0,015	0,282	0,000	0,009	0,014	FALSE
-0,021	0,287	0,000	0,010	0,007	FALSE
-0,036	0,277	-0,002	0,011	0,079	FALSE
0,069	0,271	0,000	0,010	0,015	FALSE
0,058	0,290	0,004	0,017	0,093	FALSE
-0,143	0,292	-0,010	0,019	0,234	FALSE
-0,099	0,269	-0,003	0,010	0,108	FALSE
0,117	0,284	0,003	0,009	0,143	FALSE
-0,092	0,276	-0,002	0,012	0,077	FALSE
0,025	0,285	0,002	0,009	0,067	FALSE
-0,176	0,281	-0,010	0,017	0,261	FALSE
0,012	0,285	0,001	0,009	0,042	FALSE
0,023	0,274	-0,001	0,013	0,023	FALSE
0,075	0,290	0,002	0,015	0,050	FALSE
0,002	0,287	0,000	0,010	0,001	FALSE
0,062	0,281	0,003	0,011	0,095	FALSE
-0,005	0,279	-0,001	0,009	0,034	FALSE
0,070	0,280	0,007	0,017	0,161	FALSE
0,138	0,280	0,006	0,017	0,150	FALSE
-0,092	0,288	-0,003	0,010	0,114	FALSE
0,071	0,296	0,008	0,018	0,177	FALSE

0,148	0,279	0,004	0,009	0,196	FALSE
0,013	0,289	0,000	0,011	0,003	FALSE
-0,102	0,291	-0,008	0,017	0,193	FALSE
0,111	0,293	0,002	0,009	0,099	FALSE
-0,100	0,287	-0,004	0,012	0,136	FALSE
0,000	0,293	-0,001	0,017	0,020	FALSE
0,190	0,284	0,006	0,009	0,295	FALSE
0,004	0,286	0,000	0,009	0,017	FALSE
0,082	0,289	0,004	0,016	0,098	FALSE
0,047	0,279	0,001	0,009	0,052	FALSE
0,065	0,303	0,003	0,016	0,083	FALSE
-0,069	0,287	-0,001	0,010	0,045	FALSE
-0,073	0,277	-0,002	0,009	0,081	FALSE
0,176	0,276	0,004	0,009	0,196	FALSE
0,086	0,277	0,004	0,013	0,115	FALSE
0,123	0,289	0,005	0,016	0,127	FALSE
0,157	0,283	0,008	0,016	0,202	FALSE
-0,131	0,280	-0,006	0,017	0,129	FALSE
0,105	0,288	0,005	0,017	0,103	FALSE
0,125	0,285	0,002	0,015	0,042	FALSE
0,184	0,266	0,009	0,016	0,244	FALSE
-0,131	0,277	-0,004	0,010	0,181	FALSE
-0,008	0,268	-0,003	0,013	0,093	FALSE
0,213	0,273	0,009	0,016	0,258	FALSE
0,187	0,284	0,007	0,017	0,174	FALSE
0,096	0,286	0,004	0,015	0,103	FALSE
-0,071	0,296	-0,002	0,013	0,068	FALSE
-0,028	0,277	-0,004	0,012	0,118	FALSE
-0,066	0,294	-0,004	0,018	0,086	FALSE
0,068	0,287	0,000	0,012	0,009	FALSE
0,084	0,254	0,005	0,016	0,123	FALSE
0,110	0,262	0,005	0,014	0,154	FALSE
-0,090	0,288	-0,003	0,009	0,161	FALSE
-0,029	0,289	-0,002	0,016	0,051	FALSE
0,090	0,272	0,006	0,017	0,140	FALSE
0,017	0,287	0,000	0,010	0,005	FALSE
0,020	0,284	0,000	0,017	0,003	FALSE
0,065	0,269	0,004	0,017	0,088	FALSE
-0,057	0,266	-0,003	0,017	0,059	FALSE
-0,054	0,287	-0,002	0,010	0,086	FALSE
-0,066	0,284	-0,004	0,011	0,126	FALSE
-0,157	0,294	-0,004	0,009	0,203	FALSE
0,061	0,293	0,004	0,015	0,108	FALSE
-0,273	0,277	-0,009	0,009	0,479	FALSE
-0,252	0,278	-0,009	0,009	0,438	FALSE
-0,282	0,280	-0,010	0,010	0,479	FALSE
0,212	0,258	0,011	0,016	0,315	FALSE
0,044	0,269	0,002	0,016	0,058	FALSE
0,030	0,284	0,001	0,010	0,026	FALSE
0,121	0,278	0,003	0,010	0,113	FALSE
-0,056	0,272	-0,002	0,014	0,062	FALSE
-0,050	0,278	-0,002	0,013	0,057	FALSE
0,135	0,279	0,004	0,008	0,180	FALSE

-0,050	0,290	-0,003	0,014	0,078	FALSE
-0,082	0,281	-0,006	0,016	0,150	FALSE
0,203	0,272	0,008	0,010	0,357	FALSE
0,037	0,282	0,003	0,010	0,115	FALSE
0,126	0,288	0,006	0,010	0,244	FALSE
-0,126	0,286	-0,006	0,016	0,154	FALSE
0,188	0,274	0,005	0,009	0,268	FALSE
0,140	0,272	0,003	0,011	0,120	FALSE
0,180	0,283	0,006	0,012	0,225	FALSE
0,024	0,281	0,001	0,009	0,037	FALSE
0,041	0,294	0,001	0,016	0,015	FALSE
0,056	0,280	0,002	0,009	0,069	FALSE
-0,014	0,294	-0,001	0,012	0,037	FALSE
-0,036	0,277	-0,001	0,010	0,052	FALSE
0,104	0,272	0,004	0,009	0,175	FALSE
0,003	0,276	-0,001	0,009	0,029	FALSE
0,024	0,282	0,002	0,010	0,072	FALSE
-0,118	0,279	-0,004	0,011	0,124	FALSE
-0,050	0,271	-0,001	0,010	0,032	FALSE
0,036	0,276	0,001	0,009	0,020	FALSE
-0,120	0,307	-0,005	0,015	0,147	FALSE
-0,044	0,299	-0,001	0,011	0,020	FALSE
-0,117	0,286	-0,005	0,013	0,172	FALSE
-0,076	0,290	-0,004	0,014	0,114	FALSE
0,091	0,285	0,003	0,011	0,105	FALSE
0,034	0,282	0,004	0,014	0,096	FALSE
-0,040	0,293	-0,003	0,012	0,106	FALSE
-0,129	0,278	-0,009	0,016	0,243	FALSE
0,005	0,279	0,000	0,010	0,001	FALSE
-0,161	0,273	-0,005	0,012	0,181	FALSE
0,118	0,292	0,004	0,014	0,122	FALSE
0,087	0,298	0,003	0,015	0,087	FALSE
-0,115	0,307	-0,005	0,018	0,112	FALSE
-0,091	0,295	-0,005	0,017	0,103	FALSE
-0,075	0,284	-0,001	0,011	0,029	FALSE
0,065	0,273	0,001	0,009	0,022	FALSE
0,049	0,295	0,003	0,016	0,066	FALSE
-0,005	0,288	0,000	0,017	0,009	FALSE
-0,025	0,287	-0,001	0,012	0,029	FALSE
-0,143	0,274	-0,004	0,008	0,191	FALSE
0,102	0,297	0,003	0,013	0,091	FALSE
0,085	0,269	0,002	0,009	0,079	FALSE
-0,105	0,281	-0,003	0,014	0,079	FALSE
-0,100	0,296	-0,004	0,009	0,159	FALSE
-0,044	0,280	-0,003	0,013	0,081	FALSE
-0,086	0,291	-0,008	0,017	0,188	FALSE
-0,111	0,287	-0,005	0,014	0,124	FALSE
0,218	0,249	0,012	0,016	0,358	FALSE
0,208	0,274	0,007	0,010	0,297	FALSE
0,000	0,270	0,002	0,014	0,050	FALSE
-0,025	0,288	0,000	0,010	0,007	FALSE
0,014	0,293	0,000	0,012	0,007	FALSE
0,176	0,272	0,009	0,017	0,243	FALSE

0,184	0,282	0,010	0,018	0,252	FALSE
-0,094	0,286	-0,003	0,014	0,092	FALSE
-0,089	0,281	-0,003	0,014	0,073	FALSE
0,071	0,278	0,002	0,016	0,046	FALSE
-0,027	0,283	-0,001	0,009	0,024	FALSE
0,212	0,272	0,009	0,013	0,294	FALSE
0,040	0,296	0,001	0,014	0,031	FALSE
0,005	0,287	-0,002	0,016	0,053	FALSE
-0,131	0,287	-0,004	0,009	0,176	FALSE
0,236	0,283	0,011	0,015	0,358	FALSE
-0,025	0,284	-0,001	0,013	0,022	FALSE
0,120	0,282	0,005	0,012	0,166	FALSE
0,050	0,282	0,003	0,018	0,069	FALSE
0,068	0,273	0,002	0,011	0,079	FALSE
-0,033	0,284	-0,001	0,012	0,020	FALSE
-0,068	0,276	-0,002	0,010	0,069	FALSE
0,226	0,279	0,010	0,018	0,245	FALSE
-0,017	0,289	0,000	0,015	0,007	FALSE
0,132	0,287	0,004	0,011	0,162	FALSE
0,185	0,283	0,006	0,011	0,215	FALSE
-0,123	0,284	-0,003	0,009	0,115	FALSE
-0,021	0,289	-0,001	0,009	0,021	FALSE
-0,084	0,276	-0,001	0,009	0,057	FALSE
-0,075	0,279	-0,006	0,017	0,147	FALSE
0,048	0,286	0,004	0,017	0,080	FALSE
0,022	0,288	0,003	0,017	0,054	FALSE
0,033	0,291	0,003	0,016	0,066	FALSE
-0,139	0,290	-0,004	0,013	0,132	FALSE
-0,016	0,284	0,000	0,011	0,006	FALSE
0,031	0,282	0,001	0,011	0,040	FALSE
0,053	0,261	0,000	0,015	0,004	FALSE
-0,034	0,274	-0,002	0,014	0,051	FALSE
0,032	0,269	0,001	0,017	0,026	FALSE
0,117	0,264	0,005	0,015	0,149	FALSE
-0,043	0,292	0,000	0,010	0,001	FALSE
0,021	0,278	0,001	0,017	0,018	FALSE
-0,141	0,283	-0,009	0,016	0,249	FALSE
-0,107	0,269	-0,003	0,010	0,132	FALSE
-0,226	0,276	-0,013	0,016	0,385	FALSE
0,092	0,299	0,003	0,015	0,090	FALSE
0,023	0,294	0,002	0,017	0,039	FALSE
0,039	0,289	0,003	0,015	0,082	FALSE
-0,098	0,263	-0,003	0,011	0,122	FALSE
0,158	0,286	0,004	0,014	0,122	FALSE
-0,060	0,275	-0,002	0,010	0,096	FALSE
-0,090	0,278	-0,005	0,016	0,118	FALSE
0,140	0,277	0,008	0,014	0,223	FALSE
-0,132	0,282	-0,007	0,017	0,166	FALSE
-0,118	0,291	-0,003	0,008	0,118	FALSE
-0,068	0,291	-0,003	0,017	0,068	FALSE
-0,132	0,278	-0,006	0,017	0,141	FALSE
-0,052	0,286	0,000	0,010	0,015	FALSE
-0,113	0,275	-0,006	0,012	0,201	FALSE

-0,192	0,285	-0,011	0,016	0,322	TRUE
-0,165	0,295	-0,011	0,017	0,275	FALSE
-0,166	0,282	-0,010	0,016	0,271	FALSE
-0,166	0,282	-0,010	0,017	0,269	FALSE
0,158	0,269	0,005	0,010	0,229	FALSE
0,001	0,298	-0,001	0,017	0,023	FALSE
-0,017	0,288	0,000	0,011	0,016	FALSE
-0,040	0,280	-0,001	0,010	0,041	FALSE
0,015	0,286	0,001	0,011	0,042	FALSE
-0,123	0,270	-0,004	0,010	0,162	FALSE
-0,097	0,279	-0,003	0,010	0,107	FALSE
-0,242	0,269	-0,012	0,015	0,361	FALSE
-0,062	0,262	-0,005	0,017	0,110	FALSE
0,047	0,275	0,004	0,012	0,115	FALSE
0,041	0,297	0,002	0,013	0,048	FALSE
0,080	0,297	0,003	0,013	0,091	FALSE
-0,147	0,274	-0,009	0,016	0,242	FALSE
0,062	0,269	0,005	0,016	0,125	FALSE
0,133	0,273	0,003	0,010	0,125	FALSE
0,079	0,272	0,000	0,012	0,007	FALSE
0,111	0,264	0,002	0,012	0,057	FALSE
0,206	0,260	0,006	0,011	0,228	FALSE
0,112	0,278	0,003	0,008	0,139	FALSE
0,211	0,260	0,007	0,011	0,280	FALSE
-0,171	0,281	-0,005	0,011	0,195	FALSE
0,024	0,297	0,002	0,016	0,038	FALSE
-0,077	0,276	-0,002	0,016	0,055	FALSE
0,011	0,270	0,001	0,015	0,027	FALSE
-0,261	0,260	-0,012	0,016	0,367	FALSE
-0,008	0,292	-0,001	0,016	0,015	FALSE
-0,016	0,271	-0,001	0,009	0,050	FALSE
-0,115	0,267	-0,006	0,016	0,158	FALSE
-0,100	0,293	-0,003	0,010	0,110	FALSE
0,118	0,275	0,004	0,010	0,147	FALSE
-0,044	0,278	0,000	0,009	0,007	FALSE
-0,074	0,287	-0,002	0,013	0,060	FALSE
0,043	0,278	0,001	0,015	0,035	FALSE
-0,166	0,287	-0,006	0,012	0,209	FALSE
0,181	0,278	0,005	0,009	0,240	FALSE
0,133	0,274	0,005	0,015	0,115	FALSE
-0,097	0,280	-0,003	0,013	0,088	FALSE
0,106	0,283	0,003	0,011	0,093	FALSE
-0,056	0,286	0,000	0,009	0,017	FALSE
0,058	0,276	0,004	0,016	0,105	FALSE
0,144	0,276	0,004	0,008	0,191	FALSE
0,025	0,271	0,001	0,013	0,022	FALSE
0,003	0,277	0,002	0,010	0,053	FALSE
0,055	0,272	0,000	0,009	0,013	FALSE
-0,029	0,287	0,001	0,013	0,040	FALSE
0,187	0,284	0,004	0,010	0,186	FALSE
-0,087	0,288	-0,003	0,014	0,085	FALSE
0,037	0,284	0,002	0,012	0,071	FALSE
-0,095	0,294	-0,003	0,014	0,093	FALSE

0,010	0,277	0,000	0,015	0,010	FALSE
0,107	0,290	0,004	0,014	0,107	FALSE
-0,056	0,290	-0,002	0,017	0,053	FALSE
-0,126	0,294	-0,004	0,011	0,161	FALSE
-0,085	0,293	-0,003	0,009	0,144	FALSE
0,079	0,280	0,005	0,012	0,176	FALSE
-0,003	0,277	0,002	0,012	0,070	FALSE
0,135	0,273	0,006	0,015	0,171	FALSE
0,163	0,270	0,009	0,017	0,229	FALSE
-0,121	0,278	-0,003	0,008	0,140	FALSE
-0,138	0,288	-0,003	0,009	0,116	FALSE
0,030	0,290	0,002	0,009	0,100	FALSE
-0,183	0,291	-0,010	0,014	0,313	FALSE
0,066	0,281	0,000	0,009	0,006	FALSE
-0,031	0,288	0,000	0,009	0,011	FALSE
-0,109	0,287	-0,006	0,015	0,175	FALSE
0,016	0,295	0,000	0,013	0,004	FALSE
-0,118	0,285	-0,005	0,016	0,112	FALSE
-0,066	0,286	-0,001	0,016	0,022	FALSE
-0,173	0,295	-0,006	0,012	0,208	FALSE
0,034	0,281	0,002	0,017	0,052	FALSE
0,014	0,271	0,001	0,011	0,022	FALSE
0,129	0,281	0,004	0,014	0,120	FALSE
0,006	0,277	-0,001	0,016	0,032	FALSE
0,057	0,284	0,001	0,015	0,027	FALSE
-0,044	0,281	-0,003	0,017	0,070	FALSE
-0,102	0,284	-0,003	0,010	0,112	FALSE
0,164	0,273	0,008	0,013	0,247	FALSE
-0,044	0,282	0,000	0,009	0,017	FALSE
0,141	0,260	0,007	0,013	0,211	FALSE
-0,004	0,282	0,000	0,009	0,008	FALSE
-0,154	0,281	-0,005	0,010	0,199	FALSE
-0,134	0,268	-0,005	0,010	0,226	FALSE
0,148	0,285	0,009	0,017	0,220	FALSE
-0,176	0,288	-0,010	0,018	0,233	FALSE
0,000	0,307	0,001	0,017	0,023	FALSE
-0,054	0,269	-0,005	0,013	0,162	FALSE
-0,111	0,268	-0,004	0,011	0,141	FALSE
-0,195	0,281	-0,006	0,010	0,234	FALSE
0,103	0,282	0,004	0,017	0,098	FALSE
0,116	0,284	0,006	0,017	0,144	FALSE
-0,065	0,287	-0,002	0,014	0,047	FALSE
0,031	0,289	0,001	0,016	0,016	FALSE
0,042	0,305	0,004	0,016	0,095	FALSE
0,051	0,280	0,002	0,013	0,065	FALSE
-0,035	0,290	-0,001	0,018	0,028	FALSE
0,003	0,281	0,000	0,016	0,004	FALSE
0,136	0,268	0,007	0,016	0,161	FALSE
0,046	0,272	0,003	0,010	0,097	FALSE
-0,023	0,292	-0,001	0,012	0,031	FALSE
-0,227	0,278	-0,008	0,011	0,321	FALSE
-0,173	0,270	-0,005	0,010	0,203	FALSE
-0,026	0,277	-0,002	0,017	0,033	FALSE

-0,092	0,282	-0,004	0,016	0,099	FALSE
-0,069	0,284	-0,003	0,016	0,059	FALSE
0,153	0,277	0,005	0,014	0,157	FALSE
-0,098	0,288	-0,005	0,018	0,104	FALSE
-0,078	0,278	-0,004	0,017	0,086	FALSE
0,093	0,276	0,003	0,017	0,059	FALSE
-0,153	0,290	-0,005	0,009	0,211	FALSE
-0,104	0,291	-0,003	0,012	0,113	FALSE
-0,071	0,281	-0,001	0,011	0,048	FALSE
-0,036	0,277	-0,001	0,010	0,020	FALSE
0,069	0,281	0,003	0,010	0,130	FALSE
0,075	0,298	0,003	0,018	0,064	FALSE
-0,111	0,286	-0,006	0,016	0,161	FALSE
0,182	0,287	0,010	0,018	0,246	FALSE
0,103	0,283	0,005	0,015	0,121	FALSE
0,000	0,285	-0,001	0,012	0,024	FALSE
0,003	0,292	-0,001	0,013	0,017	FALSE
-0,016	0,288	0,000	0,012	0,011	FALSE
0,012	0,277	0,002	0,016	0,044	FALSE
-0,162	0,273	-0,007	0,013	0,221	FALSE
-0,181	0,283	-0,007	0,012	0,254	FALSE
0,018	0,295	0,000	0,010	0,007	FALSE
0,014	0,279	-0,001	0,010	0,023	FALSE
-0,016	0,294	0,000	0,011	0,007	FALSE
0,005	0,292	0,000	0,013	0,000	FALSE
0,083	0,274	0,004	0,015	0,105	FALSE
0,022	0,289	0,002	0,016	0,040	FALSE
-0,057	0,285	-0,002	0,010	0,095	FALSE
0,125	0,268	0,005	0,010	0,195	FALSE
0,022	0,274	-0,001	0,015	0,021	FALSE
-0,075	0,291	-0,006	0,017	0,133	FALSE
-0,214	0,284	-0,011	0,015	0,339	FALSE
-0,199	0,287	-0,010	0,015	0,312	FALSE
0,106	0,285	0,006	0,012	0,217	FALSE
0,080	0,288	0,004	0,012	0,113	FALSE
0,122	0,276	0,004	0,010	0,163	FALSE
-0,021	0,285	0,000	0,017	0,001	FALSE
0,089	0,297	0,005	0,012	0,153	FALSE
0,117	0,280	0,006	0,012	0,205	FALSE
0,058	0,278	0,002	0,009	0,070	FALSE
0,128	0,285	0,006	0,012	0,201	FALSE
-0,080	0,282	-0,004	0,015	0,101	FALSE
0,078	0,288	0,003	0,017	0,063	FALSE
-0,044	0,288	-0,001	0,012	0,020	FALSE
0,027	0,277	0,001	0,012	0,035	FALSE
0,035	0,270	0,002	0,012	0,056	FALSE
0,009	0,281	0,001	0,017	0,018	FALSE
0,018	0,275	0,001	0,011	0,024	FALSE
-0,048	0,274	0,000	0,016	0,011	FALSE
0,021	0,282	0,000	0,015	0,003	FALSE
-0,122	0,270	-0,005	0,012	0,175	FALSE
-0,133	0,281	-0,003	0,009	0,134	FALSE
0,093	0,285	0,003	0,011	0,099	FALSE

-0,199	0,281	-0,010	0,016	0,262	FALSE
0,033	0,293	0,001	0,013	0,021	FALSE
0,103	0,284	0,004	0,012	0,145	FALSE
-0,193	0,269	-0,010	0,014	0,322	FALSE
-0,081	0,280	-0,003	0,010	0,105	FALSE
0,067	0,278	0,004	0,011	0,149	FALSE
-0,140	0,272	-0,006	0,014	0,172	FALSE
0,257	0,268	0,013	0,017	0,352	FALSE
-0,125	0,278	-0,008	0,018	0,175	FALSE
0,105	0,293	0,004	0,010	0,155	FALSE
-0,133	0,277	-0,007	0,013	0,214	FALSE
-0,010	0,284	0,001	0,014	0,022	FALSE
0,017	0,296	0,001	0,017	0,021	FALSE
0,071	0,304	0,003	0,018	0,066	FALSE
0,026	0,291	0,002	0,009	0,087	FALSE
0,010	0,288	0,001	0,017	0,020	FALSE
-0,047	0,304	-0,001	0,017	0,028	FALSE
-0,032	0,273	-0,002	0,017	0,048	FALSE
-0,135	0,279	-0,007	0,011	0,249	FALSE
0,002	0,284	0,000	0,012	0,003	FALSE
0,108	0,278	0,002	0,009	0,095	FALSE
0,059	0,284	0,004	0,013	0,128	FALSE
-0,214	0,283	-0,009	0,016	0,245	FALSE
0,090	0,282	0,003	0,010	0,131	FALSE
-0,028	0,286	-0,001	0,009	0,023	FALSE
0,116	0,278	0,004	0,016	0,099	FALSE
-0,197	0,271	-0,009	0,017	0,209	FALSE
0,115	0,284	0,002	0,010	0,069	FALSE
-0,193	0,272	-0,010	0,017	0,249	FALSE
0,033	0,276	0,000	0,016	0,001	FALSE
0,097	0,284	0,002	0,009	0,104	FALSE
-0,064	0,295	-0,003	0,015	0,090	FALSE
-0,029	0,295	0,000	0,015	0,003	FALSE
-0,057	0,288	-0,002	0,015	0,048	FALSE
0,019	0,285	0,002	0,011	0,075	FALSE
-0,027	0,266	0,002	0,015	0,053	FALSE
0,026	0,301	0,003	0,009	0,110	FALSE
0,055	0,281	0,000	0,010	0,007	FALSE
0,015	0,293	0,001	0,017	0,021	FALSE
-0,051	0,285	-0,003	0,017	0,075	FALSE
0,168	0,289	0,006	0,010	0,248	FALSE
0,158	0,282	0,006	0,010	0,238	FALSE
0,116	0,272	0,006	0,015	0,144	FALSE
0,031	0,291	0,001	0,014	0,016	FALSE
0,079	0,295	0,001	0,009	0,036	FALSE
-0,066	0,269	-0,001	0,010	0,028	FALSE
0,034	0,281	0,003	0,017	0,057	FALSE
-0,101	0,274	-0,005	0,010	0,217	FALSE
0,134	0,274	0,008	0,014	0,242	FALSE
-0,019	0,281	-0,001	0,009	0,055	FALSE
-0,025	0,280	-0,002	0,009	0,066	FALSE
-0,088	0,291	-0,004	0,014	0,121	FALSE
-0,097	0,277	-0,005	0,014	0,141	FALSE

-0,152	0,281	-0,004	0,010	0,174	FALSE
0,117	0,271	0,009	0,017	0,217	FALSE
-0,107	0,294	-0,003	0,009	0,143	FALSE
-0,013	0,286	0,000	0,009	0,011	FALSE
-0,044	0,265	0,000	0,012	0,009	FALSE
0,091	0,266	0,003	0,008	0,122	FALSE
0,134	0,273	0,004	0,012	0,119	FALSE
0,012	0,281	0,000	0,011	0,010	FALSE
-0,171	0,278	-0,007	0,010	0,307	FALSE
0,060	0,292	0,001	0,009	0,055	FALSE
0,114	0,296	0,004	0,009	0,177	FALSE
0,066	0,268	0,003	0,010	0,114	FALSE
0,209	0,274	0,010	0,014	0,327	FALSE
-0,114	0,292	-0,004	0,011	0,134	FALSE
0,177	0,277	0,009	0,016	0,239	FALSE
0,068	0,292	0,003	0,017	0,057	FALSE
-0,029	0,273	-0,001	0,011	0,039	FALSE
-0,129	0,290	-0,005	0,012	0,154	FALSE
0,008	0,274	0,000	0,010	0,002	FALSE
-0,101	0,277	-0,005	0,014	0,137	FALSE
-0,053	0,294	-0,002	0,010	0,085	FALSE
0,082	0,279	0,002	0,008	0,100	FALSE
0,112	0,293	0,003	0,009	0,126	FALSE
0,040	0,290	0,001	0,011	0,042	FALSE
0,011	0,282	0,001	0,010	0,025	FALSE
-0,066	0,271	-0,003	0,014	0,071	FALSE
0,014	0,282	0,001	0,009	0,025	FALSE
0,002	0,295	0,000	0,009	0,007	FALSE
-0,027	0,293	0,000	0,009	0,018	FALSE
0,008	0,287	0,000	0,009	0,016	FALSE
-0,013	0,293	0,000	0,009	0,015	FALSE
0,035	0,277	0,002	0,011	0,088	FALSE
0,201	0,276	0,011	0,015	0,329	FALSE
-0,036	0,294	0,001	0,010	0,019	FALSE
-0,056	0,292	0,000	0,009	0,003	FALSE
-0,029	0,304	-0,003	0,016	0,069	FALSE
-0,146	0,277	-0,008	0,016	0,206	FALSE
0,135	0,280	0,007	0,016	0,168	FALSE
-0,033	0,296	0,000	0,008	0,002	FALSE
0,026	0,289	0,001	0,016	0,025	FALSE
-0,071	0,297	-0,003	0,011	0,090	FALSE
0,075	0,281	0,004	0,015	0,116	FALSE
0,038	0,282	0,002	0,010	0,086	FALSE
0,035	0,279	0,001	0,011	0,022	FALSE
-0,011	0,282	-0,001	0,012	0,028	FALSE
-0,021	0,287	-0,001	0,012	0,037	FALSE
-0,010	0,279	-0,001	0,016	0,021	FALSE
-0,004	0,288	-0,001	0,013	0,026	FALSE
-0,041	0,281	-0,002	0,012	0,072	FALSE
0,114	0,267	0,006	0,010	0,270	FALSE
0,071	0,295	0,002	0,013	0,066	FALSE
0,122	0,268	0,006	0,016	0,152	FALSE
0,101	0,278	0,004	0,009	0,175	FALSE

-0,073	0,260	-0,003	0,010	0,110	FALSE
0,223	0,270	0,012	0,017	0,314	FALSE
-0,147	0,294	-0,004	0,013	0,128	FALSE
-0,077	0,275	-0,003	0,016	0,063	FALSE
0,135	0,271	0,006	0,011	0,209	FALSE
-0,094	0,287	-0,004	0,014	0,120	FALSE
0,005	0,291	0,001	0,015	0,018	FALSE
0,003	0,297	0,000	0,014	0,008	FALSE
0,144	0,280	0,008	0,017	0,194	FALSE
0,159	0,289	0,008	0,018	0,188	FALSE
0,060	0,268	0,003	0,017	0,075	FALSE
0,059	0,292	0,003	0,018	0,067	FALSE
0,055	0,266	0,003	0,014	0,075	FALSE
-0,105	0,287	-0,003	0,010	0,117	FALSE
0,146	0,283	0,009	0,018	0,203	FALSE
-0,023	0,281	-0,001	0,012	0,018	FALSE
0,017	0,294	0,001	0,014	0,035	FALSE
-0,129	0,297	-0,003	0,009	0,143	FALSE
-0,096	0,283	-0,003	0,010	0,118	FALSE
-0,133	0,286	-0,006	0,016	0,144	FALSE
-0,022	0,293	-0,002	0,017	0,050	FALSE
0,012	0,289	0,000	0,015	0,003	FALSE
-0,012	0,296	0,000	0,010	0,003	FALSE
0,098	0,282	0,002	0,010	0,065	FALSE
0,051	0,285	0,003	0,016	0,064	FALSE
-0,104	0,284	-0,003	0,011	0,097	FALSE
0,007	0,288	-0,001	0,011	0,019	FALSE
0,090	0,272	0,004	0,017	0,082	FALSE
-0,216	0,282	-0,010	0,013	0,383	FALSE
0,326	0,257	0,015	0,012	0,653	FALSE
-0,227	0,256	-0,015	0,016	0,431	FALSE
-0,029	0,293	-0,002	0,012	0,063	FALSE
0,004	0,269	0,000	0,011	0,007	FALSE
-0,035	0,303	-0,001	0,011	0,040	FALSE
0,030	0,295	0,001	0,011	0,034	FALSE
0,028	0,287	0,002	0,010	0,067	FALSE
0,114	0,294	0,005	0,017	0,122	FALSE
0,074	0,276	0,002	0,010	0,095	FALSE
-0,014	0,290	0,000	0,016	0,008	FALSE
-0,026	0,288	0,001	0,010	0,022	FALSE
0,057	0,274	0,003	0,018	0,066	FALSE
-0,262	0,282	-0,008	0,009	0,402	FALSE
-0,118	0,291	-0,009	0,018	0,208	FALSE
-0,144	0,280	-0,010	0,017	0,263	FALSE
-0,130	0,282	-0,010	0,017	0,245	FALSE
-0,113	0,282	-0,009	0,017	0,215	FALSE
-0,132	0,279	-0,004	0,011	0,160	FALSE
-0,008	0,272	-0,001	0,017	0,022	FALSE
-0,035	0,288	0,000	0,010	0,013	FALSE
0,037	0,274	0,002	0,017	0,037	FALSE
-0,069	0,267	-0,006	0,016	0,134	FALSE
-0,083	0,260	-0,006	0,014	0,176	FALSE
-0,097	0,272	-0,007	0,016	0,177	FALSE

-0,084	0,285	-0,007	0,016	0,171	FALSE
0,024	0,268	0,003	0,017	0,061	FALSE
-0,019	0,272	0,000	0,018	0,004	FALSE
-0,011	0,263	0,000	0,017	0,005	FALSE
0,113	0,277	0,005	0,018	0,118	FALSE
0,022	0,291	0,001	0,011	0,028	FALSE
-0,151	0,288	-0,006	0,017	0,137	FALSE
-0,081	0,275	-0,001	0,013	0,041	FALSE
0,062	0,279	0,001	0,009	0,056	FALSE
-0,069	0,294	-0,001	0,018	0,028	FALSE
0,041	0,286	-0,001	0,015	0,036	FALSE
0,007	0,279	-0,002	0,014	0,045	FALSE
0,034	0,284	0,000	0,014	0,001	FALSE
0,026	0,288	0,002	0,017	0,036	FALSE
0,023	0,286	0,003	0,014	0,072	FALSE
0,144	0,268	0,007	0,012	0,252	FALSE
0,070	0,296	0,002	0,011	0,083	FALSE
0,058	0,287	0,001	0,010	0,052	FALSE
-0,107	0,291	-0,003	0,010	0,137	FALSE
-0,185	0,265	-0,008	0,015	0,233	FALSE
-0,179	0,284	-0,008	0,011	0,307	FALSE
0,272	0,275	0,009	0,010	0,410	FALSE
-0,186	0,295	-0,009	0,012	0,335	FALSE
0,177	0,282	0,011	0,017	0,298	FALSE
0,068	0,284	0,002	0,015	0,050	FALSE
0,037	0,282	0,001	0,013	0,016	FALSE
-0,091	0,294	-0,006	0,016	0,151	FALSE
0,170	0,269	0,009	0,013	0,290	FALSE
-0,040	0,294	-0,001	0,013	0,035	FALSE
-0,194	0,287	-0,011	0,018	0,258	FALSE
0,029	0,289	0,001	0,015	0,015	FALSE
0,127	0,280	0,004	0,011	0,150	FALSE
0,140	0,262	0,008	0,013	0,271	FALSE
-0,014	0,284	-0,001	0,015	0,028	FALSE
0,028	0,270	0,002	0,010	0,059	FALSE
-0,055	0,284	-0,004	0,013	0,110	FALSE
0,057	0,270	0,001	0,009	0,041	FALSE
-0,088	0,296	-0,001	0,009	0,060	FALSE
-0,140	0,272	-0,006	0,015	0,171	FALSE
0,113	0,280	0,004	0,013	0,126	FALSE
-0,011	0,287	0,001	0,012	0,034	FALSE
0,033	0,297	0,000	0,009	0,003	FALSE
-0,064	0,277	-0,003	0,010	0,118	FALSE
-0,015	0,285	-0,003	0,017	0,055	FALSE
-0,020	0,290	-0,003	0,014	0,075	FALSE
-0,275	0,271	-0,009	0,010	0,438	FALSE
0,098	0,281	0,003	0,011	0,112	FALSE
-0,039	0,286	-0,004	0,016	0,086	FALSE
-0,140	0,283	-0,009	0,015	0,265	FALSE
-0,081	0,304	-0,004	0,017	0,094	FALSE
0,193	0,274	0,012	0,016	0,332	FALSE
-0,076	0,286	-0,005	0,013	0,146	FALSE
-0,003	0,269	0,002	0,011	0,049	FALSE

-0,042	0,267	-0,003	0,013	0,092	FALSE
0,065	0,283	0,002	0,009	0,099	FALSE
-0,057	0,290	-0,002	0,012	0,076	FALSE
-0,059	0,282	-0,004	0,014	0,113	FALSE
-0,029	0,279	-0,004	0,015	0,091	FALSE
0,030	0,286	0,002	0,011	0,051	FALSE
0,061	0,293	0,004	0,017	0,077	FALSE
0,073	0,281	0,003	0,010	0,106	FALSE
-0,024	0,284	-0,002	0,017	0,052	FALSE
0,031	0,292	0,001	0,010	0,026	FALSE
0,016	0,287	0,000	0,010	0,016	FALSE
-0,003	0,294	-0,001	0,011	0,018	FALSE
-0,186	0,274	-0,009	0,017	0,237	FALSE
-0,084	0,274	-0,003	0,008	0,146	FALSE
-0,188	0,276	-0,010	0,016	0,268	FALSE
-0,126	0,263	-0,005	0,014	0,153	FALSE
-0,046	0,285	0,000	0,009	0,012	FALSE
-0,132	0,279	-0,008	0,017	0,213	FALSE
-0,051	0,285	-0,002	0,015	0,055	FALSE
0,053	0,296	0,003	0,012	0,081	FALSE
-0,216	0,281	-0,006	0,009	0,286	FALSE
-0,094	0,289	-0,004	0,012	0,117	FALSE
-0,171	0,284	-0,006	0,011	0,236	FALSE
0,103	0,283	0,003	0,014	0,080	FALSE
-0,250	0,273	-0,010	0,014	0,333	FALSE
0,125	0,286	0,005	0,009	0,205	FALSE
-0,222	0,263	-0,015	0,017	0,420	FALSE
-0,077	0,288	-0,003	0,014	0,071	FALSE
-0,012	0,291	0,002	0,015	0,037	FALSE
0,036	0,278	0,004	0,017	0,089	FALSE
0,095	0,285	0,005	0,013	0,147	FALSE
0,113	0,274	0,005	0,012	0,151	FALSE
0,061	0,288	0,003	0,014	0,092	FALSE
0,054	0,274	0,002	0,013	0,061	FALSE
0,016	0,285	0,001	0,011	0,033	FALSE
0,030	0,285	0,001	0,010	0,027	FALSE
0,060	0,273	0,002	0,012	0,080	FALSE
0,036	0,277	0,002	0,012	0,064	FALSE
0,095	0,281	0,003	0,011	0,118	FALSE
0,045	0,287	0,002	0,011	0,072	FALSE
0,054	0,290	0,002	0,012	0,070	FALSE
-0,004	0,277	0,002	0,017	0,049	FALSE
0,087	0,275	0,007	0,015	0,185	FALSE
0,119	0,276	0,011	0,017	0,284	FALSE
-0,125	0,275	-0,004	0,012	0,118	FALSE
0,050	0,269	0,003	0,010	0,099	FALSE
-0,135	0,282	-0,004	0,012	0,128	FALSE
0,046	0,284	0,001	0,016	0,019	FALSE
0,006	0,287	0,000	0,011	0,013	FALSE
0,050	0,295	0,001	0,017	0,014	FALSE
-0,073	0,297	-0,004	0,018	0,081	FALSE
-0,173	0,283	-0,005	0,009	0,244	FALSE
-0,191	0,283	-0,006	0,010	0,263	FALSE

-0,080	0,282	-0,004	0,017	0,081	FALSE
-0,089	0,292	-0,006	0,016	0,134	FALSE
-0,037	0,292	-0,001	0,017	0,025	FALSE
-0,089	0,291	-0,003	0,012	0,113	FALSE
-0,122	0,287	-0,004	0,010	0,183	FALSE
-0,013	0,295	0,000	0,012	0,013	FALSE
-0,013	0,303	-0,001	0,013	0,023	FALSE
-0,010	0,297	0,000	0,013	0,006	FALSE
-0,001	0,293	0,000	0,013	0,006	FALSE
-0,089	0,278	-0,007	0,016	0,181	FALSE
-0,042	0,286	-0,004	0,018	0,093	FALSE
0,192	0,272	0,010	0,016	0,287	FALSE
0,195	0,260	0,010	0,015	0,303	FALSE
0,255	0,275	0,010	0,013	0,368	FALSE
0,145	0,275	0,006	0,012	0,206	FALSE
0,133	0,274	0,005	0,015	0,129	FALSE
0,024	0,270	0,004	0,013	0,110	FALSE
0,033	0,272	0,001	0,013	0,038	FALSE
0,001	0,284	0,000	0,014	0,006	FALSE
0,000	0,284	0,000	0,014	0,003	FALSE
-0,102	0,301	-0,003	0,009	0,121	FALSE
-0,101	0,287	-0,005	0,015	0,121	FALSE
0,034	0,284	0,001	0,013	0,024	FALSE
-0,051	0,278	-0,004	0,013	0,112	FALSE
0,015	0,272	0,000	0,013	0,004	FALSE
0,006	0,291	0,000	0,014	0,008	FALSE
-0,167	0,271	-0,005	0,010	0,208	FALSE
0,083	0,251	0,005	0,016	0,125	FALSE
0,109	0,270	0,006	0,017	0,143	FALSE
0,048	0,261	0,003	0,017	0,061	FALSE
0,184	0,275	0,011	0,016	0,310	FALSE
0,339	0,253	0,015	0,013	0,604	FALSE
0,233	0,276	0,012	0,016	0,329	FALSE
-0,096	0,295	-0,002	0,010	0,075	FALSE
0,148	0,276	0,003	0,010	0,110	FALSE
-0,154	0,278	-0,007	0,016	0,165	FALSE
-0,078	0,266	-0,001	0,009	0,056	FALSE
-0,115	0,278	-0,002	0,009	0,070	FALSE
-0,155	0,295	-0,003	0,010	0,125	FALSE
-0,138	0,287	-0,009	0,017	0,211	FALSE
-0,045	0,288	0,000	0,009	0,007	FALSE
-0,169	0,291	-0,009	0,018	0,214	FALSE
-0,098	0,285	-0,003	0,012	0,113	FALSE
0,071	0,295	0,002	0,010	0,058	FALSE
-0,048	0,286	-0,004	0,017	0,085	FALSE
-0,005	0,291	0,000	0,010	0,001	FALSE
0,058	0,273	0,001	0,009	0,041	FALSE
-0,172	0,278	-0,005	0,012	0,185	FALSE
-0,096	0,283	-0,002	0,017	0,052	FALSE
-0,008	0,262	0,000	0,013	0,007	FALSE
-0,012	0,294	0,000	0,009	0,013	FALSE
0,143	0,284	0,007	0,015	0,197	FALSE
-0,196	0,287	-0,010	0,017	0,272	FALSE

0,129	0,283	0,004	0,017	0,094	FALSE
0,048	0,288	0,001	0,011	0,034	FALSE
0,115	0,271	0,004	0,011	0,127	FALSE
0,009	0,282	0,002	0,014	0,053	FALSE
-0,155	0,289	-0,006	0,011	0,224	FALSE
0,051	0,297	0,002	0,013	0,049	FALSE
0,103	0,289	0,007	0,015	0,177	FALSE
0,067	0,285	0,004	0,012	0,126	FALSE
-0,137	0,281	-0,009	0,017	0,221	FALSE
0,037	0,280	0,001	0,017	0,023	FALSE
0,062	0,293	0,003	0,017	0,067	FALSE
0,009	0,292	0,001	0,016	0,021	FALSE
0,029	0,288	0,000	0,014	0,001	FALSE
0,128	0,277	0,004	0,014	0,124	FALSE
0,063	0,272	0,005	0,017	0,119	FALSE
0,071	0,293	0,004	0,011	0,138	FALSE
0,040	0,257	0,004	0,015	0,088	FALSE
0,218	0,280	0,011	0,017	0,274	FALSE
-0,182	0,283	-0,006	0,013	0,196	FALSE
-0,161	0,281	-0,005	0,014	0,133	FALSE
0,027	0,302	0,001	0,009	0,041	FALSE
-0,147	0,286	-0,007	0,017	0,157	FALSE
-0,030	0,279	-0,002	0,014	0,059	FALSE
-0,034	0,289	0,000	0,011	0,004	FALSE
-0,019	0,278	0,000	0,011	0,001	FALSE
-0,021	0,275	0,000	0,010	0,004	FALSE
-0,100	0,286	-0,003	0,011	0,103	FALSE
0,067	0,275	0,001	0,009	0,052	FALSE
0,093	0,272	0,003	0,016	0,064	FALSE
-0,215	0,272	-0,010	0,013	0,332	FALSE
-0,148	0,289	-0,003	0,009	0,128	FALSE
0,035	0,266	0,001	0,011	0,018	FALSE
-0,062	0,289	-0,003	0,014	0,073	FALSE
-0,037	0,287	-0,001	0,013	0,039	FALSE
-0,046	0,284	-0,001	0,014	0,038	FALSE
-0,022	0,302	-0,001	0,013	0,021	FALSE
-0,135	0,281	-0,004	0,009	0,180	FALSE
-0,009	0,291	0,000	0,013	0,001	FALSE
0,033	0,273	0,000	0,013	0,005	FALSE
0,105	0,274	0,003	0,010	0,098	FALSE
-0,052	0,282	-0,001	0,012	0,044	FALSE
0,122	0,296	0,004	0,009	0,190	FALSE
-0,022	0,263	0,001	0,015	0,024	FALSE
-0,054	0,282	-0,001	0,016	0,025	FALSE
0,041	0,275	0,000	0,014	0,010	FALSE
0,138	0,286	0,006	0,017	0,138	FALSE
0,077	0,271	0,003	0,010	0,118	FALSE
-0,011	0,282	-0,001	0,014	0,030	FALSE
-0,069	0,285	-0,002	0,009	0,083	FALSE
0,026	0,268	0,001	0,012	0,022	FALSE
0,025	0,300	-0,001	0,017	0,013	FALSE
-0,038	0,282	-0,002	0,010	0,059	FALSE
-0,110	0,288	-0,003	0,010	0,123	FALSE

0,151	0,294	0,007	0,017	0,180	FALSE
0,015	0,293	-0,001	0,010	0,028	FALSE
0,116	0,274	0,007	0,018	0,160	FALSE
-0,016	0,276	-0,001	0,015	0,033	FALSE
0,163	0,264	0,004	0,009	0,175	FALSE
0,228	0,279	0,008	0,012	0,336	FALSE
0,062	0,291	0,004	0,016	0,089	FALSE
0,071	0,282	0,000	0,010	0,011	FALSE
0,039	0,311	0,002	0,010	0,081	FALSE
0,141	0,285	0,006	0,017	0,147	FALSE
0,041	0,278	0,002	0,017	0,043	FALSE
-0,107	0,301	-0,002	0,009	0,111	FALSE
0,121	0,278	0,002	0,010	0,067	FALSE
0,131	0,286	0,009	0,016	0,248	FALSE
0,126	0,273	0,005	0,010	0,197	FALSE
-0,025	0,284	-0,002	0,009	0,077	FALSE
0,088	0,282	0,002	0,010	0,088	FALSE
0,010	0,278	0,000	0,017	0,008	FALSE
-0,056	0,285	-0,004	0,016	0,094	FALSE
-0,079	0,276	-0,005	0,016	0,137	FALSE
0,017	0,285	-0,001	0,012	0,020	FALSE
0,079	0,273	0,001	0,011	0,037	FALSE
-0,048	0,293	-0,004	0,013	0,122	FALSE
0,133	0,260	0,005	0,015	0,128	FALSE
-0,005	0,281	-0,002	0,016	0,052	FALSE
-0,125	0,298	-0,005	0,012	0,157	FALSE
-0,027	0,286	-0,002	0,010	0,057	FALSE
-0,244	0,272	-0,013	0,017	0,374	FALSE
0,093	0,283	0,004	0,009	0,166	FALSE
0,051	0,277	0,000	0,009	0,006	FALSE
-0,054	0,290	-0,004	0,014	0,106	FALSE
-0,154	0,288	-0,007	0,016	0,188	FALSE
-0,156	0,292	-0,003	0,010	0,118	FALSE
-0,088	0,290	-0,003	0,010	0,110	FALSE
-0,111	0,281	-0,004	0,009	0,187	FALSE
0,091	0,301	0,005	0,013	0,154	FALSE
0,065	0,279	0,003	0,012	0,105	FALSE
0,108	0,279	0,008	0,014	0,225	FALSE
0,063	0,286	0,005	0,015	0,120	FALSE
-0,032	0,279	0,000	0,017	0,010	FALSE
-0,047	0,270	-0,002	0,015	0,039	FALSE
-0,214	0,280	-0,009	0,012	0,318	FALSE
-0,039	0,271	-0,003	0,009	0,103	FALSE
-0,015	0,294	0,000	0,012	0,007	FALSE
-0,021	0,283	-0,001	0,012	0,022	FALSE
-0,110	0,270	-0,003	0,012	0,100	FALSE
-0,022	0,272	0,002	0,012	0,055	FALSE
-0,009	0,279	0,000	0,012	0,001	FALSE
-0,078	0,281	-0,004	0,016	0,101	FALSE
-0,068	0,266	-0,002	0,018	0,048	FALSE
0,010	0,281	0,002	0,012	0,056	FALSE
0,084	0,271	0,003	0,011	0,090	FALSE
-0,095	0,297	-0,002	0,009	0,081	FALSE

-0,073	0,297	-0,001	0,009	0,064	FALSE
0,061	0,271	0,002	0,010	0,079	FALSE
0,071	0,276	0,002	0,010	0,091	FALSE
0,067	0,279	0,002	0,010	0,085	FALSE
0,165	0,275	0,008	0,016	0,205	FALSE
-0,023	0,293	0,000	0,017	0,003	FALSE
0,123	0,278	0,003	0,010	0,121	FALSE
-0,091	0,286	-0,003	0,015	0,071	FALSE
-0,138	0,274	-0,010	0,017	0,264	FALSE
-0,111	0,288	-0,004	0,012	0,142	FALSE
-0,191	0,283	-0,011	0,015	0,337	FALSE
-0,235	0,290	-0,007	0,012	0,281	FALSE
-0,045	0,277	-0,001	0,015	0,029	FALSE
0,038	0,279	0,002	0,015	0,060	FALSE
-0,058	0,288	-0,001	0,012	0,043	FALSE
-0,046	0,259	-0,002	0,012	0,067	FALSE
-0,133	0,289	-0,005	0,011	0,200	FALSE
-0,078	0,274	-0,003	0,016	0,071	FALSE
-0,110	0,288	-0,004	0,017	0,103	FALSE
-0,114	0,304	-0,004	0,012	0,130	FALSE
-0,089	0,269	-0,001	0,010	0,034	FALSE
-0,080	0,282	-0,003	0,012	0,087	FALSE
-0,109	0,278	-0,004	0,011	0,139	FALSE
-0,016	0,285	0,000	0,016	0,004	FALSE
-0,055	0,285	-0,002	0,011	0,084	FALSE
0,094	0,298	0,006	0,018	0,134	FALSE
0,062	0,272	0,002	0,012	0,046	FALSE
0,047	0,277	0,002	0,009	0,101	FALSE
0,107	0,293	0,004	0,010	0,141	FALSE
-0,092	0,289	-0,001	0,009	0,042	FALSE
0,081	0,269	0,003	0,015	0,068	FALSE
-0,009	0,280	-0,001	0,013	0,038	FALSE
-0,045	0,282	-0,001	0,013	0,015	FALSE
0,162	0,268	0,009	0,016	0,260	FALSE
0,050	0,277	0,001	0,011	0,030	FALSE
-0,143	0,294	-0,008	0,016	0,220	FALSE
0,020	0,278	-0,001	0,016	0,019	FALSE
0,051	0,287	0,003	0,012	0,098	FALSE
-0,074	0,282	-0,001	0,015	0,021	FALSE
-0,161	0,284	-0,005	0,011	0,169	FALSE
0,075	0,280	0,003	0,010	0,113	FALSE
-0,018	0,277	-0,002	0,016	0,049	FALSE
-0,167	0,270	-0,007	0,012	0,242	FALSE
-0,027	0,273	-0,002	0,015	0,051	FALSE
0,090	0,289	0,006	0,016	0,159	FALSE
-0,215	0,284	-0,013	0,018	0,349	FALSE
-0,206	0,287	-0,008	0,011	0,322	FALSE
0,087	0,292	0,003	0,010	0,095	FALSE
0,017	0,297	-0,001	0,016	0,019	FALSE
-0,204	0,271	-0,009	0,014	0,267	FALSE
0,024	0,296	0,003	0,009	0,118	FALSE
0,149	0,268	0,007	0,014	0,195	FALSE
-0,014	0,271	0,000	0,017	0,002	FALSE

0,037	0,285	0,001	0,012	0,034	FALSE
-0,089	0,290	-0,004	0,010	0,154	FALSE
-0,168	0,273	-0,006	0,010	0,241	FALSE
-0,085	0,280	-0,007	0,017	0,164	FALSE
-0,034	0,289	-0,003	0,013	0,073	FALSE
0,036	0,274	0,000	0,009	0,014	FALSE
0,024	0,270	0,000	0,010	0,017	FALSE
-0,203	0,275	-0,010	0,016	0,284	FALSE
-0,094	0,272	-0,002	0,010	0,065	FALSE
-0,025	0,287	-0,001	0,009	0,034	FALSE
-0,096	0,265	-0,004	0,016	0,089	FALSE
0,127	0,279	0,008	0,017	0,180	FALSE
-0,023	0,287	0,000	0,014	0,001	FALSE
-0,022	0,275	-0,003	0,010	0,125	FALSE
-0,040	0,298	-0,001	0,012	0,030	FALSE
-0,050	0,299	-0,001	0,010	0,036	FALSE
-0,021	0,294	-0,001	0,011	0,047	FALSE
0,050	0,278	0,001	0,013	0,027	FALSE
-0,022	0,291	-0,002	0,018	0,033	FALSE
0,026	0,298	0,001	0,015	0,012	FALSE
0,036	0,290	0,001	0,014	0,023	FALSE
-0,042	0,287	-0,001	0,010	0,044	FALSE
0,051	0,270	0,002	0,010	0,065	FALSE
0,053	0,288	0,002	0,012	0,077	FALSE
0,154	0,280	0,005	0,015	0,122	FALSE
0,054	0,282	0,001	0,009	0,062	FALSE
-0,104	0,277	-0,003	0,016	0,075	FALSE
-0,156	0,279	-0,005	0,012	0,183	FALSE
0,023	0,272	0,003	0,014	0,093	FALSE
0,102	0,285	0,006	0,018	0,147	FALSE
-0,153	0,282	-0,008	0,015	0,208	FALSE
-0,255	0,273	-0,012	0,014	0,396	FALSE
-0,027	0,286	-0,001	0,010	0,031	FALSE
0,006	0,278	-0,001	0,016	0,029	FALSE
-0,169	0,279	-0,007	0,011	0,270	FALSE
-0,037	0,277	-0,001	0,009	0,057	FALSE
-0,094	0,273	-0,006	0,016	0,150	FALSE
-0,057	0,292	-0,004	0,016	0,094	FALSE
-0,047	0,280	-0,004	0,016	0,089	FALSE
-0,063	0,283	-0,003	0,010	0,118	FALSE
-0,030	0,265	0,001	0,015	0,034	FALSE
-0,073	0,264	-0,001	0,015	0,020	FALSE
0,048	0,284	0,005	0,016	0,126	FALSE
0,068	0,282	0,004	0,017	0,092	FALSE
-0,130	0,266	-0,003	0,010	0,132	FALSE
-0,043	0,267	0,000	0,016	0,004	FALSE
0,203	0,273	0,007	0,011	0,280	FALSE
-0,001	0,288	0,000	0,014	0,008	FALSE
0,075	0,298	0,003	0,017	0,069	FALSE
-0,077	0,294	-0,002	0,010	0,070	FALSE
0,076	0,283	0,003	0,010	0,106	FALSE
0,050	0,285	0,004	0,016	0,099	FALSE
0,088	0,284	0,004	0,008	0,197	FALSE

0,093	0,268	0,005	0,008	0,234	FALSE
0,129	0,290	0,004	0,009	0,167	FALSE
-0,048	0,272	-0,002	0,009	0,096	FALSE
0,098	0,261	0,003	0,013	0,099	FALSE
-0,011	0,297	-0,001	0,016	0,015	FALSE
0,017	0,282	0,000	0,011	0,008	FALSE
-0,182	0,270	-0,005	0,009	0,215	FALSE
0,094	0,285	0,003	0,010	0,129	FALSE
0,030	0,292	0,001	0,010	0,031	FALSE
-0,075	0,299	-0,001	0,010	0,056	FALSE
-0,048	0,271	-0,002	0,009	0,081	FALSE
-0,063	0,282	-0,002	0,014	0,064	FALSE
-0,133	0,288	-0,003	0,009	0,121	FALSE
0,150	0,283	0,008	0,016	0,207	FALSE
-0,196	0,270	-0,010	0,014	0,337	FALSE
0,146	0,269	0,005	0,012	0,160	FALSE
0,100	0,291	0,004	0,015	0,088	FALSE
0,090	0,284	0,003	0,009	0,139	FALSE
0,095	0,280	0,002	0,015	0,060	FALSE
0,055	0,271	0,000	0,015	0,009	FALSE
0,122	0,286	0,004	0,010	0,132	FALSE
-0,040	0,282	-0,004	0,018	0,074	FALSE
0,141	0,285	0,005	0,012	0,158	FALSE
-0,147	0,279	-0,004	0,009	0,180	FALSE
-0,099	0,282	-0,002	0,009	0,083	FALSE
-0,034	0,300	-0,001	0,013	0,041	FALSE
0,091	0,289	0,006	0,015	0,162	FALSE
-0,050	0,282	-0,002	0,010	0,067	FALSE
0,122	0,282	0,007	0,017	0,168	FALSE
-0,040	0,278	-0,002	0,011	0,061	FALSE
-0,005	0,278	0,000	0,010	0,013	FALSE
-0,116	0,292	-0,003	0,010	0,124	FALSE
-0,098	0,280	-0,001	0,008	0,060	FALSE
0,095	0,279	0,004	0,017	0,076	FALSE
-0,007	0,282	0,000	0,017	0,006	FALSE
-0,042	0,292	-0,002	0,018	0,047	FALSE
0,119	0,278	0,006	0,012	0,200	FALSE
0,129	0,288	0,008	0,017	0,180	FALSE
0,056	0,275	0,002	0,014	0,051	FALSE
-0,050	0,285	-0,004	0,011	0,146	FALSE
-0,026	0,281	0,000	0,013	0,006	FALSE
-0,043	0,285	-0,002	0,012	0,057	FALSE
-0,057	0,291	-0,002	0,012	0,072	FALSE
-0,016	0,284	0,000	0,009	0,010	FALSE
0,001	0,270	-0,001	0,012	0,021	FALSE
-0,136	0,290	-0,003	0,009	0,146	FALSE
0,074	0,266	0,005	0,014	0,128	FALSE
0,138	0,278	0,005	0,016	0,133	FALSE
0,170	0,279	0,006	0,015	0,164	FALSE
0,087	0,275	0,003	0,009	0,164	FALSE
0,000	0,283	-0,003	0,017	0,057	FALSE
0,196	0,278	0,006	0,009	0,290	FALSE
-0,084	0,294	-0,005	0,018	0,106	FALSE

0,033	0,284	0,000	0,017	0,005	FALSE
0,008	0,287	-0,001	0,016	0,017	FALSE
0,090	0,278	0,002	0,015	0,047	FALSE
-0,007	0,282	-0,002	0,017	0,041	FALSE
-0,008	0,294	-0,002	0,018	0,032	FALSE
0,242	0,266	0,007	0,009	0,371	FALSE
-0,042	0,281	-0,002	0,013	0,049	FALSE
0,078	0,286	0,001	0,016	0,029	FALSE
-0,087	0,278	-0,001	0,010	0,058	FALSE
0,161	0,286	0,004	0,009	0,197	FALSE
-0,014	0,291	-0,001	0,018	0,027	FALSE
-0,006	0,292	-0,001	0,014	0,013	FALSE
-0,153	0,261	-0,008	0,014	0,236	FALSE
0,068	0,283	0,003	0,011	0,097	FALSE
0,097	0,279	0,004	0,009	0,165	FALSE
0,059	0,287	0,002	0,011	0,066	FALSE
-0,036	0,287	0,001	0,010	0,022	FALSE
-0,138	0,273	-0,007	0,016	0,186	FALSE
-0,045	0,292	0,000	0,010	0,017	FALSE
-0,068	0,286	-0,006	0,017	0,138	FALSE
-0,125	0,267	-0,005	0,012	0,163	FALSE
0,024	0,299	0,002	0,015	0,044	FALSE
0,041	0,279	0,006	0,017	0,131	FALSE
0,059	0,284	0,005	0,016	0,106	FALSE
0,169	0,273	0,009	0,014	0,298	FALSE
0,079	0,283	0,004	0,011	0,124	FALSE
0,013	0,293	0,001	0,013	0,030	FALSE
0,064	0,286	0,003	0,018	0,067	FALSE
-0,060	0,280	-0,004	0,013	0,108	FALSE
0,035	0,286	0,001	0,010	0,031	FALSE
-0,084	0,281	-0,002	0,015	0,049	FALSE
-0,031	0,281	-0,004	0,011	0,121	FALSE
0,055	0,270	0,001	0,016	0,017	FALSE
0,088	0,291	0,001	0,009	0,060	FALSE
0,018	0,291	0,001	0,009	0,053	FALSE
-0,016	0,285	-0,002	0,012	0,056	FALSE
-0,135	0,275	-0,007	0,011	0,298	FALSE
0,197	0,274	0,006	0,012	0,216	FALSE
0,051	0,290	0,001	0,013	0,015	FALSE
-0,038	0,298	0,000	0,012	0,012	FALSE
0,095	0,288	0,002	0,011	0,059	FALSE
-0,061	0,270	-0,007	0,016	0,179	FALSE
-0,164	0,291	-0,009	0,018	0,224	FALSE
0,139	0,276	0,008	0,016	0,202	FALSE
-0,047	0,286	-0,002	0,013	0,051	FALSE
0,046	0,298	0,001	0,012	0,027	FALSE
0,125	0,288	0,002	0,010	0,088	FALSE
0,065	0,274	0,003	0,011	0,110	FALSE
-0,077	0,286	-0,003	0,010	0,103	FALSE
0,103	0,288	0,004	0,013	0,112	FALSE
-0,145	0,275	-0,008	0,014	0,257	FALSE
-0,019	0,269	0,000	0,017	0,003	FALSE
-0,072	0,278	-0,003	0,010	0,111	FALSE

0,116	0,280	0,003	0,010	0,119	FALSE
-0,222	0,275	-0,005	0,008	0,264	FALSE
-0,043	0,284	-0,004	0,017	0,092	FALSE
-0,171	0,283	-0,009	0,015	0,262	FALSE
0,098	0,276	0,006	0,012	0,191	FALSE
-0,010	0,291	0,000	0,009	0,009	FALSE
0,024	0,271	0,002	0,014	0,041	FALSE
-0,155	0,278	-0,009	0,014	0,300	FALSE
-0,207	0,270	-0,014	0,016	0,406	FALSE
-0,007	0,279	0,001	0,010	0,035	FALSE
-0,205	0,274	-0,006	0,009	0,290	FALSE
-0,155	0,279	-0,007	0,014	0,221	FALSE
-0,074	0,283	-0,002	0,010	0,072	FALSE
-0,051	0,276	-0,001	0,014	0,037	FALSE
-0,073	0,289	-0,005	0,011	0,161	FALSE
0,062	0,282	0,003	0,011	0,092	FALSE
-0,023	0,301	-0,001	0,018	0,011	FALSE
-0,011	0,286	0,000	0,018	0,000	FALSE
-0,098	0,275	-0,005	0,015	0,116	FALSE
-0,079	0,285	-0,003	0,013	0,075	FALSE
0,017	0,287	0,001	0,014	0,017	FALSE
-0,168	0,279	-0,007	0,011	0,253	FALSE
-0,106	0,278	-0,004	0,012	0,111	FALSE
0,031	0,283	0,004	0,018	0,075	FALSE
-0,049	0,292	0,000	0,009	0,009	FALSE
-0,174	0,291	-0,005	0,011	0,188	FALSE
0,030	0,292	0,001	0,011	0,040	FALSE
0,138	0,278	0,005	0,012	0,188	FALSE
0,100	0,286	0,004	0,012	0,135	FALSE
0,008	0,290	0,001	0,009	0,051	FALSE
-0,135	0,284	-0,003	0,010	0,118	FALSE
-0,032	0,277	0,000	0,009	0,008	FALSE
-0,205	0,277	-0,006	0,011	0,243	FALSE
-0,202	0,286	-0,011	0,018	0,265	FALSE
-0,057	0,294	-0,002	0,017	0,046	FALSE
-0,134	0,289	-0,004	0,010	0,156	FALSE
0,054	0,290	0,002	0,012	0,069	FALSE
0,042	0,291	0,002	0,012	0,065	FALSE
-0,028	0,282	-0,002	0,009	0,102	FALSE
-0,002	0,284	-0,002	0,009	0,082	FALSE
0,066	0,285	0,002	0,010	0,086	FALSE
-0,092	0,298	-0,002	0,010	0,069	FALSE
0,024	0,296	0,002	0,014	0,041	FALSE
0,136	0,272	0,004	0,016	0,086	FALSE
-0,190	0,275	-0,006	0,010	0,247	FALSE
-0,047	0,285	-0,001	0,011	0,048	FALSE
-0,060	0,273	-0,007	0,017	0,171	FALSE
-0,063	0,287	-0,001	0,009	0,047	FALSE
0,099	0,268	0,006	0,012	0,200	FALSE
0,023	0,280	0,000	0,011	0,009	FALSE
0,144	0,278	0,008	0,017	0,204	FALSE
0,083	0,272	0,004	0,012	0,151	FALSE
0,061	0,283	0,005	0,016	0,120	FALSE

-0,118	0,275	-0,003	0,015	0,078	FALSE
0,268	0,278	0,011	0,011	0,456	FALSE
-0,211	0,280	-0,010	0,018	0,230	FALSE
0,147	0,275	0,005	0,018	0,109	FALSE
0,161	0,265	0,006	0,017	0,149	FALSE
-0,047	0,296	-0,001	0,009	0,053	FALSE
-0,138	0,293	-0,003	0,013	0,098	FALSE
-0,001	0,281	0,000	0,012	0,004	FALSE
0,127	0,286	0,005	0,010	0,188	FALSE
-0,173	0,273	-0,005	0,011	0,195	FALSE
0,076	0,277	0,003	0,013	0,103	FALSE
0,055	0,295	0,003	0,009	0,117	FALSE
0,093	0,283	0,003	0,009	0,132	FALSE
-0,005	0,288	0,001	0,013	0,031	FALSE
0,126	0,283	0,005	0,013	0,161	FALSE
0,028	0,293	0,001	0,015	0,028	FALSE
0,164	0,281	0,007	0,014	0,228	FALSE
0,065	0,288	0,003	0,010	0,122	FALSE
0,042	0,284	0,002	0,009	0,102	FALSE
0,060	0,292	0,003	0,009	0,104	FALSE
0,087	0,284	0,004	0,010	0,150	FALSE
0,004	0,281	0,000	0,010	0,008	FALSE
0,018	0,274	0,001	0,010	0,020	FALSE
-0,030	0,299	0,001	0,015	0,028	FALSE
0,109	0,297	0,005	0,012	0,187	FALSE
-0,131	0,279	-0,005	0,011	0,191	FALSE
-0,157	0,289	-0,005	0,012	0,186	FALSE
-0,149	0,271	-0,009	0,015	0,248	FALSE
-0,104	0,280	-0,006	0,015	0,179	TRUE
-0,157	0,273	-0,009	0,015	0,254	FALSE
-0,052	0,293	0,000	0,009	0,004	FALSE
0,028	0,266	0,000	0,016	0,007	FALSE
-0,061	0,280	-0,003	0,012	0,092	FALSE
0,112	0,271	0,004	0,009	0,182	FALSE
0,055	0,276	0,002	0,012	0,063	FALSE
0,072	0,292	0,002	0,012	0,081	FALSE
-0,186	0,281	-0,008	0,016	0,210	FALSE
0,030	0,294	0,001	0,013	0,024	FALSE
0,107	0,290	0,005	0,011	0,172	FALSE
-0,083	0,288	-0,004	0,016	0,103	FALSE
-0,227	0,280	-0,012	0,016	0,323	FALSE
0,111	0,281	0,004	0,009	0,163	FALSE
-0,046	0,290	-0,001	0,012	0,021	FALSE
0,013	0,289	0,001	0,011	0,017	FALSE
0,087	0,274	0,003	0,012	0,104	FALSE
0,116	0,280	0,005	0,012	0,189	FALSE
0,099	0,282	0,003	0,008	0,155	FALSE
-0,035	0,267	-0,001	0,008	0,034	FALSE
-0,083	0,280	-0,007	0,016	0,169	FALSE
-0,032	0,285	-0,001	0,010	0,053	FALSE
-0,086	0,275	-0,003	0,009	0,147	FALSE
0,073	0,284	0,004	0,016	0,084	FALSE
-0,122	0,272	-0,006	0,016	0,155	FALSE

-0,185	0,279	-0,009	0,014	0,286	FALSE
-0,091	0,282	-0,006	0,017	0,145	FALSE
-0,062	0,296	-0,001	0,009	0,032	FALSE
-0,022	0,287	-0,001	0,012	0,034	FALSE
0,068	0,269	0,006	0,017	0,144	FALSE
0,091	0,261	0,004	0,013	0,116	FALSE
0,083	0,281	0,003	0,017	0,060	FALSE
-0,102	0,294	-0,004	0,010	0,146	FALSE
-0,168	0,286	-0,004	0,009	0,182	FALSE
0,014	0,277	0,003	0,016	0,064	FALSE
-0,087	0,268	-0,001	0,018	0,012	FALSE
0,126	0,261	0,002	0,009	0,083	FALSE
0,044	0,277	-0,001	0,018	0,018	FALSE
-0,139	0,274	-0,003	0,009	0,134	FALSE
0,102	0,281	0,004	0,012	0,126	FALSE
-0,025	0,266	0,000	0,013	0,006	FALSE
-0,061	0,267	-0,001	0,013	0,024	FALSE
0,124	0,270	0,007	0,013	0,242	FALSE
-0,055	0,267	-0,001	0,013	0,020	FALSE
-0,052	0,295	-0,002	0,015	0,045	FALSE
-0,134	0,272	-0,003	0,009	0,146	FALSE
-0,048	0,289	-0,003	0,017	0,056	FALSE
-0,014	0,284	0,001	0,014	0,036	FALSE
0,135	0,272	0,002	0,011	0,082	FALSE
-0,069	0,289	-0,001	0,009	0,054	FALSE
0,344	0,252	0,018	0,015	0,665	FALSE
0,173	0,295	0,007	0,015	0,200	FALSE
0,064	0,290	0,003	0,018	0,061	FALSE
0,136	0,276	0,004	0,011	0,143	FALSE
0,162	0,279	0,008	0,014	0,252	FALSE
0,002	0,297	-0,001	0,009	0,026	FALSE
0,004	0,289	0,003	0,018	0,059	FALSE
0,151	0,286	0,005	0,011	0,181	FALSE
0,016	0,278	0,000	0,010	0,002	FALSE
0,194	0,284	0,006	0,010	0,278	FALSE
-0,143	0,294	-0,004	0,009	0,151	FALSE
-0,126	0,278	-0,003	0,009	0,131	FALSE
0,085	0,293	0,002	0,009	0,090	FALSE
0,016	0,291	0,001	0,012	0,020	FALSE
-0,085	0,276	-0,003	0,011	0,122	FALSE
0,168	0,283	0,005	0,009	0,251	FALSE
-0,215	0,286	-0,007	0,011	0,297	FALSE
-0,170	0,279	-0,011	0,017	0,282	FALSE
-0,012	0,302	-0,002	0,011	0,067	FALSE
0,060	0,278	0,004	0,017	0,092	FALSE
-0,109	0,269	-0,006	0,016	0,140	FALSE
0,119	0,292	0,002	0,010	0,100	FALSE
0,038	0,294	0,001	0,009	0,024	FALSE
0,028	0,283	0,003	0,015	0,085	FALSE
0,126	0,270	0,005	0,013	0,145	FALSE
-0,078	0,282	-0,003	0,017	0,066	FALSE
-0,014	0,290	-0,002	0,011	0,073	FALSE
0,045	0,266	-0,001	0,012	0,030	FALSE

-0,168	0,278	-0,005	0,011	0,205	FALSE
-0,176	0,271	-0,008	0,012	0,288	FALSE
-0,186	0,287	-0,008	0,013	0,275	FALSE
-0,200	0,284	-0,009	0,013	0,303	FALSE
-0,026	0,296	0,000	0,015	0,010	FALSE
0,085	0,269	0,002	0,011	0,063	FALSE
-0,077	0,285	-0,002	0,015	0,059	FALSE
0,080	0,283	0,003	0,010	0,126	FALSE
-0,227	0,266	-0,012	0,014	0,395	FALSE
-0,103	0,283	-0,006	0,016	0,162	FALSE
-0,164	0,291	-0,009	0,018	0,207	FALSE
-0,093	0,290	-0,002	0,009	0,107	FALSE
-0,063	0,287	-0,003	0,015	0,072	FALSE
0,152	0,300	0,006	0,016	0,159	FALSE
-0,084	0,285	-0,001	0,009	0,056	FALSE
-0,040	0,284	-0,003	0,017	0,068	FALSE
0,029	0,282	0,001	0,012	0,030	FALSE
0,105	0,277	0,002	0,014	0,061	FALSE
-0,238	0,271	-0,007	0,009	0,326	FALSE
0,048	0,283	0,001	0,010	0,038	FALSE
-0,178	0,284	-0,004	0,009	0,187	FALSE
-0,001	0,274	-0,002	0,010	0,090	FALSE
-0,071	0,280	-0,003	0,010	0,115	FALSE
-0,012	0,286	0,000	0,010	0,009	FALSE
-0,049	0,288	-0,001	0,014	0,018	FALSE
0,010	0,293	0,002	0,009	0,069	FALSE
-0,020	0,287	-0,001	0,016	0,030	FALSE
0,065	0,286	0,003	0,011	0,123	FALSE
-0,056	0,284	-0,003	0,016	0,060	FALSE
0,149	0,285	0,007	0,017	0,165	FALSE
-0,112	0,287	-0,006	0,017	0,144	FALSE
0,045	0,289	0,003	0,017	0,067	FALSE
-0,039	0,288	-0,003	0,011	0,096	FALSE
0,009	0,269	0,001	0,016	0,025	FALSE
0,202	0,260	0,010	0,013	0,341	FALSE
-0,023	0,280	-0,002	0,018	0,050	FALSE
0,128	0,266	0,006	0,013	0,213	FALSE
0,059	0,291	0,001	0,014	0,013	FALSE
0,119	0,285	0,007	0,017	0,150	FALSE
0,125	0,278	0,007	0,017	0,158	FALSE
0,163	0,281	0,008	0,014	0,263	FALSE
0,077	0,281	0,001	0,012	0,038	FALSE
-0,096	0,287	-0,002	0,009	0,077	FALSE
0,095	0,286	0,005	0,011	0,170	FALSE
-0,091	0,288	-0,003	0,012	0,113	FALSE
-0,024	0,290	-0,005	0,017	0,108	FALSE
-0,044	0,282	0,000	0,013	0,001	FALSE
-0,158	0,278	-0,005	0,017	0,114	FALSE
0,077	0,282	0,002	0,009	0,072	FALSE
-0,039	0,293	-0,002	0,012	0,052	FALSE
0,089	0,291	0,001	0,017	0,022	FALSE
-0,087	0,293	-0,003	0,010	0,140	FALSE
-0,233	0,271	-0,009	0,010	0,396	FALSE

-0,016	0,278	0,001	0,010	0,037	FALSE
-0,123	0,288	-0,005	0,016	0,109	FALSE
-0,097	0,295	-0,003	0,014	0,089	FALSE
-0,208	0,282	-0,010	0,016	0,269	FALSE
-0,016	0,292	0,000	0,010	0,007	FALSE
0,035	0,292	0,002	0,009	0,062	FALSE
0,051	0,281	0,001	0,008	0,034	FALSE
0,038	0,279	0,000	0,010	0,016	FALSE
0,038	0,290	0,000	0,010	0,013	FALSE
-0,057	0,286	-0,005	0,018	0,101	FALSE
0,113	0,285	0,006	0,014	0,182	FALSE
0,058	0,292	0,002	0,017	0,053	FALSE
-0,154	0,279	-0,004	0,008	0,216	FALSE
-0,045	0,275	-0,004	0,013	0,131	FALSE
0,241	0,268	0,007	0,010	0,341	FALSE
0,094	0,281	0,005	0,010	0,222	FALSE
0,011	0,289	0,000	0,014	0,001	FALSE
-0,075	0,288	-0,004	0,013	0,110	FALSE
0,084	0,298	0,003	0,016	0,078	FALSE
0,040	0,299	0,002	0,018	0,031	FALSE
-0,142	0,269	-0,006	0,014	0,186	FALSE
-0,106	0,295	-0,002	0,013	0,053	FALSE
0,091	0,284	0,007	0,018	0,147	FALSE
0,135	0,289	0,004	0,011	0,152	FALSE
0,032	0,272	-0,001	0,009	0,024	FALSE
0,133	0,272	0,007	0,016	0,180	FALSE
-0,017	0,291	-0,003	0,017	0,054	FALSE
-0,045	0,285	-0,005	0,017	0,114	FALSE
-0,036	0,293	-0,004	0,017	0,097	FALSE
-0,038	0,282	-0,004	0,017	0,086	FALSE
0,078	0,281	0,001	0,014	0,034	FALSE
-0,097	0,282	-0,002	0,010	0,077	FALSE
-0,007	0,277	0,000	0,010	0,015	FALSE
-0,013	0,282	-0,001	0,010	0,019	FALSE
-0,100	0,269	-0,004	0,010	0,173	FALSE
-0,007	0,289	0,001	0,011	0,022	FALSE
-0,008	0,283	-0,001	0,010	0,031	FALSE
0,071	0,289	0,003	0,010	0,143	FALSE
-0,035	0,272	-0,004	0,017	0,089	FALSE
-0,093	0,286	-0,003	0,010	0,122	FALSE
0,156	0,265	0,003	0,010	0,134	FALSE
-0,144	0,281	-0,004	0,010	0,170	FALSE
0,150	0,271	0,004	0,010	0,177	FALSE
-0,277	0,273	-0,014	0,016	0,435	FALSE
-0,022	0,281	-0,001	0,011	0,031	FALSE
0,020	0,274	0,000	0,016	0,009	FALSE
-0,047	0,282	0,001	0,015	0,026	FALSE
0,133	0,271	0,003	0,009	0,124	FALSE
0,040	0,280	0,001	0,014	0,027	FALSE
-0,095	0,289	-0,001	0,010	0,041	FALSE
0,139	0,267	0,003	0,008	0,153	FALSE
0,264	0,261	0,009	0,012	0,379	FALSE
-0,087	0,283	-0,005	0,016	0,130	FALSE

0,101	0,280	0,003	0,010	0,103	FALSE
-0,092	0,286	-0,002	0,010	0,074	FALSE
-0,142	0,279	-0,007	0,013	0,223	FALSE
0,085	0,281	0,003	0,016	0,066	FALSE
0,023	0,284	0,002	0,017	0,047	FALSE
-0,118	0,285	-0,005	0,013	0,151	FALSE
-0,195	0,280	-0,006	0,010	0,262	FALSE
-0,056	0,283	0,000	0,017	0,009	FALSE
-0,001	0,285	0,001	0,013	0,042	FALSE
-0,005	0,274	0,001	0,012	0,047	FALSE
0,108	0,282	0,007	0,017	0,178	FALSE
-0,188	0,275	-0,007	0,016	0,171	FALSE
-0,059	0,290	-0,002	0,009	0,073	FALSE
0,127	0,271	0,005	0,012	0,168	FALSE
-0,021	0,280	-0,001	0,009	0,035	FALSE
-0,013	0,288	0,000	0,012	0,013	FALSE
-0,075	0,282	-0,002	0,015	0,044	FALSE
-0,023	0,293	-0,003	0,015	0,068	FALSE
-0,053	0,285	-0,004	0,014	0,123	FALSE
-0,071	0,277	-0,005	0,013	0,152	FALSE
-0,089	0,282	-0,006	0,013	0,189	FALSE
-0,069	0,293	-0,005	0,015	0,140	FALSE
-0,034	0,281	-0,003	0,014	0,085	FALSE
-0,056	0,293	-0,005	0,016	0,120	FALSE
-0,046	0,279	-0,005	0,015	0,130	FALSE
0,241	0,266	0,006	0,010	0,298	FALSE
0,143	0,258	0,003	0,010	0,124	FALSE
0,023	0,291	0,003	0,018	0,065	FALSE
-0,123	0,283	-0,005	0,010	0,203	FALSE
0,137	0,264	0,004	0,008	0,195	FALSE
0,088	0,281	0,002	0,009	0,095	FALSE
0,051	0,268	0,002	0,015	0,058	FALSE
0,067	0,285	0,003	0,012	0,107	FALSE
-0,086	0,286	-0,003	0,010	0,107	FALSE
-0,128	0,287	-0,005	0,010	0,214	FALSE
-0,140	0,276	-0,004	0,010	0,176	FALSE
0,045	0,286	0,001	0,010	0,038	FALSE
0,185	0,277	0,008	0,011	0,330	FALSE
-0,088	0,286	-0,004	0,014	0,114	FALSE
-0,180	0,292	-0,005	0,009	0,215	FALSE
-0,043	0,280	-0,003	0,010	0,102	FALSE
0,000	0,282	0,000	0,008	0,013	FALSE
-0,072	0,296	-0,003	0,010	0,124	FALSE
-0,149	0,274	-0,006	0,012	0,213	FALSE
-0,018	0,273	-0,002	0,010	0,084	FALSE
0,025	0,285	0,003	0,010	0,098	FALSE
-0,028	0,287	0,001	0,010	0,023	FALSE
-0,086	0,286	-0,002	0,009	0,063	FALSE
0,249	0,268	0,011	0,016	0,324	FALSE
-0,074	0,305	-0,003	0,015	0,081	FALSE
0,186	0,281	0,004	0,009	0,167	FALSE
-0,110	0,277	-0,002	0,008	0,092	FALSE
-0,042	0,293	-0,001	0,018	0,025	FALSE

0,105	0,297	0,005	0,011	0,184	FALSE
0,184	0,294	0,005	0,009	0,219	FALSE
0,018	0,275	0,001	0,009	0,042	FALSE
-0,102	0,279	-0,007	0,015	0,187	FALSE
0,033	0,303	0,001	0,009	0,056	FALSE
-0,065	0,284	-0,001	0,017	0,029	FALSE
-0,130	0,284	-0,003	0,016	0,081	FALSE
0,040	0,277	0,002	0,009	0,068	FALSE
0,101	0,277	0,002	0,010	0,054	FALSE
0,002	0,277	0,001	0,016	0,020	FALSE
-0,059	0,293	-0,003	0,018	0,058	FALSE
0,101	0,281	0,002	0,010	0,082	FALSE
0,174	0,290	0,010	0,018	0,245	FALSE
0,227	0,274	0,010	0,014	0,343	FALSE
0,135	0,282	0,004	0,008	0,207	FALSE
0,046	0,288	0,002	0,011	0,086	FALSE
-0,071	0,278	-0,005	0,012	0,175	FALSE
-0,135	0,270	-0,009	0,015	0,277	FALSE
0,003	0,283	-0,001	0,011	0,019	FALSE
0,048	0,272	0,001	0,010	0,027	FALSE
0,049	0,279	0,001	0,010	0,039	FALSE
0,022	0,297	0,002	0,011	0,060	FALSE
0,142	0,290	0,005	0,013	0,143	FALSE
-0,049	0,273	-0,004	0,015	0,108	FALSE
0,024	0,302	0,001	0,017	0,024	FALSE
-0,146	0,303	-0,004	0,009	0,173	FALSE
0,005	0,291	0,000	0,016	0,009	FALSE
-0,078	0,267	-0,001	0,010	0,023	FALSE
-0,132	0,269	-0,007	0,017	0,165	FALSE
-0,124	0,283	-0,006	0,010	0,253	FALSE
0,186	0,290	0,007	0,014	0,217	FALSE
-0,049	0,267	0,000	0,017	0,003	FALSE
0,084	0,273	0,003	0,010	0,124	FALSE
-0,061	0,283	-0,003	0,012	0,100	FALSE
0,087	0,280	0,002	0,015	0,055	FALSE
-0,042	0,300	-0,001	0,017	0,018	FALSE
-0,024	0,286	-0,001	0,010	0,041	FALSE
0,016	0,297	0,000	0,011	0,005	FALSE
0,123	0,273	0,005	0,012	0,167	FALSE
-0,095	0,293	-0,003	0,011	0,101	FALSE
0,135	0,269	0,005	0,009	0,230	FALSE
-0,062	0,300	-0,002	0,012	0,075	FALSE
0,128	0,272	0,003	0,008	0,152	FALSE
-0,065	0,273	-0,005	0,014	0,136	FALSE
-0,112	0,272	-0,005	0,016	0,116	FALSE
-0,072	0,283	-0,003	0,016	0,070	FALSE
-0,007	0,285	0,001	0,019	0,010	FALSE
0,032	0,289	0,001	0,013	0,027	FALSE
-0,080	0,280	-0,002	0,009	0,075	FALSE
0,121	0,279	0,007	0,017	0,174	FALSE
-0,083	0,281	0,000	0,011	0,007	FALSE
-0,111	0,289	-0,002	0,011	0,056	FALSE
-0,041	0,286	-0,002	0,011	0,055	FALSE

-0,137	0,269	-0,009	0,017	0,222	FALSE
-0,150	0,278	-0,004	0,012	0,123	FALSE
0,011	0,274	0,000	0,015	0,005	FALSE
-0,186	0,277	-0,004	0,009	0,180	FALSE
-0,166	0,285	-0,004	0,011	0,143	FALSE
0,254	0,271	0,011	0,014	0,374	FALSE
0,145	0,290	0,004	0,009	0,153	FALSE
0,009	0,275	-0,001	0,018	0,019	FALSE
0,139	0,290	0,010	0,018	0,232	FALSE
0,027	0,287	0,001	0,017	0,029	FALSE
0,156	0,293	0,006	0,011	0,242	FALSE
-0,020	0,282	-0,001	0,017	0,013	FALSE
0,064	0,286	0,002	0,016	0,043	FALSE
-0,141	0,283	-0,005	0,009	0,217	FALSE
0,102	0,293	0,004	0,014	0,118	FALSE
-0,096	0,282	-0,005	0,018	0,100	FALSE
-0,123	0,273	-0,004	0,011	0,139	FALSE
-0,103	0,282	-0,003	0,011	0,109	FALSE
-0,103	0,284	-0,004	0,014	0,121	FALSE
-0,133	0,272	-0,006	0,010	0,258	FALSE
-0,130	0,268	-0,006	0,016	0,150	FALSE
-0,074	0,279	-0,008	0,017	0,194	FALSE
0,343	0,257	0,014	0,013	0,569	FALSE
-0,035	0,280	-0,004	0,016	0,098	FALSE
-0,015	0,290	-0,004	0,017	0,100	FALSE
-0,123	0,274	-0,004	0,012	0,113	FALSE
-0,050	0,279	-0,002	0,013	0,041	FALSE
0,195	0,274	0,010	0,016	0,257	FALSE
0,127	0,268	0,004	0,009	0,175	FALSE
-0,117	0,281	-0,003	0,010	0,096	FALSE
0,335	0,260	0,011	0,010	0,544	FALSE
0,235	0,289	0,011	0,014	0,362	FALSE
0,054	0,287	0,001	0,009	0,058	FALSE
-0,171	0,282	-0,009	0,016	0,227	FALSE
-0,043	0,272	-0,002	0,016	0,051	FALSE
0,161	0,279	0,004	0,010	0,176	FALSE
0,102	0,298	0,004	0,013	0,110	FALSE
0,095	0,275	0,007	0,017	0,160	FALSE
-0,034	0,293	-0,001	0,016	0,031	FALSE
-0,060	0,299	-0,001	0,010	0,022	FALSE
0,039	0,277	0,001	0,016	0,018	FALSE
0,054	0,291	0,004	0,016	0,091	FALSE
-0,050	0,282	-0,001	0,017	0,028	FALSE
-0,106	0,295	-0,002	0,010	0,089	FALSE
-0,028	0,287	-0,003	0,018	0,069	FALSE
0,061	0,274	0,004	0,015	0,112	FALSE
-0,046	0,287	-0,002	0,010	0,073	FALSE
0,043	0,265	0,001	0,010	0,029	FALSE
0,057	0,291	0,002	0,012	0,049	FALSE
-0,008	0,293	-0,001	0,016	0,031	FALSE
0,054	0,293	0,001	0,011	0,015	FALSE
-0,054	0,287	-0,002	0,015	0,046	FALSE
-0,015	0,273	0,001	0,010	0,029	FALSE

-0,003	0,299	0,003	0,018	0,052	FALSE
-0,015	0,286	0,000	0,011	0,003	FALSE
-0,016	0,284	0,000	0,011	0,015	FALSE
-0,105	0,297	-0,002	0,009	0,098	FALSE
0,060	0,275	0,000	0,009	0,017	FALSE
0,072	0,280	0,001	0,010	0,044	FALSE
-0,134	0,280	-0,008	0,017	0,191	FALSE
0,076	0,284	0,002	0,010	0,089	FALSE
-0,213	0,274	-0,012	0,018	0,292	FALSE
0,249	0,279	0,015	0,017	0,408	FALSE
0,115	0,292	0,003	0,009	0,153	FALSE
0,167	0,289	0,009	0,016	0,252	FALSE
-0,027	0,265	-0,002	0,017	0,049	FALSE
0,119	0,280	0,006	0,015	0,158	FALSE
0,057	0,273	0,002	0,010	0,085	FALSE
0,043	0,266	0,003	0,017	0,062	FALSE
0,001	0,290	0,000	0,013	0,013	FALSE
0,160	0,275	0,006	0,011	0,228	FALSE
0,150	0,259	0,005	0,011	0,187	FALSE
0,215	0,270	0,008	0,011	0,345	FALSE
0,112	0,284	0,004	0,013	0,112	FALSE
-0,133	0,297	-0,008	0,018	0,196	FALSE
-0,009	0,280	-0,001	0,012	0,035	FALSE
0,006	0,282	0,000	0,009	0,004	FALSE
0,109	0,287	0,003	0,012	0,086	FALSE
-0,072	0,286	-0,004	0,011	0,124	FALSE
0,166	0,276	0,006	0,012	0,231	FALSE
0,013	0,299	0,000	0,009	0,016	FALSE
0,035	0,295	0,001	0,014	0,018	FALSE
0,036	0,296	0,001	0,009	0,043	FALSE
-0,118	0,296	-0,003	0,009	0,124	FALSE
0,023	0,278	0,001	0,011	0,036	FALSE
-0,076	0,281	-0,005	0,017	0,120	FALSE
0,000	0,289	0,001	0,009	0,045	FALSE
0,044	0,292	0,003	0,015	0,062	FALSE
-0,003	0,286	0,001	0,009	0,057	FALSE
0,016	0,275	0,001	0,009	0,058	FALSE
0,053	0,295	0,001	0,015	0,034	FALSE
-0,086	0,290	-0,002	0,009	0,082	FALSE
-0,180	0,283	-0,009	0,017	0,212	FALSE
-0,033	0,292	-0,001	0,011	0,022	FALSE
-0,066	0,280	-0,001	0,010	0,040	FALSE
0,000	0,287	0,000	0,010	0,004	FALSE
0,121	0,279	0,005	0,012	0,173	FALSE
-0,121	0,280	-0,005	0,014	0,149	FALSE
-0,070	0,270	-0,003	0,016	0,081	FALSE
-0,167	0,278	-0,009	0,015	0,254	FALSE
0,122	0,279	0,006	0,015	0,151	FALSE
-0,028	0,285	-0,001	0,008	0,048	FALSE
-0,003	0,282	-0,001	0,013	0,026	FALSE
-0,037	0,290	-0,001	0,013	0,028	FALSE
0,070	0,282	0,002	0,013	0,061	FALSE
-0,089	0,280	-0,004	0,012	0,129	FALSE

-0,060	0,261	-0,002	0,013	0,065	FALSE
-0,026	0,275	-0,002	0,011	0,080	FALSE
0,080	0,295	0,003	0,009	0,123	FALSE
0,019	0,286	-0,002	0,017	0,034	FALSE
0,122	0,299	0,004	0,009	0,173	FALSE
0,106	0,280	0,004	0,009	0,167	FALSE
0,085	0,280	0,006	0,016	0,139	FALSE
0,028	0,304	0,003	0,016	0,076	FALSE
-0,025	0,284	-0,004	0,011	0,135	FALSE
0,044	0,290	0,002	0,011	0,080	FALSE
-0,096	0,279	-0,008	0,016	0,189	FALSE
0,125	0,276	0,005	0,013	0,143	FALSE
0,028	0,277	0,000	0,011	0,009	FALSE
-0,004	0,283	-0,001	0,015	0,013	FALSE
-0,187	0,282	-0,005	0,009	0,243	FALSE
0,048	0,278	0,002	0,009	0,079	FALSE
-0,184	0,279	-0,008	0,011	0,339	FALSE
0,087	0,278	0,003	0,009	0,137	FALSE
0,001	0,299	0,001	0,015	0,020	FALSE
-0,015	0,271	-0,001	0,009	0,048	FALSE
0,004	0,282	0,000	0,010	0,000	FALSE
-0,037	0,285	-0,001	0,013	0,017	FALSE
0,068	0,286	0,003	0,012	0,105	FALSE
-0,107	0,271	-0,006	0,016	0,167	FALSE
-0,113	0,274	-0,007	0,016	0,173	FALSE
-0,084	0,275	-0,003	0,014	0,097	FALSE
-0,049	0,283	-0,001	0,008	0,058	FALSE
0,013	0,284	-0,002	0,016	0,035	FALSE
0,217	0,278	0,008	0,012	0,284	FALSE
-0,054	0,302	-0,002	0,014	0,050	FALSE
-0,149	0,274	-0,005	0,011	0,217	FALSE
0,051	0,291	0,001	0,017	0,024	FALSE
-0,089	0,288	-0,004	0,012	0,111	FALSE
-0,146	0,293	-0,011	0,018	0,250	FALSE
-0,150	0,277	-0,009	0,018	0,214	FALSE
0,033	0,261	0,004	0,016	0,083	FALSE
0,090	0,278	0,006	0,014	0,170	FALSE
-0,039	0,286	-0,001	0,011	0,025	FALSE
-0,140	0,272	-0,006	0,016	0,138	FALSE
-0,140	0,275	-0,006	0,016	0,154	FALSE
0,217	0,278	0,012	0,017	0,323	FALSE
-0,058	0,279	-0,003	0,018	0,067	FALSE
0,083	0,272	0,003	0,013	0,098	FALSE
-0,218	0,281	-0,006	0,010	0,284	FALSE
0,102	0,287	0,006	0,015	0,160	FALSE
-0,115	0,286	-0,005	0,009	0,215	FALSE
0,104	0,276	0,002	0,009	0,100	FALSE
0,104	0,277	0,002	0,009	0,070	FALSE
-0,127	0,300	-0,003	0,009	0,134	FALSE
-0,121	0,291	-0,004	0,018	0,089	FALSE
0,059	0,296	0,002	0,016	0,055	FALSE
0,026	0,269	0,000	0,010	0,017	FALSE
0,066	0,279	0,004	0,016	0,100	FALSE

0,024	0,278	0,001	0,011	0,023	FALSE
-0,112	0,271	-0,010	0,017	0,265	FALSE
0,101	0,272	0,008	0,016	0,213	FALSE
-0,157	0,282	-0,008	0,016	0,214	FALSE
0,054	0,282	0,005	0,018	0,121	FALSE
0,048	0,282	0,006	0,018	0,124	FALSE
-0,057	0,282	-0,002	0,009	0,077	FALSE
-0,069	0,274	-0,005	0,015	0,128	FALSE
-0,148	0,274	-0,006	0,013	0,211	FALSE
0,143	0,295	0,005	0,011	0,212	FALSE
0,140	0,292	0,009	0,015	0,249	FALSE
-0,112	0,292	-0,004	0,010	0,178	FALSE
0,035	0,273	0,003	0,017	0,067	FALSE
-0,018	0,291	-0,001	0,012	0,015	FALSE
-0,102	0,290	-0,003	0,012	0,118	FALSE
0,091	0,287	0,004	0,017	0,096	FALSE
0,102	0,273	0,004	0,009	0,172	FALSE
0,015	0,286	0,002	0,015	0,045	FALSE
0,079	0,278	0,003	0,010	0,121	FALSE
0,080	0,287	0,003	0,010	0,102	FALSE
-0,123	0,283	-0,004	0,009	0,163	FALSE
0,050	0,271	0,002	0,013	0,055	FALSE
0,046	0,268	0,001	0,013	0,038	FALSE
0,045	0,276	0,002	0,013	0,053	FALSE
-0,004	0,273	-0,001	0,014	0,019	FALSE
-0,114	0,261	-0,005	0,013	0,143	FALSE
0,050	0,267	0,002	0,008	0,075	FALSE
0,088	0,269	0,002	0,010	0,085	FALSE
-0,021	0,280	-0,001	0,009	0,057	FALSE
0,069	0,270	0,002	0,009	0,110	FALSE
-0,209	0,276	-0,007	0,012	0,245	FALSE
0,087	0,273	0,004	0,010	0,182	FALSE
0,055	0,281	0,008	0,018	0,197	FALSE
0,066	0,248	0,001	0,008	0,066	FALSE
-0,040	0,288	-0,002	0,017	0,052	FALSE
0,061	0,299	0,002	0,017	0,041	FALSE
0,007	0,299	-0,001	0,017	0,017	FALSE
0,030	0,282	0,002	0,010	0,058	FALSE
-0,030	0,293	0,000	0,011	0,001	FALSE
-0,008	0,278	0,001	0,011	0,021	FALSE
-0,024	0,283	0,000	0,011	0,011	FALSE
0,065	0,276	0,003	0,013	0,074	FALSE
0,158	0,275	0,007	0,016	0,184	FALSE
-0,182	0,294	-0,005	0,009	0,209	FALSE
-0,187	0,284	-0,006	0,010	0,239	FALSE
0,093	0,271	0,005	0,014	0,135	FALSE
0,116	0,295	0,007	0,016	0,166	FALSE
0,135	0,292	0,008	0,016	0,206	FALSE
-0,170	0,280	-0,005	0,010	0,207	FALSE
0,144	0,280	0,008	0,016	0,232	FALSE
-0,072	0,284	-0,002	0,011	0,060	FALSE
-0,023	0,280	-0,001	0,016	0,014	FALSE
-0,114	0,289	-0,004	0,011	0,140	FALSE

-0,111	0,287	-0,004	0,011	0,148	FALSE
-0,125	0,294	-0,005	0,012	0,164	FALSE
-0,012	0,289	-0,001	0,014	0,024	FALSE
0,160	0,281	0,006	0,017	0,149	FALSE
0,173	0,277	0,008	0,017	0,192	FALSE
-0,081	0,287	-0,004	0,014	0,112	FALSE
0,214	0,269	0,011	0,017	0,266	FALSE
-0,158	0,285	-0,008	0,015	0,221	FALSE
0,053	0,294	0,002	0,010	0,084	FALSE
-0,051	0,278	-0,002	0,015	0,044	FALSE
-0,032	0,295	-0,002	0,010	0,056	FALSE
0,177	0,288	0,008	0,017	0,202	FALSE
-0,046	0,288	-0,002	0,012	0,045	FALSE
0,044	0,299	0,003	0,014	0,087	FALSE
-0,261	0,263	-0,008	0,010	0,371	FALSE
-0,241	0,274	-0,006	0,009	0,314	FALSE
-0,058	0,284	-0,004	0,015	0,110	FALSE
0,039	0,286	0,002	0,015	0,043	FALSE
0,049	0,283	0,002	0,015	0,050	FALSE
0,059	0,284	0,003	0,014	0,083	FALSE
-0,063	0,265	-0,003	0,011	0,124	FALSE
-0,022	0,289	0,000	0,012	0,001	FALSE
-0,127	0,271	-0,007	0,012	0,254	FALSE
-0,089	0,296	-0,004	0,013	0,117	FALSE
-0,100	0,289	-0,005	0,017	0,124	FALSE
-0,184	0,263	-0,007	0,013	0,240	FALSE
0,017	0,279	0,000	0,014	0,005	FALSE
-0,057	0,283	0,000	0,015	0,004	FALSE
-0,088	0,281	-0,005	0,016	0,121	FALSE
-0,104	0,294	-0,008	0,017	0,186	FALSE
-0,069	0,276	-0,004	0,011	0,135	FALSE
-0,180	0,277	-0,007	0,011	0,280	FALSE
-0,166	0,293	-0,006	0,009	0,282	FALSE
-0,129	0,276	-0,007	0,016	0,180	FALSE
-0,041	0,288	-0,002	0,017	0,034	FALSE
-0,073	0,282	-0,004	0,014	0,124	FALSE
-0,034	0,282	-0,002	0,014	0,056	FALSE
0,165	0,272	0,006	0,016	0,155	FALSE
0,021	0,269	0,000	0,013	0,004	FALSE
0,015	0,283	-0,001	0,012	0,020	FALSE
0,101	0,281	0,005	0,012	0,168	FALSE
0,227	0,258	0,011	0,017	0,296	FALSE
0,242	0,267	0,011	0,015	0,332	FALSE
-0,203	0,282	-0,015	0,018	0,391	FALSE
0,180	0,285	0,008	0,016	0,210	FALSE
-0,019	0,288	-0,003	0,017	0,067	FALSE
0,137	0,288	0,007	0,017	0,166	FALSE
0,082	0,310	0,004	0,018	0,087	FALSE
-0,045	0,285	-0,001	0,009	0,053	FALSE
0,108	0,287	0,002	0,010	0,070	FALSE
0,100	0,292	0,006	0,013	0,209	FALSE
-0,073	0,292	-0,004	0,013	0,136	FALSE
0,152	0,278	0,006	0,011	0,202	FALSE

0,040	0,289	0,002	0,013	0,055	FALSE
-0,014	0,285	-0,002	0,010	0,063	FALSE
-0,166	0,279	-0,006	0,012	0,207	FALSE
0,085	0,291	0,005	0,018	0,106	FALSE
0,031	0,284	0,000	0,014	0,008	FALSE
-0,009	0,297	0,001	0,011	0,021	FALSE
-0,001	0,288	0,001	0,011	0,051	FALSE
-0,035	0,289	-0,001	0,011	0,032	FALSE
0,079	0,292	0,003	0,013	0,087	FALSE
0,141	0,295	0,007	0,016	0,184	FALSE
0,087	0,275	0,007	0,017	0,162	FALSE
-0,033	0,286	0,000	0,018	0,004	FALSE
-0,070	0,281	-0,003	0,017	0,065	FALSE
0,029	0,297	0,000	0,011	0,010	FALSE
0,073	0,295	0,003	0,016	0,066	FALSE
0,310	0,255	0,008	0,008	0,465	FALSE
-0,138	0,283	-0,007	0,017	0,176	FALSE
0,242	0,260	0,009	0,014	0,296	FALSE
-0,045	0,290	-0,003	0,012	0,090	FALSE
0,094	0,273	0,003	0,017	0,058	FALSE
-0,019	0,276	0,000	0,013	0,004	FALSE
-0,035	0,298	0,000	0,009	0,015	FALSE
0,047	0,300	0,002	0,012	0,073	FALSE
-0,076	0,287	-0,004	0,014	0,125	FALSE
0,223	0,270	0,008	0,012	0,282	FALSE
-0,132	0,287	-0,006	0,013	0,185	FALSE
0,035	0,280	0,001	0,010	0,052	FALSE
0,005	0,293	0,001	0,011	0,035	FALSE
0,017	0,287	0,002	0,009	0,090	FALSE
-0,074	0,300	-0,002	0,009	0,077	FALSE
-0,137	0,274	-0,007	0,014	0,199	FALSE
-0,079	0,277	-0,003	0,012	0,095	FALSE
0,095	0,273	0,002	0,011	0,063	FALSE
0,019	0,285	0,002	0,015	0,051	FALSE
0,063	0,268	0,003	0,017	0,056	FALSE
0,033	0,270	0,001	0,014	0,032	FALSE
0,041	0,275	0,001	0,017	0,025	FALSE
0,075	0,282	0,004	0,014	0,110	FALSE
-0,006	0,289	-0,001	0,014	0,018	FALSE
-0,123	0,286	-0,004	0,011	0,133	FALSE
0,132	0,276	0,003	0,010	0,124	FALSE
-0,262	0,282	-0,008	0,010	0,400	FALSE
0,199	0,286	0,007	0,011	0,292	FALSE
0,112	0,271	0,003	0,010	0,134	FALSE
0,043	0,271	0,001	0,009	0,053	FALSE
0,166	0,292	0,007	0,015	0,201	FALSE
0,013	0,295	-0,001	0,013	0,023	FALSE
-0,012	0,292	0,000	0,011	0,001	FALSE
0,144	0,281	0,005	0,010	0,211	FALSE
-0,187	0,281	-0,005	0,009	0,233	FALSE
0,208	0,265	0,008	0,011	0,322	FALSE
-0,109	0,291	-0,004	0,018	0,090	FALSE
-0,049	0,285	-0,004	0,016	0,085	FALSE

-0,059	0,269	-0,003	0,017	0,056	FALSE
-0,107	0,295	-0,004	0,012	0,131	FALSE
-0,041	0,288	-0,002	0,013	0,053	FALSE
0,131	0,275	0,003	0,010	0,124	FALSE
-0,035	0,277	0,001	0,011	0,021	FALSE
0,023	0,265	0,000	0,008	0,005	FALSE
0,144	0,272	0,005	0,009	0,264	FALSE
-0,083	0,285	-0,002	0,009	0,075	FALSE
0,020	0,288	0,001	0,012	0,031	FALSE
-0,112	0,264	-0,004	0,011	0,133	FALSE
0,175	0,263	0,005	0,014	0,143	FALSE
-0,068	0,273	-0,002	0,015	0,054	FALSE
0,124	0,276	0,003	0,009	0,119	FALSE
0,112	0,284	0,002	0,009	0,096	FALSE
0,026	0,277	0,001	0,008	0,030	FALSE
-0,024	0,306	-0,001	0,014	0,020	FALSE
0,023	0,285	0,002	0,011	0,070	FALSE
-0,076	0,286	-0,003	0,011	0,088	FALSE
-0,018	0,284	0,000	0,010	0,004	FALSE
0,017	0,278	0,002	0,014	0,041	FALSE
-0,067	0,293	-0,002	0,011	0,076	FALSE
-0,108	0,279	-0,003	0,010	0,098	FALSE
-0,055	0,260	-0,005	0,017	0,103	FALSE
-0,065	0,264	-0,003	0,015	0,067	FALSE
-0,062	0,280	-0,004	0,017	0,097	FALSE
-0,039	0,288	-0,004	0,018	0,093	FALSE
-0,036	0,285	-0,005	0,018	0,099	FALSE
-0,016	0,282	-0,001	0,010	0,021	FALSE
-0,151	0,272	-0,009	0,013	0,291	FALSE
-0,140	0,277	-0,008	0,013	0,253	FALSE
-0,039	0,277	-0,002	0,010	0,072	FALSE
0,185	0,270	0,004	0,009	0,202	FALSE
-0,104	0,288	-0,004	0,011	0,163	FALSE
0,063	0,272	0,002	0,016	0,041	FALSE
0,130	0,279	0,004	0,010	0,163	FALSE
-0,043	0,289	-0,002	0,016	0,054	FALSE
-0,038	0,295	-0,001	0,015	0,015	FALSE
0,019	0,272	0,000	0,009	0,012	FALSE
0,027	0,286	0,001	0,009	0,060	FALSE
-0,001	0,295	0,000	0,013	0,009	FALSE
-0,009	0,274	-0,001	0,016	0,032	FALSE
0,068	0,294	0,004	0,013	0,127	FALSE
-0,058	0,284	-0,004	0,013	0,124	FALSE
-0,094	0,276	-0,005	0,012	0,162	FALSE
-0,081	0,301	-0,004	0,017	0,080	FALSE
-0,028	0,275	-0,002	0,016	0,049	FALSE
-0,176	0,272	-0,009	0,012	0,327	FALSE
0,094	0,277	0,003	0,011	0,089	FALSE
0,076	0,295	0,004	0,009	0,163	FALSE
-0,132	0,284	-0,006	0,012	0,205	FALSE
-0,142	0,275	-0,005	0,014	0,149	FALSE
0,069	0,278	0,001	0,009	0,030	FALSE
0,114	0,282	0,006	0,013	0,192	FALSE

-0,106	0,275	-0,006	0,013	0,189	FALSE
-0,113	0,268	-0,007	0,013	0,209	FALSE
0,180	0,265	0,006	0,012	0,218	FALSE
0,173	0,263	0,006	0,012	0,211	FALSE
-0,073	0,287	-0,002	0,016	0,036	FALSE
0,150	0,279	0,007	0,017	0,163	FALSE
0,183	0,280	0,009	0,015	0,258	FALSE
0,025	0,281	0,000	0,009	0,015	FALSE
0,111	0,288	0,003	0,011	0,121	FALSE
0,079	0,281	0,004	0,010	0,141	FALSE
0,063	0,298	0,003	0,010	0,104	FALSE
0,117	0,290	0,004	0,011	0,125	FALSE
0,098	0,288	0,004	0,016	0,094	FALSE
-0,019	0,289	-0,002	0,010	0,055	FALSE
0,103	0,282	0,005	0,015	0,118	FALSE
-0,012	0,285	0,000	0,010	0,004	FALSE
-0,009	0,296	-0,001	0,014	0,018	FALSE
0,051	0,292	0,002	0,014	0,041	FALSE
-0,247	0,267	-0,009	0,012	0,355	FALSE
-0,095	0,281	-0,002	0,009	0,080	FALSE
-0,179	0,264	-0,013	0,016	0,351	FALSE
-0,062	0,279	-0,005	0,016	0,118	FALSE
-0,050	0,287	-0,004	0,018	0,081	FALSE
-0,175	0,283	-0,006	0,009	0,267	FALSE
0,004	0,277	0,003	0,018	0,055	FALSE
0,108	0,288	0,004	0,010	0,139	FALSE
0,101	0,268	0,008	0,016	0,200	FALSE
0,112	0,276	0,007	0,017	0,183	FALSE
0,014	0,292	0,000	0,016	0,000	FALSE
-0,046	0,270	-0,002	0,011	0,072	FALSE
-0,036	0,287	-0,001	0,011	0,044	FALSE
-0,166	0,283	-0,007	0,012	0,252	FALSE
-0,177	0,288	-0,007	0,012	0,266	FALSE
0,136	0,284	0,005	0,016	0,128	FALSE
0,105	0,283	0,005	0,012	0,183	FALSE
0,117	0,286	0,006	0,012	0,219	FALSE
-0,117	0,286	-0,006	0,016	0,136	FALSE
-0,074	0,289	-0,005	0,016	0,114	FALSE
-0,050	0,289	0,000	0,010	0,015	FALSE
0,052	0,277	0,005	0,016	0,125	FALSE
-0,042	0,283	-0,001	0,009	0,054	FALSE
-0,103	0,276	-0,002	0,009	0,103	FALSE
0,223	0,278	0,008	0,011	0,314	FALSE
0,220	0,271	0,009	0,012	0,345	FALSE
0,056	0,278	0,002	0,016	0,034	FALSE
-0,079	0,264	-0,002	0,017	0,037	FALSE
-0,188	0,278	-0,007	0,013	0,248	FALSE
-0,086	0,257	-0,005	0,016	0,127	FALSE
-0,042	0,286	-0,002	0,014	0,040	FALSE
-0,046	0,295	-0,002	0,015	0,046	FALSE
0,051	0,282	0,002	0,012	0,057	FALSE
-0,128	0,289	-0,006	0,015	0,159	FALSE
-0,103	0,260	-0,007	0,016	0,189	FALSE

-0,108	0,277	-0,007	0,017	0,162	FALSE
0,000	0,280	-0,001	0,013	0,015	FALSE
-0,100	0,272	-0,005	0,011	0,182	FALSE
-0,136	0,301	-0,007	0,017	0,154	FALSE
0,122	0,270	0,003	0,010	0,110	FALSE
-0,036	0,294	-0,001	0,015	0,023	FALSE
0,037	0,294	0,002	0,015	0,059	FALSE
-0,114	0,272	-0,005	0,013	0,155	FALSE
-0,176	0,283	-0,005	0,010	0,227	FALSE
0,045	0,285	0,003	0,009	0,129	FALSE
-0,143	0,264	-0,008	0,015	0,211	FALSE
0,197	0,276	0,003	0,008	0,166	FALSE
-0,057	0,286	-0,002	0,009	0,102	FALSE
-0,049	0,285	-0,002	0,016	0,045	FALSE
-0,074	0,298	-0,002	0,009	0,089	FALSE
-0,076	0,285	-0,005	0,017	0,105	FALSE
-0,108	0,289	-0,003	0,010	0,100	FALSE
0,060	0,299	0,002	0,009	0,077	FALSE
0,085	0,272	0,002	0,010	0,073	FALSE
0,011	0,276	0,001	0,013	0,041	FALSE
0,097	0,267	0,003	0,012	0,091	FALSE
0,198	0,280	0,006	0,009	0,330	FALSE
-0,141	0,288	-0,003	0,010	0,135	FALSE
0,006	0,284	0,000	0,009	0,010	FALSE
-0,044	0,290	0,001	0,010	0,032	FALSE
0,211	0,274	0,008	0,011	0,331	FALSE
0,185	0,280	0,007	0,011	0,269	FALSE
-0,181	0,289	-0,007	0,014	0,221	FALSE
-0,059	0,309	-0,001	0,009	0,058	FALSE
0,011	0,283	0,002	0,011	0,065	FALSE
0,079	0,277	0,002	0,010	0,096	FALSE
-0,023	0,290	0,000	0,018	0,006	FALSE
-0,192	0,277	-0,005	0,011	0,185	FALSE
-0,208	0,285	-0,006	0,012	0,197	FALSE
-0,067	0,280	0,000	0,010	0,006	FALSE
0,004	0,281	-0,001	0,016	0,019	FALSE
0,022	0,270	0,001	0,016	0,019	FALSE
0,191	0,262	0,004	0,008	0,231	FALSE
-0,089	0,298	-0,004	0,013	0,128	FALSE
0,159	0,271	0,003	0,009	0,165	FALSE
-0,087	0,282	-0,003	0,011	0,115	FALSE
-0,068	0,283	-0,002	0,009	0,082	FALSE
-0,058	0,267	-0,002	0,017	0,047	FALSE
0,109	0,288	0,005	0,012	0,146	FALSE
-0,166	0,289	-0,006	0,011	0,209	FALSE
0,004	0,288	0,001	0,017	0,022	FALSE
-0,008	0,295	0,001	0,014	0,016	FALSE
0,036	0,281	0,002	0,014	0,056	FALSE
0,198	0,274	0,010	0,017	0,244	FALSE
0,180	0,286	0,005	0,011	0,189	FALSE
-0,068	0,280	-0,003	0,012	0,077	FALSE
0,041	0,273	0,002	0,010	0,066	FALSE
0,018	0,261	0,003	0,017	0,075	FALSE

0,084	0,266	0,001	0,011	0,029	FALSE
0,088	0,279	0,001	0,011	0,035	FALSE
-0,047	0,274	-0,002	0,009	0,090	FALSE
0,181	0,272	0,008	0,015	0,236	FALSE
0,027	0,281	0,001	0,009	0,043	FALSE
0,023	0,268	0,000	0,017	0,008	FALSE
-0,101	0,278	-0,004	0,013	0,110	FALSE
-0,053	0,285	-0,001	0,010	0,052	FALSE
-0,144	0,274	-0,008	0,014	0,249	FALSE
0,279	0,261	0,013	0,013	0,486	FALSE
-0,022	0,284	0,001	0,014	0,029	FALSE
-0,026	0,287	0,000	0,010	0,004	FALSE
0,027	0,283	0,000	0,012	0,005	FALSE
-0,089	0,282	-0,001	0,009	0,056	FALSE
-0,079	0,283	-0,001	0,009	0,024	FALSE
-0,121	0,279	-0,003	0,010	0,100	FALSE
0,043	0,286	0,003	0,013	0,095	FALSE
0,008	0,274	0,001	0,014	0,029	FALSE
-0,089	0,295	-0,005	0,016	0,138	FALSE
0,071	0,279	0,003	0,015	0,079	FALSE
-0,064	0,293	-0,003	0,016	0,076	FALSE
0,059	0,282	0,002	0,018	0,040	FALSE
0,044	0,280	0,003	0,015	0,076	FALSE
0,093	0,281	0,005	0,014	0,133	FALSE
0,003	0,290	-0,001	0,018	0,013	FALSE
-0,123	0,273	-0,003	0,012	0,114	FALSE
0,009	0,278	0,000	0,010	0,006	FALSE
0,114	0,292	0,005	0,011	0,208	FALSE
-0,012	0,278	0,000	0,010	0,016	FALSE
0,011	0,279	0,000	0,010	0,005	FALSE
-0,077	0,298	-0,002	0,013	0,072	FALSE
-0,012	0,285	-0,001	0,016	0,015	FALSE
0,168	0,278	0,005	0,011	0,201	FALSE
0,058	0,294	0,002	0,011	0,086	FALSE
-0,168	0,268	-0,009	0,015	0,248	FALSE
0,056	0,274	0,000	0,009	0,015	FALSE
-0,100	0,288	-0,003	0,011	0,102	FALSE
0,002	0,298	0,000	0,015	0,002	FALSE
-0,026	0,304	0,000	0,009	0,010	FALSE
-0,039	0,280	0,000	0,015	0,001	FALSE
0,209	0,270	0,011	0,018	0,272	FALSE
0,171	0,274	0,008	0,017	0,203	FALSE
-0,284	0,257	-0,015	0,018	0,388	FALSE
0,063	0,282	0,002	0,012	0,081	FALSE
-0,012	0,265	-0,001	0,014	0,014	FALSE
0,116	0,287	0,005	0,014	0,139	FALSE
0,230	0,269	0,012	0,016	0,332	FALSE
-0,077	0,296	-0,002	0,009	0,109	FALSE
0,062	0,299	0,001	0,011	0,048	FALSE
-0,086	0,278	-0,002	0,015	0,054	FALSE
-0,034	0,278	0,000	0,011	0,008	FALSE
0,153	0,275	0,004	0,008	0,200	FALSE
-0,033	0,275	0,001	0,014	0,016	FALSE

0,018	0,285	0,001	0,011	0,034	FALSE
-0,018	0,293	-0,001	0,009	0,027	FALSE
-0,139	0,289	-0,008	0,016	0,229	FALSE
-0,076	0,279	-0,001	0,010	0,036	FALSE
-0,161	0,285	-0,005	0,009	0,212	FALSE
-0,049	0,287	-0,001	0,009	0,049	FALSE
0,231	0,282	0,013	0,017	0,364	FALSE
0,287	0,267	0,016	0,016	0,497	FALSE
-0,056	0,287	0,000	0,011	0,002	FALSE
-0,030	0,274	-0,002	0,013	0,062	FALSE
-0,072	0,271	0,001	0,011	0,035	FALSE
0,040	0,285	0,002	0,009	0,088	FALSE
-0,171	0,281	-0,005	0,009	0,243	FALSE
0,039	0,283	0,001	0,009	0,051	FALSE
-0,163	0,275	-0,005	0,009	0,244	FALSE
0,042	0,280	0,003	0,016	0,068	FALSE
0,104	0,275	0,004	0,013	0,126	FALSE
0,071	0,302	0,004	0,016	0,091	FALSE
-0,013	0,292	-0,001	0,011	0,027	FALSE
-0,028	0,287	-0,005	0,017	0,099	FALSE
0,049	0,282	0,002	0,011	0,050	FALSE
0,080	0,279	0,005	0,013	0,172	FALSE
0,159	0,280	0,005	0,009	0,230	FALSE
-0,129	0,286	-0,007	0,017	0,174	FALSE
-0,076	0,288	-0,004	0,010	0,140	FALSE
-0,182	0,292	-0,009	0,019	0,214	FALSE
0,033	0,288	0,001	0,012	0,031	FALSE
0,074	0,289	0,004	0,015	0,115	FALSE
0,069	0,281	0,002	0,011	0,076	FALSE
0,177	0,282	0,011	0,017	0,280	FALSE
-0,048	0,274	-0,005	0,016	0,125	FALSE
0,084	0,270	0,003	0,011	0,096	FALSE
-0,042	0,291	-0,003	0,015	0,076	FALSE
0,079	0,275	0,007	0,015	0,183	FALSE
-0,231	0,262	-0,011	0,014	0,342	FALSE
-0,310	0,266	-0,014	0,015	0,487	FALSE
-0,304	0,270	-0,013	0,014	0,466	FALSE
0,213	0,269	0,008	0,011	0,360	FALSE
0,002	0,274	0,002	0,009	0,077	FALSE
-0,195	0,281	-0,006	0,011	0,230	FALSE
0,187	0,284	0,006	0,010	0,257	FALSE
0,060	0,274	0,003	0,010	0,105	FALSE
-0,142	0,285	-0,009	0,017	0,231	FALSE
-0,036	0,293	-0,001	0,009	0,022	FALSE
0,038	0,271	0,000	0,008	0,012	FALSE
-0,044	0,276	-0,001	0,013	0,024	FALSE
0,023	0,293	0,003	0,014	0,066	FALSE
0,058	0,289	0,003	0,012	0,088	FALSE
0,151	0,287	0,004	0,009	0,163	FALSE
-0,029	0,285	0,000	0,015	0,002	FALSE
-0,137	0,286	-0,010	0,016	0,258	FALSE
0,041	0,298	0,004	0,013	0,120	FALSE
0,053	0,285	0,002	0,011	0,054	FALSE

-0,269	0,264	-0,009	0,009	0,485	FALSE
-0,142	0,289	-0,004	0,011	0,144	FALSE
-0,120	0,273	-0,004	0,008	0,211	FALSE
0,029	0,299	0,001	0,018	0,021	FALSE
0,045	0,297	0,002	0,017	0,048	FALSE
-0,017	0,302	-0,001	0,018	0,021	FALSE
-0,027	0,292	-0,001	0,017	0,030	FALSE
-0,024	0,302	-0,001	0,018	0,010	FALSE
-0,095	0,288	-0,005	0,017	0,107	FALSE
-0,003	0,302	0,000	0,018	0,004	FALSE
-0,139	0,287	-0,007	0,016	0,173	FALSE
-0,052	0,304	-0,004	0,018	0,083	FALSE
0,005	0,296	0,001	0,017	0,013	FALSE
0,160	0,277	0,005	0,009	0,225	FALSE
0,112	0,284	0,005	0,011	0,185	FALSE
-0,034	0,279	0,001	0,016	0,019	FALSE
0,019	0,279	0,002	0,017	0,036	FALSE
-0,024	0,277	0,000	0,017	0,009	FALSE
0,055	0,297	0,001	0,012	0,019	FALSE
-0,013	0,275	-0,001	0,012	0,023	FALSE
0,077	0,288	0,002	0,017	0,052	FALSE
0,066	0,278	0,001	0,009	0,020	FALSE
0,090	0,263	0,003	0,010	0,101	FALSE
-0,183	0,283	-0,007	0,010	0,305	FALSE
0,149	0,294	0,007	0,014	0,223	FALSE
0,172	0,272	0,008	0,013	0,272	FALSE
0,127	0,293	0,007	0,015	0,203	FALSE
-0,019	0,287	0,001	0,009	0,027	FALSE
-0,100	0,289	-0,003	0,009	0,124	FALSE
0,075	0,281	0,002	0,009	0,075	FALSE
0,061	0,295	0,001	0,010	0,047	FALSE
-0,030	0,276	0,001	0,012	0,016	FALSE
-0,052	0,291	0,000	0,010	0,008	FALSE
0,119	0,280	0,005	0,009	0,243	FALSE
-0,205	0,276	-0,009	0,010	0,413	FALSE
0,027	0,281	0,001	0,013	0,038	FALSE
0,067	0,265	0,006	0,016	0,140	FALSE
0,095	0,287	0,003	0,009	0,132	FALSE
-0,128	0,280	-0,005	0,009	0,251	FALSE
-0,042	0,273	0,000	0,009	0,008	FALSE
0,058	0,288	0,000	0,011	0,003	FALSE
0,072	0,287	0,005	0,017	0,120	FALSE
0,113	0,267	0,004	0,010	0,160	FALSE
0,046	0,274	0,002	0,012	0,048	FALSE
0,097	0,279	0,003	0,012	0,100	FALSE
-0,075	0,273	-0,006	0,017	0,148	FALSE
0,018	0,283	0,000	0,010	0,003	FALSE
0,025	0,278	0,000	0,011	0,003	FALSE
-0,215	0,276	-0,007	0,010	0,312	FALSE
-0,033	0,274	-0,003	0,014	0,095	FALSE
-0,025	0,281	-0,001	0,012	0,040	FALSE
0,075	0,273	0,004	0,014	0,104	FALSE
0,051	0,287	0,002	0,012	0,063	FALSE

0,038	0,272	0,001	0,010	0,048	FALSE
0,059	0,267	0,002	0,010	0,083	FALSE
-0,185	0,274	-0,005	0,008	0,233	FALSE
0,072	0,278	0,002	0,009	0,068	FALSE
0,041	0,300	0,002	0,010	0,081	FALSE
0,186	0,274	0,007	0,013	0,224	FALSE
0,072	0,276	0,003	0,009	0,121	FALSE
0,241	0,272	0,010	0,013	0,325	FALSE
-0,093	0,270	-0,005	0,014	0,145	FALSE
-0,066	0,272	-0,003	0,013	0,097	FALSE
0,143	0,283	0,010	0,017	0,248	FALSE
-0,114	0,283	-0,002	0,009	0,103	FALSE
-0,016	0,295	-0,001	0,013	0,041	FALSE
-0,164	0,268	-0,005	0,010	0,206	FALSE
0,052	0,275	0,000	0,012	0,011	FALSE
0,130	0,269	0,001	0,013	0,042	FALSE
0,192	0,273	0,007	0,010	0,298	FALSE
0,163	0,274	0,007	0,014	0,211	FALSE
0,078	0,278	0,001	0,011	0,048	FALSE
0,081	0,274	0,001	0,011	0,047	FALSE
0,215	0,278	0,007	0,010	0,328	FALSE
0,035	0,291	0,001	0,014	0,025	FALSE
0,068	0,277	0,002	0,010	0,072	FALSE
-0,097	0,276	-0,005	0,012	0,149	FALSE
0,090	0,268	0,004	0,011	0,153	FALSE
-0,056	0,293	0,000	0,010	0,000	FALSE
-0,128	0,287	-0,007	0,016	0,183	FALSE
-0,175	0,276	-0,007	0,010	0,313	FALSE
-0,223	0,255	-0,011	0,015	0,318	FALSE
-0,004	0,271	0,000	0,017	0,010	FALSE
0,001	0,285	-0,001	0,015	0,022	FALSE
-0,107	0,281	-0,005	0,011	0,168	FALSE
-0,044	0,281	-0,003	0,015	0,075	FALSE
0,123	0,272	0,005	0,011	0,177	FALSE
0,005	0,275	-0,003	0,016	0,059	FALSE
-0,248	0,287	-0,010	0,012	0,389	FALSE
-0,201	0,271	-0,008	0,015	0,227	FALSE
-0,168	0,301	-0,005	0,011	0,184	FALSE
-0,084	0,283	-0,003	0,010	0,103	FALSE
0,112	0,287	0,002	0,014	0,066	FALSE
0,129	0,287	0,007	0,017	0,182	FALSE
-0,192	0,279	-0,009	0,017	0,215	FALSE
-0,115	0,287	-0,004	0,017	0,081	FALSE
0,105	0,271	0,006	0,017	0,131	FALSE
-0,015	0,282	0,001	0,016	0,019	FALSE
0,029	0,282	0,002	0,014	0,042	FALSE
0,004	0,275	0,001	0,009	0,027	FALSE
-0,016	0,297	-0,001	0,016	0,026	FALSE
0,099	0,276	0,005	0,014	0,148	FALSE
0,030	0,297	0,004	0,017	0,089	FALSE
0,079	0,288	0,002	0,016	0,052	FALSE
-0,071	0,282	-0,001	0,009	0,043	FALSE
0,046	0,273	0,003	0,017	0,056	FALSE

0,041	0,283	0,002	0,018	0,045	FALSE
0,007	0,279	0,000	0,016	0,004	FALSE
0,030	0,303	-0,001	0,018	0,012	FALSE
-0,038	0,283	-0,005	0,016	0,116	FALSE
-0,116	0,290	-0,004	0,010	0,143	FALSE
-0,202	0,283	-0,009	0,015	0,253	FALSE
0,059	0,282	0,002	0,015	0,043	FALSE
-0,048	0,274	-0,005	0,015	0,129	FALSE
0,079	0,284	0,002	0,013	0,048	FALSE
0,113	0,258	0,004	0,008	0,190	FALSE
-0,090	0,285	-0,002	0,009	0,059	FALSE
-0,091	0,283	-0,006	0,016	0,140	FALSE
-0,015	0,290	0,001	0,010	0,040	FALSE
0,026	0,290	0,004	0,014	0,100	FALSE
0,027	0,294	0,000	0,016	0,010	FALSE
-0,024	0,295	-0,002	0,014	0,055	FALSE
-0,001	0,286	0,002	0,012	0,052	FALSE
0,048	0,280	0,001	0,013	0,015	FALSE
-0,128	0,278	-0,004	0,009	0,187	FALSE
-0,159	0,278	-0,005	0,009	0,219	FALSE
-0,107	0,284	-0,002	0,010	0,094	FALSE
0,094	0,277	0,002	0,008	0,111	FALSE
-0,164	0,269	-0,005	0,011	0,202	FALSE
0,026	0,290	0,002	0,013	0,046	FALSE
0,023	0,297	0,003	0,013	0,100	FALSE
0,266	0,246	0,008	0,009	0,394	FALSE
-0,129	0,279	-0,005	0,012	0,154	FALSE
0,143	0,292	0,010	0,017	0,261	FALSE
0,074	0,308	0,005	0,018	0,096	FALSE
0,065	0,288	0,002	0,009	0,086	FALSE
0,023	0,280	0,002	0,009	0,072	FALSE
0,049	0,282	0,005	0,013	0,150	FALSE
0,155	0,286	0,008	0,014	0,239	FALSE
0,009	0,267	-0,002	0,011	0,069	FALSE
0,051	0,274	0,004	0,011	0,137	FALSE
-0,069	0,282	-0,005	0,017	0,125	FALSE
0,130	0,285	0,004	0,012	0,146	FALSE
0,224	0,282	0,005	0,009	0,250	FALSE
0,082	0,283	0,002	0,012	0,062	FALSE
0,060	0,288	0,002	0,015	0,060	FALSE
0,259	0,257	0,007	0,009	0,360	FALSE
0,008	0,289	-0,001	0,016	0,016	FALSE
0,119	0,290	0,007	0,016	0,196	FALSE
0,094	0,274	0,005	0,015	0,135	FALSE
0,065	0,289	0,004	0,011	0,132	FALSE
0,077	0,277	0,004	0,012	0,151	FALSE
-0,021	0,286	0,001	0,009	0,034	FALSE
0,103	0,284	0,006	0,016	0,140	FALSE
0,006	0,276	0,001	0,010	0,042	FALSE
0,187	0,272	0,005	0,011	0,198	FALSE
-0,182	0,276	-0,009	0,017	0,209	FALSE
0,000	0,286	0,000	0,012	0,005	FALSE
0,080	0,276	0,005	0,013	0,155	FALSE

0,081	0,278	0,004	0,011	0,138	FALSE
0,002	0,299	0,001	0,011	0,022	FALSE
-0,110	0,281	-0,005	0,013	0,142	FALSE
-0,098	0,285	-0,004	0,013	0,119	FALSE
-0,105	0,270	-0,005	0,013	0,150	FALSE
0,193	0,286	0,005	0,010	0,220	FALSE
0,065	0,286	0,002	0,009	0,065	FALSE
-0,053	0,292	-0,001	0,014	0,015	FALSE
-0,113	0,272	-0,006	0,013	0,183	FALSE
-0,079	0,285	-0,004	0,009	0,156	FALSE
-0,076	0,290	-0,003	0,014	0,086	FALSE
0,122	0,283	0,004	0,009	0,185	FALSE
0,061	0,276	0,001	0,017	0,031	FALSE
0,067	0,289	0,003	0,013	0,100	FALSE
0,090	0,270	0,006	0,016	0,136	FALSE
-0,091	0,275	-0,005	0,013	0,152	FALSE
-0,010	0,289	-0,001	0,009	0,052	FALSE
-0,141	0,279	-0,007	0,011	0,260	FALSE
0,054	0,277	0,001	0,009	0,021	FALSE
0,226	0,260	0,006	0,010	0,252	FALSE
0,210	0,264	0,005	0,010	0,217	FALSE
0,150	0,287	0,004	0,010	0,175	FALSE
0,104	0,290	0,004	0,010	0,139	FALSE
-0,206	0,284	-0,006	0,010	0,254	FALSE
-0,070	0,305	-0,001	0,009	0,039	FALSE
-0,222	0,269	-0,007	0,009	0,362	FALSE
0,042	0,288	0,002	0,013	0,045	FALSE
-0,165	0,286	-0,008	0,016	0,217	FALSE
0,105	0,279	0,004	0,010	0,154	FALSE
-0,060	0,282	-0,003	0,018	0,065	FALSE
0,067	0,276	0,002	0,010	0,067	FALSE
0,027	0,285	-0,001	0,010	0,032	FALSE
-0,193	0,283	-0,008	0,013	0,262	FALSE
0,092	0,279	0,005	0,016	0,125	FALSE
0,018	0,286	-0,001	0,010	0,023	FALSE
-0,082	0,291	-0,005	0,013	0,149	FALSE
0,063	0,280	0,003	0,010	0,134	FALSE
-0,063	0,293	-0,002	0,009	0,103	FALSE
0,098	0,277	0,004	0,016	0,094	FALSE
0,062	0,274	0,003	0,011	0,091	FALSE
-0,017	0,286	0,000	0,013	0,001	FALSE
0,085	0,278	0,002	0,009	0,096	FALSE
-0,026	0,270	0,000	0,009	0,017	FALSE
0,133	0,289	0,009	0,017	0,240	FALSE
-0,069	0,290	-0,004	0,018	0,082	FALSE
0,258	0,278	0,006	0,009	0,338	FALSE
-0,223	0,269	-0,008	0,011	0,330	FALSE
0,045	0,278	0,001	0,009	0,047	FALSE
-0,128	0,282	-0,009	0,017	0,222	FALSE
-0,203	0,263	-0,009	0,013	0,301	FALSE
-0,096	0,279	-0,002	0,009	0,085	FALSE
-0,137	0,285	-0,008	0,016	0,201	FALSE
-0,035	0,288	-0,001	0,009	0,026	FALSE

0,000	0,308	0,000	0,015	0,002	FALSE
0,071	0,290	0,002	0,011	0,078	FALSE
0,118	0,271	0,004	0,012	0,125	FALSE
0,162	0,273	0,006	0,009	0,303	FALSE
0,126	0,270	0,002	0,012	0,071	FALSE
-0,085	0,293	-0,008	0,018	0,186	FALSE
-0,044	0,281	-0,004	0,016	0,092	FALSE
0,139	0,267	0,005	0,010	0,203	FALSE
-0,060	0,282	-0,002	0,011	0,058	FALSE
0,107	0,282	0,003	0,010	0,116	FALSE
0,109	0,300	0,005	0,017	0,124	FALSE
-0,100	0,292	-0,003	0,017	0,075	FALSE
-0,054	0,273	-0,005	0,016	0,121	FALSE
-0,057	0,278	-0,002	0,014	0,056	FALSE
-0,067	0,271	-0,002	0,014	0,068	FALSE
0,025	0,271	0,003	0,016	0,061	FALSE
0,009	0,286	0,000	0,015	0,005	FALSE
0,092	0,288	0,005	0,016	0,133	FALSE
0,110	0,291	0,005	0,011	0,169	FALSE
0,088	0,290	0,001	0,010	0,057	FALSE
0,069	0,289	0,006	0,017	0,126	FALSE
0,211	0,281	0,008	0,010	0,345	FALSE
-0,065	0,279	-0,002	0,012	0,070	FALSE
-0,038	0,292	0,000	0,013	0,008	FALSE
-0,092	0,283	-0,002	0,009	0,093	FALSE
-0,045	0,286	-0,002	0,009	0,066	FALSE
0,118	0,269	0,003	0,011	0,113	FALSE
-0,026	0,281	-0,001	0,010	0,034	FALSE
0,035	0,286	0,001	0,010	0,045	FALSE
0,102	0,280	0,004	0,009	0,172	FALSE
0,052	0,279	0,004	0,012	0,145	FALSE
0,029	0,293	0,002	0,012	0,070	FALSE
0,083	0,291	0,007	0,014	0,201	FALSE
0,197	0,275	0,008	0,017	0,189	FALSE
-0,012	0,292	0,000	0,011	0,010	FALSE
-0,114	0,291	-0,007	0,017	0,175	FALSE
-0,004	0,295	0,000	0,009	0,010	FALSE
-0,027	0,275	0,001	0,013	0,028	FALSE
0,055	0,285	0,004	0,015	0,097	FALSE
-0,043	0,287	-0,004	0,012	0,122	FALSE
0,076	0,293	0,005	0,013	0,146	FALSE
-0,032	0,289	-0,003	0,013	0,091	FALSE
0,134	0,278	0,006	0,013	0,192	FALSE
-0,064	0,297	-0,003	0,017	0,064	FALSE
0,018	0,293	0,000	0,017	0,007	FALSE
0,008	0,285	0,000	0,010	0,013	FALSE
-0,086	0,275	-0,003	0,011	0,093	FALSE
0,024	0,285	0,001	0,014	0,016	FALSE
0,094	0,288	0,004	0,014	0,107	FALSE
0,020	0,291	0,001	0,009	0,021	FALSE
0,087	0,298	0,003	0,015	0,067	FALSE
0,034	0,270	0,001	0,010	0,028	FALSE
0,015	0,274	0,001	0,012	0,015	FALSE

0,141	0,267	0,007	0,016	0,179	FALSE
0,213	0,259	0,006	0,012	0,200	FALSE
-0,095	0,280	-0,006	0,018	0,129	FALSE
-0,104	0,292	-0,003	0,009	0,125	FALSE
-0,003	0,290	-0,001	0,010	0,026	FALSE
0,037	0,273	-0,001	0,017	0,017	FALSE
0,100	0,286	0,002	0,009	0,078	FALSE
-0,113	0,286	-0,003	0,009	0,151	FALSE
0,125	0,259	0,005	0,015	0,141	FALSE
0,000	0,276	0,000	0,009	0,003	FALSE
-0,086	0,280	-0,002	0,009	0,088	FALSE
-0,014	0,274	-0,001	0,016	0,013	FALSE
-0,072	0,280	-0,002	0,010	0,080	FALSE
0,000	0,283	-0,001	0,013	0,030	FALSE
0,028	0,285	0,003	0,017	0,072	FALSE
-0,069	0,287	-0,005	0,017	0,113	FALSE
0,036	0,281	0,001	0,011	0,020	FALSE
-0,044	0,271	-0,001	0,014	0,031	FALSE
-0,025	0,292	0,000	0,011	0,011	FALSE
0,015	0,279	0,001	0,013	0,038	FALSE
0,013	0,285	0,001	0,010	0,040	FALSE
0,053	0,278	0,002	0,009	0,092	FALSE
-0,128	0,284	-0,007	0,011	0,248	FALSE
0,180	0,287	0,005	0,009	0,208	FALSE
-0,029	0,284	-0,003	0,015	0,067	FALSE
-0,081	0,284	-0,005	0,013	0,156	FALSE
-0,211	0,272	-0,006	0,009	0,297	FALSE
-0,087	0,284	-0,004	0,017	0,086	FALSE
-0,082	0,283	-0,003	0,017	0,060	FALSE
0,192	0,276	0,010	0,018	0,253	FALSE
0,205	0,272	0,011	0,018	0,261	FALSE
-0,035	0,290	-0,002	0,014	0,058	FALSE
0,186	0,265	0,010	0,017	0,245	FALSE
-0,108	0,276	-0,002	0,009	0,092	FALSE
-0,292	0,283	-0,011	0,012	0,437	FALSE
0,064	0,285	0,003	0,009	0,119	FALSE
0,078	0,268	0,003	0,012	0,090	FALSE
-0,017	0,279	-0,001	0,010	0,038	FALSE
0,101	0,296	0,006	0,018	0,119	FALSE
0,143	0,268	0,004	0,009	0,188	FALSE
0,069	0,274	0,002	0,011	0,083	FALSE
-0,158	0,289	-0,005	0,012	0,190	FALSE
-0,206	0,288	-0,006	0,011	0,227	FALSE
0,098	0,287	0,005	0,010	0,202	FALSE
-0,019	0,279	0,001	0,015	0,015	FALSE
-0,108	0,284	-0,008	0,015	0,217	FALSE
0,143	0,288	0,004	0,010	0,177	FALSE
0,131	0,283	0,004	0,010	0,157	FALSE
0,109	0,287	0,004	0,014	0,121	FALSE
-0,078	0,302	-0,002	0,009	0,095	FALSE
-0,149	0,288	-0,004	0,009	0,167	FALSE
-0,053	0,282	-0,004	0,011	0,138	FALSE
-0,062	0,283	-0,002	0,010	0,080	FALSE

-0,082	0,299	-0,003	0,010	0,110	FALSE
-0,055	0,292	-0,002	0,010	0,074	FALSE
0,112	0,284	0,006	0,017	0,135	FALSE
-0,026	0,271	0,000	0,012	0,013	FALSE
-0,060	0,290	-0,005	0,017	0,121	FALSE
0,008	0,292	0,001	0,016	0,015	FALSE
-0,147	0,281	-0,004	0,011	0,147	FALSE
0,129	0,274	0,009	0,017	0,236	FALSE
-0,065	0,276	-0,004	0,016	0,107	FALSE
0,058	0,280	0,002	0,010	0,078	FALSE
0,201	0,284	0,006	0,010	0,260	FALSE
-0,025	0,284	-0,003	0,016	0,081	FALSE
0,010	0,289	-0,002	0,017	0,044	FALSE
0,011	0,276	0,000	0,010	0,013	FALSE
0,034	0,292	0,002	0,011	0,052	FALSE
-0,013	0,296	-0,002	0,013	0,051	FALSE
0,108	0,279	0,004	0,015	0,100	FALSE
0,204	0,288	0,007	0,010	0,366	FALSE
-0,006	0,281	0,000	0,009	0,013	FALSE
0,020	0,284	0,000	0,008	0,003	FALSE
-0,097	0,292	-0,003	0,016	0,071	FALSE
0,120	0,284	0,004	0,010	0,167	FALSE
-0,127	0,281	-0,005	0,014	0,130	FALSE
-0,076	0,286	-0,003	0,009	0,141	FALSE
-0,055	0,267	-0,001	0,009	0,024	FALSE
-0,082	0,296	-0,003	0,009	0,110	FALSE
0,019	0,276	0,000	0,010	0,005	FALSE
0,079	0,283	0,002	0,009	0,106	FALSE
-0,092	0,291	-0,004	0,015	0,109	FALSE
-0,081	0,277	-0,004	0,011	0,146	FALSE
0,014	0,290	0,001	0,017	0,016	FALSE
-0,038	0,295	-0,001	0,012	0,024	FALSE
0,063	0,289	0,003	0,009	0,124	FALSE
0,107	0,277	0,002	0,008	0,113	FALSE
-0,030	0,280	-0,004	0,015	0,099	FALSE
0,182	0,271	0,010	0,015	0,312	FALSE
-0,252	0,278	-0,013	0,015	0,416	FALSE
-0,087	0,285	-0,005	0,017	0,112	FALSE
0,200	0,264	0,010	0,016	0,260	FALSE
0,159	0,272	0,007	0,016	0,183	FALSE
-0,202	0,265	-0,010	0,016	0,267	FALSE
0,005	0,283	-0,001	0,010	0,033	FALSE
0,119	0,281	0,006	0,016	0,138	FALSE
0,147	0,280	0,007	0,016	0,193	FALSE
-0,088	0,298	-0,004	0,013	0,118	FALSE
0,077	0,271	0,002	0,008	0,086	FALSE
0,089	0,287	0,003	0,016	0,063	FALSE
0,116	0,271	0,005	0,011	0,209	FALSE
-0,146	0,276	-0,005	0,011	0,171	FALSE
-0,076	0,294	-0,003	0,013	0,087	FALSE
-0,083	0,286	-0,002	0,010	0,081	FALSE
0,069	0,294	0,003	0,015	0,069	FALSE
0,010	0,295	0,001	0,011	0,046	FALSE

0,093	0,275	0,002	0,009	0,087	FALSE
0,078	0,278	0,002	0,009	0,090	FALSE
0,103	0,281	0,005	0,015	0,138	FALSE
-0,010	0,280	0,000	0,008	0,018	FALSE
-0,084	0,262	-0,007	0,016	0,183	FALSE
0,092	0,270	0,006	0,017	0,144	FALSE
0,059	0,278	0,002	0,009	0,088	FALSE
-0,136	0,283	-0,006	0,014	0,161	FALSE
0,012	0,266	0,000	0,010	0,006	FALSE
-0,099	0,273	-0,005	0,010	0,196	FALSE
-0,018	0,276	-0,001	0,016	0,012	FALSE
0,124	0,275	0,005	0,016	0,128	FALSE
-0,039	0,280	-0,001	0,009	0,021	FALSE
0,094	0,272	0,006	0,013	0,183	FALSE
0,029	0,299	0,002	0,010	0,075	FALSE
0,086	0,294	0,005	0,016	0,129	FALSE
0,006	0,277	0,001	0,012	0,021	FALSE
0,028	0,274	-0,001	0,018	0,019	FALSE
0,083	0,272	0,007	0,017	0,164	FALSE
0,179	0,273	0,009	0,017	0,221	FALSE
-0,159	0,292	-0,006	0,012	0,219	FALSE
-0,152	0,283	-0,003	0,009	0,144	FALSE
-0,008	0,284	-0,002	0,014	0,045	FALSE
-0,125	0,283	-0,009	0,015	0,248	FALSE
-0,046	0,287	-0,003	0,012	0,083	FALSE
0,140	0,287	0,008	0,012	0,291	FALSE
-0,023	0,286	0,001	0,011	0,032	FALSE
0,253	0,258	0,006	0,009	0,330	FALSE
-0,067	0,287	0,000	0,017	0,003	FALSE
-0,227	0,285	-0,007	0,010	0,288	FALSE
-0,218	0,283	-0,006	0,010	0,280	FALSE
-0,249	0,278	-0,010	0,012	0,357	FALSE
-0,243	0,274	-0,011	0,011	0,470	FALSE
-0,157	0,280	-0,006	0,011	0,225	FALSE
0,086	0,283	0,006	0,017	0,144	FALSE
0,175	0,275	0,007	0,017	0,170	FALSE
0,105	0,290	0,005	0,017	0,123	FALSE
0,104	0,276	0,003	0,008	0,148	FALSE
-0,161	0,264	-0,004	0,010	0,178	FALSE
-0,105	0,285	-0,006	0,017	0,136	FALSE
0,046	0,286	0,003	0,009	0,118	FALSE
-0,282	0,262	-0,016	0,017	0,484	FALSE
0,032	0,289	0,001	0,010	0,042	FALSE
0,222	0,267	0,007	0,010	0,338	FALSE
0,044	0,294	0,004	0,016	0,085	FALSE
-0,093	0,295	-0,004	0,015	0,099	FALSE
0,020	0,284	-0,001	0,016	0,024	FALSE
0,203	0,269	0,009	0,012	0,344	FALSE
-0,064	0,286	-0,001	0,011	0,022	FALSE
-0,052	0,276	-0,003	0,012	0,101	FALSE
-0,030	0,282	-0,003	0,012	0,079	FALSE
-0,115	0,283	-0,006	0,013	0,201	FALSE
-0,003	0,293	-0,002	0,017	0,047	FALSE

-0,032	0,272	-0,001	0,015	0,019	FALSE
-0,124	0,285	-0,003	0,009	0,147	FALSE
-0,006	0,285	0,000	0,012	0,014	FALSE
0,007	0,290	0,001	0,013	0,016	FALSE
0,124	0,282	0,006	0,014	0,181	FALSE
-0,181	0,274	-0,009	0,013	0,314	FALSE
-0,030	0,287	0,000	0,015	0,005	FALSE
0,041	0,291	0,002	0,011	0,077	FALSE
-0,015	0,293	-0,001	0,009	0,059	FALSE
-0,053	0,283	-0,004	0,014	0,110	FALSE
0,059	0,285	0,003	0,012	0,086	FALSE
-0,006	0,275	-0,001	0,009	0,044	FALSE
-0,208	0,271	-0,011	0,016	0,327	FALSE
0,112	0,294	0,004	0,014	0,130	FALSE
0,026	0,283	0,003	0,017	0,055	FALSE
0,144	0,264	0,009	0,016	0,232	FALSE
-0,010	0,277	0,000	0,015	0,007	FALSE
-0,069	0,279	-0,002	0,018	0,039	FALSE
-0,148	0,280	-0,004	0,010	0,165	FALSE
-0,162	0,258	-0,010	0,017	0,271	FALSE
-0,026	0,279	0,000	0,018	0,005	FALSE
-0,047	0,285	-0,004	0,015	0,099	FALSE
-0,021	0,287	0,000	0,017	0,007	FALSE
-0,041	0,288	-0,002	0,014	0,045	FALSE
0,166	0,284	0,008	0,017	0,186	FALSE
-0,039	0,295	-0,003	0,011	0,097	FALSE
-0,155	0,285	-0,005	0,011	0,170	FALSE
0,060	0,291	0,004	0,017	0,097	FALSE
-0,167	0,288	-0,009	0,017	0,218	FALSE
-0,120	0,289	-0,009	0,018	0,202	FALSE
0,072	0,303	0,006	0,018	0,129	FALSE
-0,176	0,259	-0,011	0,015	0,319	FALSE
0,150	0,282	0,005	0,009	0,216	FALSE
0,050	0,281	0,002	0,010	0,071	FALSE
0,017	0,288	0,001	0,011	0,021	FALSE
-0,013	0,278	-0,002	0,013	0,051	FALSE
0,020	0,280	0,000	0,017	0,008	FALSE
-0,088	0,286	-0,004	0,012	0,122	FALSE
-0,114	0,283	-0,006	0,015	0,144	FALSE
0,011	0,268	-0,001	0,016	0,017	FALSE
0,109	0,273	0,005	0,017	0,116	FALSE
-0,107	0,279	-0,006	0,012	0,207	FALSE
0,029	0,289	0,000	0,016	0,004	FALSE
-0,067	0,285	-0,001	0,015	0,015	FALSE
-0,058	0,294	-0,002	0,017	0,040	FALSE
0,091	0,289	0,004	0,017	0,096	FALSE
-0,102	0,292	-0,004	0,010	0,158	FALSE
0,042	0,291	0,004	0,018	0,076	FALSE
0,027	0,287	0,000	0,017	0,005	FALSE
0,052	0,288	0,004	0,013	0,114	FALSE
-0,061	0,294	-0,002	0,015	0,042	FALSE
0,065	0,293	0,002	0,014	0,057	FALSE
0,024	0,285	0,001	0,015	0,026	FALSE

0,022	0,306	0,002	0,017	0,031	FALSE
0,071	0,282	0,005	0,017	0,122	FALSE
-0,084	0,278	-0,002	0,014	0,059	FALSE
-0,111	0,292	-0,009	0,017	0,208	FALSE
-0,145	0,289	-0,003	0,009	0,147	FALSE
-0,155	0,281	-0,007	0,011	0,297	FALSE
0,027	0,285	0,002	0,012	0,049	FALSE
-0,014	0,278	-0,002	0,014	0,047	FALSE
-0,063	0,285	-0,001	0,009	0,031	FALSE
-0,048	0,274	0,001	0,017	0,012	FALSE
-0,117	0,284	-0,005	0,013	0,142	FALSE
0,068	0,292	0,006	0,017	0,133	FALSE
0,061	0,289	0,005	0,017	0,102	FALSE
-0,091	0,284	-0,006	0,015	0,157	FALSE
-0,051	0,290	-0,002	0,018	0,033	FALSE
0,048	0,276	0,000	0,014	0,011	FALSE
0,075	0,277	0,000	0,014	0,012	FALSE
0,046	0,290	0,000	0,015	0,012	FALSE
-0,019	0,297	0,000	0,010	0,008	FALSE
0,166	0,281	0,006	0,010	0,245	FALSE
-0,007	0,294	-0,001	0,013	0,034	FALSE
0,113	0,287	0,006	0,016	0,159	FALSE
-0,054	0,291	-0,002	0,011	0,053	FALSE
0,124	0,276	0,003	0,010	0,124	FALSE
0,009	0,279	0,001	0,009	0,031	FALSE
-0,007	0,284	-0,001	0,013	0,034	FALSE
0,116	0,276	0,003	0,012	0,089	FALSE
0,188	0,286	0,011	0,017	0,301	FALSE
0,195	0,277	0,012	0,016	0,319	FALSE
0,099	0,288	0,006	0,017	0,132	FALSE
0,024	0,287	0,000	0,010	0,015	FALSE
0,031	0,289	0,002	0,016	0,037	FALSE
0,030	0,282	0,002	0,016	0,048	FALSE
0,012	0,279	0,002	0,016	0,049	FALSE
-0,027	0,278	-0,001	0,015	0,025	FALSE
-0,015	0,292	0,000	0,016	0,011	FALSE
-0,036	0,278	-0,002	0,015	0,054	FALSE
-0,186	0,280	-0,006	0,011	0,216	FALSE
-0,096	0,287	-0,007	0,018	0,152	FALSE
-0,121	0,286	-0,007	0,017	0,170	FALSE
0,103	0,287	0,008	0,018	0,201	FALSE
-0,107	0,285	-0,006	0,013	0,187	FALSE
0,090	0,274	0,007	0,017	0,176	FALSE
0,108	0,286	0,004	0,010	0,171	FALSE
-0,047	0,283	-0,001	0,011	0,050	FALSE
0,126	0,285	0,005	0,010	0,197	FALSE
0,021	0,286	0,004	0,017	0,082	FALSE
-0,119	0,288	-0,001	0,011	0,031	FALSE
-0,110	0,286	-0,005	0,014	0,156	FALSE
-0,121	0,277	-0,004	0,015	0,117	FALSE
-0,037	0,269	0,001	0,013	0,017	FALSE
0,182	0,285	0,007	0,014	0,200	FALSE
-0,015	0,276	0,000	0,017	0,001	FALSE

0,023	0,289	-0,002	0,013	0,049	FALSE
0,138	0,271	0,005	0,013	0,141	FALSE
0,068	0,282	0,001	0,014	0,037	FALSE
0,022	0,269	0,001	0,011	0,024	FALSE
0,093	0,270	0,002	0,013	0,070	FALSE
0,028	0,288	0,000	0,012	0,014	FALSE
0,101	0,269	0,003	0,016	0,069	FALSE
-0,001	0,288	-0,002	0,012	0,054	FALSE
0,121	0,278	0,004	0,011	0,139	FALSE
-0,135	0,282	-0,002	0,009	0,100	FALSE
0,097	0,265	0,004	0,017	0,092	FALSE
0,027	0,288	0,002	0,012	0,054	FALSE
0,167	0,272	0,006	0,011	0,233	FALSE
0,172	0,277	0,007	0,012	0,255	FALSE
0,007	0,279	0,001	0,009	0,047	FALSE
-0,093	0,300	-0,004	0,010	0,146	FALSE
0,047	0,274	0,001	0,011	0,031	FALSE
0,052	0,268	0,001	0,011	0,036	FALSE
0,084	0,264	0,002	0,009	0,083	FALSE
0,068	0,275	0,001	0,008	0,055	FALSE
0,119	0,270	0,003	0,009	0,130	FALSE
0,017	0,304	0,001	0,012	0,042	FALSE
0,002	0,280	0,001	0,012	0,033	FALSE
-0,016	0,299	0,000	0,012	0,005	FALSE
0,154	0,290	0,006	0,010	0,238	FALSE
0,162	0,290	0,005	0,012	0,169	FALSE
0,007	0,288	-0,002	0,013	0,054	FALSE
-0,096	0,282	-0,003	0,011	0,089	FALSE
-0,020	0,286	0,000	0,009	0,010	FALSE
-0,087	0,269	-0,005	0,011	0,186	FALSE
0,158	0,269	0,005	0,012	0,177	FALSE
-0,177	0,279	-0,005	0,011	0,206	FALSE
0,112	0,303	0,003	0,011	0,126	FALSE
-0,035	0,302	-0,002	0,013	0,054	FALSE
0,036	0,282	0,002	0,011	0,055	FALSE
0,137	0,289	0,005	0,012	0,173	FALSE
0,091	0,266	0,004	0,012	0,119	FALSE
0,101	0,285	0,004	0,011	0,154	FALSE
0,068	0,288	0,003	0,012	0,099	FALSE
0,021	0,294	0,002	0,013	0,050	FALSE
0,020	0,281	0,003	0,010	0,098	FALSE
0,026	0,275	0,002	0,011	0,078	FALSE
-0,076	0,279	-0,001	0,010	0,054	FALSE
0,082	0,257	0,003	0,017	0,069	FALSE
0,056	0,266	0,002	0,016	0,053	FALSE
-0,040	0,265	-0,002	0,014	0,067	FALSE
-0,082	0,285	-0,006	0,016	0,157	FALSE
-0,090	0,290	-0,004	0,018	0,091	FALSE
0,099	0,283	0,004	0,016	0,085	FALSE
0,032	0,276	0,001	0,012	0,028	FALSE
0,082	0,262	0,002	0,015	0,050	FALSE
-0,108	0,279	-0,002	0,011	0,084	FALSE
0,131	0,281	0,007	0,015	0,187	FALSE

0,108	0,283	0,006	0,015	0,158	FALSE
-0,035	0,276	-0,002	0,017	0,044	FALSE
0,086	0,279	0,003	0,014	0,082	FALSE
0,086	0,281	0,003	0,015	0,067	FALSE
0,095	0,270	0,003	0,014	0,093	FALSE
0,113	0,266	0,003	0,009	0,145	FALSE
-0,073	0,281	-0,002	0,014	0,062	FALSE
0,079	0,274	0,003	0,015	0,087	FALSE
0,057	0,278	0,002	0,011	0,074	FALSE
0,010	0,299	0,000	0,014	0,009	FALSE
0,071	0,275	0,001	0,013	0,026	FALSE
-0,034	0,286	-0,001	0,011	0,026	FALSE
-0,087	0,272	-0,007	0,015	0,176	FALSE
0,025	0,276	0,000	0,009	0,004	FALSE
0,013	0,298	0,001	0,016	0,025	FALSE
0,016	0,285	-0,001	0,011	0,034	FALSE
-0,162	0,293	-0,006	0,009	0,274	FALSE
-0,204	0,274	-0,007	0,009	0,342	FALSE
-0,204	0,280	-0,006	0,009	0,335	FALSE
0,117	0,288	0,006	0,013	0,207	FALSE
-0,018	0,279	0,000	0,017	0,008	FALSE
-0,043	0,286	0,000	0,009	0,012	FALSE
0,029	0,256	-0,001	0,010	0,050	FALSE
0,091	0,278	0,002	0,009	0,103	FALSE
-0,106	0,284	-0,005	0,013	0,162	FALSE
0,008	0,294	-0,001	0,010	0,019	FALSE
0,067	0,293	0,002	0,011	0,082	FALSE
0,045	0,288	0,002	0,010	0,068	FALSE
-0,013	0,297	0,000	0,016	0,006	FALSE
-0,044	0,292	-0,002	0,014	0,060	FALSE
-0,059	0,292	-0,004	0,011	0,134	FALSE
-0,031	0,283	-0,003	0,011	0,113	FALSE
-0,043	0,286	-0,002	0,017	0,036	FALSE
-0,091	0,270	-0,005	0,013	0,146	FALSE
0,082	0,268	0,003	0,014	0,086	FALSE
-0,061	0,294	-0,002	0,014	0,044	FALSE
-0,071	0,290	-0,001	0,009	0,028	FALSE
-0,142	0,286	-0,003	0,010	0,139	FALSE
-0,043	0,286	0,000	0,010	0,001	FALSE
-0,021	0,297	0,000	0,010	0,017	FALSE
0,010	0,290	0,000	0,011	0,008	FALSE
0,160	0,285	0,011	0,016	0,309	FALSE
-0,038	0,278	0,001	0,011	0,039	FALSE
0,072	0,289	0,003	0,013	0,076	FALSE
-0,280	0,269	-0,010	0,010	0,444	FALSE
-0,223	0,257	-0,011	0,012	0,455	FALSE
0,096	0,277	0,007	0,013	0,213	FALSE
-0,094	0,280	-0,003	0,017	0,056	FALSE
0,149	0,283	0,009	0,016	0,230	FALSE
0,116	0,285	0,007	0,016	0,175	FALSE
-0,161	0,280	-0,006	0,014	0,185	FALSE
0,011	0,284	0,003	0,013	0,091	FALSE
0,010	0,276	0,004	0,013	0,113	FALSE

0,007	0,276	0,001	0,017	0,021	FALSE
0,038	0,277	0,002	0,016	0,046	FALSE
0,103	0,287	0,004	0,010	0,174	FALSE
0,136	0,276	0,004	0,009	0,199	FALSE
-0,007	0,280	-0,002	0,014	0,062	FALSE
0,130	0,282	0,006	0,016	0,137	FALSE
-0,026	0,292	-0,001	0,013	0,015	FALSE
-0,183	0,291	-0,008	0,011	0,302	FALSE
0,148	0,277	0,006	0,017	0,129	FALSE
-0,039	0,282	0,000	0,011	0,003	FALSE
-0,024	0,270	-0,001	0,011	0,034	FALSE
0,042	0,288	0,002	0,012	0,074	FALSE
0,159	0,272	0,005	0,010	0,232	FALSE
-0,067	0,266	-0,003	0,013	0,087	FALSE
-0,182	0,281	-0,005	0,009	0,232	FALSE
0,108	0,279	0,002	0,010	0,070	FALSE
0,113	0,284	0,005	0,015	0,142	FALSE
0,028	0,296	0,001	0,010	0,024	FALSE
0,106	0,279	0,006	0,012	0,202	FALSE
-0,221	0,288	-0,010	0,018	0,256	FALSE
-0,079	0,283	-0,001	0,010	0,048	FALSE
0,060	0,284	0,001	0,011	0,044	FALSE
-0,183	0,279	-0,007	0,011	0,269	FALSE
0,057	0,280	0,003	0,013	0,081	FALSE
-0,096	0,284	-0,003	0,010	0,105	FALSE
-0,140	0,281	-0,005	0,014	0,148	FALSE
0,115	0,280	0,010	0,017	0,257	FALSE
-0,081	0,274	-0,001	0,018	0,022	FALSE
0,171	0,267	0,007	0,014	0,207	FALSE
0,010	0,292	0,003	0,012	0,079	FALSE
0,114	0,277	0,005	0,017	0,118	FALSE
-0,235	0,267	-0,007	0,010	0,315	FALSE
-0,095	0,275	-0,003	0,009	0,157	FALSE
-0,241	0,271	-0,007	0,009	0,364	FALSE
0,140	0,268	0,004	0,010	0,159	FALSE
0,054	0,279	0,005	0,011	0,166	FALSE
-0,015	0,282	-0,002	0,009	0,062	FALSE
0,062	0,269	0,000	0,009	0,003	FALSE
0,246	0,269	0,012	0,014	0,419	FALSE
0,118	0,281	0,004	0,012	0,142	FALSE
-0,029	0,283	-0,004	0,016	0,097	FALSE
0,038	0,284	0,003	0,016	0,059	FALSE
-0,051	0,274	-0,001	0,015	0,025	FALSE
-0,015	0,289	0,000	0,016	0,004	FALSE
-0,007	0,293	0,001	0,016	0,024	FALSE
0,043	0,277	0,001	0,015	0,031	FALSE
0,010	0,271	-0,001	0,017	0,025	FALSE
0,091	0,288	0,003	0,009	0,115	FALSE
0,018	0,278	0,001	0,009	0,027	FALSE
0,101	0,264	0,004	0,011	0,143	FALSE
0,165	0,268	0,008	0,016	0,211	FALSE
0,139	0,281	0,005	0,011	0,206	FALSE
-0,127	0,284	-0,004	0,011	0,174	FALSE

-0,095	0,281	-0,007	0,017	0,157	FALSE
0,105	0,266	0,004	0,008	0,174	FALSE
0,003	0,292	0,001	0,010	0,027	FALSE
0,067	0,297	0,003	0,014	0,080	FALSE
-0,062	0,291	0,000	0,009	0,007	FALSE
0,169	0,293	0,008	0,012	0,266	FALSE
-0,080	0,279	0,000	0,015	0,008	FALSE
0,048	0,293	0,003	0,012	0,087	FALSE
-0,118	0,280	-0,005	0,017	0,106	FALSE
-0,160	0,283	-0,006	0,009	0,299	FALSE
0,074	0,269	0,001	0,016	0,034	FALSE
0,008	0,283	0,000	0,010	0,008	FALSE
-0,076	0,290	-0,006	0,016	0,147	FALSE
-0,120	0,294	-0,003	0,013	0,104	FALSE
0,058	0,290	0,004	0,016	0,101	FALSE
0,093	0,281	0,003	0,012	0,088	FALSE
-0,035	0,292	-0,001	0,009	0,052	FALSE
0,070	0,277	0,002	0,011	0,062	FALSE
0,084	0,282	0,002	0,009	0,065	FALSE
0,155	0,287	0,007	0,015	0,202	FALSE
0,035	0,285	0,002	0,012	0,072	FALSE
0,081	0,281	0,005	0,015	0,130	FALSE
0,020	0,286	0,002	0,013	0,046	FALSE
-0,144	0,286	-0,010	0,018	0,246	FALSE
0,110	0,283	0,005	0,012	0,190	FALSE
-0,122	0,284	-0,007	0,017	0,181	FALSE
-0,112	0,277	-0,004	0,011	0,138	FALSE
-0,087	0,291	-0,002	0,011	0,078	FALSE
0,109	0,272	0,010	0,018	0,230	FALSE
-0,142	0,286	-0,005	0,012	0,179	FALSE
-0,029	0,287	-0,002	0,010	0,082	FALSE
-0,114	0,298	-0,004	0,011	0,133	FALSE
0,003	0,283	0,001	0,012	0,038	FALSE
-0,045	0,297	0,000	0,010	0,009	FALSE
-0,165	0,267	-0,008	0,015	0,247	FALSE
-0,051	0,281	-0,006	0,017	0,139	FALSE
0,019	0,266	0,000	0,010	0,007	FALSE
-0,181	0,291	-0,005	0,009	0,228	FALSE
-0,125	0,290	-0,004	0,010	0,165	FALSE
0,018	0,289	-0,003	0,016	0,062	FALSE
0,099	0,270	0,001	0,017	0,025	FALSE
-0,037	0,279	-0,004	0,014	0,111	FALSE
-0,194	0,287	-0,005	0,011	0,179	FALSE
-0,088	0,310	-0,003	0,013	0,101	FALSE
-0,028	0,296	0,000	0,013	0,010	FALSE
-0,037	0,289	-0,001	0,017	0,024	FALSE
0,276	0,257	0,012	0,014	0,398	FALSE
-0,018	0,293	0,000	0,017	0,002	FALSE
0,136	0,280	0,006	0,010	0,229	FALSE
0,148	0,281	0,006	0,011	0,244	FALSE
0,134	0,271	0,004	0,011	0,141	FALSE
-0,063	0,278	-0,002	0,014	0,062	FALSE
-0,064	0,287	-0,001	0,010	0,021	FALSE

-0,066	0,275	-0,001	0,008	0,053	FALSE
-0,015	0,286	-0,004	0,017	0,079	FALSE
0,032	0,306	0,001	0,011	0,047	FALSE
-0,151	0,280	-0,004	0,014	0,127	FALSE
0,111	0,272	0,005	0,013	0,146	FALSE
0,034	0,284	0,001	0,009	0,036	FALSE
0,008	0,280	-0,002	0,011	0,065	FALSE
-0,037	0,286	-0,002	0,017	0,046	FALSE
0,146	0,279	0,006	0,014	0,190	FALSE
0,143	0,289	0,009	0,014	0,297	FALSE
0,096	0,280	0,004	0,013	0,142	FALSE
0,088	0,281	0,006	0,017	0,150	FALSE
0,067	0,288	0,005	0,017	0,104	FALSE
0,024	0,292	0,001	0,015	0,035	FALSE
-0,078	0,278	-0,002	0,009	0,093	FALSE
0,132	0,276	0,005	0,017	0,124	FALSE
0,116	0,280	0,005	0,011	0,174	FALSE
0,055	0,276	0,000	0,014	0,012	FALSE
0,080	0,275	0,004	0,010	0,147	FALSE
0,097	0,275	0,003	0,013	0,084	FALSE
-0,051	0,287	-0,002	0,009	0,070	FALSE
0,088	0,291	0,005	0,016	0,122	FALSE
-0,016	0,267	-0,002	0,009	0,064	FALSE
0,131	0,274	0,008	0,016	0,210	FALSE
-0,019	0,288	0,000	0,012	0,004	FALSE
0,023	0,283	0,001	0,009	0,055	FALSE
-0,026	0,278	-0,001	0,010	0,033	FALSE
-0,071	0,267	-0,003	0,010	0,115	FALSE
0,065	0,271	0,001	0,010	0,042	FALSE
0,025	0,281	0,001	0,016	0,027	FALSE
-0,085	0,285	-0,002	0,010	0,060	FALSE
-0,162	0,277	-0,006	0,010	0,225	FALSE
-0,161	0,284	-0,005	0,009	0,258	FALSE
-0,043	0,291	-0,001	0,010	0,027	FALSE
-0,145	0,278	-0,006	0,018	0,146	FALSE
-0,059	0,290	-0,002	0,011	0,080	FALSE
0,254	0,270	0,010	0,013	0,347	FALSE
0,132	0,282	0,004	0,012	0,127	FALSE
-0,075	0,279	-0,003	0,015	0,088	FALSE
-0,059	0,277	-0,001	0,012	0,019	FALSE
-0,079	0,266	-0,002	0,009	0,111	FALSE
0,201	0,272	0,008	0,011	0,322	FALSE
-0,107	0,282	-0,003	0,008	0,162	FALSE
-0,070	0,271	-0,002	0,009	0,105	FALSE
-0,111	0,281	-0,005	0,016	0,119	FALSE
0,031	0,290	0,002	0,017	0,041	FALSE
-0,044	0,281	0,000	0,016	0,005	FALSE
0,101	0,277	0,006	0,012	0,224	FALSE
0,115	0,272	0,004	0,011	0,139	FALSE
-0,042	0,287	-0,001	0,018	0,020	FALSE
-0,161	0,280	-0,004	0,009	0,172	FALSE
-0,051	0,280	-0,004	0,017	0,078	FALSE
-0,102	0,281	-0,008	0,015	0,219	FALSE

0,035	0,286	0,002	0,017	0,050	FALSE
0,078	0,268	0,005	0,017	0,119	FALSE
0,138	0,285	0,005	0,012	0,176	FALSE
-0,105	0,274	-0,002	0,012	0,055	FALSE
-0,089	0,290	-0,001	0,011	0,047	FALSE
-0,013	0,276	-0,001	0,014	0,023	FALSE
0,034	0,278	0,000	0,016	0,007	FALSE
0,067	0,292	0,002	0,013	0,045	FALSE
-0,022	0,279	-0,002	0,014	0,049	FALSE
0,061	0,304	0,001	0,014	0,029	FALSE
0,313	0,273	0,015	0,014	0,576	FALSE
0,059	0,306	0,005	0,018	0,102	FALSE
-0,062	0,289	-0,002	0,010	0,058	FALSE
-0,057	0,292	-0,001	0,009	0,054	FALSE
-0,154	0,289	-0,005	0,012	0,182	FALSE
0,096	0,291	0,003	0,010	0,111	FALSE
0,019	0,283	0,001	0,010	0,034	FALSE
0,153	0,281	0,008	0,018	0,193	FALSE
-0,125	0,298	-0,004	0,009	0,169	FALSE
-0,186	0,278	-0,006	0,011	0,225	FALSE
-0,055	0,286	-0,003	0,013	0,101	FALSE
0,110	0,286	0,009	0,015	0,247	FALSE
0,070	0,286	0,001	0,009	0,036	FALSE
-0,013	0,272	0,000	0,010	0,003	FALSE
-0,006	0,287	0,001	0,011	0,023	FALSE
-0,210	0,263	-0,008	0,014	0,245	FALSE
-0,152	0,292	-0,007	0,016	0,177	FALSE
-0,139	0,293	-0,007	0,017	0,171	FALSE
-0,056	0,290	-0,002	0,009	0,095	FALSE
-0,043	0,294	-0,003	0,016	0,084	FALSE
-0,079	0,286	-0,003	0,014	0,073	FALSE
0,216	0,272	0,010	0,017	0,262	FALSE
-0,053	0,277	-0,002	0,011	0,078	FALSE
-0,062	0,291	-0,003	0,012	0,076	FALSE
-0,016	0,290	-0,001	0,011	0,045	FALSE
0,073	0,300	0,004	0,018	0,084	FALSE
0,036	0,301	0,002	0,012	0,046	FALSE
-0,130	0,290	-0,008	0,018	0,176	FALSE
0,108	0,311	0,007	0,016	0,173	FALSE
0,030	0,293	0,001	0,011	0,046	FALSE
0,089	0,285	0,002	0,011	0,062	FALSE
0,104	0,288	0,005	0,016	0,119	FALSE
0,031	0,279	0,002	0,018	0,046	FALSE
0,067	0,284	0,004	0,010	0,154	FALSE
-0,101	0,280	-0,003	0,010	0,100	FALSE
-0,037	0,282	0,000	0,011	0,014	FALSE
-0,091	0,284	-0,002	0,011	0,080	FALSE
-0,119	0,269	-0,005	0,010	0,186	FALSE
-0,035	0,289	-0,002	0,009	0,075	FALSE
0,018	0,278	0,001	0,008	0,032	FALSE
0,012	0,279	0,001	0,009	0,023	FALSE
0,010	0,283	0,001	0,009	0,021	FALSE
-0,015	0,294	0,000	0,009	0,011	FALSE

-0,089	0,288	-0,004	0,011	0,135	FALSE
-0,089	0,296	-0,004	0,012	0,143	FALSE
0,068	0,281	0,001	0,008	0,053	FALSE
-0,007	0,290	-0,001	0,010	0,030	FALSE
-0,061	0,285	-0,001	0,009	0,062	FALSE
0,156	0,297	0,005	0,013	0,157	FALSE
-0,130	0,271	-0,006	0,017	0,147	FALSE
-0,084	0,297	-0,005	0,018	0,121	FALSE
0,106	0,275	0,004	0,012	0,126	FALSE
-0,015	0,289	-0,002	0,014	0,056	FALSE
-0,096	0,289	-0,004	0,013	0,113	FALSE
-0,034	0,274	-0,001	0,012	0,043	FALSE
0,042	0,287	0,001	0,011	0,050	FALSE
-0,002	0,290	0,001	0,012	0,018	FALSE
0,043	0,281	0,002	0,014	0,051	FALSE
-0,082	0,280	-0,003	0,008	0,148	FALSE
0,042	0,274	0,005	0,014	0,147	FALSE
-0,129	0,276	-0,006	0,015	0,153	FALSE
-0,074	0,286	-0,005	0,018	0,117	FALSE
0,018	0,291	0,000	0,010	0,015	FALSE
0,021	0,273	0,001	0,012	0,042	FALSE
0,183	0,278	0,011	0,017	0,295	FALSE
-0,051	0,282	-0,003	0,015	0,062	FALSE
-0,033	0,289	0,000	0,011	0,013	FALSE
-0,071	0,269	0,000	0,013	0,011	FALSE
0,070	0,275	0,005	0,013	0,146	FALSE
-0,103	0,300	-0,002	0,011	0,071	FALSE
0,191	0,263	0,008	0,011	0,318	FALSE
0,061	0,290	0,004	0,014	0,104	FALSE
-0,129	0,269	-0,004	0,010	0,180	FALSE
-0,031	0,293	-0,001	0,019	0,014	FALSE
-0,081	0,292	-0,003	0,009	0,132	FALSE
-0,058	0,298	-0,001	0,010	0,054	FALSE
-0,061	0,282	-0,002	0,018	0,045	FALSE
0,018	0,295	0,000	0,018	0,003	FALSE
0,022	0,276	0,001	0,016	0,024	FALSE
0,083	0,272	0,004	0,012	0,138	FALSE
0,163	0,285	0,007	0,015	0,209	FALSE
0,008	0,271	0,002	0,010	0,057	FALSE
0,042	0,281	0,001	0,018	0,013	FALSE
0,036	0,278	0,002	0,015	0,045	FALSE
0,054	0,281	0,002	0,016	0,046	FALSE
-0,077	0,290	-0,002	0,009	0,073	FALSE
-0,169	0,289	-0,005	0,009	0,205	FALSE
0,005	0,279	-0,002	0,011	0,063	FALSE
0,008	0,290	0,001	0,009	0,036	FALSE
0,003	0,287	-0,001	0,011	0,036	FALSE
0,029	0,267	0,000	0,011	0,004	FALSE
0,058	0,267	0,001	0,011	0,051	FALSE
-0,054	0,285	0,000	0,009	0,010	FALSE
0,066	0,263	0,002	0,011	0,062	FALSE
-0,034	0,271	-0,001	0,013	0,025	FALSE
0,093	0,289	0,006	0,017	0,132	FALSE

0,060	0,291	0,003	0,011	0,118	FALSE
-0,016	0,295	0,000	0,011	0,014	FALSE
0,045	0,283	0,001	0,011	0,050	FALSE
-0,023	0,292	-0,002	0,016	0,043	FALSE
0,012	0,290	0,000	0,011	0,007	FALSE
-0,026	0,274	-0,001	0,017	0,013	FALSE
0,043	0,296	0,001	0,013	0,040	FALSE
0,072	0,283	0,003	0,013	0,080	FALSE
0,087	0,283	0,005	0,011	0,166	FALSE
0,030	0,253	-0,001	0,015	0,015	FALSE
0,030	0,290	0,001	0,017	0,019	FALSE
0,115	0,282	0,006	0,017	0,130	FALSE
0,023	0,302	0,001	0,014	0,037	FALSE
0,206	0,272	0,006	0,010	0,253	FALSE
-0,143	0,271	-0,006	0,012	0,218	FALSE
-0,027	0,277	0,000	0,015	0,011	FALSE
-0,082	0,287	-0,002	0,009	0,075	FALSE
-0,127	0,284	-0,003	0,010	0,138	FALSE
-0,114	0,286	-0,004	0,011	0,149	FALSE
0,087	0,274	0,005	0,017	0,113	FALSE
-0,084	0,285	-0,001	0,009	0,055	FALSE
-0,171	0,276	-0,008	0,016	0,222	FALSE
0,017	0,303	0,000	0,010	0,003	FALSE
0,143	0,299	0,009	0,017	0,223	FALSE
-0,015	0,294	0,001	0,013	0,018	FALSE
-0,141	0,289	-0,006	0,013	0,182	FALSE
0,146	0,277	0,006	0,011	0,215	FALSE
0,031	0,289	0,002	0,017	0,035	FALSE
-0,015	0,298	-0,001	0,012	0,037	FALSE
0,108	0,277	0,005	0,015	0,123	FALSE
0,061	0,283	0,003	0,013	0,083	FALSE
0,211	0,291	0,007	0,011	0,298	FALSE
0,019	0,268	-0,001	0,013	0,033	FALSE
-0,033	0,257	-0,004	0,015	0,094	FALSE
0,143	0,277	0,005	0,017	0,123	FALSE
0,029	0,287	0,001	0,012	0,025	FALSE
-0,124	0,284	-0,005	0,014	0,134	FALSE
0,104	0,278	0,004	0,010	0,136	FALSE
0,019	0,295	0,001	0,015	0,013	FALSE
0,048	0,277	0,001	0,010	0,023	FALSE
0,022	0,277	0,001	0,013	0,027	FALSE
0,139	0,276	0,004	0,017	0,091	FALSE
0,177	0,257	0,006	0,013	0,198	FALSE
-0,053	0,276	-0,003	0,012	0,079	FALSE
-0,033	0,289	0,000	0,011	0,014	FALSE
-0,021	0,292	-0,001	0,009	0,023	FALSE
-0,056	0,288	-0,001	0,010	0,021	FALSE
-0,161	0,291	-0,006	0,012	0,195	FALSE
0,187	0,262	0,004	0,009	0,212	FALSE
-0,103	0,279	-0,004	0,011	0,148	FALSE
-0,083	0,292	-0,003	0,012	0,104	FALSE
0,046	0,279	0,002	0,010	0,070	FALSE
0,006	0,274	0,000	0,012	0,003	FALSE

0,027	0,283	0,001	0,012	0,017	FALSE
0,056	0,284	0,003	0,015	0,069	FALSE
0,080	0,279	0,004	0,015	0,102	FALSE
0,083	0,285	0,004	0,015	0,095	FALSE
0,070	0,281	0,003	0,014	0,092	FALSE
0,017	0,285	0,001	0,012	0,020	FALSE
0,117	0,273	0,004	0,010	0,137	FALSE
0,000	0,284	0,000	0,012	0,001	FALSE
0,007	0,277	0,001	0,013	0,019	FALSE
0,094	0,293	0,005	0,014	0,143	FALSE
0,109	0,272	0,007	0,017	0,180	FALSE
0,181	0,268	0,007	0,011	0,270	FALSE
-0,235	0,266	-0,008	0,011	0,346	FALSE
0,035	0,281	0,002	0,010	0,078	FALSE
-0,235	0,276	-0,008	0,009	0,418	FALSE
0,058	0,288	0,004	0,012	0,126	FALSE
0,011	0,283	0,001	0,013	0,037	FALSE
0,068	0,264	0,003	0,015	0,069	FALSE
0,002	0,281	0,001	0,012	0,021	FALSE
-0,118	0,276	-0,006	0,011	0,211	FALSE
-0,016	0,300	-0,002	0,017	0,038	FALSE
0,090	0,273	0,003	0,015	0,069	FALSE
0,019	0,296	0,000	0,011	0,014	FALSE
-0,045	0,280	-0,002	0,011	0,052	FALSE
-0,044	0,289	-0,001	0,012	0,036	FALSE
0,018	0,262	0,000	0,009	0,007	FALSE
0,051	0,277	0,002	0,012	0,052	FALSE
0,178	0,276	0,006	0,014	0,171	FALSE
0,013	0,282	0,000	0,011	0,001	FALSE
0,123	0,284	0,005	0,014	0,150	FALSE
0,170	0,280	0,008	0,014	0,233	FALSE
-0,095	0,289	-0,005	0,018	0,118	FALSE
0,013	0,288	0,001	0,018	0,017	FALSE
0,069	0,285	0,003	0,009	0,134	FALSE
0,180	0,288	0,005	0,009	0,247	FALSE
0,023	0,287	0,001	0,017	0,025	FALSE
0,047	0,279	0,000	0,010	0,012	FALSE
-0,038	0,295	-0,003	0,015	0,069	FALSE
-0,008	0,295	-0,002	0,017	0,035	FALSE
-0,033	0,270	-0,001	0,012	0,034	FALSE
-0,116	0,262	-0,005	0,012	0,168	FALSE
0,044	0,289	0,002	0,013	0,056	FALSE
-0,098	0,279	-0,003	0,009	0,154	FALSE
-0,119	0,282	-0,006	0,015	0,178	FALSE
-0,019	0,286	0,001	0,010	0,047	FALSE
-0,049	0,281	-0,004	0,015	0,089	FALSE
-0,095	0,281	-0,005	0,014	0,130	FALSE
0,078	0,281	0,001	0,009	0,021	FALSE
0,005	0,281	0,000	0,015	0,002	FALSE
0,198	0,267	0,005	0,009	0,208	FALSE
-0,089	0,299	-0,003	0,011	0,090	FALSE
-0,118	0,292	-0,002	0,010	0,091	FALSE
0,111	0,287	0,004	0,010	0,162	FALSE

-0,047	0,271	-0,004	0,011	0,145	FALSE
0,071	0,282	0,001	0,014	0,033	FALSE
0,009	0,289	-0,001	0,009	0,029	FALSE
0,009	0,289	-0,001	0,015	0,032	FALSE
-0,029	0,286	0,000	0,015	0,010	FALSE
-0,144	0,276	-0,009	0,013	0,289	FALSE
-0,046	0,286	-0,002	0,010	0,076	FALSE
-0,067	0,283	0,000	0,008	0,005	FALSE
0,041	0,272	0,001	0,008	0,052	FALSE
0,165	0,280	0,005	0,012	0,186	FALSE
-0,049	0,289	-0,003	0,009	0,103	FALSE
0,098	0,280	0,006	0,017	0,135	FALSE
-0,114	0,292	-0,003	0,013	0,106	FALSE
-0,038	0,271	-0,001	0,013	0,025	FALSE
0,033	0,285	0,003	0,009	0,145	FALSE
-0,018	0,269	-0,001	0,009	0,053	FALSE
-0,095	0,296	-0,003	0,018	0,055	FALSE
-0,005	0,286	0,001	0,011	0,037	FALSE
0,024	0,283	0,000	0,014	0,011	FALSE
0,191	0,277	0,007	0,015	0,209	FALSE
-0,001	0,303	0,000	0,009	0,008	FALSE
-0,090	0,274	-0,001	0,015	0,029	FALSE
0,217	0,286	0,012	0,017	0,322	FALSE
-0,022	0,301	0,000	0,017	0,010	FALSE
0,078	0,274	0,003	0,015	0,080	FALSE
0,034	0,282	0,003	0,013	0,081	FALSE
-0,054	0,271	-0,002	0,010	0,090	FALSE
0,187	0,272	0,006	0,012	0,191	FALSE
0,062	0,283	0,000	0,010	0,015	FALSE
-0,053	0,304	-0,002	0,018	0,046	FALSE
-0,003	0,290	0,001	0,014	0,020	FALSE
-0,057	0,277	-0,001	0,015	0,022	FALSE
0,227	0,273	0,010	0,017	0,253	FALSE
-0,052	0,286	-0,001	0,014	0,019	FALSE
-0,031	0,271	0,000	0,012	0,003	FALSE
-0,031	0,278	-0,002	0,013	0,048	FALSE
-0,127	0,289	-0,003	0,010	0,116	FALSE
0,196	0,278	0,005	0,009	0,234	FALSE
0,024	0,285	0,002	0,012	0,047	FALSE
-0,106	0,285	-0,004	0,013	0,137	FALSE
-0,109	0,281	-0,002	0,009	0,080	FALSE
-0,218	0,264	-0,009	0,010	0,434	FALSE
0,153	0,288	0,006	0,010	0,265	FALSE
-0,125	0,268	-0,007	0,016	0,187	FALSE
0,222	0,271	0,006	0,010	0,249	FALSE
-0,072	0,280	-0,004	0,010	0,142	FALSE
0,007	0,289	0,001	0,009	0,038	FALSE
0,045	0,284	0,002	0,016	0,048	FALSE
-0,022	0,284	-0,002	0,010	0,067	FALSE
0,006	0,288	-0,001	0,011	0,042	FALSE
0,015	0,279	0,001	0,012	0,040	FALSE
-0,127	0,296	-0,006	0,018	0,138	FALSE
-0,019	0,274	-0,002	0,010	0,063	FALSE

-0,065	0,291	-0,002	0,012	0,067	FALSE
0,051	0,277	0,003	0,014	0,068	FALSE
0,042	0,281	0,002	0,014	0,054	FALSE
0,019	0,285	0,002	0,012	0,051	FALSE
-0,027	0,277	0,001	0,009	0,026	FALSE
-0,049	0,293	-0,002	0,016	0,047	FALSE
-0,054	0,277	-0,002	0,009	0,102	FALSE
-0,053	0,288	-0,004	0,017	0,082	FALSE
-0,023	0,288	-0,002	0,010	0,055	FALSE
-0,031	0,282	0,001	0,014	0,025	FALSE
-0,104	0,275	-0,003	0,009	0,145	FALSE
-0,180	0,278	-0,006	0,012	0,224	FALSE
0,000	0,284	0,001	0,011	0,019	FALSE
-0,186	0,288	-0,006	0,011	0,220	FALSE
-0,060	0,276	0,002	0,015	0,040	FALSE
0,004	0,288	0,003	0,011	0,086	FALSE
-0,006	0,294	-0,002	0,017	0,042	FALSE
-0,117	0,281	-0,007	0,018	0,162	FALSE
-0,084	0,284	-0,003	0,009	0,139	FALSE
-0,090	0,281	-0,003	0,011	0,120	FALSE
-0,088	0,274	-0,006	0,014	0,170	FALSE
-0,078	0,279	-0,004	0,014	0,124	FALSE
-0,086	0,271	-0,006	0,014	0,162	FALSE
-0,082	0,280	-0,002	0,012	0,052	FALSE
-0,111	0,278	-0,008	0,018	0,199	FALSE
0,162	0,274	0,008	0,013	0,290	FALSE
0,109	0,277	0,002	0,009	0,105	FALSE
0,207	0,269	0,006	0,011	0,219	FALSE
0,084	0,271	0,001	0,011	0,024	FALSE
-0,147	0,281	-0,008	0,014	0,259	FALSE
-0,090	0,290	-0,005	0,013	0,147	FALSE
0,059	0,270	0,002	0,010	0,057	FALSE
0,056	0,284	0,001	0,012	0,020	FALSE
0,208	0,271	0,006	0,009	0,293	FALSE
-0,225	0,281	-0,015	0,018	0,406	FALSE
0,039	0,285	0,002	0,017	0,040	FALSE
0,069	0,297	0,002	0,012	0,066	FALSE
0,000	0,262	-0,001	0,009	0,023	FALSE
-0,220	0,289	-0,010	0,013	0,384	FALSE
-0,163	0,282	-0,007	0,013	0,234	FALSE
0,008	0,275	0,000	0,013	0,013	FALSE
0,127	0,274	0,012	0,017	0,313	FALSE
0,056	0,277	0,004	0,014	0,096	FALSE
0,061	0,277	0,001	0,010	0,022	FALSE
0,006	0,291	0,001	0,011	0,039	FALSE
0,047	0,269	0,004	0,017	0,088	FALSE
0,058	0,285	0,003	0,015	0,084	FALSE
-0,017	0,286	-0,002	0,018	0,042	FALSE
-0,051	0,280	-0,004	0,018	0,078	FALSE
0,241	0,269	0,013	0,016	0,373	FALSE
-0,135	0,270	-0,008	0,015	0,204	FALSE
0,045	0,271	0,001	0,009	0,022	FALSE
-0,080	0,278	-0,002	0,009	0,071	FALSE

-0,067	0,282	-0,001	0,014	0,020	FALSE
0,105	0,271	0,001	0,013	0,030	FALSE
0,071	0,282	0,004	0,017	0,092	FALSE
-0,064	0,280	-0,003	0,017	0,067	FALSE
-0,016	0,292	0,001	0,012	0,014	FALSE
0,089	0,287	0,004	0,012	0,121	FALSE
0,163	0,272	0,006	0,011	0,235	FALSE
0,193	0,296	0,010	0,018	0,253	FALSE
-0,077	0,278	-0,003	0,015	0,075	FALSE
0,120	0,274	0,005	0,011	0,174	FALSE
0,169	0,275	0,011	0,017	0,277	FALSE
0,169	0,279	0,011	0,017	0,275	FALSE
0,101	0,280	0,003	0,010	0,116	FALSE
-0,095	0,299	-0,005	0,016	0,119	FALSE
-0,110	0,287	-0,006	0,016	0,145	FALSE
0,062	0,277	0,004	0,014	0,093	FALSE
0,083	0,267	0,005	0,014	0,131	FALSE
0,020	0,280	0,000	0,016	0,002	FALSE
0,077	0,274	0,004	0,015	0,114	FALSE
0,126	0,287	0,002	0,010	0,078	FALSE
0,050	0,291	0,001	0,012	0,030	FALSE
0,089	0,280	0,005	0,016	0,131	FALSE
0,084	0,288	0,006	0,016	0,139	FALSE
-0,009	0,282	-0,002	0,011	0,061	FALSE
-0,018	0,298	-0,001	0,018	0,016	FALSE
-0,008	0,289	-0,001	0,017	0,017	FALSE
-0,100	0,276	-0,005	0,012	0,156	FALSE
-0,023	0,286	-0,002	0,015	0,057	FALSE
0,079	0,283	0,005	0,013	0,150	FALSE
0,195	0,276	0,011	0,017	0,277	FALSE
-0,105	0,280	-0,003	0,012	0,095	FALSE
0,048	0,287	0,002	0,009	0,066	FALSE
0,010	0,283	0,000	0,009	0,016	FALSE
-0,059	0,292	0,000	0,010	0,004	FALSE
0,016	0,283	0,001	0,015	0,017	FALSE
-0,100	0,279	-0,002	0,011	0,069	FALSE
0,134	0,280	0,007	0,014	0,208	FALSE
0,028	0,278	0,001	0,010	0,037	FALSE
-0,023	0,291	-0,001	0,010	0,026	FALSE
0,203	0,276	0,009	0,011	0,371	FALSE
-0,021	0,280	0,001	0,009	0,026	FALSE
0,020	0,281	0,001	0,014	0,035	FALSE
0,024	0,287	0,001	0,011	0,031	FALSE
0,173	0,271	0,007	0,012	0,240	FALSE
0,111	0,280	0,005	0,011	0,170	FALSE
0,099	0,286	0,003	0,011	0,088	FALSE
0,037	0,283	0,001	0,008	0,051	FALSE
0,062	0,280	0,001	0,016	0,025	FALSE
-0,070	0,291	-0,001	0,013	0,024	FALSE
0,253	0,270	0,010	0,013	0,343	FALSE
0,082	0,286	0,004	0,017	0,103	FALSE
0,086	0,275	0,005	0,017	0,120	FALSE
-0,065	0,297	-0,002	0,013	0,045	FALSE

0,040	0,287	0,001	0,013	0,035	FALSE
-0,003	0,281	0,000	0,017	0,009	FALSE
-0,166	0,285	-0,007	0,012	0,232	FALSE
-0,031	0,280	-0,002	0,012	0,055	FALSE
-0,108	0,286	-0,003	0,009	0,128	FALSE
0,110	0,278	0,005	0,012	0,151	FALSE
-0,143	0,287	-0,004	0,010	0,189	FALSE
0,162	0,292	0,005	0,011	0,213	FALSE
-0,039	0,276	-0,001	0,010	0,038	FALSE
-0,117	0,285	-0,007	0,015	0,195	FALSE
0,083	0,292	0,003	0,010	0,103	FALSE
-0,100	0,263	-0,002	0,014	0,064	FALSE
0,127	0,270	0,004	0,015	0,118	FALSE
0,121	0,283	0,007	0,012	0,229	FALSE
0,080	0,275	0,004	0,014	0,098	FALSE
0,146	0,270	0,006	0,013	0,173	FALSE
0,055	0,283	0,000	0,011	0,001	FALSE
0,107	0,285	0,006	0,018	0,133	FALSE
-0,018	0,288	-0,002	0,016	0,034	FALSE
0,078	0,285	0,003	0,015	0,082	FALSE
-0,069	0,296	-0,003	0,011	0,113	FALSE
0,036	0,288	0,002	0,016	0,040	FALSE
0,097	0,287	0,006	0,016	0,143	FALSE
0,170	0,278	0,005	0,010	0,227	FALSE
-0,090	0,278	-0,003	0,010	0,103	FALSE
-0,112	0,292	-0,008	0,018	0,177	FALSE
0,008	0,281	0,002	0,009	0,106	FALSE
0,144	0,281	0,004	0,009	0,156	FALSE
-0,086	0,268	-0,006	0,013	0,179	FALSE
-0,080	0,275	-0,005	0,013	0,153	FALSE
0,159	0,296	0,007	0,012	0,240	FALSE
0,013	0,280	0,000	0,011	0,000	FALSE
0,133	0,283	0,004	0,010	0,163	FALSE
-0,064	0,290	-0,004	0,016	0,101	FALSE
-0,040	0,279	0,001	0,012	0,017	FALSE
-0,011	0,274	0,002	0,012	0,061	FALSE
0,142	0,287	0,008	0,017	0,186	FALSE
-0,090	0,287	-0,003	0,012	0,085	FALSE
-0,039	0,281	0,001	0,012	0,031	FALSE
-0,035	0,277	-0,003	0,010	0,098	FALSE
0,132	0,290	0,008	0,017	0,209	FALSE
0,099	0,272	0,004	0,014	0,115	FALSE
0,030	0,267	0,000	0,014	0,013	FALSE
0,062	0,275	0,003	0,014	0,071	FALSE
0,028	0,276	0,001	0,014	0,027	FALSE
0,097	0,261	0,006	0,015	0,179	FALSE
-0,012	0,277	0,001	0,013	0,036	FALSE
0,166	0,270	0,009	0,017	0,204	FALSE
0,089	0,278	0,004	0,018	0,091	FALSE
0,212	0,269	0,004	0,008	0,227	FALSE
0,096	0,279	0,005	0,010	0,225	FALSE
-0,033	0,299	-0,001	0,018	0,030	FALSE
-0,001	0,278	0,000	0,008	0,016	FALSE

0,033	0,268	0,001	0,010	0,024	FALSE
0,121	0,283	0,004	0,010	0,147	FALSE
-0,018	0,283	0,000	0,012	0,002	FALSE
0,077	0,278	0,003	0,009	0,130	FALSE
-0,055	0,281	-0,005	0,017	0,116	FALSE
-0,020	0,284	-0,002	0,018	0,047	FALSE
0,040	0,283	0,001	0,012	0,042	FALSE
0,026	0,279	0,002	0,011	0,069	FALSE
0,090	0,295	0,005	0,018	0,116	FALSE
-0,065	0,283	0,000	0,008	0,019	FALSE
0,036	0,294	0,000	0,012	0,015	FALSE
-0,152	0,283	-0,006	0,015	0,170	FALSE
0,027	0,297	0,000	0,011	0,005	FALSE
0,085	0,285	0,005	0,014	0,128	FALSE
-0,051	0,271	-0,002	0,013	0,059	FALSE
0,124	0,285	0,006	0,014	0,196	FALSE
-0,044	0,286	-0,002	0,015	0,048	FALSE
0,048	0,292	0,002	0,009	0,082	FALSE
0,200	0,273	0,009	0,011	0,372	FALSE
-0,124	0,292	-0,003	0,012	0,099	FALSE
-0,167	0,284	-0,008	0,015	0,211	FALSE
-0,122	0,291	-0,007	0,013	0,204	FALSE
-0,076	0,296	-0,003	0,012	0,085	FALSE
0,015	0,284	0,000	0,011	0,009	FALSE
0,098	0,275	0,003	0,010	0,125	FALSE
-0,213	0,272	-0,007	0,010	0,283	FALSE
0,044	0,302	0,001	0,014	0,032	FALSE
-0,018	0,285	-0,002	0,010	0,088	FALSE
-0,124	0,279	-0,004	0,009	0,169	FALSE
-0,122	0,275	-0,003	0,012	0,085	FALSE
-0,001	0,285	0,001	0,014	0,032	FALSE
-0,088	0,293	-0,005	0,018	0,117	FALSE
-0,054	0,287	-0,004	0,018	0,079	FALSE
-0,186	0,276	-0,009	0,016	0,236	FALSE
-0,140	0,301	-0,003	0,009	0,153	FALSE
-0,152	0,299	-0,004	0,009	0,163	FALSE
-0,156	0,292	-0,004	0,008	0,176	FALSE
0,008	0,290	0,000	0,011	0,002	FALSE
0,261	0,271	0,010	0,011	0,438	FALSE
-0,185	0,282	-0,006	0,010	0,271	FALSE
-0,245	0,277	-0,007	0,010	0,344	FALSE
-0,092	0,284	-0,004	0,015	0,087	FALSE
-0,069	0,293	-0,004	0,015	0,099	FALSE
-0,140	0,292	-0,004	0,010	0,169	FALSE
-0,043	0,290	-0,003	0,016	0,062	FALSE
-0,024	0,274	-0,002	0,017	0,050	FALSE
-0,089	0,288	-0,004	0,017	0,086	FALSE
0,153	0,259	0,005	0,008	0,251	FALSE
-0,144	0,273	-0,008	0,012	0,299	FALSE
0,035	0,283	-0,002	0,012	0,059	FALSE
-0,055	0,278	-0,005	0,016	0,107	FALSE
0,051	0,283	0,003	0,011	0,095	FALSE
-0,023	0,286	-0,001	0,013	0,019	FALSE

0,170	0,265	0,005	0,010	0,188	FALSE
0,126	0,285	0,003	0,011	0,127	FALSE
0,111	0,283	0,003	0,011	0,127	FALSE
-0,188	0,287	-0,007	0,016	0,175	FALSE
0,090	0,288	0,005	0,015	0,142	FALSE
0,037	0,306	0,003	0,018	0,056	FALSE
0,064	0,284	0,002	0,015	0,043	FALSE
0,043	0,292	0,001	0,015	0,012	FALSE
0,140	0,254	0,006	0,012	0,209	FALSE
0,031	0,267	0,001	0,011	0,042	FALSE
-0,088	0,275	-0,007	0,017	0,162	FALSE
0,075	0,296	0,003	0,013	0,076	FALSE
0,092	0,291	0,002	0,010	0,081	FALSE
0,093	0,289	0,004	0,009	0,158	FALSE
0,025	0,279	0,001	0,011	0,034	FALSE
0,050	0,263	0,002	0,012	0,063	FALSE
0,177	0,287	0,008	0,012	0,274	FALSE
0,301	0,268	0,011	0,011	0,552	FALSE
-0,068	0,291	-0,002	0,017	0,047	FALSE
-0,113	0,287	-0,003	0,009	0,146	FALSE
-0,081	0,273	-0,004	0,010	0,155	FALSE
-0,007	0,289	-0,001	0,008	0,051	FALSE
0,028	0,301	0,001	0,017	0,012	FALSE
0,070	0,288	0,004	0,017	0,085	FALSE
0,205	0,284	0,009	0,012	0,339	FALSE
-0,099	0,278	-0,006	0,014	0,168	FALSE
-0,119	0,281	-0,006	0,014	0,186	FALSE
0,052	0,293	0,002	0,009	0,086	FALSE
0,068	0,284	0,002	0,014	0,053	FALSE
-0,013	0,292	-0,001	0,010	0,046	FALSE
0,120	0,292	0,005	0,015	0,124	FALSE
0,056	0,291	0,004	0,013	0,111	FALSE
0,203	0,269	0,006	0,014	0,174	FALSE
-0,126	0,289	-0,003	0,010	0,110	FALSE
-0,048	0,285	-0,001	0,010	0,025	FALSE
-0,076	0,280	-0,006	0,014	0,170	FALSE
-0,004	0,274	0,001	0,010	0,044	FALSE
-0,087	0,274	-0,003	0,008	0,164	FALSE
0,171	0,292	0,013	0,018	0,330	FALSE
-0,023	0,282	0,000	0,012	0,006	FALSE
-0,075	0,292	-0,002	0,015	0,046	FALSE
0,020	0,290	0,002	0,015	0,057	FALSE
0,057	0,296	0,002	0,013	0,069	FALSE
-0,059	0,279	-0,003	0,010	0,123	FALSE
-0,001	0,279	0,000	0,010	0,008	FALSE
0,073	0,278	0,003	0,009	0,119	FALSE
0,017	0,296	-0,001	0,014	0,027	FALSE
0,051	0,279	-0,001	0,016	0,014	FALSE
-0,076	0,282	-0,002	0,011	0,051	FALSE
0,064	0,264	0,002	0,015	0,049	FALSE
0,026	0,276	0,003	0,010	0,098	FALSE
-0,049	0,291	-0,003	0,015	0,075	FALSE
0,040	0,283	0,004	0,012	0,127	FALSE

0,072	0,281	0,001	0,013	0,016	FALSE
0,121	0,277	0,009	0,015	0,251	FALSE
-0,002	0,287	-0,002	0,017	0,055	FALSE
-0,043	0,269	-0,002	0,016	0,034	FALSE
0,109	0,285	0,002	0,009	0,101	FALSE
0,166	0,280	0,008	0,013	0,268	FALSE
0,088	0,274	0,006	0,018	0,143	FALSE
0,174	0,281	0,007	0,011	0,284	FALSE
0,079	0,286	0,003	0,013	0,076	FALSE
-0,013	0,293	-0,001	0,017	0,017	FALSE
0,054	0,271	0,002	0,012	0,059	FALSE
-0,105	0,286	-0,005	0,017	0,125	FALSE
-0,135	0,283	-0,007	0,016	0,170	FALSE
-0,375	0,258	-0,018	0,014	0,724	FALSE
0,126	0,274	0,006	0,016	0,138	FALSE
0,082	0,284	0,003	0,012	0,111	FALSE
-0,026	0,287	-0,001	0,016	0,029	FALSE
0,000	0,287	0,000	0,012	0,008	FALSE
-0,007	0,291	0,000	0,012	0,011	FALSE
0,150	0,278	0,007	0,013	0,219	FALSE
-0,084	0,280	-0,005	0,018	0,098	FALSE
0,211	0,276	0,012	0,015	0,355	FALSE
-0,174	0,289	-0,004	0,011	0,155	FALSE
0,060	0,290	0,003	0,017	0,060	FALSE
-0,112	0,298	-0,006	0,014	0,170	FALSE
-0,170	0,266	-0,013	0,016	0,378	FALSE
0,284	0,260	0,009	0,010	0,398	FALSE
0,350	0,256	0,021	0,017	0,659	FALSE
0,120	0,287	0,006	0,015	0,163	FALSE
0,074	0,282	0,003	0,015	0,081	FALSE
0,040	0,277	0,002	0,016	0,058	FALSE
0,122	0,279	0,004	0,011	0,138	FALSE
0,107	0,292	0,004	0,015	0,113	FALSE
0,001	0,290	-0,001	0,016	0,022	FALSE
0,120	0,284	0,005	0,015	0,139	FALSE
-0,244	0,274	-0,009	0,011	0,375	FALSE
-0,057	0,299	-0,002	0,015	0,059	FALSE
0,076	0,285	0,004	0,011	0,143	FALSE
-0,011	0,285	-0,002	0,014	0,039	FALSE
-0,070	0,300	-0,001	0,014	0,016	FALSE
0,036	0,276	0,002	0,010	0,056	FALSE
0,009	0,281	0,001	0,011	0,036	FALSE
-0,075	0,284	-0,001	0,009	0,057	FALSE
-0,009	0,294	0,001	0,015	0,026	FALSE
-0,134	0,280	-0,006	0,017	0,146	FALSE
-0,180	0,273	-0,009	0,017	0,224	FALSE
-0,148	0,263	-0,008	0,017	0,204	FALSE
0,129	0,292	0,005	0,019	0,104	FALSE
-0,097	0,292	-0,004	0,017	0,101	FALSE
-0,076	0,297	-0,006	0,017	0,132	FALSE
-0,061	0,280	-0,003	0,014	0,072	FALSE
-0,066	0,295	-0,003	0,013	0,081	FALSE
-0,030	0,280	-0,003	0,018	0,064	FALSE

0,046	0,287	0,003	0,014	0,090	FALSE
-0,032	0,280	-0,002	0,013	0,048	FALSE
-0,128	0,289	-0,006	0,017	0,148	FALSE
-0,195	0,288	-0,007	0,010	0,276	FALSE
0,074	0,293	0,003	0,013	0,080	FALSE
0,112	0,288	0,004	0,011	0,124	FALSE
0,050	0,284	0,001	0,009	0,061	FALSE
0,050	0,283	0,000	0,015	0,003	FALSE
0,078	0,290	0,001	0,016	0,026	FALSE
0,125	0,287	0,007	0,014	0,212	FALSE
-0,123	0,275	-0,008	0,017	0,196	FALSE
0,017	0,274	0,001	0,010	0,035	FALSE
0,091	0,274	0,008	0,017	0,201	FALSE
-0,002	0,286	0,001	0,008	0,048	FALSE
0,035	0,288	0,001	0,009	0,050	FALSE
0,083	0,274	0,002	0,009	0,102	FALSE
-0,015	0,298	-0,001	0,017	0,029	FALSE
0,072	0,292	0,002	0,018	0,045	FALSE
0,085	0,283	0,002	0,010	0,080	FALSE
0,065	0,295	0,003	0,017	0,063	FALSE
-0,105	0,298	-0,003	0,010	0,111	FALSE
0,053	0,294	0,002	0,009	0,070	FALSE
0,014	0,303	0,002	0,015	0,044	FALSE
-0,053	0,262	-0,002	0,015	0,062	FALSE
-0,036	0,265	-0,001	0,016	0,029	FALSE
0,044	0,258	0,003	0,016	0,073	FALSE
-0,102	0,275	-0,005	0,012	0,154	FALSE
-0,069	0,271	-0,002	0,016	0,047	FALSE
-0,040	0,282	-0,003	0,012	0,090	FALSE
0,035	0,287	0,006	0,016	0,142	FALSE
-0,042	0,270	-0,002	0,015	0,060	FALSE
0,031	0,281	0,002	0,014	0,060	FALSE
-0,044	0,272	-0,003	0,012	0,087	FALSE
-0,052	0,279	-0,005	0,015	0,119	FALSE
-0,025	0,289	-0,001	0,018	0,011	FALSE
0,093	0,279	0,006	0,016	0,137	FALSE
-0,005	0,281	-0,004	0,016	0,094	FALSE
-0,046	0,295	-0,002	0,009	0,082	FALSE
-0,134	0,293	-0,008	0,018	0,179	FALSE
0,145	0,268	0,007	0,013	0,208	FALSE
-0,226	0,281	-0,009	0,012	0,317	FALSE
-0,123	0,286	-0,004	0,010	0,170	FALSE
0,126	0,280	0,007	0,015	0,186	FALSE
-0,165	0,296	-0,006	0,012	0,230	FALSE
0,055	0,287	0,002	0,013	0,057	FALSE
0,028	0,286	0,001	0,017	0,024	FALSE
0,040	0,286	0,001	0,017	0,012	FALSE
0,131	0,291	0,006	0,012	0,202	FALSE
0,187	0,290	0,008	0,014	0,236	FALSE
0,185	0,273	0,007	0,013	0,251	FALSE
0,005	0,291	0,000	0,011	0,002	FALSE
0,197	0,277	0,011	0,016	0,296	FALSE
0,177	0,271	0,009	0,016	0,254	FALSE

0,185	0,289	0,010	0,017	0,252	FALSE
-0,022	0,290	-0,001	0,009	0,050	FALSE
0,010	0,293	0,000	0,012	0,010	FALSE
-0,049	0,289	-0,002	0,012	0,050	FALSE
-0,099	0,287	-0,004	0,012	0,130	FALSE
-0,016	0,288	0,000	0,015	0,003	FALSE
0,006	0,291	0,002	0,016	0,037	FALSE
0,031	0,304	0,002	0,016	0,056	FALSE
0,124	0,282	0,006	0,011	0,225	FALSE
0,002	0,283	0,001	0,015	0,023	FALSE
0,043	0,264	0,007	0,016	0,169	FALSE
0,122	0,290	0,004	0,009	0,192	FALSE
0,004	0,302	0,001	0,011	0,033	FALSE
0,022	0,280	0,000	0,010	0,005	FALSE
0,070	0,284	0,002	0,013	0,047	FALSE
-0,190	0,267	-0,009	0,018	0,212	FALSE
0,005	0,284	-0,001	0,011	0,037	FALSE
0,061	0,267	0,004	0,012	0,137	FALSE
-0,006	0,299	0,000	0,011	0,007	FALSE
-0,041	0,275	-0,001	0,010	0,038	FALSE
-0,037	0,290	-0,002	0,015	0,047	FALSE
0,115	0,271	0,005	0,015	0,138	FALSE
-0,188	0,281	-0,009	0,016	0,249	FALSE
-0,013	0,280	-0,002	0,015	0,054	FALSE
0,014	0,285	-0,003	0,016	0,067	FALSE
-0,098	0,279	-0,002	0,010	0,090	FALSE
0,034	0,278	-0,002	0,015	0,042	FALSE
0,049	0,282	-0,001	0,015	0,018	FALSE
-0,019	0,292	-0,001	0,018	0,024	FALSE
0,083	0,290	0,005	0,016	0,119	FALSE
0,140	0,287	0,010	0,017	0,245	FALSE
0,082	0,283	0,006	0,014	0,165	FALSE
-0,141	0,286	-0,005	0,012	0,170	FALSE
-0,016	0,278	-0,002	0,017	0,036	FALSE
-0,026	0,269	-0,002	0,017	0,044	FALSE
0,102	0,287	0,007	0,018	0,168	FALSE
-0,136	0,283	-0,008	0,015	0,234	FALSE
0,027	0,270	0,004	0,015	0,114	FALSE
0,064	0,283	0,005	0,014	0,147	FALSE
-0,010	0,277	-0,002	0,016	0,036	FALSE
-0,224	0,265	-0,010	0,017	0,251	FALSE
0,146	0,268	0,008	0,013	0,266	FALSE
0,168	0,272	0,008	0,013	0,283	FALSE
-0,100	0,277	-0,005	0,017	0,120	FALSE
-0,022	0,275	-0,003	0,015	0,079	FALSE
0,089	0,292	0,005	0,014	0,140	FALSE
0,030	0,273	0,000	0,012	0,011	FALSE
0,141	0,271	0,004	0,011	0,141	FALSE
0,008	0,285	0,000	0,013	0,003	FALSE
-0,005	0,291	-0,001	0,014	0,016	FALSE
-0,120	0,286	-0,008	0,015	0,220	FALSE
-0,017	0,287	-0,002	0,017	0,044	FALSE
0,144	0,279	0,008	0,017	0,206	FALSE

0,276	0,276	0,007	0,009	0,379	FALSE
0,150	0,281	0,006	0,012	0,223	FALSE
-0,157	0,276	-0,008	0,016	0,222	FALSE
-0,002	0,284	0,001	0,009	0,032	FALSE
-0,071	0,295	-0,001	0,009	0,028	FALSE
-0,110	0,283	-0,002	0,011	0,069	FALSE
-0,095	0,290	-0,002	0,011	0,063	FALSE
0,116	0,263	0,003	0,017	0,057	FALSE
0,128	0,283	0,004	0,018	0,082	FALSE
0,111	0,273	0,003	0,017	0,059	FALSE
0,153	0,281	0,007	0,017	0,159	FALSE
-0,099	0,280	-0,002	0,012	0,062	FALSE
-0,024	0,288	0,000	0,017	0,004	FALSE
0,067	0,279	0,006	0,016	0,138	FALSE
0,120	0,275	0,009	0,015	0,240	FALSE
0,060	0,277	0,005	0,015	0,139	FALSE
-0,030	0,275	-0,005	0,014	0,141	FALSE
0,062	0,271	0,005	0,015	0,134	FALSE
0,045	0,286	0,005	0,016	0,122	FALSE
0,058	0,272	0,006	0,015	0,142	FALSE
0,098	0,282	0,002	0,008	0,090	FALSE
0,109	0,287	0,003	0,009	0,117	FALSE
0,098	0,277	0,003	0,010	0,131	FALSE
-0,018	0,301	0,000	0,014	0,007	FALSE
0,005	0,298	0,001	0,010	0,047	FALSE
-0,058	0,293	-0,001	0,012	0,023	FALSE
-0,039	0,291	-0,001	0,010	0,025	FALSE
-0,081	0,275	-0,002	0,011	0,066	FALSE
-0,080	0,295	-0,001	0,009	0,038	FALSE
0,117	0,286	0,006	0,016	0,161	FALSE
-0,028	0,284	0,000	0,015	0,005	FALSE
0,030	0,263	0,006	0,016	0,136	FALSE
-0,057	0,261	-0,006	0,016	0,158	FALSE
0,035	0,279	0,002	0,009	0,082	FALSE
0,134	0,287	0,007	0,015	0,204	FALSE
0,014	0,288	0,000	0,015	0,007	FALSE
0,072	0,291	0,005	0,017	0,102	FALSE
0,041	0,292	0,003	0,017	0,060	FALSE
0,145	0,305	0,007	0,014	0,216	FALSE
-0,183	0,290	-0,005	0,010	0,200	FALSE
-0,220	0,273	-0,009	0,012	0,351	FALSE
0,164	0,276	0,005	0,010	0,214	FALSE
0,066	0,267	0,006	0,017	0,128	FALSE
0,086	0,266	0,007	0,017	0,175	FALSE
0,111	0,276	0,009	0,018	0,204	FALSE
0,018	0,275	0,002	0,011	0,068	FALSE
-0,185	0,293	-0,008	0,012	0,284	FALSE
-0,175	0,278	-0,007	0,011	0,305	FALSE
0,052	0,285	0,001	0,014	0,018	FALSE
0,045	0,285	0,000	0,010	0,017	FALSE
-0,035	0,282	-0,004	0,015	0,112	FALSE
-0,213	0,280	-0,010	0,014	0,323	FALSE
0,029	0,297	0,002	0,016	0,055	FALSE

-0,003	0,293	0,000	0,009	0,001	FALSE
-0,074	0,288	-0,005	0,015	0,119	FALSE
-0,094	0,268	-0,005	0,015	0,119	FALSE
-0,007	0,289	-0,001	0,015	0,016	FALSE
0,066	0,273	0,002	0,016	0,051	FALSE
-0,010	0,279	0,000	0,011	0,014	FALSE
0,041	0,283	0,002	0,015	0,049	FALSE
-0,112	0,294	-0,006	0,013	0,214	FALSE
-0,125	0,280	-0,006	0,016	0,151	FALSE
0,056	0,289	0,001	0,010	0,042	FALSE
0,048	0,288	-0,001	0,016	0,018	FALSE
0,143	0,274	0,007	0,011	0,251	FALSE
-0,053	0,288	-0,004	0,012	0,120	FALSE
-0,043	0,276	-0,001	0,009	0,050	FALSE
0,202	0,284	0,010	0,016	0,265	FALSE
-0,004	0,281	-0,001	0,011	0,030	FALSE
0,022	0,275	0,001	0,018	0,015	FALSE
-0,039	0,273	-0,002	0,014	0,051	FALSE
0,023	0,285	0,002	0,012	0,060	FALSE
0,015	0,290	0,002	0,012	0,059	FALSE
-0,047	0,275	-0,003	0,011	0,095	FALSE
0,034	0,289	0,003	0,011	0,087	FALSE
0,055	0,292	0,003	0,012	0,086	FALSE
0,103	0,268	0,008	0,013	0,273	FALSE
-0,046	0,289	-0,004	0,015	0,098	FALSE
-0,163	0,280	-0,009	0,018	0,208	FALSE
0,012	0,281	-0,001	0,009	0,056	FALSE
-0,082	0,283	-0,004	0,013	0,120	FALSE
0,172	0,281	0,010	0,017	0,235	FALSE
0,127	0,270	0,004	0,009	0,178	FALSE
0,041	0,274	0,003	0,012	0,085	FALSE
0,111	0,272	0,007	0,016	0,182	FALSE
0,038	0,295	0,002	0,017	0,050	FALSE
-0,055	0,273	-0,001	0,010	0,031	FALSE
0,031	0,290	0,000	0,012	0,006	FALSE
0,040	0,272	0,002	0,014	0,039	FALSE
0,172	0,270	0,008	0,014	0,246	FALSE
0,084	0,276	0,002	0,009	0,073	FALSE
0,100	0,279	0,003	0,009	0,114	FALSE
0,034	0,289	0,001	0,009	0,028	FALSE
-0,042	0,283	-0,003	0,018	0,054	FALSE
-0,083	0,276	-0,005	0,017	0,110	FALSE
0,089	0,271	0,005	0,013	0,159	FALSE
-0,049	0,274	-0,003	0,015	0,070	FALSE
-0,144	0,285	-0,005	0,011	0,172	FALSE
-0,105	0,287	-0,004	0,013	0,127	FALSE
-0,002	0,280	0,000	0,015	0,007	FALSE
0,013	0,278	0,000	0,009	0,010	FALSE
-0,001	0,289	-0,001	0,012	0,030	FALSE
-0,088	0,280	-0,003	0,012	0,106	FALSE
-0,067	0,277	-0,002	0,016	0,039	FALSE
0,034	0,286	0,002	0,009	0,068	FALSE
-0,058	0,292	-0,002	0,010	0,084	FALSE

-0,091	0,280	-0,004	0,013	0,122	FALSE
-0,049	0,273	-0,002	0,010	0,080	FALSE
-0,035	0,281	-0,001	0,010	0,035	FALSE
-0,084	0,280	-0,004	0,013	0,135	FALSE
-0,014	0,275	-0,001	0,017	0,014	FALSE
-0,107	0,291	-0,008	0,017	0,192	FALSE
-0,064	0,289	-0,002	0,011	0,053	FALSE
-0,073	0,287	-0,002	0,011	0,065	FALSE
0,214	0,264	0,008	0,011	0,328	FALSE
0,049	0,297	0,003	0,016	0,072	FALSE
0,075	0,280	0,004	0,010	0,161	FALSE
0,023	0,287	0,000	0,010	0,007	FALSE
-0,043	0,264	-0,002	0,016	0,049	FALSE
-0,129	0,280	-0,006	0,013	0,194	FALSE
-0,104	0,299	-0,002	0,010	0,067	FALSE
0,113	0,286	0,004	0,016	0,100	FALSE
-0,160	0,296	-0,005	0,012	0,167	FALSE
0,066	0,282	0,002	0,013	0,050	FALSE
0,115	0,266	0,003	0,008	0,135	FALSE
0,130	0,290	0,005	0,011	0,197	FALSE
-0,047	0,286	-0,004	0,017	0,092	FALSE
0,046	0,289	0,001	0,017	0,030	FALSE
0,046	0,276	0,001	0,018	0,026	FALSE
-0,085	0,286	-0,004	0,016	0,098	FALSE
0,028	0,286	0,001	0,008	0,065	FALSE
0,149	0,270	0,010	0,015	0,291	FALSE
0,097	0,266	0,007	0,016	0,185	FALSE
-0,060	0,285	-0,002	0,009	0,081	FALSE
-0,047	0,270	-0,004	0,017	0,087	FALSE
0,168	0,286	0,011	0,016	0,317	FALSE
-0,016	0,282	-0,002	0,011	0,083	FALSE
-0,159	0,282	-0,011	0,017	0,294	FALSE
0,092	0,278	0,005	0,016	0,108	FALSE
0,159	0,264	0,007	0,009	0,339	FALSE
-0,149	0,280	-0,006	0,016	0,156	FALSE
-0,088	0,276	-0,004	0,011	0,135	FALSE
0,034	0,286	0,002	0,015	0,053	FALSE
0,029	0,271	0,002	0,014	0,046	FALSE
-0,035	0,296	-0,002	0,017	0,048	FALSE
0,032	0,271	0,001	0,013	0,036	FALSE
0,021	0,266	0,000	0,013	0,006	FALSE
0,049	0,286	0,002	0,010	0,075	FALSE
0,003	0,268	-0,001	0,016	0,016	FALSE
-0,179	0,279	-0,005	0,008	0,289	FALSE
-0,023	0,291	-0,002	0,015	0,063	FALSE
0,030	0,289	0,000	0,009	0,020	FALSE
-0,108	0,266	-0,005	0,015	0,129	FALSE
0,085	0,286	0,004	0,016	0,090	FALSE
0,007	0,269	0,003	0,014	0,066	FALSE
0,016	0,288	0,001	0,013	0,028	FALSE
0,044	0,291	0,005	0,012	0,163	FALSE
-0,057	0,292	-0,002	0,014	0,040	FALSE
0,121	0,276	0,006	0,013	0,200	FALSE

0,161	0,275	0,006	0,011	0,205	FALSE
-0,007	0,291	-0,001	0,014	0,013	FALSE
0,083	0,287	0,004	0,015	0,091	FALSE
0,192	0,281	0,008	0,013	0,289	FALSE
-0,028	0,282	-0,001	0,010	0,032	FALSE
0,066	0,275	0,004	0,010	0,141	FALSE
-0,066	0,292	-0,003	0,013	0,072	FALSE
-0,045	0,290	-0,002	0,016	0,050	FALSE
0,112	0,279	0,005	0,011	0,163	FALSE
0,093	0,294	0,003	0,010	0,129	FALSE
0,021	0,293	0,001	0,017	0,019	FALSE
-0,069	0,278	-0,003	0,010	0,129	FALSE
0,122	0,274	0,005	0,014	0,156	FALSE
-0,035	0,279	-0,003	0,017	0,057	FALSE
0,049	0,280	0,000	0,017	0,004	FALSE
-0,180	0,276	-0,007	0,012	0,249	FALSE
-0,106	0,285	-0,007	0,017	0,154	FALSE
-0,152	0,275	-0,007	0,015	0,187	FALSE
-0,071	0,292	-0,002	0,010	0,078	FALSE
0,011	0,273	-0,002	0,016	0,055	FALSE
-0,009	0,295	-0,002	0,017	0,047	FALSE
0,014	0,290	0,001	0,012	0,028	FALSE
-0,033	0,266	0,000	0,016	0,001	FALSE
0,094	0,289	0,005	0,010	0,191	FALSE
-0,003	0,265	0,004	0,015	0,100	FALSE
0,007	0,287	0,002	0,012	0,072	FALSE
-0,156	0,290	-0,008	0,018	0,171	FALSE
-0,141	0,275	-0,007	0,017	0,179	FALSE
0,181	0,274	0,006	0,010	0,260	FALSE
0,057	0,274	0,002	0,017	0,046	FALSE
0,215	0,268	0,008	0,012	0,282	FALSE
-0,099	0,281	-0,005	0,014	0,147	FALSE
0,068	0,288	0,003	0,017	0,062	FALSE
-0,106	0,268	-0,004	0,011	0,167	FALSE
-0,004	0,287	-0,001	0,013	0,025	FALSE
0,122	0,267	0,003	0,008	0,152	FALSE
0,208	0,270	0,009	0,013	0,311	FALSE
0,189	0,284	0,005	0,009	0,233	FALSE
-0,002	0,282	0,000	0,009	0,013	FALSE
0,119	0,271	0,002	0,013	0,063	FALSE
0,027	0,283	0,000	0,017	0,001	FALSE
0,029	0,287	0,000	0,017	0,002	FALSE
-0,173	0,286	-0,006	0,011	0,261	FALSE
0,160	0,280	0,004	0,009	0,190	FALSE
-0,133	0,282	-0,007	0,016	0,175	FALSE
-0,062	0,274	-0,005	0,017	0,120	FALSE
0,217	0,271	0,012	0,017	0,322	FALSE
-0,052	0,281	-0,002	0,010	0,067	FALSE
-0,189	0,282	-0,011	0,018	0,275	FALSE
0,004	0,267	0,002	0,008	0,071	FALSE
0,168	0,278	0,006	0,011	0,227	FALSE
0,012	0,254	0,001	0,012	0,017	FALSE
-0,035	0,286	-0,002	0,011	0,063	FALSE

0,002	0,288	0,003	0,016	0,073	FALSE
-0,131	0,290	-0,005	0,015	0,135	FALSE
-0,094	0,285	-0,005	0,014	0,146	FALSE
-0,217	0,280	-0,011	0,016	0,309	FALSE
-0,035	0,285	-0,003	0,017	0,071	FALSE
-0,062	0,284	-0,005	0,017	0,111	FALSE
0,050	0,282	0,003	0,009	0,149	FALSE
0,037	0,290	0,002	0,012	0,064	FALSE
-0,027	0,286	-0,003	0,018	0,064	FALSE
-0,027	0,287	-0,001	0,017	0,011	FALSE
-0,030	0,284	-0,002	0,012	0,067	FALSE
0,135	0,273	0,005	0,014	0,134	FALSE
-0,140	0,296	-0,008	0,015	0,238	FALSE
0,005	0,292	0,001	0,015	0,018	FALSE
0,106	0,270	0,006	0,012	0,216	FALSE
-0,135	0,275	-0,004	0,010	0,176	FALSE
0,103	0,298	0,004	0,015	0,097	FALSE
-0,007	0,281	-0,002	0,014	0,043	FALSE
0,066	0,296	0,003	0,015	0,075	FALSE
0,039	0,294	0,001	0,017	0,025	FALSE
-0,120	0,283	-0,008	0,016	0,203	FALSE
-0,004	0,277	0,001	0,013	0,024	FALSE
0,133	0,282	0,005	0,010	0,199	FALSE
-0,218	0,283	-0,010	0,013	0,340	FALSE
-0,127	0,274	-0,005	0,017	0,120	FALSE
0,088	0,277	0,006	0,017	0,134	FALSE
0,102	0,276	0,003	0,016	0,080	FALSE
0,056	0,279	0,002	0,017	0,051	FALSE
-0,026	0,288	0,000	0,017	0,002	FALSE
0,068	0,283	0,003	0,015	0,089	FALSE
0,204	0,268	0,007	0,010	0,332	FALSE
0,028	0,276	0,001	0,011	0,023	FALSE
-0,047	0,261	-0,003	0,013	0,082	FALSE
0,012	0,275	0,002	0,014	0,042	FALSE
0,058	0,274	0,002	0,009	0,085	FALSE
-0,056	0,295	0,001	0,011	0,026	FALSE
-0,026	0,277	0,002	0,014	0,053	FALSE
-0,152	0,284	-0,006	0,012	0,217	FALSE
0,008	0,290	0,001	0,017	0,029	FALSE
-0,082	0,274	-0,003	0,012	0,078	FALSE
-0,035	0,297	0,000	0,010	0,003	FALSE
0,047	0,282	0,003	0,013	0,083	FALSE
-0,031	0,290	-0,004	0,017	0,078	FALSE
-0,039	0,289	-0,004	0,017	0,076	FALSE
-0,009	0,284	-0,002	0,017	0,045	FALSE
-0,207	0,280	-0,007	0,011	0,263	FALSE
-0,001	0,290	0,000	0,009	0,006	FALSE
-0,087	0,283	-0,003	0,010	0,128	FALSE
-0,056	0,290	-0,002	0,009	0,069	FALSE
0,013	0,290	-0,001	0,012	0,038	FALSE
-0,055	0,288	-0,001	0,017	0,023	FALSE
-0,037	0,286	0,000	0,014	0,012	FALSE
-0,058	0,286	-0,001	0,014	0,030	FALSE

-0,027	0,280	-0,001	0,017	0,026	FALSE
-0,008	0,293	0,001	0,009	0,038	FALSE
0,006	0,285	0,001	0,008	0,047	FALSE
0,193	0,282	0,005	0,010	0,204	FALSE
0,035	0,282	0,000	0,011	0,004	FALSE
0,267	0,251	0,007	0,009	0,406	FALSE
-0,074	0,284	-0,004	0,011	0,143	FALSE
-0,066	0,291	-0,001	0,014	0,020	FALSE
-0,068	0,286	-0,003	0,015	0,082	FALSE
-0,266	0,279	-0,014	0,016	0,400	FALSE
0,070	0,291	0,004	0,012	0,121	FALSE
-0,089	0,294	-0,002	0,011	0,075	FALSE
0,055	0,295	0,001	0,012	0,036	FALSE
0,062	0,290	0,004	0,014	0,118	FALSE
-0,027	0,285	0,001	0,012	0,021	FALSE
-0,122	0,289	-0,003	0,009	0,130	FALSE
0,005	0,276	0,000	0,018	0,001	FALSE
-0,098	0,300	-0,003	0,009	0,115	FALSE
-0,095	0,297	-0,003	0,010	0,120	FALSE
-0,087	0,290	-0,002	0,009	0,102	FALSE
0,136	0,280	0,004	0,010	0,178	FALSE
0,178	0,269	0,006	0,010	0,264	FALSE
0,039	0,278	0,002	0,015	0,049	FALSE
0,087	0,293	0,004	0,016	0,084	FALSE
-0,117	0,282	-0,004	0,013	0,111	FALSE
0,069	0,275	0,000	0,017	0,010	FALSE
-0,247	0,268	-0,010	0,011	0,443	FALSE
-0,058	0,288	-0,002	0,010	0,069	FALSE
-0,126	0,280	-0,006	0,013	0,179	FALSE
0,106	0,295	0,004	0,012	0,131	FALSE
-0,148	0,264	-0,005	0,013	0,171	FALSE
0,071	0,283	0,002	0,013	0,050	FALSE
-0,131	0,289	-0,006	0,014	0,173	FALSE
0,008	0,297	0,001	0,009	0,053	FALSE
-0,090	0,287	-0,005	0,017	0,114	FALSE
-0,072	0,293	-0,005	0,017	0,121	FALSE
-0,067	0,283	-0,004	0,016	0,105	FALSE
-0,085	0,269	-0,005	0,016	0,115	FALSE
-0,121	0,288	-0,006	0,010	0,246	FALSE
-0,117	0,281	-0,003	0,015	0,084	FALSE
-0,113	0,286	-0,004	0,017	0,077	FALSE
-0,029	0,261	-0,001	0,009	0,056	FALSE
0,069	0,293	0,003	0,013	0,091	FALSE
0,075	0,281	0,002	0,009	0,063	FALSE
-0,102	0,263	-0,004	0,016	0,082	FALSE
-0,049	0,283	0,000	0,012	0,002	FALSE
0,036	0,281	0,002	0,016	0,052	FALSE
0,072	0,295	0,005	0,017	0,117	FALSE
-0,149	0,288	-0,004	0,010	0,180	FALSE
-0,030	0,304	-0,001	0,010	0,049	FALSE
0,078	0,277	0,001	0,009	0,063	FALSE
-0,054	0,299	-0,002	0,009	0,072	FALSE
-0,075	0,281	-0,002	0,011	0,068	FALSE

0,026	0,264	-0,002	0,015	0,039	FALSE
-0,053	0,284	-0,001	0,010	0,040	FALSE
-0,178	0,276	-0,014	0,017	0,372	FALSE
-0,128	0,276	-0,004	0,009	0,172	FALSE
-0,248	0,273	-0,008	0,010	0,390	FALSE
-0,046	0,275	-0,002	0,015	0,049	FALSE
-0,030	0,289	0,000	0,013	0,010	FALSE
0,110	0,272	0,006	0,012	0,186	FALSE
-0,045	0,274	-0,003	0,015	0,064	FALSE
-0,124	0,270	-0,004	0,010	0,175	FALSE
-0,014	0,292	-0,002	0,012	0,058	FALSE
0,056	0,281	0,000	0,010	0,005	FALSE
-0,115	0,273	-0,004	0,014	0,107	FALSE
0,239	0,263	0,006	0,010	0,288	FALSE
-0,015	0,273	-0,001	0,009	0,032	FALSE
-0,030	0,291	-0,003	0,015	0,077	FALSE
-0,070	0,283	-0,002	0,009	0,082	FALSE
0,011	0,274	0,001	0,016	0,011	FALSE
0,057	0,290	0,001	0,014	0,025	FALSE
0,079	0,290	0,004	0,009	0,164	FALSE
0,017	0,285	0,002	0,013	0,042	FALSE
0,067	0,277	0,001	0,011	0,030	FALSE
-0,103	0,289	-0,005	0,014	0,129	FALSE
-0,063	0,291	-0,003	0,013	0,097	FALSE
-0,083	0,288	-0,004	0,013	0,123	FALSE
-0,157	0,288	-0,008	0,016	0,203	FALSE
-0,140	0,289	-0,005	0,015	0,131	FALSE
-0,085	0,282	-0,001	0,009	0,050	FALSE
-0,002	0,290	0,003	0,017	0,068	FALSE
-0,008	0,277	-0,004	0,016	0,091	FALSE
0,025	0,291	0,000	0,010	0,018	FALSE
0,064	0,265	0,002	0,011	0,078	FALSE
0,114	0,278	0,003	0,009	0,153	FALSE
-0,179	0,274	-0,013	0,017	0,330	FALSE
-0,163	0,287	-0,013	0,019	0,301	FALSE
0,052	0,272	0,000	0,012	0,005	FALSE
-0,099	0,294	-0,003	0,009	0,115	FALSE
0,121	0,284	0,005	0,014	0,148	FALSE
0,000	0,288	0,000	0,013	0,005	FALSE
0,042	0,281	0,004	0,014	0,100	FALSE
-0,055	0,273	-0,001	0,014	0,031	FALSE
0,024	0,273	-0,001	0,011	0,029	FALSE
-0,021	0,294	-0,001	0,010	0,018	FALSE
-0,024	0,275	-0,002	0,011	0,056	FALSE
0,013	0,280	0,004	0,016	0,091	FALSE
-0,078	0,284	0,000	0,011	0,015	FALSE
-0,084	0,290	-0,003	0,012	0,086	FALSE
-0,027	0,298	-0,002	0,009	0,081	FALSE
0,055	0,290	0,006	0,017	0,154	FALSE
-0,072	0,288	-0,002	0,011	0,081	FALSE
-0,054	0,273	-0,002	0,008	0,088	FALSE
-0,174	0,271	-0,005	0,011	0,202	FALSE
-0,017	0,272	-0,002	0,017	0,040	FALSE

0,263	0,269	0,010	0,013	0,357	FALSE
0,105	0,289	0,004	0,012	0,117	FALSE
0,115	0,280	0,004	0,012	0,135	FALSE
0,074	0,282	0,003	0,012	0,088	FALSE
-0,046	0,282	-0,001	0,010	0,036	FALSE
0,116	0,285	0,005	0,012	0,157	FALSE
-0,030	0,276	-0,001	0,017	0,012	FALSE
0,082	0,279	0,005	0,015	0,119	FALSE
-0,036	0,278	-0,004	0,015	0,107	FALSE
-0,161	0,260	-0,005	0,013	0,172	FALSE
-0,142	0,256	-0,005	0,014	0,148	FALSE
-0,123	0,276	-0,004	0,015	0,092	FALSE
0,001	0,284	0,002	0,018	0,040	FALSE
-0,091	0,277	-0,002	0,008	0,089	FALSE
0,041	0,283	0,001	0,009	0,039	FALSE
-0,076	0,277	-0,003	0,011	0,098	FALSE
0,035	0,278	0,002	0,012	0,077	FALSE
-0,180	0,282	-0,008	0,010	0,354	FALSE
-0,094	0,288	-0,004	0,011	0,141	FALSE
0,090	0,277	0,004	0,012	0,118	FALSE
0,146	0,286	0,004	0,010	0,170	FALSE
0,042	0,269	0,001	0,015	0,023	FALSE
-0,016	0,286	0,000	0,014	0,011	FALSE
-0,086	0,288	-0,002	0,010	0,082	FALSE
0,035	0,285	0,003	0,015	0,085	FALSE
-0,231	0,280	-0,012	0,018	0,298	FALSE
-0,192	0,270	-0,007	0,010	0,346	FALSE
-0,245	0,278	-0,007	0,009	0,355	FALSE
-0,327	0,250	-0,019	0,015	0,664	FALSE
-0,038	0,284	-0,002	0,011	0,059	FALSE
0,110	0,286	0,004	0,014	0,105	FALSE
-0,144	0,271	-0,007	0,015	0,176	FALSE
0,152	0,282	0,006	0,013	0,187	FALSE
-0,042	0,268	-0,003	0,013	0,082	FALSE
0,014	0,280	0,000	0,009	0,019	FALSE
-0,054	0,285	-0,002	0,018	0,040	FALSE
-0,035	0,273	-0,001	0,016	0,019	FALSE
0,100	0,278	0,002	0,009	0,065	FALSE
-0,049	0,279	-0,002	0,014	0,045	FALSE
0,031	0,269	0,003	0,016	0,066	FALSE
0,008	0,293	0,001	0,013	0,023	FALSE
-0,028	0,277	-0,001	0,010	0,052	FALSE
-0,062	0,270	-0,004	0,013	0,122	FALSE
-0,046	0,276	-0,001	0,016	0,033	FALSE
-0,070	0,267	-0,005	0,016	0,120	FALSE
-0,168	0,285	-0,005	0,009	0,242	FALSE
-0,060	0,293	-0,002	0,013	0,058	FALSE
-0,004	0,291	0,000	0,009	0,017	FALSE
-0,069	0,265	-0,003	0,012	0,103	FALSE
-0,026	0,282	0,001	0,010	0,019	FALSE
-0,019	0,256	0,000	0,016	0,009	FALSE
-0,098	0,289	-0,002	0,010	0,087	FALSE
0,013	0,287	0,001	0,012	0,027	FALSE

-0,065	0,290	-0,003	0,011	0,095	FALSE
-0,094	0,300	-0,004	0,016	0,108	FALSE
-0,030	0,281	0,000	0,009	0,003	FALSE
0,115	0,287	0,006	0,010	0,254	FALSE
-0,065	0,290	-0,001	0,009	0,023	FALSE
0,131	0,266	0,007	0,016	0,191	FALSE
0,099	0,290	0,005	0,012	0,190	FALSE
0,176	0,254	0,008	0,014	0,255	FALSE
0,169	0,279	0,009	0,015	0,240	FALSE
-0,062	0,276	-0,003	0,010	0,126	FALSE
0,165	0,280	0,005	0,011	0,208	FALSE
0,032	0,292	0,000	0,010	0,002	FALSE
-0,177	0,272	-0,008	0,010	0,392	FALSE
-0,040	0,300	-0,003	0,014	0,083	FALSE
0,290	0,267	0,010	0,010	0,455	FALSE
-0,093	0,277	-0,002	0,010	0,093	FALSE
0,211	0,276	0,009	0,014	0,273	FALSE
-0,037	0,283	-0,001	0,009	0,036	FALSE
-0,036	0,305	-0,002	0,010	0,066	FALSE
0,078	0,298	0,004	0,017	0,103	FALSE
0,125	0,290	0,006	0,016	0,166	FALSE
0,128	0,289	0,008	0,015	0,223	FALSE
0,121	0,282	0,007	0,015	0,197	FALSE
-0,102	0,288	-0,002	0,010	0,087	FALSE
0,065	0,285	0,001	0,010	0,044	FALSE
-0,051	0,280	-0,002	0,009	0,093	FALSE
0,041	0,287	0,001	0,014	0,029	FALSE
0,182	0,269	0,009	0,014	0,300	FALSE
0,141	0,281	0,007	0,014	0,200	FALSE
-0,084	0,280	-0,002	0,009	0,102	FALSE
0,121	0,270	0,004	0,009	0,152	FALSE
-0,054	0,287	-0,001	0,009	0,042	FALSE
0,097	0,277	0,007	0,018	0,168	FALSE
0,099	0,288	0,005	0,016	0,123	FALSE
-0,169	0,280	-0,009	0,015	0,275	FALSE
0,104	0,279	0,002	0,008	0,113	FALSE
-0,211	0,299	-0,008	0,013	0,285	FALSE
0,090	0,288	0,005	0,012	0,179	FALSE
-0,109	0,288	-0,006	0,014	0,163	FALSE
0,074	0,290	0,003	0,012	0,108	FALSE
-0,050	0,301	0,000	0,017	0,003	FALSE
0,103	0,291	0,006	0,017	0,140	FALSE
-0,004	0,298	0,001	0,017	0,028	FALSE
-0,088	0,276	-0,002	0,012	0,065	FALSE
0,062	0,286	0,003	0,017	0,066	FALSE
-0,103	0,281	-0,004	0,013	0,117	FALSE
-0,035	0,283	-0,001	0,010	0,044	FALSE
-0,111	0,297	-0,007	0,017	0,160	FALSE
-0,131	0,280	-0,009	0,018	0,210	FALSE
-0,073	0,291	-0,004	0,015	0,093	FALSE
-0,081	0,290	-0,007	0,017	0,167	FALSE
0,175	0,280	0,012	0,017	0,321	FALSE
-0,060	0,291	-0,001	0,009	0,044	FALSE

-0,069	0,303	-0,004	0,017	0,091	FALSE
0,038	0,287	0,001	0,015	0,023	FALSE
-0,013	0,288	0,000	0,012	0,008	FALSE
-0,074	0,275	-0,002	0,008	0,078	FALSE
0,182	0,279	0,006	0,010	0,257	FALSE
-0,046	0,282	-0,001	0,009	0,046	FALSE
0,076	0,279	0,001	0,009	0,052	FALSE
0,041	0,285	0,001	0,009	0,042	FALSE
0,057	0,279	0,001	0,009	0,056	FALSE
0,064	0,272	0,001	0,009	0,038	FALSE
-0,166	0,283	-0,006	0,011	0,211	FALSE
-0,174	0,283	-0,006	0,012	0,238	FALSE
0,086	0,280	0,004	0,014	0,099	FALSE
-0,055	0,292	-0,003	0,016	0,059	FALSE
0,092	0,285	0,006	0,018	0,130	FALSE
0,055	0,293	0,003	0,018	0,061	FALSE
0,136	0,282	0,002	0,010	0,088	FALSE
0,000	0,273	-0,001	0,008	0,025	FALSE
-0,129	0,275	-0,007	0,014	0,205	FALSE
-0,194	0,269	-0,009	0,014	0,287	FALSE
0,062	0,298	0,002	0,013	0,058	FALSE
-0,021	0,295	0,001	0,018	0,011	FALSE
0,076	0,294	0,002	0,009	0,095	FALSE
-0,063	0,285	-0,003	0,017	0,070	FALSE
0,017	0,303	-0,001	0,013	0,034	FALSE
-0,085	0,292	-0,005	0,017	0,108	FALSE
0,003	0,295	0,001	0,009	0,043	FALSE
0,109	0,276	0,003	0,012	0,115	FALSE
-0,069	0,277	-0,002	0,011	0,088	FALSE
-0,124	0,292	-0,005	0,013	0,161	FALSE
-0,089	0,290	-0,006	0,017	0,143	FALSE
-0,091	0,277	-0,003	0,014	0,079	FALSE
0,204	0,256	0,010	0,014	0,313	FALSE
0,157	0,251	0,007	0,014	0,211	FALSE
-0,100	0,269	-0,005	0,012	0,167	FALSE
0,150	0,258	0,007	0,014	0,204	FALSE
0,176	0,256	0,007	0,013	0,239	FALSE
0,174	0,252	0,008	0,013	0,255	FALSE
-0,157	0,277	-0,009	0,014	0,294	FALSE
-0,046	0,274	-0,001	0,009	0,057	FALSE
-0,142	0,270	-0,008	0,016	0,222	FALSE
-0,059	0,283	-0,004	0,016	0,104	FALSE
0,117	0,280	0,003	0,011	0,124	FALSE
-0,210	0,268	-0,012	0,017	0,320	FALSE
-0,164	0,282	-0,009	0,018	0,211	FALSE
0,192	0,261	0,006	0,009	0,264	FALSE
0,156	0,265	0,006	0,014	0,180	FALSE
0,090	0,263	0,005	0,013	0,165	FALSE
-0,006	0,279	-0,001	0,015	0,023	FALSE
-0,032	0,276	-0,006	0,015	0,146	FALSE
-0,059	0,270	-0,006	0,013	0,169	FALSE
0,082	0,277	0,001	0,014	0,024	FALSE
-0,055	0,275	-0,005	0,017	0,104	FALSE

-0,178	0,287	-0,006	0,013	0,196	FALSE
0,055	0,276	0,000	0,014	0,001	FALSE
0,080	0,272	0,003	0,009	0,112	FALSE
0,041	0,292	0,002	0,017	0,043	FALSE
0,102	0,275	0,004	0,016	0,109	FALSE
0,075	0,298	0,003	0,013	0,095	FALSE
-0,001	0,288	0,000	0,017	0,002	FALSE
-0,229	0,274	-0,008	0,011	0,318	FALSE
0,008	0,302	0,001	0,013	0,023	FALSE
0,175	0,286	0,005	0,011	0,184	FALSE
-0,067	0,285	-0,002	0,014	0,047	FALSE
-0,082	0,286	-0,003	0,010	0,107	FALSE
-0,027	0,288	-0,003	0,014	0,080	FALSE
-0,046	0,298	-0,002	0,013	0,055	FALSE
0,013	0,277	0,001	0,010	0,040	FALSE
-0,138	0,264	-0,008	0,016	0,222	FALSE
-0,116	0,286	-0,003	0,012	0,080	FALSE
0,147	0,280	0,006	0,010	0,245	FALSE
0,163	0,279	0,006	0,010	0,282	FALSE
-0,004	0,295	0,000	0,010	0,008	FALSE
0,015	0,287	0,001	0,013	0,034	FALSE
-0,021	0,290	-0,002	0,012	0,052	FALSE
-0,149	0,286	-0,005	0,010	0,195	FALSE
-0,021	0,286	-0,002	0,010	0,059	FALSE
0,067	0,270	-0,001	0,017	0,023	FALSE
-0,089	0,296	-0,002	0,010	0,060	FALSE
-0,161	0,279	-0,005	0,010	0,213	FALSE
-0,187	0,285	-0,006	0,011	0,245	FALSE
0,073	0,282	0,004	0,016	0,103	FALSE
0,068	0,278	0,004	0,011	0,132	FALSE
0,023	0,288	0,002	0,013	0,056	FALSE
-0,083	0,292	-0,008	0,017	0,185	FALSE
-0,246	0,246	-0,014	0,017	0,367	FALSE
-0,048	0,286	-0,001	0,011	0,018	FALSE
0,053	0,283	0,002	0,016	0,045	FALSE
0,176	0,282	0,009	0,017	0,223	FALSE
-0,022	0,292	-0,005	0,017	0,115	FALSE
0,121	0,278	0,008	0,017	0,180	FALSE
-0,044	0,290	0,000	0,015	0,010	FALSE
0,008	0,284	-0,001	0,016	0,033	FALSE
-0,131	0,272	-0,007	0,017	0,160	FALSE
-0,024	0,274	-0,004	0,015	0,113	FALSE
-0,061	0,263	-0,006	0,017	0,133	FALSE
-0,132	0,274	-0,005	0,011	0,181	FALSE
0,100	0,280	0,006	0,016	0,145	FALSE
0,036	0,286	0,001	0,010	0,027	FALSE
0,046	0,280	0,002	0,010	0,088	FALSE
-0,086	0,290	-0,005	0,016	0,106	FALSE
0,068	0,270	0,000	0,010	0,014	FALSE
-0,209	0,275	-0,012	0,016	0,339	FALSE
-0,238	0,281	-0,007	0,010	0,323	FALSE
0,209	0,290	0,010	0,015	0,308	FALSE
0,042	0,277	0,001	0,015	0,020	FALSE

-0,099	0,292	-0,005	0,016	0,125	FALSE
0,106	0,296	0,003	0,014	0,081	FALSE
0,079	0,271	0,002	0,013	0,052	FALSE
0,113	0,291	0,003	0,014	0,078	FALSE
-0,068	0,277	-0,003	0,013	0,090	FALSE
0,097	0,287	0,003	0,014	0,067	FALSE
0,137	0,267	0,003	0,008	0,133	FALSE
0,081	0,297	0,003	0,013	0,079	FALSE
-0,113	0,269	-0,005	0,010	0,184	FALSE
0,166	0,291	0,008	0,012	0,267	FALSE
0,038	0,280	0,001	0,014	0,035	FALSE
0,036	0,270	0,002	0,016	0,049	FALSE
0,094	0,284	0,007	0,015	0,174	FALSE
0,067	0,283	0,005	0,017	0,110	FALSE
0,120	0,277	0,009	0,016	0,245	FALSE
0,066	0,281	0,006	0,015	0,164	FALSE
0,110	0,282	0,009	0,016	0,238	FALSE
0,050	0,285	0,002	0,011	0,053	FALSE
-0,133	0,287	-0,003	0,010	0,097	FALSE
-0,056	0,274	-0,001	0,012	0,021	FALSE
-0,200	0,275	-0,011	0,017	0,286	FALSE
-0,019	0,292	-0,002	0,018	0,042	FALSE
0,043	0,288	0,002	0,013	0,051	FALSE
-0,070	0,285	-0,002	0,009	0,062	FALSE
0,175	0,285	0,008	0,015	0,222	FALSE
0,017	0,292	0,001	0,009	0,025	FALSE
0,007	0,282	0,001	0,015	0,036	FALSE
0,106	0,283	0,004	0,010	0,183	FALSE
0,065	0,294	0,003	0,014	0,096	FALSE
0,081	0,284	0,003	0,016	0,073	FALSE
-0,007	0,286	-0,003	0,017	0,068	FALSE
0,079	0,277	0,003	0,009	0,123	FALSE
0,131	0,282	0,005	0,017	0,120	FALSE
-0,123	0,287	-0,004	0,010	0,166	FALSE
0,136	0,277	0,004	0,016	0,108	FALSE
-0,085	0,289	-0,002	0,015	0,056	FALSE
0,085	0,289	0,005	0,011	0,191	FALSE
0,137	0,285	0,006	0,016	0,162	FALSE
-0,116	0,286	-0,002	0,010	0,088	FALSE
0,147	0,292	0,008	0,018	0,198	FALSE
-0,026	0,284	0,000	0,010	0,016	FALSE
-0,238	0,272	-0,011	0,017	0,297	FALSE
-0,121	0,279	-0,005	0,011	0,168	FALSE
-0,241	0,267	-0,011	0,016	0,327	FALSE
-0,012	0,279	0,001	0,010	0,040	FALSE
0,030	0,295	0,003	0,013	0,098	FALSE
-0,083	0,283	-0,002	0,016	0,050	FALSE
-0,167	0,284	-0,004	0,008	0,226	FALSE
0,118	0,256	0,003	0,015	0,071	FALSE
0,133	0,255	0,004	0,014	0,102	FALSE
-0,090	0,285	-0,003	0,011	0,118	FALSE
0,225	0,255	0,007	0,013	0,242	FALSE
-0,097	0,277	-0,003	0,010	0,099	FALSE

-0,047	0,302	-0,001	0,015	0,028	FALSE
0,204	0,277	0,005	0,010	0,236	FALSE
-0,051	0,279	-0,002	0,013	0,055	FALSE
0,029	0,296	0,001	0,016	0,012	FALSE
0,045	0,283	0,001	0,015	0,026	FALSE
-0,006	0,300	0,000	0,019	0,002	FALSE
0,097	0,278	0,005	0,013	0,136	FALSE
-0,149	0,295	-0,004	0,011	0,153	FALSE
-0,084	0,277	-0,004	0,014	0,112	FALSE
-0,249	0,281	-0,014	0,017	0,400	FALSE
-0,005	0,290	0,001	0,016	0,032	FALSE
-0,119	0,282	-0,005	0,011	0,162	FALSE
0,097	0,293	0,005	0,018	0,116	FALSE
-0,076	0,291	-0,003	0,015	0,090	FALSE
-0,082	0,282	-0,006	0,016	0,141	FALSE
-0,041	0,289	-0,003	0,015	0,061	FALSE
0,233	0,273	0,009	0,014	0,299	FALSE
-0,126	0,284	-0,005	0,012	0,153	FALSE
0,079	0,291	0,001	0,016	0,024	FALSE
-0,029	0,297	-0,002	0,017	0,041	FALSE
-0,027	0,300	-0,003	0,017	0,058	FALSE
0,216	0,275	0,008	0,014	0,261	FALSE
0,030	0,267	0,000	0,009	0,000	FALSE
0,048	0,275	0,002	0,015	0,047	FALSE
-0,098	0,278	-0,004	0,012	0,145	FALSE
-0,030	0,289	-0,001	0,016	0,021	FALSE
-0,034	0,277	-0,002	0,017	0,054	FALSE
0,069	0,283	0,002	0,009	0,086	FALSE
0,030	0,280	-0,001	0,014	0,025	FALSE
0,034	0,268	0,000	0,015	0,009	FALSE
-0,001	0,278	0,001	0,008	0,047	FALSE
-0,024	0,279	-0,003	0,016	0,067	FALSE
-0,095	0,275	-0,003	0,009	0,131	FALSE
-0,138	0,269	-0,003	0,015	0,085	FALSE
-0,156	0,278	-0,004	0,016	0,109	FALSE
-0,106	0,273	-0,002	0,012	0,055	FALSE
0,131	0,281	0,005	0,014	0,136	FALSE
0,047	0,303	0,003	0,014	0,074	FALSE
0,078	0,292	0,003	0,013	0,079	FALSE
-0,017	0,292	0,004	0,017	0,089	FALSE
0,189	0,270	0,005	0,010	0,220	FALSE
0,071	0,278	0,001	0,015	0,029	FALSE
-0,003	0,279	0,001	0,016	0,011	FALSE
-0,102	0,285	-0,005	0,018	0,102	FALSE
-0,055	0,271	-0,003	0,014	0,077	FALSE
-0,067	0,293	-0,003	0,015	0,085	FALSE
-0,052	0,299	-0,002	0,016	0,050	FALSE
0,015	0,286	0,001	0,018	0,025	FALSE
-0,110	0,298	-0,006	0,015	0,155	FALSE
0,007	0,269	0,000	0,016	0,009	FALSE
0,092	0,275	0,004	0,012	0,147	FALSE
0,167	0,277	0,006	0,010	0,229	FALSE
0,000	0,281	-0,001	0,010	0,040	FALSE

-0,098	0,286	-0,005	0,010	0,192	FALSE
0,156	0,272	0,007	0,014	0,200	FALSE
0,130	0,275	0,005	0,010	0,186	FALSE
-0,054	0,282	-0,003	0,017	0,056	FALSE
0,169	0,278	0,006	0,010	0,241	FALSE
0,214	0,276	0,008	0,012	0,296	FALSE
0,031	0,291	0,004	0,016	0,087	FALSE
-0,237	0,268	-0,013	0,014	0,450	FALSE
-0,048	0,268	-0,003	0,013	0,094	FALSE
-0,201	0,275	-0,014	0,017	0,399	FALSE
-0,197	0,288	-0,013	0,018	0,344	FALSE
-0,114	0,279	-0,004	0,013	0,121	FALSE
-0,005	0,279	-0,002	0,013	0,049	FALSE
0,089	0,276	0,003	0,014	0,078	FALSE
-0,008	0,297	-0,003	0,017	0,056	FALSE
-0,192	0,281	-0,007	0,011	0,299	FALSE
-0,193	0,284	-0,007	0,010	0,311	FALSE
0,062	0,287	0,002	0,009	0,081	FALSE
0,030	0,291	0,002	0,017	0,044	FALSE
0,028	0,290	0,000	0,010	0,010	FALSE
-0,167	0,286	-0,004	0,008	0,175	FALSE
-0,031	0,291	0,001	0,009	0,026	FALSE
0,044	0,276	0,003	0,012	0,101	FALSE
-0,161	0,278	-0,005	0,009	0,225	FALSE
0,103	0,275	0,004	0,011	0,137	FALSE
-0,028	0,287	-0,003	0,012	0,092	FALSE
-0,017	0,278	-0,002	0,011	0,071	FALSE
0,115	0,297	0,008	0,016	0,194	FALSE
0,093	0,295	0,002	0,010	0,087	FALSE
0,099	0,289	0,002	0,010	0,080	FALSE
0,073	0,291	0,001	0,009	0,048	FALSE
0,075	0,282	0,002	0,010	0,073	FALSE
-0,011	0,294	0,001	0,011	0,020	FALSE
-0,052	0,291	-0,001	0,016	0,027	FALSE
0,035	0,281	0,002	0,010	0,064	FALSE
0,005	0,279	0,001	0,009	0,029	FALSE
-0,140	0,294	-0,004	0,009	0,169	FALSE
-0,113	0,283	-0,002	0,010	0,078	FALSE
0,097	0,283	0,004	0,011	0,148	FALSE
-0,097	0,287	-0,002	0,012	0,067	FALSE
0,025	0,286	0,001	0,017	0,011	FALSE
0,130	0,283	0,004	0,009	0,163	FALSE
0,027	0,293	0,000	0,016	0,002	FALSE
-0,051	0,291	-0,003	0,017	0,074	FALSE
0,092	0,290	0,004	0,017	0,088	FALSE
-0,062	0,283	-0,005	0,017	0,111	FALSE
-0,131	0,276	-0,004	0,009	0,178	FALSE
0,040	0,266	0,002	0,017	0,048	FALSE
-0,005	0,294	0,001	0,017	0,013	FALSE
-0,029	0,300	-0,003	0,012	0,090	FALSE
0,029	0,292	0,003	0,017	0,058	FALSE
-0,088	0,298	-0,006	0,017	0,149	FALSE
-0,118	0,288	-0,003	0,009	0,134	FALSE

-0,003	0,276	0,001	0,016	0,023	FALSE
0,042	0,300	0,001	0,009	0,022	FALSE
0,052	0,305	0,001	0,016	0,028	FALSE
0,244	0,273	0,007	0,010	0,321	FALSE
0,056	0,286	0,004	0,018	0,087	FALSE
0,036	0,267	0,000	0,015	0,006	FALSE
-0,225	0,270	-0,017	0,017	0,468	FALSE
0,195	0,275	0,015	0,017	0,409	FALSE
0,040	0,281	0,000	0,014	0,000	FALSE
-0,112	0,279	-0,004	0,011	0,144	FALSE
-0,095	0,295	-0,007	0,018	0,167	FALSE
-0,118	0,279	-0,005	0,012	0,159	FALSE
-0,094	0,290	-0,003	0,012	0,102	FALSE
-0,129	0,280	-0,005	0,013	0,155	FALSE
0,127	0,284	0,006	0,017	0,129	FALSE
-0,013	0,287	-0,001	0,013	0,013	FALSE
-0,023	0,282	-0,002	0,009	0,080	FALSE
0,147	0,282	0,010	0,017	0,253	FALSE
-0,067	0,283	-0,002	0,008	0,076	FALSE
0,001	0,297	-0,001	0,013	0,017	FALSE
-0,011	0,282	-0,001	0,017	0,026	FALSE
0,038	0,274	0,000	0,017	0,005	FALSE
0,030	0,281	-0,001	0,017	0,018	FALSE
0,042	0,281	0,002	0,013	0,050	FALSE
0,112	0,251	0,002	0,014	0,052	FALSE
0,095	0,286	0,005	0,012	0,166	FALSE
0,101	0,268	0,003	0,013	0,103	FALSE
-0,147	0,281	-0,009	0,015	0,264	FALSE
-0,062	0,289	-0,002	0,011	0,079	FALSE
-0,076	0,280	0,000	0,013	0,005	FALSE
0,139	0,269	0,003	0,009	0,124	FALSE
0,350	0,254	0,014	0,012	0,596	FALSE
0,067	0,279	0,003	0,010	0,111	FALSE
-0,206	0,273	-0,007	0,011	0,288	FALSE
-0,081	0,287	-0,004	0,012	0,136	FALSE
-0,112	0,291	-0,003	0,011	0,113	FALSE
0,029	0,267	0,001	0,011	0,020	FALSE
0,006	0,289	0,000	0,016	0,006	FALSE
-0,048	0,290	-0,002	0,009	0,081	FALSE
-0,244	0,271	-0,011	0,013	0,392	FALSE
-0,047	0,280	-0,002	0,015	0,053	FALSE
0,007	0,284	0,000	0,015	0,006	FALSE
0,043	0,300	0,002	0,009	0,088	FALSE
0,120	0,267	0,006	0,012	0,229	FALSE
0,046	0,270	0,003	0,017	0,073	FALSE
0,013	0,303	0,001	0,009	0,037	FALSE
-0,024	0,289	-0,001	0,009	0,024	FALSE
-0,045	0,289	-0,002	0,009	0,075	FALSE
-0,061	0,273	-0,003	0,017	0,066	FALSE
0,003	0,284	0,001	0,017	0,011	FALSE
0,073	0,280	0,003	0,013	0,086	FALSE
0,002	0,295	-0,001	0,012	0,018	FALSE
0,166	0,293	0,005	0,010	0,215	FALSE

-0,055	0,293	-0,002	0,010	0,061	FALSE
0,031	0,289	0,000	0,010	0,000	FALSE
-0,067	0,293	-0,002	0,013	0,044	FALSE
-0,160	0,279	-0,008	0,016	0,213	FALSE
0,026	0,267	0,000	0,016	0,000	FALSE
0,044	0,275	0,000	0,016	0,010	FALSE
-0,071	0,281	-0,002	0,010	0,089	FALSE
0,145	0,277	0,004	0,011	0,158	FALSE
-0,130	0,278	-0,002	0,010	0,090	FALSE
-0,008	0,261	0,001	0,013	0,038	FALSE
0,076	0,270	0,002	0,009	0,093	FALSE
0,014	0,287	0,001	0,009	0,053	FALSE
0,013	0,285	0,001	0,009	0,057	FALSE
-0,047	0,287	-0,002	0,009	0,095	FALSE
-0,116	0,289	-0,003	0,010	0,118	FALSE
-0,103	0,292	-0,008	0,017	0,199	FALSE
-0,091	0,278	-0,007	0,017	0,178	FALSE
-0,087	0,279	-0,007	0,017	0,158	FALSE
0,091	0,283	0,005	0,012	0,193	FALSE
-0,054	0,278	-0,002	0,009	0,101	FALSE
0,006	0,286	-0,001	0,015	0,019	FALSE
-0,046	0,280	-0,001	0,008	0,046	FALSE
-0,117	0,277	-0,010	0,017	0,273	FALSE
-0,129	0,297	-0,005	0,015	0,116	FALSE
0,110	0,287	0,005	0,016	0,127	FALSE
0,105	0,277	0,005	0,015	0,122	FALSE
0,121	0,267	0,004	0,017	0,098	FALSE
0,205	0,273	0,009	0,016	0,257	FALSE
0,090	0,285	0,003	0,015	0,079	FALSE
0,040	0,284	0,002	0,009	0,077	FALSE
0,004	0,291	0,001	0,010	0,030	FALSE
0,146	0,280	0,008	0,016	0,206	FALSE
0,020	0,286	0,002	0,012	0,064	FALSE
-0,117	0,281	-0,005	0,010	0,200	FALSE
0,076	0,282	0,003	0,011	0,086	FALSE
0,221	0,275	0,013	0,017	0,352	FALSE
-0,004	0,293	0,000	0,009	0,008	FALSE
-0,050	0,285	-0,004	0,012	0,131	FALSE
-0,016	0,297	-0,001	0,012	0,017	FALSE
0,060	0,274	0,002	0,011	0,068	FALSE
0,101	0,277	0,009	0,017	0,229	FALSE
0,039	0,279	0,001	0,010	0,053	FALSE
-0,200	0,278	-0,009	0,012	0,331	FALSE
0,246	0,285	0,008	0,011	0,320	FALSE
-0,106	0,267	-0,004	0,016	0,091	FALSE
-0,059	0,294	-0,003	0,017	0,054	FALSE
0,032	0,288	0,001	0,016	0,012	FALSE
0,095	0,281	0,007	0,015	0,200	FALSE
0,129	0,267	0,004	0,014	0,113	FALSE
-0,096	0,282	-0,006	0,018	0,144	FALSE
-0,086	0,292	-0,006	0,017	0,132	FALSE
-0,062	0,282	-0,002	0,010	0,078	FALSE
0,092	0,289	0,004	0,013	0,113	FALSE

-0,053	0,298	-0,003	0,015	0,066	FALSE
-0,029	0,277	0,000	0,008	0,000	FALSE
-0,112	0,304	-0,005	0,013	0,155	FALSE
0,021	0,283	0,002	0,010	0,064	FALSE
0,039	0,282	-0,001	0,011	0,024	FALSE
0,086	0,298	0,008	0,016	0,200	FALSE
0,078	0,276	0,007	0,016	0,192	FALSE
0,077	0,299	0,003	0,015	0,080	FALSE
0,144	0,284	0,007	0,017	0,162	FALSE
-0,116	0,290	-0,002	0,009	0,098	FALSE
0,050	0,295	0,004	0,011	0,139	FALSE
0,011	0,282	0,000	0,015	0,010	FALSE
-0,037	0,281	-0,002	0,010	0,064	FALSE
0,033	0,280	0,002	0,017	0,054	FALSE
0,098	0,278	0,005	0,014	0,153	FALSE
-0,056	0,271	-0,001	0,015	0,022	FALSE
-0,134	0,282	-0,006	0,014	0,159	FALSE
0,183	0,271	0,004	0,009	0,164	FALSE
0,111	0,294	0,004	0,012	0,130	FALSE
0,042	0,273	0,002	0,011	0,081	FALSE
-0,087	0,298	-0,006	0,016	0,143	FALSE
0,060	0,285	0,005	0,017	0,108	FALSE
-0,119	0,284	-0,007	0,014	0,214	FALSE
0,164	0,270	0,004	0,010	0,186	FALSE
0,148	0,282	0,006	0,012	0,214	FALSE
-0,058	0,286	-0,001	0,013	0,035	FALSE
-0,057	0,286	-0,004	0,014	0,115	FALSE
-0,026	0,298	-0,002	0,014	0,048	FALSE
-0,064	0,281	-0,002	0,010	0,067	FALSE
0,141	0,268	0,008	0,016	0,193	FALSE
0,045	0,297	0,003	0,009	0,124	FALSE
-0,052	0,274	-0,001	0,017	0,020	FALSE
0,041	0,284	0,001	0,012	0,041	FALSE
-0,029	0,277	-0,002	0,017	0,035	FALSE
-0,022	0,281	-0,001	0,009	0,022	FALSE
-0,022	0,283	-0,003	0,017	0,063	FALSE
0,120	0,293	0,008	0,016	0,213	FALSE
-0,085	0,290	-0,004	0,013	0,104	FALSE
-0,054	0,284	-0,001	0,014	0,015	FALSE
-0,099	0,283	-0,005	0,013	0,153	FALSE
-0,109	0,268	-0,007	0,014	0,223	FALSE
-0,069	0,287	-0,004	0,014	0,104	FALSE
-0,056	0,286	-0,001	0,010	0,028	FALSE
-0,033	0,289	-0,004	0,018	0,078	FALSE
0,012	0,285	0,000	0,009	0,008	FALSE
0,011	0,292	0,001	0,010	0,021	FALSE
-0,136	0,281	-0,008	0,017	0,190	FALSE
-0,080	0,290	-0,002	0,009	0,079	FALSE
0,112	0,272	0,005	0,018	0,110	FALSE
-0,095	0,277	-0,004	0,016	0,102	FALSE
-0,111	0,275	-0,006	0,016	0,149	FALSE
-0,021	0,280	0,000	0,014	0,012	FALSE
-0,058	0,280	-0,002	0,009	0,094	FALSE

-0,065	0,305	-0,002	0,012	0,053	FALSE
0,050	0,289	0,001	0,014	0,029	FALSE
0,094	0,274	0,003	0,011	0,102	FALSE
-0,035	0,275	-0,002	0,014	0,060	FALSE
-0,005	0,277	-0,001	0,010	0,025	FALSE
-0,002	0,276	0,000	0,014	0,006	FALSE
-0,020	0,295	-0,001	0,017	0,028	FALSE
-0,131	0,298	-0,006	0,016	0,152	FALSE
0,162	0,283	0,006	0,012	0,201	FALSE
0,165	0,284	0,006	0,011	0,215	FALSE
0,057	0,284	0,002	0,015	0,042	FALSE
-0,009	0,287	-0,002	0,017	0,038	FALSE
-0,071	0,295	-0,005	0,019	0,100	FALSE
-0,145	0,287	-0,008	0,014	0,225	FALSE
-0,039	0,282	-0,002	0,013	0,045	FALSE
-0,116	0,265	-0,005	0,016	0,137	FALSE
0,023	0,287	0,000	0,010	0,016	FALSE
0,023	0,279	0,001	0,009	0,044	FALSE
-0,036	0,295	-0,002	0,010	0,089	FALSE
0,032	0,272	0,001	0,008	0,029	FALSE
0,028	0,278	0,002	0,017	0,048	FALSE
-0,049	0,294	-0,001	0,017	0,021	FALSE
0,013	0,276	0,000	0,015	0,003	FALSE
-0,095	0,286	-0,006	0,012	0,195	FALSE
-0,181	0,290	-0,006	0,011	0,244	FALSE
-0,031	0,290	-0,002	0,017	0,045	FALSE
-0,080	0,298	-0,002	0,010	0,068	FALSE
-0,003	0,280	0,001	0,015	0,025	FALSE
-0,027	0,285	-0,001	0,012	0,027	FALSE
-0,009	0,291	0,000	0,010	0,004	FALSE
0,037	0,291	0,001	0,014	0,030	FALSE
0,018	0,270	0,000	0,013	0,012	FALSE
0,015	0,283	0,000	0,015	0,004	FALSE
-0,088	0,282	-0,002	0,008	0,117	FALSE
0,064	0,292	0,003	0,009	0,145	FALSE
0,023	0,294	0,001	0,016	0,031	FALSE
0,007	0,293	0,001	0,012	0,020	FALSE
0,241	0,278	0,007	0,009	0,319	FALSE
-0,129	0,277	-0,004	0,010	0,182	FALSE
-0,112	0,286	-0,003	0,009	0,121	FALSE
-0,159	0,286	-0,005	0,010	0,207	FALSE
-0,132	0,282	-0,005	0,012	0,180	FALSE
0,147	0,279	0,009	0,016	0,233	FALSE
-0,052	0,280	-0,002	0,010	0,076	FALSE
-0,179	0,272	-0,008	0,015	0,240	FALSE
0,080	0,284	0,006	0,016	0,163	FALSE
0,085	0,286	0,003	0,017	0,075	FALSE
0,019	0,283	0,001	0,015	0,014	FALSE
-0,123	0,270	-0,004	0,013	0,140	FALSE
-0,099	0,284	-0,001	0,009	0,060	FALSE
-0,079	0,287	-0,002	0,011	0,076	FALSE
-0,016	0,295	0,002	0,016	0,046	FALSE
-0,047	0,257	-0,002	0,016	0,057	FALSE

-0,114	0,282	-0,006	0,017	0,131	FALSE
-0,041	0,290	-0,002	0,017	0,052	FALSE
-0,077	0,274	-0,002	0,010	0,063	FALSE
-0,024	0,283	-0,001	0,011	0,019	FALSE
-0,152	0,279	-0,007	0,014	0,213	FALSE
0,076	0,278	0,003	0,017	0,070	FALSE
-0,103	0,262	-0,006	0,017	0,153	FALSE
0,120	0,280	0,006	0,017	0,139	FALSE
-0,057	0,283	-0,003	0,013	0,078	FALSE
-0,035	0,290	-0,001	0,009	0,041	FALSE
0,052	0,286	0,003	0,013	0,096	FALSE
-0,285	0,270	-0,016	0,017	0,450	FALSE
-0,179	0,277	-0,007	0,011	0,277	FALSE
-0,250	0,263	-0,011	0,012	0,431	FALSE
0,114	0,277	0,004	0,016	0,095	FALSE
0,047	0,293	0,004	0,016	0,095	FALSE
0,003	0,283	-0,003	0,017	0,069	FALSE
0,018	0,284	0,002	0,009	0,090	FALSE
-0,184	0,282	-0,005	0,009	0,239	FALSE
0,131	0,287	0,005	0,010	0,217	FALSE
-0,165	0,293	-0,006	0,013	0,189	FALSE
-0,226	0,256	-0,009	0,016	0,245	FALSE
0,021	0,294	0,002	0,016	0,049	FALSE
0,031	0,284	0,000	0,010	0,005	FALSE
0,002	0,286	0,000	0,017	0,006	FALSE
-0,153	0,292	-0,004	0,010	0,181	FALSE
-0,058	0,291	-0,004	0,016	0,089	FALSE
-0,005	0,295	-0,001	0,018	0,015	FALSE
0,007	0,314	0,000	0,018	0,001	FALSE
0,001	0,271	-0,001	0,016	0,022	FALSE
0,086	0,272	0,005	0,017	0,104	FALSE
0,112	0,283	0,004	0,009	0,158	FALSE
-0,117	0,271	-0,004	0,012	0,134	FALSE
0,001	0,281	-0,002	0,015	0,055	FALSE
0,034	0,286	0,002	0,015	0,052	FALSE
-0,059	0,276	-0,002	0,009	0,099	FALSE
0,035	0,293	0,001	0,009	0,031	FALSE
0,038	0,282	0,001	0,009	0,028	FALSE
0,070	0,271	0,002	0,018	0,037	FALSE
0,183	0,267	0,009	0,016	0,243	FALSE
-0,064	0,267	-0,003	0,009	0,141	FALSE
-0,035	0,277	-0,002	0,010	0,083	FALSE
0,160	0,288	0,006	0,010	0,228	FALSE
0,019	0,273	0,002	0,017	0,049	FALSE
0,021	0,277	0,002	0,018	0,042	FALSE
0,019	0,280	0,001	0,017	0,012	FALSE
-0,014	0,266	-0,001	0,013	0,018	FALSE
0,092	0,255	0,004	0,012	0,143	FALSE
0,156	0,284	0,005	0,009	0,217	FALSE
-0,096	0,274	-0,007	0,017	0,172	FALSE
-0,030	0,275	-0,003	0,014	0,092	FALSE
-0,029	0,289	-0,003	0,014	0,086	FALSE
-0,017	0,295	-0,002	0,015	0,042	FALSE

-0,049	0,303	-0,004	0,015	0,096	FALSE
-0,043	0,284	-0,004	0,014	0,099	FALSE
0,039	0,279	-0,002	0,012	0,050	FALSE
0,103	0,272	0,007	0,014	0,195	FALSE
-0,097	0,286	-0,004	0,011	0,146	FALSE
0,133	0,285	0,004	0,009	0,186	FALSE
-0,142	0,283	-0,004	0,012	0,146	FALSE
0,012	0,287	0,001	0,010	0,043	FALSE
0,008	0,277	0,004	0,014	0,101	FALSE
0,064	0,259	0,002	0,009	0,086	FALSE
-0,108	0,274	-0,002	0,017	0,035	FALSE
-0,093	0,292	-0,001	0,009	0,048	FALSE
0,064	0,277	0,002	0,015	0,050	FALSE
-0,082	0,281	-0,004	0,013	0,117	FALSE
0,122	0,262	0,005	0,011	0,166	FALSE
0,041	0,275	0,002	0,008	0,094	FALSE
0,035	0,276	0,001	0,010	0,042	FALSE
0,025	0,298	0,000	0,014	0,007	FALSE
-0,011	0,292	0,000	0,013	0,010	FALSE
-0,148	0,280	-0,006	0,011	0,238	FALSE
-0,056	0,265	-0,002	0,016	0,038	FALSE
-0,001	0,289	0,000	0,018	0,002	FALSE
0,060	0,282	0,003	0,011	0,104	FALSE
0,001	0,280	0,000	0,010	0,009	FALSE
-0,136	0,283	-0,005	0,010	0,194	FALSE
0,026	0,286	0,000	0,010	0,018	FALSE
-0,041	0,279	-0,001	0,010	0,040	FALSE
0,108	0,287	0,004	0,009	0,184	FALSE
0,134	0,266	0,006	0,010	0,242	FALSE
0,028	0,284	0,002	0,016	0,041	FALSE
-0,027	0,287	-0,002	0,012	0,049	FALSE
-0,018	0,300	0,000	0,013	0,002	FALSE
-0,126	0,285	-0,003	0,011	0,093	FALSE
-0,108	0,279	-0,002	0,010	0,063	FALSE
-0,054	0,285	-0,001	0,012	0,046	FALSE
-0,066	0,287	-0,001	0,010	0,038	FALSE
-0,045	0,282	0,000	0,010	0,000	FALSE
-0,050	0,297	-0,003	0,010	0,110	FALSE
-0,011	0,284	-0,002	0,010	0,063	FALSE
0,047	0,275	0,003	0,010	0,117	FALSE
0,037	0,276	-0,001	0,009	0,029	FALSE
-0,183	0,270	-0,007	0,010	0,327	FALSE
0,105	0,275	0,004	0,009	0,185	FALSE
0,014	0,283	0,001	0,012	0,039	FALSE
-0,009	0,267	0,000	0,011	0,006	FALSE
-0,072	0,287	-0,004	0,009	0,152	FALSE
-0,230	0,259	-0,007	0,010	0,324	FALSE
0,098	0,285	0,003	0,009	0,122	FALSE
-0,044	0,283	-0,002	0,017	0,053	FALSE
0,129	0,278	0,003	0,009	0,124	FALSE
-0,060	0,284	-0,001	0,010	0,033	FALSE
-0,095	0,285	-0,005	0,012	0,159	FALSE
-0,019	0,282	0,001	0,010	0,024	FALSE

0,039	0,283	-0,001	0,013	0,028	FALSE
0,036	0,291	0,001	0,012	0,023	FALSE
0,003	0,292	-0,002	0,013	0,059	FALSE
0,126	0,277	0,006	0,016	0,152	FALSE
0,031	0,283	0,001	0,010	0,047	FALSE
0,075	0,280	0,002	0,009	0,080	FALSE
-0,005	0,271	-0,001	0,014	0,032	FALSE
-0,063	0,289	-0,002	0,012	0,047	FALSE
-0,068	0,289	-0,002	0,013	0,060	FALSE
0,066	0,295	0,002	0,009	0,088	FALSE
0,016	0,294	0,001	0,009	0,040	FALSE
0,078	0,287	0,003	0,012	0,087	FALSE
0,019	0,288	-0,001	0,013	0,029	FALSE
0,094	0,258	0,004	0,012	0,131	FALSE
0,145	0,274	0,007	0,017	0,167	FALSE
0,053	0,293	0,003	0,017	0,074	FALSE
0,257	0,274	0,008	0,011	0,326	FALSE
-0,066	0,305	0,000	0,009	0,001	FALSE
0,167	0,282	0,006	0,012	0,218	FALSE
0,043	0,283	0,001	0,010	0,042	FALSE
-0,067	0,280	-0,001	0,009	0,051	FALSE
-0,069	0,285	-0,004	0,015	0,106	FALSE
0,125	0,295	0,005	0,016	0,137	FALSE
0,003	0,273	-0,002	0,015	0,042	FALSE
-0,098	0,277	-0,005	0,013	0,153	FALSE
-0,006	0,276	0,000	0,009	0,016	FALSE
-0,121	0,283	-0,005	0,010	0,199	FALSE
0,038	0,292	0,001	0,014	0,017	FALSE
-0,013	0,278	0,001	0,009	0,023	FALSE
0,115	0,284	0,004	0,012	0,114	FALSE
0,065	0,284	0,003	0,009	0,107	FALSE
0,124	0,278	0,007	0,015	0,191	FALSE
-0,035	0,286	-0,001	0,012	0,035	FALSE
-0,089	0,271	-0,001	0,010	0,049	FALSE
-0,086	0,298	-0,002	0,010	0,080	FALSE
0,000	0,289	0,000	0,011	0,009	FALSE
0,160	0,267	0,009	0,015	0,251	FALSE
0,040	0,286	0,001	0,009	0,057	FALSE
-0,068	0,280	-0,003	0,017	0,060	FALSE
-0,097	0,293	-0,003	0,010	0,114	FALSE
0,086	0,280	0,004	0,017	0,085	FALSE
0,017	0,276	0,001	0,013	0,029	FALSE
0,038	0,269	0,000	0,011	0,005	FALSE
-0,005	0,296	-0,001	0,011	0,037	FALSE
0,053	0,285	0,001	0,010	0,044	FALSE
0,016	0,281	0,000	0,011	0,015	FALSE
0,003	0,294	-0,001	0,011	0,041	FALSE
-0,027	0,276	-0,002	0,011	0,067	FALSE
-0,078	0,279	-0,004	0,017	0,082	FALSE
0,155	0,274	0,006	0,012	0,212	FALSE
-0,060	0,293	-0,001	0,014	0,038	FALSE
0,069	0,274	0,001	0,009	0,049	FALSE
0,112	0,264	0,004	0,017	0,099	FALSE

-0,032	0,296	0,001	0,015	0,029	FALSE
-0,025	0,292	-0,002	0,009	0,076	FALSE
-0,092	0,272	-0,002	0,008	0,080	FALSE
0,048	0,292	0,000	0,018	0,004	FALSE
-0,060	0,300	-0,005	0,017	0,109	FALSE
0,018	0,276	0,003	0,009	0,103	FALSE
0,117	0,273	0,004	0,013	0,130	FALSE
0,053	0,284	0,004	0,017	0,080	FALSE
0,171	0,263	0,006	0,011	0,234	FALSE
0,027	0,287	0,001	0,017	0,024	FALSE
-0,107	0,288	-0,002	0,010	0,091	FALSE
-0,071	0,294	-0,002	0,015	0,046	FALSE
-0,062	0,298	-0,003	0,014	0,075	FALSE
-0,051	0,288	-0,002	0,013	0,047	FALSE
-0,042	0,288	-0,001	0,011	0,026	FALSE
0,050	0,294	0,001	0,013	0,036	FALSE
-0,037	0,290	-0,002	0,012	0,053	FALSE
-0,002	0,284	-0,001	0,017	0,014	FALSE
0,017	0,294	0,000	0,017	0,000	FALSE
0,267	0,268	0,008	0,010	0,372	FALSE
0,006	0,283	0,002	0,017	0,042	FALSE
-0,076	0,294	-0,004	0,012	0,123	FALSE
0,153	0,265	0,004	0,008	0,212	FALSE
-0,095	0,274	-0,004	0,014	0,107	FALSE
-0,125	0,277	-0,006	0,015	0,163	FALSE
-0,027	0,285	-0,003	0,013	0,080	FALSE
0,007	0,284	-0,001	0,011	0,018	FALSE
-0,025	0,292	0,000	0,013	0,013	FALSE
-0,013	0,279	0,000	0,012	0,013	FALSE
0,054	0,260	0,004	0,016	0,105	FALSE
-0,090	0,298	-0,006	0,018	0,123	FALSE
-0,008	0,280	-0,003	0,013	0,079	FALSE
0,072	0,288	0,001	0,011	0,025	FALSE
0,027	0,282	-0,001	0,010	0,036	FALSE
0,082	0,279	0,001	0,010	0,045	FALSE
0,014	0,295	0,000	0,012	0,010	FALSE
0,053	0,287	0,000	0,010	0,006	FALSE
0,081	0,273	0,001	0,010	0,036	FALSE
-0,033	0,270	-0,002	0,015	0,052	FALSE
0,002	0,286	0,001	0,011	0,033	FALSE
-0,101	0,275	-0,006	0,016	0,143	FALSE
0,116	0,271	0,005	0,010	0,228	FALSE
-0,013	0,273	-0,001	0,014	0,038	FALSE
-0,164	0,280	-0,005	0,012	0,174	FALSE
-0,051	0,275	0,000	0,012	0,003	FALSE
0,199	0,263	0,008	0,015	0,215	FALSE
-0,082	0,281	-0,002	0,009	0,106	FALSE
-0,091	0,273	-0,003	0,010	0,119	FALSE
-0,061	0,295	-0,001	0,015	0,023	FALSE
-0,013	0,295	-0,002	0,015	0,045	FALSE
0,057	0,281	0,001	0,015	0,021	FALSE
-0,080	0,283	-0,001	0,009	0,038	FALSE
0,116	0,286	0,004	0,009	0,164	FALSE

-0,068	0,288	-0,003	0,017	0,065	FALSE
0,026	0,272	0,000	0,012	0,010	FALSE
0,072	0,278	0,004	0,015	0,102	FALSE
-0,057	0,284	-0,001	0,011	0,040	FALSE
-0,016	0,288	0,000	0,017	0,008	FALSE
0,064	0,298	0,002	0,012	0,059	FALSE
0,030	0,283	0,000	0,010	0,006	FALSE
0,002	0,274	0,001	0,012	0,026	FALSE
0,015	0,276	0,003	0,017	0,058	FALSE
0,006	0,283	0,001	0,017	0,025	FALSE
0,009	0,278	0,002	0,017	0,045	FALSE
-0,035	0,289	-0,001	0,011	0,016	FALSE
-0,011	0,289	-0,001	0,016	0,013	FALSE
0,063	0,287	0,002	0,009	0,067	FALSE
-0,028	0,289	-0,002	0,011	0,054	FALSE
0,133	0,287	0,005	0,014	0,162	FALSE
0,077	0,293	0,003	0,010	0,136	FALSE
-0,182	0,290	-0,005	0,009	0,234	FALSE
-0,220	0,281	-0,014	0,018	0,371	FALSE
-0,037	0,285	-0,002	0,009	0,079	FALSE
-0,073	0,288	-0,002	0,008	0,094	FALSE
-0,038	0,280	-0,002	0,010	0,064	FALSE
0,009	0,280	0,001	0,011	0,032	FALSE
0,030	0,277	0,001	0,015	0,020	FALSE
0,076	0,281	0,004	0,012	0,149	FALSE
-0,004	0,272	-0,001	0,015	0,022	FALSE
0,016	0,267	0,001	0,014	0,014	FALSE
0,054	0,274	0,002	0,013	0,053	FALSE
0,001	0,263	-0,001	0,012	0,043	FALSE
0,045	0,287	0,001	0,014	0,037	FALSE
-0,068	0,277	-0,004	0,016	0,099	FALSE
-0,100	0,270	-0,008	0,017	0,213	FALSE
-0,105	0,285	-0,006	0,017	0,143	FALSE
-0,109	0,268	-0,007	0,015	0,187	FALSE
-0,143	0,269	-0,012	0,018	0,312	FALSE
-0,028	0,294	0,001	0,018	0,021	FALSE
0,044	0,293	0,004	0,017	0,081	FALSE
0,013	0,295	-0,001	0,013	0,031	FALSE
-0,141	0,297	-0,004	0,011	0,154	FALSE
-0,112	0,285	-0,007	0,016	0,190	FALSE
-0,051	0,299	-0,003	0,014	0,074	FALSE
-0,020	0,304	-0,002	0,014	0,049	FALSE
-0,112	0,274	-0,004	0,016	0,107	FALSE
0,028	0,271	0,000	0,012	0,001	FALSE
0,066	0,287	0,002	0,010	0,095	FALSE
0,047	0,265	0,001	0,010	0,051	FALSE
0,122	0,284	0,005	0,015	0,130	FALSE
-0,015	0,289	0,000	0,013	0,005	FALSE
-0,128	0,279	-0,004	0,013	0,134	FALSE
-0,151	0,284	-0,005	0,014	0,153	FALSE
0,076	0,274	0,003	0,017	0,074	FALSE
-0,015	0,282	0,000	0,016	0,005	FALSE
-0,122	0,266	-0,007	0,017	0,168	FALSE

-0,003	0,279	-0,002	0,008	0,067	FALSE
0,004	0,295	0,001	0,011	0,046	FALSE
0,045	0,287	0,001	0,011	0,028	FALSE
-0,061	0,285	-0,001	0,009	0,022	FALSE
-0,027	0,294	-0,001	0,016	0,030	FALSE
0,009	0,293	0,002	0,009	0,092	FALSE
0,034	0,279	0,001	0,014	0,025	FALSE
0,066	0,264	0,001	0,011	0,030	FALSE
-0,147	0,280	-0,006	0,009	0,268	FALSE
0,013	0,292	0,001	0,014	0,022	FALSE
-0,172	0,281	-0,004	0,009	0,199	FALSE
-0,152	0,294	-0,004	0,009	0,184	FALSE
-0,200	0,265	-0,012	0,016	0,347	FALSE
-0,065	0,280	-0,005	0,012	0,150	FALSE
-0,102	0,296	-0,006	0,018	0,130	FALSE
0,091	0,288	0,005	0,012	0,170	FALSE
0,153	0,288	0,008	0,015	0,233	FALSE
-0,129	0,285	-0,006	0,014	0,185	FALSE
0,179	0,267	0,007	0,012	0,251	FALSE
0,314	0,261	0,009	0,009	0,493	FALSE
0,022	0,271	-0,002	0,009	0,079	FALSE
-0,130	0,274	-0,007	0,016	0,195	FALSE
0,022	0,284	-0,001	0,010	0,021	FALSE
-0,006	0,282	0,000	0,016	0,011	FALSE
0,056	0,264	0,003	0,014	0,068	FALSE
0,127	0,262	0,004	0,012	0,114	FALSE
-0,004	0,307	-0,001	0,018	0,012	FALSE
-0,066	0,293	-0,003	0,010	0,097	FALSE
0,007	0,288	0,000	0,014	0,000	FALSE
0,034	0,287	0,000	0,010	0,001	FALSE
0,053	0,289	0,001	0,009	0,057	FALSE
0,025	0,294	0,001	0,009	0,023	FALSE
0,120	0,269	0,006	0,018	0,134	FALSE
-0,012	0,304	0,001	0,018	0,018	FALSE
-0,075	0,277	-0,002	0,009	0,105	FALSE
0,021	0,289	0,000	0,012	0,002	FALSE
-0,118	0,268	-0,007	0,016	0,187	FALSE
0,041	0,273	0,003	0,013	0,095	FALSE
0,046	0,261	0,003	0,013	0,096	FALSE
0,148	0,269	0,006	0,011	0,258	FALSE
-0,116	0,282	-0,005	0,013	0,164	FALSE
0,116	0,275	0,004	0,010	0,156	FALSE
-0,127	0,276	-0,006	0,017	0,145	FALSE
-0,209	0,274	-0,009	0,013	0,299	FALSE
0,192	0,283	0,007	0,014	0,215	FALSE
-0,022	0,280	-0,002	0,014	0,067	FALSE
-0,004	0,287	-0,001	0,014	0,030	FALSE
-0,202	0,264	-0,009	0,010	0,439	FALSE
-0,057	0,277	-0,002	0,009	0,073	FALSE
-0,116	0,279	-0,004	0,009	0,164	FALSE
-0,053	0,290	-0,001	0,011	0,047	FALSE
0,146	0,272	0,006	0,017	0,148	FALSE
0,154	0,275	0,006	0,017	0,145	FALSE

-0,018	0,279	0,000	0,009	0,009	FALSE
-0,063	0,298	-0,003	0,018	0,057	FALSE
-0,041	0,286	-0,004	0,016	0,093	FALSE
0,147	0,264	0,006	0,012	0,208	FALSE
-0,204	0,278	-0,012	0,017	0,307	FALSE
0,203	0,265	0,006	0,011	0,263	FALSE
-0,168	0,272	-0,008	0,017	0,205	FALSE
0,048	0,291	0,000	0,015	0,008	FALSE
0,041	0,283	0,000	0,015	0,005	FALSE
-0,107	0,290	-0,004	0,017	0,094	FALSE
-0,132	0,294	-0,005	0,016	0,126	FALSE
-0,164	0,285	-0,005	0,011	0,187	FALSE
-0,060	0,289	-0,002	0,016	0,045	FALSE
-0,060	0,290	-0,001	0,012	0,032	FALSE
0,003	0,280	0,001	0,013	0,030	FALSE
-0,057	0,280	-0,004	0,014	0,118	FALSE
0,022	0,270	0,000	0,015	0,004	FALSE
0,023	0,266	0,000	0,016	0,003	FALSE
0,161	0,279	0,006	0,011	0,228	FALSE
0,059	0,267	0,001	0,014	0,038	FALSE
0,000	0,270	0,000	0,017	0,006	FALSE
0,037	0,267	0,002	0,018	0,045	FALSE
-0,229	0,277	-0,010	0,015	0,292	FALSE
-0,006	0,287	0,000	0,009	0,004	FALSE
-0,044	0,277	-0,001	0,010	0,045	FALSE
-0,129	0,288	-0,006	0,013	0,197	FALSE
-0,060	0,287	-0,002	0,009	0,075	FALSE
-0,027	0,299	-0,002	0,016	0,040	FALSE
-0,042	0,294	-0,002	0,016	0,053	FALSE
0,133	0,284	0,005	0,013	0,169	FALSE
0,035	0,283	0,002	0,016	0,057	FALSE
-0,049	0,278	-0,001	0,009	0,049	FALSE
-0,098	0,284	-0,005	0,017	0,110	FALSE
-0,034	0,298	-0,002	0,017	0,045	FALSE
0,029	0,295	0,001	0,009	0,033	FALSE
-0,067	0,283	-0,003	0,013	0,095	FALSE
0,044	0,264	0,005	0,016	0,114	FALSE
0,126	0,281	0,003	0,009	0,140	FALSE
0,016	0,279	0,001	0,009	0,023	FALSE
-0,089	0,288	-0,003	0,011	0,106	FALSE
-0,045	0,277	-0,003	0,011	0,102	FALSE
-0,136	0,288	-0,006	0,013	0,191	FALSE
-0,097	0,294	-0,004	0,014	0,119	FALSE
-0,137	0,286	-0,007	0,013	0,212	FALSE
-0,106	0,283	-0,004	0,012	0,135	FALSE
0,037	0,287	0,001	0,014	0,015	FALSE
-0,032	0,285	-0,001	0,009	0,021	FALSE
0,080	0,281	0,004	0,009	0,172	FALSE
-0,113	0,275	-0,009	0,016	0,233	FALSE
-0,132	0,272	-0,009	0,016	0,248	FALSE
-0,088	0,272	-0,006	0,015	0,167	FALSE
0,012	0,276	0,002	0,011	0,055	FALSE
-0,070	0,282	-0,003	0,015	0,078	FALSE

-0,042	0,283	-0,001	0,013	0,040	FALSE
0,016	0,289	0,002	0,013	0,058	FALSE
-0,153	0,280	-0,004	0,008	0,171	FALSE
-0,053	0,280	-0,002	0,010	0,083	FALSE
0,038	0,272	0,004	0,017	0,091	FALSE
-0,048	0,290	-0,003	0,010	0,109	FALSE
0,061	0,280	0,000	0,013	0,011	FALSE
0,098	0,274	0,002	0,009	0,077	FALSE
-0,136	0,290	-0,007	0,013	0,216	FALSE
0,089	0,286	0,004	0,010	0,170	FALSE
0,052	0,278	0,003	0,015	0,089	FALSE
0,079	0,296	0,005	0,016	0,121	FALSE
-0,050	0,283	0,000	0,015	0,007	FALSE
0,029	0,287	0,002	0,011	0,060	FALSE
-0,014	0,273	-0,001	0,016	0,025	FALSE
-0,084	0,287	-0,006	0,016	0,157	FALSE
-0,015	0,278	-0,001	0,016	0,018	FALSE
0,066	0,283	0,003	0,010	0,116	FALSE
-0,093	0,291	-0,005	0,016	0,136	FALSE
0,063	0,274	0,004	0,011	0,132	FALSE
0,036	0,281	0,001	0,010	0,032	FALSE
0,143	0,287	0,004	0,010	0,162	FALSE
0,059	0,285	0,003	0,010	0,095	FALSE
0,104	0,279	0,007	0,013	0,216	FALSE
0,084	0,280	0,002	0,010	0,065	FALSE
0,091	0,284	0,007	0,017	0,182	FALSE
0,090	0,280	0,007	0,017	0,174	FALSE
-0,193	0,281	-0,007	0,010	0,301	FALSE
0,202	0,266	0,006	0,010	0,239	FALSE
0,191	0,263	0,006	0,011	0,231	FALSE
-0,112	0,288	-0,005	0,010	0,188	FALSE
0,131	0,285	0,006	0,018	0,128	FALSE
-0,002	0,275	0,001	0,011	0,039	FALSE
-0,085	0,284	-0,005	0,012	0,152	FALSE
-0,012	0,280	0,001	0,009	0,046	FALSE
0,128	0,277	0,007	0,015	0,185	FALSE
0,185	0,261	0,008	0,015	0,242	FALSE
0,199	0,273	0,009	0,016	0,251	FALSE
0,070	0,286	0,004	0,014	0,111	FALSE
-0,080	0,273	-0,005	0,016	0,120	FALSE
0,007	0,281	0,001	0,010	0,026	FALSE
0,128	0,276	0,007	0,014	0,189	FALSE
-0,070	0,286	-0,002	0,014	0,053	FALSE
-0,179	0,275	-0,010	0,014	0,326	FALSE
0,185	0,289	0,006	0,011	0,230	FALSE
0,012	0,276	0,003	0,017	0,075	FALSE
-0,012	0,283	-0,001	0,011	0,029	FALSE
0,050	0,286	0,003	0,015	0,079	FALSE
-0,088	0,275	-0,004	0,013	0,131	FALSE
0,016	0,283	0,001	0,011	0,026	FALSE
0,047	0,270	0,002	0,010	0,058	FALSE
-0,116	0,273	-0,004	0,013	0,107	FALSE
0,041	0,280	0,004	0,011	0,131	FALSE

-0,194	0,284	-0,010	0,017	0,244	FALSE
0,102	0,279	0,004	0,016	0,105	FALSE
0,158	0,271	0,008	0,017	0,192	FALSE
0,050	0,282	0,004	0,012	0,152	FALSE
-0,070	0,290	-0,001	0,014	0,019	FALSE
-0,016	0,288	-0,001	0,009	0,024	FALSE
0,073	0,285	0,002	0,009	0,072	FALSE
0,106	0,284	0,003	0,009	0,120	FALSE
-0,012	0,278	-0,001	0,010	0,044	FALSE
-0,111	0,273	-0,004	0,009	0,170	FALSE
0,000	0,275	0,000	0,009	0,018	FALSE
0,045	0,273	0,000	0,016	0,002	FALSE
0,080	0,272	0,002	0,009	0,084	FALSE
-0,096	0,286	-0,005	0,012	0,159	FALSE
0,067	0,286	0,002	0,010	0,081	FALSE
-0,085	0,289	-0,005	0,013	0,166	FALSE
0,192	0,266	0,010	0,014	0,335	FALSE
-0,188	0,277	-0,006	0,009	0,265	FALSE
0,247	0,262	0,009	0,013	0,338	FALSE
-0,043	0,285	-0,001	0,016	0,032	FALSE
0,057	0,282	0,001	0,015	0,032	FALSE
0,071	0,277	0,002	0,011	0,070	FALSE
0,116	0,284	0,004	0,013	0,104	FALSE
-0,121	0,283	-0,007	0,015	0,184	FALSE
0,073	0,289	0,002	0,015	0,053	FALSE
-0,077	0,283	-0,002	0,010	0,079	FALSE
-0,012	0,283	0,000	0,009	0,018	FALSE
-0,066	0,275	-0,004	0,010	0,146	FALSE
0,035	0,275	0,001	0,013	0,034	FALSE
0,042	0,270	0,002	0,014	0,054	FALSE
-0,066	0,282	-0,002	0,012	0,053	FALSE
0,037	0,281	0,000	0,011	0,004	FALSE
-0,062	0,280	-0,003	0,018	0,054	FALSE
-0,004	0,272	0,000	0,014	0,007	FALSE
0,216	0,275	0,011	0,016	0,285	FALSE
0,029	0,273	0,001	0,015	0,026	FALSE
-0,049	0,281	-0,001	0,012	0,019	FALSE
-0,142	0,276	-0,004	0,015	0,114	FALSE
0,183	0,276	0,005	0,009	0,255	FALSE
-0,089	0,279	-0,003	0,010	0,105	FALSE
-0,007	0,276	0,000	0,016	0,002	FALSE
-0,091	0,279	-0,001	0,008	0,066	FALSE
-0,081	0,293	-0,001	0,009	0,061	FALSE
-0,096	0,284	-0,005	0,011	0,163	FALSE
-0,049	0,269	-0,001	0,012	0,023	FALSE
0,175	0,274	0,007	0,015	0,197	FALSE
-0,084	0,277	-0,003	0,017	0,068	FALSE
-0,029	0,310	0,001	0,011	0,020	FALSE
0,008	0,285	0,001	0,014	0,015	FALSE
0,010	0,271	0,001	0,011	0,048	FALSE
0,006	0,290	0,002	0,017	0,043	FALSE
-0,166	0,282	-0,003	0,009	0,159	FALSE
0,038	0,281	0,001	0,009	0,059	FALSE

0,159	0,279	0,010	0,017	0,257	FALSE
-0,052	0,292	0,001	0,013	0,016	FALSE
0,029	0,272	-0,001	0,017	0,021	FALSE
0,026	0,272	0,000	0,017	0,002	FALSE
0,099	0,276	0,005	0,012	0,158	FALSE
-0,133	0,298	-0,005	0,011	0,187	FALSE
0,103	0,275	0,004	0,011	0,160	FALSE
0,127	0,298	0,005	0,013	0,138	FALSE
0,231	0,266	0,008	0,013	0,278	FALSE
-0,117	0,287	-0,003	0,010	0,139	FALSE
0,067	0,289	0,003	0,009	0,103	FALSE
-0,152	0,289	-0,004	0,010	0,173	FALSE
0,123	0,292	0,005	0,012	0,184	FALSE
0,048	0,277	0,003	0,016	0,064	FALSE
0,150	0,287	0,005	0,010	0,220	FALSE
-0,129	0,277	-0,007	0,017	0,180	FALSE
0,036	0,285	0,004	0,014	0,109	FALSE
0,057	0,303	0,005	0,015	0,131	FALSE
0,046	0,277	-0,001	0,017	0,016	FALSE
-0,105	0,281	-0,003	0,009	0,113	FALSE
0,011	0,298	-0,002	0,018	0,032	FALSE
0,071	0,265	0,009	0,017	0,214	FALSE
-0,004	0,291	0,000	0,012	0,006	FALSE
-0,117	0,281	-0,003	0,012	0,082	FALSE
-0,138	0,288	-0,005	0,016	0,128	FALSE
0,281	0,271	0,017	0,018	0,449	FALSE
0,197	0,281	0,007	0,013	0,233	FALSE
0,347	0,245	0,015	0,013	0,562	FALSE
-0,139	0,294	-0,004	0,010	0,149	FALSE
0,058	0,285	0,003	0,014	0,071	FALSE
-0,028	0,278	-0,002	0,011	0,064	FALSE
0,022	0,285	0,000	0,013	0,008	FALSE
0,049	0,292	0,002	0,011	0,069	FALSE
-0,166	0,283	-0,008	0,016	0,218	FALSE
0,105	0,284	0,003	0,010	0,105	FALSE
0,048	0,277	0,002	0,011	0,069	FALSE
0,152	0,281	0,004	0,010	0,174	FALSE
-0,013	0,280	-0,004	0,017	0,083	FALSE
-0,017	0,291	-0,001	0,009	0,029	FALSE
0,062	0,275	0,004	0,015	0,101	FALSE
-0,207	0,278	-0,010	0,016	0,279	FALSE
-0,012	0,300	-0,001	0,013	0,040	FALSE
0,057	0,288	0,005	0,016	0,111	FALSE
-0,041	0,291	-0,006	0,018	0,135	FALSE
0,042	0,284	0,004	0,016	0,104	FALSE
-0,052	0,298	-0,005	0,017	0,101	FALSE
-0,059	0,286	-0,005	0,017	0,115	FALSE
0,078	0,287	0,003	0,010	0,100	FALSE
-0,085	0,280	-0,007	0,016	0,161	FALSE
-0,054	0,294	-0,001	0,012	0,023	FALSE
0,050	0,272	0,000	0,011	0,003	FALSE
-0,016	0,280	-0,001	0,009	0,026	FALSE
0,082	0,276	0,004	0,016	0,082	FALSE

0,110	0,271	0,006	0,012	0,208	FALSE
0,136	0,283	0,007	0,016	0,178	FALSE
0,164	0,280	0,009	0,015	0,240	FALSE
-0,156	0,292	-0,005	0,012	0,156	FALSE
0,138	0,280	0,007	0,016	0,185	FALSE
0,110	0,291	0,005	0,015	0,129	FALSE
0,029	0,288	0,003	0,010	0,101	FALSE
0,026	0,291	0,000	0,010	0,005	FALSE
-0,010	0,287	0,001	0,015	0,014	FALSE
-0,217	0,284	-0,007	0,009	0,361	FALSE
0,097	0,286	0,002	0,009	0,097	FALSE
-0,130	0,284	-0,005	0,012	0,168	FALSE
0,120	0,284	0,006	0,012	0,198	FALSE
0,054	0,278	0,003	0,018	0,053	FALSE
-0,023	0,293	-0,002	0,010	0,070	FALSE
0,006	0,290	0,001	0,009	0,027	FALSE
0,049	0,279	0,002	0,009	0,078	FALSE
0,062	0,288	0,002	0,017	0,054	FALSE
0,080	0,296	0,005	0,017	0,108	FALSE
0,071	0,290	0,004	0,016	0,110	FALSE
0,111	0,278	0,006	0,015	0,158	FALSE
0,089	0,287	0,005	0,016	0,115	FALSE
0,049	0,290	0,002	0,014	0,055	FALSE
-0,124	0,293	-0,008	0,017	0,192	FALSE
0,015	0,301	0,000	0,017	0,009	FALSE
0,056	0,294	0,002	0,016	0,056	FALSE
0,046	0,281	0,001	0,015	0,014	FALSE
-0,150	0,281	-0,006	0,014	0,188	FALSE
-0,056	0,294	-0,003	0,009	0,133	FALSE
-0,138	0,277	-0,003	0,010	0,103	FALSE
0,113	0,276	0,001	0,009	0,061	FALSE
0,066	0,294	0,001	0,013	0,037	FALSE
-0,115	0,293	-0,005	0,018	0,112	FALSE
0,140	0,276	0,005	0,011	0,194	FALSE
0,014	0,275	-0,003	0,016	0,062	FALSE
0,137	0,272	0,005	0,009	0,234	FALSE
0,151	0,268	0,007	0,017	0,161	FALSE
0,061	0,285	0,000	0,015	0,010	FALSE
0,086	0,283	0,003	0,017	0,075	FALSE
-0,032	0,282	-0,001	0,009	0,041	FALSE
0,004	0,293	0,000	0,010	0,009	FALSE
-0,107	0,288	-0,002	0,009	0,081	FALSE
0,110	0,298	0,007	0,016	0,166	FALSE
0,122	0,275	0,004	0,009	0,171	FALSE
0,037	0,279	-0,001	0,017	0,019	FALSE
0,013	0,271	0,003	0,017	0,065	FALSE
0,135	0,263	0,002	0,009	0,077	FALSE
-0,091	0,280	-0,003	0,015	0,077	FALSE
-0,026	0,303	0,001	0,009	0,029	FALSE
0,184	0,268	0,007	0,015	0,177	FALSE
-0,020	0,287	-0,002	0,009	0,061	FALSE
-0,067	0,290	-0,003	0,009	0,122	FALSE
0,204	0,287	0,008	0,013	0,261	FALSE

0,043	0,274	0,002	0,013	0,063	FALSE
0,237	0,264	0,007	0,010	0,339	FALSE
0,226	0,272	0,009	0,013	0,303	FALSE
-0,168	0,264	-0,005	0,013	0,158	FALSE
-0,156	0,260	-0,010	0,015	0,307	FALSE
0,040	0,284	0,001	0,010	0,050	FALSE
-0,070	0,281	-0,003	0,012	0,108	FALSE
0,013	0,270	0,000	0,010	0,013	FALSE
0,022	0,300	0,001	0,018	0,030	FALSE
0,061	0,288	0,004	0,014	0,111	FALSE
-0,130	0,268	-0,008	0,015	0,251	FALSE
-0,021	0,279	0,001	0,016	0,029	FALSE
-0,074	0,280	-0,005	0,017	0,102	FALSE
0,027	0,287	0,000	0,011	0,009	FALSE
0,097	0,281	0,003	0,018	0,067	FALSE
0,008	0,294	-0,001	0,018	0,020	FALSE
0,053	0,283	0,002	0,018	0,051	FALSE
0,122	0,273	0,005	0,011	0,204	FALSE
0,010	0,290	0,001	0,018	0,015	FALSE
-0,056	0,282	-0,001	0,013	0,031	FALSE
-0,046	0,281	0,000	0,013	0,005	FALSE
0,064	0,287	0,003	0,010	0,114	FALSE
-0,010	0,285	-0,001	0,015	0,013	FALSE
0,062	0,281	0,003	0,016	0,071	FALSE
-0,018	0,292	-0,002	0,013	0,045	FALSE
0,028	0,279	0,000	0,017	0,002	FALSE
0,019	0,266	0,002	0,016	0,048	FALSE
0,176	0,273	0,008	0,017	0,198	FALSE
0,034	0,284	0,002	0,012	0,052	FALSE
-0,051	0,278	-0,002	0,009	0,083	FALSE
-0,066	0,284	-0,002	0,010	0,070	FALSE
-0,022	0,280	-0,003	0,017	0,056	FALSE
-0,091	0,289	-0,005	0,012	0,159	FALSE
-0,071	0,286	-0,002	0,010	0,094	FALSE
0,000	0,272	0,003	0,016	0,082	FALSE
-0,020	0,283	0,000	0,012	0,013	FALSE
0,077	0,277	0,003	0,015	0,066	FALSE
0,168	0,264	0,006	0,013	0,204	FALSE
0,046	0,280	0,002	0,011	0,060	FALSE
-0,176	0,281	-0,007	0,013	0,246	FALSE
0,107	0,285	0,005	0,017	0,102	FALSE
-0,057	0,286	-0,002	0,017	0,045	FALSE
-0,085	0,266	-0,003	0,011	0,112	FALSE
0,200	0,290	0,009	0,014	0,282	FALSE
0,111	0,269	0,004	0,011	0,139	FALSE
0,011	0,286	-0,001	0,011	0,025	FALSE
-0,125	0,278	-0,003	0,010	0,121	FALSE
-0,065	0,287	-0,002	0,015	0,043	FALSE
-0,057	0,283	-0,002	0,015	0,056	FALSE
-0,081	0,278	-0,004	0,012	0,136	FALSE
-0,177	0,291	-0,005	0,010	0,204	FALSE
-0,049	0,272	-0,002	0,013	0,055	FALSE
-0,029	0,294	-0,003	0,016	0,075	FALSE

-0,081	0,277	-0,004	0,015	0,095	FALSE
-0,091	0,285	-0,002	0,009	0,066	FALSE
0,044	0,292	0,001	0,013	0,031	FALSE
0,144	0,282	0,006	0,012	0,225	FALSE
-0,090	0,286	-0,002	0,009	0,103	FALSE
-0,122	0,280	-0,003	0,011	0,105	FALSE
0,005	0,290	0,003	0,014	0,073	FALSE
-0,070	0,271	-0,007	0,017	0,169	FALSE
-0,028	0,300	-0,002	0,011	0,053	FALSE
0,020	0,293	0,001	0,009	0,025	FALSE
-0,108	0,266	-0,002	0,009	0,069	FALSE
0,332	0,259	0,016	0,015	0,550	FALSE
0,160	0,280	0,006	0,009	0,268	FALSE
-0,092	0,302	-0,003	0,011	0,126	FALSE
-0,078	0,282	-0,001	0,009	0,062	FALSE
-0,098	0,284	-0,002	0,009	0,077	FALSE
0,189	0,278	0,005	0,009	0,263	FALSE
0,076	0,280	0,005	0,013	0,144	FALSE
-0,001	0,284	-0,001	0,009	0,022	FALSE
0,087	0,281	0,003	0,011	0,110	FALSE
-0,102	0,287	-0,004	0,012	0,116	FALSE
0,126	0,265	0,009	0,016	0,238	FALSE
0,133	0,282	0,003	0,009	0,148	FALSE
0,026	0,263	0,000	0,016	0,005	FALSE
0,017	0,285	0,000	0,014	0,002	FALSE
0,102	0,296	0,006	0,014	0,170	FALSE
0,126	0,277	0,009	0,016	0,237	FALSE
-0,296	0,256	-0,014	0,013	0,565	FALSE
-0,007	0,278	-0,001	0,011	0,022	FALSE
-0,151	0,274	-0,005	0,010	0,226	FALSE
-0,150	0,292	-0,006	0,011	0,215	FALSE
0,066	0,266	0,004	0,017	0,084	FALSE
-0,130	0,291	-0,004	0,011	0,154	FALSE
-0,114	0,291	-0,003	0,012	0,109	FALSE
-0,131	0,285	-0,004	0,012	0,132	FALSE
0,035	0,286	0,001	0,011	0,020	FALSE
0,010	0,278	-0,001	0,016	0,017	FALSE
0,013	0,281	0,000	0,010	0,005	FALSE
-0,168	0,266	-0,005	0,009	0,219	FALSE
0,162	0,278	0,005	0,009	0,211	FALSE
-0,069	0,280	-0,003	0,014	0,096	FALSE
0,110	0,291	0,003	0,012	0,097	FALSE
-0,064	0,275	-0,001	0,012	0,024	FALSE
-0,167	0,264	-0,005	0,017	0,127	FALSE
0,114	0,278	0,005	0,014	0,130	FALSE
0,002	0,288	-0,002	0,016	0,036	FALSE
0,032	0,290	0,001	0,017	0,024	FALSE
-0,221	0,292	-0,007	0,010	0,309	FALSE
-0,231	0,278	-0,007	0,009	0,330	FALSE
-0,212	0,289	-0,007	0,011	0,281	FALSE
-0,200	0,288	-0,007	0,012	0,258	FALSE
0,075	0,287	0,004	0,012	0,133	FALSE
0,178	0,284	0,010	0,017	0,243	FALSE

0,155	0,277	0,009	0,017	0,217	FALSE
-0,108	0,276	-0,004	0,012	0,145	FALSE
0,068	0,286	0,003	0,012	0,086	FALSE
-0,032	0,289	-0,003	0,012	0,077	FALSE
0,093	0,287	0,003	0,013	0,106	FALSE
-0,126	0,291	-0,004	0,012	0,136	FALSE
0,003	0,301	0,001	0,018	0,024	FALSE
-0,135	0,283	-0,009	0,017	0,219	FALSE
-0,276	0,269	-0,013	0,015	0,410	FALSE
-0,017	0,297	0,000	0,011	0,003	FALSE
-0,042	0,292	-0,002	0,009	0,072	FALSE
0,083	0,272	0,003	0,013	0,076	FALSE
0,239	0,273	0,010	0,014	0,329	FALSE
-0,117	0,272	-0,007	0,014	0,205	FALSE
-0,058	0,287	-0,001	0,009	0,046	FALSE
0,121	0,271	0,007	0,013	0,236	FALSE
0,100	0,262	0,003	0,008	0,119	FALSE
-0,007	0,283	-0,001	0,013	0,033	FALSE
-0,041	0,281	-0,002	0,012	0,068	FALSE
-0,013	0,281	0,000	0,010	0,006	FALSE
0,042	0,275	0,000	0,009	0,014	FALSE
0,015	0,274	0,001	0,015	0,034	FALSE
0,013	0,309	0,001	0,009	0,027	FALSE
0,091	0,282	0,005	0,012	0,166	FALSE
-0,113	0,285	-0,006	0,017	0,141	FALSE
0,111	0,281	0,004	0,009	0,177	FALSE
0,235	0,258	0,007	0,010	0,306	FALSE
0,033	0,288	0,000	0,011	0,009	FALSE
0,003	0,294	-0,001	0,013	0,025	FALSE
-0,014	0,284	-0,005	0,017	0,106	FALSE
-0,095	0,280	-0,001	0,010	0,043	FALSE
-0,052	0,286	0,000	0,017	0,009	FALSE
0,008	0,298	0,001	0,010	0,032	FALSE
0,081	0,274	0,000	0,012	0,003	FALSE
-0,018	0,293	0,000	0,012	0,003	FALSE
0,002	0,300	0,000	0,013	0,013	FALSE
-0,065	0,264	-0,002	0,008	0,096	FALSE
0,072	0,278	0,003	0,011	0,088	FALSE
0,021	0,292	0,001	0,009	0,034	FALSE
-0,014	0,285	0,000	0,009	0,011	FALSE
-0,069	0,292	-0,003	0,009	0,134	FALSE
0,031	0,282	0,000	0,009	0,019	FALSE
-0,027	0,292	-0,001	0,009	0,052	FALSE
0,058	0,286	0,002	0,009	0,065	FALSE
-0,091	0,282	-0,003	0,010	0,104	FALSE
-0,075	0,279	-0,002	0,010	0,079	FALSE
-0,134	0,266	-0,011	0,016	0,289	FALSE
-0,049	0,301	-0,001	0,011	0,036	FALSE
0,037	0,299	0,002	0,018	0,046	FALSE
0,080	0,277	0,001	0,009	0,054	FALSE
-0,046	0,281	-0,002	0,009	0,081	FALSE
-0,041	0,281	-0,001	0,009	0,057	FALSE
-0,017	0,302	-0,001	0,013	0,022	FALSE

-0,086	0,283	-0,002	0,016	0,039	FALSE
0,054	0,286	0,001	0,011	0,037	FALSE
-0,076	0,285	-0,003	0,010	0,098	FALSE
0,209	0,269	0,007	0,010	0,307	FALSE
-0,107	0,293	-0,003	0,010	0,123	FALSE
-0,112	0,286	-0,004	0,014	0,110	FALSE
0,015	0,282	0,002	0,009	0,081	FALSE
-0,027	0,286	-0,003	0,013	0,077	FALSE
-0,055	0,285	-0,002	0,013	0,062	FALSE
-0,037	0,268	-0,002	0,010	0,077	FALSE
0,164	0,271	0,008	0,017	0,184	FALSE
0,060	0,274	0,001	0,009	0,047	FALSE
0,034	0,295	0,001	0,018	0,018	FALSE
0,070	0,294	0,002	0,019	0,040	FALSE
-0,020	0,295	-0,001	0,012	0,036	FALSE
0,045	0,279	0,003	0,010	0,120	FALSE
0,189	0,265	0,006	0,012	0,215	FALSE
0,032	0,284	0,002	0,010	0,094	FALSE
-0,211	0,276	-0,010	0,016	0,284	FALSE
-0,142	0,275	-0,006	0,010	0,250	FALSE
0,040	0,288	0,001	0,010	0,027	FALSE
-0,102	0,293	-0,003	0,012	0,078	FALSE
-0,052	0,299	0,000	0,012	0,014	FALSE
-0,006	0,301	-0,001	0,018	0,028	FALSE
0,049	0,294	0,002	0,009	0,064	FALSE
-0,015	0,285	-0,001	0,017	0,020	FALSE
-0,075	0,290	-0,003	0,012	0,098	FALSE
0,011	0,261	0,001	0,016	0,012	FALSE
0,113	0,263	0,005	0,017	0,118	FALSE
0,007	0,292	0,002	0,009	0,063	FALSE
-0,083	0,277	-0,004	0,011	0,121	FALSE
-0,092	0,303	-0,005	0,013	0,139	FALSE
-0,108	0,282	-0,005	0,011	0,186	FALSE
-0,001	0,287	-0,002	0,015	0,058	FALSE
0,039	0,273	0,000	0,013	0,007	FALSE
0,101	0,274	0,006	0,017	0,138	FALSE
-0,068	0,281	-0,005	0,017	0,120	FALSE
0,058	0,279	0,002	0,016	0,042	FALSE
-0,177	0,291	-0,004	0,009	0,187	FALSE
-0,073	0,275	-0,003	0,014	0,084	FALSE
-0,005	0,282	0,000	0,010	0,011	FALSE
0,041	0,278	0,001	0,010	0,046	FALSE
0,129	0,276	0,006	0,010	0,225	FALSE
0,146	0,265	0,005	0,009	0,247	FALSE
-0,144	0,280	-0,003	0,013	0,091	FALSE
0,006	0,276	0,001	0,011	0,047	FALSE
-0,173	0,293	-0,007	0,012	0,266	FALSE
0,104	0,276	0,005	0,010	0,216	FALSE
0,024	0,296	0,000	0,015	0,005	FALSE
-0,007	0,294	-0,001	0,016	0,032	FALSE
0,012	0,280	-0,001	0,014	0,025	FALSE
-0,009	0,293	-0,001	0,017	0,030	FALSE
0,019	0,294	-0,001	0,015	0,020	FALSE

0,029	0,276	-0,001	0,014	0,013	FALSE
0,056	0,298	0,001	0,012	0,039	FALSE
0,131	0,290	0,004	0,010	0,145	FALSE
0,090	0,295	0,004	0,012	0,122	FALSE
-0,046	0,281	0,000	0,015	0,011	FALSE
-0,073	0,281	-0,003	0,015	0,064	FALSE
-0,073	0,287	-0,003	0,016	0,062	FALSE
-0,096	0,287	-0,003	0,015	0,076	FALSE
0,105	0,281	0,003	0,009	0,142	FALSE
-0,112	0,289	-0,003	0,009	0,162	FALSE
0,053	0,277	0,002	0,011	0,052	FALSE
0,123	0,283	0,006	0,009	0,250	FALSE
-0,008	0,274	0,001	0,009	0,049	FALSE
-0,036	0,297	-0,001	0,010	0,029	FALSE
-0,051	0,286	-0,004	0,017	0,084	FALSE
-0,057	0,272	-0,003	0,017	0,066	FALSE
-0,022	0,289	0,000	0,012	0,001	FALSE
0,156	0,288	0,004	0,009	0,184	FALSE
0,152	0,266	0,007	0,017	0,176	FALSE
0,102	0,268	0,003	0,017	0,072	FALSE
0,146	0,273	0,007	0,012	0,270	FALSE
0,159	0,266	0,008	0,011	0,310	FALSE
0,155	0,267	0,006	0,011	0,236	FALSE
-0,028	0,280	0,000	0,011	0,010	FALSE
0,090	0,256	0,004	0,015	0,112	FALSE
-0,129	0,270	-0,003	0,012	0,107	FALSE
0,069	0,257	0,003	0,015	0,066	FALSE
-0,015	0,282	-0,004	0,017	0,092	FALSE
0,007	0,289	0,002	0,012	0,056	FALSE
-0,082	0,280	-0,001	0,014	0,026	FALSE
0,119	0,276	0,003	0,009	0,154	FALSE
-0,089	0,281	-0,001	0,010	0,051	FALSE
0,154	0,256	0,005	0,010	0,205	FALSE
0,013	0,297	-0,001	0,010	0,029	FALSE
-0,068	0,288	-0,001	0,009	0,030	FALSE
-0,068	0,278	-0,002	0,009	0,073	FALSE
-0,067	0,291	-0,003	0,017	0,064	FALSE
-0,058	0,293	-0,003	0,016	0,070	FALSE
0,102	0,285	0,005	0,011	0,187	FALSE
-0,047	0,280	-0,005	0,017	0,120	FALSE
0,006	0,296	0,001	0,013	0,024	FALSE
-0,035	0,262	0,002	0,016	0,050	FALSE
0,019	0,269	-0,002	0,016	0,038	FALSE
0,040	0,267	0,001	0,013	0,024	FALSE
-0,048	0,281	-0,002	0,009	0,069	FALSE
-0,044	0,287	-0,001	0,010	0,040	FALSE
-0,043	0,281	-0,001	0,013	0,042	FALSE
0,106	0,285	0,005	0,016	0,113	FALSE
-0,031	0,296	-0,001	0,015	0,021	FALSE
0,050	0,285	0,002	0,012	0,059	FALSE
-0,032	0,288	-0,002	0,017	0,036	FALSE
-0,017	0,278	-0,002	0,017	0,038	FALSE
0,071	0,287	0,002	0,010	0,081	FALSE

0,021	0,288	0,001	0,012	0,036	FALSE
-0,036	0,290	-0,002	0,016	0,054	FALSE
-0,021	0,276	0,000	0,009	0,011	FALSE
0,040	0,285	0,000	0,016	0,005	FALSE
-0,009	0,288	0,000	0,009	0,005	FALSE
-0,194	0,276	-0,005	0,010	0,244	FALSE
0,154	0,286	0,008	0,011	0,321	FALSE
0,115	0,277	0,006	0,014	0,165	FALSE
-0,043	0,310	-0,001	0,011	0,029	FALSE
0,005	0,297	0,000	0,010	0,016	FALSE
-0,142	0,273	-0,005	0,009	0,230	FALSE
0,188	0,287	0,006	0,010	0,251	FALSE
0,008	0,275	0,002	0,013	0,049	FALSE
-0,001	0,286	-0,001	0,014	0,031	FALSE
-0,076	0,276	-0,004	0,014	0,112	FALSE
0,018	0,288	-0,001	0,015	0,016	FALSE
-0,064	0,281	-0,004	0,014	0,105	FALSE
0,134	0,271	0,004	0,010	0,182	FALSE
-0,038	0,268	0,001	0,018	0,023	FALSE
-0,030	0,289	0,001	0,017	0,022	FALSE
0,005	0,274	0,002	0,017	0,046	FALSE
-0,013	0,293	0,001	0,016	0,031	FALSE
-0,083	0,294	-0,002	0,011	0,064	FALSE
0,113	0,266	0,004	0,010	0,145	FALSE
0,089	0,293	0,004	0,009	0,180	FALSE
0,100	0,264	0,002	0,008	0,088	FALSE
0,206	0,274	0,006	0,009	0,298	FALSE
0,167	0,275	0,006	0,017	0,138	FALSE
-0,112	0,285	-0,003	0,009	0,136	FALSE
-0,075	0,286	0,000	0,016	0,001	FALSE
0,032	0,285	0,002	0,012	0,069	FALSE
-0,103	0,285	-0,007	0,016	0,176	FALSE
0,136	0,270	0,008	0,013	0,272	FALSE
-0,098	0,291	-0,007	0,016	0,175	FALSE
0,099	0,278	0,004	0,013	0,116	FALSE
-0,091	0,275	-0,005	0,012	0,174	FALSE
-0,007	0,288	0,000	0,010	0,001	FALSE
0,083	0,289	0,003	0,018	0,053	FALSE
-0,097	0,275	-0,003	0,017	0,062	FALSE
0,051	0,281	0,000	0,009	0,001	FALSE
0,127	0,274	0,006	0,014	0,156	FALSE
0,101	0,278	0,004	0,014	0,121	FALSE
-0,032	0,283	-0,002	0,009	0,098	FALSE
-0,150	0,282	-0,005	0,010	0,183	FALSE
0,009	0,270	0,000	0,017	0,003	FALSE
-0,071	0,290	-0,001	0,009	0,025	FALSE
-0,081	0,300	-0,001	0,009	0,057	FALSE
-0,048	0,292	-0,004	0,015	0,120	FALSE
-0,090	0,280	-0,007	0,014	0,205	FALSE
-0,149	0,290	-0,006	0,013	0,196	FALSE
-0,134	0,288	-0,006	0,013	0,179	FALSE
-0,014	0,284	-0,002	0,015	0,039	FALSE
0,040	0,276	0,003	0,013	0,091	FALSE

0,025	0,285	0,002	0,012	0,063	FALSE
-0,182	0,271	-0,009	0,017	0,237	FALSE
0,001	0,276	0,000	0,010	0,009	FALSE
-0,179	0,271	-0,007	0,011	0,278	FALSE
0,102	0,280	0,004	0,018	0,097	FALSE
0,086	0,291	0,003	0,014	0,090	FALSE
-0,130	0,280	-0,003	0,012	0,110	FALSE
-0,040	0,291	-0,002	0,011	0,054	FALSE
-0,035	0,282	-0,001	0,010	0,049	FALSE
0,086	0,286	0,005	0,014	0,152	FALSE
-0,209	0,271	-0,011	0,016	0,306	FALSE
-0,133	0,278	-0,006	0,015	0,153	FALSE
-0,098	0,282	-0,004	0,014	0,107	FALSE
-0,112	0,294	-0,002	0,008	0,082	FALSE
-0,110	0,294	-0,008	0,016	0,220	FALSE
0,056	0,285	0,001	0,014	0,024	FALSE
0,048	0,278	-0,001	0,012	0,023	FALSE
0,112	0,289	0,002	0,010	0,090	FALSE
-0,094	0,283	-0,003	0,011	0,094	FALSE
-0,028	0,281	-0,002	0,015	0,039	FALSE
-0,012	0,299	-0,002	0,012	0,052	FALSE
0,059	0,270	0,004	0,011	0,147	FALSE
-0,025	0,285	-0,001	0,018	0,031	FALSE
-0,113	0,285	-0,003	0,010	0,114	FALSE
0,058	0,278	0,003	0,009	0,139	FALSE
-0,066	0,294	-0,003	0,010	0,124	FALSE
-0,010	0,291	0,000	0,010	0,007	FALSE
0,055	0,275	0,002	0,009	0,066	FALSE
-0,025	0,277	-0,003	0,017	0,071	FALSE
0,021	0,269	-0,002	0,011	0,059	FALSE
0,030	0,258	0,006	0,016	0,141	FALSE
-0,166	0,290	-0,005	0,010	0,187	FALSE
-0,002	0,268	-0,001	0,013	0,020	FALSE
-0,091	0,280	-0,005	0,017	0,110	FALSE
-0,004	0,289	0,000	0,012	0,009	FALSE
-0,060	0,288	-0,003	0,018	0,072	FALSE
-0,063	0,292	-0,003	0,018	0,064	FALSE
0,072	0,292	0,003	0,016	0,075	FALSE
0,078	0,287	0,004	0,016	0,105	FALSE
-0,267	0,271	-0,012	0,013	0,458	FALSE
0,021	0,274	-0,002	0,015	0,052	FALSE
-0,042	0,283	-0,002	0,009	0,066	FALSE
-0,006	0,291	0,000	0,011	0,003	FALSE
0,005	0,291	0,001	0,013	0,039	FALSE
0,095	0,273	0,007	0,016	0,167	FALSE
-0,106	0,276	-0,004	0,013	0,128	FALSE
-0,078	0,277	-0,002	0,017	0,042	FALSE
0,086	0,281	0,003	0,010	0,098	FALSE
0,047	0,284	0,003	0,016	0,074	FALSE
0,003	0,268	-0,004	0,014	0,101	FALSE
0,067	0,288	0,004	0,015	0,106	FALSE
0,022	0,288	0,005	0,018	0,104	FALSE
0,052	0,293	0,002	0,010	0,071	FALSE

-0,018	0,284	0,001	0,011	0,032	FALSE
0,043	0,294	0,004	0,015	0,116	FALSE
-0,072	0,284	-0,003	0,013	0,102	FALSE
0,014	0,281	0,000	0,017	0,009	FALSE
0,069	0,286	0,003	0,008	0,130	FALSE
-0,274	0,256	-0,016	0,016	0,518	FALSE
-0,063	0,283	-0,005	0,016	0,133	FALSE
0,097	0,293	0,007	0,015	0,178	FALSE
-0,091	0,294	-0,003	0,010	0,115	FALSE
-0,033	0,290	0,000	0,009	0,013	FALSE
-0,016	0,283	0,000	0,009	0,015	FALSE
-0,192	0,275	-0,008	0,012	0,303	FALSE
-0,175	0,265	-0,007	0,011	0,288	FALSE
-0,006	0,291	-0,001	0,009	0,023	FALSE
0,100	0,279	0,003	0,010	0,116	FALSE
0,079	0,281	0,004	0,011	0,142	FALSE
0,142	0,276	0,005	0,017	0,121	FALSE
-0,057	0,297	-0,001	0,013	0,032	FALSE
0,040	0,289	0,002	0,014	0,065	FALSE
0,027	0,301	0,002	0,015	0,038	FALSE
-0,070	0,284	-0,003	0,013	0,086	FALSE
0,090	0,274	0,001	0,008	0,064	FALSE
0,089	0,274	0,003	0,010	0,118	FALSE
0,038	0,271	-0,001	0,009	0,038	FALSE
-0,203	0,278	-0,006	0,008	0,317	FALSE
-0,086	0,301	-0,002	0,009	0,071	FALSE
-0,081	0,296	-0,002	0,009	0,078	FALSE
-0,015	0,284	-0,002	0,018	0,034	FALSE
-0,106	0,290	-0,002	0,009	0,092	FALSE
0,005	0,286	0,001	0,014	0,020	FALSE
-0,131	0,283	-0,004	0,010	0,188	FALSE
0,058	0,277	0,003	0,017	0,055	FALSE
-0,051	0,275	-0,002	0,014	0,046	FALSE
0,009	0,270	0,000	0,013	0,002	FALSE
-0,173	0,274	-0,011	0,016	0,330	FALSE
-0,068	0,293	-0,002	0,016	0,055	FALSE
-0,041	0,289	-0,003	0,010	0,119	FALSE
-0,124	0,280	-0,008	0,015	0,218	FALSE
0,107	0,270	0,005	0,013	0,165	FALSE
0,033	0,280	0,001	0,009	0,046	FALSE
-0,136	0,289	-0,004	0,009	0,177	FALSE
-0,077	0,271	-0,007	0,016	0,178	FALSE
-0,077	0,290	-0,006	0,016	0,155	FALSE
0,054	0,293	0,002	0,012	0,055	FALSE
0,084	0,280	0,002	0,012	0,067	FALSE
0,161	0,266	0,007	0,014	0,224	FALSE
0,078	0,286	0,004	0,012	0,116	FALSE
0,065	0,286	0,003	0,012	0,084	FALSE
0,082	0,291	0,004	0,012	0,122	FALSE
0,022	0,279	-0,001	0,017	0,011	FALSE
0,169	0,286	0,008	0,016	0,218	FALSE
0,016	0,280	0,003	0,016	0,057	FALSE
-0,041	0,290	-0,001	0,017	0,016	FALSE

-0,049	0,285	-0,001	0,017	0,011	FALSE
-0,055	0,286	-0,004	0,017	0,092	FALSE
-0,048	0,283	-0,001	0,017	0,031	FALSE
0,006	0,287	-0,001	0,018	0,026	FALSE
0,006	0,290	0,000	0,009	0,001	FALSE
-0,028	0,287	-0,001	0,012	0,020	FALSE
-0,113	0,285	-0,005	0,014	0,137	FALSE
0,021	0,292	0,002	0,009	0,078	FALSE
0,098	0,288	0,005	0,015	0,127	FALSE
0,106	0,292	0,004	0,014	0,116	FALSE
0,058	0,285	0,002	0,010	0,074	FALSE
-0,112	0,272	-0,009	0,015	0,255	FALSE
-0,102	0,290	-0,008	0,017	0,183	FALSE
0,005	0,279	0,000	0,017	0,006	FALSE
0,138	0,278	0,006	0,013	0,190	FALSE
0,022	0,282	0,001	0,017	0,022	FALSE
-0,055	0,276	-0,002	0,015	0,048	FALSE
-0,033	0,273	-0,001	0,015	0,013	FALSE
-0,021	0,278	0,000	0,016	0,003	FALSE
-0,031	0,280	-0,001	0,016	0,023	FALSE
-0,045	0,263	-0,005	0,017	0,129	FALSE
0,081	0,274	0,002	0,011	0,070	FALSE
0,087	0,268	0,006	0,017	0,145	FALSE
-0,093	0,282	-0,003	0,017	0,071	FALSE
0,164	0,276	0,007	0,012	0,259	FALSE
-0,095	0,268	-0,003	0,008	0,143	FALSE
-0,033	0,284	0,001	0,016	0,013	FALSE
-0,154	0,278	-0,003	0,009	0,106	FALSE
-0,157	0,260	-0,008	0,017	0,208	FALSE
0,020	0,269	0,000	0,012	0,004	FALSE
0,012	0,283	0,000	0,013	0,004	FALSE
0,024	0,268	0,000	0,012	0,010	FALSE
0,020	0,296	0,000	0,010	0,000	FALSE
-0,076	0,285	-0,003	0,012	0,103	FALSE
-0,199	0,271	-0,011	0,015	0,329	FALSE
-0,061	0,279	-0,002	0,010	0,080	FALSE
-0,095	0,297	-0,002	0,010	0,084	FALSE
0,154	0,269	0,009	0,013	0,317	FALSE
-0,069	0,284	-0,001	0,010	0,050	FALSE
-0,025	0,257	-0,005	0,017	0,109	FALSE
0,017	0,283	0,000	0,010	0,017	FALSE
0,242	0,282	0,014	0,019	0,355	FALSE
-0,063	0,286	-0,002	0,010	0,090	FALSE
-0,207	0,294	-0,006	0,009	0,260	FALSE
-0,105	0,276	-0,004	0,013	0,137	FALSE
-0,218	0,302	-0,007	0,011	0,297	FALSE
0,034	0,287	0,000	0,016	0,006	FALSE
-0,130	0,290	-0,004	0,011	0,123	FALSE
-0,030	0,276	-0,004	0,017	0,077	FALSE
-0,212	0,271	-0,014	0,017	0,383	FALSE
0,064	0,294	0,004	0,012	0,127	FALSE
0,137	0,279	0,008	0,013	0,259	FALSE
-0,113	0,273	-0,006	0,012	0,194	FALSE

-0,048	0,282	-0,003	0,013	0,089	FALSE
-0,094	0,276	-0,003	0,011	0,111	FALSE
0,086	0,289	0,003	0,009	0,131	FALSE
-0,069	0,276	-0,003	0,013	0,078	FALSE
0,065	0,280	0,002	0,008	0,117	FALSE
-0,149	0,291	-0,009	0,014	0,290	FALSE
-0,150	0,269	-0,009	0,013	0,307	FALSE
-0,168	0,279	-0,010	0,014	0,329	FALSE
0,272	0,266	0,013	0,017	0,363	FALSE
-0,033	0,276	0,000	0,009	0,012	FALSE
-0,067	0,284	-0,004	0,017	0,082	FALSE
-0,031	0,282	0,000	0,011	0,001	FALSE
0,022	0,292	0,002	0,011	0,062	FALSE
-0,227	0,280	-0,008	0,011	0,327	FALSE
0,006	0,297	0,000	0,009	0,017	FALSE
0,141	0,267	0,005	0,010	0,194	FALSE
0,104	0,271	0,001	0,009	0,043	FALSE
-0,094	0,274	-0,003	0,013	0,090	FALSE
-0,080	0,281	-0,002	0,012	0,066	FALSE
0,092	0,296	0,003	0,010	0,117	FALSE
0,187	0,282	0,005	0,010	0,233	FALSE
-0,021	0,288	0,002	0,015	0,039	FALSE
0,059	0,286	0,001	0,013	0,029	FALSE
0,025	0,290	0,002	0,011	0,052	FALSE
0,129	0,288	0,005	0,014	0,145	FALSE
0,073	0,287	0,002	0,010	0,068	FALSE
0,038	0,296	0,002	0,013	0,042	FALSE
0,069	0,284	0,002	0,009	0,079	FALSE
0,046	0,282	0,001	0,009	0,044	FALSE
0,070	0,275	0,002	0,009	0,068	FALSE
-0,026	0,287	0,000	0,016	0,007	FALSE
-0,150	0,271	-0,004	0,011	0,167	FALSE
-0,198	0,276	-0,006	0,010	0,235	FALSE
-0,216	0,280	-0,007	0,012	0,242	FALSE
0,175	0,291	0,006	0,010	0,225	FALSE
-0,091	0,276	-0,004	0,012	0,116	FALSE
0,094	0,282	0,005	0,017	0,121	FALSE
-0,095	0,272	-0,004	0,010	0,160	FALSE
0,091	0,282	0,006	0,017	0,129	FALSE
-0,156	0,271	-0,008	0,015	0,211	FALSE
-0,066	0,277	-0,002	0,008	0,081	FALSE
0,169	0,278	0,009	0,015	0,260	FALSE
0,038	0,276	0,002	0,010	0,061	FALSE
-0,083	0,279	-0,002	0,009	0,077	FALSE
-0,045	0,260	-0,002	0,015	0,044	FALSE
-0,088	0,291	-0,002	0,009	0,075	FALSE
-0,094	0,297	-0,003	0,012	0,109	FALSE
-0,012	0,281	-0,002	0,016	0,048	FALSE
-0,056	0,293	-0,002	0,010	0,058	FALSE
-0,152	0,274	-0,006	0,016	0,157	FALSE
-0,057	0,291	-0,001	0,010	0,049	FALSE
-0,034	0,281	0,000	0,012	0,007	FALSE
0,115	0,293	0,005	0,014	0,147	FALSE

-0,036	0,272	-0,003	0,013	0,094	FALSE
-0,005	0,284	0,000	0,015	0,005	FALSE
0,073	0,291	0,003	0,016	0,060	FALSE
0,033	0,288	0,003	0,015	0,073	FALSE
-0,206	0,274	-0,009	0,014	0,295	FALSE
-0,001	0,289	0,000	0,011	0,015	FALSE
-0,062	0,298	-0,001	0,014	0,033	FALSE
-0,112	0,297	-0,006	0,014	0,165	FALSE
-0,089	0,278	-0,004	0,014	0,111	FALSE
0,139	0,260	0,006	0,016	0,144	FALSE
-0,005	0,262	0,001	0,011	0,033	FALSE
0,058	0,283	0,003	0,015	0,086	FALSE
-0,197	0,285	-0,012	0,018	0,297	FALSE
0,019	0,283	0,002	0,015	0,042	FALSE
0,107	0,284	0,003	0,009	0,119	FALSE
0,074	0,272	0,001	0,009	0,058	FALSE
-0,122	0,290	-0,006	0,017	0,140	FALSE
-0,101	0,286	-0,003	0,009	0,122	FALSE
-0,012	0,290	0,000	0,012	0,009	FALSE
0,005	0,280	0,000	0,012	0,009	FALSE
-0,004	0,290	0,000	0,012	0,004	FALSE
0,004	0,289	0,001	0,016	0,020	FALSE
-0,084	0,277	-0,002	0,008	0,111	FALSE
-0,207	0,277	-0,012	0,017	0,326	FALSE
-0,174	0,274	-0,009	0,015	0,263	FALSE
-0,086	0,281	-0,003	0,010	0,095	FALSE
0,036	0,302	0,002	0,017	0,039	FALSE
0,159	0,273	0,004	0,008	0,212	FALSE
0,125	0,287	0,005	0,012	0,153	FALSE
-0,041	0,275	-0,003	0,013	0,099	FALSE
0,066	0,279	0,003	0,018	0,071	FALSE
0,002	0,288	0,001	0,011	0,022	FALSE
-0,093	0,293	-0,005	0,016	0,126	FALSE
-0,134	0,280	-0,007	0,015	0,184	FALSE
-0,115	0,281	-0,005	0,011	0,174	FALSE
-0,120	0,288	-0,006	0,014	0,161	FALSE
-0,010	0,285	-0,001	0,013	0,018	FALSE
0,002	0,289	0,001	0,009	0,043	FALSE
0,049	0,299	0,003	0,011	0,124	FALSE
-0,214	0,266	-0,011	0,014	0,353	FALSE
-0,181	0,277	-0,009	0,014	0,286	FALSE
0,059	0,293	0,004	0,011	0,162	FALSE
-0,172	0,278	-0,008	0,015	0,221	FALSE
0,027	0,276	0,003	0,015	0,072	FALSE
0,029	0,290	0,002	0,011	0,052	FALSE
-0,015	0,275	-0,003	0,016	0,079	FALSE
-0,059	0,255	-0,005	0,014	0,141	FALSE
-0,212	0,274	-0,009	0,015	0,269	FALSE
-0,194	0,279	-0,006	0,010	0,283	FALSE
-0,166	0,281	-0,007	0,017	0,164	FALSE
-0,196	0,277	-0,007	0,010	0,289	FALSE
0,057	0,287	0,004	0,010	0,159	FALSE
0,053	0,283	0,004	0,010	0,151	FALSE

0,080	0,297	0,005	0,010	0,183	FALSE
0,004	0,293	0,002	0,010	0,065	FALSE
-0,028	0,275	-0,001	0,010	0,029	FALSE
-0,241	0,291	-0,008	0,010	0,387	FALSE
-0,176	0,293	-0,011	0,019	0,269	FALSE
0,162	0,273	0,010	0,018	0,253	FALSE
0,168	0,282	0,009	0,013	0,322	FALSE
0,148	0,281	0,010	0,017	0,237	FALSE
0,142	0,281	0,009	0,017	0,218	FALSE
0,097	0,288	0,004	0,017	0,102	FALSE
-0,148	0,279	-0,008	0,015	0,222	FALSE
0,090	0,279	0,005	0,012	0,179	FALSE
0,044	0,301	0,002	0,014	0,061	FALSE
-0,047	0,273	-0,002	0,011	0,067	FALSE
-0,129	0,297	-0,003	0,009	0,144	FALSE
-0,086	0,283	-0,004	0,010	0,170	FALSE
-0,136	0,285	-0,006	0,010	0,248	FALSE
-0,154	0,277	-0,007	0,013	0,231	FALSE
-0,036	0,292	-0,001	0,010	0,053	FALSE
-0,165	0,279	-0,011	0,016	0,291	FALSE
0,072	0,288	0,003	0,012	0,111	FALSE
-0,079	0,295	-0,005	0,018	0,095	FALSE
-0,024	0,295	-0,001	0,010	0,048	FALSE
-0,050	0,275	-0,002	0,010	0,069	FALSE
0,006	0,264	-0,002	0,016	0,037	FALSE
-0,192	0,280	-0,006	0,011	0,228	FALSE
-0,244	0,287	-0,008	0,011	0,349	FALSE
-0,205	0,271	-0,007	0,010	0,304	FALSE
-0,079	0,284	-0,003	0,012	0,103	FALSE
0,103	0,287	0,003	0,010	0,129	FALSE
-0,200	0,275	-0,006	0,009	0,297	FALSE
0,023	0,294	0,001	0,009	0,046	FALSE
0,000	0,274	-0,001	0,017	0,023	FALSE
0,001	0,286	-0,001	0,009	0,022	FALSE
-0,137	0,284	-0,006	0,012	0,209	FALSE
0,077	0,279	0,001	0,010	0,046	FALSE
-0,016	0,279	-0,002	0,014	0,052	FALSE
-0,033	0,274	-0,003	0,014	0,076	FALSE
0,012	0,280	-0,001	0,014	0,022	FALSE
-0,079	0,288	-0,002	0,010	0,071	FALSE
0,014	0,286	0,002	0,016	0,056	FALSE
0,021	0,277	0,003	0,016	0,062	FALSE
0,061	0,271	0,005	0,015	0,128	FALSE
0,004	0,292	0,001	0,017	0,031	FALSE
0,082	0,276	0,003	0,012	0,098	FALSE
0,055	0,291	0,004	0,016	0,088	FALSE
-0,016	0,295	0,000	0,017	0,007	FALSE
-0,017	0,293	0,000	0,017	0,006	FALSE
0,057	0,291	0,004	0,016	0,083	FALSE
-0,013	0,298	0,000	0,016	0,009	FALSE
0,042	0,288	0,003	0,016	0,059	FALSE
0,021	0,291	0,001	0,016	0,031	FALSE
-0,019	0,286	-0,001	0,017	0,028	FALSE

0,083	0,291	0,002	0,012	0,052	FALSE
-0,022	0,274	-0,001	0,017	0,012	FALSE
0,070	0,291	0,005	0,017	0,126	FALSE
-0,029	0,288	-0,001	0,010	0,022	FALSE
-0,146	0,266	-0,008	0,015	0,217	FALSE
0,121	0,259	0,006	0,011	0,214	FALSE
0,013	0,284	0,001	0,014	0,024	FALSE
0,165	0,266	0,006	0,010	0,252	FALSE
0,172	0,277	0,005	0,009	0,246	FALSE
-0,122	0,275	-0,003	0,011	0,121	FALSE
-0,056	0,268	-0,004	0,016	0,100	FALSE
0,036	0,290	0,001	0,011	0,028	FALSE
0,003	0,296	0,000	0,015	0,007	FALSE
-0,145	0,276	-0,005	0,013	0,152	FALSE
-0,087	0,294	-0,002	0,009	0,070	FALSE
-0,141	0,300	-0,003	0,010	0,133	FALSE
-0,035	0,294	0,000	0,010	0,007	FALSE
0,032	0,288	0,002	0,018	0,032	FALSE
0,147	0,283	0,006	0,015	0,157	FALSE
0,046	0,283	0,000	0,013	0,011	FALSE
0,009	0,277	-0,001	0,013	0,043	FALSE
0,076	0,280	0,004	0,014	0,113	FALSE
-0,085	0,264	-0,002	0,011	0,059	FALSE
-0,110	0,285	-0,003	0,010	0,098	FALSE
0,007	0,268	0,001	0,008	0,050	FALSE
-0,089	0,275	-0,003	0,012	0,089	FALSE
-0,111	0,276	-0,003	0,009	0,122	FALSE
-0,146	0,296	-0,004	0,009	0,156	FALSE
0,041	0,294	0,003	0,014	0,082	FALSE
0,077	0,283	0,002	0,010	0,092	FALSE
-0,174	0,280	-0,006	0,012	0,212	FALSE
-0,076	0,273	-0,004	0,013	0,131	FALSE
0,017	0,284	0,001	0,011	0,021	FALSE
0,014	0,280	0,001	0,011	0,019	FALSE
0,009	0,272	0,001	0,011	0,026	FALSE
0,256	0,269	0,011	0,013	0,388	FALSE
-0,080	0,280	-0,005	0,016	0,110	FALSE
0,076	0,273	0,001	0,009	0,029	FALSE
-0,036	0,304	-0,001	0,010	0,041	FALSE
-0,082	0,294	-0,004	0,010	0,143	FALSE
-0,097	0,291	-0,004	0,011	0,155	FALSE
0,014	0,277	-0,002	0,017	0,049	FALSE
-0,014	0,276	0,002	0,012	0,055	FALSE
-0,094	0,289	-0,005	0,016	0,109	FALSE
0,021	0,291	-0,001	0,012	0,024	FALSE
0,090	0,268	0,003	0,010	0,121	FALSE
-0,075	0,270	-0,004	0,015	0,110	FALSE
0,106	0,286	0,004	0,014	0,110	FALSE
0,113	0,270	0,004	0,013	0,120	FALSE
0,124	0,264	0,005	0,013	0,133	FALSE
0,012	0,294	-0,001	0,018	0,012	FALSE
-0,142	0,275	-0,006	0,011	0,249	FALSE
-0,005	0,280	-0,001	0,016	0,033	FALSE

-0,021	0,283	-0,002	0,016	0,056	FALSE
-0,015	0,271	0,001	0,010	0,049	FALSE
0,071	0,273	0,004	0,015	0,111	FALSE
-0,048	0,283	-0,002	0,017	0,038	FALSE
0,018	0,280	-0,001	0,010	0,030	FALSE
-0,062	0,291	-0,002	0,010	0,083	FALSE
-0,082	0,282	-0,003	0,009	0,130	FALSE
0,121	0,273	0,007	0,017	0,180	FALSE
0,142	0,277	0,009	0,016	0,229	FALSE
0,010	0,270	0,000	0,011	0,011	FALSE
-0,031	0,280	-0,002	0,013	0,050	FALSE
-0,145	0,280	-0,007	0,012	0,257	FALSE
-0,139	0,275	-0,005	0,012	0,181	FALSE
-0,155	0,285	-0,005	0,009	0,205	FALSE
-0,221	0,272	-0,007	0,009	0,323	FALSE
-0,212	0,287	-0,006	0,010	0,280	FALSE
-0,214	0,275	-0,006	0,009	0,295	FALSE
0,086	0,300	0,005	0,016	0,128	FALSE
-0,162	0,278	-0,005	0,009	0,210	FALSE
-0,174	0,269	-0,005	0,008	0,249	FALSE
-0,059	0,287	-0,002	0,017	0,045	FALSE
-0,023	0,289	0,002	0,017	0,034	FALSE
-0,085	0,270	-0,001	0,010	0,041	FALSE
-0,124	0,267	-0,010	0,017	0,256	FALSE
0,162	0,258	0,005	0,010	0,201	FALSE
0,245	0,262	0,007	0,009	0,344	FALSE
0,094	0,282	0,006	0,015	0,155	FALSE
-0,046	0,273	-0,001	0,016	0,014	FALSE
-0,041	0,278	0,000	0,009	0,015	FALSE
0,104	0,279	0,004	0,015	0,104	FALSE
0,000	0,292	0,000	0,017	0,004	FALSE
0,083	0,282	0,004	0,017	0,088	FALSE
0,115	0,274	0,006	0,017	0,144	FALSE
-0,020	0,276	-0,003	0,017	0,055	FALSE
0,146	0,279	0,008	0,014	0,246	FALSE
-0,131	0,276	-0,005	0,011	0,206	FALSE
-0,091	0,287	-0,002	0,016	0,049	FALSE
0,007	0,291	0,001	0,013	0,019	FALSE
-0,045	0,288	0,000	0,010	0,007	FALSE
-0,150	0,290	-0,004	0,011	0,154	FALSE
0,120	0,277	0,004	0,012	0,120	FALSE
-0,035	0,288	0,000	0,013	0,003	FALSE
-0,140	0,275	-0,005	0,015	0,127	FALSE
-0,013	0,288	0,000	0,009	0,009	FALSE
0,079	0,273	0,001	0,009	0,034	FALSE
0,045	0,291	0,003	0,016	0,076	FALSE
0,114	0,277	0,005	0,016	0,132	FALSE
0,049	0,295	0,003	0,017	0,060	FALSE
-0,151	0,275	-0,005	0,010	0,210	FALSE
-0,298	0,291	-0,013	0,014	0,426	FALSE
0,039	0,281	0,002	0,012	0,052	FALSE
-0,027	0,276	0,001	0,014	0,034	FALSE
-0,055	0,276	-0,002	0,010	0,057	FALSE

0,152	0,282	0,011	0,017	0,302	FALSE
0,044	0,287	0,002	0,017	0,035	FALSE
0,040	0,277	0,001	0,010	0,054	FALSE
0,120	0,267	0,005	0,010	0,188	FALSE
-0,118	0,280	-0,004	0,010	0,151	FALSE
-0,102	0,294	-0,003	0,011	0,112	FALSE
0,051	0,265	0,002	0,014	0,040	FALSE
-0,018	0,275	-0,002	0,011	0,055	FALSE
-0,118	0,284	-0,003	0,014	0,069	FALSE
-0,212	0,280	-0,006	0,009	0,278	FALSE
-0,206	0,271	-0,005	0,009	0,246	FALSE
0,087	0,289	0,004	0,015	0,113	FALSE
-0,165	0,286	-0,006	0,009	0,291	FALSE
0,062	0,279	0,002	0,014	0,068	FALSE
0,127	0,280	0,005	0,012	0,174	FALSE
-0,015	0,308	0,000	0,009	0,001	FALSE
0,040	0,280	0,002	0,009	0,086	FALSE
-0,023	0,295	-0,001	0,010	0,030	FALSE
-0,201	0,278	-0,013	0,016	0,373	FALSE
-0,029	0,289	-0,001	0,010	0,021	FALSE
0,049	0,283	0,002	0,013	0,068	FALSE
0,062	0,291	0,001	0,018	0,021	FALSE
-0,079	0,268	-0,003	0,010	0,110	FALSE
0,004	0,293	0,001	0,015	0,024	FALSE
0,326	0,254	0,015	0,016	0,464	FALSE
0,285	0,255	0,014	0,016	0,390	FALSE
0,270	0,252	0,010	0,012	0,382	FALSE
0,162	0,271	0,005	0,014	0,151	FALSE
-0,115	0,269	-0,006	0,012	0,220	FALSE
0,047	0,284	0,002	0,010	0,067	FALSE
0,023	0,283	0,002	0,017	0,035	FALSE
0,048	0,277	0,000	0,008	0,012	FALSE
-0,074	0,285	-0,002	0,011	0,066	FALSE
-0,037	0,276	0,001	0,010	0,044	FALSE
0,172	0,273	0,006	0,013	0,180	FALSE
0,236	0,262	0,008	0,012	0,310	FALSE
0,280	0,265	0,017	0,016	0,541	FALSE
0,121	0,275	0,008	0,014	0,230	FALSE
-0,154	0,280	-0,011	0,017	0,272	FALSE
0,096	0,273	0,006	0,015	0,148	FALSE
0,040	0,294	0,003	0,014	0,075	FALSE
-0,064	0,285	-0,002	0,017	0,047	FALSE
-0,028	0,279	-0,005	0,017	0,117	FALSE
0,103	0,279	0,010	0,018	0,254	FALSE
0,081	0,276	0,009	0,018	0,208	FALSE
0,094	0,282	0,009	0,017	0,227	FALSE
0,074	0,271	0,009	0,017	0,206	FALSE
0,030	0,277	0,006	0,018	0,132	FALSE
0,016	0,277	0,005	0,017	0,113	FALSE
-0,091	0,284	-0,002	0,010	0,080	FALSE
0,072	0,274	0,001	0,011	0,050	FALSE
0,195	0,275	0,009	0,014	0,306	FALSE
-0,075	0,284	-0,003	0,011	0,086	FALSE

-0,080	0,282	-0,003	0,011	0,088	FALSE
-0,047	0,271	-0,002	0,009	0,073	FALSE
0,143	0,295	0,006	0,014	0,172	FALSE
0,049	0,292	0,002	0,013	0,056	FALSE
-0,133	0,282	-0,004	0,011	0,137	FALSE
-0,052	0,297	-0,003	0,014	0,074	FALSE
-0,075	0,303	-0,004	0,015	0,101	FALSE
-0,094	0,297	-0,004	0,014	0,127	FALSE
-0,110	0,280	-0,005	0,014	0,154	FALSE
0,074	0,294	0,003	0,016	0,084	FALSE
0,074	0,280	0,003	0,009	0,142	FALSE
-0,055	0,277	-0,002	0,009	0,094	FALSE
0,015	0,286	0,002	0,009	0,073	FALSE
-0,002	0,290	0,000	0,010	0,010	FALSE
-0,027	0,296	0,000	0,010	0,013	FALSE
0,055	0,273	0,006	0,017	0,134	FALSE
-0,017	0,280	-0,001	0,009	0,043	FALSE
-0,171	0,277	-0,006	0,011	0,233	FALSE
-0,157	0,281	-0,005	0,011	0,191	FALSE
0,058	0,288	0,004	0,017	0,091	FALSE
0,226	0,250	0,012	0,017	0,315	FALSE
0,240	0,254	0,013	0,016	0,374	FALSE
0,195	0,266	0,005	0,009	0,268	FALSE
0,187	0,267	0,005	0,009	0,243	FALSE
-0,039	0,272	-0,001	0,011	0,031	FALSE
-0,015	0,290	0,001	0,013	0,034	FALSE
-0,084	0,286	-0,002	0,014	0,049	FALSE
-0,114	0,278	-0,004	0,014	0,100	FALSE
-0,015	0,294	0,001	0,011	0,026	FALSE
-0,237	0,287	-0,008	0,010	0,406	FALSE
0,186	0,274	0,006	0,010	0,243	FALSE
-0,190	0,291	-0,013	0,017	0,348	FALSE
-0,083	0,304	-0,006	0,017	0,131	FALSE
0,034	0,298	0,002	0,017	0,032	FALSE
-0,027	0,283	-0,001	0,009	0,042	FALSE
-0,052	0,283	-0,002	0,017	0,048	FALSE
0,024	0,285	-0,001	0,017	0,029	FALSE
-0,014	0,290	-0,001	0,017	0,023	FALSE
-0,020	0,291	-0,001	0,017	0,019	FALSE
-0,019	0,280	-0,001	0,012	0,037	FALSE
-0,082	0,283	-0,003	0,017	0,066	FALSE
-0,005	0,273	0,000	0,012	0,014	FALSE
-0,091	0,278	-0,002	0,009	0,075	FALSE
-0,115	0,274	-0,005	0,012	0,159	FALSE
-0,109	0,280	-0,004	0,012	0,136	FALSE
-0,104	0,290	-0,003	0,012	0,109	FALSE
-0,086	0,297	-0,003	0,013	0,096	FALSE
-0,093	0,280	-0,004	0,012	0,125	FALSE
-0,096	0,285	-0,004	0,012	0,117	FALSE
-0,086	0,273	-0,003	0,012	0,097	FALSE
-0,087	0,286	-0,003	0,012	0,111	FALSE
-0,143	0,281	-0,004	0,009	0,190	FALSE
-0,060	0,293	-0,004	0,014	0,109	FALSE

-0,140	0,277	-0,004	0,009	0,188	FALSE
-0,117	0,285	-0,004	0,009	0,157	FALSE
-0,088	0,288	-0,002	0,010	0,098	FALSE
-0,011	0,303	0,000	0,013	0,002	FALSE
-0,229	0,277	-0,012	0,017	0,328	FALSE
0,245	0,270	0,007	0,011	0,318	FALSE
-0,133	0,282	-0,007	0,014	0,200	FALSE
0,159	0,272	0,005	0,009	0,231	FALSE
0,059	0,278	0,002	0,012	0,079	FALSE
0,085	0,286	0,004	0,012	0,118	FALSE
-0,020	0,289	0,000	0,008	0,013	FALSE
0,134	0,292	0,006	0,014	0,182	FALSE
0,022	0,292	0,003	0,013	0,091	FALSE
0,050	0,275	0,002	0,012	0,076	FALSE
0,066	0,286	0,002	0,009	0,062	FALSE
-0,027	0,291	0,002	0,014	0,041	FALSE
-0,023	0,291	0,001	0,013	0,038	FALSE
0,013	0,282	0,000	0,009	0,009	FALSE
0,083	0,295	0,003	0,019	0,051	FALSE
-0,017	0,283	-0,001	0,009	0,044	FALSE
0,063	0,284	0,001	0,018	0,016	FALSE
-0,005	0,292	0,000	0,010	0,008	FALSE
0,216	0,285	0,013	0,017	0,355	FALSE
0,171	0,281	0,011	0,017	0,290	FALSE
0,169	0,273	0,011	0,017	0,296	FALSE
0,143	0,289	0,004	0,013	0,128	FALSE
0,177	0,279	0,005	0,011	0,173	FALSE
0,181	0,278	0,006	0,011	0,226	FALSE
0,035	0,277	0,003	0,013	0,077	FALSE
0,015	0,285	0,000	0,011	0,002	FALSE
0,050	0,284	0,002	0,016	0,053	FALSE
-0,134	0,280	-0,005	0,009	0,205	FALSE
0,074	0,295	0,005	0,017	0,107	FALSE
0,049	0,280	0,003	0,017	0,063	FALSE
0,061	0,294	0,003	0,017	0,060	FALSE
-0,165	0,290	-0,004	0,010	0,184	FALSE
-0,004	0,295	0,000	0,012	0,010	FALSE
0,030	0,284	0,001	0,014	0,033	FALSE
0,011	0,282	0,000	0,009	0,008	FALSE
0,096	0,290	0,005	0,015	0,133	FALSE
0,140	0,284	0,005	0,011	0,208	FALSE
-0,038	0,296	-0,002	0,009	0,080	FALSE
-0,007	0,269	-0,005	0,017	0,108	FALSE
-0,106	0,277	-0,002	0,009	0,075	FALSE
-0,118	0,285	-0,008	0,014	0,250	FALSE
-0,123	0,291	-0,008	0,015	0,211	FALSE
-0,046	0,276	-0,003	0,016	0,071	FALSE
0,101	0,265	0,003	0,009	0,129	FALSE
0,187	0,287	0,009	0,018	0,214	FALSE
-0,124	0,272	-0,006	0,017	0,129	FALSE
-0,108	0,276	-0,005	0,017	0,101	FALSE
-0,071	0,294	-0,005	0,016	0,118	FALSE
0,220	0,275	0,013	0,018	0,339	FALSE

-0,118	0,270	-0,009	0,016	0,227	FALSE
0,076	0,276	0,001	0,016	0,031	FALSE
-0,006	0,280	0,000	0,013	0,008	FALSE
-0,058	0,281	-0,003	0,015	0,063	FALSE
0,034	0,284	0,002	0,011	0,078	FALSE
0,049	0,279	0,002	0,014	0,061	FALSE
-0,025	0,258	-0,001	0,012	0,034	FALSE
-0,009	0,295	-0,001	0,015	0,012	FALSE
-0,048	0,274	-0,002	0,018	0,038	FALSE
-0,027	0,292	-0,001	0,009	0,022	FALSE
0,009	0,277	0,001	0,010	0,041	FALSE
0,067	0,276	0,003	0,009	0,111	FALSE
0,062	0,286	0,004	0,011	0,159	FALSE
0,101	0,273	0,002	0,009	0,065	FALSE
0,070	0,272	0,005	0,010	0,188	FALSE
0,072	0,273	0,005	0,011	0,181	FALSE
-0,038	0,291	-0,003	0,015	0,072	FALSE
0,019	0,275	-0,001	0,008	0,022	FALSE
0,145	0,282	0,005	0,009	0,217	FALSE
-0,229	0,273	-0,011	0,013	0,388	FALSE
-0,044	0,285	-0,002	0,017	0,036	FALSE
-0,010	0,272	-0,001	0,008	0,027	FALSE
-0,123	0,286	-0,003	0,009	0,137	FALSE
0,005	0,297	-0,001	0,018	0,014	FALSE
0,050	0,300	0,005	0,015	0,122	FALSE
0,033	0,277	0,002	0,016	0,045	FALSE
-0,047	0,280	-0,003	0,018	0,069	FALSE
0,001	0,283	0,002	0,016	0,034	FALSE
-0,106	0,283	-0,003	0,009	0,142	FALSE
-0,212	0,274	-0,011	0,017	0,286	FALSE
-0,035	0,296	-0,001	0,010	0,041	FALSE
-0,100	0,289	-0,003	0,009	0,112	FALSE
-0,069	0,290	-0,001	0,013	0,026	FALSE
-0,039	0,289	0,000	0,016	0,007	FALSE
0,107	0,291	0,005	0,013	0,158	FALSE
-0,087	0,292	-0,002	0,010	0,078	FALSE
0,012	0,285	0,001	0,015	0,014	FALSE
0,083	0,270	0,001	0,012	0,032	FALSE
-0,038	0,298	-0,001	0,010	0,040	FALSE
-0,129	0,276	-0,008	0,016	0,199	FALSE
-0,085	0,269	-0,002	0,010	0,071	FALSE
-0,123	0,291	-0,006	0,013	0,190	FALSE
0,103	0,267	0,004	0,015	0,107	FALSE
0,007	0,288	-0,002	0,011	0,052	FALSE
-0,004	0,289	-0,001	0,017	0,019	FALSE
-0,227	0,285	-0,010	0,016	0,269	FALSE
-0,091	0,316	-0,004	0,018	0,095	FALSE
-0,161	0,284	-0,009	0,015	0,280	FALSE
0,178	0,271	0,009	0,014	0,272	FALSE
-0,059	0,295	-0,001	0,009	0,020	FALSE
-0,008	0,298	-0,001	0,018	0,029	FALSE
-0,026	0,286	0,001	0,008	0,025	FALSE
-0,048	0,293	-0,003	0,011	0,092	FALSE

-0,065	0,298	-0,003	0,010	0,133	FALSE
-0,090	0,267	-0,005	0,016	0,137	FALSE
-0,028	0,294	-0,004	0,017	0,090	FALSE
-0,009	0,264	-0,001	0,015	0,023	FALSE
0,075	0,282	0,004	0,010	0,157	FALSE
0,027	0,282	0,000	0,011	0,003	FALSE
0,049	0,305	0,003	0,015	0,061	FALSE
0,097	0,285	0,007	0,015	0,181	FALSE
0,082	0,285	0,006	0,015	0,172	FALSE
-0,010	0,285	-0,002	0,017	0,052	FALSE
-0,159	0,286	-0,006	0,011	0,209	FALSE
0,120	0,274	0,008	0,017	0,196	FALSE
0,092	0,283	0,003	0,011	0,119	FALSE
0,076	0,282	0,003	0,011	0,097	FALSE
0,186	0,272	0,012	0,017	0,300	FALSE
-0,218	0,278	-0,007	0,012	0,247	FALSE
-0,030	0,278	-0,004	0,018	0,082	FALSE
0,146	0,273	0,004	0,010	0,164	FALSE
0,014	0,289	-0,001	0,009	0,053	FALSE
0,000	0,285	0,001	0,010	0,046	FALSE
-0,157	0,289	-0,006	0,015	0,179	FALSE
-0,004	0,277	0,000	0,012	0,014	FALSE
-0,071	0,276	-0,003	0,016	0,069	FALSE
-0,044	0,291	-0,002	0,015	0,041	FALSE
0,109	0,284	0,002	0,009	0,095	FALSE
-0,029	0,288	-0,001	0,009	0,033	FALSE
-0,041	0,288	-0,002	0,012	0,049	FALSE
-0,071	0,278	-0,003	0,011	0,108	FALSE
0,091	0,273	0,002	0,010	0,085	FALSE
-0,059	0,294	-0,004	0,015	0,095	FALSE
-0,030	0,295	-0,002	0,018	0,042	FALSE
-0,085	0,267	-0,005	0,013	0,146	FALSE
0,130	0,273	0,008	0,018	0,182	FALSE
0,129	0,270	0,005	0,014	0,136	FALSE
-0,026	0,283	-0,001	0,012	0,045	FALSE
0,165	0,280	0,007	0,017	0,170	FALSE
0,014	0,289	0,001	0,011	0,023	FALSE
0,175	0,289	0,007	0,018	0,170	FALSE
0,077	0,297	0,004	0,010	0,153	FALSE
0,106	0,301	0,005	0,017	0,107	FALSE
-0,117	0,283	-0,006	0,014	0,186	FALSE
-0,003	0,303	-0,001	0,017	0,017	FALSE
-0,062	0,283	-0,004	0,010	0,158	FALSE
0,238	0,270	0,011	0,012	0,452	FALSE
-0,047	0,291	-0,002	0,010	0,079	FALSE
-0,135	0,292	-0,003	0,009	0,166	FALSE
-0,015	0,284	0,000	0,011	0,005	FALSE
-0,089	0,282	-0,003	0,011	0,107	FALSE
0,020	0,281	0,001	0,009	0,053	FALSE
-0,050	0,298	0,000	0,012	0,011	FALSE
-0,046	0,307	0,000	0,009	0,011	FALSE
0,216	0,264	0,006	0,011	0,232	FALSE
0,058	0,278	0,002	0,014	0,067	FALSE

-0,010	0,289	0,000	0,013	0,007	FALSE
0,077	0,295	0,004	0,011	0,126	FALSE
-0,144	0,274	-0,007	0,017	0,178	FALSE
0,005	0,298	0,000	0,015	0,005	FALSE
-0,124	0,275	-0,006	0,014	0,159	FALSE
-0,179	0,269	-0,007	0,013	0,225	FALSE
-0,133	0,270	-0,006	0,014	0,161	FALSE
0,201	0,266	0,009	0,012	0,335	FALSE
0,108	0,279	0,006	0,017	0,136	FALSE
-0,188	0,293	-0,011	0,019	0,242	FALSE
0,299	0,256	0,014	0,013	0,537	FALSE
0,121	0,289	0,006	0,016	0,137	FALSE
-0,102	0,278	-0,003	0,009	0,128	FALSE
0,170	0,291	0,009	0,014	0,260	FALSE
0,208	0,271	0,011	0,015	0,344	FALSE
-0,076	0,277	-0,002	0,009	0,060	FALSE
-0,040	0,288	0,000	0,008	0,018	FALSE
-0,058	0,274	-0,002	0,012	0,051	FALSE
-0,150	0,275	-0,005	0,014	0,129	FALSE
-0,109	0,282	-0,003	0,011	0,128	FALSE
0,042	0,276	0,001	0,009	0,021	FALSE
-0,070	0,283	-0,003	0,011	0,109	FALSE
-0,044	0,287	-0,001	0,014	0,017	FALSE
0,104	0,264	0,003	0,013	0,088	FALSE
0,110	0,278	0,004	0,013	0,105	FALSE
0,108	0,280	0,002	0,011	0,078	FALSE
-0,080	0,286	-0,005	0,016	0,127	FALSE
-0,020	0,281	-0,001	0,016	0,023	FALSE
0,069	0,285	0,005	0,014	0,158	FALSE
-0,080	0,291	-0,001	0,009	0,053	FALSE
0,011	0,286	0,001	0,017	0,014	FALSE
0,022	0,280	0,001	0,017	0,024	FALSE
0,074	0,293	0,003	0,010	0,116	FALSE
0,142	0,268	0,005	0,010	0,194	FALSE
0,060	0,287	0,002	0,009	0,067	FALSE
-0,017	0,289	0,000	0,009	0,011	FALSE
0,042	0,285	0,005	0,017	0,106	FALSE
0,094	0,279	0,004	0,011	0,147	FALSE
-0,069	0,293	-0,004	0,014	0,095	FALSE
0,044	0,285	0,004	0,016	0,082	FALSE
-0,227	0,275	-0,007	0,009	0,364	FALSE
-0,046	0,287	0,000	0,009	0,008	FALSE
-0,006	0,292	-0,001	0,018	0,024	FALSE
0,097	0,296	0,003	0,010	0,108	FALSE
-0,007	0,269	0,000	0,009	0,005	FALSE
-0,008	0,292	0,001	0,014	0,029	FALSE
0,046	0,298	0,003	0,014	0,078	FALSE
0,067	0,297	0,004	0,013	0,121	FALSE
0,084	0,294	0,005	0,013	0,141	FALSE
-0,025	0,289	-0,005	0,017	0,107	FALSE
0,034	0,267	0,001	0,013	0,041	FALSE
0,093	0,281	0,003	0,014	0,065	FALSE
-0,074	0,279	-0,006	0,017	0,150	FALSE

0,097	0,273	0,004	0,013	0,121	FALSE
0,070	0,271	0,001	0,015	0,020	FALSE
-0,141	0,280	-0,003	0,009	0,147	FALSE
0,035	0,296	0,004	0,015	0,109	FALSE
-0,197	0,286	-0,007	0,012	0,227	FALSE
0,235	0,281	0,006	0,008	0,322	FALSE
0,069	0,275	0,002	0,014	0,062	FALSE
-0,126	0,269	-0,006	0,011	0,217	FALSE
-0,129	0,262	-0,007	0,011	0,261	FALSE
-0,072	0,264	-0,004	0,011	0,148	FALSE
0,104	0,298	0,004	0,010	0,155	FALSE
0,261	0,269	0,012	0,014	0,397	FALSE
-0,202	0,272	-0,014	0,017	0,382	FALSE
0,226	0,261	0,006	0,009	0,264	FALSE
0,126	0,281	0,005	0,012	0,177	FALSE
0,101	0,278	0,010	0,017	0,237	FALSE
0,062	0,293	0,003	0,017	0,069	FALSE
-0,021	0,289	-0,001	0,015	0,023	FALSE
0,068	0,284	0,002	0,011	0,070	FALSE
-0,102	0,283	-0,004	0,011	0,141	FALSE
-0,305	0,254	-0,018	0,018	0,511	FALSE
0,037	0,295	0,003	0,013	0,081	FALSE
-0,067	0,289	-0,002	0,012	0,069	FALSE
0,248	0,272	0,014	0,018	0,366	FALSE
0,218	0,264	0,005	0,010	0,217	FALSE
-0,251	0,275	-0,006	0,009	0,342	FALSE
-0,080	0,283	-0,006	0,016	0,152	FALSE
0,170	0,274	0,004	0,010	0,176	FALSE
0,060	0,274	0,002	0,010	0,066	FALSE
-0,064	0,267	-0,002	0,014	0,047	FALSE
-0,003	0,283	0,002	0,011	0,055	FALSE
0,041	0,289	0,001	0,011	0,041	FALSE
0,087	0,272	0,003	0,011	0,111	FALSE
0,138	0,291	0,005	0,009	0,245	FALSE
-0,248	0,279	-0,014	0,015	0,477	FALSE
-0,285	0,273	-0,017	0,015	0,590	FALSE
-0,277	0,281	-0,018	0,017	0,528	FALSE
0,112	0,283	0,004	0,009	0,197	FALSE
0,106	0,283	0,003	0,010	0,122	FALSE
0,013	0,291	0,001	0,015	0,016	FALSE
0,054	0,293	0,004	0,012	0,115	FALSE
-0,104	0,295	-0,004	0,015	0,088	FALSE
-0,250	0,280	-0,009	0,012	0,357	FALSE
-0,058	0,288	-0,004	0,015	0,100	FALSE
0,073	0,285	0,003	0,012	0,081	FALSE
-0,099	0,295	-0,008	0,018	0,174	FALSE
0,175	0,295	0,010	0,016	0,280	FALSE
-0,097	0,285	-0,003	0,012	0,107	FALSE
0,195	0,277	0,009	0,014	0,281	FALSE
-0,255	0,272	-0,009	0,010	0,402	FALSE
0,063	0,273	0,002	0,010	0,086	FALSE
-0,093	0,287	-0,004	0,013	0,122	FALSE
0,041	0,284	0,002	0,016	0,055	FALSE

0,029	0,265	0,002	0,017	0,043	FALSE
-0,001	0,276	0,000	0,018	0,004	FALSE
0,183	0,271	0,005	0,009	0,209	FALSE
0,187	0,267	0,006	0,009	0,266	FALSE
-0,012	0,290	0,001	0,009	0,057	FALSE
-0,126	0,290	-0,003	0,011	0,116	FALSE
0,129	0,268	0,006	0,016	0,147	FALSE
0,118	0,281	0,005	0,017	0,122	FALSE
-0,024	0,266	-0,002	0,008	0,109	FALSE
-0,119	0,276	-0,006	0,017	0,149	FALSE
0,085	0,269	0,005	0,016	0,119	FALSE
0,150	0,287	0,004	0,011	0,127	FALSE
0,011	0,286	0,001	0,016	0,016	FALSE
-0,042	0,304	-0,002	0,015	0,047	FALSE
-0,083	0,291	-0,003	0,010	0,101	FALSE
-0,030	0,301	0,000	0,010	0,014	FALSE
-0,055	0,292	-0,002	0,017	0,047	FALSE
-0,007	0,293	0,000	0,009	0,006	FALSE
0,041	0,289	0,002	0,018	0,049	FALSE
0,040	0,282	0,001	0,010	0,027	FALSE
0,152	0,280	0,006	0,013	0,187	FALSE
0,126	0,280	0,004	0,009	0,153	FALSE
0,148	0,287	0,005	0,013	0,152	FALSE
-0,270	0,270	-0,011	0,012	0,416	FALSE
0,045	0,282	0,003	0,013	0,099	FALSE
-0,172	0,279	-0,010	0,017	0,273	FALSE
0,047	0,269	0,002	0,011	0,049	FALSE
-0,026	0,285	-0,002	0,010	0,082	FALSE
0,125	0,276	0,006	0,016	0,165	FALSE
-0,171	0,285	-0,009	0,015	0,251	FALSE
-0,138	0,287	-0,006	0,016	0,148	FALSE
-0,001	0,278	0,000	0,010	0,004	FALSE
-0,089	0,276	-0,003	0,012	0,080	FALSE
0,136	0,291	0,004	0,009	0,158	FALSE
-0,234	0,278	-0,012	0,016	0,352	FALSE
-0,020	0,290	0,000	0,009	0,006	FALSE
0,063	0,286	0,004	0,017	0,100	FALSE
-0,084	0,293	-0,004	0,017	0,089	FALSE
0,012	0,278	0,001	0,008	0,057	FALSE
0,007	0,273	0,000	0,012	0,008	FALSE
-0,073	0,293	-0,002	0,011	0,068	FALSE
0,157	0,269	0,005	0,010	0,209	FALSE
0,004	0,293	0,001	0,009	0,035	FALSE
0,061	0,280	0,006	0,015	0,149	FALSE
0,060	0,286	0,006	0,015	0,147	FALSE
0,063	0,266	0,006	0,015	0,162	FALSE
-0,047	0,298	-0,002	0,011	0,071	FALSE
-0,001	0,277	0,002	0,017	0,047	FALSE
0,060	0,292	0,001	0,009	0,053	FALSE
-0,099	0,281	-0,003	0,012	0,087	FALSE
-0,111	0,282	-0,003	0,012	0,087	FALSE
0,148	0,278	0,006	0,015	0,178	FALSE
0,135	0,269	0,002	0,008	0,099	FALSE

-0,156	0,279	-0,010	0,017	0,250	FALSE
0,041	0,277	0,002	0,009	0,100	FALSE
0,228	0,273	0,009	0,014	0,288	FALSE
0,187	0,275	0,007	0,012	0,275	FALSE
-0,099	0,295	-0,006	0,014	0,155	FALSE
-0,078	0,292	-0,002	0,009	0,071	FALSE
0,001	0,293	0,000	0,011	0,002	FALSE
-0,048	0,302	-0,001	0,009	0,036	FALSE
0,134	0,283	0,004	0,011	0,150	FALSE
0,044	0,277	0,004	0,016	0,096	FALSE
0,218	0,290	0,007	0,010	0,291	FALSE
-0,034	0,293	-0,001	0,009	0,049	FALSE
0,106	0,280	0,003	0,009	0,113	FALSE
0,086	0,281	0,002	0,009	0,075	FALSE
-0,099	0,284	-0,005	0,017	0,126	FALSE
-0,039	0,276	-0,003	0,017	0,070	FALSE
0,027	0,283	0,002	0,016	0,050	FALSE
-0,147	0,287	-0,006	0,016	0,137	FALSE
0,002	0,295	0,001	0,011	0,030	FALSE
-0,044	0,292	-0,002	0,016	0,057	FALSE
-0,011	0,293	0,000	0,016	0,005	FALSE
-0,043	0,299	-0,003	0,018	0,073	FALSE
-0,028	0,282	-0,001	0,016	0,025	FALSE
-0,050	0,293	-0,003	0,016	0,062	FALSE
-0,128	0,292	-0,006	0,016	0,141	FALSE
0,081	0,287	0,003	0,009	0,117	FALSE
0,147	0,273	0,006	0,015	0,167	FALSE
0,260	0,263	0,015	0,017	0,442	FALSE
-0,139	0,303	-0,005	0,012	0,178	FALSE
-0,167	0,285	-0,006	0,011	0,235	FALSE
-0,157	0,280	-0,006	0,012	0,228	FALSE
0,168	0,272	0,005	0,011	0,186	FALSE
0,020	0,287	0,002	0,009	0,072	FALSE
-0,014	0,289	0,000	0,009	0,011	FALSE
0,072	0,289	0,003	0,016	0,063	FALSE
-0,147	0,291	-0,006	0,016	0,160	FALSE
0,050	0,301	0,002	0,018	0,035	FALSE
-0,155	0,283	-0,008	0,016	0,201	FALSE
-0,153	0,276	-0,009	0,017	0,228	FALSE
-0,061	0,284	-0,002	0,009	0,094	FALSE
0,059	0,278	0,001	0,008	0,062	FALSE
-0,056	0,271	-0,002	0,013	0,043	FALSE
0,027	0,271	-0,001	0,014	0,034	FALSE
-0,118	0,274	-0,003	0,009	0,135	FALSE
-0,072	0,284	-0,002	0,010	0,079	FALSE
-0,031	0,289	0,001	0,018	0,016	FALSE
-0,036	0,274	-0,002	0,011	0,062	FALSE
0,006	0,296	0,003	0,018	0,066	FALSE
-0,063	0,276	0,000	0,016	0,008	FALSE
-0,135	0,285	-0,005	0,011	0,182	FALSE
0,035	0,289	0,003	0,013	0,070	FALSE
0,175	0,265	0,007	0,013	0,238	FALSE
-0,141	0,285	-0,006	0,012	0,195	FALSE

0,011	0,284	0,003	0,014	0,085	FALSE
-0,036	0,284	0,000	0,009	0,007	FALSE
-0,134	0,273	-0,007	0,015	0,179	FALSE
-0,060	0,274	-0,001	0,009	0,034	FALSE
-0,076	0,279	-0,003	0,008	0,149	FALSE
0,060	0,273	0,001	0,010	0,052	FALSE
-0,123	0,287	-0,003	0,011	0,092	FALSE
0,115	0,285	0,005	0,015	0,134	FALSE
0,125	0,277	0,005	0,013	0,138	FALSE
0,035	0,278	0,002	0,011	0,053	FALSE
0,121	0,284	0,005	0,014	0,133	FALSE
0,012	0,283	0,001	0,010	0,018	FALSE
0,044	0,286	0,001	0,015	0,019	FALSE
-0,056	0,280	-0,002	0,009	0,101	FALSE
-0,033	0,262	-0,004	0,013	0,112	FALSE
-0,058	0,277	-0,003	0,009	0,125	FALSE
0,156	0,284	0,011	0,017	0,283	FALSE
-0,031	0,285	-0,001	0,010	0,024	FALSE
-0,181	0,267	-0,006	0,010	0,239	FALSE
-0,134	0,275	-0,004	0,009	0,173	FALSE
-0,112	0,294	-0,004	0,011	0,145	FALSE
0,004	0,287	0,003	0,015	0,070	FALSE
-0,008	0,282	0,002	0,015	0,058	FALSE
-0,017	0,282	0,002	0,016	0,046	FALSE
-0,011	0,285	0,002	0,016	0,048	FALSE
-0,058	0,272	-0,001	0,011	0,017	FALSE
0,027	0,276	0,004	0,017	0,092	FALSE
-0,111	0,288	-0,006	0,012	0,200	FALSE
-0,111	0,280	-0,004	0,010	0,140	FALSE
0,134	0,276	0,005	0,017	0,106	FALSE
0,337	0,260	0,012	0,012	0,521	FALSE
0,089	0,286	0,002	0,009	0,091	FALSE
0,032	0,279	0,000	0,011	0,014	FALSE
-0,007	0,282	0,001	0,016	0,029	FALSE
-0,103	0,280	-0,001	0,012	0,037	FALSE
0,026	0,282	0,001	0,009	0,052	FALSE
-0,214	0,287	-0,014	0,017	0,393	FALSE
-0,038	0,287	0,000	0,013	0,005	FALSE
0,158	0,273	0,009	0,016	0,232	FALSE
0,086	0,266	0,003	0,009	0,127	FALSE
-0,005	0,279	-0,002	0,018	0,048	FALSE
0,010	0,270	0,000	0,017	0,008	FALSE
-0,084	0,286	-0,001	0,010	0,029	FALSE
0,057	0,292	0,002	0,016	0,051	FALSE
0,161	0,282	0,004	0,010	0,152	FALSE
0,020	0,276	0,002	0,011	0,052	FALSE
-0,028	0,286	-0,002	0,008	0,079	FALSE
0,017	0,296	0,001	0,017	0,014	FALSE
0,105	0,281	0,005	0,011	0,166	FALSE
0,001	0,284	0,000	0,010	0,000	FALSE
0,118	0,284	0,006	0,017	0,139	FALSE
-0,096	0,294	-0,003	0,013	0,072	FALSE
0,041	0,287	-0,001	0,013	0,024	FALSE

0,061	0,287	0,003	0,013	0,100	FALSE
-0,015	0,293	-0,001	0,017	0,030	FALSE
-0,026	0,286	0,000	0,016	0,004	FALSE
-0,065	0,272	-0,003	0,013	0,096	FALSE
0,206	0,271	0,009	0,014	0,288	FALSE
0,036	0,274	-0,001	0,009	0,029	FALSE
-0,077	0,270	-0,008	0,017	0,187	FALSE
0,075	0,291	0,003	0,016	0,082	FALSE
0,010	0,281	0,001	0,010	0,026	FALSE
0,058	0,271	0,002	0,016	0,039	FALSE
0,036	0,287	-0,001	0,017	0,016	FALSE
0,089	0,299	0,003	0,016	0,080	FALSE
0,011	0,278	0,001	0,010	0,054	FALSE
0,222	0,276	0,006	0,009	0,301	FALSE
0,131	0,280	0,005	0,010	0,188	FALSE
0,051	0,283	0,003	0,014	0,075	FALSE
0,098	0,282	0,001	0,010	0,048	FALSE
0,096	0,267	0,001	0,009	0,046	FALSE
-0,162	0,269	-0,010	0,014	0,302	FALSE
0,017	0,279	0,001	0,017	0,027	FALSE
-0,177	0,285	-0,011	0,016	0,311	FALSE
-0,072	0,296	-0,002	0,011	0,056	FALSE
0,261	0,281	0,008	0,010	0,374	FALSE
-0,123	0,292	-0,003	0,010	0,118	FALSE
-0,116	0,290	-0,003	0,011	0,111	FALSE
-0,116	0,289	-0,003	0,011	0,111	FALSE
-0,110	0,279	-0,003	0,010	0,099	FALSE
-0,108	0,279	-0,006	0,018	0,132	FALSE
0,214	0,270	0,011	0,016	0,292	FALSE
-0,077	0,275	-0,003	0,012	0,099	FALSE
0,186	0,268	0,007	0,010	0,285	FALSE
-0,059	0,265	-0,001	0,010	0,035	FALSE
0,080	0,283	0,001	0,016	0,014	FALSE
-0,208	0,278	-0,008	0,015	0,237	FALSE
-0,168	0,277	-0,008	0,016	0,210	FALSE
0,110	0,281	0,005	0,014	0,137	FALSE
0,171	0,271	0,007	0,014	0,195	FALSE
-0,004	0,282	0,002	0,012	0,062	FALSE
0,128	0,276	0,004	0,010	0,175	FALSE
0,116	0,278	0,005	0,011	0,175	FALSE
0,119	0,292	0,003	0,010	0,115	FALSE
-0,033	0,291	-0,001	0,010	0,038	FALSE
-0,074	0,282	-0,002	0,010	0,063	FALSE
-0,092	0,284	-0,002	0,010	0,072	FALSE
0,025	0,285	0,000	0,009	0,005	FALSE
-0,042	0,270	-0,004	0,012	0,114	FALSE
0,108	0,291	0,002	0,010	0,091	FALSE
0,058	0,269	0,003	0,016	0,076	FALSE
-0,045	0,284	0,000	0,013	0,001	FALSE
-0,052	0,273	-0,002	0,011	0,058	FALSE
0,078	0,295	0,005	0,016	0,135	FALSE
-0,079	0,294	-0,003	0,011	0,114	FALSE
0,134	0,285	0,003	0,012	0,117	FALSE

0,040	0,281	0,001	0,013	0,037	FALSE
0,070	0,277	0,003	0,012	0,081	FALSE
-0,106	0,288	-0,004	0,009	0,181	FALSE
-0,013	0,274	0,001	0,010	0,044	FALSE
0,132	0,293	0,003	0,010	0,095	FALSE
0,173	0,281	0,005	0,012	0,170	FALSE
-0,166	0,296	-0,005	0,011	0,196	FALSE
-0,042	0,279	-0,001	0,010	0,046	FALSE
0,030	0,290	0,001	0,017	0,021	FALSE
-0,036	0,277	-0,003	0,009	0,118	FALSE
0,047	0,293	0,002	0,017	0,045	FALSE
-0,085	0,290	-0,003	0,010	0,109	FALSE
-0,126	0,277	-0,003	0,012	0,088	FALSE
-0,035	0,286	-0,003	0,014	0,084	FALSE
-0,006	0,272	0,001	0,008	0,065	FALSE
0,081	0,303	0,004	0,018	0,085	FALSE
0,069	0,280	0,004	0,011	0,126	FALSE
0,200	0,289	0,007	0,010	0,315	FALSE
-0,076	0,283	-0,004	0,017	0,095	FALSE
-0,087	0,294	-0,002	0,011	0,060	FALSE
-0,015	0,288	0,001	0,011	0,020	FALSE
0,033	0,291	0,002	0,013	0,052	FALSE
-0,019	0,289	-0,001	0,011	0,033	FALSE
0,105	0,277	0,007	0,014	0,202	FALSE
-0,025	0,296	0,000	0,016	0,002	FALSE
-0,036	0,283	-0,002	0,011	0,063	FALSE
-0,071	0,275	-0,003	0,011	0,094	FALSE
0,043	0,288	0,000	0,011	0,015	FALSE
-0,010	0,295	0,001	0,009	0,050	FALSE
-0,139	0,297	-0,004	0,009	0,174	FALSE
0,081	0,307	0,001	0,013	0,040	FALSE
0,199	0,272	0,009	0,016	0,248	FALSE
-0,045	0,268	-0,002	0,012	0,058	FALSE
0,172	0,288	0,008	0,018	0,184	FALSE
-0,087	0,289	-0,001	0,009	0,060	FALSE
0,090	0,274	0,002	0,016	0,054	FALSE
0,026	0,273	0,001	0,012	0,041	FALSE
0,022	0,269	0,001	0,011	0,029	FALSE
0,063	0,285	0,002	0,009	0,094	FALSE
0,215	0,269	0,007	0,013	0,228	FALSE
0,220	0,265	0,008	0,013	0,286	FALSE
-0,019	0,288	-0,001	0,017	0,028	FALSE
0,103	0,290	0,003	0,009	0,146	FALSE
0,105	0,271	0,003	0,011	0,094	FALSE
-0,165	0,278	-0,007	0,014	0,206	FALSE
-0,010	0,289	0,000	0,017	0,008	FALSE
0,058	0,284	0,002	0,017	0,043	FALSE
-0,094	0,286	-0,003	0,009	0,114	FALSE
-0,084	0,279	-0,003	0,009	0,157	FALSE
0,018	0,281	0,002	0,015	0,051	FALSE
0,079	0,300	0,003	0,011	0,090	FALSE
0,001	0,287	0,000	0,016	0,008	FALSE
0,145	0,268	0,006	0,017	0,148	FALSE

0,019	0,274	-0,001	0,010	0,038	FALSE
-0,052	0,285	-0,002	0,014	0,047	FALSE
0,045	0,291	0,001	0,009	0,026	FALSE
0,004	0,293	-0,001	0,010	0,023	FALSE
-0,015	0,288	-0,002	0,015	0,041	FALSE
-0,061	0,293	-0,003	0,012	0,089	FALSE
-0,012	0,291	0,001	0,011	0,019	FALSE
0,127	0,292	0,004	0,012	0,137	FALSE
0,157	0,281	0,011	0,017	0,278	FALSE
-0,119	0,287	-0,005	0,017	0,123	FALSE
0,149	0,271	0,009	0,017	0,211	FALSE
-0,055	0,286	-0,002	0,009	0,077	FALSE
0,025	0,289	0,002	0,011	0,058	FALSE
-0,098	0,274	-0,004	0,016	0,098	FALSE
-0,166	0,288	-0,004	0,009	0,190	FALSE
-0,109	0,268	-0,004	0,014	0,117	FALSE
0,027	0,273	-0,001	0,017	0,015	FALSE
0,174	0,281	0,005	0,009	0,215	FALSE
0,106	0,291	0,006	0,013	0,181	FALSE
0,130	0,289	0,010	0,018	0,225	FALSE
0,187	0,279	0,012	0,017	0,321	FALSE
-0,193	0,286	-0,011	0,015	0,329	FALSE
-0,055	0,280	-0,002	0,016	0,036	FALSE
-0,104	0,280	-0,004	0,011	0,146	FALSE
0,057	0,279	0,001	0,011	0,022	FALSE
-0,102	0,289	-0,001	0,010	0,029	FALSE
0,088	0,284	0,003	0,012	0,091	FALSE
-0,018	0,282	-0,001	0,013	0,025	FALSE
-0,142	0,282	-0,006	0,010	0,254	FALSE
0,055	0,287	0,001	0,014	0,017	FALSE
-0,028	0,296	-0,002	0,012	0,044	FALSE
0,021	0,292	0,000	0,011	0,012	FALSE
-0,006	0,247	0,000	0,017	0,009	FALSE
0,185	0,270	0,013	0,017	0,377	FALSE
-0,070	0,304	-0,003	0,016	0,061	FALSE
0,041	0,289	0,000	0,017	0,008	FALSE
0,080	0,271	0,003	0,009	0,152	FALSE
-0,117	0,273	-0,005	0,016	0,123	FALSE
0,114	0,283	0,006	0,015	0,170	FALSE
0,130	0,273	0,010	0,017	0,235	FALSE
0,115	0,288	0,005	0,011	0,191	FALSE
-0,033	0,282	-0,002	0,009	0,078	FALSE
0,064	0,291	0,004	0,017	0,096	FALSE
0,094	0,289	0,004	0,011	0,157	FALSE
0,005	0,285	-0,001	0,013	0,017	FALSE
0,054	0,276	0,001	0,014	0,014	FALSE
-0,069	0,290	-0,003	0,011	0,087	FALSE
0,042	0,279	0,002	0,013	0,072	FALSE
-0,070	0,277	-0,002	0,009	0,097	FALSE
-0,095	0,283	-0,007	0,016	0,182	FALSE
-0,012	0,278	-0,002	0,011	0,063	FALSE
-0,021	0,277	-0,001	0,012	0,018	FALSE
0,079	0,276	0,003	0,009	0,120	FALSE

-0,087	0,280	-0,004	0,017	0,096	FALSE
-0,109	0,290	-0,006	0,014	0,164	FALSE
-0,014	0,290	-0,001	0,016	0,032	FALSE
0,005	0,279	-0,001	0,015	0,013	FALSE
0,139	0,292	0,005	0,018	0,098	FALSE
-0,028	0,272	-0,003	0,013	0,085	FALSE
-0,055	0,270	-0,004	0,015	0,111	FALSE
-0,038	0,284	-0,001	0,009	0,037	FALSE
-0,067	0,286	-0,003	0,009	0,131	FALSE
-0,049	0,279	-0,002	0,009	0,092	FALSE
-0,044	0,281	0,000	0,011	0,000	FALSE
-0,114	0,284	-0,004	0,014	0,118	FALSE
0,058	0,293	0,002	0,015	0,055	FALSE
-0,091	0,286	-0,004	0,010	0,179	FALSE
-0,086	0,281	-0,006	0,013	0,187	FALSE
-0,055	0,299	-0,001	0,013	0,032	FALSE
-0,101	0,285	-0,003	0,008	0,121	FALSE
0,238	0,259	0,008	0,009	0,415	FALSE
0,224	0,279	0,010	0,014	0,311	FALSE
-0,018	0,281	-0,002	0,014	0,044	FALSE
-0,119	0,285	-0,005	0,012	0,179	FALSE
-0,028	0,280	-0,001	0,010	0,046	FALSE
-0,029	0,301	-0,002	0,013	0,062	FALSE
0,081	0,268	0,002	0,008	0,079	FALSE
-0,097	0,272	-0,003	0,010	0,139	FALSE
-0,161	0,287	-0,010	0,018	0,244	FALSE
0,003	0,293	0,000	0,012	0,001	FALSE
-0,157	0,290	-0,006	0,010	0,264	FALSE
-0,053	0,296	-0,002	0,015	0,046	FALSE
0,046	0,283	0,001	0,009	0,052	FALSE
-0,096	0,281	-0,004	0,017	0,094	FALSE
0,124	0,284	0,002	0,009	0,090	FALSE
0,148	0,283	0,008	0,016	0,203	FALSE
-0,023	0,301	0,000	0,009	0,009	FALSE
0,120	0,275	0,005	0,011	0,194	FALSE
0,046	0,276	0,002	0,013	0,070	FALSE
0,114	0,277	0,005	0,017	0,116	FALSE
-0,106	0,292	-0,002	0,009	0,084	FALSE
-0,189	0,283	-0,008	0,014	0,267	FALSE
-0,231	0,261	-0,016	0,017	0,473	FALSE
-0,165	0,283	-0,008	0,015	0,234	FALSE
-0,166	0,270	-0,009	0,016	0,222	FALSE
0,031	0,283	-0,001	0,011	0,023	FALSE
0,068	0,292	0,003	0,009	0,147	FALSE
0,056	0,283	0,002	0,017	0,036	FALSE
-0,068	0,274	-0,006	0,014	0,184	FALSE
0,020	0,285	0,000	0,012	0,007	FALSE
0,120	0,276	0,004	0,009	0,169	FALSE
-0,025	0,291	0,000	0,009	0,003	FALSE
0,075	0,275	0,001	0,009	0,040	FALSE
-0,004	0,295	0,000	0,012	0,013	FALSE
-0,030	0,288	-0,001	0,010	0,036	FALSE
-0,043	0,297	-0,001	0,010	0,022	FALSE

-0,004	0,262	0,002	0,017	0,052	FALSE
0,063	0,289	0,003	0,012	0,084	FALSE
-0,145	0,279	-0,004	0,010	0,189	FALSE
-0,232	0,268	-0,009	0,015	0,262	FALSE
-0,075	0,290	-0,002	0,010	0,078	FALSE
-0,051	0,287	-0,003	0,017	0,060	FALSE
-0,141	0,287	-0,009	0,017	0,227	FALSE
-0,002	0,275	0,000	0,010	0,017	FALSE
-0,044	0,285	-0,003	0,014	0,086	FALSE
-0,024	0,280	-0,002	0,012	0,079	FALSE
-0,093	0,285	-0,005	0,014	0,163	FALSE
-0,119	0,276	-0,003	0,010	0,111	FALSE
-0,078	0,292	-0,004	0,010	0,144	FALSE
-0,062	0,296	-0,003	0,010	0,114	FALSE
-0,097	0,288	-0,003	0,012	0,083	FALSE
-0,092	0,294	-0,003	0,013	0,095	FALSE
0,077	0,277	0,002	0,017	0,049	FALSE
0,066	0,291	0,004	0,015	0,107	FALSE
0,083	0,269	0,005	0,014	0,131	FALSE
-0,085	0,281	-0,003	0,016	0,071	FALSE
0,005	0,279	0,000	0,010	0,008	FALSE
-0,022	0,278	-0,001	0,014	0,021	FALSE
0,032	0,282	0,004	0,016	0,089	FALSE
-0,051	0,273	-0,005	0,015	0,136	FALSE
-0,208	0,273	-0,011	0,013	0,369	FALSE
-0,078	0,286	-0,004	0,011	0,127	FALSE
-0,062	0,279	0,000	0,012	0,006	FALSE
0,036	0,291	0,003	0,017	0,058	FALSE
0,100	0,287	0,004	0,010	0,173	FALSE
-0,036	0,278	-0,003	0,013	0,082	FALSE
0,000	0,298	0,000	0,016	0,009	FALSE
0,037	0,293	0,003	0,017	0,072	FALSE
0,058	0,299	0,005	0,018	0,099	FALSE
0,083	0,280	0,002	0,012	0,079	FALSE
0,059	0,279	0,002	0,009	0,100	FALSE
-0,215	0,263	-0,013	0,014	0,429	FALSE
0,211	0,271	0,010	0,013	0,358	FALSE
-0,186	0,269	-0,005	0,009	0,236	FALSE
0,153	0,293	0,009	0,017	0,220	FALSE
-0,023	0,280	-0,001	0,017	0,030	FALSE
0,257	0,273	0,008	0,009	0,427	FALSE
0,095	0,284	0,006	0,016	0,141	FALSE
-0,036	0,288	-0,003	0,017	0,068	FALSE
-0,202	0,278	-0,007	0,011	0,272	FALSE
0,173	0,273	0,006	0,009	0,309	FALSE
0,116	0,287	0,005	0,011	0,196	FALSE
-0,031	0,272	0,000	0,016	0,007	FALSE
0,130	0,285	0,008	0,016	0,208	FALSE
-0,069	0,289	-0,006	0,017	0,142	FALSE
0,003	0,280	0,000	0,012	0,001	FALSE
-0,125	0,287	-0,010	0,018	0,254	FALSE
-0,167	0,275	-0,006	0,010	0,263	FALSE
0,082	0,273	0,003	0,010	0,137	FALSE

-0,119	0,287	-0,002	0,009	0,087	FALSE
-0,027	0,281	0,000	0,014	0,000	FALSE
0,040	0,306	0,003	0,013	0,093	FALSE
0,119	0,287	0,006	0,013	0,189	FALSE
0,108	0,280	0,005	0,013	0,163	FALSE
0,012	0,289	-0,002	0,010	0,059	FALSE
-0,009	0,286	0,000	0,009	0,001	FALSE
-0,024	0,297	-0,001	0,009	0,025	FALSE
0,018	0,287	0,000	0,009	0,014	FALSE
-0,065	0,268	-0,003	0,009	0,124	FALSE
0,078	0,280	0,003	0,010	0,124	FALSE
0,080	0,275	0,002	0,014	0,050	FALSE
0,077	0,262	0,001	0,009	0,057	FALSE
-0,022	0,280	-0,002	0,012	0,048	FALSE
-0,006	0,295	-0,002	0,012	0,046	FALSE
0,000	0,294	-0,001	0,011	0,029	FALSE
-0,024	0,290	-0,002	0,012	0,057	FALSE
0,052	0,299	0,002	0,009	0,092	FALSE
0,025	0,282	0,001	0,009	0,027	FALSE
0,032	0,295	0,001	0,014	0,027	FALSE
-0,014	0,294	0,000	0,011	0,008	FALSE
0,061	0,283	0,002	0,009	0,075	FALSE
-0,192	0,276	-0,008	0,015	0,240	FALSE
-0,201	0,272	-0,009	0,016	0,234	FALSE
0,095	0,289	0,003	0,010	0,113	FALSE
0,021	0,290	0,003	0,016	0,085	FALSE
0,133	0,276	0,004	0,013	0,135	FALSE
0,052	0,274	0,000	0,017	0,006	FALSE
-0,116	0,286	-0,007	0,011	0,251	FALSE
0,012	0,273	0,000	0,013	0,009	FALSE
-0,010	0,282	-0,001	0,017	0,027	FALSE
-0,233	0,265	-0,008	0,012	0,314	FALSE
0,016	0,281	0,000	0,012	0,003	FALSE
-0,101	0,288	-0,005	0,015	0,120	FALSE
-0,054	0,288	-0,001	0,017	0,024	FALSE
-0,079	0,281	-0,006	0,017	0,152	FALSE
-0,093	0,282	-0,004	0,014	0,120	FALSE
0,162	0,272	0,004	0,010	0,170	FALSE
-0,127	0,281	-0,009	0,018	0,213	FALSE
0,009	0,282	0,002	0,017	0,037	FALSE
-0,085	0,278	-0,007	0,017	0,161	FALSE
0,048	0,267	0,002	0,017	0,042	FALSE
0,124	0,280	0,003	0,009	0,164	FALSE
-0,081	0,292	-0,003	0,011	0,108	FALSE
-0,074	0,291	-0,004	0,017	0,088	FALSE
-0,090	0,286	-0,002	0,009	0,089	FALSE
0,097	0,286	0,004	0,016	0,097	FALSE
0,046	0,288	0,003	0,011	0,091	FALSE
0,005	0,300	-0,001	0,016	0,016	FALSE
0,058	0,279	0,002	0,016	0,038	FALSE
0,092	0,279	0,005	0,013	0,147	FALSE
-0,155	0,285	-0,004	0,010	0,177	FALSE
-0,062	0,277	-0,002	0,013	0,053	FALSE

0,007	0,290	-0,001	0,011	0,033	FALSE
0,055	0,284	0,004	0,016	0,083	FALSE
0,132	0,292	0,007	0,018	0,156	FALSE
-0,050	0,283	-0,003	0,012	0,105	FALSE
0,067	0,275	0,003	0,011	0,118	FALSE
-0,064	0,283	-0,004	0,011	0,148	FALSE
0,244	0,270	0,009	0,012	0,358	FALSE
-0,221	0,282	-0,008	0,013	0,265	FALSE
0,006	0,278	-0,001	0,010	0,028	FALSE
0,125	0,283	0,007	0,012	0,245	FALSE
0,029	0,277	0,001	0,009	0,047	FALSE
-0,090	0,295	-0,006	0,015	0,158	FALSE
0,089	0,282	0,003	0,010	0,136	FALSE
-0,088	0,282	-0,007	0,016	0,171	FALSE
-0,014	0,285	-0,003	0,015	0,060	FALSE
0,153	0,284	0,005	0,010	0,230	FALSE
0,036	0,276	0,002	0,011	0,074	FALSE
-0,037	0,291	-0,003	0,012	0,085	FALSE
0,027	0,271	0,004	0,017	0,093	FALSE
-0,016	0,276	0,000	0,017	0,009	FALSE
0,083	0,280	0,004	0,012	0,148	FALSE
-0,130	0,259	-0,006	0,013	0,182	FALSE
-0,082	0,275	-0,003	0,011	0,116	FALSE
-0,068	0,290	-0,004	0,014	0,099	FALSE
0,179	0,276	0,007	0,012	0,268	FALSE
-0,124	0,283	-0,007	0,018	0,165	FALSE
-0,237	0,267	-0,013	0,016	0,355	FALSE
0,076	0,278	0,005	0,016	0,128	FALSE
0,056	0,281	0,002	0,016	0,049	FALSE
-0,157	0,276	-0,008	0,014	0,253	FALSE
0,059	0,284	0,002	0,017	0,045	FALSE
0,119	0,284	0,006	0,011	0,251	FALSE
0,169	0,274	0,008	0,012	0,310	FALSE
0,033	0,293	0,001	0,009	0,040	FALSE
-0,106	0,293	-0,004	0,011	0,123	FALSE
0,002	0,294	0,001	0,011	0,024	FALSE
-0,115	0,290	-0,008	0,014	0,244	FALSE
-0,050	0,298	-0,002	0,009	0,063	FALSE
0,008	0,283	0,001	0,011	0,043	FALSE
-0,007	0,291	0,000	0,009	0,004	FALSE
0,089	0,261	0,003	0,013	0,088	FALSE
-0,128	0,271	-0,004	0,009	0,201	FALSE
0,118	0,282	0,005	0,016	0,111	FALSE
-0,172	0,275	-0,008	0,013	0,251	FALSE
-0,200	0,269	-0,010	0,017	0,243	FALSE
0,076	0,279	0,003	0,009	0,133	FALSE
-0,144	0,283	-0,005	0,012	0,164	FALSE
-0,037	0,288	0,000	0,010	0,007	FALSE
-0,134	0,278	-0,004	0,012	0,145	FALSE
0,007	0,287	0,001	0,012	0,034	FALSE
0,110	0,283	0,006	0,017	0,148	FALSE
-0,091	0,292	-0,001	0,009	0,049	FALSE
-0,127	0,287	-0,004	0,009	0,174	FALSE

0,168	0,285	0,006	0,013	0,182	FALSE
0,131	0,296	0,005	0,009	0,234	FALSE
0,010	0,296	-0,002	0,018	0,031	FALSE
-0,054	0,289	-0,002	0,009	0,069	FALSE
-0,055	0,271	-0,002	0,013	0,048	FALSE
-0,095	0,289	-0,002	0,010	0,089	FALSE
-0,079	0,285	-0,004	0,015	0,107	FALSE
-0,046	0,262	-0,003	0,017	0,063	FALSE
0,145	0,301	0,007	0,014	0,186	FALSE
-0,045	0,285	-0,002	0,009	0,062	FALSE
0,026	0,287	0,000	0,011	0,007	FALSE
0,021	0,304	0,003	0,016	0,073	FALSE
-0,080	0,277	-0,001	0,009	0,043	FALSE
-0,045	0,275	0,000	0,009	0,001	FALSE
0,140	0,271	0,007	0,015	0,208	FALSE
0,122	0,298	0,007	0,017	0,160	FALSE
0,127	0,282	0,007	0,016	0,183	FALSE
-0,034	0,282	0,000	0,010	0,005	FALSE
-0,036	0,276	-0,004	0,017	0,078	FALSE
0,010	0,277	0,004	0,014	0,096	FALSE
-0,060	0,282	-0,004	0,016	0,089	FALSE
-0,101	0,283	-0,002	0,010	0,079	FALSE
-0,079	0,279	-0,003	0,013	0,095	FALSE
0,150	0,288	0,011	0,017	0,288	FALSE
0,086	0,294	0,002	0,010	0,087	FALSE
0,089	0,280	0,004	0,016	0,081	FALSE
-0,097	0,289	-0,002	0,010	0,083	FALSE
-0,196	0,275	-0,005	0,008	0,261	FALSE
-0,020	0,291	-0,003	0,017	0,057	FALSE
-0,005	0,276	0,002	0,018	0,034	FALSE
-0,009	0,279	0,002	0,016	0,033	FALSE
0,060	0,283	0,000	0,015	0,011	FALSE
-0,047	0,284	-0,001	0,008	0,048	FALSE
-0,094	0,289	-0,005	0,012	0,178	FALSE
0,065	0,278	0,001	0,017	0,020	FALSE
0,030	0,281	0,000	0,010	0,011	FALSE
0,172	0,258	0,006	0,016	0,155	FALSE
0,059	0,301	0,002	0,010	0,077	FALSE
-0,007	0,296	-0,001	0,018	0,011	FALSE
0,049	0,292	0,005	0,018	0,112	FALSE
0,082	0,284	0,003	0,010	0,102	FALSE
0,019	0,298	0,000	0,013	0,002	FALSE
0,026	0,276	-0,001	0,014	0,022	FALSE
-0,027	0,285	0,000	0,010	0,009	FALSE
-0,127	0,276	-0,003	0,009	0,124	FALSE
0,054	0,281	0,000	0,012	0,015	FALSE
0,163	0,260	0,004	0,010	0,155	FALSE
-0,095	0,279	-0,004	0,015	0,103	FALSE
0,030	0,295	0,003	0,012	0,081	FALSE
-0,017	0,289	0,000	0,012	0,013	FALSE
0,006	0,287	-0,001	0,009	0,032	FALSE
0,065	0,270	0,003	0,011	0,092	FALSE
-0,092	0,290	-0,002	0,011	0,069	FALSE

-0,054	0,268	-0,001	0,018	0,012	FALSE
0,009	0,271	0,003	0,017	0,068	FALSE
-0,033	0,280	-0,002	0,011	0,072	FALSE
-0,077	0,280	-0,003	0,012	0,103	FALSE
-0,051	0,287	-0,001	0,010	0,039	FALSE
-0,076	0,270	-0,004	0,012	0,122	FALSE
-0,083	0,269	-0,004	0,013	0,109	FALSE
-0,087	0,282	-0,004	0,014	0,112	FALSE
-0,189	0,265	-0,009	0,014	0,271	FALSE
0,018	0,265	0,003	0,016	0,081	FALSE
0,030	0,269	0,004	0,016	0,099	FALSE
0,005	0,279	0,003	0,017	0,063	FALSE
-0,118	0,285	-0,003	0,009	0,132	FALSE
-0,022	0,263	-0,001	0,012	0,042	FALSE
-0,070	0,259	-0,003	0,013	0,089	FALSE
-0,006	0,286	0,000	0,010	0,003	FALSE
0,052	0,280	0,002	0,012	0,054	FALSE
0,141	0,261	0,006	0,014	0,180	FALSE
0,138	0,258	0,006	0,014	0,179	FALSE
-0,072	0,265	-0,003	0,010	0,110	FALSE
-0,024	0,278	-0,001	0,010	0,034	FALSE
-0,046	0,299	-0,002	0,009	0,074	FALSE
0,000	0,284	0,001	0,008	0,053	FALSE
0,157	0,273	0,006	0,012	0,204	FALSE
0,198	0,274	0,006	0,010	0,286	FALSE
0,211	0,280	0,007	0,010	0,295	FALSE
0,018	0,288	0,004	0,018	0,084	FALSE
0,102	0,278	0,004	0,010	0,186	FALSE
-0,010	0,277	0,000	0,016	0,006	FALSE
-0,017	0,280	-0,001	0,015	0,020	FALSE
0,033	0,273	0,002	0,010	0,071	FALSE
0,026	0,272	0,002	0,010	0,054	FALSE
-0,065	0,271	-0,004	0,017	0,077	FALSE
-0,012	0,287	-0,001	0,016	0,018	FALSE
-0,001	0,284	0,000	0,016	0,001	FALSE
0,028	0,286	0,002	0,016	0,041	FALSE
-0,049	0,296	-0,004	0,017	0,079	FALSE
0,054	0,281	0,003	0,011	0,109	FALSE
-0,054	0,285	-0,001	0,009	0,037	FALSE
-0,068	0,290	-0,002	0,009	0,077	FALSE
-0,076	0,286	-0,003	0,017	0,057	FALSE
0,002	0,284	0,000	0,009	0,012	FALSE
-0,176	0,272	-0,009	0,016	0,248	FALSE
-0,062	0,270	-0,001	0,008	0,057	FALSE
0,150	0,272	0,003	0,010	0,132	FALSE
-0,012	0,279	0,000	0,011	0,004	FALSE
-0,125	0,289	-0,006	0,012	0,195	FALSE
0,116	0,288	0,006	0,013	0,166	FALSE
-0,033	0,283	-0,001	0,013	0,040	FALSE
-0,194	0,272	-0,011	0,018	0,266	FALSE
-0,023	0,293	-0,002	0,018	0,039	FALSE
0,006	0,283	-0,002	0,017	0,033	FALSE
0,039	0,282	0,001	0,017	0,023	FALSE

0,031	0,291	0,000	0,017	0,005	FALSE
-0,002	0,298	0,000	0,011	0,005	FALSE
0,085	0,286	0,004	0,012	0,151	FALSE
0,023	0,286	0,001	0,013	0,024	FALSE
0,049	0,289	0,003	0,016	0,060	FALSE
0,084	0,276	0,003	0,010	0,130	FALSE
0,063	0,273	0,004	0,015	0,107	FALSE
-0,120	0,284	-0,005	0,013	0,146	FALSE
0,051	0,284	0,003	0,011	0,104	FALSE
-0,037	0,283	-0,001	0,013	0,024	FALSE
0,117	0,269	0,007	0,017	0,162	FALSE
0,041	0,287	0,001	0,010	0,026	FALSE
0,181	0,283	0,005	0,009	0,225	FALSE
0,037	0,300	0,001	0,018	0,011	FALSE
-0,123	0,286	-0,006	0,014	0,178	FALSE
0,023	0,272	0,001	0,010	0,057	FALSE
-0,001	0,289	-0,001	0,015	0,026	FALSE
-0,025	0,284	-0,003	0,016	0,064	FALSE
0,055	0,293	0,004	0,014	0,110	FALSE
-0,113	0,281	-0,008	0,017	0,187	FALSE
0,084	0,273	0,004	0,016	0,090	FALSE
0,020	0,277	-0,001	0,011	0,037	FALSE
-0,190	0,291	-0,005	0,009	0,254	FALSE
0,185	0,274	0,004	0,009	0,188	FALSE
-0,066	0,283	-0,002	0,015	0,040	FALSE
-0,129	0,267	-0,006	0,015	0,160	FALSE
0,047	0,286	0,000	0,014	0,009	FALSE
-0,017	0,285	0,000	0,013	0,013	FALSE
-0,041	0,294	-0,003	0,013	0,075	FALSE
0,067	0,265	0,002	0,010	0,065	FALSE
0,111	0,289	0,003	0,012	0,083	FALSE
-0,098	0,271	-0,002	0,009	0,087	FALSE
0,071	0,267	0,002	0,013	0,046	FALSE
0,027	0,281	0,000	0,017	0,008	FALSE
0,009	0,280	0,000	0,017	0,008	FALSE
-0,053	0,294	0,000	0,013	0,004	FALSE
0,019	0,293	0,002	0,011	0,075	FALSE
-0,121	0,291	-0,005	0,015	0,146	FALSE
0,223	0,275	0,011	0,015	0,345	FALSE
-0,204	0,275	-0,008	0,013	0,268	FALSE
0,007	0,285	0,001	0,010	0,030	FALSE
-0,135	0,292	-0,006	0,011	0,217	FALSE
-0,137	0,285	-0,004	0,011	0,133	FALSE
-0,038	0,286	-0,001	0,011	0,030	FALSE
0,011	0,287	0,001	0,011	0,033	FALSE
0,040	0,283	0,003	0,011	0,093	FALSE
0,008	0,280	0,002	0,017	0,042	FALSE
0,052	0,292	0,004	0,017	0,090	FALSE
-0,182	0,280	-0,005	0,010	0,235	FALSE
0,062	0,293	0,005	0,018	0,111	FALSE
0,072	0,276	0,003	0,012	0,090	FALSE
0,135	0,292	0,005	0,013	0,173	FALSE
-0,210	0,280	-0,009	0,014	0,293	FALSE

0,058	0,285	0,001	0,017	0,029	FALSE
0,020	0,282	0,000	0,016	0,003	FALSE
-0,199	0,292	-0,011	0,018	0,255	FALSE
-0,241	0,278	-0,016	0,017	0,432	FALSE
-0,069	0,249	-0,003	0,010	0,128	FALSE
0,225	0,260	0,007	0,009	0,324	FALSE
-0,007	0,280	0,000	0,010	0,015	FALSE
0,084	0,291	0,002	0,013	0,045	FALSE
-0,247	0,282	-0,008	0,010	0,388	FALSE
0,114	0,280	0,005	0,014	0,137	FALSE
0,028	0,290	0,003	0,018	0,056	FALSE
0,050	0,286	0,004	0,016	0,081	FALSE
0,036	0,295	0,003	0,018	0,054	FALSE
0,078	0,281	0,001	0,010	0,052	FALSE
0,107	0,278	0,007	0,016	0,177	FALSE
0,046	0,283	0,001	0,018	0,028	FALSE
-0,168	0,278	-0,004	0,010	0,177	FALSE
-0,173	0,288	-0,005	0,010	0,179	FALSE
-0,174	0,279	-0,004	0,010	0,176	FALSE
-0,092	0,271	-0,004	0,015	0,115	FALSE
0,051	0,291	0,001	0,010	0,044	FALSE
0,025	0,293	0,002	0,010	0,059	FALSE
0,047	0,286	0,002	0,014	0,053	FALSE
-0,077	0,280	-0,006	0,017	0,144	FALSE
-0,109	0,277	-0,008	0,017	0,195	FALSE
-0,070	0,298	-0,002	0,010	0,091	FALSE
-0,032	0,281	-0,002	0,012	0,048	FALSE
0,036	0,274	0,000	0,009	0,004	FALSE
-0,055	0,285	-0,005	0,015	0,118	FALSE
0,120	0,285	0,004	0,011	0,155	FALSE
-0,082	0,279	-0,005	0,014	0,153	TRUE
-0,051	0,280	-0,004	0,014	0,111	FALSE
-0,047	0,280	-0,004	0,014	0,109	FALSE
-0,071	0,288	-0,006	0,015	0,152	FALSE
-0,041	0,291	0,000	0,009	0,013	FALSE
-0,067	0,285	-0,005	0,014	0,126	FALSE
-0,013	0,289	-0,002	0,015	0,063	FALSE
0,022	0,288	-0,001	0,013	0,024	FALSE
-0,164	0,292	-0,004	0,010	0,184	FALSE
-0,056	0,282	-0,001	0,018	0,021	FALSE
0,164	0,260	0,005	0,009	0,279	FALSE
0,046	0,274	0,002	0,010	0,089	FALSE
0,057	0,286	0,003	0,009	0,126	FALSE
-0,058	0,286	0,000	0,009	0,011	FALSE
0,197	0,276	0,008	0,012	0,324	FALSE
-0,137	0,286	-0,009	0,017	0,214	FALSE
0,080	0,285	0,002	0,009	0,074	FALSE
0,044	0,294	0,002	0,010	0,056	FALSE
-0,070	0,288	-0,002	0,013	0,067	FALSE
0,097	0,284	0,002	0,010	0,090	FALSE
-0,123	0,272	-0,003	0,010	0,116	FALSE
0,005	0,286	0,001	0,017	0,015	FALSE
-0,037	0,273	-0,002	0,011	0,069	FALSE

-0,203	0,273	-0,005	0,009	0,231	FALSE
-0,128	0,285	-0,003	0,012	0,107	FALSE
0,007	0,292	-0,001	0,012	0,028	FALSE
0,001	0,280	0,003	0,012	0,099	FALSE
0,261	0,262	0,008	0,013	0,253	FALSE
0,109	0,294	0,007	0,017	0,170	FALSE
-0,116	0,279	-0,004	0,009	0,187	FALSE
-0,109	0,274	-0,004	0,010	0,151	FALSE
-0,100	0,290	-0,004	0,010	0,148	FALSE
-0,118	0,260	-0,004	0,009	0,167	FALSE
-0,116	0,288	-0,003	0,010	0,141	FALSE
-0,105	0,291	-0,003	0,009	0,133	FALSE
-0,095	0,296	-0,003	0,011	0,105	FALSE
-0,078	0,280	-0,002	0,009	0,097	FALSE
-0,087	0,289	-0,003	0,010	0,102	FALSE
-0,099	0,276	-0,003	0,009	0,127	FALSE
-0,103	0,274	-0,003	0,010	0,146	FALSE
-0,094	0,270	-0,003	0,009	0,144	FALSE
-0,112	0,265	-0,004	0,009	0,158	FALSE
0,007	0,285	0,000	0,017	0,005	FALSE
-0,108	0,287	-0,004	0,012	0,119	FALSE
0,130	0,290	0,004	0,009	0,167	FALSE
-0,192	0,272	-0,007	0,010	0,311	FALSE
-0,214	0,268	-0,007	0,010	0,302	FALSE
-0,079	0,256	-0,006	0,014	0,189	FALSE
0,219	0,271	0,009	0,012	0,316	FALSE
0,062	0,290	0,002	0,012	0,061	FALSE
-0,055	0,262	-0,003	0,012	0,089	FALSE
-0,049	0,266	-0,003	0,012	0,091	FALSE
-0,152	0,294	-0,010	0,015	0,278	FALSE
0,153	0,272	0,006	0,013	0,178	FALSE
0,039	0,281	0,001	0,009	0,042	FALSE
-0,199	0,291	-0,006	0,010	0,282	FALSE
-0,037	0,284	0,000	0,014	0,004	FALSE
-0,123	0,295	-0,006	0,014	0,170	FALSE
-0,017	0,297	-0,001	0,015	0,019	FALSE
-0,102	0,288	-0,002	0,010	0,092	FALSE
0,000	0,279	0,000	0,010	0,015	FALSE
-0,095	0,285	-0,005	0,014	0,127	FALSE
0,014	0,301	0,001	0,010	0,026	FALSE
-0,100	0,284	-0,005	0,013	0,142	FALSE
-0,102	0,295	-0,005	0,014	0,136	FALSE
0,113	0,289	0,005	0,015	0,134	FALSE
0,202	0,269	0,007	0,009	0,346	FALSE
0,104	0,268	0,002	0,008	0,109	FALSE
0,023	0,273	0,001	0,009	0,042	FALSE
-0,159	0,263	-0,007	0,015	0,195	FALSE
-0,099	0,280	-0,003	0,016	0,070	FALSE
0,091	0,285	0,003	0,010	0,102	FALSE
0,004	0,282	0,002	0,014	0,044	FALSE
-0,077	0,281	-0,003	0,009	0,128	FALSE
0,141	0,272	0,005	0,013	0,137	FALSE
0,154	0,284	0,006	0,012	0,232	FALSE

-0,029	0,278	0,000	0,011	0,010	FALSE
0,058	0,293	0,003	0,014	0,094	FALSE
-0,051	0,297	-0,005	0,015	0,121	FALSE
0,026	0,280	0,001	0,009	0,028	FALSE
0,053	0,294	0,001	0,015	0,026	FALSE
-0,082	0,278	-0,004	0,015	0,095	FALSE
-0,199	0,263	-0,007	0,012	0,224	FALSE
-0,075	0,274	-0,002	0,014	0,057	FALSE
-0,066	0,268	-0,001	0,013	0,021	FALSE
-0,147	0,289	-0,005	0,009	0,216	FALSE
0,101	0,294	0,004	0,010	0,144	FALSE
0,084	0,275	0,008	0,016	0,192	FALSE
0,185	0,269	0,005	0,010	0,193	FALSE
0,090	0,284	0,003	0,009	0,130	FALSE
0,137	0,266	0,003	0,009	0,151	FALSE
-0,072	0,292	-0,003	0,012	0,078	FALSE
-0,071	0,287	-0,003	0,015	0,076	FALSE
0,104	0,284	0,004	0,012	0,146	FALSE
0,074	0,276	0,006	0,016	0,139	FALSE
-0,134	0,282	-0,004	0,015	0,104	FALSE
-0,154	0,271	-0,007	0,014	0,197	FALSE
0,023	0,285	0,001	0,012	0,030	FALSE
0,128	0,289	0,006	0,016	0,142	FALSE
0,159	0,265	0,004	0,009	0,197	FALSE
-0,144	0,283	-0,006	0,018	0,134	FALSE
0,018	0,287	0,001	0,010	0,026	FALSE
-0,074	0,285	-0,004	0,016	0,094	FALSE
0,005	0,294	0,001	0,010	0,047	FALSE
-0,161	0,272	-0,004	0,009	0,191	FALSE
-0,142	0,291	-0,005	0,012	0,153	FALSE
0,090	0,266	0,003	0,008	0,160	FALSE
0,061	0,297	0,001	0,011	0,051	FALSE
-0,002	0,287	-0,001	0,013	0,014	FALSE
-0,036	0,274	0,001	0,015	0,035	FALSE
-0,123	0,275	-0,006	0,015	0,167	FALSE
0,121	0,275	0,003	0,015	0,092	FALSE
0,000	0,259	-0,001	0,010	0,031	FALSE
0,170	0,269	0,005	0,013	0,166	FALSE
0,023	0,280	0,000	0,017	0,003	FALSE
0,138	0,287	0,008	0,018	0,176	FALSE
-0,067	0,291	-0,002	0,010	0,059	FALSE
0,032	0,292	0,000	0,008	0,017	FALSE
0,061	0,270	0,003	0,015	0,064	FALSE
0,030	0,262	0,001	0,013	0,039	FALSE
0,016	0,288	0,003	0,016	0,069	FALSE
-0,106	0,293	-0,003	0,013	0,097	FALSE
0,052	0,281	0,002	0,013	0,056	FALSE
-0,123	0,280	-0,004	0,009	0,201	FALSE
-0,066	0,260	-0,004	0,011	0,160	FALSE
0,037	0,299	0,002	0,012	0,054	FALSE
0,081	0,297	0,003	0,009	0,150	FALSE
0,057	0,284	0,006	0,017	0,137	FALSE
0,004	0,272	0,002	0,009	0,068	FALSE

-0,119	0,276	-0,003	0,009	0,118	FALSE
0,025	0,284	0,002	0,011	0,057	FALSE
-0,061	0,290	-0,002	0,016	0,043	FALSE
0,075	0,277	0,005	0,015	0,133	FALSE
-0,049	0,287	-0,002	0,016	0,054	FALSE
-0,076	0,280	-0,003	0,013	0,083	FALSE
-0,183	0,283	-0,011	0,018	0,259	FALSE
0,003	0,298	-0,001	0,009	0,025	FALSE
0,184	0,275	0,007	0,013	0,223	FALSE
0,157	0,264	0,006	0,013	0,187	FALSE
0,036	0,292	0,001	0,009	0,051	FALSE
0,013	0,293	-0,001	0,011	0,023	FALSE
-0,015	0,279	-0,001	0,009	0,060	FALSE
-0,035	0,277	-0,002	0,011	0,083	FALSE
-0,018	0,280	-0,002	0,009	0,073	FALSE
-0,153	0,286	-0,003	0,010	0,119	FALSE
0,025	0,280	0,000	0,014	0,012	FALSE
-0,007	0,272	-0,001	0,011	0,024	FALSE
-0,121	0,294	-0,004	0,014	0,094	FALSE
-0,153	0,286	-0,007	0,013	0,238	FALSE
0,094	0,290	0,003	0,009	0,142	FALSE
-0,009	0,282	-0,002	0,010	0,063	FALSE
-0,066	0,284	-0,002	0,015	0,043	FALSE
-0,096	0,273	-0,004	0,016	0,095	FALSE
0,067	0,279	0,001	0,017	0,014	FALSE
-0,118	0,272	-0,003	0,017	0,076	FALSE
-0,147	0,269	-0,006	0,016	0,139	FALSE
0,053	0,288	0,006	0,017	0,155	FALSE
0,135	0,291	0,005	0,014	0,151	FALSE
-0,003	0,274	-0,001	0,009	0,048	FALSE
0,008	0,296	-0,001	0,009	0,028	FALSE
0,006	0,282	-0,001	0,009	0,047	FALSE
0,179	0,261	0,005	0,009	0,233	FALSE
-0,031	0,274	0,000	0,010	0,000	FALSE
0,206	0,282	0,011	0,018	0,252	FALSE
0,044	0,281	0,002	0,012	0,066	FALSE
-0,016	0,275	0,000	0,011	0,002	FALSE
0,025	0,276	0,002	0,013	0,052	FALSE
-0,098	0,284	-0,004	0,017	0,092	FALSE
0,008	0,289	0,000	0,012	0,013	FALSE
0,056	0,295	0,002	0,011	0,059	FALSE
-0,092	0,293	-0,002	0,010	0,084	FALSE
0,001	0,278	-0,001	0,011	0,036	FALSE
-0,082	0,284	-0,004	0,010	0,146	FALSE
0,042	0,266	0,003	0,009	0,122	FALSE
-0,107	0,284	-0,005	0,014	0,150	FALSE
0,002	0,293	-0,001	0,015	0,014	FALSE
0,113	0,305	0,005	0,018	0,115	FALSE
-0,063	0,293	-0,005	0,016	0,118	FALSE
0,010	0,289	0,002	0,009	0,087	FALSE
0,190	0,275	0,006	0,010	0,240	FALSE
-0,095	0,277	-0,003	0,012	0,100	FALSE
0,083	0,294	0,004	0,016	0,092	FALSE

0,211	0,268	0,007	0,010	0,284	FALSE
-0,075	0,301	-0,004	0,018	0,084	FALSE
0,011	0,295	0,002	0,011	0,071	FALSE
0,080	0,275	0,001	0,011	0,018	FALSE
-0,011	0,278	0,001	0,015	0,014	FALSE
-0,027	0,276	0,000	0,016	0,003	FALSE
0,111	0,261	0,002	0,008	0,096	FALSE
-0,031	0,281	-0,001	0,015	0,024	FALSE
-0,048	0,281	-0,001	0,010	0,020	FALSE
-0,084	0,279	-0,003	0,008	0,155	FALSE
-0,087	0,284	-0,003	0,012	0,093	FALSE
0,003	0,304	0,001	0,011	0,035	FALSE
0,012	0,271	0,000	0,013	0,010	FALSE
-0,194	0,279	-0,008	0,016	0,219	FALSE
-0,173	0,270	-0,008	0,016	0,207	FALSE
0,055	0,293	0,002	0,011	0,054	FALSE
-0,238	0,272	-0,012	0,016	0,347	FALSE
0,010	0,286	0,001	0,011	0,020	FALSE
0,199	0,276	0,008	0,013	0,259	FALSE
0,189	0,274	0,007	0,015	0,189	FALSE
-0,075	0,280	-0,002	0,009	0,107	FALSE
0,116	0,258	0,004	0,016	0,086	FALSE
-0,002	0,292	-0,001	0,013	0,027	FALSE
-0,089	0,278	-0,005	0,013	0,145	FALSE
-0,074	0,286	-0,004	0,013	0,134	FALSE
0,057	0,276	0,001	0,010	0,024	FALSE
0,127	0,276	0,005	0,009	0,228	FALSE
0,174	0,281	0,007	0,015	0,196	FALSE
-0,025	0,288	-0,001	0,017	0,015	FALSE
-0,057	0,286	-0,001	0,010	0,035	FALSE
0,023	0,294	0,000	0,010	0,015	FALSE
-0,022	0,295	-0,002	0,018	0,044	FALSE
0,163	0,274	0,004	0,008	0,227	FALSE
0,174	0,278	0,005	0,009	0,234	FALSE
0,030	0,274	0,001	0,014	0,030	FALSE
0,058	0,274	0,003	0,011	0,118	FALSE
-0,022	0,290	-0,001	0,016	0,031	FALSE
-0,075	0,282	-0,003	0,013	0,079	FALSE
-0,076	0,298	-0,003	0,013	0,083	FALSE
-0,008	0,296	0,002	0,012	0,062	FALSE
-0,005	0,284	-0,001	0,014	0,014	FALSE
-0,016	0,284	-0,001	0,013	0,033	FALSE
0,123	0,278	0,006	0,016	0,148	FALSE
0,104	0,276	0,004	0,013	0,121	FALSE
0,014	0,296	0,001	0,009	0,030	FALSE
0,073	0,286	0,003	0,016	0,073	FALSE
-0,084	0,283	-0,004	0,010	0,172	FALSE
0,027	0,295	0,004	0,017	0,083	FALSE
-0,035	0,285	-0,002	0,016	0,050	FALSE
-0,163	0,275	-0,008	0,018	0,190	FALSE
-0,047	0,284	-0,004	0,018	0,079	FALSE
-0,236	0,258	-0,009	0,011	0,415	FALSE
-0,079	0,287	-0,002	0,009	0,103	FALSE

0,049	0,294	0,003	0,016	0,066	FALSE
-0,034	0,270	0,000	0,010	0,003	FALSE
-0,016	0,292	0,001	0,015	0,024	FALSE
-0,154	0,280	-0,005	0,018	0,113	FALSE
-0,015	0,292	0,001	0,011	0,019	FALSE
-0,006	0,272	0,000	0,018	0,008	FALSE
-0,029	0,274	0,000	0,017	0,005	FALSE
0,018	0,295	0,001	0,011	0,039	FALSE
0,075	0,283	0,003	0,014	0,075	FALSE
0,053	0,269	0,001	0,012	0,041	FALSE
0,012	0,268	0,000	0,013	0,009	FALSE
0,157	0,269	0,007	0,012	0,260	FALSE
-0,052	0,300	-0,001	0,010	0,050	FALSE
-0,242	0,284	-0,008	0,011	0,298	FALSE
0,100	0,288	0,005	0,017	0,116	FALSE
-0,040	0,290	0,000	0,016	0,008	FALSE
0,096	0,279	0,004	0,014	0,096	FALSE
-0,234	0,271	-0,008	0,015	0,230	FALSE
-0,151	0,274	-0,004	0,009	0,159	FALSE
0,096	0,282	0,003	0,015	0,085	FALSE
0,114	0,274	0,002	0,009	0,092	FALSE
-0,173	0,269	-0,008	0,017	0,193	FALSE
-0,172	0,271	-0,008	0,014	0,250	FALSE
-0,060	0,274	-0,006	0,016	0,148	FALSE
0,100	0,282	0,005	0,011	0,206	FALSE
-0,012	0,268	-0,002	0,014	0,062	FALSE
-0,116	0,287	-0,006	0,016	0,151	FALSE
-0,099	0,287	-0,006	0,016	0,139	FALSE
0,159	0,279	0,005	0,011	0,188	FALSE
-0,078	0,296	-0,002	0,011	0,085	FALSE
0,165	0,280	0,005	0,012	0,183	FALSE
0,148	0,274	0,005	0,011	0,186	FALSE
-0,045	0,299	-0,003	0,017	0,061	FALSE
-0,033	0,289	-0,002	0,016	0,055	FALSE
0,024	0,306	0,000	0,019	0,003	FALSE
0,073	0,279	0,002	0,012	0,068	FALSE
0,060	0,291	0,003	0,018	0,057	FALSE
-0,016	0,287	0,001	0,018	0,027	FALSE
0,064	0,289	0,004	0,011	0,139	FALSE
0,067	0,284	0,004	0,018	0,077	FALSE
0,289	0,275	0,011	0,012	0,434	FALSE
-0,090	0,286	-0,004	0,011	0,128	FALSE
0,039	0,286	0,004	0,011	0,163	FALSE
-0,060	0,286	-0,002	0,014	0,067	FALSE
-0,195	0,279	-0,007	0,011	0,280	FALSE
-0,066	0,283	-0,002	0,010	0,058	FALSE
-0,061	0,285	-0,001	0,010	0,039	FALSE
-0,130	0,272	-0,006	0,012	0,229	FALSE
0,009	0,301	0,000	0,014	0,003	FALSE
-0,058	0,293	-0,003	0,016	0,065	FALSE
0,024	0,270	0,000	0,013	0,001	FALSE
-0,042	0,252	-0,004	0,016	0,096	FALSE
0,048	0,273	0,000	0,010	0,017	FALSE

-0,056	0,275	-0,003	0,013	0,093	FALSE
0,109	0,295	0,004	0,015	0,110	FALSE
-0,118	0,276	-0,004	0,017	0,099	FALSE
0,001	0,286	-0,001	0,017	0,027	FALSE
0,008	0,290	0,002	0,018	0,034	FALSE
-0,112	0,287	-0,004	0,015	0,092	FALSE
-0,005	0,285	-0,001	0,017	0,030	FALSE
-0,159	0,284	-0,003	0,010	0,137	FALSE
-0,162	0,288	-0,004	0,008	0,178	FALSE
-0,027	0,280	0,001	0,012	0,038	FALSE
0,242	0,261	0,012	0,014	0,434	FALSE
-0,028	0,289	-0,002	0,017	0,047	FALSE
-0,005	0,300	0,000	0,014	0,012	FALSE
-0,021	0,264	0,000	0,013	0,000	FALSE
-0,066	0,281	-0,005	0,017	0,115	FALSE
0,092	0,282	0,003	0,011	0,108	FALSE
0,107	0,278	0,003	0,010	0,146	FALSE
0,070	0,275	0,002	0,009	0,064	FALSE
0,094	0,276	0,002	0,009	0,089	FALSE
0,011	0,279	0,001	0,013	0,035	FALSE
-0,136	0,291	-0,002	0,009	0,102	FALSE
-0,073	0,283	-0,001	0,018	0,030	FALSE
0,151	0,263	0,004	0,012	0,147	FALSE
0,019	0,285	-0,001	0,013	0,034	FALSE
-0,121	0,292	-0,008	0,017	0,200	FALSE
0,096	0,280	0,002	0,010	0,084	FALSE
-0,112	0,269	-0,004	0,009	0,190	FALSE
0,023	0,288	0,003	0,014	0,077	FALSE
0,125	0,286	0,005	0,012	0,145	FALSE
-0,056	0,285	-0,002	0,009	0,085	FALSE
-0,091	0,290	-0,003	0,010	0,127	FALSE
-0,064	0,292	-0,002	0,009	0,088	FALSE
-0,055	0,276	-0,002	0,008	0,084	FALSE
-0,091	0,293	-0,003	0,009	0,130	FALSE
0,127	0,274	0,005	0,016	0,109	FALSE
-0,044	0,280	0,000	0,014	0,010	FALSE
-0,090	0,288	-0,003	0,009	0,130	FALSE
-0,047	0,274	-0,001	0,012	0,018	FALSE
-0,070	0,282	-0,001	0,011	0,034	FALSE
0,102	0,301	0,005	0,017	0,108	FALSE
0,214	0,263	0,016	0,017	0,437	FALSE
0,275	0,265	0,009	0,008	0,541	FALSE
-0,017	0,268	-0,004	0,016	0,088	FALSE
-0,079	0,275	-0,007	0,017	0,176	FALSE
0,155	0,279	0,008	0,014	0,245	FALSE
0,034	0,279	0,000	0,016	0,004	FALSE
0,022	0,287	0,002	0,012	0,047	FALSE
-0,019	0,284	-0,001	0,011	0,028	FALSE
-0,066	0,295	-0,005	0,018	0,119	FALSE
0,054	0,272	0,004	0,015	0,114	FALSE
-0,096	0,287	-0,002	0,010	0,083	FALSE
-0,022	0,275	-0,005	0,016	0,132	FALSE
-0,041	0,263	0,002	0,017	0,049	FALSE

0,063	0,282	0,002	0,009	0,082	FALSE
0,067	0,277	0,005	0,013	0,142	FALSE
0,005	0,280	0,001	0,013	0,016	FALSE
-0,068	0,273	-0,003	0,011	0,086	FALSE
-0,133	0,281	-0,006	0,012	0,216	FALSE
-0,008	0,288	0,000	0,010	0,003	FALSE
-0,025	0,288	-0,002	0,010	0,079	FALSE
0,180	0,282	0,009	0,017	0,233	FALSE
0,114	0,282	0,009	0,018	0,215	FALSE
-0,059	0,286	-0,005	0,015	0,131	FALSE
0,051	0,281	0,002	0,008	0,070	FALSE
0,022	0,298	0,003	0,018	0,059	FALSE
0,016	0,285	0,000	0,011	0,006	FALSE
0,158	0,285	0,006	0,010	0,248	FALSE
-0,073	0,294	-0,002	0,010	0,068	FALSE
0,104	0,278	0,006	0,014	0,166	FALSE
0,147	0,249	0,006	0,009	0,308	FALSE
-0,096	0,292	-0,003	0,014	0,086	FALSE
-0,060	0,274	-0,002	0,009	0,087	FALSE
-0,007	0,261	0,001	0,009	0,021	FALSE
-0,009	0,272	0,000	0,010	0,001	FALSE
-0,026	0,287	-0,003	0,016	0,070	FALSE
0,178	0,288	0,007	0,010	0,277	FALSE
0,187	0,280	0,010	0,015	0,311	FALSE
0,140	0,286	0,007	0,015	0,189	FALSE
0,157	0,286	0,009	0,015	0,241	FALSE
0,155	0,283	0,008	0,015	0,233	FALSE
0,124	0,285	0,006	0,015	0,161	FALSE
-0,065	0,290	-0,002	0,012	0,059	FALSE
-0,023	0,290	-0,001	0,017	0,030	FALSE
0,060	0,283	0,001	0,016	0,014	FALSE
-0,019	0,284	-0,003	0,018	0,065	FALSE
-0,061	0,293	-0,004	0,015	0,103	FALSE
0,135	0,276	0,006	0,016	0,159	FALSE
0,124	0,275	0,006	0,011	0,243	FALSE
0,085	0,293	0,005	0,012	0,172	FALSE
-0,032	0,286	0,001	0,010	0,035	FALSE
-0,033	0,291	0,001	0,010	0,026	FALSE
-0,031	0,286	0,000	0,010	0,008	FALSE
-0,022	0,284	-0,001	0,015	0,027	FALSE
-0,181	0,296	-0,012	0,018	0,288	FALSE
-0,017	0,272	0,000	0,009	0,000	FALSE
-0,189	0,286	-0,009	0,017	0,227	FALSE
-0,206	0,279	-0,010	0,017	0,267	FALSE
-0,268	0,268	-0,014	0,015	0,433	FALSE
-0,274	0,269	-0,014	0,016	0,437	FALSE
-0,182	0,274	-0,008	0,013	0,257	FALSE
-0,111	0,290	-0,004	0,010	0,141	FALSE
0,118	0,274	0,004	0,013	0,100	FALSE
0,169	0,286	0,010	0,017	0,243	FALSE
-0,187	0,274	-0,013	0,017	0,346	FALSE
-0,081	0,284	-0,004	0,015	0,113	FALSE
-0,044	0,303	-0,002	0,017	0,046	FALSE

0,078	0,275	0,004	0,017	0,102	FALSE
-0,009	0,273	-0,003	0,017	0,057	FALSE
0,077	0,281	0,002	0,010	0,061	FALSE
0,049	0,280	0,005	0,016	0,126	FALSE
-0,063	0,287	-0,001	0,010	0,027	FALSE
-0,148	0,282	-0,006	0,014	0,177	FALSE
-0,111	0,288	-0,004	0,009	0,184	FALSE
0,064	0,289	0,001	0,012	0,036	FALSE
-0,041	0,291	-0,003	0,015	0,074	FALSE
-0,041	0,281	-0,001	0,012	0,044	FALSE
-0,126	0,292	-0,005	0,019	0,113	FALSE
0,086	0,293	0,002	0,012	0,063	FALSE
-0,042	0,286	0,000	0,009	0,013	FALSE
0,024	0,297	0,001	0,018	0,027	FALSE
0,074	0,272	0,005	0,017	0,116	FALSE
0,050	0,277	0,004	0,012	0,128	FALSE
-0,130	0,279	-0,004	0,010	0,169	FALSE
0,071	0,263	0,002	0,011	0,055	FALSE
-0,201	0,287	-0,005	0,009	0,236	FALSE
-0,043	0,297	0,000	0,011	0,012	FALSE
-0,040	0,288	-0,002	0,011	0,067	FALSE
0,031	0,287	0,002	0,018	0,041	FALSE
0,001	0,285	-0,003	0,016	0,069	FALSE
0,115	0,286	0,003	0,015	0,079	FALSE
-0,175	0,280	-0,009	0,016	0,255	FALSE
0,122	0,289	0,006	0,013	0,199	FALSE
-0,171	0,272	-0,008	0,015	0,216	FALSE
-0,054	0,289	-0,002	0,011	0,059	FALSE
0,062	0,286	0,000	0,011	0,010	FALSE
-0,085	0,287	-0,002	0,009	0,075	FALSE
0,112	0,276	0,010	0,017	0,252	FALSE
-0,068	0,288	-0,003	0,010	0,121	FALSE
0,022	0,268	0,000	0,008	0,016	FALSE
0,103	0,284	0,005	0,014	0,143	FALSE
-0,048	0,280	-0,003	0,013	0,074	FALSE
0,043	0,291	0,001	0,009	0,061	FALSE
0,054	0,286	0,002	0,010	0,091	FALSE
0,040	0,270	0,000	0,012	0,010	FALSE
0,100	0,287	0,005	0,016	0,133	FALSE
0,054	0,276	0,000	0,011	0,010	FALSE
0,036	0,284	0,001	0,016	0,024	FALSE
0,048	0,280	0,002	0,016	0,052	FALSE
0,097	0,292	0,005	0,016	0,117	FALSE
-0,105	0,278	-0,004	0,013	0,110	FALSE
-0,119	0,294	-0,010	0,017	0,259	FALSE
0,118	0,260	0,005	0,012	0,196	FALSE
-0,056	0,285	-0,004	0,013	0,104	FALSE
0,169	0,274	0,008	0,018	0,191	FALSE
0,062	0,297	0,003	0,014	0,092	FALSE
-0,073	0,270	-0,001	0,013	0,035	FALSE
0,039	0,292	0,002	0,008	0,085	FALSE
0,158	0,286	0,005	0,011	0,172	FALSE
0,047	0,289	0,001	0,010	0,050	FALSE

0,041	0,286	0,004	0,017	0,090	FALSE
0,048	0,281	0,000	0,013	0,004	FALSE
0,014	0,283	0,000	0,016	0,001	FALSE
-0,122	0,300	-0,005	0,015	0,134	FALSE
-0,004	0,284	0,001	0,013	0,014	FALSE
0,065	0,289	0,005	0,013	0,137	FALSE
-0,274	0,268	-0,010	0,012	0,395	TRUE
-0,049	0,267	-0,003	0,011	0,117	FALSE
0,090	0,292	0,002	0,009	0,103	FALSE
0,068	0,273	0,002	0,017	0,038	FALSE
-0,003	0,304	0,001	0,018	0,028	FALSE
0,035	0,284	0,001	0,010	0,054	FALSE
-0,131	0,280	-0,003	0,011	0,104	FALSE
-0,165	0,285	-0,005	0,011	0,169	FALSE
-0,180	0,277	-0,010	0,017	0,239	FALSE
-0,071	0,286	-0,004	0,016	0,098	FALSE
-0,270	0,284	-0,011	0,013	0,428	FALSE
-0,029	0,279	-0,002	0,009	0,077	FALSE
-0,021	0,294	-0,003	0,015	0,062	FALSE
0,166	0,282	0,007	0,018	0,168	FALSE
-0,140	0,282	-0,008	0,018	0,182	FALSE
-0,138	0,289	-0,004	0,010	0,165	FALSE
0,065	0,295	0,004	0,013	0,118	FALSE
-0,112	0,285	-0,003	0,010	0,141	FALSE
-0,148	0,276	-0,004	0,009	0,202	FALSE
-0,103	0,290	-0,007	0,016	0,186	FALSE
-0,055	0,280	0,001	0,017	0,024	FALSE
-0,043	0,302	-0,005	0,016	0,111	FALSE
0,062	0,290	0,001	0,010	0,033	FALSE
0,068	0,284	0,004	0,015	0,104	FALSE
0,031	0,264	0,004	0,015	0,092	FALSE
-0,034	0,293	-0,002	0,017	0,041	FALSE
0,176	0,281	0,010	0,016	0,265	FALSE
0,166	0,288	0,009	0,016	0,239	FALSE
-0,049	0,273	-0,003	0,017	0,073	FALSE
0,001	0,287	0,002	0,016	0,036	FALSE
0,035	0,284	0,002	0,012	0,068	FALSE
-0,204	0,279	-0,006	0,010	0,242	FALSE
-0,217	0,269	-0,006	0,009	0,326	FALSE
-0,042	0,292	-0,002	0,014	0,043	FALSE
-0,028	0,289	-0,001	0,015	0,022	FALSE
0,065	0,279	0,003	0,012	0,088	FALSE
0,042	0,281	0,001	0,010	0,043	FALSE
0,095	0,272	0,002	0,009	0,077	FALSE
0,056	0,303	0,003	0,016	0,062	FALSE
0,044	0,290	0,002	0,009	0,080	FALSE
0,046	0,278	0,002	0,010	0,081	FALSE
0,131	0,293	0,006	0,014	0,175	FALSE
0,183	0,272	0,006	0,010	0,265	FALSE
0,002	0,288	0,001	0,017	0,016	FALSE
-0,052	0,296	-0,001	0,011	0,043	FALSE
-0,020	0,291	-0,001	0,010	0,027	FALSE
-0,098	0,282	-0,002	0,008	0,118	FALSE

-0,139	0,271	-0,007	0,015	0,186	FALSE
0,108	0,283	0,003	0,011	0,117	FALSE
0,259	0,268	0,010	0,012	0,422	FALSE
-0,023	0,281	-0,001	0,014	0,029	FALSE
0,035	0,265	0,001	0,010	0,027	FALSE
-0,044	0,282	-0,005	0,018	0,115	FALSE
-0,037	0,278	-0,004	0,018	0,094	FALSE
0,058	0,275	0,002	0,016	0,053	FALSE
0,187	0,256	0,010	0,013	0,357	FALSE
-0,086	0,289	-0,005	0,016	0,114	FALSE
-0,079	0,294	-0,005	0,017	0,123	FALSE
0,315	0,270	0,010	0,010	0,515	FALSE
0,133	0,282	0,007	0,015	0,202	FALSE
0,085	0,276	0,006	0,017	0,143	FALSE
0,094	0,285	0,006	0,018	0,134	FALSE
0,128	0,275	0,009	0,017	0,219	FALSE
0,070	0,282	0,005	0,017	0,110	FALSE
-0,094	0,281	-0,003	0,010	0,107	FALSE
-0,087	0,289	-0,001	0,009	0,042	FALSE
0,022	0,277	0,002	0,011	0,074	FALSE
-0,044	0,288	-0,005	0,016	0,115	FALSE
-0,030	0,276	-0,002	0,015	0,047	FALSE
0,044	0,282	0,004	0,015	0,092	FALSE
0,162	0,277	0,007	0,011	0,284	FALSE
-0,223	0,273	-0,008	0,013	0,288	FALSE
0,060	0,281	0,002	0,016	0,037	FALSE
-0,027	0,276	-0,001	0,014	0,036	FALSE
0,059	0,278	0,001	0,015	0,018	FALSE
-0,095	0,277	-0,005	0,010	0,195	FALSE
-0,160	0,278	-0,007	0,012	0,238	FALSE
0,030	0,274	0,001	0,011	0,020	FALSE
-0,056	0,282	-0,001	0,011	0,049	FALSE
-0,092	0,291	-0,002	0,010	0,093	FALSE
-0,034	0,289	-0,002	0,012	0,072	FALSE
-0,007	0,283	0,000	0,011	0,010	FALSE
0,143	0,279	0,006	0,010	0,230	FALSE
-0,098	0,283	-0,004	0,015	0,100	FALSE
-0,067	0,282	-0,002	0,009	0,084	FALSE
-0,054	0,284	-0,003	0,018	0,063	FALSE
-0,103	0,272	-0,003	0,008	0,165	FALSE
0,025	0,279	0,001	0,011	0,032	FALSE
-0,062	0,275	-0,002	0,009	0,072	FALSE
-0,180	0,279	-0,010	0,015	0,307	TRUE
0,150	0,279	0,006	0,010	0,245	FALSE
-0,123	0,290	-0,003	0,010	0,136	FALSE
0,105	0,282	0,005	0,015	0,127	FALSE
0,127	0,286	0,004	0,012	0,123	FALSE
0,038	0,289	0,001	0,011	0,034	FALSE
-0,025	0,275	0,000	0,010	0,012	FALSE
-0,214	0,280	-0,006	0,008	0,337	FALSE
0,116	0,277	0,005	0,010	0,180	FALSE
0,106	0,284	0,004	0,014	0,104	FALSE
0,098	0,285	0,004	0,015	0,093	FALSE

0,129	0,276	0,003	0,009	0,152	FALSE
0,102	0,284	0,004	0,012	0,118	FALSE
-0,005	0,269	0,000	0,010	0,008	FALSE
-0,017	0,294	0,001	0,009	0,020	FALSE
-0,010	0,292	0,000	0,011	0,004	FALSE
0,100	0,268	0,004	0,011	0,133	FALSE
-0,001	0,274	0,002	0,016	0,040	FALSE
-0,151	0,285	-0,005	0,009	0,250	FALSE
0,010	0,275	0,000	0,012	0,007	FALSE
0,194	0,274	0,005	0,011	0,199	FALSE
-0,144	0,268	-0,004	0,009	0,164	FALSE
-0,057	0,283	-0,001	0,010	0,051	FALSE
-0,019	0,284	0,000	0,011	0,001	FALSE
0,125	0,280	0,006	0,015	0,166	FALSE
0,068	0,269	0,002	0,008	0,123	FALSE
0,070	0,271	0,003	0,009	0,120	FALSE
0,010	0,290	0,001	0,009	0,025	FALSE
0,076	0,274	0,003	0,009	0,136	FALSE
-0,149	0,295	-0,008	0,016	0,206	FALSE
-0,139	0,287	-0,006	0,015	0,157	FALSE
0,001	0,278	0,000	0,009	0,004	FALSE
-0,108	0,269	-0,004	0,016	0,101	FALSE
-0,022	0,284	-0,001	0,012	0,019	FALSE
-0,114	0,267	-0,006	0,013	0,175	FALSE
-0,076	0,293	-0,003	0,008	0,119	FALSE
0,281	0,265	0,007	0,009	0,387	FALSE
0,315	0,261	0,010	0,010	0,522	FALSE
0,011	0,277	0,001	0,012	0,029	FALSE
0,061	0,286	0,004	0,013	0,113	FALSE
0,017	0,272	0,002	0,012	0,050	FALSE
-0,149	0,286	-0,007	0,013	0,249	FALSE
-0,156	0,279	-0,008	0,013	0,244	FALSE
0,035	0,284	0,000	0,011	0,013	FALSE
0,091	0,273	0,005	0,017	0,111	FALSE
-0,087	0,269	-0,005	0,016	0,122	FALSE
-0,065	0,287	-0,005	0,012	0,155	FALSE
-0,015	0,281	-0,002	0,017	0,052	FALSE
0,203	0,274	0,006	0,009	0,322	FALSE
0,060	0,294	0,002	0,012	0,077	FALSE
0,004	0,300	0,001	0,017	0,017	FALSE
-0,054	0,280	-0,004	0,017	0,093	FALSE
0,047	0,285	0,002	0,015	0,041	FALSE
-0,280	0,264	-0,010	0,010	0,474	FALSE
0,033	0,288	-0,001	0,014	0,014	FALSE
-0,026	0,285	-0,001	0,015	0,026	FALSE
0,033	0,289	0,003	0,011	0,089	FALSE
-0,021	0,278	-0,002	0,014	0,049	FALSE
-0,109	0,282	-0,006	0,018	0,131	FALSE
-0,009	0,282	0,001	0,014	0,016	FALSE
0,170	0,277	0,009	0,013	0,303	FALSE
0,263	0,256	0,006	0,009	0,335	FALSE
0,061	0,289	0,003	0,011	0,109	FALSE
0,188	0,273	0,011	0,018	0,281	FALSE

0,073	0,293	0,002	0,009	0,067	FALSE
0,127	0,290	0,007	0,017	0,153	FALSE
-0,073	0,285	-0,003	0,008	0,122	FALSE
0,043	0,289	0,002	0,018	0,047	FALSE
-0,102	0,280	-0,005	0,018	0,101	FALSE
-0,054	0,294	-0,001	0,009	0,050	FALSE
-0,093	0,288	-0,003	0,014	0,088	FALSE
-0,143	0,272	-0,008	0,015	0,236	FALSE
-0,102	0,292	-0,003	0,014	0,084	FALSE
-0,087	0,286	-0,003	0,012	0,099	FALSE
0,107	0,273	0,003	0,009	0,139	FALSE
-0,091	0,284	-0,003	0,017	0,064	FALSE
-0,034	0,270	0,000	0,013	0,008	FALSE
0,108	0,281	0,003	0,010	0,136	FALSE
0,157	0,277	0,006	0,011	0,206	FALSE
-0,064	0,288	-0,003	0,011	0,110	FALSE
-0,038	0,294	-0,001	0,009	0,027	FALSE
-0,041	0,281	0,000	0,010	0,010	FALSE
-0,031	0,293	-0,002	0,014	0,054	FALSE
-0,078	0,290	-0,004	0,017	0,103	FALSE
-0,061	0,290	-0,003	0,016	0,079	FALSE
-0,100	0,272	-0,005	0,016	0,128	FALSE
-0,085	0,282	-0,004	0,016	0,083	FALSE
-0,026	0,296	-0,001	0,018	0,011	FALSE
-0,059	0,281	0,000	0,010	0,005	FALSE
-0,071	0,285	-0,002	0,009	0,063	FALSE
0,094	0,284	0,003	0,011	0,091	FALSE
-0,132	0,288	-0,004	0,010	0,136	FALSE
0,081	0,286	0,005	0,012	0,185	FALSE
0,125	0,295	0,007	0,017	0,154	FALSE
-0,178	0,281	-0,005	0,009	0,260	FALSE
-0,042	0,273	-0,001	0,012	0,031	FALSE
-0,025	0,293	-0,001	0,013	0,020	FALSE
0,026	0,277	-0,001	0,013	0,031	FALSE
-0,069	0,275	-0,004	0,012	0,123	FALSE
0,179	0,271	0,005	0,010	0,241	FALSE
-0,033	0,291	-0,001	0,010	0,025	FALSE
0,097	0,267	0,003	0,013	0,081	FALSE
-0,159	0,295	-0,008	0,017	0,196	FALSE
0,023	0,277	0,000	0,014	0,007	FALSE
0,050	0,289	0,002	0,010	0,062	FALSE
-0,066	0,284	0,000	0,014	0,009	FALSE
-0,032	0,282	0,001	0,013	0,038	FALSE
0,007	0,290	0,004	0,018	0,076	FALSE
-0,030	0,287	-0,003	0,017	0,059	FALSE
-0,058	0,268	0,003	0,014	0,068	FALSE
0,132	0,287	0,005	0,014	0,155	FALSE
-0,098	0,298	-0,002	0,009	0,084	FALSE
0,015	0,281	0,001	0,010	0,026	FALSE
-0,027	0,292	-0,003	0,013	0,098	FALSE
0,010	0,304	-0,001	0,014	0,013	FALSE
0,004	0,299	0,001	0,018	0,019	FALSE
-0,079	0,295	-0,005	0,016	0,125	FALSE

-0,120	0,283	-0,002	0,009	0,111	FALSE
0,112	0,281	0,006	0,018	0,138	FALSE
0,125	0,283	0,007	0,017	0,169	FALSE
0,009	0,277	-0,001	0,009	0,053	FALSE
0,203	0,268	0,006	0,012	0,227	FALSE
-0,110	0,284	-0,006	0,015	0,173	FALSE
-0,002	0,286	0,002	0,017	0,041	FALSE
0,172	0,267	0,008	0,015	0,231	FALSE
-0,092	0,275	-0,004	0,014	0,124	FALSE
-0,098	0,285	-0,005	0,016	0,128	FALSE
0,026	0,284	0,003	0,012	0,097	FALSE
-0,152	0,281	-0,005	0,010	0,195	FALSE
0,001	0,284	0,001	0,009	0,057	FALSE
-0,047	0,295	-0,003	0,013	0,106	FALSE
0,014	0,275	-0,001	0,011	0,046	FALSE
-0,029	0,297	-0,004	0,015	0,111	FALSE
-0,064	0,295	-0,005	0,015	0,141	FALSE
-0,227	0,276	-0,007	0,009	0,343	FALSE
0,031	0,287	0,002	0,009	0,072	FALSE
0,129	0,262	0,007	0,016	0,176	FALSE
0,162	0,272	0,008	0,017	0,204	FALSE
-0,067	0,291	-0,001	0,009	0,027	FALSE
0,060	0,294	0,001	0,014	0,025	FALSE
-0,143	0,278	-0,008	0,018	0,197	FALSE
-0,168	0,290	-0,006	0,010	0,280	FALSE
-0,038	0,276	-0,002	0,010	0,085	FALSE
-0,114	0,290	-0,005	0,014	0,128	FALSE
-0,096	0,289	-0,005	0,012	0,171	FALSE
-0,170	0,285	-0,005	0,010	0,213	FALSE
0,034	0,288	0,002	0,010	0,066	FALSE
0,099	0,275	0,003	0,009	0,134	FALSE
0,290	0,267	0,008	0,010	0,419	FALSE
0,229	0,262	0,012	0,014	0,404	FALSE
0,228	0,270	0,012	0,015	0,384	FALSE
0,227	0,259	0,012	0,014	0,405	FALSE
0,263	0,257	0,015	0,014	0,512	FALSE
-0,006	0,281	0,001	0,011	0,037	FALSE
-0,193	0,275	-0,008	0,011	0,306	FALSE
0,097	0,278	0,005	0,009	0,223	FALSE
-0,137	0,284	-0,004	0,010	0,145	FALSE
0,058	0,269	0,003	0,011	0,097	FALSE
-0,094	0,271	-0,006	0,012	0,185	FALSE
-0,133	0,278	-0,006	0,012	0,219	FALSE
-0,088	0,286	-0,002	0,010	0,084	FALSE
-0,088	0,275	-0,003	0,012	0,108	FALSE
0,207	0,286	0,007	0,010	0,325	FALSE
0,123	0,261	0,004	0,010	0,152	FALSE
-0,017	0,286	-0,001	0,013	0,017	FALSE
-0,003	0,277	0,001	0,014	0,015	FALSE
-0,017	0,266	0,001	0,015	0,035	FALSE
-0,188	0,267	-0,010	0,016	0,273	FALSE
-0,053	0,289	-0,001	0,009	0,031	FALSE
-0,086	0,267	-0,004	0,017	0,089	FALSE

-0,130	0,293	-0,006	0,016	0,163	FALSE
0,096	0,260	0,003	0,012	0,107	FALSE
0,039	0,271	0,003	0,014	0,068	FALSE
0,038	0,279	0,002	0,013	0,057	FALSE
-0,047	0,280	-0,001	0,009	0,061	FALSE
-0,021	0,287	-0,001	0,010	0,042	FALSE
0,074	0,273	0,004	0,012	0,120	FALSE
-0,177	0,288	-0,005	0,008	0,228	FALSE
-0,011	0,287	0,001	0,016	0,016	FALSE
-0,141	0,278	-0,005	0,013	0,157	FALSE
-0,138	0,289	-0,005	0,013	0,155	FALSE
-0,057	0,276	-0,002	0,010	0,071	FALSE
-0,144	0,263	-0,005	0,013	0,166	FALSE
-0,007	0,294	0,002	0,012	0,058	FALSE
-0,120	0,276	-0,003	0,015	0,084	FALSE
0,102	0,292	0,007	0,014	0,198	FALSE
0,105	0,282	0,006	0,013	0,177	FALSE
0,273	0,273	0,013	0,015	0,423	FALSE
-0,251	0,268	-0,008	0,011	0,335	FALSE
-0,179	0,277	-0,011	0,017	0,283	FALSE
0,060	0,267	0,002	0,012	0,065	FALSE
-0,168	0,291	-0,004	0,009	0,165	FALSE
-0,050	0,289	-0,003	0,017	0,057	FALSE
-0,014	0,287	0,000	0,017	0,008	FALSE
-0,071	0,281	-0,004	0,016	0,105	FALSE
-0,073	0,285	-0,005	0,016	0,118	FALSE
-0,124	0,285	-0,006	0,016	0,144	FALSE
-0,220	0,281	-0,009	0,015	0,268	FALSE
-0,038	0,259	-0,002	0,014	0,041	FALSE
-0,030	0,263	-0,001	0,014	0,026	FALSE
-0,109	0,300	-0,005	0,013	0,150	FALSE
0,138	0,295	0,007	0,017	0,154	FALSE
-0,107	0,277	-0,004	0,016	0,087	FALSE
-0,073	0,267	-0,002	0,016	0,048	FALSE
-0,045	0,284	0,000	0,010	0,008	FALSE
-0,040	0,288	-0,001	0,012	0,043	FALSE
-0,003	0,283	0,000	0,009	0,016	FALSE
0,006	0,296	0,000	0,017	0,008	FALSE
-0,069	0,291	-0,005	0,018	0,117	FALSE
-0,051	0,291	-0,004	0,017	0,083	FALSE
-0,148	0,285	-0,010	0,016	0,275	FALSE
0,164	0,287	0,012	0,016	0,358	FALSE
-0,014	0,290	-0,001	0,015	0,037	FALSE
-0,060	0,278	-0,004	0,013	0,116	FALSE
0,043	0,285	0,002	0,016	0,041	FALSE
0,040	0,284	0,001	0,015	0,027	FALSE
-0,060	0,294	-0,001	0,013	0,032	FALSE
-0,015	0,298	-0,001	0,013	0,037	FALSE
-0,019	0,274	-0,002	0,013	0,049	FALSE
-0,010	0,274	-0,001	0,014	0,025	FALSE
-0,017	0,284	-0,002	0,014	0,042	FALSE
-0,040	0,285	-0,002	0,014	0,056	FALSE
0,001	0,290	-0,002	0,009	0,061	FALSE

-0,048	0,288	-0,002	0,013	0,074	FALSE
-0,004	0,267	-0,002	0,016	0,038	FALSE
0,089	0,253	0,002	0,012	0,059	FALSE
-0,037	0,294	-0,003	0,014	0,083	FALSE
-0,075	0,290	-0,004	0,013	0,124	FALSE
0,041	0,290	0,002	0,015	0,046	FALSE
0,006	0,276	-0,001	0,010	0,042	FALSE
-0,105	0,291	-0,005	0,011	0,175	FALSE
0,075	0,295	0,002	0,014	0,063	FALSE
0,210	0,270	0,009	0,012	0,343	FALSE
0,092	0,293	0,004	0,013	0,118	FALSE
0,015	0,283	0,003	0,015	0,069	FALSE
-0,124	0,295	-0,005	0,016	0,132	FALSE
0,051	0,295	0,003	0,011	0,096	FALSE
-0,092	0,276	-0,005	0,014	0,136	FALSE
0,089	0,289	0,004	0,016	0,095	FALSE
-0,100	0,274	-0,006	0,016	0,145	FALSE
-0,061	0,280	-0,003	0,016	0,080	FALSE
-0,118	0,279	-0,003	0,010	0,124	FALSE
0,027	0,274	0,000	0,012	0,014	FALSE
0,030	0,296	0,001	0,012	0,031	FALSE
0,157	0,268	0,005	0,013	0,135	FALSE
0,052	0,292	0,002	0,012	0,080	FALSE
-0,025	0,293	0,000	0,011	0,014	FALSE
0,178	0,261	0,011	0,016	0,299	FALSE
-0,142	0,282	-0,011	0,017	0,308	FALSE
0,039	0,294	0,003	0,016	0,067	FALSE
0,035	0,297	0,004	0,016	0,097	FALSE
0,025	0,274	0,004	0,016	0,086	FALSE
0,037	0,287	0,005	0,016	0,116	FALSE
0,028	0,292	0,004	0,016	0,094	FALSE
0,155	0,280	0,009	0,015	0,276	FALSE
-0,136	0,286	-0,005	0,012	0,190	FALSE
0,054	0,270	0,002	0,012	0,065	FALSE
0,165	0,270	0,006	0,009	0,303	FALSE
-0,090	0,282	-0,003	0,009	0,114	FALSE
0,006	0,298	0,001	0,011	0,022	FALSE
-0,179	0,279	-0,008	0,013	0,276	FALSE
0,042	0,295	0,000	0,018	0,001	FALSE
-0,061	0,292	-0,002	0,018	0,041	FALSE
-0,207	0,285	-0,010	0,013	0,336	FALSE
-0,146	0,275	-0,004	0,010	0,170	FALSE
-0,029	0,288	0,000	0,014	0,007	FALSE
0,015	0,287	0,001	0,013	0,015	FALSE
0,183	0,277	0,006	0,011	0,237	FALSE
0,069	0,280	0,006	0,016	0,144	FALSE
-0,005	0,292	0,001	0,016	0,014	FALSE
0,182	0,257	0,005	0,009	0,223	FALSE
0,183	0,283	0,006	0,013	0,208	FALSE
0,024	0,293	-0,002	0,018	0,032	FALSE
0,267	0,265	0,014	0,017	0,402	FALSE
-0,082	0,292	-0,004	0,014	0,122	FALSE
0,081	0,287	0,003	0,017	0,070	FALSE

0,051	0,273	0,003	0,012	0,090	FALSE
-0,047	0,276	-0,001	0,008	0,041	FALSE
-0,096	0,287	-0,004	0,014	0,120	FALSE
-0,188	0,276	-0,009	0,012	0,317	FALSE
-0,176	0,286	-0,008	0,013	0,280	FALSE
-0,193	0,280	-0,010	0,017	0,272	FALSE
0,093	0,277	0,004	0,014	0,112	FALSE
-0,140	0,282	-0,003	0,010	0,118	FALSE
-0,240	0,262	-0,010	0,012	0,391	FALSE
-0,050	0,289	0,000	0,008	0,003	FALSE
-0,068	0,272	-0,003	0,011	0,101	FALSE
-0,098	0,289	-0,003	0,009	0,105	FALSE
-0,104	0,288	-0,003	0,010	0,110	FALSE
0,016	0,287	0,000	0,014	0,011	FALSE
-0,103	0,286	-0,004	0,014	0,105	FALSE
0,100	0,280	0,004	0,016	0,101	FALSE
-0,192	0,266	-0,006	0,009	0,302	FALSE
0,134	0,284	0,011	0,017	0,286	FALSE
0,045	0,282	0,002	0,016	0,039	FALSE
0,047	0,297	0,002	0,017	0,040	FALSE
0,098	0,295	0,002	0,011	0,081	FALSE
-0,213	0,273	-0,007	0,011	0,280	FALSE
-0,147	0,287	-0,003	0,009	0,136	FALSE
-0,177	0,280	-0,005	0,009	0,225	FALSE
0,048	0,296	0,002	0,014	0,064	FALSE
-0,027	0,286	-0,001	0,009	0,025	FALSE
0,062	0,288	0,003	0,013	0,083	FALSE
-0,005	0,300	-0,001	0,011	0,022	FALSE
-0,139	0,278	-0,004	0,009	0,203	FALSE
0,036	0,293	0,001	0,016	0,020	FALSE
-0,161	0,297	-0,005	0,011	0,182	FALSE
-0,170	0,275	-0,010	0,017	0,277	FALSE
-0,111	0,287	-0,004	0,010	0,177	FALSE
0,016	0,283	0,002	0,014	0,047	FALSE
-0,101	0,272	-0,002	0,009	0,066	FALSE
0,073	0,282	0,001	0,013	0,020	FALSE
-0,107	0,278	-0,003	0,014	0,095	FALSE
0,030	0,276	0,003	0,017	0,057	FALSE
0,125	0,280	0,006	0,012	0,202	FALSE
0,082	0,281	0,005	0,017	0,107	FALSE
-0,082	0,283	-0,005	0,018	0,114	FALSE
0,127	0,276	0,003	0,009	0,142	FALSE
0,082	0,274	0,003	0,015	0,086	FALSE
0,089	0,269	0,004	0,015	0,098	FALSE
-0,195	0,279	-0,007	0,012	0,278	FALSE
-0,192	0,272	-0,008	0,013	0,253	FALSE
0,131	0,271	0,006	0,014	0,183	FALSE
-0,098	0,273	-0,003	0,014	0,098	FALSE
0,206	0,263	0,008	0,011	0,320	FALSE
0,163	0,275	0,007	0,012	0,239	FALSE
-0,200	0,284	-0,007	0,009	0,341	FALSE
-0,159	0,287	-0,009	0,013	0,309	FALSE
-0,131	0,281	-0,007	0,011	0,272	FALSE

0,126	0,284	0,007	0,018	0,156	FALSE
0,000	0,291	0,000	0,011	0,016	FALSE
0,114	0,274	0,005	0,014	0,153	FALSE
0,020	0,276	0,001	0,016	0,028	FALSE
-0,035	0,288	0,000	0,009	0,006	FALSE
0,078	0,277	0,002	0,010	0,097	FALSE
-0,134	0,276	-0,007	0,017	0,171	FALSE
0,155	0,275	0,008	0,012	0,277	FALSE
-0,053	0,285	-0,002	0,011	0,062	FALSE
-0,148	0,277	-0,004	0,010	0,175	FALSE
-0,075	0,289	-0,004	0,010	0,174	FALSE
-0,016	0,276	-0,004	0,014	0,113	FALSE
0,042	0,286	0,002	0,009	0,064	FALSE
-0,083	0,277	-0,002	0,012	0,050	FALSE
0,043	0,264	0,001	0,013	0,022	FALSE
-0,025	0,284	0,000	0,011	0,014	FALSE
-0,034	0,287	0,000	0,010	0,007	FALSE
0,032	0,283	0,002	0,013	0,048	FALSE
-0,043	0,280	-0,002	0,012	0,054	FALSE
-0,062	0,303	-0,001	0,009	0,046	FALSE
0,151	0,272	0,009	0,016	0,246	FALSE
0,065	0,281	0,002	0,013	0,073	FALSE
0,052	0,288	0,002	0,012	0,047	FALSE
0,036	0,286	0,001	0,011	0,021	FALSE
-0,113	0,280	-0,003	0,014	0,067	FALSE
-0,033	0,300	-0,001	0,017	0,022	FALSE
-0,058	0,272	-0,001	0,008	0,038	FALSE
-0,022	0,278	0,001	0,017	0,010	FALSE
-0,210	0,278	-0,008	0,009	0,411	FALSE
0,081	0,291	0,005	0,010	0,196	FALSE
0,010	0,286	0,000	0,017	0,001	FALSE
0,019	0,304	0,001	0,018	0,026	FALSE
0,022	0,283	0,001	0,016	0,031	FALSE
-0,009	0,298	-0,001	0,017	0,025	FALSE
0,081	0,289	0,001	0,009	0,059	FALSE
0,208	0,287	0,007	0,010	0,340	FALSE
0,131	0,287	0,004	0,011	0,162	FALSE
-0,052	0,295	-0,003	0,018	0,073	FALSE
-0,049	0,294	-0,001	0,011	0,043	FALSE
0,005	0,285	0,001	0,015	0,022	FALSE
-0,001	0,281	0,001	0,012	0,032	FALSE
-0,191	0,266	-0,014	0,016	0,390	FALSE
-0,167	0,273	-0,013	0,017	0,363	FALSE
0,120	0,267	0,004	0,009	0,170	FALSE
0,050	0,287	0,002	0,009	0,074	FALSE
-0,114	0,292	-0,006	0,014	0,169	FALSE
-0,039	0,280	-0,002	0,010	0,073	FALSE
-0,213	0,267	-0,008	0,012	0,289	FALSE
-0,070	0,278	-0,005	0,016	0,139	FALSE
-0,038	0,293	0,000	0,009	0,014	FALSE
0,051	0,278	0,003	0,009	0,111	FALSE
0,015	0,284	-0,001	0,010	0,024	FALSE
0,006	0,293	0,001	0,009	0,059	FALSE

-0,088	0,286	-0,007	0,017	0,175	FALSE
0,211	0,268	0,007	0,010	0,335	FALSE
0,031	0,283	0,001	0,013	0,027	FALSE
0,125	0,274	0,006	0,012	0,190	FALSE
-0,023	0,282	-0,001	0,017	0,029	FALSE
0,036	0,300	0,003	0,011	0,122	FALSE
-0,047	0,291	-0,003	0,010	0,094	FALSE
0,206	0,278	0,013	0,016	0,398	FALSE
0,109	0,276	0,009	0,015	0,263	FALSE
0,006	0,274	0,000	0,016	0,002	FALSE
0,099	0,266	0,002	0,016	0,047	FALSE
0,167	0,283	0,005	0,009	0,219	FALSE
0,108	0,276	0,004	0,010	0,157	FALSE
0,163	0,272	0,006	0,012	0,199	FALSE
0,097	0,262	0,002	0,010	0,084	FALSE
-0,043	0,274	-0,001	0,015	0,023	FALSE
-0,157	0,265	-0,005	0,008	0,277	FALSE
0,055	0,280	0,004	0,014	0,107	FALSE
0,154	0,289	0,009	0,016	0,227	FALSE
0,225	0,290	0,009	0,013	0,301	FALSE
0,128	0,277	0,007	0,015	0,188	FALSE
-0,059	0,292	-0,001	0,013	0,026	FALSE
0,012	0,294	0,000	0,016	0,000	FALSE
0,238	0,279	0,010	0,011	0,451	FALSE
0,052	0,281	0,003	0,011	0,112	FALSE
0,152	0,274	0,006	0,010	0,259	FALSE
-0,038	0,279	-0,001	0,010	0,026	FALSE
0,060	0,277	0,004	0,013	0,121	FALSE
0,064	0,287	0,003	0,018	0,055	FALSE
0,018	0,277	-0,001	0,016	0,030	FALSE
0,024	0,268	-0,002	0,016	0,034	FALSE
-0,057	0,283	-0,001	0,013	0,027	FALSE
0,003	0,275	-0,001	0,016	0,032	FALSE
0,023	0,286	0,003	0,014	0,091	FALSE
-0,068	0,276	-0,001	0,010	0,026	FALSE
-0,088	0,278	-0,004	0,013	0,131	FALSE
0,136	0,271	0,003	0,008	0,129	FALSE
0,060	0,275	0,003	0,016	0,060	FALSE
0,091	0,292	0,002	0,017	0,049	FALSE
-0,197	0,273	-0,009	0,011	0,369	FALSE
0,098	0,283	0,003	0,011	0,102	FALSE
0,061	0,285	0,002	0,011	0,084	FALSE
0,064	0,297	0,002	0,016	0,050	FALSE
0,065	0,277	0,002	0,008	0,081	FALSE
0,043	0,267	0,003	0,010	0,122	FALSE
0,203	0,271	0,012	0,017	0,317	FALSE
-0,030	0,291	-0,003	0,017	0,073	FALSE
-0,102	0,275	-0,004	0,015	0,090	FALSE
0,038	0,284	0,001	0,009	0,038	FALSE
-0,107	0,279	-0,004	0,016	0,109	FALSE
0,055	0,275	0,002	0,008	0,080	FALSE
0,014	0,285	0,002	0,016	0,056	FALSE
-0,069	0,269	-0,003	0,009	0,147	FALSE

0,225	0,283	0,009	0,013	0,336	FALSE
0,015	0,286	0,000	0,012	0,002	FALSE
-0,063	0,273	-0,003	0,010	0,114	FALSE
0,067	0,295	0,003	0,009	0,119	FALSE
0,053	0,278	0,002	0,013	0,050	FALSE
-0,001	0,295	0,000	0,009	0,008	FALSE
0,098	0,289	0,005	0,017	0,125	FALSE
-0,017	0,280	0,000	0,009	0,006	FALSE
0,017	0,284	0,003	0,016	0,077	FALSE
-0,091	0,288	-0,005	0,011	0,206	FALSE
-0,060	0,282	-0,004	0,010	0,170	FALSE
-0,057	0,284	-0,004	0,011	0,140	FALSE
-0,003	0,276	0,000	0,008	0,001	FALSE
-0,022	0,297	0,000	0,011	0,008	FALSE
-0,085	0,275	-0,007	0,018	0,161	FALSE
0,165	0,287	0,007	0,015	0,195	FALSE
-0,044	0,287	-0,002	0,015	0,060	FALSE
0,014	0,279	0,001	0,011	0,027	FALSE
0,067	0,280	0,002	0,010	0,096	FALSE
-0,026	0,277	-0,001	0,017	0,012	FALSE
0,101	0,269	0,004	0,010	0,150	FALSE
0,070	0,263	0,003	0,009	0,117	FALSE
-0,017	0,268	-0,001	0,010	0,038	FALSE
0,077	0,278	0,003	0,010	0,110	FALSE
0,113	0,291	0,003	0,013	0,095	FALSE
-0,062	0,281	-0,002	0,018	0,037	FALSE
0,225	0,286	0,007	0,009	0,332	FALSE
0,051	0,276	0,003	0,015	0,067	FALSE
0,136	0,264	0,005	0,009	0,235	FALSE
-0,051	0,289	-0,001	0,014	0,032	FALSE
0,044	0,293	0,001	0,010	0,021	FALSE
-0,142	0,274	-0,007	0,014	0,210	FALSE
0,037	0,283	0,002	0,012	0,048	FALSE
-0,024	0,294	0,001	0,017	0,015	FALSE
-0,020	0,276	0,000	0,016	0,007	FALSE
0,089	0,287	0,003	0,013	0,085	FALSE
-0,028	0,281	0,001	0,013	0,013	FALSE
0,060	0,270	0,005	0,015	0,138	FALSE
0,093	0,282	0,007	0,016	0,176	FALSE
0,012	0,286	0,003	0,016	0,075	FALSE
0,019	0,289	0,000	0,016	0,004	FALSE
-0,057	0,275	-0,003	0,009	0,145	FALSE
0,114	0,267	0,006	0,018	0,129	FALSE
0,130	0,253	0,007	0,018	0,164	FALSE
0,101	0,281	0,003	0,011	0,107	FALSE
0,072	0,293	0,004	0,015	0,101	FALSE
0,194	0,266	0,006	0,010	0,276	FALSE
-0,180	0,275	-0,009	0,014	0,291	FALSE
0,112	0,286	0,006	0,016	0,139	FALSE
-0,026	0,277	0,000	0,011	0,009	FALSE
0,028	0,295	0,002	0,009	0,077	FALSE
0,006	0,290	0,000	0,016	0,005	FALSE
-0,076	0,276	-0,006	0,017	0,134	FALSE

0,025	0,289	0,001	0,010	0,023	FALSE
0,172	0,277	0,007	0,013	0,248	FALSE
0,194	0,281	0,008	0,012	0,288	FALSE
-0,051	0,309	-0,001	0,012	0,032	FALSE
-0,110	0,272	-0,002	0,012	0,054	FALSE
-0,115	0,278	-0,002	0,012	0,049	FALSE
0,118	0,287	0,003	0,009	0,151	FALSE
-0,072	0,280	-0,001	0,009	0,053	FALSE
-0,083	0,306	-0,004	0,016	0,085	FALSE
-0,040	0,286	0,000	0,010	0,005	FALSE
0,156	0,291	0,006	0,014	0,184	FALSE
0,067	0,282	0,001	0,017	0,016	FALSE
0,228	0,281	0,012	0,015	0,377	FALSE
0,205	0,269	0,012	0,014	0,410	FALSE
0,010	0,280	0,000	0,012	0,006	FALSE
-0,143	0,275	-0,008	0,015	0,232	FALSE
-0,003	0,297	0,001	0,014	0,039	FALSE
-0,051	0,262	-0,004	0,015	0,101	FALSE
0,053	0,288	0,000	0,010	0,003	FALSE
0,031	0,270	0,000	0,014	0,006	FALSE
0,240	0,278	0,009	0,013	0,321	FALSE
0,071	0,293	0,002	0,009	0,078	FALSE
-0,035	0,292	0,001	0,009	0,035	FALSE
0,242	0,266	0,010	0,011	0,413	FALSE
0,254	0,278	0,010	0,012	0,392	FALSE
0,288	0,263	0,011	0,011	0,484	FALSE
-0,082	0,288	-0,003	0,015	0,060	FALSE
0,041	0,289	0,002	0,015	0,046	FALSE
-0,078	0,274	-0,003	0,009	0,125	FALSE
-0,052	0,279	-0,003	0,017	0,068	FALSE
0,089	0,281	0,004	0,013	0,123	FALSE
0,098	0,291	0,002	0,010	0,064	FALSE
0,104	0,294	0,007	0,016	0,163	FALSE
-0,136	0,284	-0,010	0,017	0,247	FALSE
0,258	0,265	0,012	0,015	0,360	FALSE
0,104	0,268	0,005	0,017	0,120	FALSE
0,231	0,282	0,013	0,016	0,380	FALSE
-0,081	0,295	-0,001	0,015	0,033	FALSE
0,011	0,279	0,000	0,010	0,010	FALSE
0,012	0,289	0,002	0,011	0,072	FALSE
0,074	0,279	0,005	0,014	0,130	FALSE
-0,185	0,290	-0,006	0,010	0,237	FALSE
-0,048	0,278	-0,003	0,015	0,082	FALSE
-0,001	0,293	0,000	0,017	0,009	FALSE
0,148	0,281	0,006	0,013	0,181	FALSE
-0,039	0,289	0,000	0,016	0,005	FALSE
-0,048	0,285	-0,001	0,012	0,038	FALSE
0,023	0,271	0,000	0,009	0,012	FALSE
-0,005	0,282	-0,001	0,010	0,048	FALSE
0,017	0,281	-0,001	0,010	0,042	FALSE
-0,056	0,292	-0,002	0,009	0,075	FALSE
0,198	0,276	0,011	0,016	0,306	FALSE
0,275	0,278	0,016	0,017	0,488	FALSE

-0,130	0,285	-0,005	0,013	0,161	FALSE
-0,027	0,291	0,001	0,009	0,026	FALSE
-0,149	0,273	-0,006	0,015	0,149	FALSE
-0,253	0,278	-0,010	0,012	0,381	FALSE
-0,255	0,279	-0,009	0,011	0,383	FALSE
-0,016	0,286	-0,002	0,017	0,046	FALSE
-0,090	0,276	-0,003	0,013	0,075	FALSE
0,098	0,261	0,002	0,010	0,062	FALSE
0,015	0,295	0,003	0,017	0,063	FALSE
-0,081	0,274	-0,005	0,012	0,183	FALSE
0,114	0,278	0,006	0,015	0,172	FALSE
0,170	0,282	0,009	0,017	0,216	FALSE
-0,028	0,286	0,001	0,010	0,026	FALSE
-0,041	0,302	-0,001	0,010	0,029	FALSE
-0,127	0,279	-0,007	0,016	0,162	FALSE
-0,057	0,295	-0,002	0,011	0,074	FALSE
0,018	0,282	0,000	0,015	0,003	FALSE
-0,102	0,279	-0,003	0,009	0,125	FALSE
0,028	0,287	0,001	0,009	0,056	FALSE
-0,141	0,296	-0,005	0,010	0,194	FALSE
0,223	0,280	0,013	0,016	0,375	FALSE
0,200	0,271	0,008	0,013	0,274	FALSE
0,113	0,283	0,002	0,009	0,106	FALSE
-0,073	0,282	-0,001	0,009	0,033	FALSE
-0,019	0,275	-0,001	0,014	0,038	FALSE
-0,073	0,298	-0,002	0,009	0,082	FALSE
-0,001	0,290	0,000	0,009	0,009	FALSE
-0,081	0,291	-0,003	0,010	0,122	FALSE
-0,087	0,282	-0,005	0,016	0,127	FALSE
-0,100	0,282	-0,005	0,016	0,115	FALSE
0,062	0,272	0,002	0,017	0,045	FALSE
0,066	0,286	0,002	0,012	0,050	FALSE
0,045	0,286	0,002	0,010	0,062	FALSE
-0,059	0,288	-0,001	0,016	0,024	FALSE
-0,022	0,273	0,000	0,009	0,013	FALSE
0,022	0,294	0,000	0,014	0,009	FALSE
0,044	0,303	0,001	0,014	0,024	FALSE
0,000	0,283	0,002	0,015	0,055	FALSE
-0,140	0,299	-0,004	0,009	0,164	FALSE
0,066	0,303	0,003	0,010	0,130	FALSE
-0,056	0,279	-0,002	0,016	0,040	FALSE
0,161	0,281	0,005	0,011	0,188	FALSE
0,084	0,275	0,003	0,011	0,121	FALSE
0,053	0,275	0,002	0,010	0,090	FALSE
0,087	0,280	0,004	0,011	0,140	FALSE
0,094	0,283	0,007	0,017	0,176	FALSE
0,209	0,266	0,007	0,012	0,238	FALSE
-0,114	0,291	-0,004	0,012	0,129	FALSE
-0,073	0,269	-0,005	0,014	0,133	FALSE
0,036	0,286	0,001	0,018	0,016	FALSE
-0,015	0,287	0,000	0,009	0,016	FALSE
-0,221	0,272	-0,005	0,009	0,265	FALSE
-0,060	0,299	-0,002	0,018	0,037	FALSE

-0,177	0,280	-0,009	0,018	0,221	FALSE
-0,082	0,300	-0,005	0,014	0,132	FALSE
-0,074	0,282	-0,001	0,017	0,021	FALSE
-0,048	0,268	-0,002	0,014	0,048	FALSE
0,086	0,287	0,005	0,010	0,188	FALSE
0,169	0,279	0,008	0,013	0,261	FALSE
0,135	0,293	0,006	0,016	0,147	FALSE
0,110	0,280	0,005	0,016	0,111	FALSE
0,064	0,288	0,003	0,009	0,113	FALSE
-0,017	0,291	0,000	0,012	0,005	FALSE
0,127	0,283	0,006	0,017	0,144	FALSE
0,087	0,281	0,003	0,011	0,105	FALSE
0,140	0,271	0,006	0,012	0,194	FALSE
0,027	0,283	0,001	0,015	0,022	FALSE
-0,190	0,257	-0,007	0,013	0,230	FALSE
-0,034	0,282	-0,001	0,014	0,033	FALSE
-0,075	0,267	-0,004	0,009	0,161	FALSE
0,021	0,292	0,001	0,010	0,024	FALSE
-0,145	0,262	-0,008	0,016	0,202	FALSE
-0,093	0,279	-0,004	0,011	0,147	FALSE
0,122	0,283	0,006	0,013	0,193	FALSE
0,074	0,288	0,003	0,011	0,094	FALSE
0,014	0,276	-0,001	0,011	0,019	FALSE
0,129	0,286	0,006	0,012	0,197	FALSE
0,203	0,276	0,008	0,012	0,273	FALSE
0,018	0,283	0,003	0,017	0,074	FALSE
-0,093	0,282	-0,007	0,017	0,169	FALSE
-0,028	0,294	-0,001	0,009	0,042	FALSE
0,015	0,293	0,003	0,015	0,066	FALSE
0,015	0,286	0,002	0,018	0,051	FALSE
-0,043	0,276	-0,003	0,012	0,099	FALSE
0,175	0,265	0,009	0,012	0,333	FALSE
0,046	0,296	0,002	0,011	0,054	FALSE
-0,032	0,277	0,000	0,009	0,020	FALSE
0,085	0,288	0,003	0,010	0,106	FALSE
-0,005	0,309	0,001	0,010	0,034	FALSE
0,030	0,284	0,001	0,012	0,024	FALSE
0,044	0,268	0,004	0,014	0,097	FALSE
-0,117	0,282	-0,004	0,008	0,188	FALSE
-0,088	0,279	-0,004	0,013	0,126	FALSE
0,128	0,290	0,005	0,010	0,232	FALSE
0,039	0,268	0,002	0,015	0,048	FALSE
-0,095	0,288	-0,005	0,016	0,129	FALSE
-0,152	0,274	-0,010	0,016	0,261	FALSE
0,118	0,277	0,005	0,010	0,211	FALSE
-0,119	0,281	-0,006	0,015	0,170	FALSE
-0,120	0,283	-0,003	0,009	0,155	FALSE
0,074	0,287	0,006	0,017	0,130	FALSE
-0,033	0,281	-0,001	0,016	0,032	FALSE
-0,014	0,276	0,000	0,014	0,005	FALSE
0,104	0,295	0,004	0,010	0,169	FALSE
-0,035	0,285	0,000	0,010	0,012	FALSE
0,036	0,286	0,002	0,010	0,088	FALSE

-0,042	0,286	-0,002	0,017	0,044	FALSE
0,108	0,276	0,005	0,018	0,122	FALSE
-0,053	0,283	-0,005	0,016	0,113	FALSE
0,035	0,282	0,001	0,013	0,043	FALSE
-0,128	0,277	-0,003	0,011	0,120	FALSE
0,007	0,287	0,002	0,011	0,052	FALSE
0,085	0,273	0,005	0,016	0,136	FALSE
0,093	0,284	0,007	0,016	0,167	FALSE
0,078	0,282	0,005	0,016	0,136	FALSE
0,014	0,287	0,001	0,009	0,040	FALSE
-0,100	0,274	-0,003	0,015	0,076	FALSE
0,046	0,286	0,001	0,013	0,017	FALSE
0,074	0,292	0,006	0,012	0,185	FALSE
-0,024	0,295	-0,001	0,010	0,024	FALSE
-0,068	0,275	-0,003	0,010	0,102	FALSE
0,146	0,279	0,008	0,016	0,196	FALSE
0,088	0,289	0,002	0,011	0,070	FALSE
-0,168	0,269	-0,007	0,016	0,193	FALSE
0,010	0,284	0,001	0,012	0,026	FALSE
0,049	0,281	0,002	0,012	0,054	FALSE
0,054	0,300	0,003	0,010	0,132	FALSE
0,304	0,257	0,012	0,011	0,523	FALSE
-0,039	0,295	-0,001	0,010	0,031	FALSE
-0,012	0,285	0,001	0,010	0,022	FALSE
-0,018	0,272	0,001	0,015	0,014	FALSE
0,066	0,292	0,002	0,009	0,066	FALSE
0,099	0,296	0,004	0,010	0,164	FALSE
0,088	0,271	0,002	0,011	0,075	FALSE
0,118	0,286	0,002	0,009	0,089	FALSE
0,055	0,286	0,001	0,019	0,022	FALSE
0,052	0,281	0,003	0,010	0,116	FALSE
-0,121	0,287	-0,008	0,017	0,206	FALSE
-0,212	0,269	-0,011	0,017	0,306	FALSE
-0,082	0,266	-0,006	0,016	0,145	FALSE
0,055	0,289	0,002	0,009	0,081	FALSE
0,232	0,265	0,010	0,012	0,361	FALSE
0,020	0,281	0,001	0,014	0,021	FALSE
-0,213	0,296	-0,007	0,009	0,326	FALSE
0,090	0,276	0,004	0,010	0,161	FALSE
-0,248	0,271	-0,010	0,014	0,319	FALSE
0,024	0,275	0,000	0,009	0,002	FALSE
-0,044	0,280	0,000	0,010	0,011	FALSE
-0,023	0,284	-0,001	0,009	0,036	FALSE
0,147	0,279	0,007	0,016	0,181	FALSE
-0,110	0,270	-0,005	0,014	0,137	FALSE
-0,141	0,274	-0,003	0,008	0,157	FALSE
0,125	0,275	0,004	0,011	0,154	FALSE
0,180	0,268	0,006	0,010	0,255	FALSE
0,179	0,266	0,007	0,017	0,170	FALSE
0,043	0,294	0,004	0,017	0,077	FALSE
-0,023	0,281	-0,001	0,014	0,026	FALSE
0,124	0,270	0,006	0,016	0,138	FALSE
0,184	0,272	0,006	0,012	0,224	FALSE

-0,166	0,269	-0,005	0,010	0,203	FALSE
-0,012	0,273	0,000	0,010	0,014	FALSE
-0,048	0,282	-0,002	0,010	0,071	FALSE
-0,052	0,286	-0,004	0,016	0,095	FALSE
0,083	0,281	0,004	0,011	0,141	FALSE
0,013	0,292	0,002	0,014	0,060	FALSE
-0,016	0,292	-0,002	0,018	0,032	FALSE
-0,025	0,289	-0,001	0,010	0,027	FALSE
-0,007	0,294	0,000	0,010	0,004	FALSE
-0,025	0,281	0,000	0,014	0,001	FALSE
0,113	0,299	0,002	0,009	0,079	FALSE
-0,149	0,281	-0,012	0,018	0,294	FALSE
0,093	0,289	0,003	0,009	0,108	FALSE
-0,149	0,277	-0,011	0,017	0,279	FALSE
0,064	0,282	0,004	0,014	0,099	FALSE
-0,051	0,278	0,001	0,011	0,023	FALSE
-0,268	0,270	-0,015	0,017	0,423	FALSE
0,141	0,264	0,006	0,014	0,188	FALSE
0,174	0,266	0,005	0,011	0,195	FALSE
0,107	0,295	0,004	0,011	0,132	FALSE
-0,170	0,262	-0,008	0,016	0,194	FALSE
0,067	0,285	0,003	0,013	0,094	FALSE
0,047	0,284	0,001	0,017	0,028	FALSE
0,091	0,285	0,002	0,011	0,082	FALSE
0,020	0,289	-0,001	0,014	0,033	FALSE
0,068	0,282	0,004	0,015	0,101	FALSE
0,061	0,274	0,002	0,016	0,045	FALSE
-0,158	0,272	-0,008	0,014	0,255	FALSE
-0,291	0,268	-0,016	0,016	0,481	FALSE
0,020	0,288	0,000	0,009	0,003	FALSE
-0,031	0,275	-0,002	0,010	0,057	FALSE
0,077	0,284	0,003	0,011	0,103	FALSE
0,097	0,267	0,005	0,017	0,106	FALSE
0,006	0,274	0,000	0,009	0,017	FALSE
-0,064	0,291	-0,001	0,017	0,017	FALSE
0,014	0,284	0,003	0,017	0,068	FALSE
-0,011	0,291	0,000	0,012	0,005	FALSE
-0,143	0,282	-0,005	0,013	0,153	FALSE
0,098	0,285	0,003	0,014	0,095	FALSE
0,117	0,295	0,005	0,010	0,213	FALSE
0,053	0,296	0,000	0,018	0,000	FALSE
-0,088	0,280	-0,003	0,009	0,142	FALSE
0,039	0,276	0,004	0,012	0,129	FALSE
0,022	0,287	0,003	0,013	0,094	FALSE
-0,002	0,290	0,002	0,009	0,069	FALSE
-0,148	0,280	-0,004	0,013	0,128	FALSE
-0,118	0,294	-0,002	0,012	0,072	FALSE
-0,117	0,282	-0,003	0,012	0,082	FALSE
-0,089	0,290	-0,001	0,012	0,041	FALSE
-0,052	0,292	0,000	0,011	0,001	FALSE
0,094	0,293	0,004	0,010	0,165	FALSE
0,033	0,262	0,000	0,011	0,008	FALSE
-0,140	0,274	-0,007	0,016	0,174	FALSE

0,131	0,270	0,008	0,016	0,201	FALSE
-0,119	0,287	-0,007	0,017	0,164	FALSE
0,061	0,283	0,007	0,016	0,183	FALSE
-0,015	0,285	0,003	0,016	0,060	FALSE
0,005	0,288	0,004	0,017	0,080	FALSE
-0,093	0,280	-0,003	0,016	0,074	FALSE
-0,064	0,292	-0,001	0,011	0,047	FALSE
-0,014	0,294	0,000	0,017	0,010	FALSE
-0,194	0,273	-0,007	0,009	0,328	FALSE
0,075	0,279	0,004	0,015	0,105	FALSE
-0,094	0,290	-0,003	0,012	0,093	FALSE
-0,050	0,281	-0,003	0,011	0,114	FALSE
-0,015	0,282	-0,002	0,012	0,070	FALSE
-0,135	0,299	-0,003	0,009	0,113	FALSE
0,030	0,286	0,002	0,015	0,050	FALSE
-0,031	0,277	-0,002	0,009	0,065	FALSE
-0,034	0,275	0,001	0,008	0,051	FALSE
0,098	0,284	0,004	0,011	0,136	FALSE
0,032	0,289	0,001	0,010	0,044	FALSE
0,064	0,296	0,002	0,009	0,067	FALSE
-0,122	0,292	-0,006	0,015	0,158	FALSE
0,026	0,291	0,001	0,013	0,024	FALSE
0,140	0,285	0,005	0,011	0,210	FALSE
-0,060	0,295	-0,003	0,018	0,057	FALSE
0,020	0,288	0,000	0,015	0,000	FALSE
-0,071	0,296	-0,005	0,017	0,118	FALSE
-0,121	0,277	-0,005	0,017	0,125	FALSE
-0,151	0,293	-0,004	0,010	0,149	FALSE
0,089	0,280	0,002	0,017	0,033	FALSE
0,035	0,294	0,001	0,009	0,050	FALSE
0,027	0,288	0,001	0,017	0,021	FALSE
0,049	0,283	0,001	0,012	0,028	FALSE
-0,050	0,288	-0,001	0,009	0,037	FALSE
0,052	0,287	0,002	0,012	0,047	FALSE
-0,117	0,272	-0,002	0,009	0,092	FALSE
-0,065	0,271	-0,004	0,017	0,091	FALSE
-0,097	0,292	-0,003	0,012	0,084	FALSE
-0,086	0,268	-0,005	0,011	0,199	FALSE
-0,111	0,281	-0,005	0,015	0,147	FALSE
-0,229	0,274	-0,008	0,011	0,361	FALSE
0,043	0,299	0,002	0,015	0,037	FALSE
0,101	0,269	0,007	0,017	0,155	FALSE
-0,108	0,290	-0,003	0,011	0,114	FALSE
0,029	0,293	0,000	0,011	0,016	FALSE
-0,063	0,289	-0,003	0,017	0,062	FALSE
-0,035	0,268	0,000	0,011	0,011	FALSE
0,011	0,293	0,001	0,017	0,021	FALSE
-0,018	0,291	-0,001	0,016	0,024	FALSE
0,125	0,271	0,004	0,011	0,161	FALSE
-0,029	0,276	-0,001	0,012	0,021	FALSE
-0,009	0,275	-0,001	0,018	0,014	FALSE
0,250	0,278	0,009	0,012	0,365	FALSE
0,070	0,273	0,002	0,011	0,067	FALSE

-0,152	0,282	-0,005	0,010	0,198	FALSE
-0,089	0,283	-0,002	0,009	0,084	FALSE
-0,083	0,289	-0,003	0,014	0,088	FALSE
-0,065	0,276	-0,003	0,012	0,090	FALSE
-0,048	0,296	-0,001	0,014	0,035	FALSE
-0,002	0,294	-0,001	0,010	0,035	FALSE
-0,015	0,287	0,000	0,015	0,007	FALSE
-0,076	0,280	-0,003	0,011	0,100	FALSE
-0,135	0,268	-0,007	0,015	0,183	FALSE
-0,156	0,291	-0,008	0,011	0,305	FALSE
0,056	0,293	0,001	0,018	0,029	FALSE
0,085	0,271	0,003	0,009	0,118	FALSE
-0,055	0,279	-0,005	0,017	0,115	FALSE
-0,036	0,271	-0,003	0,017	0,077	FALSE
-0,034	0,270	-0,004	0,017	0,095	FALSE
-0,009	0,283	-0,003	0,015	0,081	FALSE
0,194	0,262	0,006	0,008	0,312	FALSE
0,066	0,278	0,006	0,017	0,149	FALSE
-0,042	0,279	-0,002	0,009	0,083	FALSE
0,039	0,290	0,001	0,015	0,024	FALSE
0,070	0,285	0,002	0,016	0,042	FALSE
-0,048	0,294	-0,002	0,016	0,040	FALSE
-0,105	0,285	-0,002	0,011	0,081	FALSE
-0,221	0,284	-0,006	0,010	0,275	FALSE
-0,043	0,295	-0,001	0,017	0,024	FALSE
0,046	0,293	0,003	0,014	0,071	FALSE
0,039	0,287	0,001	0,013	0,036	FALSE
-0,057	0,290	-0,003	0,015	0,063	FALSE
0,002	0,290	-0,001	0,011	0,019	FALSE
-0,103	0,294	-0,003	0,010	0,100	FALSE
-0,145	0,282	-0,006	0,012	0,185	FALSE
0,065	0,293	0,005	0,017	0,119	FALSE
-0,227	0,269	-0,007	0,010	0,300	FALSE
0,001	0,287	-0,001	0,014	0,027	FALSE
-0,190	0,263	-0,011	0,017	0,288	FALSE
0,012	0,285	-0,001	0,009	0,025	FALSE
-0,184	0,274	-0,008	0,015	0,207	FALSE
0,157	0,275	0,004	0,009	0,198	FALSE
0,044	0,295	0,001	0,010	0,033	FALSE
-0,112	0,282	-0,007	0,017	0,161	FALSE
-0,001	0,281	-0,001	0,009	0,021	FALSE
0,074	0,288	0,002	0,012	0,053	FALSE
-0,161	0,282	-0,009	0,017	0,211	FALSE
-0,026	0,297	-0,002	0,013	0,046	FALSE
-0,152	0,285	-0,005	0,012	0,148	FALSE
-0,099	0,290	-0,003	0,013	0,102	FALSE
-0,038	0,282	0,000	0,010	0,006	FALSE
-0,015	0,281	-0,003	0,016	0,065	FALSE
0,011	0,271	0,000	0,011	0,001	FALSE
-0,054	0,295	-0,002	0,010	0,069	FALSE
-0,085	0,289	-0,004	0,009	0,170	FALSE
-0,057	0,291	-0,003	0,009	0,124	FALSE
-0,122	0,274	-0,006	0,016	0,159	FALSE

-0,005	0,288	-0,002	0,018	0,032	FALSE
0,006	0,265	-0,002	0,017	0,041	FALSE
0,166	0,283	0,010	0,017	0,259	FALSE
0,148	0,264	0,009	0,012	0,332	FALSE
0,041	0,290	0,001	0,014	0,036	FALSE
0,000	0,289	0,000	0,009	0,001	FALSE
0,002	0,279	-0,001	0,011	0,027	FALSE
0,085	0,296	0,003	0,015	0,080	FALSE
-0,065	0,297	-0,004	0,012	0,110	FALSE
-0,066	0,277	-0,001	0,014	0,037	FALSE
0,209	0,266	0,005	0,008	0,261	FALSE
-0,009	0,283	0,000	0,011	0,009	FALSE
-0,029	0,268	-0,002	0,010	0,062	FALSE
-0,224	0,283	-0,008	0,012	0,277	FALSE
0,050	0,287	0,001	0,015	0,029	FALSE
0,097	0,295	0,004	0,013	0,111	FALSE
0,127	0,279	0,006	0,015	0,171	FALSE
-0,030	0,292	-0,001	0,010	0,021	FALSE
0,158	0,263	0,010	0,017	0,254	FALSE
-0,051	0,295	-0,003	0,014	0,082	FALSE
0,084	0,297	0,004	0,014	0,117	FALSE
-0,005	0,298	-0,003	0,018	0,053	FALSE
-0,141	0,270	-0,005	0,010	0,213	FALSE
-0,029	0,271	-0,001	0,010	0,032	FALSE
-0,291	0,260	-0,017	0,017	0,497	FALSE
0,060	0,279	0,002	0,014	0,042	FALSE
0,181	0,282	0,008	0,013	0,245	FALSE
-0,055	0,293	-0,004	0,017	0,099	FALSE
-0,212	0,279	-0,007	0,011	0,262	FALSE
0,092	0,284	0,006	0,017	0,150	FALSE
-0,260	0,263	-0,012	0,012	0,500	FALSE
-0,018	0,279	0,001	0,017	0,017	FALSE
-0,086	0,289	-0,004	0,014	0,102	FALSE
-0,081	0,274	-0,004	0,015	0,088	FALSE
-0,053	0,286	-0,003	0,014	0,090	FALSE
0,065	0,281	0,007	0,016	0,169	FALSE
-0,021	0,279	-0,002	0,017	0,046	FALSE
0,120	0,291	0,003	0,009	0,123	FALSE
-0,026	0,280	-0,001	0,010	0,047	FALSE
0,218	0,277	0,012	0,017	0,315	FALSE
0,005	0,260	0,000	0,015	0,001	FALSE
0,099	0,276	0,002	0,010	0,091	FALSE
0,019	0,293	0,001	0,011	0,052	FALSE
0,015	0,281	0,000	0,012	0,011	FALSE
-0,096	0,287	-0,003	0,013	0,096	FALSE
0,023	0,295	0,002	0,012	0,053	FALSE
-0,097	0,283	-0,003	0,014	0,076	FALSE
-0,098	0,286	-0,003	0,010	0,102	FALSE
0,040	0,282	0,000	0,013	0,003	FALSE
0,041	0,288	0,001	0,012	0,045	FALSE
-0,014	0,279	0,000	0,009	0,006	FALSE
0,088	0,283	0,003	0,008	0,139	FALSE
0,052	0,285	0,004	0,015	0,111	FALSE

0,040	0,293	0,002	0,015	0,061	FALSE
0,072	0,290	0,004	0,016	0,098	FALSE
0,118	0,268	0,004	0,009	0,181	FALSE
-0,251	0,270	-0,013	0,014	0,434	FALSE
-0,198	0,292	-0,010	0,017	0,248	FALSE
-0,184	0,284	-0,006	0,012	0,214	FALSE
0,125	0,284	0,004	0,012	0,127	FALSE
-0,047	0,284	0,000	0,010	0,003	FALSE
0,005	0,282	0,000	0,009	0,016	FALSE
0,076	0,296	0,004	0,014	0,116	FALSE
-0,132	0,278	-0,006	0,015	0,172	FALSE
0,019	0,275	-0,002	0,013	0,072	FALSE
0,116	0,284	0,008	0,017	0,195	FALSE
-0,097	0,279	-0,003	0,014	0,072	FALSE
-0,191	0,288	-0,006	0,012	0,218	FALSE
0,053	0,278	0,001	0,014	0,028	FALSE
0,038	0,284	0,000	0,011	0,002	FALSE
0,022	0,286	0,002	0,013	0,059	FALSE
-0,149	0,281	-0,006	0,016	0,146	FALSE
-0,192	0,276	-0,010	0,014	0,299	FALSE
-0,103	0,285	-0,004	0,015	0,105	FALSE
-0,185	0,274	-0,006	0,010	0,248	FALSE
-0,142	0,287	-0,008	0,016	0,201	FALSE
0,011	0,287	-0,001	0,011	0,031	FALSE
0,003	0,285	0,000	0,015	0,007	FALSE
-0,288	0,251	-0,016	0,014	0,572	FALSE
0,097	0,279	0,005	0,010	0,183	FALSE
0,152	0,264	0,003	0,008	0,162	FALSE
0,011	0,280	0,000	0,012	0,004	FALSE
-0,007	0,288	-0,001	0,013	0,018	FALSE
0,055	0,283	0,000	0,014	0,004	FALSE
-0,033	0,293	-0,002	0,010	0,057	FALSE
0,110	0,289	0,004	0,016	0,110	FALSE
0,106	0,280	0,006	0,014	0,161	FALSE
0,046	0,282	0,002	0,017	0,054	FALSE
0,067	0,276	0,003	0,013	0,097	FALSE
-0,074	0,289	-0,002	0,011	0,055	FALSE
-0,081	0,286	-0,002	0,011	0,064	FALSE
-0,080	0,283	-0,002	0,011	0,070	FALSE
0,071	0,284	0,004	0,013	0,126	FALSE
0,009	0,271	-0,002	0,013	0,041	FALSE
-0,009	0,276	-0,002	0,013	0,067	FALSE
-0,045	0,287	-0,003	0,017	0,074	FALSE
-0,031	0,301	-0,002	0,013	0,058	FALSE
0,171	0,277	0,009	0,016	0,238	FALSE
0,203	0,265	0,011	0,015	0,336	FALSE
-0,161	0,281	-0,006	0,011	0,201	FALSE
0,075	0,279	0,002	0,009	0,075	FALSE
0,007	0,275	0,000	0,011	0,002	FALSE
0,016	0,280	-0,002	0,011	0,077	FALSE
0,001	0,291	0,000	0,012	0,005	FALSE
0,068	0,298	0,001	0,011	0,035	FALSE
-0,170	0,272	-0,011	0,016	0,303	FALSE

-0,055	0,282	-0,003	0,011	0,096	FALSE
-0,076	0,277	-0,002	0,012	0,059	FALSE
0,197	0,266	0,009	0,011	0,378	FALSE
0,081	0,290	0,005	0,013	0,144	FALSE
0,057	0,283	0,001	0,011	0,040	FALSE
0,019	0,277	0,000	0,017	0,005	FALSE
-0,116	0,277	-0,003	0,009	0,149	FALSE
-0,014	0,304	-0,002	0,010	0,058	FALSE
-0,209	0,282	-0,006	0,010	0,274	FALSE
-0,111	0,284	-0,004	0,016	0,085	FALSE
0,199	0,254	0,005	0,009	0,235	FALSE
0,044	0,293	0,003	0,010	0,117	FALSE
-0,042	0,276	-0,002	0,014	0,040	FALSE
-0,009	0,290	-0,002	0,014	0,042	FALSE
0,143	0,275	0,005	0,010	0,227	FALSE
0,136	0,283	0,004	0,010	0,144	FALSE
0,001	0,287	-0,001	0,015	0,027	FALSE
-0,045	0,281	-0,002	0,010	0,068	FALSE
-0,016	0,280	0,000	0,016	0,001	FALSE
-0,003	0,261	-0,002	0,016	0,036	FALSE
-0,027	0,282	0,000	0,012	0,002	FALSE
-0,022	0,277	0,003	0,017	0,064	FALSE
-0,152	0,283	-0,004	0,010	0,145	FALSE
-0,100	0,312	-0,003	0,011	0,113	FALSE
-0,031	0,285	-0,001	0,014	0,027	FALSE
0,008	0,278	0,000	0,017	0,007	FALSE
0,046	0,278	0,002	0,017	0,035	FALSE
0,040	0,279	0,001	0,013	0,032	FALSE
0,083	0,284	0,004	0,011	0,140	FALSE
-0,006	0,279	-0,002	0,013	0,057	FALSE
0,022	0,286	-0,001	0,013	0,029	FALSE
0,066	0,300	0,002	0,016	0,046	FALSE
-0,150	0,288	-0,004	0,009	0,208	FALSE
0,013	0,282	0,001	0,009	0,027	FALSE
0,014	0,302	0,002	0,017	0,039	FALSE
0,052	0,282	0,001	0,009	0,051	FALSE
-0,123	0,300	-0,003	0,010	0,113	FALSE
0,143	0,286	0,005	0,014	0,148	FALSE
0,059	0,292	0,003	0,014	0,094	FALSE
-0,004	0,295	-0,001	0,013	0,037	FALSE
0,013	0,296	0,001	0,016	0,016	FALSE
0,028	0,284	0,001	0,014	0,013	FALSE
-0,056	0,293	-0,002	0,016	0,040	FALSE
0,031	0,276	0,000	0,013	0,001	FALSE
0,043	0,291	0,002	0,016	0,057	FALSE
0,165	0,267	0,004	0,008	0,228	FALSE
-0,073	0,283	-0,005	0,013	0,139	FALSE
-0,124	0,287	-0,003	0,009	0,117	FALSE
0,154	0,266	0,005	0,009	0,214	FALSE
0,117	0,285	0,005	0,010	0,193	FALSE
-0,122	0,289	-0,003	0,010	0,110	FALSE
0,018	0,288	0,001	0,017	0,016	FALSE
-0,004	0,300	-0,001	0,017	0,023	FALSE

0,061	0,300	0,001	0,010	0,048	FALSE
0,013	0,280	0,002	0,014	0,064	FALSE
-0,003	0,291	0,000	0,010	0,006	FALSE
0,020	0,279	0,000	0,009	0,017	FALSE
0,051	0,289	0,002	0,016	0,050	FALSE
-0,098	0,279	-0,004	0,009	0,173	FALSE
0,063	0,270	0,006	0,016	0,161	FALSE
0,064	0,282	0,006	0,017	0,151	FALSE
-0,075	0,288	-0,003	0,014	0,067	FALSE
0,174	0,274	0,010	0,014	0,321	FALSE
-0,028	0,286	-0,002	0,010	0,057	FALSE
-0,058	0,284	0,000	0,010	0,017	FALSE
0,077	0,285	0,005	0,017	0,103	FALSE
-0,073	0,281	-0,005	0,017	0,111	FALSE
0,032	0,280	-0,001	0,013	0,027	FALSE
0,220	0,290	0,010	0,013	0,348	FALSE
-0,055	0,296	-0,002	0,012	0,061	FALSE
-0,022	0,295	-0,002	0,016	0,039	FALSE
0,034	0,292	0,001	0,015	0,031	FALSE
0,047	0,292	0,002	0,015	0,057	FALSE
-0,071	0,290	-0,004	0,016	0,084	FALSE
0,000	0,287	-0,001	0,009	0,035	FALSE
-0,003	0,306	-0,002	0,018	0,050	FALSE
0,004	0,290	-0,002	0,017	0,043	FALSE
0,032	0,278	0,002	0,016	0,039	FALSE
0,169	0,280	0,005	0,010	0,217	FALSE
0,023	0,291	-0,002	0,017	0,039	FALSE
0,006	0,277	-0,004	0,016	0,088	FALSE
0,046	0,277	0,004	0,016	0,084	FALSE
-0,015	0,279	-0,004	0,015	0,095	FALSE
0,044	0,269	0,000	0,017	0,008	FALSE
-0,058	0,292	-0,001	0,011	0,031	FALSE
-0,056	0,294	-0,002	0,010	0,071	FALSE
0,108	0,272	0,005	0,014	0,135	FALSE
-0,029	0,290	-0,001	0,009	0,028	FALSE
0,090	0,259	0,001	0,016	0,024	FALSE
-0,006	0,280	0,001	0,009	0,053	FALSE
-0,088	0,276	-0,003	0,014	0,087	FALSE
0,148	0,275	0,004	0,009	0,194	FALSE
-0,123	0,272	-0,003	0,012	0,096	FALSE
0,090	0,280	0,003	0,012	0,099	FALSE
0,081	0,289	0,002	0,013	0,062	FALSE
-0,007	0,291	0,000	0,015	0,006	FALSE
-0,297	0,272	-0,012	0,011	0,550	FALSE
-0,039	0,275	-0,001	0,009	0,032	FALSE
-0,277	0,267	-0,010	0,010	0,478	FALSE
-0,064	0,298	-0,006	0,017	0,130	FALSE
0,120	0,293	0,005	0,016	0,120	FALSE
0,159	0,287	0,007	0,015	0,203	FALSE
-0,067	0,284	-0,005	0,016	0,118	FALSE
0,217	0,265	0,006	0,009	0,327	FALSE
0,165	0,265	0,008	0,013	0,270	FALSE
0,112	0,279	0,007	0,015	0,201	FALSE

0,051	0,270	0,003	0,011	0,099	FALSE
0,198	0,283	0,010	0,014	0,328	FALSE
-0,127	0,287	-0,006	0,012	0,208	FALSE
-0,093	0,276	-0,007	0,017	0,175	FALSE
0,015	0,292	0,000	0,017	0,007	FALSE
0,033	0,295	0,003	0,014	0,078	FALSE
-0,049	0,283	-0,004	0,018	0,083	FALSE
0,020	0,293	0,000	0,017	0,001	FALSE
-0,053	0,284	-0,004	0,017	0,096	FALSE
0,072	0,302	0,002	0,015	0,042	FALSE
0,121	0,281	0,005	0,013	0,157	FALSE
-0,052	0,277	-0,003	0,009	0,115	FALSE
0,121	0,262	0,004	0,010	0,177	FALSE
-0,046	0,279	-0,002	0,013	0,051	FALSE
-0,050	0,292	-0,002	0,014	0,049	FALSE
0,138	0,277	0,005	0,013	0,146	FALSE
0,036	0,293	0,001	0,011	0,024	FALSE
-0,021	0,288	-0,001	0,011	0,018	FALSE
0,046	0,272	0,000	0,014	0,011	FALSE
-0,144	0,285	-0,004	0,009	0,157	FALSE
-0,065	0,286	-0,003	0,010	0,117	FALSE
-0,019	0,293	-0,003	0,016	0,071	FALSE
-0,082	0,278	-0,003	0,010	0,094	FALSE
-0,016	0,253	-0,002	0,016	0,054	FALSE
0,024	0,281	0,000	0,015	0,010	FALSE
-0,057	0,292	-0,003	0,012	0,080	FALSE
0,011	0,281	-0,001	0,018	0,023	FALSE
-0,030	0,277	-0,003	0,017	0,067	FALSE
-0,021	0,292	0,000	0,009	0,016	FALSE
-0,036	0,277	-0,002	0,010	0,068	FALSE
-0,047	0,276	0,000	0,009	0,002	FALSE
0,251	0,276	0,016	0,018	0,418	FALSE
-0,198	0,275	-0,012	0,016	0,337	FALSE
-0,126	0,282	-0,005	0,011	0,199	FALSE
-0,143	0,266	-0,008	0,013	0,297	FALSE
-0,151	0,266	-0,008	0,013	0,289	FALSE
0,118	0,283	0,009	0,017	0,229	FALSE
-0,111	0,281	-0,010	0,018	0,242	FALSE
-0,176	0,287	-0,014	0,018	0,363	FALSE
0,066	0,278	-0,001	0,018	0,015	FALSE
-0,172	0,290	-0,007	0,011	0,263	FALSE
-0,057	0,296	-0,002	0,012	0,070	FALSE
-0,108	0,290	-0,002	0,009	0,088	FALSE
-0,096	0,273	-0,004	0,012	0,144	FALSE
0,178	0,277	0,008	0,017	0,201	FALSE
-0,018	0,297	0,002	0,011	0,054	FALSE
-0,102	0,285	-0,004	0,014	0,125	FALSE
0,111	0,287	0,004	0,011	0,151	FALSE
-0,147	0,285	-0,004	0,010	0,162	FALSE
0,000	0,271	-0,002	0,012	0,054	FALSE
-0,009	0,276	-0,002	0,012	0,070	FALSE
-0,118	0,250	-0,007	0,016	0,171	FALSE
0,189	0,273	0,010	0,017	0,248	FALSE

0,211	0,267	0,011	0,017	0,291	FALSE
-0,222	0,271	-0,013	0,015	0,433	FALSE
-0,199	0,263	-0,011	0,014	0,383	FALSE
-0,068	0,270	-0,002	0,016	0,050	FALSE
-0,259	0,275	-0,010	0,012	0,391	FALSE
0,010	0,287	0,001	0,009	0,043	FALSE
-0,065	0,272	-0,003	0,013	0,092	FALSE
-0,123	0,273	-0,005	0,014	0,152	FALSE
-0,051	0,274	-0,004	0,009	0,165	FALSE
-0,058	0,282	-0,002	0,010	0,053	FALSE
0,085	0,281	0,003	0,014	0,068	FALSE
-0,019	0,272	0,000	0,012	0,003	FALSE
0,128	0,256	0,005	0,012	0,159	FALSE
0,123	0,277	0,005	0,012	0,179	FALSE
0,061	0,282	0,002	0,012	0,058	FALSE
-0,116	0,288	-0,003	0,010	0,133	FALSE
-0,075	0,283	-0,002	0,009	0,081	FALSE
-0,113	0,284	-0,004	0,010	0,145	FALSE
-0,120	0,275	-0,006	0,012	0,204	FALSE
-0,051	0,284	-0,002	0,013	0,062	FALSE
0,008	0,285	0,004	0,016	0,089	FALSE
-0,089	0,283	-0,003	0,009	0,139	FALSE
-0,050	0,285	0,000	0,011	0,016	FALSE
0,070	0,273	0,004	0,014	0,122	FALSE
-0,086	0,264	-0,003	0,011	0,093	FALSE
-0,111	0,286	-0,003	0,010	0,134	FALSE
-0,071	0,298	-0,001	0,011	0,037	FALSE
-0,085	0,291	-0,003	0,015	0,090	FALSE
-0,028	0,280	-0,001	0,014	0,020	FALSE
-0,132	0,270	-0,007	0,014	0,192	FALSE
0,120	0,281	0,009	0,016	0,224	FALSE
0,058	0,279	0,001	0,009	0,042	FALSE
0,046	0,289	0,002	0,017	0,052	FALSE
-0,182	0,268	-0,012	0,016	0,339	FALSE
0,061	0,286	0,002	0,008	0,094	FALSE
0,137	0,281	0,008	0,017	0,199	FALSE
-0,144	0,274	-0,006	0,010	0,233	FALSE
0,050	0,281	0,002	0,010	0,084	FALSE
0,091	0,283	0,001	0,009	0,058	FALSE
0,118	0,281	0,006	0,013	0,205	FALSE
0,041	0,284	0,002	0,016	0,040	FALSE
-0,052	0,284	-0,001	0,010	0,024	FALSE
0,061	0,274	0,003	0,015	0,077	FALSE
-0,204	0,291	-0,007	0,011	0,290	FALSE
-0,083	0,295	-0,003	0,011	0,115	FALSE
0,010	0,289	0,000	0,012	0,005	FALSE
0,124	0,269	0,005	0,012	0,166	FALSE
0,148	0,270	0,008	0,014	0,243	FALSE
-0,171	0,273	-0,007	0,010	0,322	FALSE
0,138	0,276	0,007	0,015	0,198	FALSE
-0,063	0,282	-0,001	0,009	0,046	FALSE
0,029	0,284	0,002	0,017	0,044	FALSE
0,111	0,273	0,003	0,015	0,077	FALSE

0,032	0,294	0,001	0,017	0,014	FALSE
-0,113	0,272	-0,003	0,009	0,126	FALSE
0,004	0,275	-0,001	0,009	0,028	FALSE
0,130	0,295	0,004	0,017	0,098	FALSE
0,113	0,289	0,005	0,016	0,111	FALSE
-0,139	0,289	-0,002	0,011	0,075	FALSE
-0,009	0,277	0,000	0,010	0,014	FALSE
-0,095	0,262	-0,003	0,012	0,110	FALSE
0,067	0,278	0,002	0,009	0,088	FALSE
0,059	0,276	0,003	0,013	0,097	FALSE
-0,131	0,277	-0,005	0,010	0,186	FALSE
0,108	0,283	0,004	0,014	0,126	FALSE
0,016	0,294	0,002	0,012	0,073	FALSE
0,043	0,277	0,002	0,012	0,078	FALSE
-0,002	0,281	0,000	0,009	0,014	FALSE
-0,075	0,286	-0,003	0,010	0,104	FALSE
-0,176	0,284	-0,009	0,015	0,282	FALSE
-0,169	0,280	-0,004	0,009	0,206	FALSE
-0,011	0,286	0,001	0,014	0,033	FALSE
0,128	0,263	0,010	0,017	0,255	FALSE
-0,024	0,281	0,000	0,012	0,014	FALSE
-0,161	0,274	-0,007	0,011	0,279	FALSE
-0,155	0,276	-0,007	0,012	0,266	FALSE
0,091	0,278	0,005	0,017	0,124	FALSE
0,033	0,292	0,000	0,015	0,005	FALSE
-0,213	0,277	-0,008	0,012	0,309	FALSE
-0,019	0,283	-0,001	0,009	0,037	FALSE
0,195	0,265	0,010	0,013	0,356	FALSE
0,119	0,289	0,004	0,010	0,174	FALSE
-0,031	0,282	-0,001	0,008	0,027	FALSE
0,006	0,297	-0,001	0,010	0,020	FALSE
-0,240	0,273	-0,010	0,013	0,354	FALSE
-0,025	0,278	0,001	0,016	0,028	FALSE
0,009	0,270	0,003	0,016	0,080	FALSE
-0,124	0,251	-0,010	0,015	0,277	FALSE
-0,029	0,289	-0,001	0,010	0,027	FALSE
0,071	0,282	0,003	0,012	0,089	FALSE
-0,048	0,277	-0,002	0,016	0,035	FALSE
-0,085	0,277	-0,002	0,011	0,078	FALSE
-0,067	0,289	-0,002	0,009	0,095	FALSE
0,078	0,255	0,008	0,017	0,184	FALSE
0,089	0,265	0,010	0,018	0,238	FALSE
-0,054	0,290	-0,001	0,013	0,014	FALSE
0,035	0,269	0,001	0,017	0,031	FALSE
-0,068	0,306	-0,003	0,015	0,076	FALSE
0,018	0,282	0,003	0,017	0,055	FALSE
-0,184	0,287	-0,006	0,010	0,251	FALSE
-0,099	0,294	-0,001	0,012	0,034	FALSE
0,067	0,284	0,003	0,009	0,123	FALSE
-0,034	0,281	-0,004	0,017	0,077	FALSE
-0,209	0,279	-0,005	0,009	0,254	FALSE
-0,053	0,295	-0,001	0,009	0,044	FALSE
0,113	0,294	0,006	0,018	0,125	FALSE

0,056	0,273	0,002	0,011	0,052	FALSE
0,136	0,284	0,007	0,016	0,192	FALSE
-0,180	0,288	-0,010	0,013	0,329	FALSE
-0,194	0,272	-0,010	0,016	0,300	FALSE
0,075	0,292	0,003	0,013	0,075	FALSE
0,094	0,289	0,004	0,013	0,111	FALSE
0,036	0,284	0,001	0,010	0,038	FALSE
0,087	0,290	0,003	0,013	0,093	FALSE
0,227	0,277	0,006	0,009	0,274	FALSE
-0,079	0,287	-0,005	0,017	0,110	FALSE
-0,030	0,284	-0,002	0,012	0,052	FALSE
0,047	0,286	0,001	0,017	0,015	FALSE
-0,063	0,285	-0,001	0,011	0,022	FALSE
-0,069	0,280	-0,001	0,011	0,043	FALSE
0,050	0,282	0,001	0,010	0,025	FALSE
-0,094	0,268	-0,006	0,014	0,162	FALSE
0,074	0,299	0,002	0,018	0,051	FALSE
0,030	0,286	0,001	0,010	0,049	FALSE
-0,022	0,282	-0,001	0,010	0,044	FALSE
0,008	0,282	0,001	0,016	0,017	FALSE
-0,199	0,284	-0,006	0,010	0,282	FALSE
-0,162	0,273	-0,006	0,015	0,157	FALSE
-0,048	0,280	-0,001	0,016	0,025	FALSE
-0,078	0,284	-0,003	0,015	0,067	FALSE
-0,109	0,281	-0,003	0,014	0,092	FALSE
0,097	0,281	0,004	0,014	0,100	FALSE
0,105	0,286	0,004	0,014	0,107	FALSE
-0,045	0,281	-0,002	0,011	0,049	FALSE
-0,047	0,264	-0,002	0,011	0,053	FALSE
-0,019	0,290	-0,001	0,009	0,050	FALSE
-0,048	0,283	-0,003	0,014	0,088	FALSE
-0,011	0,291	0,001	0,013	0,038	FALSE
0,057	0,280	0,002	0,009	0,066	FALSE
0,046	0,283	0,000	0,017	0,005	FALSE
-0,025	0,278	-0,002	0,017	0,034	FALSE
-0,129	0,264	-0,004	0,010	0,151	FALSE
-0,008	0,269	-0,001	0,008	0,064	FALSE
0,004	0,267	0,000	0,016	0,009	FALSE
0,177	0,289	0,005	0,012	0,168	FALSE
-0,016	0,278	-0,001	0,015	0,020	FALSE
0,011	0,292	0,000	0,017	0,005	FALSE
-0,065	0,287	-0,004	0,017	0,081	FALSE
-0,080	0,268	-0,002	0,010	0,093	FALSE
0,070	0,285	0,002	0,015	0,063	FALSE
-0,077	0,294	-0,002	0,010	0,077	FALSE
0,094	0,265	0,003	0,009	0,123	FALSE
0,082	0,283	0,002	0,014	0,064	FALSE
0,149	0,265	0,004	0,011	0,142	FALSE
0,011	0,283	0,003	0,011	0,093	FALSE
-0,021	0,281	-0,002	0,013	0,054	FALSE
-0,043	0,295	-0,001	0,013	0,032	FALSE
-0,053	0,274	-0,002	0,009	0,094	FALSE
-0,142	0,277	-0,005	0,010	0,232	FALSE

0,033	0,291	0,001	0,012	0,040	FALSE
0,068	0,291	0,004	0,015	0,111	FALSE
0,056	0,290	0,002	0,010	0,078	FALSE
0,083	0,288	0,002	0,009	0,090	FALSE
-0,060	0,272	-0,003	0,010	0,097	FALSE
-0,257	0,280	-0,009	0,011	0,403	FALSE
-0,061	0,287	-0,004	0,015	0,108	FALSE
-0,165	0,290	-0,004	0,010	0,179	FALSE
-0,070	0,292	-0,003	0,018	0,063	FALSE
0,078	0,283	0,002	0,016	0,050	FALSE
0,076	0,284	0,002	0,009	0,103	FALSE
0,042	0,282	0,003	0,013	0,074	FALSE
-0,065	0,280	-0,007	0,017	0,174	FALSE
-0,097	0,287	-0,008	0,017	0,187	FALSE
0,056	0,274	0,004	0,013	0,124	FALSE
-0,088	0,292	-0,005	0,015	0,127	FALSE
0,104	0,279	0,004	0,014	0,123	FALSE
-0,119	0,285	-0,005	0,015	0,135	FALSE
0,075	0,286	0,003	0,016	0,065	FALSE
0,124	0,269	0,007	0,014	0,209	FALSE
0,113	0,283	0,005	0,012	0,167	FALSE
0,053	0,278	0,003	0,017	0,056	FALSE
0,046	0,290	0,000	0,017	0,002	FALSE
-0,050	0,283	-0,001	0,009	0,048	FALSE
-0,053	0,288	-0,002	0,010	0,067	FALSE
0,138	0,289	0,006	0,017	0,141	FALSE
-0,080	0,283	-0,003	0,011	0,098	FALSE
0,030	0,287	0,002	0,010	0,061	FALSE
0,085	0,281	0,004	0,012	0,122	FALSE
-0,155	0,289	-0,007	0,012	0,236	FALSE
-0,088	0,292	-0,003	0,009	0,117	FALSE
-0,072	0,276	-0,003	0,009	0,154	FALSE
-0,056	0,294	-0,003	0,010	0,115	FALSE
0,033	0,283	0,000	0,010	0,007	FALSE
0,108	0,272	0,004	0,015	0,104	FALSE
-0,036	0,276	-0,001	0,011	0,033	FALSE
-0,020	0,277	0,000	0,010	0,011	FALSE
-0,117	0,291	-0,003	0,011	0,101	FALSE
-0,106	0,288	-0,003	0,010	0,096	FALSE
-0,009	0,288	0,000	0,010	0,002	FALSE
0,014	0,276	0,003	0,010	0,106	FALSE
0,111	0,259	0,005	0,017	0,113	FALSE
-0,047	0,286	0,000	0,009	0,011	FALSE
-0,036	0,273	-0,003	0,017	0,078	FALSE
-0,022	0,274	-0,001	0,010	0,045	FALSE
-0,161	0,282	-0,005	0,012	0,166	FALSE
-0,045	0,289	-0,002	0,010	0,077	FALSE
-0,121	0,269	-0,009	0,017	0,214	FALSE
-0,016	0,279	0,001	0,012	0,026	FALSE
-0,030	0,280	-0,001	0,014	0,031	FALSE
0,073	0,279	0,005	0,012	0,180	FALSE
-0,120	0,270	-0,007	0,013	0,209	FALSE
0,254	0,252	0,008	0,011	0,316	FALSE

-0,201	0,274	-0,009	0,013	0,315	FALSE
0,170	0,278	0,004	0,011	0,149	FALSE
0,011	0,289	0,001	0,017	0,022	FALSE
0,071	0,283	0,003	0,009	0,137	FALSE
-0,198	0,278	-0,009	0,014	0,293	FALSE
0,053	0,287	0,001	0,013	0,026	FALSE
0,061	0,279	0,002	0,010	0,079	FALSE
0,013	0,285	0,001	0,010	0,040	FALSE
0,006	0,295	-0,001	0,018	0,011	FALSE
0,089	0,275	0,004	0,011	0,152	FALSE
-0,066	0,286	-0,002	0,009	0,101	FALSE
-0,052	0,285	-0,001	0,009	0,039	FALSE
-0,052	0,282	-0,001	0,010	0,042	FALSE
0,094	0,292	0,003	0,018	0,068	FALSE
0,048	0,263	-0,001	0,013	0,036	FALSE
-0,080	0,276	-0,001	0,013	0,021	FALSE
0,073	0,281	0,002	0,009	0,081	FALSE
-0,024	0,287	-0,001	0,012	0,043	FALSE
0,158	0,280	0,005	0,014	0,150	FALSE
-0,252	0,268	-0,009	0,011	0,365	FALSE
0,088	0,278	0,003	0,015	0,086	FALSE
0,157	0,270	0,007	0,011	0,253	FALSE
0,177	0,266	0,005	0,009	0,239	FALSE
0,045	0,289	0,000	0,018	0,003	FALSE
0,037	0,277	0,001	0,009	0,027	FALSE
0,154	0,283	0,006	0,009	0,284	FALSE
-0,083	0,278	-0,004	0,015	0,110	FALSE
-0,094	0,281	-0,002	0,012	0,073	FALSE
0,052	0,287	0,000	0,009	0,013	FALSE
-0,032	0,277	0,000	0,010	0,004	FALSE
-0,009	0,292	0,001	0,011	0,030	FALSE
0,092	0,287	0,004	0,010	0,138	FALSE
-0,153	0,282	-0,012	0,018	0,302	FALSE
-0,121	0,287	-0,011	0,018	0,267	FALSE
0,115	0,268	0,003	0,012	0,103	FALSE
-0,201	0,283	-0,009	0,016	0,244	FALSE
0,025	0,285	0,001	0,014	0,033	FALSE
-0,126	0,277	-0,005	0,012	0,171	FALSE
0,142	0,275	0,003	0,009	0,128	FALSE
0,072	0,278	0,003	0,010	0,105	FALSE
-0,026	0,286	0,000	0,009	0,017	FALSE
0,098	0,291	0,009	0,019	0,210	FALSE
-0,046	0,271	-0,002	0,012	0,069	FALSE
0,017	0,281	0,001	0,013	0,020	FALSE
0,096	0,284	0,005	0,017	0,119	FALSE
-0,083	0,296	-0,005	0,018	0,098	FALSE
-0,013	0,279	0,000	0,012	0,004	FALSE
-0,210	0,258	-0,013	0,016	0,375	FALSE
-0,276	0,281	-0,012	0,013	0,448	FALSE
-0,099	0,279	-0,003	0,013	0,102	FALSE
-0,024	0,280	-0,001	0,016	0,024	FALSE
0,092	0,291	0,007	0,015	0,202	FALSE
-0,110	0,283	-0,004	0,011	0,146	FALSE

-0,001	0,287	-0,002	0,017	0,050	FALSE
-0,054	0,278	-0,003	0,015	0,065	FALSE
-0,123	0,274	-0,004	0,009	0,211	FALSE
-0,037	0,279	0,000	0,017	0,009	FALSE
-0,175	0,286	-0,008	0,013	0,258	FALSE
-0,165	0,288	-0,007	0,013	0,221	FALSE
0,098	0,284	0,004	0,017	0,094	FALSE
0,016	0,289	-0,001	0,012	0,018	FALSE
0,018	0,290	0,001	0,015	0,031	FALSE
0,033	0,259	0,003	0,012	0,083	FALSE
-0,061	0,270	-0,001	0,017	0,028	FALSE
-0,080	0,269	-0,001	0,017	0,026	FALSE
-0,046	0,273	0,001	0,012	0,016	FALSE
0,118	0,285	0,001	0,010	0,045	FALSE
0,086	0,291	0,003	0,009	0,133	FALSE
0,088	0,295	0,004	0,016	0,094	FALSE
0,100	0,286	0,005	0,017	0,118	FALSE
-0,109	0,278	-0,004	0,011	0,138	FALSE
-0,074	0,282	-0,002	0,012	0,079	FALSE
0,054	0,266	0,001	0,015	0,022	FALSE
0,127	0,287	0,004	0,013	0,111	FALSE
-0,091	0,263	-0,003	0,016	0,085	FALSE
-0,047	0,286	-0,001	0,010	0,043	FALSE
0,058	0,276	0,003	0,015	0,072	FALSE
0,100	0,288	0,003	0,010	0,105	FALSE
-0,041	0,283	-0,001	0,012	0,041	FALSE
0,050	0,300	0,001	0,011	0,035	FALSE
0,044	0,285	0,002	0,009	0,063	FALSE
-0,044	0,275	-0,002	0,012	0,057	FALSE
0,056	0,284	0,001	0,017	0,011	FALSE
0,029	0,286	0,002	0,011	0,054	FALSE
-0,062	0,283	-0,006	0,017	0,129	FALSE
0,133	0,288	0,010	0,018	0,237	FALSE
0,102	0,292	0,008	0,018	0,172	FALSE
0,132	0,280	0,009	0,017	0,233	FALSE
0,210	0,250	0,007	0,011	0,269	FALSE
0,131	0,280	0,004	0,010	0,166	FALSE
-0,049	0,286	-0,001	0,008	0,063	FALSE
-0,022	0,284	0,000	0,010	0,007	FALSE
0,018	0,282	0,001	0,016	0,020	FALSE
-0,154	0,283	-0,003	0,009	0,153	FALSE
-0,137	0,278	-0,003	0,009	0,113	FALSE
-0,150	0,274	-0,003	0,010	0,129	FALSE
0,065	0,298	0,002	0,015	0,058	FALSE
-0,132	0,283	-0,004	0,009	0,161	FALSE
0,028	0,296	0,000	0,019	0,007	FALSE
0,029	0,291	0,001	0,017	0,021	FALSE
0,188	0,274	0,006	0,009	0,304	FALSE
-0,122	0,290	-0,006	0,018	0,119	FALSE
-0,061	0,285	-0,002	0,009	0,078	FALSE
-0,008	0,287	0,000	0,016	0,006	FALSE
0,029	0,296	0,000	0,016	0,007	FALSE
0,037	0,283	0,001	0,017	0,031	FALSE

-0,198	0,283	-0,007	0,010	0,333	FALSE
-0,032	0,288	-0,005	0,017	0,103	FALSE
-0,111	0,287	-0,004	0,011	0,139	FALSE
-0,069	0,284	-0,004	0,016	0,104	FALSE
0,171	0,269	0,008	0,014	0,247	FALSE
0,071	0,286	0,002	0,009	0,087	FALSE
0,022	0,266	0,002	0,015	0,052	FALSE
-0,236	0,286	-0,008	0,011	0,326	FALSE
-0,206	0,278	-0,005	0,008	0,289	FALSE
-0,206	0,268	-0,006	0,009	0,319	FALSE
0,128	0,282	0,006	0,014	0,181	FALSE
-0,013	0,284	0,001	0,010	0,040	FALSE
-0,093	0,291	-0,003	0,010	0,125	FALSE
0,051	0,276	0,004	0,017	0,079	FALSE
-0,097	0,283	-0,003	0,009	0,130	FALSE
0,093	0,276	0,003	0,010	0,101	FALSE
-0,115	0,278	-0,005	0,012	0,170	FALSE
0,086	0,290	0,004	0,013	0,120	FALSE
-0,092	0,293	-0,004	0,018	0,084	FALSE
-0,078	0,284	-0,002	0,009	0,080	FALSE
-0,006	0,288	-0,001	0,011	0,028	FALSE
0,086	0,291	0,003	0,010	0,102	FALSE
0,040	0,286	-0,001	0,010	0,018	FALSE
-0,110	0,281	-0,003	0,009	0,126	FALSE
-0,049	0,274	-0,003	0,010	0,121	FALSE
-0,107	0,275	-0,004	0,016	0,097	FALSE
-0,117	0,282	-0,004	0,013	0,121	FALSE
0,007	0,301	0,000	0,010	0,009	FALSE
-0,008	0,283	0,000	0,011	0,008	FALSE
-0,046	0,300	-0,001	0,011	0,038	FALSE
-0,061	0,292	-0,003	0,014	0,089	FALSE
-0,045	0,292	-0,001	0,015	0,027	FALSE
0,167	0,276	0,006	0,010	0,245	FALSE
0,084	0,302	0,003	0,010	0,098	FALSE
-0,018	0,264	0,000	0,015	0,011	FALSE
-0,051	0,288	-0,002	0,009	0,064	FALSE
0,011	0,273	0,001	0,008	0,030	FALSE
-0,113	0,282	-0,003	0,009	0,145	FALSE
0,081	0,280	0,006	0,015	0,150	FALSE
-0,074	0,287	-0,002	0,011	0,063	FALSE
0,063	0,283	0,004	0,015	0,092	FALSE
0,125	0,279	0,008	0,017	0,200	FALSE
-0,016	0,269	0,000	0,010	0,004	FALSE
-0,014	0,278	-0,001	0,016	0,025	FALSE
-0,170	0,283	-0,005	0,008	0,265	FALSE
0,127	0,287	0,005	0,015	0,136	FALSE
-0,035	0,281	-0,002	0,014	0,057	FALSE
-0,147	0,298	-0,004	0,009	0,206	FALSE
0,049	0,283	0,003	0,016	0,062	FALSE
0,092	0,283	0,004	0,010	0,156	FALSE
0,069	0,277	0,002	0,008	0,074	FALSE
-0,009	0,295	0,000	0,017	0,006	FALSE
-0,124	0,293	-0,004	0,013	0,124	FALSE

-0,149	0,273	-0,007	0,017	0,177	FALSE
-0,002	0,280	0,001	0,009	0,036	FALSE
0,213	0,260	0,012	0,018	0,312	FALSE
0,058	0,286	0,001	0,017	0,031	FALSE
0,020	0,280	0,002	0,013	0,046	FALSE
0,126	0,289	0,004	0,012	0,146	FALSE
0,181	0,278	0,011	0,017	0,273	FALSE
0,082	0,295	0,004	0,013	0,126	FALSE
-0,134	0,293	-0,004	0,012	0,139	FALSE
-0,028	0,288	-0,002	0,011	0,052	FALSE
0,045	0,275	0,002	0,010	0,082	FALSE
0,075	0,290	0,005	0,012	0,153	FALSE
-0,135	0,283	-0,006	0,017	0,131	FALSE
-0,035	0,287	0,000	0,013	0,002	FALSE
0,052	0,267	0,000	0,010	0,010	FALSE
0,075	0,275	0,004	0,014	0,106	FALSE
0,060	0,283	0,002	0,012	0,076	FALSE
-0,141	0,285	-0,005	0,011	0,173	FALSE
0,036	0,283	0,002	0,014	0,055	FALSE
-0,001	0,290	0,000	0,013	0,010	FALSE
-0,066	0,278	-0,001	0,012	0,036	FALSE
-0,015	0,289	0,001	0,018	0,012	FALSE
-0,023	0,279	-0,002	0,010	0,091	FALSE
-0,004	0,291	0,000	0,013	0,007	FALSE
-0,045	0,276	-0,005	0,014	0,149	FALSE
0,083	0,289	0,004	0,016	0,111	FALSE
0,094	0,291	0,005	0,015	0,122	FALSE
0,120	0,279	0,007	0,015	0,176	FALSE
0,021	0,276	-0,001	0,010	0,032	FALSE
0,175	0,287	0,009	0,017	0,239	FALSE
0,097	0,270	0,002	0,009	0,084	FALSE
0,097	0,262	0,002	0,011	0,074	FALSE
-0,056	0,292	-0,003	0,015	0,081	FALSE
-0,021	0,292	-0,002	0,011	0,054	FALSE
0,084	0,279	0,001	0,010	0,046	FALSE
0,015	0,297	0,001	0,009	0,059	FALSE
0,019	0,278	-0,001	0,015	0,016	FALSE
-0,009	0,292	0,000	0,012	0,006	FALSE
-0,086	0,294	-0,003	0,012	0,086	FALSE
0,054	0,284	0,003	0,015	0,081	FALSE
-0,128	0,276	-0,009	0,017	0,235	FALSE
-0,166	0,278	-0,007	0,010	0,309	FALSE
-0,128	0,290	-0,004	0,012	0,116	FALSE
0,017	0,285	-0,002	0,012	0,059	FALSE
-0,133	0,274	-0,007	0,014	0,189	FALSE
-0,001	0,289	0,000	0,010	0,017	FALSE
0,020	0,287	0,001	0,014	0,021	FALSE
-0,113	0,287	-0,003	0,013	0,104	FALSE
-0,039	0,285	-0,002	0,010	0,080	FALSE
0,022	0,292	0,002	0,017	0,035	FALSE
-0,026	0,270	-0,001	0,013	0,042	FALSE
0,135	0,294	0,007	0,017	0,175	FALSE
-0,021	0,294	-0,002	0,015	0,036	FALSE

-0,029	0,292	0,001	0,012	0,023	FALSE
0,020	0,273	0,001	0,011	0,043	FALSE
0,065	0,269	0,002	0,010	0,084	FALSE
-0,007	0,287	0,001	0,010	0,050	FALSE
-0,053	0,287	-0,003	0,012	0,108	FALSE
0,099	0,285	0,004	0,013	0,110	FALSE
0,095	0,280	0,004	0,013	0,108	FALSE
-0,084	0,279	-0,005	0,016	0,130	FALSE
0,152	0,278	0,005	0,012	0,154	FALSE
-0,090	0,290	-0,005	0,015	0,122	FALSE
-0,092	0,293	-0,003	0,016	0,077	FALSE
0,089	0,284	0,002	0,010	0,065	FALSE
-0,007	0,293	-0,001	0,016	0,011	FALSE
0,038	0,272	0,001	0,014	0,036	FALSE
-0,266	0,265	-0,019	0,016	0,633	FALSE
0,010	0,283	0,001	0,017	0,025	FALSE
0,174	0,282	0,010	0,015	0,294	FALSE
0,189	0,262	0,008	0,012	0,289	FALSE
0,072	0,275	0,001	0,017	0,018	FALSE
0,119	0,274	0,003	0,011	0,095	FALSE
-0,070	0,291	-0,003	0,012	0,087	FALSE
0,168	0,284	0,009	0,018	0,216	FALSE
-0,082	0,299	-0,002	0,012	0,053	FALSE
-0,080	0,279	-0,004	0,016	0,107	FALSE
-0,065	0,281	-0,003	0,012	0,080	FALSE
-0,053	0,286	-0,003	0,013	0,077	FALSE
-0,157	0,284	-0,006	0,010	0,262	FALSE
-0,185	0,278	-0,010	0,017	0,257	FALSE
-0,189	0,282	-0,010	0,018	0,229	FALSE
-0,064	0,274	-0,003	0,014	0,080	FALSE
-0,110	0,278	-0,006	0,015	0,149	FALSE
-0,103	0,285	-0,005	0,016	0,130	FALSE
-0,106	0,284	-0,003	0,009	0,106	FALSE
-0,124	0,280	-0,005	0,013	0,155	FALSE
-0,104	0,267	-0,006	0,015	0,148	FALSE
0,001	0,297	0,002	0,014	0,038	FALSE
0,167	0,289	0,007	0,012	0,248	FALSE
0,150	0,288	0,006	0,012	0,199	FALSE
0,030	0,291	0,000	0,010	0,009	FALSE
0,023	0,291	0,002	0,016	0,034	FALSE
0,061	0,285	0,003	0,014	0,078	FALSE
0,063	0,303	0,003	0,015	0,082	FALSE
-0,028	0,275	-0,003	0,012	0,108	FALSE
0,023	0,285	0,002	0,013	0,068	FALSE
-0,063	0,295	-0,006	0,018	0,129	FALSE
0,032	0,282	0,000	0,013	0,002	FALSE
-0,190	0,284	-0,009	0,013	0,297	FALSE
-0,208	0,280	-0,009	0,012	0,336	FALSE
-0,215	0,286	-0,009	0,013	0,316	FALSE
-0,172	0,286	-0,010	0,016	0,274	FALSE
-0,179	0,290	-0,010	0,016	0,284	FALSE
-0,050	0,281	-0,001	0,014	0,014	FALSE
0,038	0,276	0,000	0,008	0,005	FALSE

0,134	0,273	0,008	0,015	0,214	FALSE
-0,022	0,277	0,001	0,012	0,017	FALSE
0,082	0,267	0,005	0,015	0,127	FALSE
0,161	0,277	0,003	0,008	0,140	FALSE
-0,173	0,269	-0,007	0,013	0,251	FALSE
0,086	0,281	0,005	0,014	0,123	FALSE
-0,012	0,286	-0,001	0,017	0,019	FALSE
-0,113	0,287	-0,005	0,017	0,123	FALSE
-0,260	0,262	-0,018	0,018	0,503	FALSE
0,054	0,274	0,002	0,010	0,080	FALSE
0,007	0,273	-0,001	0,013	0,014	FALSE
-0,043	0,281	-0,002	0,014	0,053	FALSE
0,191	0,266	0,008	0,011	0,322	FALSE
-0,036	0,291	-0,001	0,015	0,024	FALSE
-0,036	0,283	-0,002	0,015	0,041	FALSE
0,025	0,295	0,001	0,018	0,025	FALSE
0,063	0,283	0,005	0,017	0,104	FALSE
-0,052	0,292	-0,002	0,010	0,063	FALSE
0,073	0,284	0,004	0,011	0,128	FALSE
-0,173	0,278	-0,010	0,017	0,266	FALSE
-0,229	0,281	-0,007	0,010	0,334	FALSE
0,148	0,266	0,007	0,013	0,229	FALSE
0,091	0,289	0,008	0,018	0,191	FALSE
0,084	0,293	0,004	0,014	0,115	FALSE
0,131	0,290	0,004	0,010	0,142	FALSE
-0,008	0,289	0,000	0,010	0,001	FALSE
-0,138	0,281	-0,004	0,009	0,188	FALSE
-0,037	0,279	-0,001	0,008	0,044	FALSE
0,005	0,267	-0,001	0,012	0,032	FALSE
-0,010	0,288	-0,001	0,008	0,047	FALSE
0,107	0,290	0,003	0,018	0,061	FALSE
-0,180	0,287	-0,006	0,010	0,274	FALSE
-0,173	0,293	-0,005	0,010	0,188	FALSE
-0,058	0,268	-0,006	0,016	0,139	FALSE
0,002	0,288	0,002	0,017	0,041	FALSE
-0,004	0,289	-0,002	0,018	0,040	FALSE
-0,066	0,284	-0,002	0,009	0,070	FALSE
-0,035	0,295	-0,001	0,011	0,036	FALSE
0,073	0,272	0,003	0,009	0,123	FALSE
0,007	0,279	0,004	0,015	0,100	FALSE
-0,132	0,291	-0,003	0,011	0,104	FALSE
-0,074	0,297	-0,004	0,017	0,085	FALSE
0,170	0,279	0,005	0,012	0,171	FALSE
0,069	0,282	0,004	0,012	0,125	FALSE
0,135	0,289	0,006	0,016	0,153	FALSE
-0,002	0,283	0,001	0,011	0,018	FALSE
-0,002	0,280	0,000	0,010	0,003	FALSE
-0,015	0,280	-0,002	0,013	0,055	FALSE
-0,074	0,268	-0,004	0,016	0,087	FALSE
0,019	0,291	-0,002	0,015	0,062	FALSE
-0,045	0,263	-0,003	0,016	0,059	FALSE
-0,107	0,285	-0,005	0,014	0,133	FALSE
-0,005	0,295	0,000	0,010	0,000	FALSE

-0,133	0,277	-0,004	0,011	0,146	FALSE
0,000	0,264	-0,001	0,015	0,018	FALSE
0,045	0,293	0,004	0,012	0,136	FALSE
0,088	0,280	0,003	0,009	0,139	FALSE
-0,009	0,288	-0,001	0,016	0,028	FALSE
0,189	0,268	0,006	0,012	0,200	FALSE
-0,124	0,281	-0,003	0,010	0,137	FALSE
0,112	0,281	0,004	0,012	0,120	FALSE
0,005	0,291	0,004	0,017	0,079	FALSE
-0,057	0,286	-0,004	0,015	0,088	FALSE
-0,119	0,282	-0,006	0,014	0,181	FALSE
0,030	0,285	0,004	0,015	0,113	FALSE
-0,016	0,278	0,000	0,010	0,018	FALSE
0,126	0,281	0,004	0,017	0,089	FALSE
-0,085	0,293	-0,003	0,011	0,119	FALSE
-0,037	0,286	-0,001	0,018	0,027	FALSE
0,111	0,273	0,002	0,013	0,060	FALSE
0,016	0,255	0,000	0,012	0,011	FALSE
0,091	0,290	0,002	0,014	0,064	FALSE
-0,021	0,285	-0,001	0,009	0,037	FALSE
-0,076	0,293	-0,002	0,011	0,088	FALSE
0,052	0,290	0,002	0,009	0,082	FALSE
0,041	0,273	0,003	0,009	0,113	FALSE
0,009	0,301	0,001	0,018	0,022	FALSE
0,058	0,284	0,002	0,011	0,067	FALSE
0,049	0,280	0,002	0,011	0,054	FALSE
-0,130	0,281	-0,007	0,015	0,190	FALSE
-0,127	0,274	-0,004	0,010	0,136	FALSE
0,094	0,282	0,002	0,010	0,074	FALSE
0,032	0,303	0,003	0,018	0,062	FALSE
-0,006	0,300	0,000	0,010	0,013	FALSE
-0,180	0,267	-0,005	0,011	0,189	FALSE
0,023	0,296	0,003	0,018	0,066	FALSE
0,138	0,298	0,004	0,010	0,173	FALSE
-0,042	0,280	-0,002	0,016	0,040	FALSE
-0,045	0,278	-0,002	0,015	0,038	FALSE
0,012	0,263	-0,002	0,011	0,080	FALSE
0,038	0,293	0,003	0,010	0,108	FALSE
0,071	0,257	0,000	0,009	0,010	FALSE
-0,127	0,284	-0,003	0,010	0,124	FALSE
-0,051	0,299	-0,002	0,009	0,069	FALSE
-0,176	0,277	-0,006	0,012	0,226	FALSE
-0,119	0,282	-0,003	0,011	0,097	FALSE
0,095	0,287	0,004	0,015	0,099	FALSE
0,119	0,272	0,008	0,017	0,184	FALSE
-0,161	0,278	-0,010	0,017	0,253	FALSE
-0,327	0,249	-0,017	0,015	0,617	FALSE
0,242	0,273	0,010	0,014	0,342	FALSE
-0,038	0,286	-0,001	0,017	0,012	FALSE
0,078	0,282	0,003	0,011	0,094	FALSE
-0,112	0,284	-0,002	0,009	0,107	FALSE
-0,182	0,272	-0,006	0,015	0,150	FALSE
0,102	0,276	0,004	0,015	0,089	FALSE

0,042	0,285	0,000	0,016	0,008	FALSE
-0,137	0,297	-0,004	0,011	0,155	FALSE
0,036	0,287	0,001	0,016	0,013	FALSE
0,011	0,280	0,001	0,011	0,047	FALSE
0,077	0,288	0,004	0,009	0,159	FALSE
0,220	0,272	0,012	0,016	0,358	FALSE
0,118	0,287	0,005	0,011	0,193	FALSE
0,119	0,257	0,004	0,012	0,145	FALSE
-0,008	0,308	0,000	0,014	0,012	FALSE
0,096	0,304	0,004	0,017	0,096	FALSE
-0,063	0,276	-0,002	0,014	0,059	FALSE
0,021	0,288	0,002	0,016	0,050	FALSE
-0,037	0,283	-0,002	0,012	0,060	FALSE
0,033	0,279	0,002	0,011	0,066	FALSE
-0,038	0,282	-0,002	0,009	0,069	FALSE
-0,089	0,289	-0,001	0,010	0,039	FALSE
0,028	0,284	0,001	0,011	0,044	FALSE
0,030	0,294	0,001	0,013	0,041	FALSE
-0,152	0,281	-0,006	0,010	0,240	FALSE
0,042	0,282	0,002	0,017	0,046	FALSE
-0,168	0,288	-0,004	0,009	0,197	FALSE
-0,038	0,283	-0,001	0,017	0,031	FALSE
-0,092	0,279	-0,008	0,018	0,201	FALSE
-0,127	0,275	-0,002	0,010	0,085	FALSE
-0,164	0,276	-0,003	0,010	0,113	FALSE
0,151	0,289	0,008	0,015	0,220	FALSE
0,075	0,283	0,004	0,014	0,099	FALSE
0,050	0,266	0,001	0,008	0,071	FALSE
-0,126	0,284	-0,002	0,010	0,091	FALSE
-0,011	0,281	0,000	0,009	0,019	FALSE
-0,010	0,273	0,002	0,014	0,050	FALSE
-0,235	0,268	-0,010	0,011	0,416	FALSE
0,048	0,284	0,004	0,017	0,098	FALSE
0,053	0,279	0,004	0,017	0,083	FALSE
0,037	0,291	0,004	0,017	0,080	FALSE
0,060	0,291	0,005	0,017	0,109	FALSE
0,047	0,282	0,004	0,017	0,084	FALSE
0,020	0,283	0,001	0,014	0,013	FALSE
0,072	0,293	0,005	0,014	0,143	FALSE
0,041	0,286	0,003	0,014	0,080	FALSE
0,058	0,280	0,004	0,013	0,127	FALSE
0,056	0,287	0,004	0,014	0,113	FALSE
0,236	0,272	0,007	0,009	0,342	FALSE
0,113	0,278	0,004	0,018	0,079	FALSE
0,200	0,265	0,007	0,009	0,330	FALSE
0,094	0,290	0,003	0,011	0,087	FALSE
-0,045	0,279	-0,003	0,016	0,060	FALSE
-0,038	0,296	-0,002	0,017	0,054	FALSE
-0,093	0,282	-0,002	0,009	0,102	FALSE
0,134	0,260	0,004	0,009	0,166	FALSE
-0,029	0,301	-0,003	0,018	0,057	FALSE
-0,077	0,291	-0,007	0,019	0,138	FALSE
-0,133	0,297	-0,005	0,011	0,199	FALSE

0,131	0,264	0,003	0,009	0,153	FALSE
-0,032	0,265	-0,001	0,008	0,029	FALSE
0,109	0,272	0,002	0,009	0,098	FALSE
0,038	0,288	0,000	0,011	0,009	FALSE
-0,054	0,301	-0,003	0,013	0,086	FALSE
-0,201	0,283	-0,010	0,016	0,262	FALSE
-0,062	0,290	-0,003	0,013	0,082	FALSE
0,075	0,286	0,005	0,012	0,176	FALSE
0,036	0,285	0,003	0,013	0,088	FALSE
0,149	0,276	0,005	0,009	0,214	FALSE
0,137	0,261	0,004	0,009	0,170	FALSE
-0,030	0,300	-0,002	0,017	0,047	FALSE
-0,069	0,287	-0,004	0,013	0,109	FALSE
0,026	0,279	0,001	0,010	0,044	FALSE
-0,013	0,271	-0,002	0,014	0,044	FALSE
0,140	0,282	0,008	0,015	0,217	FALSE
0,227	0,269	0,006	0,009	0,330	FALSE
0,056	0,277	0,005	0,014	0,132	FALSE
-0,056	0,278	0,000	0,008	0,020	FALSE
0,102	0,293	0,006	0,016	0,142	FALSE
0,048	0,280	0,002	0,009	0,099	FALSE
0,136	0,276	0,006	0,010	0,280	FALSE
-0,119	0,292	-0,008	0,017	0,185	FALSE
0,186	0,271	0,009	0,017	0,233	FALSE
-0,029	0,289	-0,001	0,009	0,050	FALSE
0,179	0,277	0,007	0,011	0,290	FALSE
0,088	0,294	0,005	0,011	0,199	FALSE
-0,121	0,273	-0,008	0,014	0,243	FALSE
-0,176	0,275	-0,006	0,014	0,165	FALSE
-0,181	0,279	-0,007	0,013	0,231	FALSE
0,068	0,272	0,002	0,010	0,075	FALSE
-0,263	0,270	-0,014	0,017	0,392	FALSE
-0,286	0,250	-0,016	0,016	0,502	FALSE
-0,198	0,281	-0,008	0,011	0,321	FALSE
-0,163	0,290	-0,005	0,010	0,219	FALSE
0,005	0,285	0,000	0,009	0,018	FALSE
0,103	0,271	0,003	0,010	0,112	FALSE
0,036	0,265	0,000	0,011	0,005	FALSE
-0,033	0,279	-0,002	0,014	0,057	FALSE
-0,006	0,279	-0,001	0,018	0,015	FALSE
0,027	0,285	0,001	0,011	0,045	FALSE
0,008	0,289	0,000	0,009	0,006	FALSE
0,309	0,268	0,017	0,016	0,507	FALSE
0,002	0,293	0,001	0,017	0,019	FALSE
0,188	0,266	0,013	0,017	0,367	FALSE
0,183	0,275	0,013	0,017	0,359	FALSE
0,159	0,280	0,009	0,014	0,278	FALSE
0,198	0,280	0,012	0,017	0,317	FALSE
-0,041	0,272	-0,001	0,011	0,029	FALSE
0,112	0,289	0,006	0,018	0,136	FALSE
0,038	0,274	0,002	0,013	0,057	FALSE
0,125	0,279	0,006	0,010	0,236	FALSE
0,181	0,287	0,008	0,014	0,233	FALSE

0,081	0,280	0,003	0,015	0,080	FALSE
-0,075	0,283	-0,004	0,012	0,130	FALSE
-0,008	0,293	0,000	0,015	0,008	FALSE
0,030	0,275	0,002	0,011	0,073	FALSE
-0,138	0,279	-0,008	0,016	0,214	FALSE
-0,259	0,262	-0,011	0,014	0,359	FALSE
-0,013	0,289	0,000	0,016	0,010	FALSE
0,026	0,275	0,000	0,016	0,003	FALSE
-0,068	0,279	-0,005	0,013	0,166	FALSE
0,083	0,268	0,004	0,012	0,136	FALSE
0,040	0,278	0,000	0,009	0,011	FALSE
0,094	0,288	0,005	0,017	0,106	FALSE
0,041	0,289	0,002	0,009	0,102	FALSE
0,138	0,277	0,003	0,017	0,062	FALSE
0,191	0,258	0,005	0,009	0,200	FALSE
-0,256	0,277	-0,017	0,017	0,478	FALSE
-0,053	0,267	0,001	0,012	0,026	FALSE
0,138	0,269	0,005	0,015	0,129	FALSE
-0,076	0,299	-0,002	0,014	0,062	FALSE
0,123	0,282	0,004	0,017	0,078	FALSE
-0,200	0,274	-0,009	0,014	0,304	FALSE
0,025	0,282	0,001	0,015	0,028	FALSE
-0,045	0,286	0,000	0,013	0,006	FALSE
-0,113	0,299	-0,003	0,010	0,102	FALSE
0,016	0,289	0,000	0,009	0,003	FALSE
0,032	0,297	0,002	0,017	0,053	FALSE
0,033	0,285	0,001	0,012	0,019	FALSE
-0,109	0,283	-0,003	0,013	0,095	FALSE
-0,085	0,298	-0,003	0,015	0,078	FALSE
-0,062	0,285	-0,002	0,009	0,067	FALSE
0,078	0,291	0,002	0,011	0,064	FALSE
0,032	0,296	-0,001	0,010	0,023	FALSE
-0,041	0,275	-0,003	0,012	0,109	FALSE
0,216	0,281	0,014	0,016	0,405	FALSE
0,268	0,264	0,014	0,014	0,487	FALSE
0,102	0,284	0,007	0,012	0,246	FALSE
0,056	0,291	0,002	0,012	0,049	FALSE
-0,104	0,288	-0,004	0,017	0,101	FALSE
0,091	0,273	0,003	0,011	0,114	FALSE
-0,009	0,283	0,001	0,011	0,017	FALSE
-0,080	0,298	-0,002	0,018	0,038	FALSE
-0,178	0,283	-0,005	0,013	0,152	FALSE
-0,048	0,275	-0,001	0,009	0,023	FALSE
0,034	0,297	0,002	0,011	0,074	FALSE
0,042	0,275	0,001	0,017	0,020	FALSE
0,060	0,265	0,003	0,013	0,080	FALSE
0,183	0,270	0,008	0,012	0,277	FALSE
0,063	0,283	0,003	0,010	0,111	FALSE
-0,058	0,295	-0,003	0,016	0,083	FALSE
0,246	0,276	0,012	0,014	0,400	FALSE
-0,141	0,281	-0,009	0,017	0,223	FALSE
0,026	0,296	0,001	0,013	0,022	FALSE
-0,068	0,282	-0,003	0,012	0,085	FALSE

-0,032	0,295	0,000	0,016	0,003	FALSE
-0,119	0,278	-0,004	0,015	0,107	FALSE
0,101	0,290	0,007	0,016	0,174	FALSE
-0,112	0,291	-0,004	0,011	0,134	FALSE
-0,181	0,290	-0,008	0,013	0,249	FALSE
-0,034	0,292	0,000	0,014	0,001	FALSE
-0,161	0,275	-0,006	0,011	0,215	FALSE
-0,115	0,300	-0,003	0,012	0,109	FALSE
-0,105	0,258	-0,003	0,017	0,057	FALSE
0,109	0,300	0,003	0,011	0,099	FALSE
0,109	0,277	0,001	0,008	0,058	FALSE
0,134	0,280	0,002	0,009	0,097	FALSE
0,188	0,274	0,008	0,013	0,250	FALSE
-0,116	0,282	-0,005	0,009	0,212	FALSE
0,159	0,284	0,009	0,017	0,226	FALSE
-0,150	0,282	-0,006	0,013	0,168	FALSE
0,018	0,296	0,002	0,009	0,083	FALSE
0,052	0,274	0,002	0,009	0,083	FALSE
0,066	0,282	0,002	0,008	0,083	FALSE
-0,095	0,284	-0,003	0,012	0,083	FALSE
-0,056	0,283	-0,001	0,012	0,025	FALSE
-0,067	0,285	-0,002	0,012	0,060	FALSE
-0,053	0,280	-0,001	0,012	0,033	FALSE
0,129	0,262	0,005	0,010	0,231	FALSE
-0,067	0,276	-0,007	0,017	0,166	FALSE
-0,033	0,293	-0,002	0,011	0,064	FALSE
-0,093	0,296	-0,004	0,012	0,118	FALSE
0,023	0,291	0,000	0,011	0,004	FALSE
0,015	0,301	0,000	0,012	0,009	FALSE
0,033	0,291	0,001	0,011	0,021	FALSE
0,047	0,294	0,001	0,013	0,026	FALSE
0,170	0,269	0,006	0,016	0,157	FALSE
0,161	0,283	0,006	0,017	0,147	FALSE
-0,008	0,287	-0,001	0,010	0,028	FALSE
0,101	0,284	0,004	0,016	0,109	FALSE
0,012	0,286	0,000	0,012	0,009	FALSE
0,145	0,263	0,004	0,013	0,113	FALSE
0,170	0,271	0,005	0,010	0,230	FALSE
-0,013	0,292	0,001	0,011	0,019	FALSE
0,106	0,285	0,003	0,011	0,089	FALSE
0,099	0,288	0,002	0,010	0,094	FALSE
0,082	0,285	0,005	0,013	0,145	FALSE
0,060	0,294	0,004	0,014	0,099	FALSE
0,068	0,270	0,005	0,017	0,109	FALSE
0,172	0,293	0,007	0,012	0,254	FALSE
-0,247	0,276	-0,010	0,013	0,391	FALSE
0,032	0,278	0,001	0,009	0,035	FALSE
-0,111	0,283	-0,004	0,012	0,136	FALSE
-0,124	0,290	-0,003	0,010	0,137	FALSE
-0,034	0,301	0,000	0,011	0,014	FALSE
0,058	0,288	0,004	0,017	0,081	FALSE
-0,025	0,276	-0,003	0,012	0,090	FALSE
-0,025	0,273	-0,001	0,017	0,030	FALSE

0,083	0,288	0,002	0,009	0,100	FALSE
-0,060	0,276	-0,002	0,009	0,077	FALSE
-0,090	0,293	-0,002	0,009	0,094	FALSE
-0,067	0,296	-0,002	0,012	0,074	FALSE
-0,135	0,293	-0,004	0,010	0,155	FALSE
0,080	0,271	0,003	0,012	0,092	FALSE
0,001	0,286	0,002	0,011	0,062	FALSE
-0,045	0,283	0,000	0,017	0,007	FALSE
-0,001	0,298	0,000	0,010	0,006	FALSE
0,112	0,281	0,006	0,014	0,159	FALSE
-0,170	0,278	-0,006	0,011	0,239	FALSE
-0,068	0,286	-0,003	0,016	0,068	FALSE
0,093	0,283	0,003	0,009	0,121	FALSE
0,048	0,284	0,002	0,009	0,083	FALSE
0,022	0,287	0,000	0,016	0,009	FALSE
0,102	0,283	0,006	0,015	0,171	FALSE
0,373	0,250	0,022	0,017	0,686	FALSE
0,064	0,261	0,004	0,013	0,115	FALSE
-0,011	0,279	0,001	0,010	0,022	FALSE
-0,044	0,282	-0,002	0,013	0,069	FALSE
-0,075	0,277	-0,004	0,015	0,095	FALSE
-0,245	0,269	-0,014	0,015	0,437	FALSE
-0,179	0,267	-0,009	0,015	0,274	FALSE
-0,204	0,265	-0,012	0,016	0,339	FALSE
0,034	0,283	0,001	0,015	0,024	FALSE
0,042	0,276	0,001	0,014	0,013	FALSE
0,038	0,287	0,000	0,015	0,000	FALSE
-0,073	0,281	-0,002	0,011	0,073	FALSE
-0,064	0,278	-0,003	0,013	0,076	FALSE
0,046	0,283	0,001	0,016	0,030	FALSE
0,091	0,277	0,005	0,015	0,117	FALSE
-0,110	0,283	-0,008	0,017	0,185	FALSE
0,108	0,274	0,003	0,009	0,135	FALSE
-0,090	0,275	-0,004	0,010	0,146	FALSE
0,043	0,291	0,002	0,009	0,066	FALSE
0,063	0,287	0,001	0,009	0,037	FALSE
-0,125	0,287	-0,003	0,009	0,128	FALSE
0,013	0,278	0,000	0,014	0,010	FALSE
-0,179	0,267	-0,006	0,008	0,326	FALSE
-0,146	0,286	-0,004	0,011	0,128	FALSE
0,222	0,269	0,006	0,011	0,246	FALSE
-0,087	0,292	-0,003	0,010	0,129	FALSE
-0,135	0,288	-0,009	0,017	0,244	FALSE
-0,301	0,275	-0,016	0,017	0,445	FALSE
0,110	0,281	0,005	0,013	0,146	FALSE
-0,076	0,284	-0,003	0,010	0,119	FALSE
0,150	0,280	0,005	0,008	0,245	FALSE
-0,110	0,278	-0,006	0,014	0,191	FALSE
0,035	0,272	0,001	0,015	0,012	FALSE
-0,006	0,287	-0,002	0,014	0,053	FALSE
0,076	0,289	0,004	0,013	0,110	FALSE
0,064	0,271	0,003	0,017	0,065	FALSE
0,000	0,281	0,000	0,010	0,011	FALSE

-0,009	0,304	0,000	0,010	0,007	FALSE
-0,015	0,291	0,000	0,010	0,013	FALSE
-0,021	0,282	0,000	0,010	0,010	FALSE
-0,068	0,298	-0,003	0,016	0,083	FALSE
-0,017	0,275	-0,001	0,015	0,023	FALSE
-0,140	0,284	-0,004	0,011	0,165	FALSE
0,143	0,286	0,004	0,009	0,171	FALSE
-0,030	0,278	-0,001	0,009	0,044	FALSE
-0,051	0,272	-0,002	0,009	0,082	FALSE
-0,048	0,285	-0,005	0,017	0,121	FALSE
0,046	0,285	0,001	0,011	0,037	FALSE
-0,067	0,285	-0,001	0,016	0,021	FALSE
0,168	0,266	0,005	0,012	0,174	FALSE
0,097	0,287	0,005	0,010	0,215	FALSE
0,269	0,268	0,013	0,017	0,345	FALSE
0,030	0,281	-0,001	0,016	0,022	FALSE
-0,078	0,287	-0,002	0,009	0,089	FALSE
-0,081	0,281	-0,002	0,011	0,059	FALSE
-0,072	0,281	-0,002	0,010	0,062	FALSE
-0,027	0,290	-0,001	0,012	0,040	FALSE
-0,009	0,288	-0,002	0,009	0,068	FALSE
0,051	0,283	0,003	0,009	0,112	FALSE
0,072	0,279	0,002	0,010	0,092	FALSE
0,010	0,290	-0,001	0,012	0,028	FALSE
0,001	0,303	0,001	0,009	0,019	FALSE
-0,084	0,290	-0,002	0,009	0,062	FALSE
-0,024	0,296	-0,001	0,018	0,029	FALSE
-0,004	0,273	-0,001	0,011	0,024	FALSE
0,028	0,290	0,003	0,011	0,123	FALSE
-0,179	0,275	-0,004	0,011	0,161	FALSE
0,018	0,264	0,000	0,009	0,004	FALSE
-0,032	0,290	-0,001	0,014	0,036	FALSE
-0,006	0,281	0,001	0,010	0,052	FALSE
-0,118	0,270	-0,005	0,011	0,192	FALSE
-0,098	0,287	-0,004	0,010	0,156	FALSE
-0,059	0,289	-0,002	0,014	0,048	FALSE
-0,047	0,278	-0,002	0,009	0,083	FALSE
0,138	0,299	0,005	0,010	0,187	FALSE
-0,117	0,292	-0,006	0,017	0,131	FALSE
0,048	0,285	0,002	0,010	0,059	FALSE
-0,002	0,286	-0,002	0,014	0,045	FALSE
0,161	0,279	0,007	0,012	0,253	FALSE
0,046	0,291	0,004	0,018	0,080	FALSE
0,049	0,266	0,002	0,010	0,060	FALSE
0,058	0,282	0,003	0,015	0,073	FALSE
-0,116	0,279	-0,004	0,015	0,091	FALSE
0,018	0,290	0,002	0,010	0,066	FALSE
0,046	0,289	0,003	0,009	0,113	FALSE
-0,107	0,284	-0,007	0,016	0,185	FALSE
0,019	0,288	0,001	0,010	0,055	FALSE
0,056	0,279	0,002	0,009	0,072	FALSE
0,027	0,282	0,002	0,010	0,057	FALSE
0,035	0,290	0,002	0,017	0,052	FALSE

-0,031	0,276	-0,004	0,011	0,133	FALSE
0,106	0,266	0,006	0,010	0,254	FALSE
0,080	0,285	0,003	0,017	0,074	FALSE
0,037	0,284	0,000	0,009	0,017	FALSE
-0,043	0,275	-0,003	0,012	0,108	FALSE
-0,008	0,292	-0,001	0,017	0,020	FALSE
0,187	0,279	0,011	0,015	0,310	FALSE
-0,098	0,284	-0,003	0,013	0,085	FALSE
0,047	0,286	0,001	0,009	0,039	FALSE
-0,190	0,276	-0,007	0,010	0,343	FALSE
-0,140	0,299	-0,008	0,017	0,197	FALSE
-0,142	0,273	-0,004	0,011	0,143	FALSE
-0,143	0,277	-0,011	0,018	0,286	FALSE
-0,189	0,284	-0,004	0,008	0,221	FALSE
0,138	0,285	0,005	0,014	0,138	FALSE
-0,019	0,295	-0,001	0,013	0,037	FALSE
0,105	0,281	0,003	0,010	0,097	FALSE
-0,108	0,284	-0,002	0,011	0,063	FALSE
-0,277	0,275	-0,010	0,010	0,475	FALSE
0,085	0,275	0,005	0,014	0,130	FALSE
-0,026	0,282	-0,001	0,015	0,024	FALSE
-0,032	0,274	-0,002	0,014	0,042	FALSE
-0,003	0,275	0,000	0,008	0,011	FALSE
-0,066	0,280	0,000	0,016	0,008	FALSE
-0,193	0,294	-0,006	0,011	0,240	FALSE
-0,168	0,267	-0,009	0,017	0,226	FALSE
-0,092	0,296	-0,002	0,013	0,071	FALSE
0,061	0,289	0,002	0,014	0,039	FALSE
-0,051	0,272	-0,003	0,011	0,101	FALSE
0,089	0,284	0,005	0,016	0,113	FALSE
0,010	0,300	0,001	0,015	0,029	FALSE
-0,069	0,284	-0,004	0,010	0,141	FALSE
0,060	0,281	0,001	0,010	0,043	FALSE
-0,086	0,298	-0,002	0,009	0,067	FALSE
0,092	0,291	0,003	0,012	0,107	FALSE
0,093	0,287	0,004	0,014	0,115	FALSE
0,098	0,292	0,004	0,014	0,112	FALSE
-0,150	0,274	-0,006	0,013	0,179	FALSE
0,177	0,286	0,008	0,016	0,199	FALSE
-0,027	0,300	0,000	0,017	0,001	FALSE
0,002	0,298	0,000	0,010	0,017	FALSE
-0,095	0,297	-0,003	0,009	0,131	FALSE
-0,048	0,287	0,001	0,011	0,025	FALSE
0,046	0,286	0,002	0,010	0,060	FALSE
-0,081	0,279	-0,004	0,011	0,148	FALSE
0,109	0,272	0,005	0,012	0,170	FALSE
-0,220	0,266	-0,012	0,016	0,352	FALSE
-0,016	0,277	-0,001	0,015	0,034	FALSE
0,058	0,277	0,006	0,017	0,134	FALSE
0,100	0,277	0,002	0,008	0,080	FALSE
-0,089	0,291	-0,002	0,010	0,088	FALSE
-0,058	0,294	-0,004	0,013	0,131	FALSE
-0,041	0,280	-0,003	0,011	0,103	FALSE

-0,065	0,286	-0,004	0,012	0,136	FALSE
-0,093	0,286	-0,004	0,014	0,107	FALSE
-0,128	0,273	-0,005	0,010	0,207	FALSE
-0,046	0,261	-0,001	0,013	0,018	FALSE
-0,119	0,285	-0,009	0,018	0,217	FALSE
-0,063	0,275	-0,003	0,010	0,108	FALSE
0,059	0,280	0,002	0,016	0,053	FALSE
0,019	0,274	0,002	0,014	0,049	FALSE
-0,001	0,269	0,001	0,014	0,018	FALSE
0,108	0,286	0,003	0,015	0,071	FALSE
0,017	0,285	0,001	0,009	0,041	FALSE
-0,040	0,290	0,001	0,010	0,037	FALSE
0,040	0,282	0,002	0,009	0,064	FALSE
-0,117	0,270	-0,002	0,013	0,070	FALSE
-0,136	0,281	-0,003	0,009	0,140	FALSE
0,140	0,285	0,010	0,018	0,234	FALSE
0,108	0,295	0,006	0,017	0,139	FALSE
0,113	0,287	0,008	0,017	0,194	FALSE
0,110	0,287	0,006	0,014	0,179	FALSE
0,075	0,275	0,001	0,009	0,053	FALSE
0,064	0,269	0,001	0,008	0,035	FALSE
0,122	0,272	0,003	0,009	0,141	FALSE
0,045	0,291	0,001	0,017	0,029	FALSE
-0,015	0,287	-0,002	0,009	0,083	FALSE
0,092	0,288	0,003	0,009	0,155	FALSE
0,028	0,291	0,001	0,011	0,047	FALSE
-0,016	0,296	-0,003	0,013	0,087	FALSE
-0,009	0,297	-0,001	0,013	0,034	FALSE
-0,010	0,291	-0,002	0,013	0,061	FALSE
0,079	0,291	0,002	0,015	0,060	FALSE
-0,011	0,288	-0,002	0,013	0,045	FALSE
-0,027	0,276	-0,002	0,017	0,040	FALSE
0,114	0,292	0,006	0,016	0,165	FALSE
-0,036	0,275	0,000	0,013	0,000	FALSE
0,099	0,280	0,003	0,013	0,097	FALSE
0,132	0,273	0,004	0,012	0,131	FALSE
0,165	0,271	0,005	0,010	0,195	FALSE
0,062	0,275	0,002	0,009	0,077	FALSE
0,059	0,295	0,002	0,010	0,078	FALSE
-0,026	0,301	-0,002	0,013	0,062	FALSE
0,048	0,282	0,002	0,010	0,058	FALSE
-0,020	0,290	0,000	0,009	0,004	FALSE
0,010	0,290	0,001	0,016	0,016	FALSE
0,068	0,304	0,004	0,019	0,087	FALSE
-0,019	0,272	0,001	0,016	0,029	FALSE
0,008	0,278	0,001	0,017	0,016	FALSE
0,011	0,269	0,001	0,017	0,029	FALSE
0,088	0,258	0,006	0,017	0,133	FALSE
0,043	0,260	0,003	0,017	0,070	FALSE
0,058	0,260	0,004	0,017	0,098	FALSE
0,076	0,263	0,005	0,017	0,124	FALSE
-0,115	0,278	-0,004	0,010	0,178	FALSE
-0,041	0,281	-0,002	0,018	0,032	FALSE

0,115	0,274	0,003	0,009	0,134	FALSE
0,034	0,282	0,003	0,014	0,083	FALSE
0,136	0,259	0,007	0,014	0,210	FALSE
0,073	0,276	0,003	0,012	0,090	FALSE
0,153	0,282	0,007	0,017	0,177	FALSE
0,151	0,297	0,007	0,018	0,158	FALSE
0,203	0,281	0,011	0,018	0,275	FALSE
0,057	0,274	0,006	0,015	0,151	FALSE
0,269	0,255	0,012	0,016	0,321	FALSE
0,022	0,279	0,002	0,011	0,067	FALSE
-0,042	0,293	-0,001	0,010	0,019	FALSE
-0,082	0,285	-0,004	0,014	0,096	FALSE
0,165	0,290	0,005	0,011	0,179	FALSE
-0,053	0,284	-0,001	0,012	0,041	FALSE
-0,084	0,287	-0,003	0,012	0,092	FALSE
-0,027	0,293	-0,001	0,015	0,022	FALSE
-0,055	0,275	-0,002	0,015	0,051	FALSE
-0,188	0,276	-0,007	0,014	0,218	FALSE
-0,047	0,283	-0,002	0,015	0,045	FALSE
0,044	0,288	0,004	0,017	0,096	FALSE
-0,059	0,293	-0,002	0,010	0,088	FALSE
0,053	0,284	0,002	0,009	0,097	FALSE
0,019	0,295	0,000	0,015	0,009	FALSE
0,046	0,261	0,002	0,009	0,066	FALSE
0,001	0,299	0,000	0,009	0,016	FALSE
-0,061	0,277	-0,001	0,012	0,031	FALSE
0,092	0,291	0,003	0,012	0,082	FALSE
-0,001	0,282	-0,001	0,014	0,021	FALSE
0,185	0,278	0,007	0,015	0,185	FALSE
0,169	0,265	0,006	0,014	0,176	FALSE
-0,097	0,271	-0,002	0,009	0,097	FALSE
-0,097	0,280	-0,002	0,008	0,097	FALSE
0,011	0,298	0,002	0,009	0,070	FALSE
-0,042	0,269	-0,001	0,016	0,031	FALSE
0,018	0,309	0,002	0,013	0,048	FALSE
0,071	0,287	0,001	0,010	0,051	FALSE
-0,226	0,276	-0,008	0,013	0,284	FALSE
-0,110	0,285	-0,003	0,010	0,097	FALSE
0,244	0,270	0,010	0,015	0,325	FALSE
-0,123	0,287	-0,003	0,010	0,131	FALSE
-0,127	0,284	-0,004	0,013	0,121	FALSE
-0,156	0,289	-0,007	0,013	0,228	FALSE
-0,247	0,267	-0,010	0,013	0,358	FALSE
0,139	0,291	0,006	0,012	0,188	FALSE
0,224	0,276	0,010	0,011	0,430	FALSE
0,034	0,286	0,002	0,017	0,042	FALSE
-0,021	0,287	-0,002	0,014	0,067	FALSE
0,016	0,287	0,000	0,012	0,009	FALSE
-0,040	0,277	-0,002	0,015	0,038	FALSE
-0,071	0,285	-0,002	0,017	0,044	FALSE
-0,056	0,275	-0,004	0,017	0,088	FALSE
-0,037	0,280	0,000	0,016	0,003	FALSE
0,009	0,262	0,000	0,008	0,013	FALSE

0,094	0,282	0,005	0,015	0,127	FALSE
0,123	0,280	0,004	0,010	0,183	FALSE
-0,069	0,279	-0,003	0,016	0,080	FALSE
-0,138	0,273	-0,008	0,016	0,213	FALSE
0,070	0,279	0,004	0,015	0,090	FALSE
0,085	0,270	0,003	0,012	0,098	FALSE
-0,082	0,287	-0,003	0,011	0,127	FALSE
0,010	0,282	0,000	0,010	0,005	FALSE
-0,076	0,296	-0,004	0,014	0,096	FALSE
0,125	0,270	0,004	0,012	0,148	FALSE
-0,126	0,275	-0,004	0,013	0,113	FALSE
-0,063	0,277	-0,003	0,008	0,132	FALSE
0,079	0,266	0,004	0,010	0,141	FALSE
0,018	0,295	0,003	0,017	0,065	FALSE
0,005	0,284	0,003	0,017	0,058	FALSE
-0,001	0,284	0,002	0,017	0,034	FALSE
0,055	0,264	0,001	0,010	0,027	FALSE
0,085	0,267	0,002	0,011	0,069	FALSE
0,056	0,279	0,004	0,014	0,110	FALSE
0,038	0,284	0,002	0,016	0,048	FALSE
-0,065	0,279	-0,003	0,014	0,094	FALSE
0,057	0,286	0,003	0,014	0,083	FALSE
0,033	0,279	0,004	0,016	0,092	FALSE
-0,020	0,292	-0,001	0,014	0,025	FALSE
-0,072	0,282	-0,003	0,009	0,158	FALSE
0,038	0,293	0,000	0,011	0,014	FALSE
0,129	0,292	0,008	0,016	0,199	FALSE
0,030	0,274	0,000	0,014	0,002	FALSE
-0,142	0,293	-0,007	0,018	0,160	FALSE
0,007	0,281	-0,002	0,015	0,053	FALSE
0,064	0,286	0,000	0,009	0,011	FALSE
-0,023	0,290	-0,002	0,013	0,066	FALSE
0,239	0,269	0,007	0,011	0,313	FALSE
0,135	0,282	0,005	0,012	0,162	FALSE
0,080	0,281	0,003	0,009	0,115	FALSE
-0,059	0,275	-0,002	0,013	0,070	FALSE
-0,017	0,288	0,000	0,012	0,004	FALSE
0,046	0,298	0,000	0,017	0,007	FALSE
-0,150	0,301	-0,005	0,010	0,224	FALSE
0,108	0,292	0,005	0,018	0,101	FALSE
-0,076	0,297	-0,002	0,009	0,103	FALSE
-0,106	0,290	-0,006	0,016	0,153	FALSE
-0,069	0,284	-0,004	0,015	0,110	FALSE
0,044	0,286	0,002	0,009	0,089	FALSE
0,098	0,279	0,007	0,015	0,192	FALSE
-0,207	0,289	-0,006	0,013	0,211	FALSE
0,076	0,289	0,003	0,010	0,103	FALSE
0,077	0,286	0,005	0,018	0,104	FALSE
-0,165	0,278	-0,005	0,011	0,178	FALSE
-0,197	0,284	-0,006	0,011	0,223	FALSE
0,155	0,264	0,005	0,010	0,210	FALSE
-0,088	0,283	-0,004	0,012	0,120	FALSE
0,044	0,278	0,001	0,010	0,033	FALSE

-0,095	0,278	-0,005	0,017	0,117	FALSE
0,051	0,268	0,002	0,013	0,048	FALSE
0,159	0,268	0,005	0,010	0,208	FALSE
-0,111	0,295	-0,005	0,013	0,150	FALSE
-0,100	0,266	-0,007	0,017	0,182	FALSE
-0,133	0,290	-0,004	0,011	0,158	FALSE
0,066	0,262	0,003	0,012	0,085	FALSE
-0,053	0,281	-0,003	0,011	0,105	FALSE
-0,016	0,303	0,000	0,017	0,010	FALSE
-0,129	0,291	-0,009	0,017	0,236	FALSE
0,091	0,289	0,005	0,010	0,223	FALSE
0,018	0,296	-0,002	0,011	0,054	FALSE
0,158	0,268	0,004	0,009	0,170	FALSE
-0,214	0,264	-0,013	0,017	0,364	FALSE
0,364	0,241	0,015	0,012	0,646	FALSE
0,036	0,261	0,000	0,009	0,002	FALSE
-0,195	0,269	-0,009	0,012	0,372	FALSE
0,132	0,274	0,002	0,014	0,064	FALSE
-0,009	0,288	-0,001	0,016	0,025	FALSE
-0,003	0,285	0,000	0,016	0,002	FALSE
-0,149	0,294	-0,007	0,013	0,208	FALSE
0,012	0,276	0,000	0,013	0,006	FALSE
0,120	0,259	0,006	0,016	0,144	FALSE
0,129	0,278	0,005	0,013	0,154	FALSE
-0,013	0,289	-0,001	0,018	0,015	FALSE
0,012	0,305	0,001	0,011	0,041	FALSE
0,193	0,275	0,005	0,009	0,259	FALSE
0,132	0,289	0,004	0,010	0,165	FALSE
0,023	0,292	0,001	0,018	0,010	FALSE
-0,046	0,267	-0,001	0,009	0,059	FALSE
-0,129	0,274	-0,006	0,012	0,215	FALSE
-0,058	0,270	-0,001	0,011	0,047	FALSE
0,096	0,273	0,004	0,011	0,154	FALSE
-0,053	0,296	0,000	0,009	0,018	FALSE
-0,141	0,264	-0,007	0,017	0,163	FALSE
0,146	0,270	0,006	0,010	0,270	FALSE
-0,038	0,275	0,001	0,011	0,024	FALSE
-0,036	0,286	0,000	0,011	0,012	FALSE
0,073	0,279	0,002	0,009	0,070	FALSE
-0,033	0,286	0,001	0,011	0,024	FALSE
0,057	0,277	0,005	0,016	0,128	FALSE
-0,025	0,288	-0,004	0,017	0,080	FALSE
-0,168	0,277	-0,005	0,009	0,225	FALSE
-0,094	0,290	-0,002	0,009	0,070	FALSE
0,024	0,291	0,001	0,014	0,038	FALSE
-0,060	0,294	-0,004	0,017	0,093	FALSE
0,097	0,267	0,004	0,012	0,143	FALSE
-0,171	0,282	-0,009	0,013	0,306	FALSE
-0,108	0,285	-0,003	0,010	0,119	FALSE
-0,015	0,285	-0,002	0,016	0,041	FALSE
0,129	0,281	0,007	0,018	0,168	FALSE
0,179	0,282	0,009	0,017	0,234	FALSE
0,055	0,288	0,002	0,013	0,050	FALSE

0,239	0,276	0,011	0,015	0,339	FALSE
0,261	0,286	0,013	0,016	0,367	FALSE
0,286	0,260	0,013	0,015	0,409	FALSE
-0,159	0,287	-0,006	0,014	0,182	FALSE
0,203	0,288	0,009	0,014	0,270	FALSE
0,034	0,296	0,002	0,014	0,041	FALSE
0,047	0,290	0,002	0,014	0,054	FALSE
0,106	0,288	0,004	0,012	0,127	FALSE
0,042	0,286	0,002	0,012	0,053	FALSE
0,152	0,274	0,005	0,011	0,201	FALSE
0,111	0,292	0,006	0,014	0,183	FALSE
0,089	0,289	0,002	0,010	0,071	FALSE
0,113	0,281	0,003	0,010	0,101	FALSE
0,154	0,283	0,006	0,013	0,202	FALSE
0,031	0,277	0,002	0,017	0,039	FALSE
-0,132	0,277	-0,004	0,011	0,153	FALSE
0,034	0,287	0,000	0,015	0,008	FALSE
0,012	0,289	0,001	0,014	0,032	FALSE
-0,025	0,273	-0,001	0,016	0,026	FALSE
-0,020	0,302	-0,002	0,015	0,051	FALSE
0,016	0,285	0,001	0,017	0,022	FALSE
-0,012	0,293	-0,002	0,015	0,051	FALSE
-0,012	0,276	0,001	0,014	0,015	FALSE
0,241	0,268	0,009	0,012	0,335	FALSE
-0,066	0,287	-0,003	0,009	0,127	FALSE
-0,059	0,278	-0,002	0,013	0,061	FALSE
-0,016	0,292	-0,001	0,011	0,027	FALSE
0,097	0,294	0,003	0,016	0,057	FALSE
0,097	0,284	0,003	0,014	0,084	FALSE
0,167	0,285	0,007	0,012	0,241	FALSE
0,024	0,274	-0,001	0,010	0,034	FALSE
-0,018	0,291	-0,003	0,011	0,094	FALSE
0,009	0,260	-0,002	0,010	0,063	FALSE
-0,022	0,289	-0,001	0,012	0,019	FALSE
0,043	0,299	0,003	0,017	0,061	FALSE
-0,127	0,274	-0,004	0,010	0,182	FALSE
-0,031	0,274	0,000	0,010	0,014	FALSE
0,035	0,284	0,002	0,010	0,060	FALSE
-0,035	0,288	0,001	0,015	0,015	FALSE
0,043	0,277	0,001	0,015	0,033	FALSE
0,013	0,278	0,001	0,010	0,057	FALSE
-0,140	0,288	-0,005	0,013	0,157	FALSE
0,016	0,286	0,001	0,014	0,018	FALSE
-0,115	0,286	-0,006	0,012	0,187	FALSE
-0,196	0,268	-0,010	0,014	0,316	FALSE
0,017	0,270	-0,001	0,012	0,018	FALSE
0,129	0,277	0,006	0,016	0,160	FALSE
-0,026	0,272	0,002	0,016	0,050	FALSE
0,038	0,291	0,003	0,015	0,073	FALSE
-0,061	0,289	-0,002	0,011	0,083	FALSE
0,030	0,271	0,001	0,010	0,037	FALSE
0,010	0,291	0,000	0,016	0,003	FALSE
0,159	0,286	0,008	0,016	0,199	FALSE

0,138	0,277	0,007	0,015	0,183	FALSE
0,129	0,262	0,004	0,008	0,196	FALSE
0,140	0,280	0,005	0,010	0,185	FALSE
-0,113	0,280	-0,008	0,016	0,209	FALSE
-0,002	0,282	0,002	0,012	0,051	FALSE
0,013	0,290	0,002	0,013	0,071	FALSE
0,073	0,285	0,003	0,010	0,102	FALSE
-0,073	0,277	-0,001	0,009	0,042	FALSE
0,180	0,267	0,008	0,014	0,228	FALSE
-0,072	0,291	-0,001	0,010	0,038	FALSE
-0,127	0,282	-0,003	0,010	0,123	FALSE
-0,099	0,291	-0,003	0,011	0,091	FALSE
-0,113	0,293	-0,003	0,011	0,108	FALSE
-0,005	0,299	0,001	0,010	0,031	FALSE
0,021	0,285	0,001	0,013	0,028	FALSE
0,126	0,277	0,006	0,010	0,241	FALSE
-0,026	0,296	-0,002	0,011	0,059	FALSE
-0,096	0,276	-0,005	0,014	0,151	FALSE
-0,145	0,281	-0,010	0,016	0,276	FALSE
-0,199	0,273	-0,012	0,014	0,398	FALSE
-0,184	0,287	-0,007	0,011	0,303	FALSE
0,058	0,272	0,001	0,010	0,032	FALSE
0,207	0,276	0,012	0,017	0,304	FALSE
-0,020	0,297	-0,001	0,013	0,025	FALSE
0,065	0,265	0,002	0,012	0,060	FALSE
-0,175	0,292	-0,005	0,009	0,231	FALSE
0,037	0,296	0,002	0,014	0,055	FALSE
0,070	0,261	0,005	0,015	0,141	FALSE
-0,134	0,285	-0,006	0,010	0,235	FALSE
0,077	0,287	0,005	0,017	0,128	FALSE
-0,072	0,277	-0,006	0,017	0,130	FALSE
0,088	0,291	0,005	0,017	0,119	FALSE
-0,091	0,295	-0,002	0,011	0,060	FALSE
0,081	0,284	0,005	0,018	0,118	FALSE
-0,167	0,290	-0,006	0,014	0,165	FALSE
-0,056	0,291	-0,002	0,013	0,073	FALSE
0,120	0,282	0,005	0,012	0,162	FALSE
0,059	0,285	0,004	0,016	0,083	FALSE
0,020	0,279	0,001	0,009	0,022	FALSE
-0,037	0,276	0,000	0,017	0,004	FALSE
-0,071	0,279	-0,003	0,017	0,063	FALSE
0,089	0,281	0,004	0,014	0,119	FALSE
-0,073	0,288	-0,003	0,017	0,074	FALSE
-0,196	0,274	-0,007	0,011	0,306	FALSE
-0,123	0,279	-0,003	0,009	0,130	FALSE
-0,085	0,281	-0,003	0,013	0,093	FALSE
-0,073	0,283	-0,004	0,012	0,138	FALSE
0,108	0,275	0,007	0,013	0,242	FALSE
0,025	0,270	0,004	0,016	0,107	FALSE
-0,031	0,291	-0,001	0,009	0,040	FALSE
-0,019	0,289	-0,001	0,015	0,024	FALSE
-0,095	0,284	-0,002	0,012	0,058	FALSE
0,068	0,282	0,002	0,010	0,070	FALSE

0,042	0,255	0,002	0,013	0,046	FALSE
0,100	0,267	0,003	0,016	0,076	FALSE
-0,097	0,286	0,000	0,013	0,014	FALSE
-0,108	0,288	-0,003	0,015	0,067	FALSE
0,072	0,280	0,003	0,016	0,073	FALSE
-0,096	0,270	-0,004	0,009	0,212	FALSE
0,106	0,290	0,003	0,013	0,096	FALSE
0,010	0,285	0,003	0,015	0,076	FALSE
-0,033	0,274	0,001	0,015	0,026	FALSE
-0,047	0,266	-0,004	0,010	0,163	FALSE
0,132	0,269	0,008	0,014	0,241	FALSE
0,028	0,262	0,003	0,018	0,060	FALSE
-0,164	0,269	-0,008	0,011	0,330	FALSE
-0,124	0,291	-0,006	0,011	0,253	FALSE
-0,100	0,276	-0,007	0,017	0,168	FALSE
0,059	0,275	0,003	0,014	0,073	FALSE
0,097	0,286	0,006	0,017	0,151	FALSE
0,225	0,250	0,015	0,017	0,409	FALSE
0,276	0,265	0,014	0,017	0,396	FALSE
-0,112	0,289	-0,004	0,012	0,129	FALSE
-0,001	0,298	0,000	0,018	0,006	FALSE
-0,118	0,283	-0,008	0,017	0,204	FALSE
0,063	0,280	0,001	0,017	0,023	FALSE
-0,064	0,288	-0,001	0,010	0,049	FALSE
-0,019	0,280	-0,001	0,011	0,025	FALSE
0,101	0,282	0,002	0,010	0,058	FALSE
0,198	0,269	0,010	0,013	0,380	FALSE
-0,001	0,290	-0,001	0,011	0,023	FALSE
0,258	0,266	0,007	0,009	0,343	FALSE
0,151	0,288	0,005	0,011	0,190	FALSE
-0,211	0,276	-0,006	0,009	0,305	FALSE
0,001	0,288	0,002	0,014	0,056	FALSE
-0,179	0,264	-0,008	0,012	0,314	FALSE
-0,171	0,273	-0,008	0,013	0,271	FALSE
0,128	0,275	0,004	0,011	0,156	FALSE
0,070	0,283	0,000	0,012	0,000	FALSE
0,131	0,272	0,005	0,012	0,174	FALSE
-0,201	0,273	-0,007	0,011	0,262	FALSE
-0,109	0,284	-0,004	0,011	0,170	FALSE
-0,121	0,289	-0,005	0,010	0,181	FALSE
0,013	0,290	0,000	0,010	0,014	FALSE
-0,097	0,280	-0,002	0,010	0,079	FALSE
0,095	0,272	0,004	0,013	0,108	FALSE
-0,154	0,291	-0,006	0,010	0,272	FALSE
-0,194	0,268	-0,005	0,008	0,265	FALSE
0,033	0,278	0,001	0,016	0,028	FALSE
0,227	0,265	0,009	0,016	0,246	FALSE
-0,030	0,275	-0,002	0,011	0,067	FALSE
0,176	0,270	0,007	0,010	0,312	FALSE
0,062	0,286	0,002	0,011	0,075	FALSE
0,061	0,285	0,003	0,009	0,117	FALSE
-0,005	0,297	0,002	0,009	0,073	FALSE
-0,183	0,265	-0,007	0,016	0,198	FALSE

0,036	0,279	0,004	0,014	0,129	FALSE
-0,027	0,293	-0,001	0,016	0,027	FALSE
-0,145	0,275	-0,004	0,018	0,093	FALSE
0,113	0,263	0,002	0,009	0,095	FALSE
0,118	0,274	0,003	0,009	0,112	FALSE
0,007	0,282	0,001	0,008	0,031	FALSE
0,016	0,299	0,001	0,012	0,037	FALSE
-0,080	0,272	-0,003	0,012	0,111	FALSE
-0,069	0,265	-0,003	0,010	0,117	FALSE
0,200	0,274	0,005	0,008	0,271	FALSE
0,103	0,276	0,002	0,013	0,051	FALSE
0,167	0,264	0,005	0,010	0,216	FALSE
0,031	0,274	0,002	0,016	0,036	FALSE
0,097	0,288	0,004	0,017	0,088	FALSE
0,010	0,291	0,001	0,016	0,021	FALSE
-0,003	0,294	0,001	0,017	0,014	FALSE
-0,107	0,302	-0,006	0,016	0,167	FALSE
0,004	0,289	0,001	0,017	0,025	FALSE
0,034	0,291	0,001	0,010	0,035	FALSE
-0,047	0,293	-0,003	0,017	0,056	FALSE
-0,044	0,305	-0,002	0,018	0,050	FALSE
0,007	0,272	-0,001	0,017	0,013	FALSE
-0,066	0,286	-0,001	0,016	0,015	FALSE
0,174	0,272	0,010	0,014	0,327	FALSE
0,178	0,278	0,012	0,016	0,323	FALSE
0,163	0,267	0,011	0,015	0,317	FALSE
-0,135	0,280	-0,010	0,016	0,275	FALSE
0,190	0,276	0,006	0,009	0,293	FALSE
-0,253	0,267	-0,007	0,010	0,326	FALSE
0,028	0,276	0,002	0,017	0,038	FALSE
0,172	0,280	0,005	0,010	0,193	FALSE
0,035	0,290	-0,001	0,014	0,023	FALSE
-0,139	0,273	-0,006	0,013	0,201	FALSE
0,187	0,292	0,007	0,011	0,272	FALSE
0,049	0,277	0,003	0,011	0,110	FALSE
0,252	0,263	0,010	0,012	0,393	FALSE
-0,121	0,281	-0,004	0,010	0,159	FALSE
-0,015	0,279	-0,001	0,015	0,019	FALSE
-0,078	0,280	-0,003	0,011	0,109	FALSE
0,016	0,284	0,001	0,015	0,014	FALSE
0,133	0,271	0,004	0,013	0,111	FALSE
0,005	0,280	0,001	0,009	0,031	FALSE
-0,074	0,275	-0,003	0,014	0,084	FALSE
0,067	0,277	0,002	0,010	0,069	FALSE
-0,164	0,269	-0,006	0,010	0,256	FALSE
0,034	0,296	0,002	0,012	0,052	FALSE
0,175	0,283	0,008	0,018	0,198	FALSE
0,167	0,262	0,006	0,015	0,142	FALSE
-0,022	0,294	-0,002	0,018	0,040	FALSE
0,048	0,284	0,003	0,016	0,059	FALSE
-0,123	0,275	-0,007	0,017	0,170	FALSE
0,142	0,288	0,004	0,011	0,158	FALSE
-0,055	0,278	-0,002	0,015	0,045	FALSE

-0,063	0,278	0,000	0,010	0,008	FALSE
-0,105	0,268	-0,003	0,008	0,156	FALSE
0,117	0,279	0,003	0,011	0,115	FALSE
-0,016	0,288	0,000	0,013	0,013	FALSE
0,042	0,284	0,000	0,017	0,006	FALSE
0,116	0,264	0,003	0,011	0,124	FALSE
0,086	0,261	0,005	0,013	0,143	FALSE
0,142	0,282	0,004	0,010	0,160	FALSE
-0,080	0,273	-0,005	0,012	0,159	FALSE
-0,131	0,281	-0,007	0,013	0,231	FALSE
-0,047	0,293	-0,002	0,014	0,064	FALSE
0,023	0,288	0,000	0,015	0,006	FALSE
-0,172	0,277	-0,008	0,013	0,274	FALSE
0,158	0,278	0,005	0,009	0,229	FALSE
-0,194	0,278	-0,006	0,011	0,233	FALSE
-0,036	0,275	-0,003	0,013	0,075	FALSE
-0,290	0,268	-0,013	0,015	0,406	FALSE
-0,105	0,291	-0,004	0,017	0,077	FALSE
0,176	0,271	0,008	0,013	0,291	FALSE
-0,066	0,281	-0,001	0,009	0,038	FALSE
-0,273	0,278	-0,011	0,015	0,316	FALSE
-0,057	0,282	-0,002	0,015	0,047	FALSE
0,014	0,294	0,001	0,010	0,049	FALSE
0,182	0,274	0,005	0,010	0,208	FALSE
0,065	0,281	0,004	0,012	0,125	FALSE
0,004	0,288	0,002	0,010	0,077	FALSE
0,313	0,257	0,009	0,010	0,417	FALSE
0,125	0,268	0,002	0,008	0,104	FALSE
0,037	0,296	0,000	0,010	0,008	FALSE
0,167	0,276	0,006	0,011	0,237	FALSE
0,100	0,284	0,004	0,010	0,157	FALSE
-0,023	0,287	0,000	0,009	0,016	FALSE
-0,068	0,285	-0,005	0,017	0,111	FALSE
-0,168	0,290	-0,009	0,015	0,274	FALSE
0,048	0,272	0,001	0,010	0,035	FALSE
-0,026	0,275	0,000	0,010	0,011	FALSE
-0,114	0,294	-0,007	0,017	0,177	FALSE
0,048	0,277	0,004	0,012	0,118	FALSE
0,130	0,277	0,006	0,017	0,137	FALSE
-0,172	0,286	-0,010	0,017	0,256	FALSE
-0,028	0,280	-0,005	0,016	0,119	FALSE
-0,138	0,281	-0,008	0,017	0,188	FALSE
-0,160	0,290	-0,005	0,010	0,232	FALSE
0,041	0,298	0,002	0,018	0,037	FALSE
-0,076	0,281	-0,002	0,010	0,076	FALSE
0,160	0,277	0,007	0,013	0,218	FALSE
0,033	0,298	0,001	0,018	0,023	FALSE
-0,099	0,272	-0,003	0,012	0,082	FALSE
-0,039	0,285	-0,002	0,015	0,060	FALSE
0,029	0,285	0,001	0,018	0,025	FALSE
-0,103	0,276	-0,003	0,012	0,094	FALSE
0,068	0,277	0,001	0,011	0,039	FALSE
-0,048	0,282	-0,002	0,009	0,077	FALSE

0,080	0,281	0,001	0,015	0,033	FALSE
-0,109	0,276	-0,004	0,009	0,201	FALSE
-0,204	0,276	-0,005	0,009	0,243	FALSE
-0,072	0,290	-0,004	0,017	0,080	FALSE
0,003	0,284	0,000	0,011	0,014	FALSE
0,252	0,272	0,013	0,018	0,344	FALSE
-0,151	0,280	-0,008	0,017	0,184	FALSE
-0,124	0,293	-0,005	0,014	0,151	FALSE
0,053	0,295	0,002	0,014	0,042	FALSE
0,074	0,289	0,003	0,010	0,135	FALSE
0,004	0,285	-0,001	0,018	0,023	FALSE
-0,088	0,291	-0,002	0,010	0,076	FALSE
-0,005	0,298	0,000	0,012	0,013	FALSE
-0,006	0,288	0,000	0,012	0,008	FALSE
-0,043	0,293	-0,002	0,012	0,057	FALSE
0,108	0,267	0,001	0,010	0,046	FALSE
0,171	0,278	0,009	0,015	0,249	FALSE
0,063	0,285	0,004	0,010	0,150	FALSE
0,133	0,277	0,004	0,015	0,091	FALSE
-0,073	0,275	-0,002	0,018	0,037	FALSE
-0,083	0,284	-0,002	0,013	0,046	FALSE
-0,003	0,283	0,000	0,012	0,007	FALSE
0,072	0,290	0,005	0,017	0,113	FALSE
0,165	0,272	0,006	0,016	0,161	FALSE
-0,032	0,284	-0,002	0,010	0,068	FALSE
0,110	0,287	0,005	0,012	0,174	FALSE
0,019	0,298	0,000	0,016	0,002	FALSE
-0,063	0,291	-0,001	0,009	0,041	FALSE
0,068	0,290	0,004	0,017	0,080	FALSE
0,081	0,289	0,004	0,011	0,123	FALSE
0,071	0,293	0,004	0,012	0,135	FALSE
0,076	0,288	0,005	0,013	0,154	FALSE
0,160	0,285	0,005	0,009	0,238	FALSE
0,167	0,272	0,005	0,012	0,161	FALSE
-0,203	0,264	-0,006	0,010	0,253	FALSE
0,050	0,288	0,002	0,010	0,095	FALSE
-0,009	0,286	-0,003	0,015	0,071	FALSE
-0,021	0,285	0,002	0,017	0,032	FALSE
-0,057	0,281	-0,002	0,011	0,064	FALSE
0,073	0,290	0,002	0,011	0,067	FALSE
0,083	0,280	0,004	0,010	0,187	FALSE
0,245	0,266	0,011	0,014	0,371	FALSE
0,089	0,266	0,001	0,014	0,039	FALSE
0,083	0,286	0,003	0,009	0,124	FALSE
-0,167	0,276	-0,006	0,011	0,229	FALSE
0,191	0,270	0,009	0,012	0,349	FALSE
0,083	0,278	0,003	0,011	0,096	FALSE
-0,315	0,272	-0,013	0,012	0,562	FALSE
-0,301	0,268	-0,013	0,013	0,506	FALSE
-0,025	0,287	0,000	0,010	0,002	FALSE
0,256	0,271	0,010	0,012	0,381	FALSE
-0,194	0,264	-0,009	0,017	0,224	FALSE
0,207	0,258	0,005	0,009	0,256	FALSE

-0,044	0,282	-0,002	0,016	0,047	FALSE
0,018	0,278	-0,001	0,017	0,032	FALSE
0,147	0,280	0,003	0,017	0,067	FALSE
0,166	0,286	0,005	0,009	0,219	FALSE
0,111	0,281	0,006	0,017	0,137	FALSE
0,070	0,283	0,002	0,013	0,048	FALSE
0,118	0,289	0,006	0,015	0,164	FALSE
-0,078	0,275	-0,001	0,013	0,038	FALSE
0,040	0,286	0,002	0,009	0,068	FALSE
-0,049	0,296	-0,002	0,014	0,064	FALSE
0,258	0,259	0,008	0,011	0,345	FALSE
-0,034	0,288	-0,001	0,018	0,029	FALSE
-0,104	0,281	-0,002	0,012	0,072	FALSE
-0,142	0,271	-0,004	0,011	0,137	FALSE
0,060	0,305	0,003	0,018	0,064	FALSE
-0,045	0,295	0,000	0,013	0,005	FALSE
-0,126	0,286	-0,005	0,010	0,217	FALSE
0,283	0,255	0,010	0,011	0,410	FALSE
-0,062	0,287	-0,002	0,012	0,068	FALSE
0,131	0,252	0,003	0,008	0,171	FALSE
0,107	0,270	0,003	0,012	0,094	FALSE
0,154	0,285	0,006	0,013	0,181	FALSE
-0,175	0,290	-0,005	0,009	0,231	FALSE
-0,180	0,275	-0,005	0,009	0,261	FALSE
-0,157	0,288	-0,005	0,009	0,224	FALSE
0,014	0,283	0,000	0,009	0,019	FALSE
-0,111	0,281	-0,003	0,011	0,114	FALSE
-0,057	0,286	-0,001	0,010	0,019	FALSE
0,013	0,283	0,002	0,016	0,042	FALSE
0,115	0,262	0,004	0,009	0,167	FALSE
0,069	0,280	0,001	0,015	0,035	FALSE
0,183	0,274	0,008	0,017	0,183	FALSE
0,107	0,282	0,004	0,018	0,081	FALSE
-0,257	0,270	-0,012	0,016	0,347	FALSE
-0,247	0,268	-0,011	0,015	0,331	FALSE
-0,203	0,277	-0,008	0,016	0,202	FALSE
-0,134	0,283	-0,004	0,012	0,140	FALSE
-0,170	0,280	-0,006	0,012	0,192	FALSE
-0,109	0,294	-0,003	0,012	0,086	FALSE
-0,113	0,292	-0,003	0,012	0,085	FALSE
0,032	0,290	0,001	0,012	0,041	FALSE
-0,067	0,279	-0,001	0,009	0,050	FALSE
-0,017	0,288	0,001	0,012	0,028	FALSE
-0,052	0,288	-0,002	0,014	0,043	FALSE
-0,080	0,281	-0,002	0,012	0,055	FALSE
-0,159	0,278	-0,006	0,012	0,199	FALSE
-0,143	0,285	-0,004	0,012	0,145	FALSE
-0,237	0,277	-0,008	0,013	0,258	FALSE
-0,176	0,281	-0,005	0,013	0,157	FALSE
-0,064	0,294	-0,001	0,009	0,039	FALSE
-0,281	0,271	-0,011	0,012	0,415	FALSE
-0,219	0,289	-0,007	0,010	0,325	FALSE
-0,289	0,257	-0,011	0,011	0,496	FALSE

-0,210	0,276	-0,005	0,011	0,212	FALSE
-0,175	0,269	-0,006	0,012	0,198	FALSE
-0,163	0,276	-0,006	0,013	0,181	FALSE
-0,024	0,280	-0,001	0,015	0,019	FALSE
-0,046	0,290	-0,003	0,015	0,076	FALSE
-0,051	0,278	0,000	0,011	0,005	FALSE
-0,040	0,278	-0,003	0,013	0,077	FALSE
-0,060	0,282	-0,003	0,013	0,098	FALSE
-0,181	0,271	-0,008	0,015	0,227	FALSE
0,018	0,269	-0,001	0,014	0,016	FALSE
-0,067	0,290	-0,003	0,017	0,073	FALSE
0,022	0,284	0,002	0,018	0,033	FALSE
-0,061	0,269	-0,001	0,016	0,025	FALSE
-0,079	0,277	-0,006	0,016	0,137	FALSE
-0,149	0,273	-0,007	0,015	0,189	FALSE
0,016	0,292	0,001	0,015	0,015	FALSE
-0,121	0,297	-0,007	0,017	0,159	FALSE
0,014	0,291	0,000	0,014	0,001	FALSE
-0,195	0,282	-0,008	0,014	0,251	FALSE
-0,226	0,282	-0,010	0,015	0,284	FALSE
0,055	0,294	0,004	0,015	0,089	FALSE
-0,131	0,286	-0,004	0,013	0,135	FALSE
-0,164	0,290	-0,004	0,009	0,196	FALSE
0,004	0,286	0,001	0,015	0,031	FALSE
0,007	0,284	0,002	0,014	0,050	FALSE
-0,151	0,300	-0,004	0,010	0,167	FALSE
-0,168	0,282	-0,005	0,010	0,186	FALSE
-0,034	0,268	-0,001	0,013	0,017	FALSE
-0,050	0,291	-0,002	0,009	0,069	FALSE
-0,236	0,283	-0,008	0,012	0,289	FALSE
-0,059	0,279	-0,001	0,010	0,026	FALSE
-0,094	0,278	-0,002	0,010	0,078	FALSE
-0,158	0,287	-0,005	0,012	0,154	FALSE
-0,104	0,268	-0,004	0,013	0,125	FALSE
0,082	0,272	0,004	0,009	0,171	FALSE
-0,115	0,283	-0,005	0,013	0,145	FALSE
0,023	0,271	0,002	0,009	0,080	FALSE
-0,056	0,287	-0,005	0,016	0,122	FALSE
0,185	0,260	0,007	0,010	0,304	FALSE
0,075	0,271	0,004	0,016	0,089	FALSE
-0,153	0,265	-0,007	0,014	0,222	FALSE
-0,011	0,294	0,000	0,011	0,015	FALSE
-0,088	0,287	-0,002	0,013	0,061	FALSE
-0,135	0,279	-0,004	0,011	0,149	FALSE
-0,170	0,285	-0,007	0,013	0,222	FALSE
-0,009	0,291	-0,003	0,018	0,066	FALSE
0,050	0,281	0,001	0,009	0,053	FALSE
0,013	0,291	-0,001	0,018	0,021	FALSE
0,080	0,283	0,002	0,009	0,098	FALSE
-0,066	0,302	-0,002	0,011	0,059	FALSE
0,040	0,277	0,002	0,010	0,063	FALSE
0,054	0,289	0,001	0,017	0,014	FALSE
0,040	0,269	0,002	0,009	0,081	FALSE

-0,196	0,275	-0,007	0,011	0,287	FALSE
-0,183	0,276	-0,007	0,010	0,302	FALSE
0,189	0,269	0,008	0,010	0,376	FALSE
-0,080	0,288	-0,001	0,009	0,040	FALSE
0,141	0,284	0,005	0,012	0,145	FALSE
-0,049	0,275	0,000	0,011	0,014	FALSE
0,054	0,282	0,002	0,012	0,054	FALSE
0,088	0,271	0,004	0,014	0,112	FALSE
0,025	0,282	0,003	0,012	0,093	FALSE
-0,018	0,287	0,000	0,016	0,002	FALSE
0,000	0,291	0,000	0,015	0,007	FALSE
-0,022	0,287	-0,002	0,015	0,038	FALSE
0,011	0,294	0,001	0,015	0,014	FALSE
0,130	0,289	0,003	0,009	0,138	FALSE
-0,127	0,296	-0,006	0,017	0,138	FALSE
0,074	0,270	0,003	0,016	0,058	FALSE
0,180	0,276	0,006	0,009	0,271	FALSE
-0,027	0,283	0,001	0,011	0,048	FALSE
-0,057	0,288	0,001	0,013	0,032	FALSE
0,068	0,282	0,003	0,016	0,080	FALSE
-0,025	0,271	-0,002	0,015	0,048	FALSE
-0,011	0,275	-0,001	0,014	0,020	FALSE
0,089	0,287	0,004	0,016	0,102	FALSE
0,003	0,293	0,000	0,016	0,008	FALSE
-0,061	0,273	-0,003	0,014	0,087	FALSE
-0,171	0,269	-0,009	0,014	0,286	FALSE
0,034	0,281	0,001	0,016	0,015	FALSE
0,064	0,286	0,003	0,017	0,058	FALSE
-0,035	0,257	-0,001	0,016	0,020	FALSE
-0,012	0,269	0,000	0,017	0,000	FALSE
-0,158	0,276	-0,010	0,015	0,297	FALSE
-0,082	0,263	-0,003	0,016	0,073	FALSE
-0,071	0,265	-0,002	0,016	0,056	FALSE
-0,067	0,261	-0,002	0,015	0,058	FALSE
-0,077	0,269	-0,003	0,016	0,071	FALSE
-0,077	0,280	-0,007	0,016	0,175	FALSE
-0,067	0,251	-0,003	0,016	0,060	FALSE
-0,146	0,281	-0,004	0,010	0,175	FALSE
-0,280	0,263	-0,017	0,017	0,488	FALSE
0,047	0,277	0,001	0,018	0,023	FALSE
0,106	0,276	0,003	0,008	0,163	FALSE
0,174	0,281	0,007	0,011	0,257	FALSE
-0,176	0,273	-0,007	0,015	0,190	FALSE
0,237	0,266	0,012	0,018	0,288	FALSE
-0,050	0,284	-0,002	0,010	0,092	FALSE
-0,245	0,280	-0,008	0,013	0,287	FALSE
-0,068	0,286	-0,003	0,009	0,122	FALSE
0,052	0,271	0,006	0,016	0,133	FALSE
0,063	0,266	0,006	0,016	0,145	FALSE
0,100	0,261	0,001	0,012	0,023	FALSE
-0,134	0,292	-0,003	0,010	0,137	FALSE
-0,134	0,291	-0,003	0,009	0,151	FALSE
0,092	0,263	0,005	0,015	0,145	FALSE

0,173	0,266	0,009	0,017	0,237	FALSE
0,078	0,288	0,003	0,012	0,108	FALSE
0,035	0,275	0,000	0,014	0,009	FALSE
0,109	0,275	0,008	0,015	0,230	FALSE
-0,029	0,271	-0,001	0,018	0,023	FALSE
-0,154	0,269	-0,005	0,013	0,142	FALSE
-0,099	0,270	-0,002	0,014	0,047	FALSE
-0,145	0,265	-0,005	0,014	0,147	FALSE
-0,098	0,272	-0,009	0,014	0,284	FALSE
0,057	0,289	0,003	0,009	0,124	FALSE
-0,111	0,278	-0,002	0,014	0,059	FALSE
-0,025	0,280	-0,002	0,010	0,068	FALSE
-0,040	0,281	-0,001	0,016	0,023	FALSE
0,231	0,276	0,011	0,016	0,295	FALSE
-0,029	0,304	0,000	0,010	0,016	FALSE
-0,037	0,282	-0,002	0,016	0,046	FALSE
-0,076	0,290	-0,004	0,013	0,131	FALSE
0,020	0,286	0,003	0,016	0,076	FALSE
0,041	0,282	0,005	0,016	0,110	FALSE
0,061	0,293	0,006	0,016	0,158	FALSE
0,042	0,284	0,003	0,015	0,079	FALSE
0,019	0,291	0,002	0,016	0,054	FALSE
0,012	0,301	0,002	0,016	0,055	FALSE
0,106	0,276	0,006	0,012	0,214	FALSE
0,142	0,288	0,005	0,012	0,173	FALSE
-0,224	0,278	-0,010	0,013	0,379	FALSE
-0,203	0,271	-0,009	0,012	0,354	FALSE
0,105	0,271	0,006	0,016	0,154	FALSE
0,123	0,289	0,006	0,011	0,205	FALSE
0,111	0,278	0,003	0,009	0,130	FALSE
0,082	0,284	0,002	0,013	0,066	FALSE
0,018	0,285	0,002	0,017	0,051	FALSE
0,033	0,280	0,001	0,009	0,058	FALSE
-0,110	0,281	-0,004	0,018	0,077	FALSE
0,003	0,263	0,001	0,014	0,020	FALSE
-0,109	0,273	-0,004	0,017	0,088	FALSE
-0,273	0,267	-0,009	0,012	0,343	FALSE
-0,117	0,278	-0,005	0,018	0,100	FALSE
-0,126	0,274	-0,004	0,017	0,086	FALSE
-0,061	0,292	-0,003	0,017	0,057	FALSE
0,062	0,290	0,003	0,016	0,071	FALSE
0,039	0,284	0,003	0,015	0,067	FALSE
0,112	0,285	0,004	0,015	0,104	FALSE
0,089	0,285	0,007	0,016	0,164	FALSE
-0,065	0,274	-0,006	0,015	0,152	FALSE
-0,083	0,266	-0,007	0,014	0,212	FALSE
-0,088	0,288	-0,003	0,010	0,134	FALSE
0,102	0,287	0,004	0,014	0,102	FALSE
0,182	0,283	0,009	0,016	0,238	FALSE
0,160	0,264	0,003	0,009	0,144	FALSE
0,009	0,280	0,000	0,012	0,005	FALSE
-0,142	0,275	-0,005	0,009	0,233	FALSE
0,007	0,271	-0,001	0,009	0,031	FALSE

0,095	0,290	0,006	0,014	0,160	FALSE
-0,144	0,293	-0,004	0,011	0,145	FALSE
-0,009	0,285	0,000	0,016	0,006	FALSE
0,105	0,297	0,005	0,011	0,191	FALSE
0,088	0,303	0,003	0,014	0,070	FALSE
-0,066	0,298	-0,006	0,017	0,130	FALSE
-0,010	0,303	-0,001	0,014	0,027	FALSE
-0,030	0,278	0,000	0,015	0,011	FALSE
-0,136	0,276	-0,007	0,016	0,195	FALSE
-0,149	0,285	-0,009	0,016	0,228	FALSE
-0,186	0,279	-0,004	0,010	0,180	FALSE
0,138	0,288	0,005	0,016	0,113	FALSE
0,071	0,288	0,004	0,014	0,105	FALSE
-0,026	0,283	0,001	0,011	0,020	FALSE
0,141	0,282	0,008	0,015	0,217	FALSE
0,012	0,287	0,000	0,016	0,010	FALSE
-0,064	0,288	-0,001	0,009	0,028	FALSE
-0,052	0,274	0,000	0,009	0,019	FALSE
-0,058	0,280	-0,001	0,009	0,036	FALSE
-0,053	0,299	0,000	0,010	0,007	FALSE
0,056	0,288	0,004	0,015	0,097	FALSE
0,017	0,290	0,003	0,015	0,075	FALSE
0,016	0,285	-0,001	0,017	0,029	FALSE
0,155	0,279	0,005	0,014	0,154	FALSE
0,062	0,258	0,001	0,017	0,025	FALSE
0,019	0,287	0,001	0,011	0,043	FALSE
0,148	0,269	0,005	0,010	0,210	FALSE
-0,108	0,277	-0,004	0,009	0,179	FALSE
-0,101	0,290	-0,006	0,016	0,153	FALSE
0,123	0,263	0,003	0,012	0,106	FALSE
-0,106	0,280	-0,004	0,010	0,148	FALSE
-0,032	0,293	-0,001	0,010	0,035	FALSE
-0,186	0,286	-0,005	0,010	0,178	FALSE
-0,091	0,279	-0,003	0,010	0,100	FALSE
-0,029	0,274	-0,001	0,016	0,016	FALSE
-0,012	0,286	-0,001	0,011	0,039	FALSE
-0,133	0,281	-0,005	0,015	0,119	FALSE
-0,082	0,283	-0,004	0,017	0,090	FALSE
-0,012	0,298	0,000	0,011	0,013	FALSE
0,067	0,275	0,002	0,011	0,084	FALSE
0,045	0,290	0,002	0,013	0,053	FALSE
0,149	0,266	0,008	0,018	0,178	FALSE
0,003	0,292	0,002	0,016	0,037	FALSE
0,052	0,278	0,004	0,015	0,114	FALSE
-0,076	0,294	-0,003	0,010	0,123	FALSE
-0,013	0,281	-0,001	0,013	0,035	FALSE
-0,076	0,278	-0,003	0,012	0,086	FALSE
-0,083	0,286	-0,004	0,012	0,122	FALSE
-0,058	0,292	-0,002	0,013	0,066	FALSE
0,140	0,280	0,006	0,010	0,262	FALSE
0,118	0,285	0,007	0,013	0,224	FALSE
0,144	0,269	0,004	0,009	0,194	FALSE
0,088	0,300	0,003	0,011	0,090	FALSE

0,129	0,279	0,004	0,010	0,156	FALSE
0,245	0,272	0,009	0,012	0,319	FALSE
0,045	0,294	0,002	0,018	0,041	FALSE
0,092	0,291	0,004	0,012	0,150	FALSE
0,047	0,298	0,002	0,015	0,043	FALSE
-0,244	0,263	-0,009	0,010	0,435	FALSE
-0,186	0,276	-0,008	0,012	0,295	FALSE
0,196	0,281	0,006	0,010	0,247	FALSE
0,114	0,273	0,004	0,018	0,089	FALSE
0,163	0,268	0,006	0,012	0,192	FALSE
0,221	0,256	0,006	0,012	0,227	FALSE
0,218	0,269	0,006	0,011	0,236	FALSE
0,173	0,277	0,005	0,012	0,179	FALSE
-0,001	0,282	0,000	0,013	0,005	FALSE
-0,139	0,294	-0,003	0,009	0,157	FALSE
0,004	0,295	-0,001	0,015	0,034	FALSE
-0,065	0,286	-0,003	0,013	0,081	FALSE
0,232	0,275	0,008	0,009	0,415	FALSE
-0,217	0,277	-0,008	0,015	0,234	FALSE
0,024	0,278	0,003	0,018	0,053	FALSE
0,043	0,282	0,001	0,018	0,028	FALSE
0,039	0,282	0,002	0,018	0,034	FALSE
-0,009	0,277	0,000	0,012	0,010	FALSE
0,054	0,286	0,002	0,017	0,054	FALSE
0,025	0,302	0,001	0,011	0,049	FALSE
-0,022	0,276	0,000	0,011	0,008	FALSE
-0,008	0,281	-0,002	0,015	0,041	FALSE
-0,058	0,286	-0,001	0,010	0,043	FALSE
-0,026	0,268	0,000	0,008	0,001	FALSE
-0,077	0,298	-0,004	0,015	0,103	FALSE
-0,034	0,274	-0,003	0,016	0,068	FALSE
-0,060	0,278	0,000	0,010	0,002	FALSE
-0,050	0,279	-0,003	0,014	0,084	FALSE
-0,007	0,283	0,003	0,015	0,076	FALSE
-0,159	0,301	-0,005	0,010	0,192	FALSE
-0,127	0,274	-0,004	0,009	0,158	FALSE
-0,073	0,281	-0,002	0,010	0,078	FALSE
0,074	0,281	0,002	0,013	0,071	FALSE
-0,005	0,287	0,000	0,012	0,007	FALSE
-0,001	0,288	0,000	0,011	0,011	FALSE
0,093	0,270	0,003	0,013	0,084	FALSE
-0,269	0,270	-0,018	0,019	0,471	FALSE
0,117	0,274	0,006	0,014	0,154	FALSE
-0,127	0,292	-0,005	0,009	0,231	FALSE
-0,135	0,263	-0,008	0,016	0,216	FALSE
0,082	0,287	0,004	0,011	0,134	FALSE
0,056	0,294	0,001	0,011	0,041	FALSE
-0,034	0,282	-0,002	0,014	0,055	FALSE
-0,072	0,266	-0,003	0,014	0,087	FALSE
0,121	0,282	0,005	0,010	0,201	FALSE
0,010	0,297	0,000	0,014	0,002	FALSE
0,151	0,283	0,008	0,015	0,233	FALSE
0,120	0,302	0,007	0,014	0,206	FALSE

-0,063	0,292	-0,003	0,009	0,125	FALSE
0,051	0,290	0,004	0,016	0,087	FALSE
-0,167	0,288	-0,007	0,012	0,254	FALSE
-0,111	0,276	-0,006	0,012	0,187	FALSE
-0,083	0,277	-0,004	0,012	0,135	FALSE
-0,113	0,271	-0,005	0,012	0,189	FALSE
-0,130	0,280	-0,007	0,017	0,153	FALSE
0,025	0,264	-0,001	0,011	0,022	FALSE
-0,028	0,280	0,000	0,008	0,006	FALSE
0,003	0,288	0,000	0,010	0,012	FALSE
-0,123	0,287	-0,003	0,009	0,127	FALSE
-0,003	0,285	-0,001	0,013	0,040	FALSE
-0,022	0,287	-0,001	0,014	0,028	FALSE
-0,026	0,283	-0,002	0,014	0,067	FALSE
-0,096	0,294	-0,005	0,014	0,150	FALSE
0,081	0,274	0,003	0,008	0,129	FALSE
0,060	0,278	0,003	0,013	0,079	FALSE
0,104	0,290	0,002	0,009	0,107	FALSE
-0,036	0,282	-0,001	0,017	0,025	FALSE
-0,045	0,275	-0,002	0,016	0,037	FALSE
-0,056	0,270	-0,003	0,016	0,057	FALSE
-0,036	0,292	-0,001	0,017	0,029	FALSE
-0,152	0,278	-0,006	0,012	0,219	FALSE
0,055	0,282	0,003	0,017	0,070	FALSE
-0,048	0,285	-0,002	0,011	0,084	FALSE
-0,049	0,285	-0,001	0,016	0,026	FALSE
0,062	0,280	0,001	0,009	0,056	FALSE
0,048	0,285	0,001	0,011	0,038	FALSE
0,047	0,289	0,001	0,012	0,023	FALSE
0,298	0,253	0,015	0,014	0,520	FALSE
-0,212	0,264	-0,011	0,014	0,364	FALSE
-0,093	0,273	-0,003	0,014	0,073	FALSE
-0,056	0,265	-0,004	0,017	0,100	FALSE
0,066	0,280	0,002	0,010	0,084	FALSE
-0,081	0,286	-0,002	0,016	0,047	FALSE
-0,141	0,284	-0,005	0,011	0,207	FALSE
-0,101	0,279	-0,004	0,017	0,082	FALSE
-0,004	0,279	0,003	0,013	0,074	FALSE
-0,255	0,258	-0,011	0,013	0,416	FALSE
0,168	0,267	0,011	0,018	0,277	FALSE
0,017	0,277	-0,001	0,012	0,038	FALSE
0,082	0,294	0,005	0,017	0,117	FALSE
-0,143	0,284	-0,006	0,010	0,261	FALSE
-0,041	0,293	0,000	0,009	0,019	FALSE
-0,023	0,279	-0,002	0,017	0,043	FALSE
-0,007	0,281	0,000	0,010	0,016	FALSE
0,113	0,280	0,005	0,018	0,101	FALSE
-0,050	0,285	-0,001	0,009	0,046	FALSE
-0,037	0,296	-0,001	0,014	0,035	FALSE
-0,014	0,278	-0,001	0,009	0,049	FALSE
0,060	0,282	0,002	0,018	0,046	FALSE
0,172	0,279	0,009	0,017	0,220	FALSE
0,004	0,291	0,002	0,010	0,061	FALSE

-0,027	0,273	-0,001	0,009	0,047	FALSE
0,035	0,273	0,001	0,017	0,014	FALSE
0,222	0,264	0,006	0,009	0,321	FALSE
-0,012	0,280	0,001	0,011	0,035	FALSE
0,015	0,306	0,002	0,016	0,040	FALSE
-0,078	0,288	-0,003	0,012	0,101	FALSE
0,043	0,276	0,002	0,016	0,037	FALSE
-0,080	0,279	-0,006	0,017	0,151	FALSE
-0,219	0,279	-0,007	0,010	0,361	FALSE
-0,202	0,274	-0,006	0,009	0,266	FALSE
0,214	0,243	0,007	0,009	0,361	FALSE
0,054	0,271	0,001	0,009	0,056	FALSE
0,001	0,293	0,000	0,013	0,001	FALSE
-0,051	0,285	-0,006	0,017	0,142	FALSE
-0,140	0,267	-0,005	0,012	0,184	FALSE
-0,182	0,281	-0,007	0,011	0,272	FALSE
0,017	0,266	0,000	0,008	0,012	FALSE
-0,017	0,268	-0,001	0,016	0,033	FALSE
-0,023	0,292	-0,002	0,018	0,040	FALSE
0,046	0,297	0,003	0,016	0,059	FALSE
0,107	0,285	0,004	0,009	0,184	FALSE
0,088	0,282	0,006	0,012	0,224	FALSE
-0,064	0,288	-0,006	0,016	0,158	FALSE
-0,094	0,280	-0,009	0,016	0,237	FALSE
0,024	0,290	-0,001	0,018	0,016	FALSE
-0,084	0,275	-0,003	0,012	0,089	FALSE
-0,078	0,272	-0,004	0,013	0,126	FALSE
-0,004	0,296	-0,001	0,015	0,019	FALSE
0,135	0,290	0,007	0,017	0,178	FALSE
0,252	0,266	0,007	0,010	0,310	FALSE
0,079	0,296	0,003	0,016	0,066	FALSE
0,255	0,261	0,015	0,016	0,461	FALSE
0,280	0,271	0,012	0,012	0,511	FALSE
-0,074	0,289	-0,004	0,012	0,125	FALSE
0,258	0,268	0,007	0,009	0,334	FALSE
0,025	0,283	0,002	0,009	0,082	FALSE
-0,035	0,301	0,000	0,019	0,007	FALSE
-0,077	0,279	-0,001	0,014	0,032	FALSE
0,004	0,305	0,001	0,018	0,024	FALSE
-0,106	0,287	-0,004	0,012	0,122	FALSE
-0,137	0,282	-0,005	0,012	0,172	FALSE
0,004	0,283	0,002	0,017	0,043	FALSE
0,160	0,271	0,007	0,017	0,176	FALSE
0,182	0,279	0,009	0,017	0,228	FALSE
0,090	0,291	0,002	0,013	0,049	FALSE
0,016	0,295	0,001	0,019	0,012	FALSE
0,105	0,287	0,005	0,013	0,141	FALSE
0,083	0,279	0,002	0,017	0,048	FALSE
0,011	0,266	-0,002	0,012	0,050	FALSE
0,177	0,288	0,011	0,017	0,286	FALSE
0,088	0,271	0,004	0,012	0,124	FALSE
0,060	0,278	0,004	0,015	0,102	FALSE
0,050	0,281	0,004	0,015	0,111	FALSE

-0,006	0,297	0,001	0,013	0,022	FALSE
-0,139	0,280	-0,011	0,018	0,274	FALSE
-0,136	0,281	-0,011	0,018	0,269	FALSE
-0,144	0,283	-0,008	0,016	0,220	FALSE
-0,060	0,294	-0,003	0,015	0,073	FALSE
-0,070	0,287	-0,003	0,014	0,077	FALSE
0,003	0,298	-0,001	0,015	0,015	FALSE
0,032	0,287	0,002	0,016	0,042	FALSE
-0,007	0,280	-0,001	0,015	0,036	FALSE
-0,125	0,286	-0,003	0,014	0,078	FALSE
-0,103	0,285	-0,002	0,012	0,070	FALSE
-0,035	0,287	-0,003	0,014	0,076	FALSE
-0,041	0,274	-0,002	0,014	0,061	FALSE
-0,051	0,277	-0,003	0,014	0,080	FALSE
-0,026	0,286	-0,002	0,015	0,049	FALSE
-0,044	0,286	-0,001	0,011	0,041	FALSE
0,028	0,278	0,000	0,009	0,019	FALSE
0,086	0,261	0,002	0,009	0,085	FALSE
0,039	0,285	0,001	0,010	0,030	FALSE
0,029	0,286	0,001	0,010	0,036	FALSE
-0,098	0,288	-0,003	0,010	0,107	FALSE
-0,078	0,289	-0,002	0,010	0,072	FALSE
0,099	0,278	0,003	0,009	0,113	FALSE
0,036	0,291	0,003	0,017	0,056	FALSE
-0,002	0,293	-0,001	0,016	0,013	FALSE
-0,121	0,277	-0,003	0,014	0,097	FALSE
0,011	0,282	0,001	0,017	0,012	FALSE
0,191	0,277	0,008	0,012	0,287	FALSE
-0,195	0,285	-0,005	0,008	0,277	FALSE
-0,037	0,287	-0,001	0,011	0,031	FALSE
-0,086	0,287	-0,002	0,011	0,085	FALSE
0,001	0,294	0,002	0,009	0,084	FALSE
0,043	0,279	0,000	0,017	0,001	FALSE
0,016	0,268	-0,002	0,011	0,089	FALSE
-0,073	0,286	-0,003	0,009	0,123	FALSE
-0,110	0,285	-0,004	0,011	0,149	FALSE
-0,008	0,293	0,001	0,012	0,037	FALSE
-0,035	0,281	-0,002	0,016	0,052	FALSE
-0,044	0,275	-0,006	0,017	0,150	FALSE
0,237	0,259	0,011	0,014	0,379	FALSE
-0,011	0,286	0,000	0,010	0,013	FALSE
0,097	0,285	0,003	0,018	0,070	FALSE
-0,116	0,286	-0,003	0,010	0,124	FALSE
0,082	0,263	0,005	0,014	0,160	FALSE
0,029	0,284	0,002	0,009	0,067	FALSE
-0,185	0,287	-0,009	0,016	0,243	FALSE
0,008	0,285	0,000	0,016	0,004	FALSE
-0,007	0,271	0,001	0,011	0,023	FALSE
-0,090	0,291	-0,001	0,015	0,033	FALSE
0,130	0,270	0,004	0,016	0,101	FALSE
0,050	0,277	0,002	0,012	0,046	FALSE
0,138	0,280	0,005	0,012	0,163	FALSE
-0,058	0,280	0,000	0,017	0,005	FALSE

-0,109	0,297	-0,004	0,018	0,078	FALSE
-0,095	0,270	-0,003	0,016	0,060	FALSE
-0,099	0,271	-0,003	0,017	0,064	FALSE
-0,108	0,273	-0,003	0,017	0,073	FALSE
0,255	0,278	0,012	0,018	0,299	FALSE
0,000	0,295	-0,002	0,016	0,040	FALSE
-0,153	0,275	-0,008	0,018	0,173	FALSE
0,046	0,293	0,001	0,010	0,054	FALSE
0,027	0,296	0,001	0,010	0,049	FALSE
0,009	0,294	0,001	0,009	0,059	FALSE
0,138	0,287	0,008	0,017	0,188	FALSE
-0,013	0,285	-0,001	0,012	0,019	FALSE
0,051	0,281	0,002	0,010	0,062	FALSE
-0,095	0,288	-0,005	0,013	0,173	FALSE
0,098	0,285	0,004	0,018	0,084	FALSE
0,050	0,279	0,001	0,009	0,057	FALSE
-0,002	0,288	0,000	0,012	0,005	FALSE
0,079	0,281	0,003	0,010	0,100	FALSE
-0,028	0,282	-0,003	0,017	0,064	FALSE
-0,019	0,278	0,000	0,012	0,012	FALSE
0,002	0,296	-0,001	0,018	0,027	FALSE
0,149	0,261	0,003	0,008	0,171	FALSE
-0,012	0,287	0,001	0,012	0,023	FALSE
0,055	0,286	0,001	0,017	0,027	FALSE
-0,115	0,272	-0,006	0,017	0,141	FALSE
-0,134	0,266	-0,007	0,017	0,164	FALSE
-0,130	0,271	-0,006	0,017	0,143	FALSE
-0,102	0,280	-0,005	0,018	0,102	FALSE
0,114	0,279	0,004	0,012	0,118	FALSE
0,009	0,281	0,000	0,013	0,008	FALSE
0,015	0,293	0,000	0,014	0,011	FALSE
0,081	0,274	0,002	0,013	0,060	FALSE
-0,021	0,302	0,000	0,009	0,001	FALSE
0,142	0,268	0,003	0,009	0,138	FALSE
0,003	0,288	-0,001	0,017	0,027	FALSE
-0,068	0,274	-0,006	0,016	0,144	FALSE
0,067	0,298	0,004	0,017	0,089	FALSE
0,065	0,295	0,002	0,010	0,078	FALSE
0,186	0,273	0,010	0,017	0,241	FALSE
-0,040	0,277	-0,002	0,013	0,054	FALSE
0,110	0,280	0,003	0,011	0,123	FALSE
-0,211	0,268	-0,010	0,012	0,377	FALSE
0,021	0,278	0,001	0,009	0,045	FALSE
0,073	0,280	0,005	0,016	0,129	FALSE
-0,048	0,281	-0,003	0,009	0,113	FALSE
-0,074	0,278	-0,002	0,010	0,072	FALSE
-0,056	0,278	-0,002	0,011	0,067	FALSE
-0,078	0,281	-0,003	0,017	0,056	FALSE
-0,095	0,282	-0,004	0,011	0,149	FALSE
-0,014	0,294	0,000	0,011	0,015	FALSE
0,054	0,271	0,003	0,014	0,087	FALSE
0,028	0,287	0,002	0,018	0,034	FALSE
-0,083	0,294	-0,006	0,012	0,189	FALSE

0,001	0,296	-0,001	0,012	0,020	FALSE
-0,099	0,287	-0,005	0,017	0,114	FALSE
0,045	0,282	0,002	0,013	0,046	FALSE
0,045	0,287	0,002	0,013	0,049	FALSE
-0,157	0,289	-0,008	0,016	0,208	FALSE
-0,154	0,294	-0,008	0,015	0,247	FALSE
-0,260	0,262	-0,012	0,014	0,406	FALSE
-0,209	0,270	-0,010	0,015	0,310	FALSE
-0,113	0,289	-0,003	0,016	0,078	FALSE
0,107	0,295	0,005	0,015	0,132	FALSE
0,029	0,291	0,001	0,011	0,044	FALSE
-0,159	0,277	-0,008	0,015	0,230	FALSE
-0,171	0,279	-0,009	0,015	0,238	FALSE
-0,172	0,282	-0,009	0,016	0,232	FALSE
-0,166	0,278	-0,008	0,015	0,237	FALSE
-0,029	0,290	0,000	0,013	0,002	FALSE
-0,058	0,287	-0,005	0,014	0,141	FALSE
-0,032	0,287	-0,002	0,017	0,035	FALSE
-0,029	0,269	-0,002	0,017	0,050	FALSE
0,070	0,285	0,004	0,014	0,100	FALSE
-0,008	0,290	-0,002	0,017	0,033	FALSE
0,090	0,280	0,003	0,017	0,062	FALSE
-0,167	0,287	-0,005	0,010	0,211	FALSE
0,105	0,283	0,006	0,013	0,176	FALSE
0,065	0,287	0,002	0,013	0,060	FALSE
0,232	0,264	0,006	0,009	0,297	FALSE
0,003	0,279	0,001	0,011	0,044	FALSE
-0,063	0,288	-0,002	0,009	0,097	FALSE
-0,055	0,292	-0,002	0,013	0,073	FALSE
-0,075	0,289	-0,003	0,012	0,088	FALSE
0,001	0,288	0,002	0,011	0,054	FALSE
-0,112	0,261	-0,007	0,015	0,183	FALSE
0,209	0,284	0,008	0,013	0,247	FALSE
-0,237	0,259	-0,011	0,016	0,309	FALSE
-0,117	0,281	-0,005	0,015	0,123	FALSE
-0,180	0,279	-0,005	0,011	0,188	FALSE
-0,252	0,271	-0,013	0,017	0,355	FALSE
-0,206	0,275	-0,009	0,015	0,268	FALSE
-0,254	0,279	-0,013	0,017	0,350	FALSE
0,159	0,278	0,007	0,017	0,178	FALSE
-0,013	0,268	-0,003	0,015	0,079	FALSE
0,281	0,258	0,009	0,009	0,493	FALSE
-0,114	0,292	-0,003	0,009	0,115	FALSE
-0,142	0,268	-0,008	0,016	0,209	FALSE
-0,188	0,278	-0,012	0,017	0,329	FALSE
0,034	0,295	0,004	0,012	0,114	FALSE
-0,101	0,277	-0,004	0,012	0,138	FALSE
-0,044	0,274	-0,001	0,015	0,018	FALSE
0,146	0,286	0,004	0,011	0,171	FALSE
-0,048	0,288	-0,004	0,017	0,097	FALSE
-0,030	0,290	-0,001	0,012	0,047	FALSE
0,091	0,301	0,003	0,012	0,093	FALSE
0,038	0,277	0,004	0,016	0,085	FALSE

0,139	0,284	0,006	0,012	0,196	FALSE
0,172	0,267	0,004	0,009	0,199	FALSE
-0,110	0,287	-0,004	0,013	0,118	FALSE
-0,154	0,271	-0,008	0,017	0,213	FALSE
0,053	0,300	0,002	0,012	0,072	FALSE
0,083	0,285	0,004	0,012	0,135	FALSE
0,068	0,275	0,005	0,012	0,154	FALSE
-0,189	0,276	-0,004	0,011	0,157	FALSE
0,019	0,284	0,003	0,012	0,081	FALSE
0,043	0,269	-0,001	0,011	0,016	FALSE
-0,033	0,278	-0,004	0,013	0,131	FALSE
-0,177	0,276	-0,007	0,015	0,207	FALSE
-0,007	0,297	0,001	0,011	0,026	FALSE
0,024	0,279	0,000	0,014	0,002	FALSE
0,093	0,296	0,005	0,018	0,119	FALSE
-0,004	0,288	0,002	0,010	0,092	FALSE
-0,090	0,284	-0,002	0,010	0,075	FALSE
0,022	0,293	0,000	0,010	0,004	FALSE
0,058	0,286	0,002	0,014	0,057	FALSE
0,044	0,272	0,001	0,009	0,053	FALSE
-0,064	0,278	-0,006	0,014	0,170	FALSE
-0,131	0,291	-0,009	0,016	0,236	FALSE
-0,082	0,285	-0,002	0,017	0,049	FALSE
-0,051	0,290	-0,002	0,012	0,052	FALSE
-0,078	0,281	-0,002	0,014	0,061	FALSE
0,032	0,288	0,001	0,013	0,032	FALSE
-0,196	0,289	-0,005	0,009	0,267	FALSE
0,065	0,280	0,001	0,015	0,036	FALSE
-0,011	0,288	-0,003	0,017	0,067	FALSE
0,118	0,283	0,007	0,017	0,178	FALSE
-0,172	0,274	-0,008	0,017	0,192	FALSE
0,011	0,283	0,003	0,015	0,077	FALSE
-0,011	0,291	0,001	0,009	0,047	FALSE
-0,106	0,277	-0,003	0,016	0,069	FALSE
-0,071	0,286	-0,005	0,014	0,129	FALSE
-0,059	0,280	-0,005	0,012	0,158	FALSE
0,012	0,297	0,002	0,012	0,056	FALSE
0,025	0,303	0,001	0,011	0,040	FALSE
0,030	0,276	0,000	0,011	0,014	FALSE
-0,118	0,281	-0,003	0,010	0,143	FALSE
-0,052	0,276	0,000	0,012	0,001	FALSE
-0,155	0,280	-0,007	0,016	0,167	FALSE
0,238	0,270	0,008	0,011	0,344	FALSE
-0,133	0,284	-0,003	0,014	0,092	FALSE
-0,099	0,293	-0,005	0,018	0,109	FALSE
0,012	0,286	0,003	0,017	0,062	FALSE
0,086	0,263	0,004	0,010	0,164	FALSE
0,075	0,272	0,001	0,015	0,027	FALSE
-0,095	0,278	-0,004	0,014	0,101	FALSE
-0,118	0,298	-0,005	0,015	0,128	FALSE
0,111	0,257	0,009	0,014	0,286	FALSE
-0,031	0,275	-0,003	0,015	0,080	FALSE
0,078	0,275	0,003	0,017	0,077	FALSE

-0,006	0,291	-0,002	0,018	0,042	FALSE
-0,021	0,294	0,000	0,013	0,000	FALSE
-0,138	0,286	-0,006	0,011	0,213	FALSE
-0,195	0,301	-0,008	0,015	0,233	FALSE
0,020	0,285	0,000	0,009	0,017	FALSE
0,225	0,270	0,006	0,009	0,330	FALSE
-0,044	0,272	-0,002	0,013	0,053	FALSE
-0,293	0,270	-0,011	0,012	0,469	FALSE
-0,129	0,271	-0,004	0,015	0,115	FALSE
0,041	0,284	0,001	0,012	0,023	FALSE
-0,064	0,291	-0,001	0,010	0,051	FALSE
-0,086	0,287	-0,004	0,009	0,177	FALSE
-0,084	0,269	-0,003	0,009	0,123	FALSE
0,322	0,250	0,009	0,010	0,478	FALSE
-0,139	0,288	-0,004	0,013	0,129	FALSE
-0,020	0,299	0,000	0,010	0,000	FALSE
0,091	0,280	0,002	0,012	0,056	FALSE
-0,119	0,275	-0,003	0,011	0,098	FALSE
-0,113	0,271	-0,003	0,012	0,100	FALSE
0,017	0,283	0,001	0,009	0,059	FALSE
0,045	0,273	0,001	0,008	0,031	FALSE
0,091	0,298	0,002	0,013	0,065	FALSE
0,050	0,288	0,001	0,014	0,016	FALSE
0,163	0,277	0,006	0,017	0,126	FALSE
-0,047	0,299	-0,001	0,012	0,027	FALSE
0,076	0,290	0,004	0,013	0,110	FALSE
0,112	0,286	0,004	0,015	0,108	FALSE
-0,045	0,287	-0,002	0,009	0,071	FALSE
-0,008	0,300	-0,001	0,017	0,019	FALSE
0,159	0,263	0,008	0,017	0,190	FALSE
0,155	0,277	0,008	0,018	0,189	FALSE
-0,040	0,282	-0,003	0,017	0,074	FALSE
-0,042	0,274	-0,001	0,014	0,037	FALSE
-0,013	0,282	0,000	0,017	0,001	FALSE
-0,323	0,268	-0,016	0,016	0,507	FALSE
-0,030	0,282	-0,001	0,010	0,046	FALSE
0,048	0,281	0,000	0,010	0,015	FALSE
0,071	0,282	0,002	0,010	0,060	FALSE
-0,040	0,281	0,000	0,012	0,003	FALSE
-0,163	0,285	-0,008	0,017	0,206	FALSE
0,183	0,284	0,009	0,015	0,256	FALSE
0,124	0,276	0,006	0,015	0,167	FALSE
0,058	0,286	0,003	0,015	0,083	FALSE
0,123	0,279	0,004	0,014	0,125	FALSE
0,168	0,281	0,007	0,014	0,216	FALSE
0,183	0,262	0,009	0,017	0,206	FALSE
0,041	0,281	0,002	0,009	0,111	FALSE
0,005	0,275	0,001	0,015	0,034	FALSE
-0,059	0,285	-0,002	0,016	0,039	FALSE
0,076	0,278	0,001	0,009	0,053	FALSE
0,053	0,283	0,003	0,015	0,074	FALSE
0,125	0,291	0,005	0,009	0,233	FALSE
0,077	0,278	0,006	0,015	0,179	FALSE

0,181	0,275	0,005	0,010	0,226	FALSE
0,007	0,290	0,002	0,018	0,039	FALSE
0,034	0,286	0,001	0,018	0,028	FALSE
0,179	0,281	0,007	0,012	0,227	FALSE
-0,094	0,280	-0,005	0,015	0,139	FALSE
0,073	0,302	0,002	0,013	0,072	FALSE
0,002	0,280	0,000	0,012	0,011	FALSE
-0,187	0,276	-0,010	0,017	0,259	FALSE
-0,194	0,264	-0,011	0,017	0,293	FALSE
-0,122	0,273	-0,003	0,010	0,119	FALSE
-0,064	0,300	-0,003	0,016	0,067	FALSE
-0,055	0,277	-0,003	0,016	0,061	FALSE
-0,099	0,294	-0,005	0,016	0,134	FALSE
0,036	0,288	0,003	0,008	0,120	FALSE
-0,155	0,270	-0,010	0,018	0,240	FALSE
0,166	0,271	0,005	0,011	0,203	FALSE
0,171	0,276	0,005	0,011	0,202	FALSE
0,167	0,277	0,005	0,011	0,217	FALSE
-0,194	0,281	-0,010	0,017	0,237	FALSE
-0,129	0,287	-0,002	0,009	0,094	FALSE
0,089	0,293	0,001	0,017	0,018	FALSE
0,088	0,271	0,004	0,013	0,114	FALSE
0,181	0,276	0,009	0,017	0,236	FALSE
0,139	0,291	0,007	0,018	0,154	FALSE
-0,005	0,291	0,002	0,014	0,040	FALSE
0,229	0,283	0,013	0,018	0,337	FALSE
-0,077	0,293	0,000	0,011	0,011	FALSE
-0,002	0,268	-0,002	0,014	0,062	FALSE
0,121	0,264	0,004	0,008	0,185	FALSE
0,121	0,282	0,003	0,009	0,154	FALSE
0,027	0,271	0,001	0,008	0,063	FALSE
-0,029	0,293	-0,001	0,017	0,014	FALSE
-0,135	0,281	-0,008	0,016	0,194	FALSE
0,152	0,280	0,005	0,011	0,190	FALSE
0,167	0,276	0,005	0,011	0,204	FALSE
-0,040	0,280	0,000	0,008	0,005	FALSE
-0,038	0,280	0,000	0,010	0,003	FALSE
-0,104	0,290	-0,004	0,014	0,096	FALSE
-0,199	0,278	-0,011	0,017	0,292	FALSE
-0,016	0,291	0,000	0,010	0,006	FALSE
-0,213	0,275	-0,006	0,008	0,292	FALSE
-0,206	0,270	-0,005	0,008	0,277	FALSE
-0,268	0,255	-0,008	0,008	0,431	FALSE
0,060	0,272	0,002	0,014	0,065	FALSE
0,019	0,281	0,001	0,008	0,053	FALSE
-0,062	0,295	-0,002	0,011	0,079	FALSE
-0,101	0,275	-0,007	0,017	0,173	FALSE
0,147	0,288	0,006	0,014	0,182	FALSE
-0,072	0,289	-0,003	0,009	0,150	FALSE
0,059	0,276	0,000	0,011	0,012	FALSE
0,140	0,281	0,003	0,009	0,150	FALSE
0,322	0,271	0,013	0,012	0,568	FALSE
0,094	0,297	0,004	0,017	0,099	FALSE

0,014	0,284	0,001	0,013	0,041	FALSE
0,066	0,285	0,003	0,016	0,065	FALSE
-0,040	0,280	-0,005	0,018	0,113	FALSE
-0,083	0,290	-0,001	0,009	0,051	FALSE
0,077	0,293	0,004	0,015	0,118	FALSE
-0,037	0,276	-0,004	0,015	0,102	FALSE
-0,145	0,286	-0,008	0,017	0,190	FALSE
0,108	0,297	0,004	0,014	0,100	FALSE
0,072	0,277	0,001	0,016	0,013	FALSE
0,032	0,292	-0,001	0,015	0,024	FALSE
0,011	0,288	-0,002	0,016	0,038	FALSE
0,026	0,294	-0,001	0,016	0,029	FALSE
-0,107	0,298	-0,006	0,014	0,180	FALSE
0,128	0,280	0,006	0,014	0,168	FALSE
0,113	0,279	0,004	0,010	0,135	FALSE
-0,054	0,297	0,000	0,016	0,002	FALSE
-0,065	0,276	-0,003	0,009	0,137	FALSE
-0,225	0,277	-0,008	0,011	0,313	FALSE
0,042	0,297	0,002	0,014	0,052	FALSE
-0,002	0,267	0,001	0,010	0,033	FALSE
-0,015	0,289	0,000	0,010	0,001	FALSE
0,032	0,271	0,002	0,010	0,058	FALSE
-0,011	0,289	0,000	0,011	0,013	FALSE
-0,058	0,291	-0,001	0,009	0,059	FALSE
-0,127	0,268	-0,005	0,015	0,144	FALSE
0,203	0,262	0,006	0,010	0,269	FALSE
-0,151	0,291	-0,005	0,009	0,200	FALSE
-0,074	0,290	-0,001	0,009	0,040	FALSE
0,073	0,281	0,001	0,010	0,042	FALSE
-0,045	0,290	0,000	0,016	0,010	FALSE
0,032	0,274	0,002	0,017	0,037	FALSE
0,053	0,275	0,004	0,014	0,104	FALSE
0,019	0,287	0,001	0,017	0,023	FALSE
0,079	0,289	0,004	0,016	0,091	FALSE
-0,017	0,304	-0,002	0,017	0,039	FALSE
-0,027	0,275	-0,002	0,013	0,042	FALSE
0,069	0,287	0,003	0,017	0,058	FALSE
-0,142	0,281	-0,007	0,017	0,184	FALSE
-0,080	0,290	-0,003	0,015	0,076	FALSE
0,078	0,276	0,002	0,010	0,088	FALSE
-0,132	0,294	-0,004	0,011	0,157	FALSE
-0,143	0,292	-0,004	0,010	0,145	FALSE
-0,185	0,278	-0,008	0,011	0,308	FALSE
-0,023	0,269	-0,002	0,017	0,052	FALSE
-0,025	0,288	-0,001	0,011	0,038	FALSE
0,054	0,287	0,002	0,009	0,079	FALSE
-0,032	0,286	-0,001	0,010	0,049	FALSE
-0,001	0,292	0,000	0,011	0,012	FALSE
-0,132	0,282	-0,004	0,017	0,096	FALSE
-0,214	0,282	-0,010	0,017	0,239	FALSE
0,276	0,267	0,013	0,016	0,375	FALSE
-0,199	0,267	-0,005	0,009	0,260	FALSE
-0,022	0,284	-0,002	0,017	0,046	FALSE

-0,071	0,275	-0,001	0,009	0,057	FALSE
0,051	0,287	0,002	0,015	0,045	FALSE
-0,027	0,295	0,000	0,011	0,007	FALSE
-0,035	0,268	0,001	0,018	0,027	FALSE
0,285	0,269	0,011	0,011	0,482	FALSE
-0,025	0,281	-0,003	0,016	0,069	FALSE
-0,011	0,285	0,003	0,018	0,071	FALSE
-0,009	0,287	-0,001	0,016	0,015	FALSE
0,280	0,277	0,011	0,012	0,462	FALSE
0,140	0,279	0,006	0,014	0,194	FALSE
-0,094	0,273	-0,005	0,013	0,169	FALSE
-0,028	0,279	-0,001	0,015	0,022	FALSE
0,109	0,273	0,003	0,013	0,088	FALSE
0,062	0,285	0,001	0,015	0,032	FALSE
-0,292	0,266	-0,011	0,012	0,456	FALSE
-0,114	0,276	-0,003	0,009	0,122	FALSE
-0,066	0,284	-0,002	0,017	0,045	FALSE
-0,211	0,276	-0,009	0,013	0,318	FALSE
-0,220	0,277	-0,011	0,015	0,342	FALSE
0,011	0,289	0,001	0,016	0,032	FALSE
-0,004	0,275	0,001	0,010	0,050	FALSE
0,006	0,290	0,001	0,011	0,040	FALSE
-0,046	0,288	-0,001	0,016	0,024	FALSE
0,232	0,269	0,011	0,016	0,334	FALSE
0,244	0,272	0,012	0,016	0,331	FALSE
0,216	0,277	0,011	0,017	0,301	FALSE
0,265	0,276	0,013	0,016	0,379	FALSE
0,226	0,271	0,012	0,016	0,326	FALSE
0,255	0,276	0,013	0,016	0,374	FALSE
-0,267	0,265	-0,010	0,013	0,379	FALSE
-0,243	0,272	-0,009	0,013	0,335	FALSE
-0,260	0,276	-0,010	0,013	0,374	FALSE
-0,243	0,280	-0,009	0,013	0,328	FALSE
-0,244	0,269	-0,009	0,012	0,350	FALSE
0,035	0,304	0,001	0,017	0,020	FALSE
0,076	0,286	0,003	0,011	0,090	FALSE
-0,147	0,286	-0,004	0,010	0,177	FALSE
0,099	0,270	0,005	0,012	0,185	FALSE
0,050	0,286	0,003	0,012	0,089	FALSE
-0,162	0,283	-0,004	0,009	0,181	FALSE
-0,164	0,276	-0,004	0,009	0,198	FALSE
0,050	0,287	0,003	0,011	0,093	FALSE
-0,086	0,286	-0,004	0,009	0,203	FALSE
-0,195	0,273	-0,010	0,014	0,335	FALSE
0,088	0,294	0,002	0,018	0,048	FALSE
0,004	0,289	-0,003	0,017	0,072	FALSE
0,252	0,274	0,009	0,012	0,352	FALSE
0,190	0,268	0,006	0,016	0,164	FALSE
-0,081	0,281	-0,004	0,012	0,141	FALSE
0,162	0,283	0,006	0,017	0,145	FALSE
0,179	0,269	0,006	0,015	0,157	FALSE
-0,071	0,292	-0,003	0,017	0,055	FALSE
-0,017	0,292	0,001	0,011	0,045	FALSE

-0,058	0,285	-0,004	0,017	0,080	FALSE
-0,028	0,294	-0,001	0,018	0,019	FALSE
-0,008	0,290	0,001	0,013	0,014	FALSE
0,037	0,290	0,002	0,015	0,059	FALSE
-0,080	0,270	-0,004	0,012	0,130	FALSE
0,023	0,276	0,000	0,010	0,009	FALSE
-0,222	0,269	-0,008	0,010	0,399	FALSE
0,095	0,284	0,003	0,014	0,069	FALSE
-0,178	0,278	-0,013	0,016	0,357	FALSE
-0,041	0,286	-0,002	0,009	0,073	TRUE
0,033	0,273	0,000	0,015	0,009	FALSE
0,024	0,283	0,004	0,012	0,116	FALSE
0,069	0,259	0,006	0,017	0,144	FALSE
0,123	0,289	0,004	0,013	0,130	FALSE
0,154	0,274	0,006	0,011	0,256	FALSE
0,151	0,291	0,006	0,011	0,229	FALSE
-0,119	0,291	-0,003	0,011	0,119	FALSE
0,124	0,274	0,005	0,010	0,203	FALSE
-0,175	0,284	-0,010	0,017	0,269	FALSE
-0,144	0,270	-0,009	0,016	0,242	FALSE
-0,014	0,258	-0,001	0,009	0,035	FALSE
0,063	0,282	0,003	0,010	0,129	FALSE
-0,014	0,270	-0,001	0,008	0,035	FALSE
-0,048	0,275	0,000	0,010	0,015	FALSE
-0,011	0,284	-0,002	0,014	0,065	FALSE
0,099	0,290	0,006	0,018	0,129	FALSE
-0,039	0,288	-0,001	0,009	0,022	FALSE
-0,112	0,290	-0,006	0,017	0,135	FALSE
0,064	0,279	0,002	0,011	0,075	FALSE
0,022	0,285	0,001	0,009	0,037	FALSE
0,023	0,296	0,000	0,018	0,008	FALSE
-0,102	0,277	-0,002	0,010	0,087	FALSE
0,103	0,271	0,002	0,014	0,061	FALSE
-0,095	0,282	-0,003	0,010	0,138	FALSE
-0,085	0,292	-0,002	0,009	0,080	FALSE
-0,110	0,272	-0,006	0,013	0,206	FALSE
0,127	0,286	0,005	0,013	0,141	FALSE
-0,024	0,281	0,003	0,015	0,065	FALSE
-0,065	0,299	-0,004	0,017	0,096	FALSE
0,084	0,287	0,004	0,010	0,176	FALSE
0,037	0,280	0,003	0,010	0,119	FALSE
-0,006	0,278	0,001	0,010	0,047	FALSE
-0,100	0,279	-0,004	0,012	0,124	FALSE
-0,083	0,276	-0,003	0,012	0,111	FALSE
-0,106	0,288	-0,004	0,012	0,115	FALSE
-0,015	0,290	-0,001	0,010	0,039	FALSE
0,074	0,276	0,004	0,013	0,106	FALSE
0,029	0,284	0,002	0,018	0,046	FALSE
-0,110	0,283	-0,005	0,017	0,125	FALSE
0,098	0,283	0,002	0,008	0,113	FALSE
-0,002	0,287	-0,002	0,017	0,048	FALSE
0,167	0,284	0,006	0,010	0,242	FALSE
0,090	0,279	0,001	0,014	0,025	FALSE

-0,013	0,290	-0,001	0,012	0,027	FALSE
-0,023	0,284	0,000	0,012	0,011	FALSE
0,013	0,272	0,001	0,017	0,021	FALSE
-0,090	0,284	-0,003	0,010	0,105	FALSE
-0,014	0,281	0,000	0,017	0,006	FALSE
-0,073	0,286	-0,001	0,013	0,036	FALSE
0,024	0,272	0,000	0,016	0,005	FALSE
0,046	0,287	0,002	0,014	0,040	FALSE
0,026	0,278	0,000	0,017	0,008	FALSE
-0,083	0,295	-0,001	0,014	0,034	FALSE
-0,068	0,290	-0,002	0,009	0,077	FALSE
-0,043	0,278	-0,005	0,016	0,126	FALSE
0,046	0,279	0,002	0,013	0,049	FALSE
0,026	0,285	0,003	0,014	0,067	FALSE
0,168	0,282	0,007	0,016	0,183	FALSE
0,024	0,267	0,004	0,016	0,082	FALSE
0,025	0,296	0,002	0,010	0,060	FALSE
0,027	0,286	0,001	0,009	0,057	FALSE
0,062	0,268	0,002	0,010	0,060	FALSE
0,025	0,279	0,002	0,017	0,042	FALSE
0,093	0,282	0,005	0,017	0,118	FALSE
0,104	0,287	0,006	0,017	0,143	FALSE
-0,031	0,289	-0,001	0,011	0,034	FALSE
-0,052	0,274	-0,005	0,016	0,117	FALSE
0,044	0,297	0,000	0,016	0,010	FALSE
0,011	0,296	-0,001	0,016	0,024	FALSE
0,117	0,289	0,005	0,013	0,165	FALSE
0,017	0,285	-0,002	0,018	0,042	FALSE
0,040	0,299	0,001	0,013	0,018	FALSE
0,058	0,279	0,001	0,012	0,028	FALSE
-0,079	0,291	-0,001	0,011	0,019	FALSE
-0,039	0,287	-0,004	0,018	0,092	FALSE
-0,071	0,273	-0,001	0,009	0,019	FALSE
0,052	0,296	0,006	0,016	0,135	FALSE
-0,053	0,291	-0,005	0,018	0,097	FALSE
0,151	0,272	0,009	0,017	0,240	FALSE
0,004	0,281	0,002	0,017	0,050	FALSE
0,034	0,280	0,002	0,011	0,060	FALSE
-0,049	0,299	-0,001	0,012	0,039	FALSE
0,136	0,284	0,005	0,010	0,239	FALSE
0,204	0,278	0,008	0,010	0,346	FALSE
-0,152	0,288	-0,009	0,016	0,239	FALSE
0,197	0,258	0,006	0,009	0,277	FALSE
-0,042	0,283	-0,002	0,012	0,052	FALSE
0,144	0,286	0,005	0,011	0,191	FALSE
-0,115	0,284	-0,004	0,011	0,128	FALSE
-0,121	0,281	-0,008	0,013	0,266	FALSE
0,063	0,292	0,003	0,010	0,100	FALSE
-0,023	0,289	0,000	0,017	0,006	FALSE
0,025	0,286	0,002	0,011	0,050	FALSE
0,005	0,283	-0,002	0,018	0,034	FALSE
-0,066	0,271	-0,004	0,018	0,078	FALSE
-0,071	0,293	-0,001	0,010	0,052	FALSE

0,009	0,272	0,000	0,013	0,000	FALSE
0,100	0,282	0,002	0,009	0,102	FALSE
-0,046	0,299	-0,002	0,010	0,057	FALSE
-0,112	0,299	-0,003	0,009	0,140	FALSE
-0,028	0,280	-0,001	0,013	0,032	FALSE
-0,110	0,270	-0,004	0,010	0,153	FALSE
0,048	0,291	0,005	0,016	0,113	FALSE
0,068	0,273	0,001	0,008	0,047	FALSE
0,077	0,284	0,004	0,012	0,120	FALSE
-0,007	0,283	-0,001	0,017	0,030	FALSE
0,081	0,288	0,004	0,018	0,096	FALSE
0,071	0,302	0,004	0,019	0,083	FALSE
-0,028	0,284	-0,003	0,012	0,088	FALSE
-0,024	0,287	-0,003	0,014	0,097	FALSE
-0,130	0,284	-0,004	0,011	0,157	FALSE
0,073	0,278	0,003	0,016	0,067	FALSE
0,109	0,269	0,004	0,011	0,139	FALSE
0,090	0,279	0,007	0,016	0,182	FALSE
-0,075	0,283	-0,002	0,009	0,069	FALSE
-0,085	0,282	-0,006	0,015	0,155	FALSE
-0,021	0,293	0,000	0,017	0,002	FALSE
-0,068	0,296	-0,001	0,016	0,027	FALSE
0,152	0,288	0,005	0,010	0,195	FALSE
-0,282	0,276	-0,010	0,010	0,505	FALSE
-0,298	0,275	-0,011	0,011	0,520	FALSE
-0,285	0,271	-0,010	0,010	0,547	FALSE
-0,082	0,278	-0,004	0,012	0,132	FALSE
0,036	0,275	0,001	0,011	0,020	FALSE
-0,138	0,291	-0,007	0,015	0,185	FALSE
-0,019	0,288	-0,002	0,011	0,049	FALSE
-0,001	0,267	0,000	0,010	0,002	FALSE
0,253	0,260	0,010	0,013	0,358	FALSE
-0,127	0,294	-0,003	0,012	0,105	FALSE
0,000	0,292	0,001	0,009	0,055	FALSE
0,131	0,269	0,005	0,010	0,192	FALSE
0,051	0,296	0,002	0,011	0,053	FALSE
-0,067	0,285	-0,002	0,010	0,090	FALSE
-0,063	0,281	-0,001	0,016	0,027	FALSE
0,114	0,271	0,006	0,015	0,145	FALSE
0,064	0,274	0,002	0,014	0,052	FALSE
0,063	0,274	0,001	0,016	0,030	FALSE
0,130	0,264	0,004	0,009	0,153	FALSE
0,093	0,276	0,006	0,016	0,160	FALSE
-0,001	0,295	0,000	0,009	0,004	FALSE
-0,111	0,276	-0,005	0,016	0,121	FALSE
0,178	0,290	0,011	0,018	0,270	FALSE
-0,083	0,266	-0,004	0,017	0,090	FALSE
0,010	0,266	0,001	0,013	0,014	FALSE
-0,115	0,276	-0,003	0,010	0,133	FALSE
-0,004	0,288	-0,001	0,017	0,031	FALSE
0,011	0,268	0,001	0,017	0,016	FALSE
-0,047	0,275	-0,003	0,013	0,073	FALSE
-0,031	0,260	-0,003	0,017	0,063	FALSE

-0,022	0,273	-0,002	0,017	0,043	FALSE
-0,031	0,277	-0,003	0,018	0,069	FALSE
-0,078	0,290	-0,002	0,010	0,090	FALSE
-0,006	0,285	0,001	0,009	0,034	FALSE
-0,032	0,283	-0,003	0,017	0,067	FALSE
0,130	0,293	0,008	0,017	0,187	FALSE
0,050	0,287	0,001	0,010	0,051	FALSE
-0,035	0,296	-0,004	0,017	0,084	FALSE
-0,100	0,287	-0,006	0,015	0,157	FALSE
0,017	0,282	0,000	0,010	0,006	FALSE
-0,235	0,262	-0,008	0,012	0,278	FALSE
0,077	0,289	0,004	0,012	0,131	FALSE
-0,018	0,277	-0,001	0,012	0,043	FALSE
0,141	0,258	0,007	0,013	0,237	FALSE
-0,239	0,279	-0,008	0,009	0,396	FALSE
0,029	0,283	0,004	0,017	0,078	FALSE
0,101	0,274	0,007	0,016	0,170	FALSE
0,094	0,277	0,002	0,015	0,035	FALSE
0,174	0,280	0,008	0,017	0,192	FALSE
0,096	0,275	0,004	0,010	0,186	FALSE
-0,085	0,287	-0,005	0,014	0,126	FALSE
-0,022	0,288	0,000	0,010	0,015	FALSE
0,016	0,284	-0,001	0,014	0,030	FALSE
-0,073	0,289	-0,002	0,012	0,049	FALSE
-0,043	0,261	-0,002	0,012	0,054	FALSE
0,038	0,297	0,002	0,009	0,100	FALSE
0,000	0,292	0,001	0,009	0,058	FALSE
0,168	0,283	0,006	0,011	0,237	FALSE
0,162	0,267	0,006	0,011	0,243	FALSE
-0,018	0,285	0,000	0,014	0,002	FALSE
-0,076	0,282	-0,004	0,016	0,089	FALSE
-0,066	0,285	-0,003	0,015	0,072	FALSE
0,025	0,290	0,000	0,017	0,009	FALSE
-0,016	0,298	-0,001	0,017	0,011	FALSE
-0,134	0,279	-0,004	0,013	0,128	FALSE
-0,087	0,272	-0,005	0,014	0,155	FALSE
-0,044	0,266	-0,003	0,014	0,078	FALSE
-0,003	0,280	-0,001	0,013	0,032	FALSE
0,119	0,282	0,004	0,017	0,097	FALSE
0,057	0,303	0,004	0,014	0,103	FALSE
-0,140	0,283	-0,008	0,017	0,179	FALSE
-0,167	0,284	-0,010	0,018	0,227	FALSE
-0,234	0,284	-0,009	0,010	0,383	FALSE
0,065	0,286	0,003	0,016	0,065	FALSE
-0,166	0,279	-0,006	0,009	0,299	FALSE
-0,155	0,289	-0,006	0,010	0,247	FALSE
-0,007	0,278	-0,003	0,016	0,074	FALSE
0,076	0,291	0,002	0,010	0,088	FALSE
-0,086	0,281	-0,006	0,016	0,133	FALSE
-0,262	0,273	-0,009	0,010	0,452	FALSE
0,110	0,280	0,004	0,011	0,158	FALSE
-0,085	0,289	-0,003	0,010	0,099	FALSE
-0,153	0,275	-0,006	0,011	0,221	FALSE

-0,031	0,291	-0,002	0,015	0,052	FALSE
-0,004	0,277	0,000	0,010	0,008	FALSE
0,063	0,294	0,002	0,010	0,066	FALSE
0,004	0,291	-0,001	0,011	0,016	FALSE
-0,052	0,283	-0,001	0,011	0,043	FALSE
-0,169	0,273	-0,007	0,013	0,244	FALSE
0,172	0,281	0,007	0,013	0,233	FALSE
0,093	0,289	0,003	0,012	0,108	FALSE
0,176	0,272	0,009	0,016	0,256	FALSE
-0,092	0,287	-0,005	0,014	0,124	FALSE
-0,089	0,290	-0,004	0,016	0,103	FALSE
0,015	0,285	-0,001	0,010	0,036	FALSE
-0,186	0,275	-0,005	0,012	0,168	FALSE
-0,034	0,295	0,000	0,009	0,003	FALSE
-0,135	0,278	-0,003	0,014	0,082	FALSE
-0,111	0,276	-0,004	0,015	0,095	FALSE
-0,039	0,274	-0,001	0,011	0,041	FALSE
0,130	0,267	0,008	0,017	0,181	FALSE
-0,016	0,295	0,000	0,013	0,001	FALSE
-0,160	0,281	-0,008	0,014	0,232	FALSE
0,201	0,280	0,011	0,015	0,354	FALSE
-0,148	0,301	-0,007	0,014	0,209	FALSE
-0,004	0,281	0,001	0,008	0,036	FALSE
0,133	0,286	0,003	0,009	0,117	FALSE
-0,036	0,274	-0,002	0,018	0,034	FALSE
-0,238	0,275	-0,014	0,015	0,447	FALSE
0,024	0,288	0,000	0,011	0,009	FALSE
0,183	0,270	0,008	0,016	0,214	FALSE
0,172	0,292	0,007	0,015	0,187	FALSE
-0,151	0,278	-0,005	0,011	0,165	FALSE
0,087	0,283	0,005	0,011	0,172	FALSE
-0,062	0,264	-0,001	0,009	0,037	FALSE
-0,053	0,269	0,000	0,009	0,016	FALSE
0,105	0,285	0,004	0,009	0,163	FALSE
0,114	0,264	0,004	0,016	0,085	FALSE
0,010	0,280	0,003	0,017	0,068	FALSE
-0,024	0,282	0,002	0,017	0,032	FALSE
0,024	0,286	-0,001	0,017	0,011	FALSE
-0,069	0,287	-0,002	0,009	0,059	FALSE
-0,003	0,280	0,000	0,010	0,001	FALSE
-0,014	0,286	0,001	0,018	0,021	FALSE
0,066	0,288	0,002	0,009	0,100	FALSE
-0,101	0,275	-0,005	0,017	0,128	FALSE
-0,057	0,281	-0,004	0,015	0,092	FALSE
0,011	0,290	0,000	0,009	0,013	FALSE
-0,056	0,273	0,001	0,014	0,026	FALSE
-0,076	0,267	-0,004	0,015	0,088	FALSE
-0,089	0,263	-0,005	0,016	0,115	FALSE
0,203	0,273	0,011	0,014	0,330	FALSE
0,075	0,271	0,004	0,013	0,106	FALSE
0,092	0,283	0,004	0,016	0,087	FALSE
0,093	0,286	0,004	0,013	0,126	FALSE
0,016	0,281	0,001	0,016	0,020	FALSE

0,075	0,285	0,004	0,014	0,102	FALSE
0,006	0,291	0,002	0,008	0,073	FALSE
-0,112	0,281	-0,004	0,016	0,089	FALSE
0,032	0,286	0,001	0,010	0,050	FALSE
-0,112	0,280	-0,009	0,018	0,213	FALSE
0,130	0,292	0,009	0,018	0,218	FALSE
-0,148	0,276	-0,004	0,010	0,168	FALSE
0,012	0,274	0,000	0,009	0,016	FALSE
0,042	0,274	0,002	0,009	0,064	FALSE
0,060	0,279	0,002	0,010	0,098	FALSE
-0,041	0,286	-0,002	0,017	0,050	FALSE
-0,088	0,292	-0,005	0,018	0,104	FALSE
-0,100	0,277	-0,006	0,017	0,154	FALSE
-0,053	0,274	-0,001	0,008	0,056	FALSE
-0,202	0,278	-0,006	0,009	0,311	FALSE
0,022	0,303	0,003	0,012	0,079	FALSE
0,180	0,280	0,008	0,014	0,254	FALSE
0,110	0,290	0,005	0,015	0,132	FALSE
0,055	0,287	0,003	0,014	0,082	FALSE
0,109	0,262	0,003	0,008	0,146	FALSE
-0,130	0,287	-0,004	0,017	0,102	FALSE
0,101	0,265	0,003	0,012	0,094	FALSE
-0,088	0,289	-0,004	0,011	0,154	FALSE
0,125	0,274	0,009	0,014	0,291	FALSE
-0,121	0,274	-0,004	0,012	0,126	FALSE
0,003	0,270	-0,001	0,010	0,037	FALSE
-0,092	0,300	-0,003	0,010	0,110	FALSE
0,023	0,299	0,001	0,010	0,046	FALSE
-0,075	0,296	-0,003	0,017	0,073	FALSE
-0,009	0,268	0,002	0,016	0,045	FALSE
-0,034	0,268	0,000	0,016	0,009	FALSE
0,187	0,254	0,009	0,016	0,249	FALSE
-0,137	0,280	-0,007	0,018	0,165	FALSE
-0,187	0,264	-0,009	0,015	0,265	FALSE
-0,053	0,291	-0,001	0,009	0,049	FALSE
0,056	0,289	0,003	0,010	0,098	FALSE
0,028	0,272	0,004	0,017	0,082	FALSE
-0,088	0,277	-0,004	0,015	0,106	FALSE
-0,051	0,289	-0,002	0,010	0,071	FALSE
0,043	0,283	0,000	0,015	0,001	FALSE
0,021	0,271	0,001	0,011	0,037	FALSE
0,026	0,281	0,001	0,012	0,045	FALSE
0,054	0,290	0,002	0,010	0,054	FALSE
-0,034	0,286	-0,001	0,014	0,018	FALSE
0,038	0,281	0,000	0,009	0,000	FALSE
0,099	0,275	0,001	0,016	0,033	FALSE
0,013	0,280	0,000	0,010	0,006	FALSE
0,018	0,285	0,001	0,008	0,049	FALSE
-0,025	0,280	-0,001	0,010	0,044	FALSE
-0,036	0,281	-0,002	0,016	0,038	FALSE
-0,025	0,276	0,000	0,010	0,017	FALSE
0,149	0,283	0,005	0,009	0,218	FALSE
-0,169	0,286	-0,004	0,009	0,172	FALSE

-0,063	0,273	-0,003	0,011	0,108	FALSE
-0,193	0,274	-0,011	0,017	0,280	FALSE
-0,044	0,277	0,000	0,013	0,003	FALSE
0,120	0,267	0,005	0,015	0,136	FALSE
0,099	0,269	0,003	0,016	0,076	FALSE
0,043	0,255	0,001	0,017	0,024	FALSE
0,098	0,287	0,007	0,013	0,216	FALSE
-0,044	0,286	0,000	0,017	0,004	FALSE
0,026	0,279	0,002	0,013	0,066	FALSE
0,093	0,279	0,005	0,014	0,154	FALSE
0,099	0,294	0,004	0,013	0,117	FALSE
-0,026	0,274	-0,001	0,017	0,018	FALSE
-0,153	0,274	-0,005	0,011	0,184	FALSE
0,007	0,288	0,001	0,013	0,022	FALSE
0,017	0,284	0,003	0,016	0,075	FALSE
0,071	0,287	0,006	0,018	0,146	FALSE
-0,075	0,293	-0,003	0,014	0,086	FALSE
0,111	0,282	0,004	0,010	0,164	FALSE
0,033	0,257	0,002	0,016	0,058	FALSE
0,061	0,276	0,002	0,009	0,082	FALSE
-0,005	0,293	0,000	0,012	0,013	FALSE
-0,045	0,280	-0,001	0,011	0,027	FALSE
-0,107	0,284	-0,004	0,009	0,197	FALSE
-0,029	0,290	-0,003	0,018	0,061	FALSE
-0,007	0,282	-0,001	0,017	0,018	FALSE
0,064	0,284	0,002	0,011	0,066	FALSE
-0,066	0,289	-0,002	0,010	0,093	FALSE
-0,125	0,282	-0,006	0,015	0,155	FALSE
-0,035	0,289	0,000	0,013	0,009	FALSE
-0,059	0,280	-0,004	0,011	0,134	FALSE
0,030	0,293	0,001	0,014	0,014	FALSE
0,028	0,284	0,003	0,012	0,099	FALSE
-0,001	0,302	0,000	0,018	0,006	FALSE
-0,064	0,277	0,000	0,013	0,013	FALSE
-0,051	0,287	-0,001	0,010	0,040	FALSE
-0,041	0,294	-0,001	0,011	0,039	FALSE
0,104	0,269	0,004	0,011	0,151	FALSE
0,131	0,281	0,006	0,013	0,190	FALSE
0,079	0,287	0,004	0,012	0,122	FALSE
0,167	0,272	0,007	0,012	0,237	FALSE
-0,099	0,279	-0,002	0,011	0,064	FALSE
0,185	0,263	0,012	0,016	0,327	FALSE
0,113	0,282	0,007	0,016	0,175	FALSE
0,032	0,275	0,001	0,011	0,027	FALSE
-0,240	0,281	-0,015	0,017	0,414	FALSE
0,030	0,274	0,000	0,013	0,008	FALSE
-0,165	0,276	-0,009	0,017	0,237	FALSE
0,233	0,280	0,012	0,016	0,339	FALSE
-0,087	0,269	-0,002	0,009	0,091	FALSE
-0,241	0,269	-0,009	0,013	0,310	FALSE
-0,216	0,285	-0,010	0,016	0,281	FALSE
-0,218	0,282	-0,012	0,014	0,386	FALSE
-0,211	0,267	-0,012	0,016	0,339	FALSE

-0,126	0,285	-0,005	0,014	0,145	FALSE
-0,117	0,269	-0,005	0,013	0,144	FALSE
0,138	0,274	0,008	0,015	0,221	FALSE
-0,206	0,274	-0,008	0,010	0,370	FALSE
0,170	0,275	0,005	0,009	0,241	FALSE
-0,091	0,277	-0,002	0,011	0,085	FALSE
-0,049	0,291	-0,001	0,009	0,025	FALSE
-0,073	0,293	-0,003	0,011	0,104	FALSE
-0,209	0,274	-0,006	0,010	0,279	FALSE
0,083	0,275	0,002	0,010	0,076	FALSE
0,101	0,277	0,006	0,014	0,177	FALSE
0,143	0,283	0,008	0,014	0,246	FALSE
0,055	0,272	0,001	0,009	0,038	FALSE
-0,047	0,289	-0,002	0,011	0,087	FALSE
0,009	0,298	-0,001	0,017	0,027	FALSE
0,021	0,284	0,001	0,009	0,029	FALSE
0,107	0,303	0,003	0,011	0,123	FALSE
-0,113	0,273	-0,009	0,017	0,219	FALSE
-0,063	0,288	-0,002	0,010	0,069	FALSE
0,044	0,279	0,000	0,015	0,008	FALSE
-0,020	0,286	0,002	0,013	0,052	FALSE
0,052	0,294	0,001	0,009	0,024	FALSE
0,072	0,278	0,003	0,014	0,080	FALSE
0,103	0,296	0,004	0,017	0,094	FALSE
0,088	0,281	0,004	0,017	0,083	FALSE
-0,017	0,291	0,001	0,011	0,038	FALSE
-0,045	0,288	0,000	0,011	0,012	FALSE
0,044	0,283	0,000	0,010	0,004	FALSE
-0,034	0,286	0,000	0,011	0,011	FALSE
-0,038	0,279	0,000	0,010	0,010	FALSE
-0,134	0,274	-0,006	0,014	0,177	FALSE
-0,011	0,275	0,000	0,010	0,008	FALSE
0,140	0,286	0,008	0,015	0,236	FALSE
-0,158	0,278	-0,010	0,014	0,296	FALSE
0,077	0,287	0,003	0,010	0,135	FALSE
-0,045	0,288	-0,001	0,010	0,019	FALSE
0,279	0,272	0,017	0,016	0,541	TRUE
-0,013	0,297	-0,003	0,013	0,102	FALSE
0,026	0,294	0,002	0,010	0,080	FALSE
-0,214	0,268	-0,008	0,013	0,255	FALSE
-0,207	0,289	-0,010	0,017	0,258	FALSE
0,023	0,291	0,001	0,018	0,014	FALSE
-0,116	0,282	-0,005	0,014	0,147	FALSE
-0,082	0,296	-0,003	0,014	0,073	FALSE
-0,072	0,299	-0,002	0,014	0,060	FALSE
0,013	0,273	0,001	0,017	0,029	FALSE
-0,053	0,292	-0,001	0,014	0,030	FALSE
-0,007	0,271	-0,001	0,017	0,015	FALSE
-0,033	0,294	-0,002	0,009	0,078	FALSE
0,166	0,280	0,006	0,011	0,217	FALSE
-0,139	0,272	-0,006	0,011	0,230	FALSE
0,053	0,284	0,001	0,014	0,037	FALSE
0,137	0,277	0,004	0,013	0,105	FALSE

0,031	0,289	0,002	0,009	0,065	FALSE
0,029	0,301	0,002	0,010	0,078	FALSE
0,099	0,272	0,002	0,009	0,070	FALSE
-0,120	0,280	-0,004	0,017	0,084	FALSE
0,058	0,272	0,003	0,010	0,096	FALSE
0,071	0,288	0,003	0,015	0,076	FALSE
-0,046	0,296	0,000	0,010	0,010	FALSE
-0,084	0,306	-0,001	0,010	0,035	FALSE
0,032	0,278	0,000	0,015	0,010	FALSE
0,056	0,273	0,002	0,010	0,066	FALSE
-0,081	0,278	-0,004	0,010	0,186	FALSE
0,048	0,269	0,001	0,008	0,057	FALSE
-0,083	0,284	-0,006	0,018	0,137	FALSE
0,218	0,264	0,012	0,012	0,465	FALSE
0,055	0,280	0,002	0,012	0,066	FALSE
0,030	0,300	0,001	0,009	0,059	FALSE
-0,047	0,289	-0,002	0,017	0,050	FALSE
-0,051	0,270	-0,003	0,016	0,068	FALSE
0,009	0,280	-0,001	0,018	0,024	FALSE
-0,004	0,286	0,000	0,013	0,014	FALSE
0,149	0,273	0,006	0,014	0,189	FALSE
0,076	0,290	0,003	0,015	0,081	FALSE
0,073	0,291	0,003	0,011	0,095	FALSE
0,091	0,282	0,004	0,012	0,127	FALSE
0,084	0,263	0,004	0,016	0,083	FALSE
0,238	0,271	0,007	0,010	0,304	FALSE
-0,054	0,286	-0,004	0,015	0,088	FALSE
-0,097	0,282	-0,006	0,015	0,163	FALSE
-0,140	0,283	-0,005	0,009	0,233	FALSE
0,100	0,287	0,003	0,010	0,100	FALSE
-0,012	0,276	-0,001	0,009	0,021	FALSE
0,163	0,288	0,006	0,011	0,223	FALSE
0,164	0,280	0,009	0,017	0,233	FALSE
0,148	0,279	0,005	0,009	0,251	FALSE
0,123	0,268	0,003	0,009	0,156	FALSE
-0,158	0,270	-0,003	0,010	0,120	FALSE
0,106	0,277	0,004	0,011	0,138	FALSE
0,084	0,271	0,003	0,008	0,123	FALSE
-0,066	0,293	-0,003	0,011	0,118	FALSE
-0,040	0,279	0,001	0,012	0,019	FALSE
-0,162	0,280	-0,008	0,017	0,182	FALSE
-0,061	0,286	-0,003	0,010	0,103	FALSE
-0,290	0,260	-0,015	0,013	0,569	FALSE
-0,262	0,261	-0,013	0,014	0,471	FALSE
0,144	0,278	0,005	0,012	0,159	FALSE
-0,081	0,283	-0,002	0,014	0,049	FALSE
0,027	0,275	0,000	0,008	0,006	FALSE
0,103	0,296	0,003	0,010	0,124	FALSE
0,185	0,281	0,005	0,010	0,228	FALSE
-0,048	0,282	-0,006	0,018	0,132	FALSE
0,015	0,280	0,001	0,010	0,022	FALSE
0,024	0,273	0,000	0,013	0,004	FALSE
0,063	0,301	0,002	0,018	0,031	FALSE

0,037	0,281	0,001	0,010	0,045	FALSE
-0,176	0,289	-0,004	0,009	0,193	FALSE
-0,025	0,276	-0,002	0,014	0,054	FALSE
0,045	0,287	0,002	0,011	0,084	FALSE
0,041	0,282	0,001	0,013	0,030	FALSE
0,125	0,284	0,004	0,014	0,107	FALSE
0,161	0,276	0,008	0,014	0,258	FALSE
-0,089	0,288	-0,003	0,010	0,101	FALSE
-0,113	0,289	-0,004	0,010	0,151	FALSE
0,131	0,277	0,007	0,014	0,205	FALSE
0,145	0,284	0,008	0,016	0,205	FALSE
-0,124	0,280	-0,003	0,009	0,149	FALSE
-0,121	0,280	-0,006	0,011	0,244	FALSE
-0,032	0,286	-0,001	0,015	0,027	FALSE
0,088	0,285	0,003	0,011	0,095	FALSE
-0,053	0,288	-0,004	0,017	0,082	FALSE
-0,087	0,286	-0,003	0,010	0,107	FALSE
-0,036	0,278	-0,001	0,016	0,030	FALSE
0,079	0,285	0,002	0,009	0,069	FALSE
0,079	0,276	0,002	0,011	0,054	FALSE
0,088	0,281	0,003	0,010	0,102	FALSE
0,017	0,286	0,001	0,008	0,043	FALSE
-0,188	0,279	-0,007	0,015	0,182	FALSE
0,100	0,280	0,005	0,018	0,118	FALSE
-0,072	0,290	-0,002	0,010	0,083	FALSE
-0,154	0,283	-0,005	0,011	0,204	FALSE
-0,173	0,277	-0,011	0,016	0,286	FALSE
0,034	0,287	0,003	0,017	0,054	FALSE
-0,091	0,271	-0,003	0,012	0,098	FALSE
0,064	0,286	0,002	0,016	0,048	FALSE
0,017	0,296	-0,001	0,018	0,030	FALSE
-0,112	0,267	-0,003	0,016	0,068	FALSE
-0,014	0,280	-0,001	0,010	0,040	FALSE
-0,026	0,281	0,002	0,018	0,041	FALSE
0,054	0,277	0,001	0,011	0,027	FALSE
-0,117	0,282	-0,004	0,011	0,170	FALSE
0,161	0,264	0,008	0,014	0,252	FALSE
0,133	0,257	0,006	0,013	0,202	FALSE
0,198	0,252	0,009	0,013	0,327	FALSE
-0,080	0,280	-0,001	0,011	0,047	FALSE
-0,036	0,276	0,001	0,016	0,021	FALSE
-0,160	0,265	-0,008	0,015	0,211	FALSE
0,127	0,273	0,004	0,012	0,125	FALSE
0,078	0,286	0,001	0,011	0,034	FALSE
0,046	0,295	0,003	0,014	0,066	FALSE
-0,050	0,279	-0,001	0,009	0,035	FALSE
0,130	0,267	0,005	0,012	0,169	FALSE
-0,024	0,286	0,000	0,014	0,009	FALSE
-0,050	0,283	0,000	0,015	0,007	FALSE
0,121	0,268	0,004	0,013	0,135	FALSE
0,114	0,265	0,005	0,015	0,119	FALSE
0,171	0,278	0,005	0,008	0,296	FALSE
0,080	0,277	0,002	0,009	0,098	FALSE

0,035	0,267	0,001	0,010	0,023	FALSE
-0,110	0,281	-0,003	0,010	0,096	FALSE
0,022	0,266	0,001	0,015	0,030	FALSE
0,061	0,268	0,001	0,009	0,020	FALSE
0,029	0,289	-0,002	0,015	0,056	FALSE
-0,012	0,284	-0,003	0,016	0,064	FALSE
0,064	0,286	0,001	0,011	0,048	FALSE
-0,044	0,285	-0,001	0,010	0,024	FALSE
0,204	0,269	0,011	0,014	0,391	FALSE
-0,030	0,278	-0,002	0,017	0,047	FALSE
0,087	0,289	0,005	0,017	0,111	FALSE
0,030	0,281	0,001	0,016	0,022	FALSE
-0,190	0,277	-0,006	0,011	0,229	FALSE
0,161	0,288	0,009	0,018	0,228	FALSE
0,025	0,297	0,001	0,018	0,027	FALSE
-0,065	0,272	-0,001	0,009	0,036	FALSE
-0,151	0,277	-0,008	0,013	0,260	FALSE
-0,089	0,285	-0,005	0,014	0,154	FALSE
-0,159	0,284	-0,007	0,012	0,257	FALSE
0,078	0,290	0,005	0,017	0,114	FALSE
-0,066	0,282	-0,002	0,010	0,092	FALSE
-0,028	0,286	-0,002	0,010	0,064	FALSE
0,125	0,278	0,003	0,011	0,120	FALSE
0,006	0,279	0,000	0,012	0,000	FALSE
0,131	0,272	0,007	0,014	0,195	FALSE
-0,081	0,277	-0,003	0,010	0,131	FALSE
0,110	0,279	0,006	0,018	0,125	FALSE
-0,104	0,280	-0,004	0,013	0,119	FALSE
-0,031	0,282	-0,001	0,009	0,060	FALSE
0,067	0,275	0,004	0,017	0,095	FALSE
0,179	0,267	0,007	0,014	0,194	FALSE
0,071	0,285	0,002	0,013	0,055	FALSE
0,029	0,284	0,000	0,012	0,002	FALSE
0,069	0,261	0,003	0,015	0,088	FALSE
0,169	0,269	0,004	0,009	0,185	FALSE
-0,045	0,287	-0,002	0,016	0,044	FALSE
-0,060	0,282	-0,003	0,016	0,072	FALSE
-0,125	0,288	-0,005	0,017	0,126	FALSE
-0,137	0,296	-0,005	0,016	0,128	FALSE
-0,112	0,282	-0,004	0,011	0,131	FALSE
0,003	0,286	0,000	0,014	0,004	FALSE
0,136	0,267	0,003	0,009	0,147	FALSE
-0,061	0,296	-0,002	0,010	0,090	FALSE
-0,094	0,286	-0,005	0,016	0,122	FALSE
0,068	0,283	0,003	0,012	0,102	FALSE
-0,098	0,281	-0,003	0,008	0,166	FALSE
-0,193	0,278	-0,005	0,010	0,194	FALSE
0,022	0,286	-0,001	0,011	0,038	FALSE
-0,107	0,289	-0,006	0,017	0,129	FALSE
-0,034	0,289	-0,001	0,017	0,024	FALSE
-0,037	0,284	0,000	0,011	0,003	FALSE
0,014	0,291	0,000	0,013	0,002	FALSE
-0,011	0,275	0,000	0,010	0,011	FALSE

-0,077	0,287	-0,002	0,010	0,060	FALSE
0,087	0,279	0,002	0,015	0,060	FALSE
-0,105	0,288	-0,006	0,013	0,190	FALSE
0,032	0,289	0,003	0,016	0,063	FALSE
-0,017	0,293	-0,001	0,010	0,023	FALSE
-0,052	0,280	-0,001	0,016	0,027	FALSE
0,068	0,290	0,004	0,013	0,130	FALSE
0,039	0,295	0,001	0,017	0,012	FALSE
-0,022	0,284	-0,001	0,009	0,045	FALSE
-0,212	0,274	-0,011	0,015	0,321	FALSE
-0,002	0,272	-0,002	0,014	0,052	FALSE
-0,231	0,283	-0,012	0,015	0,364	FALSE
0,060	0,299	0,003	0,013	0,089	FALSE
-0,047	0,297	-0,003	0,014	0,082	FALSE
0,009	0,273	0,000	0,013	0,001	FALSE
-0,020	0,288	0,000	0,010	0,012	FALSE
-0,209	0,273	-0,008	0,012	0,304	FALSE
-0,126	0,288	-0,005	0,013	0,146	FALSE
0,050	0,293	0,002	0,013	0,066	FALSE
0,105	0,294	0,004	0,013	0,112	FALSE
-0,165	0,286	-0,006	0,013	0,196	FALSE
-0,069	0,288	-0,002	0,008	0,104	FALSE
0,012	0,283	0,001	0,017	0,032	FALSE
-0,109	0,277	-0,005	0,013	0,152	FALSE
0,047	0,282	0,005	0,014	0,129	FALSE
-0,162	0,276	-0,004	0,009	0,194	FALSE
0,265	0,279	0,010	0,012	0,377	FALSE
-0,012	0,289	0,000	0,018	0,004	FALSE
-0,023	0,299	-0,002	0,019	0,039	FALSE
0,111	0,278	0,004	0,010	0,157	FALSE
-0,109	0,288	-0,004	0,010	0,160	FALSE
-0,015	0,293	0,000	0,017	0,001	FALSE
-0,020	0,284	-0,001	0,016	0,021	FALSE
-0,108	0,289	-0,003	0,013	0,099	FALSE
0,073	0,282	0,005	0,017	0,109	FALSE
0,100	0,277	0,006	0,018	0,138	FALSE
0,078	0,283	0,004	0,017	0,096	FALSE
0,100	0,265	0,006	0,016	0,147	FALSE
-0,070	0,277	-0,003	0,018	0,054	FALSE
-0,094	0,287	-0,004	0,016	0,097	FALSE
-0,121	0,273	-0,005	0,017	0,108	FALSE
-0,077	0,283	-0,002	0,014	0,047	FALSE
-0,163	0,284	-0,004	0,010	0,164	FALSE
-0,042	0,277	0,001	0,012	0,019	FALSE
-0,030	0,279	-0,001	0,011	0,038	FALSE
-0,071	0,286	-0,003	0,016	0,069	FALSE
-0,222	0,278	-0,008	0,012	0,296	FALSE
-0,033	0,285	-0,002	0,013	0,056	FALSE
0,047	0,270	0,002	0,011	0,055	FALSE
-0,017	0,302	0,001	0,015	0,015	FALSE
0,105	0,284	0,006	0,016	0,138	FALSE
0,132	0,289	0,007	0,012	0,240	FALSE
0,060	0,295	0,002	0,010	0,064	FALSE

-0,050	0,293	-0,004	0,015	0,091	FALSE
0,047	0,291	0,000	0,011	0,003	FALSE
0,104	0,271	0,003	0,011	0,121	FALSE
0,084	0,264	0,005	0,018	0,123	FALSE
-0,047	0,302	-0,004	0,013	0,108	FALSE
-0,072	0,286	-0,004	0,013	0,118	FALSE
-0,153	0,296	-0,004	0,010	0,158	FALSE
-0,084	0,285	-0,003	0,009	0,149	FALSE
-0,123	0,296	-0,002	0,010	0,097	FALSE
0,029	0,283	0,000	0,012	0,008	FALSE
0,008	0,296	0,000	0,017	0,008	FALSE
0,105	0,275	0,006	0,012	0,200	FALSE
0,066	0,289	0,002	0,009	0,079	FALSE
0,111	0,269	0,002	0,009	0,083	FALSE
0,000	0,279	0,000	0,011	0,008	FALSE
0,014	0,293	0,000	0,018	0,004	FALSE
-0,094	0,289	-0,003	0,010	0,132	FALSE
0,134	0,297	0,007	0,017	0,174	FALSE
0,154	0,278	0,008	0,015	0,221	FALSE
-0,031	0,290	-0,001	0,010	0,033	FALSE
0,126	0,286	0,005	0,012	0,174	FALSE
-0,185	0,291	-0,005	0,010	0,227	FALSE
-0,030	0,280	-0,002	0,012	0,064	FALSE
-0,151	0,276	-0,006	0,009	0,300	FALSE
0,120	0,285	0,007	0,013	0,222	FALSE
0,130	0,274	0,005	0,011	0,197	FALSE
-0,011	0,290	-0,002	0,018	0,049	FALSE
0,153	0,286	0,007	0,012	0,238	FALSE
0,005	0,287	0,000	0,018	0,005	FALSE
0,242	0,266	0,009	0,011	0,432	FALSE
0,059	0,276	0,004	0,017	0,086	FALSE
-0,016	0,286	-0,001	0,016	0,026	FALSE
-0,268	0,269	-0,017	0,017	0,478	FALSE
-0,149	0,282	-0,008	0,015	0,229	FALSE
0,063	0,267	0,001	0,010	0,037	FALSE
-0,131	0,268	-0,008	0,017	0,193	FALSE
0,221	0,270	0,012	0,018	0,319	FALSE
-0,024	0,270	-0,001	0,014	0,034	FALSE
0,038	0,275	0,002	0,009	0,106	FALSE
-0,022	0,269	-0,001	0,014	0,023	FALSE
-0,135	0,276	-0,004	0,009	0,176	FALSE
-0,094	0,275	-0,005	0,014	0,147	FALSE
-0,100	0,276	-0,003	0,009	0,106	FALSE
-0,141	0,281	-0,009	0,017	0,204	FALSE
-0,016	0,298	-0,003	0,016	0,059	FALSE
-0,035	0,284	-0,002	0,015	0,053	FALSE
-0,123	0,276	-0,004	0,012	0,134	FALSE
0,022	0,283	0,001	0,014	0,021	FALSE
-0,027	0,281	0,000	0,008	0,011	FALSE
-0,132	0,268	-0,003	0,009	0,145	FALSE
-0,139	0,282	-0,003	0,009	0,135	FALSE
-0,140	0,285	-0,003	0,008	0,139	FALSE
-0,142	0,281	-0,004	0,010	0,182	FALSE

-0,171	0,267	-0,005	0,010	0,214	FALSE
-0,053	0,277	-0,001	0,015	0,014	FALSE
-0,096	0,271	-0,004	0,016	0,095	FALSE
0,120	0,277	0,003	0,009	0,150	FALSE
0,219	0,284	0,013	0,015	0,385	FALSE
0,047	0,284	0,004	0,014	0,101	FALSE
-0,090	0,273	-0,003	0,009	0,160	FALSE
0,083	0,288	0,003	0,013	0,090	FALSE
-0,246	0,287	-0,011	0,014	0,366	FALSE
-0,003	0,290	0,001	0,018	0,015	FALSE
0,241	0,264	0,009	0,011	0,346	FALSE
0,209	0,280	0,010	0,017	0,256	FALSE
-0,036	0,284	-0,003	0,014	0,087	FALSE
0,218	0,276	0,006	0,009	0,258	FALSE
0,023	0,298	0,002	0,011	0,077	FALSE
0,044	0,279	0,002	0,012	0,061	FALSE
-0,123	0,279	-0,003	0,011	0,125	FALSE
-0,019	0,293	-0,001	0,009	0,030	FALSE
-0,055	0,296	-0,005	0,018	0,096	FALSE
0,066	0,296	0,002	0,015	0,036	FALSE
-0,116	0,284	-0,004	0,014	0,118	FALSE
0,009	0,288	0,000	0,013	0,002	FALSE
-0,156	0,286	-0,004	0,010	0,184	FALSE
0,051	0,285	0,003	0,010	0,098	FALSE
0,143	0,288	0,005	0,010	0,203	FALSE
-0,100	0,280	-0,004	0,012	0,121	FALSE
0,042	0,289	0,001	0,011	0,036	FALSE
0,076	0,281	0,005	0,011	0,196	FALSE
0,029	0,272	-0,001	0,015	0,027	FALSE
-0,142	0,285	-0,003	0,010	0,134	FALSE
-0,145	0,283	-0,004	0,011	0,145	FALSE
-0,166	0,290	-0,010	0,016	0,277	FALSE
-0,196	0,293	-0,011	0,017	0,286	FALSE
-0,151	0,275	-0,007	0,014	0,225	FALSE
-0,116	0,291	-0,003	0,011	0,098	FALSE
-0,120	0,282	-0,005	0,013	0,149	FALSE
0,166	0,294	0,012	0,019	0,268	FALSE
0,040	0,295	0,002	0,015	0,047	FALSE
0,006	0,289	0,001	0,015	0,024	FALSE
0,005	0,274	-0,001	0,013	0,035	FALSE
0,072	0,283	0,004	0,013	0,106	FALSE
0,015	0,290	0,002	0,016	0,044	FALSE
0,068	0,273	0,003	0,011	0,120	FALSE
0,007	0,302	0,000	0,011	0,012	FALSE
-0,015	0,261	0,001	0,016	0,023	FALSE
-0,117	0,277	-0,004	0,013	0,128	FALSE
-0,102	0,284	-0,004	0,014	0,120	FALSE
0,127	0,268	0,004	0,010	0,170	FALSE
0,154	0,269	0,004	0,010	0,192	FALSE
-0,024	0,278	-0,001	0,010	0,034	FALSE
0,141	0,270	0,003	0,012	0,111	FALSE
0,051	0,286	0,002	0,013	0,056	FALSE
0,141	0,260	0,007	0,014	0,188	FALSE

0,103	0,267	0,003	0,009	0,122	FALSE
0,164	0,277	0,008	0,017	0,186	FALSE
0,114	0,281	0,002	0,009	0,094	FALSE
0,160	0,268	0,010	0,015	0,301	FALSE
-0,140	0,270	-0,009	0,017	0,233	FALSE
-0,083	0,277	-0,003	0,014	0,072	FALSE
0,008	0,280	0,000	0,016	0,005	FALSE
0,148	0,263	0,008	0,014	0,258	FALSE
0,128	0,290	0,003	0,009	0,144	FALSE
0,049	0,268	0,000	0,014	0,001	FALSE
0,035	0,276	0,000	0,013	0,007	FALSE
0,035	0,288	-0,001	0,014	0,014	FALSE
0,023	0,274	0,001	0,008	0,040	FALSE
0,060	0,279	0,002	0,008	0,103	FALSE
-0,070	0,281	-0,003	0,016	0,071	FALSE
-0,141	0,289	-0,005	0,010	0,190	FALSE
-0,198	0,275	-0,007	0,014	0,207	FALSE
0,037	0,276	0,000	0,009	0,003	FALSE
-0,087	0,281	-0,003	0,010	0,101	FALSE
-0,244	0,256	-0,016	0,017	0,466	FALSE
-0,114	0,281	-0,006	0,017	0,139	FALSE
0,161	0,280	0,008	0,016	0,213	FALSE
0,173	0,269	0,008	0,016	0,206	FALSE
0,099	0,273	0,004	0,015	0,093	FALSE
0,167	0,275	0,008	0,015	0,205	FALSE
0,034	0,293	0,002	0,010	0,090	FALSE
0,100	0,277	0,005	0,015	0,140	FALSE
-0,035	0,303	-0,001	0,014	0,017	FALSE
0,175	0,279	0,005	0,009	0,240	FALSE
0,082	0,272	0,002	0,009	0,093	FALSE
-0,202	0,273	-0,009	0,013	0,303	FALSE
-0,084	0,283	-0,006	0,016	0,150	FALSE
0,100	0,283	0,003	0,015	0,075	FALSE
-0,126	0,291	-0,007	0,018	0,152	FALSE
0,060	0,258	0,003	0,014	0,086	FALSE
0,300	0,261	0,012	0,011	0,542	FALSE
0,082	0,278	0,006	0,014	0,187	FALSE
0,075	0,274	0,005	0,013	0,164	FALSE
-0,061	0,290	0,000	0,013	0,010	FALSE
-0,106	0,267	-0,003	0,010	0,124	FALSE
-0,010	0,282	0,000	0,009	0,003	FALSE
0,127	0,296	0,005	0,014	0,157	FALSE
-0,026	0,291	0,000	0,014	0,002	FALSE
0,259	0,259	0,014	0,017	0,391	FALSE
0,058	0,288	0,004	0,016	0,081	FALSE
0,021	0,286	0,001	0,011	0,022	FALSE
0,023	0,286	0,000	0,014	0,008	FALSE
0,057	0,270	0,002	0,015	0,043	FALSE
-0,032	0,268	-0,002	0,016	0,053	FALSE
0,012	0,272	-0,001	0,010	0,035	FALSE
0,003	0,274	0,000	0,015	0,004	FALSE
-0,077	0,287	-0,001	0,009	0,054	FALSE
0,180	0,257	0,009	0,012	0,343	FALSE

0,027	0,281	0,001	0,010	0,043	FALSE
-0,038	0,284	-0,003	0,016	0,064	FALSE
-0,043	0,286	-0,005	0,017	0,110	FALSE
0,004	0,282	0,002	0,014	0,048	FALSE
-0,007	0,261	-0,002	0,014	0,048	FALSE
-0,161	0,286	-0,006	0,013	0,191	FALSE
0,175	0,282	0,007	0,014	0,225	FALSE
0,087	0,286	0,004	0,018	0,087	FALSE
-0,014	0,283	0,000	0,009	0,015	FALSE
-0,127	0,289	-0,003	0,008	0,134	FALSE
-0,052	0,276	-0,005	0,014	0,140	FALSE
-0,021	0,284	-0,003	0,014	0,077	FALSE
0,030	0,287	0,002	0,012	0,050	FALSE
-0,172	0,274	-0,009	0,013	0,285	FALSE
-0,011	0,292	0,000	0,009	0,007	FALSE
0,031	0,290	0,000	0,010	0,006	FALSE
0,064	0,276	0,003	0,008	0,160	FALSE
0,094	0,282	0,005	0,017	0,110	FALSE
-0,160	0,271	-0,010	0,016	0,297	FALSE
-0,079	0,297	-0,003	0,011	0,083	FALSE
-0,107	0,283	-0,005	0,013	0,147	FALSE
-0,133	0,292	-0,005	0,014	0,145	FALSE
0,087	0,290	0,004	0,012	0,119	FALSE
-0,073	0,281	-0,005	0,018	0,112	FALSE
0,033	0,282	0,001	0,013	0,028	FALSE
-0,122	0,281	-0,003	0,008	0,155	FALSE
-0,029	0,287	0,000	0,011	0,001	FALSE
0,114	0,291	0,005	0,014	0,130	FALSE
-0,085	0,279	-0,001	0,014	0,038	FALSE
0,074	0,294	0,002	0,015	0,059	FALSE
0,069	0,289	0,003	0,016	0,066	FALSE
0,058	0,282	0,003	0,016	0,060	FALSE
0,058	0,296	0,003	0,017	0,056	FALSE
0,067	0,291	0,003	0,016	0,076	FALSE
0,038	0,291	0,001	0,016	0,024	FALSE
0,216	0,270	0,009	0,018	0,228	FALSE
0,101	0,270	0,001	0,012	0,042	FALSE
-0,162	0,275	-0,008	0,018	0,188	FALSE
-0,148	0,284	-0,009	0,016	0,234	FALSE
-0,139	0,279	-0,008	0,016	0,213	FALSE
-0,107	0,285	-0,008	0,016	0,193	FALSE
-0,047	0,284	-0,003	0,014	0,083	FALSE
-0,050	0,286	-0,004	0,018	0,076	FALSE
0,284	0,264	0,013	0,015	0,403	FALSE
0,227	0,272	0,006	0,009	0,305	FALSE
0,099	0,261	0,002	0,013	0,060	FALSE
0,055	0,281	0,004	0,015	0,097	FALSE
0,022	0,280	0,003	0,016	0,064	FALSE
-0,225	0,282	-0,011	0,015	0,337	FALSE
0,108	0,293	0,008	0,016	0,210	FALSE
0,012	0,265	0,000	0,011	0,006	FALSE
0,032	0,285	0,002	0,010	0,086	FALSE
0,082	0,281	0,007	0,017	0,161	FALSE

0,005	0,282	-0,003	0,017	0,069	FALSE
0,031	0,279	0,001	0,014	0,030	FALSE
-0,078	0,273	-0,001	0,013	0,032	FALSE
0,032	0,288	0,004	0,017	0,095	FALSE
0,053	0,286	0,004	0,016	0,101	FALSE
0,029	0,281	0,001	0,011	0,031	FALSE
-0,009	0,296	-0,001	0,011	0,035	FALSE
-0,051	0,287	-0,005	0,014	0,145	FALSE
0,043	0,291	0,000	0,015	0,011	FALSE
-0,089	0,285	-0,001	0,008	0,055	FALSE
0,092	0,291	0,003	0,015	0,085	FALSE
0,059	0,286	0,002	0,011	0,053	FALSE
0,089	0,288	0,002	0,009	0,075	FALSE
0,011	0,286	0,000	0,016	0,007	FALSE
-0,186	0,281	-0,007	0,013	0,229	FALSE
-0,060	0,286	-0,001	0,010	0,053	FALSE
-0,131	0,292	-0,006	0,013	0,184	FALSE
0,001	0,298	-0,002	0,018	0,041	FALSE
0,067	0,278	0,000	0,011	0,012	FALSE
0,041	0,290	0,002	0,011	0,054	FALSE
0,092	0,276	0,004	0,012	0,147	FALSE
0,067	0,269	0,003	0,010	0,110	FALSE
0,157	0,285	0,008	0,014	0,240	FALSE
0,120	0,278	0,007	0,016	0,185	FALSE
0,089	0,284	0,006	0,017	0,133	FALSE
0,048	0,284	0,002	0,011	0,062	FALSE
0,100	0,281	0,003	0,009	0,107	FALSE
0,119	0,268	0,006	0,014	0,157	FALSE
0,146	0,282	0,003	0,011	0,117	FALSE
0,071	0,272	0,000	0,011	0,010	FALSE
-0,094	0,284	-0,003	0,010	0,111	FALSE
0,104	0,270	0,002	0,011	0,090	FALSE
-0,134	0,287	-0,005	0,015	0,122	FALSE
0,029	0,273	0,003	0,010	0,117	FALSE
-0,167	0,285	-0,003	0,010	0,125	FALSE
-0,123	0,272	-0,004	0,015	0,111	FALSE
0,113	0,279	0,004	0,018	0,079	FALSE
0,067	0,291	0,002	0,017	0,040	FALSE
0,032	0,282	0,000	0,017	0,005	FALSE
-0,007	0,287	-0,003	0,017	0,058	FALSE
0,224	0,276	0,013	0,018	0,332	FALSE
0,117	0,293	0,006	0,014	0,184	FALSE
0,116	0,297	0,005	0,013	0,171	FALSE
-0,018	0,278	-0,001	0,009	0,020	FALSE
-0,117	0,282	-0,005	0,017	0,115	FALSE
-0,089	0,288	-0,004	0,015	0,093	FALSE
-0,138	0,281	-0,007	0,012	0,250	FALSE
0,114	0,274	0,005	0,011	0,174	FALSE
0,111	0,285	0,004	0,011	0,148	FALSE
-0,065	0,280	-0,004	0,011	0,167	FALSE
0,043	0,279	0,003	0,017	0,077	FALSE
-0,114	0,284	-0,005	0,009	0,232	FALSE
0,109	0,283	0,005	0,011	0,167	FALSE

0,089	0,284	0,003	0,010	0,134	FALSE
0,095	0,299	0,004	0,011	0,158	FALSE
0,036	0,278	0,003	0,010	0,100	FALSE
0,054	0,287	0,002	0,017	0,035	FALSE
-0,120	0,282	-0,006	0,017	0,148	FALSE
0,238	0,264	0,012	0,017	0,321	FALSE
-0,023	0,293	-0,003	0,016	0,078	FALSE
0,151	0,275	0,005	0,011	0,161	FALSE
0,162	0,273	0,005	0,012	0,195	FALSE
0,077	0,290	0,006	0,018	0,125	FALSE
-0,044	0,296	-0,002	0,016	0,054	FALSE
-0,032	0,285	-0,002	0,009	0,076	FALSE
-0,079	0,282	-0,004	0,014	0,124	FALSE
0,086	0,297	0,003	0,017	0,064	FALSE
0,074	0,280	0,006	0,018	0,124	FALSE
0,045	0,288	0,000	0,015	0,000	FALSE
-0,032	0,286	-0,001	0,012	0,042	FALSE
0,095	0,295	0,004	0,011	0,127	FALSE
-0,132	0,280	-0,003	0,010	0,124	FALSE
0,168	0,282	0,005	0,008	0,261	FALSE
0,079	0,293	0,003	0,013	0,078	FALSE
0,072	0,279	0,005	0,014	0,133	FALSE
0,071	0,295	0,005	0,015	0,143	FALSE
0,008	0,281	0,000	0,010	0,001	FALSE
-0,068	0,291	-0,001	0,011	0,035	FALSE
0,008	0,291	0,000	0,014	0,001	FALSE
0,072	0,283	0,003	0,014	0,093	FALSE
0,085	0,284	0,006	0,017	0,140	FALSE
0,017	0,292	0,002	0,015	0,044	FALSE
-0,092	0,282	-0,002	0,015	0,055	FALSE
-0,094	0,272	-0,005	0,012	0,158	FALSE
-0,002	0,280	-0,001	0,017	0,015	FALSE
-0,095	0,300	-0,002	0,009	0,087	FALSE
-0,228	0,276	-0,008	0,009	0,439	FALSE
0,086	0,280	0,004	0,013	0,130	FALSE
0,038	0,279	0,002	0,017	0,051	FALSE
-0,270	0,264	-0,012	0,013	0,436	FALSE
-0,082	0,283	-0,003	0,016	0,067	FALSE
-0,017	0,286	0,000	0,016	0,003	FALSE
-0,020	0,269	-0,003	0,011	0,104	FALSE
0,109	0,285	0,004	0,010	0,182	FALSE
-0,354	0,252	-0,016	0,012	0,705	FALSE
0,067	0,277	0,000	0,018	0,008	FALSE
0,074	0,292	0,002	0,016	0,038	FALSE
-0,127	0,286	-0,004	0,016	0,083	FALSE
0,121	0,266	0,004	0,008	0,210	FALSE
0,038	0,271	0,004	0,014	0,118	FALSE
0,016	0,277	0,000	0,012	0,008	FALSE
0,078	0,298	0,002	0,015	0,061	FALSE
0,101	0,287	0,004	0,012	0,123	FALSE
0,190	0,282	0,010	0,017	0,257	FALSE
0,184	0,281	0,008	0,014	0,242	FALSE
0,036	0,288	0,001	0,011	0,048	FALSE

0,058	0,273	0,002	0,010	0,064	FALSE
0,039	0,275	0,003	0,011	0,109	FALSE
-0,121	0,288	-0,007	0,014	0,191	FALSE
-0,082	0,280	-0,002	0,011	0,075	FALSE
0,077	0,281	0,003	0,009	0,141	FALSE
-0,011	0,277	0,002	0,017	0,047	FALSE
-0,028	0,274	0,001	0,017	0,021	FALSE
-0,099	0,285	-0,004	0,011	0,149	FALSE
0,061	0,288	0,005	0,017	0,110	FALSE
-0,011	0,279	0,001	0,016	0,016	FALSE
0,047	0,276	0,000	0,010	0,014	FALSE
0,069	0,279	0,003	0,011	0,097	FALSE
0,051	0,276	-0,001	0,009	0,038	FALSE
0,052	0,280	-0,001	0,010	0,025	FALSE
-0,031	0,275	-0,002	0,014	0,064	FALSE
-0,063	0,291	-0,004	0,013	0,107	FALSE
-0,094	0,280	-0,006	0,017	0,136	FALSE
-0,091	0,291	-0,002	0,009	0,094	FALSE
-0,121	0,284	-0,006	0,016	0,160	FALSE
-0,089	0,282	-0,005	0,015	0,127	FALSE
-0,131	0,278	-0,007	0,015	0,205	FALSE
-0,116	0,273	-0,006	0,014	0,163	FALSE
0,065	0,276	0,004	0,016	0,106	FALSE
-0,228	0,282	-0,007	0,012	0,261	FALSE
0,048	0,279	0,003	0,016	0,067	FALSE
0,123	0,284	0,005	0,015	0,125	FALSE
-0,030	0,293	0,000	0,011	0,001	FALSE
-0,221	0,263	-0,010	0,013	0,351	FALSE
0,111	0,294	0,003	0,010	0,103	FALSE
-0,159	0,283	-0,006	0,015	0,166	FALSE
0,224	0,289	0,008	0,012	0,285	FALSE
-0,078	0,292	-0,004	0,014	0,118	FALSE
0,130	0,289	0,003	0,011	0,111	FALSE
-0,108	0,272	-0,005	0,010	0,215	FALSE
-0,086	0,285	-0,004	0,010	0,155	FALSE
0,041	0,282	0,003	0,017	0,071	FALSE
0,106	0,281	0,003	0,009	0,109	FALSE
-0,100	0,290	-0,002	0,009	0,061	FALSE
0,201	0,285	0,005	0,009	0,219	FALSE
-0,069	0,281	-0,001	0,012	0,017	FALSE
-0,170	0,286	-0,006	0,009	0,274	FALSE
0,055	0,290	0,002	0,017	0,042	FALSE
0,174	0,266	0,006	0,012	0,210	FALSE
-0,071	0,299	-0,005	0,014	0,125	FALSE
0,012	0,278	0,001	0,013	0,036	FALSE
-0,033	0,274	-0,002	0,012	0,055	FALSE
-0,039	0,292	-0,003	0,010	0,108	FALSE
0,076	0,288	0,003	0,009	0,136	FALSE
-0,120	0,287	-0,004	0,014	0,126	FALSE
0,059	0,276	0,002	0,016	0,057	FALSE
-0,145	0,287	-0,008	0,016	0,215	FALSE
-0,123	0,286	-0,007	0,015	0,182	FALSE
-0,006	0,297	-0,001	0,012	0,026	FALSE

-0,102	0,265	-0,007	0,015	0,208	FALSE
-0,145	0,284	-0,007	0,017	0,167	FALSE
0,050	0,284	0,001	0,012	0,038	FALSE
-0,110	0,289	-0,005	0,018	0,097	FALSE
0,041	0,276	0,000	0,009	0,002	FALSE
0,002	0,288	-0,001	0,011	0,040	FALSE
0,133	0,277	0,005	0,017	0,124	FALSE
0,022	0,285	0,000	0,017	0,003	FALSE
0,006	0,275	0,000	0,012	0,002	FALSE
-0,057	0,277	-0,001	0,010	0,049	FALSE
0,040	0,280	0,001	0,008	0,052	FALSE
-0,117	0,271	-0,007	0,017	0,152	FALSE
-0,104	0,279	-0,004	0,009	0,193	FALSE
-0,238	0,281	-0,009	0,013	0,325	FALSE
0,029	0,282	-0,002	0,017	0,032	FALSE
-0,128	0,286	-0,004	0,012	0,145	FALSE
0,184	0,275	0,005	0,010	0,238	FALSE
-0,028	0,277	-0,001	0,016	0,029	FALSE
0,199	0,281	0,006	0,009	0,308	FALSE
-0,113	0,293	-0,003	0,010	0,133	FALSE
0,068	0,280	0,004	0,012	0,147	FALSE
-0,205	0,262	-0,010	0,015	0,308	FALSE
0,184	0,278	0,010	0,017	0,279	FALSE
-0,111	0,291	-0,003	0,009	0,132	FALSE
0,103	0,271	0,006	0,016	0,152	FALSE
0,008	0,280	-0,001	0,010	0,019	FALSE
-0,013	0,289	-0,002	0,018	0,038	FALSE
0,019	0,276	0,001	0,017	0,021	FALSE
0,002	0,284	0,000	0,017	0,010	FALSE
-0,066	0,291	-0,006	0,018	0,139	FALSE
-0,021	0,281	0,001	0,010	0,030	FALSE
-0,028	0,281	0,000	0,013	0,002	FALSE
0,011	0,284	-0,001	0,017	0,029	FALSE
-0,151	0,281	-0,007	0,018	0,159	FALSE
0,104	0,268	0,003	0,015	0,085	FALSE
0,102	0,274	0,004	0,016	0,088	FALSE
0,078	0,286	0,006	0,017	0,144	FALSE
-0,019	0,278	-0,004	0,015	0,095	FALSE
-0,009	0,287	-0,003	0,015	0,078	FALSE
-0,304	0,264	-0,014	0,016	0,429	FALSE
-0,296	0,272	-0,014	0,017	0,401	FALSE
-0,279	0,255	-0,015	0,018	0,391	FALSE
0,025	0,293	0,000	0,010	0,007	FALSE
0,003	0,285	-0,002	0,015	0,058	FALSE
0,069	0,299	0,002	0,018	0,049	FALSE
0,068	0,274	0,001	0,016	0,017	FALSE
-0,082	0,274	-0,005	0,015	0,124	FALSE
0,011	0,270	0,001	0,016	0,027	FALSE
-0,020	0,273	-0,001	0,010	0,035	FALSE
0,021	0,271	0,002	0,015	0,055	FALSE
-0,004	0,292	0,002	0,015	0,049	FALSE
0,012	0,284	0,003	0,015	0,072	FALSE
-0,150	0,273	-0,004	0,011	0,144	FALSE

-0,037	0,279	-0,001	0,009	0,051	FALSE
-0,012	0,285	-0,001	0,011	0,018	FALSE
0,140	0,285	0,010	0,015	0,273	FALSE
-0,025	0,285	0,000	0,009	0,012	FALSE
-0,081	0,276	-0,003	0,015	0,076	FALSE
0,136	0,275	0,004	0,009	0,184	FALSE
0,150	0,281	0,008	0,014	0,236	FALSE
-0,163	0,295	-0,005	0,010	0,192	FALSE
-0,174	0,272	-0,010	0,014	0,315	FALSE
-0,029	0,282	-0,002	0,011	0,071	FALSE
-0,003	0,277	0,001	0,010	0,033	FALSE
-0,014	0,277	-0,002	0,014	0,058	FALSE
0,097	0,290	0,005	0,013	0,159	FALSE
-0,166	0,279	-0,008	0,016	0,213	FALSE
-0,152	0,285	-0,007	0,015	0,196	FALSE
0,011	0,282	0,001	0,009	0,027	FALSE
0,099	0,294	0,002	0,011	0,055	FALSE
-0,131	0,282	-0,004	0,015	0,114	FALSE
-0,075	0,278	-0,001	0,015	0,024	FALSE
-0,191	0,284	-0,010	0,015	0,276	FALSE
-0,104	0,264	-0,005	0,014	0,145	FALSE
-0,174	0,273	-0,006	0,010	0,261	FALSE
-0,194	0,280	-0,006	0,012	0,226	FALSE
0,112	0,280	0,003	0,014	0,092	FALSE
0,064	0,295	0,001	0,012	0,025	FALSE
-0,005	0,285	-0,001	0,014	0,013	FALSE
0,054	0,279	0,001	0,009	0,051	FALSE
-0,015	0,281	0,000	0,011	0,000	FALSE
0,123	0,286	0,006	0,015	0,165	FALSE
-0,054	0,284	0,000	0,008	0,018	FALSE
-0,036	0,289	-0,001	0,015	0,022	FALSE
-0,107	0,297	-0,005	0,018	0,117	FALSE
-0,055	0,287	-0,001	0,009	0,023	FALSE
0,001	0,279	0,001	0,008	0,024	FALSE
0,137	0,283	0,010	0,015	0,319	FALSE
0,137	0,281	0,009	0,015	0,289	FALSE
0,111	0,271	0,009	0,015	0,274	FALSE
0,128	0,288	0,010	0,015	0,284	FALSE
-0,116	0,295	-0,008	0,018	0,193	FALSE
0,023	0,283	0,001	0,011	0,019	FALSE
0,135	0,270	0,005	0,011	0,208	FALSE
-0,099	0,281	-0,003	0,011	0,097	FALSE
0,111	0,281	0,002	0,009	0,085	FALSE
-0,050	0,282	-0,002	0,015	0,051	FALSE
-0,081	0,288	-0,004	0,016	0,097	FALSE
-0,146	0,285	-0,005	0,012	0,186	FALSE
0,106	0,280	0,006	0,015	0,161	FALSE
0,001	0,289	-0,001	0,014	0,020	FALSE
-0,040	0,272	-0,001	0,010	0,051	FALSE
0,080	0,272	0,001	0,011	0,033	FALSE
0,100	0,266	0,002	0,011	0,079	FALSE
-0,233	0,277	-0,009	0,013	0,298	FALSE
-0,198	0,271	-0,009	0,018	0,223	FALSE

0,073	0,286	0,005	0,017	0,110	FALSE
0,098	0,283	0,005	0,017	0,124	FALSE
-0,082	0,289	-0,005	0,018	0,116	FALSE
0,067	0,267	0,001	0,008	0,065	FALSE
-0,155	0,284	-0,011	0,018	0,268	FALSE
-0,148	0,288	-0,004	0,011	0,152	FALSE
0,038	0,279	0,000	0,013	0,007	FALSE
0,027	0,288	0,001	0,017	0,017	FALSE
-0,006	0,276	0,000	0,008	0,017	FALSE
0,125	0,279	0,005	0,012	0,171	FALSE
-0,004	0,280	-0,001	0,017	0,025	FALSE
0,053	0,279	0,001	0,009	0,022	FALSE
-0,115	0,278	-0,004	0,011	0,159	FALSE
-0,074	0,275	-0,002	0,014	0,042	FALSE
-0,094	0,286	-0,004	0,014	0,110	FALSE
-0,091	0,270	-0,004	0,018	0,095	FALSE
-0,129	0,282	-0,006	0,017	0,137	FALSE
0,114	0,290	0,005	0,010	0,219	FALSE
0,093	0,305	0,005	0,014	0,156	FALSE
-0,094	0,284	-0,003	0,011	0,117	FALSE
-0,027	0,302	0,000	0,008	0,013	FALSE
-0,066	0,277	-0,002	0,009	0,102	FALSE
-0,079	0,293	-0,003	0,015	0,082	FALSE
0,229	0,271	0,009	0,012	0,368	FALSE
-0,057	0,286	-0,002	0,010	0,087	FALSE
-0,042	0,277	-0,002	0,009	0,071	FALSE
0,127	0,283	0,006	0,014	0,182	FALSE
0,081	0,286	0,002	0,015	0,060	FALSE
0,040	0,288	0,002	0,009	0,078	FALSE
-0,115	0,269	-0,004	0,011	0,168	FALSE
0,130	0,270	0,004	0,010	0,169	FALSE
-0,097	0,289	-0,005	0,011	0,171	FALSE
0,133	0,269	0,007	0,017	0,180	FALSE
-0,096	0,285	-0,003	0,010	0,112	FALSE
-0,002	0,285	-0,002	0,017	0,044	FALSE
0,059	0,281	0,002	0,011	0,068	FALSE
0,250	0,279	0,010	0,014	0,305	FALSE
-0,068	0,277	-0,002	0,010	0,068	FALSE
-0,066	0,274	-0,002	0,010	0,073	FALSE
0,015	0,275	0,001	0,010	0,046	FALSE
0,024	0,294	0,001	0,017	0,017	FALSE
-0,170	0,291	-0,009	0,014	0,282	FALSE
-0,038	0,278	-0,001	0,014	0,027	FALSE
-0,179	0,296	-0,010	0,018	0,243	FALSE
-0,033	0,278	0,001	0,013	0,022	FALSE
-0,216	0,267	-0,009	0,013	0,282	FALSE
0,154	0,276	0,009	0,014	0,263	FALSE
-0,050	0,285	-0,001	0,012	0,015	FALSE
0,043	0,288	0,001	0,012	0,046	FALSE
0,058	0,294	0,003	0,015	0,083	FALSE
0,026	0,281	0,001	0,010	0,023	FALSE
-0,202	0,285	-0,007	0,011	0,288	FALSE
-0,021	0,281	0,000	0,009	0,003	FALSE

-0,070	0,276	-0,003	0,010	0,143	FALSE
-0,097	0,280	-0,004	0,010	0,176	FALSE
-0,050	0,276	-0,004	0,016	0,086	FALSE
-0,070	0,274	-0,002	0,011	0,074	FALSE
0,045	0,278	0,004	0,017	0,085	FALSE
0,052	0,286	0,004	0,011	0,130	FALSE
0,058	0,266	0,002	0,012	0,071	FALSE
0,110	0,262	0,004	0,009	0,181	FALSE
-0,009	0,290	-0,001	0,010	0,021	FALSE
0,150	0,264	0,005	0,009	0,252	FALSE
-0,102	0,279	-0,003	0,010	0,136	FALSE
-0,126	0,281	-0,007	0,016	0,161	FALSE
-0,006	0,274	0,001	0,010	0,047	FALSE
0,025	0,279	0,001	0,009	0,043	FALSE
0,028	0,281	0,001	0,009	0,055	FALSE
-0,008	0,296	0,001	0,013	0,013	FALSE
-0,104	0,285	-0,004	0,013	0,118	FALSE
0,155	0,279	0,008	0,015	0,235	FALSE
0,101	0,269	0,005	0,011	0,174	FALSE
0,002	0,286	0,000	0,011	0,002	FALSE
0,118	0,300	0,006	0,014	0,180	FALSE
-0,063	0,287	-0,002	0,011	0,070	FALSE
-0,018	0,277	-0,002	0,013	0,059	FALSE
0,123	0,278	0,004	0,016	0,093	FALSE
-0,060	0,300	-0,004	0,017	0,086	FALSE
-0,095	0,287	-0,004	0,013	0,132	FALSE
-0,001	0,287	-0,001	0,010	0,021	FALSE
-0,015	0,295	-0,001	0,010	0,036	FALSE
-0,107	0,287	-0,002	0,010	0,063	FALSE
0,017	0,290	0,002	0,015	0,041	FALSE
-0,091	0,289	-0,005	0,017	0,108	FALSE
-0,091	0,292	-0,004	0,017	0,088	FALSE
-0,105	0,300	-0,005	0,018	0,117	FALSE
-0,075	0,282	-0,004	0,013	0,108	FALSE
-0,011	0,284	0,001	0,017	0,021	FALSE
0,095	0,280	0,005	0,015	0,144	FALSE
-0,052	0,290	-0,003	0,018	0,067	FALSE
0,083	0,273	0,002	0,009	0,065	FALSE
0,014	0,273	0,001	0,010	0,033	FALSE
0,100	0,287	0,006	0,017	0,126	FALSE
0,083	0,286	0,003	0,013	0,074	FALSE
0,176	0,268	0,006	0,009	0,308	FALSE
0,037	0,271	0,000	0,009	0,008	FALSE
-0,015	0,284	0,000	0,016	0,002	FALSE
-0,090	0,281	-0,004	0,014	0,104	FALSE
0,095	0,294	0,006	0,018	0,133	FALSE
0,074	0,276	0,004	0,016	0,105	FALSE
0,068	0,297	0,003	0,014	0,090	FALSE
0,059	0,271	0,004	0,013	0,107	FALSE
-0,161	0,284	-0,005	0,012	0,158	FALSE
-0,028	0,287	-0,003	0,014	0,087	FALSE
-0,134	0,282	-0,009	0,017	0,211	FALSE
0,076	0,285	0,002	0,008	0,112	FALSE

-0,011	0,286	-0,001	0,010	0,026	FALSE
0,210	0,283	0,007	0,011	0,293	FALSE
-0,010	0,272	-0,001	0,017	0,011	FALSE
-0,152	0,281	-0,005	0,010	0,217	FALSE
-0,026	0,289	0,001	0,010	0,024	FALSE
-0,022	0,291	-0,004	0,018	0,094	FALSE
0,028	0,287	0,001	0,014	0,026	FALSE
-0,101	0,284	-0,003	0,009	0,109	FALSE
-0,040	0,281	-0,002	0,011	0,067	FALSE
-0,067	0,275	-0,003	0,011	0,115	FALSE
0,016	0,286	-0,001	0,013	0,025	FALSE
0,099	0,274	0,003	0,013	0,082	FALSE
0,052	0,283	0,001	0,017	0,025	FALSE
-0,005	0,297	-0,001	0,014	0,021	FALSE
-0,032	0,284	-0,002	0,014	0,052	FALSE
-0,048	0,273	-0,004	0,016	0,099	FALSE
-0,044	0,277	-0,005	0,017	0,110	FALSE
-0,009	0,292	-0,002	0,017	0,046	FALSE
0,105	0,282	0,002	0,010	0,099	FALSE
-0,079	0,297	-0,002	0,011	0,074	FALSE
0,094	0,288	0,002	0,009	0,099	FALSE
0,117	0,268	0,002	0,008	0,108	FALSE
-0,120	0,267	-0,004	0,014	0,123	FALSE
0,091	0,267	0,002	0,011	0,072	FALSE
0,023	0,285	-0,002	0,018	0,048	FALSE
0,032	0,291	-0,002	0,017	0,038	FALSE
-0,005	0,284	-0,001	0,012	0,042	FALSE
0,103	0,275	0,003	0,010	0,100	FALSE
0,050	0,288	0,001	0,012	0,025	FALSE
-0,112	0,278	-0,002	0,017	0,042	FALSE
0,128	0,284	0,004	0,012	0,121	FALSE
0,034	0,288	-0,002	0,017	0,038	FALSE
-0,187	0,279	-0,013	0,018	0,307	FALSE
-0,198	0,268	-0,013	0,018	0,334	FALSE
-0,139	0,284	-0,003	0,008	0,137	FALSE
0,069	0,268	0,002	0,013	0,070	FALSE
-0,071	0,284	-0,003	0,011	0,099	FALSE
-0,111	0,283	-0,004	0,014	0,118	FALSE
0,013	0,269	0,001	0,010	0,049	FALSE
0,167	0,277	0,008	0,015	0,220	FALSE
-0,169	0,281	-0,008	0,014	0,238	FALSE
0,188	0,269	0,011	0,017	0,270	FALSE
0,064	0,281	0,004	0,015	0,091	FALSE
0,059	0,284	0,002	0,011	0,072	FALSE
-0,022	0,281	0,001	0,013	0,025	FALSE
0,029	0,282	0,001	0,017	0,024	FALSE
0,030	0,291	0,003	0,010	0,104	FALSE
0,174	0,270	0,010	0,016	0,274	FALSE
0,029	0,290	0,001	0,012	0,033	FALSE
-0,023	0,286	-0,002	0,015	0,052	FALSE
0,118	0,271	0,004	0,009	0,179	FALSE
0,057	0,283	0,001	0,008	0,030	FALSE
-0,098	0,273	-0,007	0,015	0,206	FALSE

0,053	0,286	0,005	0,014	0,137	FALSE
0,030	0,277	0,001	0,009	0,048	FALSE
-0,027	0,288	-0,004	0,015	0,104	FALSE
-0,101	0,276	-0,005	0,012	0,175	FALSE
-0,075	0,293	-0,002	0,009	0,066	FALSE
0,012	0,289	0,000	0,013	0,013	FALSE
-0,071	0,286	-0,005	0,016	0,128	FALSE
0,144	0,287	0,005	0,010	0,207	FALSE
0,249	0,275	0,014	0,016	0,404	FALSE
0,121	0,286	0,007	0,016	0,194	FALSE
0,047	0,296	0,002	0,009	0,080	FALSE
-0,067	0,264	0,000	0,015	0,000	FALSE
-0,019	0,273	-0,001	0,009	0,033	FALSE
0,150	0,284	0,010	0,017	0,271	FALSE
-0,045	0,271	-0,005	0,016	0,118	FALSE
0,082	0,274	0,010	0,018	0,248	FALSE
0,100	0,272	0,003	0,010	0,116	FALSE
0,001	0,277	0,002	0,009	0,085	FALSE
0,167	0,277	0,008	0,012	0,325	FALSE
-0,035	0,288	0,000	0,009	0,018	FALSE
-0,192	0,279	-0,009	0,017	0,225	FALSE
-0,072	0,279	-0,004	0,016	0,089	FALSE
0,045	0,281	0,001	0,010	0,025	FALSE
0,013	0,277	0,002	0,009	0,063	FALSE
0,101	0,271	0,003	0,008	0,152	FALSE
0,158	0,284	0,007	0,015	0,192	FALSE
-0,192	0,276	-0,007	0,013	0,242	FALSE
0,341	0,262	0,015	0,013	0,580	FALSE
-0,188	0,290	-0,004	0,010	0,186	FALSE
0,001	0,272	0,001	0,009	0,032	FALSE
-0,037	0,294	-0,001	0,011	0,041	FALSE
0,017	0,276	0,001	0,013	0,026	FALSE
-0,038	0,278	-0,001	0,010	0,038	FALSE
0,039	0,283	0,001	0,010	0,019	FALSE
0,006	0,285	0,001	0,009	0,046	FALSE
-0,030	0,294	0,000	0,013	0,008	FALSE
-0,057	0,286	-0,003	0,016	0,078	FALSE
0,074	0,293	0,003	0,017	0,075	FALSE
0,109	0,267	0,004	0,013	0,127	FALSE
0,000	0,286	0,000	0,009	0,001	FALSE
0,021	0,290	0,001	0,012	0,029	FALSE
-0,008	0,283	0,001	0,018	0,022	FALSE
0,056	0,291	0,001	0,008	0,059	FALSE
0,238	0,257	0,006	0,009	0,285	FALSE
0,048	0,275	0,002	0,013	0,044	FALSE
-0,054	0,277	-0,004	0,014	0,124	FALSE
0,064	0,282	0,003	0,010	0,115	FALSE
-0,019	0,288	-0,001	0,017	0,021	FALSE
0,043	0,294	0,000	0,016	0,001	FALSE
-0,164	0,272	-0,008	0,013	0,254	FALSE
0,049	0,293	0,001	0,013	0,032	FALSE
-0,092	0,281	-0,005	0,016	0,121	FALSE
0,080	0,285	0,003	0,011	0,108	FALSE

-0,132	0,282	-0,004	0,012	0,137	FALSE
-0,130	0,285	-0,005	0,011	0,174	FALSE
-0,109	0,285	-0,003	0,014	0,096	FALSE
-0,081	0,291	-0,002	0,009	0,083	FALSE
0,044	0,256	0,001	0,008	0,025	FALSE
-0,001	0,287	0,000	0,016	0,009	FALSE
0,153	0,281	0,005	0,009	0,272	FALSE
0,026	0,276	0,001	0,012	0,040	FALSE
-0,061	0,282	-0,003	0,009	0,115	FALSE
0,202	0,272	0,008	0,013	0,269	FALSE
0,005	0,290	0,001	0,018	0,020	FALSE
-0,047	0,289	-0,002	0,013	0,055	FALSE
0,013	0,295	0,000	0,013	0,007	FALSE
0,114	0,280	0,004	0,008	0,180	FALSE
-0,046	0,288	-0,002	0,017	0,051	FALSE
-0,016	0,280	-0,001	0,011	0,030	FALSE
-0,041	0,282	-0,001	0,011	0,045	FALSE
-0,058	0,297	-0,002	0,011	0,064	FALSE
-0,059	0,295	-0,002	0,011	0,057	FALSE
0,157	0,285	0,006	0,014	0,165	FALSE
0,005	0,288	0,000	0,009	0,004	FALSE
0,153	0,286	0,005	0,010	0,186	FALSE
0,053	0,292	0,003	0,014	0,072	FALSE
0,012	0,277	0,002	0,017	0,036	FALSE
0,069	0,287	0,002	0,010	0,094	FALSE
0,069	0,272	0,001	0,016	0,014	FALSE
-0,048	0,278	-0,002	0,016	0,047	FALSE
-0,039	0,282	-0,001	0,014	0,036	FALSE
-0,030	0,288	-0,001	0,014	0,020	FALSE
-0,158	0,287	-0,004	0,012	0,144	FALSE
0,083	0,289	0,005	0,015	0,118	FALSE
0,099	0,288	0,006	0,014	0,169	FALSE
0,088	0,276	0,004	0,010	0,144	FALSE
0,072	0,287	0,003	0,013	0,090	FALSE
0,097	0,279	0,002	0,014	0,059	FALSE
-0,045	0,292	0,000	0,009	0,005	FALSE
-0,066	0,271	-0,005	0,015	0,131	FALSE
-0,197	0,266	-0,014	0,014	0,465	FALSE
0,047	0,271	0,001	0,010	0,048	FALSE
-0,025	0,280	0,000	0,011	0,005	FALSE
0,079	0,291	0,003	0,011	0,099	FALSE
0,129	0,279	0,006	0,011	0,259	FALSE
0,041	0,282	0,001	0,011	0,029	FALSE
0,104	0,275	0,005	0,018	0,099	FALSE
0,031	0,276	0,000	0,014	0,004	FALSE
0,153	0,269	0,007	0,014	0,226	FALSE
-0,006	0,280	0,000	0,012	0,005	FALSE
-0,153	0,284	-0,005	0,014	0,144	FALSE
-0,103	0,274	-0,002	0,010	0,073	FALSE
-0,036	0,284	-0,003	0,017	0,058	FALSE
0,162	0,278	0,007	0,013	0,209	FALSE
-0,023	0,283	-0,002	0,018	0,042	FALSE
0,057	0,283	0,001	0,016	0,023	FALSE

0,009	0,277	-0,001	0,018	0,014	FALSE
0,003	0,281	-0,001	0,017	0,023	FALSE
-0,134	0,275	-0,004	0,015	0,113	FALSE
-0,193	0,289	-0,007	0,012	0,237	FALSE
0,081	0,287	0,002	0,009	0,071	FALSE
0,073	0,279	0,002	0,011	0,068	FALSE
-0,079	0,287	-0,002	0,011	0,067	FALSE
0,038	0,289	0,001	0,016	0,030	FALSE
-0,117	0,288	-0,003	0,009	0,129	FALSE
0,102	0,292	0,002	0,010	0,089	FALSE
-0,071	0,291	-0,001	0,011	0,033	FALSE
0,027	0,267	0,001	0,011	0,025	FALSE
-0,124	0,278	-0,005	0,017	0,120	FALSE
0,111	0,283	0,007	0,017	0,171	FALSE
0,023	0,287	0,002	0,009	0,072	FALSE
-0,075	0,276	-0,002	0,010	0,091	FALSE
-0,034	0,295	-0,001	0,012	0,016	FALSE
0,114	0,279	0,005	0,015	0,147	FALSE
-0,004	0,291	0,001	0,009	0,023	FALSE
0,049	0,293	0,001	0,014	0,017	FALSE
-0,177	0,273	-0,006	0,013	0,197	FALSE
0,038	0,269	0,001	0,013	0,023	FALSE
-0,147	0,277	-0,006	0,015	0,155	FALSE
-0,061	0,284	-0,002	0,013	0,058	FALSE
0,152	0,271	0,009	0,016	0,261	FALSE
0,063	0,286	0,005	0,015	0,146	FALSE
-0,095	0,294	-0,005	0,015	0,130	FALSE
-0,005	0,294	-0,001	0,016	0,012	FALSE
-0,151	0,299	-0,005	0,011	0,189	FALSE
0,096	0,265	0,004	0,017	0,099	FALSE
0,100	0,284	0,005	0,016	0,114	FALSE
0,116	0,271	0,003	0,009	0,114	FALSE
0,110	0,298	0,003	0,010	0,118	FALSE
0,087	0,284	0,008	0,017	0,200	FALSE
0,035	0,286	0,003	0,016	0,076	FALSE
0,127	0,289	0,005	0,015	0,123	FALSE
0,023	0,286	0,003	0,011	0,105	FALSE
-0,078	0,283	-0,001	0,017	0,029	FALSE
0,064	0,290	0,004	0,014	0,123	FALSE
-0,091	0,289	-0,003	0,009	0,109	FALSE
0,016	0,291	0,002	0,016	0,046	FALSE
0,141	0,289	0,003	0,010	0,137	FALSE
-0,161	0,275	-0,009	0,016	0,249	FALSE
-0,145	0,275	-0,008	0,015	0,225	FALSE
0,005	0,266	-0,002	0,014	0,047	FALSE
0,125	0,286	0,005	0,011	0,210	FALSE
0,047	0,292	0,003	0,015	0,084	FALSE
-0,033	0,298	-0,003	0,018	0,067	FALSE
0,033	0,270	0,001	0,009	0,053	FALSE
0,064	0,280	0,004	0,015	0,108	FALSE
0,127	0,277	0,003	0,009	0,142	FALSE
-0,020	0,287	0,001	0,009	0,020	FALSE
0,099	0,289	0,003	0,009	0,130	FALSE

0,024	0,308	0,003	0,012	0,077	FALSE
-0,090	0,274	-0,005	0,015	0,144	FALSE
-0,041	0,297	-0,003	0,016	0,063	FALSE
0,081	0,287	0,000	0,016	0,000	FALSE
-0,025	0,300	0,000	0,010	0,003	FALSE
0,027	0,270	-0,001	0,014	0,021	FALSE
-0,043	0,286	-0,002	0,011	0,073	FALSE
-0,036	0,290	-0,001	0,011	0,021	FALSE
-0,078	0,290	-0,001	0,010	0,039	FALSE
-0,077	0,292	-0,001	0,011	0,027	FALSE
0,085	0,259	0,005	0,017	0,114	FALSE
-0,031	0,281	-0,002	0,009	0,097	FALSE
0,054	0,280	0,003	0,016	0,061	FALSE
0,069	0,286	0,005	0,016	0,120	FALSE
-0,076	0,291	-0,005	0,017	0,116	FALSE
0,072	0,274	0,002	0,015	0,046	FALSE
0,228	0,285	0,007	0,011	0,313	FALSE
0,042	0,294	0,002	0,009	0,067	FALSE
-0,099	0,289	-0,002	0,009	0,066	FALSE
-0,043	0,284	-0,001	0,009	0,032	FALSE
0,024	0,296	0,002	0,010	0,058	FALSE
-0,084	0,281	-0,004	0,012	0,120	FALSE
0,123	0,270	0,004	0,014	0,130	FALSE
0,020	0,286	0,000	0,011	0,012	FALSE
0,024	0,290	0,000	0,010	0,013	FALSE
0,058	0,288	0,002	0,015	0,051	FALSE
-0,187	0,267	-0,008	0,013	0,263	FALSE
0,013	0,277	-0,001	0,011	0,018	FALSE
0,046	0,285	0,001	0,017	0,014	FALSE
0,055	0,278	0,003	0,014	0,096	FALSE
0,059	0,299	0,002	0,014	0,048	FALSE
-0,113	0,277	-0,006	0,017	0,134	FALSE
-0,047	0,288	-0,001	0,010	0,044	FALSE
0,077	0,283	0,003	0,013	0,100	FALSE
0,083	0,279	0,004	0,012	0,134	FALSE
0,161	0,255	0,007	0,009	0,334	FALSE
-0,116	0,280	-0,007	0,013	0,217	FALSE
-0,140	0,270	-0,004	0,009	0,178	FALSE
-0,177	0,271	-0,009	0,012	0,329	FALSE
0,219	0,278	0,011	0,016	0,307	FALSE
0,217	0,280	0,012	0,018	0,288	FALSE
0,182	0,287	0,008	0,013	0,283	FALSE
-0,208	0,280	-0,007	0,010	0,290	FALSE
-0,073	0,261	-0,004	0,010	0,143	FALSE
0,029	0,292	0,001	0,012	0,041	FALSE
0,122	0,290	0,006	0,014	0,185	FALSE
-0,034	0,293	-0,003	0,013	0,077	FALSE
-0,122	0,274	-0,007	0,016	0,189	FALSE
-0,012	0,288	-0,002	0,013	0,068	FALSE
0,046	0,281	0,004	0,012	0,140	FALSE
-0,133	0,295	-0,008	0,017	0,195	FALSE
0,009	0,290	0,000	0,018	0,003	FALSE
0,032	0,300	0,003	0,011	0,086	FALSE

0,006	0,276	0,000	0,010	0,010	FALSE
-0,156	0,281	-0,004	0,010	0,188	FALSE
0,097	0,257	0,003	0,013	0,103	FALSE
0,009	0,295	0,000	0,015	0,007	FALSE
0,018	0,288	0,002	0,016	0,050	FALSE
0,044	0,287	0,001	0,014	0,026	FALSE
-0,006	0,291	0,000	0,014	0,011	FALSE
-0,150	0,267	-0,010	0,014	0,313	FALSE
-0,091	0,264	-0,003	0,012	0,087	FALSE
0,040	0,281	0,002	0,010	0,064	FALSE
-0,084	0,294	-0,003	0,010	0,124	FALSE
-0,060	0,283	-0,002	0,010	0,059	FALSE
0,153	0,285	0,008	0,015	0,218	FALSE
0,044	0,272	0,003	0,014	0,096	FALSE
-0,079	0,272	-0,005	0,015	0,126	FALSE
0,068	0,282	0,001	0,011	0,042	FALSE
0,237	0,267	0,006	0,008	0,366	FALSE
-0,117	0,282	-0,006	0,012	0,231	FALSE
-0,065	0,276	-0,002	0,010	0,069	FALSE
0,045	0,283	0,004	0,016	0,099	FALSE
0,024	0,274	0,002	0,013	0,049	FALSE
-0,046	0,296	-0,003	0,015	0,084	FALSE
0,033	0,289	0,001	0,009	0,021	FALSE
0,005	0,275	-0,001	0,015	0,018	FALSE
0,063	0,283	0,002	0,010	0,086	FALSE
0,103	0,266	0,004	0,015	0,107	FALSE
-0,022	0,294	0,000	0,011	0,012	FALSE
-0,200	0,283	-0,007	0,015	0,189	FALSE
-0,052	0,297	-0,001	0,012	0,034	FALSE
0,044	0,291	0,001	0,010	0,021	FALSE
-0,119	0,274	-0,002	0,009	0,094	FALSE
-0,141	0,283	-0,007	0,018	0,156	FALSE
0,130	0,279	0,006	0,018	0,130	FALSE
-0,131	0,293	-0,006	0,018	0,136	FALSE
-0,055	0,267	-0,001	0,017	0,016	FALSE
0,135	0,267	0,006	0,016	0,151	FALSE
-0,026	0,284	-0,004	0,017	0,083	FALSE
-0,006	0,290	-0,002	0,018	0,047	FALSE
-0,039	0,282	-0,005	0,017	0,101	FALSE
0,195	0,273	0,010	0,016	0,291	FALSE
-0,110	0,277	-0,004	0,010	0,158	FALSE
-0,115	0,281	-0,004	0,009	0,164	FALSE
-0,189	0,283	-0,008	0,014	0,245	FALSE
0,054	0,275	0,002	0,014	0,056	FALSE
0,096	0,285	0,003	0,016	0,078	FALSE
0,011	0,298	0,000	0,017	0,004	FALSE
0,089	0,283	0,001	0,010	0,054	FALSE
-0,084	0,300	-0,003	0,012	0,096	FALSE
0,141	0,283	0,003	0,010	0,135	FALSE
0,061	0,278	0,003	0,012	0,098	FALSE
0,015	0,296	0,001	0,013	0,032	FALSE
0,042	0,285	0,003	0,013	0,075	FALSE
0,050	0,281	0,003	0,012	0,087	FALSE

0,080	0,268	0,003	0,016	0,078	FALSE
-0,044	0,275	-0,002	0,012	0,076	FALSE
0,086	0,284	0,004	0,015	0,111	FALSE
0,035	0,294	0,003	0,017	0,059	FALSE
0,017	0,289	0,002	0,017	0,048	FALSE
-0,063	0,285	-0,004	0,017	0,078	FALSE
0,060	0,283	0,003	0,012	0,099	FALSE
0,078	0,287	0,003	0,011	0,115	FALSE
-0,101	0,279	-0,003	0,014	0,078	FALSE
-0,176	0,271	-0,009	0,013	0,306	FALSE
0,080	0,277	0,002	0,012	0,061	FALSE
-0,110	0,287	-0,004	0,009	0,193	FALSE
0,097	0,274	0,003	0,010	0,110	FALSE
0,063	0,284	0,003	0,013	0,092	FALSE
-0,114	0,287	-0,002	0,009	0,079	FALSE
0,063	0,293	0,003	0,012	0,079	FALSE
0,044	0,305	0,002	0,018	0,040	FALSE
-0,010	0,291	-0,002	0,012	0,056	FALSE
-0,081	0,286	-0,004	0,010	0,146	FALSE
0,055	0,273	0,002	0,011	0,077	FALSE
-0,084	0,268	-0,003	0,012	0,083	FALSE
0,022	0,286	0,000	0,012	0,009	FALSE
-0,012	0,284	-0,002	0,017	0,053	FALSE
-0,088	0,301	-0,004	0,012	0,138	FALSE
0,068	0,280	0,001	0,014	0,027	FALSE
-0,129	0,281	-0,006	0,013	0,207	FALSE
-0,075	0,292	-0,004	0,017	0,098	FALSE
0,049	0,281	0,003	0,016	0,079	FALSE
0,150	0,266	0,004	0,009	0,202	FALSE
-0,195	0,284	-0,007	0,012	0,275	FALSE
0,148	0,267	0,005	0,013	0,173	FALSE
-0,093	0,283	-0,003	0,012	0,105	FALSE
-0,103	0,274	-0,004	0,012	0,130	FALSE
0,015	0,292	0,001	0,011	0,031	FALSE
0,094	0,290	0,003	0,010	0,116	FALSE
-0,167	0,272	-0,006	0,009	0,280	FALSE
-0,018	0,288	-0,001	0,014	0,023	FALSE
0,072	0,297	0,003	0,010	0,143	FALSE
-0,103	0,290	-0,005	0,012	0,152	FALSE
0,220	0,277	0,009	0,013	0,314	FALSE
0,241	0,267	0,009	0,011	0,390	FALSE
-0,043	0,275	-0,001	0,009	0,061	FALSE
-0,017	0,286	0,002	0,016	0,040	FALSE
-0,192	0,279	-0,007	0,012	0,248	FALSE
0,067	0,274	0,006	0,016	0,135	FALSE
-0,058	0,284	-0,001	0,014	0,027	FALSE
-0,041	0,287	-0,003	0,009	0,114	FALSE
-0,020	0,286	0,000	0,013	0,008	FALSE
-0,051	0,276	-0,004	0,012	0,136	FALSE
0,023	0,269	0,002	0,012	0,047	FALSE
-0,023	0,288	0,000	0,017	0,006	FALSE
0,084	0,289	0,003	0,010	0,126	FALSE
0,043	0,284	0,000	0,010	0,002	FALSE

-0,049	0,273	-0,001	0,017	0,021	FALSE
0,080	0,271	0,003	0,017	0,054	FALSE
0,161	0,268	0,005	0,012	0,155	FALSE
-0,040	0,293	0,001	0,013	0,023	FALSE
0,117	0,286	0,006	0,017	0,129	FALSE
-0,188	0,282	-0,007	0,010	0,324	FALSE
-0,207	0,265	-0,008	0,010	0,358	FALSE
0,039	0,290	0,001	0,016	0,011	FALSE
-0,055	0,289	-0,002	0,017	0,038	FALSE
-0,050	0,273	-0,002	0,015	0,040	FALSE
0,021	0,277	0,001	0,015	0,033	FALSE
0,128	0,294	0,004	0,011	0,142	FALSE
0,175	0,271	0,005	0,010	0,181	FALSE
-0,090	0,276	-0,007	0,017	0,172	FALSE
0,038	0,269	0,002	0,016	0,042	FALSE
-0,243	0,267	-0,010	0,010	0,487	FALSE
0,078	0,275	0,004	0,012	0,151	FALSE
-0,083	0,294	-0,003	0,015	0,073	FALSE
-0,087	0,277	-0,002	0,013	0,058	FALSE
-0,025	0,285	0,000	0,014	0,009	FALSE
-0,199	0,269	-0,006	0,008	0,350	FALSE
0,163	0,267	0,005	0,009	0,223	FALSE
0,143	0,283	0,003	0,009	0,152	FALSE
-0,029	0,296	0,000	0,009	0,001	FALSE
-0,030	0,283	-0,002	0,016	0,049	FALSE
0,147	0,282	0,006	0,014	0,159	FALSE
0,054	0,289	0,003	0,009	0,115	FALSE
-0,080	0,269	-0,002	0,012	0,056	FALSE
-0,124	0,273	-0,004	0,011	0,129	FALSE
0,012	0,290	-0,001	0,013	0,024	FALSE
0,100	0,289	0,002	0,009	0,097	FALSE
0,034	0,280	0,001	0,009	0,028	FALSE
0,114	0,299	0,004	0,009	0,183	FALSE
0,088	0,280	0,004	0,010	0,150	FALSE
0,058	0,283	0,004	0,012	0,116	FALSE
0,108	0,290	0,004	0,011	0,135	FALSE
0,172	0,284	0,005	0,009	0,203	FALSE
0,067	0,291	0,003	0,014	0,094	FALSE
0,117	0,281	0,005	0,013	0,147	FALSE
-0,034	0,279	0,001	0,009	0,029	FALSE
0,173	0,271	0,005	0,009	0,270	FALSE
0,008	0,276	0,000	0,017	0,000	FALSE
-0,021	0,283	-0,001	0,017	0,024	FALSE
0,177	0,273	0,004	0,009	0,219	FALSE
-0,142	0,296	-0,003	0,010	0,129	FALSE
0,021	0,294	0,001	0,017	0,019	FALSE
-0,017	0,271	-0,001	0,011	0,025	FALSE
0,342	0,263	0,017	0,013	0,697	FALSE
0,002	0,286	0,001	0,011	0,035	FALSE
0,179	0,288	0,006	0,011	0,208	FALSE
0,171	0,286	0,005	0,012	0,182	FALSE
-0,114	0,263	-0,008	0,015	0,210	FALSE
0,051	0,278	0,002	0,013	0,054	FALSE

-0,132	0,286	-0,006	0,012	0,215	FALSE
0,024	0,295	-0,001	0,016	0,016	FALSE
-0,058	0,274	-0,003	0,013	0,088	FALSE
-0,084	0,292	-0,004	0,015	0,113	FALSE
-0,102	0,292	-0,003	0,009	0,117	FALSE
0,137	0,269	0,004	0,012	0,139	FALSE
0,050	0,266	0,002	0,015	0,051	FALSE
0,059	0,270	0,002	0,012	0,066	FALSE
-0,160	0,272	-0,005	0,013	0,146	FALSE
-0,041	0,267	-0,002	0,018	0,042	FALSE
-0,003	0,275	0,003	0,017	0,055	FALSE
-0,016	0,269	0,003	0,017	0,056	FALSE
0,036	0,275	0,005	0,016	0,108	FALSE
0,063	0,263	0,002	0,016	0,042	FALSE
0,014	0,297	0,000	0,014	0,012	FALSE
0,064	0,286	0,001	0,012	0,037	FALSE
0,068	0,290	0,003	0,014	0,072	FALSE
0,060	0,283	0,003	0,014	0,075	FALSE
0,055	0,295	0,003	0,014	0,079	FALSE
-0,043	0,288	-0,001	0,016	0,019	FALSE
-0,020	0,288	-0,005	0,018	0,099	FALSE
-0,075	0,271	-0,002	0,014	0,049	FALSE
0,046	0,270	0,005	0,016	0,116	FALSE
-0,140	0,276	-0,003	0,009	0,145	FALSE
0,090	0,265	0,003	0,009	0,135	FALSE
0,010	0,289	-0,002	0,012	0,048	FALSE
-0,125	0,293	-0,003	0,008	0,158	FALSE
0,163	0,273	0,006	0,010	0,257	FALSE
-0,073	0,276	-0,001	0,012	0,034	FALSE
-0,149	0,279	-0,005	0,011	0,181	FALSE
-0,090	0,295	-0,002	0,011	0,064	FALSE
0,322	0,260	0,010	0,011	0,478	FALSE
-0,187	0,275	-0,011	0,016	0,317	FALSE
-0,037	0,291	-0,003	0,017	0,066	FALSE
-0,074	0,289	-0,005	0,015	0,116	FALSE
0,077	0,274	0,001	0,014	0,026	FALSE
-0,032	0,280	-0,001	0,009	0,060	FALSE
-0,011	0,297	-0,001	0,016	0,028	FALSE
-0,097	0,288	-0,003	0,010	0,129	FALSE
0,026	0,302	0,002	0,014	0,042	FALSE
-0,233	0,275	-0,006	0,009	0,305	FALSE
0,023	0,296	0,001	0,011	0,034	FALSE
-0,030	0,276	-0,002	0,011	0,060	FALSE
0,023	0,299	0,000	0,010	0,005	FALSE
0,078	0,291	0,004	0,011	0,126	FALSE
0,007	0,289	0,000	0,010	0,018	FALSE
-0,023	0,279	0,000	0,016	0,004	FALSE
-0,129	0,300	-0,006	0,013	0,178	FALSE
-0,123	0,288	-0,005	0,014	0,149	FALSE
-0,186	0,290	-0,010	0,018	0,249	FALSE
0,080	0,286	0,003	0,011	0,130	FALSE
-0,104	0,277	-0,003	0,010	0,139	FALSE
-0,158	0,285	-0,003	0,009	0,155	FALSE

-0,122	0,303	-0,004	0,010	0,148	FALSE
0,017	0,299	0,000	0,013	0,010	FALSE
-0,102	0,299	-0,004	0,011	0,140	FALSE
-0,053	0,281	-0,003	0,013	0,101	FALSE
-0,074	0,285	-0,003	0,008	0,142	FALSE
0,049	0,286	0,001	0,016	0,025	FALSE
0,034	0,275	-0,001	0,009	0,034	FALSE
0,084	0,283	0,003	0,014	0,076	FALSE
0,011	0,292	0,001	0,015	0,025	FALSE
-0,067	0,277	-0,003	0,018	0,067	FALSE
-0,078	0,278	-0,006	0,017	0,131	FALSE
0,024	0,278	0,003	0,014	0,086	FALSE
0,085	0,284	0,003	0,012	0,078	FALSE
0,005	0,273	-0,001	0,009	0,035	FALSE
0,020	0,290	0,002	0,014	0,041	FALSE
0,062	0,278	0,003	0,014	0,079	FALSE
0,161	0,266	0,006	0,011	0,254	FALSE
0,088	0,285	0,004	0,012	0,117	FALSE
-0,200	0,281	-0,009	0,012	0,318	FALSE
0,003	0,280	0,000	0,013	0,004	FALSE
0,094	0,278	0,003	0,018	0,061	FALSE
0,241	0,282	0,016	0,017	0,452	FALSE
-0,086	0,289	-0,004	0,014	0,123	FALSE
0,023	0,280	0,003	0,013	0,079	FALSE
-0,011	0,296	-0,002	0,017	0,051	FALSE
0,007	0,293	-0,001	0,017	0,014	FALSE
0,016	0,279	0,002	0,014	0,048	FALSE
0,016	0,280	-0,001	0,014	0,024	FALSE
-0,022	0,283	0,000	0,011	0,002	FALSE
0,002	0,291	0,001	0,016	0,017	FALSE
-0,008	0,289	0,000	0,016	0,003	FALSE
-0,186	0,281	-0,014	0,018	0,356	TRUE
-0,167	0,281	-0,011	0,017	0,300	FALSE
0,032	0,273	0,002	0,010	0,080	FALSE
0,074	0,281	0,002	0,017	0,035	FALSE
0,102	0,273	0,003	0,010	0,113	FALSE
0,106	0,285	0,004	0,010	0,168	FALSE
-0,116	0,283	-0,004	0,016	0,101	FALSE
-0,078	0,288	-0,001	0,011	0,046	FALSE
0,046	0,283	0,000	0,009	0,017	FALSE
0,084	0,278	0,005	0,013	0,145	FALSE
0,044	0,286	0,002	0,014	0,062	FALSE
-0,152	0,272	-0,006	0,015	0,158	FALSE
-0,187	0,301	-0,006	0,010	0,230	FALSE
0,107	0,272	0,002	0,009	0,103	FALSE
0,105	0,280	0,003	0,009	0,113	FALSE
-0,062	0,287	-0,002	0,010	0,081	FALSE
0,092	0,283	0,004	0,014	0,105	FALSE
0,009	0,290	0,001	0,018	0,017	FALSE
-0,042	0,280	0,001	0,014	0,018	FALSE
-0,072	0,288	-0,002	0,013	0,067	FALSE
-0,111	0,285	-0,002	0,009	0,081	FALSE
0,030	0,281	0,003	0,016	0,077	FALSE

-0,283	0,260	-0,015	0,014	0,551	FALSE
0,229	0,272	0,012	0,017	0,305	FALSE
-0,258	0,267	-0,015	0,016	0,444	FALSE
-0,047	0,281	-0,001	0,013	0,033	FALSE
-0,064	0,291	-0,001	0,011	0,024	FALSE
-0,070	0,276	-0,002	0,013	0,060	FALSE
-0,002	0,269	-0,001	0,016	0,031	FALSE
0,117	0,283	0,004	0,009	0,188	FALSE
-0,005	0,291	0,000	0,016	0,005	FALSE
0,024	0,287	0,001	0,017	0,025	FALSE
-0,246	0,276	-0,009	0,011	0,392	FALSE
0,072	0,293	0,002	0,012	0,076	FALSE
-0,165	0,285	-0,010	0,017	0,243	FALSE
-0,145	0,287	-0,009	0,017	0,238	FALSE
0,167	0,277	0,004	0,009	0,176	FALSE
-0,032	0,287	0,002	0,017	0,044	FALSE
0,118	0,279	0,002	0,010	0,082	FALSE
0,152	0,284	0,005	0,013	0,176	FALSE
-0,085	0,297	-0,001	0,017	0,019	FALSE
-0,013	0,288	-0,004	0,017	0,086	FALSE
-0,055	0,289	-0,001	0,017	0,014	FALSE
-0,028	0,299	-0,005	0,017	0,114	FALSE
0,251	0,281	0,010	0,011	0,399	FALSE
0,063	0,279	0,003	0,017	0,073	FALSE
0,092	0,273	0,003	0,011	0,112	FALSE
0,112	0,289	0,005	0,015	0,117	FALSE
0,006	0,301	0,000	0,017	0,003	FALSE
0,130	0,289	0,006	0,015	0,155	FALSE
-0,183	0,278	-0,006	0,010	0,274	FALSE
-0,022	0,285	-0,001	0,014	0,036	FALSE
-0,256	0,284	-0,009	0,011	0,418	FALSE
0,161	0,296	0,010	0,016	0,263	FALSE
-0,105	0,282	-0,006	0,016	0,145	FALSE
0,001	0,294	0,000	0,009	0,008	FALSE
0,255	0,277	0,014	0,017	0,365	FALSE
0,165	0,282	0,009	0,015	0,248	FALSE
-0,085	0,286	-0,001	0,011	0,046	FALSE
0,092	0,278	0,003	0,011	0,090	FALSE
-0,218	0,279	-0,006	0,010	0,256	FALSE
0,179	0,288	0,004	0,011	0,149	FALSE
-0,135	0,275	-0,005	0,012	0,158	FALSE
0,150	0,276	0,004	0,008	0,185	FALSE
0,013	0,287	-0,001	0,011	0,038	FALSE
0,152	0,274	0,005	0,016	0,138	FALSE
0,091	0,298	0,004	0,013	0,109	FALSE
0,038	0,274	-0,001	0,017	0,029	FALSE
-0,050	0,290	-0,002	0,014	0,049	FALSE
-0,057	0,280	-0,004	0,012	0,120	FALSE
0,115	0,274	0,003	0,009	0,148	FALSE
0,089	0,272	0,004	0,013	0,114	FALSE
0,122	0,267	0,005	0,017	0,119	FALSE
-0,020	0,278	0,000	0,016	0,006	FALSE
0,002	0,281	0,001	0,010	0,053	FALSE

0,032	0,280	0,003	0,009	0,120	FALSE
0,045	0,274	0,003	0,015	0,072	FALSE
-0,058	0,281	-0,001	0,011	0,035	FALSE
0,055	0,286	0,002	0,010	0,088	FALSE
0,088	0,276	0,001	0,009	0,052	FALSE
-0,187	0,301	-0,006	0,009	0,271	FALSE
-0,183	0,291	-0,005	0,009	0,268	FALSE
0,018	0,287	-0,001	0,018	0,011	FALSE
0,050	0,290	0,003	0,017	0,064	FALSE
-0,026	0,303	-0,003	0,013	0,081	FALSE
-0,061	0,272	-0,003	0,011	0,091	FALSE
0,039	0,282	0,002	0,014	0,042	FALSE
-0,053	0,291	0,000	0,009	0,002	FALSE
-0,135	0,284	-0,005	0,013	0,170	FALSE
-0,210	0,279	-0,009	0,014	0,297	FALSE
0,070	0,263	0,000	0,009	0,010	FALSE
0,077	0,286	0,001	0,009	0,036	FALSE
0,227	0,263	0,014	0,017	0,409	FALSE
0,009	0,268	-0,001	0,010	0,050	FALSE
0,023	0,274	0,000	0,010	0,000	FALSE
-0,031	0,294	-0,001	0,011	0,020	FALSE
0,067	0,275	0,001	0,009	0,029	FALSE
0,017	0,284	0,001	0,010	0,035	FALSE
-0,015	0,289	0,000	0,011	0,012	FALSE
0,018	0,284	0,001	0,009	0,054	FALSE
-0,132	0,280	-0,003	0,011	0,116	FALSE
0,047	0,272	0,003	0,015	0,064	FALSE
0,028	0,297	0,001	0,015	0,023	FALSE
-0,078	0,265	-0,003	0,012	0,095	FALSE
0,100	0,277	0,006	0,016	0,140	FALSE
0,035	0,282	0,002	0,014	0,060	FALSE
0,126	0,274	0,002	0,008	0,087	FALSE
-0,103	0,278	-0,003	0,011	0,092	FALSE
0,056	0,291	0,004	0,014	0,115	FALSE
-0,193	0,283	-0,006	0,010	0,268	FALSE
-0,225	0,279	-0,007	0,010	0,328	FALSE
-0,072	0,303	-0,002	0,017	0,051	FALSE
-0,163	0,289	-0,005	0,011	0,187	FALSE
-0,019	0,284	-0,002	0,009	0,062	FALSE
0,024	0,288	0,002	0,014	0,053	FALSE
-0,055	0,281	-0,002	0,009	0,085	FALSE
-0,134	0,282	-0,004	0,012	0,134	FALSE
0,053	0,290	0,003	0,012	0,083	FALSE
-0,036	0,290	0,000	0,009	0,011	FALSE
0,122	0,276	0,006	0,013	0,187	FALSE
-0,194	0,279	-0,005	0,010	0,224	FALSE
-0,249	0,258	-0,014	0,017	0,374	FALSE
-0,242	0,270	-0,014	0,017	0,360	FALSE
0,073	0,296	0,002	0,012	0,055	FALSE
0,077	0,264	0,000	0,008	0,012	FALSE
-0,168	0,279	-0,003	0,009	0,147	FALSE
0,006	0,306	0,000	0,018	0,000	FALSE
0,029	0,272	0,004	0,017	0,085	FALSE

-0,089	0,282	-0,004	0,017	0,086	FALSE
-0,041	0,297	-0,001	0,012	0,043	FALSE
0,050	0,273	0,001	0,008	0,030	FALSE
-0,026	0,283	-0,001	0,013	0,027	FALSE
0,072	0,290	0,004	0,012	0,137	FALSE
-0,144	0,289	-0,003	0,009	0,147	FALSE
-0,063	0,281	-0,001	0,011	0,042	FALSE
-0,021	0,278	-0,001	0,013	0,029	FALSE
0,004	0,287	0,000	0,014	0,001	FALSE
0,067	0,282	0,003	0,012	0,093	FALSE
-0,208	0,272	-0,008	0,011	0,303	FALSE
-0,074	0,287	-0,003	0,012	0,080	FALSE
0,127	0,287	0,004	0,011	0,159	FALSE
0,139	0,284	0,006	0,012	0,229	FALSE
-0,156	0,281	-0,007	0,013	0,239	FALSE
0,093	0,279	0,002	0,009	0,081	FALSE
0,097	0,284	0,002	0,010	0,081	FALSE
0,101	0,287	0,004	0,015	0,110	FALSE
-0,011	0,283	-0,001	0,017	0,030	FALSE
-0,107	0,275	-0,003	0,009	0,144	FALSE
-0,092	0,287	-0,004	0,012	0,141	FALSE
-0,163	0,279	-0,004	0,009	0,180	FALSE
0,029	0,286	0,001	0,010	0,045	FALSE
-0,150	0,284	-0,005	0,009	0,211	FALSE
-0,082	0,284	-0,003	0,011	0,101	FALSE
0,091	0,276	0,003	0,009	0,148	FALSE
-0,025	0,285	-0,001	0,011	0,033	FALSE
-0,006	0,296	0,000	0,016	0,009	FALSE
0,107	0,286	0,002	0,009	0,110	FALSE
0,014	0,279	0,001	0,012	0,034	FALSE
0,106	0,287	0,004	0,015	0,104	FALSE
0,021	0,279	0,000	0,013	0,013	FALSE
0,075	0,269	0,003	0,014	0,093	FALSE
0,064	0,279	0,002	0,014	0,062	FALSE
-0,001	0,280	0,000	0,009	0,005	FALSE
-0,090	0,288	-0,003	0,015	0,079	FALSE
0,048	0,290	0,001	0,013	0,029	FALSE
-0,097	0,281	-0,002	0,010	0,059	FALSE
0,205	0,271	0,007	0,011	0,274	FALSE
-0,010	0,269	0,001	0,012	0,042	FALSE
-0,127	0,285	-0,005	0,010	0,198	FALSE
-0,153	0,280	-0,006	0,011	0,252	FALSE
0,070	0,275	0,002	0,011	0,057	FALSE
-0,064	0,284	-0,005	0,017	0,118	FALSE
0,065	0,281	0,004	0,010	0,168	FALSE
0,065	0,267	0,000	0,016	0,003	FALSE
-0,015	0,289	-0,003	0,012	0,077	FALSE
0,006	0,282	0,001	0,010	0,044	FALSE
-0,014	0,273	-0,001	0,010	0,023	FALSE
-0,184	0,282	-0,007	0,012	0,254	FALSE
-0,030	0,278	0,000	0,010	0,003	FALSE
0,025	0,270	0,000	0,008	0,012	FALSE
0,003	0,284	0,001	0,013	0,022	FALSE

-0,178	0,277	-0,010	0,015	0,274	FALSE
0,052	0,296	0,003	0,011	0,103	FALSE
-0,068	0,290	-0,002	0,017	0,033	FALSE
0,070	0,286	0,002	0,012	0,067	FALSE
0,020	0,272	0,000	0,009	0,018	FALSE
-0,056	0,281	0,000	0,015	0,003	FALSE
-0,044	0,279	0,002	0,015	0,042	FALSE
-0,071	0,277	-0,001	0,015	0,012	FALSE
-0,095	0,284	-0,002	0,011	0,066	FALSE
-0,090	0,296	-0,007	0,018	0,151	FALSE
0,148	0,276	0,008	0,014	0,236	FALSE
-0,042	0,297	-0,002	0,009	0,060	FALSE
-0,024	0,290	0,000	0,011	0,010	FALSE
-0,069	0,282	-0,005	0,015	0,126	FALSE
0,035	0,289	0,001	0,010	0,044	FALSE
-0,288	0,261	-0,012	0,013	0,437	FALSE
0,028	0,275	0,000	0,011	0,010	FALSE
0,134	0,268	0,006	0,013	0,189	FALSE
-0,083	0,274	-0,007	0,016	0,170	FALSE
0,096	0,271	0,004	0,012	0,121	FALSE
0,137	0,275	0,005	0,009	0,217	FALSE
-0,028	0,277	-0,001	0,011	0,046	FALSE
-0,011	0,277	0,000	0,011	0,014	FALSE
0,038	0,278	0,001	0,013	0,031	FALSE
0,062	0,294	0,002	0,017	0,050	FALSE
0,022	0,280	0,002	0,016	0,038	FALSE
-0,053	0,282	-0,003	0,014	0,086	FALSE
-0,048	0,289	-0,003	0,014	0,076	FALSE
-0,040	0,269	-0,001	0,012	0,022	FALSE
-0,015	0,284	-0,002	0,014	0,038	FALSE
0,062	0,296	0,003	0,013	0,076	FALSE
0,038	0,289	0,000	0,017	0,006	FALSE
0,035	0,292	0,002	0,009	0,075	FALSE
0,081	0,267	0,005	0,010	0,198	FALSE
0,105	0,285	0,005	0,014	0,123	FALSE
-0,053	0,281	-0,004	0,016	0,101	FALSE
-0,086	0,278	-0,005	0,017	0,129	FALSE
-0,061	0,288	-0,003	0,014	0,090	FALSE
0,084	0,290	0,004	0,018	0,095	FALSE
0,134	0,285	0,008	0,017	0,182	FALSE
0,025	0,289	0,001	0,010	0,030	FALSE
-0,130	0,276	-0,005	0,015	0,137	FALSE
0,106	0,298	0,004	0,011	0,161	FALSE
0,089	0,271	0,003	0,011	0,097	FALSE
0,056	0,289	0,001	0,012	0,039	FALSE
0,030	0,287	0,001	0,015	0,035	FALSE
-0,031	0,288	-0,003	0,012	0,083	FALSE
-0,014	0,292	-0,002	0,018	0,047	FALSE
0,004	0,282	0,000	0,010	0,002	FALSE
0,084	0,296	0,004	0,017	0,100	FALSE
-0,063	0,292	-0,005	0,018	0,108	FALSE
-0,040	0,286	-0,001	0,010	0,033	FALSE
-0,030	0,274	-0,002	0,016	0,044	FALSE

0,089	0,277	0,004	0,018	0,084	FALSE
-0,070	0,292	-0,001	0,011	0,032	FALSE
-0,025	0,275	-0,004	0,016	0,086	FALSE
-0,126	0,282	-0,008	0,017	0,195	FALSE
0,033	0,281	0,001	0,010	0,039	FALSE
0,062	0,289	0,002	0,010	0,071	FALSE
-0,044	0,271	0,001	0,012	0,027	FALSE
0,005	0,278	-0,001	0,009	0,023	FALSE
0,010	0,282	0,001	0,009	0,022	FALSE
-0,130	0,274	-0,004	0,014	0,112	FALSE
0,074	0,290	0,002	0,010	0,079	FALSE
0,042	0,284	0,001	0,009	0,037	FALSE
-0,195	0,272	-0,008	0,013	0,248	FALSE
-0,044	0,286	-0,001	0,009	0,037	FALSE
0,153	0,267	0,005	0,010	0,234	FALSE
0,076	0,277	0,001	0,008	0,063	FALSE
-0,076	0,290	-0,001	0,010	0,025	FALSE
-0,088	0,299	-0,001	0,012	0,025	FALSE
-0,118	0,292	-0,007	0,015	0,191	FALSE
0,054	0,279	0,000	0,016	0,011	FALSE
-0,049	0,291	-0,003	0,015	0,068	FALSE
0,161	0,276	0,005	0,009	0,275	FALSE
0,022	0,288	0,002	0,008	0,095	FALSE
0,202	0,288	0,009	0,016	0,229	FALSE
0,133	0,289	0,005	0,013	0,160	FALSE
-0,087	0,283	-0,005	0,016	0,110	FALSE
-0,023	0,285	-0,003	0,013	0,089	FALSE
0,082	0,270	0,006	0,013	0,187	FALSE
0,038	0,270	0,002	0,010	0,062	FALSE
0,060	0,267	0,004	0,012	0,129	FALSE
-0,175	0,282	-0,010	0,015	0,312	FALSE
0,183	0,268	0,006	0,012	0,220	FALSE
-0,038	0,273	-0,004	0,014	0,096	FALSE
-0,071	0,291	-0,004	0,013	0,117	FALSE
0,045	0,277	0,004	0,012	0,120	FALSE
0,042	0,307	0,002	0,015	0,061	FALSE
0,024	0,291	0,003	0,012	0,081	FALSE
-0,181	0,262	-0,007	0,011	0,296	FALSE
-0,170	0,277	-0,008	0,013	0,282	FALSE
0,007	0,262	0,000	0,014	0,001	FALSE
-0,016	0,278	-0,003	0,010	0,108	FALSE
0,076	0,277	0,002	0,010	0,073	FALSE
-0,100	0,290	-0,006	0,016	0,146	FALSE
0,107	0,269	0,005	0,015	0,134	FALSE
0,003	0,283	-0,001	0,011	0,033	FALSE
-0,042	0,275	-0,002	0,016	0,058	FALSE
-0,045	0,288	-0,002	0,010	0,076	FALSE
-0,187	0,284	-0,010	0,017	0,260	FALSE
0,008	0,286	0,002	0,017	0,032	FALSE
0,077	0,279	0,001	0,008	0,028	FALSE
0,092	0,280	0,001	0,008	0,061	FALSE
-0,017	0,290	-0,002	0,011	0,073	FALSE
-0,136	0,299	-0,004	0,009	0,171	FALSE

0,021	0,265	-0,002	0,017	0,041	FALSE
0,063	0,285	0,001	0,009	0,044	FALSE
0,056	0,289	0,003	0,017	0,064	FALSE
0,054	0,274	0,003	0,016	0,061	FALSE
0,058	0,287	0,003	0,017	0,070	FALSE
0,238	0,281	0,012	0,018	0,309	FALSE
0,068	0,271	0,001	0,012	0,019	FALSE
-0,115	0,280	-0,006	0,017	0,131	FALSE
0,016	0,274	0,001	0,013	0,015	FALSE
0,049	0,274	0,002	0,015	0,059	FALSE
-0,015	0,280	-0,004	0,014	0,101	FALSE
0,007	0,270	-0,001	0,012	0,017	FALSE
-0,042	0,294	0,000	0,011	0,009	FALSE
0,158	0,273	0,007	0,016	0,172	FALSE
0,060	0,280	0,001	0,016	0,018	FALSE
-0,060	0,295	-0,002	0,015	0,063	FALSE
0,088	0,281	0,002	0,010	0,068	FALSE
0,100	0,282	0,003	0,012	0,113	FALSE
-0,195	0,283	-0,009	0,018	0,205	FALSE
0,018	0,297	0,001	0,013	0,042	FALSE
0,013	0,295	0,000	0,010	0,008	FALSE
0,108	0,281	0,003	0,010	0,128	FALSE
-0,028	0,299	-0,001	0,016	0,031	FALSE
-0,105	0,277	-0,006	0,013	0,188	FALSE
-0,045	0,289	-0,001	0,011	0,042	FALSE
-0,018	0,286	0,000	0,013	0,002	FALSE
0,098	0,279	0,005	0,011	0,170	FALSE
0,238	0,259	0,013	0,015	0,398	FALSE
-0,063	0,292	-0,002	0,014	0,041	FALSE
0,161	0,267	0,008	0,016	0,193	FALSE
0,218	0,277	0,008	0,011	0,359	FALSE
0,144	0,277	0,004	0,009	0,186	FALSE
-0,150	0,264	-0,008	0,018	0,182	FALSE
0,244	0,264	0,005	0,010	0,249	FALSE
0,139	0,268	0,008	0,013	0,276	FALSE
0,025	0,284	-0,002	0,016	0,037	FALSE
-0,063	0,275	-0,001	0,008	0,051	FALSE
-0,050	0,275	0,000	0,012	0,014	FALSE
-0,157	0,280	-0,004	0,010	0,181	FALSE
0,027	0,262	0,001	0,015	0,020	FALSE
0,110	0,288	0,003	0,010	0,098	FALSE
0,010	0,282	-0,001	0,009	0,030	FALSE
-0,086	0,276	-0,002	0,011	0,081	FALSE
0,097	0,283	0,005	0,017	0,127	FALSE
0,099	0,266	0,005	0,017	0,113	FALSE
0,072	0,269	0,001	0,010	0,044	FALSE
-0,034	0,299	-0,001	0,009	0,024	FALSE
0,054	0,298	0,002	0,011	0,081	FALSE
-0,160	0,293	-0,006	0,013	0,207	FALSE
0,133	0,283	0,004	0,011	0,146	FALSE
0,006	0,293	0,000	0,015	0,003	FALSE
-0,048	0,291	-0,002	0,013	0,046	FALSE
0,023	0,272	0,001	0,013	0,031	FALSE

-0,061	0,283	-0,003	0,016	0,061	FALSE
0,060	0,295	0,002	0,011	0,062	FALSE
0,096	0,281	0,005	0,011	0,179	FALSE
-0,005	0,281	0,000	0,011	0,006	FALSE
0,033	0,272	0,002	0,016	0,037	FALSE
-0,037	0,278	0,000	0,015	0,005	FALSE
0,029	0,276	0,000	0,009	0,013	FALSE
-0,028	0,266	0,000	0,016	0,004	FALSE
0,026	0,274	0,000	0,008	0,001	FALSE
-0,008	0,259	0,001	0,016	0,014	FALSE
-0,017	0,274	0,000	0,017	0,005	FALSE
0,083	0,286	0,001	0,008	0,066	FALSE
0,008	0,272	0,000	0,008	0,014	FALSE
-0,011	0,269	0,001	0,017	0,025	FALSE
-0,123	0,269	-0,009	0,015	0,243	FALSE
-0,038	0,275	-0,003	0,011	0,117	FALSE
0,050	0,281	0,001	0,016	0,030	FALSE
0,131	0,269	0,006	0,015	0,169	FALSE
0,050	0,286	0,001	0,017	0,011	FALSE
-0,158	0,270	-0,006	0,009	0,293	FALSE
-0,009	0,272	-0,001	0,011	0,024	FALSE
0,235	0,274	0,008	0,010	0,398	FALSE
-0,036	0,290	-0,002	0,013	0,068	FALSE
0,046	0,293	0,003	0,016	0,062	FALSE
0,024	0,295	0,001	0,009	0,033	FALSE
-0,022	0,270	0,001	0,016	0,020	FALSE
-0,075	0,276	-0,001	0,012	0,040	FALSE
-0,003	0,277	-0,002	0,015	0,037	FALSE
-0,032	0,254	-0,003	0,016	0,072	FALSE
-0,013	0,285	-0,002	0,016	0,041	FALSE
-0,164	0,282	-0,006	0,013	0,189	FALSE
-0,001	0,265	0,000	0,018	0,005	FALSE
-0,079	0,283	-0,002	0,012	0,060	FALSE
-0,013	0,283	-0,002	0,014	0,056	FALSE
-0,160	0,285	-0,009	0,014	0,278	FALSE
0,063	0,285	0,001	0,011	0,049	FALSE
0,014	0,286	0,000	0,010	0,015	FALSE
-0,126	0,258	-0,008	0,014	0,269	FALSE
-0,023	0,281	0,000	0,015	0,009	FALSE
0,049	0,244	0,002	0,011	0,069	FALSE
-0,001	0,287	-0,001	0,015	0,030	FALSE
0,011	0,288	0,002	0,014	0,052	FALSE
-0,019	0,294	0,000	0,015	0,004	FALSE
0,077	0,287	0,003	0,010	0,125	FALSE
0,083	0,284	0,002	0,009	0,079	FALSE
-0,044	0,290	-0,004	0,016	0,100	FALSE
0,046	0,278	0,002	0,018	0,031	FALSE
0,025	0,272	-0,001	0,016	0,013	FALSE
0,046	0,271	0,001	0,017	0,016	FALSE
0,124	0,284	0,005	0,010	0,187	FALSE
-0,049	0,286	-0,001	0,008	0,028	FALSE
-0,205	0,284	-0,010	0,015	0,318	FALSE
-0,003	0,274	0,000	0,017	0,009	FALSE

-0,099	0,286	-0,006	0,016	0,146	FALSE
0,121	0,286	0,002	0,009	0,091	FALSE
-0,035	0,266	-0,002	0,014	0,056	FALSE
0,028	0,271	0,001	0,011	0,046	FALSE
-0,011	0,302	-0,001	0,017	0,026	FALSE
-0,059	0,291	-0,002	0,012	0,059	FALSE
0,021	0,286	-0,001	0,012	0,043	FALSE
-0,035	0,289	0,001	0,017	0,024	FALSE
-0,209	0,272	-0,006	0,008	0,303	FALSE
0,140	0,281	0,006	0,014	0,167	FALSE
0,012	0,284	0,000	0,010	0,010	FALSE
-0,098	0,298	-0,006	0,017	0,128	FALSE
0,089	0,266	0,003	0,014	0,075	FALSE
0,091	0,269	0,003	0,012	0,099	FALSE
-0,174	0,285	-0,009	0,017	0,222	FALSE
-0,052	0,280	-0,001	0,009	0,025	FALSE
-0,150	0,275	-0,004	0,010	0,156	FALSE
-0,184	0,279	-0,009	0,016	0,239	FALSE
-0,098	0,286	-0,002	0,013	0,066	FALSE
0,009	0,289	0,001	0,012	0,041	FALSE
-0,135	0,275	-0,005	0,012	0,187	FALSE
-0,037	0,294	-0,003	0,014	0,093	FALSE
0,030	0,279	0,002	0,012	0,050	FALSE
0,000	0,287	-0,001	0,009	0,049	FALSE
0,119	0,297	0,006	0,012	0,214	FALSE
0,034	0,277	0,000	0,010	0,009	FALSE
-0,082	0,282	-0,003	0,016	0,080	FALSE
0,129	0,287	0,003	0,009	0,120	FALSE
0,171	0,266	0,005	0,011	0,173	FALSE
-0,140	0,295	-0,004	0,011	0,143	FALSE
-0,129	0,295	-0,003	0,010	0,128	FALSE
0,004	0,279	0,002	0,010	0,063	FALSE
0,144	0,298	0,004	0,011	0,158	FALSE
0,138	0,288	0,005	0,012	0,154	FALSE
0,033	0,298	0,002	0,010	0,072	FALSE
-0,069	0,290	-0,003	0,017	0,067	FALSE
-0,098	0,280	-0,004	0,018	0,096	FALSE
-0,069	0,293	-0,001	0,010	0,056	FALSE
0,045	0,284	0,001	0,013	0,036	FALSE
0,056	0,276	0,002	0,014	0,047	TRUE
-0,108	0,282	-0,005	0,017	0,116	FALSE
-0,101	0,298	-0,004	0,014	0,100	FALSE
0,084	0,278	0,002	0,017	0,048	FALSE
-0,015	0,285	0,000	0,012	0,004	FALSE
0,095	0,289	0,005	0,010	0,224	FALSE
0,219	0,272	0,005	0,010	0,223	FALSE
-0,096	0,297	-0,003	0,014	0,076	FALSE
0,022	0,278	0,001	0,012	0,016	FALSE
-0,074	0,295	-0,002	0,013	0,048	FALSE
0,096	0,289	0,005	0,014	0,129	FALSE
-0,136	0,279	-0,006	0,015	0,160	FALSE
-0,203	0,279	-0,010	0,012	0,394	FALSE
0,066	0,294	0,003	0,012	0,099	FALSE

0,042	0,287	0,002	0,011	0,065	FALSE
-0,088	0,283	-0,002	0,016	0,049	FALSE
0,051	0,285	0,001	0,010	0,038	FALSE
0,055	0,287	0,001	0,010	0,052	FALSE
0,066	0,300	0,003	0,018	0,066	FALSE
-0,001	0,289	0,000	0,012	0,009	FALSE
-0,105	0,271	-0,004	0,014	0,110	FALSE
0,248	0,262	0,008	0,012	0,277	FALSE
0,173	0,264	0,006	0,011	0,202	FALSE
-0,013	0,278	-0,001	0,013	0,033	FALSE
0,115	0,288	0,004	0,013	0,118	FALSE
0,136	0,279	0,008	0,016	0,211	FALSE
-0,004	0,286	0,000	0,011	0,013	FALSE
-0,162	0,279	-0,008	0,015	0,217	FALSE
0,074	0,282	0,002	0,014	0,056	FALSE
-0,101	0,287	-0,005	0,013	0,172	FALSE
-0,157	0,274	-0,004	0,009	0,168	FALSE
0,086	0,283	0,003	0,017	0,057	FALSE
0,004	0,286	0,000	0,010	0,006	FALSE
-0,065	0,292	-0,004	0,012	0,118	FALSE
-0,121	0,294	-0,004	0,012	0,141	FALSE
-0,112	0,266	-0,011	0,018	0,262	FALSE
-0,144	0,291	-0,005	0,014	0,152	FALSE
-0,080	0,292	-0,004	0,016	0,087	FALSE
0,135	0,272	0,004	0,013	0,123	FALSE
-0,049	0,281	-0,002	0,015	0,055	FALSE
-0,006	0,291	0,000	0,011	0,014	FALSE
0,040	0,280	0,001	0,015	0,023	FALSE
-0,189	0,292	-0,005	0,010	0,224	FALSE
-0,065	0,296	0,000	0,010	0,004	FALSE
0,006	0,284	0,001	0,016	0,034	FALSE
-0,031	0,286	-0,002	0,010	0,076	FALSE
0,342	0,248	0,022	0,018	0,620	FALSE
0,056	0,291	0,003	0,017	0,077	FALSE
0,149	0,288	0,004	0,009	0,198	FALSE
0,121	0,276	0,004	0,013	0,122	FALSE
0,061	0,280	0,001	0,009	0,035	FALSE
0,240	0,262	0,006	0,009	0,282	FALSE
-0,024	0,289	0,001	0,011	0,021	FALSE
-0,218	0,276	-0,011	0,013	0,393	FALSE
0,313	0,274	0,015	0,016	0,450	FALSE
-0,161	0,284	-0,007	0,013	0,224	FALSE
0,089	0,271	0,003	0,010	0,109	FALSE
-0,133	0,282	-0,003	0,010	0,100	FALSE
0,043	0,298	0,003	0,015	0,080	FALSE
-0,052	0,272	-0,001	0,017	0,016	FALSE
0,058	0,279	0,004	0,015	0,109	FALSE
-0,022	0,295	-0,001	0,010	0,036	FALSE
-0,114	0,285	-0,003	0,009	0,158	FALSE
-0,124	0,288	-0,006	0,017	0,151	FALSE
-0,230	0,266	-0,011	0,018	0,266	FALSE
-0,116	0,287	-0,003	0,012	0,100	FALSE
0,092	0,285	0,003	0,017	0,061	FALSE

-0,081	0,277	-0,003	0,010	0,142	FALSE
0,020	0,280	0,000	0,009	0,001	FALSE
-0,081	0,270	-0,002	0,008	0,084	FALSE
-0,024	0,288	-0,001	0,009	0,035	FALSE
-0,159	0,273	-0,009	0,014	0,278	FALSE
-0,236	0,255	-0,011	0,012	0,429	FALSE
-0,180	0,272	-0,009	0,014	0,264	FALSE
-0,076	0,282	-0,005	0,017	0,118	FALSE
-0,052	0,289	-0,005	0,017	0,102	FALSE
-0,191	0,272	-0,009	0,013	0,323	FALSE
0,059	0,274	0,002	0,015	0,050	FALSE
-0,021	0,291	0,001	0,017	0,012	FALSE
-0,022	0,295	0,000	0,011	0,003	FALSE
-0,192	0,266	-0,010	0,016	0,264	FALSE
-0,026	0,271	-0,001	0,016	0,031	FALSE
-0,052	0,288	-0,002	0,013	0,059	FALSE
0,033	0,282	0,001	0,017	0,013	FALSE
0,050	0,309	0,003	0,012	0,082	FALSE
-0,052	0,281	-0,004	0,015	0,107	FALSE
0,064	0,289	0,003	0,011	0,111	FALSE
0,226	0,269	0,005	0,009	0,231	FALSE
0,037	0,275	0,003	0,011	0,109	FALSE
0,096	0,294	0,007	0,016	0,189	FALSE
0,088	0,279	0,003	0,013	0,074	FALSE
-0,140	0,292	-0,008	0,017	0,194	FALSE
0,004	0,276	0,000	0,016	0,010	FALSE
0,128	0,287	0,006	0,016	0,142	FALSE
0,150	0,293	0,007	0,017	0,170	FALSE
0,014	0,296	0,002	0,012	0,054	FALSE
0,006	0,294	0,000	0,009	0,017	FALSE
0,126	0,281	0,005	0,012	0,181	FALSE
0,148	0,282	0,006	0,016	0,164	FALSE
-0,040	0,301	-0,005	0,017	0,100	FALSE
-0,187	0,277	-0,007	0,013	0,232	FALSE
0,154	0,280	0,012	0,017	0,310	FALSE
0,019	0,280	0,001	0,012	0,045	FALSE
0,099	0,282	0,009	0,017	0,207	FALSE
0,098	0,285	0,008	0,017	0,188	FALSE
-0,151	0,265	-0,010	0,016	0,263	FALSE
0,169	0,284	0,007	0,012	0,260	FALSE
0,168	0,271	0,004	0,009	0,177	FALSE
0,036	0,280	-0,001	0,016	0,029	FALSE
-0,192	0,281	-0,010	0,016	0,265	FALSE
-0,115	0,277	-0,005	0,011	0,186	FALSE
0,076	0,279	0,003	0,009	0,110	FALSE
0,204	0,273	0,013	0,019	0,311	FALSE
0,075	0,271	0,004	0,014	0,120	FALSE
-0,020	0,287	-0,001	0,014	0,036	FALSE
-0,094	0,287	-0,007	0,016	0,171	FALSE
-0,039	0,281	-0,001	0,009	0,056	FALSE
-0,030	0,282	-0,001	0,009	0,028	FALSE
0,056	0,279	0,001	0,010	0,049	FALSE
-0,069	0,271	-0,002	0,015	0,052	FALSE

-0,085	0,293	-0,001	0,012	0,035	FALSE
-0,117	0,276	-0,006	0,016	0,160	FALSE
-0,052	0,270	-0,001	0,011	0,019	FALSE
0,104	0,280	0,005	0,015	0,147	FALSE
0,183	0,294	0,006	0,010	0,299	FALSE
0,172	0,283	0,009	0,018	0,218	FALSE
0,014	0,273	0,000	0,013	0,010	FALSE
0,112	0,276	0,006	0,014	0,178	FALSE
-0,231	0,278	-0,007	0,010	0,306	FALSE
-0,038	0,293	-0,002	0,012	0,060	FALSE
-0,028	0,269	-0,003	0,012	0,093	FALSE
-0,025	0,276	-0,001	0,009	0,043	FALSE
-0,046	0,281	-0,005	0,017	0,113	FALSE
-0,194	0,269	-0,012	0,017	0,317	FALSE
0,043	0,289	0,001	0,011	0,025	FALSE
-0,082	0,286	-0,005	0,016	0,123	FALSE
-0,098	0,279	-0,002	0,012	0,065	FALSE
0,138	0,278	0,007	0,016	0,191	FALSE
-0,007	0,291	0,001	0,009	0,036	FALSE
-0,016	0,288	-0,004	0,016	0,090	FALSE
0,028	0,278	0,000	0,013	0,008	FALSE
0,030	0,295	0,001	0,016	0,013	FALSE
-0,055	0,293	-0,001	0,010	0,035	FALSE
-0,192	0,280	-0,011	0,017	0,283	FALSE
0,075	0,275	0,005	0,012	0,184	FALSE
0,087	0,284	0,003	0,011	0,119	FALSE
0,082	0,272	0,007	0,017	0,155	FALSE
0,125	0,286	0,003	0,009	0,144	FALSE
0,062	0,290	0,002	0,009	0,065	FALSE
-0,097	0,280	-0,005	0,010	0,197	FALSE
-0,073	0,285	-0,002	0,009	0,102	FALSE
0,012	0,291	0,000	0,012	0,012	FALSE
-0,041	0,271	-0,003	0,010	0,115	FALSE
-0,214	0,280	-0,006	0,009	0,309	FALSE
-0,027	0,277	-0,001	0,011	0,044	FALSE
-0,024	0,296	-0,002	0,012	0,049	FALSE
0,056	0,291	0,001	0,012	0,032	FALSE
0,098	0,281	0,001	0,010	0,048	FALSE
0,068	0,273	0,005	0,018	0,103	FALSE
-0,136	0,281	-0,006	0,014	0,177	FALSE
0,080	0,270	0,003	0,012	0,091	FALSE
-0,121	0,286	-0,006	0,016	0,145	FALSE
-0,012	0,294	-0,001	0,011	0,023	FALSE
0,073	0,273	0,004	0,011	0,132	FALSE
-0,110	0,262	-0,004	0,008	0,192	FALSE
-0,029	0,301	-0,001	0,011	0,035	FALSE
-0,087	0,294	-0,007	0,017	0,158	FALSE
-0,138	0,282	-0,005	0,010	0,231	FALSE
-0,069	0,279	-0,002	0,010	0,085	FALSE
0,028	0,283	0,004	0,017	0,095	FALSE
0,226	0,277	0,007	0,009	0,347	FALSE
0,145	0,277	0,006	0,013	0,195	FALSE
0,084	0,271	0,005	0,011	0,185	FALSE

-0,016	0,292	-0,001	0,013	0,018	FALSE
0,204	0,273	0,012	0,018	0,312	FALSE
-0,120	0,282	-0,003	0,009	0,114	FALSE
0,183	0,280	0,005	0,009	0,246	FALSE
0,092	0,291	0,004	0,017	0,096	FALSE
0,089	0,288	0,005	0,017	0,107	FALSE
0,029	0,279	0,001	0,009	0,033	FALSE
0,022	0,285	0,002	0,016	0,033	FALSE
-0,004	0,289	0,000	0,016	0,005	FALSE
0,122	0,282	0,007	0,015	0,181	FALSE
0,113	0,287	0,006	0,016	0,149	FALSE
-0,056	0,279	-0,002	0,010	0,077	FALSE
0,165	0,266	0,004	0,009	0,218	FALSE
-0,026	0,291	-0,002	0,018	0,032	FALSE
-0,194	0,273	-0,005	0,009	0,215	FALSE
-0,210	0,266	-0,011	0,015	0,351	FALSE
-0,113	0,284	-0,003	0,010	0,133	FALSE
-0,017	0,278	0,000	0,015	0,001	FALSE
-0,053	0,274	-0,001	0,016	0,033	FALSE
-0,093	0,287	-0,005	0,012	0,186	FALSE
-0,028	0,282	0,000	0,016	0,000	FALSE
0,198	0,286	0,007	0,010	0,292	FALSE
0,085	0,289	0,004	0,017	0,088	FALSE
-0,071	0,275	-0,003	0,018	0,071	FALSE
-0,025	0,295	-0,001	0,009	0,020	FALSE
-0,001	0,278	0,001	0,011	0,020	FALSE
-0,111	0,286	-0,007	0,017	0,169	FALSE
-0,239	0,277	-0,009	0,012	0,346	FALSE
0,024	0,266	0,002	0,011	0,051	FALSE
0,057	0,264	0,002	0,014	0,044	FALSE
0,109	0,280	0,003	0,009	0,121	FALSE
0,046	0,277	0,001	0,014	0,025	FALSE
-0,090	0,291	-0,008	0,017	0,197	FALSE
0,123	0,286	0,005	0,010	0,196	FALSE
0,136	0,284	0,005	0,009	0,217	FALSE
-0,166	0,291	-0,008	0,015	0,228	FALSE
0,035	0,286	0,000	0,017	0,008	FALSE
0,027	0,273	0,001	0,008	0,026	FALSE
0,097	0,290	0,003	0,010	0,101	FALSE
0,052	0,269	0,004	0,014	0,119	FALSE
0,092	0,279	0,003	0,013	0,078	FALSE
-0,032	0,290	-0,001	0,013	0,020	FALSE
0,008	0,301	0,002	0,014	0,059	FALSE
0,100	0,283	0,004	0,014	0,100	FALSE
-0,107	0,280	-0,004	0,009	0,180	FALSE
-0,101	0,280	-0,006	0,014	0,179	FALSE
-0,028	0,279	-0,003	0,013	0,086	FALSE
-0,160	0,281	-0,005	0,010	0,212	FALSE
-0,121	0,282	-0,004	0,012	0,148	FALSE
0,035	0,293	0,000	0,009	0,015	FALSE
-0,049	0,272	-0,001	0,010	0,049	FALSE
-0,109	0,289	-0,003	0,018	0,068	FALSE
0,040	0,275	-0,002	0,014	0,038	FALSE

-0,207	0,286	-0,006	0,009	0,292	FALSE
-0,071	0,280	0,000	0,011	0,012	FALSE
-0,064	0,290	-0,001	0,012	0,036	FALSE
-0,091	0,280	-0,002	0,011	0,079	FALSE
-0,040	0,282	-0,003	0,014	0,091	FALSE
0,113	0,297	0,006	0,015	0,167	FALSE
0,089	0,272	0,002	0,009	0,091	FALSE
-0,188	0,278	-0,011	0,018	0,278	FALSE
0,041	0,289	-0,001	0,017	0,027	FALSE
0,154	0,282	0,007	0,014	0,224	FALSE
0,020	0,283	0,001	0,009	0,059	FALSE
-0,069	0,286	0,000	0,014	0,003	FALSE
0,011	0,290	-0,001	0,017	0,030	FALSE
-0,116	0,284	-0,005	0,009	0,212	FALSE
-0,052	0,284	-0,002	0,015	0,048	FALSE
-0,083	0,289	-0,002	0,010	0,097	FALSE
0,045	0,276	0,001	0,008	0,058	FALSE
-0,190	0,262	-0,016	0,018	0,430	FALSE
-0,202	0,267	-0,016	0,018	0,424	FALSE
0,197	0,270	0,014	0,018	0,382	FALSE
0,213	0,262	0,016	0,018	0,424	FALSE
0,240	0,267	0,018	0,018	0,505	FALSE
0,232	0,261	0,018	0,017	0,527	FALSE
0,224	0,256	0,017	0,017	0,497	FALSE
0,217	0,272	0,015	0,018	0,396	FALSE
-0,108	0,277	-0,007	0,013	0,215	FALSE
0,104	0,293	0,004	0,015	0,113	FALSE
0,130	0,284	0,006	0,014	0,173	FALSE
-0,155	0,289	-0,009	0,014	0,298	FALSE
0,090	0,285	0,005	0,014	0,151	FALSE
0,046	0,266	0,000	0,011	0,015	FALSE
-0,089	0,276	-0,005	0,016	0,136	FALSE
-0,109	0,272	-0,008	0,017	0,183	FALSE
0,176	0,261	0,009	0,015	0,253	FALSE
0,009	0,289	0,001	0,013	0,022	FALSE
0,201	0,269	0,010	0,016	0,261	FALSE
0,262	0,264	0,008	0,011	0,361	FALSE
0,056	0,274	0,004	0,017	0,103	FALSE
0,122	0,279	0,004	0,009	0,165	FALSE
0,041	0,296	0,000	0,011	0,015	FALSE
0,096	0,294	0,003	0,012	0,111	FALSE
-0,181	0,278	-0,007	0,010	0,315	FALSE
-0,045	0,266	-0,001	0,011	0,023	FALSE
0,019	0,291	0,001	0,010	0,039	FALSE
0,113	0,292	0,004	0,009	0,156	FALSE
-0,194	0,293	-0,007	0,011	0,288	FALSE
-0,130	0,302	-0,003	0,009	0,148	FALSE
-0,130	0,290	-0,006	0,018	0,137	FALSE
-0,033	0,291	0,000	0,010	0,008	FALSE
0,026	0,276	-0,001	0,013	0,024	FALSE
-0,179	0,290	-0,006	0,009	0,273	FALSE
0,075	0,277	0,003	0,010	0,120	FALSE
0,034	0,279	0,002	0,012	0,078	FALSE

-0,135	0,268	-0,006	0,012	0,199	FALSE
-0,091	0,261	-0,003	0,013	0,091	FALSE
0,138	0,269	0,004	0,016	0,101	FALSE
0,119	0,276	0,004	0,016	0,089	FALSE
0,115	0,279	0,005	0,015	0,129	FALSE
0,098	0,281	0,004	0,016	0,084	FALSE
-0,033	0,287	0,000	0,010	0,006	FALSE
-0,086	0,286	-0,003	0,013	0,097	FALSE
-0,023	0,267	-0,001	0,008	0,056	FALSE
0,029	0,268	0,003	0,015	0,084	FALSE
-0,085	0,280	-0,003	0,011	0,110	FALSE
0,006	0,290	0,000	0,010	0,013	FALSE
-0,040	0,262	-0,002	0,015	0,047	FALSE
0,107	0,276	0,004	0,016	0,088	FALSE
0,021	0,292	0,001	0,016	0,019	FALSE
0,089	0,298	0,003	0,016	0,081	FALSE
-0,054	0,285	-0,002	0,009	0,085	FALSE
-0,220	0,279	-0,007	0,009	0,369	FALSE
0,093	0,287	0,002	0,011	0,062	FALSE
-0,067	0,280	-0,003	0,010	0,099	FALSE
0,094	0,273	0,002	0,010	0,085	FALSE
0,142	0,272	0,005	0,010	0,235	FALSE
-0,028	0,278	0,000	0,009	0,002	FALSE
-0,032	0,291	0,000	0,011	0,010	FALSE
-0,190	0,268	-0,005	0,008	0,281	FALSE
-0,017	0,290	0,001	0,017	0,021	FALSE
0,027	0,264	0,000	0,009	0,018	FALSE
0,039	0,292	0,003	0,015	0,069	FALSE
-0,025	0,275	-0,001	0,010	0,049	FALSE
0,090	0,287	0,003	0,010	0,099	FALSE
0,115	0,287	0,006	0,017	0,140	FALSE
-0,051	0,276	-0,003	0,011	0,092	FALSE
0,102	0,287	0,004	0,010	0,176	FALSE
0,076	0,270	0,005	0,016	0,117	FALSE
0,043	0,284	0,002	0,018	0,047	FALSE
0,103	0,276	0,003	0,013	0,082	FALSE
-0,099	0,272	-0,003	0,013	0,102	FALSE
0,186	0,280	0,006	0,010	0,279	FALSE
0,022	0,270	0,003	0,011	0,087	FALSE
-0,145	0,282	-0,009	0,017	0,218	FALSE
-0,197	0,272	-0,011	0,017	0,306	FALSE
-0,193	0,269	-0,010	0,017	0,269	FALSE
0,107	0,278	0,004	0,012	0,122	FALSE
0,058	0,290	0,003	0,010	0,118	FALSE
-0,067	0,275	-0,002	0,011	0,074	FALSE
-0,075	0,294	-0,003	0,016	0,069	FALSE
-0,161	0,272	-0,008	0,014	0,232	FALSE
-0,181	0,278	-0,009	0,015	0,251	FALSE
-0,126	0,281	-0,006	0,013	0,171	FALSE
-0,189	0,282	-0,006	0,009	0,271	FALSE
-0,050	0,289	-0,002	0,011	0,055	FALSE
-0,179	0,279	-0,009	0,016	0,251	FALSE
0,039	0,289	0,001	0,009	0,044	FALSE

-0,062	0,271	0,000	0,016	0,001	FALSE
0,059	0,276	0,001	0,011	0,023	FALSE
-0,014	0,284	-0,001	0,011	0,030	FALSE
-0,102	0,282	-0,005	0,016	0,132	FALSE
-0,061	0,278	-0,003	0,012	0,110	FALSE
-0,040	0,270	-0,002	0,013	0,067	FALSE
0,144	0,282	0,006	0,010	0,263	FALSE
0,172	0,282	0,007	0,015	0,202	FALSE
-0,067	0,289	-0,002	0,012	0,052	FALSE
0,056	0,287	0,001	0,009	0,049	FALSE
0,099	0,279	0,005	0,013	0,163	FALSE
-0,008	0,281	0,002	0,018	0,035	FALSE
-0,157	0,281	-0,009	0,017	0,242	FALSE
-0,131	0,289	-0,007	0,018	0,160	FALSE
0,155	0,285	0,008	0,018	0,174	FALSE
0,015	0,288	0,002	0,010	0,085	FALSE
0,024	0,280	0,002	0,011	0,077	FALSE
0,192	0,283	0,007	0,009	0,346	FALSE
-0,092	0,273	-0,005	0,012	0,159	FALSE
-0,025	0,300	-0,001	0,016	0,019	FALSE
-0,001	0,290	0,000	0,015	0,001	FALSE
0,018	0,283	0,002	0,013	0,045	FALSE
0,065	0,276	0,004	0,014	0,112	FALSE
0,038	0,290	0,003	0,015	0,067	FALSE
-0,070	0,281	-0,001	0,015	0,033	FALSE
-0,054	0,284	-0,001	0,015	0,022	FALSE
-0,094	0,288	-0,003	0,015	0,079	FALSE
-0,080	0,285	-0,002	0,015	0,053	FALSE
0,037	0,275	0,001	0,009	0,046	FALSE
-0,062	0,280	-0,001	0,016	0,024	FALSE
-0,070	0,291	-0,002	0,015	0,054	FALSE
-0,086	0,279	-0,003	0,015	0,081	FALSE
0,028	0,289	0,002	0,015	0,044	FALSE
-0,103	0,296	-0,002	0,009	0,080	FALSE
0,141	0,292	0,005	0,011	0,199	FALSE
0,167	0,280	0,005	0,009	0,238	FALSE
0,176	0,281	0,006	0,009	0,266	FALSE
0,191	0,290	0,006	0,009	0,279	FALSE
0,138	0,295	0,005	0,010	0,196	FALSE
0,168	0,282	0,006	0,009	0,260	FALSE
0,077	0,290	0,003	0,014	0,067	FALSE
0,019	0,283	0,002	0,011	0,071	FALSE
0,119	0,262	0,004	0,013	0,120	FALSE
0,075	0,266	0,002	0,010	0,084	FALSE
0,286	0,257	0,016	0,015	0,540	FALSE
0,092	0,281	0,004	0,016	0,103	FALSE
0,008	0,276	-0,001	0,016	0,024	FALSE
0,059	0,289	0,002	0,009	0,071	FALSE
-0,091	0,284	-0,004	0,012	0,111	FALSE
-0,039	0,294	0,000	0,015	0,006	FALSE
0,090	0,272	0,003	0,017	0,071	FALSE
0,034	0,292	0,002	0,010	0,080	FALSE
0,127	0,268	0,004	0,011	0,167	FALSE

0,136	0,284	0,009	0,018	0,215	FALSE
-0,005	0,275	0,002	0,012	0,055	FALSE
-0,317	0,258	-0,016	0,017	0,451	FALSE
-0,030	0,299	-0,003	0,016	0,074	FALSE
-0,042	0,273	-0,001	0,013	0,036	FALSE
-0,017	0,281	-0,001	0,014	0,024	FALSE
-0,095	0,267	-0,005	0,017	0,117	FALSE
0,015	0,278	0,001	0,015	0,016	FALSE
0,057	0,283	0,003	0,013	0,090	FALSE
-0,038	0,293	-0,002	0,011	0,060	FALSE
0,205	0,277	0,012	0,017	0,303	FALSE
0,062	0,281	0,001	0,012	0,026	FALSE
0,050	0,284	0,002	0,010	0,057	FALSE
0,053	0,299	0,003	0,010	0,098	FALSE
-0,036	0,287	0,001	0,011	0,027	FALSE
-0,016	0,283	-0,001	0,017	0,028	FALSE
-0,037	0,284	-0,001	0,010	0,042	FALSE
-0,161	0,293	-0,008	0,017	0,191	FALSE
-0,230	0,264	-0,013	0,016	0,374	FALSE
0,168	0,251	0,005	0,013	0,147	FALSE
-0,103	0,287	-0,003	0,009	0,108	FALSE
-0,007	0,280	0,001	0,017	0,015	FALSE
0,026	0,294	0,000	0,016	0,007	FALSE
0,042	0,279	0,002	0,009	0,088	FALSE
0,060	0,279	0,001	0,016	0,029	FALSE
-0,045	0,270	-0,002	0,010	0,082	FALSE
-0,022	0,286	0,001	0,013	0,025	FALSE
-0,207	0,277	-0,009	0,015	0,249	FALSE
0,100	0,286	0,004	0,015	0,097	FALSE
-0,165	0,285	-0,007	0,014	0,191	FALSE
-0,104	0,280	-0,004	0,009	0,176	FALSE
-0,108	0,274	-0,006	0,012	0,219	FALSE
0,113	0,288	0,008	0,017	0,192	FALSE
0,035	0,271	-0,001	0,015	0,012	FALSE
-0,116	0,287	-0,003	0,010	0,113	FALSE
-0,026	0,291	0,002	0,017	0,037	FALSE
0,069	0,277	0,004	0,011	0,131	FALSE
-0,047	0,281	-0,003	0,016	0,075	FALSE
0,044	0,256	0,002	0,018	0,042	FALSE
-0,160	0,280	-0,004	0,009	0,199	FALSE
-0,009	0,290	0,001	0,009	0,056	FALSE
-0,254	0,264	-0,013	0,017	0,371	FALSE
0,006	0,286	-0,002	0,012	0,056	FALSE
0,094	0,283	0,003	0,009	0,147	FALSE
-0,121	0,274	-0,009	0,015	0,266	FALSE
-0,197	0,279	-0,006	0,010	0,252	FALSE
0,081	0,296	0,003	0,011	0,114	FALSE
0,104	0,299	0,006	0,017	0,141	FALSE
0,101	0,303	0,005	0,017	0,119	FALSE
0,018	0,263	-0,001	0,011	0,018	FALSE
0,118	0,268	0,007	0,014	0,188	FALSE
0,126	0,288	0,008	0,018	0,177	FALSE
0,131	0,299	0,007	0,018	0,158	FALSE

0,034	0,280	0,001	0,009	0,027	FALSE
0,033	0,297	0,001	0,010	0,020	FALSE
0,140	0,275	0,003	0,009	0,131	FALSE
-0,021	0,285	-0,001	0,014	0,019	FALSE
-0,024	0,297	-0,002	0,017	0,034	FALSE
-0,087	0,280	-0,002	0,010	0,092	FALSE
-0,073	0,294	-0,003	0,017	0,062	FALSE
-0,024	0,280	0,002	0,017	0,034	FALSE
0,005	0,277	-0,002	0,017	0,037	FALSE
-0,080	0,282	-0,004	0,012	0,113	FALSE
0,125	0,286	0,004	0,015	0,115	FALSE
0,096	0,279	0,003	0,010	0,106	FALSE
0,103	0,288	0,003	0,013	0,099	FALSE
0,138	0,276	0,003	0,010	0,120	FALSE
0,034	0,285	0,000	0,013	0,007	FALSE
0,079	0,297	0,002	0,014	0,061	FALSE
0,056	0,294	0,002	0,013	0,042	FALSE
0,082	0,270	0,002	0,013	0,073	FALSE
-0,011	0,291	0,001	0,009	0,044	FALSE
0,103	0,277	0,003	0,017	0,071	FALSE
0,028	0,291	0,003	0,017	0,061	FALSE
0,091	0,306	0,004	0,010	0,138	FALSE
-0,009	0,260	0,000	0,017	0,006	FALSE
0,053	0,281	0,000	0,011	0,011	FALSE
-0,124	0,277	-0,003	0,009	0,142	FALSE
0,052	0,286	-0,001	0,014	0,034	FALSE
-0,057	0,273	-0,001	0,010	0,029	FALSE
0,114	0,268	0,008	0,017	0,192	FALSE
-0,040	0,271	-0,005	0,013	0,154	FALSE
-0,056	0,289	-0,005	0,013	0,159	FALSE
-0,024	0,294	-0,001	0,009	0,022	FALSE
-0,074	0,283	-0,001	0,013	0,042	FALSE
0,132	0,298	0,009	0,018	0,211	FALSE
0,055	0,292	0,001	0,010	0,035	FALSE
-0,033	0,283	-0,001	0,010	0,019	FALSE
0,030	0,294	0,000	0,009	0,008	FALSE
0,166	0,271	0,005	0,009	0,229	FALSE
0,143	0,291	0,007	0,013	0,211	FALSE
-0,061	0,277	-0,003	0,013	0,077	FALSE
-0,152	0,288	-0,005	0,012	0,162	FALSE
0,065	0,285	0,002	0,014	0,065	FALSE
0,167	0,270	0,004	0,010	0,189	FALSE
-0,024	0,287	0,000	0,009	0,005	FALSE
0,027	0,284	0,001	0,017	0,023	FALSE
0,040	0,288	0,002	0,017	0,036	FALSE
0,032	0,291	0,002	0,011	0,057	FALSE
-0,061	0,288	-0,002	0,011	0,050	FALSE
0,004	0,280	0,004	0,015	0,103	FALSE
-0,004	0,283	0,000	0,009	0,002	FALSE
-0,147	0,264	-0,009	0,015	0,256	FALSE
-0,103	0,296	-0,007	0,016	0,178	FALSE
0,053	0,285	0,005	0,015	0,121	FALSE
0,011	0,292	0,003	0,015	0,067	FALSE

0,052	0,273	0,002	0,010	0,070	FALSE
0,003	0,277	0,000	0,009	0,019	FALSE
-0,101	0,300	-0,003	0,009	0,136	FALSE
0,222	0,274	0,006	0,008	0,314	FALSE
0,114	0,290	0,005	0,011	0,196	FALSE
-0,061	0,283	-0,006	0,017	0,129	FALSE
-0,083	0,281	-0,003	0,010	0,112	FALSE
-0,077	0,294	-0,002	0,010	0,093	FALSE
-0,101	0,280	-0,002	0,009	0,110	FALSE
-0,141	0,276	-0,006	0,013	0,181	FALSE
-0,018	0,278	0,000	0,017	0,001	FALSE
0,059	0,285	0,005	0,012	0,159	FALSE
0,103	0,293	0,004	0,015	0,105	FALSE
-0,014	0,287	0,001	0,014	0,020	FALSE
0,030	0,279	0,002	0,011	0,075	FALSE
-0,029	0,289	-0,001	0,011	0,050	FALSE
-0,002	0,263	-0,001	0,013	0,028	FALSE
-0,005	0,295	-0,001	0,011	0,041	FALSE
-0,017	0,287	0,001	0,015	0,026	FALSE
-0,161	0,292	-0,004	0,011	0,157	FALSE
-0,069	0,289	-0,002	0,011	0,079	FALSE
0,186	0,270	0,007	0,012	0,271	FALSE
0,039	0,303	0,001	0,009	0,051	FALSE
0,003	0,287	-0,001	0,010	0,027	FALSE
0,030	0,279	0,003	0,014	0,077	FALSE
0,034	0,278	0,004	0,013	0,105	FALSE
-0,138	0,283	-0,007	0,013	0,247	FALSE
0,014	0,283	-0,001	0,015	0,030	FALSE
-0,135	0,287	-0,004	0,012	0,118	FALSE
-0,183	0,279	-0,006	0,013	0,202	FALSE
-0,155	0,278	-0,005	0,013	0,146	FALSE
0,082	0,281	0,005	0,016	0,119	FALSE
0,115	0,256	0,003	0,011	0,114	FALSE
-0,160	0,270	-0,005	0,013	0,145	FALSE
0,052	0,304	0,003	0,012	0,110	FALSE
0,112	0,281	0,003	0,010	0,129	FALSE
0,007	0,286	0,001	0,016	0,018	FALSE
-0,039	0,264	-0,003	0,016	0,065	FALSE
0,006	0,282	0,000	0,010	0,011	FALSE
-0,063	0,284	-0,002	0,010	0,090	FALSE
-0,026	0,280	-0,001	0,014	0,026	FALSE
-0,139	0,286	-0,004	0,010	0,179	FALSE
-0,048	0,279	-0,003	0,015	0,066	FALSE
0,153	0,265	0,004	0,013	0,122	FALSE
0,197	0,273	0,005	0,011	0,190	FALSE
-0,207	0,290	-0,006	0,010	0,246	FALSE
0,026	0,280	0,000	0,008	0,012	FALSE
-0,040	0,287	-0,003	0,018	0,067	FALSE
0,101	0,274	0,008	0,013	0,264	FALSE
0,057	0,287	0,003	0,011	0,092	FALSE
0,068	0,282	0,003	0,009	0,128	FALSE
0,056	0,285	0,001	0,014	0,028	FALSE
0,031	0,282	0,004	0,011	0,134	FALSE

-0,035	0,285	0,001	0,009	0,026	FALSE
-0,151	0,278	-0,005	0,011	0,177	FALSE
0,057	0,262	0,002	0,011	0,089	FALSE
-0,109	0,290	-0,003	0,009	0,125	FALSE
-0,021	0,264	-0,003	0,012	0,102	FALSE
-0,184	0,275	-0,007	0,013	0,230	FALSE
-0,104	0,271	-0,010	0,018	0,237	FALSE
0,134	0,273	0,004	0,010	0,164	FALSE
-0,063	0,272	-0,006	0,017	0,127	FALSE
0,059	0,265	0,005	0,017	0,124	FALSE
-0,205	0,280	-0,006	0,009	0,291	FALSE
-0,179	0,276	-0,006	0,009	0,284	FALSE
0,177	0,267	0,007	0,011	0,261	FALSE
-0,210	0,274	-0,007	0,009	0,318	FALSE
-0,243	0,277	-0,015	0,017	0,405	FALSE
0,127	0,271	0,004	0,012	0,113	FALSE
-0,005	0,275	-0,002	0,016	0,042	FALSE
-0,023	0,287	0,000	0,009	0,013	FALSE
-0,193	0,290	-0,006	0,013	0,218	FALSE
-0,086	0,291	-0,003	0,009	0,103	FALSE
-0,148	0,287	-0,005	0,009	0,247	FALSE
0,028	0,281	0,001	0,009	0,054	FALSE
0,057	0,288	0,003	0,017	0,056	FALSE
0,002	0,295	-0,001	0,013	0,018	FALSE
0,019	0,274	-0,001	0,016	0,026	FALSE
-0,013	0,288	-0,001	0,010	0,047	FALSE
0,111	0,256	0,003	0,009	0,147	FALSE
0,101	0,270	0,003	0,009	0,133	FALSE
0,100	0,274	0,003	0,009	0,126	FALSE
0,081	0,293	0,004	0,018	0,093	FALSE
-0,063	0,264	-0,003	0,017	0,073	FALSE
0,106	0,286	0,004	0,015	0,111	FALSE
-0,108	0,271	-0,004	0,012	0,135	FALSE
-0,094	0,287	-0,004	0,013	0,113	FALSE
0,033	0,274	0,001	0,009	0,053	FALSE
-0,064	0,294	0,000	0,010	0,017	FALSE
0,206	0,272	0,005	0,009	0,237	FALSE
0,137	0,285	0,008	0,017	0,188	FALSE
0,050	0,274	0,004	0,015	0,117	FALSE
-0,012	0,287	0,000	0,016	0,009	FALSE
-0,144	0,272	-0,006	0,016	0,159	FALSE
-0,084	0,268	-0,005	0,017	0,110	FALSE
0,047	0,260	-0,001	0,010	0,055	FALSE
-0,072	0,273	-0,002	0,010	0,087	FALSE
-0,004	0,279	-0,001	0,009	0,041	FALSE
0,131	0,278	0,008	0,017	0,186	TRUE
0,040	0,283	0,001	0,011	0,047	FALSE
-0,029	0,283	0,000	0,009	0,009	FALSE
-0,025	0,268	0,000	0,009	0,006	FALSE
-0,200	0,287	-0,004	0,009	0,219	FALSE
0,112	0,289	0,008	0,018	0,202	FALSE
-0,166	0,285	-0,009	0,016	0,251	FALSE
0,055	0,288	0,003	0,012	0,088	FALSE

-0,103	0,292	-0,003	0,013	0,103	FALSE
-0,081	0,306	-0,002	0,015	0,057	FALSE
-0,045	0,279	-0,001	0,011	0,024	FALSE
-0,088	0,275	-0,001	0,010	0,029	FALSE
-0,052	0,278	0,000	0,010	0,001	FALSE
-0,135	0,297	-0,004	0,010	0,165	FALSE
-0,049	0,294	-0,004	0,014	0,116	FALSE
0,080	0,282	0,004	0,011	0,137	FALSE
0,203	0,269	0,010	0,018	0,247	FALSE
-0,121	0,289	-0,005	0,014	0,146	FALSE
-0,054	0,269	-0,003	0,016	0,071	FALSE
-0,128	0,299	-0,003	0,010	0,111	FALSE
-0,266	0,270	-0,009	0,010	0,440	FALSE
0,023	0,279	0,002	0,012	0,068	FALSE
-0,084	0,287	-0,002	0,016	0,044	FALSE
-0,053	0,278	-0,005	0,015	0,130	FALSE
-0,100	0,291	-0,002	0,009	0,076	FALSE
0,113	0,269	0,002	0,010	0,056	FALSE
-0,078	0,276	-0,003	0,010	0,114	FALSE
0,054	0,284	0,006	0,016	0,143	FALSE
0,000	0,288	-0,002	0,012	0,070	FALSE
-0,057	0,286	-0,007	0,018	0,161	FALSE
-0,025	0,266	0,000	0,012	0,003	FALSE
0,040	0,298	0,003	0,010	0,099	FALSE
0,098	0,270	0,007	0,018	0,147	FALSE
-0,281	0,272	-0,012	0,013	0,433	FALSE
-0,033	0,280	-0,001	0,013	0,038	FALSE
0,184	0,275	0,012	0,016	0,320	FALSE
0,056	0,287	0,000	0,009	0,013	FALSE
-0,073	0,275	-0,003	0,011	0,105	FALSE
-0,026	0,257	-0,003	0,017	0,063	FALSE
-0,110	0,270	-0,004	0,013	0,133	FALSE
-0,070	0,287	-0,003	0,014	0,073	FALSE
0,081	0,281	0,001	0,014	0,032	FALSE
-0,020	0,294	-0,001	0,010	0,020	FALSE
0,149	0,275	0,006	0,010	0,252	FALSE
0,042	0,279	0,003	0,016	0,062	FALSE
0,099	0,289	0,004	0,015	0,102	FALSE
0,107	0,275	0,005	0,015	0,134	FALSE
0,050	0,298	0,002	0,016	0,035	FALSE
0,060	0,282	0,002	0,010	0,076	FALSE
0,024	0,302	0,003	0,011	0,091	FALSE
-0,003	0,276	-0,002	0,010	0,078	FALSE
0,069	0,284	0,002	0,016	0,039	FALSE
0,059	0,281	0,002	0,010	0,067	FALSE
0,055	0,298	0,002	0,015	0,038	FALSE
0,079	0,282	0,003	0,010	0,099	FALSE
-0,005	0,296	0,000	0,014	0,007	FALSE
0,016	0,288	0,003	0,012	0,093	FALSE
-0,161	0,288	-0,008	0,016	0,215	FALSE
-0,005	0,276	0,003	0,017	0,059	FALSE
-0,224	0,276	-0,011	0,015	0,359	FALSE
0,116	0,297	0,003	0,012	0,090	FALSE

0,034	0,274	0,000	0,011	0,003	FALSE
-0,012	0,269	-0,001	0,010	0,032	FALSE
-0,005	0,279	0,001	0,011	0,037	FALSE
-0,094	0,277	-0,005	0,017	0,111	FALSE
-0,083	0,276	-0,003	0,009	0,133	FALSE
-0,017	0,286	-0,002	0,018	0,036	FALSE
-0,038	0,300	-0,002	0,010	0,068	FALSE
-0,034	0,294	-0,001	0,018	0,023	FALSE
-0,038	0,282	-0,002	0,014	0,062	FALSE
0,081	0,283	0,002	0,012	0,072	FALSE
0,066	0,291	0,002	0,009	0,080	FALSE
-0,116	0,285	-0,004	0,014	0,106	FALSE
0,130	0,269	0,004	0,010	0,156	FALSE
0,127	0,269	0,003	0,010	0,127	FALSE
-0,122	0,292	-0,003	0,012	0,105	FALSE
-0,088	0,276	-0,004	0,012	0,115	FALSE
-0,080	0,277	-0,003	0,013	0,104	FALSE
0,038	0,269	0,003	0,013	0,087	FALSE
-0,114	0,284	-0,009	0,017	0,232	FALSE
0,053	0,272	0,003	0,008	0,166	FALSE
0,213	0,276	0,008	0,012	0,314	FALSE
-0,060	0,285	-0,001	0,013	0,040	FALSE
0,075	0,291	0,003	0,017	0,070	FALSE
0,067	0,287	0,002	0,017	0,032	FALSE
0,038	0,296	0,005	0,017	0,105	FALSE
0,040	0,283	0,000	0,010	0,005	FALSE
-0,129	0,293	-0,004	0,009	0,154	FALSE
0,051	0,289	0,004	0,015	0,102	FALSE
0,030	0,269	0,003	0,015	0,083	FALSE
-0,096	0,292	-0,001	0,009	0,056	FALSE
0,197	0,281	0,006	0,012	0,213	FALSE
-0,121	0,270	-0,007	0,016	0,162	FALSE
-0,107	0,276	-0,004	0,011	0,136	FALSE
-0,023	0,297	0,003	0,016	0,057	FALSE
-0,225	0,279	-0,007	0,010	0,352	FALSE
0,045	0,292	0,003	0,015	0,086	FALSE
-0,016	0,283	0,000	0,014	0,006	FALSE
0,086	0,282	0,006	0,017	0,141	FALSE
0,094	0,279	0,002	0,011	0,087	FALSE
0,062	0,286	0,001	0,013	0,031	FALSE
-0,047	0,289	-0,001	0,011	0,049	FALSE
0,096	0,293	0,005	0,016	0,118	FALSE
-0,077	0,289	-0,004	0,015	0,093	FALSE
0,067	0,268	0,002	0,012	0,057	FALSE
0,035	0,284	0,003	0,014	0,082	FALSE
0,133	0,272	0,005	0,015	0,142	FALSE
0,071	0,290	0,003	0,016	0,062	FALSE
0,090	0,284	0,004	0,016	0,100	FALSE
0,138	0,284	0,006	0,016	0,153	FALSE
-0,059	0,285	-0,002	0,010	0,086	FALSE
-0,149	0,284	-0,003	0,009	0,114	FALSE
0,042	0,299	0,003	0,016	0,076	FALSE
0,278	0,266	0,013	0,017	0,364	FALSE

0,024	0,287	0,002	0,012	0,072	FALSE
0,018	0,276	0,002	0,012	0,062	FALSE
0,109	0,280	0,006	0,017	0,147	FALSE
-0,176	0,268	-0,007	0,014	0,232	FALSE
-0,194	0,282	-0,007	0,012	0,265	FALSE
-0,015	0,276	0,000	0,012	0,009	FALSE
0,105	0,285	0,005	0,011	0,172	FALSE
-0,154	0,292	-0,008	0,016	0,222	FALSE
-0,116	0,285	-0,003	0,010	0,097	FALSE
-0,148	0,271	-0,004	0,016	0,107	FALSE
-0,105	0,280	-0,004	0,012	0,123	FALSE
-0,172	0,286	-0,008	0,012	0,315	FALSE
0,081	0,271	0,005	0,011	0,167	FALSE
-0,112	0,295	-0,002	0,011	0,079	FALSE
-0,068	0,293	-0,002	0,018	0,043	FALSE
0,109	0,294	0,008	0,017	0,205	FALSE
-0,281	0,266	-0,014	0,014	0,502	FALSE
-0,116	0,273	-0,006	0,012	0,192	FALSE
0,062	0,282	0,003	0,016	0,059	FALSE
-0,013	0,281	0,003	0,017	0,056	FALSE
-0,037	0,305	0,000	0,009	0,014	FALSE
-0,050	0,271	-0,001	0,010	0,048	FALSE
-0,004	0,297	0,001	0,009	0,043	FALSE
0,098	0,282	0,008	0,016	0,203	FALSE
0,103	0,289	0,003	0,010	0,135	FALSE
0,171	0,275	0,006	0,011	0,261	FALSE
0,144	0,272	0,009	0,014	0,286	FALSE
-0,017	0,289	-0,001	0,010	0,039	FALSE
0,057	0,280	0,001	0,009	0,039	FALSE
-0,033	0,276	-0,002	0,008	0,078	FALSE
-0,047	0,285	-0,003	0,015	0,060	FALSE
0,105	0,285	0,008	0,015	0,220	FALSE
0,074	0,275	0,006	0,015	0,159	FALSE
-0,029	0,283	-0,003	0,016	0,082	FALSE
-0,051	0,289	-0,001	0,009	0,051	FALSE
-0,024	0,291	-0,002	0,014	0,044	FALSE
0,085	0,290	0,003	0,009	0,130	FALSE
0,145	0,279	0,008	0,015	0,209	FALSE
0,085	0,284	0,003	0,013	0,098	FALSE
-0,092	0,301	-0,002	0,009	0,064	FALSE
0,120	0,287	0,004	0,009	0,194	FALSE
-0,200	0,282	-0,008	0,012	0,289	FALSE
-0,063	0,268	-0,005	0,016	0,113	FALSE
0,165	0,280	0,005	0,009	0,247	FALSE
-0,238	0,274	-0,006	0,009	0,295	FALSE
-0,330	0,252	-0,020	0,018	0,588	FALSE
0,075	0,297	0,004	0,013	0,128	FALSE
0,064	0,282	0,003	0,014	0,082	FALSE
0,195	0,275	0,008	0,010	0,388	FALSE
0,134	0,275	0,006	0,012	0,220	FALSE
-0,251	0,274	-0,009	0,010	0,422	FALSE
0,167	0,283	0,006	0,011	0,228	FALSE
-0,198	0,277	-0,005	0,010	0,230	FALSE

0,019	0,300	0,001	0,011	0,023	FALSE
-0,056	0,282	-0,003	0,010	0,116	FALSE
-0,003	0,285	0,001	0,018	0,020	FALSE
-0,021	0,288	0,001	0,011	0,018	FALSE
-0,014	0,279	0,000	0,016	0,004	FALSE
0,086	0,273	0,004	0,011	0,144	FALSE
-0,170	0,282	-0,005	0,013	0,153	FALSE
-0,073	0,286	-0,001	0,012	0,026	FALSE
-0,118	0,280	-0,003	0,009	0,150	FALSE
0,001	0,294	-0,001	0,017	0,027	FALSE
-0,109	0,282	-0,003	0,010	0,112	FALSE
0,041	0,276	0,003	0,013	0,082	FALSE
0,078	0,301	0,002	0,009	0,076	FALSE
-0,087	0,294	-0,003	0,008	0,125	FALSE
0,136	0,258	0,004	0,011	0,151	FALSE
-0,269	0,279	-0,009	0,010	0,467	FALSE
-0,106	0,293	-0,008	0,018	0,175	FALSE
-0,063	0,287	-0,003	0,012	0,081	FALSE
-0,008	0,281	-0,001	0,010	0,036	FALSE
0,005	0,270	0,003	0,012	0,099	FALSE
0,055	0,270	0,004	0,010	0,141	FALSE
0,015	0,282	-0,001	0,013	0,022	FALSE
-0,035	0,295	-0,001	0,009	0,055	FALSE
-0,090	0,279	-0,007	0,017	0,164	FALSE
-0,052	0,293	-0,003	0,013	0,074	FALSE
-0,111	0,276	-0,003	0,011	0,103	FALSE
-0,134	0,289	-0,006	0,017	0,133	FALSE
0,041	0,281	0,002	0,010	0,066	FALSE
-0,062	0,267	-0,003	0,009	0,150	FALSE
-0,072	0,278	-0,004	0,011	0,148	FALSE
0,063	0,291	0,002	0,010	0,086	FALSE
0,016	0,282	0,001	0,011	0,040	FALSE
-0,016	0,273	0,000	0,011	0,013	FALSE
0,102	0,270	0,004	0,009	0,203	FALSE
-0,037	0,273	0,000	0,009	0,016	FALSE
0,133	0,276	0,005	0,009	0,253	FALSE
-0,077	0,286	-0,004	0,016	0,086	FALSE
0,037	0,288	0,001	0,009	0,029	FALSE
-0,244	0,273	-0,008	0,011	0,346	FALSE
-0,176	0,270	-0,005	0,009	0,213	FALSE
-0,170	0,295	-0,004	0,010	0,179	FALSE
0,035	0,275	0,001	0,014	0,014	FALSE
0,003	0,277	0,000	0,009	0,002	FALSE
-0,175	0,280	-0,006	0,011	0,227	FALSE
-0,060	0,279	-0,006	0,017	0,139	FALSE
-0,169	0,292	-0,006	0,013	0,172	FALSE
-0,100	0,272	-0,005	0,016	0,128	FALSE
-0,100	0,285	-0,005	0,015	0,123	FALSE
-0,276	0,269	-0,017	0,017	0,499	FALSE
-0,086	0,286	-0,003	0,011	0,096	FALSE
-0,010	0,294	0,000	0,010	0,004	FALSE
0,118	0,265	0,002	0,011	0,081	FALSE
0,034	0,292	0,000	0,016	0,005	FALSE

0,024	0,280	0,001	0,015	0,013	FALSE
-0,006	0,297	-0,001	0,015	0,028	FALSE
0,078	0,269	0,003	0,011	0,119	FALSE
-0,065	0,285	-0,001	0,010	0,031	FALSE
0,076	0,300	0,002	0,010	0,067	FALSE
-0,002	0,274	0,001	0,010	0,041	FALSE
0,089	0,282	0,002	0,010	0,063	FALSE
0,069	0,272	0,001	0,009	0,035	FALSE
0,009	0,292	0,002	0,010	0,064	FALSE
0,143	0,279	0,009	0,017	0,207	FALSE
0,064	0,287	0,003	0,009	0,112	FALSE
0,042	0,288	0,000	0,011	0,016	FALSE
0,004	0,298	0,001	0,013	0,033	FALSE
-0,085	0,287	-0,002	0,010	0,087	FALSE
-0,068	0,272	-0,002	0,009	0,095	FALSE
0,156	0,280	0,008	0,013	0,280	FALSE
-0,027	0,287	0,000	0,009	0,005	FALSE
0,100	0,288	0,004	0,010	0,165	FALSE
0,105	0,301	0,004	0,010	0,145	FALSE
-0,103	0,292	-0,004	0,016	0,093	FALSE
-0,169	0,282	-0,008	0,013	0,242	FALSE
-0,063	0,285	-0,002	0,011	0,080	FALSE
-0,059	0,284	-0,001	0,010	0,046	FALSE
-0,064	0,286	-0,002	0,010	0,079	FALSE
-0,094	0,288	-0,002	0,009	0,106	FALSE
-0,111	0,285	-0,003	0,009	0,118	FALSE
-0,036	0,288	-0,001	0,016	0,012	FALSE
-0,056	0,289	-0,002	0,012	0,051	FALSE
-0,202	0,280	-0,006	0,009	0,304	FALSE
-0,100	0,280	-0,002	0,009	0,087	FALSE
-0,057	0,284	-0,001	0,009	0,038	FALSE
0,202	0,277	0,011	0,016	0,303	FALSE
0,043	0,273	0,001	0,018	0,024	FALSE
0,051	0,260	0,001	0,013	0,014	FALSE
-0,033	0,279	-0,001	0,016	0,026	FALSE
0,019	0,275	0,000	0,009	0,010	FALSE
-0,050	0,296	-0,002	0,013	0,056	FALSE
-0,128	0,270	-0,007	0,016	0,180	FALSE
-0,149	0,272	-0,009	0,017	0,221	FALSE
-0,004	0,280	0,000	0,010	0,012	FALSE
0,014	0,303	0,000	0,009	0,013	FALSE
0,070	0,278	0,003	0,012	0,099	FALSE
0,010	0,285	0,000	0,009	0,015	FALSE
0,030	0,288	0,001	0,009	0,046	FALSE
0,057	0,288	0,003	0,014	0,074	FALSE
-0,023	0,283	0,000	0,009	0,001	FALSE
-0,059	0,280	-0,002	0,009	0,071	FALSE
-0,116	0,283	-0,005	0,016	0,114	FALSE
0,067	0,288	0,002	0,012	0,059	FALSE
0,065	0,290	0,002	0,010	0,075	FALSE
0,083	0,267	0,002	0,008	0,104	FALSE
0,144	0,300	0,005	0,014	0,151	FALSE
0,118	0,299	0,005	0,012	0,166	FALSE

0,130	0,275	0,003	0,011	0,106	FALSE
-0,011	0,301	-0,001	0,009	0,026	FALSE
0,140	0,276	0,005	0,012	0,181	FALSE
0,047	0,284	0,001	0,010	0,037	FALSE
0,104	0,279	0,003	0,011	0,122	FALSE
0,044	0,281	0,003	0,018	0,060	FALSE
0,154	0,278	0,005	0,010	0,224	FALSE
0,008	0,289	0,000	0,017	0,008	FALSE
-0,015	0,285	-0,001	0,017	0,014	FALSE
-0,005	0,298	0,000	0,018	0,005	FALSE
-0,093	0,277	-0,006	0,013	0,182	FALSE
-0,152	0,273	-0,011	0,015	0,328	FALSE
-0,091	0,280	-0,008	0,017	0,186	FALSE
0,157	0,276	0,010	0,016	0,257	FALSE
0,087	0,287	0,003	0,012	0,089	FALSE
0,025	0,290	0,001	0,009	0,053	FALSE
-0,126	0,278	-0,005	0,013	0,140	FALSE
0,054	0,278	0,003	0,009	0,105	FALSE
0,091	0,276	0,002	0,015	0,044	FALSE
-0,191	0,264	-0,009	0,016	0,249	FALSE
-0,239	0,280	-0,013	0,016	0,360	FALSE
-0,246	0,282	-0,014	0,017	0,387	TRUE
0,136	0,268	0,005	0,009	0,240	FALSE
-0,087	0,278	-0,003	0,013	0,095	FALSE
-0,027	0,292	-0,003	0,011	0,086	FALSE
0,078	0,287	0,001	0,018	0,024	FALSE
-0,105	0,287	-0,003	0,009	0,167	FALSE
0,001	0,283	0,001	0,016	0,017	FALSE
-0,018	0,300	0,000	0,013	0,003	FALSE
0,013	0,276	0,000	0,016	0,005	FALSE
0,007	0,272	-0,002	0,011	0,078	FALSE
-0,126	0,276	-0,006	0,017	0,144	FALSE
-0,045	0,295	-0,002	0,015	0,051	FALSE
-0,005	0,292	0,000	0,009	0,012	FALSE
-0,129	0,281	-0,007	0,012	0,240	FALSE
-0,020	0,290	-0,003	0,017	0,065	FALSE
-0,066	0,284	0,000	0,014	0,009	FALSE
-0,138	0,300	-0,007	0,013	0,238	FALSE
0,179	0,282	0,004	0,008	0,218	FALSE
0,102	0,313	0,007	0,019	0,140	FALSE
-0,032	0,270	-0,001	0,012	0,041	FALSE
-0,027	0,293	0,000	0,016	0,005	FALSE
0,112	0,281	0,004	0,011	0,145	FALSE
0,118	0,281	0,007	0,015	0,189	FALSE
0,221	0,273	0,011	0,017	0,283	FALSE
-0,018	0,268	-0,001	0,010	0,036	FALSE
-0,080	0,271	-0,001	0,012	0,021	FALSE
-0,030	0,275	0,000	0,017	0,005	FALSE
-0,152	0,267	-0,004	0,010	0,159	FALSE
0,059	0,283	0,003	0,013	0,089	FALSE
0,104	0,278	0,003	0,012	0,106	FALSE
0,164	0,290	0,006	0,015	0,175	FALSE
-0,151	0,278	-0,009	0,015	0,267	FALSE

-0,058	0,285	-0,004	0,015	0,109	FALSE
0,026	0,268	0,001	0,010	0,056	FALSE
-0,026	0,292	-0,001	0,009	0,033	FALSE
0,065	0,290	0,001	0,009	0,031	FALSE
-0,093	0,282	-0,002	0,009	0,085	FALSE
0,087	0,289	0,002	0,013	0,054	FALSE
0,015	0,279	0,003	0,011	0,099	FALSE
-0,155	0,281	-0,007	0,012	0,252	FALSE
-0,011	0,295	0,001	0,018	0,017	FALSE
-0,218	0,258	-0,010	0,017	0,239	FALSE
-0,102	0,278	-0,007	0,017	0,166	FALSE
-0,100	0,279	-0,006	0,017	0,152	FALSE
0,107	0,279	0,003	0,014	0,085	FALSE
0,072	0,279	0,002	0,012	0,057	FALSE
0,048	0,282	0,002	0,012	0,047	FALSE
0,024	0,292	0,000	0,017	0,003	FALSE
0,055	0,288	0,002	0,012	0,045	FALSE
-0,148	0,280	-0,006	0,011	0,237	FALSE
0,074	0,296	0,002	0,013	0,061	FALSE
0,082	0,281	0,003	0,010	0,133	FALSE
-0,024	0,287	0,000	0,017	0,007	FALSE
0,041	0,269	0,001	0,011	0,035	FALSE
0,138	0,275	0,005	0,017	0,102	FALSE
-0,003	0,273	-0,001	0,016	0,029	FALSE
0,095	0,283	0,005	0,015	0,137	FALSE
0,024	0,280	0,004	0,015	0,093	FALSE
0,063	0,279	0,005	0,014	0,145	FALSE
-0,043	0,289	0,001	0,017	0,013	FALSE
0,043	0,289	0,002	0,018	0,041	FALSE
0,062	0,280	0,002	0,016	0,055	FALSE
-0,154	0,273	-0,007	0,011	0,269	FALSE
-0,043	0,301	-0,001	0,010	0,044	FALSE
0,118	0,283	0,008	0,017	0,191	FALSE
-0,018	0,275	-0,001	0,011	0,031	FALSE
-0,214	0,268	-0,009	0,012	0,315	FALSE
0,056	0,294	0,002	0,009	0,094	FALSE
-0,142	0,277	-0,006	0,012	0,207	FALSE
-0,029	0,290	-0,001	0,015	0,027	FALSE
0,061	0,282	0,001	0,009	0,046	FALSE
-0,078	0,279	-0,001	0,009	0,025	FALSE
0,035	0,300	0,002	0,016	0,053	FALSE
0,087	0,270	0,002	0,013	0,063	FALSE
0,079	0,288	0,001	0,009	0,030	FALSE
-0,024	0,290	0,000	0,009	0,018	FALSE
-0,042	0,286	-0,003	0,014	0,090	FALSE
0,003	0,279	0,002	0,014	0,052	FALSE
-0,102	0,275	-0,007	0,015	0,186	FALSE
0,032	0,280	0,002	0,011	0,079	FALSE
-0,142	0,277	-0,007	0,013	0,207	FALSE
-0,144	0,278	-0,006	0,014	0,192	FALSE
-0,006	0,297	0,003	0,017	0,076	FALSE
-0,206	0,257	-0,014	0,018	0,356	FALSE
-0,218	0,264	-0,015	0,018	0,407	FALSE

0,125	0,282	0,006	0,014	0,162	FALSE
-0,160	0,289	-0,005	0,010	0,224	FALSE
0,089	0,290	0,004	0,015	0,114	FALSE
0,055	0,272	0,000	0,009	0,007	FALSE
0,115	0,285	0,003	0,009	0,141	FALSE
0,073	0,280	0,002	0,014	0,057	FALSE
-0,062	0,287	-0,001	0,012	0,026	FALSE
-0,035	0,282	-0,001	0,009	0,035	FALSE
0,128	0,276	0,006	0,015	0,163	FALSE
0,037	0,278	0,001	0,014	0,017	FALSE
-0,090	0,278	-0,004	0,012	0,122	FALSE
-0,096	0,278	-0,007	0,017	0,166	FALSE
-0,070	0,290	-0,001	0,009	0,054	FALSE
-0,051	0,303	-0,001	0,010	0,019	FALSE
0,080	0,285	0,002	0,013	0,068	FALSE
-0,150	0,299	-0,006	0,013	0,180	FALSE
-0,069	0,282	-0,003	0,011	0,100	FALSE
0,149	0,288	0,006	0,014	0,161	FALSE
-0,073	0,287	-0,001	0,017	0,031	FALSE
-0,108	0,292	-0,006	0,016	0,149	FALSE
0,223	0,257	0,005	0,009	0,221	FALSE
-0,198	0,272	-0,012	0,017	0,320	FALSE
-0,125	0,276	-0,007	0,012	0,244	FALSE
0,077	0,277	0,002	0,016	0,054	FALSE
0,003	0,273	0,001	0,009	0,049	FALSE
-0,078	0,288	-0,003	0,016	0,058	FALSE
0,002	0,289	0,001	0,010	0,039	FALSE
0,013	0,284	0,001	0,011	0,030	FALSE
-0,080	0,278	-0,002	0,011	0,074	FALSE
-0,223	0,285	-0,007	0,009	0,376	FALSE
0,045	0,277	0,002	0,014	0,058	FALSE
-0,020	0,298	-0,002	0,016	0,036	FALSE
0,129	0,274	0,005	0,013	0,141	FALSE
0,043	0,278	0,003	0,012	0,095	FALSE
0,004	0,291	0,001	0,015	0,020	FALSE
0,076	0,262	0,002	0,010	0,080	FALSE
0,052	0,290	0,003	0,012	0,086	FALSE
0,043	0,296	0,002	0,011	0,075	FALSE
-0,111	0,276	-0,004	0,013	0,125	FALSE
0,110	0,268	0,002	0,009	0,086	FALSE
0,035	0,278	0,001	0,013	0,030	FALSE
-0,006	0,289	-0,001	0,012	0,030	FALSE
0,043	0,275	0,001	0,009	0,037	FALSE
-0,078	0,293	-0,003	0,012	0,085	FALSE
-0,005	0,279	0,003	0,014	0,068	FALSE
0,110	0,300	0,005	0,013	0,166	FALSE
-0,137	0,286	-0,004	0,009	0,186	FALSE
-0,048	0,290	-0,001	0,009	0,057	FALSE
0,215	0,275	0,012	0,017	0,324	FALSE
0,046	0,288	0,002	0,016	0,036	FALSE
0,054	0,277	0,002	0,010	0,075	FALSE
-0,022	0,290	0,000	0,010	0,016	FALSE
0,191	0,279	0,011	0,016	0,305	FALSE

0,000	0,271	0,000	0,018	0,005	FALSE
0,128	0,278	0,004	0,010	0,141	FALSE
0,179	0,275	0,007	0,014	0,207	FALSE
0,130	0,286	0,005	0,011	0,175	FALSE
-0,148	0,269	-0,006	0,013	0,174	FALSE
-0,094	0,285	-0,003	0,013	0,072	FALSE
0,198	0,278	0,011	0,016	0,311	FALSE
-0,071	0,295	-0,005	0,018	0,111	FALSE
0,067	0,291	0,004	0,018	0,085	FALSE
0,103	0,269	0,002	0,012	0,072	FALSE
0,151	0,283	0,006	0,011	0,242	FALSE
0,116	0,276	0,004	0,016	0,110	FALSE
0,094	0,280	0,006	0,016	0,146	FALSE
0,213	0,275	0,009	0,012	0,328	FALSE
0,090	0,276	0,004	0,010	0,152	FALSE
-0,002	0,290	-0,001	0,011	0,021	FALSE
-0,138	0,281	-0,007	0,017	0,180	FALSE
-0,113	0,283	-0,005	0,017	0,109	FALSE
0,138	0,264	0,003	0,009	0,124	FALSE
-0,047	0,274	-0,004	0,016	0,106	FALSE
0,088	0,282	0,003	0,013	0,097	FALSE
-0,121	0,284	-0,005	0,016	0,122	FALSE
-0,116	0,300	-0,002	0,011	0,057	FALSE
-0,165	0,283	-0,005	0,009	0,257	FALSE
-0,015	0,292	-0,001	0,009	0,052	FALSE
0,082	0,279	0,004	0,016	0,108	FALSE
0,145	0,280	0,006	0,011	0,244	FALSE
0,197	0,265	0,008	0,014	0,261	FALSE
0,221	0,270	0,009	0,014	0,276	FALSE
0,039	0,280	0,001	0,011	0,020	FALSE
0,047	0,287	0,004	0,015	0,090	FALSE
0,141	0,290	0,006	0,012	0,193	FALSE
0,040	0,292	0,003	0,017	0,057	FALSE
0,120	0,283	0,007	0,014	0,222	FALSE
0,118	0,267	0,008	0,015	0,212	FALSE
-0,028	0,285	-0,001	0,012	0,026	FALSE
-0,168	0,273	-0,010	0,016	0,274	FALSE
-0,004	0,299	0,000	0,014	0,011	FALSE
-0,052	0,287	-0,002	0,008	0,084	FALSE
-0,005	0,284	0,002	0,017	0,035	FALSE
0,121	0,282	0,006	0,014	0,196	FALSE
0,091	0,268	0,006	0,017	0,133	FALSE
-0,154	0,298	-0,004	0,010	0,168	FALSE
0,175	0,276	0,007	0,017	0,167	FALSE
0,173	0,264	0,006	0,016	0,161	FALSE
-0,032	0,276	-0,001	0,009	0,033	FALSE
-0,023	0,282	-0,001	0,014	0,037	FALSE
-0,033	0,286	-0,002	0,014	0,057	FALSE
0,005	0,281	0,003	0,014	0,097	FALSE
0,033	0,292	0,003	0,009	0,105	FALSE
-0,109	0,285	-0,002	0,010	0,078	FALSE
-0,106	0,275	-0,005	0,015	0,122	FALSE
-0,055	0,289	-0,004	0,016	0,084	FALSE

-0,032	0,283	-0,003	0,014	0,072	FALSE
0,086	0,290	0,005	0,012	0,178	FALSE
0,069	0,288	0,006	0,018	0,128	FALSE
0,104	0,288	0,003	0,013	0,096	FALSE
-0,016	0,275	-0,002	0,016	0,050	FALSE
-0,003	0,284	-0,003	0,014	0,071	FALSE
0,161	0,281	0,005	0,010	0,181	FALSE
-0,102	0,276	-0,004	0,012	0,126	FALSE
-0,025	0,290	-0,001	0,018	0,018	FALSE
0,008	0,278	0,000	0,012	0,005	FALSE
-0,135	0,293	-0,008	0,018	0,177	FALSE
-0,025	0,288	-0,001	0,011	0,017	FALSE
0,035	0,278	0,001	0,013	0,039	FALSE
-0,159	0,282	-0,007	0,017	0,180	FALSE
-0,157	0,272	-0,007	0,014	0,227	FALSE
-0,055	0,282	-0,001	0,009	0,064	FALSE
0,118	0,279	0,005	0,016	0,131	FALSE
-0,098	0,287	-0,006	0,015	0,174	FALSE
0,023	0,291	0,002	0,012	0,077	FALSE
-0,004	0,301	0,002	0,010	0,094	FALSE
-0,183	0,265	-0,007	0,013	0,231	FALSE
0,174	0,271	0,008	0,013	0,267	FALSE
0,089	0,281	0,000	0,012	0,013	FALSE
-0,088	0,293	-0,003	0,018	0,065	FALSE
-0,077	0,289	-0,002	0,012	0,052	FALSE
0,013	0,299	0,002	0,018	0,034	FALSE
0,026	0,278	-0,001	0,009	0,028	FALSE
0,090	0,284	0,002	0,012	0,049	FALSE
-0,085	0,287	-0,002	0,010	0,078	FALSE
-0,017	0,270	-0,004	0,016	0,099	FALSE
-0,077	0,276	-0,006	0,014	0,181	FALSE
0,182	0,289	0,007	0,011	0,297	FALSE
0,032	0,277	0,001	0,010	0,019	FALSE
-0,112	0,273	-0,005	0,010	0,195	FALSE
-0,028	0,280	0,001	0,009	0,045	FALSE
-0,056	0,284	-0,003	0,010	0,115	FALSE
0,255	0,257	0,008	0,010	0,398	FALSE
-0,131	0,273	-0,005	0,010	0,205	FALSE
-0,076	0,285	-0,001	0,017	0,019	FALSE
-0,106	0,280	-0,002	0,011	0,058	FALSE
-0,078	0,293	-0,004	0,013	0,102	FALSE
-0,150	0,282	-0,007	0,014	0,206	FALSE
0,028	0,284	0,000	0,010	0,001	FALSE
0,035	0,289	0,002	0,015	0,037	FALSE
-0,061	0,285	-0,002	0,010	0,091	FALSE
0,007	0,280	0,003	0,009	0,124	FALSE
0,120	0,283	0,003	0,009	0,159	FALSE
-0,090	0,286	-0,005	0,016	0,116	FALSE
0,066	0,282	0,003	0,016	0,070	FALSE
-0,107	0,286	-0,004	0,008	0,193	FALSE
0,108	0,269	0,003	0,009	0,142	FALSE
0,062	0,280	0,002	0,012	0,074	FALSE
0,066	0,265	0,002	0,008	0,089	FALSE

-0,068	0,275	-0,005	0,016	0,122	FALSE
0,008	0,282	0,000	0,010	0,015	FALSE
0,103	0,263	0,001	0,012	0,022	FALSE
0,110	0,275	0,004	0,008	0,198	FALSE
0,121	0,273	0,004	0,012	0,129	FALSE
-0,028	0,284	-0,002	0,010	0,070	FALSE
0,139	0,287	0,004	0,013	0,124	FALSE
-0,099	0,286	-0,003	0,012	0,104	FALSE
0,062	0,286	0,003	0,017	0,063	FALSE
-0,129	0,279	-0,008	0,018	0,181	FALSE
0,073	0,283	0,003	0,015	0,076	FALSE
-0,029	0,292	0,000	0,009	0,009	FALSE
0,168	0,264	0,007	0,012	0,282	FALSE
0,007	0,288	-0,002	0,017	0,035	FALSE
-0,028	0,265	-0,002	0,011	0,052	FALSE
0,150	0,279	0,006	0,017	0,146	FALSE
-0,069	0,289	-0,002	0,009	0,064	FALSE
0,050	0,289	0,002	0,013	0,049	FALSE
-0,016	0,283	-0,001	0,017	0,015	FALSE
0,037	0,278	0,001	0,015	0,036	FALSE
0,073	0,276	0,001	0,009	0,037	FALSE
-0,093	0,276	-0,003	0,009	0,151	FALSE
-0,142	0,274	-0,005	0,011	0,197	FALSE
-0,139	0,287	-0,004	0,012	0,148	FALSE
0,061	0,300	0,004	0,009	0,172	FALSE
-0,100	0,271	-0,007	0,016	0,196	FALSE
-0,056	0,282	-0,002	0,009	0,085	FALSE
-0,078	0,285	-0,004	0,018	0,079	FALSE
-0,063	0,291	-0,005	0,017	0,106	FALSE
-0,009	0,286	0,000	0,009	0,016	FALSE
-0,071	0,288	-0,002	0,017	0,049	FALSE
-0,066	0,292	-0,002	0,009	0,076	FALSE
-0,130	0,287	-0,003	0,012	0,098	FALSE
0,061	0,286	0,001	0,009	0,022	FALSE
0,017	0,282	0,001	0,010	0,048	FALSE
-0,107	0,273	-0,005	0,016	0,110	FALSE
0,078	0,283	0,005	0,015	0,129	FALSE
0,150	0,281	0,005	0,009	0,246	FALSE
0,134	0,293	0,005	0,010	0,198	FALSE
0,028	0,277	0,001	0,009	0,022	FALSE
0,158	0,274	0,004	0,014	0,126	FALSE
-0,076	0,281	-0,007	0,017	0,152	FALSE
-0,119	0,291	-0,003	0,010	0,139	FALSE
0,021	0,292	0,001	0,012	0,022	FALSE
-0,047	0,292	-0,004	0,018	0,094	FALSE
0,063	0,274	0,002	0,010	0,069	FALSE
0,084	0,283	0,003	0,015	0,072	FALSE
-0,094	0,293	-0,001	0,010	0,052	FALSE
-0,115	0,291	-0,003	0,010	0,094	FALSE
-0,048	0,283	-0,005	0,012	0,168	FALSE
0,023	0,257	0,002	0,017	0,044	FALSE
-0,080	0,296	-0,007	0,016	0,182	FALSE
0,130	0,279	0,004	0,018	0,095	FALSE

-0,162	0,264	-0,007	0,017	0,176	FALSE
0,016	0,286	0,001	0,009	0,035	FALSE
0,062	0,282	0,000	0,010	0,004	FALSE
0,014	0,294	0,000	0,010	0,009	FALSE
-0,119	0,292	-0,004	0,008	0,195	FALSE
0,068	0,284	0,002	0,010	0,096	FALSE
0,172	0,283	0,004	0,009	0,189	FALSE
0,096	0,287	0,002	0,010	0,083	FALSE
0,136	0,277	0,007	0,014	0,210	FALSE
-0,133	0,279	-0,004	0,009	0,188	FALSE
-0,110	0,275	-0,008	0,017	0,200	FALSE
0,098	0,278	0,003	0,013	0,106	FALSE
0,064	0,287	0,006	0,018	0,134	FALSE
0,028	0,292	0,001	0,009	0,038	FALSE
-0,042	0,280	-0,002	0,011	0,075	FALSE
-0,123	0,283	-0,004	0,009	0,206	FALSE
-0,114	0,290	-0,004	0,009	0,149	FALSE
0,008	0,280	0,002	0,008	0,081	FALSE
0,212	0,266	0,012	0,013	0,476	FALSE
0,093	0,272	0,008	0,017	0,197	FALSE
-0,099	0,288	-0,008	0,017	0,202	FALSE
-0,025	0,283	0,000	0,009	0,005	FALSE
0,129	0,292	0,004	0,011	0,147	FALSE
0,182	0,273	0,006	0,009	0,286	FALSE
0,132	0,296	0,005	0,012	0,180	FALSE
-0,046	0,287	-0,002	0,016	0,056	FALSE
-0,088	0,289	-0,003	0,012	0,090	FALSE
0,064	0,285	0,002	0,015	0,049	FALSE
-0,062	0,281	-0,002	0,017	0,049	FALSE
0,080	0,289	0,005	0,017	0,122	FALSE
-0,003	0,271	-0,001	0,009	0,034	FALSE
0,110	0,272	0,006	0,016	0,138	FALSE
0,018	0,302	0,002	0,009	0,073	FALSE
0,069	0,283	0,002	0,013	0,053	FALSE
0,082	0,287	0,005	0,017	0,128	FALSE
-0,093	0,277	-0,002	0,009	0,093	FALSE
0,146	0,283	0,008	0,016	0,213	FALSE
-0,018	0,297	0,000	0,009	0,001	FALSE
-0,118	0,292	-0,004	0,011	0,130	FALSE
0,003	0,288	-0,001	0,010	0,045	FALSE
-0,072	0,288	-0,003	0,012	0,083	FALSE
-0,158	0,282	-0,005	0,011	0,175	FALSE
-0,227	0,266	-0,008	0,013	0,273	FALSE
0,118	0,289	0,005	0,011	0,175	FALSE
-0,143	0,289	-0,007	0,013	0,223	FALSE
0,211	0,283	0,010	0,017	0,256	FALSE
-0,096	0,282	-0,003	0,016	0,075	FALSE
-0,234	0,277	-0,011	0,016	0,290	FALSE
0,154	0,283	0,004	0,013	0,129	FALSE
0,114	0,293	0,007	0,016	0,166	FALSE
-0,120	0,283	-0,003	0,009	0,158	FALSE
-0,226	0,259	-0,007	0,009	0,392	FALSE
-0,223	0,280	-0,009	0,015	0,277	FALSE

-0,163	0,277	-0,007	0,016	0,166	FALSE
0,012	0,286	-0,002	0,016	0,048	FALSE
0,078	0,291	0,005	0,016	0,112	FALSE
0,010	0,285	-0,001	0,012	0,025	FALSE
-0,030	0,287	-0,001	0,017	0,031	FALSE
0,145	0,276	0,008	0,016	0,214	FALSE
-0,019	0,279	-0,003	0,017	0,058	FALSE
-0,139	0,284	-0,008	0,013	0,259	FALSE
0,218	0,275	0,007	0,009	0,314	FALSE
0,108	0,289	0,004	0,010	0,141	FALSE
0,033	0,296	0,001	0,009	0,033	FALSE
0,132	0,276	0,003	0,011	0,090	FALSE
-0,001	0,278	0,000	0,016	0,008	FALSE
-0,057	0,278	-0,001	0,011	0,046	FALSE
-0,058	0,284	-0,004	0,015	0,111	FALSE
0,060	0,289	0,003	0,010	0,113	FALSE
0,131	0,278	0,005	0,015	0,147	FALSE
-0,129	0,290	-0,004	0,010	0,152	FALSE
-0,017	0,289	-0,002	0,009	0,078	FALSE
0,230	0,271	0,005	0,009	0,248	FALSE
-0,001	0,288	-0,002	0,018	0,050	FALSE
-0,095	0,283	-0,002	0,009	0,101	FALSE
-0,061	0,292	-0,001	0,009	0,054	FALSE
-0,066	0,290	-0,001	0,008	0,055	FALSE
0,069	0,281	0,003	0,009	0,140	FALSE
-0,149	0,276	-0,006	0,014	0,176	FALSE
-0,050	0,293	-0,002	0,009	0,094	FALSE
-0,058	0,282	-0,005	0,017	0,120	FALSE
-0,193	0,271	-0,010	0,014	0,318	FALSE
-0,128	0,283	-0,004	0,009	0,194	FALSE
-0,024	0,284	-0,001	0,011	0,044	FALSE
0,029	0,282	0,002	0,015	0,044	FALSE
0,054	0,288	0,003	0,013	0,080	FALSE
0,102	0,268	0,004	0,013	0,119	FALSE
0,143	0,284	0,006	0,013	0,167	FALSE
-0,023	0,295	-0,001	0,016	0,023	FALSE
0,105	0,286	0,005	0,012	0,179	FALSE
0,128	0,275	0,005	0,014	0,137	FALSE
-0,145	0,296	-0,005	0,013	0,139	FALSE
-0,018	0,291	-0,002	0,018	0,035	FALSE
-0,123	0,283	-0,005	0,017	0,103	FALSE
0,113	0,283	0,003	0,010	0,098	FALSE
0,006	0,292	0,001	0,013	0,017	FALSE
-0,043	0,275	-0,005	0,016	0,121	FALSE
-0,031	0,293	-0,001	0,017	0,016	FALSE
0,033	0,271	0,000	0,011	0,007	FALSE
-0,015	0,283	-0,002	0,017	0,047	FALSE
-0,030	0,285	0,000	0,010	0,002	FALSE
-0,007	0,287	0,001	0,010	0,025	FALSE
0,076	0,286	0,004	0,017	0,096	FALSE
-0,041	0,277	-0,001	0,009	0,050	FALSE
0,027	0,289	0,002	0,018	0,037	FALSE
0,022	0,275	0,000	0,011	0,010	FALSE

-0,156	0,279	-0,005	0,011	0,191	FALSE
-0,172	0,279	-0,006	0,012	0,220	FALSE
-0,062	0,284	-0,004	0,012	0,113	FALSE
-0,011	0,276	0,001	0,013	0,024	FALSE
-0,084	0,284	-0,004	0,011	0,153	FALSE
-0,086	0,292	-0,005	0,018	0,118	FALSE
-0,128	0,292	-0,009	0,017	0,222	FALSE
0,112	0,269	0,008	0,013	0,252	FALSE
-0,004	0,285	0,001	0,011	0,040	FALSE
0,036	0,293	0,002	0,011	0,064	FALSE
0,063	0,272	0,001	0,016	0,032	FALSE
-0,146	0,284	-0,006	0,018	0,146	FALSE
-0,112	0,269	-0,003	0,013	0,075	FALSE
0,018	0,269	0,001	0,017	0,026	FALSE
0,031	0,283	0,003	0,017	0,060	FALSE
-0,097	0,290	-0,002	0,015	0,044	FALSE
0,061	0,281	0,001	0,009	0,058	FALSE
-0,134	0,280	-0,003	0,009	0,121	FALSE
-0,082	0,282	-0,002	0,009	0,103	FALSE
0,104	0,271	0,006	0,013	0,171	FALSE
0,109	0,283	0,007	0,015	0,201	FALSE
0,047	0,263	0,003	0,015	0,072	FALSE
0,046	0,273	0,003	0,014	0,071	FALSE
0,041	0,255	0,003	0,014	0,074	FALSE
0,050	0,278	0,003	0,014	0,073	FALSE
0,044	0,259	0,002	0,013	0,069	FALSE
0,035	0,284	0,002	0,015	0,061	FALSE
-0,208	0,278	-0,013	0,017	0,371	FALSE
-0,044	0,276	-0,003	0,013	0,091	FALSE
0,195	0,284	0,008	0,011	0,335	FALSE
-0,007	0,296	0,001	0,013	0,035	FALSE
-0,016	0,293	0,001	0,011	0,028	FALSE
0,198	0,282	0,007	0,011	0,273	FALSE
-0,128	0,283	-0,008	0,015	0,212	FALSE
-0,097	0,288	-0,005	0,015	0,128	FALSE
-0,075	0,288	-0,005	0,014	0,142	FALSE
-0,046	0,293	-0,003	0,014	0,084	FALSE
-0,058	0,292	-0,004	0,015	0,101	FALSE
-0,167	0,271	-0,007	0,013	0,230	FALSE
0,173	0,269	0,008	0,011	0,321	FALSE
0,008	0,276	-0,001	0,014	0,014	FALSE
-0,051	0,282	-0,001	0,009	0,047	FALSE
0,199	0,282	0,008	0,011	0,339	FALSE
0,043	0,294	0,002	0,015	0,051	FALSE
-0,157	0,285	-0,006	0,013	0,171	FALSE
-0,119	0,281	-0,003	0,009	0,134	FALSE
-0,120	0,298	-0,003	0,010	0,108	FALSE
-0,152	0,289	-0,004	0,010	0,162	FALSE
-0,084	0,279	-0,002	0,009	0,076	FALSE
-0,035	0,293	-0,002	0,015	0,061	FALSE
-0,063	0,293	-0,003	0,017	0,061	FALSE
-0,105	0,284	-0,004	0,010	0,185	FALSE
0,178	0,279	0,010	0,017	0,278	FALSE

0,006	0,292	0,001	0,012	0,019	FALSE
-0,102	0,287	-0,004	0,016	0,092	FALSE
-0,067	0,284	-0,004	0,018	0,095	FALSE
-0,013	0,287	0,000	0,013	0,008	FALSE
0,113	0,260	0,006	0,015	0,152	FALSE
0,014	0,284	-0,002	0,012	0,056	FALSE
0,213	0,281	0,010	0,016	0,280	FALSE
-0,279	0,271	-0,011	0,013	0,378	FALSE
-0,004	0,285	0,000	0,012	0,011	FALSE
0,132	0,280	0,004	0,009	0,178	FALSE
0,113	0,274	0,007	0,017	0,163	FALSE
-0,034	0,276	-0,002	0,010	0,082	FALSE
0,139	0,282	0,008	0,017	0,206	FALSE
-0,013	0,284	0,000	0,017	0,003	FALSE
0,094	0,279	0,002	0,009	0,109	FALSE
-0,087	0,284	-0,003	0,014	0,080	FALSE
-0,103	0,281	-0,007	0,015	0,195	FALSE
-0,142	0,271	-0,005	0,014	0,140	FALSE
0,044	0,287	0,001	0,010	0,047	FALSE
-0,129	0,273	-0,004	0,011	0,161	FALSE
0,042	0,289	0,003	0,013	0,076	FALSE
-0,062	0,278	-0,001	0,009	0,027	FALSE
0,021	0,282	0,001	0,011	0,035	FALSE
-0,065	0,290	-0,001	0,009	0,033	FALSE
-0,070	0,281	-0,002	0,010	0,094	FALSE
-0,097	0,300	-0,005	0,015	0,120	FALSE
-0,059	0,278	-0,002	0,013	0,062	FALSE
-0,094	0,295	-0,003	0,010	0,109	FALSE
-0,137	0,283	-0,005	0,011	0,187	FALSE
0,051	0,270	0,001	0,009	0,044	FALSE
0,154	0,278	0,006	0,013	0,200	FALSE
-0,100	0,254	-0,008	0,017	0,193	FALSE
0,042	0,273	-0,001	0,012	0,026	FALSE
-0,031	0,283	0,001	0,011	0,046	FALSE
0,001	0,286	-0,003	0,013	0,078	FALSE
0,042	0,298	0,001	0,016	0,020	FALSE
0,060	0,282	0,000	0,009	0,007	FALSE
0,154	0,274	0,004	0,011	0,150	FALSE
0,126	0,284	0,004	0,012	0,124	FALSE
0,071	0,289	0,001	0,009	0,025	FALSE
-0,078	0,279	-0,002	0,009	0,067	FALSE
-0,128	0,271	-0,003	0,008	0,149	FALSE
-0,018	0,279	-0,001	0,010	0,049	FALSE
-0,091	0,292	-0,004	0,010	0,136	FALSE
-0,120	0,281	-0,005	0,012	0,170	FALSE
0,070	0,268	0,006	0,017	0,133	FALSE
0,138	0,285	0,007	0,016	0,177	FALSE
0,157	0,281	0,003	0,009	0,156	FALSE
0,109	0,273	0,004	0,015	0,108	FALSE
0,143	0,273	0,007	0,010	0,288	FALSE
-0,143	0,276	-0,006	0,015	0,174	FALSE
0,100	0,284	0,001	0,009	0,057	FALSE
0,161	0,282	0,007	0,012	0,263	FALSE

0,154	0,272	0,006	0,015	0,158	FALSE
-0,065	0,286	-0,002	0,010	0,079	FALSE
0,159	0,271	0,004	0,011	0,167	FALSE
-0,014	0,287	0,000	0,010	0,013	FALSE
0,003	0,277	-0,001	0,012	0,036	FALSE
0,063	0,294	0,003	0,017	0,065	FALSE
-0,005	0,290	0,000	0,015	0,000	FALSE
0,106	0,271	0,002	0,009	0,107	FALSE
-0,091	0,290	-0,005	0,017	0,113	FALSE
0,105	0,280	0,003	0,012	0,101	FALSE
0,076	0,290	0,003	0,011	0,107	FALSE
-0,148	0,291	-0,003	0,009	0,144	FALSE
0,024	0,291	0,002	0,011	0,051	FALSE
-0,016	0,284	0,000	0,010	0,004	FALSE
-0,079	0,274	-0,006	0,012	0,197	FALSE
-0,109	0,273	-0,003	0,010	0,105	FALSE
0,126	0,270	0,003	0,015	0,077	FALSE
-0,003	0,291	0,001	0,011	0,022	FALSE
-0,106	0,281	-0,005	0,010	0,193	FALSE
-0,084	0,282	-0,004	0,011	0,147	FALSE
-0,088	0,262	-0,005	0,016	0,121	FALSE
-0,073	0,275	-0,003	0,011	0,116	FALSE
0,125	0,279	0,005	0,016	0,121	FALSE
-0,051	0,267	0,001	0,013	0,024	FALSE
-0,125	0,275	-0,005	0,012	0,151	FALSE
0,103	0,291	0,006	0,017	0,129	FALSE
-0,004	0,288	-0,004	0,016	0,097	FALSE
-0,123	0,303	-0,008	0,018	0,190	FALSE
-0,115	0,287	-0,006	0,017	0,142	FALSE
0,079	0,288	0,004	0,011	0,130	FALSE
0,039	0,293	0,000	0,009	0,011	FALSE
-0,064	0,282	-0,004	0,015	0,087	FALSE
-0,112	0,261	-0,004	0,017	0,091	FALSE
0,001	0,297	0,000	0,009	0,017	FALSE
0,052	0,291	0,002	0,010	0,055	FALSE
0,148	0,276	0,007	0,015	0,192	FALSE
0,254	0,262	0,012	0,017	0,299	FALSE
-0,049	0,297	-0,001	0,013	0,030	FALSE
0,092	0,266	0,002	0,009	0,069	FALSE
0,150	0,272	0,004	0,010	0,162	FALSE
-0,064	0,298	-0,001	0,010	0,024	FALSE
-0,153	0,286	-0,005	0,011	0,181	FALSE
0,171	0,281	0,009	0,014	0,282	FALSE
-0,014	0,283	0,000	0,015	0,003	FALSE
-0,049	0,262	-0,004	0,010	0,133	FALSE
0,169	0,276	0,005	0,011	0,195	FALSE
0,062	0,269	0,003	0,009	0,127	FALSE
0,060	0,277	0,003	0,017	0,057	FALSE
0,181	0,278	0,008	0,011	0,332	TRUE
-0,031	0,281	-0,002	0,013	0,070	FALSE
0,008	0,271	0,001	0,017	0,024	FALSE
0,078	0,285	0,002	0,018	0,049	FALSE
-0,008	0,288	-0,001	0,014	0,025	FALSE

-0,005	0,278	0,000	0,017	0,008	FALSE
0,056	0,291	0,002	0,010	0,065	FALSE
-0,047	0,294	-0,003	0,016	0,061	FALSE
-0,092	0,287	-0,008	0,017	0,188	FALSE
-0,089	0,277	-0,003	0,010	0,101	FALSE
-0,031	0,291	-0,001	0,009	0,061	FALSE
0,008	0,284	0,000	0,009	0,020	FALSE
-0,122	0,290	-0,005	0,012	0,180	FALSE
-0,013	0,283	-0,002	0,014	0,052	FALSE
-0,024	0,279	-0,002	0,010	0,063	FALSE
-0,039	0,282	-0,003	0,011	0,087	FALSE
0,019	0,278	0,000	0,018	0,003	FALSE
0,024	0,281	0,001	0,017	0,025	FALSE
-0,130	0,281	-0,006	0,013	0,212	FALSE
-0,087	0,268	-0,005	0,017	0,102	FALSE
-0,082	0,272	-0,003	0,010	0,102	FALSE
0,114	0,289	0,006	0,016	0,151	FALSE
0,090	0,290	0,005	0,017	0,121	FALSE
-0,148	0,268	-0,005	0,008	0,234	FALSE
-0,149	0,267	-0,010	0,015	0,311	FALSE
0,032	0,292	-0,001	0,017	0,029	FALSE
-0,175	0,280	-0,004	0,010	0,158	FALSE
-0,016	0,282	-0,001	0,010	0,018	FALSE
0,082	0,289	0,002	0,009	0,091	FALSE
-0,048	0,268	-0,003	0,014	0,070	FALSE
0,141	0,250	0,007	0,017	0,165	FALSE
0,111	0,296	0,005	0,014	0,129	FALSE
0,058	0,293	0,001	0,010	0,057	FALSE
-0,018	0,291	0,001	0,012	0,021	FALSE
0,024	0,294	0,000	0,011	0,007	FALSE
0,052	0,266	0,001	0,012	0,039	FALSE
0,061	0,279	0,001	0,012	0,031	FALSE
-0,059	0,285	-0,003	0,018	0,071	FALSE
-0,132	0,296	-0,005	0,013	0,136	FALSE
0,006	0,291	0,002	0,015	0,042	FALSE
0,133	0,276	0,009	0,018	0,211	FALSE
-0,030	0,272	-0,003	0,014	0,094	FALSE
-0,033	0,269	-0,004	0,016	0,098	FALSE
-0,017	0,299	0,002	0,011	0,073	FALSE
0,086	0,283	0,002	0,010	0,056	FALSE
-0,023	0,290	0,000	0,010	0,001	FALSE
-0,048	0,280	-0,003	0,017	0,070	FALSE
0,158	0,279	0,004	0,009	0,180	FALSE
-0,062	0,280	-0,002	0,015	0,047	FALSE
0,030	0,273	0,003	0,017	0,055	FALSE
-0,219	0,275	-0,007	0,013	0,241	FALSE
-0,114	0,286	-0,003	0,013	0,088	FALSE
-0,233	0,280	-0,007	0,012	0,277	FALSE
-0,093	0,292	-0,003	0,010	0,127	FALSE
0,100	0,288	0,002	0,011	0,081	FALSE
0,010	0,270	0,004	0,017	0,093	FALSE
-0,175	0,274	-0,007	0,016	0,172	FALSE
0,071	0,277	0,003	0,014	0,081	FALSE

0,094	0,281	0,004	0,014	0,122	FALSE
0,117	0,284	0,007	0,014	0,192	FALSE
-0,103	0,286	-0,002	0,015	0,060	FALSE
-0,045	0,276	0,000	0,015	0,000	FALSE
-0,121	0,270	-0,003	0,014	0,081	FALSE
-0,070	0,289	-0,003	0,012	0,103	FALSE
-0,027	0,292	-0,003	0,018	0,069	FALSE
-0,114	0,293	-0,002	0,010	0,087	FALSE
0,091	0,275	0,002	0,011	0,060	FALSE
-0,122	0,282	-0,003	0,012	0,113	FALSE
0,114	0,294	0,008	0,015	0,231	FALSE
-0,073	0,279	-0,004	0,011	0,128	FALSE
0,041	0,283	0,001	0,018	0,010	FALSE
-0,193	0,273	-0,006	0,009	0,277	FALSE
-0,067	0,273	-0,006	0,014	0,170	FALSE
0,010	0,263	0,000	0,010	0,007	FALSE
-0,051	0,293	-0,001	0,013	0,019	FALSE
0,028	0,278	-0,001	0,012	0,018	FALSE
0,017	0,289	0,001	0,010	0,053	FALSE
-0,064	0,288	-0,002	0,009	0,066	FALSE
0,103	0,285	0,006	0,015	0,146	FALSE
0,131	0,282	0,006	0,014	0,167	FALSE
-0,125	0,273	-0,004	0,009	0,153	FALSE
0,207	0,267	0,006	0,009	0,313	FALSE
0,187	0,257	0,007	0,011	0,272	FALSE
-0,095	0,301	-0,003	0,011	0,103	FALSE
0,070	0,292	0,001	0,012	0,033	FALSE
-0,062	0,267	-0,002	0,009	0,077	FALSE
0,067	0,283	0,004	0,016	0,110	FALSE
-0,041	0,286	-0,001	0,016	0,011	FALSE
-0,254	0,284	-0,014	0,016	0,433	FALSE
0,009	0,296	0,001	0,010	0,022	FALSE
-0,159	0,281	-0,007	0,012	0,231	FALSE
0,043	0,291	0,002	0,017	0,050	FALSE
0,161	0,281	0,006	0,013	0,197	FALSE
-0,131	0,272	-0,009	0,015	0,271	FALSE
0,108	0,276	0,003	0,011	0,099	FALSE
-0,171	0,274	-0,005	0,008	0,234	FALSE
-0,037	0,281	0,001	0,014	0,034	FALSE
-0,014	0,277	0,001	0,010	0,045	FALSE
-0,207	0,258	-0,008	0,013	0,262	FALSE
0,081	0,286	0,003	0,017	0,076	FALSE
0,085	0,279	0,003	0,016	0,073	FALSE
0,091	0,292	0,006	0,018	0,128	FALSE
0,031	0,290	0,000	0,016	0,009	FALSE
0,042	0,275	0,003	0,013	0,082	FALSE
-0,080	0,296	-0,001	0,013	0,038	FALSE
0,179	0,287	0,005	0,009	0,235	FALSE
0,081	0,271	0,001	0,008	0,046	FALSE
0,136	0,274	0,004	0,014	0,100	FALSE
0,159	0,272	0,006	0,014	0,192	FALSE
0,231	0,277	0,007	0,011	0,291	FALSE
0,194	0,286	0,009	0,015	0,256	FALSE

-0,032	0,272	-0,004	0,016	0,095	FALSE
0,086	0,282	0,003	0,010	0,112	FALSE
-0,082	0,287	-0,002	0,008	0,085	FALSE
0,080	0,286	0,003	0,017	0,077	FALSE
-0,251	0,270	-0,008	0,010	0,406	FALSE
-0,223	0,273	-0,007	0,010	0,333	FALSE
-0,211	0,281	-0,011	0,016	0,313	FALSE
-0,043	0,277	-0,002	0,009	0,075	FALSE
-0,028	0,269	-0,001	0,009	0,056	FALSE
-0,233	0,275	-0,012	0,015	0,367	FALSE
0,218	0,265	0,007	0,012	0,247	FALSE
-0,172	0,289	-0,009	0,018	0,211	FALSE
-0,199	0,279	-0,008	0,010	0,369	FALSE
0,256	0,267	0,013	0,016	0,387	FALSE
0,286	0,256	0,014	0,015	0,482	FALSE
0,087	0,276	0,002	0,014	0,043	FALSE
-0,025	0,279	-0,002	0,018	0,048	FALSE
-0,044	0,277	-0,001	0,013	0,024	FALSE
0,272	0,272	0,008	0,009	0,458	FALSE
-0,099	0,270	-0,007	0,016	0,178	FALSE
-0,047	0,275	-0,001	0,017	0,032	FALSE
0,040	0,288	0,001	0,009	0,055	FALSE
0,027	0,291	0,002	0,010	0,090	FALSE
0,135	0,282	0,006	0,016	0,136	FALSE
0,150	0,269	0,004	0,012	0,111	FALSE
0,090	0,286	0,005	0,012	0,171	FALSE
-0,268	0,268	-0,013	0,015	0,384	FALSE
0,104	0,270	0,005	0,013	0,146	FALSE
0,008	0,284	-0,001	0,011	0,019	FALSE
-0,007	0,267	0,000	0,012	0,011	FALSE
0,016	0,273	-0,002	0,017	0,035	FALSE
0,096	0,280	0,004	0,012	0,141	FALSE
-0,211	0,274	-0,012	0,017	0,334	FALSE
0,001	0,284	-0,001	0,015	0,030	FALSE
0,011	0,289	0,000	0,013	0,006	FALSE
-0,014	0,293	-0,002	0,013	0,045	FALSE
-0,004	0,308	-0,001	0,014	0,020	FALSE
0,086	0,279	0,004	0,010	0,149	FALSE
0,140	0,284	0,004	0,012	0,152	FALSE
0,077	0,283	0,002	0,011	0,073	FALSE
-0,031	0,273	-0,001	0,017	0,027	FALSE
-0,077	0,285	-0,001	0,009	0,051	FALSE
0,190	0,288	0,005	0,011	0,198	FALSE
-0,011	0,277	0,000	0,010	0,004	FALSE
0,060	0,270	0,000	0,017	0,007	FALSE
-0,015	0,299	-0,002	0,017	0,048	FALSE
0,036	0,269	0,000	0,015	0,002	FALSE
-0,110	0,288	-0,002	0,009	0,066	FALSE
-0,104	0,297	-0,002	0,010	0,069	FALSE
-0,134	0,295	-0,007	0,015	0,203	FALSE
-0,041	0,269	-0,002	0,009	0,088	FALSE
-0,109	0,289	-0,007	0,016	0,167	FALSE
0,080	0,289	0,004	0,011	0,141	FALSE

-0,235	0,276	-0,011	0,015	0,330	FALSE
0,126	0,283	0,004	0,011	0,159	FALSE
0,045	0,289	0,003	0,010	0,110	FALSE
0,139	0,279	0,006	0,014	0,173	FALSE
-0,010	0,287	0,001	0,009	0,022	FALSE
0,119	0,282	0,007	0,015	0,199	FALSE
-0,192	0,269	-0,010	0,013	0,349	FALSE
-0,094	0,280	-0,008	0,017	0,182	FALSE
0,066	0,270	0,001	0,010	0,044	FALSE
-0,255	0,268	-0,011	0,013	0,422	FALSE
-0,228	0,284	-0,008	0,012	0,304	FALSE
-0,237	0,267	-0,013	0,015	0,390	FALSE
-0,193	0,272	-0,012	0,017	0,314	FALSE
-0,164	0,276	-0,008	0,013	0,266	FALSE
-0,043	0,271	0,001	0,008	0,029	FALSE
0,313	0,257	0,007	0,009	0,409	FALSE
-0,096	0,294	-0,006	0,017	0,142	FALSE
0,326	0,260	0,008	0,009	0,449	FALSE
0,029	0,275	0,002	0,011	0,056	FALSE
0,080	0,292	0,005	0,012	0,157	FALSE
0,118	0,273	0,003	0,008	0,136	FALSE
-0,055	0,282	-0,001	0,009	0,033	FALSE
0,003	0,275	-0,001	0,008	0,026	FALSE
-0,048	0,300	-0,004	0,015	0,111	FALSE
0,011	0,278	0,000	0,012	0,009	FALSE
0,036	0,281	0,002	0,017	0,033	FALSE
-0,011	0,273	-0,003	0,017	0,055	FALSE
0,198	0,269	0,007	0,012	0,258	FALSE
-0,114	0,286	-0,004	0,018	0,094	FALSE
0,033	0,301	-0,001	0,016	0,025	FALSE
0,133	0,284	0,006	0,014	0,168	FALSE
-0,084	0,278	-0,002	0,008	0,072	FALSE
-0,014	0,296	-0,001	0,010	0,039	FALSE
0,150	0,287	0,005	0,009	0,251	FALSE
0,075	0,280	0,004	0,010	0,157	FALSE
0,023	0,274	0,002	0,012	0,067	FALSE
-0,053	0,286	-0,004	0,017	0,100	FALSE
0,193	0,283	0,007	0,010	0,289	FALSE
-0,019	0,285	-0,001	0,017	0,013	FALSE
0,045	0,288	0,001	0,010	0,031	FALSE
0,096	0,290	0,004	0,013	0,129	FALSE
-0,050	0,271	0,000	0,013	0,001	FALSE
-0,020	0,272	0,001	0,013	0,026	FALSE
-0,067	0,271	0,000	0,012	0,001	FALSE
0,057	0,287	0,002	0,013	0,051	FALSE
-0,093	0,281	-0,004	0,014	0,105	FALSE
0,216	0,273	0,007	0,012	0,269	FALSE
-0,103	0,288	-0,004	0,014	0,123	FALSE
0,123	0,279	0,007	0,015	0,180	FALSE
-0,006	0,282	0,001	0,010	0,021	FALSE
0,058	0,307	0,003	0,018	0,054	FALSE
0,025	0,307	0,000	0,018	0,006	FALSE
0,082	0,280	0,004	0,012	0,133	FALSE

0,131	0,281	0,008	0,014	0,237	FALSE
-0,021	0,281	0,000	0,014	0,004	FALSE
0,087	0,288	0,003	0,009	0,142	FALSE
-0,113	0,288	-0,005	0,014	0,129	FALSE
0,091	0,289	0,002	0,012	0,076	FALSE
0,136	0,278	0,004	0,009	0,181	FALSE
0,065	0,286	0,004	0,015	0,096	FALSE
-0,026	0,273	-0,002	0,013	0,070	FALSE
-0,070	0,274	0,000	0,015	0,006	FALSE
0,089	0,281	0,002	0,011	0,063	FALSE
-0,007	0,283	-0,002	0,011	0,077	FALSE
0,008	0,285	0,002	0,013	0,059	FALSE
0,029	0,281	0,002	0,014	0,062	FALSE
-0,030	0,291	-0,001	0,009	0,032	FALSE
-0,007	0,284	0,000	0,009	0,009	FALSE
0,256	0,264	0,012	0,017	0,337	FALSE
-0,210	0,278	-0,009	0,013	0,334	FALSE
0,082	0,273	0,003	0,009	0,115	FALSE
0,070	0,272	0,003	0,010	0,134	FALSE
-0,161	0,288	-0,005	0,010	0,187	FALSE
0,186	0,271	0,012	0,017	0,320	FALSE
0,158	0,270	0,011	0,017	0,285	FALSE
0,178	0,284	0,008	0,018	0,177	FALSE
0,150	0,279	0,008	0,016	0,221	FALSE
0,064	0,263	0,001	0,009	0,036	FALSE
0,150	0,290	0,007	0,015	0,181	FALSE
-0,169	0,286	-0,006	0,011	0,241	FALSE
-0,174	0,289	-0,006	0,012	0,211	FALSE
0,165	0,295	0,009	0,017	0,220	FALSE
-0,222	0,274	-0,014	0,017	0,413	FALSE
-0,121	0,290	-0,002	0,008	0,099	FALSE
0,013	0,300	0,000	0,012	0,012	FALSE
0,234	0,280	0,014	0,017	0,376	FALSE
0,042	0,277	0,002	0,011	0,059	FALSE
-0,197	0,278	-0,007	0,013	0,225	FALSE
0,188	0,259	0,009	0,014	0,262	FALSE
0,091	0,286	0,007	0,017	0,173	FALSE
0,002	0,300	0,000	0,010	0,002	FALSE
-0,035	0,264	-0,001	0,013	0,017	FALSE
-0,081	0,282	-0,002	0,009	0,071	FALSE
0,136	0,275	0,006	0,016	0,167	FALSE
0,048	0,287	0,002	0,013	0,060	FALSE
-0,156	0,280	-0,007	0,016	0,176	FALSE
-0,022	0,288	-0,001	0,012	0,038	FALSE
-0,026	0,282	-0,001	0,009	0,030	FALSE
-0,023	0,285	0,000	0,010	0,007	FALSE
-0,018	0,291	0,002	0,015	0,051	FALSE
-0,067	0,291	-0,003	0,009	0,107	FALSE
-0,045	0,283	-0,002	0,011	0,058	FALSE
0,040	0,278	0,001	0,015	0,014	FALSE
0,068	0,280	0,002	0,014	0,050	FALSE
0,051	0,280	0,001	0,010	0,053	FALSE
0,069	0,282	0,001	0,010	0,046	FALSE

-0,098	0,284	-0,002	0,009	0,086	FALSE
0,025	0,283	0,002	0,015	0,059	FALSE
0,010	0,306	0,002	0,010	0,069	FALSE
-0,190	0,267	-0,006	0,013	0,188	FALSE
-0,070	0,271	-0,001	0,009	0,033	FALSE
0,033	0,269	0,001	0,015	0,036	FALSE
-0,077	0,271	-0,008	0,017	0,193	FALSE
0,197	0,287	0,011	0,015	0,308	FALSE
0,026	0,280	0,001	0,011	0,051	FALSE
-0,092	0,274	-0,005	0,011	0,187	FALSE
0,230	0,267	0,010	0,014	0,313	FALSE
0,026	0,281	0,000	0,010	0,003	FALSE
-0,025	0,292	-0,003	0,017	0,075	FALSE
-0,040	0,292	0,000	0,012	0,006	FALSE
0,024	0,284	0,000	0,009	0,015	FALSE
-0,048	0,278	0,000	0,014	0,003	FALSE
0,032	0,275	0,001	0,008	0,057	FALSE
-0,060	0,275	-0,003	0,013	0,084	FALSE
-0,136	0,294	-0,005	0,015	0,133	FALSE
-0,029	0,282	-0,001	0,012	0,034	FALSE
-0,001	0,290	0,000	0,016	0,004	FALSE
0,027	0,296	0,002	0,016	0,039	FALSE
-0,142	0,279	-0,009	0,015	0,264	FALSE
0,178	0,270	0,008	0,012	0,296	FALSE
0,110	0,288	0,008	0,017	0,187	FALSE
-0,089	0,269	-0,004	0,012	0,137	FALSE
-0,081	0,282	-0,005	0,014	0,133	FALSE
-0,001	0,284	-0,001	0,010	0,033	FALSE
-0,009	0,290	-0,002	0,017	0,040	FALSE
-0,071	0,288	-0,002	0,010	0,073	FALSE
0,013	0,290	0,001	0,009	0,045	FALSE
-0,080	0,289	-0,002	0,011	0,055	FALSE
0,020	0,290	0,001	0,009	0,034	FALSE
-0,010	0,288	-0,002	0,013	0,048	FALSE
-0,040	0,285	-0,003	0,015	0,067	FALSE
-0,025	0,290	-0,001	0,011	0,017	FALSE
-0,083	0,288	-0,003	0,009	0,118	FALSE
-0,008	0,275	0,000	0,009	0,007	FALSE
-0,053	0,289	-0,001	0,017	0,013	FALSE
-0,059	0,269	-0,002	0,008	0,067	FALSE
0,042	0,297	0,002	0,015	0,057	FALSE
0,068	0,284	0,003	0,017	0,069	FALSE
-0,029	0,286	-0,001	0,017	0,023	FALSE
0,069	0,278	0,002	0,015	0,044	FALSE
-0,010	0,291	0,000	0,017	0,009	FALSE
-0,005	0,282	-0,001	0,012	0,027	FALSE
0,040	0,294	0,006	0,016	0,133	FALSE
0,098	0,293	0,006	0,016	0,150	FALSE
0,012	0,292	0,002	0,013	0,064	FALSE
-0,022	0,273	-0,004	0,017	0,087	FALSE
0,141	0,295	0,006	0,017	0,147	FALSE
0,003	0,287	0,000	0,010	0,011	FALSE
-0,008	0,296	-0,001	0,011	0,027	FALSE

-0,008	0,289	0,000	0,011	0,013	FALSE
0,215	0,273	0,010	0,012	0,389	FALSE
0,040	0,274	0,000	0,010	0,016	FALSE
-0,095	0,286	-0,002	0,009	0,094	FALSE
-0,134	0,294	-0,007	0,016	0,175	FALSE
-0,148	0,293	-0,008	0,016	0,213	FALSE
-0,080	0,271	-0,003	0,011	0,101	FALSE
-0,149	0,284	-0,008	0,017	0,195	FALSE
-0,169	0,283	-0,009	0,017	0,229	FALSE
-0,100	0,283	-0,005	0,015	0,134	FALSE
-0,077	0,282	-0,003	0,012	0,078	FALSE
0,104	0,272	0,004	0,015	0,103	FALSE
-0,086	0,293	-0,003	0,009	0,125	FALSE
-0,019	0,278	-0,001	0,013	0,031	FALSE
0,004	0,279	0,000	0,008	0,015	FALSE
-0,044	0,289	-0,003	0,012	0,116	FALSE
-0,058	0,284	-0,004	0,011	0,134	FALSE
-0,115	0,266	-0,005	0,011	0,203	FALSE
-0,125	0,284	-0,002	0,009	0,097	FALSE
-0,011	0,287	0,000	0,016	0,008	FALSE
0,069	0,287	0,004	0,017	0,077	FALSE
-0,064	0,294	-0,001	0,009	0,062	FALSE
0,102	0,289	0,007	0,018	0,160	FALSE
0,057	0,286	0,003	0,018	0,064	FALSE
-0,011	0,274	0,000	0,011	0,011	FALSE
0,133	0,265	0,003	0,014	0,085	FALSE
0,066	0,278	0,003	0,011	0,112	FALSE
-0,089	0,281	-0,005	0,013	0,137	FALSE
0,015	0,284	-0,001	0,016	0,014	FALSE
0,164	0,292	0,006	0,012	0,200	FALSE
0,030	0,288	0,001	0,011	0,028	FALSE
-0,286	0,260	-0,014	0,015	0,439	FALSE
0,063	0,292	0,005	0,017	0,103	FALSE
0,211	0,274	0,010	0,017	0,251	FALSE
0,105	0,282	0,007	0,015	0,178	FALSE
0,074	0,284	0,006	0,015	0,153	FALSE
-0,158	0,279	-0,009	0,017	0,227	FALSE
-0,201	0,268	-0,011	0,017	0,281	FALSE
-0,119	0,275	-0,008	0,018	0,190	FALSE
0,102	0,270	0,002	0,010	0,085	FALSE
0,112	0,277	0,003	0,010	0,115	FALSE
0,024	0,284	-0,001	0,017	0,019	FALSE
-0,102	0,284	-0,003	0,008	0,141	FALSE
-0,190	0,270	-0,009	0,013	0,321	FALSE
-0,140	0,274	-0,012	0,017	0,296	FALSE
0,066	0,258	0,008	0,016	0,207	FALSE
0,063	0,274	0,004	0,012	0,150	FALSE
-0,112	0,272	-0,003	0,011	0,095	FALSE
-0,099	0,284	-0,005	0,010	0,179	FALSE
-0,079	0,285	-0,003	0,010	0,108	FALSE
0,063	0,278	0,002	0,010	0,094	FALSE
0,069	0,287	0,004	0,017	0,093	FALSE
-0,029	0,277	-0,003	0,014	0,068	FALSE

-0,101	0,280	-0,008	0,016	0,217	FALSE
-0,093	0,280	-0,004	0,014	0,108	FALSE
-0,057	0,278	-0,002	0,017	0,050	FALSE
0,062	0,297	0,003	0,014	0,085	FALSE
0,001	0,273	0,000	0,011	0,001	FALSE
0,058	0,280	0,000	0,013	0,009	FALSE
0,017	0,282	0,001	0,011	0,025	FALSE
0,136	0,286	0,009	0,018	0,205	FALSE
-0,001	0,273	0,000	0,010	0,008	FALSE
0,157	0,286	0,005	0,010	0,203	FALSE
-0,093	0,285	-0,004	0,011	0,157	FALSE
0,073	0,287	0,002	0,009	0,091	FALSE
-0,094	0,284	-0,003	0,013	0,082	FALSE
-0,133	0,278	-0,008	0,018	0,176	FALSE
0,186	0,281	0,008	0,015	0,235	FALSE
0,018	0,279	0,000	0,010	0,017	FALSE
-0,048	0,284	-0,004	0,017	0,098	FALSE
-0,028	0,280	-0,001	0,011	0,033	FALSE
-0,090	0,286	-0,004	0,016	0,108	FALSE
0,076	0,279	0,004	0,014	0,110	FALSE
0,204	0,275	0,005	0,008	0,239	FALSE
0,042	0,289	0,002	0,016	0,054	FALSE
-0,105	0,277	-0,003	0,013	0,093	FALSE
0,009	0,296	0,000	0,009	0,005	FALSE
0,004	0,282	0,000	0,012	0,009	FALSE
0,009	0,282	0,001	0,009	0,021	FALSE
0,082	0,292	0,003	0,014	0,082	FALSE
0,053	0,292	0,001	0,010	0,037	FALSE
-0,050	0,272	-0,001	0,014	0,029	FALSE
-0,112	0,294	-0,003	0,010	0,110	FALSE
-0,140	0,285	-0,004	0,011	0,138	FALSE
-0,008	0,282	-0,002	0,009	0,065	FALSE
0,021	0,277	0,001	0,015	0,030	FALSE
0,118	0,273	0,003	0,011	0,126	FALSE
-0,031	0,289	-0,003	0,016	0,062	FALSE
-0,123	0,294	-0,003	0,013	0,091	FALSE
-0,013	0,298	-0,003	0,013	0,071	FALSE
0,085	0,280	0,001	0,018	0,013	FALSE
0,215	0,256	0,008	0,011	0,328	FALSE
-0,022	0,285	-0,002	0,015	0,053	FALSE
0,003	0,276	-0,002	0,013	0,069	FALSE
-0,030	0,299	-0,001	0,014	0,036	FALSE
-0,231	0,278	-0,011	0,017	0,282	FALSE
0,075	0,278	0,002	0,016	0,044	FALSE
-0,184	0,287	-0,004	0,009	0,213	FALSE
-0,153	0,286	-0,006	0,012	0,205	FALSE
0,137	0,294	0,009	0,017	0,237	FALSE
-0,070	0,291	-0,003	0,009	0,118	FALSE
0,094	0,277	0,002	0,015	0,052	FALSE
-0,183	0,270	-0,008	0,014	0,248	FALSE
0,083	0,294	0,004	0,017	0,084	FALSE
0,247	0,277	0,011	0,015	0,305	FALSE
0,056	0,300	0,003	0,013	0,078	FALSE

0,145	0,285	0,005	0,018	0,109	FALSE
0,099	0,267	0,006	0,017	0,151	FALSE
0,011	0,283	0,001	0,016	0,019	FALSE
0,161	0,253	0,004	0,015	0,105	FALSE
-0,234	0,270	-0,009	0,013	0,296	FALSE
-0,022	0,302	-0,001	0,011	0,018	FALSE
0,144	0,272	0,009	0,018	0,224	FALSE
0,005	0,294	0,000	0,009	0,008	FALSE
-0,057	0,277	-0,003	0,013	0,087	FALSE
-0,092	0,266	-0,005	0,014	0,137	FALSE
-0,049	0,261	-0,004	0,010	0,154	FALSE
-0,161	0,284	-0,007	0,015	0,183	FALSE
0,084	0,290	0,002	0,013	0,063	FALSE
-0,070	0,295	-0,004	0,017	0,081	FALSE
-0,039	0,292	-0,001	0,009	0,032	FALSE
-0,067	0,272	-0,005	0,013	0,153	FALSE
-0,074	0,268	-0,006	0,013	0,171	FALSE
-0,039	0,269	-0,004	0,012	0,128	FALSE
0,014	0,269	-0,001	0,014	0,020	FALSE
-0,015	0,274	-0,003	0,014	0,076	FALSE
0,047	0,276	0,002	0,011	0,055	FALSE
0,112	0,296	0,006	0,017	0,150	FALSE
-0,019	0,270	-0,003	0,012	0,087	FALSE
-0,132	0,298	-0,003	0,009	0,111	FALSE
0,113	0,283	0,005	0,011	0,191	FALSE
-0,076	0,279	-0,004	0,009	0,166	FALSE
-0,027	0,296	-0,001	0,010	0,042	FALSE
-0,031	0,282	-0,002	0,008	0,073	FALSE
0,123	0,289	0,005	0,017	0,126	FALSE
-0,064	0,289	-0,003	0,011	0,110	FALSE
0,142	0,282	0,003	0,009	0,128	FALSE
0,063	0,273	0,000	0,009	0,009	FALSE
-0,069	0,300	-0,004	0,009	0,173	FALSE
0,015	0,292	0,000	0,018	0,006	FALSE
0,025	0,280	0,001	0,017	0,016	FALSE
-0,050	0,299	0,000	0,017	0,005	FALSE
-0,064	0,288	-0,003	0,011	0,100	FALSE
-0,015	0,270	0,002	0,012	0,075	FALSE
-0,061	0,293	-0,002	0,011	0,056	FALSE
-0,002	0,285	-0,001	0,013	0,035	FALSE
-0,049	0,276	-0,001	0,015	0,036	FALSE
-0,081	0,289	-0,003	0,017	0,064	FALSE
0,219	0,286	0,009	0,015	0,260	FALSE
-0,094	0,292	-0,007	0,016	0,179	FALSE
-0,021	0,283	-0,001	0,015	0,029	FALSE
0,027	0,282	0,003	0,013	0,082	FALSE
0,222	0,265	0,008	0,012	0,325	FALSE
-0,007	0,288	0,000	0,015	0,012	FALSE
-0,106	0,286	-0,007	0,017	0,159	FALSE
0,070	0,285	0,003	0,008	0,124	FALSE
0,067	0,289	0,003	0,009	0,122	FALSE
0,041	0,270	0,002	0,017	0,033	FALSE
0,031	0,275	0,001	0,017	0,017	FALSE

0,193	0,276	0,010	0,017	0,251	FALSE
0,141	0,268	0,003	0,010	0,130	FALSE
0,140	0,276	0,005	0,008	0,228	FALSE
-0,149	0,266	-0,006	0,015	0,147	FALSE
0,120	0,297	0,004	0,009	0,196	FALSE
-0,147	0,265	-0,007	0,017	0,173	FALSE
-0,069	0,272	-0,001	0,016	0,012	FALSE
0,022	0,294	0,001	0,018	0,012	FALSE
-0,229	0,274	-0,007	0,011	0,304	FALSE
-0,072	0,272	-0,003	0,010	0,121	FALSE
-0,047	0,283	-0,002	0,010	0,066	FALSE
0,204	0,274	0,010	0,015	0,311	FALSE
0,128	0,276	0,005	0,012	0,158	FALSE
0,114	0,279	0,004	0,011	0,153	FALSE
-0,024	0,285	-0,002	0,009	0,068	FALSE
-0,026	0,300	0,000	0,017	0,003	FALSE
-0,171	0,282	-0,009	0,012	0,320	FALSE
0,062	0,274	0,004	0,015	0,109	FALSE
0,122	0,277	0,004	0,009	0,173	FALSE
-0,004	0,276	-0,002	0,017	0,040	FALSE
-0,025	0,297	-0,003	0,018	0,067	FALSE
0,016	0,279	0,000	0,017	0,008	FALSE
0,077	0,283	0,004	0,010	0,144	FALSE
-0,026	0,289	-0,001	0,011	0,021	FALSE
0,086	0,261	0,004	0,015	0,112	FALSE
-0,128	0,283	-0,006	0,013	0,184	FALSE
-0,002	0,296	0,002	0,011	0,053	FALSE
0,011	0,267	0,002	0,014	0,047	FALSE
-0,110	0,290	-0,005	0,012	0,160	FALSE
0,152	0,282	0,006	0,013	0,197	FALSE
-0,111	0,285	-0,006	0,017	0,147	FALSE
-0,033	0,294	-0,001	0,011	0,037	FALSE
0,110	0,278	0,004	0,013	0,127	FALSE
0,068	0,297	0,004	0,018	0,081	FALSE
-0,055	0,283	-0,004	0,014	0,121	FALSE
0,179	0,290	0,005	0,009	0,256	FALSE
-0,127	0,290	-0,007	0,013	0,209	FALSE
0,067	0,278	0,002	0,011	0,068	FALSE
-0,166	0,285	-0,005	0,009	0,236	FALSE
-0,012	0,285	-0,004	0,017	0,083	FALSE
-0,080	0,283	-0,009	0,017	0,215	FALSE
0,062	0,285	0,001	0,013	0,040	FALSE
0,122	0,279	0,003	0,008	0,155	FALSE
0,073	0,281	0,002	0,009	0,074	FALSE
-0,020	0,253	0,000	0,015	0,009	FALSE
0,048	0,278	0,002	0,008	0,114	FALSE
0,039	0,293	0,002	0,009	0,105	FALSE
0,007	0,275	0,000	0,012	0,014	FALSE
-0,082	0,281	-0,004	0,011	0,150	FALSE
-0,083	0,280	-0,004	0,011	0,149	FALSE
0,203	0,265	0,007	0,011	0,312	FALSE
0,118	0,272	0,006	0,011	0,235	FALSE
-0,045	0,273	-0,002	0,016	0,038	FALSE

0,058	0,299	0,002	0,012	0,058	FALSE
-0,081	0,293	-0,003	0,014	0,090	FALSE
-0,032	0,283	-0,002	0,010	0,077	FALSE
0,056	0,283	0,002	0,009	0,064	FALSE
-0,161	0,281	-0,006	0,012	0,210	FALSE
-0,073	0,285	-0,002	0,010	0,070	FALSE
0,016	0,275	0,001	0,010	0,049	FALSE
0,223	0,260	0,006	0,009	0,276	FALSE
0,018	0,300	0,000	0,017	0,000	FALSE
0,023	0,290	0,001	0,013	0,042	FALSE
-0,068	0,294	-0,002	0,015	0,053	FALSE
-0,017	0,286	-0,004	0,016	0,099	FALSE
0,223	0,278	0,008	0,011	0,324	FALSE
0,007	0,291	0,001	0,010	0,030	FALSE
0,064	0,291	0,004	0,013	0,128	FALSE
0,172	0,263	0,007	0,015	0,187	FALSE
0,048	0,283	0,005	0,018	0,112	FALSE
-0,122	0,276	-0,006	0,012	0,217	FALSE
-0,127	0,262	-0,006	0,013	0,191	FALSE
-0,109	0,286	-0,006	0,016	0,151	FALSE
-0,086	0,289	-0,005	0,015	0,120	FALSE
0,104	0,280	0,008	0,017	0,204	FALSE
-0,045	0,274	-0,001	0,010	0,040	FALSE
0,119	0,277	0,007	0,015	0,211	FALSE
0,082	0,268	-0,001	0,011	0,043	FALSE
-0,035	0,279	0,000	0,009	0,003	FALSE
-0,189	0,278	-0,008	0,014	0,226	FALSE
0,088	0,268	0,007	0,017	0,183	FALSE
0,009	0,275	-0,003	0,017	0,068	FALSE
-0,186	0,283	-0,012	0,017	0,325	FALSE
0,091	0,279	0,003	0,017	0,070	FALSE
0,121	0,284	0,004	0,012	0,134	FALSE
-0,195	0,275	-0,006	0,010	0,276	FALSE
-0,054	0,294	-0,002	0,018	0,047	FALSE
-0,125	0,270	-0,005	0,011	0,209	FALSE
-0,132	0,296	-0,005	0,014	0,149	FALSE
-0,006	0,292	-0,001	0,010	0,021	FALSE
-0,258	0,250	-0,011	0,011	0,481	FALSE
0,010	0,294	-0,001	0,010	0,034	FALSE
-0,100	0,289	-0,002	0,009	0,072	FALSE
-0,138	0,286	-0,004	0,010	0,139	FALSE
0,375	0,248	0,019	0,013	0,817	FALSE
0,142	0,277	0,005	0,009	0,235	FALSE
0,143	0,273	0,005	0,009	0,230	FALSE
0,159	0,277	0,005	0,011	0,179	FALSE
0,071	0,265	0,002	0,009	0,066	FALSE
0,114	0,288	0,004	0,015	0,102	FALSE
-0,171	0,278	-0,006	0,014	0,186	FALSE
-0,025	0,285	0,000	0,016	0,000	FALSE
0,085	0,275	0,005	0,017	0,119	FALSE
0,012	0,290	0,002	0,017	0,034	FALSE
0,096	0,275	0,003	0,009	0,131	FALSE
0,101	0,275	0,003	0,012	0,085	FALSE

-0,002	0,289	-0,002	0,011	0,053	FALSE
-0,116	0,280	-0,005	0,010	0,197	FALSE
-0,110	0,258	-0,009	0,016	0,226	FALSE
-0,111	0,270	-0,003	0,008	0,126	FALSE
-0,119	0,279	-0,003	0,009	0,158	FALSE
-0,068	0,280	-0,003	0,010	0,105	FALSE
-0,041	0,272	-0,001	0,015	0,036	FALSE
-0,105	0,287	-0,006	0,013	0,190	FALSE
0,108	0,276	0,002	0,009	0,103	FALSE
0,052	0,280	0,002	0,011	0,052	FALSE
-0,063	0,275	-0,002	0,010	0,070	FALSE
-0,052	0,287	-0,001	0,010	0,042	FALSE
-0,205	0,276	-0,006	0,010	0,272	FALSE
-0,027	0,299	0,001	0,016	0,025	FALSE
-0,128	0,289	-0,005	0,010	0,214	FALSE
-0,200	0,286	-0,007	0,011	0,275	FALSE
-0,174	0,290	-0,007	0,011	0,263	FALSE
-0,103	0,286	-0,004	0,018	0,087	FALSE
-0,001	0,282	-0,003	0,015	0,070	FALSE
0,025	0,284	0,001	0,018	0,029	FALSE
0,080	0,284	0,001	0,017	0,030	FALSE
-0,072	0,289	-0,004	0,017	0,088	FALSE
-0,030	0,295	-0,001	0,010	0,045	FALSE
-0,048	0,279	-0,004	0,012	0,121	FALSE
-0,198	0,250	-0,010	0,013	0,346	FALSE
0,072	0,273	0,003	0,009	0,108	FALSE
-0,070	0,277	-0,002	0,012	0,074	FALSE
-0,069	0,280	-0,002	0,009	0,092	FALSE
-0,057	0,284	-0,003	0,018	0,061	FALSE
-0,171	0,267	-0,008	0,014	0,253	FALSE
0,139	0,284	0,007	0,017	0,161	FALSE
-0,191	0,289	-0,009	0,013	0,326	FALSE
-0,007	0,287	0,002	0,009	0,065	FALSE
0,017	0,293	-0,001	0,011	0,025	FALSE
-0,054	0,292	-0,001	0,010	0,036	FALSE
0,026	0,270	0,001	0,010	0,027	FALSE
0,208	0,269	0,006	0,010	0,281	FALSE
0,112	0,262	0,005	0,014	0,149	FALSE
-0,033	0,281	-0,001	0,015	0,032	FALSE
0,030	0,281	0,002	0,009	0,075	FALSE
-0,044	0,290	-0,002	0,017	0,032	FALSE
-0,057	0,283	-0,002	0,017	0,052	FALSE
-0,038	0,284	-0,002	0,014	0,060	FALSE
0,219	0,258	0,008	0,009	0,403	FALSE
0,080	0,252	0,006	0,015	0,159	TRUE
0,038	0,273	-0,001	0,014	0,030	FALSE
0,103	0,251	0,004	0,016	0,104	FALSE
0,033	0,272	0,001	0,017	0,011	FALSE
-0,050	0,287	-0,001	0,011	0,047	FALSE
-0,161	0,284	-0,004	0,009	0,211	FALSE
-0,039	0,284	-0,002	0,011	0,061	FALSE
0,176	0,263	0,005	0,009	0,245	FALSE
0,051	0,281	0,000	0,014	0,005	FALSE

-0,328	0,263	-0,015	0,015	0,521	FALSE
-0,369	0,261	-0,019	0,016	0,597	FALSE
-0,274	0,280	-0,015	0,017	0,424	FALSE
-0,085	0,299	-0,005	0,017	0,116	FALSE
0,011	0,286	-0,001	0,009	0,033	FALSE
-0,163	0,261	-0,006	0,014	0,183	FALSE
0,096	0,287	0,004	0,018	0,080	FALSE
-0,043	0,290	-0,002	0,017	0,043	FALSE
0,022	0,275	0,000	0,017	0,001	FALSE
0,144	0,276	0,004	0,009	0,188	FALSE
0,007	0,278	0,000	0,017	0,003	FALSE
-0,056	0,285	-0,001	0,010	0,045	FALSE
-0,048	0,292	-0,002	0,011	0,060	FALSE
-0,044	0,271	-0,001	0,011	0,035	FALSE
-0,064	0,265	-0,002	0,013	0,054	FALSE
-0,032	0,282	-0,001	0,010	0,052	FALSE
-0,126	0,278	-0,004	0,009	0,181	FALSE
0,101	0,283	0,002	0,014	0,060	FALSE
0,086	0,271	0,001	0,013	0,016	FALSE
-0,033	0,281	-0,001	0,017	0,010	FALSE
-0,152	0,278	-0,004	0,010	0,192	FALSE
-0,192	0,292	-0,006	0,010	0,274	FALSE
-0,020	0,285	0,001	0,012	0,016	FALSE
-0,040	0,301	0,000	0,016	0,004	FALSE
0,036	0,281	0,002	0,012	0,054	FALSE
0,064	0,293	0,003	0,015	0,066	FALSE
0,019	0,288	0,000	0,015	0,005	FALSE
0,017	0,299	0,000	0,018	0,009	FALSE
0,191	0,274	0,008	0,012	0,293	FALSE
-0,110	0,291	-0,003	0,009	0,115	FALSE
0,011	0,303	0,002	0,011	0,068	FALSE
-0,121	0,294	-0,006	0,016	0,157	FALSE
-0,015	0,281	0,000	0,016	0,009	FALSE
0,033	0,290	0,000	0,014	0,004	FALSE
-0,048	0,270	-0,001	0,010	0,039	FALSE
0,078	0,286	0,003	0,015	0,064	FALSE
0,058	0,280	0,002	0,010	0,087	FALSE
0,082	0,293	0,002	0,017	0,048	FALSE
-0,088	0,276	-0,003	0,010	0,107	FALSE
0,092	0,267	0,002	0,017	0,050	FALSE
0,021	0,275	0,004	0,016	0,089	FALSE
-0,151	0,270	-0,010	0,016	0,284	FALSE
-0,035	0,266	0,001	0,014	0,017	FALSE
-0,076	0,287	-0,003	0,016	0,066	FALSE
0,022	0,282	0,001	0,011	0,029	FALSE
-0,025	0,275	0,000	0,012	0,011	FALSE
-0,028	0,274	0,000	0,012	0,002	FALSE
0,085	0,278	0,004	0,011	0,126	FALSE
0,154	0,271	0,010	0,015	0,301	FALSE
0,235	0,288	0,016	0,019	0,391	FALSE
0,058	0,266	0,004	0,010	0,133	FALSE
0,073	0,285	0,003	0,011	0,119	FALSE
0,003	0,302	0,000	0,011	0,007	FALSE

0,194	0,286	0,014	0,018	0,349	FALSE
-0,061	0,281	0,000	0,010	0,005	FALSE
0,170	0,295	0,006	0,011	0,228	FALSE
-0,099	0,298	-0,002	0,010	0,093	FALSE
-0,033	0,284	0,000	0,010	0,010	FALSE
-0,081	0,287	-0,007	0,017	0,168	FALSE
-0,015	0,277	0,001	0,009	0,026	FALSE
0,126	0,271	0,004	0,018	0,090	FALSE
-0,117	0,266	-0,002	0,009	0,108	FALSE
0,032	0,289	0,002	0,016	0,044	FALSE
-0,014	0,280	0,001	0,015	0,017	FALSE
0,071	0,297	0,003	0,012	0,082	FALSE
0,187	0,276	0,008	0,010	0,333	FALSE
0,186	0,278	0,007	0,010	0,291	FALSE
0,195	0,271	0,009	0,012	0,337	FALSE
-0,109	0,295	-0,007	0,017	0,169	FALSE
-0,034	0,296	-0,001	0,011	0,035	FALSE
0,036	0,278	0,001	0,011	0,041	FALSE
-0,060	0,284	-0,003	0,015	0,084	FALSE
0,146	0,283	0,007	0,013	0,227	FALSE
0,142	0,279	0,007	0,017	0,150	FALSE
0,067	0,268	0,002	0,017	0,043	FALSE
-0,018	0,274	-0,001	0,010	0,024	FALSE
-0,037	0,288	-0,002	0,017	0,053	FALSE
-0,031	0,281	0,001	0,017	0,030	FALSE
-0,084	0,278	-0,003	0,013	0,074	FALSE
-0,007	0,275	-0,001	0,012	0,023	FALSE
-0,070	0,296	-0,001	0,010	0,048	FALSE
-0,099	0,273	-0,005	0,015	0,141	FALSE
-0,085	0,289	-0,002	0,009	0,061	FALSE
-0,142	0,273	-0,007	0,017	0,166	FALSE
-0,130	0,276	-0,007	0,014	0,211	FALSE
-0,058	0,289	-0,002	0,009	0,083	FALSE
0,040	0,297	0,001	0,013	0,042	FALSE
-0,123	0,268	-0,005	0,012	0,181	FALSE
-0,062	0,274	-0,005	0,014	0,153	FALSE
-0,018	0,286	0,001	0,010	0,049	FALSE
-0,118	0,286	-0,006	0,013	0,172	FALSE
0,120	0,277	0,004	0,015	0,109	FALSE
-0,009	0,298	0,001	0,015	0,020	FALSE
-0,128	0,279	-0,004	0,008	0,201	FALSE
-0,028	0,293	0,000	0,011	0,016	FALSE
0,164	0,268	0,005	0,011	0,179	FALSE
-0,228	0,265	-0,010	0,012	0,354	FALSE
0,144	0,265	0,005	0,012	0,169	FALSE
0,209	0,262	0,008	0,013	0,289	FALSE
-0,040	0,287	-0,004	0,015	0,111	FALSE
-0,213	0,284	-0,007	0,010	0,328	FALSE
-0,235	0,272	-0,008	0,010	0,346	FALSE
0,097	0,292	0,003	0,010	0,139	FALSE
0,054	0,293	0,002	0,013	0,065	FALSE
0,142	0,289	0,012	0,018	0,305	FALSE
0,064	0,286	0,002	0,011	0,088	FALSE

-0,061	0,292	-0,005	0,014	0,152	FALSE
-0,061	0,278	-0,001	0,009	0,059	FALSE
0,013	0,275	-0,002	0,014	0,050	FALSE
-0,185	0,286	-0,004	0,010	0,181	FALSE
-0,088	0,269	-0,005	0,016	0,110	FALSE
-0,066	0,277	-0,003	0,015	0,083	FALSE
-0,116	0,283	-0,004	0,010	0,171	FALSE
0,000	0,288	0,001	0,014	0,025	FALSE
-0,019	0,289	-0,001	0,014	0,015	FALSE
-0,048	0,281	-0,002	0,015	0,055	FALSE
-0,018	0,284	-0,001	0,017	0,020	FALSE
0,124	0,276	0,007	0,017	0,181	FALSE
-0,062	0,290	-0,002	0,012	0,067	FALSE
-0,020	0,307	0,000	0,011	0,009	FALSE
-0,153	0,283	-0,004	0,008	0,216	FALSE
0,149	0,304	0,007	0,015	0,195	FALSE
0,175	0,274	0,007	0,012	0,255	FALSE
0,167	0,278	0,010	0,016	0,263	FALSE
0,080	0,288	0,003	0,011	0,092	FALSE
-0,103	0,282	-0,003	0,012	0,083	FALSE
-0,007	0,281	0,000	0,016	0,007	FALSE
-0,020	0,285	0,000	0,010	0,011	FALSE
-0,156	0,285	-0,004	0,009	0,179	FALSE
-0,116	0,292	-0,003	0,013	0,097	FALSE
-0,148	0,281	-0,005	0,011	0,176	FALSE
0,123	0,265	0,006	0,012	0,205	FALSE
-0,032	0,293	-0,003	0,015	0,074	FALSE
0,045	0,279	0,004	0,015	0,098	FALSE
-0,042	0,273	-0,002	0,008	0,118	FALSE
-0,094	0,306	-0,003	0,012	0,112	FALSE
-0,017	0,290	-0,001	0,009	0,029	FALSE
0,028	0,275	-0,001	0,009	0,048	FALSE
0,002	0,285	0,001	0,009	0,023	FALSE
0,203	0,268	0,009	0,013	0,326	FALSE
0,113	0,280	0,003	0,013	0,094	FALSE
-0,121	0,279	-0,005	0,013	0,162	FALSE
-0,095	0,289	-0,005	0,012	0,163	FALSE
0,092	0,291	0,004	0,011	0,123	FALSE
-0,015	0,278	0,001	0,015	0,026	FALSE
-0,156	0,280	-0,009	0,017	0,222	FALSE
-0,074	0,279	-0,006	0,015	0,168	FALSE
-0,060	0,274	-0,004	0,009	0,152	FALSE
-0,062	0,275	-0,006	0,014	0,166	FALSE
-0,005	0,289	0,000	0,010	0,002	FALSE
0,057	0,285	0,000	0,009	0,001	FALSE
0,053	0,290	0,001	0,009	0,063	FALSE
0,086	0,293	0,004	0,011	0,126	FALSE
-0,012	0,271	0,002	0,012	0,055	FALSE
0,129	0,268	0,003	0,009	0,124	FALSE
-0,121	0,278	-0,008	0,017	0,205	FALSE
-0,119	0,276	-0,008	0,018	0,191	FALSE
0,060	0,289	0,002	0,010	0,096	FALSE
0,137	0,287	0,006	0,012	0,227	FALSE

-0,097	0,290	-0,003	0,012	0,113	FALSE
-0,081	0,274	-0,002	0,012	0,051	FALSE
-0,173	0,283	-0,004	0,009	0,212	FALSE
-0,012	0,285	0,000	0,009	0,005	FALSE
-0,061	0,281	-0,001	0,009	0,038	FALSE
-0,050	0,293	-0,003	0,013	0,075	FALSE
-0,290	0,271	-0,017	0,018	0,490	FALSE
-0,029	0,290	-0,002	0,013	0,065	FALSE
0,086	0,272	0,002	0,009	0,101	FALSE
-0,023	0,300	0,000	0,009	0,012	FALSE
0,012	0,274	0,002	0,010	0,081	FALSE
-0,161	0,292	-0,008	0,013	0,259	FALSE
0,131	0,287	0,006	0,013	0,204	FALSE
-0,170	0,293	-0,009	0,018	0,226	FALSE
-0,014	0,295	0,000	0,010	0,002	FALSE
-0,059	0,292	-0,001	0,011	0,045	FALSE
0,153	0,272	0,005	0,013	0,169	FALSE
-0,028	0,287	-0,001	0,014	0,021	FALSE
-0,186	0,278	-0,004	0,009	0,197	FALSE
-0,064	0,281	-0,005	0,017	0,115	FALSE
-0,070	0,281	-0,005	0,017	0,126	FALSE
0,053	0,283	0,003	0,014	0,074	FALSE
0,087	0,282	0,007	0,017	0,159	FALSE
-0,061	0,287	-0,004	0,014	0,095	FALSE
-0,169	0,289	-0,005	0,012	0,175	FALSE
0,034	0,290	0,002	0,010	0,057	FALSE
0,168	0,273	0,007	0,012	0,243	FALSE
0,068	0,294	0,002	0,009	0,087	FALSE
0,066	0,279	0,004	0,017	0,084	FALSE
0,153	0,284	0,007	0,017	0,170	FALSE
0,162	0,278	0,007	0,016	0,186	FALSE
0,002	0,289	0,001	0,009	0,049	FALSE
0,144	0,278	0,005	0,012	0,179	FALSE
0,200	0,268	0,005	0,010	0,224	FALSE
-0,135	0,292	-0,007	0,012	0,256	FALSE
-0,025	0,276	-0,002	0,010	0,078	FALSE
0,138	0,294	0,007	0,013	0,211	FALSE
-0,071	0,265	-0,004	0,014	0,120	FALSE
-0,021	0,269	-0,002	0,017	0,052	FALSE
0,051	0,265	0,001	0,009	0,026	FALSE
0,044	0,267	0,001	0,010	0,044	FALSE
0,149	0,285	0,006	0,013	0,197	FALSE
0,049	0,283	0,001	0,017	0,016	FALSE
-0,024	0,285	-0,002	0,013	0,060	FALSE
-0,065	0,284	-0,004	0,016	0,105	FALSE
0,014	0,288	-0,001	0,016	0,013	FALSE
-0,101	0,284	-0,003	0,011	0,104	FALSE
-0,096	0,278	-0,003	0,012	0,102	FALSE
-0,054	0,297	-0,003	0,013	0,100	FALSE
-0,006	0,264	0,000	0,009	0,011	FALSE
0,044	0,283	0,000	0,013	0,008	FALSE
-0,026	0,273	0,000	0,009	0,005	FALSE
-0,038	0,280	-0,002	0,014	0,055	FALSE

-0,135	0,278	-0,004	0,009	0,179	FALSE
-0,031	0,274	-0,002	0,012	0,046	FALSE
-0,047	0,297	-0,003	0,012	0,080	FALSE
-0,114	0,296	-0,006	0,015	0,155	FALSE
-0,087	0,278	-0,003	0,016	0,067	FALSE
-0,095	0,288	-0,004	0,017	0,076	FALSE
0,089	0,286	0,003	0,011	0,095	FALSE
-0,039	0,306	-0,002	0,019	0,037	FALSE
-0,211	0,281	-0,006	0,010	0,258	FALSE
0,117	0,286	0,003	0,010	0,119	FALSE
0,199	0,282	0,006	0,009	0,320	FALSE
0,019	0,272	0,002	0,012	0,054	FALSE
0,073	0,289	0,004	0,013	0,131	FALSE
0,177	0,274	0,005	0,009	0,222	FALSE
0,006	0,277	0,001	0,013	0,034	FALSE
-0,243	0,281	-0,014	0,016	0,407	FALSE
0,065	0,290	0,002	0,011	0,061	FALSE
0,037	0,278	0,003	0,011	0,123	FALSE
-0,128	0,267	-0,004	0,013	0,106	FALSE
0,144	0,284	0,005	0,014	0,152	FALSE
-0,148	0,283	-0,005	0,011	0,209	FALSE
0,271	0,270	0,008	0,010	0,383	FALSE
0,131	0,293	0,005	0,010	0,202	FALSE
0,067	0,284	0,003	0,015	0,090	FALSE
-0,009	0,281	-0,002	0,016	0,051	FALSE
0,158	0,282	0,005	0,010	0,215	FALSE
-0,129	0,282	-0,005	0,010	0,211	FALSE
-0,127	0,295	-0,005	0,011	0,173	FALSE
-0,017	0,294	-0,001	0,010	0,049	FALSE
-0,136	0,279	-0,004	0,011	0,130	FALSE
0,019	0,284	0,001	0,011	0,040	FALSE
0,033	0,269	0,003	0,010	0,100	FALSE
0,116	0,254	0,002	0,011	0,075	FALSE
0,028	0,277	-0,001	0,015	0,026	FALSE
-0,019	0,282	0,000	0,013	0,003	FALSE
-0,012	0,281	-0,003	0,014	0,087	FALSE
0,022	0,278	0,000	0,012	0,002	FALSE
0,200	0,271	0,009	0,015	0,256	FALSE
0,062	0,279	0,000	0,012	0,004	FALSE
0,054	0,269	0,003	0,017	0,070	FALSE
0,058	0,286	0,002	0,016	0,051	FALSE
0,077	0,298	0,003	0,015	0,084	FALSE
-0,054	0,289	-0,002	0,010	0,077	FALSE
-0,002	0,270	0,001	0,016	0,020	FALSE
0,004	0,278	0,000	0,010	0,008	FALSE
-0,016	0,276	-0,001	0,017	0,029	FALSE
-0,110	0,288	-0,003	0,012	0,099	FALSE
-0,088	0,295	-0,002	0,012	0,076	FALSE
-0,052	0,278	-0,002	0,009	0,060	FALSE
-0,098	0,291	-0,005	0,017	0,123	FALSE
0,099	0,275	0,005	0,010	0,184	FALSE
0,162	0,268	0,007	0,011	0,273	FALSE
0,125	0,268	0,005	0,010	0,227	FALSE

0,046	0,270	0,001	0,011	0,018	FALSE
0,106	0,299	0,004	0,017	0,089	FALSE
0,042	0,303	0,001	0,018	0,025	FALSE
-0,040	0,279	-0,003	0,016	0,064	FALSE
-0,013	0,293	-0,002	0,017	0,038	FALSE
0,126	0,273	0,005	0,009	0,219	FALSE
0,126	0,280	0,003	0,009	0,126	FALSE
0,006	0,283	-0,001	0,017	0,012	FALSE
0,046	0,291	0,000	0,013	0,000	FALSE
-0,082	0,281	-0,002	0,010	0,084	FALSE
0,257	0,273	0,013	0,014	0,433	FALSE
-0,056	0,285	0,000	0,009	0,007	FALSE
0,158	0,278	0,008	0,014	0,226	FALSE
0,114	0,293	0,003	0,008	0,140	FALSE
0,069	0,282	0,003	0,016	0,078	FALSE
-0,086	0,280	-0,002	0,009	0,067	FALSE
-0,174	0,287	-0,006	0,012	0,219	FALSE
0,087	0,289	0,003	0,010	0,119	FALSE
0,114	0,276	0,004	0,010	0,160	FALSE
0,127	0,277	0,004	0,009	0,164	FALSE
0,149	0,267	0,007	0,011	0,272	FALSE
0,052	0,282	0,002	0,015	0,056	FALSE
0,108	0,292	0,004	0,009	0,161	FALSE
-0,047	0,296	-0,002	0,012	0,045	FALSE
-0,003	0,266	-0,001	0,010	0,036	FALSE
-0,049	0,268	-0,001	0,008	0,067	FALSE
-0,116	0,280	-0,004	0,009	0,166	FALSE
-0,066	0,278	-0,002	0,008	0,074	FALSE
0,304	0,260	0,010	0,010	0,466	FALSE
0,059	0,283	0,001	0,010	0,025	FALSE
-0,076	0,284	-0,003	0,013	0,071	FALSE
-0,058	0,282	-0,003	0,009	0,126	FALSE
0,140	0,268	0,006	0,010	0,244	FALSE
-0,174	0,269	-0,008	0,011	0,341	FALSE
-0,083	0,284	-0,001	0,009	0,046	FALSE
-0,014	0,271	-0,003	0,016	0,073	FALSE
-0,025	0,272	0,000	0,011	0,006	FALSE
-0,167	0,278	-0,007	0,014	0,207	FALSE
-0,044	0,271	-0,001	0,017	0,020	FALSE
0,075	0,280	0,003	0,009	0,128	FALSE
0,040	0,278	0,001	0,010	0,050	FALSE
-0,009	0,282	0,000	0,009	0,005	FALSE
-0,106	0,282	-0,004	0,013	0,122	FALSE
-0,177	0,282	-0,010	0,016	0,279	FALSE
-0,034	0,273	-0,001	0,016	0,020	FALSE
-0,083	0,280	-0,006	0,018	0,141	FALSE
-0,116	0,293	-0,002	0,009	0,094	FALSE
-0,065	0,285	-0,001	0,008	0,038	FALSE
-0,195	0,266	-0,009	0,015	0,276	FALSE
0,014	0,268	0,001	0,017	0,016	FALSE
-0,049	0,278	-0,001	0,009	0,059	FALSE
0,116	0,279	0,007	0,017	0,168	FALSE
-0,199	0,288	-0,008	0,014	0,244	FALSE

0,047	0,274	0,002	0,009	0,067	FALSE
-0,250	0,266	-0,013	0,013	0,503	FALSE
0,033	0,280	-0,003	0,017	0,056	FALSE
0,007	0,284	0,002	0,012	0,060	FALSE
0,012	0,297	-0,001	0,016	0,029	FALSE
0,094	0,271	0,002	0,008	0,093	FALSE
-0,057	0,294	-0,003	0,016	0,071	FALSE
0,026	0,285	0,001	0,017	0,023	FALSE
0,082	0,286	0,005	0,013	0,141	FALSE
0,075	0,285	0,004	0,017	0,089	FALSE
0,016	0,292	0,002	0,011	0,066	FALSE
-0,019	0,276	-0,002	0,010	0,073	FALSE
-0,027	0,287	-0,001	0,018	0,024	FALSE
-0,024	0,283	-0,001	0,017	0,014	FALSE
0,063	0,272	0,004	0,015	0,095	FALSE
0,056	0,281	0,004	0,012	0,137	FALSE
0,140	0,282	0,006	0,012	0,194	FALSE
-0,065	0,278	-0,003	0,009	0,127	FALSE
0,135	0,278	0,007	0,012	0,235	FALSE
-0,059	0,283	0,000	0,009	0,019	FALSE
-0,097	0,289	-0,002	0,010	0,079	FALSE
-0,045	0,263	-0,003	0,014	0,081	FALSE
0,031	0,300	0,000	0,011	0,001	FALSE
0,015	0,281	0,002	0,016	0,038	FALSE
0,065	0,287	0,005	0,017	0,121	FALSE
-0,046	0,275	-0,001	0,013	0,017	FALSE
-0,074	0,295	-0,003	0,014	0,073	FALSE
0,074	0,281	0,004	0,017	0,092	FALSE
0,015	0,275	0,000	0,010	0,000	FALSE
-0,027	0,271	-0,002	0,013	0,054	FALSE
0,059	0,264	0,001	0,013	0,022	FALSE
0,010	0,281	0,001	0,008	0,046	FALSE
0,045	0,279	0,001	0,013	0,024	FALSE
-0,022	0,292	0,000	0,010	0,008	FALSE
0,026	0,278	0,004	0,017	0,102	FALSE
-0,027	0,287	0,001	0,016	0,026	FALSE
-0,087	0,285	-0,005	0,016	0,111	FALSE
-0,139	0,279	-0,008	0,016	0,206	FALSE
0,165	0,286	0,009	0,016	0,235	FALSE
0,007	0,284	-0,001	0,017	0,011	FALSE
0,021	0,290	0,000	0,009	0,015	FALSE
0,122	0,281	0,004	0,008	0,185	FALSE
-0,029	0,275	-0,002	0,014	0,056	FALSE
0,072	0,275	0,002	0,013	0,055	FALSE
-0,072	0,284	-0,004	0,016	0,085	FALSE
-0,073	0,277	-0,002	0,011	0,075	FALSE
-0,214	0,278	-0,008	0,010	0,337	FALSE
-0,073	0,287	-0,006	0,016	0,133	FALSE
-0,090	0,291	-0,002	0,015	0,061	FALSE
-0,104	0,276	-0,004	0,009	0,162	FALSE
0,157	0,259	0,005	0,009	0,226	FALSE
-0,021	0,282	-0,001	0,009	0,031	FALSE
0,225	0,271	0,008	0,013	0,286	FALSE

-0,051	0,270	-0,001	0,016	0,030	FALSE
0,071	0,292	0,002	0,012	0,070	FALSE
0,097	0,266	0,007	0,017	0,176	FALSE
-0,157	0,280	-0,011	0,018	0,268	FALSE
0,162	0,268	0,006	0,013	0,168	FALSE
-0,118	0,276	-0,004	0,015	0,097	FALSE
-0,129	0,279	-0,005	0,009	0,212	FALSE
0,022	0,270	-0,002	0,012	0,077	FALSE
0,025	0,269	0,000	0,015	0,010	FALSE
0,016	0,290	0,002	0,015	0,061	FALSE
-0,004	0,269	0,003	0,016	0,081	FALSE
0,050	0,291	0,001	0,012	0,035	FALSE
0,116	0,287	0,007	0,015	0,186	FALSE
-0,106	0,279	-0,009	0,017	0,218	FALSE
-0,047	0,289	-0,004	0,015	0,093	FALSE
0,060	0,293	0,004	0,014	0,108	FALSE
0,024	0,280	0,002	0,012	0,053	FALSE
0,099	0,279	0,004	0,011	0,129	FALSE
0,063	0,288	0,000	0,014	0,001	FALSE
0,134	0,281	0,005	0,011	0,182	FALSE
-0,022	0,281	-0,001	0,013	0,031	FALSE
-0,182	0,285	-0,007	0,010	0,283	FALSE
0,201	0,271	0,008	0,016	0,224	FALSE
-0,159	0,279	-0,004	0,010	0,142	FALSE
-0,185	0,282	-0,006	0,011	0,226	FALSE
0,056	0,300	0,002	0,010	0,082	FALSE
-0,074	0,289	-0,004	0,016	0,093	FALSE
0,011	0,279	-0,002	0,012	0,057	FALSE
-0,016	0,259	-0,001	0,012	0,044	FALSE
-0,187	0,291	-0,009	0,014	0,295	FALSE
-0,029	0,296	-0,002	0,012	0,048	FALSE
0,101	0,278	0,004	0,013	0,133	FALSE
0,175	0,262	0,005	0,010	0,233	FALSE
0,037	0,285	0,000	0,016	0,006	FALSE
-0,065	0,289	-0,004	0,016	0,106	FALSE
0,181	0,269	0,008	0,014	0,265	FALSE
0,013	0,292	0,001	0,012	0,019	FALSE
-0,045	0,276	-0,005	0,018	0,112	FALSE
0,024	0,257	0,000	0,016	0,005	FALSE
0,159	0,276	0,008	0,016	0,217	FALSE
0,188	0,258	0,006	0,015	0,172	FALSE
0,037	0,288	-0,002	0,016	0,041	FALSE
0,200	0,281	0,008	0,012	0,298	FALSE
-0,028	0,268	-0,001	0,013	0,030	FALSE
-0,112	0,288	-0,005	0,012	0,151	FALSE
-0,112	0,279	-0,005	0,013	0,168	FALSE
-0,067	0,277	-0,004	0,016	0,090	FALSE
-0,085	0,283	-0,006	0,017	0,139	FALSE
-0,044	0,283	-0,001	0,012	0,025	FALSE
-0,064	0,289	-0,003	0,016	0,060	FALSE
-0,030	0,296	-0,002	0,014	0,043	FALSE
0,152	0,287	0,004	0,010	0,162	FALSE
-0,038	0,277	-0,002	0,013	0,052	FALSE

-0,029	0,301	0,001	0,017	0,021	FALSE
-0,109	0,283	-0,003	0,016	0,065	FALSE
0,152	0,271	0,008	0,013	0,270	FALSE
0,096	0,293	0,002	0,009	0,096	FALSE
0,132	0,270	0,006	0,012	0,210	FALSE
0,026	0,275	0,001	0,011	0,046	FALSE
0,144	0,288	0,008	0,015	0,210	FALSE
-0,196	0,280	-0,005	0,010	0,238	FALSE
-0,049	0,274	-0,002	0,012	0,076	FALSE
-0,022	0,271	0,000	0,011	0,009	FALSE
0,044	0,283	0,001	0,009	0,056	FALSE
0,082	0,282	0,004	0,015	0,109	FALSE
-0,051	0,288	-0,004	0,017	0,086	FALSE
0,047	0,285	0,001	0,010	0,037	FALSE
0,043	0,288	0,002	0,010	0,068	FALSE
0,120	0,275	0,005	0,010	0,187	FALSE
0,104	0,279	0,002	0,010	0,096	FALSE
-0,189	0,279	-0,006	0,010	0,273	FALSE
0,157	0,271	0,004	0,016	0,101	FALSE
0,125	0,260	0,003	0,010	0,144	FALSE
-0,052	0,296	-0,001	0,011	0,031	FALSE
0,012	0,280	-0,002	0,010	0,057	FALSE
0,053	0,268	0,004	0,008	0,172	FALSE
-0,101	0,268	-0,005	0,016	0,114	FALSE
0,068	0,286	0,002	0,010	0,092	FALSE
-0,198	0,271	-0,008	0,012	0,281	FALSE
0,059	0,284	0,001	0,011	0,051	FALSE
-0,008	0,284	-0,001	0,011	0,025	FALSE
0,151	0,266	0,007	0,012	0,250	FALSE
0,013	0,286	0,000	0,011	0,011	FALSE
-0,001	0,283	-0,001	0,011	0,031	FALSE
0,163	0,267	0,008	0,017	0,188	FALSE
-0,096	0,274	-0,003	0,013	0,079	FALSE
0,003	0,277	-0,001	0,012	0,026	FALSE
-0,139	0,286	-0,007	0,018	0,170	FALSE
0,071	0,288	0,005	0,015	0,125	FALSE
-0,095	0,292	-0,003	0,009	0,143	FALSE
0,124	0,287	0,005	0,014	0,132	FALSE
-0,103	0,277	-0,004	0,017	0,097	FALSE
-0,018	0,285	-0,001	0,009	0,032	FALSE
0,104	0,289	0,004	0,011	0,122	FALSE
0,057	0,282	0,004	0,016	0,083	FALSE
0,163	0,276	0,008	0,014	0,229	FALSE
-0,036	0,279	-0,003	0,009	0,123	FALSE
0,021	0,280	0,000	0,009	0,011	FALSE
0,066	0,284	0,002	0,017	0,049	FALSE
-0,031	0,288	0,000	0,012	0,006	FALSE
-0,213	0,278	-0,007	0,010	0,303	FALSE
-0,242	0,278	-0,007	0,010	0,337	FALSE
-0,039	0,297	-0,003	0,014	0,086	FALSE
0,127	0,280	0,006	0,016	0,156	FALSE
-0,247	0,266	-0,013	0,016	0,387	FALSE
-0,072	0,294	-0,003	0,014	0,085	FALSE

-0,140	0,283	-0,006	0,012	0,224	FALSE
0,070	0,295	0,004	0,015	0,095	FALSE
0,222	0,274	0,008	0,010	0,332	FALSE
0,129	0,278	0,004	0,009	0,184	FALSE
0,010	0,279	-0,001	0,013	0,026	FALSE
-0,031	0,286	0,000	0,017	0,000	FALSE
-0,042	0,273	-0,001	0,010	0,023	FALSE
0,039	0,291	0,000	0,010	0,010	FALSE
-0,056	0,277	0,000	0,009	0,011	FALSE
-0,246	0,273	-0,007	0,010	0,324	FALSE
-0,165	0,295	-0,005	0,010	0,212	FALSE
0,028	0,281	-0,001	0,014	0,021	FALSE
0,101	0,283	0,004	0,010	0,155	FALSE
0,148	0,275	0,007	0,017	0,160	FALSE
0,105	0,252	0,002	0,010	0,080	FALSE
0,204	0,274	0,006	0,009	0,289	FALSE
0,013	0,284	0,001	0,017	0,023	FALSE
0,021	0,292	0,001	0,012	0,028	FALSE
-0,316	0,279	-0,012	0,011	0,547	FALSE
0,072	0,288	0,001	0,013	0,023	FALSE
-0,211	0,282	-0,010	0,015	0,288	FALSE
0,108	0,248	0,004	0,011	0,145	FALSE
0,104	0,279	0,003	0,013	0,101	FALSE
-0,064	0,275	-0,003	0,010	0,135	FALSE
-0,077	0,289	-0,002	0,010	0,077	FALSE
-0,003	0,288	0,000	0,011	0,001	FALSE
-0,060	0,289	0,000	0,009	0,003	FALSE
0,033	0,279	0,001	0,009	0,056	FALSE
0,056	0,280	0,002	0,014	0,063	FALSE
0,073	0,277	0,002	0,009	0,106	FALSE
0,040	0,274	-0,001	0,015	0,032	FALSE
-0,035	0,293	-0,002	0,011	0,057	FALSE
0,142	0,279	0,007	0,015	0,188	FALSE
0,083	0,295	0,004	0,011	0,129	FALSE
0,104	0,285	0,006	0,016	0,159	FALSE
-0,032	0,293	0,001	0,017	0,030	FALSE
-0,115	0,293	-0,005	0,013	0,132	FALSE
-0,100	0,302	-0,002	0,010	0,073	FALSE
0,016	0,290	0,001	0,010	0,035	FALSE
0,321	0,257	0,017	0,017	0,505	FALSE
-0,087	0,297	-0,003	0,010	0,124	FALSE
-0,031	0,279	-0,002	0,015	0,042	FALSE
-0,034	0,286	-0,001	0,017	0,016	FALSE
-0,001	0,282	-0,002	0,012	0,061	FALSE
0,056	0,286	0,001	0,010	0,024	FALSE
0,068	0,280	0,003	0,011	0,098	FALSE
0,009	0,293	0,000	0,012	0,006	FALSE
-0,026	0,286	0,001	0,008	0,023	FALSE
0,030	0,276	0,001	0,013	0,035	FALSE
-0,103	0,299	-0,003	0,009	0,123	FALSE
-0,102	0,298	-0,005	0,018	0,107	FALSE
0,097	0,284	0,001	0,013	0,033	FALSE
-0,083	0,277	-0,003	0,011	0,115	FALSE

0,037	0,282	0,002	0,010	0,072	FALSE
-0,244	0,275	-0,014	0,014	0,467	FALSE
0,003	0,277	0,002	0,018	0,044	FALSE
0,014	0,266	0,003	0,017	0,071	FALSE
0,019	0,272	0,004	0,017	0,082	FALSE
0,025	0,270	0,001	0,009	0,055	FALSE
0,014	0,291	0,001	0,012	0,015	FALSE
0,051	0,284	0,001	0,013	0,035	FALSE
-0,115	0,287	-0,004	0,014	0,102	FALSE
0,140	0,288	0,009	0,018	0,222	FALSE
0,041	0,268	0,002	0,012	0,055	FALSE
0,080	0,265	0,003	0,016	0,069	FALSE
0,226	0,278	0,011	0,017	0,289	FALSE
0,220	0,266	0,009	0,015	0,249	FALSE
-0,008	0,282	0,001	0,016	0,023	FALSE
-0,160	0,289	-0,010	0,018	0,243	FALSE
-0,124	0,275	-0,006	0,017	0,132	FALSE
-0,181	0,273	-0,006	0,010	0,254	FALSE
-0,195	0,280	-0,006	0,010	0,289	FALSE
0,097	0,283	0,005	0,017	0,114	FALSE
0,139	0,246	0,005	0,014	0,157	FALSE
-0,124	0,279	-0,007	0,018	0,165	FALSE
-0,017	0,286	0,000	0,009	0,012	FALSE
-0,085	0,295	-0,002	0,013	0,068	FALSE
0,166	0,281	0,007	0,012	0,253	FALSE
0,031	0,296	0,004	0,013	0,103	FALSE
-0,165	0,278	-0,010	0,017	0,266	FALSE
0,277	0,257	0,008	0,009	0,437	FALSE
-0,158	0,284	-0,006	0,010	0,276	FALSE
0,028	0,286	0,002	0,013	0,049	FALSE
-0,027	0,290	0,001	0,013	0,019	FALSE
0,167	0,283	0,009	0,015	0,264	FALSE
0,013	0,288	0,000	0,009	0,006	FALSE
0,152	0,277	0,007	0,015	0,188	FALSE
-0,101	0,286	-0,004	0,010	0,156	FALSE
0,058	0,288	0,003	0,009	0,131	FALSE
0,041	0,277	0,002	0,010	0,071	FALSE
-0,056	0,285	-0,004	0,016	0,101	FALSE
0,030	0,286	-0,001	0,011	0,024	FALSE
-0,157	0,282	-0,004	0,012	0,146	FALSE
0,016	0,283	0,000	0,009	0,012	FALSE
0,001	0,278	0,003	0,017	0,074	FALSE
-0,083	0,273	-0,002	0,018	0,048	FALSE
-0,110	0,274	-0,004	0,018	0,095	FALSE
-0,063	0,277	-0,003	0,016	0,064	FALSE
-0,056	0,280	-0,002	0,015	0,052	FALSE
-0,060	0,280	0,000	0,011	0,014	FALSE
0,109	0,283	0,003	0,016	0,078	FALSE
-0,024	0,296	-0,002	0,015	0,042	FALSE
-0,013	0,267	0,001	0,015	0,027	FALSE
-0,088	0,279	-0,004	0,017	0,100	FALSE
0,000	0,288	-0,001	0,012	0,029	FALSE
-0,164	0,278	-0,006	0,010	0,241	FALSE

-0,069	0,286	-0,005	0,016	0,125	FALSE
0,040	0,293	0,000	0,015	0,007	FALSE
-0,099	0,283	-0,004	0,010	0,180	FALSE
-0,176	0,283	-0,004	0,010	0,167	FALSE
-0,084	0,296	-0,003	0,017	0,055	FALSE
-0,033	0,292	0,000	0,010	0,006	FALSE
-0,106	0,279	-0,002	0,012	0,064	FALSE
-0,029	0,285	-0,001	0,018	0,014	FALSE
-0,002	0,280	0,003	0,017	0,060	FALSE
-0,128	0,287	-0,004	0,009	0,186	FALSE
0,106	0,268	0,004	0,013	0,130	FALSE
0,165	0,279	0,007	0,010	0,301	FALSE
-0,160	0,289	-0,007	0,015	0,189	FALSE
-0,031	0,283	-0,002	0,012	0,063	FALSE
0,027	0,286	0,003	0,017	0,069	FALSE
0,252	0,259	0,015	0,016	0,465	FALSE
0,068	0,281	0,003	0,017	0,062	FALSE
0,032	0,261	0,000	0,012	0,002	FALSE
0,048	0,291	0,001	0,013	0,024	FALSE
-0,033	0,287	-0,001	0,012	0,040	FALSE
0,003	0,274	0,001	0,012	0,018	FALSE
0,014	0,283	0,001	0,014	0,017	FALSE
-0,042	0,290	0,000	0,016	0,010	FALSE
0,037	0,278	0,001	0,015	0,020	FALSE
-0,164	0,284	-0,006	0,011	0,227	FALSE
0,120	0,265	0,006	0,012	0,238	FALSE
0,207	0,277	0,007	0,009	0,340	FALSE
-0,025	0,276	0,000	0,011	0,001	FALSE
0,001	0,286	-0,001	0,009	0,021	FALSE
0,012	0,289	-0,001	0,015	0,030	FALSE
0,070	0,266	0,002	0,009	0,105	FALSE
-0,001	0,278	0,000	0,010	0,011	FALSE
0,130	0,295	0,006	0,013	0,183	FALSE
0,136	0,288	0,006	0,013	0,184	FALSE
-0,071	0,286	0,000	0,010	0,002	FALSE
0,150	0,268	0,005	0,009	0,251	FALSE
0,027	0,295	0,000	0,016	0,010	FALSE
0,109	0,286	0,005	0,018	0,101	FALSE
-0,176	0,276	-0,005	0,009	0,236	FALSE
-0,033	0,280	-0,001	0,013	0,031	FALSE
0,012	0,281	0,002	0,012	0,056	FALSE
-0,031	0,297	0,000	0,011	0,004	FALSE
-0,131	0,276	-0,006	0,017	0,148	FALSE
-0,026	0,277	0,000	0,013	0,007	FALSE
-0,048	0,277	-0,002	0,010	0,095	FALSE
-0,028	0,270	-0,003	0,016	0,067	FALSE
0,063	0,289	0,001	0,009	0,059	FALSE
0,032	0,283	0,004	0,017	0,079	FALSE
-0,032	0,275	-0,001	0,008	0,028	FALSE
0,043	0,286	0,001	0,017	0,019	FALSE
0,058	0,280	0,002	0,010	0,068	FALSE
0,007	0,270	0,000	0,011	0,006	FALSE
-0,015	0,280	0,000	0,008	0,007	FALSE

-0,038	0,276	-0,003	0,012	0,079	FALSE
0,203	0,261	0,007	0,012	0,247	FALSE
-0,183	0,289	-0,006	0,009	0,323	FALSE
0,015	0,282	0,002	0,010	0,088	FALSE
-0,134	0,284	-0,006	0,016	0,159	FALSE
-0,028	0,293	-0,001	0,010	0,035	FALSE
0,026	0,284	0,001	0,010	0,050	FALSE
0,119	0,295	0,006	0,013	0,171	FALSE
-0,015	0,283	-0,002	0,013	0,062	FALSE
0,012	0,296	0,001	0,013	0,033	FALSE
0,076	0,295	0,005	0,015	0,120	FALSE
-0,112	0,282	-0,004	0,009	0,162	FALSE
0,002	0,300	0,001	0,012	0,023	FALSE
0,012	0,274	0,003	0,014	0,076	FALSE
-0,048	0,286	-0,001	0,009	0,040	FALSE
0,072	0,265	0,003	0,011	0,115	FALSE
0,016	0,269	0,001	0,017	0,015	FALSE
0,082	0,269	0,003	0,011	0,115	FALSE
-0,048	0,282	-0,001	0,012	0,039	FALSE
-0,054	0,283	-0,003	0,017	0,079	FALSE
0,004	0,276	0,001	0,009	0,023	FALSE
0,004	0,276	0,000	0,010	0,017	FALSE
-0,098	0,284	-0,004	0,014	0,115	FALSE
0,056	0,290	0,003	0,018	0,052	FALSE
0,002	0,274	0,000	0,011	0,007	FALSE
-0,070	0,298	-0,002	0,009	0,098	FALSE
0,029	0,276	0,000	0,008	0,011	FALSE
-0,032	0,265	0,000	0,014	0,005	FALSE
0,110	0,276	0,005	0,009	0,209	FALSE
0,105	0,295	0,003	0,010	0,112	FALSE
-0,134	0,284	-0,004	0,011	0,153	FALSE
-0,106	0,291	-0,002	0,009	0,093	FALSE
-0,129	0,276	-0,005	0,012	0,168	FALSE
-0,003	0,279	-0,001	0,010	0,021	FALSE
0,018	0,287	0,001	0,010	0,019	FALSE
-0,177	0,268	-0,005	0,012	0,184	FALSE
-0,092	0,287	-0,007	0,018	0,158	FALSE
-0,090	0,282	-0,003	0,010	0,137	FALSE
0,041	0,297	0,002	0,014	0,047	FALSE
0,018	0,268	0,001	0,014	0,025	FALSE
-0,149	0,283	-0,004	0,008	0,170	FALSE
0,172	0,280	0,008	0,014	0,261	FALSE
-0,102	0,281	-0,004	0,010	0,152	FALSE
0,027	0,290	0,003	0,013	0,077	FALSE
-0,102	0,285	-0,003	0,016	0,059	FALSE
0,025	0,282	0,002	0,018	0,031	FALSE
0,002	0,291	0,000	0,013	0,001	FALSE
-0,113	0,288	-0,005	0,018	0,116	FALSE
-0,117	0,282	-0,005	0,018	0,112	FALSE
0,001	0,282	-0,001	0,009	0,020	FALSE
0,049	0,299	0,003	0,012	0,103	FALSE
-0,150	0,287	-0,003	0,010	0,116	FALSE
0,142	0,273	0,005	0,011	0,187	FALSE

-0,045	0,288	-0,002	0,015	0,048	FALSE
-0,057	0,297	-0,003	0,013	0,090	FALSE
-0,046	0,293	-0,003	0,012	0,107	FALSE
0,038	0,282	0,000	0,011	0,000	FALSE
0,168	0,270	0,006	0,009	0,285	FALSE
0,046	0,270	0,004	0,016	0,109	FALSE
0,045	0,284	0,002	0,010	0,066	FALSE
-0,089	0,277	-0,008	0,016	0,210	FALSE
-0,079	0,290	-0,004	0,015	0,107	FALSE
-0,033	0,272	-0,002	0,008	0,081	FALSE
-0,141	0,295	-0,005	0,011	0,175	FALSE
-0,177	0,296	-0,005	0,010	0,206	FALSE
0,151	0,275	0,009	0,016	0,229	FALSE
0,175	0,278	0,004	0,009	0,199	FALSE
0,065	0,281	0,002	0,011	0,069	FALSE
-0,038	0,296	0,000	0,009	0,000	FALSE
0,096	0,286	0,008	0,017	0,180	FALSE
-0,030	0,269	-0,005	0,016	0,119	FALSE
-0,002	0,285	-0,001	0,009	0,046	FALSE
-0,081	0,289	-0,006	0,016	0,154	FALSE
0,157	0,275	0,006	0,008	0,307	FALSE
0,204	0,274	0,010	0,017	0,259	FALSE
-0,162	0,271	-0,011	0,015	0,325	FALSE
-0,129	0,289	-0,003	0,010	0,098	FALSE
-0,010	0,287	-0,001	0,015	0,018	FALSE
0,108	0,286	0,007	0,014	0,191	FALSE
0,161	0,282	0,009	0,016	0,232	FALSE
0,026	0,259	0,002	0,015	0,053	FALSE
-0,004	0,289	-0,001	0,009	0,024	FALSE
0,150	0,261	0,004	0,014	0,123	FALSE
0,195	0,263	0,007	0,014	0,216	FALSE
0,136	0,275	0,010	0,015	0,281	FALSE
0,038	0,279	0,001	0,015	0,033	FALSE
-0,059	0,286	-0,002	0,017	0,050	FALSE
-0,062	0,300	-0,004	0,012	0,118	FALSE
0,005	0,282	0,001	0,016	0,014	FALSE
0,083	0,275	0,005	0,016	0,117	FALSE
0,049	0,277	0,002	0,010	0,065	FALSE
-0,148	0,297	-0,006	0,012	0,208	FALSE
0,012	0,276	-0,002	0,014	0,065	FALSE
0,076	0,283	0,001	0,014	0,020	FALSE
-0,164	0,281	-0,004	0,012	0,138	FALSE
-0,091	0,283	-0,003	0,015	0,085	FALSE
-0,036	0,291	-0,002	0,015	0,039	FALSE
0,147	0,271	0,003	0,010	0,120	FALSE
-0,243	0,271	-0,010	0,014	0,333	FALSE
-0,082	0,302	-0,003	0,011	0,101	FALSE
0,072	0,293	0,005	0,015	0,128	FALSE
0,221	0,275	0,007	0,011	0,273	FALSE
0,082	0,276	0,003	0,009	0,117	FALSE
-0,081	0,284	-0,001	0,011	0,034	FALSE
-0,055	0,266	-0,003	0,014	0,075	FALSE
0,048	0,292	0,002	0,009	0,082	FALSE

0,026	0,283	0,002	0,018	0,036	FALSE
-0,140	0,282	-0,008	0,017	0,184	FALSE
0,041	0,289	0,001	0,015	0,015	FALSE
-0,164	0,279	-0,005	0,010	0,244	FALSE
0,075	0,280	0,004	0,012	0,122	FALSE
0,107	0,288	0,002	0,011	0,068	FALSE
-0,010	0,283	0,000	0,011	0,008	FALSE
0,012	0,287	0,003	0,017	0,059	FALSE
-0,122	0,269	-0,005	0,012	0,172	FALSE
0,081	0,269	0,001	0,010	0,035	FALSE
0,134	0,277	0,005	0,010	0,222	FALSE
0,167	0,280	0,007	0,014	0,220	FALSE
0,078	0,256	0,003	0,013	0,078	FALSE
0,059	0,289	0,004	0,017	0,088	FALSE
-0,019	0,282	0,001	0,014	0,033	FALSE
-0,140	0,290	-0,004	0,013	0,138	FALSE
0,016	0,291	-0,001	0,012	0,032	FALSE
0,004	0,278	0,000	0,012	0,002	FALSE
0,085	0,272	0,003	0,010	0,110	FALSE
0,008	0,276	0,000	0,012	0,004	FALSE
0,070	0,279	0,001	0,016	0,028	FALSE
0,028	0,290	0,001	0,013	0,041	FALSE
0,023	0,280	0,000	0,017	0,010	FALSE
-0,011	0,274	0,001	0,017	0,014	FALSE
-0,050	0,287	-0,001	0,014	0,027	FALSE
-0,038	0,292	-0,001	0,014	0,027	FALSE
0,131	0,276	0,004	0,018	0,091	FALSE
-0,046	0,277	-0,001	0,010	0,058	FALSE
0,050	0,298	0,001	0,009	0,033	FALSE
-0,060	0,294	-0,003	0,012	0,090	FALSE
-0,023	0,300	0,000	0,018	0,001	FALSE
-0,147	0,291	-0,007	0,016	0,183	FALSE
-0,095	0,277	-0,003	0,009	0,142	FALSE
-0,003	0,273	0,000	0,009	0,011	FALSE
-0,107	0,270	-0,004	0,018	0,097	FALSE
0,237	0,264	0,009	0,012	0,338	FALSE
-0,110	0,252	-0,006	0,015	0,161	FALSE
-0,049	0,259	-0,003	0,015	0,085	FALSE
-0,102	0,276	-0,004	0,016	0,101	FALSE
0,121	0,282	0,005	0,012	0,155	FALSE
-0,059	0,286	-0,003	0,017	0,069	FALSE
0,066	0,279	0,002	0,011	0,071	FALSE
-0,061	0,274	-0,002	0,010	0,056	FALSE
0,021	0,277	-0,001	0,011	0,021	FALSE
-0,107	0,296	-0,002	0,010	0,083	FALSE
0,008	0,287	0,000	0,012	0,004	FALSE
0,185	0,279	0,008	0,016	0,226	FALSE
0,147	0,292	0,005	0,010	0,199	FALSE
0,000	0,278	0,002	0,011	0,056	FALSE
0,166	0,282	0,008	0,014	0,269	FALSE
0,013	0,269	0,000	0,008	0,006	FALSE
0,020	0,275	0,004	0,014	0,108	FALSE
-0,149	0,269	-0,006	0,014	0,166	FALSE

-0,011	0,274	0,000	0,009	0,019	FALSE
-0,030	0,305	-0,001	0,010	0,025	FALSE
-0,069	0,275	-0,002	0,009	0,096	FALSE
-0,018	0,285	0,000	0,009	0,019	FALSE
-0,095	0,294	-0,005	0,018	0,102	FALSE
-0,142	0,279	-0,004	0,009	0,211	FALSE
0,008	0,288	0,001	0,017	0,015	FALSE
-0,144	0,288	-0,007	0,017	0,173	FALSE
-0,122	0,287	-0,005	0,014	0,150	FALSE
-0,123	0,281	-0,005	0,010	0,204	FALSE
-0,129	0,281	-0,006	0,014	0,165	FALSE
0,266	0,260	0,007	0,008	0,418	FALSE
0,229	0,273	0,006	0,009	0,312	FALSE
-0,082	0,275	-0,005	0,015	0,146	FALSE
0,273	0,278	0,009	0,010	0,410	FALSE
0,022	0,274	0,000	0,012	0,013	FALSE
0,036	0,290	0,005	0,017	0,103	FALSE
-0,066	0,285	-0,002	0,012	0,062	FALSE
0,092	0,280	0,001	0,009	0,044	FALSE
-0,067	0,280	-0,003	0,012	0,106	FALSE
0,054	0,286	0,003	0,009	0,131	FALSE
-0,001	0,296	-0,002	0,016	0,035	FALSE
-0,053	0,282	-0,002	0,010	0,092	FALSE
0,134	0,276	0,006	0,013	0,195	FALSE
-0,113	0,281	-0,007	0,017	0,155	FALSE
-0,139	0,279	-0,008	0,018	0,173	FALSE
-0,050	0,292	0,000	0,009	0,001	FALSE
-0,073	0,265	-0,004	0,013	0,111	FALSE
0,040	0,261	0,002	0,017	0,046	FALSE
-0,004	0,290	-0,002	0,014	0,050	FALSE
0,098	0,283	0,007	0,017	0,174	FALSE
-0,019	0,281	0,000	0,016	0,007	FALSE
-0,020	0,291	-0,003	0,014	0,094	FALSE
-0,028	0,281	0,000	0,016	0,002	FALSE
0,108	0,267	0,004	0,010	0,152	FALSE
0,085	0,272	0,004	0,010	0,153	FALSE
0,093	0,281	0,004	0,017	0,083	FALSE
-0,056	0,298	-0,003	0,018	0,063	FALSE
0,106	0,291	0,006	0,017	0,145	FALSE
0,155	0,277	0,004	0,009	0,210	FALSE
0,016	0,286	-0,001	0,010	0,033	FALSE
-0,089	0,272	-0,003	0,009	0,116	FALSE
0,156	0,277	0,006	0,011	0,212	FALSE
0,003	0,289	0,001	0,012	0,037	FALSE
0,229	0,276	0,007	0,010	0,297	FALSE
-0,045	0,292	-0,003	0,016	0,076	FALSE
-0,004	0,291	-0,002	0,014	0,045	FALSE
-0,014	0,289	-0,001	0,012	0,035	FALSE
0,111	0,289	0,005	0,013	0,173	FALSE
-0,005	0,290	0,001	0,017	0,012	FALSE
0,042	0,279	0,004	0,016	0,087	FALSE
0,043	0,268	0,001	0,010	0,043	FALSE
0,058	0,276	0,001	0,013	0,041	FALSE

-0,045	0,278	-0,001	0,013	0,040	FALSE
0,073	0,299	0,006	0,017	0,141	FALSE
0,002	0,286	0,000	0,011	0,008	FALSE
-0,021	0,293	0,002	0,014	0,041	FALSE
-0,013	0,283	-0,003	0,014	0,073	FALSE
-0,234	0,276	-0,007	0,010	0,319	FALSE
0,055	0,274	0,001	0,010	0,042	FALSE
-0,098	0,270	-0,002	0,009	0,102	FALSE
0,063	0,272	0,003	0,017	0,069	FALSE
-0,047	0,284	-0,001	0,010	0,041	FALSE
0,047	0,288	0,001	0,010	0,045	FALSE
-0,131	0,281	-0,005	0,010	0,195	FALSE
0,180	0,269	0,008	0,015	0,237	FALSE
-0,039	0,282	-0,001	0,009	0,043	FALSE
-0,065	0,290	-0,002	0,016	0,047	FALSE
0,232	0,278	0,007	0,013	0,252	FALSE
-0,016	0,290	0,000	0,011	0,005	FALSE
-0,048	0,298	-0,001	0,012	0,035	FALSE
0,068	0,282	0,003	0,011	0,102	FALSE
-0,015	0,288	-0,001	0,014	0,035	FALSE
0,054	0,279	0,002	0,009	0,083	FALSE
-0,100	0,275	-0,004	0,012	0,121	FALSE
0,139	0,275	0,003	0,011	0,109	FALSE
-0,146	0,270	-0,004	0,009	0,207	FALSE
-0,184	0,283	-0,006	0,011	0,242	FALSE
-0,005	0,293	-0,001	0,016	0,031	FALSE
-0,064	0,278	-0,005	0,017	0,111	FALSE
0,050	0,282	0,001	0,009	0,040	FALSE
0,062	0,277	0,003	0,010	0,119	FALSE
-0,007	0,288	0,000	0,013	0,009	FALSE
0,007	0,267	0,002	0,012	0,049	FALSE
0,145	0,297	0,008	0,019	0,183	FALSE
-0,010	0,287	-0,001	0,012	0,039	FALSE
0,115	0,294	0,005	0,010	0,201	FALSE
-0,078	0,285	-0,002	0,011	0,085	FALSE
0,119	0,281	0,004	0,015	0,097	FALSE
-0,068	0,296	-0,002	0,010	0,095	FALSE
0,119	0,262	0,003	0,009	0,129	FALSE
0,020	0,254	0,001	0,014	0,034	FALSE
0,085	0,273	0,001	0,010	0,041	FALSE
-0,110	0,264	-0,005	0,015	0,120	FALSE
-0,203	0,286	-0,005	0,010	0,223	FALSE
-0,103	0,267	-0,004	0,016	0,104	FALSE
-0,039	0,269	-0,001	0,015	0,034	FALSE
-0,158	0,283	-0,006	0,012	0,195	FALSE
0,033	0,271	0,002	0,009	0,068	FALSE
0,125	0,295	0,010	0,018	0,225	FALSE
0,084	0,278	0,006	0,014	0,174	FALSE
0,074	0,288	0,005	0,017	0,123	FALSE
-0,018	0,297	0,001	0,011	0,019	FALSE
0,085	0,293	0,003	0,016	0,067	FALSE
0,015	0,305	0,001	0,013	0,033	FALSE
-0,009	0,274	0,001	0,010	0,026	FALSE

0,180	0,265	0,007	0,014	0,223	FALSE
0,009	0,293	0,000	0,010	0,001	FALSE
-0,029	0,303	-0,002	0,018	0,045	FALSE
0,125	0,284	0,005	0,016	0,109	FALSE
0,001	0,281	0,000	0,016	0,002	FALSE
0,043	0,289	0,001	0,013	0,015	FALSE
0,085	0,287	0,004	0,016	0,104	FALSE
-0,035	0,294	-0,003	0,017	0,062	FALSE
0,021	0,279	0,003	0,015	0,066	FALSE
0,096	0,277	0,004	0,014	0,116	FALSE
0,057	0,273	0,002	0,010	0,097	FALSE
-0,040	0,285	-0,001	0,012	0,017	FALSE
-0,037	0,273	-0,003	0,011	0,120	FALSE
-0,108	0,275	-0,005	0,011	0,182	FALSE
0,098	0,296	0,003	0,009	0,155	FALSE
0,105	0,292	0,006	0,016	0,157	FALSE
0,137	0,275	0,004	0,011	0,127	FALSE
-0,028	0,286	-0,003	0,015	0,081	FALSE
0,057	0,274	0,001	0,012	0,041	FALSE
0,038	0,277	0,002	0,011	0,076	FALSE
0,004	0,280	0,000	0,012	0,013	FALSE
0,036	0,264	0,001	0,009	0,059	FALSE
-0,011	0,284	0,002	0,011	0,063	FALSE
-0,058	0,289	-0,001	0,008	0,026	FALSE
-0,011	0,290	0,001	0,011	0,046	FALSE
-0,081	0,284	-0,002	0,009	0,089	FALSE
0,059	0,282	0,001	0,010	0,040	FALSE
-0,026	0,272	-0,002	0,010	0,077	FALSE
0,049	0,287	0,002	0,013	0,071	FALSE
-0,031	0,272	-0,004	0,016	0,087	FALSE
0,083	0,282	0,002	0,010	0,061	FALSE
0,075	0,295	0,003	0,009	0,141	FALSE
0,001	0,285	0,000	0,011	0,008	FALSE
-0,160	0,269	-0,005	0,011	0,180	FALSE
-0,038	0,274	0,000	0,010	0,009	FALSE
-0,118	0,271	-0,004	0,010	0,168	FALSE
-0,018	0,287	-0,002	0,016	0,045	FALSE
-0,110	0,279	-0,006	0,016	0,147	FALSE
-0,009	0,276	0,001	0,017	0,015	FALSE
0,039	0,280	0,004	0,017	0,082	FALSE
-0,027	0,262	-0,001	0,009	0,054	FALSE
0,068	0,294	0,004	0,017	0,097	FALSE
0,083	0,277	0,004	0,012	0,118	FALSE
0,032	0,279	0,001	0,009	0,024	FALSE
0,114	0,289	0,004	0,011	0,130	FALSE
0,047	0,283	0,002	0,016	0,054	FALSE
0,094	0,282	0,005	0,015	0,126	FALSE
0,019	0,270	0,002	0,016	0,054	FALSE
-0,079	0,280	-0,003	0,011	0,122	FALSE
0,140	0,265	0,005	0,009	0,219	FALSE
0,104	0,276	0,003	0,012	0,083	FALSE
-0,081	0,295	-0,004	0,014	0,097	FALSE
-0,017	0,285	-0,001	0,013	0,027	FALSE

0,114	0,285	0,005	0,017	0,111	FALSE
-0,040	0,273	-0,001	0,013	0,036	FALSE
-0,058	0,290	-0,002	0,013	0,043	FALSE
-0,122	0,291	-0,005	0,015	0,119	FALSE
-0,094	0,294	-0,004	0,017	0,101	FALSE
0,216	0,279	0,005	0,009	0,241	FALSE
0,013	0,301	0,000	0,014	0,011	FALSE
-0,091	0,270	-0,002	0,013	0,064	FALSE
0,085	0,287	0,002	0,009	0,066	FALSE
0,011	0,278	0,000	0,009	0,012	FALSE
-0,040	0,279	-0,004	0,014	0,118	FALSE
-0,015	0,285	-0,001	0,010	0,030	FALSE
0,115	0,286	0,004	0,014	0,129	FALSE
-0,028	0,278	-0,003	0,016	0,075	FALSE
0,158	0,278	0,007	0,014	0,214	FALSE
0,021	0,280	-0,001	0,017	0,023	FALSE
0,088	0,273	0,003	0,017	0,059	FALSE
-0,119	0,287	-0,003	0,011	0,111	FALSE
-0,086	0,284	-0,002	0,011	0,076	FALSE
-0,035	0,292	0,000	0,009	0,006	FALSE
-0,087	0,286	-0,002	0,016	0,056	FALSE
-0,046	0,281	0,000	0,015	0,004	FALSE
-0,043	0,297	-0,001	0,011	0,027	FALSE
-0,093	0,301	-0,003	0,011	0,116	FALSE
-0,070	0,278	-0,002	0,011	0,081	FALSE
0,035	0,290	-0,002	0,017	0,036	FALSE
0,005	0,278	-0,002	0,010	0,081	FALSE
-0,187	0,281	-0,004	0,009	0,192	FALSE
0,284	0,262	0,015	0,018	0,378	FALSE
0,275	0,266	0,014	0,018	0,368	FALSE
0,098	0,256	0,003	0,013	0,097	FALSE
0,081	0,274	0,003	0,009	0,124	FALSE
-0,095	0,279	-0,003	0,013	0,106	FALSE
0,039	0,292	0,001	0,009	0,050	FALSE
-0,222	0,283	-0,007	0,010	0,316	FALSE
-0,232	0,280	-0,008	0,010	0,347	FALSE
-0,079	0,279	-0,002	0,013	0,064	FALSE
-0,155	0,276	-0,009	0,016	0,240	FALSE
-0,103	0,267	-0,002	0,015	0,046	FALSE
0,037	0,283	0,002	0,015	0,044	FALSE
0,032	0,294	0,000	0,015	0,012	FALSE
0,040	0,294	0,002	0,017	0,041	FALSE
0,011	0,296	0,001	0,013	0,023	FALSE
0,034	0,281	0,002	0,012	0,063	FALSE
-0,008	0,300	-0,001	0,016	0,022	FALSE
0,077	0,278	0,002	0,009	0,066	FALSE
0,054	0,275	0,000	0,014	0,004	FALSE
-0,021	0,290	0,000	0,010	0,011	FALSE
0,058	0,278	0,001	0,012	0,040	FALSE
0,251	0,280	0,007	0,009	0,344	FALSE
-0,002	0,286	0,000	0,012	0,013	FALSE
-0,012	0,288	0,000	0,009	0,015	FALSE
-0,155	0,269	-0,010	0,015	0,282	FALSE

0,003	0,287	0,000	0,009	0,013	FALSE
0,024	0,306	0,002	0,016	0,048	FALSE
0,001	0,295	-0,002	0,018	0,039	FALSE
0,065	0,302	0,003	0,017	0,064	FALSE
-0,073	0,288	-0,002	0,017	0,034	FALSE
-0,015	0,282	0,001	0,017	0,014	FALSE
0,019	0,283	0,000	0,013	0,012	FALSE
-0,054	0,279	-0,002	0,011	0,077	FALSE
0,042	0,274	0,000	0,009	0,004	FALSE
0,150	0,282	0,006	0,014	0,164	FALSE
0,143	0,285	0,010	0,019	0,215	FALSE
0,086	0,286	0,003	0,009	0,120	FALSE
-0,108	0,274	-0,005	0,015	0,121	FALSE
-0,072	0,287	-0,003	0,017	0,075	FALSE
-0,180	0,288	-0,005	0,009	0,248	FALSE
0,017	0,307	0,000	0,013	0,012	FALSE
0,043	0,271	0,006	0,016	0,141	FALSE
-0,024	0,305	-0,001	0,010	0,036	FALSE
0,003	0,279	-0,002	0,009	0,068	FALSE
-0,038	0,283	-0,002	0,011	0,067	FALSE
-0,024	0,280	0,000	0,017	0,000	FALSE
-0,044	0,282	-0,001	0,012	0,032	FALSE
-0,041	0,294	-0,001	0,013	0,030	FALSE
-0,139	0,288	-0,003	0,010	0,131	FALSE
0,013	0,305	0,001	0,012	0,018	FALSE
0,040	0,286	0,001	0,010	0,047	FALSE
0,064	0,289	0,003	0,009	0,127	FALSE
-0,034	0,278	-0,001	0,009	0,047	FALSE
0,032	0,274	0,002	0,013	0,049	FALSE
-0,103	0,291	-0,004	0,010	0,159	FALSE
-0,032	0,303	-0,001	0,014	0,024	FALSE
0,023	0,297	0,001	0,015	0,020	FALSE
-0,156	0,272	-0,008	0,017	0,200	FALSE
-0,049	0,281	-0,001	0,008	0,069	FALSE
0,065	0,283	0,002	0,009	0,080	FALSE
-0,170	0,279	-0,006	0,013	0,188	FALSE
0,168	0,279	0,005	0,009	0,231	FALSE
-0,015	0,290	0,000	0,009	0,001	FALSE
0,120	0,293	0,005	0,012	0,162	FALSE
0,169	0,267	0,004	0,009	0,167	FALSE
-0,091	0,294	-0,001	0,009	0,045	FALSE
0,001	0,280	0,000	0,017	0,003	FALSE
0,020	0,274	0,001	0,017	0,027	FALSE
-0,054	0,273	-0,001	0,012	0,026	FALSE
-0,228	0,279	-0,009	0,011	0,391	FALSE
0,134	0,272	0,007	0,016	0,174	FALSE
0,168	0,271	0,008	0,015	0,207	FALSE
-0,046	0,267	-0,003	0,009	0,112	FALSE
-0,098	0,283	-0,004	0,011	0,146	FALSE
0,062	0,285	0,000	0,010	0,001	FALSE
0,010	0,272	0,000	0,015	0,008	FALSE
0,134	0,269	0,006	0,012	0,206	FALSE
-0,038	0,281	-0,004	0,016	0,085	FALSE

-0,106	0,291	-0,004	0,010	0,154	FALSE
0,223	0,269	0,010	0,014	0,305	FALSE
0,046	0,277	0,000	0,009	0,005	FALSE
0,051	0,301	0,002	0,012	0,071	FALSE
0,016	0,303	0,001	0,012	0,042	FALSE
-0,041	0,288	-0,001	0,011	0,024	FALSE
-0,070	0,289	-0,002	0,010	0,077	FALSE
-0,071	0,277	-0,004	0,014	0,095	FALSE
0,183	0,280	0,009	0,016	0,228	FALSE
0,146	0,285	0,006	0,016	0,162	FALSE
0,163	0,282	0,008	0,016	0,193	FALSE
-0,148	0,295	-0,007	0,018	0,163	FALSE
-0,164	0,290	-0,008	0,017	0,179	FALSE
0,047	0,267	0,002	0,015	0,055	FALSE
0,024	0,282	0,000	0,015	0,002	FALSE
-0,108	0,278	-0,006	0,014	0,181	FALSE
0,095	0,278	0,004	0,012	0,119	FALSE
-0,152	0,281	-0,003	0,009	0,161	FALSE
0,050	0,295	-0,001	0,016	0,032	FALSE
0,145	0,274	0,005	0,009	0,221	FALSE
0,035	0,274	0,001	0,009	0,026	FALSE
0,159	0,275	0,005	0,013	0,154	FALSE
-0,056	0,312	-0,001	0,018	0,028	FALSE
0,174	0,275	0,008	0,012	0,300	FALSE
0,016	0,279	0,001	0,010	0,049	FALSE
0,047	0,283	0,000	0,017	0,003	FALSE
0,239	0,267	0,010	0,014	0,336	FALSE
0,216	0,291	0,008	0,013	0,277	FALSE
-0,141	0,293	-0,007	0,017	0,184	FALSE
-0,039	0,285	0,000	0,011	0,007	FALSE
0,136	0,294	0,003	0,009	0,139	FALSE
-0,177	0,271	-0,005	0,012	0,175	FALSE
-0,037	0,289	-0,003	0,014	0,083	FALSE
-0,069	0,288	0,000	0,009	0,010	FALSE
0,131	0,283	0,005	0,016	0,113	FALSE
0,053	0,277	0,001	0,016	0,025	FALSE
0,083	0,283	0,003	0,009	0,118	FALSE
0,138	0,275	0,004	0,009	0,191	FALSE
-0,005	0,288	-0,001	0,018	0,027	FALSE
0,020	0,291	-0,001	0,012	0,018	FALSE
0,134	0,297	0,006	0,013	0,208	FALSE
-0,111	0,275	-0,003	0,010	0,122	FALSE
0,030	0,298	0,001	0,010	0,029	FALSE
0,081	0,305	0,005	0,016	0,134	FALSE
-0,048	0,290	-0,001	0,009	0,050	FALSE
-0,060	0,287	-0,003	0,010	0,105	FALSE
-0,239	0,272	-0,015	0,016	0,454	FALSE
-0,121	0,295	-0,005	0,019	0,096	FALSE
0,077	0,277	0,003	0,017	0,059	FALSE
-0,004	0,298	0,000	0,018	0,003	FALSE
-0,073	0,288	-0,005	0,017	0,119	FALSE
-0,180	0,274	-0,006	0,012	0,229	FALSE
-0,151	0,269	-0,007	0,014	0,213	FALSE

0,028	0,289	0,001	0,011	0,024	FALSE
-0,026	0,284	-0,001	0,010	0,026	FALSE
-0,011	0,279	0,000	0,009	0,018	FALSE
-0,043	0,278	-0,002	0,010	0,080	FALSE
0,044	0,275	0,003	0,014	0,090	FALSE
0,134	0,263	0,004	0,012	0,133	FALSE
0,135	0,290	0,004	0,013	0,117	FALSE
-0,053	0,276	-0,005	0,017	0,115	FALSE
-0,093	0,276	-0,002	0,008	0,116	FALSE
0,012	0,267	0,000	0,015	0,008	FALSE
0,074	0,273	0,003	0,017	0,075	FALSE
0,013	0,282	0,000	0,016	0,001	FALSE
0,069	0,267	0,003	0,016	0,082	FALSE
-0,051	0,278	-0,001	0,016	0,028	FALSE
-0,138	0,278	-0,008	0,016	0,195	FALSE
0,110	0,277	0,005	0,017	0,104	FALSE
0,058	0,267	0,001	0,012	0,037	FALSE
-0,032	0,272	-0,003	0,013	0,092	FALSE
0,041	0,273	0,001	0,016	0,022	FALSE
0,030	0,286	0,001	0,017	0,016	FALSE
-0,061	0,267	-0,003	0,016	0,081	FALSE
0,043	0,273	0,003	0,017	0,075	FALSE
-0,063	0,281	-0,001	0,010	0,049	FALSE
-0,181	0,276	-0,009	0,017	0,217	FALSE
-0,110	0,265	-0,004	0,014	0,117	FALSE
-0,048	0,286	-0,002	0,012	0,046	FALSE
-0,072	0,282	-0,003	0,013	0,078	FALSE
0,072	0,289	0,003	0,009	0,107	FALSE
0,086	0,297	0,005	0,017	0,104	FALSE
0,118	0,293	0,005	0,016	0,119	FALSE
0,046	0,286	0,003	0,015	0,068	FALSE
-0,096	0,286	-0,005	0,013	0,153	FALSE
-0,055	0,284	-0,002	0,012	0,061	FALSE
0,144	0,268	0,004	0,008	0,190	FALSE
-0,052	0,277	-0,002	0,011	0,074	FALSE
-0,074	0,292	-0,001	0,010	0,021	FALSE
-0,054	0,288	-0,004	0,012	0,129	FALSE
-0,042	0,262	-0,005	0,014	0,147	FALSE
0,092	0,276	0,004	0,017	0,080	FALSE
0,078	0,284	0,003	0,013	0,080	FALSE
-0,062	0,294	-0,002	0,011	0,052	FALSE
0,027	0,286	0,001	0,009	0,035	FALSE
0,005	0,288	0,000	0,013	0,004	FALSE
-0,118	0,283	-0,004	0,010	0,148	FALSE
0,075	0,286	0,002	0,012	0,077	FALSE
0,016	0,292	0,003	0,016	0,073	FALSE
0,008	0,283	-0,001	0,013	0,016	FALSE
0,037	0,271	0,002	0,014	0,046	FALSE
0,070	0,276	0,001	0,014	0,016	FALSE
0,069	0,274	0,003	0,010	0,131	FALSE
0,306	0,253	0,015	0,015	0,490	FALSE
0,140	0,278	0,004	0,012	0,118	FALSE
0,136	0,298	0,005	0,009	0,216	FALSE

-0,022	0,275	0,000	0,011	0,012	FALSE
0,115	0,287	0,005	0,013	0,148	FALSE
0,130	0,276	0,006	0,013	0,190	FALSE
0,105	0,278	0,004	0,012	0,139	FALSE
-0,046	0,282	-0,002	0,016	0,055	FALSE
-0,049	0,293	-0,003	0,018	0,068	FALSE
0,093	0,288	0,005	0,017	0,106	FALSE
0,233	0,254	0,006	0,010	0,250	FALSE
0,055	0,298	0,001	0,013	0,037	FALSE
0,072	0,297	0,004	0,016	0,096	FALSE
-0,041	0,290	-0,002	0,016	0,044	FALSE
0,104	0,293	0,002	0,009	0,089	FALSE
0,045	0,283	0,001	0,011	0,024	FALSE
0,051	0,286	0,002	0,010	0,054	FALSE
-0,007	0,267	-0,001	0,016	0,019	FALSE
0,028	0,288	0,002	0,010	0,068	FALSE
-0,044	0,283	0,000	0,017	0,005	FALSE
0,111	0,274	0,005	0,014	0,142	FALSE
0,082	0,291	0,004	0,014	0,122	FALSE
0,137	0,273	0,007	0,014	0,211	FALSE
0,084	0,271	0,002	0,012	0,067	FALSE
-0,098	0,283	-0,002	0,011	0,056	FALSE
0,058	0,291	0,003	0,017	0,062	FALSE
0,054	0,286	0,004	0,015	0,097	FALSE
-0,086	0,279	-0,006	0,012	0,197	FALSE
-0,083	0,277	-0,005	0,012	0,183	FALSE
0,100	0,282	0,007	0,015	0,176	FALSE
0,051	0,280	0,002	0,010	0,092	FALSE
-0,075	0,282	-0,004	0,016	0,090	FALSE
0,251	0,268	0,011	0,014	0,380	FALSE
0,063	0,277	0,003	0,013	0,075	FALSE
0,228	0,274	0,007	0,010	0,333	FALSE
0,069	0,284	0,002	0,012	0,069	FALSE
-0,180	0,301	-0,006	0,012	0,201	FALSE
0,157	0,279	0,008	0,017	0,200	FALSE
-0,032	0,280	0,000	0,014	0,012	FALSE
0,019	0,277	0,000	0,014	0,006	FALSE
0,060	0,275	0,001	0,012	0,040	FALSE
0,018	0,283	0,001	0,013	0,019	FALSE
-0,027	0,283	-0,002	0,013	0,068	FALSE
0,084	0,269	0,002	0,009	0,077	FALSE
0,197	0,284	0,010	0,015	0,296	FALSE
0,136	0,290	0,007	0,016	0,176	FALSE
-0,038	0,271	-0,002	0,017	0,035	FALSE
-0,222	0,283	-0,010	0,016	0,260	FALSE
0,144	0,278	0,007	0,016	0,170	FALSE
-0,131	0,278	-0,005	0,012	0,165	FALSE
0,021	0,278	0,001	0,015	0,026	FALSE
0,044	0,272	0,002	0,015	0,060	FALSE
-0,014	0,276	0,001	0,008	0,042	FALSE
-0,093	0,286	-0,005	0,013	0,156	FALSE
-0,020	0,290	0,001	0,010	0,034	FALSE
0,024	0,291	0,002	0,017	0,035	FALSE

-0,079	0,286	-0,003	0,009	0,122	FALSE
0,042	0,279	0,001	0,009	0,049	FALSE
0,014	0,277	0,000	0,011	0,012	FALSE
-0,165	0,283	-0,008	0,013	0,250	FALSE
-0,044	0,284	-0,003	0,015	0,071	FALSE
-0,078	0,284	-0,004	0,011	0,126	FALSE
0,042	0,283	0,001	0,015	0,021	FALSE
-0,032	0,276	-0,001	0,016	0,014	FALSE
-0,024	0,305	-0,002	0,017	0,046	FALSE
-0,013	0,305	-0,001	0,017	0,019	FALSE
-0,027	0,292	-0,001	0,017	0,030	FALSE
-0,117	0,286	-0,004	0,013	0,120	FALSE
-0,026	0,285	-0,002	0,013	0,068	FALSE
-0,046	0,289	-0,002	0,010	0,060	FALSE
0,171	0,267	0,006	0,012	0,196	FALSE
0,189	0,281	0,006	0,012	0,194	FALSE
-0,008	0,278	0,000	0,017	0,003	FALSE
-0,068	0,288	-0,002	0,012	0,050	FALSE
-0,013	0,274	-0,001	0,010	0,032	FALSE
0,052	0,282	0,003	0,014	0,091	FALSE
-0,123	0,270	-0,009	0,016	0,234	FALSE
-0,050	0,269	-0,005	0,013	0,142	FALSE
-0,056	0,280	-0,004	0,011	0,163	FALSE
0,280	0,264	0,012	0,012	0,492	FALSE
0,040	0,264	0,003	0,013	0,092	FALSE
0,112	0,280	0,006	0,011	0,206	FALSE
0,126	0,274	0,003	0,010	0,138	FALSE
0,120	0,282	0,003	0,010	0,133	FALSE
0,115	0,278	0,004	0,016	0,107	FALSE
0,018	0,281	0,001	0,011	0,034	FALSE
0,184	0,299	0,005	0,010	0,217	FALSE
-0,001	0,288	0,000	0,011	0,014	FALSE
0,045	0,268	0,001	0,008	0,062	FALSE
0,041	0,295	0,003	0,012	0,082	FALSE
-0,014	0,285	0,000	0,013	0,003	FALSE
0,124	0,252	0,006	0,016	0,157	FALSE
-0,014	0,292	-0,001	0,011	0,029	FALSE
0,212	0,282	0,010	0,015	0,303	FALSE
0,145	0,275	0,005	0,012	0,171	FALSE
-0,016	0,297	-0,001	0,010	0,019	FALSE
0,077	0,274	0,003	0,015	0,076	FALSE
0,075	0,283	0,002	0,010	0,084	FALSE
-0,047	0,296	0,000	0,009	0,007	FALSE
-0,010	0,272	0,000	0,015	0,010	FALSE
-0,009	0,284	0,001	0,010	0,021	FALSE
-0,108	0,286	-0,003	0,009	0,113	FALSE
0,243	0,275	0,007	0,010	0,306	FALSE
-0,008	0,288	0,000	0,009	0,003	FALSE
-0,098	0,284	-0,003	0,009	0,139	FALSE
-0,078	0,285	-0,004	0,017	0,102	FALSE
-0,025	0,277	-0,001	0,016	0,020	FALSE
0,030	0,269	0,001	0,017	0,019	FALSE
0,034	0,301	0,001	0,017	0,022	FALSE

-0,057	0,283	-0,002	0,009	0,076	FALSE
-0,059	0,269	-0,004	0,012	0,136	FALSE
0,031	0,274	0,001	0,012	0,036	FALSE
0,216	0,268	0,006	0,009	0,333	FALSE
0,019	0,292	0,001	0,009	0,054	FALSE
-0,054	0,301	-0,001	0,012	0,025	FALSE
-0,016	0,275	0,003	0,016	0,067	FALSE
0,146	0,277	0,008	0,015	0,237	FALSE
-0,065	0,291	-0,001	0,010	0,021	FALSE
0,046	0,287	0,002	0,012	0,049	FALSE
-0,083	0,291	-0,004	0,014	0,113	FALSE
-0,082	0,286	-0,003	0,010	0,108	FALSE
-0,084	0,285	-0,003	0,009	0,113	FALSE
-0,007	0,290	0,002	0,017	0,040	FALSE
0,026	0,297	0,002	0,011	0,070	FALSE
0,156	0,287	0,008	0,015	0,228	FALSE
0,087	0,297	0,005	0,018	0,107	FALSE
-0,107	0,292	-0,004	0,012	0,132	FALSE
-0,049	0,279	0,000	0,012	0,007	FALSE
0,139	0,276	0,005	0,010	0,219	FALSE
0,202	0,271	0,006	0,009	0,282	FALSE
0,072	0,276	0,002	0,009	0,096	FALSE
0,045	0,299	0,003	0,009	0,104	FALSE
-0,075	0,290	-0,002	0,009	0,097	FALSE
-0,029	0,312	-0,001	0,012	0,025	FALSE
-0,063	0,299	-0,002	0,013	0,065	FALSE
0,071	0,273	0,001	0,012	0,030	FALSE
0,045	0,283	0,002	0,010	0,093	FALSE
0,024	0,281	-0,001	0,012	0,019	FALSE
0,123	0,274	0,003	0,010	0,128	FALSE
0,004	0,265	-0,002	0,015	0,049	FALSE
-0,093	0,289	-0,003	0,016	0,081	FALSE
-0,065	0,271	-0,003	0,010	0,131	FALSE
0,061	0,301	0,003	0,012	0,086	FALSE
-0,117	0,289	-0,003	0,008	0,149	FALSE
0,090	0,273	0,007	0,016	0,168	FALSE
-0,091	0,273	-0,001	0,013	0,035	FALSE
-0,120	0,288	-0,004	0,008	0,184	FALSE
-0,006	0,289	-0,002	0,018	0,042	FALSE
-0,033	0,278	-0,001	0,014	0,021	FALSE
-0,023	0,275	-0,005	0,017	0,106	FALSE
0,008	0,268	0,000	0,009	0,009	FALSE
0,036	0,295	0,000	0,013	0,005	FALSE
0,012	0,294	0,000	0,013	0,003	FALSE
0,027	0,302	0,000	0,014	0,006	FALSE
0,079	0,275	0,002	0,013	0,045	FALSE
-0,035	0,284	-0,004	0,017	0,082	FALSE
0,060	0,279	0,001	0,012	0,022	FALSE
0,028	0,280	0,002	0,013	0,051	FALSE
-0,120	0,294	-0,007	0,017	0,155	FALSE
-0,098	0,302	-0,005	0,018	0,115	FALSE
-0,021	0,272	0,000	0,009	0,004	FALSE
-0,195	0,275	-0,009	0,013	0,330	FALSE

0,085	0,292	0,003	0,012	0,093	FALSE
0,032	0,281	0,001	0,009	0,048	FALSE
0,056	0,283	0,004	0,010	0,163	FALSE
0,010	0,288	0,001	0,017	0,020	FALSE
0,232	0,272	0,010	0,015	0,280	FALSE
0,067	0,295	0,002	0,009	0,091	FALSE
0,104	0,279	0,006	0,017	0,128	FALSE
0,013	0,279	0,001	0,014	0,019	FALSE
0,012	0,288	0,002	0,011	0,065	FALSE
0,086	0,269	0,005	0,015	0,141	FALSE
-0,112	0,288	-0,002	0,009	0,078	FALSE
0,039	0,297	0,001	0,016	0,018	FALSE
-0,013	0,287	0,000	0,015	0,005	FALSE
0,086	0,290	0,004	0,015	0,100	FALSE
0,054	0,297	0,001	0,017	0,013	FALSE
-0,107	0,297	-0,003	0,010	0,116	FALSE
0,122	0,280	0,004	0,014	0,102	FALSE
0,037	0,284	0,001	0,014	0,021	FALSE
0,082	0,284	0,003	0,014	0,089	FALSE
-0,023	0,271	-0,001	0,009	0,050	FALSE
0,058	0,273	0,004	0,014	0,124	FALSE
0,044	0,289	0,001	0,010	0,037	FALSE
-0,177	0,282	-0,006	0,015	0,179	FALSE
-0,082	0,297	-0,004	0,016	0,081	FALSE
-0,060	0,296	-0,002	0,012	0,051	FALSE
0,087	0,288	0,004	0,013	0,104	FALSE
-0,036	0,287	-0,004	0,016	0,091	FALSE
-0,057	0,277	-0,004	0,017	0,101	FALSE
-0,073	0,277	-0,006	0,017	0,132	FALSE
0,330	0,262	0,014	0,012	0,610	FALSE
0,192	0,262	0,005	0,009	0,257	FALSE
-0,047	0,293	-0,003	0,017	0,062	FALSE
0,056	0,296	0,003	0,009	0,126	FALSE
-0,039	0,279	-0,001	0,009	0,051	FALSE
0,108	0,287	0,005	0,011	0,186	FALSE
0,074	0,294	0,002	0,012	0,064	FALSE
0,165	0,290	0,005	0,011	0,175	FALSE
-0,012	0,299	0,000	0,009	0,013	FALSE
0,094	0,279	0,005	0,018	0,121	FALSE
0,104	0,289	0,006	0,018	0,124	FALSE
0,121	0,299	0,007	0,018	0,163	FALSE
0,051	0,292	0,001	0,010	0,019	FALSE
0,114	0,284	0,003	0,014	0,075	FALSE
-0,073	0,274	-0,004	0,016	0,082	FALSE
-0,157	0,285	-0,006	0,013	0,189	FALSE
-0,064	0,298	-0,005	0,018	0,112	FALSE
0,055	0,269	0,002	0,010	0,081	FALSE
0,062	0,286	0,003	0,009	0,131	FALSE
0,141	0,287	0,005	0,009	0,202	FALSE
-0,196	0,264	-0,008	0,011	0,342	FALSE
0,173	0,272	0,009	0,016	0,235	FALSE
0,042	0,280	0,001	0,012	0,036	FALSE
-0,170	0,273	-0,009	0,012	0,359	FALSE

0,056	0,281	0,001	0,010	0,025	FALSE
-0,089	0,290	-0,004	0,011	0,150	FALSE
0,217	0,268	0,008	0,010	0,380	FALSE
-0,082	0,276	-0,002	0,009	0,085	FALSE
-0,226	0,285	-0,009	0,015	0,264	FALSE
-0,058	0,293	-0,002	0,017	0,044	FALSE
-0,037	0,292	-0,001	0,009	0,056	FALSE
-0,112	0,281	-0,004	0,011	0,135	FALSE
-0,125	0,286	-0,004	0,011	0,160	FALSE
0,148	0,291	0,009	0,015	0,237	FALSE
0,063	0,274	0,002	0,012	0,069	FALSE
-0,065	0,268	-0,003	0,014	0,084	FALSE
-0,030	0,293	-0,004	0,015	0,112	FALSE
-0,019	0,289	0,000	0,009	0,001	FALSE
0,060	0,280	0,005	0,014	0,130	FALSE
-0,031	0,286	-0,001	0,012	0,022	FALSE
0,075	0,284	0,004	0,015	0,113	FALSE
-0,053	0,289	-0,004	0,017	0,085	FALSE
0,093	0,276	0,004	0,016	0,091	FALSE
-0,099	0,281	-0,007	0,018	0,159	FALSE
0,013	0,273	-0,001	0,016	0,031	FALSE
0,043	0,282	0,004	0,016	0,091	FALSE
0,060	0,268	0,002	0,017	0,043	FALSE
-0,164	0,267	-0,006	0,010	0,230	FALSE
-0,069	0,274	-0,003	0,012	0,088	FALSE
0,060	0,282	0,003	0,017	0,063	FALSE
-0,069	0,272	-0,001	0,009	0,035	FALSE
0,000	0,284	0,002	0,009	0,063	FALSE
0,215	0,286	0,013	0,018	0,343	FALSE
-0,089	0,281	-0,003	0,017	0,077	FALSE
0,185	0,273	0,006	0,012	0,240	FALSE
-0,038	0,291	-0,001	0,014	0,027	FALSE
0,024	0,288	0,001	0,009	0,056	FALSE
-0,036	0,265	-0,002	0,016	0,048	FALSE
-0,014	0,293	-0,002	0,015	0,045	FALSE
-0,108	0,295	-0,004	0,011	0,144	FALSE
0,113	0,282	0,003	0,010	0,131	FALSE
-0,104	0,289	-0,005	0,012	0,177	FALSE
-0,051	0,281	-0,002	0,018	0,032	FALSE
-0,031	0,297	0,000	0,010	0,003	FALSE
0,008	0,285	0,000	0,011	0,001	FALSE
-0,170	0,287	-0,008	0,014	0,265	FALSE
0,006	0,293	0,000	0,009	0,006	FALSE
-0,009	0,290	-0,001	0,013	0,018	FALSE
-0,063	0,282	-0,002	0,013	0,051	FALSE
0,012	0,290	0,001	0,017	0,016	FALSE
-0,139	0,282	-0,003	0,009	0,151	FALSE
-0,212	0,287	-0,012	0,018	0,312	FALSE
0,066	0,275	0,002	0,009	0,090	FALSE
0,059	0,275	0,003	0,010	0,134	FALSE
-0,122	0,278	-0,005	0,016	0,122	FALSE
-0,011	0,281	0,001	0,009	0,035	FALSE
-0,055	0,285	-0,003	0,015	0,067	FALSE

0,037	0,278	0,002	0,013	0,056	FALSE
-0,072	0,282	-0,001	0,012	0,041	FALSE
-0,045	0,283	-0,004	0,015	0,112	FALSE
0,198	0,277	0,006	0,010	0,251	FALSE
0,049	0,272	0,001	0,008	0,068	FALSE
-0,021	0,273	0,001	0,012	0,037	FALSE
-0,030	0,277	0,001	0,012	0,015	FALSE
-0,046	0,298	0,000	0,012	0,015	FALSE
-0,042	0,275	0,000	0,010	0,001	FALSE
0,032	0,285	0,002	0,009	0,067	FALSE
0,118	0,281	0,005	0,017	0,122	FALSE
0,124	0,283	0,006	0,018	0,124	FALSE
-0,165	0,286	-0,008	0,015	0,228	FALSE
-0,130	0,272	-0,007	0,017	0,180	FALSE
0,092	0,280	0,004	0,016	0,088	FALSE
-0,221	0,270	-0,013	0,018	0,339	FALSE
0,115	0,279	0,004	0,017	0,097	FALSE
0,117	0,287	0,005	0,015	0,122	FALSE
0,152	0,286	0,007	0,013	0,227	FALSE
0,142	0,264	0,005	0,010	0,246	FALSE
-0,022	0,277	-0,002	0,011	0,078	FALSE
-0,071	0,285	-0,003	0,013	0,101	FALSE
-0,003	0,286	0,001	0,013	0,033	FALSE
0,042	0,280	0,001	0,008	0,052	FALSE
0,136	0,270	0,004	0,013	0,116	FALSE
0,207	0,246	0,007	0,011	0,291	FALSE
0,116	0,270	0,004	0,011	0,128	FALSE
0,083	0,271	-0,001	0,016	0,020	FALSE
-0,058	0,279	-0,005	0,013	0,157	FALSE
-0,068	0,269	-0,005	0,012	0,164	FALSE
0,019	0,270	0,000	0,012	0,015	FALSE
0,215	0,273	0,008	0,013	0,253	FALSE
-0,051	0,282	-0,002	0,013	0,055	FALSE
0,046	0,283	0,003	0,014	0,087	FALSE
-0,096	0,281	-0,005	0,017	0,120	FALSE
0,068	0,287	0,003	0,011	0,099	FALSE
-0,069	0,297	-0,004	0,013	0,113	FALSE
-0,057	0,284	-0,002	0,009	0,080	FALSE
0,251	0,258	0,012	0,014	0,402	FALSE
0,137	0,280	0,006	0,013	0,204	FALSE
0,055	0,292	0,003	0,012	0,102	FALSE
0,025	0,291	0,001	0,014	0,032	FALSE
0,058	0,267	0,002	0,011	0,081	FALSE
-0,013	0,273	0,000	0,014	0,008	FALSE
-0,111	0,270	-0,003	0,017	0,062	FALSE
-0,082	0,284	-0,004	0,014	0,115	FALSE
0,077	0,277	0,001	0,010	0,026	FALSE
-0,054	0,290	-0,001	0,009	0,031	FALSE
0,045	0,269	0,001	0,009	0,029	FALSE
-0,024	0,283	-0,003	0,013	0,092	FALSE
0,018	0,289	-0,001	0,016	0,020	FALSE
-0,134	0,277	-0,005	0,017	0,120	FALSE
-0,028	0,263	0,001	0,010	0,036	FALSE

-0,023	0,291	-0,001	0,010	0,018	FALSE
-0,001	0,285	0,001	0,013	0,039	FALSE
-0,073	0,287	-0,006	0,017	0,133	FALSE
-0,201	0,279	-0,010	0,014	0,331	FALSE
-0,223	0,258	-0,011	0,014	0,349	FALSE
0,003	0,283	0,002	0,010	0,063	FALSE
-0,048	0,289	-0,001	0,012	0,031	FALSE
-0,018	0,292	-0,001	0,011	0,023	FALSE
-0,013	0,272	0,002	0,015	0,050	FALSE
0,051	0,291	0,003	0,016	0,071	FALSE
0,107	0,281	0,007	0,015	0,180	FALSE
0,095	0,292	0,004	0,013	0,128	FALSE
-0,148	0,287	-0,004	0,011	0,144	FALSE
-0,123	0,285	-0,003	0,010	0,102	FALSE
-0,105	0,301	-0,002	0,010	0,086	FALSE
0,127	0,283	0,005	0,011	0,184	FALSE
-0,193	0,283	-0,006	0,011	0,234	FALSE
0,016	0,270	-0,001	0,009	0,048	FALSE
0,126	0,292	0,009	0,016	0,235	FALSE
0,012	0,284	0,000	0,012	0,010	FALSE
0,022	0,291	0,001	0,014	0,014	FALSE
-0,010	0,280	-0,001	0,013	0,036	FALSE
0,050	0,279	0,001	0,010	0,026	FALSE
0,034	0,289	0,000	0,011	0,002	FALSE
0,062	0,285	0,004	0,017	0,094	FALSE
-0,086	0,299	-0,005	0,016	0,134	FALSE
-0,150	0,277	-0,006	0,012	0,203	FALSE
-0,009	0,304	0,000	0,010	0,006	FALSE
-0,033	0,292	-0,002	0,016	0,041	FALSE
0,062	0,276	0,003	0,009	0,118	FALSE
-0,078	0,293	-0,003	0,009	0,114	FALSE
0,269	0,264	0,008	0,009	0,415	FALSE
0,267	0,257	0,007	0,008	0,430	FALSE
-0,056	0,275	-0,002	0,010	0,077	FALSE
-0,041	0,282	-0,003	0,015	0,071	FALSE
-0,005	0,280	0,000	0,015	0,002	FALSE
-0,033	0,294	-0,002	0,016	0,034	FALSE
0,064	0,280	0,001	0,011	0,040	FALSE
-0,189	0,277	-0,013	0,016	0,378	FALSE
-0,181	0,296	-0,008	0,012	0,310	FALSE
-0,042	0,278	-0,002	0,015	0,057	FALSE
-0,034	0,295	-0,002	0,010	0,056	FALSE
-0,015	0,289	-0,001	0,010	0,025	FALSE
-0,174	0,284	-0,006	0,011	0,223	FALSE
-0,223	0,273	-0,010	0,012	0,390	FALSE
-0,080	0,285	-0,001	0,008	0,049	FALSE
0,047	0,289	0,003	0,012	0,087	FALSE
-0,083	0,284	-0,002	0,011	0,070	FALSE
0,008	0,281	0,000	0,013	0,002	FALSE
-0,272	0,275	-0,011	0,012	0,429	FALSE
-0,028	0,275	-0,003	0,015	0,073	FALSE
-0,027	0,280	-0,002	0,015	0,053	FALSE
-0,119	0,285	-0,006	0,014	0,164	FALSE

-0,162	0,278	-0,007	0,015	0,203	FALSE
-0,180	0,271	-0,010	0,015	0,271	FALSE
0,094	0,282	0,003	0,016	0,071	FALSE
0,075	0,274	0,001	0,010	0,047	FALSE
-0,041	0,273	-0,004	0,014	0,117	FALSE
-0,018	0,286	-0,003	0,015	0,066	FALSE
0,139	0,290	0,009	0,018	0,210	FALSE
0,012	0,268	0,001	0,009	0,046	FALSE
0,084	0,289	0,005	0,014	0,135	FALSE
0,039	0,298	0,003	0,017	0,073	FALSE
-0,068	0,303	-0,006	0,018	0,147	FALSE
-0,087	0,293	-0,007	0,018	0,171	FALSE
-0,172	0,270	-0,008	0,013	0,255	FALSE
-0,064	0,293	-0,006	0,017	0,138	FALSE
-0,179	0,266	-0,008	0,013	0,280	FALSE
0,092	0,262	0,003	0,014	0,072	FALSE
-0,002	0,290	0,003	0,017	0,059	FALSE
-0,035	0,290	-0,001	0,016	0,025	FALSE
-0,175	0,306	-0,005	0,009	0,245	FALSE
-0,003	0,282	0,000	0,013	0,011	FALSE
-0,184	0,273	-0,009	0,016	0,256	FALSE
-0,043	0,307	0,000	0,011	0,003	FALSE
-0,065	0,297	-0,001	0,011	0,041	FALSE
-0,053	0,292	0,000	0,010	0,017	FALSE
0,074	0,271	0,002	0,013	0,058	FALSE
0,112	0,273	0,002	0,009	0,100	FALSE
-0,032	0,293	-0,001	0,010	0,051	FALSE
0,052	0,275	0,001	0,010	0,044	FALSE
-0,063	0,288	-0,003	0,017	0,071	FALSE
-0,187	0,271	-0,006	0,009	0,333	FALSE
-0,004	0,281	-0,001	0,010	0,034	FALSE
-0,050	0,289	0,000	0,009	0,002	FALSE
-0,016	0,273	-0,002	0,014	0,045	FALSE
0,011	0,294	0,001	0,017	0,017	FALSE
0,004	0,304	0,000	0,018	0,009	FALSE
0,039	0,301	0,002	0,018	0,045	FALSE
-0,090	0,287	-0,001	0,008	0,055	FALSE
-0,089	0,290	-0,001	0,008	0,048	FALSE
-0,036	0,305	-0,001	0,009	0,030	FALSE
-0,091	0,279	-0,005	0,013	0,177	FALSE
-0,042	0,298	0,001	0,013	0,028	FALSE
0,000	0,279	-0,002	0,013	0,051	FALSE
0,164	0,272	0,008	0,011	0,297	FALSE
0,015	0,271	0,001	0,016	0,013	FALSE
0,034	0,271	0,003	0,015	0,068	FALSE
-0,029	0,293	-0,003	0,017	0,055	FALSE
-0,043	0,284	-0,003	0,016	0,073	FALSE
0,051	0,278	0,003	0,016	0,060	FALSE
0,058	0,260	0,004	0,013	0,130	FALSE
0,074	0,268	0,005	0,014	0,144	FALSE
0,029	0,265	0,002	0,013	0,043	FALSE
0,044	0,282	0,002	0,014	0,055	FALSE
0,042	0,298	0,002	0,010	0,075	FALSE

-0,045	0,291	-0,002	0,009	0,077	FALSE
-0,044	0,288	-0,002	0,009	0,071	FALSE
-0,058	0,268	-0,003	0,015	0,080	FALSE
-0,104	0,268	-0,003	0,012	0,088	FALSE
0,063	0,284	0,002	0,012	0,077	FALSE
0,044	0,280	0,001	0,009	0,027	FALSE
0,151	0,273	0,005	0,014	0,146	FALSE
0,112	0,263	0,004	0,017	0,102	FALSE
-0,007	0,272	-0,001	0,014	0,028	FALSE
-0,001	0,298	0,000	0,017	0,006	FALSE
-0,019	0,282	-0,001	0,015	0,025	FALSE
0,106	0,289	0,005	0,016	0,131	FALSE
0,115	0,278	0,006	0,016	0,148	FALSE
-0,162	0,298	-0,005	0,010	0,203	FALSE
0,091	0,293	0,004	0,016	0,106	FALSE
0,098	0,269	0,005	0,017	0,109	FALSE
0,231	0,292	0,012	0,017	0,334	FALSE
0,239	0,279	0,013	0,017	0,337	FALSE
0,028	0,293	0,001	0,012	0,023	FALSE
-0,072	0,274	-0,003	0,016	0,076	FALSE
-0,047	0,304	-0,001	0,011	0,028	FALSE
-0,071	0,270	-0,002	0,009	0,069	FALSE
0,210	0,283	0,006	0,011	0,229	FALSE
0,135	0,286	0,007	0,018	0,145	FALSE
0,204	0,275	0,006	0,012	0,212	FALSE
0,157	0,262	0,006	0,014	0,169	FALSE
-0,151	0,287	-0,007	0,018	0,148	FALSE
-0,015	0,272	-0,001	0,015	0,014	FALSE
-0,192	0,278	-0,006	0,009	0,267	FALSE
-0,054	0,292	-0,003	0,012	0,093	FALSE
-0,039	0,291	0,000	0,014	0,008	FALSE
0,030	0,289	0,002	0,009	0,100	FALSE
-0,002	0,285	0,001	0,016	0,025	FALSE
0,035	0,284	0,002	0,009	0,080	FALSE
-0,091	0,280	-0,001	0,009	0,058	FALSE
-0,105	0,296	-0,002	0,009	0,087	FALSE
-0,042	0,271	-0,002	0,013	0,047	FALSE
-0,023	0,300	0,000	0,016	0,011	FALSE
0,026	0,296	0,003	0,018	0,055	FALSE
0,085	0,276	0,003	0,010	0,097	FALSE
-0,184	0,276	-0,008	0,014	0,236	FALSE
-0,083	0,281	-0,002	0,011	0,080	FALSE
0,045	0,280	0,002	0,013	0,062	FALSE
0,084	0,261	0,004	0,012	0,151	FALSE
-0,097	0,280	-0,005	0,013	0,163	FALSE
0,021	0,290	-0,001	0,011	0,031	FALSE
0,058	0,278	0,001	0,014	0,013	FALSE
-0,164	0,281	-0,004	0,010	0,164	FALSE
-0,109	0,283	-0,004	0,012	0,124	FALSE
-0,014	0,284	0,000	0,011	0,003	FALSE
0,145	0,270	0,005	0,011	0,185	FALSE
0,044	0,288	0,002	0,014	0,051	FALSE
0,043	0,276	0,001	0,012	0,028	FALSE

-0,010	0,280	-0,003	0,016	0,078	FALSE
0,018	0,289	0,001	0,010	0,056	FALSE
-0,071	0,292	-0,001	0,010	0,048	FALSE
0,043	0,297	0,002	0,012	0,058	FALSE
-0,033	0,283	-0,001	0,013	0,040	FALSE
-0,045	0,302	-0,001	0,015	0,030	FALSE
0,022	0,281	0,002	0,011	0,049	FALSE
0,146	0,285	0,007	0,017	0,161	FALSE
-0,046	0,290	-0,005	0,018	0,101	FALSE
0,107	0,284	0,004	0,009	0,171	FALSE
-0,064	0,283	-0,003	0,014	0,087	FALSE
0,185	0,286	0,007	0,011	0,272	FALSE
0,051	0,278	0,003	0,012	0,081	FALSE
-0,137	0,285	-0,006	0,013	0,203	FALSE
-0,227	0,273	-0,012	0,016	0,346	FALSE
0,106	0,273	0,002	0,017	0,042	FALSE
0,070	0,295	0,002	0,009	0,107	FALSE
-0,014	0,299	0,001	0,015	0,012	FALSE
-0,176	0,267	-0,007	0,011	0,279	FALSE
-0,192	0,262	-0,007	0,010	0,319	FALSE
0,193	0,272	0,009	0,017	0,221	FALSE
0,014	0,284	0,000	0,009	0,001	FALSE
-0,128	0,262	-0,004	0,009	0,203	FALSE
-0,113	0,287	-0,007	0,017	0,178	FALSE
-0,058	0,283	-0,003	0,010	0,125	FALSE
-0,087	0,277	-0,005	0,017	0,107	FALSE
-0,038	0,285	0,000	0,013	0,004	FALSE
0,072	0,282	0,003	0,012	0,092	FALSE
0,054	0,280	0,001	0,017	0,016	FALSE
0,031	0,286	-0,001	0,017	0,012	FALSE
0,183	0,284	0,006	0,011	0,242	FALSE
-0,100	0,298	-0,003	0,010	0,097	FALSE
-0,031	0,265	0,000	0,016	0,001	FALSE
0,064	0,281	0,002	0,015	0,050	FALSE
-0,111	0,280	-0,005	0,015	0,125	FALSE
0,010	0,296	0,001	0,011	0,030	FALSE
-0,023	0,289	0,000	0,011	0,013	FALSE
-0,037	0,285	-0,002	0,011	0,051	FALSE
0,060	0,284	0,001	0,012	0,028	FALSE
0,211	0,282	0,009	0,015	0,243	FALSE
-0,098	0,285	-0,003	0,010	0,106	FALSE
-0,097	0,283	-0,003	0,010	0,104	FALSE
0,209	0,276	0,005	0,009	0,249	FALSE
-0,055	0,293	-0,001	0,010	0,048	FALSE
0,046	0,294	0,002	0,010	0,074	FALSE
-0,072	0,284	-0,003	0,014	0,090	FALSE
-0,077	0,299	-0,002	0,011	0,068	FALSE
0,118	0,264	0,002	0,008	0,105	FALSE
0,020	0,289	0,000	0,017	0,006	FALSE
0,206	0,268	0,005	0,010	0,237	FALSE
-0,071	0,281	-0,002	0,009	0,080	FALSE
0,013	0,294	0,001	0,009	0,035	FALSE
-0,127	0,271	-0,004	0,008	0,208	FALSE

0,091	0,277	0,002	0,010	0,072	FALSE
-0,078	0,264	-0,003	0,011	0,107	FALSE
-0,132	0,286	-0,006	0,010	0,248	FALSE
-0,032	0,269	-0,001	0,008	0,048	FALSE
0,052	0,281	0,002	0,009	0,068	FALSE
-0,086	0,289	-0,003	0,010	0,126	FALSE
0,055	0,295	0,003	0,012	0,091	FALSE
-0,098	0,285	-0,004	0,013	0,111	FALSE
-0,049	0,290	-0,001	0,011	0,026	FALSE
-0,111	0,282	-0,006	0,016	0,146	FALSE
-0,157	0,288	-0,009	0,018	0,222	FALSE
0,235	0,272	0,008	0,011	0,367	FALSE
0,179	0,278	0,008	0,012	0,287	FALSE
-0,072	0,273	-0,002	0,010	0,089	FALSE
-0,013	0,276	-0,001	0,015	0,013	FALSE
-0,031	0,282	0,000	0,009	0,013	FALSE
0,206	0,267	0,010	0,015	0,307	FALSE
-0,010	0,292	0,000	0,009	0,000	FALSE
-0,028	0,288	-0,001	0,010	0,024	FALSE
-0,040	0,274	-0,001	0,009	0,043	FALSE
0,036	0,290	0,000	0,011	0,011	FALSE
-0,210	0,281	-0,012	0,017	0,310	FALSE
-0,203	0,275	-0,012	0,017	0,301	FALSE
-0,128	0,290	-0,003	0,009	0,119	FALSE
0,187	0,272	0,010	0,016	0,257	FALSE
-0,043	0,286	-0,002	0,010	0,066	FALSE
-0,051	0,289	-0,003	0,012	0,090	FALSE
-0,045	0,280	-0,003	0,011	0,092	FALSE
-0,009	0,285	-0,001	0,011	0,046	FALSE
-0,136	0,275	-0,006	0,011	0,232	FALSE
0,070	0,273	0,002	0,011	0,070	FALSE
-0,017	0,289	-0,001	0,014	0,019	FALSE
-0,001	0,294	0,001	0,016	0,022	FALSE
0,041	0,283	0,000	0,010	0,015	FALSE
0,089	0,283	0,003	0,012	0,108	FALSE
-0,008	0,302	0,001	0,010	0,018	FALSE
0,141	0,276	0,004	0,009	0,180	FALSE
0,117	0,282	0,006	0,017	0,145	FALSE
0,110	0,292	0,004	0,010	0,142	FALSE
0,102	0,293	0,003	0,010	0,104	FALSE
0,137	0,273	0,005	0,010	0,202	FALSE
0,099	0,279	0,003	0,016	0,061	FALSE
0,202	0,268	0,009	0,016	0,235	FALSE
0,044	0,286	0,001	0,010	0,042	FALSE
0,190	0,266	0,008	0,012	0,278	FALSE
-0,029	0,290	-0,001	0,017	0,025	FALSE
0,132	0,278	0,006	0,013	0,204	FALSE
0,013	0,297	0,000	0,017	0,004	FALSE
-0,082	0,263	-0,004	0,010	0,145	FALSE
0,004	0,288	0,001	0,014	0,017	FALSE
0,164	0,274	0,005	0,009	0,242	FALSE
0,074	0,295	0,005	0,016	0,114	FALSE
-0,033	0,284	-0,001	0,016	0,035	FALSE

-0,025	0,285	-0,001	0,016	0,033	FALSE
-0,016	0,276	0,000	0,014	0,005	FALSE
-0,069	0,285	-0,003	0,012	0,109	FALSE
0,148	0,281	0,004	0,010	0,166	FALSE
0,064	0,278	0,002	0,011	0,054	FALSE
-0,108	0,276	-0,002	0,011	0,088	FALSE
0,153	0,288	0,013	0,018	0,322	FALSE
0,038	0,279	0,004	0,018	0,085	FALSE
0,034	0,269	0,000	0,011	0,006	FALSE
0,075	0,278	0,001	0,012	0,038	FALSE
0,101	0,284	0,004	0,013	0,108	FALSE
-0,145	0,279	-0,007	0,012	0,229	FALSE
-0,170	0,281	-0,007	0,014	0,229	FALSE
-0,109	0,288	-0,005	0,014	0,149	FALSE
-0,037	0,279	-0,001	0,010	0,036	FALSE
-0,045	0,280	-0,001	0,010	0,037	FALSE
-0,010	0,280	0,001	0,010	0,043	FALSE
-0,094	0,295	-0,005	0,013	0,138	FALSE
0,222	0,276	0,011	0,014	0,357	FALSE
-0,069	0,280	-0,006	0,014	0,155	FALSE
0,030	0,301	0,002	0,017	0,044	FALSE
-0,006	0,275	0,003	0,017	0,068	FALSE
0,080	0,276	0,005	0,012	0,160	FALSE
-0,039	0,273	-0,002	0,013	0,069	FALSE
0,012	0,264	0,000	0,012	0,001	FALSE
0,042	0,263	0,002	0,012	0,062	FALSE
0,060	0,274	0,002	0,011	0,069	FALSE
0,040	0,272	0,002	0,011	0,056	FALSE
0,062	0,273	0,003	0,011	0,100	FALSE
0,069	0,262	0,003	0,010	0,127	FALSE
0,005	0,293	0,000	0,018	0,007	FALSE
-0,189	0,279	-0,010	0,014	0,320	FALSE
-0,093	0,285	-0,003	0,009	0,132	FALSE
-0,200	0,286	-0,008	0,014	0,256	FALSE
0,002	0,289	0,001	0,009	0,039	FALSE
-0,048	0,279	-0,003	0,017	0,074	FALSE
-0,054	0,290	0,000	0,014	0,010	FALSE
-0,047	0,298	-0,005	0,018	0,113	FALSE
0,012	0,295	0,001	0,009	0,060	FALSE
-0,123	0,276	-0,010	0,017	0,246	FALSE
-0,118	0,279	-0,003	0,009	0,106	FALSE
-0,030	0,294	0,000	0,017	0,006	FALSE
-0,068	0,284	-0,006	0,017	0,137	FALSE
0,072	0,276	0,003	0,009	0,106	FALSE
0,149	0,272	0,006	0,009	0,266	FALSE
-0,009	0,283	0,002	0,012	0,049	FALSE
0,123	0,267	0,004	0,011	0,166	FALSE
0,189	0,268	0,008	0,015	0,249	FALSE
0,057	0,291	0,003	0,017	0,070	FALSE
-0,055	0,284	-0,002	0,014	0,059	FALSE
-0,080	0,285	-0,002	0,017	0,051	FALSE
0,087	0,297	0,003	0,013	0,094	FALSE
0,245	0,265	0,008	0,011	0,316	FALSE

0,092	0,281	0,005	0,014	0,133	FALSE
-0,126	0,295	-0,004	0,009	0,172	FALSE
0,013	0,284	-0,001	0,014	0,023	FALSE
0,045	0,287	0,002	0,008	0,085	FALSE
-0,160	0,288	-0,006	0,011	0,227	FALSE
0,086	0,290	0,004	0,012	0,142	FALSE
-0,093	0,291	-0,003	0,013	0,086	FALSE
0,009	0,304	0,000	0,018	0,000	FALSE
0,020	0,288	0,000	0,010	0,012	FALSE
-0,060	0,283	-0,002	0,013	0,068	FALSE
-0,078	0,289	-0,002	0,009	0,091	FALSE
0,017	0,286	0,000	0,014	0,010	FALSE
0,145	0,290	0,004	0,011	0,152	FALSE
0,043	0,284	0,005	0,013	0,148	FALSE
0,006	0,302	-0,001	0,010	0,025	FALSE
-0,149	0,288	-0,005	0,010	0,211	FALSE
0,049	0,297	0,001	0,017	0,020	FALSE
0,042	0,286	0,000	0,011	0,012	FALSE
-0,081	0,284	-0,004	0,016	0,084	FALSE
-0,097	0,312	-0,005	0,018	0,115	FALSE
0,071	0,289	0,002	0,014	0,056	FALSE
-0,150	0,287	-0,008	0,014	0,226	FALSE
0,111	0,279	0,006	0,014	0,190	FALSE
-0,034	0,282	-0,002	0,009	0,077	FALSE
0,010	0,292	0,001	0,018	0,021	FALSE
-0,036	0,281	-0,002	0,009	0,103	FALSE
0,018	0,290	-0,001	0,013	0,028	FALSE
-0,026	0,281	-0,001	0,008	0,027	FALSE
0,148	0,274	0,007	0,015	0,200	FALSE
-0,134	0,281	-0,007	0,017	0,170	FALSE
0,078	0,288	0,003	0,010	0,107	FALSE
-0,009	0,294	-0,001	0,018	0,022	FALSE
0,089	0,281	0,002	0,010	0,067	FALSE
-0,069	0,266	-0,003	0,012	0,108	FALSE
-0,096	0,274	-0,006	0,013	0,175	FALSE
0,022	0,283	0,000	0,010	0,015	FALSE
-0,057	0,279	-0,001	0,013	0,033	FALSE
-0,068	0,311	-0,006	0,017	0,146	FALSE
0,033	0,269	0,000	0,011	0,010	FALSE
0,086	0,292	0,005	0,013	0,144	FALSE
0,043	0,287	0,001	0,008	0,036	FALSE
0,061	0,286	0,001	0,013	0,019	FALSE
0,072	0,282	0,002	0,011	0,069	FALSE
-0,126	0,278	-0,007	0,015	0,198	FALSE
0,167	0,269	0,012	0,017	0,328	FALSE
0,023	0,307	0,002	0,013	0,050	FALSE
0,077	0,272	0,002	0,013	0,056	FALSE
-0,057	0,285	-0,003	0,011	0,115	FALSE
-0,027	0,292	-0,002	0,009	0,065	FALSE
-0,165	0,294	-0,006	0,011	0,205	FALSE
-0,215	0,273	-0,008	0,010	0,342	FALSE
0,051	0,267	0,002	0,011	0,051	FALSE
0,041	0,263	0,001	0,011	0,021	FALSE

0,032	0,260	0,001	0,011	0,031	FALSE
-0,146	0,272	-0,008	0,016	0,202	FALSE
-0,152	0,282	-0,008	0,017	0,190	FALSE
-0,073	0,283	-0,002	0,010	0,060	FALSE
0,118	0,275	0,004	0,009	0,183	FALSE
0,056	0,271	0,002	0,017	0,045	FALSE
-0,114	0,275	-0,004	0,010	0,153	FALSE
0,026	0,295	0,004	0,017	0,079	FALSE
-0,126	0,266	-0,002	0,008	0,103	FALSE
0,142	0,281	0,009	0,015	0,237	FALSE
-0,139	0,292	-0,005	0,017	0,111	FALSE
-0,105	0,287	-0,004	0,017	0,089	FALSE
0,258	0,258	0,008	0,011	0,315	FALSE
0,085	0,289	0,005	0,011	0,194	FALSE
0,124	0,293	0,004	0,012	0,117	FALSE
-0,126	0,296	-0,004	0,010	0,177	FALSE
0,270	0,267	0,014	0,013	0,555	FALSE
-0,031	0,279	-0,002	0,010	0,061	FALSE
0,087	0,296	0,006	0,018	0,129	FALSE
-0,111	0,275	-0,009	0,018	0,202	FALSE
-0,153	0,292	-0,004	0,009	0,188	FALSE
0,178	0,283	0,007	0,013	0,222	FALSE
0,033	0,292	0,001	0,012	0,034	FALSE
-0,041	0,292	-0,003	0,015	0,067	FALSE
-0,092	0,283	-0,006	0,015	0,158	FALSE
-0,119	0,274	-0,004	0,009	0,166	FALSE
0,054	0,280	0,000	0,012	0,002	FALSE
-0,044	0,282	-0,003	0,016	0,074	FALSE
0,093	0,284	0,002	0,010	0,088	FALSE
0,081	0,268	0,002	0,009	0,089	FALSE
0,108	0,272	0,002	0,009	0,093	FALSE
0,021	0,286	0,002	0,009	0,068	FALSE
-0,027	0,292	-0,001	0,010	0,045	FALSE
0,117	0,283	0,005	0,013	0,139	FALSE
0,025	0,280	-0,001	0,016	0,022	FALSE
0,020	0,274	-0,001	0,016	0,013	FALSE
-0,100	0,300	-0,004	0,014	0,111	FALSE
0,011	0,286	0,001	0,016	0,023	FALSE
0,017	0,299	-0,001	0,017	0,014	FALSE
-0,036	0,289	-0,001	0,010	0,024	FALSE
0,158	0,275	0,003	0,009	0,148	FALSE
0,021	0,280	0,000	0,012	0,003	FALSE
-0,043	0,293	-0,002	0,012	0,055	FALSE
0,057	0,286	0,002	0,017	0,038	FALSE
-0,049	0,284	-0,004	0,016	0,095	FALSE
0,029	0,289	0,002	0,012	0,068	FALSE
0,053	0,285	0,002	0,009	0,093	FALSE
0,158	0,277	0,006	0,011	0,212	FALSE
-0,008	0,276	-0,001	0,009	0,036	FALSE
-0,023	0,283	-0,001	0,009	0,050	FALSE
0,043	0,291	0,002	0,015	0,061	FALSE
0,158	0,281	0,006	0,012	0,219	FALSE
0,072	0,302	0,005	0,018	0,117	FALSE

0,065	0,279	0,001	0,009	0,044	FALSE
0,101	0,278	0,003	0,009	0,122	FALSE
-0,127	0,286	-0,006	0,018	0,127	FALSE
-0,117	0,274	-0,004	0,009	0,172	FALSE
-0,095	0,291	-0,002	0,009	0,088	FALSE
0,041	0,276	0,002	0,012	0,056	FALSE
-0,075	0,284	-0,001	0,012	0,024	FALSE
-0,187	0,285	-0,011	0,017	0,283	FALSE
-0,137	0,279	-0,007	0,012	0,231	FALSE
-0,173	0,288	-0,010	0,014	0,322	FALSE
0,084	0,295	0,005	0,015	0,124	FALSE
0,077	0,280	0,004	0,011	0,149	FALSE
-0,141	0,265	-0,008	0,015	0,234	FALSE
-0,162	0,270	-0,006	0,010	0,236	FALSE
-0,045	0,291	0,000	0,010	0,012	FALSE
0,136	0,282	0,004	0,009	0,178	FALSE
0,112	0,289	0,006	0,018	0,131	FALSE
-0,001	0,277	0,001	0,016	0,021	FALSE
-0,197	0,272	-0,008	0,013	0,265	FALSE
0,113	0,290	0,004	0,009	0,209	FALSE
0,119	0,286	0,005	0,009	0,222	FALSE
0,048	0,271	0,002	0,014	0,056	FALSE
-0,075	0,275	-0,001	0,015	0,024	FALSE
0,143	0,274	0,003	0,009	0,105	FALSE
0,032	0,285	0,001	0,012	0,019	FALSE
0,090	0,283	0,005	0,013	0,139	FALSE
0,081	0,278	0,005	0,013	0,147	FALSE
-0,022	0,287	-0,002	0,010	0,090	FALSE
0,002	0,290	0,001	0,010	0,018	FALSE
-0,164	0,286	-0,008	0,014	0,239	FALSE
0,112	0,285	0,004	0,017	0,087	FALSE
0,117	0,272	0,004	0,017	0,092	FALSE
-0,075	0,275	-0,003	0,017	0,061	FALSE
-0,024	0,297	-0,002	0,017	0,038	FALSE
-0,064	0,266	-0,003	0,015	0,076	FALSE
-0,195	0,285	-0,007	0,010	0,318	FALSE
-0,018	0,300	-0,001	0,018	0,025	FALSE
-0,125	0,284	-0,007	0,015	0,189	FALSE
0,006	0,278	0,000	0,013	0,001	FALSE
-0,224	0,274	-0,014	0,017	0,397	FALSE
-0,055	0,281	-0,002	0,012	0,047	FALSE
0,064	0,284	0,001	0,009	0,062	FALSE
-0,045	0,278	-0,003	0,015	0,069	FALSE
-0,129	0,295	-0,005	0,012	0,161	FALSE
0,108	0,300	0,004	0,013	0,111	FALSE
0,033	0,278	0,002	0,014	0,056	FALSE
-0,110	0,275	-0,003	0,009	0,147	FALSE
0,031	0,279	0,001	0,013	0,033	FALSE
0,018	0,289	0,002	0,013	0,067	FALSE
0,056	0,277	0,000	0,014	0,004	FALSE
0,023	0,276	0,003	0,017	0,060	FALSE
0,032	0,273	-0,001	0,012	0,019	FALSE
0,018	0,296	0,000	0,009	0,011	FALSE

0,101	0,271	0,002	0,011	0,076	FALSE
-0,125	0,295	-0,004	0,010	0,177	FALSE
0,129	0,285	0,004	0,009	0,201	FALSE
-0,066	0,294	-0,002	0,016	0,055	FALSE
-0,119	0,283	-0,008	0,017	0,204	FALSE
0,081	0,288	0,006	0,017	0,153	FALSE
0,015	0,290	0,001	0,009	0,041	FALSE
0,008	0,275	0,001	0,013	0,028	FALSE
0,213	0,285	0,008	0,012	0,296	FALSE
0,035	0,289	0,001	0,016	0,029	FALSE
-0,187	0,290	-0,005	0,010	0,238	FALSE
-0,046	0,267	0,002	0,016	0,037	FALSE
0,014	0,277	0,005	0,016	0,115	FALSE
0,023	0,281	0,005	0,016	0,134	FALSE
-0,063	0,288	-0,003	0,012	0,084	FALSE
-0,073	0,296	-0,003	0,010	0,098	FALSE
-0,064	0,270	-0,001	0,009	0,060	FALSE
0,078	0,283	0,002	0,011	0,063	FALSE
0,098	0,277	0,002	0,011	0,084	FALSE
0,131	0,279	0,004	0,009	0,207	FALSE
-0,107	0,282	-0,003	0,010	0,108	FALSE
-0,126	0,289	-0,003	0,010	0,138	FALSE
0,182	0,274	0,008	0,013	0,251	FALSE
0,172	0,279	0,007	0,012	0,229	FALSE
0,062	0,270	0,002	0,010	0,083	FALSE
0,123	0,270	0,003	0,009	0,135	FALSE
0,108	0,272	0,003	0,009	0,122	FALSE
-0,004	0,284	-0,002	0,009	0,069	FALSE
0,201	0,276	0,008	0,013	0,267	FALSE
0,202	0,265	0,008	0,013	0,299	FALSE
0,129	0,279	0,003	0,009	0,150	FALSE
-0,017	0,299	-0,002	0,013	0,054	FALSE
0,075	0,280	0,003	0,014	0,087	FALSE
-0,035	0,289	-0,001	0,009	0,042	FALSE
-0,055	0,287	-0,001	0,009	0,055	FALSE
0,012	0,286	-0,001	0,012	0,021	FALSE
-0,063	0,299	-0,004	0,016	0,087	FALSE
-0,023	0,282	0,000	0,011	0,010	FALSE
0,039	0,275	-0,001	0,016	0,014	FALSE
-0,039	0,289	0,000	0,012	0,007	FALSE
0,056	0,288	0,002	0,010	0,069	FALSE
0,073	0,286	0,004	0,014	0,094	FALSE
-0,029	0,293	-0,001	0,018	0,014	FALSE
-0,046	0,276	0,000	0,012	0,009	FALSE
0,088	0,267	0,003	0,009	0,152	FALSE
0,027	0,282	0,002	0,012	0,056	FALSE
0,172	0,270	0,006	0,012	0,187	FALSE
-0,011	0,293	0,000	0,011	0,004	FALSE
0,042	0,293	0,002	0,016	0,045	FALSE
-0,197	0,269	-0,006	0,010	0,232	FALSE
-0,092	0,281	-0,004	0,013	0,133	FALSE
-0,053	0,275	-0,002	0,012	0,072	FALSE
-0,126	0,271	-0,006	0,013	0,174	FALSE

-0,006	0,293	0,000	0,011	0,011	FALSE
0,009	0,274	0,000	0,010	0,008	FALSE
-0,128	0,282	-0,005	0,014	0,147	FALSE
-0,064	0,267	-0,004	0,011	0,132	FALSE
-0,007	0,282	0,000	0,011	0,008	FALSE
-0,054	0,278	-0,001	0,010	0,048	FALSE
-0,045	0,282	-0,001	0,009	0,023	FALSE
-0,054	0,273	-0,001	0,015	0,031	FALSE
0,256	0,244	0,010	0,016	0,291	FALSE
-0,141	0,272	-0,004	0,017	0,094	FALSE
-0,012	0,296	-0,002	0,012	0,047	FALSE
-0,213	0,287	-0,005	0,009	0,255	FALSE
-0,245	0,284	-0,010	0,014	0,312	FALSE
-0,021	0,298	-0,001	0,010	0,031	FALSE
-0,152	0,287	-0,008	0,016	0,189	FALSE
0,168	0,272	0,005	0,008	0,246	FALSE
0,133	0,267	0,004	0,014	0,114	FALSE
-0,045	0,299	-0,003	0,013	0,078	FALSE
0,010	0,287	-0,002	0,014	0,048	FALSE
0,058	0,258	0,005	0,016	0,110	FALSE
0,019	0,270	0,003	0,016	0,059	FALSE
0,038	0,263	0,004	0,016	0,086	FALSE
-0,073	0,277	-0,001	0,013	0,027	FALSE
0,179	0,259	0,007	0,015	0,199	FALSE
0,100	0,280	0,002	0,009	0,105	FALSE
0,053	0,295	0,003	0,012	0,083	FALSE
0,061	0,285	0,003	0,011	0,105	FALSE
0,057	0,263	0,002	0,016	0,035	FALSE
-0,020	0,281	-0,001	0,018	0,013	FALSE
0,017	0,284	0,001	0,018	0,027	FALSE
-0,002	0,280	0,000	0,016	0,001	FALSE
0,029	0,295	0,001	0,018	0,025	FALSE
-0,074	0,286	-0,002	0,012	0,049	FALSE
-0,106	0,290	-0,002	0,010	0,083	FALSE
0,127	0,272	0,003	0,010	0,109	FALSE
-0,023	0,282	-0,001	0,012	0,040	FALSE
-0,194	0,281	-0,009	0,016	0,259	FALSE
0,261	0,269	0,011	0,013	0,403	FALSE
-0,074	0,283	-0,004	0,016	0,084	FALSE
0,277	0,266	0,015	0,015	0,495	FALSE
-0,074	0,274	-0,004	0,011	0,126	FALSE
-0,013	0,289	0,001	0,010	0,039	FALSE
-0,029	0,293	-0,002	0,016	0,039	FALSE
0,036	0,297	0,002	0,015	0,050	FALSE
0,012	0,280	-0,002	0,015	0,053	FALSE
-0,099	0,297	-0,003	0,017	0,074	FALSE
-0,059	0,276	-0,002	0,014	0,041	FALSE
-0,170	0,284	-0,007	0,015	0,185	FALSE
-0,017	0,279	-0,001	0,013	0,015	FALSE
-0,086	0,278	-0,005	0,013	0,146	FALSE
0,272	0,265	0,013	0,017	0,366	FALSE
0,051	0,275	0,000	0,010	0,008	FALSE
0,074	0,275	0,006	0,014	0,188	FALSE

0,165	0,286	0,009	0,014	0,306	FALSE
-0,044	0,301	-0,002	0,013	0,062	FALSE
-0,109	0,289	-0,003	0,009	0,120	FALSE
-0,054	0,294	-0,001	0,011	0,025	FALSE
0,015	0,286	0,002	0,017	0,044	FALSE
0,085	0,285	0,005	0,017	0,117	FALSE
0,023	0,284	0,003	0,013	0,085	FALSE
-0,040	0,286	-0,004	0,017	0,085	FALSE
0,015	0,289	0,000	0,012	0,006	FALSE
0,061	0,270	0,006	0,017	0,151	FALSE
0,029	0,289	0,001	0,017	0,023	FALSE
0,078	0,286	0,001	0,016	0,024	FALSE
0,059	0,283	0,000	0,016	0,006	FALSE
-0,088	0,277	-0,005	0,016	0,133	FALSE
-0,121	0,279	-0,002	0,012	0,062	FALSE
0,006	0,285	0,002	0,014	0,065	FALSE
0,168	0,284	0,005	0,011	0,204	FALSE
-0,226	0,289	-0,008	0,010	0,353	FALSE
0,021	0,289	0,000	0,008	0,004	FALSE
-0,031	0,275	-0,001	0,010	0,025	FALSE
-0,049	0,285	-0,002	0,009	0,084	FALSE
0,154	0,272	0,004	0,010	0,168	FALSE
0,021	0,285	0,002	0,013	0,050	FALSE
-0,115	0,285	-0,004	0,013	0,120	FALSE
-0,050	0,279	-0,002	0,011	0,072	FALSE
0,082	0,290	0,002	0,011	0,085	FALSE
0,011	0,288	0,001	0,015	0,024	FALSE
0,003	0,289	0,000	0,009	0,008	FALSE
-0,033	0,283	0,001	0,017	0,013	FALSE
-0,027	0,296	-0,002	0,018	0,033	FALSE
0,009	0,285	0,002	0,013	0,050	FALSE
0,183	0,271	0,005	0,009	0,228	FALSE
0,160	0,263	0,004	0,009	0,210	FALSE
0,119	0,294	0,003	0,016	0,079	FALSE
0,013	0,291	0,001	0,013	0,024	FALSE
0,137	0,284	0,006	0,017	0,134	FALSE
-0,139	0,277	-0,005	0,009	0,259	FALSE
0,044	0,290	0,001	0,009	0,027	FALSE
0,105	0,283	0,004	0,012	0,135	FALSE
0,207	0,264	0,006	0,012	0,225	FALSE
-0,061	0,278	-0,004	0,017	0,077	FALSE
-0,080	0,297	-0,003	0,010	0,109	FALSE
-0,088	0,290	-0,002	0,009	0,094	FALSE
0,027	0,293	0,002	0,015	0,060	FALSE
-0,015	0,293	0,000	0,010	0,001	FALSE
0,035	0,281	0,002	0,013	0,053	FALSE
-0,026	0,284	0,000	0,012	0,010	FALSE
0,104	0,287	0,003	0,018	0,070	FALSE
-0,017	0,269	-0,001	0,011	0,030	FALSE
0,130	0,305	0,008	0,017	0,195	FALSE
0,006	0,289	0,000	0,012	0,001	FALSE
0,009	0,299	0,001	0,015	0,022	FALSE
-0,016	0,294	-0,001	0,012	0,044	FALSE

-0,004	0,289	0,000	0,015	0,010	FALSE
-0,078	0,283	-0,003	0,009	0,123	FALSE
-0,072	0,302	-0,004	0,016	0,081	FALSE
0,022	0,282	0,001	0,011	0,025	FALSE
0,013	0,285	0,002	0,012	0,068	FALSE
-0,094	0,273	-0,007	0,017	0,164	FALSE
-0,176	0,281	-0,010	0,015	0,291	FALSE
0,019	0,286	0,003	0,013	0,106	FALSE
-0,066	0,274	-0,002	0,017	0,038	FALSE
0,009	0,305	0,001	0,017	0,012	FALSE
-0,142	0,286	-0,004	0,008	0,230	FALSE
0,064	0,268	0,003	0,011	0,091	FALSE
-0,081	0,281	-0,006	0,015	0,146	FALSE
-0,166	0,276	-0,007	0,012	0,249	FALSE
-0,046	0,297	0,000	0,009	0,015	FALSE
0,131	0,279	0,005	0,010	0,201	FALSE
-0,097	0,276	-0,007	0,017	0,154	FALSE
0,029	0,288	0,002	0,012	0,071	FALSE
0,026	0,281	0,000	0,016	0,008	FALSE
0,119	0,269	0,005	0,010	0,215	FALSE
0,145	0,281	0,004	0,009	0,190	FALSE
0,129	0,278	0,006	0,016	0,154	FALSE
0,024	0,266	0,001	0,011	0,043	FALSE
0,036	0,272	0,002	0,013	0,064	FALSE
-0,161	0,281	-0,005	0,010	0,199	FALSE
-0,073	0,280	-0,002	0,012	0,052	FALSE
-0,153	0,265	-0,008	0,017	0,189	FALSE
0,053	0,284	0,003	0,017	0,058	FALSE
0,077	0,289	0,004	0,018	0,091	FALSE
-0,052	0,304	-0,002	0,009	0,085	FALSE
-0,155	0,286	-0,005	0,011	0,188	FALSE
0,032	0,277	0,003	0,010	0,092	FALSE
-0,002	0,289	0,000	0,010	0,003	FALSE
0,196	0,267	0,005	0,011	0,194	FALSE
0,021	0,294	0,002	0,010	0,080	FALSE
0,044	0,282	0,001	0,009	0,033	FALSE
0,156	0,289	0,007	0,014	0,222	FALSE
0,135	0,282	0,005	0,015	0,130	FALSE
0,155	0,288	0,006	0,015	0,171	FALSE
0,154	0,268	0,006	0,014	0,165	FALSE
0,060	0,302	0,002	0,017	0,047	FALSE
0,081	0,290	0,003	0,016	0,063	FALSE
0,000	0,289	0,001	0,015	0,032	FALSE
-0,133	0,278	-0,004	0,009	0,176	FALSE
-0,208	0,277	-0,006	0,009	0,311	FALSE
0,006	0,275	0,000	0,011	0,013	FALSE
-0,029	0,289	-0,001	0,012	0,020	FALSE
0,052	0,287	0,003	0,012	0,109	FALSE
0,055	0,283	0,003	0,012	0,108	FALSE
0,066	0,282	0,004	0,016	0,091	FALSE
-0,030	0,290	0,000	0,009	0,013	FALSE
-0,130	0,269	-0,005	0,010	0,221	FALSE
0,065	0,279	0,002	0,008	0,068	FALSE

-0,144	0,286	-0,005	0,010	0,195	FALSE
-0,187	0,270	-0,005	0,008	0,270	FALSE
-0,082	0,292	-0,004	0,017	0,082	FALSE
0,114	0,267	0,003	0,010	0,139	FALSE
0,091	0,281	0,001	0,009	0,048	FALSE
0,041	0,281	0,002	0,014	0,052	FALSE
-0,038	0,286	-0,004	0,018	0,088	FALSE
-0,145	0,280	-0,010	0,017	0,247	FALSE
0,137	0,285	0,008	0,017	0,182	FALSE
0,013	0,286	0,000	0,017	0,010	FALSE
0,009	0,288	0,001	0,016	0,020	FALSE
-0,127	0,283	-0,005	0,017	0,118	FALSE
0,169	0,296	0,010	0,016	0,261	FALSE
0,076	0,283	0,002	0,009	0,085	FALSE
-0,088	0,287	-0,004	0,013	0,121	FALSE
-0,057	0,287	-0,003	0,015	0,071	FALSE
-0,022	0,295	0,000	0,012	0,015	FALSE
-0,033	0,279	-0,002	0,010	0,059	FALSE
0,056	0,278	0,002	0,010	0,089	FALSE
-0,086	0,282	-0,002	0,010	0,089	FALSE
0,032	0,287	0,001	0,011	0,022	FALSE
0,144	0,282	0,003	0,008	0,154	FALSE
0,116	0,279	0,004	0,017	0,099	FALSE
-0,152	0,273	-0,005	0,015	0,121	FALSE
0,031	0,291	0,002	0,012	0,068	FALSE
0,157	0,276	0,004	0,011	0,158	FALSE
-0,082	0,271	-0,002	0,010	0,063	FALSE
0,117	0,276	0,003	0,017	0,070	FALSE
-0,014	0,285	-0,002	0,017	0,033	FALSE
0,069	0,280	0,002	0,013	0,055	FALSE
0,058	0,283	0,001	0,014	0,032	FALSE
0,020	0,279	0,000	0,009	0,008	FALSE
0,016	0,272	0,003	0,017	0,055	FALSE
-0,093	0,282	-0,005	0,017	0,123	FALSE
-0,133	0,285	-0,003	0,010	0,119	FALSE
0,022	0,269	0,001	0,009	0,027	FALSE
-0,097	0,280	-0,002	0,012	0,072	FALSE
0,005	0,283	0,001	0,012	0,028	FALSE
-0,059	0,287	-0,002	0,012	0,063	FALSE
-0,166	0,278	-0,005	0,009	0,211	FALSE
0,172	0,278	0,005	0,010	0,225	FALSE
-0,168	0,269	-0,005	0,011	0,220	FALSE
0,000	0,278	0,000	0,016	0,010	FALSE
-0,105	0,282	-0,005	0,016	0,118	FALSE
-0,055	0,294	-0,001	0,009	0,046	FALSE
-0,192	0,287	-0,010	0,018	0,240	FALSE
0,230	0,281	0,009	0,012	0,330	FALSE
-0,048	0,284	-0,002	0,016	0,036	FALSE
0,045	0,287	0,000	0,015	0,005	FALSE
-0,084	0,281	-0,006	0,016	0,158	FALSE
0,016	0,291	0,000	0,015	0,011	FALSE
0,175	0,289	0,009	0,014	0,266	FALSE
0,157	0,289	0,010	0,017	0,243	FALSE

-0,167	0,291	-0,005	0,009	0,210	FALSE
0,188	0,285	0,009	0,014	0,273	FALSE
-0,025	0,281	-0,002	0,016	0,040	FALSE
0,001	0,282	0,003	0,015	0,070	FALSE
-0,063	0,295	-0,005	0,018	0,101	FALSE
0,036	0,272	0,002	0,009	0,066	FALSE
0,119	0,271	0,006	0,013	0,196	FALSE
0,121	0,288	0,003	0,009	0,129	FALSE
0,268	0,269	0,015	0,017	0,430	FALSE
0,182	0,263	0,006	0,011	0,257	FALSE
0,129	0,285	0,005	0,014	0,149	FALSE
0,084	0,269	0,002	0,017	0,042	FALSE
-0,071	0,274	-0,003	0,017	0,071	FALSE
-0,127	0,286	-0,002	0,009	0,091	FALSE
-0,001	0,284	-0,002	0,012	0,053	FALSE
0,068	0,296	0,004	0,013	0,115	FALSE
0,005	0,299	0,001	0,010	0,024	FALSE
-0,030	0,283	-0,001	0,011	0,024	FALSE
-0,195	0,278	-0,010	0,015	0,282	FALSE
-0,087	0,295	-0,002	0,012	0,080	FALSE
0,012	0,289	0,001	0,012	0,042	FALSE
0,084	0,297	0,003	0,014	0,085	FALSE
0,112	0,292	0,005	0,014	0,142	FALSE
-0,181	0,284	-0,005	0,011	0,205	FALSE
0,025	0,301	0,003	0,012	0,093	FALSE
-0,012	0,271	-0,001	0,009	0,040	FALSE
-0,087	0,266	-0,010	0,015	0,273	FALSE
0,042	0,282	0,006	0,018	0,128	FALSE
-0,142	0,287	-0,008	0,015	0,204	FALSE
0,007	0,283	0,001	0,015	0,023	FALSE
-0,073	0,275	-0,004	0,014	0,116	FALSE
-0,090	0,274	-0,004	0,014	0,104	FALSE
-0,006	0,298	-0,002	0,016	0,057	FALSE
-0,225	0,268	-0,009	0,012	0,334	FALSE
0,041	0,262	0,004	0,017	0,088	FALSE
0,088	0,278	0,003	0,010	0,133	FALSE
-0,011	0,269	0,001	0,010	0,036	FALSE
-0,229	0,271	-0,012	0,018	0,299	FALSE
-0,106	0,275	-0,003	0,009	0,117	FALSE
0,165	0,278	0,010	0,017	0,248	FALSE
0,192	0,283	0,010	0,017	0,248	FALSE
0,148	0,285	0,007	0,016	0,182	FALSE
-0,029	0,281	-0,003	0,010	0,108	FALSE
-0,015	0,288	-0,001	0,011	0,050	FALSE
-0,070	0,288	-0,006	0,016	0,162	FALSE
0,058	0,280	0,001	0,008	0,023	FALSE
-0,163	0,277	-0,010	0,016	0,300	FALSE
0,109	0,280	0,005	0,010	0,208	FALSE
0,084	0,283	0,005	0,010	0,198	FALSE
-0,074	0,285	-0,003	0,014	0,069	FALSE
-0,149	0,279	-0,008	0,018	0,186	FALSE
-0,012	0,274	-0,001	0,014	0,021	FALSE
0,190	0,280	0,011	0,018	0,287	FALSE

-0,129	0,294	-0,005	0,011	0,181	FALSE
-0,034	0,276	0,001	0,008	0,036	FALSE
-0,064	0,285	-0,003	0,016	0,069	FALSE
-0,021	0,280	-0,001	0,010	0,043	FALSE
-0,083	0,268	-0,003	0,011	0,113	FALSE
-0,141	0,280	-0,003	0,009	0,144	FALSE
-0,042	0,276	0,000	0,017	0,003	FALSE
0,044	0,290	0,000	0,009	0,010	FALSE
-0,044	0,280	0,001	0,011	0,017	FALSE
-0,044	0,279	-0,003	0,013	0,072	FALSE
-0,076	0,291	-0,006	0,018	0,135	FALSE
0,161	0,280	0,005	0,018	0,117	FALSE
0,141	0,273	0,005	0,017	0,106	FALSE
-0,113	0,279	-0,003	0,013	0,078	FALSE
0,140	0,258	0,009	0,016	0,246	FALSE
0,199	0,272	0,011	0,016	0,309	FALSE
0,065	0,276	0,004	0,014	0,114	FALSE
-0,034	0,293	0,001	0,011	0,043	FALSE
0,096	0,274	0,001	0,009	0,028	FALSE
0,044	0,284	-0,001	0,009	0,025	FALSE
0,116	0,290	0,002	0,009	0,064	FALSE
0,075	0,275	0,002	0,014	0,066	FALSE
-0,055	0,264	-0,005	0,017	0,105	FALSE
0,083	0,277	0,004	0,013	0,122	FALSE
-0,054	0,282	-0,002	0,015	0,058	FALSE
-0,048	0,277	-0,002	0,009	0,063	FALSE
0,120	0,271	0,003	0,009	0,118	FALSE
0,173	0,265	0,010	0,015	0,321	FALSE
0,044	0,280	0,002	0,015	0,056	FALSE
0,110	0,277	0,003	0,009	0,145	FALSE
-0,056	0,298	-0,003	0,009	0,124	FALSE
0,060	0,273	0,002	0,016	0,052	FALSE
0,095	0,285	0,006	0,017	0,148	FALSE
-0,067	0,297	-0,003	0,015	0,064	FALSE
0,219	0,267	0,006	0,008	0,365	FALSE
0,164	0,267	0,010	0,014	0,317	FALSE
-0,158	0,293	-0,009	0,015	0,253	FALSE
-0,089	0,274	-0,003	0,010	0,104	FALSE
-0,107	0,290	-0,007	0,016	0,191	FALSE
-0,015	0,282	-0,002	0,013	0,048	FALSE
-0,254	0,281	-0,008	0,010	0,348	FALSE
-0,039	0,295	-0,002	0,010	0,064	FALSE
0,193	0,276	0,006	0,009	0,304	FALSE
0,032	0,282	0,002	0,017	0,045	FALSE
0,102	0,289	0,005	0,014	0,151	FALSE
0,035	0,294	0,001	0,016	0,012	FALSE
0,155	0,284	0,004	0,009	0,199	FALSE
-0,030	0,285	-0,001	0,010	0,052	FALSE
-0,026	0,286	-0,003	0,015	0,090	FALSE
-0,070	0,292	-0,005	0,015	0,149	FALSE
0,162	0,286	0,009	0,016	0,239	FALSE
0,146	0,290	0,008	0,018	0,193	FALSE
0,045	0,293	0,002	0,011	0,052	FALSE

-0,178	0,283	-0,006	0,012	0,225	FALSE
0,107	0,265	0,005	0,013	0,160	FALSE
0,022	0,275	0,001	0,012	0,034	FALSE
0,032	0,286	0,001	0,011	0,047	FALSE
-0,188	0,276	-0,005	0,009	0,267	FALSE
0,176	0,279	0,009	0,014	0,289	FALSE
-0,071	0,291	-0,003	0,012	0,096	FALSE
-0,006	0,287	0,000	0,009	0,002	FALSE
0,171	0,288	0,005	0,009	0,253	FALSE
0,160	0,287	0,006	0,015	0,156	FALSE
-0,084	0,284	-0,001	0,012	0,031	FALSE
-0,038	0,289	-0,002	0,014	0,067	FALSE
-0,077	0,283	-0,005	0,012	0,162	FALSE
-0,057	0,294	0,000	0,009	0,002	FALSE
0,153	0,288	0,005	0,009	0,228	FALSE
-0,013	0,293	-0,002	0,017	0,032	FALSE
0,017	0,286	0,002	0,013	0,055	FALSE
0,051	0,297	0,003	0,010	0,126	FALSE
-0,036	0,279	-0,002	0,009	0,083	FALSE
-0,171	0,275	-0,006	0,010	0,250	FALSE
-0,056	0,291	-0,002	0,010	0,072	FALSE
0,195	0,280	0,010	0,017	0,262	FALSE
-0,090	0,292	-0,003	0,011	0,119	FALSE
-0,090	0,295	-0,004	0,012	0,122	FALSE
0,118	0,271	0,004	0,010	0,180	FALSE
-0,138	0,276	-0,006	0,012	0,211	FALSE
-0,041	0,292	-0,001	0,013	0,015	FALSE
-0,128	0,282	-0,007	0,016	0,171	FALSE
-0,103	0,287	-0,003	0,012	0,108	FALSE
0,031	0,291	0,001	0,013	0,021	FALSE
0,083	0,297	0,003	0,011	0,111	FALSE
0,147	0,260	0,006	0,017	0,151	FALSE
-0,055	0,261	-0,003	0,011	0,114	FALSE
0,019	0,296	0,000	0,014	0,002	FALSE
-0,046	0,283	-0,001	0,009	0,052	FALSE
-0,006	0,304	-0,001	0,014	0,014	FALSE
-0,028	0,280	-0,002	0,009	0,077	FALSE
0,015	0,285	0,000	0,013	0,010	FALSE
0,184	0,284	0,009	0,014	0,261	FALSE
-0,054	0,290	-0,001	0,009	0,042	FALSE
0,150	0,275	0,003	0,010	0,140	FALSE
0,052	0,291	0,003	0,013	0,080	FALSE
-0,176	0,286	-0,004	0,009	0,168	FALSE
-0,112	0,265	-0,005	0,018	0,107	FALSE
0,170	0,267	0,006	0,008	0,307	FALSE
-0,069	0,291	-0,002	0,013	0,043	FALSE
-0,089	0,280	-0,002	0,012	0,076	FALSE
0,181	0,275	0,006	0,011	0,210	FALSE
0,223	0,266	0,007	0,011	0,284	FALSE
-0,031	0,282	0,000	0,013	0,013	FALSE
-0,059	0,298	-0,002	0,012	0,054	FALSE
-0,058	0,289	0,000	0,011	0,005	FALSE
0,020	0,292	0,002	0,017	0,038	FALSE

0,014	0,293	0,001	0,015	0,026	FALSE
-0,013	0,282	0,000	0,009	0,017	FALSE
0,043	0,283	0,002	0,009	0,102	FALSE
-0,035	0,286	-0,004	0,016	0,094	FALSE
-0,061	0,283	-0,002	0,008	0,104	FALSE
-0,081	0,279	-0,005	0,017	0,117	FALSE
0,055	0,285	0,001	0,011	0,034	FALSE
-0,162	0,280	-0,006	0,012	0,210	FALSE
0,028	0,282	0,002	0,009	0,088	FALSE
-0,114	0,290	-0,002	0,010	0,078	FALSE
-0,083	0,277	-0,002	0,009	0,087	FALSE
-0,090	0,279	-0,003	0,015	0,081	FALSE
-0,048	0,284	-0,001	0,010	0,023	FALSE
-0,024	0,281	0,000	0,010	0,005	FALSE
-0,098	0,285	-0,003	0,011	0,094	FALSE
-0,048	0,283	-0,001	0,010	0,026	FALSE
-0,053	0,287	-0,006	0,018	0,138	FALSE
-0,142	0,277	-0,011	0,016	0,314	FALSE
-0,018	0,282	-0,001	0,010	0,027	FALSE
-0,001	0,284	-0,002	0,017	0,036	FALSE
0,024	0,288	0,002	0,017	0,038	FALSE
0,100	0,288	0,004	0,016	0,098	FALSE
-0,124	0,288	-0,003	0,013	0,078	FALSE
0,177	0,276	0,007	0,014	0,201	FALSE
0,188	0,276	0,007	0,014	0,203	FALSE
0,039	0,289	0,000	0,014	0,005	FALSE
-0,085	0,288	-0,005	0,017	0,111	FALSE
0,127	0,275	0,005	0,009	0,219	FALSE
0,002	0,282	0,003	0,014	0,090	FALSE
0,038	0,271	0,003	0,010	0,101	FALSE
-0,072	0,289	-0,002	0,011	0,062	FALSE
-0,101	0,276	-0,002	0,011	0,063	FALSE
-0,065	0,287	-0,004	0,011	0,145	FALSE
0,062	0,293	0,001	0,017	0,026	FALSE
0,009	0,287	0,000	0,013	0,003	FALSE
0,084	0,286	0,002	0,010	0,099	FALSE
0,029	0,271	0,005	0,016	0,132	FALSE
-0,054	0,282	-0,001	0,016	0,011	FALSE
-0,004	0,266	0,004	0,017	0,089	FALSE
-0,049	0,289	-0,004	0,017	0,096	FALSE
0,110	0,296	0,004	0,009	0,189	FALSE
-0,021	0,283	-0,001	0,010	0,024	FALSE
-0,039	0,289	-0,001	0,012	0,018	FALSE
-0,060	0,295	-0,002	0,012	0,056	FALSE
-0,058	0,280	-0,001	0,012	0,036	FALSE
0,076	0,298	0,005	0,016	0,118	FALSE
-0,026	0,274	0,001	0,011	0,024	FALSE
-0,110	0,284	-0,005	0,016	0,131	FALSE
0,002	0,293	0,000	0,016	0,011	FALSE
-0,106	0,284	-0,003	0,011	0,094	FALSE
0,026	0,279	0,001	0,016	0,020	FALSE
0,053	0,284	0,003	0,015	0,080	FALSE
0,082	0,284	0,004	0,018	0,094	FALSE

0,087	0,288	0,003	0,013	0,090	FALSE
-0,037	0,284	0,000	0,010	0,010	FALSE
0,015	0,283	0,002	0,010	0,064	FALSE
0,029	0,277	0,002	0,014	0,063	FALSE
0,073	0,292	0,003	0,009	0,149	FALSE
-0,059	0,280	-0,001	0,010	0,031	FALSE
0,042	0,294	0,002	0,015	0,045	FALSE
-0,091	0,284	-0,007	0,017	0,160	FALSE
-0,042	0,281	0,003	0,016	0,064	FALSE
0,183	0,272	0,007	0,015	0,179	FALSE
0,131	0,270	0,008	0,015	0,227	FALSE
-0,049	0,272	-0,001	0,009	0,038	FALSE
-0,167	0,274	-0,010	0,016	0,271	FALSE
-0,039	0,282	-0,002	0,008	0,067	FALSE
-0,043	0,271	0,000	0,018	0,010	FALSE
0,034	0,287	0,003	0,012	0,101	FALSE
-0,018	0,283	-0,003	0,017	0,069	FALSE
0,223	0,264	0,007	0,012	0,250	FALSE
-0,208	0,272	-0,007	0,012	0,285	FALSE
-0,131	0,284	-0,004	0,012	0,114	FALSE
-0,130	0,280	-0,004	0,011	0,130	FALSE
0,005	0,296	0,001	0,009	0,053	FALSE
0,148	0,284	0,008	0,017	0,212	FALSE
-0,060	0,288	-0,002	0,017	0,031	FALSE
0,069	0,303	0,003	0,012	0,084	FALSE
-0,168	0,271	-0,009	0,014	0,283	FALSE
-0,081	0,293	-0,003	0,012	0,087	FALSE
-0,046	0,269	-0,004	0,016	0,086	FALSE
-0,019	0,298	0,000	0,013	0,012	FALSE
-0,147	0,289	-0,005	0,012	0,184	FALSE
-0,169	0,272	-0,006	0,015	0,159	FALSE
0,087	0,279	0,003	0,009	0,135	FALSE
0,041	0,301	0,002	0,014	0,060	FALSE
0,104	0,279	0,004	0,012	0,125	FALSE
0,009	0,283	-0,001	0,018	0,017	FALSE
-0,029	0,283	0,000	0,009	0,013	FALSE
0,021	0,298	0,001	0,009	0,030	FALSE
0,035	0,270	0,001	0,016	0,024	FALSE
0,090	0,283	0,006	0,014	0,182	FALSE
0,059	0,280	0,002	0,009	0,095	FALSE
0,045	0,278	0,001	0,010	0,043	FALSE
0,036	0,266	0,001	0,009	0,042	FALSE
0,054	0,290	0,002	0,010	0,061	FALSE
0,127	0,280	0,005	0,011	0,176	FALSE
0,094	0,287	0,004	0,011	0,123	FALSE
-0,003	0,273	0,001	0,016	0,015	FALSE
0,093	0,267	0,002	0,009	0,068	FALSE
0,126	0,276	0,004	0,014	0,124	FALSE
-0,040	0,286	-0,002	0,015	0,055	FALSE
-0,096	0,269	-0,007	0,013	0,222	FALSE
-0,078	0,304	-0,004	0,017	0,085	FALSE
0,089	0,278	0,002	0,012	0,068	FALSE
-0,060	0,292	-0,001	0,009	0,055	FALSE

0,077	0,268	0,002	0,009	0,097	FALSE
-0,150	0,276	-0,007	0,015	0,173	FALSE
-0,092	0,288	-0,003	0,009	0,136	FALSE
-0,059	0,289	-0,002	0,010	0,089	FALSE
-0,044	0,300	-0,001	0,017	0,023	FALSE
0,006	0,284	0,001	0,010	0,036	FALSE
-0,003	0,280	0,001	0,010	0,019	FALSE
-0,037	0,285	-0,002	0,010	0,073	FALSE
-0,033	0,284	0,000	0,009	0,004	FALSE
0,013	0,269	0,002	0,011	0,065	FALSE
-0,008	0,275	0,000	0,008	0,010	FALSE
0,143	0,275	0,003	0,014	0,086	FALSE
0,141	0,275	0,004	0,013	0,112	FALSE
0,081	0,294	0,003	0,009	0,139	FALSE
-0,093	0,281	-0,003	0,011	0,119	FALSE
0,003	0,282	-0,002	0,013	0,065	FALSE
-0,111	0,290	-0,004	0,012	0,121	FALSE
0,009	0,284	0,003	0,014	0,070	FALSE
0,079	0,295	0,003	0,009	0,130	FALSE
0,066	0,284	0,004	0,017	0,094	FALSE
-0,125	0,287	-0,005	0,017	0,112	FALSE
0,102	0,283	0,003	0,013	0,086	FALSE
0,002	0,277	0,001	0,010	0,020	FALSE
0,017	0,289	0,002	0,011	0,075	FALSE
-0,003	0,276	-0,001	0,010	0,028	FALSE
-0,164	0,275	-0,009	0,018	0,202	FALSE
-0,199	0,269	-0,011	0,017	0,285	FALSE
-0,076	0,296	-0,002	0,016	0,049	FALSE
-0,113	0,289	-0,004	0,016	0,104	FALSE
-0,048	0,294	-0,001	0,015	0,028	FALSE
-0,032	0,282	-0,001	0,015	0,012	FALSE
-0,046	0,279	-0,001	0,015	0,031	FALSE
0,004	0,283	0,000	0,011	0,000	FALSE
0,171	0,284	0,005	0,010	0,211	FALSE
0,032	0,285	0,004	0,010	0,157	FALSE
0,067	0,262	0,000	0,014	0,011	FALSE
0,085	0,283	0,005	0,011	0,178	FALSE
0,106	0,284	0,006	0,011	0,210	FALSE
0,083	0,281	0,005	0,011	0,173	FALSE
0,095	0,280	0,006	0,011	0,213	FALSE
0,079	0,277	0,004	0,012	0,142	FALSE
0,033	0,268	0,003	0,015	0,072	FALSE
-0,080	0,275	-0,007	0,015	0,195	FALSE
0,056	0,290	0,004	0,016	0,102	FALSE
0,119	0,279	0,004	0,012	0,132	FALSE
0,130	0,274	0,005	0,013	0,155	FALSE
-0,177	0,280	-0,004	0,009	0,188	FALSE
-0,131	0,275	-0,007	0,018	0,153	FALSE
-0,074	0,299	-0,004	0,018	0,092	FALSE
-0,030	0,272	-0,001	0,010	0,053	FALSE
0,142	0,283	0,004	0,014	0,104	FALSE
-0,026	0,285	-0,003	0,012	0,093	FALSE
-0,028	0,290	-0,001	0,010	0,028	FALSE

0,122	0,271	0,005	0,010	0,214	FALSE
0,039	0,277	0,000	0,015	0,006	FALSE
-0,018	0,284	-0,002	0,011	0,051	FALSE
0,023	0,270	0,000	0,017	0,007	FALSE
0,010	0,284	0,000	0,017	0,010	FALSE
0,104	0,276	0,003	0,014	0,097	FALSE
0,089	0,277	0,003	0,014	0,084	FALSE
0,262	0,270	0,013	0,017	0,374	FALSE
-0,145	0,304	-0,009	0,019	0,211	FALSE
-0,022	0,290	-0,001	0,015	0,020	FALSE
-0,096	0,286	-0,005	0,011	0,173	FALSE
-0,046	0,272	-0,001	0,013	0,038	FALSE
0,076	0,277	0,005	0,013	0,164	FALSE
0,082	0,289	0,006	0,014	0,182	FALSE
0,036	0,269	0,005	0,015	0,139	FALSE
0,110	0,288	0,004	0,010	0,166	FALSE
-0,270	0,271	-0,007	0,009	0,376	FALSE
-0,004	0,296	0,001	0,010	0,019	FALSE
0,007	0,288	0,000	0,012	0,013	FALSE
0,217	0,296	0,012	0,016	0,359	FALSE
-0,186	0,282	-0,004	0,009	0,204	FALSE
0,006	0,267	0,000	0,012	0,013	FALSE
-0,069	0,285	-0,004	0,012	0,117	FALSE
0,009	0,275	-0,002	0,014	0,043	FALSE
-0,071	0,288	-0,003	0,010	0,099	FALSE
0,022	0,278	0,004	0,016	0,084	FALSE
0,041	0,282	0,002	0,014	0,059	FALSE
0,044	0,265	0,001	0,011	0,026	FALSE
0,062	0,283	0,003	0,013	0,095	FALSE
-0,037	0,282	-0,001	0,012	0,046	FALSE
-0,086	0,282	-0,001	0,015	0,034	FALSE
0,010	0,290	0,000	0,018	0,006	FALSE
0,009	0,293	0,001	0,010	0,047	FALSE
0,016	0,286	0,002	0,016	0,040	FALSE
-0,029	0,293	0,000	0,010	0,014	FALSE
-0,037	0,271	-0,001	0,011	0,040	FALSE
-0,094	0,271	-0,005	0,015	0,137	FALSE
0,182	0,270	0,004	0,009	0,174	FALSE
-0,031	0,302	-0,001	0,018	0,028	FALSE
-0,072	0,294	-0,002	0,016	0,048	FALSE
0,279	0,268	0,016	0,017	0,449	FALSE
0,133	0,286	0,005	0,014	0,140	FALSE
0,025	0,292	0,000	0,010	0,008	FALSE
-0,104	0,283	-0,004	0,011	0,157	FALSE
0,038	0,296	0,001	0,011	0,044	FALSE
0,129	0,279	0,006	0,015	0,157	FALSE
0,076	0,284	0,003	0,011	0,097	FALSE
0,015	0,276	0,001	0,015	0,033	FALSE
0,014	0,282	0,001	0,014	0,032	FALSE
0,070	0,292	0,004	0,016	0,087	FALSE
0,061	0,308	0,003	0,017	0,068	FALSE
0,069	0,285	0,004	0,017	0,089	FALSE
-0,103	0,274	-0,007	0,016	0,164	FALSE

-0,091	0,267	-0,002	0,009	0,096	FALSE
0,114	0,294	0,005	0,010	0,211	FALSE
-0,098	0,270	-0,003	0,013	0,092	FALSE
0,052	0,286	0,002	0,015	0,058	FALSE
-0,011	0,281	-0,001	0,012	0,045	FALSE
-0,031	0,286	-0,001	0,010	0,038	FALSE
-0,147	0,288	-0,007	0,018	0,164	FALSE
-0,156	0,280	-0,008	0,017	0,189	FALSE
-0,147	0,293	-0,007	0,018	0,144	FALSE
0,055	0,283	0,002	0,011	0,062	FALSE
-0,090	0,285	-0,002	0,011	0,082	FALSE
-0,075	0,285	-0,001	0,011	0,046	FALSE
0,036	0,295	0,001	0,011	0,038	FALSE
0,097	0,287	0,004	0,014	0,104	FALSE
-0,054	0,290	-0,003	0,014	0,079	FALSE
0,018	0,298	0,000	0,009	0,003	FALSE
0,070	0,290	0,003	0,017	0,063	FALSE
0,134	0,279	0,008	0,016	0,225	FALSE
-0,006	0,275	-0,003	0,012	0,111	FALSE
0,051	0,284	0,004	0,015	0,103	FALSE
-0,001	0,273	0,000	0,011	0,008	FALSE
-0,086	0,278	-0,002	0,010	0,095	FALSE
-0,062	0,285	-0,003	0,011	0,118	FALSE
0,278	0,251	0,018	0,015	0,642	FALSE
0,249	0,271	0,014	0,015	0,428	FALSE
-0,099	0,279	-0,002	0,013	0,067	FALSE
0,010	0,296	0,002	0,017	0,054	FALSE
0,209	0,267	0,013	0,017	0,342	FALSE
-0,049	0,291	-0,001	0,009	0,020	FALSE
0,002	0,295	-0,001	0,016	0,024	FALSE
0,041	0,280	0,003	0,012	0,081	FALSE
-0,025	0,287	-0,001	0,017	0,011	FALSE
0,042	0,284	0,002	0,010	0,080	FALSE
-0,039	0,283	-0,001	0,009	0,021	FALSE
-0,089	0,294	-0,005	0,014	0,129	FALSE
-0,081	0,285	-0,002	0,009	0,077	FALSE
0,027	0,284	0,002	0,011	0,079	FALSE
0,027	0,302	0,000	0,017	0,008	FALSE
-0,014	0,286	0,000	0,011	0,015	FALSE
-0,054	0,279	-0,001	0,010	0,039	FALSE
0,221	0,266	0,012	0,017	0,322	FALSE
-0,079	0,285	-0,004	0,013	0,110	FALSE
0,105	0,260	0,006	0,012	0,202	FALSE
-0,032	0,303	-0,001	0,014	0,026	FALSE
-0,051	0,284	-0,002	0,014	0,059	FALSE
0,150	0,289	0,005	0,017	0,117	FALSE
-0,082	0,280	-0,001	0,017	0,015	FALSE
0,004	0,261	0,000	0,008	0,006	FALSE
0,043	0,280	0,002	0,015	0,049	FALSE
0,099	0,282	0,005	0,013	0,159	FALSE
-0,079	0,286	-0,004	0,011	0,134	FALSE
0,016	0,277	0,002	0,016	0,037	FALSE
-0,071	0,284	-0,002	0,017	0,037	FALSE

-0,230	0,269	-0,012	0,017	0,327	FALSE
-0,198	0,280	-0,010	0,016	0,280	FALSE
-0,037	0,278	-0,001	0,012	0,022	FALSE
-0,132	0,272	-0,006	0,017	0,148	FALSE
0,165	0,289	0,007	0,015	0,207	FALSE
-0,176	0,272	-0,008	0,014	0,243	FALSE
0,083	0,278	0,007	0,017	0,168	FALSE
-0,193	0,294	-0,007	0,011	0,301	FALSE
-0,138	0,282	-0,006	0,011	0,243	FALSE
0,083	0,293	0,005	0,014	0,137	FALSE
0,067	0,289	0,002	0,013	0,062	FALSE
-0,098	0,282	-0,004	0,014	0,118	FALSE
0,024	0,276	0,000	0,012	0,002	FALSE
0,048	0,295	0,001	0,012	0,031	FALSE
0,045	0,283	0,001	0,012	0,020	FALSE
0,099	0,279	0,002	0,013	0,066	FALSE
-0,095	0,291	-0,004	0,016	0,097	FALSE
-0,114	0,280	-0,003	0,010	0,127	FALSE
0,026	0,292	0,001	0,009	0,038	FALSE
0,069	0,280	0,004	0,015	0,102	FALSE
-0,059	0,283	-0,003	0,015	0,084	FALSE
-0,079	0,295	-0,004	0,016	0,103	FALSE
-0,052	0,287	-0,002	0,015	0,057	FALSE
-0,068	0,290	-0,004	0,015	0,099	FALSE
-0,066	0,281	-0,004	0,015	0,093	FALSE
-0,082	0,289	-0,004	0,016	0,104	FALSE
-0,016	0,282	-0,002	0,016	0,043	FALSE
0,059	0,280	0,002	0,010	0,074	FALSE
0,094	0,274	0,004	0,010	0,150	FALSE
-0,064	0,293	-0,001	0,010	0,029	FALSE
0,268	0,256	0,008	0,011	0,364	FALSE
-0,001	0,287	-0,001	0,009	0,035	FALSE
-0,067	0,285	-0,001	0,009	0,026	FALSE
-0,055	0,288	-0,001	0,011	0,019	FALSE
-0,014	0,280	0,000	0,010	0,002	FALSE
-0,139	0,290	-0,005	0,014	0,155	FALSE
-0,145	0,288	-0,006	0,012	0,214	FALSE
-0,013	0,279	0,000	0,017	0,003	FALSE
0,041	0,299	0,001	0,018	0,018	FALSE
-0,116	0,281	-0,004	0,009	0,191	FALSE
-0,029	0,272	-0,003	0,011	0,110	FALSE
-0,106	0,288	-0,004	0,010	0,167	FALSE
-0,038	0,276	-0,001	0,009	0,021	FALSE
0,035	0,277	0,004	0,011	0,122	FALSE
-0,103	0,270	-0,008	0,017	0,193	FALSE
-0,108	0,289	-0,004	0,009	0,174	FALSE
0,011	0,270	0,002	0,015	0,040	FALSE
-0,179	0,275	-0,007	0,011	0,318	FALSE
-0,159	0,272	-0,006	0,011	0,232	FALSE
-0,009	0,279	0,000	0,009	0,008	FALSE
0,012	0,291	0,003	0,009	0,128	FALSE
-0,040	0,282	0,001	0,011	0,050	FALSE
0,071	0,254	0,002	0,014	0,051	FALSE

0,054	0,294	0,002	0,010	0,070	FALSE
-0,028	0,278	-0,002	0,016	0,040	FALSE
-0,135	0,283	-0,003	0,009	0,124	FALSE
0,063	0,279	0,005	0,016	0,110	FALSE
0,091	0,284	0,002	0,012	0,069	FALSE
-0,055	0,272	-0,002	0,009	0,073	FALSE
-0,012	0,287	-0,002	0,017	0,045	FALSE
-0,062	0,290	0,000	0,009	0,002	FALSE
0,119	0,294	0,007	0,017	0,164	FALSE
0,178	0,276	0,011	0,016	0,305	FALSE
-0,164	0,288	-0,007	0,015	0,199	FALSE
0,061	0,285	0,002	0,012	0,064	FALSE
0,259	0,262	0,014	0,017	0,385	FALSE
0,085	0,286	0,004	0,016	0,093	FALSE
0,083	0,283	0,003	0,013	0,099	FALSE
-0,204	0,278	-0,010	0,014	0,317	FALSE
0,272	0,264	0,014	0,016	0,405	FALSE
-0,150	0,278	-0,007	0,014	0,218	FALSE
-0,040	0,291	0,000	0,012	0,013	FALSE
-0,005	0,284	0,001	0,011	0,024	FALSE
-0,211	0,281	-0,010	0,014	0,323	FALSE
0,105	0,283	0,005	0,011	0,169	FALSE
0,159	0,269	0,004	0,010	0,136	FALSE
-0,053	0,300	-0,004	0,012	0,124	FALSE
-0,081	0,284	-0,001	0,009	0,044	FALSE
-0,054	0,290	-0,001	0,009	0,030	FALSE
-0,094	0,296	-0,003	0,012	0,114	FALSE
0,004	0,291	0,000	0,009	0,014	FALSE
-0,093	0,281	-0,007	0,016	0,172	FALSE
-0,068	0,287	-0,005	0,016	0,123	FALSE
0,177	0,271	0,009	0,018	0,216	FALSE
0,041	0,278	0,000	0,011	0,010	FALSE
-0,042	0,289	-0,002	0,016	0,056	FALSE
0,039	0,286	0,002	0,014	0,042	FALSE
-0,038	0,292	-0,001	0,013	0,016	FALSE
-0,009	0,287	0,000	0,010	0,010	FALSE
0,024	0,275	0,002	0,012	0,050	FALSE
-0,014	0,274	0,000	0,017	0,006	FALSE
-0,063	0,272	-0,003	0,008	0,120	FALSE
-0,122	0,281	-0,003	0,009	0,140	FALSE
-0,146	0,286	-0,003	0,009	0,118	FALSE
-0,063	0,282	-0,001	0,011	0,043	FALSE
0,079	0,284	0,005	0,017	0,104	FALSE
-0,060	0,291	-0,001	0,017	0,029	FALSE
0,074	0,290	0,004	0,015	0,097	FALSE
-0,034	0,294	-0,003	0,018	0,057	FALSE
-0,154	0,291	-0,004	0,009	0,191	FALSE
0,098	0,276	0,004	0,011	0,167	FALSE
0,032	0,283	0,003	0,010	0,132	FALSE
-0,010	0,288	-0,003	0,012	0,084	FALSE
0,033	0,284	-0,001	0,014	0,022	FALSE
0,025	0,268	-0,004	0,017	0,086	FALSE
0,069	0,281	0,005	0,017	0,108	FALSE

-0,012	0,297	0,000	0,011	0,001	FALSE
0,017	0,282	0,002	0,014	0,044	FALSE
0,006	0,295	0,003	0,011	0,110	FALSE
0,007	0,277	0,001	0,011	0,028	FALSE
0,011	0,282	0,001	0,010	0,042	FALSE
0,133	0,275	0,007	0,016	0,181	FALSE
0,143	0,275	0,008	0,015	0,209	FALSE
-0,028	0,289	-0,002	0,014	0,054	FALSE
0,018	0,291	0,002	0,010	0,077	FALSE
-0,037	0,268	-0,002	0,011	0,082	FALSE
-0,131	0,284	-0,005	0,017	0,109	FALSE
-0,019	0,294	-0,001	0,017	0,022	FALSE
-0,008	0,296	-0,001	0,017	0,012	FALSE
-0,155	0,270	-0,008	0,017	0,199	FALSE
0,111	0,272	0,004	0,012	0,140	FALSE
0,018	0,298	0,001	0,018	0,011	FALSE
-0,042	0,285	-0,003	0,017	0,056	FALSE
-0,012	0,306	-0,001	0,017	0,018	FALSE
-0,060	0,287	-0,004	0,016	0,105	FALSE
0,009	0,281	-0,001	0,013	0,017	FALSE
0,015	0,294	0,001	0,014	0,018	FALSE
0,095	0,269	0,003	0,012	0,098	FALSE
-0,083	0,272	-0,006	0,016	0,138	FALSE
-0,031	0,270	0,000	0,011	0,012	FALSE
0,048	0,279	0,001	0,015	0,013	FALSE
0,129	0,274	0,006	0,016	0,160	FALSE
0,020	0,271	-0,001	0,016	0,019	FALSE
0,017	0,275	0,001	0,013	0,037	FALSE
-0,205	0,269	-0,010	0,015	0,276	FALSE
-0,124	0,277	-0,003	0,009	0,121	FALSE
-0,075	0,288	-0,001	0,009	0,060	FALSE
-0,081	0,273	-0,002	0,010	0,065	FALSE
0,106	0,275	0,002	0,009	0,080	FALSE
0,083	0,291	0,003	0,018	0,056	FALSE
0,025	0,283	0,001	0,016	0,019	FALSE
-0,168	0,281	-0,005	0,011	0,212	FALSE
0,069	0,279	0,002	0,015	0,058	FALSE
0,068	0,282	0,003	0,016	0,064	FALSE
-0,014	0,285	-0,001	0,009	0,028	FALSE
-0,131	0,275	-0,005	0,012	0,160	FALSE
0,152	0,283	0,009	0,016	0,235	FALSE
0,093	0,284	0,002	0,018	0,048	FALSE
-0,021	0,288	0,002	0,016	0,040	FALSE
0,054	0,280	0,000	0,017	0,004	FALSE
0,100	0,272	0,002	0,017	0,052	FALSE
0,046	0,281	0,003	0,010	0,106	FALSE
-0,006	0,291	0,001	0,014	0,030	FALSE
-0,102	0,288	-0,007	0,016	0,173	FALSE
0,053	0,277	0,002	0,013	0,044	FALSE
0,029	0,283	0,000	0,011	0,015	FALSE
0,011	0,294	0,000	0,010	0,001	FALSE
0,017	0,282	0,000	0,010	0,012	FALSE
0,018	0,286	0,000	0,010	0,005	FALSE

-0,065	0,286	-0,003	0,017	0,073	FALSE
0,034	0,294	0,002	0,017	0,038	FALSE
0,098	0,294	0,003	0,018	0,072	FALSE
-0,083	0,281	-0,006	0,016	0,142	FALSE
0,052	0,297	0,003	0,011	0,091	FALSE
-0,007	0,287	0,001	0,017	0,014	FALSE
-0,076	0,291	-0,002	0,009	0,079	FALSE
0,098	0,277	0,004	0,016	0,094	FALSE
0,018	0,280	0,001	0,016	0,026	FALSE
0,119	0,267	0,004	0,014	0,122	FALSE
-0,101	0,275	-0,004	0,009	0,169	FALSE
-0,180	0,271	-0,005	0,013	0,156	FALSE
-0,011	0,298	-0,001	0,013	0,016	FALSE
-0,120	0,294	-0,005	0,013	0,135	FALSE
0,028	0,298	0,001	0,011	0,043	FALSE
-0,189	0,265	-0,007	0,013	0,244	FALSE
-0,073	0,278	-0,003	0,012	0,092	FALSE
0,223	0,267	0,012	0,017	0,320	FALSE
-0,058	0,289	-0,001	0,017	0,020	FALSE
-0,076	0,283	-0,005	0,014	0,126	FALSE
0,034	0,269	0,001	0,017	0,023	FALSE
0,120	0,268	0,005	0,009	0,217	FALSE
0,003	0,285	0,000	0,017	0,009	FALSE
0,168	0,282	0,006	0,015	0,165	FALSE
0,073	0,290	0,001	0,012	0,033	FALSE
0,045	0,274	0,002	0,009	0,079	FALSE
-0,006	0,275	-0,001	0,009	0,022	FALSE
0,038	0,277	0,001	0,009	0,024	FALSE
0,035	0,297	0,002	0,012	0,049	FALSE
0,011	0,286	-0,001	0,014	0,016	FALSE
0,122	0,270	0,004	0,009	0,165	FALSE
0,197	0,287	0,009	0,014	0,283	FALSE
0,009	0,287	0,000	0,010	0,013	FALSE
-0,017	0,276	0,000	0,009	0,007	FALSE
-0,047	0,305	-0,001	0,013	0,038	FALSE
-0,054	0,289	-0,001	0,012	0,035	FALSE
-0,066	0,281	-0,002	0,013	0,048	FALSE
0,193	0,269	0,008	0,014	0,251	FALSE
-0,025	0,286	0,001	0,008	0,049	FALSE
-0,178	0,271	-0,005	0,009	0,214	FALSE
0,003	0,281	-0,001	0,014	0,035	FALSE
-0,099	0,292	-0,005	0,018	0,115	FALSE
0,164	0,274	0,008	0,018	0,201	FALSE
0,248	0,277	0,010	0,012	0,402	FALSE
-0,171	0,261	-0,010	0,014	0,336	FALSE
0,299	0,267	0,009	0,009	0,451	FALSE
0,035	0,264	0,000	0,013	0,006	FALSE
-0,061	0,273	0,000	0,011	0,001	FALSE
-0,038	0,285	0,000	0,012	0,008	FALSE
0,152	0,290	0,006	0,017	0,138	FALSE
-0,151	0,288	-0,007	0,018	0,162	FALSE
-0,017	0,293	-0,001	0,010	0,036	FALSE
0,330	0,268	0,017	0,017	0,491	FALSE

-0,011	0,281	-0,001	0,009	0,022	FALSE
-0,083	0,273	-0,004	0,016	0,098	FALSE
0,114	0,266	0,005	0,011	0,190	FALSE
0,171	0,284	0,010	0,017	0,266	FALSE
0,148	0,293	0,007	0,014	0,226	FALSE
0,107	0,282	0,006	0,011	0,209	FALSE
0,160	0,274	0,004	0,010	0,148	FALSE
0,063	0,294	0,005	0,017	0,121	FALSE
0,103	0,279	0,002	0,010	0,093	FALSE
-0,103	0,283	-0,004	0,012	0,138	FALSE
0,082	0,272	0,002	0,009	0,099	FALSE
0,146	0,291	0,006	0,010	0,267	FALSE
-0,036	0,278	-0,001	0,010	0,024	FALSE
-0,034	0,263	-0,003	0,015	0,074	FALSE
0,044	0,294	0,002	0,014	0,058	FALSE
0,062	0,285	0,004	0,017	0,103	FALSE
-0,003	0,286	0,001	0,014	0,027	FALSE
-0,086	0,287	-0,002	0,010	0,086	FALSE
-0,082	0,282	-0,002	0,009	0,067	FALSE
0,050	0,279	0,002	0,010	0,079	FALSE
-0,045	0,279	-0,002	0,013	0,073	FALSE
0,051	0,278	0,004	0,012	0,124	FALSE
0,074	0,274	0,004	0,011	0,150	FALSE
0,113	0,280	0,005	0,013	0,156	FALSE
-0,015	0,282	-0,003	0,014	0,065	FALSE
-0,216	0,266	-0,010	0,015	0,280	FALSE
-0,245	0,275	-0,012	0,015	0,378	FALSE
0,081	0,281	0,002	0,014	0,060	FALSE
0,009	0,288	0,002	0,017	0,047	FALSE
-0,049	0,292	0,000	0,014	0,002	FALSE
0,132	0,270	0,006	0,014	0,181	FALSE
0,023	0,286	0,002	0,010	0,065	FALSE
0,154	0,286	0,004	0,010	0,146	FALSE
-0,115	0,289	-0,009	0,017	0,214	FALSE
-0,104	0,284	-0,008	0,017	0,183	FALSE
0,040	0,283	0,000	0,016	0,003	FALSE
0,072	0,263	0,002	0,014	0,048	FALSE
0,000	0,297	-0,003	0,018	0,065	FALSE
-0,095	0,285	-0,002	0,008	0,106	FALSE
-0,096	0,281	-0,001	0,009	0,062	FALSE
0,055	0,280	0,001	0,010	0,020	FALSE
-0,050	0,292	-0,001	0,014	0,034	FALSE
-0,063	0,283	-0,007	0,014	0,204	FALSE
0,088	0,286	0,003	0,010	0,118	FALSE
0,032	0,274	-0,001	0,017	0,018	FALSE
-0,245	0,273	-0,008	0,009	0,415	FALSE
0,199	0,280	0,006	0,009	0,298	FALSE
0,019	0,290	0,001	0,011	0,035	FALSE
0,070	0,298	0,002	0,014	0,055	FALSE
-0,023	0,297	-0,003	0,017	0,055	FALSE
0,165	0,276	0,006	0,011	0,222	FALSE
-0,018	0,275	-0,002	0,008	0,095	FALSE
-0,105	0,270	-0,008	0,012	0,274	FALSE

-0,007	0,271	0,000	0,008	0,011	FALSE
-0,054	0,284	-0,001	0,011	0,018	FALSE
-0,028	0,264	0,000	0,011	0,011	FALSE
-0,062	0,281	-0,002	0,018	0,040	FALSE
-0,065	0,287	-0,002	0,012	0,047	FALSE
-0,042	0,287	-0,002	0,015	0,055	FALSE
-0,237	0,270	-0,008	0,011	0,342	FALSE
0,078	0,289	0,003	0,018	0,063	FALSE
-0,057	0,295	-0,003	0,013	0,084	FALSE
-0,109	0,282	-0,008	0,016	0,214	FALSE
0,042	0,282	0,001	0,009	0,048	FALSE
0,061	0,276	0,001	0,011	0,044	FALSE
-0,030	0,296	0,001	0,010	0,026	FALSE
0,032	0,277	0,004	0,016	0,089	FALSE
-0,119	0,303	-0,003	0,010	0,133	FALSE
-0,118	0,289	-0,006	0,017	0,131	FALSE
-0,172	0,280	-0,007	0,015	0,176	FALSE
-0,079	0,280	-0,002	0,009	0,102	FALSE
-0,246	0,273	-0,008	0,010	0,342	FALSE
-0,070	0,288	-0,001	0,009	0,057	FALSE
0,017	0,273	0,000	0,016	0,001	FALSE
0,016	0,287	0,001	0,017	0,011	FALSE
0,041	0,278	0,002	0,016	0,045	FALSE
-0,032	0,293	-0,003	0,014	0,073	FALSE
-0,039	0,270	-0,003	0,018	0,056	FALSE
0,028	0,291	0,002	0,016	0,041	FALSE
-0,081	0,284	-0,002	0,012	0,061	FALSE
0,137	0,283	0,004	0,008	0,211	FALSE
-0,002	0,275	0,000	0,016	0,002	FALSE
-0,007	0,301	0,000	0,011	0,016	FALSE
0,041	0,285	0,002	0,011	0,083	FALSE
0,029	0,292	0,004	0,016	0,102	FALSE
0,002	0,294	0,003	0,017	0,072	FALSE
-0,162	0,293	-0,008	0,018	0,189	FALSE
-0,110	0,289	-0,002	0,009	0,100	FALSE
-0,121	0,277	-0,004	0,008	0,218	FALSE
0,169	0,273	0,009	0,016	0,230	FALSE
0,063	0,283	0,001	0,011	0,025	FALSE
0,076	0,292	0,002	0,010	0,084	FALSE
0,054	0,271	0,001	0,009	0,061	FALSE
0,113	0,279	0,006	0,010	0,288	FALSE
-0,064	0,286	-0,002	0,009	0,078	FALSE
-0,154	0,292	-0,004	0,010	0,177	FALSE
0,111	0,271	0,005	0,016	0,122	FALSE
0,066	0,264	0,001	0,016	0,030	FALSE
0,088	0,266	0,003	0,015	0,062	FALSE
-0,126	0,285	-0,004	0,018	0,077	FALSE
-0,054	0,288	0,000	0,015	0,000	FALSE
-0,023	0,281	0,002	0,015	0,052	FALSE
-0,030	0,280	-0,001	0,012	0,040	FALSE
-0,068	0,282	-0,002	0,010	0,090	FALSE
-0,009	0,296	-0,001	0,014	0,021	FALSE
0,010	0,279	0,001	0,011	0,020	FALSE

0,036	0,274	0,002	0,012	0,047	FALSE
-0,109	0,274	-0,002	0,009	0,089	FALSE
0,048	0,278	0,000	0,017	0,006	FALSE
-0,058	0,291	-0,001	0,011	0,044	FALSE
-0,014	0,273	-0,001	0,009	0,051	FALSE
-0,068	0,280	-0,001	0,010	0,031	FALSE
-0,050	0,276	-0,001	0,012	0,031	FALSE
-0,164	0,279	-0,007	0,012	0,266	FALSE
0,239	0,266	0,012	0,017	0,343	FALSE
-0,098	0,271	-0,004	0,011	0,137	FALSE
-0,172	0,287	-0,008	0,016	0,192	FALSE
-0,169	0,275	-0,006	0,015	0,178	FALSE
-0,204	0,274	-0,009	0,014	0,291	FALSE
0,120	0,285	0,007	0,015	0,182	FALSE
-0,012	0,270	-0,001	0,011	0,018	FALSE
-0,131	0,269	-0,008	0,013	0,254	FALSE
-0,071	0,292	-0,001	0,012	0,016	FALSE
-0,057	0,285	-0,002	0,017	0,034	FALSE
0,056	0,300	0,003	0,010	0,116	FALSE
-0,041	0,280	-0,002	0,012	0,049	FALSE
0,091	0,284	0,004	0,013	0,107	FALSE
0,063	0,277	0,006	0,015	0,176	FALSE
0,055	0,292	0,002	0,010	0,061	FALSE
-0,174	0,287	-0,010	0,015	0,314	FALSE
-0,087	0,274	-0,004	0,012	0,127	FALSE
-0,032	0,290	-0,001	0,010	0,055	FALSE
0,016	0,273	-0,001	0,013	0,016	FALSE
0,064	0,296	0,001	0,012	0,022	FALSE
-0,029	0,290	-0,001	0,012	0,045	FALSE
0,038	0,285	0,002	0,010	0,085	FALSE
0,038	0,280	0,002	0,009	0,073	FALSE
-0,090	0,267	-0,006	0,016	0,148	FALSE
0,141	0,289	0,006	0,017	0,147	FALSE
0,189	0,277	0,010	0,014	0,309	FALSE
0,035	0,285	0,000	0,017	0,009	FALSE
0,081	0,272	0,003	0,015	0,085	FALSE
-0,131	0,276	-0,004	0,009	0,161	FALSE
-0,016	0,281	0,003	0,015	0,081	FALSE
-0,049	0,286	0,002	0,015	0,036	FALSE
-0,044	0,283	0,000	0,010	0,015	FALSE
0,243	0,258	0,011	0,014	0,384	FALSE
0,001	0,284	-0,002	0,015	0,041	FALSE
0,115	0,277	0,005	0,014	0,138	FALSE
0,110	0,275	0,006	0,015	0,148	FALSE
-0,043	0,288	0,000	0,011	0,007	FALSE
-0,266	0,271	-0,009	0,011	0,379	FALSE
0,185	0,279	0,010	0,016	0,253	FALSE
0,118	0,293	0,006	0,017	0,138	FALSE
0,235	0,262	0,012	0,017	0,302	FALSE
-0,076	0,288	-0,002	0,009	0,084	FALSE
-0,038	0,270	-0,002	0,012	0,054	FALSE
0,006	0,282	0,001	0,009	0,023	FALSE
-0,093	0,286	-0,003	0,013	0,087	FALSE

0,018	0,284	0,002	0,017	0,041	FALSE
-0,161	0,284	-0,009	0,014	0,295	FALSE
-0,015	0,285	-0,001	0,015	0,032	FALSE
0,023	0,291	0,003	0,010	0,125	FALSE
-0,026	0,300	-0,001	0,016	0,032	FALSE
-0,067	0,273	-0,006	0,014	0,164	FALSE
0,004	0,287	0,000	0,014	0,006	FALSE
-0,004	0,279	-0,001	0,014	0,015	FALSE
-0,040	0,282	-0,005	0,017	0,107	FALSE
0,072	0,300	0,002	0,010	0,087	FALSE
-0,042	0,290	-0,001	0,010	0,047	FALSE
-0,023	0,292	0,000	0,011	0,011	FALSE
0,089	0,283	0,006	0,016	0,140	FALSE
0,078	0,281	0,004	0,010	0,146	FALSE
-0,070	0,282	-0,007	0,017	0,158	FALSE
0,002	0,289	0,000	0,012	0,000	FALSE
0,026	0,283	0,002	0,015	0,036	FALSE
0,007	0,290	0,002	0,010	0,059	FALSE
-0,084	0,289	-0,001	0,012	0,022	FALSE
-0,037	0,294	-0,002	0,009	0,078	FALSE
-0,052	0,283	-0,004	0,012	0,135	FALSE
0,020	0,284	0,001	0,011	0,049	FALSE
-0,041	0,296	-0,002	0,012	0,044	FALSE
-0,061	0,295	-0,001	0,013	0,031	FALSE
0,024	0,301	0,002	0,011	0,083	FALSE
-0,039	0,275	0,000	0,009	0,016	FALSE
-0,005	0,291	0,002	0,017	0,044	FALSE
0,004	0,288	0,002	0,012	0,050	FALSE
0,052	0,269	-0,001	0,016	0,026	FALSE
0,034	0,289	0,001	0,018	0,022	FALSE
-0,009	0,304	0,000	0,014	0,003	FALSE
-0,078	0,290	-0,001	0,010	0,055	FALSE
-0,102	0,281	-0,005	0,014	0,156	FALSE
-0,086	0,286	-0,005	0,014	0,138	FALSE
-0,045	0,273	-0,003	0,014	0,069	FALSE
0,100	0,273	0,007	0,017	0,153	FALSE
-0,009	0,288	0,002	0,013	0,050	FALSE
0,003	0,280	0,002	0,014	0,065	FALSE
0,114	0,292	0,006	0,019	0,131	FALSE
-0,128	0,283	-0,007	0,015	0,204	FALSE
-0,095	0,284	-0,004	0,015	0,113	FALSE
0,170	0,270	0,005	0,010	0,223	FALSE
0,015	0,273	-0,001	0,014	0,018	FALSE
-0,111	0,287	-0,003	0,009	0,124	FALSE
-0,155	0,282	-0,009	0,017	0,215	FALSE
-0,163	0,279	-0,006	0,011	0,260	FALSE
-0,247	0,280	-0,008	0,010	0,390	FALSE
0,024	0,292	0,000	0,008	0,016	FALSE
-0,115	0,282	-0,002	0,008	0,072	FALSE
0,030	0,300	0,001	0,018	0,028	FALSE
-0,158	0,281	-0,005	0,009	0,219	FALSE
-0,009	0,279	0,001	0,017	0,015	FALSE
0,159	0,263	0,007	0,013	0,232	FALSE

-0,030	0,277	-0,003	0,018	0,064	FALSE
0,079	0,270	0,003	0,010	0,112	FALSE
0,054	0,279	0,000	0,017	0,006	FALSE
0,026	0,284	-0,002	0,017	0,036	FALSE
0,047	0,282	-0,001	0,017	0,017	FALSE
0,038	0,285	0,003	0,017	0,073	FALSE
-0,115	0,280	-0,003	0,013	0,081	FALSE
-0,037	0,285	-0,004	0,015	0,093	FALSE
0,027	0,280	0,001	0,017	0,016	FALSE
-0,050	0,299	-0,001	0,013	0,033	FALSE
0,117	0,291	0,004	0,015	0,105	FALSE
-0,021	0,276	-0,002	0,017	0,048	FALSE
-0,005	0,276	-0,002	0,016	0,036	FALSE
0,064	0,272	0,002	0,015	0,053	FALSE
-0,164	0,286	-0,005	0,011	0,171	FALSE
0,069	0,274	0,003	0,017	0,071	FALSE
0,022	0,290	0,000	0,017	0,000	FALSE
0,022	0,285	0,003	0,016	0,072	FALSE
0,009	0,290	0,003	0,016	0,063	FALSE
-0,081	0,276	-0,002	0,014	0,055	FALSE
-0,089	0,279	-0,002	0,010	0,092	FALSE
0,136	0,284	0,008	0,015	0,227	FALSE
-0,003	0,289	0,001	0,014	0,016	FALSE
0,028	0,293	0,002	0,013	0,049	FALSE
0,173	0,275	0,004	0,011	0,168	FALSE
-0,008	0,297	0,000	0,010	0,010	FALSE
-0,243	0,279	-0,006	0,009	0,306	FALSE
-0,093	0,291	-0,004	0,013	0,119	FALSE
-0,159	0,281	-0,007	0,009	0,349	FALSE
0,033	0,282	0,001	0,011	0,030	FALSE
0,155	0,280	0,008	0,016	0,207	FALSE
0,016	0,298	0,000	0,013	0,005	FALSE
-0,104	0,289	-0,003	0,012	0,092	FALSE
-0,141	0,289	-0,003	0,009	0,123	FALSE
-0,004	0,305	0,000	0,018	0,002	FALSE
-0,153	0,277	-0,004	0,009	0,159	FALSE
-0,044	0,283	-0,002	0,012	0,053	FALSE
0,090	0,293	0,004	0,015	0,091	FALSE
0,113	0,283	0,002	0,008	0,068	FALSE
0,060	0,272	0,000	0,009	0,016	FALSE
-0,006	0,295	0,001	0,013	0,037	FALSE
-0,099	0,295	-0,002	0,009	0,097	FALSE
0,111	0,287	0,003	0,010	0,116	FALSE
0,099	0,286	0,004	0,018	0,076	FALSE
0,080	0,270	0,001	0,009	0,049	FALSE
0,085	0,275	0,002	0,008	0,097	FALSE
0,142	0,294	0,004	0,010	0,184	FALSE
0,137	0,276	0,003	0,009	0,124	FALSE
-0,164	0,287	-0,007	0,014	0,207	FALSE
0,217	0,272	0,010	0,015	0,284	FALSE
0,068	0,284	0,002	0,010	0,076	FALSE
0,160	0,291	0,006	0,011	0,245	FALSE
-0,210	0,267	-0,008	0,009	0,378	FALSE

-0,008	0,277	0,001	0,010	0,022	FALSE
0,027	0,288	0,000	0,010	0,002	FALSE
-0,015	0,292	-0,001	0,012	0,037	FALSE
0,108	0,281	0,009	0,017	0,228	FALSE
-0,196	0,277	-0,009	0,013	0,336	FALSE
-0,251	0,256	-0,014	0,016	0,439	FALSE
-0,235	0,274	-0,007	0,009	0,367	FALSE
-0,001	0,279	-0,001	0,009	0,022	FALSE
-0,045	0,284	-0,002	0,015	0,062	FALSE
-0,020	0,278	-0,003	0,012	0,081	FALSE
-0,182	0,285	-0,005	0,010	0,186	FALSE
-0,229	0,279	-0,012	0,016	0,353	FALSE
0,139	0,274	0,006	0,012	0,204	FALSE
0,091	0,295	0,002	0,013	0,067	FALSE
-0,022	0,296	0,001	0,009	0,034	FALSE
-0,087	0,293	-0,006	0,015	0,163	FALSE
-0,075	0,289	-0,003	0,011	0,109	FALSE
0,058	0,280	0,002	0,011	0,073	FALSE
0,000	0,268	-0,002	0,014	0,056	FALSE
-0,040	0,297	-0,001	0,010	0,026	FALSE
0,082	0,277	0,001	0,009	0,044	FALSE
0,111	0,285	0,004	0,011	0,138	FALSE
-0,141	0,296	-0,004	0,010	0,145	FALSE
-0,062	0,294	-0,003	0,016	0,059	FALSE
-0,044	0,286	-0,002	0,016	0,038	FALSE
0,105	0,277	0,004	0,009	0,172	FALSE
-0,195	0,267	-0,007	0,010	0,333	FALSE
-0,119	0,310	-0,006	0,018	0,143	FALSE
0,147	0,282	0,007	0,017	0,165	FALSE
0,088	0,287	0,005	0,012	0,151	FALSE
-0,060	0,275	-0,003	0,012	0,108	FALSE
-0,049	0,289	-0,003	0,011	0,099	FALSE
0,029	0,296	0,000	0,010	0,005	FALSE
0,090	0,282	0,003	0,018	0,070	FALSE
0,017	0,277	0,000	0,011	0,012	FALSE
0,045	0,295	0,002	0,015	0,055	FALSE
0,127	0,289	0,006	0,016	0,168	FALSE
0,026	0,273	0,001	0,013	0,035	FALSE
-0,125	0,280	-0,003	0,014	0,087	FALSE
-0,113	0,283	-0,006	0,016	0,151	FALSE
0,118	0,273	0,003	0,009	0,139	FALSE
0,211	0,288	0,010	0,015	0,291	FALSE
0,086	0,281	0,003	0,010	0,118	FALSE
0,090	0,295	0,003	0,010	0,134	FALSE
-0,102	0,298	-0,004	0,009	0,164	FALSE
-0,035	0,287	0,000	0,011	0,011	FALSE
0,073	0,264	0,002	0,009	0,079	FALSE
-0,069	0,281	-0,002	0,008	0,099	FALSE
0,020	0,290	0,000	0,015	0,005	FALSE
-0,028	0,276	-0,002	0,016	0,047	FALSE
0,027	0,283	0,002	0,009	0,082	FALSE
-0,019	0,293	-0,001	0,012	0,023	FALSE
0,042	0,277	0,002	0,010	0,064	FALSE

0,048	0,280	0,002	0,016	0,036	FALSE
-0,085	0,288	-0,001	0,014	0,031	FALSE
0,047	0,286	0,004	0,011	0,134	FALSE
0,050	0,287	0,004	0,011	0,133	FALSE
-0,079	0,281	-0,004	0,015	0,115	FALSE
-0,060	0,282	-0,004	0,016	0,099	FALSE
-0,025	0,293	0,000	0,012	0,009	FALSE
-0,056	0,290	-0,001	0,011	0,047	FALSE
-0,025	0,291	0,000	0,017	0,010	FALSE
-0,177	0,294	-0,005	0,009	0,229	FALSE
0,025	0,286	0,000	0,014	0,007	FALSE
-0,019	0,278	0,000	0,010	0,008	FALSE
0,081	0,281	0,004	0,010	0,138	FALSE
-0,093	0,273	-0,008	0,018	0,196	FALSE
0,126	0,275	0,004	0,009	0,209	FALSE
0,160	0,276	0,004	0,009	0,198	FALSE
0,168	0,269	0,005	0,009	0,229	FALSE
0,195	0,276	0,005	0,009	0,259	FALSE
0,077	0,286	0,003	0,010	0,102	FALSE
0,112	0,276	0,005	0,015	0,124	FALSE
-0,027	0,277	-0,002	0,010	0,072	FALSE
-0,027	0,297	0,001	0,009	0,034	FALSE
0,111	0,288	0,004	0,010	0,165	FALSE
0,098	0,289	0,003	0,010	0,127	FALSE
-0,030	0,284	0,000	0,009	0,014	FALSE
-0,017	0,283	-0,002	0,011	0,059	FALSE
-0,064	0,288	-0,003	0,016	0,069	FALSE
0,048	0,281	0,001	0,008	0,029	FALSE
0,040	0,295	0,002	0,016	0,034	FALSE
-0,014	0,297	-0,001	0,013	0,024	FALSE
-0,101	0,267	-0,004	0,016	0,099	FALSE
-0,009	0,284	-0,001	0,009	0,033	FALSE
0,143	0,280	0,002	0,010	0,090	FALSE
-0,198	0,277	-0,010	0,016	0,261	FALSE
-0,092	0,287	-0,005	0,014	0,131	FALSE
-0,047	0,276	-0,001	0,008	0,061	FALSE
0,038	0,281	0,002	0,010	0,080	FALSE
0,005	0,290	-0,002	0,018	0,033	FALSE
-0,003	0,288	-0,001	0,014	0,033	FALSE
0,073	0,285	0,001	0,013	0,040	FALSE
0,004	0,297	0,000	0,016	0,001	FALSE
-0,092	0,285	-0,003	0,012	0,084	FALSE
-0,108	0,281	-0,006	0,017	0,147	FALSE
-0,091	0,293	-0,005	0,017	0,125	FALSE
-0,003	0,300	-0,002	0,016	0,034	FALSE
-0,026	0,286	0,000	0,012	0,004	FALSE
0,078	0,272	0,007	0,017	0,174	FALSE
-0,131	0,271	-0,009	0,016	0,236	FALSE
0,077	0,272	0,007	0,017	0,173	FALSE
0,006	0,286	0,003	0,017	0,065	FALSE
0,098	0,295	0,003	0,010	0,121	FALSE
0,027	0,278	0,000	0,011	0,015	FALSE
-0,173	0,278	-0,005	0,010	0,199	FALSE

0,102	0,276	0,003	0,015	0,081	FALSE
0,006	0,284	-0,001	0,017	0,011	FALSE
-0,170	0,287	-0,005	0,008	0,233	FALSE
0,186	0,270	0,010	0,016	0,293	FALSE
-0,011	0,286	0,000	0,010	0,010	FALSE
0,017	0,273	0,002	0,012	0,058	FALSE
0,050	0,294	0,003	0,017	0,066	FALSE
0,091	0,286	0,004	0,010	0,166	FALSE
0,026	0,273	0,002	0,010	0,079	FALSE
0,052	0,282	0,003	0,010	0,100	FALSE
-0,130	0,282	-0,005	0,010	0,192	FALSE
-0,096	0,283	-0,006	0,015	0,170	FALSE
-0,103	0,280	-0,004	0,010	0,147	FALSE
0,030	0,281	0,000	0,011	0,010	FALSE
0,029	0,294	0,001	0,015	0,028	FALSE
-0,100	0,286	-0,007	0,018	0,155	FALSE
0,144	0,280	0,007	0,013	0,210	FALSE
0,149	0,276	0,006	0,013	0,206	FALSE
0,064	0,290	0,001	0,014	0,037	FALSE
-0,206	0,272	-0,010	0,014	0,343	FALSE
-0,136	0,281	-0,008	0,015	0,220	FALSE
-0,050	0,276	-0,003	0,010	0,103	FALSE
-0,101	0,282	-0,003	0,013	0,087	FALSE
-0,090	0,277	-0,002	0,013	0,055	FALSE
-0,001	0,280	0,002	0,013	0,066	FALSE
-0,109	0,283	-0,006	0,016	0,161	FALSE
-0,197	0,274	-0,006	0,009	0,280	FALSE
-0,014	0,280	0,001	0,010	0,021	FALSE
-0,109	0,277	-0,005	0,017	0,118	FALSE
0,037	0,292	0,001	0,010	0,037	FALSE
0,050	0,283	0,000	0,009	0,017	FALSE
-0,197	0,272	-0,008	0,011	0,347	FALSE
-0,070	0,278	-0,002	0,013	0,057	FALSE
-0,022	0,302	0,000	0,009	0,006	FALSE
0,063	0,286	0,002	0,012	0,073	FALSE
-0,107	0,291	-0,004	0,012	0,122	FALSE
0,122	0,256	0,002	0,011	0,078	FALSE
0,019	0,270	0,002	0,009	0,065	FALSE
0,076	0,277	0,001	0,010	0,034	FALSE
-0,020	0,297	0,000	0,014	0,006	FALSE
-0,087	0,289	-0,003	0,009	0,117	FALSE
0,043	0,285	0,001	0,012	0,037	FALSE
0,085	0,273	0,004	0,013	0,128	FALSE
0,033	0,289	0,000	0,013	0,011	FALSE
-0,021	0,281	0,000	0,010	0,003	FALSE
-0,100	0,284	-0,006	0,016	0,143	FALSE
-0,019	0,287	-0,001	0,012	0,028	FALSE
0,024	0,290	0,003	0,018	0,052	FALSE
0,033	0,287	0,003	0,017	0,073	FALSE
0,063	0,273	0,002	0,016	0,037	FALSE
0,092	0,274	0,002	0,015	0,052	FALSE
0,033	0,302	0,001	0,013	0,038	FALSE
0,037	0,290	0,001	0,012	0,036	FALSE

-0,140	0,293	-0,009	0,018	0,219	FALSE
-0,054	0,291	-0,003	0,016	0,082	FALSE
-0,155	0,282	-0,009	0,016	0,237	FALSE
-0,132	0,297	-0,003	0,009	0,139	FALSE
-0,004	0,289	0,003	0,016	0,065	FALSE
-0,101	0,294	-0,005	0,016	0,125	FALSE
-0,092	0,293	-0,004	0,017	0,095	FALSE
-0,146	0,285	-0,009	0,016	0,218	FALSE
-0,044	0,269	0,000	0,012	0,006	FALSE
-0,211	0,279	-0,010	0,015	0,292	FALSE
-0,201	0,292	-0,009	0,015	0,256	FALSE
0,016	0,289	-0,001	0,010	0,027	FALSE
-0,020	0,286	-0,001	0,017	0,027	FALSE
-0,042	0,271	-0,006	0,018	0,124	FALSE
0,064	0,287	0,004	0,011	0,167	FALSE
-0,086	0,276	-0,007	0,017	0,154	FALSE
-0,094	0,273	-0,008	0,018	0,193	FALSE
0,179	0,286	0,004	0,009	0,216	FALSE
0,159	0,287	0,004	0,009	0,189	FALSE
0,045	0,273	0,001	0,016	0,026	FALSE
-0,097	0,274	-0,004	0,012	0,119	FALSE
-0,043	0,295	-0,003	0,018	0,052	FALSE
-0,084	0,296	-0,001	0,008	0,054	FALSE
0,038	0,290	0,003	0,017	0,064	FALSE
-0,065	0,275	-0,005	0,016	0,124	FALSE
0,176	0,289	0,007	0,012	0,234	FALSE
0,151	0,281	0,007	0,015	0,200	FALSE
-0,009	0,277	0,000	0,017	0,009	FALSE
-0,117	0,273	-0,007	0,015	0,183	FALSE
0,038	0,271	0,003	0,013	0,083	FALSE
-0,001	0,284	-0,003	0,017	0,074	FALSE
0,109	0,277	0,004	0,012	0,143	FALSE
-0,008	0,276	-0,001	0,011	0,022	FALSE
-0,159	0,283	-0,008	0,013	0,259	FALSE
0,091	0,283	0,006	0,017	0,146	FALSE
0,192	0,280	0,008	0,012	0,285	FALSE
-0,003	0,285	0,000	0,010	0,008	FALSE
0,105	0,276	0,007	0,018	0,148	FALSE
0,211	0,277	0,009	0,012	0,320	FALSE
0,152	0,266	0,011	0,017	0,284	FALSE
0,128	0,274	0,007	0,016	0,177	FALSE
0,010	0,290	0,000	0,009	0,004	FALSE
0,026	0,277	0,000	0,009	0,018	FALSE
-0,052	0,297	-0,001	0,011	0,022	FALSE
-0,094	0,282	-0,003	0,011	0,111	FALSE
-0,051	0,270	-0,001	0,010	0,026	FALSE
-0,093	0,290	-0,004	0,014	0,101	FALSE
0,118	0,284	0,003	0,009	0,152	FALSE
-0,035	0,293	0,000	0,009	0,003	FALSE
-0,042	0,298	-0,001	0,013	0,033	FALSE
0,076	0,287	0,003	0,012	0,109	FALSE
-0,135	0,288	-0,003	0,009	0,143	FALSE
0,035	0,279	0,000	0,015	0,008	FALSE

-0,057	0,293	-0,005	0,018	0,110	FALSE
0,004	0,285	0,001	0,018	0,015	FALSE
0,149	0,287	0,009	0,017	0,218	FALSE
0,128	0,288	0,007	0,017	0,166	FALSE
0,131	0,296	0,007	0,018	0,163	FALSE
0,019	0,285	0,001	0,016	0,017	FALSE
0,115	0,288	0,005	0,015	0,146	FALSE
0,073	0,275	0,003	0,013	0,089	FALSE
0,123	0,285	0,005	0,014	0,134	FALSE
0,118	0,282	0,004	0,013	0,137	FALSE
-0,186	0,280	-0,008	0,013	0,250	FALSE
0,059	0,279	-0,001	0,012	0,015	FALSE
-0,134	0,281	-0,004	0,010	0,184	FALSE
-0,047	0,292	0,000	0,018	0,007	FALSE
-0,010	0,289	0,000	0,017	0,005	FALSE
-0,001	0,289	0,000	0,016	0,007	FALSE
0,081	0,299	0,004	0,017	0,091	FALSE
0,021	0,281	0,002	0,011	0,066	FALSE
0,030	0,289	0,003	0,010	0,097	FALSE
0,003	0,288	0,001	0,016	0,023	FALSE
0,003	0,273	0,000	0,009	0,001	FALSE
0,021	0,297	0,002	0,011	0,080	FALSE
0,229	0,289	0,013	0,017	0,360	FALSE
-0,216	0,283	-0,006	0,009	0,271	FALSE
0,166	0,284	0,005	0,012	0,170	FALSE
0,185	0,272	0,006	0,011	0,205	FALSE
-0,272	0,257	-0,014	0,015	0,456	FALSE
0,079	0,283	0,003	0,011	0,114	FALSE
-0,163	0,257	-0,008	0,017	0,189	FALSE
-0,175	0,265	-0,009	0,016	0,233	FALSE
-0,020	0,291	0,001	0,013	0,026	FALSE
-0,056	0,292	-0,001	0,011	0,024	FALSE
0,047	0,293	0,002	0,018	0,050	FALSE
-0,071	0,296	-0,002	0,016	0,045	FALSE
0,021	0,275	0,001	0,016	0,012	FALSE
0,001	0,285	0,001	0,009	0,051	FALSE
0,122	0,265	0,005	0,016	0,113	FALSE
-0,101	0,277	-0,004	0,017	0,097	FALSE
-0,021	0,282	-0,001	0,011	0,041	FALSE
0,109	0,291	0,005	0,012	0,152	FALSE
0,126	0,294	0,005	0,012	0,182	FALSE
0,037	0,279	0,001	0,009	0,027	FALSE
-0,073	0,280	-0,003	0,013	0,098	FALSE
-0,062	0,269	-0,004	0,017	0,078	FALSE
0,022	0,281	0,001	0,016	0,027	FALSE
-0,056	0,290	-0,001	0,013	0,027	FALSE
-0,085	0,284	-0,002	0,011	0,070	FALSE
-0,122	0,287	-0,004	0,012	0,111	FALSE
-0,127	0,291	-0,004	0,012	0,126	FALSE
0,068	0,270	0,004	0,012	0,140	FALSE
0,029	0,285	0,003	0,010	0,111	FALSE
0,029	0,288	0,001	0,011	0,034	FALSE
-0,028	0,279	-0,002	0,017	0,034	FALSE

0,020	0,282	0,003	0,017	0,077	FALSE
0,052	0,293	0,000	0,015	0,006	FALSE
0,156	0,283	0,004	0,013	0,108	FALSE
-0,066	0,259	-0,005	0,016	0,133	FALSE
0,037	0,288	0,002	0,013	0,065	FALSE
0,035	0,287	0,001	0,009	0,042	FALSE
-0,156	0,283	-0,006	0,011	0,233	FALSE
0,004	0,293	0,001	0,009	0,047	FALSE
0,019	0,295	0,001	0,009	0,057	FALSE
-0,064	0,278	-0,001	0,011	0,038	FALSE
-0,180	0,271	-0,007	0,010	0,305	FALSE
-0,080	0,268	-0,006	0,013	0,197	FALSE
0,020	0,293	0,002	0,016	0,053	FALSE
-0,200	0,281	-0,007	0,010	0,299	FALSE
-0,200	0,288	-0,007	0,010	0,298	FALSE
-0,010	0,286	0,001	0,013	0,029	FALSE
-0,023	0,291	0,000	0,017	0,004	FALSE
-0,214	0,281	-0,008	0,012	0,286	FALSE
-0,003	0,299	-0,001	0,010	0,049	FALSE
0,063	0,276	0,005	0,017	0,127	FALSE
0,092	0,274	0,003	0,010	0,107	FALSE
0,065	0,281	0,002	0,011	0,051	FALSE
0,043	0,283	0,001	0,012	0,023	FALSE
-0,118	0,274	-0,006	0,014	0,157	FALSE
0,099	0,281	0,003	0,009	0,139	FALSE
0,038	0,304	0,001	0,011	0,036	FALSE
0,082	0,284	0,006	0,010	0,256	FALSE
0,062	0,265	0,004	0,017	0,094	FALSE
0,009	0,287	0,000	0,018	0,008	FALSE
0,134	0,271	0,007	0,016	0,192	FALSE
0,176	0,286	0,007	0,015	0,205	FALSE
0,105	0,280	0,003	0,015	0,071	FALSE
-0,131	0,295	-0,008	0,018	0,198	FALSE
0,090	0,278	0,002	0,014	0,058	FALSE
-0,134	0,291	-0,006	0,014	0,187	FALSE
0,180	0,273	0,004	0,009	0,190	FALSE
-0,082	0,281	-0,004	0,014	0,123	FALSE
-0,063	0,286	-0,004	0,015	0,091	FALSE
0,137	0,290	0,006	0,012	0,220	FALSE
0,099	0,290	0,005	0,013	0,154	FALSE
0,066	0,285	0,003	0,012	0,096	FALSE
-0,021	0,285	-0,001	0,015	0,025	FALSE
-0,004	0,280	-0,001	0,016	0,031	FALSE
0,005	0,296	0,000	0,015	0,003	FALSE
0,237	0,274	0,014	0,018	0,383	FALSE
0,037	0,287	0,002	0,010	0,064	FALSE
0,067	0,289	0,002	0,010	0,086	FALSE
0,013	0,299	0,000	0,017	0,008	FALSE
0,006	0,293	-0,001	0,017	0,017	FALSE
-0,048	0,306	-0,003	0,017	0,073	FALSE
-0,051	0,282	-0,001	0,011	0,029	FALSE
-0,123	0,282	-0,005	0,013	0,160	FALSE
-0,127	0,278	-0,005	0,013	0,162	FALSE

-0,003	0,294	0,001	0,012	0,038	FALSE
0,149	0,278	0,007	0,013	0,248	FALSE
-0,015	0,286	-0,001	0,017	0,024	FALSE
-0,044	0,279	-0,005	0,016	0,126	FALSE
0,001	0,294	0,001	0,009	0,043	FALSE
-0,025	0,276	-0,004	0,013	0,105	FALSE
-0,058	0,296	-0,003	0,018	0,060	FALSE
-0,092	0,289	-0,002	0,011	0,078	FALSE
-0,052	0,272	-0,001	0,010	0,038	FALSE
-0,018	0,288	0,001	0,008	0,049	FALSE
-0,039	0,283	-0,003	0,017	0,074	FALSE
0,203	0,280	0,009	0,014	0,260	FALSE
0,083	0,282	0,004	0,013	0,125	FALSE
-0,131	0,281	-0,006	0,017	0,133	FALSE
-0,131	0,266	-0,008	0,016	0,223	FALSE
-0,116	0,289	-0,006	0,017	0,133	FALSE
-0,094	0,291	-0,004	0,017	0,102	FALSE
0,088	0,278	0,002	0,008	0,107	FALSE
0,049	0,291	0,002	0,014	0,060	FALSE
0,027	0,295	0,001	0,014	0,039	FALSE
0,078	0,298	0,003	0,014	0,090	FALSE
0,118	0,285	0,006	0,018	0,148	FALSE
0,060	0,291	0,002	0,016	0,039	FALSE
0,035	0,277	0,000	0,010	0,016	FALSE
0,104	0,273	0,004	0,016	0,103	FALSE
0,091	0,274	0,001	0,017	0,021	FALSE
0,148	0,278	0,006	0,014	0,169	FALSE
0,127	0,270	0,004	0,014	0,127	FALSE
0,112	0,280	0,004	0,010	0,143	FALSE
0,108	0,282	0,004	0,011	0,140	FALSE
-0,127	0,281	-0,005	0,013	0,146	FALSE
0,057	0,273	0,004	0,017	0,083	FALSE
-0,158	0,283	-0,005	0,011	0,173	FALSE
0,008	0,280	0,002	0,011	0,065	FALSE
-0,016	0,282	0,000	0,016	0,006	FALSE
-0,021	0,266	0,000	0,015	0,005	FALSE
-0,017	0,264	0,002	0,013	0,068	FALSE
0,052	0,284	0,001	0,012	0,037	FALSE
0,028	0,290	0,000	0,017	0,001	FALSE
-0,090	0,275	-0,005	0,011	0,172	FALSE
-0,182	0,272	-0,009	0,016	0,264	FALSE
-0,070	0,294	-0,001	0,011	0,044	FALSE
0,082	0,304	0,005	0,016	0,113	FALSE
-0,003	0,297	0,001	0,018	0,018	FALSE
0,072	0,275	0,002	0,017	0,050	FALSE
-0,088	0,275	-0,004	0,016	0,105	FALSE
-0,073	0,293	-0,006	0,017	0,128	FALSE
-0,034	0,298	0,000	0,015	0,003	FALSE
0,071	0,273	0,003	0,013	0,079	FALSE
-0,022	0,292	-0,002	0,018	0,042	FALSE
-0,028	0,302	-0,001	0,015	0,013	FALSE
-0,040	0,291	0,000	0,014	0,012	FALSE
0,056	0,284	0,001	0,017	0,012	FALSE

0,078	0,277	0,002	0,015	0,059	FALSE
0,064	0,285	0,000	0,013	0,002	FALSE
0,030	0,297	0,000	0,015	0,007	FALSE
-0,042	0,291	-0,002	0,014	0,040	FALSE
0,110	0,268	0,003	0,010	0,103	FALSE
-0,103	0,287	-0,006	0,017	0,147	FALSE
0,013	0,275	0,002	0,014	0,041	FALSE
0,058	0,291	0,000	0,016	0,006	FALSE
-0,042	0,286	-0,002	0,010	0,055	FALSE
0,181	0,270	0,008	0,013	0,278	FALSE
-0,089	0,280	-0,002	0,017	0,053	FALSE
-0,042	0,293	-0,001	0,011	0,025	FALSE
-0,004	0,299	0,000	0,012	0,009	FALSE
-0,015	0,288	-0,003	0,014	0,081	FALSE
-0,118	0,282	-0,003	0,010	0,105	FALSE
0,114	0,279	0,003	0,010	0,102	FALSE
-0,089	0,287	-0,005	0,016	0,115	FALSE
-0,156	0,282	-0,009	0,016	0,220	FALSE
0,194	0,262	0,008	0,010	0,334	FALSE
-0,086	0,270	-0,004	0,014	0,124	FALSE
-0,157	0,291	-0,009	0,016	0,242	FALSE
0,056	0,290	0,004	0,016	0,094	FALSE
0,086	0,302	0,004	0,014	0,123	FALSE
-0,049	0,290	-0,001	0,011	0,049	FALSE
-0,068	0,305	-0,003	0,017	0,065	FALSE
0,059	0,292	0,001	0,010	0,020	FALSE
0,033	0,284	0,000	0,012	0,010	FALSE
0,154	0,277	0,006	0,013	0,201	FALSE
0,010	0,270	0,001	0,009	0,054	FALSE
-0,093	0,291	-0,005	0,018	0,112	FALSE
0,193	0,266	0,006	0,009	0,310	FALSE
0,002	0,297	0,000	0,017	0,005	FALSE
0,183	0,269	0,006	0,009	0,311	FALSE
-0,102	0,285	-0,004	0,013	0,117	FALSE
0,022	0,281	0,002	0,017	0,046	FALSE
-0,143	0,290	-0,006	0,016	0,162	FALSE
0,024	0,290	0,002	0,017	0,050	FALSE
0,032	0,289	0,001	0,009	0,032	FALSE
0,021	0,285	0,001	0,017	0,014	FALSE
-0,090	0,296	-0,002	0,013	0,056	FALSE
0,039	0,277	0,002	0,016	0,048	FALSE
0,105	0,280	0,003	0,009	0,125	FALSE
-0,046	0,275	-0,002	0,009	0,099	FALSE
0,168	0,272	0,007	0,015	0,202	FALSE
0,009	0,282	0,001	0,012	0,031	FALSE
0,133	0,278	0,005	0,011	0,215	FALSE
0,101	0,292	0,007	0,018	0,157	FALSE
0,120	0,267	0,007	0,017	0,159	FALSE
0,100	0,274	0,006	0,016	0,135	FALSE
0,047	0,288	0,002	0,010	0,058	FALSE
0,095	0,284	0,006	0,017	0,143	FALSE
-0,094	0,281	-0,006	0,015	0,177	FALSE
-0,157	0,276	-0,008	0,016	0,223	FALSE

-0,221	0,284	-0,009	0,016	0,244	FALSE
-0,092	0,294	-0,004	0,013	0,134	FALSE
0,029	0,280	0,000	0,009	0,012	FALSE
-0,048	0,273	-0,001	0,009	0,023	FALSE
0,071	0,286	0,003	0,012	0,097	FALSE
0,093	0,277	0,003	0,012	0,103	FALSE
0,112	0,269	0,005	0,015	0,116	FALSE
-0,020	0,291	-0,001	0,012	0,021	FALSE
0,170	0,256	0,005	0,010	0,195	FALSE
-0,157	0,282	-0,011	0,018	0,283	FALSE
-0,232	0,279	-0,008	0,010	0,350	FALSE
-0,118	0,283	-0,006	0,015	0,159	FALSE
0,066	0,263	0,002	0,009	0,064	FALSE
0,117	0,289	0,002	0,009	0,112	FALSE
-0,330	0,268	-0,019	0,018	0,564	FALSE
-0,286	0,260	-0,016	0,017	0,444	FALSE
0,180	0,261	0,011	0,015	0,324	FALSE
-0,031	0,289	-0,004	0,016	0,100	FALSE
0,124	0,274	0,008	0,014	0,225	FALSE
0,153	0,283	0,006	0,011	0,224	FALSE
-0,118	0,272	-0,007	0,015	0,196	FALSE
0,011	0,282	0,001	0,017	0,032	FALSE
-0,177	0,280	-0,010	0,017	0,259	FALSE
-0,097	0,286	-0,006	0,015	0,161	FALSE
0,009	0,282	0,000	0,016	0,008	FALSE
0,115	0,272	0,004	0,011	0,142	FALSE
0,050	0,291	0,003	0,010	0,110	FALSE
0,061	0,278	0,004	0,012	0,131	FALSE
-0,225	0,278	-0,010	0,014	0,345	FALSE
-0,060	0,298	-0,002	0,010	0,088	FALSE
-0,093	0,294	-0,003	0,010	0,107	FALSE
-0,300	0,260	-0,015	0,016	0,478	FALSE
-0,013	0,293	0,000	0,014	0,010	FALSE
-0,154	0,282	-0,010	0,014	0,323	FALSE
0,029	0,289	0,001	0,012	0,029	FALSE
-0,098	0,271	-0,006	0,017	0,143	FALSE
0,086	0,279	0,005	0,017	0,103	FALSE
0,076	0,276	0,002	0,017	0,050	FALSE
-0,187	0,265	-0,009	0,013	0,304	FALSE
0,151	0,258	0,009	0,016	0,234	FALSE
0,072	0,285	0,002	0,009	0,103	FALSE
0,085	0,288	0,004	0,012	0,131	FALSE
-0,032	0,278	-0,001	0,012	0,036	FALSE
0,076	0,298	0,003	0,010	0,101	FALSE
-0,223	0,277	-0,009	0,011	0,373	FALSE
0,001	0,266	0,000	0,012	0,014	FALSE
0,099	0,292	0,008	0,017	0,187	FALSE
0,023	0,291	0,003	0,015	0,064	FALSE
0,149	0,264	0,005	0,011	0,195	FALSE
0,058	0,277	-0,002	0,016	0,035	FALSE
0,013	0,291	0,002	0,013	0,042	FALSE
-0,032	0,290	0,000	0,013	0,011	FALSE
0,063	0,281	0,002	0,014	0,046	FALSE

0,017	0,283	-0,003	0,015	0,071	FALSE
0,084	0,277	0,002	0,009	0,063	FALSE
0,087	0,285	0,002	0,009	0,071	FALSE
0,158	0,288	0,005	0,010	0,210	FALSE
-0,114	0,292	-0,003	0,012	0,095	FALSE
0,255	0,250	0,010	0,013	0,350	FALSE
-0,042	0,282	-0,001	0,011	0,044	FALSE
-0,061	0,294	-0,003	0,012	0,092	FALSE
-0,164	0,279	-0,004	0,010	0,190	FALSE
0,180	0,277	0,006	0,010	0,267	FALSE
-0,094	0,289	-0,005	0,017	0,122	FALSE
-0,036	0,290	-0,002	0,010	0,079	FALSE
0,021	0,271	0,001	0,013	0,037	FALSE
0,173	0,275	0,006	0,013	0,192	FALSE
0,025	0,277	0,003	0,016	0,064	FALSE
0,083	0,269	0,003	0,009	0,115	FALSE
0,058	0,298	0,003	0,017	0,062	FALSE
0,107	0,281	0,007	0,017	0,155	FALSE
0,103	0,278	0,003	0,011	0,092	FALSE
0,048	0,289	0,001	0,012	0,025	FALSE
-0,011	0,296	0,000	0,018	0,008	FALSE
-0,175	0,280	-0,006	0,009	0,275	FALSE
-0,099	0,284	-0,005	0,015	0,143	FALSE
-0,049	0,291	-0,002	0,011	0,059	FALSE
-0,010	0,267	0,002	0,013	0,044	FALSE
-0,197	0,279	-0,006	0,009	0,309	FALSE
-0,012	0,285	-0,001	0,013	0,016	FALSE
-0,026	0,290	0,001	0,017	0,013	FALSE
-0,100	0,287	-0,003	0,010	0,120	FALSE
0,042	0,273	0,001	0,012	0,043	FALSE
-0,081	0,267	-0,001	0,017	0,029	FALSE
-0,076	0,277	-0,001	0,016	0,030	FALSE
-0,005	0,289	0,000	0,012	0,001	FALSE
0,269	0,262	0,013	0,015	0,428	FALSE
0,263	0,264	0,013	0,016	0,398	FALSE
-0,084	0,283	-0,003	0,012	0,111	FALSE
0,127	0,284	0,003	0,009	0,133	FALSE
0,170	0,275	0,011	0,017	0,267	FALSE
-0,065	0,287	-0,001	0,014	0,025	FALSE
-0,026	0,295	-0,001	0,013	0,032	FALSE
-0,134	0,268	-0,003	0,010	0,124	FALSE
-0,036	0,267	-0,002	0,012	0,070	FALSE
-0,019	0,294	0,000	0,010	0,012	FALSE
-0,104	0,291	-0,004	0,012	0,120	FALSE
0,182	0,291	0,009	0,012	0,314	FALSE
0,070	0,269	0,004	0,015	0,092	FALSE
-0,093	0,272	-0,005	0,012	0,162	FALSE
0,074	0,275	0,003	0,012	0,106	FALSE
-0,082	0,284	-0,002	0,010	0,071	FALSE
-0,122	0,296	-0,003	0,012	0,108	FALSE
0,050	0,270	0,002	0,013	0,051	FALSE
-0,001	0,297	0,001	0,014	0,019	FALSE
0,047	0,280	0,002	0,014	0,059	FALSE

-0,097	0,294	-0,003	0,009	0,124	FALSE
-0,081	0,285	-0,006	0,012	0,205	FALSE
-0,170	0,280	-0,012	0,017	0,327	FALSE
0,007	0,278	0,000	0,013	0,008	FALSE
-0,145	0,284	-0,004	0,011	0,139	FALSE
0,120	0,279	0,004	0,010	0,159	FALSE
-0,075	0,289	0,000	0,015	0,010	FALSE
0,050	0,293	0,002	0,016	0,043	FALSE
0,043	0,293	0,001	0,016	0,022	FALSE
-0,031	0,289	-0,002	0,009	0,072	FALSE
-0,207	0,279	-0,008	0,010	0,365	FALSE
-0,081	0,277	-0,003	0,009	0,159	FALSE
0,078	0,275	0,002	0,012	0,048	FALSE
0,141	0,287	0,004	0,013	0,120	FALSE
-0,031	0,278	-0,001	0,009	0,053	FALSE
0,125	0,268	0,003	0,008	0,148	FALSE
-0,016	0,284	-0,002	0,015	0,058	FALSE
-0,001	0,290	0,001	0,014	0,018	FALSE
0,129	0,278	0,007	0,016	0,182	FALSE
0,187	0,272	0,006	0,009	0,287	FALSE
0,091	0,285	0,006	0,015	0,175	FALSE
-0,097	0,273	-0,006	0,013	0,179	FALSE
-0,002	0,289	-0,003	0,016	0,066	FALSE
0,010	0,278	0,003	0,015	0,061	FALSE
0,043	0,281	0,006	0,017	0,132	FALSE
-0,010	0,267	-0,001	0,013	0,029	FALSE
-0,035	0,297	0,000	0,014	0,006	FALSE
-0,173	0,288	-0,010	0,016	0,272	FALSE
0,026	0,252	0,005	0,017	0,100	FALSE
0,036	0,290	0,003	0,015	0,082	FALSE
-0,031	0,298	-0,001	0,011	0,037	FALSE
0,030	0,285	0,003	0,014	0,074	FALSE
0,088	0,272	0,003	0,016	0,075	FALSE
0,083	0,274	0,003	0,017	0,070	FALSE
0,041	0,282	0,000	0,009	0,002	FALSE
0,041	0,287	0,000	0,014	0,011	FALSE
-0,162	0,288	-0,005	0,011	0,193	FALSE
0,038	0,290	0,001	0,013	0,015	FALSE
-0,111	0,264	-0,005	0,015	0,125	FALSE
-0,237	0,274	-0,006	0,009	0,303	FALSE
-0,064	0,290	-0,002	0,009	0,078	FALSE
-0,055	0,284	-0,003	0,013	0,096	FALSE
-0,098	0,268	-0,001	0,014	0,035	FALSE
-0,178	0,278	-0,012	0,018	0,294	FALSE
0,058	0,286	0,003	0,013	0,100	FALSE
0,179	0,289	0,005	0,010	0,226	FALSE
0,188	0,273	0,006	0,010	0,270	FALSE
0,128	0,287	0,004	0,010	0,152	FALSE
-0,113	0,295	-0,006	0,016	0,155	FALSE
-0,204	0,280	-0,006	0,010	0,257	FALSE
-0,182	0,297	-0,005	0,009	0,256	FALSE
-0,130	0,289	-0,006	0,013	0,216	FALSE
0,147	0,272	0,005	0,009	0,241	FALSE

0,109	0,288	0,007	0,016	0,172	FALSE
0,113	0,274	0,007	0,014	0,196	FALSE
-0,145	0,282	-0,003	0,013	0,091	FALSE
-0,130	0,285	-0,005	0,018	0,115	FALSE
0,078	0,293	0,001	0,018	0,025	FALSE
-0,026	0,291	-0,002	0,014	0,039	FALSE
0,080	0,278	0,003	0,011	0,101	FALSE
-0,120	0,283	-0,006	0,013	0,186	FALSE
0,135	0,264	0,004	0,011	0,155	FALSE
0,066	0,267	0,001	0,017	0,029	FALSE
-0,040	0,296	-0,001	0,011	0,027	FALSE
-0,034	0,287	-0,001	0,016	0,030	FALSE
-0,051	0,287	-0,004	0,018	0,096	FALSE
-0,135	0,279	-0,009	0,017	0,217	FALSE
0,012	0,286	0,001	0,012	0,031	FALSE
-0,033	0,291	0,000	0,009	0,008	FALSE
0,051	0,274	0,002	0,016	0,050	FALSE
-0,172	0,284	-0,007	0,013	0,224	FALSE
-0,047	0,288	-0,002	0,011	0,062	FALSE
0,094	0,269	0,002	0,011	0,067	FALSE
0,140	0,277	0,005	0,015	0,140	FALSE
0,044	0,292	0,003	0,013	0,088	FALSE
-0,058	0,287	-0,001	0,014	0,026	FALSE
0,059	0,290	0,004	0,013	0,107	FALSE
-0,008	0,287	0,000	0,016	0,001	FALSE
-0,130	0,273	-0,009	0,014	0,267	FALSE
-0,191	0,283	-0,006	0,009	0,299	FALSE
-0,032	0,281	0,001	0,011	0,038	FALSE
-0,067	0,294	-0,002	0,010	0,058	FALSE
0,025	0,286	0,002	0,014	0,039	FALSE
-0,044	0,285	0,000	0,011	0,004	FALSE
-0,171	0,283	-0,005	0,011	0,185	FALSE
0,096	0,283	0,005	0,012	0,177	FALSE
-0,118	0,284	-0,006	0,012	0,199	FALSE
0,133	0,270	0,006	0,016	0,147	FALSE
-0,088	0,293	-0,005	0,013	0,164	FALSE
0,073	0,281	0,002	0,013	0,064	FALSE
0,078	0,283	0,001	0,014	0,013	FALSE
-0,023	0,293	0,002	0,011	0,060	FALSE
-0,115	0,285	-0,004	0,013	0,115	FALSE
0,052	0,284	0,005	0,016	0,110	FALSE
0,114	0,281	0,004	0,012	0,125	FALSE
-0,080	0,271	-0,005	0,014	0,159	FALSE
0,129	0,280	0,003	0,008	0,152	FALSE
-0,146	0,275	-0,004	0,009	0,184	FALSE
-0,224	0,282	-0,009	0,015	0,276	FALSE
-0,217	0,287	-0,008	0,012	0,278	FALSE
0,182	0,273	0,011	0,017	0,274	FALSE
-0,089	0,281	-0,004	0,011	0,146	FALSE
-0,013	0,295	0,001	0,016	0,020	FALSE
0,172	0,277	0,010	0,017	0,250	FALSE
0,038	0,290	0,001	0,016	0,016	FALSE
0,036	0,290	0,001	0,017	0,030	FALSE

-0,150	0,292	-0,007	0,015	0,211	FALSE
-0,173	0,280	-0,008	0,017	0,182	FALSE
0,153	0,287	0,007	0,011	0,278	FALSE
-0,080	0,284	-0,005	0,013	0,147	FALSE
0,054	0,274	0,003	0,016	0,065	FALSE
0,022	0,274	0,000	0,013	0,013	FALSE
-0,112	0,271	-0,004	0,013	0,101	FALSE
0,115	0,268	0,008	0,017	0,207	FALSE
0,108	0,288	0,006	0,013	0,191	FALSE
-0,127	0,278	-0,003	0,012	0,097	FALSE
-0,122	0,277	-0,006	0,010	0,231	FALSE
0,090	0,286	0,003	0,010	0,125	FALSE
-0,022	0,281	0,000	0,017	0,001	FALSE
0,034	0,281	0,004	0,013	0,123	FALSE
-0,027	0,283	-0,001	0,009	0,021	FALSE
-0,070	0,278	0,000	0,012	0,004	FALSE
-0,009	0,285	-0,001	0,013	0,019	FALSE
-0,017	0,276	-0,003	0,016	0,059	FALSE
0,049	0,293	0,002	0,019	0,038	FALSE
-0,053	0,289	-0,004	0,015	0,111	FALSE
-0,056	0,279	-0,002	0,009	0,093	FALSE
0,053	0,295	0,003	0,015	0,085	FALSE
-0,059	0,290	-0,001	0,009	0,022	FALSE
0,175	0,274	0,010	0,014	0,322	FALSE
0,086	0,281	0,004	0,014	0,124	FALSE
0,021	0,294	0,002	0,010	0,078	FALSE
0,056	0,274	0,003	0,017	0,078	FALSE
0,076	0,281	0,004	0,017	0,084	FALSE
0,103	0,282	0,003	0,010	0,112	FALSE
0,168	0,279	0,007	0,015	0,200	FALSE
-0,051	0,289	-0,002	0,010	0,075	FALSE
0,045	0,277	0,000	0,012	0,001	FALSE
0,063	0,275	0,004	0,016	0,094	FALSE
-0,099	0,300	-0,005	0,016	0,131	FALSE
-0,011	0,271	0,000	0,014	0,006	FALSE
-0,094	0,287	-0,002	0,009	0,092	FALSE
-0,007	0,295	0,000	0,010	0,009	FALSE
-0,184	0,275	-0,011	0,017	0,282	FALSE
0,177	0,277	0,012	0,016	0,335	FALSE
0,038	0,290	0,002	0,010	0,067	FALSE
0,057	0,285	0,003	0,010	0,095	FALSE
-0,003	0,275	-0,001	0,015	0,034	FALSE
0,027	0,280	0,000	0,016	0,001	FALSE
0,037	0,295	0,002	0,017	0,038	FALSE
0,041	0,270	0,003	0,013	0,097	FALSE
0,132	0,277	0,002	0,008	0,100	FALSE
-0,090	0,292	-0,008	0,017	0,202	FALSE
-0,142	0,279	-0,011	0,017	0,280	FALSE
0,054	0,289	0,002	0,012	0,072	FALSE
-0,103	0,284	-0,008	0,016	0,224	FALSE
-0,147	0,290	-0,006	0,010	0,263	FALSE
-0,018	0,285	-0,002	0,014	0,059	FALSE
-0,143	0,276	-0,004	0,015	0,092	FALSE

-0,024	0,286	-0,001	0,009	0,044	FALSE
0,090	0,271	0,002	0,010	0,084	FALSE
0,100	0,286	0,003	0,012	0,108	FALSE
0,167	0,275	0,003	0,009	0,137	FALSE
0,108	0,286	0,007	0,017	0,161	FALSE
-0,048	0,273	-0,002	0,015	0,048	FALSE
-0,101	0,273	-0,003	0,010	0,128	FALSE
-0,077	0,276	-0,004	0,012	0,120	FALSE
0,053	0,288	0,001	0,014	0,037	FALSE
-0,080	0,281	-0,002	0,014	0,044	FALSE
0,009	0,292	-0,002	0,016	0,049	FALSE
0,175	0,275	0,004	0,009	0,171	FALSE
-0,009	0,275	-0,002	0,010	0,085	FALSE
-0,104	0,292	-0,004	0,017	0,088	FALSE
0,151	0,281	0,004	0,018	0,092	FALSE
-0,102	0,282	-0,006	0,017	0,150	FALSE
0,034	0,285	0,002	0,014	0,066	FALSE
0,104	0,267	0,005	0,016	0,137	FALSE
-0,134	0,294	-0,008	0,018	0,195	FALSE
0,013	0,269	-0,001	0,015	0,031	FALSE
-0,029	0,289	-0,002	0,009	0,085	FALSE
-0,194	0,269	-0,011	0,014	0,345	FALSE
-0,044	0,290	-0,001	0,012	0,038	FALSE
0,012	0,281	-0,001	0,014	0,013	FALSE
-0,017	0,287	0,000	0,010	0,006	FALSE
0,145	0,293	0,004	0,012	0,142	FALSE
-0,048	0,288	-0,002	0,011	0,059	FALSE
0,030	0,293	0,002	0,016	0,045	FALSE
0,064	0,286	0,003	0,014	0,076	FALSE
0,060	0,286	0,003	0,016	0,060	FALSE
-0,206	0,278	-0,007	0,010	0,312	FALSE
-0,013	0,266	-0,002	0,010	0,090	FALSE
-0,084	0,277	-0,004	0,017	0,081	FALSE
0,066	0,282	0,004	0,015	0,094	FALSE
0,130	0,272	0,007	0,015	0,182	FALSE
-0,070	0,292	-0,001	0,009	0,042	FALSE
0,022	0,288	0,002	0,009	0,104	FALSE
-0,094	0,297	-0,002	0,008	0,084	FALSE
-0,070	0,282	-0,002	0,010	0,068	FALSE
0,154	0,279	0,005	0,010	0,181	FALSE
0,081	0,282	0,001	0,010	0,044	FALSE
0,011	0,284	0,002	0,011	0,054	FALSE
-0,163	0,278	-0,007	0,014	0,228	FALSE
-0,149	0,284	-0,006	0,013	0,201	FALSE
0,001	0,283	0,000	0,014	0,000	FALSE
0,073	0,279	0,001	0,008	0,059	FALSE
0,252	0,259	0,008	0,010	0,396	FALSE
-0,141	0,263	-0,004	0,016	0,111	FALSE
0,024	0,289	-0,001	0,013	0,023	FALSE
-0,153	0,290	-0,009	0,017	0,226	FALSE
0,113	0,282	0,004	0,012	0,144	FALSE
0,056	0,279	0,002	0,011	0,077	FALSE
0,023	0,291	0,000	0,013	0,010	FALSE

0,076	0,271	0,002	0,009	0,081	FALSE
0,144	0,280	0,005	0,014	0,140	FALSE
-0,141	0,286	-0,004	0,009	0,171	FALSE
-0,134	0,284	-0,004	0,011	0,155	FALSE
0,277	0,276	0,015	0,015	0,530	FALSE
-0,087	0,286	-0,004	0,013	0,130	FALSE
-0,055	0,274	-0,001	0,010	0,042	FALSE
0,029	0,285	0,001	0,015	0,018	FALSE
-0,077	0,283	-0,005	0,013	0,165	FALSE
0,031	0,269	0,001	0,010	0,035	FALSE
-0,022	0,278	-0,005	0,018	0,106	FALSE
0,096	0,293	0,002	0,010	0,076	FALSE
-0,175	0,283	-0,008	0,017	0,209	FALSE
-0,217	0,270	-0,013	0,016	0,373	FALSE
0,056	0,281	0,003	0,011	0,086	FALSE
0,124	0,278	0,003	0,010	0,098	FALSE
-0,234	0,274	-0,010	0,013	0,386	FALSE
0,037	0,267	0,000	0,015	0,011	FALSE
-0,028	0,269	-0,002	0,015	0,056	FALSE
0,062	0,288	0,002	0,010	0,072	FALSE
0,052	0,268	0,004	0,017	0,093	FALSE
0,028	0,289	0,002	0,013	0,046	FALSE
-0,109	0,277	-0,004	0,013	0,119	FALSE
-0,158	0,291	-0,005	0,009	0,225	FALSE
-0,045	0,300	-0,002	0,009	0,069	FALSE
-0,159	0,283	-0,006	0,013	0,192	FALSE
-0,172	0,296	-0,006	0,011	0,224	FALSE
-0,035	0,297	-0,001	0,010	0,019	FALSE
-0,137	0,286	-0,008	0,017	0,194	FALSE
0,079	0,290	0,002	0,013	0,049	FALSE
-0,041	0,288	-0,001	0,015	0,018	FALSE
0,109	0,297	0,003	0,013	0,087	FALSE
-0,104	0,281	-0,002	0,009	0,100	FALSE
0,138	0,278	0,005	0,014	0,153	FALSE
0,193	0,287	0,008	0,011	0,335	FALSE
-0,021	0,290	0,001	0,009	0,046	FALSE
-0,058	0,281	-0,006	0,016	0,148	FALSE
-0,061	0,286	-0,003	0,017	0,071	FALSE
0,104	0,282	0,003	0,010	0,137	FALSE
0,103	0,272	0,004	0,017	0,091	FALSE
-0,031	0,293	-0,001	0,013	0,021	FALSE
0,166	0,271	0,006	0,010	0,236	FALSE
-0,014	0,297	-0,001	0,013	0,021	FALSE
-0,050	0,282	-0,007	0,018	0,151	FALSE
-0,028	0,288	0,001	0,018	0,024	FALSE
0,196	0,273	0,004	0,009	0,204	FALSE
0,100	0,283	0,004	0,013	0,126	FALSE
0,095	0,278	0,003	0,017	0,068	FALSE
-0,053	0,288	-0,003	0,014	0,084	FALSE
-0,023	0,274	-0,003	0,016	0,074	FALSE
-0,139	0,271	-0,004	0,012	0,153	FALSE
0,236	0,262	0,012	0,015	0,381	FALSE
0,150	0,277	0,007	0,017	0,176	FALSE

0,089	0,280	0,002	0,009	0,100	FALSE
-0,049	0,282	-0,003	0,017	0,068	FALSE
0,274	0,267	0,016	0,017	0,453	FALSE
0,221	0,272	0,011	0,016	0,307	FALSE
-0,085	0,289	-0,003	0,010	0,104	FALSE
0,058	0,279	0,002	0,014	0,051	FALSE
-0,167	0,271	-0,009	0,017	0,225	FALSE
0,040	0,296	0,000	0,017	0,009	FALSE
0,178	0,258	0,006	0,011	0,235	FALSE
0,109	0,297	0,005	0,013	0,152	FALSE
0,014	0,282	0,001	0,009	0,034	FALSE
-0,028	0,285	-0,001	0,017	0,028	FALSE
-0,049	0,284	-0,002	0,017	0,032	FALSE
-0,067	0,275	-0,002	0,017	0,052	FALSE
-0,128	0,269	-0,006	0,017	0,147	FALSE
-0,005	0,289	-0,002	0,017	0,033	FALSE
-0,154	0,287	-0,004	0,009	0,205	FALSE
0,021	0,282	-0,001	0,014	0,021	FALSE
-0,022	0,287	0,001	0,018	0,016	FALSE
0,088	0,273	0,006	0,015	0,174	FALSE
0,081	0,288	0,006	0,016	0,155	FALSE
0,092	0,284	0,007	0,016	0,178	FALSE
0,090	0,301	0,007	0,017	0,162	FALSE
-0,018	0,298	-0,003	0,013	0,081	FALSE
0,305	0,264	0,014	0,015	0,439	FALSE
0,039	0,301	0,003	0,017	0,064	FALSE
0,005	0,283	0,000	0,010	0,002	FALSE
-0,017	0,288	-0,003	0,015	0,066	FALSE
0,020	0,280	-0,003	0,016	0,064	FALSE
-0,101	0,276	-0,005	0,014	0,154	FALSE
-0,089	0,287	-0,004	0,018	0,077	FALSE
-0,096	0,304	-0,005	0,018	0,101	FALSE
0,000	0,273	0,000	0,011	0,007	FALSE
-0,118	0,287	-0,003	0,013	0,101	FALSE
-0,051	0,290	-0,003	0,015	0,082	FALSE
0,105	0,294	0,003	0,014	0,079	FALSE
-0,059	0,278	-0,004	0,015	0,102	FALSE
0,000	0,288	-0,002	0,018	0,033	FALSE
0,018	0,292	0,002	0,009	0,063	FALSE
0,003	0,283	0,000	0,012	0,000	FALSE
0,100	0,287	0,007	0,018	0,156	FALSE
-0,026	0,284	-0,002	0,016	0,047	FALSE
0,157	0,280	0,008	0,016	0,223	FALSE
-0,040	0,282	-0,001	0,017	0,022	FALSE
0,040	0,281	0,004	0,012	0,133	FALSE
0,009	0,295	0,000	0,013	0,010	FALSE
-0,041	0,284	-0,001	0,013	0,039	FALSE
0,011	0,295	0,001	0,011	0,027	FALSE
0,081	0,285	0,004	0,011	0,127	FALSE
0,071	0,285	0,003	0,011	0,088	FALSE
0,066	0,290	0,002	0,011	0,087	FALSE
-0,015	0,289	-0,002	0,009	0,072	FALSE
-0,002	0,274	0,001	0,015	0,022	FALSE

0,092	0,271	0,006	0,015	0,145	FALSE
0,000	0,300	0,001	0,015	0,027	FALSE
0,083	0,286	0,003	0,011	0,092	FALSE
0,049	0,275	0,004	0,015	0,118	FALSE
-0,122	0,274	-0,004	0,009	0,189	FALSE
0,036	0,291	0,000	0,017	0,004	FALSE
0,129	0,259	0,008	0,018	0,182	FALSE
0,155	0,277	0,007	0,015	0,184	FALSE
0,042	0,272	0,001	0,016	0,022	FALSE
0,142	0,283	0,006	0,011	0,235	FALSE
-0,116	0,271	-0,003	0,009	0,116	FALSE
-0,213	0,279	-0,006	0,009	0,298	FALSE
0,181	0,286	0,005	0,009	0,242	FALSE
-0,101	0,270	-0,003	0,010	0,105	FALSE
-0,077	0,265	-0,002	0,015	0,035	FALSE
-0,012	0,281	0,000	0,018	0,009	FALSE
-0,071	0,276	-0,001	0,016	0,033	FALSE
-0,086	0,283	-0,003	0,012	0,097	FALSE
-0,102	0,280	-0,004	0,011	0,167	FALSE
-0,159	0,267	-0,009	0,018	0,217	FALSE
0,026	0,299	0,001	0,010	0,044	FALSE
-0,173	0,271	-0,007	0,014	0,219	FALSE
-0,156	0,290	-0,007	0,015	0,188	FALSE
-0,172	0,275	-0,007	0,014	0,204	FALSE
-0,166	0,278	-0,007	0,015	0,189	FALSE
-0,002	0,279	-0,001	0,009	0,037	FALSE
0,119	0,276	0,006	0,017	0,138	FALSE
0,064	0,306	0,003	0,014	0,079	FALSE
-0,036	0,291	-0,001	0,017	0,020	FALSE
-0,065	0,300	-0,002	0,012	0,072	FALSE
-0,006	0,279	0,000	0,013	0,002	FALSE
-0,024	0,290	-0,001	0,010	0,031	FALSE
-0,151	0,291	-0,008	0,013	0,256	FALSE
-0,152	0,286	-0,007	0,014	0,228	FALSE
-0,246	0,264	-0,012	0,017	0,326	FALSE
0,304	0,255	0,013	0,014	0,448	FALSE
-0,027	0,272	-0,001	0,010	0,029	FALSE
0,047	0,282	0,002	0,015	0,037	FALSE
0,035	0,285	0,002	0,012	0,065	FALSE
-0,117	0,294	-0,003	0,010	0,099	FALSE
0,154	0,289	0,008	0,015	0,228	FALSE
0,139	0,281	0,008	0,013	0,274	FALSE
0,035	0,279	0,001	0,013	0,020	FALSE
0,058	0,279	0,001	0,015	0,028	FALSE
-0,063	0,283	-0,003	0,008	0,122	FALSE
-0,038	0,286	0,000	0,010	0,005	FALSE
0,031	0,289	0,002	0,011	0,080	TRUE
-0,062	0,298	-0,001	0,011	0,050	FALSE
-0,028	0,276	-0,004	0,013	0,109	FALSE
0,111	0,273	0,006	0,017	0,141	FALSE
0,067	0,288	0,001	0,010	0,021	FALSE
0,098	0,287	0,003	0,017	0,072	FALSE
0,029	0,292	0,000	0,015	0,007	FALSE

0,065	0,279	0,004	0,017	0,100	FALSE
0,161	0,279	0,007	0,013	0,217	FALSE
-0,002	0,289	-0,002	0,016	0,037	FALSE
0,029	0,292	0,000	0,010	0,014	FALSE
0,022	0,287	0,000	0,009	0,005	FALSE
-0,098	0,276	-0,006	0,017	0,142	FALSE
0,003	0,288	0,001	0,010	0,018	FALSE
0,177	0,278	0,006	0,012	0,205	FALSE
0,181	0,274	0,007	0,010	0,320	FALSE
0,044	0,280	0,001	0,009	0,048	FALSE
0,090	0,290	0,008	0,017	0,183	FALSE
0,052	0,265	0,001	0,009	0,033	FALSE
0,067	0,272	0,001	0,009	0,057	FALSE
-0,032	0,287	-0,003	0,016	0,071	FALSE
-0,024	0,283	0,000	0,010	0,017	FALSE
-0,050	0,281	-0,002	0,010	0,096	FALSE
0,135	0,297	0,005	0,013	0,150	FALSE
0,011	0,291	0,001	0,011	0,017	FALSE
0,215	0,270	0,009	0,011	0,361	FALSE
-0,063	0,291	0,000	0,010	0,015	FALSE
-0,162	0,288	-0,005	0,009	0,257	FALSE
0,096	0,287	0,004	0,015	0,109	FALSE
-0,044	0,287	-0,001	0,010	0,057	FALSE
-0,133	0,301	-0,003	0,010	0,127	FALSE
-0,155	0,280	-0,004	0,010	0,160	FALSE
-0,038	0,282	-0,003	0,013	0,083	FALSE
0,069	0,281	0,003	0,009	0,148	FALSE
0,082	0,290	0,004	0,010	0,167	FALSE
-0,063	0,295	-0,003	0,010	0,107	FALSE
0,027	0,289	0,002	0,011	0,075	FALSE
0,032	0,294	0,001	0,008	0,041	FALSE
0,059	0,280	0,002	0,012	0,068	FALSE
0,059	0,295	0,004	0,016	0,087	FALSE
0,142	0,265	0,004	0,013	0,109	FALSE
0,166	0,277	0,005	0,012	0,181	FALSE
0,032	0,294	-0,001	0,012	0,039	FALSE
0,103	0,270	0,002	0,008	0,105	FALSE
0,078	0,271	0,001	0,009	0,063	FALSE
0,082	0,273	0,004	0,015	0,100	FALSE
0,100	0,287	0,003	0,010	0,110	FALSE
-0,088	0,278	-0,003	0,011	0,100	FALSE
-0,040	0,282	0,001	0,015	0,020	FALSE
-0,025	0,278	0,001	0,011	0,022	FALSE
0,046	0,280	0,002	0,012	0,075	FALSE
0,135	0,295	0,006	0,016	0,146	FALSE
0,145	0,275	0,010	0,017	0,253	FALSE
0,028	0,295	-0,001	0,011	0,025	FALSE
-0,175	0,287	-0,005	0,009	0,227	FALSE
-0,005	0,279	0,001	0,014	0,026	FALSE
-0,086	0,284	-0,004	0,017	0,083	FALSE
0,033	0,282	0,001	0,010	0,056	FALSE
-0,040	0,293	0,000	0,011	0,016	FALSE
0,021	0,271	0,001	0,010	0,048	FALSE

-0,009	0,263	-0,001	0,013	0,029	FALSE
0,065	0,269	0,003	0,016	0,060	FALSE
0,007	0,286	0,001	0,009	0,020	FALSE
-0,082	0,294	-0,005	0,016	0,115	FALSE
-0,113	0,284	-0,003	0,014	0,078	FALSE
-0,103	0,284	-0,004	0,013	0,107	FALSE
-0,032	0,282	-0,001	0,012	0,032	FALSE
0,080	0,274	0,001	0,008	0,052	FALSE
-0,015	0,282	0,000	0,010	0,012	FALSE
0,112	0,268	0,003	0,013	0,084	FALSE
-0,101	0,281	-0,003	0,013	0,096	FALSE
0,016	0,274	-0,004	0,017	0,081	FALSE
-0,018	0,287	-0,002	0,013	0,072	FALSE
-0,024	0,286	-0,006	0,016	0,162	FALSE
-0,003	0,298	-0,001	0,015	0,022	FALSE
0,067	0,273	0,004	0,012	0,143	FALSE
-0,031	0,300	-0,001	0,015	0,035	FALSE
0,109	0,288	0,007	0,018	0,150	FALSE
0,154	0,279	0,005	0,009	0,220	FALSE
-0,048	0,275	-0,002	0,012	0,050	FALSE
-0,070	0,271	-0,003	0,012	0,093	FALSE
0,190	0,280	0,006	0,012	0,216	FALSE
0,079	0,289	0,004	0,017	0,088	FALSE
0,057	0,279	0,003	0,011	0,091	FALSE
0,014	0,295	-0,001	0,014	0,028	FALSE
0,037	0,279	0,000	0,011	0,000	FALSE
-0,015	0,292	0,001	0,011	0,041	FALSE
0,044	0,274	0,004	0,017	0,084	FALSE
-0,027	0,291	-0,003	0,017	0,062	FALSE
-0,014	0,278	-0,001	0,016	0,030	FALSE
-0,159	0,275	-0,004	0,008	0,186	FALSE
-0,181	0,279	-0,005	0,009	0,207	FALSE
-0,001	0,289	0,000	0,013	0,010	FALSE
0,024	0,281	0,002	0,010	0,070	FALSE
-0,022	0,297	0,001	0,010	0,023	FALSE
0,043	0,288	0,003	0,013	0,083	FALSE
0,030	0,287	0,003	0,014	0,067	FALSE
0,035	0,289	0,003	0,012	0,087	FALSE
-0,180	0,266	-0,012	0,018	0,282	FALSE
0,236	0,264	0,007	0,009	0,379	FALSE
-0,046	0,280	-0,003	0,011	0,116	FALSE
0,193	0,265	0,006	0,009	0,284	FALSE
-0,051	0,295	-0,002	0,013	0,051	FALSE
0,076	0,297	0,002	0,013	0,064	FALSE
-0,108	0,277	-0,004	0,014	0,111	FALSE
0,127	0,284	0,003	0,010	0,137	FALSE
0,181	0,266	0,009	0,013	0,300	FALSE
0,190	0,273	0,009	0,013	0,293	FALSE
0,011	0,304	0,001	0,009	0,051	FALSE
-0,040	0,292	0,000	0,011	0,009	FALSE
0,041	0,296	0,003	0,016	0,081	FALSE
-0,164	0,280	-0,006	0,011	0,266	FALSE
-0,217	0,285	-0,010	0,014	0,322	FALSE

-0,161	0,286	-0,007	0,014	0,216	FALSE
-0,162	0,293	-0,004	0,010	0,175	FALSE
-0,163	0,278	-0,008	0,014	0,236	FALSE
-0,102	0,286	-0,004	0,014	0,121	FALSE
-0,114	0,280	-0,005	0,013	0,147	FALSE
-0,127	0,277	-0,006	0,014	0,164	FALSE
-0,122	0,270	-0,005	0,013	0,147	FALSE
0,039	0,270	-0,001	0,009	0,021	FALSE
0,042	0,289	0,002	0,010	0,067	FALSE
-0,041	0,285	-0,002	0,015	0,037	FALSE
0,118	0,282	0,006	0,014	0,166	FALSE
-0,160	0,277	-0,004	0,010	0,153	FALSE
-0,160	0,254	-0,004	0,009	0,178	FALSE
0,101	0,280	0,002	0,009	0,089	FALSE
0,192	0,281	0,006	0,011	0,236	FALSE
-0,053	0,295	-0,004	0,016	0,088	FALSE
0,018	0,273	0,001	0,014	0,023	FALSE
0,122	0,266	0,005	0,010	0,190	FALSE
0,101	0,265	0,002	0,010	0,071	FALSE
-0,124	0,300	-0,008	0,018	0,176	FALSE
-0,122	0,278	-0,005	0,012	0,154	FALSE
-0,051	0,291	-0,003	0,017	0,067	FALSE
-0,033	0,268	-0,003	0,015	0,064	FALSE
0,092	0,292	0,004	0,016	0,088	FALSE
0,055	0,280	0,001	0,015	0,027	FALSE
-0,142	0,303	-0,003	0,009	0,146	FALSE
-0,017	0,276	-0,001	0,011	0,038	FALSE
-0,022	0,276	-0,002	0,010	0,061	FALSE
-0,063	0,286	-0,003	0,011	0,103	FALSE
0,110	0,274	0,004	0,017	0,098	FALSE
0,050	0,284	0,002	0,017	0,051	FALSE
0,038	0,279	0,002	0,017	0,042	FALSE
0,024	0,285	0,002	0,013	0,052	FALSE
0,055	0,290	0,004	0,013	0,100	FALSE
-0,132	0,290	-0,003	0,009	0,119	FALSE
0,152	0,280	0,006	0,012	0,209	FALSE
-0,153	0,282	-0,010	0,016	0,279	FALSE
0,093	0,279	0,003	0,010	0,141	FALSE
0,005	0,289	0,001	0,018	0,012	FALSE
-0,115	0,269	-0,003	0,011	0,113	FALSE
0,110	0,272	0,006	0,013	0,190	FALSE
-0,006	0,289	-0,002	0,016	0,038	FALSE
-0,174	0,277	-0,008	0,011	0,321	FALSE
-0,039	0,289	-0,002	0,016	0,052	FALSE
0,020	0,289	0,001	0,009	0,052	FALSE
0,074	0,275	0,005	0,011	0,198	FALSE
0,071	0,278	0,005	0,009	0,221	FALSE
0,003	0,298	0,002	0,018	0,041	FALSE
0,053	0,288	0,002	0,014	0,050	FALSE
0,121	0,266	0,006	0,012	0,212	FALSE
0,017	0,283	0,001	0,015	0,024	FALSE
0,169	0,266	0,006	0,015	0,159	FALSE
-0,008	0,285	0,000	0,010	0,003	FALSE

0,168	0,276	0,009	0,017	0,221	FALSE
-0,152	0,296	-0,004	0,009	0,203	FALSE
-0,003	0,290	0,001	0,011	0,019	FALSE
0,010	0,290	0,002	0,012	0,051	FALSE
-0,015	0,287	0,000	0,014	0,010	FALSE
-0,054	0,273	-0,003	0,016	0,064	FALSE
0,156	0,282	0,008	0,013	0,242	FALSE
-0,276	0,264	-0,015	0,018	0,393	FALSE
-0,066	0,267	-0,004	0,013	0,125	FALSE
-0,080	0,281	-0,004	0,013	0,138	FALSE
-0,353	0,253	-0,018	0,016	0,612	FALSE
-0,326	0,260	-0,016	0,015	0,520	FALSE
-0,349	0,259	-0,018	0,015	0,601	FALSE
0,084	0,281	0,003	0,015	0,081	FALSE
0,060	0,265	0,004	0,017	0,098	FALSE
0,060	0,258	0,005	0,016	0,109	FALSE
-0,187	0,287	-0,005	0,011	0,215	FALSE
0,180	0,287	0,008	0,017	0,203	FALSE
-0,059	0,285	-0,003	0,014	0,076	FALSE
0,067	0,286	0,003	0,018	0,065	FALSE
0,133	0,278	0,003	0,011	0,091	FALSE
-0,140	0,289	-0,007	0,014	0,201	FALSE
-0,032	0,274	0,000	0,011	0,007	FALSE
-0,098	0,290	-0,008	0,018	0,188	FALSE
0,179	0,287	0,009	0,018	0,214	FALSE
-0,281	0,269	-0,015	0,015	0,487	FALSE
0,195	0,270	0,009	0,012	0,342	FALSE
-0,084	0,283	-0,005	0,017	0,120	FALSE
-0,125	0,290	-0,009	0,016	0,221	FALSE
0,178	0,264	0,005	0,009	0,236	FALSE
-0,054	0,283	-0,001	0,010	0,053	FALSE
0,095	0,276	0,002	0,011	0,067	FALSE
0,021	0,303	-0,001	0,012	0,016	FALSE
0,020	0,269	-0,001	0,009	0,041	FALSE
0,046	0,267	0,003	0,014	0,076	FALSE
0,154	0,279	0,008	0,017	0,206	FALSE
0,142	0,282	0,005	0,009	0,229	FALSE
-0,018	0,271	0,001	0,018	0,024	FALSE
0,040	0,288	0,000	0,018	0,003	FALSE
0,127	0,267	0,003	0,010	0,137	FALSE
-0,072	0,282	-0,001	0,011	0,041	FALSE
-0,190	0,257	-0,009	0,013	0,311	FALSE
-0,196	0,287	-0,005	0,009	0,219	FALSE
0,038	0,282	0,003	0,013	0,084	FALSE
0,033	0,283	0,001	0,015	0,029	FALSE
0,084	0,278	0,004	0,017	0,079	FALSE
-0,169	0,278	-0,010	0,017	0,246	FALSE
-0,231	0,277	-0,011	0,017	0,264	FALSE
-0,189	0,277	-0,010	0,015	0,286	FALSE
0,150	0,263	0,007	0,013	0,208	FALSE
0,013	0,284	0,002	0,016	0,044	FALSE
0,091	0,296	0,006	0,014	0,167	FALSE
0,071	0,283	0,005	0,013	0,137	FALSE

-0,122	0,271	-0,006	0,012	0,213	FALSE
-0,046	0,270	-0,003	0,011	0,090	FALSE
0,290	0,265	0,008	0,010	0,397	FALSE
0,044	0,295	0,000	0,016	0,009	FALSE
-0,132	0,280	-0,004	0,017	0,094	FALSE
-0,106	0,277	-0,007	0,016	0,186	FALSE
0,060	0,278	0,003	0,010	0,109	FALSE
0,076	0,287	0,003	0,011	0,115	FALSE
0,041	0,286	0,003	0,015	0,066	FALSE
-0,025	0,277	-0,001	0,012	0,033	FALSE
0,189	0,264	0,005	0,009	0,244	FALSE
0,167	0,276	0,005	0,009	0,249	FALSE
-0,109	0,288	-0,005	0,015	0,124	FALSE
-0,080	0,290	-0,002	0,011	0,082	FALSE
0,095	0,283	0,002	0,011	0,079	FALSE
0,045	0,291	0,003	0,014	0,077	FALSE
0,007	0,284	0,001	0,013	0,024	FALSE
0,035	0,280	0,000	0,011	0,005	FALSE
0,033	0,296	-0,001	0,017	0,019	FALSE
-0,019	0,286	-0,003	0,016	0,075	FALSE
-0,029	0,288	-0,002	0,014	0,051	FALSE
-0,026	0,278	-0,002	0,013	0,044	FALSE
0,000	0,290	0,000	0,017	0,003	FALSE
0,002	0,285	0,000	0,011	0,008	FALSE
0,097	0,288	0,005	0,017	0,104	FALSE
-0,118	0,284	-0,004	0,009	0,186	FALSE
0,009	0,294	0,003	0,017	0,068	FALSE
-0,019	0,278	-0,003	0,015	0,067	FALSE
0,006	0,289	-0,003	0,017	0,064	FALSE
0,261	0,273	0,008	0,010	0,398	FALSE
-0,030	0,285	-0,001	0,015	0,033	FALSE
-0,113	0,292	-0,006	0,018	0,138	TRUE
0,182	0,274	0,007	0,010	0,309	FALSE
-0,009	0,288	0,002	0,010	0,097	FALSE
-0,026	0,288	-0,001	0,011	0,036	FALSE
0,062	0,285	0,002	0,016	0,050	FALSE
0,042	0,296	0,002	0,011	0,077	FALSE
0,111	0,294	0,003	0,010	0,136	FALSE
-0,059	0,262	-0,002	0,014	0,053	FALSE
-0,031	0,270	0,000	0,017	0,008	FALSE
0,066	0,290	0,004	0,014	0,117	FALSE
0,053	0,296	0,003	0,014	0,084	FALSE
0,289	0,249	0,010	0,011	0,401	FALSE
0,005	0,299	0,003	0,015	0,062	FALSE
-0,085	0,278	-0,005	0,016	0,123	FALSE
-0,033	0,282	-0,002	0,010	0,069	FALSE
-0,031	0,296	-0,001	0,010	0,038	FALSE
0,012	0,284	-0,001	0,010	0,030	FALSE
0,107	0,266	0,004	0,009	0,153	FALSE
0,119	0,283	0,009	0,016	0,246	FALSE
-0,170	0,276	-0,004	0,009	0,200	FALSE
-0,106	0,281	-0,006	0,017	0,145	FALSE
0,187	0,272	0,008	0,011	0,319	FALSE

-0,026	0,290	0,000	0,010	0,015	FALSE
-0,038	0,289	-0,001	0,010	0,032	FALSE
0,126	0,278	0,005	0,013	0,161	FALSE
0,026	0,276	0,003	0,018	0,053	FALSE
0,000	0,287	0,001	0,010	0,026	FALSE
0,047	0,269	0,001	0,015	0,014	FALSE
-0,074	0,277	-0,001	0,012	0,037	FALSE
-0,010	0,302	0,000	0,015	0,008	FALSE
-0,137	0,279	-0,003	0,010	0,092	FALSE
-0,185	0,292	-0,005	0,010	0,213	FALSE
-0,112	0,287	-0,007	0,014	0,206	FALSE
-0,067	0,281	-0,004	0,013	0,116	FALSE
-0,095	0,293	-0,002	0,009	0,089	FALSE
0,027	0,293	0,000	0,009	0,012	FALSE
0,137	0,278	0,003	0,009	0,134	FALSE
-0,032	0,270	-0,001	0,009	0,050	FALSE
0,042	0,268	0,001	0,009	0,052	FALSE
-0,002	0,279	-0,001	0,010	0,043	FALSE
-0,040	0,278	-0,001	0,009	0,041	FALSE
0,067	0,294	0,001	0,014	0,027	FALSE
-0,107	0,294	-0,005	0,017	0,117	FALSE
-0,024	0,295	0,001	0,015	0,021	FALSE
0,092	0,283	0,004	0,013	0,121	FALSE
0,005	0,298	0,002	0,016	0,053	FALSE
-0,021	0,286	0,001	0,013	0,037	FALSE
0,095	0,289	0,005	0,016	0,116	FALSE
0,039	0,293	0,001	0,011	0,038	FALSE
0,092	0,288	0,006	0,016	0,159	FALSE
0,122	0,274	0,003	0,009	0,130	FALSE
0,114	0,276	0,003	0,009	0,131	FALSE
-0,132	0,278	-0,007	0,015	0,185	FALSE
-0,001	0,283	0,000	0,011	0,012	FALSE
-0,049	0,288	-0,002	0,013	0,049	FALSE
-0,049	0,279	-0,002	0,016	0,044	FALSE
0,070	0,288	0,005	0,018	0,105	FALSE
-0,159	0,288	-0,006	0,012	0,204	FALSE
-0,094	0,277	-0,004	0,012	0,125	FALSE
-0,215	0,275	-0,007	0,011	0,287	FALSE
0,127	0,289	0,004	0,011	0,157	FALSE
0,111	0,280	0,005	0,014	0,147	FALSE
0,007	0,295	0,001	0,012	0,034	FALSE
-0,159	0,293	-0,006	0,013	0,202	FALSE
-0,051	0,279	-0,001	0,010	0,039	FALSE
-0,115	0,276	-0,004	0,010	0,168	FALSE
0,034	0,289	0,003	0,018	0,069	FALSE
0,054	0,285	0,004	0,017	0,083	FALSE
-0,132	0,278	-0,006	0,016	0,159	FALSE
-0,120	0,298	-0,005	0,016	0,135	FALSE
0,107	0,286	0,005	0,015	0,131	FALSE
-0,042	0,284	-0,001	0,011	0,036	FALSE
0,106	0,269	0,007	0,016	0,184	FALSE
-0,094	0,306	-0,005	0,012	0,157	FALSE
0,058	0,285	0,001	0,011	0,048	FALSE

-0,038	0,287	-0,004	0,014	0,094	FALSE
0,113	0,278	0,004	0,010	0,166	FALSE
-0,095	0,293	-0,002	0,009	0,105	FALSE
0,017	0,284	0,000	0,015	0,006	FALSE
0,066	0,287	0,002	0,016	0,040	FALSE
0,087	0,286	0,004	0,017	0,078	FALSE
-0,075	0,291	-0,002	0,009	0,078	FALSE
-0,109	0,289	-0,004	0,010	0,159	FALSE
0,165	0,279	0,006	0,013	0,206	FALSE
-0,032	0,283	-0,005	0,017	0,100	FALSE
0,116	0,285	0,004	0,010	0,143	FALSE
-0,162	0,292	-0,009	0,018	0,208	FALSE
0,220	0,280	0,013	0,016	0,379	FALSE
-0,005	0,296	0,000	0,011	0,014	FALSE
0,038	0,270	0,003	0,018	0,070	FALSE
0,022	0,295	0,000	0,013	0,012	FALSE
-0,040	0,290	-0,001	0,009	0,034	FALSE
0,031	0,284	0,001	0,009	0,054	FALSE
0,076	0,269	0,003	0,014	0,092	FALSE
-0,051	0,270	-0,003	0,013	0,078	FALSE
-0,014	0,283	-0,001	0,012	0,015	FALSE
-0,004	0,284	0,002	0,017	0,034	FALSE
-0,080	0,295	-0,002	0,013	0,052	FALSE
-0,035	0,276	-0,003	0,016	0,080	FALSE
0,035	0,275	0,000	0,014	0,008	FALSE
-0,069	0,290	-0,001	0,009	0,048	FALSE
0,083	0,298	0,005	0,017	0,124	FALSE
0,102	0,269	0,004	0,014	0,130	FALSE
0,028	0,290	0,002	0,014	0,051	FALSE
0,066	0,275	0,002	0,008	0,094	FALSE
0,171	0,269	0,005	0,009	0,232	FALSE
0,019	0,269	0,000	0,016	0,004	FALSE
0,121	0,266	0,004	0,013	0,110	FALSE
-0,079	0,285	-0,004	0,015	0,113	FALSE
-0,114	0,284	-0,002	0,009	0,074	FALSE
-0,107	0,288	-0,003	0,012	0,110	FALSE
-0,056	0,276	-0,002	0,010	0,080	FALSE
0,104	0,294	0,007	0,015	0,202	FALSE
0,086	0,281	0,002	0,015	0,035	FALSE
0,018	0,281	0,001	0,014	0,018	FALSE
0,013	0,282	0,002	0,009	0,101	FALSE
-0,025	0,293	0,004	0,015	0,093	FALSE
0,232	0,264	0,006	0,011	0,237	FALSE
0,095	0,274	0,002	0,016	0,033	FALSE
-0,040	0,287	-0,002	0,012	0,045	FALSE
0,069	0,284	0,000	0,017	0,009	FALSE
-0,057	0,282	-0,001	0,014	0,017	FALSE
-0,011	0,289	0,000	0,012	0,002	FALSE
-0,039	0,288	-0,003	0,018	0,054	FALSE
0,074	0,284	0,001	0,010	0,046	FALSE
0,068	0,279	0,002	0,016	0,053	FALSE
-0,062	0,284	-0,002	0,010	0,061	FALSE
-0,072	0,278	-0,003	0,010	0,103	FALSE

-0,087	0,283	-0,004	0,010	0,144	FALSE
0,277	0,261	0,015	0,016	0,455	FALSE
-0,095	0,271	-0,003	0,009	0,137	FALSE
0,017	0,295	0,001	0,012	0,040	FALSE
-0,020	0,292	-0,002	0,018	0,037	FALSE
0,138	0,269	0,004	0,011	0,151	FALSE
-0,132	0,297	-0,004	0,011	0,157	FALSE
0,019	0,300	0,001	0,017	0,029	FALSE
-0,136	0,289	-0,004	0,009	0,199	FALSE
0,082	0,297	0,003	0,010	0,125	FALSE
-0,105	0,278	-0,003	0,009	0,144	FALSE
0,110	0,279	0,005	0,017	0,101	FALSE
-0,058	0,282	-0,003	0,011	0,099	FALSE
-0,095	0,283	-0,003	0,012	0,095	FALSE
0,007	0,276	-0,001	0,009	0,022	FALSE
-0,080	0,262	-0,003	0,009	0,116	FALSE
-0,111	0,287	-0,004	0,016	0,098	FALSE
0,074	0,291	0,003	0,015	0,063	FALSE
-0,135	0,287	-0,007	0,017	0,160	FALSE
-0,014	0,289	-0,001	0,017	0,030	FALSE
-0,070	0,275	-0,002	0,014	0,043	FALSE
0,067	0,265	0,003	0,016	0,071	FALSE
-0,124	0,281	-0,006	0,016	0,142	FALSE
-0,147	0,301	-0,008	0,015	0,240	FALSE
0,003	0,285	0,001	0,011	0,029	FALSE
-0,007	0,283	-0,002	0,011	0,058	FALSE
-0,132	0,293	-0,004	0,009	0,188	FALSE
0,146	0,277	0,006	0,017	0,140	FALSE
0,122	0,279	0,004	0,017	0,098	FALSE
-0,011	0,279	0,000	0,016	0,010	FALSE
-0,085	0,296	-0,002	0,011	0,068	FALSE
0,016	0,280	0,000	0,010	0,010	FALSE
-0,118	0,272	-0,004	0,011	0,144	FALSE
0,175	0,279	0,005	0,012	0,191	FALSE
-0,031	0,292	-0,003	0,014	0,073	FALSE
-0,013	0,281	0,001	0,009	0,047	FALSE
0,017	0,294	0,002	0,009	0,086	FALSE
-0,005	0,282	0,001	0,016	0,016	FALSE
-0,011	0,281	-0,002	0,017	0,037	FALSE
-0,129	0,284	-0,006	0,014	0,165	FALSE
0,084	0,277	0,002	0,009	0,093	FALSE
-0,260	0,276	-0,010	0,012	0,416	FALSE
0,236	0,262	0,014	0,016	0,416	FALSE
-0,073	0,293	-0,005	0,017	0,112	FALSE
0,142	0,281	0,005	0,012	0,190	FALSE
-0,048	0,287	-0,001	0,016	0,023	FALSE
-0,101	0,277	-0,002	0,010	0,069	FALSE
-0,044	0,260	-0,003	0,016	0,060	FALSE
0,034	0,267	0,002	0,015	0,062	FALSE
-0,066	0,268	-0,004	0,018	0,074	FALSE
-0,004	0,281	0,000	0,010	0,012	FALSE
-0,035	0,283	0,000	0,010	0,005	FALSE
-0,216	0,296	-0,009	0,014	0,310	FALSE

-0,078	0,276	-0,005	0,017	0,117	FALSE
-0,007	0,283	-0,001	0,015	0,026	FALSE
-0,061	0,276	-0,003	0,015	0,081	FALSE
-0,084	0,261	-0,006	0,011	0,226	FALSE
-0,197	0,291	-0,006	0,010	0,260	FALSE
0,023	0,280	0,001	0,015	0,014	FALSE
-0,143	0,283	-0,003	0,009	0,156	FALSE
-0,303	0,260	-0,016	0,017	0,465	FALSE
0,160	0,272	0,008	0,014	0,224	FALSE
-0,068	0,291	-0,002	0,013	0,055	FALSE
0,149	0,283	0,004	0,011	0,145	FALSE
-0,153	0,278	-0,004	0,012	0,122	FALSE
-0,149	0,281	-0,003	0,009	0,122	FALSE
0,008	0,285	-0,003	0,016	0,077	FALSE
-0,050	0,289	0,000	0,010	0,015	FALSE
-0,120	0,280	-0,002	0,009	0,099	FALSE
-0,091	0,282	-0,005	0,013	0,154	FALSE
-0,028	0,286	-0,001	0,013	0,026	FALSE
0,151	0,278	0,005	0,010	0,229	FALSE
0,162	0,280	0,009	0,016	0,266	FALSE
0,000	0,286	0,000	0,012	0,011	FALSE
0,064	0,278	0,004	0,011	0,135	FALSE
0,105	0,292	0,006	0,016	0,152	FALSE
0,029	0,304	0,002	0,010	0,096	FALSE
-0,049	0,288	-0,003	0,018	0,054	FALSE
-0,014	0,292	-0,001	0,015	0,022	FALSE
-0,138	0,288	-0,005	0,011	0,196	FALSE
-0,047	0,279	-0,001	0,010	0,034	FALSE
0,114	0,263	0,009	0,017	0,231	FALSE
-0,033	0,286	-0,001	0,016	0,024	FALSE
-0,198	0,272	-0,006	0,010	0,285	FALSE
0,023	0,278	0,001	0,018	0,023	FALSE
-0,085	0,279	-0,004	0,012	0,119	FALSE
0,133	0,286	0,008	0,016	0,189	FALSE
-0,117	0,285	-0,006	0,013	0,182	FALSE
-0,095	0,297	-0,007	0,017	0,166	FALSE
0,082	0,282	0,003	0,013	0,074	FALSE
0,017	0,275	-0,001	0,016	0,016	FALSE
-0,072	0,280	-0,003	0,015	0,077	FALSE
-0,051	0,277	-0,002	0,015	0,042	FALSE
0,054	0,289	0,001	0,010	0,039	FALSE
0,159	0,271	0,005	0,010	0,239	FALSE
-0,038	0,279	0,000	0,012	0,011	FALSE
-0,101	0,288	-0,002	0,016	0,041	FALSE
0,144	0,276	0,006	0,018	0,136	FALSE
0,017	0,274	0,001	0,015	0,024	FALSE
0,057	0,271	0,002	0,010	0,078	FALSE
-0,047	0,270	-0,002	0,011	0,059	FALSE
-0,120	0,283	-0,004	0,010	0,143	FALSE
-0,083	0,287	-0,002	0,012	0,072	FALSE
0,123	0,282	0,006	0,016	0,140	FALSE
0,002	0,292	0,001	0,011	0,028	FALSE
0,018	0,275	-0,001	0,017	0,032	FALSE

-0,022	0,278	-0,002	0,013	0,046	FALSE
0,134	0,269	0,005	0,018	0,097	FALSE
-0,044	0,277	-0,003	0,010	0,113	FALSE
0,029	0,289	0,002	0,015	0,052	FALSE
0,011	0,289	0,000	0,010	0,012	FALSE
-0,022	0,296	-0,001	0,011	0,019	FALSE
-0,164	0,284	-0,005	0,010	0,218	FALSE
-0,034	0,300	0,000	0,017	0,000	FALSE
0,129	0,282	0,006	0,017	0,145	FALSE
-0,113	0,279	-0,004	0,013	0,103	FALSE
0,092	0,274	0,003	0,016	0,066	FALSE
0,105	0,266	0,003	0,015	0,082	FALSE
-0,205	0,287	-0,005	0,009	0,250	FALSE
-0,210	0,257	-0,011	0,016	0,286	FALSE
0,023	0,302	0,000	0,010	0,001	FALSE
0,066	0,274	0,000	0,009	0,010	FALSE
-0,039	0,274	-0,001	0,009	0,032	FALSE
0,105	0,288	0,004	0,011	0,172	FALSE
-0,189	0,278	-0,006	0,011	0,251	FALSE
0,099	0,279	0,005	0,015	0,142	FALSE
-0,079	0,288	-0,003	0,012	0,079	FALSE
-0,008	0,283	-0,002	0,015	0,058	FALSE
0,043	0,287	0,002	0,009	0,080	FALSE
0,090	0,275	0,001	0,009	0,022	FALSE
-0,005	0,287	0,000	0,010	0,012	FALSE
-0,078	0,268	-0,003	0,009	0,131	FALSE
-0,108	0,291	-0,006	0,013	0,210	FALSE
0,116	0,285	0,004	0,011	0,158	FALSE
-0,124	0,295	-0,003	0,010	0,123	FALSE
-0,185	0,288	-0,008	0,014	0,244	FALSE
-0,191	0,274	-0,008	0,015	0,237	FALSE
-0,097	0,289	-0,005	0,015	0,141	FALSE
0,084	0,286	0,005	0,011	0,175	FALSE
0,022	0,286	0,000	0,016	0,005	FALSE
0,100	0,287	0,004	0,013	0,122	FALSE
0,068	0,292	0,004	0,016	0,086	FALSE
-0,119	0,296	-0,004	0,013	0,120	FALSE
-0,131	0,283	-0,004	0,013	0,135	FALSE
0,118	0,280	0,005	0,018	0,101	FALSE
0,164	0,267	0,007	0,014	0,213	FALSE
-0,096	0,285	-0,002	0,011	0,084	FALSE
0,108	0,289	0,006	0,017	0,148	FALSE
-0,068	0,280	-0,001	0,010	0,049	FALSE
-0,135	0,278	-0,006	0,017	0,143	FALSE
0,045	0,295	0,003	0,012	0,079	FALSE
-0,072	0,289	-0,001	0,016	0,023	FALSE
0,193	0,290	0,006	0,010	0,281	FALSE
-0,128	0,307	-0,003	0,010	0,112	FALSE
0,050	0,273	0,003	0,011	0,102	FALSE
-0,124	0,283	-0,006	0,017	0,140	FALSE
0,035	0,284	0,002	0,010	0,089	FALSE
-0,023	0,292	-0,001	0,010	0,049	FALSE
-0,022	0,271	0,001	0,015	0,025	FALSE

0,091	0,279	0,002	0,010	0,066	FALSE
-0,065	0,287	-0,002	0,010	0,072	FALSE
0,006	0,294	0,001	0,009	0,037	FALSE
-0,058	0,282	-0,001	0,017	0,014	FALSE
0,038	0,289	0,002	0,015	0,048	FALSE
0,167	0,255	0,006	0,015	0,166	FALSE
0,188	0,247	0,007	0,015	0,190	FALSE
-0,062	0,289	0,001	0,012	0,023	FALSE
-0,143	0,297	-0,006	0,011	0,224	FALSE
-0,013	0,296	0,002	0,017	0,032	FALSE
-0,172	0,291	-0,005	0,011	0,181	FALSE
0,023	0,290	0,002	0,016	0,035	FALSE
0,016	0,281	0,002	0,009	0,063	FALSE
-0,004	0,295	0,000	0,017	0,010	FALSE
-0,089	0,293	-0,005	0,016	0,113	FALSE
0,385	0,257	0,018	0,015	0,634	FALSE
-0,188	0,279	-0,010	0,016	0,261	FALSE
-0,144	0,281	-0,004	0,010	0,151	FALSE
0,098	0,262	0,009	0,015	0,240	FALSE
-0,093	0,280	-0,003	0,010	0,114	FALSE
-0,113	0,273	-0,004	0,014	0,107	FALSE
0,021	0,295	0,000	0,018	0,008	FALSE
0,028	0,281	0,000	0,017	0,006	FALSE
0,119	0,275	0,004	0,016	0,100	FALSE
0,090	0,282	0,004	0,017	0,084	FALSE
0,001	0,285	0,000	0,013	0,012	FALSE
-0,042	0,282	-0,002	0,011	0,062	FALSE
-0,178	0,268	-0,008	0,014	0,256	FALSE
0,139	0,260	0,004	0,008	0,201	FALSE
0,140	0,273	0,004	0,013	0,129	FALSE
0,043	0,276	0,000	0,014	0,010	FALSE
0,015	0,269	0,000	0,010	0,009	FALSE
-0,075	0,279	-0,002	0,013	0,054	FALSE
-0,138	0,288	-0,007	0,012	0,230	FALSE
-0,009	0,288	0,001	0,009	0,044	FALSE
0,171	0,284	0,010	0,015	0,317	FALSE
0,052	0,286	0,004	0,015	0,106	FALSE
0,009	0,286	0,000	0,009	0,011	FALSE
0,017	0,293	0,002	0,010	0,085	FALSE
0,035	0,286	0,002	0,015	0,050	FALSE
-0,048	0,281	-0,001	0,014	0,033	FALSE
-0,111	0,284	-0,004	0,011	0,158	FALSE
-0,109	0,283	-0,004	0,011	0,147	FALSE
-0,105	0,295	-0,004	0,011	0,150	FALSE
-0,111	0,293	-0,006	0,016	0,143	FALSE
-0,101	0,290	-0,003	0,014	0,085	FALSE
-0,099	0,276	-0,003	0,013	0,094	FALSE
-0,150	0,267	-0,006	0,016	0,158	FALSE
-0,116	0,269	-0,003	0,013	0,098	FALSE
-0,070	0,299	-0,004	0,013	0,107	FALSE
-0,069	0,284	-0,004	0,014	0,115	FALSE
-0,158	0,302	-0,003	0,010	0,104	FALSE
-0,074	0,283	-0,003	0,016	0,067	FALSE

-0,006	0,290	-0,004	0,017	0,080	FALSE
-0,041	0,278	-0,002	0,016	0,037	FALSE
-0,184	0,274	-0,011	0,017	0,283	FALSE
0,073	0,289	0,004	0,015	0,090	FALSE
0,254	0,255	0,009	0,011	0,391	FALSE
-0,197	0,279	-0,010	0,016	0,276	FALSE
0,133	0,263	0,004	0,009	0,176	FALSE
-0,095	0,304	-0,003	0,011	0,104	FALSE
0,319	0,266	0,011	0,012	0,483	FALSE
0,096	0,286	0,004	0,017	0,093	FALSE
0,023	0,274	0,001	0,015	0,025	FALSE
0,009	0,289	0,000	0,010	0,009	FALSE
0,166	0,292	0,007	0,016	0,183	FALSE
-0,001	0,293	-0,001	0,009	0,047	FALSE
0,092	0,280	0,003	0,016	0,070	FALSE
0,095	0,279	0,005	0,014	0,138	FALSE
0,027	0,275	0,002	0,010	0,081	FALSE
0,083	0,273	0,002	0,010	0,094	FALSE
-0,025	0,271	-0,002	0,013	0,071	FALSE
-0,027	0,272	-0,003	0,015	0,087	FALSE
-0,001	0,292	0,000	0,011	0,011	FALSE
-0,027	0,298	-0,001	0,011	0,030	FALSE
0,042	0,283	0,001	0,011	0,043	FALSE
0,036	0,281	0,000	0,009	0,010	FALSE
-0,003	0,284	0,001	0,009	0,031	FALSE
0,104	0,277	0,003	0,013	0,103	FALSE
-0,048	0,286	-0,001	0,010	0,052	FALSE
-0,061	0,291	-0,002	0,010	0,058	FALSE
-0,081	0,269	-0,002	0,009	0,081	FALSE
0,056	0,280	0,002	0,009	0,066	FALSE
-0,004	0,288	0,001	0,012	0,029	FALSE
-0,015	0,277	0,000	0,012	0,013	FALSE
-0,014	0,293	-0,003	0,014	0,075	FALSE
-0,032	0,296	-0,001	0,018	0,020	FALSE
-0,033	0,293	-0,002	0,018	0,050	FALSE
0,152	0,276	0,005	0,012	0,179	FALSE
0,115	0,290	0,005	0,016	0,118	FALSE
0,026	0,287	0,001	0,014	0,026	FALSE
-0,055	0,296	0,000	0,008	0,014	FALSE
-0,142	0,284	-0,006	0,015	0,155	FALSE
-0,173	0,272	-0,007	0,017	0,171	FALSE
0,219	0,274	0,010	0,017	0,262	FALSE
0,113	0,283	0,003	0,012	0,108	FALSE
0,058	0,268	0,003	0,015	0,072	FALSE
0,115	0,289	0,006	0,015	0,155	FALSE
-0,140	0,286	-0,007	0,015	0,204	FALSE
-0,009	0,279	-0,001	0,015	0,033	FALSE
0,069	0,285	0,003	0,015	0,080	FALSE
0,051	0,274	0,003	0,010	0,111	FALSE
0,040	0,285	0,002	0,013	0,047	FALSE
-0,087	0,286	-0,002	0,009	0,070	FALSE
0,017	0,278	0,000	0,010	0,006	FALSE
0,064	0,296	0,006	0,018	0,138	FALSE

-0,098	0,282	-0,005	0,017	0,107	FALSE
0,118	0,288	0,003	0,014	0,077	FALSE
0,124	0,280	0,002	0,013	0,068	FALSE
0,001	0,290	0,000	0,009	0,008	FALSE
0,055	0,292	0,002	0,009	0,078	FALSE
0,037	0,287	0,002	0,009	0,072	FALSE
-0,021	0,280	0,000	0,012	0,005	FALSE
0,192	0,285	0,006	0,011	0,250	FALSE
-0,189	0,288	-0,008	0,014	0,236	FALSE
-0,193	0,282	-0,009	0,014	0,261	FALSE
0,086	0,273	0,003	0,015	0,084	FALSE
0,163	0,280	0,007	0,017	0,173	FALSE
-0,080	0,291	-0,003	0,010	0,119	FALSE
0,268	0,269	0,009	0,012	0,324	FALSE
0,099	0,296	0,005	0,016	0,132	FALSE
-0,019	0,285	0,000	0,009	0,003	FALSE
-0,020	0,277	-0,002	0,011	0,078	FALSE
-0,009	0,285	-0,003	0,016	0,073	FALSE
-0,064	0,284	-0,003	0,011	0,091	FALSE
-0,022	0,282	-0,001	0,010	0,020	FALSE
0,047	0,271	0,001	0,011	0,020	FALSE
0,079	0,274	0,007	0,016	0,171	FALSE
0,013	0,286	0,001	0,017	0,029	FALSE
0,039	0,282	0,003	0,016	0,063	FALSE
0,024	0,273	0,002	0,016	0,046	FALSE
-0,109	0,292	-0,004	0,011	0,143	FALSE
0,019	0,280	0,002	0,017	0,042	FALSE
-0,046	0,282	-0,002	0,012	0,064	FALSE
-0,052	0,288	-0,004	0,017	0,093	FALSE
0,104	0,278	0,004	0,012	0,135	FALSE
0,017	0,285	-0,001	0,011	0,024	FALSE
0,145	0,279	0,003	0,010	0,110	FALSE
-0,063	0,284	-0,002	0,012	0,064	FALSE
-0,044	0,272	-0,002	0,017	0,033	FALSE
-0,029	0,281	-0,001	0,017	0,011	FALSE
0,076	0,296	0,002	0,012	0,077	FALSE
0,112	0,291	0,006	0,015	0,160	FALSE
-0,068	0,278	-0,003	0,017	0,071	FALSE
0,103	0,288	0,004	0,010	0,152	FALSE
-0,166	0,274	-0,012	0,016	0,339	FALSE
0,091	0,274	0,007	0,014	0,196	FALSE
-0,034	0,289	-0,004	0,018	0,090	FALSE
0,031	0,277	-0,001	0,017	0,016	FALSE
-0,031	0,290	-0,004	0,017	0,080	FALSE
0,053	0,280	0,002	0,009	0,110	FALSE
-0,010	0,300	0,001	0,016	0,011	FALSE
-0,096	0,290	-0,003	0,009	0,115	FALSE
0,109	0,285	0,003	0,010	0,132	FALSE
-0,069	0,283	-0,003	0,017	0,057	FALSE
-0,107	0,274	-0,005	0,012	0,161	FALSE
-0,028	0,279	-0,001	0,014	0,023	FALSE
-0,052	0,282	-0,001	0,011	0,040	FALSE
-0,098	0,280	-0,002	0,014	0,044	FALSE

-0,119	0,260	-0,003	0,014	0,097	FALSE
-0,043	0,279	0,000	0,009	0,018	FALSE
-0,189	0,266	-0,010	0,014	0,320	FALSE
-0,161	0,276	-0,009	0,015	0,246	FALSE
0,105	0,286	0,005	0,013	0,166	FALSE
0,044	0,289	0,001	0,012	0,040	FALSE
0,122	0,272	0,005	0,015	0,135	FALSE
0,108	0,288	0,004	0,013	0,116	FALSE
-0,105	0,270	-0,004	0,012	0,134	FALSE
-0,045	0,295	-0,003	0,011	0,083	FALSE
-0,047	0,283	-0,002	0,011	0,081	FALSE
0,081	0,284	0,004	0,018	0,091	FALSE
-0,022	0,285	-0,002	0,011	0,053	FALSE
0,050	0,273	0,003	0,016	0,068	FALSE
-0,082	0,284	-0,003	0,017	0,075	FALSE
0,196	0,281	0,006	0,011	0,237	FALSE
-0,045	0,290	-0,004	0,017	0,088	FALSE
-0,090	0,272	-0,006	0,016	0,163	FALSE
0,078	0,286	0,003	0,010	0,099	FALSE
0,036	0,278	0,001	0,015	0,021	FALSE
0,007	0,279	0,000	0,016	0,008	FALSE
0,035	0,281	0,003	0,016	0,062	FALSE
0,232	0,278	0,011	0,014	0,376	FALSE
-0,048	0,296	-0,002	0,017	0,040	FALSE
-0,126	0,293	-0,004	0,009	0,160	FALSE
-0,080	0,260	-0,003	0,014	0,084	FALSE
0,064	0,289	0,004	0,016	0,096	FALSE
0,111	0,275	0,005	0,011	0,173	FALSE
-0,035	0,301	-0,002	0,014	0,040	FALSE
-0,018	0,305	-0,001	0,014	0,017	FALSE
-0,118	0,288	-0,003	0,013	0,095	FALSE
0,060	0,289	0,001	0,017	0,031	FALSE
0,023	0,285	-0,001	0,017	0,017	FALSE
-0,080	0,271	-0,005	0,017	0,103	FALSE
-0,115	0,292	-0,004	0,014	0,101	FALSE
-0,036	0,279	-0,001	0,015	0,012	FALSE
-0,033	0,284	0,000	0,015	0,003	FALSE
-0,063	0,276	-0,002	0,014	0,056	FALSE
-0,048	0,283	-0,002	0,013	0,056	FALSE
-0,233	0,276	-0,007	0,010	0,349	FALSE
0,151	0,282	0,008	0,017	0,191	FALSE
0,113	0,288	0,005	0,017	0,123	FALSE
-0,094	0,289	-0,004	0,017	0,102	FALSE
0,107	0,292	0,003	0,010	0,110	FALSE
-0,022	0,278	0,000	0,010	0,002	FALSE
-0,085	0,286	-0,002	0,013	0,045	FALSE
0,071	0,279	0,003	0,017	0,070	FALSE
-0,126	0,279	-0,006	0,010	0,235	FALSE
0,075	0,290	0,004	0,009	0,165	FALSE
-0,108	0,283	-0,004	0,011	0,164	FALSE
0,089	0,288	0,003	0,010	0,128	FALSE
0,043	0,285	0,001	0,010	0,049	FALSE
-0,017	0,291	-0,001	0,010	0,019	FALSE

0,018	0,274	-0,001	0,009	0,024	FALSE
-0,033	0,282	0,001	0,015	0,027	FALSE
-0,150	0,277	-0,004	0,008	0,226	FALSE
0,014	0,301	0,000	0,014	0,011	FALSE
-0,144	0,271	-0,006	0,011	0,229	FALSE
0,008	0,288	0,002	0,015	0,051	FALSE
-0,054	0,296	0,000	0,009	0,008	FALSE
-0,103	0,271	-0,004	0,010	0,155	FALSE
0,083	0,282	0,002	0,012	0,073	FALSE
-0,048	0,276	-0,002	0,010	0,091	FALSE
-0,049	0,299	-0,001	0,009	0,026	FALSE
-0,020	0,275	0,001	0,015	0,012	FALSE
0,014	0,291	0,002	0,015	0,060	FALSE
-0,161	0,269	-0,004	0,010	0,182	FALSE
0,188	0,268	0,006	0,009	0,282	FALSE
0,012	0,274	0,000	0,016	0,008	FALSE
0,132	0,284	0,005	0,009	0,210	FALSE
0,009	0,285	0,000	0,017	0,006	FALSE
0,147	0,265	0,006	0,016	0,137	FALSE
0,134	0,263	0,005	0,016	0,115	FALSE
0,008	0,297	0,001	0,016	0,018	FALSE
0,044	0,291	0,003	0,016	0,061	FALSE
0,018	0,288	0,001	0,016	0,017	FALSE
0,158	0,265	0,005	0,010	0,225	FALSE
-0,025	0,278	-0,001	0,017	0,025	FALSE
-0,073	0,289	-0,002	0,012	0,066	FALSE
-0,078	0,289	-0,002	0,011	0,068	FALSE
-0,050	0,264	-0,004	0,014	0,103	FALSE
-0,067	0,255	-0,004	0,013	0,142	FALSE
-0,039	0,270	-0,003	0,013	0,075	FALSE
-0,011	0,278	-0,001	0,015	0,026	FALSE
0,138	0,271	0,005	0,015	0,128	FALSE
-0,014	0,286	-0,001	0,011	0,031	FALSE
-0,053	0,294	-0,003	0,018	0,062	FALSE
-0,009	0,292	0,000	0,010	0,001	FALSE
-0,154	0,288	-0,009	0,017	0,218	FALSE
-0,151	0,280	-0,008	0,016	0,204	FALSE
0,007	0,256	-0,002	0,016	0,056	FALSE
0,205	0,276	0,009	0,012	0,309	FALSE
0,090	0,284	0,005	0,017	0,115	FALSE
0,005	0,282	0,001	0,014	0,037	FALSE
0,094	0,291	0,003	0,011	0,095	FALSE
-0,079	0,283	-0,003	0,012	0,108	FALSE
0,024	0,283	0,001	0,010	0,039	FALSE
0,183	0,278	0,006	0,011	0,262	FALSE
-0,034	0,283	-0,003	0,009	0,116	FALSE
0,088	0,257	0,002	0,010	0,071	FALSE
-0,147	0,272	-0,007	0,016	0,184	FALSE
-0,192	0,276	-0,006	0,011	0,244	FALSE
-0,168	0,287	-0,004	0,009	0,167	FALSE
-0,131	0,291	-0,005	0,011	0,181	FALSE
0,064	0,281	0,002	0,010	0,065	FALSE
0,082	0,291	0,004	0,011	0,133	FALSE

-0,034	0,277	-0,002	0,012	0,073	FALSE
-0,010	0,290	0,000	0,009	0,005	FALSE
-0,250	0,272	-0,015	0,017	0,401	FALSE
-0,088	0,290	-0,003	0,009	0,108	FALSE
0,118	0,284	0,003	0,012	0,099	FALSE
0,068	0,278	0,003	0,009	0,119	FALSE
0,058	0,273	0,002	0,009	0,087	FALSE
-0,137	0,275	-0,005	0,013	0,174	FALSE
0,232	0,275	0,008	0,010	0,338	FALSE
0,087	0,291	0,002	0,013	0,066	FALSE
0,030	0,290	0,001	0,016	0,016	FALSE
-0,085	0,274	-0,004	0,015	0,105	FALSE
-0,023	0,297	0,000	0,013	0,002	FALSE
0,096	0,276	0,003	0,009	0,160	FALSE
0,156	0,280	0,005	0,014	0,129	FALSE
0,063	0,291	0,001	0,015	0,014	FALSE
-0,072	0,286	-0,002	0,013	0,070	FALSE
-0,111	0,274	-0,003	0,012	0,096	FALSE
-0,076	0,274	-0,005	0,014	0,137	FALSE
0,075	0,297	0,004	0,013	0,110	FALSE
-0,144	0,283	-0,007	0,018	0,162	FALSE
-0,150	0,276	-0,007	0,012	0,254	FALSE
0,135	0,291	0,006	0,016	0,158	FALSE
0,026	0,287	0,001	0,009	0,022	FALSE
0,085	0,286	0,003	0,012	0,096	FALSE
-0,007	0,285	0,001	0,012	0,026	FALSE
-0,001	0,282	0,003	0,017	0,058	FALSE
-0,060	0,294	-0,005	0,017	0,108	FALSE
-0,072	0,278	-0,001	0,011	0,036	FALSE
0,194	0,272	0,007	0,015	0,199	FALSE
-0,155	0,285	-0,004	0,009	0,182	FALSE
-0,054	0,287	-0,002	0,017	0,048	FALSE
0,046	0,275	0,005	0,014	0,129	FALSE
-0,198	0,267	-0,011	0,018	0,274	FALSE
-0,047	0,269	-0,001	0,016	0,019	FALSE
-0,191	0,263	-0,010	0,014	0,301	FALSE
0,051	0,287	0,005	0,017	0,102	FALSE
0,112	0,271	0,007	0,014	0,215	FALSE
-0,070	0,285	-0,001	0,010	0,043	FALSE
0,020	0,291	0,001	0,009	0,036	FALSE
-0,030	0,275	-0,001	0,017	0,018	FALSE
-0,123	0,276	-0,003	0,009	0,147	FALSE
0,109	0,267	0,005	0,014	0,152	FALSE
0,026	0,284	0,001	0,014	0,013	FALSE
0,054	0,285	0,002	0,012	0,061	FALSE
0,040	0,285	0,001	0,013	0,028	FALSE
0,098	0,277	0,003	0,009	0,113	FALSE
-0,112	0,300	-0,003	0,009	0,131	FALSE
0,024	0,292	0,001	0,009	0,034	FALSE
0,186	0,261	0,006	0,014	0,176	FALSE
-0,139	0,270	-0,006	0,012	0,208	FALSE
0,247	0,269	0,013	0,016	0,373	FALSE
0,044	0,284	0,002	0,011	0,060	FALSE

-0,119	0,286	-0,005	0,012	0,183	FALSE
-0,210	0,274	-0,007	0,010	0,335	FALSE
0,112	0,291	0,005	0,018	0,109	FALSE
0,106	0,280	0,005	0,017	0,128	FALSE
0,102	0,262	0,004	0,017	0,081	FALSE
0,044	0,287	0,000	0,012	0,004	FALSE
-0,077	0,286	-0,003	0,011	0,103	FALSE
0,196	0,276	0,005	0,009	0,217	FALSE
-0,031	0,284	-0,001	0,009	0,033	FALSE
-0,042	0,303	-0,001	0,010	0,020	FALSE
-0,105	0,287	-0,002	0,008	0,106	FALSE
-0,023	0,298	-0,001	0,009	0,045	FALSE
0,062	0,292	0,002	0,016	0,057	FALSE
-0,062	0,282	-0,001	0,013	0,029	FALSE
0,138	0,281	0,006	0,013	0,177	FALSE
-0,060	0,299	-0,004	0,012	0,128	FALSE
-0,053	0,289	-0,004	0,012	0,118	FALSE
0,171	0,264	0,005	0,013	0,157	FALSE
-0,145	0,289	-0,005	0,013	0,150	FALSE
-0,177	0,276	-0,006	0,012	0,214	FALSE
-0,153	0,274	-0,005	0,013	0,170	FALSE
-0,112	0,289	-0,004	0,011	0,137	FALSE
-0,065	0,291	-0,002	0,018	0,033	FALSE
-0,057	0,288	-0,002	0,010	0,063	FALSE
-0,138	0,288	-0,003	0,009	0,133	FALSE
0,033	0,280	-0,001	0,009	0,040	FALSE
-0,032	0,276	-0,002	0,010	0,060	FALSE
-0,009	0,271	-0,003	0,015	0,064	FALSE
-0,018	0,282	-0,001	0,009	0,028	FALSE
-0,021	0,285	-0,002	0,018	0,042	FALSE
0,039	0,274	0,005	0,016	0,122	FALSE
-0,022	0,292	0,000	0,009	0,003	FALSE
0,015	0,289	0,003	0,016	0,077	FALSE
-0,054	0,288	-0,003	0,011	0,089	FALSE
-0,053	0,294	-0,002	0,017	0,050	FALSE
-0,061	0,295	-0,005	0,018	0,113	FALSE
-0,155	0,289	-0,003	0,009	0,146	FALSE
0,083	0,265	0,002	0,008	0,100	FALSE
-0,102	0,284	-0,005	0,014	0,144	FALSE
-0,027	0,293	-0,003	0,016	0,061	FALSE
-0,068	0,293	-0,005	0,018	0,104	FALSE
0,145	0,280	0,005	0,015	0,120	FALSE
-0,100	0,301	-0,003	0,014	0,075	FALSE
-0,117	0,280	-0,003	0,009	0,129	FALSE
-0,058	0,288	-0,001	0,011	0,024	FALSE
-0,108	0,293	-0,002	0,012	0,069	FALSE
-0,096	0,286	-0,004	0,010	0,168	FALSE
0,022	0,283	-0,001	0,010	0,018	FALSE
0,062	0,288	0,002	0,009	0,066	FALSE
0,044	0,288	0,001	0,011	0,023	FALSE
-0,028	0,281	0,000	0,008	0,014	FALSE
0,107	0,279	0,003	0,009	0,149	FALSE
-0,220	0,265	-0,012	0,017	0,315	FALSE

0,141	0,279	0,010	0,016	0,250	FALSE
0,058	0,280	0,005	0,013	0,164	FALSE
0,080	0,281	0,005	0,013	0,150	FALSE
-0,032	0,293	0,000	0,009	0,003	FALSE
-0,209	0,256	-0,012	0,016	0,331	FALSE
-0,028	0,267	-0,001	0,011	0,037	FALSE
-0,101	0,295	-0,004	0,015	0,113	FALSE
0,003	0,296	-0,002	0,018	0,032	FALSE
0,161	0,286	0,008	0,014	0,240	FALSE
-0,029	0,285	-0,002	0,010	0,058	FALSE
-0,047	0,291	-0,001	0,013	0,027	FALSE
-0,205	0,277	-0,005	0,010	0,225	FALSE
-0,014	0,285	0,000	0,010	0,012	FALSE
0,001	0,285	0,001	0,014	0,018	FALSE
-0,054	0,286	-0,002	0,017	0,033	FALSE
-0,007	0,286	0,000	0,013	0,003	FALSE
-0,137	0,285	-0,005	0,012	0,191	FALSE
0,180	0,263	0,004	0,008	0,173	FALSE
-0,075	0,287	-0,003	0,011	0,127	FALSE
0,075	0,288	0,001	0,012	0,030	FALSE
0,160	0,291	0,009	0,014	0,291	FALSE
-0,050	0,267	0,000	0,016	0,002	FALSE
-0,206	0,279	-0,006	0,011	0,241	FALSE
-0,196	0,275	-0,010	0,013	0,357	FALSE
-0,058	0,289	-0,003	0,010	0,116	FALSE
-0,093	0,282	-0,005	0,012	0,169	FALSE
0,062	0,284	0,004	0,015	0,092	FALSE
-0,084	0,279	-0,004	0,015	0,118	FALSE
-0,088	0,280	-0,002	0,010	0,083	FALSE
0,127	0,278	0,004	0,008	0,187	FALSE
-0,117	0,288	-0,004	0,015	0,114	FALSE
0,014	0,285	-0,001	0,011	0,027	FALSE
-0,078	0,291	-0,003	0,009	0,117	FALSE
-0,167	0,279	-0,007	0,011	0,287	FALSE
0,155	0,295	0,009	0,016	0,225	FALSE
-0,073	0,276	-0,001	0,009	0,051	FALSE
-0,066	0,288	-0,001	0,009	0,055	FALSE
-0,070	0,276	-0,002	0,010	0,085	FALSE
-0,020	0,285	0,002	0,016	0,045	FALSE
0,103	0,263	0,001	0,012	0,030	FALSE
0,005	0,287	-0,002	0,016	0,046	FALSE
-0,088	0,285	-0,002	0,012	0,077	FALSE
0,055	0,275	0,003	0,012	0,090	FALSE
0,073	0,269	0,004	0,012	0,121	FALSE
0,231	0,279	0,012	0,018	0,311	FALSE
-0,070	0,282	-0,001	0,017	0,022	FALSE
-0,168	0,270	-0,007	0,016	0,166	FALSE
-0,141	0,284	-0,006	0,015	0,172	FALSE
0,165	0,267	0,006	0,013	0,196	FALSE
-0,054	0,286	0,001	0,018	0,014	FALSE
-0,129	0,280	-0,008	0,017	0,204	FALSE
0,083	0,280	0,005	0,009	0,211	FALSE
-0,199	0,274	-0,009	0,015	0,260	FALSE

-0,097	0,270	-0,003	0,014	0,087	FALSE
-0,198	0,281	-0,006	0,010	0,273	FALSE
-0,002	0,288	0,001	0,009	0,063	FALSE
-0,110	0,279	-0,007	0,017	0,175	FALSE
0,133	0,284	0,005	0,012	0,192	FALSE
0,112	0,274	0,004	0,012	0,135	FALSE
0,088	0,277	0,004	0,010	0,165	FALSE
0,146	0,278	0,005	0,012	0,172	FALSE
-0,013	0,292	0,001	0,010	0,027	FALSE
-0,226	0,265	-0,011	0,016	0,306	FALSE
0,080	0,287	0,002	0,009	0,088	FALSE
-0,111	0,267	-0,006	0,015	0,166	FALSE
-0,120	0,275	-0,004	0,009	0,178	FALSE
0,056	0,286	0,001	0,015	0,019	FALSE
-0,154	0,297	-0,003	0,010	0,126	FALSE
0,107	0,290	0,003	0,014	0,067	FALSE
-0,130	0,276	-0,006	0,012	0,199	FALSE
-0,056	0,283	-0,004	0,016	0,097	FALSE
-0,071	0,285	-0,005	0,014	0,129	FALSE
-0,161	0,272	-0,007	0,013	0,231	FALSE
-0,017	0,288	-0,003	0,011	0,108	FALSE
0,024	0,293	0,001	0,012	0,026	FALSE
-0,113	0,275	-0,004	0,009	0,191	FALSE
-0,050	0,287	-0,004	0,016	0,099	FALSE
0,010	0,290	-0,002	0,016	0,044	FALSE
-0,155	0,275	-0,005	0,011	0,180	FALSE
-0,086	0,282	-0,003	0,015	0,076	FALSE
-0,032	0,282	0,000	0,010	0,003	FALSE
-0,028	0,302	0,001	0,010	0,023	FALSE
0,049	0,282	0,002	0,012	0,072	FALSE
0,060	0,294	0,003	0,017	0,067	FALSE
0,046	0,292	0,000	0,011	0,015	FALSE
-0,069	0,280	-0,003	0,018	0,062	FALSE
0,027	0,281	0,000	0,015	0,001	FALSE
0,002	0,285	-0,001	0,017	0,011	FALSE
0,052	0,289	0,002	0,015	0,040	FALSE
-0,146	0,278	-0,005	0,012	0,158	FALSE
0,034	0,286	0,001	0,014	0,021	FALSE
-0,099	0,283	-0,005	0,015	0,115	FALSE
0,061	0,269	0,002	0,008	0,082	FALSE
0,198	0,286	0,007	0,012	0,261	FALSE
0,074	0,285	0,001	0,010	0,050	FALSE
-0,062	0,304	-0,001	0,010	0,036	FALSE
0,072	0,268	0,005	0,013	0,141	FALSE
0,151	0,292	0,009	0,017	0,226	FALSE
0,123	0,277	0,004	0,016	0,095	FALSE
0,093	0,279	0,003	0,015	0,068	FALSE
0,071	0,283	0,002	0,015	0,043	FALSE
0,070	0,284	0,003	0,009	0,109	FALSE
0,155	0,287	0,008	0,017	0,215	FALSE
-0,019	0,287	0,000	0,011	0,012	FALSE
0,187	0,266	0,009	0,014	0,282	FALSE
0,001	0,301	0,002	0,010	0,057	FALSE

0,016	0,297	-0,001	0,017	0,011	FALSE
0,114	0,274	0,004	0,014	0,101	FALSE
0,011	0,293	0,000	0,010	0,017	FALSE
0,123	0,293	0,005	0,011	0,188	FALSE
-0,119	0,283	-0,006	0,016	0,133	FALSE
-0,018	0,287	0,000	0,014	0,009	FALSE
0,208	0,274	0,008	0,011	0,339	FALSE
0,116	0,282	0,005	0,014	0,160	FALSE
0,170	0,279	0,008	0,018	0,184	FALSE
0,142	0,287	0,007	0,017	0,159	FALSE
0,203	0,270	0,009	0,013	0,330	FALSE
-0,213	0,285	-0,009	0,012	0,354	FALSE
0,105	0,257	0,001	0,017	0,030	FALSE
-0,038	0,282	-0,001	0,009	0,055	FALSE
-0,006	0,274	0,000	0,013	0,006	FALSE
0,073	0,287	0,002	0,009	0,097	FALSE
0,003	0,277	0,001	0,014	0,022	FALSE
0,088	0,283	0,002	0,016	0,051	FALSE
0,079	0,277	0,001	0,016	0,031	FALSE
0,112	0,285	0,003	0,016	0,077	FALSE
0,058	0,287	0,001	0,016	0,022	FALSE
0,004	0,300	-0,003	0,016	0,058	FALSE
0,036	0,301	0,003	0,016	0,076	FALSE
-0,235	0,260	-0,014	0,015	0,439	FALSE
0,004	0,267	0,001	0,009	0,046	FALSE
0,078	0,289	0,004	0,016	0,082	FALSE
0,075	0,294	0,004	0,016	0,095	FALSE
0,071	0,281	0,003	0,008	0,147	FALSE
0,113	0,281	0,003	0,011	0,112	FALSE
-0,026	0,283	0,000	0,017	0,005	FALSE
-0,082	0,275	-0,002	0,013	0,045	FALSE
-0,020	0,280	-0,001	0,012	0,024	FALSE
0,020	0,281	0,000	0,012	0,014	FALSE
0,131	0,285	0,004	0,012	0,135	FALSE
0,051	0,289	0,002	0,009	0,073	FALSE
-0,046	0,279	-0,002	0,009	0,099	FALSE
0,041	0,281	0,001	0,011	0,047	FALSE
-0,094	0,275	-0,003	0,017	0,065	FALSE
-0,081	0,280	-0,003	0,009	0,160	FALSE
0,086	0,293	0,004	0,016	0,085	FALSE
0,082	0,279	0,003	0,011	0,100	FALSE
0,052	0,279	0,002	0,012	0,063	FALSE
0,134	0,285	0,005	0,014	0,152	FALSE
0,017	0,292	0,000	0,016	0,008	FALSE
-0,056	0,290	-0,002	0,018	0,034	FALSE
0,038	0,280	0,002	0,014	0,060	FALSE
-0,003	0,304	-0,001	0,018	0,017	FALSE
-0,202	0,270	-0,012	0,017	0,319	FALSE
-0,051	0,288	-0,003	0,016	0,077	FALSE
-0,030	0,297	-0,002	0,017	0,037	FALSE
0,053	0,302	0,003	0,012	0,098	FALSE
-0,093	0,299	-0,003	0,017	0,073	FALSE
-0,073	0,291	-0,005	0,018	0,109	FALSE

-0,104	0,293	-0,007	0,017	0,159	FALSE
0,012	0,272	-0,001	0,011	0,019	FALSE
0,016	0,289	0,002	0,018	0,033	FALSE
0,017	0,282	0,001	0,014	0,013	FALSE
-0,003	0,282	-0,002	0,017	0,050	FALSE
-0,139	0,272	-0,003	0,009	0,117	FALSE
-0,043	0,262	-0,003	0,012	0,090	FALSE
0,033	0,277	0,003	0,015	0,077	FALSE
0,008	0,279	0,002	0,015	0,036	FALSE
-0,076	0,283	-0,005	0,014	0,139	FALSE
0,096	0,279	0,003	0,010	0,123	FALSE
-0,039	0,293	0,000	0,012	0,011	FALSE
0,006	0,277	0,000	0,013	0,010	FALSE
-0,003	0,274	0,001	0,017	0,013	FALSE
-0,087	0,274	-0,003	0,010	0,135	FALSE
-0,092	0,282	-0,004	0,010	0,136	FALSE
0,023	0,292	0,001	0,017	0,015	FALSE
0,035	0,281	0,001	0,012	0,021	FALSE
-0,039	0,287	-0,002	0,018	0,031	FALSE
0,105	0,288	0,003	0,011	0,115	FALSE
-0,029	0,288	0,001	0,010	0,042	FALSE
-0,061	0,307	-0,002	0,011	0,061	FALSE
0,117	0,286	0,003	0,009	0,120	FALSE
-0,083	0,290	-0,006	0,016	0,155	FALSE
0,155	0,266	0,004	0,009	0,202	FALSE
-0,009	0,279	0,000	0,010	0,012	FALSE
-0,022	0,276	0,001	0,012	0,040	FALSE
-0,009	0,298	-0,001	0,013	0,019	FALSE
0,016	0,299	0,001	0,014	0,027	FALSE
-0,084	0,284	-0,007	0,015	0,177	FALSE
0,042	0,269	0,001	0,014	0,025	FALSE
0,025	0,281	0,001	0,010	0,056	FALSE
0,076	0,281	0,005	0,017	0,102	FALSE
-0,043	0,286	0,000	0,010	0,015	FALSE
-0,101	0,281	-0,002	0,009	0,068	FALSE
-0,082	0,293	-0,004	0,018	0,077	FALSE
0,139	0,272	0,006	0,016	0,151	FALSE
-0,159	0,272	-0,007	0,014	0,215	FALSE
0,034	0,290	0,001	0,010	0,036	FALSE
0,035	0,285	0,002	0,012	0,071	FALSE
-0,082	0,274	-0,005	0,014	0,134	FALSE
0,069	0,292	0,002	0,011	0,081	FALSE
-0,038	0,282	-0,002	0,015	0,042	FALSE
-0,025	0,293	-0,001	0,015	0,032	FALSE
-0,068	0,275	-0,003	0,015	0,088	FALSE
-0,041	0,288	0,000	0,009	0,004	FALSE
0,107	0,283	0,004	0,012	0,119	FALSE
-0,134	0,278	-0,005	0,010	0,183	FALSE
0,114	0,299	0,006	0,016	0,132	FALSE
0,119	0,283	0,007	0,017	0,173	FALSE
0,112	0,270	0,007	0,017	0,159	TRUE
0,073	0,277	0,005	0,017	0,130	FALSE
0,171	0,296	0,004	0,009	0,207	FALSE

-0,166	0,270	-0,009	0,017	0,222	FALSE
0,003	0,283	-0,001	0,010	0,022	FALSE
0,091	0,288	0,005	0,012	0,174	FALSE
0,183	0,288	0,008	0,016	0,226	FALSE
-0,035	0,288	-0,002	0,011	0,074	FALSE
-0,009	0,289	0,000	0,017	0,004	FALSE
0,005	0,306	0,000	0,017	0,007	FALSE
-0,030	0,297	-0,002	0,018	0,032	FALSE
-0,172	0,292	-0,009	0,016	0,250	FALSE
0,173	0,285	0,009	0,017	0,231	FALSE
0,207	0,274	0,006	0,010	0,271	FALSE
0,143	0,283	0,006	0,014	0,192	FALSE
0,132	0,277	0,006	0,013	0,202	FALSE
-0,161	0,278	-0,010	0,015	0,284	FALSE
0,196	0,281	0,009	0,012	0,340	FALSE
0,124	0,278	0,006	0,011	0,229	FALSE
0,042	0,302	0,004	0,018	0,074	FALSE
-0,217	0,297	-0,007	0,014	0,222	FALSE
-0,147	0,287	-0,004	0,009	0,166	FALSE
0,010	0,286	0,000	0,010	0,003	FALSE
0,019	0,288	0,001	0,011	0,044	FALSE
0,060	0,285	0,001	0,011	0,018	FALSE
-0,057	0,287	-0,002	0,015	0,036	FALSE
-0,147	0,278	-0,006	0,017	0,132	FALSE
-0,156	0,274	-0,007	0,017	0,162	FALSE
0,347	0,260	0,019	0,017	0,620	FALSE
-0,030	0,293	-0,003	0,017	0,068	FALSE
-0,073	0,296	-0,003	0,011	0,095	FALSE
0,075	0,281	0,004	0,018	0,092	FALSE
0,103	0,289	0,005	0,018	0,111	FALSE
0,103	0,273	0,004	0,012	0,118	FALSE
-0,012	0,298	-0,001	0,010	0,031	FALSE
0,000	0,271	0,000	0,009	0,013	FALSE
0,040	0,282	0,002	0,014	0,060	FALSE
-0,056	0,274	-0,002	0,010	0,086	FALSE
-0,112	0,280	-0,004	0,010	0,136	FALSE
0,176	0,280	0,009	0,012	0,318	FALSE
-0,100	0,274	-0,003	0,010	0,127	FALSE
-0,114	0,293	-0,004	0,011	0,142	FALSE
0,022	0,275	-0,002	0,015	0,040	FALSE
0,083	0,278	0,004	0,013	0,122	FALSE
-0,122	0,297	-0,003	0,010	0,117	FALSE
-0,026	0,262	0,000	0,012	0,014	FALSE
-0,014	0,283	0,000	0,011	0,013	FALSE
0,001	0,271	0,002	0,013	0,043	FALSE
0,007	0,284	0,001	0,010	0,054	FALSE
0,052	0,285	0,000	0,015	0,006	FALSE
-0,021	0,285	0,001	0,011	0,037	FALSE
-0,012	0,279	0,000	0,016	0,004	FALSE
-0,016	0,275	0,000	0,015	0,004	FALSE
-0,088	0,281	-0,006	0,015	0,175	FALSE
-0,019	0,286	-0,002	0,013	0,065	FALSE
0,035	0,286	0,000	0,009	0,011	FALSE

-0,023	0,289	-0,003	0,013	0,077	FALSE
-0,030	0,296	-0,003	0,011	0,098	FALSE
0,057	0,279	0,000	0,011	0,009	FALSE
0,005	0,275	0,001	0,014	0,014	FALSE
-0,108	0,285	-0,009	0,016	0,235	FALSE
0,046	0,293	0,003	0,009	0,102	FALSE
0,113	0,286	0,006	0,016	0,148	FALSE
0,113	0,285	0,005	0,016	0,122	FALSE
-0,015	0,290	-0,001	0,017	0,019	FALSE
0,128	0,289	0,006	0,015	0,165	FALSE
-0,282	0,263	-0,016	0,017	0,458	FALSE
-0,306	0,264	-0,018	0,017	0,523	FALSE
-0,302	0,254	-0,017	0,018	0,450	FALSE
-0,070	0,286	-0,003	0,017	0,076	FALSE
0,153	0,264	0,006	0,015	0,165	FALSE
-0,236	0,266	-0,012	0,013	0,427	FALSE
0,102	0,289	0,003	0,008	0,143	FALSE
0,092	0,292	0,005	0,016	0,128	FALSE
0,051	0,280	0,003	0,014	0,070	FALSE
0,078	0,288	0,004	0,015	0,102	FALSE
0,131	0,274	0,004	0,012	0,139	FALSE
0,106	0,295	0,006	0,017	0,138	FALSE
-0,177	0,274	-0,007	0,011	0,273	FALSE
-0,006	0,277	-0,002	0,016	0,055	FALSE
0,047	0,276	0,000	0,009	0,011	FALSE
0,048	0,275	0,000	0,009	0,019	FALSE
0,031	0,268	0,003	0,017	0,059	FALSE
0,010	0,274	-0,001	0,017	0,014	FALSE
-0,015	0,279	0,001	0,017	0,026	FALSE
-0,126	0,287	-0,003	0,009	0,151	FALSE
0,034	0,289	0,000	0,010	0,016	FALSE
0,196	0,275	0,009	0,016	0,260	FALSE
0,102	0,285	0,004	0,011	0,147	FALSE
0,055	0,290	0,001	0,011	0,025	FALSE
0,073	0,275	0,001	0,011	0,031	FALSE
0,096	0,289	0,003	0,017	0,073	FALSE
0,150	0,282	0,005	0,011	0,178	FALSE
-0,031	0,267	0,000	0,013	0,010	FALSE
-0,191	0,273	-0,010	0,018	0,243	FALSE
0,263	0,277	0,010	0,011	0,443	FALSE
-0,109	0,284	-0,002	0,009	0,102	FALSE
-0,102	0,280	-0,002	0,009	0,104	FALSE
0,036	0,285	0,001	0,009	0,062	FALSE
-0,028	0,285	-0,001	0,010	0,032	FALSE
-0,141	0,275	-0,005	0,013	0,143	FALSE
0,068	0,284	0,004	0,009	0,185	FALSE
0,000	0,277	0,000	0,010	0,005	FALSE
0,030	0,286	0,002	0,009	0,067	FALSE
-0,226	0,263	-0,012	0,015	0,363	FALSE
0,070	0,280	0,002	0,010	0,081	FALSE
-0,105	0,288	-0,006	0,017	0,140	FALSE
0,019	0,273	0,001	0,014	0,016	FALSE
0,040	0,288	0,002	0,015	0,041	FALSE

0,049	0,283	0,001	0,010	0,021	FALSE
-0,108	0,285	-0,002	0,013	0,059	FALSE
0,058	0,285	0,005	0,013	0,155	FALSE
-0,255	0,271	-0,016	0,018	0,429	FALSE
0,003	0,284	0,002	0,014	0,054	FALSE
0,030	0,298	0,002	0,010	0,060	FALSE
0,092	0,287	0,003	0,011	0,111	FALSE
0,035	0,300	0,002	0,014	0,064	FALSE
-0,026	0,287	0,000	0,013	0,008	FALSE
-0,176	0,271	-0,007	0,010	0,288	FALSE
0,072	0,276	0,002	0,009	0,062	FALSE
-0,165	0,279	-0,006	0,009	0,277	FALSE
-0,167	0,281	-0,011	0,018	0,266	FALSE
-0,034	0,272	-0,001	0,014	0,026	FALSE
0,058	0,283	0,001	0,018	0,011	FALSE
0,012	0,293	0,000	0,016	0,001	FALSE
-0,102	0,295	-0,001	0,011	0,047	FALSE
-0,168	0,299	-0,005	0,009	0,220	FALSE
-0,031	0,277	-0,001	0,014	0,022	FALSE
0,158	0,264	0,007	0,011	0,264	FALSE
0,122	0,276	0,005	0,010	0,216	FALSE
0,155	0,277	0,003	0,009	0,117	FALSE
0,062	0,285	0,002	0,009	0,074	FALSE
-0,010	0,276	-0,003	0,016	0,075	FALSE
0,090	0,274	0,002	0,009	0,075	FALSE
-0,052	0,285	-0,002	0,010	0,066	FALSE
0,060	0,281	0,001	0,016	0,018	FALSE
0,163	0,269	0,007	0,012	0,230	FALSE
0,098	0,288	0,004	0,014	0,114	FALSE
0,071	0,263	0,000	0,009	0,013	FALSE
-0,042	0,280	-0,002	0,009	0,078	FALSE
-0,127	0,271	-0,006	0,012	0,235	FALSE
0,081	0,291	0,004	0,017	0,087	FALSE
0,065	0,285	0,002	0,010	0,089	FALSE
0,025	0,281	0,001	0,010	0,041	FALSE
0,015	0,277	0,003	0,015	0,072	FALSE
0,068	0,276	0,000	0,010	0,016	FALSE
-0,033	0,275	-0,004	0,016	0,105	FALSE
0,028	0,281	0,003	0,015	0,069	FALSE
0,187	0,274	0,006	0,011	0,230	FALSE
-0,096	0,293	-0,003	0,012	0,113	FALSE
-0,123	0,287	-0,004	0,011	0,164	FALSE
-0,021	0,291	-0,002	0,011	0,068	FALSE
-0,007	0,296	0,000	0,012	0,006	FALSE
-0,044	0,280	-0,003	0,012	0,086	FALSE
0,004	0,293	-0,002	0,017	0,053	FALSE
-0,067	0,287	-0,005	0,016	0,117	FALSE
0,161	0,288	0,006	0,016	0,166	FALSE
-0,119	0,297	-0,006	0,013	0,170	FALSE
-0,130	0,285	-0,006	0,013	0,180	FALSE
-0,015	0,275	0,000	0,016	0,002	FALSE
0,061	0,279	0,005	0,017	0,112	FALSE
0,052	0,296	0,001	0,011	0,041	FALSE

-0,090	0,281	-0,004	0,011	0,135	FALSE
0,045	0,278	0,002	0,015	0,045	FALSE
0,092	0,278	0,004	0,010	0,142	FALSE
-0,019	0,298	0,000	0,012	0,000	FALSE
0,216	0,266	0,005	0,008	0,290	FALSE
0,119	0,268	0,004	0,009	0,165	FALSE
-0,001	0,275	-0,001	0,012	0,040	FALSE
0,030	0,285	0,001	0,009	0,037	FALSE
-0,041	0,288	-0,003	0,018	0,055	FALSE
0,060	0,259	0,002	0,016	0,056	FALSE
-0,070	0,287	-0,003	0,017	0,073	FALSE
-0,066	0,293	-0,003	0,018	0,063	FALSE
-0,144	0,284	-0,008	0,016	0,193	FALSE
-0,169	0,291	-0,006	0,011	0,245	FALSE
-0,068	0,292	-0,003	0,017	0,077	FALSE
-0,042	0,292	0,000	0,009	0,002	FALSE
0,114	0,299	0,004	0,010	0,141	FALSE
-0,075	0,289	-0,004	0,015	0,113	FALSE
-0,114	0,278	-0,002	0,009	0,103	FALSE
0,049	0,292	0,003	0,013	0,090	FALSE
0,021	0,298	0,000	0,009	0,003	FALSE
-0,071	0,290	-0,003	0,016	0,075	FALSE
0,061	0,276	0,003	0,013	0,077	FALSE
0,029	0,271	0,002	0,013	0,044	FALSE
0,103	0,273	0,004	0,014	0,116	FALSE
-0,052	0,287	-0,002	0,017	0,041	FALSE
0,170	0,281	0,008	0,012	0,306	FALSE
-0,084	0,283	-0,003	0,011	0,116	FALSE
-0,251	0,281	-0,012	0,017	0,320	FALSE
-0,280	0,273	-0,013	0,015	0,398	FALSE
-0,288	0,263	-0,012	0,015	0,403	FALSE
-0,277	0,269	-0,012	0,014	0,394	FALSE
-0,200	0,279	-0,007	0,013	0,245	FALSE
-0,206	0,267	-0,008	0,013	0,279	FALSE
-0,035	0,286	-0,001	0,009	0,052	FALSE
-0,180	0,273	-0,007	0,014	0,211	FALSE
-0,195	0,274	-0,008	0,013	0,241	FALSE
0,077	0,297	0,002	0,010	0,095	FALSE
0,004	0,281	-0,001	0,010	0,024	FALSE
0,020	0,285	0,003	0,013	0,083	FALSE
0,100	0,287	0,004	0,009	0,175	FALSE
-0,101	0,270	-0,003	0,009	0,121	FALSE
0,079	0,286	0,006	0,016	0,154	FALSE
0,200	0,286	0,008	0,010	0,366	FALSE
-0,092	0,283	-0,004	0,015	0,110	FALSE
-0,083	0,277	-0,005	0,017	0,119	FALSE
0,024	0,287	0,003	0,015	0,082	FALSE
-0,106	0,285	-0,001	0,010	0,041	FALSE
-0,075	0,281	-0,004	0,017	0,080	FALSE
0,094	0,271	0,002	0,011	0,077	FALSE
0,017	0,287	0,000	0,016	0,009	FALSE
0,063	0,277	0,005	0,017	0,112	FALSE
-0,037	0,275	-0,001	0,013	0,032	FALSE

0,109	0,277	0,002	0,015	0,057	FALSE
0,063	0,273	0,000	0,018	0,003	FALSE
0,033	0,285	0,000	0,013	0,003	FALSE
-0,193	0,270	-0,008	0,010	0,355	FALSE
-0,126	0,267	-0,008	0,017	0,203	FALSE
0,168	0,279	0,005	0,010	0,232	FALSE
-0,011	0,289	-0,001	0,010	0,036	FALSE
-0,185	0,281	-0,012	0,017	0,307	FALSE
-0,100	0,292	-0,004	0,013	0,135	FALSE
-0,083	0,280	-0,004	0,014	0,100	FALSE
0,046	0,279	-0,001	0,013	0,015	FALSE
0,026	0,273	0,002	0,009	0,061	FALSE
-0,099	0,268	-0,003	0,012	0,086	FALSE
-0,111	0,270	-0,003	0,012	0,103	FALSE
-0,097	0,265	-0,003	0,012	0,087	FALSE
-0,077	0,274	-0,005	0,016	0,120	FALSE
-0,051	0,272	-0,004	0,017	0,079	FALSE
-0,108	0,276	-0,006	0,011	0,247	FALSE
0,000	0,294	0,000	0,011	0,009	FALSE
-0,022	0,287	0,001	0,011	0,026	FALSE
0,057	0,274	0,000	0,012	0,002	FALSE
0,065	0,289	0,001	0,013	0,029	FALSE
0,065	0,274	0,001	0,013	0,025	FALSE
0,064	0,278	0,001	0,012	0,027	FALSE
-0,042	0,293	-0,001	0,015	0,034	FALSE
-0,058	0,275	-0,002	0,013	0,063	FALSE
0,040	0,291	0,004	0,012	0,131	FALSE
-0,080	0,269	-0,004	0,011	0,139	FALSE
0,028	0,283	0,000	0,012	0,010	FALSE
0,006	0,273	-0,001	0,015	0,018	FALSE
0,048	0,266	0,002	0,013	0,064	FALSE
-0,062	0,282	-0,004	0,015	0,099	FALSE
0,047	0,286	0,002	0,016	0,037	FALSE
0,072	0,270	0,002	0,009	0,075	FALSE
0,054	0,282	0,002	0,014	0,061	FALSE
0,105	0,285	0,003	0,014	0,078	FALSE
-0,055	0,293	-0,002	0,011	0,063	FALSE
0,011	0,292	0,002	0,012	0,059	FALSE
0,036	0,282	0,004	0,015	0,098	FALSE
0,052	0,269	0,001	0,016	0,030	FALSE
-0,033	0,286	-0,003	0,017	0,070	FALSE
0,119	0,283	0,008	0,016	0,210	FALSE
0,002	0,281	0,001	0,010	0,042	FALSE
0,109	0,271	0,010	0,016	0,251	FALSE
-0,036	0,282	0,001	0,015	0,026	FALSE
0,136	0,278	0,009	0,015	0,254	FALSE
-0,061	0,261	-0,004	0,011	0,151	FALSE
-0,064	0,288	-0,003	0,016	0,057	FALSE
-0,115	0,288	-0,002	0,011	0,070	FALSE
0,030	0,291	0,001	0,014	0,026	FALSE
0,094	0,284	0,003	0,014	0,092	FALSE
-0,231	0,281	-0,014	0,016	0,425	FALSE
-0,088	0,282	-0,004	0,013	0,135	FALSE

-0,029	0,279	0,001	0,010	0,050	FALSE
-0,158	0,278	-0,005	0,010	0,219	FALSE
0,069	0,282	0,002	0,014	0,048	FALSE
-0,168	0,283	-0,005	0,009	0,243	FALSE
-0,071	0,274	-0,002	0,008	0,095	FALSE
-0,253	0,264	-0,014	0,017	0,389	FALSE
-0,227	0,283	-0,007	0,009	0,338	FALSE
0,178	0,279	0,007	0,014	0,227	FALSE
0,196	0,276	0,009	0,014	0,276	FALSE
-0,143	0,298	-0,005	0,011	0,189	FALSE
0,168	0,273	0,007	0,013	0,229	FALSE
0,047	0,284	0,003	0,011	0,094	FALSE
0,048	0,290	0,002	0,012	0,073	FALSE
0,001	0,293	-0,001	0,017	0,019	FALSE
-0,062	0,278	-0,004	0,017	0,082	FALSE
-0,172	0,288	-0,005	0,011	0,206	FALSE
-0,092	0,293	-0,004	0,015	0,094	FALSE
-0,169	0,283	-0,005	0,010	0,207	FALSE
-0,187	0,277	-0,008	0,012	0,273	FALSE
-0,009	0,287	0,000	0,017	0,007	FALSE
0,011	0,282	0,002	0,012	0,050	FALSE
-0,017	0,271	-0,002	0,016	0,035	FALSE
0,226	0,286	0,014	0,017	0,397	FALSE
-0,134	0,272	-0,008	0,016	0,216	FALSE
-0,180	0,271	-0,003	0,009	0,148	FALSE
-0,284	0,268	-0,015	0,018	0,396	FALSE
0,157	0,269	0,005	0,010	0,189	FALSE
-0,095	0,294	-0,003	0,009	0,139	FALSE
-0,012	0,296	0,000	0,018	0,001	FALSE
0,191	0,285	0,010	0,015	0,294	FALSE
0,081	0,303	0,004	0,016	0,101	FALSE
0,138	0,274	0,007	0,016	0,174	FALSE
-0,110	0,281	-0,004	0,011	0,139	FALSE
-0,019	0,285	0,000	0,012	0,010	FALSE
-0,075	0,276	-0,002	0,012	0,060	FALSE
-0,206	0,287	-0,011	0,017	0,299	FALSE
-0,065	0,266	-0,002	0,017	0,032	FALSE
0,178	0,281	0,006	0,010	0,242	FALSE
0,003	0,297	0,000	0,011	0,012	FALSE
0,083	0,275	0,006	0,015	0,173	FALSE
0,112	0,276	0,004	0,016	0,089	FALSE
0,027	0,270	0,000	0,012	0,006	FALSE
-0,016	0,280	0,000	0,010	0,009	FALSE
0,190	0,278	0,008	0,014	0,235	FALSE
0,046	0,291	0,002	0,018	0,051	FALSE
-0,086	0,289	-0,002	0,011	0,053	FALSE
0,138	0,292	0,005	0,016	0,127	FALSE
-0,117	0,253	-0,008	0,015	0,216	FALSE
-0,052	0,277	-0,001	0,008	0,041	FALSE
0,043	0,289	0,001	0,012	0,024	FALSE
-0,158	0,280	-0,004	0,009	0,167	FALSE
-0,122	0,291	-0,006	0,016	0,158	FALSE
0,012	0,271	0,001	0,011	0,039	FALSE

0,018	0,302	0,000	0,012	0,005	FALSE
-0,045	0,283	-0,001	0,011	0,032	FALSE
-0,009	0,281	0,001	0,016	0,033	FALSE
-0,133	0,285	-0,005	0,010	0,225	FALSE
0,050	0,286	0,003	0,010	0,104	FALSE
-0,005	0,277	-0,001	0,011	0,036	FALSE
-0,026	0,278	-0,002	0,012	0,060	FALSE
-0,121	0,282	-0,008	0,017	0,201	FALSE
-0,154	0,281	-0,004	0,010	0,149	FALSE
0,150	0,274	0,005	0,015	0,127	FALSE
0,149	0,289	0,005	0,010	0,196	FALSE
-0,071	0,254	-0,003	0,014	0,073	FALSE
0,050	0,291	0,001	0,009	0,062	FALSE
-0,145	0,278	-0,003	0,010	0,125	FALSE
-0,150	0,282	-0,006	0,012	0,197	FALSE
-0,100	0,280	-0,003	0,009	0,134	FALSE
0,052	0,270	0,001	0,009	0,051	FALSE
0,109	0,275	0,003	0,011	0,123	FALSE
0,076	0,275	0,004	0,017	0,094	FALSE
0,037	0,259	0,003	0,014	0,072	FALSE
-0,105	0,280	-0,007	0,016	0,186	FALSE
-0,094	0,285	-0,007	0,016	0,174	FALSE
0,030	0,288	0,001	0,011	0,040	FALSE
-0,158	0,285	-0,005	0,013	0,134	FALSE
-0,186	0,278	-0,006	0,014	0,174	FALSE
-0,087	0,277	-0,003	0,009	0,139	FALSE
0,168	0,284	0,006	0,011	0,229	FALSE
0,106	0,273	0,003	0,008	0,133	FALSE
0,216	0,276	0,006	0,009	0,306	FALSE
0,027	0,285	0,001	0,009	0,048	FALSE
0,051	0,275	0,003	0,013	0,087	FALSE
-0,024	0,288	-0,002	0,010	0,077	FALSE
-0,060	0,273	-0,003	0,014	0,093	FALSE
0,060	0,293	0,002	0,017	0,044	FALSE
0,048	0,280	0,001	0,011	0,049	FALSE
-0,134	0,280	-0,004	0,011	0,170	FALSE
0,195	0,262	0,010	0,014	0,325	FALSE
0,195	0,267	0,009	0,015	0,274	FALSE
-0,237	0,282	-0,008	0,010	0,366	FALSE
0,084	0,283	0,005	0,015	0,141	FALSE
0,053	0,278	0,001	0,016	0,017	FALSE
0,028	0,291	0,000	0,011	0,013	FALSE
0,089	0,288	0,004	0,018	0,094	FALSE
-0,078	0,289	-0,003	0,011	0,120	FALSE
0,014	0,289	0,001	0,010	0,021	FALSE
-0,002	0,281	-0,001	0,016	0,032	FALSE
0,062	0,278	0,002	0,012	0,054	FALSE
-0,033	0,290	-0,001	0,017	0,028	FALSE
-0,065	0,285	-0,003	0,016	0,079	FALSE
0,084	0,279	0,005	0,014	0,130	FALSE
0,173	0,268	0,007	0,016	0,174	FALSE
-0,066	0,286	-0,002	0,017	0,046	FALSE
-0,052	0,296	-0,001	0,019	0,026	FALSE

-0,047	0,274	0,000	0,017	0,007	FALSE
-0,024	0,281	-0,001	0,015	0,021	FALSE
-0,079	0,288	-0,005	0,017	0,104	FALSE
-0,119	0,287	-0,007	0,017	0,157	FALSE
-0,039	0,277	-0,001	0,011	0,017	FALSE
0,166	0,275	0,010	0,017	0,241	FALSE
0,133	0,277	0,007	0,013	0,240	FALSE
-0,065	0,282	-0,006	0,018	0,140	FALSE
0,137	0,276	0,004	0,008	0,212	FALSE
0,190	0,274	0,004	0,009	0,193	FALSE
-0,033	0,283	-0,001	0,014	0,017	FALSE
0,133	0,283	0,005	0,015	0,133	FALSE
0,023	0,265	0,000	0,010	0,013	FALSE
0,030	0,289	0,003	0,016	0,073	FALSE
0,179	0,270	0,007	0,013	0,212	FALSE
0,175	0,274	0,008	0,011	0,329	FALSE
0,113	0,280	0,004	0,014	0,099	FALSE
-0,132	0,277	-0,007	0,017	0,164	FALSE
-0,004	0,273	0,003	0,014	0,072	FALSE
-0,031	0,282	0,002	0,015	0,039	FALSE
-0,052	0,289	0,000	0,014	0,005	FALSE
0,071	0,279	0,002	0,011	0,070	FALSE
-0,044	0,293	-0,001	0,011	0,019	FALSE
0,013	0,286	0,001	0,009	0,021	FALSE
0,065	0,276	0,000	0,016	0,009	FALSE
-0,077	0,279	-0,001	0,009	0,028	FALSE
-0,031	0,288	0,002	0,018	0,033	FALSE
0,032	0,282	0,005	0,017	0,122	FALSE
0,100	0,295	0,006	0,018	0,146	FALSE
0,051	0,282	0,001	0,014	0,020	FALSE
0,151	0,284	0,004	0,010	0,170	FALSE
0,033	0,274	0,003	0,012	0,085	FALSE
-0,090	0,282	-0,002	0,010	0,081	FALSE
-0,002	0,286	0,000	0,012	0,007	FALSE
-0,190	0,283	-0,010	0,016	0,271	FALSE
-0,219	0,276	-0,006	0,009	0,267	FALSE
0,045	0,280	0,002	0,017	0,046	FALSE
-0,010	0,296	-0,002	0,017	0,047	FALSE
-0,031	0,278	-0,001	0,017	0,011	FALSE
0,026	0,272	0,001	0,015	0,030	FALSE
0,027	0,283	0,000	0,010	0,000	FALSE
0,070	0,287	0,001	0,010	0,052	FALSE
0,109	0,279	0,004	0,013	0,138	FALSE
0,090	0,291	0,004	0,009	0,190	FALSE
0,094	0,293	0,004	0,009	0,185	FALSE
0,114	0,287	0,004	0,009	0,163	FALSE
-0,043	0,283	-0,005	0,017	0,105	FALSE
0,044	0,291	0,001	0,016	0,026	FALSE
0,026	0,298	0,000	0,016	0,010	FALSE
0,075	0,282	0,003	0,017	0,065	FALSE
0,199	0,268	0,008	0,014	0,255	FALSE
-0,049	0,268	-0,001	0,008	0,055	FALSE
-0,128	0,289	-0,006	0,017	0,148	FALSE

0,046	0,268	0,002	0,017	0,049	FALSE
0,070	0,269	0,003	0,017	0,066	FALSE
-0,011	0,271	0,000	0,009	0,017	FALSE
0,070	0,292	0,003	0,010	0,106	FALSE
0,021	0,282	0,002	0,008	0,067	FALSE
-0,153	0,279	-0,007	0,010	0,317	FALSE
-0,162	0,274	-0,011	0,017	0,283	FALSE
0,048	0,297	0,002	0,012	0,055	FALSE
-0,120	0,270	-0,008	0,017	0,206	FALSE
0,044	0,293	0,002	0,010	0,079	FALSE
-0,021	0,290	-0,003	0,017	0,057	FALSE
0,072	0,287	0,003	0,010	0,128	FALSE
-0,051	0,291	-0,002	0,015	0,054	FALSE
-0,065	0,283	-0,001	0,009	0,049	FALSE
-0,133	0,273	-0,005	0,009	0,211	FALSE
0,058	0,283	0,002	0,010	0,066	FALSE
-0,158	0,275	-0,004	0,009	0,197	FALSE
-0,018	0,276	0,000	0,016	0,006	FALSE
0,068	0,293	0,002	0,009	0,100	FALSE
0,120	0,273	0,004	0,009	0,181	FALSE
0,015	0,285	0,001	0,009	0,030	FALSE
-0,019	0,279	-0,001	0,017	0,032	FALSE
-0,132	0,283	-0,006	0,009	0,272	FALSE
-0,106	0,286	-0,005	0,010	0,214	FALSE
-0,146	0,283	-0,005	0,009	0,260	FALSE
-0,127	0,286	-0,005	0,009	0,241	FALSE
0,134	0,262	0,010	0,016	0,285	FALSE
0,046	0,287	0,002	0,012	0,075	FALSE
-0,109	0,284	-0,004	0,009	0,201	FALSE
0,077	0,287	0,004	0,011	0,144	FALSE
0,013	0,282	0,001	0,012	0,036	FALSE
0,020	0,285	0,001	0,012	0,038	FALSE
0,009	0,270	0,000	0,011	0,001	FALSE
0,021	0,282	-0,001	0,013	0,039	FALSE
-0,038	0,283	-0,003	0,016	0,081	FALSE
-0,011	0,288	-0,001	0,009	0,036	FALSE
-0,035	0,284	-0,002	0,009	0,084	FALSE
-0,170	0,294	-0,004	0,009	0,184	FALSE
0,108	0,286	0,003	0,010	0,131	FALSE
0,063	0,298	0,002	0,009	0,067	FALSE
-0,106	0,288	-0,005	0,012	0,171	FALSE
-0,077	0,290	-0,002	0,011	0,068	FALSE
0,155	0,277	0,008	0,015	0,229	FALSE
-0,168	0,274	-0,010	0,018	0,255	FALSE
0,212	0,276	0,007	0,011	0,264	FALSE
-0,219	0,279	-0,006	0,011	0,241	FALSE
0,084	0,271	0,001	0,010	0,044	FALSE
0,012	0,286	0,001	0,014	0,014	FALSE
0,087	0,281	0,003	0,009	0,134	FALSE
-0,021	0,269	-0,001	0,010	0,035	FALSE
-0,254	0,265	-0,009	0,010	0,473	FALSE
-0,207	0,270	-0,007	0,009	0,352	FALSE
-0,150	0,253	-0,011	0,017	0,274	FALSE

-0,032	0,299	0,000	0,014	0,011	FALSE
0,145	0,271	0,006	0,014	0,195	FALSE
0,178	0,276	0,009	0,015	0,269	FALSE
-0,078	0,273	-0,004	0,012	0,143	FALSE
0,039	0,280	-0,001	0,017	0,016	FALSE
0,048	0,295	0,000	0,016	0,005	FALSE
-0,043	0,298	-0,003	0,013	0,093	FALSE
-0,058	0,284	-0,001	0,018	0,016	FALSE
-0,019	0,282	-0,003	0,015	0,089	FALSE
0,080	0,290	0,004	0,018	0,077	FALSE
-0,049	0,283	-0,004	0,017	0,082	FALSE
-0,036	0,281	0,000	0,011	0,011	FALSE
0,100	0,301	0,003	0,011	0,112	FALSE
0,054	0,287	0,002	0,012	0,059	FALSE
0,009	0,293	-0,001	0,011	0,017	FALSE
0,216	0,280	0,010	0,014	0,333	FALSE
-0,141	0,288	-0,004	0,011	0,158	FALSE
0,055	0,294	0,001	0,009	0,052	FALSE
-0,091	0,284	-0,003	0,017	0,073	FALSE
0,041	0,260	0,001	0,017	0,013	FALSE
-0,010	0,259	0,001	0,016	0,029	FALSE
-0,165	0,289	-0,005	0,013	0,173	FALSE
0,053	0,276	0,001	0,008	0,037	FALSE
0,072	0,290	0,002	0,013	0,072	FALSE
0,101	0,296	0,003	0,011	0,114	FALSE
0,030	0,282	0,002	0,012	0,071	FALSE
-0,128	0,288	-0,008	0,014	0,256	FALSE
-0,054	0,300	-0,004	0,017	0,086	FALSE
0,076	0,279	0,002	0,008	0,071	FALSE
-0,069	0,280	-0,002	0,009	0,069	FALSE
0,126	0,281	0,006	0,015	0,176	FALSE
0,139	0,275	0,006	0,015	0,174	FALSE
0,044	0,277	0,001	0,009	0,059	FALSE
-0,107	0,285	-0,006	0,012	0,192	FALSE
-0,075	0,274	-0,002	0,009	0,070	FALSE
-0,054	0,282	-0,001	0,010	0,039	FALSE
-0,037	0,286	-0,002	0,013	0,053	FALSE
0,115	0,284	0,003	0,011	0,095	FALSE
-0,217	0,280	-0,007	0,011	0,294	FALSE
-0,054	0,267	-0,003	0,014	0,081	FALSE
-0,058	0,289	-0,002	0,013	0,053	FALSE
-0,158	0,277	-0,004	0,010	0,171	FALSE
0,134	0,275	0,004	0,013	0,114	FALSE
0,059	0,291	0,003	0,011	0,091	FALSE
-0,010	0,277	0,000	0,012	0,004	FALSE
-0,018	0,294	0,001	0,011	0,040	FALSE
0,063	0,291	0,002	0,017	0,034	FALSE
0,034	0,285	0,003	0,016	0,059	FALSE
-0,134	0,280	-0,006	0,015	0,164	FALSE
-0,130	0,287	-0,007	0,015	0,186	FALSE
-0,155	0,285	-0,008	0,016	0,220	FALSE
0,040	0,292	0,003	0,017	0,075	FALSE
-0,077	0,284	-0,004	0,012	0,128	FALSE

0,191	0,282	0,005	0,010	0,187	FALSE
0,012	0,276	-0,001	0,010	0,023	FALSE
-0,010	0,271	-0,002	0,010	0,088	FALSE
0,124	0,285	0,005	0,011	0,166	FALSE
0,072	0,284	0,001	0,011	0,044	FALSE
0,084	0,262	0,002	0,011	0,064	FALSE
-0,067	0,266	-0,006	0,013	0,178	FALSE
0,085	0,269	0,002	0,008	0,117	FALSE
-0,281	0,256	-0,018	0,016	0,561	FALSE
0,140	0,284	0,006	0,011	0,236	FALSE
0,361	0,254	0,016	0,014	0,616	FALSE
0,348	0,255	0,016	0,014	0,599	FALSE
0,368	0,253	0,016	0,013	0,658	FALSE
-0,276	0,275	-0,019	0,017	0,554	FALSE
-0,049	0,281	-0,003	0,017	0,056	FALSE
-0,065	0,287	0,000	0,009	0,010	FALSE
-0,032	0,290	0,000	0,011	0,003	FALSE
0,102	0,301	0,005	0,017	0,099	FALSE
-0,110	0,275	-0,007	0,016	0,188	FALSE
0,078	0,277	0,002	0,008	0,099	FALSE
0,098	0,283	0,006	0,016	0,149	FALSE
-0,267	0,282	-0,009	0,011	0,393	FALSE
0,082	0,274	0,002	0,016	0,046	FALSE
0,209	0,280	0,008	0,012	0,277	FALSE
0,075	0,257	0,004	0,017	0,084	FALSE
0,009	0,283	0,002	0,014	0,049	FALSE
0,036	0,275	0,002	0,018	0,045	FALSE
0,002	0,295	0,001	0,013	0,028	FALSE
-0,097	0,285	-0,003	0,011	0,109	FALSE
0,062	0,295	0,002	0,014	0,061	FALSE
0,014	0,276	0,000	0,009	0,000	FALSE
0,030	0,292	0,000	0,013	0,004	FALSE
0,109	0,282	0,003	0,010	0,122	FALSE
-0,147	0,291	-0,005	0,010	0,204	FALSE
0,032	0,299	0,002	0,010	0,074	FALSE
0,000	0,274	0,002	0,011	0,059	FALSE
-0,017	0,277	0,003	0,013	0,075	FALSE
-0,025	0,287	0,000	0,014	0,008	FALSE
-0,018	0,296	0,000	0,015	0,005	FALSE
-0,070	0,280	-0,002	0,015	0,049	FALSE
-0,280	0,275	-0,011	0,012	0,442	FALSE
-0,075	0,282	-0,002	0,009	0,085	FALSE
0,129	0,284	0,005	0,016	0,131	FALSE
-0,169	0,274	-0,005	0,013	0,150	FALSE
0,134	0,282	0,004	0,011	0,146	FALSE
0,060	0,270	0,002	0,014	0,046	FALSE
0,077	0,294	0,005	0,017	0,126	FALSE
-0,067	0,285	-0,003	0,011	0,098	FALSE
-0,036	0,292	-0,003	0,017	0,076	FALSE
0,208	0,292	0,012	0,017	0,311	FALSE
0,007	0,269	0,001	0,017	0,014	FALSE
0,035	0,276	0,001	0,009	0,024	FALSE
0,062	0,291	0,001	0,009	0,035	FALSE

0,155	0,280	0,006	0,010	0,278	FALSE
0,005	0,292	0,000	0,014	0,008	FALSE
0,048	0,286	0,003	0,012	0,096	FALSE
-0,077	0,268	-0,003	0,010	0,125	FALSE
0,037	0,286	0,003	0,018	0,062	FALSE
-0,085	0,291	-0,004	0,011	0,126	FALSE
0,089	0,281	0,003	0,010	0,113	FALSE
0,176	0,278	0,006	0,015	0,153	FALSE
0,235	0,258	0,010	0,016	0,269	FALSE
-0,077	0,278	-0,003	0,015	0,088	FALSE
0,047	0,288	0,003	0,012	0,103	FALSE
-0,211	0,281	-0,007	0,009	0,329	FALSE
0,166	0,285	0,006	0,011	0,261	FALSE
0,060	0,291	0,003	0,010	0,107	FALSE
0,028	0,285	0,001	0,012	0,019	FALSE
-0,034	0,295	-0,003	0,015	0,062	FALSE
0,001	0,296	-0,001	0,015	0,022	FALSE
0,027	0,290	0,000	0,013	0,001	FALSE
-0,039	0,288	-0,002	0,017	0,053	FALSE
0,114	0,273	0,005	0,013	0,175	FALSE
-0,055	0,285	-0,001	0,009	0,040	FALSE
0,110	0,303	0,005	0,014	0,131	FALSE
0,085	0,278	0,003	0,013	0,101	FALSE
0,022	0,300	0,001	0,018	0,013	FALSE
-0,055	0,285	-0,004	0,016	0,105	FALSE
0,002	0,287	0,001	0,010	0,035	FALSE
-0,103	0,281	-0,004	0,014	0,130	FALSE
0,009	0,295	0,001	0,015	0,031	FALSE
-0,087	0,280	-0,005	0,016	0,114	FALSE
-0,094	0,274	-0,005	0,016	0,131	FALSE
-0,080	0,280	-0,004	0,016	0,094	FALSE
-0,194	0,275	-0,006	0,011	0,226	FALSE
0,107	0,271	0,002	0,010	0,067	FALSE
-0,038	0,277	0,000	0,012	0,009	FALSE
-0,077	0,292	-0,004	0,016	0,092	FALSE
0,041	0,290	0,002	0,009	0,074	FALSE
-0,055	0,283	-0,005	0,018	0,107	FALSE
0,160	0,289	0,005	0,011	0,174	FALSE
0,019	0,275	0,001	0,015	0,019	FALSE
-0,142	0,275	-0,011	0,017	0,276	FALSE
0,272	0,274	0,014	0,015	0,445	FALSE
-0,143	0,275	-0,006	0,010	0,247	FALSE
0,034	0,296	0,002	0,015	0,039	FALSE
-0,132	0,284	-0,004	0,009	0,166	FALSE
-0,059	0,288	-0,003	0,011	0,118	FALSE
-0,016	0,283	0,001	0,013	0,014	FALSE
0,015	0,267	-0,001	0,015	0,032	FALSE
-0,007	0,272	0,000	0,010	0,015	FALSE
0,007	0,273	0,001	0,009	0,043	FALSE
-0,119	0,285	-0,004	0,011	0,125	FALSE
-0,109	0,288	-0,008	0,015	0,211	FALSE
-0,098	0,277	-0,007	0,014	0,190	FALSE
-0,213	0,271	-0,007	0,010	0,331	FALSE

-0,085	0,272	-0,004	0,015	0,108	FALSE
0,020	0,291	0,000	0,015	0,011	FALSE
0,068	0,286	0,002	0,014	0,063	FALSE
-0,195	0,270	-0,006	0,011	0,241	FALSE
-0,086	0,289	-0,001	0,010	0,021	FALSE
0,048	0,285	0,002	0,015	0,038	FALSE
0,046	0,288	0,002	0,016	0,034	FALSE
0,130	0,292	0,007	0,016	0,186	FALSE
0,067	0,271	0,003	0,013	0,073	FALSE
0,020	0,293	0,002	0,009	0,072	FALSE
0,062	0,287	0,002	0,009	0,072	FALSE
0,058	0,304	0,003	0,016	0,072	FALSE
-0,005	0,274	-0,001	0,017	0,021	FALSE
-0,057	0,302	-0,002	0,018	0,033	FALSE
0,068	0,281	0,004	0,016	0,106	FALSE
0,086	0,292	0,006	0,016	0,136	FALSE
0,017	0,271	0,002	0,015	0,039	FALSE
-0,053	0,285	-0,002	0,012	0,063	FALSE
0,019	0,264	0,002	0,017	0,035	FALSE
0,170	0,285	0,005	0,010	0,222	FALSE
-0,083	0,261	-0,007	0,017	0,172	FALSE
0,036	0,284	-0,001	0,017	0,013	FALSE
0,064	0,296	0,002	0,012	0,055	FALSE
-0,186	0,273	-0,006	0,012	0,220	FALSE
-0,030	0,291	0,000	0,010	0,016	FALSE
0,037	0,297	0,002	0,010	0,070	FALSE
0,048	0,286	0,002	0,013	0,047	FALSE
-0,091	0,280	-0,004	0,014	0,122	FALSE
-0,207	0,274	-0,006	0,008	0,298	FALSE
0,000	0,286	0,000	0,013	0,013	FALSE
0,085	0,276	0,005	0,017	0,105	FALSE
0,012	0,271	0,000	0,017	0,004	FALSE
0,110	0,280	0,004	0,009	0,150	FALSE
-0,043	0,295	-0,002	0,014	0,052	FALSE
-0,112	0,291	-0,003	0,009	0,139	FALSE
-0,094	0,296	-0,004	0,010	0,182	FALSE
0,047	0,298	0,003	0,017	0,067	FALSE
-0,032	0,287	-0,002	0,011	0,083	FALSE
0,014	0,271	-0,001	0,014	0,021	FALSE
-0,064	0,274	-0,004	0,015	0,107	FALSE
-0,026	0,285	0,001	0,009	0,049	FALSE
0,059	0,278	0,002	0,014	0,061	FALSE
-0,102	0,284	-0,002	0,008	0,103	FALSE
0,055	0,285	0,001	0,016	0,013	FALSE
-0,110	0,279	-0,008	0,017	0,194	FALSE
0,189	0,290	0,012	0,018	0,308	FALSE
0,043	0,273	0,002	0,013	0,062	FALSE
0,005	0,283	0,000	0,010	0,012	FALSE
-0,082	0,280	-0,004	0,014	0,112	FALSE
-0,026	0,271	-0,003	0,012	0,088	FALSE
-0,091	0,271	-0,006	0,014	0,166	FALSE
-0,012	0,291	0,000	0,013	0,006	FALSE
0,002	0,273	0,001	0,016	0,016	FALSE

0,009	0,284	0,003	0,013	0,088	FALSE
0,004	0,284	0,000	0,014	0,001	FALSE
0,072	0,281	0,004	0,017	0,079	FALSE
-0,059	0,282	-0,002	0,010	0,055	FALSE
0,087	0,290	0,005	0,017	0,128	FALSE
0,043	0,281	0,003	0,011	0,121	FALSE
0,010	0,287	0,000	0,015	0,007	FALSE
0,086	0,277	0,003	0,010	0,097	FALSE
0,000	0,297	0,001	0,013	0,032	FALSE
-0,086	0,289	-0,004	0,013	0,105	FALSE
-0,059	0,284	0,001	0,014	0,023	FALSE
-0,084	0,271	-0,001	0,013	0,023	FALSE
0,017	0,277	0,002	0,009	0,079	FALSE
-0,112	0,283	-0,004	0,010	0,173	FALSE
0,129	0,291	0,008	0,017	0,201	FALSE
0,143	0,271	0,003	0,012	0,117	FALSE
0,140	0,302	0,008	0,015	0,206	FALSE
-0,026	0,296	-0,001	0,012	0,037	FALSE
0,128	0,283	0,004	0,009	0,174	FALSE
-0,037	0,282	-0,004	0,015	0,095	FALSE
-0,202	0,268	-0,010	0,017	0,261	FALSE
-0,039	0,290	-0,002	0,010	0,068	FALSE
0,029	0,293	0,001	0,017	0,014	FALSE
-0,143	0,288	-0,006	0,014	0,173	FALSE
0,141	0,283	0,005	0,012	0,184	FALSE
0,036	0,274	-0,001	0,014	0,021	FALSE
0,034	0,289	0,002	0,012	0,072	FALSE
-0,080	0,287	-0,001	0,009	0,057	FALSE
0,000	0,293	0,001	0,009	0,023	FALSE
0,066	0,286	0,004	0,017	0,086	FALSE
0,064	0,294	0,003	0,010	0,109	FALSE
0,044	0,288	0,002	0,009	0,098	FALSE
0,038	0,294	0,001	0,014	0,023	FALSE
0,047	0,290	0,002	0,014	0,054	FALSE
-0,072	0,285	-0,001	0,013	0,037	FALSE
0,080	0,278	0,005	0,014	0,150	FALSE
0,134	0,272	0,008	0,016	0,218	FALSE
0,098	0,265	0,006	0,016	0,162	FALSE
0,031	0,280	0,003	0,016	0,065	FALSE
0,001	0,284	0,000	0,016	0,008	FALSE
-0,073	0,287	-0,003	0,009	0,128	FALSE
0,102	0,287	0,003	0,017	0,061	FALSE
-0,065	0,270	-0,004	0,011	0,133	FALSE
0,184	0,280	0,004	0,008	0,185	FALSE
0,073	0,286	0,002	0,011	0,083	FALSE
-0,068	0,279	-0,001	0,008	0,039	FALSE
-0,101	0,278	-0,003	0,011	0,126	FALSE
0,036	0,287	0,001	0,009	0,056	FALSE
0,032	0,283	0,003	0,011	0,102	FALSE
0,150	0,284	0,007	0,014	0,226	FALSE
0,138	0,282	0,008	0,017	0,184	FALSE
0,102	0,287	0,005	0,017	0,119	FALSE
0,019	0,270	0,001	0,011	0,024	FALSE

0,050	0,272	0,001	0,012	0,042	FALSE
-0,045	0,274	-0,002	0,015	0,038	FALSE
0,079	0,280	0,003	0,016	0,060	FALSE
-0,045	0,288	-0,001	0,008	0,061	FALSE
-0,101	0,281	-0,003	0,009	0,113	FALSE
-0,085	0,273	-0,003	0,017	0,066	FALSE
0,069	0,278	0,001	0,014	0,033	FALSE
-0,011	0,279	-0,002	0,012	0,060	FALSE
0,021	0,296	0,003	0,018	0,055	FALSE
0,004	0,291	0,000	0,011	0,006	FALSE
-0,082	0,294	-0,003	0,017	0,065	FALSE
-0,071	0,272	-0,003	0,008	0,152	FALSE
-0,110	0,278	-0,007	0,017	0,155	FALSE
0,121	0,303	0,004	0,011	0,137	FALSE
-0,135	0,281	-0,004	0,009	0,167	FALSE
-0,113	0,287	-0,004	0,011	0,138	FALSE
-0,073	0,282	-0,002	0,010	0,090	FALSE
0,008	0,290	0,001	0,010	0,047	FALSE
0,138	0,280	0,006	0,018	0,124	FALSE
-0,004	0,287	-0,001	0,012	0,020	FALSE
0,086	0,286	0,003	0,010	0,128	FALSE
0,039	0,279	0,002	0,015	0,054	FALSE
0,086	0,285	0,005	0,011	0,204	FALSE
0,114	0,279	0,005	0,016	0,114	FALSE
0,121	0,279	0,004	0,017	0,080	FALSE
0,105	0,294	0,005	0,018	0,100	FALSE
0,059	0,275	0,005	0,018	0,106	FALSE
-0,046	0,284	-0,003	0,014	0,089	FALSE
-0,031	0,294	-0,003	0,017	0,067	FALSE
0,080	0,282	0,004	0,017	0,102	FALSE
0,074	0,268	0,001	0,013	0,023	FALSE
0,081	0,298	0,004	0,017	0,082	FALSE
0,239	0,277	0,007	0,009	0,360	FALSE
-0,014	0,277	-0,001	0,012	0,024	FALSE
0,186	0,260	0,005	0,011	0,205	FALSE
-0,047	0,279	-0,002	0,017	0,041	FALSE
0,068	0,277	0,002	0,018	0,047	FALSE
0,078	0,288	0,003	0,018	0,053	FALSE
0,230	0,270	0,006	0,009	0,322	FALSE
-0,232	0,268	-0,013	0,018	0,329	FALSE
0,016	0,281	0,000	0,011	0,016	FALSE
-0,167	0,290	-0,010	0,017	0,250	FALSE
-0,063	0,282	-0,001	0,011	0,036	FALSE
-0,008	0,281	-0,001	0,010	0,022	FALSE
-0,069	0,295	-0,004	0,017	0,098	FALSE
0,000	0,284	-0,002	0,015	0,037	FALSE
0,165	0,276	0,004	0,009	0,197	FALSE
0,042	0,268	0,002	0,016	0,047	FALSE
-0,020	0,263	-0,002	0,016	0,039	FALSE
-0,228	0,280	-0,011	0,017	0,303	FALSE
0,195	0,283	0,007	0,011	0,281	FALSE
0,046	0,287	0,002	0,010	0,079	FALSE
0,044	0,293	0,001	0,009	0,055	FALSE

0,076	0,287	0,004	0,010	0,146	FALSE
-0,037	0,280	0,002	0,017	0,048	FALSE
-0,054	0,286	0,000	0,017	0,010	FALSE
-0,076	0,283	-0,001	0,013	0,029	FALSE
-0,038	0,297	0,001	0,013	0,020	FALSE
0,196	0,281	0,006	0,009	0,284	FALSE
-0,082	0,270	-0,003	0,013	0,092	FALSE
-0,045	0,284	-0,003	0,013	0,077	FALSE
-0,075	0,290	-0,003	0,011	0,095	FALSE
-0,141	0,280	-0,005	0,015	0,122	FALSE
0,115	0,273	0,003	0,015	0,080	FALSE
0,174	0,274	0,007	0,013	0,251	FALSE
0,050	0,289	0,000	0,016	0,006	FALSE
-0,176	0,267	-0,007	0,011	0,307	FALSE
-0,203	0,279	-0,010	0,017	0,258	FALSE
0,081	0,273	0,002	0,009	0,101	FALSE
-0,005	0,304	-0,003	0,018	0,056	FALSE
0,059	0,283	0,002	0,011	0,082	FALSE
0,061	0,285	0,004	0,015	0,095	FALSE
0,079	0,301	0,005	0,015	0,116	FALSE
0,048	0,282	0,003	0,014	0,086	FALSE
0,020	0,285	0,004	0,013	0,113	FALSE
-0,036	0,280	0,000	0,012	0,009	FALSE
-0,107	0,270	-0,003	0,008	0,126	FALSE
-0,083	0,271	-0,006	0,017	0,130	FALSE
-0,170	0,271	-0,010	0,017	0,242	FALSE
-0,116	0,278	-0,002	0,009	0,098	FALSE
0,197	0,261	0,009	0,013	0,309	FALSE
-0,137	0,290	-0,008	0,016	0,224	FALSE
-0,120	0,294	-0,006	0,015	0,151	FALSE
-0,038	0,284	-0,002	0,014	0,059	FALSE
0,016	0,280	0,003	0,014	0,088	FALSE
-0,013	0,281	-0,002	0,014	0,043	FALSE
-0,196	0,290	-0,008	0,013	0,264	FALSE
0,075	0,281	0,003	0,014	0,087	FALSE
-0,198	0,283	-0,008	0,011	0,340	FALSE
0,060	0,289	0,002	0,016	0,049	FALSE
0,086	0,300	0,003	0,017	0,066	FALSE
0,237	0,276	0,012	0,014	0,401	FALSE
0,205	0,275	0,006	0,010	0,272	FALSE
-0,212	0,278	-0,008	0,015	0,232	FALSE
-0,150	0,282	-0,005	0,014	0,128	FALSE
0,275	0,266	0,012	0,015	0,369	FALSE
0,199	0,256	0,007	0,010	0,336	FALSE
0,182	0,247	0,008	0,011	0,329	FALSE
0,081	0,276	0,006	0,017	0,135	FALSE
0,046	0,298	0,000	0,013	0,013	FALSE
0,105	0,276	0,002	0,016	0,057	FALSE
0,056	0,282	0,000	0,013	0,003	FALSE
0,038	0,287	0,000	0,013	0,011	FALSE
0,023	0,292	-0,002	0,014	0,043	FALSE
0,050	0,284	0,000	0,013	0,008	FALSE
0,031	0,282	-0,001	0,013	0,025	FALSE

0,051	0,285	-0,001	0,013	0,014	FALSE
-0,124	0,262	-0,006	0,016	0,138	FALSE
-0,071	0,281	-0,002	0,008	0,075	FALSE
-0,085	0,292	-0,002	0,009	0,094	FALSE
-0,037	0,293	-0,001	0,011	0,031	FALSE
-0,008	0,285	0,000	0,010	0,014	FALSE
-0,055	0,290	-0,001	0,010	0,048	FALSE
-0,008	0,275	0,000	0,011	0,008	FALSE
-0,107	0,286	-0,003	0,009	0,123	FALSE
-0,106	0,281	-0,002	0,008	0,100	FALSE
0,081	0,290	0,003	0,009	0,118	FALSE
-0,188	0,283	-0,006	0,010	0,226	FALSE
-0,179	0,263	-0,009	0,016	0,221	FALSE
0,012	0,285	0,003	0,013	0,079	FALSE
0,261	0,252	0,008	0,013	0,270	FALSE
-0,170	0,294	-0,008	0,016	0,221	FALSE
0,139	0,272	0,003	0,013	0,080	FALSE
0,082	0,266	0,000	0,013	0,002	FALSE
-0,034	0,285	0,000	0,016	0,010	FALSE
0,147	0,272	0,004	0,013	0,134	FALSE
0,054	0,273	0,002	0,016	0,046	FALSE
-0,047	0,287	-0,001	0,017	0,011	FALSE
-0,070	0,295	-0,002	0,018	0,036	FALSE
-0,020	0,291	0,001	0,018	0,025	FALSE
-0,064	0,287	-0,001	0,009	0,040	FALSE
-0,067	0,281	-0,001	0,009	0,050	FALSE
0,130	0,273	0,006	0,014	0,187	FALSE
0,038	0,288	0,001	0,015	0,025	FALSE
0,061	0,305	0,003	0,011	0,095	FALSE
-0,066	0,300	-0,001	0,009	0,026	FALSE
-0,141	0,286	-0,007	0,015	0,181	FALSE
-0,135	0,282	-0,004	0,011	0,170	FALSE
-0,150	0,281	-0,005	0,010	0,188	FALSE
0,022	0,288	0,000	0,012	0,007	FALSE
-0,065	0,289	-0,005	0,017	0,116	FALSE
-0,100	0,294	-0,005	0,014	0,157	FALSE
0,058	0,297	0,003	0,009	0,136	FALSE
-0,156	0,294	-0,004	0,010	0,159	FALSE
-0,018	0,285	-0,002	0,009	0,077	FALSE
0,033	0,285	0,000	0,015	0,012	FALSE
0,104	0,277	0,003	0,010	0,115	FALSE
0,192	0,262	0,009	0,017	0,224	FALSE
0,065	0,272	0,003	0,010	0,104	FALSE
-0,166	0,278	-0,009	0,017	0,227	FALSE
-0,056	0,281	0,000	0,009	0,006	FALSE
0,028	0,275	0,001	0,015	0,032	FALSE
0,005	0,296	0,000	0,012	0,012	FALSE
-0,125	0,288	-0,005	0,011	0,168	FALSE
0,077	0,288	0,003	0,011	0,106	FALSE
-0,002	0,285	-0,002	0,017	0,034	FALSE
-0,010	0,271	-0,003	0,015	0,078	FALSE
0,210	0,280	0,006	0,012	0,237	FALSE
0,175	0,283	0,008	0,018	0,196	FALSE

-0,078	0,295	-0,003	0,016	0,072	FALSE
-0,026	0,280	-0,001	0,009	0,023	FALSE
-0,065	0,287	-0,002	0,012	0,066	FALSE
-0,042	0,292	-0,002	0,009	0,064	FALSE
-0,030	0,279	-0,001	0,014	0,026	FALSE
0,052	0,281	0,002	0,010	0,063	FALSE
0,166	0,292	0,007	0,018	0,167	FALSE
0,049	0,296	0,003	0,014	0,069	FALSE
0,075	0,285	0,003	0,014	0,093	FALSE
0,088	0,285	0,004	0,014	0,115	FALSE
0,028	0,293	0,000	0,013	0,004	FALSE
0,184	0,276	0,005	0,011	0,178	FALSE
-0,119	0,277	-0,007	0,017	0,172	FALSE
-0,156	0,290	-0,005	0,014	0,153	FALSE
-0,017	0,295	0,000	0,010	0,006	FALSE
0,058	0,290	0,001	0,014	0,039	FALSE
0,112	0,290	0,008	0,017	0,188	FALSE
0,007	0,291	-0,001	0,016	0,028	FALSE
-0,002	0,281	0,000	0,011	0,015	FALSE
-0,027	0,288	-0,001	0,009	0,030	FALSE
-0,088	0,290	-0,003	0,009	0,151	FALSE
0,083	0,284	0,005	0,018	0,104	FALSE
0,074	0,288	0,003	0,012	0,111	FALSE
0,104	0,281	0,005	0,016	0,120	FALSE
-0,170	0,281	-0,008	0,014	0,224	FALSE
-0,086	0,297	-0,006	0,017	0,133	FALSE
0,092	0,304	0,004	0,012	0,135	FALSE
0,066	0,283	0,002	0,009	0,063	FALSE
-0,046	0,293	-0,001	0,009	0,050	FALSE
-0,008	0,281	0,000	0,013	0,000	FALSE
-0,092	0,274	-0,005	0,010	0,188	FALSE
-0,047	0,270	-0,002	0,012	0,054	FALSE
0,152	0,281	0,008	0,012	0,315	FALSE
0,164	0,281	0,009	0,012	0,342	FALSE
0,062	0,282	0,002	0,009	0,095	FALSE
-0,068	0,272	-0,001	0,011	0,017	FALSE
-0,228	0,279	-0,007	0,009	0,392	FALSE
-0,134	0,292	-0,003	0,012	0,085	FALSE
-0,108	0,273	-0,005	0,011	0,202	FALSE
0,005	0,302	0,003	0,012	0,087	FALSE
-0,096	0,271	-0,005	0,013	0,158	FALSE
0,074	0,285	0,003	0,013	0,078	FALSE
0,115	0,286	0,003	0,016	0,077	FALSE
0,028	0,289	0,003	0,013	0,077	FALSE
0,004	0,287	0,000	0,010	0,018	FALSE
-0,114	0,287	-0,009	0,017	0,212	FALSE
-0,006	0,300	0,000	0,011	0,000	FALSE
-0,047	0,285	-0,001	0,014	0,027	FALSE
0,063	0,287	0,002	0,010	0,088	FALSE
0,243	0,269	0,007	0,011	0,293	FALSE
-0,054	0,295	0,000	0,016	0,006	FALSE
-0,044	0,290	-0,001	0,008	0,056	FALSE
-0,015	0,295	-0,001	0,017	0,023	FALSE

0,015	0,269	0,000	0,015	0,009	FALSE
-0,029	0,288	0,000	0,009	0,006	FALSE
0,075	0,291	0,002	0,009	0,068	FALSE
-0,015	0,284	0,001	0,013	0,015	FALSE
-0,158	0,287	-0,006	0,010	0,239	FALSE
-0,031	0,291	-0,001	0,015	0,033	FALSE
-0,052	0,272	-0,004	0,014	0,111	FALSE
-0,077	0,270	-0,002	0,014	0,054	FALSE
-0,092	0,286	-0,005	0,015	0,143	FALSE
0,010	0,273	0,002	0,015	0,040	FALSE
-0,044	0,283	-0,004	0,013	0,119	FALSE
0,029	0,290	0,000	0,017	0,004	FALSE
0,047	0,283	0,001	0,009	0,049	FALSE
-0,004	0,283	-0,001	0,010	0,048	FALSE
0,026	0,294	0,001	0,012	0,020	FALSE
-0,030	0,286	-0,001	0,009	0,049	FALSE
-0,123	0,282	-0,009	0,017	0,217	FALSE
-0,017	0,277	0,001	0,010	0,045	FALSE
0,154	0,273	0,009	0,016	0,239	FALSE
0,202	0,276	0,005	0,010	0,227	FALSE
0,093	0,278	0,003	0,009	0,138	FALSE
-0,017	0,269	-0,001	0,012	0,020	FALSE
-0,104	0,278	-0,003	0,011	0,127	FALSE
-0,012	0,286	-0,001	0,010	0,019	FALSE
0,003	0,286	0,000	0,011	0,008	FALSE
0,060	0,279	0,002	0,009	0,075	FALSE
0,093	0,270	0,003	0,015	0,065	FALSE
0,003	0,282	0,001	0,013	0,039	FALSE
-0,136	0,293	-0,007	0,016	0,168	FALSE
-0,086	0,292	-0,004	0,013	0,116	FALSE
0,009	0,295	-0,001	0,011	0,028	FALSE
0,028	0,263	-0,001	0,009	0,051	FALSE
0,175	0,282	0,006	0,013	0,177	FALSE
0,145	0,274	0,005	0,013	0,167	FALSE
0,186	0,276	0,008	0,014	0,245	FALSE
-0,102	0,282	-0,004	0,013	0,108	FALSE
0,112	0,261	0,005	0,016	0,119	FALSE
0,111	0,284	0,004	0,011	0,136	FALSE
-0,110	0,277	-0,008	0,017	0,200	FALSE
0,003	0,289	-0,001	0,016	0,024	FALSE
-0,117	0,274	-0,007	0,017	0,160	FALSE
-0,140	0,305	-0,008	0,018	0,170	FALSE
-0,092	0,274	-0,002	0,010	0,055	FALSE
0,081	0,276	0,003	0,008	0,161	FALSE
0,004	0,287	0,000	0,014	0,001	FALSE
0,106	0,274	0,006	0,018	0,140	FALSE
-0,002	0,283	0,001	0,017	0,015	FALSE
0,033	0,280	0,001	0,012	0,018	FALSE
-0,260	0,269	-0,014	0,015	0,465	FALSE
-0,144	0,300	-0,006	0,012	0,197	FALSE
-0,068	0,282	-0,004	0,016	0,093	FALSE
-0,055	0,284	-0,003	0,017	0,077	FALSE
-0,041	0,292	-0,002	0,017	0,042	FALSE

-0,068	0,291	-0,004	0,017	0,089	FALSE
-0,061	0,266	-0,003	0,017	0,078	FALSE
0,145	0,285	0,004	0,009	0,195	FALSE
0,256	0,278	0,010	0,011	0,417	TRUE
0,205	0,274	0,010	0,011	0,426	FALSE
-0,009	0,277	-0,001	0,009	0,027	FALSE
-0,052	0,290	0,000	0,014	0,002	FALSE
-0,021	0,292	-0,002	0,015	0,050	FALSE
0,077	0,294	0,007	0,018	0,168	FALSE
0,095	0,271	0,007	0,016	0,189	FALSE
0,084	0,291	0,007	0,018	0,157	FALSE
0,024	0,285	0,003	0,015	0,067	FALSE
0,100	0,300	0,005	0,013	0,150	FALSE
0,080	0,275	0,005	0,014	0,134	FALSE
-0,056	0,296	-0,002	0,016	0,040	FALSE
0,207	0,282	0,006	0,012	0,230	FALSE
-0,006	0,288	-0,001	0,009	0,040	FALSE
-0,015	0,292	-0,002	0,009	0,073	FALSE
-0,035	0,300	-0,001	0,018	0,019	FALSE
0,062	0,289	0,003	0,009	0,123	FALSE
-0,028	0,297	-0,001	0,012	0,017	FALSE
-0,048	0,292	-0,002	0,010	0,061	FALSE
0,181	0,277	0,009	0,013	0,298	FALSE
-0,014	0,285	0,000	0,009	0,018	FALSE
0,081	0,285	0,005	0,014	0,123	FALSE
0,153	0,291	0,007	0,013	0,230	FALSE
0,051	0,286	0,004	0,012	0,151	FALSE
0,160	0,292	0,008	0,013	0,254	FALSE
0,174	0,286	0,008	0,012	0,314	FALSE
-0,077	0,286	-0,004	0,017	0,099	FALSE
0,005	0,294	0,000	0,015	0,001	FALSE
-0,017	0,304	-0,002	0,019	0,043	FALSE
-0,056	0,290	0,000	0,015	0,009	FALSE
-0,096	0,291	-0,004	0,015	0,114	FALSE
0,006	0,306	-0,001	0,018	0,019	FALSE
-0,025	0,288	-0,003	0,017	0,057	FALSE
-0,014	0,302	-0,002	0,017	0,042	FALSE
-0,112	0,280	-0,004	0,012	0,151	FALSE
0,071	0,292	0,003	0,011	0,087	FALSE
0,128	0,273	0,007	0,013	0,219	FALSE
-0,119	0,273	-0,008	0,015	0,224	FALSE
0,081	0,278	0,003	0,009	0,160	FALSE
0,078	0,268	0,003	0,013	0,100	FALSE
0,063	0,277	0,004	0,017	0,082	FALSE
0,032	0,285	0,002	0,013	0,046	FALSE
-0,270	0,274	-0,014	0,013	0,508	FALSE
0,247	0,285	0,009	0,011	0,365	FALSE
-0,068	0,290	-0,001	0,015	0,031	FALSE
-0,035	0,269	-0,007	0,016	0,169	FALSE
0,196	0,268	0,011	0,014	0,344	FALSE
0,080	0,297	0,005	0,015	0,131	FALSE
0,002	0,278	-0,001	0,012	0,033	FALSE
-0,062	0,276	-0,001	0,012	0,026	FALSE

-0,032	0,289	0,000	0,012	0,013	FALSE
0,008	0,294	0,001	0,010	0,020	FALSE
0,035	0,291	0,002	0,013	0,049	FALSE
0,069	0,274	0,003	0,012	0,107	FALSE
0,068	0,280	0,003	0,012	0,087	FALSE
0,033	0,279	0,001	0,014	0,018	FALSE
0,146	0,287	0,008	0,012	0,319	FALSE
-0,060	0,290	-0,002	0,013	0,055	FALSE
0,055	0,281	0,002	0,010	0,066	FALSE
0,027	0,287	0,000	0,009	0,004	FALSE
-0,020	0,295	-0,001	0,010	0,029	FALSE
0,102	0,291	0,005	0,011	0,185	FALSE
-0,152	0,276	-0,004	0,009	0,215	FALSE
-0,111	0,272	-0,004	0,010	0,184	FALSE
0,120	0,270	0,003	0,010	0,131	FALSE
-0,132	0,277	-0,005	0,011	0,207	FALSE
-0,075	0,279	-0,003	0,010	0,099	FALSE
-0,024	0,285	0,001	0,010	0,044	FALSE
-0,024	0,285	-0,001	0,009	0,057	FALSE
0,066	0,285	0,005	0,016	0,123	FALSE
0,131	0,285	0,007	0,013	0,236	FALSE
-0,084	0,288	-0,008	0,018	0,178	FALSE
0,007	0,286	0,002	0,011	0,068	FALSE
0,036	0,274	0,001	0,011	0,036	FALSE
-0,099	0,285	-0,004	0,010	0,135	FALSE
-0,218	0,293	-0,006	0,009	0,265	FALSE
-0,149	0,285	-0,005	0,009	0,208	FALSE
0,185	0,281	0,004	0,009	0,202	FALSE
0,023	0,298	0,001	0,010	0,024	FALSE
-0,137	0,272	-0,003	0,012	0,094	FALSE
0,009	0,292	-0,001	0,017	0,023	FALSE
0,017	0,290	0,004	0,017	0,102	FALSE
-0,067	0,290	-0,004	0,016	0,102	FALSE
-0,049	0,294	-0,002	0,017	0,046	FALSE
-0,164	0,268	-0,008	0,017	0,201	FALSE
0,114	0,262	0,008	0,013	0,257	FALSE
0,149	0,277	0,009	0,016	0,242	FALSE
0,202	0,275	0,005	0,011	0,206	FALSE
0,254	0,261	0,012	0,017	0,347	FALSE
0,126	0,280	0,002	0,011	0,082	FALSE
-0,011	0,292	-0,001	0,010	0,034	FALSE
0,031	0,292	0,000	0,017	0,004	FALSE
0,107	0,267	0,006	0,016	0,148	FALSE
0,112	0,276	0,006	0,016	0,156	FALSE
0,025	0,286	0,002	0,012	0,061	FALSE
-0,039	0,276	0,000	0,010	0,013	FALSE
-0,051	0,294	-0,002	0,014	0,058	FALSE
0,110	0,267	0,002	0,010	0,081	FALSE
0,013	0,295	0,001	0,013	0,032	FALSE
0,031	0,288	0,003	0,013	0,089	FALSE
-0,020	0,288	-0,001	0,012	0,025	FALSE
0,042	0,265	0,001	0,009	0,023	FALSE
0,042	0,280	0,001	0,010	0,039	FALSE

-0,044	0,293	-0,001	0,013	0,031	FALSE
-0,177	0,284	-0,005	0,010	0,214	FALSE
-0,066	0,284	-0,001	0,010	0,026	FALSE
0,054	0,273	0,003	0,008	0,159	FALSE
0,138	0,284	0,004	0,009	0,173	FALSE
-0,078	0,290	-0,005	0,013	0,159	FALSE
-0,223	0,282	-0,013	0,018	0,347	FALSE
-0,031	0,286	0,000	0,015	0,001	FALSE
-0,031	0,306	0,000	0,016	0,005	FALSE
0,017	0,291	0,000	0,011	0,013	FALSE
-0,057	0,291	-0,006	0,018	0,122	FALSE
0,169	0,271	0,007	0,011	0,291	FALSE
-0,045	0,296	-0,002	0,012	0,061	FALSE
-0,085	0,297	-0,004	0,015	0,116	FALSE
0,193	0,268	0,010	0,016	0,255	FALSE
-0,143	0,287	-0,004	0,011	0,154	FALSE
0,135	0,271	0,007	0,014	0,212	FALSE
-0,042	0,289	-0,001	0,009	0,022	FALSE
0,069	0,262	0,000	0,008	0,000	FALSE
0,075	0,284	0,002	0,010	0,083	FALSE
0,067	0,264	0,004	0,009	0,176	FALSE
-0,114	0,292	-0,004	0,010	0,144	FALSE
-0,040	0,282	0,000	0,012	0,005	FALSE
0,009	0,282	0,000	0,010	0,004	FALSE
0,094	0,272	0,003	0,014	0,069	FALSE
0,072	0,291	0,002	0,009	0,070	FALSE
0,138	0,259	0,007	0,014	0,187	FALSE
0,133	0,265	0,007	0,015	0,193	FALSE
0,055	0,277	0,003	0,014	0,082	FALSE
-0,037	0,291	-0,002	0,012	0,046	FALSE
-0,018	0,275	-0,001	0,016	0,031	FALSE
-0,120	0,287	-0,004	0,014	0,119	FALSE
0,034	0,295	0,000	0,018	0,004	FALSE
0,102	0,267	0,005	0,013	0,150	FALSE
0,144	0,268	0,004	0,008	0,174	FALSE
0,258	0,275	0,011	0,016	0,333	FALSE
-0,008	0,292	-0,001	0,011	0,029	FALSE
-0,139	0,295	-0,009	0,017	0,233	FALSE
0,245	0,275	0,016	0,018	0,429	FALSE
0,218	0,280	0,014	0,017	0,368	FALSE
0,130	0,278	0,007	0,013	0,216	FALSE
0,204	0,267	0,011	0,017	0,293	FALSE
0,150	0,286	0,008	0,017	0,188	FALSE
-0,006	0,266	0,001	0,008	0,033	FALSE
-0,137	0,266	-0,009	0,017	0,236	FALSE
0,115	0,270	0,003	0,010	0,112	FALSE
-0,096	0,274	-0,004	0,015	0,110	FALSE
-0,143	0,284	-0,009	0,018	0,193	FALSE
-0,131	0,280	-0,007	0,018	0,159	FALSE
-0,153	0,279	-0,009	0,018	0,203	FALSE
-0,112	0,271	-0,006	0,017	0,143	FALSE
0,274	0,265	0,012	0,013	0,462	FALSE
0,123	0,282	0,007	0,012	0,251	FALSE

-0,047	0,280	-0,004	0,013	0,104	FALSE
0,110	0,281	0,006	0,011	0,210	FALSE
-0,085	0,282	-0,004	0,015	0,094	FALSE
-0,097	0,282	-0,006	0,013	0,200	FALSE
-0,027	0,279	-0,003	0,017	0,066	FALSE
0,070	0,299	0,005	0,018	0,113	FALSE
0,118	0,290	0,004	0,009	0,199	FALSE
0,061	0,296	0,001	0,017	0,029	FALSE
0,109	0,273	0,002	0,008	0,088	FALSE
0,032	0,288	0,004	0,018	0,084	FALSE
-0,074	0,280	-0,002	0,011	0,070	FALSE
0,131	0,286	0,005	0,010	0,198	FALSE
-0,119	0,280	-0,003	0,010	0,115	FALSE
0,113	0,273	0,002	0,009	0,086	FALSE
-0,033	0,276	-0,001	0,015	0,018	FALSE
-0,063	0,286	-0,001	0,009	0,034	FALSE
-0,164	0,294	-0,005	0,009	0,199	FALSE
-0,091	0,267	-0,003	0,012	0,110	FALSE
-0,102	0,273	-0,003	0,012	0,105	FALSE
0,039	0,277	0,002	0,010	0,094	FALSE
0,081	0,291	0,005	0,015	0,120	FALSE
0,006	0,285	0,000	0,010	0,009	FALSE
0,067	0,281	0,003	0,012	0,113	FALSE
0,235	0,281	0,007	0,009	0,319	FALSE
-0,118	0,272	-0,005	0,009	0,250	FALSE
-0,002	0,297	0,000	0,017	0,004	FALSE
0,016	0,290	-0,001	0,016	0,022	FALSE
-0,095	0,286	-0,006	0,016	0,157	FALSE
0,095	0,279	0,002	0,009	0,081	FALSE
-0,138	0,282	-0,004	0,012	0,114	FALSE
0,099	0,281	0,005	0,017	0,120	FALSE
0,178	0,276	0,007	0,014	0,198	FALSE
-0,030	0,291	-0,001	0,012	0,039	FALSE
0,192	0,276	0,007	0,014	0,226	FALSE
0,183	0,273	0,007	0,011	0,275	FALSE
-0,056	0,285	-0,005	0,016	0,130	FALSE
0,036	0,274	0,001	0,013	0,032	FALSE
0,101	0,296	0,004	0,013	0,113	FALSE
0,050	0,293	0,003	0,010	0,113	FALSE
0,044	0,275	0,002	0,008	0,082	FALSE
-0,059	0,272	-0,002	0,011	0,087	FALSE
0,124	0,276	0,004	0,010	0,181	FALSE
-0,056	0,289	-0,001	0,017	0,024	FALSE
0,108	0,277	0,003	0,010	0,105	FALSE
-0,032	0,290	0,000	0,009	0,010	FALSE
-0,017	0,275	-0,001	0,009	0,032	FALSE
-0,177	0,269	-0,011	0,017	0,308	FALSE
-0,078	0,281	-0,003	0,013	0,103	FALSE
-0,115	0,285	-0,008	0,018	0,176	FALSE
-0,057	0,288	-0,002	0,011	0,053	FALSE
-0,085	0,281	-0,003	0,011	0,108	FALSE
-0,064	0,277	-0,002	0,017	0,047	FALSE
0,208	0,275	0,009	0,013	0,286	FALSE

0,150	0,279	0,009	0,017	0,233	FALSE
0,064	0,277	0,004	0,017	0,087	FALSE
-0,104	0,282	-0,003	0,011	0,115	FALSE
0,124	0,280	0,008	0,015	0,210	FALSE
0,132	0,284	0,005	0,014	0,131	FALSE
-0,076	0,268	-0,003	0,010	0,101	FALSE
-0,092	0,289	-0,001	0,009	0,047	FALSE
0,058	0,285	0,003	0,015	0,076	FALSE
0,049	0,284	0,002	0,015	0,058	FALSE
0,035	0,282	0,000	0,018	0,006	FALSE
-0,195	0,282	-0,009	0,012	0,327	FALSE
-0,241	0,264	-0,013	0,014	0,451	FALSE
-0,219	0,271	-0,012	0,015	0,371	FALSE
-0,139	0,302	-0,004	0,009	0,186	FALSE
-0,026	0,277	-0,001	0,010	0,041	FALSE
0,002	0,281	0,000	0,010	0,006	FALSE
-0,011	0,287	0,000	0,010	0,014	FALSE
-0,173	0,283	-0,009	0,016	0,230	FALSE
-0,048	0,291	-0,002	0,018	0,034	FALSE
0,156	0,286	0,005	0,012	0,150	FALSE
0,031	0,288	0,002	0,009	0,061	FALSE
0,138	0,254	0,005	0,009	0,220	FALSE
0,098	0,283	0,007	0,016	0,189	FALSE
-0,095	0,274	-0,003	0,009	0,103	FALSE
-0,188	0,264	-0,010	0,014	0,331	FALSE
0,002	0,285	0,000	0,009	0,002	FALSE
-0,055	0,283	-0,003	0,016	0,059	FALSE
-0,159	0,281	-0,006	0,016	0,156	FALSE
0,035	0,292	-0,001	0,017	0,028	FALSE
0,180	0,267	0,005	0,013	0,151	FALSE
0,072	0,282	0,003	0,017	0,068	FALSE
-0,157	0,287	-0,007	0,014	0,216	FALSE
-0,054	0,283	-0,002	0,011	0,087	FALSE
-0,038	0,273	-0,002	0,016	0,038	FALSE
-0,039	0,286	-0,002	0,017	0,042	FALSE
-0,026	0,288	-0,001	0,017	0,015	FALSE
-0,061	0,290	-0,003	0,017	0,063	FALSE
0,081	0,274	0,004	0,009	0,170	FALSE
-0,109	0,282	-0,002	0,016	0,054	FALSE
0,164	0,278	0,005	0,009	0,227	FALSE
-0,130	0,280	-0,003	0,010	0,109	FALSE
-0,042	0,289	-0,003	0,017	0,065	FALSE
-0,055	0,282	-0,005	0,017	0,100	FALSE
-0,127	0,277	-0,006	0,013	0,181	FALSE
0,079	0,275	0,002	0,013	0,066	FALSE
0,049	0,301	0,001	0,013	0,041	FALSE
0,060	0,296	0,002	0,013	0,060	FALSE
-0,104	0,279	-0,007	0,016	0,191	FALSE
-0,139	0,292	-0,010	0,017	0,251	FALSE
0,039	0,294	0,001	0,017	0,015	FALSE
-0,060	0,278	-0,001	0,009	0,055	FALSE
-0,039	0,285	-0,001	0,012	0,021	FALSE
-0,064	0,288	-0,001	0,012	0,034	FALSE

0,173	0,279	0,008	0,017	0,203	FALSE
0,021	0,277	0,001	0,015	0,016	FALSE
0,008	0,280	0,000	0,015	0,005	FALSE
0,105	0,295	0,003	0,018	0,070	FALSE
-0,122	0,289	-0,006	0,017	0,141	FALSE
-0,161	0,273	-0,007	0,016	0,190	FALSE
-0,031	0,273	-0,001	0,008	0,033	FALSE
-0,116	0,278	-0,006	0,013	0,205	FALSE
-0,014	0,291	0,002	0,011	0,065	FALSE
0,031	0,279	0,001	0,010	0,024	FALSE
-0,087	0,298	-0,003	0,010	0,112	FALSE
-0,129	0,291	-0,005	0,010	0,210	FALSE
0,122	0,279	0,004	0,012	0,137	FALSE
-0,162	0,275	-0,005	0,009	0,252	FALSE
-0,031	0,271	-0,001	0,009	0,044	FALSE
-0,037	0,282	-0,001	0,013	0,028	FALSE
0,063	0,300	0,004	0,017	0,081	FALSE
0,022	0,285	0,003	0,015	0,070	FALSE
0,017	0,279	0,002	0,017	0,036	FALSE
0,014	0,279	0,001	0,014	0,037	FALSE
-0,031	0,290	0,001	0,013	0,021	FALSE
-0,046	0,291	-0,003	0,011	0,084	FALSE
-0,220	0,271	-0,007	0,010	0,321	FALSE
-0,192	0,282	-0,007	0,011	0,268	FALSE
-0,119	0,283	-0,004	0,011	0,156	FALSE
-0,006	0,293	-0,002	0,015	0,042	FALSE
-0,087	0,286	-0,004	0,010	0,180	FALSE
0,036	0,281	0,001	0,010	0,021	FALSE
0,116	0,284	0,003	0,011	0,120	FALSE
-0,160	0,280	-0,009	0,016	0,242	FALSE
-0,125	0,274	-0,004	0,017	0,092	FALSE
-0,071	0,293	-0,004	0,014	0,115	FALSE
-0,010	0,279	-0,001	0,013	0,020	FALSE
0,075	0,276	0,003	0,011	0,089	FALSE
-0,142	0,280	-0,007	0,016	0,189	FALSE
0,100	0,286	0,003	0,009	0,115	FALSE
0,080	0,292	0,004	0,017	0,085	FALSE
0,056	0,288	0,002	0,018	0,044	FALSE
0,180	0,275	0,009	0,013	0,306	FALSE
0,052	0,286	0,001	0,009	0,023	FALSE
0,091	0,289	0,005	0,017	0,104	FALSE
-0,151	0,295	-0,008	0,017	0,192	FALSE
-0,075	0,288	-0,003	0,010	0,116	FALSE
-0,033	0,296	-0,001	0,009	0,044	FALSE
0,093	0,277	0,003	0,012	0,093	FALSE
0,188	0,279	0,009	0,017	0,237	FALSE
0,228	0,282	0,011	0,017	0,301	FALSE
-0,036	0,291	0,000	0,010	0,003	FALSE
-0,050	0,311	-0,001	0,010	0,050	FALSE
-0,090	0,287	-0,003	0,009	0,104	FALSE
-0,048	0,273	-0,001	0,016	0,024	FALSE
0,036	0,292	0,003	0,015	0,069	FALSE
0,028	0,272	-0,002	0,017	0,044	FALSE

0,028	0,285	-0,001	0,018	0,018	FALSE
0,077	0,291	0,003	0,012	0,111	FALSE
-0,006	0,281	0,002	0,017	0,038	FALSE
0,096	0,283	0,003	0,010	0,111	FALSE
0,027	0,281	0,002	0,015	0,039	FALSE
-0,092	0,283	-0,001	0,009	0,049	FALSE
0,037	0,274	0,001	0,008	0,044	FALSE
-0,014	0,283	-0,001	0,009	0,031	FALSE
-0,082	0,298	-0,003	0,011	0,103	FALSE
-0,146	0,281	-0,007	0,017	0,171	FALSE
-0,168	0,290	-0,009	0,017	0,221	FALSE
0,126	0,289	0,007	0,012	0,244	FALSE
0,177	0,284	0,007	0,012	0,243	FALSE
0,135	0,269	0,006	0,013	0,194	FALSE
0,128	0,286	0,006	0,018	0,132	FALSE
-0,077	0,286	-0,004	0,012	0,128	FALSE
0,081	0,291	0,005	0,011	0,184	FALSE
-0,047	0,289	-0,001	0,014	0,034	FALSE
-0,009	0,291	0,001	0,012	0,026	FALSE
-0,079	0,300	-0,003	0,013	0,080	FALSE
-0,077	0,279	-0,005	0,016	0,115	FALSE
-0,017	0,276	0,000	0,016	0,003	FALSE
0,076	0,281	0,004	0,011	0,134	FALSE
0,007	0,285	0,001	0,011	0,021	FALSE
0,039	0,285	0,002	0,010	0,055	FALSE
0,087	0,281	0,002	0,012	0,067	FALSE
0,046	0,281	0,003	0,012	0,093	FALSE
0,082	0,267	0,005	0,011	0,195	FALSE
0,038	0,296	0,003	0,010	0,099	FALSE
-0,076	0,277	-0,003	0,015	0,061	FALSE
0,102	0,279	0,006	0,017	0,149	FALSE
-0,012	0,282	0,000	0,012	0,011	FALSE
0,178	0,265	0,015	0,018	0,390	FALSE
0,147	0,280	0,005	0,009	0,234	FALSE
0,081	0,286	0,002	0,017	0,044	FALSE
0,075	0,282	0,003	0,017	0,060	FALSE
-0,061	0,291	-0,002	0,012	0,058	FALSE
0,023	0,278	-0,001	0,013	0,027	FALSE
0,098	0,275	0,009	0,017	0,224	FALSE
0,072	0,274	0,003	0,015	0,061	FALSE
0,162	0,288	0,008	0,013	0,259	FALSE
-0,213	0,271	-0,010	0,013	0,345	FALSE
0,075	0,296	0,004	0,012	0,125	FALSE
0,055	0,285	0,001	0,012	0,036	FALSE
0,039	0,288	0,001	0,012	0,024	FALSE
0,014	0,298	0,001	0,013	0,016	FALSE
0,165	0,279	0,005	0,009	0,247	FALSE
0,134	0,272	0,005	0,015	0,122	FALSE
0,056	0,273	0,000	0,010	0,017	FALSE
0,160	0,292	0,008	0,014	0,261	FALSE
0,150	0,294	0,007	0,014	0,221	FALSE
-0,002	0,296	0,001	0,014	0,026	FALSE
0,218	0,271	0,009	0,011	0,352	FALSE

-0,106	0,291	-0,006	0,015	0,172	FALSE
0,220	0,276	0,008	0,011	0,326	FALSE
-0,131	0,280	-0,005	0,017	0,112	FALSE
0,215	0,279	0,006	0,009	0,293	FALSE
0,163	0,282	0,006	0,013	0,212	FALSE
-0,029	0,300	-0,001	0,012	0,039	FALSE
-0,039	0,294	-0,001	0,010	0,042	FALSE
-0,062	0,292	-0,002	0,009	0,077	FALSE
0,019	0,292	0,001	0,017	0,020	FALSE
-0,085	0,278	-0,004	0,010	0,139	FALSE
0,151	0,272	0,005	0,013	0,143	FALSE
0,022	0,295	0,003	0,011	0,094	FALSE
-0,193	0,288	-0,008	0,012	0,282	FALSE
0,016	0,295	-0,001	0,017	0,010	FALSE
-0,004	0,265	0,000	0,008	0,019	FALSE
0,196	0,273	0,009	0,016	0,238	FALSE
-0,044	0,283	0,000	0,009	0,014	FALSE
-0,055	0,287	-0,001	0,010	0,041	FALSE
0,001	0,289	0,001	0,011	0,028	FALSE
0,067	0,295	0,003	0,014	0,075	FALSE
0,024	0,290	0,003	0,011	0,109	FALSE
0,000	0,280	0,000	0,010	0,003	FALSE
0,092	0,295	0,002	0,009	0,103	FALSE
0,163	0,261	0,004	0,008	0,179	FALSE
0,038	0,275	0,002	0,013	0,046	FALSE
0,127	0,275	0,005	0,016	0,132	FALSE
-0,075	0,285	-0,002	0,009	0,083	FALSE
-0,105	0,281	-0,005	0,013	0,159	FALSE
0,026	0,298	0,000	0,017	0,002	FALSE
0,106	0,277	0,004	0,016	0,100	FALSE
-0,087	0,275	-0,004	0,016	0,095	FALSE
-0,038	0,300	-0,001	0,010	0,037	FALSE
-0,122	0,283	-0,004	0,010	0,146	FALSE
-0,132	0,274	-0,004	0,011	0,156	FALSE
-0,034	0,291	-0,004	0,017	0,094	FALSE
0,027	0,298	0,002	0,017	0,032	FALSE
0,010	0,285	0,003	0,017	0,077	FALSE
0,040	0,268	0,001	0,008	0,029	FALSE
-0,085	0,283	-0,002	0,011	0,061	FALSE
-0,178	0,268	-0,009	0,017	0,222	FALSE
-0,117	0,297	-0,002	0,011	0,070	FALSE
-0,283	0,261	-0,014	0,012	0,573	FALSE
0,089	0,282	0,001	0,009	0,053	FALSE
-0,062	0,281	-0,005	0,018	0,120	FALSE
-0,066	0,283	-0,005	0,017	0,116	FALSE
-0,237	0,269	-0,011	0,012	0,479	FALSE
-0,275	0,262	-0,014	0,013	0,526	FALSE
-0,231	0,277	-0,012	0,016	0,347	FALSE
-0,151	0,287	-0,004	0,009	0,152	FALSE
0,034	0,296	0,002	0,017	0,036	FALSE
-0,127	0,287	-0,007	0,019	0,153	FALSE
0,068	0,294	0,003	0,011	0,112	FALSE
-0,058	0,275	-0,004	0,016	0,096	FALSE

0,064	0,282	0,004	0,011	0,134	FALSE
0,148	0,273	0,006	0,016	0,159	FALSE
0,104	0,278	0,004	0,016	0,105	FALSE
-0,102	0,273	-0,001	0,009	0,041	FALSE
-0,136	0,286	-0,007	0,015	0,188	FALSE
0,196	0,254	0,004	0,011	0,154	FALSE
-0,122	0,286	-0,004	0,014	0,117	FALSE
0,106	0,281	0,005	0,014	0,147	FALSE
-0,175	0,282	-0,004	0,009	0,197	FALSE
0,000	0,292	0,002	0,010	0,086	FALSE
0,115	0,268	0,007	0,016	0,182	FALSE
-0,052	0,275	-0,004	0,014	0,106	FALSE
0,026	0,278	0,002	0,015	0,055	FALSE
-0,258	0,268	-0,009	0,012	0,363	FALSE
-0,009	0,288	0,001	0,010	0,042	FALSE
-0,007	0,291	0,000	0,013	0,010	FALSE
0,092	0,279	0,001	0,011	0,040	FALSE
-0,020	0,283	-0,002	0,010	0,082	FALSE
-0,167	0,276	-0,010	0,017	0,250	FALSE
0,043	0,299	0,000	0,018	0,006	FALSE
0,006	0,297	0,002	0,014	0,067	FALSE
0,183	0,273	0,013	0,016	0,383	FALSE
0,023	0,282	-0,001	0,011	0,046	FALSE
0,056	0,296	0,003	0,015	0,085	FALSE
-0,053	0,279	-0,004	0,017	0,087	FALSE
0,019	0,275	0,000	0,017	0,008	FALSE
-0,148	0,277	-0,006	0,012	0,196	FALSE
-0,072	0,272	-0,005	0,017	0,115	FALSE
-0,064	0,276	-0,005	0,018	0,113	FALSE
0,084	0,280	0,004	0,011	0,133	FALSE
0,075	0,277	0,006	0,015	0,164	FALSE
0,101	0,286	0,005	0,014	0,128	FALSE
-0,180	0,275	-0,010	0,015	0,300	FALSE
-0,193	0,269	-0,013	0,017	0,353	FALSE
-0,162	0,258	-0,011	0,016	0,300	FALSE
-0,176	0,269	-0,012	0,017	0,314	FALSE
0,079	0,296	0,005	0,015	0,116	FALSE
0,053	0,272	0,003	0,016	0,070	FALSE
-0,128	0,289	-0,007	0,017	0,179	FALSE
-0,052	0,280	0,000	0,015	0,004	FALSE
-0,034	0,300	0,000	0,017	0,010	FALSE
0,206	0,270	0,010	0,017	0,258	FALSE
0,209	0,270	0,009	0,017	0,238	FALSE
0,266	0,278	0,007	0,009	0,355	FALSE
-0,077	0,299	-0,008	0,018	0,177	FALSE
0,272	0,267	0,015	0,017	0,404	FALSE
0,001	0,289	0,001	0,012	0,021	FALSE
-0,218	0,268	-0,010	0,014	0,327	FALSE
-0,135	0,292	-0,005	0,014	0,146	FALSE
-0,051	0,285	0,000	0,016	0,006	FALSE
-0,071	0,262	-0,006	0,016	0,160	FALSE
0,059	0,282	0,002	0,012	0,060	FALSE
-0,123	0,281	-0,005	0,011	0,207	FALSE

-0,061	0,297	0,000	0,014	0,013	FALSE
-0,234	0,273	-0,011	0,016	0,314	FALSE
0,119	0,289	0,005	0,018	0,100	FALSE
-0,004	0,293	0,000	0,018	0,008	FALSE
-0,045	0,293	-0,003	0,011	0,099	FALSE
-0,097	0,267	-0,005	0,010	0,215	FALSE
-0,102	0,263	-0,006	0,016	0,138	FALSE
-0,117	0,264	-0,006	0,016	0,144	FALSE
-0,086	0,289	-0,001	0,012	0,026	FALSE
-0,033	0,271	-0,004	0,015	0,095	FALSE
-0,045	0,275	-0,003	0,013	0,094	FALSE
-0,016	0,283	0,001	0,010	0,018	FALSE
0,234	0,266	0,014	0,017	0,389	FALSE
0,081	0,278	0,001	0,009	0,044	FALSE
0,100	0,279	0,004	0,016	0,101	FALSE
0,079	0,291	0,003	0,014	0,075	FALSE
0,037	0,281	0,001	0,009	0,055	FALSE
0,128	0,288	0,004	0,009	0,171	FALSE
0,270	0,253	0,012	0,015	0,391	FALSE
-0,121	0,284	-0,005	0,017	0,128	FALSE
-0,111	0,284	-0,004	0,017	0,098	FALSE
-0,047	0,275	-0,001	0,013	0,042	FALSE
0,179	0,266	0,006	0,012	0,203	FALSE
-0,037	0,295	0,002	0,017	0,033	FALSE
-0,066	0,276	-0,003	0,008	0,145	FALSE
0,037	0,284	0,001	0,014	0,026	FALSE
0,010	0,297	-0,001	0,015	0,017	FALSE
0,191	0,281	0,005	0,011	0,212	FALSE
0,072	0,280	0,002	0,009	0,081	FALSE
-0,207	0,277	-0,007	0,010	0,312	FALSE
-0,063	0,268	-0,006	0,016	0,138	FALSE
-0,195	0,277	-0,007	0,010	0,291	FALSE
0,073	0,285	0,004	0,014	0,100	FALSE
0,014	0,287	-0,001	0,017	0,026	FALSE
0,201	0,278	0,006	0,010	0,296	FALSE
0,145	0,292	0,006	0,011	0,239	FALSE
-0,034	0,286	0,000	0,010	0,001	FALSE
0,250	0,267	0,013	0,017	0,361	FALSE
0,241	0,275	0,007	0,010	0,346	FALSE
-0,246	0,274	-0,009	0,012	0,319	FALSE
0,161	0,279	0,009	0,014	0,263	FALSE
-0,158	0,283	-0,008	0,016	0,208	FALSE
-0,072	0,290	-0,003	0,012	0,095	FALSE
0,071	0,274	0,002	0,008	0,066	FALSE
-0,037	0,279	-0,002	0,010	0,061	FALSE
-0,142	0,288	-0,003	0,009	0,131	FALSE
0,006	0,295	-0,001	0,010	0,022	FALSE
-0,155	0,272	-0,004	0,009	0,158	FALSE
-0,003	0,276	0,000	0,010	0,010	FALSE
0,055	0,281	0,003	0,015	0,080	FALSE
0,106	0,295	0,005	0,014	0,141	FALSE
0,079	0,284	0,004	0,013	0,124	FALSE
-0,050	0,303	-0,002	0,011	0,056	FALSE

-0,146	0,277	-0,006	0,014	0,164	FALSE
0,017	0,268	0,001	0,008	0,033	FALSE
-0,121	0,287	-0,004	0,009	0,171	FALSE
0,065	0,288	0,002	0,011	0,061	FALSE
0,141	0,286	0,006	0,009	0,262	FALSE
-0,041	0,291	-0,001	0,011	0,027	FALSE
-0,097	0,277	-0,002	0,008	0,112	FALSE
-0,094	0,290	-0,003	0,012	0,084	FALSE
-0,006	0,295	-0,001	0,015	0,023	FALSE
-0,049	0,280	0,000	0,018	0,003	FALSE
-0,040	0,273	-0,001	0,015	0,029	FALSE
0,006	0,303	0,001	0,016	0,022	FALSE
-0,114	0,287	-0,004	0,012	0,136	FALSE
0,068	0,283	0,000	0,009	0,008	FALSE
-0,152	0,291	-0,005	0,011	0,198	FALSE
0,101	0,296	0,005	0,016	0,123	FALSE
0,122	0,275	0,007	0,012	0,264	FALSE
-0,204	0,264	-0,009	0,014	0,305	FALSE
-0,107	0,281	-0,006	0,014	0,159	FALSE
0,061	0,300	0,003	0,012	0,093	FALSE
0,041	0,279	0,000	0,013	0,004	FALSE
-0,065	0,287	-0,003	0,009	0,116	FALSE
0,042	0,281	0,002	0,011	0,054	FALSE
-0,104	0,274	-0,003	0,009	0,108	FALSE
-0,064	0,295	-0,004	0,014	0,100	FALSE
-0,095	0,282	-0,002	0,010	0,072	FALSE
0,200	0,275	0,012	0,017	0,334	FALSE
-0,034	0,278	-0,002	0,009	0,082	FALSE
0,093	0,275	0,006	0,017	0,149	FALSE
0,045	0,283	0,003	0,018	0,061	FALSE
0,086	0,267	0,002	0,013	0,068	FALSE
0,004	0,280	0,002	0,014	0,055	FALSE
-0,134	0,288	-0,004	0,010	0,151	FALSE
0,085	0,263	0,001	0,017	0,030	FALSE
0,144	0,258	0,006	0,017	0,139	FALSE
-0,131	0,278	-0,006	0,016	0,155	FALSE
-0,124	0,274	-0,006	0,016	0,161	FALSE
-0,100	0,287	-0,004	0,016	0,089	FALSE
-0,229	0,282	-0,010	0,014	0,328	FALSE
0,016	0,287	-0,001	0,017	0,025	FALSE
-0,096	0,290	-0,005	0,016	0,121	FALSE
-0,076	0,289	-0,003	0,015	0,075	FALSE
-0,138	0,269	-0,006	0,015	0,175	FALSE
0,092	0,278	0,003	0,015	0,084	FALSE
0,071	0,270	0,001	0,016	0,019	FALSE
0,008	0,289	0,001	0,013	0,029	FALSE
0,032	0,281	-0,002	0,017	0,034	FALSE
0,028	0,279	0,002	0,013	0,056	FALSE
-0,037	0,281	0,000	0,011	0,001	FALSE
-0,062	0,282	-0,004	0,012	0,143	FALSE
-0,054	0,290	-0,004	0,012	0,122	FALSE
-0,036	0,283	-0,003	0,011	0,112	FALSE
-0,093	0,279	-0,003	0,011	0,093	FALSE

-0,131	0,272	-0,005	0,011	0,180	FALSE
-0,016	0,278	0,001	0,011	0,028	FALSE
-0,081	0,280	-0,001	0,010	0,049	FALSE
0,128	0,276	0,004	0,009	0,183	FALSE
0,125	0,279	0,005	0,013	0,160	FALSE
0,137	0,297	0,006	0,014	0,160	FALSE
0,185	0,281	0,006	0,009	0,277	FALSE
0,111	0,293	0,007	0,018	0,146	FALSE
-0,193	0,271	-0,010	0,013	0,352	FALSE
-0,187	0,284	-0,010	0,014	0,319	FALSE
-0,120	0,284	-0,006	0,014	0,175	FALSE
0,055	0,282	0,002	0,009	0,106	FALSE
-0,206	0,270	-0,007	0,013	0,218	FALSE
0,140	0,281	0,007	0,014	0,215	FALSE
-0,046	0,277	-0,005	0,017	0,120	FALSE
-0,107	0,280	-0,005	0,014	0,129	FALSE
-0,200	0,287	-0,007	0,012	0,242	FALSE
-0,053	0,291	-0,002	0,014	0,048	FALSE
-0,087	0,295	-0,003	0,015	0,077	FALSE
-0,075	0,278	-0,003	0,014	0,073	FALSE
-0,092	0,279	-0,004	0,014	0,117	FALSE
0,194	0,267	0,006	0,009	0,309	FALSE
-0,050	0,265	0,000	0,008	0,013	FALSE
0,051	0,270	0,003	0,017	0,073	FALSE
0,034	0,281	0,002	0,018	0,037	FALSE
-0,069	0,280	-0,004	0,017	0,100	FALSE
0,077	0,275	0,004	0,017	0,088	FALSE
-0,120	0,293	-0,007	0,018	0,159	FALSE
0,026	0,279	0,001	0,014	0,026	FALSE
-0,009	0,273	-0,001	0,017	0,013	FALSE
-0,049	0,292	-0,001	0,012	0,029	FALSE
-0,094	0,275	-0,001	0,010	0,039	FALSE
-0,086	0,285	-0,005	0,015	0,143	FALSE
-0,110	0,276	-0,004	0,014	0,119	FALSE
0,032	0,274	0,003	0,015	0,065	FALSE
0,020	0,289	0,001	0,012	0,029	FALSE
0,027	0,290	0,001	0,013	0,017	FALSE
0,054	0,276	0,001	0,018	0,022	FALSE
0,155	0,277	0,007	0,013	0,226	FALSE
0,208	0,273	0,005	0,009	0,228	FALSE
-0,029	0,290	-0,002	0,011	0,062	FALSE
-0,015	0,267	0,000	0,012	0,007	FALSE
0,004	0,285	0,001	0,011	0,048	FALSE
0,030	0,289	0,002	0,011	0,053	FALSE
0,041	0,289	0,002	0,010	0,089	FALSE
-0,011	0,279	-0,003	0,013	0,090	FALSE
-0,090	0,283	-0,001	0,011	0,046	FALSE
0,097	0,276	0,005	0,017	0,109	FALSE
-0,128	0,278	-0,008	0,017	0,192	FALSE
-0,084	0,284	-0,002	0,010	0,082	FALSE
-0,016	0,288	-0,002	0,016	0,047	FALSE
-0,018	0,290	0,000	0,009	0,013	FALSE
-0,174	0,283	-0,009	0,016	0,233	FALSE

0,076	0,281	0,006	0,013	0,177	FALSE
-0,109	0,281	-0,005	0,011	0,177	FALSE
0,019	0,290	0,002	0,014	0,041	FALSE
0,013	0,282	-0,001	0,011	0,027	FALSE
0,054	0,292	0,003	0,011	0,099	FALSE
0,036	0,279	0,004	0,017	0,096	FALSE
-0,025	0,282	0,000	0,017	0,004	FALSE
0,006	0,293	-0,001	0,016	0,029	FALSE
0,111	0,278	0,004	0,016	0,105	FALSE
0,222	0,260	0,006	0,010	0,278	FALSE
-0,044	0,282	-0,001	0,008	0,055	FALSE
0,047	0,287	0,002	0,012	0,065	FALSE
0,080	0,293	0,005	0,013	0,167	FALSE
0,033	0,274	0,001	0,014	0,036	FALSE
0,141	0,285	0,006	0,010	0,234	FALSE
-0,055	0,270	-0,006	0,016	0,149	FALSE
0,062	0,289	0,004	0,013	0,118	FALSE
-0,063	0,279	-0,004	0,016	0,110	FALSE
0,089	0,281	0,004	0,010	0,154	FALSE
-0,193	0,280	-0,012	0,015	0,348	FALSE
-0,052	0,284	-0,002	0,011	0,063	FALSE
-0,122	0,285	-0,004	0,009	0,191	FALSE
-0,029	0,294	0,002	0,017	0,047	FALSE
-0,064	0,286	-0,001	0,008	0,062	FALSE
0,147	0,280	0,007	0,015	0,201	FALSE
0,020	0,274	-0,002	0,013	0,059	FALSE
0,034	0,283	0,002	0,010	0,077	FALSE
-0,134	0,280	-0,011	0,018	0,268	FALSE
0,172	0,277	0,005	0,010	0,230	FALSE
-0,253	0,274	-0,018	0,017	0,537	FALSE
-0,195	0,261	-0,015	0,017	0,413	FALSE
-0,012	0,293	0,001	0,012	0,021	FALSE
-0,091	0,280	-0,004	0,014	0,103	FALSE
0,181	0,272	0,008	0,018	0,177	FALSE
0,201	0,272	0,008	0,017	0,209	FALSE
-0,080	0,265	-0,003	0,015	0,070	FALSE
-0,102	0,277	-0,004	0,016	0,109	FALSE
-0,099	0,280	-0,004	0,011	0,158	FALSE
0,000	0,295	0,001	0,009	0,062	FALSE
0,127	0,274	0,006	0,016	0,154	FALSE
-0,230	0,249	-0,011	0,014	0,380	FALSE
0,045	0,291	0,002	0,013	0,064	FALSE
0,088	0,289	0,003	0,009	0,135	FALSE
-0,022	0,287	0,001	0,011	0,035	FALSE
-0,086	0,278	-0,002	0,009	0,088	FALSE
0,022	0,278	-0,001	0,014	0,018	FALSE
-0,186	0,285	-0,008	0,012	0,270	FALSE
0,144	0,277	0,008	0,013	0,266	FALSE
-0,017	0,278	0,000	0,009	0,004	FALSE
0,177	0,262	0,005	0,010	0,221	FALSE
0,008	0,291	0,000	0,017	0,001	FALSE
0,009	0,301	0,000	0,018	0,007	FALSE
-0,032	0,292	-0,003	0,010	0,125	FALSE

0,007	0,282	0,000	0,011	0,010	FALSE
0,094	0,273	0,002	0,012	0,054	FALSE
-0,024	0,283	-0,001	0,017	0,017	FALSE
-0,037	0,285	-0,002	0,017	0,034	FALSE
0,044	0,295	0,004	0,017	0,079	FALSE
-0,007	0,291	0,000	0,016	0,006	FALSE
-0,074	0,294	-0,004	0,018	0,097	FALSE
0,006	0,278	0,001	0,016	0,014	FALSE
-0,084	0,280	-0,005	0,017	0,106	FALSE
0,195	0,256	0,006	0,010	0,246	FALSE
-0,022	0,295	-0,003	0,018	0,061	FALSE
0,267	0,274	0,009	0,010	0,393	FALSE
-0,210	0,278	-0,010	0,017	0,258	FALSE
0,110	0,299	0,005	0,013	0,140	FALSE
-0,011	0,281	0,000	0,015	0,001	FALSE
-0,143	0,279	-0,009	0,017	0,239	FALSE
-0,219	0,275	-0,008	0,013	0,302	FALSE
-0,236	0,267	-0,012	0,017	0,313	FALSE
-0,214	0,269	-0,011	0,017	0,278	FALSE
0,097	0,282	0,006	0,017	0,143	FALSE
0,204	0,263	0,012	0,013	0,449	FALSE
0,034	0,281	-0,001	0,013	0,020	FALSE
0,028	0,276	-0,002	0,013	0,041	FALSE
-0,059	0,293	-0,003	0,010	0,103	FALSE
0,218	0,280	0,011	0,013	0,433	FALSE
0,042	0,294	0,005	0,018	0,114	FALSE
-0,101	0,280	-0,004	0,010	0,180	FALSE
0,077	0,271	0,003	0,011	0,100	FALSE
0,086	0,286	0,003	0,013	0,096	FALSE
0,010	0,285	-0,003	0,018	0,056	FALSE
-0,198	0,265	-0,005	0,009	0,276	FALSE
-0,055	0,272	-0,002	0,014	0,056	FALSE
0,023	0,282	-0,001	0,010	0,038	FALSE
0,035	0,281	0,001	0,012	0,020	FALSE
0,097	0,293	0,003	0,009	0,150	FALSE
0,073	0,287	0,002	0,012	0,068	FALSE
-0,015	0,291	-0,001	0,010	0,045	FALSE
0,002	0,280	-0,001	0,010	0,029	FALSE
-0,166	0,292	-0,007	0,011	0,271	FALSE
0,103	0,274	0,005	0,011	0,179	FALSE
-0,096	0,283	-0,005	0,016	0,119	FALSE
-0,147	0,282	-0,005	0,016	0,136	FALSE
-0,109	0,284	-0,005	0,015	0,130	FALSE
-0,011	0,288	-0,004	0,015	0,092	FALSE
-0,045	0,282	-0,001	0,009	0,060	FALSE
-0,124	0,281	-0,009	0,016	0,242	FALSE
0,140	0,282	0,005	0,012	0,150	FALSE
0,131	0,287	0,004	0,011	0,150	FALSE
-0,032	0,282	-0,001	0,010	0,048	FALSE
-0,049	0,291	-0,001	0,014	0,013	FALSE
0,052	0,286	0,004	0,013	0,124	FALSE
-0,069	0,279	-0,002	0,009	0,090	FALSE
-0,004	0,285	-0,001	0,017	0,026	FALSE

-0,061	0,296	-0,004	0,018	0,092	FALSE
-0,088	0,274	-0,003	0,011	0,115	FALSE
0,029	0,303	0,001	0,011	0,024	FALSE
0,044	0,294	0,001	0,009	0,058	FALSE
0,077	0,285	0,003	0,011	0,096	FALSE
0,053	0,290	0,003	0,015	0,082	FALSE
0,055	0,296	0,002	0,011	0,066	FALSE
-0,014	0,286	-0,002	0,015	0,060	FALSE
0,125	0,277	0,007	0,018	0,170	FALSE
0,084	0,303	0,003	0,014	0,082	FALSE
0,097	0,279	0,008	0,017	0,188	FALSE
0,103	0,272	0,004	0,016	0,091	FALSE
0,004	0,269	0,000	0,016	0,010	FALSE
-0,121	0,287	-0,003	0,011	0,123	FALSE
0,067	0,269	0,004	0,017	0,095	FALSE
0,152	0,290	0,005	0,009	0,236	FALSE
0,100	0,281	0,007	0,013	0,228	FALSE
0,211	0,270	0,009	0,013	0,316	FALSE
0,025	0,286	0,000	0,012	0,014	FALSE
0,010	0,284	0,001	0,016	0,031	FALSE
-0,071	0,296	-0,002	0,009	0,086	FALSE
-0,045	0,284	-0,001	0,009	0,046	FALSE
-0,105	0,276	-0,004	0,014	0,104	FALSE
-0,112	0,279	-0,003	0,009	0,156	FALSE
-0,151	0,281	-0,006	0,015	0,161	FALSE
-0,072	0,282	-0,004	0,013	0,118	FALSE
0,002	0,291	-0,001	0,016	0,015	FALSE
-0,131	0,282	-0,007	0,016	0,189	FALSE
-0,092	0,294	-0,004	0,009	0,162	FALSE
0,052	0,265	0,003	0,015	0,077	FALSE
0,046	0,280	0,002	0,015	0,048	FALSE
0,064	0,280	0,000	0,013	0,002	FALSE
0,063	0,286	0,001	0,011	0,047	FALSE
-0,029	0,272	-0,001	0,014	0,020	FALSE
0,016	0,282	0,001	0,012	0,034	FALSE
0,183	0,272	0,005	0,010	0,194	FALSE
-0,126	0,283	-0,006	0,016	0,157	FALSE
0,003	0,283	0,000	0,008	0,013	FALSE
-0,095	0,274	-0,004	0,010	0,157	FALSE
0,124	0,272	0,009	0,016	0,248	FALSE
0,078	0,276	0,001	0,013	0,042	FALSE
0,124	0,281	0,006	0,018	0,128	FALSE
-0,056	0,293	-0,002	0,011	0,052	FALSE
0,071	0,280	0,005	0,014	0,151	FALSE
0,127	0,283	0,002	0,009	0,100	FALSE
-0,123	0,314	-0,005	0,017	0,110	FALSE
0,039	0,277	0,004	0,017	0,092	FALSE
-0,034	0,283	-0,001	0,009	0,043	FALSE
0,054	0,293	0,002	0,017	0,051	FALSE
-0,037	0,299	-0,002	0,016	0,048	FALSE
-0,134	0,278	-0,007	0,013	0,234	FALSE
-0,037	0,275	-0,005	0,014	0,128	FALSE
-0,119	0,284	-0,004	0,011	0,146	FALSE

-0,020	0,286	-0,001	0,009	0,033	FALSE
0,045	0,284	0,003	0,017	0,065	FALSE
-0,094	0,269	-0,003	0,013	0,099	FALSE
-0,069	0,281	-0,003	0,009	0,138	FALSE
-0,088	0,290	-0,004	0,013	0,133	FALSE
0,188	0,272	0,006	0,010	0,282	FALSE
-0,091	0,288	-0,003	0,011	0,117	FALSE
-0,008	0,298	0,000	0,011	0,005	FALSE
-0,269	0,267	-0,009	0,010	0,451	FALSE
0,025	0,291	0,000	0,009	0,014	FALSE
-0,187	0,283	-0,006	0,009	0,291	FALSE
0,216	0,269	0,010	0,013	0,367	FALSE
0,106	0,277	0,005	0,012	0,156	FALSE
0,128	0,286	0,005	0,009	0,247	FALSE
0,054	0,281	0,004	0,018	0,084	FALSE
-0,042	0,278	-0,002	0,011	0,064	FALSE
0,102	0,282	0,008	0,015	0,213	FALSE
-0,160	0,279	-0,008	0,015	0,214	FALSE
-0,138	0,282	-0,010	0,016	0,267	FALSE
-0,108	0,287	-0,003	0,012	0,116	FALSE
-0,080	0,284	-0,002	0,010	0,057	FALSE
0,009	0,286	0,001	0,015	0,016	FALSE
-0,070	0,291	-0,001	0,011	0,042	FALSE
-0,003	0,286	0,001	0,017	0,020	FALSE
0,063	0,282	0,002	0,015	0,052	FALSE
-0,011	0,274	-0,003	0,010	0,095	FALSE
0,002	0,290	0,001	0,016	0,016	FALSE
-0,110	0,278	-0,003	0,014	0,094	FALSE
-0,077	0,285	-0,003	0,008	0,141	FALSE
-0,165	0,265	-0,006	0,009	0,298	FALSE
-0,119	0,280	-0,004	0,009	0,175	FALSE
0,229	0,273	0,011	0,012	0,419	FALSE
0,178	0,279	0,006	0,009	0,291	FALSE
0,047	0,277	-0,001	0,012	0,029	FALSE
-0,048	0,284	-0,003	0,011	0,090	FALSE
-0,137	0,271	-0,007	0,013	0,226	FALSE
0,101	0,277	0,003	0,017	0,070	FALSE
-0,161	0,278	-0,010	0,017	0,270	FALSE
-0,049	0,288	-0,001	0,012	0,043	FALSE
-0,142	0,277	-0,006	0,013	0,213	FALSE
0,026	0,298	0,001	0,016	0,027	FALSE
-0,118	0,294	-0,003	0,009	0,115	FALSE
-0,130	0,289	-0,005	0,012	0,194	FALSE
0,039	0,300	0,002	0,012	0,075	FALSE
-0,117	0,272	-0,003	0,010	0,118	FALSE
-0,173	0,274	-0,008	0,012	0,278	FALSE
0,033	0,284	0,002	0,014	0,039	FALSE
0,086	0,268	0,004	0,011	0,135	FALSE
0,084	0,261	0,003	0,010	0,122	FALSE
0,001	0,294	-0,002	0,018	0,033	FALSE
-0,096	0,288	-0,003	0,009	0,134	FALSE
-0,049	0,286	-0,005	0,016	0,129	FALSE
-0,028	0,296	-0,004	0,016	0,102	FALSE

-0,052	0,289	-0,001	0,009	0,060	FALSE
0,056	0,285	0,001	0,010	0,053	FALSE
-0,037	0,285	-0,003	0,014	0,085	FALSE
0,147	0,283	0,006	0,012	0,183	FALSE
0,072	0,284	0,001	0,012	0,031	FALSE
-0,021	0,295	0,001	0,009	0,022	FALSE
-0,098	0,294	-0,002	0,009	0,110	FALSE
-0,058	0,301	-0,002	0,010	0,056	FALSE
-0,244	0,267	-0,007	0,008	0,393	FALSE
-0,042	0,280	-0,002	0,011	0,084	FALSE
0,102	0,269	0,004	0,016	0,093	FALSE
0,131	0,287	0,004	0,009	0,172	FALSE
-0,041	0,272	0,000	0,009	0,004	FALSE
-0,178	0,286	-0,005	0,011	0,174	FALSE
0,022	0,282	0,000	0,012	0,003	FALSE
0,067	0,280	0,003	0,016	0,064	FALSE
-0,140	0,270	-0,006	0,012	0,195	FALSE
-0,112	0,284	-0,003	0,008	0,152	FALSE
0,027	0,298	0,002	0,013	0,046	FALSE
-0,075	0,279	-0,007	0,016	0,163	FALSE
-0,077	0,278	-0,007	0,016	0,178	FALSE
0,111	0,289	0,006	0,015	0,162	FALSE
0,028	0,276	0,001	0,013	0,030	FALSE
-0,007	0,280	-0,001	0,016	0,030	FALSE
-0,079	0,309	-0,002	0,014	0,049	FALSE
-0,032	0,285	-0,002	0,010	0,062	FALSE
-0,023	0,280	-0,002	0,010	0,059	FALSE
-0,094	0,284	-0,003	0,009	0,114	FALSE
-0,149	0,273	-0,005	0,011	0,211	FALSE
-0,161	0,265	-0,006	0,010	0,256	FALSE
-0,035	0,288	-0,003	0,015	0,062	FALSE
0,066	0,283	0,006	0,017	0,138	FALSE
-0,070	0,291	-0,002	0,010	0,073	FALSE
0,015	0,262	0,000	0,009	0,013	FALSE
0,031	0,282	-0,001	0,017	0,012	FALSE
-0,088	0,281	-0,004	0,010	0,151	FALSE
-0,079	0,278	-0,003	0,010	0,130	FALSE
-0,113	0,272	-0,002	0,010	0,096	FALSE
0,050	0,287	0,002	0,013	0,064	FALSE
-0,098	0,298	-0,005	0,017	0,100	FALSE
0,051	0,286	0,005	0,016	0,121	FALSE
0,044	0,290	0,001	0,018	0,017	FALSE
0,062	0,282	0,004	0,012	0,143	FALSE
0,163	0,284	0,011	0,017	0,270	FALSE
0,105	0,292	0,002	0,008	0,109	FALSE
-0,070	0,291	-0,001	0,018	0,020	FALSE
-0,096	0,284	-0,006	0,012	0,240	FALSE
-0,038	0,279	-0,002	0,016	0,041	FALSE
0,005	0,292	0,001	0,017	0,025	FALSE
-0,007	0,285	0,000	0,016	0,008	FALSE
-0,017	0,286	-0,001	0,016	0,017	FALSE
-0,100	0,279	-0,003	0,017	0,063	FALSE
-0,076	0,282	-0,002	0,017	0,037	FALSE

0,173	0,257	0,004	0,010	0,154	FALSE
0,130	0,272	0,005	0,017	0,120	FALSE
-0,022	0,283	-0,003	0,016	0,081	FALSE
0,115	0,281	0,007	0,016	0,184	FALSE
-0,134	0,286	-0,007	0,013	0,235	FALSE
0,077	0,287	0,004	0,016	0,103	FALSE
-0,079	0,296	-0,007	0,018	0,146	FALSE
0,003	0,285	0,001	0,016	0,016	FALSE
-0,001	0,288	-0,001	0,013	0,019	FALSE
0,014	0,291	0,001	0,018	0,020	FALSE
0,114	0,299	0,004	0,014	0,119	FALSE
-0,037	0,288	-0,001	0,011	0,024	FALSE
-0,043	0,280	-0,001	0,010	0,030	FALSE
0,000	0,288	-0,002	0,017	0,047	FALSE
-0,008	0,284	0,001	0,009	0,032	FALSE
-0,117	0,288	-0,004	0,013	0,102	FALSE
0,036	0,292	0,003	0,011	0,112	FALSE
-0,011	0,297	-0,003	0,017	0,055	FALSE
-0,123	0,274	-0,004	0,010	0,171	FALSE
-0,150	0,282	-0,006	0,012	0,213	FALSE
0,008	0,285	0,000	0,009	0,005	FALSE
0,142	0,281	0,007	0,015	0,190	FALSE
0,229	0,260	0,011	0,014	0,374	FALSE
0,123	0,277	0,004	0,010	0,142	FALSE
0,140	0,283	0,003	0,011	0,115	FALSE
-0,127	0,284	-0,004	0,011	0,137	FALSE
-0,088	0,285	-0,005	0,018	0,104	FALSE
0,086	0,287	0,003	0,017	0,065	FALSE
-0,027	0,291	-0,002	0,018	0,035	FALSE
0,165	0,278	0,006	0,013	0,213	FALSE
0,022	0,294	0,001	0,014	0,015	FALSE
0,023	0,281	0,005	0,015	0,122	FALSE
0,162	0,268	0,005	0,009	0,282	FALSE
-0,110	0,285	-0,002	0,010	0,076	FALSE
0,244	0,261	0,010	0,013	0,349	FALSE
-0,088	0,284	-0,003	0,014	0,095	FALSE
-0,019	0,292	0,001	0,014	0,012	FALSE
0,104	0,270	0,002	0,010	0,096	FALSE
0,026	0,280	0,001	0,016	0,026	FALSE
0,056	0,293	0,003	0,017	0,057	FALSE
-0,045	0,296	0,000	0,010	0,003	FALSE
0,033	0,297	0,002	0,011	0,063	FALSE
-0,270	0,267	-0,009	0,011	0,368	FALSE
-0,050	0,302	0,000	0,011	0,008	FALSE
-0,044	0,282	-0,004	0,009	0,176	FALSE
0,016	0,267	0,001	0,010	0,039	FALSE
0,051	0,282	0,004	0,011	0,137	FALSE
0,226	0,270	0,009	0,014	0,301	FALSE
0,010	0,291	0,001	0,011	0,027	FALSE
-0,174	0,277	-0,006	0,013	0,186	FALSE
0,029	0,293	-0,001	0,013	0,038	FALSE
-0,122	0,287	-0,005	0,012	0,165	FALSE
-0,039	0,281	-0,001	0,009	0,039	FALSE

0,081	0,286	0,002	0,010	0,075	FALSE
0,001	0,293	0,000	0,011	0,003	FALSE
0,017	0,287	0,000	0,011	0,004	FALSE
-0,108	0,277	-0,005	0,012	0,165	FALSE
0,052	0,292	0,004	0,013	0,129	FALSE
-0,217	0,274	-0,012	0,015	0,381	FALSE
0,080	0,286	0,005	0,016	0,124	FALSE
-0,118	0,286	-0,008	0,017	0,191	FALSE
-0,020	0,294	-0,002	0,010	0,081	FALSE
-0,020	0,295	0,001	0,011	0,022	FALSE
-0,151	0,277	-0,007	0,016	0,184	FALSE
0,116	0,262	0,004	0,015	0,106	FALSE
-0,025	0,298	-0,001	0,010	0,032	FALSE
0,006	0,284	0,001	0,009	0,020	FALSE
-0,076	0,275	-0,003	0,012	0,099	FALSE
-0,063	0,277	0,001	0,015	0,028	FALSE
0,195	0,264	0,004	0,008	0,211	FALSE
0,054	0,306	0,003	0,014	0,087	FALSE
-0,032	0,289	0,001	0,010	0,019	FALSE
0,222	0,268	0,005	0,009	0,278	FALSE
0,104	0,276	0,005	0,015	0,144	FALSE
0,078	0,286	0,004	0,015	0,091	FALSE
0,074	0,289	0,003	0,015	0,064	FALSE
0,169	0,266	0,005	0,015	0,136	FALSE
-0,099	0,263	-0,006	0,015	0,153	FALSE
-0,076	0,277	-0,002	0,010	0,070	FALSE
-0,097	0,284	-0,002	0,009	0,061	FALSE
-0,099	0,280	-0,003	0,009	0,136	FALSE
-0,202	0,276	-0,009	0,014	0,288	FALSE
0,140	0,284	0,004	0,009	0,218	FALSE
0,104	0,279	0,003	0,009	0,130	FALSE
0,055	0,285	0,001	0,009	0,042	FALSE
-0,030	0,291	-0,001	0,015	0,019	FALSE
0,199	0,277	0,010	0,013	0,348	FALSE
0,011	0,286	-0,001	0,018	0,019	FALSE
0,048	0,274	0,002	0,010	0,075	FALSE
0,046	0,275	0,004	0,013	0,117	FALSE
0,055	0,283	0,004	0,017	0,101	FALSE
-0,134	0,280	-0,006	0,015	0,151	FALSE
-0,136	0,270	-0,006	0,014	0,168	FALSE
0,035	0,279	0,001	0,017	0,026	FALSE
-0,105	0,279	-0,002	0,009	0,085	FALSE
-0,149	0,283	-0,005	0,010	0,203	FALSE
-0,029	0,275	-0,001	0,009	0,024	FALSE
0,089	0,269	0,003	0,009	0,137	FALSE
-0,061	0,285	-0,001	0,013	0,027	FALSE
-0,089	0,282	-0,008	0,014	0,246	FALSE
-0,119	0,300	-0,004	0,015	0,101	FALSE
-0,027	0,289	-0,002	0,016	0,056	FALSE
0,235	0,262	0,007	0,010	0,327	TRUE
0,012	0,299	-0,002	0,017	0,049	FALSE
0,045	0,280	0,001	0,012	0,025	FALSE
0,139	0,285	0,003	0,012	0,105	FALSE

-0,001	0,286	-0,001	0,012	0,037	FALSE
-0,005	0,284	0,001	0,017	0,026	FALSE
-0,027	0,271	-0,003	0,016	0,065	FALSE
0,136	0,272	0,004	0,009	0,192	FALSE
0,133	0,275	0,003	0,008	0,165	FALSE
0,044	0,294	0,001	0,009	0,050	FALSE
0,318	0,259	0,016	0,016	0,501	FALSE
0,218	0,260	0,007	0,010	0,319	FALSE
0,056	0,290	0,003	0,010	0,096	FALSE
0,126	0,282	0,006	0,015	0,171	FALSE
0,087	0,282	0,003	0,017	0,071	FALSE
-0,005	0,286	0,001	0,011	0,022	FALSE
0,060	0,269	0,003	0,013	0,091	FALSE
0,086	0,257	0,003	0,012	0,078	FALSE
0,010	0,290	0,000	0,010	0,002	FALSE
-0,019	0,267	0,001	0,013	0,025	FALSE
0,100	0,275	0,004	0,009	0,159	FALSE
0,166	0,289	0,005	0,010	0,227	FALSE
-0,003	0,280	0,001	0,009	0,023	FALSE
0,070	0,297	0,004	0,013	0,125	FALSE
0,046	0,279	0,002	0,012	0,050	FALSE
-0,092	0,285	-0,007	0,018	0,150	FALSE
0,166	0,273	0,004	0,010	0,161	FALSE
0,079	0,274	0,003	0,017	0,075	FALSE
0,149	0,285	0,005	0,011	0,167	FALSE
0,012	0,288	-0,001	0,011	0,023	FALSE
-0,133	0,271	-0,005	0,016	0,137	FALSE
-0,065	0,277	-0,003	0,010	0,126	FALSE
0,109	0,264	0,005	0,009	0,231	FALSE
-0,203	0,277	-0,010	0,018	0,255	FALSE
-0,089	0,281	-0,003	0,011	0,098	FALSE
0,055	0,282	0,003	0,009	0,135	FALSE
0,032	0,289	0,001	0,012	0,028	FALSE
-0,030	0,284	0,000	0,010	0,008	FALSE
0,042	0,267	0,003	0,015	0,075	FALSE
-0,106	0,282	-0,001	0,014	0,038	FALSE
0,043	0,298	0,002	0,016	0,048	FALSE
-0,173	0,276	-0,013	0,018	0,317	FALSE
0,083	0,291	0,004	0,012	0,127	FALSE
0,080	0,284	0,003	0,012	0,110	FALSE
0,020	0,275	0,002	0,012	0,053	FALSE
0,002	0,276	-0,001	0,009	0,044	FALSE
-0,028	0,281	0,000	0,011	0,015	FALSE
0,072	0,285	0,003	0,015	0,062	FALSE
0,094	0,269	0,003	0,014	0,086	FALSE
-0,007	0,290	-0,001	0,013	0,014	FALSE
0,094	0,282	0,003	0,017	0,070	FALSE
0,064	0,284	0,002	0,010	0,097	FALSE
-0,025	0,302	-0,002	0,017	0,046	FALSE
0,081	0,286	0,005	0,013	0,142	FALSE
-0,017	0,282	0,000	0,014	0,006	FALSE
0,175	0,259	0,009	0,018	0,205	FALSE
0,018	0,285	0,001	0,008	0,022	FALSE

0,016	0,282	0,001	0,016	0,025	FALSE
0,012	0,273	0,001	0,012	0,030	FALSE
-0,067	0,288	-0,004	0,011	0,152	FALSE
-0,148	0,289	-0,006	0,014	0,164	FALSE
-0,045	0,288	-0,005	0,016	0,111	FALSE
0,051	0,278	0,001	0,009	0,043	FALSE
-0,080	0,286	-0,002	0,009	0,104	FALSE
-0,139	0,295	-0,009	0,018	0,202	FALSE
0,062	0,285	0,004	0,017	0,079	FALSE
0,027	0,287	0,001	0,011	0,042	FALSE
-0,041	0,301	-0,005	0,018	0,099	FALSE
-0,039	0,289	-0,005	0,017	0,106	FALSE
-0,049	0,283	-0,005	0,017	0,104	FALSE
-0,097	0,282	-0,006	0,016	0,159	FALSE
-0,035	0,280	0,000	0,009	0,017	FALSE
-0,168	0,277	-0,006	0,010	0,254	FALSE
0,051	0,301	0,001	0,012	0,032	FALSE
0,025	0,288	0,003	0,012	0,088	FALSE
-0,011	0,287	0,000	0,009	0,014	FALSE
-0,047	0,278	0,000	0,015	0,009	FALSE
0,052	0,277	-0,001	0,016	0,024	FALSE
-0,049	0,298	-0,001	0,010	0,044	FALSE
0,036	0,282	0,002	0,017	0,042	FALSE
-0,042	0,291	-0,002	0,015	0,051	FALSE
-0,017	0,284	-0,003	0,014	0,081	FALSE
-0,006	0,295	0,000	0,009	0,019	FALSE
0,110	0,292	0,007	0,012	0,238	FALSE
-0,322	0,259	-0,011	0,010	0,593	FALSE
-0,012	0,294	0,000	0,014	0,008	FALSE
-0,005	0,277	-0,002	0,016	0,051	FALSE
0,045	0,290	0,004	0,015	0,098	FALSE
0,067	0,306	0,002	0,014	0,046	FALSE
0,076	0,278	0,006	0,017	0,150	FALSE
-0,244	0,273	-0,007	0,009	0,377	FALSE
0,047	0,297	0,002	0,017	0,041	FALSE
-0,067	0,296	-0,004	0,018	0,076	FALSE
0,073	0,294	0,002	0,010	0,061	FALSE
0,107	0,279	0,003	0,009	0,110	FALSE
-0,030	0,305	-0,002	0,018	0,030	FALSE
-0,047	0,297	-0,002	0,018	0,043	FALSE
0,061	0,284	0,002	0,009	0,086	FALSE
0,113	0,277	0,003	0,009	0,144	FALSE
0,012	0,287	0,000	0,011	0,009	FALSE
-0,107	0,289	-0,005	0,015	0,131	FALSE
-0,062	0,275	-0,004	0,016	0,104	FALSE
-0,004	0,302	-0,002	0,018	0,039	FALSE
-0,060	0,275	-0,006	0,017	0,132	FALSE
-0,036	0,302	-0,002	0,018	0,049	FALSE
-0,071	0,289	-0,001	0,011	0,045	FALSE
-0,051	0,288	-0,004	0,016	0,102	FALSE
-0,077	0,282	-0,007	0,017	0,162	FALSE
0,055	0,281	0,005	0,012	0,164	FALSE
0,053	0,288	0,005	0,013	0,160	FALSE

-0,028	0,292	0,002	0,015	0,057	FALSE
0,020	0,298	-0,002	0,017	0,047	FALSE
0,093	0,267	0,001	0,009	0,063	FALSE
-0,244	0,280	-0,014	0,018	0,372	FALSE
0,206	0,252	0,006	0,010	0,236	FALSE
0,118	0,280	0,009	0,017	0,210	FALSE
0,147	0,258	0,005	0,012	0,163	FALSE
-0,044	0,284	0,000	0,009	0,012	FALSE
-0,156	0,281	-0,008	0,015	0,238	FALSE
0,069	0,292	0,002	0,014	0,045	FALSE
-0,056	0,281	0,000	0,015	0,003	FALSE
-0,031	0,283	0,001	0,015	0,033	FALSE
-0,065	0,292	-0,002	0,013	0,064	FALSE
-0,031	0,290	-0,003	0,018	0,067	FALSE
-0,090	0,279	-0,005	0,012	0,177	FALSE
-0,157	0,280	-0,009	0,017	0,230	FALSE
-0,100	0,290	-0,005	0,015	0,137	FALSE
-0,053	0,289	-0,002	0,013	0,054	FALSE
-0,134	0,284	-0,007	0,013	0,242	FALSE
-0,107	0,285	-0,004	0,014	0,116	FALSE
-0,123	0,275	-0,004	0,012	0,141	FALSE
-0,010	0,288	-0,001	0,012	0,026	FALSE
-0,109	0,288	-0,004	0,014	0,109	FALSE
0,006	0,274	0,000	0,010	0,006	FALSE
-0,156	0,277	-0,008	0,017	0,196	FALSE
0,117	0,275	0,003	0,009	0,134	FALSE
-0,147	0,268	-0,008	0,016	0,198	FALSE
0,021	0,273	0,000	0,017	0,002	FALSE
-0,081	0,294	-0,004	0,011	0,129	FALSE
0,012	0,280	0,001	0,014	0,021	FALSE
0,096	0,271	0,004	0,010	0,176	FALSE
0,030	0,273	0,002	0,011	0,067	FALSE
0,061	0,278	0,000	0,011	0,014	FALSE
0,021	0,278	-0,001	0,012	0,017	FALSE
0,047	0,284	0,001	0,009	0,031	FALSE
0,023	0,272	0,003	0,013	0,081	FALSE
-0,197	0,279	-0,005	0,009	0,266	FALSE
0,047	0,281	0,001	0,017	0,012	FALSE
0,044	0,276	0,002	0,010	0,076	FALSE
0,046	0,277	0,002	0,009	0,085	FALSE
0,071	0,275	0,003	0,018	0,072	FALSE
-0,098	0,269	-0,005	0,016	0,129	FALSE
-0,093	0,278	-0,005	0,017	0,124	FALSE
0,145	0,276	0,005	0,010	0,189	FALSE
-0,023	0,300	0,000	0,018	0,008	FALSE
-0,155	0,276	-0,006	0,010	0,265	FALSE
-0,247	0,277	-0,007	0,009	0,385	FALSE
0,126	0,283	0,003	0,009	0,140	FALSE
0,032	0,286	-0,001	0,010	0,022	FALSE
-0,063	0,285	-0,002	0,017	0,048	FALSE
0,034	0,299	0,002	0,015	0,049	FALSE
0,054	0,299	0,003	0,014	0,074	FALSE
0,058	0,277	0,002	0,016	0,035	FALSE

-0,064	0,292	-0,002	0,017	0,039	FALSE
0,200	0,274	0,007	0,012	0,259	FALSE
-0,083	0,295	-0,002	0,012	0,067	FALSE
0,129	0,273	0,003	0,013	0,087	FALSE
0,022	0,287	0,001	0,017	0,025	FALSE
-0,182	0,278	-0,008	0,015	0,216	FALSE
-0,008	0,293	-0,001	0,014	0,024	FALSE
0,051	0,279	0,002	0,010	0,057	FALSE
0,017	0,267	0,000	0,011	0,008	FALSE
-0,025	0,294	-0,001	0,018	0,029	FALSE
-0,123	0,275	-0,005	0,014	0,129	FALSE
0,176	0,279	0,007	0,018	0,174	FALSE
0,014	0,274	0,003	0,012	0,090	FALSE
0,154	0,277	0,007	0,017	0,174	FALSE
-0,033	0,283	-0,002	0,009	0,072	FALSE
-0,027	0,286	-0,002	0,017	0,039	FALSE
0,165	0,282	0,008	0,015	0,227	FALSE
-0,025	0,283	-0,001	0,010	0,048	FALSE
0,067	0,288	0,003	0,010	0,117	FALSE
0,044	0,288	0,001	0,011	0,036	FALSE
0,046	0,260	0,002	0,015	0,037	FALSE
0,067	0,285	0,004	0,013	0,112	FALSE
-0,036	0,272	0,000	0,016	0,006	FALSE
0,098	0,275	0,002	0,010	0,080	FALSE
-0,074	0,289	-0,004	0,016	0,094	FALSE
0,015	0,279	0,002	0,009	0,068	FALSE
0,048	0,293	0,003	0,012	0,094	FALSE
0,186	0,286	0,010	0,018	0,240	FALSE
0,064	0,288	0,005	0,018	0,109	FALSE
-0,034	0,276	-0,001	0,013	0,032	FALSE
0,046	0,279	0,001	0,013	0,029	FALSE
0,057	0,293	0,002	0,011	0,065	FALSE
0,034	0,287	0,002	0,013	0,063	FALSE
-0,105	0,282	-0,004	0,013	0,119	FALSE
-0,086	0,285	-0,003	0,017	0,067	FALSE
-0,109	0,286	-0,006	0,018	0,129	FALSE
-0,012	0,280	-0,001	0,010	0,018	FALSE
-0,132	0,283	-0,005	0,013	0,144	FALSE
0,084	0,289	0,003	0,015	0,081	FALSE
0,059	0,275	0,004	0,016	0,091	FALSE
-0,125	0,283	-0,005	0,014	0,143	FALSE
0,034	0,286	0,001	0,016	0,012	FALSE
-0,053	0,282	-0,002	0,014	0,061	FALSE
-0,023	0,276	0,001	0,016	0,025	FALSE
-0,020	0,279	-0,002	0,013	0,056	FALSE
0,072	0,271	0,004	0,014	0,115	FALSE
0,065	0,276	0,005	0,016	0,136	FALSE
-0,036	0,303	0,000	0,012	0,000	FALSE
0,019	0,284	0,000	0,014	0,002	FALSE
-0,041	0,280	-0,002	0,010	0,082	FALSE
0,142	0,284	0,005	0,012	0,192	FALSE
-0,047	0,283	-0,004	0,016	0,084	FALSE
-0,046	0,267	-0,003	0,015	0,086	FALSE

0,073	0,287	0,003	0,017	0,069	FALSE
-0,105	0,293	-0,005	0,015	0,128	FALSE
-0,121	0,304	-0,005	0,018	0,110	FALSE
-0,173	0,280	-0,004	0,010	0,152	FALSE
-0,127	0,275	-0,004	0,011	0,153	FALSE
0,088	0,285	0,003	0,015	0,065	FALSE
0,058	0,283	0,003	0,015	0,072	FALSE
0,033	0,282	0,002	0,014	0,046	FALSE
0,038	0,283	0,001	0,011	0,022	FALSE
0,236	0,270	0,011	0,013	0,384	FALSE
-0,089	0,292	-0,001	0,008	0,057	FALSE
-0,208	0,287	-0,006	0,009	0,260	FALSE
-0,057	0,276	-0,002	0,013	0,041	FALSE
0,124	0,293	0,005	0,014	0,129	FALSE
-0,001	0,272	0,001	0,013	0,014	FALSE
0,205	0,271	0,004	0,009	0,201	FALSE
-0,046	0,291	-0,001	0,012	0,032	FALSE
-0,067	0,300	-0,004	0,013	0,125	FALSE
0,029	0,286	0,001	0,015	0,027	FALSE
-0,020	0,292	0,000	0,018	0,003	FALSE
0,067	0,295	0,004	0,016	0,085	FALSE
-0,057	0,297	-0,002	0,014	0,042	FALSE
0,010	0,274	0,001	0,015	0,018	FALSE
0,076	0,293	0,005	0,014	0,131	FALSE
0,049	0,289	0,003	0,018	0,061	FALSE
-0,031	0,282	-0,001	0,012	0,037	FALSE
0,110	0,274	0,005	0,008	0,243	FALSE
0,053	0,285	0,003	0,013	0,075	FALSE
-0,009	0,284	0,001	0,011	0,028	FALSE
-0,076	0,294	-0,002	0,011	0,053	FALSE
0,028	0,277	0,001	0,010	0,028	FALSE
-0,054	0,286	-0,001	0,013	0,017	FALSE
0,001	0,295	-0,001	0,009	0,041	FALSE
-0,099	0,261	-0,005	0,010	0,195	FALSE
-0,057	0,264	0,000	0,009	0,017	FALSE
0,062	0,275	0,002	0,013	0,067	FALSE
0,097	0,290	0,002	0,010	0,080	FALSE
-0,143	0,285	-0,008	0,017	0,201	FALSE
0,011	0,290	0,001	0,013	0,016	FALSE
0,016	0,279	0,000	0,010	0,001	FALSE
0,057	0,290	0,002	0,015	0,050	FALSE
-0,086	0,278	-0,004	0,017	0,080	FALSE
0,223	0,277	0,010	0,015	0,312	FALSE
0,193	0,274	0,006	0,010	0,270	FALSE
-0,053	0,286	-0,001	0,010	0,025	FALSE
0,075	0,275	0,001	0,009	0,027	FALSE
0,050	0,287	0,003	0,010	0,113	FALSE
-0,072	0,282	-0,001	0,013	0,031	FALSE
-0,051	0,275	-0,003	0,015	0,062	FALSE
-0,079	0,286	-0,001	0,009	0,043	FALSE
-0,066	0,285	-0,002	0,011	0,085	FALSE
0,172	0,286	0,008	0,015	0,228	FALSE
-0,115	0,294	-0,006	0,015	0,172	FALSE

-0,121	0,283	-0,007	0,017	0,176	FALSE
0,024	0,290	0,002	0,014	0,050	FALSE
-0,234	0,279	-0,011	0,014	0,361	FALSE
-0,004	0,288	-0,001	0,016	0,021	FALSE
-0,021	0,270	-0,002	0,013	0,060	FALSE
0,040	0,280	0,001	0,012	0,017	FALSE
0,112	0,277	0,004	0,010	0,181	FALSE
-0,052	0,285	-0,004	0,012	0,112	FALSE
0,073	0,267	0,002	0,009	0,087	FALSE
-0,087	0,285	-0,005	0,016	0,128	FALSE
-0,134	0,282	-0,006	0,017	0,149	FALSE
-0,108	0,273	-0,002	0,015	0,050	FALSE
0,084	0,273	0,003	0,013	0,100	FALSE
0,196	0,291	0,006	0,011	0,221	FALSE
0,198	0,274	0,006	0,010	0,249	FALSE
-0,082	0,268	-0,005	0,016	0,126	FALSE
-0,014	0,300	0,001	0,015	0,013	FALSE
-0,183	0,267	-0,008	0,015	0,249	FALSE
0,045	0,281	0,004	0,015	0,113	FALSE
-0,024	0,285	-0,002	0,011	0,061	FALSE
0,028	0,282	0,000	0,009	0,004	FALSE
0,021	0,289	0,000	0,009	0,016	FALSE
-0,056	0,282	-0,002	0,012	0,080	FALSE
-0,027	0,261	-0,003	0,012	0,093	FALSE
-0,109	0,286	-0,004	0,017	0,094	FALSE
0,127	0,291	0,006	0,018	0,141	FALSE
-0,049	0,290	-0,002	0,011	0,063	FALSE
0,123	0,293	0,006	0,016	0,135	FALSE
0,057	0,282	0,000	0,009	0,020	FALSE
0,111	0,298	0,003	0,010	0,124	FALSE
0,136	0,266	0,003	0,009	0,133	FALSE
0,031	0,271	0,001	0,009	0,043	FALSE
-0,108	0,271	-0,005	0,013	0,147	FALSE
0,021	0,287	0,002	0,010	0,061	FALSE
0,209	0,273	0,006	0,010	0,265	FALSE
0,234	0,276	0,007	0,010	0,320	FALSE
0,033	0,291	0,001	0,011	0,038	FALSE
0,045	0,270	0,002	0,015	0,059	FALSE
0,116	0,287	0,003	0,011	0,122	FALSE
0,135	0,265	0,007	0,016	0,180	FALSE
0,132	0,262	0,003	0,008	0,162	FALSE
0,123	0,274	0,003	0,009	0,122	FALSE
0,113	0,274	0,003	0,009	0,117	FALSE
0,218	0,262	0,008	0,013	0,283	FALSE
0,289	0,267	0,016	0,017	0,463	FALSE
0,102	0,283	0,007	0,015	0,172	FALSE
0,045	0,288	0,001	0,009	0,054	FALSE
0,289	0,252	0,010	0,013	0,356	FALSE
0,266	0,276	0,013	0,017	0,359	FALSE
-0,056	0,283	-0,004	0,015	0,103	FALSE
-0,036	0,285	-0,003	0,015	0,075	FALSE
-0,074	0,284	-0,001	0,010	0,023	FALSE
-0,040	0,289	-0,001	0,009	0,036	FALSE

0,113	0,292	0,006	0,018	0,134	FALSE
-0,118	0,288	-0,005	0,013	0,153	FALSE
-0,115	0,267	-0,006	0,016	0,152	FALSE
0,026	0,286	0,000	0,009	0,011	FALSE
-0,119	0,273	-0,003	0,010	0,133	FALSE
-0,115	0,287	-0,003	0,011	0,125	FALSE
0,167	0,277	0,005	0,013	0,147	FALSE
0,116	0,289	0,003	0,014	0,096	FALSE
-0,077	0,283	-0,004	0,009	0,165	FALSE
-0,074	0,290	-0,004	0,017	0,077	FALSE
-0,163	0,275	-0,004	0,011	0,126	FALSE
-0,166	0,275	-0,004	0,012	0,130	FALSE
-0,023	0,289	-0,002	0,010	0,056	FALSE
-0,039	0,283	-0,002	0,009	0,064	FALSE
-0,010	0,282	-0,001	0,010	0,021	FALSE
0,129	0,301	0,005	0,013	0,155	FALSE
-0,014	0,283	-0,001	0,009	0,038	FALSE
-0,003	0,289	-0,001	0,011	0,023	FALSE
0,293	0,264	0,014	0,018	0,369	FALSE
0,008	0,285	-0,001	0,012	0,015	FALSE
-0,074	0,283	-0,001	0,009	0,023	FALSE
0,071	0,295	0,008	0,018	0,177	FALSE
-0,132	0,285	-0,010	0,015	0,298	FALSE
-0,117	0,282	-0,007	0,016	0,190	FALSE
-0,149	0,280	-0,004	0,010	0,172	FALSE
-0,167	0,277	-0,005	0,009	0,207	FALSE
0,030	0,294	0,001	0,010	0,047	FALSE
-0,112	0,295	-0,004	0,011	0,132	FALSE
-0,064	0,294	-0,004	0,014	0,095	FALSE
0,018	0,298	0,002	0,018	0,031	FALSE
0,026	0,282	0,003	0,017	0,056	FALSE
-0,136	0,288	-0,005	0,009	0,207	FALSE
-0,133	0,290	-0,003	0,009	0,125	FALSE
0,082	0,287	0,004	0,017	0,087	FALSE
0,111	0,279	0,003	0,011	0,114	FALSE
0,056	0,272	0,007	0,017	0,164	FALSE
0,097	0,286	0,004	0,011	0,130	FALSE
-0,072	0,275	-0,002	0,009	0,096	FALSE
0,009	0,287	0,002	0,016	0,047	FALSE
0,031	0,285	0,000	0,010	0,013	FALSE
-0,056	0,277	-0,004	0,014	0,121	FALSE
-0,071	0,282	-0,001	0,011	0,048	FALSE
-0,081	0,271	-0,004	0,012	0,124	FALSE
0,103	0,279	0,003	0,012	0,083	FALSE
0,084	0,282	0,003	0,017	0,070	FALSE
0,080	0,283	0,005	0,017	0,114	FALSE
-0,269	0,274	-0,014	0,015	0,455	FALSE
-0,308	0,270	-0,016	0,014	0,582	FALSE
-0,144	0,296	-0,004	0,010	0,137	FALSE
-0,008	0,281	0,001	0,010	0,037	FALSE
0,011	0,278	0,000	0,010	0,017	FALSE
0,147	0,282	0,004	0,009	0,169	FALSE
0,077	0,293	0,000	0,010	0,008	FALSE

0,041	0,281	-0,001	0,010	0,026	FALSE
0,026	0,284	0,002	0,009	0,100	FALSE
-0,166	0,286	-0,004	0,010	0,172	FALSE
0,234	0,278	0,010	0,013	0,384	FALSE
-0,045	0,278	-0,002	0,012	0,051	FALSE
0,192	0,277	0,009	0,013	0,328	FALSE
-0,046	0,286	-0,003	0,014	0,074	FALSE
-0,039	0,292	-0,002	0,010	0,076	FALSE
-0,161	0,291	-0,009	0,014	0,262	FALSE
0,054	0,298	0,004	0,017	0,092	FALSE
-0,060	0,288	-0,003	0,015	0,061	FALSE
-0,046	0,285	-0,001	0,016	0,031	FALSE
-0,026	0,264	-0,001	0,016	0,019	FALSE
-0,143	0,281	-0,003	0,008	0,140	FALSE
0,093	0,287	0,004	0,017	0,103	FALSE
-0,215	0,291	-0,007	0,011	0,280	FALSE
0,087	0,283	0,003	0,013	0,095	FALSE
-0,041	0,284	-0,002	0,009	0,071	FALSE
-0,042	0,274	-0,001	0,011	0,043	FALSE
0,096	0,262	0,004	0,011	0,140	FALSE
0,053	0,290	0,005	0,016	0,112	FALSE
0,038	0,286	0,001	0,016	0,017	FALSE
0,096	0,275	0,004	0,013	0,136	FALSE
0,080	0,289	0,005	0,015	0,145	FALSE
0,055	0,280	0,002	0,013	0,051	FALSE
0,065	0,288	0,002	0,009	0,062	FALSE
0,086	0,282	0,004	0,011	0,170	FALSE
-0,183	0,281	-0,011	0,015	0,325	FALSE
0,288	0,256	0,016	0,018	0,436	FALSE
-0,014	0,301	-0,001	0,013	0,032	FALSE
0,123	0,277	0,002	0,010	0,092	FALSE
0,146	0,265	0,004	0,011	0,149	FALSE
-0,031	0,295	0,000	0,009	0,010	FALSE
-0,095	0,288	-0,003	0,017	0,054	FALSE
0,132	0,267	0,004	0,011	0,148	FALSE
0,178	0,276	0,007	0,012	0,263	FALSE
0,116	0,281	0,004	0,011	0,136	FALSE
0,011	0,293	0,001	0,013	0,035	FALSE
0,020	0,288	0,001	0,014	0,037	FALSE
-0,102	0,290	-0,003	0,009	0,129	FALSE
-0,200	0,298	-0,007	0,010	0,297	FALSE
0,155	0,287	0,008	0,015	0,230	FALSE
0,156	0,275	0,011	0,017	0,278	FALSE
0,171	0,275	0,005	0,009	0,242	FALSE
0,040	0,296	0,004	0,018	0,073	FALSE
-0,092	0,273	-0,004	0,011	0,142	FALSE
0,109	0,280	0,004	0,009	0,171	FALSE
-0,146	0,287	-0,003	0,009	0,149	FALSE
0,045	0,281	0,001	0,008	0,023	FALSE
0,162	0,284	0,004	0,010	0,166	FALSE
0,036	0,257	0,002	0,010	0,064	FALSE
-0,040	0,283	-0,002	0,016	0,058	FALSE
-0,056	0,277	-0,003	0,016	0,071	FALSE

0,044	0,269	0,004	0,017	0,099	FALSE
-0,066	0,282	-0,003	0,014	0,095	FALSE
0,033	0,283	0,001	0,013	0,016	FALSE
0,080	0,292	0,005	0,013	0,164	FALSE
0,097	0,290	0,006	0,013	0,178	FALSE
-0,091	0,273	-0,004	0,012	0,145	FALSE
0,147	0,282	0,011	0,016	0,324	FALSE
-0,230	0,258	-0,010	0,015	0,309	FALSE
-0,141	0,286	-0,004	0,011	0,153	FALSE
-0,019	0,291	-0,001	0,016	0,030	FALSE
-0,010	0,288	-0,001	0,016	0,022	FALSE
0,015	0,290	0,000	0,016	0,005	FALSE
0,015	0,294	0,000	0,016	0,003	FALSE
-0,018	0,279	0,001	0,010	0,035	FALSE
0,008	0,303	-0,001	0,016	0,013	FALSE
0,035	0,301	0,001	0,017	0,024	FALSE
0,024	0,297	0,000	0,016	0,003	FALSE
-0,033	0,303	0,000	0,011	0,009	FALSE
0,074	0,282	0,002	0,015	0,059	FALSE
0,071	0,275	0,002	0,014	0,044	FALSE
0,160	0,274	0,004	0,011	0,126	FALSE
0,129	0,283	0,002	0,011	0,073	FALSE
-0,005	0,305	0,001	0,010	0,022	FALSE
-0,100	0,274	-0,003	0,010	0,109	FALSE
0,095	0,284	0,003	0,014	0,088	FALSE
0,124	0,283	0,004	0,010	0,150	FALSE
0,119	0,285	0,004	0,012	0,138	FALSE
-0,133	0,293	-0,007	0,013	0,214	FALSE
0,081	0,286	0,004	0,009	0,183	FALSE
-0,013	0,278	0,000	0,010	0,006	FALSE
-0,052	0,281	-0,001	0,010	0,038	FALSE
-0,065	0,287	-0,002	0,010	0,084	FALSE
0,171	0,276	0,010	0,014	0,299	FALSE
0,027	0,272	0,002	0,012	0,066	FALSE
-0,065	0,273	-0,002	0,016	0,035	FALSE
-0,062	0,282	-0,002	0,017	0,042	FALSE
0,017	0,283	0,002	0,015	0,051	FALSE
0,043	0,289	0,001	0,017	0,016	FALSE
0,057	0,289	0,002	0,017	0,041	FALSE
0,182	0,285	0,011	0,016	0,312	FALSE
0,091	0,282	0,002	0,013	0,070	FALSE
0,119	0,262	0,002	0,008	0,104	FALSE
-0,024	0,284	-0,004	0,017	0,081	FALSE
-0,047	0,291	-0,002	0,011	0,052	FALSE
-0,010	0,281	-0,001	0,011	0,018	FALSE
-0,026	0,276	-0,003	0,016	0,074	FALSE
-0,023	0,275	-0,004	0,016	0,089	FALSE
-0,081	0,274	-0,003	0,009	0,160	FALSE
-0,021	0,283	-0,001	0,015	0,015	FALSE
0,216	0,273	0,010	0,012	0,368	FALSE
0,047	0,282	0,004	0,016	0,085	FALSE
0,135	0,286	0,004	0,013	0,135	FALSE
-0,140	0,277	-0,006	0,011	0,236	FALSE

-0,105	0,286	-0,004	0,011	0,164	FALSE
-0,132	0,280	-0,006	0,011	0,213	FALSE
-0,131	0,272	-0,006	0,011	0,235	FALSE
0,044	0,281	0,002	0,012	0,054	FALSE
-0,132	0,282	-0,007	0,012	0,250	FALSE
0,051	0,290	0,000	0,015	0,001	FALSE
0,159	0,282	0,005	0,012	0,178	FALSE
0,063	0,278	0,001	0,011	0,027	FALSE
-0,008	0,282	0,001	0,015	0,018	FALSE
-0,050	0,297	-0,004	0,017	0,093	FALSE
-0,152	0,279	-0,010	0,015	0,282	FALSE
-0,159	0,284	-0,011	0,016	0,304	FALSE
-0,147	0,266	-0,010	0,015	0,305	FALSE
-0,132	0,282	-0,009	0,016	0,238	FALSE
-0,089	0,276	-0,006	0,015	0,163	FALSE
-0,111	0,273	-0,007	0,015	0,196	FALSE
-0,093	0,283	-0,006	0,015	0,153	FALSE
-0,138	0,277	-0,009	0,015	0,256	FALSE
-0,090	0,274	-0,006	0,015	0,154	FALSE
-0,118	0,279	-0,007	0,016	0,187	FALSE
-0,160	0,270	-0,010	0,015	0,295	FALSE
-0,123	0,272	-0,008	0,016	0,226	FALSE
-0,110	0,275	-0,006	0,015	0,172	FALSE
-0,201	0,256	-0,012	0,015	0,393	FALSE
0,165	0,266	0,004	0,014	0,110	FALSE
-0,005	0,299	0,001	0,018	0,012	FALSE
0,110	0,291	0,004	0,011	0,159	FALSE
0,052	0,285	0,005	0,017	0,109	FALSE
0,115	0,274	0,004	0,009	0,167	FALSE
-0,024	0,287	0,000	0,009	0,010	FALSE
-0,256	0,269	-0,016	0,017	0,460	FALSE
-0,335	0,259	-0,021	0,017	0,655	FALSE
-0,209	0,272	-0,012	0,016	0,369	FALSE
-0,015	0,302	0,000	0,010	0,015	FALSE
-0,089	0,277	-0,005	0,014	0,163	FALSE
-0,084	0,292	-0,005	0,014	0,159	FALSE
-0,066	0,282	-0,004	0,014	0,129	FALSE
-0,032	0,273	0,000	0,010	0,004	FALSE
-0,113	0,293	-0,003	0,009	0,154	FALSE
0,044	0,278	0,001	0,014	0,030	FALSE
-0,017	0,285	0,000	0,013	0,013	FALSE
0,053	0,276	0,001	0,014	0,039	FALSE
0,078	0,276	0,003	0,014	0,080	FALSE
0,138	0,267	0,006	0,013	0,171	FALSE
-0,015	0,281	-0,001	0,018	0,015	FALSE
-0,141	0,280	-0,009	0,017	0,232	FALSE
-0,097	0,279	-0,006	0,016	0,155	FALSE
-0,127	0,294	-0,005	0,009	0,251	FALSE
-0,045	0,285	-0,004	0,017	0,087	FALSE
-0,076	0,274	-0,005	0,017	0,109	FALSE
-0,074	0,286	-0,003	0,017	0,073	FALSE
0,064	0,286	0,003	0,017	0,055	FALSE
-0,056	0,301	-0,001	0,014	0,020	FALSE

-0,154	0,291	-0,006	0,012	0,209	FALSE
0,055	0,265	0,001	0,011	0,036	FALSE
-0,031	0,286	-0,005	0,017	0,122	FALSE
0,117	0,282	0,003	0,014	0,075	FALSE
0,004	0,297	0,001	0,011	0,023	FALSE
-0,058	0,279	0,000	0,011	0,003	FALSE
0,171	0,272	0,006	0,010	0,258	FALSE
-0,274	0,279	-0,010	0,011	0,409	FALSE
0,039	0,284	0,002	0,014	0,058	FALSE
0,041	0,285	0,003	0,015	0,088	FALSE
0,121	0,273	0,004	0,013	0,125	FALSE
-0,182	0,275	-0,012	0,017	0,312	FALSE
-0,178	0,289	-0,011	0,018	0,288	FALSE
0,166	0,276	0,008	0,016	0,207	FALSE
0,157	0,264	0,004	0,009	0,175	FALSE
-0,105	0,290	-0,003	0,009	0,154	FALSE
0,070	0,290	0,003	0,015	0,077	FALSE
-0,106	0,281	-0,007	0,017	0,165	FALSE
-0,015	0,271	-0,001	0,016	0,030	FALSE
-0,001	0,282	0,000	0,017	0,008	FALSE
0,136	0,279	0,007	0,013	0,212	FALSE
0,063	0,272	0,001	0,010	0,051	FALSE
0,179	0,289	0,008	0,012	0,275	FALSE
0,210	0,272	0,009	0,012	0,331	FALSE
0,157	0,284	0,006	0,009	0,283	FALSE
0,010	0,283	0,000	0,013	0,003	FALSE
-0,048	0,272	-0,004	0,014	0,098	FALSE
0,132	0,272	0,004	0,010	0,173	FALSE
0,023	0,292	0,002	0,011	0,049	FALSE
0,001	0,268	0,001	0,011	0,039	FALSE
-0,011	0,292	0,001	0,010	0,046	FALSE
-0,008	0,268	0,000	0,013	0,006	FALSE
0,015	0,278	0,001	0,011	0,030	FALSE
0,254	0,272	0,009	0,010	0,446	FALSE
0,063	0,285	0,004	0,013	0,135	FALSE
0,009	0,253	0,000	0,009	0,010	FALSE
0,212	0,265	0,008	0,010	0,325	FALSE
0,143	0,269	0,005	0,016	0,130	FALSE
0,141	0,291	0,004	0,010	0,160	FALSE
-0,046	0,279	-0,001	0,015	0,033	FALSE
-0,115	0,287	-0,003	0,009	0,146	FALSE
0,248	0,267	0,012	0,013	0,462	FALSE
0,162	0,279	0,010	0,018	0,238	FALSE
-0,266	0,267	-0,012	0,014	0,414	FALSE
-0,126	0,300	-0,004	0,010	0,172	FALSE
0,238	0,259	0,007	0,009	0,347	FALSE
0,006	0,287	0,000	0,009	0,010	FALSE
0,063	0,275	0,002	0,010	0,097	FALSE
-0,051	0,285	-0,004	0,016	0,099	FALSE
-0,171	0,270	-0,008	0,016	0,227	FALSE
0,063	0,280	0,002	0,015	0,061	FALSE
-0,058	0,264	-0,004	0,013	0,133	FALSE
0,032	0,289	0,002	0,017	0,044	FALSE

0,003	0,293	-0,001	0,018	0,017	FALSE
0,097	0,286	0,005	0,016	0,125	FALSE
-0,139	0,287	-0,005	0,009	0,203	FALSE
-0,017	0,292	-0,002	0,017	0,033	FALSE
-0,144	0,283	-0,008	0,018	0,192	FALSE
0,158	0,296	0,007	0,012	0,240	FALSE
-0,125	0,291	-0,006	0,016	0,144	FALSE
-0,120	0,287	-0,005	0,013	0,150	FALSE
-0,157	0,283	-0,010	0,016	0,269	FALSE
-0,059	0,283	-0,004	0,016	0,082	FALSE
-0,014	0,276	-0,001	0,011	0,027	FALSE
0,068	0,277	0,001	0,010	0,028	FALSE
0,077	0,277	0,003	0,011	0,099	FALSE
-0,111	0,287	-0,009	0,017	0,246	FALSE
-0,154	0,273	-0,007	0,016	0,161	FALSE
0,021	0,288	0,001	0,017	0,029	FALSE
0,062	0,279	0,003	0,009	0,129	FALSE
0,098	0,282	0,004	0,010	0,142	FALSE
0,016	0,282	0,000	0,008	0,004	FALSE
-0,022	0,275	-0,001	0,009	0,039	FALSE
-0,032	0,283	0,001	0,010	0,020	FALSE
-0,110	0,279	-0,005	0,016	0,129	FALSE
-0,095	0,281	-0,003	0,010	0,106	FALSE
0,035	0,283	0,004	0,015	0,106	FALSE
0,051	0,293	0,004	0,015	0,102	FALSE
-0,220	0,262	-0,011	0,015	0,333	FALSE
-0,121	0,284	-0,010	0,018	0,241	FALSE
0,148	0,262	0,010	0,016	0,267	FALSE
0,046	0,293	0,003	0,010	0,111	FALSE
-0,065	0,291	-0,006	0,015	0,161	FALSE
-0,033	0,273	-0,003	0,017	0,053	FALSE
0,004	0,293	0,002	0,012	0,046	FALSE
0,056	0,293	0,003	0,009	0,154	FALSE
0,225	0,274	0,015	0,018	0,389	FALSE
-0,136	0,278	-0,008	0,015	0,211	FALSE
-0,099	0,275	-0,003	0,008	0,128	FALSE
-0,028	0,292	-0,003	0,014	0,069	FALSE
0,022	0,292	0,001	0,016	0,031	FALSE
-0,047	0,283	-0,002	0,011	0,052	FALSE
0,100	0,281	0,008	0,017	0,192	FALSE
-0,018	0,288	0,000	0,011	0,016	FALSE
0,198	0,280	0,008	0,016	0,233	FALSE
0,028	0,281	0,002	0,009	0,076	FALSE
0,005	0,277	0,001	0,010	0,035	FALSE
-0,058	0,284	-0,002	0,011	0,055	FALSE
0,009	0,280	0,000	0,012	0,004	FALSE
-0,143	0,283	-0,007	0,014	0,224	FALSE
-0,091	0,294	-0,002	0,015	0,046	FALSE
-0,103	0,289	-0,004	0,014	0,097	FALSE
0,073	0,275	0,001	0,017	0,012	FALSE
-0,205	0,279	-0,008	0,012	0,323	FALSE
-0,028	0,293	-0,004	0,017	0,099	FALSE
-0,266	0,282	-0,011	0,012	0,421	FALSE

0,031	0,270	0,001	0,011	0,027	FALSE
0,061	0,283	0,001	0,014	0,023	FALSE
0,059	0,298	0,002	0,015	0,037	FALSE
-0,057	0,285	-0,004	0,014	0,124	FALSE
0,191	0,276	0,007	0,012	0,240	FALSE
0,033	0,278	0,002	0,015	0,042	FALSE
0,082	0,280	0,005	0,016	0,120	FALSE
0,141	0,277	0,006	0,013	0,203	FALSE
-0,112	0,287	-0,004	0,016	0,084	FALSE
0,034	0,294	0,002	0,017	0,038	FALSE
0,019	0,276	0,000	0,009	0,010	FALSE
-0,018	0,279	-0,002	0,009	0,087	FALSE
-0,014	0,292	-0,001	0,010	0,057	FALSE
0,126	0,282	0,005	0,014	0,151	FALSE
-0,096	0,287	-0,003	0,011	0,105	FALSE
0,015	0,287	0,001	0,012	0,025	FALSE
0,004	0,278	0,001	0,011	0,033	FALSE
-0,011	0,271	-0,001	0,012	0,044	FALSE
-0,223	0,279	-0,011	0,018	0,276	FALSE
-0,092	0,273	-0,005	0,018	0,107	FALSE
-0,102	0,262	-0,004	0,012	0,124	FALSE
0,061	0,286	0,001	0,011	0,043	FALSE
-0,111	0,281	-0,004	0,014	0,098	FALSE
0,075	0,271	0,005	0,017	0,121	FALSE
-0,013	0,274	0,000	0,017	0,003	FALSE
-0,086	0,272	-0,006	0,016	0,149	FALSE
-0,126	0,272	-0,005	0,010	0,212	FALSE
-0,051	0,275	-0,001	0,016	0,023	FALSE
-0,012	0,271	-0,002	0,017	0,050	FALSE
-0,061	0,266	-0,004	0,015	0,104	FALSE
0,100	0,283	0,003	0,010	0,139	FALSE
-0,208	0,282	-0,007	0,011	0,308	FALSE
-0,004	0,298	0,000	0,010	0,017	FALSE
-0,071	0,302	-0,003	0,016	0,066	FALSE
-0,151	0,283	-0,004	0,010	0,145	FALSE
-0,064	0,283	-0,004	0,014	0,109	FALSE
0,076	0,290	0,003	0,008	0,151	FALSE
0,021	0,283	-0,001	0,013	0,027	FALSE
0,048	0,290	0,002	0,011	0,088	FALSE
-0,101	0,290	-0,003	0,010	0,121	FALSE
-0,059	0,276	-0,003	0,009	0,122	FALSE
0,156	0,271	0,009	0,017	0,226	FALSE
-0,223	0,287	-0,006	0,009	0,309	FALSE
-0,023	0,301	-0,001	0,015	0,018	FALSE
0,042	0,286	0,002	0,014	0,060	FALSE
0,128	0,280	0,004	0,011	0,155	FALSE
0,013	0,254	0,000	0,008	0,007	FALSE
0,038	0,288	0,002	0,016	0,040	FALSE
0,069	0,290	0,003	0,016	0,072	FALSE
0,034	0,275	0,000	0,013	0,003	FALSE
0,073	0,287	0,004	0,017	0,078	FALSE
0,051	0,298	0,003	0,018	0,066	FALSE
-0,006	0,282	0,002	0,011	0,072	FALSE

-0,005	0,284	0,002	0,011	0,054	FALSE
-0,107	0,284	-0,004	0,011	0,167	FALSE
0,037	0,280	0,001	0,010	0,053	FALSE
-0,010	0,280	0,000	0,012	0,006	FALSE
0,093	0,280	0,002	0,009	0,064	FALSE
-0,146	0,282	-0,005	0,012	0,177	FALSE
0,029	0,279	0,000	0,009	0,001	FALSE
0,045	0,283	0,001	0,011	0,044	FALSE
-0,127	0,274	-0,004	0,013	0,112	FALSE
0,029	0,289	0,003	0,009	0,114	FALSE
0,051	0,284	0,001	0,009	0,032	FALSE
0,231	0,287	0,014	0,016	0,414	FALSE
-0,050	0,293	-0,003	0,017	0,057	FALSE
-0,008	0,290	0,002	0,013	0,064	FALSE
-0,185	0,280	-0,007	0,012	0,255	FALSE
0,079	0,288	0,003	0,014	0,076	FALSE
-0,094	0,300	-0,004	0,015	0,106	FALSE
-0,097	0,290	-0,004	0,015	0,089	FALSE
-0,036	0,294	-0,005	0,018	0,097	FALSE
-0,002	0,286	-0,002	0,016	0,051	FALSE
-0,048	0,286	-0,005	0,017	0,109	FALSE
-0,009	0,283	-0,001	0,014	0,013	FALSE
0,033	0,273	0,002	0,010	0,089	FALSE
0,031	0,269	0,002	0,009	0,100	FALSE
-0,065	0,295	-0,004	0,017	0,081	FALSE
0,081	0,262	0,002	0,011	0,052	FALSE
-0,134	0,284	-0,004	0,017	0,083	FALSE
-0,142	0,269	-0,008	0,017	0,185	FALSE
-0,065	0,286	-0,003	0,008	0,122	FALSE
-0,152	0,283	-0,008	0,017	0,199	FALSE
-0,070	0,274	-0,001	0,008	0,056	FALSE
0,066	0,283	0,001	0,009	0,026	FALSE
-0,150	0,285	-0,007	0,016	0,181	FALSE
-0,057	0,280	-0,002	0,013	0,064	FALSE
-0,036	0,286	0,001	0,015	0,016	FALSE
0,107	0,264	0,006	0,013	0,197	FALSE
-0,060	0,283	-0,002	0,010	0,073	FALSE
0,025	0,288	-0,001	0,010	0,020	FALSE
-0,029	0,285	-0,002	0,011	0,084	FALSE
0,062	0,263	0,005	0,016	0,112	FALSE
-0,135	0,291	-0,003	0,011	0,121	FALSE
0,098	0,274	0,003	0,010	0,097	FALSE
0,092	0,298	0,003	0,015	0,082	FALSE
0,027	0,285	0,000	0,015	0,011	FALSE
0,129	0,275	0,006	0,018	0,126	FALSE
-0,055	0,285	-0,003	0,013	0,094	FALSE
0,101	0,283	0,004	0,017	0,097	FALSE
0,018	0,288	-0,001	0,018	0,023	FALSE
-0,094	0,282	-0,006	0,013	0,198	FALSE
-0,015	0,260	-0,001	0,011	0,036	FALSE
-0,015	0,286	-0,002	0,010	0,067	FALSE
-0,183	0,279	-0,007	0,013	0,214	FALSE
0,065	0,302	0,005	0,018	0,105	FALSE

0,025	0,276	-0,001	0,016	0,015	FALSE
0,088	0,290	0,003	0,011	0,104	FALSE
-0,093	0,280	-0,005	0,017	0,110	FALSE
0,085	0,278	0,005	0,016	0,118	FALSE
-0,094	0,271	-0,002	0,010	0,086	FALSE
-0,029	0,283	-0,001	0,016	0,016	FALSE
-0,013	0,269	0,000	0,014	0,009	FALSE
-0,049	0,286	-0,001	0,016	0,027	FALSE
0,006	0,290	0,002	0,015	0,045	FALSE
-0,057	0,292	-0,001	0,016	0,024	FALSE
-0,031	0,295	0,000	0,017	0,001	FALSE
-0,050	0,281	-0,001	0,016	0,029	FALSE
-0,111	0,290	-0,005	0,017	0,116	FALSE
0,065	0,277	0,004	0,015	0,090	FALSE
-0,008	0,275	-0,002	0,013	0,060	FALSE
-0,001	0,274	-0,002	0,015	0,043	FALSE
-0,144	0,283	-0,005	0,010	0,215	FALSE
-0,003	0,298	-0,001	0,017	0,029	FALSE
0,001	0,289	-0,001	0,016	0,019	FALSE
0,042	0,292	0,001	0,015	0,024	FALSE
0,015	0,273	0,003	0,010	0,116	FALSE
-0,041	0,288	-0,001	0,009	0,044	FALSE
-0,101	0,280	-0,008	0,016	0,196	FALSE
-0,015	0,279	-0,001	0,013	0,021	FALSE
-0,090	0,288	-0,006	0,013	0,184	FALSE
0,249	0,280	0,008	0,010	0,359	FALSE
0,147	0,273	0,004	0,012	0,147	FALSE
0,045	0,286	0,003	0,018	0,057	FALSE
0,037	0,287	0,002	0,017	0,049	FALSE
0,061	0,263	0,003	0,016	0,068	FALSE
-0,012	0,283	0,000	0,010	0,004	FALSE
-0,060	0,268	-0,004	0,016	0,088	FALSE
0,065	0,291	0,003	0,018	0,071	FALSE
-0,192	0,278	-0,006	0,010	0,245	FALSE
0,199	0,274	0,011	0,016	0,321	FALSE
0,089	0,277	0,002	0,015	0,045	FALSE
0,204	0,282	0,013	0,016	0,391	FALSE
-0,040	0,284	0,000	0,009	0,018	FALSE
0,023	0,287	0,000	0,017	0,007	FALSE
-0,185	0,274	-0,007	0,015	0,204	FALSE
0,148	0,280	0,009	0,017	0,226	FALSE
0,012	0,266	0,001	0,013	0,020	FALSE
0,080	0,283	0,002	0,010	0,076	FALSE
0,055	0,286	0,001	0,010	0,020	FALSE
0,015	0,283	-0,001	0,013	0,016	FALSE
-0,018	0,292	-0,001	0,014	0,036	FALSE
-0,011	0,281	-0,001	0,015	0,014	FALSE
0,150	0,274	0,005	0,009	0,209	FALSE
0,015	0,288	0,001	0,010	0,041	FALSE
-0,045	0,276	-0,003	0,013	0,093	FALSE
-0,088	0,287	-0,006	0,016	0,142	FALSE
-0,075	0,285	-0,002	0,011	0,070	FALSE
0,083	0,287	0,006	0,015	0,154	FALSE

0,077	0,280	0,005	0,010	0,179	FALSE
0,025	0,273	0,004	0,015	0,102	FALSE
-0,061	0,276	-0,002	0,010	0,078	FALSE
0,004	0,278	0,000	0,009	0,012	FALSE
-0,076	0,289	-0,002	0,012	0,053	FALSE
-0,125	0,286	-0,007	0,016	0,191	FALSE
-0,203	0,301	-0,006	0,011	0,227	FALSE
-0,226	0,263	-0,008	0,012	0,275	FALSE
-0,091	0,266	-0,006	0,013	0,192	FALSE
-0,130	0,269	-0,005	0,009	0,225	FALSE
0,085	0,288	0,006	0,016	0,141	FALSE
-0,072	0,285	-0,003	0,009	0,107	FALSE
-0,154	0,281	-0,006	0,014	0,173	FALSE
0,088	0,299	0,005	0,014	0,149	FALSE
0,085	0,274	0,005	0,011	0,207	FALSE
-0,138	0,294	-0,007	0,018	0,152	FALSE
-0,150	0,286	-0,008	0,018	0,181	FALSE
0,066	0,281	0,003	0,011	0,096	FALSE
-0,148	0,282	-0,007	0,012	0,238	FALSE
0,151	0,273	0,006	0,010	0,247	FALSE
0,149	0,279	0,005	0,011	0,172	FALSE
-0,148	0,276	-0,010	0,017	0,269	FALSE
-0,150	0,297	-0,010	0,018	0,253	FALSE
-0,038	0,291	-0,003	0,010	0,112	FALSE
-0,064	0,293	-0,003	0,010	0,098	FALSE
0,048	0,276	0,003	0,011	0,119	FALSE
0,042	0,278	0,001	0,013	0,033	FALSE
-0,155	0,298	-0,004	0,009	0,198	FALSE
0,078	0,279	0,001	0,011	0,033	FALSE
-0,010	0,298	-0,001	0,015	0,013	FALSE
-0,038	0,282	-0,002	0,010	0,081	FALSE
-0,095	0,281	-0,003	0,012	0,093	FALSE
0,028	0,303	0,001	0,016	0,023	FALSE
-0,110	0,285	-0,008	0,017	0,212	FALSE
0,034	0,284	0,001	0,008	0,035	FALSE
0,048	0,272	0,001	0,010	0,044	FALSE
0,012	0,281	0,000	0,009	0,008	FALSE
0,059	0,285	0,003	0,017	0,068	FALSE
-0,018	0,298	-0,002	0,016	0,034	FALSE
-0,126	0,270	-0,004	0,012	0,136	FALSE
-0,155	0,275	-0,005	0,011	0,199	FALSE
-0,151	0,276	-0,005	0,016	0,129	FALSE
0,045	0,293	0,002	0,013	0,069	FALSE
0,005	0,293	0,001	0,009	0,038	FALSE
0,023	0,285	0,000	0,013	0,005	FALSE
-0,085	0,289	-0,005	0,015	0,134	FALSE
0,021	0,278	0,000	0,013	0,010	FALSE
-0,030	0,272	-0,002	0,015	0,056	FALSE
-0,083	0,288	-0,003	0,011	0,095	FALSE
0,078	0,277	0,006	0,017	0,136	FALSE
-0,049	0,275	-0,001	0,016	0,020	FALSE
0,036	0,293	0,002	0,009	0,088	FALSE
-0,169	0,268	-0,008	0,017	0,202	FALSE

0,049	0,294	0,002	0,009	0,088	FALSE
-0,114	0,287	-0,004	0,010	0,170	FALSE
-0,118	0,276	-0,008	0,014	0,238	FALSE
0,181	0,273	0,008	0,017	0,207	FALSE
-0,069	0,290	0,000	0,017	0,009	FALSE
0,011	0,275	0,000	0,017	0,006	FALSE
-0,093	0,266	-0,005	0,016	0,112	FALSE
-0,150	0,293	-0,003	0,009	0,119	FALSE
0,101	0,282	0,004	0,009	0,182	FALSE
-0,001	0,293	-0,001	0,011	0,020	FALSE
-0,106	0,287	-0,006	0,017	0,126	FALSE
-0,150	0,283	-0,009	0,018	0,207	FALSE
-0,140	0,288	-0,008	0,018	0,186	FALSE
-0,126	0,276	-0,008	0,017	0,182	FALSE
-0,044	0,273	-0,002	0,011	0,079	FALSE
-0,082	0,293	-0,003	0,009	0,108	FALSE
-0,049	0,283	-0,001	0,009	0,055	FALSE
0,022	0,286	0,001	0,009	0,039	FALSE
0,059	0,288	0,002	0,015	0,038	FALSE
0,214	0,274	0,007	0,010	0,316	FALSE
0,139	0,276	0,007	0,012	0,251	FALSE
0,195	0,277	0,009	0,013	0,334	FALSE
0,136	0,283	0,004	0,011	0,167	FALSE
0,085	0,271	0,004	0,009	0,173	FALSE
0,114	0,283	0,002	0,009	0,084	FALSE
-0,036	0,293	-0,002	0,010	0,083	FALSE
-0,104	0,268	-0,008	0,016	0,196	FALSE
0,049	0,278	0,002	0,014	0,049	FALSE
0,054	0,274	0,001	0,016	0,028	FALSE
0,151	0,290	0,009	0,014	0,272	FALSE
0,076	0,276	0,002	0,013	0,071	FALSE
0,111	0,277	0,004	0,012	0,115	FALSE
0,026	0,285	0,004	0,017	0,094	FALSE
-0,125	0,277	-0,010	0,017	0,248	FALSE
-0,049	0,288	-0,003	0,017	0,071	FALSE
0,051	0,275	0,003	0,012	0,110	FALSE
0,017	0,272	0,000	0,009	0,002	FALSE
-0,102	0,296	-0,007	0,018	0,156	FALSE
0,046	0,276	0,002	0,008	0,096	FALSE
-0,113	0,282	-0,004	0,009	0,206	FALSE
-0,115	0,269	-0,004	0,012	0,137	FALSE
0,085	0,300	0,004	0,010	0,159	FALSE
-0,042	0,278	-0,001	0,013	0,022	FALSE
0,004	0,289	0,001	0,009	0,047	FALSE
-0,117	0,277	-0,008	0,016	0,196	FALSE
0,054	0,269	0,002	0,016	0,053	FALSE
-0,028	0,279	-0,001	0,014	0,035	FALSE
-0,066	0,287	-0,002	0,009	0,066	FALSE
-0,055	0,300	-0,004	0,018	0,082	FALSE
0,028	0,285	0,002	0,017	0,053	FALSE
0,010	0,293	0,001	0,011	0,028	FALSE
-0,076	0,282	-0,002	0,017	0,055	FALSE
-0,145	0,288	-0,008	0,017	0,181	FALSE

-0,034	0,288	-0,002	0,012	0,063	FALSE
0,143	0,279	0,007	0,014	0,192	FALSE
-0,143	0,281	-0,006	0,017	0,145	FALSE
-0,049	0,273	0,000	0,009	0,012	FALSE
-0,081	0,273	-0,002	0,009	0,092	FALSE
0,102	0,297	0,006	0,014	0,165	FALSE
-0,100	0,285	-0,002	0,008	0,112	FALSE
-0,063	0,295	-0,001	0,012	0,038	FALSE
0,137	0,282	0,007	0,016	0,165	FALSE
0,097	0,284	0,002	0,013	0,040	FALSE
0,138	0,276	0,004	0,009	0,206	FALSE
0,127	0,268	0,004	0,008	0,191	FALSE
0,032	0,292	0,002	0,015	0,040	FALSE
0,071	0,278	0,004	0,015	0,119	FALSE
0,077	0,273	0,003	0,009	0,129	FALSE
-0,026	0,280	-0,001	0,015	0,013	FALSE
-0,066	0,283	-0,003	0,011	0,111	FALSE
0,069	0,289	0,005	0,014	0,129	FALSE
0,079	0,285	0,008	0,017	0,192	FALSE
0,017	0,271	0,002	0,016	0,044	FALSE
0,073	0,280	0,003	0,011	0,091	FALSE
0,146	0,294	0,006	0,015	0,178	FALSE
0,065	0,292	0,003	0,010	0,136	FALSE
-0,092	0,284	-0,005	0,017	0,125	FALSE
0,006	0,292	0,000	0,016	0,004	FALSE
0,083	0,301	0,007	0,017	0,154	FALSE
-0,059	0,284	-0,002	0,017	0,042	FALSE
-0,099	0,280	-0,003	0,012	0,104	FALSE
0,069	0,284	0,003	0,017	0,062	FALSE
0,081	0,275	0,004	0,017	0,087	FALSE
0,093	0,277	0,001	0,008	0,055	FALSE
0,073	0,280	0,002	0,014	0,057	FALSE
0,165	0,277	0,006	0,013	0,206	FALSE
0,160	0,285	0,007	0,014	0,227	FALSE
-0,008	0,298	-0,004	0,018	0,075	FALSE
-0,078	0,281	-0,004	0,013	0,111	FALSE
0,040	0,284	0,003	0,012	0,079	FALSE
-0,120	0,263	-0,007	0,016	0,161	FALSE
-0,051	0,292	-0,002	0,013	0,056	FALSE
-0,109	0,266	-0,005	0,014	0,148	FALSE
0,039	0,287	0,002	0,015	0,037	FALSE
0,155	0,277	0,010	0,017	0,260	FALSE
-0,173	0,284	-0,006	0,013	0,198	FALSE
-0,013	0,281	-0,001	0,012	0,030	FALSE
-0,010	0,284	-0,001	0,013	0,014	FALSE
-0,040	0,291	-0,001	0,009	0,021	FALSE
0,151	0,267	0,005	0,014	0,155	FALSE
0,108	0,291	0,007	0,017	0,158	FALSE
0,151	0,288	0,005	0,009	0,249	FALSE
0,182	0,278	0,009	0,018	0,214	FALSE
0,189	0,275	0,010	0,017	0,236	FALSE
-0,073	0,279	-0,002	0,012	0,047	FALSE
-0,018	0,287	0,001	0,013	0,016	FALSE

-0,019	0,293	0,000	0,018	0,000	FALSE
-0,115	0,290	-0,005	0,012	0,158	FALSE
0,026	0,266	0,000	0,009	0,000	FALSE
-0,092	0,281	-0,003	0,012	0,097	FALSE
-0,014	0,281	-0,001	0,014	0,027	FALSE
-0,031	0,287	0,000	0,017	0,009	FALSE
0,007	0,290	0,001	0,013	0,025	FALSE
-0,036	0,275	-0,002	0,009	0,072	FALSE
0,055	0,296	0,006	0,015	0,150	FALSE
-0,157	0,263	-0,012	0,017	0,309	FALSE
-0,019	0,268	0,001	0,015	0,018	FALSE
0,227	0,275	0,010	0,014	0,315	FALSE
0,137	0,288	0,005	0,012	0,152	FALSE
-0,012	0,283	0,001	0,009	0,058	FALSE
-0,114	0,282	-0,005	0,014	0,128	FALSE
-0,024	0,287	-0,002	0,012	0,076	FALSE
-0,124	0,279	-0,004	0,014	0,121	FALSE
-0,063	0,283	-0,005	0,015	0,147	FALSE
0,107	0,287	0,006	0,012	0,209	FALSE
-0,093	0,280	-0,002	0,017	0,054	FALSE
0,091	0,273	0,005	0,010	0,197	FALSE
0,037	0,287	0,002	0,014	0,046	FALSE
0,129	0,278	0,008	0,015	0,229	FALSE
-0,059	0,271	-0,004	0,015	0,105	FALSE
0,061	0,276	0,000	0,010	0,006	FALSE
-0,094	0,274	-0,004	0,014	0,114	FALSE
-0,068	0,291	-0,002	0,010	0,083	FALSE
-0,099	0,266	-0,010	0,016	0,278	FALSE
-0,106	0,297	-0,004	0,011	0,164	FALSE
0,186	0,288	0,012	0,018	0,294	FALSE
0,218	0,276	0,014	0,017	0,378	FALSE
-0,062	0,270	-0,004	0,016	0,104	FALSE
-0,072	0,277	-0,006	0,016	0,159	FALSE
0,097	0,288	0,003	0,009	0,143	FALSE
-0,005	0,279	-0,001	0,011	0,030	FALSE
0,048	0,288	0,003	0,016	0,064	FALSE
0,086	0,282	0,004	0,015	0,109	FALSE
0,101	0,279	0,004	0,012	0,131	FALSE
-0,103	0,286	-0,005	0,015	0,118	FALSE
0,036	0,267	0,004	0,013	0,122	FALSE
0,082	0,269	0,000	0,017	0,009	FALSE
0,048	0,262	-0,002	0,017	0,042	FALSE
-0,165	0,280	-0,009	0,016	0,256	FALSE
0,042	0,285	0,003	0,013	0,085	FALSE
-0,075	0,273	-0,003	0,011	0,102	FALSE
-0,090	0,273	-0,003	0,014	0,091	FALSE
-0,015	0,279	-0,001	0,014	0,022	FALSE
-0,028	0,284	-0,002	0,016	0,050	FALSE
-0,155	0,283	-0,008	0,013	0,245	FALSE
-0,033	0,285	-0,001	0,017	0,021	FALSE
0,081	0,266	0,002	0,012	0,062	FALSE
0,102	0,287	0,006	0,014	0,158	FALSE
0,116	0,276	0,005	0,017	0,124	FALSE

-0,080	0,297	-0,004	0,015	0,101	FALSE
0,066	0,266	0,002	0,011	0,060	FALSE
0,021	0,277	0,002	0,012	0,066	FALSE
-0,030	0,278	-0,003	0,017	0,066	FALSE
0,141	0,279	0,005	0,013	0,160	FALSE
-0,153	0,295	-0,005	0,012	0,169	FALSE
0,091	0,268	0,003	0,011	0,094	FALSE
0,151	0,279	0,008	0,013	0,254	FALSE
-0,052	0,292	0,000	0,011	0,011	FALSE
-0,241	0,255	-0,010	0,015	0,310	FALSE
-0,128	0,267	-0,008	0,015	0,216	FALSE
0,102	0,299	0,005	0,014	0,142	FALSE
-0,116	0,296	-0,003	0,011	0,126	FALSE
-0,137	0,289	-0,004	0,010	0,143	FALSE
-0,215	0,265	-0,010	0,012	0,404	FALSE
0,245	0,277	0,014	0,018	0,372	FALSE
0,000	0,290	0,001	0,010	0,033	FALSE
-0,088	0,290	-0,002	0,014	0,057	FALSE
0,012	0,288	-0,001	0,015	0,015	FALSE
0,015	0,285	0,001	0,013	0,025	FALSE
-0,221	0,287	-0,006	0,009	0,311	FALSE
0,058	0,287	0,000	0,016	0,011	FALSE
-0,057	0,300	-0,002	0,017	0,033	FALSE
0,163	0,277	0,004	0,008	0,200	FALSE
0,043	0,289	0,001	0,013	0,041	FALSE
-0,037	0,276	-0,002	0,015	0,051	FALSE
0,035	0,306	0,003	0,018	0,064	FALSE
0,058	0,291	0,003	0,018	0,073	FALSE
-0,137	0,289	-0,007	0,016	0,196	FALSE
-0,027	0,283	0,001	0,014	0,018	FALSE
0,110	0,276	0,006	0,013	0,193	FALSE
0,111	0,272	0,005	0,012	0,165	FALSE
0,096	0,280	0,005	0,012	0,154	FALSE
-0,017	0,296	0,000	0,010	0,013	FALSE
-0,179	0,279	-0,008	0,014	0,244	FALSE
-0,147	0,268	-0,003	0,010	0,136	FALSE
0,086	0,285	0,003	0,010	0,127	FALSE
0,166	0,268	0,009	0,017	0,219	FALSE
0,058	0,291	0,002	0,016	0,041	FALSE
-0,123	0,269	-0,005	0,015	0,135	FALSE
-0,019	0,280	-0,002	0,011	0,058	FALSE
-0,254	0,287	-0,007	0,009	0,370	FALSE
-0,159	0,260	-0,006	0,016	0,149	FALSE
-0,089	0,265	-0,007	0,015	0,204	FALSE
-0,109	0,284	-0,005	0,009	0,226	FALSE
-0,126	0,287	-0,005	0,009	0,231	FALSE
-0,032	0,283	-0,002	0,015	0,055	FALSE
0,174	0,257	0,005	0,017	0,120	FALSE
0,200	0,259	0,010	0,017	0,259	FALSE
-0,026	0,286	0,001	0,010	0,045	FALSE
0,056	0,294	0,001	0,009	0,029	FALSE
0,085	0,282	0,007	0,015	0,190	FALSE
0,017	0,285	-0,001	0,016	0,021	FALSE

0,020	0,292	0,001	0,017	0,021	FALSE
-0,083	0,288	-0,003	0,017	0,072	FALSE
0,110	0,276	0,004	0,010	0,174	FALSE
0,009	0,277	0,002	0,015	0,059	FALSE
0,117	0,278	0,006	0,014	0,184	FALSE
-0,009	0,303	0,000	0,010	0,004	FALSE
-0,139	0,285	-0,007	0,018	0,159	FALSE
-0,078	0,285	-0,002	0,010	0,079	FALSE
0,132	0,276	0,004	0,011	0,146	FALSE
-0,148	0,282	-0,006	0,015	0,168	FALSE
-0,008	0,287	0,000	0,009	0,013	FALSE
0,055	0,295	0,002	0,016	0,049	FALSE
0,155	0,286	0,006	0,010	0,266	FALSE
0,033	0,282	0,002	0,013	0,050	FALSE
0,109	0,292	0,003	0,011	0,120	FALSE
0,165	0,285	0,007	0,016	0,198	FALSE
0,061	0,271	0,001	0,009	0,027	FALSE
0,058	0,279	0,002	0,012	0,048	FALSE
-0,079	0,288	-0,002	0,009	0,103	FALSE
-0,076	0,284	-0,006	0,014	0,163	FALSE
0,113	0,281	0,002	0,010	0,079	FALSE
0,075	0,283	0,002	0,011	0,062	FALSE
-0,132	0,282	-0,007	0,014	0,215	TRUE
-0,090	0,283	-0,003	0,015	0,075	FALSE
-0,106	0,288	-0,005	0,015	0,140	FALSE
0,160	0,278	0,008	0,015	0,241	FALSE
-0,081	0,287	-0,003	0,012	0,092	FALSE
0,006	0,299	0,001	0,009	0,026	FALSE
0,059	0,276	0,002	0,009	0,098	FALSE
-0,035	0,281	-0,001	0,010	0,037	FALSE
0,069	0,294	0,003	0,017	0,068	FALSE
-0,055	0,297	-0,003	0,017	0,067	FALSE
-0,044	0,290	-0,002	0,017	0,038	FALSE
0,104	0,271	0,003	0,012	0,097	FALSE
0,008	0,296	0,002	0,011	0,055	FALSE
0,081	0,276	0,006	0,016	0,157	FALSE
-0,060	0,263	-0,005	0,016	0,130	FALSE
0,037	0,281	0,003	0,014	0,083	FALSE
0,046	0,290	0,000	0,016	0,010	FALSE
0,045	0,298	0,001	0,016	0,018	FALSE
-0,142	0,272	-0,004	0,008	0,170	FALSE
0,178	0,266	0,006	0,010	0,271	FALSE
-0,186	0,278	-0,006	0,011	0,247	FALSE
0,090	0,284	0,003	0,011	0,098	FALSE
0,034	0,275	-0,001	0,010	0,035	FALSE
0,219	0,279	0,008	0,014	0,262	FALSE
0,243	0,267	0,008	0,010	0,387	FALSE
0,129	0,272	0,004	0,009	0,194	FALSE
-0,072	0,270	-0,004	0,010	0,135	FALSE
-0,118	0,279	-0,004	0,015	0,094	FALSE
-0,065	0,279	-0,001	0,014	0,022	FALSE
0,083	0,275	0,002	0,011	0,066	FALSE
0,015	0,286	0,001	0,009	0,032	FALSE

-0,115	0,285	-0,008	0,016	0,206	FALSE
0,025	0,288	0,001	0,009	0,037	FALSE
0,226	0,264	0,005	0,008	0,289	FALSE
-0,186	0,263	-0,006	0,009	0,277	FALSE
0,131	0,293	0,008	0,016	0,225	FALSE
0,136	0,276	0,006	0,013	0,194	FALSE
-0,033	0,281	-0,001	0,015	0,026	FALSE
0,067	0,283	0,002	0,014	0,060	FALSE
0,017	0,299	0,002	0,018	0,032	FALSE
0,015	0,296	0,002	0,017	0,045	FALSE
-0,160	0,273	-0,006	0,014	0,170	FALSE
-0,127	0,283	-0,004	0,011	0,143	FALSE
0,013	0,282	0,000	0,011	0,015	FALSE
0,010	0,277	0,002	0,014	0,047	FALSE
-0,115	0,280	-0,004	0,013	0,142	FALSE
0,097	0,273	0,002	0,011	0,063	FALSE
0,024	0,279	0,001	0,014	0,014	FALSE
-0,047	0,287	-0,004	0,016	0,102	FALSE
-0,143	0,279	-0,010	0,017	0,265	FALSE
-0,023	0,289	-0,001	0,011	0,017	FALSE
-0,121	0,276	-0,003	0,011	0,099	FALSE
-0,123	0,277	-0,003	0,011	0,127	FALSE
-0,002	0,285	-0,001	0,009	0,033	FALSE
0,079	0,279	0,003	0,014	0,086	FALSE
-0,054	0,284	-0,001	0,012	0,047	FALSE
0,009	0,290	0,003	0,016	0,070	FALSE
-0,184	0,284	-0,006	0,011	0,223	FALSE
-0,002	0,261	0,001	0,016	0,031	FALSE
-0,008	0,288	0,000	0,013	0,005	FALSE
0,087	0,275	0,006	0,013	0,185	FALSE
0,014	0,275	0,001	0,009	0,044	FALSE
0,080	0,274	0,003	0,016	0,072	FALSE
-0,099	0,284	-0,002	0,008	0,069	FALSE
0,021	0,268	0,001	0,017	0,025	FALSE
0,039	0,272	0,001	0,009	0,044	FALSE
-0,016	0,288	-0,001	0,017	0,016	FALSE
-0,117	0,288	-0,002	0,009	0,085	FALSE
-0,032	0,276	-0,001	0,009	0,049	FALSE
0,076	0,287	0,006	0,014	0,153	FALSE
0,020	0,277	0,001	0,011	0,032	FALSE
0,013	0,288	0,002	0,016	0,056	FALSE
-0,179	0,290	-0,006	0,009	0,303	FALSE
-0,079	0,279	-0,002	0,013	0,065	FALSE
0,124	0,283	0,003	0,009	0,153	FALSE
-0,079	0,268	-0,005	0,013	0,152	FALSE
-0,079	0,292	-0,002	0,009	0,095	FALSE
0,031	0,280	0,001	0,015	0,031	FALSE
-0,077	0,271	-0,003	0,012	0,101	FALSE
0,038	0,278	0,001	0,012	0,044	FALSE
0,175	0,282	0,006	0,012	0,227	FALSE
0,018	0,304	0,001	0,013	0,021	FALSE
0,055	0,276	0,004	0,014	0,095	FALSE
0,011	0,292	0,001	0,013	0,021	FALSE

0,122	0,282	0,007	0,015	0,207	FALSE
-0,067	0,288	-0,004	0,017	0,099	FALSE
-0,016	0,284	-0,004	0,017	0,088	FALSE
-0,053	0,278	-0,001	0,017	0,028	FALSE
-0,007	0,289	-0,003	0,017	0,056	FALSE
-0,059	0,284	-0,002	0,009	0,074	FALSE
-0,161	0,293	-0,003	0,009	0,148	FALSE
-0,101	0,281	-0,004	0,011	0,170	FALSE
-0,184	0,264	-0,012	0,017	0,326	FALSE
-0,096	0,287	-0,006	0,013	0,179	FALSE
-0,146	0,269	-0,008	0,013	0,269	FALSE
-0,085	0,284	-0,004	0,012	0,148	FALSE
-0,063	0,277	-0,002	0,013	0,063	FALSE
-0,159	0,271	-0,006	0,012	0,200	FALSE
-0,067	0,283	-0,001	0,012	0,036	FALSE
-0,126	0,280	-0,005	0,012	0,158	FALSE
-0,100	0,290	-0,006	0,018	0,134	FALSE
-0,221	0,272	-0,011	0,017	0,286	FALSE
-0,075	0,278	-0,004	0,016	0,103	FALSE
0,058	0,289	0,002	0,012	0,064	FALSE
-0,021	0,289	-0,003	0,013	0,085	FALSE
-0,108	0,296	-0,002	0,009	0,070	FALSE
-0,054	0,284	-0,002	0,014	0,046	FALSE
0,025	0,298	0,003	0,018	0,072	FALSE
-0,029	0,286	0,000	0,017	0,009	FALSE
0,106	0,288	0,005	0,011	0,214	FALSE
0,018	0,276	0,000	0,015	0,005	FALSE
0,037	0,287	0,001	0,017	0,021	FALSE
0,005	0,281	-0,001	0,015	0,014	FALSE
0,111	0,270	0,003	0,012	0,101	FALSE
0,139	0,269	0,009	0,017	0,228	FALSE
0,139	0,287	0,006	0,015	0,176	FALSE
0,147	0,278	0,007	0,015	0,202	FALSE
-0,015	0,277	-0,001	0,018	0,028	FALSE
-0,005	0,281	0,000	0,017	0,007	FALSE
-0,021	0,270	-0,002	0,010	0,081	FALSE
0,006	0,272	0,002	0,016	0,046	FALSE
0,065	0,282	0,002	0,013	0,063	FALSE
0,084	0,272	0,004	0,013	0,107	FALSE
-0,050	0,287	-0,002	0,014	0,043	FALSE
-0,195	0,279	-0,009	0,014	0,297	FALSE
-0,052	0,290	-0,003	0,018	0,051	FALSE
-0,157	0,282	-0,007	0,014	0,206	FALSE
0,223	0,278	0,010	0,015	0,310	FALSE
-0,038	0,274	-0,002	0,016	0,042	FALSE
-0,083	0,269	-0,003	0,015	0,086	FALSE
0,120	0,274	0,003	0,008	0,136	FALSE
-0,090	0,277	-0,004	0,014	0,108	FALSE
-0,065	0,287	-0,002	0,010	0,068	FALSE
0,149	0,278	0,004	0,012	0,147	FALSE
0,125	0,262	0,005	0,014	0,138	FALSE
-0,105	0,280	-0,004	0,013	0,109	FALSE
-0,115	0,282	-0,005	0,013	0,147	FALSE

-0,108	0,282	-0,004	0,017	0,099	FALSE
-0,023	0,286	0,000	0,014	0,010	FALSE
-0,145	0,286	-0,004	0,011	0,140	FALSE
0,259	0,262	0,011	0,013	0,413	FALSE
-0,117	0,277	-0,004	0,011	0,153	FALSE
-0,007	0,282	0,001	0,016	0,032	FALSE
-0,046	0,279	-0,001	0,009	0,046	FALSE
-0,125	0,289	-0,004	0,010	0,181	FALSE
0,034	0,286	0,003	0,018	0,065	FALSE
0,263	0,286	0,010	0,011	0,437	FALSE
0,018	0,273	0,000	0,009	0,004	FALSE
-0,093	0,290	-0,005	0,013	0,141	FALSE
0,086	0,278	0,004	0,015	0,091	FALSE
-0,037	0,294	-0,003	0,018	0,060	FALSE
0,159	0,291	0,007	0,014	0,208	FALSE
0,019	0,282	0,004	0,017	0,078	FALSE
0,009	0,296	0,001	0,017	0,032	FALSE
-0,024	0,276	0,000	0,013	0,011	FALSE
0,043	0,269	0,000	0,015	0,001	FALSE
0,092	0,278	0,002	0,014	0,068	FALSE
-0,216	0,288	-0,007	0,010	0,314	FALSE
0,051	0,291	0,004	0,017	0,080	FALSE
-0,076	0,274	-0,003	0,013	0,078	FALSE
-0,146	0,289	-0,007	0,017	0,179	FALSE
-0,083	0,277	-0,004	0,014	0,119	FALSE
0,045	0,292	0,002	0,010	0,080	FALSE
0,152	0,263	0,008	0,017	0,193	FALSE
0,055	0,280	0,004	0,017	0,092	FALSE
-0,072	0,280	-0,003	0,011	0,096	FALSE
-0,031	0,292	-0,001	0,011	0,041	FALSE
0,075	0,289	0,002	0,019	0,043	FALSE
-0,033	0,285	-0,002	0,017	0,048	FALSE
0,222	0,255	0,007	0,013	0,230	FALSE
-0,082	0,286	-0,004	0,017	0,081	FALSE
0,164	0,290	0,009	0,017	0,215	FALSE
0,120	0,291	0,006	0,017	0,129	FALSE
-0,187	0,280	-0,009	0,015	0,264	FALSE
0,085	0,295	0,005	0,016	0,109	FALSE
0,125	0,287	0,007	0,011	0,279	FALSE
0,105	0,292	0,005	0,010	0,217	FALSE
-0,058	0,293	-0,003	0,014	0,083	FALSE
0,086	0,287	0,004	0,010	0,152	FALSE
0,074	0,288	0,003	0,018	0,063	FALSE
0,076	0,286	0,002	0,010	0,062	FALSE
-0,034	0,273	-0,001	0,014	0,026	FALSE
-0,001	0,286	-0,003	0,011	0,085	FALSE
-0,015	0,289	0,001	0,013	0,025	FALSE
0,065	0,266	0,002	0,017	0,037	FALSE
0,141	0,283	0,005	0,009	0,213	FALSE
-0,135	0,274	-0,004	0,009	0,204	FALSE
-0,016	0,286	0,000	0,009	0,019	FALSE
0,014	0,291	0,002	0,013	0,061	FALSE
0,011	0,294	0,001	0,013	0,023	FALSE

0,001	0,275	0,001	0,016	0,018	FALSE
-0,052	0,268	-0,004	0,013	0,128	FALSE
-0,032	0,296	0,000	0,009	0,005	FALSE
-0,093	0,285	-0,007	0,017	0,159	FALSE
-0,092	0,264	-0,003	0,010	0,118	FALSE
-0,073	0,292	-0,003	0,012	0,090	FALSE
-0,051	0,286	-0,002	0,016	0,052	FALSE
0,003	0,293	0,000	0,016	0,006	FALSE
-0,094	0,273	-0,004	0,010	0,138	FALSE
-0,070	0,262	-0,005	0,017	0,119	FALSE
0,225	0,263	0,007	0,010	0,329	FALSE
-0,064	0,262	-0,005	0,017	0,108	FALSE
-0,055	0,255	-0,004	0,016	0,094	FALSE
0,167	0,278	0,005	0,009	0,250	FALSE
0,111	0,279	0,005	0,013	0,146	FALSE
-0,014	0,298	0,000	0,010	0,006	FALSE
0,135	0,283	0,007	0,013	0,227	FALSE
0,006	0,291	0,001	0,017	0,022	FALSE
-0,001	0,283	0,002	0,011	0,070	FALSE
0,098	0,276	0,004	0,016	0,094	FALSE
0,054	0,276	0,003	0,009	0,119	FALSE
-0,012	0,284	0,000	0,008	0,012	FALSE
0,045	0,277	0,002	0,009	0,072	FALSE
-0,184	0,270	-0,006	0,010	0,256	FALSE
0,058	0,291	0,002	0,016	0,035	FALSE
-0,166	0,278	-0,010	0,017	0,259	FALSE
-0,114	0,277	-0,006	0,014	0,179	FALSE
0,118	0,270	0,005	0,009	0,242	FALSE
0,129	0,285	0,007	0,016	0,165	FALSE
0,162	0,279	0,008	0,016	0,220	FALSE
0,062	0,293	0,003	0,013	0,096	FALSE
-0,004	0,297	-0,001	0,017	0,026	FALSE
-0,148	0,258	-0,010	0,014	0,327	FALSE
-0,109	0,273	-0,004	0,010	0,168	FALSE
-0,017	0,291	-0,001	0,010	0,026	FALSE
0,037	0,287	0,001	0,009	0,029	FALSE
-0,075	0,280	-0,001	0,008	0,049	FALSE
0,056	0,284	0,003	0,017	0,060	FALSE
-0,066	0,286	-0,001	0,012	0,037	FALSE
0,083	0,263	0,003	0,011	0,118	FALSE
0,079	0,284	0,003	0,015	0,087	FALSE
-0,066	0,277	-0,006	0,017	0,147	FALSE
-0,024	0,287	0,001	0,018	0,012	FALSE
0,131	0,261	0,004	0,011	0,156	FALSE
0,030	0,296	0,001	0,011	0,020	FALSE
0,092	0,273	0,004	0,015	0,100	FALSE
0,070	0,285	0,003	0,014	0,083	FALSE
-0,015	0,263	0,002	0,016	0,037	FALSE
-0,110	0,284	-0,005	0,012	0,170	FALSE
0,061	0,284	0,003	0,017	0,056	FALSE
0,009	0,279	0,001	0,017	0,025	FALSE
0,024	0,287	0,003	0,017	0,070	FALSE
-0,118	0,291	-0,004	0,011	0,159	FALSE

-0,113	0,285	-0,004	0,011	0,153	FALSE
0,126	0,278	0,004	0,010	0,184	FALSE
-0,103	0,285	-0,005	0,011	0,172	FALSE
0,009	0,293	0,002	0,015	0,044	FALSE
-0,129	0,284	-0,003	0,009	0,130	FALSE
-0,015	0,282	0,001	0,010	0,037	FALSE
0,146	0,287	0,008	0,014	0,244	FALSE
-0,156	0,291	-0,007	0,018	0,158	FALSE
0,055	0,298	0,002	0,013	0,060	FALSE
-0,054	0,276	-0,004	0,014	0,101	FALSE
-0,078	0,277	-0,005	0,015	0,143	FALSE
0,016	0,281	0,000	0,009	0,017	FALSE
0,049	0,292	0,001	0,012	0,042	FALSE
0,074	0,300	0,004	0,017	0,080	FALSE
0,089	0,285	0,004	0,016	0,097	FALSE
0,032	0,271	0,001	0,008	0,054	FALSE
0,091	0,272	0,006	0,016	0,145	FALSE
-0,041	0,288	-0,002	0,016	0,047	FALSE
-0,166	0,272	-0,005	0,012	0,186	FALSE
0,045	0,280	0,000	0,016	0,002	FALSE
0,050	0,274	0,000	0,016	0,005	FALSE
-0,054	0,279	-0,002	0,012	0,051	FALSE
0,139	0,288	0,010	0,016	0,262	FALSE
-0,105	0,288	-0,006	0,017	0,131	FALSE
0,141	0,288	0,008	0,016	0,219	FALSE
-0,267	0,268	-0,009	0,010	0,446	FALSE
-0,050	0,294	-0,002	0,012	0,051	FALSE
0,125	0,275	0,003	0,010	0,118	FALSE
-0,044	0,282	-0,001	0,017	0,019	FALSE
-0,125	0,288	-0,007	0,015	0,179	FALSE
0,011	0,281	0,002	0,011	0,056	FALSE
-0,001	0,282	0,001	0,011	0,035	FALSE
-0,072	0,280	-0,004	0,013	0,118	FALSE
0,126	0,276	0,008	0,017	0,191	FALSE
0,232	0,274	0,008	0,012	0,319	FALSE
0,150	0,288	0,005	0,012	0,171	FALSE
0,102	0,280	0,003	0,012	0,111	FALSE
0,119	0,274	0,004	0,012	0,138	FALSE
0,173	0,271	0,004	0,009	0,198	FALSE
-0,080	0,280	-0,004	0,017	0,098	FALSE
-0,068	0,283	-0,003	0,017	0,068	FALSE
-0,234	0,281	-0,009	0,011	0,359	FALSE
-0,144	0,274	-0,007	0,014	0,214	FALSE
-0,133	0,274	-0,007	0,014	0,196	FALSE
0,075	0,280	0,003	0,011	0,115	FALSE
0,037	0,278	0,003	0,014	0,075	FALSE
-0,036	0,284	-0,002	0,017	0,039	FALSE
0,039	0,298	0,002	0,014	0,058	FALSE
-0,058	0,292	-0,002	0,013	0,058	FALSE
0,062	0,276	0,003	0,016	0,081	FALSE
0,024	0,287	0,003	0,016	0,074	FALSE
0,042	0,274	0,003	0,012	0,083	FALSE
-0,135	0,274	-0,006	0,014	0,182	FALSE

-0,023	0,290	0,000	0,017	0,002	FALSE
0,010	0,266	0,003	0,010	0,114	FALSE
-0,050	0,285	-0,003	0,014	0,081	FALSE
-0,099	0,295	-0,002	0,010	0,098	FALSE
-0,016	0,290	-0,001	0,017	0,014	FALSE
-0,178	0,270	-0,010	0,014	0,305	FALSE
0,113	0,275	0,003	0,010	0,120	FALSE
0,074	0,283	0,002	0,009	0,065	FALSE
0,106	0,284	0,004	0,010	0,141	FALSE
0,046	0,301	0,001	0,011	0,034	FALSE
0,105	0,288	0,005	0,017	0,112	FALSE
-0,064	0,272	-0,002	0,009	0,078	FALSE
-0,095	0,289	-0,002	0,015	0,048	FALSE
-0,146	0,303	-0,004	0,010	0,148	FALSE
0,011	0,294	0,000	0,012	0,006	FALSE
0,164	0,279	0,005	0,010	0,216	FALSE
-0,077	0,280	-0,002	0,011	0,053	FALSE
-0,044	0,285	-0,001	0,010	0,024	FALSE
0,089	0,274	0,002	0,009	0,080	FALSE
0,115	0,286	0,002	0,011	0,071	FALSE
0,016	0,280	-0,001	0,015	0,018	FALSE
0,119	0,282	0,003	0,013	0,082	FALSE
-0,051	0,285	-0,005	0,016	0,135	FALSE
-0,074	0,303	-0,002	0,009	0,074	FALSE
-0,107	0,290	-0,003	0,009	0,112	FALSE
-0,072	0,291	-0,001	0,009	0,056	FALSE
0,044	0,288	0,001	0,017	0,018	FALSE
0,035	0,287	0,000	0,017	0,001	FALSE
0,074	0,279	0,003	0,013	0,094	FALSE
-0,146	0,279	-0,004	0,009	0,181	FALSE
0,071	0,279	0,003	0,010	0,102	FALSE
-0,040	0,279	-0,002	0,017	0,048	FALSE
0,035	0,277	0,002	0,010	0,061	FALSE
0,037	0,278	0,002	0,011	0,061	FALSE
0,123	0,267	0,006	0,016	0,140	FALSE
0,101	0,276	0,005	0,017	0,107	FALSE
0,012	0,297	0,001	0,018	0,015	FALSE
-0,077	0,291	-0,002	0,009	0,095	FALSE
0,068	0,277	0,001	0,009	0,043	FALSE
-0,122	0,271	-0,008	0,016	0,197	FALSE
-0,018	0,292	0,000	0,010	0,007	FALSE
0,085	0,276	0,003	0,011	0,114	FALSE
0,136	0,283	0,004	0,013	0,139	FALSE
0,030	0,292	0,001	0,015	0,020	FALSE
0,022	0,302	0,000	0,016	0,001	FALSE
-0,206	0,281	-0,008	0,014	0,247	FALSE
-0,126	0,274	-0,004	0,011	0,138	FALSE
0,113	0,282	0,007	0,017	0,160	FALSE
0,055	0,270	0,001	0,011	0,046	FALSE
0,081	0,292	0,003	0,013	0,090	FALSE
0,074	0,277	0,004	0,014	0,126	FALSE
-0,060	0,283	-0,003	0,011	0,102	FALSE
-0,087	0,289	-0,002	0,010	0,066	FALSE

0,104	0,274	0,004	0,010	0,155	FALSE
0,025	0,285	0,001	0,013	0,021	FALSE
-0,014	0,274	-0,001	0,009	0,036	FALSE
-0,120	0,274	-0,004	0,008	0,212	FALSE
0,200	0,274	0,010	0,016	0,285	FALSE
-0,196	0,278	-0,008	0,012	0,271	FALSE
-0,193	0,300	-0,006	0,011	0,248	FALSE
0,090	0,288	0,004	0,017	0,081	FALSE
0,011	0,282	0,001	0,015	0,018	FALSE
-0,082	0,284	-0,002	0,016	0,041	FALSE
-0,241	0,284	-0,008	0,010	0,355	FALSE
-0,053	0,285	0,000	0,016	0,008	FALSE
-0,157	0,291	-0,004	0,009	0,201	FALSE
0,115	0,285	0,005	0,014	0,130	FALSE
0,172	0,288	0,006	0,016	0,154	FALSE
0,028	0,287	0,002	0,011	0,069	FALSE
-0,041	0,296	0,000	0,010	0,002	FALSE
-0,129	0,287	-0,002	0,009	0,106	FALSE
-0,039	0,291	-0,001	0,017	0,016	FALSE
0,047	0,296	0,001	0,013	0,037	FALSE
-0,217	0,294	-0,007	0,011	0,285	FALSE
-0,011	0,295	0,000	0,013	0,004	FALSE
-0,183	0,279	-0,006	0,011	0,258	FALSE
-0,049	0,292	-0,004	0,015	0,094	FALSE
-0,038	0,287	-0,004	0,015	0,095	FALSE
-0,020	0,286	-0,001	0,015	0,016	FALSE
0,126	0,297	0,005	0,018	0,113	FALSE
0,025	0,287	0,000	0,012	0,013	FALSE
-0,062	0,285	-0,004	0,017	0,080	FALSE
-0,039	0,280	-0,001	0,009	0,045	FALSE
0,045	0,278	0,002	0,015	0,050	FALSE
0,079	0,286	0,003	0,014	0,081	FALSE
-0,005	0,289	0,000	0,013	0,012	FALSE
-0,231	0,289	-0,008	0,012	0,298	FALSE
-0,008	0,290	-0,001	0,013	0,035	FALSE
0,058	0,278	0,002	0,009	0,078	FALSE
-0,100	0,303	-0,005	0,018	0,119	FALSE
-0,061	0,273	-0,001	0,009	0,050	FALSE
0,018	0,275	0,000	0,017	0,004	FALSE
0,012	0,297	0,002	0,018	0,047	FALSE
-0,092	0,275	-0,008	0,018	0,175	FALSE
-0,027	0,291	0,001	0,011	0,021	FALSE
0,072	0,289	0,002	0,010	0,066	FALSE
0,040	0,293	0,000	0,011	0,003	FALSE
-0,159	0,268	-0,008	0,015	0,225	FALSE
0,115	0,274	0,006	0,017	0,133	FALSE
0,061	0,290	0,002	0,009	0,072	FALSE
0,112	0,273	0,004	0,013	0,116	FALSE
-0,057	0,287	-0,003	0,016	0,071	FALSE
0,063	0,276	0,002	0,013	0,056	FALSE
0,077	0,292	0,001	0,014	0,019	FALSE
-0,018	0,273	-0,002	0,013	0,067	FALSE
0,092	0,295	0,005	0,019	0,104	FALSE

-0,152	0,270	-0,007	0,016	0,183	FALSE
-0,011	0,280	0,001	0,009	0,041	FALSE
0,001	0,291	0,001	0,009	0,047	FALSE
-0,012	0,286	0,001	0,010	0,046	FALSE
-0,063	0,279	-0,003	0,012	0,093	FALSE
0,095	0,289	0,004	0,009	0,168	FALSE
0,121	0,270	0,003	0,013	0,102	FALSE
0,030	0,282	0,000	0,015	0,011	FALSE
-0,041	0,296	-0,003	0,014	0,073	FALSE
-0,106	0,287	-0,002	0,009	0,083	FALSE
-0,007	0,276	-0,001	0,013	0,036	FALSE
0,069	0,285	0,002	0,009	0,100	FALSE
0,036	0,276	0,001	0,010	0,044	FALSE
0,039	0,287	0,000	0,015	0,001	FALSE
-0,056	0,279	-0,002	0,016	0,035	FALSE
-0,108	0,299	-0,005	0,011	0,171	FALSE
-0,041	0,278	-0,002	0,010	0,058	FALSE
-0,030	0,288	-0,001	0,009	0,064	FALSE
-0,043	0,280	-0,001	0,010	0,050	FALSE
-0,021	0,287	-0,001	0,008	0,062	FALSE
-0,130	0,289	-0,008	0,014	0,224	FALSE
0,006	0,280	0,001	0,009	0,021	FALSE
-0,228	0,273	-0,014	0,016	0,399	FALSE
0,059	0,284	0,006	0,017	0,127	FALSE
0,109	0,282	0,004	0,014	0,122	FALSE
0,157	0,285	0,008	0,014	0,238	FALSE
0,180	0,281	0,009	0,014	0,271	FALSE
0,182	0,262	0,009	0,015	0,277	FALSE
-0,178	0,279	-0,013	0,016	0,379	FALSE
-0,016	0,296	-0,002	0,014	0,053	FALSE
-0,059	0,266	-0,004	0,016	0,087	FALSE
-0,111	0,287	-0,003	0,010	0,140	FALSE
0,053	0,305	0,003	0,015	0,088	FALSE
0,005	0,276	-0,001	0,016	0,026	FALSE
0,013	0,293	0,001	0,018	0,014	FALSE
0,050	0,288	0,001	0,011	0,028	FALSE
-0,089	0,287	-0,003	0,011	0,118	FALSE
-0,062	0,289	-0,002	0,008	0,082	FALSE
0,029	0,277	0,001	0,011	0,027	FALSE
-0,007	0,288	-0,002	0,014	0,061	FALSE
-0,012	0,288	-0,002	0,014	0,066	FALSE
0,003	0,282	-0,001	0,013	0,033	FALSE
0,046	0,268	0,002	0,012	0,073	FALSE
-0,051	0,284	-0,002	0,015	0,043	FALSE
-0,313	0,272	-0,015	0,014	0,524	FALSE
-0,019	0,289	-0,002	0,018	0,032	FALSE
-0,001	0,280	-0,003	0,012	0,084	FALSE
0,003	0,284	-0,002	0,013	0,068	FALSE
0,031	0,279	-0,001	0,012	0,038	FALSE
-0,040	0,287	-0,002	0,011	0,056	FALSE
-0,060	0,291	-0,001	0,011	0,023	FALSE
0,039	0,274	0,003	0,010	0,100	FALSE
0,148	0,264	0,005	0,010	0,198	FALSE

0,018	0,286	0,002	0,011	0,058	FALSE
-0,104	0,270	-0,006	0,016	0,147	FALSE
0,055	0,270	0,004	0,009	0,163	FALSE
-0,084	0,274	-0,008	0,017	0,186	FALSE
-0,090	0,273	-0,008	0,017	0,191	FALSE
0,191	0,293	0,010	0,015	0,274	FALSE
-0,034	0,287	-0,001	0,018	0,012	FALSE
-0,074	0,294	-0,003	0,017	0,068	FALSE
-0,172	0,271	-0,009	0,014	0,303	FALSE
-0,026	0,285	0,001	0,015	0,021	FALSE
0,000	0,281	0,001	0,012	0,032	FALSE
-0,159	0,278	-0,004	0,011	0,141	FALSE
0,010	0,272	0,003	0,016	0,061	FALSE
-0,023	0,278	-0,001	0,014	0,036	FALSE
0,195	0,267	0,011	0,016	0,295	FALSE
0,247	0,265	0,006	0,009	0,287	FALSE
0,024	0,272	0,001	0,015	0,026	FALSE
0,260	0,275	0,011	0,013	0,379	FALSE
0,085	0,283	0,004	0,014	0,115	FALSE
0,240	0,284	0,010	0,014	0,313	FALSE
-0,120	0,285	-0,005	0,012	0,191	FALSE
0,004	0,291	0,000	0,013	0,012	FALSE
0,049	0,281	0,004	0,015	0,108	FALSE
0,046	0,285	0,003	0,018	0,057	FALSE
-0,040	0,283	-0,004	0,017	0,080	FALSE
-0,131	0,276	-0,003	0,011	0,117	FALSE
-0,068	0,296	-0,001	0,009	0,048	FALSE
-0,074	0,294	-0,005	0,011	0,175	FALSE
0,002	0,278	-0,001	0,009	0,053	FALSE
-0,156	0,286	-0,004	0,011	0,147	FALSE
0,254	0,272	0,012	0,017	0,315	FALSE
-0,084	0,289	-0,002	0,011	0,063	FALSE
0,009	0,269	0,000	0,010	0,000	FALSE
0,016	0,279	0,000	0,009	0,014	FALSE
0,015	0,295	0,001	0,011	0,022	FALSE
-0,107	0,278	-0,004	0,010	0,164	FALSE
0,037	0,303	0,001	0,010	0,027	FALSE
-0,030	0,265	-0,002	0,015	0,044	FALSE
0,171	0,276	0,010	0,017	0,238	FALSE
-0,070	0,298	-0,002	0,010	0,084	FALSE
0,192	0,275	0,011	0,017	0,293	FALSE
0,165	0,280	0,005	0,010	0,200	FALSE
0,020	0,280	0,003	0,012	0,082	FALSE
-0,077	0,280	-0,006	0,015	0,167	FALSE
0,080	0,276	0,005	0,013	0,167	FALSE
-0,026	0,298	-0,003	0,014	0,081	FALSE
0,043	0,286	0,001	0,009	0,061	FALSE
0,049	0,289	0,002	0,009	0,082	FALSE
0,021	0,289	-0,001	0,012	0,034	FALSE
-0,120	0,287	-0,003	0,010	0,111	FALSE
-0,250	0,285	-0,009	0,011	0,375	FALSE
-0,136	0,271	-0,008	0,015	0,244	FALSE
0,151	0,292	0,006	0,010	0,275	FALSE

-0,100	0,290	-0,006	0,016	0,158	FALSE
-0,013	0,273	0,000	0,014	0,009	FALSE
0,039	0,292	0,002	0,010	0,083	FALSE
-0,049	0,281	-0,002	0,009	0,087	FALSE
0,086	0,289	0,003	0,010	0,139	FALSE
0,016	0,288	0,001	0,010	0,056	FALSE
-0,175	0,283	-0,006	0,012	0,189	FALSE
0,050	0,291	0,003	0,010	0,133	FALSE
0,084	0,293	0,004	0,014	0,110	FALSE
0,055	0,287	0,003	0,015	0,074	FALSE
0,006	0,286	0,000	0,013	0,012	FALSE
-0,062	0,276	-0,002	0,016	0,047	FALSE
0,006	0,276	-0,001	0,017	0,028	FALSE
0,049	0,275	0,004	0,013	0,117	FALSE
-0,043	0,282	0,001	0,010	0,051	FALSE
-0,066	0,270	-0,001	0,012	0,028	FALSE
-0,205	0,284	-0,008	0,013	0,275	FALSE
-0,189	0,284	-0,008	0,013	0,251	FALSE
-0,175	0,288	-0,008	0,014	0,232	FALSE
-0,190	0,274	-0,008	0,013	0,277	FALSE
-0,197	0,276	-0,008	0,013	0,284	FALSE
0,099	0,286	0,005	0,017	0,128	FALSE
-0,055	0,276	0,000	0,010	0,012	FALSE
0,049	0,289	0,002	0,014	0,060	FALSE
0,030	0,283	0,002	0,014	0,057	FALSE
-0,002	0,287	0,001	0,011	0,030	FALSE
-0,060	0,283	-0,004	0,014	0,125	FALSE
0,197	0,267	0,005	0,009	0,268	FALSE
0,055	0,262	0,004	0,017	0,099	FALSE
0,203	0,276	0,005	0,009	0,260	FALSE
0,302	0,267	0,012	0,012	0,484	FALSE
-0,054	0,294	-0,002	0,009	0,077	FALSE
0,041	0,285	0,003	0,009	0,129	FALSE
0,148	0,284	0,006	0,010	0,235	FALSE
0,004	0,292	0,000	0,011	0,015	FALSE
-0,015	0,292	0,000	0,011	0,003	FALSE
0,001	0,280	0,000	0,015	0,011	FALSE
-0,141	0,280	-0,007	0,017	0,165	FALSE
-0,017	0,301	-0,001	0,016	0,011	FALSE
-0,070	0,275	-0,004	0,010	0,153	FALSE
-0,128	0,289	-0,008	0,018	0,198	FALSE
-0,118	0,287	-0,005	0,013	0,151	FALSE
-0,120	0,287	-0,005	0,013	0,151	FALSE
-0,077	0,294	-0,004	0,013	0,119	FALSE
-0,008	0,286	0,000	0,009	0,007	FALSE
-0,105	0,277	-0,004	0,014	0,114	FALSE
-0,015	0,285	0,001	0,014	0,026	FALSE
-0,139	0,276	-0,002	0,011	0,081	FALSE
0,026	0,286	-0,001	0,016	0,016	FALSE
-0,023	0,278	-0,002	0,009	0,061	FALSE
0,023	0,288	0,000	0,015	0,002	FALSE
0,087	0,280	0,003	0,014	0,069	FALSE
0,080	0,292	0,003	0,015	0,069	FALSE

0,075	0,286	0,002	0,018	0,033	FALSE
0,070	0,280	0,001	0,017	0,012	FALSE
0,190	0,265	0,006	0,011	0,238	FALSE
-0,032	0,275	-0,002	0,014	0,047	FALSE
-0,003	0,297	-0,003	0,016	0,069	FALSE
-0,069	0,278	-0,007	0,016	0,168	FALSE
-0,002	0,290	0,000	0,011	0,004	FALSE
0,026	0,271	0,002	0,017	0,038	FALSE
-0,211	0,272	-0,012	0,017	0,322	FALSE
-0,071	0,267	-0,003	0,011	0,101	FALSE
-0,100	0,290	-0,001	0,010	0,056	FALSE
-0,066	0,288	-0,003	0,016	0,065	FALSE
-0,161	0,287	-0,009	0,017	0,222	FALSE
0,070	0,278	0,002	0,008	0,089	FALSE
-0,087	0,291	-0,002	0,011	0,067	FALSE
0,071	0,286	0,004	0,010	0,136	FALSE
0,014	0,262	0,002	0,011	0,055	FALSE
-0,070	0,289	-0,003	0,012	0,111	FALSE
0,154	0,284	0,009	0,017	0,242	FALSE
0,146	0,277	0,008	0,016	0,228	FALSE
0,169	0,282	0,011	0,016	0,301	FALSE
0,003	0,278	-0,001	0,009	0,024	FALSE
0,069	0,281	0,002	0,011	0,062	FALSE
0,010	0,277	-0,001	0,017	0,028	FALSE
-0,004	0,276	-0,002	0,017	0,049	FALSE
-0,134	0,282	-0,002	0,012	0,080	FALSE
0,035	0,279	0,004	0,018	0,085	FALSE
0,167	0,263	0,006	0,016	0,160	FALSE
-0,003	0,283	0,001	0,011	0,018	FALSE
0,000	0,284	0,000	0,011	0,009	FALSE
0,113	0,292	0,004	0,009	0,183	FALSE
0,058	0,273	0,001	0,017	0,012	FALSE
-0,006	0,278	-0,001	0,008	0,030	FALSE
0,074	0,261	0,004	0,014	0,102	FALSE
0,111	0,295	0,004	0,009	0,183	FALSE
-0,030	0,289	-0,003	0,017	0,070	FALSE
0,008	0,283	0,000	0,017	0,005	FALSE
-0,120	0,293	-0,007	0,015	0,201	FALSE
-0,167	0,288	-0,005	0,009	0,270	FALSE
0,067	0,298	0,004	0,018	0,086	FALSE
0,073	0,285	0,004	0,013	0,116	FALSE
0,177	0,283	0,005	0,010	0,215	FALSE
0,073	0,279	0,001	0,009	0,048	FALSE
0,053	0,276	0,001	0,010	0,018	FALSE
0,050	0,283	0,002	0,010	0,076	FALSE
0,078	0,300	0,003	0,009	0,115	FALSE
-0,027	0,293	0,001	0,011	0,031	FALSE
-0,046	0,290	-0,002	0,016	0,035	FALSE
0,000	0,285	0,000	0,012	0,007	FALSE
-0,061	0,289	-0,001	0,010	0,045	FALSE
0,136	0,282	0,008	0,017	0,196	FALSE
0,089	0,276	0,002	0,010	0,072	FALSE
0,027	0,291	0,001	0,013	0,014	FALSE

0,047	0,281	0,001	0,012	0,045	FALSE
0,040	0,286	0,001	0,011	0,034	FALSE
-0,078	0,284	-0,002	0,012	0,066	FALSE
-0,146	0,280	-0,005	0,011	0,159	FALSE
-0,039	0,273	-0,001	0,009	0,027	FALSE
-0,013	0,278	0,001	0,010	0,026	FALSE
-0,097	0,289	-0,003	0,013	0,080	FALSE
0,061	0,287	0,002	0,009	0,104	FALSE
0,064	0,272	0,003	0,008	0,122	FALSE
-0,176	0,277	-0,006	0,010	0,272	FALSE
-0,147	0,286	-0,005	0,010	0,225	FALSE
-0,122	0,288	-0,004	0,011	0,158	FALSE
-0,160	0,279	-0,006	0,010	0,261	FALSE
0,010	0,284	0,000	0,014	0,011	FALSE
0,080	0,288	0,003	0,016	0,065	FALSE
-0,115	0,281	-0,005	0,012	0,175	FALSE
-0,197	0,278	-0,009	0,013	0,314	FALSE
-0,232	0,277	-0,009	0,012	0,368	FALSE
0,175	0,263	0,006	0,010	0,292	FALSE
-0,133	0,304	-0,003	0,011	0,118	FALSE
-0,192	0,289	-0,006	0,009	0,290	FALSE
0,107	0,257	0,003	0,009	0,130	FALSE
0,168	0,275	0,006	0,011	0,233	FALSE
-0,072	0,296	-0,003	0,017	0,076	FALSE
0,087	0,274	0,002	0,012	0,060	FALSE
0,119	0,280	0,003	0,014	0,088	FALSE
-0,145	0,280	-0,005	0,008	0,262	FALSE
-0,122	0,285	-0,005	0,011	0,180	FALSE
-0,142	0,289	-0,009	0,017	0,220	FALSE
0,090	0,286	0,002	0,010	0,090	FALSE
-0,036	0,288	-0,004	0,018	0,082	FALSE
-0,069	0,257	-0,004	0,016	0,100	FALSE
0,168	0,282	0,008	0,012	0,276	FALSE
-0,109	0,298	-0,005	0,013	0,148	FALSE
-0,048	0,276	-0,001	0,012	0,026	FALSE
0,094	0,274	0,005	0,011	0,171	FALSE
-0,127	0,267	-0,004	0,012	0,138	FALSE
0,063	0,272	0,002	0,017	0,049	FALSE
0,027	0,297	0,002	0,017	0,043	FALSE
0,102	0,278	0,003	0,012	0,117	FALSE
0,099	0,281	0,004	0,012	0,119	FALSE
-0,071	0,276	-0,004	0,013	0,109	FALSE
0,052	0,279	0,002	0,010	0,087	FALSE
0,139	0,283	0,007	0,014	0,185	FALSE
0,096	0,289	0,005	0,016	0,114	FALSE
-0,066	0,294	-0,005	0,016	0,132	FALSE
0,013	0,293	0,001	0,016	0,031	FALSE
-0,057	0,273	-0,004	0,017	0,090	FALSE
-0,109	0,281	-0,006	0,015	0,168	FALSE
-0,068	0,281	-0,003	0,017	0,066	FALSE
-0,046	0,302	-0,002	0,018	0,046	FALSE
0,116	0,282	0,006	0,015	0,165	FALSE
0,147	0,275	0,004	0,010	0,147	FALSE

-0,078	0,278	-0,003	0,010	0,103	FALSE
-0,148	0,284	-0,005	0,012	0,189	FALSE
0,134	0,280	0,007	0,016	0,183	FALSE
0,184	0,273	0,011	0,016	0,303	FALSE
-0,021	0,285	0,000	0,009	0,006	FALSE
-0,037	0,294	-0,001	0,010	0,030	FALSE
0,033	0,277	0,004	0,017	0,099	FALSE
0,158	0,270	0,008	0,018	0,199	FALSE
0,021	0,288	-0,001	0,011	0,022	FALSE
0,098	0,289	0,006	0,013	0,168	FALSE
0,179	0,269	0,006	0,013	0,200	FALSE
0,150	0,276	0,006	0,015	0,163	FALSE
-0,109	0,275	-0,005	0,010	0,222	FALSE
0,047	0,292	0,002	0,012	0,048	FALSE
0,254	0,283	0,009	0,010	0,400	FALSE
0,033	0,281	0,000	0,009	0,011	FALSE
0,020	0,292	-0,002	0,015	0,040	FALSE
0,056	0,283	0,002	0,017	0,047	FALSE
-0,157	0,291	-0,004	0,009	0,207	FALSE
-0,015	0,299	-0,004	0,018	0,092	FALSE
-0,005	0,286	0,000	0,009	0,002	FALSE
-0,153	0,284	-0,009	0,016	0,224	FALSE
0,083	0,281	0,005	0,010	0,200	FALSE
0,059	0,300	0,005	0,017	0,111	FALSE
-0,149	0,284	-0,006	0,012	0,205	FALSE
-0,025	0,302	0,000	0,011	0,002	FALSE
-0,135	0,282	-0,003	0,009	0,144	FALSE
-0,035	0,283	-0,002	0,012	0,052	FALSE
0,007	0,287	0,002	0,017	0,037	FALSE
-0,198	0,289	-0,010	0,018	0,249	FALSE
-0,048	0,281	-0,001	0,012	0,031	FALSE
-0,067	0,286	-0,002	0,012	0,058	FALSE
0,118	0,273	0,006	0,013	0,192	FALSE
0,110	0,288	0,005	0,017	0,111	FALSE
0,134	0,282	0,004	0,009	0,193	FALSE
0,111	0,276	0,004	0,011	0,148	FALSE
0,196	0,288	0,007	0,011	0,272	FALSE
-0,046	0,269	-0,004	0,012	0,131	FALSE
-0,025	0,289	-0,004	0,017	0,091	FALSE
0,129	0,265	0,008	0,014	0,230	FALSE
0,122	0,289	0,007	0,015	0,200	FALSE
0,170	0,278	0,007	0,016	0,174	FALSE
0,131	0,277	0,008	0,015	0,231	FALSE
0,103	0,276	0,005	0,018	0,103	FALSE
0,069	0,268	0,001	0,016	0,025	FALSE
0,081	0,276	0,001	0,012	0,017	FALSE
0,123	0,267	0,003	0,014	0,082	FALSE
0,081	0,271	0,000	0,013	0,009	FALSE
0,036	0,297	0,001	0,015	0,021	FALSE
0,200	0,276	0,008	0,009	0,399	FALSE
-0,146	0,266	-0,006	0,009	0,256	FALSE
0,012	0,272	0,000	0,012	0,013	FALSE
-0,064	0,282	-0,002	0,017	0,049	FALSE

0,131	0,278	0,005	0,016	0,138	FALSE
0,184	0,280	0,009	0,017	0,226	FALSE
0,111	0,280	0,004	0,015	0,089	FALSE
-0,057	0,286	-0,002	0,014	0,052	FALSE
0,006	0,295	0,000	0,009	0,010	FALSE
-0,206	0,285	-0,008	0,011	0,330	FALSE
-0,113	0,277	-0,003	0,008	0,159	FALSE
0,007	0,269	-0,001	0,017	0,019	FALSE
-0,117	0,294	-0,005	0,014	0,142	FALSE
0,021	0,278	0,001	0,009	0,024	FALSE
-0,109	0,277	-0,007	0,016	0,178	FALSE
-0,135	0,282	-0,005	0,014	0,152	FALSE
-0,056	0,292	-0,003	0,016	0,060	FALSE
0,280	0,281	0,010	0,012	0,385	FALSE
0,041	0,284	0,001	0,009	0,027	FALSE
0,044	0,278	0,001	0,010	0,021	FALSE
0,064	0,287	0,004	0,017	0,096	FALSE
0,041	0,288	0,002	0,018	0,035	FALSE
0,012	0,286	0,000	0,013	0,000	FALSE
-0,089	0,275	-0,002	0,016	0,035	FALSE
-0,024	0,292	0,000	0,017	0,002	FALSE
0,120	0,295	0,006	0,013	0,186	FALSE
-0,118	0,287	-0,005	0,017	0,114	FALSE
0,011	0,281	0,001	0,017	0,014	FALSE
-0,092	0,293	-0,006	0,016	0,148	FALSE
-0,041	0,292	-0,002	0,016	0,058	FALSE
-0,038	0,287	-0,002	0,012	0,071	FALSE
0,129	0,274	0,003	0,012	0,088	FALSE
0,024	0,281	0,000	0,016	0,005	FALSE
-0,108	0,288	-0,004	0,011	0,123	FALSE
0,043	0,265	0,004	0,016	0,082	FALSE
-0,059	0,269	-0,003	0,009	0,145	FALSE
-0,171	0,270	-0,008	0,014	0,242	FALSE
-0,005	0,272	-0,001	0,012	0,018	FALSE
0,094	0,266	0,006	0,017	0,154	FALSE
0,098	0,275	0,005	0,014	0,146	FALSE
0,224	0,266	0,010	0,014	0,293	FALSE
-0,081	0,261	-0,004	0,013	0,103	FALSE
-0,022	0,284	-0,001	0,014	0,034	FALSE
-0,043	0,268	0,000	0,009	0,006	FALSE
-0,145	0,282	-0,011	0,016	0,308	FALSE
-0,177	0,260	-0,012	0,016	0,338	FALSE
0,072	0,273	0,001	0,011	0,016	FALSE
-0,007	0,289	-0,003	0,018	0,057	FALSE
-0,039	0,284	-0,001	0,018	0,018	FALSE
-0,047	0,277	-0,001	0,016	0,023	FALSE
0,024	0,284	-0,001	0,017	0,015	FALSE
-0,068	0,292	-0,004	0,016	0,099	FALSE
-0,033	0,289	-0,002	0,016	0,044	FALSE
0,134	0,281	0,002	0,011	0,081	FALSE
0,136	0,280	0,003	0,011	0,096	FALSE
0,101	0,285	0,003	0,010	0,125	FALSE
0,110	0,276	0,003	0,011	0,108	FALSE

0,080	0,295	0,001	0,016	0,028	FALSE
0,186	0,273	0,010	0,013	0,356	FALSE
-0,013	0,259	0,000	0,009	0,002	FALSE
-0,142	0,280	-0,008	0,017	0,198	FALSE
0,334	0,239	0,016	0,014	0,632	FALSE
0,317	0,260	0,015	0,015	0,496	FALSE
0,307	0,254	0,015	0,015	0,503	FALSE
0,125	0,296	0,005	0,012	0,170	FALSE
0,193	0,266	0,011	0,018	0,278	FALSE
-0,148	0,282	-0,010	0,018	0,244	FALSE
-0,070	0,279	-0,003	0,011	0,123	FALSE
0,065	0,268	0,003	0,011	0,090	FALSE
-0,060	0,297	-0,001	0,011	0,045	FALSE
0,064	0,292	0,002	0,012	0,064	FALSE
0,040	0,281	0,001	0,017	0,024	FALSE
0,055	0,288	0,002	0,011	0,060	FALSE
-0,116	0,281	-0,008	0,016	0,201	FALSE
0,027	0,275	0,001	0,011	0,039	FALSE
0,043	0,284	0,002	0,010	0,069	FALSE
0,119	0,279	0,005	0,010	0,186	FALSE
-0,267	0,262	-0,015	0,016	0,443	FALSE
0,270	0,282	0,015	0,017	0,418	FALSE
0,158	0,263	0,012	0,017	0,296	FALSE
0,037	0,285	0,002	0,012	0,070	FALSE
0,006	0,305	0,001	0,011	0,022	FALSE
-0,067	0,285	-0,002	0,009	0,077	FALSE
-0,094	0,299	-0,003	0,012	0,098	FALSE
-0,068	0,290	-0,002	0,009	0,062	FALSE
0,185	0,251	0,006	0,009	0,292	FALSE
0,113	0,289	0,003	0,013	0,097	FALSE
0,074	0,274	0,005	0,011	0,176	FALSE
-0,027	0,291	0,000	0,016	0,000	FALSE
0,067	0,272	0,003	0,012	0,113	FALSE
0,068	0,272	0,002	0,015	0,049	FALSE
-0,038	0,275	-0,003	0,016	0,078	FALSE
-0,012	0,294	-0,003	0,017	0,074	FALSE
0,094	0,287	0,004	0,011	0,152	FALSE
0,002	0,280	-0,002	0,017	0,050	FALSE
-0,150	0,282	-0,007	0,017	0,170	FALSE
-0,112	0,259	-0,003	0,009	0,157	FALSE
-0,080	0,269	-0,003	0,010	0,097	FALSE
-0,008	0,275	0,000	0,011	0,010	FALSE
-0,030	0,276	-0,001	0,012	0,021	FALSE
-0,061	0,290	-0,002	0,009	0,077	FALSE
0,005	0,286	0,000	0,009	0,003	FALSE
0,022	0,275	0,000	0,009	0,003	FALSE
-0,043	0,271	-0,005	0,012	0,173	FALSE
-0,166	0,296	-0,006	0,011	0,227	FALSE
-0,228	0,283	-0,008	0,010	0,342	FALSE
0,080	0,278	0,005	0,016	0,113	FALSE
-0,107	0,267	-0,004	0,013	0,107	FALSE
-0,021	0,289	0,000	0,009	0,012	FALSE
-0,030	0,291	-0,002	0,015	0,048	FALSE

-0,017	0,294	-0,001	0,009	0,046	FALSE
-0,064	0,295	-0,002	0,018	0,052	FALSE
0,059	0,266	0,002	0,014	0,054	FALSE
-0,132	0,280	-0,003	0,010	0,136	FALSE
0,020	0,282	0,000	0,010	0,017	FALSE
0,073	0,287	0,003	0,011	0,097	FALSE
0,024	0,288	0,002	0,009	0,090	FALSE
-0,077	0,279	-0,002	0,013	0,067	FALSE
-0,128	0,277	-0,005	0,012	0,174	FALSE
-0,049	0,294	-0,001	0,010	0,038	FALSE
0,164	0,281	0,005	0,010	0,209	FALSE
-0,009	0,303	0,000	0,012	0,012	FALSE
0,014	0,291	-0,002	0,010	0,066	FALSE
0,039	0,290	-0,001	0,011	0,022	FALSE
-0,106	0,283	-0,001	0,008	0,053	FALSE
-0,080	0,290	-0,002	0,017	0,053	FALSE
0,062	0,271	0,002	0,009	0,069	FALSE
0,043	0,284	0,002	0,010	0,084	FALSE
0,018	0,288	0,000	0,010	0,008	FALSE
0,005	0,274	0,000	0,011	0,014	FALSE
-0,100	0,279	-0,003	0,016	0,081	FALSE
0,119	0,276	0,005	0,016	0,119	FALSE
0,123	0,283	0,004	0,016	0,107	FALSE
-0,103	0,290	-0,005	0,017	0,120	FALSE
0,127	0,260	0,003	0,011	0,117	FALSE
0,213	0,264	0,006	0,012	0,226	FALSE
-0,024	0,276	0,000	0,010	0,016	FALSE
-0,145	0,295	-0,011	0,018	0,274	FALSE
-0,050	0,283	-0,001	0,014	0,027	FALSE
-0,054	0,294	-0,005	0,015	0,141	FALSE
-0,027	0,283	-0,002	0,008	0,080	FALSE
0,121	0,289	0,005	0,009	0,228	FALSE
0,072	0,269	0,002	0,011	0,067	FALSE
-0,113	0,283	-0,005	0,016	0,130	FALSE
0,195	0,273	0,006	0,010	0,269	FALSE
-0,008	0,280	-0,001	0,011	0,034	FALSE
-0,088	0,286	-0,001	0,018	0,012	FALSE
0,055	0,284	0,003	0,016	0,070	FALSE
-0,085	0,292	-0,004	0,012	0,130	FALSE
-0,088	0,260	-0,002	0,016	0,054	FALSE
-0,003	0,297	-0,001	0,015	0,013	FALSE
-0,108	0,277	-0,007	0,017	0,178	FALSE
0,079	0,280	0,002	0,010	0,065	FALSE
-0,037	0,281	-0,002	0,013	0,048	FALSE
-0,125	0,268	-0,007	0,017	0,164	FALSE
-0,136	0,275	-0,008	0,015	0,233	FALSE
0,084	0,287	0,004	0,013	0,138	FALSE
-0,032	0,287	0,000	0,015	0,009	FALSE
-0,152	0,283	-0,010	0,017	0,241	FALSE
-0,082	0,298	-0,004	0,016	0,099	FALSE
-0,149	0,277	-0,008	0,015	0,214	FALSE
0,221	0,276	0,008	0,009	0,391	FALSE
-0,049	0,280	-0,004	0,014	0,109	FALSE

-0,063	0,281	-0,001	0,013	0,019	FALSE
-0,031	0,287	0,000	0,017	0,009	FALSE
0,036	0,285	0,001	0,010	0,055	FALSE
0,190	0,297	0,006	0,009	0,324	FALSE
-0,219	0,276	-0,012	0,016	0,339	FALSE
-0,208	0,270	-0,010	0,012	0,379	FALSE
-0,020	0,292	-0,001	0,012	0,033	FALSE
0,059	0,284	0,003	0,011	0,102	FALSE
0,144	0,272	0,007	0,014	0,186	FALSE
-0,155	0,275	-0,007	0,015	0,200	FALSE
-0,056	0,287	-0,004	0,016	0,097	FALSE
-0,056	0,277	-0,002	0,012	0,052	FALSE
-0,016	0,281	0,000	0,014	0,007	FALSE
0,056	0,291	0,002	0,014	0,060	FALSE
0,021	0,303	0,001	0,015	0,014	FALSE
-0,269	0,277	-0,010	0,012	0,408	FALSE
-0,045	0,267	0,001	0,010	0,028	FALSE
-0,102	0,275	-0,002	0,009	0,104	FALSE
-0,016	0,291	-0,002	0,013	0,053	FALSE
0,190	0,288	0,007	0,011	0,258	FALSE
0,031	0,285	0,001	0,009	0,021	FALSE
-0,115	0,287	-0,004	0,011	0,124	FALSE
0,134	0,277	0,005	0,013	0,156	FALSE
0,225	0,277	0,007	0,011	0,293	FALSE
-0,207	0,269	-0,013	0,016	0,363	FALSE
-0,166	0,262	-0,009	0,015	0,270	FALSE
-0,019	0,282	-0,002	0,013	0,057	FALSE
-0,105	0,291	-0,007	0,014	0,218	FALSE
-0,107	0,283	-0,004	0,014	0,118	FALSE
-0,075	0,288	-0,002	0,012	0,073	FALSE
-0,176	0,277	-0,009	0,016	0,254	FALSE
-0,148	0,289	-0,008	0,017	0,185	FALSE
0,130	0,285	0,005	0,014	0,156	FALSE
-0,021	0,282	-0,001	0,018	0,025	FALSE
-0,052	0,289	-0,002	0,015	0,058	FALSE
-0,023	0,287	-0,001	0,017	0,016	FALSE
0,057	0,285	0,003	0,009	0,120	FALSE
0,043	0,285	0,002	0,017	0,054	FALSE
-0,011	0,295	0,001	0,015	0,018	FALSE
-0,114	0,283	-0,004	0,012	0,142	FALSE
0,200	0,267	0,011	0,016	0,309	FALSE
0,165	0,262	0,005	0,010	0,198	FALSE
0,046	0,292	0,002	0,011	0,066	FALSE
-0,013	0,288	0,000	0,012	0,014	FALSE
0,117	0,283	0,004	0,011	0,143	FALSE
0,171	0,283	0,007	0,011	0,276	FALSE
0,063	0,288	0,004	0,017	0,083	FALSE
0,067	0,272	0,000	0,010	0,009	FALSE
-0,003	0,275	0,001	0,011	0,016	FALSE
-0,047	0,283	-0,004	0,013	0,123	FALSE
-0,091	0,266	-0,006	0,011	0,227	FALSE
-0,068	0,263	-0,004	0,011	0,171	FALSE
-0,020	0,284	0,001	0,009	0,042	FALSE

0,197	0,275	0,006	0,010	0,233	FALSE
0,086	0,286	0,002	0,015	0,037	FALSE
-0,034	0,265	0,002	0,016	0,043	FALSE
0,131	0,261	0,002	0,013	0,065	FALSE
-0,038	0,270	0,002	0,017	0,040	FALSE
0,099	0,263	0,001	0,013	0,024	FALSE
-0,021	0,288	0,001	0,010	0,044	FALSE
-0,004	0,286	-0,001	0,017	0,027	FALSE
-0,003	0,276	-0,001	0,017	0,012	FALSE
-0,059	0,292	-0,002	0,012	0,065	FALSE
0,140	0,276	0,004	0,010	0,137	FALSE
0,137	0,275	0,006	0,018	0,130	FALSE
0,026	0,289	0,000	0,014	0,002	FALSE
0,026	0,281	0,000	0,013	0,002	FALSE
0,139	0,268	0,004	0,010	0,143	FALSE
0,072	0,286	0,005	0,018	0,111	FALSE
0,060	0,289	0,003	0,015	0,075	FALSE
-0,097	0,287	-0,002	0,010	0,080	FALSE
0,143	0,274	0,005	0,011	0,206	FALSE
-0,105	0,284	-0,003	0,014	0,083	FALSE
0,070	0,284	0,002	0,011	0,066	FALSE
-0,102	0,279	-0,003	0,015	0,065	FALSE
0,009	0,291	0,000	0,017	0,009	FALSE
0,035	0,294	0,000	0,017	0,002	FALSE
0,109	0,286	0,004	0,013	0,123	FALSE
0,080	0,275	0,003	0,017	0,069	FALSE
-0,022	0,297	-0,001	0,017	0,015	FALSE
0,002	0,291	0,001	0,016	0,018	FALSE
-0,092	0,274	-0,005	0,017	0,125	FALSE
0,264	0,265	0,013	0,015	0,416	FALSE
0,028	0,287	0,000	0,014	0,002	FALSE
0,279	0,252	0,011	0,011	0,454	FALSE
0,090	0,281	0,005	0,014	0,139	FALSE
0,122	0,286	0,004	0,012	0,142	FALSE
0,023	0,288	0,000	0,009	0,000	FALSE
0,111	0,290	0,005	0,016	0,133	FALSE
0,035	0,292	0,000	0,009	0,003	FALSE
-0,093	0,287	-0,003	0,010	0,107	FALSE
-0,044	0,281	0,001	0,014	0,037	FALSE
0,041	0,291	0,005	0,015	0,134	FALSE
-0,050	0,282	-0,004	0,015	0,100	FALSE
0,015	0,292	0,003	0,018	0,054	FALSE
0,052	0,281	0,006	0,014	0,169	FALSE
-0,063	0,270	-0,004	0,015	0,118	FALSE
-0,057	0,302	-0,004	0,015	0,092	FALSE
0,015	0,270	0,003	0,016	0,077	FALSE
-0,043	0,273	-0,003	0,015	0,088	FALSE
-0,047	0,288	-0,004	0,015	0,104	FALSE
-0,072	0,295	-0,006	0,015	0,155	FALSE
-0,026	0,271	-0,002	0,009	0,105	FALSE
-0,115	0,293	-0,006	0,013	0,178	FALSE
0,037	0,267	0,002	0,011	0,063	FALSE
-0,177	0,290	-0,007	0,012	0,233	FALSE

-0,174	0,274	-0,006	0,012	0,226	FALSE
-0,051	0,292	-0,005	0,017	0,128	FALSE
0,195	0,266	0,004	0,009	0,193	FALSE
-0,002	0,299	0,001	0,009	0,021	FALSE
-0,047	0,286	-0,001	0,015	0,032	FALSE
-0,025	0,275	0,000	0,015	0,004	FALSE
-0,044	0,289	-0,001	0,015	0,020	FALSE
0,215	0,278	0,006	0,009	0,286	FALSE
-0,041	0,294	-0,002	0,016	0,037	FALSE
-0,012	0,287	-0,001	0,015	0,031	FALSE
0,096	0,288	0,002	0,013	0,057	FALSE
-0,086	0,281	-0,003	0,010	0,132	FALSE
0,037	0,285	0,002	0,016	0,051	FALSE
-0,009	0,281	-0,001	0,009	0,041	FALSE
-0,082	0,287	-0,003	0,009	0,149	FALSE
-0,178	0,277	-0,007	0,014	0,198	FALSE
0,005	0,275	-0,002	0,012	0,064	FALSE
0,052	0,279	0,001	0,014	0,030	FALSE
0,041	0,278	0,001	0,010	0,025	FALSE
-0,042	0,271	-0,004	0,014	0,121	FALSE
-0,145	0,260	-0,010	0,015	0,285	FALSE
0,122	0,277	0,004	0,012	0,137	FALSE
0,094	0,287	0,003	0,011	0,106	FALSE
0,159	0,273	0,009	0,014	0,290	FALSE
-0,091	0,278	-0,004	0,011	0,145	FALSE
0,167	0,268	0,005	0,009	0,256	FALSE
-0,114	0,286	-0,007	0,014	0,212	FALSE
0,099	0,259	0,002	0,009	0,101	FALSE
-0,071	0,279	-0,004	0,015	0,119	FALSE
-0,052	0,282	-0,001	0,009	0,027	FALSE
-0,052	0,284	-0,001	0,010	0,021	FALSE
-0,038	0,278	0,001	0,010	0,032	FALSE
-0,020	0,266	0,002	0,008	0,071	FALSE
-0,102	0,277	-0,002	0,009	0,068	FALSE
0,027	0,286	0,001	0,010	0,054	FALSE
0,008	0,286	0,002	0,009	0,071	FALSE
0,135	0,265	0,005	0,010	0,231	FALSE
-0,142	0,300	-0,005	0,009	0,197	FALSE
0,077	0,286	0,003	0,014	0,071	FALSE
0,180	0,271	0,010	0,015	0,303	FALSE
-0,094	0,276	-0,002	0,009	0,081	FALSE
0,111	0,286	0,003	0,009	0,161	FALSE
-0,123	0,282	-0,003	0,010	0,121	FALSE
0,294	0,244	0,008	0,009	0,421	FALSE
-0,051	0,289	-0,001	0,009	0,041	FALSE
-0,067	0,286	-0,001	0,013	0,026	FALSE
-0,058	0,270	-0,001	0,012	0,027	FALSE
0,121	0,281	0,005	0,009	0,263	FALSE
-0,063	0,275	-0,003	0,010	0,109	FALSE
-0,027	0,289	0,000	0,018	0,002	FALSE
-0,058	0,290	-0,002	0,013	0,051	FALSE
0,216	0,266	0,010	0,013	0,360	FALSE
0,125	0,255	0,001	0,009	0,052	FALSE

0,120	0,277	0,005	0,013	0,156	FALSE
-0,027	0,288	0,000	0,017	0,002	FALSE
-0,114	0,288	-0,006	0,014	0,172	FALSE
0,122	0,279	0,002	0,009	0,078	FALSE
0,146	0,289	0,004	0,010	0,180	FALSE
0,098	0,282	0,003	0,012	0,085	FALSE
0,078	0,291	0,002	0,011	0,082	FALSE
0,123	0,291	0,004	0,011	0,130	FALSE
-0,089	0,280	-0,003	0,010	0,139	FALSE
-0,179	0,257	-0,005	0,010	0,189	FALSE
-0,046	0,282	-0,001	0,010	0,031	FALSE
0,044	0,281	0,000	0,010	0,012	FALSE
0,214	0,274	0,007	0,011	0,260	FALSE
0,204	0,290	0,007	0,012	0,229	FALSE
-0,016	0,286	-0,001	0,018	0,015	FALSE
-0,060	0,285	-0,002	0,018	0,047	FALSE
-0,114	0,280	-0,007	0,015	0,202	FALSE
-0,103	0,272	-0,006	0,014	0,156	FALSE
0,195	0,267	0,008	0,013	0,259	FALSE
-0,173	0,283	-0,009	0,013	0,296	FALSE
-0,017	0,290	0,001	0,017	0,017	FALSE
-0,044	0,282	-0,004	0,013	0,102	FALSE
-0,021	0,287	-0,003	0,014	0,089	FALSE
-0,028	0,278	0,001	0,017	0,026	FALSE
-0,082	0,297	-0,005	0,017	0,106	FALSE
-0,025	0,283	-0,001	0,018	0,017	FALSE
0,004	0,288	0,001	0,011	0,020	FALSE
0,054	0,280	0,004	0,017	0,077	FALSE
0,209	0,261	0,008	0,011	0,310	FALSE
0,031	0,276	0,003	0,011	0,092	FALSE
-0,011	0,290	0,001	0,011	0,019	FALSE
0,276	0,273	0,009	0,013	0,326	FALSE
-0,033	0,289	-0,001	0,016	0,029	FALSE
0,162	0,273	0,005	0,008	0,268	FALSE
-0,018	0,276	0,000	0,010	0,013	FALSE
0,018	0,277	0,001	0,009	0,045	FALSE
0,216	0,265	0,004	0,009	0,215	FALSE
0,208	0,271	0,007	0,009	0,390	FALSE
-0,049	0,293	-0,001	0,015	0,013	FALSE
0,043	0,286	0,002	0,009	0,083	FALSE
0,029	0,284	0,001	0,012	0,022	FALSE
-0,035	0,289	-0,002	0,011	0,063	FALSE
-0,036	0,295	-0,001	0,011	0,039	FALSE
-0,036	0,287	-0,001	0,011	0,042	FALSE
-0,021	0,277	-0,002	0,012	0,048	FALSE
-0,090	0,285	-0,002	0,010	0,077	FALSE
-0,045	0,290	0,000	0,009	0,004	FALSE
-0,117	0,280	-0,002	0,010	0,085	FALSE
-0,086	0,264	-0,001	0,010	0,031	FALSE
0,059	0,281	0,002	0,013	0,047	FALSE
-0,180	0,274	-0,009	0,015	0,258	FALSE
-0,042	0,294	-0,002	0,017	0,048	FALSE
0,127	0,273	0,003	0,009	0,138	FALSE

-0,139	0,286	-0,005	0,012	0,155	FALSE
0,067	0,275	0,002	0,010	0,068	FALSE
-0,038	0,288	0,000	0,017	0,006	FALSE
-0,152	0,276	-0,006	0,012	0,197	FALSE
-0,263	0,275	-0,010	0,013	0,334	FALSE
-0,253	0,276	-0,009	0,012	0,321	FALSE
-0,077	0,290	-0,003	0,012	0,081	FALSE
-0,027	0,280	0,001	0,012	0,018	FALSE
-0,134	0,284	-0,006	0,011	0,239	FALSE
-0,127	0,291	-0,008	0,015	0,227	FALSE
0,016	0,290	0,001	0,010	0,038	FALSE
0,068	0,284	0,000	0,014	0,006	FALSE
0,035	0,288	0,001	0,012	0,045	FALSE
-0,047	0,299	-0,001	0,009	0,038	FALSE
-0,015	0,298	0,001	0,012	0,025	FALSE
0,005	0,277	0,000	0,011	0,011	FALSE
0,062	0,277	0,002	0,016	0,042	FALSE
0,031	0,277	0,003	0,016	0,062	FALSE
-0,121	0,288	-0,004	0,010	0,170	FALSE
-0,094	0,270	-0,006	0,010	0,246	FALSE
0,037	0,275	0,001	0,009	0,064	FALSE
0,125	0,274	0,007	0,012	0,245	FALSE
0,007	0,266	0,000	0,011	0,015	FALSE
0,025	0,289	0,002	0,009	0,072	FALSE
0,117	0,280	0,006	0,016	0,153	FALSE
0,040	0,269	0,001	0,012	0,038	FALSE
0,058	0,274	0,002	0,012	0,051	FALSE
0,024	0,285	0,000	0,013	0,006	FALSE
0,156	0,262	0,011	0,018	0,271	FALSE
-0,174	0,275	-0,010	0,014	0,347	FALSE
0,049	0,282	0,004	0,016	0,095	FALSE
-0,011	0,292	-0,002	0,018	0,046	FALSE
0,150	0,284	0,007	0,011	0,290	FALSE
-0,053	0,284	-0,002	0,015	0,059	FALSE
0,145	0,261	0,005	0,009	0,230	FALSE
0,044	0,290	0,000	0,011	0,006	FALSE
-0,136	0,292	-0,004	0,009	0,156	FALSE
0,003	0,265	-0,001	0,010	0,049	FALSE
0,122	0,299	0,007	0,016	0,193	FALSE
-0,138	0,288	-0,006	0,011	0,209	FALSE
-0,069	0,284	-0,004	0,017	0,079	FALSE
0,137	0,272	0,006	0,017	0,150	FALSE
-0,114	0,275	-0,006	0,016	0,167	FALSE
-0,031	0,284	-0,001	0,009	0,024	FALSE
0,124	0,299	0,009	0,018	0,205	FALSE
0,172	0,271	0,010	0,015	0,313	FALSE
0,058	0,262	0,003	0,013	0,102	FALSE
0,116	0,282	0,002	0,009	0,088	FALSE
0,115	0,261	0,006	0,016	0,140	FALSE
0,176	0,280	0,005	0,011	0,196	FALSE
-0,145	0,275	-0,007	0,017	0,160	FALSE
0,127	0,275	0,004	0,011	0,147	FALSE
0,035	0,273	0,003	0,018	0,051	FALSE

0,005	0,266	0,006	0,017	0,138	FALSE
0,013	0,276	0,005	0,017	0,111	FALSE
-0,043	0,271	-0,002	0,011	0,076	FALSE
0,014	0,281	0,000	0,012	0,007	FALSE
0,138	0,279	0,005	0,012	0,173	FALSE
-0,001	0,280	-0,004	0,017	0,077	FALSE
-0,073	0,289	-0,003	0,010	0,114	FALSE
0,180	0,286	0,006	0,010	0,265	FALSE
0,066	0,273	0,000	0,017	0,008	FALSE
-0,015	0,284	-0,003	0,014	0,092	FALSE
-0,033	0,292	-0,003	0,014	0,072	FALSE
0,026	0,298	0,001	0,010	0,024	FALSE
-0,293	0,265	-0,014	0,017	0,375	FALSE
0,004	0,302	-0,001	0,013	0,025	FALSE
-0,121	0,281	-0,004	0,012	0,145	FALSE
-0,058	0,288	-0,002	0,012	0,045	FALSE
-0,168	0,283	-0,006	0,017	0,158	FALSE
0,090	0,277	0,006	0,015	0,163	FALSE
-0,173	0,283	-0,006	0,013	0,194	FALSE
0,166	0,268	0,007	0,017	0,160	FALSE
-0,042	0,285	0,000	0,010	0,015	FALSE
-0,091	0,286	-0,003	0,009	0,115	FALSE
0,037	0,292	0,003	0,009	0,117	FALSE
-0,124	0,277	-0,003	0,012	0,114	FALSE
-0,143	0,284	-0,004	0,009	0,190	FALSE
0,267	0,274	0,014	0,017	0,373	FALSE
-0,097	0,269	-0,006	0,018	0,122	FALSE
0,212	0,263	0,009	0,015	0,282	FALSE
-0,207	0,265	-0,011	0,018	0,273	FALSE
-0,164	0,298	-0,007	0,013	0,246	FALSE
-0,034	0,278	0,001	0,016	0,028	FALSE
0,005	0,284	0,003	0,017	0,062	FALSE
-0,078	0,275	-0,004	0,011	0,143	FALSE
-0,059	0,301	-0,001	0,010	0,051	FALSE
-0,031	0,266	-0,002	0,012	0,061	FALSE
0,108	0,277	0,003	0,015	0,074	FALSE
0,075	0,290	0,002	0,013	0,048	FALSE
-0,085	0,295	-0,003	0,017	0,063	FALSE
-0,043	0,283	-0,002	0,015	0,051	FALSE
-0,106	0,289	-0,004	0,012	0,140	FALSE
-0,041	0,297	-0,002	0,013	0,051	FALSE
-0,090	0,285	-0,004	0,016	0,105	FALSE
-0,020	0,294	-0,003	0,018	0,058	FALSE
-0,116	0,283	-0,008	0,017	0,200	FALSE
-0,073	0,282	-0,005	0,016	0,129	FALSE
0,125	0,268	0,004	0,010	0,152	FALSE
0,103	0,280	0,004	0,011	0,145	FALSE
-0,152	0,296	-0,008	0,013	0,268	FALSE
0,216	0,274	0,013	0,017	0,336	FALSE
0,180	0,266	0,009	0,013	0,311	FALSE
0,190	0,263	0,011	0,016	0,327	FALSE
0,082	0,296	0,002	0,010	0,092	FALSE
-0,009	0,292	-0,002	0,013	0,043	FALSE

-0,083	0,250	-0,004	0,013	0,130	FALSE
-0,089	0,264	-0,005	0,013	0,151	FALSE
0,154	0,271	0,006	0,011	0,211	FALSE
0,070	0,290	0,002	0,009	0,081	FALSE
-0,226	0,274	-0,007	0,011	0,278	FALSE
-0,111	0,275	-0,007	0,016	0,188	FALSE
0,049	0,284	0,002	0,015	0,039	FALSE
-0,255	0,274	-0,009	0,012	0,370	FALSE
0,114	0,283	0,003	0,010	0,108	FALSE
0,150	0,278	0,007	0,012	0,250	FALSE
-0,043	0,285	-0,002	0,011	0,079	FALSE
-0,039	0,284	-0,002	0,012	0,066	FALSE
0,012	0,298	0,003	0,017	0,063	FALSE
-0,107	0,298	-0,003	0,013	0,084	FALSE
0,006	0,274	0,000	0,012	0,012	FALSE
0,040	0,293	0,004	0,016	0,112	FALSE
0,063	0,290	0,005	0,015	0,142	FALSE
0,135	0,290	0,004	0,009	0,160	FALSE
0,124	0,259	0,007	0,014	0,187	FALSE
-0,069	0,273	-0,001	0,011	0,031	FALSE
-0,004	0,293	0,000	0,009	0,007	FALSE
0,145	0,282	0,005	0,009	0,226	FALSE
-0,043	0,282	-0,002	0,017	0,052	FALSE
-0,019	0,279	0,001	0,010	0,021	FALSE
-0,042	0,275	-0,005	0,017	0,105	FALSE
0,015	0,275	0,000	0,008	0,004	FALSE
-0,076	0,279	-0,005	0,013	0,149	FALSE
-0,046	0,292	0,000	0,009	0,004	FALSE
0,116	0,278	0,004	0,011	0,149	FALSE
0,001	0,286	-0,001	0,016	0,024	FALSE
-0,017	0,278	0,000	0,014	0,001	FALSE
0,232	0,266	0,007	0,012	0,260	FALSE
0,001	0,283	0,000	0,009	0,000	FALSE
0,137	0,267	0,008	0,018	0,186	FALSE
-0,120	0,268	-0,003	0,014	0,073	FALSE
-0,103	0,290	-0,006	0,017	0,150	FALSE
-0,047	0,284	-0,001	0,008	0,055	FALSE
0,146	0,287	0,004	0,009	0,188	FALSE
0,012	0,281	-0,001	0,014	0,019	FALSE
0,119	0,279	0,004	0,010	0,157	FALSE
-0,081	0,281	-0,003	0,011	0,109	FALSE
-0,055	0,297	-0,003	0,011	0,093	FALSE
-0,252	0,253	-0,011	0,012	0,432	FALSE
-0,119	0,282	-0,003	0,009	0,153	FALSE
-0,162	0,280	-0,010	0,018	0,246	FALSE
0,147	0,299	0,006	0,012	0,220	FALSE
0,228	0,290	0,009	0,012	0,336	FALSE
0,020	0,286	0,001	0,017	0,027	FALSE
0,132	0,259	0,009	0,017	0,243	FALSE
-0,126	0,291	-0,009	0,017	0,213	FALSE
-0,063	0,291	-0,002	0,015	0,045	FALSE
-0,047	0,291	-0,002	0,017	0,034	FALSE
0,088	0,279	0,005	0,017	0,107	FALSE

0,076	0,275	0,004	0,017	0,088	FALSE
-0,110	0,289	-0,003	0,009	0,126	FALSE
-0,021	0,281	0,000	0,009	0,017	FALSE
-0,145	0,264	-0,006	0,014	0,176	FALSE
0,103	0,283	0,005	0,015	0,113	FALSE
0,133	0,283	0,006	0,016	0,153	FALSE
-0,020	0,289	0,000	0,014	0,012	FALSE
0,058	0,297	0,001	0,012	0,033	FALSE
-0,001	0,290	-0,002	0,016	0,057	FALSE
-0,010	0,282	-0,001	0,009	0,026	FALSE
0,061	0,269	0,002	0,012	0,060	FALSE
0,037	0,282	0,000	0,017	0,003	FALSE
0,165	0,278	0,005	0,009	0,223	FALSE
0,091	0,261	0,001	0,016	0,025	FALSE
0,069	0,262	0,002	0,016	0,036	FALSE
0,095	0,290	0,004	0,018	0,075	FALSE
0,014	0,271	0,002	0,011	0,054	FALSE
-0,063	0,287	-0,002	0,010	0,054	FALSE
0,090	0,284	0,005	0,012	0,167	FALSE
-0,227	0,273	-0,011	0,017	0,265	FALSE
-0,205	0,277	-0,009	0,017	0,240	FALSE
0,014	0,295	0,000	0,018	0,006	FALSE
-0,111	0,290	-0,004	0,013	0,129	FALSE
0,048	0,267	0,005	0,017	0,126	FALSE
0,201	0,276	0,009	0,013	0,314	FALSE
0,230	0,262	0,012	0,015	0,344	FALSE
0,140	0,271	0,009	0,016	0,233	FALSE
-0,049	0,285	0,000	0,011	0,003	FALSE
0,014	0,280	-0,004	0,017	0,089	FALSE
0,195	0,271	0,010	0,017	0,251	FALSE
-0,045	0,270	-0,001	0,015	0,032	FALSE
0,086	0,274	0,004	0,010	0,173	FALSE
0,005	0,289	0,002	0,018	0,034	FALSE
0,094	0,278	0,005	0,017	0,110	FALSE
0,023	0,284	0,000	0,009	0,000	FALSE
0,123	0,280	0,007	0,017	0,156	FALSE
0,124	0,279	0,005	0,017	0,124	FALSE
0,138	0,287	0,007	0,018	0,167	FALSE
0,135	0,277	0,006	0,016	0,147	FALSE
0,145	0,283	0,007	0,017	0,166	FALSE
-0,278	0,248	-0,013	0,014	0,481	FALSE
-0,150	0,282	-0,012	0,017	0,302	FALSE
0,114	0,288	0,005	0,016	0,123	FALSE
-0,233	0,268	-0,012	0,015	0,368	FALSE
0,151	0,273	0,006	0,017	0,153	FALSE
0,025	0,275	-0,001	0,011	0,021	FALSE
0,117	0,280	0,003	0,011	0,106	FALSE
0,003	0,285	0,001	0,009	0,025	FALSE
-0,143	0,292	-0,008	0,016	0,203	FALSE
0,061	0,278	0,000	0,009	0,015	FALSE
0,307	0,260	0,009	0,009	0,507	FALSE
-0,029	0,283	0,000	0,012	0,012	FALSE
-0,172	0,284	-0,008	0,014	0,226	FALSE

-0,089	0,275	-0,004	0,017	0,099	FALSE
-0,087	0,275	-0,005	0,015	0,128	FALSE
0,052	0,295	0,003	0,013	0,088	FALSE
0,090	0,282	0,004	0,010	0,174	FALSE
0,108	0,262	0,005	0,017	0,111	FALSE
0,049	0,291	0,001	0,009	0,024	FALSE
-0,025	0,283	-0,003	0,014	0,087	FALSE
0,105	0,272	0,002	0,009	0,078	FALSE
0,025	0,294	-0,001	0,012	0,027	FALSE
-0,261	0,258	-0,014	0,017	0,411	FALSE
0,171	0,286	0,004	0,010	0,194	FALSE
-0,127	0,266	-0,007	0,016	0,179	FALSE
0,135	0,283	0,004	0,010	0,158	FALSE
0,051	0,267	0,000	0,017	0,009	FALSE
0,027	0,272	0,000	0,015	0,001	FALSE
-0,116	0,289	-0,006	0,016	0,145	FALSE
-0,027	0,298	0,000	0,012	0,011	FALSE
0,021	0,280	0,001	0,011	0,048	FALSE
-0,075	0,300	-0,004	0,016	0,082	FALSE
-0,133	0,283	-0,005	0,009	0,221	FALSE
0,034	0,284	0,001	0,011	0,041	FALSE
0,078	0,287	0,003	0,012	0,101	FALSE
0,183	0,282	0,007	0,013	0,207	FALSE
0,121	0,288	0,006	0,017	0,131	FALSE
0,046	0,290	0,001	0,013	0,032	FALSE
0,133	0,286	0,004	0,011	0,139	FALSE
0,020	0,271	0,000	0,012	0,004	FALSE
-0,029	0,278	-0,001	0,013	0,024	FALSE
-0,119	0,290	-0,003	0,009	0,145	FALSE
-0,095	0,277	-0,002	0,010	0,071	FALSE
0,295	0,253	0,013	0,014	0,442	FALSE
0,022	0,287	0,001	0,009	0,034	FALSE
-0,125	0,283	-0,005	0,010	0,202	FALSE
0,017	0,283	0,001	0,016	0,020	FALSE
0,111	0,270	0,003	0,009	0,142	FALSE
-0,124	0,283	-0,007	0,018	0,160	FALSE
-0,014	0,284	0,000	0,010	0,007	FALSE
-0,037	0,273	0,001	0,012	0,018	FALSE
-0,089	0,291	-0,001	0,012	0,034	FALSE
-0,208	0,274	-0,006	0,011	0,232	FALSE
0,011	0,289	0,000	0,009	0,003	FALSE
-0,114	0,292	-0,005	0,016	0,129	FALSE
0,007	0,264	0,000	0,011	0,011	FALSE
0,010	0,276	0,002	0,014	0,060	FALSE
0,180	0,278	0,006	0,012	0,228	FALSE
0,082	0,290	0,004	0,015	0,113	FALSE
0,221	0,283	0,012	0,018	0,282	FALSE
0,047	0,297	0,003	0,010	0,106	FALSE
-0,151	0,278	-0,006	0,017	0,146	FALSE
-0,070	0,289	-0,002	0,016	0,054	FALSE
0,039	0,281	0,001	0,009	0,039	FALSE
0,127	0,286	0,005	0,014	0,148	FALSE
0,112	0,285	0,002	0,009	0,097	FALSE

0,013	0,286	0,000	0,013	0,008	FALSE
0,035	0,283	0,003	0,017	0,064	FALSE
-0,098	0,288	-0,003	0,013	0,071	FALSE
-0,071	0,275	-0,002	0,013	0,054	FALSE
-0,164	0,274	-0,008	0,014	0,242	FALSE
0,049	0,280	-0,001	0,016	0,014	FALSE
0,031	0,279	0,002	0,017	0,038	FALSE
-0,069	0,300	-0,004	0,017	0,081	FALSE
0,034	0,293	0,002	0,009	0,069	FALSE
-0,138	0,271	-0,009	0,016	0,232	FALSE
-0,036	0,286	-0,003	0,017	0,074	FALSE
-0,028	0,283	-0,002	0,010	0,071	FALSE
-0,189	0,284	-0,007	0,011	0,284	FALSE
-0,060	0,293	-0,002	0,010	0,083	FALSE
-0,069	0,287	-0,002	0,009	0,080	FALSE
0,010	0,283	-0,001	0,010	0,018	FALSE
-0,223	0,294	-0,007	0,009	0,328	FALSE
-0,247	0,268	-0,014	0,014	0,479	FALSE
-0,077	0,282	-0,004	0,014	0,111	FALSE
0,001	0,283	-0,002	0,012	0,059	FALSE
-0,057	0,285	-0,003	0,010	0,126	FALSE
0,162	0,275	0,008	0,015	0,208	FALSE
0,171	0,284	0,007	0,016	0,182	FALSE
-0,037	0,290	-0,001	0,010	0,019	FALSE
-0,058	0,276	0,001	0,012	0,021	FALSE
-0,022	0,283	-0,003	0,017	0,064	FALSE
-0,034	0,296	-0,004	0,019	0,089	FALSE
0,024	0,295	0,001	0,012	0,028	FALSE
0,132	0,289	0,004	0,011	0,151	FALSE
0,006	0,288	0,001	0,011	0,040	FALSE
0,067	0,275	0,002	0,012	0,061	FALSE
-0,039	0,284	-0,002	0,010	0,096	FALSE
-0,033	0,286	-0,002	0,011	0,060	FALSE
-0,027	0,277	-0,001	0,009	0,042	FALSE
0,013	0,290	0,001	0,013	0,022	FALSE
0,043	0,272	0,002	0,013	0,069	FALSE
0,000	0,291	0,001	0,013	0,015	FALSE
0,037	0,280	0,002	0,013	0,057	FALSE
0,022	0,282	0,001	0,013	0,038	FALSE
0,025	0,284	0,001	0,013	0,033	FALSE
0,017	0,292	0,001	0,013	0,025	FALSE
0,033	0,278	0,002	0,012	0,056	FALSE
0,126	0,288	0,010	0,018	0,232	FALSE
0,142	0,282	0,010	0,017	0,246	FALSE
-0,110	0,296	-0,006	0,017	0,140	FALSE
-0,008	0,283	-0,002	0,013	0,052	FALSE
0,273	0,279	0,013	0,015	0,407	FALSE
0,256	0,273	0,012	0,015	0,384	FALSE
-0,002	0,279	-0,002	0,017	0,040	FALSE
-0,108	0,274	-0,005	0,010	0,202	FALSE
0,027	0,271	0,003	0,016	0,065	FALSE
0,096	0,269	0,003	0,013	0,076	FALSE
0,053	0,286	0,002	0,011	0,082	FALSE

-0,057	0,289	-0,001	0,011	0,045	FALSE
0,136	0,287	0,003	0,008	0,135	FALSE
0,045	0,272	0,002	0,010	0,060	FALSE
-0,097	0,278	-0,005	0,018	0,114	FALSE
0,132	0,278	0,004	0,010	0,177	FALSE
-0,237	0,270	-0,008	0,010	0,379	FALSE
-0,126	0,289	-0,006	0,016	0,158	FALSE
-0,079	0,298	-0,004	0,015	0,105	FALSE
-0,033	0,297	0,000	0,018	0,006	FALSE
0,050	0,279	-0,001	0,012	0,016	FALSE
0,081	0,276	0,002	0,012	0,073	FALSE
-0,003	0,281	-0,002	0,013	0,044	FALSE
0,018	0,285	0,003	0,014	0,073	FALSE
0,032	0,283	0,001	0,012	0,035	FALSE
-0,088	0,279	-0,004	0,010	0,137	FALSE
0,088	0,283	0,003	0,012	0,099	FALSE
0,041	0,276	0,001	0,009	0,032	FALSE
0,191	0,282	0,006	0,009	0,315	FALSE
0,056	0,288	0,003	0,012	0,110	FALSE
-0,048	0,276	-0,003	0,016	0,062	FALSE
-0,293	0,267	-0,016	0,015	0,554	FALSE
-0,096	0,285	-0,003	0,009	0,130	FALSE
-0,142	0,290	-0,009	0,018	0,204	FALSE
-0,089	0,288	-0,003	0,014	0,093	FALSE
0,127	0,275	0,003	0,010	0,106	FALSE
-0,011	0,268	-0,004	0,016	0,099	FALSE
-0,124	0,285	-0,010	0,016	0,273	FALSE
-0,027	0,283	-0,003	0,013	0,076	FALSE
-0,029	0,284	-0,001	0,011	0,028	FALSE
0,157	0,288	0,006	0,015	0,153	FALSE
0,109	0,278	0,005	0,011	0,186	FALSE
0,067	0,284	0,004	0,011	0,126	FALSE
0,087	0,277	0,004	0,010	0,154	FALSE
0,048	0,258	0,005	0,015	0,118	FALSE
0,055	0,255	0,004	0,014	0,114	FALSE
0,104	0,281	0,008	0,017	0,188	FALSE
-0,139	0,293	-0,004	0,011	0,131	FALSE
0,116	0,268	0,006	0,015	0,154	FALSE
-0,044	0,284	-0,004	0,014	0,092	FALSE
-0,042	0,283	-0,002	0,012	0,077	FALSE
0,303	0,267	0,016	0,017	0,473	FALSE
0,251	0,269	0,008	0,009	0,410	FALSE
-0,051	0,287	-0,002	0,009	0,061	FALSE
-0,314	0,268	-0,017	0,016	0,552	FALSE
0,090	0,281	0,003	0,010	0,132	FALSE
-0,077	0,265	-0,002	0,017	0,045	FALSE
-0,015	0,273	0,002	0,018	0,037	FALSE
0,072	0,293	0,006	0,014	0,170	FALSE
-0,012	0,291	-0,001	0,011	0,031	FALSE
0,122	0,282	0,005	0,011	0,194	FALSE
0,165	0,286	0,005	0,009	0,245	FALSE
0,102	0,285	0,003	0,009	0,129	FALSE
0,099	0,272	0,005	0,011	0,201	FALSE

-0,016	0,282	-0,001	0,010	0,030	FALSE
-0,020	0,297	-0,002	0,011	0,052	FALSE
0,019	0,264	-0,001	0,009	0,039	FALSE
0,066	0,283	0,000	0,009	0,007	FALSE
0,083	0,281	0,004	0,012	0,136	FALSE
0,048	0,280	0,004	0,014	0,101	FALSE
-0,203	0,275	-0,005	0,008	0,269	FALSE
-0,060	0,291	-0,002	0,017	0,040	FALSE
-0,057	0,283	-0,002	0,017	0,041	FALSE
-0,200	0,290	-0,008	0,012	0,315	FALSE
-0,021	0,278	0,000	0,015	0,001	FALSE
0,108	0,289	0,004	0,009	0,179	FALSE
0,091	0,273	0,004	0,012	0,127	FALSE
0,110	0,271	0,004	0,010	0,162	FALSE
-0,230	0,266	-0,012	0,017	0,341	FALSE
0,093	0,280	0,004	0,012	0,138	FALSE
-0,178	0,283	-0,009	0,014	0,291	FALSE
-0,079	0,282	-0,004	0,017	0,079	FALSE
0,129	0,278	0,005	0,015	0,139	FALSE
0,201	0,273	0,005	0,009	0,264	FALSE
0,091	0,258	0,004	0,015	0,108	FALSE
0,023	0,263	0,001	0,009	0,028	FALSE
0,015	0,282	0,000	0,009	0,010	FALSE
-0,099	0,292	-0,002	0,011	0,059	FALSE
0,224	0,273	0,010	0,013	0,334	FALSE
-0,027	0,287	-0,002	0,013	0,065	FALSE
0,003	0,296	0,000	0,013	0,004	FALSE
0,223	0,257	0,011	0,016	0,308	FALSE
0,007	0,304	0,000	0,013	0,013	FALSE
-0,028	0,279	0,001	0,010	0,033	FALSE
-0,214	0,262	-0,009	0,016	0,257	FALSE
-0,088	0,279	-0,002	0,010	0,086	FALSE
-0,196	0,263	-0,008	0,013	0,267	FALSE
-0,047	0,280	0,000	0,012	0,015	FALSE
0,098	0,281	0,002	0,009	0,097	FALSE
0,081	0,286	0,002	0,010	0,070	FALSE
-0,037	0,281	-0,004	0,016	0,104	FALSE
0,238	0,288	0,007	0,010	0,359	FALSE
0,169	0,271	0,008	0,012	0,294	FALSE
0,017	0,292	-0,001	0,010	0,025	FALSE
0,161	0,279	0,005	0,009	0,259	FALSE
0,134	0,272	0,007	0,016	0,190	FALSE
-0,068	0,295	-0,003	0,015	0,072	FALSE
-0,046	0,273	-0,003	0,010	0,130	FALSE
-0,100	0,280	-0,005	0,012	0,162	FALSE
-0,119	0,283	-0,003	0,010	0,129	FALSE
0,038	0,280	0,005	0,016	0,133	FALSE
0,071	0,275	0,004	0,014	0,099	FALSE
0,082	0,284	0,002	0,010	0,091	FALSE
0,147	0,287	0,008	0,013	0,278	FALSE
0,107	0,287	0,005	0,014	0,136	FALSE
-0,202	0,276	-0,006	0,008	0,307	FALSE
-0,012	0,288	0,000	0,017	0,004	FALSE

-0,016	0,297	-0,001	0,018	0,015	FALSE
-0,026	0,283	-0,002	0,017	0,042	FALSE
-0,122	0,298	-0,005	0,011	0,197	FALSE
-0,083	0,271	-0,004	0,010	0,146	FALSE
-0,089	0,284	-0,004	0,011	0,161	FALSE
-0,140	0,294	-0,003	0,009	0,114	FALSE
-0,074	0,275	-0,004	0,017	0,099	FALSE
-0,044	0,290	-0,002	0,016	0,056	FALSE
-0,012	0,285	0,000	0,017	0,008	FALSE
0,217	0,276	0,007	0,010	0,320	FALSE
0,113	0,269	0,005	0,013	0,144	FALSE
0,108	0,268	0,003	0,009	0,121	FALSE
-0,162	0,273	-0,006	0,010	0,290	FALSE
-0,118	0,274	-0,003	0,012	0,104	FALSE
-0,145	0,281	-0,004	0,012	0,152	FALSE
-0,089	0,283	-0,003	0,012	0,103	FALSE
-0,073	0,286	-0,003	0,011	0,102	FALSE
-0,272	0,264	-0,012	0,013	0,489	FALSE
-0,228	0,267	-0,010	0,012	0,382	FALSE
0,011	0,275	0,001	0,008	0,038	FALSE
0,189	0,281	0,006	0,010	0,268	FALSE
0,301	0,258	0,012	0,012	0,469	FALSE
-0,030	0,278	-0,002	0,015	0,036	FALSE
-0,018	0,291	-0,001	0,015	0,018	FALSE
-0,028	0,280	-0,002	0,015	0,039	FALSE
-0,018	0,282	-0,001	0,015	0,016	FALSE
-0,018	0,273	0,000	0,014	0,002	FALSE
-0,019	0,289	-0,001	0,015	0,015	FALSE
-0,056	0,270	-0,002	0,015	0,045	FALSE
-0,093	0,277	-0,004	0,009	0,182	FALSE
-0,059	0,280	-0,003	0,010	0,138	FALSE
-0,061	0,285	-0,002	0,009	0,096	FALSE
0,209	0,275	0,010	0,012	0,394	FALSE
0,104	0,288	0,004	0,013	0,133	FALSE
0,127	0,276	0,004	0,009	0,168	FALSE
-0,080	0,282	-0,001	0,012	0,036	FALSE
-0,026	0,279	-0,006	0,017	0,148	FALSE
-0,017	0,275	-0,001	0,017	0,026	FALSE
-0,101	0,287	-0,004	0,012	0,144	FALSE
-0,093	0,289	-0,004	0,010	0,162	FALSE
0,247	0,282	0,008	0,010	0,364	FALSE
-0,173	0,286	-0,008	0,015	0,220	TRUE
-0,095	0,284	-0,003	0,015	0,067	FALSE
-0,011	0,299	-0,001	0,018	0,021	FALSE
-0,037	0,273	-0,001	0,016	0,014	FALSE
0,027	0,280	0,001	0,009	0,025	FALSE
-0,119	0,274	-0,006	0,015	0,152	FALSE
-0,004	0,284	0,000	0,010	0,010	FALSE
-0,107	0,278	-0,004	0,013	0,105	FALSE
0,096	0,276	0,003	0,009	0,136	FALSE
-0,043	0,292	-0,001	0,009	0,048	FALSE
-0,198	0,270	-0,005	0,008	0,272	FALSE
-0,030	0,282	-0,001	0,010	0,035	FALSE

-0,077	0,286	-0,002	0,012	0,058	FALSE
-0,122	0,277	-0,007	0,017	0,166	FALSE
0,230	0,271	0,009	0,012	0,327	FALSE
0,053	0,286	0,002	0,016	0,052	FALSE
-0,017	0,273	0,000	0,009	0,011	FALSE
-0,022	0,291	-0,001	0,013	0,017	FALSE
-0,221	0,278	-0,010	0,014	0,336	FALSE
0,178	0,274	0,005	0,011	0,202	FALSE
-0,027	0,291	-0,003	0,017	0,071	FALSE
0,023	0,292	0,002	0,009	0,069	FALSE
0,043	0,296	0,002	0,014	0,051	FALSE
-0,005	0,292	0,001	0,011	0,025	FALSE
0,044	0,285	0,000	0,009	0,003	FALSE
0,052	0,278	0,002	0,010	0,056	FALSE
0,055	0,290	0,000	0,009	0,009	FALSE
0,017	0,288	-0,001	0,011	0,022	FALSE
0,078	0,278	0,001	0,009	0,031	FALSE
0,165	0,271	0,010	0,014	0,318	FALSE
-0,078	0,292	-0,002	0,018	0,049	FALSE
-0,054	0,291	-0,003	0,009	0,138	FALSE
0,041	0,288	0,002	0,014	0,056	FALSE
0,027	0,284	0,002	0,010	0,070	FALSE
0,035	0,275	0,003	0,009	0,102	FALSE
-0,033	0,294	-0,001	0,012	0,026	FALSE
-0,113	0,277	-0,005	0,011	0,208	FALSE
0,122	0,285	0,004	0,010	0,157	FALSE
0,103	0,284	0,004	0,013	0,109	FALSE
0,001	0,276	-0,002	0,015	0,055	FALSE
-0,067	0,282	-0,003	0,012	0,105	FALSE
0,064	0,291	0,005	0,017	0,104	FALSE
0,024	0,279	0,000	0,009	0,012	FALSE
-0,090	0,277	-0,006	0,014	0,170	FALSE
0,150	0,277	0,005	0,010	0,246	FALSE
0,033	0,279	-0,002	0,015	0,044	FALSE
0,094	0,274	0,003	0,013	0,091	FALSE
0,171	0,264	0,004	0,009	0,182	FALSE
0,094	0,287	0,004	0,012	0,138	FALSE
0,165	0,265	0,004	0,008	0,179	FALSE
-0,032	0,282	-0,002	0,017	0,032	FALSE
0,010	0,271	0,001	0,017	0,012	FALSE
-0,068	0,294	-0,002	0,009	0,065	FALSE
-0,030	0,298	-0,004	0,018	0,073	FALSE
-0,012	0,298	-0,001	0,018	0,030	FALSE
-0,012	0,300	-0,001	0,018	0,029	FALSE
0,014	0,302	0,000	0,018	0,000	FALSE
0,007	0,293	0,000	0,017	0,003	FALSE
0,046	0,305	0,002	0,018	0,039	FALSE
-0,058	0,293	-0,004	0,017	0,098	FALSE
0,029	0,297	0,001	0,018	0,026	FALSE
0,033	0,295	0,001	0,018	0,023	FALSE
0,049	0,281	0,004	0,014	0,114	FALSE
0,004	0,281	0,002	0,014	0,051	FALSE
-0,036	0,283	-0,001	0,016	0,015	FALSE

-0,061	0,282	-0,002	0,016	0,046	FALSE
-0,057	0,293	-0,001	0,016	0,032	FALSE
-0,057	0,282	-0,002	0,016	0,036	FALSE
-0,021	0,283	-0,002	0,016	0,036	FALSE
-0,051	0,283	0,000	0,014	0,005	FALSE
0,062	0,276	0,002	0,011	0,055	FALSE
0,090	0,283	0,005	0,017	0,108	FALSE
0,070	0,290	0,001	0,009	0,024	FALSE
-0,178	0,292	-0,005	0,009	0,222	FALSE
-0,002	0,296	0,001	0,010	0,031	FALSE
-0,184	0,280	-0,008	0,010	0,333	FALSE
0,020	0,291	0,003	0,015	0,077	FALSE
0,102	0,282	0,003	0,012	0,098	FALSE
-0,025	0,287	0,000	0,017	0,002	FALSE
-0,028	0,283	0,000	0,017	0,005	FALSE
-0,003	0,284	0,002	0,016	0,035	FALSE
-0,039	0,279	-0,004	0,012	0,118	FALSE
-0,042	0,287	-0,001	0,017	0,014	FALSE
-0,040	0,296	-0,002	0,011	0,066	FALSE
-0,035	0,294	0,000	0,017	0,002	FALSE
-0,044	0,279	-0,001	0,016	0,032	FALSE
-0,076	0,279	-0,006	0,015	0,143	FALSE
-0,058	0,285	-0,005	0,012	0,150	FALSE
-0,060	0,263	-0,003	0,015	0,081	FALSE
-0,064	0,294	-0,003	0,014	0,071	FALSE
0,068	0,290	0,002	0,008	0,068	FALSE
-0,138	0,269	-0,008	0,015	0,244	FALSE
0,004	0,280	0,001	0,016	0,027	FALSE
0,004	0,291	0,000	0,011	0,000	FALSE
0,008	0,276	0,001	0,014	0,032	FALSE
0,018	0,286	0,002	0,016	0,043	FALSE
-0,004	0,304	0,001	0,017	0,012	FALSE
-0,005	0,290	0,001	0,017	0,010	FALSE
-0,084	0,277	-0,005	0,015	0,136	FALSE
0,150	0,254	0,008	0,013	0,289	FALSE
-0,001	0,292	0,001	0,017	0,026	FALSE
-0,045	0,273	-0,003	0,011	0,121	FALSE
-0,006	0,289	-0,001	0,017	0,017	FALSE
-0,024	0,314	-0,001	0,019	0,028	FALSE
0,004	0,288	0,000	0,015	0,008	FALSE
0,024	0,267	0,002	0,015	0,053	FALSE
0,183	0,279	0,005	0,009	0,260	FALSE
-0,063	0,288	-0,004	0,012	0,128	FALSE
-0,108	0,268	-0,005	0,014	0,155	FALSE
-0,093	0,291	-0,006	0,017	0,138	FALSE
0,032	0,279	-0,003	0,016	0,062	FALSE
0,068	0,273	0,004	0,011	0,143	FALSE
0,051	0,267	0,000	0,017	0,009	FALSE
0,319	0,250	0,017	0,016	0,526	FALSE
0,222	0,267	0,011	0,014	0,371	FALSE
0,080	0,273	0,002	0,009	0,093	FALSE
0,033	0,283	0,000	0,010	0,008	FALSE
-0,065	0,293	-0,003	0,010	0,101	FALSE

0,083	0,281	0,005	0,010	0,214	FALSE
0,023	0,286	0,003	0,009	0,122	FALSE
-0,153	0,269	-0,005	0,012	0,179	FALSE
-0,078	0,265	-0,006	0,016	0,142	FALSE
-0,060	0,282	-0,001	0,009	0,056	FALSE
-0,122	0,295	-0,003	0,010	0,120	FALSE
0,060	0,279	0,002	0,008	0,104	FALSE
-0,128	0,297	-0,007	0,018	0,170	FALSE
-0,059	0,288	0,000	0,010	0,014	FALSE
-0,181	0,279	-0,012	0,017	0,309	FALSE
0,005	0,296	0,001	0,010	0,019	FALSE
-0,064	0,290	-0,004	0,014	0,106	FALSE
0,099	0,289	0,004	0,011	0,133	FALSE
-0,232	0,277	-0,012	0,016	0,360	FALSE
-0,171	0,286	-0,011	0,016	0,306	FALSE
-0,154	0,286	-0,009	0,016	0,245	FALSE
0,000	0,284	0,001	0,015	0,030	FALSE
-0,188	0,265	-0,007	0,010	0,320	FALSE
0,048	0,270	0,002	0,013	0,050	FALSE
0,122	0,271	0,003	0,009	0,141	FALSE
0,043	0,289	0,003	0,011	0,116	FALSE
0,007	0,285	0,002	0,012	0,049	FALSE
-0,027	0,272	-0,001	0,016	0,025	FALSE
-0,131	0,285	-0,008	0,015	0,211	FALSE
-0,242	0,278	-0,014	0,018	0,379	FALSE
0,045	0,273	0,000	0,010	0,001	FALSE
0,213	0,280	0,012	0,018	0,293	FALSE
0,030	0,285	0,002	0,009	0,064	FALSE
-0,175	0,278	-0,009	0,018	0,225	FALSE
0,158	0,275	0,008	0,013	0,252	FALSE
0,064	0,283	0,003	0,014	0,076	FALSE
0,155	0,254	0,008	0,016	0,205	FALSE
-0,027	0,286	-0,004	0,017	0,088	FALSE
0,039	0,281	0,000	0,017	0,004	FALSE
-0,123	0,304	-0,003	0,010	0,132	FALSE
0,139	0,282	0,008	0,015	0,212	FALSE
-0,278	0,273	-0,013	0,015	0,407	FALSE
-0,051	0,294	-0,001	0,010	0,038	FALSE
-0,085	0,282	-0,003	0,013	0,078	FALSE
-0,078	0,289	-0,003	0,012	0,101	FALSE
-0,070	0,296	-0,003	0,014	0,077	FALSE
-0,024	0,290	0,001	0,014	0,015	FALSE
0,069	0,282	0,006	0,017	0,127	FALSE
-0,054	0,278	-0,002	0,009	0,063	FALSE
0,054	0,277	0,002	0,012	0,075	FALSE
-0,045	0,286	-0,001	0,016	0,019	FALSE
-0,035	0,291	-0,001	0,013	0,031	FALSE
0,088	0,285	0,004	0,014	0,107	FALSE
0,136	0,285	0,004	0,016	0,099	FALSE
-0,163	0,264	-0,007	0,012	0,235	FALSE
-0,239	0,268	-0,012	0,014	0,416	FALSE
0,093	0,286	0,003	0,010	0,134	FALSE
0,141	0,271	0,004	0,016	0,096	FALSE

0,023	0,295	0,001	0,008	0,047	FALSE
-0,077	0,300	-0,003	0,018	0,064	FALSE
0,278	0,273	0,012	0,015	0,379	FALSE
-0,055	0,288	0,000	0,009	0,013	FALSE
-0,142	0,278	-0,007	0,014	0,207	FALSE
-0,138	0,282	-0,009	0,017	0,220	FALSE
-0,120	0,284	-0,007	0,017	0,155	FALSE
0,002	0,286	0,000	0,011	0,011	FALSE
-0,168	0,273	-0,009	0,017	0,240	FALSE
0,063	0,288	0,002	0,011	0,067	FALSE
-0,253	0,270	-0,008	0,009	0,372	FALSE
0,013	0,268	-0,001	0,009	0,021	FALSE
-0,146	0,285	-0,008	0,015	0,239	FALSE
0,047	0,281	0,003	0,016	0,073	FALSE
0,100	0,280	0,006	0,018	0,131	FALSE
0,099	0,281	0,007	0,017	0,159	FALSE
-0,028	0,283	-0,001	0,014	0,013	FALSE
0,026	0,295	0,002	0,017	0,039	FALSE
-0,119	0,286	-0,003	0,009	0,120	FALSE
0,057	0,283	0,001	0,017	0,018	FALSE
0,102	0,283	0,004	0,016	0,098	FALSE
-0,004	0,293	0,001	0,012	0,033	FALSE
0,160	0,277	0,006	0,012	0,204	FALSE
0,053	0,279	0,001	0,012	0,046	FALSE
0,020	0,283	-0,001	0,012	0,020	FALSE
-0,042	0,285	-0,001	0,012	0,034	FALSE
-0,051	0,277	-0,002	0,009	0,063	FALSE
-0,067	0,271	-0,002	0,009	0,093	FALSE
0,173	0,282	0,008	0,015	0,214	FALSE
-0,065	0,277	-0,002	0,009	0,097	FALSE
-0,205	0,282	-0,008	0,013	0,250	FALSE
-0,116	0,278	-0,003	0,011	0,105	FALSE
0,025	0,282	0,002	0,011	0,069	FALSE
-0,037	0,299	-0,002	0,011	0,079	FALSE
-0,117	0,288	-0,004	0,010	0,148	FALSE
-0,003	0,289	0,000	0,012	0,005	FALSE
0,108	0,276	0,005	0,010	0,195	FALSE
-0,013	0,268	0,000	0,014	0,006	FALSE
-0,087	0,275	-0,002	0,011	0,064	FALSE
-0,007	0,292	-0,001	0,011	0,033	FALSE
-0,032	0,289	-0,002	0,012	0,054	FALSE
0,023	0,292	0,000	0,011	0,012	FALSE
0,215	0,286	0,005	0,010	0,244	FALSE
-0,153	0,284	-0,005	0,010	0,208	FALSE
0,089	0,277	0,007	0,015	0,193	FALSE
-0,061	0,282	-0,005	0,017	0,117	FALSE
-0,072	0,278	-0,005	0,017	0,115	FALSE
-0,072	0,289	-0,001	0,010	0,020	FALSE
-0,147	0,285	-0,003	0,009	0,136	FALSE
0,084	0,287	0,003	0,012	0,095	FALSE
0,101	0,288	0,004	0,012	0,123	FALSE
-0,001	0,313	0,001	0,017	0,012	FALSE
-0,136	0,264	-0,010	0,017	0,249	FALSE

0,026	0,292	0,000	0,009	0,017	FALSE
0,051	0,278	0,003	0,010	0,138	FALSE
0,253	0,272	0,007	0,010	0,347	FALSE
0,001	0,287	0,002	0,012	0,073	FALSE
-0,025	0,247	-0,002	0,017	0,048	FALSE
0,006	0,289	0,000	0,017	0,009	FALSE
0,074	0,279	0,005	0,018	0,112	FALSE
-0,015	0,270	0,001	0,010	0,021	FALSE
-0,054	0,299	-0,001	0,012	0,034	FALSE
-0,029	0,274	0,001	0,018	0,019	FALSE
0,054	0,288	0,001	0,017	0,011	FALSE
-0,117	0,300	-0,004	0,015	0,095	FALSE
-0,084	0,290	-0,003	0,009	0,141	FALSE
0,110	0,285	0,005	0,010	0,216	FALSE
0,019	0,286	0,001	0,013	0,037	FALSE
0,058	0,281	0,003	0,017	0,059	FALSE
0,094	0,287	0,005	0,013	0,164	FALSE
0,007	0,268	0,001	0,008	0,032	FALSE
0,106	0,289	0,004	0,014	0,105	FALSE
0,030	0,298	0,002	0,012	0,063	FALSE
0,083	0,292	0,003	0,013	0,092	FALSE
-0,009	0,300	-0,001	0,013	0,027	FALSE
-0,030	0,305	0,000	0,012	0,012	FALSE
0,173	0,283	0,009	0,017	0,211	FALSE
0,073	0,277	0,002	0,010	0,094	FALSE
0,045	0,267	0,001	0,012	0,036	FALSE
0,135	0,286	0,007	0,018	0,160	FALSE
0,041	0,293	0,000	0,015	0,007	FALSE
-0,116	0,267	-0,005	0,018	0,109	FALSE
0,065	0,261	0,002	0,010	0,060	FALSE
0,040	0,284	0,001	0,018	0,014	FALSE
0,007	0,280	-0,001	0,011	0,027	FALSE
0,105	0,284	0,002	0,009	0,101	FALSE
0,047	0,282	0,000	0,009	0,004	FALSE
0,087	0,289	0,004	0,014	0,122	FALSE
0,102	0,295	0,003	0,012	0,106	FALSE
0,049	0,281	0,001	0,016	0,014	FALSE
-0,142	0,265	-0,007	0,014	0,233	FALSE
0,081	0,255	0,004	0,017	0,085	FALSE
-0,210	0,277	-0,010	0,014	0,339	FALSE
-0,093	0,286	-0,003	0,013	0,094	FALSE
-0,148	0,277	-0,006	0,013	0,187	FALSE
0,002	0,283	-0,001	0,010	0,025	FALSE
0,057	0,280	0,002	0,009	0,090	FALSE
-0,131	0,294	-0,003	0,011	0,117	FALSE
-0,045	0,288	-0,001	0,014	0,039	FALSE
0,015	0,292	0,001	0,015	0,023	FALSE
-0,036	0,294	-0,001	0,009	0,062	FALSE
0,190	0,272	0,006	0,010	0,274	FALSE
-0,122	0,289	-0,003	0,009	0,118	FALSE
0,151	0,286	0,005	0,010	0,211	FALSE
-0,120	0,286	-0,008	0,016	0,202	FALSE
-0,130	0,285	-0,003	0,009	0,137	FALSE

0,126	0,276	0,006	0,016	0,158	FALSE
-0,261	0,284	-0,014	0,016	0,442	FALSE
-0,030	0,292	-0,001	0,010	0,019	FALSE
0,031	0,297	0,003	0,013	0,073	FALSE
0,003	0,283	0,001	0,012	0,033	FALSE
0,072	0,279	0,004	0,010	0,138	FALSE
0,058	0,292	0,002	0,010	0,083	FALSE
-0,088	0,295	-0,002	0,010	0,056	FALSE
0,126	0,289	0,006	0,012	0,198	FALSE
-0,016	0,287	0,001	0,012	0,028	FALSE
0,204	0,278	0,006	0,011	0,255	FALSE
-0,036	0,289	-0,002	0,011	0,068	FALSE
-0,092	0,290	-0,005	0,012	0,177	FALSE
-0,092	0,301	-0,007	0,017	0,171	FALSE
0,097	0,288	0,004	0,012	0,137	FALSE
-0,108	0,276	-0,008	0,017	0,195	FALSE
0,193	0,271	0,007	0,011	0,297	FALSE
0,061	0,280	0,003	0,012	0,080	FALSE
0,054	0,287	0,004	0,014	0,101	FALSE
0,259	0,258	0,019	0,017	0,566	FALSE
-0,234	0,285	-0,008	0,010	0,384	FALSE
-0,019	0,280	0,000	0,013	0,004	FALSE
-0,103	0,271	-0,008	0,016	0,213	FALSE
-0,145	0,279	-0,005	0,010	0,215	FALSE
-0,141	0,291	-0,006	0,011	0,228	FALSE
-0,090	0,286	-0,003	0,014	0,083	FALSE
0,053	0,282	0,003	0,013	0,105	FALSE
0,140	0,273	0,005	0,012	0,159	FALSE
-0,040	0,279	-0,003	0,012	0,081	FALSE
0,148	0,270	0,005	0,011	0,215	FALSE
-0,002	0,272	0,001	0,010	0,021	FALSE
0,264	0,282	0,012	0,014	0,395	FALSE
0,231	0,285	0,010	0,014	0,320	FALSE
-0,146	0,275	-0,008	0,017	0,185	FALSE
-0,089	0,297	-0,002	0,016	0,047	FALSE
0,002	0,300	0,001	0,010	0,022	FALSE
0,049	0,291	0,002	0,012	0,071	FALSE
0,069	0,286	0,001	0,015	0,032	FALSE
-0,058	0,288	-0,001	0,009	0,037	FALSE
-0,092	0,279	-0,003	0,010	0,112	FALSE
0,001	0,286	0,000	0,009	0,011	FALSE
0,124	0,279	0,007	0,017	0,169	FALSE
0,040	0,287	0,001	0,018	0,019	FALSE
0,018	0,298	0,002	0,016	0,038	FALSE
-0,034	0,284	-0,001	0,014	0,026	FALSE
-0,096	0,293	-0,003	0,009	0,116	FALSE
-0,039	0,294	-0,002	0,010	0,071	FALSE
-0,079	0,278	-0,001	0,010	0,055	FALSE
0,090	0,264	0,003	0,009	0,120	FALSE
-0,020	0,282	0,000	0,012	0,011	FALSE
-0,072	0,289	-0,006	0,017	0,152	FALSE
0,093	0,271	0,006	0,016	0,137	FALSE
-0,089	0,301	-0,002	0,010	0,088	FALSE

0,001	0,293	0,000	0,011	0,015	FALSE
-0,092	0,289	-0,003	0,011	0,097	FALSE
-0,019	0,279	-0,001	0,016	0,013	FALSE
0,023	0,282	0,001	0,010	0,024	FALSE
-0,121	0,301	-0,006	0,015	0,155	FALSE
0,006	0,288	-0,001	0,017	0,015	FALSE
-0,123	0,280	-0,004	0,010	0,154	FALSE
-0,049	0,292	-0,003	0,017	0,061	FALSE
-0,157	0,292	-0,005	0,010	0,190	FALSE
0,083	0,290	0,003	0,017	0,077	FALSE
0,040	0,303	0,005	0,017	0,103	FALSE
0,091	0,285	0,003	0,016	0,069	FALSE
0,119	0,271	0,003	0,010	0,138	FALSE
-0,084	0,284	-0,002	0,013	0,050	FALSE
-0,024	0,287	0,000	0,009	0,010	FALSE
-0,131	0,277	-0,006	0,012	0,192	FALSE
-0,034	0,294	-0,001	0,010	0,045	FALSE
-0,006	0,286	-0,001	0,010	0,029	FALSE
-0,007	0,291	0,000	0,010	0,010	FALSE
0,049	0,271	0,000	0,009	0,007	FALSE
-0,035	0,271	-0,004	0,015	0,096	FALSE
0,172	0,277	0,004	0,010	0,164	FALSE
-0,059	0,292	-0,002	0,010	0,071	FALSE
-0,009	0,279	0,000	0,010	0,009	FALSE
0,011	0,291	-0,001	0,013	0,020	FALSE
-0,215	0,291	-0,006	0,008	0,309	FALSE
-0,213	0,268	-0,011	0,014	0,355	FALSE
-0,252	0,272	-0,008	0,009	0,422	FALSE
0,057	0,282	0,002	0,013	0,059	FALSE
0,117	0,276	0,005	0,012	0,177	FALSE
-0,092	0,280	-0,005	0,015	0,135	FALSE
0,168	0,286	0,009	0,016	0,244	FALSE
-0,145	0,272	-0,012	0,018	0,292	FALSE
0,024	0,279	0,001	0,008	0,027	FALSE
-0,036	0,276	-0,003	0,013	0,083	FALSE
-0,098	0,287	-0,004	0,017	0,088	FALSE
-0,100	0,300	-0,004	0,015	0,103	FALSE
-0,053	0,284	-0,004	0,017	0,089	FALSE
0,156	0,264	0,008	0,014	0,235	FALSE
0,040	0,287	0,001	0,014	0,033	FALSE
-0,086	0,287	-0,002	0,009	0,100	FALSE
0,007	0,271	-0,002	0,011	0,050	FALSE
-0,273	0,261	-0,009	0,010	0,433	FALSE
0,222	0,276	0,008	0,011	0,349	FALSE
-0,132	0,293	-0,004	0,010	0,163	FALSE
-0,091	0,274	-0,005	0,015	0,128	FALSE
-0,044	0,282	-0,002	0,008	0,067	FALSE
-0,120	0,287	-0,008	0,017	0,185	FALSE
0,119	0,289	0,005	0,015	0,141	FALSE
0,061	0,264	0,002	0,010	0,060	FALSE
-0,048	0,288	-0,002	0,014	0,057	FALSE
-0,211	0,279	-0,006	0,008	0,300	FALSE
-0,002	0,274	0,000	0,009	0,018	FALSE

-0,010	0,271	0,000	0,015	0,011	FALSE
-0,049	0,278	-0,003	0,015	0,088	FALSE
-0,155	0,275	-0,004	0,010	0,183	FALSE
0,207	0,267	0,008	0,011	0,333	FALSE
-0,110	0,286	-0,005	0,015	0,121	FALSE
0,068	0,287	0,002	0,015	0,043	FALSE
-0,050	0,276	-0,003	0,009	0,112	FALSE
0,252	0,262	0,010	0,012	0,391	FALSE
-0,065	0,269	-0,003	0,008	0,145	FALSE
0,010	0,302	0,002	0,011	0,055	FALSE
0,024	0,267	0,004	0,015	0,104	FALSE
0,052	0,285	0,004	0,014	0,103	FALSE
-0,028	0,274	0,000	0,015	0,012	FALSE
-0,177	0,279	-0,005	0,009	0,265	FALSE
0,017	0,279	0,000	0,008	0,015	FALSE
-0,119	0,280	-0,005	0,011	0,183	FALSE
-0,196	0,267	-0,010	0,014	0,336	FALSE
-0,063	0,287	-0,004	0,012	0,123	FALSE
-0,055	0,267	-0,008	0,016	0,191	FALSE
-0,240	0,260	-0,009	0,010	0,444	FALSE
-0,092	0,277	-0,009	0,017	0,226	FALSE
0,048	0,288	0,004	0,011	0,129	FALSE
0,120	0,281	0,003	0,014	0,074	FALSE
-0,057	0,271	-0,004	0,017	0,080	FALSE
0,042	0,285	0,002	0,010	0,072	FALSE
-0,016	0,283	-0,001	0,017	0,014	FALSE
0,089	0,275	0,004	0,017	0,103	FALSE
-0,070	0,272	-0,004	0,017	0,091	FALSE
0,082	0,291	0,003	0,014	0,092	FALSE
-0,108	0,291	-0,004	0,011	0,120	FALSE
0,185	0,280	0,010	0,018	0,233	FALSE
0,111	0,295	0,004	0,014	0,125	FALSE
0,098	0,287	0,005	0,018	0,110	FALSE
-0,075	0,292	-0,003	0,015	0,082	FALSE
-0,140	0,278	-0,008	0,016	0,205	FALSE
-0,008	0,305	0,001	0,016	0,017	FALSE
0,047	0,289	0,003	0,016	0,056	FALSE
0,051	0,280	0,005	0,014	0,123	FALSE
0,169	0,273	0,006	0,013	0,188	FALSE
0,143	0,282	0,007	0,015	0,190	FALSE
-0,102	0,269	-0,004	0,011	0,153	FALSE
-0,049	0,279	-0,001	0,009	0,062	FALSE
-0,091	0,282	-0,004	0,014	0,112	FALSE
0,033	0,290	0,002	0,012	0,050	FALSE
-0,190	0,271	-0,009	0,017	0,231	FALSE
0,152	0,266	0,004	0,010	0,176	FALSE
-0,075	0,289	-0,003	0,012	0,109	FALSE
-0,071	0,291	-0,002	0,010	0,084	FALSE
-0,063	0,285	-0,002	0,009	0,076	FALSE
0,144	0,279	0,005	0,009	0,243	FALSE
-0,068	0,295	-0,001	0,009	0,038	FALSE
0,084	0,281	0,005	0,017	0,119	FALSE
0,124	0,270	0,006	0,016	0,150	FALSE

0,052	0,265	0,004	0,014	0,097	FALSE
-0,043	0,270	-0,003	0,016	0,075	FALSE
-0,072	0,286	-0,001	0,011	0,041	FALSE
0,174	0,293	0,006	0,009	0,282	FALSE
-0,186	0,286	-0,009	0,015	0,256	FALSE
-0,031	0,303	-0,002	0,010	0,064	FALSE
-0,017	0,291	-0,001	0,015	0,019	FALSE
0,111	0,296	0,007	0,018	0,167	FALSE
0,141	0,281	0,009	0,017	0,218	FALSE
-0,078	0,285	-0,003	0,012	0,083	FALSE
-0,031	0,285	-0,002	0,016	0,034	FALSE
0,149	0,285	0,003	0,010	0,123	FALSE
-0,163	0,280	-0,011	0,017	0,277	FALSE
-0,146	0,295	-0,004	0,009	0,187	FALSE
0,195	0,259	0,010	0,014	0,338	FALSE
0,190	0,277	0,010	0,015	0,293	FALSE
0,059	0,276	0,003	0,016	0,068	FALSE
-0,064	0,293	-0,001	0,010	0,048	FALSE
0,036	0,291	0,001	0,017	0,030	FALSE
-0,041	0,283	0,000	0,009	0,019	FALSE
0,060	0,275	0,001	0,008	0,053	FALSE
-0,004	0,285	0,001	0,010	0,020	FALSE
-0,074	0,282	-0,002	0,010	0,080	FALSE
0,010	0,291	-0,003	0,015	0,064	FALSE
-0,027	0,282	-0,002	0,009	0,081	FALSE
0,147	0,296	0,008	0,013	0,290	FALSE
0,129	0,270	0,004	0,012	0,127	FALSE
-0,146	0,283	-0,004	0,008	0,196	FALSE
0,220	0,270	0,006	0,008	0,351	FALSE
-0,005	0,287	0,000	0,018	0,004	FALSE
0,034	0,284	0,002	0,014	0,045	FALSE
0,021	0,275	0,001	0,012	0,033	FALSE
0,021	0,274	0,001	0,012	0,044	FALSE
0,169	0,272	0,009	0,017	0,239	FALSE
0,005	0,284	-0,001	0,017	0,015	FALSE
0,041	0,286	0,000	0,017	0,010	FALSE
0,037	0,298	0,001	0,018	0,011	FALSE
0,044	0,291	0,004	0,016	0,101	FALSE
0,192	0,279	0,011	0,016	0,296	FALSE
-0,068	0,287	-0,001	0,010	0,051	FALSE
0,084	0,286	0,005	0,018	0,112	FALSE
-0,089	0,293	-0,003	0,011	0,118	FALSE
0,086	0,290	0,003	0,010	0,109	FALSE
-0,017	0,293	0,001	0,017	0,021	FALSE
0,039	0,274	0,002	0,014	0,055	FALSE
-0,193	0,283	-0,007	0,012	0,274	FALSE
-0,182	0,287	-0,007	0,013	0,229	FALSE
0,037	0,278	0,001	0,012	0,023	FALSE
0,024	0,287	0,002	0,015	0,056	FALSE
0,168	0,271	0,010	0,017	0,273	FALSE
0,190	0,277	0,012	0,018	0,296	FALSE
0,192	0,284	0,012	0,017	0,294	FALSE
0,166	0,270	0,009	0,017	0,243	FALSE

0,180	0,276	0,011	0,017	0,300	FALSE
-0,207	0,277	-0,005	0,008	0,287	FALSE
-0,182	0,298	-0,004	0,010	0,171	FALSE
-0,132	0,278	-0,005	0,012	0,162	FALSE
0,005	0,282	-0,001	0,012	0,016	FALSE
0,015	0,281	0,001	0,013	0,033	FALSE
0,020	0,296	0,002	0,012	0,065	FALSE
0,102	0,283	0,004	0,013	0,113	FALSE
0,084	0,266	0,001	0,013	0,025	FALSE
0,029	0,291	0,001	0,009	0,027	FALSE
0,123	0,290	0,007	0,016	0,178	FALSE
0,103	0,280	0,003	0,017	0,073	FALSE
-0,003	0,281	0,001	0,016	0,027	FALSE
-0,102	0,289	-0,003	0,012	0,093	FALSE
-0,077	0,264	-0,002	0,011	0,056	FALSE
0,026	0,273	-0,003	0,015	0,066	FALSE
-0,086	0,273	-0,002	0,009	0,084	FALSE
-0,180	0,273	-0,008	0,018	0,183	FALSE
0,128	0,280	0,005	0,018	0,106	FALSE
-0,038	0,277	0,001	0,011	0,027	FALSE
0,092	0,285	0,001	0,016	0,012	FALSE
-0,036	0,278	0,000	0,017	0,003	FALSE
-0,207	0,280	-0,006	0,009	0,314	FALSE
0,200	0,277	0,010	0,014	0,329	FALSE
-0,069	0,276	-0,002	0,009	0,086	FALSE
0,081	0,299	0,005	0,014	0,155	FALSE
-0,144	0,272	-0,005	0,011	0,180	FALSE
0,047	0,282	-0,001	0,012	0,015	FALSE
0,117	0,286	0,005	0,013	0,168	FALSE
0,111	0,267	0,004	0,016	0,102	FALSE
0,016	0,283	0,000	0,017	0,001	FALSE
0,146	0,276	0,003	0,009	0,157	FALSE
0,151	0,257	0,003	0,009	0,110	FALSE
0,089	0,285	0,005	0,016	0,123	FALSE
0,006	0,288	-0,001	0,013	0,035	FALSE
-0,199	0,278	-0,008	0,011	0,314	FALSE
0,162	0,277	0,008	0,017	0,181	FALSE
0,161	0,273	0,007	0,017	0,152	FALSE
0,325	0,263	0,009	0,009	0,485	FALSE
-0,067	0,278	-0,003	0,011	0,111	FALSE
-0,076	0,283	-0,002	0,010	0,078	FALSE
-0,261	0,274	-0,010	0,013	0,343	FALSE
0,129	0,292	0,005	0,012	0,149	FALSE
0,091	0,279	0,001	0,011	0,027	FALSE
-0,192	0,272	-0,012	0,018	0,290	FALSE
-0,007	0,284	-0,001	0,012	0,026	FALSE
0,127	0,274	0,003	0,009	0,153	FALSE
-0,160	0,268	-0,006	0,012	0,194	FALSE
0,176	0,280	0,005	0,009	0,232	FALSE
-0,115	0,278	-0,006	0,012	0,195	FALSE
-0,096	0,281	-0,005	0,012	0,158	FALSE
-0,044	0,275	-0,002	0,015	0,052	FALSE
-0,126	0,289	-0,005	0,009	0,226	FALSE

0,107	0,278	0,006	0,017	0,130	FALSE
-0,043	0,284	-0,002	0,017	0,047	FALSE
-0,094	0,275	-0,003	0,010	0,097	FALSE
0,141	0,266	0,003	0,013	0,084	FALSE
0,109	0,290	0,004	0,017	0,096	FALSE
0,222	0,264	0,007	0,013	0,215	FALSE
0,203	0,256	0,007	0,014	0,197	FALSE
-0,139	0,297	-0,005	0,010	0,182	FALSE
0,054	0,289	0,002	0,009	0,065	FALSE
-0,028	0,292	0,001	0,011	0,036	FALSE
-0,073	0,275	-0,003	0,009	0,139	FALSE
-0,152	0,273	-0,005	0,013	0,155	FALSE
0,022	0,282	0,002	0,016	0,042	FALSE
-0,046	0,301	-0,002	0,010	0,078	FALSE
0,132	0,258	0,002	0,011	0,062	FALSE
0,117	0,288	0,005	0,017	0,113	FALSE
0,027	0,285	0,004	0,017	0,090	FALSE
0,080	0,280	0,002	0,009	0,091	FALSE
-0,344	0,260	-0,015	0,014	0,553	FALSE
0,041	0,286	0,005	0,013	0,145	FALSE
0,058	0,273	0,005	0,016	0,124	FALSE
-0,027	0,280	-0,002	0,012	0,064	FALSE
-0,139	0,276	-0,005	0,010	0,189	FALSE
0,058	0,280	0,004	0,015	0,093	FALSE
-0,139	0,287	-0,004	0,009	0,159	FALSE
-0,290	0,261	-0,013	0,012	0,521	FALSE
-0,159	0,285	-0,010	0,017	0,254	FALSE
-0,026	0,278	-0,003	0,017	0,057	FALSE
-0,212	0,266	-0,008	0,011	0,303	FALSE
0,166	0,276	0,007	0,013	0,237	FALSE
-0,023	0,285	0,000	0,010	0,010	FALSE
-0,145	0,274	-0,005	0,012	0,157	FALSE
-0,154	0,273	-0,006	0,013	0,206	FALSE
0,197	0,281	0,007	0,009	0,340	FALSE
-0,165	0,286	-0,008	0,015	0,217	FALSE
0,097	0,277	0,005	0,011	0,177	FALSE
0,073	0,276	0,002	0,010	0,063	FALSE
0,119	0,267	0,002	0,010	0,092	FALSE
0,068	0,274	0,003	0,014	0,073	FALSE
0,221	0,278	0,009	0,013	0,309	FALSE
-0,090	0,277	-0,003	0,009	0,125	FALSE
0,063	0,288	0,004	0,016	0,093	FALSE
-0,004	0,287	0,001	0,017	0,027	FALSE
0,021	0,271	0,002	0,016	0,056	FALSE
0,019	0,284	0,003	0,013	0,080	FALSE
0,105	0,280	0,003	0,013	0,087	FALSE
0,176	0,274	0,009	0,017	0,231	FALSE
-0,192	0,293	-0,005	0,010	0,227	FALSE
0,079	0,294	0,004	0,013	0,125	FALSE
0,068	0,278	0,004	0,013	0,113	FALSE
-0,033	0,283	-0,002	0,009	0,100	FALSE
-0,060	0,292	-0,003	0,010	0,107	FALSE
0,006	0,268	0,000	0,017	0,004	FALSE

0,146	0,278	0,009	0,017	0,245	FALSE
0,112	0,282	0,005	0,015	0,149	FALSE
0,145	0,272	0,004	0,013	0,119	FALSE
-0,036	0,292	-0,001	0,009	0,028	FALSE
-0,046	0,264	-0,002	0,012	0,071	FALSE
-0,110	0,280	-0,008	0,015	0,233	FALSE
0,037	0,276	-0,001	0,014	0,021	FALSE
-0,117	0,274	-0,005	0,013	0,173	FALSE
0,048	0,275	0,002	0,010	0,060	FALSE
0,001	0,302	0,000	0,015	0,002	FALSE
-0,091	0,267	-0,004	0,014	0,122	FALSE
0,118	0,277	0,006	0,014	0,176	FALSE
-0,029	0,288	-0,001	0,017	0,028	FALSE
-0,117	0,290	-0,008	0,018	0,174	FALSE
0,074	0,285	0,002	0,013	0,061	FALSE
-0,070	0,286	-0,002	0,017	0,039	FALSE
-0,148	0,274	-0,008	0,017	0,188	FALSE
0,149	0,269	0,005	0,011	0,197	FALSE
0,197	0,273	0,007	0,016	0,194	FALSE
0,233	0,268	0,010	0,014	0,319	FALSE
0,201	0,278	0,006	0,012	0,207	FALSE
0,023	0,292	0,002	0,014	0,054	FALSE
-0,019	0,259	0,002	0,017	0,037	FALSE
-0,153	0,278	-0,007	0,012	0,270	FALSE
0,072	0,276	0,004	0,013	0,130	FALSE
-0,037	0,263	-0,003	0,013	0,082	FALSE
-0,099	0,285	-0,005	0,014	0,128	FALSE
-0,104	0,285	-0,003	0,011	0,100	FALSE
-0,021	0,286	0,001	0,013	0,034	FALSE
0,000	0,272	0,001	0,012	0,038	FALSE
0,010	0,282	0,002	0,013	0,069	FALSE
0,010	0,275	0,001	0,009	0,051	FALSE
0,014	0,285	0,001	0,010	0,047	FALSE
0,164	0,289	0,006	0,011	0,244	FALSE
-0,011	0,303	-0,001	0,011	0,016	FALSE
0,012	0,290	0,002	0,014	0,064	FALSE
0,128	0,274	0,003	0,009	0,137	FALSE
0,107	0,283	0,005	0,014	0,133	FALSE
0,121	0,289	0,004	0,009	0,162	FALSE
0,114	0,284	0,005	0,013	0,142	FALSE
0,050	0,280	0,003	0,014	0,076	FALSE
-0,032	0,281	-0,001	0,013	0,034	FALSE
-0,092	0,293	-0,006	0,017	0,139	FALSE
0,052	0,285	0,003	0,015	0,072	FALSE
-0,163	0,274	-0,005	0,009	0,245	FALSE
-0,211	0,269	-0,012	0,016	0,339	FALSE
-0,017	0,285	-0,001	0,013	0,037	FALSE
-0,084	0,290	-0,006	0,016	0,152	FALSE
0,049	0,281	0,002	0,015	0,043	FALSE
0,135	0,258	0,007	0,014	0,203	FALSE
-0,073	0,279	-0,005	0,017	0,106	FALSE
0,166	0,282	0,009	0,015	0,266	FALSE
0,091	0,284	0,004	0,011	0,123	FALSE

0,029	0,271	0,001	0,012	0,029	FALSE
-0,175	0,271	-0,005	0,010	0,212	FALSE
-0,072	0,288	-0,002	0,011	0,055	FALSE
-0,161	0,289	-0,008	0,015	0,224	FALSE
-0,042	0,299	-0,002	0,016	0,055	FALSE
0,078	0,291	0,005	0,016	0,116	FALSE
0,123	0,278	0,004	0,009	0,195	FALSE
-0,031	0,284	0,000	0,010	0,000	FALSE
0,199	0,262	0,008	0,013	0,289	FALSE
-0,025	0,276	0,001	0,017	0,011	FALSE
-0,013	0,280	0,001	0,016	0,014	FALSE
-0,061	0,275	-0,002	0,008	0,077	FALSE
-0,046	0,278	0,000	0,014	0,005	FALSE
0,162	0,278	0,013	0,017	0,343	FALSE
0,037	0,281	-0,001	0,016	0,021	FALSE
-0,101	0,287	-0,005	0,018	0,112	FALSE
-0,043	0,289	-0,002	0,009	0,103	FALSE
-0,126	0,263	-0,010	0,016	0,270	FALSE
0,180	0,274	0,010	0,014	0,343	FALSE
-0,153	0,279	-0,006	0,015	0,177	FALSE
-0,175	0,283	-0,005	0,010	0,196	FALSE
-0,092	0,292	-0,006	0,012	0,202	FALSE
0,092	0,285	0,006	0,017	0,137	FALSE
-0,161	0,270	-0,006	0,011	0,237	FALSE
-0,040	0,280	-0,002	0,014	0,041	FALSE
0,153	0,270	0,007	0,017	0,157	FALSE
0,031	0,289	0,003	0,017	0,068	FALSE
0,006	0,281	-0,001	0,011	0,039	FALSE
-0,125	0,282	-0,005	0,009	0,256	FALSE
-0,016	0,263	-0,003	0,016	0,069	FALSE
-0,022	0,283	-0,001	0,017	0,012	FALSE
-0,091	0,277	-0,006	0,017	0,156	FALSE
0,119	0,276	0,006	0,016	0,155	FALSE
-0,065	0,248	-0,005	0,017	0,121	FALSE
-0,013	0,296	0,000	0,018	0,002	FALSE
-0,017	0,300	0,000	0,018	0,008	FALSE
-0,034	0,298	-0,001	0,018	0,015	FALSE
-0,038	0,296	-0,001	0,010	0,019	FALSE
0,050	0,283	0,000	0,016	0,006	FALSE
0,052	0,308	0,000	0,017	0,006	FALSE
-0,002	0,286	0,001	0,012	0,042	FALSE
0,083	0,276	0,002	0,013	0,059	FALSE
0,086	0,278	0,002	0,010	0,085	FALSE
0,046	0,291	0,001	0,009	0,061	FALSE
-0,014	0,265	0,000	0,017	0,008	FALSE
0,058	0,279	0,001	0,017	0,020	FALSE
-0,167	0,274	-0,008	0,014	0,259	FALSE
0,122	0,270	0,009	0,015	0,269	FALSE
0,214	0,294	0,014	0,018	0,357	FALSE
0,178	0,281	0,012	0,017	0,309	FALSE
0,176	0,278	0,014	0,017	0,377	FALSE
0,060	0,291	0,005	0,012	0,154	FALSE
0,193	0,273	0,005	0,009	0,209	FALSE

-0,020	0,290	0,000	0,018	0,006	FALSE
-0,007	0,289	-0,001	0,013	0,026	FALSE
0,002	0,276	-0,001	0,017	0,031	FALSE
0,167	0,283	0,006	0,011	0,245	FALSE
0,067	0,283	0,008	0,018	0,183	FALSE
-0,197	0,266	-0,014	0,016	0,436	FALSE
-0,049	0,285	-0,003	0,012	0,088	FALSE
0,006	0,277	0,001	0,011	0,046	FALSE
0,048	0,295	0,001	0,016	0,025	FALSE
0,022	0,277	0,000	0,015	0,011	FALSE
-0,114	0,278	-0,007	0,016	0,173	FALSE
0,114	0,274	0,005	0,015	0,133	FALSE
-0,087	0,277	-0,005	0,016	0,138	FALSE
-0,019	0,279	0,000	0,010	0,006	FALSE
-0,028	0,281	-0,003	0,010	0,115	FALSE
0,087	0,289	0,006	0,014	0,181	FALSE
0,041	0,289	0,002	0,015	0,045	FALSE
0,101	0,276	0,002	0,016	0,044	FALSE
0,097	0,285	0,003	0,008	0,133	FALSE
0,167	0,281	0,005	0,012	0,174	FALSE
0,082	0,283	0,003	0,013	0,098	FALSE
0,035	0,285	0,000	0,010	0,015	FALSE
-0,095	0,300	-0,007	0,018	0,160	FALSE
0,191	0,279	0,006	0,009	0,307	FALSE
0,035	0,271	0,003	0,014	0,073	FALSE
-0,042	0,293	0,000	0,012	0,008	FALSE
0,122	0,272	0,004	0,009	0,190	FALSE
-0,219	0,274	-0,007	0,011	0,309	FALSE
-0,160	0,290	-0,009	0,016	0,227	FALSE
0,186	0,275	0,006	0,010	0,263	FALSE
0,146	0,285	0,005	0,010	0,195	FALSE
0,103	0,291	0,006	0,016	0,159	FALSE
-0,041	0,275	-0,002	0,011	0,074	FALSE
-0,005	0,280	-0,002	0,015	0,041	FALSE
0,080	0,274	0,002	0,012	0,064	FALSE
0,183	0,274	0,005	0,010	0,214	FALSE
0,116	0,294	0,003	0,009	0,121	FALSE
-0,083	0,292	-0,003	0,010	0,114	FALSE
0,029	0,294	0,001	0,018	0,021	FALSE
0,117	0,294	0,003	0,011	0,098	FALSE
-0,155	0,277	-0,006	0,014	0,182	FALSE
0,092	0,287	0,006	0,016	0,145	FALSE
-0,146	0,282	-0,008	0,016	0,202	FALSE
-0,018	0,285	0,001	0,013	0,018	FALSE
0,146	0,277	0,004	0,009	0,186	FALSE
-0,185	0,291	-0,010	0,017	0,259	FALSE
-0,065	0,282	-0,005	0,013	0,169	FALSE
0,104	0,277	0,003	0,010	0,127	FALSE
-0,154	0,277	-0,007	0,011	0,290	FALSE
-0,149	0,277	-0,008	0,012	0,292	FALSE
0,016	0,282	0,001	0,013	0,020	FALSE
-0,159	0,275	-0,008	0,012	0,263	FALSE
0,055	0,292	0,003	0,018	0,058	FALSE

0,083	0,283	0,004	0,016	0,087	FALSE
0,092	0,291	0,002	0,017	0,055	FALSE
-0,106	0,283	-0,003	0,010	0,108	FALSE
-0,040	0,286	0,001	0,017	0,021	FALSE
0,037	0,297	0,001	0,011	0,029	FALSE
0,073	0,281	0,002	0,013	0,052	FALSE
0,027	0,297	0,001	0,017	0,018	FALSE
0,052	0,279	0,003	0,017	0,059	FALSE
-0,123	0,267	-0,009	0,015	0,253	FALSE
0,050	0,263	0,002	0,016	0,056	FALSE
0,044	0,267	0,002	0,016	0,046	FALSE
0,137	0,259	0,008	0,015	0,226	FALSE
0,184	0,266	0,004	0,009	0,217	FALSE
0,123	0,275	0,005	0,014	0,152	FALSE
0,066	0,288	0,003	0,010	0,100	FALSE
-0,002	0,297	-0,001	0,018	0,013	FALSE
0,001	0,299	-0,001	0,017	0,011	FALSE
-0,137	0,292	-0,004	0,009	0,175	FALSE
0,123	0,277	0,006	0,017	0,144	FALSE
0,041	0,284	0,001	0,009	0,026	FALSE
-0,085	0,274	-0,002	0,011	0,066	FALSE
0,102	0,292	0,004	0,011	0,121	FALSE
0,093	0,245	0,005	0,017	0,114	FALSE
-0,135	0,280	-0,007	0,012	0,236	FALSE
0,079	0,287	0,003	0,011	0,089	FALSE
0,028	0,286	0,004	0,012	0,130	FALSE
-0,013	0,280	0,000	0,012	0,013	FALSE
0,035	0,286	0,001	0,014	0,036	FALSE
0,064	0,280	0,002	0,011	0,056	FALSE
-0,076	0,291	-0,004	0,018	0,095	FALSE
-0,068	0,312	-0,004	0,018	0,075	FALSE
-0,129	0,278	-0,004	0,013	0,134	FALSE
0,077	0,275	0,002	0,009	0,110	FALSE
0,073	0,274	0,003	0,009	0,139	FALSE
-0,011	0,292	-0,001	0,015	0,029	FALSE
0,007	0,280	0,000	0,010	0,006	FALSE
0,204	0,259	0,008	0,016	0,212	FALSE
-0,015	0,280	-0,001	0,010	0,046	FALSE
-0,109	0,295	-0,003	0,012	0,106	FALSE
0,141	0,280	0,006	0,014	0,194	FALSE
0,071	0,285	0,003	0,009	0,117	FALSE
0,076	0,287	0,001	0,009	0,055	FALSE
0,134	0,295	0,008	0,015	0,229	FALSE
0,083	0,280	0,003	0,009	0,147	FALSE
0,180	0,268	0,008	0,017	0,197	FALSE
0,201	0,277	0,009	0,013	0,303	FALSE
0,205	0,275	0,009	0,014	0,289	FALSE
0,086	0,264	0,003	0,012	0,099	FALSE
0,230	0,275	0,007	0,010	0,348	FALSE
0,131	0,275	0,004	0,010	0,179	FALSE
-0,012	0,278	-0,001	0,009	0,058	FALSE
0,076	0,283	0,004	0,014	0,102	FALSE
-0,054	0,298	-0,002	0,014	0,063	FALSE

-0,144	0,294	-0,010	0,018	0,242	FALSE
0,090	0,277	0,003	0,011	0,093	FALSE
0,145	0,278	0,009	0,016	0,231	FALSE
0,159	0,282	0,010	0,017	0,259	FALSE
-0,125	0,289	-0,008	0,014	0,225	FALSE
0,058	0,278	0,004	0,018	0,094	FALSE
0,013	0,276	0,001	0,012	0,033	FALSE
-0,061	0,280	-0,002	0,010	0,086	FALSE
0,100	0,272	0,002	0,012	0,079	FALSE
0,142	0,280	0,007	0,015	0,179	FALSE
0,129	0,289	0,004	0,009	0,176	FALSE
-0,045	0,280	-0,001	0,011	0,043	FALSE
0,133	0,273	0,006	0,011	0,257	FALSE
-0,218	0,282	-0,008	0,012	0,288	FALSE
-0,175	0,285	-0,008	0,017	0,190	FALSE
-0,169	0,265	-0,004	0,009	0,204	FALSE
-0,043	0,261	-0,002	0,011	0,055	FALSE
-0,146	0,283	-0,005	0,011	0,196	FALSE
-0,232	0,267	-0,007	0,008	0,417	FALSE
-0,263	0,275	-0,009	0,010	0,443	FALSE
-0,177	0,278	-0,006	0,010	0,256	FALSE
-0,057	0,283	-0,004	0,016	0,099	FALSE
0,069	0,286	0,000	0,009	0,010	FALSE
0,143	0,287	0,004	0,011	0,158	FALSE
-0,049	0,259	-0,003	0,015	0,075	FALSE
0,056	0,282	0,003	0,013	0,074	FALSE
0,004	0,281	-0,002	0,013	0,072	FALSE
0,168	0,274	0,005	0,010	0,215	FALSE
0,062	0,289	0,002	0,013	0,065	FALSE
-0,070	0,296	-0,002	0,009	0,099	FALSE
-0,004	0,287	0,001	0,009	0,043	FALSE
-0,145	0,275	-0,007	0,014	0,224	FALSE
-0,140	0,277	-0,005	0,012	0,179	FALSE
-0,245	0,273	-0,010	0,013	0,354	FALSE
-0,058	0,298	-0,003	0,017	0,067	FALSE
0,015	0,286	-0,001	0,009	0,025	FALSE
-0,100	0,289	-0,003	0,011	0,103	FALSE
0,022	0,275	0,000	0,009	0,004	FALSE
0,006	0,288	0,001	0,015	0,018	FALSE
-0,014	0,283	-0,001	0,013	0,035	FALSE
-0,173	0,287	-0,004	0,009	0,217	FALSE
-0,216	0,283	-0,011	0,013	0,401	FALSE
0,137	0,292	0,005	0,012	0,184	FALSE
0,051	0,284	0,001	0,011	0,041	FALSE
-0,143	0,284	-0,005	0,013	0,178	FALSE
-0,013	0,285	-0,001	0,016	0,013	FALSE
0,040	0,283	0,002	0,015	0,039	FALSE
-0,028	0,281	0,000	0,012	0,004	FALSE
0,021	0,289	0,003	0,016	0,063	FALSE
-0,047	0,285	-0,002	0,009	0,065	FALSE
-0,063	0,295	-0,001	0,016	0,029	FALSE
0,124	0,278	0,004	0,010	0,158	FALSE
-0,127	0,300	-0,006	0,013	0,178	FALSE

0,114	0,277	0,004	0,018	0,091	FALSE
0,057	0,289	-0,001	0,017	0,011	FALSE
0,144	0,273	0,005	0,017	0,111	FALSE
0,121	0,282	0,003	0,009	0,135	FALSE
-0,051	0,273	-0,001	0,013	0,023	FALSE
0,001	0,280	0,000	0,012	0,002	FALSE
0,145	0,279	0,006	0,016	0,159	FALSE
0,103	0,281	0,007	0,016	0,185	FALSE
0,224	0,275	0,011	0,015	0,326	FALSE
0,068	0,284	0,003	0,016	0,068	FALSE
-0,013	0,273	-0,001	0,008	0,026	FALSE
-0,030	0,291	-0,002	0,018	0,048	FALSE
-0,172	0,275	-0,010	0,017	0,256	FALSE
0,338	0,262	0,013	0,011	0,589	FALSE
-0,196	0,293	-0,013	0,016	0,383	FALSE
-0,188	0,278	-0,010	0,014	0,314	FALSE
-0,187	0,286	-0,010	0,014	0,325	FALSE
-0,266	0,270	-0,015	0,015	0,494	FALSE
-0,174	0,284	-0,005	0,013	0,161	FALSE
0,010	0,289	0,001	0,012	0,034	FALSE
-0,172	0,294	-0,004	0,009	0,195	FALSE
-0,004	0,282	-0,002	0,012	0,051	FALSE
0,095	0,281	0,004	0,013	0,111	FALSE
0,166	0,277	0,006	0,012	0,219	FALSE
0,027	0,294	0,001	0,018	0,013	FALSE
-0,020	0,290	0,000	0,010	0,014	FALSE
0,263	0,254	0,005	0,008	0,287	FALSE
0,095	0,293	0,002	0,016	0,045	FALSE
-0,007	0,292	0,001	0,014	0,024	FALSE
0,015	0,285	-0,002	0,017	0,040	FALSE
-0,056	0,292	-0,001	0,012	0,030	FALSE
0,063	0,290	0,002	0,010	0,069	FALSE
0,007	0,278	0,001	0,015	0,034	FALSE
-0,030	0,275	-0,001	0,015	0,012	FALSE
0,070	0,294	0,002	0,018	0,049	FALSE
-0,058	0,274	-0,002	0,010	0,060	FALSE
0,184	0,262	0,008	0,017	0,201	FALSE
-0,032	0,274	-0,001	0,010	0,042	FALSE
-0,055	0,280	-0,003	0,011	0,116	FALSE
-0,029	0,308	-0,002	0,019	0,043	FALSE
-0,113	0,281	-0,005	0,011	0,179	FALSE
-0,027	0,282	-0,001	0,009	0,026	FALSE
-0,017	0,279	-0,001	0,010	0,019	FALSE
0,069	0,295	0,003	0,011	0,094	FALSE
0,112	0,290	0,004	0,012	0,137	FALSE
0,012	0,296	0,001	0,009	0,040	FALSE
0,111	0,278	0,003	0,009	0,123	FALSE
0,075	0,269	0,003	0,010	0,122	FALSE
0,072	0,293	0,003	0,012	0,109	FALSE
0,120	0,272	0,004	0,009	0,167	FALSE
0,090	0,270	0,004	0,011	0,140	FALSE
0,172	0,277	0,005	0,009	0,230	FALSE
-0,023	0,302	-0,001	0,017	0,022	FALSE

0,286	0,257	0,009	0,010	0,419	FALSE
-0,128	0,284	-0,004	0,009	0,191	FALSE
-0,197	0,259	-0,012	0,016	0,326	FALSE
0,266	0,265	0,015	0,017	0,394	FALSE
-0,100	0,280	-0,003	0,008	0,133	FALSE
0,117	0,282	0,006	0,017	0,144	FALSE
-0,126	0,264	-0,005	0,014	0,142	FALSE
0,131	0,283	0,006	0,017	0,145	FALSE
0,048	0,294	0,002	0,017	0,050	FALSE
0,041	0,294	0,003	0,017	0,059	FALSE
0,046	0,283	0,002	0,017	0,051	FALSE
0,100	0,288	0,002	0,009	0,101	FALSE
0,002	0,295	0,000	0,017	0,001	FALSE
0,014	0,289	0,000	0,017	0,005	FALSE
0,015	0,286	0,000	0,017	0,006	FALSE
0,027	0,305	0,001	0,018	0,024	FALSE
-0,003	0,292	-0,001	0,018	0,015	FALSE
0,025	0,301	0,001	0,017	0,017	FALSE
-0,007	0,293	-0,001	0,017	0,021	FALSE
0,000	0,289	0,000	0,017	0,001	FALSE
-0,013	0,298	-0,001	0,018	0,021	FALSE
0,000	0,303	0,000	0,018	0,002	FALSE
0,027	0,296	0,001	0,017	0,021	FALSE
0,005	0,296	0,000	0,017	0,003	FALSE
0,001	0,302	-0,001	0,018	0,015	FALSE
0,006	0,313	0,000	0,018	0,004	FALSE
0,027	0,298	0,002	0,017	0,036	FALSE
0,081	0,293	0,002	0,009	0,081	FALSE
-0,090	0,288	-0,003	0,014	0,093	FALSE
0,112	0,286	0,005	0,011	0,180	FALSE
0,051	0,295	0,003	0,013	0,100	FALSE
-0,067	0,300	-0,003	0,018	0,063	FALSE
-0,040	0,287	-0,002	0,010	0,058	FALSE
-0,120	0,285	-0,005	0,017	0,104	FALSE
0,015	0,282	0,002	0,017	0,045	FALSE
0,077	0,287	0,003	0,016	0,081	FALSE
-0,053	0,291	-0,002	0,018	0,049	FALSE
0,002	0,272	-0,002	0,015	0,058	FALSE
0,112	0,278	0,005	0,014	0,125	FALSE
0,043	0,280	0,002	0,015	0,052	FALSE
0,025	0,292	0,002	0,016	0,034	FALSE
-0,001	0,291	0,000	0,011	0,008	FALSE
-0,124	0,269	-0,004	0,011	0,147	FALSE
0,065	0,271	-0,001	0,013	0,030	FALSE
-0,057	0,291	0,000	0,009	0,006	FALSE
0,200	0,280	0,008	0,013	0,285	FALSE
-0,112	0,286	-0,005	0,009	0,223	FALSE
0,163	0,262	0,005	0,010	0,216	FALSE
-0,148	0,283	-0,004	0,009	0,176	FALSE
0,024	0,290	0,001	0,010	0,033	FALSE
-0,047	0,305	-0,002	0,018	0,049	FALSE
-0,020	0,292	-0,001	0,017	0,016	FALSE
-0,016	0,277	0,000	0,009	0,006	FALSE

0,103	0,282	0,005	0,012	0,159	FALSE
0,078	0,279	0,004	0,011	0,125	FALSE
0,008	0,294	0,001	0,009	0,044	FALSE
-0,080	0,277	-0,003	0,011	0,086	FALSE
-0,092	0,285	-0,003	0,014	0,076	FALSE
-0,115	0,273	-0,005	0,014	0,134	FALSE
0,163	0,280	0,009	0,017	0,220	FALSE
0,229	0,270	0,014	0,017	0,392	FALSE
-0,121	0,278	-0,007	0,017	0,173	FALSE
0,138	0,282	0,009	0,017	0,240	FALSE
-0,041	0,293	-0,002	0,015	0,037	FALSE
-0,026	0,277	-0,001	0,015	0,022	FALSE
0,071	0,279	0,003	0,010	0,115	FALSE
0,003	0,283	0,003	0,015	0,079	FALSE
-0,158	0,270	-0,006	0,010	0,249	FALSE
0,066	0,273	0,003	0,012	0,109	FALSE
-0,153	0,281	-0,005	0,010	0,222	FALSE
0,065	0,274	0,003	0,008	0,141	FALSE
-0,058	0,287	-0,005	0,014	0,131	FALSE
-0,041	0,287	-0,002	0,013	0,056	FALSE
-0,046	0,284	-0,004	0,014	0,129	FALSE
-0,092	0,290	-0,005	0,014	0,151	FALSE
-0,048	0,291	-0,001	0,011	0,033	FALSE
-0,076	0,283	-0,002	0,008	0,117	FALSE
-0,056	0,299	-0,002	0,009	0,084	FALSE
-0,091	0,288	-0,003	0,009	0,123	FALSE
0,018	0,299	0,002	0,016	0,036	FALSE
-0,214	0,272	-0,008	0,012	0,298	FALSE
-0,040	0,288	-0,002	0,017	0,047	FALSE
0,194	0,266	0,007	0,012	0,250	FALSE
-0,125	0,290	-0,006	0,014	0,161	FALSE
0,254	0,259	0,014	0,016	0,396	FALSE
0,255	0,261	0,014	0,016	0,421	FALSE
0,207	0,279	0,010	0,016	0,266	FALSE
-0,105	0,287	-0,003	0,011	0,104	FALSE
0,204	0,263	0,009	0,015	0,281	FALSE
0,201	0,275	0,009	0,014	0,279	FALSE
0,016	0,284	0,001	0,011	0,047	FALSE
0,077	0,296	0,002	0,010	0,075	FALSE
-0,045	0,288	-0,002	0,016	0,045	FALSE
-0,163	0,279	-0,004	0,009	0,157	FALSE
0,170	0,277	0,010	0,014	0,304	FALSE
0,002	0,280	0,000	0,009	0,005	FALSE
0,091	0,288	0,005	0,017	0,121	FALSE
-0,048	0,282	-0,001	0,011	0,018	FALSE
0,189	0,280	0,006	0,010	0,286	FALSE
-0,145	0,277	-0,010	0,017	0,238	FALSE
-0,292	0,264	-0,016	0,017	0,450	FALSE
-0,094	0,278	-0,003	0,013	0,106	FALSE
-0,213	0,293	-0,007	0,010	0,336	FALSE
-0,252	0,279	-0,008	0,009	0,386	FALSE
0,157	0,275	0,006	0,014	0,168	FALSE
-0,221	0,250	-0,015	0,017	0,422	FALSE

0,014	0,289	0,002	0,013	0,056	FALSE
-0,163	0,261	-0,011	0,017	0,284	FALSE
0,158	0,289	0,003	0,009	0,127	FALSE
0,191	0,280	0,004	0,010	0,170	FALSE
-0,112	0,289	-0,006	0,013	0,174	FALSE
0,115	0,278	0,002	0,009	0,069	FALSE
0,144	0,263	0,003	0,009	0,119	FALSE
-0,231	0,272	-0,015	0,017	0,412	FALSE
-0,124	0,284	-0,004	0,012	0,118	FALSE
-0,009	0,299	-0,001	0,018	0,012	FALSE
-0,094	0,277	-0,003	0,013	0,089	FALSE
-0,110	0,286	-0,004	0,009	0,163	FALSE
-0,013	0,297	0,000	0,012	0,011	FALSE
0,012	0,284	0,003	0,017	0,060	FALSE
-0,026	0,288	0,000	0,014	0,012	FALSE
0,072	0,283	0,003	0,010	0,121	FALSE
0,006	0,281	-0,002	0,014	0,045	FALSE
0,083	0,272	0,000	0,017	0,008	FALSE
-0,088	0,287	-0,001	0,008	0,051	FALSE
-0,084	0,287	-0,003	0,009	0,159	FALSE
-0,117	0,286	-0,006	0,018	0,133	FALSE
-0,098	0,282	-0,005	0,009	0,212	FALSE
-0,091	0,286	-0,002	0,009	0,061	FALSE
0,077	0,275	0,003	0,017	0,071	FALSE
0,076	0,270	0,002	0,009	0,067	FALSE
-0,161	0,275	-0,004	0,010	0,173	FALSE
-0,028	0,290	-0,001	0,011	0,020	FALSE
-0,049	0,273	-0,003	0,016	0,069	FALSE
-0,017	0,290	0,000	0,009	0,010	FALSE
0,030	0,291	0,000	0,013	0,009	FALSE
0,102	0,275	0,005	0,017	0,120	FALSE
-0,017	0,285	-0,001	0,010	0,049	FALSE
0,029	0,296	0,002	0,015	0,048	FALSE
0,102	0,271	0,004	0,008	0,169	FALSE
-0,093	0,290	-0,006	0,016	0,150	FALSE
-0,080	0,290	-0,002	0,010	0,056	FALSE
-0,068	0,258	-0,002	0,016	0,036	FALSE
-0,081	0,284	-0,002	0,010	0,066	FALSE
0,109	0,278	0,003	0,009	0,138	FALSE
0,086	0,290	0,004	0,012	0,114	FALSE
0,197	0,252	0,007	0,011	0,310	FALSE
0,149	0,294	0,006	0,013	0,207	FALSE
-0,023	0,278	0,000	0,011	0,007	FALSE
0,069	0,290	0,006	0,017	0,141	FALSE
0,039	0,288	0,005	0,018	0,116	FALSE
0,125	0,289	0,003	0,009	0,126	FALSE
0,023	0,283	-0,002	0,017	0,039	FALSE
0,124	0,283	0,005	0,015	0,119	FALSE
-0,054	0,287	-0,004	0,016	0,087	FALSE
-0,081	0,273	-0,001	0,017	0,020	FALSE
-0,179	0,280	-0,007	0,014	0,200	FALSE
0,076	0,290	0,006	0,017	0,127	FALSE
0,056	0,285	0,003	0,013	0,078	FALSE

0,005	0,282	0,001	0,013	0,036	FALSE
0,093	0,273	0,005	0,017	0,112	FALSE
-0,093	0,284	-0,003	0,012	0,093	FALSE
0,046	0,283	0,000	0,010	0,014	FALSE
0,121	0,251	0,004	0,012	0,125	FALSE
-0,138	0,267	-0,005	0,017	0,105	FALSE
0,159	0,265	0,006	0,016	0,155	FALSE
-0,228	0,283	-0,007	0,011	0,286	FALSE
0,068	0,275	0,004	0,014	0,106	FALSE
-0,069	0,283	-0,006	0,016	0,154	FALSE
0,036	0,302	0,002	0,012	0,046	FALSE
-0,018	0,287	-0,001	0,012	0,042	FALSE
0,027	0,284	-0,002	0,016	0,046	FALSE
0,043	0,273	-0,001	0,017	0,020	FALSE
0,138	0,286	0,006	0,012	0,195	FALSE
0,271	0,269	0,008	0,010	0,369	FALSE
0,080	0,288	0,006	0,017	0,150	FALSE
-0,059	0,278	-0,003	0,010	0,115	FALSE
0,059	0,282	0,003	0,012	0,095	FALSE
0,019	0,286	0,001	0,017	0,011	FALSE
-0,047	0,279	0,000	0,017	0,005	FALSE
-0,041	0,269	-0,001	0,009	0,043	FALSE
0,196	0,270	0,009	0,012	0,311	FALSE
0,144	0,276	0,007	0,012	0,243	FALSE
0,154	0,280	0,007	0,012	0,258	FALSE
-0,120	0,282	-0,004	0,009	0,176	FALSE
-0,082	0,291	-0,004	0,014	0,115	FALSE
0,181	0,279	0,011	0,015	0,335	FALSE
-0,015	0,289	0,000	0,016	0,002	FALSE
-0,015	0,300	0,000	0,016	0,004	FALSE
0,192	0,278	0,006	0,010	0,252	FALSE
-0,126	0,296	-0,003	0,010	0,102	FALSE
0,041	0,285	0,002	0,011	0,080	FALSE
-0,104	0,293	-0,003	0,010	0,092	FALSE
0,047	0,272	0,002	0,012	0,048	FALSE
-0,161	0,282	-0,004	0,009	0,207	FALSE
-0,067	0,287	-0,001	0,011	0,016	FALSE
0,178	0,281	0,009	0,015	0,270	FALSE
0,140	0,288	0,004	0,011	0,159	FALSE
-0,016	0,298	0,000	0,010	0,013	FALSE
-0,009	0,302	0,000	0,012	0,007	FALSE
-0,007	0,292	0,000	0,012	0,003	FALSE
-0,109	0,271	-0,005	0,013	0,148	FALSE
-0,044	0,296	-0,003	0,018	0,053	FALSE
-0,100	0,281	-0,004	0,010	0,152	FALSE
0,004	0,293	0,001	0,009	0,042	FALSE
0,072	0,291	0,003	0,015	0,068	FALSE
0,246	0,282	0,007	0,010	0,335	FALSE
0,042	0,300	0,002	0,017	0,054	FALSE
0,064	0,286	0,004	0,011	0,139	FALSE
0,043	0,290	0,004	0,012	0,120	FALSE
-0,089	0,276	-0,008	0,017	0,184	FALSE
-0,094	0,284	-0,007	0,017	0,169	FALSE

-0,106	0,283	-0,009	0,019	0,198	FALSE
0,079	0,295	0,002	0,010	0,067	FALSE
-0,093	0,280	-0,007	0,017	0,179	FALSE
-0,321	0,251	-0,015	0,012	0,684	FALSE
-0,077	0,277	-0,007	0,017	0,162	FALSE
-0,005	0,277	0,001	0,015	0,025	FALSE
0,023	0,258	0,000	0,011	0,003	FALSE
-0,079	0,280	-0,003	0,009	0,117	FALSE
-0,031	0,297	-0,001	0,009	0,031	FALSE
0,043	0,289	0,001	0,012	0,043	FALSE
0,057	0,284	0,003	0,015	0,065	FALSE
-0,013	0,290	-0,004	0,017	0,089	FALSE
0,114	0,295	0,004	0,017	0,089	FALSE
0,085	0,291	0,003	0,017	0,073	FALSE
0,071	0,289	0,002	0,018	0,046	FALSE
0,135	0,288	0,004	0,009	0,203	FALSE
0,062	0,273	0,001	0,017	0,027	FALSE
-0,065	0,283	-0,006	0,017	0,131	FALSE
-0,074	0,270	-0,003	0,014	0,088	FALSE
-0,042	0,271	-0,003	0,014	0,072	FALSE
-0,013	0,293	-0,002	0,014	0,051	FALSE
0,210	0,258	0,005	0,009	0,264	FALSE
-0,205	0,276	-0,009	0,012	0,323	FALSE
-0,028	0,283	0,001	0,017	0,022	FALSE
0,045	0,285	0,004	0,017	0,083	FALSE
-0,045	0,287	-0,001	0,011	0,040	FALSE
0,157	0,262	0,007	0,016	0,179	FALSE
-0,187	0,275	-0,006	0,011	0,231	FALSE
0,047	0,295	0,001	0,010	0,048	FALSE
-0,171	0,277	-0,007	0,015	0,184	FALSE
0,061	0,297	0,004	0,018	0,076	FALSE
-0,036	0,284	-0,001	0,014	0,025	FALSE
0,071	0,271	0,005	0,013	0,170	FALSE
0,109	0,273	0,003	0,011	0,088	FALSE
-0,039	0,302	-0,003	0,018	0,062	FALSE
-0,161	0,278	-0,009	0,018	0,215	FALSE
0,045	0,278	0,003	0,014	0,090	FALSE
0,185	0,293	0,007	0,011	0,293	FALSE
0,078	0,292	0,003	0,015	0,081	FALSE
-0,121	0,295	-0,004	0,012	0,127	FALSE
0,112	0,287	0,008	0,017	0,197	FALSE
0,116	0,286	0,008	0,017	0,185	FALSE
0,024	0,295	0,000	0,010	0,000	FALSE
-0,052	0,293	-0,001	0,011	0,042	FALSE
0,140	0,279	0,008	0,017	0,187	FALSE
0,019	0,282	0,000	0,013	0,008	FALSE
0,014	0,285	0,000	0,010	0,012	FALSE
-0,059	0,292	-0,001	0,010	0,047	FALSE
-0,117	0,293	-0,003	0,012	0,107	FALSE
-0,045	0,284	-0,001	0,009	0,026	FALSE
-0,060	0,278	-0,003	0,009	0,150	FALSE
-0,112	0,288	-0,003	0,012	0,081	FALSE
0,096	0,286	0,004	0,018	0,094	FALSE

0,182	0,267	0,006	0,011	0,239	FALSE
0,156	0,268	0,005	0,010	0,213	FALSE
0,155	0,262	0,005	0,011	0,190	FALSE
0,162	0,271	0,005	0,011	0,212	FALSE
0,217	0,267	0,008	0,011	0,347	FALSE
0,060	0,281	0,003	0,010	0,100	FALSE
0,075	0,290	0,005	0,015	0,123	FALSE
-0,004	0,268	0,000	0,011	0,011	FALSE
-0,135	0,289	-0,004	0,010	0,152	FALSE
0,003	0,281	0,000	0,010	0,007	FALSE
0,004	0,298	0,001	0,011	0,030	FALSE
0,069	0,291	0,004	0,017	0,086	FALSE
-0,157	0,281	-0,007	0,012	0,267	FALSE
-0,229	0,282	-0,010	0,013	0,332	FALSE
-0,243	0,263	-0,010	0,013	0,338	FALSE
0,274	0,282	0,008	0,009	0,433	FALSE
-0,264	0,273	-0,011	0,015	0,363	FALSE
0,271	0,281	0,011	0,013	0,407	FALSE
-0,032	0,286	-0,002	0,017	0,045	FALSE
0,120	0,276	0,005	0,013	0,141	FALSE
0,118	0,279	0,005	0,014	0,145	FALSE
0,122	0,272	0,005	0,014	0,137	FALSE
0,073	0,269	0,002	0,014	0,043	FALSE
0,100	0,276	0,003	0,014	0,088	FALSE
0,109	0,278	0,003	0,014	0,089	FALSE
-0,040	0,280	-0,001	0,010	0,037	FALSE
0,103	0,294	0,005	0,013	0,160	FALSE
-0,125	0,290	-0,006	0,016	0,135	FALSE
0,038	0,291	0,003	0,009	0,121	FALSE
-0,043	0,292	-0,001	0,012	0,040	FALSE
-0,198	0,300	-0,006	0,009	0,277	FALSE
0,167	0,272	0,006	0,011	0,210	FALSE
-0,102	0,282	-0,003	0,012	0,112	FALSE
-0,120	0,286	-0,005	0,012	0,164	FALSE
-0,126	0,282	-0,004	0,009	0,198	FALSE
-0,118	0,293	-0,003	0,009	0,148	FALSE
0,202	0,276	0,011	0,017	0,284	FALSE
0,047	0,270	0,000	0,016	0,005	FALSE
0,006	0,274	0,001	0,010	0,029	FALSE
0,029	0,302	0,001	0,018	0,016	FALSE
0,048	0,289	0,002	0,017	0,048	FALSE
0,053	0,289	0,002	0,018	0,048	FALSE
0,047	0,268	0,002	0,009	0,068	FALSE
-0,052	0,299	-0,003	0,014	0,077	FALSE
-0,054	0,286	-0,002	0,010	0,089	FALSE
-0,039	0,294	-0,001	0,010	0,045	FALSE
0,216	0,265	0,006	0,008	0,318	FALSE
0,028	0,286	0,002	0,010	0,056	FALSE
0,019	0,276	0,003	0,017	0,061	FALSE
-0,081	0,284	-0,003	0,013	0,098	FALSE
0,091	0,287	0,003	0,011	0,096	FALSE
0,104	0,287	0,005	0,011	0,170	FALSE
0,078	0,275	0,003	0,009	0,127	FALSE

0,101	0,277	0,005	0,010	0,203	FALSE
0,030	0,279	0,003	0,017	0,072	FALSE
0,086	0,274	0,004	0,016	0,082	FALSE
0,159	0,284	0,005	0,011	0,183	FALSE
0,134	0,281	0,004	0,012	0,143	FALSE
0,115	0,290	0,003	0,010	0,117	FALSE
0,145	0,268	0,004	0,011	0,153	FALSE
-0,133	0,289	-0,004	0,009	0,163	FALSE
0,034	0,280	0,002	0,013	0,060	FALSE
-0,065	0,297	-0,002	0,016	0,048	FALSE
-0,021	0,279	0,002	0,017	0,032	FALSE
0,092	0,281	0,004	0,009	0,158	FALSE
0,024	0,283	-0,004	0,019	0,077	FALSE
0,179	0,255	0,004	0,008	0,172	FALSE
0,040	0,281	0,003	0,011	0,114	FALSE
-0,025	0,268	-0,002	0,010	0,097	FALSE
0,097	0,283	0,005	0,010	0,198	FALSE
-0,029	0,297	0,001	0,016	0,012	FALSE
0,151	0,284	0,005	0,015	0,140	FALSE
-0,083	0,274	-0,001	0,011	0,047	FALSE
-0,017	0,297	0,001	0,012	0,021	FALSE
0,145	0,296	0,007	0,016	0,176	FALSE
0,109	0,259	0,007	0,016	0,163	FALSE
0,038	0,273	0,002	0,013	0,066	FALSE
0,091	0,264	0,005	0,017	0,120	FALSE
-0,149	0,289	-0,008	0,014	0,241	FALSE
0,005	0,294	0,000	0,013	0,012	FALSE
0,021	0,277	0,000	0,013	0,010	FALSE
0,001	0,278	0,001	0,011	0,027	FALSE
0,059	0,277	0,004	0,014	0,118	FALSE
0,045	0,273	0,000	0,012	0,013	FALSE
0,058	0,268	0,002	0,017	0,044	FALSE
-0,049	0,293	-0,002	0,015	0,045	FALSE
-0,130	0,295	-0,004	0,010	0,176	FALSE
0,063	0,291	0,004	0,017	0,092	FALSE
-0,045	0,296	0,000	0,009	0,017	FALSE
0,038	0,299	0,003	0,018	0,071	FALSE
-0,051	0,287	-0,005	0,017	0,102	FALSE
0,036	0,291	0,003	0,014	0,073	FALSE
0,049	0,292	0,003	0,014	0,079	FALSE
0,169	0,278	0,007	0,016	0,177	FALSE
0,123	0,279	0,004	0,012	0,125	FALSE
0,044	0,284	0,002	0,009	0,094	FALSE
0,074	0,276	0,006	0,016	0,155	FALSE
0,024	0,284	0,002	0,018	0,046	FALSE
0,106	0,277	0,007	0,016	0,193	FALSE
0,106	0,288	0,007	0,016	0,173	FALSE
0,183	0,281	0,005	0,009	0,256	FALSE
0,056	0,291	0,002	0,010	0,057	FALSE
0,080	0,272	0,003	0,010	0,097	FALSE
0,124	0,275	0,003	0,009	0,147	FALSE
-0,001	0,288	0,000	0,017	0,006	FALSE
0,124	0,286	0,005	0,017	0,109	FALSE

0,174	0,260	0,008	0,013	0,269	FALSE
0,187	0,280	0,009	0,017	0,231	FALSE
-0,197	0,277	-0,010	0,015	0,275	FALSE
-0,119	0,277	-0,004	0,009	0,179	FALSE
-0,003	0,283	-0,001	0,011	0,036	FALSE
-0,050	0,280	-0,004	0,013	0,119	FALSE
-0,027	0,274	-0,001	0,011	0,048	FALSE
-0,023	0,285	-0,001	0,015	0,030	FALSE
0,145	0,279	0,004	0,009	0,173	FALSE
0,110	0,276	0,003	0,011	0,099	FALSE
0,201	0,271	0,007	0,009	0,327	FALSE
-0,113	0,281	-0,004	0,012	0,145	FALSE
-0,114	0,281	-0,004	0,012	0,146	FALSE
-0,050	0,292	0,000	0,009	0,003	FALSE
0,178	0,278	0,010	0,017	0,259	FALSE
0,029	0,283	0,001	0,010	0,019	FALSE
0,017	0,277	0,000	0,011	0,003	FALSE
-0,145	0,282	-0,006	0,015	0,152	FALSE
-0,145	0,274	-0,006	0,015	0,158	FALSE
0,054	0,296	0,001	0,010	0,037	FALSE
0,001	0,284	-0,001	0,017	0,023	FALSE
0,150	0,292	0,004	0,011	0,158	FALSE
-0,113	0,273	-0,002	0,013	0,053	FALSE
-0,019	0,294	-0,001	0,018	0,021	FALSE
-0,152	0,278	-0,006	0,011	0,231	FALSE
-0,077	0,270	-0,004	0,009	0,161	FALSE
-0,101	0,295	-0,006	0,017	0,134	FALSE
0,093	0,276	0,004	0,014	0,120	FALSE
-0,007	0,271	-0,001	0,011	0,017	FALSE
-0,260	0,285	-0,008	0,009	0,424	FALSE
0,013	0,269	0,001	0,018	0,016	FALSE
-0,047	0,277	-0,003	0,017	0,063	FALSE
-0,079	0,289	-0,002	0,010	0,064	FALSE
0,104	0,291	0,005	0,013	0,159	FALSE
-0,083	0,268	-0,002	0,010	0,058	FALSE
0,039	0,293	0,001	0,010	0,025	FALSE
-0,254	0,271	-0,009	0,010	0,420	FALSE
-0,022	0,276	0,000	0,010	0,005	FALSE
-0,215	0,271	-0,012	0,017	0,329	FALSE
-0,171	0,285	-0,008	0,014	0,260	FALSE
-0,162	0,291	-0,007	0,014	0,225	FALSE
0,349	0,243	0,016	0,013	0,638	FALSE
-0,165	0,279	-0,008	0,016	0,203	FALSE
-0,190	0,282	-0,009	0,017	0,239	FALSE
-0,179	0,282	-0,009	0,017	0,223	FALSE
-0,146	0,280	-0,007	0,016	0,171	FALSE
-0,189	0,284	-0,011	0,016	0,287	FALSE
0,034	0,290	0,001	0,011	0,032	FALSE
-0,180	0,277	-0,006	0,010	0,262	FALSE
0,066	0,288	0,002	0,011	0,080	FALSE
0,130	0,275	0,004	0,013	0,119	FALSE
0,020	0,278	-0,001	0,008	0,032	FALSE
-0,047	0,289	-0,001	0,016	0,014	FALSE

-0,038	0,285	-0,006	0,018	0,126	FALSE
-0,119	0,273	-0,004	0,014	0,097	FALSE
0,090	0,268	0,002	0,016	0,038	FALSE
0,062	0,280	0,000	0,017	0,002	FALSE
0,009	0,299	0,000	0,015	0,006	FALSE
0,004	0,284	0,000	0,014	0,000	FALSE
0,011	0,284	0,000	0,014	0,000	FALSE
0,201	0,266	0,010	0,018	0,236	FALSE
0,182	0,260	0,009	0,016	0,247	FALSE
0,172	0,266	0,008	0,016	0,224	FALSE
0,365	0,253	0,023	0,018	0,692	TRUE
0,166	0,287	0,007	0,014	0,208	FALSE
-0,112	0,274	-0,003	0,011	0,113	FALSE
-0,111	0,298	-0,004	0,012	0,135	FALSE
0,021	0,295	0,001	0,008	0,024	FALSE
0,143	0,276	0,007	0,013	0,232	FALSE
0,019	0,250	0,000	0,014	0,012	FALSE
0,192	0,269	0,006	0,009	0,266	FALSE
0,096	0,282	0,002	0,010	0,077	FALSE
0,020	0,284	0,003	0,017	0,056	FALSE
-0,010	0,283	0,002	0,016	0,033	FALSE
0,106	0,267	0,003	0,009	0,123	FALSE
-0,042	0,298	0,000	0,018	0,000	FALSE
-0,037	0,291	-0,001	0,018	0,021	FALSE
-0,022	0,290	0,001	0,011	0,035	FALSE
-0,007	0,276	0,001	0,014	0,019	FALSE
-0,008	0,279	-0,002	0,014	0,041	FALSE
-0,054	0,287	-0,003	0,016	0,061	FALSE
-0,021	0,288	0,000	0,011	0,012	FALSE
-0,111	0,279	-0,003	0,009	0,138	FALSE
0,046	0,286	0,001	0,011	0,036	FALSE
-0,073	0,290	-0,003	0,018	0,065	FALSE
0,045	0,288	0,003	0,011	0,116	FALSE
0,165	0,277	0,006	0,010	0,264	FALSE
0,191	0,281	0,007	0,012	0,271	FALSE
-0,001	0,279	0,000	0,013	0,003	FALSE
-0,010	0,293	0,001	0,015	0,014	FALSE
-0,070	0,278	-0,001	0,011	0,048	FALSE
-0,013	0,267	-0,002	0,010	0,083	FALSE
0,018	0,274	0,005	0,017	0,125	FALSE
-0,012	0,291	-0,001	0,013	0,037	FALSE
0,081	0,274	0,009	0,018	0,224	FALSE
0,203	0,280	0,012	0,015	0,368	FALSE
0,206	0,274	0,007	0,012	0,227	FALSE
0,190	0,269	0,010	0,015	0,273	FALSE
0,220	0,280	0,011	0,016	0,312	FALSE
0,190	0,268	0,010	0,015	0,289	FALSE
-0,212	0,283	-0,008	0,013	0,277	FALSE
0,065	0,285	0,000	0,011	0,012	FALSE
-0,051	0,291	-0,001	0,010	0,043	FALSE
-0,029	0,292	0,001	0,017	0,022	FALSE
-0,073	0,297	-0,001	0,009	0,020	FALSE
0,177	0,275	0,010	0,016	0,268	FALSE

-0,271	0,260	-0,015	0,015	0,472	FALSE
0,028	0,300	0,000	0,013	0,006	FALSE
-0,003	0,294	0,001	0,009	0,059	FALSE
-0,017	0,273	0,000	0,011	0,007	FALSE
-0,066	0,292	-0,004	0,012	0,137	FALSE
0,029	0,268	0,002	0,011	0,054	FALSE
-0,185	0,280	-0,006	0,010	0,261	FALSE
0,225	0,292	0,007	0,009	0,365	FALSE
0,242	0,273	0,007	0,009	0,393	FALSE
-0,095	0,288	-0,003	0,016	0,080	FALSE
-0,082	0,286	-0,003	0,016	0,067	FALSE
0,086	0,279	0,005	0,016	0,112	FALSE
-0,103	0,276	-0,003	0,016	0,084	FALSE
-0,032	0,285	-0,002	0,013	0,043	FALSE
-0,096	0,277	-0,003	0,016	0,085	FALSE
-0,110	0,289	-0,004	0,016	0,098	FALSE
-0,069	0,284	-0,003	0,015	0,070	FALSE
-0,134	0,266	-0,007	0,015	0,194	FALSE
0,134	0,271	0,004	0,011	0,126	FALSE
0,128	0,278	0,004	0,012	0,129	FALSE
0,082	0,270	0,003	0,011	0,085	FALSE
0,009	0,286	0,000	0,011	0,008	FALSE
-0,109	0,286	-0,007	0,017	0,177	FALSE
0,144	0,280	0,010	0,016	0,272	FALSE
-0,011	0,282	0,000	0,009	0,008	FALSE
-0,006	0,292	-0,002	0,012	0,050	FALSE
-0,118	0,293	-0,003	0,010	0,108	FALSE
0,163	0,278	0,005	0,010	0,229	FALSE
0,090	0,288	0,007	0,015	0,176	FALSE
0,043	0,291	0,004	0,018	0,095	FALSE
0,022	0,281	0,003	0,017	0,063	FALSE
0,011	0,280	0,001	0,011	0,036	FALSE
-0,095	0,277	-0,006	0,015	0,159	FALSE
0,111	0,276	0,006	0,014	0,187	FALSE
-0,029	0,292	-0,003	0,017	0,056	FALSE
0,065	0,275	0,001	0,011	0,035	FALSE
-0,130	0,283	-0,003	0,010	0,129	FALSE
-0,100	0,280	-0,002	0,010	0,084	FALSE
-0,058	0,280	-0,004	0,010	0,148	FALSE
-0,156	0,295	-0,007	0,011	0,266	FALSE
-0,021	0,281	-0,001	0,012	0,040	FALSE
-0,117	0,269	-0,007	0,013	0,229	FALSE
0,062	0,278	0,002	0,010	0,059	FALSE
-0,002	0,286	0,001	0,012	0,016	FALSE
-0,156	0,275	-0,006	0,010	0,258	FALSE
-0,015	0,288	0,001	0,012	0,026	FALSE
-0,027	0,281	0,000	0,017	0,008	FALSE
0,092	0,283	0,004	0,009	0,177	FALSE
-0,121	0,281	-0,006	0,013	0,193	FALSE
-0,268	0,262	-0,011	0,013	0,406	FALSE
-0,262	0,261	-0,010	0,013	0,377	FALSE
-0,229	0,276	-0,009	0,013	0,334	FALSE
0,041	0,279	0,001	0,009	0,039	FALSE

-0,063	0,263	-0,004	0,015	0,112	FALSE
-0,039	0,280	-0,004	0,017	0,084	FALSE
-0,027	0,288	-0,003	0,018	0,063	FALSE
-0,036	0,281	-0,004	0,011	0,142	FALSE
0,044	0,257	0,000	0,010	0,001	FALSE
-0,114	0,291	-0,006	0,014	0,181	FALSE
-0,066	0,275	-0,002	0,010	0,091	FALSE
0,042	0,302	0,001	0,014	0,035	FALSE
-0,029	0,284	-0,005	0,015	0,127	FALSE
-0,018	0,270	-0,002	0,009	0,090	FALSE
0,053	0,289	0,000	0,015	0,005	FALSE
-0,012	0,293	-0,003	0,013	0,089	FALSE
-0,215	0,279	-0,012	0,017	0,305	FALSE
0,035	0,288	0,001	0,014	0,028	FALSE
-0,115	0,286	-0,005	0,009	0,237	FALSE
-0,295	0,265	-0,017	0,017	0,498	FALSE
-0,049	0,277	-0,002	0,017	0,041	FALSE
-0,065	0,298	-0,002	0,011	0,067	FALSE
0,088	0,304	0,007	0,018	0,151	FALSE
0,094	0,274	0,004	0,010	0,137	FALSE
-0,192	0,288	-0,010	0,016	0,249	FALSE
0,146	0,266	0,006	0,015	0,152	FALSE
0,035	0,282	0,003	0,016	0,073	FALSE
-0,022	0,286	-0,001	0,014	0,022	FALSE
-0,199	0,277	-0,007	0,010	0,313	FALSE
-0,164	0,286	-0,005	0,008	0,253	FALSE
-0,168	0,266	-0,005	0,012	0,169	FALSE
0,064	0,278	0,004	0,017	0,096	FALSE
0,229	0,284	0,010	0,013	0,351	FALSE
0,030	0,290	0,001	0,017	0,024	FALSE
0,044	0,282	0,001	0,008	0,027	FALSE
-0,211	0,280	-0,007	0,010	0,295	FALSE
-0,044	0,293	-0,003	0,016	0,058	FALSE
-0,017	0,292	-0,001	0,011	0,029	FALSE
-0,007	0,289	0,001	0,018	0,015	FALSE
0,036	0,288	0,002	0,010	0,068	FALSE
-0,054	0,279	-0,003	0,015	0,079	FALSE
0,053	0,295	0,003	0,012	0,105	FALSE
-0,059	0,294	-0,002	0,011	0,077	FALSE
-0,028	0,272	0,000	0,016	0,006	FALSE
-0,094	0,275	-0,003	0,009	0,115	FALSE
0,155	0,270	0,007	0,015	0,192	FALSE
-0,105	0,288	-0,003	0,010	0,120	FALSE
-0,079	0,280	-0,002	0,010	0,065	FALSE
-0,127	0,285	-0,006	0,013	0,209	FALSE
0,123	0,282	0,003	0,009	0,151	FALSE
-0,003	0,284	0,001	0,010	0,018	FALSE
-0,064	0,287	-0,003	0,011	0,107	FALSE
-0,076	0,293	-0,003	0,011	0,095	FALSE
-0,108	0,288	-0,004	0,010	0,137	FALSE
-0,017	0,289	-0,002	0,016	0,052	FALSE
-0,020	0,300	0,000	0,010	0,013	FALSE
0,015	0,281	0,000	0,017	0,003	FALSE

-0,057	0,286	-0,004	0,011	0,147	FALSE
0,051	0,289	0,001	0,015	0,033	FALSE
-0,051	0,285	0,000	0,011	0,013	FALSE
-0,063	0,273	-0,003	0,009	0,121	FALSE
-0,129	0,281	-0,007	0,017	0,162	FALSE
0,108	0,288	0,002	0,010	0,076	FALSE
0,049	0,266	0,003	0,011	0,102	FALSE
0,076	0,285	0,003	0,017	0,070	FALSE
-0,200	0,269	-0,013	0,017	0,370	FALSE
0,057	0,274	0,003	0,014	0,089	FALSE
0,031	0,269	0,003	0,015	0,078	FALSE
0,048	0,276	0,002	0,013	0,052	FALSE
0,128	0,287	0,004	0,011	0,157	FALSE
-0,105	0,287	-0,006	0,013	0,199	FALSE
-0,057	0,295	-0,002	0,013	0,046	FALSE
0,062	0,286	0,001	0,011	0,049	FALSE
0,108	0,288	0,004	0,009	0,174	FALSE
-0,096	0,290	-0,005	0,011	0,196	FALSE
0,082	0,290	0,003	0,009	0,129	FALSE
0,109	0,268	0,004	0,009	0,174	FALSE
-0,018	0,272	0,000	0,010	0,016	FALSE
0,164	0,252	0,005	0,011	0,184	FALSE
-0,009	0,294	-0,001	0,018	0,021	FALSE
0,151	0,287	0,006	0,010	0,269	FALSE
-0,121	0,270	-0,006	0,014	0,166	FALSE
-0,041	0,279	-0,004	0,017	0,095	FALSE
-0,210	0,279	-0,009	0,014	0,294	FALSE
-0,207	0,275	-0,009	0,013	0,316	FALSE
-0,201	0,276	-0,009	0,014	0,275	FALSE
0,105	0,279	0,005	0,013	0,165	FALSE
-0,089	0,291	-0,003	0,010	0,134	FALSE
0,123	0,288	0,006	0,011	0,214	FALSE
-0,095	0,278	-0,005	0,013	0,142	FALSE
0,053	0,280	0,002	0,010	0,097	FALSE
-0,144	0,279	-0,006	0,013	0,178	FALSE
-0,183	0,278	-0,006	0,012	0,223	FALSE
0,089	0,289	0,004	0,010	0,166	FALSE
-0,113	0,282	-0,005	0,013	0,168	FALSE
-0,142	0,290	-0,006	0,013	0,195	FALSE
-0,070	0,290	-0,003	0,013	0,080	FALSE
-0,076	0,282	-0,004	0,014	0,111	FALSE
-0,128	0,288	-0,005	0,012	0,176	FALSE
-0,081	0,286	-0,004	0,014	0,103	FALSE
-0,044	0,281	-0,002	0,012	0,069	FALSE
-0,008	0,289	-0,001	0,010	0,025	FALSE
0,005	0,283	-0,001	0,011	0,020	FALSE
0,037	0,285	0,001	0,009	0,042	FALSE
-0,030	0,284	-0,002	0,015	0,057	FALSE
0,010	0,284	0,000	0,012	0,005	FALSE
0,028	0,291	0,002	0,016	0,048	FALSE
0,021	0,282	0,000	0,010	0,015	FALSE
0,058	0,293	0,004	0,014	0,113	FALSE
-0,035	0,276	-0,002	0,013	0,048	FALSE

0,018	0,277	-0,001	0,009	0,029	FALSE
0,216	0,280	0,009	0,017	0,230	FALSE
-0,048	0,281	0,000	0,011	0,016	FALSE
-0,032	0,282	-0,002	0,017	0,050	FALSE
-0,085	0,287	-0,007	0,018	0,159	FALSE
-0,101	0,286	-0,003	0,009	0,122	FALSE
-0,113	0,287	-0,002	0,009	0,088	FALSE
-0,082	0,305	-0,002	0,009	0,067	FALSE
0,046	0,278	0,003	0,012	0,080	FALSE
0,080	0,263	0,000	0,015	0,001	FALSE
0,029	0,282	0,002	0,012	0,060	FALSE
-0,109	0,295	-0,004	0,014	0,124	FALSE
-0,075	0,296	-0,003	0,014	0,082	FALSE
-0,108	0,265	-0,007	0,014	0,203	FALSE
-0,122	0,284	-0,004	0,013	0,129	FALSE
-0,101	0,276	-0,006	0,014	0,195	FALSE
-0,092	0,278	-0,006	0,014	0,173	FALSE
-0,073	0,275	-0,005	0,014	0,137	FALSE
-0,131	0,296	-0,004	0,013	0,113	FALSE
0,112	0,279	0,005	0,010	0,235	FALSE
-0,207	0,273	-0,006	0,011	0,225	FALSE
0,051	0,289	0,002	0,012	0,070	FALSE
-0,064	0,257	-0,003	0,017	0,074	FALSE
-0,097	0,279	-0,002	0,009	0,099	FALSE
-0,015	0,289	-0,002	0,011	0,060	FALSE
-0,047	0,288	-0,002	0,011	0,082	FALSE
0,196	0,283	0,010	0,013	0,353	FALSE
0,130	0,276	0,008	0,014	0,241	FALSE
0,121	0,282	0,005	0,014	0,144	FALSE
0,144	0,275	0,006	0,013	0,190	FALSE
-0,038	0,285	-0,001	0,012	0,028	FALSE
-0,205	0,281	-0,006	0,008	0,314	FALSE
0,035	0,284	-0,002	0,017	0,041	FALSE
0,245	0,279	0,010	0,012	0,411	FALSE
0,113	0,291	0,005	0,009	0,217	FALSE
-0,193	0,278	-0,010	0,014	0,332	FALSE
0,127	0,279	0,005	0,013	0,138	FALSE
-0,055	0,288	-0,003	0,011	0,117	FALSE
-0,107	0,292	-0,006	0,012	0,201	FALSE
-0,063	0,297	-0,003	0,011	0,120	FALSE
0,139	0,282	0,003	0,011	0,104	FALSE
-0,091	0,295	-0,004	0,011	0,154	FALSE
0,043	0,282	0,001	0,011	0,031	FALSE
0,044	0,286	0,001	0,010	0,041	FALSE
0,033	0,294	0,002	0,016	0,044	FALSE
0,043	0,284	0,002	0,017	0,053	FALSE
0,108	0,287	0,005	0,013	0,179	FALSE
-0,163	0,283	-0,011	0,017	0,279	FALSE
0,077	0,281	0,005	0,016	0,117	FALSE
0,076	0,279	0,005	0,016	0,128	FALSE
-0,208	0,276	-0,011	0,016	0,297	FALSE
0,018	0,272	0,000	0,009	0,016	FALSE
0,062	0,271	0,002	0,011	0,058	FALSE

-0,108	0,290	-0,007	0,016	0,165	FALSE
0,148	0,269	0,004	0,010	0,162	FALSE
-0,094	0,282	-0,001	0,008	0,059	FALSE
0,100	0,297	0,009	0,018	0,198	FALSE
0,104	0,285	0,009	0,017	0,226	FALSE
0,110	0,288	0,003	0,010	0,113	FALSE
-0,074	0,283	-0,002	0,009	0,078	FALSE
0,036	0,253	0,001	0,017	0,028	FALSE
-0,110	0,289	-0,003	0,009	0,117	FALSE
-0,100	0,294	-0,003	0,010	0,103	FALSE
0,031	0,294	0,002	0,009	0,062	FALSE
-0,050	0,282	0,000	0,010	0,004	FALSE
0,315	0,256	0,019	0,017	0,555	FALSE
-0,183	0,266	-0,005	0,010	0,212	FALSE
-0,090	0,277	-0,002	0,010	0,083	FALSE
-0,066	0,290	-0,001	0,010	0,043	FALSE
-0,100	0,296	-0,003	0,011	0,090	FALSE
-0,080	0,296	-0,005	0,017	0,121	FALSE
-0,165	0,286	-0,012	0,018	0,303	FALSE
-0,016	0,289	-0,001	0,012	0,026	FALSE
-0,070	0,281	-0,008	0,018	0,172	FALSE
-0,036	0,296	-0,002	0,011	0,073	FALSE
-0,079	0,278	-0,003	0,017	0,069	FALSE
-0,001	0,280	0,001	0,012	0,022	FALSE
-0,106	0,288	-0,004	0,017	0,092	FALSE
-0,098	0,292	-0,003	0,016	0,075	FALSE
-0,064	0,285	-0,001	0,018	0,024	FALSE
-0,116	0,283	-0,004	0,011	0,141	FALSE
0,052	0,288	0,001	0,009	0,032	FALSE
0,142	0,277	0,005	0,010	0,214	FALSE
-0,040	0,279	-0,002	0,017	0,045	FALSE
-0,061	0,275	-0,003	0,014	0,077	FALSE
0,036	0,284	0,002	0,010	0,058	FALSE
0,050	0,280	0,003	0,013	0,072	FALSE
-0,041	0,292	-0,005	0,017	0,122	FALSE
0,003	0,277	0,002	0,017	0,034	FALSE
0,184	0,263	0,005	0,010	0,185	FALSE
-0,020	0,282	0,001	0,010	0,035	FALSE
0,125	0,276	0,002	0,010	0,093	FALSE
-0,168	0,290	-0,008	0,014	0,267	FALSE
-0,188	0,285	-0,008	0,013	0,286	FALSE
-0,118	0,288	-0,005	0,011	0,169	FALSE
0,111	0,284	0,006	0,017	0,141	FALSE
-0,098	0,273	-0,002	0,011	0,085	FALSE
0,023	0,293	-0,001	0,018	0,016	FALSE
-0,114	0,304	-0,003	0,015	0,069	FALSE
-0,249	0,288	-0,008	0,012	0,331	FALSE
0,041	0,286	0,002	0,010	0,074	FALSE
0,194	0,286	0,010	0,018	0,237	FALSE
0,108	0,273	0,003	0,010	0,124	FALSE
0,040	0,288	0,001	0,017	0,011	FALSE
0,049	0,291	0,003	0,010	0,107	FALSE
-0,090	0,288	-0,003	0,012	0,090	FALSE

0,092	0,291	0,002	0,012	0,068	FALSE
-0,015	0,274	0,001	0,011	0,037	FALSE
-0,091	0,289	-0,002	0,015	0,045	FALSE
0,012	0,274	0,000	0,011	0,002	FALSE
-0,067	0,284	-0,001	0,015	0,026	FALSE
-0,058	0,281	-0,001	0,015	0,019	FALSE
-0,112	0,283	-0,003	0,013	0,103	FALSE
0,049	0,293	0,001	0,014	0,035	FALSE
-0,109	0,297	-0,003	0,010	0,142	FALSE
0,036	0,298	0,003	0,009	0,110	FALSE
0,083	0,287	0,004	0,009	0,205	FALSE
0,139	0,271	0,003	0,017	0,075	FALSE
0,016	0,272	0,000	0,012	0,005	FALSE
-0,030	0,280	0,002	0,013	0,068	FALSE
0,010	0,292	0,001	0,016	0,022	FALSE
0,291	0,269	0,016	0,016	0,469	FALSE
0,040	0,292	0,002	0,010	0,080	FALSE
-0,078	0,289	-0,002	0,009	0,077	FALSE
-0,014	0,294	-0,001	0,010	0,051	FALSE
0,060	0,291	0,004	0,017	0,082	FALSE
0,111	0,274	0,004	0,012	0,140	FALSE
0,024	0,275	0,001	0,009	0,041	FALSE
0,078	0,284	0,004	0,016	0,090	FALSE
-0,025	0,276	-0,001	0,013	0,027	FALSE
-0,200	0,285	-0,005	0,009	0,262	FALSE
0,006	0,275	-0,001	0,011	0,044	FALSE
-0,156	0,283	-0,006	0,013	0,217	FALSE
0,027	0,274	0,000	0,016	0,011	FALSE
-0,051	0,281	-0,002	0,011	0,077	FALSE
0,056	0,293	0,002	0,013	0,050	FALSE
0,054	0,297	0,006	0,018	0,119	FALSE
0,046	0,299	0,003	0,010	0,097	FALSE
0,036	0,300	0,000	0,016	0,005	FALSE
0,184	0,277	0,006	0,010	0,237	FALSE
-0,096	0,292	-0,003	0,017	0,071	FALSE
-0,121	0,271	-0,003	0,012	0,097	FALSE
-0,091	0,270	-0,005	0,014	0,149	FALSE
-0,123	0,282	-0,003	0,009	0,152	FALSE
0,092	0,284	0,002	0,009	0,100	FALSE
0,015	0,293	0,001	0,011	0,035	FALSE
0,119	0,284	0,005	0,017	0,103	FALSE
0,082	0,282	0,006	0,015	0,157	FALSE
0,088	0,281	0,004	0,013	0,134	FALSE
-0,107	0,271	-0,005	0,017	0,123	FALSE
0,099	0,275	0,004	0,017	0,077	FALSE
0,007	0,298	0,001	0,012	0,029	FALSE
0,098	0,279	0,005	0,014	0,141	FALSE
0,081	0,293	0,005	0,015	0,125	FALSE
0,166	0,289	0,009	0,017	0,224	FALSE
0,118	0,281	0,007	0,017	0,158	FALSE
0,077	0,289	0,002	0,014	0,054	FALSE
0,065	0,275	0,002	0,010	0,058	FALSE
-0,021	0,274	-0,001	0,010	0,042	FALSE

-0,066	0,283	-0,002	0,016	0,055	FALSE
-0,065	0,300	-0,005	0,012	0,154	FALSE
-0,038	0,279	-0,002	0,014	0,060	FALSE
0,065	0,277	0,002	0,013	0,042	FALSE
-0,020	0,287	-0,001	0,017	0,027	FALSE
0,055	0,286	0,003	0,016	0,078	FALSE
0,141	0,275	0,005	0,010	0,205	FALSE
0,123	0,277	0,004	0,008	0,225	FALSE
0,266	0,260	0,008	0,012	0,276	FALSE
0,192	0,275	0,010	0,017	0,254	FALSE
0,049	0,301	0,002	0,013	0,067	FALSE
0,101	0,260	0,006	0,015	0,157	FALSE
-0,191	0,272	-0,007	0,014	0,201	FALSE
0,093	0,277	0,002	0,010	0,068	FALSE
-0,083	0,278	-0,002	0,012	0,056	FALSE
0,027	0,292	0,001	0,015	0,027	FALSE
0,067	0,277	0,001	0,010	0,040	FALSE
-0,180	0,259	-0,007	0,016	0,175	FALSE
-0,031	0,276	-0,001	0,009	0,046	FALSE
-0,042	0,282	0,000	0,010	0,013	FALSE
-0,005	0,287	-0,002	0,014	0,045	FALSE
0,006	0,280	-0,002	0,013	0,051	FALSE
0,159	0,265	0,009	0,017	0,229	FALSE
-0,211	0,276	-0,011	0,018	0,282	FALSE
-0,042	0,283	-0,002	0,011	0,067	FALSE
0,093	0,258	0,004	0,016	0,096	FALSE
0,079	0,286	0,004	0,012	0,128	FALSE
-0,008	0,289	-0,002	0,017	0,045	FALSE
-0,026	0,276	-0,005	0,014	0,142	FALSE
-0,020	0,276	-0,004	0,014	0,122	FALSE
-0,068	0,290	-0,005	0,018	0,110	FALSE
-0,143	0,267	-0,005	0,010	0,203	FALSE
-0,029	0,288	-0,002	0,009	0,076	FALSE
-0,038	0,287	-0,002	0,017	0,051	FALSE
-0,056	0,290	-0,003	0,012	0,090	FALSE
0,173	0,276	0,006	0,012	0,185	FALSE
0,167	0,273	0,006	0,012	0,203	FALSE
0,076	0,280	0,004	0,016	0,091	FALSE
-0,061	0,281	-0,002	0,010	0,060	FALSE
0,002	0,285	-0,002	0,018	0,046	FALSE
0,014	0,282	0,000	0,014	0,011	FALSE
-0,069	0,278	-0,002	0,011	0,063	FALSE
0,074	0,277	0,002	0,008	0,109	FALSE
0,050	0,282	0,002	0,017	0,034	FALSE
-0,072	0,288	-0,003	0,017	0,070	FALSE
-0,118	0,271	-0,009	0,017	0,219	FALSE
-0,156	0,287	-0,004	0,010	0,178	FALSE
-0,071	0,283	-0,001	0,014	0,026	FALSE
0,000	0,298	0,001	0,016	0,028	FALSE
-0,282	0,285	-0,013	0,017	0,370	FALSE
-0,057	0,270	-0,003	0,017	0,065	FALSE
-0,235	0,269	-0,008	0,012	0,310	FALSE
0,322	0,264	0,009	0,009	0,477	FALSE

0,019	0,290	0,001	0,018	0,016	FALSE
0,339	0,250	0,009	0,008	0,563	FALSE
-0,181	0,291	-0,006	0,012	0,201	FALSE
-0,013	0,281	-0,002	0,010	0,082	FALSE
-0,017	0,295	0,000	0,016	0,004	FALSE
0,210	0,270	0,007	0,013	0,219	FALSE
0,193	0,274	0,007	0,012	0,255	FALSE
-0,182	0,270	-0,007	0,013	0,211	FALSE
0,024	0,273	-0,001	0,009	0,020	FALSE
-0,164	0,273	-0,006	0,012	0,218	FALSE
0,132	0,284	0,005	0,014	0,148	FALSE
0,041	0,299	0,002	0,009	0,069	FALSE
0,095	0,283	0,002	0,012	0,080	FALSE
0,115	0,295	0,003	0,012	0,105	FALSE
-0,183	0,263	-0,009	0,017	0,216	FALSE
-0,198	0,279	-0,009	0,014	0,295	FALSE
-0,066	0,276	0,000	0,013	0,006	FALSE
0,064	0,286	0,005	0,016	0,130	FALSE
0,033	0,281	0,002	0,015	0,048	FALSE
0,026	0,285	0,002	0,012	0,046	FALSE
-0,141	0,279	-0,004	0,011	0,160	FALSE
0,062	0,296	0,001	0,010	0,030	FALSE
0,136	0,277	0,004	0,011	0,165	FALSE
0,019	0,280	0,000	0,014	0,006	FALSE
0,071	0,277	0,000	0,013	0,009	FALSE
-0,030	0,280	-0,001	0,010	0,019	FALSE
0,148	0,273	0,009	0,016	0,228	FALSE
0,009	0,290	0,001	0,011	0,036	FALSE
-0,109	0,281	-0,003	0,010	0,130	FALSE
-0,084	0,273	-0,002	0,010	0,089	FALSE
-0,081	0,288	-0,002	0,010	0,065	FALSE
0,207	0,261	0,007	0,012	0,238	FALSE
-0,075	0,294	-0,003	0,015	0,082	FALSE
-0,145	0,284	-0,004	0,009	0,175	FALSE
0,022	0,279	0,000	0,011	0,014	FALSE
-0,052	0,299	-0,003	0,018	0,057	FALSE
-0,005	0,289	0,001	0,009	0,031	FALSE
-0,193	0,282	-0,006	0,012	0,218	FALSE
-0,030	0,299	-0,001	0,017	0,023	FALSE
-0,051	0,292	-0,002	0,016	0,053	FALSE
-0,124	0,284	-0,006	0,013	0,179	FALSE
-0,109	0,289	-0,009	0,017	0,232	FALSE
0,130	0,282	0,004	0,017	0,093	FALSE
0,188	0,287	0,008	0,018	0,186	FALSE
-0,101	0,287	-0,004	0,017	0,087	FALSE
0,027	0,276	0,002	0,010	0,063	FALSE
-0,163	0,293	-0,010	0,017	0,253	FALSE
-0,126	0,286	-0,008	0,016	0,197	FALSE
-0,026	0,275	-0,003	0,016	0,065	FALSE
-0,229	0,280	-0,009	0,010	0,425	FALSE
-0,241	0,276	-0,009	0,010	0,451	FALSE
0,104	0,294	0,005	0,017	0,105	FALSE
-0,219	0,274	-0,009	0,012	0,341	FALSE

0,030	0,290	0,002	0,016	0,043	FALSE
0,055	0,299	0,003	0,017	0,068	FALSE
0,186	0,273	0,012	0,015	0,371	FALSE
0,147	0,276	0,006	0,011	0,238	FALSE
-0,085	0,265	-0,004	0,016	0,093	FALSE
-0,007	0,284	0,001	0,011	0,032	FALSE
-0,177	0,265	-0,011	0,016	0,321	FALSE
-0,122	0,294	-0,005	0,014	0,151	FALSE
-0,079	0,273	-0,006	0,016	0,142	FALSE
0,057	0,285	0,005	0,017	0,104	FALSE
0,016	0,293	0,001	0,012	0,035	FALSE
0,092	0,283	0,002	0,009	0,094	FALSE
0,035	0,294	0,001	0,009	0,021	FALSE
-0,006	0,287	0,001	0,015	0,017	FALSE
0,020	0,275	0,001	0,011	0,025	FALSE
-0,081	0,289	-0,002	0,012	0,072	FALSE
0,032	0,293	0,003	0,015	0,070	FALSE
0,027	0,289	0,002	0,014	0,055	FALSE
0,193	0,261	0,006	0,016	0,148	FALSE
-0,053	0,291	-0,001	0,010	0,028	FALSE
-0,092	0,274	-0,003	0,012	0,086	FALSE
-0,140	0,289	-0,007	0,015	0,201	FALSE
0,070	0,293	0,003	0,009	0,143	FALSE
-0,086	0,268	-0,002	0,015	0,057	FALSE
-0,058	0,272	-0,001	0,012	0,025	FALSE
0,046	0,283	0,002	0,010	0,076	FALSE
-0,008	0,285	0,000	0,015	0,007	FALSE
0,016	0,305	-0,002	0,019	0,031	FALSE
0,067	0,291	0,002	0,011	0,052	FALSE
-0,292	0,265	-0,011	0,012	0,459	FALSE
0,004	0,281	-0,002	0,014	0,063	FALSE
0,003	0,290	-0,004	0,016	0,108	FALSE
0,004	0,280	-0,005	0,016	0,120	FALSE
-0,039	0,289	-0,001	0,009	0,020	FALSE
0,136	0,261	0,005	0,016	0,129	FALSE
-0,028	0,270	-0,002	0,014	0,042	FALSE
-0,229	0,269	-0,012	0,016	0,331	FALSE
-0,211	0,267	-0,007	0,013	0,247	FALSE
-0,101	0,280	-0,001	0,009	0,034	FALSE
-0,177	0,280	-0,006	0,013	0,214	FALSE
-0,067	0,283	-0,003	0,017	0,066	FALSE
0,134	0,276	0,004	0,008	0,205	FALSE
-0,237	0,269	-0,011	0,016	0,309	FALSE
-0,073	0,278	-0,002	0,017	0,039	FALSE
-0,018	0,286	0,001	0,011	0,036	FALSE
-0,041	0,305	-0,002	0,012	0,075	FALSE
-0,087	0,280	-0,006	0,016	0,152	FALSE
-0,049	0,269	-0,003	0,010	0,108	FALSE
0,008	0,290	-0,001	0,014	0,022	FALSE
-0,044	0,298	-0,002	0,011	0,070	FALSE
0,108	0,298	0,006	0,012	0,206	FALSE
-0,113	0,290	-0,004	0,011	0,134	FALSE
-0,098	0,284	-0,003	0,010	0,093	FALSE

-0,207	0,284	-0,013	0,017	0,359	FALSE
0,156	0,280	0,009	0,017	0,232	FALSE
-0,113	0,285	-0,004	0,009	0,177	FALSE
-0,082	0,298	-0,002	0,014	0,046	FALSE
-0,044	0,282	-0,001	0,009	0,026	FALSE
-0,143	0,281	-0,007	0,015	0,210	FALSE
0,068	0,270	0,003	0,014	0,078	FALSE
-0,012	0,289	-0,001	0,011	0,044	FALSE
-0,020	0,279	-0,002	0,011	0,054	FALSE
0,117	0,274	0,002	0,013	0,065	FALSE
0,113	0,287	0,008	0,018	0,170	FALSE
0,069	0,287	0,001	0,012	0,037	FALSE
0,016	0,279	-0,001	0,014	0,028	FALSE
-0,122	0,294	-0,005	0,010	0,192	FALSE
-0,064	0,290	-0,002	0,010	0,063	FALSE
-0,068	0,286	-0,004	0,014	0,118	FALSE
-0,172	0,287	-0,006	0,011	0,246	FALSE
-0,111	0,286	-0,008	0,015	0,207	FALSE
-0,153	0,287	-0,003	0,009	0,110	FALSE
0,019	0,291	0,000	0,017	0,003	FALSE
0,022	0,290	0,001	0,013	0,027	FALSE
0,091	0,291	0,004	0,010	0,147	FALSE
-0,022	0,277	0,000	0,013	0,002	FALSE
0,089	0,271	0,003	0,013	0,079	FALSE
0,000	0,287	-0,001	0,013	0,014	FALSE
-0,090	0,280	-0,003	0,009	0,106	FALSE
0,085	0,270	0,002	0,010	0,080	FALSE
0,023	0,292	0,001	0,012	0,042	FALSE
-0,069	0,308	-0,004	0,016	0,099	FALSE
0,253	0,266	0,010	0,011	0,432	FALSE
-0,086	0,275	-0,002	0,014	0,040	FALSE
0,061	0,280	0,001	0,013	0,022	FALSE
0,103	0,290	0,003	0,017	0,065	FALSE
-0,041	0,294	-0,002	0,016	0,052	FALSE
0,068	0,283	0,003	0,013	0,089	FALSE
0,031	0,278	0,000	0,016	0,003	FALSE
-0,092	0,276	-0,004	0,010	0,146	FALSE
0,020	0,274	0,001	0,014	0,019	FALSE
-0,067	0,273	-0,002	0,013	0,059	FALSE
-0,072	0,287	-0,003	0,012	0,087	FALSE
0,159	0,283	0,008	0,015	0,223	FALSE
-0,149	0,296	-0,005	0,009	0,213	FALSE
-0,184	0,288	-0,006	0,010	0,275	FALSE
-0,017	0,286	0,000	0,017	0,001	FALSE
0,008	0,277	-0,002	0,017	0,047	FALSE
0,095	0,269	0,004	0,010	0,142	FALSE
0,042	0,283	0,000	0,016	0,001	FALSE
-0,043	0,287	0,001	0,010	0,019	FALSE
-0,067	0,288	-0,006	0,014	0,160	FALSE
-0,134	0,284	-0,006	0,013	0,217	FALSE
0,101	0,287	0,005	0,012	0,186	FALSE
-0,088	0,276	-0,004	0,012	0,150	FALSE
-0,156	0,275	-0,009	0,016	0,221	FALSE

0,103	0,271	0,002	0,010	0,078	FALSE
-0,084	0,281	-0,002	0,010	0,076	FALSE
0,131	0,292	0,010	0,017	0,237	FALSE
-0,058	0,275	-0,002	0,016	0,046	FALSE
-0,040	0,302	0,000	0,009	0,019	FALSE
-0,088	0,274	-0,002	0,013	0,056	FALSE
0,071	0,274	0,002	0,010	0,057	FALSE
-0,070	0,285	-0,006	0,016	0,156	FALSE
-0,068	0,294	-0,002	0,009	0,068	FALSE
-0,048	0,295	0,000	0,010	0,016	FALSE
0,001	0,287	0,001	0,015	0,034	FALSE
0,012	0,284	0,002	0,011	0,076	FALSE
-0,044	0,270	-0,002	0,017	0,042	FALSE
0,021	0,295	0,002	0,010	0,091	FALSE
0,037	0,257	0,000	0,017	0,004	FALSE
0,086	0,277	0,005	0,016	0,117	FALSE
-0,139	0,285	-0,003	0,010	0,106	FALSE
-0,140	0,278	-0,005	0,013	0,159	FALSE
-0,082	0,288	-0,004	0,012	0,121	FALSE
-0,004	0,262	-0,003	0,018	0,060	FALSE
-0,216	0,280	-0,009	0,011	0,384	FALSE
-0,219	0,268	-0,011	0,015	0,313	FALSE
0,025	0,278	0,002	0,012	0,048	FALSE
-0,142	0,288	-0,005	0,013	0,151	FALSE
-0,087	0,279	-0,003	0,009	0,145	FALSE
-0,158	0,290	-0,005	0,012	0,171	FALSE
0,016	0,275	-0,001	0,015	0,028	FALSE
0,013	0,286	0,000	0,012	0,010	FALSE
0,068	0,273	0,005	0,013	0,140	FALSE
-0,023	0,288	0,000	0,011	0,000	FALSE
0,086	0,275	0,008	0,017	0,188	FALSE
0,116	0,288	0,004	0,011	0,150	FALSE
0,004	0,296	0,000	0,017	0,001	FALSE
-0,006	0,280	0,000	0,011	0,015	FALSE
0,081	0,278	0,004	0,011	0,153	FALSE
-0,103	0,283	-0,004	0,012	0,122	FALSE
0,124	0,267	0,004	0,009	0,182	FALSE
0,121	0,267	0,004	0,009	0,167	FALSE
0,116	0,257	0,004	0,009	0,166	FALSE
0,117	0,268	0,003	0,012	0,079	FALSE
-0,194	0,277	-0,008	0,012	0,310	FALSE
-0,117	0,272	-0,005	0,012	0,185	FALSE
-0,112	0,274	-0,006	0,017	0,145	FALSE
0,079	0,290	0,002	0,011	0,081	FALSE
-0,158	0,290	-0,005	0,009	0,227	FALSE
0,198	0,271	0,008	0,013	0,283	FALSE
0,084	0,286	0,003	0,010	0,120	FALSE
-0,090	0,294	-0,005	0,015	0,125	FALSE
0,006	0,288	-0,001	0,016	0,023	FALSE
0,247	0,275	0,012	0,013	0,434	FALSE
0,008	0,272	0,001	0,009	0,046	FALSE
-0,058	0,294	-0,004	0,017	0,079	FALSE
0,104	0,284	0,006	0,013	0,176	FALSE

0,053	0,293	0,005	0,014	0,132	FALSE
-0,108	0,275	-0,005	0,010	0,203	FALSE
0,010	0,280	-0,001	0,014	0,017	FALSE
0,306	0,254	0,017	0,017	0,521	FALSE
-0,076	0,279	-0,006	0,017	0,126	FALSE
0,092	0,292	0,002	0,012	0,052	FALSE
0,055	0,268	0,001	0,009	0,035	FALSE
-0,175	0,286	-0,004	0,008	0,202	FALSE
0,277	0,285	0,010	0,010	0,522	FALSE
0,035	0,292	0,000	0,011	0,004	FALSE
0,053	0,279	0,001	0,011	0,033	FALSE
-0,006	0,271	0,001	0,016	0,018	FALSE
-0,129	0,288	-0,004	0,012	0,132	FALSE
0,000	0,279	0,000	0,011	0,008	FALSE
-0,065	0,283	-0,006	0,017	0,135	FALSE
0,024	0,287	0,002	0,013	0,071	FALSE
-0,073	0,299	-0,002	0,011	0,055	FALSE
0,086	0,286	0,005	0,015	0,129	FALSE
-0,096	0,275	-0,006	0,015	0,151	FALSE
0,220	0,276	0,010	0,014	0,332	FALSE
0,210	0,277	0,011	0,014	0,342	FALSE
0,024	0,273	0,003	0,016	0,058	FALSE
-0,010	0,284	-0,001	0,017	0,029	FALSE
0,091	0,274	0,003	0,013	0,072	FALSE
-0,034	0,292	-0,002	0,010	0,070	FALSE
-0,056	0,283	-0,003	0,017	0,075	FALSE
0,133	0,280	0,004	0,012	0,142	FALSE
0,150	0,270	0,006	0,017	0,141	FALSE
-0,032	0,276	-0,001	0,017	0,017	FALSE
-0,062	0,294	-0,002	0,009	0,090	FALSE
0,069	0,279	0,001	0,008	0,066	FALSE
0,112	0,278	0,008	0,017	0,198	FALSE
-0,049	0,281	-0,004	0,018	0,081	FALSE
0,027	0,299	0,000	0,012	0,008	FALSE
-0,010	0,260	-0,002	0,017	0,049	FALSE
-0,009	0,279	0,000	0,012	0,005	FALSE
-0,174	0,282	-0,009	0,017	0,226	FALSE
0,013	0,280	-0,001	0,009	0,026	FALSE
-0,159	0,280	-0,003	0,010	0,112	FALSE
-0,139	0,287	-0,004	0,011	0,134	FALSE
0,019	0,284	0,000	0,013	0,005	FALSE
0,142	0,282	0,006	0,012	0,219	FALSE
0,009	0,272	0,001	0,014	0,032	FALSE
0,047	0,296	0,002	0,011	0,082	FALSE
-0,055	0,279	-0,002	0,009	0,063	FALSE
-0,115	0,272	-0,006	0,011	0,228	FALSE
-0,194	0,250	-0,009	0,012	0,346	FALSE
0,010	0,295	0,003	0,015	0,069	FALSE
0,089	0,287	0,003	0,010	0,116	FALSE
-0,031	0,281	-0,002	0,012	0,056	FALSE
0,076	0,287	0,005	0,012	0,162	FALSE
0,118	0,294	0,007	0,016	0,175	FALSE
0,096	0,289	0,002	0,010	0,080	FALSE

0,023	0,283	0,001	0,012	0,023	FALSE
0,132	0,298	0,004	0,011	0,172	FALSE
0,001	0,289	-0,002	0,016	0,036	FALSE
0,002	0,294	0,000	0,013	0,008	FALSE
-0,078	0,297	-0,005	0,014	0,141	FALSE
-0,084	0,275	-0,005	0,011	0,185	FALSE
-0,084	0,284	-0,001	0,016	0,030	FALSE
-0,007	0,279	0,004	0,016	0,099	FALSE
0,007	0,284	-0,002	0,017	0,044	FALSE
0,053	0,281	0,002	0,009	0,092	FALSE
0,033	0,291	0,001	0,017	0,021	FALSE
-0,031	0,276	-0,002	0,017	0,034	FALSE
0,037	0,286	0,003	0,016	0,077	FALSE
0,068	0,277	0,002	0,011	0,056	FALSE
-0,002	0,298	-0,001	0,015	0,027	FALSE
-0,057	0,284	-0,004	0,014	0,101	FALSE
-0,031	0,290	0,000	0,010	0,015	FALSE
-0,034	0,275	-0,001	0,012	0,039	FALSE
-0,026	0,288	0,000	0,009	0,011	FALSE
-0,005	0,272	0,000	0,014	0,006	FALSE
0,065	0,286	0,001	0,014	0,037	FALSE
0,114	0,273	0,006	0,017	0,139	FALSE
-0,104	0,281	-0,002	0,009	0,088	FALSE
-0,133	0,282	-0,006	0,013	0,213	FALSE
-0,008	0,282	-0,001	0,018	0,011	FALSE
0,026	0,284	0,001	0,017	0,018	FALSE
-0,119	0,294	-0,006	0,017	0,146	FALSE
-0,060	0,284	-0,002	0,012	0,066	FALSE
0,057	0,290	0,001	0,009	0,032	FALSE
0,161	0,278	0,006	0,013	0,180	FALSE
0,066	0,281	0,002	0,017	0,052	FALSE
0,010	0,281	0,001	0,014	0,030	FALSE
-0,053	0,282	-0,002	0,011	0,081	FALSE
-0,008	0,286	-0,002	0,017	0,032	FALSE
-0,164	0,286	-0,005	0,009	0,235	FALSE
0,198	0,280	0,011	0,016	0,314	FALSE
0,010	0,288	0,000	0,013	0,011	FALSE
0,184	0,282	0,007	0,011	0,289	FALSE
0,122	0,281	0,008	0,016	0,211	FALSE
0,113	0,293	0,004	0,013	0,132	FALSE
-0,080	0,283	-0,006	0,017	0,133	FALSE
-0,161	0,281	-0,009	0,018	0,209	FALSE
0,049	0,303	0,005	0,017	0,113	FALSE
0,036	0,276	0,004	0,017	0,090	FALSE
-0,269	0,267	-0,012	0,014	0,401	TRUE
0,142	0,277	0,004	0,009	0,181	FALSE
-0,114	0,282	-0,004	0,011	0,121	FALSE
0,043	0,278	0,000	0,010	0,004	FALSE
-0,078	0,269	-0,003	0,014	0,086	FALSE
-0,128	0,286	-0,003	0,010	0,136	FALSE
0,152	0,282	0,005	0,012	0,175	FALSE
-0,099	0,280	-0,004	0,011	0,157	FALSE
0,112	0,275	0,004	0,009	0,185	FALSE

0,154	0,301	0,010	0,016	0,253	FALSE
-0,108	0,268	-0,004	0,010	0,159	FALSE
-0,114	0,292	-0,005	0,011	0,186	FALSE
0,041	0,274	0,000	0,010	0,011	FALSE
0,007	0,284	0,000	0,017	0,003	FALSE
0,128	0,276	0,005	0,017	0,123	FALSE
-0,029	0,275	-0,001	0,017	0,016	FALSE
0,120	0,280	0,002	0,009	0,092	FALSE
0,013	0,286	-0,003	0,016	0,063	FALSE
0,177	0,275	0,004	0,008	0,224	FALSE
0,191	0,280	0,006	0,010	0,241	FALSE
0,036	0,283	0,000	0,013	0,010	FALSE
-0,060	0,270	-0,004	0,010	0,179	FALSE
0,094	0,274	0,004	0,014	0,105	FALSE
0,107	0,289	0,004	0,014	0,104	FALSE
-0,006	0,279	-0,003	0,012	0,085	FALSE
0,080	0,272	0,006	0,013	0,178	FALSE
0,118	0,281	0,005	0,015	0,150	FALSE
-0,075	0,288	-0,002	0,014	0,067	FALSE
0,063	0,293	0,002	0,018	0,047	FALSE
0,116	0,298	0,004	0,013	0,108	FALSE
-0,020	0,265	-0,002	0,015	0,056	FALSE
0,051	0,289	0,002	0,016	0,039	FALSE
-0,117	0,297	-0,003	0,010	0,101	FALSE
-0,104	0,295	-0,004	0,011	0,137	FALSE
-0,102	0,289	-0,003	0,012	0,111	FALSE
0,002	0,284	0,000	0,009	0,004	FALSE
-0,090	0,288	-0,002	0,009	0,065	FALSE
0,111	0,282	0,002	0,010	0,074	FALSE
0,051	0,284	0,001	0,013	0,034	FALSE
0,038	0,303	0,001	0,017	0,030	FALSE
0,191	0,263	0,005	0,011	0,182	FALSE
0,098	0,279	0,003	0,009	0,120	FALSE
-0,096	0,272	-0,005	0,013	0,155	FALSE
0,183	0,282	0,006	0,009	0,272	FALSE
-0,044	0,295	-0,002	0,016	0,033	FALSE
-0,146	0,280	-0,003	0,008	0,136	FALSE
0,092	0,290	0,004	0,017	0,097	FALSE
-0,063	0,285	-0,002	0,011	0,059	FALSE
-0,044	0,279	-0,002	0,008	0,079	FALSE
0,015	0,283	0,002	0,017	0,037	FALSE
-0,197	0,275	-0,008	0,016	0,225	FALSE
0,089	0,283	0,002	0,015	0,040	FALSE
-0,147	0,294	-0,004	0,009	0,215	FALSE
0,043	0,290	0,003	0,016	0,065	FALSE
-0,041	0,280	-0,001	0,009	0,059	FALSE
0,013	0,270	0,001	0,016	0,015	FALSE
-0,004	0,283	0,001	0,008	0,035	FALSE
0,065	0,269	0,002	0,011	0,076	FALSE
0,024	0,275	0,002	0,011	0,080	FALSE
0,063	0,300	0,002	0,010	0,084	FALSE
-0,017	0,287	0,000	0,009	0,010	FALSE
0,015	0,292	0,001	0,012	0,027	FALSE

-0,106	0,280	-0,005	0,012	0,165	FALSE
0,018	0,275	0,001	0,009	0,045	FALSE
0,227	0,285	0,010	0,013	0,323	FALSE
-0,113	0,285	-0,003	0,012	0,108	FALSE
0,182	0,271	0,006	0,011	0,227	FALSE
-0,023	0,276	-0,001	0,014	0,039	FALSE
-0,003	0,281	-0,001	0,013	0,027	FALSE
-0,103	0,279	-0,005	0,010	0,227	FALSE
0,209	0,269	0,012	0,015	0,359	FALSE
-0,156	0,273	-0,008	0,016	0,208	FALSE
-0,069	0,292	-0,003	0,012	0,086	FALSE
-0,162	0,257	-0,010	0,014	0,304	FALSE
-0,015	0,287	-0,001	0,015	0,014	FALSE
-0,013	0,285	-0,001	0,011	0,021	FALSE
0,104	0,288	0,005	0,012	0,155	FALSE
0,028	0,285	0,001	0,010	0,032	FALSE
-0,066	0,285	-0,003	0,018	0,068	FALSE
-0,219	0,277	-0,009	0,015	0,258	FALSE
-0,156	0,286	-0,011	0,018	0,264	FALSE
-0,008	0,290	0,000	0,010	0,006	FALSE
0,257	0,266	0,010	0,011	0,444	FALSE
0,011	0,279	0,001	0,016	0,029	FALSE
0,005	0,268	-0,001	0,011	0,047	FALSE
-0,017	0,290	-0,001	0,015	0,012	FALSE
0,066	0,292	0,004	0,012	0,140	FALSE
0,051	0,288	0,004	0,013	0,119	FALSE
-0,054	0,299	-0,003	0,012	0,084	FALSE
0,183	0,282	0,008	0,015	0,218	FALSE
0,144	0,286	0,005	0,012	0,188	FALSE
0,012	0,288	0,000	0,016	0,007	FALSE
-0,118	0,289	-0,008	0,015	0,210	FALSE
0,230	0,279	0,012	0,017	0,326	FALSE
0,013	0,283	-0,002	0,017	0,034	FALSE
0,196	0,286	0,008	0,014	0,255	FALSE
-0,026	0,289	-0,002	0,014	0,048	FALSE
-0,034	0,288	0,000	0,009	0,014	FALSE
-0,062	0,277	-0,004	0,016	0,097	FALSE
-0,102	0,260	-0,004	0,011	0,152	FALSE
-0,198	0,267	-0,012	0,016	0,331	FALSE
0,066	0,273	0,002	0,014	0,039	FALSE
-0,065	0,300	-0,003	0,017	0,067	FALSE
0,079	0,297	0,004	0,013	0,131	FALSE
-0,055	0,288	-0,001	0,016	0,012	FALSE
0,011	0,278	0,004	0,017	0,093	FALSE
0,101	0,288	0,004	0,011	0,167	FALSE
0,032	0,279	0,004	0,016	0,088	FALSE
0,184	0,277	0,007	0,013	0,232	FALSE
-0,089	0,279	-0,005	0,018	0,110	FALSE
-0,024	0,288	-0,001	0,011	0,029	FALSE
0,209	0,271	0,005	0,008	0,268	FALSE
0,191	0,298	0,009	0,015	0,275	FALSE
-0,198	0,269	-0,012	0,016	0,346	FALSE
0,211	0,279	0,006	0,011	0,213	FALSE

0,107	0,283	0,006	0,015	0,166	FALSE
-0,038	0,289	-0,001	0,010	0,027	FALSE
-0,086	0,278	-0,002	0,010	0,082	FALSE
-0,095	0,279	-0,002	0,009	0,093	FALSE
-0,021	0,286	0,001	0,013	0,032	FALSE
0,072	0,279	0,000	0,015	0,002	FALSE
0,084	0,286	0,007	0,017	0,172	FALSE
-0,016	0,299	0,001	0,011	0,029	FALSE
0,116	0,289	0,004	0,011	0,148	FALSE
0,114	0,290	0,004	0,013	0,133	FALSE
-0,016	0,262	-0,001	0,014	0,039	FALSE
0,029	0,266	0,002	0,010	0,082	FALSE
-0,208	0,259	-0,012	0,015	0,390	FALSE
0,064	0,281	0,003	0,009	0,136	FALSE
-0,112	0,288	-0,005	0,013	0,161	FALSE
0,123	0,282	0,004	0,018	0,084	FALSE
-0,119	0,280	-0,004	0,017	0,078	FALSE
-0,034	0,290	0,000	0,009	0,001	FALSE
0,048	0,287	0,004	0,014	0,099	FALSE
-0,047	0,293	-0,003	0,014	0,070	FALSE
0,095	0,299	0,004	0,017	0,081	FALSE
-0,032	0,290	-0,002	0,009	0,081	FALSE
0,155	0,285	0,007	0,017	0,177	FALSE
-0,113	0,294	-0,006	0,018	0,121	FALSE
0,095	0,275	0,004	0,014	0,117	FALSE
0,140	0,283	0,005	0,011	0,173	FALSE
-0,120	0,277	-0,006	0,012	0,218	FALSE
-0,227	0,286	-0,010	0,016	0,280	FALSE
0,025	0,293	0,001	0,009	0,052	FALSE
-0,069	0,272	-0,002	0,009	0,084	FALSE
-0,066	0,279	0,000	0,012	0,011	FALSE
0,165	0,276	0,007	0,013	0,231	FALSE
0,069	0,283	0,002	0,008	0,088	FALSE
-0,108	0,284	-0,005	0,017	0,119	FALSE
-0,032	0,280	-0,002	0,010	0,076	FALSE
-0,122	0,281	-0,003	0,010	0,124	FALSE
-0,018	0,285	0,000	0,009	0,007	FALSE
0,148	0,283	0,005	0,009	0,214	FALSE
-0,073	0,277	-0,002	0,012	0,078	FALSE
0,052	0,280	0,003	0,013	0,072	FALSE
-0,109	0,286	-0,003	0,011	0,122	FALSE
0,073	0,277	0,003	0,013	0,073	FALSE
0,122	0,238	0,008	0,015	0,221	FALSE
-0,072	0,274	-0,001	0,016	0,031	FALSE
0,001	0,283	-0,001	0,013	0,022	FALSE
0,108	0,272	0,004	0,012	0,147	FALSE
0,047	0,276	0,001	0,017	0,025	FALSE
-0,201	0,273	-0,012	0,016	0,329	FALSE
0,106	0,293	0,005	0,013	0,154	FALSE
-0,196	0,285	-0,005	0,009	0,221	FALSE
-0,179	0,285	-0,004	0,010	0,187	FALSE
-0,018	0,280	-0,001	0,016	0,032	FALSE
-0,009	0,300	0,000	0,012	0,004	FALSE

-0,080	0,287	-0,005	0,016	0,131	FALSE
0,074	0,278	0,003	0,011	0,119	FALSE
-0,114	0,271	-0,008	0,016	0,202	FALSE
0,039	0,283	0,002	0,016	0,038	FALSE
-0,061	0,269	-0,004	0,014	0,118	FALSE
0,118	0,268	0,003	0,011	0,104	FALSE
0,104	0,280	0,006	0,014	0,169	FALSE
0,064	0,281	0,001	0,010	0,041	FALSE
-0,157	0,269	-0,007	0,017	0,172	FALSE
0,054	0,277	0,003	0,010	0,128	FALSE
0,012	0,290	0,001	0,010	0,021	FALSE
0,283	0,268	0,016	0,017	0,457	FALSE
0,143	0,255	0,009	0,014	0,277	FALSE
0,155	0,274	0,009	0,015	0,265	FALSE
-0,023	0,285	-0,001	0,014	0,018	FALSE
-0,051	0,287	-0,005	0,016	0,125	FALSE
0,016	0,281	-0,001	0,014	0,036	FALSE
-0,003	0,294	-0,003	0,018	0,061	FALSE
0,017	0,276	-0,002	0,013	0,044	FALSE
-0,231	0,279	-0,007	0,009	0,374	FALSE
-0,049	0,290	-0,002	0,010	0,060	FALSE
-0,048	0,284	-0,003	0,016	0,080	FALSE
-0,002	0,271	-0,002	0,011	0,051	FALSE
-0,032	0,292	-0,003	0,014	0,069	FALSE
0,136	0,287	0,006	0,012	0,229	FALSE
-0,052	0,274	-0,003	0,012	0,095	FALSE
0,189	0,262	0,006	0,010	0,274	FALSE
0,147	0,257	0,007	0,015	0,190	FALSE
-0,113	0,275	-0,004	0,013	0,121	FALSE
-0,012	0,300	-0,001	0,015	0,032	FALSE
-0,197	0,265	-0,006	0,011	0,248	FALSE
0,027	0,288	0,001	0,011	0,041	FALSE
0,092	0,290	0,004	0,018	0,091	FALSE
0,175	0,273	0,010	0,015	0,296	FALSE
-0,192	0,261	-0,014	0,017	0,382	FALSE
-0,016	0,272	-0,001	0,012	0,039	FALSE
-0,087	0,285	-0,005	0,014	0,157	FALSE
0,216	0,258	0,005	0,009	0,225	FALSE
0,019	0,278	0,001	0,012	0,042	FALSE
0,196	0,285	0,006	0,009	0,283	FALSE
0,017	0,284	0,000	0,015	0,010	FALSE
-0,077	0,295	-0,004	0,014	0,128	FALSE
-0,104	0,285	-0,006	0,017	0,135	FALSE
-0,170	0,276	-0,007	0,011	0,301	FALSE
-0,271	0,260	-0,015	0,014	0,528	FALSE
-0,120	0,280	-0,006	0,012	0,219	FALSE
-0,095	0,272	-0,003	0,009	0,122	FALSE
0,044	0,274	-0,001	0,009	0,032	FALSE
0,043	0,280	0,003	0,010	0,108	FALSE
0,133	0,292	0,007	0,016	0,190	FALSE
0,111	0,277	0,002	0,009	0,097	FALSE
0,196	0,279	0,007	0,012	0,245	FALSE
-0,052	0,283	-0,003	0,017	0,075	FALSE

-0,017	0,287	0,000	0,016	0,001	FALSE
0,082	0,279	0,002	0,009	0,099	FALSE
-0,112	0,299	-0,005	0,014	0,142	FALSE
-0,070	0,297	-0,001	0,009	0,023	FALSE
-0,156	0,298	-0,005	0,010	0,192	FALSE
-0,166	0,279	-0,005	0,010	0,221	FALSE
0,049	0,278	0,001	0,016	0,025	FALSE
-0,201	0,282	-0,006	0,009	0,295	FALSE
0,062	0,282	0,002	0,014	0,055	FALSE
-0,031	0,304	-0,003	0,017	0,058	FALSE
0,056	0,292	0,002	0,009	0,076	FALSE
-0,032	0,290	-0,004	0,017	0,078	FALSE
-0,050	0,280	-0,001	0,013	0,013	FALSE
0,137	0,282	0,004	0,009	0,161	FALSE
-0,156	0,273	-0,006	0,009	0,284	FALSE
-0,041	0,284	0,000	0,014	0,010	FALSE
0,012	0,293	0,000	0,011	0,014	FALSE
0,061	0,289	0,003	0,009	0,108	FALSE
0,181	0,282	0,005	0,010	0,214	FALSE
-0,029	0,282	-0,002	0,016	0,046	FALSE
0,014	0,269	-0,001	0,017	0,010	FALSE
0,009	0,273	-0,001	0,018	0,014	FALSE
-0,110	0,286	-0,006	0,017	0,135	FALSE
-0,072	0,286	-0,004	0,016	0,095	FALSE
0,075	0,283	0,003	0,015	0,070	FALSE
0,009	0,287	0,002	0,014	0,046	FALSE
-0,165	0,286	-0,008	0,016	0,210	FALSE
-0,188	0,280	-0,009	0,015	0,274	FALSE
-0,043	0,298	-0,001	0,009	0,038	FALSE
-0,207	0,282	-0,012	0,017	0,324	FALSE
-0,106	0,291	-0,005	0,013	0,139	FALSE
0,103	0,286	0,004	0,010	0,173	FALSE
0,092	0,270	0,003	0,012	0,081	FALSE
-0,036	0,280	-0,001	0,015	0,018	FALSE
-0,127	0,299	-0,005	0,013	0,145	FALSE
-0,077	0,287	-0,001	0,009	0,038	FALSE
-0,263	0,276	-0,017	0,017	0,509	FALSE
0,045	0,278	0,000	0,015	0,002	FALSE
-0,125	0,288	-0,005	0,011	0,188	FALSE
0,007	0,293	0,000	0,009	0,001	FALSE
0,094	0,276	0,003	0,013	0,089	FALSE
-0,007	0,292	-0,001	0,015	0,032	FALSE
0,122	0,274	0,005	0,013	0,141	FALSE
0,010	0,291	0,000	0,010	0,015	FALSE
0,071	0,277	0,001	0,009	0,029	FALSE
-0,052	0,277	-0,001	0,013	0,023	FALSE
-0,068	0,295	-0,003	0,013	0,088	FALSE
-0,049	0,293	-0,001	0,011	0,033	FALSE
0,021	0,290	-0,002	0,017	0,033	FALSE
0,026	0,274	0,003	0,014	0,073	FALSE
0,167	0,294	0,007	0,017	0,169	FALSE
0,002	0,296	0,002	0,014	0,047	FALSE
0,004	0,288	0,001	0,010	0,041	FALSE

0,077	0,290	0,003	0,009	0,139	FALSE
0,006	0,287	0,000	0,011	0,014	FALSE
-0,205	0,280	-0,008	0,014	0,267	FALSE
-0,057	0,283	-0,001	0,012	0,040	FALSE
-0,025	0,298	0,000	0,010	0,010	FALSE
0,234	0,268	0,008	0,010	0,368	FALSE
0,053	0,290	0,002	0,009	0,068	FALSE
-0,073	0,289	-0,001	0,009	0,060	FALSE
-0,062	0,286	-0,002	0,011	0,081	FALSE
0,140	0,262	0,004	0,010	0,170	FALSE
-0,048	0,276	0,000	0,012	0,010	FALSE
0,005	0,285	0,000	0,012	0,011	FALSE
0,071	0,304	0,001	0,018	0,010	FALSE
0,133	0,301	0,006	0,014	0,158	FALSE
-0,121	0,294	-0,004	0,016	0,108	FALSE
-0,046	0,294	-0,001	0,010	0,052	FALSE
0,044	0,290	0,004	0,016	0,095	FALSE
-0,177	0,276	-0,009	0,014	0,289	FALSE
-0,069	0,274	-0,004	0,014	0,115	FALSE
-0,163	0,271	-0,007	0,017	0,174	FALSE
-0,170	0,274	-0,008	0,017	0,193	FALSE
-0,036	0,289	-0,002	0,012	0,066	FALSE
0,101	0,279	0,007	0,018	0,152	FALSE
0,014	0,285	0,002	0,018	0,031	FALSE
-0,053	0,300	-0,001	0,011	0,051	FALSE
-0,074	0,288	-0,002	0,008	0,092	FALSE
0,013	0,281	0,000	0,009	0,018	FALSE
0,053	0,262	0,004	0,014	0,107	FALSE
0,006	0,277	0,002	0,017	0,048	FALSE
0,053	0,284	0,006	0,016	0,141	FALSE
0,063	0,288	0,003	0,011	0,098	FALSE
-0,168	0,287	-0,005	0,009	0,237	FALSE
0,195	0,270	0,007	0,014	0,219	FALSE
-0,081	0,290	-0,001	0,009	0,046	FALSE
0,029	0,286	0,002	0,010	0,077	FALSE
0,134	0,293	0,008	0,014	0,227	FALSE
0,108	0,277	0,003	0,014	0,086	FALSE
-0,145	0,273	-0,007	0,012	0,274	FALSE
-0,083	0,287	-0,007	0,016	0,166	FALSE
-0,204	0,275	-0,007	0,012	0,257	FALSE
-0,089	0,281	-0,003	0,013	0,107	FALSE
0,024	0,275	0,000	0,011	0,004	FALSE
-0,099	0,263	-0,005	0,015	0,121	FALSE
-0,026	0,301	-0,001	0,017	0,028	FALSE
-0,129	0,274	-0,005	0,013	0,173	FALSE
-0,062	0,281	-0,002	0,009	0,084	FALSE
-0,001	0,289	-0,003	0,017	0,071	FALSE
-0,029	0,286	-0,004	0,016	0,094	FALSE
-0,210	0,295	-0,012	0,016	0,337	FALSE
0,038	0,274	0,001	0,013	0,029	FALSE
-0,185	0,283	-0,013	0,016	0,370	FALSE
0,063	0,273	0,002	0,009	0,094	FALSE
0,240	0,271	0,010	0,011	0,438	FALSE

-0,121	0,270	-0,002	0,013	0,065	FALSE
0,123	0,276	0,003	0,009	0,142	FALSE
0,026	0,279	0,002	0,016	0,034	FALSE
0,081	0,289	0,005	0,017	0,124	FALSE
0,098	0,287	0,005	0,015	0,116	FALSE
-0,110	0,276	-0,007	0,015	0,182	FALSE
0,077	0,295	0,005	0,014	0,148	FALSE
-0,163	0,279	-0,011	0,016	0,298	FALSE
0,039	0,278	0,002	0,011	0,084	FALSE
0,045	0,279	0,001	0,011	0,028	FALSE
0,143	0,287	0,007	0,018	0,148	FALSE
-0,072	0,294	-0,004	0,011	0,149	FALSE
-0,087	0,286	-0,004	0,014	0,095	FALSE
-0,107	0,278	-0,004	0,014	0,122	FALSE
-0,243	0,273	-0,014	0,017	0,378	FALSE
-0,160	0,287	-0,007	0,014	0,214	FALSE
0,021	0,289	0,000	0,018	0,007	FALSE
-0,023	0,290	-0,002	0,018	0,041	FALSE
0,005	0,290	-0,001	0,018	0,022	FALSE
0,028	0,286	0,000	0,009	0,015	FALSE
0,258	0,272	0,013	0,015	0,385	FALSE
0,082	0,285	0,003	0,010	0,108	FALSE
0,119	0,277	0,004	0,009	0,174	FALSE
0,153	0,268	0,005	0,010	0,190	FALSE
-0,099	0,288	-0,002	0,010	0,069	FALSE
0,077	0,287	0,003	0,009	0,107	FALSE
-0,274	0,272	-0,014	0,016	0,415	FALSE
-0,003	0,281	-0,002	0,011	0,069	FALSE
0,095	0,291	0,004	0,012	0,122	FALSE
0,141	0,278	0,002	0,010	0,094	FALSE
0,024	0,289	0,001	0,017	0,013	FALSE
-0,104	0,279	-0,002	0,009	0,091	FALSE
0,073	0,286	0,005	0,015	0,144	FALSE
-0,039	0,287	0,001	0,009	0,033	FALSE
-0,063	0,286	-0,001	0,009	0,021	FALSE
-0,040	0,277	0,000	0,009	0,004	FALSE
-0,044	0,285	0,000	0,009	0,005	FALSE
0,010	0,285	0,002	0,017	0,047	FALSE
-0,011	0,294	0,001	0,012	0,016	FALSE
-0,041	0,291	-0,001	0,012	0,031	FALSE
-0,036	0,275	0,000	0,012	0,015	FALSE
-0,049	0,280	-0,002	0,011	0,068	FALSE
-0,025	0,291	0,000	0,012	0,011	FALSE
-0,093	0,269	-0,003	0,010	0,121	FALSE
-0,109	0,274	-0,006	0,011	0,223	FALSE
0,143	0,285	0,003	0,013	0,102	FALSE
-0,120	0,287	-0,002	0,010	0,088	FALSE
0,168	0,266	0,003	0,009	0,146	FALSE
0,153	0,271	0,007	0,014	0,223	FALSE
0,044	0,286	0,004	0,011	0,130	FALSE
-0,122	0,268	-0,007	0,012	0,247	FALSE
-0,037	0,281	-0,003	0,016	0,074	FALSE
-0,028	0,286	-0,002	0,010	0,079	FALSE

0,032	0,278	-0,002	0,016	0,049	FALSE
0,035	0,272	-0,002	0,016	0,058	FALSE
-0,105	0,261	-0,009	0,014	0,271	FALSE
0,071	0,268	0,003	0,011	0,112	FALSE
0,044	0,289	0,002	0,008	0,072	FALSE
0,046	0,272	0,000	0,009	0,004	FALSE
0,113	0,282	0,004	0,015	0,117	FALSE
0,079	0,283	0,005	0,013	0,152	FALSE
-0,111	0,276	-0,004	0,010	0,135	FALSE
-0,013	0,276	0,000	0,010	0,000	FALSE
-0,038	0,285	0,000	0,009	0,006	FALSE
0,127	0,290	0,008	0,014	0,248	FALSE
-0,142	0,277	-0,003	0,010	0,102	FALSE
-0,020	0,290	-0,004	0,014	0,097	FALSE
0,077	0,296	0,003	0,017	0,063	FALSE
0,168	0,279	0,009	0,015	0,283	FALSE
0,052	0,309	0,002	0,016	0,044	FALSE
0,023	0,277	0,000	0,013	0,009	FALSE
0,032	0,282	0,002	0,017	0,052	FALSE
-0,084	0,275	-0,007	0,017	0,172	FALSE
-0,133	0,287	-0,007	0,014	0,234	FALSE
-0,147	0,303	-0,008	0,015	0,238	FALSE
-0,145	0,290	-0,006	0,012	0,203	FALSE
-0,130	0,274	-0,007	0,013	0,238	FALSE
-0,152	0,278	-0,010	0,015	0,291	FALSE
0,089	0,288	0,004	0,010	0,164	FALSE
-0,134	0,275	-0,008	0,014	0,255	FALSE
-0,203	0,280	-0,013	0,016	0,361	FALSE
-0,009	0,281	-0,001	0,010	0,044	FALSE
-0,056	0,269	-0,004	0,013	0,139	FALSE
-0,078	0,298	-0,001	0,010	0,049	FALSE
0,025	0,279	0,002	0,017	0,053	FALSE
0,099	0,283	0,004	0,012	0,139	FALSE
0,088	0,282	0,005	0,017	0,120	FALSE
0,105	0,261	0,009	0,016	0,227	FALSE
-0,033	0,277	-0,001	0,011	0,031	FALSE
0,081	0,269	0,006	0,014	0,163	FALSE
-0,049	0,276	-0,003	0,013	0,080	FALSE
-0,043	0,288	-0,002	0,010	0,063	FALSE
-0,019	0,297	-0,001	0,017	0,018	FALSE
-0,176	0,279	-0,006	0,009	0,301	FALSE
-0,054	0,300	-0,001	0,009	0,038	FALSE
-0,158	0,284	-0,011	0,016	0,293	FALSE
-0,004	0,285	0,000	0,009	0,009	FALSE
-0,012	0,290	0,000	0,009	0,002	FALSE
0,205	0,277	0,010	0,018	0,229	FALSE
-0,189	0,271	-0,009	0,015	0,273	FALSE
-0,182	0,294	-0,009	0,016	0,263	FALSE
-0,136	0,271	-0,005	0,008	0,257	FALSE
0,070	0,285	0,003	0,016	0,085	FALSE
-0,058	0,283	-0,005	0,017	0,116	FALSE
0,064	0,290	0,003	0,015	0,080	FALSE
0,054	0,279	0,003	0,017	0,070	FALSE

-0,044	0,285	-0,004	0,018	0,089	FALSE
-0,057	0,278	-0,005	0,017	0,114	FALSE
0,081	0,292	0,004	0,015	0,096	FALSE
-0,028	0,277	-0,003	0,017	0,069	FALSE
0,126	0,277	0,008	0,018	0,172	FALSE
0,105	0,264	0,006	0,010	0,267	FALSE
-0,195	0,279	-0,006	0,010	0,270	FALSE
0,188	0,283	0,004	0,010	0,151	FALSE
0,066	0,289	0,005	0,012	0,167	FALSE
0,238	0,261	0,012	0,015	0,370	FALSE
0,238	0,269	0,011	0,016	0,332	FALSE
0,217	0,279	0,010	0,017	0,275	FALSE
0,210	0,274	0,010	0,016	0,280	FALSE
-0,215	0,273	-0,014	0,016	0,403	FALSE
0,242	0,264	0,012	0,015	0,364	FALSE
-0,255	0,256	-0,015	0,015	0,497	FALSE
0,103	0,270	0,004	0,011	0,163	FALSE
0,199	0,268	0,016	0,018	0,447	FALSE
-0,253	0,269	-0,008	0,009	0,437	FALSE
-0,148	0,277	-0,011	0,017	0,291	FALSE
0,070	0,285	0,006	0,016	0,164	FALSE
0,009	0,272	0,003	0,014	0,089	FALSE
0,145	0,283	0,006	0,013	0,175	FALSE
0,009	0,282	0,001	0,009	0,052	FALSE
-0,187	0,271	-0,010	0,017	0,252	FALSE
-0,057	0,291	-0,003	0,014	0,092	FALSE
0,104	0,269	0,006	0,014	0,171	FALSE
0,097	0,271	0,005	0,014	0,148	FALSE
0,046	0,274	-0,001	0,016	0,013	FALSE
-0,073	0,267	-0,003	0,011	0,108	FALSE
-0,034	0,265	-0,004	0,016	0,097	FALSE
-0,170	0,274	-0,006	0,011	0,236	FALSE
0,162	0,278	0,008	0,017	0,201	FALSE
0,015	0,273	0,000	0,013	0,002	FALSE
0,021	0,277	0,000	0,013	0,001	FALSE
0,047	0,302	0,002	0,009	0,082	FALSE
0,164	0,268	0,009	0,016	0,249	FALSE
0,072	0,268	0,001	0,012	0,019	FALSE
0,183	0,265	0,004	0,010	0,153	FALSE
-0,158	0,280	-0,004	0,010	0,156	FALSE
-0,134	0,292	-0,003	0,010	0,118	FALSE
0,067	0,275	0,000	0,013	0,006	FALSE
-0,140	0,285	-0,003	0,009	0,128	FALSE
0,054	0,287	0,003	0,017	0,066	FALSE
0,074	0,275	0,004	0,016	0,090	FALSE
0,330	0,252	0,008	0,009	0,462	FALSE
-0,050	0,285	-0,001	0,010	0,021	FALSE
-0,260	0,284	-0,015	0,018	0,396	FALSE
0,303	0,270	0,013	0,014	0,457	FALSE
0,043	0,295	0,002	0,010	0,079	FALSE
-0,142	0,294	-0,006	0,016	0,145	FALSE
0,008	0,294	0,002	0,010	0,076	FALSE
-0,110	0,282	-0,004	0,017	0,079	FALSE

0,137	0,274	0,008	0,016	0,201	FALSE
-0,142	0,280	-0,002	0,009	0,110	FALSE
-0,114	0,289	-0,005	0,018	0,112	FALSE
0,126	0,279	0,006	0,013	0,201	FALSE
0,084	0,283	0,004	0,012	0,121	FALSE
0,057	0,286	0,002	0,011	0,078	FALSE
0,108	0,285	0,005	0,011	0,191	FALSE
0,055	0,281	0,002	0,012	0,073	FALSE
-0,031	0,285	-0,001	0,010	0,019	FALSE
0,071	0,294	0,003	0,014	0,082	FALSE
0,068	0,288	0,003	0,014	0,084	FALSE
0,064	0,285	0,003	0,014	0,093	FALSE
-0,023	0,285	-0,001	0,009	0,027	FALSE
0,015	0,293	0,000	0,016	0,004	FALSE
-0,092	0,289	-0,004	0,014	0,099	FALSE
0,138	0,266	0,006	0,013	0,194	FALSE
0,133	0,269	0,006	0,012	0,189	FALSE
0,129	0,275	0,006	0,013	0,188	FALSE
-0,036	0,277	-0,001	0,014	0,034	FALSE
-0,007	0,285	0,001	0,016	0,030	FALSE
0,170	0,279	0,007	0,014	0,205	FALSE
-0,185	0,291	-0,007	0,011	0,281	FALSE
-0,125	0,278	-0,005	0,009	0,222	FALSE
0,066	0,277	0,002	0,011	0,079	FALSE
0,056	0,273	0,002	0,010	0,062	FALSE
-0,053	0,296	0,000	0,013	0,006	FALSE
-0,074	0,284	-0,002	0,010	0,060	FALSE
-0,078	0,287	-0,004	0,017	0,093	FALSE
-0,024	0,280	-0,001	0,010	0,035	FALSE
-0,078	0,287	-0,001	0,010	0,055	FALSE
0,072	0,276	0,002	0,011	0,067	FALSE
0,097	0,303	0,004	0,018	0,092	FALSE
-0,107	0,283	-0,002	0,010	0,072	FALSE
-0,109	0,291	-0,002	0,009	0,064	FALSE
0,151	0,261	0,003	0,010	0,107	FALSE
0,034	0,304	0,002	0,012	0,045	FALSE
0,163	0,281	0,004	0,010	0,178	FALSE
-0,140	0,297	-0,009	0,018	0,210	FALSE
-0,205	0,282	-0,005	0,011	0,206	FALSE
-0,103	0,284	-0,004	0,009	0,163	FALSE
0,014	0,288	-0,002	0,017	0,043	FALSE
0,067	0,280	0,000	0,010	0,008	FALSE
-0,130	0,273	-0,003	0,013	0,099	FALSE
-0,168	0,272	-0,006	0,009	0,284	FALSE
0,069	0,290	0,001	0,010	0,029	FALSE
0,058	0,281	0,003	0,017	0,060	FALSE
-0,042	0,280	-0,002	0,017	0,037	FALSE
0,165	0,275	0,005	0,010	0,237	FALSE
-0,033	0,274	-0,002	0,009	0,085	FALSE
-0,036	0,300	-0,002	0,015	0,047	FALSE
-0,106	0,300	-0,004	0,012	0,143	FALSE
-0,034	0,275	0,000	0,015	0,006	FALSE
0,024	0,285	0,002	0,014	0,061	FALSE

0,065	0,281	0,002	0,018	0,038	FALSE
-0,061	0,277	-0,003	0,015	0,071	FALSE
0,167	0,280	0,005	0,009	0,251	FALSE
-0,060	0,291	-0,001	0,009	0,041	FALSE
-0,019	0,280	-0,001	0,010	0,054	FALSE
0,191	0,288	0,007	0,012	0,232	FALSE
-0,058	0,287	-0,002	0,012	0,054	FALSE
0,146	0,276	0,003	0,008	0,134	FALSE
-0,055	0,274	-0,001	0,013	0,019	FALSE
0,036	0,298	0,003	0,010	0,097	FALSE
0,142	0,278	0,008	0,015	0,222	FALSE
0,141	0,275	0,008	0,016	0,211	FALSE
0,028	0,272	0,002	0,008	0,095	FALSE
0,039	0,285	0,000	0,009	0,009	FALSE
0,167	0,262	0,005	0,010	0,213	FALSE
-0,072	0,283	-0,002	0,010	0,067	FALSE
0,108	0,287	0,004	0,010	0,149	FALSE
-0,075	0,287	-0,004	0,014	0,121	FALSE
0,015	0,285	0,000	0,017	0,007	FALSE
0,190	0,285	0,011	0,017	0,276	FALSE
-0,066	0,289	-0,003	0,013	0,098	FALSE
-0,041	0,279	-0,001	0,013	0,018	FALSE
0,079	0,274	0,003	0,014	0,088	FALSE
0,022	0,276	0,002	0,009	0,065	FALSE
-0,041	0,283	-0,001	0,016	0,033	FALSE
-0,001	0,292	0,000	0,016	0,004	FALSE
0,191	0,270	0,009	0,017	0,228	FALSE
0,231	0,268	0,010	0,014	0,293	FALSE
-0,046	0,289	-0,001	0,014	0,029	FALSE
0,110	0,285	0,006	0,017	0,152	FALSE
0,065	0,283	0,002	0,008	0,072	FALSE
0,057	0,284	0,004	0,017	0,092	FALSE
-0,007	0,283	0,000	0,011	0,014	FALSE
-0,167	0,278	-0,006	0,013	0,208	FALSE
0,014	0,286	0,001	0,012	0,037	FALSE
0,011	0,294	0,001	0,012	0,038	FALSE
0,019	0,289	0,002	0,012	0,056	FALSE
0,131	0,279	0,007	0,014	0,231	FALSE
0,050	0,275	0,005	0,017	0,109	FALSE
0,169	0,269	0,006	0,010	0,252	FALSE
-0,075	0,273	-0,003	0,012	0,097	FALSE
-0,017	0,284	0,000	0,013	0,001	FALSE
0,084	0,278	0,005	0,015	0,141	FALSE
0,046	0,276	0,005	0,014	0,138	FALSE
-0,115	0,287	-0,003	0,009	0,126	FALSE
0,092	0,283	0,004	0,014	0,119	FALSE
-0,090	0,285	-0,002	0,012	0,072	FALSE
-0,020	0,284	-0,001	0,013	0,021	FALSE
0,150	0,281	0,004	0,011	0,159	FALSE
0,142	0,266	0,003	0,009	0,115	FALSE
-0,048	0,277	-0,002	0,015	0,057	FALSE
0,190	0,273	0,007	0,010	0,305	FALSE
0,021	0,272	0,002	0,010	0,067	FALSE

0,056	0,291	0,000	0,014	0,012	FALSE
-0,075	0,288	-0,001	0,010	0,045	FALSE
0,026	0,303	0,002	0,016	0,039	FALSE
0,035	0,284	-0,001	0,015	0,024	FALSE
0,015	0,294	0,003	0,017	0,068	FALSE
-0,085	0,293	-0,003	0,014	0,085	FALSE
-0,175	0,283	-0,009	0,017	0,222	FALSE
-0,157	0,288	-0,004	0,010	0,159	FALSE
-0,053	0,273	-0,001	0,011	0,035	FALSE
-0,183	0,279	-0,010	0,014	0,318	FALSE
0,110	0,278	0,001	0,009	0,058	FALSE
0,148	0,281	0,009	0,017	0,228	FALSE
0,113	0,291	0,002	0,008	0,102	FALSE
0,046	0,289	0,002	0,013	0,048	FALSE
-0,123	0,284	-0,009	0,017	0,229	FALSE
0,079	0,286	0,003	0,017	0,066	FALSE
0,045	0,280	0,002	0,014	0,040	FALSE
-0,012	0,304	0,001	0,009	0,048	FALSE
-0,148	0,267	-0,009	0,014	0,283	FALSE
-0,133	0,269	-0,008	0,013	0,261	FALSE
-0,220	0,279	-0,012	0,015	0,381	FALSE
0,023	0,290	0,000	0,015	0,010	FALSE
0,176	0,283	0,006	0,010	0,255	FALSE
0,023	0,285	0,001	0,014	0,015	FALSE
0,189	0,278	0,006	0,011	0,242	FALSE
-0,157	0,281	-0,007	0,015	0,182	FALSE
-0,070	0,279	-0,001	0,010	0,025	FALSE
-0,055	0,281	-0,003	0,016	0,079	FALSE
-0,144	0,271	-0,009	0,017	0,216	FALSE
-0,070	0,282	-0,002	0,010	0,060	FALSE
0,202	0,271	0,011	0,015	0,325	FALSE
0,117	0,269	0,003	0,011	0,097	FALSE
0,289	0,249	0,010	0,010	0,510	FALSE
0,108	0,258	0,003	0,010	0,094	FALSE
0,054	0,277	0,004	0,012	0,133	FALSE
0,074	0,274	0,005	0,012	0,181	FALSE
0,122	0,290	0,004	0,012	0,134	FALSE
0,228	0,273	0,014	0,018	0,367	FALSE
-0,006	0,290	0,001	0,013	0,035	FALSE
-0,096	0,283	-0,003	0,013	0,082	FALSE
-0,138	0,278	-0,005	0,013	0,146	FALSE
-0,087	0,289	-0,002	0,011	0,068	FALSE
0,116	0,284	0,003	0,008	0,140	FALSE
0,136	0,277	0,004	0,008	0,175	FALSE
0,024	0,292	0,000	0,010	0,018	FALSE
-0,052	0,286	-0,003	0,014	0,090	FALSE
0,144	0,282	0,006	0,010	0,245	FALSE
-0,101	0,280	-0,003	0,013	0,088	FALSE
0,037	0,292	0,002	0,009	0,066	FALSE
-0,197	0,278	-0,006	0,009	0,301	FALSE
-0,006	0,279	0,001	0,016	0,020	FALSE
-0,003	0,273	0,001	0,015	0,018	FALSE
-0,011	0,288	0,000	0,016	0,001	FALSE

-0,006	0,282	0,000	0,016	0,011	FALSE
-0,024	0,287	0,000	0,016	0,004	FALSE
0,266	0,266	0,015	0,017	0,401	FALSE
-0,180	0,261	-0,008	0,011	0,320	FALSE
-0,127	0,292	-0,004	0,010	0,165	FALSE
-0,113	0,279	-0,004	0,009	0,164	FALSE
-0,022	0,290	-0,001	0,012	0,033	FALSE
0,017	0,282	0,002	0,014	0,046	FALSE
0,092	0,272	0,003	0,016	0,072	FALSE
-0,177	0,276	-0,006	0,013	0,202	FALSE
0,003	0,295	0,000	0,016	0,003	FALSE
0,088	0,280	0,002	0,011	0,081	FALSE
-0,120	0,289	-0,009	0,018	0,215	FALSE
0,091	0,290	0,004	0,011	0,142	FALSE
0,043	0,285	0,001	0,015	0,013	FALSE
-0,018	0,293	-0,002	0,017	0,052	FALSE
-0,053	0,290	-0,002	0,016	0,046	FALSE
-0,152	0,276	-0,009	0,015	0,277	FALSE
-0,069	0,288	-0,002	0,010	0,063	FALSE
0,074	0,277	0,002	0,008	0,094	FALSE
-0,003	0,286	0,001	0,013	0,027	FALSE
0,023	0,278	0,002	0,012	0,061	FALSE
0,025	0,288	0,002	0,013	0,067	FALSE
-0,017	0,297	-0,003	0,018	0,065	FALSE
0,178	0,268	0,008	0,014	0,270	FALSE
0,191	0,273	0,009	0,015	0,279	FALSE
-0,030	0,292	0,000	0,011	0,010	FALSE
-0,061	0,277	-0,002	0,009	0,079	FALSE
-0,040	0,275	-0,001	0,012	0,018	FALSE
0,219	0,255	0,008	0,013	0,302	FALSE
0,185	0,283	0,007	0,012	0,271	FALSE
0,195	0,281	0,008	0,011	0,299	FALSE
-0,098	0,293	-0,004	0,014	0,116	FALSE
0,189	0,277	0,008	0,012	0,275	FALSE
-0,174	0,289	-0,006	0,011	0,242	FALSE
0,188	0,282	0,008	0,012	0,300	FALSE
-0,139	0,277	-0,006	0,013	0,169	FALSE
-0,116	0,287	-0,004	0,014	0,123	FALSE
0,107	0,275	0,005	0,017	0,100	FALSE
0,079	0,281	0,002	0,017	0,048	FALSE
0,212	0,273	0,006	0,010	0,250	FALSE
0,097	0,281	0,004	0,017	0,083	FALSE
0,229	0,278	0,008	0,014	0,235	FALSE
0,208	0,271	0,007	0,014	0,209	FALSE
-0,113	0,268	-0,004	0,017	0,088	FALSE
0,118	0,283	0,004	0,012	0,119	FALSE
0,151	0,283	0,003	0,010	0,136	FALSE
-0,108	0,275	-0,004	0,017	0,087	FALSE
-0,140	0,281	-0,006	0,017	0,130	FALSE
-0,072	0,280	-0,002	0,010	0,063	FALSE
0,115	0,277	0,005	0,018	0,118	FALSE
-0,069	0,284	-0,002	0,009	0,091	FALSE
-0,011	0,286	-0,001	0,009	0,023	FALSE

-0,029	0,274	0,000	0,009	0,010	FALSE
0,133	0,286	0,006	0,009	0,263	FALSE
0,070	0,283	0,005	0,012	0,180	FALSE
0,007	0,282	0,004	0,016	0,090	FALSE
-0,050	0,288	0,000	0,018	0,004	FALSE
0,023	0,272	0,000	0,012	0,005	FALSE
0,118	0,282	0,006	0,014	0,167	FALSE
0,019	0,285	0,001	0,011	0,017	FALSE
-0,153	0,283	-0,004	0,010	0,167	FALSE
0,026	0,293	0,001	0,015	0,034	FALSE
0,011	0,299	0,001	0,012	0,040	FALSE
0,022	0,288	0,001	0,012	0,037	FALSE
0,031	0,289	0,002	0,014	0,057	FALSE
0,158	0,278	0,006	0,012	0,210	FALSE
0,029	0,290	0,003	0,010	0,099	FALSE
-0,155	0,278	-0,004	0,011	0,146	FALSE
-0,110	0,285	-0,005	0,016	0,139	FALSE
-0,114	0,294	-0,006	0,016	0,152	FALSE
-0,113	0,282	-0,006	0,015	0,176	FALSE
-0,089	0,276	-0,003	0,011	0,120	FALSE
0,091	0,281	0,002	0,009	0,091	FALSE
-0,168	0,270	-0,007	0,014	0,215	FALSE
0,044	0,298	0,002	0,017	0,047	FALSE
0,048	0,282	0,001	0,007	0,028	FALSE
-0,087	0,290	-0,001	0,008	0,032	FALSE
-0,042	0,288	-0,001	0,007	0,058	FALSE
0,067	0,286	0,003	0,010	0,125	FALSE
0,037	0,303	0,000	0,009	0,010	FALSE
0,060	0,282	0,004	0,010	0,147	FALSE
-0,052	0,294	-0,002	0,012	0,059	FALSE
-0,065	0,275	-0,002	0,011	0,078	FALSE
0,074	0,293	0,003	0,010	0,105	FALSE
0,034	0,295	0,001	0,010	0,041	FALSE
0,047	0,297	0,001	0,012	0,022	FALSE
0,057	0,306	0,001	0,012	0,032	FALSE
0,025	0,301	0,001	0,011	0,039	FALSE
-0,049	0,294	-0,001	0,009	0,035	FALSE
0,119	0,300	0,003	0,010	0,123	FALSE
0,070	0,294	0,000	0,007	0,022	FALSE
-0,189	0,274	-0,006	0,011	0,233	FALSE
-0,029	0,284	-0,001	0,009	0,021	FALSE
-0,007	0,288	0,000	0,009	0,004	FALSE
-0,144	0,275	-0,007	0,013	0,246	FALSE
-0,192	0,279	-0,010	0,013	0,352	FALSE
-0,140	0,263	-0,003	0,010	0,129	FALSE
0,046	0,281	0,002	0,011	0,066	FALSE
0,024	0,288	0,002	0,012	0,060	FALSE
0,012	0,296	-0,002	0,009	0,074	FALSE
-0,059	0,291	-0,001	0,013	0,031	FALSE
-0,077	0,289	-0,003	0,013	0,088	FALSE
-0,039	0,280	-0,002	0,009	0,105	FALSE
0,019	0,282	0,000	0,013	0,003	FALSE
0,025	0,286	0,002	0,012	0,056	FALSE

-0,006	0,291	0,001	0,011	0,017	FALSE
0,075	0,311	0,002	0,007	0,098	FALSE
0,094	0,296	0,002	0,006	0,137	FALSE
0,099	0,283	0,002	0,007	0,099	FALSE
0,065	0,293	0,002	0,010	0,071	FALSE
0,061	0,301	0,004	0,010	0,142	FALSE
-0,021	0,277	0,001	0,008	0,022	FALSE
-0,154	0,276	-0,003	0,008	0,152	FALSE
0,186	0,291	0,008	0,012	0,280	FALSE
0,006	0,287	-0,001	0,008	0,035	FALSE
0,070	0,301	0,001	0,006	0,047	FALSE
-0,026	0,297	0,001	0,013	0,027	FALSE
-0,048	0,277	0,001	0,012	0,034	FALSE
-0,154	0,277	-0,004	0,009	0,205	FALSE
-0,002	0,280	0,000	0,007	0,006	FALSE
0,113	0,291	0,003	0,009	0,150	FALSE
0,014	0,305	0,000	0,008	0,008	FALSE
-0,176	0,277	-0,006	0,012	0,230	FALSE
0,032	0,297	0,001	0,008	0,035	FALSE
-0,061	0,274	-0,001	0,008	0,054	FALSE
-0,009	0,305	-0,001	0,007	0,045	FALSE
0,111	0,287	0,002	0,008	0,101	FALSE
-0,079	0,280	-0,003	0,010	0,103	FALSE
-0,106	0,281	-0,003	0,010	0,122	FALSE
-0,006	0,289	0,000	0,009	0,005	FALSE
-0,127	0,269	-0,004	0,010	0,152	FALSE
0,012	0,290	0,001	0,007	0,079	FALSE
0,063	0,310	0,001	0,008	0,066	FALSE
0,024	0,300	0,001	0,013	0,036	FALSE
0,048	0,297	0,002	0,007	0,091	FALSE
-0,023	0,288	-0,001	0,007	0,085	FALSE
-0,071	0,290	-0,003	0,007	0,156	FALSE
-0,118	0,284	-0,002	0,009	0,113	FALSE
-0,002	0,282	0,000	0,008	0,016	FALSE
-0,103	0,295	-0,002	0,006	0,135	FALSE
-0,056	0,283	-0,001	0,007	0,044	FALSE
0,074	0,296	0,003	0,009	0,136	FALSE
0,011	0,288	-0,001	0,007	0,052	FALSE
-0,119	0,282	-0,006	0,012	0,219	FALSE
-0,137	0,280	-0,004	0,008	0,225	FALSE
0,064	0,276	0,002	0,007	0,095	FALSE
-0,092	0,280	0,000	0,012	0,014	FALSE
-0,018	0,302	0,001	0,007	0,033	FALSE
-0,165	0,282	-0,003	0,008	0,151	FALSE
0,154	0,276	0,003	0,006	0,212	FALSE
0,076	0,285	0,003	0,010	0,105	FALSE
-0,109	0,286	-0,003	0,008	0,150	FALSE
0,028	0,283	0,000	0,012	0,011	FALSE
0,080	0,294	0,001	0,008	0,056	FALSE
-0,021	0,296	-0,001	0,007	0,047	FALSE
0,047	0,292	0,002	0,012	0,046	FALSE
0,148	0,296	0,005	0,008	0,246	FALSE
0,079	0,290	0,001	0,008	0,059	FALSE

0,095	0,290	0,001	0,008	0,057	FALSE
-0,139	0,298	-0,005	0,010	0,201	FALSE
0,247	0,274	0,007	0,010	0,309	FALSE
-0,018	0,288	-0,001	0,008	0,030	FALSE
-0,006	0,299	0,000	0,008	0,020	FALSE
0,072	0,297	0,001	0,009	0,052	FALSE
-0,018	0,299	-0,001	0,007	0,046	FALSE
0,008	0,289	-0,001	0,012	0,035	FALSE
0,016	0,285	-0,001	0,006	0,034	FALSE
0,019	0,283	0,004	0,013	0,127	FALSE
0,022	0,282	0,004	0,012	0,142	FALSE
0,030	0,276	-0,003	0,012	0,085	FALSE
-0,071	0,281	-0,001	0,008	0,059	FALSE
-0,086	0,289	-0,001	0,008	0,050	FALSE
-0,017	0,292	0,000	0,007	0,010	FALSE
-0,118	0,289	-0,004	0,008	0,216	FALSE
-0,001	0,297	0,000	0,007	0,008	FALSE
0,063	0,282	0,001	0,008	0,060	FALSE
-0,100	0,296	-0,003	0,012	0,114	FALSE
0,038	0,291	0,002	0,006	0,096	FALSE
-0,034	0,271	0,000	0,010	0,016	FALSE
-0,144	0,288	-0,004	0,009	0,183	FALSE
0,106	0,280	0,003	0,008	0,128	FALSE
0,032	0,300	0,002	0,012	0,057	FALSE
0,044	0,295	0,001	0,011	0,034	FALSE
0,012	0,291	0,001	0,012	0,025	FALSE
-0,068	0,299	-0,002	0,011	0,078	FALSE
0,023	0,281	0,003	0,010	0,099	FALSE
0,081	0,309	0,002	0,008	0,106	FALSE
-0,146	0,294	-0,003	0,009	0,153	FALSE
0,060	0,277	0,001	0,008	0,035	FALSE
0,054	0,281	0,002	0,013	0,052	FALSE
-0,140	0,284	-0,003	0,008	0,166	FALSE
-0,145	0,283	-0,005	0,008	0,234	FALSE
-0,247	0,281	-0,005	0,007	0,330	FALSE
-0,082	0,285	-0,004	0,008	0,194	FALSE
-0,018	0,295	0,000	0,009	0,014	FALSE
0,079	0,278	0,001	0,009	0,040	FALSE
-0,011	0,298	0,000	0,008	0,005	FALSE
-0,096	0,292	-0,002	0,008	0,096	FALSE
-0,214	0,279	-0,008	0,012	0,281	FALSE
0,205	0,287	0,008	0,012	0,296	FALSE
-0,123	0,276	-0,003	0,007	0,205	FALSE
-0,061	0,292	-0,003	0,009	0,151	FALSE
-0,076	0,274	-0,002	0,009	0,065	FALSE
-0,138	0,295	-0,005	0,013	0,153	FALSE
-0,119	0,295	-0,002	0,008	0,082	FALSE
-0,117	0,301	-0,002	0,008	0,079	FALSE
0,110	0,289	0,005	0,012	0,172	FALSE
0,059	0,284	0,002	0,012	0,070	FALSE
-0,151	0,277	-0,004	0,008	0,232	FALSE
0,015	0,286	0,000	0,013	0,013	FALSE
0,086	0,282	0,003	0,006	0,172	FALSE

0,099	0,296	0,002	0,009	0,082	FALSE
0,076	0,272	0,004	0,008	0,214	FALSE
-0,113	0,286	-0,003	0,007	0,177	FALSE
-0,101	0,294	-0,005	0,013	0,137	FALSE
-0,085	0,296	-0,002	0,007	0,099	FALSE
-0,047	0,299	-0,001	0,011	0,024	FALSE
0,024	0,274	0,001	0,009	0,022	FALSE
-0,004	0,275	0,001	0,007	0,031	FALSE
0,054	0,288	0,003	0,013	0,080	FALSE
0,123	0,301	0,003	0,007	0,142	FALSE
-0,107	0,288	-0,003	0,007	0,162	FALSE
0,017	0,296	-0,001	0,013	0,030	FALSE
0,114	0,281	0,003	0,012	0,107	FALSE
0,128	0,282	0,004	0,011	0,138	FALSE
-0,054	0,292	-0,002	0,007	0,099	FALSE
-0,032	0,290	0,000	0,012	0,012	FALSE
-0,059	0,285	-0,001	0,011	0,030	FALSE
-0,036	0,292	0,000	0,010	0,010	FALSE
-0,069	0,300	-0,002	0,008	0,113	FALSE
0,044	0,290	0,000	0,011	0,014	FALSE
-0,062	0,293	-0,003	0,013	0,095	FALSE
-0,145	0,300	-0,005	0,012	0,194	FALSE
-0,041	0,289	-0,002	0,011	0,071	FALSE
-0,027	0,297	-0,001	0,013	0,019	FALSE
0,092	0,296	0,001	0,008	0,067	FALSE
-0,123	0,287	-0,002	0,007	0,089	FALSE
-0,064	0,286	-0,001	0,012	0,036	FALSE
0,048	0,275	0,004	0,009	0,151	FALSE
-0,093	0,296	-0,003	0,008	0,146	FALSE
0,022	0,298	0,000	0,007	0,019	FALSE
0,003	0,292	-0,001	0,013	0,018	FALSE
-0,115	0,257	-0,004	0,008	0,209	FALSE
-0,068	0,287	-0,001	0,012	0,026	FALSE
0,044	0,283	0,001	0,006	0,086	FALSE
-0,094	0,281	-0,002	0,007	0,096	FALSE
0,026	0,288	0,001	0,012	0,036	FALSE
0,065	0,275	0,003	0,009	0,111	FALSE
0,061	0,297	0,003	0,013	0,099	FALSE
0,056	0,293	0,002	0,009	0,090	FALSE
-0,022	0,291	0,000	0,007	0,019	FALSE
0,059	0,298	0,003	0,008	0,115	FALSE
-0,133	0,287	-0,004	0,008	0,208	FALSE
-0,038	0,294	-0,002	0,009	0,093	FALSE
-0,014	0,284	0,001	0,008	0,057	FALSE
-0,009	0,276	-0,002	0,010	0,062	FALSE
0,065	0,279	0,001	0,010	0,031	FALSE
0,136	0,288	0,003	0,011	0,105	FALSE
-0,033	0,283	-0,001	0,012	0,017	FALSE
0,005	0,307	-0,001	0,007	0,067	FALSE
-0,030	0,284	-0,001	0,009	0,037	FALSE
0,053	0,277	0,002	0,006	0,149	FALSE
0,099	0,290	0,001	0,011	0,030	FALSE
0,028	0,293	-0,001	0,012	0,019	FALSE

0,044	0,290	0,000	0,012	0,003	FALSE
0,057	0,295	0,001	0,006	0,045	FALSE
-0,136	0,297	-0,004	0,011	0,134	FALSE
-0,072	0,271	-0,003	0,010	0,106	FALSE
-0,178	0,271	-0,005	0,010	0,221	FALSE
0,001	0,295	-0,001	0,007	0,059	FALSE
-0,151	0,277	-0,004	0,011	0,167	FALSE
-0,161	0,269	-0,005	0,011	0,213	FALSE
-0,030	0,289	-0,001	0,009	0,022	FALSE
0,116	0,301	0,003	0,007	0,178	FALSE
0,067	0,305	0,003	0,010	0,104	FALSE
0,056	0,290	0,002	0,010	0,058	FALSE
0,074	0,299	0,002	0,010	0,085	FALSE
0,049	0,281	0,003	0,009	0,142	FALSE
0,024	0,296	0,001	0,007	0,036	FALSE
0,012	0,286	-0,003	0,012	0,107	FALSE
0,048	0,281	0,000	0,006	0,013	FALSE
-0,062	0,289	-0,001	0,009	0,026	FALSE
0,058	0,283	0,005	0,011	0,173	FALSE
0,075	0,282	0,002	0,007	0,127	FALSE
0,047	0,282	0,002	0,007	0,081	FALSE
-0,067	0,285	0,000	0,007	0,010	FALSE
0,058	0,298	0,002	0,009	0,062	FALSE
0,024	0,287	0,000	0,008	0,018	FALSE
0,003	0,292	0,000	0,008	0,002	FALSE
0,144	0,284	0,003	0,009	0,138	FALSE
0,057	0,289	0,001	0,009	0,032	FALSE
0,050	0,292	0,001	0,007	0,078	FALSE
0,033	0,286	0,000	0,008	0,003	FALSE
0,057	0,275	0,001	0,008	0,035	FALSE
-0,003	0,290	-0,001	0,008	0,044	FALSE
0,028	0,300	0,000	0,008	0,016	FALSE
-0,006	0,294	-0,001	0,008	0,028	FALSE
-0,024	0,276	-0,002	0,008	0,087	FALSE
-0,005	0,281	-0,001	0,007	0,050	FALSE
-0,037	0,290	-0,002	0,009	0,088	FALSE
-0,091	0,285	-0,002	0,007	0,133	FALSE
0,085	0,290	0,003	0,008	0,131	FALSE
-0,085	0,305	-0,002	0,007	0,121	FALSE
-0,059	0,288	-0,002	0,006	0,101	FALSE
-0,063	0,304	-0,002	0,007	0,101	FALSE
-0,020	0,285	-0,003	0,008	0,123	FALSE
-0,062	0,292	-0,002	0,007	0,102	FALSE
-0,051	0,294	-0,001	0,007	0,072	FALSE
-0,060	0,283	-0,002	0,006	0,096	FALSE
0,046	0,288	0,001	0,011	0,039	FALSE
0,093	0,279	0,003	0,008	0,167	FALSE
-0,056	0,283	-0,002	0,007	0,115	FALSE
-0,049	0,290	0,000	0,013	0,008	FALSE
0,079	0,284	0,004	0,010	0,140	FALSE
0,120	0,285	0,005	0,011	0,194	FALSE
-0,018	0,287	-0,001	0,007	0,051	FALSE
0,012	0,278	0,000	0,010	0,015	FALSE

-0,064	0,299	-0,002	0,012	0,069	FALSE
-0,003	0,301	0,001	0,011	0,034	FALSE
0,041	0,292	0,001	0,006	0,050	FALSE
-0,006	0,307	0,001	0,011	0,032	FALSE
0,043	0,299	0,002	0,013	0,073	FALSE
0,036	0,296	0,002	0,012	0,053	FALSE
-0,050	0,282	-0,001	0,009	0,057	FALSE
0,082	0,291	0,002	0,007	0,134	FALSE
-0,004	0,279	0,001	0,011	0,039	FALSE
-0,056	0,289	-0,002	0,011	0,070	FALSE
0,018	0,287	0,001	0,011	0,031	FALSE
-0,051	0,281	-0,001	0,009	0,036	FALSE
-0,190	0,275	-0,004	0,008	0,209	FALSE
0,094	0,306	0,001	0,007	0,042	FALSE
-0,101	0,292	-0,002	0,007	0,090	FALSE
-0,185	0,282	-0,005	0,008	0,289	FALSE
-0,097	0,287	-0,005	0,012	0,185	FALSE
-0,026	0,302	0,000	0,008	0,006	FALSE
-0,058	0,301	-0,001	0,008	0,070	FALSE
0,109	0,286	0,003	0,007	0,216	FALSE
0,112	0,280	0,002	0,009	0,081	FALSE
-0,045	0,289	0,000	0,008	0,006	FALSE
0,018	0,311	0,001	0,013	0,034	FALSE
0,122	0,284	0,004	0,008	0,210	FALSE
0,098	0,299	0,004	0,012	0,137	FALSE
-0,034	0,283	-0,004	0,013	0,138	FALSE
0,170	0,281	0,005	0,007	0,334	FALSE
0,011	0,283	-0,001	0,007	0,040	FALSE
-0,091	0,288	-0,004	0,009	0,153	FALSE
0,094	0,287	0,002	0,008	0,116	FALSE
-0,031	0,287	-0,002	0,012	0,057	FALSE
0,028	0,304	0,001	0,008	0,058	FALSE
-0,014	0,293	-0,002	0,011	0,053	FALSE
-0,040	0,292	0,000	0,012	0,013	FALSE
-0,087	0,280	-0,005	0,012	0,158	FALSE
-0,044	0,277	-0,001	0,012	0,022	FALSE
0,038	0,286	-0,001	0,013	0,029	FALSE
-0,025	0,289	0,000	0,008	0,003	FALSE
-0,137	0,297	-0,003	0,007	0,173	FALSE
-0,026	0,292	0,000	0,008	0,009	FALSE
-0,181	0,299	-0,005	0,008	0,268	FALSE
-0,195	0,282	-0,006	0,009	0,311	FALSE
-0,129	0,280	-0,005	0,013	0,162	FALSE
0,082	0,286	0,001	0,007	0,065	FALSE
0,192	0,297	0,005	0,010	0,216	FALSE
-0,076	0,286	-0,003	0,007	0,184	FALSE
-0,053	0,294	-0,002	0,007	0,085	FALSE
0,035	0,292	0,002	0,008	0,111	FALSE
0,079	0,284	0,002	0,010	0,079	FALSE
-0,232	0,283	-0,009	0,013	0,316	FALSE
0,057	0,294	0,003	0,009	0,118	FALSE
-0,014	0,288	0,000	0,010	0,007	FALSE
0,009	0,292	0,001	0,010	0,019	FALSE

-0,122	0,288	-0,006	0,012	0,182	FALSE
0,079	0,291	0,001	0,007	0,074	FALSE
0,018	0,290	0,002	0,007	0,097	FALSE
-0,106	0,294	-0,002	0,007	0,107	FALSE
0,094	0,288	0,001	0,011	0,040	FALSE
0,063	0,294	0,001	0,011	0,026	FALSE
0,015	0,297	0,002	0,009	0,076	FALSE
0,096	0,280	0,004	0,007	0,222	FALSE
0,120	0,301	0,002	0,006	0,092	FALSE
-0,137	0,284	-0,004	0,009	0,165	FALSE
-0,024	0,305	-0,001	0,009	0,023	FALSE
-0,049	0,290	0,000	0,011	0,005	FALSE
0,146	0,277	0,003	0,007	0,187	FALSE
-0,011	0,301	0,000	0,013	0,009	FALSE
0,017	0,304	0,000	0,011	0,001	FALSE
-0,058	0,302	-0,001	0,009	0,035	FALSE
-0,001	0,285	-0,001	0,008	0,070	FALSE
-0,016	0,274	0,001	0,011	0,021	FALSE
-0,036	0,278	0,000	0,007	0,003	FALSE
0,043	0,287	0,002	0,009	0,068	FALSE
0,102	0,291	0,004	0,011	0,157	FALSE
0,079	0,287	0,003	0,011	0,125	FALSE
-0,090	0,288	-0,002	0,010	0,092	FALSE
0,011	0,299	0,001	0,008	0,037	FALSE
-0,108	0,292	-0,004	0,012	0,112	FALSE
0,042	0,291	0,001	0,012	0,043	FALSE
0,034	0,291	0,001	0,013	0,029	FALSE
0,151	0,291	0,004	0,012	0,141	FALSE
0,053	0,273	0,001	0,009	0,026	FALSE
-0,126	0,281	-0,003	0,009	0,133	FALSE
0,131	0,298	0,003	0,007	0,178	FALSE
-0,100	0,285	-0,003	0,007	0,152	FALSE
0,028	0,285	0,002	0,012	0,070	FALSE
0,101	0,300	0,002	0,008	0,083	FALSE
-0,024	0,291	-0,003	0,013	0,102	FALSE
0,008	0,290	0,000	0,007	0,020	FALSE
-0,013	0,289	0,000	0,006	0,023	FALSE
-0,012	0,290	0,001	0,007	0,038	FALSE
0,006	0,293	0,000	0,010	0,015	FALSE
0,059	0,286	0,001	0,006	0,075	FALSE
-0,014	0,300	-0,001	0,008	0,063	FALSE
-0,030	0,300	-0,001	0,011	0,019	FALSE
-0,042	0,291	-0,001	0,012	0,017	FALSE
-0,133	0,291	-0,005	0,012	0,181	FALSE
0,095	0,275	0,002	0,007	0,132	FALSE
0,005	0,291	-0,001	0,007	0,043	FALSE
-0,094	0,294	-0,004	0,012	0,126	FALSE
0,043	0,299	0,002	0,009	0,082	FALSE
0,046	0,310	0,000	0,011	0,003	FALSE
0,022	0,289	0,001	0,008	0,052	FALSE
-0,115	0,301	-0,003	0,007	0,164	FALSE
0,050	0,292	0,000	0,008	0,016	FALSE
0,110	0,285	0,005	0,012	0,165	FALSE

0,038	0,300	0,002	0,012	0,065	FALSE
-0,114	0,276	-0,002	0,007	0,122	FALSE
-0,044	0,288	-0,003	0,009	0,128	FALSE
0,007	0,293	0,001	0,007	0,061	FALSE
0,052	0,299	0,001	0,010	0,033	FALSE
0,086	0,282	0,001	0,009	0,044	FALSE
-0,006	0,290	-0,002	0,011	0,060	FALSE
0,047	0,304	0,001	0,013	0,038	FALSE
0,044	0,289	0,001	0,013	0,018	FALSE
0,028	0,293	0,001	0,007	0,036	FALSE
-0,059	0,303	-0,001	0,010	0,042	FALSE
-0,099	0,279	-0,005	0,011	0,186	FALSE
-0,020	0,281	-0,003	0,013	0,089	FALSE
-0,026	0,287	-0,001	0,007	0,061	FALSE
0,186	0,290	0,004	0,006	0,290	FALSE
-0,179	0,296	-0,004	0,008	0,219	FALSE
0,143	0,282	0,004	0,007	0,208	FALSE
0,052	0,278	0,002	0,006	0,094	FALSE
0,103	0,289	0,003	0,010	0,139	FALSE
-0,027	0,275	-0,002	0,006	0,094	FALSE
-0,080	0,287	-0,002	0,008	0,091	FALSE
-0,054	0,293	-0,001	0,007	0,030	FALSE
-0,091	0,270	-0,003	0,012	0,097	FALSE
-0,014	0,285	-0,001	0,007	0,045	FALSE
0,081	0,306	0,001	0,007	0,037	FALSE
-0,055	0,301	-0,003	0,011	0,084	FALSE
-0,011	0,310	0,000	0,011	0,003	FALSE
0,003	0,296	0,001	0,008	0,024	FALSE
-0,029	0,284	0,000	0,009	0,019	FALSE
0,031	0,297	0,000	0,008	0,021	FALSE
0,137	0,274	0,005	0,008	0,308	FALSE
-0,013	0,286	0,000	0,010	0,012	FALSE
0,053	0,280	0,002	0,006	0,106	FALSE
-0,067	0,285	-0,003	0,012	0,078	FALSE
0,097	0,279	0,003	0,013	0,102	FALSE
-0,010	0,289	0,001	0,012	0,044	FALSE
-0,135	0,277	-0,004	0,008	0,231	FALSE
0,117	0,293	0,004	0,011	0,128	FALSE
0,027	0,280	0,002	0,009	0,074	FALSE
0,013	0,275	0,001	0,009	0,060	FALSE
0,028	0,277	0,002	0,009	0,068	FALSE
-0,044	0,288	0,000	0,006	0,017	FALSE
0,044	0,292	0,001	0,006	0,053	FALSE
0,004	0,282	0,000	0,008	0,009	FALSE
0,048	0,292	0,001	0,007	0,063	FALSE
-0,045	0,296	-0,001	0,011	0,018	FALSE
0,101	0,286	0,002	0,008	0,097	FALSE
0,076	0,288	0,001	0,006	0,064	FALSE
-0,055	0,282	-0,001	0,006	0,031	FALSE
-0,157	0,283	-0,004	0,007	0,259	FALSE
0,007	0,301	-0,001	0,007	0,030	FALSE
-0,033	0,305	0,000	0,008	0,019	FALSE
0,050	0,281	0,001	0,009	0,046	FALSE

-0,120	0,301	-0,004	0,011	0,134	FALSE
0,086	0,286	0,001	0,009	0,030	FALSE
-0,006	0,308	0,000	0,010	0,009	FALSE
0,123	0,282	0,002	0,012	0,071	FALSE
-0,004	0,294	0,000	0,010	0,017	FALSE
-0,010	0,294	0,000	0,010	0,014	FALSE
0,000	0,280	0,001	0,012	0,025	FALSE
-0,049	0,292	0,000	0,007	0,007	FALSE
-0,092	0,300	-0,002	0,007	0,115	FALSE
-0,094	0,276	-0,002	0,006	0,100	FALSE
0,042	0,294	0,001	0,012	0,038	FALSE
0,065	0,296	0,002	0,012	0,067	FALSE
0,023	0,296	0,001	0,012	0,043	FALSE
0,030	0,298	0,001	0,008	0,031	FALSE
0,034	0,286	0,001	0,007	0,027	FALSE
-0,066	0,289	-0,003	0,013	0,084	FALSE
0,065	0,292	0,001	0,008	0,059	FALSE
0,020	0,284	0,000	0,009	0,017	FALSE
0,110	0,279	0,003	0,009	0,154	FALSE
0,069	0,299	0,002	0,007	0,088	FALSE
-0,071	0,290	-0,001	0,006	0,078	FALSE
0,009	0,290	0,001	0,007	0,027	FALSE
0,061	0,289	0,003	0,011	0,110	FALSE
0,015	0,292	0,002	0,011	0,055	FALSE
-0,029	0,296	-0,001	0,011	0,030	FALSE
0,077	0,280	0,001	0,006	0,041	FALSE
-0,107	0,283	-0,002	0,006	0,129	FALSE
0,069	0,286	0,002	0,006	0,151	FALSE
0,113	0,299	0,002	0,008	0,104	FALSE
-0,080	0,275	-0,002	0,012	0,068	FALSE
-0,030	0,283	-0,002	0,008	0,108	FALSE
-0,050	0,289	-0,003	0,009	0,118	FALSE
0,006	0,301	0,000	0,011	0,015	FALSE
-0,003	0,273	-0,001	0,006	0,052	FALSE
0,046	0,293	0,001	0,013	0,022	FALSE
-0,138	0,299	-0,004	0,008	0,205	FALSE
0,052	0,265	0,004	0,013	0,109	FALSE
0,213	0,261	0,007	0,009	0,352	FALSE
0,173	0,282	0,006	0,011	0,219	FALSE
0,101	0,300	0,002	0,008	0,111	FALSE
0,104	0,285	0,004	0,012	0,141	FALSE
0,007	0,290	0,000	0,007	0,016	FALSE
0,079	0,282	0,001	0,011	0,034	FALSE
0,114	0,292	0,004	0,013	0,119	FALSE
0,006	0,297	0,000	0,007	0,003	FALSE
-0,059	0,289	-0,001	0,006	0,046	FALSE
-0,074	0,289	-0,002	0,013	0,067	FALSE
0,003	0,277	0,001	0,008	0,040	FALSE
0,086	0,282	0,005	0,012	0,148	FALSE
0,057	0,287	0,002	0,011	0,052	FALSE
-0,034	0,296	-0,002	0,011	0,062	FALSE
-0,031	0,293	-0,001	0,011	0,042	FALSE
-0,074	0,288	0,000	0,010	0,010	FALSE

0,112	0,287	0,004	0,011	0,131	FALSE
0,005	0,279	0,000	0,007	0,000	FALSE
-0,058	0,301	-0,002	0,009	0,085	FALSE
-0,094	0,275	-0,003	0,009	0,137	FALSE
0,086	0,298	0,001	0,008	0,037	FALSE
0,036	0,288	0,000	0,006	0,016	FALSE
0,052	0,282	0,001	0,008	0,048	FALSE
0,052	0,296	0,000	0,007	0,019	FALSE
0,027	0,297	0,000	0,010	0,003	FALSE
-0,054	0,282	-0,001	0,009	0,025	FALSE
0,047	0,293	0,001	0,011	0,044	FALSE
-0,011	0,301	0,000	0,010	0,004	FALSE
-0,037	0,289	0,000	0,008	0,009	FALSE
0,085	0,297	0,002	0,006	0,151	FALSE
0,087	0,294	0,002	0,012	0,069	FALSE
0,003	0,297	0,000	0,007	0,011	FALSE
0,115	0,291	0,005	0,013	0,163	FALSE
0,036	0,284	0,001	0,013	0,020	FALSE
-0,001	0,285	0,000	0,013	0,001	FALSE
0,060	0,293	0,003	0,009	0,144	FALSE
-0,028	0,291	-0,002	0,010	0,057	FALSE
0,010	0,296	0,001	0,010	0,032	FALSE
0,084	0,290	0,005	0,013	0,168	FALSE
0,031	0,289	0,002	0,009	0,099	FALSE
0,004	0,289	-0,002	0,012	0,063	FALSE
-0,098	0,291	-0,003	0,007	0,159	FALSE
-0,043	0,304	-0,002	0,009	0,063	FALSE
-0,063	0,283	-0,001	0,012	0,040	FALSE
0,038	0,299	0,001	0,007	0,068	FALSE
0,025	0,292	0,000	0,013	0,009	FALSE
-0,002	0,287	0,000	0,006	0,017	FALSE
-0,054	0,292	-0,002	0,012	0,068	FALSE
0,132	0,294	0,002	0,009	0,102	FALSE
0,101	0,287	0,001	0,009	0,047	FALSE
0,097	0,286	0,003	0,008	0,179	FALSE
-0,246	0,283	-0,012	0,013	0,462	TRUE
0,063	0,301	0,001	0,009	0,059	FALSE
0,016	0,291	0,001	0,007	0,037	FALSE
0,022	0,289	0,000	0,007	0,003	FALSE
-0,082	0,289	-0,002	0,009	0,085	FALSE
0,041	0,293	0,000	0,007	0,003	FALSE
0,026	0,293	0,000	0,007	0,005	FALSE
0,102	0,295	0,002	0,009	0,104	FALSE
0,097	0,282	0,004	0,011	0,146	FALSE
0,088	0,296	0,002	0,007	0,099	FALSE
-0,034	0,297	-0,001	0,010	0,036	FALSE
-0,125	0,282	-0,004	0,011	0,123	FALSE
0,074	0,276	0,001	0,006	0,038	FALSE
-0,014	0,292	-0,001	0,008	0,042	FALSE
-0,041	0,296	-0,001	0,007	0,041	FALSE
-0,127	0,286	-0,003	0,007	0,193	FALSE
0,160	0,292	0,006	0,012	0,219	FALSE
0,099	0,290	0,004	0,012	0,114	FALSE

-0,032	0,290	-0,002	0,011	0,077	FALSE
-0,095	0,287	-0,002	0,008	0,087	FALSE
0,007	0,275	-0,003	0,010	0,100	FALSE
0,130	0,261	0,003	0,012	0,105	FALSE
-0,079	0,297	-0,001	0,007	0,038	FALSE
0,176	0,266	0,005	0,013	0,165	FALSE
-0,018	0,284	0,000	0,011	0,010	FALSE
0,047	0,282	0,003	0,011	0,087	FALSE
0,068	0,303	0,001	0,007	0,059	FALSE
-0,199	0,276	-0,007	0,013	0,225	FALSE
-0,068	0,300	-0,002	0,008	0,091	FALSE
0,160	0,282	0,003	0,008	0,164	FALSE
0,029	0,292	0,000	0,007	0,015	FALSE
0,156	0,289	0,005	0,008	0,234	FALSE
0,091	0,283	0,002	0,008	0,086	FALSE
-0,054	0,291	-0,002	0,007	0,103	FALSE
0,028	0,285	0,003	0,012	0,093	FALSE
-0,102	0,278	-0,002	0,007	0,134	FALSE
0,076	0,289	0,002	0,006	0,094	FALSE
-0,010	0,293	0,000	0,007	0,009	FALSE
0,149	0,276	0,006	0,011	0,228	FALSE
0,006	0,294	0,000	0,009	0,017	FALSE
0,044	0,295	0,001	0,008	0,028	FALSE
0,059	0,283	0,001	0,013	0,021	FALSE
0,114	0,279	0,006	0,012	0,232	FALSE
-0,119	0,288	-0,005	0,011	0,163	FALSE
-0,098	0,278	-0,002	0,009	0,081	FALSE
-0,065	0,295	-0,002	0,009	0,100	FALSE
-0,054	0,293	-0,001	0,011	0,028	FALSE
0,101	0,294	0,002	0,007	0,131	FALSE
0,064	0,280	0,001	0,008	0,057	FALSE
0,067	0,294	0,001	0,008	0,050	FALSE
-0,088	0,284	-0,002	0,007	0,080	FALSE
-0,036	0,284	-0,001	0,009	0,050	FALSE
0,073	0,296	0,005	0,012	0,162	FALSE
0,013	0,293	0,000	0,009	0,002	FALSE
-0,057	0,283	-0,001	0,012	0,025	FALSE
0,029	0,279	0,000	0,007	0,007	FALSE
-0,085	0,294	-0,002	0,007	0,129	FALSE
0,097	0,277	0,005	0,010	0,228	FALSE
0,057	0,293	0,003	0,010	0,101	FALSE
0,056	0,298	0,003	0,010	0,100	FALSE
0,098	0,295	0,005	0,012	0,157	FALSE
-0,013	0,298	-0,001	0,010	0,053	FALSE
-0,065	0,292	-0,001	0,006	0,031	FALSE
0,179	0,288	0,006	0,008	0,358	FALSE
0,200	0,277	0,006	0,007	0,404	FALSE
-0,010	0,298	0,000	0,010	0,005	FALSE
-0,206	0,277	-0,007	0,012	0,251	FALSE
-0,144	0,303	-0,004	0,013	0,131	FALSE
0,033	0,281	-0,002	0,012	0,061	FALSE
0,060	0,277	0,000	0,012	0,003	FALSE
0,136	0,300	0,005	0,013	0,174	FALSE

0,057	0,294	0,001	0,010	0,037	FALSE
-0,068	0,289	-0,001	0,007	0,041	FALSE
-0,048	0,279	0,000	0,012	0,000	FALSE
0,056	0,284	0,002	0,010	0,059	FALSE
0,043	0,283	0,002	0,011	0,075	FALSE
0,028	0,285	0,001	0,011	0,048	FALSE
0,106	0,283	0,005	0,010	0,201	FALSE
0,072	0,300	0,003	0,012	0,083	FALSE
0,001	0,280	-0,001	0,008	0,045	FALSE
0,068	0,292	0,002	0,009	0,071	FALSE
0,004	0,288	0,001	0,010	0,048	FALSE
0,051	0,288	0,001	0,010	0,041	FALSE
0,095	0,285	0,001	0,008	0,045	FALSE
-0,011	0,284	0,001	0,010	0,023	FALSE
-0,036	0,283	-0,001	0,009	0,023	FALSE
0,093	0,301	0,002	0,009	0,100	FALSE
0,001	0,295	-0,002	0,011	0,060	FALSE
0,000	0,313	-0,002	0,011	0,066	FALSE
0,039	0,291	0,001	0,008	0,054	FALSE
0,052	0,290	0,000	0,008	0,004	FALSE
0,040	0,299	0,002	0,012	0,071	FALSE
0,106	0,296	0,003	0,008	0,156	FALSE
0,130	0,296	0,003	0,007	0,164	FALSE
0,073	0,297	0,003	0,012	0,104	FALSE
0,073	0,297	0,003	0,012	0,111	FALSE
0,074	0,293	0,003	0,012	0,084	FALSE
0,121	0,291	0,005	0,012	0,174	FALSE
0,121	0,290	0,005	0,011	0,172	FALSE
0,056	0,299	0,003	0,013	0,088	FALSE
0,050	0,293	0,003	0,010	0,126	FALSE
0,240	0,281	0,007	0,007	0,452	FALSE
-0,028	0,280	0,000	0,006	0,015	FALSE
-0,072	0,291	-0,004	0,010	0,149	FALSE
-0,019	0,277	0,002	0,009	0,074	FALSE
0,005	0,287	0,003	0,009	0,112	FALSE
-0,105	0,285	-0,005	0,010	0,213	FALSE
0,093	0,277	0,007	0,013	0,243	FALSE
-0,149	0,284	-0,005	0,009	0,271	FALSE
-0,063	0,286	-0,004	0,013	0,110	FALSE
-0,133	0,293	-0,006	0,012	0,205	FALSE
-0,128	0,280	-0,004	0,013	0,115	FALSE
-0,052	0,276	-0,001	0,008	0,024	FALSE
-0,073	0,283	-0,003	0,013	0,090	FALSE
0,124	0,299	0,003	0,010	0,121	FALSE
0,082	0,300	0,001	0,006	0,077	FALSE
0,032	0,302	0,000	0,013	0,007	FALSE
-0,044	0,291	-0,003	0,012	0,091	FALSE
-0,007	0,291	0,000	0,013	0,005	FALSE
0,020	0,293	0,001	0,011	0,017	FALSE
0,021	0,302	0,001	0,011	0,028	FALSE
0,040	0,297	0,002	0,011	0,052	FALSE
0,112	0,283	0,001	0,008	0,055	FALSE
0,018	0,300	0,001	0,007	0,031	FALSE

-0,106	0,286	-0,003	0,012	0,089	FALSE
0,075	0,292	0,002	0,007	0,117	FALSE
0,048	0,292	0,001	0,009	0,027	FALSE
0,012	0,292	0,000	0,009	0,006	FALSE
0,097	0,290	0,002	0,006	0,091	FALSE
-0,032	0,291	-0,001	0,013	0,038	FALSE
-0,110	0,295	-0,002	0,007	0,144	FALSE
-0,118	0,287	-0,003	0,006	0,159	FALSE
0,132	0,296	0,005	0,011	0,181	FALSE
0,139	0,299	0,005	0,012	0,184	FALSE
0,028	0,297	0,002	0,011	0,059	FALSE
-0,034	0,290	-0,001	0,007	0,049	FALSE
-0,175	0,287	-0,004	0,007	0,218	FALSE
0,021	0,296	0,001	0,010	0,023	FALSE
0,044	0,279	0,002	0,011	0,053	FALSE
-0,193	0,275	-0,005	0,007	0,267	FALSE
0,011	0,302	0,001	0,013	0,026	FALSE
0,072	0,294	0,002	0,008	0,093	FALSE
0,082	0,292	0,002	0,008	0,094	FALSE
0,077	0,299	0,003	0,012	0,102	FALSE
0,073	0,302	0,002	0,011	0,062	FALSE
0,117	0,300	0,003	0,009	0,158	FALSE
-0,036	0,292	0,000	0,009	0,015	FALSE
-0,042	0,286	-0,002	0,010	0,075	FALSE
0,114	0,288	0,004	0,012	0,134	FALSE
-0,017	0,296	-0,001	0,013	0,036	FALSE
-0,030	0,288	0,001	0,006	0,029	FALSE
0,097	0,300	0,003	0,010	0,107	FALSE
0,054	0,302	0,002	0,012	0,057	FALSE
0,071	0,309	0,002	0,012	0,064	FALSE
0,017	0,288	0,001	0,009	0,032	FALSE
0,097	0,278	0,004	0,012	0,139	FALSE
0,111	0,295	0,004	0,010	0,143	FALSE
0,025	0,299	0,001	0,014	0,021	FALSE
0,017	0,292	0,000	0,013	0,008	FALSE
-0,003	0,274	-0,001	0,012	0,017	FALSE
-0,146	0,276	-0,003	0,011	0,126	FALSE
0,108	0,286	0,002	0,013	0,058	FALSE
-0,149	0,294	-0,002	0,009	0,108	FALSE
-0,092	0,280	-0,001	0,009	0,032	FALSE
-0,111	0,281	-0,001	0,009	0,054	FALSE
-0,079	0,287	-0,001	0,008	0,028	FALSE
0,024	0,296	0,001	0,008	0,037	FALSE
0,030	0,294	0,001	0,010	0,031	FALSE
0,012	0,287	0,002	0,013	0,052	FALSE
0,027	0,295	0,001	0,013	0,018	FALSE
-0,103	0,285	-0,004	0,009	0,181	FALSE
-0,019	0,283	-0,001	0,007	0,039	FALSE
0,203	0,274	0,004	0,009	0,194	FALSE
0,017	0,280	0,000	0,008	0,013	FALSE
0,157	0,294	0,004	0,008	0,211	FALSE
0,168	0,288	0,004	0,008	0,239	FALSE
0,083	0,291	0,004	0,013	0,136	FALSE

-0,126	0,288	-0,002	0,006	0,117	FALSE
0,039	0,290	0,000	0,011	0,012	FALSE
-0,009	0,301	0,000	0,013	0,013	FALSE
-0,110	0,288	-0,002	0,011	0,061	FALSE
0,054	0,280	0,000	0,007	0,011	FALSE
0,022	0,265	0,001	0,007	0,058	FALSE
0,016	0,296	-0,001	0,008	0,030	FALSE
-0,092	0,283	-0,004	0,011	0,133	FALSE
-0,065	0,289	-0,003	0,011	0,100	FALSE
-0,034	0,299	-0,002	0,012	0,049	FALSE
0,116	0,283	0,005	0,010	0,199	FALSE
0,011	0,293	0,001	0,009	0,039	FALSE
-0,019	0,286	0,000	0,010	0,016	FALSE
0,033	0,287	0,000	0,013	0,005	FALSE
0,082	0,279	0,003	0,011	0,120	FALSE
-0,117	0,293	-0,004	0,008	0,245	FALSE
-0,069	0,291	-0,002	0,008	0,074	FALSE
-0,115	0,292	-0,004	0,009	0,180	FALSE
-0,057	0,297	0,000	0,010	0,013	FALSE
-0,003	0,281	0,000	0,011	0,007	FALSE
0,120	0,301	0,005	0,013	0,167	FALSE
-0,086	0,289	-0,004	0,011	0,134	FALSE
-0,066	0,290	-0,003	0,011	0,086	FALSE
-0,005	0,284	-0,001	0,011	0,023	FALSE
-0,026	0,298	-0,001	0,011	0,028	FALSE
0,032	0,288	0,000	0,006	0,013	FALSE
0,023	0,286	0,001	0,007	0,070	FALSE
-0,040	0,297	-0,001	0,009	0,029	FALSE
0,085	0,295	0,002	0,011	0,054	FALSE
0,049	0,301	0,000	0,011	0,013	FALSE
0,082	0,302	0,002	0,012	0,063	FALSE
0,067	0,307	0,003	0,011	0,089	FALSE
-0,032	0,293	0,000	0,013	0,003	FALSE
0,122	0,287	0,004	0,006	0,255	FALSE
-0,031	0,288	0,000	0,008	0,000	FALSE
0,041	0,296	0,001	0,012	0,034	FALSE
-0,146	0,278	-0,004	0,009	0,165	FALSE
0,028	0,280	0,001	0,007	0,041	FALSE
-0,027	0,308	-0,001	0,009	0,024	FALSE
-0,108	0,271	-0,005	0,013	0,167	FALSE
-0,088	0,292	-0,002	0,008	0,083	FALSE
-0,110	0,290	-0,003	0,008	0,125	FALSE
-0,095	0,286	-0,002	0,008	0,093	FALSE
-0,078	0,296	-0,002	0,008	0,082	FALSE
0,029	0,295	0,002	0,009	0,076	FALSE
0,020	0,287	0,000	0,008	0,013	FALSE
-0,019	0,287	-0,001	0,009	0,042	FALSE
-0,018	0,276	0,002	0,011	0,057	FALSE
0,005	0,292	0,002	0,011	0,074	FALSE
-0,013	0,306	-0,001	0,013	0,023	FALSE
-0,044	0,295	-0,002	0,008	0,094	FALSE
-0,277	0,271	-0,011	0,012	0,435	FALSE
0,017	0,285	0,002	0,012	0,046	FALSE

0,174	0,288	0,006	0,013	0,204	FALSE
0,164	0,297	0,006	0,012	0,216	FALSE
0,064	0,288	0,002	0,008	0,087	FALSE
0,027	0,291	0,001	0,008	0,060	FALSE
0,104	0,288	0,002	0,010	0,091	FALSE
0,151	0,287	0,005	0,012	0,193	FALSE
0,183	0,281	0,007	0,011	0,254	FALSE
-0,014	0,290	-0,001	0,008	0,069	FALSE
-0,026	0,286	0,000	0,011	0,012	FALSE
-0,020	0,298	0,000	0,007	0,007	FALSE
-0,014	0,284	0,000	0,007	0,006	FALSE
0,016	0,293	0,000	0,013	0,009	FALSE
-0,056	0,292	-0,002	0,012	0,056	FALSE
-0,050	0,278	-0,001	0,011	0,034	FALSE
0,003	0,298	-0,001	0,012	0,014	FALSE
-0,017	0,306	-0,001	0,013	0,033	FALSE
0,039	0,289	0,001	0,011	0,035	FALSE
-0,110	0,290	-0,005	0,013	0,149	FALSE
0,033	0,287	0,002	0,011	0,073	FALSE
-0,050	0,296	-0,001	0,008	0,065	FALSE
-0,043	0,296	-0,002	0,010	0,079	FALSE
-0,073	0,295	-0,001	0,006	0,069	FALSE
0,090	0,295	0,003	0,008	0,135	FALSE
-0,072	0,299	-0,001	0,007	0,047	FALSE
-0,107	0,290	-0,002	0,007	0,129	FALSE
0,062	0,286	0,005	0,012	0,153	FALSE
-0,032	0,306	-0,002	0,009	0,062	FALSE
-0,060	0,289	-0,003	0,012	0,085	FALSE
0,041	0,303	0,001	0,012	0,031	FALSE
-0,101	0,279	-0,003	0,013	0,075	FALSE
-0,134	0,296	-0,002	0,007	0,136	FALSE
-0,008	0,298	-0,001	0,007	0,027	FALSE
0,020	0,291	0,001	0,013	0,028	FALSE
-0,036	0,286	-0,002	0,012	0,072	FALSE
-0,058	0,283	-0,001	0,007	0,047	FALSE
-0,099	0,277	-0,001	0,010	0,039	FALSE
-0,037	0,293	-0,001	0,011	0,038	FALSE
0,026	0,298	0,000	0,010	0,014	FALSE
0,029	0,300	0,001	0,012	0,032	FALSE
0,069	0,284	0,002	0,009	0,085	FALSE
-0,005	0,289	0,002	0,008	0,072	FALSE
-0,045	0,286	0,000	0,006	0,013	FALSE
0,050	0,296	0,001	0,010	0,050	FALSE
-0,136	0,288	-0,005	0,013	0,141	FALSE
-0,066	0,284	-0,001	0,006	0,061	FALSE
-0,041	0,300	-0,002	0,011	0,077	FALSE
-0,046	0,302	-0,002	0,013	0,059	FALSE
-0,093	0,306	-0,002	0,013	0,042	FALSE
0,053	0,301	0,001	0,010	0,049	FALSE
-0,108	0,295	-0,003	0,013	0,084	FALSE
-0,109	0,291	-0,004	0,012	0,133	FALSE
-0,059	0,294	-0,003	0,011	0,112	FALSE
0,222	0,267	0,008	0,010	0,331	FALSE

0,138	0,290	0,007	0,013	0,243	FALSE
-0,103	0,278	-0,004	0,012	0,132	FALSE
-0,161	0,280	-0,007	0,012	0,267	FALSE
-0,100	0,285	-0,004	0,013	0,139	FALSE
0,242	0,286	0,009	0,011	0,374	FALSE
0,030	0,296	0,001	0,008	0,046	FALSE
-0,095	0,274	-0,002	0,007	0,114	FALSE
0,038	0,287	0,000	0,008	0,014	FALSE
0,004	0,283	0,002	0,011	0,076	FALSE
0,128	0,294	0,003	0,010	0,106	FALSE
0,085	0,291	0,003	0,008	0,159	FALSE
0,017	0,282	0,000	0,009	0,019	FALSE
-0,078	0,295	-0,002	0,012	0,054	FALSE
-0,064	0,297	-0,001	0,013	0,032	FALSE
-0,008	0,284	-0,002	0,010	0,071	FALSE
-0,021	0,280	0,002	0,010	0,082	FALSE
-0,055	0,296	-0,002	0,009	0,092	FALSE
-0,047	0,274	-0,002	0,010	0,073	FALSE
-0,027	0,289	-0,001	0,008	0,032	FALSE
0,095	0,273	0,002	0,008	0,072	FALSE
0,088	0,278	0,001	0,008	0,047	FALSE
0,140	0,281	0,004	0,006	0,246	FALSE
0,024	0,290	0,002	0,012	0,058	FALSE
0,019	0,294	0,002	0,013	0,042	FALSE
0,024	0,295	0,001	0,013	0,041	FALSE
0,032	0,296	0,000	0,008	0,021	FALSE
0,005	0,290	0,000	0,008	0,011	FALSE
-0,058	0,281	-0,002	0,011	0,062	FALSE
-0,068	0,294	-0,002	0,011	0,079	FALSE
-0,020	0,280	-0,001	0,009	0,054	FALSE
0,126	0,294	0,004	0,009	0,166	FALSE
-0,112	0,290	-0,002	0,007	0,110	FALSE
-0,052	0,295	-0,002	0,011	0,073	FALSE
0,012	0,283	0,000	0,007	0,011	FALSE
-0,092	0,302	-0,003	0,012	0,096	FALSE
-0,227	0,278	-0,008	0,010	0,351	FALSE
-0,041	0,292	-0,002	0,013	0,064	FALSE
0,086	0,290	0,002	0,009	0,090	FALSE
-0,044	0,282	-0,003	0,012	0,078	FALSE
0,041	0,306	0,001	0,010	0,032	FALSE
0,160	0,281	0,004	0,007	0,219	FALSE
-0,051	0,296	-0,001	0,011	0,031	FALSE
0,010	0,292	0,002	0,009	0,063	FALSE
-0,126	0,289	-0,003	0,007	0,180	FALSE
-0,066	0,293	-0,002	0,010	0,097	FALSE
-0,065	0,272	-0,003	0,011	0,085	FALSE
-0,048	0,286	-0,003	0,013	0,097	FALSE
-0,001	0,295	-0,002	0,013	0,053	FALSE
-0,002	0,279	-0,001	0,012	0,020	FALSE
-0,007	0,278	0,000	0,007	0,002	FALSE
0,008	0,278	-0,001	0,013	0,026	FALSE
-0,183	0,284	-0,005	0,009	0,248	FALSE
0,120	0,277	0,003	0,011	0,101	FALSE

0,051	0,294	0,001	0,013	0,024	FALSE
0,028	0,282	0,001	0,006	0,044	FALSE
0,120	0,285	0,003	0,013	0,087	FALSE
0,001	0,300	0,001	0,009	0,025	FALSE
-0,077	0,294	-0,002	0,008	0,104	FALSE
0,033	0,287	0,001	0,012	0,033	FALSE
0,049	0,295	0,002	0,012	0,051	FALSE
0,195	0,276	0,006	0,008	0,346	FALSE
-0,057	0,283	-0,001	0,007	0,034	FALSE
0,163	0,290	0,008	0,013	0,271	FALSE
0,057	0,294	0,000	0,012	0,014	FALSE
0,043	0,283	0,000	0,007	0,023	FALSE
-0,113	0,288	-0,002	0,006	0,130	FALSE
-0,129	0,284	-0,004	0,007	0,220	FALSE
0,082	0,282	0,003	0,010	0,128	FALSE
0,098	0,292	0,003	0,013	0,100	FALSE
-0,044	0,296	-0,002	0,010	0,077	FALSE
0,082	0,294	0,005	0,012	0,159	FALSE
0,079	0,291	0,003	0,008	0,134	FALSE
-0,011	0,290	-0,002	0,009	0,098	FALSE
0,034	0,293	-0,001	0,009	0,030	FALSE
-0,098	0,281	-0,005	0,013	0,159	FALSE
0,054	0,287	0,001	0,008	0,031	FALSE
0,046	0,274	0,004	0,011	0,125	FALSE
-0,112	0,286	-0,006	0,011	0,201	FALSE
-0,007	0,282	0,001	0,007	0,038	FALSE
-0,048	0,292	-0,001	0,008	0,035	FALSE
0,066	0,286	0,002	0,010	0,071	FALSE
-0,052	0,284	-0,001	0,007	0,030	FALSE
0,031	0,292	0,000	0,007	0,023	FALSE
-0,001	0,291	-0,001	0,007	0,032	FALSE
0,014	0,294	0,000	0,008	0,012	FALSE
-0,130	0,291	-0,002	0,007	0,141	FALSE
0,069	0,294	0,002	0,012	0,071	FALSE
-0,085	0,283	-0,004	0,013	0,120	FALSE
-0,019	0,294	-0,001	0,008	0,032	FALSE
0,065	0,296	0,002	0,011	0,076	FALSE
-0,078	0,287	-0,001	0,006	0,082	FALSE
-0,185	0,293	-0,005	0,008	0,277	FALSE
-0,208	0,277	-0,006	0,008	0,327	FALSE
-0,224	0,278	-0,006	0,008	0,377	FALSE
-0,190	0,285	-0,004	0,007	0,286	FALSE
-0,014	0,294	0,000	0,007	0,008	FALSE
-0,138	0,293	-0,003	0,007	0,219	FALSE
-0,048	0,292	-0,001	0,007	0,054	FALSE
0,012	0,288	-0,001	0,009	0,034	FALSE
-0,017	0,288	-0,001	0,008	0,041	FALSE
-0,048	0,293	-0,002	0,007	0,095	FALSE
0,037	0,284	0,000	0,007	0,011	FALSE
0,029	0,299	0,000	0,008	0,003	FALSE
-0,050	0,299	-0,004	0,010	0,148	FALSE
-0,068	0,289	-0,003	0,009	0,115	FALSE
0,124	0,287	0,003	0,008	0,157	FALSE

0,008	0,280	0,002	0,007	0,082	FALSE
0,039	0,284	-0,001	0,008	0,046	FALSE
-0,138	0,285	-0,002	0,009	0,093	FALSE
-0,052	0,282	-0,001	0,006	0,076	FALSE
0,033	0,292	0,001	0,010	0,033	FALSE
0,012	0,288	-0,001	0,009	0,027	FALSE
0,027	0,291	0,000	0,009	0,007	FALSE
0,130	0,292	0,002	0,007	0,125	FALSE
-0,048	0,284	-0,003	0,011	0,088	FALSE
-0,003	0,290	0,000	0,007	0,013	FALSE
0,004	0,288	0,000	0,008	0,016	FALSE
0,033	0,305	0,001	0,012	0,029	FALSE
0,072	0,281	0,002	0,007	0,093	FALSE
0,130	0,276	0,004	0,011	0,143	FALSE
0,045	0,306	0,001	0,013	0,037	FALSE
-0,007	0,290	-0,001	0,013	0,019	FALSE
0,050	0,296	0,002	0,013	0,054	FALSE
-0,004	0,290	0,001	0,012	0,021	FALSE
-0,071	0,304	-0,001	0,011	0,042	FALSE
0,061	0,294	0,002	0,007	0,088	FALSE
-0,090	0,289	-0,002	0,007	0,101	FALSE
0,057	0,287	0,001	0,012	0,039	FALSE
0,041	0,295	0,001	0,007	0,084	FALSE
-0,042	0,291	-0,001	0,007	0,048	FALSE
0,016	0,289	0,000	0,009	0,005	FALSE
0,091	0,307	0,004	0,007	0,204	FALSE
-0,059	0,282	-0,001	0,007	0,058	FALSE
-0,029	0,295	-0,002	0,013	0,071	FALSE
-0,020	0,286	-0,001	0,012	0,042	FALSE
-0,015	0,285	0,001	0,012	0,044	FALSE
-0,071	0,298	-0,001	0,012	0,022	FALSE
-0,083	0,288	-0,002	0,008	0,107	FALSE
0,097	0,302	0,001	0,006	0,059	FALSE
-0,075	0,289	-0,004	0,011	0,134	FALSE
-0,078	0,297	-0,002	0,007	0,116	FALSE
-0,073	0,282	-0,003	0,010	0,109	FALSE
-0,052	0,291	-0,002	0,009	0,068	FALSE
-0,142	0,285	-0,003	0,007	0,178	FALSE
0,274	0,273	0,009	0,009	0,495	FALSE
0,172	0,285	0,004	0,007	0,236	FALSE
0,032	0,304	0,003	0,014	0,072	FALSE
0,041	0,295	0,001	0,013	0,026	FALSE
0,122	0,290	0,003	0,006	0,175	FALSE
0,018	0,306	0,000	0,013	0,013	FALSE
0,004	0,278	0,000	0,012	0,009	FALSE
-0,095	0,279	-0,003	0,007	0,179	FALSE
-0,066	0,297	-0,002	0,013	0,048	FALSE
-0,138	0,276	-0,005	0,009	0,263	FALSE
-0,036	0,288	-0,001	0,012	0,019	FALSE
0,039	0,293	0,001	0,010	0,020	FALSE
0,070	0,285	0,002	0,009	0,060	FALSE
0,040	0,287	0,000	0,012	0,011	FALSE
-0,002	0,298	-0,001	0,007	0,058	FALSE

0,047	0,288	0,002	0,008	0,128	FALSE
0,031	0,288	0,002	0,008	0,108	FALSE
0,038	0,279	0,002	0,007	0,127	FALSE
-0,095	0,281	-0,001	0,007	0,055	FALSE
-0,002	0,299	0,000	0,009	0,002	FALSE
0,043	0,292	0,001	0,012	0,038	FALSE
0,053	0,291	0,000	0,006	0,012	FALSE
-0,032	0,286	0,002	0,013	0,059	FALSE
-0,043	0,301	-0,002	0,013	0,063	FALSE
-0,060	0,288	-0,003	0,012	0,082	FALSE
0,123	0,282	0,002	0,010	0,079	FALSE
0,107	0,294	0,002	0,013	0,056	FALSE
-0,035	0,319	-0,001	0,013	0,040	FALSE
-0,072	0,299	-0,002	0,012	0,065	FALSE
-0,151	0,301	-0,003	0,008	0,175	FALSE
-0,099	0,294	-0,002	0,011	0,053	FALSE
0,034	0,287	0,000	0,013	0,014	FALSE
-0,009	0,283	-0,001	0,008	0,049	FALSE
-0,005	0,292	0,000	0,007	0,019	FALSE
0,019	0,300	-0,001	0,008	0,050	FALSE
-0,186	0,278	-0,005	0,008	0,235	FALSE
0,152	0,292	0,004	0,010	0,174	FALSE
0,004	0,301	0,001	0,007	0,026	FALSE
0,043	0,283	0,003	0,012	0,103	FALSE
-0,035	0,277	-0,001	0,011	0,022	FALSE
0,027	0,290	0,000	0,009	0,002	FALSE
-0,046	0,284	-0,001	0,008	0,070	FALSE
-0,033	0,295	-0,001	0,008	0,052	FALSE
0,003	0,293	-0,001	0,010	0,027	FALSE
-0,110	0,288	-0,007	0,013	0,231	FALSE
-0,064	0,297	-0,003	0,009	0,136	FALSE
-0,163	0,294	-0,006	0,013	0,211	FALSE
0,038	0,288	0,000	0,007	0,017	FALSE
-0,103	0,287	-0,002	0,007	0,088	FALSE
-0,094	0,293	-0,003	0,010	0,123	FALSE
-0,097	0,288	-0,001	0,008	0,059	FALSE
0,116	0,288	0,003	0,013	0,092	FALSE
-0,142	0,286	-0,002	0,007	0,114	FALSE
0,032	0,281	0,001	0,006	0,082	FALSE
0,043	0,281	0,001	0,012	0,021	FALSE
-0,057	0,289	-0,001	0,006	0,089	FALSE
-0,103	0,291	-0,002	0,007	0,109	FALSE
-0,169	0,288	-0,003	0,007	0,151	FALSE
0,176	0,298	0,006	0,011	0,223	FALSE
-0,169	0,290	-0,003	0,007	0,167	FALSE
-0,195	0,288	-0,003	0,007	0,198	FALSE
-0,152	0,286	-0,003	0,007	0,144	FALSE
0,139	0,280	0,003	0,009	0,156	FALSE
-0,018	0,283	-0,001	0,007	0,065	FALSE
-0,005	0,316	0,001	0,013	0,030	FALSE
0,109	0,283	0,002	0,008	0,097	FALSE
-0,004	0,295	-0,001	0,007	0,066	FALSE
0,084	0,277	0,002	0,008	0,119	FALSE

0,035	0,285	0,002	0,011	0,058	FALSE
-0,072	0,287	-0,001	0,007	0,062	FALSE
0,083	0,286	0,002	0,013	0,054	FALSE
0,097	0,285	0,003	0,011	0,086	FALSE
-0,067	0,284	-0,002	0,011	0,057	FALSE
0,044	0,292	0,002	0,010	0,059	FALSE
-0,088	0,290	-0,002	0,012	0,079	FALSE
-0,047	0,289	-0,002	0,008	0,104	FALSE
-0,064	0,286	-0,003	0,012	0,115	FALSE
0,019	0,291	0,001	0,011	0,039	FALSE
-0,081	0,288	-0,002	0,008	0,091	FALSE
0,007	0,280	-0,001	0,007	0,065	FALSE
0,109	0,303	0,002	0,009	0,081	FALSE
0,053	0,285	0,001	0,006	0,076	FALSE
-0,186	0,274	-0,007	0,010	0,333	FALSE
-0,044	0,289	-0,003	0,013	0,081	FALSE
-0,141	0,284	-0,003	0,007	0,143	FALSE
-0,004	0,290	0,000	0,012	0,008	FALSE
0,019	0,305	0,000	0,013	0,009	FALSE
-0,030	0,288	-0,001	0,013	0,015	FALSE
0,018	0,302	0,000	0,008	0,003	FALSE
0,028	0,281	0,000	0,007	0,003	FALSE
0,023	0,300	0,000	0,009	0,001	FALSE
-0,059	0,291	-0,003	0,011	0,120	FALSE
0,034	0,290	0,000	0,009	0,019	FALSE
0,037	0,284	0,000	0,007	0,019	FALSE
-0,090	0,285	-0,004	0,010	0,169	FALSE
-0,085	0,290	-0,005	0,013	0,147	FALSE
-0,051	0,290	-0,001	0,012	0,044	FALSE
0,040	0,278	0,000	0,007	0,024	FALSE
-0,135	0,295	-0,004	0,012	0,142	FALSE
-0,063	0,287	-0,002	0,007	0,111	FALSE
-0,065	0,287	-0,002	0,007	0,101	FALSE
-0,057	0,295	0,000	0,007	0,021	FALSE
-0,061	0,291	-0,001	0,009	0,059	FALSE
-0,051	0,284	0,000	0,009	0,019	FALSE
0,029	0,299	0,001	0,007	0,076	FALSE
-0,026	0,286	-0,002	0,012	0,049	FALSE
0,193	0,292	0,007	0,011	0,296	FALSE
0,028	0,286	-0,002	0,009	0,069	FALSE
0,080	0,288	0,003	0,010	0,131	FALSE
0,161	0,288	0,006	0,011	0,233	FALSE
0,006	0,292	-0,001	0,010	0,055	FALSE
-0,119	0,286	-0,002	0,007	0,133	FALSE
0,004	0,279	0,001	0,011	0,030	FALSE
-0,082	0,287	-0,003	0,010	0,119	FALSE
-0,106	0,301	-0,004	0,011	0,139	FALSE
0,157	0,278	0,005	0,010	0,189	FALSE
0,167	0,275	0,008	0,013	0,294	FALSE
0,069	0,290	0,003	0,009	0,146	FALSE
-0,075	0,295	-0,001	0,012	0,043	FALSE
0,089	0,290	0,000	0,007	0,016	FALSE
0,008	0,273	-0,001	0,008	0,070	FALSE

-0,031	0,293	-0,001	0,008	0,031	FALSE
0,043	0,298	0,001	0,006	0,037	FALSE
-0,040	0,288	-0,002	0,013	0,062	FALSE
0,207	0,293	0,008	0,011	0,319	FALSE
-0,013	0,291	0,000	0,007	0,023	FALSE
-0,014	0,290	0,000	0,008	0,019	FALSE
-0,171	0,277	-0,003	0,007	0,161	FALSE
-0,102	0,303	-0,003	0,008	0,135	FALSE
0,159	0,291	0,005	0,010	0,182	FALSE
0,125	0,282	0,005	0,013	0,146	FALSE
-0,007	0,297	0,001	0,010	0,027	FALSE
0,003	0,296	0,000	0,007	0,006	FALSE
-0,033	0,291	0,000	0,008	0,012	FALSE
-0,070	0,290	-0,002	0,009	0,069	FALSE
-0,028	0,296	-0,002	0,012	0,069	FALSE
0,051	0,289	0,001	0,008	0,027	FALSE
0,057	0,291	0,000	0,012	0,003	FALSE
0,045	0,287	0,001	0,011	0,040	FALSE
-0,050	0,287	0,000	0,010	0,006	FALSE
0,008	0,291	0,001	0,013	0,025	FALSE
0,038	0,283	0,000	0,007	0,011	FALSE
-0,047	0,295	-0,001	0,013	0,043	FALSE
0,110	0,286	0,001	0,007	0,076	FALSE
-0,071	0,301	-0,002	0,013	0,048	FALSE
0,013	0,302	0,000	0,008	0,016	FALSE
-0,081	0,290	-0,002	0,008	0,092	FALSE
0,088	0,293	0,003	0,010	0,126	FALSE
-0,047	0,287	-0,003	0,011	0,106	FALSE
0,010	0,293	0,000	0,010	0,009	FALSE
-0,097	0,292	-0,003	0,009	0,121	FALSE
0,182	0,290	0,004	0,008	0,236	FALSE
0,055	0,304	0,003	0,013	0,088	FALSE
0,057	0,291	0,001	0,007	0,045	FALSE
-0,103	0,298	-0,004	0,012	0,135	FALSE
-0,094	0,298	-0,002	0,013	0,065	FALSE
0,014	0,289	0,002	0,012	0,059	FALSE
0,021	0,295	-0,001	0,010	0,045	FALSE
-0,045	0,289	-0,001	0,006	0,034	FALSE
0,035	0,280	0,001	0,009	0,041	FALSE
0,000	0,286	0,000	0,008	0,002	FALSE
0,079	0,284	0,004	0,012	0,134	FALSE
-0,038	0,296	-0,001	0,007	0,075	FALSE
0,143	0,286	0,005	0,010	0,203	FALSE
0,049	0,297	0,002	0,013	0,048	FALSE
-0,007	0,301	-0,001	0,010	0,034	FALSE
0,114	0,282	0,003	0,008	0,171	FALSE
-0,088	0,296	-0,003	0,010	0,119	FALSE
-0,083	0,293	-0,002	0,010	0,084	FALSE
0,065	0,296	0,002	0,009	0,060	FALSE
0,096	0,300	0,002	0,007	0,120	FALSE
0,035	0,294	0,003	0,012	0,078	FALSE
0,069	0,288	0,001	0,007	0,059	FALSE
-0,026	0,280	-0,002	0,007	0,119	FALSE

0,013	0,280	0,000	0,008	0,017	FALSE
0,174	0,273	0,006	0,009	0,314	FALSE
-0,025	0,293	-0,002	0,013	0,067	FALSE
0,023	0,284	-0,001	0,012	0,040	FALSE
-0,046	0,287	-0,001	0,006	0,080	FALSE
0,018	0,296	0,002	0,010	0,073	FALSE
0,021	0,290	0,002	0,010	0,099	FALSE
-0,060	0,302	-0,001	0,011	0,033	FALSE
-0,043	0,293	0,000	0,012	0,015	FALSE
0,091	0,299	0,005	0,012	0,151	FALSE
0,080	0,302	0,001	0,008	0,055	FALSE
-0,142	0,287	-0,004	0,010	0,165	FALSE
-0,037	0,289	-0,002	0,009	0,072	FALSE
0,068	0,293	0,001	0,007	0,047	FALSE
-0,011	0,281	0,000	0,009	0,019	FALSE
0,018	0,297	0,001	0,012	0,027	FALSE
0,150	0,273	0,005	0,010	0,202	FALSE
-0,125	0,280	-0,003	0,011	0,125	FALSE
0,105	0,276	0,003	0,010	0,131	FALSE
-0,003	0,296	0,000	0,012	0,004	FALSE
0,114	0,289	0,002	0,007	0,092	FALSE
0,105	0,304	0,004	0,012	0,133	FALSE
0,091	0,298	0,003	0,010	0,100	FALSE
0,149	0,277	0,007	0,012	0,240	FALSE
-0,081	0,285	-0,005	0,013	0,167	FALSE
0,086	0,276	0,001	0,007	0,053	FALSE
-0,063	0,280	-0,003	0,009	0,105	FALSE
0,044	0,296	0,001	0,013	0,039	FALSE
-0,039	0,289	-0,002	0,012	0,062	FALSE
0,120	0,289	0,002	0,010	0,092	FALSE
-0,020	0,285	0,000	0,008	0,010	FALSE
0,006	0,294	0,000	0,008	0,015	FALSE
-0,046	0,284	-0,002	0,010	0,071	FALSE
-0,045	0,293	-0,002	0,010	0,094	FALSE
-0,036	0,296	-0,002	0,010	0,080	FALSE
-0,024	0,304	-0,002	0,013	0,059	FALSE
0,004	0,295	0,000	0,012	0,001	FALSE
0,011	0,294	0,001	0,012	0,017	FALSE
0,001	0,299	-0,001	0,008	0,035	FALSE
-0,051	0,287	0,000	0,010	0,003	FALSE
-0,037	0,292	0,001	0,012	0,015	FALSE
-0,108	0,278	-0,001	0,008	0,058	FALSE
0,014	0,284	-0,001	0,007	0,044	FALSE
0,129	0,287	0,002	0,009	0,093	FALSE
0,126	0,287	0,002	0,009	0,087	FALSE
0,080	0,295	0,001	0,009	0,051	FALSE
0,125	0,285	0,005	0,013	0,159	FALSE
0,032	0,292	0,001	0,012	0,025	FALSE
0,019	0,290	0,001	0,013	0,040	FALSE
-0,091	0,283	-0,002	0,007	0,097	FALSE
-0,043	0,287	-0,002	0,008	0,115	FALSE
-0,003	0,284	0,001	0,009	0,060	FALSE
-0,144	0,279	-0,006	0,010	0,270	FALSE

0,035	0,284	0,002	0,008	0,099	FALSE
0,082	0,288	0,003	0,008	0,131	FALSE
0,033	0,291	0,001	0,007	0,057	FALSE
0,017	0,290	0,001	0,010	0,017	FALSE
-0,016	0,288	-0,001	0,010	0,029	FALSE
-0,068	0,295	-0,002	0,008	0,091	FALSE
-0,098	0,290	-0,002	0,007	0,112	FALSE
0,024	0,299	-0,001	0,009	0,031	FALSE
0,091	0,290	0,003	0,009	0,158	FALSE
-0,031	0,277	-0,002	0,012	0,051	FALSE
0,087	0,308	0,003	0,012	0,097	FALSE
-0,005	0,287	-0,001	0,008	0,052	FALSE
0,002	0,285	-0,001	0,010	0,032	FALSE
-0,051	0,289	-0,002	0,011	0,081	FALSE
0,101	0,283	0,003	0,012	0,110	FALSE
0,074	0,299	0,003	0,012	0,080	FALSE
0,119	0,285	0,004	0,009	0,189	FALSE
-0,222	0,284	-0,008	0,012	0,269	FALSE
-0,030	0,292	-0,002	0,010	0,057	FALSE
0,104	0,291	0,002	0,008	0,101	FALSE
-0,033	0,296	-0,003	0,012	0,093	FALSE
0,045	0,297	0,003	0,013	0,102	FALSE
0,051	0,291	0,002	0,012	0,071	FALSE
-0,005	0,303	-0,001	0,011	0,026	FALSE
-0,033	0,284	-0,002	0,010	0,056	FALSE
-0,020	0,291	-0,001	0,011	0,042	FALSE
0,022	0,294	0,001	0,012	0,043	FALSE
0,005	0,283	-0,001	0,011	0,022	FALSE
-0,069	0,297	-0,005	0,014	0,134	FALSE
0,000	0,304	-0,002	0,012	0,044	FALSE
-0,050	0,288	-0,001	0,009	0,041	FALSE
-0,040	0,297	-0,001	0,013	0,029	FALSE
-0,011	0,300	0,000	0,013	0,008	FALSE
-0,020	0,299	-0,001	0,007	0,048	FALSE
0,014	0,280	0,000	0,011	0,009	FALSE
-0,053	0,281	0,000	0,007	0,017	FALSE
-0,057	0,290	-0,003	0,010	0,095	FALSE
-0,031	0,284	-0,001	0,008	0,061	FALSE
-0,123	0,287	-0,002	0,007	0,106	FALSE
0,008	0,294	0,001	0,007	0,034	FALSE
0,105	0,288	0,001	0,007	0,035	FALSE
-0,023	0,292	-0,002	0,006	0,091	FALSE
0,019	0,288	0,000	0,009	0,013	FALSE
-0,053	0,302	-0,001	0,013	0,040	FALSE
0,011	0,294	0,000	0,010	0,018	FALSE
0,126	0,274	0,003	0,008	0,160	FALSE
0,131	0,285	0,003	0,007	0,145	FALSE
0,015	0,284	0,000	0,006	0,015	FALSE
-0,031	0,295	-0,001	0,010	0,036	FALSE
-0,024	0,286	-0,001	0,009	0,032	FALSE
-0,021	0,289	0,000	0,009	0,012	FALSE
-0,025	0,290	-0,002	0,010	0,071	FALSE
-0,109	0,292	-0,005	0,013	0,154	FALSE

-0,057	0,282	-0,003	0,009	0,114	FALSE
0,188	0,290	0,006	0,008	0,293	FALSE
0,022	0,303	0,000	0,010	0,017	FALSE
-0,053	0,294	-0,001	0,007	0,073	FALSE
-0,177	0,272	-0,005	0,008	0,267	FALSE
0,172	0,283	0,004	0,011	0,151	FALSE
0,181	0,286	0,005	0,009	0,240	FALSE
-0,023	0,297	0,001	0,012	0,028	FALSE
-0,054	0,303	-0,002	0,013	0,049	FALSE
0,116	0,287	0,005	0,010	0,203	FALSE
0,145	0,291	0,004	0,013	0,109	FALSE
-0,098	0,285	-0,002	0,008	0,105	FALSE
0,102	0,298	0,004	0,011	0,165	FALSE
0,124	0,283	0,003	0,009	0,134	FALSE
-0,025	0,292	-0,001	0,008	0,040	FALSE
0,003	0,303	0,000	0,013	0,005	FALSE
-0,142	0,278	-0,007	0,013	0,218	FALSE
-0,107	0,277	-0,006	0,013	0,201	FALSE
-0,122	0,283	-0,007	0,013	0,232	FALSE
-0,046	0,295	-0,002	0,011	0,068	FALSE
-0,068	0,264	-0,001	0,008	0,037	FALSE
-0,008	0,275	-0,003	0,011	0,101	FALSE
-0,054	0,281	-0,002	0,009	0,065	FALSE
0,036	0,295	0,001	0,008	0,049	FALSE
0,042	0,296	0,000	0,011	0,002	FALSE
-0,020	0,301	-0,001	0,010	0,031	FALSE
-0,075	0,288	-0,001	0,007	0,038	FALSE
-0,039	0,281	-0,001	0,012	0,027	FALSE
-0,064	0,290	-0,002	0,010	0,075	FALSE
-0,006	0,280	0,001	0,009	0,063	FALSE
0,223	0,283	0,006	0,009	0,283	FALSE
0,083	0,278	0,005	0,012	0,165	FALSE
-0,039	0,266	0,000	0,008	0,007	FALSE
-0,088	0,282	-0,002	0,012	0,061	FALSE
-0,090	0,274	-0,004	0,011	0,129	FALSE
0,111	0,286	0,003	0,008	0,169	FALSE
-0,048	0,285	0,000	0,010	0,015	FALSE
-0,057	0,288	-0,002	0,012	0,061	FALSE
0,035	0,285	0,000	0,011	0,008	FALSE
0,112	0,293	0,005	0,011	0,201	FALSE
0,030	0,277	0,002	0,007	0,090	FALSE
-0,109	0,290	-0,005	0,012	0,177	FALSE
0,107	0,277	0,005	0,011	0,191	FALSE
-0,113	0,292	-0,005	0,012	0,157	FALSE
0,028	0,281	0,002	0,007	0,093	FALSE
0,094	0,283	0,005	0,012	0,159	FALSE
-0,129	0,297	-0,006	0,013	0,179	FALSE
-0,032	0,295	-0,002	0,012	0,066	FALSE
0,054	0,296	0,001	0,008	0,036	FALSE
-0,041	0,290	0,000	0,008	0,010	FALSE
0,064	0,289	0,000	0,009	0,015	FALSE
-0,007	0,298	0,001	0,008	0,053	FALSE
0,143	0,293	0,004	0,007	0,222	FALSE

0,112	0,288	0,002	0,010	0,063	FALSE
0,083	0,287	0,000	0,006	0,017	FALSE
0,196	0,271	0,006	0,011	0,226	FALSE
-0,062	0,297	-0,003	0,012	0,112	FALSE
0,110	0,293	0,002	0,007	0,086	FALSE
0,044	0,290	0,001	0,007	0,037	FALSE
-0,037	0,289	-0,001	0,007	0,057	FALSE
-0,084	0,274	0,000	0,011	0,000	FALSE
0,031	0,293	0,001	0,006	0,091	FALSE
0,006	0,287	0,001	0,006	0,051	FALSE
-0,109	0,291	-0,003	0,011	0,098	FALSE
-0,144	0,287	-0,003	0,006	0,203	FALSE
0,147	0,282	0,007	0,013	0,231	FALSE
-0,037	0,304	-0,001	0,008	0,046	FALSE
0,175	0,281	0,006	0,013	0,195	FALSE
-0,048	0,295	-0,002	0,007	0,091	FALSE
0,067	0,289	0,001	0,007	0,065	FALSE
-0,001	0,291	0,001	0,008	0,045	FALSE
0,056	0,286	0,001	0,007	0,075	FALSE
0,087	0,289	0,002	0,009	0,076	FALSE
-0,074	0,292	-0,002	0,007	0,129	FALSE
-0,068	0,291	-0,004	0,011	0,128	FALSE
-0,014	0,287	-0,001	0,011	0,040	FALSE
0,007	0,285	0,000	0,007	0,006	FALSE
0,054	0,300	0,001	0,007	0,034	FALSE
-0,191	0,272	-0,005	0,008	0,278	FALSE
-0,067	0,297	-0,003	0,009	0,117	FALSE
-0,001	0,289	0,000	0,007	0,009	FALSE
0,043	0,300	0,000	0,007	0,017	FALSE
-0,237	0,287	-0,008	0,013	0,278	FALSE
-0,077	0,273	-0,002	0,010	0,070	FALSE
-0,091	0,280	-0,003	0,012	0,091	FALSE
0,164	0,287	0,004	0,008	0,209	FALSE
-0,020	0,297	0,000	0,008	0,004	FALSE
-0,122	0,288	-0,002	0,007	0,085	FALSE
-0,143	0,282	-0,003	0,007	0,209	FALSE
-0,054	0,283	-0,002	0,009	0,091	FALSE
0,038	0,299	0,000	0,007	0,011	FALSE
-0,098	0,296	-0,003	0,011	0,104	FALSE
-0,104	0,295	-0,005	0,012	0,158	FALSE
0,044	0,291	0,001	0,008	0,045	FALSE
-0,019	0,304	-0,001	0,013	0,018	FALSE
0,041	0,286	0,002	0,009	0,110	FALSE
0,037	0,297	0,003	0,009	0,139	FALSE
0,080	0,296	0,003	0,013	0,081	FALSE
0,084	0,294	0,003	0,013	0,084	FALSE
0,047	0,295	0,002	0,013	0,056	FALSE
0,077	0,283	0,003	0,008	0,131	FALSE
0,021	0,287	0,000	0,013	0,004	FALSE
-0,072	0,279	-0,002	0,012	0,060	FALSE
0,027	0,292	0,001	0,008	0,069	FALSE
-0,078	0,288	-0,003	0,011	0,124	FALSE
0,179	0,295	0,006	0,011	0,220	FALSE

-0,025	0,275	-0,005	0,011	0,180	FALSE
0,051	0,285	0,000	0,012	0,004	FALSE
0,070	0,290	0,004	0,011	0,124	FALSE
-0,072	0,285	-0,003	0,013	0,083	FALSE
-0,085	0,291	-0,003	0,013	0,102	FALSE
-0,040	0,287	-0,003	0,009	0,132	FALSE
-0,048	0,282	-0,001	0,009	0,040	FALSE
0,167	0,279	0,006	0,007	0,382	FALSE
0,092	0,293	0,004	0,008	0,215	FALSE
0,060	0,290	0,001	0,010	0,041	FALSE
0,042	0,294	0,002	0,011	0,082	FALSE
-0,114	0,285	-0,004	0,010	0,173	FALSE
-0,037	0,289	-0,001	0,008	0,054	FALSE
-0,104	0,289	-0,003	0,007	0,163	FALSE
-0,102	0,290	-0,005	0,012	0,171	FALSE
0,059	0,277	0,001	0,008	0,034	FALSE
-0,047	0,299	-0,001	0,010	0,038	FALSE
-0,051	0,288	-0,001	0,006	0,087	FALSE
0,053	0,299	0,002	0,011	0,066	FALSE
0,080	0,292	0,003	0,009	0,115	FALSE
-0,060	0,293	-0,002	0,013	0,070	FALSE
0,145	0,293	0,004	0,010	0,149	FALSE
0,025	0,300	0,001	0,012	0,018	FALSE
0,109	0,289	0,005	0,012	0,168	FALSE
0,083	0,276	0,003	0,008	0,174	FALSE
-0,103	0,295	-0,004	0,009	0,168	FALSE
-0,050	0,293	-0,002	0,007	0,138	FALSE
0,077	0,288	0,002	0,012	0,074	FALSE
0,005	0,300	0,002	0,009	0,072	FALSE
0,078	0,282	0,002	0,006	0,148	FALSE
-0,013	0,286	0,000	0,007	0,020	FALSE
-0,046	0,282	-0,001	0,011	0,030	FALSE
-0,190	0,282	-0,006	0,011	0,265	FALSE
-0,126	0,267	-0,003	0,007	0,166	FALSE
0,038	0,285	0,004	0,013	0,115	FALSE
-0,103	0,286	-0,007	0,013	0,231	FALSE
-0,056	0,284	0,000	0,008	0,013	FALSE
0,031	0,279	0,001	0,007	0,050	FALSE
0,025	0,288	0,001	0,006	0,047	FALSE
-0,029	0,295	-0,001	0,008	0,069	FALSE
0,010	0,287	0,000	0,007	0,019	FALSE
0,026	0,286	0,000	0,008	0,012	FALSE
-0,105	0,288	-0,005	0,011	0,167	FALSE
-0,007	0,298	0,000	0,008	0,019	FALSE
0,005	0,284	0,000	0,008	0,007	FALSE
0,042	0,293	0,001	0,011	0,018	FALSE
0,070	0,292	0,002	0,012	0,071	FALSE
-0,017	0,293	0,000	0,006	0,009	FALSE
-0,159	0,276	-0,004	0,011	0,130	FALSE
0,089	0,275	0,002	0,007	0,090	FALSE
0,085	0,302	0,002	0,009	0,064	FALSE
-0,024	0,287	0,000	0,008	0,019	FALSE
-0,092	0,295	-0,004	0,012	0,138	FALSE

0,036	0,293	0,001	0,011	0,025	FALSE
-0,047	0,301	0,000	0,008	0,009	FALSE
-0,005	0,287	0,000	0,008	0,019	FALSE
-0,044	0,290	-0,001	0,010	0,052	FALSE
-0,117	0,300	-0,002	0,007	0,137	FALSE
0,011	0,307	0,000	0,008	0,001	FALSE
-0,021	0,275	-0,002	0,011	0,071	FALSE
-0,028	0,276	0,001	0,009	0,024	FALSE
-0,057	0,276	-0,001	0,008	0,027	FALSE
0,125	0,293	0,003	0,007	0,177	FALSE
-0,093	0,285	-0,001	0,011	0,039	FALSE
-0,061	0,287	-0,001	0,011	0,031	FALSE
0,047	0,299	0,001	0,012	0,031	FALSE
-0,002	0,277	0,000	0,006	0,021	FALSE
0,099	0,286	0,006	0,012	0,215	FALSE
0,018	0,289	0,001	0,008	0,049	FALSE
-0,052	0,288	0,000	0,007	0,013	FALSE
-0,095	0,279	-0,003	0,008	0,164	FALSE
0,154	0,280	0,003	0,008	0,141	FALSE
-0,107	0,289	-0,004	0,012	0,115	FALSE
-0,046	0,291	-0,001	0,012	0,022	FALSE
-0,050	0,277	-0,001	0,012	0,039	FALSE
-0,055	0,297	-0,001	0,012	0,015	FALSE
0,070	0,290	0,002	0,008	0,091	FALSE
-0,044	0,286	0,000	0,006	0,001	FALSE
-0,099	0,283	-0,005	0,012	0,186	FALSE
0,202	0,304	0,004	0,008	0,197	FALSE
-0,028	0,287	0,000	0,008	0,003	FALSE
0,035	0,293	0,000	0,010	0,004	FALSE
-0,016	0,290	0,002	0,012	0,049	FALSE
-0,027	0,292	0,000	0,007	0,020	FALSE
-0,050	0,287	-0,001	0,008	0,043	FALSE
-0,023	0,291	0,000	0,008	0,001	FALSE
-0,118	0,285	-0,005	0,011	0,172	FALSE
0,029	0,283	0,001	0,009	0,035	FALSE
0,036	0,288	0,001	0,008	0,056	FALSE
-0,006	0,292	0,000	0,009	0,009	FALSE
-0,011	0,274	-0,002	0,010	0,055	FALSE
-0,089	0,291	-0,002	0,007	0,105	FALSE
0,028	0,303	0,000	0,013	0,007	FALSE
0,123	0,291	0,005	0,011	0,169	FALSE
0,039	0,283	0,001	0,008	0,055	FALSE
0,062	0,293	0,001	0,007	0,084	FALSE
-0,028	0,284	-0,001	0,012	0,041	FALSE
-0,060	0,288	-0,003	0,012	0,088	FALSE
0,126	0,278	0,003	0,007	0,159	FALSE
0,029	0,304	0,001	0,006	0,052	FALSE
0,173	0,286	0,005	0,008	0,283	FALSE
0,022	0,296	0,000	0,011	0,011	FALSE
0,032	0,277	0,001	0,007	0,076	FALSE
-0,037	0,297	-0,002	0,007	0,092	FALSE
0,036	0,294	0,001	0,009	0,044	FALSE
0,041	0,296	0,001	0,009	0,039	FALSE

0,053	0,276	0,001	0,009	0,050	FALSE
0,147	0,293	0,006	0,011	0,224	FALSE
0,150	0,288	0,006	0,011	0,233	FALSE
0,189	0,276	0,007	0,010	0,326	FALSE
-0,001	0,287	0,001	0,009	0,036	FALSE
-0,001	0,294	0,000	0,007	0,008	FALSE
0,022	0,300	0,001	0,008	0,035	FALSE
0,076	0,282	0,001	0,007	0,029	FALSE
-0,062	0,275	-0,002	0,006	0,115	FALSE
0,003	0,295	0,000	0,008	0,010	FALSE
0,038	0,287	0,000	0,011	0,013	FALSE
-0,057	0,288	-0,002	0,007	0,135	FALSE
0,068	0,299	0,002	0,012	0,058	FALSE
-0,028	0,277	-0,001	0,010	0,052	FALSE
-0,005	0,283	0,000	0,013	0,007	FALSE
-0,077	0,288	-0,003	0,011	0,118	FALSE
-0,156	0,278	-0,003	0,006	0,206	FALSE
-0,036	0,279	-0,002	0,007	0,100	FALSE
-0,033	0,282	0,000	0,009	0,017	FALSE
-0,068	0,286	-0,001	0,012	0,038	FALSE
0,147	0,291	0,004	0,010	0,157	FALSE
0,050	0,290	0,001	0,008	0,032	FALSE
0,010	0,297	0,001	0,008	0,042	FALSE
0,136	0,295	0,004	0,011	0,148	FALSE
0,047	0,309	0,001	0,009	0,027	FALSE
0,027	0,306	0,000	0,009	0,002	FALSE
-0,146	0,282	-0,003	0,006	0,184	FALSE
0,004	0,299	0,000	0,008	0,003	FALSE
0,007	0,302	0,001	0,007	0,029	FALSE
-0,026	0,289	-0,001	0,012	0,029	FALSE
0,026	0,295	0,000	0,007	0,005	FALSE
-0,044	0,282	-0,001	0,008	0,054	FALSE
0,002	0,280	0,000	0,010	0,016	FALSE
0,017	0,287	0,001	0,008	0,029	FALSE
-0,047	0,272	-0,001	0,009	0,038	FALSE
-0,032	0,281	0,000	0,006	0,002	FALSE
-0,105	0,305	-0,003	0,007	0,147	FALSE
0,061	0,286	0,000	0,007	0,011	FALSE
0,078	0,304	0,000	0,013	0,009	FALSE
-0,024	0,309	-0,002	0,010	0,059	FALSE
0,146	0,294	0,003	0,008	0,176	FALSE
-0,103	0,285	-0,002	0,009	0,094	FALSE
-0,016	0,287	-0,001	0,009	0,038	FALSE
-0,024	0,302	0,000	0,011	0,015	FALSE
-0,056	0,289	-0,002	0,013	0,066	FALSE
-0,043	0,288	0,000	0,008	0,018	FALSE
-0,105	0,285	-0,003	0,006	0,166	FALSE
-0,075	0,293	-0,002	0,011	0,051	FALSE
0,063	0,297	0,002	0,011	0,081	FALSE
-0,038	0,303	0,000	0,011	0,013	FALSE
-0,096	0,280	-0,003	0,006	0,162	FALSE
-0,071	0,296	-0,002	0,007	0,105	FALSE
0,040	0,290	0,001	0,006	0,073	FALSE

-0,021	0,308	-0,001	0,007	0,039	FALSE
-0,179	0,270	-0,005	0,009	0,217	FALSE
0,126	0,291	0,002	0,007	0,136	FALSE
-0,053	0,284	-0,004	0,011	0,125	FALSE
0,066	0,270	0,003	0,012	0,084	FALSE
0,077	0,301	0,001	0,008	0,066	FALSE
-0,136	0,277	-0,004	0,011	0,151	FALSE
-0,130	0,298	-0,004	0,007	0,212	FALSE
-0,144	0,284	-0,003	0,009	0,107	FALSE
-0,007	0,292	0,001	0,007	0,052	FALSE
0,177	0,286	0,006	0,013	0,177	FALSE
0,186	0,277	0,006	0,012	0,201	FALSE
-0,044	0,289	0,000	0,007	0,023	FALSE
0,050	0,299	0,002	0,012	0,052	FALSE
-0,042	0,289	-0,002	0,007	0,092	FALSE
0,066	0,283	0,003	0,011	0,108	FALSE
0,067	0,276	0,005	0,013	0,155	FALSE
-0,007	0,287	0,002	0,012	0,071	FALSE
-0,005	0,305	0,000	0,008	0,015	FALSE
-0,087	0,293	-0,004	0,009	0,168	FALSE
-0,132	0,275	-0,002	0,008	0,115	FALSE
0,059	0,290	0,004	0,013	0,110	FALSE
-0,054	0,287	-0,002	0,009	0,071	FALSE
-0,152	0,259	-0,003	0,006	0,165	FALSE
0,065	0,297	0,001	0,006	0,035	FALSE
-0,168	0,294	-0,004	0,007	0,229	FALSE
0,073	0,276	0,000	0,007	0,017	FALSE
0,070	0,269	0,002	0,006	0,121	FALSE
-0,036	0,278	-0,003	0,009	0,152	FALSE
0,018	0,287	0,000	0,011	0,012	FALSE
-0,032	0,308	-0,002	0,012	0,063	FALSE
0,013	0,295	0,000	0,013	0,009	FALSE
0,077	0,289	0,001	0,013	0,041	FALSE
-0,058	0,285	0,000	0,011	0,014	FALSE
0,030	0,288	0,001	0,006	0,062	FALSE
-0,024	0,286	0,000	0,006	0,005	FALSE
-0,154	0,291	-0,005	0,011	0,191	FALSE
-0,086	0,287	-0,001	0,008	0,065	FALSE
0,054	0,278	0,001	0,007	0,083	FALSE
0,062	0,297	0,002	0,009	0,099	FALSE
-0,063	0,281	-0,001	0,008	0,035	FALSE
0,040	0,298	0,004	0,012	0,129	FALSE
0,076	0,283	0,000	0,008	0,005	FALSE
0,022	0,299	0,001	0,007	0,064	FALSE
0,031	0,299	0,001	0,010	0,029	FALSE
-0,159	0,280	-0,003	0,006	0,175	FALSE
-0,061	0,291	-0,005	0,013	0,141	FALSE
0,052	0,290	0,001	0,007	0,046	FALSE
0,127	0,287	0,003	0,007	0,220	FALSE
0,016	0,278	0,000	0,009	0,005	FALSE
-0,047	0,292	-0,001	0,007	0,025	FALSE
0,025	0,291	0,002	0,010	0,062	FALSE
0,007	0,292	0,000	0,007	0,022	FALSE

-0,044	0,290	-0,001	0,009	0,034	FALSE
-0,064	0,283	-0,002	0,012	0,076	FALSE
-0,020	0,301	0,000	0,013	0,007	FALSE
-0,014	0,292	-0,001	0,012	0,028	FALSE
0,151	0,280	0,006	0,013	0,192	FALSE
0,067	0,287	0,001	0,008	0,030	FALSE
0,059	0,308	0,002	0,008	0,074	FALSE
-0,040	0,286	0,000	0,006	0,022	FALSE
-0,113	0,286	-0,003	0,011	0,108	FALSE
-0,029	0,289	-0,001	0,008	0,049	FALSE
-0,093	0,299	-0,002	0,008	0,119	FALSE
0,133	0,294	0,002	0,007	0,100	FALSE
0,086	0,293	0,003	0,012	0,083	FALSE
0,095	0,278	0,002	0,007	0,094	FALSE
-0,060	0,291	-0,001	0,008	0,039	FALSE
-0,047	0,287	-0,002	0,009	0,080	FALSE
-0,149	0,278	-0,004	0,010	0,162	FALSE
0,091	0,285	0,003	0,007	0,156	FALSE
-0,110	0,277	-0,001	0,008	0,060	FALSE
0,014	0,278	0,003	0,012	0,083	FALSE
-0,062	0,278	-0,002	0,008	0,104	FALSE
0,051	0,296	0,000	0,009	0,002	FALSE
-0,162	0,296	-0,006	0,012	0,238	FALSE
0,011	0,292	0,001	0,010	0,033	FALSE
0,128	0,295	0,002	0,008	0,116	FALSE
-0,080	0,290	0,000	0,013	0,009	FALSE
-0,058	0,291	-0,001	0,007	0,076	FALSE
-0,010	0,288	0,000	0,008	0,014	FALSE
-0,078	0,284	-0,003	0,009	0,143	FALSE
0,000	0,296	-0,001	0,012	0,029	FALSE
-0,134	0,284	-0,008	0,013	0,273	FALSE
-0,103	0,295	-0,004	0,011	0,170	FALSE
0,004	0,289	-0,001	0,007	0,038	FALSE
-0,020	0,295	-0,002	0,012	0,059	FALSE
0,088	0,286	0,002	0,010	0,070	FALSE
-0,046	0,285	-0,001	0,012	0,028	FALSE
-0,095	0,294	-0,001	0,008	0,051	FALSE
-0,061	0,303	-0,003	0,010	0,133	FALSE
-0,042	0,295	-0,003	0,010	0,103	FALSE
-0,007	0,292	0,002	0,009	0,068	FALSE
0,020	0,293	0,002	0,011	0,070	FALSE
0,136	0,287	0,004	0,008	0,219	FALSE
0,064	0,301	0,002	0,007	0,109	FALSE
-0,084	0,277	-0,002	0,006	0,158	FALSE
-0,020	0,289	0,000	0,008	0,012	FALSE
-0,015	0,286	0,000	0,008	0,003	FALSE
0,051	0,289	0,001	0,007	0,027	FALSE
-0,014	0,278	0,001	0,007	0,028	FALSE
-0,095	0,295	-0,001	0,013	0,029	FALSE
0,023	0,284	0,002	0,009	0,078	FALSE
0,089	0,311	0,002	0,008	0,089	FALSE
0,155	0,285	0,004	0,007	0,250	FALSE
0,062	0,298	0,001	0,008	0,067	FALSE

0,146	0,288	0,003	0,008	0,186	FALSE
0,104	0,286	0,006	0,013	0,171	FALSE
-0,003	0,275	0,000	0,012	0,001	FALSE
-0,022	0,297	0,000	0,007	0,005	FALSE
0,044	0,288	0,001	0,007	0,067	FALSE
-0,116	0,291	-0,003	0,007	0,193	FALSE
0,004	0,292	0,000	0,006	0,019	FALSE
0,080	0,281	0,001	0,008	0,026	FALSE
0,042	0,283	0,002	0,008	0,082	FALSE
-0,064	0,287	-0,002	0,007	0,108	FALSE
-0,001	0,288	-0,001	0,009	0,024	FALSE
0,044	0,291	0,001	0,008	0,045	FALSE
0,043	0,290	0,000	0,007	0,015	FALSE
-0,028	0,291	0,000	0,011	0,011	FALSE
-0,062	0,287	-0,001	0,009	0,057	FALSE
-0,100	0,285	-0,002	0,006	0,120	FALSE
-0,092	0,284	-0,004	0,012	0,138	FALSE
-0,115	0,282	-0,003	0,007	0,204	FALSE
-0,051	0,285	-0,002	0,010	0,083	FALSE
-0,040	0,292	-0,001	0,012	0,036	FALSE
-0,013	0,296	0,000	0,007	0,002	FALSE
-0,070	0,275	-0,001	0,010	0,042	FALSE
-0,072	0,288	-0,001	0,007	0,059	FALSE
0,139	0,296	0,003	0,009	0,125	FALSE
-0,050	0,290	-0,003	0,012	0,094	FALSE
0,124	0,305	0,002	0,008	0,081	FALSE
0,195	0,289	0,006	0,011	0,228	FALSE
-0,155	0,284	-0,009	0,013	0,302	FALSE
-0,090	0,277	-0,003	0,007	0,159	FALSE
-0,027	0,296	0,000	0,007	0,010	FALSE
-0,137	0,283	-0,003	0,007	0,174	FALSE
0,132	0,284	0,002	0,006	0,160	FALSE
-0,016	0,279	-0,005	0,013	0,143	FALSE
-0,052	0,290	-0,001	0,007	0,059	FALSE
0,230	0,277	0,008	0,008	0,474	FALSE
-0,108	0,300	-0,003	0,008	0,176	FALSE
-0,057	0,287	-0,001	0,010	0,033	FALSE
-0,002	0,279	0,001	0,007	0,070	FALSE
-0,099	0,290	-0,001	0,007	0,086	FALSE
-0,026	0,288	-0,002	0,007	0,093	FALSE
-0,225	0,271	-0,005	0,007	0,300	FALSE
0,093	0,307	0,002	0,008	0,086	FALSE
0,050	0,300	0,000	0,009	0,002	FALSE
0,039	0,289	0,000	0,007	0,001	FALSE
0,071	0,288	0,004	0,011	0,127	FALSE
0,058	0,296	0,003	0,011	0,092	FALSE
-0,061	0,282	-0,001	0,011	0,026	FALSE
-0,057	0,293	-0,002	0,013	0,045	FALSE
-0,048	0,292	-0,001	0,012	0,020	FALSE
-0,164	0,279	-0,003	0,006	0,192	FALSE
-0,023	0,300	-0,001	0,012	0,020	FALSE
0,071	0,280	0,001	0,006	0,076	FALSE
-0,078	0,296	-0,001	0,007	0,059	FALSE

0,047	0,294	0,000	0,007	0,014	FALSE
0,196	0,270	0,006	0,009	0,313	FALSE
-0,084	0,283	-0,003	0,011	0,119	FALSE
0,158	0,293	0,005	0,009	0,261	FALSE
0,194	0,286	0,004	0,007	0,236	FALSE
0,067	0,290	0,002	0,007	0,090	FALSE
-0,194	0,274	-0,008	0,012	0,293	FALSE
-0,154	0,276	-0,007	0,012	0,225	FALSE
0,022	0,302	0,001	0,012	0,023	FALSE
-0,201	0,277	-0,006	0,008	0,358	FALSE
0,092	0,297	0,004	0,013	0,126	FALSE
-0,042	0,281	-0,003	0,010	0,108	FALSE
-0,116	0,303	-0,003	0,009	0,126	FALSE
-0,116	0,301	-0,004	0,009	0,173	FALSE
-0,125	0,286	-0,004	0,009	0,192	FALSE
-0,187	0,284	-0,004	0,007	0,227	FALSE
0,006	0,278	0,003	0,013	0,097	FALSE
0,093	0,289	0,002	0,009	0,096	FALSE
-0,007	0,296	0,000	0,006	0,010	FALSE
-0,131	0,272	-0,004	0,010	0,171	FALSE
-0,106	0,292	-0,006	0,013	0,187	FALSE
-0,163	0,269	-0,008	0,012	0,310	FALSE
0,136	0,297	0,002	0,009	0,094	FALSE
0,141	0,279	0,002	0,011	0,070	FALSE
0,099	0,287	0,002	0,011	0,064	FALSE
0,117	0,297	0,003	0,012	0,107	FALSE
0,120	0,289	0,003	0,011	0,086	FALSE
-0,001	0,308	0,000	0,007	0,003	FALSE
0,148	0,296	0,004	0,010	0,155	FALSE
-0,015	0,289	-0,001	0,009	0,039	FALSE
0,025	0,289	0,001	0,009	0,038	FALSE
0,032	0,280	0,000	0,007	0,002	FALSE
0,016	0,286	0,000	0,013	0,003	FALSE
0,051	0,299	0,004	0,013	0,108	FALSE
0,099	0,293	0,003	0,007	0,177	FALSE
0,088	0,286	0,003	0,007	0,144	FALSE
-0,071	0,288	-0,004	0,013	0,121	FALSE
0,205	0,289	0,005	0,007	0,298	FALSE
-0,163	0,275	-0,008	0,012	0,291	FALSE
0,050	0,295	0,001	0,010	0,034	FALSE
-0,008	0,297	0,000	0,009	0,017	FALSE
0,003	0,288	0,000	0,012	0,010	FALSE
-0,038	0,282	0,000	0,006	0,006	FALSE
-0,098	0,290	-0,003	0,007	0,148	FALSE
0,113	0,279	0,004	0,009	0,149	FALSE
0,025	0,270	-0,001	0,010	0,024	FALSE
-0,038	0,290	-0,002	0,007	0,086	FALSE
-0,068	0,275	-0,003	0,009	0,145	FALSE
0,023	0,276	0,000	0,011	0,005	FALSE
0,016	0,286	0,000	0,013	0,003	FALSE
0,145	0,308	0,005	0,011	0,196	FALSE
0,028	0,293	0,001	0,008	0,059	FALSE
-0,074	0,296	-0,003	0,008	0,119	FALSE

0,083	0,293	0,001	0,008	0,035	FALSE
0,049	0,291	0,004	0,012	0,143	FALSE
-0,069	0,291	-0,001	0,010	0,050	FALSE
-0,022	0,285	-0,002	0,012	0,070	FALSE
0,088	0,278	0,004	0,011	0,141	FALSE
0,076	0,283	0,002	0,006	0,127	FALSE
-0,064	0,302	-0,002	0,012	0,065	FALSE
0,004	0,286	0,001	0,010	0,025	FALSE
0,066	0,290	0,001	0,007	0,071	FALSE
0,001	0,288	-0,001	0,007	0,061	FALSE
-0,065	0,298	-0,001	0,008	0,061	FALSE
0,178	0,297	0,004	0,007	0,257	FALSE
0,047	0,276	0,003	0,012	0,105	FALSE
-0,119	0,288	-0,005	0,012	0,160	FALSE
-0,119	0,301	-0,003	0,009	0,119	FALSE
0,067	0,276	0,001	0,008	0,055	FALSE
-0,031	0,293	-0,002	0,012	0,055	FALSE
-0,050	0,299	-0,001	0,008	0,038	FALSE
-0,080	0,286	-0,002	0,008	0,068	FALSE
-0,079	0,294	-0,001	0,007	0,038	FALSE
-0,012	0,280	-0,001	0,006	0,061	FALSE
0,152	0,295	0,003	0,008	0,165	FALSE
0,109	0,288	0,004	0,010	0,144	FALSE
0,131	0,288	0,005	0,011	0,173	FALSE
0,046	0,292	0,001	0,007	0,029	FALSE
0,074	0,294	0,002	0,010	0,086	FALSE
0,111	0,271	0,006	0,011	0,211	FALSE
0,148	0,281	0,005	0,012	0,152	FALSE
0,073	0,291	0,002	0,008	0,100	FALSE
-0,075	0,281	-0,003	0,006	0,176	FALSE
0,142	0,282	0,003	0,010	0,096	FALSE
-0,083	0,280	-0,002	0,012	0,053	FALSE
-0,080	0,290	-0,002	0,012	0,047	FALSE
0,111	0,280	0,002	0,009	0,108	FALSE
-0,083	0,295	-0,002	0,006	0,130	FALSE
0,104	0,287	0,003	0,010	0,109	FALSE
-0,113	0,289	-0,004	0,011	0,133	FALSE
-0,085	0,285	-0,001	0,006	0,052	FALSE
-0,099	0,292	-0,002	0,007	0,096	FALSE
-0,122	0,294	-0,004	0,010	0,172	FALSE
0,035	0,294	0,001	0,010	0,056	FALSE
-0,053	0,274	0,000	0,007	0,012	FALSE
0,111	0,288	0,004	0,011	0,152	FALSE
0,001	0,295	0,000	0,007	0,013	FALSE
-0,019	0,305	0,001	0,010	0,030	FALSE
-0,029	0,286	0,001	0,010	0,029	FALSE
-0,050	0,285	0,000	0,010	0,000	FALSE
-0,025	0,294	0,001	0,010	0,040	FALSE
-0,014	0,303	0,001	0,011	0,017	FALSE
0,012	0,279	0,001	0,009	0,039	FALSE
0,029	0,285	0,003	0,011	0,114	FALSE
0,045	0,295	0,000	0,012	0,012	FALSE
-0,101	0,296	-0,003	0,008	0,143	FALSE

0,018	0,280	0,001	0,012	0,044	FALSE
0,055	0,284	0,003	0,009	0,108	FALSE
0,085	0,284	0,000	0,011	0,001	FALSE
-0,038	0,300	-0,003	0,012	0,084	FALSE
-0,143	0,283	-0,005	0,010	0,203	FALSE
0,115	0,269	0,001	0,011	0,041	FALSE
0,002	0,296	-0,002	0,009	0,072	FALSE
0,093	0,285	0,002	0,007	0,089	FALSE
-0,066	0,274	-0,001	0,009	0,050	FALSE
-0,081	0,296	-0,001	0,008	0,065	FALSE
-0,136	0,285	-0,003	0,009	0,149	FALSE
0,032	0,286	-0,001	0,007	0,042	FALSE
-0,018	0,282	-0,001	0,006	0,070	FALSE
-0,019	0,279	0,000	0,010	0,018	FALSE
-0,109	0,286	-0,002	0,007	0,124	FALSE
0,176	0,284	0,006	0,011	0,205	FALSE
-0,063	0,289	-0,002	0,010	0,074	FALSE
-0,019	0,280	0,001	0,013	0,032	FALSE
0,090	0,283	0,004	0,010	0,144	FALSE
0,008	0,277	0,001	0,013	0,034	FALSE
0,019	0,286	0,002	0,013	0,058	FALSE
-0,059	0,286	-0,003	0,013	0,101	FALSE
-0,026	0,284	-0,001	0,008	0,068	FALSE
0,009	0,290	0,002	0,013	0,046	FALSE
-0,042	0,282	0,000	0,008	0,000	FALSE
0,036	0,278	0,001	0,013	0,036	FALSE
-0,069	0,278	-0,001	0,006	0,040	FALSE
-0,086	0,295	-0,003	0,009	0,114	FALSE
0,020	0,282	0,002	0,010	0,084	FALSE
-0,089	0,278	-0,003	0,011	0,119	FALSE
0,110	0,306	0,006	0,013	0,213	FALSE
0,018	0,279	0,002	0,012	0,070	FALSE
-0,121	0,294	-0,004	0,010	0,150	FALSE
-0,163	0,297	-0,006	0,011	0,231	FALSE
-0,141	0,296	-0,005	0,011	0,184	FALSE
0,184	0,288	0,003	0,007	0,198	FALSE
0,152	0,277	0,007	0,012	0,267	FALSE
-0,025	0,284	-0,001	0,012	0,018	FALSE
0,040	0,305	0,001	0,011	0,048	FALSE
0,034	0,293	0,002	0,011	0,057	FALSE
-0,113	0,294	-0,004	0,010	0,145	FALSE
-0,097	0,290	-0,003	0,010	0,133	FALSE
-0,004	0,287	0,002	0,009	0,074	FALSE
0,169	0,294	0,003	0,007	0,188	FALSE
-0,073	0,280	-0,001	0,008	0,056	FALSE
-0,054	0,297	-0,002	0,012	0,073	FALSE
-0,047	0,297	-0,002	0,007	0,113	FALSE
-0,011	0,292	0,000	0,012	0,013	FALSE
-0,058	0,286	-0,001	0,006	0,078	FALSE
-0,067	0,287	-0,002	0,012	0,058	FALSE
0,160	0,272	0,008	0,013	0,289	FALSE
0,014	0,286	0,001	0,007	0,030	FALSE
0,009	0,282	0,000	0,008	0,005	FALSE

0,009	0,302	0,000	0,008	0,013	FALSE
0,097	0,295	0,001	0,007	0,076	FALSE
-0,063	0,288	-0,001	0,010	0,046	FALSE
-0,025	0,279	-0,001	0,008	0,052	FALSE
0,047	0,283	0,003	0,013	0,102	FALSE
0,065	0,293	0,002	0,007	0,100	FALSE
0,044	0,289	0,002	0,009	0,080	FALSE
-0,002	0,290	0,000	0,011	0,012	FALSE
-0,009	0,304	0,000	0,007	0,018	FALSE
0,034	0,290	0,001	0,010	0,038	FALSE
0,098	0,295	0,004	0,013	0,134	FALSE
0,053	0,288	0,002	0,011	0,057	FALSE
0,040	0,288	0,002	0,012	0,065	FALSE
0,003	0,290	-0,001	0,013	0,036	FALSE
-0,043	0,280	0,000	0,009	0,017	FALSE
-0,083	0,281	-0,001	0,009	0,033	FALSE
-0,156	0,300	-0,008	0,012	0,303	FALSE
-0,094	0,287	-0,003	0,011	0,104	FALSE
-0,041	0,293	0,000	0,010	0,001	FALSE
-0,062	0,294	-0,003	0,012	0,090	FALSE
-0,168	0,284	-0,004	0,007	0,252	FALSE
-0,054	0,292	-0,002	0,009	0,066	FALSE
-0,075	0,290	-0,002	0,007	0,077	FALSE
0,025	0,300	0,002	0,012	0,057	FALSE
-0,043	0,291	-0,001	0,007	0,037	FALSE
-0,064	0,296	-0,003	0,013	0,082	FALSE
0,074	0,291	0,003	0,012	0,104	FALSE
-0,018	0,292	-0,001	0,012	0,034	FALSE
-0,073	0,287	-0,004	0,011	0,131	FALSE
0,014	0,287	0,000	0,009	0,001	FALSE
-0,042	0,290	-0,003	0,009	0,127	FALSE
0,004	0,286	-0,001	0,008	0,030	FALSE
0,102	0,278	0,003	0,012	0,097	FALSE
-0,051	0,284	-0,001	0,008	0,056	FALSE
0,021	0,281	0,000	0,007	0,008	FALSE
-0,035	0,294	-0,001	0,007	0,054	FALSE
-0,076	0,290	-0,002	0,007	0,106	FALSE
-0,053	0,289	-0,002	0,013	0,070	FALSE
-0,001	0,287	0,000	0,009	0,012	FALSE
0,192	0,284	0,004	0,006	0,254	FALSE
-0,004	0,286	-0,001	0,010	0,031	FALSE
-0,237	0,278	-0,006	0,008	0,340	FALSE
0,061	0,297	0,001	0,007	0,053	FALSE
0,049	0,296	0,002	0,008	0,108	FALSE
-0,133	0,278	-0,003	0,008	0,163	FALSE
0,094	0,294	0,004	0,013	0,122	FALSE
-0,051	0,286	-0,002	0,009	0,093	FALSE
0,169	0,275	0,004	0,007	0,251	FALSE
-0,182	0,286	-0,007	0,009	0,325	FALSE
0,023	0,292	0,000	0,007	0,020	FALSE
0,013	0,269	-0,003	0,011	0,097	FALSE
-0,001	0,294	-0,002	0,012	0,060	FALSE
0,053	0,298	0,001	0,007	0,043	FALSE

-0,040	0,296	-0,002	0,012	0,046	FALSE
-0,088	0,291	-0,001	0,006	0,046	FALSE
0,045	0,292	0,002	0,010	0,065	FALSE
-0,007	0,289	0,000	0,007	0,007	FALSE
0,092	0,302	0,003	0,010	0,111	FALSE
-0,153	0,300	-0,005	0,011	0,204	FALSE
-0,125	0,297	-0,002	0,007	0,133	FALSE
0,177	0,270	0,003	0,007	0,152	FALSE
0,104	0,299	0,003	0,007	0,157	FALSE
-0,036	0,285	-0,001	0,012	0,024	FALSE
0,044	0,294	0,002	0,008	0,094	FALSE
-0,186	0,286	-0,004	0,008	0,250	FALSE
-0,070	0,281	-0,003	0,012	0,096	FALSE
-0,017	0,309	-0,002	0,007	0,085	FALSE
-0,047	0,297	-0,001	0,009	0,024	FALSE
-0,140	0,279	-0,007	0,012	0,249	FALSE
-0,023	0,276	0,000	0,010	0,018	FALSE
-0,053	0,280	-0,002	0,012	0,069	FALSE
-0,003	0,301	-0,001	0,010	0,030	FALSE
0,003	0,302	0,000	0,010	0,014	FALSE
0,025	0,305	0,000	0,009	0,008	FALSE
0,084	0,295	0,002	0,006	0,097	FALSE
0,020	0,290	0,000	0,012	0,010	FALSE
0,037	0,294	0,001	0,013	0,032	FALSE
-0,041	0,284	-0,001	0,007	0,034	FALSE
-0,058	0,291	-0,002	0,007	0,088	FALSE
0,018	0,290	0,000	0,011	0,003	FALSE
0,084	0,271	0,003	0,010	0,135	FALSE
0,155	0,272	0,003	0,006	0,199	FALSE
-0,084	0,283	-0,002	0,008	0,121	FALSE
0,108	0,287	0,003	0,006	0,181	FALSE
-0,089	0,296	-0,002	0,010	0,073	FALSE
-0,055	0,283	-0,001	0,008	0,070	FALSE
-0,057	0,302	-0,002	0,010	0,065	FALSE
-0,018	0,286	-0,002	0,012	0,066	FALSE
-0,055	0,293	-0,003	0,012	0,076	FALSE
-0,067	0,282	-0,003	0,011	0,091	FALSE
0,032	0,303	0,001	0,007	0,059	FALSE
-0,053	0,284	-0,003	0,012	0,085	FALSE
0,027	0,288	0,001	0,013	0,033	FALSE
-0,076	0,291	-0,002	0,008	0,075	FALSE
-0,057	0,283	-0,001	0,010	0,020	FALSE
0,151	0,279	0,003	0,008	0,152	FALSE
-0,101	0,289	-0,003	0,008	0,179	FALSE
-0,037	0,284	-0,001	0,013	0,034	FALSE
0,004	0,306	0,000	0,013	0,008	FALSE
-0,059	0,283	-0,001	0,008	0,070	FALSE
0,059	0,292	0,001	0,008	0,050	FALSE
0,001	0,294	0,002	0,013	0,043	FALSE
-0,014	0,288	0,000	0,006	0,029	FALSE
0,014	0,297	-0,002	0,010	0,064	FALSE
0,034	0,288	0,002	0,007	0,091	FALSE
0,142	0,293	0,007	0,012	0,256	FALSE

-0,015	0,303	-0,001	0,010	0,043	FALSE
-0,089	0,283	-0,002	0,007	0,116	FALSE
-0,153	0,280	-0,007	0,011	0,296	FALSE
-0,166	0,280	-0,008	0,011	0,328	FALSE
0,050	0,272	0,001	0,011	0,035	FALSE
-0,146	0,287	-0,004	0,007	0,231	FALSE
0,046	0,280	0,001	0,007	0,040	FALSE
0,116	0,286	0,002	0,007	0,103	FALSE
0,131	0,284	0,007	0,012	0,254	FALSE
-0,015	0,279	0,001	0,010	0,023	FALSE
0,055	0,299	0,001	0,013	0,036	FALSE
-0,098	0,292	-0,003	0,009	0,154	FALSE
0,054	0,282	0,002	0,012	0,053	FALSE
0,050	0,298	0,000	0,013	0,012	FALSE
0,085	0,291	0,003	0,012	0,090	FALSE
-0,038	0,285	0,002	0,013	0,044	FALSE
-0,041	0,283	-0,002	0,010	0,096	FALSE
-0,040	0,270	-0,002	0,010	0,068	FALSE
0,088	0,281	0,004	0,012	0,126	FALSE
0,001	0,294	0,000	0,011	0,015	FALSE
0,026	0,293	0,001	0,007	0,044	FALSE
-0,007	0,290	0,000	0,007	0,007	FALSE
0,130	0,284	0,006	0,013	0,192	FALSE
-0,031	0,293	-0,001	0,011	0,044	FALSE
-0,027	0,291	-0,003	0,010	0,118	FALSE
-0,093	0,304	-0,001	0,007	0,068	FALSE
0,051	0,279	0,002	0,012	0,074	FALSE
-0,040	0,285	-0,001	0,008	0,064	FALSE
-0,135	0,281	-0,006	0,013	0,211	FALSE
-0,013	0,298	-0,001	0,012	0,039	FALSE
-0,105	0,294	-0,002	0,006	0,107	FALSE
-0,038	0,289	-0,001	0,011	0,045	FALSE
-0,015	0,288	-0,001	0,012	0,019	FALSE
-0,054	0,286	-0,002	0,009	0,102	FALSE
-0,038	0,277	-0,004	0,011	0,131	FALSE
-0,038	0,292	-0,004	0,011	0,134	FALSE
-0,059	0,288	-0,002	0,013	0,050	FALSE
0,061	0,288	0,001	0,013	0,023	FALSE
-0,073	0,288	-0,003	0,013	0,077	FALSE
0,099	0,290	0,001	0,007	0,077	FALSE
0,204	0,274	0,004	0,007	0,249	FALSE
0,039	0,284	0,000	0,007	0,006	FALSE
-0,006	0,298	0,000	0,010	0,010	FALSE
-0,005	0,291	0,000	0,010	0,004	FALSE
-0,005	0,289	0,000	0,010	0,017	FALSE
-0,043	0,289	-0,002	0,007	0,097	FALSE
-0,047	0,293	0,000	0,008	0,003	FALSE
0,118	0,300	0,003	0,009	0,148	FALSE
-0,038	0,292	-0,001	0,012	0,035	FALSE
0,102	0,284	0,004	0,011	0,133	FALSE
0,102	0,284	0,003	0,009	0,121	FALSE
0,053	0,298	0,001	0,008	0,047	FALSE
0,073	0,289	0,002	0,013	0,071	FALSE

0,055	0,292	0,002	0,009	0,082	FALSE
-0,062	0,279	-0,002	0,012	0,075	FALSE
0,027	0,295	0,001	0,008	0,066	FALSE
0,026	0,286	0,002	0,011	0,083	FALSE
0,013	0,297	0,000	0,006	0,010	FALSE
-0,043	0,289	-0,001	0,008	0,037	FALSE
-0,100	0,284	-0,003	0,006	0,209	FALSE
0,120	0,284	0,003	0,008	0,157	FALSE
0,099	0,302	0,002	0,008	0,088	FALSE
-0,069	0,282	-0,005	0,012	0,174	FALSE
-0,022	0,297	-0,003	0,013	0,079	FALSE
-0,048	0,290	-0,004	0,011	0,145	FALSE
0,126	0,288	0,005	0,013	0,172	FALSE
-0,088	0,279	-0,006	0,012	0,217	FALSE
-0,083	0,287	-0,002	0,006	0,121	FALSE
-0,013	0,279	-0,001	0,007	0,032	FALSE
-0,032	0,294	-0,003	0,013	0,073	FALSE
-0,021	0,298	0,000	0,010	0,010	FALSE
-0,030	0,284	-0,002	0,010	0,077	FALSE
0,071	0,286	0,004	0,012	0,111	FALSE
-0,037	0,296	-0,001	0,012	0,031	FALSE
-0,022	0,287	-0,002	0,011	0,069	FALSE
-0,006	0,290	0,001	0,007	0,045	FALSE
-0,008	0,306	0,001	0,008	0,024	FALSE
0,018	0,284	0,001	0,010	0,052	FALSE
0,060	0,309	0,000	0,011	0,014	FALSE
0,007	0,282	0,001	0,009	0,048	FALSE
-0,074	0,276	-0,002	0,007	0,106	FALSE
-0,046	0,294	-0,002	0,008	0,089	FALSE
0,084	0,294	0,001	0,011	0,045	FALSE
0,169	0,277	0,005	0,009	0,210	FALSE
0,080	0,289	0,001	0,009	0,039	FALSE
0,011	0,283	0,000	0,009	0,007	FALSE
-0,057	0,308	-0,001	0,010	0,047	FALSE
-0,053	0,287	-0,001	0,007	0,066	FALSE
-0,029	0,294	-0,002	0,012	0,064	TRUE
-0,056	0,303	-0,003	0,012	0,098	FALSE
-0,077	0,284	-0,004	0,012	0,130	FALSE
0,053	0,282	0,000	0,008	0,021	FALSE
0,127	0,286	0,005	0,013	0,177	FALSE
-0,210	0,273	-0,009	0,012	0,343	FALSE
0,029	0,292	0,000	0,011	0,013	FALSE
-0,044	0,291	-0,001	0,011	0,017	FALSE
0,023	0,302	0,001	0,012	0,030	FALSE
-0,095	0,291	-0,002	0,012	0,063	FALSE
0,150	0,288	0,004	0,008	0,211	FALSE
-0,027	0,281	0,000	0,006	0,009	FALSE
-0,097	0,285	-0,003	0,007	0,156	FALSE
0,027	0,286	0,001	0,013	0,016	FALSE
0,089	0,292	0,002	0,008	0,081	FALSE
0,041	0,275	0,002	0,011	0,062	FALSE
-0,107	0,288	-0,002	0,008	0,097	FALSE
-0,099	0,281	-0,005	0,013	0,143	FALSE

0,050	0,276	0,002	0,008	0,115	FALSE
0,012	0,300	0,001	0,012	0,034	FALSE
0,048	0,287	0,001	0,008	0,039	FALSE
0,015	0,296	0,002	0,012	0,058	FALSE
0,052	0,293	0,004	0,010	0,182	FALSE
0,253	0,281	0,008	0,011	0,313	FALSE
0,253	0,279	0,008	0,009	0,393	FALSE
-0,041	0,288	-0,002	0,012	0,051	FALSE
0,079	0,288	0,003	0,009	0,124	FALSE
0,109	0,296	0,002	0,007	0,146	FALSE
0,007	0,281	0,003	0,013	0,090	FALSE
-0,122	0,289	-0,002	0,006	0,148	FALSE
-0,146	0,283	-0,003	0,007	0,157	FALSE
-0,132	0,297	-0,003	0,007	0,152	FALSE
0,050	0,292	0,003	0,011	0,114	FALSE
0,012	0,290	0,000	0,007	0,006	FALSE
-0,043	0,291	-0,001	0,007	0,068	FALSE
0,009	0,295	0,000	0,007	0,000	FALSE
-0,061	0,290	-0,003	0,010	0,118	FALSE
-0,083	0,284	-0,003	0,010	0,128	FALSE
-0,068	0,307	-0,003	0,010	0,104	FALSE
-0,101	0,293	-0,003	0,008	0,181	FALSE
-0,086	0,286	-0,002	0,007	0,083	FALSE
-0,090	0,290	-0,004	0,010	0,163	FALSE
0,113	0,304	0,003	0,009	0,118	FALSE
-0,060	0,287	-0,002	0,007	0,110	FALSE
0,050	0,301	0,000	0,014	0,007	FALSE
-0,009	0,288	-0,002	0,009	0,069	FALSE
-0,003	0,299	0,001	0,010	0,039	FALSE
0,042	0,287	0,002	0,011	0,052	FALSE
0,102	0,301	0,004	0,013	0,131	FALSE
0,116	0,296	0,005	0,013	0,149	FALSE
-0,047	0,307	-0,001	0,010	0,043	FALSE
0,084	0,282	0,003	0,012	0,102	FALSE
-0,080	0,296	-0,002	0,013	0,057	FALSE
0,002	0,284	0,000	0,010	0,016	FALSE
0,020	0,292	0,000	0,007	0,006	FALSE
-0,098	0,286	-0,002	0,008	0,112	FALSE
0,081	0,294	0,002	0,011	0,063	FALSE
0,052	0,291	0,003	0,012	0,084	FALSE
-0,055	0,291	-0,002	0,011	0,077	FALSE
0,087	0,295	0,001	0,008	0,066	FALSE
-0,132	0,282	-0,004	0,009	0,174	FALSE
-0,134	0,282	-0,004	0,009	0,190	FALSE
-0,010	0,291	-0,001	0,007	0,072	FALSE
-0,010	0,301	0,000	0,007	0,007	FALSE
-0,056	0,277	-0,001	0,007	0,064	FALSE
0,006	0,294	0,001	0,012	0,029	FALSE
-0,089	0,289	-0,001	0,009	0,053	FALSE
0,072	0,288	0,001	0,008	0,048	FALSE
0,077	0,279	0,003	0,008	0,141	FALSE
0,023	0,290	0,000	0,007	0,010	FALSE
-0,072	0,280	-0,002	0,007	0,086	FALSE

0,104	0,290	0,002	0,006	0,135	FALSE
-0,055	0,288	-0,003	0,010	0,139	FALSE
-0,051	0,282	-0,002	0,009	0,083	FALSE
0,102	0,282	0,002	0,009	0,074	FALSE
0,075	0,299	0,000	0,010	0,014	FALSE
0,043	0,289	0,001	0,012	0,020	FALSE
0,089	0,283	0,001	0,009	0,053	FALSE
0,182	0,283	0,005	0,013	0,160	FALSE
0,039	0,289	0,001	0,008	0,067	FALSE
0,085	0,302	0,001	0,008	0,028	FALSE
-0,034	0,302	-0,001	0,008	0,033	FALSE
-0,091	0,296	-0,005	0,010	0,215	FALSE
-0,021	0,283	0,000	0,007	0,004	FALSE
-0,131	0,283	-0,003	0,007	0,213	FALSE
-0,099	0,290	-0,003	0,008	0,131	FALSE
-0,041	0,293	-0,001	0,007	0,057	FALSE
0,027	0,281	0,001	0,012	0,039	FALSE
0,097	0,281	0,001	0,007	0,039	FALSE
0,102	0,277	0,005	0,008	0,252	FALSE
-0,031	0,293	0,000	0,012	0,011	FALSE
0,045	0,277	0,004	0,012	0,118	FALSE
0,021	0,294	-0,001	0,007	0,040	FALSE
0,039	0,296	0,000	0,008	0,012	FALSE
-0,095	0,275	-0,003	0,012	0,111	FALSE
-0,157	0,289	-0,002	0,008	0,104	FALSE
-0,007	0,281	-0,001	0,010	0,023	FALSE
-0,050	0,271	-0,003	0,012	0,108	FALSE
-0,097	0,305	-0,003	0,013	0,088	FALSE
-0,071	0,284	-0,001	0,007	0,085	FALSE
0,126	0,289	0,004	0,013	0,133	FALSE
-0,131	0,280	-0,005	0,013	0,161	FALSE
-0,039	0,286	0,000	0,007	0,010	FALSE
-0,060	0,280	-0,001	0,006	0,074	FALSE
-0,135	0,286	-0,003	0,010	0,136	FALSE
-0,078	0,292	-0,002	0,010	0,067	FALSE
0,071	0,291	0,001	0,007	0,073	FALSE
0,197	0,279	0,006	0,011	0,256	FALSE
-0,065	0,281	-0,002	0,008	0,104	FALSE
-0,081	0,287	-0,001	0,007	0,083	FALSE
-0,058	0,289	-0,002	0,011	0,051	FALSE
-0,049	0,302	-0,001	0,010	0,027	FALSE
-0,085	0,277	-0,002	0,007	0,104	FALSE
0,012	0,291	0,000	0,011	0,003	FALSE
0,012	0,282	0,001	0,009	0,062	FALSE
-0,029	0,289	0,000	0,012	0,006	FALSE
-0,014	0,281	0,001	0,009	0,026	FALSE
0,074	0,287	0,005	0,012	0,158	FALSE
0,021	0,277	0,004	0,012	0,110	FALSE
-0,071	0,277	-0,001	0,007	0,041	FALSE
0,038	0,290	0,001	0,010	0,038	FALSE
-0,064	0,306	-0,001	0,012	0,043	FALSE
-0,001	0,296	0,001	0,007	0,028	FALSE
0,061	0,292	0,001	0,009	0,030	FALSE

-0,180	0,287	-0,004	0,007	0,220	FALSE
-0,020	0,302	0,000	0,013	0,001	FALSE
0,081	0,293	0,002	0,006	0,093	FALSE
-0,006	0,305	0,000	0,010	0,004	FALSE
-0,155	0,289	-0,006	0,010	0,264	FALSE
0,029	0,278	0,001	0,008	0,056	FALSE
-0,108	0,284	-0,002	0,008	0,073	FALSE
0,067	0,298	0,002	0,007	0,112	FALSE
0,198	0,282	0,004	0,006	0,321	FALSE
-0,107	0,282	-0,003	0,008	0,156	FALSE
-0,044	0,278	-0,002	0,008	0,083	FALSE
0,002	0,297	0,000	0,013	0,009	FALSE
0,200	0,294	0,005	0,009	0,214	FALSE
0,003	0,285	0,001	0,007	0,051	FALSE
-0,009	0,295	-0,001	0,008	0,036	FALSE
-0,129	0,279	-0,003	0,012	0,096	FALSE
-0,099	0,279	-0,004	0,010	0,177	FALSE
-0,146	0,280	-0,004	0,011	0,159	FALSE
-0,020	0,294	0,001	0,010	0,018	FALSE
0,033	0,289	0,001	0,009	0,022	FALSE
-0,074	0,275	-0,002	0,009	0,081	FALSE
-0,076	0,283	-0,002	0,012	0,078	FALSE
-0,070	0,290	-0,002	0,011	0,078	FALSE
-0,048	0,287	-0,004	0,012	0,110	FALSE
0,085	0,286	0,004	0,011	0,149	FALSE
-0,099	0,297	-0,003	0,012	0,078	FALSE
0,041	0,298	0,001	0,009	0,064	FALSE
0,034	0,281	0,000	0,006	0,009	FALSE
-0,160	0,291	-0,004	0,009	0,169	FALSE
-0,033	0,286	-0,002	0,010	0,087	FALSE
-0,086	0,288	-0,001	0,007	0,078	FALSE
0,073	0,284	0,001	0,009	0,045	FALSE
0,084	0,292	0,001	0,006	0,053	FALSE
-0,149	0,285	-0,004	0,007	0,228	FALSE
0,131	0,295	0,005	0,011	0,191	FALSE
0,137	0,287	0,005	0,010	0,220	FALSE
-0,028	0,283	-0,001	0,008	0,042	FALSE
0,071	0,281	0,001	0,007	0,043	FALSE
-0,058	0,289	-0,002	0,011	0,073	FALSE
-0,195	0,270	-0,005	0,008	0,300	FALSE
-0,068	0,273	-0,002	0,007	0,100	FALSE
-0,060	0,285	-0,003	0,010	0,093	FALSE
-0,014	0,294	-0,001	0,007	0,050	FALSE
0,000	0,282	0,000	0,012	0,002	FALSE
-0,013	0,288	-0,003	0,012	0,100	FALSE
-0,026	0,290	-0,001	0,009	0,022	FALSE
-0,066	0,284	-0,002	0,007	0,084	FALSE
0,040	0,287	0,001	0,007	0,052	FALSE
-0,107	0,290	-0,003	0,011	0,122	FALSE
-0,019	0,298	0,000	0,011	0,008	FALSE
0,117	0,282	0,003	0,008	0,148	FALSE
0,142	0,277	0,005	0,011	0,190	FALSE
0,112	0,287	0,002	0,011	0,071	FALSE

0,049	0,274	0,000	0,010	0,009	FALSE
0,015	0,291	0,000	0,007	0,020	FALSE
-0,149	0,289	-0,005	0,010	0,238	FALSE
-0,099	0,294	-0,003	0,008	0,120	FALSE
-0,018	0,288	-0,001	0,009	0,028	FALSE
-0,029	0,290	0,001	0,011	0,037	FALSE
-0,017	0,288	-0,002	0,007	0,096	FALSE
0,028	0,291	0,000	0,008	0,007	FALSE
-0,019	0,300	0,000	0,009	0,005	FALSE
-0,063	0,287	-0,002	0,011	0,083	FALSE
-0,044	0,290	-0,001	0,008	0,025	FALSE
0,190	0,302	0,003	0,007	0,206	FALSE
0,044	0,284	0,000	0,006	0,025	FALSE
0,008	0,289	0,001	0,007	0,045	FALSE
-0,033	0,290	0,001	0,012	0,024	FALSE
-0,043	0,282	-0,002	0,008	0,093	FALSE
0,018	0,294	-0,001	0,006	0,029	FALSE
-0,076	0,284	-0,001	0,011	0,036	FALSE
0,077	0,296	0,002	0,009	0,098	FALSE
0,011	0,302	-0,001	0,008	0,037	FALSE
0,004	0,281	-0,002	0,009	0,089	FALSE
0,048	0,296	0,003	0,010	0,096	FALSE
-0,034	0,274	-0,005	0,012	0,162	FALSE
0,074	0,282	0,004	0,011	0,139	FALSE
-0,103	0,289	-0,002	0,007	0,083	FALSE
0,064	0,285	0,003	0,013	0,094	FALSE
-0,068	0,293	-0,001	0,008	0,065	FALSE
0,007	0,300	0,000	0,007	0,007	FALSE
-0,028	0,299	-0,001	0,008	0,043	FALSE
-0,040	0,298	-0,001	0,008	0,061	FALSE
-0,029	0,297	-0,001	0,008	0,030	FALSE
-0,004	0,289	0,000	0,007	0,019	FALSE
0,040	0,287	0,001	0,008	0,052	FALSE
-0,142	0,284	-0,003	0,009	0,163	FALSE
-0,135	0,302	-0,004	0,009	0,162	FALSE
-0,062	0,286	0,000	0,007	0,015	FALSE
-0,066	0,288	-0,003	0,011	0,111	FALSE
-0,012	0,284	-0,001	0,012	0,041	FALSE
-0,003	0,274	-0,001	0,009	0,027	FALSE
-0,108	0,290	-0,003	0,011	0,120	FALSE
-0,087	0,286	-0,002	0,008	0,104	FALSE
0,095	0,299	0,003	0,010	0,094	FALSE
0,064	0,293	0,002	0,011	0,083	FALSE
0,052	0,297	0,002	0,011	0,050	FALSE
0,041	0,301	0,001	0,011	0,047	FALSE
-0,108	0,288	-0,004	0,012	0,141	FALSE
-0,045	0,310	-0,003	0,014	0,087	FALSE
-0,088	0,277	-0,003	0,007	0,173	FALSE
0,111	0,299	0,002	0,006	0,127	FALSE
0,109	0,314	0,002	0,007	0,128	FALSE
0,086	0,298	0,002	0,011	0,073	FALSE
0,107	0,285	0,005	0,011	0,178	FALSE
-0,061	0,295	-0,001	0,009	0,050	FALSE

-0,130	0,285	-0,003	0,006	0,183	FALSE
0,089	0,277	0,001	0,007	0,073	FALSE
-0,105	0,297	-0,003	0,007	0,157	FALSE
-0,060	0,281	-0,002	0,009	0,079	FALSE
-0,130	0,297	-0,002	0,007	0,113	FALSE
-0,085	0,283	-0,001	0,008	0,029	FALSE
0,112	0,267	0,007	0,010	0,318	FALSE
-0,078	0,287	-0,002	0,008	0,108	FALSE
0,068	0,286	0,002	0,010	0,070	FALSE
0,004	0,291	-0,001	0,010	0,035	FALSE
0,040	0,295	0,000	0,008	0,007	FALSE
0,001	0,303	0,000	0,007	0,007	FALSE
-0,062	0,281	-0,003	0,010	0,111	FALSE
-0,021	0,286	0,000	0,007	0,002	FALSE
0,074	0,282	0,002	0,009	0,109	FALSE
0,004	0,292	-0,003	0,012	0,096	FALSE
-0,006	0,302	-0,001	0,010	0,053	FALSE
0,009	0,293	0,001	0,008	0,048	FALSE
-0,074	0,292	-0,002	0,013	0,057	FALSE
0,097	0,295	0,002	0,008	0,081	FALSE
-0,067	0,282	0,000	0,009	0,015	FALSE
0,025	0,284	-0,002	0,010	0,071	FALSE
0,047	0,295	0,003	0,012	0,087	FALSE
0,018	0,276	0,002	0,011	0,058	FALSE
-0,013	0,290	-0,003	0,012	0,087	FALSE
0,147	0,283	0,004	0,007	0,237	FALSE
-0,010	0,280	0,002	0,007	0,092	FALSE
0,039	0,300	0,000	0,012	0,005	FALSE
-0,175	0,287	-0,003	0,006	0,190	FALSE
-0,112	0,290	-0,002	0,007	0,088	FALSE
0,048	0,291	0,001	0,007	0,042	FALSE
0,014	0,304	0,001	0,012	0,018	FALSE
-0,203	0,279	-0,004	0,006	0,243	FALSE
-0,005	0,287	0,000	0,007	0,023	FALSE
-0,017	0,281	0,000	0,008	0,010	FALSE
0,027	0,296	0,002	0,008	0,087	FALSE
0,006	0,298	0,001	0,008	0,063	FALSE
-0,122	0,278	-0,003	0,009	0,128	FALSE
0,025	0,307	0,000	0,007	0,010	FALSE
0,108	0,291	0,003	0,007	0,147	FALSE
0,011	0,283	0,001	0,008	0,037	FALSE
0,061	0,286	0,001	0,007	0,050	FALSE
-0,098	0,299	-0,003	0,007	0,191	FALSE
-0,045	0,294	0,000	0,010	0,009	FALSE
-0,030	0,300	-0,001	0,011	0,029	FALSE
0,005	0,280	0,001	0,009	0,032	FALSE
-0,047	0,295	0,000	0,007	0,025	FALSE
0,134	0,279	0,003	0,007	0,176	FALSE
0,002	0,294	0,000	0,010	0,000	FALSE
0,037	0,296	0,001	0,013	0,032	FALSE
-0,016	0,275	-0,002	0,007	0,077	FALSE
-0,045	0,291	-0,002	0,007	0,076	FALSE
0,016	0,284	0,002	0,009	0,071	FALSE

-0,132	0,287	-0,003	0,008	0,159	FALSE
0,031	0,291	0,001	0,007	0,029	FALSE
-0,035	0,296	0,000	0,007	0,007	FALSE
0,198	0,293	0,005	0,007	0,311	FALSE
-0,091	0,303	-0,005	0,013	0,156	FALSE
0,021	0,279	0,003	0,012	0,089	FALSE
-0,021	0,292	-0,001	0,008	0,065	FALSE
0,076	0,303	0,001	0,012	0,046	FALSE
-0,142	0,291	-0,004	0,007	0,238	FALSE
0,140	0,264	0,004	0,010	0,152	FALSE
0,009	0,299	0,000	0,007	0,012	FALSE
0,024	0,309	0,001	0,007	0,060	FALSE
0,058	0,290	0,001	0,006	0,054	FALSE
0,101	0,292	0,001	0,008	0,047	FALSE
-0,062	0,284	-0,002	0,008	0,081	FALSE
-0,095	0,292	-0,003	0,007	0,161	FALSE
-0,057	0,295	-0,002	0,008	0,104	FALSE
-0,145	0,285	-0,004	0,011	0,152	FALSE
-0,108	0,282	-0,003	0,011	0,095	FALSE
-0,129	0,276	-0,004	0,010	0,137	FALSE
-0,036	0,288	0,000	0,007	0,008	FALSE
0,070	0,278	0,004	0,007	0,203	FALSE
0,089	0,287	0,003	0,011	0,087	FALSE
0,072	0,277	0,004	0,011	0,148	FALSE
-0,185	0,268	-0,007	0,009	0,325	FALSE
-0,024	0,290	-0,001	0,007	0,037	FALSE
-0,078	0,291	-0,003	0,009	0,134	FALSE
0,099	0,289	0,006	0,013	0,184	FALSE
0,041	0,286	0,005	0,013	0,151	FALSE
0,060	0,280	0,001	0,007	0,033	FALSE
0,033	0,270	0,002	0,006	0,128	FALSE
-0,175	0,283	-0,002	0,006	0,153	FALSE
0,101	0,293	0,003	0,011	0,089	FALSE
-0,198	0,280	-0,007	0,011	0,268	FALSE
-0,076	0,271	-0,001	0,010	0,053	FALSE
-0,024	0,304	-0,002	0,013	0,043	FALSE
0,018	0,297	0,002	0,008	0,095	FALSE
-0,060	0,276	-0,002	0,009	0,100	FALSE
0,051	0,296	0,001	0,010	0,050	FALSE
-0,075	0,294	-0,002	0,009	0,089	FALSE
-0,096	0,306	-0,003	0,010	0,096	FALSE
-0,093	0,297	-0,002	0,010	0,091	FALSE
0,064	0,292	0,002	0,011	0,084	FALSE
-0,108	0,301	-0,002	0,007	0,119	FALSE
0,098	0,303	0,001	0,009	0,057	FALSE
0,010	0,281	-0,001	0,007	0,042	FALSE
0,091	0,274	0,003	0,006	0,227	FALSE
0,085	0,287	0,002	0,009	0,100	FALSE
-0,056	0,292	-0,001	0,006	0,077	FALSE
0,044	0,286	0,002	0,006	0,110	FALSE
-0,027	0,297	0,000	0,007	0,001	FALSE
-0,052	0,306	-0,001	0,013	0,042	FALSE
-0,117	0,311	-0,002	0,007	0,123	FALSE

0,031	0,290	0,003	0,013	0,075	FALSE
0,040	0,308	0,003	0,013	0,075	FALSE
0,215	0,282	0,007	0,010	0,314	FALSE
0,009	0,302	-0,001	0,007	0,031	FALSE
-0,094	0,291	-0,001	0,006	0,036	FALSE
0,082	0,299	0,003	0,012	0,086	FALSE
0,141	0,280	0,003	0,008	0,162	FALSE
-0,027	0,282	-0,002	0,008	0,081	FALSE
0,224	0,286	0,008	0,009	0,393	FALSE
0,073	0,276	0,004	0,011	0,129	FALSE
-0,080	0,291	-0,002	0,007	0,117	FALSE
-0,103	0,273	-0,006	0,012	0,192	FALSE
0,056	0,292	0,002	0,007	0,088	FALSE
0,067	0,301	0,003	0,013	0,082	FALSE
0,024	0,285	0,000	0,007	0,026	FALSE
0,095	0,275	0,003	0,009	0,129	FALSE
0,099	0,298	0,003	0,008	0,127	FALSE
0,068	0,279	0,002	0,008	0,110	FALSE
0,022	0,286	0,001	0,012	0,031	FALSE
-0,194	0,274	-0,007	0,011	0,263	FALSE
0,090	0,295	0,002	0,011	0,052	FALSE
0,062	0,290	0,002	0,011	0,065	FALSE
-0,126	0,303	-0,006	0,013	0,197	FALSE
-0,131	0,288	-0,007	0,013	0,218	FALSE
0,083	0,290	0,001	0,009	0,061	FALSE
0,103	0,303	0,002	0,008	0,088	FALSE
0,038	0,283	0,001	0,012	0,041	FALSE
-0,088	0,300	-0,003	0,010	0,095	FALSE
-0,139	0,283	-0,007	0,012	0,261	FALSE
-0,127	0,273	-0,002	0,006	0,126	FALSE
0,008	0,291	0,000	0,011	0,004	FALSE
0,060	0,290	0,001	0,006	0,063	FALSE
0,127	0,300	0,003	0,008	0,146	FALSE
0,181	0,280	0,008	0,011	0,330	FALSE
0,219	0,271	0,007	0,010	0,354	FALSE
-0,104	0,283	-0,002	0,007	0,105	FALSE
-0,128	0,270	-0,002	0,006	0,147	FALSE
-0,003	0,288	0,001	0,012	0,037	FALSE
-0,002	0,284	0,001	0,012	0,031	FALSE
0,182	0,280	0,003	0,007	0,185	FALSE
0,107	0,275	0,003	0,007	0,180	FALSE
0,162	0,285	0,004	0,009	0,176	FALSE
-0,015	0,274	0,000	0,007	0,014	FALSE
-0,102	0,294	-0,004	0,012	0,135	FALSE
0,035	0,296	0,001	0,010	0,027	FALSE
-0,097	0,283	-0,004	0,011	0,140	FALSE
0,032	0,289	0,000	0,006	0,009	FALSE
0,012	0,304	0,000	0,008	0,006	FALSE
0,019	0,300	-0,001	0,008	0,034	FALSE
-0,185	0,275	-0,006	0,010	0,278	FALSE
0,057	0,292	0,001	0,010	0,042	FALSE
0,063	0,278	0,002	0,013	0,051	FALSE
-0,046	0,285	-0,001	0,010	0,048	FALSE

0,040	0,283	0,003	0,008	0,121	FALSE
-0,057	0,281	-0,001	0,008	0,066	FALSE
-0,048	0,306	-0,003	0,013	0,077	FALSE
0,048	0,297	0,002	0,011	0,075	FALSE
-0,063	0,302	-0,001	0,009	0,060	FALSE
0,007	0,291	0,000	0,007	0,006	FALSE
-0,013	0,298	-0,001	0,008	0,048	FALSE
0,114	0,300	0,002	0,011	0,082	FALSE
0,030	0,294	0,001	0,008	0,027	FALSE
0,135	0,286	0,002	0,007	0,119	FALSE
0,049	0,295	0,003	0,013	0,092	FALSE
0,038	0,288	0,001	0,007	0,064	FALSE
-0,021	0,291	0,001	0,009	0,042	FALSE
0,108	0,272	0,001	0,008	0,056	FALSE
-0,069	0,291	0,000	0,010	0,005	FALSE
-0,066	0,283	-0,003	0,009	0,104	FALSE
-0,001	0,280	-0,004	0,013	0,124	FALSE
0,166	0,286	0,005	0,007	0,315	FALSE
0,078	0,287	0,002	0,009	0,070	FALSE
-0,130	0,281	-0,004	0,008	0,233	FALSE
-0,014	0,276	-0,001	0,009	0,046	FALSE
-0,047	0,284	-0,003	0,013	0,086	FALSE
0,067	0,291	0,001	0,011	0,043	FALSE
-0,003	0,293	0,000	0,008	0,020	FALSE
0,032	0,303	0,001	0,013	0,031	FALSE
0,155	0,304	0,004	0,009	0,186	FALSE
0,186	0,288	0,003	0,006	0,209	FALSE
-0,013	0,286	0,000	0,012	0,008	FALSE
0,128	0,294	0,004	0,007	0,229	FALSE
-0,185	0,288	-0,007	0,010	0,293	FALSE
-0,056	0,292	-0,001	0,012	0,017	FALSE
-0,080	0,306	-0,003	0,012	0,098	FALSE
-0,127	0,286	-0,002	0,007	0,133	FALSE
0,105	0,296	0,002	0,007	0,127	FALSE
0,035	0,284	0,001	0,008	0,026	FALSE
-0,045	0,306	-0,001	0,010	0,049	FALSE
-0,056	0,292	-0,002	0,009	0,072	FALSE
0,021	0,291	0,000	0,008	0,004	FALSE
-0,064	0,290	-0,002	0,010	0,072	FALSE
0,022	0,280	0,001	0,011	0,033	FALSE
0,041	0,295	0,001	0,007	0,058	FALSE
0,056	0,287	0,001	0,008	0,023	FALSE
-0,141	0,288	-0,008	0,013	0,286	FALSE
0,038	0,290	0,001	0,008	0,053	FALSE
-0,031	0,271	0,001	0,012	0,019	FALSE
0,063	0,283	0,002	0,007	0,103	FALSE
0,121	0,280	0,000	0,006	0,022	FALSE
0,009	0,297	0,001	0,008	0,069	FALSE
-0,042	0,287	0,001	0,009	0,046	FALSE
-0,003	0,307	0,002	0,012	0,047	FALSE
0,054	0,297	0,003	0,010	0,100	FALSE
-0,050	0,286	-0,002	0,012	0,062	FALSE
0,113	0,283	0,004	0,013	0,130	FALSE

0,024	0,282	0,001	0,007	0,030	FALSE
0,143	0,281	0,003	0,010	0,119	FALSE
-0,066	0,292	-0,003	0,012	0,090	FALSE
0,122	0,303	0,002	0,007	0,095	FALSE
-0,039	0,291	0,000	0,011	0,003	FALSE
0,083	0,290	0,002	0,008	0,095	FALSE
0,058	0,302	0,002	0,013	0,054	FALSE
-0,090	0,287	-0,004	0,011	0,131	FALSE
-0,002	0,296	0,000	0,013	0,004	FALSE
-0,012	0,271	0,000	0,010	0,010	FALSE
-0,033	0,281	-0,002	0,008	0,089	FALSE
-0,094	0,287	-0,002	0,007	0,116	FALSE
0,107	0,286	0,002	0,008	0,123	FALSE
-0,138	0,296	-0,002	0,008	0,080	FALSE
0,097	0,292	0,004	0,008	0,209	FALSE
-0,069	0,301	-0,002	0,013	0,070	FALSE
0,139	0,298	0,005	0,008	0,248	FALSE
-0,020	0,312	-0,001	0,010	0,042	FALSE
-0,009	0,289	0,000	0,007	0,001	FALSE
0,004	0,287	0,000	0,011	0,013	FALSE
-0,020	0,289	0,000	0,011	0,011	FALSE
-0,027	0,299	-0,001	0,009	0,055	FALSE
-0,052	0,299	-0,002	0,009	0,092	FALSE
-0,127	0,293	-0,004	0,010	0,174	FALSE
-0,004	0,306	-0,001	0,008	0,035	FALSE
0,042	0,286	0,001	0,007	0,081	FALSE
0,010	0,307	0,001	0,013	0,014	FALSE
-0,112	0,280	-0,002	0,007	0,101	FALSE
-0,002	0,292	0,000	0,006	0,017	FALSE
-0,041	0,285	-0,002	0,009	0,063	FALSE
0,067	0,288	0,004	0,013	0,130	FALSE
0,197	0,276	0,006	0,008	0,354	FALSE
0,011	0,286	-0,001	0,010	0,037	FALSE
-0,088	0,290	-0,003	0,008	0,139	FALSE
-0,021	0,274	0,000	0,006	0,027	FALSE
-0,044	0,292	-0,001	0,009	0,034	FALSE
0,177	0,276	0,006	0,011	0,236	FALSE
-0,048	0,288	-0,004	0,012	0,125	FALSE
-0,048	0,308	-0,003	0,013	0,099	FALSE
-0,016	0,281	-0,001	0,009	0,028	FALSE
-0,042	0,278	-0,001	0,010	0,055	FALSE
-0,064	0,286	0,000	0,012	0,001	FALSE
-0,037	0,296	0,001	0,013	0,017	FALSE
0,132	0,285	0,003	0,007	0,168	FALSE
-0,141	0,276	-0,003	0,006	0,164	FALSE
0,133	0,288	0,004	0,006	0,273	FALSE
-0,053	0,272	-0,002	0,008	0,113	FALSE
-0,008	0,292	-0,001	0,010	0,047	FALSE
-0,079	0,294	-0,003	0,013	0,099	FALSE
-0,031	0,286	-0,001	0,012	0,041	FALSE
0,048	0,296	0,001	0,009	0,041	FALSE
0,025	0,296	0,001	0,012	0,038	FALSE
0,051	0,303	0,002	0,012	0,049	FALSE

0,137	0,277	0,005	0,013	0,172	FALSE
0,093	0,284	0,002	0,008	0,071	FALSE
0,049	0,283	0,003	0,012	0,100	FALSE
-0,188	0,291	-0,003	0,007	0,224	FALSE
-0,015	0,283	-0,001	0,008	0,030	FALSE
-0,030	0,298	-0,001	0,007	0,040	FALSE
-0,013	0,284	0,000	0,010	0,008	FALSE
-0,023	0,284	0,000	0,010	0,012	FALSE
-0,020	0,275	-0,001	0,010	0,024	FALSE
0,007	0,293	-0,001	0,012	0,023	FALSE
0,015	0,292	0,000	0,011	0,013	FALSE
-0,090	0,293	-0,002	0,007	0,140	FALSE
-0,068	0,283	-0,005	0,013	0,161	FALSE
0,053	0,290	0,002	0,007	0,083	FALSE
-0,029	0,295	0,001	0,013	0,014	FALSE
-0,112	0,278	-0,003	0,007	0,199	FALSE
0,084	0,297	0,004	0,010	0,137	FALSE
0,096	0,284	0,004	0,009	0,177	FALSE
0,016	0,288	0,001	0,014	0,018	FALSE
0,020	0,294	0,002	0,011	0,062	FALSE
-0,070	0,275	-0,002	0,008	0,076	FALSE
0,086	0,286	0,005	0,012	0,153	FALSE
0,084	0,296	0,004	0,009	0,150	FALSE
0,067	0,286	0,003	0,012	0,105	FALSE
0,205	0,286	0,005	0,006	0,372	FALSE
0,001	0,296	0,000	0,012	0,000	FALSE
-0,022	0,298	-0,001	0,012	0,038	FALSE
0,017	0,287	0,000	0,009	0,011	FALSE
-0,034	0,293	-0,001	0,009	0,048	FALSE
0,133	0,282	0,004	0,009	0,196	FALSE
-0,115	0,292	-0,003	0,008	0,133	FALSE
-0,008	0,298	0,001	0,011	0,028	FALSE
0,055	0,290	0,002	0,007	0,105	FALSE
0,090	0,280	0,000	0,008	0,001	FALSE
-0,129	0,295	-0,004	0,008	0,177	FALSE
0,086	0,295	0,004	0,011	0,130	FALSE
-0,163	0,275	-0,004	0,008	0,196	FALSE
0,121	0,295	0,004	0,008	0,196	FALSE
0,027	0,282	0,001	0,009	0,039	FALSE
-0,038	0,278	0,000	0,010	0,006	FALSE
0,130	0,288	0,005	0,009	0,253	FALSE
0,130	0,302	0,003	0,013	0,094	FALSE
0,143	0,277	0,007	0,011	0,271	FALSE
0,101	0,289	0,005	0,010	0,183	FALSE
0,031	0,293	0,001	0,007	0,065	FALSE
0,017	0,300	0,002	0,010	0,055	FALSE
0,048	0,291	0,001	0,008	0,035	FALSE
0,012	0,295	0,001	0,009	0,056	FALSE
-0,080	0,290	-0,001	0,012	0,033	FALSE
-0,076	0,287	-0,004	0,010	0,177	FALSE
-0,099	0,284	-0,005	0,009	0,204	FALSE
-0,166	0,305	-0,007	0,010	0,296	FALSE
0,079	0,282	0,004	0,009	0,178	FALSE

0,121	0,288	0,002	0,008	0,100	FALSE
0,140	0,293	0,002	0,008	0,089	FALSE
-0,043	0,302	-0,002	0,010	0,067	FALSE
0,006	0,289	-0,001	0,008	0,054	FALSE
0,148	0,296	0,007	0,011	0,276	FALSE
0,141	0,284	0,002	0,008	0,113	FALSE
0,002	0,292	-0,001	0,009	0,058	FALSE
0,111	0,293	0,002	0,006	0,109	FALSE
-0,088	0,276	-0,001	0,006	0,078	FALSE
-0,051	0,291	-0,001	0,007	0,027	FALSE
-0,117	0,285	-0,006	0,011	0,224	FALSE
0,187	0,282	0,004	0,007	0,250	FALSE
0,227	0,286	0,010	0,012	0,402	FALSE
0,215	0,283	0,010	0,012	0,375	FALSE
-0,162	0,288	-0,005	0,009	0,225	FALSE
0,107	0,288	0,002	0,007	0,086	FALSE
0,103	0,282	0,004	0,011	0,132	FALSE
0,043	0,302	0,001	0,012	0,034	FALSE
-0,017	0,287	-0,001	0,010	0,022	FALSE
0,146	0,284	0,002	0,010	0,097	FALSE
-0,080	0,289	-0,002	0,009	0,079	FALSE
-0,056	0,306	-0,002	0,013	0,054	FALSE
-0,112	0,285	-0,004	0,011	0,130	FALSE
0,013	0,295	0,002	0,013	0,048	FALSE
-0,097	0,300	-0,002	0,011	0,084	FALSE
0,028	0,308	0,002	0,013	0,059	FALSE
-0,098	0,289	-0,002	0,010	0,089	FALSE
-0,100	0,301	-0,002	0,011	0,086	FALSE
-0,112	0,280	-0,005	0,013	0,145	FALSE
-0,108	0,284	-0,004	0,012	0,137	FALSE
0,009	0,296	-0,001	0,007	0,052	FALSE
-0,029	0,293	0,000	0,010	0,017	FALSE
0,006	0,284	0,002	0,012	0,072	FALSE
-0,056	0,283	-0,001	0,010	0,040	FALSE
-0,052	0,297	-0,001	0,010	0,037	FALSE
-0,073	0,295	-0,004	0,012	0,144	FALSE
0,038	0,289	-0,001	0,006	0,031	FALSE
0,040	0,293	0,002	0,011	0,072	FALSE
0,021	0,294	0,001	0,011	0,035	FALSE
0,004	0,297	0,001	0,010	0,019	FALSE
0,139	0,302	0,006	0,013	0,193	FALSE
0,114	0,294	0,004	0,013	0,123	FALSE
0,063	0,296	0,002	0,009	0,093	FALSE
0,106	0,280	0,004	0,013	0,136	FALSE
-0,148	0,282	-0,004	0,013	0,140	FALSE
0,186	0,291	0,007	0,013	0,211	FALSE
0,098	0,287	0,003	0,010	0,128	FALSE
-0,056	0,281	-0,001	0,007	0,073	FALSE
-0,023	0,283	0,000	0,007	0,023	FALSE
0,062	0,271	0,003	0,008	0,125	FALSE
-0,124	0,294	-0,003	0,009	0,164	FALSE
-0,008	0,288	-0,001	0,007	0,068	FALSE
0,046	0,293	0,004	0,013	0,109	FALSE

-0,006	0,283	-0,001	0,007	0,069	FALSE
-0,097	0,275	-0,003	0,007	0,156	FALSE
-0,130	0,276	-0,004	0,010	0,149	FALSE
-0,146	0,277	-0,004	0,006	0,251	FALSE
0,098	0,290	0,005	0,012	0,192	FALSE
0,103	0,287	0,003	0,011	0,095	FALSE
0,078	0,295	0,002	0,013	0,052	FALSE
0,112	0,284	0,003	0,013	0,099	FALSE
0,014	0,279	0,002	0,010	0,063	FALSE
0,025	0,287	0,001	0,010	0,024	FALSE
0,048	0,285	0,002	0,011	0,057	FALSE
0,025	0,294	0,000	0,011	0,013	FALSE
0,092	0,283	0,003	0,009	0,120	FALSE
0,050	0,286	0,003	0,011	0,086	FALSE
0,080	0,307	0,002	0,008	0,091	FALSE
-0,056	0,268	-0,001	0,009	0,021	FALSE
-0,054	0,280	-0,001	0,007	0,073	FALSE
-0,017	0,279	-0,003	0,011	0,092	FALSE
0,052	0,282	0,001	0,011	0,024	FALSE
-0,087	0,292	-0,003	0,008	0,128	FALSE
-0,026	0,283	0,001	0,012	0,015	FALSE
-0,069	0,298	-0,001	0,007	0,064	FALSE
-0,018	0,280	-0,001	0,011	0,021	FALSE
0,071	0,291	0,002	0,009	0,100	FALSE
-0,044	0,275	-0,001	0,006	0,055	FALSE
-0,036	0,287	-0,001	0,008	0,051	FALSE
0,096	0,280	0,001	0,011	0,035	FALSE
0,118	0,277	0,004	0,008	0,193	FALSE
-0,026	0,272	-0,002	0,006	0,131	FALSE
-0,185	0,273	-0,006	0,010	0,260	FALSE
-0,016	0,291	-0,001	0,012	0,024	FALSE
0,015	0,296	-0,001	0,012	0,042	FALSE
0,011	0,284	0,001	0,011	0,044	FALSE
0,100	0,278	0,002	0,008	0,115	FALSE
0,065	0,280	0,002	0,008	0,101	FALSE
0,025	0,273	0,001	0,012	0,030	FALSE
-0,126	0,291	-0,005	0,013	0,147	FALSE
-0,114	0,290	-0,004	0,013	0,113	FALSE
-0,158	0,280	-0,006	0,011	0,241	FALSE
-0,069	0,308	-0,002	0,007	0,087	FALSE
-0,022	0,292	-0,001	0,006	0,032	FALSE
-0,046	0,291	0,000	0,008	0,005	FALSE
0,064	0,283	0,001	0,007	0,045	FALSE
0,023	0,287	0,002	0,012	0,049	FALSE
-0,115	0,280	-0,002	0,007	0,100	FALSE
-0,005	0,290	0,000	0,012	0,003	FALSE
0,036	0,291	0,000	0,009	0,014	FALSE
0,012	0,288	0,000	0,009	0,003	FALSE
0,088	0,289	0,001	0,010	0,049	FALSE
-0,072	0,306	0,000	0,008	0,015	FALSE
-0,144	0,285	-0,003	0,007	0,185	FALSE
0,020	0,291	-0,001	0,008	0,044	FALSE
-0,197	0,271	-0,003	0,006	0,216	FALSE

-0,168	0,283	-0,003	0,007	0,170	FALSE
0,083	0,291	0,001	0,010	0,041	FALSE
-0,009	0,291	-0,001	0,007	0,040	FALSE
-0,026	0,270	-0,001	0,007	0,059	FALSE
0,069	0,286	0,002	0,013	0,061	FALSE
0,079	0,294	0,002	0,012	0,062	FALSE
0,053	0,290	0,002	0,008	0,075	FALSE
0,012	0,282	-0,002	0,011	0,065	FALSE
0,135	0,287	0,002	0,007	0,095	FALSE
0,056	0,299	0,002	0,006	0,128	FALSE
0,111	0,286	0,003	0,006	0,208	FALSE
-0,002	0,289	-0,001	0,008	0,057	FALSE
-0,096	0,300	-0,002	0,007	0,138	FALSE
0,079	0,296	0,003	0,009	0,138	FALSE
-0,071	0,293	-0,001	0,011	0,046	FALSE
-0,188	0,282	-0,004	0,007	0,229	FALSE
0,017	0,291	-0,001	0,008	0,031	FALSE
-0,059	0,286	-0,004	0,009	0,157	FALSE
0,139	0,285	0,003	0,006	0,211	FALSE
0,039	0,294	0,000	0,007	0,013	FALSE
-0,049	0,292	0,000	0,007	0,018	FALSE
-0,017	0,300	-0,001	0,008	0,050	FALSE
-0,144	0,290	-0,003	0,007	0,160	FALSE
-0,214	0,287	-0,006	0,010	0,252	FALSE
-0,063	0,290	-0,001	0,006	0,046	FALSE
-0,073	0,296	-0,001	0,006	0,074	FALSE
0,096	0,291	0,004	0,012	0,132	FALSE
0,062	0,272	0,003	0,010	0,138	FALSE
0,037	0,305	0,001	0,008	0,023	FALSE
-0,017	0,287	0,001	0,012	0,015	FALSE
0,107	0,288	0,002	0,007	0,087	FALSE
-0,062	0,283	-0,002	0,012	0,059	FALSE
-0,091	0,276	-0,004	0,012	0,119	FALSE
0,010	0,289	0,000	0,012	0,010	FALSE
0,073	0,297	0,001	0,010	0,033	FALSE
0,069	0,281	0,002	0,008	0,116	FALSE
-0,048	0,273	0,000	0,006	0,020	FALSE
-0,046	0,297	0,000	0,008	0,014	FALSE
0,078	0,297	0,002	0,010	0,098	FALSE
0,097	0,286	0,003	0,010	0,121	FALSE
0,082	0,290	0,003	0,013	0,092	FALSE
-0,115	0,288	-0,001	0,008	0,056	FALSE
-0,030	0,294	0,001	0,010	0,031	FALSE
0,121	0,299	0,002	0,007	0,078	FALSE
-0,104	0,289	-0,003	0,012	0,081	FALSE
-0,113	0,291	-0,003	0,013	0,105	FALSE
-0,085	0,282	-0,002	0,012	0,055	FALSE
0,036	0,291	0,002	0,013	0,043	FALSE
0,036	0,294	-0,001	0,012	0,020	FALSE
-0,077	0,290	-0,001	0,013	0,030	FALSE
-0,056	0,299	-0,001	0,013	0,033	FALSE
-0,024	0,287	-0,001	0,007	0,030	FALSE
0,020	0,289	0,001	0,007	0,069	FALSE

0,022	0,291	0,002	0,007	0,086	FALSE
0,073	0,296	0,001	0,012	0,040	FALSE
0,077	0,283	0,001	0,011	0,039	FALSE
0,101	0,279	0,000	0,007	0,003	FALSE
-0,015	0,283	-0,002	0,013	0,058	FALSE
-0,044	0,286	-0,001	0,012	0,018	FALSE
-0,033	0,281	0,000	0,012	0,006	FALSE
0,001	0,287	0,001	0,013	0,016	FALSE
-0,097	0,279	-0,001	0,008	0,065	FALSE
-0,085	0,290	-0,004	0,010	0,171	FALSE
-0,047	0,309	-0,001	0,007	0,033	FALSE
0,007	0,289	-0,001	0,006	0,054	FALSE
0,118	0,289	0,003	0,010	0,108	FALSE
-0,020	0,299	-0,001	0,008	0,056	FALSE
0,044	0,289	0,000	0,007	0,016	FALSE
0,060	0,292	0,002	0,009	0,082	FALSE
-0,045	0,301	-0,001	0,008	0,032	FALSE
-0,005	0,285	-0,001	0,009	0,021	FALSE
-0,068	0,288	-0,003	0,013	0,089	FALSE
-0,006	0,284	0,000	0,011	0,007	FALSE
-0,039	0,288	0,000	0,008	0,021	FALSE
-0,161	0,287	-0,005	0,012	0,179	FALSE
0,033	0,296	0,001	0,009	0,023	FALSE
0,071	0,292	0,004	0,012	0,119	FALSE
-0,110	0,292	-0,005	0,012	0,176	FALSE
0,031	0,295	0,001	0,009	0,021	FALSE
-0,008	0,283	-0,001	0,007	0,043	FALSE
0,096	0,281	0,004	0,008	0,192	FALSE
0,002	0,295	-0,001	0,009	0,025	FALSE
0,066	0,278	0,000	0,009	0,004	FALSE
-0,005	0,290	0,000	0,010	0,007	FALSE
-0,043	0,269	0,000	0,009	0,011	FALSE
0,023	0,285	0,002	0,007	0,090	FALSE
0,051	0,275	0,003	0,010	0,133	FALSE
0,123	0,285	0,004	0,007	0,204	FALSE
0,070	0,295	0,004	0,013	0,137	FALSE
-0,008	0,296	-0,001	0,009	0,037	FALSE
0,026	0,288	0,000	0,007	0,026	FALSE
-0,179	0,284	-0,004	0,008	0,245	FALSE
0,092	0,268	0,006	0,012	0,206	FALSE
0,053	0,285	0,002	0,009	0,098	FALSE
0,201	0,299	0,006	0,010	0,284	FALSE
-0,004	0,291	-0,001	0,008	0,049	FALSE
-0,096	0,290	-0,004	0,011	0,124	FALSE
0,073	0,281	0,002	0,013	0,044	FALSE
0,041	0,289	0,000	0,007	0,013	FALSE
0,064	0,286	0,002	0,013	0,069	FALSE
-0,003	0,292	0,000	0,013	0,006	FALSE
0,055	0,290	0,002	0,012	0,070	FALSE
0,045	0,280	0,002	0,012	0,065	FALSE
0,090	0,299	0,003	0,010	0,106	FALSE
0,041	0,281	0,002	0,010	0,072	FALSE
0,049	0,282	0,002	0,010	0,078	FALSE

0,062	0,287	0,002	0,008	0,079	FALSE
-0,005	0,284	0,001	0,012	0,020	FALSE
-0,002	0,290	0,000	0,011	0,011	FALSE
-0,030	0,276	-0,001	0,011	0,023	FALSE
-0,090	0,283	-0,001	0,007	0,071	FALSE
0,035	0,291	0,003	0,009	0,129	FALSE
-0,105	0,292	-0,002	0,008	0,094	FALSE
-0,118	0,291	-0,003	0,006	0,229	FALSE
-0,144	0,284	-0,006	0,010	0,234	FALSE
-0,119	0,295	-0,005	0,011	0,174	FALSE
0,006	0,297	0,000	0,011	0,004	FALSE
0,077	0,309	0,001	0,008	0,042	FALSE
-0,060	0,289	0,000	0,012	0,002	FALSE
0,121	0,296	0,002	0,008	0,105	FALSE
0,134	0,277	0,002	0,007	0,122	FALSE
-0,073	0,289	-0,002	0,007	0,096	FALSE
0,118	0,291	0,007	0,013	0,222	FALSE
-0,130	0,288	-0,003	0,007	0,199	FALSE
0,002	0,284	0,000	0,007	0,010	FALSE
-0,109	0,296	-0,005	0,011	0,195	FALSE
-0,026	0,276	-0,003	0,012	0,085	FALSE
-0,024	0,298	-0,001	0,009	0,038	FALSE
-0,036	0,295	-0,001	0,009	0,026	FALSE
-0,051	0,295	-0,003	0,007	0,152	FALSE
0,027	0,285	0,001	0,006	0,082	FALSE
0,007	0,288	0,001	0,008	0,032	FALSE
0,044	0,295	0,000	0,007	0,011	FALSE
-0,012	0,282	0,001	0,008	0,024	FALSE
0,093	0,303	0,003	0,009	0,117	FALSE
-0,014	0,275	-0,002	0,012	0,063	FALSE
-0,062	0,285	-0,001	0,013	0,030	FALSE
0,019	0,290	0,002	0,013	0,060	FALSE
-0,092	0,285	-0,001	0,012	0,032	FALSE
0,009	0,300	0,000	0,008	0,000	FALSE
0,082	0,295	0,002	0,011	0,072	FALSE
-0,070	0,281	-0,003	0,009	0,134	FALSE
0,021	0,288	0,002	0,008	0,085	FALSE
-0,162	0,283	-0,003	0,013	0,097	FALSE
0,178	0,289	0,003	0,014	0,098	FALSE
0,186	0,286	0,005	0,013	0,160	FALSE
-0,061	0,277	-0,003	0,007	0,201	FALSE
0,028	0,285	-0,001	0,006	0,069	FALSE
0,094	0,289	0,000	0,006	0,003	FALSE
-0,045	0,288	-0,002	0,008	0,096	FALSE
-0,030	0,270	-0,002	0,012	0,067	FALSE
-0,042	0,292	0,000	0,007	0,012	FALSE
-0,035	0,285	0,000	0,007	0,013	FALSE
0,010	0,293	0,000	0,011	0,009	FALSE
0,003	0,292	0,000	0,009	0,020	FALSE
-0,034	0,292	0,000	0,006	0,024	FALSE
0,039	0,282	0,001	0,007	0,057	FALSE
-0,093	0,277	-0,005	0,012	0,176	FALSE
-0,115	0,296	-0,003	0,008	0,154	FALSE

-0,096	0,299	-0,002	0,007	0,114	FALSE
-0,058	0,278	-0,003	0,012	0,079	FALSE
0,061	0,295	0,002	0,011	0,073	FALSE
0,026	0,274	0,000	0,007	0,019	FALSE
0,038	0,290	0,001	0,008	0,024	FALSE
0,039	0,280	0,001	0,011	0,029	FALSE
-0,071	0,299	-0,003	0,013	0,081	FALSE
-0,030	0,301	-0,001	0,007	0,058	FALSE
-0,027	0,286	-0,001	0,009	0,029	FALSE
0,149	0,272	0,005	0,007	0,320	FALSE
0,167	0,290	0,007	0,012	0,274	FALSE
0,192	0,272	0,008	0,011	0,355	FALSE
0,157	0,285	0,008	0,011	0,301	FALSE
0,127	0,277	0,003	0,008	0,151	FALSE
-0,093	0,284	-0,001	0,009	0,048	FALSE
-0,014	0,292	-0,002	0,008	0,091	FALSE
0,011	0,288	-0,001	0,008	0,024	FALSE
0,144	0,280	0,004	0,010	0,170	FALSE
0,102	0,295	0,004	0,012	0,146	FALSE
-0,053	0,295	-0,001	0,006	0,046	FALSE
0,052	0,295	0,001	0,009	0,047	FALSE
-0,115	0,282	-0,003	0,008	0,191	FALSE
0,100	0,295	0,003	0,012	0,117	FALSE
-0,129	0,292	-0,003	0,007	0,160	FALSE
0,096	0,299	0,003	0,007	0,169	FALSE
-0,025	0,291	-0,002	0,012	0,073	FALSE
-0,180	0,290	-0,005	0,008	0,239	FALSE
0,048	0,302	0,001	0,009	0,032	FALSE
-0,192	0,272	-0,006	0,010	0,260	FALSE
0,043	0,283	0,001	0,007	0,028	FALSE
-0,131	0,278	-0,005	0,012	0,159	FALSE
0,070	0,293	0,003	0,009	0,127	FALSE
-0,048	0,281	-0,002	0,007	0,087	FALSE
0,020	0,291	0,000	0,007	0,007	FALSE
0,102	0,274	0,006	0,012	0,211	FALSE
0,102	0,273	0,006	0,012	0,202	FALSE
0,038	0,293	0,002	0,009	0,100	FALSE
-0,047	0,288	-0,001	0,009	0,052	FALSE
0,110	0,298	0,003	0,009	0,149	FALSE
0,142	0,293	0,003	0,009	0,155	FALSE
0,022	0,290	0,003	0,010	0,100	FALSE
-0,045	0,290	-0,002	0,008	0,078	FALSE
0,020	0,287	0,003	0,010	0,123	FALSE
-0,037	0,302	0,001	0,011	0,039	FALSE
-0,059	0,285	0,000	0,010	0,007	FALSE
0,151	0,273	0,005	0,013	0,139	FALSE
-0,036	0,298	-0,002	0,013	0,050	FALSE
0,009	0,298	-0,001	0,013	0,024	FALSE
-0,011	0,299	-0,001	0,013	0,029	FALSE
-0,044	0,295	-0,002	0,013	0,067	FALSE
-0,014	0,287	-0,001	0,012	0,035	FALSE
0,077	0,286	0,003	0,012	0,090	FALSE
-0,072	0,286	-0,001	0,007	0,053	FALSE

-0,021	0,288	0,000	0,006	0,024	FALSE
-0,010	0,294	-0,001	0,007	0,062	FALSE
-0,106	0,284	-0,003	0,010	0,131	FALSE
0,058	0,303	0,001	0,009	0,029	FALSE
0,014	0,287	0,000	0,009	0,006	FALSE
0,082	0,294	0,004	0,013	0,116	FALSE
-0,171	0,276	-0,010	0,013	0,358	FALSE
-0,141	0,269	-0,009	0,012	0,326	FALSE
-0,165	0,282	-0,009	0,013	0,328	FALSE
-0,141	0,278	-0,009	0,013	0,307	FALSE
0,013	0,285	-0,002	0,010	0,067	FALSE
-0,063	0,296	-0,004	0,009	0,155	FALSE
-0,162	0,277	-0,005	0,012	0,165	FALSE
-0,020	0,294	0,000	0,011	0,012	FALSE
-0,070	0,288	-0,002	0,012	0,051	FALSE
-0,011	0,293	0,000	0,013	0,001	FALSE
-0,099	0,278	-0,005	0,012	0,170	FALSE
-0,080	0,294	-0,003	0,007	0,158	FALSE
-0,022	0,289	-0,003	0,011	0,087	FALSE
-0,183	0,280	-0,006	0,011	0,213	FALSE
0,138	0,279	0,007	0,011	0,285	FALSE
-0,183	0,279	-0,004	0,007	0,251	FALSE
-0,019	0,301	0,001	0,008	0,025	FALSE
-0,116	0,282	-0,004	0,011	0,130	FALSE
-0,162	0,284	-0,005	0,009	0,214	FALSE
0,031	0,291	0,001	0,009	0,024	FALSE
0,091	0,299	0,002	0,010	0,066	FALSE
-0,051	0,279	-0,001	0,007	0,044	FALSE
-0,044	0,293	-0,002	0,013	0,058	FALSE
-0,052	0,297	-0,003	0,010	0,126	FALSE
-0,104	0,291	-0,004	0,012	0,147	FALSE
-0,019	0,302	0,000	0,007	0,014	FALSE
-0,044	0,301	-0,001	0,007	0,037	FALSE
-0,082	0,292	-0,002	0,007	0,096	FALSE
-0,138	0,289	-0,005	0,011	0,205	FALSE
-0,026	0,294	-0,002	0,011	0,076	FALSE
0,112	0,286	0,006	0,012	0,195	FALSE
-0,055	0,307	-0,001	0,007	0,068	FALSE
0,041	0,280	0,002	0,006	0,099	FALSE
-0,046	0,290	-0,001	0,007	0,051	FALSE
-0,011	0,273	-0,001	0,010	0,028	FALSE
-0,004	0,295	0,000	0,011	0,008	FALSE
-0,031	0,287	0,000	0,007	0,008	FALSE
0,062	0,296	0,002	0,012	0,064	FALSE
-0,013	0,280	0,000	0,007	0,006	FALSE
-0,006	0,302	0,002	0,011	0,053	FALSE
-0,056	0,289	-0,002	0,008	0,073	FALSE
0,086	0,299	0,001	0,010	0,047	FALSE
0,031	0,285	0,001	0,006	0,077	FALSE
-0,080	0,298	-0,002	0,009	0,094	FALSE
-0,004	0,287	-0,001	0,010	0,027	FALSE
-0,045	0,293	-0,001	0,009	0,060	FALSE
-0,005	0,292	0,000	0,012	0,001	FALSE

-0,002	0,287	-0,001	0,011	0,029	FALSE
-0,018	0,299	-0,002	0,012	0,046	FALSE
0,084	0,291	0,004	0,011	0,166	FALSE
0,044	0,307	0,002	0,007	0,094	FALSE
0,063	0,303	0,000	0,007	0,021	FALSE
0,033	0,302	0,002	0,011	0,069	FALSE
-0,056	0,282	0,000	0,012	0,002	FALSE
0,047	0,289	0,003	0,009	0,126	FALSE
-0,073	0,296	-0,002	0,013	0,048	FALSE
-0,064	0,278	-0,003	0,008	0,128	FALSE
0,080	0,274	0,003	0,010	0,097	FALSE
0,047	0,298	0,000	0,007	0,004	FALSE
0,070	0,290	0,003	0,012	0,114	FALSE
0,068	0,287	0,004	0,012	0,151	FALSE
0,078	0,303	0,002	0,008	0,114	FALSE
-0,027	0,281	0,000	0,012	0,009	FALSE
-0,060	0,285	-0,001	0,009	0,046	FALSE
-0,001	0,289	0,000	0,006	0,012	FALSE
-0,028	0,290	0,000	0,009	0,004	FALSE
0,084	0,313	0,002	0,008	0,085	FALSE
-0,084	0,275	-0,003	0,007	0,149	FALSE
-0,087	0,291	-0,001	0,008	0,047	FALSE
0,022	0,303	0,001	0,013	0,031	FALSE
0,006	0,299	-0,002	0,009	0,076	FALSE
0,012	0,292	0,001	0,008	0,025	FALSE
-0,204	0,281	-0,005	0,008	0,292	FALSE
-0,181	0,283	-0,004	0,008	0,241	FALSE
0,031	0,273	0,000	0,009	0,016	FALSE
0,181	0,286	0,005	0,007	0,312	FALSE
0,031	0,295	0,002	0,008	0,082	FALSE
0,030	0,300	0,001	0,009	0,056	FALSE
0,020	0,299	0,001	0,010	0,053	FALSE
0,023	0,299	0,001	0,010	0,041	FALSE
0,098	0,305	0,002	0,008	0,101	FALSE
0,026	0,289	0,001	0,008	0,048	FALSE
0,024	0,282	0,001	0,010	0,048	FALSE
-0,126	0,285	-0,003	0,013	0,095	FALSE
-0,176	0,272	-0,004	0,012	0,142	FALSE
-0,097	0,296	-0,002	0,007	0,112	FALSE
-0,234	0,275	-0,007	0,010	0,295	FALSE
-0,174	0,276	-0,005	0,010	0,204	FALSE
0,091	0,300	0,002	0,008	0,084	FALSE
-0,006	0,295	0,000	0,007	0,008	FALSE
0,005	0,282	0,001	0,006	0,032	FALSE
0,013	0,303	0,001	0,010	0,045	FALSE
0,138	0,279	0,004	0,011	0,140	FALSE
-0,067	0,276	-0,001	0,009	0,061	FALSE
-0,069	0,279	-0,004	0,010	0,140	FALSE
0,055	0,291	0,002	0,007	0,115	FALSE
-0,086	0,284	-0,004	0,010	0,173	FALSE
-0,075	0,284	-0,004	0,011	0,162	FALSE
0,023	0,296	0,002	0,006	0,131	FALSE
-0,052	0,278	-0,003	0,013	0,077	FALSE

0,171	0,289	0,003	0,006	0,196	FALSE
0,122	0,288	0,003	0,009	0,143	FALSE
-0,035	0,296	-0,002	0,013	0,071	FALSE
-0,071	0,293	-0,004	0,013	0,108	FALSE
-0,093	0,293	-0,005	0,012	0,157	FALSE
-0,027	0,289	0,000	0,012	0,009	FALSE
0,135	0,269	0,005	0,007	0,305	FALSE
-0,124	0,285	-0,003	0,010	0,142	FALSE
-0,008	0,308	0,001	0,009	0,030	FALSE
0,007	0,290	0,001	0,008	0,058	FALSE
0,080	0,288	0,005	0,013	0,143	FALSE
-0,024	0,300	-0,001	0,008	0,070	FALSE
-0,107	0,283	-0,003	0,011	0,106	FALSE
-0,035	0,300	-0,002	0,013	0,050	FALSE
-0,071	0,284	-0,003	0,011	0,114	FALSE
0,115	0,293	0,002	0,012	0,079	FALSE
-0,078	0,290	-0,001	0,009	0,037	FALSE
0,092	0,296	0,000	0,008	0,012	FALSE
-0,106	0,275	-0,002	0,007	0,133	FALSE
-0,160	0,284	-0,005	0,012	0,166	FALSE
0,116	0,289	0,003	0,008	0,154	FALSE
-0,081	0,298	-0,003	0,010	0,107	FALSE
-0,100	0,289	-0,004	0,011	0,130	FALSE
0,015	0,312	-0,001	0,008	0,054	FALSE
0,135	0,286	0,004	0,008	0,196	FALSE
0,122	0,288	0,001	0,007	0,062	FALSE
-0,066	0,285	-0,005	0,011	0,197	FALSE
0,002	0,284	0,001	0,010	0,025	FALSE
0,016	0,284	0,002	0,010	0,085	FALSE
-0,013	0,287	0,002	0,012	0,047	FALSE
0,048	0,284	0,002	0,007	0,081	FALSE
-0,150	0,293	-0,006	0,012	0,211	FALSE
-0,129	0,296	-0,005	0,012	0,196	FALSE
0,088	0,290	0,003	0,007	0,174	FALSE
-0,068	0,287	-0,001	0,008	0,052	FALSE
-0,071	0,289	-0,003	0,008	0,117	FALSE
0,027	0,298	-0,001	0,011	0,017	FALSE
-0,059	0,306	-0,002	0,011	0,080	FALSE
-0,093	0,288	-0,004	0,010	0,160	FALSE
0,022	0,282	0,001	0,007	0,039	FALSE
0,083	0,294	0,004	0,009	0,166	FALSE
0,097	0,296	0,002	0,007	0,081	FALSE
0,077	0,284	0,003	0,012	0,116	FALSE
-0,082	0,301	-0,001	0,009	0,025	FALSE
0,101	0,311	0,001	0,007	0,075	FALSE
-0,021	0,287	0,000	0,009	0,015	FALSE
-0,035	0,274	0,000	0,009	0,002	FALSE
-0,042	0,301	-0,003	0,013	0,087	FALSE
0,070	0,287	0,003	0,007	0,170	FALSE
0,040	0,284	0,004	0,012	0,154	FALSE
0,046	0,282	0,004	0,012	0,144	FALSE
-0,166	0,293	-0,009	0,013	0,307	FALSE
-0,095	0,293	-0,005	0,011	0,181	FALSE

-0,081	0,291	-0,004	0,010	0,139	FALSE
0,068	0,290	-0,001	0,007	0,048	FALSE
-0,147	0,278	-0,005	0,012	0,176	FALSE
-0,151	0,288	-0,005	0,011	0,183	FALSE
0,168	0,283	0,005	0,008	0,278	FALSE
-0,029	0,288	-0,002	0,012	0,070	FALSE
-0,078	0,285	-0,003	0,008	0,143	FALSE
-0,017	0,316	-0,001	0,012	0,031	FALSE
0,103	0,282	0,004	0,009	0,196	FALSE
-0,043	0,286	-0,001	0,006	0,039	FALSE
0,087	0,298	0,002	0,010	0,094	FALSE
0,020	0,298	-0,001	0,010	0,032	FALSE
0,065	0,290	0,004	0,013	0,112	FALSE
-0,001	0,294	-0,001	0,009	0,041	FALSE
0,127	0,289	0,004	0,010	0,155	FALSE
-0,098	0,289	-0,002	0,009	0,064	FALSE
0,025	0,292	0,004	0,012	0,120	FALSE
0,136	0,306	0,004	0,008	0,245	FALSE
0,012	0,293	0,000	0,008	0,023	FALSE
-0,105	0,300	-0,003	0,008	0,140	FALSE
-0,024	0,292	0,001	0,013	0,018	FALSE
0,052	0,287	-0,001	0,007	0,039	FALSE
-0,054	0,288	-0,003	0,013	0,104	FALSE
0,050	0,285	0,000	0,013	0,003	FALSE
0,059	0,303	0,000	0,011	0,016	FALSE
-0,033	0,291	0,000	0,008	0,009	FALSE
-0,023	0,288	0,000	0,008	0,004	FALSE
0,024	0,291	0,001	0,008	0,043	FALSE
-0,099	0,280	-0,001	0,010	0,053	FALSE
-0,100	0,293	-0,002	0,006	0,144	FALSE
-0,070	0,291	0,000	0,007	0,020	FALSE
-0,154	0,279	-0,005	0,013	0,148	FALSE
0,095	0,295	0,003	0,008	0,133	FALSE
0,062	0,297	0,004	0,012	0,148	FALSE
0,066	0,295	0,004	0,012	0,150	FALSE
0,101	0,299	0,002	0,011	0,082	FALSE
-0,101	0,275	-0,003	0,011	0,105	FALSE
-0,138	0,281	-0,004	0,010	0,179	FALSE
-0,107	0,276	-0,003	0,011	0,100	FALSE
0,102	0,285	0,005	0,012	0,155	FALSE
-0,059	0,281	-0,003	0,010	0,128	FALSE
0,108	0,292	0,002	0,006	0,137	FALSE
-0,036	0,275	-0,002	0,008	0,089	FALSE
-0,064	0,287	-0,001	0,008	0,044	FALSE
-0,047	0,278	-0,002	0,009	0,098	FALSE
-0,077	0,274	-0,003	0,009	0,143	FALSE
-0,206	0,281	-0,009	0,012	0,353	FALSE
-0,066	0,269	-0,002	0,008	0,128	FALSE
-0,051	0,298	-0,003	0,008	0,137	FALSE
-0,074	0,275	-0,003	0,008	0,180	FALSE
0,058	0,300	0,002	0,010	0,056	FALSE
-0,091	0,299	-0,002	0,007	0,087	FALSE
-0,060	0,285	0,000	0,008	0,022	FALSE

0,090	0,283	0,002	0,011	0,059	FALSE
-0,111	0,274	-0,002	0,011	0,052	FALSE
0,037	0,282	0,002	0,010	0,061	FALSE
-0,013	0,281	-0,001	0,009	0,021	FALSE
0,043	0,276	0,001	0,011	0,051	FALSE
0,117	0,285	0,005	0,012	0,187	FALSE
0,107	0,288	0,002	0,008	0,087	FALSE
0,004	0,280	0,001	0,007	0,071	FALSE
0,030	0,290	0,003	0,012	0,092	FALSE
0,105	0,299	0,003	0,010	0,101	FALSE
-0,110	0,271	-0,002	0,008	0,115	FALSE
0,155	0,276	0,004	0,010	0,186	FALSE
-0,073	0,294	-0,003	0,007	0,158	FALSE
0,097	0,279	0,003	0,012	0,114	FALSE
-0,087	0,275	-0,001	0,006	0,059	FALSE
0,097	0,289	0,003	0,007	0,166	FALSE
0,067	0,292	0,001	0,006	0,065	FALSE
-0,110	0,288	-0,003	0,011	0,095	FALSE
0,072	0,292	0,000	0,011	0,006	FALSE
-0,004	0,290	0,000	0,007	0,012	FALSE
0,092	0,281	0,002	0,008	0,107	FALSE
-0,085	0,289	-0,002	0,012	0,072	FALSE
0,069	0,290	0,002	0,008	0,086	FALSE
-0,018	0,292	-0,003	0,009	0,125	FALSE
0,115	0,289	0,002	0,010	0,079	FALSE
-0,183	0,270	-0,003	0,007	0,188	FALSE
-0,113	0,280	-0,005	0,013	0,149	FALSE
-0,037	0,291	-0,001	0,007	0,043	FALSE
-0,081	0,288	-0,001	0,007	0,029	FALSE
-0,088	0,290	-0,002	0,012	0,066	FALSE
0,088	0,293	0,002	0,008	0,113	FALSE
-0,092	0,293	-0,003	0,011	0,119	FALSE
0,093	0,293	0,002	0,013	0,070	FALSE
0,108	0,288	0,003	0,012	0,091	FALSE
0,034	0,286	0,001	0,010	0,045	FALSE
0,108	0,292	0,004	0,012	0,128	FALSE
0,071	0,296	0,003	0,011	0,086	FALSE
0,053	0,295	0,001	0,007	0,049	FALSE
0,044	0,285	0,001	0,006	0,049	FALSE
0,068	0,299	0,003	0,012	0,107	FALSE
0,009	0,292	0,001	0,012	0,043	FALSE
0,058	0,301	0,003	0,011	0,087	FALSE
-0,065	0,292	-0,003	0,010	0,099	FALSE
0,060	0,303	0,004	0,013	0,126	FALSE
0,125	0,290	0,004	0,011	0,158	FALSE
0,167	0,284	0,007	0,012	0,262	FALSE
0,070	0,289	0,000	0,007	0,024	FALSE
0,021	0,313	0,001	0,013	0,034	FALSE
0,126	0,282	0,004	0,011	0,150	FALSE
0,060	0,293	0,004	0,010	0,138	FALSE
-0,044	0,292	-0,002	0,013	0,056	FALSE
0,066	0,273	0,004	0,009	0,183	FALSE
0,077	0,290	0,002	0,008	0,110	FALSE

-0,106	0,293	-0,003	0,008	0,150	FALSE
0,160	0,288	0,003	0,006	0,186	FALSE
0,092	0,294	0,002	0,007	0,105	FALSE
-0,012	0,279	0,000	0,012	0,004	FALSE
-0,117	0,303	-0,003	0,008	0,165	FALSE
-0,066	0,269	-0,003	0,011	0,116	FALSE
-0,078	0,309	-0,003	0,008	0,146	FALSE
-0,041	0,292	-0,003	0,012	0,080	FALSE
0,156	0,272	0,002	0,006	0,139	FALSE
0,119	0,285	0,005	0,009	0,205	FALSE
0,224	0,266	0,008	0,011	0,329	FALSE
0,083	0,284	0,003	0,009	0,138	FALSE
0,005	0,293	0,001	0,007	0,072	FALSE
0,002	0,290	-0,002	0,009	0,072	FALSE
0,056	0,293	0,000	0,012	0,000	FALSE
0,070	0,292	0,001	0,013	0,027	FALSE
0,102	0,294	0,003	0,009	0,126	FALSE
-0,007	0,283	-0,001	0,006	0,057	FALSE
-0,076	0,293	-0,003	0,007	0,190	FALSE
0,191	0,273	0,006	0,011	0,246	FALSE
0,128	0,284	0,003	0,012	0,110	FALSE
0,110	0,298	0,003	0,012	0,077	FALSE
-0,040	0,306	-0,002	0,009	0,090	FALSE
0,028	0,292	0,000	0,007	0,013	FALSE
0,076	0,301	0,001	0,007	0,060	FALSE
-0,208	0,272	-0,003	0,006	0,226	FALSE
0,091	0,284	0,005	0,013	0,165	FALSE
-0,141	0,276	-0,003	0,006	0,171	FALSE
-0,135	0,272	-0,008	0,011	0,293	FALSE
0,070	0,286	0,002	0,007	0,122	FALSE
-0,129	0,284	-0,004	0,012	0,143	FALSE
-0,078	0,288	-0,002	0,008	0,098	FALSE
-0,038	0,289	-0,002	0,009	0,079	FALSE
0,118	0,293	0,006	0,013	0,176	FALSE
0,035	0,292	0,001	0,013	0,018	FALSE
0,099	0,291	0,005	0,012	0,173	FALSE
-0,074	0,295	-0,002	0,008	0,088	FALSE
0,032	0,287	0,001	0,013	0,035	FALSE
-0,082	0,284	-0,001	0,007	0,062	FALSE
0,063	0,296	0,003	0,013	0,080	FALSE
0,028	0,305	0,001	0,007	0,036	FALSE
-0,087	0,299	-0,003	0,009	0,149	FALSE
-0,121	0,283	-0,003	0,008	0,156	FALSE
-0,018	0,301	0,000	0,009	0,015	FALSE
-0,023	0,286	-0,001	0,007	0,073	FALSE
0,025	0,294	0,001	0,012	0,025	FALSE
-0,013	0,287	0,001	0,013	0,015	FALSE
-0,032	0,296	0,000	0,012	0,004	FALSE
-0,008	0,294	0,001	0,012	0,017	FALSE
-0,084	0,289	-0,002	0,007	0,091	FALSE
0,031	0,278	0,000	0,009	0,003	FALSE
-0,123	0,287	-0,004	0,010	0,154	FALSE
-0,030	0,292	-0,002	0,007	0,093	FALSE

0,068	0,296	0,002	0,008	0,106	FALSE
0,029	0,291	0,002	0,012	0,068	FALSE
0,018	0,295	0,001	0,013	0,018	FALSE
0,063	0,295	0,002	0,008	0,089	FALSE
0,088	0,281	0,005	0,011	0,165	FALSE
0,089	0,282	0,002	0,010	0,091	FALSE
-0,016	0,296	0,001	0,007	0,032	FALSE
-0,098	0,285	-0,002	0,011	0,064	FALSE
0,063	0,295	0,001	0,007	0,058	FALSE
0,041	0,278	0,001	0,008	0,055	FALSE
0,004	0,300	0,000	0,008	0,002	FALSE
0,008	0,285	0,000	0,008	0,002	FALSE
-0,057	0,296	-0,002	0,011	0,068	FALSE
0,106	0,295	0,001	0,008	0,039	FALSE
-0,068	0,286	-0,003	0,008	0,121	FALSE
-0,108	0,296	-0,004	0,012	0,138	FALSE
-0,111	0,286	-0,002	0,008	0,114	FALSE
0,028	0,267	-0,002	0,011	0,057	FALSE
-0,051	0,283	-0,001	0,008	0,031	FALSE
-0,024	0,290	-0,002	0,011	0,067	FALSE
0,004	0,277	0,001	0,008	0,042	FALSE
0,046	0,289	0,002	0,011	0,064	FALSE
0,025	0,281	0,001	0,010	0,033	FALSE
0,138	0,286	0,007	0,012	0,241	FALSE
0,051	0,286	0,004	0,011	0,124	FALSE
-0,035	0,296	-0,002	0,012	0,057	FALSE
0,015	0,303	0,001	0,012	0,031	FALSE
0,052	0,284	0,002	0,007	0,101	FALSE
0,011	0,291	0,001	0,007	0,046	FALSE
-0,043	0,291	-0,001	0,010	0,019	FALSE
0,069	0,283	0,003	0,011	0,104	FALSE
-0,010	0,277	0,001	0,012	0,019	FALSE
0,107	0,296	0,002	0,009	0,096	FALSE
0,066	0,291	0,002	0,007	0,109	FALSE
-0,026	0,289	-0,001	0,011	0,026	FALSE
0,032	0,277	0,001	0,009	0,031	FALSE
0,045	0,299	0,002	0,009	0,075	FALSE
-0,163	0,284	-0,004	0,010	0,157	FALSE
-0,067	0,297	-0,002	0,012	0,061	FALSE
0,176	0,280	0,007	0,011	0,310	FALSE
0,028	0,285	0,000	0,013	0,013	FALSE
0,066	0,289	0,001	0,010	0,047	FALSE
0,038	0,291	-0,001	0,010	0,033	FALSE
0,063	0,280	0,000	0,006	0,001	FALSE
0,213	0,279	0,007	0,013	0,209	FALSE
0,139	0,289	0,005	0,011	0,169	FALSE
-0,100	0,280	-0,002	0,008	0,088	FALSE
-0,022	0,294	-0,001	0,008	0,067	FALSE
0,070	0,292	0,002	0,007	0,114	FALSE
0,012	0,283	0,000	0,008	0,001	FALSE
-0,129	0,306	-0,003	0,010	0,126	FALSE
-0,085	0,282	-0,004	0,012	0,128	FALSE
0,111	0,277	0,004	0,007	0,211	FALSE

-0,068	0,291	-0,003	0,012	0,108	FALSE
-0,089	0,287	-0,003	0,011	0,111	FALSE
-0,031	0,305	-0,001	0,014	0,040	FALSE
-0,033	0,287	-0,001	0,009	0,038	FALSE
-0,111	0,287	-0,002	0,007	0,104	FALSE
-0,006	0,280	0,001	0,011	0,023	FALSE
-0,043	0,298	-0,001	0,009	0,044	FALSE
0,094	0,291	0,006	0,013	0,197	FALSE
0,085	0,284	0,005	0,013	0,170	FALSE
-0,158	0,281	-0,004	0,009	0,195	FALSE
0,012	0,287	0,001	0,007	0,081	FALSE
0,013	0,292	0,000	0,012	0,004	FALSE
-0,085	0,285	-0,002	0,010	0,080	FALSE
-0,014	0,284	0,001	0,008	0,022	FALSE
0,046	0,292	0,000	0,012	0,005	FALSE
-0,053	0,291	-0,001	0,009	0,026	FALSE
-0,092	0,278	-0,002	0,008	0,074	FALSE
0,075	0,293	0,003	0,011	0,113	FALSE
-0,050	0,290	0,000	0,011	0,012	FALSE
0,059	0,278	0,002	0,008	0,085	FALSE
-0,021	0,290	0,001	0,007	0,029	FALSE
-0,003	0,284	0,000	0,009	0,019	FALSE
0,008	0,283	0,001	0,009	0,024	FALSE
-0,010	0,277	0,001	0,012	0,030	FALSE
-0,016	0,286	-0,005	0,013	0,152	FALSE
-0,005	0,298	0,000	0,007	0,006	FALSE
-0,020	0,285	0,002	0,012	0,047	FALSE
0,090	0,297	0,004	0,008	0,183	FALSE
0,052	0,288	0,001	0,013	0,041	FALSE
-0,100	0,290	-0,002	0,008	0,103	FALSE
-0,029	0,286	0,001	0,012	0,022	FALSE
0,057	0,276	0,001	0,011	0,042	FALSE
-0,174	0,273	-0,008	0,011	0,339	FALSE
0,127	0,280	0,008	0,013	0,266	FALSE
-0,158	0,281	-0,005	0,008	0,273	FALSE
-0,012	0,299	0,000	0,012	0,010	FALSE
0,091	0,291	0,003	0,013	0,090	FALSE
0,068	0,288	0,001	0,008	0,041	FALSE
0,103	0,295	0,004	0,013	0,139	FALSE
0,104	0,289	0,004	0,011	0,134	FALSE
-0,012	0,290	0,000	0,008	0,016	FALSE
0,126	0,289	0,004	0,012	0,126	FALSE
-0,044	0,294	-0,002	0,008	0,071	FALSE
-0,078	0,296	-0,002	0,013	0,051	FALSE
0,095	0,284	0,005	0,010	0,184	FALSE
-0,114	0,297	-0,003	0,009	0,137	FALSE
-0,071	0,279	-0,002	0,012	0,078	FALSE
-0,019	0,302	-0,001	0,007	0,069	FALSE
-0,061	0,292	-0,001	0,007	0,028	FALSE
0,019	0,283	0,001	0,008	0,040	FALSE
-0,045	0,292	-0,001	0,009	0,039	FALSE
-0,192	0,283	-0,006	0,012	0,230	FALSE
-0,075	0,280	-0,001	0,008	0,044	FALSE

-0,053	0,286	-0,001	0,007	0,043	FALSE
0,072	0,286	0,002	0,012	0,069	FALSE
-0,022	0,300	0,000	0,008	0,009	FALSE
-0,054	0,287	-0,001	0,011	0,030	FALSE
0,107	0,288	0,005	0,012	0,174	FALSE
0,080	0,299	0,002	0,009	0,075	FALSE
-0,025	0,278	-0,001	0,006	0,064	FALSE
0,149	0,284	0,004	0,011	0,149	FALSE
-0,058	0,291	-0,001	0,011	0,049	FALSE
-0,044	0,286	-0,001	0,011	0,048	FALSE
0,104	0,290	0,005	0,010	0,181	FALSE
-0,084	0,296	-0,004	0,009	0,172	FALSE
0,044	0,275	0,001	0,008	0,060	FALSE
0,044	0,290	0,002	0,008	0,109	FALSE
0,019	0,300	0,001	0,006	0,079	FALSE
-0,089	0,282	-0,003	0,009	0,118	FALSE
0,051	0,291	0,002	0,007	0,119	FALSE
-0,097	0,289	-0,003	0,009	0,123	FALSE
0,077	0,287	0,003	0,011	0,107	FALSE
0,049	0,275	0,002	0,007	0,082	FALSE
0,046	0,288	0,001	0,012	0,039	FALSE
-0,098	0,277	-0,004	0,009	0,199	FALSE
-0,084	0,291	-0,004	0,009	0,160	FALSE
-0,101	0,287	-0,004	0,009	0,200	FALSE
-0,142	0,290	-0,002	0,008	0,096	FALSE
0,163	0,294	0,004	0,006	0,242	FALSE
0,091	0,288	0,002	0,010	0,090	FALSE
-0,009	0,303	-0,001	0,013	0,015	FALSE
0,096	0,287	0,004	0,013	0,126	FALSE
0,059	0,281	0,003	0,009	0,116	FALSE
0,078	0,286	0,003	0,013	0,096	FALSE
0,074	0,280	0,003	0,011	0,115	FALSE
0,099	0,284	0,003	0,008	0,134	FALSE
0,064	0,299	0,002	0,009	0,067	FALSE
0,010	0,284	-0,001	0,006	0,046	FALSE
-0,047	0,282	-0,001	0,006	0,039	FALSE
-0,079	0,290	-0,003	0,010	0,110	FALSE
-0,138	0,284	-0,007	0,011	0,288	FALSE
0,161	0,271	0,007	0,011	0,300	FALSE
0,204	0,292	0,008	0,012	0,321	FALSE
-0,125	0,297	-0,004	0,008	0,203	FALSE
0,007	0,297	0,000	0,007	0,000	FALSE
-0,130	0,287	-0,004	0,008	0,203	FALSE
-0,165	0,280	-0,006	0,012	0,213	FALSE
-0,133	0,294	-0,004	0,007	0,233	FALSE
-0,064	0,287	-0,001	0,008	0,059	FALSE
-0,124	0,284	-0,005	0,013	0,150	FALSE
-0,007	0,293	0,000	0,007	0,009	FALSE
0,084	0,294	0,002	0,012	0,077	FALSE
0,126	0,284	0,005	0,012	0,153	FALSE
0,075	0,278	0,002	0,012	0,071	FALSE
0,034	0,295	0,000	0,010	0,014	FALSE
-0,081	0,295	-0,003	0,011	0,107	FALSE

-0,049	0,285	-0,002	0,011	0,077	FALSE
-0,070	0,290	-0,003	0,011	0,097	FALSE
0,088	0,291	0,005	0,012	0,153	FALSE
0,034	0,290	0,001	0,013	0,022	FALSE
-0,018	0,297	-0,001	0,013	0,020	FALSE
-0,086	0,276	-0,004	0,008	0,192	FALSE
0,018	0,294	0,000	0,012	0,007	FALSE
-0,106	0,289	-0,004	0,011	0,164	FALSE
-0,072	0,277	-0,004	0,010	0,168	FALSE
0,004	0,286	0,001	0,011	0,022	FALSE
-0,042	0,282	-0,001	0,007	0,052	FALSE
0,068	0,289	0,003	0,012	0,087	FALSE
-0,070	0,293	-0,001	0,007	0,051	FALSE
-0,079	0,290	-0,004	0,013	0,133	FALSE
-0,036	0,272	0,000	0,012	0,011	FALSE
-0,068	0,285	-0,003	0,013	0,082	FALSE
0,145	0,280	0,007	0,012	0,240	FALSE
-0,002	0,296	0,001	0,012	0,030	FALSE
-0,022	0,305	-0,001	0,006	0,040	FALSE
-0,012	0,292	0,000	0,007	0,020	FALSE
-0,080	0,288	-0,001	0,009	0,038	FALSE
-0,017	0,295	-0,002	0,008	0,067	FALSE
-0,120	0,292	-0,002	0,006	0,162	FALSE
0,167	0,283	0,006	0,012	0,234	FALSE
-0,099	0,286	-0,004	0,012	0,157	FALSE
-0,032	0,291	-0,003	0,009	0,130	FALSE
-0,012	0,296	0,002	0,012	0,046	FALSE
-0,088	0,299	-0,001	0,008	0,070	FALSE
0,027	0,282	0,001	0,007	0,050	FALSE
0,067	0,293	0,000	0,009	0,011	FALSE
-0,018	0,292	0,000	0,012	0,012	FALSE
-0,026	0,291	-0,001	0,007	0,069	FALSE
-0,108	0,286	-0,004	0,010	0,151	FALSE
-0,089	0,282	-0,003	0,009	0,152	FALSE
-0,173	0,276	-0,006	0,010	0,255	FALSE
-0,072	0,293	-0,003	0,011	0,099	FALSE
0,069	0,305	0,003	0,013	0,098	FALSE
0,064	0,285	0,003	0,012	0,117	FALSE
0,066	0,294	0,004	0,012	0,129	FALSE
0,029	0,290	0,000	0,012	0,008	FALSE
-0,110	0,292	-0,002	0,008	0,103	FALSE
0,039	0,295	0,001	0,008	0,040	FALSE
-0,030	0,286	-0,001	0,006	0,055	FALSE
-0,040	0,289	-0,002	0,009	0,087	FALSE
0,167	0,279	0,005	0,010	0,211	FALSE
0,042	0,293	0,004	0,012	0,114	FALSE
-0,065	0,304	-0,001	0,010	0,047	FALSE
-0,075	0,278	-0,002	0,007	0,103	FALSE
-0,198	0,287	-0,009	0,013	0,328	FALSE
0,031	0,273	0,000	0,009	0,016	FALSE
0,019	0,279	0,000	0,008	0,012	FALSE
0,080	0,301	0,002	0,009	0,088	FALSE
-0,115	0,286	-0,004	0,012	0,118	FALSE

-0,115	0,296	-0,003	0,012	0,107	FALSE
0,147	0,289	0,004	0,008	0,231	FALSE
0,100	0,283	0,001	0,011	0,028	FALSE
0,089	0,275	0,001	0,011	0,029	FALSE
0,104	0,275	0,001	0,012	0,025	FALSE
0,046	0,303	0,001	0,008	0,070	FALSE
-0,094	0,281	-0,003	0,012	0,094	FALSE
0,169	0,300	0,005	0,013	0,173	FALSE
0,045	0,296	0,002	0,010	0,076	FALSE
0,143	0,280	0,005	0,013	0,166	FALSE
0,212	0,281	0,008	0,012	0,283	FALSE
0,069	0,294	0,003	0,012	0,090	FALSE
-0,063	0,296	-0,003	0,010	0,117	FALSE
-0,009	0,283	0,000	0,008	0,023	FALSE
-0,011	0,284	-0,001	0,011	0,048	FALSE
-0,053	0,303	-0,002	0,013	0,055	FALSE
0,022	0,290	0,001	0,009	0,033	FALSE
-0,070	0,285	-0,001	0,011	0,037	FALSE
-0,059	0,284	-0,003	0,012	0,100	FALSE
0,075	0,288	0,004	0,012	0,130	FALSE
0,123	0,296	0,003	0,010	0,121	FALSE
0,134	0,293	0,004	0,009	0,177	FALSE
-0,033	0,293	-0,001	0,007	0,030	FALSE
0,154	0,294	0,004	0,009	0,178	FALSE
0,233	0,279	0,010	0,011	0,413	FALSE
0,143	0,281	0,007	0,013	0,226	FALSE
0,094	0,274	0,006	0,012	0,218	FALSE
0,127	0,285	0,005	0,010	0,216	FALSE
-0,043	0,290	0,001	0,008	0,030	FALSE
0,047	0,289	0,002	0,013	0,048	FALSE
0,021	0,313	0,000	0,013	0,003	FALSE
0,079	0,298	0,002	0,012	0,063	FALSE
0,024	0,304	0,000	0,014	0,008	FALSE
-0,032	0,289	-0,001	0,013	0,033	FALSE
0,058	0,290	0,001	0,009	0,032	FALSE
-0,026	0,291	-0,002	0,011	0,053	FALSE
-0,129	0,290	-0,002	0,006	0,153	FALSE
-0,078	0,291	-0,003	0,011	0,107	FALSE
0,070	0,286	0,004	0,009	0,185	FALSE
0,120	0,273	0,010	0,013	0,341	FALSE
0,049	0,267	0,005	0,010	0,193	FALSE
0,056	0,311	0,002	0,010	0,084	FALSE
-0,062	0,290	-0,001	0,006	0,057	FALSE
-0,047	0,275	-0,001	0,008	0,049	FALSE
-0,077	0,281	-0,002	0,006	0,135	FALSE
0,118	0,285	0,002	0,007	0,123	FALSE
0,030	0,299	0,003	0,011	0,110	FALSE
-0,092	0,280	-0,002	0,011	0,067	FALSE
0,052	0,272	0,003	0,012	0,097	FALSE
0,104	0,288	0,002	0,008	0,097	FALSE
-0,118	0,292	-0,003	0,008	0,156	FALSE
0,001	0,281	0,000	0,006	0,010	FALSE
0,010	0,303	0,000	0,007	0,020	FALSE

-0,050	0,292	-0,001	0,009	0,031	FALSE
0,034	0,298	0,000	0,007	0,008	FALSE
-0,076	0,295	-0,003	0,010	0,131	FALSE
-0,039	0,286	0,000	0,010	0,007	FALSE
0,090	0,296	0,002	0,009	0,081	FALSE
-0,092	0,288	-0,002	0,009	0,073	FALSE
0,059	0,299	0,001	0,013	0,039	FALSE
-0,005	0,277	-0,001	0,009	0,028	FALSE
-0,047	0,285	-0,002	0,010	0,069	FALSE
0,126	0,294	0,005	0,010	0,195	FALSE
-0,186	0,277	-0,009	0,012	0,348	FALSE
-0,011	0,291	0,001	0,008	0,048	FALSE
-0,122	0,292	-0,006	0,013	0,205	FALSE
-0,191	0,278	-0,008	0,011	0,339	FALSE
0,017	0,279	0,000	0,008	0,005	FALSE
0,008	0,285	-0,002	0,011	0,059	FALSE
-0,084	0,287	-0,003	0,008	0,153	FALSE
-0,111	0,288	-0,001	0,010	0,050	FALSE
-0,088	0,290	-0,002	0,011	0,075	FALSE
-0,002	0,286	-0,001	0,013	0,039	FALSE
-0,054	0,287	-0,001	0,011	0,052	FALSE
0,058	0,286	0,004	0,011	0,141	FALSE
-0,147	0,291	-0,004	0,008	0,219	FALSE
-0,083	0,289	0,000	0,008	0,020	FALSE
0,042	0,285	0,001	0,006	0,061	FALSE
-0,012	0,300	-0,001	0,009	0,028	FALSE
0,093	0,272	0,002	0,009	0,067	FALSE
0,000	0,286	-0,001	0,006	0,053	FALSE
-0,009	0,287	0,000	0,007	0,005	FALSE
0,022	0,285	0,001	0,011	0,018	FALSE
0,088	0,290	0,004	0,012	0,144	FALSE
0,030	0,289	0,002	0,012	0,070	FALSE
-0,056	0,289	-0,001	0,009	0,052	FALSE
-0,076	0,277	-0,002	0,006	0,101	FALSE
-0,109	0,309	-0,003	0,013	0,076	FALSE
-0,086	0,295	-0,003	0,010	0,130	FALSE
-0,013	0,286	0,000	0,008	0,019	FALSE
-0,049	0,286	0,000	0,010	0,001	FALSE
0,008	0,297	-0,001	0,008	0,042	FALSE
-0,030	0,284	-0,002	0,012	0,046	FALSE
0,008	0,308	0,000	0,013	0,008	FALSE
-0,006	0,293	0,001	0,007	0,069	FALSE
-0,029	0,288	0,000	0,012	0,014	FALSE
-0,067	0,290	-0,003	0,013	0,103	FALSE
-0,032	0,285	0,001	0,010	0,054	FALSE
-0,077	0,277	-0,004	0,012	0,142	FALSE
-0,041	0,298	-0,002	0,007	0,087	FALSE
0,029	0,295	0,001	0,008	0,055	FALSE
0,024	0,291	0,001	0,009	0,026	FALSE
-0,165	0,277	-0,005	0,007	0,304	FALSE
-0,082	0,294	-0,001	0,013	0,023	FALSE
0,056	0,286	0,001	0,012	0,043	FALSE
0,111	0,294	0,003	0,012	0,096	FALSE

0,201	0,272	0,010	0,012	0,398	FALSE
0,122	0,301	0,003	0,008	0,171	FALSE
-0,088	0,270	-0,004	0,012	0,117	FALSE
0,058	0,282	0,003	0,013	0,093	FALSE
-0,062	0,298	-0,001	0,008	0,048	FALSE
0,015	0,278	-0,001	0,009	0,033	FALSE
0,177	0,283	0,007	0,012	0,251	FALSE
0,168	0,278	0,006	0,008	0,352	FALSE
0,162	0,287	0,004	0,008	0,229	FALSE
-0,103	0,268	-0,004	0,012	0,123	FALSE
0,072	0,293	0,003	0,010	0,104	FALSE
-0,001	0,276	-0,002	0,008	0,074	FALSE
0,003	0,277	-0,001	0,008	0,052	FALSE
-0,010	0,283	-0,001	0,007	0,067	FALSE
-0,147	0,280	-0,003	0,008	0,177	FALSE
0,107	0,291	0,004	0,011	0,152	FALSE
-0,041	0,277	-0,003	0,011	0,114	FALSE
0,007	0,295	0,001	0,009	0,057	FALSE
0,053	0,283	0,001	0,011	0,037	FALSE
-0,078	0,277	-0,003	0,012	0,096	FALSE
0,015	0,289	-0,001	0,008	0,041	FALSE
0,048	0,291	0,001	0,008	0,035	FALSE
0,041	0,285	0,001	0,008	0,065	FALSE
-0,101	0,282	-0,005	0,011	0,169	FALSE
-0,121	0,302	-0,006	0,013	0,187	FALSE
0,083	0,277	0,002	0,010	0,079	FALSE
0,039	0,293	0,002	0,009	0,080	FALSE
0,107	0,289	0,001	0,007	0,053	FALSE
-0,031	0,292	-0,002	0,009	0,074	FALSE
0,045	0,287	0,002	0,012	0,072	FALSE
0,018	0,292	0,001	0,012	0,032	FALSE
-0,036	0,298	-0,002	0,007	0,118	FALSE
-0,039	0,299	-0,001	0,007	0,057	FALSE
-0,013	0,289	-0,001	0,007	0,030	FALSE
0,086	0,291	0,002	0,006	0,108	FALSE
0,042	0,292	0,003	0,009	0,115	FALSE
-0,112	0,291	-0,003	0,012	0,093	FALSE
-0,033	0,290	0,000	0,007	0,020	FALSE
0,107	0,292	0,003	0,009	0,150	FALSE
0,138	0,283	0,003	0,008	0,139	FALSE
0,001	0,286	0,000	0,008	0,001	FALSE
-0,180	0,285	-0,003	0,008	0,186	FALSE
-0,082	0,286	-0,001	0,007	0,080	FALSE
-0,060	0,279	-0,001	0,010	0,054	FALSE
-0,102	0,277	-0,005	0,010	0,235	FALSE
0,039	0,290	0,003	0,011	0,097	FALSE
0,064	0,282	0,002	0,010	0,093	FALSE
0,043	0,299	0,002	0,013	0,048	FALSE
0,012	0,291	0,001	0,012	0,020	FALSE
0,048	0,276	0,001	0,008	0,057	FALSE
0,035	0,286	0,001	0,008	0,044	FALSE
-0,122	0,283	-0,003	0,006	0,219	FALSE
0,044	0,294	0,002	0,009	0,084	FALSE

-0,058	0,301	-0,002	0,011	0,083	FALSE
-0,026	0,285	0,000	0,006	0,021	FALSE
-0,029	0,288	0,000	0,013	0,010	FALSE
-0,141	0,284	-0,006	0,012	0,190	FALSE
-0,076	0,284	-0,002	0,010	0,084	FALSE
-0,044	0,292	-0,003	0,010	0,112	FALSE
0,025	0,295	0,002	0,013	0,069	FALSE
0,012	0,284	0,001	0,011	0,046	FALSE
-0,051	0,298	-0,002	0,012	0,070	FALSE
0,002	0,294	0,000	0,009	0,017	FALSE
0,026	0,287	0,001	0,007	0,040	FALSE
-0,079	0,283	-0,001	0,007	0,069	FALSE
0,002	0,296	0,001	0,013	0,034	FALSE
-0,175	0,279	-0,005	0,007	0,298	FALSE
0,042	0,292	0,002	0,008	0,085	FALSE
-0,162	0,268	-0,004	0,008	0,181	FALSE
0,081	0,288	0,002	0,010	0,063	FALSE
-0,113	0,292	-0,005	0,011	0,162	FALSE
0,044	0,294	0,000	0,007	0,010	FALSE
-0,026	0,304	0,000	0,013	0,005	FALSE
0,041	0,305	0,003	0,012	0,092	FALSE
0,057	0,274	0,002	0,009	0,089	FALSE
0,077	0,282	0,004	0,010	0,170	FALSE
-0,091	0,281	-0,001	0,012	0,042	FALSE
-0,045	0,293	-0,002	0,010	0,065	FALSE
-0,044	0,275	0,000	0,009	0,020	FALSE
-0,067	0,288	-0,002	0,009	0,062	FALSE
-0,004	0,297	0,001	0,007	0,026	FALSE
0,190	0,274	0,008	0,012	0,286	FALSE
0,063	0,281	0,002	0,008	0,096	FALSE
0,136	0,282	0,005	0,013	0,162	FALSE
-0,074	0,290	-0,001	0,008	0,054	FALSE
0,169	0,291	0,004	0,010	0,161	FALSE
-0,054	0,303	-0,001	0,013	0,027	FALSE
0,053	0,289	0,001	0,008	0,044	FALSE
0,013	0,295	0,000	0,009	0,008	FALSE
-0,016	0,289	0,001	0,012	0,019	FALSE
0,040	0,297	0,001	0,008	0,047	FALSE
0,044	0,302	0,000	0,008	0,019	FALSE
0,109	0,291	0,001	0,008	0,051	FALSE
0,087	0,295	0,002	0,010	0,057	FALSE
0,023	0,293	0,003	0,011	0,084	FALSE
0,102	0,291	0,003	0,008	0,138	FALSE
0,091	0,285	0,004	0,013	0,112	FALSE
0,116	0,301	0,002	0,007	0,103	FALSE
-0,069	0,283	-0,002	0,007	0,079	FALSE
-0,199	0,294	-0,005	0,008	0,275	FALSE
-0,006	0,295	-0,001	0,010	0,042	FALSE
0,132	0,292	0,003	0,007	0,158	FALSE
0,050	0,291	0,001	0,007	0,077	FALSE
-0,014	0,284	-0,001	0,007	0,076	FALSE
-0,068	0,283	-0,002	0,007	0,102	FALSE
0,067	0,288	0,004	0,012	0,135	FALSE

0,093	0,301	0,004	0,013	0,136	FALSE
0,010	0,293	0,000	0,008	0,002	FALSE
0,038	0,290	0,001	0,011	0,047	FALSE
0,025	0,308	0,001	0,011	0,040	FALSE
0,078	0,292	0,003	0,011	0,096	FALSE
0,102	0,294	0,003	0,007	0,180	FALSE
-0,074	0,280	-0,002	0,007	0,129	FALSE
-0,006	0,283	0,000	0,012	0,013	FALSE
-0,010	0,288	-0,001	0,011	0,036	FALSE
-0,056	0,296	-0,003	0,012	0,106	FALSE
-0,012	0,303	-0,001	0,008	0,038	FALSE
0,067	0,294	0,003	0,010	0,125	FALSE
0,077	0,297	0,003	0,010	0,120	FALSE
0,083	0,286	0,004	0,011	0,143	FALSE
-0,062	0,282	-0,003	0,012	0,078	FALSE
-0,146	0,273	-0,005	0,008	0,274	FALSE
-0,061	0,294	-0,001	0,007	0,065	FALSE
-0,061	0,284	-0,002	0,009	0,095	FALSE
0,037	0,300	0,002	0,009	0,059	FALSE
0,030	0,268	0,002	0,009	0,070	FALSE
0,084	0,296	0,003	0,010	0,124	FALSE
-0,075	0,292	-0,004	0,010	0,177	FALSE
-0,065	0,278	-0,002	0,008	0,068	FALSE
0,086	0,286	0,004	0,010	0,161	FALSE
-0,214	0,286	-0,004	0,007	0,257	FALSE
0,115	0,276	0,003	0,013	0,085	FALSE
0,096	0,284	0,001	0,010	0,038	FALSE
0,062	0,291	0,000	0,013	0,003	FALSE
0,058	0,282	0,001	0,012	0,036	FALSE
-0,116	0,287	-0,005	0,012	0,173	FALSE
0,055	0,287	0,002	0,011	0,056	FALSE
0,205	0,290	0,007	0,010	0,300	FALSE
0,094	0,281	0,003	0,012	0,083	FALSE
-0,072	0,287	-0,004	0,010	0,162	FALSE
0,015	0,293	0,001	0,007	0,050	FALSE
0,098	0,291	0,003	0,009	0,133	FALSE
-0,126	0,282	-0,004	0,009	0,202	FALSE
0,004	0,300	0,000	0,009	0,005	FALSE
0,046	0,280	0,001	0,012	0,030	FALSE
0,038	0,289	0,000	0,007	0,006	FALSE
-0,209	0,266	-0,006	0,008	0,298	FALSE
-0,118	0,291	-0,003	0,013	0,081	FALSE
0,041	0,288	0,002	0,007	0,109	FALSE
-0,008	0,284	0,001	0,008	0,033	FALSE
0,027	0,288	0,002	0,010	0,062	FALSE
-0,012	0,285	0,000	0,009	0,012	FALSE
-0,145	0,286	-0,005	0,011	0,185	FALSE
-0,251	0,285	-0,006	0,008	0,373	FALSE
-0,088	0,287	-0,002	0,007	0,121	FALSE
-0,044	0,293	-0,001	0,012	0,043	FALSE
-0,069	0,301	-0,002	0,011	0,057	FALSE
0,073	0,284	0,002	0,009	0,101	FALSE
0,017	0,299	0,001	0,011	0,049	FALSE

0,008	0,292	0,000	0,011	0,015	FALSE
-0,066	0,284	-0,003	0,012	0,077	FALSE
-0,013	0,285	0,001	0,006	0,034	FALSE
0,119	0,287	0,005	0,011	0,199	FALSE
-0,169	0,285	-0,007	0,011	0,285	FALSE
0,064	0,305	0,002	0,009	0,079	FALSE
0,084	0,294	0,003	0,011	0,089	FALSE
-0,039	0,289	-0,001	0,007	0,039	FALSE
-0,040	0,299	0,000	0,009	0,002	FALSE
0,047	0,287	0,002	0,008	0,088	FALSE
-0,056	0,288	-0,004	0,011	0,124	FALSE
-0,043	0,293	-0,003	0,010	0,107	FALSE
0,053	0,297	0,001	0,011	0,031	FALSE
0,019	0,284	0,000	0,008	0,005	FALSE
-0,038	0,283	0,000	0,007	0,022	FALSE
0,149	0,292	0,005	0,010	0,191	FALSE
-0,210	0,276	-0,004	0,008	0,247	FALSE
0,144	0,296	0,003	0,008	0,119	FALSE
0,019	0,274	0,001	0,010	0,031	FALSE
0,019	0,281	0,001	0,009	0,032	FALSE
-0,072	0,294	-0,001	0,010	0,034	FALSE
0,036	0,286	0,000	0,008	0,007	FALSE
-0,086	0,278	0,000	0,009	0,017	FALSE
-0,066	0,295	-0,002	0,010	0,086	FALSE
-0,060	0,283	-0,003	0,012	0,106	FALSE
-0,025	0,286	0,001	0,012	0,043	FALSE
-0,092	0,296	-0,003	0,007	0,195	FALSE
0,052	0,279	0,002	0,008	0,106	FALSE
-0,006	0,299	-0,002	0,009	0,084	FALSE
0,004	0,299	0,002	0,011	0,053	FALSE
0,031	0,274	0,005	0,012	0,166	FALSE
0,017	0,279	0,001	0,007	0,042	FALSE
-0,012	0,285	0,001	0,011	0,029	FALSE
0,071	0,292	0,000	0,008	0,008	FALSE
0,008	0,265	0,002	0,007	0,079	FALSE
0,044	0,283	0,002	0,009	0,102	FALSE
-0,061	0,297	-0,002	0,007	0,083	FALSE
0,074	0,289	0,002	0,007	0,123	FALSE
0,070	0,284	0,000	0,009	0,019	FALSE
-0,180	0,267	-0,007	0,009	0,350	FALSE
-0,025	0,286	0,001	0,007	0,034	FALSE
-0,139	0,277	-0,005	0,012	0,152	FALSE
-0,022	0,286	0,000	0,008	0,001	FALSE
0,040	0,301	0,002	0,010	0,084	FALSE
0,043	0,293	0,002	0,009	0,100	FALSE
0,071	0,293	0,001	0,013	0,028	FALSE
0,130	0,285	0,003	0,007	0,170	FALSE
-0,110	0,288	-0,004	0,009	0,155	FALSE
0,104	0,280	0,002	0,006	0,126	FALSE
-0,186	0,296	-0,007	0,013	0,225	FALSE
-0,126	0,290	-0,002	0,007	0,132	FALSE
-0,006	0,292	-0,001	0,009	0,051	FALSE
-0,084	0,293	-0,003	0,007	0,182	FALSE

0,077	0,305	0,003	0,013	0,096	FALSE
-0,072	0,279	-0,004	0,012	0,130	FALSE
-0,024	0,290	-0,001	0,009	0,063	FALSE
-0,054	0,298	-0,002	0,008	0,094	FALSE
-0,036	0,291	-0,001	0,013	0,015	FALSE
0,096	0,288	0,003	0,007	0,156	FALSE
0,016	0,296	0,001	0,009	0,028	FALSE
-0,002	0,290	0,000	0,009	0,014	FALSE
-0,044	0,290	0,000	0,012	0,006	FALSE
-0,069	0,273	-0,001	0,011	0,037	FALSE
0,077	0,284	0,002	0,009	0,099	FALSE
0,070	0,300	0,001	0,011	0,028	FALSE
0,057	0,292	0,000	0,011	0,004	FALSE
0,024	0,285	0,002	0,008	0,084	FALSE
-0,107	0,300	-0,002	0,008	0,124	FALSE
-0,054	0,294	-0,002	0,009	0,062	FALSE
-0,080	0,297	-0,002	0,012	0,066	FALSE
0,029	0,283	0,002	0,010	0,081	FALSE
0,080	0,279	0,001	0,007	0,068	FALSE
-0,132	0,296	-0,004	0,013	0,128	FALSE
-0,127	0,290	-0,004	0,013	0,118	FALSE
-0,130	0,290	-0,004	0,013	0,137	FALSE
-0,005	0,285	0,000	0,008	0,022	FALSE
-0,150	0,285	-0,003	0,006	0,218	FALSE
0,041	0,298	0,002	0,013	0,053	FALSE
0,000	0,293	0,000	0,007	0,001	FALSE
0,024	0,302	-0,001	0,008	0,027	FALSE
0,072	0,293	0,001	0,009	0,040	FALSE
-0,032	0,283	-0,001	0,007	0,055	FALSE
0,076	0,268	0,007	0,011	0,293	FALSE
-0,034	0,286	-0,002	0,013	0,043	FALSE
-0,055	0,291	0,001	0,010	0,037	FALSE
-0,002	0,297	0,000	0,006	0,026	FALSE
-0,147	0,289	-0,003	0,007	0,154	FALSE
0,048	0,305	0,003	0,013	0,089	FALSE
-0,039	0,285	-0,002	0,011	0,076	FALSE
-0,029	0,279	-0,002	0,013	0,050	FALSE
0,078	0,282	0,004	0,011	0,122	FALSE
0,011	0,309	0,000	0,008	0,019	FALSE
0,101	0,291	0,003	0,009	0,144	FALSE
0,095	0,274	0,003	0,008	0,135	FALSE
-0,086	0,283	-0,003	0,012	0,089	FALSE
-0,075	0,291	-0,001	0,006	0,034	FALSE
0,029	0,300	0,000	0,011	0,003	FALSE
0,058	0,290	0,003	0,012	0,079	FALSE
-0,073	0,289	-0,003	0,010	0,120	FALSE
-0,062	0,271	-0,003	0,010	0,105	FALSE
-0,126	0,296	-0,004	0,007	0,246	FALSE
-0,020	0,296	-0,001	0,007	0,053	FALSE
0,144	0,299	0,006	0,012	0,236	FALSE
0,075	0,282	0,004	0,011	0,139	FALSE
0,035	0,300	0,000	0,013	0,007	FALSE
0,048	0,279	0,003	0,010	0,118	FALSE

0,027	0,288	0,002	0,010	0,077	FALSE
0,025	0,285	0,002	0,011	0,062	FALSE
0,032	0,298	0,002	0,012	0,054	FALSE
0,080	0,288	0,002	0,009	0,082	FALSE
0,004	0,302	0,002	0,011	0,052	FALSE
0,082	0,293	0,002	0,007	0,095	FALSE
-0,164	0,289	-0,007	0,013	0,239	FALSE
0,019	0,295	0,002	0,013	0,061	FALSE
-0,184	0,284	-0,004	0,007	0,292	FALSE
-0,169	0,284	-0,007	0,012	0,243	FALSE
-0,032	0,291	-0,001	0,013	0,041	FALSE
-0,140	0,287	-0,006	0,013	0,212	FALSE
0,164	0,280	0,006	0,012	0,196	FALSE
-0,075	0,288	-0,003	0,009	0,109	FALSE
0,022	0,297	0,000	0,007	0,015	FALSE
0,016	0,287	0,000	0,007	0,011	FALSE
0,031	0,298	0,000	0,007	0,025	FALSE
0,007	0,299	0,001	0,013	0,040	FALSE
-0,187	0,282	-0,005	0,010	0,208	FALSE
-0,051	0,287	-0,002	0,009	0,066	FALSE
0,004	0,285	0,001	0,007	0,055	FALSE
0,000	0,292	0,000	0,007	0,008	FALSE
-0,032	0,289	-0,002	0,008	0,077	FALSE
0,061	0,294	0,002	0,012	0,062	FALSE
-0,013	0,296	0,001	0,012	0,029	FALSE
-0,004	0,297	-0,001	0,011	0,017	FALSE
-0,062	0,285	-0,001	0,007	0,036	FALSE
-0,050	0,291	-0,001	0,009	0,021	FALSE
0,066	0,280	0,001	0,007	0,064	FALSE
-0,154	0,292	-0,004	0,010	0,163	FALSE
0,052	0,287	0,002	0,007	0,093	FALSE
-0,016	0,287	-0,001	0,009	0,030	FALSE
-0,030	0,295	0,000	0,008	0,021	FALSE
-0,045	0,289	-0,002	0,011	0,080	FALSE
0,043	0,272	0,001	0,012	0,020	FALSE
0,086	0,286	0,002	0,011	0,065	FALSE
-0,124	0,283	-0,002	0,007	0,144	FALSE
0,063	0,301	0,002	0,013	0,074	FALSE
-0,042	0,285	-0,002	0,012	0,050	FALSE
0,060	0,292	0,003	0,009	0,118	FALSE
0,038	0,291	0,001	0,012	0,046	FALSE
-0,045	0,286	0,001	0,013	0,021	FALSE
-0,128	0,281	-0,004	0,006	0,260	FALSE
0,091	0,282	0,004	0,011	0,163	FALSE
-0,129	0,290	-0,004	0,010	0,145	FALSE
0,092	0,302	0,003	0,011	0,090	FALSE
0,211	0,301	0,005	0,007	0,284	FALSE
-0,067	0,291	-0,002	0,007	0,148	FALSE
-0,009	0,301	-0,001	0,010	0,042	FALSE
0,069	0,297	0,001	0,008	0,034	FALSE
-0,104	0,295	-0,005	0,011	0,207	FALSE
0,069	0,282	0,003	0,011	0,109	FALSE
-0,096	0,288	-0,001	0,006	0,071	FALSE

-0,022	0,283	-0,001	0,006	0,030	FALSE
-0,068	0,290	0,000	0,009	0,001	FALSE
-0,070	0,283	-0,002	0,007	0,116	FALSE
0,029	0,295	0,001	0,012	0,023	FALSE
0,034	0,296	0,001	0,012	0,036	FALSE
0,098	0,295	0,002	0,012	0,067	FALSE
-0,062	0,296	-0,004	0,012	0,115	FALSE
-0,130	0,293	-0,005	0,013	0,144	FALSE
-0,004	0,291	-0,001	0,013	0,017	FALSE
0,057	0,287	0,003	0,013	0,083	FALSE
-0,013	0,281	-0,001	0,007	0,034	FALSE
0,125	0,289	0,002	0,009	0,083	FALSE
-0,068	0,294	-0,003	0,011	0,105	FALSE
0,020	0,285	0,001	0,006	0,034	FALSE
-0,004	0,289	0,000	0,013	0,011	FALSE
-0,009	0,307	0,000	0,014	0,010	FALSE
0,021	0,304	0,002	0,013	0,053	FALSE
-0,013	0,296	-0,001	0,007	0,026	FALSE
0,079	0,312	0,001	0,007	0,063	FALSE
0,034	0,288	0,000	0,008	0,006	FALSE
-0,165	0,289	-0,007	0,013	0,220	FALSE
-0,090	0,278	-0,003	0,009	0,139	FALSE
0,031	0,299	0,001	0,008	0,024	FALSE
0,071	0,291	0,002	0,008	0,108	FALSE
-0,081	0,283	-0,001	0,007	0,058	FALSE
0,077	0,297	0,003	0,009	0,121	FALSE
0,026	0,289	-0,002	0,009	0,067	FALSE
0,021	0,278	0,000	0,008	0,022	FALSE
-0,059	0,299	-0,002	0,007	0,132	FALSE
-0,030	0,302	0,000	0,010	0,005	FALSE
0,011	0,281	0,000	0,008	0,020	FALSE
-0,117	0,291	-0,002	0,007	0,111	FALSE
0,096	0,282	0,002	0,007	0,126	FALSE
0,187	0,286	0,005	0,007	0,301	FALSE
0,009	0,300	0,000	0,009	0,014	FALSE
0,025	0,286	0,002	0,013	0,059	FALSE
0,040	0,284	0,002	0,010	0,067	FALSE
0,083	0,284	0,005	0,011	0,187	FALSE
0,045	0,300	0,001	0,012	0,022	FALSE
-0,034	0,273	-0,002	0,009	0,091	FALSE
0,034	0,278	0,003	0,010	0,127	FALSE
0,090	0,281	0,005	0,012	0,188	FALSE
-0,024	0,282	-0,003	0,012	0,081	FALSE
-0,195	0,279	-0,004	0,007	0,233	FALSE
-0,064	0,273	-0,003	0,010	0,101	FALSE
-0,209	0,295	-0,004	0,007	0,220	FALSE
0,013	0,303	0,000	0,009	0,018	FALSE
-0,129	0,282	-0,002	0,008	0,104	FALSE
0,068	0,278	-0,002	0,011	0,060	FALSE
0,017	0,271	0,004	0,012	0,146	FALSE
-0,023	0,282	0,001	0,012	0,035	FALSE
-0,011	0,284	-0,001	0,010	0,027	FALSE
0,019	0,295	-0,001	0,013	0,033	FALSE

-0,199	0,274	-0,005	0,008	0,270	FALSE
-0,053	0,273	0,001	0,013	0,019	FALSE
0,148	0,297	0,004	0,007	0,232	FALSE
0,064	0,279	0,001	0,008	0,063	FALSE
-0,045	0,298	0,000	0,007	0,004	FALSE
-0,047	0,277	0,000	0,007	0,008	FALSE
0,002	0,277	-0,001	0,006	0,034	FALSE
-0,001	0,289	0,002	0,011	0,072	FALSE
-0,026	0,284	-0,001	0,007	0,028	FALSE
-0,091	0,267	-0,003	0,009	0,153	FALSE
0,096	0,280	0,003	0,009	0,125	FALSE
0,064	0,298	0,002	0,008	0,083	FALSE
0,129	0,290	0,002	0,009	0,105	FALSE
0,074	0,282	0,002	0,009	0,079	FALSE
0,112	0,281	0,004	0,010	0,167	FALSE
-0,063	0,287	-0,001	0,009	0,033	FALSE
-0,033	0,283	-0,001	0,011	0,017	FALSE
0,114	0,294	0,005	0,011	0,171	FALSE
0,059	0,277	0,002	0,008	0,082	FALSE
0,021	0,306	0,000	0,011	0,013	FALSE
0,035	0,306	0,002	0,010	0,056	FALSE
-0,109	0,289	-0,003	0,013	0,107	FALSE
-0,224	0,277	-0,006	0,008	0,336	FALSE
0,097	0,293	0,002	0,007	0,098	FALSE
-0,064	0,289	-0,002	0,009	0,097	FALSE
0,145	0,278	0,005	0,009	0,259	FALSE
-0,094	0,283	-0,004	0,007	0,224	FALSE
0,100	0,288	0,003	0,012	0,099	FALSE
-0,076	0,286	-0,002	0,007	0,096	FALSE
-0,029	0,281	-0,001	0,006	0,033	FALSE
-0,106	0,287	-0,005	0,012	0,178	FALSE
-0,076	0,290	-0,004	0,013	0,105	FALSE
0,017	0,295	0,001	0,012	0,026	FALSE
-0,061	0,289	-0,003	0,010	0,119	FALSE
-0,119	0,284	-0,003	0,009	0,115	FALSE
0,030	0,286	0,000	0,007	0,002	FALSE
0,158	0,290	0,004	0,007	0,232	FALSE
-0,136	0,285	-0,006	0,012	0,191	FALSE
-0,135	0,292	-0,005	0,012	0,178	FALSE
-0,060	0,294	-0,001	0,009	0,046	FALSE
-0,069	0,264	-0,001	0,007	0,039	FALSE
0,109	0,294	0,002	0,007	0,119	FALSE
0,028	0,290	0,001	0,009	0,055	FALSE
0,001	0,298	-0,001	0,008	0,025	FALSE
-0,051	0,300	-0,001	0,008	0,064	FALSE
-0,008	0,285	0,000	0,010	0,017	FALSE
0,038	0,293	0,001	0,009	0,032	FALSE
-0,114	0,294	-0,003	0,007	0,194	FALSE
-0,147	0,292	-0,007	0,013	0,238	FALSE
-0,110	0,279	-0,003	0,012	0,084	FALSE
-0,062	0,279	0,000	0,013	0,008	FALSE
0,028	0,282	0,003	0,013	0,098	FALSE
-0,036	0,300	-0,002	0,013	0,042	FALSE

0,075	0,297	0,000	0,007	0,000	FALSE
0,045	0,270	0,000	0,008	0,022	FALSE
-0,103	0,276	-0,001	0,006	0,089	FALSE
-0,118	0,309	-0,004	0,008	0,177	FALSE
-0,005	0,294	-0,002	0,009	0,066	FALSE
0,105	0,306	0,003	0,008	0,126	FALSE
0,051	0,284	0,004	0,013	0,124	FALSE
0,061	0,286	0,004	0,011	0,134	FALSE
-0,050	0,292	-0,002	0,008	0,092	FALSE
-0,015	0,288	-0,002	0,010	0,059	FALSE
-0,134	0,284	-0,002	0,008	0,105	FALSE
0,037	0,290	0,000	0,009	0,015	FALSE
0,021	0,301	0,000	0,008	0,016	FALSE
-0,075	0,281	-0,001	0,011	0,034	FALSE
-0,007	0,289	-0,001	0,007	0,066	FALSE
0,178	0,298	0,005	0,013	0,161	FALSE
-0,101	0,301	-0,003	0,013	0,087	FALSE
-0,059	0,294	-0,001	0,011	0,029	FALSE
0,148	0,269	0,004	0,010	0,169	FALSE
-0,056	0,296	-0,001	0,012	0,023	FALSE
0,032	0,289	-0,001	0,010	0,022	FALSE
0,082	0,296	0,003	0,011	0,124	FALSE
0,103	0,304	0,004	0,011	0,152	FALSE
-0,141	0,272	-0,005	0,011	0,175	FALSE
-0,017	0,297	0,000	0,009	0,003	FALSE
0,051	0,310	0,002	0,011	0,079	FALSE
0,144	0,294	0,006	0,013	0,190	FALSE
-0,041	0,284	-0,002	0,011	0,058	FALSE
0,112	0,293	0,002	0,006	0,102	FALSE
-0,064	0,293	-0,002	0,008	0,098	FALSE
-0,010	0,308	-0,001	0,012	0,015	FALSE
0,091	0,301	0,002	0,006	0,100	FALSE
0,049	0,297	0,002	0,007	0,120	FALSE
0,103	0,298	0,002	0,006	0,147	FALSE
0,144	0,285	0,003	0,011	0,121	FALSE
0,119	0,284	0,001	0,008	0,047	FALSE
-0,129	0,287	-0,004	0,008	0,196	FALSE
-0,071	0,294	-0,001	0,010	0,035	FALSE
-0,095	0,280	-0,002	0,010	0,066	FALSE
0,036	0,287	0,000	0,010	0,013	FALSE
-0,065	0,275	-0,003	0,007	0,171	FALSE
-0,046	0,274	-0,003	0,011	0,103	FALSE
-0,075	0,287	-0,003	0,009	0,139	FALSE
-0,174	0,305	-0,005	0,008	0,260	FALSE
-0,094	0,292	-0,006	0,012	0,209	FALSE
0,066	0,287	0,004	0,013	0,124	FALSE
-0,128	0,275	-0,002	0,006	0,168	FALSE
-0,141	0,290	-0,002	0,006	0,159	FALSE
0,039	0,290	0,001	0,011	0,019	FALSE
-0,120	0,279	-0,003	0,012	0,117	FALSE
0,032	0,298	0,002	0,011	0,070	FALSE
0,064	0,302	0,001	0,009	0,041	FALSE
0,013	0,292	0,000	0,008	0,007	FALSE

-0,050	0,297	-0,003	0,014	0,080	FALSE
0,137	0,292	0,004	0,008	0,194	FALSE
0,046	0,291	0,003	0,012	0,080	FALSE
0,031	0,286	0,002	0,012	0,064	FALSE
-0,051	0,284	-0,001	0,008	0,063	FALSE
-0,003	0,293	0,000	0,007	0,004	FALSE
0,037	0,293	0,000	0,008	0,001	FALSE
-0,144	0,288	-0,005	0,009	0,211	FALSE
-0,040	0,283	-0,002	0,009	0,095	FALSE
-0,107	0,290	-0,002	0,008	0,108	FALSE
-0,017	0,300	-0,001	0,012	0,024	FALSE
-0,062	0,293	-0,003	0,012	0,109	FALSE
0,005	0,288	-0,002	0,012	0,059	FALSE
-0,073	0,288	-0,003	0,012	0,082	FALSE
0,046	0,308	0,000	0,008	0,004	FALSE
0,021	0,297	0,001	0,013	0,025	FALSE
0,023	0,294	0,001	0,012	0,033	FALSE
0,045	0,288	0,001	0,009	0,034	FALSE
0,025	0,297	0,000	0,010	0,012	FALSE
0,161	0,282	0,003	0,007	0,178	FALSE
-0,024	0,280	0,000	0,007	0,007	FALSE
0,059	0,294	0,003	0,012	0,109	FALSE
-0,132	0,281	-0,003	0,007	0,164	FALSE
-0,016	0,288	0,000	0,012	0,013	FALSE
-0,161	0,277	-0,004	0,009	0,198	FALSE
-0,066	0,288	-0,001	0,010	0,033	FALSE
-0,090	0,280	-0,002	0,011	0,062	FALSE
0,106	0,292	0,004	0,008	0,203	FALSE
-0,004	0,306	0,001	0,013	0,019	FALSE
-0,012	0,298	0,000	0,012	0,012	FALSE
0,014	0,277	-0,002	0,011	0,059	FALSE
0,072	0,280	0,001	0,012	0,032	FALSE
0,071	0,292	0,002	0,013	0,070	FALSE
0,092	0,283	0,004	0,013	0,122	FALSE
0,087	0,286	0,003	0,012	0,095	FALSE
-0,165	0,285	-0,005	0,010	0,184	FALSE
-0,005	0,289	0,001	0,009	0,053	FALSE
-0,075	0,295	-0,002	0,007	0,107	FALSE
-0,008	0,291	0,002	0,011	0,076	FALSE
-0,158	0,299	-0,006	0,010	0,260	FALSE
-0,062	0,284	-0,002	0,008	0,092	FALSE
0,125	0,302	0,005	0,011	0,185	FALSE
-0,011	0,295	-0,001	0,008	0,043	FALSE
0,061	0,293	0,001	0,008	0,047	FALSE
-0,005	0,295	0,001	0,008	0,031	FALSE
-0,003	0,285	-0,001	0,008	0,050	FALSE
0,092	0,301	0,003	0,009	0,116	FALSE
-0,064	0,294	-0,001	0,008	0,054	FALSE
-0,071	0,293	-0,002	0,008	0,077	FALSE
-0,117	0,287	-0,005	0,009	0,238	FALSE
-0,010	0,296	-0,001	0,010	0,024	FALSE
0,048	0,307	0,000	0,008	0,009	FALSE
-0,046	0,291	-0,001	0,010	0,050	FALSE

0,147	0,286	0,005	0,007	0,300	FALSE
0,116	0,291	0,004	0,007	0,232	FALSE
0,081	0,297	0,004	0,012	0,137	FALSE
-0,010	0,286	0,000	0,010	0,003	FALSE
0,096	0,291	0,000	0,008	0,021	FALSE
0,070	0,279	-0,001	0,008	0,027	FALSE
0,065	0,270	-0,001	0,007	0,033	FALSE
-0,070	0,272	-0,001	0,008	0,057	FALSE
0,188	0,268	0,004	0,010	0,179	FALSE
0,089	0,283	0,003	0,012	0,083	FALSE
-0,105	0,282	-0,003	0,010	0,130	FALSE
0,036	0,297	0,001	0,012	0,045	FALSE
-0,021	0,299	-0,001	0,007	0,052	FALSE
-0,019	0,294	0,000	0,009	0,014	FALSE
0,059	0,277	0,003	0,010	0,116	FALSE
0,026	0,285	-0,001	0,011	0,050	FALSE
0,025	0,287	0,000	0,011	0,015	FALSE
-0,046	0,295	-0,002	0,009	0,068	FALSE
-0,071	0,301	-0,004	0,012	0,137	FALSE
0,119	0,275	0,005	0,009	0,268	FALSE
-0,015	0,304	-0,001	0,008	0,036	FALSE
-0,046	0,283	0,000	0,010	0,012	FALSE
0,104	0,288	0,003	0,007	0,149	FALSE
-0,058	0,299	-0,003	0,008	0,133	FALSE
-0,033	0,304	-0,001	0,012	0,015	FALSE
-0,009	0,309	-0,001	0,009	0,050	FALSE
-0,017	0,302	-0,001	0,011	0,036	FALSE
0,028	0,302	0,002	0,013	0,064	FALSE
-0,079	0,273	-0,001	0,012	0,037	FALSE
0,186	0,268	0,006	0,007	0,407	FALSE
0,070	0,288	0,000	0,008	0,008	FALSE
0,113	0,278	0,003	0,008	0,174	FALSE
0,004	0,285	0,001	0,007	0,044	FALSE
-0,163	0,287	-0,003	0,007	0,188	FALSE
0,026	0,293	0,001	0,013	0,038	FALSE
-0,014	0,279	-0,001	0,011	0,021	FALSE
-0,029	0,296	-0,001	0,011	0,026	FALSE
-0,030	0,289	-0,002	0,011	0,065	FALSE
0,044	0,286	0,005	0,013	0,159	FALSE
0,046	0,285	0,002	0,008	0,101	FALSE
0,130	0,297	0,003	0,009	0,153	FALSE
-0,026	0,280	0,000	0,008	0,004	FALSE
0,036	0,294	0,003	0,010	0,125	FALSE
0,048	0,289	-0,001	0,012	0,023	FALSE
0,036	0,298	0,001	0,008	0,056	FALSE
0,160	0,296	0,004	0,010	0,145	FALSE
0,055	0,282	0,001	0,006	0,058	FALSE
-0,052	0,296	-0,001	0,007	0,062	FALSE
0,071	0,263	0,001	0,006	0,048	FALSE
0,006	0,300	0,001	0,007	0,035	FALSE
0,031	0,295	0,000	0,011	0,001	FALSE
-0,029	0,293	-0,001	0,007	0,069	FALSE
-0,102	0,298	-0,002	0,007	0,137	FALSE

0,065	0,291	0,004	0,010	0,163	FALSE
0,070	0,292	0,004	0,010	0,175	FALSE
0,069	0,294	0,004	0,010	0,166	FALSE
0,042	0,286	0,004	0,011	0,167	FALSE
0,064	0,289	0,004	0,010	0,160	FALSE
0,066	0,288	0,004	0,010	0,164	FALSE
0,056	0,284	0,004	0,010	0,153	FALSE
0,169	0,279	0,004	0,006	0,264	FALSE
0,059	0,295	0,004	0,010	0,148	FALSE
-0,160	0,285	-0,004	0,007	0,271	FALSE
-0,004	0,283	0,002	0,009	0,074	FALSE
0,082	0,269	0,001	0,012	0,019	FALSE
-0,039	0,280	0,000	0,013	0,004	FALSE
0,057	0,295	0,000	0,008	0,022	FALSE
-0,045	0,275	-0,002	0,012	0,063	FALSE
0,128	0,290	0,004	0,013	0,134	FALSE
-0,020	0,283	0,000	0,010	0,006	FALSE
-0,041	0,286	-0,002	0,006	0,126	FALSE
0,135	0,280	0,004	0,008	0,246	FALSE
0,185	0,283	0,006	0,011	0,229	FALSE
0,058	0,293	0,000	0,008	0,020	FALSE
0,052	0,297	0,000	0,008	0,012	FALSE
0,006	0,274	-0,002	0,011	0,068	FALSE
-0,033	0,293	0,000	0,007	0,008	FALSE
-0,027	0,289	0,001	0,011	0,020	FALSE
0,070	0,286	0,002	0,009	0,097	FALSE
0,055	0,296	0,004	0,013	0,117	FALSE
0,140	0,279	0,002	0,006	0,133	FALSE
0,042	0,303	0,001	0,006	0,038	FALSE
-0,023	0,290	-0,001	0,012	0,023	FALSE
0,069	0,294	0,004	0,010	0,140	FALSE
-0,067	0,294	-0,002	0,009	0,060	FALSE
-0,071	0,299	-0,001	0,009	0,059	FALSE
-0,116	0,288	-0,002	0,008	0,089	FALSE
0,030	0,298	0,004	0,011	0,121	FALSE
-0,010	0,293	-0,001	0,008	0,036	FALSE
0,054	0,300	0,003	0,011	0,103	FALSE
0,009	0,289	-0,001	0,010	0,053	FALSE
-0,040	0,294	-0,001	0,013	0,017	FALSE
0,205	0,294	0,004	0,008	0,206	FALSE
-0,071	0,290	-0,001	0,008	0,026	FALSE
0,010	0,275	0,000	0,010	0,014	FALSE
-0,029	0,293	0,000	0,007	0,013	FALSE
-0,011	0,295	0,000	0,010	0,011	FALSE
0,179	0,300	0,004	0,006	0,254	FALSE
0,158	0,290	0,006	0,010	0,271	FALSE
0,147	0,288	0,003	0,007	0,218	FALSE
-0,140	0,291	-0,007	0,013	0,225	FALSE
0,020	0,290	0,000	0,011	0,016	FALSE
-0,092	0,289	-0,002	0,012	0,049	FALSE
0,205	0,276	0,005	0,008	0,254	FALSE
-0,098	0,281	-0,002	0,011	0,054	FALSE
-0,120	0,285	-0,003	0,009	0,130	FALSE

0,063	0,282	0,001	0,008	0,069	FALSE
-0,028	0,308	-0,002	0,008	0,090	FALSE
0,001	0,288	0,001	0,011	0,047	FALSE
0,061	0,297	0,002	0,008	0,111	FALSE
-0,010	0,295	0,002	0,012	0,069	FALSE
-0,104	0,282	-0,003	0,012	0,111	FALSE
-0,052	0,296	-0,002	0,011	0,053	FALSE
0,082	0,297	0,002	0,008	0,082	FALSE
-0,008	0,291	-0,001	0,009	0,038	FALSE
-0,024	0,300	-0,001	0,008	0,040	FALSE
-0,027	0,296	-0,003	0,013	0,074	FALSE
0,083	0,290	0,002	0,008	0,101	FALSE
0,076	0,303	0,001	0,007	0,035	FALSE
0,045	0,292	0,000	0,007	0,013	FALSE
0,008	0,307	-0,001	0,013	0,021	FALSE
-0,029	0,286	-0,002	0,012	0,075	FALSE
-0,064	0,299	-0,003	0,012	0,089	FALSE
-0,021	0,287	0,000	0,008	0,017	FALSE
0,062	0,292	0,004	0,012	0,130	FALSE
-0,008	0,289	-0,001	0,008	0,041	FALSE
0,131	0,281	0,006	0,012	0,208	FALSE
0,022	0,294	0,002	0,012	0,061	FALSE
0,014	0,306	0,001	0,007	0,030	FALSE
0,024	0,293	0,002	0,008	0,093	FALSE
-0,051	0,289	-0,001	0,013	0,040	FALSE
-0,110	0,288	-0,003	0,007	0,194	FALSE
0,078	0,284	0,002	0,010	0,070	FALSE
0,030	0,281	0,002	0,013	0,071	FALSE
0,126	0,291	0,002	0,007	0,128	FALSE
0,035	0,291	0,002	0,007	0,088	FALSE
0,063	0,295	0,002	0,007	0,104	FALSE
-0,028	0,284	0,000	0,010	0,007	FALSE
-0,042	0,289	-0,001	0,006	0,036	FALSE
0,022	0,308	0,003	0,014	0,079	FALSE
-0,073	0,284	-0,002	0,007	0,092	FALSE
0,034	0,278	0,001	0,011	0,017	FALSE
-0,024	0,296	0,001	0,012	0,037	FALSE
-0,017	0,282	-0,001	0,012	0,039	FALSE
0,179	0,282	0,004	0,011	0,158	FALSE
-0,065	0,290	-0,002	0,010	0,074	FALSE
0,199	0,275	0,005	0,011	0,182	FALSE
0,234	0,273	0,007	0,012	0,269	FALSE
0,059	0,281	0,002	0,007	0,136	FALSE
-0,118	0,280	-0,004	0,010	0,163	FALSE
-0,193	0,280	-0,007	0,012	0,270	FALSE
0,009	0,298	0,001	0,008	0,035	FALSE
-0,073	0,291	-0,002	0,012	0,080	FALSE
-0,036	0,294	0,000	0,007	0,015	FALSE
0,078	0,279	0,001	0,010	0,019	FALSE
0,110	0,297	0,004	0,008	0,225	FALSE
-0,062	0,288	-0,002	0,009	0,085	FALSE
-0,034	0,300	-0,001	0,010	0,040	FALSE
-0,071	0,280	-0,003	0,009	0,112	FALSE

-0,075	0,288	-0,002	0,007	0,141	FALSE
-0,100	0,300	-0,004	0,014	0,121	FALSE
-0,103	0,291	-0,002	0,009	0,095	FALSE
0,137	0,286	0,005	0,012	0,161	FALSE
0,046	0,284	0,002	0,013	0,044	FALSE
0,091	0,283	0,003	0,010	0,113	FALSE
-0,006	0,278	0,001	0,009	0,060	FALSE
0,063	0,287	0,001	0,006	0,049	FALSE
-0,118	0,277	-0,002	0,008	0,118	FALSE
-0,026	0,284	-0,001	0,011	0,021	FALSE
-0,202	0,288	-0,004	0,008	0,230	FALSE
0,029	0,280	0,001	0,007	0,055	FALSE
-0,031	0,282	-0,001	0,008	0,056	FALSE
0,039	0,302	0,000	0,008	0,005	FALSE
-0,065	0,291	-0,001	0,007	0,084	FALSE
0,069	0,297	0,002	0,008	0,087	FALSE
-0,035	0,313	-0,001	0,011	0,040	FALSE
0,064	0,311	0,002	0,013	0,057	FALSE
0,016	0,285	-0,001	0,008	0,028	FALSE
-0,011	0,289	-0,001	0,013	0,021	FALSE
0,026	0,293	0,000	0,013	0,000	FALSE
0,077	0,284	0,001	0,006	0,075	FALSE
0,015	0,288	0,000	0,010	0,013	FALSE
0,070	0,299	0,000	0,009	0,020	FALSE
-0,018	0,298	0,000	0,008	0,017	FALSE
-0,044	0,292	-0,002	0,008	0,092	FALSE
0,024	0,285	-0,001	0,008	0,066	FALSE
0,037	0,301	0,001	0,007	0,039	FALSE
-0,103	0,276	-0,002	0,009	0,068	FALSE
0,010	0,299	0,000	0,008	0,016	FALSE
-0,015	0,279	0,001	0,009	0,037	FALSE
0,021	0,298	-0,001	0,007	0,033	FALSE
0,072	0,295	0,003	0,011	0,092	FALSE
-0,006	0,285	0,001	0,007	0,046	FALSE
-0,123	0,283	-0,002	0,009	0,067	FALSE
0,015	0,282	0,001	0,007	0,029	FALSE
0,094	0,296	0,001	0,008	0,045	FALSE
0,127	0,280	0,003	0,011	0,115	FALSE
-0,191	0,281	-0,005	0,009	0,216	FALSE
-0,008	0,290	0,002	0,011	0,068	FALSE
-0,066	0,298	-0,003	0,010	0,100	FALSE
0,002	0,282	0,000	0,011	0,010	FALSE
-0,050	0,285	0,001	0,010	0,029	FALSE
0,113	0,281	0,001	0,008	0,061	FALSE
0,017	0,284	0,001	0,011	0,027	FALSE
0,121	0,275	0,001	0,007	0,031	FALSE
0,071	0,285	0,004	0,009	0,178	FALSE
-0,142	0,286	-0,003	0,010	0,115	FALSE
-0,036	0,282	0,000	0,007	0,004	FALSE
0,027	0,296	0,002	0,011	0,087	FALSE
-0,137	0,286	-0,005	0,013	0,153	FALSE
0,070	0,299	0,002	0,012	0,056	FALSE
-0,057	0,298	-0,002	0,007	0,109	FALSE

0,085	0,307	0,002	0,012	0,065	FALSE
0,014	0,274	0,001	0,008	0,064	FALSE
-0,024	0,291	0,000	0,008	0,009	FALSE
0,062	0,295	0,001	0,009	0,023	FALSE
0,012	0,291	0,001	0,012	0,044	FALSE
0,017	0,291	0,001	0,013	0,018	FALSE
0,142	0,279	0,002	0,009	0,097	FALSE
0,089	0,288	0,003	0,007	0,164	FALSE
-0,024	0,288	-0,001	0,010	0,040	FALSE
-0,088	0,285	-0,001	0,008	0,041	FALSE
0,146	0,285	0,006	0,011	0,205	FALSE
0,015	0,290	0,001	0,012	0,033	FALSE
-0,079	0,274	-0,002	0,012	0,067	FALSE
-0,046	0,309	-0,002	0,012	0,065	FALSE
-0,019	0,303	-0,001	0,011	0,017	FALSE
0,032	0,283	0,000	0,007	0,012	FALSE
0,036	0,295	0,001	0,006	0,035	FALSE
0,031	0,280	0,004	0,011	0,146	FALSE
0,098	0,291	0,002	0,009	0,092	FALSE
-0,069	0,275	-0,004	0,012	0,135	FALSE
0,026	0,287	0,001	0,006	0,040	FALSE
0,052	0,279	0,001	0,007	0,043	FALSE
0,029	0,304	0,000	0,006	0,013	FALSE
-0,100	0,297	-0,002	0,009	0,089	FALSE
0,066	0,294	0,001	0,007	0,064	FALSE
-0,077	0,287	-0,002	0,009	0,097	FALSE
0,044	0,275	0,003	0,010	0,111	FALSE
-0,050	0,293	-0,002	0,007	0,133	FALSE
0,037	0,296	0,001	0,012	0,040	FALSE
0,021	0,292	-0,001	0,007	0,049	FALSE
0,010	0,283	-0,001	0,009	0,057	FALSE
0,083	0,289	0,003	0,008	0,149	FALSE
0,190	0,286	0,009	0,013	0,313	FALSE
0,214	0,284	0,005	0,007	0,311	FALSE
-0,079	0,294	-0,002	0,007	0,109	FALSE
0,074	0,284	0,000	0,009	0,001	FALSE
0,010	0,287	0,001	0,006	0,047	FALSE
0,002	0,290	0,000	0,008	0,008	FALSE
-0,027	0,292	0,001	0,007	0,028	FALSE
-0,032	0,275	-0,001	0,008	0,047	FALSE
-0,077	0,286	-0,002	0,008	0,104	FALSE
-0,098	0,288	-0,004	0,013	0,113	FALSE
0,037	0,289	0,001	0,012	0,021	FALSE
0,172	0,287	0,005	0,008	0,247	FALSE
-0,057	0,286	-0,002	0,011	0,062	FALSE
-0,069	0,292	-0,002	0,007	0,093	FALSE
-0,118	0,283	-0,003	0,013	0,096	FALSE
-0,198	0,303	-0,008	0,014	0,247	FALSE
0,138	0,272	0,003	0,009	0,147	FALSE
-0,068	0,286	-0,003	0,011	0,097	FALSE
0,065	0,307	0,003	0,011	0,115	FALSE
-0,053	0,294	0,001	0,014	0,026	FALSE
-0,060	0,297	0,000	0,013	0,012	FALSE

-0,054	0,297	-0,001	0,007	0,069	FALSE
-0,062	0,291	-0,001	0,008	0,060	FALSE
-0,157	0,290	-0,003	0,009	0,155	FALSE
-0,017	0,285	0,001	0,009	0,038	FALSE
0,045	0,281	0,001	0,006	0,082	FALSE
0,013	0,289	0,000	0,007	0,022	FALSE
0,119	0,295	0,003	0,009	0,140	FALSE
0,053	0,298	0,001	0,006	0,069	FALSE
0,057	0,307	0,002	0,008	0,102	FALSE
-0,119	0,281	-0,003	0,007	0,176	FALSE
-0,072	0,288	-0,002	0,007	0,084	FALSE
0,191	0,280	0,007	0,013	0,240	FALSE
-0,023	0,295	-0,001	0,008	0,023	FALSE
-0,008	0,301	0,001	0,011	0,018	FALSE
-0,067	0,289	-0,001	0,008	0,068	FALSE
0,038	0,286	0,001	0,010	0,042	FALSE
0,026	0,288	0,000	0,008	0,009	FALSE
0,112	0,283	0,003	0,010	0,127	FALSE
-0,204	0,273	-0,004	0,007	0,241	FALSE
-0,070	0,288	-0,002	0,009	0,067	FALSE
0,101	0,292	0,002	0,009	0,094	FALSE
0,097	0,297	0,001	0,007	0,065	FALSE
0,120	0,299	0,003	0,012	0,107	FALSE
0,033	0,292	0,002	0,011	0,064	FALSE
-0,140	0,296	-0,005	0,012	0,148	FALSE
-0,132	0,274	-0,004	0,012	0,127	FALSE
-0,134	0,288	-0,004	0,012	0,135	FALSE
-0,053	0,283	-0,003	0,012	0,112	FALSE
-0,006	0,293	-0,001	0,007	0,033	FALSE
0,027	0,296	0,000	0,010	0,006	FALSE
0,030	0,293	0,001	0,009	0,043	FALSE
-0,047	0,296	-0,002	0,010	0,091	FALSE
-0,055	0,288	-0,001	0,006	0,050	FALSE
-0,045	0,298	-0,002	0,013	0,043	FALSE
-0,084	0,295	-0,003	0,013	0,093	FALSE
0,093	0,307	0,003	0,007	0,136	FALSE
0,043	0,288	0,001	0,010	0,025	FALSE
0,136	0,296	0,003	0,008	0,170	FALSE
-0,110	0,283	-0,002	0,008	0,089	FALSE
0,052	0,294	0,002	0,011	0,059	FALSE
-0,063	0,293	-0,002	0,009	0,067	FALSE
0,047	0,284	0,002	0,012	0,051	FALSE
0,111	0,282	0,004	0,007	0,202	FALSE
0,118	0,292	0,003	0,012	0,091	FALSE
-0,209	0,287	-0,008	0,013	0,267	FALSE
0,140	0,293	0,004	0,008	0,234	FALSE
0,187	0,294	0,008	0,012	0,292	FALSE
-0,102	0,298	-0,003	0,013	0,083	FALSE
0,195	0,278	0,006	0,008	0,347	FALSE
-0,113	0,290	-0,003	0,012	0,103	FALSE
-0,062	0,289	-0,002	0,012	0,052	FALSE
-0,104	0,294	-0,005	0,013	0,140	FALSE
0,050	0,295	0,002	0,007	0,096	FALSE

-0,092	0,291	-0,004	0,013	0,108	FALSE
0,145	0,285	0,005	0,009	0,215	FALSE
-0,091	0,293	-0,005	0,011	0,179	FALSE
0,075	0,293	0,003	0,012	0,089	FALSE
0,090	0,286	0,003	0,012	0,104	FALSE
0,131	0,283	0,005	0,012	0,154	FALSE
-0,020	0,281	-0,001	0,007	0,057	FALSE
-0,011	0,297	-0,001	0,008	0,034	FALSE
0,090	0,295	0,003	0,009	0,142	FALSE
0,146	0,300	0,004	0,010	0,174	FALSE
-0,070	0,290	-0,001	0,012	0,018	FALSE
-0,096	0,278	-0,004	0,011	0,150	FALSE
0,062	0,269	0,002	0,011	0,053	FALSE
0,039	0,290	0,001	0,012	0,027	FALSE
-0,025	0,288	-0,001	0,008	0,048	FALSE
0,039	0,281	0,001	0,009	0,039	FALSE
-0,082	0,280	-0,005	0,010	0,205	FALSE
-0,107	0,298	-0,002	0,007	0,130	FALSE
-0,118	0,297	-0,003	0,008	0,129	FALSE
-0,005	0,291	-0,001	0,009	0,053	FALSE
-0,050	0,277	-0,003	0,009	0,127	FALSE
-0,107	0,286	-0,005	0,013	0,169	FALSE
-0,111	0,282	-0,005	0,013	0,179	FALSE
-0,108	0,288	-0,005	0,012	0,145	FALSE
-0,103	0,291	-0,005	0,013	0,147	FALSE
-0,115	0,283	-0,006	0,013	0,189	FALSE
-0,112	0,298	-0,005	0,013	0,162	FALSE
-0,086	0,287	-0,004	0,013	0,118	FALSE
-0,042	0,288	0,001	0,009	0,022	FALSE
0,045	0,287	0,001	0,012	0,020	FALSE
0,082	0,293	0,002	0,007	0,099	FALSE
0,076	0,277	0,002	0,010	0,055	FALSE
0,045	0,308	0,002	0,012	0,068	FALSE
0,085	0,277	0,001	0,009	0,035	FALSE
-0,058	0,286	-0,002	0,008	0,081	FALSE
-0,062	0,292	-0,002	0,008	0,075	FALSE
-0,100	0,279	-0,004	0,013	0,110	FALSE
0,099	0,299	0,005	0,013	0,151	FALSE
-0,006	0,301	-0,001	0,011	0,042	FALSE
-0,049	0,284	-0,001	0,012	0,044	FALSE
0,037	0,286	0,000	0,009	0,010	FALSE
-0,048	0,295	-0,002	0,013	0,046	FALSE
0,120	0,295	0,003	0,007	0,176	FALSE
-0,009	0,292	0,000	0,010	0,005	FALSE
0,028	0,280	0,002	0,009	0,089	FALSE
0,018	0,293	0,001	0,007	0,028	FALSE
-0,028	0,293	0,000	0,007	0,012	FALSE
-0,032	0,289	-0,001	0,007	0,042	FALSE
-0,057	0,297	-0,002	0,008	0,074	FALSE
0,051	0,302	0,001	0,008	0,040	FALSE
0,062	0,291	0,002	0,012	0,078	FALSE
0,180	0,285	0,008	0,013	0,260	FALSE
0,062	0,291	0,002	0,013	0,068	FALSE

-0,080	0,298	-0,003	0,010	0,098	FALSE
-0,096	0,282	-0,003	0,008	0,149	FALSE
0,063	0,295	0,002	0,009	0,084	FALSE
0,027	0,290	-0,001	0,010	0,037	FALSE
-0,051	0,287	-0,002	0,008	0,076	FALSE
-0,038	0,284	-0,003	0,013	0,074	FALSE
0,155	0,291	0,003	0,008	0,165	FALSE
0,086	0,278	0,005	0,013	0,162	FALSE
0,052	0,283	0,001	0,012	0,035	FALSE
-0,014	0,278	-0,001	0,007	0,037	FALSE
0,005	0,297	-0,002	0,013	0,059	FALSE
0,019	0,293	0,001	0,007	0,076	FALSE
-0,050	0,274	-0,002	0,011	0,050	FALSE
0,181	0,291	0,005	0,009	0,250	FALSE
0,158	0,291	0,005	0,010	0,199	FALSE
0,210	0,287	0,008	0,011	0,324	FALSE
-0,133	0,292	-0,003	0,012	0,106	FALSE
-0,050	0,283	-0,002	0,008	0,071	FALSE
0,091	0,290	0,002	0,008	0,071	FALSE
0,121	0,298	0,002	0,009	0,109	FALSE
-0,012	0,298	0,000	0,006	0,014	FALSE
-0,106	0,307	-0,002	0,008	0,091	FALSE
0,071	0,279	0,000	0,007	0,002	FALSE
0,160	0,302	0,006	0,012	0,224	FALSE
-0,027	0,279	-0,001	0,012	0,027	FALSE
0,037	0,292	0,001	0,009	0,049	FALSE
-0,068	0,290	-0,002	0,008	0,085	FALSE
-0,076	0,296	-0,001	0,007	0,064	FALSE
-0,019	0,302	-0,001	0,008	0,040	FALSE
0,158	0,288	0,004	0,008	0,241	FALSE
-0,046	0,291	-0,002	0,012	0,070	FALSE
0,021	0,285	0,001	0,007	0,054	FALSE
0,232	0,274	0,011	0,013	0,402	FALSE
-0,141	0,300	-0,005	0,011	0,201	FALSE
-0,158	0,285	-0,006	0,011	0,249	FALSE
-0,189	0,291	-0,008	0,011	0,307	FALSE
-0,184	0,285	-0,007	0,011	0,296	FALSE
-0,123	0,295	-0,006	0,011	0,219	FALSE
-0,082	0,281	-0,002	0,007	0,114	FALSE
0,072	0,287	0,001	0,012	0,024	FALSE
0,104	0,276	0,002	0,012	0,052	FALSE
0,029	0,275	-0,001	0,012	0,035	FALSE
0,089	0,283	0,006	0,012	0,211	FALSE
0,049	0,288	0,002	0,009	0,082	FALSE
0,051	0,286	0,001	0,012	0,044	FALSE
-0,001	0,289	-0,002	0,013	0,047	FALSE
-0,041	0,284	-0,002	0,012	0,077	FALSE
0,020	0,273	0,003	0,009	0,142	FALSE
-0,051	0,284	0,000	0,007	0,015	FALSE
-0,046	0,293	-0,001	0,012	0,043	FALSE
-0,020	0,293	-0,001	0,013	0,037	FALSE
0,054	0,288	0,002	0,009	0,082	FALSE
-0,003	0,287	-0,001	0,006	0,051	FALSE

-0,101	0,273	-0,002	0,008	0,095	FALSE
-0,035	0,299	-0,002	0,013	0,054	FALSE
0,156	0,292	0,004	0,013	0,119	FALSE
0,076	0,285	0,000	0,010	0,010	FALSE
-0,080	0,297	-0,002	0,007	0,097	FALSE
0,048	0,299	0,001	0,009	0,054	FALSE
0,071	0,288	0,001	0,012	0,031	FALSE
0,095	0,294	0,003	0,008	0,126	FALSE
0,146	0,287	0,006	0,011	0,238	FALSE
-0,158	0,283	-0,005	0,012	0,181	FALSE
0,093	0,293	0,003	0,013	0,106	FALSE
-0,003	0,281	0,000	0,009	0,011	FALSE
-0,047	0,290	-0,001	0,011	0,025	FALSE
-0,018	0,277	0,000	0,007	0,002	FALSE
0,129	0,304	0,005	0,013	0,135	FALSE
0,042	0,278	0,001	0,008	0,066	FALSE
-0,065	0,298	-0,002	0,013	0,060	FALSE
-0,099	0,281	-0,003	0,009	0,123	FALSE
-0,077	0,300	-0,002	0,007	0,121	FALSE
-0,089	0,287	-0,002	0,013	0,062	FALSE
0,028	0,286	0,001	0,009	0,048	FALSE
0,108	0,298	0,002	0,013	0,058	FALSE
-0,061	0,292	-0,001	0,006	0,074	FALSE
-0,032	0,288	0,000	0,009	0,016	FALSE
-0,002	0,283	0,000	0,013	0,007	FALSE
-0,087	0,269	-0,002	0,011	0,076	FALSE
-0,116	0,293	-0,003	0,011	0,110	FALSE
-0,059	0,279	-0,002	0,007	0,092	FALSE
0,109	0,288	0,003	0,006	0,162	FALSE
-0,047	0,279	-0,004	0,013	0,111	FALSE
-0,100	0,288	-0,003	0,006	0,173	FALSE
-0,207	0,289	-0,006	0,007	0,355	FALSE
-0,053	0,278	-0,002	0,009	0,067	FALSE
0,058	0,295	0,003	0,013	0,101	FALSE
-0,038	0,282	-0,002	0,010	0,078	FALSE
0,152	0,301	0,003	0,007	0,214	FALSE
-0,054	0,285	0,000	0,008	0,010	FALSE
-0,093	0,280	-0,002	0,006	0,162	FALSE
0,073	0,301	0,003	0,011	0,094	FALSE
0,061	0,287	0,002	0,013	0,051	FALSE
0,044	0,302	0,001	0,014	0,033	FALSE
0,032	0,293	0,001	0,013	0,017	FALSE
0,012	0,276	0,000	0,013	0,000	FALSE
0,011	0,292	0,000	0,012	0,003	FALSE
0,006	0,287	0,000	0,012	0,009	FALSE
0,031	0,295	0,000	0,013	0,001	FALSE
0,037	0,303	0,001	0,013	0,028	FALSE
0,158	0,268	0,003	0,008	0,135	FALSE
-0,081	0,285	-0,001	0,007	0,056	FALSE
-0,069	0,281	0,000	0,008	0,013	FALSE
0,093	0,293	0,003	0,013	0,079	FALSE
-0,102	0,289	-0,002	0,008	0,104	FALSE
0,016	0,294	-0,001	0,007	0,027	FALSE

0,022	0,294	0,000	0,007	0,013	FALSE
-0,024	0,290	-0,001	0,008	0,041	FALSE
-0,016	0,282	0,000	0,010	0,007	FALSE
0,020	0,296	0,000	0,010	0,012	FALSE
0,010	0,285	0,000	0,011	0,013	FALSE
-0,048	0,288	-0,002	0,007	0,118	FALSE
0,021	0,299	0,004	0,012	0,136	FALSE
-0,016	0,282	0,002	0,010	0,057	FALSE
0,080	0,280	0,005	0,012	0,158	FALSE
0,169	0,295	0,003	0,007	0,166	FALSE
-0,071	0,289	-0,001	0,008	0,054	FALSE
0,154	0,284	0,003	0,008	0,140	FALSE
-0,129	0,274	-0,003	0,007	0,185	FALSE
-0,059	0,289	-0,003	0,010	0,096	FALSE
0,010	0,286	0,002	0,007	0,089	FALSE
0,092	0,287	0,003	0,011	0,083	FALSE
0,112	0,306	0,002	0,007	0,115	FALSE
0,020	0,304	0,000	0,009	0,018	FALSE
0,004	0,284	0,001	0,006	0,065	FALSE
0,011	0,281	0,002	0,010	0,063	FALSE
-0,021	0,296	-0,001	0,010	0,038	FALSE
-0,053	0,296	-0,003	0,011	0,097	FALSE
-0,029	0,287	-0,003	0,012	0,085	FALSE
-0,023	0,290	-0,002	0,012	0,052	FALSE
0,003	0,289	-0,001	0,011	0,048	FALSE
0,088	0,288	0,004	0,013	0,119	FALSE
-0,210	0,277	-0,005	0,009	0,238	FALSE
0,010	0,292	0,000	0,010	0,011	FALSE
-0,020	0,287	-0,002	0,008	0,077	FALSE
-0,023	0,293	0,000	0,010	0,001	FALSE
-0,051	0,290	-0,002	0,011	0,068	FALSE
0,006	0,274	-0,002	0,009	0,075	FALSE
0,114	0,307	0,003	0,007	0,142	FALSE
0,022	0,304	0,001	0,009	0,035	FALSE
0,012	0,295	0,002	0,010	0,067	FALSE
0,070	0,279	0,003	0,010	0,113	FALSE
-0,048	0,293	-0,002	0,008	0,117	FALSE
-0,012	0,289	-0,001	0,008	0,026	FALSE
0,083	0,288	0,003	0,008	0,153	FALSE
-0,088	0,292	-0,005	0,013	0,145	FALSE
-0,007	0,297	0,000	0,009	0,005	FALSE
-0,005	0,299	0,000	0,009	0,005	FALSE
0,026	0,295	0,002	0,013	0,072	FALSE
0,012	0,295	-0,001	0,012	0,031	FALSE
0,042	0,279	0,002	0,009	0,067	FALSE
-0,108	0,289	-0,002	0,007	0,151	FALSE
0,077	0,303	0,003	0,014	0,074	FALSE
-0,014	0,297	-0,002	0,008	0,120	FALSE
-0,016	0,281	0,000	0,010	0,003	FALSE
0,087	0,297	0,003	0,009	0,116	FALSE
-0,027	0,286	-0,002	0,010	0,073	FALSE
-0,066	0,302	-0,002	0,011	0,088	FALSE
-0,007	0,287	-0,001	0,007	0,045	FALSE

-0,146	0,288	-0,004	0,008	0,200	FALSE
0,002	0,289	0,000	0,012	0,009	FALSE
-0,005	0,291	0,000	0,009	0,013	FALSE
0,163	0,288	0,004	0,009	0,189	FALSE
0,025	0,297	0,001	0,008	0,028	FALSE
-0,146	0,296	-0,003	0,007	0,205	FALSE
0,022	0,292	0,000	0,008	0,017	FALSE
-0,122	0,282	-0,005	0,009	0,206	FALSE
-0,081	0,285	-0,001	0,007	0,064	FALSE
0,125	0,294	0,004	0,008	0,209	FALSE
0,052	0,285	0,000	0,013	0,000	FALSE
-0,039	0,277	0,000	0,007	0,021	FALSE
-0,006	0,294	-0,001	0,012	0,037	FALSE
0,058	0,300	0,000	0,007	0,004	FALSE
-0,059	0,293	-0,001	0,008	0,061	FALSE
-0,087	0,280	-0,004	0,009	0,188	FALSE
-0,090	0,283	-0,004	0,009	0,180	FALSE
0,083	0,299	0,004	0,013	0,107	FALSE
0,038	0,298	0,002	0,008	0,101	FALSE
0,025	0,287	0,000	0,010	0,007	FALSE
0,037	0,286	0,000	0,012	0,002	FALSE
0,049	0,288	0,002	0,008	0,081	FALSE
0,041	0,292	0,001	0,011	0,026	FALSE
0,043	0,280	0,001	0,011	0,026	FALSE
-0,078	0,292	-0,002	0,013	0,064	FALSE
-0,099	0,300	-0,003	0,013	0,081	FALSE
-0,117	0,289	-0,002	0,007	0,123	FALSE
-0,191	0,284	-0,004	0,007	0,226	FALSE
-0,053	0,284	-0,003	0,012	0,107	FALSE
0,108	0,292	0,002	0,006	0,132	FALSE
-0,005	0,297	0,000	0,010	0,003	FALSE
0,166	0,290	0,004	0,007	0,206	FALSE
0,101	0,279	0,002	0,007	0,132	FALSE
0,153	0,285	0,004	0,008	0,217	FALSE
0,085	0,292	0,002	0,008	0,109	FALSE
-0,050	0,278	-0,002	0,007	0,131	FALSE
0,001	0,307	0,000	0,009	0,003	FALSE
0,101	0,297	0,003	0,012	0,085	FALSE
-0,110	0,283	-0,002	0,007	0,118	FALSE
-0,114	0,290	-0,002	0,007	0,106	FALSE
0,019	0,294	-0,001	0,013	0,042	FALSE
0,011	0,276	-0,002	0,012	0,049	FALSE
0,100	0,295	0,002	0,006	0,095	FALSE
-0,178	0,267	-0,009	0,012	0,372	FALSE
-0,047	0,285	-0,002	0,009	0,095	FALSE
-0,042	0,281	-0,002	0,009	0,096	FALSE
-0,004	0,294	-0,001	0,008	0,061	FALSE
-0,104	0,290	-0,004	0,012	0,132	FALSE
0,205	0,291	0,007	0,010	0,330	FALSE
0,057	0,300	0,002	0,007	0,079	FALSE
0,162	0,292	0,007	0,011	0,290	FALSE
0,034	0,286	0,003	0,012	0,083	FALSE
-0,093	0,299	-0,003	0,008	0,139	FALSE

0,116	0,284	0,002	0,012	0,063	FALSE
0,093	0,275	0,004	0,012	0,129	FALSE
-0,089	0,294	-0,004	0,012	0,148	FALSE
-0,011	0,303	-0,001	0,007	0,027	FALSE
0,052	0,313	0,002	0,012	0,047	FALSE
-0,070	0,284	-0,005	0,012	0,168	FALSE
0,119	0,292	0,002	0,007	0,130	FALSE
-0,098	0,306	-0,001	0,007	0,069	FALSE
0,059	0,278	0,002	0,010	0,065	FALSE
0,051	0,286	0,000	0,009	0,018	FALSE
-0,057	0,280	0,000	0,006	0,023	FALSE
-0,022	0,309	-0,001	0,012	0,037	FALSE
0,029	0,288	-0,001	0,011	0,034	FALSE
0,072	0,290	0,002	0,012	0,052	FALSE
0,027	0,298	-0,001	0,008	0,041	FALSE
0,069	0,288	0,001	0,008	0,061	FALSE
-0,118	0,293	-0,006	0,012	0,220	FALSE
0,007	0,276	0,002	0,008	0,087	FALSE
-0,019	0,280	-0,001	0,007	0,045	FALSE
0,077	0,275	0,003	0,012	0,081	FALSE
0,094	0,259	0,003	0,012	0,110	FALSE
-0,058	0,283	0,000	0,006	0,022	FALSE
-0,063	0,271	-0,001	0,011	0,039	FALSE
0,129	0,286	0,004	0,012	0,116	FALSE
-0,005	0,295	0,000	0,007	0,012	FALSE
-0,060	0,279	-0,001	0,007	0,050	FALSE
0,068	0,298	0,001	0,011	0,028	FALSE
0,186	0,286	0,004	0,009	0,179	FALSE
0,191	0,282	0,004	0,008	0,177	FALSE
0,046	0,281	0,003	0,011	0,088	FALSE
-0,053	0,282	-0,001	0,006	0,081	FALSE
-0,083	0,293	-0,001	0,007	0,075	FALSE
0,113	0,267	0,003	0,010	0,114	FALSE
-0,077	0,283	-0,004	0,010	0,157	FALSE
0,027	0,291	0,000	0,009	0,011	FALSE
0,036	0,284	0,003	0,012	0,082	FALSE
0,049	0,298	0,004	0,013	0,115	FALSE
-0,017	0,292	0,000	0,009	0,018	FALSE
-0,009	0,285	0,000	0,011	0,008	FALSE
-0,015	0,285	-0,001	0,010	0,022	FALSE
-0,132	0,280	-0,003	0,006	0,171	FALSE
-0,005	0,288	0,001	0,008	0,041	FALSE
0,005	0,290	0,000	0,012	0,006	FALSE
-0,001	0,287	0,001	0,009	0,056	FALSE
0,062	0,291	0,004	0,012	0,117	FALSE
0,081	0,291	0,002	0,008	0,090	FALSE
0,051	0,292	0,002	0,007	0,100	FALSE
0,167	0,285	0,005	0,008	0,263	FALSE
0,013	0,283	0,000	0,010	0,014	FALSE
-0,014	0,283	-0,001	0,007	0,074	FALSE
0,016	0,286	-0,001	0,010	0,041	FALSE
0,027	0,299	0,000	0,007	0,013	FALSE
-0,007	0,293	0,000	0,008	0,016	FALSE

-0,106	0,282	-0,002	0,007	0,113	FALSE
-0,129	0,283	-0,003	0,010	0,127	FALSE
0,221	0,288	0,006	0,009	0,310	FALSE
-0,004	0,284	0,001	0,009	0,029	FALSE
-0,092	0,278	-0,005	0,012	0,159	FALSE
0,065	0,288	0,001	0,008	0,064	FALSE
-0,005	0,298	0,000	0,007	0,011	FALSE
-0,052	0,292	-0,002	0,011	0,068	FALSE
-0,053	0,289	-0,001	0,008	0,041	FALSE
-0,008	0,281	0,000	0,009	0,008	FALSE
-0,050	0,298	-0,002	0,007	0,099	FALSE
-0,144	0,280	-0,005	0,012	0,163	FALSE
-0,071	0,301	-0,002	0,010	0,095	FALSE
0,066	0,293	0,000	0,009	0,007	FALSE
0,076	0,297	0,002	0,010	0,062	FALSE
0,107	0,289	0,002	0,006	0,158	FALSE
-0,146	0,288	-0,004	0,010	0,155	FALSE
-0,017	0,282	0,000	0,011	0,004	FALSE
0,000	0,291	0,000	0,012	0,006	FALSE
0,014	0,288	0,002	0,013	0,046	FALSE
0,046	0,302	0,001	0,007	0,027	FALSE
0,050	0,296	0,001	0,007	0,041	FALSE
0,059	0,280	0,002	0,009	0,076	FALSE
-0,085	0,282	-0,003	0,010	0,107	FALSE
-0,019	0,295	-0,001	0,013	0,021	FALSE
0,089	0,295	0,003	0,010	0,114	FALSE
0,090	0,294	0,001	0,009	0,048	FALSE
-0,144	0,287	-0,004	0,007	0,221	FALSE
-0,059	0,301	-0,002	0,011	0,061	FALSE
-0,077	0,301	-0,001	0,008	0,066	FALSE
-0,043	0,280	0,001	0,010	0,049	FALSE
-0,004	0,289	-0,001	0,009	0,046	FALSE
0,031	0,290	0,001	0,013	0,021	FALSE
0,112	0,299	0,002	0,008	0,079	FALSE
-0,071	0,278	-0,001	0,012	0,029	FALSE
0,059	0,288	0,001	0,012	0,039	FALSE
0,026	0,284	0,000	0,009	0,008	FALSE
-0,023	0,292	0,000	0,007	0,010	FALSE
-0,026	0,298	0,000	0,010	0,005	FALSE
-0,016	0,295	0,000	0,006	0,024	FALSE
-0,003	0,292	0,000	0,007	0,013	FALSE
0,047	0,302	0,001	0,007	0,075	FALSE
-0,076	0,291	-0,002	0,011	0,077	FALSE
0,100	0,285	0,001	0,006	0,085	FALSE
0,063	0,298	0,000	0,006	0,003	FALSE
0,094	0,293	0,003	0,009	0,157	FALSE
-0,066	0,290	-0,001	0,007	0,060	FALSE
0,011	0,286	0,001	0,010	0,030	FALSE
0,106	0,284	0,002	0,007	0,090	FALSE
0,030	0,284	0,003	0,012	0,099	FALSE
0,143	0,285	0,002	0,008	0,112	FALSE
-0,011	0,302	0,000	0,014	0,002	FALSE
-0,021	0,288	0,000	0,007	0,011	FALSE

-0,063	0,298	-0,002	0,007	0,094	FALSE
0,066	0,298	0,001	0,006	0,060	FALSE
0,036	0,283	0,000	0,006	0,024	FALSE
-0,168	0,284	-0,005	0,008	0,265	FALSE
0,142	0,296	0,003	0,006	0,218	FALSE
-0,023	0,297	0,001	0,006	0,040	FALSE
0,036	0,302	0,001	0,012	0,040	FALSE
0,099	0,283	0,001	0,009	0,047	FALSE
0,033	0,281	0,001	0,007	0,041	FALSE
0,064	0,292	0,001	0,008	0,070	FALSE
0,029	0,288	0,000	0,009	0,015	FALSE
-0,075	0,299	-0,003	0,010	0,111	FALSE
-0,072	0,289	-0,001	0,007	0,057	FALSE
-0,021	0,300	-0,001	0,007	0,045	FALSE
-0,088	0,286	-0,005	0,013	0,138	FALSE
-0,031	0,284	-0,001	0,008	0,029	FALSE
-0,028	0,292	-0,002	0,012	0,065	FALSE
-0,009	0,277	0,000	0,006	0,006	FALSE
0,014	0,287	0,002	0,009	0,086	FALSE
0,142	0,280	0,004	0,013	0,129	FALSE
0,004	0,289	0,001	0,010	0,042	FALSE
0,007	0,303	0,000	0,007	0,021	FALSE
0,000	0,286	0,000	0,010	0,002	FALSE
-0,116	0,278	-0,004	0,012	0,139	FALSE
-0,094	0,292	-0,002	0,009	0,065	FALSE
-0,066	0,288	-0,001	0,013	0,039	FALSE
-0,081	0,282	-0,003	0,011	0,107	FALSE
0,015	0,290	0,001	0,008	0,037	FALSE
0,162	0,279	0,004	0,006	0,244	FALSE
-0,041	0,293	0,000	0,008	0,014	FALSE
-0,070	0,297	-0,002	0,009	0,088	FALSE
-0,079	0,303	-0,002	0,009	0,080	FALSE
0,125	0,283	0,002	0,009	0,100	FALSE
0,084	0,290	0,002	0,009	0,065	FALSE
0,011	0,299	0,001	0,007	0,048	FALSE
0,017	0,278	0,001	0,009	0,026	FALSE
-0,066	0,295	-0,001	0,010	0,024	FALSE
0,097	0,299	0,004	0,011	0,127	FALSE
0,279	0,256	0,010	0,012	0,392	FALSE
-0,018	0,292	-0,001	0,012	0,024	FALSE
0,158	0,284	0,003	0,007	0,186	FALSE
0,092	0,277	0,003	0,011	0,106	FALSE
-0,064	0,290	-0,003	0,009	0,112	FALSE
0,140	0,279	0,006	0,012	0,186	FALSE
-0,073	0,297	-0,003	0,013	0,104	FALSE
-0,167	0,282	-0,007	0,013	0,232	FALSE
0,046	0,286	0,001	0,009	0,053	FALSE
0,000	0,284	0,002	0,010	0,085	FALSE
-0,137	0,304	-0,007	0,012	0,238	FALSE
0,023	0,300	0,001	0,008	0,044	FALSE
0,075	0,289	0,004	0,011	0,124	FALSE
-0,050	0,301	-0,003	0,012	0,091	FALSE
0,089	0,277	0,005	0,012	0,180	FALSE

0,028	0,290	0,002	0,012	0,067	FALSE
0,064	0,307	0,003	0,012	0,098	FALSE
-0,077	0,295	-0,002	0,010	0,081	FALSE
-0,033	0,285	-0,002	0,007	0,102	FALSE
-0,080	0,277	-0,001	0,007	0,079	FALSE
0,019	0,294	0,000	0,012	0,004	FALSE
0,017	0,289	0,000	0,009	0,010	FALSE
0,139	0,292	0,004	0,011	0,160	FALSE
0,073	0,292	0,002	0,009	0,075	FALSE
0,027	0,282	0,000	0,011	0,015	FALSE
0,092	0,274	0,004	0,009	0,208	FALSE
0,009	0,283	0,000	0,007	0,010	FALSE
-0,009	0,282	0,001	0,009	0,030	FALSE
0,007	0,284	0,001	0,010	0,042	FALSE
-0,101	0,283	-0,003	0,008	0,140	FALSE
-0,040	0,288	-0,001	0,007	0,050	FALSE
0,022	0,280	0,001	0,009	0,049	FALSE
0,057	0,284	0,002	0,009	0,065	FALSE
-0,105	0,301	-0,003	0,009	0,123	FALSE
0,173	0,285	0,003	0,007	0,194	FALSE
-0,060	0,291	-0,001	0,011	0,050	FALSE
-0,074	0,297	-0,002	0,007	0,113	FALSE
0,125	0,302	0,005	0,010	0,200	FALSE
-0,080	0,294	-0,002	0,009	0,079	FALSE
-0,092	0,301	-0,004	0,010	0,153	FALSE
-0,102	0,284	-0,003	0,011	0,099	FALSE
0,168	0,293	0,006	0,013	0,202	FALSE
-0,103	0,298	-0,004	0,011	0,125	FALSE
0,105	0,283	0,003	0,007	0,148	FALSE
-0,017	0,295	-0,001	0,012	0,039	FALSE
0,112	0,285	0,003	0,008	0,156	FALSE
0,111	0,291	0,003	0,006	0,159	FALSE
0,039	0,280	0,002	0,006	0,141	FALSE
0,079	0,278	0,002	0,008	0,072	FALSE
-0,013	0,301	-0,001	0,011	0,026	FALSE
-0,012	0,285	-0,001	0,011	0,042	FALSE
0,083	0,277	0,005	0,011	0,162	FALSE
-0,153	0,285	-0,003	0,007	0,152	FALSE
0,120	0,279	0,003	0,012	0,099	FALSE
-0,137	0,278	-0,004	0,009	0,176	FALSE
0,107	0,290	0,003	0,010	0,105	FALSE
0,061	0,296	0,000	0,007	0,025	FALSE
-0,105	0,286	-0,003	0,009	0,144	FALSE
0,154	0,292	0,004	0,008	0,203	FALSE
-0,094	0,296	-0,003	0,012	0,102	FALSE
-0,039	0,293	-0,001	0,012	0,039	FALSE
-0,048	0,290	-0,002	0,012	0,064	FALSE
0,063	0,288	0,002	0,012	0,076	FALSE
0,067	0,281	0,003	0,011	0,089	FALSE
0,102	0,290	0,002	0,009	0,092	FALSE
-0,122	0,292	-0,005	0,013	0,164	FALSE
0,013	0,290	0,001	0,006	0,033	FALSE
-0,037	0,288	-0,001	0,010	0,035	FALSE

-0,040	0,291	-0,001	0,010	0,033	FALSE
-0,054	0,286	-0,001	0,010	0,049	FALSE
0,011	0,283	0,000	0,008	0,011	FALSE
0,176	0,298	0,003	0,006	0,217	FALSE
-0,072	0,278	-0,003	0,008	0,153	FALSE
-0,100	0,271	-0,002	0,007	0,101	FALSE
0,020	0,295	0,001	0,010	0,038	FALSE
-0,043	0,295	0,001	0,010	0,021	FALSE
-0,016	0,290	0,000	0,008	0,006	FALSE
0,007	0,285	-0,002	0,006	0,114	FALSE
-0,090	0,277	-0,002	0,007	0,099	FALSE
0,126	0,301	0,003	0,008	0,125	FALSE
0,027	0,287	0,000	0,010	0,018	FALSE
-0,040	0,290	0,000	0,010	0,005	FALSE
0,087	0,302	0,004	0,013	0,134	FALSE
0,052	0,294	0,002	0,008	0,089	FALSE
0,061	0,281	0,002	0,007	0,123	FALSE
-0,049	0,303	-0,003	0,013	0,080	FALSE
-0,054	0,286	-0,002	0,010	0,063	FALSE
-0,072	0,290	-0,002	0,011	0,053	FALSE
-0,018	0,289	-0,001	0,009	0,041	FALSE
0,021	0,283	0,003	0,013	0,077	FALSE
-0,011	0,293	0,000	0,012	0,003	FALSE
-0,101	0,303	-0,004	0,009	0,159	FALSE
0,006	0,297	0,001	0,010	0,028	FALSE
-0,038	0,275	-0,002	0,012	0,047	FALSE
0,018	0,284	0,000	0,007	0,013	FALSE
0,088	0,293	0,002	0,008	0,072	FALSE
0,046	0,292	0,003	0,011	0,084	FALSE
-0,069	0,299	-0,001	0,010	0,029	FALSE
0,004	0,293	0,001	0,007	0,046	FALSE
-0,167	0,275	-0,006	0,011	0,260	FALSE
0,156	0,283	0,005	0,010	0,233	FALSE
-0,108	0,286	-0,002	0,006	0,135	FALSE
-0,027	0,298	-0,001	0,009	0,036	FALSE
0,077	0,296	0,001	0,008	0,035	FALSE
0,044	0,281	0,001	0,006	0,085	FALSE
0,045	0,294	0,000	0,013	0,010	FALSE
-0,069	0,286	-0,001	0,012	0,029	FALSE
-0,027	0,277	0,000	0,010	0,004	FALSE
0,020	0,282	0,000	0,006	0,023	FALSE
-0,001	0,287	0,000	0,007	0,014	FALSE
-0,021	0,300	-0,001	0,013	0,026	FALSE
0,041	0,293	0,001	0,013	0,036	FALSE
-0,040	0,287	-0,002	0,013	0,042	FALSE
-0,243	0,263	-0,008	0,010	0,382	FALSE
-0,005	0,288	0,000	0,008	0,012	FALSE
-0,062	0,293	-0,002	0,012	0,056	FALSE
-0,024	0,285	-0,001	0,009	0,045	FALSE
-0,025	0,294	0,000	0,013	0,009	FALSE
0,079	0,282	0,001	0,008	0,051	FALSE
-0,029	0,288	0,000	0,013	0,004	FALSE
0,208	0,285	0,006	0,011	0,235	FALSE

0,071	0,270	0,006	0,013	0,184	FALSE
-0,174	0,279	-0,007	0,011	0,262	FALSE
0,066	0,294	0,002	0,010	0,075	FALSE
0,063	0,275	0,002	0,010	0,089	FALSE
-0,018	0,301	0,001	0,012	0,016	FALSE
-0,020	0,298	-0,001	0,008	0,061	FALSE
-0,019	0,303	-0,001	0,008	0,055	FALSE
-0,116	0,281	-0,005	0,012	0,183	FALSE
-0,070	0,297	-0,003	0,008	0,130	FALSE
0,095	0,277	0,002	0,008	0,103	FALSE
-0,102	0,278	-0,003	0,009	0,145	FALSE
0,109	0,295	0,004	0,011	0,131	FALSE
-0,082	0,280	-0,002	0,010	0,085	FALSE
-0,071	0,299	-0,002	0,009	0,101	FALSE
0,033	0,288	0,000	0,013	0,004	FALSE
-0,082	0,295	-0,002	0,010	0,081	FALSE
-0,035	0,280	-0,001	0,009	0,038	FALSE
-0,080	0,290	-0,001	0,008	0,053	FALSE
-0,167	0,282	-0,005	0,008	0,243	FALSE
-0,063	0,286	-0,003	0,012	0,104	FALSE
-0,104	0,280	-0,004	0,012	0,144	FALSE
-0,082	0,295	-0,004	0,012	0,111	FALSE
-0,142	0,283	-0,004	0,008	0,215	FALSE
0,064	0,283	0,003	0,012	0,083	FALSE
-0,064	0,292	-0,001	0,007	0,036	FALSE
0,074	0,283	0,003	0,010	0,108	FALSE
-0,120	0,295	-0,003	0,007	0,162	FALSE
0,052	0,277	0,004	0,012	0,119	FALSE
0,063	0,300	0,001	0,008	0,054	FALSE
0,080	0,289	0,002	0,008	0,078	FALSE
0,195	0,284	0,005	0,008	0,234	FALSE
0,104	0,289	0,003	0,007	0,154	FALSE
0,053	0,299	0,003	0,013	0,075	FALSE
-0,145	0,288	-0,002	0,007	0,096	FALSE
0,032	0,290	-0,001	0,013	0,014	FALSE
-0,151	0,294	-0,005	0,010	0,190	FALSE
-0,122	0,282	-0,004	0,012	0,144	FALSE
0,050	0,291	0,001	0,010	0,046	FALSE
0,090	0,297	0,002	0,008	0,124	FALSE
0,065	0,282	0,002	0,010	0,062	FALSE
0,012	0,302	0,000	0,010	0,015	FALSE
-0,143	0,286	-0,007	0,012	0,251	FALSE
-0,030	0,294	0,000	0,008	0,005	FALSE
0,045	0,302	0,000	0,013	0,005	FALSE
0,178	0,298	0,005	0,009	0,208	FALSE
-0,097	0,284	-0,002	0,007	0,120	FALSE
-0,059	0,279	-0,001	0,007	0,086	FALSE
0,088	0,293	0,004	0,012	0,132	FALSE
-0,105	0,292	-0,002	0,007	0,104	FALSE
-0,058	0,297	-0,003	0,010	0,106	FALSE
-0,044	0,300	-0,002	0,010	0,074	FALSE
-0,130	0,293	-0,007	0,014	0,201	FALSE
0,084	0,297	0,003	0,009	0,145	FALSE

0,102	0,268	0,005	0,011	0,180	FALSE
0,104	0,284	0,002	0,008	0,102	FALSE
0,102	0,289	0,004	0,012	0,140	FALSE
0,108	0,273	0,002	0,008	0,112	FALSE
-0,062	0,290	-0,001	0,011	0,021	FALSE
-0,031	0,278	0,000	0,010	0,006	FALSE
-0,017	0,279	0,000	0,006	0,008	FALSE
-0,103	0,299	-0,004	0,010	0,162	FALSE
0,013	0,303	0,002	0,010	0,063	FALSE
0,033	0,301	0,002	0,011	0,072	FALSE
0,074	0,288	0,003	0,011	0,112	FALSE
-0,031	0,295	0,000	0,007	0,004	FALSE
-0,083	0,299	-0,002	0,007	0,109	FALSE
-0,096	0,289	-0,006	0,011	0,224	FALSE
-0,020	0,286	0,001	0,007	0,029	FALSE
0,041	0,281	0,002	0,007	0,099	FALSE
-0,157	0,294	-0,005	0,008	0,246	FALSE
0,103	0,297	0,003	0,010	0,115	FALSE
-0,104	0,274	-0,002	0,009	0,092	FALSE
0,098	0,275	0,003	0,012	0,090	FALSE
-0,120	0,289	-0,002	0,013	0,053	FALSE
-0,062	0,288	-0,002	0,012	0,049	FALSE
-0,120	0,283	-0,007	0,013	0,242	FALSE
-0,054	0,291	-0,001	0,007	0,047	FALSE
-0,130	0,285	-0,007	0,013	0,235	FALSE
-0,123	0,280	-0,007	0,013	0,220	FALSE
-0,162	0,278	-0,004	0,010	0,141	FALSE
-0,160	0,291	-0,006	0,013	0,200	FALSE
-0,046	0,276	-0,004	0,010	0,180	FALSE
0,045	0,262	0,000	0,008	0,005	FALSE
-0,098	0,270	-0,005	0,013	0,165	FALSE
-0,176	0,277	-0,004	0,009	0,190	FALSE
-0,185	0,283	-0,005	0,011	0,191	FALSE
0,031	0,295	0,001	0,008	0,061	FALSE
-0,030	0,285	-0,001	0,010	0,029	FALSE
-0,033	0,292	-0,001	0,011	0,042	FALSE
-0,046	0,299	-0,002	0,011	0,051	FALSE
-0,049	0,292	0,000	0,008	0,017	FALSE
0,142	0,286	0,003	0,006	0,190	FALSE
0,002	0,288	0,000	0,007	0,016	FALSE
-0,109	0,293	-0,004	0,009	0,174	FALSE
0,045	0,290	0,001	0,010	0,057	FALSE
0,182	0,289	0,005	0,007	0,305	FALSE
-0,003	0,282	0,000	0,007	0,002	FALSE
0,037	0,283	0,001	0,007	0,045	FALSE
-0,115	0,293	-0,003	0,009	0,127	FALSE
-0,062	0,296	0,000	0,007	0,012	FALSE
-0,277	0,275	-0,009	0,010	0,426	FALSE
-0,053	0,304	-0,001	0,008	0,033	FALSE
-0,002	0,293	-0,002	0,009	0,067	FALSE
-0,023	0,292	-0,001	0,010	0,052	FALSE
-0,066	0,301	-0,001	0,007	0,072	FALSE
0,009	0,280	-0,001	0,007	0,034	FALSE

-0,041	0,293	0,000	0,011	0,004	FALSE
0,131	0,299	0,005	0,013	0,169	FALSE
-0,150	0,296	-0,007	0,013	0,235	FALSE
0,096	0,278	0,003	0,011	0,097	FALSE
0,105	0,279	0,003	0,012	0,085	FALSE
0,028	0,276	0,002	0,008	0,074	FALSE
-0,105	0,276	-0,004	0,011	0,139	FALSE
-0,028	0,304	-0,001	0,011	0,046	FALSE
0,050	0,312	0,001	0,010	0,045	FALSE
0,095	0,297	0,001	0,012	0,035	FALSE
0,043	0,298	0,001	0,007	0,062	FALSE
0,089	0,275	0,002	0,010	0,060	FALSE
0,087	0,266	0,001	0,010	0,038	FALSE
-0,045	0,302	-0,001	0,011	0,018	FALSE
-0,044	0,281	0,000	0,012	0,002	FALSE
0,065	0,287	0,002	0,008	0,114	FALSE
0,004	0,306	0,001	0,012	0,015	FALSE
0,074	0,297	0,002	0,011	0,069	FALSE
-0,166	0,287	-0,007	0,012	0,239	FALSE
0,027	0,297	0,000	0,013	0,002	FALSE
0,108	0,287	0,003	0,007	0,175	FALSE
-0,091	0,283	-0,002	0,007	0,123	FALSE
0,032	0,281	0,003	0,012	0,082	FALSE
0,021	0,289	0,002	0,012	0,060	FALSE
0,087	0,292	0,002	0,007	0,136	FALSE
-0,083	0,280	-0,002	0,006	0,148	FALSE
0,087	0,289	0,002	0,008	0,110	FALSE
-0,125	0,298	-0,004	0,009	0,204	FALSE
-0,116	0,282	-0,002	0,006	0,157	FALSE
-0,013	0,294	-0,001	0,009	0,039	FALSE
0,177	0,293	0,006	0,010	0,259	FALSE
0,035	0,305	0,000	0,006	0,018	FALSE
-0,043	0,294	-0,002	0,012	0,063	FALSE
-0,077	0,280	-0,002	0,006	0,106	FALSE
-0,049	0,294	-0,002	0,008	0,103	FALSE
0,185	0,280	0,005	0,007	0,344	FALSE
0,102	0,292	0,003	0,008	0,132	FALSE
-0,204	0,274	-0,005	0,010	0,228	FALSE
0,088	0,292	0,003	0,012	0,102	FALSE
0,165	0,280	0,006	0,013	0,210	FALSE
0,027	0,303	0,000	0,007	0,016	FALSE
-0,087	0,286	-0,003	0,012	0,099	FALSE
0,046	0,282	0,003	0,011	0,102	FALSE
-0,112	0,266	-0,004	0,008	0,186	FALSE
0,078	0,300	0,002	0,009	0,095	FALSE
-0,012	0,307	0,001	0,010	0,032	FALSE
-0,213	0,284	-0,006	0,008	0,305	FALSE
-0,045	0,278	-0,004	0,010	0,160	FALSE
-0,185	0,279	-0,004	0,007	0,250	FALSE
0,137	0,289	0,003	0,011	0,106	FALSE
-0,168	0,286	-0,005	0,013	0,167	FALSE
0,012	0,290	-0,001	0,013	0,026	FALSE
-0,101	0,290	-0,002	0,008	0,089	FALSE

-0,065	0,305	-0,003	0,007	0,137	FALSE
0,142	0,294	0,003	0,008	0,121	FALSE
-0,066	0,271	-0,003	0,007	0,186	FALSE
-0,233	0,275	-0,008	0,009	0,414	FALSE
-0,047	0,292	-0,001	0,013	0,015	FALSE
-0,037	0,281	-0,002	0,008	0,072	FALSE
0,010	0,288	0,000	0,009	0,006	FALSE
-0,015	0,293	-0,001	0,009	0,050	FALSE
-0,070	0,274	0,001	0,013	0,025	FALSE
0,162	0,295	0,007	0,013	0,227	FALSE
-0,008	0,290	0,001	0,007	0,054	FALSE
0,012	0,278	0,001	0,007	0,060	FALSE
-0,087	0,297	-0,001	0,007	0,056	FALSE
0,049	0,279	0,000	0,009	0,003	FALSE
0,109	0,289	0,003	0,007	0,193	FALSE
0,103	0,286	0,003	0,011	0,087	FALSE
0,058	0,291	0,001	0,011	0,022	FALSE
0,042	0,295	0,000	0,012	0,012	FALSE
0,085	0,283	0,004	0,010	0,138	FALSE
0,105	0,278	0,002	0,010	0,073	FALSE
0,034	0,300	0,002	0,013	0,054	FALSE
0,012	0,291	0,001	0,013	0,031	FALSE
0,066	0,286	0,002	0,012	0,053	FALSE
-0,059	0,283	-0,001	0,010	0,027	FALSE
-0,055	0,301	-0,001	0,007	0,044	FALSE
0,145	0,278	0,005	0,010	0,202	FALSE
-0,018	0,315	-0,001	0,013	0,027	FALSE
-0,158	0,281	-0,006	0,012	0,200	FALSE
-0,072	0,280	-0,002	0,011	0,051	FALSE
0,069	0,282	0,002	0,012	0,051	FALSE
-0,079	0,286	-0,002	0,011	0,066	FALSE
-0,092	0,287	-0,003	0,011	0,095	FALSE
0,110	0,293	0,004	0,009	0,174	FALSE
0,007	0,292	0,001	0,010	0,042	FALSE
0,068	0,299	0,003	0,010	0,095	FALSE
0,063	0,294	0,002	0,010	0,084	FALSE
0,029	0,293	-0,001	0,007	0,037	FALSE
0,078	0,293	0,002	0,007	0,117	FALSE
-0,124	0,288	-0,005	0,011	0,211	FALSE
-0,167	0,289	-0,004	0,009	0,201	FALSE
0,116	0,284	0,005	0,011	0,187	FALSE
0,059	0,293	0,004	0,013	0,118	FALSE
0,037	0,287	0,002	0,009	0,090	FALSE
-0,019	0,292	0,002	0,013	0,055	FALSE
0,125	0,284	0,007	0,013	0,224	FALSE
0,070	0,298	0,001	0,010	0,055	FALSE
0,161	0,284	0,006	0,008	0,311	FALSE
-0,119	0,294	-0,003	0,007	0,209	FALSE
-0,145	0,288	-0,004	0,007	0,258	FALSE
-0,014	0,291	0,000	0,010	0,007	FALSE
0,118	0,281	0,003	0,007	0,175	FALSE
-0,036	0,298	-0,001	0,010	0,044	FALSE
0,045	0,303	0,001	0,013	0,036	FALSE

0,056	0,299	0,003	0,012	0,101	FALSE
0,085	0,278	0,004	0,011	0,160	FALSE
0,001	0,282	0,000	0,006	0,021	FALSE
0,018	0,272	0,002	0,011	0,067	FALSE
-0,150	0,301	-0,005	0,009	0,213	FALSE
0,136	0,295	0,004	0,010	0,151	FALSE
0,138	0,315	0,004	0,011	0,146	FALSE
0,229	0,294	0,007	0,012	0,256	FALSE
-0,081	0,287	-0,001	0,007	0,063	FALSE
0,227	0,294	0,005	0,008	0,299	FALSE
0,008	0,293	0,001	0,008	0,040	FALSE
0,009	0,274	0,001	0,006	0,035	FALSE
-0,001	0,279	0,001	0,012	0,042	FALSE
-0,024	0,278	0,000	0,012	0,000	FALSE
0,066	0,292	0,003	0,011	0,117	FALSE
0,003	0,295	0,000	0,009	0,016	FALSE
0,029	0,304	0,000	0,009	0,008	FALSE
0,013	0,294	0,000	0,009	0,007	FALSE
0,038	0,300	-0,001	0,012	0,017	FALSE
-0,150	0,290	-0,004	0,010	0,169	FALSE
0,089	0,291	0,001	0,007	0,031	FALSE
-0,149	0,283	-0,006	0,011	0,251	FALSE
0,004	0,296	-0,001	0,012	0,020	FALSE
0,062	0,297	0,003	0,012	0,083	FALSE
-0,013	0,279	0,001	0,008	0,024	FALSE
-0,090	0,290	-0,002	0,008	0,096	FALSE
0,147	0,288	0,007	0,013	0,214	FALSE
-0,083	0,293	-0,003	0,007	0,177	FALSE
0,041	0,298	0,003	0,013	0,093	FALSE
-0,056	0,295	-0,002	0,009	0,071	FALSE
0,105	0,289	0,006	0,013	0,192	FALSE
-0,013	0,295	-0,002	0,012	0,054	FALSE
0,149	0,283	0,004	0,011	0,150	FALSE
-0,049	0,288	0,000	0,007	0,021	FALSE
0,123	0,283	0,003	0,008	0,135	FALSE
-0,070	0,299	-0,002	0,009	0,093	FALSE
-0,049	0,304	-0,001	0,008	0,055	FALSE
0,172	0,275	0,003	0,007	0,172	FALSE
-0,072	0,296	-0,002	0,011	0,069	FALSE
-0,173	0,290	-0,004	0,007	0,228	FALSE
-0,150	0,276	-0,006	0,008	0,306	FALSE
-0,103	0,296	-0,001	0,007	0,062	FALSE
0,054	0,309	0,001	0,007	0,044	FALSE
0,147	0,299	0,006	0,013	0,188	FALSE
0,138	0,283	0,002	0,008	0,102	FALSE
0,110	0,287	0,001	0,008	0,068	FALSE
-0,195	0,279	-0,004	0,008	0,221	FALSE
0,024	0,283	0,000	0,008	0,008	FALSE
0,040	0,289	0,001	0,009	0,027	FALSE
-0,085	0,281	-0,004	0,011	0,141	FALSE
0,004	0,278	0,000	0,011	0,009	FALSE
-0,038	0,282	0,001	0,011	0,022	FALSE
0,070	0,287	0,000	0,011	0,004	FALSE

-0,067	0,305	-0,002	0,009	0,096	FALSE
0,028	0,305	0,001	0,007	0,039	FALSE
0,086	0,274	0,003	0,007	0,205	FALSE
-0,111	0,291	-0,003	0,008	0,162	FALSE
-0,004	0,293	0,001	0,007	0,043	FALSE
-0,038	0,291	0,001	0,012	0,018	FALSE
0,165	0,278	0,004	0,010	0,180	FALSE
-0,048	0,286	-0,001	0,010	0,038	FALSE
0,081	0,295	0,004	0,012	0,133	FALSE
0,083	0,301	0,003	0,008	0,128	FALSE
-0,068	0,292	-0,004	0,013	0,132	FALSE
-0,005	0,272	0,001	0,012	0,021	FALSE
0,023	0,297	0,001	0,012	0,023	FALSE
0,087	0,282	0,001	0,006	0,041	FALSE
0,146	0,283	0,004	0,006	0,271	FALSE
-0,026	0,302	0,000	0,013	0,002	FALSE
0,185	0,268	0,005	0,011	0,196	FALSE
-0,004	0,293	0,000	0,009	0,006	FALSE
-0,020	0,294	-0,001	0,012	0,015	FALSE
-0,044	0,299	0,000	0,007	0,008	FALSE
0,037	0,291	0,002	0,013	0,056	FALSE
0,042	0,298	0,001	0,011	0,047	FALSE
0,035	0,288	0,002	0,010	0,056	FALSE
0,061	0,293	0,002	0,010	0,065	FALSE
-0,055	0,281	-0,002	0,010	0,074	FALSE
-0,122	0,288	-0,004	0,013	0,124	FALSE
0,155	0,283	0,005	0,011	0,211	FALSE
-0,051	0,280	-0,001	0,012	0,027	FALSE
0,056	0,274	0,002	0,011	0,069	FALSE
-0,031	0,305	-0,001	0,008	0,040	FALSE
0,031	0,284	0,001	0,008	0,053	FALSE
-0,090	0,288	-0,002	0,011	0,051	FALSE
0,076	0,289	0,002	0,010	0,060	FALSE
0,074	0,296	0,004	0,013	0,140	FALSE
-0,011	0,291	-0,001	0,007	0,040	FALSE
0,103	0,273	0,004	0,008	0,198	FALSE
0,135	0,285	0,003	0,010	0,105	FALSE
0,086	0,302	0,001	0,007	0,043	FALSE
-0,017	0,285	0,001	0,010	0,026	FALSE
0,029	0,287	0,002	0,010	0,091	FALSE
0,109	0,266	0,004	0,008	0,195	FALSE
-0,082	0,286	-0,002	0,007	0,093	FALSE
-0,024	0,286	-0,001	0,007	0,078	FALSE
0,140	0,278	0,003	0,008	0,143	FALSE
0,039	0,281	0,000	0,008	0,006	FALSE
0,186	0,292	0,005	0,010	0,221	FALSE
-0,069	0,293	-0,001	0,006	0,053	FALSE
-0,050	0,295	-0,001	0,009	0,059	FALSE
0,011	0,291	0,001	0,010	0,032	FALSE
-0,128	0,279	-0,003	0,007	0,175	FALSE
0,039	0,289	0,001	0,010	0,053	FALSE
-0,117	0,274	-0,002	0,010	0,087	FALSE
-0,043	0,287	0,000	0,006	0,013	FALSE

0,009	0,288	0,001	0,008	0,025	FALSE
-0,085	0,292	-0,001	0,010	0,056	FALSE
-0,036	0,294	-0,001	0,011	0,038	FALSE
0,097	0,278	0,002	0,010	0,063	FALSE
0,049	0,293	0,002	0,008	0,069	FALSE
-0,009	0,298	-0,002	0,013	0,046	FALSE
-0,137	0,270	-0,004	0,008	0,193	FALSE
0,011	0,289	0,000	0,013	0,005	FALSE
-0,048	0,295	-0,002	0,011	0,072	FALSE
-0,094	0,288	-0,005	0,013	0,145	FALSE
-0,183	0,284	-0,006	0,009	0,277	FALSE
0,016	0,284	0,001	0,008	0,043	FALSE
0,088	0,287	0,003	0,007	0,171	FALSE
0,120	0,281	0,004	0,012	0,110	FALSE
-0,119	0,276	-0,005	0,012	0,159	FALSE
0,063	0,285	0,001	0,009	0,044	FALSE
0,097	0,299	0,003	0,008	0,138	FALSE
-0,032	0,294	-0,002	0,012	0,052	FALSE
0,084	0,285	0,001	0,009	0,041	FALSE
-0,012	0,288	-0,001	0,012	0,033	FALSE
0,023	0,300	0,002	0,012	0,053	FALSE
0,076	0,290	0,003	0,011	0,113	FALSE
-0,081	0,292	-0,001	0,013	0,031	FALSE
0,018	0,291	0,001	0,011	0,041	FALSE
0,030	0,299	0,002	0,011	0,053	FALSE
0,015	0,289	0,001	0,010	0,055	FALSE
0,017	0,285	0,001	0,010	0,047	FALSE
-0,003	0,303	0,001	0,011	0,019	FALSE
0,057	0,284	0,003	0,010	0,097	FALSE
-0,046	0,291	-0,002	0,007	0,086	FALSE
0,098	0,287	0,002	0,009	0,064	FALSE
-0,086	0,281	-0,002	0,006	0,092	FALSE
0,054	0,304	0,002	0,009	0,072	FALSE
-0,086	0,285	-0,003	0,012	0,098	FALSE
-0,096	0,283	-0,002	0,007	0,106	FALSE
-0,081	0,283	-0,002	0,007	0,104	FALSE
-0,181	0,281	-0,008	0,013	0,274	FALSE
0,157	0,284	0,007	0,013	0,225	FALSE
-0,082	0,287	-0,004	0,010	0,139	FALSE
0,009	0,295	0,000	0,009	0,020	FALSE
-0,108	0,282	-0,002	0,008	0,067	FALSE
0,139	0,277	0,007	0,011	0,285	FALSE
0,000	0,298	-0,002	0,013	0,045	FALSE
0,124	0,285	0,005	0,010	0,205	FALSE
0,067	0,286	0,002	0,007	0,104	FALSE
0,038	0,291	0,001	0,011	0,031	FALSE
-0,057	0,296	-0,001	0,009	0,024	FALSE
-0,061	0,294	-0,001	0,009	0,034	FALSE
0,009	0,295	0,001	0,010	0,051	FALSE
0,010	0,286	0,002	0,009	0,066	FALSE
-0,010	0,295	-0,001	0,011	0,029	FALSE
0,034	0,303	0,002	0,013	0,063	FALSE
-0,034	0,293	0,000	0,011	0,008	FALSE

0,133	0,289	0,003	0,007	0,144	FALSE
-0,012	0,305	-0,001	0,007	0,053	FALSE
0,001	0,286	0,000	0,012	0,011	FALSE
0,031	0,263	0,000	0,009	0,015	FALSE
0,078	0,278	0,002	0,007	0,104	FALSE
-0,025	0,298	-0,001	0,012	0,035	FALSE
0,118	0,301	0,003	0,010	0,110	FALSE
-0,118	0,292	-0,003	0,012	0,081	FALSE
0,055	0,308	0,001	0,007	0,073	FALSE
0,018	0,294	0,000	0,012	0,004	FALSE
0,000	0,290	-0,001	0,012	0,031	FALSE
0,126	0,297	0,004	0,009	0,202	FALSE
0,024	0,281	0,000	0,007	0,021	FALSE
-0,109	0,293	-0,002	0,007	0,096	FALSE
0,005	0,283	-0,001	0,008	0,047	FALSE
-0,091	0,290	-0,004	0,012	0,120	FALSE
-0,100	0,285	-0,003	0,012	0,104	FALSE
0,107	0,291	0,002	0,008	0,113	FALSE
-0,178	0,277	-0,006	0,009	0,318	FALSE
-0,077	0,287	-0,001	0,007	0,069	FALSE
0,028	0,287	0,002	0,012	0,047	FALSE
-0,041	0,291	-0,001	0,008	0,060	FALSE
0,088	0,304	0,002	0,008	0,073	FALSE
-0,070	0,282	-0,002	0,009	0,076	FALSE
-0,089	0,309	-0,003	0,013	0,099	FALSE
0,076	0,284	0,001	0,007	0,069	FALSE
-0,170	0,297	-0,004	0,008	0,240	FALSE
-0,020	0,288	0,000	0,007	0,012	FALSE
0,048	0,300	0,002	0,006	0,094	FALSE
0,033	0,300	0,002	0,011	0,058	FALSE
0,168	0,284	0,006	0,009	0,277	FALSE
-0,111	0,293	-0,003	0,011	0,125	FALSE
0,155	0,280	0,005	0,012	0,171	FALSE
0,188	0,282	0,007	0,012	0,233	FALSE
0,126	0,279	0,002	0,006	0,130	FALSE
-0,048	0,285	-0,001	0,007	0,062	FALSE
-0,083	0,288	-0,005	0,012	0,166	FALSE
-0,077	0,299	-0,003	0,009	0,114	FALSE
0,003	0,283	0,002	0,012	0,061	FALSE
0,059	0,295	0,002	0,007	0,091	FALSE
-0,183	0,288	-0,008	0,012	0,282	FALSE
0,033	0,279	0,000	0,007	0,007	FALSE
-0,049	0,280	-0,001	0,009	0,026	FALSE
-0,012	0,291	-0,001	0,010	0,021	FALSE
-0,001	0,284	0,000	0,006	0,007	FALSE
0,023	0,290	0,000	0,009	0,006	FALSE
-0,029	0,284	0,000	0,008	0,019	FALSE
-0,012	0,299	0,000	0,008	0,014	FALSE
0,094	0,301	0,003	0,009	0,108	FALSE
0,081	0,287	0,001	0,009	0,021	FALSE
0,088	0,285	0,001	0,009	0,053	FALSE
0,063	0,291	0,000	0,009	0,012	FALSE
-0,009	0,287	0,000	0,009	0,005	FALSE

-0,021	0,304	0,000	0,009	0,011	FALSE
-0,013	0,290	0,001	0,010	0,038	FALSE
-0,056	0,293	-0,003	0,009	0,121	FALSE
0,021	0,291	0,002	0,013	0,072	FALSE
0,135	0,281	0,005	0,011	0,181	FALSE
-0,113	0,292	-0,003	0,011	0,125	FALSE
0,093	0,287	0,004	0,012	0,116	FALSE
0,001	0,297	0,000	0,008	0,013	FALSE
0,054	0,296	0,002	0,007	0,081	FALSE
-0,114	0,280	-0,005	0,012	0,167	FALSE
-0,076	0,293	-0,004	0,012	0,121	FALSE
-0,253	0,285	-0,007	0,008	0,386	FALSE
-0,076	0,295	-0,001	0,009	0,043	FALSE
0,026	0,277	-0,002	0,011	0,058	FALSE
-0,048	0,296	-0,002	0,008	0,077	FALSE
-0,014	0,295	-0,001	0,008	0,028	FALSE
0,081	0,296	0,001	0,009	0,063	FALSE
-0,002	0,283	-0,001	0,008	0,024	FALSE
0,028	0,276	0,000	0,009	0,001	FALSE
0,102	0,291	0,002	0,009	0,085	FALSE
-0,042	0,297	-0,002	0,007	0,134	FALSE
-0,020	0,289	0,000	0,008	0,015	FALSE
-0,013	0,284	0,000	0,012	0,000	FALSE
0,104	0,285	0,002	0,006	0,128	FALSE
0,066	0,295	0,001	0,013	0,030	FALSE
-0,060	0,288	-0,002	0,007	0,090	FALSE
0,043	0,298	0,002	0,007	0,105	FALSE
0,157	0,282	0,003	0,007	0,165	FALSE
0,066	0,315	0,002	0,009	0,099	FALSE
0,206	0,275	0,008	0,013	0,289	FALSE
0,000	0,282	-0,001	0,008	0,023	FALSE
-0,212	0,287	-0,008	0,012	0,300	FALSE
0,030	0,297	0,002	0,009	0,066	FALSE
-0,163	0,266	-0,005	0,010	0,235	FALSE
0,151	0,288	0,004	0,007	0,274	FALSE
0,078	0,279	0,005	0,011	0,191	FALSE
0,082	0,297	0,005	0,012	0,182	FALSE
0,065	0,288	0,005	0,012	0,160	FALSE
0,073	0,292	0,005	0,012	0,178	FALSE
0,071	0,286	0,005	0,012	0,177	FALSE
0,122	0,276	0,008	0,012	0,307	FALSE
0,087	0,292	0,003	0,009	0,122	FALSE
0,136	0,299	0,006	0,013	0,172	FALSE
-0,098	0,287	-0,002	0,008	0,090	FALSE
-0,087	0,289	-0,001	0,012	0,037	FALSE
-0,026	0,290	0,001	0,011	0,025	FALSE
0,050	0,284	0,001	0,010	0,027	FALSE
0,018	0,287	0,000	0,009	0,007	FALSE
-0,021	0,293	-0,001	0,008	0,049	FALSE
0,047	0,301	0,002	0,007	0,105	FALSE
-0,021	0,292	-0,002	0,008	0,072	FALSE
0,014	0,291	-0,001	0,008	0,035	FALSE
-0,122	0,281	-0,004	0,007	0,220	FALSE

0,092	0,287	0,001	0,011	0,026	FALSE
0,183	0,292	0,006	0,013	0,201	FALSE
0,072	0,277	0,002	0,010	0,084	FALSE
-0,054	0,288	-0,002	0,010	0,064	FALSE
0,200	0,290	0,008	0,012	0,293	FALSE
0,164	0,269	0,006	0,011	0,240	FALSE
-0,132	0,297	-0,006	0,014	0,175	FALSE
0,013	0,291	0,000	0,009	0,018	FALSE
0,029	0,282	0,001	0,008	0,040	FALSE
-0,005	0,285	0,000	0,012	0,010	FALSE
-0,043	0,287	0,001	0,011	0,031	FALSE
-0,109	0,285	-0,002	0,006	0,093	FALSE
-0,102	0,287	-0,001	0,006	0,072	FALSE
-0,097	0,293	-0,003	0,009	0,148	FALSE
-0,029	0,292	0,000	0,009	0,002	FALSE
0,131	0,295	0,004	0,013	0,110	FALSE
-0,021	0,307	0,000	0,009	0,003	FALSE
0,079	0,281	0,000	0,007	0,009	FALSE
-0,036	0,290	-0,001	0,008	0,028	FALSE
-0,075	0,288	-0,004	0,013	0,129	FALSE
0,050	0,297	0,001	0,008	0,037	FALSE
-0,051	0,292	-0,001	0,007	0,042	FALSE
0,112	0,295	0,003	0,009	0,115	FALSE
-0,194	0,277	-0,006	0,012	0,201	FALSE
-0,184	0,285	-0,005	0,012	0,189	FALSE
-0,143	0,294	-0,004	0,009	0,169	FALSE
-0,056	0,300	-0,003	0,011	0,112	FALSE
-0,033	0,294	0,000	0,006	0,012	FALSE
0,153	0,304	0,002	0,007	0,105	FALSE
-0,103	0,285	-0,002	0,009	0,101	FALSE
-0,114	0,293	-0,003	0,010	0,108	FALSE
-0,107	0,294	-0,002	0,009	0,092	FALSE
-0,097	0,294	-0,002	0,010	0,085	FALSE
-0,166	0,293	-0,005	0,008	0,274	FALSE
-0,164	0,286	-0,005	0,009	0,270	FALSE
0,098	0,291	0,002	0,010	0,083	FALSE
-0,051	0,288	0,000	0,011	0,015	FALSE
-0,084	0,288	-0,002	0,009	0,067	FALSE
0,163	0,275	0,008	0,013	0,283	FALSE
0,101	0,271	0,005	0,010	0,197	FALSE
-0,021	0,285	-0,001	0,013	0,031	FALSE
0,082	0,278	0,004	0,012	0,125	FALSE
-0,185	0,278	-0,005	0,009	0,202	FALSE
0,086	0,280	0,002	0,007	0,102	FALSE
0,176	0,284	0,005	0,009	0,253	FALSE
-0,011	0,286	0,000	0,009	0,017	FALSE
-0,053	0,285	0,000	0,012	0,014	FALSE
-0,008	0,298	0,001	0,009	0,055	FALSE
0,029	0,286	0,002	0,014	0,046	FALSE
0,001	0,264	0,000	0,013	0,005	FALSE
-0,115	0,304	-0,005	0,010	0,218	FALSE
-0,005	0,295	0,001	0,009	0,026	FALSE
-0,062	0,290	-0,001	0,007	0,036	FALSE

0,020	0,293	0,000	0,010	0,003	FALSE
-0,007	0,290	0,001	0,008	0,058	FALSE
0,043	0,274	0,004	0,012	0,129	FALSE
-0,069	0,280	-0,003	0,007	0,176	FALSE
0,128	0,284	0,006	0,013	0,184	FALSE
-0,014	0,292	-0,001	0,006	0,085	FALSE
0,103	0,287	0,002	0,007	0,089	FALSE
-0,008	0,282	0,000	0,011	0,005	FALSE
0,027	0,299	0,002	0,008	0,082	FALSE
-0,035	0,293	-0,002	0,007	0,130	FALSE
0,143	0,290	0,006	0,011	0,243	FALSE
0,103	0,292	0,002	0,007	0,124	FALSE
-0,064	0,286	-0,001	0,010	0,039	FALSE
0,020	0,290	-0,001	0,007	0,066	FALSE
0,084	0,285	0,001	0,010	0,051	FALSE
-0,072	0,289	-0,003	0,010	0,122	FALSE
0,083	0,285	0,001	0,007	0,078	FALSE
-0,008	0,296	-0,001	0,007	0,044	FALSE
0,028	0,284	0,002	0,010	0,065	FALSE
0,058	0,305	0,002	0,012	0,066	FALSE
-0,089	0,287	-0,001	0,006	0,058	FALSE
0,105	0,291	0,004	0,011	0,142	FALSE
0,121	0,286	0,003	0,007	0,186	FALSE
-0,059	0,303	-0,001	0,010	0,047	FALSE
0,041	0,284	0,001	0,006	0,068	FALSE
0,087	0,286	0,003	0,012	0,093	FALSE
0,091	0,308	0,001	0,008	0,051	FALSE
0,071	0,298	0,000	0,007	0,019	FALSE
0,135	0,288	0,003	0,007	0,156	FALSE
-0,066	0,290	-0,002	0,012	0,048	FALSE
-0,117	0,287	-0,004	0,012	0,116	FALSE
-0,117	0,274	-0,004	0,011	0,130	FALSE
-0,053	0,293	-0,001	0,012	0,027	FALSE
-0,097	0,279	-0,003	0,011	0,098	FALSE
-0,045	0,290	-0,001	0,012	0,043	FALSE
0,006	0,298	0,002	0,009	0,064	FALSE
0,055	0,292	0,001	0,011	0,035	FALSE
0,011	0,288	0,001	0,008	0,048	FALSE
-0,091	0,279	-0,005	0,011	0,185	FALSE
-0,101	0,289	-0,005	0,011	0,206	FALSE
0,014	0,284	0,001	0,011	0,040	FALSE
-0,008	0,293	-0,002	0,009	0,070	FALSE
0,002	0,291	0,000	0,007	0,003	FALSE
0,011	0,276	0,000	0,007	0,001	FALSE
0,081	0,293	0,002	0,009	0,082	FALSE
-0,047	0,296	-0,001	0,013	0,035	FALSE
0,086	0,283	0,002	0,011	0,068	FALSE
0,092	0,303	0,002	0,007	0,095	FALSE
0,063	0,280	0,001	0,007	0,049	FALSE
-0,043	0,294	-0,001	0,012	0,027	FALSE
-0,075	0,302	-0,001	0,012	0,036	FALSE
0,004	0,285	-0,001	0,008	0,058	FALSE
0,011	0,292	0,000	0,010	0,006	FALSE

-0,145	0,287	-0,002	0,007	0,110	FALSE
0,027	0,289	0,000	0,009	0,017	FALSE
0,025	0,297	0,000	0,008	0,019	FALSE
-0,038	0,274	-0,004	0,012	0,135	FALSE
-0,022	0,302	0,001	0,012	0,019	FALSE
-0,018	0,302	0,000	0,008	0,011	FALSE
-0,198	0,270	-0,006	0,009	0,281	FALSE
0,004	0,283	0,001	0,009	0,025	FALSE
-0,007	0,296	-0,001	0,007	0,050	FALSE
-0,055	0,287	0,000	0,008	0,000	FALSE
0,122	0,296	0,004	0,012	0,134	FALSE
-0,030	0,296	-0,003	0,008	0,130	FALSE
-0,161	0,303	-0,003	0,007	0,157	FALSE
-0,033	0,285	-0,002	0,008	0,074	FALSE
0,006	0,285	0,002	0,011	0,075	FALSE
-0,146	0,282	-0,005	0,009	0,206	FALSE
0,233	0,282	0,007	0,010	0,290	FALSE
-0,086	0,304	-0,002	0,008	0,113	FALSE
-0,064	0,293	-0,002	0,007	0,077	FALSE
-0,016	0,300	-0,002	0,012	0,078	FALSE
0,078	0,285	0,002	0,007	0,115	FALSE
-0,024	0,279	0,001	0,006	0,041	FALSE
-0,121	0,285	-0,002	0,007	0,130	FALSE
0,157	0,284	0,005	0,010	0,202	FALSE
0,144	0,286	0,004	0,009	0,178	FALSE
-0,157	0,283	-0,004	0,011	0,161	FALSE
0,073	0,280	0,001	0,006	0,071	FALSE
-0,018	0,299	-0,001	0,008	0,023	FALSE
0,089	0,297	0,003	0,007	0,185	FALSE
-0,089	0,298	-0,002	0,009	0,093	FALSE
-0,105	0,278	-0,004	0,008	0,174	FALSE
0,069	0,302	0,003	0,013	0,083	FALSE
-0,001	0,287	-0,001	0,010	0,039	FALSE
-0,080	0,278	-0,004	0,013	0,110	FALSE
-0,024	0,294	-0,001	0,007	0,068	FALSE
-0,065	0,284	0,000	0,009	0,015	FALSE
0,007	0,299	-0,001	0,008	0,045	FALSE
-0,056	0,283	0,000	0,008	0,018	FALSE
-0,054	0,277	0,001	0,010	0,041	FALSE
-0,079	0,279	0,000	0,012	0,005	FALSE
-0,079	0,277	0,000	0,010	0,011	FALSE
-0,080	0,285	0,000	0,010	0,004	FALSE
-0,138	0,284	-0,002	0,010	0,082	FALSE
-0,072	0,269	0,000	0,012	0,005	FALSE
-0,059	0,281	0,000	0,012	0,011	FALSE
-0,113	0,288	-0,002	0,012	0,062	FALSE
0,109	0,287	0,004	0,009	0,181	FALSE
0,069	0,279	0,004	0,013	0,107	FALSE
-0,014	0,275	-0,001	0,008	0,033	FALSE
0,101	0,291	0,002	0,008	0,119	FALSE
0,111	0,292	0,003	0,007	0,163	FALSE
0,090	0,298	0,003	0,008	0,120	FALSE
-0,048	0,303	-0,002	0,013	0,069	FALSE

0,001	0,293	-0,001	0,012	0,033	FALSE
0,023	0,282	0,002	0,007	0,091	FALSE
-0,040	0,287	-0,001	0,012	0,038	FALSE
-0,058	0,283	-0,002	0,009	0,074	FALSE
0,033	0,293	0,000	0,011	0,011	FALSE
-0,017	0,296	0,000	0,009	0,004	FALSE
0,069	0,280	0,001	0,008	0,062	FALSE
-0,070	0,288	-0,001	0,007	0,061	FALSE
-0,073	0,289	-0,001	0,008	0,061	FALSE
0,120	0,301	0,003	0,010	0,098	FALSE
0,061	0,282	0,002	0,009	0,073	FALSE
-0,001	0,286	0,001	0,013	0,034	FALSE
-0,062	0,290	-0,003	0,009	0,143	FALSE
0,029	0,296	-0,002	0,013	0,051	FALSE
-0,111	0,274	-0,004	0,011	0,146	FALSE
-0,040	0,308	-0,001	0,007	0,053	FALSE
-0,001	0,286	0,001	0,008	0,066	FALSE
0,064	0,294	0,003	0,011	0,115	FALSE
0,070	0,294	0,003	0,011	0,112	FALSE
0,047	0,286	0,001	0,012	0,027	FALSE
0,084	0,279	0,005	0,009	0,257	FALSE
0,032	0,289	0,002	0,013	0,043	FALSE
0,119	0,280	0,003	0,013	0,095	FALSE
0,177	0,286	0,004	0,006	0,255	FALSE
0,059	0,284	0,000	0,009	0,011	FALSE
0,057	0,288	0,000	0,011	0,002	FALSE
-0,029	0,279	-0,001	0,008	0,036	FALSE
-0,057	0,298	-0,001	0,007	0,051	FALSE
0,050	0,286	0,001	0,006	0,069	FALSE
-0,120	0,288	-0,004	0,009	0,154	FALSE
-0,002	0,286	-0,001	0,006	0,063	FALSE
0,099	0,290	0,004	0,007	0,203	FALSE
0,030	0,287	0,001	0,006	0,043	FALSE
0,010	0,294	0,000	0,010	0,016	FALSE
0,089	0,280	0,006	0,012	0,191	FALSE
-0,200	0,284	-0,005	0,009	0,246	FALSE
-0,045	0,289	-0,001	0,006	0,076	FALSE
0,007	0,292	0,001	0,012	0,031	FALSE
0,133	0,289	0,004	0,008	0,223	FALSE
-0,047	0,265	0,001	0,012	0,020	FALSE
0,005	0,286	0,002	0,011	0,067	FALSE
-0,082	0,296	-0,001	0,010	0,026	FALSE
0,001	0,303	0,000	0,013	0,012	FALSE
0,067	0,291	0,000	0,010	0,017	FALSE
-0,055	0,294	-0,004	0,013	0,112	FALSE
0,058	0,291	0,000	0,006	0,005	FALSE
0,062	0,278	0,002	0,012	0,074	FALSE
0,140	0,292	0,002	0,007	0,112	FALSE
0,027	0,283	0,002	0,011	0,088	FALSE
-0,064	0,299	0,000	0,008	0,017	FALSE
-0,005	0,299	0,000	0,011	0,011	FALSE
0,054	0,298	0,002	0,006	0,113	FALSE
0,030	0,308	0,002	0,013	0,049	FALSE

-0,058	0,284	-0,001	0,008	0,039	FALSE
0,001	0,290	-0,001	0,007	0,044	FALSE
-0,127	0,301	-0,002	0,007	0,119	FALSE
0,007	0,288	0,000	0,006	0,028	FALSE
-0,117	0,295	-0,003	0,013	0,090	FALSE
-0,096	0,280	-0,002	0,013	0,066	FALSE
-0,005	0,294	-0,001	0,007	0,066	FALSE
-0,006	0,288	-0,001	0,007	0,070	FALSE
0,159	0,289	0,005	0,008	0,277	FALSE
0,142	0,292	0,004	0,008	0,240	FALSE
0,183	0,289	0,007	0,011	0,286	FALSE
0,148	0,283	0,006	0,011	0,238	FALSE
0,012	0,283	0,001	0,011	0,033	FALSE
-0,074	0,289	-0,001	0,008	0,046	FALSE
-0,019	0,295	-0,001	0,008	0,066	FALSE
0,035	0,295	0,002	0,007	0,090	FALSE
0,052	0,295	0,002	0,013	0,069	FALSE
0,046	0,282	0,003	0,012	0,081	FALSE
0,097	0,294	0,003	0,012	0,104	FALSE
-0,086	0,293	-0,002	0,009	0,098	FALSE
0,029	0,292	0,001	0,008	0,028	FALSE
-0,074	0,279	-0,003	0,008	0,146	FALSE
-0,075	0,298	-0,004	0,012	0,131	FALSE
-0,063	0,281	-0,002	0,008	0,109	FALSE
-0,128	0,286	-0,005	0,010	0,208	FALSE
-0,212	0,277	-0,005	0,009	0,229	FALSE
0,083	0,274	0,005	0,010	0,193	FALSE
-0,014	0,285	-0,002	0,013	0,064	FALSE
-0,069	0,289	-0,002	0,008	0,115	FALSE
0,064	0,283	0,004	0,010	0,163	FALSE
-0,017	0,293	0,000	0,007	0,026	FALSE
-0,042	0,277	0,000	0,008	0,002	FALSE
-0,042	0,289	-0,001	0,007	0,046	FALSE
0,053	0,294	0,004	0,013	0,124	FALSE
0,049	0,294	0,001	0,006	0,084	FALSE
-0,027	0,293	-0,001	0,008	0,035	FALSE
0,010	0,280	-0,001	0,007	0,043	FALSE
0,116	0,287	0,004	0,008	0,194	FALSE
0,056	0,297	0,000	0,009	0,011	FALSE
-0,193	0,279	-0,007	0,011	0,269	FALSE
-0,157	0,281	-0,006	0,011	0,216	FALSE
-0,183	0,287	-0,004	0,009	0,168	FALSE
-0,102	0,293	-0,002	0,009	0,063	FALSE
0,090	0,293	0,003	0,012	0,091	FALSE
-0,203	0,272	-0,005	0,011	0,168	FALSE
-0,044	0,283	0,000	0,006	0,023	FALSE
-0,057	0,276	-0,001	0,006	0,033	FALSE
-0,034	0,298	0,000	0,007	0,007	FALSE
-0,065	0,291	-0,001	0,006	0,032	FALSE
-0,005	0,284	0,000	0,006	0,002	FALSE
0,134	0,292	0,002	0,006	0,095	FALSE
-0,072	0,291	-0,001	0,007	0,053	FALSE
-0,114	0,287	-0,002	0,007	0,139	FALSE

0,066	0,277	0,003	0,012	0,089	FALSE
0,027	0,302	0,002	0,009	0,064	FALSE
0,050	0,286	0,002	0,012	0,074	FALSE
-0,041	0,287	-0,001	0,011	0,026	FALSE
-0,026	0,307	-0,002	0,013	0,048	FALSE
-0,046	0,283	0,000	0,010	0,013	FALSE
0,005	0,295	-0,001	0,007	0,031	FALSE
-0,056	0,282	-0,002	0,007	0,080	FALSE
0,036	0,284	0,001	0,012	0,038	FALSE
0,194	0,285	0,003	0,008	0,184	FALSE
-0,028	0,278	0,000	0,012	0,011	FALSE
0,197	0,270	0,007	0,012	0,276	FALSE
-0,059	0,310	-0,001	0,007	0,031	FALSE
0,014	0,286	-0,001	0,007	0,035	FALSE
-0,071	0,291	-0,002	0,007	0,089	FALSE
0,140	0,289	0,004	0,012	0,142	FALSE
0,116	0,288	0,004	0,013	0,118	FALSE
-0,035	0,288	-0,001	0,007	0,026	FALSE
0,000	0,293	0,000	0,007	0,024	FALSE
-0,137	0,294	-0,005	0,009	0,204	FALSE
0,151	0,290	0,003	0,007	0,196	FALSE
0,109	0,295	0,002	0,010	0,097	FALSE
0,034	0,293	0,001	0,012	0,018	FALSE
-0,035	0,292	-0,002	0,010	0,070	FALSE
-0,034	0,291	-0,003	0,008	0,140	FALSE
0,055	0,289	0,003	0,009	0,127	FALSE
-0,097	0,288	-0,002	0,006	0,126	FALSE
0,162	0,290	0,005	0,013	0,151	FALSE
-0,265	0,275	-0,007	0,010	0,342	FALSE
-0,208	0,285	-0,008	0,013	0,258	FALSE
-0,220	0,295	-0,008	0,013	0,259	FALSE
-0,099	0,286	-0,004	0,009	0,153	FALSE
-0,136	0,292	-0,003	0,007	0,162	FALSE
-0,075	0,296	-0,002	0,007	0,137	FALSE
-0,014	0,302	-0,001	0,012	0,019	FALSE
-0,007	0,287	0,000	0,012	0,015	FALSE
0,000	0,295	0,000	0,012	0,007	FALSE
-0,075	0,283	-0,003	0,011	0,102	FALSE
-0,119	0,293	-0,006	0,011	0,242	FALSE
-0,117	0,289	-0,004	0,009	0,165	FALSE
-0,126	0,277	-0,003	0,008	0,153	FALSE
-0,057	0,289	-0,001	0,007	0,054	FALSE
-0,135	0,289	-0,005	0,009	0,215	FALSE
-0,129	0,280	-0,005	0,009	0,229	FALSE
-0,041	0,284	-0,005	0,013	0,143	FALSE
0,026	0,284	-0,002	0,012	0,051	FALSE
0,009	0,291	-0,002	0,012	0,064	FALSE
-0,021	0,283	0,000	0,009	0,002	FALSE
0,034	0,294	0,001	0,008	0,024	FALSE
0,087	0,299	0,000	0,006	0,018	FALSE
-0,004	0,281	-0,002	0,007	0,082	FALSE
-0,158	0,297	-0,003	0,009	0,155	FALSE
-0,171	0,286	-0,004	0,007	0,221	FALSE

0,000	0,292	0,000	0,008	0,009	FALSE
0,108	0,308	0,002	0,007	0,121	FALSE
0,064	0,298	0,003	0,013	0,093	FALSE
-0,025	0,281	0,001	0,009	0,060	FALSE
-0,070	0,274	-0,003	0,007	0,161	FALSE
-0,104	0,279	-0,003	0,012	0,102	FALSE
0,094	0,278	0,002	0,009	0,093	FALSE
-0,178	0,287	-0,008	0,013	0,268	FALSE
0,039	0,286	0,001	0,006	0,036	FALSE
0,016	0,291	0,000	0,007	0,001	FALSE
0,041	0,289	0,003	0,010	0,116	FALSE
0,042	0,290	0,002	0,010	0,079	FALSE
0,021	0,292	0,002	0,010	0,085	FALSE
0,037	0,284	0,002	0,010	0,089	FALSE
0,099	0,295	0,004	0,010	0,163	FALSE
0,120	0,283	0,003	0,009	0,130	FALSE
0,033	0,295	0,002	0,012	0,053	FALSE
0,102	0,292	0,005	0,013	0,175	FALSE
-0,117	0,285	-0,003	0,011	0,114	FALSE
-0,056	0,285	-0,003	0,012	0,097	FALSE
-0,005	0,289	0,001	0,007	0,047	FALSE
-0,030	0,275	-0,002	0,012	0,053	FALSE
-0,121	0,279	-0,007	0,012	0,265	FALSE
-0,041	0,291	-0,003	0,013	0,084	FALSE
0,023	0,296	0,000	0,013	0,002	FALSE
-0,041	0,279	0,000	0,007	0,003	FALSE
-0,021	0,285	-0,001	0,009	0,026	FALSE
-0,071	0,290	-0,002	0,009	0,085	FALSE
0,136	0,282	0,004	0,008	0,233	FALSE
-0,142	0,297	-0,007	0,013	0,222	FALSE
0,082	0,282	0,002	0,007	0,133	FALSE
0,008	0,295	0,001	0,013	0,015	FALSE
0,149	0,280	0,006	0,011	0,231	FALSE
-0,087	0,302	-0,002	0,006	0,110	FALSE
-0,082	0,290	-0,002	0,007	0,093	FALSE
-0,056	0,285	-0,001	0,008	0,048	FALSE
-0,007	0,278	0,000	0,006	0,010	FALSE
0,174	0,294	0,004	0,008	0,233	FALSE
0,093	0,283	0,002	0,008	0,089	FALSE
0,030	0,292	0,000	0,012	0,010	FALSE
-0,053	0,289	-0,001	0,007	0,073	FALSE
-0,086	0,292	-0,002	0,007	0,103	FALSE
-0,011	0,284	0,000	0,007	0,009	FALSE
-0,074	0,291	-0,003	0,013	0,093	FALSE
-0,129	0,284	-0,004	0,009	0,205	FALSE
-0,048	0,284	-0,003	0,009	0,140	FALSE
0,085	0,294	0,002	0,010	0,083	FALSE
-0,134	0,291	-0,007	0,012	0,226	FALSE
-0,018	0,277	-0,002	0,012	0,066	FALSE
0,080	0,289	0,001	0,007	0,038	FALSE
-0,041	0,300	-0,001	0,007	0,066	FALSE
0,035	0,290	0,001	0,009	0,035	FALSE
0,018	0,289	-0,001	0,008	0,027	FALSE

-0,091	0,282	-0,004	0,010	0,162	FALSE
-0,194	0,271	-0,006	0,011	0,240	FALSE
0,004	0,287	0,000	0,007	0,004	FALSE
0,174	0,296	0,009	0,013	0,322	FALSE
0,089	0,284	0,001	0,010	0,043	FALSE
0,064	0,285	0,002	0,008	0,093	FALSE
0,091	0,280	0,002	0,007	0,080	FALSE
0,111	0,285	0,002	0,007	0,106	FALSE
-0,115	0,282	-0,002	0,008	0,106	FALSE
-0,054	0,283	-0,003	0,007	0,184	FALSE
0,174	0,290	0,004	0,007	0,210	FALSE
-0,026	0,299	-0,001	0,010	0,028	FALSE
-0,004	0,291	0,002	0,012	0,050	FALSE
-0,059	0,285	-0,002	0,013	0,053	FALSE
0,085	0,294	0,003	0,011	0,101	FALSE
0,003	0,287	0,001	0,010	0,030	FALSE
0,079	0,283	0,003	0,008	0,137	FALSE
0,004	0,295	-0,001	0,013	0,031	FALSE
0,166	0,298	0,003	0,008	0,148	FALSE
-0,023	0,302	0,000	0,010	0,012	FALSE
0,039	0,290	0,001	0,009	0,035	FALSE
0,096	0,286	0,003	0,009	0,110	FALSE
-0,114	0,283	-0,003	0,013	0,088	FALSE
0,103	0,275	0,003	0,013	0,096	FALSE
0,206	0,269	0,006	0,009	0,315	FALSE
-0,053	0,281	-0,001	0,007	0,069	FALSE
0,037	0,295	0,002	0,008	0,096	FALSE
-0,008	0,294	-0,001	0,012	0,025	FALSE
0,021	0,291	0,001	0,008	0,069	FALSE
-0,056	0,290	0,000	0,008	0,022	FALSE
0,074	0,299	0,001	0,007	0,053	FALSE
0,010	0,297	0,001	0,008	0,057	FALSE
0,018	0,294	-0,001	0,012	0,030	FALSE
0,039	0,290	0,000	0,012	0,009	FALSE
0,016	0,296	-0,001	0,013	0,016	FALSE
0,015	0,299	0,000	0,010	0,007	FALSE
0,136	0,296	0,002	0,008	0,117	FALSE
0,114	0,280	0,002	0,007	0,148	FALSE
-0,057	0,283	-0,002	0,007	0,129	FALSE
-0,040	0,283	-0,003	0,010	0,100	FALSE
0,041	0,287	0,000	0,012	0,003	FALSE
0,112	0,273	0,005	0,012	0,160	FALSE
0,001	0,290	-0,001	0,009	0,027	FALSE
-0,090	0,290	-0,003	0,012	0,094	FALSE
0,135	0,291	0,003	0,008	0,169	FALSE
-0,113	0,278	-0,002	0,011	0,069	FALSE
-0,002	0,289	0,000	0,006	0,024	FALSE
-0,048	0,276	-0,001	0,007	0,049	FALSE
0,013	0,273	0,000	0,008	0,008	FALSE
0,080	0,289	0,003	0,008	0,157	FALSE
0,155	0,302	0,005	0,008	0,264	FALSE
0,032	0,300	0,003	0,013	0,074	FALSE
0,126	0,294	0,004	0,009	0,190	FALSE

-0,048	0,290	-0,001	0,010	0,042	FALSE
0,027	0,285	0,002	0,008	0,108	FALSE
-0,017	0,299	0,000	0,013	0,011	FALSE
-0,005	0,312	0,000	0,013	0,003	FALSE
-0,013	0,290	0,000	0,012	0,011	FALSE
-0,001	0,288	0,001	0,010	0,045	FALSE
-0,033	0,293	-0,002	0,012	0,059	FALSE
0,142	0,289	0,004	0,011	0,133	FALSE
0,083	0,278	0,002	0,007	0,100	FALSE
-0,064	0,292	-0,002	0,007	0,138	FALSE
0,061	0,294	0,004	0,012	0,117	FALSE
0,102	0,299	0,003	0,007	0,165	TRUE
0,078	0,288	0,002	0,012	0,059	FALSE
-0,021	0,294	-0,001	0,010	0,023	FALSE
0,044	0,297	0,001	0,007	0,042	FALSE
-0,065	0,294	-0,003	0,009	0,105	FALSE
-0,112	0,293	-0,003	0,013	0,083	FALSE
0,106	0,292	0,002	0,008	0,113	FALSE
-0,173	0,274	-0,004	0,007	0,247	FALSE
-0,037	0,286	0,000	0,008	0,006	FALSE
0,127	0,286	0,004	0,009	0,162	FALSE
-0,089	0,285	-0,004	0,008	0,187	FALSE
0,002	0,295	0,000	0,012	0,011	FALSE
-0,015	0,295	-0,001	0,013	0,041	FALSE
-0,096	0,273	-0,003	0,008	0,148	FALSE
-0,088	0,291	-0,002	0,007	0,083	FALSE
0,012	0,303	0,001	0,008	0,028	FALSE
0,057	0,285	0,002	0,012	0,068	FALSE
0,086	0,287	0,003	0,013	0,101	FALSE
-0,103	0,295	-0,002	0,010	0,073	FALSE
-0,052	0,310	-0,002	0,009	0,091	FALSE
-0,089	0,286	-0,002	0,007	0,097	FALSE
-0,062	0,284	-0,001	0,013	0,035	FALSE
0,006	0,304	-0,001	0,013	0,016	FALSE
0,039	0,295	0,002	0,013	0,060	FALSE
-0,038	0,287	-0,002	0,010	0,056	FALSE
0,062	0,273	0,002	0,007	0,126	FALSE
0,069	0,289	0,004	0,012	0,116	FALSE
0,024	0,296	0,003	0,010	0,106	FALSE
0,006	0,293	0,001	0,008	0,049	FALSE
-0,022	0,279	0,000	0,008	0,008	FALSE
-0,110	0,291	-0,004	0,007	0,215	FALSE
-0,029	0,298	0,000	0,009	0,003	FALSE
0,054	0,288	0,002	0,008	0,079	FALSE
0,063	0,289	0,001	0,006	0,056	FALSE
-0,013	0,293	0,001	0,010	0,019	FALSE
-0,029	0,299	0,000	0,010	0,005	FALSE
0,008	0,308	0,001	0,010	0,041	FALSE
-0,025	0,287	0,000	0,010	0,008	FALSE
0,033	0,291	0,000	0,007	0,023	FALSE
-0,070	0,290	-0,001	0,013	0,034	FALSE
-0,003	0,290	-0,001	0,010	0,032	FALSE
0,038	0,290	0,000	0,007	0,011	FALSE

-0,032	0,292	0,000	0,009	0,008	FALSE
-0,036	0,300	0,000	0,010	0,016	FALSE
-0,026	0,288	0,000	0,009	0,002	FALSE
0,009	0,291	0,001	0,012	0,032	FALSE
0,093	0,294	0,002	0,011	0,076	FALSE
-0,054	0,294	0,000	0,009	0,014	FALSE
-0,021	0,278	0,000	0,011	0,010	FALSE
-0,073	0,287	-0,001	0,009	0,039	FALSE
-0,077	0,279	-0,001	0,009	0,050	FALSE
-0,029	0,290	0,000	0,009	0,005	FALSE
-0,041	0,294	-0,002	0,011	0,061	FALSE
0,067	0,289	0,004	0,012	0,122	FALSE
-0,025	0,298	0,000	0,009	0,011	FALSE
-0,068	0,289	-0,001	0,006	0,045	FALSE
0,040	0,294	0,002	0,009	0,082	FALSE
0,051	0,293	0,002	0,007	0,091	FALSE
-0,112	0,294	-0,002	0,006	0,124	FALSE
-0,138	0,281	-0,003	0,006	0,165	FALSE
-0,184	0,279	-0,004	0,006	0,277	FALSE
0,090	0,296	0,002	0,007	0,131	FALSE
-0,122	0,283	-0,005	0,012	0,147	FALSE
-0,141	0,280	-0,005	0,012	0,169	FALSE
-0,126	0,289	-0,004	0,010	0,173	FALSE
-0,056	0,273	-0,002	0,008	0,073	FALSE
-0,013	0,287	0,000	0,012	0,012	FALSE
-0,012	0,284	-0,001	0,008	0,027	FALSE
-0,016	0,286	0,000	0,008	0,006	FALSE
0,010	0,289	0,001	0,008	0,049	FALSE
-0,005	0,288	0,000	0,008	0,022	FALSE
0,026	0,306	0,001	0,008	0,059	FALSE
0,081	0,297	0,003	0,007	0,174	FALSE
0,055	0,296	0,002	0,011	0,077	FALSE
0,045	0,296	0,001	0,007	0,059	FALSE
0,147	0,296	0,005	0,012	0,186	FALSE
0,133	0,281	0,002	0,006	0,120	FALSE
0,140	0,292	0,002	0,007	0,139	FALSE
0,035	0,297	0,001	0,007	0,048	FALSE
0,054	0,270	0,001	0,008	0,039	FALSE
-0,059	0,275	-0,001	0,008	0,037	FALSE
0,101	0,280	0,003	0,012	0,083	FALSE
0,043	0,289	0,002	0,009	0,087	FALSE
0,021	0,302	0,000	0,013	0,007	FALSE
0,047	0,294	0,001	0,013	0,038	FALSE
0,040	0,296	0,001	0,007	0,030	FALSE
-0,083	0,293	-0,004	0,013	0,123	FALSE
-0,021	0,280	0,000	0,012	0,014	FALSE
0,089	0,280	0,002	0,006	0,116	FALSE
0,180	0,285	0,006	0,011	0,258	FALSE
0,126	0,295	0,002	0,009	0,093	FALSE
0,069	0,295	0,004	0,009	0,170	FALSE
0,150	0,276	0,006	0,011	0,204	FALSE
0,158	0,288	0,003	0,007	0,186	FALSE
-0,020	0,290	0,001	0,012	0,023	FALSE

-0,043	0,291	-0,002	0,010	0,083	FALSE
-0,127	0,281	-0,004	0,013	0,117	FALSE
-0,003	0,275	0,001	0,013	0,032	FALSE
-0,028	0,282	-0,002	0,008	0,081	FALSE
-0,058	0,292	-0,001	0,007	0,074	FALSE
-0,018	0,281	0,001	0,011	0,041	FALSE
-0,027	0,288	0,000	0,008	0,018	FALSE
0,032	0,285	0,002	0,011	0,069	FALSE
0,000	0,288	-0,001	0,007	0,065	FALSE
0,070	0,292	0,003	0,012	0,090	FALSE
-0,124	0,292	-0,006	0,013	0,192	FALSE
-0,002	0,302	0,000	0,012	0,008	FALSE
0,079	0,296	0,002	0,007	0,129	FALSE
-0,025	0,299	-0,002	0,011	0,051	FALSE
0,000	0,294	0,000	0,012	0,005	FALSE
-0,009	0,296	0,001	0,013	0,030	FALSE
0,069	0,287	0,002	0,009	0,061	FALSE
-0,009	0,297	-0,002	0,013	0,053	FALSE
-0,151	0,279	-0,005	0,011	0,188	FALSE
-0,005	0,280	-0,002	0,011	0,070	FALSE
0,100	0,305	0,002	0,007	0,139	FALSE
-0,114	0,287	-0,002	0,007	0,099	FALSE
-0,028	0,289	-0,001	0,010	0,034	FALSE
0,003	0,283	0,002	0,013	0,055	FALSE
-0,159	0,287	-0,004	0,006	0,284	FALSE
-0,128	0,274	-0,003	0,012	0,106	FALSE
0,150	0,297	0,005	0,010	0,195	FALSE
-0,036	0,302	-0,002	0,011	0,075	FALSE
-0,040	0,291	-0,001	0,006	0,029	FALSE
-0,027	0,295	-0,001	0,008	0,029	FALSE
0,131	0,285	0,005	0,010	0,188	FALSE
0,035	0,285	0,000	0,011	0,015	FALSE
0,102	0,291	0,002	0,009	0,098	FALSE
0,051	0,299	0,002	0,006	0,113	FALSE
-0,009	0,287	0,000	0,009	0,011	FALSE
-0,062	0,302	-0,001	0,013	0,040	FALSE
0,030	0,293	0,000	0,008	0,010	FALSE
-0,055	0,309	-0,003	0,012	0,094	FALSE
-0,002	0,289	0,002	0,011	0,050	FALSE
-0,044	0,285	-0,002	0,010	0,069	FALSE
0,088	0,295	0,001	0,008	0,061	FALSE
-0,113	0,285	-0,002	0,007	0,106	FALSE
0,180	0,265	0,008	0,012	0,305	FALSE
0,172	0,278	0,007	0,012	0,244	FALSE
-0,094	0,299	-0,005	0,013	0,162	FALSE
0,098	0,283	0,005	0,008	0,280	FALSE
0,089	0,294	0,000	0,009	0,013	FALSE
-0,137	0,275	-0,005	0,011	0,188	FALSE
-0,062	0,299	-0,003	0,012	0,106	FALSE
0,108	0,313	0,002	0,009	0,096	FALSE
0,089	0,297	0,003	0,012	0,105	FALSE
-0,064	0,278	-0,004	0,013	0,133	FALSE
-0,093	0,290	-0,004	0,008	0,170	FALSE

0,048	0,290	0,000	0,009	0,004	FALSE
0,083	0,285	0,002	0,010	0,061	FALSE
-0,128	0,296	-0,004	0,010	0,153	FALSE
0,153	0,296	0,003	0,007	0,199	FALSE
0,076	0,310	0,001	0,007	0,064	FALSE
0,171	0,297	0,004	0,007	0,217	FALSE
0,096	0,292	0,002	0,009	0,073	FALSE
0,135	0,304	0,003	0,007	0,168	FALSE
-0,120	0,274	-0,004	0,013	0,138	FALSE
-0,002	0,283	-0,001	0,012	0,032	FALSE
0,018	0,279	0,002	0,010	0,069	FALSE
-0,013	0,280	0,001	0,011	0,030	FALSE
0,002	0,296	0,000	0,011	0,009	FALSE
-0,002	0,276	-0,002	0,007	0,090	FALSE
0,005	0,296	0,000	0,013	0,009	FALSE
-0,021	0,285	-0,002	0,012	0,045	FALSE
-0,047	0,282	-0,002	0,008	0,099	FALSE
0,054	0,284	0,003	0,012	0,097	FALSE
-0,124	0,286	-0,004	0,013	0,139	FALSE
0,005	0,306	0,000	0,012	0,012	FALSE
-0,093	0,291	-0,003	0,010	0,108	FALSE
0,066	0,293	0,002	0,008	0,104	FALSE
0,039	0,284	0,001	0,008	0,072	FALSE
-0,123	0,311	-0,003	0,009	0,138	FALSE
0,024	0,282	0,002	0,012	0,065	FALSE
0,015	0,290	0,001	0,012	0,030	FALSE
0,129	0,282	0,006	0,010	0,271	FALSE
-0,073	0,280	-0,003	0,010	0,127	FALSE
-0,099	0,301	-0,004	0,011	0,140	FALSE
-0,064	0,285	-0,001	0,008	0,064	FALSE
0,165	0,280	0,005	0,012	0,148	FALSE
0,143	0,288	0,006	0,013	0,212	FALSE
-0,006	0,284	-0,001	0,010	0,042	FALSE
0,106	0,285	0,002	0,011	0,055	FALSE
0,034	0,307	0,001	0,007	0,035	FALSE
-0,068	0,293	-0,001	0,011	0,048	FALSE
-0,022	0,288	-0,002	0,008	0,075	FALSE
0,020	0,295	-0,001	0,007	0,041	FALSE
0,026	0,283	0,002	0,012	0,061	FALSE
-0,104	0,297	-0,002	0,008	0,110	FALSE
-0,043	0,286	-0,001	0,008	0,038	FALSE
-0,040	0,292	-0,002	0,013	0,067	FALSE
0,006	0,295	0,000	0,013	0,003	FALSE
0,086	0,292	0,002	0,008	0,101	FALSE
-0,081	0,292	-0,004	0,011	0,126	FALSE
-0,060	0,299	-0,001	0,007	0,060	FALSE
-0,041	0,283	-0,001	0,009	0,054	FALSE
-0,054	0,285	-0,003	0,011	0,104	FALSE
-0,008	0,288	0,000	0,013	0,008	FALSE
-0,137	0,280	-0,004	0,009	0,172	FALSE
-0,155	0,281	-0,003	0,008	0,170	FALSE
-0,019	0,283	-0,001	0,008	0,036	FALSE
-0,109	0,295	-0,002	0,007	0,104	FALSE

0,025	0,285	0,002	0,011	0,071	FALSE
-0,030	0,281	0,000	0,007	0,002	FALSE
-0,106	0,286	-0,001	0,007	0,070	FALSE
0,107	0,298	0,005	0,013	0,146	FALSE
-0,064	0,291	-0,002	0,006	0,099	FALSE
-0,052	0,297	-0,002	0,012	0,068	FALSE
0,187	0,295	0,010	0,013	0,346	FALSE
0,003	0,284	0,001	0,006	0,038	FALSE
-0,032	0,289	-0,002	0,009	0,073	FALSE
0,006	0,274	0,002	0,008	0,128	FALSE
-0,022	0,280	0,001	0,007	0,075	FALSE
-0,011	0,285	-0,002	0,009	0,083	FALSE
0,151	0,278	0,004	0,007	0,255	FALSE
-0,027	0,285	-0,002	0,008	0,115	FALSE
-0,007	0,283	0,000	0,006	0,026	FALSE
-0,002	0,289	0,000	0,007	0,024	FALSE
0,009	0,286	-0,001	0,007	0,031	FALSE
0,038	0,295	0,001	0,007	0,025	FALSE
0,131	0,290	0,003	0,006	0,179	FALSE
0,094	0,290	0,004	0,011	0,163	FALSE
0,027	0,287	0,001	0,009	0,062	FALSE
0,012	0,289	-0,001	0,013	0,022	FALSE
0,028	0,300	0,001	0,013	0,041	FALSE
-0,072	0,285	-0,003	0,012	0,094	FALSE
0,006	0,289	0,002	0,012	0,059	FALSE
0,104	0,293	0,004	0,009	0,164	FALSE
0,077	0,296	0,003	0,011	0,115	FALSE
-0,031	0,303	-0,001	0,010	0,039	FALSE
0,064	0,292	0,002	0,011	0,081	FALSE
-0,081	0,289	-0,001	0,007	0,062	FALSE
-0,009	0,288	0,001	0,009	0,036	FALSE
0,074	0,277	0,004	0,012	0,126	FALSE
-0,069	0,289	-0,005	0,013	0,146	FALSE
-0,002	0,286	-0,003	0,013	0,075	FALSE
0,058	0,300	0,000	0,007	0,016	FALSE
0,118	0,292	0,007	0,013	0,221	FALSE
0,014	0,301	0,000	0,007	0,015	FALSE
-0,037	0,276	-0,003	0,009	0,143	FALSE
-0,174	0,280	-0,004	0,007	0,210	FALSE
-0,086	0,290	-0,002	0,007	0,129	FALSE
0,099	0,302	0,002	0,009	0,113	FALSE
0,118	0,290	0,004	0,009	0,163	FALSE
-0,011	0,285	0,001	0,007	0,030	FALSE
0,147	0,294	0,004	0,010	0,191	FALSE
-0,100	0,298	-0,004	0,010	0,153	FALSE
-0,073	0,304	-0,003	0,010	0,103	FALSE
0,073	0,292	0,003	0,008	0,131	FALSE
-0,081	0,284	-0,003	0,010	0,105	FALSE
0,224	0,268	0,010	0,010	0,500	FALSE
0,067	0,293	0,001	0,009	0,057	FALSE
-0,086	0,283	-0,006	0,012	0,192	FALSE
0,042	0,298	0,001	0,009	0,036	FALSE
-0,022	0,295	0,000	0,008	0,019	FALSE

0,007	0,280	0,001	0,007	0,040	FALSE
0,014	0,291	0,001	0,007	0,040	FALSE
-0,119	0,293	-0,004	0,011	0,121	FALSE
-0,142	0,294	-0,003	0,007	0,218	FALSE
0,076	0,293	0,002	0,012	0,059	FALSE
-0,081	0,284	-0,002	0,009	0,094	FALSE
0,175	0,282	0,003	0,008	0,147	FALSE
-0,109	0,287	-0,004	0,012	0,149	FALSE
-0,083	0,293	-0,002	0,007	0,096	FALSE
-0,026	0,285	0,000	0,008	0,011	FALSE
-0,114	0,286	-0,003	0,012	0,110	FALSE
0,089	0,289	0,005	0,009	0,234	FALSE
-0,023	0,290	-0,001	0,008	0,059	FALSE
-0,006	0,289	0,001	0,006	0,048	FALSE
0,007	0,297	0,000	0,008	0,014	FALSE
0,022	0,288	0,000	0,008	0,004	FALSE
0,026	0,304	0,000	0,008	0,021	FALSE
-0,011	0,275	0,000	0,007	0,023	FALSE
0,069	0,293	0,002	0,006	0,138	FALSE
-0,061	0,287	-0,004	0,012	0,127	FALSE
0,022	0,286	-0,001	0,007	0,032	FALSE
0,134	0,285	0,003	0,012	0,081	FALSE
0,071	0,287	0,003	0,007	0,202	FALSE
-0,058	0,292	0,000	0,013	0,002	FALSE
0,069	0,293	0,002	0,009	0,082	FALSE
0,031	0,280	0,002	0,008	0,078	FALSE
-0,176	0,279	-0,005	0,013	0,166	FALSE
0,039	0,295	0,000	0,007	0,007	FALSE
-0,002	0,296	0,000	0,012	0,004	FALSE
-0,046	0,288	-0,002	0,007	0,104	FALSE
0,035	0,282	0,002	0,008	0,087	FALSE
-0,126	0,292	-0,004	0,007	0,216	FALSE
-0,118	0,288	-0,005	0,011	0,179	FALSE
-0,027	0,288	0,000	0,013	0,010	FALSE
0,093	0,295	0,004	0,012	0,123	FALSE
-0,093	0,284	-0,004	0,011	0,155	FALSE
0,029	0,311	0,001	0,013	0,029	FALSE
-0,016	0,295	-0,001	0,013	0,023	FALSE
0,107	0,283	0,004	0,012	0,140	FALSE
0,112	0,296	0,005	0,013	0,145	FALSE
0,010	0,314	0,001	0,013	0,018	FALSE
0,021	0,298	0,001	0,013	0,034	FALSE
-0,004	0,296	0,000	0,013	0,001	FALSE
0,021	0,305	0,001	0,013	0,020	FALSE
0,017	0,301	0,001	0,013	0,031	FALSE
-0,134	0,300	-0,006	0,013	0,178	FALSE
0,000	0,292	0,000	0,013	0,011	FALSE
-0,060	0,297	-0,004	0,013	0,115	FALSE
0,059	0,288	0,001	0,009	0,028	FALSE
-0,002	0,294	-0,001	0,009	0,024	FALSE
0,050	0,293	0,001	0,006	0,065	FALSE
0,079	0,288	0,001	0,010	0,018	FALSE
-0,070	0,303	-0,002	0,009	0,082	FALSE

-0,066	0,305	-0,001	0,008	0,041	FALSE
0,097	0,290	0,004	0,012	0,117	FALSE
0,020	0,304	0,001	0,013	0,024	FALSE
0,048	0,286	0,002	0,006	0,091	FALSE
0,050	0,289	0,004	0,011	0,164	FALSE
0,002	0,292	0,000	0,010	0,012	FALSE
0,140	0,286	0,004	0,008	0,245	FALSE
-0,067	0,281	-0,001	0,006	0,058	FALSE
-0,073	0,292	-0,003	0,013	0,089	FALSE
0,027	0,290	0,001	0,013	0,017	FALSE
-0,125	0,290	-0,002	0,007	0,106	FALSE
0,086	0,280	0,003	0,010	0,129	FALSE
0,042	0,284	0,004	0,011	0,125	FALSE
-0,056	0,277	0,000	0,012	0,013	FALSE
0,045	0,286	0,003	0,012	0,095	FALSE
-0,009	0,289	-0,001	0,009	0,023	FALSE
0,050	0,304	0,001	0,010	0,052	FALSE
-0,109	0,300	-0,003	0,007	0,153	FALSE
0,045	0,290	0,002	0,012	0,074	FALSE
-0,058	0,281	-0,002	0,013	0,065	FALSE
0,002	0,292	0,001	0,010	0,031	FALSE
-0,113	0,300	-0,004	0,008	0,216	FALSE
0,017	0,300	0,001	0,012	0,016	FALSE
0,090	0,279	0,003	0,012	0,108	FALSE
0,055	0,289	0,001	0,012	0,044	FALSE
-0,017	0,278	0,000	0,007	0,013	FALSE
-0,009	0,295	-0,002	0,013	0,066	FALSE
-0,016	0,281	-0,002	0,009	0,080	FALSE
0,086	0,286	0,003	0,008	0,125	FALSE
-0,107	0,283	-0,005	0,011	0,196	FALSE
0,151	0,267	0,001	0,006	0,075	FALSE
0,118	0,290	0,003	0,010	0,110	FALSE
-0,001	0,276	0,001	0,007	0,032	FALSE
0,033	0,303	-0,001	0,013	0,020	FALSE
0,083	0,291	0,001	0,012	0,045	FALSE
0,031	0,294	0,000	0,013	0,012	FALSE
0,015	0,289	-0,001	0,012	0,033	FALSE
-0,015	0,287	0,000	0,010	0,011	FALSE
0,077	0,286	0,000	0,008	0,012	FALSE
0,003	0,294	0,001	0,011	0,018	FALSE
0,084	0,281	0,002	0,007	0,129	FALSE
-0,032	0,288	-0,001	0,013	0,039	FALSE
0,021	0,296	0,000	0,011	0,000	FALSE
0,139	0,291	0,006	0,011	0,254	FALSE
-0,004	0,287	-0,002	0,008	0,096	FALSE
0,039	0,282	0,000	0,010	0,016	FALSE
0,067	0,296	0,004	0,010	0,144	FALSE
0,052	0,287	0,002	0,006	0,106	FALSE
0,198	0,279	0,007	0,012	0,257	FALSE
0,157	0,293	0,007	0,012	0,224	FALSE
-0,158	0,280	-0,004	0,012	0,140	FALSE
-0,001	0,290	0,001	0,007	0,049	FALSE
-0,002	0,293	0,001	0,009	0,034	FALSE

-0,164	0,290	-0,006	0,010	0,267	FALSE
-0,145	0,279	-0,005	0,010	0,229	FALSE
-0,152	0,286	-0,006	0,010	0,236	FALSE
-0,063	0,278	-0,002	0,009	0,101	FALSE
-0,111	0,290	-0,002	0,011	0,068	FALSE
0,109	0,297	0,002	0,011	0,083	FALSE
0,102	0,296	0,002	0,007	0,121	FALSE
0,041	0,289	0,001	0,013	0,025	FALSE
0,005	0,269	0,001	0,006	0,034	FALSE
0,187	0,291	0,004	0,007	0,210	FALSE
0,077	0,282	0,002	0,007	0,094	FALSE
-0,008	0,286	0,000	0,008	0,023	FALSE
0,073	0,291	0,000	0,012	0,003	FALSE
0,122	0,298	0,003	0,010	0,135	FALSE
-0,030	0,302	-0,001	0,008	0,040	FALSE
0,039	0,297	0,001	0,012	0,026	FALSE
-0,039	0,295	0,000	0,012	0,013	FALSE
-0,070	0,284	-0,001	0,008	0,052	FALSE
0,069	0,290	0,002	0,009	0,079	FALSE
0,067	0,290	0,002	0,007	0,116	FALSE
-0,086	0,288	-0,002	0,010	0,081	FALSE
0,019	0,277	-0,002	0,010	0,058	FALSE
0,021	0,297	0,001	0,008	0,054	FALSE
-0,022	0,296	-0,002	0,013	0,062	FALSE
-0,014	0,292	-0,003	0,011	0,085	FALSE
-0,005	0,288	-0,002	0,011	0,077	FALSE
0,059	0,282	0,003	0,009	0,132	FALSE
0,016	0,299	0,001	0,008	0,028	FALSE
0,068	0,296	0,002	0,012	0,054	FALSE
-0,026	0,300	0,000	0,008	0,017	FALSE
-0,034	0,288	-0,001	0,007	0,083	FALSE
0,037	0,293	0,000	0,013	0,006	FALSE
0,132	0,284	0,004	0,013	0,127	FALSE
-0,160	0,270	-0,004	0,008	0,217	FALSE
0,047	0,313	0,001	0,007	0,070	FALSE
0,030	0,284	0,001	0,012	0,033	FALSE
-0,098	0,283	-0,002	0,012	0,075	FALSE
-0,029	0,297	-0,002	0,011	0,054	FALSE
-0,010	0,284	-0,002	0,011	0,076	FALSE
-0,009	0,293	-0,001	0,009	0,034	FALSE
0,021	0,303	0,001	0,006	0,042	FALSE
0,066	0,279	0,001	0,007	0,042	FALSE
0,034	0,283	0,002	0,011	0,063	FALSE
-0,028	0,277	0,001	0,012	0,025	FALSE
0,005	0,276	0,000	0,006	0,017	FALSE
0,068	0,282	0,003	0,011	0,084	FALSE
-0,025	0,295	-0,002	0,011	0,062	FALSE
0,022	0,300	0,001	0,010	0,026	FALSE
0,111	0,292	0,002	0,007	0,093	FALSE
-0,135	0,285	-0,008	0,012	0,278	FALSE
0,035	0,304	0,001	0,009	0,046	FALSE
-0,038	0,291	-0,003	0,011	0,127	FALSE
-0,132	0,275	-0,004	0,011	0,137	FALSE

-0,053	0,290	-0,002	0,011	0,054	FALSE
-0,041	0,296	-0,003	0,012	0,105	FALSE
-0,011	0,290	0,000	0,009	0,009	FALSE
-0,094	0,294	-0,004	0,013	0,104	FALSE
0,040	0,287	0,001	0,008	0,064	FALSE
-0,068	0,299	-0,002	0,014	0,068	FALSE
-0,077	0,300	-0,003	0,013	0,087	FALSE
0,034	0,289	0,001	0,009	0,057	FALSE
0,050	0,292	0,002	0,009	0,084	FALSE
0,023	0,290	0,001	0,007	0,072	FALSE
-0,068	0,286	-0,002	0,013	0,055	FALSE
0,037	0,282	0,002	0,011	0,052	FALSE
-0,007	0,287	0,000	0,009	0,006	FALSE
-0,126	0,284	-0,007	0,012	0,223	FALSE
-0,011	0,277	-0,001	0,010	0,029	FALSE
0,006	0,277	0,001	0,011	0,040	FALSE
-0,077	0,271	-0,002	0,009	0,099	FALSE
0,055	0,293	0,002	0,007	0,129	FALSE
0,001	0,294	-0,001	0,011	0,019	FALSE
0,010	0,295	0,000	0,008	0,006	FALSE
-0,107	0,285	-0,004	0,009	0,161	FALSE
0,016	0,285	-0,001	0,008	0,029	FALSE
0,000	0,293	-0,001	0,011	0,030	FALSE
-0,062	0,307	-0,001	0,009	0,059	FALSE
0,009	0,300	0,001	0,010	0,020	FALSE
-0,007	0,288	0,002	0,011	0,076	FALSE
0,080	0,283	0,001	0,007	0,065	FALSE
0,151	0,286	0,005	0,011	0,182	FALSE
-0,065	0,280	-0,002	0,009	0,073	FALSE
0,005	0,289	0,001	0,008	0,034	FALSE
-0,054	0,282	-0,002	0,008	0,085	FALSE
-0,030	0,277	0,000	0,009	0,008	FALSE
0,016	0,297	0,000	0,007	0,021	FALSE
0,040	0,278	0,000	0,007	0,012	FALSE
0,002	0,293	0,000	0,012	0,002	FALSE
0,047	0,269	0,002	0,010	0,091	FALSE
-0,159	0,279	-0,003	0,006	0,207	FALSE
-0,180	0,279	-0,004	0,007	0,240	FALSE
-0,025	0,294	-0,001	0,011	0,030	FALSE
0,092	0,291	0,004	0,012	0,133	FALSE
0,059	0,284	0,002	0,012	0,050	FALSE
-0,034	0,275	-0,001	0,009	0,031	FALSE
0,021	0,295	-0,002	0,013	0,056	FALSE
-0,051	0,285	-0,001	0,007	0,062	FALSE
-0,028	0,294	0,000	0,007	0,010	FALSE
-0,056	0,288	-0,001	0,007	0,052	FALSE
-0,055	0,306	-0,001	0,008	0,057	FALSE
-0,020	0,294	-0,001	0,007	0,030	FALSE
0,024	0,281	0,000	0,006	0,022	FALSE
0,040	0,298	0,001	0,008	0,045	FALSE
-0,052	0,286	-0,002	0,007	0,099	FALSE
0,041	0,273	0,000	0,010	0,014	FALSE
0,012	0,288	0,000	0,009	0,016	FALSE

-0,019	0,305	-0,001	0,012	0,037	FALSE
0,056	0,284	0,002	0,006	0,125	FALSE
-0,096	0,286	-0,002	0,006	0,148	FALSE
-0,066	0,275	-0,003	0,012	0,102	FALSE
0,086	0,286	0,004	0,009	0,200	FALSE
0,013	0,286	0,000	0,010	0,013	FALSE
-0,092	0,285	-0,002	0,009	0,104	FALSE
0,135	0,291	0,002	0,006	0,094	FALSE
0,019	0,289	0,001	0,006	0,058	FALSE
0,023	0,293	0,001	0,007	0,049	FALSE
0,015	0,277	0,000	0,009	0,010	FALSE
0,090	0,287	0,004	0,011	0,133	FALSE
-0,127	0,299	-0,002	0,007	0,100	FALSE
0,089	0,281	0,004	0,013	0,111	FALSE
0,099	0,282	0,004	0,013	0,129	FALSE
0,062	0,292	0,004	0,013	0,111	FALSE
0,067	0,278	0,001	0,010	0,029	FALSE
0,018	0,293	0,001	0,011	0,046	FALSE
-0,002	0,302	0,000	0,008	0,004	FALSE
-0,165	0,289	-0,003	0,007	0,195	FALSE
-0,057	0,286	-0,002	0,012	0,050	FALSE
-0,013	0,295	-0,001	0,012	0,045	FALSE
-0,004	0,298	-0,001	0,009	0,055	FALSE
-0,020	0,285	-0,002	0,009	0,081	FALSE
-0,115	0,285	-0,004	0,011	0,157	FALSE
-0,043	0,293	-0,003	0,012	0,083	FALSE
-0,005	0,293	-0,001	0,012	0,040	FALSE
0,052	0,281	0,000	0,012	0,011	FALSE
0,022	0,313	0,001	0,007	0,036	FALSE
-0,100	0,288	-0,003	0,007	0,157	FALSE
-0,003	0,289	0,001	0,010	0,053	FALSE
-0,109	0,283	-0,004	0,011	0,146	FALSE
0,027	0,294	0,001	0,012	0,025	FALSE
0,092	0,284	0,003	0,011	0,104	FALSE
0,031	0,297	0,001	0,010	0,022	FALSE
0,055	0,292	0,002	0,013	0,062	FALSE
-0,120	0,289	-0,003	0,008	0,151	FALSE
-0,036	0,293	-0,001	0,008	0,069	FALSE
0,070	0,292	0,003	0,008	0,141	FALSE
-0,112	0,295	-0,002	0,007	0,107	FALSE
0,022	0,299	0,000	0,008	0,006	FALSE
0,044	0,286	0,000	0,011	0,013	FALSE
0,052	0,296	0,000	0,010	0,017	FALSE
-0,116	0,292	-0,004	0,007	0,231	FALSE
0,080	0,272	0,000	0,008	0,008	FALSE
-0,025	0,288	-0,004	0,012	0,119	FALSE
0,074	0,289	0,001	0,013	0,033	FALSE
0,091	0,295	0,002	0,013	0,068	FALSE
-0,087	0,284	-0,004	0,010	0,167	FALSE
-0,001	0,293	0,000	0,011	0,002	FALSE
-0,060	0,309	-0,003	0,013	0,082	FALSE
0,013	0,288	-0,001	0,011	0,041	FALSE
0,050	0,290	0,000	0,010	0,016	FALSE

-0,039	0,290	0,000	0,010	0,012	FALSE
0,073	0,292	0,002	0,011	0,059	FALSE
0,087	0,286	0,002	0,011	0,052	FALSE
-0,092	0,293	-0,003	0,007	0,175	FALSE
0,050	0,294	0,002	0,012	0,056	FALSE
0,083	0,299	0,002	0,010	0,081	FALSE
-0,028	0,297	0,000	0,006	0,025	FALSE
-0,012	0,281	-0,002	0,012	0,073	FALSE
0,119	0,297	0,006	0,011	0,221	FALSE
0,112	0,293	0,002	0,009	0,079	FALSE
-0,014	0,302	0,000	0,009	0,018	FALSE
-0,066	0,296	-0,002	0,013	0,066	FALSE
-0,059	0,295	-0,002	0,012	0,052	FALSE
0,065	0,288	0,001	0,007	0,058	FALSE
-0,143	0,295	-0,002	0,007	0,133	FALSE
-0,047	0,291	-0,002	0,008	0,099	FALSE
-0,092	0,292	-0,006	0,012	0,223	FALSE
0,128	0,282	0,006	0,011	0,259	FALSE
0,058	0,299	0,004	0,011	0,131	FALSE
-0,130	0,294	-0,006	0,012	0,220	FALSE
0,082	0,284	0,002	0,011	0,077	FALSE
-0,117	0,286	-0,007	0,012	0,228	FALSE
0,175	0,282	0,007	0,011	0,288	FALSE
0,164	0,293	0,007	0,011	0,267	FALSE
0,143	0,286	0,006	0,011	0,244	FALSE
-0,129	0,274	-0,004	0,009	0,171	FALSE
0,016	0,284	-0,001	0,011	0,024	FALSE
-0,054	0,288	-0,003	0,012	0,092	FALSE
-0,077	0,300	-0,004	0,012	0,144	FALSE
-0,054	0,289	0,000	0,013	0,002	FALSE
0,178	0,284	0,007	0,011	0,278	FALSE
-0,136	0,297	-0,004	0,009	0,168	FALSE
-0,122	0,290	-0,006	0,012	0,200	FALSE
-0,044	0,300	-0,002	0,010	0,091	FALSE
-0,070	0,293	-0,004	0,009	0,167	FALSE
0,067	0,303	0,003	0,013	0,089	FALSE
-0,096	0,300	-0,003	0,007	0,178	FALSE
-0,062	0,292	-0,002	0,011	0,081	FALSE
-0,035	0,289	-0,001	0,007	0,066	FALSE
0,062	0,283	0,002	0,008	0,086	FALSE
-0,103	0,298	-0,002	0,007	0,096	FALSE
0,004	0,292	0,000	0,010	0,008	FALSE
-0,096	0,281	-0,002	0,006	0,162	FALSE
0,146	0,291	0,004	0,009	0,195	FALSE
-0,026	0,288	-0,002	0,010	0,073	FALSE
0,077	0,296	0,001	0,007	0,065	FALSE
-0,049	0,297	-0,003	0,011	0,094	FALSE
0,098	0,283	0,004	0,013	0,138	FALSE
0,014	0,283	0,003	0,012	0,083	FALSE
-0,052	0,283	-0,001	0,011	0,019	FALSE
-0,046	0,281	0,000	0,011	0,013	FALSE
-0,029	0,282	0,000	0,011	0,015	FALSE
0,008	0,279	0,001	0,008	0,044	FALSE

0,149	0,274	0,006	0,009	0,301	FALSE
-0,090	0,290	-0,005	0,013	0,137	FALSE
0,069	0,275	0,003	0,012	0,098	FALSE
-0,038	0,291	-0,002	0,009	0,063	FALSE
0,009	0,283	-0,001	0,008	0,043	FALSE
0,046	0,288	0,002	0,008	0,086	FALSE
-0,033	0,287	-0,001	0,009	0,051	FALSE
0,131	0,289	0,005	0,010	0,207	FALSE
-0,004	0,280	-0,001	0,008	0,060	FALSE
0,129	0,289	0,003	0,007	0,173	FALSE
0,040	0,289	0,000	0,013	0,012	FALSE
0,033	0,295	0,002	0,013	0,063	FALSE
0,030	0,297	0,002	0,013	0,070	FALSE
-0,144	0,286	-0,002	0,008	0,096	FALSE
-0,211	0,270	-0,007	0,011	0,285	FALSE
0,062	0,280	0,006	0,012	0,187	FALSE
0,073	0,276	0,005	0,012	0,190	FALSE
-0,044	0,273	-0,001	0,009	0,059	FALSE
-0,052	0,278	-0,001	0,010	0,054	FALSE
-0,118	0,283	-0,003	0,007	0,178	FALSE
0,033	0,284	0,000	0,007	0,014	FALSE
-0,008	0,274	0,000	0,006	0,030	FALSE
-0,040	0,307	-0,001	0,014	0,029	FALSE
-0,084	0,301	-0,002	0,011	0,052	FALSE
-0,092	0,284	-0,002	0,007	0,096	FALSE
0,099	0,290	0,001	0,008	0,048	FALSE
-0,027	0,293	-0,001	0,010	0,028	FALSE
0,006	0,290	-0,001	0,007	0,054	FALSE
0,085	0,290	0,000	0,007	0,017	FALSE
-0,057	0,295	-0,002	0,007	0,080	FALSE
-0,111	0,277	-0,002	0,008	0,116	FALSE
-0,049	0,278	-0,001	0,007	0,065	FALSE
-0,107	0,293	-0,004	0,012	0,115	FALSE
-0,096	0,300	-0,002	0,008	0,118	FALSE
-0,151	0,275	-0,005	0,010	0,195	FALSE
-0,086	0,294	-0,003	0,010	0,114	FALSE
0,115	0,280	0,006	0,013	0,181	FALSE
0,028	0,290	0,000	0,009	0,020	FALSE
-0,031	0,287	0,000	0,009	0,007	FALSE
-0,057	0,288	-0,002	0,010	0,065	FALSE
0,011	0,293	0,000	0,008	0,019	FALSE
-0,118	0,280	-0,004	0,008	0,178	FALSE
0,056	0,292	0,001	0,009	0,038	FALSE
-0,100	0,287	-0,001	0,007	0,086	FALSE
-0,089	0,283	-0,003	0,010	0,126	FALSE
0,069	0,287	0,002	0,008	0,121	FALSE
-0,017	0,283	0,000	0,007	0,003	FALSE
0,027	0,283	0,001	0,012	0,032	FALSE
0,092	0,304	0,001	0,010	0,055	FALSE
-0,120	0,291	-0,004	0,013	0,137	FALSE
-0,052	0,303	-0,001	0,010	0,039	FALSE
-0,094	0,293	-0,003	0,013	0,094	FALSE
0,022	0,299	0,001	0,012	0,037	FALSE

-0,023	0,286	-0,001	0,006	0,057	FALSE
0,048	0,283	-0,001	0,011	0,051	FALSE
0,025	0,285	0,001	0,007	0,070	FALSE
0,083	0,286	0,001	0,008	0,061	FALSE
-0,066	0,285	-0,001	0,007	0,071	FALSE
-0,149	0,285	-0,004	0,010	0,156	FALSE
-0,038	0,301	-0,003	0,013	0,092	FALSE
-0,045	0,290	-0,001	0,009	0,037	FALSE
-0,021	0,297	0,000	0,009	0,013	FALSE
0,080	0,283	0,002	0,006	0,116	FALSE
-0,050	0,283	-0,002	0,013	0,060	FALSE
0,014	0,280	0,000	0,006	0,010	FALSE
0,072	0,281	0,003	0,008	0,160	FALSE
-0,063	0,282	-0,001	0,007	0,072	FALSE
0,052	0,280	0,003	0,012	0,100	FALSE
-0,042	0,298	-0,002	0,010	0,068	FALSE
0,106	0,297	0,002	0,007	0,081	FALSE
0,104	0,293	0,001	0,007	0,053	FALSE
-0,002	0,287	0,000	0,009	0,012	FALSE
0,013	0,285	0,000	0,008	0,009	FALSE
0,160	0,276	0,003	0,009	0,127	FALSE
0,069	0,272	0,005	0,012	0,159	FALSE
0,125	0,291	0,004	0,011	0,139	FALSE
0,006	0,288	0,000	0,008	0,007	FALSE
0,037	0,291	0,004	0,011	0,137	FALSE
0,051	0,290	0,000	0,010	0,011	FALSE
0,076	0,297	0,001	0,013	0,043	FALSE
-0,140	0,292	-0,003	0,007	0,201	FALSE
0,019	0,296	-0,001	0,012	0,015	FALSE
-0,032	0,289	0,000	0,007	0,005	FALSE
0,097	0,281	0,003	0,011	0,107	FALSE
0,024	0,286	0,000	0,011	0,005	FALSE
-0,042	0,284	0,000	0,009	0,011	FALSE
-0,001	0,285	0,000	0,013	0,003	FALSE
-0,064	0,291	-0,001	0,009	0,047	FALSE
0,006	0,303	0,002	0,011	0,049	FALSE
-0,208	0,282	-0,006	0,009	0,321	FALSE
0,009	0,296	0,001	0,010	0,046	FALSE
0,048	0,283	0,003	0,008	0,147	FALSE
0,002	0,294	0,001	0,008	0,065	FALSE
0,107	0,288	0,005	0,008	0,239	FALSE
0,018	0,291	0,001	0,009	0,032	FALSE
0,041	0,290	0,002	0,008	0,070	FALSE
-0,075	0,285	0,000	0,007	0,025	FALSE
0,021	0,282	-0,001	0,011	0,020	FALSE
0,100	0,287	0,003	0,013	0,078	FALSE
-0,089	0,282	-0,003	0,012	0,105	FALSE
-0,058	0,307	-0,002	0,013	0,058	FALSE
0,087	0,292	0,004	0,012	0,121	FALSE
-0,073	0,286	-0,002	0,009	0,078	FALSE
0,134	0,283	0,002	0,010	0,082	FALSE
0,063	0,294	0,003	0,013	0,073	FALSE
0,120	0,291	0,002	0,009	0,084	FALSE

-0,065	0,285	-0,001	0,010	0,054	FALSE
0,020	0,283	0,000	0,008	0,016	FALSE
0,024	0,281	0,001	0,008	0,051	FALSE
0,101	0,294	0,002	0,013	0,052	FALSE
-0,115	0,278	-0,003	0,006	0,172	FALSE
-0,057	0,302	-0,001	0,009	0,055	FALSE
-0,029	0,287	-0,001	0,006	0,036	FALSE
0,121	0,274	0,002	0,012	0,072	FALSE
-0,167	0,287	-0,003	0,006	0,188	FALSE
0,007	0,301	-0,001	0,012	0,018	FALSE
0,158	0,280	0,005	0,008	0,289	FALSE
0,143	0,281	0,005	0,008	0,271	FALSE
0,153	0,281	0,005	0,008	0,269	FALSE
-0,101	0,288	-0,003	0,007	0,185	FALSE
-0,072	0,286	-0,003	0,009	0,137	FALSE
0,013	0,290	0,000	0,010	0,002	FALSE
0,019	0,264	-0,002	0,011	0,053	FALSE
-0,089	0,298	-0,003	0,008	0,166	FALSE
0,120	0,275	0,002	0,009	0,101	FALSE
0,144	0,299	0,003	0,010	0,114	FALSE
-0,008	0,301	0,000	0,013	0,009	FALSE
-0,052	0,307	-0,002	0,009	0,066	FALSE
-0,081	0,297	-0,002	0,010	0,077	FALSE
-0,075	0,296	-0,002	0,009	0,093	FALSE
0,100	0,302	0,002	0,007	0,109	FALSE
0,092	0,277	0,002	0,010	0,062	FALSE
-0,102	0,285	-0,002	0,008	0,109	FALSE
0,049	0,285	0,002	0,008	0,074	FALSE
0,080	0,277	0,004	0,008	0,196	FALSE
-0,027	0,284	0,000	0,007	0,026	FALSE
-0,021	0,279	0,000	0,009	0,009	FALSE
-0,032	0,285	-0,001	0,007	0,052	FALSE
-0,052	0,289	-0,003	0,013	0,098	FALSE
-0,031	0,298	0,000	0,007	0,005	FALSE
0,114	0,288	0,001	0,008	0,069	FALSE
0,139	0,283	0,002	0,008	0,119	FALSE
0,061	0,303	0,000	0,008	0,017	FALSE
0,020	0,288	0,001	0,007	0,058	FALSE
0,139	0,284	0,003	0,012	0,095	FALSE
0,045	0,299	0,002	0,009	0,066	FALSE
0,069	0,290	0,003	0,007	0,133	FALSE
0,026	0,302	0,000	0,009	0,014	FALSE
0,015	0,296	0,000	0,010	0,005	FALSE
0,096	0,288	0,005	0,010	0,195	FALSE
0,057	0,286	0,004	0,013	0,123	FALSE
0,024	0,290	0,000	0,006	0,005	FALSE
-0,055	0,290	-0,003	0,013	0,080	FALSE
-0,077	0,283	-0,002	0,008	0,090	FALSE
-0,033	0,299	-0,001	0,007	0,034	FALSE
-0,042	0,292	-0,001	0,007	0,031	FALSE
-0,038	0,282	-0,001	0,008	0,025	FALSE
0,093	0,289	0,003	0,008	0,141	FALSE
0,030	0,282	-0,001	0,007	0,036	FALSE

-0,095	0,286	-0,003	0,009	0,110	FALSE
-0,053	0,282	-0,002	0,009	0,085	FALSE
-0,016	0,292	0,000	0,007	0,007	FALSE
0,088	0,266	0,006	0,011	0,250	FALSE
0,018	0,278	0,003	0,009	0,113	FALSE
0,051	0,280	0,003	0,010	0,138	FALSE
0,175	0,302	0,004	0,008	0,224	FALSE
0,090	0,285	0,001	0,010	0,028	FALSE
-0,015	0,309	0,000	0,012	0,014	FALSE
-0,065	0,286	-0,002	0,012	0,064	FALSE
0,195	0,280	0,008	0,012	0,308	FALSE
-0,020	0,288	-0,002	0,008	0,071	FALSE
0,153	0,273	0,004	0,008	0,203	FALSE
-0,082	0,298	-0,004	0,013	0,128	FALSE
-0,041	0,282	-0,002	0,007	0,080	FALSE
0,070	0,276	0,001	0,006	0,065	FALSE
-0,141	0,287	-0,003	0,010	0,100	FALSE
-0,008	0,294	0,000	0,006	0,023	FALSE
-0,051	0,298	-0,001	0,006	0,089	FALSE
0,057	0,293	0,003	0,013	0,095	FALSE
-0,008	0,289	-0,001	0,012	0,031	FALSE
0,158	0,294	0,003	0,007	0,165	FALSE
-0,005	0,291	0,001	0,011	0,034	FALSE
-0,133	0,284	-0,004	0,009	0,186	FALSE
-0,026	0,262	-0,001	0,008	0,042	FALSE
0,072	0,286	0,002	0,008	0,103	FALSE
0,082	0,294	0,003	0,011	0,099	FALSE
0,119	0,263	0,005	0,012	0,167	FALSE
-0,052	0,305	-0,002	0,008	0,110	FALSE
0,019	0,293	0,002	0,008	0,068	FALSE
0,024	0,292	0,003	0,012	0,107	FALSE
-0,051	0,285	-0,001	0,007	0,035	FALSE
0,084	0,295	0,004	0,013	0,126	FALSE
-0,070	0,278	-0,001	0,006	0,072	FALSE
0,000	0,296	0,000	0,010	0,005	FALSE
-0,069	0,291	-0,004	0,012	0,132	FALSE
-0,033	0,296	-0,001	0,008	0,059	FALSE
0,093	0,310	0,003	0,011	0,109	FALSE
-0,003	0,306	-0,001	0,008	0,028	FALSE
-0,099	0,298	-0,003	0,007	0,144	FALSE
0,006	0,290	0,000	0,009	0,005	FALSE
-0,047	0,303	-0,001	0,009	0,022	FALSE
-0,012	0,295	0,001	0,011	0,027	FALSE
0,155	0,290	0,004	0,009	0,165	FALSE
-0,011	0,278	0,000	0,006	0,011	FALSE
-0,015	0,295	0,000	0,007	0,011	FALSE
0,099	0,287	0,002	0,006	0,105	FALSE
0,082	0,285	0,005	0,012	0,174	FALSE
0,002	0,280	-0,002	0,011	0,050	FALSE
-0,092	0,285	-0,005	0,013	0,169	FALSE
0,118	0,291	0,002	0,012	0,066	FALSE
-0,105	0,290	-0,003	0,011	0,096	FALSE
0,103	0,292	0,005	0,012	0,157	FALSE

-0,019	0,284	-0,001	0,006	0,042	FALSE
-0,036	0,289	-0,001	0,007	0,025	FALSE
-0,070	0,290	-0,002	0,011	0,064	FALSE
0,001	0,286	0,000	0,007	0,023	FALSE
-0,002	0,275	0,001	0,006	0,030	FALSE
0,065	0,290	0,005	0,009	0,204	FALSE
-0,076	0,278	-0,002	0,006	0,132	FALSE
-0,018	0,286	0,002	0,010	0,074	FALSE
-0,004	0,274	-0,001	0,007	0,044	FALSE
-0,174	0,278	-0,006	0,008	0,322	FALSE
0,070	0,288	0,005	0,013	0,173	FALSE
0,023	0,299	0,000	0,007	0,017	FALSE
0,023	0,284	0,000	0,009	0,003	FALSE
0,028	0,308	0,000	0,012	0,001	FALSE
-0,148	0,285	-0,003	0,008	0,174	FALSE
0,049	0,276	0,005	0,011	0,177	FALSE
-0,014	0,290	0,000	0,009	0,017	FALSE
0,036	0,284	0,001	0,011	0,032	FALSE
0,046	0,288	0,003	0,012	0,087	FALSE
-0,005	0,287	0,000	0,012	0,010	FALSE
-0,082	0,276	0,000	0,007	0,022	FALSE
0,068	0,298	0,003	0,013	0,076	FALSE
0,002	0,284	-0,002	0,012	0,066	FALSE
0,139	0,267	0,002	0,007	0,128	FALSE
0,124	0,277	0,002	0,007	0,088	FALSE
0,145	0,289	0,003	0,008	0,129	FALSE
-0,011	0,288	0,000	0,007	0,022	FALSE
-0,151	0,287	-0,007	0,012	0,272	FALSE
0,053	0,282	0,003	0,008	0,133	FALSE
0,032	0,294	-0,001	0,011	0,039	FALSE
0,100	0,299	0,001	0,008	0,060	FALSE
0,060	0,295	0,001	0,009	0,045	FALSE
0,033	0,277	0,003	0,011	0,110	FALSE
-0,107	0,287	-0,001	0,009	0,052	FALSE
0,004	0,272	0,001	0,007	0,063	FALSE
-0,043	0,280	-0,003	0,009	0,145	FALSE
-0,006	0,293	0,001	0,012	0,017	FALSE
-0,068	0,289	-0,001	0,013	0,041	FALSE
-0,062	0,290	-0,001	0,012	0,030	FALSE
-0,124	0,286	-0,002	0,007	0,112	FALSE
-0,096	0,269	-0,004	0,009	0,177	FALSE
-0,077	0,279	-0,003	0,009	0,138	FALSE
0,000	0,280	-0,001	0,007	0,038	FALSE
-0,064	0,284	-0,001	0,008	0,052	FALSE
0,019	0,286	0,001	0,013	0,024	FALSE
-0,068	0,293	-0,003	0,010	0,114	FALSE
-0,050	0,282	-0,001	0,006	0,068	FALSE
0,005	0,289	-0,001	0,010	0,050	FALSE
0,035	0,289	0,000	0,013	0,012	FALSE
0,007	0,283	-0,002	0,012	0,078	FALSE
0,025	0,286	-0,001	0,013	0,029	FALSE
0,009	0,293	-0,001	0,013	0,038	FALSE
0,006	0,291	-0,002	0,013	0,046	FALSE

-0,054	0,292	-0,002	0,009	0,099	FALSE
-0,045	0,288	0,000	0,007	0,006	FALSE
0,034	0,285	-0,001	0,009	0,038	FALSE
0,002	0,281	-0,002	0,013	0,045	FALSE
0,033	0,286	0,000	0,008	0,003	FALSE
-0,047	0,296	-0,002	0,012	0,065	FALSE
-0,097	0,286	-0,004	0,008	0,188	FALSE
0,067	0,282	0,003	0,012	0,108	FALSE
-0,057	0,292	-0,002	0,013	0,056	FALSE
-0,027	0,292	-0,001	0,013	0,022	FALSE
0,018	0,297	0,000	0,008	0,016	FALSE
-0,069	0,289	-0,001	0,007	0,069	FALSE
0,052	0,280	0,000	0,013	0,005	FALSE
0,014	0,286	-0,001	0,007	0,048	FALSE
0,032	0,269	0,005	0,011	0,174	FALSE
-0,059	0,288	-0,001	0,009	0,051	FALSE
-0,096	0,277	-0,001	0,009	0,041	FALSE
0,064	0,276	0,000	0,007	0,007	FALSE
0,108	0,289	0,002	0,009	0,081	FALSE
0,042	0,285	0,002	0,007	0,098	FALSE
-0,077	0,290	-0,002	0,007	0,099	FALSE
-0,003	0,292	-0,001	0,011	0,033	FALSE
-0,018	0,285	-0,001	0,010	0,037	FALSE
-0,042	0,297	-0,002	0,013	0,057	FALSE
-0,050	0,296	-0,002	0,011	0,072	FALSE
-0,119	0,286	-0,004	0,012	0,148	FALSE
-0,142	0,292	-0,004	0,010	0,160	FALSE
-0,095	0,287	-0,005	0,013	0,155	FALSE
-0,007	0,289	-0,001	0,011	0,035	FALSE
-0,010	0,290	0,001	0,012	0,028	FALSE
0,038	0,290	0,002	0,010	0,068	FALSE
0,140	0,287	0,003	0,007	0,175	FALSE
-0,093	0,288	-0,003	0,008	0,138	FALSE
-0,184	0,284	-0,007	0,011	0,265	FALSE
-0,016	0,299	0,000	0,007	0,008	FALSE
0,033	0,298	0,001	0,009	0,024	FALSE
0,113	0,289	0,003	0,006	0,177	FALSE
-0,101	0,292	-0,002	0,009	0,083	FALSE
-0,007	0,283	0,001	0,011	0,022	FALSE
-0,104	0,287	-0,003	0,009	0,145	FALSE
-0,186	0,284	-0,008	0,012	0,297	FALSE
0,016	0,301	0,001	0,012	0,043	FALSE
0,202	0,289	0,004	0,006	0,272	FALSE
0,118	0,303	0,004	0,010	0,144	FALSE
0,120	0,275	0,002	0,007	0,141	FALSE
-0,010	0,296	-0,001	0,006	0,035	FALSE
0,126	0,294	0,004	0,009	0,171	FALSE
-0,004	0,288	0,001	0,012	0,028	FALSE
0,001	0,299	0,000	0,009	0,008	FALSE
-0,054	0,294	-0,005	0,012	0,160	FALSE
-0,041	0,292	-0,005	0,013	0,152	FALSE
-0,060	0,289	-0,006	0,013	0,184	FALSE
0,066	0,279	0,005	0,012	0,176	FALSE

-0,061	0,284	-0,004	0,012	0,144	FALSE
0,134	0,284	0,006	0,012	0,207	FALSE
0,028	0,293	0,001	0,007	0,035	FALSE
-0,072	0,283	-0,001	0,011	0,016	FALSE
0,110	0,295	0,003	0,008	0,118	FALSE
-0,063	0,298	-0,003	0,013	0,100	FALSE
0,158	0,288	0,005	0,012	0,181	FALSE
0,045	0,302	0,002	0,009	0,069	FALSE
0,031	0,302	-0,001	0,009	0,021	FALSE
0,063	0,289	0,003	0,009	0,120	FALSE
-0,078	0,276	-0,001	0,006	0,057	FALSE
-0,003	0,284	0,004	0,013	0,102	FALSE
-0,085	0,289	-0,002	0,009	0,063	FALSE
0,028	0,283	0,000	0,012	0,012	FALSE
0,095	0,284	0,005	0,011	0,175	FALSE
0,005	0,287	-0,002	0,011	0,068	FALSE
0,034	0,294	0,000	0,006	0,024	FALSE
0,003	0,296	0,002	0,013	0,066	FALSE
0,043	0,294	0,000	0,006	0,026	FALSE
0,009	0,285	0,001	0,008	0,064	FALSE
-0,005	0,293	0,001	0,008	0,042	FALSE
-0,016	0,276	-0,001	0,009	0,045	FALSE
-0,029	0,302	0,000	0,011	0,001	FALSE
0,086	0,281	0,004	0,011	0,143	FALSE
0,007	0,292	0,001	0,010	0,027	FALSE
-0,143	0,283	-0,006	0,011	0,227	FALSE
-0,053	0,294	0,000	0,008	0,009	FALSE
0,003	0,284	-0,001	0,012	0,042	FALSE
0,044	0,290	0,001	0,012	0,028	FALSE
0,080	0,289	0,003	0,007	0,176	FALSE
-0,005	0,293	0,000	0,011	0,010	FALSE
-0,080	0,284	-0,004	0,011	0,138	FALSE
-0,064	0,291	-0,003	0,012	0,101	FALSE
0,078	0,287	0,002	0,010	0,077	FALSE
-0,020	0,293	-0,001	0,012	0,038	FALSE
-0,047	0,281	-0,001	0,007	0,039	FALSE
-0,079	0,295	-0,002	0,008	0,088	FALSE
-0,089	0,287	-0,003	0,009	0,134	FALSE
-0,016	0,292	0,000	0,010	0,018	FALSE
0,118	0,282	0,005	0,012	0,179	FALSE
-0,018	0,298	0,000	0,011	0,015	FALSE
0,136	0,283	0,004	0,012	0,151	FALSE
0,194	0,290	0,005	0,009	0,228	FALSE
-0,026	0,296	-0,001	0,011	0,024	FALSE
0,207	0,298	0,006	0,009	0,276	FALSE
-0,040	0,290	-0,001	0,008	0,043	FALSE
0,012	0,278	-0,001	0,008	0,026	FALSE
0,029	0,290	0,001	0,008	0,046	FALSE
0,169	0,277	0,004	0,006	0,281	FALSE
-0,007	0,288	-0,002	0,009	0,064	FALSE
0,031	0,286	0,001	0,006	0,033	FALSE
0,032	0,293	0,001	0,012	0,034	FALSE
0,157	0,278	0,004	0,009	0,172	FALSE

0,088	0,288	0,002	0,007	0,083	FALSE
-0,004	0,293	0,001	0,008	0,037	FALSE
-0,002	0,294	0,001	0,008	0,042	FALSE
0,071	0,285	0,002	0,010	0,065	FALSE
-0,007	0,286	-0,001	0,007	0,065	FALSE
0,015	0,292	0,000	0,010	0,009	FALSE
0,030	0,296	0,000	0,008	0,014	FALSE
-0,079	0,290	-0,002	0,007	0,100	FALSE
0,083	0,298	0,001	0,008	0,040	FALSE
0,037	0,299	0,001	0,007	0,066	FALSE
-0,100	0,283	-0,003	0,013	0,107	FALSE
0,017	0,294	-0,001	0,011	0,035	FALSE
0,016	0,274	-0,001	0,009	0,050	FALSE
0,114	0,305	0,003	0,008	0,135	FALSE
0,078	0,294	0,003	0,009	0,121	FALSE
0,075	0,299	0,002	0,009	0,102	FALSE
-0,070	0,284	-0,002	0,006	0,140	FALSE
-0,091	0,277	-0,001	0,010	0,023	FALSE
0,150	0,281	0,003	0,007	0,141	FALSE
-0,077	0,295	-0,003	0,013	0,098	FALSE
0,001	0,281	-0,002	0,010	0,070	FALSE
-0,124	0,277	-0,004	0,009	0,174	FALSE
-0,139	0,275	-0,003	0,006	0,169	FALSE
0,001	0,295	0,001	0,010	0,021	FALSE
0,020	0,303	0,000	0,011	0,012	FALSE
0,046	0,303	0,002	0,009	0,085	FALSE
-0,054	0,295	-0,002	0,013	0,062	FALSE
-0,137	0,290	-0,003	0,008	0,135	FALSE
-0,092	0,279	-0,002	0,006	0,119	FALSE
-0,004	0,279	0,001	0,013	0,015	FALSE
0,010	0,287	0,000	0,012	0,004	FALSE
-0,061	0,294	-0,001	0,008	0,071	FALSE
-0,066	0,292	-0,002	0,008	0,106	FALSE
0,193	0,264	0,005	0,008	0,314	FALSE
-0,004	0,291	0,000	0,013	0,008	FALSE
-0,003	0,289	-0,001	0,011	0,037	FALSE
0,163	0,269	0,005	0,007	0,311	FALSE
0,141	0,298	0,004	0,009	0,175	FALSE
-0,062	0,275	-0,002	0,010	0,089	FALSE
0,090	0,296	0,001	0,007	0,056	FALSE
0,114	0,282	0,003	0,009	0,145	FALSE
-0,046	0,296	0,000	0,008	0,015	FALSE
-0,016	0,295	-0,001	0,012	0,039	FALSE
-0,113	0,284	-0,004	0,013	0,111	FALSE
-0,033	0,298	0,000	0,007	0,015	FALSE
-0,104	0,294	-0,005	0,012	0,163	FALSE
0,063	0,296	0,001	0,007	0,067	FALSE
-0,099	0,283	-0,002	0,008	0,081	FALSE
-0,125	0,293	-0,002	0,008	0,115	FALSE
-0,093	0,294	-0,002	0,009	0,102	FALSE
-0,077	0,294	-0,001	0,007	0,067	FALSE
-0,048	0,272	-0,004	0,012	0,118	FALSE
-0,050	0,287	-0,003	0,012	0,083	FALSE

-0,076	0,297	-0,003	0,011	0,102	FALSE
-0,048	0,293	-0,002	0,010	0,065	FALSE
-0,102	0,288	-0,004	0,010	0,177	FALSE
-0,119	0,290	-0,003	0,013	0,104	FALSE
0,022	0,277	-0,001	0,008	0,053	FALSE
0,108	0,298	0,003	0,014	0,083	FALSE
-0,063	0,298	-0,002	0,011	0,077	FALSE
0,189	0,288	0,005	0,007	0,283	FALSE
-0,138	0,309	-0,003	0,007	0,182	FALSE
-0,149	0,305	-0,006	0,010	0,237	FALSE
0,098	0,296	0,002	0,007	0,102	FALSE
-0,144	0,285	-0,003	0,007	0,186	FALSE
-0,007	0,301	0,000	0,010	0,013	FALSE
0,122	0,284	0,003	0,006	0,172	FALSE
0,000	0,285	0,000	0,009	0,011	FALSE
-0,047	0,288	-0,001	0,011	0,019	FALSE
0,114	0,281	0,001	0,007	0,074	FALSE
0,040	0,291	0,001	0,010	0,043	FALSE
0,048	0,294	-0,001	0,007	0,030	FALSE
-0,069	0,281	-0,003	0,013	0,095	FALSE
0,101	0,301	0,002	0,009	0,108	FALSE
0,052	0,295	0,000	0,007	0,023	FALSE
0,077	0,295	0,004	0,012	0,139	FALSE
-0,132	0,282	-0,005	0,011	0,179	FALSE
0,082	0,293	0,002	0,008	0,071	FALSE
-0,040	0,293	-0,002	0,010	0,056	FALSE
-0,145	0,280	-0,004	0,008	0,231	FALSE
-0,179	0,283	-0,008	0,011	0,311	FALSE
-0,117	0,281	-0,006	0,013	0,202	FALSE
-0,128	0,284	-0,004	0,008	0,229	FALSE
-0,043	0,296	-0,001	0,012	0,043	FALSE
0,039	0,286	0,001	0,008	0,044	FALSE
0,178	0,294	0,006	0,010	0,276	FALSE
0,162	0,289	0,007	0,010	0,286	FALSE
-0,103	0,290	-0,002	0,009	0,102	FALSE
-0,037	0,299	-0,001	0,008	0,033	FALSE
-0,067	0,293	-0,002	0,007	0,105	FALSE
0,140	0,289	0,004	0,007	0,267	FALSE
0,109	0,289	0,001	0,007	0,077	FALSE
0,024	0,286	0,001	0,006	0,081	FALSE
0,015	0,299	0,001	0,013	0,019	FALSE
-0,070	0,282	-0,001	0,012	0,028	FALSE
0,098	0,305	0,005	0,013	0,148	FALSE
0,145	0,299	0,003	0,009	0,112	FALSE
0,024	0,297	-0,001	0,010	0,018	FALSE
0,106	0,297	0,003	0,013	0,076	FALSE
0,060	0,295	0,002	0,009	0,091	FALSE
-0,099	0,280	-0,002	0,007	0,090	FALSE
-0,039	0,276	-0,004	0,012	0,139	FALSE
-0,052	0,303	-0,002	0,007	0,104	FALSE
0,191	0,276	0,008	0,009	0,406	FALSE
-0,017	0,290	0,000	0,007	0,001	FALSE
0,155	0,292	0,006	0,011	0,225	FALSE

0,020	0,287	-0,002	0,011	0,068	FALSE
0,155	0,280	0,004	0,007	0,258	FALSE
0,072	0,303	0,003	0,011	0,110	FALSE
-0,077	0,273	-0,004	0,010	0,194	FALSE
-0,043	0,279	-0,001	0,007	0,036	FALSE
-0,028	0,291	-0,001	0,008	0,030	FALSE
-0,040	0,288	-0,001	0,008	0,024	FALSE
-0,017	0,277	0,000	0,008	0,012	FALSE
0,062	0,293	0,003	0,012	0,086	FALSE
0,162	0,289	0,004	0,009	0,184	TRUE
-0,042	0,292	-0,002	0,013	0,069	FALSE
-0,127	0,287	-0,003	0,006	0,181	FALSE
-0,039	0,288	-0,003	0,012	0,080	FALSE
-0,181	0,272	-0,003	0,006	0,232	FALSE
-0,175	0,280	-0,003	0,006	0,214	FALSE
-0,160	0,286	-0,003	0,007	0,194	FALSE
0,046	0,293	0,002	0,009	0,072	FALSE
0,008	0,296	-0,001	0,013	0,034	FALSE
0,074	0,292	0,002	0,008	0,117	FALSE
0,069	0,291	0,002	0,008	0,104	FALSE
-0,024	0,293	-0,002	0,010	0,067	FALSE
-0,157	0,286	-0,006	0,013	0,196	FALSE
-0,156	0,282	-0,005	0,009	0,251	FALSE
0,126	0,293	0,003	0,011	0,101	FALSE
0,061	0,285	0,002	0,009	0,064	FALSE
-0,053	0,292	-0,002	0,008	0,074	FALSE
-0,081	0,286	-0,002	0,013	0,064	FALSE
-0,128	0,274	-0,004	0,009	0,162	FALSE
0,064	0,278	0,002	0,008	0,110	FALSE
0,089	0,304	0,003	0,010	0,134	FALSE
0,111	0,302	0,004	0,010	0,166	FALSE
0,076	0,284	0,003	0,009	0,124	FALSE
-0,053	0,284	-0,002	0,008	0,087	FALSE
0,002	0,285	0,001	0,008	0,035	FALSE
0,041	0,284	0,004	0,013	0,110	FALSE
0,033	0,286	0,003	0,010	0,105	FALSE
0,037	0,304	0,001	0,007	0,050	FALSE
-0,196	0,288	-0,008	0,012	0,321	FALSE
-0,021	0,289	0,000	0,009	0,002	FALSE
-0,050	0,288	0,000	0,006	0,008	FALSE
0,061	0,291	0,002	0,007	0,082	FALSE
0,083	0,289	0,004	0,010	0,136	FALSE
-0,065	0,299	-0,004	0,013	0,109	FALSE
0,047	0,304	0,001	0,008	0,048	FALSE
0,097	0,297	0,005	0,011	0,178	FALSE
-0,056	0,291	0,000	0,007	0,006	FALSE
-0,124	0,284	-0,004	0,009	0,163	FALSE
-0,014	0,289	0,000	0,006	0,003	FALSE
-0,048	0,284	-0,001	0,007	0,045	FALSE
0,154	0,288	0,002	0,007	0,126	FALSE
0,106	0,294	0,003	0,013	0,074	FALSE
-0,130	0,291	-0,002	0,007	0,137	FALSE
0,015	0,300	0,001	0,013	0,041	FALSE

-0,005	0,288	0,000	0,009	0,016	FALSE
-0,061	0,296	-0,001	0,007	0,057	FALSE
-0,057	0,302	-0,001	0,007	0,065	FALSE
-0,126	0,277	-0,002	0,007	0,100	FALSE
-0,143	0,294	-0,004	0,011	0,138	FALSE
-0,048	0,291	-0,001	0,008	0,039	FALSE
-0,114	0,284	-0,002	0,007	0,088	FALSE
-0,056	0,285	-0,001	0,007	0,056	FALSE
-0,062	0,287	-0,001	0,008	0,054	FALSE
0,048	0,295	0,002	0,013	0,050	FALSE
-0,089	0,283	-0,002	0,009	0,094	FALSE
-0,106	0,291	-0,003	0,007	0,187	FALSE
0,073	0,295	0,003	0,013	0,088	FALSE
0,020	0,284	-0,002	0,008	0,111	FALSE
0,143	0,290	0,006	0,012	0,204	FALSE
0,161	0,280	0,003	0,007	0,153	FALSE
-0,056	0,284	-0,001	0,011	0,021	FALSE
0,030	0,285	0,000	0,007	0,009	FALSE
-0,001	0,286	0,001	0,009	0,060	FALSE
-0,063	0,288	-0,002	0,007	0,129	FALSE
-0,199	0,286	-0,006	0,011	0,247	FALSE
0,002	0,303	-0,001	0,009	0,030	FALSE
-0,021	0,286	0,000	0,008	0,022	FALSE
0,080	0,289	0,002	0,007	0,132	FALSE
0,199	0,273	0,005	0,006	0,370	FALSE
0,125	0,285	0,004	0,008	0,197	FALSE
0,104	0,301	0,003	0,011	0,105	FALSE
-0,009	0,288	0,000	0,007	0,023	FALSE
0,100	0,287	0,003	0,011	0,093	FALSE
-0,146	0,297	-0,003	0,010	0,115	FALSE
0,030	0,303	0,000	0,010	0,008	FALSE
0,083	0,287	0,005	0,013	0,172	FALSE
-0,026	0,287	0,000	0,012	0,002	FALSE
-0,022	0,292	-0,001	0,008	0,066	FALSE
0,078	0,277	0,006	0,012	0,215	FALSE
-0,078	0,293	-0,001	0,013	0,029	FALSE
-0,079	0,288	-0,002	0,013	0,047	FALSE
-0,051	0,282	0,000	0,013	0,007	FALSE
-0,087	0,296	-0,001	0,013	0,034	FALSE
0,062	0,286	0,002	0,013	0,048	FALSE
0,091	0,287	0,000	0,008	0,007	FALSE
-0,075	0,294	-0,002	0,010	0,064	FALSE
0,138	0,279	0,003	0,009	0,130	FALSE
0,102	0,290	0,001	0,008	0,040	FALSE
-0,043	0,288	0,000	0,007	0,012	FALSE
-0,108	0,277	-0,001	0,006	0,064	FALSE
-0,019	0,285	0,000	0,008	0,005	FALSE
-0,068	0,297	-0,002	0,006	0,111	FALSE
-0,061	0,298	-0,004	0,013	0,116	FALSE
-0,029	0,304	-0,001	0,010	0,043	FALSE
0,006	0,290	-0,001	0,007	0,034	FALSE
0,088	0,294	0,002	0,010	0,097	FALSE
0,001	0,298	0,000	0,007	0,003	FALSE

0,033	0,293	0,000	0,008	0,018	FALSE
-0,017	0,286	0,000	0,010	0,010	FALSE
0,011	0,292	0,002	0,013	0,049	FALSE
-0,045	0,280	-0,001	0,008	0,037	FALSE
0,039	0,283	-0,001	0,013	0,016	FALSE
0,074	0,292	0,002	0,007	0,099	FALSE
-0,046	0,292	-0,001	0,008	0,045	FALSE
-0,029	0,288	-0,001	0,012	0,039	FALSE
-0,042	0,290	-0,001	0,008	0,047	FALSE
0,069	0,298	0,002	0,012	0,048	FALSE
0,185	0,287	0,009	0,013	0,300	FALSE
-0,023	0,283	0,000	0,007	0,017	FALSE
-0,008	0,293	0,000	0,006	0,023	FALSE
0,006	0,302	-0,002	0,010	0,054	FALSE
-0,099	0,286	-0,005	0,012	0,163	FALSE
-0,011	0,285	-0,002	0,012	0,077	FALSE
0,083	0,300	0,001	0,011	0,028	FALSE
-0,120	0,294	-0,005	0,010	0,216	FALSE
0,069	0,280	0,004	0,013	0,106	FALSE
0,037	0,296	0,001	0,007	0,039	FALSE
0,116	0,284	0,004	0,011	0,167	FALSE
-0,133	0,300	-0,003	0,008	0,127	FALSE
0,045	0,287	0,000	0,012	0,007	FALSE
-0,144	0,280	-0,005	0,012	0,163	FALSE
-0,223	0,277	-0,006	0,009	0,300	FALSE
0,019	0,303	0,000	0,007	0,021	FALSE
-0,064	0,285	-0,003	0,010	0,111	FALSE
0,018	0,280	0,000	0,011	0,014	FALSE
-0,011	0,296	-0,001	0,010	0,029	FALSE
0,087	0,285	0,001	0,013	0,023	FALSE
-0,070	0,286	-0,003	0,012	0,090	FALSE
0,172	0,279	0,006	0,012	0,218	FALSE
0,191	0,277	0,008	0,012	0,281	FALSE
-0,140	0,299	-0,005	0,013	0,167	FALSE
-0,055	0,284	-0,002	0,009	0,072	FALSE
-0,035	0,298	-0,002	0,012	0,061	FALSE
-0,016	0,305	0,000	0,009	0,005	FALSE
-0,050	0,305	0,000	0,008	0,020	FALSE
-0,015	0,286	0,000	0,010	0,001	FALSE
0,079	0,280	0,004	0,012	0,118	FALSE
-0,037	0,286	-0,001	0,007	0,051	FALSE
0,001	0,294	0,001	0,009	0,051	FALSE
0,036	0,288	0,001	0,011	0,023	FALSE
-0,015	0,292	-0,001	0,011	0,025	FALSE
-0,075	0,284	-0,003	0,008	0,144	FALSE
-0,108	0,291	-0,003	0,008	0,133	FALSE
0,077	0,290	0,002	0,007	0,100	FALSE
-0,019	0,300	0,000	0,006	0,018	FALSE
-0,011	0,314	-0,001	0,014	0,038	FALSE
0,028	0,299	0,000	0,013	0,003	FALSE
0,003	0,280	0,000	0,011	0,008	FALSE
0,004	0,278	0,000	0,007	0,013	FALSE
0,072	0,304	0,004	0,013	0,127	FALSE

0,063	0,289	0,003	0,011	0,106	FALSE
0,028	0,299	0,001	0,011	0,042	FALSE
0,033	0,289	0,002	0,012	0,071	FALSE
0,050	0,301	0,001	0,007	0,072	FALSE
0,028	0,305	0,002	0,008	0,071	FALSE
-0,065	0,297	-0,003	0,013	0,078	FALSE
-0,143	0,285	-0,002	0,007	0,120	FALSE
-0,046	0,294	0,000	0,007	0,018	FALSE
0,163	0,288	0,005	0,009	0,207	FALSE
0,065	0,266	0,000	0,012	0,013	FALSE
-0,014	0,296	0,001	0,008	0,031	FALSE
0,019	0,286	0,001	0,007	0,025	FALSE
-0,119	0,291	-0,003	0,009	0,147	FALSE
0,054	0,289	0,003	0,012	0,090	FALSE
0,123	0,294	0,003	0,007	0,177	FALSE
0,056	0,289	0,002	0,008	0,094	FALSE
0,015	0,296	0,000	0,012	0,006	FALSE
0,027	0,295	0,001	0,012	0,040	FALSE
-0,028	0,285	0,000	0,008	0,005	FALSE
-0,027	0,290	0,002	0,011	0,056	FALSE
-0,078	0,285	-0,003	0,008	0,177	FALSE
-0,015	0,298	-0,001	0,011	0,023	FALSE
-0,021	0,292	0,000	0,009	0,004	FALSE
0,074	0,298	0,002	0,012	0,077	FALSE
-0,020	0,285	0,000	0,010	0,018	FALSE
-0,002	0,290	0,001	0,006	0,067	FALSE
0,100	0,299	0,003	0,010	0,116	FALSE
-0,070	0,291	-0,002	0,007	0,114	FALSE
0,171	0,286	0,005	0,008	0,252	FALSE
0,048	0,300	0,001	0,010	0,039	FALSE
-0,047	0,287	-0,002	0,007	0,121	FALSE
0,006	0,291	0,000	0,008	0,012	FALSE
-0,104	0,294	-0,003	0,013	0,080	FALSE
0,010	0,287	0,000	0,008	0,017	FALSE
-0,045	0,284	-0,002	0,010	0,083	FALSE
-0,052	0,287	-0,002	0,010	0,092	FALSE
-0,045	0,293	-0,002	0,010	0,087	FALSE
-0,046	0,294	-0,003	0,010	0,097	FALSE
0,082	0,286	0,001	0,009	0,062	FALSE
0,016	0,292	0,001	0,009	0,036	FALSE
0,130	0,292	0,005	0,012	0,169	FALSE
-0,037	0,277	-0,002	0,007	0,099	FALSE
-0,097	0,284	-0,002	0,007	0,110	FALSE
-0,114	0,290	-0,004	0,007	0,220	FALSE
-0,150	0,295	-0,004	0,010	0,151	FALSE
-0,118	0,291	-0,003	0,010	0,122	FALSE
0,077	0,287	0,002	0,013	0,068	FALSE
-0,048	0,289	-0,001	0,008	0,031	FALSE
0,077	0,280	0,001	0,006	0,069	FALSE
0,081	0,276	0,003	0,010	0,130	FALSE
0,008	0,279	0,000	0,010	0,006	FALSE
-0,091	0,283	-0,002	0,011	0,066	FALSE
-0,021	0,304	-0,003	0,013	0,079	FALSE

0,104	0,287	0,005	0,012	0,144	FALSE
0,108	0,286	0,003	0,007	0,176	FALSE
0,059	0,288	0,002	0,011	0,068	FALSE
-0,083	0,287	-0,003	0,010	0,119	FALSE
-0,107	0,293	-0,003	0,008	0,141	FALSE
-0,058	0,284	-0,001	0,009	0,053	FALSE
0,025	0,288	0,002	0,009	0,100	FALSE
0,046	0,287	0,000	0,009	0,003	FALSE
0,093	0,288	0,005	0,012	0,149	FALSE
-0,115	0,284	-0,002	0,010	0,085	FALSE
0,024	0,286	0,000	0,013	0,007	FALSE
0,092	0,297	0,004	0,013	0,138	FALSE
-0,022	0,290	0,000	0,011	0,004	FALSE
-0,188	0,279	-0,003	0,007	0,193	FALSE
-0,172	0,270	-0,004	0,013	0,142	FALSE
0,165	0,280	0,005	0,011	0,196	FALSE
-0,132	0,285	-0,003	0,012	0,093	FALSE
-0,005	0,295	-0,001	0,008	0,041	FALSE
0,011	0,293	0,000	0,008	0,021	FALSE
0,008	0,291	0,000	0,008	0,022	FALSE
0,009	0,293	0,000	0,013	0,001	FALSE
0,190	0,276	0,006	0,011	0,244	FALSE
0,108	0,287	0,004	0,006	0,238	FALSE
0,108	0,297	0,004	0,011	0,127	FALSE
0,081	0,283	0,002	0,011	0,077	FALSE
0,222	0,280	0,006	0,007	0,428	FALSE
0,050	0,292	0,001	0,012	0,016	FALSE
-0,042	0,291	-0,001	0,011	0,020	FALSE
0,024	0,294	0,000	0,012	0,004	FALSE
0,036	0,285	0,001	0,012	0,031	FALSE
-0,008	0,293	0,000	0,013	0,002	FALSE
-0,017	0,286	-0,001	0,012	0,027	FALSE
-0,043	0,302	-0,001	0,010	0,033	FALSE
0,123	0,298	0,003	0,008	0,120	FALSE
-0,064	0,290	-0,001	0,012	0,034	FALSE
-0,054	0,292	-0,001	0,007	0,049	FALSE
-0,003	0,291	0,000	0,011	0,004	FALSE
0,011	0,302	0,000	0,011	0,015	FALSE
0,076	0,286	0,002	0,008	0,085	FALSE
0,003	0,301	0,001	0,008	0,035	FALSE
-0,034	0,277	-0,001	0,007	0,045	FALSE
-0,050	0,297	-0,001	0,006	0,060	FALSE
0,122	0,290	0,007	0,012	0,226	FALSE
0,097	0,295	0,003	0,010	0,106	FALSE
0,049	0,287	0,002	0,010	0,088	FALSE
0,079	0,292	0,002	0,007	0,087	FALSE
0,087	0,299	0,002	0,009	0,066	FALSE
0,102	0,275	0,004	0,011	0,132	FALSE
0,078	0,289	0,002	0,009	0,071	FALSE
-0,068	0,310	-0,002	0,009	0,079	FALSE
-0,079	0,283	-0,002	0,009	0,091	FALSE
0,039	0,280	0,000	0,010	0,016	FALSE
0,022	0,297	0,000	0,008	0,005	FALSE

-0,054	0,293	0,000	0,012	0,012	FALSE
0,045	0,291	0,000	0,011	0,006	FALSE
-0,007	0,290	-0,001	0,011	0,028	FALSE
0,025	0,276	0,000	0,011	0,007	FALSE
-0,012	0,287	-0,002	0,011	0,052	FALSE
-0,026	0,278	-0,001	0,012	0,026	FALSE
-0,013	0,283	0,000	0,012	0,013	FALSE
0,074	0,297	0,005	0,013	0,144	FALSE
0,038	0,290	0,001	0,010	0,018	FALSE
0,066	0,293	0,002	0,009	0,079	FALSE
-0,036	0,288	-0,001	0,007	0,034	FALSE
0,057	0,297	0,000	0,010	0,001	FALSE
0,148	0,286	0,006	0,012	0,207	FALSE
0,151	0,286	0,006	0,012	0,223	FALSE
-0,045	0,289	-0,002	0,008	0,078	FALSE
0,017	0,278	0,001	0,008	0,026	FALSE
-0,014	0,291	0,000	0,011	0,009	FALSE
0,068	0,305	0,001	0,012	0,021	FALSE
-0,012	0,289	-0,001	0,010	0,042	FALSE
0,093	0,299	0,002	0,007	0,111	FALSE
-0,018	0,293	-0,002	0,011	0,070	FALSE
0,119	0,284	0,002	0,008	0,104	FALSE
0,038	0,286	0,001	0,011	0,024	FALSE
0,038	0,287	0,001	0,011	0,021	FALSE
-0,002	0,278	0,001	0,007	0,062	FALSE
0,034	0,279	0,001	0,009	0,056	FALSE
0,036	0,294	0,000	0,007	0,011	FALSE
-0,079	0,292	-0,003	0,007	0,163	FALSE
-0,107	0,296	-0,003	0,007	0,189	FALSE
-0,108	0,271	-0,006	0,011	0,240	FALSE
-0,059	0,287	-0,003	0,011	0,100	FALSE
-0,062	0,280	-0,002	0,012	0,076	FALSE
0,039	0,298	0,001	0,013	0,020	FALSE
-0,097	0,282	-0,004	0,011	0,144	FALSE
-0,026	0,304	-0,001	0,008	0,061	FALSE
0,154	0,282	0,004	0,009	0,187	FALSE
0,042	0,291	0,002	0,012	0,051	FALSE
0,041	0,282	0,000	0,008	0,002	FALSE
-0,012	0,280	-0,001	0,009	0,059	FALSE
0,164	0,290	0,004	0,007	0,257	FALSE
0,114	0,288	0,006	0,011	0,209	FALSE
0,151	0,293	0,004	0,007	0,217	FALSE
-0,102	0,290	-0,006	0,012	0,185	FALSE
0,035	0,294	0,000	0,013	0,010	FALSE
-0,066	0,293	-0,002	0,010	0,078	FALSE
-0,041	0,291	-0,001	0,009	0,026	FALSE
0,082	0,297	0,003	0,010	0,110	FALSE
0,048	0,282	0,000	0,008	0,001	FALSE
-0,139	0,280	-0,006	0,011	0,240	FALSE
0,145	0,273	0,003	0,006	0,210	FALSE
-0,038	0,311	-0,001	0,010	0,057	FALSE
0,148	0,277	0,006	0,013	0,190	FALSE
-0,063	0,303	0,000	0,010	0,017	FALSE

-0,125	0,291	-0,003	0,007	0,205	FALSE
-0,027	0,288	-0,002	0,006	0,109	FALSE
-0,056	0,285	-0,002	0,010	0,059	FALSE
-0,005	0,301	-0,003	0,010	0,101	FALSE
-0,018	0,287	-0,001	0,008	0,029	FALSE
0,162	0,292	0,004	0,006	0,253	FALSE
-0,175	0,271	-0,003	0,007	0,216	FALSE
-0,089	0,303	-0,002	0,008	0,075	FALSE
0,079	0,287	0,002	0,006	0,148	FALSE
-0,101	0,285	-0,005	0,011	0,181	FALSE
0,090	0,297	0,003	0,011	0,115	FALSE
0,101	0,269	0,006	0,012	0,189	FALSE
0,116	0,282	0,006	0,012	0,203	FALSE
0,139	0,289	0,007	0,013	0,237	FALSE
0,076	0,288	0,002	0,008	0,088	FALSE
0,050	0,298	0,000	0,008	0,013	FALSE
0,023	0,285	-0,001	0,008	0,036	FALSE
-0,020	0,302	-0,001	0,007	0,044	FALSE
-0,096	0,285	-0,002	0,008	0,110	FALSE
0,059	0,297	0,003	0,007	0,169	FALSE
-0,025	0,277	-0,001	0,007	0,031	FALSE
0,004	0,290	-0,001	0,007	0,057	FALSE
-0,003	0,293	-0,002	0,007	0,085	FALSE
-0,019	0,293	-0,001	0,009	0,056	FALSE
-0,023	0,306	-0,002	0,010	0,057	FALSE
-0,033	0,291	-0,003	0,012	0,108	FALSE
0,024	0,286	0,001	0,009	0,028	FALSE
0,021	0,290	0,000	0,011	0,007	FALSE
0,035	0,306	0,001	0,007	0,034	FALSE
0,023	0,299	0,001	0,011	0,028	FALSE
-0,045	0,303	-0,001	0,010	0,018	FALSE
0,022	0,293	0,000	0,007	0,008	FALSE
-0,036	0,298	0,000	0,008	0,003	FALSE
0,028	0,283	0,001	0,010	0,044	FALSE
0,015	0,287	0,000	0,007	0,025	FALSE
-0,086	0,297	-0,003	0,008	0,148	FALSE
0,082	0,278	0,002	0,009	0,104	FALSE
-0,118	0,287	-0,002	0,006	0,133	FALSE
-0,099	0,286	-0,002	0,008	0,129	FALSE
0,072	0,275	0,002	0,006	0,133	FALSE
0,004	0,289	0,001	0,012	0,035	FALSE
0,050	0,305	0,001	0,009	0,039	FALSE
-0,088	0,287	-0,001	0,010	0,031	FALSE
-0,009	0,297	0,000	0,007	0,017	FALSE
-0,100	0,296	-0,004	0,008	0,216	FALSE
-0,061	0,290	-0,001	0,008	0,060	FALSE
-0,147	0,286	-0,005	0,011	0,203	FALSE
-0,045	0,282	-0,001	0,007	0,081	FALSE
-0,009	0,285	0,000	0,007	0,020	FALSE
-0,062	0,295	-0,004	0,010	0,178	FALSE
0,068	0,294	0,001	0,007	0,058	FALSE
-0,070	0,292	-0,003	0,011	0,118	FALSE
-0,014	0,292	-0,001	0,010	0,054	FALSE

0,084	0,286	0,002	0,011	0,081	FALSE
-0,091	0,288	-0,004	0,013	0,116	FALSE
-0,071	0,289	-0,003	0,012	0,079	FALSE
0,086	0,293	0,004	0,013	0,120	FALSE
0,080	0,298	0,004	0,011	0,130	FALSE
0,046	0,293	0,003	0,011	0,085	FALSE
0,051	0,297	0,001	0,012	0,023	FALSE
-0,037	0,290	-0,002	0,008	0,080	FALSE
-0,007	0,285	-0,002	0,008	0,085	FALSE
0,146	0,298	0,002	0,007	0,117	FALSE
0,020	0,291	0,004	0,013	0,125	FALSE
-0,017	0,280	-0,005	0,013	0,142	FALSE
-0,012	0,299	0,001	0,012	0,036	FALSE
-0,036	0,290	0,001	0,012	0,015	FALSE
-0,044	0,305	0,000	0,012	0,003	FALSE
-0,116	0,303	-0,002	0,007	0,141	FALSE
-0,052	0,302	-0,002	0,011	0,080	FALSE
-0,099	0,287	-0,002	0,010	0,089	FALSE
-0,069	0,307	-0,005	0,013	0,144	FALSE
-0,069	0,290	-0,005	0,012	0,160	FALSE
0,088	0,297	0,005	0,013	0,137	FALSE
0,001	0,282	0,002	0,012	0,046	FALSE
0,086	0,293	0,002	0,008	0,104	FALSE
-0,192	0,287	-0,007	0,012	0,241	FALSE
-0,165	0,291	-0,007	0,012	0,225	FALSE
0,147	0,281	0,003	0,013	0,095	FALSE
-0,134	0,286	-0,003	0,011	0,092	FALSE
0,009	0,280	0,001	0,008	0,044	FALSE
0,022	0,299	0,001	0,007	0,074	FALSE
-0,048	0,294	-0,001	0,009	0,031	FALSE
0,101	0,294	0,005	0,013	0,161	FALSE
0,028	0,292	0,000	0,007	0,007	FALSE
0,119	0,290	0,006	0,011	0,247	FALSE
0,015	0,303	-0,001	0,010	0,022	FALSE
-0,114	0,305	-0,006	0,014	0,188	FALSE
0,157	0,293	0,008	0,013	0,243	FALSE
-0,015	0,290	-0,001	0,008	0,068	FALSE
-0,052	0,282	-0,003	0,012	0,090	FALSE
-0,047	0,290	-0,002	0,011	0,054	FALSE
-0,140	0,299	-0,004	0,009	0,189	FALSE
-0,019	0,297	-0,001	0,008	0,029	FALSE
0,023	0,299	0,001	0,008	0,034	FALSE
-0,056	0,278	-0,002	0,013	0,054	FALSE
0,109	0,279	0,002	0,007	0,079	FALSE
-0,045	0,280	0,000	0,008	0,010	FALSE
0,037	0,295	0,001	0,008	0,031	FALSE
0,014	0,304	-0,001	0,008	0,026	FALSE
-0,074	0,281	-0,002	0,007	0,133	FALSE
0,059	0,301	0,003	0,011	0,090	FALSE
0,039	0,299	0,002	0,010	0,062	FALSE
0,122	0,290	0,004	0,010	0,159	FALSE
0,042	0,286	0,001	0,007	0,068	FALSE
0,210	0,283	0,004	0,007	0,217	FALSE

-0,224	0,262	-0,006	0,010	0,274	FALSE
0,055	0,305	0,002	0,012	0,052	FALSE
0,089	0,288	0,002	0,008	0,099	FALSE
0,163	0,287	0,004	0,010	0,153	FALSE
-0,054	0,295	-0,003	0,013	0,088	FALSE
-0,074	0,288	-0,003	0,010	0,111	FALSE
0,194	0,279	0,004	0,007	0,238	FALSE
0,171	0,287	0,003	0,007	0,206	FALSE
0,015	0,277	0,001	0,009	0,035	FALSE
0,222	0,288	0,007	0,011	0,308	FALSE
-0,058	0,282	-0,002	0,009	0,110	FALSE
-0,032	0,290	-0,001	0,007	0,063	FALSE
-0,238	0,278	-0,010	0,013	0,392	FALSE
-0,053	0,298	-0,002	0,012	0,061	FALSE
-0,033	0,295	-0,001	0,013	0,026	FALSE
0,017	0,303	0,001	0,007	0,038	FALSE
-0,048	0,289	-0,001	0,008	0,044	FALSE
0,103	0,289	0,002	0,006	0,154	FALSE
0,014	0,298	0,001	0,010	0,026	FALSE
-0,043	0,292	-0,001	0,012	0,029	FALSE
-0,165	0,300	-0,005	0,013	0,152	FALSE
0,043	0,283	0,002	0,010	0,061	FALSE
-0,013	0,292	0,000	0,013	0,007	FALSE
0,151	0,297	0,007	0,011	0,300	FALSE
0,031	0,280	0,002	0,009	0,068	FALSE
0,019	0,279	0,002	0,013	0,049	FALSE
0,082	0,286	0,003	0,009	0,138	FALSE
0,019	0,284	0,002	0,007	0,077	FALSE
-0,087	0,279	-0,003	0,013	0,103	FALSE
0,002	0,276	-0,001	0,011	0,035	FALSE
0,035	0,292	0,001	0,012	0,020	FALSE
0,089	0,280	0,001	0,008	0,045	FALSE
-0,029	0,284	0,001	0,012	0,016	FALSE
0,142	0,274	0,004	0,013	0,128	FALSE
-0,106	0,280	-0,006	0,011	0,231	FALSE
-0,083	0,287	-0,002	0,007	0,111	FALSE
0,107	0,293	0,004	0,013	0,120	FALSE
-0,076	0,294	-0,003	0,011	0,101	FALSE
0,117	0,289	0,004	0,007	0,210	FALSE
-0,052	0,292	-0,002	0,011	0,070	FALSE
0,063	0,294	0,002	0,009	0,098	FALSE
0,002	0,294	0,000	0,010	0,003	FALSE
0,073	0,298	0,002	0,007	0,099	FALSE
0,112	0,280	0,003	0,007	0,186	FALSE
-0,076	0,278	-0,002	0,007	0,116	FALSE
0,008	0,287	0,001	0,010	0,044	FALSE
-0,007	0,273	-0,004	0,013	0,115	FALSE
-0,019	0,298	-0,001	0,009	0,044	FALSE
-0,016	0,279	-0,005	0,012	0,187	FALSE
0,061	0,293	0,005	0,013	0,174	FALSE
0,077	0,288	0,003	0,009	0,143	FALSE
0,118	0,293	0,002	0,007	0,129	FALSE
0,137	0,279	0,006	0,012	0,208	FALSE

-0,048	0,294	0,000	0,010	0,017	FALSE
0,067	0,272	0,003	0,011	0,111	FALSE
0,014	0,281	0,001	0,007	0,057	FALSE
-0,003	0,299	0,001	0,013	0,020	FALSE
-0,063	0,297	-0,002	0,012	0,066	FALSE
0,063	0,289	0,002	0,007	0,089	FALSE
0,102	0,300	0,003	0,010	0,126	FALSE
0,048	0,300	0,001	0,010	0,020	FALSE
-0,094	0,286	-0,001	0,007	0,065	FALSE
0,061	0,291	0,003	0,008	0,121	FALSE
0,055	0,295	0,001	0,007	0,061	FALSE
0,116	0,288	0,005	0,012	0,182	FALSE
-0,026	0,286	-0,001	0,007	0,029	FALSE
-0,037	0,313	-0,001	0,009	0,045	FALSE
-0,058	0,290	-0,002	0,012	0,060	FALSE
-0,062	0,294	-0,002	0,007	0,085	FALSE
0,025	0,292	0,002	0,009	0,063	FALSE
0,004	0,286	0,001	0,007	0,059	FALSE
0,054	0,295	0,001	0,012	0,035	FALSE
0,021	0,310	0,000	0,013	0,002	FALSE
0,041	0,292	0,000	0,007	0,016	FALSE
-0,036	0,288	-0,001	0,012	0,026	FALSE
-0,110	0,272	-0,004	0,009	0,199	FALSE
-0,065	0,278	-0,002	0,007	0,096	FALSE
-0,072	0,287	-0,002	0,007	0,105	FALSE
-0,102	0,294	-0,004	0,012	0,137	FALSE
-0,034	0,298	-0,001	0,008	0,039	FALSE
-0,006	0,282	0,000	0,011	0,008	FALSE
0,102	0,294	0,003	0,012	0,093	FALSE
0,041	0,280	0,001	0,008	0,068	FALSE
-0,052	0,283	0,000	0,006	0,013	FALSE
-0,043	0,282	-0,001	0,012	0,045	FALSE
0,008	0,301	0,000	0,010	0,013	FALSE
0,046	0,284	0,000	0,012	0,014	FALSE
-0,029	0,291	-0,002	0,012	0,046	FALSE
0,008	0,282	-0,001	0,012	0,017	FALSE
-0,020	0,292	0,001	0,012	0,024	FALSE
0,117	0,290	0,004	0,012	0,118	FALSE
-0,061	0,282	-0,001	0,010	0,028	FALSE
-0,148	0,290	-0,006	0,012	0,194	FALSE
-0,073	0,286	-0,004	0,012	0,142	FALSE
0,137	0,297	0,006	0,013	0,201	FALSE
-0,051	0,297	-0,003	0,013	0,091	FALSE
0,057	0,280	0,003	0,013	0,095	FALSE
-0,018	0,294	-0,002	0,014	0,046	FALSE
-0,139	0,287	-0,005	0,011	0,179	FALSE
-0,145	0,308	-0,004	0,008	0,220	FALSE
0,013	0,288	0,000	0,012	0,002	FALSE
-0,019	0,305	0,001	0,010	0,019	FALSE
-0,056	0,291	-0,001	0,009	0,054	FALSE
0,240	0,290	0,011	0,014	0,358	FALSE
-0,011	0,296	-0,001	0,012	0,025	FALSE
0,014	0,286	0,000	0,013	0,009	FALSE

0,009	0,281	0,000	0,007	0,019	FALSE
-0,083	0,294	-0,002	0,007	0,088	FALSE
-0,069	0,279	-0,005	0,011	0,192	FALSE
0,138	0,293	0,003	0,008	0,135	FALSE
-0,166	0,283	-0,006	0,011	0,267	FALSE
-0,062	0,294	-0,004	0,012	0,139	FALSE
-0,141	0,284	-0,004	0,012	0,135	FALSE
-0,029	0,285	0,000	0,007	0,022	FALSE
-0,004	0,296	0,002	0,010	0,078	FALSE
0,091	0,285	0,001	0,007	0,083	FALSE
0,063	0,300	0,001	0,007	0,046	FALSE
0,082	0,289	0,001	0,006	0,079	FALSE
0,147	0,280	0,003	0,008	0,139	FALSE
0,128	0,281	0,001	0,007	0,067	FALSE
0,008	0,292	0,000	0,008	0,012	FALSE
-0,099	0,288	-0,002	0,010	0,062	FALSE
0,004	0,272	0,000	0,006	0,003	FALSE
-0,121	0,291	-0,006	0,013	0,184	FALSE
0,022	0,289	0,002	0,013	0,057	FALSE
-0,141	0,290	-0,003	0,007	0,211	FALSE
-0,042	0,279	-0,002	0,007	0,098	FALSE
-0,067	0,292	-0,002	0,009	0,076	FALSE
-0,036	0,282	-0,002	0,006	0,103	FALSE
0,122	0,274	0,006	0,009	0,264	FALSE
0,003	0,273	0,001	0,009	0,029	FALSE
0,054	0,286	0,002	0,012	0,063	FALSE
0,032	0,308	0,002	0,013	0,060	FALSE
0,041	0,294	0,003	0,011	0,096	FALSE
0,038	0,304	0,002	0,011	0,078	FALSE
-0,040	0,288	-0,002	0,008	0,083	FALSE
0,073	0,286	0,002	0,007	0,084	FALSE
-0,055	0,283	-0,002	0,008	0,079	FALSE
-0,061	0,286	-0,002	0,008	0,075	FALSE
-0,017	0,292	-0,001	0,010	0,051	FALSE
-0,035	0,273	0,001	0,007	0,030	FALSE
-0,010	0,295	-0,001	0,012	0,017	FALSE
0,080	0,307	0,002	0,008	0,095	FALSE
0,056	0,290	0,001	0,009	0,057	FALSE
0,008	0,288	0,002	0,011	0,065	FALSE
-0,066	0,294	-0,003	0,012	0,090	FALSE
0,048	0,294	0,001	0,006	0,034	FALSE
-0,078	0,284	-0,002	0,007	0,090	FALSE
0,220	0,290	0,005	0,007	0,394	FALSE
0,034	0,303	0,001	0,008	0,042	FALSE
0,000	0,299	0,001	0,008	0,071	FALSE
0,033	0,291	0,001	0,012	0,032	FALSE
-0,059	0,295	-0,002	0,010	0,083	FALSE
-0,122	0,298	-0,004	0,009	0,176	FALSE
-0,003	0,288	0,000	0,008	0,019	FALSE
0,110	0,303	0,004	0,013	0,113	FALSE
-0,112	0,293	-0,002	0,007	0,144	FALSE
-0,063	0,273	-0,003	0,011	0,089	FALSE
0,177	0,276	0,008	0,011	0,339	FALSE

0,043	0,280	0,001	0,007	0,031	FALSE
-0,013	0,282	0,000	0,007	0,012	FALSE
-0,269	0,270	-0,011	0,011	0,487	FALSE
0,045	0,291	0,001	0,007	0,063	FALSE
0,057	0,280	0,001	0,007	0,062	FALSE
-0,013	0,291	0,000	0,008	0,016	FALSE
0,088	0,294	0,003	0,007	0,167	FALSE
-0,009	0,300	0,000	0,009	0,010	FALSE
-0,053	0,296	-0,001	0,013	0,023	FALSE
-0,057	0,306	0,000	0,007	0,008	FALSE
0,019	0,297	0,000	0,009	0,007	FALSE
-0,084	0,288	-0,003	0,011	0,128	FALSE
-0,078	0,276	-0,003	0,010	0,113	FALSE
-0,068	0,295	-0,003	0,012	0,079	FALSE
0,002	0,291	0,000	0,007	0,022	FALSE
0,138	0,286	0,003	0,007	0,160	FALSE
-0,058	0,292	-0,002	0,011	0,075	FALSE
-0,021	0,293	-0,001	0,006	0,039	FALSE
-0,024	0,281	0,001	0,011	0,022	FALSE
-0,068	0,284	0,000	0,010	0,005	FALSE
-0,042	0,277	-0,001	0,011	0,044	FALSE
0,029	0,297	0,002	0,012	0,062	FALSE
0,041	0,280	0,000	0,013	0,003	FALSE
-0,034	0,290	-0,001	0,013	0,016	FALSE
0,066	0,285	0,002	0,012	0,069	FALSE
-0,041	0,285	-0,001	0,009	0,055	FALSE
-0,066	0,292	0,000	0,007	0,022	FALSE
0,058	0,291	0,003	0,011	0,106	FALSE
-0,028	0,307	-0,001	0,013	0,040	FALSE
-0,080	0,293	-0,004	0,013	0,119	FALSE
0,057	0,294	0,002	0,011	0,053	FALSE
0,034	0,299	0,001	0,013	0,033	FALSE
-0,022	0,300	0,000	0,007	0,007	FALSE
0,017	0,296	0,000	0,007	0,010	FALSE
0,029	0,296	0,000	0,012	0,015	FALSE
0,050	0,302	0,002	0,012	0,057	FALSE
0,094	0,304	0,003	0,011	0,104	FALSE
0,136	0,302	0,006	0,012	0,206	FALSE
-0,080	0,283	-0,002	0,007	0,082	FALSE
0,094	0,287	0,003	0,012	0,089	FALSE
0,015	0,302	0,001	0,011	0,017	FALSE
0,084	0,293	0,003	0,011	0,099	FALSE
0,036	0,286	0,003	0,012	0,090	FALSE
-0,011	0,296	0,002	0,011	0,052	FALSE
-0,042	0,285	0,000	0,011	0,005	FALSE
0,055	0,290	0,000	0,009	0,003	FALSE
0,129	0,281	0,004	0,009	0,187	FALSE
0,072	0,284	0,001	0,009	0,020	FALSE
0,004	0,299	0,000	0,007	0,002	FALSE
0,076	0,307	0,001	0,009	0,030	FALSE
0,020	0,292	-0,001	0,011	0,032	FALSE
0,238	0,280	0,008	0,010	0,355	FALSE
-0,079	0,284	-0,002	0,009	0,072	FALSE

0,140	0,287	0,003	0,008	0,162	FALSE
-0,021	0,288	-0,001	0,010	0,025	FALSE
-0,008	0,282	-0,003	0,010	0,101	FALSE
0,116	0,287	0,003	0,013	0,085	FALSE
0,153	0,275	0,004	0,012	0,125	FALSE
0,090	0,295	0,002	0,012	0,061	FALSE
0,042	0,301	0,000	0,012	0,012	FALSE
0,068	0,301	0,001	0,008	0,026	FALSE
0,043	0,270	0,001	0,010	0,032	FALSE
0,080	0,284	0,004	0,012	0,118	FALSE
-0,031	0,280	0,000	0,012	0,013	FALSE
-0,144	0,278	-0,005	0,012	0,175	FALSE
-0,019	0,284	0,000	0,012	0,011	FALSE
0,009	0,292	-0,001	0,007	0,045	FALSE
-0,033	0,286	-0,002	0,008	0,079	FALSE
0,035	0,281	0,001	0,010	0,028	FALSE
0,174	0,291	0,004	0,007	0,233	FALSE
-0,023	0,289	-0,001	0,011	0,022	FALSE
-0,044	0,298	-0,002	0,011	0,073	FALSE
-0,050	0,298	-0,003	0,012	0,094	FALSE
0,013	0,284	0,000	0,011	0,007	FALSE
-0,004	0,298	0,000	0,008	0,004	FALSE
0,027	0,293	0,001	0,007	0,031	FALSE
0,134	0,297	0,004	0,007	0,212	FALSE
-0,001	0,294	0,000	0,009	0,005	FALSE
0,148	0,282	0,003	0,008	0,174	FALSE
-0,125	0,297	-0,004	0,009	0,169	FALSE
-0,005	0,301	-0,001	0,013	0,024	FALSE
0,018	0,286	0,003	0,013	0,098	FALSE
0,024	0,305	0,001	0,009	0,041	FALSE
-0,056	0,293	-0,002	0,008	0,090	FALSE
-0,026	0,284	0,000	0,008	0,016	FALSE
-0,079	0,286	-0,002	0,011	0,067	FALSE
0,164	0,284	0,004	0,010	0,175	FALSE
0,171	0,291	0,004	0,010	0,176	FALSE
0,115	0,289	0,002	0,008	0,102	FALSE
0,013	0,285	0,000	0,007	0,022	FALSE
0,048	0,288	0,003	0,011	0,099	FALSE
-0,121	0,288	-0,002	0,008	0,124	FALSE
-0,150	0,273	-0,004	0,010	0,169	FALSE
-0,037	0,289	0,000	0,013	0,012	FALSE
0,090	0,299	0,002	0,013	0,062	FALSE
0,163	0,314	0,004	0,008	0,207	FALSE
0,162	0,290	0,004	0,009	0,195	FALSE
-0,092	0,290	-0,001	0,007	0,068	FALSE
-0,078	0,292	-0,002	0,007	0,096	FALSE
-0,156	0,287	-0,003	0,007	0,192	FALSE
0,061	0,290	0,003	0,011	0,104	FALSE
0,022	0,311	0,000	0,012	0,001	FALSE
-0,011	0,300	0,000	0,007	0,009	FALSE
-0,002	0,295	0,000	0,007	0,007	FALSE
0,034	0,286	0,002	0,011	0,069	FALSE
0,044	0,311	0,000	0,008	0,021	FALSE

0,004	0,297	0,001	0,014	0,021	FALSE
0,034	0,285	0,000	0,010	0,010	FALSE
-0,086	0,296	-0,001	0,009	0,044	FALSE
0,125	0,281	0,002	0,007	0,088	FALSE
-0,030	0,279	-0,002	0,011	0,068	FALSE
-0,035	0,287	-0,002	0,011	0,068	FALSE
0,193	0,279	0,007	0,011	0,287	FALSE
-0,144	0,282	-0,003	0,008	0,146	FALSE
-0,177	0,284	-0,005	0,008	0,276	FALSE
0,045	0,305	0,001	0,007	0,047	FALSE
-0,186	0,289	-0,005	0,007	0,292	FALSE
-0,080	0,282	-0,003	0,009	0,108	FALSE
-0,176	0,285	-0,005	0,009	0,255	FALSE
0,014	0,281	0,000	0,007	0,026	FALSE
-0,059	0,292	-0,001	0,008	0,054	FALSE
-0,063	0,289	-0,002	0,008	0,067	FALSE
0,058	0,291	0,000	0,009	0,016	FALSE
0,033	0,305	0,000	0,011	0,006	FALSE
-0,066	0,288	-0,001	0,007	0,056	FALSE
-0,045	0,305	-0,001	0,008	0,029	FALSE
0,068	0,295	0,001	0,011	0,041	FALSE
0,136	0,278	0,004	0,009	0,172	FALSE
0,052	0,300	0,002	0,012	0,055	FALSE
0,040	0,306	0,002	0,010	0,068	FALSE
-0,115	0,296	-0,002	0,007	0,115	FALSE
0,091	0,283	0,003	0,011	0,100	FALSE
-0,072	0,292	-0,002	0,009	0,096	FALSE
-0,138	0,286	-0,006	0,010	0,236	FALSE
-0,122	0,280	-0,002	0,007	0,137	FALSE
0,011	0,292	0,001	0,007	0,050	FALSE
-0,070	0,295	-0,002	0,012	0,076	FALSE
0,044	0,280	0,001	0,009	0,051	FALSE
0,040	0,283	0,001	0,008	0,045	FALSE
-0,022	0,299	-0,001	0,007	0,055	FALSE
-0,039	0,285	-0,002	0,007	0,091	FALSE
-0,127	0,281	-0,002	0,011	0,052	FALSE
-0,098	0,289	-0,002	0,008	0,102	FALSE
0,020	0,293	0,000	0,010	0,014	FALSE
-0,105	0,292	-0,002	0,009	0,073	FALSE
0,017	0,292	0,003	0,011	0,094	FALSE
0,130	0,283	0,003	0,008	0,151	FALSE
-0,035	0,281	0,000	0,012	0,001	FALSE
0,074	0,297	0,002	0,010	0,061	FALSE
0,089	0,291	0,001	0,007	0,063	FALSE
0,067	0,298	0,002	0,013	0,067	FALSE
0,038	0,293	0,001	0,012	0,018	FALSE
0,031	0,289	0,000	0,012	0,001	FALSE
-0,170	0,279	-0,005	0,009	0,226	FALSE
0,121	0,280	0,003	0,009	0,116	FALSE
-0,037	0,277	-0,003	0,011	0,095	FALSE
-0,092	0,267	-0,003	0,009	0,135	FALSE
-0,092	0,277	-0,004	0,010	0,148	FALSE
-0,066	0,274	-0,003	0,011	0,127	FALSE

0,080	0,294	0,004	0,012	0,136	FALSE
-0,148	0,279	-0,003	0,007	0,171	FALSE
-0,050	0,277	-0,002	0,009	0,074	FALSE
-0,041	0,280	-0,003	0,012	0,106	FALSE
-0,060	0,294	-0,004	0,012	0,141	FALSE
-0,061	0,289	-0,001	0,009	0,048	FALSE
-0,121	0,294	-0,003	0,009	0,147	FALSE
0,028	0,291	0,000	0,009	0,018	FALSE
-0,032	0,295	0,000	0,011	0,006	FALSE
-0,031	0,287	0,000	0,011	0,002	FALSE
0,062	0,289	0,003	0,011	0,101	FALSE
-0,055	0,287	0,000	0,006	0,025	FALSE
-0,069	0,310	-0,002	0,008	0,114	FALSE
-0,096	0,280	-0,002	0,010	0,093	FALSE
-0,076	0,276	-0,001	0,009	0,035	FALSE
-0,012	0,298	0,000	0,007	0,016	FALSE
-0,092	0,289	-0,002	0,006	0,108	FALSE
0,038	0,296	-0,001	0,013	0,028	FALSE
0,064	0,301	0,003	0,013	0,099	FALSE
-0,136	0,300	-0,005	0,011	0,165	FALSE
-0,005	0,281	0,000	0,008	0,012	FALSE
-0,067	0,290	-0,002	0,008	0,116	FALSE
-0,056	0,288	-0,003	0,007	0,159	FALSE
-0,032	0,281	-0,001	0,013	0,035	FALSE
-0,017	0,314	0,000	0,012	0,007	FALSE
0,103	0,291	0,003	0,010	0,106	FALSE
0,014	0,301	0,001	0,013	0,026	FALSE
0,042	0,295	0,002	0,012	0,068	FALSE
0,025	0,293	0,001	0,012	0,022	FALSE
0,104	0,283	0,000	0,008	0,019	FALSE
0,002	0,296	0,000	0,013	0,010	FALSE
0,069	0,290	-0,001	0,008	0,045	FALSE
0,058	0,293	0,001	0,007	0,056	FALSE
-0,062	0,290	-0,004	0,010	0,152	FALSE
-0,029	0,279	-0,002	0,010	0,097	FALSE
-0,005	0,289	-0,002	0,010	0,062	FALSE
-0,187	0,273	-0,005	0,008	0,290	FALSE
0,121	0,288	0,006	0,013	0,202	FALSE
-0,115	0,306	-0,002	0,008	0,103	FALSE
-0,050	0,307	-0,001	0,009	0,044	FALSE
0,006	0,295	-0,002	0,013	0,047	FALSE
0,016	0,294	0,000	0,009	0,003	FALSE
0,012	0,282	-0,001	0,008	0,058	FALSE
0,097	0,291	0,002	0,007	0,104	FALSE
-0,151	0,285	-0,004	0,007	0,214	FALSE
0,076	0,281	0,003	0,006	0,178	FALSE
0,054	0,292	0,002	0,010	0,081	FALSE
0,078	0,292	0,003	0,007	0,166	FALSE
0,052	0,283	0,000	0,011	0,009	FALSE
0,162	0,294	0,003	0,008	0,162	FALSE
0,034	0,277	0,000	0,010	0,014	FALSE
0,018	0,293	-0,001	0,009	0,021	FALSE
0,043	0,292	0,000	0,009	0,016	FALSE

0,028	0,287	0,000	0,008	0,014	FALSE
0,021	0,296	0,000	0,008	0,001	FALSE
-0,002	0,293	0,000	0,009	0,014	FALSE
-0,010	0,300	0,000	0,013	0,009	FALSE
0,080	0,285	0,002	0,009	0,086	FALSE
-0,101	0,288	-0,003	0,009	0,151	FALSE
-0,077	0,281	-0,004	0,012	0,125	FALSE
0,195	0,280	0,007	0,011	0,291	FALSE
0,097	0,292	0,003	0,011	0,118	FALSE
-0,062	0,291	-0,002	0,012	0,065	FALSE
0,005	0,305	0,001	0,013	0,034	FALSE
-0,011	0,286	-0,001	0,012	0,036	FALSE
0,047	0,288	0,000	0,010	0,004	FALSE
0,010	0,289	0,002	0,012	0,065	FALSE
0,057	0,299	0,001	0,008	0,042	FALSE
0,023	0,296	0,000	0,009	0,019	FALSE
-0,015	0,283	0,000	0,006	0,001	FALSE
0,134	0,284	0,003	0,007	0,184	FALSE
0,098	0,297	0,004	0,013	0,105	FALSE
-0,116	0,276	-0,002	0,006	0,122	FALSE
-0,069	0,280	-0,001	0,007	0,077	FALSE
0,119	0,295	0,005	0,012	0,160	FALSE
0,074	0,277	0,001	0,006	0,079	FALSE
0,078	0,284	0,003	0,007	0,153	FALSE
-0,220	0,287	-0,009	0,011	0,350	FALSE
0,063	0,287	0,002	0,007	0,082	FALSE
0,038	0,288	0,003	0,011	0,100	FALSE
0,026	0,295	0,000	0,007	0,021	FALSE
-0,136	0,272	-0,005	0,010	0,211	FALSE
-0,052	0,303	-0,001	0,011	0,023	FALSE
-0,141	0,280	-0,005	0,009	0,210	FALSE
0,092	0,288	0,003	0,013	0,083	FALSE
-0,113	0,298	-0,004	0,013	0,134	FALSE
-0,043	0,277	-0,003	0,013	0,100	FALSE
-0,034	0,273	0,000	0,006	0,018	FALSE
0,053	0,306	0,002	0,010	0,064	FALSE
-0,023	0,293	0,000	0,007	0,014	FALSE
-0,074	0,290	-0,001	0,007	0,068	FALSE
-0,074	0,291	-0,001	0,007	0,059	FALSE
-0,124	0,296	-0,003	0,012	0,111	FALSE
0,066	0,293	0,000	0,009	0,016	FALSE
0,042	0,286	0,003	0,011	0,101	FALSE
0,028	0,299	0,000	0,007	0,018	FALSE
-0,015	0,291	-0,001	0,013	0,019	FALSE
-0,100	0,285	-0,002	0,010	0,097	FALSE
0,063	0,288	0,002	0,007	0,094	FALSE
0,044	0,290	0,001	0,012	0,037	FALSE
-0,058	0,298	-0,002	0,007	0,129	FALSE
0,064	0,298	0,003	0,009	0,149	FALSE
0,002	0,280	-0,002	0,008	0,077	FALSE
0,106	0,296	0,006	0,013	0,188	FALSE
-0,002	0,277	0,002	0,007	0,082	FALSE
-0,017	0,289	0,000	0,009	0,002	FALSE

0,002	0,280	0,000	0,012	0,001	FALSE
0,103	0,292	0,002	0,007	0,136	FALSE
0,000	0,307	0,001	0,008	0,030	FALSE
-0,041	0,307	-0,002	0,013	0,056	FALSE
-0,036	0,307	-0,002	0,013	0,049	FALSE
-0,027	0,294	-0,001	0,007	0,069	FALSE
0,074	0,293	0,003	0,010	0,113	FALSE
0,081	0,292	0,002	0,010	0,093	FALSE
-0,022	0,278	0,000	0,009	0,017	FALSE
-0,063	0,290	-0,002	0,013	0,046	FALSE
-0,007	0,292	-0,001	0,009	0,030	FALSE
0,122	0,291	0,006	0,011	0,213	FALSE
0,195	0,288	0,006	0,008	0,321	FALSE
-0,022	0,294	0,001	0,008	0,038	FALSE
-0,010	0,284	0,000	0,007	0,013	FALSE
-0,038	0,292	-0,002	0,012	0,056	FALSE
-0,025	0,295	-0,001	0,010	0,023	FALSE
-0,048	0,297	0,000	0,006	0,016	FALSE
-0,004	0,292	-0,001	0,009	0,053	FALSE
0,105	0,304	0,003	0,014	0,096	FALSE
-0,031	0,286	-0,002	0,007	0,125	FALSE
0,088	0,284	0,003	0,009	0,151	FALSE
0,020	0,292	0,000	0,009	0,019	FALSE
0,058	0,274	0,001	0,008	0,062	FALSE
-0,014	0,278	0,001	0,010	0,040	FALSE
0,011	0,295	0,001	0,010	0,044	FALSE
0,039	0,289	0,001	0,011	0,032	FALSE
-0,058	0,292	-0,001	0,013	0,023	FALSE
0,204	0,282	0,007	0,011	0,272	FALSE
-0,076	0,300	-0,003	0,010	0,122	FALSE
0,114	0,282	0,004	0,009	0,201	FALSE
0,083	0,289	0,004	0,010	0,155	FALSE
-0,149	0,286	-0,004	0,010	0,170	FALSE
-0,088	0,288	-0,004	0,011	0,158	FALSE
-0,044	0,295	0,000	0,006	0,005	FALSE
-0,053	0,283	-0,001	0,008	0,056	FALSE
-0,074	0,291	-0,004	0,012	0,135	FALSE
0,032	0,290	-0,001	0,007	0,053	FALSE
0,042	0,291	0,003	0,013	0,075	FALSE
0,006	0,293	0,001	0,013	0,024	FALSE
0,010	0,294	0,000	0,012	0,004	FALSE
0,009	0,295	0,000	0,009	0,004	FALSE
0,053	0,302	0,002	0,009	0,093	FALSE
0,095	0,294	0,001	0,008	0,035	FALSE
0,044	0,291	0,002	0,009	0,074	FALSE
0,051	0,295	0,002	0,010	0,058	FALSE
0,095	0,284	0,003	0,008	0,139	FALSE
-0,059	0,288	-0,003	0,012	0,083	FALSE
-0,005	0,295	0,000	0,011	0,013	FALSE
0,086	0,292	0,002	0,008	0,115	FALSE
-0,029	0,279	-0,002	0,008	0,076	FALSE
0,031	0,302	0,001	0,009	0,036	FALSE
0,013	0,284	0,000	0,006	0,017	FALSE

-0,029	0,286	-0,001	0,008	0,064	FALSE
-0,012	0,305	-0,002	0,009	0,067	FALSE
-0,131	0,291	-0,003	0,013	0,105	FALSE
-0,095	0,283	-0,001	0,007	0,062	FALSE
0,017	0,273	0,001	0,006	0,073	FALSE
-0,038	0,288	-0,002	0,006	0,092	FALSE
-0,112	0,297	-0,005	0,011	0,200	FALSE
0,068	0,293	0,001	0,009	0,063	FALSE
-0,052	0,304	-0,002	0,008	0,100	FALSE
-0,027	0,292	0,000	0,007	0,004	FALSE
0,004	0,289	0,000	0,013	0,011	FALSE
-0,007	0,293	0,000	0,008	0,011	FALSE
0,006	0,296	0,000	0,009	0,002	FALSE
0,115	0,292	0,002	0,007	0,102	FALSE
-0,121	0,280	-0,003	0,008	0,138	TRUE
-0,160	0,285	-0,003	0,008	0,176	FALSE
0,024	0,283	-0,001	0,009	0,051	FALSE
0,078	0,294	0,003	0,010	0,118	FALSE
-0,134	0,298	-0,002	0,007	0,127	FALSE
-0,134	0,273	-0,006	0,012	0,220	FALSE
0,051	0,296	0,001	0,008	0,058	FALSE
0,053	0,289	0,001	0,007	0,063	FALSE
0,050	0,296	0,001	0,009	0,027	FALSE
0,000	0,287	0,000	0,007	0,008	FALSE
0,146	0,284	0,001	0,006	0,090	FALSE
0,048	0,288	0,002	0,013	0,055	FALSE
-0,130	0,269	-0,003	0,006	0,230	FALSE
-0,184	0,286	-0,009	0,013	0,319	FALSE
-0,156	0,278	-0,007	0,012	0,267	FALSE
-0,005	0,274	0,000	0,007	0,024	FALSE
-0,062	0,282	-0,001	0,012	0,037	FALSE
-0,019	0,300	-0,002	0,010	0,055	FALSE
-0,050	0,285	-0,001	0,008	0,054	FALSE
-0,010	0,285	-0,002	0,011	0,078	FALSE
0,074	0,301	0,001	0,007	0,048	FALSE
0,108	0,295	0,002	0,008	0,109	FALSE
-0,128	0,279	-0,003	0,012	0,092	FALSE
0,118	0,282	0,003	0,012	0,112	FALSE
-0,048	0,288	-0,001	0,007	0,049	FALSE
0,020	0,288	0,003	0,010	0,094	FALSE
0,087	0,283	0,003	0,009	0,137	FALSE
0,119	0,288	0,004	0,008	0,196	FALSE
0,004	0,297	0,001	0,013	0,028	FALSE
0,029	0,282	0,002	0,012	0,048	FALSE
-0,015	0,299	0,000	0,013	0,012	FALSE
0,003	0,296	0,001	0,012	0,028	FALSE
-0,012	0,294	0,000	0,008	0,015	FALSE
0,092	0,289	0,004	0,012	0,141	FALSE
0,099	0,296	0,003	0,007	0,164	FALSE
-0,072	0,287	-0,002	0,012	0,064	FALSE
-0,025	0,290	0,000	0,008	0,014	FALSE
-0,007	0,290	0,000	0,011	0,001	FALSE
0,008	0,302	0,001	0,008	0,035	FALSE

-0,034	0,291	-0,001	0,011	0,040	FALSE
-0,016	0,293	0,000	0,012	0,006	FALSE
0,017	0,290	0,001	0,009	0,038	FALSE
-0,059	0,277	-0,005	0,010	0,192	FALSE
-0,022	0,295	-0,001	0,010	0,018	FALSE
0,006	0,287	0,002	0,013	0,064	FALSE
0,009	0,291	0,001	0,008	0,025	FALSE
0,065	0,301	0,002	0,007	0,084	FALSE
0,011	0,286	0,001	0,007	0,035	FALSE
-0,027	0,280	0,000	0,007	0,016	FALSE
-0,088	0,294	-0,002	0,011	0,057	FALSE
-0,064	0,278	-0,001	0,007	0,032	FALSE
-0,104	0,291	-0,003	0,008	0,125	FALSE
0,025	0,287	0,000	0,007	0,021	FALSE
0,013	0,282	-0,001	0,013	0,028	FALSE
-0,185	0,279	-0,007	0,012	0,266	FALSE
0,000	0,293	0,001	0,010	0,048	FALSE
0,004	0,288	0,001	0,009	0,042	FALSE
0,096	0,296	0,004	0,008	0,183	FALSE
-0,051	0,294	-0,002	0,013	0,048	FALSE
0,103	0,292	0,004	0,009	0,178	FALSE
0,083	0,290	0,003	0,008	0,171	FALSE
0,094	0,287	0,004	0,008	0,186	FALSE
0,103	0,287	0,004	0,009	0,184	FALSE
0,103	0,298	0,004	0,009	0,184	FALSE
0,099	0,289	0,004	0,008	0,188	FALSE
0,017	0,277	0,001	0,009	0,044	FALSE
-0,008	0,286	0,001	0,010	0,021	FALSE
0,022	0,286	0,001	0,010	0,051	FALSE
0,023	0,280	0,002	0,009	0,064	FALSE
0,012	0,282	0,001	0,009	0,042	FALSE
-0,108	0,286	-0,003	0,007	0,184	FALSE
-0,104	0,291	-0,004	0,008	0,189	FALSE
-0,033	0,284	-0,001	0,008	0,068	FALSE
-0,017	0,300	-0,001	0,008	0,049	FALSE
-0,007	0,308	-0,001	0,007	0,073	FALSE
0,050	0,280	0,001	0,012	0,036	FALSE
0,003	0,294	0,000	0,008	0,004	FALSE
0,072	0,277	0,002	0,012	0,062	FALSE
0,016	0,293	0,000	0,009	0,014	FALSE
0,073	0,288	0,002	0,007	0,115	FALSE
0,078	0,291	0,002	0,007	0,089	FALSE
0,100	0,293	0,003	0,012	0,092	FALSE
-0,128	0,278	-0,003	0,007	0,162	FALSE
0,066	0,287	0,002	0,012	0,069	FALSE
-0,022	0,286	-0,002	0,011	0,058	FALSE
0,003	0,286	-0,001	0,012	0,039	FALSE
-0,028	0,291	-0,002	0,010	0,061	FALSE
-0,019	0,289	-0,002	0,011	0,052	FALSE
0,014	0,294	0,001	0,011	0,034	FALSE
-0,054	0,287	-0,001	0,009	0,047	FALSE
0,112	0,283	0,005	0,012	0,183	FALSE
0,054	0,285	0,002	0,012	0,071	FALSE

0,038	0,297	0,002	0,012	0,070	FALSE
-0,050	0,295	-0,002	0,008	0,126	FALSE
-0,040	0,298	-0,002	0,008	0,085	FALSE
0,014	0,299	0,002	0,011	0,067	FALSE
0,094	0,295	0,002	0,008	0,101	FALSE
0,098	0,293	0,001	0,008	0,052	FALSE
-0,045	0,290	-0,002	0,013	0,057	FALSE
0,139	0,296	0,002	0,008	0,098	FALSE
0,141	0,276	0,003	0,006	0,208	FALSE
0,093	0,296	0,005	0,012	0,148	FALSE
0,099	0,296	0,003	0,013	0,101	FALSE
-0,030	0,288	0,000	0,007	0,024	FALSE
-0,134	0,281	-0,004	0,008	0,180	FALSE
0,011	0,291	0,001	0,012	0,035	FALSE
-0,127	0,292	-0,003	0,008	0,174	FALSE
0,027	0,295	0,001	0,009	0,043	FALSE
0,113	0,275	0,002	0,009	0,068	FALSE
0,029	0,283	-0,001	0,012	0,033	FALSE
0,099	0,287	0,001	0,009	0,045	FALSE
0,004	0,290	0,000	0,007	0,020	FALSE
-0,004	0,289	0,000	0,008	0,004	FALSE
-0,101	0,290	-0,003	0,008	0,159	FALSE
-0,035	0,300	-0,001	0,011	0,043	FALSE
-0,110	0,288	-0,003	0,009	0,110	FALSE
-0,100	0,287	-0,002	0,010	0,093	FALSE
-0,134	0,299	-0,004	0,010	0,143	FALSE
-0,107	0,283	-0,003	0,010	0,098	FALSE
0,100	0,286	0,002	0,006	0,108	FALSE
-0,019	0,282	0,000	0,012	0,011	FALSE
-0,067	0,288	-0,001	0,006	0,045	FALSE
0,103	0,291	0,002	0,006	0,145	FALSE
-0,052	0,285	-0,001	0,007	0,067	FALSE
0,021	0,283	0,000	0,007	0,007	FALSE
0,108	0,293	0,005	0,012	0,171	FALSE
-0,013	0,293	0,002	0,008	0,079	FALSE
-0,073	0,286	-0,003	0,009	0,139	FALSE
-0,098	0,286	-0,002	0,008	0,086	FALSE
0,177	0,286	0,005	0,008	0,275	FALSE
-0,120	0,279	-0,005	0,008	0,255	FALSE
-0,090	0,293	-0,001	0,007	0,043	FALSE
-0,040	0,298	-0,002	0,013	0,069	FALSE
-0,109	0,296	-0,004	0,008	0,213	FALSE
-0,079	0,294	-0,003	0,011	0,104	FALSE
-0,048	0,289	-0,001	0,010	0,046	FALSE
0,012	0,302	-0,001	0,010	0,019	FALSE
-0,023	0,292	0,001	0,013	0,015	FALSE
-0,121	0,279	-0,005	0,010	0,231	FALSE
-0,156	0,281	-0,006	0,009	0,296	FALSE
0,113	0,283	0,005	0,012	0,150	FALSE
-0,038	0,286	-0,002	0,010	0,060	FALSE
0,102	0,291	0,002	0,007	0,087	FALSE
0,072	0,297	0,001	0,007	0,055	FALSE
-0,112	0,293	-0,002	0,007	0,135	FALSE

0,030	0,289	0,002	0,012	0,067	FALSE
0,032	0,286	0,001	0,008	0,066	FALSE
-0,070	0,294	-0,004	0,011	0,140	FALSE
0,072	0,286	0,006	0,013	0,170	FALSE
-0,016	0,284	0,000	0,008	0,021	FALSE
-0,148	0,288	-0,003	0,007	0,155	FALSE
0,066	0,279	0,002	0,011	0,063	FALSE
0,133	0,284	0,005	0,013	0,172	FALSE
0,195	0,272	0,008	0,012	0,318	FALSE
0,032	0,303	0,001	0,009	0,027	FALSE
-0,065	0,286	-0,001	0,007	0,081	FALSE
0,162	0,300	0,005	0,013	0,170	FALSE
0,041	0,289	0,000	0,009	0,012	FALSE
0,002	0,301	0,001	0,010	0,033	FALSE
0,075	0,293	0,005	0,012	0,168	FALSE
-0,048	0,282	-0,001	0,011	0,048	FALSE
-0,057	0,285	-0,001	0,008	0,056	FALSE
-0,169	0,263	-0,006	0,009	0,280	FALSE
-0,053	0,288	-0,002	0,008	0,092	FALSE
0,055	0,287	0,001	0,010	0,054	FALSE
0,000	0,289	-0,001	0,007	0,044	FALSE
0,026	0,289	0,000	0,010	0,001	FALSE
-0,021	0,291	-0,002	0,009	0,096	FALSE
-0,011	0,289	0,000	0,011	0,000	FALSE
-0,006	0,288	0,001	0,011	0,020	FALSE
-0,154	0,274	-0,004	0,007	0,232	FALSE
-0,012	0,301	0,000	0,012	0,001	FALSE
0,001	0,280	0,001	0,008	0,069	FALSE
0,051	0,279	0,000	0,012	0,005	FALSE
0,049	0,282	0,002	0,009	0,084	FALSE
-0,175	0,287	-0,004	0,007	0,245	FALSE
-0,186	0,273	-0,004	0,006	0,285	FALSE
-0,042	0,269	-0,001	0,009	0,042	FALSE
-0,221	0,255	-0,006	0,009	0,315	FALSE
0,069	0,292	0,003	0,011	0,099	FALSE
-0,138	0,280	-0,003	0,009	0,141	FALSE
0,056	0,286	0,001	0,010	0,050	FALSE
0,038	0,285	0,002	0,012	0,058	FALSE
0,086	0,284	0,004	0,012	0,118	FALSE
0,014	0,302	0,000	0,013	0,007	FALSE
0,058	0,292	0,001	0,013	0,016	FALSE
-0,047	0,298	-0,003	0,009	0,135	FALSE
-0,029	0,286	-0,001	0,009	0,040	FALSE
-0,030	0,287	-0,001	0,009	0,045	FALSE
-0,037	0,288	-0,002	0,009	0,065	FALSE
0,020	0,277	0,000	0,006	0,000	FALSE
-0,002	0,304	0,000	0,007	0,020	FALSE
0,018	0,285	0,001	0,007	0,038	FALSE
-0,062	0,289	-0,001	0,012	0,037	FALSE
-0,024	0,290	-0,002	0,011	0,060	FALSE
0,036	0,291	0,001	0,008	0,044	FALSE
0,040	0,286	0,002	0,007	0,099	FALSE
0,105	0,279	0,003	0,007	0,176	FALSE

0,047	0,286	-0,002	0,012	0,060	FALSE
-0,062	0,280	-0,001	0,013	0,037	FALSE
0,071	0,295	0,003	0,012	0,096	FALSE
-0,070	0,280	-0,005	0,012	0,179	FALSE
-0,080	0,288	-0,005	0,012	0,171	FALSE
-0,085	0,286	-0,002	0,007	0,099	FALSE
0,066	0,290	0,002	0,012	0,075	FALSE
-0,118	0,282	-0,003	0,011	0,092	FALSE
-0,012	0,288	-0,001	0,010	0,045	FALSE
-0,010	0,293	0,001	0,012	0,039	FALSE
-0,092	0,295	-0,002	0,011	0,055	FALSE
0,077	0,278	0,000	0,007	0,005	FALSE
0,143	0,299	0,004	0,009	0,197	FALSE
0,031	0,288	0,000	0,009	0,013	FALSE
0,003	0,280	-0,001	0,009	0,021	FALSE
0,142	0,281	0,004	0,008	0,234	FALSE
0,199	0,282	0,004	0,006	0,315	FALSE
-0,015	0,288	0,000	0,007	0,001	FALSE
-0,018	0,308	-0,002	0,008	0,077	FALSE
-0,132	0,284	-0,005	0,011	0,179	FALSE
0,007	0,298	0,000	0,012	0,001	FALSE
-0,026	0,288	-0,001	0,009	0,051	FALSE
0,095	0,277	0,001	0,008	0,056	FALSE
0,058	0,295	0,002	0,007	0,113	FALSE
-0,179	0,295	-0,005	0,011	0,204	FALSE
0,016	0,303	0,000	0,013	0,013	FALSE
-0,041	0,288	-0,002	0,009	0,078	FALSE
0,047	0,293	0,000	0,007	0,009	FALSE
0,043	0,305	0,001	0,010	0,045	FALSE
-0,005	0,287	0,001	0,007	0,035	FALSE
0,020	0,278	0,000	0,007	0,023	FALSE
0,047	0,292	0,002	0,007	0,077	FALSE
-0,106	0,287	-0,002	0,010	0,088	FALSE
0,086	0,288	0,003	0,007	0,148	FALSE
0,176	0,302	0,003	0,007	0,183	FALSE
-0,082	0,293	-0,003	0,011	0,094	FALSE
-0,062	0,280	-0,003	0,009	0,147	FALSE
-0,035	0,297	-0,002	0,009	0,074	FALSE
-0,080	0,277	-0,004	0,010	0,157	FALSE
-0,113	0,295	-0,004	0,013	0,109	FALSE
0,013	0,289	0,001	0,010	0,020	FALSE
-0,010	0,290	0,000	0,012	0,002	FALSE
-0,004	0,303	0,000	0,010	0,009	FALSE
-0,082	0,285	-0,003	0,012	0,103	FALSE
-0,004	0,282	-0,001	0,012	0,029	FALSE
0,087	0,295	0,003	0,008	0,125	FALSE
0,071	0,297	0,003	0,010	0,128	FALSE
0,067	0,301	0,001	0,008	0,043	FALSE
-0,034	0,286	-0,004	0,013	0,109	FALSE
0,037	0,301	0,000	0,007	0,015	FALSE
0,018	0,281	-0,001	0,006	0,053	FALSE
-0,018	0,279	-0,001	0,008	0,026	FALSE
-0,055	0,297	-0,001	0,007	0,066	FALSE

-0,007	0,280	0,000	0,010	0,012	FALSE
0,036	0,278	0,001	0,008	0,037	FALSE
0,036	0,280	0,001	0,010	0,018	FALSE
0,080	0,294	0,001	0,009	0,042	FALSE
-0,112	0,282	-0,002	0,007	0,114	FALSE
-0,023	0,293	-0,001	0,008	0,058	FALSE
-0,070	0,290	-0,003	0,009	0,138	FALSE
0,123	0,278	0,002	0,009	0,095	FALSE
0,031	0,293	0,003	0,011	0,120	FALSE
-0,187	0,279	-0,006	0,009	0,285	FALSE
-0,090	0,293	-0,001	0,008	0,044	FALSE
-0,107	0,300	-0,003	0,007	0,197	FALSE
-0,010	0,289	0,001	0,013	0,020	FALSE
0,048	0,292	0,003	0,012	0,098	FALSE
0,079	0,286	0,002	0,009	0,067	FALSE
-0,051	0,293	-0,002	0,007	0,101	FALSE
0,109	0,289	0,003	0,009	0,119	FALSE
-0,076	0,300	-0,002	0,007	0,137	FALSE
0,014	0,284	0,000	0,006	0,003	FALSE
0,073	0,294	0,002	0,012	0,051	FALSE
0,058	0,279	0,000	0,007	0,017	FALSE
0,043	0,289	0,001	0,011	0,036	FALSE
-0,097	0,296	-0,003	0,013	0,103	FALSE
-0,047	0,296	-0,001	0,006	0,042	FALSE
-0,046	0,281	-0,002	0,012	0,077	FALSE
0,088	0,274	0,003	0,011	0,113	FALSE
0,058	0,282	0,003	0,013	0,074	FALSE
-0,141	0,290	-0,003	0,008	0,174	FALSE
0,087	0,292	0,004	0,013	0,104	FALSE
-0,024	0,288	-0,001	0,013	0,033	FALSE
0,048	0,309	0,001	0,011	0,028	FALSE
-0,168	0,272	-0,003	0,006	0,232	FALSE
-0,173	0,289	-0,004	0,008	0,191	FALSE
-0,082	0,292	-0,002	0,007	0,108	FALSE
0,047	0,292	0,002	0,008	0,109	FALSE
-0,059	0,284	-0,002	0,009	0,084	FALSE
-0,002	0,289	0,000	0,010	0,012	FALSE
-0,052	0,297	-0,001	0,010	0,055	FALSE
-0,031	0,288	-0,001	0,007	0,079	FALSE
-0,018	0,289	-0,002	0,008	0,079	FALSE
-0,077	0,288	-0,001	0,007	0,053	FALSE
0,013	0,299	0,000	0,006	0,009	FALSE
0,044	0,280	0,003	0,013	0,100	FALSE
-0,009	0,285	0,001	0,008	0,048	FALSE
-0,194	0,291	-0,005	0,008	0,293	FALSE
-0,213	0,274	-0,005	0,008	0,310	FALSE
-0,069	0,293	-0,003	0,011	0,120	FALSE
-0,009	0,292	0,001	0,007	0,028	FALSE
0,007	0,305	0,001	0,007	0,065	FALSE
-0,138	0,285	-0,003	0,006	0,180	FALSE
0,074	0,287	0,002	0,008	0,076	FALSE
0,034	0,295	0,002	0,010	0,069	FALSE
0,092	0,299	0,002	0,008	0,111	FALSE

0,072	0,282	0,002	0,007	0,114	FALSE
0,106	0,286	0,002	0,010	0,093	FALSE
0,096	0,296	0,003	0,012	0,092	FALSE
0,023	0,285	0,001	0,007	0,067	FALSE
0,083	0,285	0,003	0,008	0,148	FALSE
0,063	0,280	0,002	0,008	0,119	FALSE
-0,061	0,291	-0,002	0,010	0,071	FALSE
-0,023	0,296	-0,001	0,008	0,043	FALSE
0,000	0,294	0,000	0,009	0,003	FALSE
0,101	0,289	0,002	0,008	0,086	FALSE
-0,110	0,285	-0,002	0,008	0,085	FALSE
0,103	0,297	0,003	0,007	0,187	FALSE
-0,101	0,290	-0,003	0,008	0,121	FALSE
-0,026	0,287	0,000	0,007	0,013	FALSE
-0,005	0,294	-0,001	0,011	0,034	FALSE
-0,042	0,298	-0,001	0,011	0,046	FALSE
-0,057	0,290	-0,003	0,008	0,145	FALSE
-0,047	0,281	-0,003	0,008	0,139	FALSE
0,165	0,289	0,007	0,013	0,222	FALSE
0,164	0,285	0,008	0,013	0,254	FALSE
-0,024	0,296	0,000	0,007	0,021	FALSE
0,137	0,288	0,004	0,008	0,201	FALSE
-0,110	0,292	-0,004	0,009	0,190	FALSE
0,122	0,286	0,003	0,009	0,135	FALSE
-0,024	0,301	0,000	0,010	0,013	FALSE
-0,078	0,279	-0,002	0,009	0,073	FALSE
-0,043	0,286	-0,002	0,009	0,092	FALSE
-0,078	0,300	-0,003	0,007	0,157	FALSE
-0,126	0,270	-0,005	0,010	0,195	FALSE
0,115	0,296	0,002	0,007	0,107	FALSE
-0,114	0,298	-0,003	0,007	0,138	FALSE
0,001	0,300	0,000	0,007	0,012	FALSE
-0,020	0,292	0,001	0,013	0,023	FALSE
-0,041	0,298	-0,001	0,007	0,040	FALSE
-0,098	0,283	-0,002	0,007	0,142	FALSE
-0,003	0,285	0,001	0,009	0,038	FALSE
-0,041	0,284	-0,002	0,008	0,081	FALSE
0,120	0,288	0,002	0,006	0,115	FALSE
0,113	0,264	0,003	0,012	0,087	FALSE
-0,157	0,284	-0,003	0,007	0,178	FALSE
-0,039	0,292	-0,001	0,013	0,035	FALSE
0,151	0,297	0,004	0,007	0,239	FALSE
-0,065	0,290	-0,001	0,012	0,040	FALSE
0,028	0,291	0,001	0,010	0,041	FALSE
0,010	0,294	0,000	0,011	0,003	FALSE
-0,111	0,286	-0,002	0,007	0,086	FALSE
-0,001	0,272	0,000	0,010	0,003	FALSE
-0,015	0,290	-0,002	0,010	0,073	FALSE
0,033	0,301	0,001	0,007	0,072	FALSE
-0,005	0,294	-0,001	0,011	0,022	FALSE
-0,081	0,292	-0,002	0,009	0,073	FALSE
0,002	0,302	0,000	0,008	0,022	FALSE
0,009	0,289	0,000	0,008	0,010	FALSE

0,057	0,272	0,001	0,009	0,043	FALSE
0,068	0,285	0,001	0,013	0,043	FALSE
0,073	0,282	0,001	0,009	0,031	FALSE
0,034	0,296	0,000	0,008	0,015	FALSE
0,078	0,275	0,002	0,012	0,060	FALSE
0,083	0,305	0,001	0,007	0,055	FALSE
0,021	0,290	0,001	0,007	0,041	FALSE
-0,006	0,299	0,000	0,012	0,014	FALSE
-0,045	0,280	0,000	0,008	0,011	FALSE
-0,010	0,291	0,000	0,008	0,009	FALSE
-0,057	0,285	-0,001	0,007	0,059	FALSE
0,045	0,297	0,001	0,013	0,039	FALSE
0,073	0,270	0,003	0,010	0,115	FALSE
0,070	0,289	0,002	0,009	0,105	FALSE
-0,015	0,294	-0,001	0,013	0,033	FALSE
-0,022	0,284	-0,002	0,008	0,077	FALSE
0,103	0,301	0,003	0,011	0,117	FALSE
-0,094	0,275	-0,004	0,013	0,126	FALSE
0,028	0,292	0,000	0,008	0,006	FALSE
-0,121	0,296	-0,007	0,013	0,222	FALSE
-0,048	0,299	-0,002	0,010	0,065	FALSE
0,018	0,287	0,000	0,009	0,014	FALSE
0,003	0,286	-0,001	0,008	0,046	FALSE
0,076	0,298	0,001	0,009	0,052	FALSE
0,058	0,291	0,001	0,008	0,035	FALSE
0,057	0,283	0,003	0,007	0,134	FALSE
-0,166	0,271	-0,003	0,007	0,197	FALSE
-0,168	0,281	-0,010	0,013	0,346	FALSE
0,035	0,285	0,000	0,009	0,006	FALSE
-0,170	0,280	-0,004	0,007	0,210	FALSE
-0,101	0,297	-0,003	0,011	0,111	FALSE
-0,058	0,282	-0,003	0,010	0,106	FALSE
0,009	0,297	0,001	0,007	0,036	FALSE
0,061	0,290	0,002	0,012	0,058	FALSE
0,014	0,295	0,001	0,013	0,017	FALSE
0,016	0,304	0,000	0,009	0,019	FALSE
-0,001	0,296	-0,001	0,010	0,044	FALSE
0,033	0,299	0,001	0,011	0,037	FALSE
-0,150	0,282	-0,006	0,010	0,260	FALSE
0,044	0,292	0,001	0,010	0,040	FALSE
0,037	0,275	0,003	0,012	0,098	FALSE
-0,036	0,295	-0,001	0,013	0,026	FALSE
0,086	0,295	0,001	0,007	0,067	FALSE
-0,087	0,290	-0,003	0,007	0,209	FALSE
0,035	0,290	0,003	0,010	0,104	FALSE
0,011	0,300	-0,001	0,007	0,029	FALSE
0,040	0,296	0,002	0,010	0,076	FALSE
-0,021	0,299	-0,001	0,008	0,037	FALSE
0,004	0,310	0,000	0,008	0,013	FALSE
0,056	0,297	0,000	0,009	0,008	FALSE
-0,153	0,298	-0,004	0,010	0,152	FALSE
-0,017	0,291	0,000	0,008	0,007	FALSE
-0,062	0,300	-0,003	0,013	0,095	FALSE

0,041	0,315	0,001	0,010	0,051	FALSE
0,032	0,285	0,001	0,007	0,031	FALSE
-0,015	0,296	-0,001	0,012	0,023	FALSE
0,088	0,281	0,003	0,007	0,176	FALSE
0,081	0,282	0,003	0,007	0,142	FALSE
0,061	0,292	0,002	0,008	0,121	FALSE
-0,013	0,299	-0,001	0,013	0,017	FALSE
0,030	0,298	0,001	0,013	0,040	FALSE
-0,051	0,288	-0,003	0,012	0,088	FALSE
-0,108	0,301	-0,003	0,007	0,170	FALSE
-0,131	0,291	-0,006	0,012	0,201	FALSE
-0,114	0,278	-0,004	0,011	0,136	FALSE
-0,126	0,290	-0,003	0,008	0,169	FALSE
-0,024	0,279	0,000	0,007	0,001	FALSE
0,084	0,290	0,003	0,012	0,107	FALSE
-0,122	0,299	-0,005	0,012	0,151	FALSE
0,109	0,275	0,003	0,007	0,171	FALSE
0,023	0,286	0,002	0,011	0,081	FALSE
-0,055	0,284	-0,001	0,007	0,068	FALSE
-0,005	0,299	0,000	0,013	0,000	FALSE
-0,097	0,295	-0,004	0,012	0,126	FALSE
-0,086	0,294	-0,003	0,012	0,112	FALSE
-0,008	0,291	-0,001	0,009	0,034	FALSE
-0,148	0,279	-0,006	0,013	0,179	FALSE
-0,043	0,284	-0,001	0,008	0,048	FALSE
-0,022	0,281	-0,002	0,009	0,093	FALSE
0,145	0,292	0,006	0,012	0,205	FALSE
-0,036	0,301	-0,001	0,008	0,043	FALSE
0,186	0,294	0,006	0,009	0,296	FALSE
0,080	0,284	0,002	0,013	0,074	FALSE
0,065	0,282	0,002	0,013	0,065	FALSE
-0,024	0,291	-0,002	0,008	0,091	FALSE
-0,012	0,298	-0,001	0,009	0,058	FALSE
-0,003	0,298	-0,001	0,013	0,023	FALSE
-0,069	0,298	-0,002	0,010	0,058	FALSE
0,100	0,292	0,002	0,007	0,091	FALSE
-0,039	0,292	-0,002	0,011	0,057	FALSE
0,061	0,292	0,001	0,010	0,047	FALSE
-0,148	0,265	-0,002	0,011	0,078	FALSE
0,122	0,292	0,002	0,007	0,113	FALSE
0,136	0,274	0,006	0,011	0,237	FALSE
-0,102	0,285	-0,004	0,013	0,114	FALSE
-0,008	0,292	0,000	0,009	0,013	FALSE
-0,003	0,280	0,001	0,008	0,037	FALSE
-0,037	0,296	0,000	0,009	0,016	FALSE
-0,030	0,280	0,000	0,008	0,010	FALSE
-0,097	0,285	-0,003	0,010	0,126	FALSE
0,042	0,280	0,001	0,007	0,066	FALSE
-0,092	0,287	-0,004	0,012	0,123	FALSE
-0,173	0,278	-0,003	0,007	0,177	FALSE
0,039	0,290	0,001	0,011	0,020	FALSE
0,001	0,306	-0,001	0,011	0,025	FALSE
-0,056	0,283	0,000	0,008	0,009	FALSE

-0,148	0,276	-0,005	0,010	0,222	FALSE
-0,041	0,288	0,000	0,008	0,008	FALSE
0,118	0,275	0,002	0,006	0,139	FALSE
0,142	0,290	0,001	0,007	0,072	FALSE
0,047	0,301	0,002	0,011	0,083	FALSE
0,101	0,299	0,002	0,012	0,078	FALSE
-0,097	0,288	-0,003	0,009	0,113	FALSE
0,041	0,283	0,001	0,009	0,048	FALSE
0,023	0,298	0,001	0,009	0,042	FALSE
-0,052	0,292	0,001	0,012	0,019	FALSE
0,101	0,288	0,003	0,008	0,134	FALSE
0,111	0,300	0,005	0,011	0,181	FALSE
-0,114	0,291	-0,002	0,007	0,128	FALSE
0,032	0,279	0,000	0,007	0,016	FALSE
0,050	0,286	0,001	0,006	0,065	FALSE
0,054	0,290	0,001	0,007	0,028	FALSE
0,134	0,295	0,003	0,008	0,168	FALSE
-0,117	0,294	-0,005	0,010	0,202	FALSE
-0,121	0,274	-0,002	0,007	0,116	FALSE
0,072	0,294	0,002	0,006	0,131	FALSE
-0,001	0,289	-0,001	0,007	0,048	FALSE
0,055	0,294	0,002	0,012	0,073	FALSE
0,164	0,293	0,005	0,011	0,202	FALSE
-0,072	0,303	-0,004	0,014	0,116	FALSE
-0,111	0,279	-0,002	0,008	0,077	FALSE
-0,012	0,297	-0,001	0,010	0,019	FALSE
0,022	0,284	0,002	0,007	0,090	FALSE
-0,040	0,282	-0,002	0,007	0,114	FALSE
-0,007	0,285	-0,001	0,006	0,047	FALSE
-0,042	0,294	-0,002	0,010	0,064	FALSE
-0,041	0,286	-0,002	0,007	0,144	FALSE
0,040	0,295	0,002	0,010	0,089	FALSE
-0,092	0,294	-0,004	0,009	0,152	FALSE
0,020	0,292	0,001	0,011	0,019	FALSE
0,090	0,287	0,003	0,011	0,094	FALSE
-0,071	0,297	-0,001	0,007	0,062	FALSE
-0,042	0,288	-0,001	0,007	0,063	FALSE
0,053	0,293	0,001	0,007	0,077	FALSE
-0,158	0,291	-0,005	0,008	0,228	FALSE
-0,130	0,275	-0,006	0,011	0,246	FALSE
0,010	0,285	0,001	0,010	0,037	FALSE
-0,005	0,280	0,001	0,012	0,024	FALSE
-0,011	0,272	0,001	0,012	0,018	FALSE
-0,018	0,270	0,000	0,012	0,011	FALSE
0,000	0,271	0,000	0,012	0,010	FALSE
-0,030	0,280	-0,001	0,012	0,021	FALSE
0,066	0,292	0,003	0,011	0,117	FALSE
0,060	0,285	0,005	0,013	0,134	FALSE
0,162	0,287	0,004	0,007	0,271	FALSE
0,061	0,285	0,001	0,008	0,058	FALSE
-0,187	0,283	-0,003	0,006	0,206	FALSE
-0,061	0,279	-0,003	0,007	0,157	FALSE
-0,015	0,294	0,001	0,011	0,022	FALSE

-0,080	0,294	-0,002	0,006	0,091	FALSE
0,133	0,302	0,003	0,007	0,179	FALSE
0,053	0,285	0,002	0,008	0,120	FALSE
-0,042	0,277	-0,002	0,007	0,118	FALSE
0,029	0,280	0,001	0,008	0,051	FALSE
0,015	0,284	-0,001	0,011	0,021	FALSE
0,036	0,301	0,001	0,007	0,083	FALSE
-0,142	0,291	-0,004	0,007	0,224	FALSE
0,160	0,284	0,004	0,008	0,214	FALSE
0,047	0,291	0,000	0,006	0,003	FALSE
-0,045	0,277	-0,001	0,008	0,054	FALSE
-0,079	0,294	-0,002	0,007	0,106	FALSE
0,101	0,279	0,002	0,012	0,056	FALSE
0,096	0,282	0,002	0,011	0,083	FALSE
0,063	0,301	0,001	0,007	0,080	FALSE
-0,009	0,293	-0,002	0,008	0,090	FALSE
0,041	0,293	0,002	0,009	0,063	FALSE
0,194	0,295	0,005	0,008	0,283	FALSE
0,199	0,284	0,004	0,007	0,263	FALSE
-0,069	0,293	-0,003	0,013	0,098	FALSE
-0,018	0,272	-0,001	0,010	0,025	FALSE
0,025	0,297	0,002	0,011	0,052	FALSE
-0,118	0,278	-0,004	0,009	0,192	FALSE
-0,108	0,284	-0,002	0,011	0,084	FALSE
-0,078	0,301	-0,002	0,013	0,063	FALSE
0,034	0,276	0,001	0,008	0,024	FALSE
-0,059	0,297	-0,002	0,011	0,081	FALSE
0,189	0,287	0,004	0,007	0,258	FALSE
0,080	0,280	0,004	0,009	0,152	FALSE
0,076	0,300	0,001	0,008	0,027	FALSE
-0,018	0,283	-0,001	0,007	0,067	FALSE
-0,034	0,298	0,000	0,010	0,002	FALSE
-0,032	0,294	0,000	0,009	0,010	FALSE
0,094	0,298	0,002	0,009	0,074	FALSE
0,023	0,312	0,001	0,007	0,067	FALSE
0,047	0,300	0,001	0,008	0,026	FALSE
0,045	0,313	0,001	0,008	0,027	FALSE
-0,086	0,298	-0,001	0,011	0,045	FALSE
0,003	0,293	-0,001	0,012	0,027	FALSE
0,068	0,292	0,001	0,008	0,043	FALSE
-0,192	0,284	-0,005	0,008	0,267	FALSE
0,191	0,273	0,004	0,006	0,300	FALSE
-0,149	0,299	-0,004	0,009	0,170	FALSE
0,023	0,302	0,001	0,010	0,053	FALSE
0,035	0,270	-0,001	0,012	0,045	FALSE
-0,009	0,290	-0,001	0,007	0,026	FALSE
0,068	0,283	0,001	0,010	0,036	FALSE
0,083	0,296	0,003	0,008	0,137	FALSE
-0,025	0,302	-0,001	0,007	0,030	FALSE
-0,135	0,269	-0,002	0,007	0,105	FALSE
-0,070	0,285	-0,001	0,012	0,038	FALSE
0,063	0,281	0,003	0,008	0,170	FALSE
0,052	0,281	0,001	0,007	0,085	FALSE

0,043	0,284	0,000	0,007	0,009	FALSE
-0,013	0,287	-0,002	0,012	0,062	FALSE
-0,093	0,288	-0,004	0,011	0,123	FALSE
-0,031	0,283	-0,003	0,012	0,095	FALSE
0,082	0,291	0,002	0,009	0,086	FALSE
-0,127	0,292	-0,002	0,009	0,081	FALSE
0,077	0,293	0,001	0,007	0,056	FALSE
-0,117	0,280	-0,001	0,009	0,055	FALSE
0,029	0,293	0,000	0,010	0,000	FALSE
0,049	0,293	0,001	0,013	0,023	FALSE
-0,089	0,284	-0,002	0,008	0,114	FALSE
0,068	0,289	0,002	0,007	0,138	FALSE
0,053	0,286	0,003	0,008	0,140	FALSE
-0,057	0,289	-0,001	0,007	0,076	FALSE
0,056	0,280	0,002	0,008	0,116	FALSE
-0,012	0,280	0,001	0,009	0,022	FALSE
-0,036	0,290	0,000	0,011	0,007	FALSE
-0,018	0,293	-0,002	0,007	0,082	FALSE
0,009	0,271	0,002	0,013	0,050	FALSE
-0,024	0,290	0,000	0,010	0,016	FALSE
0,008	0,272	-0,002	0,012	0,047	FALSE
0,000	0,286	0,000	0,012	0,002	FALSE
-0,007	0,285	0,000	0,009	0,001	FALSE
0,141	0,281	0,004	0,007	0,282	FALSE
0,084	0,292	0,002	0,007	0,101	FALSE
0,106	0,286	0,003	0,009	0,134	FALSE
0,105	0,285	0,002	0,013	0,068	FALSE
0,116	0,288	0,003	0,010	0,094	FALSE
-0,012	0,288	-0,001	0,008	0,026	FALSE
0,027	0,288	0,002	0,009	0,073	FALSE
-0,087	0,293	-0,005	0,012	0,168	FALSE
0,086	0,287	0,002	0,013	0,051	FALSE
-0,013	0,292	-0,002	0,010	0,069	FALSE
-0,063	0,285	-0,002	0,007	0,089	FALSE
-0,134	0,280	-0,004	0,011	0,126	FALSE
0,152	0,287	0,004	0,010	0,186	FALSE
-0,064	0,282	0,000	0,013	0,001	FALSE
-0,061	0,280	-0,002	0,011	0,075	FALSE
0,126	0,294	0,004	0,010	0,154	FALSE
0,123	0,281	0,002	0,006	0,101	FALSE
0,238	0,271	0,007	0,010	0,290	FALSE
0,253	0,279	0,007	0,011	0,295	FALSE
-0,074	0,297	-0,002	0,007	0,086	FALSE
-0,018	0,282	0,003	0,012	0,094	FALSE
0,021	0,301	0,001	0,007	0,050	FALSE
-0,114	0,295	-0,004	0,011	0,154	FALSE
0,135	0,291	0,005	0,012	0,179	FALSE
-0,018	0,285	0,000	0,006	0,012	FALSE
-0,034	0,305	-0,001	0,012	0,034	FALSE
-0,046	0,293	-0,002	0,007	0,115	FALSE
0,065	0,289	0,002	0,008	0,075	FALSE
0,050	0,286	0,001	0,009	0,056	FALSE
0,039	0,286	0,001	0,008	0,046	FALSE

-0,224	0,283	-0,009	0,012	0,322	FALSE
0,043	0,287	0,002	0,010	0,071	FALSE
0,095	0,287	0,001	0,007	0,076	FALSE
0,021	0,293	0,002	0,008	0,100	FALSE
0,093	0,289	0,002	0,010	0,059	FALSE
0,053	0,283	0,002	0,008	0,127	FALSE
0,156	0,284	0,004	0,010	0,144	FALSE
0,099	0,287	0,001	0,008	0,067	FALSE
-0,019	0,299	-0,001	0,009	0,045	FALSE
0,132	0,286	0,003	0,011	0,109	FALSE
0,104	0,291	0,002	0,008	0,107	FALSE
0,043	0,304	0,000	0,011	0,016	FALSE
0,018	0,288	0,000	0,007	0,015	FALSE
0,036	0,292	0,000	0,008	0,003	FALSE
-0,068	0,281	-0,003	0,008	0,140	FALSE
0,060	0,277	0,001	0,007	0,062	FALSE
-0,042	0,300	-0,001	0,011	0,021	FALSE
0,086	0,298	0,004	0,010	0,159	FALSE
0,104	0,281	0,005	0,011	0,180	FALSE
-0,182	0,287	-0,007	0,011	0,267	FALSE
0,106	0,293	0,004	0,013	0,120	FALSE
-0,105	0,292	-0,002	0,007	0,131	FALSE
0,141	0,273	0,005	0,013	0,175	FALSE
0,099	0,278	0,004	0,012	0,137	FALSE
0,048	0,294	0,002	0,013	0,059	FALSE
0,050	0,300	0,001	0,009	0,052	FALSE
-0,184	0,281	-0,005	0,010	0,200	FALSE
0,185	0,291	0,006	0,010	0,257	FALSE
0,037	0,286	0,002	0,011	0,069	FALSE
0,033	0,296	0,002	0,007	0,094	FALSE
0,084	0,289	0,002	0,007	0,136	FALSE
-0,152	0,284	-0,004	0,008	0,191	FALSE
-0,011	0,290	-0,002	0,010	0,086	FALSE
-0,004	0,308	-0,002	0,009	0,072	FALSE
0,025	0,287	-0,001	0,008	0,036	FALSE
0,129	0,296	0,005	0,009	0,238	FALSE
0,038	0,293	0,000	0,009	0,003	FALSE
-0,218	0,283	-0,008	0,011	0,340	FALSE
0,039	0,306	0,001	0,007	0,035	FALSE
-0,094	0,286	-0,001	0,011	0,047	FALSE
0,056	0,289	0,001	0,010	0,045	FALSE
-0,039	0,291	-0,004	0,012	0,116	FALSE
0,050	0,287	0,004	0,010	0,166	FALSE
0,117	0,280	0,006	0,009	0,298	FALSE
0,074	0,294	0,001	0,007	0,057	FALSE
0,072	0,298	0,003	0,013	0,092	FALSE
0,054	0,287	0,001	0,013	0,021	FALSE
0,062	0,291	-0,001	0,013	0,016	FALSE
0,063	0,288	0,000	0,012	0,004	FALSE
0,008	0,293	0,001	0,010	0,052	FALSE
0,026	0,283	-0,001	0,012	0,044	FALSE
0,005	0,295	0,000	0,006	0,007	FALSE
0,062	0,307	0,004	0,014	0,117	FALSE

-0,022	0,291	-0,001	0,012	0,025	FALSE
0,062	0,266	0,001	0,012	0,037	FALSE
0,076	0,277	0,002	0,013	0,047	FALSE
0,082	0,288	0,004	0,011	0,140	FALSE
-0,067	0,280	-0,001	0,006	0,070	FALSE
-0,084	0,286	-0,003	0,007	0,184	FALSE
0,151	0,295	0,005	0,008	0,227	FALSE
-0,173	0,293	-0,005	0,010	0,183	FALSE
0,070	0,298	0,003	0,013	0,078	FALSE
-0,109	0,277	-0,002	0,007	0,095	FALSE
-0,035	0,285	-0,001	0,012	0,036	FALSE
0,013	0,301	0,000	0,012	0,015	FALSE
0,160	0,284	0,006	0,012	0,220	FALSE
-0,018	0,301	0,000	0,006	0,011	FALSE
-0,011	0,291	-0,001	0,010	0,020	FALSE
0,041	0,287	0,003	0,013	0,103	FALSE
0,055	0,282	0,000	0,007	0,008	FALSE
-0,021	0,285	-0,002	0,010	0,060	FALSE
-0,018	0,291	0,000	0,009	0,008	FALSE
-0,045	0,298	0,000	0,010	0,013	FALSE
-0,029	0,292	-0,003	0,010	0,105	FALSE
0,066	0,284	0,001	0,013	0,034	FALSE
0,056	0,275	0,000	0,007	0,018	FALSE
0,067	0,295	0,001	0,008	0,054	FALSE
0,045	0,285	0,001	0,007	0,032	FALSE
-0,123	0,285	-0,004	0,011	0,169	FALSE
0,047	0,293	0,001	0,011	0,038	FALSE
-0,042	0,305	0,000	0,009	0,010	FALSE
-0,077	0,297	-0,003	0,012	0,089	FALSE
0,075	0,288	0,001	0,010	0,036	FALSE
0,020	0,296	-0,001	0,012	0,018	FALSE
0,066	0,284	0,002	0,006	0,136	FALSE
0,120	0,282	0,003	0,006	0,206	FALSE
0,083	0,275	0,001	0,009	0,060	FALSE
0,003	0,288	0,000	0,012	0,015	FALSE
-0,233	0,272	-0,005	0,007	0,353	FALSE
-0,026	0,303	-0,002	0,012	0,065	FALSE
-0,067	0,277	-0,004	0,008	0,184	FALSE
-0,001	0,294	-0,001	0,013	0,031	FALSE
-0,026	0,290	-0,001	0,013	0,023	FALSE
-0,064	0,297	-0,001	0,007	0,065	FALSE
-0,089	0,290	-0,002	0,007	0,138	FALSE
-0,039	0,305	-0,003	0,010	0,099	FALSE
-0,107	0,294	-0,002	0,008	0,115	FALSE
-0,030	0,312	-0,002	0,009	0,086	FALSE
0,065	0,292	0,002	0,007	0,098	FALSE
-0,017	0,297	-0,001	0,010	0,028	FALSE
-0,065	0,274	-0,002	0,010	0,069	FALSE
-0,096	0,286	-0,002	0,009	0,091	FALSE
0,107	0,298	0,002	0,006	0,146	FALSE
-0,021	0,301	-0,001	0,010	0,024	FALSE
-0,109	0,291	-0,004	0,010	0,162	FALSE
-0,040	0,285	-0,001	0,010	0,032	FALSE

-0,050	0,293	-0,003	0,012	0,103	FALSE
0,105	0,282	0,001	0,006	0,080	FALSE
-0,148	0,281	-0,005	0,011	0,181	FALSE
-0,084	0,281	-0,001	0,008	0,060	FALSE
0,105	0,289	0,002	0,006	0,133	FALSE
0,006	0,292	0,000	0,012	0,007	FALSE
0,017	0,287	0,001	0,009	0,043	FALSE
-0,027	0,286	0,001	0,009	0,022	FALSE
0,019	0,287	0,002	0,012	0,051	FALSE
-0,047	0,290	-0,001	0,009	0,057	FALSE
0,009	0,292	0,000	0,008	0,014	FALSE
0,104	0,277	0,003	0,006	0,196	FALSE
0,050	0,294	0,002	0,008	0,084	FALSE
-0,025	0,301	-0,001	0,008	0,058	FALSE
0,002	0,290	-0,001	0,008	0,038	FALSE
-0,058	0,293	-0,003	0,012	0,082	FALSE
-0,157	0,300	-0,006	0,011	0,215	FALSE
-0,041	0,296	-0,002	0,008	0,071	FALSE
-0,051	0,299	-0,002	0,009	0,086	FALSE
-0,107	0,289	-0,005	0,012	0,166	FALSE
0,016	0,291	0,001	0,009	0,036	FALSE
0,163	0,298	0,003	0,006	0,199	FALSE
-0,028	0,293	0,001	0,010	0,037	FALSE
0,102	0,279	0,002	0,012	0,051	FALSE
-0,087	0,299	-0,002	0,012	0,047	FALSE
-0,142	0,282	-0,003	0,008	0,146	FALSE
-0,049	0,293	-0,002	0,007	0,133	FALSE
0,059	0,303	0,001	0,009	0,063	FALSE
0,029	0,290	0,000	0,011	0,013	FALSE
0,039	0,285	0,000	0,011	0,013	FALSE
-0,008	0,280	-0,001	0,007	0,050	FALSE
0,057	0,290	0,001	0,011	0,049	FALSE
-0,027	0,294	-0,002	0,009	0,083	FALSE
0,159	0,288	0,004	0,007	0,259	FALSE
-0,016	0,288	-0,001	0,011	0,019	FALSE
0,127	0,274	0,004	0,010	0,156	FALSE
-0,199	0,275	-0,004	0,007	0,212	FALSE
0,203	0,277	0,005	0,006	0,337	FALSE
0,069	0,294	0,001	0,010	0,024	FALSE
-0,194	0,280	-0,005	0,007	0,318	FALSE
0,063	0,294	0,001	0,008	0,067	FALSE
0,046	0,293	0,001	0,007	0,025	FALSE
-0,032	0,261	0,004	0,012	0,112	FALSE
-0,053	0,290	0,000	0,007	0,008	FALSE
-0,018	0,287	-0,001	0,009	0,028	FALSE
-0,083	0,296	-0,002	0,007	0,086	FALSE
-0,001	0,278	0,000	0,006	0,005	FALSE
0,017	0,292	0,001	0,008	0,034	FALSE
-0,018	0,292	0,000	0,010	0,002	FALSE
-0,122	0,288	-0,005	0,012	0,155	FALSE
-0,058	0,289	-0,002	0,012	0,062	FALSE
-0,032	0,306	0,000	0,010	0,010	FALSE
0,041	0,281	0,001	0,009	0,048	FALSE

-0,012	0,285	0,000	0,006	0,019	FALSE
-0,031	0,305	0,000	0,009	0,003	FALSE
-0,045	0,303	-0,001	0,011	0,020	FALSE
-0,062	0,271	-0,001	0,010	0,023	FALSE
0,031	0,285	0,001	0,008	0,039	FALSE
-0,119	0,275	-0,002	0,006	0,119	FALSE
-0,044	0,293	-0,002	0,012	0,075	FALSE
0,020	0,292	-0,001	0,013	0,041	FALSE
0,202	0,291	0,004	0,007	0,250	FALSE
0,173	0,299	0,003	0,006	0,216	FALSE
0,056	0,293	0,001	0,007	0,032	FALSE
0,188	0,284	0,003	0,007	0,198	FALSE
-0,157	0,263	-0,007	0,013	0,229	FALSE
0,013	0,296	0,001	0,013	0,040	FALSE
0,142	0,297	0,006	0,013	0,189	FALSE
0,139	0,288	0,006	0,013	0,195	FALSE
0,135	0,282	0,006	0,013	0,192	FALSE
0,122	0,285	0,006	0,013	0,182	FALSE
-0,072	0,291	-0,001	0,007	0,044	FALSE
0,002	0,286	-0,001	0,007	0,051	FALSE
-0,069	0,292	0,000	0,007	0,007	FALSE
-0,061	0,283	-0,002	0,007	0,078	FALSE
-0,032	0,284	-0,001	0,008	0,029	FALSE
-0,086	0,292	-0,002	0,012	0,075	FALSE
0,076	0,294	0,003	0,012	0,092	FALSE
0,079	0,289	0,001	0,007	0,072	FALSE
0,082	0,292	0,001	0,007	0,063	FALSE
0,055	0,278	0,000	0,007	0,018	FALSE
-0,004	0,289	0,001	0,008	0,047	FALSE
-0,071	0,292	-0,004	0,012	0,131	FALSE
-0,091	0,287	-0,003	0,008	0,180	FALSE
-0,009	0,296	0,000	0,006	0,020	FALSE
0,221	0,283	0,007	0,009	0,385	FALSE
-0,039	0,278	-0,003	0,009	0,117	FALSE
-0,037	0,297	-0,003	0,010	0,117	FALSE
0,006	0,308	0,000	0,010	0,008	FALSE
0,049	0,288	0,000	0,006	0,025	FALSE
-0,002	0,279	0,000	0,011	0,004	FALSE
0,025	0,284	0,001	0,012	0,017	FALSE
-0,051	0,272	-0,001	0,011	0,026	FALSE
0,045	0,303	0,001	0,008	0,038	FALSE
-0,037	0,292	0,000	0,007	0,010	FALSE
0,046	0,291	0,001	0,012	0,015	FALSE
-0,033	0,287	0,000	0,008	0,003	FALSE
0,089	0,287	0,003	0,008	0,131	FALSE
-0,069	0,295	-0,002	0,007	0,089	FALSE
0,039	0,284	0,001	0,008	0,042	FALSE
-0,062	0,286	-0,002	0,007	0,078	FALSE
-0,029	0,292	-0,001	0,007	0,049	FALSE
-0,017	0,284	0,002	0,010	0,092	FALSE
0,138	0,289	0,003	0,008	0,138	FALSE
-0,053	0,268	-0,001	0,007	0,083	FALSE
0,022	0,283	0,001	0,009	0,039	FALSE

0,029	0,279	0,001	0,009	0,055	FALSE
0,042	0,294	0,000	0,009	0,005	FALSE
-0,121	0,285	-0,003	0,007	0,154	FALSE
-0,153	0,276	-0,005	0,009	0,220	FALSE
0,092	0,283	0,003	0,009	0,131	FALSE
-0,027	0,286	-0,001	0,008	0,034	FALSE
0,007	0,271	0,000	0,013	0,002	FALSE
-0,095	0,281	-0,004	0,012	0,142	FALSE
-0,078	0,287	-0,003	0,007	0,140	FALSE
0,022	0,293	0,001	0,009	0,031	FALSE
0,002	0,281	0,002	0,012	0,074	FALSE
0,041	0,301	-0,001	0,010	0,022	FALSE
0,063	0,289	0,003	0,013	0,093	FALSE
0,075	0,283	0,004	0,013	0,136	FALSE
0,082	0,284	0,005	0,013	0,149	FALSE
0,035	0,290	0,002	0,013	0,059	FALSE
0,011	0,289	0,002	0,013	0,062	FALSE
-0,140	0,292	-0,004	0,008	0,192	FALSE
0,105	0,290	0,002	0,007	0,109	FALSE
0,053	0,292	0,003	0,012	0,085	FALSE
0,090	0,290	0,004	0,011	0,136	FALSE
0,107	0,276	0,004	0,010	0,154	FALSE
0,109	0,289	0,003	0,008	0,143	FALSE
-0,065	0,301	-0,002	0,011	0,059	FALSE
-0,012	0,285	-0,001	0,007	0,076	FALSE
0,004	0,302	0,000	0,013	0,008	FALSE
0,005	0,279	0,000	0,009	0,001	FALSE
0,065	0,293	0,003	0,012	0,098	FALSE
-0,244	0,265	-0,005	0,007	0,314	FALSE
0,127	0,283	0,003	0,012	0,086	FALSE
-0,057	0,283	-0,003	0,009	0,114	FALSE
-0,069	0,291	-0,002	0,011	0,080	FALSE
-0,110	0,289	-0,003	0,009	0,133	FALSE
-0,175	0,283	-0,005	0,008	0,242	FALSE
0,001	0,289	0,000	0,013	0,002	FALSE
0,014	0,285	0,000	0,007	0,019	FALSE
0,060	0,300	0,000	0,010	0,009	FALSE
-0,100	0,289	-0,003	0,010	0,142	FALSE
0,069	0,280	0,003	0,010	0,110	FALSE
-0,134	0,286	-0,004	0,009	0,199	FALSE
0,008	0,301	0,001	0,010	0,017	FALSE
0,080	0,299	0,002	0,009	0,072	FALSE
0,109	0,289	0,005	0,012	0,162	FALSE
-0,080	0,286	-0,002	0,010	0,082	FALSE
-0,212	0,268	-0,007	0,010	0,283	FALSE
0,008	0,300	0,000	0,009	0,002	FALSE
0,035	0,300	0,000	0,013	0,010	FALSE
0,073	0,292	0,000	0,008	0,014	FALSE
0,061	0,292	0,001	0,011	0,030	FALSE
-0,089	0,291	-0,001	0,007	0,048	FALSE
0,068	0,296	0,001	0,007	0,059	FALSE
-0,109	0,289	-0,002	0,007	0,119	FALSE
0,079	0,278	0,002	0,007	0,122	FALSE

0,054	0,290	0,001	0,007	0,075	FALSE
-0,012	0,285	-0,001	0,007	0,075	FALSE
0,110	0,285	0,003	0,007	0,162	FALSE
0,171	0,273	0,004	0,007	0,249	FALSE
0,061	0,299	0,003	0,013	0,073	FALSE
-0,132	0,280	-0,002	0,009	0,105	FALSE
-0,128	0,289	-0,002	0,009	0,086	FALSE
0,002	0,293	0,002	0,012	0,056	FALSE
-0,052	0,283	-0,001	0,008	0,052	FALSE
0,096	0,281	0,005	0,011	0,205	FALSE
0,102	0,277	0,006	0,011	0,215	FALSE
-0,059	0,281	-0,001	0,008	0,049	FALSE
0,097	0,285	0,004	0,012	0,148	FALSE
-0,012	0,289	0,000	0,007	0,023	FALSE
-0,026	0,289	-0,001	0,009	0,047	FALSE
-0,116	0,282	-0,004	0,010	0,188	FALSE
-0,012	0,287	-0,001	0,008	0,067	FALSE
-0,074	0,299	-0,003	0,013	0,079	FALSE
0,079	0,283	0,002	0,008	0,112	FALSE
-0,030	0,287	-0,003	0,009	0,103	FALSE
-0,113	0,295	-0,005	0,013	0,159	FALSE
-0,082	0,290	-0,001	0,007	0,053	FALSE
0,012	0,286	0,001	0,009	0,025	FALSE
0,147	0,281	0,004	0,007	0,269	FALSE
0,073	0,289	0,000	0,007	0,009	FALSE
0,020	0,287	0,000	0,013	0,009	FALSE
0,028	0,286	0,003	0,013	0,074	FALSE
0,092	0,307	0,002	0,008	0,097	FALSE
0,030	0,289	0,002	0,007	0,111	FALSE
0,128	0,299	0,003	0,009	0,113	FALSE
0,001	0,301	-0,001	0,007	0,050	FALSE
-0,142	0,294	-0,004	0,009	0,171	FALSE
0,009	0,297	-0,002	0,011	0,050	FALSE
0,142	0,292	0,006	0,013	0,207	FALSE
-0,139	0,303	-0,004	0,009	0,189	FALSE
-0,086	0,297	-0,002	0,008	0,086	FALSE
0,051	0,298	0,002	0,007	0,103	FALSE
-0,019	0,299	-0,002	0,007	0,116	FALSE
-0,088	0,293	-0,003	0,007	0,153	FALSE
0,049	0,294	0,001	0,012	0,044	FALSE
0,029	0,294	0,001	0,012	0,043	FALSE
0,132	0,300	0,002	0,006	0,158	FALSE
0,059	0,303	0,002	0,011	0,055	FALSE
0,169	0,287	0,006	0,012	0,209	FALSE
0,146	0,283	0,005	0,012	0,159	FALSE
-0,011	0,299	-0,001	0,007	0,031	FALSE
0,029	0,279	0,000	0,008	0,003	FALSE
-0,002	0,291	0,000	0,008	0,011	FALSE
0,023	0,294	0,002	0,011	0,070	FALSE
-0,072	0,280	0,000	0,009	0,008	FALSE
0,096	0,292	0,003	0,013	0,093	FALSE
-0,028	0,290	-0,002	0,010	0,088	FALSE
0,026	0,298	0,003	0,013	0,078	FALSE

0,010	0,301	0,001	0,012	0,026	FALSE
0,044	0,287	0,002	0,010	0,079	FALSE
-0,046	0,291	-0,002	0,008	0,088	FALSE
0,089	0,297	0,002	0,007	0,105	FALSE
-0,072	0,291	-0,003	0,013	0,092	FALSE
0,046	0,297	0,000	0,008	0,013	FALSE
-0,070	0,286	-0,002	0,008	0,100	FALSE
0,067	0,275	0,004	0,012	0,121	FALSE
-0,076	0,295	-0,003	0,012	0,095	FALSE
-0,027	0,281	0,001	0,009	0,028	FALSE
-0,041	0,270	-0,003	0,010	0,129	FALSE
-0,131	0,286	-0,004	0,008	0,201	FALSE
0,080	0,284	0,002	0,007	0,102	FALSE
0,056	0,289	0,001	0,008	0,055	FALSE
0,021	0,303	0,000	0,010	0,013	FALSE
-0,023	0,276	-0,001	0,010	0,021	FALSE
-0,036	0,288	-0,001	0,012	0,023	FALSE
0,017	0,283	0,000	0,007	0,007	FALSE
-0,014	0,290	-0,001	0,007	0,028	FALSE
-0,173	0,295	-0,007	0,013	0,228	FALSE
-0,024	0,295	-0,001	0,007	0,026	FALSE
0,095	0,287	0,004	0,011	0,130	FALSE
0,019	0,278	-0,001	0,012	0,016	FALSE
-0,138	0,285	-0,005	0,011	0,196	FALSE
-0,210	0,262	-0,010	0,013	0,346	FALSE
-0,092	0,277	-0,001	0,008	0,059	FALSE
0,100	0,275	0,003	0,009	0,132	FALSE
-0,013	0,287	0,000	0,007	0,017	FALSE
0,147	0,280	0,006	0,011	0,225	FALSE
0,109	0,288	0,004	0,009	0,152	FALSE
-0,019	0,289	-0,001	0,008	0,024	FALSE
0,130	0,285	0,004	0,007	0,215	FALSE
0,069	0,299	0,004	0,012	0,126	FALSE
-0,032	0,289	-0,002	0,010	0,061	FALSE
-0,054	0,301	-0,001	0,008	0,041	FALSE
0,043	0,290	0,000	0,009	0,016	FALSE
-0,047	0,299	-0,001	0,006	0,047	FALSE
0,032	0,282	0,001	0,009	0,040	FALSE
0,064	0,303	0,002	0,008	0,083	FALSE
-0,087	0,274	-0,004	0,011	0,132	FALSE
-0,029	0,281	0,000	0,012	0,009	FALSE
-0,036	0,289	-0,001	0,007	0,030	FALSE
-0,035	0,301	-0,001	0,008	0,041	FALSE
0,078	0,275	0,001	0,010	0,034	FALSE
-0,086	0,289	-0,001	0,006	0,046	FALSE
0,182	0,276	0,005	0,008	0,293	FALSE
0,106	0,287	0,007	0,012	0,225	FALSE
0,081	0,299	0,005	0,013	0,153	FALSE
0,124	0,279	0,006	0,012	0,196	FALSE
0,151	0,272	0,007	0,010	0,306	FALSE
0,005	0,288	0,000	0,007	0,006	FALSE
-0,049	0,293	-0,002	0,013	0,050	FALSE
0,084	0,292	0,002	0,007	0,145	FALSE

-0,005	0,293	-0,001	0,010	0,022	FALSE
0,110	0,287	0,001	0,007	0,077	FALSE
0,163	0,288	0,002	0,008	0,104	FALSE
0,083	0,288	0,000	0,008	0,004	FALSE
0,121	0,291	0,003	0,007	0,167	FALSE
0,114	0,287	0,000	0,008	0,018	FALSE
0,061	0,297	0,001	0,007	0,066	FALSE
-0,152	0,276	-0,004	0,011	0,134	FALSE
-0,163	0,295	-0,004	0,012	0,144	FALSE
0,161	0,284	0,006	0,012	0,216	FALSE
-0,168	0,280	-0,005	0,011	0,192	FALSE
-0,081	0,286	-0,001	0,007	0,055	FALSE
-0,075	0,298	-0,004	0,010	0,143	FALSE
0,107	0,276	0,002	0,010	0,067	FALSE
0,042	0,287	0,001	0,012	0,030	FALSE
0,060	0,292	0,001	0,006	0,042	FALSE
-0,043	0,297	-0,002	0,012	0,053	FALSE
0,117	0,289	0,004	0,008	0,176	FALSE
0,130	0,281	0,004	0,008	0,225	FALSE
-0,038	0,284	0,000	0,006	0,010	FALSE
-0,012	0,291	0,002	0,010	0,055	FALSE
0,107	0,282	0,002	0,013	0,050	FALSE
-0,040	0,297	0,000	0,010	0,015	FALSE
-0,032	0,297	0,000	0,011	0,015	FALSE
-0,206	0,280	-0,007	0,013	0,254	FALSE
0,159	0,278	0,004	0,008	0,234	FALSE
0,066	0,296	0,001	0,011	0,021	FALSE
0,090	0,291	0,002	0,007	0,107	FALSE
0,125	0,299	0,004	0,013	0,134	FALSE
0,082	0,275	0,003	0,007	0,168	FALSE
0,080	0,287	0,000	0,008	0,014	FALSE
-0,149	0,293	-0,002	0,006	0,155	FALSE
-0,100	0,288	-0,004	0,009	0,166	FALSE
0,013	0,290	-0,001	0,012	0,032	FALSE
-0,058	0,279	-0,002	0,009	0,087	FALSE
-0,085	0,288	-0,003	0,009	0,129	FALSE
0,059	0,288	0,002	0,008	0,091	FALSE
-0,031	0,286	-0,001	0,013	0,015	FALSE
0,046	0,306	0,003	0,013	0,100	FALSE
-0,058	0,302	-0,004	0,010	0,141	FALSE
-0,057	0,274	-0,004	0,010	0,143	FALSE
-0,029	0,290	-0,001	0,008	0,030	FALSE
-0,021	0,291	0,001	0,007	0,026	FALSE
-0,021	0,285	0,001	0,007	0,036	FALSE
-0,064	0,289	0,000	0,009	0,010	FALSE
-0,144	0,285	-0,004	0,009	0,166	FALSE
0,047	0,293	0,000	0,008	0,003	FALSE
0,056	0,289	0,001	0,009	0,031	FALSE
0,104	0,296	0,003	0,011	0,096	FALSE
0,112	0,300	0,003	0,011	0,105	FALSE
-0,001	0,299	-0,001	0,009	0,033	FALSE
0,058	0,298	0,003	0,013	0,091	FALSE
-0,060	0,296	-0,001	0,007	0,036	FALSE

-0,027	0,293	-0,002	0,009	0,088	FALSE
-0,033	0,293	-0,001	0,007	0,042	FALSE
0,046	0,286	0,002	0,009	0,078	FALSE
0,017	0,302	0,002	0,012	0,049	FALSE
-0,011	0,300	0,000	0,011	0,001	FALSE
0,040	0,300	0,002	0,012	0,061	FALSE
0,026	0,296	0,002	0,012	0,048	FALSE
0,015	0,303	0,001	0,007	0,062	FALSE
0,003	0,281	-0,001	0,013	0,025	FALSE
0,035	0,289	0,000	0,013	0,006	FALSE
-0,047	0,300	-0,001	0,008	0,028	FALSE
-0,074	0,293	-0,001	0,009	0,054	FALSE
0,062	0,300	0,002	0,006	0,095	FALSE
-0,022	0,300	-0,001	0,007	0,049	FALSE
0,077	0,295	0,004	0,009	0,161	FALSE
0,089	0,284	0,001	0,008	0,052	FALSE
0,043	0,303	0,000	0,006	0,012	FALSE
0,024	0,285	0,000	0,006	0,023	FALSE
0,028	0,289	0,001	0,008	0,050	FALSE
-0,097	0,290	-0,004	0,012	0,152	FALSE
-0,132	0,280	-0,002	0,006	0,162	FALSE
-0,003	0,300	0,000	0,006	0,006	FALSE
0,091	0,289	0,002	0,007	0,127	FALSE
-0,107	0,290	-0,003	0,012	0,116	FALSE
-0,125	0,284	-0,002	0,007	0,096	FALSE
-0,008	0,280	-0,001	0,006	0,070	FALSE
0,110	0,294	0,003	0,007	0,201	FALSE
0,161	0,287	0,003	0,007	0,140	FALSE
0,039	0,295	0,003	0,012	0,096	FALSE
-0,002	0,294	0,000	0,012	0,015	FALSE
-0,011	0,289	0,001	0,013	0,036	FALSE
-0,080	0,280	-0,005	0,012	0,169	FALSE
0,126	0,267	0,004	0,007	0,272	FALSE
0,102	0,294	0,002	0,009	0,105	FALSE
-0,039	0,294	-0,001	0,006	0,039	FALSE
0,042	0,294	0,003	0,011	0,100	FALSE
-0,086	0,293	-0,003	0,008	0,174	FALSE
-0,101	0,285	-0,003	0,008	0,179	FALSE
-0,030	0,292	-0,002	0,012	0,052	FALSE
-0,087	0,299	-0,003	0,010	0,124	FALSE
0,074	0,293	0,001	0,006	0,048	FALSE
-0,018	0,294	-0,001	0,009	0,052	FALSE
-0,021	0,304	0,001	0,013	0,017	FALSE
0,020	0,266	-0,001	0,011	0,031	FALSE
-0,026	0,289	-0,001	0,006	0,044	FALSE
0,034	0,284	0,000	0,012	0,000	FALSE
0,122	0,284	0,006	0,012	0,215	FALSE
-0,050	0,289	-0,002	0,006	0,124	FALSE
-0,038	0,286	-0,003	0,011	0,095	FALSE
0,025	0,306	-0,001	0,012	0,023	FALSE
0,032	0,291	0,000	0,010	0,015	FALSE
0,044	0,303	0,000	0,011	0,005	FALSE
-0,020	0,280	0,000	0,012	0,013	FALSE

0,049	0,286	0,000	0,006	0,023	FALSE
-0,065	0,297	-0,003	0,011	0,103	FALSE
-0,003	0,299	0,001	0,013	0,017	FALSE
0,037	0,278	0,000	0,009	0,014	FALSE
0,067	0,295	0,001	0,013	0,035	FALSE
-0,087	0,286	-0,006	0,012	0,227	FALSE
-0,063	0,294	-0,002	0,009	0,070	FALSE
0,080	0,291	0,002	0,012	0,045	FALSE
0,021	0,283	-0,001	0,006	0,042	FALSE
0,050	0,285	0,004	0,012	0,121	FALSE
-0,035	0,279	-0,001	0,011	0,032	FALSE
0,124	0,297	0,002	0,007	0,125	FALSE
0,186	0,282	0,008	0,013	0,260	FALSE
0,141	0,281	0,004	0,013	0,135	FALSE
0,069	0,293	0,001	0,007	0,068	FALSE
0,045	0,281	0,001	0,009	0,023	FALSE
-0,004	0,280	0,001	0,009	0,039	FALSE
0,056	0,290	0,001	0,010	0,021	FALSE
-0,033	0,298	-0,003	0,011	0,084	FALSE
-0,060	0,294	-0,001	0,007	0,053	FALSE
-0,011	0,292	0,000	0,007	0,017	FALSE
0,045	0,298	0,003	0,009	0,106	FALSE
0,006	0,293	0,000	0,009	0,008	FALSE
0,160	0,282	0,004	0,007	0,253	FALSE
0,164	0,282	0,004	0,007	0,254	FALSE
0,094	0,299	0,001	0,007	0,060	FALSE
-0,159	0,270	-0,004	0,007	0,246	FALSE
0,144	0,284	0,008	0,013	0,256	FALSE
0,162	0,295	0,008	0,014	0,273	FALSE
0,055	0,285	0,001	0,007	0,041	FALSE
0,052	0,291	0,005	0,012	0,171	FALSE
0,108	0,284	0,004	0,010	0,182	FALSE
0,196	0,294	0,004	0,006	0,280	FALSE
0,012	0,288	0,002	0,009	0,064	FALSE
0,080	0,285	0,002	0,008	0,071	FALSE
-0,140	0,289	-0,003	0,007	0,152	FALSE
0,012	0,301	0,001	0,011	0,037	FALSE
-0,069	0,277	-0,004	0,011	0,129	FALSE
-0,087	0,275	-0,004	0,011	0,163	FALSE
-0,062	0,292	-0,004	0,012	0,139	FALSE
-0,039	0,293	-0,002	0,012	0,047	FALSE
-0,089	0,291	-0,002	0,007	0,110	FALSE
-0,023	0,297	-0,002	0,012	0,050	FALSE
0,038	0,298	0,003	0,010	0,107	FALSE
0,055	0,293	0,000	0,009	0,020	FALSE
0,022	0,302	0,000	0,012	0,010	FALSE
0,093	0,288	0,001	0,007	0,079	FALSE
-0,144	0,272	-0,004	0,009	0,188	FALSE
0,064	0,278	0,002	0,007	0,089	FALSE
-0,187	0,267	-0,009	0,012	0,376	FALSE
-0,176	0,274	-0,009	0,012	0,353	FALSE
-0,080	0,299	-0,002	0,010	0,079	FALSE
-0,231	0,272	-0,007	0,009	0,379	FALSE

-0,004	0,289	-0,001	0,008	0,024	FALSE
-0,091	0,290	-0,005	0,012	0,158	FALSE
-0,046	0,289	-0,002	0,008	0,110	FALSE
0,022	0,289	0,000	0,008	0,001	FALSE
-0,024	0,297	0,000	0,011	0,014	FALSE
0,136	0,290	0,004	0,012	0,122	FALSE
-0,011	0,297	0,000	0,007	0,015	FALSE
-0,049	0,294	-0,002	0,009	0,067	FALSE
-0,069	0,293	-0,002	0,010	0,089	FALSE
-0,052	0,285	-0,003	0,012	0,109	FALSE
-0,084	0,283	-0,001	0,010	0,049	FALSE
-0,068	0,296	-0,004	0,013	0,124	FALSE
0,030	0,294	-0,001	0,013	0,016	FALSE
-0,024	0,296	-0,001	0,009	0,044	FALSE
0,105	0,295	0,004	0,013	0,114	FALSE
-0,115	0,273	-0,005	0,011	0,206	FALSE
0,082	0,288	0,004	0,011	0,131	FALSE
-0,173	0,280	-0,006	0,010	0,270	FALSE
-0,025	0,285	0,000	0,007	0,016	FALSE
-0,022	0,277	-0,002	0,012	0,071	FALSE
-0,005	0,300	-0,001	0,008	0,026	FALSE
-0,072	0,285	-0,006	0,012	0,204	FALSE
0,050	0,295	0,000	0,006	0,003	FALSE
-0,129	0,282	-0,003	0,007	0,166	FALSE
0,081	0,284	0,003	0,012	0,080	FALSE
0,077	0,288	0,003	0,008	0,121	FALSE
-0,014	0,290	-0,001	0,006	0,034	FALSE
-0,030	0,285	-0,001	0,009	0,045	FALSE
0,002	0,298	0,001	0,011	0,036	FALSE
-0,004	0,284	-0,001	0,011	0,022	FALSE
0,067	0,290	0,001	0,012	0,041	FALSE
0,019	0,294	0,000	0,009	0,009	FALSE
-0,034	0,289	-0,002	0,007	0,105	FALSE
0,043	0,288	0,000	0,011	0,015	FALSE
0,005	0,285	0,000	0,011	0,011	FALSE
0,022	0,285	0,001	0,012	0,036	FALSE
-0,064	0,289	-0,005	0,011	0,192	FALSE
0,037	0,275	0,001	0,012	0,040	FALSE
0,063	0,304	0,001	0,007	0,044	FALSE
0,031	0,296	0,001	0,006	0,049	FALSE
0,082	0,290	0,003	0,011	0,125	FALSE
-0,099	0,293	-0,003	0,010	0,121	FALSE
0,059	0,285	0,000	0,009	0,001	FALSE
0,083	0,287	0,004	0,009	0,177	FALSE
-0,033	0,300	0,000	0,008	0,019	FALSE
-0,151	0,283	-0,005	0,012	0,189	FALSE
0,097	0,285	0,004	0,007	0,215	FALSE
0,130	0,287	0,005	0,011	0,171	FALSE
0,090	0,286	0,004	0,007	0,201	FALSE
-0,047	0,282	0,000	0,012	0,011	FALSE
0,068	0,297	0,003	0,013	0,076	FALSE
-0,160	0,291	-0,004	0,012	0,144	FALSE
0,181	0,283	0,003	0,007	0,167	FALSE

0,041	0,285	0,001	0,011	0,018	FALSE
0,033	0,290	-0,001	0,007	0,026	FALSE
0,070	0,297	0,001	0,006	0,056	FALSE
0,003	0,295	0,000	0,006	0,024	FALSE
0,037	0,285	-0,001	0,007	0,069	FALSE
0,060	0,268	0,003	0,007	0,159	FALSE
0,197	0,270	0,012	0,012	0,474	FALSE
0,166	0,282	0,008	0,012	0,317	FALSE
-0,084	0,286	-0,003	0,008	0,123	FALSE
0,016	0,279	0,002	0,011	0,069	FALSE
-0,009	0,290	-0,001	0,006	0,053	FALSE
0,080	0,297	0,003	0,010	0,117	FALSE
-0,001	0,291	0,001	0,009	0,041	FALSE
0,236	0,277	0,008	0,012	0,318	FALSE
0,134	0,288	0,004	0,008	0,184	FALSE
0,006	0,286	0,001	0,013	0,015	FALSE
0,197	0,285	0,003	0,007	0,213	FALSE
-0,177	0,278	-0,004	0,008	0,220	FALSE
0,125	0,284	0,002	0,007	0,138	FALSE
0,227	0,284	0,008	0,012	0,289	FALSE
0,160	0,296	0,003	0,008	0,130	FALSE
-0,003	0,288	-0,001	0,010	0,021	FALSE
-0,068	0,303	-0,002	0,010	0,078	FALSE
-0,002	0,297	0,000	0,006	0,022	FALSE
-0,010	0,296	0,000	0,008	0,002	FALSE
-0,009	0,288	0,001	0,007	0,050	FALSE
0,066	0,278	0,003	0,012	0,081	FALSE
-0,012	0,296	0,000	0,007	0,011	FALSE
0,007	0,300	0,000	0,010	0,002	FALSE
0,062	0,300	0,002	0,011	0,068	FALSE
-0,053	0,283	-0,001	0,009	0,029	FALSE
0,059	0,287	0,002	0,012	0,076	FALSE
-0,092	0,281	-0,002	0,006	0,116	FALSE
-0,080	0,289	-0,001	0,006	0,060	FALSE
-0,013	0,305	-0,001	0,012	0,023	FALSE
0,051	0,296	0,001	0,010	0,026	FALSE
-0,077	0,290	-0,002	0,007	0,107	FALSE
-0,134	0,291	-0,006	0,013	0,172	FALSE
-0,029	0,289	-0,001	0,012	0,041	FALSE
-0,043	0,305	-0,002	0,010	0,085	FALSE
-0,017	0,299	-0,001	0,013	0,039	FALSE
-0,043	0,303	-0,001	0,011	0,037	FALSE
-0,129	0,295	-0,006	0,010	0,261	FALSE
-0,081	0,278	-0,005	0,012	0,162	FALSE
-0,132	0,289	-0,002	0,007	0,097	FALSE
-0,081	0,309	-0,002	0,010	0,095	FALSE
0,013	0,293	0,001	0,012	0,031	FALSE
0,051	0,285	0,002	0,010	0,060	FALSE
0,042	0,290	-0,001	0,012	0,035	FALSE
0,012	0,292	0,002	0,011	0,069	FALSE
0,018	0,316	0,000	0,014	0,012	FALSE
0,008	0,288	-0,001	0,007	0,068	FALSE
0,042	0,297	0,002	0,011	0,087	FALSE

-0,017	0,293	-0,002	0,007	0,115	FALSE
-0,030	0,288	-0,002	0,006	0,125	FALSE
0,006	0,291	-0,001	0,007	0,068	FALSE
-0,096	0,285	-0,002	0,007	0,083	FALSE
-0,071	0,287	-0,001	0,009	0,054	FALSE
0,197	0,294	0,004	0,008	0,234	FALSE
-0,028	0,297	-0,003	0,011	0,090	FALSE
0,001	0,300	-0,001	0,011	0,030	FALSE
0,082	0,291	0,003	0,013	0,088	FALSE
0,004	0,294	0,001	0,013	0,032	FALSE
-0,107	0,298	-0,004	0,009	0,172	FALSE
0,095	0,276	0,002	0,012	0,068	FALSE
-0,035	0,287	-0,001	0,007	0,027	FALSE
-0,021	0,278	0,000	0,008	0,001	FALSE
0,139	0,280	0,003	0,007	0,184	FALSE
0,054	0,298	0,002	0,008	0,082	FALSE
0,011	0,304	0,000	0,008	0,016	FALSE
-0,092	0,281	-0,002	0,010	0,087	FALSE
0,037	0,282	0,001	0,012	0,032	FALSE
0,045	0,285	0,002	0,006	0,114	FALSE
-0,148	0,269	-0,003	0,009	0,135	FALSE
-0,035	0,298	0,000	0,007	0,005	FALSE
0,127	0,294	0,003	0,010	0,118	FALSE
-0,004	0,290	-0,002	0,008	0,079	FALSE
0,081	0,304	0,001	0,007	0,051	FALSE
0,054	0,292	0,002	0,013	0,051	FALSE
0,117	0,293	0,006	0,013	0,191	FALSE
-0,026	0,285	-0,001	0,013	0,033	FALSE
0,017	0,283	0,001	0,012	0,017	FALSE
-0,004	0,304	0,000	0,012	0,008	FALSE
0,138	0,287	0,003	0,007	0,152	FALSE
-0,075	0,278	-0,002	0,012	0,066	FALSE
-0,032	0,295	-0,001	0,010	0,049	FALSE
0,087	0,287	0,003	0,008	0,127	FALSE
-0,082	0,296	-0,003	0,011	0,103	FALSE
0,061	0,303	0,002	0,012	0,073	FALSE
0,049	0,294	0,001	0,008	0,024	FALSE
0,071	0,302	0,003	0,012	0,106	FALSE
0,090	0,282	0,002	0,012	0,070	FALSE
-0,075	0,285	-0,001	0,011	0,043	FALSE
-0,170	0,270	-0,005	0,012	0,163	FALSE
0,168	0,276	0,006	0,012	0,218	FALSE
0,088	0,300	0,002	0,011	0,058	FALSE
-0,166	0,298	-0,008	0,014	0,243	FALSE
0,100	0,278	0,002	0,010	0,073	FALSE
0,079	0,287	0,004	0,009	0,173	FALSE
-0,025	0,275	-0,001	0,010	0,025	FALSE
0,060	0,288	0,003	0,009	0,117	FALSE
-0,022	0,291	0,000	0,009	0,014	FALSE
-0,079	0,299	-0,003	0,011	0,107	FALSE
-0,091	0,286	-0,001	0,013	0,028	FALSE
-0,111	0,285	-0,003	0,011	0,123	FALSE
0,069	0,279	0,002	0,006	0,120	FALSE

-0,109	0,287	-0,005	0,011	0,185	FALSE
-0,096	0,282	-0,005	0,011	0,175	FALSE
0,008	0,286	0,002	0,006	0,091	FALSE
0,025	0,281	0,002	0,007	0,139	FALSE
-0,057	0,300	-0,002	0,011	0,073	FALSE
-0,031	0,293	-0,002	0,010	0,066	FALSE
0,014	0,291	0,001	0,006	0,028	FALSE
0,016	0,303	0,000	0,008	0,015	FALSE
0,111	0,299	0,002	0,010	0,088	FALSE
0,019	0,300	0,000	0,008	0,002	FALSE
0,087	0,279	0,004	0,011	0,157	FALSE
-0,052	0,289	-0,002	0,012	0,074	FALSE
0,067	0,290	0,001	0,011	0,041	FALSE
-0,079	0,280	0,000	0,009	0,004	FALSE
0,117	0,299	0,005	0,009	0,208	FALSE
0,089	0,294	0,003	0,008	0,135	FALSE
-0,004	0,291	0,000	0,009	0,011	FALSE
0,027	0,300	0,000	0,011	0,016	FALSE
0,079	0,292	0,001	0,009	0,049	FALSE
0,071	0,274	0,004	0,008	0,180	FALSE
-0,100	0,288	-0,001	0,010	0,052	FALSE
-0,074	0,289	-0,006	0,012	0,200	FALSE
0,041	0,301	0,000	0,012	0,012	FALSE
0,129	0,288	0,005	0,013	0,147	FALSE
-0,072	0,294	-0,002	0,012	0,056	FALSE
-0,055	0,288	-0,002	0,007	0,136	FALSE
0,175	0,283	0,008	0,011	0,323	FALSE
-0,094	0,311	-0,003	0,010	0,101	FALSE
0,111	0,284	0,003	0,007	0,177	FALSE
0,000	0,278	0,001	0,011	0,050	FALSE
0,244	0,278	0,012	0,013	0,452	FALSE
-0,087	0,284	-0,004	0,009	0,160	FALSE
-0,009	0,291	0,001	0,008	0,028	FALSE
-0,076	0,291	-0,002	0,009	0,086	FALSE
0,033	0,304	0,001	0,007	0,043	FALSE
0,019	0,293	0,000	0,013	0,013	FALSE
-0,014	0,291	0,001	0,010	0,021	FALSE
0,105	0,285	0,004	0,010	0,135	FALSE
0,046	0,284	0,001	0,007	0,065	FALSE
0,109	0,282	0,002	0,013	0,063	FALSE
-0,054	0,302	-0,001	0,012	0,032	FALSE
-0,001	0,303	0,000	0,013	0,009	FALSE
-0,009	0,289	-0,001	0,008	0,037	FALSE
-0,160	0,296	-0,005	0,009	0,232	FALSE
0,024	0,289	0,001	0,009	0,036	FALSE
-0,010	0,292	0,000	0,007	0,016	FALSE
-0,061	0,299	-0,001	0,013	0,026	FALSE
-0,080	0,286	-0,002	0,012	0,070	FALSE
0,114	0,274	0,005	0,012	0,174	FALSE
-0,007	0,295	0,001	0,009	0,049	FALSE
0,083	0,283	0,002	0,011	0,083	FALSE
0,152	0,279	0,003	0,007	0,203	FALSE
0,019	0,296	0,001	0,010	0,019	FALSE

0,055	0,288	0,001	0,012	0,031	FALSE
0,000	0,286	0,001	0,009	0,033	FALSE
-0,036	0,300	-0,002	0,008	0,084	FALSE
0,022	0,287	0,002	0,008	0,083	FALSE
-0,031	0,289	-0,002	0,007	0,086	FALSE
0,081	0,287	0,001	0,008	0,067	FALSE
-0,163	0,275	-0,003	0,009	0,128	FALSE
0,150	0,287	0,005	0,009	0,218	FALSE
-0,177	0,281	-0,003	0,006	0,185	FALSE
-0,204	0,275	-0,004	0,007	0,237	FALSE
0,152	0,292	0,004	0,008	0,223	FALSE
-0,063	0,295	-0,002	0,008	0,123	FALSE
-0,011	0,284	0,000	0,010	0,007	FALSE
-0,083	0,277	-0,004	0,011	0,169	FALSE
0,100	0,294	0,005	0,013	0,153	FALSE
0,046	0,290	0,002	0,010	0,075	FALSE
-0,029	0,281	-0,002	0,006	0,100	FALSE
-0,085	0,298	-0,003	0,013	0,093	FALSE
0,089	0,288	0,003	0,010	0,124	FALSE
-0,029	0,295	-0,002	0,008	0,090	FALSE
0,080	0,289	0,002	0,008	0,116	FALSE
0,044	0,292	0,003	0,011	0,093	FALSE
0,029	0,291	0,002	0,010	0,069	FALSE
0,010	0,285	0,001	0,010	0,036	FALSE
0,079	0,291	0,002	0,006	0,103	FALSE
0,038	0,289	0,001	0,011	0,048	FALSE
-0,015	0,285	-0,003	0,013	0,083	FALSE
0,018	0,301	0,000	0,009	0,007	FALSE
-0,044	0,301	-0,002	0,011	0,056	FALSE
0,096	0,292	0,003	0,012	0,091	FALSE
-0,060	0,286	-0,001	0,010	0,049	FALSE
0,119	0,282	0,004	0,013	0,131	FALSE
0,055	0,305	0,001	0,008	0,029	FALSE
-0,027	0,291	-0,001	0,011	0,050	FALSE
-0,033	0,287	-0,002	0,011	0,059	FALSE
-0,042	0,294	0,000	0,007	0,020	FALSE
-0,067	0,294	-0,001	0,007	0,048	FALSE
-0,023	0,290	-0,001	0,007	0,028	FALSE
0,025	0,299	0,001	0,009	0,057	FALSE
0,001	0,293	0,001	0,012	0,016	FALSE
-0,039	0,310	-0,002	0,007	0,092	FALSE
-0,049	0,292	-0,003	0,008	0,149	FALSE
-0,027	0,291	-0,001	0,008	0,064	FALSE
-0,060	0,282	-0,001	0,008	0,054	FALSE
0,042	0,278	0,001	0,006	0,043	FALSE
0,064	0,288	0,002	0,010	0,078	FALSE
-0,068	0,279	-0,004	0,010	0,165	FALSE
0,096	0,289	0,003	0,008	0,139	FALSE
0,050	0,286	0,001	0,007	0,075	FALSE
-0,019	0,294	-0,001	0,007	0,048	FALSE
-0,077	0,275	-0,002	0,009	0,096	FALSE
0,179	0,294	0,003	0,007	0,186	FALSE
-0,051	0,303	-0,001	0,013	0,019	FALSE

-0,119	0,284	-0,002	0,010	0,084	FALSE
-0,006	0,293	0,001	0,008	0,028	FALSE
-0,081	0,283	-0,002	0,013	0,073	FALSE
0,006	0,303	0,001	0,011	0,047	FALSE
-0,082	0,285	-0,002	0,007	0,096	FALSE
-0,036	0,293	-0,001	0,012	0,017	FALSE
0,046	0,286	0,002	0,011	0,076	FALSE
0,047	0,284	-0,001	0,006	0,064	FALSE
-0,017	0,290	-0,001	0,007	0,061	FALSE
-0,144	0,283	-0,004	0,009	0,202	FALSE
0,016	0,287	-0,001	0,006	0,033	FALSE
0,036	0,302	0,000	0,008	0,010	FALSE
-0,041	0,291	0,000	0,008	0,011	FALSE
0,190	0,270	0,007	0,012	0,222	FALSE
-0,098	0,291	-0,001	0,013	0,028	FALSE
0,162	0,283	0,004	0,009	0,187	FALSE
0,134	0,288	0,003	0,007	0,217	FALSE
0,036	0,276	0,003	0,008	0,144	FALSE
0,095	0,291	0,003	0,011	0,091	FALSE
0,203	0,285	0,008	0,012	0,316	FALSE
0,122	0,272	0,006	0,012	0,226	FALSE
-0,112	0,286	-0,003	0,008	0,159	FALSE
0,093	0,282	0,000	0,007	0,002	FALSE
-0,032	0,294	-0,001	0,009	0,044	FALSE
-0,196	0,282	-0,004	0,007	0,245	FALSE
0,034	0,276	0,002	0,009	0,102	FALSE
-0,050	0,288	-0,003	0,012	0,077	FALSE
0,036	0,288	0,000	0,007	0,005	FALSE
0,001	0,278	0,001	0,009	0,058	FALSE
-0,089	0,282	-0,005	0,011	0,169	FALSE
-0,039	0,281	0,000	0,006	0,018	FALSE
-0,176	0,269	-0,004	0,008	0,215	FALSE
-0,125	0,269	-0,003	0,012	0,080	FALSE
0,165	0,280	0,003	0,010	0,122	FALSE
-0,227	0,286	-0,008	0,013	0,252	FALSE
-0,098	0,286	-0,001	0,009	0,053	FALSE
0,119	0,299	0,004	0,010	0,151	FALSE
0,022	0,291	0,001	0,008	0,042	FALSE
0,159	0,279	0,007	0,012	0,228	FALSE
0,040	0,299	0,001	0,012	0,044	FALSE
-0,030	0,292	0,000	0,006	0,003	FALSE
-0,020	0,284	0,000	0,007	0,023	FALSE
0,070	0,295	0,001	0,011	0,035	FALSE
-0,025	0,292	-0,001	0,008	0,047	FALSE
0,083	0,296	0,003	0,013	0,101	FALSE
-0,155	0,300	-0,004	0,009	0,181	FALSE
0,017	0,285	0,000	0,008	0,005	FALSE
0,027	0,286	0,002	0,008	0,066	FALSE
-0,148	0,294	-0,007	0,012	0,233	FALSE
0,062	0,286	0,001	0,012	0,022	FALSE
0,057	0,289	0,002	0,007	0,106	FALSE
-0,038	0,293	-0,002	0,009	0,091	FALSE
-0,007	0,297	0,000	0,007	0,012	FALSE

0,060	0,282	0,000	0,006	0,001	FALSE
0,021	0,293	0,001	0,008	0,058	FALSE
0,016	0,279	-0,001	0,011	0,037	FALSE
-0,016	0,266	-0,002	0,010	0,067	FALSE
0,051	0,288	0,001	0,010	0,038	FALSE
0,022	0,296	-0,001	0,007	0,039	FALSE
0,016	0,290	-0,001	0,006	0,055	FALSE
-0,003	0,292	0,000	0,009	0,015	FALSE
0,140	0,278	0,005	0,008	0,310	FALSE
0,073	0,298	0,000	0,009	0,016	FALSE
0,094	0,282	0,006	0,012	0,207	FALSE
0,134	0,284	0,002	0,009	0,068	FALSE
-0,011	0,275	0,000	0,008	0,009	FALSE
0,203	0,278	0,007	0,011	0,276	FALSE
-0,033	0,299	-0,001	0,007	0,060	FALSE
-0,024	0,292	0,000	0,008	0,003	FALSE
-0,135	0,279	-0,004	0,011	0,143	FALSE
0,104	0,294	0,002	0,007	0,101	FALSE
0,119	0,282	0,002	0,007	0,134	FALSE
-0,153	0,298	-0,006	0,011	0,240	FALSE
0,018	0,280	0,001	0,012	0,041	FALSE
0,032	0,289	0,001	0,013	0,028	FALSE
-0,030	0,285	-0,001	0,011	0,021	FALSE
-0,014	0,296	0,000	0,012	0,008	FALSE
-0,100	0,280	-0,002	0,010	0,065	FALSE
-0,103	0,295	-0,006	0,012	0,213	FALSE
0,108	0,291	0,001	0,006	0,090	FALSE
-0,093	0,296	-0,004	0,011	0,147	FALSE
0,213	0,288	0,005	0,008	0,284	FALSE
-0,041	0,295	-0,001	0,010	0,046	FALSE
-0,019	0,294	0,001	0,013	0,024	FALSE
-0,083	0,292	-0,004	0,012	0,117	FALSE
-0,090	0,297	-0,003	0,012	0,108	FALSE
0,123	0,283	0,005	0,012	0,160	FALSE
0,138	0,299	0,005	0,009	0,208	FALSE
-0,061	0,274	-0,004	0,011	0,144	FALSE
0,011	0,296	0,000	0,010	0,002	FALSE
0,015	0,273	0,000	0,006	0,008	FALSE
0,057	0,293	0,002	0,009	0,087	FALSE
0,092	0,306	0,003	0,009	0,163	FALSE
0,099	0,309	0,004	0,013	0,118	FALSE
0,016	0,297	0,000	0,007	0,002	FALSE
-0,051	0,301	0,000	0,008	0,011	FALSE
-0,103	0,291	-0,005	0,013	0,157	FALSE
-0,146	0,289	-0,004	0,009	0,191	FALSE
-0,001	0,286	-0,001	0,011	0,018	FALSE
0,032	0,288	-0,001	0,011	0,025	FALSE
0,046	0,302	0,000	0,011	0,014	FALSE
0,078	0,284	0,002	0,009	0,095	FALSE
-0,001	0,286	0,000	0,007	0,015	FALSE
-0,050	0,301	-0,002	0,013	0,051	FALSE
0,063	0,294	0,001	0,007	0,037	FALSE
-0,055	0,274	-0,001	0,007	0,062	FALSE

-0,057	0,292	-0,002	0,012	0,048	FALSE
-0,057	0,289	-0,001	0,011	0,037	FALSE
-0,058	0,290	-0,002	0,011	0,050	FALSE
0,039	0,292	0,001	0,012	0,046	FALSE
-0,142	0,305	-0,004	0,008	0,188	FALSE
0,061	0,292	0,000	0,013	0,003	FALSE
0,062	0,292	0,002	0,008	0,072	FALSE
0,104	0,271	0,004	0,011	0,143	FALSE
-0,026	0,287	0,000	0,011	0,010	FALSE
0,084	0,305	0,002	0,008	0,112	FALSE
0,040	0,297	0,001	0,009	0,029	FALSE
0,071	0,291	0,002	0,009	0,073	FALSE
-0,107	0,288	-0,002	0,012	0,066	FALSE
-0,103	0,294	-0,001	0,011	0,049	FALSE
-0,019	0,293	-0,003	0,011	0,127	FALSE
0,138	0,290	0,005	0,009	0,243	FALSE
0,140	0,284	0,008	0,013	0,268	FALSE
-0,032	0,281	-0,002	0,008	0,075	FALSE
0,045	0,282	0,001	0,010	0,041	FALSE
-0,047	0,299	-0,001	0,007	0,077	FALSE
-0,134	0,276	-0,002	0,006	0,147	FALSE
0,087	0,289	0,002	0,008	0,072	FALSE
0,049	0,295	0,002	0,007	0,121	FALSE
-0,076	0,291	-0,004	0,011	0,159	FALSE
0,024	0,299	0,000	0,013	0,010	FALSE
0,020	0,276	0,001	0,007	0,053	FALSE
0,160	0,287	0,003	0,006	0,169	FALSE
-0,032	0,287	0,001	0,009	0,042	FALSE
-0,012	0,295	-0,003	0,012	0,086	FALSE
-0,036	0,295	-0,001	0,010	0,029	FALSE
-0,080	0,289	-0,001	0,010	0,038	FALSE
-0,038	0,294	-0,001	0,007	0,080	FALSE
0,043	0,296	0,002	0,009	0,093	FALSE
-0,179	0,260	-0,003	0,008	0,171	FALSE
-0,152	0,284	-0,003	0,012	0,106	FALSE
0,061	0,279	0,002	0,008	0,083	FALSE
-0,101	0,293	-0,001	0,008	0,071	FALSE
0,060	0,292	0,001	0,010	0,047	FALSE
0,011	0,294	0,000	0,006	0,011	FALSE
0,043	0,294	0,001	0,010	0,027	FALSE
-0,045	0,291	-0,001	0,009	0,022	FALSE
-0,029	0,304	0,000	0,013	0,002	FALSE
0,129	0,297	0,003	0,011	0,116	FALSE
-0,013	0,286	-0,002	0,007	0,093	FALSE
-0,011	0,280	0,000	0,007	0,007	FALSE
0,083	0,291	0,001	0,007	0,079	FALSE
0,070	0,300	0,002	0,012	0,069	FALSE
0,016	0,294	0,001	0,013	0,020	FALSE
0,046	0,283	0,002	0,009	0,064	FALSE
-0,017	0,289	-0,002	0,012	0,051	FALSE
-0,072	0,293	-0,001	0,007	0,077	FALSE
0,047	0,292	0,001	0,010	0,045	FALSE
0,002	0,277	0,001	0,008	0,046	FALSE

-0,002	0,304	0,000	0,011	0,005	FALSE
0,121	0,289	0,002	0,009	0,098	FALSE
-0,018	0,298	0,000	0,013	0,007	FALSE
-0,124	0,275	-0,004	0,010	0,167	FALSE
0,106	0,295	0,003	0,008	0,140	FALSE
0,064	0,299	0,001	0,008	0,061	FALSE
0,050	0,299	0,001	0,008	0,030	FALSE
0,017	0,291	0,000	0,007	0,012	FALSE
-0,079	0,292	-0,001	0,007	0,047	FALSE
0,165	0,283	0,005	0,009	0,225	FALSE
0,082	0,288	0,001	0,012	0,040	FALSE
0,059	0,287	0,000	0,013	0,007	FALSE
0,012	0,292	0,001	0,010	0,053	FALSE
-0,075	0,282	-0,002	0,007	0,136	FALSE
-0,005	0,285	-0,003	0,012	0,077	FALSE
-0,077	0,281	-0,005	0,013	0,164	FALSE
-0,039	0,284	-0,001	0,006	0,031	FALSE
0,000	0,287	0,001	0,007	0,042	FALSE
0,197	0,285	0,006	0,010	0,265	FALSE
0,066	0,293	0,002	0,012	0,061	FALSE
-0,064	0,302	-0,002	0,007	0,140	FALSE
-0,007	0,284	0,001	0,012	0,033	FALSE
0,002	0,289	0,001	0,010	0,025	FALSE
-0,123	0,293	-0,005	0,011	0,196	FALSE
-0,024	0,305	-0,002	0,008	0,086	FALSE
-0,127	0,283	-0,005	0,011	0,169	FALSE
-0,052	0,289	-0,001	0,012	0,038	FALSE
-0,076	0,284	-0,002	0,006	0,114	FALSE
0,031	0,296	0,001	0,009	0,054	FALSE
0,033	0,284	0,000	0,009	0,007	FALSE
-0,076	0,293	-0,002	0,008	0,096	FALSE
-0,055	0,296	-0,002	0,009	0,102	FALSE
0,023	0,296	0,001	0,010	0,041	FALSE
0,046	0,285	0,001	0,009	0,054	FALSE
-0,055	0,282	0,000	0,007	0,004	FALSE
0,188	0,287	0,003	0,007	0,218	FALSE
-0,077	0,271	-0,003	0,009	0,144	FALSE
-0,066	0,282	-0,004	0,012	0,136	FALSE
-0,016	0,295	-0,001	0,008	0,027	FALSE
-0,039	0,301	-0,001	0,008	0,064	FALSE
0,136	0,303	0,004	0,010	0,169	FALSE
-0,078	0,288	-0,002	0,008	0,096	FALSE
0,040	0,279	0,002	0,011	0,084	FALSE
0,016	0,282	0,001	0,006	0,036	FALSE
0,007	0,268	0,001	0,006	0,048	FALSE
0,044	0,295	0,001	0,013	0,040	FALSE
-0,070	0,284	-0,001	0,007	0,062	FALSE
-0,059	0,303	-0,003	0,011	0,093	FALSE
0,059	0,289	0,002	0,007	0,112	FALSE
0,056	0,305	0,001	0,008	0,032	FALSE
0,026	0,290	0,001	0,010	0,042	FALSE
-0,001	0,289	0,000	0,011	0,004	FALSE
0,016	0,282	0,002	0,007	0,084	FALSE

0,150	0,300	0,006	0,013	0,210	FALSE
0,080	0,295	0,002	0,011	0,060	FALSE
0,078	0,274	0,000	0,010	0,001	FALSE
0,102	0,293	0,003	0,008	0,128	FALSE
0,166	0,283	0,007	0,011	0,276	FALSE
-0,045	0,281	-0,002	0,007	0,096	FALSE
0,042	0,300	0,002	0,012	0,072	FALSE
-0,030	0,296	0,000	0,013	0,012	FALSE
-0,038	0,297	-0,001	0,013	0,034	FALSE
0,045	0,311	0,002	0,009	0,084	FALSE
0,168	0,292	0,004	0,007	0,294	FALSE
0,049	0,288	0,003	0,012	0,080	FALSE
0,036	0,284	0,000	0,007	0,001	FALSE
-0,190	0,287	-0,006	0,010	0,264	FALSE
0,016	0,297	-0,001	0,011	0,026	FALSE
-0,039	0,285	0,000	0,006	0,013	FALSE
0,099	0,287	0,003	0,007	0,163	FALSE
-0,128	0,283	-0,002	0,008	0,110	FALSE
-0,029	0,277	-0,001	0,006	0,038	FALSE
-0,008	0,283	0,000	0,006	0,004	FALSE
0,000	0,303	0,000	0,008	0,022	FALSE
-0,047	0,278	0,000	0,010	0,003	FALSE
-0,186	0,285	-0,004	0,008	0,229	FALSE
0,051	0,278	0,003	0,007	0,151	FALSE
-0,055	0,295	-0,004	0,012	0,133	FALSE
0,091	0,291	0,002	0,013	0,057	FALSE
-0,083	0,290	-0,002	0,008	0,074	FALSE
-0,011	0,291	0,001	0,007	0,026	FALSE
-0,056	0,300	0,000	0,007	0,022	FALSE
0,168	0,288	0,007	0,013	0,234	FALSE
0,060	0,289	0,001	0,008	0,049	FALSE
0,096	0,281	0,004	0,012	0,118	FALSE
0,126	0,278	0,004	0,008	0,200	FALSE
-0,129	0,282	-0,005	0,011	0,182	FALSE
0,134	0,290	0,003	0,008	0,137	FALSE
0,063	0,274	0,002	0,008	0,091	FALSE
-0,044	0,283	-0,002	0,009	0,091	FALSE
0,077	0,288	0,004	0,010	0,157	FALSE
-0,026	0,288	0,000	0,008	0,014	FALSE
-0,054	0,296	0,000	0,008	0,011	FALSE
0,023	0,295	-0,001	0,011	0,040	FALSE
0,033	0,291	0,002	0,013	0,052	FALSE
0,149	0,289	0,003	0,008	0,137	FALSE
0,019	0,297	0,000	0,012	0,003	FALSE
-0,066	0,290	-0,002	0,006	0,121	FALSE
0,111	0,290	0,003	0,011	0,129	FALSE
0,034	0,283	0,000	0,008	0,019	FALSE
0,042	0,293	0,003	0,011	0,108	FALSE
-0,006	0,307	0,000	0,008	0,020	FALSE
0,125	0,288	0,003	0,007	0,199	FALSE
0,153	0,276	0,005	0,009	0,210	FALSE
0,077	0,289	0,001	0,007	0,046	FALSE
0,075	0,295	0,000	0,007	0,025	FALSE

0,009	0,284	-0,002	0,011	0,048	FALSE
0,089	0,304	0,001	0,007	0,037	FALSE
0,014	0,262	0,001	0,010	0,054	FALSE
0,046	0,288	0,002	0,012	0,075	FALSE
0,052	0,301	0,003	0,012	0,090	FALSE
0,058	0,294	0,003	0,012	0,087	FALSE
0,045	0,279	0,003	0,012	0,089	FALSE
0,112	0,293	0,004	0,010	0,149	FALSE
-0,047	0,292	-0,001	0,009	0,030	FALSE
0,117	0,283	0,003	0,006	0,170	FALSE
-0,082	0,289	-0,003	0,009	0,121	FALSE
-0,030	0,293	-0,002	0,011	0,061	FALSE
-0,133	0,292	-0,004	0,008	0,192	FALSE
0,045	0,291	0,000	0,010	0,018	FALSE
-0,034	0,296	0,000	0,007	0,010	FALSE
0,077	0,280	0,002	0,006	0,107	FALSE
-0,087	0,293	-0,002	0,011	0,081	FALSE
-0,121	0,281	-0,002	0,006	0,133	FALSE
-0,018	0,291	-0,001	0,007	0,032	FALSE
-0,087	0,284	-0,001	0,006	0,058	FALSE
-0,014	0,298	0,000	0,007	0,022	FALSE
-0,033	0,284	-0,001	0,013	0,029	FALSE
-0,039	0,287	-0,001	0,013	0,020	FALSE
-0,132	0,298	-0,006	0,012	0,197	FALSE
0,049	0,295	0,001	0,010	0,041	FALSE
0,064	0,289	0,001	0,010	0,025	FALSE
0,080	0,299	0,002	0,010	0,062	FALSE
0,023	0,288	0,001	0,013	0,042	FALSE
0,010	0,302	0,001	0,011	0,020	FALSE
-0,092	0,288	-0,002	0,007	0,088	FALSE
0,064	0,300	0,001	0,007	0,058	FALSE
-0,018	0,291	-0,001	0,012	0,031	FALSE
0,000	0,292	0,000	0,009	0,001	FALSE
-0,035	0,288	0,001	0,013	0,016	FALSE
0,057	0,283	0,001	0,006	0,038	FALSE
-0,018	0,296	0,002	0,012	0,046	FALSE
0,052	0,293	0,001	0,012	0,044	FALSE
-0,047	0,277	-0,002	0,010	0,087	FALSE
-0,019	0,271	-0,002	0,011	0,054	FALSE
-0,017	0,285	0,000	0,008	0,013	FALSE
0,040	0,300	0,001	0,007	0,073	FALSE
0,036	0,289	0,001	0,007	0,059	FALSE
-0,073	0,285	-0,002	0,011	0,071	FALSE
0,104	0,295	0,002	0,007	0,117	FALSE
0,042	0,295	0,002	0,012	0,073	FALSE
0,055	0,304	0,001	0,011	0,045	FALSE
0,009	0,279	0,000	0,007	0,003	FALSE
-0,018	0,294	-0,001	0,007	0,041	FALSE
0,035	0,314	0,001	0,011	0,031	FALSE
-0,003	0,302	0,000	0,010	0,015	FALSE
0,048	0,285	0,002	0,006	0,130	FALSE
0,043	0,265	0,003	0,012	0,103	FALSE
-0,121	0,281	-0,004	0,007	0,202	FALSE

0,013	0,280	-0,001	0,006	0,051	FALSE
0,030	0,290	0,000	0,010	0,000	FALSE
-0,027	0,286	-0,004	0,012	0,112	FALSE
-0,001	0,288	-0,002	0,012	0,045	FALSE
-0,038	0,291	-0,001	0,007	0,047	FALSE
-0,028	0,303	-0,004	0,013	0,111	FALSE
-0,085	0,292	-0,002	0,010	0,064	FALSE
0,158	0,290	0,005	0,009	0,225	FALSE
-0,103	0,281	-0,004	0,011	0,164	FALSE
0,026	0,289	0,001	0,007	0,035	FALSE
0,062	0,280	0,002	0,013	0,045	FALSE
0,036	0,268	0,000	0,007	0,023	FALSE
0,121	0,294	0,003	0,009	0,123	FALSE
0,066	0,307	0,001	0,010	0,037	FALSE
0,043	0,282	0,001	0,008	0,062	FALSE
0,034	0,280	0,000	0,007	0,000	FALSE
0,003	0,297	0,000	0,012	0,005	FALSE
-0,005	0,282	-0,001	0,010	0,023	FALSE
-0,089	0,301	-0,003	0,013	0,104	FALSE
-0,012	0,305	0,000	0,012	0,000	FALSE
-0,076	0,285	-0,002	0,011	0,083	FALSE
-0,065	0,281	-0,002	0,006	0,122	FALSE
0,078	0,297	0,003	0,013	0,091	FALSE
0,066	0,300	0,003	0,013	0,088	FALSE
-0,013	0,297	-0,001	0,008	0,035	FALSE
0,049	0,282	0,002	0,013	0,059	FALSE
-0,014	0,291	-0,001	0,013	0,028	FALSE
-0,039	0,290	-0,001	0,011	0,049	FALSE
0,002	0,296	0,000	0,006	0,017	FALSE
-0,100	0,287	-0,003	0,011	0,098	FALSE
0,024	0,281	0,001	0,010	0,040	FALSE
0,009	0,301	0,000	0,009	0,011	FALSE
0,000	0,282	0,000	0,006	0,001	FALSE
-0,012	0,288	-0,001	0,008	0,039	FALSE
0,099	0,283	0,002	0,006	0,151	FALSE
0,012	0,297	0,000	0,007	0,017	FALSE
0,001	0,284	0,002	0,013	0,050	FALSE
-0,019	0,288	0,002	0,011	0,052	FALSE
-0,103	0,283	-0,004	0,011	0,157	FALSE
0,184	0,274	0,006	0,010	0,251	FALSE
-0,003	0,298	-0,001	0,011	0,021	FALSE
0,053	0,305	0,002	0,007	0,082	FALSE
0,095	0,288	0,000	0,007	0,018	FALSE
0,025	0,288	0,001	0,010	0,019	FALSE
0,148	0,298	0,004	0,007	0,261	FALSE
0,042	0,288	0,000	0,006	0,003	FALSE
-0,030	0,296	-0,001	0,012	0,034	FALSE
-0,026	0,280	0,000	0,010	0,010	FALSE
0,018	0,293	0,000	0,007	0,007	FALSE
-0,141	0,287	-0,005	0,011	0,195	FALSE
0,090	0,291	0,001	0,008	0,049	FALSE
-0,196	0,282	-0,007	0,012	0,238	FALSE
-0,178	0,280	-0,006	0,012	0,213	FALSE

-0,109	0,282	-0,003	0,007	0,159	FALSE
0,038	0,296	0,002	0,007	0,087	FALSE
-0,159	0,282	-0,003	0,009	0,156	FALSE
0,119	0,292	0,003	0,008	0,142	FALSE
0,071	0,311	0,003	0,012	0,089	FALSE
0,082	0,291	0,003	0,008	0,172	FALSE
-0,017	0,285	0,001	0,007	0,037	FALSE
0,089	0,302	0,003	0,007	0,156	FALSE
0,050	0,298	0,001	0,007	0,032	FALSE
-0,137	0,289	-0,003	0,006	0,221	FALSE
0,063	0,281	0,002	0,008	0,086	FALSE
0,034	0,291	0,001	0,011	0,040	FALSE
0,003	0,291	-0,001	0,007	0,036	FALSE
0,060	0,293	0,002	0,007	0,097	FALSE
0,109	0,295	0,003	0,009	0,122	FALSE
-0,065	0,286	-0,002	0,012	0,052	FALSE
0,050	0,304	0,001	0,007	0,042	FALSE
-0,084	0,297	-0,002	0,011	0,074	FALSE
-0,019	0,284	0,000	0,009	0,019	FALSE
0,115	0,297	0,002	0,009	0,093	FALSE
-0,070	0,295	-0,001	0,009	0,054	FALSE
-0,094	0,299	-0,003	0,012	0,084	FALSE
0,121	0,301	0,005	0,012	0,162	FALSE
-0,010	0,302	0,001	0,008	0,042	FALSE
-0,077	0,296	-0,002	0,009	0,067	FALSE
-0,051	0,278	0,000	0,009	0,019	FALSE
-0,152	0,289	-0,007	0,013	0,236	FALSE
-0,136	0,288	-0,004	0,011	0,164	FALSE
-0,123	0,289	-0,004	0,012	0,121	FALSE
0,113	0,292	0,005	0,012	0,153	FALSE
-0,111	0,285	-0,004	0,012	0,117	FALSE
-0,136	0,271	-0,004	0,013	0,129	FALSE
-0,063	0,301	-0,004	0,013	0,130	FALSE
-0,088	0,272	-0,001	0,008	0,050	FALSE
-0,034	0,282	-0,001	0,007	0,057	FALSE
-0,050	0,300	-0,002	0,008	0,077	FALSE
-0,024	0,308	-0,002	0,009	0,077	FALSE
0,074	0,297	0,001	0,009	0,039	FALSE
0,027	0,298	0,001	0,013	0,030	FALSE
0,106	0,285	0,002	0,007	0,098	FALSE
-0,025	0,294	0,000	0,012	0,009	FALSE
-0,066	0,296	-0,002	0,010	0,092	FALSE
0,033	0,279	0,002	0,006	0,107	FALSE
0,133	0,288	0,005	0,008	0,278	FALSE
0,124	0,273	0,001	0,006	0,038	FALSE
-0,053	0,291	-0,003	0,011	0,113	FALSE
0,015	0,283	-0,001	0,012	0,032	FALSE
-0,023	0,292	0,000	0,007	0,005	FALSE
-0,152	0,286	-0,005	0,012	0,180	FALSE
-0,132	0,281	-0,004	0,011	0,156	FALSE
-0,056	0,298	-0,003	0,012	0,087	FALSE
-0,063	0,287	-0,004	0,012	0,136	FALSE
0,186	0,276	0,007	0,011	0,278	FALSE

-0,065	0,300	-0,003	0,008	0,124	FALSE
-0,205	0,273	-0,005	0,008	0,292	FALSE
0,042	0,301	0,001	0,008	0,066	FALSE
-0,018	0,280	0,000	0,011	0,008	FALSE
0,014	0,286	0,001	0,007	0,035	FALSE
0,169	0,282	0,007	0,011	0,278	FALSE
-0,013	0,276	-0,001	0,009	0,050	FALSE
-0,074	0,286	0,000	0,007	0,026	FALSE
-0,053	0,289	-0,001	0,007	0,048	FALSE
0,020	0,298	0,000	0,011	0,009	FALSE
0,016	0,294	0,000	0,007	0,018	FALSE
0,156	0,279	0,003	0,008	0,167	FALSE
0,096	0,291	0,004	0,012	0,114	FALSE
-0,049	0,299	-0,002	0,011	0,054	FALSE
0,049	0,282	0,003	0,013	0,102	FALSE
-0,126	0,283	-0,004	0,009	0,170	FALSE
-0,113	0,290	-0,003	0,007	0,173	FALSE
-0,043	0,278	-0,001	0,008	0,037	FALSE
0,112	0,289	0,002	0,007	0,132	FALSE
-0,072	0,288	-0,001	0,007	0,075	FALSE
-0,007	0,296	0,000	0,008	0,021	FALSE
-0,004	0,295	0,001	0,012	0,025	FALSE
0,013	0,298	0,000	0,007	0,021	FALSE
0,046	0,273	-0,001	0,010	0,021	FALSE
0,088	0,282	0,001	0,006	0,059	FALSE
-0,045	0,286	-0,001	0,008	0,047	FALSE
-0,055	0,289	-0,002	0,010	0,074	FALSE
-0,015	0,294	0,003	0,013	0,091	FALSE
-0,024	0,292	0,002	0,012	0,061	FALSE
0,054	0,288	0,004	0,010	0,148	FALSE
-0,014	0,288	-0,001	0,007	0,063	FALSE
0,031	0,285	0,000	0,008	0,013	FALSE
-0,115	0,288	-0,005	0,011	0,197	TRUE
-0,066	0,303	-0,002	0,010	0,079	FALSE
-0,149	0,274	-0,002	0,007	0,142	FALSE
-0,020	0,310	0,000	0,010	0,018	FALSE
-0,024	0,289	0,000	0,007	0,007	FALSE
0,102	0,284	0,005	0,010	0,195	FALSE
-0,047	0,277	-0,001	0,006	0,041	FALSE
-0,014	0,278	0,000	0,007	0,019	FALSE
-0,001	0,280	0,000	0,008	0,016	FALSE
0,123	0,289	0,003	0,006	0,207	FALSE
0,071	0,295	0,001	0,007	0,037	FALSE
-0,005	0,283	-0,002	0,013	0,046	FALSE
-0,035	0,296	-0,002	0,010	0,066	FALSE
-0,069	0,294	-0,001	0,008	0,036	FALSE
0,123	0,284	0,002	0,009	0,063	FALSE
0,045	0,293	0,000	0,010	0,005	FALSE
0,037	0,292	0,001	0,006	0,063	FALSE
0,079	0,290	0,003	0,008	0,145	FALSE
-0,008	0,273	0,001	0,011	0,040	FALSE
0,090	0,295	0,005	0,013	0,157	FALSE
0,091	0,277	0,004	0,009	0,162	FALSE

0,035	0,287	0,000	0,006	0,028	FALSE
0,171	0,271	0,007	0,011	0,255	FALSE
0,007	0,287	0,001	0,013	0,031	FALSE
-0,027	0,294	-0,001	0,007	0,031	FALSE
0,014	0,295	0,000	0,008	0,007	FALSE
0,101	0,288	0,003	0,006	0,184	FALSE
0,025	0,268	0,002	0,008	0,095	FALSE
0,002	0,300	0,001	0,009	0,037	FALSE
-0,027	0,284	-0,003	0,008	0,155	FALSE
-0,146	0,276	-0,003	0,009	0,134	FALSE
-0,016	0,287	0,001	0,009	0,032	FALSE
-0,120	0,300	-0,004	0,010	0,165	FALSE
0,066	0,294	0,001	0,013	0,018	FALSE
0,111	0,300	0,002	0,012	0,054	FALSE
-0,054	0,292	-0,004	0,013	0,126	FALSE
-0,006	0,280	-0,001	0,012	0,021	FALSE
0,046	0,300	0,000	0,009	0,012	FALSE
0,025	0,297	0,000	0,007	0,025	FALSE
0,053	0,273	0,003	0,012	0,101	FALSE
-0,107	0,293	-0,003	0,010	0,100	FALSE
-0,079	0,278	-0,002	0,007	0,115	FALSE
0,032	0,291	0,001	0,009	0,033	FALSE
0,037	0,279	0,001	0,010	0,045	FALSE
0,020	0,299	0,000	0,008	0,010	FALSE
-0,033	0,298	-0,001	0,009	0,057	FALSE
0,083	0,293	0,003	0,009	0,147	FALSE
-0,153	0,269	-0,005	0,011	0,159	FALSE
0,059	0,259	0,003	0,010	0,106	FALSE
-0,073	0,294	-0,002	0,006	0,138	FALSE
0,027	0,288	0,001	0,011	0,025	FALSE
-0,020	0,277	0,001	0,008	0,066	FALSE
-0,004	0,299	-0,001	0,008	0,062	FALSE
0,092	0,286	0,003	0,010	0,098	FALSE
-0,092	0,290	-0,004	0,012	0,128	FALSE
-0,163	0,284	-0,003	0,009	0,159	FALSE
0,160	0,267	0,006	0,010	0,301	FALSE
0,161	0,274	0,006	0,010	0,285	FALSE
-0,025	0,297	0,001	0,011	0,018	FALSE
0,092	0,298	0,003	0,013	0,083	FALSE
-0,083	0,306	-0,003	0,010	0,137	FALSE
0,064	0,297	0,002	0,013	0,073	FALSE
0,034	0,299	0,000	0,013	0,009	FALSE
-0,030	0,292	-0,002	0,011	0,051	FALSE
-0,047	0,296	-0,002	0,011	0,056	FALSE
-0,082	0,290	-0,001	0,006	0,087	FALSE
-0,165	0,299	-0,007	0,013	0,239	FALSE
-0,192	0,278	-0,008	0,011	0,351	FALSE
-0,035	0,285	-0,001	0,007	0,033	FALSE
0,103	0,283	0,003	0,009	0,111	FALSE
0,013	0,290	0,002	0,011	0,050	FALSE
0,111	0,278	0,007	0,011	0,261	FALSE
-0,011	0,296	-0,001	0,011	0,031	FALSE
-0,038	0,299	-0,001	0,008	0,071	FALSE

-0,024	0,294	0,000	0,010	0,004	FALSE
-0,077	0,293	-0,001	0,013	0,029	FALSE
-0,067	0,298	-0,003	0,013	0,086	FALSE
0,005	0,302	0,000	0,012	0,004	FALSE
-0,145	0,278	-0,006	0,013	0,218	FALSE
-0,088	0,271	-0,002	0,008	0,076	FALSE
-0,116	0,278	-0,002	0,007	0,126	FALSE
-0,100	0,283	-0,003	0,010	0,119	FALSE
-0,068	0,304	-0,002	0,010	0,065	FALSE
0,069	0,300	0,001	0,007	0,072	FALSE
-0,144	0,278	-0,004	0,012	0,136	FALSE
0,158	0,301	0,003	0,010	0,121	FALSE
-0,223	0,258	-0,007	0,011	0,285	FALSE
-0,171	0,276	-0,007	0,013	0,249	FALSE
0,045	0,286	0,001	0,011	0,025	FALSE
0,038	0,274	-0,002	0,013	0,047	FALSE
-0,036	0,284	-0,001	0,012	0,041	FALSE
-0,015	0,277	0,000	0,008	0,009	FALSE
0,139	0,280	0,003	0,009	0,122	FALSE
0,029	0,295	0,001	0,007	0,052	FALSE
0,127	0,282	0,002	0,009	0,105	FALSE
-0,169	0,277	-0,003	0,007	0,199	FALSE
0,081	0,281	0,002	0,006	0,109	FALSE
-0,099	0,283	-0,003	0,006	0,204	FALSE
-0,057	0,286	-0,001	0,013	0,041	FALSE
-0,075	0,304	-0,002	0,013	0,059	FALSE
0,082	0,286	0,001	0,007	0,079	FALSE
0,059	0,273	0,003	0,012	0,111	FALSE
0,023	0,278	0,000	0,006	0,005	FALSE
0,016	0,301	0,000	0,007	0,010	FALSE
0,046	0,293	0,001	0,007	0,046	FALSE
-0,060	0,283	-0,002	0,007	0,099	FALSE
0,025	0,287	0,001	0,007	0,050	FALSE
0,029	0,303	0,001	0,007	0,047	FALSE
0,148	0,265	0,006	0,012	0,230	FALSE
-0,055	0,287	0,000	0,011	0,017	FALSE
-0,117	0,270	-0,005	0,011	0,182	FALSE
-0,155	0,292	-0,005	0,011	0,213	FALSE
-0,144	0,285	-0,004	0,011	0,151	FALSE
0,054	0,279	0,005	0,011	0,177	FALSE
0,139	0,300	0,006	0,011	0,201	FALSE
0,075	0,290	0,004	0,013	0,134	FALSE
0,023	0,301	0,000	0,008	0,016	FALSE
0,015	0,289	0,000	0,012	0,004	FALSE
0,054	0,281	0,002	0,011	0,059	FALSE
-0,067	0,292	-0,001	0,009	0,042	FALSE
-0,149	0,284	-0,004	0,008	0,215	FALSE
0,105	0,297	0,003	0,007	0,152	FALSE
0,005	0,292	0,001	0,011	0,034	FALSE
0,019	0,292	0,002	0,011	0,064	FALSE
0,034	0,299	0,001	0,010	0,052	FALSE
-0,066	0,286	-0,001	0,009	0,045	FALSE
0,003	0,296	0,000	0,008	0,007	FALSE

0,034	0,287	0,000	0,008	0,007	FALSE
0,074	0,283	0,000	0,007	0,005	FALSE
-0,094	0,293	-0,002	0,007	0,101	FALSE
-0,179	0,274	-0,007	0,013	0,239	FALSE
0,073	0,300	0,003	0,010	0,099	FALSE
-0,031	0,302	-0,002	0,011	0,061	FALSE
-0,077	0,287	-0,002	0,010	0,064	FALSE
0,006	0,301	-0,001	0,007	0,031	FALSE
0,069	0,289	0,002	0,010	0,061	FALSE
0,113	0,287	0,003	0,012	0,109	FALSE
0,024	0,288	0,001	0,006	0,052	FALSE
-0,066	0,290	-0,002	0,012	0,057	FALSE
-0,099	0,280	-0,003	0,008	0,146	FALSE
-0,015	0,284	0,000	0,012	0,007	FALSE
-0,038	0,295	0,000	0,012	0,002	FALSE
-0,027	0,293	-0,002	0,009	0,080	FALSE
-0,026	0,288	0,002	0,013	0,052	FALSE
0,024	0,293	0,004	0,011	0,136	FALSE
-0,141	0,278	-0,003	0,007	0,182	FALSE
-0,033	0,300	-0,001	0,008	0,055	FALSE
0,031	0,291	0,001	0,006	0,046	FALSE
0,012	0,298	0,000	0,007	0,020	FALSE
0,010	0,290	-0,003	0,012	0,086	FALSE
-0,087	0,282	-0,003	0,012	0,102	FALSE
0,055	0,273	0,002	0,013	0,062	FALSE
-0,158	0,294	-0,006	0,013	0,178	FALSE
-0,003	0,283	0,001	0,007	0,052	FALSE
0,093	0,282	0,001	0,007	0,070	FALSE
-0,002	0,287	-0,003	0,012	0,094	FALSE
0,039	0,292	0,002	0,013	0,071	FALSE
-0,040	0,292	-0,002	0,010	0,063	FALSE
-0,100	0,282	-0,004	0,013	0,110	FALSE
0,052	0,291	0,001	0,007	0,061	FALSE
-0,050	0,302	-0,001	0,007	0,030	FALSE
-0,008	0,292	-0,001	0,011	0,018	FALSE
0,012	0,291	0,000	0,006	0,027	FALSE
-0,054	0,301	-0,002	0,010	0,072	FALSE
0,069	0,292	0,005	0,012	0,158	FALSE
0,070	0,285	0,003	0,012	0,108	FALSE
0,029	0,286	0,000	0,007	0,019	FALSE
-0,119	0,289	-0,002	0,008	0,129	FALSE
-0,012	0,286	0,000	0,007	0,002	FALSE
-0,144	0,279	-0,005	0,010	0,208	FALSE
-0,046	0,293	-0,002	0,008	0,090	FALSE
-0,016	0,274	-0,002	0,007	0,080	FALSE
0,172	0,293	0,003	0,008	0,178	FALSE
0,135	0,289	0,004	0,010	0,163	FALSE
-0,029	0,276	0,000	0,012	0,009	FALSE
0,108	0,289	0,000	0,011	0,011	FALSE
-0,042	0,280	-0,001	0,007	0,049	FALSE
0,095	0,304	0,005	0,012	0,178	FALSE
0,081	0,290	0,002	0,012	0,066	FALSE
0,075	0,288	0,002	0,007	0,090	FALSE

0,070	0,287	0,000	0,008	0,015	FALSE
0,059	0,288	0,000	0,008	0,003	FALSE
-0,164	0,289	-0,003	0,006	0,188	FALSE
-0,140	0,283	-0,003	0,007	0,175	FALSE
-0,077	0,291	-0,003	0,013	0,079	FALSE
-0,077	0,291	-0,001	0,007	0,065	FALSE
0,092	0,302	0,001	0,007	0,068	FALSE
0,036	0,280	0,001	0,007	0,048	FALSE
0,145	0,290	0,003	0,007	0,196	FALSE
-0,088	0,274	-0,004	0,010	0,161	FALSE
-0,081	0,280	-0,003	0,010	0,130	FALSE
0,021	0,294	-0,001	0,013	0,014	FALSE
0,002	0,274	0,000	0,008	0,010	FALSE
-0,007	0,273	0,001	0,012	0,036	FALSE
-0,009	0,284	0,000	0,008	0,010	FALSE
0,052	0,309	0,001	0,011	0,033	FALSE
-0,046	0,294	-0,002	0,007	0,091	FALSE
0,184	0,276	0,007	0,010	0,294	FALSE
-0,153	0,278	-0,007	0,011	0,262	FALSE
0,257	0,284	0,010	0,012	0,378	FALSE
0,241	0,298	0,009	0,013	0,334	FALSE
-0,070	0,277	-0,001	0,012	0,027	FALSE
-0,121	0,284	-0,003	0,012	0,104	FALSE
0,060	0,297	0,002	0,013	0,052	FALSE
-0,016	0,292	-0,002	0,007	0,097	FALSE
-0,005	0,286	0,001	0,012	0,028	FALSE
-0,090	0,283	-0,003	0,009	0,124	FALSE
-0,062	0,304	-0,003	0,012	0,102	FALSE
0,028	0,284	0,003	0,012	0,094	FALSE
0,067	0,286	0,001	0,011	0,039	FALSE
-0,092	0,274	-0,002	0,007	0,089	FALSE
0,043	0,296	0,002	0,008	0,072	FALSE
-0,008	0,287	0,001	0,008	0,029	FALSE
0,097	0,277	0,002	0,008	0,080	FALSE
-0,228	0,281	-0,005	0,007	0,310	FALSE
-0,245	0,285	-0,006	0,007	0,362	FALSE
0,043	0,285	0,002	0,012	0,066	FALSE
0,023	0,279	0,002	0,012	0,048	FALSE
0,159	0,293	0,004	0,009	0,184	FALSE
0,101	0,288	0,004	0,012	0,123	FALSE
0,091	0,292	0,002	0,008	0,120	FALSE
0,053	0,292	0,001	0,007	0,066	FALSE
-0,206	0,289	-0,005	0,008	0,262	FALSE
0,061	0,311	0,004	0,014	0,105	FALSE
-0,008	0,296	-0,001	0,008	0,049	FALSE
-0,096	0,273	-0,002	0,009	0,093	FALSE
-0,035	0,288	-0,001	0,010	0,039	FALSE
-0,031	0,276	-0,001	0,012	0,044	FALSE
0,098	0,294	0,004	0,011	0,123	FALSE
-0,050	0,295	-0,003	0,007	0,145	FALSE
-0,046	0,302	-0,001	0,007	0,051	FALSE
0,070	0,306	0,001	0,008	0,029	FALSE
-0,047	0,293	-0,002	0,007	0,104	FALSE

-0,141	0,292	-0,004	0,006	0,233	FALSE
-0,117	0,293	-0,003	0,006	0,204	FALSE
-0,087	0,287	-0,002	0,006	0,130	FALSE
0,114	0,292	0,004	0,008	0,193	FALSE
0,132	0,280	0,004	0,008	0,211	FALSE
0,042	0,284	0,001	0,007	0,048	FALSE
0,070	0,303	0,003	0,013	0,101	FALSE
-0,028	0,289	0,000	0,006	0,020	FALSE
-0,121	0,277	-0,003	0,008	0,148	FALSE
-0,066	0,285	-0,003	0,013	0,106	FALSE
0,020	0,276	0,000	0,008	0,006	FALSE
0,027	0,292	0,000	0,007	0,018	FALSE
0,080	0,300	0,002	0,006	0,153	FALSE
-0,188	0,290	-0,004	0,007	0,225	FALSE
0,062	0,287	0,002	0,008	0,078	FALSE
0,076	0,291	0,001	0,007	0,029	FALSE
0,089	0,288	0,000	0,008	0,005	FALSE
0,054	0,294	0,002	0,013	0,045	FALSE
0,085	0,287	0,002	0,010	0,065	FALSE
-0,108	0,275	-0,002	0,009	0,112	FALSE
0,041	0,267	0,003	0,007	0,181	FALSE
0,079	0,293	0,001	0,007	0,028	FALSE
0,010	0,280	-0,001	0,009	0,026	FALSE
-0,026	0,303	0,000	0,010	0,011	FALSE
-0,052	0,291	0,000	0,013	0,011	FALSE
-0,050	0,277	0,000	0,012	0,002	FALSE
0,072	0,288	0,004	0,012	0,116	FALSE
-0,061	0,290	-0,002	0,007	0,096	FALSE
-0,027	0,289	0,001	0,007	0,033	FALSE
-0,034	0,294	0,001	0,012	0,023	FALSE
0,068	0,289	0,001	0,009	0,056	FALSE
-0,149	0,273	-0,005	0,011	0,184	FALSE
-0,001	0,292	0,000	0,013	0,002	FALSE
-0,006	0,284	0,002	0,013	0,061	FALSE
-0,084	0,280	-0,002	0,009	0,061	FALSE
0,102	0,287	0,004	0,011	0,156	FALSE
0,092	0,299	0,004	0,012	0,128	FALSE
-0,043	0,292	-0,001	0,009	0,049	FALSE
-0,096	0,288	-0,002	0,009	0,075	FALSE
0,010	0,288	0,002	0,011	0,057	FALSE
0,112	0,287	0,006	0,009	0,268	FALSE
-0,026	0,293	0,000	0,009	0,016	FALSE
-0,036	0,302	-0,004	0,013	0,133	FALSE
0,163	0,283	0,007	0,010	0,277	FALSE
-0,027	0,288	-0,002	0,012	0,075	FALSE
0,025	0,298	0,000	0,011	0,006	FALSE
-0,026	0,296	0,000	0,007	0,012	FALSE
-0,087	0,297	-0,003	0,009	0,138	FALSE
0,050	0,277	0,001	0,011	0,029	FALSE
-0,026	0,288	-0,001	0,009	0,032	FALSE
-0,106	0,291	-0,003	0,007	0,156	FALSE
0,013	0,284	0,001	0,007	0,060	FALSE
-0,013	0,284	0,001	0,007	0,055	FALSE

-0,033	0,279	0,001	0,006	0,043	FALSE
0,015	0,288	0,003	0,011	0,109	FALSE
-0,018	0,289	0,000	0,010	0,011	FALSE
-0,019	0,290	0,000	0,007	0,008	FALSE
-0,082	0,289	-0,001	0,007	0,048	FALSE
-0,022	0,301	-0,002	0,013	0,054	FALSE
0,125	0,290	0,003	0,010	0,130	FALSE
0,033	0,279	0,000	0,011	0,005	FALSE
0,052	0,290	0,000	0,012	0,011	FALSE
-0,007	0,299	0,001	0,009	0,028	FALSE
-0,018	0,295	-0,001	0,008	0,051	FALSE
0,073	0,289	0,003	0,011	0,090	FALSE
0,100	0,294	0,003	0,009	0,102	FALSE
0,146	0,295	0,004	0,009	0,195	FALSE
0,012	0,289	-0,001	0,007	0,027	FALSE
-0,072	0,288	-0,004	0,013	0,109	FALSE
-0,067	0,287	-0,004	0,013	0,108	FALSE
0,001	0,289	-0,001	0,012	0,032	FALSE
-0,062	0,298	-0,001	0,008	0,031	FALSE
-0,054	0,289	-0,002	0,008	0,083	FALSE
0,033	0,290	0,001	0,011	0,034	FALSE
-0,210	0,288	-0,007	0,010	0,303	FALSE
-0,003	0,289	0,000	0,009	0,008	FALSE
0,033	0,301	0,001	0,008	0,047	FALSE
0,056	0,296	0,001	0,013	0,026	FALSE
-0,159	0,277	-0,004	0,010	0,176	FALSE
0,042	0,294	0,002	0,013	0,051	FALSE
0,038	0,283	0,001	0,012	0,043	FALSE
-0,033	0,286	-0,001	0,012	0,023	FALSE
-0,024	0,305	-0,001	0,013	0,022	FALSE
-0,082	0,282	-0,003	0,010	0,127	FALSE
0,076	0,292	0,001	0,007	0,080	FALSE
0,022	0,299	0,001	0,011	0,024	FALSE
0,059	0,288	0,003	0,011	0,098	FALSE
-0,035	0,290	-0,001	0,008	0,063	FALSE
-0,084	0,292	-0,003	0,007	0,209	FALSE
0,124	0,296	0,004	0,007	0,216	FALSE
0,004	0,289	0,001	0,009	0,026	FALSE
0,088	0,298	0,000	0,014	0,006	FALSE
-0,032	0,301	-0,001	0,007	0,063	FALSE
-0,106	0,290	-0,002	0,007	0,123	FALSE
-0,085	0,296	-0,004	0,013	0,121	FALSE
-0,173	0,280	-0,006	0,012	0,197	FALSE
-0,029	0,266	0,000	0,012	0,012	FALSE
-0,044	0,285	-0,001	0,007	0,037	FALSE
0,088	0,290	0,003	0,009	0,103	FALSE
-0,119	0,274	-0,002	0,008	0,107	FALSE
-0,051	0,294	-0,002	0,010	0,089	FALSE
0,098	0,294	0,002	0,008	0,074	FALSE
-0,002	0,291	0,001	0,010	0,022	FALSE
-0,043	0,289	-0,001	0,009	0,046	FALSE
0,142	0,288	0,004	0,013	0,136	FALSE
-0,006	0,292	-0,002	0,010	0,071	FALSE

-0,065	0,295	-0,003	0,008	0,170	FALSE
0,002	0,291	-0,001	0,008	0,060	FALSE
-0,018	0,297	-0,002	0,008	0,091	FALSE
0,015	0,294	0,001	0,012	0,025	FALSE
0,020	0,281	0,001	0,012	0,026	FALSE
0,111	0,281	0,002	0,007	0,139	FALSE
0,045	0,296	0,002	0,012	0,047	FALSE
0,063	0,290	0,003	0,012	0,104	FALSE
0,063	0,287	0,001	0,008	0,043	FALSE
0,036	0,278	0,001	0,011	0,040	FALSE
0,061	0,291	0,003	0,012	0,099	FALSE
-0,014	0,294	-0,002	0,007	0,095	FALSE
0,012	0,286	-0,001	0,013	0,024	FALSE
-0,054	0,293	0,000	0,007	0,005	FALSE
-0,137	0,290	-0,003	0,006	0,180	FALSE
-0,089	0,277	-0,001	0,011	0,044	FALSE
-0,107	0,272	-0,002	0,011	0,069	FALSE
-0,112	0,278	-0,002	0,011	0,066	FALSE
-0,094	0,276	-0,002	0,013	0,058	FALSE
-0,055	0,289	-0,001	0,012	0,014	FALSE
0,047	0,291	0,001	0,010	0,047	FALSE
0,028	0,302	0,001	0,007	0,036	FALSE
0,027	0,289	0,003	0,012	0,083	FALSE
-0,167	0,276	-0,003	0,007	0,167	FALSE
-0,175	0,282	-0,003	0,007	0,179	FALSE
-0,139	0,276	-0,002	0,006	0,128	FALSE
-0,164	0,279	-0,003	0,007	0,154	FALSE
0,016	0,285	-0,001	0,009	0,041	FALSE
0,082	0,289	0,002	0,012	0,051	FALSE
0,011	0,295	0,000	0,010	0,011	FALSE
-0,019	0,296	0,000	0,006	0,000	FALSE
-0,016	0,277	-0,003	0,013	0,103	FALSE
-0,127	0,298	-0,004	0,008	0,214	FALSE
0,016	0,293	-0,001	0,010	0,037	FALSE
-0,122	0,290	-0,004	0,008	0,188	FALSE
-0,029	0,289	-0,003	0,009	0,120	FALSE
-0,012	0,279	-0,002	0,008	0,107	FALSE
0,071	0,286	0,002	0,011	0,055	FALSE
0,038	0,295	0,001	0,010	0,049	FALSE
-0,212	0,276	-0,004	0,008	0,227	FALSE
0,089	0,283	0,003	0,012	0,108	FALSE
0,027	0,286	0,001	0,010	0,047	FALSE
0,127	0,295	0,005	0,011	0,167	TRUE
0,051	0,303	0,001	0,007	0,076	FALSE
-0,051	0,295	-0,002	0,012	0,064	FALSE
0,049	0,298	0,003	0,013	0,091	FALSE
-0,007	0,274	0,000	0,010	0,017	FALSE
0,034	0,295	0,003	0,013	0,091	FALSE
0,046	0,288	0,003	0,012	0,098	FALSE
0,053	0,292	0,003	0,013	0,103	FALSE
0,035	0,284	0,003	0,013	0,085	FALSE
0,019	0,288	0,002	0,012	0,060	FALSE
0,050	0,292	0,004	0,012	0,115	FALSE

0,008	0,293	0,001	0,013	0,031	FALSE
-0,148	0,299	-0,004	0,008	0,189	FALSE
-0,168	0,298	-0,004	0,008	0,211	FALSE
-0,032	0,275	0,000	0,007	0,023	FALSE
-0,017	0,282	-0,001	0,010	0,022	FALSE
-0,039	0,288	-0,001	0,012	0,021	FALSE
0,009	0,285	-0,001	0,007	0,033	FALSE
0,009	0,289	0,000	0,006	0,019	FALSE
0,090	0,292	0,001	0,006	0,061	FALSE
-0,064	0,294	-0,004	0,010	0,140	FALSE
-0,031	0,280	-0,001	0,006	0,042	FALSE
-0,003	0,288	0,000	0,007	0,008	FALSE
0,039	0,278	0,002	0,012	0,078	FALSE
-0,110	0,293	-0,005	0,013	0,150	FALSE
-0,068	0,284	-0,003	0,012	0,095	FALSE
-0,085	0,288	-0,003	0,010	0,108	FALSE
0,204	0,298	0,005	0,009	0,277	FALSE
-0,110	0,276	-0,002	0,006	0,102	FALSE
-0,036	0,278	-0,001	0,010	0,019	FALSE
-0,016	0,311	0,001	0,014	0,028	FALSE
0,046	0,293	0,001	0,007	0,041	FALSE
-0,152	0,287	-0,003	0,008	0,157	FALSE
0,052	0,300	0,002	0,010	0,088	FALSE
0,056	0,294	0,001	0,007	0,037	FALSE
-0,123	0,301	-0,002	0,008	0,110	FALSE
0,058	0,301	0,001	0,006	0,040	FALSE
-0,010	0,298	0,000	0,008	0,016	FALSE
0,043	0,307	0,001	0,010	0,024	FALSE
0,046	0,300	0,001	0,010	0,044	FALSE
0,044	0,296	0,001	0,006	0,029	FALSE
-0,008	0,301	-0,001	0,010	0,028	FALSE
0,035	0,298	0,001	0,009	0,029	FALSE
-0,079	0,282	-0,001	0,009	0,025	FALSE
-0,088	0,278	-0,001	0,006	0,063	FALSE
-0,030	0,288	0,000	0,006	0,003	FALSE
-0,002	0,278	0,000	0,006	0,024	FALSE
-0,016	0,286	-0,002	0,009	0,067	FALSE
0,006	0,290	-0,001	0,007	0,049	FALSE
-0,043	0,284	-0,001	0,008	0,073	FALSE
0,052	0,296	0,003	0,011	0,101	FALSE
0,079	0,288	0,003	0,012	0,079	FALSE
0,075	0,294	0,002	0,011	0,059	FALSE
0,135	0,302	0,004	0,011	0,151	FALSE
-0,059	0,290	-0,003	0,013	0,095	FALSE
0,015	0,292	0,003	0,012	0,086	FALSE
0,026	0,293	0,003	0,012	0,084	FALSE
0,051	0,295	0,001	0,008	0,046	FALSE
0,064	0,289	0,002	0,007	0,114	FALSE
0,010	0,288	0,001	0,012	0,044	FALSE
0,010	0,288	0,000	0,006	0,001	FALSE
0,041	0,296	0,002	0,006	0,097	FALSE
0,022	0,296	0,001	0,013	0,017	FALSE
-0,031	0,286	-0,002	0,012	0,049	FALSE

0,005	0,288	0,000	0,012	0,004	FALSE
0,045	0,284	0,001	0,010	0,030	FALSE
0,101	0,301	0,004	0,012	0,126	FALSE
0,115	0,296	0,004	0,011	0,146	FALSE
-0,084	0,295	-0,002	0,009	0,079	FALSE
0,030	0,276	-0,001	0,012	0,040	FALSE
0,083	0,289	0,005	0,012	0,179	FALSE
0,029	0,285	0,002	0,008	0,091	FALSE
0,068	0,281	0,001	0,008	0,048	FALSE
0,070	0,302	0,002	0,007	0,088	FALSE
0,035	0,293	0,001	0,011	0,042	FALSE
0,030	0,310	0,001	0,012	0,033	FALSE
0,006	0,300	0,000	0,012	0,011	FALSE
0,027	0,292	0,003	0,010	0,108	FALSE
0,016	0,272	0,002	0,008	0,096	FALSE
-0,007	0,281	0,002	0,010	0,060	FALSE
-0,217	0,286	-0,006	0,009	0,298	FALSE
-0,137	0,289	-0,003	0,008	0,142	FALSE
0,020	0,272	-0,003	0,012	0,097	FALSE
-0,079	0,286	-0,005	0,009	0,210	FALSE
-0,010	0,295	0,001	0,012	0,042	FALSE
-0,071	0,272	-0,002	0,011	0,053	FALSE
0,034	0,289	-0,002	0,011	0,054	FALSE
0,068	0,288	0,000	0,008	0,015	FALSE
0,036	0,287	0,001	0,006	0,064	FALSE
0,081	0,284	0,000	0,008	0,004	FALSE
-0,132	0,277	-0,005	0,011	0,168	FALSE
-0,011	0,299	0,000	0,013	0,014	FALSE
0,057	0,297	0,002	0,006	0,101	FALSE
0,123	0,299	0,003	0,009	0,146	FALSE
-0,167	0,284	-0,006	0,009	0,306	FALSE
-0,022	0,302	0,000	0,009	0,004	FALSE
0,123	0,284	0,004	0,007	0,238	FALSE
0,092	0,292	0,004	0,011	0,153	TRUE
-0,034	0,280	-0,001	0,008	0,063	FALSE
-0,148	0,286	-0,005	0,010	0,188	FALSE
0,025	0,295	0,001	0,007	0,062	FALSE
0,091	0,267	0,004	0,009	0,202	FALSE
0,021	0,289	0,000	0,009	0,019	FALSE
-0,123	0,284	-0,003	0,009	0,131	FALSE
-0,073	0,289	-0,002	0,007	0,094	FALSE
0,114	0,297	0,004	0,013	0,124	FALSE
0,043	0,293	0,004	0,012	0,123	FALSE
-0,136	0,282	-0,003	0,007	0,187	FALSE
0,000	0,302	0,000	0,009	0,004	FALSE
0,070	0,287	0,000	0,006	0,003	FALSE
-0,031	0,272	-0,002	0,007	0,095	FALSE
-0,096	0,286	-0,004	0,011	0,136	FALSE
-0,186	0,291	-0,004	0,006	0,240	FALSE
-0,060	0,286	-0,001	0,006	0,068	FALSE
-0,089	0,291	-0,001	0,008	0,071	FALSE
-0,043	0,283	-0,004	0,012	0,138	FALSE
-0,024	0,288	0,000	0,010	0,001	FALSE

-0,049	0,296	-0,002	0,011	0,067	FALSE
-0,075	0,291	-0,002	0,011	0,085	FALSE
0,129	0,294	0,002	0,007	0,127	FALSE
-0,070	0,289	-0,002	0,012	0,059	FALSE
-0,181	0,276	-0,004	0,008	0,219	FALSE
-0,043	0,295	-0,001	0,009	0,064	FALSE
0,061	0,288	0,000	0,007	0,022	FALSE
-0,105	0,289	-0,002	0,007	0,112	FALSE
0,087	0,306	0,001	0,008	0,069	FALSE
0,012	0,291	-0,001	0,008	0,043	FALSE
0,015	0,292	-0,001	0,008	0,027	FALSE
0,047	0,295	0,002	0,013	0,051	FALSE
-0,017	0,292	-0,002	0,008	0,095	FALSE
-0,106	0,304	-0,005	0,013	0,143	FALSE
-0,158	0,292	-0,004	0,009	0,163	FALSE
0,078	0,295	0,002	0,008	0,093	FALSE
0,079	0,305	0,003	0,012	0,091	FALSE
0,062	0,280	0,004	0,012	0,112	FALSE
0,105	0,297	0,003	0,013	0,104	FALSE
-0,045	0,275	0,000	0,006	0,000	FALSE
0,174	0,292	0,006	0,012	0,208	FALSE
0,053	0,290	0,002	0,007	0,122	FALSE
0,119	0,288	0,002	0,007	0,124	FALSE
-0,017	0,277	-0,001	0,009	0,051	FALSE
0,004	0,291	0,000	0,009	0,006	FALSE
-0,091	0,291	-0,002	0,008	0,115	FALSE
0,004	0,287	0,000	0,007	0,006	FALSE
0,000	0,294	0,000	0,010	0,008	FALSE
0,035	0,305	0,001	0,012	0,042	FALSE
-0,066	0,293	-0,001	0,007	0,080	FALSE
-0,072	0,302	-0,003	0,010	0,120	FALSE
-0,177	0,286	-0,005	0,008	0,252	FALSE
0,026	0,293	0,001	0,010	0,047	FALSE
0,021	0,297	0,000	0,008	0,004	FALSE
0,023	0,287	0,001	0,013	0,026	FALSE
0,075	0,284	0,002	0,007	0,096	FALSE
0,010	0,293	0,001	0,013	0,016	FALSE
0,072	0,287	0,001	0,007	0,066	FALSE
0,069	0,302	0,001	0,008	0,065	FALSE
-0,028	0,284	-0,002	0,007	0,082	FALSE
-0,018	0,275	-0,001	0,006	0,055	FALSE
0,062	0,293	0,002	0,010	0,089	FALSE
-0,122	0,283	-0,005	0,013	0,153	FALSE
0,088	0,294	0,004	0,011	0,158	FALSE
0,077	0,289	0,004	0,011	0,133	FALSE
-0,007	0,293	0,000	0,012	0,013	FALSE
-0,041	0,294	-0,003	0,009	0,141	FALSE
0,024	0,290	0,001	0,007	0,066	FALSE
0,032	0,291	0,002	0,011	0,073	FALSE
0,054	0,287	0,003	0,010	0,101	FALSE
0,012	0,306	-0,001	0,008	0,026	FALSE
-0,045	0,293	-0,003	0,012	0,105	FALSE
-0,058	0,297	-0,001	0,013	0,022	FALSE

-0,007	0,283	-0,003	0,013	0,102	FALSE
-0,003	0,289	-0,003	0,013	0,088	FALSE
0,026	0,275	-0,002	0,013	0,044	FALSE
0,020	0,288	0,003	0,013	0,088	FALSE
-0,009	0,292	0,001	0,007	0,028	FALSE
-0,031	0,288	-0,004	0,011	0,145	FALSE
-0,139	0,292	-0,002	0,008	0,123	FALSE
-0,189	0,276	-0,003	0,007	0,190	FALSE
-0,069	0,286	-0,003	0,009	0,108	FALSE
-0,016	0,287	-0,001	0,009	0,043	FALSE
0,129	0,284	0,004	0,011	0,156	FALSE
0,199	0,297	0,004	0,008	0,229	FALSE
0,080	0,288	0,004	0,013	0,104	FALSE
-0,030	0,286	0,000	0,008	0,005	FALSE
0,243	0,282	0,008	0,010	0,386	FALSE
-0,077	0,294	-0,002	0,007	0,100	FALSE
0,017	0,282	0,001	0,008	0,029	FALSE
0,177	0,274	0,005	0,009	0,214	FALSE
0,107	0,282	0,003	0,011	0,097	FALSE
0,158	0,308	0,007	0,014	0,210	FALSE
0,008	0,288	0,000	0,007	0,024	FALSE
-0,040	0,287	0,000	0,011	0,006	FALSE
0,075	0,299	0,003	0,011	0,105	FALSE
-0,130	0,303	-0,006	0,013	0,201	FALSE
0,123	0,289	0,004	0,012	0,142	FALSE
0,076	0,270	0,001	0,008	0,040	FALSE
0,119	0,299	0,002	0,009	0,107	FALSE
0,069	0,299	0,002	0,010	0,060	FALSE
-0,111	0,290	-0,003	0,006	0,228	FALSE
0,018	0,291	0,001	0,008	0,061	FALSE
-0,051	0,298	-0,001	0,007	0,072	FALSE
-0,052	0,281	-0,001	0,006	0,084	FALSE
0,011	0,294	0,001	0,012	0,024	FALSE
0,032	0,280	0,002	0,011	0,049	FALSE
0,073	0,286	0,002	0,010	0,082	FALSE
0,016	0,297	0,001	0,012	0,026	FALSE
0,023	0,304	0,001	0,013	0,037	FALSE
-0,018	0,285	0,000	0,006	0,016	FALSE
0,033	0,286	0,000	0,009	0,001	FALSE
0,114	0,298	0,003	0,008	0,157	FALSE
0,049	0,294	0,000	0,009	0,003	FALSE
0,110	0,291	0,006	0,013	0,184	FALSE
-0,009	0,293	-0,003	0,013	0,083	FALSE
0,101	0,298	0,002	0,007	0,098	FALSE
-0,015	0,280	-0,001	0,006	0,041	FALSE
0,061	0,304	0,001	0,010	0,043	FALSE
0,026	0,279	0,000	0,012	0,005	FALSE
-0,035	0,291	-0,003	0,011	0,093	FALSE
-0,101	0,287	-0,002	0,008	0,081	FALSE
-0,184	0,283	-0,004	0,008	0,212	FALSE
0,037	0,298	0,001	0,012	0,025	FALSE
-0,006	0,288	0,001	0,007	0,054	FALSE
0,063	0,297	0,002	0,006	0,112	FALSE

0,146	0,290	0,003	0,007	0,165	FALSE
0,095	0,296	0,004	0,013	0,110	FALSE
0,041	0,295	0,002	0,007	0,093	FALSE
0,041	0,292	0,003	0,010	0,109	FALSE
0,026	0,281	0,000	0,007	0,010	FALSE
0,019	0,285	0,000	0,011	0,013	FALSE
0,080	0,284	0,005	0,012	0,179	FALSE
0,054	0,299	0,001	0,008	0,042	FALSE
-0,090	0,294	-0,005	0,013	0,150	FALSE
0,061	0,284	-0,001	0,011	0,023	FALSE
-0,010	0,308	-0,002	0,013	0,060	FALSE
-0,090	0,289	-0,001	0,013	0,035	FALSE
-0,068	0,286	-0,001	0,013	0,025	FALSE
-0,088	0,292	-0,002	0,013	0,046	FALSE
-0,058	0,273	0,000	0,012	0,001	FALSE
-0,076	0,289	-0,001	0,013	0,024	FALSE
-0,039	0,306	-0,001	0,007	0,039	FALSE
-0,022	0,279	-0,004	0,009	0,173	FALSE
0,103	0,268	0,003	0,007	0,163	FALSE
0,001	0,273	0,002	0,008	0,079	FALSE
0,184	0,290	0,004	0,008	0,254	FALSE
0,051	0,295	0,002	0,009	0,064	FALSE
0,054	0,292	0,005	0,013	0,142	FALSE
0,032	0,301	0,000	0,009	0,015	FALSE
0,049	0,307	0,001	0,009	0,032	FALSE
0,116	0,298	0,007	0,013	0,219	FALSE
0,063	0,301	0,005	0,012	0,164	FALSE
-0,040	0,289	-0,003	0,011	0,111	FALSE
-0,006	0,292	0,000	0,012	0,013	FALSE
0,000	0,304	0,000	0,012	0,002	FALSE
0,000	0,296	0,000	0,012	0,003	FALSE
0,010	0,296	0,000	0,013	0,011	FALSE
0,010	0,284	0,002	0,008	0,081	FALSE
0,021	0,274	0,002	0,010	0,067	FALSE
-0,045	0,291	-0,002	0,010	0,057	FALSE
-0,032	0,293	0,000	0,006	0,011	FALSE
0,045	0,303	0,000	0,014	0,001	FALSE
-0,125	0,284	-0,003	0,008	0,145	FALSE
-0,105	0,276	-0,002	0,009	0,107	FALSE
-0,126	0,276	-0,005	0,013	0,173	FALSE
-0,019	0,276	-0,001	0,011	0,018	FALSE
0,050	0,304	0,001	0,013	0,037	FALSE
-0,165	0,283	-0,008	0,012	0,285	FALSE
0,012	0,314	0,003	0,014	0,075	FALSE
0,006	0,285	0,003	0,013	0,076	FALSE
-0,080	0,302	-0,001	0,009	0,059	FALSE
0,114	0,292	0,004	0,009	0,182	FALSE
-0,039	0,281	-0,001	0,007	0,080	FALSE
0,112	0,293	0,002	0,007	0,123	FALSE
-0,098	0,298	-0,003	0,012	0,095	FALSE
0,129	0,295	0,002	0,007	0,122	FALSE
-0,065	0,291	-0,002	0,007	0,101	FALSE
-0,139	0,270	-0,003	0,011	0,115	FALSE

0,011	0,287	0,001	0,011	0,045	FALSE
-0,020	0,283	-0,001	0,007	0,035	FALSE
0,011	0,282	0,001	0,009	0,036	FALSE
-0,109	0,279	-0,003	0,007	0,170	FALSE
0,113	0,286	0,006	0,011	0,249	FALSE
0,039	0,275	0,003	0,011	0,110	FALSE
-0,148	0,284	-0,003	0,008	0,165	FALSE
-0,072	0,279	-0,002	0,009	0,074	FALSE
-0,108	0,294	-0,004	0,013	0,119	FALSE
-0,088	0,289	-0,002	0,012	0,079	FALSE
-0,004	0,303	0,000	0,008	0,014	FALSE
-0,001	0,288	0,000	0,007	0,023	FALSE
-0,087	0,292	-0,004	0,012	0,125	FALSE
-0,085	0,282	-0,001	0,011	0,021	FALSE
-0,136	0,282	-0,004	0,010	0,168	FALSE
-0,063	0,291	-0,003	0,011	0,102	FALSE
0,049	0,291	0,000	0,009	0,010	FALSE
-0,022	0,286	0,000	0,011	0,008	FALSE
-0,188	0,290	-0,007	0,012	0,239	FALSE
-0,041	0,279	-0,001	0,010	0,035	FALSE
0,167	0,276	0,003	0,011	0,107	FALSE
-0,078	0,284	-0,001	0,009	0,042	FALSE
-0,010	0,293	-0,002	0,008	0,079	FALSE
-0,040	0,281	-0,001	0,010	0,021	FALSE
-0,074	0,295	-0,003	0,011	0,108	FALSE
-0,104	0,279	-0,004	0,011	0,151	FALSE
-0,154	0,294	-0,006	0,012	0,229	FALSE
0,089	0,293	0,003	0,008	0,125	FALSE
-0,152	0,281	-0,004	0,011	0,159	FALSE
-0,027	0,276	-0,002	0,010	0,082	FALSE
0,077	0,286	0,001	0,008	0,026	FALSE
0,116	0,296	0,002	0,009	0,105	FALSE
0,010	0,288	-0,001	0,006	0,074	FALSE
-0,006	0,283	0,000	0,008	0,003	FALSE
-0,002	0,306	0,000	0,010	0,003	FALSE
-0,012	0,296	0,000	0,009	0,007	FALSE
-0,061	0,284	-0,002	0,012	0,060	FALSE
0,099	0,295	0,005	0,012	0,150	FALSE
0,036	0,298	-0,001	0,007	0,043	FALSE
0,044	0,293	0,000	0,010	0,012	FALSE
-0,056	0,289	-0,002	0,008	0,084	FALSE
-0,026	0,280	0,000	0,007	0,025	FALSE
-0,015	0,286	-0,001	0,012	0,026	FALSE
0,097	0,290	0,002	0,008	0,096	FALSE
0,014	0,291	0,001	0,009	0,037	FALSE
-0,041	0,283	-0,002	0,011	0,061	FALSE
0,055	0,298	0,000	0,007	0,001	FALSE
0,059	0,288	0,003	0,011	0,101	FALSE
0,110	0,285	0,003	0,007	0,210	FALSE
-0,028	0,301	0,000	0,006	0,027	FALSE
0,002	0,291	-0,001	0,010	0,024	FALSE
0,043	0,280	0,000	0,007	0,018	FALSE
-0,189	0,292	-0,005	0,008	0,269	FALSE

0,091	0,294	0,005	0,013	0,138	FALSE
0,011	0,285	0,000	0,008	0,019	FALSE
-0,072	0,297	-0,004	0,011	0,142	FALSE
-0,009	0,300	0,000	0,009	0,011	FALSE
-0,163	0,281	-0,006	0,012	0,229	FALSE
-0,038	0,299	-0,001	0,014	0,040	FALSE
0,028	0,303	0,000	0,010	0,005	FALSE
0,007	0,283	-0,001	0,012	0,018	FALSE
0,051	0,273	0,003	0,012	0,092	FALSE
0,018	0,289	0,001	0,012	0,038	FALSE
0,011	0,279	0,002	0,012	0,047	FALSE
0,056	0,291	0,003	0,012	0,092	FALSE
0,053	0,294	0,002	0,013	0,053	FALSE
-0,240	0,281	-0,005	0,007	0,294	FALSE
0,083	0,285	0,003	0,010	0,108	FALSE
0,127	0,287	0,004	0,010	0,174	FALSE
0,106	0,301	0,003	0,010	0,132	FALSE
0,092	0,282	0,003	0,010	0,124	FALSE
0,110	0,289	0,004	0,010	0,156	FALSE
0,006	0,278	0,001	0,008	0,029	FALSE
-0,050	0,286	-0,002	0,013	0,049	FALSE
0,144	0,276	0,005	0,008	0,249	FALSE
0,119	0,266	0,005	0,012	0,175	FALSE
0,013	0,283	0,002	0,011	0,050	FALSE
0,136	0,290	0,004	0,012	0,119	FALSE
-0,119	0,287	-0,004	0,011	0,127	FALSE
-0,092	0,280	-0,002	0,007	0,078	FALSE
-0,092	0,286	-0,003	0,008	0,130	FALSE
-0,050	0,304	-0,002	0,013	0,052	FALSE
-0,121	0,272	-0,003	0,007	0,171	FALSE
0,006	0,288	0,001	0,007	0,056	FALSE
-0,060	0,300	-0,003	0,009	0,137	FALSE
0,107	0,291	0,006	0,010	0,230	FALSE
0,030	0,295	0,001	0,007	0,048	FALSE
-0,034	0,298	-0,001	0,007	0,027	FALSE
0,001	0,294	0,001	0,009	0,028	FALSE
-0,008	0,278	0,001	0,013	0,035	FALSE
-0,056	0,280	-0,001	0,007	0,082	FALSE
-0,034	0,281	0,000	0,007	0,023	FALSE
0,071	0,291	0,003	0,013	0,076	FALSE
0,124	0,291	0,002	0,008	0,115	FALSE
-0,065	0,297	-0,002	0,010	0,078	FALSE
-0,058	0,283	-0,003	0,009	0,112	FALSE
0,105	0,295	0,004	0,008	0,213	FALSE
-0,070	0,293	-0,002	0,009	0,094	FALSE
0,084	0,292	0,003	0,008	0,171	FALSE
0,066	0,276	0,002	0,013	0,060	FALSE
0,029	0,297	0,002	0,008	0,089	FALSE
0,045	0,284	0,002	0,008	0,121	FALSE
-0,173	0,274	-0,007	0,009	0,324	FALSE
-0,161	0,286	-0,004	0,007	0,244	FALSE
-0,083	0,287	-0,002	0,007	0,119	FALSE
0,081	0,294	0,003	0,013	0,101	FALSE

0,119	0,285	0,005	0,012	0,189	FALSE
-0,071	0,294	-0,002	0,007	0,106	FALSE
-0,026	0,294	0,000	0,007	0,022	FALSE
-0,008	0,289	0,000	0,013	0,003	FALSE
-0,037	0,303	-0,001	0,013	0,022	FALSE
-0,009	0,292	-0,002	0,011	0,061	FALSE
0,039	0,300	0,001	0,008	0,052	FALSE
0,052	0,290	0,002	0,009	0,078	FALSE
-0,051	0,289	-0,002	0,007	0,114	FALSE
0,048	0,278	0,001	0,012	0,030	FALSE
0,071	0,299	0,002	0,013	0,065	FALSE
0,031	0,289	0,003	0,011	0,098	FALSE
-0,019	0,289	0,000	0,013	0,014	FALSE
0,044	0,273	-0,001	0,013	0,029	FALSE
0,073	0,294	0,003	0,007	0,152	FALSE
-0,056	0,300	-0,003	0,010	0,133	FALSE
-0,083	0,289	-0,002	0,009	0,094	FALSE
-0,156	0,283	-0,006	0,013	0,184	FALSE
-0,050	0,294	-0,001	0,010	0,039	FALSE
0,121	0,280	0,003	0,011	0,118	FALSE
0,029	0,278	-0,001	0,007	0,061	FALSE
0,177	0,272	0,005	0,008	0,263	FALSE
0,019	0,294	0,002	0,011	0,081	FALSE
-0,236	0,284	-0,009	0,010	0,403	FALSE
0,003	0,294	-0,001	0,010	0,018	FALSE
0,053	0,295	0,001	0,009	0,047	FALSE
0,031	0,290	0,000	0,010	0,011	FALSE
-0,122	0,275	-0,002	0,009	0,074	FALSE
0,023	0,268	0,002	0,006	0,112	FALSE
0,090	0,294	0,002	0,006	0,092	FALSE
-0,082	0,284	-0,001	0,007	0,072	FALSE
-0,159	0,276	-0,006	0,008	0,336	FALSE
0,110	0,286	0,005	0,011	0,177	FALSE
-0,106	0,286	-0,005	0,012	0,156	FALSE
-0,072	0,290	-0,003	0,013	0,081	FALSE
0,049	0,299	0,001	0,013	0,028	FALSE
-0,002	0,282	0,000	0,008	0,015	FALSE
0,038	0,299	0,000	0,009	0,010	FALSE
0,137	0,285	0,003	0,007	0,194	FALSE
0,033	0,288	-0,001	0,012	0,016	FALSE
-0,072	0,272	-0,002	0,011	0,058	FALSE
-0,002	0,282	-0,001	0,006	0,084	FALSE
-0,086	0,287	-0,003	0,007	0,169	FALSE
-0,170	0,273	-0,005	0,008	0,313	FALSE
-0,046	0,276	0,000	0,006	0,010	FALSE
-0,200	0,280	-0,004	0,007	0,245	FALSE
-0,190	0,275	-0,004	0,007	0,217	FALSE
-0,113	0,272	-0,004	0,010	0,170	FALSE
0,060	0,280	0,003	0,012	0,095	FALSE
-0,055	0,290	-0,002	0,012	0,076	FALSE
0,027	0,278	0,001	0,008	0,057	FALSE
0,064	0,293	0,003	0,010	0,110	FALSE
-0,206	0,272	-0,006	0,010	0,292	FALSE

-0,077	0,280	-0,001	0,007	0,043	FALSE
-0,017	0,299	-0,001	0,008	0,031	FALSE
0,028	0,278	0,001	0,012	0,014	FALSE
0,081	0,292	0,003	0,012	0,083	FALSE
-0,063	0,276	-0,004	0,009	0,181	FALSE
0,133	0,291	0,005	0,010	0,197	FALSE
0,051	0,292	0,001	0,008	0,039	FALSE
0,008	0,294	-0,002	0,011	0,061	FALSE
0,014	0,286	0,000	0,007	0,019	FALSE
0,037	0,280	0,001	0,007	0,047	FALSE
0,003	0,284	0,000	0,007	0,003	FALSE
-0,101	0,280	-0,003	0,008	0,142	FALSE
-0,129	0,302	-0,004	0,011	0,155	FALSE
-0,138	0,301	-0,005	0,012	0,192	FALSE
-0,023	0,284	-0,002	0,012	0,062	FALSE
-0,066	0,293	-0,001	0,008	0,074	FALSE
-0,121	0,289	-0,006	0,012	0,193	FALSE
-0,073	0,289	-0,003	0,012	0,114	FALSE
0,103	0,283	0,005	0,012	0,173	FALSE
-0,081	0,281	-0,002	0,006	0,112	FALSE
0,065	0,282	-0,001	0,007	0,032	FALSE
-0,154	0,275	-0,005	0,009	0,224	FALSE
0,056	0,290	0,003	0,011	0,118	FALSE
0,111	0,294	0,003	0,011	0,110	FALSE
-0,007	0,296	0,000	0,011	0,000	FALSE
-0,152	0,272	-0,005	0,012	0,186	FALSE
-0,122	0,289	-0,004	0,012	0,128	FALSE
-0,052	0,280	-0,002	0,008	0,115	FALSE
0,065	0,292	0,001	0,007	0,053	FALSE
-0,056	0,290	-0,001	0,010	0,042	FALSE
-0,067	0,286	-0,003	0,008	0,143	FALSE
-0,076	0,293	-0,001	0,013	0,039	FALSE
-0,023	0,282	0,000	0,008	0,002	FALSE
-0,028	0,283	0,000	0,007	0,011	FALSE
-0,003	0,283	0,003	0,010	0,103	FALSE
0,032	0,310	0,001	0,010	0,040	FALSE
-0,077	0,272	-0,001	0,010	0,041	FALSE
0,070	0,294	0,001	0,011	0,029	FALSE
0,098	0,287	0,002	0,011	0,057	FALSE
0,084	0,295	0,003	0,008	0,137	FALSE
-0,050	0,290	-0,001	0,006	0,068	FALSE
-0,140	0,290	-0,003	0,007	0,173	FALSE
-0,077	0,286	-0,002	0,007	0,081	FALSE
0,057	0,285	0,001	0,011	0,035	FALSE
-0,179	0,283	-0,004	0,008	0,201	FALSE
-0,151	0,285	-0,005	0,012	0,183	FALSE
0,142	0,292	0,004	0,009	0,178	FALSE
0,017	0,294	0,001	0,013	0,018	FALSE
-0,042	0,276	-0,004	0,013	0,130	FALSE
-0,037	0,293	0,000	0,012	0,007	FALSE
0,037	0,291	0,001	0,009	0,035	FALSE
0,002	0,292	-0,001	0,012	0,038	FALSE
0,043	0,291	0,003	0,012	0,085	FALSE

0,139	0,286	0,007	0,013	0,242	FALSE
0,057	0,293	0,002	0,006	0,106	FALSE
0,090	0,288	0,003	0,012	0,089	FALSE
0,019	0,296	0,001	0,007	0,058	FALSE
-0,063	0,291	-0,001	0,013	0,038	FALSE
-0,059	0,299	-0,002	0,013	0,045	FALSE
-0,121	0,290	-0,004	0,010	0,154	FALSE
0,064	0,283	0,000	0,007	0,008	FALSE
-0,039	0,297	-0,001	0,011	0,045	FALSE
-0,077	0,305	-0,001	0,008	0,045	FALSE
0,038	0,297	0,000	0,007	0,002	FALSE
0,038	0,291	0,001	0,012	0,026	FALSE
0,026	0,274	0,000	0,012	0,014	FALSE
-0,052	0,286	-0,001	0,007	0,061	FALSE
0,006	0,278	0,000	0,008	0,016	FALSE
-0,050	0,302	-0,002	0,013	0,050	FALSE
0,092	0,278	0,003	0,009	0,125	FALSE
0,094	0,297	0,003	0,010	0,139	FALSE
-0,079	0,284	-0,003	0,009	0,111	FALSE
-0,052	0,294	-0,004	0,013	0,119	FALSE
0,026	0,285	0,000	0,011	0,011	FALSE
-0,052	0,271	-0,002	0,008	0,109	FALSE
-0,088	0,290	-0,002	0,009	0,109	FALSE
-0,005	0,288	0,000	0,010	0,005	FALSE
0,024	0,302	0,003	0,013	0,075	FALSE
0,016	0,306	0,001	0,013	0,027	FALSE
-0,069	0,286	-0,001	0,007	0,073	FALSE
-0,055	0,292	0,000	0,006	0,025	FALSE
-0,140	0,283	-0,005	0,012	0,158	FALSE
-0,124	0,294	-0,005	0,012	0,151	FALSE
-0,097	0,305	-0,004	0,008	0,190	FALSE
-0,138	0,296	-0,005	0,013	0,163	FALSE
0,115	0,269	0,007	0,012	0,234	FALSE
0,029	0,287	0,000	0,007	0,011	FALSE
-0,035	0,279	-0,002	0,007	0,085	FALSE
0,038	0,277	0,000	0,011	0,004	FALSE
-0,076	0,300	-0,003	0,013	0,090	FALSE
0,198	0,285	0,008	0,013	0,253	FALSE
-0,051	0,293	0,000	0,013	0,013	FALSE
-0,063	0,275	0,000	0,011	0,009	FALSE
0,035	0,283	0,002	0,007	0,106	FALSE
0,037	0,295	0,002	0,007	0,090	FALSE
-0,109	0,276	-0,001	0,010	0,041	FALSE
0,044	0,301	0,002	0,009	0,063	FALSE
0,114	0,298	0,001	0,007	0,057	FALSE
-0,005	0,284	0,000	0,012	0,014	FALSE
-0,043	0,283	-0,001	0,009	0,058	FALSE
0,002	0,290	0,000	0,013	0,000	FALSE
0,099	0,288	0,002	0,010	0,088	FALSE
0,021	0,292	0,000	0,007	0,004	FALSE
-0,153	0,274	-0,006	0,010	0,267	FALSE
-0,161	0,291	-0,006	0,010	0,253	FALSE
-0,188	0,283	-0,009	0,012	0,345	FALSE

-0,195	0,267	-0,007	0,010	0,353	FALSE
-0,166	0,288	-0,007	0,011	0,289	FALSE
-0,094	0,296	-0,002	0,007	0,098	FALSE
-0,046	0,295	-0,004	0,011	0,132	FALSE
-0,065	0,280	-0,004	0,009	0,164	FALSE
-0,103	0,289	-0,003	0,010	0,122	FALSE
-0,067	0,292	-0,002	0,009	0,106	FALSE
0,169	0,281	0,003	0,007	0,202	FALSE
-0,049	0,296	-0,002	0,009	0,071	FALSE
-0,017	0,276	-0,003	0,011	0,091	FALSE
0,186	0,278	0,004	0,008	0,194	FALSE
-0,064	0,303	-0,002	0,014	0,056	FALSE
0,009	0,295	-0,001	0,014	0,034	FALSE
0,073	0,285	0,003	0,010	0,123	FALSE
-0,070	0,298	-0,002	0,013	0,063	FALSE
0,034	0,292	0,002	0,013	0,055	FALSE
0,037	0,290	0,002	0,012	0,051	FALSE
0,015	0,289	-0,001	0,009	0,040	FALSE
-0,039	0,282	-0,001	0,012	0,029	FALSE
-0,081	0,290	-0,002	0,008	0,072	FALSE
-0,076	0,303	-0,002	0,007	0,077	FALSE
0,091	0,283	0,003	0,010	0,107	FALSE
0,048	0,289	0,001	0,011	0,034	FALSE
0,016	0,298	0,001	0,008	0,048	FALSE
0,185	0,287	0,004	0,007	0,238	FALSE
-0,050	0,293	-0,001	0,008	0,066	FALSE
-0,007	0,290	-0,001	0,008	0,040	FALSE
0,047	0,295	0,001	0,007	0,035	FALSE
-0,155	0,281	-0,005	0,013	0,144	FALSE
-0,123	0,288	-0,002	0,008	0,112	FALSE
0,124	0,281	0,004	0,013	0,119	FALSE
0,016	0,295	0,000	0,007	0,003	FALSE
-0,067	0,289	-0,002	0,013	0,057	FALSE
-0,008	0,296	0,000	0,013	0,008	FALSE
-0,061	0,281	-0,001	0,011	0,034	FALSE
-0,058	0,290	-0,001	0,011	0,026	FALSE
0,187	0,273	0,006	0,011	0,238	FALSE
0,067	0,284	0,001	0,007	0,057	FALSE
-0,065	0,286	-0,003	0,009	0,114	FALSE
0,149	0,276	0,005	0,009	0,243	FALSE
-0,154	0,280	-0,005	0,009	0,236	FALSE
0,054	0,285	0,002	0,008	0,073	FALSE
0,094	0,283	0,003	0,009	0,137	FALSE
-0,015	0,302	0,001	0,011	0,034	FALSE
-0,046	0,286	-0,001	0,008	0,042	FALSE
0,121	0,284	0,005	0,011	0,170	FALSE
0,077	0,289	0,003	0,008	0,124	FALSE
0,028	0,291	-0,001	0,010	0,019	FALSE
0,061	0,291	0,001	0,007	0,064	FALSE
-0,019	0,295	-0,001	0,007	0,056	FALSE
0,006	0,284	0,001	0,007	0,073	FALSE
0,027	0,288	0,002	0,009	0,080	FALSE
0,050	0,281	0,002	0,010	0,066	FALSE

0,030	0,293	-0,001	0,013	0,037	FALSE
-0,042	0,287	-0,002	0,010	0,099	FALSE
-0,045	0,295	-0,001	0,010	0,046	FALSE
0,047	0,294	0,001	0,008	0,045	FALSE
-0,051	0,288	-0,003	0,011	0,100	FALSE
-0,117	0,281	-0,003	0,011	0,119	FALSE
0,013	0,277	0,001	0,006	0,076	FALSE
0,037	0,286	0,002	0,008	0,083	FALSE
-0,076	0,301	-0,003	0,008	0,140	FALSE
0,131	0,294	0,003	0,009	0,150	FALSE
0,130	0,303	0,003	0,009	0,153	FALSE
-0,066	0,289	-0,002	0,010	0,068	FALSE
-0,040	0,296	-0,001	0,012	0,037	FALSE
-0,006	0,277	0,001	0,009	0,036	FALSE
0,025	0,301	0,002	0,010	0,077	FALSE
0,024	0,305	0,002	0,010	0,073	FALSE
0,124	0,281	0,002	0,012	0,074	FALSE
-0,088	0,285	-0,002	0,009	0,099	FALSE
0,191	0,271	0,008	0,013	0,288	FALSE
-0,044	0,299	-0,003	0,007	0,161	FALSE
-0,009	0,297	0,000	0,009	0,000	FALSE
0,055	0,281	0,003	0,007	0,172	FALSE
0,004	0,310	0,000	0,007	0,023	FALSE
0,087	0,274	0,005	0,009	0,217	FALSE
0,033	0,298	0,001	0,006	0,085	FALSE
-0,011	0,293	-0,001	0,012	0,035	FALSE
-0,012	0,286	-0,001	0,013	0,016	FALSE
0,067	0,290	0,003	0,013	0,087	FALSE
-0,059	0,287	-0,004	0,012	0,149	FALSE
0,020	0,272	0,000	0,007	0,004	FALSE
-0,070	0,288	-0,003	0,007	0,142	FALSE
0,184	0,283	0,008	0,012	0,293	FALSE
-0,076	0,289	-0,003	0,013	0,092	FALSE
-0,139	0,283	-0,003	0,010	0,118	FALSE
0,011	0,296	0,002	0,007	0,105	FALSE
0,001	0,279	0,000	0,007	0,020	FALSE
-0,022	0,287	-0,002	0,008	0,095	FALSE
-0,055	0,295	-0,001	0,010	0,018	TRUE
0,211	0,277	0,007	0,009	0,343	FALSE
-0,005	0,283	-0,002	0,011	0,075	FALSE
0,101	0,287	0,003	0,009	0,123	FALSE
0,115	0,280	0,001	0,007	0,071	FALSE
0,130	0,302	0,003	0,008	0,146	FALSE
-0,026	0,293	-0,001	0,009	0,054	FALSE
0,060	0,304	0,000	0,011	0,008	FALSE
0,119	0,292	0,003	0,009	0,117	FALSE
0,038	0,282	0,000	0,007	0,008	FALSE
0,036	0,292	0,002	0,013	0,057	FALSE
-0,165	0,281	-0,005	0,011	0,180	FALSE
-0,081	0,298	-0,002	0,013	0,055	FALSE
0,104	0,296	0,002	0,007	0,092	FALSE
-0,037	0,292	0,000	0,006	0,019	FALSE
0,015	0,281	0,001	0,012	0,024	FALSE

0,023	0,286	0,000	0,009	0,009	FALSE
-0,078	0,298	-0,002	0,008	0,120	FALSE
-0,057	0,294	-0,001	0,007	0,039	FALSE
-0,070	0,299	-0,001	0,008	0,059	FALSE
0,012	0,290	0,000	0,007	0,009	FALSE
0,150	0,294	0,003	0,009	0,150	FALSE
0,061	0,289	0,000	0,007	0,001	FALSE
0,069	0,284	0,000	0,008	0,009	FALSE
-0,163	0,299	-0,008	0,013	0,264	TRUE
-0,019	0,289	-0,001	0,013	0,018	FALSE
-0,029	0,294	-0,003	0,010	0,118	FALSE
0,004	0,303	-0,001	0,010	0,048	FALSE
-0,001	0,306	-0,001	0,010	0,053	FALSE
-0,165	0,292	-0,005	0,013	0,169	FALSE
0,033	0,284	0,001	0,007	0,038	FALSE
-0,104	0,296	-0,002	0,009	0,089	FALSE
-0,063	0,285	-0,004	0,010	0,156	FALSE
0,001	0,284	0,000	0,006	0,017	FALSE
-0,026	0,289	0,000	0,011	0,007	FALSE
-0,030	0,282	0,001	0,013	0,025	FALSE
-0,182	0,279	-0,004	0,007	0,244	FALSE
-0,039	0,316	-0,001	0,010	0,029	FALSE
0,002	0,288	0,000	0,007	0,011	FALSE
-0,111	0,294	-0,003	0,013	0,091	FALSE
-0,005	0,280	0,000	0,008	0,006	FALSE
0,084	0,279	0,003	0,008	0,169	FALSE
0,034	0,300	0,002	0,012	0,050	FALSE
-0,047	0,276	-0,002	0,012	0,059	FALSE
-0,030	0,294	-0,001	0,007	0,033	FALSE
0,060	0,290	0,002	0,010	0,063	FALSE
-0,086	0,286	-0,003	0,007	0,161	FALSE
0,104	0,279	0,004	0,007	0,227	FALSE
0,060	0,282	0,004	0,007	0,200	FALSE
-0,032	0,293	0,001	0,011	0,027	FALSE
-0,084	0,293	-0,001	0,010	0,051	FALSE
-0,043	0,290	-0,003	0,010	0,114	FALSE
0,058	0,298	0,001	0,010	0,028	FALSE
-0,036	0,285	0,001	0,009	0,023	FALSE
0,159	0,282	0,006	0,012	0,190	FALSE
0,123	0,277	0,003	0,008	0,148	FALSE
0,106	0,301	0,003	0,008	0,129	FALSE
0,044	0,285	0,001	0,010	0,053	FALSE
0,026	0,283	-0,001	0,009	0,059	FALSE
0,027	0,287	0,000	0,011	0,003	FALSE
0,011	0,288	-0,001	0,008	0,044	FALSE
0,005	0,284	0,000	0,007	0,007	FALSE
0,121	0,280	0,004	0,010	0,160	FALSE
0,092	0,295	0,002	0,006	0,122	FALSE
0,023	0,285	0,000	0,006	0,007	FALSE
0,003	0,289	-0,001	0,007	0,033	FALSE
0,082	0,303	0,002	0,007	0,094	FALSE
-0,047	0,294	-0,001	0,007	0,049	FALSE
0,008	0,287	0,003	0,013	0,100	FALSE

0,016	0,291	0,004	0,013	0,108	FALSE
0,022	0,283	0,004	0,013	0,119	FALSE
-0,070	0,285	-0,003	0,008	0,130	FALSE
0,057	0,307	0,001	0,010	0,050	FALSE
-0,019	0,296	-0,001	0,009	0,053	FALSE
-0,057	0,291	-0,002	0,011	0,050	FALSE
-0,003	0,309	-0,001	0,010	0,020	FALSE
-0,116	0,282	-0,001	0,007	0,081	FALSE
0,035	0,284	-0,002	0,011	0,073	FALSE
0,050	0,268	0,000	0,008	0,004	FALSE
0,053	0,276	0,000	0,009	0,000	FALSE
0,000	0,298	-0,003	0,011	0,089	FALSE
-0,006	0,272	-0,003	0,011	0,120	FALSE
-0,015	0,285	-0,003	0,011	0,124	FALSE
0,056	0,282	-0,001	0,009	0,029	FALSE
0,032	0,294	0,000	0,007	0,024	FALSE
0,004	0,285	-0,002	0,011	0,082	FALSE
-0,033	0,282	-0,001	0,010	0,056	FALSE
0,122	0,275	0,002	0,009	0,071	FALSE
-0,051	0,274	0,000	0,008	0,007	FALSE
-0,103	0,289	-0,002	0,008	0,101	FALSE
-0,024	0,290	0,001	0,009	0,023	FALSE
-0,075	0,286	-0,001	0,008	0,058	FALSE
-0,048	0,282	0,000	0,008	0,017	FALSE
0,026	0,292	0,001	0,007	0,029	FALSE
-0,010	0,291	0,002	0,010	0,064	FALSE
-0,098	0,289	-0,001	0,009	0,061	FALSE
-0,073	0,283	-0,003	0,012	0,110	FALSE
-0,023	0,279	-0,001	0,009	0,023	FALSE
-0,003	0,298	0,000	0,013	0,005	FALSE
-0,050	0,300	-0,002	0,008	0,072	FALSE
-0,130	0,282	-0,004	0,012	0,145	FALSE
-0,021	0,284	-0,001	0,010	0,035	FALSE
-0,038	0,278	-0,001	0,011	0,039	FALSE
0,018	0,286	0,001	0,007	0,050	FALSE
-0,027	0,291	-0,002	0,013	0,066	FALSE
-0,100	0,291	-0,002	0,008	0,119	FALSE
0,052	0,286	0,001	0,012	0,023	FALSE
-0,075	0,297	-0,002	0,010	0,055	FALSE
0,030	0,287	-0,001	0,007	0,062	FALSE
-0,014	0,289	0,000	0,008	0,020	FALSE
-0,107	0,292	-0,003	0,008	0,140	FALSE
0,101	0,298	0,002	0,008	0,105	FALSE
0,143	0,292	0,002	0,007	0,130	FALSE
0,045	0,291	0,002	0,012	0,049	FALSE
0,006	0,274	-0,001	0,007	0,026	FALSE
0,091	0,289	0,003	0,012	0,094	FALSE
0,004	0,288	0,001	0,009	0,035	FALSE
0,059	0,293	0,000	0,008	0,003	FALSE
-0,135	0,282	-0,003	0,007	0,174	FALSE
-0,096	0,284	-0,004	0,013	0,132	FALSE
-0,068	0,282	-0,003	0,008	0,159	FALSE
0,089	0,292	0,001	0,008	0,068	FALSE

-0,107	0,279	-0,003	0,011	0,098	FALSE
-0,083	0,293	-0,002	0,012	0,061	FALSE
-0,074	0,283	-0,001	0,011	0,044	FALSE
0,059	0,285	0,002	0,007	0,129	FALSE
-0,108	0,290	-0,003	0,011	0,089	FALSE
-0,070	0,283	-0,001	0,012	0,018	FALSE
0,004	0,297	-0,001	0,007	0,031	FALSE
-0,129	0,290	-0,004	0,010	0,180	FALSE
-0,003	0,287	0,000	0,009	0,002	FALSE
-0,081	0,289	-0,005	0,012	0,154	FALSE
-0,130	0,292	-0,006	0,010	0,259	FALSE
-0,097	0,305	-0,003	0,009	0,135	FALSE
0,117	0,298	0,002	0,006	0,092	FALSE
-0,003	0,280	0,002	0,008	0,097	FALSE
-0,125	0,303	-0,003	0,007	0,171	FALSE
-0,051	0,294	-0,001	0,007	0,050	FALSE
-0,032	0,296	0,000	0,008	0,003	FALSE
0,036	0,292	0,000	0,012	0,008	FALSE
0,059	0,293	0,001	0,007	0,047	FALSE
-0,108	0,283	-0,003	0,006	0,170	FALSE
0,039	0,303	0,001	0,007	0,039	FALSE
0,045	0,297	0,000	0,011	0,015	FALSE
0,009	0,282	0,000	0,010	0,017	FALSE
0,102	0,284	0,003	0,012	0,083	FALSE
0,010	0,291	0,002	0,012	0,048	FALSE
-0,039	0,285	-0,004	0,009	0,195	FALSE
0,101	0,300	0,004	0,010	0,151	FALSE
-0,083	0,280	-0,004	0,013	0,135	FALSE
0,170	0,283	0,005	0,009	0,220	FALSE
0,105	0,297	0,002	0,007	0,093	FALSE
0,039	0,293	0,001	0,009	0,040	FALSE
-0,070	0,274	-0,001	0,007	0,055	FALSE
0,123	0,280	0,004	0,012	0,142	FALSE
0,125	0,300	0,005	0,013	0,146	FALSE
-0,125	0,297	-0,004	0,011	0,158	FALSE
0,073	0,283	0,002	0,008	0,112	FALSE
0,116	0,268	0,008	0,011	0,302	FALSE
-0,101	0,287	-0,003	0,008	0,166	FALSE
-0,014	0,287	-0,001	0,013	0,022	FALSE
0,226	0,283	0,008	0,010	0,374	FALSE
-0,080	0,297	-0,004	0,013	0,124	FALSE
0,024	0,301	0,000	0,013	0,011	FALSE
-0,162	0,283	-0,003	0,006	0,179	FALSE
-0,089	0,292	-0,002	0,008	0,123	FALSE
-0,113	0,297	-0,005	0,012	0,161	FALSE
-0,093	0,296	-0,002	0,011	0,074	FALSE
-0,116	0,286	-0,002	0,006	0,128	FALSE
-0,130	0,300	-0,003	0,008	0,137	FALSE
0,141	0,283	0,002	0,007	0,135	FALSE
-0,018	0,284	0,000	0,008	0,016	FALSE
0,030	0,290	0,000	0,008	0,005	FALSE
-0,067	0,289	-0,002	0,011	0,074	FALSE
-0,035	0,293	-0,003	0,011	0,096	FALSE

0,001	0,292	0,001	0,010	0,049	FALSE
0,047	0,296	0,001	0,010	0,034	FALSE
0,008	0,283	0,000	0,007	0,018	FALSE
-0,051	0,284	0,000	0,009	0,014	FALSE
0,167	0,283	0,006	0,011	0,212	FALSE
-0,013	0,296	-0,001	0,011	0,016	FALSE
0,185	0,281	0,003	0,006	0,206	FALSE
-0,152	0,281	-0,007	0,012	0,256	FALSE
0,103	0,298	0,002	0,009	0,096	FALSE
-0,011	0,286	0,000	0,010	0,003	FALSE
-0,061	0,301	-0,003	0,011	0,100	FALSE
0,036	0,287	0,001	0,007	0,031	FALSE
-0,013	0,299	-0,001	0,007	0,050	FALSE
-0,017	0,305	0,000	0,012	0,010	FALSE
-0,049	0,278	0,002	0,013	0,063	FALSE
0,134	0,280	0,001	0,007	0,064	FALSE
-0,117	0,280	-0,003	0,006	0,191	FALSE
0,090	0,289	0,001	0,007	0,071	FALSE
0,000	0,280	0,001	0,008	0,036	FALSE
0,098	0,288	0,003	0,009	0,140	FALSE
-0,093	0,284	-0,002	0,006	0,153	FALSE
0,150	0,277	0,005	0,008	0,281	FALSE
-0,041	0,291	-0,002	0,006	0,090	FALSE
0,006	0,300	0,002	0,013	0,075	FALSE
-0,005	0,294	0,000	0,006	0,010	FALSE
-0,023	0,283	-0,001	0,012	0,042	FALSE
0,041	0,293	0,001	0,008	0,033	FALSE
0,219	0,276	0,009	0,013	0,317	FALSE
0,065	0,294	0,002	0,013	0,058	FALSE
0,127	0,284	0,006	0,012	0,206	FALSE
0,013	0,289	-0,001	0,010	0,029	FALSE
-0,127	0,279	-0,007	0,012	0,233	FALSE
-0,093	0,295	-0,004	0,008	0,213	FALSE
0,162	0,294	0,005	0,008	0,267	FALSE
0,103	0,300	0,003	0,009	0,109	FALSE
-0,021	0,294	-0,001	0,010	0,024	FALSE
0,104	0,287	0,002	0,007	0,089	FALSE
0,044	0,292	0,001	0,013	0,028	FALSE
0,049	0,302	0,002	0,011	0,071	FALSE
0,011	0,287	-0,001	0,011	0,035	FALSE
-0,109	0,286	-0,004	0,011	0,142	FALSE
-0,106	0,297	-0,002	0,007	0,138	FALSE
0,176	0,280	0,004	0,011	0,170	FALSE
0,021	0,275	0,000	0,013	0,007	FALSE
-0,025	0,303	0,000	0,007	0,017	FALSE
-0,183	0,292	-0,006	0,010	0,254	FALSE
-0,117	0,297	-0,005	0,011	0,171	FALSE
-0,025	0,280	-0,002	0,010	0,061	FALSE
-0,144	0,281	-0,005	0,010	0,234	FALSE
-0,130	0,291	-0,003	0,008	0,190	FALSE
0,075	0,289	0,001	0,006	0,038	FALSE
0,048	0,287	0,000	0,006	0,027	FALSE
-0,016	0,297	-0,001	0,012	0,026	FALSE

-0,047	0,288	-0,001	0,006	0,077	FALSE
-0,049	0,285	-0,003	0,010	0,106	FALSE
0,081	0,285	0,000	0,007	0,003	FALSE
0,026	0,288	0,003	0,012	0,082	FALSE
-0,096	0,305	-0,003	0,009	0,132	FALSE
0,129	0,281	0,005	0,010	0,200	FALSE
0,075	0,293	0,001	0,007	0,064	FALSE
-0,130	0,291	-0,003	0,007	0,193	FALSE
-0,108	0,292	-0,003	0,006	0,171	FALSE
-0,184	0,279	-0,007	0,011	0,265	FALSE
-0,037	0,297	-0,001	0,012	0,023	FALSE
-0,060	0,311	-0,002	0,010	0,064	FALSE
0,017	0,290	0,001	0,007	0,048	FALSE
0,086	0,270	0,001	0,009	0,039	FALSE
0,043	0,281	0,000	0,010	0,013	FALSE
0,007	0,278	0,001	0,007	0,038	FALSE
0,071	0,275	0,002	0,007	0,108	FALSE
0,076	0,291	0,001	0,011	0,049	FALSE
-0,186	0,292	-0,004	0,008	0,232	FALSE
0,009	0,295	-0,001	0,013	0,023	FALSE
-0,017	0,295	-0,002	0,011	0,053	FALSE
0,008	0,285	0,000	0,008	0,011	FALSE
-0,047	0,292	-0,001	0,010	0,042	FALSE
-0,076	0,295	-0,003	0,013	0,094	FALSE
-0,135	0,301	-0,007	0,014	0,210	FALSE
0,007	0,283	0,000	0,006	0,011	FALSE
0,029	0,278	0,001	0,009	0,055	FALSE
-0,095	0,293	-0,002	0,007	0,096	FALSE
-0,012	0,281	-0,002	0,012	0,056	FALSE
-0,021	0,285	0,000	0,012	0,011	FALSE
0,055	0,298	0,002	0,009	0,065	FALSE
0,018	0,294	0,001	0,009	0,025	FALSE
-0,142	0,266	-0,004	0,010	0,184	FALSE
0,020	0,283	-0,001	0,008	0,031	FALSE
0,161	0,297	0,006	0,010	0,242	FALSE
-0,029	0,278	0,001	0,011	0,019	FALSE
0,030	0,291	-0,001	0,011	0,037	FALSE
-0,163	0,277	-0,004	0,009	0,180	FALSE
-0,133	0,298	-0,003	0,007	0,201	FALSE
-0,048	0,288	-0,003	0,008	0,123	FALSE
0,022	0,294	0,000	0,006	0,021	FALSE
-0,036	0,296	-0,002	0,012	0,049	FALSE
0,084	0,287	0,003	0,009	0,153	FALSE
-0,006	0,290	0,001	0,013	0,040	FALSE
-0,055	0,296	-0,001	0,007	0,062	FALSE
0,031	0,298	0,001	0,008	0,066	FALSE
-0,158	0,292	-0,003	0,008	0,185	FALSE
0,056	0,290	0,000	0,006	0,006	FALSE
-0,066	0,287	-0,004	0,011	0,141	FALSE
-0,012	0,280	0,001	0,008	0,029	FALSE
0,115	0,305	0,002	0,007	0,117	FALSE
-0,063	0,295	-0,003	0,008	0,132	FALSE
0,077	0,286	0,001	0,011	0,035	FALSE

0,107	0,291	0,003	0,013	0,079	FALSE
0,124	0,276	0,003	0,012	0,087	FALSE
0,022	0,307	0,003	0,013	0,101	FALSE
0,071	0,296	0,002	0,011	0,071	FALSE
0,002	0,295	0,001	0,013	0,030	FALSE
-0,064	0,285	-0,004	0,012	0,113	FALSE
-0,057	0,303	-0,001	0,012	0,033	FALSE
-0,092	0,313	-0,003	0,012	0,096	FALSE
-0,010	0,288	-0,001	0,009	0,041	FALSE
0,037	0,285	0,000	0,009	0,005	FALSE
0,067	0,290	0,001	0,009	0,032	FALSE
0,127	0,296	0,002	0,007	0,088	FALSE
0,001	0,287	-0,001	0,012	0,021	FALSE
0,039	0,301	0,001	0,013	0,035	FALSE
0,050	0,283	0,001	0,006	0,042	FALSE
0,025	0,295	0,001	0,009	0,040	FALSE
-0,081	0,296	-0,003	0,013	0,095	FALSE
0,094	0,299	0,003	0,013	0,103	FALSE
-0,030	0,286	0,000	0,012	0,012	FALSE
-0,015	0,293	-0,002	0,012	0,044	FALSE
-0,117	0,297	-0,006	0,013	0,195	FALSE
0,026	0,293	0,000	0,007	0,010	FALSE
0,048	0,293	0,001	0,007	0,057	FALSE
0,048	0,291	0,002	0,010	0,073	FALSE
0,013	0,294	0,000	0,007	0,011	FALSE
0,024	0,301	0,001	0,007	0,037	FALSE
-0,116	0,289	-0,003	0,013	0,098	FALSE
-0,143	0,293	-0,005	0,013	0,141	FALSE
-0,125	0,299	-0,004	0,013	0,115	FALSE
-0,161	0,293	-0,004	0,013	0,140	FALSE
0,083	0,285	0,003	0,010	0,117	FALSE
0,017	0,294	0,001	0,009	0,027	FALSE
0,047	0,287	0,000	0,008	0,018	FALSE
0,003	0,286	0,000	0,010	0,005	FALSE
0,086	0,299	0,004	0,013	0,124	FALSE
-0,005	0,305	0,000	0,009	0,010	FALSE
-0,042	0,278	0,000	0,009	0,018	FALSE
-0,100	0,283	-0,002	0,007	0,122	FALSE
-0,063	0,278	-0,001	0,007	0,070	FALSE
0,034	0,290	0,002	0,013	0,053	FALSE
0,075	0,287	0,003	0,012	0,082	FALSE
-0,025	0,292	0,000	0,006	0,004	FALSE
0,046	0,280	0,001	0,010	0,030	FALSE
0,053	0,305	0,001	0,011	0,034	FALSE
0,086	0,288	0,001	0,008	0,045	FALSE
0,149	0,287	0,005	0,011	0,166	FALSE
-0,192	0,281	-0,004	0,007	0,219	FALSE
-0,076	0,297	-0,003	0,008	0,133	FALSE
-0,179	0,278	-0,003	0,007	0,187	FALSE
0,069	0,292	0,004	0,013	0,118	FALSE
-0,013	0,281	-0,001	0,006	0,056	FALSE
0,143	0,290	0,003	0,007	0,179	FALSE
0,087	0,287	0,004	0,012	0,121	FALSE

-0,096	0,296	-0,004	0,012	0,124	FALSE
0,002	0,279	0,001	0,006	0,039	FALSE
-0,001	0,275	-0,001	0,010	0,032	FALSE
0,002	0,294	0,001	0,007	0,041	FALSE
0,009	0,293	0,001	0,006	0,052	FALSE
0,091	0,296	0,002	0,008	0,096	FALSE
0,005	0,292	-0,001	0,013	0,027	FALSE
-0,005	0,284	0,000	0,012	0,002	FALSE
-0,001	0,301	-0,001	0,012	0,017	FALSE
0,130	0,296	0,002	0,006	0,136	FALSE
-0,100	0,272	-0,003	0,012	0,110	FALSE
0,008	0,289	-0,002	0,010	0,093	FALSE
0,094	0,299	0,001	0,007	0,050	FALSE
-0,048	0,279	0,000	0,012	0,010	FALSE
0,054	0,298	0,003	0,013	0,080	FALSE
0,095	0,299	0,003	0,007	0,167	FALSE
-0,032	0,300	-0,001	0,007	0,056	FALSE
-0,038	0,308	-0,002	0,009	0,069	FALSE
-0,024	0,294	-0,001	0,007	0,070	FALSE
0,007	0,294	-0,001	0,010	0,023	FALSE
-0,222	0,271	-0,007	0,011	0,269	FALSE
0,127	0,293	0,003	0,010	0,134	FALSE
0,016	0,289	0,001	0,008	0,030	FALSE
-0,056	0,285	-0,002	0,008	0,073	FALSE
0,061	0,301	0,000	0,008	0,007	FALSE
0,021	0,300	0,000	0,011	0,000	FALSE
0,016	0,288	0,000	0,011	0,008	FALSE
0,021	0,294	0,001	0,009	0,041	FALSE
-0,124	0,291	-0,005	0,011	0,184	FALSE
0,031	0,285	0,000	0,008	0,006	FALSE
0,031	0,295	0,000	0,008	0,001	FALSE
0,122	0,279	0,005	0,011	0,178	FALSE
-0,013	0,302	-0,001	0,009	0,052	FALSE
-0,044	0,286	-0,001	0,009	0,034	FALSE
0,024	0,287	0,000	0,008	0,004	FALSE
0,117	0,296	0,002	0,010	0,068	FALSE
-0,016	0,284	0,000	0,008	0,017	FALSE
0,068	0,296	0,002	0,013	0,063	FALSE
-0,050	0,301	-0,001	0,011	0,025	FALSE
0,038	0,294	0,001	0,008	0,032	FALSE
-0,098	0,301	-0,003	0,009	0,122	FALSE
0,088	0,302	0,002	0,008	0,080	FALSE
0,017	0,285	0,001	0,010	0,027	FALSE
-0,071	0,298	-0,003	0,013	0,089	FALSE
-0,074	0,278	-0,001	0,007	0,050	FALSE
-0,026	0,291	-0,001	0,010	0,051	FALSE
-0,088	0,287	-0,004	0,010	0,159	FALSE
0,108	0,286	0,004	0,011	0,135	FALSE
-0,030	0,294	0,000	0,008	0,001	FALSE
0,049	0,300	0,001	0,009	0,019	FALSE
-0,088	0,293	-0,003	0,008	0,128	FALSE
-0,150	0,277	-0,003	0,006	0,186	FALSE
-0,019	0,289	0,000	0,006	0,004	FALSE

-0,054	0,296	-0,001	0,009	0,021	FALSE
0,045	0,306	0,003	0,013	0,097	FALSE
-0,157	0,282	-0,003	0,006	0,171	FALSE
-0,048	0,292	0,000	0,007	0,012	FALSE
0,085	0,280	0,005	0,011	0,190	FALSE
-0,035	0,284	-0,001	0,008	0,050	FALSE
0,081	0,290	0,003	0,012	0,095	FALSE
0,050	0,288	0,001	0,007	0,054	FALSE
-0,048	0,289	0,000	0,007	0,017	FALSE
0,022	0,292	0,001	0,011	0,022	FALSE
-0,037	0,289	-0,002	0,013	0,058	FALSE
-0,147	0,300	-0,003	0,009	0,155	FALSE
-0,073	0,290	-0,002	0,009	0,074	FALSE
-0,050	0,293	-0,001	0,008	0,053	FALSE
0,021	0,298	0,001	0,006	0,058	FALSE
-0,125	0,286	-0,003	0,007	0,149	FALSE
0,012	0,276	0,002	0,008	0,094	FALSE
-0,158	0,276	-0,005	0,009	0,236	FALSE
0,073	0,279	0,003	0,011	0,115	FALSE
0,075	0,281	0,004	0,012	0,122	FALSE
0,088	0,278	0,005	0,011	0,207	FALSE
-0,047	0,278	-0,002	0,008	0,084	FALSE
0,010	0,293	0,000	0,008	0,020	FALSE
-0,094	0,312	-0,004	0,012	0,119	FALSE
-0,070	0,301	-0,003	0,012	0,093	FALSE
0,045	0,284	0,000	0,011	0,013	TRUE
0,018	0,283	0,000	0,007	0,021	FALSE
-0,091	0,288	-0,002	0,009	0,061	FALSE
-0,065	0,273	-0,001	0,010	0,033	FALSE
0,172	0,281	0,004	0,010	0,179	FALSE
-0,058	0,302	-0,001	0,007	0,053	FALSE
-0,104	0,285	-0,002	0,009	0,103	FALSE
-0,019	0,283	0,000	0,012	0,005	FALSE
-0,049	0,285	0,000	0,006	0,003	FALSE
0,017	0,291	0,000	0,008	0,000	FALSE
0,044	0,289	0,000	0,007	0,004	FALSE
0,061	0,291	0,000	0,008	0,001	FALSE
0,076	0,284	0,000	0,007	0,020	FALSE
-0,030	0,294	0,001	0,008	0,026	FALSE
0,031	0,283	-0,001	0,007	0,047	FALSE
-0,017	0,278	0,001	0,008	0,051	FALSE
0,023	0,288	-0,001	0,007	0,051	FALSE
0,051	0,286	0,000	0,007	0,007	FALSE
-0,034	0,297	-0,001	0,007	0,049	FALSE
-0,038	0,294	0,001	0,013	0,014	FALSE
0,073	0,289	0,002	0,009	0,073	FALSE
-0,023	0,284	0,000	0,011	0,003	FALSE
-0,026	0,299	-0,001	0,011	0,031	FALSE
-0,097	0,290	-0,004	0,008	0,191	FALSE
-0,133	0,286	-0,006	0,013	0,200	FALSE
0,096	0,281	0,002	0,007	0,131	FALSE
0,018	0,292	0,000	0,007	0,011	FALSE
0,021	0,292	0,001	0,011	0,020	FALSE

0,150	0,288	0,008	0,013	0,256	FALSE
0,010	0,297	0,000	0,011	0,005	FALSE
-0,048	0,292	-0,001	0,010	0,032	FALSE
-0,151	0,286	-0,002	0,007	0,121	FALSE
-0,128	0,286	-0,002	0,007	0,099	FALSE
-0,037	0,293	-0,001	0,007	0,062	FALSE
0,118	0,285	0,004	0,012	0,120	FALSE
-0,082	0,280	-0,002	0,008	0,094	FALSE
0,033	0,299	0,001	0,009	0,041	FALSE
-0,058	0,288	-0,001	0,013	0,031	FALSE
0,035	0,274	0,001	0,011	0,017	FALSE
0,028	0,291	0,000	0,007	0,019	FALSE
0,008	0,286	0,000	0,013	0,008	FALSE
0,198	0,283	0,004	0,007	0,281	FALSE
0,092	0,305	0,005	0,012	0,165	FALSE
0,042	0,301	0,002	0,008	0,084	FALSE
0,054	0,289	0,002	0,008	0,117	FALSE
0,189	0,283	0,009	0,013	0,346	FALSE
0,191	0,285	0,010	0,013	0,383	FALSE
0,151	0,273	0,008	0,012	0,298	FALSE
0,153	0,293	0,008	0,013	0,283	FALSE
0,157	0,282	0,007	0,011	0,306	FALSE
0,137	0,285	0,008	0,013	0,275	FALSE
-0,116	0,287	-0,006	0,012	0,181	FALSE
-0,046	0,292	0,000	0,008	0,003	FALSE
-0,095	0,287	-0,003	0,008	0,159	FALSE
0,015	0,290	0,002	0,010	0,077	FALSE
-0,077	0,271	-0,001	0,012	0,024	FALSE
0,122	0,288	0,002	0,010	0,054	FALSE
-0,069	0,286	-0,001	0,013	0,030	FALSE
0,162	0,284	0,003	0,007	0,163	FALSE
-0,101	0,287	-0,003	0,009	0,135	FALSE
-0,014	0,284	-0,001	0,007	0,038	FALSE
0,073	0,294	0,003	0,013	0,090	FALSE
0,152	0,288	0,007	0,013	0,247	FALSE
-0,037	0,292	-0,001	0,008	0,048	FALSE
0,105	0,296	0,003	0,012	0,104	FALSE
-0,153	0,275	-0,005	0,009	0,224	FALSE
-0,069	0,289	-0,001	0,010	0,049	FALSE
-0,065	0,287	-0,002	0,007	0,103	FALSE
0,030	0,303	0,001	0,010	0,036	FALSE
0,017	0,281	0,000	0,010	0,010	FALSE
-0,020	0,291	-0,001	0,006	0,074	FALSE
-0,037	0,296	-0,001	0,006	0,085	FALSE
0,039	0,268	0,003	0,007	0,150	FALSE
-0,046	0,285	0,000	0,008	0,013	FALSE
-0,041	0,277	-0,001	0,011	0,022	FALSE
-0,033	0,284	-0,001	0,009	0,056	FALSE
0,030	0,298	0,000	0,007	0,014	FALSE
-0,071	0,285	-0,002	0,007	0,090	FALSE
0,022	0,305	0,001	0,012	0,045	FALSE
-0,096	0,275	-0,002	0,008	0,083	FALSE
0,038	0,290	0,001	0,008	0,037	FALSE

-0,019	0,288	-0,001	0,013	0,019	FALSE
0,132	0,290	0,003	0,008	0,122	FALSE
-0,050	0,283	-0,001	0,011	0,040	FALSE
0,087	0,289	0,003	0,010	0,106	FALSE
0,025	0,298	0,002	0,010	0,072	FALSE
-0,086	0,281	-0,004	0,012	0,152	FALSE
-0,121	0,282	-0,006	0,012	0,186	FALSE
-0,119	0,283	-0,005	0,012	0,191	FALSE
0,011	0,294	0,000	0,007	0,022	FALSE
0,056	0,297	0,002	0,012	0,047	FALSE
0,200	0,280	0,005	0,006	0,331	FALSE
0,023	0,282	0,002	0,008	0,073	FALSE
-0,046	0,293	-0,001	0,007	0,034	FALSE
0,016	0,282	-0,001	0,013	0,027	FALSE
0,102	0,280	0,003	0,007	0,181	FALSE
0,000	0,286	0,002	0,013	0,046	FALSE
-0,037	0,293	-0,002	0,010	0,088	FALSE
0,045	0,293	0,003	0,009	0,125	FALSE
0,038	0,281	0,002	0,007	0,096	FALSE
0,148	0,294	0,003	0,008	0,140	FALSE
-0,081	0,287	-0,002	0,006	0,141	FALSE
-0,075	0,285	0,000	0,010	0,015	FALSE
0,073	0,300	0,002	0,008	0,081	FALSE
0,086	0,301	0,001	0,011	0,038	FALSE
0,033	0,291	-0,001	0,009	0,041	FALSE
-0,116	0,274	-0,002	0,007	0,138	FALSE
-0,028	0,294	-0,002	0,007	0,093	FALSE
-0,037	0,290	0,000	0,006	0,007	FALSE
0,032	0,294	0,001	0,010	0,027	FALSE
0,168	0,304	0,004	0,010	0,157	FALSE
0,009	0,287	0,000	0,012	0,005	FALSE
0,108	0,292	0,004	0,013	0,139	FALSE
0,129	0,290	0,003	0,009	0,127	FALSE
0,036	0,304	0,000	0,006	0,006	FALSE
0,048	0,292	0,002	0,007	0,117	FALSE
-0,017	0,274	0,000	0,010	0,011	FALSE
-0,058	0,290	-0,001	0,012	0,030	FALSE
0,017	0,291	-0,001	0,007	0,032	FALSE
0,123	0,290	0,006	0,012	0,235	FALSE
-0,024	0,294	-0,003	0,011	0,103	FALSE
-0,117	0,295	-0,004	0,011	0,142	FALSE
0,068	0,289	0,001	0,008	0,061	FALSE
-0,049	0,284	-0,001	0,012	0,027	FALSE
0,107	0,287	0,004	0,012	0,140	FALSE
-0,042	0,274	-0,002	0,008	0,089	FALSE
0,009	0,302	-0,001	0,013	0,014	FALSE
0,038	0,280	0,001	0,006	0,034	FALSE
-0,087	0,292	-0,003	0,010	0,102	FALSE
-0,104	0,293	-0,003	0,009	0,118	FALSE
0,018	0,300	0,001	0,009	0,025	FALSE
-0,103	0,294	-0,002	0,009	0,091	FALSE
-0,037	0,283	-0,004	0,011	0,142	FALSE
-0,025	0,292	-0,004	0,013	0,123	FALSE

-0,006	0,292	0,000	0,006	0,016	FALSE
0,099	0,277	0,001	0,006	0,086	FALSE
0,033	0,296	-0,002	0,010	0,056	FALSE
0,068	0,280	0,000	0,008	0,006	FALSE
-0,070	0,295	-0,001	0,007	0,060	FALSE
0,044	0,300	0,002	0,011	0,050	FALSE
-0,023	0,291	0,000	0,009	0,010	FALSE
-0,087	0,284	-0,001	0,007	0,076	FALSE
0,019	0,281	0,000	0,006	0,022	FALSE
0,195	0,287	0,005	0,008	0,235	FALSE
0,060	0,290	0,003	0,012	0,083	FALSE
-0,084	0,286	-0,003	0,011	0,089	FALSE
-0,034	0,289	-0,002	0,012	0,053	FALSE
-0,048	0,313	0,000	0,013	0,008	FALSE
-0,060	0,291	-0,003	0,008	0,142	FALSE
-0,119	0,286	-0,002	0,007	0,114	FALSE
0,050	0,286	0,001	0,009	0,033	FALSE
-0,094	0,293	-0,003	0,013	0,075	FALSE
-0,009	0,304	0,000	0,007	0,010	FALSE
-0,078	0,299	-0,002	0,007	0,115	FALSE
0,119	0,275	0,005	0,012	0,171	FALSE
0,063	0,296	0,001	0,006	0,032	FALSE
0,026	0,288	0,001	0,008	0,032	FALSE
-0,166	0,294	-0,008	0,013	0,288	FALSE
-0,081	0,283	-0,001	0,006	0,067	FALSE
-0,134	0,292	-0,002	0,007	0,115	FALSE
0,057	0,298	0,002	0,010	0,093	FALSE
0,222	0,270	0,004	0,008	0,208	FALSE
0,052	0,275	0,002	0,009	0,082	FALSE
-0,020	0,298	-0,002	0,012	0,070	FALSE
0,086	0,280	0,002	0,010	0,071	FALSE
0,050	0,280	0,002	0,011	0,052	FALSE
0,085	0,285	0,005	0,011	0,191	FALSE
-0,074	0,289	-0,001	0,008	0,044	FALSE
0,007	0,273	0,001	0,007	0,066	FALSE
-0,170	0,287	-0,006	0,011	0,253	FALSE
0,024	0,294	0,003	0,013	0,085	FALSE
-0,192	0,282	-0,007	0,010	0,279	FALSE
-0,010	0,277	0,000	0,013	0,010	FALSE
0,048	0,299	0,001	0,011	0,030	FALSE
-0,165	0,281	-0,006	0,013	0,208	FALSE
0,056	0,288	0,001	0,008	0,065	FALSE
-0,056	0,293	-0,001	0,009	0,053	FALSE
-0,069	0,291	-0,002	0,009	0,081	FALSE
0,140	0,283	0,004	0,010	0,168	FALSE
-0,021	0,298	-0,001	0,009	0,039	FALSE
0,019	0,286	0,001	0,007	0,030	FALSE
0,006	0,298	0,001	0,013	0,022	FALSE
0,053	0,286	0,001	0,006	0,081	FALSE
0,070	0,289	0,001	0,009	0,040	FALSE
0,033	0,288	0,001	0,010	0,030	FALSE
0,051	0,288	0,001	0,008	0,047	FALSE
-0,155	0,286	-0,004	0,007	0,245	FALSE

0,111	0,284	0,002	0,010	0,085	FALSE
-0,085	0,267	-0,001	0,007	0,037	FALSE
0,181	0,282	0,006	0,009	0,294	FALSE
-0,069	0,282	-0,001	0,012	0,035	FALSE
0,001	0,291	0,001	0,012	0,041	FALSE
-0,010	0,287	0,001	0,012	0,041	FALSE
-0,009	0,280	-0,002	0,011	0,052	FALSE
-0,022	0,296	-0,002	0,013	0,052	FALSE
0,033	0,285	0,001	0,006	0,034	FALSE
-0,027	0,286	0,000	0,006	0,004	FALSE
-0,059	0,293	-0,004	0,012	0,143	FALSE
-0,058	0,273	0,000	0,008	0,010	FALSE
0,057	0,300	0,001	0,013	0,038	FALSE
0,030	0,295	0,001	0,008	0,036	FALSE
0,057	0,296	0,001	0,013	0,039	FALSE
0,042	0,298	0,000	0,013	0,012	FALSE
0,018	0,279	-0,001	0,012	0,034	FALSE
0,021	0,285	-0,001	0,013	0,017	FALSE
-0,033	0,289	-0,001	0,009	0,039	FALSE
0,174	0,284	0,003	0,008	0,168	FALSE
0,038	0,300	0,001	0,009	0,039	FALSE
0,052	0,286	0,002	0,008	0,075	FALSE
-0,016	0,300	-0,001	0,007	0,027	FALSE
0,043	0,286	0,001	0,007	0,029	FALSE
-0,034	0,299	-0,001	0,009	0,047	FALSE
-0,101	0,303	-0,003	0,013	0,093	FALSE
0,048	0,268	0,001	0,006	0,055	FALSE
0,104	0,294	0,002	0,009	0,095	FALSE
-0,007	0,292	0,001	0,012	0,017	FALSE
0,014	0,278	0,002	0,009	0,079	FALSE
0,174	0,294	0,005	0,009	0,205	FALSE
0,030	0,285	0,002	0,007	0,093	FALSE
-0,147	0,281	-0,004	0,008	0,215	FALSE
-0,137	0,277	-0,002	0,007	0,126	FALSE
-0,014	0,288	0,001	0,008	0,028	FALSE
0,179	0,286	0,008	0,011	0,316	FALSE
-0,027	0,291	0,000	0,007	0,013	FALSE
-0,020	0,291	0,000	0,007	0,016	FALSE
0,021	0,294	0,001	0,006	0,041	FALSE
-0,182	0,284	-0,004	0,007	0,278	FALSE
0,039	0,282	0,002	0,008	0,078	FALSE
0,080	0,280	0,001	0,008	0,045	FALSE
-0,016	0,285	-0,002	0,009	0,070	FALSE
-0,133	0,292	-0,005	0,013	0,157	FALSE
0,074	0,286	0,002	0,008	0,085	FALSE
0,160	0,268	0,003	0,009	0,122	FALSE
-0,008	0,288	0,000	0,006	0,006	FALSE
-0,063	0,300	-0,002	0,010	0,086	FALSE
-0,059	0,284	-0,002	0,012	0,056	FALSE
0,000	0,279	0,000	0,010	0,015	FALSE
0,060	0,284	0,001	0,007	0,052	FALSE
0,048	0,287	0,001	0,006	0,062	FALSE
0,056	0,299	0,002	0,013	0,059	FALSE

0,011	0,292	0,000	0,009	0,013	FALSE
-0,033	0,306	-0,001	0,009	0,043	FALSE
-0,147	0,288	-0,005	0,011	0,180	FALSE
0,110	0,287	0,003	0,006	0,171	FALSE
-0,155	0,297	-0,004	0,009	0,177	FALSE
0,018	0,283	0,000	0,009	0,012	FALSE
0,179	0,280	0,004	0,007	0,248	FALSE
0,086	0,293	0,005	0,013	0,168	FALSE
-0,005	0,282	-0,001	0,008	0,027	FALSE
0,080	0,290	0,001	0,008	0,046	FALSE
-0,057	0,294	-0,001	0,007	0,032	FALSE
0,080	0,276	0,003	0,011	0,117	FALSE
0,059	0,292	0,000	0,008	0,017	FALSE
-0,150	0,288	-0,007	0,013	0,220	FALSE
0,079	0,283	0,003	0,008	0,191	FALSE
0,071	0,269	0,003	0,007	0,200	FALSE
0,084	0,264	0,003	0,007	0,156	FALSE
0,099	0,269	0,003	0,007	0,187	FALSE
0,138	0,285	0,004	0,013	0,132	FALSE
0,096	0,277	0,003	0,012	0,093	FALSE
0,078	0,274	0,001	0,006	0,067	FALSE
-0,087	0,305	-0,003	0,008	0,126	FALSE
0,001	0,302	-0,002	0,013	0,041	FALSE
0,045	0,280	0,002	0,012	0,048	FALSE
0,041	0,298	0,001	0,013	0,024	FALSE
0,028	0,300	0,001	0,009	0,031	FALSE
0,069	0,299	0,002	0,008	0,087	FALSE
0,006	0,294	0,000	0,007	0,023	FALSE
-0,032	0,295	-0,001	0,009	0,029	FALSE
-0,033	0,272	-0,001	0,012	0,015	FALSE
0,046	0,278	0,002	0,013	0,048	FALSE
-0,008	0,292	0,001	0,012	0,023	FALSE
-0,110	0,290	-0,005	0,010	0,204	FALSE
0,005	0,283	0,000	0,007	0,022	FALSE
-0,020	0,288	-0,001	0,008	0,030	FALSE
0,095	0,288	0,002	0,009	0,068	FALSE
0,016	0,286	0,000	0,006	0,020	FALSE
0,078	0,284	0,003	0,008	0,143	FALSE
0,053	0,296	0,001	0,007	0,057	FALSE
0,059	0,303	0,002	0,009	0,072	FALSE
0,010	0,309	0,000	0,010	0,001	FALSE
-0,034	0,286	0,000	0,011	0,014	FALSE
-0,126	0,303	-0,002	0,008	0,123	FALSE
0,045	0,288	0,000	0,008	0,003	FALSE
-0,119	0,285	-0,004	0,012	0,141	FALSE
0,043	0,283	0,001	0,011	0,017	FALSE
-0,090	0,279	-0,003	0,008	0,172	FALSE
0,110	0,288	0,004	0,012	0,137	FALSE
-0,013	0,299	-0,001	0,007	0,028	FALSE
-0,012	0,287	0,001	0,007	0,034	FALSE
0,053	0,307	0,001	0,006	0,066	FALSE
0,032	0,309	0,002	0,013	0,048	FALSE
0,047	0,299	0,001	0,012	0,042	FALSE

0,058	0,294	0,001	0,012	0,042	FALSE
-0,005	0,292	-0,002	0,012	0,051	FALSE
-0,165	0,280	-0,005	0,010	0,240	FALSE
0,116	0,277	0,003	0,010	0,101	FALSE
0,036	0,286	0,001	0,006	0,070	FALSE
0,002	0,284	-0,001	0,007	0,033	FALSE
0,121	0,286	0,004	0,012	0,124	FALSE
0,186	0,278	0,004	0,007	0,214	FALSE
0,138	0,284	0,002	0,010	0,075	FALSE
-0,066	0,297	0,000	0,008	0,007	FALSE
-0,101	0,281	-0,003	0,010	0,117	FALSE
-0,156	0,291	-0,007	0,012	0,262	FALSE
0,112	0,301	0,003	0,008	0,178	FALSE
-0,055	0,283	-0,002	0,007	0,117	FALSE
-0,077	0,296	-0,003	0,012	0,083	FALSE
0,093	0,276	0,002	0,011	0,086	FALSE
-0,006	0,284	0,001	0,009	0,029	FALSE
0,136	0,282	0,002	0,007	0,106	FALSE
0,086	0,295	0,003	0,008	0,136	FALSE
0,086	0,297	0,002	0,012	0,077	FALSE
-0,012	0,279	-0,003	0,013	0,100	FALSE
0,076	0,288	0,004	0,011	0,145	FALSE
0,012	0,290	0,000	0,007	0,008	FALSE
0,047	0,282	0,004	0,013	0,109	FALSE
-0,127	0,283	-0,003	0,006	0,158	FALSE
-0,135	0,289	-0,003	0,006	0,176	FALSE
-0,021	0,293	0,000	0,008	0,016	FALSE
-0,015	0,305	-0,002	0,012	0,065	FALSE
-0,036	0,276	-0,001	0,010	0,048	FALSE
-0,018	0,270	0,002	0,012	0,051	FALSE
0,194	0,282	0,007	0,009	0,337	FALSE
-0,053	0,290	-0,003	0,009	0,111	FALSE
-0,038	0,286	-0,003	0,011	0,112	FALSE
0,010	0,275	0,001	0,008	0,038	FALSE
-0,001	0,285	0,001	0,008	0,036	FALSE
0,008	0,289	0,001	0,008	0,046	FALSE
0,008	0,277	0,001	0,008	0,052	FALSE
0,032	0,299	0,002	0,008	0,078	FALSE
0,017	0,283	0,002	0,012	0,044	FALSE
0,120	0,278	0,004	0,013	0,118	FALSE
-0,033	0,300	-0,001	0,009	0,020	FALSE
0,086	0,291	0,004	0,011	0,148	FALSE
-0,066	0,286	-0,001	0,011	0,025	FALSE
-0,032	0,286	-0,001	0,007	0,065	FALSE
0,215	0,277	0,005	0,006	0,340	FALSE
0,003	0,292	-0,001	0,007	0,026	FALSE
-0,102	0,291	-0,003	0,007	0,196	FALSE
0,031	0,290	0,004	0,011	0,161	FALSE
0,099	0,273	0,004	0,008	0,230	FALSE
-0,041	0,302	0,000	0,007	0,025	FALSE
0,045	0,294	0,001	0,007	0,082	FALSE
0,010	0,279	-0,001	0,012	0,039	FALSE
-0,047	0,289	-0,001	0,008	0,027	FALSE

-0,011	0,271	0,000	0,008	0,001	FALSE
0,070	0,271	0,005	0,012	0,167	FALSE
0,199	0,275	0,007	0,012	0,245	FALSE
-0,131	0,274	-0,007	0,012	0,249	FALSE
0,005	0,284	0,000	0,008	0,019	FALSE
-0,019	0,298	-0,001	0,008	0,047	FALSE
0,077	0,294	0,000	0,008	0,021	FALSE
-0,037	0,293	0,000	0,007	0,021	FALSE
-0,009	0,282	0,000	0,010	0,006	FALSE
0,055	0,296	0,002	0,012	0,050	FALSE
-0,065	0,277	-0,003	0,012	0,099	FALSE
0,087	0,302	0,003	0,008	0,166	FALSE
-0,056	0,289	-0,002	0,008	0,078	FALSE
0,086	0,297	0,003	0,007	0,139	FALSE
0,005	0,292	0,001	0,008	0,055	FALSE
0,039	0,283	0,000	0,007	0,024	FALSE
0,009	0,293	0,002	0,013	0,065	FALSE
0,087	0,294	0,001	0,007	0,075	FALSE
-0,081	0,281	-0,003	0,008	0,172	FALSE
-0,093	0,280	-0,002	0,007	0,135	FALSE
-0,136	0,285	-0,003	0,007	0,169	FALSE
-0,003	0,289	0,001	0,007	0,049	FALSE
0,087	0,305	0,001	0,009	0,047	FALSE
0,108	0,286	0,003	0,010	0,094	FALSE
0,108	0,285	0,002	0,010	0,089	FALSE
0,002	0,278	-0,001	0,011	0,021	FALSE
0,030	0,280	0,000	0,009	0,009	FALSE
0,028	0,297	0,000	0,007	0,018	FALSE
0,073	0,295	0,002	0,007	0,084	FALSE
0,130	0,297	0,002	0,009	0,107	FALSE
-0,083	0,277	-0,001	0,012	0,023	FALSE
-0,054	0,290	0,000	0,011	0,016	FALSE
-0,086	0,287	-0,002	0,006	0,130	FALSE
-0,093	0,292	-0,003	0,007	0,142	FALSE
0,117	0,294	0,002	0,007	0,106	FALSE
0,229	0,265	0,009	0,013	0,337	FALSE
0,123	0,286	0,002	0,006	0,154	FALSE
0,140	0,285	0,003	0,008	0,159	TRUE
0,183	0,278	0,005	0,010	0,239	FALSE
-0,034	0,291	-0,002	0,007	0,111	FALSE
0,033	0,273	0,003	0,011	0,091	FALSE
-0,016	0,285	-0,001	0,012	0,037	FALSE
0,011	0,302	-0,001	0,010	0,032	FALSE
-0,123	0,281	-0,004	0,009	0,180	FALSE
0,145	0,290	0,004	0,008	0,199	FALSE
0,068	0,283	0,003	0,012	0,097	FALSE
0,069	0,296	0,003	0,009	0,121	FALSE
0,044	0,279	0,002	0,011	0,074	FALSE
0,105	0,284	0,003	0,010	0,110	FALSE
0,233	0,293	0,005	0,007	0,323	FALSE
0,021	0,279	0,002	0,007	0,084	FALSE
-0,023	0,292	-0,002	0,007	0,088	FALSE
-0,016	0,298	-0,001	0,013	0,018	FALSE

0,035	0,284	-0,001	0,007	0,056	FALSE
-0,075	0,285	-0,008	0,013	0,256	FALSE
-0,025	0,287	-0,002	0,009	0,101	FALSE
-0,006	0,301	0,000	0,008	0,013	FALSE
0,014	0,280	0,000	0,007	0,006	FALSE
0,103	0,285	0,005	0,009	0,226	FALSE
-0,024	0,296	-0,002	0,013	0,053	FALSE
0,095	0,291	0,004	0,009	0,198	FALSE
0,103	0,273	0,005	0,009	0,249	FALSE
0,036	0,285	0,004	0,012	0,142	FALSE
-0,066	0,287	-0,001	0,010	0,023	FALSE
0,100	0,281	0,003	0,008	0,161	FALSE
-0,008	0,294	-0,001	0,011	0,024	FALSE
-0,140	0,281	-0,005	0,011	0,203	FALSE
0,312	0,273	0,014	0,013	0,566	FALSE
-0,036	0,297	0,000	0,007	0,014	FALSE
0,125	0,298	0,004	0,012	0,126	FALSE
0,297	0,283	0,013	0,012	0,523	FALSE
0,171	0,302	0,005	0,009	0,241	FALSE
0,047	0,297	0,000	0,007	0,002	FALSE
0,126	0,293	0,004	0,009	0,187	FALSE
-0,127	0,288	-0,004	0,007	0,238	FALSE
-0,026	0,293	0,000	0,007	0,013	FALSE
0,043	0,297	0,000	0,010	0,004	FALSE
-0,061	0,289	-0,001	0,007	0,050	FALSE
0,076	0,283	0,001	0,007	0,061	FALSE
-0,070	0,302	-0,002	0,009	0,080	FALSE
0,002	0,294	0,001	0,009	0,058	FALSE
0,133	0,277	0,005	0,012	0,160	FALSE
-0,014	0,287	-0,001	0,009	0,022	FALSE
0,073	0,295	0,001	0,007	0,064	FALSE
0,061	0,301	0,001	0,008	0,065	FALSE
0,113	0,284	0,004	0,008	0,225	FALSE
0,061	0,287	0,001	0,009	0,024	FALSE
0,098	0,275	0,002	0,008	0,073	FALSE
0,072	0,300	0,001	0,009	0,034	FALSE
0,079	0,288	0,001	0,008	0,044	FALSE
-0,077	0,298	-0,002	0,008	0,108	FALSE
-0,083	0,298	-0,002	0,007	0,079	FALSE
0,119	0,291	0,004	0,008	0,225	FALSE
-0,007	0,292	-0,001	0,009	0,034	FALSE
0,086	0,297	0,002	0,010	0,089	FALSE
0,112	0,289	0,004	0,008	0,196	FALSE
-0,001	0,276	0,000	0,011	0,009	FALSE
-0,045	0,291	-0,002	0,013	0,053	FALSE
0,146	0,293	0,005	0,011	0,167	FALSE
-0,180	0,284	-0,008	0,011	0,315	FALSE
0,059	0,296	0,002	0,009	0,064	FALSE
-0,157	0,288	-0,003	0,007	0,153	FALSE
0,025	0,298	-0,001	0,012	0,032	FALSE
0,082	0,285	0,001	0,008	0,041	FALSE
0,080	0,279	0,002	0,006	0,130	FALSE
-0,083	0,279	-0,002	0,009	0,063	FALSE

0,070	0,274	0,001	0,011	0,023	FALSE
0,080	0,281	0,001	0,011	0,034	FALSE
0,088	0,281	0,001	0,011	0,039	FALSE
0,111	0,285	0,003	0,011	0,087	FALSE
0,228	0,276	0,007	0,008	0,445	FALSE
0,238	0,284	0,008	0,008	0,498	FALSE
0,025	0,288	0,001	0,007	0,033	FALSE
0,027	0,304	0,001	0,011	0,032	FALSE
0,103	0,285	0,002	0,009	0,091	FALSE
0,051	0,295	0,002	0,011	0,054	FALSE
0,012	0,275	-0,001	0,008	0,053	FALSE
-0,019	0,301	-0,001	0,010	0,035	FALSE
0,009	0,296	0,002	0,008	0,084	FALSE
0,182	0,288	0,006	0,011	0,210	FALSE
-0,144	0,291	-0,005	0,011	0,212	FALSE
0,234	0,277	0,008	0,011	0,307	FALSE
0,079	0,300	0,002	0,009	0,096	FALSE
-0,093	0,287	-0,003	0,011	0,112	FALSE
-0,017	0,282	-0,001	0,012	0,042	FALSE
-0,035	0,272	-0,003	0,008	0,133	FALSE
0,017	0,292	0,001	0,011	0,032	FALSE
0,075	0,293	0,003	0,012	0,101	FALSE
-0,053	0,294	-0,001	0,010	0,046	FALSE
-0,119	0,267	-0,001	0,006	0,071	FALSE
-0,058	0,286	-0,002	0,007	0,098	FALSE
-0,031	0,282	-0,002	0,013	0,064	FALSE
-0,023	0,293	-0,001	0,013	0,040	FALSE
-0,090	0,285	-0,002	0,008	0,077	FALSE
-0,037	0,308	0,000	0,008	0,021	FALSE
-0,102	0,286	-0,006	0,013	0,185	FALSE
-0,063	0,298	-0,004	0,013	0,133	FALSE
0,038	0,286	0,001	0,011	0,044	FALSE
0,051	0,314	0,002	0,012	0,068	FALSE
0,064	0,305	0,000	0,007	0,024	FALSE
-0,022	0,283	-0,001	0,013	0,020	FALSE
-0,028	0,282	-0,001	0,006	0,032	FALSE
-0,127	0,289	-0,003	0,008	0,139	FALSE
0,069	0,295	0,002	0,013	0,051	FALSE
-0,162	0,287	-0,006	0,013	0,187	FALSE
-0,070	0,280	-0,002	0,009	0,063	FALSE
0,065	0,286	0,002	0,012	0,067	FALSE
0,087	0,285	0,001	0,009	0,051	FALSE
0,093	0,292	0,003	0,012	0,104	FALSE
-0,041	0,297	0,000	0,009	0,004	FALSE
0,120	0,298	0,003	0,007	0,189	FALSE
0,022	0,273	0,000	0,012	0,014	FALSE
-0,013	0,286	-0,001	0,007	0,032	FALSE
-0,037	0,288	-0,002	0,009	0,069	FALSE
0,011	0,294	-0,001	0,009	0,051	FALSE
0,033	0,274	0,001	0,008	0,029	FALSE
0,106	0,296	0,007	0,013	0,206	FALSE
-0,028	0,299	0,001	0,011	0,022	FALSE
0,029	0,294	0,000	0,007	0,010	FALSE

0,059	0,288	0,003	0,008	0,138	FALSE
0,002	0,300	0,001	0,012	0,027	FALSE
-0,032	0,298	0,000	0,008	0,007	FALSE
0,020	0,283	0,001	0,012	0,032	FALSE
0,033	0,280	0,001	0,010	0,052	FALSE
0,170	0,292	0,005	0,009	0,211	FALSE
-0,076	0,296	-0,001	0,011	0,025	FALSE
-0,036	0,300	-0,001	0,010	0,047	FALSE
-0,107	0,291	-0,001	0,007	0,049	FALSE
0,127	0,288	0,002	0,007	0,111	FALSE
0,145	0,287	0,003	0,007	0,188	FALSE
0,056	0,300	0,001	0,007	0,065	FALSE
-0,007	0,281	0,000	0,007	0,024	FALSE
-0,019	0,289	-0,001	0,010	0,032	FALSE
-0,067	0,293	-0,001	0,007	0,074	FALSE
-0,083	0,291	-0,003	0,010	0,099	FALSE
-0,015	0,289	-0,001	0,009	0,035	FALSE
-0,100	0,291	-0,002	0,012	0,071	FALSE
0,116	0,289	0,003	0,012	0,102	FALSE
-0,007	0,296	0,000	0,010	0,002	FALSE
0,075	0,284	0,002	0,007	0,092	FALSE
0,140	0,288	0,004	0,010	0,141	FALSE
0,098	0,282	0,003	0,009	0,120	FALSE
0,112	0,294	0,005	0,011	0,203	FALSE
-0,001	0,297	-0,001	0,007	0,030	FALSE
0,137	0,284	0,003	0,007	0,197	FALSE
-0,122	0,284	-0,005	0,009	0,214	FALSE
-0,080	0,291	-0,003	0,007	0,180	FALSE
-0,062	0,299	-0,002	0,007	0,136	FALSE
0,021	0,298	0,000	0,008	0,002	FALSE
0,026	0,283	0,003	0,012	0,081	FALSE
0,102	0,288	0,001	0,008	0,066	FALSE
-0,074	0,286	-0,002	0,007	0,135	FALSE
0,044	0,296	0,001	0,010	0,033	FALSE
-0,115	0,279	-0,005	0,009	0,270	FALSE
-0,118	0,297	-0,005	0,009	0,248	FALSE
-0,076	0,294	-0,001	0,007	0,077	FALSE
0,049	0,294	0,001	0,012	0,033	FALSE
-0,166	0,281	-0,007	0,012	0,237	FALSE
-0,090	0,292	-0,003	0,013	0,098	FALSE
-0,177	0,290	-0,007	0,012	0,262	FALSE
0,176	0,277	0,003	0,008	0,153	FALSE
-0,098	0,286	-0,005	0,013	0,171	FALSE
-0,062	0,302	-0,001	0,007	0,062	FALSE
0,028	0,278	-0,001	0,009	0,026	FALSE
-0,060	0,279	-0,003	0,010	0,106	FALSE
0,118	0,290	0,002	0,008	0,111	FALSE
0,041	0,286	0,000	0,011	0,008	FALSE
0,191	0,290	0,004	0,007	0,249	FALSE
0,091	0,279	0,003	0,012	0,078	FALSE
0,091	0,289	0,003	0,007	0,154	FALSE
-0,034	0,287	-0,001	0,008	0,024	FALSE
-0,046	0,305	-0,001	0,013	0,037	FALSE

0,003	0,299	0,000	0,008	0,007	FALSE
-0,045	0,289	-0,001	0,008	0,053	FALSE
0,025	0,296	0,001	0,009	0,058	FALSE
0,033	0,277	0,000	0,008	0,015	FALSE
-0,153	0,291	-0,006	0,010	0,235	FALSE
-0,010	0,277	-0,001	0,008	0,058	FALSE
-0,001	0,289	0,000	0,007	0,011	FALSE
0,095	0,305	0,002	0,008	0,119	FALSE
0,085	0,282	0,004	0,011	0,145	FALSE
0,053	0,279	0,000	0,007	0,024	FALSE
-0,107	0,289	-0,004	0,010	0,180	FALSE
-0,013	0,285	0,000	0,012	0,010	FALSE
-0,084	0,304	-0,003	0,007	0,140	FALSE
0,184	0,283	0,003	0,007	0,188	FALSE
0,062	0,293	0,000	0,008	0,010	FALSE
0,057	0,300	0,001	0,006	0,052	FALSE
-0,058	0,281	-0,004	0,010	0,132	FALSE
-0,198	0,291	-0,004	0,008	0,215	FALSE
0,006	0,290	0,000	0,007	0,004	FALSE
0,017	0,303	0,000	0,006	0,018	FALSE
0,117	0,275	0,002	0,008	0,103	FALSE
-0,072	0,286	-0,001	0,008	0,065	FALSE
0,092	0,291	0,002	0,012	0,067	FALSE
0,119	0,295	0,003	0,012	0,107	FALSE
-0,118	0,280	-0,004	0,007	0,202	FALSE
0,044	0,285	0,001	0,006	0,079	FALSE
0,057	0,289	0,001	0,012	0,041	FALSE
0,088	0,295	0,001	0,008	0,028	FALSE
0,053	0,293	0,002	0,007	0,122	FALSE
0,060	0,293	0,002	0,008	0,118	FALSE
-0,096	0,290	-0,005	0,011	0,167	FALSE
0,161	0,288	0,004	0,008	0,192	FALSE
0,119	0,287	0,005	0,013	0,155	FALSE
0,096	0,271	0,004	0,012	0,112	FALSE
-0,023	0,284	-0,001	0,008	0,031	FALSE
0,177	0,276	0,006	0,012	0,220	FALSE
-0,047	0,306	-0,003	0,013	0,099	FALSE
0,000	0,306	0,001	0,010	0,030	FALSE
-0,052	0,283	-0,001	0,012	0,015	FALSE
0,011	0,300	0,000	0,011	0,007	FALSE
0,033	0,298	0,001	0,007	0,055	FALSE
-0,045	0,285	-0,001	0,010	0,032	FALSE
-0,023	0,278	0,000	0,010	0,006	FALSE
0,031	0,298	0,001	0,009	0,058	FALSE
-0,106	0,291	-0,003	0,009	0,136	FALSE
0,035	0,292	0,002	0,009	0,062	FALSE
-0,026	0,290	-0,001	0,010	0,043	FALSE
-0,003	0,274	0,001	0,009	0,020	FALSE
0,043	0,288	0,000	0,008	0,006	FALSE
0,110	0,286	0,003	0,008	0,141	FALSE
0,027	0,288	0,001	0,009	0,046	FALSE
0,025	0,292	0,004	0,013	0,109	FALSE
0,153	0,290	0,005	0,012	0,189	FALSE

0,120	0,289	0,003	0,009	0,156	FALSE
-0,120	0,307	-0,005	0,013	0,146	FALSE
0,080	0,283	0,004	0,011	0,143	FALSE
0,041	0,279	0,001	0,007	0,066	FALSE
-0,112	0,302	-0,004	0,008	0,201	FALSE
-0,092	0,290	-0,002	0,011	0,074	FALSE
-0,002	0,295	0,001	0,008	0,059	FALSE
0,132	0,299	0,002	0,007	0,092	FALSE
0,038	0,289	0,002	0,012	0,059	FALSE
0,127	0,281	0,004	0,010	0,155	FALSE
-0,039	0,267	-0,001	0,012	0,017	FALSE
-0,034	0,302	-0,001	0,012	0,042	FALSE
0,073	0,292	0,002	0,006	0,095	FALSE
-0,163	0,286	-0,004	0,008	0,220	FALSE
0,032	0,294	0,001	0,008	0,039	FALSE
-0,019	0,288	0,001	0,012	0,030	FALSE
0,023	0,302	0,002	0,010	0,073	FALSE
0,007	0,300	-0,001	0,011	0,028	FALSE
0,087	0,296	0,002	0,007	0,123	FALSE
0,001	0,294	0,000	0,007	0,023	FALSE
0,010	0,286	0,001	0,007	0,053	FALSE
0,056	0,303	0,001	0,010	0,051	FALSE
0,052	0,294	0,001	0,009	0,045	FALSE
0,027	0,305	0,002	0,012	0,080	FALSE
0,027	0,284	0,003	0,011	0,091	FALSE
-0,090	0,300	-0,003	0,009	0,140	FALSE
0,091	0,307	0,002	0,007	0,149	FALSE
-0,068	0,291	-0,001	0,010	0,024	FALSE
-0,013	0,299	-0,001	0,009	0,041	FALSE
-0,069	0,285	-0,001	0,009	0,045	FALSE
-0,079	0,287	-0,001	0,007	0,026	FALSE
-0,118	0,288	-0,003	0,008	0,146	FALSE
-0,090	0,284	-0,005	0,012	0,147	FALSE
0,037	0,288	0,002	0,011	0,077	FALSE
-0,006	0,294	-0,001	0,007	0,055	FALSE
0,025	0,292	0,000	0,007	0,023	FALSE
0,096	0,284	0,002	0,008	0,087	FALSE
0,056	0,293	0,003	0,010	0,137	FALSE
-0,107	0,292	-0,006	0,013	0,200	FALSE
0,061	0,294	0,001	0,008	0,028	FALSE
0,064	0,295	0,002	0,009	0,073	FALSE
0,091	0,300	0,003	0,011	0,108	FALSE
0,105	0,278	0,004	0,012	0,111	FALSE
0,125	0,293	0,004	0,013	0,136	FALSE
0,120	0,300	0,005	0,013	0,135	FALSE
0,064	0,288	0,002	0,007	0,097	FALSE
0,178	0,292	0,004	0,009	0,174	FALSE
0,019	0,289	0,000	0,013	0,004	FALSE
0,050	0,295	0,000	0,009	0,018	FALSE
-0,054	0,278	-0,001	0,006	0,050	FALSE
-0,048	0,284	-0,001	0,006	0,036	FALSE
-0,081	0,295	-0,002	0,007	0,120	FALSE
-0,028	0,292	-0,002	0,009	0,061	FALSE

-0,023	0,288	-0,002	0,009	0,086	FALSE
-0,133	0,284	-0,003	0,006	0,230	FALSE
-0,089	0,297	-0,005	0,013	0,168	FALSE
-0,086	0,293	-0,005	0,013	0,155	FALSE
0,066	0,292	0,003	0,010	0,124	FALSE
-0,034	0,277	-0,001	0,007	0,034	FALSE
0,054	0,288	0,001	0,009	0,043	FALSE
-0,042	0,294	0,000	0,012	0,009	FALSE
0,026	0,287	0,002	0,011	0,071	FALSE
0,086	0,291	0,001	0,007	0,071	FALSE
0,127	0,300	0,004	0,010	0,175	FALSE
-0,116	0,289	-0,005	0,010	0,221	FALSE
0,090	0,294	0,004	0,013	0,120	FALSE
-0,011	0,278	-0,001	0,009	0,030	FALSE
0,076	0,300	0,002	0,012	0,066	FALSE
0,053	0,292	0,002	0,013	0,061	FALSE
0,063	0,301	0,002	0,012	0,059	FALSE
0,075	0,298	0,001	0,007	0,047	FALSE
-0,004	0,290	0,000	0,011	0,008	FALSE
-0,071	0,285	-0,001	0,008	0,035	FALSE
0,034	0,302	0,002	0,010	0,056	FALSE
0,107	0,295	0,001	0,007	0,070	FALSE
-0,058	0,292	-0,002	0,011	0,071	FALSE
-0,153	0,277	-0,008	0,013	0,274	FALSE
0,150	0,281	0,006	0,012	0,212	FALSE
-0,101	0,294	-0,005	0,013	0,162	FALSE
0,006	0,284	0,000	0,007	0,009	FALSE
0,043	0,299	0,001	0,010	0,023	FALSE
0,053	0,289	0,001	0,009	0,050	FALSE
0,030	0,294	0,000	0,010	0,014	FALSE
0,013	0,302	0,000	0,008	0,001	FALSE
0,035	0,273	0,001	0,012	0,044	FALSE
0,052	0,268	0,002	0,008	0,097	FALSE
0,059	0,298	0,001	0,008	0,054	FALSE
-0,001	0,282	0,000	0,011	0,015	FALSE
-0,053	0,292	-0,002	0,010	0,073	FALSE
-0,009	0,279	-0,001	0,012	0,018	FALSE
-0,010	0,308	-0,001	0,008	0,028	FALSE
-0,001	0,295	-0,001	0,007	0,027	FALSE
0,018	0,279	0,000	0,008	0,000	FALSE
0,088	0,273	0,004	0,009	0,209	FALSE
0,054	0,296	0,003	0,009	0,114	FALSE
0,036	0,286	0,001	0,012	0,029	FALSE
0,055	0,288	0,001	0,008	0,055	FALSE
0,081	0,308	0,002	0,008	0,110	FALSE
-0,113	0,291	-0,002	0,007	0,135	FALSE
-0,088	0,289	-0,001	0,006	0,089	FALSE
0,065	0,293	0,000	0,007	0,019	FALSE
-0,038	0,290	-0,001	0,007	0,075	FALSE
-0,001	0,298	-0,001	0,007	0,041	FALSE
-0,004	0,289	0,000	0,007	0,015	FALSE
0,163	0,285	0,006	0,009	0,313	FALSE
-0,009	0,295	0,001	0,012	0,027	FALSE

0,104	0,283	0,006	0,012	0,193	FALSE
-0,098	0,285	-0,002	0,007	0,113	FALSE
-0,148	0,283	-0,003	0,007	0,186	FALSE
0,089	0,275	0,003	0,011	0,111	FALSE
0,037	0,307	0,000	0,007	0,006	FALSE
-0,057	0,299	-0,002	0,012	0,046	FALSE
0,016	0,290	0,000	0,006	0,010	FALSE
-0,093	0,282	-0,005	0,010	0,217	FALSE
-0,081	0,279	-0,001	0,012	0,041	FALSE
0,033	0,306	0,000	0,009	0,009	FALSE
-0,016	0,286	-0,001	0,007	0,073	FALSE
-0,051	0,282	-0,001	0,007	0,073	FALSE
0,005	0,290	0,000	0,009	0,006	FALSE
0,126	0,295	0,003	0,007	0,163	FALSE
0,117	0,291	0,004	0,009	0,188	FALSE
-0,083	0,288	-0,003	0,011	0,102	FALSE
-0,040	0,292	0,000	0,006	0,006	FALSE
0,073	0,284	0,001	0,006	0,036	FALSE
0,109	0,280	0,005	0,011	0,193	FALSE
-0,073	0,290	-0,002	0,007	0,123	FALSE
-0,025	0,298	-0,001	0,013	0,041	FALSE
-0,041	0,298	-0,003	0,012	0,098	FALSE
-0,065	0,297	-0,004	0,011	0,142	FALSE
0,003	0,284	0,000	0,012	0,001	FALSE
-0,058	0,283	-0,003	0,013	0,085	FALSE
-0,001	0,278	0,000	0,008	0,006	FALSE
-0,109	0,296	-0,002	0,008	0,116	FALSE
-0,053	0,274	0,001	0,009	0,034	FALSE
0,049	0,285	0,004	0,012	0,114	FALSE
-0,067	0,273	-0,002	0,008	0,082	FALSE
-0,004	0,297	-0,001	0,007	0,054	FALSE
0,032	0,294	0,002	0,007	0,089	FALSE
-0,034	0,281	-0,002	0,010	0,072	FALSE
-0,113	0,282	-0,002	0,007	0,110	FALSE
-0,098	0,287	-0,002	0,013	0,070	FALSE
-0,114	0,295	-0,001	0,010	0,044	FALSE
-0,099	0,297	-0,002	0,012	0,059	FALSE
-0,107	0,302	-0,002	0,012	0,068	FALSE
0,101	0,289	0,005	0,011	0,169	FALSE
-0,031	0,295	-0,002	0,010	0,061	FALSE
0,037	0,300	0,000	0,007	0,013	FALSE
-0,186	0,280	-0,003	0,006	0,187	FALSE
0,037	0,288	0,000	0,012	0,014	FALSE
0,067	0,289	0,002	0,013	0,050	FALSE
-0,055	0,288	-0,003	0,012	0,085	FALSE
0,049	0,284	0,002	0,010	0,057	FALSE
0,020	0,285	0,002	0,011	0,069	FALSE
-0,002	0,284	0,002	0,010	0,072	FALSE
0,032	0,305	0,000	0,009	0,016	FALSE
0,124	0,293	0,004	0,012	0,134	FALSE
0,248	0,279	0,010	0,013	0,384	FALSE
0,063	0,299	0,001	0,009	0,060	FALSE
0,059	0,286	0,001	0,009	0,050	FALSE

0,181	0,277	0,007	0,012	0,248	FALSE
-0,064	0,278	-0,006	0,012	0,195	FALSE
-0,023	0,278	0,001	0,008	0,061	FALSE
-0,002	0,281	0,003	0,013	0,106	FALSE
-0,035	0,276	-0,005	0,013	0,153	FALSE
0,031	0,289	0,000	0,008	0,022	FALSE
0,004	0,299	0,000	0,010	0,014	FALSE
0,030	0,306	0,000	0,007	0,003	FALSE
0,031	0,303	0,001	0,009	0,055	FALSE
-0,006	0,290	-0,003	0,013	0,076	FALSE
0,017	0,306	0,001	0,009	0,053	FALSE
-0,083	0,298	-0,004	0,012	0,116	FALSE
-0,059	0,293	-0,004	0,012	0,124	FALSE
0,089	0,288	0,003	0,012	0,094	FALSE
-0,051	0,304	0,000	0,011	0,009	FALSE
-0,042	0,310	-0,002	0,013	0,058	FALSE
-0,054	0,284	-0,001	0,009	0,051	FALSE
0,035	0,287	0,003	0,013	0,076	FALSE
-0,022	0,294	-0,001	0,008	0,056	FALSE
0,061	0,296	0,001	0,007	0,061	FALSE
0,058	0,284	0,000	0,009	0,015	FALSE
-0,088	0,288	-0,002	0,007	0,125	FALSE
0,138	0,286	0,002	0,009	0,094	FALSE
0,190	0,281	0,007	0,010	0,304	FALSE
0,021	0,297	0,002	0,010	0,073	FALSE
-0,083	0,297	-0,002	0,006	0,116	FALSE
0,059	0,293	0,003	0,011	0,113	FALSE
0,136	0,295	0,007	0,013	0,218	FALSE
-0,112	0,285	-0,003	0,011	0,108	FALSE
0,123	0,285	0,002	0,007	0,137	FALSE
-0,038	0,291	0,000	0,013	0,004	FALSE
0,018	0,286	0,000	0,011	0,017	FALSE
0,068	0,307	0,002	0,010	0,077	FALSE
-0,239	0,273	-0,009	0,013	0,340	FALSE
0,099	0,287	0,001	0,008	0,055	FALSE
0,088	0,295	0,001	0,007	0,041	FALSE
0,146	0,274	0,003	0,007	0,186	FALSE
0,103	0,296	0,004	0,011	0,159	FALSE
-0,009	0,292	-0,002	0,013	0,063	FALSE
-0,049	0,303	-0,004	0,012	0,111	FALSE
-0,161	0,285	-0,003	0,009	0,148	FALSE
-0,091	0,289	-0,005	0,013	0,142	FALSE
-0,043	0,307	-0,002	0,010	0,075	FALSE
-0,044	0,296	-0,003	0,010	0,096	FALSE
-0,033	0,301	0,000	0,008	0,009	FALSE
-0,060	0,296	-0,002	0,009	0,078	FALSE
-0,025	0,289	-0,001	0,007	0,039	FALSE
-0,036	0,276	-0,001	0,012	0,031	FALSE
0,209	0,280	0,008	0,013	0,273	FALSE
0,108	0,277	0,004	0,009	0,165	FALSE
0,219	0,268	0,009	0,012	0,339	FALSE
0,222	0,283	0,010	0,013	0,350	FALSE
0,044	0,301	0,001	0,010	0,040	FALSE

-0,152	0,279	-0,004	0,008	0,196	FALSE
-0,009	0,295	0,000	0,007	0,011	FALSE
-0,057	0,294	-0,002	0,010	0,079	FALSE
0,054	0,295	0,000	0,007	0,005	FALSE
-0,063	0,294	-0,002	0,008	0,067	FALSE
-0,053	0,304	0,000	0,007	0,002	FALSE
-0,034	0,300	-0,003	0,014	0,097	FALSE
0,056	0,281	0,002	0,007	0,124	FALSE
-0,110	0,279	-0,003	0,009	0,116	FALSE
-0,134	0,277	-0,007	0,011	0,263	FALSE
0,016	0,287	0,000	0,009	0,018	FALSE
0,000	0,293	0,001	0,007	0,027	FALSE
-0,028	0,302	-0,001	0,007	0,030	FALSE
0,042	0,296	0,000	0,008	0,013	FALSE
0,053	0,290	0,000	0,006	0,021	FALSE
0,047	0,289	0,002	0,008	0,128	FALSE
0,101	0,274	0,004	0,009	0,193	FALSE
-0,038	0,297	-0,001	0,007	0,078	FALSE
0,007	0,289	0,000	0,007	0,004	FALSE
0,020	0,284	0,001	0,008	0,053	FALSE
0,113	0,297	0,003	0,007	0,139	FALSE
0,032	0,286	0,001	0,008	0,053	FALSE
0,017	0,295	0,001	0,008	0,024	FALSE
0,189	0,269	0,007	0,012	0,286	FALSE
0,120	0,288	0,004	0,010	0,147	FALSE
-0,079	0,288	-0,002	0,009	0,085	FALSE
-0,102	0,281	-0,002	0,010	0,087	FALSE
0,049	0,293	0,000	0,007	0,012	FALSE
0,060	0,296	0,002	0,011	0,058	FALSE
0,029	0,296	0,001	0,008	0,056	FALSE
0,048	0,285	0,002	0,008	0,082	FALSE
-0,059	0,295	-0,002	0,012	0,067	FALSE
-0,017	0,294	-0,001	0,007	0,037	FALSE
0,025	0,295	0,001	0,009	0,021	FALSE
0,049	0,302	0,001	0,008	0,031	FALSE
0,071	0,288	0,001	0,007	0,058	FALSE
-0,057	0,290	-0,003	0,012	0,098	FALSE
0,152	0,283	0,008	0,013	0,261	FALSE
-0,190	0,279	-0,009	0,012	0,325	FALSE
-0,093	0,278	-0,001	0,006	0,074	FALSE
0,057	0,288	0,003	0,010	0,106	FALSE
0,003	0,290	0,000	0,008	0,014	FALSE
0,043	0,280	0,002	0,007	0,094	FALSE
-0,111	0,288	-0,003	0,007	0,151	FALSE
0,051	0,281	0,005	0,013	0,142	FALSE
-0,037	0,277	-0,003	0,010	0,097	FALSE
0,044	0,298	0,001	0,007	0,048	FALSE
0,040	0,281	0,000	0,007	0,021	FALSE
-0,033	0,298	0,000	0,010	0,007	FALSE
0,141	0,277	0,002	0,007	0,139	FALSE
-0,005	0,280	-0,001	0,009	0,043	FALSE
-0,038	0,285	-0,001	0,006	0,035	FALSE
0,047	0,300	0,001	0,006	0,044	FALSE

0,134	0,300	0,006	0,010	0,246	FALSE
0,146	0,276	0,007	0,010	0,275	FALSE
0,030	0,302	0,000	0,012	0,013	FALSE
-0,109	0,271	-0,002	0,012	0,054	FALSE
0,078	0,298	0,002	0,008	0,070	FALSE
-0,080	0,285	-0,001	0,006	0,059	FALSE
-0,048	0,277	-0,001	0,008	0,053	FALSE
0,091	0,291	0,003	0,008	0,165	FALSE
-0,012	0,296	0,000	0,008	0,007	FALSE
0,120	0,287	0,001	0,007	0,078	FALSE
-0,144	0,301	-0,003	0,008	0,167	FALSE
0,116	0,301	0,002	0,012	0,074	FALSE
0,142	0,279	0,003	0,011	0,119	FALSE
0,051	0,301	-0,001	0,008	0,033	FALSE
0,138	0,280	0,004	0,009	0,199	FALSE
0,043	0,297	0,001	0,008	0,063	FALSE
-0,070	0,287	-0,004	0,012	0,146	FALSE
-0,008	0,304	-0,001	0,012	0,034	FALSE
-0,080	0,284	-0,002	0,007	0,144	FALSE
-0,034	0,298	0,000	0,007	0,025	FALSE
-0,031	0,279	0,000	0,010	0,008	FALSE
-0,040	0,282	-0,001	0,009	0,053	FALSE
-0,048	0,283	-0,001	0,011	0,030	FALSE
-0,040	0,305	-0,001	0,007	0,086	FALSE
-0,086	0,278	-0,001	0,008	0,034	FALSE
-0,045	0,283	-0,003	0,009	0,116	FALSE
0,013	0,297	-0,001	0,010	0,020	FALSE
0,132	0,301	0,003	0,009	0,122	FALSE
0,084	0,288	0,005	0,013	0,146	FALSE
0,057	0,284	0,001	0,007	0,075	FALSE
-0,182	0,279	-0,004	0,009	0,178	FALSE
-0,004	0,290	0,000	0,012	0,013	FALSE
0,059	0,294	0,001	0,009	0,019	FALSE
-0,102	0,290	-0,003	0,009	0,133	FALSE
0,086	0,289	0,004	0,013	0,114	FALSE
-0,123	0,284	-0,004	0,010	0,147	FALSE
0,101	0,283	0,003	0,006	0,219	FALSE
-0,089	0,281	-0,005	0,013	0,171	FALSE
-0,034	0,289	0,000	0,006	0,004	FALSE
-0,102	0,284	-0,002	0,007	0,133	FALSE
0,115	0,287	0,003	0,007	0,176	FALSE
0,026	0,300	0,000	0,011	0,008	FALSE
-0,011	0,281	0,001	0,007	0,033	FALSE
0,005	0,290	0,000	0,012	0,001	FALSE
-0,097	0,299	-0,004	0,010	0,167	FALSE
-0,176	0,287	-0,007	0,010	0,337	FALSE
-0,091	0,303	-0,003	0,009	0,155	FALSE
-0,080	0,300	-0,003	0,009	0,124	FALSE
0,053	0,298	0,003	0,013	0,085	FALSE
-0,023	0,286	0,000	0,008	0,019	FALSE
-0,058	0,289	-0,002	0,007	0,123	FALSE
0,112	0,291	0,005	0,013	0,156	FALSE
0,001	0,293	0,001	0,011	0,030	FALSE

-0,160	0,287	-0,006	0,010	0,226	FALSE
0,043	0,290	0,000	0,008	0,011	FALSE
-0,049	0,297	-0,003	0,011	0,100	FALSE
-0,038	0,280	0,000	0,006	0,002	FALSE
0,099	0,282	0,003	0,009	0,149	FALSE
-0,054	0,299	0,000	0,007	0,019	FALSE
-0,022	0,284	0,001	0,012	0,017	FALSE
-0,073	0,294	-0,001	0,011	0,039	FALSE
-0,165	0,286	-0,003	0,009	0,156	FALSE
0,098	0,286	0,002	0,007	0,082	FALSE
-0,144	0,287	-0,005	0,010	0,202	FALSE
-0,018	0,300	0,000	0,007	0,017	FALSE
-0,089	0,284	-0,002	0,006	0,092	FALSE
0,033	0,293	0,002	0,012	0,056	FALSE
-0,089	0,294	-0,003	0,008	0,126	FALSE
-0,074	0,290	-0,002	0,013	0,067	FALSE
0,024	0,297	0,001	0,007	0,069	FALSE
0,005	0,283	0,002	0,013	0,047	FALSE
-0,044	0,284	-0,003	0,011	0,110	FALSE
-0,171	0,289	-0,006	0,008	0,293	FALSE
-0,046	0,285	-0,002	0,013	0,065	FALSE
-0,034	0,294	-0,002	0,013	0,068	FALSE
-0,050	0,296	0,000	0,009	0,002	FALSE
0,136	0,287	0,004	0,011	0,145	FALSE
0,063	0,284	-0,001	0,007	0,036	FALSE
0,058	0,287	0,001	0,006	0,077	FALSE
-0,037	0,288	0,000	0,008	0,005	FALSE
-0,117	0,283	-0,006	0,012	0,189	FALSE
-0,072	0,286	-0,002	0,009	0,104	FALSE
-0,025	0,292	0,000	0,010	0,011	FALSE
0,006	0,286	0,001	0,011	0,042	FALSE
-0,048	0,300	0,000	0,007	0,017	FALSE
-0,148	0,302	-0,005	0,012	0,184	FALSE
0,114	0,286	0,003	0,009	0,152	FALSE
-0,108	0,275	-0,005	0,008	0,238	FALSE
0,051	0,284	0,001	0,008	0,025	FALSE
-0,029	0,288	0,000	0,007	0,007	FALSE
0,168	0,289	0,004	0,007	0,223	FALSE
0,139	0,283	0,005	0,008	0,268	FALSE
-0,095	0,293	-0,002	0,010	0,073	FALSE
0,125	0,272	0,006	0,010	0,269	FALSE
-0,062	0,310	-0,002	0,007	0,086	FALSE
-0,048	0,303	-0,001	0,008	0,035	FALSE
-0,023	0,298	-0,001	0,009	0,026	FALSE
0,140	0,286	0,002	0,007	0,132	FALSE
0,059	0,277	0,002	0,009	0,101	FALSE
-0,173	0,291	-0,004	0,008	0,189	FALSE
0,075	0,301	0,004	0,013	0,127	FALSE
0,029	0,287	0,000	0,011	0,014	FALSE
0,152	0,277	0,005	0,012	0,153	FALSE
0,099	0,295	0,002	0,012	0,068	FALSE
-0,132	0,278	-0,002	0,007	0,104	FALSE
0,060	0,293	0,002	0,010	0,093	FALSE

-0,063	0,291	-0,003	0,008	0,138	FALSE
0,052	0,285	0,000	0,006	0,001	FALSE
0,189	0,285	0,007	0,011	0,310	FALSE
0,072	0,291	0,002	0,009	0,089	FALSE
0,004	0,295	0,001	0,012	0,034	FALSE
0,002	0,304	0,000	0,008	0,022	FALSE
0,017	0,304	0,001	0,008	0,046	FALSE
0,032	0,289	-0,001	0,009	0,022	FALSE
-0,024	0,288	0,000	0,008	0,016	FALSE
0,027	0,291	0,002	0,011	0,062	FALSE
0,045	0,299	0,001	0,007	0,052	FALSE
0,054	0,298	0,002	0,008	0,080	FALSE
0,002	0,283	0,001	0,011	0,034	FALSE
0,026	0,292	0,001	0,011	0,043	FALSE
-0,026	0,292	-0,001	0,012	0,034	FALSE
0,107	0,303	0,003	0,013	0,087	FALSE
0,028	0,281	0,002	0,010	0,079	FALSE
0,040	0,287	0,002	0,007	0,093	FALSE
0,039	0,278	0,001	0,007	0,065	FALSE
-0,052	0,294	0,000	0,011	0,010	FALSE
0,084	0,284	0,003	0,008	0,172	FALSE
0,179	0,275	0,004	0,008	0,220	FALSE
0,227	0,286	0,007	0,012	0,242	FALSE
-0,010	0,308	-0,001	0,007	0,051	FALSE
0,000	0,288	-0,003	0,012	0,089	FALSE
-0,142	0,273	-0,003	0,007	0,164	FALSE
-0,092	0,290	-0,006	0,012	0,229	FALSE
0,135	0,291	0,003	0,007	0,171	FALSE
0,038	0,295	0,002	0,009	0,100	FALSE
0,134	0,280	0,003	0,007	0,162	FALSE
0,035	0,286	0,000	0,010	0,018	FALSE
-0,053	0,287	-0,001	0,008	0,031	FALSE
0,064	0,293	0,002	0,009	0,102	FALSE
-0,140	0,272	-0,002	0,007	0,105	FALSE
0,066	0,292	0,001	0,009	0,029	FALSE
0,056	0,298	0,000	0,009	0,005	FALSE
0,037	0,284	0,000	0,012	0,005	FALSE
0,082	0,283	0,002	0,012	0,074	FALSE
0,084	0,277	0,000	0,008	0,018	FALSE
-0,018	0,297	-0,001	0,008	0,039	FALSE
0,162	0,276	0,005	0,008	0,331	FALSE
-0,065	0,282	-0,001	0,012	0,022	FALSE
0,155	0,284	0,007	0,012	0,256	FALSE
-0,096	0,283	0,000	0,007	0,024	FALSE
-0,024	0,308	-0,001	0,009	0,054	FALSE
0,106	0,294	0,002	0,013	0,064	FALSE
0,028	0,302	0,001	0,010	0,025	FALSE
-0,091	0,296	-0,004	0,011	0,171	FALSE
-0,019	0,284	-0,001	0,008	0,071	FALSE
0,054	0,281	0,002	0,011	0,053	FALSE
0,036	0,285	0,001	0,011	0,023	FALSE
-0,054	0,298	-0,003	0,012	0,091	FALSE
0,017	0,290	-0,001	0,012	0,037	FALSE

0,097	0,304	0,003	0,009	0,135	FALSE
0,039	0,297	0,000	0,010	0,007	FALSE
0,049	0,300	0,002	0,012	0,072	FALSE
0,077	0,302	0,002	0,011	0,080	FALSE
0,081	0,290	0,002	0,009	0,097	FALSE
0,055	0,296	0,002	0,011	0,064	FALSE
0,047	0,303	0,002	0,011	0,086	FALSE
0,002	0,288	0,000	0,013	0,010	FALSE
-0,070	0,301	-0,002	0,012	0,063	FALSE
0,030	0,307	0,001	0,010	0,042	FALSE
-0,176	0,282	-0,004	0,007	0,241	FALSE
0,080	0,310	0,002	0,008	0,090	FALSE
0,020	0,294	0,000	0,007	0,001	FALSE
0,139	0,283	0,005	0,012	0,168	FALSE
-0,021	0,299	0,000	0,009	0,010	FALSE
0,229	0,275	0,008	0,010	0,325	FALSE
-0,054	0,286	0,000	0,011	0,008	FALSE
-0,113	0,278	-0,004	0,008	0,207	FALSE
-0,025	0,287	-0,003	0,012	0,089	FALSE
0,045	0,283	0,001	0,006	0,081	FALSE
0,024	0,284	0,000	0,008	0,006	FALSE
-0,061	0,296	-0,002	0,013	0,055	FALSE
-0,116	0,297	-0,004	0,013	0,126	FALSE
0,030	0,304	0,001	0,013	0,023	FALSE
0,064	0,286	0,003	0,010	0,105	FALSE
-0,066	0,290	-0,003	0,012	0,090	FALSE
-0,085	0,299	-0,004	0,012	0,131	FALSE
-0,094	0,299	-0,002	0,008	0,107	FALSE
0,053	0,302	0,001	0,013	0,035	FALSE
-0,016	0,279	-0,003	0,012	0,081	FALSE
-0,060	0,287	-0,001	0,010	0,056	FALSE
0,142	0,291	0,006	0,013	0,182	FALSE
0,011	0,288	0,000	0,007	0,012	FALSE
0,087	0,295	0,003	0,012	0,091	FALSE
0,031	0,284	0,002	0,007	0,082	FALSE
-0,134	0,280	-0,003	0,007	0,192	FALSE
0,024	0,269	0,001	0,010	0,027	FALSE
0,015	0,296	0,001	0,008	0,030	FALSE
-0,084	0,292	-0,003	0,007	0,181	FALSE
0,137	0,282	0,005	0,013	0,146	FALSE
0,046	0,303	0,001	0,007	0,048	FALSE
0,031	0,294	0,002	0,009	0,101	FALSE
0,114	0,280	0,007	0,011	0,263	FALSE
-0,089	0,289	-0,003	0,010	0,101	FALSE
0,008	0,286	0,001	0,009	0,039	FALSE
0,021	0,296	0,000	0,012	0,006	FALSE
0,118	0,270	0,003	0,012	0,094	FALSE
0,079	0,286	0,001	0,007	0,059	FALSE
-0,157	0,288	-0,004	0,012	0,131	FALSE
-0,134	0,300	-0,005	0,013	0,138	FALSE
-0,074	0,292	-0,001	0,008	0,030	FALSE
-0,093	0,286	-0,004	0,008	0,217	FALSE
-0,075	0,299	-0,004	0,011	0,134	FALSE

0,137	0,289	0,007	0,012	0,255	FALSE
0,041	0,306	0,001	0,013	0,022	FALSE
-0,096	0,302	-0,001	0,010	0,052	FALSE
0,016	0,302	0,001	0,008	0,058	FALSE
-0,071	0,281	-0,001	0,006	0,041	FALSE
0,050	0,288	0,002	0,012	0,052	FALSE
0,073	0,291	0,002	0,009	0,090	FALSE
-0,015	0,293	0,001	0,013	0,015	FALSE
0,073	0,302	0,001	0,008	0,063	FALSE
0,085	0,293	0,005	0,011	0,200	FALSE
0,071	0,295	0,005	0,011	0,180	FALSE
0,064	0,273	0,005	0,010	0,204	FALSE
-0,057	0,283	-0,003	0,010	0,126	FALSE
0,067	0,288	0,000	0,009	0,000	FALSE
0,084	0,287	0,001	0,009	0,034	FALSE
0,073	0,290	0,002	0,011	0,079	FALSE
0,043	0,301	0,001	0,011	0,034	FALSE
0,011	0,299	0,001	0,007	0,029	FALSE
-0,048	0,288	-0,002	0,007	0,092	FALSE
0,148	0,283	0,005	0,010	0,190	FALSE
-0,078	0,306	-0,003	0,010	0,109	FALSE
-0,106	0,285	-0,004	0,009	0,185	FALSE
0,088	0,280	0,004	0,011	0,164	FALSE
-0,123	0,289	-0,004	0,009	0,179	FALSE
-0,160	0,283	-0,002	0,006	0,156	FALSE
0,131	0,302	0,005	0,010	0,216	FALSE
0,064	0,289	0,005	0,011	0,165	FALSE
-0,012	0,300	0,001	0,009	0,029	FALSE
0,041	0,272	0,002	0,006	0,111	FALSE
0,028	0,273	-0,001	0,008	0,038	FALSE
0,081	0,295	0,003	0,012	0,092	FALSE
0,082	0,288	0,004	0,012	0,120	FALSE
0,136	0,279	0,005	0,012	0,163	FALSE
0,078	0,284	0,003	0,007	0,162	FALSE
0,001	0,282	-0,001	0,009	0,028	FALSE
0,001	0,294	0,000	0,013	0,009	FALSE
0,028	0,286	0,001	0,009	0,054	FALSE
-0,031	0,290	-0,002	0,011	0,061	FALSE
-0,022	0,294	0,000	0,010	0,007	FALSE
0,109	0,298	0,004	0,011	0,122	FALSE
0,057	0,293	0,001	0,008	0,064	FALSE
0,080	0,291	0,002	0,010	0,089	FALSE
0,113	0,288	0,004	0,010	0,142	FALSE
0,039	0,292	0,001	0,008	0,058	FALSE
-0,064	0,293	-0,002	0,008	0,080	FALSE
0,042	0,292	0,001	0,006	0,060	FALSE
-0,037	0,294	0,000	0,011	0,005	FALSE
0,078	0,280	0,001	0,008	0,058	FALSE
-0,077	0,301	-0,004	0,011	0,138	FALSE
-0,003	0,293	0,001	0,012	0,036	FALSE
0,043	0,297	0,003	0,013	0,089	FALSE
-0,044	0,296	-0,002	0,011	0,055	FALSE
-0,094	0,290	-0,004	0,012	0,120	FALSE

-0,064	0,298	-0,003	0,012	0,105	FALSE
0,015	0,298	0,000	0,007	0,010	FALSE
0,021	0,297	0,001	0,007	0,029	FALSE
-0,027	0,294	-0,001	0,007	0,044	FALSE
0,026	0,298	0,001	0,007	0,033	FALSE
0,013	0,288	0,002	0,012	0,065	FALSE
-0,071	0,295	-0,003	0,012	0,101	FALSE
0,003	0,304	0,001	0,011	0,022	FALSE
-0,131	0,288	-0,004	0,012	0,145	FALSE
-0,080	0,290	-0,002	0,012	0,052	FALSE
-0,029	0,295	-0,001	0,010	0,027	FALSE
-0,005	0,291	0,000	0,010	0,007	FALSE
-0,082	0,272	-0,002	0,011	0,056	FALSE
-0,041	0,291	-0,001	0,008	0,023	FALSE
-0,014	0,297	0,000	0,010	0,010	FALSE
0,064	0,291	0,004	0,011	0,129	FALSE
0,070	0,302	0,004	0,011	0,131	FALSE
0,005	0,288	0,000	0,006	0,011	FALSE
-0,024	0,291	-0,001	0,010	0,049	FALSE
0,025	0,282	0,001	0,008	0,042	FALSE
-0,047	0,305	-0,001	0,007	0,064	FALSE
0,041	0,285	0,002	0,013	0,068	FALSE
0,074	0,302	0,002	0,010	0,072	FALSE
-0,013	0,295	-0,001	0,012	0,028	FALSE
0,003	0,290	0,000	0,012	0,013	FALSE
-0,105	0,296	-0,004	0,012	0,146	FALSE
0,164	0,294	0,006	0,013	0,194	FALSE
-0,111	0,285	-0,003	0,012	0,112	FALSE
0,105	0,288	0,003	0,008	0,126	FALSE
0,027	0,284	0,000	0,012	0,014	FALSE
-0,130	0,278	-0,004	0,009	0,189	FALSE
-0,059	0,284	-0,001	0,009	0,063	FALSE
0,040	0,293	0,000	0,007	0,002	FALSE
0,018	0,289	0,000	0,008	0,018	FALSE
0,046	0,293	0,000	0,006	0,018	FALSE
0,111	0,294	0,002	0,007	0,123	FALSE
0,010	0,296	0,000	0,008	0,014	FALSE
0,025	0,280	0,003	0,012	0,084	FALSE
0,043	0,288	0,001	0,008	0,033	FALSE
0,068	0,290	0,003	0,010	0,119	FALSE
-0,033	0,286	0,001	0,013	0,018	FALSE
0,027	0,283	0,000	0,009	0,001	FALSE
0,034	0,290	-0,001	0,010	0,041	FALSE
-0,054	0,286	-0,001	0,006	0,075	FALSE
-0,041	0,297	-0,002	0,007	0,100	FALSE
0,070	0,293	0,003	0,010	0,103	FALSE
-0,077	0,290	-0,001	0,011	0,049	FALSE
-0,048	0,290	-0,001	0,007	0,062	FALSE
0,033	0,286	0,001	0,006	0,082	FALSE
0,168	0,286	0,004	0,009	0,159	FALSE
0,093	0,304	0,002	0,009	0,080	FALSE
-0,085	0,280	-0,003	0,010	0,120	FALSE
-0,058	0,300	-0,001	0,009	0,058	FALSE

0,075	0,288	0,005	0,012	0,168	FALSE
0,027	0,296	0,001	0,011	0,028	FALSE
0,179	0,284	0,007	0,013	0,244	FALSE
-0,097	0,286	-0,002	0,010	0,099	FALSE
-0,011	0,274	0,001	0,012	0,018	FALSE
-0,028	0,301	-0,003	0,011	0,087	FALSE
-0,048	0,297	-0,003	0,011	0,106	FALSE
-0,116	0,284	-0,004	0,010	0,178	FALSE
-0,159	0,290	-0,004	0,008	0,240	FALSE
0,089	0,300	0,004	0,013	0,123	FALSE
-0,041	0,288	-0,002	0,008	0,087	FALSE
-0,038	0,289	-0,001	0,006	0,044	FALSE
-0,102	0,284	-0,001	0,009	0,034	FALSE
0,031	0,296	0,001	0,011	0,027	FALSE
-0,023	0,287	0,001	0,007	0,032	FALSE
-0,130	0,284	-0,005	0,013	0,141	FALSE
0,049	0,290	0,001	0,007	0,043	FALSE
-0,114	0,270	-0,003	0,012	0,097	FALSE
0,031	0,294	0,000	0,007	0,024	FALSE
-0,043	0,303	-0,004	0,011	0,135	FALSE
0,004	0,282	0,000	0,008	0,006	FALSE
0,131	0,282	0,003	0,008	0,162	FALSE
0,108	0,292	0,003	0,009	0,136	FALSE
0,205	0,284	0,007	0,011	0,275	FALSE
0,026	0,301	0,001	0,012	0,024	FALSE
0,131	0,292	0,004	0,010	0,144	FALSE
0,013	0,290	0,001	0,008	0,062	FALSE
-0,111	0,299	-0,004	0,008	0,190	FALSE
-0,174	0,288	-0,005	0,011	0,187	FALSE
0,030	0,287	0,000	0,007	0,021	FALSE
-0,072	0,277	-0,005	0,012	0,174	FALSE
0,003	0,268	-0,001	0,008	0,068	FALSE
-0,069	0,290	-0,003	0,010	0,111	FALSE
-0,131	0,283	-0,004	0,008	0,189	FALSE
0,050	0,284	0,001	0,012	0,017	FALSE
-0,039	0,286	-0,002	0,009	0,101	FALSE
-0,042	0,288	-0,001	0,010	0,024	FALSE
0,019	0,299	0,001	0,008	0,038	FALSE
0,017	0,295	0,000	0,007	0,018	FALSE
0,139	0,289	0,005	0,010	0,205	FALSE
0,050	0,296	0,003	0,013	0,078	FALSE
0,079	0,285	0,004	0,012	0,119	FALSE
0,143	0,293	0,006	0,012	0,215	FALSE
-0,126	0,294	-0,003	0,007	0,151	FALSE
-0,067	0,272	-0,002	0,010	0,077	FALSE
0,117	0,292	0,005	0,010	0,208	FALSE
0,071	0,288	0,002	0,009	0,103	FALSE
-0,142	0,296	-0,005	0,012	0,153	FALSE
0,011	0,282	0,002	0,009	0,073	FALSE
-0,032	0,273	-0,005	0,012	0,155	FALSE
0,019	0,295	0,001	0,009	0,053	FALSE
0,042	0,297	0,001	0,011	0,049	FALSE
0,139	0,283	0,004	0,007	0,205	FALSE

-0,015	0,296	-0,001	0,007	0,034	FALSE
0,040	0,258	0,004	0,013	0,110	FALSE
0,015	0,288	0,000	0,008	0,019	FALSE
-0,020	0,288	-0,002	0,011	0,072	FALSE
-0,060	0,298	-0,001	0,007	0,026	FALSE
0,173	0,288	0,004	0,013	0,131	FALSE
-0,018	0,294	0,001	0,009	0,021	FALSE
-0,132	0,272	-0,002	0,006	0,155	FALSE
0,098	0,289	0,003	0,010	0,134	FALSE
0,147	0,289	0,005	0,010	0,206	FALSE
-0,061	0,290	-0,002	0,010	0,091	FALSE
0,036	0,297	0,002	0,011	0,076	FALSE
-0,002	0,307	0,002	0,013	0,043	FALSE
0,055	0,280	-0,001	0,011	0,026	FALSE
-0,058	0,288	0,000	0,010	0,014	FALSE
-0,065	0,293	-0,002	0,010	0,063	FALSE
-0,112	0,272	-0,001	0,006	0,084	FALSE
-0,055	0,282	-0,002	0,008	0,086	FALSE
-0,070	0,281	-0,001	0,009	0,047	FALSE
-0,041	0,289	-0,001	0,006	0,069	FALSE
0,088	0,295	0,002	0,007	0,132	FALSE
0,025	0,279	0,002	0,010	0,066	FALSE
-0,081	0,311	-0,001	0,009	0,043	FALSE
-0,010	0,298	0,000	0,012	0,013	FALSE
0,076	0,298	0,003	0,010	0,147	FALSE
0,095	0,296	0,006	0,012	0,214	FALSE
0,065	0,297	0,004	0,012	0,155	FALSE
0,056	0,296	0,000	0,009	0,017	FALSE
-0,003	0,299	0,000	0,012	0,001	FALSE
-0,081	0,288	-0,002	0,007	0,129	FALSE
0,173	0,294	0,007	0,012	0,260	FALSE
-0,055	0,289	-0,001	0,007	0,038	FALSE
-0,099	0,284	-0,005	0,011	0,206	FALSE
-0,015	0,287	0,000	0,009	0,007	FALSE
0,060	0,289	0,003	0,012	0,087	FALSE
0,044	0,294	0,000	0,009	0,018	FALSE
-0,014	0,287	0,000	0,012	0,012	FALSE
-0,141	0,283	-0,003	0,009	0,128	FALSE
-0,140	0,283	-0,003	0,008	0,139	FALSE
0,142	0,289	0,003	0,008	0,172	FALSE
-0,027	0,301	-0,001	0,011	0,016	FALSE
0,025	0,301	0,000	0,010	0,015	FALSE
-0,075	0,292	-0,002	0,009	0,089	FALSE
-0,149	0,271	-0,006	0,012	0,207	FALSE
0,095	0,290	0,002	0,011	0,056	FALSE
0,011	0,299	-0,001	0,012	0,041	FALSE
0,010	0,298	0,001	0,008	0,060	FALSE
0,086	0,290	0,002	0,010	0,079	FALSE
0,127	0,279	0,003	0,006	0,184	FALSE
-0,007	0,302	-0,002	0,012	0,055	FALSE
0,020	0,289	0,000	0,012	0,012	FALSE
-0,055	0,295	-0,003	0,011	0,102	FALSE
-0,087	0,287	-0,004	0,011	0,134	FALSE

-0,093	0,275	-0,004	0,010	0,153	FALSE
0,026	0,295	0,002	0,008	0,084	FALSE
0,061	0,301	0,002	0,013	0,070	FALSE
-0,047	0,299	-0,001	0,013	0,016	FALSE
0,030	0,288	0,002	0,012	0,047	FALSE
0,009	0,284	0,000	0,007	0,002	FALSE
0,037	0,296	0,000	0,006	0,013	FALSE
0,075	0,290	0,001	0,009	0,038	FALSE
-0,079	0,270	-0,003	0,012	0,106	FALSE
0,032	0,307	0,000	0,007	0,010	FALSE
-0,127	0,285	-0,004	0,012	0,115	FALSE
0,001	0,288	0,002	0,009	0,078	FALSE
0,042	0,283	0,002	0,009	0,094	FALSE
0,039	0,291	0,001	0,010	0,044	FALSE
-0,031	0,296	0,000	0,009	0,007	FALSE
0,112	0,294	0,004	0,008	0,189	FALSE
0,034	0,302	0,000	0,011	0,009	FALSE
-0,118	0,291	-0,004	0,012	0,113	FALSE
-0,090	0,294	-0,003	0,008	0,159	FALSE
0,048	0,296	0,002	0,007	0,087	FALSE
-0,038	0,269	-0,001	0,007	0,060	FALSE
-0,017	0,281	0,000	0,009	0,009	FALSE
-0,011	0,287	0,000	0,008	0,016	FALSE
0,034	0,287	0,002	0,009	0,110	FALSE
0,037	0,285	0,002	0,010	0,068	FALSE
0,003	0,292	0,001	0,010	0,027	FALSE
0,009	0,313	0,001	0,008	0,036	FALSE
-0,172	0,281	-0,004	0,008	0,252	FALSE
0,065	0,283	0,004	0,012	0,122	FALSE
-0,169	0,264	-0,006	0,010	0,267	FALSE
0,037	0,291	0,001	0,013	0,035	FALSE
0,086	0,283	0,000	0,007	0,009	FALSE
-0,063	0,302	-0,003	0,011	0,088	FALSE
-0,079	0,308	-0,004	0,012	0,124	FALSE
-0,015	0,301	0,000	0,007	0,012	FALSE
-0,027	0,288	0,000	0,007	0,012	FALSE
-0,004	0,305	0,000	0,007	0,007	FALSE
0,079	0,297	0,001	0,012	0,040	FALSE
-0,109	0,301	-0,004	0,012	0,116	FALSE
-0,006	0,297	0,000	0,013	0,003	FALSE
-0,065	0,291	0,000	0,007	0,012	FALSE
-0,129	0,282	-0,002	0,006	0,127	FALSE
0,095	0,276	0,004	0,012	0,118	FALSE
0,037	0,302	0,001	0,009	0,034	FALSE
-0,031	0,282	0,000	0,008	0,009	FALSE
0,076	0,285	0,000	0,007	0,017	FALSE
0,169	0,275	0,005	0,009	0,261	FALSE
-0,110	0,296	-0,006	0,009	0,279	FALSE
0,193	0,277	0,006	0,009	0,323	FALSE
-0,094	0,281	-0,002	0,008	0,093	FALSE
0,086	0,299	0,001	0,008	0,043	FALSE
0,043	0,293	0,002	0,008	0,088	FALSE
-0,034	0,294	-0,001	0,012	0,041	FALSE

0,027	0,294	0,001	0,011	0,025	FALSE
-0,210	0,287	-0,008	0,012	0,291	FALSE
-0,065	0,296	-0,002	0,007	0,089	FALSE
-0,019	0,284	-0,001	0,007	0,058	FALSE
0,053	0,284	0,001	0,007	0,058	FALSE
0,017	0,289	0,000	0,007	0,004	FALSE
-0,089	0,296	-0,004	0,012	0,125	FALSE
-0,130	0,296	-0,005	0,013	0,149	FALSE
0,055	0,279	0,001	0,012	0,023	FALSE
-0,092	0,291	-0,002	0,008	0,098	FALSE
0,015	0,297	0,000	0,009	0,008	FALSE
0,020	0,287	-0,001	0,011	0,026	FALSE
-0,080	0,286	-0,005	0,011	0,168	FALSE
0,050	0,293	0,002	0,011	0,058	FALSE
-0,026	0,282	-0,001	0,008	0,031	FALSE
-0,089	0,292	-0,002	0,013	0,059	FALSE
-0,060	0,306	-0,002	0,008	0,107	FALSE
0,128	0,294	0,003	0,007	0,180	FALSE
0,025	0,290	0,001	0,008	0,042	FALSE
-0,043	0,298	-0,001	0,008	0,062	FALSE
0,081	0,280	0,003	0,012	0,098	FALSE
0,040	0,291	0,001	0,006	0,033	FALSE
0,164	0,276	0,006	0,013	0,180	FALSE
-0,065	0,288	0,000	0,008	0,017	FALSE
-0,048	0,289	0,000	0,011	0,013	FALSE
-0,087	0,296	-0,002	0,010	0,072	FALSE
0,091	0,294	0,002	0,007	0,101	FALSE
0,043	0,299	0,001	0,011	0,039	FALSE
0,052	0,286	0,000	0,010	0,009	FALSE
-0,134	0,289	-0,007	0,012	0,240	FALSE
-0,033	0,285	-0,001	0,006	0,046	FALSE
0,032	0,307	0,002	0,010	0,077	FALSE
0,057	0,292	0,002	0,009	0,088	FALSE
-0,158	0,278	-0,005	0,013	0,143	FALSE
0,194	0,281	0,005	0,008	0,286	FALSE
0,157	0,275	0,005	0,012	0,186	FALSE
0,120	0,286	0,002	0,010	0,096	FALSE
-0,037	0,288	-0,001	0,013	0,043	FALSE
-0,043	0,295	-0,001	0,007	0,071	FALSE
-0,098	0,289	-0,003	0,008	0,154	FALSE
0,212	0,287	0,005	0,007	0,297	FALSE
-0,045	0,288	-0,003	0,011	0,090	FALSE
0,046	0,290	0,001	0,011	0,019	FALSE
-0,040	0,291	-0,003	0,011	0,098	FALSE
0,008	0,279	0,001	0,007	0,058	FALSE
0,183	0,287	0,007	0,010	0,327	FALSE
0,068	0,289	0,002	0,008	0,072	FALSE
-0,151	0,278	-0,005	0,012	0,167	FALSE
0,069	0,296	0,002	0,013	0,065	FALSE
0,048	0,299	0,001	0,013	0,034	FALSE
0,036	0,297	0,001	0,009	0,036	FALSE
-0,060	0,280	0,000	0,012	0,012	FALSE
0,161	0,272	0,004	0,012	0,139	FALSE

0,150	0,278	0,004	0,012	0,127	FALSE
-0,088	0,298	-0,002	0,008	0,084	FALSE
-0,184	0,280	-0,004	0,007	0,211	FALSE
0,104	0,285	0,002	0,007	0,122	FALSE
-0,016	0,294	0,000	0,008	0,014	FALSE
0,074	0,293	0,004	0,012	0,113	FALSE
0,044	0,287	0,001	0,010	0,020	FALSE
0,004	0,288	0,001	0,010	0,022	FALSE
0,029	0,294	0,001	0,008	0,039	FALSE
-0,002	0,294	-0,002	0,013	0,056	FALSE
-0,002	0,281	0,000	0,009	0,008	FALSE
0,075	0,292	0,002	0,011	0,059	FALSE
-0,103	0,287	-0,003	0,009	0,142	FALSE
0,084	0,288	0,002	0,008	0,103	FALSE
0,086	0,293	0,003	0,009	0,120	FALSE
0,052	0,288	0,003	0,013	0,084	FALSE
0,078	0,305	0,004	0,013	0,126	FALSE
-0,121	0,294	-0,006	0,013	0,190	FALSE
0,088	0,299	0,003	0,008	0,143	FALSE
-0,035	0,286	0,000	0,008	0,010	FALSE
0,059	0,287	0,001	0,011	0,021	FALSE
0,078	0,288	0,001	0,011	0,047	FALSE
-0,025	0,280	0,001	0,012	0,035	FALSE
-0,066	0,289	-0,004	0,012	0,143	FALSE
-0,108	0,282	-0,002	0,012	0,068	FALSE
-0,005	0,288	-0,002	0,008	0,079	FALSE
-0,138	0,276	-0,003	0,008	0,133	FALSE
0,013	0,294	0,001	0,010	0,031	FALSE
0,103	0,296	0,002	0,008	0,087	FALSE
-0,085	0,287	-0,002	0,011	0,055	FALSE
-0,003	0,285	0,000	0,008	0,006	FALSE
0,053	0,291	0,004	0,012	0,109	FALSE
-0,157	0,269	-0,006	0,011	0,228	FALSE
-0,107	0,288	-0,002	0,008	0,130	FALSE
-0,060	0,273	-0,002	0,010	0,083	FALSE
0,139	0,284	0,004	0,010	0,176	FALSE
-0,076	0,285	-0,002	0,010	0,066	FALSE
-0,011	0,295	0,000	0,012	0,002	FALSE
-0,064	0,286	-0,001	0,012	0,016	FALSE
0,173	0,273	0,005	0,011	0,165	FALSE
-0,143	0,293	-0,005	0,013	0,166	FALSE
-0,088	0,290	-0,003	0,010	0,137	FALSE
-0,133	0,296	-0,003	0,007	0,202	FALSE
0,044	0,281	0,001	0,008	0,039	FALSE
0,140	0,282	0,003	0,009	0,119	FALSE
0,046	0,285	0,002	0,009	0,068	FALSE
0,166	0,295	0,004	0,007	0,280	FALSE
0,015	0,297	0,000	0,006	0,017	FALSE
-0,006	0,288	-0,002	0,007	0,081	FALSE
-0,133	0,296	-0,002	0,008	0,103	FALSE
0,020	0,297	0,002	0,013	0,047	FALSE
-0,054	0,303	-0,003	0,008	0,122	FALSE
-0,024	0,297	0,000	0,007	0,026	FALSE

0,038	0,283	0,003	0,010	0,128	FALSE
0,095	0,288	0,003	0,012	0,096	FALSE
0,075	0,300	0,004	0,012	0,146	FALSE
-0,083	0,287	-0,003	0,012	0,080	FALSE
0,042	0,294	0,002	0,013	0,058	FALSE
0,018	0,283	0,000	0,009	0,001	FALSE
0,046	0,287	0,001	0,007	0,068	FALSE
0,080	0,304	0,001	0,013	0,035	FALSE
-0,056	0,276	-0,002	0,011	0,067	FALSE
-0,024	0,297	0,002	0,013	0,050	FALSE
0,083	0,294	0,001	0,007	0,044	FALSE
-0,024	0,289	-0,001	0,007	0,047	FALSE
-0,102	0,295	-0,004	0,010	0,171	FALSE
0,098	0,301	0,003	0,012	0,110	FALSE
-0,111	0,288	-0,002	0,011	0,077	FALSE
-0,025	0,287	-0,001	0,012	0,039	FALSE
0,150	0,288	0,006	0,012	0,211	FALSE
0,034	0,297	0,001	0,006	0,070	FALSE
-0,015	0,292	-0,001	0,009	0,050	FALSE
0,023	0,288	-0,001	0,007	0,037	FALSE
0,040	0,292	0,000	0,011	0,005	FALSE
-0,006	0,285	-0,001	0,008	0,066	FALSE
-0,092	0,298	-0,004	0,013	0,119	FALSE
-0,157	0,281	-0,003	0,009	0,157	FALSE
0,062	0,283	0,000	0,010	0,001	FALSE
0,104	0,303	0,003	0,010	0,118	FALSE
0,003	0,295	0,000	0,008	0,002	FALSE
0,085	0,285	0,001	0,011	0,037	FALSE
-0,087	0,288	-0,003	0,009	0,150	FALSE
0,106	0,279	0,005	0,013	0,174	FALSE
0,130	0,281	0,005	0,011	0,197	FALSE
0,110	0,281	0,003	0,013	0,104	FALSE
0,045	0,278	0,002	0,007	0,128	FALSE
-0,012	0,291	0,000	0,009	0,004	FALSE
0,053	0,285	0,000	0,006	0,017	FALSE
0,085	0,292	0,001	0,007	0,070	FALSE
0,126	0,298	0,003	0,008	0,135	FALSE
0,156	0,294	0,004	0,008	0,193	FALSE
0,055	0,297	0,002	0,011	0,064	FALSE
0,064	0,299	0,001	0,012	0,027	FALSE
0,028	0,304	0,000	0,011	0,005	FALSE
-0,085	0,286	-0,002	0,007	0,126	FALSE
-0,005	0,287	0,001	0,012	0,038	FALSE
-0,049	0,290	-0,001	0,009	0,031	FALSE
-0,017	0,290	0,000	0,009	0,008	FALSE
-0,012	0,299	0,000	0,009	0,005	FALSE
0,055	0,280	0,000	0,011	0,006	FALSE
0,010	0,295	0,000	0,013	0,010	FALSE
-0,089	0,275	-0,003	0,008	0,125	FALSE
-0,059	0,282	-0,002	0,008	0,079	FALSE
-0,107	0,283	-0,005	0,008	0,236	FALSE
0,071	0,299	0,003	0,010	0,093	FALSE
0,074	0,283	0,002	0,012	0,075	FALSE

0,077	0,288	0,006	0,012	0,204	FALSE
0,136	0,277	0,008	0,012	0,266	FALSE
-0,064	0,290	-0,001	0,007	0,041	FALSE
0,057	0,288	0,000	0,007	0,000	FALSE
0,059	0,295	0,001	0,012	0,022	FALSE
0,103	0,294	0,004	0,012	0,131	FALSE
0,031	0,298	0,001	0,011	0,044	FALSE
0,101	0,293	0,004	0,011	0,131	FALSE
0,067	0,291	0,004	0,012	0,121	FALSE
0,038	0,291	0,001	0,010	0,032	FALSE
-0,076	0,287	-0,002	0,012	0,057	FALSE
0,052	0,297	0,001	0,013	0,027	FALSE
-0,093	0,295	-0,001	0,007	0,079	FALSE
0,013	0,294	-0,003	0,012	0,097	FALSE
-0,038	0,279	-0,004	0,010	0,174	FALSE
-0,027	0,282	-0,002	0,008	0,101	FALSE
-0,011	0,287	-0,001	0,013	0,039	FALSE
-0,131	0,283	-0,004	0,011	0,165	FALSE
0,015	0,299	0,001	0,013	0,014	FALSE
0,023	0,272	0,002	0,010	0,062	FALSE
-0,005	0,286	0,002	0,013	0,047	FALSE
0,022	0,290	0,005	0,013	0,136	FALSE
0,008	0,281	0,000	0,011	0,006	FALSE
0,029	0,279	0,001	0,007	0,071	FALSE
-0,189	0,291	-0,006	0,009	0,286	FALSE
0,090	0,283	0,002	0,007	0,110	FALSE
-0,120	0,278	-0,004	0,008	0,201	FALSE
-0,030	0,297	-0,001	0,008	0,054	FALSE
0,181	0,276	0,004	0,006	0,267	FALSE
-0,008	0,295	0,000	0,012	0,004	FALSE
0,018	0,309	0,001	0,013	0,020	FALSE
0,020	0,281	-0,001	0,011	0,038	FALSE
-0,004	0,295	-0,001	0,010	0,026	FALSE
-0,134	0,288	-0,007	0,010	0,283	FALSE
-0,073	0,296	-0,004	0,010	0,193	FALSE
0,039	0,283	0,002	0,010	0,080	FALSE
-0,062	0,294	-0,002	0,009	0,062	FALSE
0,122	0,293	0,003	0,006	0,161	FALSE
-0,115	0,283	-0,004	0,010	0,150	FALSE
-0,005	0,293	-0,001	0,010	0,026	FALSE
0,002	0,305	0,000	0,013	0,005	FALSE
0,036	0,307	0,002	0,013	0,056	FALSE
-0,051	0,303	-0,002	0,013	0,067	FALSE
0,003	0,305	0,000	0,013	0,003	FALSE
-0,050	0,310	-0,002	0,013	0,052	FALSE
-0,010	0,286	-0,001	0,007	0,047	FALSE
0,088	0,284	0,003	0,010	0,097	FALSE
-0,039	0,275	-0,001	0,011	0,038	FALSE
0,045	0,284	0,000	0,007	0,015	FALSE
0,211	0,277	0,008	0,012	0,300	FALSE
0,041	0,302	0,001	0,010	0,033	FALSE
0,030	0,293	0,002	0,011	0,067	FALSE
0,109	0,283	0,006	0,010	0,239	FALSE

0,025	0,293	0,002	0,013	0,064	FALSE
-0,061	0,302	-0,002	0,007	0,125	FALSE
0,072	0,303	0,001	0,008	0,069	FALSE
-0,036	0,293	0,000	0,010	0,015	FALSE
-0,056	0,276	-0,001	0,009	0,025	FALSE
0,000	0,287	0,000	0,011	0,008	FALSE
0,080	0,289	0,002	0,010	0,063	FALSE
0,011	0,295	0,000	0,011	0,007	FALSE
-0,082	0,296	-0,003	0,013	0,090	FALSE
0,049	0,280	0,002	0,012	0,050	FALSE
0,068	0,289	0,002	0,007	0,128	FALSE
-0,042	0,294	-0,001	0,010	0,026	FALSE
0,037	0,300	0,000	0,007	0,013	FALSE
0,058	0,285	0,001	0,009	0,045	FALSE
0,011	0,284	0,003	0,012	0,080	FALSE
-0,056	0,293	-0,001	0,011	0,035	FALSE
0,013	0,287	0,001	0,009	0,022	FALSE
0,028	0,278	0,001	0,012	0,027	FALSE
-0,175	0,284	-0,005	0,010	0,219	FALSE
0,101	0,284	0,004	0,012	0,119	FALSE
0,059	0,287	0,000	0,007	0,002	FALSE
0,053	0,281	-0,002	0,012	0,057	FALSE
0,022	0,291	0,001	0,006	0,072	FALSE
0,011	0,296	-0,001	0,008	0,037	FALSE
0,104	0,278	0,003	0,009	0,144	FALSE
0,169	0,270	0,005	0,008	0,288	FALSE
0,105	0,293	0,004	0,013	0,121	FALSE
-0,044	0,291	-0,001	0,007	0,079	FALSE
0,011	0,298	-0,001	0,009	0,034	FALSE
-0,078	0,291	-0,004	0,010	0,138	FALSE
0,039	0,289	-0,001	0,010	0,024	FALSE
0,040	0,285	0,002	0,009	0,068	FALSE
-0,042	0,276	-0,001	0,013	0,031	FALSE
-0,049	0,281	0,000	0,011	0,014	FALSE
-0,148	0,277	-0,003	0,007	0,151	FALSE
-0,007	0,288	-0,001	0,007	0,054	FALSE
-0,070	0,296	-0,003	0,012	0,084	FALSE
-0,006	0,291	0,000	0,013	0,014	FALSE
0,055	0,281	0,002	0,011	0,067	FALSE
-0,058	0,286	-0,003	0,007	0,162	FALSE
-0,112	0,291	-0,005	0,010	0,185	FALSE
0,132	0,293	0,004	0,010	0,165	FALSE
-0,014	0,282	0,000	0,008	0,021	FALSE
-0,084	0,279	-0,005	0,013	0,151	FALSE
0,006	0,291	0,001	0,010	0,034	FALSE
0,008	0,273	0,002	0,011	0,082	FALSE
-0,003	0,294	0,000	0,010	0,013	FALSE
-0,063	0,310	-0,002	0,011	0,051	FALSE
0,032	0,288	0,003	0,012	0,097	FALSE
0,118	0,286	0,004	0,010	0,171	FALSE
0,018	0,291	0,001	0,007	0,066	FALSE
-0,083	0,290	-0,002	0,007	0,083	FALSE
-0,085	0,291	-0,002	0,007	0,094	FALSE

0,108	0,288	0,002	0,007	0,140	FALSE
-0,143	0,291	-0,003	0,009	0,145	FALSE
-0,241	0,270	-0,009	0,012	0,337	FALSE
0,185	0,268	0,003	0,006	0,189	FALSE
-0,058	0,295	-0,001	0,008	0,049	FALSE
-0,040	0,290	-0,001	0,009	0,057	FALSE
-0,076	0,278	-0,002	0,006	0,096	FALSE
-0,118	0,288	-0,003	0,007	0,176	FALSE
-0,087	0,287	-0,001	0,006	0,070	FALSE
0,117	0,298	0,004	0,011	0,137	FALSE
-0,158	0,273	-0,003	0,006	0,181	FALSE
0,015	0,299	0,001	0,007	0,063	FALSE
0,005	0,279	0,001	0,008	0,024	FALSE
0,088	0,291	0,004	0,013	0,141	FALSE
0,043	0,293	0,001	0,009	0,040	FALSE
-0,018	0,296	-0,001	0,008	0,044	FALSE
-0,019	0,291	0,001	0,007	0,050	FALSE
0,148	0,287	0,003	0,008	0,151	FALSE
0,007	0,278	0,002	0,009	0,089	FALSE
0,004	0,288	0,002	0,008	0,097	FALSE
-0,157	0,277	-0,002	0,006	0,147	FALSE
-0,045	0,287	-0,003	0,012	0,079	FALSE
-0,128	0,283	-0,005	0,010	0,193	FALSE
0,018	0,293	0,000	0,007	0,004	FALSE
-0,057	0,281	-0,001	0,007	0,050	FALSE
0,141	0,292	0,004	0,010	0,156	FALSE
0,056	0,277	0,003	0,011	0,104	FALSE
-0,014	0,296	-0,001	0,012	0,043	FALSE
-0,132	0,280	-0,004	0,013	0,119	FALSE
-0,091	0,292	-0,001	0,007	0,050	FALSE
-0,110	0,259	-0,003	0,012	0,109	FALSE
0,016	0,292	0,001	0,008	0,028	FALSE
-0,027	0,277	-0,002	0,008	0,081	FALSE
0,069	0,289	0,001	0,007	0,031	FALSE
-0,096	0,285	-0,003	0,008	0,168	FALSE
0,053	0,306	0,001	0,011	0,048	FALSE
-0,122	0,285	-0,004	0,010	0,143	FALSE
-0,026	0,295	0,000	0,013	0,000	FALSE
-0,162	0,275	-0,006	0,011	0,242	FALSE
-0,158	0,289	-0,004	0,008	0,213	FALSE
0,066	0,295	0,002	0,012	0,070	FALSE
0,014	0,301	0,000	0,009	0,016	FALSE
0,130	0,277	0,005	0,009	0,215	FALSE
-0,075	0,280	-0,003	0,013	0,089	FALSE
-0,089	0,281	-0,002	0,007	0,103	FALSE
-0,121	0,274	-0,002	0,013	0,057	FALSE
-0,055	0,295	-0,001	0,008	0,038	FALSE
-0,049	0,281	-0,001	0,012	0,026	FALSE
-0,008	0,285	-0,002	0,012	0,051	FALSE
-0,123	0,293	-0,005	0,010	0,199	FALSE
-0,186	0,290	-0,004	0,007	0,243	FALSE
0,028	0,281	0,001	0,007	0,056	FALSE
0,074	0,284	0,002	0,009	0,090	FALSE

-0,038	0,294	0,000	0,011	0,011	FALSE
0,032	0,275	0,001	0,009	0,041	FALSE
0,086	0,288	0,002	0,008	0,124	FALSE
0,013	0,303	0,001	0,012	0,038	FALSE
-0,093	0,285	-0,004	0,010	0,146	FALSE
-0,173	0,280	-0,006	0,012	0,208	FALSE
0,079	0,296	0,002	0,007	0,132	FALSE
0,152	0,282	0,005	0,013	0,172	FALSE
-0,114	0,284	-0,003	0,009	0,124	FALSE
-0,090	0,283	-0,003	0,010	0,108	FALSE
0,071	0,291	0,000	0,010	0,003	FALSE
-0,028	0,299	-0,001	0,007	0,026	FALSE
-0,088	0,288	-0,003	0,009	0,111	FALSE
0,083	0,289	0,002	0,007	0,130	FALSE
0,058	0,292	0,002	0,009	0,069	FALSE
0,075	0,295	0,003	0,010	0,093	FALSE
0,088	0,283	0,003	0,009	0,118	FALSE
0,092	0,277	0,003	0,007	0,184	FALSE
0,032	0,281	0,001	0,011	0,041	FALSE
-0,195	0,273	-0,006	0,011	0,232	FALSE
-0,068	0,299	-0,001	0,009	0,050	FALSE
-0,124	0,288	-0,003	0,009	0,126	FALSE
-0,144	0,285	-0,008	0,011	0,314	FALSE
-0,063	0,284	-0,005	0,013	0,165	FALSE
-0,057	0,293	-0,002	0,007	0,092	FALSE
0,073	0,300	0,002	0,008	0,104	FALSE
-0,055	0,297	-0,002	0,009	0,064	FALSE
-0,012	0,287	-0,002	0,012	0,053	FALSE
-0,008	0,301	0,000	0,008	0,004	FALSE
-0,037	0,301	-0,001	0,007	0,053	FALSE
0,032	0,279	0,001	0,007	0,033	FALSE
-0,007	0,293	-0,001	0,008	0,024	FALSE
-0,058	0,296	-0,002	0,013	0,067	FALSE
-0,158	0,272	-0,003	0,007	0,216	FALSE
0,069	0,300	0,001	0,008	0,042	FALSE
-0,093	0,293	-0,004	0,010	0,138	FALSE
0,029	0,301	-0,001	0,012	0,020	FALSE
0,098	0,290	0,001	0,009	0,049	FALSE
0,110	0,287	0,003	0,009	0,122	FALSE
-0,035	0,286	-0,001	0,008	0,052	FALSE
0,035	0,293	0,000	0,007	0,024	FALSE
-0,034	0,285	-0,001	0,007	0,050	FALSE
-0,050	0,290	-0,001	0,008	0,058	FALSE
0,035	0,288	0,001	0,012	0,044	FALSE
0,022	0,299	0,001	0,007	0,077	FALSE
-0,020	0,287	0,000	0,007	0,007	FALSE
-0,012	0,299	0,001	0,008	0,025	FALSE
0,075	0,274	0,000	0,007	0,003	FALSE
-0,058	0,291	-0,001	0,011	0,042	FALSE
-0,017	0,285	0,000	0,010	0,009	FALSE
-0,025	0,289	0,001	0,011	0,022	FALSE
0,167	0,287	0,004	0,009	0,203	FALSE
0,097	0,277	0,002	0,006	0,152	FALSE

-0,108	0,289	-0,003	0,012	0,101	FALSE
-0,088	0,297	-0,003	0,011	0,103	FALSE
0,019	0,307	0,000	0,012	0,011	FALSE
0,037	0,269	0,002	0,006	0,156	FALSE
-0,061	0,284	-0,002	0,012	0,079	FALSE
0,026	0,284	0,002	0,007	0,101	FALSE
0,081	0,300	0,002	0,010	0,080	FALSE
0,044	0,288	0,001	0,012	0,045	FALSE
0,051	0,290	0,002	0,012	0,076	FALSE
-0,055	0,302	-0,002	0,011	0,083	FALSE
0,046	0,287	0,001	0,007	0,035	FALSE
0,020	0,286	0,002	0,006	0,105	FALSE
-0,083	0,291	-0,003	0,013	0,104	FALSE
0,054	0,286	0,001	0,009	0,051	FALSE
-0,022	0,292	-0,003	0,012	0,108	FALSE
-0,047	0,296	-0,001	0,012	0,026	FALSE
-0,078	0,294	-0,004	0,013	0,110	FALSE
-0,012	0,287	0,000	0,008	0,021	FALSE
-0,014	0,295	-0,001	0,012	0,018	FALSE
0,009	0,283	0,002	0,012	0,070	FALSE
-0,010	0,298	0,000	0,007	0,003	FALSE
-0,162	0,275	-0,005	0,008	0,272	FALSE
0,007	0,298	0,000	0,009	0,009	FALSE
-0,008	0,281	-0,001	0,009	0,038	FALSE
-0,017	0,282	0,000	0,008	0,014	FALSE
-0,133	0,279	-0,004	0,012	0,124	FALSE
-0,089	0,287	-0,003	0,013	0,094	FALSE
0,199	0,294	0,006	0,009	0,288	FALSE
0,225	0,277	0,009	0,013	0,313	FALSE
0,216	0,289	0,005	0,009	0,252	FALSE
0,006	0,309	0,000	0,013	0,013	FALSE
-0,050	0,290	-0,002	0,007	0,130	FALSE
0,043	0,287	0,002	0,007	0,090	FALSE
-0,102	0,290	-0,005	0,012	0,190	FALSE
-0,126	0,306	-0,004	0,011	0,160	FALSE
-0,070	0,294	-0,003	0,012	0,090	FALSE
-0,054	0,293	-0,003	0,012	0,091	FALSE
0,013	0,281	0,000	0,012	0,008	FALSE
0,012	0,299	0,001	0,008	0,056	FALSE
0,058	0,299	0,002	0,008	0,124	FALSE
0,020	0,295	0,000	0,011	0,003	FALSE
0,018	0,292	0,000	0,011	0,002	FALSE
-0,081	0,279	-0,002	0,008	0,128	FALSE
-0,089	0,286	-0,002	0,007	0,127	FALSE
-0,025	0,297	0,000	0,006	0,008	FALSE
-0,036	0,294	-0,003	0,009	0,120	FALSE
-0,073	0,302	-0,001	0,011	0,044	FALSE
-0,073	0,291	-0,001	0,011	0,031	FALSE
-0,071	0,280	-0,001	0,011	0,030	FALSE
-0,019	0,281	-0,001	0,012	0,028	FALSE
-0,001	0,274	0,000	0,013	0,001	FALSE
0,039	0,301	0,001	0,007	0,061	FALSE
0,078	0,279	0,003	0,010	0,104	FALSE

0,013	0,302	0,001	0,011	0,024	FALSE
0,039	0,278	0,003	0,011	0,092	FALSE
-0,106	0,303	-0,004	0,008	0,189	FALSE
0,075	0,276	0,004	0,008	0,218	FALSE
0,028	0,281	0,001	0,012	0,027	FALSE
0,063	0,292	0,003	0,007	0,185	FALSE
-0,078	0,279	-0,002	0,006	0,121	FALSE
-0,039	0,285	0,000	0,007	0,013	FALSE
-0,075	0,288	-0,004	0,012	0,111	FALSE
-0,020	0,290	-0,001	0,007	0,067	FALSE
0,118	0,287	0,004	0,013	0,128	FALSE
0,076	0,296	0,003	0,010	0,101	FALSE
-0,040	0,297	0,001	0,008	0,024	FALSE
-0,089	0,289	-0,003	0,011	0,117	FALSE
-0,020	0,289	0,000	0,010	0,013	FALSE
-0,139	0,285	-0,005	0,012	0,156	FALSE
-0,182	0,293	-0,007	0,010	0,317	FALSE
0,063	0,293	0,003	0,011	0,101	FALSE
0,017	0,284	0,003	0,011	0,092	FALSE
-0,046	0,279	-0,003	0,013	0,095	FALSE
0,050	0,283	0,004	0,011	0,143	FALSE
0,072	0,301	0,002	0,011	0,081	FALSE
-0,026	0,281	-0,002	0,011	0,071	FALSE
0,055	0,284	0,001	0,007	0,066	FALSE
0,049	0,279	0,001	0,007	0,078	FALSE
0,050	0,306	0,001	0,007	0,062	FALSE
-0,001	0,284	-0,001	0,008	0,057	FALSE
-0,041	0,291	-0,001	0,010	0,044	FALSE
0,046	0,293	0,001	0,012	0,034	FALSE
0,016	0,298	0,001	0,010	0,040	FALSE
-0,070	0,284	-0,001	0,011	0,049	FALSE
-0,037	0,290	-0,001	0,007	0,065	FALSE
0,055	0,294	0,003	0,013	0,077	FALSE
0,050	0,293	0,002	0,012	0,074	FALSE
0,009	0,294	-0,001	0,008	0,039	FALSE
0,112	0,284	0,002	0,009	0,112	FALSE
0,013	0,295	0,001	0,008	0,035	FALSE
-0,043	0,281	-0,002	0,010	0,064	FALSE
0,075	0,282	0,003	0,009	0,125	FALSE
0,030	0,288	0,002	0,013	0,054	FALSE
-0,087	0,292	-0,002	0,008	0,087	FALSE
0,030	0,287	0,000	0,007	0,011	FALSE
-0,102	0,294	-0,005	0,010	0,208	FALSE
-0,003	0,298	0,001	0,013	0,030	FALSE
0,024	0,278	0,003	0,013	0,080	FALSE
0,001	0,288	-0,002	0,012	0,048	FALSE
-0,004	0,309	-0,002	0,012	0,045	FALSE
0,180	0,287	0,006	0,011	0,260	FALSE
0,096	0,289	0,007	0,011	0,250	FALSE
0,110	0,285	0,008	0,012	0,304	FALSE
-0,001	0,304	-0,002	0,011	0,050	FALSE
0,065	0,298	0,001	0,013	0,017	FALSE
0,060	0,291	0,000	0,011	0,016	FALSE

0,074	0,300	0,001	0,011	0,044	FALSE
-0,052	0,280	0,000	0,012	0,014	FALSE
0,036	0,288	0,000	0,007	0,016	FALSE
-0,114	0,292	-0,002	0,007	0,120	FALSE
0,002	0,291	0,000	0,008	0,015	FALSE
-0,084	0,280	-0,003	0,008	0,185	FALSE
-0,115	0,304	-0,003	0,008	0,138	FALSE
-0,078	0,287	-0,001	0,009	0,029	FALSE
-0,121	0,291	-0,002	0,008	0,095	FALSE
-0,095	0,296	-0,002	0,011	0,078	FALSE
0,192	0,283	0,007	0,010	0,325	FALSE
0,076	0,281	0,002	0,006	0,108	FALSE
0,025	0,286	-0,001	0,012	0,039	FALSE
0,056	0,297	0,000	0,007	0,024	FALSE
-0,033	0,293	-0,001	0,010	0,032	FALSE
-0,117	0,299	-0,003	0,013	0,103	FALSE
0,011	0,289	0,001	0,010	0,045	FALSE
-0,178	0,281	-0,003	0,007	0,193	FALSE
0,090	0,295	0,000	0,006	0,026	FALSE
0,075	0,284	0,003	0,007	0,160	FALSE
-0,013	0,289	0,001	0,010	0,039	FALSE
0,023	0,292	0,001	0,010	0,019	FALSE
0,065	0,296	0,002	0,007	0,115	FALSE
0,251	0,280	0,008	0,011	0,337	FALSE
0,211	0,287	0,007	0,011	0,271	FALSE
-0,021	0,304	0,000	0,007	0,013	FALSE
-0,083	0,275	-0,001	0,009	0,053	FALSE
-0,037	0,301	0,000	0,008	0,019	FALSE
0,097	0,283	0,002	0,009	0,067	FALSE
-0,135	0,289	-0,003	0,009	0,119	FALSE
-0,153	0,290	-0,005	0,008	0,255	FALSE
0,231	0,270	0,009	0,011	0,345	FALSE
0,097	0,289	0,002	0,006	0,137	FALSE
0,065	0,286	0,001	0,013	0,042	FALSE
0,125	0,285	0,003	0,008	0,132	FALSE
0,035	0,287	0,000	0,007	0,001	FALSE
0,017	0,292	0,000	0,007	0,013	FALSE
-0,031	0,281	-0,001	0,007	0,045	FALSE
0,085	0,277	0,003	0,011	0,107	FALSE
-0,035	0,291	-0,001	0,007	0,082	FALSE
-0,009	0,300	0,000	0,010	0,007	FALSE
0,077	0,301	0,004	0,012	0,134	FALSE
0,002	0,282	-0,002	0,008	0,085	FALSE
-0,019	0,292	-0,002	0,013	0,059	FALSE
-0,012	0,282	-0,002	0,009	0,100	FALSE
0,001	0,291	-0,002	0,009	0,077	FALSE
0,002	0,300	0,001	0,008	0,045	FALSE
-0,105	0,284	-0,004	0,010	0,189	FALSE
0,126	0,305	0,005	0,011	0,172	FALSE
-0,065	0,277	-0,002	0,006	0,104	FALSE
-0,040	0,292	-0,001	0,007	0,051	FALSE
0,013	0,297	0,000	0,006	0,007	FALSE
-0,161	0,288	-0,003	0,007	0,158	FALSE

0,092	0,298	0,003	0,011	0,113	FALSE
0,027	0,299	0,000	0,008	0,020	FALSE
0,121	0,279	0,003	0,009	0,145	FALSE
-0,071	0,288	-0,001	0,009	0,036	FALSE
0,132	0,290	0,004	0,009	0,213	FALSE
-0,159	0,269	-0,003	0,007	0,155	FALSE
-0,064	0,290	-0,002	0,008	0,090	FALSE
-0,015	0,288	-0,001	0,006	0,036	FALSE
-0,080	0,293	-0,003	0,009	0,128	FALSE
0,093	0,299	0,003	0,013	0,083	FALSE
0,011	0,300	0,000	0,013	0,001	FALSE
0,022	0,284	0,001	0,009	0,043	FALSE
-0,154	0,292	-0,005	0,013	0,180	FALSE
-0,125	0,299	-0,004	0,009	0,169	FALSE
-0,133	0,289	-0,004	0,009	0,182	FALSE
0,044	0,306	0,001	0,013	0,037	FALSE
0,047	0,296	0,002	0,013	0,047	FALSE
0,053	0,305	0,001	0,013	0,035	FALSE
-0,093	0,296	-0,004	0,013	0,123	FALSE
0,039	0,297	0,002	0,013	0,054	FALSE
0,036	0,310	0,001	0,008	0,040	FALSE
-0,038	0,288	-0,001	0,011	0,034	FALSE
0,074	0,290	0,002	0,011	0,079	FALSE
0,013	0,292	0,003	0,013	0,077	FALSE
-0,071	0,298	-0,005	0,013	0,161	FALSE
0,145	0,281	0,004	0,008	0,200	FALSE
0,008	0,289	0,001	0,013	0,024	FALSE
-0,001	0,292	0,001	0,014	0,028	FALSE
-0,014	0,288	0,001	0,012	0,014	FALSE
0,039	0,288	0,001	0,012	0,032	FALSE
-0,052	0,288	-0,001	0,007	0,031	FALSE
0,076	0,285	0,004	0,011	0,151	FALSE
-0,013	0,304	-0,001	0,010	0,034	FALSE
-0,114	0,277	-0,002	0,008	0,108	FALSE
0,030	0,301	0,001	0,008	0,036	FALSE
0,051	0,288	0,002	0,010	0,061	FALSE
0,012	0,297	-0,001	0,009	0,041	FALSE
0,076	0,298	0,002	0,008	0,104	FALSE
0,061	0,277	0,001	0,007	0,055	FALSE
-0,026	0,286	-0,001	0,007	0,079	FALSE
-0,067	0,282	-0,002	0,008	0,075	FALSE
-0,212	0,274	-0,007	0,010	0,335	FALSE
0,121	0,274	0,003	0,010	0,100	FALSE
-0,060	0,266	-0,003	0,012	0,100	FALSE
0,013	0,276	0,000	0,011	0,013	FALSE
-0,165	0,282	-0,007	0,012	0,255	FALSE
0,040	0,284	0,001	0,007	0,034	FALSE
-0,044	0,281	-0,003	0,013	0,074	FALSE
0,150	0,293	0,003	0,006	0,226	FALSE
-0,044	0,276	-0,001	0,007	0,050	FALSE
-0,082	0,284	-0,002	0,007	0,097	FALSE
-0,006	0,287	-0,001	0,009	0,051	FALSE
-0,043	0,284	0,000	0,008	0,009	FALSE

-0,018	0,289	0,001	0,011	0,033	FALSE
-0,158	0,289	-0,004	0,007	0,221	FALSE
-0,095	0,292	-0,003	0,013	0,098	FALSE
0,190	0,287	0,006	0,010	0,251	FALSE
0,032	0,280	0,002	0,009	0,069	FALSE
-0,133	0,276	-0,006	0,012	0,194	FALSE
-0,123	0,275	-0,003	0,007	0,150	FALSE
-0,178	0,280	-0,004	0,007	0,254	FALSE
-0,131	0,282	-0,003	0,007	0,194	FALSE
0,096	0,274	0,002	0,007	0,111	FALSE
-0,019	0,286	0,000	0,008	0,015	FALSE
0,072	0,284	0,003	0,013	0,107	FALSE
-0,081	0,298	-0,003	0,008	0,130	FALSE
0,023	0,294	0,003	0,011	0,102	FALSE
0,001	0,301	0,000	0,011	0,009	FALSE
0,007	0,292	0,000	0,011	0,002	FALSE
0,038	0,295	0,000	0,010	0,008	FALSE
-0,066	0,287	-0,001	0,013	0,027	FALSE
0,068	0,284	0,001	0,012	0,034	FALSE
-0,171	0,278	-0,006	0,010	0,256	FALSE
-0,120	0,288	-0,004	0,009	0,179	FALSE
-0,012	0,284	0,000	0,011	0,001	FALSE
-0,040	0,302	-0,002	0,011	0,059	FALSE
0,066	0,286	0,002	0,009	0,067	FALSE
-0,157	0,293	-0,004	0,007	0,200	FALSE
-0,001	0,289	-0,001	0,013	0,024	FALSE
0,029	0,284	-0,001	0,009	0,045	FALSE
-0,059	0,295	-0,002	0,007	0,099	FALSE
-0,030	0,302	-0,001	0,013	0,025	FALSE
-0,148	0,292	-0,006	0,011	0,250	FALSE
0,128	0,304	0,002	0,008	0,119	FALSE
0,123	0,283	0,004	0,012	0,121	FALSE
0,132	0,284	0,005	0,013	0,165	FALSE
0,097	0,302	0,002	0,008	0,090	FALSE
0,165	0,273	0,004	0,007	0,279	FALSE
0,118	0,280	0,006	0,011	0,220	FALSE
0,066	0,284	0,003	0,011	0,126	FALSE
-0,098	0,273	-0,002	0,007	0,094	FALSE
0,109	0,278	0,003	0,007	0,138	FALSE
0,036	0,287	0,001	0,006	0,031	FALSE
-0,019	0,288	-0,001	0,011	0,025	FALSE
-0,024	0,289	0,002	0,012	0,072	FALSE
0,194	0,289	0,006	0,008	0,340	FALSE
-0,157	0,281	-0,004	0,008	0,190	FALSE
-0,013	0,281	0,001	0,012	0,030	FALSE
0,096	0,281	0,005	0,012	0,161	FALSE
0,081	0,280	0,002	0,008	0,117	FALSE
-0,030	0,289	-0,002	0,010	0,060	FALSE
-0,130	0,278	-0,002	0,007	0,130	FALSE
-0,073	0,284	-0,003	0,013	0,098	FALSE
-0,155	0,277	-0,004	0,007	0,238	FALSE
0,074	0,295	0,002	0,006	0,105	FALSE
0,004	0,291	0,000	0,012	0,003	FALSE

0,056	0,272	0,002	0,009	0,077	FALSE
0,043	0,292	0,000	0,008	0,014	FALSE
0,021	0,284	-0,001	0,008	0,061	FALSE
-0,089	0,291	-0,002	0,007	0,112	FALSE
0,088	0,299	0,003	0,007	0,139	FALSE
-0,051	0,291	-0,005	0,012	0,160	FALSE
-0,011	0,290	-0,003	0,012	0,112	FALSE
-0,005	0,284	-0,003	0,011	0,107	FALSE
-0,020	0,305	-0,001	0,012	0,029	FALSE
-0,025	0,298	0,000	0,012	0,012	FALSE
-0,030	0,296	0,000	0,009	0,015	FALSE
-0,008	0,280	0,001	0,010	0,045	FALSE
0,023	0,300	0,001	0,012	0,029	FALSE
-0,106	0,283	-0,002	0,007	0,117	FALSE
0,024	0,295	0,000	0,010	0,017	FALSE
-0,005	0,286	0,001	0,009	0,021	FALSE
-0,004	0,288	0,000	0,008	0,017	FALSE
-0,118	0,288	-0,003	0,010	0,135	FALSE
0,071	0,273	0,000	0,010	0,006	FALSE
0,069	0,288	0,003	0,008	0,132	FALSE
0,045	0,270	0,001	0,008	0,033	FALSE
0,079	0,285	0,005	0,011	0,167	FALSE
0,100	0,290	0,002	0,007	0,119	FALSE
0,038	0,287	0,000	0,013	0,011	FALSE
-0,026	0,299	0,000	0,009	0,016	FALSE
0,104	0,285	0,003	0,007	0,170	FALSE
-0,085	0,281	-0,002	0,008	0,081	FALSE
-0,044	0,295	-0,001	0,009	0,031	FALSE
0,033	0,292	0,001	0,010	0,031	FALSE
0,079	0,290	0,003	0,011	0,110	FALSE
-0,137	0,278	-0,003	0,008	0,163	FALSE
-0,125	0,267	-0,002	0,007	0,122	FALSE
0,150	0,280	0,007	0,012	0,224	FALSE
0,100	0,282	0,004	0,011	0,143	FALSE
0,072	0,283	0,002	0,007	0,105	FALSE
-0,005	0,281	0,001	0,010	0,023	FALSE
0,048	0,294	0,001	0,012	0,043	FALSE
0,060	0,287	0,001	0,007	0,062	FALSE
0,090	0,289	0,002	0,009	0,102	FALSE
0,019	0,289	-0,001	0,008	0,024	FALSE
-0,151	0,277	-0,004	0,006	0,260	FALSE
0,164	0,282	0,008	0,012	0,286	FALSE
0,146	0,290	0,007	0,013	0,236	FALSE
0,021	0,280	0,001	0,006	0,035	FALSE
-0,132	0,292	-0,004	0,010	0,157	FALSE
0,117	0,291	0,004	0,013	0,113	FALSE
-0,164	0,283	-0,004	0,010	0,155	FALSE
0,086	0,285	0,003	0,011	0,086	FALSE
0,078	0,298	0,004	0,014	0,107	FALSE
0,098	0,287	0,004	0,013	0,122	FALSE
-0,166	0,288	-0,004	0,010	0,172	FALSE
-0,258	0,276	-0,007	0,009	0,371	FALSE
-0,043	0,274	0,000	0,012	0,011	FALSE

-0,015	0,279	0,001	0,008	0,035	FALSE
-0,019	0,291	0,000	0,012	0,014	FALSE
-0,065	0,296	-0,004	0,011	0,139	FALSE
-0,033	0,284	0,000	0,008	0,019	FALSE
0,028	0,302	0,001	0,009	0,024	FALSE
0,027	0,284	0,000	0,009	0,002	FALSE
0,003	0,273	-0,002	0,011	0,053	FALSE
-0,060	0,274	-0,001	0,007	0,028	FALSE
0,035	0,292	0,003	0,011	0,087	FALSE
0,089	0,284	0,006	0,012	0,214	FALSE
-0,004	0,290	0,000	0,011	0,009	FALSE
0,005	0,295	0,000	0,011	0,012	FALSE
-0,008	0,280	0,000	0,012	0,002	FALSE
0,003	0,297	0,000	0,008	0,020	FALSE
-0,051	0,297	-0,001	0,007	0,049	FALSE
0,143	0,303	0,002	0,008	0,112	FALSE
0,208	0,289	0,005	0,007	0,299	FALSE
-0,019	0,282	-0,001	0,007	0,061	FALSE
0,102	0,281	0,001	0,011	0,048	FALSE
-0,010	0,286	0,000	0,007	0,010	FALSE
-0,145	0,299	-0,003	0,008	0,137	FALSE
-0,132	0,296	-0,002	0,007	0,110	FALSE
-0,046	0,283	-0,002	0,008	0,109	FALSE
-0,169	0,287	-0,005	0,008	0,280	FALSE
-0,035	0,289	-0,001	0,008	0,060	FALSE
-0,069	0,280	-0,003	0,013	0,082	FALSE
-0,021	0,296	-0,001	0,007	0,049	FALSE
0,053	0,292	0,003	0,012	0,086	FALSE
0,043	0,304	0,003	0,010	0,095	FALSE
0,065	0,295	0,003	0,010	0,131	FALSE
-0,004	0,286	0,002	0,009	0,083	FALSE
-0,037	0,290	0,000	0,011	0,011	FALSE
0,064	0,281	0,001	0,006	0,065	FALSE
0,003	0,286	-0,001	0,009	0,026	FALSE
-0,070	0,294	-0,002	0,008	0,077	FALSE
-0,020	0,293	0,001	0,011	0,024	FALSE
0,036	0,290	0,001	0,008	0,060	FALSE
-0,053	0,289	0,000	0,008	0,004	FALSE
-0,028	0,281	-0,001	0,012	0,032	FALSE
0,101	0,297	0,003	0,012	0,083	FALSE
0,090	0,300	0,004	0,013	0,113	FALSE
0,106	0,297	0,002	0,009	0,079	FALSE
0,195	0,286	0,005	0,009	0,213	FALSE
0,014	0,279	0,002	0,009	0,060	FALSE
0,120	0,301	0,001	0,007	0,053	FALSE
0,150	0,292	0,004	0,007	0,276	FALSE
-0,055	0,277	-0,001	0,008	0,022	FALSE
-0,113	0,289	-0,006	0,013	0,185	FALSE
0,019	0,279	0,002	0,011	0,069	FALSE
0,009	0,301	0,001	0,007	0,054	FALSE
0,081	0,299	0,004	0,011	0,131	FALSE
0,078	0,298	0,004	0,011	0,140	FALSE
0,046	0,295	0,001	0,010	0,047	FALSE

-0,077	0,293	-0,002	0,010	0,089	FALSE
0,000	0,284	0,000	0,012	0,013	FALSE
-0,083	0,295	-0,003	0,013	0,094	FALSE
0,120	0,299	0,006	0,012	0,206	FALSE
-0,167	0,292	-0,005	0,010	0,243	FALSE
0,131	0,276	0,006	0,010	0,247	FALSE
0,100	0,288	0,002	0,010	0,095	FALSE
-0,044	0,285	0,000	0,007	0,003	FALSE
-0,216	0,274	-0,009	0,011	0,365	FALSE
0,032	0,287	0,001	0,012	0,027	FALSE
-0,083	0,283	-0,003	0,008	0,130	FALSE
0,085	0,289	0,004	0,011	0,161	FALSE
0,089	0,286	0,002	0,008	0,116	FALSE
0,012	0,291	0,001	0,011	0,026	FALSE
0,118	0,292	0,004	0,013	0,128	FALSE
-0,037	0,297	-0,002	0,007	0,086	FALSE
0,058	0,287	0,005	0,012	0,186	FALSE
0,209	0,277	0,007	0,012	0,269	FALSE
-0,138	0,290	-0,004	0,013	0,113	FALSE
0,041	0,289	0,003	0,010	0,116	FALSE
-0,085	0,291	-0,001	0,007	0,080	FALSE
-0,005	0,302	0,000	0,012	0,006	FALSE
0,080	0,289	0,002	0,009	0,073	FALSE
-0,039	0,292	-0,002	0,013	0,050	FALSE
-0,171	0,289	-0,006	0,012	0,208	FALSE
-0,014	0,297	0,001	0,012	0,029	FALSE
0,161	0,285	0,005	0,009	0,219	FALSE
-0,100	0,288	-0,002	0,007	0,096	FALSE
0,083	0,279	0,003	0,007	0,175	FALSE
0,079	0,293	0,003	0,008	0,157	FALSE
0,033	0,283	0,001	0,010	0,045	FALSE
0,081	0,279	0,000	0,013	0,010	FALSE
-0,001	0,304	0,000	0,013	0,003	FALSE
0,031	0,298	0,000	0,007	0,020	FALSE
0,045	0,290	0,002	0,009	0,072	FALSE
-0,061	0,307	-0,001	0,012	0,030	FALSE
0,038	0,292	0,001	0,007	0,063	FALSE
0,058	0,282	0,003	0,012	0,090	FALSE
-0,046	0,301	-0,002	0,012	0,047	FALSE
0,085	0,293	0,001	0,007	0,075	FALSE
0,009	0,290	0,001	0,008	0,036	FALSE
-0,170	0,291	-0,007	0,012	0,253	FALSE
0,104	0,283	0,004	0,008	0,197	FALSE
0,165	0,274	0,008	0,012	0,270	FALSE
-0,008	0,277	0,002	0,012	0,065	FALSE
0,083	0,291	0,003	0,009	0,103	FALSE
-0,070	0,289	-0,002	0,007	0,118	FALSE
0,062	0,297	0,001	0,009	0,058	FALSE
-0,032	0,283	-0,001	0,008	0,031	FALSE
-0,091	0,291	-0,004	0,013	0,109	FALSE
0,084	0,290	0,002	0,008	0,121	FALSE
0,117	0,287	0,005	0,012	0,175	FALSE
0,094	0,282	0,004	0,012	0,134	FALSE

0,017	0,303	0,001	0,012	0,016	FALSE
0,021	0,288	0,001	0,011	0,020	FALSE
-0,035	0,296	-0,002	0,013	0,069	FALSE
0,018	0,288	0,002	0,011	0,052	FALSE
0,046	0,301	0,002	0,011	0,079	FALSE
0,007	0,276	0,001	0,009	0,054	FALSE
-0,005	0,289	-0,002	0,011	0,077	FALSE
-0,023	0,287	-0,002	0,011	0,061	FALSE
-0,007	0,291	-0,002	0,010	0,054	FALSE
-0,069	0,280	-0,002	0,010	0,077	FALSE
-0,031	0,288	-0,001	0,007	0,056	FALSE
-0,054	0,291	-0,001	0,007	0,068	FALSE
0,013	0,279	0,002	0,009	0,078	FALSE
-0,054	0,290	-0,001	0,007	0,055	FALSE
0,075	0,293	0,002	0,009	0,076	FALSE
0,066	0,295	0,002	0,011	0,048	FALSE
0,046	0,275	0,000	0,008	0,000	FALSE
0,074	0,281	0,001	0,011	0,036	FALSE
0,033	0,288	0,001	0,006	0,052	FALSE
-0,066	0,279	-0,004	0,010	0,169	FALSE
0,025	0,280	0,001	0,011	0,029	FALSE
-0,090	0,273	-0,002	0,008	0,095	FALSE
-0,091	0,292	-0,002	0,008	0,087	FALSE
-0,077	0,276	-0,002	0,008	0,081	FALSE
-0,005	0,290	-0,002	0,009	0,090	FALSE
-0,051	0,292	0,000	0,012	0,006	FALSE
-0,025	0,283	-0,001	0,010	0,042	FALSE
0,054	0,291	0,002	0,012	0,059	FALSE
0,027	0,301	0,001	0,013	0,018	FALSE
-0,012	0,289	0,000	0,011	0,007	FALSE
0,061	0,290	0,001	0,006	0,076	FALSE
-0,050	0,283	-0,001	0,007	0,052	FALSE
-0,126	0,282	-0,003	0,008	0,155	FALSE
-0,037	0,293	-0,001	0,007	0,042	FALSE
-0,150	0,277	-0,005	0,010	0,225	FALSE
0,136	0,287	0,002	0,006	0,148	FALSE
0,042	0,287	0,000	0,007	0,018	FALSE
0,050	0,298	0,001	0,008	0,023	FALSE
0,024	0,290	0,002	0,009	0,062	FALSE
0,030	0,291	0,001	0,010	0,035	FALSE
0,111	0,290	0,005	0,013	0,168	FALSE
-0,018	0,296	-0,002	0,011	0,072	FALSE
0,000	0,305	-0,001	0,009	0,023	FALSE
-0,123	0,277	-0,004	0,009	0,202	FALSE
-0,151	0,282	-0,003	0,012	0,106	FALSE
-0,192	0,280	-0,005	0,011	0,198	FALSE
-0,007	0,301	0,001	0,009	0,030	FALSE
-0,188	0,282	-0,005	0,011	0,204	FALSE
-0,036	0,279	-0,001	0,010	0,019	FALSE
0,016	0,287	0,001	0,010	0,039	FALSE
-0,083	0,297	-0,002	0,011	0,066	FALSE
-0,045	0,278	-0,001	0,008	0,050	FALSE
-0,013	0,296	-0,001	0,008	0,052	FALSE

-0,007	0,286	-0,001	0,007	0,032	FALSE
0,064	0,283	0,004	0,010	0,174	FALSE
0,015	0,287	0,003	0,011	0,098	FALSE
-0,042	0,291	-0,002	0,013	0,057	FALSE
0,001	0,279	-0,001	0,012	0,035	FALSE
-0,026	0,271	-0,001	0,007	0,043	FALSE
0,069	0,297	0,001	0,013	0,042	FALSE
-0,041	0,302	-0,001	0,013	0,030	FALSE
-0,014	0,282	0,000	0,009	0,005	FALSE
0,014	0,296	0,000	0,009	0,012	FALSE
-0,068	0,294	-0,002	0,009	0,107	FALSE
-0,116	0,281	-0,004	0,011	0,163	FALSE
0,070	0,288	0,002	0,008	0,072	FALSE
-0,058	0,277	-0,001	0,012	0,029	FALSE
-0,019	0,286	-0,003	0,010	0,097	FALSE
0,083	0,285	0,003	0,012	0,101	FALSE
-0,040	0,299	-0,001	0,009	0,023	FALSE
0,061	0,299	0,002	0,012	0,074	FALSE
-0,066	0,303	-0,002	0,009	0,091	FALSE
0,099	0,289	0,002	0,007	0,123	FALSE
0,238	0,276	0,007	0,011	0,287	FALSE
0,087	0,288	0,001	0,006	0,041	FALSE
0,064	0,288	0,000	0,006	0,019	FALSE
0,059	0,293	0,000	0,007	0,010	FALSE
0,104	0,278	0,004	0,010	0,175	FALSE
-0,175	0,289	-0,004	0,007	0,229	FALSE
0,048	0,278	0,000	0,007	0,002	FALSE
0,053	0,286	0,002	0,008	0,089	FALSE
0,039	0,294	0,003	0,009	0,109	FALSE
0,137	0,299	0,003	0,009	0,128	FALSE
-0,030	0,288	-0,002	0,013	0,053	FALSE
-0,092	0,292	-0,003	0,007	0,156	FALSE
-0,008	0,297	0,000	0,011	0,009	FALSE
0,007	0,290	0,002	0,009	0,084	FALSE
-0,026	0,305	0,000	0,008	0,014	FALSE
-0,132	0,289	-0,003	0,007	0,142	FALSE
0,036	0,298	0,002	0,013	0,068	FALSE
0,001	0,296	0,000	0,013	0,010	FALSE
0,106	0,303	0,005	0,013	0,150	FALSE
0,070	0,292	0,003	0,013	0,092	FALSE
0,215	0,276	0,004	0,007	0,243	FALSE
0,004	0,287	0,000	0,006	0,011	FALSE
0,115	0,288	0,004	0,011	0,133	FALSE
0,141	0,292	0,004	0,011	0,151	FALSE
0,112	0,299	0,003	0,007	0,166	FALSE
-0,157	0,289	-0,005	0,011	0,172	FALSE
0,102	0,287	0,002	0,006	0,118	FALSE
-0,107	0,285	-0,003	0,011	0,095	FALSE
0,056	0,284	0,001	0,008	0,043	FALSE
0,052	0,292	0,002	0,013	0,049	FALSE
-0,089	0,280	-0,002	0,008	0,082	FALSE
0,022	0,285	-0,001	0,012	0,041	FALSE
0,034	0,282	0,000	0,011	0,013	FALSE

0,171	0,287	0,006	0,012	0,225	FALSE
0,223	0,266	0,008	0,012	0,321	FALSE
0,148	0,274	0,004	0,012	0,147	FALSE
0,068	0,300	0,001	0,006	0,081	FALSE
0,000	0,301	0,001	0,013	0,029	FALSE
0,103	0,283	0,002	0,012	0,048	FALSE
-0,132	0,302	-0,004	0,010	0,150	FALSE
0,131	0,284	0,003	0,012	0,090	FALSE
0,124	0,294	0,003	0,012	0,080	FALSE
0,102	0,288	0,003	0,011	0,093	FALSE
-0,039	0,285	0,000	0,011	0,013	FALSE
0,146	0,281	0,006	0,013	0,204	FALSE
0,012	0,278	0,001	0,009	0,061	FALSE
0,120	0,276	0,004	0,010	0,170	FALSE
0,016	0,293	0,000	0,008	0,003	FALSE
0,091	0,288	0,002	0,011	0,071	FALSE
-0,054	0,302	-0,001	0,008	0,059	FALSE
0,084	0,300	0,002	0,012	0,058	FALSE
0,070	0,283	0,002	0,011	0,052	FALSE
0,063	0,296	0,002	0,009	0,083	FALSE
-0,037	0,289	0,000	0,009	0,010	FALSE
-0,026	0,283	0,000	0,009	0,007	FALSE
0,006	0,297	0,001	0,011	0,029	FALSE
-0,125	0,291	-0,002	0,007	0,151	FALSE
-0,005	0,293	-0,001	0,012	0,037	FALSE
-0,056	0,295	0,000	0,010	0,004	FALSE
-0,043	0,288	-0,001	0,006	0,061	FALSE
-0,072	0,279	-0,002	0,007	0,133	FALSE
0,001	0,290	-0,002	0,007	0,086	FALSE
-0,043	0,297	-0,001	0,006	0,031	FALSE
-0,024	0,295	0,000	0,008	0,009	FALSE
0,019	0,297	0,001	0,007	0,045	FALSE
0,016	0,282	0,001	0,011	0,031	FALSE
0,025	0,296	0,000	0,007	0,007	FALSE
-0,068	0,282	-0,001	0,010	0,030	FALSE
-0,015	0,291	-0,001	0,008	0,025	FALSE
0,009	0,289	0,000	0,008	0,008	FALSE
-0,005	0,288	0,000	0,011	0,009	FALSE
0,130	0,294	0,004	0,011	0,133	FALSE
0,056	0,296	0,002	0,012	0,056	FALSE
-0,034	0,285	-0,001	0,008	0,060	FALSE
-0,013	0,285	-0,002	0,009	0,068	FALSE
0,035	0,289	0,004	0,010	0,155	FALSE
0,005	0,284	-0,002	0,010	0,059	FALSE
0,040	0,292	0,004	0,010	0,151	FALSE
-0,064	0,287	-0,002	0,010	0,062	FALSE
0,173	0,271	0,006	0,007	0,386	FALSE
0,000	0,291	-0,001	0,008	0,029	FALSE
0,019	0,301	-0,001	0,008	0,049	FALSE
-0,065	0,289	-0,001	0,007	0,065	FALSE
0,033	0,290	0,001	0,008	0,065	FALSE
-0,117	0,284	-0,005	0,011	0,204	FALSE
-0,160	0,296	-0,003	0,007	0,188	FALSE

0,062	0,290	0,001	0,010	0,046	FALSE
0,032	0,276	0,004	0,013	0,107	FALSE
0,082	0,291	0,002	0,013	0,059	FALSE
-0,054	0,281	-0,001	0,008	0,041	FALSE
-0,034	0,283	-0,003	0,009	0,130	FALSE
0,052	0,281	0,002	0,007	0,108	FALSE
0,035	0,279	0,001	0,007	0,033	FALSE
-0,110	0,290	-0,003	0,009	0,146	FALSE
-0,116	0,287	-0,003	0,007	0,172	FALSE
0,000	0,304	0,000	0,009	0,005	FALSE
0,038	0,274	0,002	0,013	0,047	FALSE
0,106	0,295	0,001	0,007	0,073	FALSE
-0,116	0,280	-0,004	0,008	0,209	FALSE
0,158	0,262	0,004	0,012	0,142	FALSE
0,030	0,281	0,002	0,012	0,069	FALSE
-0,125	0,295	-0,007	0,013	0,248	FALSE
0,049	0,291	0,001	0,009	0,055	FALSE
-0,100	0,277	-0,004	0,011	0,169	FALSE
-0,115	0,283	-0,002	0,011	0,071	FALSE
0,023	0,276	0,002	0,006	0,110	FALSE
0,146	0,276	0,005	0,012	0,167	FALSE
0,002	0,295	0,001	0,008	0,036	FALSE
0,135	0,283	0,004	0,008	0,178	FALSE
0,067	0,295	0,001	0,008	0,070	FALSE
-0,012	0,290	0,000	0,008	0,009	FALSE
0,035	0,294	0,002	0,012	0,065	FALSE
0,057	0,302	0,001	0,009	0,045	FALSE
-0,106	0,283	-0,004	0,009	0,197	FALSE
0,018	0,290	0,001	0,007	0,048	FALSE
-0,002	0,285	0,000	0,010	0,016	FALSE
0,064	0,288	0,002	0,011	0,071	FALSE
0,068	0,297	0,002	0,007	0,116	FALSE
-0,021	0,280	0,000	0,010	0,010	FALSE
-0,151	0,277	-0,004	0,008	0,219	FALSE
-0,067	0,278	-0,003	0,008	0,131	FALSE
0,017	0,299	0,001	0,007	0,038	FALSE
-0,268	0,284	-0,006	0,008	0,372	FALSE
0,037	0,288	0,001	0,006	0,041	FALSE
-0,022	0,277	0,001	0,009	0,021	FALSE
0,159	0,291	0,003	0,009	0,153	FALSE
0,027	0,290	0,000	0,008	0,013	FALSE
0,069	0,281	0,003	0,011	0,094	FALSE
-0,093	0,309	-0,002	0,011	0,081	FALSE
0,005	0,305	0,000	0,008	0,001	FALSE
-0,058	0,286	-0,003	0,012	0,115	FALSE
0,001	0,293	-0,002	0,008	0,074	FALSE
0,016	0,287	-0,001	0,008	0,038	FALSE
0,092	0,286	0,002	0,009	0,106	FALSE
-0,099	0,284	-0,001	0,006	0,074	FALSE
-0,034	0,293	0,000	0,008	0,013	FALSE
-0,026	0,294	-0,002	0,012	0,049	FALSE
0,008	0,290	0,001	0,009	0,046	FALSE
-0,055	0,282	-0,002	0,012	0,075	FALSE

-0,089	0,291	-0,006	0,011	0,222	FALSE
0,118	0,274	0,005	0,011	0,179	FALSE
0,001	0,290	0,000	0,009	0,003	FALSE
-0,007	0,292	-0,003	0,011	0,086	FALSE
-0,077	0,301	-0,003	0,007	0,166	FALSE
-0,066	0,288	-0,003	0,006	0,188	FALSE
-0,061	0,276	-0,001	0,008	0,035	FALSE
0,041	0,292	0,002	0,007	0,139	FALSE
-0,007	0,282	0,000	0,011	0,012	FALSE
-0,048	0,284	0,000	0,007	0,010	FALSE
-0,192	0,283	-0,006	0,009	0,313	FALSE
-0,043	0,282	-0,002	0,009	0,066	FALSE
-0,207	0,277	-0,005	0,009	0,243	FALSE
-0,129	0,280	-0,006	0,012	0,203	FALSE
-0,007	0,293	0,000	0,010	0,008	FALSE
-0,087	0,296	-0,002	0,010	0,079	FALSE
-0,100	0,293	-0,003	0,009	0,143	FALSE
-0,082	0,286	-0,003	0,008	0,146	FALSE
0,033	0,277	0,002	0,013	0,045	FALSE
-0,123	0,287	-0,006	0,012	0,198	FALSE
0,186	0,284	0,005	0,008	0,267	FALSE
0,138	0,293	0,005	0,009	0,229	FALSE
-0,045	0,293	-0,002	0,013	0,072	FALSE
-0,009	0,299	0,000	0,011	0,012	FALSE
-0,023	0,287	-0,001	0,007	0,039	FALSE
0,130	0,289	0,002	0,006	0,126	FALSE
0,029	0,278	0,002	0,007	0,097	FALSE
0,021	0,296	0,001	0,007	0,027	FALSE
0,031	0,289	0,000	0,010	0,004	FALSE
0,062	0,287	0,002	0,012	0,067	FALSE
0,079	0,290	0,003	0,008	0,131	FALSE
-0,093	0,283	-0,005	0,011	0,181	FALSE
-0,045	0,295	-0,004	0,012	0,119	FALSE
0,016	0,291	0,000	0,006	0,014	FALSE
-0,043	0,286	-0,002	0,011	0,077	FALSE
0,079	0,275	0,003	0,008	0,183	FALSE
-0,037	0,282	-0,002	0,010	0,085	FALSE
0,093	0,283	0,003	0,008	0,159	FALSE
-0,025	0,290	-0,001	0,006	0,036	FALSE
-0,041	0,301	-0,002	0,009	0,064	FALSE
-0,045	0,299	-0,002	0,009	0,077	FALSE
-0,084	0,298	-0,002	0,010	0,083	FALSE
0,204	0,282	0,008	0,012	0,286	FALSE
0,104	0,291	0,002	0,011	0,085	FALSE
0,065	0,300	0,004	0,010	0,142	FALSE
-0,125	0,284	-0,003	0,007	0,180	FALSE
0,015	0,284	-0,001	0,007	0,060	FALSE
-0,020	0,296	-0,002	0,009	0,060	FALSE
-0,111	0,296	-0,004	0,010	0,192	FALSE
-0,237	0,271	-0,005	0,007	0,332	FALSE
0,041	0,303	0,000	0,007	0,006	FALSE
0,125	0,287	0,004	0,012	0,119	FALSE
0,081	0,294	0,002	0,013	0,060	FALSE

0,023	0,297	0,001	0,007	0,040	FALSE
0,076	0,291	0,002	0,009	0,094	FALSE
-0,021	0,295	0,000	0,009	0,015	FALSE
-0,104	0,265	-0,003	0,006	0,176	FALSE
0,061	0,298	0,004	0,013	0,113	FALSE
0,084	0,290	0,003	0,011	0,106	FALSE
-0,097	0,284	-0,002	0,012	0,067	FALSE
-0,015	0,287	0,000	0,008	0,012	FALSE
-0,107	0,288	-0,003	0,007	0,183	FALSE
0,106	0,291	0,001	0,007	0,068	FALSE
0,176	0,293	0,004	0,009	0,205	FALSE
0,085	0,289	0,005	0,012	0,189	FALSE
0,093	0,275	0,004	0,006	0,252	FALSE
-0,090	0,300	-0,005	0,013	0,152	FALSE
-0,088	0,290	-0,002	0,011	0,084	FALSE
-0,036	0,296	-0,003	0,010	0,109	FALSE
-0,205	0,281	-0,004	0,008	0,239	FALSE
-0,002	0,291	0,000	0,008	0,013	FALSE
-0,095	0,275	-0,001	0,012	0,029	FALSE
-0,079	0,284	-0,001	0,010	0,022	FALSE
-0,046	0,293	-0,002	0,007	0,111	FALSE
0,006	0,281	-0,001	0,008	0,057	FALSE
0,105	0,286	0,003	0,008	0,159	FALSE
0,125	0,285	0,003	0,008	0,191	FALSE
0,199	0,278	0,005	0,008	0,255	FALSE
0,092	0,290	0,002	0,007	0,096	FALSE
-0,099	0,291	-0,003	0,008	0,138	FALSE
0,156	0,294	0,003	0,008	0,168	FALSE
-0,012	0,285	0,000	0,006	0,020	FALSE
0,035	0,283	0,003	0,012	0,097	FALSE
0,015	0,290	0,003	0,012	0,082	FALSE
0,081	0,299	0,004	0,012	0,140	FALSE
0,057	0,289	0,001	0,009	0,058	FALSE
0,138	0,291	0,003	0,007	0,224	FALSE
-0,040	0,286	-0,001	0,010	0,023	FALSE
-0,014	0,295	0,000	0,009	0,005	FALSE
-0,110	0,300	-0,003	0,011	0,126	FALSE
-0,170	0,281	-0,004	0,007	0,257	FALSE
-0,102	0,288	-0,003	0,012	0,107	FALSE
0,081	0,282	0,004	0,013	0,116	FALSE
0,146	0,281	0,005	0,012	0,161	FALSE
-0,007	0,289	-0,001	0,009	0,020	FALSE
0,072	0,297	0,002	0,009	0,100	FALSE
0,034	0,290	0,001	0,007	0,031	FALSE
-0,033	0,294	-0,002	0,012	0,050	FALSE
-0,033	0,282	-0,002	0,010	0,084	FALSE
0,073	0,291	0,004	0,013	0,118	FALSE
-0,085	0,280	-0,005	0,012	0,158	FALSE
-0,066	0,300	-0,001	0,006	0,068	FALSE
-0,057	0,291	-0,004	0,011	0,120	FALSE
-0,080	0,302	-0,002	0,012	0,075	FALSE
-0,052	0,285	0,000	0,009	0,008	FALSE
0,066	0,286	0,003	0,011	0,093	FALSE

0,076	0,295	0,001	0,011	0,032	FALSE
0,155	0,302	0,002	0,007	0,109	FALSE
0,247	0,285	0,005	0,008	0,304	FALSE
-0,065	0,301	-0,004	0,008	0,172	FALSE
-0,051	0,291	-0,003	0,012	0,090	FALSE
0,031	0,305	0,000	0,013	0,013	FALSE
0,014	0,292	0,001	0,013	0,031	FALSE
0,016	0,282	0,001	0,012	0,021	FALSE
-0,046	0,290	-0,002	0,010	0,071	FALSE
-0,078	0,297	-0,003	0,010	0,118	FALSE
-0,150	0,293	-0,006	0,013	0,196	FALSE
0,030	0,289	0,003	0,013	0,097	FALSE
-0,115	0,285	-0,002	0,013	0,064	FALSE
-0,112	0,291	-0,003	0,013	0,074	FALSE
-0,004	0,290	0,001	0,007	0,051	FALSE
0,122	0,287	0,003	0,007	0,171	FALSE
0,065	0,309	0,004	0,012	0,128	FALSE
0,000	0,310	0,000	0,009	0,006	FALSE
0,018	0,294	0,003	0,013	0,081	FALSE
-0,038	0,291	-0,001	0,009	0,049	FALSE
0,010	0,296	0,000	0,009	0,000	FALSE
0,031	0,292	0,000	0,009	0,011	FALSE
-0,009	0,287	0,001	0,010	0,038	FALSE
0,058	0,300	0,002	0,010	0,058	FALSE
-0,077	0,289	-0,002	0,009	0,073	FALSE
-0,030	0,299	-0,001	0,013	0,031	FALSE
-0,096	0,277	-0,001	0,007	0,061	FALSE
0,115	0,302	0,005	0,010	0,188	FALSE
-0,101	0,291	-0,005	0,011	0,174	FALSE
0,102	0,286	0,003	0,012	0,112	FALSE
-0,104	0,293	-0,001	0,007	0,076	FALSE
0,089	0,307	0,002	0,008	0,072	FALSE
0,022	0,292	0,000	0,011	0,001	FALSE
0,001	0,311	0,000	0,011	0,009	FALSE
-0,047	0,300	-0,003	0,012	0,087	FALSE
-0,036	0,291	-0,002	0,007	0,108	FALSE
-0,028	0,294	-0,001	0,009	0,056	FALSE
-0,090	0,302	-0,005	0,013	0,153	FALSE
0,061	0,281	0,001	0,012	0,038	FALSE
-0,072	0,281	-0,003	0,007	0,145	FALSE
0,106	0,285	0,003	0,013	0,085	FALSE
-0,024	0,276	-0,001	0,006	0,071	FALSE
-0,059	0,293	-0,001	0,008	0,051	FALSE
-0,080	0,294	-0,002	0,008	0,094	FALSE
0,058	0,290	0,002	0,010	0,091	FALSE
0,058	0,306	0,002	0,013	0,043	FALSE
-0,002	0,278	0,000	0,010	0,016	FALSE
0,037	0,283	0,001	0,011	0,036	FALSE
0,070	0,292	0,003	0,012	0,080	FALSE
-0,023	0,288	0,000	0,011	0,015	FALSE
-0,027	0,287	-0,001	0,008	0,058	FALSE
-0,028	0,300	-0,001	0,008	0,046	FALSE
0,017	0,306	0,000	0,008	0,009	FALSE

0,016	0,302	0,000	0,009	0,007	FALSE
0,074	0,300	0,003	0,010	0,114	FALSE
0,082	0,303	0,003	0,011	0,109	FALSE
0,127	0,291	0,004	0,010	0,166	FALSE
0,131	0,289	0,004	0,011	0,165	FALSE
0,111	0,291	0,004	0,010	0,141	FALSE
0,074	0,297	0,003	0,010	0,094	FALSE
0,099	0,289	0,003	0,010	0,124	FALSE
0,107	0,287	0,004	0,011	0,145	FALSE
0,079	0,285	0,003	0,010	0,096	FALSE
0,106	0,302	0,003	0,011	0,114	FALSE
0,015	0,300	0,001	0,013	0,033	FALSE
-0,050	0,282	-0,001	0,008	0,062	FALSE
0,094	0,296	0,003	0,008	0,158	FALSE
-0,064	0,287	-0,001	0,007	0,055	FALSE
-0,063	0,273	-0,001	0,007	0,070	FALSE
-0,012	0,278	0,000	0,008	0,004	FALSE
-0,041	0,282	-0,001	0,007	0,029	FALSE
-0,008	0,284	-0,001	0,012	0,034	FALSE
-0,015	0,276	0,000	0,007	0,011	FALSE
-0,013	0,279	0,000	0,007	0,007	FALSE
-0,025	0,297	-0,003	0,013	0,082	FALSE
-0,064	0,296	-0,002	0,012	0,048	FALSE
0,055	0,286	0,002	0,007	0,084	FALSE
0,035	0,295	0,002	0,012	0,066	FALSE
-0,106	0,297	-0,002	0,007	0,123	FALSE
0,019	0,288	0,000	0,012	0,015	FALSE
-0,034	0,277	0,000	0,009	0,009	FALSE
-0,056	0,286	-0,001	0,007	0,030	FALSE
-0,075	0,278	-0,001	0,007	0,060	FALSE
-0,054	0,300	-0,001	0,008	0,027	FALSE
-0,026	0,275	0,000	0,006	0,008	FALSE
-0,043	0,281	-0,001	0,010	0,025	FALSE
-0,033	0,296	-0,001	0,010	0,028	FALSE
-0,018	0,278	-0,002	0,007	0,091	FALSE
-0,011	0,285	0,000	0,006	0,010	FALSE
-0,008	0,285	0,000	0,007	0,009	FALSE
0,032	0,283	0,000	0,010	0,014	FALSE
-0,036	0,294	-0,001	0,007	0,067	FALSE
-0,034	0,291	-0,002	0,012	0,070	FALSE
0,072	0,291	0,000	0,008	0,016	FALSE
0,066	0,297	0,003	0,012	0,101	FALSE
0,033	0,298	0,000	0,009	0,009	FALSE
0,046	0,297	0,002	0,012	0,050	FALSE
-0,032	0,299	-0,002	0,008	0,088	FALSE
0,047	0,284	0,001	0,010	0,036	FALSE
0,025	0,293	0,000	0,010	0,001	FALSE
0,048	0,289	0,000	0,008	0,006	FALSE
0,061	0,279	0,000	0,009	0,017	FALSE
-0,050	0,276	-0,003	0,008	0,148	FALSE
0,105	0,276	0,003	0,008	0,134	FALSE
0,107	0,279	0,003	0,009	0,126	FALSE
-0,051	0,286	-0,001	0,008	0,023	FALSE

0,049	0,284	0,002	0,012	0,066	FALSE
0,061	0,284	0,003	0,012	0,082	FALSE
0,080	0,291	0,003	0,012	0,105	FALSE
0,028	0,292	0,001	0,013	0,022	FALSE
0,106	0,299	0,004	0,013	0,126	FALSE
-0,049	0,288	-0,002	0,007	0,146	FALSE
0,044	0,283	0,002	0,013	0,050	FALSE
-0,052	0,294	-0,002	0,007	0,096	FALSE
-0,015	0,296	-0,002	0,009	0,089	FALSE
-0,116	0,288	-0,003	0,012	0,106	FALSE
0,126	0,282	0,003	0,007	0,153	FALSE
0,141	0,272	0,005	0,012	0,177	FALSE
0,038	0,301	0,000	0,007	0,016	FALSE
-0,098	0,282	-0,004	0,011	0,141	FALSE
-0,119	0,290	-0,003	0,010	0,129	FALSE
-0,009	0,289	-0,001	0,011	0,033	FALSE
0,023	0,300	0,001	0,013	0,039	FALSE
-0,072	0,301	-0,003	0,013	0,080	FALSE
-0,064	0,275	-0,001	0,011	0,031	FALSE
-0,067	0,282	0,000	0,007	0,013	FALSE
-0,088	0,286	-0,004	0,012	0,133	FALSE
-0,030	0,286	-0,001	0,008	0,040	FALSE
0,046	0,310	0,001	0,007	0,044	FALSE
-0,051	0,279	-0,002	0,012	0,062	FALSE
0,102	0,286	0,004	0,009	0,164	FALSE
0,163	0,278	0,007	0,010	0,318	FALSE
0,046	0,289	0,000	0,007	0,018	FALSE
-0,111	0,284	-0,002	0,008	0,115	FALSE
0,130	0,284	0,006	0,013	0,182	FALSE
0,107	0,297	0,005	0,013	0,139	FALSE
0,093	0,293	0,004	0,013	0,129	FALSE
0,089	0,293	0,004	0,013	0,130	FALSE
-0,031	0,281	-0,002	0,012	0,068	FALSE
-0,092	0,287	-0,004	0,013	0,119	FALSE
-0,126	0,292	-0,004	0,012	0,144	FALSE
-0,011	0,297	0,001	0,012	0,017	FALSE
-0,024	0,294	0,000	0,011	0,008	FALSE
-0,038	0,266	0,000	0,006	0,027	FALSE
0,056	0,285	0,002	0,011	0,080	FALSE
0,010	0,305	0,001	0,012	0,041	FALSE
0,077	0,276	0,000	0,011	0,013	FALSE
0,007	0,287	0,001	0,009	0,025	FALSE
-0,012	0,284	-0,001	0,010	0,019	FALSE
0,046	0,285	0,001	0,009	0,049	FALSE
0,065	0,277	0,002	0,009	0,069	FALSE
-0,056	0,303	0,001	0,011	0,023	FALSE
0,024	0,292	-0,001	0,009	0,027	FALSE
0,077	0,294	0,003	0,013	0,091	FALSE
0,029	0,279	0,002	0,008	0,111	FALSE
-0,044	0,302	-0,001	0,013	0,018	FALSE
-0,021	0,288	0,000	0,008	0,008	FALSE
0,020	0,292	-0,001	0,013	0,019	FALSE
-0,071	0,306	-0,002	0,010	0,069	FALSE

-0,012	0,298	-0,001	0,008	0,063	FALSE
0,038	0,295	0,001	0,011	0,050	FALSE
-0,100	0,289	-0,003	0,008	0,150	FALSE
0,073	0,275	0,002	0,009	0,071	FALSE
-0,003	0,288	0,000	0,008	0,019	FALSE
0,210	0,267	0,005	0,006	0,401	FALSE
-0,157	0,293	-0,003	0,008	0,171	FALSE
-0,025	0,296	-0,001	0,007	0,066	FALSE
-0,020	0,298	-0,001	0,007	0,060	FALSE
0,004	0,288	0,001	0,012	0,020	FALSE
0,044	0,299	0,002	0,013	0,063	FALSE
-0,046	0,303	-0,001	0,007	0,036	FALSE
-0,158	0,294	-0,004	0,008	0,183	FALSE
-0,031	0,284	-0,001	0,012	0,022	FALSE
-0,001	0,297	0,001	0,011	0,033	FALSE
-0,033	0,286	0,001	0,008	0,023	FALSE
-0,127	0,280	-0,002	0,012	0,048	FALSE
-0,095	0,297	-0,002	0,010	0,060	FALSE
0,045	0,283	0,003	0,007	0,168	FALSE
-0,005	0,297	-0,001	0,010	0,042	FALSE
-0,008	0,279	0,001	0,007	0,059	FALSE
0,020	0,294	-0,001	0,008	0,028	FALSE
-0,069	0,287	-0,003	0,009	0,118	FALSE
0,179	0,271	0,003	0,006	0,169	FALSE
0,080	0,290	0,002	0,006	0,103	FALSE
-0,012	0,300	-0,002	0,013	0,047	FALSE
0,108	0,300	0,002	0,006	0,157	FALSE
0,041	0,291	0,001	0,007	0,067	FALSE
0,130	0,278	0,004	0,012	0,133	FALSE
0,021	0,304	0,000	0,007	0,018	FALSE
0,150	0,300	0,003	0,007	0,156	FALSE
-0,037	0,282	-0,001	0,008	0,024	FALSE
-0,075	0,291	-0,005	0,013	0,169	FALSE
-0,056	0,296	-0,002	0,013	0,045	FALSE
-0,081	0,275	-0,001	0,007	0,039	FALSE
0,062	0,283	0,005	0,011	0,165	FALSE
0,073	0,308	0,002	0,008	0,081	FALSE
0,135	0,289	0,004	0,006	0,242	FALSE
-0,061	0,284	-0,001	0,012	0,029	FALSE
0,055	0,295	0,002	0,007	0,092	FALSE
-0,081	0,304	-0,002	0,007	0,102	FALSE
-0,103	0,287	-0,004	0,009	0,191	FALSE
-0,044	0,287	-0,002	0,007	0,083	FALSE
0,049	0,288	0,002	0,007	0,116	FALSE
-0,144	0,274	-0,003	0,008	0,181	FALSE
0,053	0,287	0,003	0,013	0,087	FALSE
-0,136	0,282	-0,003	0,006	0,214	FALSE
0,019	0,284	0,001	0,012	0,037	FALSE
-0,076	0,299	-0,003	0,009	0,141	FALSE
0,032	0,281	0,001	0,006	0,030	FALSE
0,030	0,283	0,001	0,008	0,062	FALSE
-0,055	0,276	-0,002	0,007	0,108	FALSE
-0,067	0,292	-0,003	0,010	0,115	FALSE

-0,045	0,289	0,000	0,008	0,017	FALSE
-0,021	0,273	-0,001	0,006	0,047	FALSE
0,003	0,274	0,001	0,007	0,028	FALSE
0,069	0,281	0,001	0,009	0,041	FALSE
0,148	0,292	0,005	0,011	0,174	FALSE
0,018	0,286	0,000	0,007	0,013	FALSE
0,033	0,290	0,000	0,010	0,015	FALSE
-0,041	0,296	-0,001	0,007	0,039	FALSE
-0,031	0,292	-0,001	0,008	0,024	FALSE
-0,007	0,290	-0,001	0,012	0,026	FALSE
-0,009	0,295	-0,002	0,009	0,076	FALSE
-0,050	0,289	0,000	0,007	0,012	FALSE
0,040	0,289	0,001	0,006	0,081	FALSE
-0,091	0,286	-0,001	0,012	0,017	FALSE
-0,005	0,304	-0,001	0,014	0,029	FALSE
0,019	0,291	0,000	0,007	0,023	FALSE
-0,038	0,287	0,001	0,008	0,041	FALSE
-0,032	0,301	0,000	0,013	0,005	FALSE
0,041	0,295	0,000	0,010	0,012	FALSE
-0,054	0,291	-0,001	0,009	0,042	FALSE
-0,014	0,290	0,000	0,008	0,006	FALSE
0,033	0,294	0,001	0,013	0,040	FALSE
0,025	0,299	0,001	0,013	0,020	FALSE
-0,067	0,294	-0,002	0,007	0,091	FALSE
0,071	0,299	0,003	0,012	0,088	FALSE
-0,033	0,283	-0,001	0,007	0,062	FALSE
0,027	0,294	0,002	0,008	0,101	FALSE
0,028	0,282	0,001	0,007	0,068	FALSE
0,051	0,282	0,002	0,007	0,109	FALSE
-0,076	0,288	-0,002	0,007	0,125	FALSE
0,014	0,301	0,000	0,012	0,003	FALSE
0,043	0,276	0,001	0,006	0,085	FALSE
-0,133	0,273	-0,005	0,009	0,236	FALSE
0,016	0,284	-0,001	0,012	0,033	FALSE
-0,058	0,277	-0,002	0,012	0,073	FALSE
-0,062	0,279	-0,002	0,010	0,079	FALSE
-0,039	0,291	-0,001	0,012	0,026	FALSE
-0,031	0,297	-0,001	0,009	0,049	FALSE
0,068	0,290	0,001	0,007	0,050	FALSE
0,045	0,303	0,002	0,013	0,061	FALSE
-0,043	0,286	-0,001	0,007	0,040	FALSE
-0,021	0,280	0,000	0,011	0,015	FALSE
0,005	0,300	-0,002	0,011	0,053	FALSE
-0,064	0,293	-0,002	0,009	0,071	FALSE
-0,012	0,288	0,000	0,007	0,008	FALSE
0,055	0,288	0,005	0,011	0,163	FALSE
0,008	0,296	-0,001	0,010	0,019	FALSE
0,075	0,290	0,002	0,007	0,087	FALSE
-0,083	0,291	-0,002	0,008	0,096	FALSE
-0,177	0,291	-0,004	0,007	0,262	FALSE
0,049	0,306	-0,001	0,012	0,022	FALSE
0,024	0,284	-0,002	0,011	0,058	FALSE
0,080	0,289	0,002	0,006	0,091	FALSE

-0,151	0,283	-0,002	0,007	0,141	FALSE
-0,029	0,279	-0,002	0,009	0,068	FALSE
-0,075	0,286	-0,004	0,012	0,133	FALSE
0,072	0,300	0,002	0,007	0,126	FALSE
0,047	0,300	0,002	0,007	0,088	FALSE
-0,110	0,285	-0,004	0,012	0,132	FALSE
0,055	0,289	0,001	0,008	0,066	FALSE
-0,065	0,289	-0,004	0,012	0,138	FALSE
-0,035	0,292	-0,002	0,012	0,065	FALSE
0,087	0,280	0,003	0,009	0,129	FALSE
0,022	0,305	0,001	0,013	0,026	FALSE
-0,026	0,288	-0,001	0,012	0,015	FALSE
-0,093	0,282	-0,003	0,007	0,145	FALSE
-0,026	0,293	-0,001	0,012	0,042	FALSE
0,065	0,291	0,001	0,011	0,046	FALSE
0,044	0,303	0,000	0,008	0,017	FALSE
-0,051	0,294	-0,001	0,012	0,028	FALSE
0,081	0,280	0,000	0,008	0,007	FALSE
0,125	0,296	0,002	0,011	0,086	FALSE
0,078	0,278	0,000	0,007	0,020	FALSE
0,127	0,295	0,002	0,008	0,103	FALSE
0,147	0,296	0,004	0,011	0,133	FALSE
-0,017	0,278	0,000	0,009	0,013	FALSE
-0,087	0,285	-0,001	0,012	0,042	FALSE
0,066	0,277	0,003	0,008	0,137	FALSE
-0,114	0,276	-0,004	0,009	0,188	FALSE
-0,079	0,289	-0,005	0,011	0,181	FALSE
-0,041	0,307	-0,002	0,012	0,048	FALSE
0,053	0,293	0,003	0,007	0,153	FALSE
0,101	0,278	0,002	0,008	0,094	FALSE
0,024	0,291	-0,001	0,013	0,021	FALSE
0,040	0,295	-0,001	0,013	0,028	FALSE
-0,034	0,278	-0,001	0,009	0,034	FALSE
0,000	0,296	0,001	0,007	0,046	FALSE
0,026	0,289	0,000	0,008	0,019	FALSE
0,003	0,287	0,000	0,008	0,015	FALSE
-0,008	0,297	0,000	0,010	0,012	FALSE
-0,101	0,293	-0,002	0,010	0,075	FALSE
0,038	0,293	0,001	0,006	0,080	FALSE
-0,061	0,299	-0,002	0,012	0,054	FALSE
-0,085	0,296	-0,002	0,008	0,115	FALSE
0,014	0,286	0,000	0,010	0,017	FALSE
0,009	0,285	-0,002	0,009	0,077	FALSE
-0,022	0,291	0,002	0,011	0,063	FALSE
0,092	0,275	0,002	0,011	0,067	FALSE
0,015	0,296	0,002	0,009	0,079	FALSE
-0,160	0,296	-0,005	0,010	0,248	FALSE
-0,107	0,279	-0,004	0,008	0,209	FALSE
-0,103	0,286	-0,004	0,008	0,208	FALSE
0,172	0,286	0,005	0,008	0,298	FALSE
-0,215	0,275	-0,004	0,007	0,276	FALSE
0,055	0,289	0,002	0,010	0,094	FALSE
-0,168	0,287	-0,003	0,007	0,208	FALSE

0,144	0,288	0,005	0,010	0,192	FALSE
0,086	0,287	0,002	0,012	0,071	FALSE
-0,080	0,286	-0,003	0,009	0,126	FALSE
0,169	0,277	0,005	0,009	0,247	FALSE
-0,053	0,302	-0,001	0,007	0,083	FALSE
0,065	0,295	0,001	0,008	0,067	FALSE
0,068	0,291	0,002	0,008	0,076	FALSE
0,011	0,287	-0,001	0,007	0,030	FALSE
0,047	0,295	0,002	0,008	0,099	FALSE
-0,106	0,278	-0,004	0,008	0,175	FALSE
-0,011	0,297	0,000	0,007	0,013	FALSE
-0,031	0,294	-0,001	0,008	0,066	FALSE
-0,001	0,292	-0,001	0,009	0,051	FALSE
-0,011	0,295	-0,001	0,010	0,043	FALSE
-0,138	0,280	-0,003	0,011	0,087	FALSE
0,133	0,291	0,003	0,009	0,143	FALSE
-0,018	0,293	0,000	0,007	0,014	FALSE
0,023	0,277	0,000	0,006	0,008	FALSE
0,104	0,290	0,004	0,012	0,132	FALSE
0,072	0,292	0,001	0,013	0,027	FALSE
0,022	0,288	0,001	0,010	0,047	FALSE
0,096	0,295	0,003	0,011	0,114	FALSE
-0,037	0,288	-0,002	0,006	0,136	FALSE
0,047	0,299	0,002	0,010	0,088	FALSE
0,128	0,273	0,002	0,008	0,093	FALSE
-0,056	0,279	-0,001	0,006	0,066	FALSE
-0,058	0,281	-0,001	0,006	0,036	FALSE
0,058	0,303	0,002	0,007	0,141	FALSE
0,059	0,290	0,001	0,006	0,049	FALSE
-0,006	0,268	-0,002	0,012	0,064	FALSE
0,015	0,286	0,000	0,006	0,028	FALSE
-0,041	0,283	-0,002	0,008	0,076	FALSE
-0,145	0,276	-0,004	0,007	0,248	FALSE
-0,082	0,285	-0,003	0,008	0,132	FALSE
-0,088	0,290	-0,003	0,007	0,161	FALSE
0,052	0,290	0,004	0,012	0,123	FALSE
0,087	0,283	0,002	0,006	0,132	FALSE
-0,070	0,288	-0,002	0,007	0,114	FALSE
-0,022	0,290	-0,001	0,008	0,054	FALSE
-0,056	0,293	-0,002	0,012	0,044	FALSE
0,124	0,285	0,004	0,013	0,116	FALSE
-0,043	0,302	0,000	0,007	0,010	FALSE
-0,061	0,278	-0,002	0,007	0,108	FALSE
-0,096	0,290	-0,004	0,012	0,148	FALSE
0,194	0,276	0,006	0,009	0,304	FALSE
-0,072	0,280	-0,003	0,011	0,097	FALSE
-0,091	0,290	-0,004	0,011	0,132	FALSE
0,055	0,275	0,001	0,010	0,033	FALSE
0,075	0,308	0,003	0,011	0,109	FALSE
0,137	0,285	0,004	0,010	0,165	FALSE
0,114	0,302	0,001	0,007	0,081	FALSE
0,012	0,282	-0,002	0,012	0,057	FALSE
-0,014	0,287	0,001	0,013	0,041	FALSE

0,025	0,283	0,000	0,009	0,012	FALSE
-0,027	0,296	-0,003	0,013	0,083	FALSE
-0,097	0,294	-0,003	0,008	0,135	FALSE
0,141	0,290	0,005	0,013	0,162	FALSE
0,077	0,282	0,001	0,010	0,038	FALSE
-0,113	0,288	-0,004	0,012	0,153	FALSE
0,092	0,301	0,002	0,009	0,092	FALSE
0,069	0,298	0,002	0,007	0,121	FALSE
0,051	0,294	0,001	0,011	0,046	FALSE
-0,157	0,278	-0,004	0,007	0,216	FALSE
-0,063	0,277	-0,001	0,007	0,027	FALSE
-0,030	0,282	-0,001	0,013	0,024	FALSE
-0,165	0,272	-0,004	0,007	0,242	FALSE
-0,155	0,278	-0,004	0,007	0,243	FALSE
0,029	0,279	0,000	0,007	0,006	FALSE
-0,007	0,297	0,000	0,007	0,014	FALSE
0,045	0,299	0,001	0,008	0,056	FALSE
-0,036	0,283	-0,002	0,009	0,101	FALSE
-0,033	0,286	-0,002	0,008	0,085	FALSE
0,104	0,288	0,006	0,012	0,202	FALSE
0,020	0,287	0,001	0,010	0,047	FALSE
0,016	0,294	-0,001	0,008	0,028	FALSE
-0,057	0,296	0,000	0,007	0,022	FALSE
0,024	0,295	0,000	0,009	0,010	FALSE
-0,080	0,295	-0,001	0,007	0,048	FALSE
-0,083	0,294	-0,002	0,011	0,077	FALSE
-0,084	0,287	-0,001	0,006	0,030	FALSE
-0,045	0,286	0,000	0,006	0,007	FALSE
-0,072	0,291	-0,001	0,007	0,038	FALSE
0,009	0,287	0,001	0,009	0,030	FALSE
0,092	0,287	0,003	0,009	0,111	FALSE
-0,032	0,303	0,000	0,009	0,006	FALSE
-0,032	0,310	0,000	0,009	0,004	FALSE
0,029	0,295	0,000	0,009	0,011	FALSE
-0,124	0,287	-0,002	0,007	0,123	FALSE
-0,141	0,299	-0,003	0,007	0,142	FALSE
-0,114	0,292	-0,004	0,013	0,139	FALSE
0,236	0,278	0,007	0,009	0,396	FALSE
0,083	0,296	0,003	0,007	0,143	FALSE
-0,031	0,300	0,000	0,007	0,020	FALSE
-0,010	0,298	-0,001	0,013	0,028	FALSE
0,092	0,296	0,002	0,009	0,074	FALSE
0,034	0,279	0,002	0,009	0,104	FALSE
0,153	0,298	0,005	0,008	0,287	FALSE
0,141	0,280	0,007	0,011	0,293	FALSE
0,129	0,294	0,003	0,007	0,183	FALSE
-0,116	0,272	-0,003	0,009	0,129	FALSE
-0,095	0,305	-0,003	0,008	0,146	FALSE
-0,037	0,275	0,001	0,007	0,047	FALSE
0,005	0,282	-0,002	0,009	0,071	FALSE
0,058	0,287	-0,001	0,012	0,030	FALSE
0,028	0,305	0,000	0,007	0,005	FALSE
0,018	0,300	0,002	0,013	0,065	FALSE

0,023	0,303	-0,001	0,013	0,035	FALSE
0,060	0,292	0,002	0,012	0,073	FALSE
0,015	0,294	-0,002	0,013	0,059	FALSE
-0,076	0,280	-0,001	0,009	0,051	FALSE
-0,110	0,270	-0,002	0,007	0,124	FALSE
-0,064	0,288	-0,003	0,007	0,182	FALSE
0,049	0,297	0,001	0,009	0,021	FALSE
-0,149	0,274	-0,005	0,012	0,174	FALSE
0,223	0,280	0,005	0,007	0,317	FALSE
0,108	0,296	0,002	0,008	0,117	FALSE
0,073	0,273	0,002	0,008	0,079	FALSE
-0,109	0,286	-0,004	0,009	0,171	FALSE
-0,041	0,284	-0,001	0,012	0,020	FALSE
-0,099	0,291	-0,004	0,010	0,143	FALSE
0,024	0,278	-0,001	0,006	0,046	FALSE
0,027	0,299	0,001	0,009	0,060	FALSE
-0,006	0,286	-0,001	0,007	0,067	FALSE
0,070	0,295	0,001	0,009	0,041	FALSE
-0,001	0,285	-0,001	0,010	0,025	FALSE
0,000	0,296	-0,001	0,009	0,051	FALSE
0,065	0,298	0,001	0,011	0,018	FALSE
0,132	0,287	0,003	0,011	0,112	FALSE
-0,080	0,294	-0,001	0,009	0,056	FALSE
-0,047	0,300	-0,002	0,007	0,135	FALSE
-0,019	0,283	-0,001	0,008	0,024	FALSE
-0,052	0,293	-0,001	0,007	0,040	FALSE
-0,009	0,290	0,000	0,008	0,016	FALSE
-0,097	0,279	-0,002	0,007	0,090	FALSE
0,090	0,294	0,003	0,012	0,111	FALSE
0,041	0,289	0,001	0,008	0,041	FALSE
0,011	0,277	-0,001	0,007	0,039	FALSE
-0,230	0,277	-0,009	0,011	0,379	FALSE
-0,056	0,288	0,000	0,009	0,013	FALSE
0,036	0,294	0,001	0,008	0,063	FALSE
0,179	0,271	0,006	0,011	0,252	FALSE
0,155	0,282	0,006	0,010	0,261	FALSE
-0,011	0,289	0,000	0,009	0,010	FALSE
-0,075	0,280	-0,003	0,007	0,161	FALSE
-0,035	0,293	-0,001	0,008	0,033	FALSE
-0,014	0,295	-0,001	0,008	0,051	FALSE
0,132	0,284	0,002	0,006	0,136	FALSE
0,052	0,296	0,000	0,008	0,013	FALSE
0,121	0,302	0,002	0,009	0,088	FALSE
0,049	0,292	0,002	0,007	0,111	FALSE
0,031	0,277	0,001	0,008	0,056	FALSE
0,018	0,287	-0,001	0,008	0,057	FALSE
-0,039	0,262	0,001	0,012	0,039	FALSE
-0,024	0,287	0,000	0,006	0,010	FALSE
0,119	0,284	0,002	0,008	0,086	FALSE
0,075	0,288	0,003	0,008	0,131	FALSE
0,029	0,294	0,001	0,009	0,052	FALSE
0,150	0,299	0,006	0,013	0,216	FALSE
0,017	0,296	-0,001	0,009	0,032	FALSE

0,096	0,291	0,002	0,013	0,060	FALSE
0,029	0,284	-0,002	0,013	0,057	FALSE
-0,188	0,298	-0,006	0,008	0,294	FALSE
-0,008	0,296	0,002	0,013	0,046	FALSE
-0,010	0,282	0,001	0,006	0,037	FALSE
-0,063	0,296	0,000	0,008	0,021	FALSE
-0,034	0,304	-0,001	0,007	0,040	FALSE
-0,202	0,282	-0,005	0,009	0,232	FALSE
0,182	0,292	0,004	0,007	0,271	FALSE
-0,113	0,283	-0,002	0,009	0,104	FALSE
0,059	0,283	0,001	0,007	0,061	FALSE
0,072	0,307	0,001	0,011	0,033	FALSE
0,076	0,293	0,002	0,011	0,083	FALSE
0,008	0,286	0,002	0,009	0,077	FALSE
0,021	0,279	0,003	0,013	0,093	FALSE
-0,022	0,270	0,001	0,007	0,061	FALSE
0,073	0,295	0,002	0,007	0,101	FALSE
-0,041	0,279	-0,001	0,008	0,027	FALSE
0,073	0,279	0,001	0,012	0,024	FALSE
-0,015	0,283	-0,002	0,010	0,062	FALSE
-0,100	0,283	-0,002	0,010	0,066	FALSE
-0,184	0,279	-0,004	0,007	0,218	FALSE
0,026	0,307	0,000	0,007	0,021	FALSE
0,046	0,283	0,001	0,006	0,049	FALSE
0,080	0,289	0,001	0,007	0,057	FALSE
0,041	0,281	0,000	0,009	0,016	FALSE
0,130	0,295	0,006	0,012	0,192	FALSE
0,101	0,293	0,002	0,007	0,109	FALSE
0,116	0,263	0,005	0,010	0,201	FALSE
0,044	0,298	0,000	0,012	0,004	FALSE
0,035	0,300	-0,001	0,012	0,019	FALSE
-0,034	0,294	-0,003	0,013	0,094	FALSE
-0,029	0,293	-0,003	0,013	0,089	FALSE
0,089	0,288	0,003	0,007	0,153	FALSE
-0,114	0,294	-0,003	0,013	0,101	FALSE
0,115	0,280	0,002	0,006	0,122	FALSE
-0,114	0,277	-0,004	0,008	0,228	FALSE
0,085	0,285	0,002	0,006	0,108	FALSE
0,064	0,275	0,002	0,010	0,062	FALSE
-0,027	0,302	-0,001	0,009	0,035	FALSE
0,050	0,285	0,001	0,007	0,036	FALSE
0,001	0,291	0,000	0,010	0,003	FALSE
0,157	0,286	0,004	0,010	0,187	FALSE
0,106	0,291	0,003	0,011	0,117	FALSE
-0,010	0,290	-0,001	0,013	0,030	FALSE
-0,182	0,277	-0,006	0,012	0,189	FALSE
-0,022	0,285	-0,002	0,010	0,066	FALSE
-0,088	0,297	-0,003	0,010	0,106	FALSE
0,010	0,288	0,002	0,006	0,098	FALSE
-0,045	0,296	0,000	0,012	0,003	FALSE
-0,028	0,301	-0,002	0,007	0,106	FALSE
0,035	0,294	0,000	0,007	0,008	FALSE
0,071	0,299	0,002	0,007	0,088	FALSE

-0,174	0,278	-0,005	0,008	0,260	FALSE
-0,049	0,299	-0,002	0,007	0,097	FALSE
-0,032	0,278	-0,002	0,010	0,091	FALSE
-0,156	0,283	-0,005	0,012	0,167	FALSE
-0,033	0,288	-0,001	0,006	0,029	FALSE
-0,099	0,281	-0,006	0,010	0,249	FALSE
-0,165	0,285	-0,008	0,012	0,283	FALSE
0,219	0,274	0,009	0,012	0,357	FALSE
-0,112	0,279	-0,002	0,008	0,091	FALSE
-0,029	0,289	-0,001	0,007	0,073	FALSE
-0,028	0,296	0,000	0,009	0,008	FALSE
0,190	0,289	0,004	0,008	0,194	FALSE
-0,134	0,291	-0,007	0,012	0,239	FALSE
-0,067	0,291	-0,005	0,010	0,194	FALSE
-0,028	0,300	-0,002	0,010	0,078	FALSE
-0,129	0,270	-0,003	0,011	0,090	FALSE
-0,099	0,284	-0,001	0,007	0,054	FALSE
0,059	0,303	0,001	0,010	0,017	FALSE
0,126	0,288	0,003	0,007	0,211	FALSE
-0,026	0,286	0,001	0,008	0,030	FALSE
-0,086	0,284	-0,001	0,012	0,041	FALSE
0,062	0,286	0,003	0,009	0,119	FALSE
0,077	0,288	0,002	0,012	0,076	FALSE
-0,015	0,295	0,000	0,011	0,004	FALSE
0,163	0,288	0,004	0,007	0,208	FALSE
0,010	0,299	0,000	0,007	0,014	FALSE
-0,103	0,279	-0,004	0,012	0,120	FALSE
0,231	0,282	0,005	0,007	0,323	FALSE
-0,089	0,278	-0,001	0,010	0,053	FALSE
0,249	0,276	0,007	0,010	0,312	FALSE
-0,009	0,288	0,000	0,007	0,017	FALSE
0,115	0,288	0,005	0,012	0,163	FALSE
0,139	0,289	0,006	0,013	0,207	FALSE
-0,160	0,281	-0,008	0,013	0,277	FALSE
-0,113	0,286	-0,004	0,012	0,129	FALSE
-0,094	0,300	-0,003	0,011	0,119	FALSE
0,043	0,285	0,000	0,006	0,028	FALSE
0,080	0,289	0,002	0,009	0,082	FALSE
0,047	0,281	0,004	0,009	0,180	FALSE
-0,024	0,282	0,002	0,009	0,068	FALSE
0,058	0,284	0,005	0,013	0,165	FALSE
-0,040	0,289	-0,001	0,006	0,057	FALSE
0,070	0,288	0,002	0,007	0,101	FALSE
0,043	0,288	0,001	0,007	0,050	FALSE
-0,068	0,289	-0,004	0,011	0,156	FALSE
0,052	0,284	0,003	0,012	0,109	FALSE
-0,065	0,288	-0,004	0,013	0,129	FALSE
0,140	0,287	0,004	0,010	0,178	FALSE
0,150	0,279	0,004	0,009	0,203	FALSE
-0,030	0,294	-0,002	0,013	0,064	FALSE
0,104	0,287	0,002	0,007	0,128	FALSE
0,039	0,302	0,002	0,014	0,065	FALSE
-0,169	0,284	-0,008	0,013	0,293	FALSE

-0,014	0,292	-0,002	0,008	0,075	FALSE
-0,017	0,293	-0,001	0,012	0,018	FALSE
0,019	0,302	0,001	0,013	0,016	FALSE
-0,101	0,291	-0,002	0,006	0,141	FALSE
-0,008	0,289	0,002	0,009	0,067	FALSE
0,033	0,292	-0,001	0,013	0,021	FALSE
0,042	0,296	0,000	0,009	0,009	FALSE
0,047	0,286	0,001	0,008	0,054	FALSE
0,088	0,286	0,002	0,009	0,073	FALSE
-0,021	0,288	-0,001	0,010	0,021	FALSE
-0,002	0,293	0,000	0,007	0,025	FALSE
0,143	0,294	0,004	0,008	0,248	FALSE
-0,128	0,285	-0,002	0,010	0,075	FALSE
0,091	0,282	0,003	0,007	0,136	FALSE
-0,113	0,274	-0,005	0,010	0,213	FALSE
0,119	0,291	0,003	0,008	0,155	FALSE
-0,140	0,290	-0,005	0,010	0,215	FALSE
-0,002	0,284	-0,001	0,010	0,040	FALSE
0,086	0,285	0,001	0,007	0,074	FALSE
0,035	0,283	-0,001	0,010	0,036	FALSE
-0,016	0,290	0,000	0,008	0,000	FALSE
-0,115	0,284	-0,008	0,013	0,256	FALSE
0,007	0,275	0,001	0,008	0,024	FALSE
0,102	0,290	0,001	0,007	0,048	FALSE
-0,094	0,296	-0,003	0,011	0,097	FALSE
-0,044	0,283	-0,001	0,013	0,023	FALSE
0,074	0,279	0,003	0,012	0,096	FALSE
0,013	0,285	-0,001	0,012	0,044	FALSE
-0,014	0,291	0,000	0,008	0,021	FALSE
-0,100	0,292	-0,003	0,010	0,132	FALSE
-0,149	0,297	-0,005	0,010	0,196	FALSE
-0,006	0,293	0,001	0,012	0,024	FALSE
0,050	0,294	0,003	0,013	0,082	FALSE
0,005	0,290	-0,001	0,012	0,029	FALSE
-0,050	0,296	-0,002	0,008	0,072	FALSE
0,043	0,261	0,004	0,009	0,198	FALSE
0,045	0,266	0,005	0,011	0,175	FALSE
0,037	0,271	0,005	0,011	0,185	FALSE
-0,011	0,291	-0,001	0,013	0,031	FALSE
-0,049	0,283	-0,001	0,011	0,039	FALSE
0,120	0,290	0,003	0,007	0,205	FALSE
0,082	0,291	0,001	0,008	0,064	FALSE
-0,047	0,290	-0,005	0,012	0,153	FALSE
-0,137	0,276	-0,004	0,012	0,124	FALSE
0,045	0,292	0,002	0,011	0,049	FALSE
0,058	0,294	0,002	0,011	0,051	FALSE
-0,032	0,287	0,001	0,011	0,020	FALSE
-0,118	0,293	-0,004	0,012	0,124	FALSE
-0,079	0,275	-0,002	0,006	0,134	FALSE
-0,072	0,296	-0,002	0,013	0,045	FALSE
-0,066	0,277	-0,002	0,010	0,088	FALSE
-0,035	0,274	0,000	0,007	0,010	FALSE
0,033	0,289	0,002	0,010	0,064	FALSE

-0,159	0,283	-0,006	0,013	0,205	FALSE
-0,087	0,289	-0,002	0,006	0,092	FALSE
0,177	0,278	0,006	0,009	0,291	FALSE
-0,037	0,296	-0,002	0,013	0,062	FALSE
0,095	0,270	0,004	0,011	0,131	FALSE
0,106	0,296	0,002	0,013	0,068	FALSE
-0,115	0,286	-0,006	0,013	0,191	FALSE
0,129	0,291	0,005	0,009	0,243	FALSE
-0,090	0,287	-0,002	0,007	0,114	FALSE
0,186	0,281	0,007	0,011	0,299	FALSE
-0,227	0,285	-0,005	0,007	0,323	FALSE
0,094	0,288	0,004	0,012	0,147	FALSE
-0,033	0,275	0,001	0,008	0,044	FALSE
-0,179	0,286	-0,004	0,007	0,249	FALSE
0,108	0,285	0,002	0,007	0,128	FALSE
0,217	0,291	0,007	0,011	0,290	FALSE
0,184	0,284	0,006	0,010	0,254	FALSE
0,217	0,272	0,008	0,011	0,358	FALSE
0,058	0,295	0,001	0,011	0,029	FALSE
0,048	0,289	0,003	0,013	0,102	FALSE
0,035	0,284	0,002	0,011	0,061	FALSE
0,011	0,291	-0,001	0,008	0,060	FALSE
-0,114	0,292	-0,003	0,009	0,140	FALSE
0,179	0,286	0,006	0,012	0,215	FALSE
-0,069	0,274	-0,003	0,009	0,145	FALSE
0,141	0,291	0,004	0,012	0,148	FALSE
0,154	0,292	0,004	0,008	0,221	FALSE
-0,079	0,280	-0,004	0,010	0,172	FALSE
-0,062	0,298	-0,002	0,008	0,095	FALSE
-0,035	0,303	-0,004	0,014	0,101	FALSE
0,056	0,296	0,000	0,008	0,015	FALSE
-0,012	0,289	-0,002	0,011	0,063	FALSE
-0,088	0,297	-0,003	0,012	0,102	FALSE
0,039	0,276	0,002	0,006	0,131	FALSE
-0,094	0,292	-0,003	0,007	0,146	FALSE
-0,041	0,288	-0,003	0,011	0,123	FALSE
-0,020	0,284	0,001	0,007	0,028	FALSE
-0,043	0,297	-0,002	0,010	0,088	FALSE
0,124	0,292	0,003	0,007	0,175	FALSE
0,063	0,285	0,002	0,007	0,099	FALSE
0,151	0,278	0,004	0,007	0,232	FALSE
0,152	0,273	0,004	0,007	0,254	FALSE
-0,023	0,297	-0,001	0,011	0,046	FALSE
-0,046	0,293	-0,001	0,007	0,026	FALSE
-0,006	0,281	0,001	0,008	0,055	FALSE
-0,006	0,283	0,002	0,008	0,074	FALSE
-0,016	0,297	-0,001	0,009	0,039	FALSE
0,082	0,287	0,002	0,007	0,131	FALSE
-0,007	0,281	0,001	0,009	0,036	FALSE
-0,012	0,292	0,000	0,012	0,011	FALSE
0,032	0,284	0,002	0,008	0,071	FALSE
-0,141	0,288	-0,003	0,009	0,142	FALSE
-0,022	0,304	0,000	0,013	0,005	FALSE

-0,026	0,298	0,000	0,013	0,005	FALSE
-0,012	0,299	0,001	0,013	0,033	FALSE
0,036	0,288	0,001	0,006	0,058	FALSE
0,003	0,279	-0,001	0,009	0,045	FALSE
-0,005	0,299	-0,002	0,012	0,054	FALSE
0,095	0,300	0,002	0,008	0,076	FALSE
0,111	0,296	0,003	0,008	0,121	FALSE
0,128	0,278	0,007	0,013	0,230	FALSE
-0,037	0,290	0,000	0,008	0,015	FALSE
-0,020	0,281	0,000	0,007	0,019	FALSE
-0,046	0,282	0,000	0,010	0,003	FALSE
-0,040	0,289	0,000	0,009	0,014	FALSE
0,017	0,293	0,001	0,011	0,037	FALSE
0,095	0,284	0,000	0,009	0,014	FALSE
-0,132	0,295	-0,004	0,010	0,181	FALSE
-0,030	0,312	-0,001	0,008	0,046	FALSE
0,068	0,300	0,002	0,009	0,063	FALSE
0,000	0,291	0,002	0,012	0,058	FALSE
0,040	0,300	0,000	0,012	0,013	FALSE
0,072	0,298	0,002	0,007	0,110	FALSE
0,090	0,293	0,002	0,007	0,108	FALSE
0,085	0,305	0,002	0,008	0,090	FALSE
-0,046	0,294	-0,001	0,010	0,022	FALSE
-0,061	0,285	-0,003	0,012	0,076	FALSE
-0,010	0,292	0,000	0,010	0,016	FALSE
-0,081	0,282	-0,003	0,012	0,091	FALSE
-0,066	0,281	-0,003	0,012	0,080	FALSE
0,049	0,294	0,001	0,007	0,056	FALSE
-0,041	0,282	-0,002	0,008	0,118	FALSE
-0,133	0,290	-0,003	0,007	0,192	FALSE
-0,032	0,288	0,000	0,010	0,005	FALSE
-0,087	0,294	-0,003	0,008	0,167	FALSE
0,088	0,298	0,002	0,007	0,098	FALSE
-0,075	0,278	-0,003	0,011	0,116	FALSE
0,032	0,300	0,001	0,011	0,051	FALSE
0,045	0,295	0,001	0,010	0,045	FALSE
-0,003	0,296	0,001	0,011	0,017	FALSE
0,084	0,290	0,000	0,007	0,008	FALSE
-0,013	0,281	-0,001	0,006	0,089	FALSE
-0,051	0,295	-0,001	0,012	0,032	FALSE
-0,147	0,282	-0,004	0,009	0,173	FALSE
0,089	0,277	0,004	0,012	0,142	FALSE
0,021	0,291	0,002	0,010	0,063	FALSE
0,025	0,292	0,001	0,010	0,020	FALSE
-0,232	0,282	-0,008	0,012	0,332	FALSE
0,053	0,287	0,002	0,011	0,061	FALSE
-0,168	0,281	-0,004	0,008	0,236	FALSE
-0,228	0,273	-0,007	0,011	0,296	FALSE
-0,114	0,280	-0,001	0,006	0,079	FALSE
-0,115	0,280	-0,001	0,006	0,079	FALSE
0,117	0,293	0,004	0,013	0,118	FALSE
0,071	0,288	0,002	0,007	0,117	FALSE
0,043	0,287	-0,001	0,012	0,033	FALSE

0,038	0,303	0,002	0,011	0,060	FALSE
-0,080	0,299	-0,004	0,013	0,106	FALSE
-0,065	0,281	-0,003	0,008	0,153	FALSE
-0,167	0,283	-0,003	0,006	0,188	FALSE
-0,130	0,288	-0,004	0,008	0,225	FALSE
0,068	0,285	0,002	0,007	0,084	FALSE
0,161	0,285	0,005	0,008	0,279	FALSE
0,029	0,274	0,002	0,007	0,140	FALSE
-0,104	0,303	-0,002	0,008	0,088	FALSE
-0,001	0,285	0,000	0,009	0,011	FALSE
-0,024	0,293	0,000	0,008	0,013	FALSE
0,063	0,288	0,005	0,011	0,169	FALSE
0,042	0,303	0,001	0,010	0,030	FALSE
-0,112	0,283	-0,002	0,010	0,074	FALSE
-0,027	0,286	0,000	0,013	0,002	FALSE
-0,008	0,304	0,000	0,007	0,001	FALSE
0,006	0,292	0,000	0,007	0,013	FALSE
-0,033	0,289	0,000	0,010	0,015	FALSE
-0,005	0,302	0,001	0,013	0,034	FALSE
-0,108	0,281	-0,003	0,012	0,110	FALSE
-0,050	0,291	-0,001	0,012	0,022	FALSE
-0,074	0,292	-0,002	0,012	0,053	FALSE
0,032	0,255	0,002	0,012	0,055	FALSE
0,044	0,293	0,000	0,013	0,010	FALSE
0,043	0,283	0,000	0,012	0,004	FALSE
0,049	0,274	0,000	0,012	0,006	FALSE
0,049	0,276	0,003	0,010	0,107	FALSE
0,021	0,280	-0,001	0,008	0,045	FALSE
-0,037	0,289	0,000	0,010	0,008	FALSE
0,023	0,292	0,001	0,011	0,024	FALSE
-0,076	0,291	-0,003	0,013	0,077	FALSE
0,157	0,298	0,003	0,007	0,207	FALSE
-0,104	0,276	-0,006	0,013	0,181	FALSE
-0,079	0,289	-0,004	0,013	0,109	FALSE
-0,123	0,280	-0,005	0,013	0,168	FALSE
-0,109	0,295	-0,005	0,013	0,153	FALSE
-0,026	0,283	0,001	0,008	0,029	FALSE
0,013	0,291	0,001	0,010	0,047	FALSE
-0,016	0,292	-0,001	0,006	0,087	FALSE
0,141	0,289	0,007	0,013	0,227	FALSE
-0,004	0,298	0,000	0,013	0,009	FALSE
-0,027	0,275	-0,002	0,007	0,110	FALSE
-0,180	0,288	-0,005	0,010	0,222	FALSE
0,052	0,292	0,003	0,013	0,100	FALSE
-0,049	0,292	-0,003	0,013	0,085	FALSE
0,115	0,285	0,003	0,013	0,086	FALSE
0,072	0,288	0,002	0,012	0,075	FALSE
-0,002	0,297	0,000	0,009	0,004	FALSE
0,026	0,294	0,001	0,010	0,032	FALSE
0,020	0,297	0,000	0,008	0,017	FALSE
0,037	0,284	0,002	0,009	0,068	FALSE
-0,068	0,287	-0,002	0,010	0,069	FALSE
-0,042	0,290	-0,002	0,011	0,070	FALSE

0,013	0,301	0,001	0,008	0,048	FALSE
0,004	0,290	0,001	0,009	0,032	FALSE
0,167	0,289	0,005	0,008	0,292	FALSE
0,062	0,292	0,003	0,012	0,080	FALSE
0,046	0,288	0,002	0,012	0,058	FALSE
-0,094	0,284	-0,001	0,009	0,051	FALSE
0,009	0,284	0,001	0,010	0,022	FALSE
-0,015	0,282	0,000	0,012	0,000	FALSE
0,042	0,283	0,004	0,011	0,127	FALSE
-0,021	0,301	-0,002	0,007	0,125	FALSE
0,088	0,286	0,001	0,007	0,075	FALSE
0,016	0,288	-0,002	0,012	0,071	FALSE
0,004	0,281	-0,002	0,007	0,112	FALSE
0,081	0,298	0,003	0,011	0,127	FALSE
-0,046	0,282	-0,003	0,011	0,091	FALSE
0,108	0,271	0,004	0,008	0,205	FALSE
0,108	0,277	0,003	0,008	0,178	FALSE
0,071	0,282	0,005	0,011	0,167	FALSE
0,004	0,296	-0,001	0,008	0,030	FALSE
-0,077	0,288	-0,003	0,007	0,173	FALSE
-0,168	0,279	-0,008	0,012	0,327	FALSE
0,023	0,305	0,002	0,010	0,056	FALSE
0,093	0,293	0,005	0,013	0,147	FALSE
0,180	0,295	0,005	0,010	0,223	FALSE
-0,101	0,298	-0,003	0,012	0,094	FALSE
-0,023	0,288	0,000	0,007	0,012	FALSE
0,071	0,288	0,004	0,011	0,141	FALSE
-0,083	0,275	-0,003	0,008	0,153	FALSE
-0,087	0,292	-0,003	0,011	0,113	FALSE
-0,022	0,276	-0,001	0,008	0,042	FALSE
0,042	0,285	0,003	0,010	0,094	FALSE
0,099	0,292	0,002	0,007	0,088	FALSE
0,000	0,285	0,002	0,011	0,063	FALSE
0,171	0,283	0,005	0,010	0,211	FALSE
0,137	0,289	0,004	0,010	0,162	FALSE
0,090	0,283	0,002	0,008	0,084	FALSE
-0,089	0,288	-0,002	0,009	0,076	FALSE
-0,054	0,306	-0,001	0,013	0,027	FALSE
0,129	0,281	0,003	0,009	0,123	FALSE
0,181	0,278	0,005	0,009	0,227	FALSE
-0,075	0,293	-0,003	0,009	0,133	FALSE
0,062	0,284	0,002	0,008	0,112	FALSE
0,016	0,292	-0,001	0,007	0,024	FALSE
0,080	0,288	0,004	0,012	0,137	FALSE
-0,119	0,290	-0,004	0,009	0,217	FALSE
-0,076	0,296	-0,002	0,007	0,108	FALSE
0,013	0,297	0,000	0,007	0,000	FALSE
0,000	0,280	0,000	0,009	0,016	FALSE
-0,035	0,293	-0,001	0,007	0,079	FALSE
-0,145	0,290	-0,003	0,007	0,166	FALSE
0,112	0,286	0,006	0,013	0,190	FALSE
-0,004	0,302	-0,001	0,012	0,028	FALSE
-0,052	0,286	-0,001	0,011	0,046	FALSE

0,007	0,282	0,000	0,010	0,016	FALSE
0,100	0,288	0,003	0,009	0,112	FALSE
0,018	0,284	0,000	0,007	0,024	FALSE
-0,126	0,285	-0,004	0,013	0,138	FALSE
0,002	0,292	0,000	0,007	0,009	FALSE
-0,047	0,286	0,001	0,013	0,026	FALSE
-0,033	0,305	-0,001	0,007	0,054	FALSE
0,109	0,284	0,004	0,008	0,208	FALSE
0,035	0,288	0,000	0,009	0,013	FALSE
0,192	0,278	0,005	0,006	0,381	FALSE
-0,058	0,299	-0,002	0,012	0,064	FALSE
-0,075	0,298	-0,003	0,012	0,099	FALSE
0,092	0,288	0,003	0,012	0,106	FALSE
0,139	0,294	0,003	0,007	0,161	FALSE
0,133	0,296	0,002	0,006	0,135	FALSE
-0,018	0,289	0,000	0,007	0,002	FALSE
0,044	0,279	0,001	0,006	0,094	FALSE
0,069	0,300	0,001	0,012	0,019	FALSE
0,086	0,282	0,002	0,008	0,125	FALSE
-0,153	0,297	-0,005	0,011	0,179	FALSE
-0,200	0,279	-0,007	0,011	0,276	FALSE
0,009	0,286	0,002	0,012	0,065	FALSE
0,135	0,283	0,004	0,012	0,131	FALSE
0,035	0,299	0,003	0,013	0,075	FALSE
0,122	0,292	0,004	0,009	0,187	FALSE
-0,005	0,295	0,000	0,007	0,004	FALSE
0,007	0,281	0,002	0,013	0,051	FALSE
-0,044	0,284	-0,002	0,008	0,083	FALSE
0,109	0,294	0,002	0,008	0,120	FALSE
0,065	0,292	0,002	0,007	0,128	FALSE
-0,065	0,291	-0,003	0,010	0,120	FALSE
0,166	0,287	0,004	0,008	0,182	FALSE
0,063	0,291	0,002	0,007	0,122	FALSE
0,039	0,303	0,002	0,008	0,083	FALSE
0,014	0,287	0,000	0,011	0,015	FALSE
-0,027	0,292	0,000	0,008	0,012	FALSE
-0,002	0,294	-0,001	0,013	0,040	FALSE
-0,030	0,293	-0,001	0,011	0,026	FALSE
0,118	0,284	0,003	0,013	0,096	FALSE
0,114	0,285	0,002	0,013	0,066	FALSE
0,043	0,290	0,002	0,011	0,085	FALSE
0,138	0,280	0,002	0,007	0,131	FALSE
-0,020	0,266	0,001	0,011	0,045	FALSE
-0,004	0,293	0,001	0,009	0,020	FALSE
-0,132	0,295	-0,004	0,008	0,220	FALSE
0,055	0,290	0,001	0,009	0,046	FALSE
-0,107	0,302	-0,004	0,014	0,123	FALSE
0,075	0,299	0,002	0,007	0,094	FALSE
-0,032	0,289	-0,001	0,008	0,036	FALSE
-0,001	0,293	0,000	0,008	0,018	FALSE
0,059	0,292	0,002	0,008	0,075	FALSE
0,187	0,285	0,006	0,009	0,322	FALSE
-0,037	0,294	-0,004	0,012	0,117	FALSE

0,019	0,289	0,001	0,008	0,040	FALSE
0,064	0,297	0,002	0,013	0,064	FALSE
0,026	0,296	0,002	0,012	0,065	FALSE
0,043	0,297	0,003	0,012	0,082	FALSE
0,062	0,274	0,001	0,008	0,052	FALSE
0,101	0,305	0,002	0,008	0,111	FALSE
-0,108	0,275	-0,003	0,009	0,126	FALSE
0,201	0,280	0,006	0,009	0,325	FALSE
0,140	0,292	0,002	0,007	0,136	FALSE
0,056	0,284	0,001	0,006	0,048	FALSE
0,042	0,300	0,001	0,009	0,056	FALSE
-0,133	0,293	-0,005	0,012	0,167	FALSE
0,097	0,280	0,005	0,012	0,166	FALSE
0,008	0,286	-0,001	0,008	0,053	FALSE
0,030	0,290	0,000	0,008	0,004	FALSE
0,141	0,280	0,005	0,008	0,249	FALSE
0,057	0,299	0,002	0,009	0,084	FALSE
0,170	0,288	0,004	0,007	0,257	FALSE
0,153	0,299	0,004	0,009	0,212	FALSE
-0,159	0,292	-0,004	0,008	0,174	FALSE
0,150	0,294	0,005	0,010	0,203	FALSE
0,000	0,282	0,001	0,006	0,046	FALSE
0,020	0,292	0,000	0,010	0,006	FALSE
0,139	0,286	0,002	0,007	0,123	FALSE
0,070	0,293	0,003	0,010	0,103	FALSE
0,164	0,285	0,008	0,012	0,282	FALSE
0,158	0,298	0,008	0,012	0,264	FALSE
0,113	0,291	0,004	0,011	0,165	FALSE
-0,182	0,281	-0,005	0,009	0,232	FALSE
-0,025	0,297	-0,001	0,008	0,051	FALSE
-0,124	0,290	-0,004	0,009	0,203	FALSE
-0,025	0,288	0,000	0,012	0,012	FALSE
-0,080	0,291	-0,002	0,012	0,074	FALSE
-0,076	0,301	-0,002	0,012	0,075	FALSE
-0,006	0,290	0,000	0,007	0,003	FALSE
-0,018	0,277	-0,001	0,010	0,029	FALSE
-0,050	0,292	-0,002	0,013	0,060	FALSE
0,056	0,283	0,001	0,007	0,044	FALSE
0,066	0,297	0,001	0,007	0,046	FALSE
0,003	0,287	0,000	0,009	0,004	FALSE
-0,013	0,296	-0,001	0,009	0,023	FALSE
-0,003	0,294	0,000	0,006	0,004	FALSE
0,141	0,290	0,002	0,006	0,142	FALSE
0,055	0,295	0,002	0,011	0,058	FALSE
0,052	0,285	0,002	0,011	0,080	FALSE
-0,128	0,287	-0,004	0,008	0,211	FALSE
0,034	0,286	0,001	0,006	0,063	FALSE
0,107	0,301	0,001	0,008	0,068	FALSE
0,090	0,296	0,001	0,007	0,083	FALSE
0,121	0,288	0,001	0,008	0,058	FALSE
0,017	0,292	0,001	0,010	0,043	FALSE
0,024	0,287	0,002	0,011	0,060	FALSE
0,133	0,275	0,003	0,010	0,122	FALSE

-0,057	0,282	0,000	0,009	0,018	FALSE
0,020	0,289	0,001	0,012	0,021	FALSE
-0,017	0,293	-0,001	0,009	0,052	FALSE
-0,025	0,280	-0,002	0,010	0,079	FALSE
-0,159	0,271	-0,004	0,008	0,203	FALSE
-0,018	0,289	-0,001	0,007	0,038	FALSE
-0,097	0,281	-0,004	0,012	0,127	FALSE
-0,051	0,285	0,000	0,008	0,020	FALSE
-0,017	0,299	-0,001	0,012	0,040	FALSE
-0,025	0,278	0,001	0,012	0,031	FALSE
0,124	0,300	0,002	0,007	0,144	FALSE
0,102	0,282	0,001	0,006	0,089	FALSE
-0,086	0,290	-0,003	0,007	0,138	FALSE
-0,040	0,299	-0,003	0,008	0,121	FALSE
0,007	0,286	0,001	0,007	0,039	FALSE
0,125	0,287	0,002	0,006	0,141	FALSE
-0,036	0,285	-0,001	0,008	0,029	FALSE
-0,072	0,285	-0,005	0,010	0,213	FALSE
-0,081	0,283	-0,003	0,011	0,126	FALSE
0,043	0,283	0,004	0,012	0,127	FALSE
0,053	0,304	0,000	0,008	0,014	FALSE
0,112	0,289	0,004	0,011	0,134	FALSE
0,053	0,292	0,002	0,011	0,063	FALSE
0,194	0,279	0,004	0,007	0,242	FALSE
-0,159	0,286	-0,004	0,008	0,190	FALSE
-0,007	0,286	-0,001	0,011	0,033	FALSE
0,093	0,285	0,003	0,012	0,099	FALSE
-0,100	0,291	-0,002	0,007	0,146	FALSE
0,031	0,286	0,000	0,010	0,014	FALSE
-0,206	0,277	-0,006	0,009	0,304	FALSE
0,075	0,280	0,002	0,012	0,049	FALSE
0,007	0,293	-0,001	0,009	0,031	FALSE
-0,004	0,274	-0,001	0,012	0,015	FALSE
0,042	0,286	0,001	0,010	0,040	FALSE
-0,075	0,297	-0,003	0,008	0,163	FALSE
-0,084	0,301	-0,004	0,008	0,186	FALSE
0,184	0,282	0,007	0,009	0,346	FALSE
0,007	0,301	-0,001	0,013	0,035	FALSE
0,101	0,304	0,002	0,006	0,101	FALSE
-0,037	0,290	-0,001	0,009	0,051	FALSE
0,081	0,285	0,005	0,013	0,148	FALSE
0,079	0,286	0,003	0,012	0,110	FALSE
-0,068	0,290	-0,001	0,009	0,049	FALSE
0,005	0,287	0,001	0,012	0,033	FALSE
-0,087	0,299	-0,003	0,010	0,109	FALSE
-0,019	0,304	-0,001	0,008	0,042	FALSE
0,020	0,277	-0,002	0,008	0,069	FALSE
-0,021	0,293	-0,001	0,009	0,047	FALSE
0,021	0,279	0,001	0,010	0,039	FALSE
0,019	0,299	-0,001	0,009	0,025	FALSE
0,062	0,284	0,002	0,008	0,081	FALSE
0,097	0,282	0,002	0,010	0,074	FALSE
-0,106	0,280	-0,002	0,006	0,092	FALSE

0,114	0,274	0,003	0,010	0,094	FALSE
0,113	0,289	0,002	0,006	0,135	FALSE
-0,047	0,274	-0,001	0,007	0,071	FALSE
0,024	0,295	0,000	0,011	0,004	FALSE
-0,032	0,290	-0,001	0,009	0,042	FALSE
-0,068	0,291	-0,006	0,013	0,172	FALSE
0,101	0,299	0,002	0,007	0,076	FALSE
-0,091	0,282	-0,002	0,009	0,075	FALSE
-0,109	0,291	-0,003	0,010	0,127	FALSE
-0,083	0,294	-0,005	0,012	0,152	FALSE
0,076	0,302	0,001	0,007	0,029	FALSE
-0,021	0,288	0,000	0,007	0,004	FALSE
0,047	0,297	0,001	0,008	0,061	FALSE
-0,087	0,274	-0,002	0,006	0,119	FALSE
0,065	0,295	0,002	0,008	0,092	FALSE
-0,119	0,278	-0,002	0,007	0,082	FALSE
-0,099	0,280	-0,001	0,008	0,056	FALSE
0,047	0,296	0,001	0,007	0,033	FALSE
-0,034	0,300	0,000	0,007	0,011	FALSE
-0,021	0,281	0,000	0,006	0,003	FALSE
-0,114	0,289	-0,003	0,013	0,083	FALSE
0,076	0,293	0,002	0,013	0,067	FALSE
-0,007	0,297	0,000	0,008	0,000	FALSE
0,161	0,302	0,004	0,009	0,182	FALSE
0,036	0,292	0,001	0,013	0,037	FALSE
0,085	0,279	0,003	0,012	0,107	FALSE
-0,106	0,270	-0,006	0,013	0,193	FALSE
0,055	0,287	0,001	0,010	0,023	FALSE
0,010	0,285	-0,002	0,013	0,059	FALSE
0,025	0,282	0,001	0,007	0,052	FALSE
0,006	0,295	0,000	0,006	0,023	FALSE
0,013	0,295	0,001	0,007	0,032	FALSE
0,100	0,282	0,004	0,011	0,153	FALSE
0,030	0,290	0,002	0,007	0,108	FALSE
0,068	0,294	0,004	0,012	0,113	FALSE
-0,121	0,297	-0,005	0,012	0,180	FALSE
-0,023	0,295	-0,001	0,007	0,034	FALSE
0,160	0,283	0,005	0,009	0,242	FALSE
0,118	0,301	0,004	0,011	0,166	FALSE
-0,080	0,290	-0,002	0,008	0,068	FALSE
-0,134	0,272	-0,002	0,007	0,145	FALSE
-0,019	0,286	-0,003	0,012	0,111	FALSE
-0,117	0,288	-0,003	0,007	0,147	FALSE
-0,087	0,290	-0,001	0,007	0,072	FALSE
0,082	0,290	0,001	0,006	0,071	FALSE
0,103	0,289	0,005	0,010	0,191	FALSE
-0,071	0,280	-0,003	0,008	0,151	FALSE
-0,086	0,285	-0,002	0,008	0,103	FALSE
0,115	0,285	0,006	0,013	0,183	FALSE
0,040	0,294	0,001	0,013	0,034	FALSE
0,068	0,289	0,003	0,012	0,110	FALSE
0,106	0,294	0,006	0,012	0,189	FALSE
-0,025	0,293	-0,001	0,013	0,023	FALSE

0,127	0,283	0,003	0,011	0,104	FALSE
-0,080	0,291	-0,003	0,008	0,172	FALSE
0,057	0,289	0,001	0,008	0,060	FALSE
-0,035	0,283	0,001	0,008	0,029	FALSE
-0,031	0,291	-0,001	0,007	0,036	FALSE
0,177	0,269	0,006	0,008	0,364	FALSE
0,018	0,301	-0,001	0,009	0,035	FALSE
-0,171	0,280	-0,005	0,008	0,289	FALSE
-0,010	0,295	-0,001	0,012	0,031	FALSE
0,037	0,276	0,003	0,012	0,095	FALSE
0,077	0,290	0,004	0,012	0,123	FALSE
-0,031	0,293	-0,001	0,011	0,044	FALSE
-0,197	0,275	-0,009	0,012	0,349	FALSE
-0,184	0,276	-0,008	0,012	0,314	FALSE
-0,041	0,298	-0,001	0,013	0,036	FALSE
0,005	0,287	0,001	0,013	0,035	FALSE
0,127	0,266	0,003	0,006	0,213	FALSE
-0,070	0,298	-0,002	0,012	0,074	FALSE
0,111	0,293	0,005	0,012	0,173	FALSE
0,060	0,288	0,003	0,010	0,120	FALSE
-0,021	0,298	0,001	0,011	0,019	FALSE
-0,027	0,284	0,000	0,008	0,021	FALSE
-0,067	0,286	-0,002	0,007	0,139	FALSE
-0,062	0,287	-0,001	0,009	0,023	FALSE
0,022	0,295	0,001	0,006	0,038	FALSE
0,173	0,276	0,007	0,012	0,259	FALSE
0,137	0,287	0,006	0,013	0,186	FALSE
-0,140	0,282	-0,007	0,012	0,257	FALSE
-0,044	0,285	-0,002	0,010	0,077	FALSE
0,018	0,281	0,000	0,012	0,014	FALSE
-0,076	0,282	-0,002	0,008	0,118	FALSE
0,036	0,297	0,002	0,008	0,102	FALSE
-0,036	0,308	-0,001	0,007	0,059	FALSE
-0,101	0,286	-0,002	0,007	0,088	FALSE
-0,177	0,286	-0,007	0,011	0,263	FALSE
0,011	0,289	0,000	0,009	0,017	FALSE
-0,014	0,301	0,000	0,006	0,014	FALSE
-0,048	0,287	-0,001	0,007	0,058	FALSE
0,052	0,292	0,002	0,012	0,046	FALSE
0,023	0,301	0,001	0,006	0,060	FALSE
0,097	0,295	0,003	0,009	0,109	FALSE
0,098	0,286	0,005	0,013	0,148	FALSE
0,067	0,277	0,002	0,011	0,070	FALSE
0,092	0,282	0,002	0,008	0,074	FALSE
-0,154	0,293	-0,005	0,010	0,232	FALSE
-0,012	0,292	0,000	0,007	0,009	FALSE
0,070	0,294	0,002	0,009	0,102	FALSE
0,009	0,296	-0,001	0,007	0,036	FALSE
-0,098	0,285	-0,002	0,007	0,116	FALSE
-0,079	0,287	-0,003	0,009	0,107	FALSE
0,076	0,275	0,003	0,010	0,142	FALSE
0,044	0,295	0,000	0,011	0,015	FALSE
-0,022	0,286	0,000	0,006	0,024	FALSE

0,117	0,277	0,003	0,012	0,109	FALSE
0,045	0,286	0,000	0,007	0,023	FALSE
-0,027	0,291	0,000	0,012	0,003	FALSE
-0,010	0,288	-0,001	0,012	0,021	FALSE
0,110	0,283	0,003	0,010	0,097	FALSE
0,079	0,286	0,006	0,013	0,182	FALSE
-0,050	0,282	-0,002	0,006	0,105	FALSE
0,084	0,288	0,001	0,007	0,065	FALSE
0,012	0,290	0,003	0,011	0,104	FALSE
0,095	0,293	0,003	0,007	0,187	FALSE
-0,163	0,296	-0,007	0,012	0,234	FALSE
-0,017	0,299	0,000	0,007	0,023	FALSE
0,032	0,297	0,001	0,010	0,042	FALSE
-0,057	0,303	-0,002	0,013	0,047	FALSE
0,061	0,303	0,003	0,011	0,108	FALSE
0,076	0,284	0,002	0,012	0,064	FALSE
-0,013	0,287	0,001	0,008	0,044	FALSE
0,031	0,295	-0,001	0,009	0,020	FALSE
0,005	0,296	0,000	0,009	0,009	FALSE
-0,106	0,287	-0,005	0,013	0,163	FALSE
0,053	0,278	0,001	0,008	0,065	FALSE
-0,069	0,273	0,000	0,013	0,007	FALSE
0,014	0,275	-0,001	0,010	0,039	FALSE
-0,013	0,281	-0,002	0,010	0,079	FALSE
0,085	0,290	0,004	0,011	0,141	FALSE
0,118	0,293	0,003	0,011	0,094	FALSE
-0,025	0,283	-0,001	0,012	0,043	FALSE
0,042	0,301	-0,001	0,008	0,033	FALSE
-0,119	0,283	-0,004	0,011	0,171	FALSE
0,072	0,283	0,004	0,013	0,103	FALSE
0,060	0,272	0,004	0,013	0,111	FALSE
0,047	0,289	0,001	0,007	0,056	FALSE
-0,163	0,281	-0,004	0,007	0,240	FALSE
0,105	0,304	0,003	0,009	0,143	FALSE
-0,112	0,291	-0,002	0,007	0,139	FALSE
-0,024	0,296	-0,001	0,008	0,032	FALSE
-0,097	0,292	-0,003	0,008	0,130	FALSE
0,007	0,275	-0,001	0,006	0,073	FALSE
-0,150	0,272	-0,005	0,008	0,281	FALSE
-0,283	0,263	-0,007	0,008	0,435	FALSE
0,008	0,284	0,001	0,013	0,023	FALSE
0,105	0,285	0,003	0,008	0,152	FALSE
-0,003	0,295	-0,001	0,013	0,018	FALSE
-0,001	0,289	-0,001	0,007	0,051	FALSE
-0,037	0,286	-0,001	0,009	0,032	FALSE
0,001	0,287	0,000	0,007	0,020	FALSE
0,067	0,299	0,001	0,009	0,052	FALSE
-0,018	0,296	0,000	0,009	0,004	FALSE
0,033	0,298	0,001	0,007	0,060	FALSE
0,073	0,291	0,000	0,011	0,008	FALSE
-0,079	0,287	-0,001	0,007	0,054	FALSE
-0,092	0,297	-0,002	0,007	0,096	FALSE
0,046	0,267	0,001	0,011	0,051	FALSE

0,001	0,281	-0,001	0,009	0,028	FALSE
0,059	0,292	0,001	0,007	0,026	FALSE
0,091	0,288	0,003	0,009	0,114	FALSE
0,005	0,294	0,001	0,010	0,025	FALSE
0,141	0,298	0,003	0,008	0,190	FALSE
-0,011	0,299	0,000	0,013	0,004	FALSE
-0,019	0,300	0,000	0,012	0,013	FALSE
-0,030	0,281	-0,002	0,012	0,070	FALSE
-0,023	0,299	0,000	0,010	0,017	FALSE
-0,108	0,302	-0,002	0,007	0,128	FALSE
0,048	0,294	0,002	0,011	0,053	FALSE
0,092	0,293	0,003	0,012	0,107	FALSE
-0,002	0,298	0,000	0,010	0,013	FALSE
-0,074	0,285	-0,002	0,007	0,116	FALSE
-0,002	0,287	0,001	0,012	0,040	FALSE
-0,059	0,289	-0,002	0,009	0,082	FALSE
0,082	0,286	0,001	0,007	0,071	FALSE
-0,167	0,285	-0,005	0,009	0,282	FALSE
0,051	0,288	0,002	0,009	0,066	FALSE
0,054	0,280	0,002	0,013	0,047	FALSE
0,034	0,283	0,001	0,013	0,022	FALSE
-0,047	0,289	-0,001	0,009	0,042	FALSE
-0,006	0,287	-0,001	0,007	0,071	FALSE
-0,056	0,287	-0,001	0,007	0,054	FALSE
0,072	0,285	0,004	0,012	0,118	FALSE
-0,131	0,286	-0,003	0,007	0,148	FALSE
0,008	0,281	0,001	0,008	0,049	FALSE
0,091	0,284	0,002	0,007	0,145	FALSE
0,053	0,298	0,001	0,008	0,070	FALSE
0,111	0,298	0,005	0,011	0,211	FALSE
-0,106	0,270	-0,003	0,006	0,183	FALSE
0,029	0,279	-0,001	0,006	0,030	FALSE
0,082	0,289	0,004	0,011	0,148	FALSE
-0,074	0,293	-0,004	0,013	0,127	FALSE
-0,146	0,300	-0,007	0,013	0,211	FALSE
0,036	0,303	0,001	0,011	0,039	FALSE
0,038	0,285	0,002	0,012	0,063	FALSE
0,057	0,286	0,001	0,007	0,055	FALSE
0,032	0,299	0,001	0,012	0,039	FALSE
0,020	0,296	-0,001	0,008	0,038	FALSE
-0,052	0,300	-0,001	0,007	0,030	FALSE
-0,081	0,294	-0,004	0,011	0,148	FALSE
-0,049	0,293	-0,002	0,008	0,085	FALSE
-0,064	0,288	-0,002	0,008	0,082	FALSE
0,074	0,294	0,002	0,007	0,091	FALSE
-0,107	0,277	-0,002	0,007	0,121	FALSE
-0,068	0,291	-0,002	0,009	0,098	FALSE
0,027	0,281	0,001	0,007	0,039	FALSE
-0,068	0,289	-0,002	0,007	0,105	FALSE
-0,092	0,293	-0,001	0,008	0,054	FALSE
-0,016	0,295	0,000	0,010	0,002	FALSE
-0,183	0,270	-0,007	0,009	0,344	FALSE
-0,066	0,281	-0,001	0,007	0,042	FALSE

0,048	0,294	0,001	0,009	0,028	FALSE
0,005	0,296	0,001	0,010	0,039	FALSE
0,044	0,286	0,001	0,009	0,054	FALSE
0,064	0,301	0,002	0,007	0,094	FALSE
-0,007	0,282	0,002	0,011	0,076	FALSE
-0,098	0,272	-0,001	0,007	0,043	FALSE
0,013	0,302	0,001	0,013	0,035	FALSE
-0,047	0,273	-0,005	0,012	0,172	FALSE
-0,023	0,285	0,001	0,007	0,036	FALSE
-0,004	0,282	0,000	0,007	0,008	FALSE
-0,003	0,300	0,000	0,008	0,005	FALSE
-0,039	0,288	-0,001	0,012	0,030	FALSE
0,022	0,294	0,000	0,006	0,016	FALSE
-0,099	0,277	-0,003	0,007	0,168	FALSE
-0,095	0,284	-0,003	0,012	0,091	FALSE
-0,093	0,287	0,000	0,011	0,001	FALSE
-0,104	0,278	-0,001	0,010	0,028	FALSE
-0,176	0,274	-0,004	0,009	0,150	FALSE
0,032	0,282	0,001	0,007	0,032	FALSE
0,035	0,280	0,001	0,009	0,041	FALSE
-0,143	0,268	-0,007	0,012	0,245	FALSE
0,159	0,269	0,007	0,012	0,237	FALSE
0,016	0,288	0,000	0,012	0,002	FALSE
0,037	0,289	0,000	0,007	0,004	FALSE
-0,101	0,290	-0,003	0,008	0,167	FALSE
-0,010	0,281	-0,002	0,012	0,054	FALSE
0,118	0,296	0,002	0,007	0,125	FALSE
0,044	0,296	0,000	0,007	0,015	FALSE
-0,048	0,290	-0,001	0,008	0,030	FALSE
-0,067	0,289	-0,001	0,009	0,050	FALSE
-0,043	0,286	-0,004	0,013	0,110	FALSE
-0,111	0,270	-0,006	0,012	0,188	FALSE
-0,089	0,280	-0,004	0,010	0,164	FALSE
0,113	0,269	0,004	0,009	0,202	FALSE
0,118	0,279	0,006	0,012	0,222	FALSE
0,123	0,291	0,005	0,009	0,227	FALSE
0,040	0,284	0,004	0,013	0,119	FALSE
0,034	0,289	0,003	0,010	0,134	FALSE
0,077	0,287	0,000	0,007	0,005	FALSE
0,058	0,293	0,002	0,012	0,068	FALSE
0,003	0,296	0,000	0,011	0,001	FALSE
0,119	0,290	0,005	0,012	0,173	FALSE
0,123	0,297	0,006	0,013	0,208	FALSE
-0,050	0,292	-0,003	0,013	0,074	FALSE
-0,093	0,295	-0,004	0,013	0,131	FALSE
0,105	0,293	0,001	0,007	0,070	FALSE
0,076	0,287	0,001	0,006	0,074	FALSE
-0,118	0,282	-0,002	0,006	0,161	FALSE
-0,108	0,292	-0,002	0,007	0,118	FALSE
0,083	0,292	0,005	0,012	0,186	FALSE
-0,035	0,296	-0,002	0,007	0,103	FALSE
0,016	0,282	0,001	0,007	0,041	FALSE
0,002	0,305	0,001	0,011	0,016	FALSE

0,062	0,292	0,003	0,011	0,096	FALSE
-0,042	0,292	-0,003	0,013	0,083	FALSE
-0,138	0,278	-0,004	0,012	0,142	FALSE
-0,039	0,295	-0,001	0,008	0,034	FALSE
-0,021	0,304	-0,001	0,012	0,030	FALSE
-0,115	0,293	-0,004	0,013	0,133	FALSE
-0,130	0,275	-0,002	0,008	0,078	FALSE
0,084	0,283	0,001	0,006	0,093	FALSE
0,023	0,299	0,001	0,007	0,068	FALSE
0,001	0,286	-0,001	0,009	0,049	FALSE
0,001	0,292	-0,002	0,012	0,067	FALSE
0,034	0,292	0,000	0,013	0,007	FALSE
0,073	0,293	0,003	0,012	0,110	FALSE
0,069	0,285	0,003	0,010	0,094	FALSE
0,120	0,287	0,004	0,008	0,214	FALSE
0,104	0,292	0,004	0,011	0,131	FALSE
0,001	0,288	-0,003	0,011	0,124	FALSE
0,235	0,288	0,005	0,007	0,348	FALSE
0,069	0,285	0,001	0,006	0,053	FALSE
-0,009	0,292	0,000	0,007	0,008	FALSE
0,035	0,291	0,000	0,010	0,011	FALSE
0,033	0,289	0,000	0,010	0,016	FALSE
-0,211	0,291	-0,008	0,012	0,295	FALSE
0,077	0,284	0,004	0,010	0,145	FALSE
0,093	0,300	0,002	0,013	0,055	FALSE
0,160	0,285	0,003	0,008	0,175	FALSE
0,137	0,277	0,005	0,010	0,234	FALSE
0,008	0,286	0,001	0,007	0,035	FALSE
-0,015	0,283	-0,001	0,006	0,031	FALSE
-0,055	0,280	-0,001	0,006	0,077	FALSE
0,007	0,300	0,001	0,013	0,036	FALSE
0,038	0,289	0,002	0,013	0,047	FALSE
0,091	0,287	0,002	0,008	0,084	FALSE
0,061	0,274	0,003	0,012	0,085	FALSE
-0,072	0,277	-0,001	0,006	0,066	FALSE
0,017	0,288	0,001	0,007	0,029	FALSE
0,039	0,282	0,002	0,008	0,078	FALSE
0,006	0,278	0,001	0,008	0,026	FALSE
0,074	0,290	0,002	0,007	0,126	FALSE
0,087	0,292	0,002	0,008	0,068	FALSE
0,115	0,272	0,002	0,009	0,102	FALSE
-0,192	0,285	-0,007	0,010	0,306	FALSE
-0,100	0,300	-0,003	0,012	0,092	FALSE
0,024	0,292	0,001	0,007	0,033	FALSE
0,043	0,291	0,002	0,008	0,098	FALSE
0,038	0,299	0,002	0,009	0,107	FALSE
0,007	0,281	0,000	0,012	0,004	FALSE
-0,022	0,288	0,000	0,011	0,012	FALSE
-0,122	0,290	-0,005	0,011	0,197	FALSE
0,078	0,303	0,001	0,009	0,046	FALSE
0,008	0,290	0,000	0,011	0,010	FALSE
0,093	0,282	0,004	0,012	0,122	FALSE
-0,114	0,283	-0,002	0,007	0,134	FALSE

0,018	0,294	0,002	0,012	0,052	FALSE
-0,003	0,302	0,000	0,009	0,006	FALSE
0,022	0,307	0,000	0,012	0,010	FALSE
0,125	0,294	0,004	0,011	0,146	FALSE
0,072	0,298	0,002	0,011	0,051	FALSE
0,099	0,295	0,002	0,010	0,086	FALSE
0,003	0,303	0,000	0,008	0,018	FALSE
0,085	0,292	0,001	0,008	0,024	FALSE
0,134	0,286	0,004	0,007	0,235	FALSE
0,118	0,294	0,002	0,006	0,163	FALSE
-0,066	0,269	-0,001	0,007	0,060	FALSE
-0,009	0,298	0,000	0,011	0,008	FALSE
0,051	0,292	0,002	0,007	0,120	FALSE
-0,004	0,299	0,000	0,008	0,018	FALSE
-0,119	0,280	-0,004	0,007	0,227	FALSE
-0,013	0,283	0,000	0,008	0,021	FALSE
-0,096	0,299	-0,002	0,009	0,103	FALSE
0,085	0,295	0,000	0,006	0,011	FALSE
-0,052	0,296	-0,002	0,009	0,063	FALSE
0,055	0,292	0,001	0,008	0,061	FALSE
-0,136	0,286	-0,004	0,009	0,172	FALSE
-0,109	0,289	-0,003	0,009	0,162	FALSE
0,022	0,300	0,001	0,008	0,036	FALSE
0,005	0,298	-0,001	0,008	0,026	FALSE
-0,006	0,298	-0,001	0,010	0,045	FALSE
-0,093	0,297	-0,005	0,012	0,165	FALSE
-0,029	0,289	-0,002	0,011	0,075	FALSE
-0,013	0,291	0,000	0,007	0,008	FALSE
0,008	0,295	0,000	0,009	0,016	FALSE
0,013	0,307	-0,001	0,008	0,051	FALSE
-0,110	0,288	-0,002	0,007	0,128	FALSE
-0,043	0,291	-0,002	0,013	0,049	FALSE
0,078	0,289	0,005	0,013	0,162	FALSE
0,032	0,286	0,001	0,007	0,030	FALSE
-0,078	0,289	-0,003	0,010	0,129	FALSE
0,029	0,298	0,001	0,007	0,052	FALSE
0,036	0,293	0,001	0,009	0,043	FALSE
-0,143	0,296	-0,005	0,012	0,158	FALSE
0,100	0,290	0,005	0,011	0,187	FALSE
-0,037	0,295	-0,001	0,011	0,050	FALSE
-0,120	0,291	-0,003	0,008	0,162	FALSE
0,054	0,285	0,003	0,011	0,098	FALSE
-0,114	0,285	-0,003	0,006	0,185	FALSE
0,152	0,278	0,005	0,012	0,164	FALSE
0,042	0,294	0,002	0,012	0,055	FALSE
-0,080	0,287	-0,003	0,011	0,117	FALSE
-0,110	0,290	-0,003	0,007	0,153	FALSE
-0,133	0,301	-0,004	0,011	0,128	FALSE
-0,009	0,296	-0,001	0,008	0,056	FALSE
0,019	0,300	0,000	0,007	0,013	FALSE
0,013	0,292	0,000	0,008	0,022	FALSE
0,043	0,298	0,001	0,007	0,055	FALSE
0,017	0,298	0,001	0,007	0,055	FALSE

-0,051	0,281	-0,001	0,007	0,034	FALSE
0,002	0,288	0,000	0,007	0,009	FALSE
0,001	0,299	0,000	0,007	0,009	FALSE
-0,105	0,297	-0,003	0,009	0,151	FALSE
0,020	0,293	0,000	0,010	0,006	FALSE
-0,094	0,290	-0,002	0,006	0,157	FALSE
-0,026	0,286	-0,001	0,012	0,040	FALSE
0,012	0,298	0,000	0,013	0,001	FALSE
-0,034	0,285	-0,002	0,009	0,067	FALSE
-0,047	0,280	0,000	0,009	0,018	FALSE
0,072	0,296	0,002	0,013	0,056	FALSE
-0,009	0,293	0,002	0,010	0,072	FALSE
0,035	0,287	0,000	0,010	0,014	FALSE
0,106	0,296	0,002	0,007	0,119	FALSE
-0,063	0,286	-0,002	0,011	0,076	FALSE
-0,136	0,288	-0,005	0,010	0,214	FALSE
-0,091	0,300	-0,003	0,010	0,103	FALSE
-0,008	0,286	0,000	0,007	0,014	FALSE
0,026	0,293	0,001	0,008	0,039	FALSE
-0,062	0,280	-0,002	0,007	0,089	FALSE
0,039	0,288	0,000	0,009	0,007	FALSE
0,021	0,291	0,002	0,011	0,052	FALSE
-0,010	0,289	0,000	0,010	0,003	FALSE
-0,005	0,295	0,000	0,011	0,009	FALSE
-0,065	0,287	-0,003	0,007	0,153	FALSE
-0,037	0,274	-0,005	0,011	0,167	FALSE
-0,153	0,281	-0,005	0,011	0,174	FALSE
-0,040	0,287	-0,002	0,008	0,128	FALSE
-0,112	0,302	-0,003	0,008	0,131	FALSE
0,003	0,289	-0,002	0,011	0,053	FALSE
0,043	0,297	-0,001	0,007	0,027	FALSE
0,151	0,286	0,005	0,008	0,239	FALSE
0,087	0,293	0,004	0,013	0,105	FALSE
-0,008	0,296	-0,002	0,008	0,088	FALSE
-0,036	0,295	-0,001	0,011	0,019	FALSE
-0,057	0,278	0,000	0,007	0,020	FALSE
0,134	0,286	0,003	0,010	0,122	FALSE
0,073	0,285	0,004	0,010	0,139	FALSE
0,071	0,292	0,003	0,011	0,117	FALSE
-0,043	0,301	-0,003	0,013	0,083	FALSE
-0,079	0,285	-0,002	0,008	0,075	FALSE
0,010	0,298	-0,001	0,010	0,050	FALSE
-0,059	0,292	-0,001	0,009	0,019	FALSE
0,152	0,289	0,006	0,011	0,227	FALSE
-0,112	0,295	-0,006	0,013	0,201	FALSE
-0,188	0,273	-0,006	0,009	0,290	FALSE
-0,146	0,275	-0,005	0,010	0,211	FALSE
-0,168	0,273	-0,006	0,010	0,247	FALSE
-0,108	0,295	-0,004	0,008	0,193	FALSE
-0,100	0,274	-0,001	0,009	0,057	FALSE
0,090	0,288	0,004	0,009	0,168	FALSE
0,027	0,284	0,001	0,007	0,050	FALSE
-0,040	0,290	-0,001	0,007	0,056	FALSE

-0,075	0,303	-0,002	0,008	0,104	FALSE
0,125	0,285	0,004	0,006	0,287	FALSE
-0,012	0,269	0,001	0,012	0,018	FALSE
0,066	0,284	0,002	0,006	0,102	FALSE
0,002	0,300	0,000	0,007	0,009	FALSE
-0,151	0,275	-0,003	0,007	0,208	FALSE
0,049	0,294	0,003	0,012	0,097	FALSE
-0,001	0,285	-0,002	0,009	0,089	FALSE
0,023	0,292	0,002	0,012	0,071	FALSE
-0,056	0,286	-0,003	0,010	0,094	FALSE
0,234	0,276	0,011	0,012	0,450	FALSE
0,004	0,295	0,000	0,008	0,002	FALSE
-0,020	0,289	-0,002	0,007	0,100	FALSE
-0,088	0,291	-0,003	0,007	0,204	FALSE
-0,089	0,282	-0,002	0,013	0,046	FALSE
0,112	0,296	0,004	0,010	0,170	FALSE
0,022	0,298	0,004	0,013	0,119	FALSE
-0,002	0,294	0,000	0,013	0,001	FALSE
-0,001	0,302	0,000	0,012	0,004	FALSE
0,111	0,278	0,005	0,012	0,153	FALSE
0,076	0,295	0,002	0,013	0,063	FALSE
-0,103	0,278	-0,004	0,011	0,137	FALSE
0,035	0,298	0,001	0,012	0,033	FALSE
-0,095	0,303	-0,004	0,008	0,182	FALSE
-0,053	0,292	-0,001	0,006	0,091	FALSE
-0,028	0,272	-0,002	0,008	0,089	FALSE
0,037	0,300	0,002	0,009	0,091	FALSE
0,109	0,299	0,006	0,012	0,211	FALSE
-0,080	0,286	-0,001	0,010	0,049	FALSE
0,003	0,283	0,001	0,006	0,034	FALSE
0,089	0,294	0,001	0,007	0,030	FALSE
-0,154	0,282	-0,004	0,013	0,129	FALSE
0,004	0,288	0,000	0,013	0,007	FALSE
0,006	0,304	0,000	0,008	0,003	FALSE
0,072	0,285	0,003	0,009	0,151	FALSE
-0,039	0,282	0,000	0,006	0,016	FALSE
0,045	0,296	0,001	0,012	0,031	FALSE
-0,057	0,292	-0,001	0,008	0,066	FALSE
-0,111	0,304	-0,003	0,008	0,152	FALSE
0,131	0,289	0,004	0,011	0,136	FALSE
-0,066	0,290	-0,002	0,011	0,065	FALSE
-0,034	0,297	-0,001	0,009	0,024	FALSE
-0,072	0,280	-0,001	0,010	0,022	FALSE
0,157	0,287	0,004	0,009	0,218	FALSE
-0,015	0,280	-0,002	0,011	0,078	FALSE
-0,015	0,286	0,000	0,008	0,019	FALSE
-0,044	0,293	-0,001	0,007	0,036	FALSE
-0,068	0,283	-0,001	0,008	0,067	FALSE
-0,116	0,291	-0,003	0,006	0,210	FALSE
-0,063	0,295	-0,002	0,008	0,084	FALSE
-0,017	0,292	0,001	0,007	0,025	FALSE
-0,032	0,284	-0,001	0,012	0,030	FALSE
0,013	0,291	0,001	0,007	0,027	FALSE

0,063	0,291	0,001	0,007	0,048	FALSE
-0,188	0,275	-0,007	0,008	0,380	FALSE
0,020	0,292	0,001	0,007	0,036	FALSE
-0,004	0,283	0,001	0,012	0,019	FALSE
-0,086	0,277	-0,001	0,012	0,033	FALSE
-0,171	0,280	-0,004	0,008	0,222	FALSE
0,202	0,284	0,010	0,013	0,354	FALSE
0,084	0,304	0,003	0,012	0,108	FALSE
-0,106	0,284	-0,002	0,007	0,121	FALSE
-0,221	0,275	-0,004	0,007	0,276	FALSE
-0,013	0,297	-0,002	0,010	0,067	FALSE
-0,058	0,293	0,000	0,010	0,009	FALSE
0,126	0,279	0,006	0,011	0,219	FALSE
-0,061	0,288	-0,002	0,010	0,097	FALSE
0,012	0,299	0,001	0,010	0,036	FALSE
-0,082	0,287	-0,003	0,011	0,112	FALSE
0,001	0,291	0,000	0,008	0,022	FALSE
0,129	0,289	0,005	0,010	0,187	FALSE
-0,015	0,281	0,001	0,007	0,046	FALSE
0,052	0,290	0,004	0,012	0,123	FALSE
-0,138	0,289	-0,003	0,009	0,128	FALSE
-0,070	0,279	-0,003	0,007	0,148	FALSE
-0,031	0,278	-0,001	0,012	0,017	FALSE
-0,038	0,281	-0,001	0,010	0,019	FALSE
0,028	0,283	0,000	0,010	0,006	FALSE
-0,026	0,286	-0,001	0,008	0,048	FALSE
-0,148	0,288	-0,006	0,011	0,241	FALSE
0,032	0,295	0,000	0,008	0,019	FALSE
-0,070	0,292	-0,002	0,008	0,083	FALSE
-0,007	0,291	0,001	0,008	0,038	FALSE
0,024	0,292	-0,001	0,013	0,023	FALSE
0,034	0,288	0,001	0,008	0,025	FALSE
-0,189	0,273	-0,003	0,008	0,161	FALSE
-0,085	0,290	-0,004	0,013	0,111	FALSE
-0,070	0,314	-0,003	0,013	0,075	FALSE
0,158	0,281	0,006	0,011	0,224	FALSE
0,026	0,318	0,001	0,014	0,032	FALSE
-0,084	0,269	-0,002	0,009	0,094	FALSE
-0,023	0,297	-0,002	0,012	0,062	FALSE
-0,186	0,287	-0,004	0,006	0,269	FALSE
0,074	0,286	0,004	0,011	0,155	FALSE
-0,026	0,278	-0,001	0,011	0,030	FALSE
-0,114	0,290	-0,002	0,007	0,125	FALSE
0,117	0,285	0,004	0,012	0,131	FALSE
0,153	0,283	0,003	0,007	0,172	FALSE
-0,054	0,292	-0,003	0,012	0,087	FALSE
0,105	0,286	0,004	0,011	0,156	FALSE
-0,108	0,303	-0,005	0,012	0,156	FALSE
0,002	0,281	0,001	0,013	0,037	FALSE
0,012	0,295	0,000	0,007	0,014	FALSE
-0,042	0,278	-0,003	0,012	0,079	FALSE
-0,008	0,307	0,001	0,013	0,041	FALSE
-0,057	0,298	-0,001	0,013	0,025	FALSE

-0,092	0,289	-0,002	0,008	0,087	FALSE
-0,067	0,288	-0,003	0,010	0,117	FALSE
-0,104	0,293	-0,005	0,011	0,194	FALSE
-0,143	0,282	-0,004	0,009	0,178	FALSE
0,025	0,294	-0,001	0,007	0,027	FALSE
0,048	0,297	0,001	0,011	0,030	FALSE
0,063	0,272	0,001	0,012	0,039	FALSE
-0,105	0,280	-0,002	0,012	0,055	FALSE
0,185	0,269	0,006	0,011	0,252	FALSE
0,210	0,286	0,007	0,010	0,324	FALSE
-0,043	0,296	-0,001	0,007	0,078	FALSE
0,036	0,284	0,000	0,013	0,001	FALSE
0,039	0,288	0,001	0,006	0,031	FALSE
-0,137	0,292	-0,004	0,010	0,158	FALSE
0,067	0,305	0,004	0,013	0,127	FALSE
0,065	0,291	0,001	0,009	0,049	FALSE
-0,082	0,294	-0,003	0,012	0,099	FALSE
-0,067	0,290	0,000	0,013	0,009	FALSE
-0,024	0,281	0,000	0,010	0,014	FALSE
-0,032	0,278	0,001	0,010	0,028	FALSE
-0,070	0,282	-0,001	0,010	0,029	FALSE
-0,021	0,294	-0,002	0,009	0,061	FALSE
0,016	0,284	0,000	0,007	0,018	FALSE
0,038	0,282	0,000	0,012	0,009	FALSE
-0,057	0,292	-0,003	0,008	0,134	FALSE
0,214	0,282	0,008	0,013	0,287	FALSE
-0,047	0,293	-0,001	0,008	0,032	FALSE
-0,020	0,291	-0,001	0,008	0,064	FALSE
-0,066	0,276	0,000	0,007	0,012	FALSE
-0,026	0,288	0,001	0,007	0,028	FALSE
0,050	0,292	0,000	0,007	0,001	FALSE
-0,041	0,288	-0,001	0,007	0,038	FALSE
-0,046	0,301	-0,003	0,012	0,082	FALSE
0,000	0,283	0,001	0,008	0,058	FALSE
-0,053	0,309	-0,001	0,007	0,058	FALSE
-0,063	0,302	-0,003	0,013	0,087	FALSE
-0,105	0,312	-0,005	0,012	0,157	FALSE
-0,141	0,290	-0,006	0,011	0,249	FALSE
0,085	0,287	0,003	0,009	0,152	FALSE
-0,076	0,272	-0,003	0,012	0,101	FALSE
-0,015	0,289	0,000	0,012	0,011	FALSE
-0,072	0,282	-0,002	0,008	0,109	FALSE
0,181	0,280	0,005	0,007	0,325	FALSE
0,034	0,290	0,002	0,010	0,090	FALSE
0,123	0,285	0,005	0,008	0,254	FALSE
-0,051	0,287	-0,003	0,008	0,144	FALSE
0,026	0,289	0,003	0,012	0,076	FALSE
-0,108	0,288	-0,003	0,011	0,111	FALSE
0,112	0,282	0,003	0,010	0,121	FALSE
-0,100	0,288	-0,006	0,013	0,188	FALSE
0,056	0,271	0,001	0,012	0,036	FALSE
0,184	0,284	0,003	0,007	0,146	FALSE
0,010	0,302	0,001	0,012	0,016	FALSE

-0,014	0,295	0,000	0,013	0,013	FALSE
-0,061	0,290	-0,002	0,010	0,059	FALSE
0,024	0,272	0,002	0,011	0,059	FALSE
-0,034	0,287	-0,002	0,010	0,090	FALSE
0,097	0,305	0,001	0,010	0,040	FALSE
0,144	0,294	0,004	0,011	0,145	FALSE
0,112	0,301	0,002	0,008	0,096	FALSE
-0,038	0,296	-0,001	0,008	0,052	FALSE
-0,025	0,287	0,001	0,010	0,053	FALSE
0,069	0,283	0,003	0,010	0,091	FALSE
-0,035	0,294	-0,001	0,006	0,059	FALSE
-0,210	0,273	-0,006	0,010	0,284	FALSE
0,101	0,289	0,004	0,009	0,206	FALSE
-0,078	0,289	-0,003	0,007	0,145	FALSE
0,089	0,296	0,002	0,011	0,081	FALSE
-0,042	0,288	-0,001	0,008	0,067	FALSE
-0,072	0,286	-0,002	0,007	0,097	FALSE
0,047	0,293	0,002	0,013	0,043	FALSE
-0,144	0,292	-0,004	0,009	0,193	FALSE
-0,142	0,294	-0,004	0,009	0,191	FALSE
-0,014	0,288	0,001	0,012	0,023	FALSE
-0,119	0,283	-0,002	0,007	0,129	FALSE
0,140	0,285	0,006	0,012	0,202	FALSE
-0,101	0,297	-0,003	0,012	0,104	FALSE
0,009	0,301	0,000	0,011	0,000	FALSE
0,031	0,284	0,001	0,008	0,047	FALSE
-0,024	0,300	-0,002	0,008	0,084	FALSE
0,016	0,295	0,000	0,007	0,006	FALSE
0,119	0,282	0,006	0,012	0,192	FALSE
-0,154	0,295	-0,006	0,012	0,194	FALSE
-0,074	0,295	-0,001	0,006	0,049	FALSE
-0,090	0,293	-0,001	0,006	0,079	FALSE
-0,120	0,276	-0,002	0,009	0,093	FALSE
-0,121	0,290	-0,005	0,012	0,186	FALSE
-0,076	0,282	-0,003	0,011	0,111	FALSE
0,044	0,282	-0,001	0,010	0,026	FALSE
0,200	0,282	0,007	0,009	0,326	FALSE
-0,125	0,293	-0,006	0,012	0,221	FALSE
-0,030	0,281	0,000	0,012	0,003	FALSE
-0,002	0,295	-0,001	0,008	0,051	FALSE
-0,035	0,284	0,000	0,010	0,009	FALSE
-0,127	0,286	-0,003	0,007	0,165	FALSE
0,144	0,280	0,003	0,006	0,217	FALSE
-0,127	0,295	-0,006	0,012	0,200	FALSE
-0,040	0,294	-0,001	0,010	0,053	FALSE
-0,101	0,286	-0,003	0,011	0,119	FALSE
0,035	0,292	0,000	0,009	0,003	FALSE
-0,075	0,289	-0,002	0,007	0,080	FALSE
-0,027	0,303	0,000	0,008	0,001	FALSE
-0,013	0,288	-0,002	0,008	0,105	FALSE
0,000	0,292	0,002	0,013	0,052	FALSE
-0,031	0,301	0,000	0,009	0,009	FALSE
0,119	0,277	0,005	0,012	0,176	FALSE

0,165	0,281	0,006	0,013	0,184	FALSE
0,019	0,291	0,000	0,009	0,018	FALSE
0,086	0,291	0,002	0,009	0,111	FALSE
-0,039	0,279	-0,001	0,010	0,050	FALSE
-0,057	0,303	-0,002	0,012	0,058	FALSE
-0,159	0,295	-0,005	0,010	0,227	FALSE
-0,121	0,285	-0,005	0,012	0,173	FALSE
0,062	0,286	0,005	0,013	0,172	FALSE
0,103	0,288	0,002	0,007	0,107	FALSE
-0,109	0,289	-0,005	0,013	0,141	FALSE
-0,028	0,292	-0,002	0,011	0,075	FALSE
-0,008	0,301	0,002	0,013	0,073	FALSE
0,003	0,283	-0,003	0,013	0,076	FALSE
-0,068	0,294	-0,002	0,008	0,105	FALSE
0,092	0,287	0,002	0,012	0,064	FALSE
0,040	0,301	0,000	0,008	0,002	FALSE
0,004	0,283	0,000	0,007	0,005	FALSE
0,066	0,297	0,003	0,013	0,095	FALSE
-0,021	0,307	0,001	0,010	0,020	FALSE
0,064	0,290	0,002	0,010	0,084	FALSE
-0,049	0,299	-0,001	0,008	0,046	FALSE
0,002	0,303	0,000	0,009	0,004	FALSE
0,091	0,294	0,001	0,007	0,068	FALSE
-0,043	0,281	-0,003	0,011	0,112	FALSE
0,056	0,295	0,001	0,010	0,042	FALSE
-0,001	0,308	-0,001	0,009	0,022	FALSE
-0,126	0,288	-0,004	0,008	0,174	FALSE
0,029	0,282	0,000	0,008	0,017	FALSE
0,125	0,293	0,003	0,010	0,111	FALSE
-0,010	0,293	0,001	0,011	0,041	FALSE
-0,121	0,281	-0,006	0,013	0,181	FALSE
0,069	0,291	0,001	0,008	0,030	FALSE
0,021	0,302	-0,001	0,011	0,026	FALSE
0,015	0,294	-0,002	0,011	0,073	FALSE
0,026	0,284	0,001	0,007	0,028	FALSE
0,046	0,290	0,000	0,007	0,012	FALSE
-0,056	0,275	-0,002	0,007	0,129	FALSE
-0,064	0,288	-0,001	0,008	0,025	FALSE
0,024	0,283	0,002	0,008	0,116	FALSE
0,053	0,296	0,002	0,007	0,099	FALSE
0,087	0,279	0,001	0,007	0,028	FALSE
0,104	0,292	0,001	0,007	0,074	FALSE
0,042	0,290	0,002	0,011	0,070	FALSE
-0,035	0,274	0,000	0,006	0,013	FALSE
-0,041	0,300	-0,001	0,013	0,015	FALSE
0,070	0,286	0,003	0,010	0,096	FALSE
0,056	0,285	0,001	0,007	0,079	FALSE
-0,127	0,304	-0,004	0,007	0,243	FALSE
0,061	0,305	0,001	0,008	0,042	FALSE
0,072	0,291	0,003	0,009	0,143	FALSE
0,054	0,297	0,003	0,013	0,084	FALSE
0,026	0,296	0,000	0,008	0,022	FALSE
-0,050	0,293	-0,001	0,007	0,046	FALSE

0,162	0,280	0,007	0,013	0,222	FALSE
0,143	0,281	0,004	0,010	0,175	FALSE
0,042	0,278	0,000	0,012	0,005	FALSE
-0,048	0,284	-0,002	0,008	0,088	FALSE
-0,018	0,301	0,000	0,007	0,016	FALSE
-0,020	0,279	-0,001	0,006	0,056	FALSE
0,060	0,294	0,004	0,012	0,125	FALSE
0,025	0,291	0,000	0,009	0,005	FALSE
-0,117	0,281	-0,004	0,011	0,159	FALSE
-0,194	0,262	-0,008	0,010	0,355	FALSE
-0,009	0,285	0,000	0,007	0,007	FALSE
-0,016	0,282	-0,003	0,009	0,118	FALSE
0,106	0,299	0,002	0,010	0,070	FALSE
0,038	0,301	0,001	0,009	0,038	FALSE
0,049	0,288	0,002	0,006	0,143	FALSE
-0,108	0,288	-0,003	0,007	0,153	FALSE
-0,036	0,288	0,000	0,008	0,021	FALSE
0,017	0,303	0,001	0,010	0,030	FALSE
0,052	0,303	0,003	0,012	0,106	FALSE
-0,055	0,286	-0,001	0,010	0,035	FALSE
0,113	0,287	0,003	0,009	0,151	FALSE
0,052	0,285	0,002	0,012	0,055	FALSE
0,010	0,301	0,000	0,007	0,012	FALSE
-0,074	0,269	-0,002	0,009	0,077	FALSE
0,059	0,282	0,002	0,008	0,106	FALSE
-0,013	0,294	0,000	0,011	0,009	FALSE
0,041	0,292	0,000	0,009	0,017	FALSE
-0,041	0,300	0,000	0,006	0,011	FALSE
0,043	0,291	0,001	0,012	0,023	FALSE
0,027	0,286	0,000	0,007	0,007	FALSE
-0,095	0,293	-0,001	0,007	0,063	FALSE
-0,164	0,290	-0,005	0,013	0,148	FALSE
-0,092	0,277	0,000	0,012	0,009	FALSE
0,101	0,291	0,003	0,010	0,101	FALSE
-0,044	0,309	-0,001	0,008	0,044	FALSE
-0,063	0,285	-0,001	0,006	0,064	FALSE
0,083	0,295	0,003	0,008	0,125	FALSE
0,021	0,293	0,002	0,013	0,052	FALSE
0,102	0,289	0,004	0,012	0,135	FALSE
-0,163	0,287	-0,004	0,007	0,227	FALSE
0,070	0,292	0,003	0,011	0,108	FALSE
-0,121	0,291	-0,003	0,011	0,124	FALSE
-0,057	0,282	-0,001	0,008	0,065	FALSE
-0,051	0,284	0,000	0,009	0,009	FALSE
0,054	0,305	0,002	0,011	0,082	FALSE
0,062	0,295	-0,001	0,013	0,017	FALSE
0,003	0,281	-0,002	0,008	0,091	FALSE
0,030	0,287	0,000	0,006	0,013	FALSE
-0,038	0,293	0,000	0,008	0,013	FALSE
-0,105	0,295	-0,003	0,009	0,103	FALSE
-0,121	0,285	-0,003	0,009	0,139	FALSE
-0,072	0,290	-0,002	0,010	0,090	TRUE
-0,134	0,277	-0,003	0,010	0,132	FALSE

-0,048	0,288	-0,001	0,007	0,044	FALSE
0,098	0,289	0,003	0,011	0,127	FALSE
0,042	0,288	0,001	0,012	0,032	FALSE
-0,023	0,278	0,000	0,009	0,004	FALSE
-0,035	0,283	0,001	0,009	0,026	FALSE
0,049	0,291	0,000	0,007	0,004	FALSE
-0,063	0,289	-0,004	0,011	0,142	FALSE
-0,052	0,287	-0,004	0,011	0,128	FALSE
0,157	0,286	0,004	0,010	0,180	FALSE
-0,046	0,296	-0,001	0,006	0,040	FALSE
0,031	0,293	0,002	0,007	0,087	FALSE
0,030	0,290	0,002	0,009	0,089	FALSE
0,044	0,290	0,000	0,009	0,018	FALSE
-0,071	0,294	-0,002	0,008	0,080	FALSE
0,168	0,281	0,005	0,010	0,185	FALSE
0,023	0,291	-0,001	0,007	0,038	FALSE
-0,127	0,277	-0,003	0,007	0,160	FALSE
-0,182	0,286	-0,008	0,012	0,300	FALSE
0,138	0,296	0,006	0,013	0,200	FALSE
-0,040	0,290	0,000	0,007	0,026	FALSE
0,122	0,283	0,004	0,007	0,276	FALSE
0,063	0,283	0,002	0,008	0,113	FALSE
-0,061	0,287	-0,001	0,007	0,056	FALSE
-0,074	0,288	-0,001	0,007	0,085	FALSE
0,159	0,286	0,007	0,012	0,252	FALSE
0,030	0,291	0,002	0,010	0,087	FALSE
-0,165	0,262	-0,007	0,011	0,275	FALSE
-0,016	0,307	0,000	0,012	0,014	FALSE
-0,021	0,284	-0,001	0,008	0,026	FALSE
-0,030	0,298	-0,001	0,012	0,024	FALSE
0,051	0,276	0,003	0,012	0,096	FALSE
-0,028	0,286	0,000	0,008	0,000	FALSE
0,160	0,283	0,007	0,011	0,276	TRUE
0,015	0,284	0,000	0,007	0,005	FALSE
0,197	0,295	0,004	0,006	0,314	FALSE
0,014	0,299	0,000	0,008	0,000	FALSE
-0,062	0,283	-0,001	0,008	0,041	FALSE
-0,066	0,293	-0,001	0,007	0,059	FALSE
-0,117	0,292	-0,006	0,012	0,200	FALSE
-0,060	0,288	-0,002	0,008	0,079	FALSE
-0,005	0,309	0,000	0,008	0,002	FALSE
0,009	0,285	0,002	0,013	0,045	FALSE
0,054	0,283	0,004	0,012	0,153	FALSE
-0,079	0,291	-0,003	0,013	0,089	FALSE
0,124	0,279	0,006	0,012	0,209	FALSE
0,135	0,292	0,006	0,013	0,200	FALSE
0,087	0,288	0,004	0,013	0,128	FALSE
0,079	0,301	0,004	0,013	0,122	FALSE
-0,100	0,290	-0,004	0,013	0,135	FALSE
-0,044	0,296	-0,002	0,013	0,051	FALSE
-0,014	0,315	0,001	0,014	0,018	FALSE
0,170	0,277	0,007	0,010	0,307	FALSE
0,064	0,290	0,004	0,013	0,111	FALSE

-0,019	0,290	-0,002	0,007	0,104	FALSE
0,020	0,299	0,000	0,011	0,005	FALSE
-0,023	0,301	-0,001	0,013	0,023	FALSE
-0,039	0,285	-0,002	0,008	0,097	FALSE
-0,024	0,305	0,000	0,008	0,019	FALSE
0,031	0,297	0,000	0,007	0,000	FALSE
0,044	0,302	0,003	0,013	0,075	FALSE
-0,023	0,290	0,001	0,013	0,037	FALSE
-0,016	0,297	0,000	0,011	0,004	FALSE
0,033	0,289	0,002	0,011	0,061	FALSE
-0,154	0,275	-0,004	0,008	0,231	FALSE
-0,076	0,275	-0,002	0,007	0,095	FALSE
0,038	0,287	0,002	0,012	0,044	FALSE
0,096	0,275	0,003	0,007	0,201	FALSE
-0,019	0,303	0,001	0,013	0,032	FALSE
0,080	0,304	0,006	0,014	0,183	FALSE
-0,113	0,289	-0,002	0,008	0,101	FALSE
0,083	0,294	0,006	0,012	0,198	FALSE
0,027	0,288	0,001	0,006	0,084	FALSE
-0,065	0,282	0,000	0,009	0,014	FALSE
-0,038	0,295	-0,002	0,008	0,074	FALSE
-0,039	0,282	-0,001	0,007	0,058	FALSE
-0,078	0,294	-0,001	0,007	0,058	FALSE
0,204	0,279	0,008	0,010	0,348	FALSE
-0,184	0,284	-0,004	0,008	0,233	FALSE
-0,034	0,307	-0,001	0,012	0,018	FALSE
0,190	0,275	0,007	0,010	0,329	FALSE
0,030	0,285	0,002	0,011	0,063	FALSE
0,125	0,280	0,004	0,013	0,105	FALSE
-0,133	0,287	-0,002	0,007	0,119	FALSE
-0,046	0,287	0,000	0,007	0,018	FALSE
-0,041	0,305	0,000	0,012	0,009	FALSE
-0,107	0,281	-0,002	0,011	0,066	FALSE
0,017	0,292	0,001	0,012	0,021	FALSE
-0,071	0,280	-0,001	0,011	0,040	FALSE
0,058	0,293	0,001	0,010	0,051	FALSE
0,075	0,301	0,002	0,013	0,059	FALSE
-0,028	0,293	0,000	0,013	0,010	FALSE
0,050	0,288	0,001	0,007	0,031	FALSE
0,028	0,302	0,002	0,008	0,077	FALSE
0,025	0,278	0,000	0,008	0,021	FALSE
0,045	0,292	0,001	0,007	0,055	FALSE
-0,057	0,285	-0,002	0,009	0,061	FALSE
-0,039	0,306	-0,001	0,009	0,042	FALSE
0,177	0,275	0,003	0,006	0,210	FALSE
-0,061	0,294	-0,002	0,007	0,139	FALSE
-0,121	0,298	-0,005	0,012	0,184	FALSE
-0,035	0,279	0,000	0,008	0,018	FALSE
0,010	0,287	0,001	0,010	0,055	FALSE
0,266	0,283	0,009	0,013	0,330	FALSE
0,122	0,267	0,005	0,008	0,301	FALSE
-0,208	0,279	-0,005	0,007	0,313	FALSE
-0,001	0,283	0,001	0,011	0,041	FALSE

0,053	0,271	0,001	0,009	0,030	FALSE
0,012	0,301	0,000	0,010	0,010	FALSE
-0,072	0,297	-0,002	0,011	0,082	FALSE
-0,069	0,302	-0,004	0,013	0,135	FALSE
-0,168	0,294	-0,004	0,006	0,254	FALSE
0,004	0,298	0,001	0,011	0,017	FALSE
-0,138	0,289	-0,005	0,012	0,151	FALSE
0,065	0,298	0,001	0,007	0,037	FALSE
-0,053	0,292	-0,002	0,012	0,063	FALSE
0,021	0,276	0,001	0,008	0,060	FALSE
-0,043	0,277	-0,001	0,008	0,036	FALSE
0,020	0,277	0,000	0,006	0,011	FALSE
-0,035	0,290	-0,001	0,008	0,033	FALSE
0,037	0,290	0,000	0,010	0,002	FALSE
0,110	0,286	0,002	0,007	0,084	FALSE
0,102	0,281	0,001	0,007	0,078	FALSE
-0,182	0,285	-0,003	0,007	0,196	FALSE
0,171	0,279	0,004	0,007	0,199	FALSE
0,076	0,295	0,002	0,006	0,117	FALSE
0,011	0,292	0,000	0,008	0,008	FALSE
-0,036	0,293	0,000	0,011	0,002	FALSE
0,012	0,288	0,000	0,008	0,000	FALSE
-0,027	0,296	-0,002	0,009	0,081	FALSE
-0,016	0,296	0,000	0,007	0,025	FALSE
-0,064	0,289	-0,002	0,013	0,046	FALSE
0,061	0,295	0,001	0,010	0,041	FALSE
0,089	0,284	0,001	0,006	0,069	FALSE
0,056	0,295	0,001	0,007	0,066	FALSE
-0,075	0,281	-0,004	0,011	0,133	FALSE
-0,192	0,294	-0,005	0,010	0,233	FALSE
0,215	0,296	0,006	0,011	0,239	FALSE
-0,098	0,293	-0,003	0,011	0,107	FALSE
-0,028	0,291	-0,002	0,009	0,064	FALSE
-0,064	0,296	0,000	0,012	0,012	FALSE
-0,046	0,286	-0,001	0,006	0,083	FALSE
-0,036	0,280	0,000	0,011	0,000	FALSE
-0,069	0,291	-0,002	0,009	0,092	FALSE
-0,091	0,282	-0,004	0,011	0,122	FALSE
-0,161	0,278	-0,004	0,007	0,252	FALSE
-0,069	0,281	-0,001	0,007	0,044	FALSE
-0,003	0,295	0,002	0,013	0,061	FALSE
0,029	0,294	-0,001	0,013	0,036	FALSE
0,070	0,302	0,001	0,008	0,026	FALSE
0,047	0,307	0,002	0,010	0,092	FALSE
0,104	0,275	0,002	0,009	0,095	FALSE
-0,005	0,296	-0,001	0,007	0,029	FALSE
-0,023	0,285	0,000	0,007	0,002	FALSE
-0,101	0,278	-0,003	0,007	0,162	FALSE
0,080	0,275	0,003	0,013	0,106	FALSE
0,035	0,299	0,001	0,013	0,014	FALSE
0,130	0,282	0,005	0,012	0,178	FALSE
0,000	0,284	-0,001	0,008	0,045	FALSE
-0,100	0,276	-0,003	0,007	0,166	FALSE

0,019	0,278	0,002	0,012	0,052	FALSE
-0,001	0,286	0,001	0,007	0,061	FALSE
-0,101	0,288	-0,002	0,006	0,140	FALSE
0,178	0,277	0,008	0,012	0,277	FALSE
-0,101	0,284	-0,003	0,008	0,141	FALSE
-0,136	0,288	-0,005	0,010	0,201	FALSE
0,043	0,280	0,002	0,008	0,093	FALSE
0,072	0,284	0,002	0,007	0,079	FALSE
-0,037	0,284	-0,002	0,012	0,057	FALSE
-0,048	0,298	-0,001	0,011	0,020	FALSE
0,007	0,293	0,000	0,010	0,001	FALSE
-0,044	0,291	-0,002	0,012	0,050	FALSE
0,125	0,294	0,004	0,009	0,161	FALSE
-0,038	0,291	-0,001	0,007	0,075	FALSE
-0,056	0,297	-0,001	0,009	0,053	FALSE
-0,112	0,285	-0,006	0,012	0,195	FALSE
0,112	0,292	0,004	0,010	0,160	FALSE
-0,078	0,283	-0,002	0,007	0,096	FALSE
0,043	0,288	0,001	0,009	0,053	FALSE
0,064	0,298	0,002	0,010	0,086	FALSE
0,093	0,315	0,003	0,009	0,120	FALSE
0,132	0,283	0,004	0,009	0,184	FALSE
0,023	0,303	0,001	0,007	0,039	FALSE
0,065	0,289	0,000	0,006	0,020	FALSE
0,083	0,288	0,002	0,009	0,074	FALSE
0,010	0,296	0,000	0,007	0,018	FALSE
-0,160	0,284	-0,004	0,012	0,140	FALSE
-0,099	0,286	-0,008	0,013	0,253	FALSE
-0,170	0,282	-0,005	0,012	0,172	FALSE
0,193	0,271	0,008	0,011	0,348	FALSE
-0,036	0,291	-0,003	0,012	0,098	FALSE
-0,065	0,290	-0,002	0,008	0,102	FALSE
-0,134	0,286	-0,004	0,009	0,190	FALSE
0,032	0,273	0,002	0,010	0,091	FALSE
0,077	0,298	0,003	0,013	0,094	FALSE
-0,184	0,293	-0,005	0,010	0,194	FALSE
0,102	0,293	0,002	0,007	0,113	FALSE
0,041	0,296	0,001	0,011	0,037	FALSE
0,033	0,290	0,001	0,008	0,026	FALSE
0,017	0,292	0,000	0,010	0,007	FALSE
0,038	0,278	0,001	0,012	0,027	FALSE
0,052	0,278	0,001	0,006	0,074	FALSE
-0,008	0,287	0,000	0,007	0,000	FALSE
0,010	0,285	0,001	0,008	0,030	FALSE
0,075	0,294	0,002	0,010	0,092	FALSE
-0,094	0,271	-0,001	0,006	0,069	FALSE
-0,077	0,304	-0,002	0,008	0,103	FALSE
-0,008	0,302	0,000	0,009	0,014	FALSE
-0,039	0,290	-0,001	0,010	0,035	FALSE
-0,024	0,286	-0,001	0,006	0,061	FALSE
-0,070	0,302	-0,004	0,013	0,112	FALSE
-0,062	0,290	-0,003	0,011	0,121	FALSE
-0,065	0,296	-0,003	0,011	0,086	FALSE

-0,015	0,277	0,001	0,007	0,068	FALSE
-0,007	0,291	0,002	0,012	0,071	FALSE
0,040	0,281	0,000	0,009	0,011	FALSE
0,024	0,296	0,000	0,007	0,001	FALSE
-0,117	0,297	-0,003	0,010	0,123	FALSE
-0,086	0,287	0,000	0,010	0,008	FALSE
0,053	0,282	0,000	0,008	0,016	FALSE
0,036	0,300	0,002	0,011	0,058	FALSE
0,098	0,296	0,001	0,006	0,040	FALSE
0,024	0,293	0,001	0,010	0,052	FALSE
0,103	0,299	0,003	0,010	0,139	FALSE
0,141	0,284	0,006	0,009	0,265	FALSE
0,133	0,278	0,005	0,008	0,242	FALSE
0,136	0,289	0,005	0,009	0,237	FALSE
0,160	0,287	0,005	0,009	0,206	FALSE
-0,073	0,298	-0,004	0,011	0,135	FALSE
0,014	0,310	-0,001	0,008	0,022	FALSE
0,053	0,297	0,000	0,008	0,021	FALSE
0,119	0,292	0,006	0,013	0,190	FALSE
-0,018	0,281	0,000	0,013	0,010	FALSE
-0,025	0,282	-0,002	0,012	0,063	FALSE
0,057	0,280	0,003	0,012	0,082	FALSE
0,248	0,273	0,010	0,013	0,360	FALSE
-0,122	0,285	-0,002	0,007	0,123	FALSE
0,119	0,272	0,005	0,009	0,234	FALSE
-0,190	0,280	-0,006	0,012	0,209	FALSE
-0,208	0,278	-0,007	0,012	0,230	FALSE
0,121	0,304	0,003	0,010	0,112	FALSE
-0,027	0,301	-0,002	0,011	0,077	FALSE
0,062	0,287	0,002	0,010	0,069	FALSE
0,100	0,298	0,004	0,012	0,111	FALSE
0,111	0,297	0,004	0,013	0,138	FALSE
0,098	0,290	0,004	0,011	0,124	FALSE
-0,085	0,285	-0,001	0,013	0,037	FALSE
-0,054	0,290	0,000	0,007	0,013	FALSE
0,050	0,288	0,002	0,008	0,080	FALSE
-0,015	0,294	-0,001	0,010	0,038	FALSE
-0,015	0,290	-0,001	0,011	0,040	FALSE
-0,058	0,293	-0,002	0,010	0,086	FALSE
-0,017	0,299	-0,001	0,010	0,033	FALSE
0,029	0,296	0,001	0,012	0,031	FALSE
-0,016	0,296	-0,002	0,012	0,055	FALSE
0,005	0,295	0,000	0,013	0,005	FALSE
0,011	0,301	0,000	0,013	0,008	FALSE
-0,016	0,310	0,001	0,007	0,027	FALSE
0,190	0,284	0,004	0,006	0,259	FALSE
-0,053	0,288	-0,002	0,007	0,105	FALSE
-0,097	0,287	-0,003	0,007	0,151	FALSE
-0,051	0,288	0,000	0,008	0,008	FALSE
-0,144	0,275	-0,002	0,006	0,139	FALSE
-0,124	0,279	-0,004	0,010	0,140	FALSE
-0,097	0,296	-0,003	0,009	0,149	FALSE
0,057	0,278	0,001	0,007	0,062	FALSE

-0,124	0,286	-0,003	0,007	0,151	FALSE
0,105	0,271	0,003	0,012	0,095	FALSE
-0,048	0,305	-0,004	0,011	0,147	FALSE
0,051	0,281	-0,001	0,010	0,025	FALSE
0,034	0,288	0,001	0,007	0,034	FALSE
0,096	0,284	0,002	0,007	0,121	FALSE
0,028	0,294	0,000	0,010	0,004	FALSE
0,112	0,295	0,003	0,012	0,110	FALSE
-0,066	0,284	-0,004	0,009	0,171	FALSE
0,025	0,296	0,001	0,006	0,066	FALSE
0,056	0,295	0,002	0,013	0,053	FALSE
0,010	0,295	0,001	0,007	0,068	FALSE
0,143	0,290	0,003	0,007	0,188	FALSE
0,181	0,292	0,006	0,008	0,293	FALSE
0,009	0,302	-0,001	0,011	0,043	FALSE
-0,022	0,287	-0,003	0,011	0,092	FALSE
0,004	0,294	-0,002	0,013	0,053	FALSE
0,110	0,298	0,006	0,013	0,173	FALSE
-0,022	0,287	-0,002	0,012	0,072	FALSE
0,000	0,282	-0,002	0,012	0,055	FALSE
0,012	0,287	-0,001	0,012	0,015	FALSE
0,063	0,284	0,002	0,008	0,104	FALSE
-0,055	0,298	-0,002	0,013	0,053	FALSE
-0,120	0,285	-0,005	0,009	0,202	FALSE
-0,138	0,293	-0,006	0,012	0,211	FALSE
-0,004	0,281	-0,001	0,007	0,078	FALSE
0,003	0,289	-0,001	0,007	0,046	FALSE
-0,010	0,301	-0,002	0,013	0,065	FALSE
0,092	0,285	0,005	0,011	0,192	FALSE
-0,012	0,297	0,000	0,008	0,007	FALSE
0,001	0,291	0,000	0,007	0,019	FALSE
0,013	0,290	0,000	0,007	0,016	FALSE
-0,073	0,283	-0,003	0,011	0,098	FALSE
0,090	0,291	0,002	0,008	0,091	FALSE
0,021	0,287	0,001	0,007	0,029	FALSE
-0,027	0,289	-0,001	0,012	0,029	FALSE
-0,096	0,289	-0,004	0,012	0,151	FALSE
0,038	0,295	0,002	0,009	0,068	FALSE
0,048	0,289	0,001	0,007	0,060	FALSE
-0,027	0,294	-0,001	0,008	0,044	FALSE
0,058	0,289	0,002	0,008	0,111	FALSE
-0,073	0,287	-0,003	0,007	0,180	FALSE
-0,004	0,302	-0,001	0,010	0,036	FALSE
0,141	0,297	0,007	0,013	0,241	FALSE
0,057	0,296	0,001	0,010	0,050	FALSE
0,060	0,282	0,002	0,007	0,112	FALSE
-0,113	0,280	-0,003	0,010	0,111	FALSE
-0,009	0,282	-0,001	0,010	0,025	FALSE
0,216	0,269	0,008	0,011	0,338	FALSE
-0,012	0,271	-0,001	0,009	0,027	FALSE
0,183	0,275	0,006	0,011	0,239	FALSE
-0,001	0,287	0,000	0,008	0,021	FALSE
-0,097	0,283	-0,002	0,006	0,154	FALSE

0,123	0,297	0,004	0,011	0,170	FALSE
0,102	0,279	0,001	0,006	0,085	FALSE
-0,162	0,273	-0,005	0,012	0,177	FALSE
0,080	0,283	0,004	0,011	0,158	FALSE
0,169	0,303	0,004	0,008	0,219	FALSE
0,051	0,291	0,000	0,009	0,016	FALSE
-0,171	0,274	-0,006	0,009	0,314	FALSE
-0,003	0,292	0,001	0,007	0,048	FALSE
0,041	0,308	0,002	0,010	0,061	FALSE
-0,019	0,287	-0,002	0,011	0,055	FALSE
-0,041	0,275	-0,002	0,007	0,081	FALSE
-0,028	0,286	-0,001	0,011	0,041	FALSE
0,020	0,287	0,000	0,009	0,006	FALSE
-0,054	0,287	-0,003	0,009	0,110	FALSE
-0,030	0,288	-0,001	0,006	0,072	FALSE
-0,017	0,300	-0,001	0,007	0,052	FALSE
0,008	0,295	-0,002	0,012	0,046	FALSE
-0,110	0,284	-0,002	0,007	0,126	FALSE
0,202	0,258	0,003	0,010	0,109	FALSE
0,170	0,275	0,002	0,011	0,081	FALSE
0,151	0,283	0,003	0,008	0,168	FALSE
-0,121	0,278	-0,003	0,011	0,094	FALSE
0,120	0,279	0,002	0,006	0,155	FALSE
0,017	0,296	0,000	0,009	0,011	FALSE
-0,035	0,308	-0,001	0,013	0,032	FALSE
-0,077	0,283	-0,002	0,008	0,101	FALSE
-0,058	0,292	-0,002	0,013	0,062	FALSE
0,049	0,300	0,002	0,007	0,090	FALSE
0,018	0,292	0,001	0,012	0,020	FALSE
-0,041	0,278	-0,001	0,012	0,020	FALSE
-0,110	0,290	-0,004	0,008	0,182	FALSE
-0,090	0,287	-0,002	0,009	0,089	FALSE
0,016	0,285	-0,001	0,008	0,046	FALSE
0,020	0,293	-0,001	0,013	0,030	FALSE
0,000	0,297	-0,001	0,010	0,031	FALSE
-0,119	0,291	-0,004	0,010	0,152	FALSE
-0,030	0,277	0,001	0,011	0,039	FALSE
-0,083	0,278	-0,002	0,011	0,056	FALSE
0,021	0,289	0,000	0,008	0,017	FALSE
0,062	0,292	0,002	0,006	0,132	FALSE
0,160	0,298	0,005	0,010	0,215	FALSE
-0,063	0,291	-0,002	0,012	0,053	FALSE
0,134	0,294	0,004	0,008	0,202	FALSE
-0,110	0,290	-0,003	0,009	0,114	FALSE
-0,024	0,287	0,000	0,009	0,005	FALSE
0,018	0,291	0,000	0,008	0,010	FALSE
0,021	0,303	0,000	0,009	0,004	FALSE
0,038	0,300	0,001	0,007	0,073	FALSE
-0,078	0,284	-0,001	0,011	0,025	FALSE
-0,043	0,303	-0,002	0,011	0,084	FALSE
-0,062	0,296	-0,003	0,008	0,124	FALSE
-0,059	0,282	-0,002	0,008	0,113	FALSE
0,117	0,295	0,002	0,008	0,083	FALSE

0,016	0,290	0,001	0,007	0,043	FALSE
0,139	0,278	0,003	0,008	0,122	FALSE
0,046	0,280	0,000	0,009	0,011	FALSE
-0,129	0,278	-0,004	0,012	0,149	FALSE
0,073	0,278	0,001	0,008	0,029	FALSE
-0,055	0,299	-0,002	0,012	0,054	FALSE
-0,054	0,289	-0,001	0,006	0,063	FALSE
-0,095	0,289	-0,002	0,007	0,145	FALSE
0,012	0,290	0,001	0,009	0,040	FALSE
0,126	0,282	0,001	0,006	0,042	FALSE
0,015	0,289	0,002	0,012	0,062	FALSE
0,055	0,298	0,000	0,010	0,003	FALSE
-0,075	0,274	-0,002	0,006	0,118	FALSE
-0,018	0,287	0,002	0,012	0,045	FALSE
0,027	0,281	0,000	0,006	0,009	FALSE
0,031	0,264	0,000	0,006	0,027	FALSE
-0,063	0,288	-0,001	0,006	0,041	FALSE
-0,018	0,293	0,000	0,007	0,012	FALSE
-0,161	0,288	-0,004	0,007	0,213	FALSE
-0,026	0,297	0,001	0,007	0,043	FALSE
0,162	0,280	0,004	0,006	0,270	FALSE
0,101	0,296	0,002	0,010	0,072	FALSE
0,025	0,273	0,000	0,011	0,013	FALSE
0,006	0,286	0,000	0,006	0,011	FALSE
-0,024	0,289	0,000	0,013	0,011	FALSE
0,021	0,299	0,001	0,012	0,036	FALSE
0,001	0,296	0,000	0,007	0,024	FALSE
-0,016	0,294	-0,001	0,013	0,037	FALSE
-0,009	0,285	-0,001	0,007	0,032	FALSE
-0,116	0,288	-0,002	0,006	0,139	FALSE
-0,055	0,284	0,000	0,006	0,026	FALSE
0,054	0,296	0,002	0,013	0,064	FALSE
-0,025	0,284	0,000	0,013	0,006	FALSE
-0,001	0,299	0,000	0,007	0,007	FALSE
-0,035	0,283	-0,001	0,006	0,081	FALSE
0,083	0,281	0,000	0,007	0,023	FALSE
-0,123	0,280	-0,003	0,009	0,127	FALSE
0,008	0,291	0,000	0,006	0,020	FALSE
-0,023	0,281	0,001	0,012	0,027	FALSE
0,012	0,290	0,000	0,011	0,002	FALSE
0,147	0,284	0,006	0,012	0,198	FALSE
0,058	0,293	0,002	0,008	0,082	FALSE
0,014	0,283	0,001	0,009	0,026	FALSE
-0,043	0,292	-0,001	0,006	0,067	FALSE
-0,086	0,293	-0,002	0,008	0,108	FALSE
0,046	0,280	-0,001	0,008	0,023	FALSE
-0,150	0,284	-0,003	0,008	0,154	FALSE
-0,025	0,297	0,001	0,009	0,022	FALSE
-0,026	0,298	-0,001	0,009	0,026	FALSE
-0,021	0,286	0,000	0,010	0,006	FALSE
0,163	0,289	0,006	0,012	0,203	FALSE
-0,019	0,296	-0,002	0,008	0,075	FALSE
0,146	0,286	0,008	0,011	0,297	FALSE

-0,022	0,294	-0,002	0,013	0,068	FALSE
0,054	0,297	0,001	0,007	0,035	FALSE
0,071	0,290	0,005	0,012	0,160	FALSE
0,057	0,284	0,001	0,007	0,058	FALSE
0,196	0,285	0,008	0,012	0,291	FALSE
-0,074	0,287	-0,003	0,012	0,110	FALSE
-0,193	0,292	-0,008	0,013	0,267	FALSE
-0,060	0,298	-0,003	0,009	0,111	FALSE
0,016	0,286	0,001	0,011	0,020	FALSE
-0,042	0,293	-0,001	0,008	0,043	FALSE
-0,033	0,289	-0,001	0,011	0,043	FALSE
0,047	0,296	0,001	0,007	0,033	FALSE
0,026	0,295	0,000	0,007	0,014	FALSE
-0,032	0,289	-0,002	0,008	0,077	FALSE
-0,094	0,285	-0,001	0,013	0,033	FALSE
0,010	0,283	0,000	0,009	0,015	FALSE
-0,011	0,281	-0,001	0,010	0,024	FALSE
0,105	0,291	0,002	0,007	0,094	FALSE
0,122	0,294	0,004	0,012	0,129	FALSE
-0,036	0,279	-0,002	0,007	0,122	FALSE
-0,075	0,290	-0,003	0,009	0,146	FALSE
-0,050	0,293	-0,003	0,009	0,116	FALSE
-0,142	0,290	-0,006	0,011	0,219	FALSE
0,088	0,293	0,001	0,008	0,039	FALSE
-0,170	0,288	-0,007	0,013	0,223	FALSE
0,012	0,296	0,000	0,008	0,014	FALSE
0,008	0,284	0,000	0,010	0,014	FALSE
0,058	0,288	0,000	0,011	0,009	FALSE
-0,059	0,283	-0,002	0,007	0,098	FALSE
0,042	0,274	0,003	0,009	0,152	FALSE
-0,063	0,296	-0,001	0,008	0,049	FALSE
-0,150	0,286	-0,004	0,012	0,129	FALSE
-0,088	0,293	-0,003	0,009	0,107	FALSE
-0,080	0,293	-0,002	0,009	0,091	FALSE
-0,119	0,293	-0,002	0,006	0,140	FALSE
0,041	0,290	0,001	0,007	0,073	FALSE
0,046	0,283	0,001	0,007	0,060	FALSE
-0,127	0,282	-0,006	0,011	0,226	FALSE
-0,098	0,281	-0,004	0,010	0,174	FALSE
-0,141	0,288	-0,006	0,011	0,229	FALSE
-0,174	0,275	-0,006	0,010	0,245	FALSE
-0,171	0,277	-0,006	0,010	0,256	FALSE
-0,001	0,289	0,000	0,011	0,001	FALSE
0,032	0,287	0,002	0,010	0,079	FALSE
0,029	0,298	0,000	0,010	0,014	FALSE
-0,063	0,295	-0,001	0,011	0,048	FALSE
-0,025	0,292	-0,001	0,007	0,059	FALSE
-0,112	0,298	-0,003	0,007	0,173	FALSE
-0,101	0,282	-0,002	0,006	0,154	FALSE
-0,057	0,275	-0,002	0,006	0,125	FALSE
0,131	0,286	0,004	0,012	0,120	FALSE
-0,014	0,288	0,000	0,009	0,006	FALSE
0,057	0,295	0,003	0,010	0,134	FALSE

-0,159	0,277	-0,003	0,007	0,163	FALSE
-0,081	0,293	-0,002	0,012	0,053	FALSE
-0,063	0,276	-0,001	0,011	0,047	FALSE
0,092	0,275	0,003	0,007	0,155	FALSE
-0,098	0,285	-0,002	0,011	0,063	FALSE
-0,101	0,290	-0,002	0,011	0,065	FALSE
0,082	0,286	0,002	0,013	0,059	FALSE
0,089	0,300	0,002	0,008	0,110	FALSE
-0,166	0,284	-0,005	0,011	0,187	FALSE
0,158	0,286	0,004	0,007	0,242	FALSE
0,130	0,290	0,003	0,008	0,182	FALSE
0,091	0,297	0,003	0,008	0,156	FALSE
-0,002	0,292	0,000	0,008	0,013	FALSE
-0,005	0,300	0,000	0,008	0,010	FALSE
-0,057	0,295	-0,002	0,013	0,068	FALSE
-0,136	0,293	-0,002	0,007	0,127	FALSE
-0,056	0,293	-0,001	0,011	0,034	FALSE
-0,029	0,297	0,000	0,011	0,000	FALSE
0,088	0,294	0,005	0,011	0,211	FALSE
0,133	0,295	0,005	0,009	0,258	FALSE
0,077	0,282	0,001	0,006	0,083	FALSE
0,142	0,293	0,005	0,013	0,177	FALSE
0,120	0,283	0,004	0,008	0,225	FALSE
-0,056	0,290	-0,003	0,007	0,167	FALSE
-0,190	0,257	-0,005	0,008	0,256	FALSE
0,081	0,287	0,001	0,007	0,057	FALSE
-0,056	0,286	-0,002	0,007	0,090	FALSE
-0,036	0,290	-0,001	0,007	0,071	FALSE
-0,013	0,290	0,000	0,008	0,015	FALSE
-0,105	0,283	-0,003	0,008	0,138	FALSE
-0,133	0,277	-0,003	0,007	0,163	FALSE
-0,178	0,285	-0,005	0,009	0,244	FALSE
-0,154	0,295	-0,005	0,009	0,208	FALSE
-0,271	0,275	-0,010	0,012	0,396	FALSE
-0,035	0,294	-0,001	0,006	0,064	FALSE
-0,003	0,264	-0,001	0,008	0,048	FALSE
0,173	0,275	0,007	0,012	0,264	FALSE
0,060	0,276	0,001	0,007	0,048	FALSE
-0,202	0,295	-0,005	0,009	0,243	FALSE
0,041	0,292	0,001	0,012	0,037	FALSE
-0,140	0,301	-0,004	0,009	0,158	FALSE
0,039	0,286	0,001	0,011	0,039	FALSE
-0,052	0,270	-0,002	0,007	0,096	FALSE
0,003	0,275	-0,002	0,010	0,058	FALSE
0,055	0,278	0,002	0,007	0,103	FALSE
0,066	0,296	0,003	0,012	0,108	FALSE
-0,098	0,286	-0,002	0,007	0,097	FALSE
-0,095	0,291	-0,002	0,009	0,084	FALSE
0,000	0,287	0,001	0,010	0,022	FALSE
0,002	0,296	-0,002	0,012	0,056	FALSE
-0,116	0,298	-0,003	0,007	0,175	FALSE
0,072	0,290	0,002	0,013	0,057	FALSE
-0,036	0,290	-0,001	0,008	0,058	FALSE

-0,003	0,296	-0,002	0,009	0,085	FALSE
-0,082	0,277	-0,001	0,007	0,032	FALSE
0,018	0,290	-0,001	0,009	0,053	FALSE
-0,022	0,288	-0,001	0,012	0,026	FALSE
-0,102	0,293	-0,003	0,010	0,103	FALSE
-0,067	0,292	-0,002	0,008	0,080	FALSE
-0,023	0,272	-0,001	0,008	0,046	FALSE
-0,070	0,285	-0,003	0,011	0,101	FALSE
-0,038	0,289	-0,002	0,009	0,068	FALSE
-0,022	0,276	-0,001	0,009	0,045	FALSE
-0,155	0,277	-0,007	0,012	0,267	FALSE
0,085	0,300	0,002	0,013	0,045	FALSE
-0,075	0,284	-0,002	0,007	0,082	FALSE
-0,060	0,289	-0,001	0,007	0,064	FALSE
0,045	0,283	0,004	0,012	0,132	FALSE
0,036	0,284	0,000	0,008	0,013	FALSE
0,050	0,288	0,003	0,009	0,153	FALSE
0,074	0,304	0,001	0,007	0,028	FALSE
-0,045	0,275	-0,003	0,011	0,111	FALSE
0,116	0,289	0,002	0,010	0,087	FALSE
0,129	0,266	0,005	0,011	0,195	FALSE
-0,034	0,299	-0,003	0,013	0,097	FALSE
0,006	0,268	-0,001	0,012	0,039	FALSE
0,063	0,279	0,001	0,010	0,025	FALSE
0,047	0,285	0,000	0,010	0,003	FALSE
0,067	0,294	0,001	0,011	0,035	FALSE
0,077	0,286	0,001	0,010	0,045	FALSE
-0,111	0,280	-0,003	0,011	0,093	FALSE
-0,063	0,296	-0,002	0,013	0,051	FALSE
0,004	0,294	0,000	0,007	0,013	FALSE
0,138	0,296	0,003	0,007	0,191	FALSE
-0,034	0,280	-0,001	0,010	0,051	FALSE
0,077	0,297	0,002	0,008	0,095	FALSE
0,083	0,289	0,002	0,008	0,075	FALSE
0,248	0,283	0,007	0,010	0,318	FALSE
0,016	0,287	0,001	0,011	0,040	FALSE
-0,062	0,284	-0,002	0,012	0,057	FALSE
0,068	0,287	0,002	0,007	0,146	FALSE
0,106	0,275	0,004	0,009	0,158	FALSE
-0,057	0,291	-0,001	0,007	0,061	FALSE
-0,071	0,289	-0,001	0,007	0,072	FALSE
-0,186	0,275	-0,006	0,010	0,267	FALSE
0,120	0,301	0,002	0,007	0,076	FALSE
0,015	0,289	0,002	0,012	0,062	FALSE
-0,015	0,288	-0,002	0,011	0,083	FALSE
-0,003	0,296	-0,001	0,013	0,035	FALSE
0,203	0,284	0,008	0,011	0,321	FALSE
0,106	0,291	0,003	0,009	0,142	FALSE
-0,093	0,290	-0,004	0,013	0,116	FALSE
-0,075	0,288	-0,002	0,012	0,075	FALSE
-0,046	0,285	-0,001	0,012	0,032	FALSE
-0,066	0,288	-0,003	0,009	0,120	FALSE
-0,061	0,282	-0,003	0,008	0,129	FALSE

0,016	0,289	0,002	0,010	0,054	FALSE
0,128	0,296	0,004	0,010	0,156	FALSE
0,092	0,283	0,002	0,009	0,084	FALSE
0,071	0,294	0,001	0,008	0,040	FALSE
-0,004	0,287	-0,001	0,013	0,025	FALSE
-0,074	0,294	-0,002	0,009	0,094	FALSE
-0,061	0,291	-0,002	0,012	0,064	FALSE
-0,069	0,290	-0,003	0,009	0,149	FALSE
-0,035	0,301	-0,001	0,007	0,030	FALSE
-0,132	0,292	-0,004	0,010	0,149	FALSE
0,118	0,292	0,003	0,008	0,159	FALSE
0,131	0,281	0,002	0,010	0,085	FALSE
-0,009	0,301	-0,001	0,007	0,056	FALSE
0,008	0,293	-0,001	0,010	0,036	FALSE
0,166	0,285	0,005	0,009	0,248	FALSE
-0,071	0,280	-0,001	0,007	0,056	FALSE
0,087	0,298	0,002	0,008	0,124	FALSE
0,084	0,288	0,004	0,009	0,191	FALSE
0,163	0,295	0,003	0,008	0,148	FALSE
-0,096	0,293	-0,003	0,009	0,119	FALSE
0,059	0,291	0,002	0,012	0,060	FALSE
-0,038	0,285	-0,001	0,008	0,028	FALSE
0,054	0,281	0,002	0,011	0,062	FALSE
0,041	0,299	0,003	0,013	0,082	FALSE
0,130	0,298	0,002	0,008	0,108	FALSE
0,035	0,273	0,002	0,007	0,096	FALSE
-0,089	0,298	-0,004	0,013	0,139	FALSE
0,074	0,298	0,005	0,013	0,154	FALSE
0,039	0,292	0,000	0,009	0,003	FALSE
-0,048	0,296	-0,001	0,012	0,020	FALSE
-0,227	0,278	-0,010	0,012	0,356	FALSE
0,023	0,286	0,000	0,012	0,000	FALSE
0,157	0,297	0,007	0,014	0,229	FALSE
0,045	0,287	0,001	0,011	0,044	FALSE
-0,030	0,296	0,000	0,009	0,003	FALSE
0,087	0,294	0,003	0,011	0,101	FALSE
-0,068	0,294	-0,001	0,013	0,035	FALSE
-0,045	0,288	-0,001	0,009	0,058	FALSE
-0,065	0,292	-0,001	0,009	0,056	FALSE
-0,074	0,288	-0,002	0,009	0,087	FALSE
-0,016	0,310	-0,001	0,008	0,023	FALSE
-0,026	0,310	-0,001	0,011	0,027	FALSE
-0,090	0,295	-0,003	0,011	0,084	FALSE
-0,039	0,288	-0,001	0,010	0,045	FALSE
-0,086	0,288	-0,002	0,010	0,064	FALSE
-0,029	0,291	-0,001	0,013	0,014	FALSE
-0,012	0,293	0,000	0,013	0,000	FALSE
-0,008	0,299	0,000	0,013	0,007	FALSE
-0,040	0,305	-0,001	0,013	0,030	FALSE
0,166	0,290	0,004	0,007	0,217	FALSE
0,003	0,291	0,001	0,013	0,017	FALSE
-0,050	0,284	0,000	0,007	0,018	FALSE
0,045	0,291	0,001	0,013	0,026	FALSE

0,017	0,288	-0,001	0,011	0,034	FALSE
-0,093	0,286	-0,004	0,012	0,111	FALSE
0,035	0,297	0,001	0,012	0,020	FALSE
0,018	0,287	-0,001	0,012	0,020	FALSE
0,021	0,273	0,002	0,009	0,073	FALSE
0,038	0,289	0,001	0,009	0,059	FALSE
-0,139	0,283	-0,002	0,008	0,108	FALSE
0,141	0,284	0,004	0,013	0,127	FALSE
-0,065	0,282	-0,001	0,007	0,067	FALSE
-0,089	0,287	-0,003	0,011	0,098	FALSE
0,067	0,292	0,002	0,007	0,096	FALSE
0,110	0,295	0,001	0,010	0,035	FALSE
0,026	0,285	0,001	0,010	0,041	FALSE
0,188	0,293	0,005	0,007	0,370	FALSE
0,188	0,290	0,005	0,006	0,369	FALSE
-0,012	0,299	0,001	0,008	0,030	FALSE
-0,020	0,302	0,001	0,008	0,039	FALSE
-0,143	0,281	-0,003	0,007	0,144	FALSE
0,004	0,287	0,001	0,006	0,039	FALSE
-0,075	0,293	-0,001	0,008	0,060	FALSE
-0,114	0,287	-0,004	0,010	0,134	FALSE
-0,049	0,290	-0,002	0,013	0,069	FALSE
0,066	0,297	0,002	0,013	0,052	FALSE
-0,045	0,295	-0,003	0,013	0,076	FALSE
-0,006	0,307	-0,001	0,010	0,037	FALSE
0,074	0,289	0,001	0,007	0,076	FALSE
0,004	0,283	0,003	0,011	0,102	FALSE
0,072	0,287	0,002	0,009	0,100	FALSE
0,053	0,278	0,004	0,010	0,162	FALSE
0,083	0,292	0,003	0,012	0,090	FALSE
0,164	0,293	0,006	0,013	0,176	FALSE
0,143	0,282	0,003	0,010	0,131	FALSE
0,113	0,296	0,001	0,007	0,070	FALSE
0,049	0,291	0,001	0,008	0,054	FALSE
0,090	0,290	0,005	0,013	0,154	FALSE
0,150	0,288	0,007	0,013	0,219	FALSE
-0,029	0,294	0,000	0,006	0,004	FALSE
0,103	0,285	0,001	0,008	0,057	FALSE
-0,133	0,288	-0,004	0,012	0,131	FALSE
-0,045	0,305	-0,001	0,010	0,047	FALSE
0,044	0,302	0,002	0,010	0,073	FALSE
0,173	0,278	0,006	0,011	0,244	FALSE
0,103	0,291	0,002	0,008	0,092	FALSE
-0,057	0,285	-0,001	0,006	0,081	FALSE
-0,093	0,277	-0,004	0,012	0,120	FALSE
-0,005	0,297	0,001	0,013	0,016	FALSE
0,128	0,283	0,003	0,013	0,091	FALSE
0,031	0,278	0,003	0,012	0,101	FALSE
-0,004	0,277	0,002	0,012	0,078	FALSE
0,024	0,285	0,004	0,012	0,125	FALSE
0,002	0,275	0,002	0,008	0,070	FALSE
0,031	0,290	0,004	0,012	0,127	FALSE
0,198	0,281	0,006	0,011	0,245	FALSE

0,007	0,289	0,000	0,009	0,005	FALSE
0,009	0,286	0,000	0,009	0,005	FALSE
-0,056	0,297	-0,002	0,012	0,067	FALSE
0,024	0,305	0,000	0,011	0,005	FALSE
-0,008	0,288	0,000	0,009	0,007	FALSE
0,052	0,292	0,002	0,008	0,103	FALSE
0,025	0,308	0,000	0,007	0,001	FALSE
0,238	0,271	0,007	0,007	0,450	FALSE
0,043	0,306	0,001	0,012	0,024	FALSE
0,047	0,292	0,001	0,011	0,020	FALSE
0,038	0,281	0,001	0,012	0,033	FALSE
0,068	0,291	0,001	0,009	0,048	FALSE
-0,116	0,291	-0,002	0,007	0,114	FALSE
0,038	0,290	0,001	0,013	0,034	FALSE
0,076	0,287	0,001	0,009	0,037	FALSE
-0,007	0,297	0,000	0,011	0,004	FALSE
-0,011	0,296	-0,001	0,012	0,020	FALSE
-0,035	0,302	-0,001	0,008	0,034	FALSE
-0,028	0,297	-0,001	0,012	0,023	FALSE
0,079	0,291	0,003	0,012	0,096	FALSE
0,011	0,292	-0,001	0,013	0,024	FALSE
-0,124	0,273	-0,008	0,012	0,274	FALSE
0,041	0,290	0,001	0,008	0,049	FALSE
-0,196	0,282	-0,008	0,013	0,253	FALSE
0,078	0,281	0,002	0,009	0,088	FALSE
0,123	0,291	0,004	0,012	0,116	FALSE
-0,080	0,284	-0,001	0,008	0,046	FALSE
-0,094	0,295	-0,005	0,013	0,153	FALSE
0,068	0,287	0,001	0,007	0,069	FALSE
0,099	0,301	0,002	0,007	0,083	FALSE
-0,080	0,280	-0,005	0,012	0,179	FALSE
-0,118	0,283	-0,002	0,006	0,112	FALSE
-0,104	0,288	-0,002	0,007	0,086	FALSE
-0,018	0,305	0,000	0,008	0,021	FALSE
0,070	0,284	0,003	0,011	0,098	FALSE
-0,040	0,294	-0,001	0,010	0,044	FALSE
-0,003	0,303	-0,001	0,014	0,015	FALSE
-0,142	0,277	-0,003	0,010	0,128	FALSE
-0,066	0,292	0,000	0,007	0,012	FALSE
-0,085	0,303	-0,002	0,010	0,074	FALSE
0,032	0,295	0,002	0,012	0,060	FALSE
-0,106	0,278	-0,003	0,011	0,099	FALSE
0,017	0,300	0,000	0,010	0,017	FALSE
0,075	0,293	0,003	0,009	0,116	FALSE
-0,023	0,271	0,001	0,012	0,032	FALSE
-0,155	0,305	-0,004	0,011	0,152	FALSE
-0,047	0,292	-0,002	0,007	0,088	FALSE
0,015	0,280	-0,001	0,012	0,033	FALSE
0,066	0,290	0,002	0,007	0,104	FALSE
0,087	0,293	0,002	0,012	0,064	FALSE
-0,049	0,292	-0,001	0,011	0,049	FALSE
-0,119	0,290	-0,004	0,013	0,128	FALSE
0,015	0,294	0,001	0,010	0,033	FALSE

-0,073	0,307	-0,001	0,007	0,053	FALSE
-0,123	0,284	-0,005	0,009	0,247	FALSE
0,162	0,282	0,003	0,007	0,188	FALSE
0,218	0,295	0,005	0,007	0,316	FALSE
-0,080	0,291	-0,001	0,007	0,055	FALSE
0,094	0,293	0,003	0,007	0,156	FALSE
0,139	0,279	0,004	0,013	0,141	FALSE
-0,077	0,286	-0,001	0,008	0,040	FALSE
0,025	0,308	0,001	0,010	0,023	FALSE
-0,008	0,300	-0,001	0,007	0,033	FALSE
-0,207	0,290	-0,008	0,010	0,353	FALSE
-0,045	0,301	-0,002	0,008	0,076	FALSE
0,132	0,275	0,003	0,008	0,173	FALSE
-0,071	0,291	-0,002	0,010	0,096	FALSE
0,087	0,287	0,003	0,009	0,141	FALSE
0,074	0,291	0,001	0,006	0,065	FALSE
0,018	0,287	0,001	0,009	0,019	FALSE
-0,150	0,283	-0,003	0,007	0,197	FALSE
-0,016	0,285	-0,001	0,010	0,018	FALSE
-0,030	0,287	-0,001	0,010	0,023	FALSE
0,082	0,296	0,001	0,007	0,065	FALSE
0,091	0,285	0,003	0,011	0,102	FALSE
0,109	0,281	0,002	0,010	0,099	FALSE
0,003	0,295	0,000	0,008	0,003	FALSE
-0,110	0,286	-0,004	0,009	0,175	FALSE
0,066	0,290	0,001	0,007	0,039	FALSE
0,121	0,296	0,002	0,008	0,083	FALSE
-0,131	0,289	-0,003	0,008	0,174	FALSE
-0,130	0,285	-0,002	0,007	0,150	FALSE
0,072	0,288	0,000	0,009	0,013	FALSE
0,001	0,292	0,000	0,008	0,002	FALSE
0,095	0,276	0,002	0,012	0,052	FALSE
-0,049	0,291	0,000	0,011	0,001	FALSE
-0,033	0,294	-0,001	0,009	0,045	FALSE
-0,234	0,275	-0,005	0,007	0,331	FALSE
0,114	0,287	0,002	0,007	0,126	FALSE
-0,011	0,294	0,000	0,008	0,007	FALSE
0,010	0,287	0,000	0,013	0,000	FALSE
-0,202	0,273	-0,005	0,006	0,337	FALSE
-0,025	0,288	-0,002	0,012	0,064	FALSE
0,002	0,301	0,001	0,008	0,030	FALSE
0,016	0,284	0,002	0,008	0,098	FALSE
-0,111	0,291	-0,003	0,008	0,131	FALSE
-0,067	0,291	-0,003	0,010	0,131	FALSE
-0,072	0,289	-0,002	0,007	0,095	FALSE
0,031	0,291	0,001	0,007	0,051	FALSE
0,053	0,286	0,000	0,007	0,003	FALSE
0,027	0,296	0,001	0,010	0,037	FALSE
-0,078	0,295	-0,002	0,013	0,056	FALSE
0,002	0,289	0,000	0,010	0,002	FALSE
0,125	0,288	0,003	0,012	0,096	FALSE
-0,045	0,285	-0,002	0,009	0,066	FALSE
0,006	0,289	0,001	0,008	0,058	FALSE

0,034	0,285	0,002	0,009	0,081	FALSE
-0,165	0,291	-0,003	0,006	0,160	FALSE
-0,109	0,285	-0,004	0,011	0,150	FALSE
-0,104	0,292	-0,002	0,013	0,071	FALSE
0,027	0,293	0,001	0,009	0,049	FALSE
0,058	0,274	0,002	0,010	0,071	FALSE
0,152	0,281	0,005	0,012	0,194	FALSE
-0,062	0,286	-0,002	0,011	0,067	FALSE
0,017	0,287	-0,001	0,012	0,016	FALSE
0,083	0,279	0,003	0,011	0,098	FALSE
-0,081	0,286	-0,002	0,007	0,128	FALSE
-0,095	0,285	-0,003	0,009	0,155	FALSE
0,061	0,298	0,001	0,007	0,044	FALSE
-0,108	0,296	-0,005	0,012	0,167	FALSE
-0,027	0,292	-0,003	0,012	0,095	FALSE
-0,110	0,288	-0,002	0,006	0,099	FALSE
-0,126	0,293	-0,004	0,010	0,168	FALSE
0,173	0,294	0,008	0,013	0,289	FALSE
0,032	0,288	0,000	0,007	0,016	FALSE
0,080	0,269	0,001	0,011	0,046	FALSE
0,174	0,301	0,004	0,008	0,205	FALSE
0,106	0,288	0,003	0,008	0,144	FALSE
-0,121	0,278	-0,005	0,012	0,170	FALSE
0,141	0,285	0,006	0,008	0,341	FALSE
0,002	0,291	0,000	0,007	0,012	FALSE
-0,118	0,277	-0,004	0,009	0,160	FALSE
-0,100	0,288	-0,002	0,007	0,088	FALSE
0,018	0,313	0,000	0,011	0,008	FALSE
-0,097	0,296	-0,003	0,008	0,160	FALSE
0,061	0,288	0,002	0,007	0,114	FALSE
-0,028	0,284	0,000	0,006	0,003	FALSE
-0,032	0,290	-0,001	0,008	0,049	FALSE
-0,019	0,298	0,000	0,007	0,011	FALSE
0,003	0,290	0,000	0,007	0,016	FALSE
0,000	0,290	0,000	0,011	0,010	FALSE
0,035	0,288	-0,001	0,011	0,024	FALSE
-0,019	0,285	0,000	0,007	0,022	FALSE
-0,008	0,278	0,000	0,012	0,014	FALSE
-0,064	0,285	-0,001	0,008	0,059	FALSE
0,132	0,289	0,006	0,011	0,227	FALSE
-0,032	0,293	-0,001	0,009	0,053	FALSE
-0,136	0,278	-0,005	0,011	0,206	FALSE
0,060	0,287	0,000	0,007	0,022	FALSE
-0,038	0,276	-0,002	0,009	0,074	FALSE
0,014	0,285	0,000	0,008	0,012	FALSE
-0,083	0,289	-0,003	0,012	0,110	FALSE
-0,010	0,276	-0,001	0,011	0,021	FALSE
-0,042	0,291	-0,001	0,010	0,025	FALSE
0,140	0,287	0,002	0,011	0,080	FALSE
0,037	0,286	0,003	0,012	0,097	FALSE
0,124	0,276	0,001	0,008	0,063	FALSE
0,031	0,300	0,000	0,006	0,007	FALSE
-0,014	0,273	0,000	0,007	0,019	FALSE

-0,123	0,278	-0,005	0,010	0,199	FALSE
0,034	0,278	0,000	0,007	0,012	FALSE
0,073	0,292	0,002	0,009	0,105	FALSE
-0,148	0,278	-0,006	0,010	0,263	FALSE
0,039	0,287	0,001	0,007	0,041	FALSE
-0,028	0,286	-0,002	0,009	0,074	FALSE
-0,022	0,301	0,001	0,013	0,021	FALSE
0,166	0,288	0,004	0,008	0,195	FALSE
0,026	0,278	0,002	0,012	0,046	FALSE
0,061	0,297	0,001	0,007	0,054	FALSE
0,032	0,286	0,002	0,012	0,055	FALSE
0,094	0,278	0,000	0,006	0,023	FALSE
0,011	0,295	0,002	0,012	0,066	FALSE
-0,113	0,288	-0,002	0,007	0,082	FALSE
-0,084	0,284	-0,003	0,011	0,107	FALSE
-0,094	0,284	-0,003	0,008	0,175	FALSE
-0,058	0,296	0,000	0,006	0,019	FALSE
0,047	0,285	0,001	0,007	0,052	FALSE
0,068	0,288	0,002	0,007	0,131	FALSE
0,029	0,291	0,000	0,008	0,010	FALSE
-0,124	0,289	-0,002	0,007	0,108	FALSE
0,040	0,295	0,000	0,008	0,011	FALSE
-0,069	0,303	-0,002	0,011	0,070	FALSE
-0,088	0,295	-0,004	0,012	0,132	FALSE
0,025	0,296	0,002	0,012	0,064	FALSE
0,047	0,295	0,003	0,012	0,105	FALSE
-0,005	0,292	-0,002	0,013	0,070	FALSE
0,118	0,296	0,003	0,007	0,151	FALSE
-0,094	0,280	-0,002	0,009	0,073	FALSE
0,045	0,293	-0,001	0,008	0,046	FALSE
-0,021	0,286	-0,001	0,009	0,028	FALSE
0,103	0,278	0,002	0,006	0,163	FALSE
-0,126	0,288	-0,003	0,007	0,181	FALSE
-0,067	0,286	-0,001	0,007	0,048	FALSE
0,189	0,297	0,005	0,008	0,275	FALSE
0,103	0,295	0,003	0,012	0,094	FALSE
-0,111	0,283	-0,004	0,012	0,139	FALSE
0,019	0,279	0,002	0,010	0,092	FALSE
0,113	0,282	0,002	0,007	0,096	FALSE
-0,041	0,290	-0,003	0,007	0,153	FALSE
0,086	0,293	0,007	0,012	0,224	FALSE
0,107	0,285	0,005	0,012	0,185	FALSE
-0,100	0,289	-0,003	0,007	0,170	FALSE
-0,068	0,289	-0,003	0,013	0,100	FALSE
0,002	0,282	-0,002	0,011	0,067	FALSE
-0,021	0,303	0,000	0,012	0,010	FALSE
0,191	0,279	0,006	0,008	0,374	FALSE
-0,090	0,265	-0,006	0,010	0,284	FALSE
-0,081	0,280	-0,006	0,010	0,257	FALSE
-0,032	0,280	-0,003	0,011	0,122	FALSE
0,181	0,297	0,004	0,009	0,185	FALSE
-0,006	0,289	0,000	0,009	0,003	FALSE
-0,113	0,293	-0,003	0,009	0,150	FALSE

0,167	0,291	0,006	0,010	0,282	FALSE
0,169	0,296	0,006	0,010	0,261	FALSE
0,008	0,292	0,001	0,010	0,048	FALSE
-0,005	0,282	-0,002	0,009	0,078	FALSE
0,102	0,288	0,002	0,006	0,114	FALSE
0,041	0,294	0,000	0,006	0,028	FALSE
-0,072	0,293	-0,004	0,012	0,141	FALSE
0,029	0,298	0,001	0,007	0,054	FALSE
-0,124	0,299	-0,006	0,013	0,203	FALSE
0,199	0,268	0,005	0,010	0,192	FALSE
-0,099	0,285	-0,002	0,007	0,090	FALSE
0,011	0,289	0,002	0,012	0,050	FALSE
0,160	0,276	0,004	0,009	0,166	FALSE
-0,091	0,299	-0,004	0,008	0,232	FALSE
-0,090	0,283	-0,004	0,007	0,230	FALSE
0,046	0,302	0,002	0,013	0,050	FALSE
-0,076	0,290	-0,005	0,012	0,144	FALSE
-0,048	0,286	-0,003	0,012	0,093	FALSE
0,023	0,285	0,001	0,007	0,035	FALSE
-0,012	0,288	0,000	0,007	0,010	FALSE
-0,015	0,293	0,000	0,007	0,004	FALSE
0,020	0,277	0,001	0,007	0,049	FALSE
0,007	0,291	0,000	0,007	0,017	FALSE
0,034	0,293	0,001	0,006	0,058	FALSE
-0,056	0,292	-0,001	0,008	0,051	FALSE
-0,056	0,286	-0,001	0,008	0,046	FALSE
0,072	0,287	0,001	0,007	0,044	FALSE
-0,041	0,288	-0,001	0,008	0,053	FALSE
0,086	0,297	0,002	0,008	0,095	FALSE
0,014	0,287	0,000	0,009	0,005	FALSE
-0,012	0,289	-0,001	0,009	0,037	FALSE
-0,008	0,290	-0,001	0,008	0,047	FALSE
-0,001	0,277	-0,002	0,012	0,053	FALSE
-0,046	0,276	0,000	0,006	0,027	FALSE
-0,084	0,291	-0,002	0,007	0,144	FALSE
-0,115	0,298	-0,004	0,010	0,141	FALSE
0,060	0,287	0,004	0,012	0,123	FALSE
0,086	0,280	0,001	0,007	0,066	FALSE
0,048	0,287	0,000	0,008	0,010	FALSE
-0,099	0,293	-0,005	0,014	0,145	FALSE
0,117	0,292	0,002	0,007	0,111	FALSE
-0,074	0,289	-0,002	0,009	0,101	FALSE
-0,081	0,274	-0,002	0,009	0,070	FALSE
-0,039	0,294	-0,001	0,010	0,035	FALSE
-0,026	0,287	0,001	0,010	0,025	FALSE
0,007	0,288	0,000	0,010	0,007	FALSE
0,029	0,301	0,000	0,012	0,012	FALSE
-0,012	0,308	0,000	0,009	0,017	FALSE
-0,116	0,285	-0,002	0,007	0,130	FALSE
-0,006	0,294	0,001	0,011	0,048	FALSE
-0,028	0,304	0,001	0,009	0,022	FALSE
0,009	0,296	0,000	0,010	0,015	FALSE
0,105	0,290	0,002	0,007	0,078	FALSE

0,126	0,291	0,003	0,011	0,110	FALSE
-0,076	0,293	-0,003	0,013	0,072	FALSE
0,008	0,285	0,001	0,013	0,031	FALSE
0,035	0,288	0,003	0,013	0,079	FALSE
0,023	0,272	0,001	0,013	0,027	FALSE
0,013	0,286	0,001	0,007	0,065	FALSE
-0,110	0,271	-0,003	0,012	0,116	FALSE
-0,002	0,303	0,000	0,007	0,023	FALSE
0,013	0,305	0,000	0,010	0,007	FALSE
0,024	0,281	0,000	0,010	0,011	FALSE
-0,104	0,302	-0,003	0,011	0,095	FALSE
0,038	0,288	0,001	0,008	0,033	FALSE
0,168	0,289	0,007	0,011	0,273	FALSE
0,053	0,304	0,002	0,013	0,068	FALSE
0,006	0,273	0,002	0,008	0,102	FALSE
0,037	0,284	0,004	0,013	0,135	FALSE
0,049	0,276	0,005	0,013	0,160	FALSE
0,055	0,287	0,000	0,013	0,007	FALSE
0,059	0,287	0,002	0,006	0,106	FALSE
-0,087	0,287	-0,004	0,011	0,140	FALSE
-0,089	0,303	-0,001	0,007	0,058	FALSE
-0,111	0,297	-0,001	0,006	0,068	FALSE
0,067	0,293	0,002	0,007	0,105	FALSE
-0,118	0,288	-0,003	0,010	0,136	FALSE
-0,130	0,310	-0,004	0,010	0,168	FALSE
0,013	0,290	0,001	0,008	0,053	FALSE
0,070	0,277	0,002	0,007	0,122	FALSE
0,072	0,279	0,003	0,007	0,167	FALSE
0,045	0,275	0,002	0,007	0,109	FALSE
0,019	0,294	0,001	0,007	0,074	FALSE
-0,055	0,307	-0,002	0,008	0,102	FALSE
0,065	0,294	0,005	0,013	0,157	FALSE
-0,087	0,299	-0,003	0,010	0,127	FALSE
-0,057	0,283	-0,003	0,012	0,077	FALSE
0,062	0,304	0,002	0,013	0,048	FALSE
-0,108	0,281	-0,001	0,008	0,060	FALSE
-0,115	0,282	-0,002	0,008	0,078	FALSE
0,209	0,284	0,009	0,012	0,347	FALSE
-0,078	0,288	-0,003	0,009	0,129	FALSE
-0,151	0,281	-0,004	0,008	0,203	FALSE
-0,035	0,296	0,000	0,012	0,014	FALSE
-0,053	0,276	0,000	0,006	0,018	FALSE
0,061	0,297	0,002	0,006	0,090	FALSE
0,055	0,295	0,002	0,007	0,115	FALSE
0,000	0,288	-0,002	0,011	0,054	FALSE
0,105	0,295	0,004	0,012	0,123	FALSE
0,076	0,295	0,001	0,009	0,024	FALSE
0,219	0,277	0,005	0,007	0,336	FALSE
-0,009	0,289	-0,001	0,010	0,051	FALSE
0,085	0,298	0,003	0,009	0,114	FALSE
0,085	0,289	0,002	0,008	0,072	FALSE
0,017	0,291	0,000	0,009	0,016	FALSE
-0,018	0,303	-0,001	0,009	0,036	FALSE

-0,047	0,283	-0,002	0,009	0,074	FALSE
-0,100	0,285	-0,004	0,012	0,139	FALSE
0,005	0,291	0,001	0,010	0,052	FALSE
-0,065	0,286	-0,002	0,007	0,117	FALSE
-0,086	0,283	-0,003	0,007	0,149	FALSE
-0,136	0,277	-0,003	0,008	0,149	FALSE
0,170	0,296	0,004	0,009	0,193	FALSE
0,016	0,300	0,003	0,013	0,082	FALSE
0,005	0,297	0,000	0,009	0,001	FALSE
0,103	0,292	0,005	0,013	0,153	FALSE
0,079	0,302	0,004	0,013	0,107	FALSE
0,059	0,288	0,002	0,008	0,080	FALSE
0,031	0,291	0,000	0,012	0,004	FALSE
-0,012	0,289	-0,002	0,012	0,048	FALSE
0,044	0,285	0,002	0,007	0,087	FALSE
-0,001	0,282	0,001	0,009	0,034	FALSE
0,010	0,287	0,000	0,007	0,006	FALSE
-0,040	0,294	-0,002	0,013	0,061	FALSE
0,072	0,291	0,003	0,012	0,109	FALSE
0,015	0,284	0,002	0,013	0,045	FALSE
-0,020	0,291	-0,002	0,012	0,048	FALSE
0,021	0,279	0,002	0,012	0,055	FALSE
-0,031	0,282	0,000	0,009	0,001	FALSE
0,004	0,286	0,000	0,011	0,003	FALSE
0,005	0,276	0,000	0,011	0,004	FALSE
0,035	0,284	0,003	0,012	0,078	FALSE
0,075	0,308	0,003	0,014	0,096	FALSE
-0,125	0,285	-0,002	0,007	0,137	FALSE
0,000	0,299	0,000	0,009	0,009	FALSE
-0,129	0,299	-0,003	0,009	0,149	FALSE
0,011	0,292	0,001	0,012	0,037	FALSE
0,046	0,290	0,003	0,012	0,092	FALSE
-0,006	0,283	0,002	0,013	0,060	FALSE
0,139	0,289	0,007	0,013	0,224	FALSE
0,045	0,281	0,003	0,010	0,122	FALSE
0,026	0,299	0,001	0,012	0,038	FALSE
0,007	0,296	-0,001	0,008	0,036	FALSE
0,069	0,282	0,002	0,006	0,133	FALSE
0,017	0,302	0,001	0,010	0,020	FALSE
-0,091	0,283	-0,003	0,007	0,171	FALSE
0,039	0,296	0,000	0,013	0,006	FALSE
0,031	0,295	0,001	0,008	0,032	FALSE
-0,007	0,282	-0,001	0,008	0,056	FALSE
0,090	0,295	0,002	0,006	0,110	FALSE
-0,160	0,295	-0,004	0,007	0,252	FALSE
-0,019	0,285	0,000	0,007	0,012	FALSE
-0,055	0,292	-0,002	0,007	0,087	FALSE
0,162	0,276	0,006	0,012	0,212	FALSE
0,058	0,292	0,000	0,006	0,020	FALSE
-0,003	0,299	-0,001	0,008	0,046	FALSE
0,000	0,288	-0,001	0,007	0,054	FALSE
0,033	0,286	0,000	0,007	0,004	FALSE
0,140	0,290	0,005	0,012	0,182	FALSE

-0,153	0,276	-0,006	0,013	0,211	FALSE
0,111	0,281	0,004	0,007	0,233	FALSE
0,156	0,274	0,004	0,012	0,126	FALSE
-0,063	0,273	-0,002	0,012	0,056	FALSE
-0,083	0,290	-0,003	0,009	0,135	FALSE
0,078	0,288	0,002	0,007	0,110	FALSE
0,071	0,291	0,004	0,011	0,146	FALSE
-0,019	0,295	0,000	0,008	0,004	FALSE
0,021	0,291	0,001	0,007	0,072	FALSE
-0,006	0,287	-0,004	0,012	0,119	FALSE
0,053	0,288	0,001	0,008	0,064	FALSE
0,003	0,271	-0,002	0,010	0,066	FALSE
0,039	0,297	0,002	0,011	0,059	FALSE
0,081	0,297	0,002	0,012	0,064	FALSE
-0,027	0,294	-0,002	0,008	0,103	FALSE
0,106	0,307	0,004	0,009	0,169	FALSE
-0,053	0,303	-0,002	0,007	0,101	FALSE
-0,026	0,289	0,000	0,013	0,012	FALSE
0,085	0,286	0,001	0,007	0,077	FALSE
0,034	0,298	0,002	0,012	0,056	FALSE
-0,040	0,291	0,000	0,011	0,005	FALSE
-0,053	0,282	0,001	0,011	0,018	FALSE
-0,082	0,305	-0,002	0,011	0,069	FALSE
0,011	0,288	0,001	0,011	0,046	FALSE
0,092	0,289	0,003	0,007	0,170	FALSE
-0,001	0,301	0,001	0,013	0,034	FALSE
-0,150	0,276	-0,004	0,008	0,205	FALSE
0,115	0,290	0,003	0,008	0,123	FALSE
-0,152	0,279	-0,004	0,010	0,183	FALSE
0,021	0,288	0,001	0,009	0,056	FALSE
-0,171	0,285	-0,004	0,007	0,265	FALSE
0,021	0,282	0,001	0,007	0,033	FALSE
0,075	0,285	0,000	0,007	0,024	FALSE
0,113	0,277	0,003	0,007	0,215	FALSE
0,132	0,281	0,003	0,009	0,146	FALSE
0,122	0,292	0,004	0,011	0,161	FALSE
-0,089	0,287	-0,003	0,007	0,162	FALSE
0,082	0,292	0,002	0,011	0,066	FALSE
0,085	0,289	0,002	0,011	0,075	FALSE
-0,041	0,298	-0,002	0,010	0,080	FALSE
0,088	0,290	0,002	0,011	0,078	FALSE
0,080	0,282	0,003	0,009	0,105	FALSE
0,083	0,268	0,003	0,009	0,119	FALSE
0,160	0,287	0,005	0,009	0,240	FALSE
0,108	0,285	0,004	0,008	0,198	FALSE
0,126	0,304	0,005	0,013	0,158	FALSE
-0,029	0,292	0,000	0,011	0,014	FALSE
0,016	0,285	0,002	0,013	0,046	FALSE
0,032	0,299	0,002	0,010	0,090	FALSE
0,032	0,296	0,000	0,011	0,009	FALSE
0,019	0,284	0,002	0,012	0,049	FALSE
0,031	0,286	0,003	0,011	0,122	FALSE
0,035	0,298	0,002	0,013	0,050	FALSE

-0,009	0,281	0,000	0,012	0,010	FALSE
0,019	0,282	0,003	0,012	0,084	FALSE
-0,066	0,293	-0,003	0,011	0,114	FALSE
-0,009	0,295	-0,002	0,012	0,058	FALSE
0,075	0,275	0,002	0,007	0,116	FALSE
0,176	0,296	0,006	0,012	0,199	FALSE
0,085	0,285	0,002	0,009	0,114	FALSE
0,092	0,283	0,002	0,010	0,092	FALSE
-0,018	0,306	-0,001	0,012	0,039	FALSE
0,067	0,292	0,001	0,008	0,050	FALSE
0,142	0,282	0,005	0,011	0,211	FALSE
0,020	0,289	0,000	0,010	0,009	FALSE
-0,006	0,290	-0,001	0,012	0,017	FALSE
-0,021	0,304	-0,001	0,008	0,045	FALSE
0,031	0,299	0,002	0,014	0,066	FALSE
-0,017	0,289	0,001	0,007	0,028	FALSE
-0,109	0,290	-0,003	0,011	0,111	FALSE
-0,206	0,278	-0,007	0,013	0,237	FALSE
0,083	0,295	0,003	0,011	0,106	FALSE
-0,048	0,289	0,000	0,013	0,005	FALSE
-0,143	0,279	-0,003	0,007	0,202	FALSE
0,148	0,278	0,007	0,012	0,239	FALSE
0,175	0,282	0,005	0,007	0,340	FALSE
0,004	0,295	0,000	0,008	0,013	FALSE
-0,279	0,268	-0,011	0,013	0,428	FALSE
0,109	0,281	0,003	0,007	0,166	FALSE
0,171	0,283	0,005	0,008	0,291	FALSE
0,143	0,296	0,004	0,009	0,194	FALSE
0,053	0,289	0,002	0,009	0,092	FALSE
0,005	0,299	0,001	0,011	0,018	FALSE
0,047	0,296	0,000	0,008	0,014	FALSE
-0,073	0,282	-0,002	0,013	0,064	FALSE
0,008	0,290	-0,001	0,008	0,021	FALSE
-0,048	0,287	0,000	0,010	0,014	FALSE
-0,108	0,287	-0,005	0,011	0,180	FALSE
-0,022	0,286	0,000	0,013	0,011	FALSE
0,144	0,287	0,004	0,012	0,123	FALSE
-0,144	0,289	-0,003	0,007	0,168	FALSE
0,069	0,273	0,003	0,007	0,184	FALSE
-0,039	0,300	0,000	0,009	0,011	FALSE
-0,177	0,295	-0,004	0,007	0,209	FALSE
0,065	0,275	0,002	0,009	0,072	FALSE
-0,040	0,282	0,000	0,007	0,002	FALSE
-0,024	0,290	0,001	0,010	0,022	FALSE
0,065	0,292	0,003	0,008	0,122	FALSE
-0,081	0,289	-0,003	0,007	0,143	FALSE
-0,011	0,299	0,000	0,013	0,006	FALSE
-0,003	0,298	0,000	0,013	0,001	FALSE
0,060	0,285	0,001	0,010	0,053	FALSE
-0,045	0,279	0,000	0,012	0,014	FALSE
0,027	0,281	0,001	0,009	0,046	FALSE
-0,069	0,282	-0,001	0,011	0,040	FALSE
0,244	0,292	0,005	0,007	0,315	FALSE

0,007	0,289	0,000	0,010	0,006	FALSE
0,184	0,296	0,005	0,011	0,191	FALSE
0,031	0,275	0,000	0,006	0,021	FALSE
-0,148	0,287	-0,006	0,010	0,230	FALSE
-0,078	0,290	-0,001	0,011	0,036	FALSE
0,153	0,281	0,004	0,011	0,139	FALSE
-0,036	0,298	-0,001	0,007	0,067	FALSE
-0,101	0,279	-0,005	0,012	0,173	FALSE
-0,061	0,298	-0,001	0,007	0,064	FALSE
0,075	0,291	0,001	0,007	0,038	FALSE
0,079	0,294	0,003	0,013	0,075	FALSE
0,024	0,292	0,000	0,010	0,005	FALSE
0,031	0,291	0,002	0,013	0,045	FALSE
0,127	0,289	0,003	0,007	0,143	FALSE
0,012	0,298	0,000	0,010	0,010	FALSE
-0,020	0,285	-0,001	0,012	0,031	FALSE
0,087	0,284	0,003	0,010	0,132	FALSE
0,038	0,302	0,001	0,011	0,038	FALSE
0,029	0,290	0,002	0,013	0,060	FALSE
0,028	0,297	0,002	0,010	0,093	FALSE
0,073	0,283	0,001	0,007	0,053	FALSE
0,036	0,283	0,002	0,010	0,061	FALSE
0,113	0,278	0,006	0,013	0,184	FALSE
0,043	0,282	0,002	0,011	0,061	FALSE
-0,028	0,296	-0,001	0,011	0,018	FALSE
-0,040	0,293	-0,002	0,008	0,098	FALSE
0,058	0,288	0,001	0,013	0,022	FALSE
-0,051	0,286	-0,001	0,013	0,028	FALSE
-0,048	0,287	-0,001	0,009	0,028	FALSE
-0,065	0,284	-0,001	0,011	0,019	FALSE
-0,029	0,297	-0,001	0,009	0,054	FALSE
-0,009	0,305	0,000	0,009	0,006	FALSE
-0,101	0,283	-0,003	0,012	0,100	FALSE
0,120	0,305	0,002	0,007	0,119	FALSE
0,064	0,281	0,004	0,010	0,143	FALSE
0,158	0,284	0,004	0,013	0,125	FALSE
0,010	0,283	-0,001	0,008	0,047	FALSE
-0,105	0,292	-0,004	0,013	0,136	FALSE
-0,150	0,280	-0,005	0,008	0,273	FALSE
0,028	0,287	0,001	0,012	0,037	FALSE
0,018	0,281	0,001	0,010	0,025	FALSE
0,044	0,272	0,002	0,010	0,071	FALSE
-0,066	0,283	-0,006	0,011	0,241	FALSE
-0,048	0,292	-0,001	0,007	0,068	FALSE
-0,101	0,283	-0,001	0,008	0,063	FALSE
-0,007	0,275	-0,002	0,010	0,065	FALSE
0,009	0,296	0,000	0,008	0,023	FALSE
-0,005	0,293	0,000	0,007	0,026	FALSE
-0,152	0,277	-0,003	0,006	0,211	FALSE
0,064	0,292	0,001	0,010	0,039	FALSE
-0,025	0,299	0,000	0,013	0,012	FALSE
-0,036	0,290	-0,003	0,012	0,110	FALSE
-0,045	0,299	-0,001	0,009	0,046	FALSE

-0,074	0,293	-0,005	0,010	0,188	FALSE
-0,010	0,279	-0,001	0,006	0,049	FALSE
-0,019	0,272	-0,002	0,009	0,061	FALSE
-0,120	0,298	-0,002	0,006	0,146	FALSE
0,059	0,285	0,003	0,013	0,075	FALSE
0,069	0,291	0,002	0,008	0,101	FALSE
0,106	0,286	0,003	0,008	0,182	FALSE
-0,094	0,292	-0,002	0,008	0,099	FALSE
-0,004	0,291	0,002	0,010	0,060	FALSE
0,082	0,290	0,005	0,010	0,181	FALSE
0,077	0,295	0,002	0,008	0,121	FALSE
0,011	0,289	0,000	0,010	0,001	FALSE
0,094	0,299	0,004	0,013	0,140	FALSE
0,039	0,300	0,002	0,013	0,056	FALSE
0,037	0,294	0,002	0,012	0,056	FALSE
0,122	0,285	0,005	0,013	0,162	FALSE
0,085	0,296	0,003	0,012	0,098	FALSE
0,078	0,300	0,002	0,006	0,144	FALSE
-0,117	0,289	-0,005	0,013	0,139	FALSE
-0,068	0,292	-0,002	0,007	0,107	FALSE
-0,095	0,282	-0,003	0,007	0,150	FALSE
-0,069	0,287	-0,002	0,006	0,138	FALSE
0,017	0,293	-0,002	0,011	0,057	FALSE
0,181	0,288	0,006	0,009	0,315	FALSE
0,010	0,287	0,000	0,008	0,019	FALSE
-0,028	0,291	-0,003	0,010	0,098	FALSE
0,156	0,283	0,005	0,010	0,195	FALSE
0,178	0,299	0,006	0,012	0,227	FALSE
0,078	0,296	0,001	0,010	0,057	FALSE
0,122	0,286	0,003	0,010	0,137	FALSE
-0,099	0,282	-0,003	0,011	0,115	FALSE
0,190	0,289	0,007	0,012	0,235	FALSE
0,035	0,296	0,001	0,010	0,042	FALSE
0,119	0,293	0,002	0,007	0,092	FALSE
-0,138	0,284	-0,003	0,009	0,126	FALSE
-0,027	0,283	0,000	0,011	0,012	FALSE
0,020	0,278	0,000	0,008	0,009	FALSE
0,009	0,289	0,000	0,011	0,002	FALSE
-0,038	0,287	0,000	0,011	0,014	FALSE
0,187	0,283	0,006	0,009	0,295	FALSE
0,016	0,283	0,000	0,007	0,012	FALSE
0,034	0,296	0,001	0,013	0,028	FALSE
0,040	0,316	0,000	0,010	0,010	FALSE
0,064	0,287	0,002	0,010	0,079	FALSE
0,015	0,290	0,000	0,010	0,015	FALSE
0,035	0,286	0,001	0,008	0,060	FALSE
0,018	0,294	0,000	0,007	0,014	FALSE
-0,033	0,290	-0,002	0,012	0,057	FALSE
-0,096	0,299	-0,003	0,009	0,140	FALSE
0,020	0,295	-0,001	0,012	0,021	FALSE
-0,012	0,285	0,000	0,008	0,021	FALSE
0,044	0,291	0,002	0,009	0,091	FALSE
0,002	0,293	-0,001	0,012	0,037	FALSE

0,026	0,284	-0,001	0,013	0,026	FALSE
0,091	0,298	0,003	0,013	0,074	FALSE
-0,026	0,273	0,001	0,007	0,029	FALSE
-0,088	0,288	-0,002	0,006	0,134	FALSE
-0,043	0,283	0,000	0,007	0,000	FALSE
-0,021	0,289	-0,002	0,008	0,105	FALSE
0,050	0,288	0,001	0,012	0,029	FALSE
0,173	0,288	0,006	0,008	0,359	FALSE
0,031	0,288	0,000	0,008	0,019	FALSE
-0,035	0,293	0,000	0,006	0,009	FALSE
-0,002	0,290	-0,001	0,010	0,017	FALSE
-0,025	0,283	-0,001	0,010	0,032	FALSE
0,114	0,287	0,004	0,011	0,128	FALSE
-0,146	0,296	-0,006	0,013	0,191	FALSE
0,195	0,280	0,010	0,012	0,373	FALSE
0,194	0,282	0,010	0,013	0,347	FALSE
-0,136	0,267	-0,005	0,010	0,201	FALSE
-0,053	0,283	-0,003	0,009	0,108	FALSE
-0,105	0,313	-0,005	0,014	0,151	FALSE
-0,033	0,292	-0,002	0,010	0,087	FALSE
-0,078	0,280	-0,001	0,006	0,068	FALSE
-0,007	0,290	0,000	0,009	0,011	FALSE
-0,071	0,284	-0,003	0,009	0,105	FALSE
-0,024	0,288	-0,001	0,009	0,046	FALSE
0,047	0,284	0,003	0,012	0,093	FALSE
0,050	0,290	0,001	0,007	0,069	FALSE
0,032	0,289	0,001	0,012	0,028	FALSE
-0,048	0,291	-0,003	0,013	0,099	FALSE
0,086	0,292	0,002	0,007	0,078	FALSE
-0,097	0,277	-0,001	0,006	0,049	FALSE
-0,092	0,273	-0,001	0,006	0,039	FALSE
0,192	0,287	0,006	0,008	0,315	FALSE
0,205	0,270	0,007	0,009	0,384	FALSE
-0,044	0,290	-0,001	0,008	0,047	FALSE
0,121	0,288	0,003	0,007	0,175	FALSE
0,057	0,289	0,001	0,007	0,043	FALSE
0,100	0,294	0,002	0,007	0,143	FALSE
0,025	0,281	0,002	0,007	0,080	FALSE
0,033	0,282	0,000	0,013	0,008	FALSE
0,024	0,287	0,000	0,007	0,003	FALSE
0,053	0,302	0,003	0,011	0,093	FALSE
0,062	0,299	0,004	0,011	0,136	FALSE
0,037	0,293	0,000	0,008	0,003	FALSE
-0,140	0,288	-0,003	0,006	0,215	FALSE
0,157	0,284	0,006	0,013	0,184	FALSE
-0,019	0,271	0,000	0,008	0,011	FALSE
0,028	0,286	0,002	0,009	0,072	FALSE
0,017	0,289	0,002	0,009	0,069	FALSE
0,019	0,291	0,001	0,009	0,058	FALSE
0,110	0,297	0,001	0,007	0,062	FALSE
-0,253	0,289	-0,007	0,009	0,378	FALSE
-0,257	0,281	-0,008	0,009	0,421	FALSE
0,105	0,298	0,001	0,007	0,072	FALSE

-0,014	0,298	-0,001	0,012	0,034	FALSE
-0,136	0,292	-0,003	0,008	0,164	FALSE
-0,088	0,292	-0,004	0,010	0,150	FALSE
0,039	0,302	0,000	0,009	0,015	FALSE
-0,058	0,297	-0,003	0,013	0,082	FALSE
-0,093	0,287	-0,001	0,006	0,070	FALSE
-0,036	0,298	0,000	0,009	0,006	FALSE
0,000	0,298	0,000	0,011	0,006	FALSE
-0,084	0,303	-0,003	0,010	0,118	FALSE
0,082	0,295	0,001	0,007	0,075	FALSE
0,120	0,284	0,004	0,012	0,139	FALSE
-0,041	0,295	-0,001	0,013	0,024	FALSE
-0,094	0,291	-0,003	0,012	0,101	FALSE
-0,051	0,280	-0,002	0,009	0,092	FALSE
0,097	0,281	0,002	0,007	0,107	FALSE
0,089	0,278	0,002	0,007	0,086	FALSE
0,034	0,280	0,001	0,007	0,032	FALSE
-0,153	0,278	-0,005	0,012	0,157	FALSE
0,120	0,298	0,004	0,013	0,117	FALSE
0,201	0,269	0,004	0,013	0,133	FALSE
0,059	0,296	0,003	0,013	0,086	FALSE
-0,025	0,290	0,000	0,009	0,008	FALSE
-0,071	0,276	-0,001	0,007	0,064	FALSE
0,029	0,306	0,002	0,013	0,057	FALSE
-0,071	0,302	-0,004	0,011	0,128	FALSE
0,000	0,287	-0,001	0,008	0,031	FALSE
0,146	0,271	0,005	0,009	0,237	FALSE
0,087	0,289	0,001	0,006	0,090	FALSE
0,064	0,303	0,001	0,008	0,030	FALSE
0,058	0,284	0,004	0,012	0,141	FALSE
-0,076	0,286	-0,003	0,011	0,116	FALSE
0,083	0,294	0,002	0,007	0,114	FALSE
0,000	0,278	0,001	0,009	0,063	FALSE
-0,121	0,287	-0,004	0,011	0,141	FALSE
-0,047	0,275	-0,001	0,006	0,084	FALSE
-0,106	0,290	-0,003	0,012	0,102	FALSE
-0,096	0,285	-0,003	0,012	0,090	FALSE
-0,116	0,290	-0,002	0,008	0,105	FALSE
0,056	0,286	-0,001	0,007	0,053	FALSE
0,087	0,278	0,004	0,008	0,212	FALSE
-0,102	0,295	-0,003	0,007	0,146	FALSE
0,153	0,294	0,007	0,012	0,224	FALSE
-0,011	0,300	0,000	0,007	0,021	FALSE
0,010	0,288	0,001	0,012	0,027	FALSE
-0,040	0,298	-0,003	0,012	0,087	FALSE
-0,110	0,290	-0,004	0,012	0,145	FALSE
0,116	0,297	0,004	0,011	0,150	FALSE
-0,137	0,290	-0,005	0,010	0,188	FALSE
-0,113	0,300	-0,006	0,013	0,189	FALSE
-0,174	0,278	-0,004	0,009	0,196	FALSE
0,019	0,303	0,001	0,008	0,061	FALSE
-0,004	0,291	0,001	0,008	0,026	FALSE
0,037	0,270	0,001	0,009	0,056	FALSE

-0,012	0,285	0,001	0,010	0,039	FALSE
-0,051	0,288	-0,002	0,009	0,081	FALSE
-0,076	0,299	-0,002	0,009	0,103	FALSE
0,022	0,282	-0,001	0,011	0,022	FALSE
-0,021	0,273	0,001	0,009	0,053	FALSE
0,301	0,263	0,011	0,012	0,460	FALSE
0,015	0,271	0,002	0,006	0,124	FALSE
-0,048	0,292	-0,001	0,010	0,048	FALSE
-0,056	0,299	0,000	0,008	0,006	FALSE
0,165	0,281	0,006	0,010	0,240	FALSE
0,030	0,291	0,002	0,009	0,088	FALSE
-0,058	0,289	-0,002	0,013	0,055	FALSE
0,002	0,304	-0,001	0,007	0,034	FALSE
-0,047	0,289	0,000	0,009	0,017	FALSE
0,059	0,297	0,001	0,008	0,027	FALSE
-0,128	0,296	-0,003	0,008	0,145	FALSE
-0,120	0,292	-0,006	0,013	0,177	FALSE
0,177	0,280	0,007	0,012	0,272	FALSE
0,115	0,286	0,001	0,008	0,055	FALSE
-0,105	0,277	-0,002	0,008	0,105	FALSE
0,128	0,284	0,003	0,013	0,096	FALSE
-0,076	0,295	-0,003	0,009	0,114	FALSE
0,018	0,288	0,000	0,008	0,014	FALSE
-0,024	0,285	-0,002	0,012	0,053	FALSE
-0,064	0,287	-0,002	0,009	0,103	FALSE
0,062	0,293	0,002	0,007	0,114	FALSE
-0,082	0,288	-0,002	0,007	0,087	FALSE
0,095	0,292	0,005	0,010	0,192	FALSE
-0,062	0,293	-0,001	0,008	0,033	FALSE
0,003	0,300	-0,002	0,012	0,050	FALSE
0,026	0,301	0,000	0,013	0,008	FALSE
0,019	0,285	0,000	0,012	0,013	FALSE
0,030	0,285	0,001	0,013	0,021	FALSE
0,023	0,279	0,000	0,013	0,005	FALSE
-0,024	0,285	0,001	0,012	0,015	FALSE
-0,064	0,282	-0,001	0,009	0,059	FALSE
0,029	0,287	0,001	0,008	0,066	FALSE
-0,083	0,295	-0,002	0,007	0,090	FALSE
-0,008	0,303	0,000	0,007	0,026	FALSE
-0,139	0,289	-0,003	0,007	0,159	FALSE
-0,064	0,289	-0,002	0,010	0,080	FALSE
0,020	0,296	0,001	0,008	0,028	FALSE
0,012	0,300	0,000	0,007	0,013	FALSE
0,058	0,290	0,003	0,009	0,114	FALSE
0,139	0,291	0,002	0,007	0,110	FALSE
0,099	0,286	0,005	0,013	0,160	FALSE
-0,041	0,285	-0,001	0,012	0,024	FALSE
-0,057	0,302	-0,002	0,013	0,065	FALSE
-0,033	0,286	-0,002	0,012	0,077	FALSE
-0,089	0,286	-0,003	0,013	0,099	FALSE
0,012	0,313	0,002	0,013	0,046	FALSE
0,072	0,287	0,001	0,007	0,067	FALSE
-0,018	0,290	-0,001	0,009	0,035	FALSE

-0,127	0,284	-0,003	0,006	0,214	FALSE
0,005	0,293	0,001	0,010	0,036	FALSE
-0,010	0,304	-0,001	0,013	0,020	FALSE
0,021	0,287	0,001	0,012	0,027	FALSE
-0,088	0,283	-0,001	0,006	0,084	FALSE
-0,022	0,306	-0,001	0,013	0,020	FALSE
0,064	0,290	0,002	0,013	0,051	FALSE
-0,001	0,290	-0,001	0,011	0,038	FALSE
0,053	0,282	0,000	0,007	0,003	FALSE
0,102	0,287	0,004	0,008	0,181	FALSE
0,097	0,280	0,002	0,009	0,068	FALSE
-0,007	0,286	0,000	0,009	0,017	FALSE
-0,064	0,295	-0,003	0,013	0,082	FALSE
-0,129	0,292	-0,008	0,012	0,276	FALSE
-0,047	0,287	-0,001	0,008	0,064	FALSE
0,116	0,301	0,004	0,011	0,135	FALSE
0,022	0,277	-0,001	0,012	0,040	FALSE
0,017	0,291	0,001	0,007	0,040	FALSE
0,193	0,273	0,007	0,009	0,390	FALSE
-0,096	0,300	-0,002	0,008	0,101	FALSE
0,075	0,289	0,002	0,008	0,109	FALSE
-0,045	0,292	-0,002	0,012	0,077	FALSE
0,018	0,289	0,000	0,007	0,002	FALSE
-0,144	0,295	-0,005	0,012	0,165	FALSE
-0,020	0,288	-0,001	0,012	0,045	FALSE
-0,011	0,295	-0,001	0,008	0,052	FALSE
-0,002	0,293	-0,003	0,012	0,101	FALSE
-0,044	0,286	-0,002	0,008	0,113	FALSE
0,008	0,292	0,000	0,007	0,015	FALSE
0,044	0,281	0,001	0,012	0,033	FALSE
-0,062	0,294	-0,002	0,006	0,096	FALSE
0,232	0,279	0,010	0,012	0,386	FALSE
-0,066	0,268	-0,003	0,007	0,174	FALSE
0,133	0,286	0,004	0,012	0,120	FALSE
0,159	0,278	0,003	0,007	0,202	FALSE
-0,146	0,289	-0,003	0,007	0,184	FALSE
-0,051	0,296	-0,002	0,013	0,046	FALSE
0,129	0,271	0,004	0,009	0,161	FALSE
0,058	0,291	0,003	0,011	0,128	FALSE
-0,023	0,282	-0,002	0,010	0,086	FALSE
0,022	0,291	0,000	0,007	0,021	FALSE
0,048	0,281	0,003	0,009	0,120	FALSE
-0,075	0,299	-0,003	0,008	0,127	FALSE
-0,133	0,288	-0,003	0,009	0,130	FALSE
-0,009	0,309	-0,001	0,008	0,031	FALSE
0,071	0,273	0,002	0,012	0,063	FALSE
0,041	0,286	0,001	0,012	0,026	FALSE
-0,129	0,287	-0,003	0,006	0,174	FALSE
0,102	0,281	0,003	0,007	0,159	FALSE
-0,006	0,294	0,000	0,006	0,015	FALSE
-0,009	0,298	-0,002	0,008	0,109	FALSE
-0,040	0,279	-0,003	0,012	0,081	FALSE
-0,023	0,285	-0,002	0,012	0,071	FALSE

-0,055	0,297	-0,002	0,010	0,068	FALSE
0,059	0,288	0,003	0,009	0,118	FALSE
-0,019	0,293	-0,001	0,007	0,063	FALSE
-0,072	0,278	-0,002	0,013	0,051	FALSE
0,027	0,294	-0,001	0,008	0,026	FALSE
-0,059	0,289	-0,001	0,010	0,020	FALSE
0,035	0,299	0,002	0,009	0,090	FALSE
0,057	0,286	0,004	0,012	0,146	FALSE
-0,067	0,294	0,000	0,013	0,005	FALSE
0,054	0,302	0,002	0,009	0,079	FALSE
0,130	0,280	0,005	0,012	0,150	FALSE
-0,019	0,311	0,000	0,013	0,008	FALSE
0,065	0,287	0,003	0,009	0,104	FALSE
-0,134	0,277	-0,005	0,010	0,201	FALSE
0,061	0,292	0,001	0,008	0,040	FALSE
-0,061	0,269	-0,002	0,010	0,059	FALSE
0,113	0,272	0,004	0,013	0,111	FALSE
0,135	0,282	0,004	0,013	0,136	FALSE
0,095	0,287	0,002	0,009	0,073	FALSE
-0,084	0,288	-0,005	0,013	0,141	FALSE
0,112	0,292	0,003	0,007	0,155	FALSE
0,004	0,297	0,000	0,012	0,001	FALSE
-0,052	0,292	0,000	0,007	0,024	FALSE
-0,034	0,286	-0,001	0,012	0,018	FALSE
-0,076	0,295	-0,002	0,008	0,076	FALSE
-0,017	0,303	-0,001	0,009	0,020	FALSE
0,017	0,289	0,001	0,009	0,059	FALSE
-0,024	0,284	0,000	0,007	0,020	FALSE
0,019	0,283	0,001	0,007	0,046	FALSE
-0,034	0,272	0,000	0,006	0,009	FALSE
-0,045	0,289	-0,001	0,009	0,037	FALSE
0,013	0,289	0,000	0,007	0,013	FALSE
0,011	0,288	0,001	0,012	0,025	FALSE
0,028	0,310	0,002	0,014	0,045	FALSE
0,106	0,287	0,005	0,012	0,162	FALSE
-0,053	0,293	0,000	0,009	0,017	FALSE
-0,037	0,289	0,001	0,013	0,016	FALSE
0,008	0,289	0,001	0,009	0,031	FALSE
-0,182	0,276	-0,007	0,012	0,268	FALSE
-0,166	0,275	-0,004	0,007	0,256	FALSE
0,049	0,293	0,001	0,007	0,077	FALSE
-0,043	0,287	-0,002	0,007	0,119	FALSE
-0,043	0,284	-0,003	0,013	0,099	FALSE
0,038	0,297	0,002	0,009	0,073	FALSE
0,018	0,304	0,002	0,011	0,057	FALSE
-0,150	0,283	-0,003	0,006	0,208	FALSE
0,131	0,289	0,005	0,012	0,173	FALSE
-0,052	0,285	-0,002	0,013	0,065	FALSE
0,011	0,274	-0,001	0,011	0,020	FALSE
-0,062	0,296	-0,002	0,008	0,076	FALSE
-0,018	0,303	0,000	0,007	0,009	FALSE
0,042	0,287	0,004	0,013	0,136	FALSE
-0,089	0,297	-0,004	0,013	0,128	FALSE

-0,029	0,290	-0,001	0,007	0,027	FALSE
-0,131	0,299	-0,005	0,013	0,160	FALSE
-0,011	0,288	0,000	0,010	0,007	FALSE
0,092	0,296	0,004	0,013	0,121	FALSE
0,111	0,304	0,005	0,012	0,146	FALSE
-0,027	0,293	-0,001	0,010	0,046	FALSE
-0,109	0,281	-0,003	0,008	0,128	FALSE
-0,066	0,292	-0,001	0,007	0,078	FALSE
0,004	0,287	-0,001	0,010	0,034	FALSE
0,050	0,301	0,001	0,013	0,035	FALSE
0,112	0,299	0,003	0,009	0,119	FALSE
0,046	0,291	0,001	0,010	0,039	FALSE
-0,115	0,286	-0,005	0,009	0,238	FALSE
-0,010	0,286	-0,001	0,012	0,023	FALSE
0,028	0,291	0,002	0,010	0,066	FALSE
0,016	0,287	0,001	0,011	0,045	FALSE
0,008	0,284	0,001	0,011	0,037	FALSE
-0,059	0,285	-0,001	0,008	0,066	FALSE
0,049	0,300	0,001	0,007	0,030	FALSE
0,002	0,297	-0,001	0,011	0,017	FALSE
-0,005	0,301	0,000	0,007	0,014	FALSE
0,066	0,294	0,004	0,013	0,112	FALSE
0,055	0,279	0,004	0,012	0,120	FALSE
0,006	0,296	0,000	0,008	0,019	FALSE
0,126	0,290	0,003	0,008	0,136	FALSE
0,114	0,299	0,004	0,009	0,179	FALSE
0,087	0,280	0,003	0,008	0,152	FALSE
-0,024	0,295	-0,002	0,013	0,055	FALSE
-0,039	0,287	-0,001	0,011	0,017	FALSE
0,059	0,293	0,002	0,007	0,104	FALSE
-0,117	0,297	-0,003	0,007	0,159	FALSE
0,020	0,285	0,000	0,006	0,021	FALSE
-0,117	0,288	-0,005	0,009	0,226	FALSE
-0,158	0,288	-0,006	0,009	0,306	FALSE
-0,149	0,285	-0,006	0,009	0,284	FALSE
-0,077	0,296	-0,002	0,009	0,075	FALSE
-0,016	0,289	-0,002	0,007	0,082	FALSE
-0,113	0,277	-0,003	0,008	0,128	FALSE
-0,054	0,303	-0,001	0,007	0,057	FALSE
-0,033	0,293	-0,001	0,007	0,070	FALSE
-0,052	0,281	0,000	0,008	0,010	FALSE
0,024	0,287	0,000	0,008	0,020	FALSE
-0,091	0,284	-0,002	0,008	0,073	FALSE
0,007	0,303	0,000	0,011	0,010	FALSE
-0,012	0,299	0,000	0,007	0,008	FALSE
-0,111	0,286	-0,007	0,012	0,254	FALSE
0,050	0,280	0,001	0,009	0,041	FALSE
0,053	0,290	0,001	0,007	0,030	FALSE
-0,096	0,279	-0,003	0,011	0,094	FALSE
0,063	0,296	0,002	0,007	0,097	FALSE
-0,057	0,291	-0,003	0,013	0,096	FALSE
-0,040	0,291	-0,001	0,008	0,055	FALSE
-0,110	0,275	-0,004	0,008	0,202	FALSE

0,007	0,290	0,000	0,011	0,014	FALSE
0,031	0,286	0,001	0,008	0,034	FALSE
-0,034	0,302	-0,002	0,007	0,095	FALSE
-0,046	0,279	-0,002	0,006	0,134	FALSE
-0,028	0,282	-0,003	0,010	0,113	FALSE
-0,010	0,276	-0,002	0,010	0,086	FALSE
-0,083	0,284	-0,001	0,006	0,075	FALSE
0,022	0,297	-0,001	0,010	0,020	FALSE
0,086	0,298	0,003	0,010	0,104	FALSE
0,055	0,290	0,002	0,012	0,062	FALSE
-0,081	0,289	-0,002	0,007	0,104	FALSE
0,124	0,288	0,003	0,008	0,144	FALSE
-0,066	0,284	-0,002	0,006	0,112	FALSE
0,196	0,282	0,006	0,009	0,288	FALSE
-0,015	0,277	-0,001	0,007	0,073	FALSE
0,144	0,296	0,004	0,011	0,173	FALSE
-0,016	0,284	-0,002	0,008	0,117	FALSE
0,077	0,286	0,002	0,007	0,110	FALSE
-0,075	0,280	-0,003	0,010	0,143	FALSE
-0,035	0,292	-0,002	0,011	0,060	FALSE
0,002	0,298	0,000	0,012	0,012	FALSE
-0,087	0,290	-0,003	0,013	0,096	FALSE
0,095	0,298	0,003	0,010	0,116	FALSE
0,098	0,297	0,003	0,010	0,119	FALSE
0,101	0,297	0,003	0,010	0,110	FALSE
0,069	0,297	0,002	0,010	0,085	FALSE
-0,026	0,300	0,000	0,009	0,010	FALSE
-0,063	0,291	-0,001	0,012	0,019	FALSE
-0,016	0,282	-0,002	0,011	0,076	FALSE
0,063	0,267	0,000	0,010	0,007	FALSE
-0,005	0,288	-0,001	0,007	0,038	FALSE
-0,059	0,294	-0,001	0,009	0,031	FALSE
-0,210	0,286	-0,004	0,007	0,258	FALSE
-0,023	0,286	0,000	0,010	0,014	FALSE
-0,179	0,278	-0,008	0,012	0,273	FALSE
0,051	0,286	0,001	0,013	0,033	FALSE
0,089	0,278	0,001	0,008	0,026	FALSE
0,130	0,290	0,005	0,008	0,252	FALSE
0,063	0,292	0,000	0,007	0,011	FALSE
0,033	0,296	-0,001	0,011	0,039	FALSE
-0,149	0,284	-0,004	0,010	0,150	FALSE
-0,064	0,295	-0,002	0,009	0,073	FALSE
-0,013	0,299	-0,001	0,008	0,035	FALSE
0,061	0,285	0,001	0,007	0,072	FALSE
0,027	0,290	0,000	0,010	0,007	FALSE
-0,208	0,273	-0,006	0,009	0,282	FALSE
-0,140	0,288	-0,004	0,009	0,180	FALSE
-0,038	0,285	-0,003	0,008	0,142	FALSE
-0,001	0,286	0,000	0,007	0,006	FALSE
-0,021	0,308	0,000	0,013	0,003	FALSE
-0,153	0,278	-0,005	0,009	0,255	FALSE
0,106	0,290	0,001	0,006	0,056	FALSE
0,147	0,289	0,006	0,009	0,290	FALSE

0,056	0,285	0,000	0,006	0,015	FALSE
-0,093	0,283	-0,004	0,011	0,132	FALSE
0,031	0,297	0,001	0,011	0,027	FALSE
-0,141	0,276	-0,005	0,011	0,204	FALSE
-0,042	0,294	0,000	0,009	0,019	FALSE
0,119	0,291	0,003	0,008	0,138	FALSE
-0,080	0,303	-0,001	0,007	0,055	FALSE
-0,072	0,300	-0,003	0,013	0,079	FALSE
-0,016	0,302	0,000	0,011	0,014	FALSE
-0,005	0,282	0,000	0,007	0,017	FALSE
0,083	0,303	0,004	0,011	0,134	FALSE
0,128	0,281	0,001	0,007	0,049	FALSE
0,024	0,284	0,001	0,006	0,037	FALSE
-0,030	0,276	-0,002	0,011	0,073	FALSE
0,133	0,290	0,004	0,011	0,137	FALSE
0,049	0,296	0,001	0,008	0,057	FALSE
0,151	0,292	0,005	0,012	0,165	FALSE
-0,096	0,297	-0,002	0,007	0,093	FALSE
0,015	0,293	0,001	0,010	0,030	FALSE
0,037	0,289	0,002	0,008	0,090	FALSE
0,040	0,286	0,002	0,008	0,089	FALSE
-0,221	0,270	-0,004	0,008	0,232	FALSE
-0,038	0,286	-0,001	0,008	0,046	FALSE
-0,010	0,298	-0,001	0,007	0,058	FALSE
0,151	0,270	0,006	0,011	0,228	FALSE
0,110	0,279	0,004	0,007	0,223	FALSE
0,041	0,292	0,002	0,008	0,073	FALSE
0,081	0,288	0,003	0,010	0,119	FALSE
-0,190	0,274	-0,006	0,011	0,244	FALSE
-0,121	0,278	-0,006	0,013	0,189	FALSE
0,106	0,293	0,003	0,008	0,150	FALSE
-0,131	0,290	-0,005	0,011	0,185	FALSE
0,111	0,281	0,003	0,007	0,165	FALSE
-0,022	0,286	-0,002	0,008	0,078	FALSE
0,081	0,290	0,002	0,007	0,122	FALSE
0,054	0,297	0,002	0,013	0,064	FALSE
0,034	0,284	0,002	0,008	0,085	FALSE
0,140	0,287	0,003	0,010	0,142	FALSE
-0,021	0,279	-0,001	0,007	0,049	FALSE
0,046	0,290	0,000	0,006	0,011	FALSE
-0,076	0,309	-0,002	0,009	0,102	FALSE
0,234	0,288	0,006	0,007	0,392	FALSE
0,091	0,286	0,000	0,007	0,019	FALSE
0,023	0,307	0,001	0,012	0,035	FALSE
0,024	0,297	0,001	0,012	0,029	FALSE
-0,237	0,291	-0,009	0,013	0,318	FALSE
0,091	0,287	0,006	0,013	0,197	FALSE
-0,135	0,295	-0,003	0,009	0,125	FALSE
-0,082	0,295	-0,004	0,013	0,103	FALSE
-0,015	0,294	0,000	0,012	0,004	FALSE
0,043	0,298	0,001	0,007	0,043	FALSE
-0,066	0,282	-0,001	0,006	0,072	FALSE
-0,017	0,281	0,000	0,013	0,003	FALSE

0,142	0,291	0,003	0,007	0,154	FALSE
0,074	0,288	0,002	0,008	0,106	FALSE
0,055	0,278	0,002	0,006	0,108	FALSE
-0,030	0,280	-0,001	0,012	0,031	FALSE
-0,112	0,290	-0,002	0,007	0,103	FALSE
-0,005	0,279	0,001	0,006	0,031	FALSE
0,129	0,288	0,002	0,009	0,113	FALSE
-0,072	0,289	-0,001	0,006	0,073	FALSE
0,101	0,296	0,003	0,008	0,147	FALSE
0,029	0,310	0,001	0,012	0,015	FALSE
0,036	0,303	0,002	0,011	0,075	FALSE
0,117	0,281	0,002	0,007	0,120	FALSE
0,086	0,278	0,003	0,008	0,165	FALSE
0,015	0,295	0,000	0,008	0,004	FALSE
-0,031	0,286	-0,001	0,009	0,032	FALSE
-0,121	0,283	-0,003	0,008	0,128	FALSE
0,046	0,301	0,000	0,010	0,000	FALSE
0,061	0,288	0,001	0,011	0,045	FALSE
-0,022	0,298	-0,002	0,010	0,092	FALSE
0,037	0,291	-0,001	0,011	0,028	FALSE
-0,083	0,286	-0,002	0,009	0,085	FALSE
0,000	0,280	0,000	0,008	0,011	FALSE
-0,026	0,287	0,000	0,012	0,006	FALSE
-0,124	0,292	-0,005	0,012	0,147	FALSE
-0,080	0,295	-0,002	0,007	0,135	FALSE
-0,162	0,290	-0,006	0,012	0,212	FALSE
0,039	0,292	0,000	0,007	0,005	FALSE
0,007	0,286	0,001	0,009	0,041	FALSE
0,038	0,284	0,000	0,007	0,016	FALSE
-0,065	0,280	-0,003	0,011	0,113	FALSE
0,007	0,297	0,000	0,006	0,021	FALSE
0,042	0,281	0,004	0,013	0,124	FALSE
0,029	0,302	0,000	0,007	0,006	FALSE
0,104	0,307	0,002	0,009	0,096	FALSE
0,035	0,293	0,000	0,013	0,007	FALSE
0,242	0,286	0,007	0,008	0,392	FALSE
0,033	0,287	0,001	0,012	0,029	FALSE
-0,128	0,275	-0,002	0,007	0,124	FALSE
-0,030	0,289	-0,002	0,013	0,049	FALSE
0,045	0,289	0,002	0,013	0,061	FALSE
-0,061	0,300	-0,001	0,010	0,039	FALSE
0,029	0,282	0,001	0,010	0,054	FALSE
0,095	0,292	0,001	0,006	0,080	FALSE
-0,200	0,272	-0,004	0,009	0,209	FALSE
-0,143	0,291	-0,003	0,008	0,156	FALSE
-0,203	0,285	-0,004	0,009	0,197	FALSE
-0,126	0,289	-0,002	0,010	0,061	FALSE
0,100	0,293	0,003	0,010	0,120	FALSE
-0,163	0,293	-0,005	0,011	0,191	FALSE
-0,010	0,296	0,001	0,007	0,038	FALSE
-0,106	0,281	-0,004	0,009	0,184	FALSE
-0,075	0,287	-0,002	0,008	0,079	FALSE
0,099	0,277	0,002	0,008	0,091	FALSE

0,166	0,293	0,005	0,011	0,195	FALSE
0,031	0,286	0,001	0,008	0,061	FALSE
0,070	0,288	0,001	0,011	0,029	FALSE
0,128	0,299	0,004	0,012	0,139	FALSE
0,037	0,297	0,000	0,007	0,006	FALSE
0,009	0,286	-0,001	0,008	0,031	FALSE
0,015	0,294	0,000	0,013	0,002	FALSE
0,059	0,286	0,001	0,007	0,040	FALSE
0,102	0,294	0,002	0,008	0,108	FALSE
0,091	0,287	0,005	0,012	0,184	FALSE
0,067	0,287	0,001	0,010	0,030	FALSE
0,026	0,296	0,001	0,010	0,023	FALSE
-0,010	0,276	-0,001	0,008	0,028	FALSE
0,014	0,294	0,001	0,010	0,044	FALSE
0,007	0,292	0,001	0,008	0,032	FALSE
0,070	0,285	0,002	0,008	0,088	FALSE
-0,199	0,283	-0,006	0,012	0,211	FALSE
-0,168	0,271	-0,005	0,012	0,161	FALSE
-0,181	0,277	-0,005	0,012	0,176	FALSE
-0,223	0,262	-0,006	0,009	0,314	FALSE
-0,170	0,263	-0,004	0,008	0,196	FALSE
-0,162	0,286	-0,005	0,011	0,184	FALSE
-0,114	0,284	-0,002	0,007	0,130	FALSE
-0,006	0,283	0,001	0,007	0,042	FALSE
0,112	0,299	0,003	0,009	0,141	FALSE
0,009	0,302	-0,001	0,007	0,026	FALSE
-0,015	0,302	0,000	0,008	0,004	FALSE
0,060	0,291	0,000	0,006	0,026	FALSE
-0,005	0,275	0,000	0,012	0,015	FALSE
-0,109	0,296	-0,004	0,013	0,127	FALSE
0,159	0,283	0,005	0,011	0,190	FALSE
0,016	0,289	0,001	0,010	0,052	FALSE
-0,038	0,289	-0,002	0,007	0,091	FALSE
-0,017	0,290	-0,001	0,011	0,047	FALSE
-0,003	0,290	-0,001	0,009	0,044	FALSE
-0,115	0,295	-0,003	0,007	0,199	FALSE
-0,016	0,299	-0,002	0,009	0,079	FALSE
0,011	0,280	0,002	0,012	0,064	FALSE
0,059	0,280	0,002	0,008	0,121	FALSE
-0,073	0,299	-0,002	0,008	0,102	FALSE
0,039	0,281	0,002	0,008	0,073	FALSE
0,035	0,291	0,005	0,013	0,141	FALSE
0,149	0,284	0,007	0,010	0,320	FALSE
-0,173	0,277	-0,005	0,007	0,278	FALSE
-0,050	0,293	-0,001	0,008	0,048	FALSE
-0,001	0,295	0,000	0,009	0,003	FALSE
-0,008	0,290	-0,001	0,008	0,059	FALSE
-0,015	0,295	-0,001	0,008	0,038	FALSE
0,109	0,301	0,003	0,007	0,181	FALSE
-0,128	0,277	-0,002	0,007	0,145	FALSE
-0,058	0,292	-0,001	0,011	0,038	FALSE
0,006	0,286	0,000	0,011	0,005	FALSE
-0,001	0,294	0,000	0,008	0,016	FALSE

-0,052	0,290	-0,003	0,013	0,096	FALSE
-0,154	0,290	-0,004	0,013	0,134	FALSE
0,245	0,271	0,008	0,008	0,461	FALSE
0,065	0,295	0,002	0,013	0,060	FALSE
-0,127	0,297	-0,005	0,009	0,237	FALSE
-0,059	0,296	-0,004	0,008	0,176	FALSE
0,134	0,291	0,005	0,013	0,137	FALSE
-0,117	0,290	-0,006	0,012	0,211	FALSE
-0,077	0,307	-0,001	0,007	0,080	FALSE
0,027	0,308	0,001	0,009	0,021	FALSE
0,014	0,301	0,000	0,008	0,008	FALSE
0,029	0,293	0,000	0,008	0,015	FALSE
-0,054	0,291	-0,002	0,007	0,091	FALSE
0,081	0,303	0,002	0,010	0,082	FALSE
-0,098	0,307	-0,003	0,011	0,101	FALSE
0,028	0,293	-0,001	0,011	0,026	FALSE
0,029	0,286	0,002	0,007	0,104	FALSE
0,106	0,271	0,002	0,006	0,094	FALSE
-0,057	0,289	-0,003	0,013	0,088	FALSE
-0,068	0,280	-0,002	0,007	0,131	FALSE
0,059	0,297	0,001	0,009	0,062	FALSE
-0,028	0,294	-0,003	0,013	0,071	FALSE
0,024	0,292	0,003	0,013	0,082	FALSE
0,006	0,293	0,000	0,008	0,017	FALSE
0,007	0,289	0,000	0,007	0,002	FALSE
-0,068	0,293	-0,001	0,009	0,046	FALSE
0,054	0,299	0,002	0,008	0,083	FALSE
-0,022	0,289	-0,001	0,011	0,046	FALSE
-0,038	0,294	-0,002	0,012	0,048	FALSE
-0,053	0,279	-0,001	0,007	0,061	FALSE
-0,078	0,293	-0,001	0,007	0,064	FALSE
-0,192	0,294	-0,004	0,007	0,216	FALSE
0,095	0,282	0,001	0,008	0,046	FALSE
-0,028	0,292	-0,001	0,008	0,064	FALSE
0,130	0,287	0,002	0,009	0,097	FALSE
-0,055	0,289	-0,001	0,011	0,032	FALSE
-0,055	0,298	0,000	0,010	0,016	FALSE
-0,061	0,274	-0,003	0,011	0,095	FALSE
-0,099	0,282	-0,006	0,013	0,184	FALSE
0,002	0,293	0,002	0,008	0,072	FALSE
0,044	0,303	0,000	0,007	0,012	FALSE
-0,003	0,291	0,000	0,013	0,001	FALSE
-0,109	0,284	-0,003	0,007	0,184	FALSE
-0,008	0,273	0,000	0,010	0,016	FALSE
0,019	0,286	0,002	0,010	0,055	FALSE
0,047	0,285	0,002	0,012	0,062	FALSE
-0,011	0,288	-0,001	0,007	0,044	FALSE
0,081	0,281	0,001	0,013	0,039	FALSE
0,189	0,279	0,009	0,011	0,369	FALSE
-0,012	0,288	-0,002	0,011	0,052	FALSE
-0,067	0,295	-0,003	0,010	0,101	FALSE
-0,077	0,281	-0,002	0,007	0,117	FALSE
0,013	0,286	0,001	0,011	0,037	FALSE

-0,092	0,289	-0,003	0,011	0,126	FALSE
-0,019	0,295	0,000	0,011	0,008	FALSE
0,056	0,283	0,001	0,007	0,027	FALSE
0,012	0,289	0,000	0,008	0,005	FALSE
0,129	0,282	0,004	0,011	0,133	FALSE
0,084	0,271	0,003	0,009	0,120	FALSE
-0,004	0,274	-0,001	0,007	0,042	FALSE
0,055	0,284	0,001	0,011	0,018	FALSE
-0,111	0,289	-0,002	0,007	0,125	FALSE
-0,032	0,302	0,001	0,011	0,022	FALSE
-0,017	0,282	-0,001	0,009	0,040	FALSE
-0,040	0,280	-0,001	0,009	0,058	FALSE
-0,018	0,308	-0,001	0,008	0,062	FALSE
0,001	0,281	-0,001	0,011	0,030	FALSE
-0,108	0,278	-0,002	0,006	0,101	FALSE
-0,030	0,296	0,000	0,011	0,015	FALSE
-0,112	0,291	-0,003	0,011	0,098	FALSE
-0,171	0,288	-0,004	0,008	0,197	FALSE
0,112	0,286	0,001	0,010	0,041	FALSE
0,008	0,291	0,002	0,008	0,083	FALSE
0,018	0,300	0,001	0,007	0,048	FALSE
-0,089	0,300	-0,003	0,010	0,108	FALSE
0,112	0,300	0,004	0,008	0,184	FALSE
0,079	0,292	0,002	0,011	0,055	FALSE
0,026	0,273	0,002	0,006	0,135	FALSE
0,042	0,291	0,001	0,007	0,078	FALSE
0,074	0,286	-0,001	0,012	0,026	FALSE
-0,036	0,295	-0,001	0,008	0,045	FALSE
0,074	0,290	0,002	0,007	0,116	FALSE
-0,162	0,291	-0,006	0,010	0,273	FALSE
0,139	0,293	0,004	0,009	0,172	FALSE
-0,062	0,291	-0,002	0,011	0,056	FALSE
0,140	0,287	0,005	0,011	0,177	FALSE
-0,053	0,286	0,000	0,007	0,017	FALSE
-0,031	0,283	-0,001	0,007	0,033	FALSE
0,041	0,278	0,002	0,012	0,077	FALSE
-0,073	0,290	-0,003	0,013	0,078	FALSE
0,006	0,288	0,001	0,008	0,040	FALSE
-0,122	0,288	-0,004	0,010	0,170	FALSE
0,071	0,297	0,001	0,007	0,075	FALSE
0,066	0,299	0,002	0,006	0,092	FALSE
-0,096	0,290	-0,003	0,010	0,095	FALSE
-0,048	0,289	0,000	0,009	0,017	FALSE
0,070	0,299	0,003	0,010	0,126	FALSE
-0,055	0,288	-0,002	0,010	0,076	FALSE
-0,081	0,284	-0,002	0,009	0,072	FALSE
-0,144	0,281	-0,006	0,013	0,183	FALSE
-0,131	0,300	-0,005	0,013	0,157	FALSE
-0,130	0,275	-0,003	0,007	0,179	FALSE
-0,016	0,289	-0,001	0,013	0,033	FALSE
0,023	0,293	0,000	0,007	0,016	FALSE
-0,083	0,281	-0,002	0,007	0,112	FALSE
0,063	0,287	0,001	0,007	0,069	FALSE

-0,008	0,299	0,000	0,008	0,007	FALSE
-0,060	0,297	-0,001	0,008	0,068	FALSE
-0,051	0,289	0,000	0,007	0,017	FALSE
-0,205	0,281	-0,004	0,007	0,244	FALSE
-0,006	0,284	-0,002	0,013	0,067	FALSE
0,129	0,275	0,002	0,008	0,114	FALSE
-0,061	0,279	-0,001	0,012	0,016	FALSE
0,068	0,296	0,002	0,007	0,110	FALSE
-0,016	0,292	0,000	0,006	0,019	FALSE
0,105	0,285	0,003	0,007	0,175	FALSE
0,065	0,284	0,001	0,008	0,031	FALSE
0,045	0,286	0,001	0,007	0,075	FALSE
-0,024	0,278	0,000	0,006	0,010	FALSE
0,035	0,300	-0,001	0,006	0,029	FALSE
-0,078	0,290	-0,003	0,007	0,142	FALSE
0,034	0,301	0,000	0,008	0,014	FALSE
-0,096	0,286	-0,003	0,007	0,159	FALSE
-0,059	0,294	-0,001	0,007	0,041	FALSE
-0,119	0,277	-0,004	0,012	0,129	FALSE
-0,026	0,295	0,000	0,010	0,013	FALSE
-0,021	0,299	0,001	0,011	0,021	FALSE
-0,064	0,309	-0,002	0,013	0,047	FALSE
-0,097	0,288	-0,002	0,012	0,055	FALSE
0,071	0,281	-0,001	0,013	0,028	FALSE
-0,003	0,279	-0,001	0,010	0,049	FALSE
0,011	0,288	-0,001	0,011	0,019	FALSE
-0,038	0,288	0,000	0,007	0,003	FALSE
0,029	0,288	0,001	0,010	0,021	FALSE
0,063	0,285	0,001	0,009	0,050	FALSE
0,088	0,287	0,004	0,011	0,161	FALSE
0,063	0,288	0,000	0,008	0,019	FALSE
0,150	0,282	0,007	0,012	0,246	FALSE
0,034	0,284	0,001	0,007	0,033	FALSE
0,067	0,287	0,003	0,012	0,085	FALSE
-0,134	0,299	-0,004	0,008	0,179	FALSE
-0,070	0,282	-0,002	0,008	0,108	FALSE
-0,001	0,282	0,001	0,007	0,061	FALSE
-0,216	0,280	-0,004	0,008	0,241	FALSE
-0,001	0,287	-0,003	0,011	0,096	FALSE
-0,071	0,292	-0,001	0,007	0,054	FALSE
0,017	0,276	0,001	0,007	0,057	FALSE
-0,049	0,294	-0,002	0,010	0,074	FALSE
-0,124	0,277	-0,003	0,008	0,132	FALSE
0,019	0,297	0,000	0,008	0,001	FALSE
0,036	0,298	0,000	0,007	0,004	FALSE
-0,027	0,291	0,000	0,007	0,007	FALSE
0,010	0,285	0,000	0,009	0,009	FALSE
-0,176	0,281	-0,004	0,008	0,216	FALSE
-0,076	0,300	-0,004	0,013	0,109	FALSE
-0,117	0,292	-0,005	0,013	0,162	FALSE
-0,106	0,293	-0,003	0,011	0,095	FALSE
-0,002	0,283	-0,001	0,012	0,031	FALSE
-0,076	0,290	-0,001	0,007	0,035	FALSE

-0,164	0,268	-0,005	0,010	0,216	FALSE
0,087	0,287	0,002	0,013	0,046	FALSE
-0,048	0,291	0,000	0,007	0,020	FALSE
0,060	0,281	0,001	0,011	0,042	FALSE
-0,079	0,286	-0,002	0,012	0,066	FALSE
-0,003	0,290	0,000	0,009	0,010	FALSE
0,014	0,285	-0,001	0,010	0,027	FALSE
0,209	0,272	0,005	0,009	0,260	FALSE
-0,022	0,297	-0,001	0,009	0,050	FALSE
0,202	0,276	0,007	0,012	0,266	FALSE
0,096	0,274	0,002	0,011	0,057	FALSE
0,079	0,283	0,001	0,012	0,032	FALSE
-0,020	0,292	-0,002	0,008	0,104	FALSE
0,137	0,289	0,001	0,010	0,055	FALSE
0,074	0,282	0,005	0,011	0,179	FALSE
-0,002	0,291	0,001	0,013	0,038	FALSE
0,002	0,289	-0,001	0,008	0,057	FALSE
-0,138	0,282	-0,005	0,012	0,156	FALSE
-0,030	0,293	-0,001	0,007	0,083	FALSE
-0,162	0,276	-0,004	0,011	0,131	FALSE
-0,011	0,294	0,000	0,013	0,012	FALSE
0,031	0,285	0,000	0,012	0,014	FALSE
0,060	0,292	0,003	0,009	0,110	FALSE
0,084	0,309	0,001	0,007	0,058	FALSE
0,100	0,278	0,003	0,011	0,121	FALSE
0,072	0,290	0,001	0,010	0,028	FALSE
0,028	0,296	0,001	0,010	0,019	FALSE
-0,060	0,278	-0,001	0,008	0,032	FALSE
-0,052	0,269	0,000	0,007	0,015	FALSE
-0,022	0,295	-0,002	0,012	0,052	FALSE
-0,018	0,305	-0,002	0,008	0,078	FALSE
-0,093	0,291	-0,003	0,008	0,153	FALSE
-0,033	0,289	-0,001	0,010	0,021	FALSE
-0,125	0,302	-0,003	0,007	0,195	FALSE
0,041	0,290	0,001	0,007	0,035	FALSE
-0,028	0,290	-0,001	0,013	0,014	FALSE
-0,062	0,299	-0,002	0,008	0,107	FALSE
0,000	0,298	0,000	0,008	0,007	FALSE
-0,122	0,290	-0,003	0,007	0,153	FALSE
-0,088	0,279	-0,002	0,009	0,100	FALSE
-0,001	0,290	0,000	0,008	0,008	FALSE
0,221	0,284	0,009	0,013	0,325	FALSE
-0,103	0,282	-0,003	0,007	0,156	FALSE
0,171	0,288	0,007	0,011	0,274	FALSE
-0,168	0,297	-0,005	0,009	0,227	FALSE
0,010	0,281	0,001	0,011	0,040	FALSE
-0,156	0,281	-0,004	0,009	0,172	FALSE
-0,052	0,267	-0,003	0,008	0,178	FALSE
0,057	0,292	0,001	0,007	0,072	FALSE
0,049	0,284	0,001	0,006	0,043	FALSE
-0,122	0,278	-0,005	0,012	0,174	FALSE
0,139	0,281	0,005	0,012	0,188	FALSE
0,144	0,290	0,005	0,012	0,184	FALSE

-0,035	0,302	-0,001	0,007	0,049	FALSE
0,085	0,283	0,003	0,012	0,102	FALSE
0,018	0,291	0,000	0,010	0,005	FALSE
-0,166	0,283	-0,003	0,009	0,137	FALSE
0,078	0,281	0,001	0,011	0,037	FALSE
0,072	0,275	0,001	0,011	0,031	FALSE
0,061	0,286	0,003	0,012	0,076	FALSE
0,171	0,281	0,004	0,006	0,281	FALSE
0,116	0,282	0,004	0,011	0,136	FALSE
-0,095	0,288	-0,001	0,010	0,052	FALSE
0,064	0,294	0,002	0,009	0,079	FALSE
0,070	0,298	0,002	0,009	0,072	FALSE
0,027	0,304	0,000	0,008	0,018	FALSE
-0,063	0,266	-0,001	0,011	0,031	FALSE
0,007	0,292	0,000	0,007	0,003	FALSE
0,025	0,295	0,000	0,008	0,004	FALSE
0,072	0,273	0,003	0,012	0,088	FALSE
-0,031	0,293	-0,001	0,006	0,079	FALSE
0,013	0,284	0,000	0,008	0,002	FALSE
-0,022	0,300	0,000	0,007	0,021	FALSE
0,084	0,299	0,002	0,007	0,098	FALSE
-0,095	0,296	-0,003	0,010	0,102	FALSE
0,078	0,290	0,003	0,010	0,140	FALSE
-0,064	0,293	-0,001	0,009	0,041	FALSE
0,062	0,290	0,001	0,009	0,056	FALSE
-0,052	0,291	-0,001	0,009	0,056	FALSE
-0,210	0,280	-0,009	0,012	0,342	FALSE
-0,020	0,288	0,002	0,011	0,078	FALSE
0,168	0,285	0,003	0,006	0,228	FALSE
0,063	0,301	0,002	0,008	0,076	FALSE
-0,022	0,300	-0,001	0,010	0,049	FALSE
-0,088	0,291	-0,003	0,009	0,137	FALSE
0,144	0,297	0,005	0,013	0,147	FALSE
0,061	0,312	0,002	0,013	0,049	FALSE
0,050	0,299	0,001	0,010	0,037	FALSE
-0,049	0,283	-0,001	0,012	0,015	FALSE
-0,056	0,289	0,000	0,013	0,008	FALSE
-0,035	0,283	0,000	0,008	0,008	FALSE
-0,076	0,286	-0,001	0,013	0,040	FALSE
0,047	0,292	0,001	0,007	0,068	FALSE
-0,089	0,285	-0,002	0,013	0,067	FALSE
-0,085	0,296	-0,002	0,013	0,047	FALSE
-0,099	0,286	-0,002	0,013	0,069	FALSE
-0,091	0,284	-0,001	0,012	0,044	FALSE
-0,012	0,289	0,000	0,007	0,012	FALSE
0,167	0,277	0,005	0,013	0,163	FALSE
-0,090	0,293	-0,002	0,013	0,062	FALSE
-0,035	0,288	0,000	0,008	0,019	FALSE
0,105	0,284	0,002	0,009	0,067	FALSE
0,118	0,276	0,002	0,009	0,091	FALSE
0,046	0,298	0,001	0,008	0,027	FALSE
0,090	0,288	0,001	0,007	0,073	FALSE
-0,085	0,285	-0,003	0,011	0,093	FALSE

-0,038	0,296	-0,002	0,009	0,070	FALSE
-0,050	0,299	-0,002	0,009	0,083	FALSE
-0,043	0,294	-0,002	0,009	0,069	FALSE
0,023	0,296	0,000	0,013	0,001	FALSE
-0,087	0,299	-0,003	0,007	0,154	FALSE
0,125	0,290	0,002	0,006	0,141	FALSE
0,081	0,287	0,001	0,011	0,022	FALSE
0,075	0,278	0,002	0,009	0,063	FALSE
0,084	0,286	0,002	0,010	0,082	FALSE
0,108	0,292	0,003	0,010	0,116	FALSE
0,045	0,285	0,001	0,006	0,054	FALSE
-0,038	0,289	-0,001	0,006	0,074	FALSE
-0,076	0,295	-0,003	0,008	0,146	FALSE
0,035	0,289	0,000	0,012	0,015	FALSE
0,025	0,294	0,000	0,011	0,006	FALSE
-0,040	0,302	-0,001	0,009	0,037	FALSE
-0,057	0,290	-0,004	0,012	0,131	FALSE
-0,125	0,276	-0,002	0,006	0,146	FALSE
0,116	0,286	0,003	0,009	0,140	FALSE
-0,030	0,278	-0,002	0,010	0,075	FALSE
0,081	0,284	0,001	0,011	0,027	FALSE
0,132	0,292	0,003	0,007	0,135	FALSE
-0,024	0,282	-0,002	0,008	0,091	FALSE
-0,014	0,284	-0,003	0,009	0,114	FALSE
-0,009	0,300	-0,002	0,010	0,088	FALSE
0,181	0,281	0,008	0,013	0,291	FALSE
-0,153	0,288	-0,008	0,013	0,260	FALSE
0,041	0,292	0,000	0,013	0,007	FALSE
-0,083	0,285	-0,003	0,008	0,123	FALSE
-0,162	0,298	-0,005	0,011	0,199	FALSE
0,137	0,303	0,004	0,012	0,130	FALSE
0,133	0,290	0,005	0,012	0,162	FALSE
0,102	0,288	0,004	0,011	0,127	FALSE
0,006	0,295	-0,002	0,012	0,047	FALSE
-0,023	0,275	-0,003	0,012	0,090	FALSE
0,079	0,273	0,001	0,008	0,042	FALSE
-0,034	0,304	-0,001	0,009	0,056	FALSE
-0,018	0,297	-0,002	0,008	0,075	FALSE
0,109	0,279	0,005	0,011	0,189	FALSE
-0,021	0,288	0,000	0,008	0,007	FALSE
-0,058	0,299	-0,004	0,011	0,141	FALSE
0,024	0,281	-0,002	0,013	0,049	FALSE
0,038	0,288	-0,001	0,013	0,040	FALSE
-0,047	0,284	0,000	0,012	0,011	FALSE
0,048	0,279	-0,001	0,012	0,042	FALSE
-0,021	0,294	-0,001	0,009	0,050	FALSE
0,048	0,299	0,000	0,007	0,019	FALSE
-0,196	0,287	-0,009	0,011	0,348	FALSE
0,118	0,281	0,003	0,012	0,094	FALSE
-0,138	0,286	-0,006	0,012	0,184	FALSE
0,039	0,277	0,001	0,007	0,033	FALSE
-0,025	0,288	0,000	0,010	0,017	FALSE
-0,103	0,279	-0,004	0,012	0,148	FALSE

0,066	0,280	0,002	0,009	0,088	FALSE
0,183	0,298	0,003	0,007	0,202	FALSE
-0,003	0,291	0,000	0,011	0,007	FALSE
0,061	0,296	0,002	0,011	0,061	FALSE
0,014	0,286	-0,001	0,007	0,042	FALSE
0,022	0,286	0,002	0,012	0,074	FALSE
-0,092	0,282	-0,003	0,010	0,106	FALSE
0,072	0,286	0,003	0,011	0,105	FALSE
-0,109	0,283	-0,004	0,009	0,212	FALSE
-0,124	0,278	-0,005	0,009	0,237	FALSE
0,043	0,288	0,002	0,008	0,090	FALSE
0,050	0,292	0,003	0,008	0,121	FALSE
0,031	0,286	0,001	0,008	0,070	FALSE
0,066	0,308	0,002	0,008	0,101	FALSE
-0,194	0,279	-0,006	0,009	0,286	FALSE
-0,071	0,287	0,000	0,007	0,014	FALSE
-0,034	0,298	-0,001	0,008	0,029	FALSE
-0,003	0,289	0,000	0,011	0,008	FALSE
0,004	0,288	0,000	0,011	0,006	FALSE
0,084	0,294	0,003	0,011	0,100	FALSE
-0,107	0,289	-0,006	0,012	0,214	FALSE
0,087	0,280	0,001	0,007	0,049	FALSE
0,039	0,280	0,001	0,011	0,019	FALSE
0,083	0,285	0,003	0,012	0,104	FALSE
0,110	0,280	0,002	0,009	0,065	FALSE
0,051	0,298	0,000	0,008	0,000	FALSE
-0,028	0,289	0,000	0,007	0,008	FALSE
-0,032	0,301	-0,002	0,011	0,067	FALSE
0,099	0,288	0,002	0,008	0,110	FALSE
0,009	0,294	0,001	0,007	0,040	FALSE
0,041	0,289	0,000	0,008	0,010	FALSE
-0,071	0,303	-0,002	0,010	0,066	FALSE
-0,092	0,279	-0,002	0,008	0,071	FALSE
0,008	0,284	0,001	0,010	0,027	FALSE
-0,094	0,297	-0,002	0,012	0,078	FALSE
-0,024	0,291	0,000	0,011	0,013	FALSE
-0,154	0,282	-0,005	0,011	0,203	FALSE
-0,189	0,278	-0,007	0,011	0,296	FALSE
0,046	0,275	0,001	0,006	0,075	FALSE
-0,060	0,290	-0,001	0,010	0,041	FALSE
-0,031	0,297	-0,003	0,008	0,123	FALSE
-0,019	0,303	-0,001	0,011	0,029	FALSE
0,098	0,300	0,004	0,012	0,125	FALSE
0,084	0,290	0,004	0,012	0,125	FALSE
0,018	0,302	0,001	0,013	0,028	FALSE
-0,034	0,289	-0,002	0,009	0,082	FALSE
-0,002	0,295	-0,001	0,009	0,043	FALSE
-0,051	0,296	-0,002	0,009	0,099	FALSE
-0,031	0,282	-0,002	0,009	0,080	FALSE
-0,120	0,276	-0,002	0,009	0,087	FALSE
0,012	0,285	0,000	0,006	0,007	FALSE
-0,017	0,284	-0,001	0,008	0,064	FALSE
-0,130	0,281	-0,004	0,009	0,193	FALSE

-0,124	0,286	-0,005	0,012	0,179	FALSE
0,062	0,287	0,001	0,012	0,038	FALSE
-0,037	0,299	0,000	0,009	0,012	FALSE
-0,045	0,294	0,000	0,012	0,009	FALSE
0,079	0,277	0,003	0,012	0,088	FALSE
-0,072	0,289	-0,002	0,008	0,086	FALSE
-0,040	0,288	0,000	0,008	0,016	FALSE
-0,014	0,287	0,000	0,007	0,014	FALSE
0,040	0,271	0,002	0,013	0,050	FALSE
0,078	0,289	0,005	0,012	0,183	FALSE
0,115	0,287	0,006	0,012	0,219	FALSE
0,130	0,292	0,007	0,013	0,247	FALSE
-0,116	0,285	-0,004	0,012	0,132	FALSE
0,106	0,292	0,004	0,012	0,137	FALSE
0,024	0,273	0,000	0,007	0,002	FALSE
0,060	0,291	0,004	0,012	0,139	FALSE
-0,119	0,282	-0,003	0,008	0,170	FALSE
0,036	0,280	0,001	0,012	0,041	FALSE
0,049	0,294	0,002	0,013	0,052	FALSE
-0,007	0,302	-0,001	0,013	0,014	FALSE
-0,001	0,293	0,000	0,009	0,006	FALSE
-0,144	0,284	-0,008	0,012	0,297	FALSE
0,108	0,286	0,004	0,013	0,107	FALSE
0,092	0,276	0,004	0,011	0,149	FALSE
-0,075	0,289	-0,004	0,013	0,138	FALSE
0,097	0,274	0,004	0,013	0,122	FALSE
0,104	0,305	0,003	0,011	0,119	FALSE
0,087	0,294	0,003	0,009	0,126	FALSE
0,200	0,287	0,005	0,009	0,239	FALSE
-0,090	0,299	-0,002	0,013	0,057	FALSE
0,172	0,283	0,005	0,013	0,172	FALSE
0,110	0,287	0,002	0,007	0,121	FALSE
0,137	0,291	0,003	0,006	0,217	FALSE
-0,029	0,306	-0,002	0,012	0,049	FALSE
-0,027	0,295	-0,002	0,012	0,059	FALSE
-0,055	0,297	-0,001	0,007	0,084	FALSE
0,174	0,293	0,004	0,006	0,275	FALSE
-0,002	0,304	0,001	0,008	0,034	FALSE
0,021	0,308	0,000	0,008	0,001	FALSE
0,019	0,300	0,000	0,008	0,011	FALSE
0,039	0,295	0,001	0,008	0,032	FALSE
0,079	0,296	0,003	0,010	0,111	FALSE
0,011	0,294	-0,002	0,013	0,070	FALSE
-0,009	0,301	-0,002	0,013	0,066	FALSE
-0,057	0,292	-0,002	0,010	0,086	FALSE
-0,100	0,292	-0,004	0,010	0,174	FALSE
-0,140	0,264	-0,004	0,007	0,201	FALSE
-0,106	0,295	-0,004	0,009	0,173	FALSE
-0,054	0,295	-0,001	0,012	0,025	FALSE
-0,055	0,293	0,000	0,013	0,007	FALSE
-0,056	0,291	0,000	0,013	0,012	FALSE
-0,065	0,288	-0,001	0,013	0,018	FALSE
-0,130	0,285	-0,003	0,012	0,100	FALSE

-0,050	0,287	0,000	0,012	0,000	FALSE
-0,003	0,290	0,000	0,013	0,002	FALSE
-0,068	0,290	0,000	0,013	0,001	FALSE
-0,165	0,289	-0,005	0,013	0,163	FALSE
-0,136	0,291	-0,004	0,013	0,112	FALSE
0,096	0,296	0,003	0,008	0,175	FALSE
-0,135	0,275	-0,004	0,008	0,177	FALSE
0,005	0,299	0,000	0,007	0,001	FALSE
-0,142	0,287	-0,004	0,009	0,172	FALSE
-0,003	0,291	0,000	0,013	0,013	FALSE
-0,054	0,293	-0,003	0,013	0,100	FALSE
0,012	0,293	0,001	0,013	0,035	FALSE
-0,058	0,295	-0,003	0,013	0,093	FALSE
-0,130	0,283	-0,003	0,009	0,155	FALSE
-0,038	0,283	-0,002	0,009	0,066	FALSE
0,092	0,295	0,002	0,010	0,058	FALSE
-0,004	0,299	0,000	0,007	0,020	FALSE
-0,070	0,280	0,000	0,012	0,013	FALSE
0,149	0,299	0,003	0,007	0,147	FALSE
-0,009	0,299	-0,001	0,012	0,021	FALSE
0,090	0,287	0,001	0,008	0,049	FALSE
0,073	0,285	0,004	0,010	0,167	FALSE
0,068	0,281	0,002	0,006	0,120	FALSE
0,110	0,297	0,004	0,010	0,157	FALSE
-0,057	0,295	-0,001	0,007	0,063	FALSE
-0,084	0,282	-0,004	0,012	0,119	FALSE
-0,026	0,287	-0,001	0,008	0,040	FALSE
0,055	0,286	0,002	0,010	0,062	FALSE
0,050	0,288	0,001	0,010	0,051	FALSE
0,120	0,292	0,003	0,007	0,158	FALSE
0,063	0,277	0,002	0,009	0,086	FALSE
0,019	0,302	0,000	0,010	0,005	FALSE
-0,073	0,295	-0,002	0,007	0,104	FALSE
0,003	0,285	-0,002	0,011	0,072	FALSE
0,106	0,280	0,003	0,006	0,200	FALSE
-0,052	0,300	-0,005	0,012	0,169	FALSE
0,097	0,280	0,001	0,011	0,032	FALSE
0,097	0,275	0,001	0,012	0,035	FALSE
0,090	0,279	0,002	0,011	0,071	FALSE
-0,121	0,275	-0,003	0,013	0,082	FALSE
-0,080	0,282	-0,001	0,013	0,025	FALSE
-0,159	0,295	-0,005	0,013	0,164	FALSE
0,076	0,288	0,001	0,006	0,079	FALSE
0,084	0,293	0,001	0,009	0,030	FALSE
0,061	0,280	0,001	0,012	0,020	FALSE
-0,014	0,291	-0,002	0,013	0,060	FALSE
0,075	0,288	0,000	0,010	0,016	FALSE
0,203	0,279	0,005	0,010	0,212	FALSE
-0,049	0,295	-0,002	0,011	0,059	FALSE
-0,030	0,291	-0,001	0,011	0,019	FALSE
-0,040	0,293	-0,001	0,011	0,026	FALSE
-0,012	0,294	0,000	0,012	0,011	FALSE
0,102	0,296	0,004	0,010	0,173	FALSE

0,148	0,289	0,002	0,007	0,124	FALSE
0,028	0,294	0,001	0,012	0,037	FALSE
-0,120	0,282	-0,002	0,007	0,146	FALSE
-0,139	0,290	-0,004	0,008	0,206	FALSE
0,128	0,300	0,005	0,014	0,155	FALSE
0,106	0,292	0,003	0,006	0,222	FALSE
-0,036	0,310	0,001	0,013	0,017	FALSE
0,171	0,290	0,004	0,008	0,211	FALSE
-0,067	0,302	-0,002	0,013	0,043	FALSE
0,165	0,284	0,003	0,006	0,199	FALSE
-0,104	0,277	-0,003	0,009	0,126	FALSE
0,009	0,284	-0,002	0,011	0,064	FALSE
-0,007	0,288	-0,002	0,011	0,072	FALSE
0,189	0,274	0,006	0,011	0,223	FALSE
0,121	0,286	0,005	0,012	0,149	FALSE
0,022	0,290	0,000	0,007	0,007	FALSE
0,063	0,282	0,001	0,012	0,039	FALSE
0,006	0,318	0,001	0,007	0,031	FALSE
0,067	0,285	0,002	0,012	0,050	FALSE
0,032	0,293	0,001	0,007	0,061	FALSE
0,025	0,284	0,001	0,006	0,060	FALSE
0,018	0,287	0,001	0,006	0,037	FALSE
0,031	0,289	0,001	0,006	0,088	FALSE
0,013	0,284	0,000	0,010	0,014	FALSE
0,028	0,286	0,001	0,010	0,040	FALSE
0,047	0,275	0,002	0,009	0,065	FALSE
0,026	0,287	0,001	0,006	0,058	FALSE
0,028	0,285	0,001	0,012	0,020	FALSE
-0,023	0,300	-0,002	0,009	0,070	FALSE
0,080	0,288	0,000	0,012	0,002	FALSE
0,000	0,282	0,000	0,006	0,012	FALSE
0,067	0,278	0,002	0,012	0,058	FALSE
-0,084	0,285	-0,003	0,013	0,091	FALSE
0,171	0,276	0,004	0,011	0,161	FALSE
-0,086	0,296	-0,003	0,011	0,122	FALSE
-0,185	0,302	-0,004	0,007	0,238	FALSE
-0,033	0,297	-0,001	0,008	0,050	FALSE
-0,151	0,292	-0,004	0,008	0,213	FALSE
0,066	0,306	0,002	0,010	0,074	FALSE
-0,033	0,292	-0,002	0,014	0,043	FALSE
-0,066	0,292	-0,005	0,013	0,169	FALSE
0,018	0,288	0,000	0,007	0,009	FALSE
-0,044	0,299	-0,001	0,009	0,025	FALSE
-0,050	0,296	-0,001	0,008	0,066	FALSE
0,071	0,293	0,004	0,013	0,131	FALSE
-0,121	0,290	-0,003	0,008	0,133	FALSE
-0,070	0,289	-0,001	0,006	0,084	FALSE
-0,095	0,295	-0,002	0,008	0,075	FALSE
-0,134	0,297	-0,003	0,008	0,158	FALSE
0,122	0,282	0,003	0,010	0,120	FALSE
0,053	0,307	0,001	0,011	0,040	FALSE
-0,019	0,291	-0,001	0,010	0,021	FALSE
0,068	0,284	0,003	0,012	0,097	FALSE

-0,065	0,266	-0,002	0,012	0,051	FALSE
-0,056	0,291	-0,001	0,007	0,069	FALSE
-0,114	0,280	-0,003	0,007	0,201	FALSE
-0,075	0,290	-0,004	0,012	0,138	FALSE
0,109	0,304	0,003	0,009	0,138	FALSE
0,005	0,284	-0,002	0,010	0,069	FALSE
0,003	0,283	-0,002	0,010	0,082	FALSE
-0,065	0,275	-0,003	0,007	0,177	FALSE
0,015	0,283	-0,002	0,008	0,070	FALSE
-0,147	0,295	-0,004	0,007	0,268	FALSE
0,019	0,281	0,001	0,011	0,037	FALSE
0,049	0,298	0,002	0,012	0,062	FALSE
-0,060	0,293	-0,001	0,008	0,049	FALSE
0,021	0,284	0,001	0,007	0,073	FALSE
0,208	0,269	0,008	0,013	0,287	FALSE
-0,004	0,281	0,000	0,008	0,009	FALSE
-0,149	0,289	-0,005	0,013	0,147	FALSE
-0,063	0,288	-0,001	0,008	0,046	FALSE
-0,157	0,279	-0,002	0,010	0,098	FALSE
-0,007	0,287	-0,001	0,009	0,055	FALSE
0,036	0,293	0,000	0,010	0,006	FALSE
0,058	0,293	0,001	0,009	0,059	FALSE
0,087	0,275	0,002	0,008	0,078	FALSE
0,045	0,299	0,001	0,007	0,070	FALSE
-0,096	0,291	-0,004	0,010	0,155	FALSE
0,093	0,298	0,005	0,013	0,171	FALSE
0,041	0,294	0,001	0,013	0,018	FALSE
-0,160	0,285	-0,005	0,013	0,169	FALSE
-0,159	0,298	-0,005	0,014	0,161	FALSE
-0,155	0,275	-0,005	0,013	0,159	FALSE
-0,161	0,277	-0,006	0,013	0,183	FALSE
0,023	0,307	-0,001	0,011	0,029	FALSE
-0,089	0,291	-0,003	0,011	0,110	FALSE
0,043	0,280	-0,001	0,009	0,059	FALSE
0,035	0,302	0,001	0,009	0,037	FALSE
-0,003	0,283	-0,001	0,011	0,017	FALSE
-0,076	0,291	-0,002	0,012	0,046	FALSE
-0,008	0,279	-0,001	0,011	0,040	FALSE
-0,033	0,282	-0,003	0,011	0,103	FALSE
-0,005	0,292	0,001	0,011	0,049	FALSE
0,151	0,276	0,003	0,008	0,168	FALSE
-0,058	0,291	0,000	0,007	0,024	FALSE
-0,009	0,280	0,000	0,009	0,011	FALSE
0,038	0,283	0,001	0,013	0,027	FALSE
-0,069	0,298	-0,002	0,011	0,072	FALSE
-0,013	0,282	0,000	0,010	0,013	FALSE
-0,091	0,291	-0,002	0,007	0,101	FALSE
0,002	0,279	0,002	0,010	0,074	FALSE
-0,132	0,283	-0,003	0,011	0,094	FALSE
-0,010	0,288	0,000	0,013	0,003	FALSE
-0,042	0,293	0,000	0,006	0,004	FALSE
-0,005	0,295	0,001	0,013	0,020	FALSE
-0,095	0,287	-0,002	0,013	0,064	FALSE

-0,101	0,283	-0,003	0,012	0,107	FALSE
-0,057	0,285	-0,001	0,007	0,082	FALSE
-0,013	0,277	0,001	0,007	0,061	FALSE
0,148	0,282	0,004	0,007	0,236	FALSE
0,133	0,292	0,003	0,007	0,209	FALSE
0,130	0,281	0,003	0,006	0,190	FALSE
0,154	0,279	0,004	0,007	0,249	FALSE
-0,194	0,278	-0,004	0,006	0,271	FALSE
-0,055	0,293	-0,001	0,008	0,032	FALSE
0,107	0,288	0,003	0,012	0,082	FALSE
-0,056	0,297	-0,003	0,012	0,093	FALSE
0,108	0,287	0,004	0,008	0,191	FALSE
0,028	0,284	0,001	0,007	0,045	FALSE
-0,058	0,304	-0,001	0,007	0,056	FALSE
-0,079	0,288	-0,001	0,007	0,079	FALSE
-0,091	0,290	-0,004	0,012	0,119	FALSE
0,054	0,285	0,002	0,009	0,066	FALSE
-0,090	0,280	-0,001	0,010	0,039	FALSE
0,024	0,288	0,000	0,009	0,012	FALSE
0,123	0,292	0,004	0,013	0,126	FALSE
-0,059	0,302	-0,001	0,010	0,055	FALSE
-0,132	0,282	-0,007	0,013	0,236	FALSE
-0,150	0,280	-0,008	0,012	0,284	FALSE
-0,046	0,305	-0,001	0,008	0,024	FALSE
0,021	0,295	-0,001	0,006	0,041	FALSE
-0,010	0,292	0,000	0,007	0,018	FALSE
-0,006	0,295	0,000	0,012	0,005	FALSE
-0,091	0,291	-0,002	0,006	0,145	FALSE
-0,123	0,284	-0,003	0,008	0,166	FALSE
0,174	0,289	0,006	0,011	0,222	FALSE
-0,011	0,281	0,001	0,009	0,027	FALSE
-0,022	0,267	0,001	0,012	0,034	FALSE
-0,051	0,297	0,000	0,009	0,014	FALSE
-0,063	0,305	-0,001	0,009	0,027	FALSE
-0,058	0,286	-0,002	0,012	0,069	FALSE
-0,176	0,288	-0,006	0,011	0,227	FALSE
-0,055	0,291	-0,001	0,007	0,064	FALSE
0,009	0,287	0,000	0,008	0,019	FALSE
-0,205	0,288	-0,005	0,008	0,247	FALSE
-0,104	0,299	-0,002	0,008	0,084	FALSE
-0,074	0,295	-0,001	0,008	0,032	FALSE
-0,243	0,273	-0,011	0,012	0,424	FALSE
0,140	0,282	0,005	0,009	0,232	FALSE
-0,031	0,291	-0,001	0,009	0,031	FALSE
0,058	0,269	0,005	0,011	0,171	FALSE
-0,165	0,271	-0,004	0,007	0,217	FALSE
-0,016	0,291	0,001	0,010	0,044	FALSE
0,122	0,284	0,001	0,008	0,057	FALSE
-0,089	0,285	-0,004	0,012	0,116	FALSE
-0,035	0,283	0,000	0,012	0,011	FALSE
0,174	0,290	0,006	0,008	0,305	FALSE
0,174	0,275	0,006	0,008	0,320	FALSE
0,157	0,287	0,006	0,009	0,315	FALSE

0,188	0,303	0,006	0,008	0,316	FALSE
-0,019	0,285	-0,002	0,012	0,048	FALSE
0,065	0,289	0,002	0,006	0,154	FALSE
0,038	0,285	0,001	0,009	0,027	FALSE
0,037	0,290	0,000	0,009	0,009	FALSE
-0,145	0,289	-0,004	0,009	0,182	FALSE
0,083	0,297	0,002	0,008	0,120	FALSE
-0,087	0,281	-0,002	0,010	0,070	FALSE
-0,107	0,302	-0,002	0,011	0,086	FALSE
-0,027	0,298	0,000	0,012	0,010	FALSE
-0,160	0,279	-0,005	0,010	0,187	FALSE
-0,059	0,275	0,000	0,007	0,011	FALSE
0,033	0,282	0,002	0,010	0,069	FALSE
0,028	0,295	0,000	0,008	0,017	FALSE
-0,001	0,291	0,002	0,010	0,059	FALSE
-0,064	0,275	-0,001	0,007	0,032	FALSE
-0,018	0,287	-0,001	0,011	0,039	FALSE
-0,018	0,287	-0,002	0,011	0,065	FALSE
0,030	0,290	0,000	0,007	0,011	FALSE
-0,036	0,285	-0,002	0,012	0,074	FALSE
-0,042	0,292	-0,002	0,010	0,074	FALSE
0,041	0,295	0,002	0,007	0,101	FALSE
0,046	0,295	0,002	0,007	0,105	FALSE
0,006	0,281	0,001	0,012	0,032	FALSE
0,001	0,292	0,000	0,008	0,003	FALSE
0,042	0,276	0,002	0,009	0,065	FALSE
-0,083	0,281	-0,003	0,009	0,129	FALSE
-0,010	0,294	0,000	0,009	0,009	FALSE
0,107	0,291	0,003	0,007	0,152	FALSE
0,186	0,290	0,007	0,011	0,278	FALSE
0,098	0,274	0,004	0,011	0,154	FALSE
-0,090	0,291	-0,002	0,007	0,127	FALSE
-0,064	0,294	-0,002	0,011	0,087	FALSE
0,062	0,297	0,002	0,011	0,074	FALSE
-0,108	0,302	-0,003	0,011	0,115	FALSE
-0,036	0,298	-0,001	0,006	0,075	FALSE
-0,050	0,300	-0,002	0,010	0,065	FALSE
-0,037	0,305	-0,002	0,009	0,106	FALSE
-0,043	0,294	0,000	0,007	0,026	FALSE
0,048	0,296	0,001	0,009	0,061	FALSE
-0,003	0,284	-0,002	0,009	0,061	FALSE
-0,098	0,285	-0,004	0,010	0,155	FALSE
-0,133	0,276	-0,003	0,008	0,137	FALSE
0,026	0,292	0,001	0,006	0,033	FALSE
0,025	0,307	0,001	0,010	0,036	FALSE
0,027	0,287	0,001	0,007	0,040	FALSE
0,121	0,278	0,003	0,008	0,142	FALSE
0,064	0,297	0,001	0,008	0,069	FALSE
0,045	0,305	0,000	0,012	0,000	FALSE
-0,021	0,309	-0,002	0,013	0,068	FALSE
0,006	0,305	0,000	0,010	0,005	FALSE
-0,074	0,300	-0,002	0,009	0,070	FALSE
-0,083	0,286	-0,003	0,010	0,137	FALSE

-0,069	0,281	-0,002	0,009	0,082	FALSE
-0,097	0,298	-0,002	0,009	0,084	FALSE
0,098	0,282	0,001	0,008	0,034	FALSE
0,084	0,290	0,001	0,008	0,033	FALSE
0,014	0,298	0,000	0,007	0,010	FALSE
0,033	0,292	0,001	0,009	0,021	FALSE
0,033	0,298	0,000	0,007	0,004	FALSE
-0,150	0,292	-0,005	0,011	0,185	FALSE
-0,134	0,300	-0,008	0,013	0,256	FALSE
0,026	0,271	0,002	0,007	0,107	FALSE
0,106	0,282	0,005	0,012	0,157	FALSE
0,078	0,299	0,001	0,008	0,054	FALSE
-0,005	0,286	-0,002	0,013	0,048	FALSE
0,057	0,296	0,000	0,008	0,016	FALSE
-0,043	0,298	-0,003	0,009	0,107	FALSE
-0,022	0,293	-0,001	0,009	0,040	FALSE
-0,071	0,291	-0,003	0,008	0,138	FALSE
0,159	0,281	0,004	0,010	0,162	FALSE
-0,069	0,285	-0,001	0,007	0,041	FALSE
0,086	0,285	0,002	0,012	0,055	FALSE
0,009	0,300	0,000	0,007	0,014	FALSE
-0,007	0,276	0,000	0,007	0,010	FALSE
0,002	0,287	0,002	0,011	0,064	FALSE
0,131	0,271	0,006	0,010	0,237	FALSE
0,109	0,291	0,004	0,012	0,118	FALSE
0,006	0,296	0,001	0,012	0,024	FALSE
-0,060	0,294	-0,001	0,013	0,021	FALSE
0,033	0,288	0,001	0,010	0,039	FALSE
0,099	0,299	0,002	0,007	0,102	FALSE
0,107	0,278	0,002	0,006	0,119	FALSE
0,093	0,287	0,002	0,006	0,105	FALSE
0,088	0,296	0,002	0,007	0,094	FALSE
-0,018	0,295	0,001	0,009	0,043	FALSE
0,006	0,290	0,001	0,007	0,073	FALSE
-0,121	0,280	-0,004	0,008	0,201	FALSE
-0,012	0,272	0,002	0,011	0,055	FALSE
0,031	0,297	0,000	0,013	0,011	FALSE
-0,124	0,288	-0,003	0,010	0,111	FALSE
0,018	0,289	0,001	0,007	0,028	FALSE
-0,122	0,285	-0,003	0,010	0,110	FALSE
-0,122	0,296	-0,003	0,010	0,107	FALSE
-0,135	0,295	-0,003	0,010	0,112	FALSE
0,090	0,295	0,001	0,007	0,075	FALSE
0,122	0,291	0,006	0,012	0,197	FALSE
0,066	0,296	0,003	0,008	0,129	FALSE
0,000	0,298	0,000	0,010	0,011	FALSE
-0,002	0,301	0,000	0,010	0,015	FALSE
0,069	0,279	0,002	0,007	0,121	FALSE
0,094	0,281	0,001	0,008	0,024	FALSE
0,006	0,293	-0,001	0,007	0,033	FALSE
0,078	0,293	0,002	0,007	0,120	FALSE
-0,006	0,293	0,000	0,006	0,023	FALSE
0,108	0,278	0,005	0,011	0,194	FALSE

0,101	0,277	0,001	0,007	0,074	FALSE
-0,053	0,303	-0,001	0,010	0,025	FALSE
-0,094	0,285	-0,002	0,007	0,102	FALSE
-0,096	0,292	-0,002	0,011	0,082	FALSE
-0,066	0,286	-0,002	0,007	0,086	FALSE
0,050	0,288	0,001	0,013	0,026	FALSE
0,035	0,261	0,001	0,011	0,025	FALSE
-0,069	0,273	-0,002	0,008	0,073	FALSE
-0,086	0,275	-0,003	0,009	0,115	FALSE
-0,014	0,287	-0,001	0,010	0,034	FALSE
-0,096	0,287	-0,002	0,007	0,130	FALSE
0,004	0,273	0,000	0,007	0,022	FALSE
-0,175	0,267	-0,004	0,009	0,181	FALSE
0,075	0,280	0,002	0,011	0,064	FALSE
0,008	0,296	0,001	0,013	0,040	FALSE
-0,050	0,290	-0,002	0,012	0,062	FALSE
0,071	0,301	0,003	0,012	0,104	FALSE
0,142	0,288	0,004	0,011	0,165	FALSE
0,029	0,280	0,001	0,009	0,047	FALSE
0,064	0,294	0,000	0,008	0,021	FALSE
-0,067	0,287	-0,002	0,009	0,065	FALSE
0,043	0,287	0,002	0,012	0,063	FALSE
-0,020	0,288	-0,001	0,010	0,030	FALSE
-0,116	0,284	-0,002	0,008	0,087	FALSE
0,034	0,304	0,001	0,007	0,044	FALSE
-0,044	0,291	-0,001	0,008	0,059	FALSE
0,071	0,303	0,003	0,010	0,126	FALSE
-0,111	0,300	-0,003	0,008	0,156	FALSE
0,098	0,276	0,004	0,009	0,162	FALSE
-0,022	0,295	-0,003	0,013	0,084	FALSE
0,120	0,298	0,004	0,011	0,160	FALSE
0,108	0,276	0,004	0,009	0,188	FALSE
-0,025	0,279	-0,001	0,007	0,055	FALSE
-0,012	0,278	0,001	0,008	0,031	FALSE
0,130	0,292	0,005	0,011	0,196	FALSE
0,116	0,287	0,005	0,009	0,237	FALSE
0,150	0,280	0,007	0,010	0,327	FALSE
0,148	0,286	0,005	0,011	0,193	FALSE
0,132	0,304	0,005	0,012	0,165	FALSE
-0,067	0,274	-0,003	0,011	0,111	FALSE
-0,105	0,284	-0,002	0,007	0,124	FALSE
0,082	0,295	0,001	0,006	0,085	FALSE
0,009	0,286	0,000	0,009	0,016	FALSE
-0,116	0,298	-0,005	0,012	0,172	FALSE
-0,071	0,292	-0,003	0,012	0,098	FALSE
-0,021	0,288	-0,001	0,010	0,041	FALSE
-0,050	0,297	-0,002	0,008	0,088	FALSE
-0,043	0,300	-0,001	0,012	0,033	FALSE
0,103	0,287	0,003	0,013	0,073	FALSE
0,079	0,286	0,001	0,007	0,049	FALSE
0,128	0,282	0,004	0,012	0,137	FALSE
-0,079	0,294	-0,004	0,010	0,147	FALSE
-0,046	0,292	-0,001	0,012	0,035	FALSE

0,089	0,280	0,002	0,006	0,104	FALSE
0,000	0,285	0,000	0,010	0,013	FALSE
0,021	0,287	0,000	0,011	0,006	FALSE
-0,045	0,289	-0,003	0,013	0,092	FALSE
-0,046	0,285	-0,001	0,010	0,024	FALSE
-0,002	0,293	0,001	0,009	0,049	FALSE
0,091	0,286	0,003	0,009	0,119	FALSE
0,067	0,293	0,003	0,010	0,101	FALSE
0,083	0,289	0,003	0,008	0,139	FALSE
-0,043	0,298	-0,003	0,008	0,160	FALSE
0,066	0,292	0,001	0,006	0,044	FALSE
0,101	0,272	0,002	0,008	0,098	FALSE
-0,033	0,284	-0,001	0,007	0,052	FALSE
0,055	0,285	0,002	0,008	0,078	FALSE
-0,007	0,299	0,000	0,007	0,006	FALSE
-0,078	0,294	-0,003	0,010	0,112	FALSE
-0,012	0,286	0,000	0,008	0,000	FALSE
0,010	0,291	0,001	0,011	0,022	FALSE
-0,030	0,315	-0,003	0,012	0,107	FALSE
-0,181	0,285	-0,006	0,010	0,264	FALSE
0,086	0,273	0,001	0,007	0,083	FALSE
0,051	0,278	0,002	0,013	0,068	FALSE
0,119	0,289	0,005	0,013	0,157	FALSE
0,014	0,288	0,000	0,009	0,005	FALSE
0,027	0,300	0,000	0,010	0,008	FALSE
0,017	0,293	0,000	0,008	0,012	FALSE
-0,128	0,289	-0,003	0,013	0,107	FALSE
0,168	0,291	0,003	0,007	0,207	FALSE
-0,031	0,290	-0,001	0,008	0,072	FALSE
-0,033	0,298	-0,003	0,013	0,083	FALSE
0,090	0,288	0,003	0,008	0,167	FALSE
-0,094	0,286	-0,002	0,009	0,093	FALSE
0,007	0,284	0,001	0,007	0,072	FALSE
0,002	0,299	0,001	0,008	0,033	FALSE
-0,024	0,304	-0,002	0,011	0,066	FALSE
-0,099	0,278	-0,002	0,012	0,050	FALSE
-0,074	0,281	-0,002	0,008	0,113	FALSE
0,080	0,296	0,000	0,006	0,025	FALSE
0,111	0,293	0,002	0,007	0,098	FALSE
-0,030	0,286	0,000	0,007	0,012	FALSE
-0,089	0,296	-0,004	0,012	0,148	FALSE
-0,065	0,301	-0,004	0,012	0,115	FALSE
-0,004	0,287	0,000	0,012	0,002	FALSE
-0,088	0,290	-0,004	0,012	0,136	FALSE
-0,127	0,294	-0,005	0,010	0,188	FALSE
-0,068	0,298	-0,003	0,011	0,128	FALSE
0,044	0,303	0,002	0,007	0,087	FALSE
-0,059	0,282	-0,002	0,008	0,098	FALSE
0,157	0,301	0,004	0,008	0,231	FALSE
0,060	0,295	0,001	0,009	0,023	FALSE
0,172	0,277	0,004	0,008	0,203	FALSE
-0,102	0,286	-0,004	0,010	0,145	FALSE
0,040	0,289	0,001	0,009	0,054	FALSE

0,004	0,290	0,002	0,010	0,094	FALSE
0,068	0,290	0,002	0,013	0,058	FALSE
-0,164	0,299	-0,003	0,009	0,131	FALSE
-0,106	0,279	-0,004	0,010	0,167	FALSE
0,016	0,281	0,001	0,011	0,027	FALSE
-0,069	0,285	-0,002	0,009	0,090	FALSE
0,083	0,279	0,003	0,008	0,161	FALSE
-0,002	0,291	0,000	0,013	0,003	FALSE
-0,198	0,292	-0,007	0,011	0,273	FALSE
0,013	0,286	0,000	0,009	0,018	FALSE
0,056	0,285	0,000	0,006	0,027	FALSE
0,039	0,286	0,000	0,009	0,005	FALSE
0,175	0,297	0,006	0,012	0,213	FALSE
-0,036	0,292	-0,001	0,008	0,038	FALSE
-0,082	0,285	-0,002	0,007	0,120	FALSE
-0,001	0,294	-0,001	0,012	0,033	FALSE
-0,013	0,294	0,000	0,010	0,018	FALSE
0,043	0,278	0,001	0,013	0,030	FALSE
-0,044	0,282	-0,001	0,009	0,043	FALSE
-0,073	0,268	-0,002	0,013	0,068	FALSE
0,100	0,283	0,001	0,008	0,058	FALSE
-0,007	0,298	0,000	0,010	0,002	FALSE
-0,020	0,287	0,000	0,012	0,014	FALSE
-0,022	0,285	0,000	0,010	0,003	FALSE
-0,033	0,276	-0,001	0,008	0,059	FALSE
0,061	0,295	0,004	0,013	0,126	FALSE
-0,101	0,287	-0,002	0,008	0,096	FALSE
-0,014	0,278	-0,001	0,011	0,041	FALSE
0,072	0,296	0,004	0,013	0,118	FALSE
0,112	0,291	0,005	0,013	0,155	FALSE
0,058	0,289	0,003	0,013	0,079	FALSE
0,065	0,292	0,001	0,008	0,055	FALSE
0,052	0,291	0,001	0,007	0,067	FALSE
0,161	0,275	0,003	0,007	0,167	FALSE
0,032	0,295	-0,001	0,011	0,048	FALSE
0,009	0,294	0,001	0,013	0,015	FALSE
0,081	0,288	0,001	0,006	0,069	FALSE
0,021	0,290	0,001	0,008	0,025	FALSE
0,054	0,294	0,002	0,008	0,104	FALSE
0,024	0,286	0,001	0,006	0,060	FALSE
-0,112	0,281	-0,003	0,008	0,164	FALSE
-0,114	0,311	-0,003	0,008	0,179	FALSE
-0,117	0,286	-0,004	0,007	0,203	FALSE
-0,016	0,300	-0,001	0,013	0,015	FALSE
0,018	0,283	0,000	0,007	0,020	FALSE
0,085	0,286	0,000	0,008	0,014	FALSE
0,002	0,289	0,001	0,008	0,054	FALSE
-0,193	0,275	-0,005	0,008	0,227	FALSE
-0,101	0,295	-0,005	0,013	0,150	FALSE
0,093	0,281	0,004	0,008	0,192	FALSE
0,007	0,275	0,001	0,011	0,033	FALSE
-0,054	0,286	-0,001	0,008	0,070	FALSE
-0,057	0,272	0,000	0,011	0,005	FALSE

-0,201	0,286	-0,007	0,010	0,287	FALSE
0,029	0,278	-0,001	0,008	0,045	FALSE
-0,050	0,288	-0,002	0,009	0,077	FALSE
-0,018	0,317	-0,001	0,009	0,051	FALSE
0,145	0,277	0,004	0,010	0,178	FALSE
0,055	0,285	0,002	0,007	0,119	FALSE
0,083	0,293	0,002	0,008	0,092	FALSE
0,055	0,292	0,001	0,007	0,027	FALSE
0,070	0,299	0,002	0,009	0,063	FALSE
-0,011	0,277	-0,001	0,007	0,066	FALSE
-0,040	0,289	-0,004	0,011	0,150	FALSE
0,030	0,283	0,000	0,012	0,004	FALSE
0,118	0,272	0,004	0,011	0,152	FALSE
-0,095	0,288	-0,003	0,008	0,143	FALSE
0,138	0,280	0,004	0,012	0,130	FALSE
0,019	0,293	0,000	0,007	0,022	FALSE
-0,029	0,276	-0,005	0,012	0,153	FALSE
-0,017	0,287	-0,002	0,011	0,079	FALSE
0,078	0,301	0,002	0,011	0,052	FALSE
0,074	0,299	0,001	0,011	0,039	FALSE
0,051	0,295	0,001	0,008	0,053	FALSE
0,089	0,300	0,001	0,008	0,064	FALSE
-0,067	0,291	-0,003	0,007	0,176	FALSE
0,117	0,272	0,003	0,009	0,103	FALSE
0,013	0,277	0,001	0,006	0,031	FALSE
-0,028	0,291	-0,002	0,011	0,085	FALSE
0,030	0,311	0,000	0,008	0,002	FALSE
0,123	0,295	0,005	0,013	0,156	FALSE
-0,100	0,295	-0,003	0,013	0,100	FALSE
-0,025	0,298	-0,001	0,007	0,032	FALSE
-0,211	0,282	-0,006	0,009	0,292	FALSE
0,005	0,284	0,000	0,012	0,001	FALSE
-0,042	0,286	0,000	0,010	0,001	FALSE
0,035	0,299	0,000	0,008	0,018	FALSE
-0,004	0,282	0,000	0,007	0,001	FALSE
0,020	0,285	0,002	0,012	0,047	FALSE
0,055	0,276	0,002	0,011	0,077	FALSE
-0,027	0,299	0,000	0,012	0,001	FALSE
0,040	0,272	0,000	0,011	0,015	FALSE
0,125	0,289	0,002	0,009	0,090	FALSE
0,003	0,288	-0,001	0,007	0,053	FALSE
-0,153	0,287	-0,006	0,012	0,195	FALSE
-0,058	0,282	-0,001	0,009	0,042	FALSE
-0,141	0,285	-0,004	0,009	0,157	FALSE
-0,029	0,289	0,000	0,007	0,015	FALSE
-0,051	0,283	-0,001	0,009	0,036	FALSE
-0,029	0,300	-0,002	0,009	0,104	FALSE
-0,050	0,274	-0,001	0,011	0,040	FALSE
0,086	0,299	0,004	0,012	0,137	FALSE
0,136	0,282	0,004	0,009	0,163	FALSE
-0,094	0,284	-0,002	0,007	0,088	FALSE
-0,011	0,305	0,000	0,013	0,001	FALSE
-0,001	0,298	0,000	0,011	0,007	FALSE

0,129	0,289	0,004	0,009	0,155	FALSE
0,010	0,287	-0,002	0,011	0,057	FALSE
0,084	0,281	0,001	0,011	0,020	FALSE
0,121	0,281	0,003	0,013	0,081	FALSE
-0,066	0,294	-0,003	0,009	0,114	FALSE
0,000	0,282	-0,001	0,008	0,040	FALSE
0,237	0,290	0,007	0,011	0,296	FALSE
0,083	0,295	0,001	0,007	0,046	FALSE
0,041	0,298	0,000	0,012	0,000	FALSE
0,093	0,304	0,002	0,009	0,099	FALSE
-0,014	0,285	-0,001	0,007	0,059	FALSE
-0,011	0,283	0,000	0,012	0,014	FALSE
-0,030	0,291	-0,001	0,007	0,079	FALSE
-0,062	0,289	-0,001	0,013	0,035	FALSE
-0,080	0,270	-0,001	0,006	0,056	FALSE
-0,066	0,287	0,000	0,011	0,005	FALSE
-0,118	0,309	-0,004	0,011	0,136	FALSE
0,099	0,284	0,001	0,008	0,056	FALSE
-0,023	0,298	0,000	0,009	0,004	FALSE
-0,011	0,299	0,000	0,007	0,011	FALSE
0,050	0,286	0,004	0,012	0,120	FALSE
-0,083	0,288	-0,004	0,011	0,142	FALSE
-0,072	0,292	-0,004	0,012	0,124	FALSE
-0,075	0,287	-0,003	0,010	0,112	FALSE
-0,004	0,282	0,000	0,012	0,005	FALSE
0,113	0,292	0,003	0,007	0,187	FALSE
-0,085	0,288	-0,002	0,007	0,109	FALSE
0,009	0,294	0,000	0,012	0,007	FALSE
0,057	0,281	0,000	0,010	0,012	FALSE
-0,080	0,289	-0,002	0,008	0,071	FALSE
-0,044	0,276	0,000	0,008	0,015	FALSE
0,066	0,291	0,001	0,007	0,028	FALSE
-0,141	0,288	-0,004	0,008	0,240	FALSE
-0,074	0,285	-0,002	0,007	0,111	FALSE
-0,065	0,287	-0,003	0,009	0,117	FALSE
-0,060	0,283	-0,002	0,011	0,072	FALSE
0,007	0,307	0,000	0,011	0,009	FALSE
-0,071	0,275	-0,002	0,008	0,093	FALSE
-0,073	0,287	-0,002	0,008	0,108	FALSE
-0,045	0,296	-0,001	0,009	0,052	FALSE
-0,210	0,280	-0,004	0,006	0,295	FALSE
0,047	0,296	0,001	0,007	0,033	FALSE
-0,173	0,292	-0,004	0,009	0,214	FALSE
0,019	0,296	0,001	0,013	0,021	FALSE
-0,020	0,282	0,000	0,008	0,018	FALSE
-0,026	0,300	-0,002	0,011	0,052	FALSE
0,026	0,279	-0,002	0,012	0,048	FALSE
-0,013	0,282	-0,001	0,007	0,069	FALSE
0,047	0,290	0,000	0,011	0,003	FALSE
0,149	0,285	0,007	0,013	0,241	FALSE
0,049	0,281	0,002	0,010	0,065	FALSE
-0,065	0,304	-0,002	0,008	0,085	FALSE
0,146	0,295	0,007	0,013	0,220	FALSE

0,026	0,297	0,000	0,006	0,024	FALSE
0,040	0,280	0,003	0,011	0,112	FALSE
-0,081	0,276	-0,001	0,008	0,063	FALSE
0,015	0,300	-0,001	0,011	0,046	FALSE
0,011	0,297	0,001	0,013	0,034	FALSE
0,019	0,306	0,001	0,014	0,029	FALSE
-0,086	0,299	-0,002	0,011	0,064	FALSE
0,017	0,279	0,002	0,007	0,118	FALSE
-0,016	0,301	-0,001	0,013	0,015	FALSE
-0,024	0,299	-0,001	0,013	0,026	FALSE
0,029	0,294	0,001	0,012	0,042	FALSE
0,024	0,307	0,001	0,013	0,032	FALSE
0,002	0,298	0,000	0,012	0,004	FALSE
-0,107	0,300	-0,004	0,013	0,127	FALSE
-0,016	0,296	-0,001	0,012	0,021	FALSE
-0,021	0,289	-0,001	0,012	0,045	FALSE
-0,003	0,304	0,000	0,013	0,006	FALSE
0,007	0,292	0,000	0,013	0,005	FALSE
-0,031	0,299	-0,001	0,013	0,038	FALSE
0,003	0,303	0,000	0,013	0,013	FALSE
-0,046	0,282	0,000	0,013	0,001	FALSE
0,095	0,279	0,002	0,013	0,054	FALSE
-0,111	0,277	-0,001	0,006	0,080	FALSE
0,043	0,292	0,000	0,008	0,013	FALSE
0,092	0,270	-0,001	0,008	0,031	FALSE
0,056	0,290	0,002	0,012	0,074	FALSE
0,088	0,287	0,002	0,006	0,129	FALSE
-0,052	0,290	-0,003	0,008	0,125	FALSE
0,136	0,286	0,003	0,007	0,151	FALSE
0,087	0,293	0,001	0,010	0,053	FALSE
0,106	0,284	0,003	0,008	0,138	TRUE
0,017	0,303	0,002	0,012	0,050	FALSE
0,043	0,299	0,001	0,007	0,033	FALSE
0,050	0,286	0,000	0,009	0,008	FALSE
0,023	0,280	0,002	0,009	0,061	FALSE
-0,029	0,289	0,000	0,007	0,016	FALSE
-0,046	0,292	-0,002	0,007	0,104	FALSE
0,048	0,292	0,002	0,009	0,101	FALSE
-0,030	0,279	-0,001	0,007	0,037	FALSE
-0,016	0,285	-0,001	0,008	0,024	FALSE
0,001	0,305	-0,001	0,009	0,021	FALSE
-0,048	0,287	0,001	0,013	0,025	FALSE
0,057	0,274	0,002	0,008	0,118	FALSE
-0,002	0,277	-0,002	0,011	0,060	FALSE
-0,026	0,283	-0,001	0,007	0,047	FALSE
-0,084	0,279	-0,002	0,008	0,092	FALSE
-0,052	0,296	-0,001	0,008	0,035	FALSE
0,092	0,290	0,002	0,007	0,097	FALSE
-0,092	0,289	-0,002	0,008	0,080	FALSE
0,027	0,291	0,000	0,007	0,020	FALSE
-0,087	0,280	-0,002	0,008	0,086	FALSE
0,145	0,287	0,004	0,007	0,291	FALSE
-0,059	0,283	0,000	0,008	0,007	FALSE

-0,007	0,281	0,000	0,006	0,021	FALSE
-0,103	0,293	-0,005	0,010	0,184	FALSE
-0,050	0,282	-0,001	0,008	0,069	FALSE
-0,028	0,304	-0,001	0,010	0,050	FALSE
-0,020	0,286	-0,001	0,007	0,029	FALSE
0,062	0,300	0,001	0,012	0,045	FALSE
0,088	0,279	0,003	0,012	0,107	FALSE
-0,012	0,279	-0,001	0,013	0,027	FALSE
-0,001	0,271	-0,001	0,012	0,030	FALSE
-0,085	0,268	-0,001	0,007	0,070	FALSE
0,058	0,293	0,002	0,013	0,061	FALSE
0,028	0,307	0,001	0,009	0,023	FALSE
-0,013	0,292	0,000	0,009	0,009	FALSE
-0,035	0,305	-0,001	0,007	0,061	FALSE
0,007	0,290	-0,001	0,010	0,025	FALSE
0,054	0,279	0,003	0,012	0,089	FALSE
-0,143	0,297	-0,005	0,010	0,181	FALSE
-0,022	0,297	-0,001	0,010	0,056	FALSE
0,011	0,288	0,000	0,010	0,012	FALSE
0,110	0,280	0,004	0,006	0,250	FALSE
0,075	0,288	0,002	0,008	0,102	FALSE
-0,008	0,285	-0,001	0,007	0,054	FALSE
0,005	0,283	0,003	0,011	0,107	FALSE
0,021	0,289	0,003	0,009	0,111	FALSE
-0,090	0,287	-0,001	0,007	0,072	FALSE
0,092	0,291	0,001	0,013	0,035	FALSE
-0,072	0,293	-0,002	0,007	0,096	FALSE
-0,001	0,283	0,001	0,007	0,061	FALSE
-0,177	0,279	-0,005	0,009	0,218	FALSE
-0,061	0,264	-0,003	0,010	0,142	FALSE
-0,123	0,291	-0,004	0,012	0,143	FALSE
0,171	0,286	0,006	0,014	0,193	FALSE
-0,068	0,283	-0,003	0,011	0,106	FALSE
-0,088	0,297	-0,003	0,011	0,107	FALSE
-0,076	0,291	-0,003	0,012	0,095	FALSE
-0,097	0,292	-0,003	0,009	0,124	FALSE
-0,150	0,284	-0,007	0,011	0,297	FALSE
-0,135	0,274	-0,007	0,011	0,290	FALSE
0,106	0,280	0,006	0,012	0,198	FALSE
-0,115	0,285	-0,005	0,011	0,198	FALSE
0,049	0,283	0,004	0,009	0,185	FALSE
-0,021	0,280	0,000	0,008	0,004	FALSE
-0,017	0,285	0,000	0,008	0,005	FALSE
0,069	0,298	0,001	0,007	0,053	FALSE
0,107	0,290	0,003	0,012	0,080	FALSE
0,204	0,283	0,008	0,012	0,291	FALSE
0,065	0,291	0,001	0,009	0,050	FALSE
-0,057	0,276	-0,001	0,006	0,069	FALSE
-0,010	0,288	-0,001	0,013	0,034	FALSE
-0,111	0,298	-0,005	0,012	0,181	FALSE
0,028	0,308	0,000	0,013	0,004	FALSE
0,021	0,290	0,000	0,012	0,012	FALSE
-0,221	0,281	-0,004	0,007	0,273	FALSE

-0,123	0,284	-0,002	0,009	0,089	FALSE
0,077	0,292	0,001	0,008	0,060	FALSE
0,034	0,282	-0,001	0,010	0,021	FALSE
-0,183	0,284	-0,004	0,008	0,186	FALSE
-0,134	0,291	-0,004	0,008	0,176	FALSE
-0,067	0,294	-0,002	0,013	0,064	FALSE
-0,117	0,290	-0,004	0,013	0,112	FALSE
0,119	0,285	0,002	0,007	0,140	FALSE
0,063	0,290	0,003	0,010	0,116	FALSE
0,086	0,298	0,002	0,012	0,070	FALSE
-0,074	0,282	-0,002	0,010	0,088	FALSE
0,144	0,297	0,004	0,008	0,183	FALSE
-0,009	0,291	0,001	0,008	0,055	FALSE
0,085	0,290	0,002	0,009	0,103	FALSE
0,021	0,298	0,000	0,010	0,001	FALSE
0,094	0,277	0,001	0,010	0,035	FALSE
-0,155	0,289	-0,003	0,008	0,164	FALSE
-0,068	0,304	-0,002	0,012	0,077	FALSE
-0,033	0,293	-0,002	0,009	0,088	FALSE
-0,041	0,289	-0,002	0,010	0,082	FALSE
-0,060	0,289	-0,004	0,012	0,118	FALSE
-0,130	0,282	-0,003	0,008	0,147	FALSE
-0,087	0,291	-0,003	0,010	0,132	FALSE
0,142	0,295	0,006	0,009	0,280	FALSE
0,121	0,287	0,002	0,011	0,085	FALSE
-0,129	0,292	-0,003	0,007	0,180	FALSE
0,151	0,286	0,006	0,012	0,194	FALSE
0,005	0,294	-0,001	0,007	0,059	FALSE
0,163	0,280	0,005	0,011	0,167	FALSE
0,062	0,297	0,003	0,010	0,103	FALSE
0,101	0,299	0,004	0,010	0,154	FALSE
-0,059	0,287	-0,002	0,009	0,077	FALSE
0,076	0,297	0,002	0,010	0,090	FALSE
0,048	0,292	0,000	0,008	0,018	FALSE
-0,091	0,280	-0,002	0,007	0,116	FALSE
-0,079	0,280	-0,003	0,009	0,113	FALSE
0,110	0,284	0,005	0,013	0,153	FALSE
-0,023	0,288	-0,001	0,013	0,026	FALSE
-0,026	0,275	-0,001	0,008	0,039	FALSE
0,012	0,287	0,000	0,006	0,019	FALSE
0,009	0,285	-0,001	0,013	0,014	FALSE
-0,158	0,283	-0,007	0,012	0,247	FALSE
0,257	0,265	0,007	0,010	0,332	FALSE
-0,120	0,295	-0,006	0,012	0,220	FALSE
0,178	0,295	0,003	0,006	0,210	FALSE
-0,169	0,282	-0,008	0,011	0,306	FALSE
-0,147	0,292	-0,006	0,013	0,182	FALSE
0,115	0,302	0,004	0,011	0,145	FALSE
0,066	0,284	0,002	0,010	0,079	FALSE
0,051	0,287	0,002	0,012	0,055	FALSE
0,006	0,284	0,001	0,010	0,035	FALSE
0,020	0,294	0,002	0,011	0,059	FALSE
-0,066	0,298	-0,003	0,013	0,091	FALSE

-0,003	0,295	0,001	0,012	0,027	FALSE
-0,053	0,281	0,000	0,007	0,023	FALSE
-0,041	0,284	-0,001	0,007	0,054	FALSE
-0,054	0,269	-0,002	0,009	0,095	FALSE
0,041	0,287	0,002	0,012	0,057	FALSE
-0,038	0,300	-0,002	0,009	0,104	FALSE
-0,021	0,291	-0,002	0,012	0,064	FALSE
0,124	0,285	0,005	0,008	0,279	FALSE
0,046	0,290	0,002	0,012	0,069	FALSE
-0,072	0,288	0,000	0,007	0,022	FALSE
0,071	0,285	0,002	0,010	0,069	FALSE
-0,037	0,288	-0,001	0,009	0,039	FALSE
-0,109	0,286	-0,004	0,011	0,137	FALSE
-0,144	0,289	-0,005	0,009	0,220	FALSE
-0,054	0,292	-0,002	0,007	0,096	FALSE
-0,007	0,299	0,001	0,009	0,046	FALSE
0,020	0,292	0,002	0,013	0,065	FALSE
-0,016	0,296	-0,001	0,008	0,044	FALSE
0,002	0,284	0,002	0,012	0,054	FALSE
0,031	0,291	0,000	0,013	0,012	FALSE
0,120	0,286	0,006	0,013	0,194	FALSE
-0,081	0,285	-0,001	0,009	0,052	FALSE
0,044	0,307	0,001	0,007	0,040	FALSE
0,035	0,278	-0,001	0,006	0,057	FALSE
-0,005	0,295	0,001	0,007	0,049	FALSE
0,099	0,281	0,004	0,010	0,145	FALSE
0,052	0,280	0,001	0,011	0,036	FALSE
0,075	0,289	0,001	0,007	0,055	FALSE
0,093	0,289	0,003	0,013	0,091	FALSE
0,050	0,288	0,001	0,013	0,016	FALSE
0,000	0,295	0,001	0,013	0,033	FALSE
-0,027	0,279	-0,003	0,009	0,116	FALSE
-0,074	0,279	-0,003	0,009	0,145	FALSE
-0,070	0,284	-0,003	0,009	0,149	FALSE
-0,077	0,280	-0,002	0,007	0,096	FALSE
-0,071	0,286	-0,002	0,011	0,057	FALSE
-0,102	0,280	-0,004	0,010	0,168	FALSE
-0,095	0,297	-0,002	0,012	0,081	FALSE
-0,071	0,270	-0,009	0,012	0,309	FALSE
-0,049	0,295	-0,004	0,013	0,123	FALSE
0,001	0,296	-0,001	0,010	0,033	FALSE
0,026	0,284	0,001	0,009	0,034	FALSE
0,005	0,294	0,001	0,007	0,030	FALSE
0,028	0,291	0,001	0,007	0,065	FALSE
0,027	0,282	0,001	0,011	0,044	FALSE
0,085	0,290	0,003	0,012	0,081	FALSE
0,112	0,290	0,003	0,012	0,109	FALSE
0,057	0,293	0,001	0,011	0,025	FALSE
0,030	0,277	0,001	0,008	0,039	FALSE
-0,104	0,303	-0,004	0,010	0,162	FALSE
0,168	0,297	0,004	0,008	0,210	FALSE
-0,046	0,297	-0,002	0,010	0,089	FALSE
0,005	0,289	-0,001	0,007	0,062	FALSE

0,012	0,296	0,001	0,007	0,045	FALSE
0,015	0,289	0,003	0,012	0,085	FALSE
-0,048	0,299	-0,002	0,011	0,055	FALSE
-0,033	0,291	0,000	0,007	0,015	FALSE
-0,005	0,305	0,000	0,008	0,000	FALSE
0,043	0,285	0,000	0,011	0,008	FALSE
0,014	0,290	0,000	0,007	0,006	FALSE
0,082	0,272	0,002	0,012	0,053	FALSE
0,105	0,290	0,005	0,012	0,180	FALSE
0,150	0,289	0,004	0,011	0,166	FALSE
-0,003	0,289	-0,002	0,012	0,056	FALSE
0,028	0,286	-0,001	0,013	0,027	FALSE
-0,065	0,276	0,000	0,010	0,015	FALSE
-0,119	0,289	-0,002	0,007	0,115	FALSE
0,012	0,289	0,000	0,007	0,024	FALSE
0,006	0,301	0,000	0,011	0,002	FALSE
-0,074	0,285	-0,002	0,008	0,085	FALSE
0,010	0,285	0,000	0,013	0,001	FALSE
-0,097	0,277	-0,001	0,009	0,048	FALSE
-0,049	0,275	0,000	0,007	0,025	FALSE
-0,089	0,282	-0,001	0,008	0,053	FALSE
0,035	0,291	0,001	0,013	0,025	FALSE
-0,009	0,299	-0,001	0,012	0,019	FALSE
-0,024	0,278	-0,002	0,009	0,099	FALSE
0,038	0,289	0,000	0,011	0,001	FALSE
-0,006	0,284	0,000	0,009	0,012	FALSE
-0,090	0,290	-0,002	0,007	0,104	FALSE
-0,003	0,273	-0,001	0,011	0,040	FALSE
0,062	0,284	0,002	0,007	0,119	FALSE
-0,060	0,288	-0,003	0,010	0,107	FALSE
0,038	0,290	0,000	0,012	0,007	FALSE
-0,030	0,293	-0,001	0,009	0,022	FALSE
0,037	0,298	0,002	0,013	0,053	FALSE
0,030	0,296	0,000	0,013	0,009	FALSE
-0,100	0,286	-0,004	0,013	0,105	FALSE
-0,005	0,293	-0,003	0,009	0,121	FALSE
0,062	0,303	0,002	0,006	0,113	FALSE
-0,152	0,273	-0,003	0,009	0,116	FALSE
0,112	0,287	0,004	0,008	0,199	FALSE
0,034	0,292	0,001	0,007	0,051	FALSE
0,078	0,290	0,001	0,007	0,077	FALSE
0,079	0,283	0,002	0,008	0,100	FALSE
-0,027	0,291	0,000	0,010	0,006	FALSE
-0,075	0,278	-0,002	0,013	0,043	FALSE
-0,126	0,286	-0,002	0,007	0,101	FALSE
-0,073	0,288	-0,001	0,008	0,044	FALSE
0,006	0,307	-0,001	0,014	0,031	FALSE
-0,089	0,272	-0,002	0,007	0,109	FALSE
-0,021	0,304	-0,002	0,009	0,068	FALSE
0,044	0,294	0,002	0,012	0,073	FALSE
0,054	0,289	0,001	0,009	0,026	FALSE
0,073	0,291	0,001	0,009	0,032	FALSE
-0,007	0,295	-0,002	0,009	0,074	FALSE

0,007	0,308	-0,001	0,009	0,021	FALSE
0,043	0,289	0,001	0,006	0,061	FALSE
0,002	0,295	-0,001	0,007	0,046	FALSE
0,022	0,299	0,001	0,007	0,034	FALSE
0,091	0,287	0,004	0,011	0,139	FALSE
0,159	0,277	0,004	0,009	0,173	FALSE
0,059	0,293	0,001	0,008	0,029	FALSE
-0,062	0,282	-0,003	0,010	0,126	FALSE
-0,030	0,286	0,000	0,007	0,001	FALSE
0,048	0,285	0,003	0,012	0,087	FALSE
0,020	0,296	-0,001	0,008	0,029	FALSE
0,042	0,284	0,000	0,007	0,024	FALSE
-0,035	0,300	-0,002	0,013	0,051	FALSE
-0,053	0,270	-0,002	0,012	0,051	FALSE
-0,099	0,289	-0,002	0,008	0,113	FALSE
-0,079	0,296	-0,004	0,011	0,133	FALSE
0,053	0,310	0,002	0,007	0,101	FALSE
0,126	0,287	0,003	0,008	0,123	FALSE
-0,124	0,287	-0,004	0,011	0,127	FALSE
-0,079	0,289	-0,002	0,011	0,068	FALSE
0,003	0,306	0,000	0,007	0,006	FALSE
0,036	0,296	0,002	0,010	0,071	FALSE
-0,045	0,312	-0,002	0,008	0,087	FALSE
0,212	0,285	0,005	0,008	0,269	FALSE
-0,087	0,280	-0,004	0,012	0,120	FALSE
-0,170	0,295	-0,003	0,007	0,203	FALSE
-0,065	0,304	-0,003	0,010	0,099	FALSE
-0,040	0,282	-0,001	0,006	0,044	FALSE
-0,092	0,291	-0,003	0,011	0,115	FALSE
0,124	0,298	0,003	0,007	0,147	FALSE
0,064	0,287	0,003	0,010	0,108	FALSE
0,100	0,286	0,005	0,010	0,198	FALSE
0,086	0,276	0,001	0,007	0,037	FALSE
-0,101	0,290	-0,004	0,012	0,129	FALSE
0,069	0,278	0,002	0,012	0,071	FALSE
-0,103	0,285	-0,002	0,011	0,078	FALSE
-0,005	0,307	-0,001	0,009	0,060	FALSE
-0,034	0,289	0,000	0,010	0,004	FALSE
-0,049	0,281	-0,002	0,009	0,091	FALSE
-0,085	0,282	-0,001	0,007	0,043	FALSE
0,003	0,290	-0,001	0,008	0,025	FALSE
-0,011	0,291	-0,001	0,007	0,025	FALSE
-0,054	0,295	-0,003	0,012	0,102	FALSE
-0,183	0,280	-0,004	0,007	0,225	FALSE
0,104	0,291	0,002	0,013	0,048	FALSE
-0,063	0,280	-0,002	0,012	0,066	FALSE
-0,060	0,295	-0,001	0,007	0,056	FALSE
0,056	0,291	0,001	0,007	0,049	FALSE
0,138	0,300	0,006	0,012	0,210	FALSE
0,069	0,295	0,004	0,010	0,141	FALSE
-0,008	0,297	0,001	0,008	0,049	FALSE
0,109	0,298	0,005	0,013	0,157	FALSE
-0,010	0,292	0,000	0,009	0,008	FALSE

0,038	0,290	0,001	0,008	0,047	FALSE
-0,098	0,288	-0,004	0,011	0,154	FALSE
-0,060	0,276	-0,002	0,009	0,093	FALSE
-0,037	0,305	-0,001	0,010	0,055	FALSE
-0,028	0,298	-0,001	0,011	0,048	FALSE
-0,090	0,299	-0,002	0,013	0,067	FALSE
0,081	0,288	0,002	0,006	0,134	FALSE
0,076	0,305	0,001	0,011	0,017	FALSE
0,003	0,285	0,001	0,010	0,041	FALSE
0,035	0,303	0,001	0,008	0,049	FALSE
0,082	0,276	0,004	0,011	0,122	FALSE
-0,003	0,291	0,000	0,012	0,004	FALSE
0,007	0,277	0,000	0,011	0,008	FALSE
-0,098	0,292	-0,005	0,013	0,158	FALSE
-0,049	0,278	-0,002	0,006	0,094	FALSE
-0,015	0,294	-0,002	0,009	0,071	FALSE
0,023	0,288	0,001	0,008	0,054	FALSE
0,082	0,295	0,002	0,009	0,076	FALSE
0,040	0,297	0,001	0,013	0,032	FALSE
0,064	0,294	0,003	0,012	0,084	FALSE
0,065	0,297	0,002	0,007	0,096	FALSE
-0,014	0,281	0,000	0,013	0,001	FALSE
0,175	0,279	0,004	0,009	0,161	FALSE
0,009	0,284	-0,001	0,008	0,028	FALSE
0,023	0,297	0,002	0,007	0,086	FALSE
-0,094	0,280	-0,001	0,008	0,052	FALSE
-0,022	0,289	-0,002	0,010	0,066	FALSE
-0,082	0,286	-0,004	0,010	0,159	FALSE
0,063	0,289	0,003	0,007	0,150	FALSE
0,066	0,278	0,003	0,009	0,131	FALSE
-0,022	0,282	0,000	0,006	0,005	FALSE
0,049	0,288	0,002	0,007	0,094	FALSE
0,052	0,293	0,002	0,011	0,066	FALSE
0,046	0,283	0,001	0,006	0,045	FALSE
-0,147	0,288	-0,002	0,008	0,120	FALSE
-0,005	0,286	0,000	0,007	0,023	FALSE
-0,046	0,291	-0,001	0,010	0,042	FALSE
-0,066	0,295	-0,001	0,006	0,061	FALSE
-0,018	0,284	0,000	0,010	0,011	FALSE
-0,012	0,309	0,001	0,009	0,036	FALSE
0,145	0,292	0,003	0,010	0,119	FALSE
0,128	0,284	0,003	0,008	0,146	FALSE
0,020	0,279	0,001	0,010	0,020	FALSE
0,121	0,286	0,004	0,012	0,118	FALSE
0,087	0,282	0,001	0,008	0,029	FALSE
0,049	0,294	0,000	0,007	0,025	FALSE
0,023	0,292	0,000	0,007	0,000	FALSE
0,086	0,287	0,003	0,012	0,094	FALSE
0,036	0,296	0,001	0,008	0,049	FALSE
-0,065	0,282	-0,001	0,008	0,032	FALSE
0,026	0,289	0,001	0,007	0,047	FALSE
0,180	0,292	0,006	0,010	0,274	FALSE
-0,086	0,287	-0,002	0,007	0,152	FALSE

0,095	0,304	0,003	0,013	0,101	FALSE
-0,052	0,293	-0,001	0,008	0,022	FALSE
0,018	0,288	0,002	0,009	0,091	FALSE
-0,078	0,286	-0,001	0,009	0,027	FALSE
0,207	0,283	0,008	0,013	0,257	FALSE
0,065	0,289	0,002	0,007	0,084	FALSE
0,034	0,288	0,000	0,011	0,008	FALSE
-0,021	0,291	0,000	0,013	0,002	FALSE
0,008	0,291	0,000	0,012	0,010	FALSE
-0,010	0,293	0,001	0,011	0,038	FALSE
0,142	0,295	0,005	0,011	0,174	FALSE
0,168	0,283	0,007	0,012	0,223	FALSE
-0,079	0,285	-0,001	0,007	0,061	FALSE
0,117	0,284	0,001	0,007	0,060	FALSE
0,168	0,288	0,005	0,008	0,255	FALSE
-0,080	0,296	-0,003	0,011	0,115	FALSE
-0,058	0,281	-0,001	0,008	0,051	FALSE
-0,074	0,292	-0,003	0,012	0,080	FALSE
-0,203	0,279	-0,004	0,007	0,278	FALSE
-0,010	0,297	0,000	0,007	0,002	FALSE
0,228	0,285	0,007	0,009	0,367	FALSE
0,089	0,294	0,002	0,007	0,096	FALSE
0,096	0,295	0,003	0,007	0,154	FALSE
-0,168	0,265	-0,007	0,011	0,260	FALSE
-0,007	0,294	0,001	0,012	0,015	FALSE
0,067	0,288	0,003	0,012	0,111	FALSE
-0,094	0,281	-0,002	0,010	0,090	FALSE
-0,143	0,283	-0,002	0,010	0,088	FALSE
-0,045	0,271	0,000	0,011	0,012	FALSE
0,023	0,289	0,001	0,007	0,081	FALSE
-0,049	0,299	-0,003	0,009	0,109	FALSE
0,050	0,282	0,000	0,008	0,007	FALSE
-0,020	0,295	-0,001	0,007	0,039	FALSE
-0,090	0,288	-0,003	0,009	0,111	FALSE
0,024	0,296	0,001	0,008	0,047	FALSE
0,045	0,291	0,001	0,007	0,070	FALSE
0,062	0,293	0,002	0,007	0,115	FALSE
0,028	0,279	0,002	0,008	0,088	FALSE
-0,075	0,286	0,000	0,007	0,027	FALSE
-0,081	0,285	-0,001	0,007	0,036	FALSE
0,039	0,279	0,001	0,011	0,039	FALSE
0,036	0,301	0,001	0,008	0,025	FALSE
0,008	0,289	0,002	0,013	0,051	FALSE
0,134	0,278	0,004	0,010	0,181	FALSE
0,077	0,294	0,005	0,013	0,144	FALSE
-0,037	0,293	0,000	0,006	0,020	FALSE
0,161	0,286	0,006	0,011	0,254	FALSE
0,009	0,294	0,000	0,009	0,006	FALSE
0,093	0,295	0,005	0,011	0,183	FALSE
-0,051	0,292	-0,001	0,007	0,062	FALSE
0,074	0,283	0,002	0,012	0,066	FALSE
0,004	0,305	-0,001	0,007	0,026	FALSE
-0,169	0,285	-0,004	0,007	0,215	FALSE

0,032	0,285	0,001	0,012	0,027	FALSE
0,052	0,287	0,003	0,012	0,083	FALSE
0,039	0,300	0,002	0,011	0,050	FALSE
0,060	0,284	0,002	0,006	0,157	FALSE
-0,033	0,292	-0,001	0,007	0,055	FALSE
-0,046	0,295	-0,001	0,013	0,042	FALSE
0,022	0,299	0,001	0,013	0,021	FALSE
-0,005	0,279	-0,001	0,008	0,048	FALSE
0,143	0,293	0,005	0,009	0,274	FALSE
-0,111	0,289	-0,002	0,009	0,094	FALSE
-0,091	0,280	-0,003	0,013	0,098	FALSE
-0,082	0,291	-0,005	0,011	0,165	FALSE
-0,147	0,278	-0,004	0,008	0,221	FALSE
0,116	0,290	0,005	0,013	0,170	FALSE
0,116	0,290	0,005	0,013	0,166	FALSE
0,150	0,287	0,004	0,008	0,183	FALSE
0,135	0,303	0,003	0,008	0,131	FALSE
-0,109	0,275	-0,004	0,009	0,180	FALSE
0,157	0,288	0,004	0,009	0,183	FALSE
0,148	0,290	0,003	0,008	0,169	FALSE
0,002	0,286	-0,001	0,006	0,038	FALSE
-0,104	0,288	-0,002	0,007	0,111	FALSE
0,041	0,287	0,001	0,006	0,046	FALSE
0,065	0,298	0,001	0,007	0,074	FALSE
0,016	0,295	0,002	0,009	0,074	FALSE
-0,032	0,271	0,000	0,011	0,007	FALSE
-0,072	0,291	-0,002	0,007	0,082	FALSE
-0,143	0,287	-0,004	0,012	0,134	FALSE
-0,036	0,281	0,001	0,011	0,040	FALSE
-0,206	0,283	-0,005	0,007	0,287	FALSE
0,021	0,288	0,001	0,010	0,028	FALSE
-0,201	0,282	-0,004	0,007	0,273	FALSE
0,020	0,289	0,001	0,007	0,031	FALSE
-0,014	0,295	0,000	0,009	0,010	FALSE
-0,049	0,296	-0,001	0,007	0,054	FALSE
0,009	0,308	0,000	0,007	0,017	FALSE
0,048	0,302	0,001	0,006	0,038	FALSE
-0,025	0,284	0,000	0,010	0,016	FALSE
0,156	0,286	0,005	0,008	0,255	FALSE
0,094	0,272	0,004	0,009	0,195	FALSE
-0,093	0,284	-0,002	0,008	0,115	FALSE
0,074	0,292	0,002	0,010	0,089	FALSE
-0,088	0,284	-0,002	0,007	0,095	FALSE
0,093	0,291	0,001	0,007	0,057	FALSE
0,016	0,286	0,001	0,008	0,065	FALSE
-0,091	0,295	-0,004	0,010	0,146	FALSE
0,136	0,282	0,005	0,011	0,186	FALSE
0,146	0,286	0,004	0,012	0,140	FALSE
-0,104	0,292	-0,002	0,007	0,136	FALSE
0,024	0,277	0,000	0,007	0,003	FALSE
-0,024	0,302	-0,001	0,012	0,022	FALSE
-0,055	0,302	-0,002	0,012	0,049	FALSE
-0,036	0,277	-0,001	0,012	0,038	FALSE

-0,034	0,305	-0,002	0,012	0,053	FALSE
0,052	0,286	0,003	0,009	0,132	FALSE
-0,076	0,280	-0,002	0,008	0,121	FALSE
0,083	0,288	0,003	0,008	0,145	FALSE
-0,092	0,290	-0,003	0,012	0,098	FALSE
0,039	0,292	0,002	0,008	0,079	FALSE
-0,014	0,280	0,000	0,008	0,005	FALSE
0,027	0,294	-0,001	0,012	0,034	FALSE
-0,019	0,284	-0,004	0,012	0,116	FALSE
0,034	0,303	0,000	0,013	0,010	FALSE
-0,003	0,283	0,000	0,012	0,008	FALSE
0,047	0,289	0,001	0,008	0,047	FALSE
0,140	0,281	0,004	0,008	0,202	FALSE
-0,037	0,296	0,000	0,014	0,004	FALSE
-0,007	0,286	0,002	0,012	0,059	FALSE
0,025	0,294	0,000	0,007	0,025	FALSE
0,058	0,295	0,001	0,008	0,039	FALSE
0,125	0,293	0,003	0,007	0,160	FALSE
0,004	0,288	0,001	0,007	0,033	FALSE
0,017	0,288	0,000	0,010	0,011	FALSE
-0,147	0,287	-0,005	0,012	0,180	FALSE
0,013	0,291	0,001	0,007	0,042	FALSE
-0,043	0,299	-0,002	0,011	0,077	FALSE
-0,099	0,296	-0,002	0,009	0,066	FALSE
0,046	0,287	0,003	0,013	0,098	FALSE
-0,013	0,282	0,000	0,012	0,009	FALSE
0,072	0,291	0,001	0,010	0,044	FALSE
0,000	0,278	-0,002	0,008	0,091	FALSE
0,108	0,288	0,003	0,012	0,103	FALSE
-0,091	0,289	-0,001	0,010	0,043	FALSE
-0,070	0,302	-0,002	0,008	0,083	FALSE
0,050	0,295	0,001	0,012	0,044	FALSE
-0,071	0,294	-0,004	0,013	0,110	FALSE
-0,022	0,288	0,000	0,010	0,002	FALSE
0,034	0,286	0,002	0,010	0,076	FALSE
-0,013	0,296	0,000	0,010	0,010	FALSE
-0,038	0,291	-0,001	0,007	0,036	FALSE
-0,121	0,291	-0,004	0,009	0,177	FALSE
-0,004	0,296	0,000	0,010	0,018	FALSE
-0,123	0,282	-0,003	0,008	0,130	FALSE
0,014	0,283	0,000	0,006	0,012	FALSE
-0,007	0,289	0,000	0,012	0,005	FALSE
0,126	0,294	0,004	0,010	0,147	FALSE
0,113	0,305	0,003	0,008	0,148	FALSE
0,045	0,296	0,002	0,013	0,045	FALSE
0,047	0,288	0,001	0,012	0,040	FALSE
0,210	0,271	0,007	0,012	0,233	FALSE
0,243	0,259	0,007	0,012	0,255	FALSE
-0,134	0,288	-0,003	0,009	0,135	FALSE
0,014	0,285	0,001	0,008	0,038	FALSE
0,062	0,287	0,002	0,008	0,100	FALSE
0,099	0,281	0,002	0,009	0,088	FALSE
0,075	0,279	0,003	0,009	0,136	FALSE

-0,086	0,279	0,000	0,008	0,012	FALSE
0,064	0,292	0,002	0,010	0,063	FALSE
-0,064	0,286	0,000	0,008	0,010	FALSE
-0,015	0,305	0,000	0,007	0,013	FALSE
0,039	0,302	-0,001	0,007	0,034	FALSE
-0,040	0,307	-0,002	0,010	0,091	FALSE
-0,004	0,283	-0,001	0,011	0,019	FALSE
0,186	0,271	0,007	0,009	0,327	FALSE
0,130	0,277	0,005	0,012	0,161	FALSE
-0,112	0,279	-0,001	0,007	0,086	FALSE
-0,003	0,291	-0,001	0,007	0,040	FALSE
0,045	0,281	0,002	0,006	0,151	FALSE
-0,139	0,296	-0,002	0,008	0,109	FALSE
0,030	0,284	0,003	0,009	0,139	FALSE
0,025	0,298	0,000	0,013	0,012	FALSE
-0,042	0,285	0,001	0,009	0,030	FALSE
0,000	0,292	0,001	0,007	0,051	FALSE
-0,036	0,275	0,001	0,011	0,036	FALSE
0,008	0,295	0,001	0,008	0,022	FALSE
-0,004	0,296	-0,001	0,011	0,018	FALSE
0,017	0,286	0,000	0,008	0,021	FALSE
-0,044	0,283	-0,002	0,012	0,070	FALSE
0,046	0,295	0,003	0,013	0,076	FALSE
-0,098	0,286	-0,002	0,011	0,074	FALSE
-0,052	0,287	0,000	0,010	0,008	FALSE
0,025	0,289	0,000	0,011	0,011	FALSE
-0,039	0,300	0,000	0,007	0,009	FALSE
-0,055	0,288	-0,002	0,008	0,111	FALSE
0,025	0,284	0,002	0,011	0,057	FALSE
-0,204	0,277	-0,006	0,011	0,232	FALSE
-0,057	0,290	-0,002	0,008	0,115	FALSE
-0,010	0,292	0,000	0,007	0,023	FALSE
0,197	0,288	0,006	0,010	0,278	FALSE
0,166	0,296	0,005	0,010	0,201	FALSE
0,060	0,296	0,001	0,010	0,050	FALSE
0,123	0,298	0,006	0,013	0,185	FALSE
0,026	0,305	0,001	0,009	0,051	FALSE
0,041	0,283	0,001	0,008	0,060	FALSE
-0,042	0,289	-0,002	0,008	0,090	FALSE
0,024	0,292	0,000	0,013	0,005	FALSE
0,121	0,267	0,002	0,008	0,081	FALSE
0,018	0,295	0,000	0,013	0,005	FALSE
0,027	0,296	0,001	0,008	0,054	FALSE
-0,004	0,306	0,002	0,010	0,056	FALSE
0,073	0,284	0,002	0,013	0,071	FALSE
-0,029	0,286	0,001	0,012	0,019	FALSE
-0,060	0,290	-0,001	0,009	0,033	FALSE
-0,023	0,292	0,000	0,009	0,017	FALSE
0,161	0,277	0,004	0,008	0,199	FALSE
-0,063	0,296	-0,003	0,012	0,079	FALSE
-0,083	0,287	-0,003	0,012	0,091	FALSE
-0,032	0,305	0,000	0,009	0,011	FALSE
-0,011	0,295	-0,001	0,010	0,032	FALSE

0,012	0,290	0,002	0,007	0,094	FALSE
-0,055	0,292	-0,001	0,009	0,044	FALSE
-0,063	0,290	-0,002	0,009	0,061	FALSE
-0,049	0,288	-0,001	0,009	0,041	FALSE
0,148	0,277	0,006	0,012	0,221	FALSE
0,043	0,294	0,000	0,011	0,008	FALSE
-0,073	0,283	-0,003	0,013	0,077	FALSE
0,053	0,286	0,001	0,012	0,022	FALSE
0,036	0,296	0,000	0,012	0,004	FALSE
0,034	0,293	0,000	0,008	0,004	FALSE
0,018	0,295	0,001	0,008	0,023	FALSE
-0,031	0,295	-0,001	0,008	0,045	FALSE
0,016	0,291	0,001	0,007	0,056	FALSE
-0,008	0,288	0,000	0,010	0,009	FALSE
0,150	0,284	0,004	0,013	0,128	FALSE
-0,077	0,292	-0,002	0,007	0,101	FALSE
-0,046	0,299	-0,001	0,011	0,045	FALSE
-0,157	0,292	-0,003	0,008	0,164	FALSE
0,038	0,283	0,000	0,009	0,009	FALSE
-0,029	0,298	-0,001	0,008	0,058	FALSE
-0,134	0,299	-0,004	0,008	0,189	FALSE
0,036	0,282	0,001	0,012	0,019	FALSE
0,002	0,295	0,000	0,012	0,006	FALSE
0,005	0,305	0,000	0,013	0,003	FALSE
0,013	0,310	0,000	0,014	0,011	FALSE
-0,001	0,289	0,000	0,012	0,002	FALSE
0,013	0,309	0,001	0,013	0,019	FALSE
0,024	0,294	0,001	0,013	0,031	FALSE
0,025	0,307	0,001	0,014	0,030	FALSE
0,014	0,302	0,001	0,013	0,019	FALSE
-0,006	0,298	0,000	0,013	0,006	FALSE
0,014	0,294	0,001	0,013	0,024	FALSE
-0,023	0,307	-0,001	0,013	0,023	FALSE
-0,001	0,293	0,000	0,013	0,005	FALSE
-0,026	0,294	-0,001	0,011	0,030	FALSE
-0,008	0,297	-0,001	0,011	0,027	FALSE
0,040	0,296	0,003	0,013	0,100	FALSE
-0,059	0,289	0,000	0,009	0,003	FALSE
0,060	0,295	0,002	0,009	0,084	FALSE
0,029	0,299	0,002	0,011	0,051	FALSE
-0,116	0,292	-0,002	0,012	0,076	FALSE
0,047	0,286	0,002	0,011	0,050	FALSE
-0,064	0,278	-0,001	0,009	0,050	FALSE
-0,097	0,277	-0,003	0,010	0,109	FALSE
-0,019	0,298	0,000	0,013	0,006	FALSE
-0,127	0,289	-0,004	0,010	0,163	FALSE
-0,049	0,295	-0,001	0,011	0,038	FALSE
-0,059	0,291	-0,001	0,011	0,041	FALSE
-0,116	0,290	-0,005	0,010	0,239	FALSE
0,154	0,297	0,005	0,011	0,209	FALSE
0,020	0,286	0,001	0,008	0,028	FALSE
0,124	0,274	0,003	0,007	0,155	FALSE
-0,064	0,300	-0,001	0,008	0,056	FALSE

0,015	0,290	0,001	0,011	0,023	FALSE
-0,144	0,284	-0,006	0,009	0,258	FALSE
-0,040	0,296	-0,001	0,013	0,040	FALSE
0,042	0,300	0,001	0,007	0,071	FALSE
-0,047	0,286	0,001	0,009	0,045	FALSE
-0,016	0,282	0,002	0,009	0,076	FALSE
-0,001	0,288	-0,002	0,011	0,049	FALSE
0,070	0,281	0,000	0,007	0,020	FALSE
0,025	0,316	0,001	0,013	0,029	FALSE
0,052	0,305	0,002	0,012	0,057	FALSE
0,011	0,288	0,000	0,006	0,023	FALSE
-0,038	0,273	-0,003	0,009	0,125	FALSE
0,208	0,277	0,008	0,012	0,291	FALSE
-0,006	0,286	0,000	0,011	0,014	FALSE
0,093	0,295	0,002	0,011	0,057	FALSE
0,065	0,299	0,002	0,008	0,099	FALSE
-0,054	0,287	-0,001	0,007	0,045	FALSE
0,062	0,283	0,005	0,013	0,143	FALSE
-0,033	0,291	-0,002	0,008	0,097	FALSE
-0,029	0,285	-0,002	0,007	0,094	FALSE
-0,161	0,275	-0,003	0,009	0,145	FALSE
-0,012	0,283	0,000	0,008	0,005	FALSE
0,014	0,281	0,002	0,010	0,064	FALSE
-0,045	0,280	0,000	0,012	0,012	FALSE
-0,012	0,303	-0,001	0,008	0,044	FALSE
-0,085	0,288	-0,003	0,008	0,175	FALSE
0,070	0,296	0,003	0,008	0,171	FALSE
-0,085	0,285	-0,003	0,007	0,173	FALSE
-0,124	0,292	-0,004	0,012	0,126	FALSE
-0,100	0,292	-0,004	0,012	0,122	FALSE
-0,122	0,274	-0,002	0,007	0,096	FALSE
-0,181	0,285	-0,004	0,007	0,204	FALSE
0,095	0,294	0,003	0,013	0,098	FALSE
-0,129	0,289	-0,004	0,011	0,132	FALSE
-0,099	0,286	-0,005	0,012	0,173	FALSE
0,031	0,297	0,002	0,011	0,053	FALSE
0,139	0,288	0,005	0,012	0,177	FALSE
0,026	0,283	0,001	0,009	0,056	FALSE
0,158	0,289	0,007	0,013	0,227	FALSE
-0,017	0,309	0,000	0,011	0,001	FALSE
0,059	0,304	0,000	0,008	0,021	FALSE
0,013	0,298	0,001	0,013	0,018	FALSE
0,003	0,281	-0,002	0,013	0,057	FALSE
-0,014	0,281	-0,001	0,010	0,020	FALSE
0,015	0,306	0,000	0,009	0,014	FALSE
-0,112	0,313	-0,002	0,013	0,068	FALSE
0,117	0,284	0,004	0,006	0,244	FALSE
-0,022	0,289	0,000	0,008	0,002	FALSE
-0,082	0,297	-0,003	0,011	0,098	FALSE
0,050	0,283	0,001	0,010	0,031	FALSE
0,110	0,287	0,004	0,007	0,219	FALSE
0,015	0,300	0,001	0,007	0,043	FALSE
0,145	0,275	0,005	0,010	0,201	FALSE

-0,039	0,293	-0,002	0,011	0,071	FALSE
0,001	0,292	0,001	0,010	0,027	FALSE
0,012	0,291	0,001	0,009	0,033	FALSE
-0,005	0,270	0,001	0,012	0,017	FALSE
-0,070	0,297	-0,001	0,011	0,044	FALSE
0,046	0,301	0,004	0,013	0,113	FALSE
-0,169	0,283	-0,006	0,010	0,243	FALSE
-0,054	0,274	-0,001	0,012	0,045	FALSE
0,034	0,281	0,001	0,012	0,045	FALSE
0,060	0,294	0,000	0,012	0,004	FALSE
-0,054	0,294	-0,001	0,008	0,030	FALSE
-0,090	0,286	-0,001	0,010	0,026	FALSE
0,040	0,289	-0,001	0,013	0,039	FALSE
-0,037	0,304	-0,002	0,008	0,082	FALSE
0,092	0,291	0,002	0,012	0,077	FALSE
0,006	0,301	0,000	0,007	0,018	FALSE
0,031	0,273	-0,001	0,010	0,026	FALSE
-0,058	0,294	-0,004	0,012	0,119	FALSE
-0,016	0,288	0,000	0,007	0,023	FALSE
-0,102	0,282	-0,003	0,012	0,109	FALSE
0,051	0,289	-0,001	0,009	0,021	FALSE
-0,026	0,313	0,000	0,009	0,008	FALSE
0,004	0,291	0,001	0,009	0,026	FALSE
0,106	0,300	0,003	0,009	0,115	FALSE
-0,063	0,291	-0,003	0,012	0,096	FALSE
0,048	0,284	0,001	0,009	0,037	FALSE
0,017	0,296	0,000	0,009	0,005	FALSE
-0,040	0,293	-0,004	0,013	0,125	FALSE
-0,052	0,295	-0,005	0,013	0,157	FALSE
0,125	0,284	0,004	0,007	0,252	FALSE
0,103	0,286	0,001	0,007	0,072	FALSE
-0,186	0,277	-0,005	0,008	0,263	FALSE
0,101	0,289	0,005	0,013	0,143	FALSE
0,038	0,295	0,001	0,008	0,059	FALSE
-0,058	0,285	-0,001	0,013	0,031	FALSE
0,011	0,304	0,001	0,010	0,025	FALSE
-0,037	0,285	0,000	0,008	0,013	FALSE
-0,102	0,282	-0,004	0,009	0,184	FALSE
-0,090	0,288	-0,005	0,010	0,192	FALSE
0,093	0,279	0,004	0,010	0,185	FALSE
-0,045	0,281	-0,001	0,007	0,034	FALSE
-0,118	0,283	-0,004	0,012	0,139	FALSE
0,022	0,293	0,000	0,008	0,011	FALSE
-0,033	0,290	-0,001	0,007	0,078	FALSE
0,077	0,291	0,001	0,007	0,065	FALSE
0,027	0,291	0,000	0,009	0,008	FALSE
-0,022	0,278	0,000	0,011	0,013	FALSE
-0,024	0,276	0,000	0,011	0,001	FALSE
0,048	0,289	0,004	0,013	0,117	FALSE
-0,016	0,290	0,000	0,011	0,003	FALSE
0,042	0,305	0,002	0,010	0,090	FALSE
-0,027	0,306	0,000	0,013	0,010	FALSE
-0,070	0,282	-0,002	0,011	0,078	FALSE

-0,021	0,291	-0,001	0,013	0,034	FALSE
0,064	0,288	0,003	0,007	0,163	FALSE
-0,032	0,280	-0,001	0,007	0,073	FALSE
0,024	0,287	0,000	0,010	0,008	FALSE
0,023	0,279	0,000	0,012	0,007	FALSE
0,006	0,298	0,000	0,010	0,003	FALSE
-0,136	0,292	-0,004	0,012	0,117	FALSE
0,127	0,286	0,002	0,011	0,063	FALSE
-0,149	0,281	-0,004	0,012	0,141	FALSE
-0,167	0,292	-0,006	0,013	0,179	FALSE
-0,110	0,294	-0,002	0,012	0,072	FALSE
-0,056	0,284	-0,002	0,006	0,093	FALSE
0,028	0,292	0,002	0,007	0,100	FALSE
-0,026	0,291	-0,001	0,007	0,072	FALSE
0,044	0,291	0,000	0,008	0,004	FALSE
-0,044	0,277	-0,001	0,007	0,061	FALSE
-0,082	0,296	-0,002	0,006	0,090	FALSE
0,031	0,280	-0,002	0,011	0,057	FALSE
-0,028	0,291	-0,004	0,011	0,142	FALSE
-0,040	0,289	-0,001	0,006	0,067	FALSE
-0,124	0,283	-0,004	0,012	0,142	FALSE
-0,159	0,278	-0,006	0,012	0,211	FALSE
-0,049	0,299	-0,001	0,006	0,080	FALSE
-0,068	0,286	-0,004	0,013	0,119	FALSE
0,079	0,285	0,003	0,007	0,155	FALSE
0,032	0,287	0,002	0,009	0,069	FALSE
0,023	0,292	-0,001	0,009	0,045	FALSE
-0,071	0,290	-0,001	0,007	0,074	FALSE
-0,236	0,264	-0,007	0,011	0,309	FALSE
0,087	0,273	0,004	0,009	0,194	FALSE
-0,006	0,299	0,000	0,007	0,009	FALSE
-0,071	0,282	-0,001	0,008	0,042	FALSE
0,059	0,283	0,001	0,007	0,078	FALSE
-0,031	0,283	-0,001	0,010	0,021	FALSE
0,084	0,295	0,001	0,006	0,074	FALSE
0,136	0,286	0,003	0,008	0,128	FALSE
-0,073	0,291	-0,003	0,008	0,119	FALSE
-0,006	0,289	-0,001	0,008	0,038	FALSE
0,028	0,293	0,002	0,010	0,090	FALSE
-0,041	0,280	-0,003	0,012	0,092	FALSE
-0,056	0,291	-0,001	0,006	0,034	FALSE
-0,019	0,287	-0,002	0,012	0,071	FALSE
-0,053	0,280	-0,003	0,008	0,138	FALSE
-0,072	0,290	-0,003	0,008	0,152	FALSE
-0,072	0,290	-0,003	0,009	0,150	FALSE
0,002	0,313	0,001	0,012	0,026	FALSE
0,034	0,293	0,000	0,013	0,012	FALSE
-0,101	0,278	-0,004	0,009	0,202	FALSE
0,024	0,294	0,001	0,007	0,043	FALSE
-0,094	0,282	-0,004	0,012	0,132	FALSE
-0,076	0,311	-0,001	0,008	0,061	FALSE
0,062	0,295	0,001	0,008	0,028	FALSE
-0,013	0,295	0,000	0,008	0,004	FALSE

-0,108	0,294	-0,004	0,012	0,131	FALSE
-0,042	0,273	-0,001	0,008	0,046	FALSE
-0,046	0,286	-0,001	0,006	0,074	FALSE
-0,016	0,289	0,000	0,007	0,021	FALSE
-0,082	0,284	-0,002	0,007	0,140	FALSE
-0,145	0,292	-0,005	0,010	0,193	FALSE
-0,089	0,292	-0,002	0,007	0,116	FALSE
0,154	0,296	0,004	0,010	0,164	FALSE
-0,146	0,289	-0,005	0,013	0,173	FALSE
-0,076	0,292	-0,003	0,012	0,111	FALSE
0,038	0,270	0,000	0,007	0,012	FALSE
0,114	0,290	0,004	0,010	0,145	FALSE
0,019	0,292	-0,001	0,011	0,031	FALSE
-0,045	0,301	-0,001	0,007	0,062	FALSE
-0,003	0,300	-0,001	0,012	0,034	FALSE
-0,092	0,287	-0,002	0,010	0,079	FALSE
0,100	0,283	0,004	0,013	0,119	FALSE
0,029	0,283	0,001	0,012	0,033	FALSE
0,018	0,296	0,000	0,008	0,002	FALSE
-0,073	0,284	-0,003	0,012	0,117	FALSE
-0,118	0,280	-0,002	0,008	0,113	FALSE
0,068	0,282	0,001	0,013	0,028	FALSE
0,094	0,298	0,001	0,010	0,050	FALSE
-0,013	0,296	0,000	0,010	0,002	FALSE
-0,024	0,303	-0,002	0,012	0,047	FALSE
-0,188	0,278	-0,004	0,007	0,226	FALSE
0,037	0,283	0,001	0,008	0,024	FALSE
0,109	0,297	0,003	0,012	0,109	FALSE
0,061	0,293	0,002	0,009	0,097	FALSE
0,023	0,290	0,000	0,008	0,014	FALSE
0,062	0,288	0,001	0,007	0,052	FALSE
0,141	0,282	0,004	0,010	0,154	FALSE
0,133	0,279	0,002	0,007	0,107	FALSE
0,114	0,283	0,001	0,006	0,087	FALSE
0,071	0,283	0,002	0,009	0,094	FALSE
0,113	0,279	0,005	0,011	0,179	FALSE
0,173	0,274	0,006	0,010	0,238	FALSE
-0,114	0,291	-0,003	0,007	0,177	FALSE
-0,100	0,283	-0,002	0,007	0,108	FALSE
0,136	0,300	0,004	0,009	0,188	FALSE
-0,100	0,294	-0,004	0,009	0,164	FALSE
0,027	0,301	0,000	0,010	0,003	FALSE
-0,155	0,277	-0,003	0,008	0,150	FALSE
-0,169	0,272	-0,008	0,012	0,284	FALSE
-0,078	0,297	-0,003	0,011	0,098	FALSE
0,005	0,289	-0,001	0,009	0,026	FALSE
0,103	0,282	0,003	0,007	0,181	FALSE
0,069	0,278	0,003	0,011	0,114	FALSE
0,026	0,298	0,002	0,010	0,065	FALSE
0,101	0,298	0,004	0,012	0,138	FALSE
0,171	0,298	0,007	0,011	0,250	FALSE
0,089	0,287	0,002	0,008	0,103	FALSE
0,046	0,285	0,002	0,009	0,072	FALSE

0,078	0,279	0,004	0,009	0,186	FALSE
-0,081	0,288	-0,004	0,010	0,146	FALSE
0,086	0,294	0,002	0,007	0,125	FALSE
-0,055	0,294	-0,001	0,007	0,058	FALSE
0,141	0,287	0,004	0,012	0,143	FALSE
-0,132	0,278	-0,002	0,006	0,130	FALSE
0,115	0,290	0,003	0,011	0,107	FALSE
-0,006	0,285	0,000	0,006	0,018	FALSE
0,002	0,288	0,000	0,007	0,023	FALSE
0,047	0,290	0,000	0,011	0,010	FALSE
0,076	0,298	0,001	0,009	0,025	FALSE
0,008	0,296	0,002	0,011	0,072	FALSE
0,049	0,284	0,001	0,009	0,060	FALSE
-0,003	0,297	-0,001	0,007	0,046	FALSE
0,108	0,278	0,003	0,012	0,105	FALSE
0,124	0,283	0,004	0,012	0,130	FALSE
-0,146	0,281	-0,005	0,011	0,193	FALSE
-0,006	0,300	0,000	0,013	0,006	FALSE
-0,010	0,295	0,000	0,012	0,004	FALSE
0,024	0,283	0,001	0,007	0,045	FALSE
0,036	0,296	0,001	0,007	0,063	FALSE
0,012	0,294	0,001	0,008	0,037	FALSE
-0,109	0,289	-0,004	0,008	0,220	FALSE
0,040	0,281	0,002	0,009	0,083	FALSE
-0,114	0,289	-0,002	0,007	0,118	FALSE
0,058	0,269	0,005	0,011	0,173	FALSE
0,013	0,297	0,000	0,013	0,008	FALSE
0,010	0,289	0,001	0,011	0,028	FALSE
-0,015	0,309	0,000	0,007	0,024	FALSE
-0,061	0,278	-0,001	0,008	0,021	FALSE
-0,028	0,293	-0,001	0,006	0,042	FALSE
-0,073	0,283	-0,001	0,008	0,065	FALSE
-0,029	0,281	-0,002	0,008	0,081	FALSE
0,008	0,283	0,001	0,012	0,047	FALSE
-0,035	0,295	-0,003	0,013	0,092	FALSE
0,067	0,299	0,001	0,011	0,031	FALSE
-0,036	0,296	-0,001	0,009	0,046	FALSE
-0,111	0,279	-0,003	0,010	0,140	FALSE
-0,003	0,301	-0,001	0,013	0,022	FALSE
0,099	0,277	0,002	0,012	0,070	FALSE
0,013	0,305	0,000	0,009	0,018	FALSE
-0,031	0,294	-0,002	0,010	0,076	FALSE
-0,009	0,278	0,001	0,012	0,043	FALSE
-0,005	0,300	-0,001	0,009	0,029	FALSE
-0,088	0,285	-0,001	0,007	0,038	FALSE
-0,059	0,288	0,000	0,007	0,020	FALSE
0,048	0,286	0,000	0,008	0,004	FALSE
0,050	0,289	0,002	0,011	0,061	FALSE
0,162	0,284	0,005	0,010	0,193	FALSE
-0,059	0,285	-0,001	0,008	0,067	FALSE
-0,149	0,291	-0,005	0,012	0,147	FALSE
-0,176	0,274	-0,007	0,013	0,221	FALSE
0,283	0,262	0,009	0,010	0,410	FALSE

-0,088	0,286	-0,001	0,007	0,059	FALSE
-0,062	0,299	-0,003	0,012	0,086	FALSE
0,022	0,292	0,000	0,012	0,000	FALSE
-0,056	0,295	-0,001	0,010	0,052	FALSE
0,051	0,297	0,000	0,009	0,001	FALSE
-0,032	0,299	-0,003	0,010	0,095	FALSE
0,118	0,290	0,003	0,011	0,123	FALSE
0,105	0,277	0,002	0,007	0,120	FALSE
0,053	0,289	0,003	0,010	0,110	FALSE
0,119	0,280	0,003	0,011	0,112	FALSE
0,060	0,274	0,001	0,012	0,028	FALSE
-0,066	0,284	-0,002	0,010	0,075	FALSE
-0,088	0,290	-0,004	0,011	0,125	FALSE
0,162	0,289	0,006	0,013	0,193	FALSE
0,142	0,284	0,005	0,010	0,204	FALSE
0,092	0,287	0,003	0,009	0,113	FALSE
0,035	0,304	0,000	0,009	0,008	FALSE
-0,063	0,289	-0,004	0,010	0,174	FALSE
-0,094	0,288	-0,005	0,009	0,230	FALSE
-0,066	0,293	-0,004	0,012	0,129	FALSE
0,080	0,299	0,003	0,010	0,132	FALSE
-0,090	0,296	-0,004	0,011	0,136	FALSE
0,020	0,287	-0,001	0,007	0,060	FALSE
0,016	0,280	0,000	0,009	0,004	FALSE
0,135	0,279	0,003	0,007	0,163	FALSE
0,074	0,286	0,002	0,011	0,070	FALSE
0,037	0,285	0,001	0,007	0,062	FALSE
0,061	0,285	0,002	0,013	0,068	FALSE
-0,017	0,296	-0,002	0,011	0,056	FALSE
0,146	0,276	0,003	0,007	0,185	FALSE
-0,075	0,292	-0,002	0,008	0,075	FALSE
0,015	0,294	0,002	0,013	0,048	FALSE
-0,013	0,278	0,000	0,007	0,001	FALSE
0,174	0,291	0,008	0,012	0,291	FALSE
0,047	0,292	0,002	0,009	0,096	FALSE
-0,176	0,288	-0,004	0,010	0,175	FALSE
0,028	0,284	0,002	0,008	0,072	FALSE
0,030	0,289	0,001	0,010	0,037	FALSE
0,016	0,293	0,002	0,010	0,093	FALSE
0,101	0,279	0,002	0,010	0,082	FALSE
-0,049	0,291	-0,004	0,013	0,125	FALSE
0,001	0,289	-0,002	0,010	0,061	FALSE
-0,059	0,290	-0,001	0,007	0,065	FALSE
-0,017	0,289	0,000	0,009	0,019	FALSE
0,073	0,293	0,001	0,007	0,062	FALSE
-0,126	0,289	-0,005	0,011	0,208	FALSE
-0,059	0,301	-0,002	0,009	0,091	FALSE
0,093	0,297	0,003	0,007	0,188	FALSE
0,090	0,290	0,002	0,006	0,153	FALSE
-0,081	0,289	-0,003	0,011	0,117	FALSE
-0,027	0,291	-0,002	0,012	0,053	FALSE
-0,062	0,282	-0,001	0,007	0,063	FALSE
0,051	0,278	0,002	0,007	0,117	FALSE

-0,006	0,276	-0,003	0,012	0,092	FALSE
0,024	0,292	0,001	0,007	0,030	FALSE
0,095	0,289	0,001	0,009	0,058	FALSE
0,182	0,288	0,007	0,013	0,218	FALSE
-0,098	0,301	-0,004	0,013	0,122	FALSE
-0,124	0,286	-0,004	0,011	0,164	FALSE
-0,014	0,304	-0,001	0,008	0,029	FALSE
-0,032	0,296	-0,001	0,009	0,053	FALSE
0,045	0,308	0,001	0,009	0,051	FALSE
0,048	0,310	0,000	0,013	0,013	FALSE
0,034	0,308	0,002	0,013	0,051	FALSE
0,089	0,296	0,001	0,011	0,050	FALSE
-0,018	0,294	0,001	0,009	0,020	FALSE
0,086	0,292	0,001	0,010	0,034	FALSE
0,119	0,287	0,003	0,010	0,094	FALSE
0,012	0,308	0,000	0,009	0,011	FALSE
-0,061	0,303	-0,003	0,012	0,097	FALSE
-0,120	0,275	-0,004	0,009	0,185	FALSE
0,127	0,284	0,003	0,008	0,165	FALSE
-0,006	0,286	0,001	0,008	0,040	FALSE
0,048	0,292	0,002	0,013	0,044	FALSE
0,028	0,291	0,000	0,009	0,015	FALSE
-0,164	0,273	-0,007	0,011	0,263	FALSE
-0,080	0,286	-0,003	0,007	0,160	FALSE
0,027	0,293	0,000	0,007	0,002	FALSE
0,016	0,285	0,001	0,012	0,032	FALSE
-0,011	0,287	-0,002	0,012	0,047	FALSE
0,027	0,297	0,001	0,007	0,071	FALSE
0,043	0,289	0,001	0,010	0,018	FALSE
-0,004	0,291	0,000	0,006	0,008	FALSE
-0,104	0,284	-0,003	0,012	0,079	FALSE
0,029	0,289	0,001	0,010	0,044	FALSE
0,048	0,273	0,001	0,013	0,034	FALSE
-0,085	0,296	-0,003	0,013	0,101	FALSE
0,087	0,275	0,001	0,011	0,016	FALSE
0,157	0,287	0,006	0,010	0,283	FALSE
0,124	0,272	0,005	0,009	0,235	FALSE
-0,016	0,291	0,000	0,007	0,017	FALSE
-0,115	0,287	-0,001	0,007	0,066	FALSE
0,142	0,305	0,003	0,007	0,167	FALSE
0,006	0,284	0,001	0,013	0,024	FALSE
0,005	0,298	0,000	0,008	0,016	FALSE
0,044	0,286	0,002	0,011	0,073	FALSE
-0,041	0,300	0,000	0,008	0,021	FALSE
0,033	0,300	0,002	0,007	0,111	FALSE
0,012	0,300	-0,001	0,010	0,051	FALSE
-0,062	0,293	-0,002	0,009	0,080	FALSE
-0,008	0,296	-0,001	0,012	0,023	FALSE
-0,135	0,294	-0,007	0,013	0,220	FALSE
0,089	0,288	0,003	0,013	0,101	FALSE
0,064	0,285	0,005	0,011	0,196	FALSE
0,089	0,295	0,005	0,012	0,147	FALSE
-0,028	0,302	-0,001	0,008	0,041	FALSE

-0,016	0,289	-0,001	0,008	0,030	FALSE
0,191	0,277	0,005	0,007	0,348	FALSE
0,043	0,291	0,001	0,011	0,031	FALSE
0,020	0,291	0,001	0,010	0,020	FALSE
0,010	0,294	0,000	0,007	0,020	FALSE
-0,053	0,289	-0,002	0,007	0,089	FALSE
0,051	0,284	0,001	0,007	0,045	FALSE
0,081	0,293	0,003	0,011	0,106	FALSE
0,066	0,298	0,001	0,007	0,054	FALSE
0,046	0,310	0,001	0,008	0,033	FALSE
0,102	0,309	0,003	0,010	0,131	FALSE
-0,002	0,294	-0,002	0,010	0,066	FALSE
-0,046	0,293	-0,001	0,007	0,037	FALSE
-0,083	0,299	-0,002	0,007	0,087	FALSE
0,112	0,293	0,003	0,007	0,167	FALSE
-0,012	0,304	0,000	0,010	0,011	FALSE
0,030	0,287	0,001	0,007	0,056	FALSE
-0,155	0,280	-0,008	0,013	0,260	FALSE
-0,182	0,286	-0,004	0,007	0,249	FALSE
0,100	0,293	0,002	0,008	0,095	FALSE
-0,065	0,289	-0,003	0,012	0,095	FALSE
0,084	0,291	0,003	0,008	0,140	FALSE
0,091	0,301	0,001	0,012	0,044	FALSE
0,036	0,290	-0,002	0,008	0,096	FALSE
-0,002	0,297	-0,001	0,013	0,038	FALSE
-0,019	0,294	0,000	0,008	0,010	FALSE
-0,015	0,293	0,000	0,008	0,020	FALSE
0,046	0,286	0,000	0,008	0,013	FALSE
0,012	0,282	-0,003	0,011	0,097	FALSE
0,143	0,291	0,006	0,013	0,196	FALSE
0,146	0,290	0,003	0,009	0,148	FALSE
0,073	0,293	0,002	0,007	0,096	FALSE
-0,118	0,284	-0,003	0,008	0,156	FALSE
0,008	0,282	0,000	0,013	0,013	FALSE
-0,051	0,282	-0,002	0,012	0,064	FALSE
-0,091	0,287	-0,004	0,007	0,198	FALSE
0,054	0,285	0,003	0,012	0,109	FALSE
-0,079	0,288	-0,004	0,012	0,132	FALSE
-0,173	0,275	-0,004	0,008	0,200	FALSE
0,004	0,284	0,000	0,008	0,020	FALSE
0,024	0,285	0,000	0,012	0,005	FALSE
-0,097	0,273	-0,002	0,007	0,114	FALSE
-0,001	0,285	0,000	0,007	0,024	FALSE
0,011	0,285	-0,001	0,012	0,020	FALSE
-0,083	0,288	-0,003	0,010	0,145	FALSE
0,161	0,280	0,003	0,006	0,229	FALSE
-0,009	0,280	0,000	0,010	0,016	FALSE
0,018	0,289	0,000	0,008	0,010	FALSE
-0,059	0,296	-0,002	0,012	0,075	FALSE
0,065	0,289	0,001	0,011	0,046	FALSE
-0,063	0,288	-0,001	0,010	0,039	FALSE
0,062	0,298	0,003	0,012	0,106	FALSE
-0,053	0,294	-0,001	0,008	0,025	FALSE

0,044	0,283	0,002	0,011	0,078	FALSE
-0,133	0,298	-0,004	0,009	0,166	FALSE
-0,007	0,290	0,000	0,010	0,004	FALSE
0,061	0,297	0,002	0,012	0,052	FALSE
-0,071	0,292	-0,001	0,008	0,064	FALSE
-0,057	0,295	-0,001	0,008	0,058	FALSE
0,098	0,293	0,003	0,011	0,093	FALSE
-0,125	0,285	-0,005	0,012	0,183	FALSE
0,000	0,293	0,000	0,007	0,011	FALSE
0,086	0,291	0,003	0,010	0,106	FALSE
0,039	0,290	0,001	0,008	0,062	FALSE
0,016	0,281	0,000	0,006	0,023	FALSE
0,054	0,282	0,002	0,008	0,097	FALSE
0,013	0,290	-0,001	0,007	0,027	FALSE
0,073	0,283	0,004	0,012	0,127	FALSE
0,032	0,295	0,002	0,008	0,082	FALSE
0,008	0,303	0,001	0,010	0,021	FALSE
-0,083	0,286	-0,005	0,011	0,173	FALSE
0,100	0,297	0,002	0,009	0,106	FALSE
-0,066	0,288	-0,001	0,010	0,047	FALSE
-0,013	0,296	0,001	0,008	0,035	FALSE
0,127	0,298	0,002	0,007	0,097	FALSE
0,046	0,290	0,001	0,009	0,029	FALSE
-0,127	0,294	-0,003	0,012	0,087	FALSE
0,136	0,288	0,002	0,008	0,105	FALSE
-0,066	0,298	-0,002	0,008	0,100	FALSE
-0,139	0,287	-0,003	0,007	0,138	FALSE
0,016	0,295	0,001	0,009	0,027	FALSE
-0,113	0,282	-0,004	0,012	0,120	FALSE
-0,066	0,299	-0,002	0,012	0,075	FALSE
-0,122	0,288	-0,003	0,007	0,162	FALSE
0,108	0,284	0,005	0,012	0,191	FALSE
0,141	0,306	0,006	0,012	0,215	FALSE
-0,104	0,289	-0,003	0,007	0,172	FALSE
-0,015	0,296	0,000	0,009	0,007	FALSE
-0,099	0,302	-0,002	0,007	0,136	FALSE
0,081	0,297	0,003	0,009	0,108	FALSE
-0,002	0,304	0,000	0,011	0,001	FALSE
0,042	0,272	0,002	0,009	0,069	FALSE
0,022	0,305	0,003	0,014	0,093	FALSE
0,026	0,288	0,004	0,013	0,104	FALSE
0,019	0,284	0,003	0,012	0,092	FALSE
0,068	0,297	0,001	0,011	0,034	FALSE
-0,001	0,288	-0,001	0,012	0,031	FALSE
-0,034	0,281	0,000	0,006	0,022	FALSE
-0,120	0,290	-0,003	0,007	0,188	FALSE
0,074	0,295	0,004	0,012	0,142	FALSE
0,028	0,292	0,000	0,010	0,009	FALSE
-0,129	0,285	-0,004	0,009	0,182	FALSE
0,070	0,296	0,001	0,007	0,050	FALSE
0,010	0,302	0,001	0,008	0,044	FALSE
0,074	0,286	0,005	0,013	0,139	FALSE
0,041	0,286	0,002	0,008	0,090	FALSE

0,104	0,283	0,004	0,012	0,142	FALSE
-0,012	0,285	0,001	0,010	0,050	FALSE
-0,107	0,285	-0,004	0,009	0,188	FALSE
0,014	0,297	0,003	0,013	0,084	FALSE
-0,146	0,287	-0,007	0,012	0,262	FALSE
-0,006	0,295	0,000	0,007	0,018	FALSE
-0,047	0,290	-0,001	0,006	0,043	FALSE
-0,209	0,280	-0,004	0,009	0,206	FALSE
0,062	0,288	0,000	0,009	0,009	FALSE
-0,070	0,302	-0,003	0,013	0,073	FALSE
-0,038	0,287	-0,001	0,007	0,042	FALSE
-0,024	0,293	0,000	0,008	0,006	FALSE
-0,151	0,276	-0,005	0,013	0,165	FALSE
-0,152	0,281	-0,005	0,012	0,177	FALSE
-0,047	0,281	0,000	0,009	0,015	FALSE
-0,071	0,296	-0,001	0,007	0,077	FALSE
-0,069	0,286	-0,002	0,009	0,085	FALSE
0,099	0,290	0,003	0,012	0,090	FALSE
-0,039	0,294	-0,001	0,007	0,036	FALSE
-0,039	0,295	0,000	0,008	0,013	FALSE
-0,006	0,287	0,000	0,009	0,014	FALSE
0,016	0,286	0,001	0,009	0,042	FALSE
0,006	0,297	0,000	0,012	0,006	FALSE
0,035	0,285	0,001	0,007	0,053	FALSE
0,027	0,292	0,000	0,006	0,025	FALSE
-0,022	0,292	0,000	0,008	0,012	FALSE
-0,076	0,295	-0,001	0,013	0,032	FALSE
0,037	0,302	0,001	0,013	0,018	FALSE
0,053	0,297	0,001	0,008	0,027	FALSE
0,195	0,280	0,005	0,011	0,171	FALSE
0,031	0,299	0,000	0,008	0,002	FALSE
-0,084	0,288	-0,004	0,011	0,128	FALSE
-0,020	0,284	0,000	0,011	0,015	FALSE
-0,027	0,291	-0,001	0,009	0,025	FALSE
0,009	0,284	0,000	0,009	0,020	FALSE
0,012	0,296	0,000	0,009	0,007	FALSE
0,029	0,293	0,001	0,009	0,032	FALSE
-0,052	0,291	-0,003	0,013	0,097	FALSE
-0,072	0,287	-0,004	0,013	0,122	FALSE
-0,075	0,309	-0,004	0,013	0,121	FALSE
-0,001	0,296	0,001	0,007	0,067	FALSE
0,070	0,291	0,002	0,007	0,076	FALSE
-0,013	0,282	0,001	0,007	0,036	FALSE
0,037	0,288	0,002	0,013	0,051	FALSE
-0,111	0,274	-0,002	0,006	0,090	FALSE
0,019	0,294	0,000	0,007	0,005	FALSE
-0,092	0,284	-0,002	0,007	0,126	FALSE
0,045	0,290	0,001	0,007	0,050	FALSE
0,123	0,309	0,003	0,010	0,132	FALSE
-0,065	0,282	-0,001	0,008	0,051	FALSE
-0,097	0,289	-0,001	0,007	0,051	FALSE
-0,051	0,295	-0,002	0,008	0,083	FALSE
-0,030	0,289	-0,001	0,008	0,028	FALSE

0,088	0,299	0,002	0,012	0,056	FALSE
0,071	0,290	0,001	0,012	0,028	FALSE
-0,104	0,281	-0,005	0,013	0,142	FALSE
-0,031	0,293	-0,001	0,007	0,062	FALSE
0,032	0,283	0,000	0,011	0,001	FALSE
0,086	0,299	0,003	0,012	0,102	FALSE
-0,064	0,296	-0,003	0,012	0,083	FALSE
0,003	0,291	0,001	0,008	0,032	FALSE
-0,014	0,283	0,000	0,007	0,008	FALSE
0,059	0,281	0,001	0,012	0,039	FALSE
0,049	0,283	0,002	0,012	0,071	FALSE
0,051	0,284	0,001	0,008	0,040	FALSE
0,044	0,296	0,001	0,008	0,034	FALSE
0,153	0,286	0,003	0,008	0,140	FALSE
0,176	0,289	0,003	0,007	0,215	FALSE
-0,140	0,280	-0,004	0,011	0,163	FALSE
0,146	0,286	0,003	0,012	0,084	FALSE
0,094	0,283	0,002	0,007	0,148	FALSE
0,036	0,283	0,001	0,007	0,049	FALSE
-0,002	0,296	0,000	0,010	0,013	FALSE
0,085	0,283	0,003	0,007	0,174	FALSE
0,107	0,283	0,005	0,011	0,165	FALSE
0,157	0,287	0,004	0,009	0,198	FALSE
-0,188	0,286	-0,004	0,008	0,227	FALSE
-0,133	0,284	-0,004	0,009	0,182	FALSE
0,159	0,290	0,004	0,009	0,155	FALSE
0,021	0,282	0,000	0,007	0,024	FALSE
-0,204	0,287	-0,008	0,013	0,271	FALSE
-0,018	0,291	0,000	0,007	0,015	FALSE
-0,219	0,283	-0,007	0,013	0,233	FALSE
-0,047	0,296	0,000	0,007	0,017	FALSE
-0,145	0,288	-0,004	0,008	0,235	FALSE
0,122	0,270	0,005	0,008	0,291	FALSE
-0,027	0,289	-0,001	0,012	0,041	FALSE
0,035	0,307	0,002	0,012	0,069	FALSE
-0,027	0,299	-0,003	0,012	0,091	FALSE
0,027	0,278	0,001	0,008	0,068	FALSE
0,095	0,285	0,003	0,008	0,155	FALSE
-0,019	0,299	0,000	0,009	0,002	FALSE
0,074	0,288	0,003	0,008	0,136	FALSE
-0,039	0,301	-0,001	0,008	0,058	FALSE
-0,013	0,291	-0,001	0,008	0,027	FALSE
0,005	0,294	0,001	0,013	0,017	FALSE
-0,022	0,286	-0,001	0,007	0,062	FALSE
-0,004	0,290	0,001	0,007	0,068	FALSE
-0,103	0,290	-0,004	0,009	0,164	FALSE
-0,037	0,275	-0,001	0,007	0,043	FALSE
0,102	0,293	0,003	0,012	0,079	FALSE
0,025	0,295	0,001	0,006	0,069	FALSE
-0,074	0,286	-0,001	0,009	0,038	FALSE
0,034	0,272	0,003	0,011	0,117	FALSE
0,127	0,280	0,003	0,007	0,203	FALSE
0,074	0,276	0,004	0,009	0,166	FALSE

0,088	0,274	0,004	0,008	0,205	FALSE
-0,065	0,294	-0,006	0,013	0,170	FALSE
0,022	0,284	0,001	0,012	0,029	FALSE
-0,101	0,288	-0,002	0,007	0,112	FALSE
-0,120	0,275	-0,007	0,012	0,250	FALSE
-0,058	0,269	-0,002	0,006	0,147	FALSE
0,089	0,279	0,000	0,006	0,028	FALSE
0,051	0,292	0,003	0,011	0,097	FALSE
-0,082	0,299	-0,002	0,008	0,124	FALSE
0,024	0,288	0,000	0,008	0,014	FALSE
0,015	0,294	0,000	0,011	0,004	FALSE
0,035	0,290	0,001	0,008	0,023	FALSE
-0,025	0,299	-0,003	0,013	0,080	FALSE
0,051	0,297	0,001	0,006	0,083	FALSE
-0,005	0,294	0,001	0,012	0,018	FALSE
-0,170	0,289	-0,007	0,011	0,295	FALSE
-0,170	0,291	-0,007	0,011	0,292	FALSE
-0,024	0,293	-0,002	0,010	0,098	FALSE
-0,036	0,294	0,000	0,009	0,010	FALSE
-0,074	0,298	-0,002	0,009	0,081	FALSE
0,106	0,295	0,003	0,007	0,146	FALSE
0,074	0,286	0,003	0,009	0,127	FALSE
0,003	0,283	-0,001	0,009	0,042	FALSE
-0,098	0,294	-0,003	0,010	0,103	FALSE
-0,012	0,299	-0,001	0,007	0,027	FALSE
-0,022	0,287	0,001	0,010	0,023	FALSE
0,059	0,279	0,002	0,009	0,066	FALSE
0,030	0,294	0,000	0,011	0,010	FALSE
-0,004	0,285	0,001	0,012	0,020	FALSE
0,011	0,283	0,001	0,013	0,018	FALSE
0,051	0,291	0,000	0,007	0,020	FALSE
-0,133	0,290	-0,003	0,007	0,168	FALSE
-0,047	0,294	-0,002	0,012	0,053	FALSE
-0,090	0,295	-0,003	0,012	0,095	FALSE
0,115	0,283	0,001	0,007	0,071	FALSE
0,039	0,293	0,001	0,012	0,020	FALSE
0,010	0,289	-0,001	0,010	0,038	FALSE
0,038	0,314	0,001	0,010	0,052	FALSE
-0,015	0,291	-0,001	0,010	0,018	FALSE
-0,119	0,293	-0,002	0,007	0,134	FALSE
-0,145	0,281	-0,005	0,013	0,166	FALSE
-0,083	0,289	-0,002	0,011	0,063	FALSE
0,026	0,299	0,002	0,013	0,046	FALSE
-0,163	0,288	-0,004	0,008	0,233	FALSE
0,100	0,297	0,002	0,007	0,098	FALSE
0,074	0,278	0,002	0,011	0,049	FALSE
0,134	0,293	0,003	0,008	0,164	FALSE
0,028	0,283	-0,002	0,009	0,078	FALSE
-0,064	0,296	-0,002	0,010	0,092	FALSE
-0,120	0,289	-0,002	0,007	0,117	FALSE
0,014	0,294	0,000	0,010	0,003	FALSE
-0,129	0,284	-0,005	0,013	0,164	FALSE
-0,136	0,272	-0,005	0,012	0,180	FALSE

-0,074	0,284	-0,003	0,012	0,089	FALSE
0,057	0,280	0,003	0,011	0,121	FALSE
-0,057	0,291	-0,002	0,013	0,071	FALSE
-0,064	0,290	-0,002	0,012	0,069	FALSE
0,003	0,293	0,000	0,010	0,013	FALSE
0,126	0,297	0,002	0,008	0,124	FALSE
0,113	0,298	0,002	0,008	0,107	FALSE
0,092	0,311	0,001	0,009	0,030	FALSE
-0,020	0,294	0,000	0,007	0,002	FALSE
0,005	0,287	0,003	0,013	0,086	FALSE
-0,054	0,288	-0,002	0,012	0,056	FALSE
-0,010	0,293	-0,001	0,012	0,020	FALSE
-0,008	0,281	0,000	0,011	0,009	FALSE
-0,007	0,296	0,000	0,012	0,010	FALSE
0,008	0,296	0,000	0,013	0,006	FALSE
0,013	0,285	0,000	0,012	0,014	FALSE
-0,007	0,298	-0,001	0,012	0,037	FALSE
-0,028	0,303	0,001	0,010	0,020	FALSE
0,033	0,283	0,002	0,012	0,049	FALSE
-0,039	0,283	0,000	0,007	0,019	FALSE
0,078	0,290	0,002	0,007	0,079	FALSE
0,104	0,276	0,005	0,012	0,168	FALSE
0,109	0,285	0,006	0,013	0,185	FALSE
0,051	0,282	0,004	0,013	0,110	FALSE
-0,037	0,287	-0,002	0,012	0,075	FALSE
-0,042	0,281	-0,002	0,007	0,105	FALSE
-0,028	0,307	-0,001	0,013	0,036	FALSE
-0,060	0,280	-0,004	0,012	0,115	FALSE
-0,028	0,286	-0,001	0,013	0,039	FALSE
0,027	0,290	0,000	0,007	0,001	FALSE
-0,133	0,294	-0,003	0,008	0,127	FALSE
0,036	0,301	0,000	0,006	0,014	FALSE
0,126	0,290	0,007	0,013	0,226	FALSE
-0,192	0,282	-0,006	0,012	0,225	FALSE
0,106	0,291	0,003	0,007	0,192	FALSE
-0,075	0,293	-0,004	0,009	0,174	FALSE
0,019	0,290	0,001	0,008	0,046	FALSE
0,057	0,297	0,002	0,007	0,097	FALSE
0,112	0,306	0,002	0,008	0,115	FALSE
-0,010	0,284	0,000	0,009	0,016	FALSE
0,005	0,287	0,000	0,006	0,017	FALSE
-0,044	0,268	-0,001	0,006	0,033	FALSE
-0,041	0,292	-0,002	0,008	0,078	FALSE
-0,018	0,284	-0,001	0,011	0,026	FALSE
0,087	0,287	0,002	0,008	0,085	FALSE
0,108	0,290	0,002	0,008	0,095	FALSE
-0,063	0,294	-0,002	0,009	0,069	FALSE
-0,028	0,298	-0,001	0,010	0,035	FALSE
0,007	0,292	-0,001	0,008	0,045	FALSE
-0,073	0,296	-0,002	0,012	0,071	FALSE
0,166	0,282	0,004	0,010	0,158	FALSE
-0,063	0,299	-0,002	0,011	0,062	FALSE
0,076	0,282	0,001	0,012	0,028	FALSE

0,106	0,285	0,002	0,009	0,093	FALSE
0,040	0,300	0,002	0,011	0,063	FALSE
0,018	0,291	0,000	0,009	0,005	FALSE
0,005	0,309	0,000	0,008	0,006	FALSE
-0,021	0,290	-0,001	0,006	0,058	FALSE
0,007	0,297	-0,002	0,010	0,063	FALSE
-0,047	0,301	-0,002	0,009	0,072	FALSE
0,018	0,302	0,000	0,010	0,006	FALSE
0,035	0,293	0,003	0,010	0,107	FALSE
0,038	0,279	0,002	0,007	0,121	FALSE
0,066	0,295	0,001	0,007	0,067	FALSE
-0,003	0,291	0,001	0,007	0,071	FALSE
-0,032	0,306	-0,002	0,009	0,068	FALSE
0,143	0,289	0,003	0,011	0,108	FALSE
0,036	0,287	0,002	0,009	0,081	FALSE
0,044	0,275	0,003	0,009	0,130	FALSE
-0,142	0,297	-0,007	0,012	0,245	FALSE
0,064	0,293	0,004	0,011	0,154	FALSE
0,028	0,303	0,002	0,009	0,085	FALSE
0,036	0,291	0,003	0,010	0,116	FALSE
0,088	0,271	0,004	0,010	0,170	FALSE
0,097	0,292	0,004	0,010	0,154	FALSE
-0,046	0,290	-0,001	0,007	0,063	FALSE
-0,042	0,301	-0,001	0,007	0,047	FALSE
0,044	0,281	0,002	0,009	0,067	FALSE
0,003	0,294	0,000	0,013	0,003	FALSE
0,019	0,295	-0,001	0,010	0,023	FALSE
-0,101	0,280	-0,003	0,008	0,119	FALSE
0,064	0,285	0,002	0,008	0,076	FALSE
-0,062	0,282	-0,001	0,007	0,060	FALSE
-0,044	0,288	-0,002	0,011	0,078	FALSE
0,057	0,289	0,003	0,007	0,160	FALSE
-0,135	0,288	-0,004	0,009	0,173	FALSE
0,066	0,296	0,000	0,007	0,014	FALSE
0,049	0,287	0,002	0,010	0,070	FALSE
-0,041	0,293	-0,001	0,009	0,036	FALSE
0,158	0,275	0,007	0,013	0,226	FALSE
-0,036	0,279	-0,003	0,011	0,096	FALSE
0,029	0,298	0,002	0,010	0,062	FALSE
-0,056	0,284	0,000	0,008	0,008	FALSE
-0,013	0,314	0,000	0,014	0,000	FALSE
0,004	0,306	0,001	0,013	0,022	FALSE
-0,016	0,296	0,000	0,013	0,004	FALSE
0,006	0,292	0,001	0,013	0,020	FALSE
-0,005	0,293	0,000	0,013	0,006	FALSE
0,007	0,290	-0,001	0,009	0,022	FALSE
-0,085	0,285	-0,004	0,013	0,135	FALSE
0,081	0,298	0,003	0,007	0,170	FALSE
0,007	0,295	0,000	0,007	0,004	FALSE
-0,053	0,289	0,000	0,012	0,010	FALSE
0,047	0,286	0,000	0,012	0,000	FALSE
-0,018	0,282	-0,002	0,012	0,079	FALSE
-0,203	0,271	-0,004	0,006	0,251	FALSE

-0,052	0,288	-0,001	0,008	0,059	FALSE
-0,007	0,279	0,001	0,009	0,037	FALSE
0,034	0,289	-0,001	0,011	0,020	FALSE
0,044	0,277	0,004	0,013	0,109	FALSE
0,066	0,296	0,002	0,013	0,055	FALSE
0,071	0,292	0,002	0,013	0,065	FALSE
-0,027	0,290	-0,001	0,009	0,021	FALSE
0,062	0,302	0,002	0,013	0,052	FALSE
0,120	0,289	0,005	0,011	0,183	FALSE
0,058	0,284	0,002	0,010	0,090	FALSE
-0,026	0,294	0,000	0,010	0,006	FALSE
-0,133	0,290	-0,004	0,009	0,166	FALSE
-0,069	0,289	-0,002	0,011	0,083	FALSE
-0,099	0,280	-0,003	0,010	0,138	FALSE
-0,049	0,283	-0,003	0,012	0,100	FALSE
0,016	0,282	0,000	0,010	0,017	FALSE
0,004	0,295	-0,001	0,008	0,061	FALSE
0,038	0,288	0,002	0,010	0,079	FALSE
0,000	0,282	-0,001	0,008	0,062	FALSE
0,023	0,290	0,000	0,008	0,021	FALSE
0,000	0,286	-0,002	0,012	0,070	FALSE
-0,071	0,284	-0,004	0,010	0,144	FALSE
0,057	0,281	0,004	0,013	0,108	FALSE
0,046	0,281	0,002	0,007	0,097	FALSE
0,114	0,282	0,004	0,007	0,209	FALSE
0,030	0,286	0,001	0,012	0,029	FALSE
0,049	0,283	0,001	0,012	0,030	FALSE
0,022	0,282	0,001	0,012	0,036	FALSE
0,096	0,283	0,004	0,012	0,127	FALSE
0,099	0,298	0,006	0,013	0,177	FALSE
0,102	0,298	0,006	0,013	0,197	FALSE
0,043	0,286	0,001	0,008	0,045	FALSE
-0,078	0,272	-0,001	0,007	0,075	FALSE
0,015	0,288	0,000	0,006	0,015	FALSE
0,049	0,275	0,002	0,012	0,049	FALSE
0,113	0,282	0,002	0,011	0,085	FALSE
-0,032	0,300	-0,001	0,012	0,027	FALSE
-0,001	0,284	0,000	0,011	0,010	FALSE
0,050	0,290	0,003	0,012	0,103	FALSE
-0,030	0,294	-0,001	0,010	0,033	FALSE
-0,007	0,302	0,001	0,011	0,044	FALSE
-0,002	0,300	0,002	0,012	0,058	FALSE
-0,072	0,286	-0,005	0,013	0,143	FALSE
-0,216	0,276	-0,006	0,009	0,310	FALSE
0,120	0,287	0,003	0,007	0,189	FALSE
0,135	0,292	0,004	0,007	0,231	FALSE
0,009	0,284	0,000	0,011	0,003	FALSE
-0,027	0,294	-0,002	0,009	0,101	FALSE
0,029	0,289	0,002	0,013	0,056	FALSE
-0,007	0,280	-0,001	0,009	0,053	FALSE
0,011	0,292	0,002	0,009	0,101	FALSE
-0,088	0,295	-0,002	0,013	0,065	FALSE
-0,055	0,292	-0,001	0,013	0,029	FALSE

-0,026	0,275	-0,001	0,007	0,032	FALSE
0,048	0,295	0,001	0,007	0,029	FALSE
0,096	0,295	0,002	0,009	0,076	FALSE
0,132	0,283	0,004	0,011	0,135	FALSE
-0,035	0,300	-0,001	0,009	0,053	FALSE
-0,033	0,295	0,001	0,010	0,041	FALSE
-0,038	0,285	0,001	0,013	0,034	FALSE
0,028	0,296	0,000	0,008	0,015	FALSE
-0,066	0,275	-0,005	0,012	0,190	FALSE
-0,116	0,294	-0,003	0,008	0,124	FALSE
0,040	0,290	0,000	0,007	0,010	FALSE
0,054	0,291	0,002	0,007	0,092	FALSE
0,070	0,289	0,001	0,008	0,047	FALSE
0,068	0,283	0,002	0,008	0,121	FALSE
-0,016	0,293	-0,001	0,012	0,025	FALSE
-0,105	0,295	-0,002	0,007	0,107	FALSE
-0,093	0,297	-0,004	0,013	0,130	FALSE
0,033	0,304	0,001	0,009	0,031	FALSE
0,046	0,283	0,002	0,008	0,112	FALSE
0,064	0,301	0,001	0,010	0,048	FALSE
-0,083	0,287	-0,003	0,013	0,081	FALSE
0,074	0,291	0,002	0,007	0,106	FALSE
0,031	0,302	0,002	0,010	0,056	FALSE
0,032	0,298	0,001	0,007	0,041	FALSE
0,054	0,292	0,002	0,007	0,086	FALSE
-0,024	0,288	0,000	0,007	0,016	FALSE
0,121	0,299	0,004	0,010	0,144	FALSE
0,129	0,282	0,003	0,007	0,158	FALSE
-0,022	0,299	-0,001	0,011	0,027	FALSE
-0,150	0,290	-0,006	0,012	0,198	FALSE
0,041	0,282	0,002	0,008	0,072	FALSE
0,011	0,287	0,000	0,007	0,012	FALSE
-0,070	0,287	-0,002	0,007	0,112	FALSE
0,082	0,312	0,003	0,013	0,105	FALSE
0,018	0,284	-0,001	0,012	0,032	FALSE
-0,053	0,302	-0,002	0,007	0,100	FALSE
0,108	0,291	0,003	0,009	0,147	FALSE
0,064	0,289	0,003	0,013	0,085	FALSE
0,040	0,281	0,002	0,012	0,056	FALSE
0,094	0,275	0,003	0,006	0,192	FALSE
-0,034	0,289	-0,002	0,013	0,052	FALSE
0,094	0,296	0,003	0,009	0,126	FALSE
-0,141	0,272	-0,004	0,007	0,231	FALSE
0,105	0,277	0,004	0,007	0,255	FALSE
0,003	0,292	0,001	0,010	0,027	FALSE
-0,116	0,301	-0,003	0,009	0,150	FALSE
0,081	0,288	0,003	0,009	0,139	FALSE
-0,058	0,293	-0,002	0,010	0,064	FALSE
-0,057	0,291	-0,002	0,009	0,065	FALSE
0,109	0,284	0,003	0,012	0,102	FALSE
-0,023	0,294	-0,001	0,010	0,027	FALSE
0,098	0,298	0,003	0,012	0,110	FALSE
-0,180	0,285	-0,007	0,012	0,244	FALSE

-0,105	0,278	-0,004	0,009	0,175	FALSE
-0,044	0,285	-0,002	0,010	0,078	FALSE
-0,062	0,298	-0,001	0,012	0,027	FALSE
-0,058	0,301	-0,003	0,012	0,098	FALSE
0,106	0,285	0,003	0,007	0,185	FALSE
0,098	0,295	0,002	0,007	0,136	FALSE
-0,089	0,293	-0,003	0,008	0,154	FALSE
0,262	0,287	0,011	0,013	0,396	FALSE
0,145	0,278	0,003	0,008	0,122	FALSE
-0,007	0,284	0,000	0,008	0,015	FALSE
-0,004	0,286	0,000	0,007	0,021	FALSE
0,047	0,281	0,003	0,010	0,095	FALSE
0,131	0,288	0,006	0,013	0,204	FALSE
-0,078	0,296	-0,002	0,007	0,126	FALSE
0,021	0,296	0,000	0,008	0,018	FALSE
0,046	0,274	0,000	0,007	0,015	FALSE
0,037	0,292	0,000	0,012	0,003	FALSE
0,158	0,305	0,002	0,007	0,141	FALSE
0,086	0,282	0,002	0,008	0,090	FALSE
0,018	0,293	0,000	0,011	0,016	FALSE
0,164	0,289	0,003	0,008	0,157	FALSE
0,036	0,297	0,000	0,010	0,005	FALSE
0,006	0,286	0,000	0,007	0,006	FALSE
0,028	0,294	0,001	0,011	0,047	FALSE
-0,009	0,291	-0,001	0,012	0,017	FALSE
-0,044	0,290	-0,002	0,009	0,077	FALSE
0,068	0,282	0,002	0,009	0,098	FALSE
-0,003	0,287	0,000	0,006	0,001	FALSE
0,025	0,296	0,001	0,006	0,049	FALSE
0,030	0,288	0,002	0,009	0,066	FALSE
0,096	0,292	0,005	0,011	0,190	FALSE
0,063	0,286	0,002	0,009	0,090	FALSE
-0,195	0,274	-0,005	0,012	0,187	FALSE
-0,050	0,291	0,001	0,012	0,024	FALSE
0,004	0,294	0,000	0,010	0,003	FALSE
0,089	0,287	0,003	0,012	0,106	FALSE
-0,012	0,297	0,000	0,010	0,017	FALSE
0,009	0,276	0,001	0,011	0,022	FALSE
-0,143	0,277	-0,005	0,011	0,183	FALSE
-0,131	0,293	-0,004	0,012	0,141	FALSE
0,084	0,292	0,002	0,011	0,075	FALSE
-0,019	0,296	0,000	0,008	0,016	FALSE
0,129	0,285	0,005	0,011	0,214	FALSE
-0,055	0,286	-0,002	0,007	0,086	FALSE
0,005	0,306	-0,001	0,011	0,022	FALSE
-0,050	0,297	-0,001	0,008	0,056	FALSE
-0,041	0,294	0,001	0,013	0,020	FALSE
0,092	0,279	0,002	0,013	0,072	FALSE
0,027	0,275	0,001	0,007	0,044	FALSE
0,082	0,280	0,002	0,008	0,084	FALSE
-0,014	0,274	-0,002	0,011	0,078	FALSE
-0,063	0,300	-0,002	0,007	0,078	FALSE
-0,101	0,290	-0,002	0,008	0,094	FALSE

0,019	0,282	-0,002	0,010	0,058	FALSE
0,042	0,289	0,000	0,009	0,019	FALSE
-0,027	0,276	-0,003	0,010	0,127	FALSE
-0,079	0,287	-0,004	0,012	0,129	FALSE
-0,094	0,291	-0,005	0,013	0,160	FALSE
-0,028	0,296	-0,001	0,013	0,025	FALSE
-0,072	0,273	-0,001	0,012	0,024	FALSE
-0,149	0,284	-0,006	0,011	0,211	FALSE
-0,024	0,295	0,001	0,007	0,025	FALSE
-0,053	0,281	-0,001	0,007	0,074	FALSE
0,146	0,277	0,004	0,009	0,183	FALSE
0,068	0,301	0,004	0,013	0,128	FALSE
0,122	0,287	0,006	0,012	0,215	FALSE
0,155	0,274	0,004	0,007	0,258	FALSE
0,042	0,309	0,004	0,013	0,104	FALSE
-0,019	0,297	-0,001	0,011	0,045	FALSE
-0,092	0,277	-0,003	0,011	0,102	FALSE
-0,081	0,292	-0,003	0,011	0,088	FALSE
-0,003	0,287	0,000	0,012	0,013	FALSE
0,013	0,302	0,001	0,013	0,029	FALSE
0,135	0,295	0,004	0,010	0,182	FALSE
0,043	0,301	0,001	0,007	0,041	FALSE
0,064	0,280	0,001	0,008	0,026	FALSE
0,030	0,289	0,000	0,008	0,003	FALSE
0,017	0,289	-0,001	0,009	0,049	FALSE
-0,110	0,285	-0,004	0,012	0,143	FALSE
-0,080	0,291	-0,002	0,012	0,057	FALSE
-0,055	0,278	0,000	0,012	0,002	FALSE
0,065	0,286	0,004	0,011	0,164	FALSE
-0,031	0,287	0,000	0,007	0,008	FALSE
-0,066	0,290	-0,001	0,008	0,055	FALSE
-0,048	0,303	-0,002	0,008	0,083	FALSE
-0,022	0,289	-0,001	0,007	0,026	FALSE
0,040	0,293	0,000	0,012	0,010	FALSE
0,075	0,300	0,003	0,012	0,085	FALSE
0,051	0,289	0,001	0,006	0,037	FALSE
0,106	0,279	0,003	0,012	0,114	FALSE
-0,057	0,289	-0,002	0,009	0,088	FALSE
-0,044	0,300	-0,002	0,010	0,079	FALSE
0,034	0,289	0,001	0,009	0,027	FALSE
0,009	0,281	0,000	0,009	0,003	FALSE
0,032	0,300	-0,001	0,008	0,037	FALSE
-0,117	0,279	-0,004	0,012	0,151	FALSE
-0,018	0,282	-0,002	0,011	0,049	FALSE
-0,057	0,274	0,000	0,011	0,009	FALSE
-0,017	0,281	-0,001	0,009	0,064	FALSE
-0,002	0,297	-0,001	0,012	0,040	FALSE
-0,103	0,306	-0,004	0,012	0,130	FALSE
-0,017	0,272	-0,003	0,010	0,104	FALSE
-0,009	0,289	-0,001	0,012	0,040	FALSE
0,077	0,290	0,004	0,010	0,146	FALSE
0,063	0,287	0,003	0,009	0,133	FALSE
-0,053	0,290	-0,002	0,009	0,078	FALSE

-0,083	0,286	-0,002	0,010	0,097	FALSE
-0,020	0,281	0,000	0,006	0,015	FALSE
-0,007	0,294	0,001	0,007	0,031	FALSE
-0,043	0,289	0,000	0,007	0,006	FALSE
-0,028	0,289	-0,001	0,009	0,051	FALSE
-0,144	0,294	-0,004	0,008	0,186	FALSE
-0,055	0,291	-0,001	0,013	0,017	FALSE
-0,091	0,285	-0,002	0,013	0,073	FALSE
-0,077	0,279	-0,002	0,013	0,067	FALSE
-0,071	0,293	-0,002	0,012	0,059	FALSE
0,164	0,284	0,004	0,011	0,159	FALSE
-0,140	0,280	-0,004	0,011	0,157	FALSE
-0,014	0,297	0,001	0,012	0,020	FALSE
0,098	0,288	0,003	0,007	0,174	FALSE
-0,162	0,278	-0,003	0,006	0,188	FALSE
-0,088	0,292	-0,001	0,009	0,056	FALSE
0,216	0,284	0,006	0,010	0,292	FALSE
-0,072	0,297	-0,001	0,007	0,056	FALSE
0,023	0,285	-0,001	0,012	0,031	FALSE
-0,033	0,290	0,000	0,008	0,003	FALSE
-0,206	0,272	-0,007	0,011	0,295	FALSE
-0,011	0,271	-0,001	0,007	0,038	FALSE
-0,052	0,296	-0,003	0,008	0,140	FALSE
0,119	0,275	0,002	0,007	0,129	FALSE
0,153	0,292	0,003	0,007	0,166	FALSE
0,081	0,286	0,003	0,011	0,097	FALSE
0,052	0,271	0,002	0,010	0,054	FALSE
-0,087	0,292	-0,002	0,007	0,112	FALSE
0,008	0,293	0,001	0,013	0,029	FALSE
0,131	0,287	0,002	0,007	0,141	FALSE
0,029	0,293	0,000	0,008	0,006	FALSE
-0,064	0,294	-0,002	0,007	0,123	FALSE
-0,018	0,300	0,000	0,008	0,007	FALSE
0,003	0,298	0,001	0,008	0,023	FALSE
-0,004	0,285	0,000	0,008	0,011	FALSE
-0,010	0,305	0,000	0,009	0,003	FALSE
0,010	0,305	0,000	0,014	0,005	FALSE
0,098	0,298	0,003	0,013	0,094	FALSE
0,010	0,284	0,001	0,008	0,056	FALSE
0,002	0,297	0,001	0,009	0,059	FALSE
-0,135	0,298	-0,002	0,008	0,109	FALSE
-0,135	0,272	-0,002	0,007	0,125	FALSE
-0,142	0,280	-0,005	0,012	0,166	FALSE
0,021	0,294	0,001	0,007	0,033	FALSE
-0,152	0,284	-0,003	0,007	0,157	FALSE
-0,020	0,293	0,000	0,012	0,007	FALSE
0,199	0,272	0,004	0,008	0,206	FALSE
-0,148	0,282	-0,005	0,011	0,203	FALSE
0,035	0,295	0,003	0,012	0,094	FALSE
-0,105	0,287	-0,003	0,012	0,107	FALSE
0,044	0,277	0,002	0,010	0,089	FALSE
-0,056	0,295	-0,002	0,008	0,115	FALSE
-0,146	0,289	-0,004	0,010	0,158	FALSE

0,076	0,306	0,001	0,007	0,053	FALSE
-0,169	0,285	-0,003	0,008	0,179	FALSE
0,065	0,291	0,002	0,007	0,093	FALSE
0,014	0,288	-0,001	0,008	0,038	FALSE
0,007	0,315	-0,001	0,013	0,022	FALSE
0,055	0,296	0,003	0,013	0,084	FALSE
-0,036	0,289	-0,002	0,010	0,071	FALSE
0,063	0,300	0,003	0,010	0,119	FALSE
0,017	0,285	-0,001	0,007	0,032	FALSE
0,047	0,272	0,001	0,006	0,091	FALSE
0,122	0,271	0,005	0,009	0,209	FALSE
0,036	0,277	0,001	0,006	0,073	FALSE
0,126	0,280	0,002	0,006	0,144	FALSE
-0,063	0,303	-0,003	0,010	0,125	FALSE
0,151	0,289	0,002	0,009	0,110	TRUE
-0,021	0,299	-0,001	0,007	0,047	FALSE
0,034	0,290	0,002	0,006	0,117	FALSE
0,051	0,283	0,000	0,007	0,003	FALSE
-0,182	0,273	-0,004	0,007	0,278	FALSE
-0,042	0,288	-0,001	0,007	0,065	FALSE
0,102	0,292	0,005	0,011	0,171	FALSE
-0,052	0,302	-0,001	0,007	0,041	FALSE
-0,010	0,298	-0,003	0,013	0,094	FALSE
0,047	0,287	0,000	0,007	0,014	FALSE
0,164	0,277	0,005	0,012	0,180	FALSE
0,064	0,284	0,002	0,010	0,083	FALSE
-0,022	0,294	0,000	0,010	0,016	FALSE
0,052	0,291	0,002	0,010	0,064	FALSE
-0,125	0,285	-0,003	0,007	0,176	FALSE
0,019	0,294	0,001	0,007	0,062	FALSE
-0,022	0,285	0,000	0,007	0,022	FALSE
0,098	0,288	0,004	0,013	0,129	FALSE
0,013	0,283	0,001	0,007	0,065	FALSE
0,103	0,284	0,002	0,007	0,088	FALSE
0,031	0,295	0,001	0,012	0,023	FALSE
-0,009	0,283	0,002	0,008	0,068	FALSE
-0,056	0,290	-0,001	0,007	0,077	FALSE
0,003	0,283	0,000	0,007	0,006	FALSE
0,035	0,284	0,001	0,009	0,049	FALSE
0,142	0,283	0,003	0,013	0,104	FALSE
0,167	0,286	0,003	0,007	0,156	FALSE
0,159	0,278	0,005	0,007	0,263	FALSE
0,171	0,301	0,003	0,007	0,147	FALSE
0,058	0,290	0,002	0,007	0,124	FALSE
-0,029	0,287	0,001	0,010	0,023	FALSE
-0,041	0,291	-0,001	0,012	0,024	FALSE
-0,036	0,281	0,000	0,006	0,022	FALSE
-0,097	0,301	-0,003	0,009	0,144	FALSE
0,040	0,281	0,000	0,009	0,011	FALSE
0,093	0,285	0,003	0,011	0,115	FALSE
-0,004	0,297	-0,001	0,010	0,031	FALSE
-0,152	0,285	-0,005	0,013	0,166	FALSE
-0,006	0,291	0,000	0,007	0,020	FALSE

0,098	0,306	0,004	0,013	0,105	FALSE
-0,168	0,282	-0,004	0,009	0,193	FALSE
0,033	0,301	0,002	0,013	0,068	FALSE
-0,060	0,291	-0,002	0,010	0,075	FALSE
-0,025	0,281	-0,001	0,008	0,055	FALSE
-0,152	0,275	-0,005	0,012	0,187	FALSE
0,004	0,296	0,000	0,006	0,009	FALSE
-0,074	0,298	-0,002	0,013	0,068	FALSE
0,050	0,293	0,002	0,010	0,082	FALSE
0,008	0,285	0,000	0,010	0,011	FALSE
-0,016	0,291	-0,001	0,013	0,042	FALSE
0,100	0,284	0,004	0,008	0,182	FALSE
-0,103	0,299	-0,002	0,007	0,124	FALSE
-0,038	0,286	0,000	0,007	0,013	FALSE
0,057	0,280	0,002	0,007	0,116	FALSE
0,051	0,288	0,001	0,010	0,036	FALSE
0,063	0,268	0,001	0,008	0,024	FALSE
0,010	0,279	0,000	0,008	0,001	FALSE
0,018	0,283	0,003	0,012	0,095	FALSE
-0,035	0,300	-0,001	0,013	0,033	FALSE
-0,162	0,285	-0,007	0,012	0,234	FALSE
0,070	0,285	0,002	0,013	0,044	FALSE
0,032	0,280	0,000	0,013	0,010	FALSE
0,040	0,293	0,000	0,012	0,001	FALSE
0,063	0,268	0,002	0,012	0,073	FALSE
0,037	0,307	-0,001	0,009	0,021	FALSE
-0,002	0,289	0,001	0,011	0,029	FALSE
0,007	0,281	0,001	0,007	0,066	FALSE
-0,016	0,304	0,000	0,007	0,017	FALSE
0,097	0,295	0,003	0,009	0,118	FALSE
-0,105	0,285	-0,004	0,008	0,229	FALSE
-0,030	0,283	-0,002	0,013	0,051	FALSE
-0,010	0,281	0,001	0,006	0,059	FALSE
-0,243	0,282	-0,010	0,010	0,486	FALSE
-0,145	0,298	-0,006	0,013	0,178	FALSE
-0,172	0,281	-0,007	0,013	0,241	FALSE
-0,123	0,293	-0,005	0,013	0,157	FALSE
-0,081	0,284	-0,002	0,012	0,062	FALSE
-0,098	0,276	-0,003	0,012	0,113	FALSE
-0,047	0,281	-0,001	0,010	0,024	FALSE
0,016	0,281	0,001	0,012	0,043	FALSE
0,120	0,298	0,004	0,009	0,192	FALSE
-0,266	0,269	-0,005	0,007	0,344	FALSE
0,135	0,277	0,005	0,011	0,202	FALSE
-0,044	0,283	-0,002	0,008	0,110	FALSE
-0,080	0,289	-0,003	0,007	0,173	FALSE
0,089	0,300	0,005	0,013	0,145	FALSE
-0,050	0,292	-0,001	0,013	0,039	FALSE
0,052	0,270	0,002	0,008	0,121	FALSE
0,080	0,299	0,002	0,006	0,114	FALSE
0,023	0,284	0,002	0,008	0,081	FALSE
0,024	0,290	0,001	0,009	0,043	FALSE
-0,073	0,300	-0,001	0,011	0,029	FALSE

0,039	0,303	0,000	0,011	0,011	FALSE
0,007	0,285	0,001	0,012	0,027	FALSE
-0,003	0,284	0,001	0,011	0,027	FALSE
0,078	0,287	0,002	0,010	0,062	FALSE
-0,064	0,296	-0,001	0,006	0,040	FALSE
0,048	0,287	0,003	0,011	0,099	FALSE
0,033	0,268	0,000	0,008	0,014	FALSE
-0,014	0,285	-0,001	0,008	0,063	FALSE
-0,178	0,279	-0,006	0,011	0,240	FALSE
-0,018	0,293	-0,001	0,008	0,042	FALSE
-0,147	0,283	-0,006	0,008	0,341	FALSE
0,009	0,298	0,002	0,008	0,091	FALSE
-0,035	0,297	-0,002	0,010	0,072	FALSE
-0,087	0,291	-0,004	0,011	0,132	FALSE
0,023	0,287	-0,001	0,010	0,039	FALSE
-0,002	0,296	0,000	0,007	0,014	FALSE
0,087	0,289	0,005	0,013	0,142	FALSE
0,067	0,298	0,004	0,013	0,117	FALSE
-0,122	0,295	-0,004	0,009	0,186	FALSE
-0,105	0,294	-0,004	0,009	0,180	FALSE
-0,013	0,286	0,001	0,007	0,037	FALSE
-0,013	0,298	0,001	0,012	0,024	FALSE
0,052	0,297	0,003	0,013	0,105	FALSE
0,060	0,280	0,003	0,013	0,085	FALSE
0,050	0,279	0,000	0,012	0,003	FALSE
-0,002	0,293	-0,001	0,007	0,041	FALSE
-0,017	0,284	-0,002	0,009	0,067	FALSE
-0,154	0,279	-0,003	0,009	0,140	FALSE
-0,049	0,273	-0,001	0,012	0,025	FALSE
0,000	0,298	-0,001	0,007	0,038	FALSE
-0,094	0,283	-0,005	0,012	0,184	FALSE
-0,069	0,275	-0,004	0,012	0,127	FALSE
0,004	0,300	0,000	0,013	0,002	FALSE
0,024	0,303	0,001	0,009	0,035	FALSE
-0,062	0,299	-0,002	0,012	0,069	FALSE
-0,058	0,288	-0,002	0,012	0,048	FALSE
0,005	0,300	-0,001	0,008	0,059	FALSE
-0,024	0,277	-0,003	0,013	0,103	FALSE
0,047	0,273	0,004	0,012	0,139	FALSE
0,008	0,283	0,002	0,012	0,055	FALSE
-0,182	0,273	-0,003	0,006	0,188	FALSE
0,025	0,289	0,002	0,010	0,059	FALSE
0,151	0,284	0,005	0,011	0,215	FALSE
0,094	0,292	0,001	0,010	0,025	FALSE
-0,156	0,292	-0,005	0,010	0,220	FALSE
0,100	0,295	0,001	0,010	0,047	FALSE
0,022	0,300	-0,002	0,013	0,050	FALSE
-0,053	0,297	-0,001	0,007	0,041	FALSE
-0,083	0,284	-0,003	0,009	0,134	FALSE
0,128	0,294	0,002	0,007	0,120	FALSE
0,011	0,301	0,001	0,013	0,024	FALSE
-0,091	0,294	-0,005	0,010	0,178	FALSE
-0,120	0,296	-0,005	0,011	0,165	FALSE

-0,091	0,295	-0,004	0,011	0,151	FALSE
-0,075	0,292	-0,002	0,011	0,065	FALSE
-0,034	0,300	-0,001	0,011	0,016	FALSE
0,004	0,292	0,001	0,007	0,042	FALSE
0,021	0,296	0,000	0,012	0,014	FALSE
0,024	0,289	0,001	0,012	0,035	FALSE
-0,057	0,281	-0,001	0,007	0,079	FALSE
-0,052	0,299	-0,003	0,012	0,086	FALSE
-0,026	0,290	-0,001	0,007	0,047	FALSE
0,146	0,282	0,005	0,012	0,181	FALSE
-0,019	0,279	-0,001	0,009	0,047	FALSE
0,052	0,299	0,002	0,010	0,068	FALSE
-0,053	0,298	-0,001	0,008	0,038	FALSE
-0,067	0,283	-0,003	0,009	0,132	FALSE
-0,101	0,273	-0,002	0,006	0,115	FALSE
-0,014	0,288	-0,001	0,011	0,043	FALSE
-0,153	0,289	-0,004	0,007	0,239	FALSE
0,108	0,295	0,002	0,007	0,084	FALSE
-0,088	0,283	-0,002	0,008	0,097	FALSE
0,022	0,292	0,000	0,007	0,002	FALSE
0,097	0,288	0,002	0,007	0,105	FALSE
0,066	0,280	0,004	0,009	0,174	FALSE
-0,054	0,301	-0,003	0,012	0,088	FALSE
0,025	0,302	0,001	0,007	0,065	FALSE
-0,024	0,289	-0,001	0,011	0,036	FALSE
0,030	0,305	0,000	0,009	0,015	FALSE
-0,121	0,286	-0,002	0,007	0,123	FALSE
-0,111	0,298	-0,003	0,010	0,112	FALSE
0,113	0,293	0,002	0,008	0,114	FALSE
0,029	0,290	0,000	0,009	0,004	FALSE
0,060	0,307	0,001	0,007	0,071	FALSE
0,037	0,288	-0,001	0,007	0,031	FALSE
0,108	0,287	0,001	0,008	0,069	FALSE
0,137	0,281	0,004	0,009	0,175	FALSE
0,107	0,288	0,003	0,009	0,111	FALSE
0,090	0,286	0,002	0,009	0,093	FALSE
0,028	0,295	0,001	0,007	0,073	FALSE
-0,150	0,288	-0,004	0,008	0,192	FALSE
0,088	0,286	0,002	0,007	0,148	FALSE
0,054	0,287	0,001	0,006	0,078	FALSE
0,104	0,275	0,002	0,007	0,112	FALSE
-0,073	0,290	-0,003	0,009	0,155	FALSE
-0,015	0,288	0,001	0,013	0,016	FALSE
-0,076	0,287	-0,002	0,007	0,094	FALSE
0,074	0,282	0,002	0,007	0,093	FALSE
0,073	0,289	0,001	0,009	0,051	FALSE
-0,076	0,300	-0,003	0,013	0,075	FALSE
-0,159	0,301	-0,003	0,006	0,187	FALSE
-0,221	0,284	-0,008	0,011	0,321	FALSE
0,162	0,282	0,006	0,010	0,225	FALSE
0,085	0,299	0,003	0,013	0,073	FALSE
0,003	0,289	0,000	0,007	0,013	FALSE
0,110	0,279	0,001	0,010	0,051	FALSE

0,005	0,301	0,000	0,012	0,003	FALSE
-0,100	0,284	-0,003	0,010	0,119	FALSE
0,038	0,304	0,001	0,012	0,035	FALSE
-0,084	0,284	-0,002	0,008	0,120	FALSE
0,036	0,293	0,001	0,007	0,027	FALSE
-0,059	0,281	-0,002	0,007	0,107	FALSE
-0,063	0,294	-0,003	0,010	0,111	FALSE
0,124	0,292	0,003	0,008	0,129	FALSE
0,067	0,294	0,002	0,007	0,107	FALSE
0,075	0,302	0,002	0,008	0,119	FALSE
0,086	0,286	0,002	0,008	0,076	FALSE
-0,059	0,295	-0,002	0,009	0,073	FALSE
-0,027	0,298	0,000	0,010	0,004	FALSE
-0,015	0,292	0,000	0,007	0,005	FALSE
-0,109	0,286	-0,003	0,008	0,126	FALSE
-0,078	0,289	-0,005	0,012	0,160	FALSE
0,004	0,290	-0,001	0,012	0,024	FALSE
-0,164	0,259	-0,004	0,007	0,227	FALSE
-0,147	0,285	-0,004	0,011	0,143	FALSE
0,027	0,290	0,001	0,008	0,024	FALSE
-0,018	0,289	0,002	0,013	0,045	FALSE
-0,005	0,297	0,002	0,013	0,068	FALSE
-0,126	0,282	-0,003	0,010	0,132	FALSE
0,037	0,285	-0,001	0,010	0,042	FALSE
0,098	0,289	0,005	0,012	0,155	FALSE
-0,075	0,283	-0,002	0,007	0,097	FALSE
-0,017	0,290	0,000	0,008	0,015	FALSE
0,001	0,288	0,000	0,006	0,023	FALSE
-0,072	0,277	-0,001	0,008	0,030	FALSE
0,151	0,281	0,007	0,012	0,267	FALSE
0,048	0,306	0,002	0,010	0,068	FALSE
0,045	0,283	0,002	0,010	0,062	FALSE
-0,030	0,289	-0,001	0,007	0,038	FALSE
-0,024	0,277	-0,001	0,008	0,052	FALSE
0,056	0,301	0,001	0,007	0,067	FALSE
0,115	0,277	0,003	0,012	0,104	FALSE
0,104	0,299	0,002	0,010	0,084	FALSE
0,119	0,292	0,005	0,013	0,158	FALSE
-0,066	0,290	-0,002	0,007	0,091	FALSE
-0,003	0,295	0,001	0,009	0,027	FALSE
0,023	0,293	0,001	0,009	0,058	FALSE
-0,002	0,288	0,000	0,007	0,002	FALSE
0,108	0,290	0,001	0,008	0,067	FALSE
0,018	0,287	0,002	0,013	0,064	FALSE
-0,019	0,277	-0,001	0,006	0,075	FALSE
-0,034	0,291	0,001	0,007	0,031	FALSE
-0,001	0,291	0,000	0,009	0,014	FALSE
-0,150	0,273	-0,003	0,008	0,177	FALSE
-0,065	0,286	-0,002	0,012	0,073	FALSE
0,219	0,282	0,007	0,011	0,270	FALSE
-0,043	0,301	-0,001	0,011	0,050	FALSE
0,002	0,282	-0,001	0,007	0,044	FALSE
0,055	0,300	0,002	0,007	0,109	FALSE

-0,086	0,287	-0,004	0,010	0,145	FALSE
0,025	0,289	0,001	0,006	0,042	FALSE
0,046	0,290	0,001	0,007	0,076	FALSE
0,029	0,292	0,001	0,007	0,077	FALSE
0,032	0,288	0,000	0,009	0,008	FALSE
-0,037	0,288	0,000	0,008	0,000	FALSE
0,005	0,290	0,001	0,007	0,069	FALSE
-0,110	0,291	-0,006	0,012	0,225	FALSE
0,015	0,278	0,002	0,008	0,103	FALSE
0,073	0,294	0,002	0,007	0,129	FALSE
-0,053	0,291	-0,003	0,013	0,095	FALSE
-0,018	0,294	-0,001	0,013	0,035	FALSE
-0,011	0,301	-0,001	0,013	0,020	FALSE
0,044	0,288	0,003	0,013	0,076	FALSE
0,066	0,306	0,001	0,007	0,046	FALSE
0,010	0,275	-0,001	0,008	0,043	FALSE
-0,042	0,299	-0,001	0,009	0,053	FALSE
0,108	0,287	0,001	0,006	0,090	FALSE
-0,005	0,303	0,001	0,007	0,048	FALSE
-0,044	0,311	-0,001	0,010	0,029	FALSE
0,007	0,292	-0,001	0,009	0,034	FALSE
-0,082	0,289	-0,002	0,007	0,121	FALSE
0,204	0,289	0,006	0,009	0,283	FALSE
0,003	0,291	0,001	0,011	0,036	FALSE
-0,031	0,305	0,000	0,011	0,008	FALSE
0,030	0,289	0,003	0,010	0,110	FALSE
0,093	0,303	0,002	0,008	0,106	FALSE
0,009	0,293	0,001	0,012	0,031	FALSE
0,048	0,290	0,001	0,013	0,040	FALSE
0,120	0,277	0,003	0,008	0,119	FALSE
-0,013	0,302	-0,001	0,011	0,043	FALSE
-0,125	0,291	-0,005	0,011	0,188	FALSE
0,193	0,269	0,006	0,011	0,224	FALSE
-0,208	0,263	-0,009	0,010	0,405	FALSE
-0,140	0,281	-0,006	0,011	0,225	FALSE
-0,002	0,294	0,000	0,009	0,014	FALSE
0,057	0,289	0,002	0,011	0,077	FALSE
-0,006	0,285	0,000	0,007	0,002	FALSE
0,039	0,296	0,001	0,009	0,051	FALSE
-0,006	0,285	0,000	0,006	0,008	FALSE
0,013	0,291	0,000	0,008	0,010	FALSE
0,129	0,290	0,006	0,012	0,225	FALSE
-0,213	0,281	-0,009	0,011	0,377	FALSE
-0,041	0,278	0,000	0,007	0,012	FALSE
0,034	0,314	0,001	0,012	0,017	FALSE
0,117	0,292	0,004	0,008	0,193	FALSE
-0,230	0,277	-0,009	0,012	0,360	FALSE
0,134	0,290	0,008	0,013	0,266	FALSE
0,132	0,281	0,007	0,011	0,251	FALSE
0,063	0,287	0,003	0,011	0,125	FALSE
0,032	0,298	0,001	0,012	0,027	FALSE
0,022	0,291	0,000	0,011	0,002	FALSE
0,094	0,297	0,004	0,012	0,131	FALSE

-0,027	0,296	-0,001	0,013	0,040	FALSE
0,076	0,291	0,001	0,009	0,058	FALSE
-0,062	0,294	-0,001	0,011	0,040	FALSE
-0,125	0,278	-0,004	0,010	0,167	FALSE
-0,135	0,284	-0,006	0,012	0,229	FALSE
0,118	0,283	0,004	0,010	0,179	FALSE
0,083	0,277	0,005	0,011	0,190	FALSE
-0,034	0,302	-0,001	0,007	0,039	FALSE
-0,070	0,289	-0,003	0,008	0,143	FALSE
0,115	0,285	0,002	0,009	0,077	FALSE
-0,134	0,285	-0,004	0,009	0,174	FALSE
-0,143	0,292	-0,004	0,009	0,191	FALSE
0,093	0,286	0,004	0,010	0,156	FALSE
0,059	0,278	0,001	0,009	0,030	FALSE
0,093	0,299	0,004	0,011	0,149	FALSE
-0,167	0,274	-0,003	0,007	0,201	FALSE
0,069	0,297	0,004	0,011	0,124	FALSE
0,032	0,294	0,002	0,012	0,071	FALSE
-0,208	0,278	-0,006	0,008	0,299	FALSE
-0,002	0,282	0,000	0,013	0,003	FALSE
-0,026	0,294	0,000	0,006	0,013	FALSE
0,203	0,276	0,004	0,008	0,239	FALSE
-0,030	0,294	-0,002	0,011	0,052	FALSE
-0,019	0,284	0,000	0,010	0,010	FALSE
0,052	0,301	0,003	0,010	0,098	FALSE
0,075	0,289	0,002	0,011	0,070	FALSE
0,020	0,291	0,000	0,010	0,008	FALSE
0,107	0,296	0,002	0,007	0,119	FALSE
-0,025	0,293	0,000	0,007	0,003	FALSE
0,064	0,296	0,002	0,012	0,075	FALSE
-0,064	0,286	-0,001	0,010	0,044	FALSE
0,060	0,289	0,000	0,009	0,013	FALSE
-0,155	0,284	-0,005	0,012	0,165	FALSE
-0,121	0,294	-0,004	0,008	0,201	FALSE
0,046	0,293	0,003	0,009	0,106	FALSE
0,102	0,284	0,001	0,006	0,071	FALSE
0,049	0,284	0,003	0,009	0,124	FALSE
-0,010	0,295	-0,001	0,010	0,028	FALSE
0,126	0,286	0,005	0,012	0,173	FALSE
0,080	0,295	0,002	0,011	0,058	FALSE
0,083	0,296	0,004	0,012	0,118	FALSE
0,041	0,306	0,002	0,012	0,076	FALSE
-0,139	0,281	-0,004	0,013	0,117	FALSE
0,121	0,293	0,005	0,011	0,175	FALSE
-0,127	0,289	-0,003	0,013	0,076	FALSE
-0,136	0,283	-0,003	0,010	0,106	FALSE
-0,030	0,292	-0,002	0,010	0,069	FALSE
0,065	0,292	0,000	0,006	0,011	FALSE
0,106	0,287	0,002	0,012	0,072	FALSE
-0,059	0,286	0,000	0,007	0,005	FALSE
0,074	0,302	0,003	0,013	0,086	FALSE
0,193	0,285	0,007	0,012	0,249	FALSE
0,024	0,287	0,002	0,010	0,065	FALSE

0,069	0,295	0,002	0,008	0,095	FALSE
0,001	0,296	-0,001	0,010	0,031	FALSE
-0,058	0,291	-0,002	0,008	0,078	FALSE
0,111	0,282	0,004	0,013	0,122	FALSE
0,026	0,287	0,001	0,012	0,037	FALSE
-0,039	0,302	-0,001	0,007	0,065	FALSE
-0,052	0,275	-0,004	0,012	0,119	FALSE
0,128	0,294	0,004	0,011	0,136	FALSE
0,113	0,291	0,004	0,012	0,128	FALSE
-0,046	0,288	0,000	0,012	0,003	FALSE
0,156	0,289	0,004	0,009	0,159	FALSE
0,123	0,292	0,006	0,012	0,234	FALSE
-0,099	0,280	-0,003	0,006	0,172	FALSE
-0,006	0,290	-0,002	0,012	0,044	FALSE
-0,076	0,288	-0,003	0,006	0,179	FALSE
0,124	0,282	0,002	0,012	0,075	FALSE
0,063	0,267	0,004	0,008	0,197	FALSE
-0,124	0,279	-0,004	0,012	0,139	FALSE
-0,173	0,280	-0,007	0,012	0,232	FALSE
-0,061	0,280	-0,002	0,013	0,059	FALSE
-0,118	0,279	-0,004	0,011	0,125	FALSE
0,037	0,283	0,000	0,008	0,004	FALSE
0,076	0,287	0,001	0,007	0,032	FALSE
0,081	0,281	0,002	0,007	0,113	FALSE
-0,168	0,284	-0,003	0,007	0,181	FALSE
-0,022	0,296	-0,001	0,009	0,051	FALSE
-0,101	0,280	-0,002	0,007	0,122	FALSE
0,125	0,293	0,003	0,007	0,211	FALSE
-0,064	0,300	-0,002	0,013	0,064	FALSE
-0,060	0,284	0,000	0,007	0,027	FALSE
0,036	0,293	0,001	0,007	0,027	FALSE
0,102	0,275	0,003	0,010	0,140	FALSE
0,009	0,301	0,001	0,013	0,022	FALSE
-0,071	0,290	-0,002	0,007	0,104	FALSE
-0,031	0,298	-0,001	0,007	0,040	FALSE
-0,046	0,296	-0,003	0,012	0,080	FALSE
-0,037	0,298	-0,001	0,007	0,056	FALSE
-0,118	0,289	-0,003	0,008	0,132	FALSE
-0,135	0,293	-0,003	0,008	0,151	FALSE
0,091	0,290	0,001	0,007	0,027	FALSE
0,052	0,297	0,000	0,009	0,012	FALSE
-0,122	0,293	-0,003	0,009	0,150	FALSE
-0,148	0,291	-0,004	0,008	0,229	FALSE
-0,118	0,303	-0,003	0,009	0,143	FALSE
-0,003	0,291	-0,001	0,007	0,036	FALSE
0,060	0,300	0,002	0,010	0,074	FALSE
0,018	0,280	0,002	0,007	0,118	FALSE
0,012	0,289	0,001	0,010	0,019	FALSE
0,029	0,290	0,000	0,007	0,025	FALSE
0,001	0,280	-0,001	0,007	0,035	FALSE
-0,027	0,300	-0,001	0,008	0,060	FALSE
-0,178	0,292	-0,006	0,009	0,289	FALSE
0,046	0,289	0,001	0,008	0,031	FALSE

-0,133	0,290	-0,002	0,009	0,084	FALSE
-0,146	0,279	-0,002	0,009	0,097	FALSE
-0,080	0,280	0,000	0,010	0,001	FALSE
0,129	0,297	0,002	0,008	0,094	FALSE
0,201	0,289	0,008	0,013	0,275	FALSE
-0,061	0,296	-0,004	0,011	0,134	FALSE
-0,146	0,279	-0,004	0,006	0,273	FALSE
0,015	0,299	0,000	0,011	0,005	FALSE
-0,098	0,297	-0,002	0,010	0,066	FALSE
0,014	0,286	0,001	0,007	0,046	FALSE
0,056	0,281	0,005	0,012	0,172	FALSE
0,062	0,284	0,005	0,012	0,173	FALSE
0,108	0,291	0,007	0,013	0,223	FALSE
-0,037	0,301	-0,002	0,008	0,095	FALSE
-0,053	0,294	-0,001	0,010	0,045	FALSE
-0,057	0,292	0,000	0,013	0,001	FALSE
-0,018	0,308	-0,001	0,013	0,035	FALSE
0,024	0,299	0,000	0,010	0,008	FALSE
0,082	0,276	0,003	0,010	0,100	FALSE
0,036	0,294	0,000	0,007	0,018	FALSE
-0,039	0,294	-0,001	0,007	0,049	FALSE
-0,057	0,290	-0,002	0,012	0,066	FALSE
0,044	0,295	0,004	0,010	0,158	FALSE
0,182	0,273	0,005	0,007	0,337	FALSE
-0,020	0,286	-0,001	0,006	0,059	FALSE
-0,100	0,289	-0,001	0,006	0,078	FALSE
0,101	0,291	0,003	0,011	0,113	FALSE
-0,178	0,289	-0,005	0,010	0,217	FALSE
-0,091	0,292	-0,002	0,008	0,075	FALSE
-0,051	0,290	-0,002	0,007	0,108	FALSE
0,030	0,294	0,001	0,012	0,033	FALSE
0,013	0,282	0,000	0,012	0,014	FALSE
0,079	0,284	0,005	0,012	0,152	FALSE
0,020	0,300	0,001	0,013	0,040	FALSE
-0,048	0,287	-0,001	0,007	0,028	FALSE
0,085	0,287	0,002	0,011	0,074	FALSE
0,065	0,289	0,002	0,009	0,073	FALSE
-0,079	0,297	-0,003	0,011	0,126	FALSE
0,032	0,297	0,001	0,013	0,026	FALSE
-0,092	0,283	-0,004	0,011	0,148	FALSE
0,012	0,299	0,000	0,010	0,012	FALSE
0,052	0,305	0,001	0,009	0,060	FALSE
-0,185	0,288	-0,005	0,010	0,190	FALSE
0,092	0,287	0,002	0,008	0,116	FALSE
0,092	0,298	0,002	0,007	0,099	FALSE
0,080	0,283	0,003	0,009	0,124	FALSE
-0,014	0,295	0,001	0,010	0,028	FALSE
-0,149	0,281	-0,004	0,007	0,245	FALSE
0,042	0,290	0,001	0,009	0,046	FALSE
0,053	0,278	0,002	0,009	0,064	FALSE
-0,008	0,299	0,000	0,012	0,006	FALSE
-0,050	0,296	-0,001	0,011	0,037	FALSE
0,078	0,299	0,004	0,013	0,119	FALSE

-0,035	0,296	-0,002	0,012	0,059	FALSE
-0,019	0,278	-0,001	0,007	0,031	FALSE
-0,024	0,282	-0,002	0,008	0,093	FALSE
-0,079	0,297	0,000	0,007	0,010	FALSE
0,043	0,291	-0,001	0,008	0,044	FALSE
-0,025	0,279	0,001	0,008	0,059	FALSE
-0,033	0,304	0,001	0,011	0,019	FALSE
-0,053	0,296	-0,001	0,009	0,050	FALSE
-0,091	0,295	-0,003	0,007	0,155	FALSE
0,075	0,297	0,002	0,008	0,082	FALSE
-0,085	0,284	-0,005	0,012	0,156	FALSE
0,073	0,276	0,002	0,010	0,091	FALSE
-0,104	0,289	-0,002	0,008	0,124	FALSE
-0,011	0,280	-0,001	0,009	0,059	FALSE
-0,084	0,288	-0,001	0,007	0,075	FALSE
-0,048	0,288	-0,001	0,007	0,039	FALSE
-0,052	0,281	-0,002	0,009	0,112	FALSE
0,020	0,289	0,000	0,006	0,017	FALSE
0,072	0,288	0,002	0,007	0,090	FALSE
-0,058	0,285	-0,001	0,008	0,033	FALSE
-0,103	0,291	-0,004	0,012	0,152	FALSE
-0,017	0,310	0,000	0,013	0,007	FALSE
-0,008	0,303	0,000	0,012	0,006	FALSE
-0,186	0,276	-0,006	0,010	0,250	FALSE
-0,086	0,300	-0,002	0,013	0,067	FALSE
0,073	0,284	0,002	0,009	0,088	FALSE
0,088	0,293	0,001	0,009	0,039	FALSE
-0,219	0,266	-0,009	0,013	0,302	FALSE
-0,180	0,288	-0,007	0,012	0,236	FALSE
0,071	0,293	0,002	0,007	0,090	FALSE
0,036	0,296	0,001	0,007	0,026	FALSE
0,132	0,286	0,003	0,013	0,095	FALSE
0,058	0,295	0,002	0,007	0,134	FALSE
-0,038	0,289	-0,001	0,008	0,028	FALSE
0,044	0,301	0,001	0,010	0,046	FALSE
-0,007	0,295	-0,001	0,007	0,051	FALSE
-0,074	0,300	-0,001	0,007	0,039	FALSE
0,061	0,291	0,002	0,012	0,062	FALSE
-0,033	0,303	-0,001	0,007	0,057	FALSE
0,018	0,293	0,001	0,009	0,021	FALSE
0,058	0,303	0,004	0,013	0,121	FALSE
-0,065	0,291	-0,002	0,006	0,090	FALSE
-0,092	0,287	-0,003	0,009	0,163	FALSE
-0,081	0,286	-0,001	0,006	0,073	FALSE
0,032	0,273	0,001	0,008	0,054	FALSE
0,082	0,292	0,002	0,009	0,087	FALSE
-0,047	0,307	-0,002	0,008	0,068	FALSE
-0,054	0,304	-0,001	0,007	0,057	FALSE
-0,072	0,283	-0,002	0,008	0,083	FALSE
-0,035	0,294	-0,001	0,009	0,026	FALSE
-0,085	0,277	-0,003	0,010	0,127	FALSE
-0,075	0,299	-0,002	0,007	0,101	FALSE
0,160	0,299	0,005	0,008	0,260	FALSE

0,174	0,286	0,007	0,010	0,327	FALSE
0,204	0,291	0,005	0,009	0,275	FALSE
-0,129	0,287	-0,004	0,006	0,256	FALSE
0,088	0,289	0,003	0,008	0,142	FALSE
0,028	0,298	0,001	0,013	0,022	FALSE
0,002	0,281	0,000	0,010	0,009	FALSE
0,020	0,290	0,001	0,007	0,027	FALSE
0,050	0,297	0,000	0,009	0,010	FALSE
0,000	0,296	-0,001	0,011	0,031	FALSE
-0,019	0,284	0,000	0,009	0,016	FALSE
-0,045	0,297	-0,001	0,007	0,048	FALSE
0,117	0,291	0,001	0,008	0,066	FALSE
0,179	0,276	0,007	0,013	0,234	FALSE
-0,254	0,271	-0,011	0,013	0,400	FALSE
-0,054	0,280	-0,003	0,010	0,105	FALSE
-0,023	0,302	-0,001	0,008	0,051	FALSE
-0,016	0,290	-0,001	0,008	0,048	FALSE
0,003	0,296	-0,001	0,013	0,022	FALSE
0,008	0,294	0,001	0,009	0,038	FALSE
-0,010	0,297	0,001	0,010	0,024	FALSE
-0,156	0,274	-0,004	0,009	0,174	FALSE
0,185	0,287	0,005	0,007	0,262	FALSE
-0,055	0,294	-0,002	0,007	0,083	FALSE
-0,029	0,303	-0,001	0,013	0,024	FALSE
0,081	0,282	0,005	0,011	0,171	FALSE
0,041	0,298	0,001	0,006	0,041	FALSE
-0,089	0,289	-0,003	0,009	0,125	FALSE
-0,029	0,284	0,000	0,008	0,010	FALSE
-0,010	0,293	0,001	0,012	0,041	FALSE
0,029	0,290	0,003	0,013	0,097	FALSE
0,035	0,287	0,004	0,012	0,117	FALSE
0,076	0,295	0,003	0,012	0,108	FALSE
0,025	0,292	0,003	0,012	0,105	FALSE
0,119	0,294	0,005	0,009	0,261	FALSE
-0,044	0,279	0,000	0,006	0,024	FALSE
-0,046	0,302	-0,001	0,007	0,063	FALSE
0,038	0,303	0,001	0,009	0,022	FALSE
-0,196	0,296	-0,005	0,009	0,238	FALSE
0,118	0,285	0,003	0,011	0,092	FALSE
0,047	0,298	0,002	0,012	0,054	FALSE
-0,003	0,288	0,001	0,009	0,023	FALSE
0,045	0,307	0,002	0,012	0,052	FALSE
0,044	0,283	0,002	0,012	0,052	FALSE
0,111	0,295	0,004	0,010	0,147	FALSE
-0,021	0,288	-0,002	0,011	0,082	FALSE
-0,089	0,294	-0,004	0,013	0,137	FALSE
0,090	0,299	0,002	0,009	0,089	FALSE
0,155	0,275	0,003	0,007	0,182	FALSE
-0,077	0,289	-0,002	0,011	0,070	FALSE
0,112	0,297	0,004	0,009	0,191	FALSE
-0,177	0,279	-0,007	0,010	0,349	FALSE
0,009	0,305	0,002	0,012	0,060	FALSE
-0,036	0,291	0,001	0,012	0,044	FALSE

0,060	0,284	0,002	0,011	0,079	FALSE
-0,045	0,288	-0,001	0,009	0,049	FALSE
-0,012	0,287	-0,001	0,011	0,039	FALSE
0,180	0,275	0,006	0,012	0,216	FALSE
-0,130	0,301	-0,005	0,010	0,180	FALSE
0,038	0,289	0,000	0,008	0,011	FALSE
-0,125	0,294	-0,003	0,012	0,103	FALSE
-0,116	0,287	-0,003	0,011	0,090	FALSE
-0,092	0,283	-0,002	0,008	0,074	FALSE
-0,042	0,285	0,001	0,011	0,017	FALSE
0,017	0,298	-0,001	0,008	0,028	FALSE
-0,021	0,294	0,000	0,010	0,014	FALSE
0,044	0,289	0,001	0,008	0,060	FALSE
-0,080	0,282	-0,001	0,007	0,070	FALSE
-0,057	0,297	-0,001	0,012	0,026	FALSE
-0,005	0,286	-0,001	0,008	0,023	FALSE
-0,118	0,300	-0,004	0,013	0,135	FALSE
0,122	0,280	0,006	0,011	0,209	FALSE
-0,179	0,274	-0,005	0,010	0,233	FALSE
-0,021	0,293	-0,002	0,013	0,062	FALSE
-0,026	0,294	-0,003	0,013	0,079	FALSE
-0,022	0,294	-0,001	0,013	0,017	FALSE
-0,043	0,279	-0,001	0,009	0,035	FALSE
0,030	0,290	0,001	0,011	0,043	FALSE
0,050	0,276	0,002	0,007	0,089	FALSE
0,063	0,283	0,003	0,011	0,092	FALSE
0,081	0,288	0,003	0,011	0,119	FALSE
-0,046	0,290	-0,001	0,010	0,026	FALSE
-0,141	0,279	-0,004	0,009	0,189	FALSE
0,058	0,271	0,004	0,010	0,173	FALSE
-0,032	0,291	-0,002	0,008	0,076	FALSE
-0,004	0,305	0,001	0,007	0,038	FALSE
0,134	0,284	0,007	0,012	0,224	FALSE
0,142	0,291	0,007	0,012	0,270	FALSE
0,047	0,272	0,002	0,007	0,142	FALSE
-0,104	0,288	-0,003	0,007	0,138	FALSE
-0,083	0,283	-0,002	0,007	0,109	FALSE
0,110	0,284	0,004	0,009	0,178	FALSE
-0,072	0,290	-0,002	0,008	0,107	FALSE
0,102	0,283	0,006	0,012	0,207	FALSE
0,103	0,289	0,008	0,012	0,271	FALSE
-0,010	0,300	-0,001	0,007	0,037	FALSE
-0,031	0,288	-0,001	0,006	0,058	FALSE
-0,036	0,292	0,000	0,007	0,017	FALSE
-0,011	0,284	-0,001	0,012	0,035	FALSE
-0,018	0,286	-0,001	0,013	0,022	FALSE
0,025	0,288	0,001	0,012	0,022	FALSE
0,189	0,286	0,004	0,007	0,232	FALSE
-0,095	0,279	-0,004	0,012	0,145	FALSE
-0,078	0,300	-0,001	0,007	0,083	FALSE
0,098	0,288	0,001	0,011	0,045	FALSE
-0,073	0,290	-0,001	0,007	0,078	FALSE
-0,106	0,274	-0,002	0,007	0,147	FALSE

-0,124	0,273	-0,003	0,012	0,089	FALSE
0,031	0,277	0,001	0,012	0,046	FALSE
0,035	0,297	0,000	0,009	0,004	FALSE
0,034	0,294	0,001	0,008	0,045	FALSE
-0,069	0,285	-0,001	0,007	0,063	FALSE
0,047	0,294	0,000	0,010	0,001	FALSE
0,012	0,288	0,001	0,010	0,029	FALSE
-0,081	0,289	-0,002	0,007	0,118	FALSE
-0,037	0,287	0,000	0,010	0,012	FALSE
0,045	0,304	0,003	0,011	0,094	FALSE
-0,062	0,285	0,000	0,007	0,021	FALSE
0,241	0,272	0,006	0,007	0,404	FALSE
-0,072	0,310	-0,001	0,011	0,041	FALSE
-0,057	0,296	-0,001	0,011	0,036	FALSE
-0,033	0,295	-0,001	0,007	0,064	FALSE
0,070	0,300	0,002	0,008	0,078	FALSE
0,063	0,302	0,001	0,007	0,053	FALSE
0,165	0,287	0,007	0,013	0,219	FALSE
-0,131	0,277	-0,005	0,012	0,155	FALSE
0,036	0,284	0,004	0,013	0,112	FALSE
0,117	0,288	0,004	0,008	0,184	FALSE
0,034	0,285	0,001	0,008	0,042	FALSE
-0,108	0,295	-0,003	0,009	0,148	FALSE
-0,014	0,279	-0,002	0,009	0,069	FALSE
0,004	0,295	0,000	0,007	0,018	FALSE
0,011	0,300	0,001	0,009	0,033	FALSE
0,175	0,288	0,007	0,011	0,289	FALSE
-0,128	0,287	-0,003	0,007	0,146	FALSE
0,050	0,284	0,000	0,009	0,002	FALSE
0,111	0,280	0,003	0,011	0,088	FALSE
0,054	0,290	0,001	0,012	0,027	FALSE
0,019	0,292	0,002	0,012	0,070	FALSE
0,023	0,289	0,002	0,013	0,072	FALSE
0,120	0,290	0,003	0,013	0,092	FALSE
-0,004	0,286	-0,001	0,008	0,048	FALSE
0,041	0,291	0,001	0,009	0,044	FALSE
-0,026	0,293	-0,002	0,013	0,050	FALSE
-0,050	0,289	-0,001	0,007	0,038	FALSE
-0,004	0,295	0,000	0,010	0,003	FALSE
0,003	0,295	-0,002	0,013	0,044	FALSE
0,062	0,291	0,003	0,012	0,105	FALSE
0,030	0,284	0,002	0,012	0,064	FALSE
0,003	0,286	0,001	0,012	0,045	FALSE
0,052	0,293	0,003	0,012	0,094	FALSE
0,073	0,283	0,001	0,010	0,047	FALSE
-0,013	0,277	0,001	0,012	0,033	FALSE
0,006	0,301	0,002	0,014	0,060	FALSE
0,088	0,295	0,003	0,012	0,097	FALSE
0,055	0,290	0,001	0,013	0,037	FALSE
0,047	0,283	0,000	0,006	0,008	FALSE
-0,040	0,295	-0,001	0,008	0,030	FALSE
-0,097	0,290	-0,004	0,012	0,132	FALSE
-0,098	0,279	-0,003	0,009	0,124	FALSE

-0,044	0,278	-0,002	0,006	0,128	FALSE
-0,019	0,294	0,000	0,008	0,009	FALSE
0,056	0,289	0,005	0,013	0,156	FALSE
0,040	0,287	-0,001	0,012	0,014	FALSE
0,044	0,286	0,003	0,008	0,128	FALSE
-0,005	0,299	0,000	0,012	0,002	FALSE
-0,016	0,296	-0,001	0,010	0,039	FALSE
0,064	0,291	0,002	0,007	0,078	FALSE
-0,014	0,291	-0,002	0,012	0,054	FALSE
0,128	0,292	0,003	0,009	0,134	FALSE
0,114	0,287	0,003	0,007	0,195	FALSE
-0,042	0,292	-0,002	0,011	0,085	FALSE
-0,011	0,299	0,001	0,010	0,017	FALSE
-0,011	0,293	0,000	0,009	0,016	FALSE
0,009	0,282	-0,001	0,010	0,027	FALSE
-0,109	0,287	-0,003	0,010	0,116	FALSE
-0,039	0,299	-0,001	0,011	0,042	FALSE
-0,035	0,294	0,000	0,010	0,003	FALSE
0,035	0,287	0,000	0,008	0,013	FALSE
0,024	0,305	0,001	0,008	0,030	FALSE
-0,003	0,300	0,001	0,007	0,036	FALSE
0,018	0,296	0,001	0,012	0,039	FALSE
0,140	0,278	0,004	0,008	0,216	FALSE
-0,023	0,303	-0,002	0,009	0,078	FALSE
-0,015	0,296	-0,001	0,008	0,040	FALSE
-0,163	0,279	-0,003	0,007	0,202	FALSE
-0,041	0,287	-0,002	0,010	0,059	FALSE
0,033	0,305	0,000	0,010	0,012	FALSE
0,022	0,297	0,000	0,011	0,013	FALSE
0,016	0,284	-0,001	0,008	0,042	FALSE
0,014	0,279	0,000	0,012	0,006	FALSE
-0,028	0,289	-0,002	0,010	0,084	FALSE
0,049	0,264	-0,001	0,011	0,034	FALSE
-0,021	0,290	-0,001	0,009	0,044	FALSE
0,097	0,279	0,004	0,008	0,222	FALSE
-0,122	0,287	-0,003	0,008	0,181	FALSE
0,021	0,287	0,000	0,009	0,002	FALSE
-0,099	0,290	-0,002	0,007	0,135	FALSE
0,005	0,295	-0,001	0,012	0,015	FALSE
-0,036	0,297	-0,001	0,009	0,048	FALSE
-0,098	0,307	-0,004	0,013	0,121	FALSE
-0,078	0,294	-0,002	0,009	0,078	FALSE
0,106	0,285	0,004	0,009	0,193	FALSE
0,119	0,294	0,005	0,009	0,216	FALSE
0,046	0,293	0,002	0,013	0,059	FALSE
0,003	0,297	0,001	0,007	0,029	FALSE
0,035	0,291	0,001	0,007	0,054	FALSE
0,104	0,294	0,004	0,010	0,170	FALSE
-0,145	0,287	-0,004	0,007	0,240	FALSE
-0,183	0,280	-0,005	0,007	0,306	FALSE
-0,060	0,308	-0,002	0,008	0,106	FALSE
-0,042	0,291	-0,002	0,008	0,072	TRUE
-0,093	0,295	-0,004	0,011	0,132	FALSE

-0,103	0,283	-0,004	0,011	0,149	FALSE
-0,008	0,285	-0,001	0,009	0,023	FALSE
-0,055	0,304	-0,001	0,008	0,071	FALSE
0,162	0,306	0,003	0,006	0,181	FALSE
-0,122	0,295	-0,004	0,009	0,167	FALSE
-0,001	0,289	-0,001	0,010	0,033	FALSE
0,231	0,277	0,010	0,013	0,345	FALSE
0,044	0,285	0,002	0,007	0,123	FALSE
0,025	0,293	0,000	0,010	0,012	FALSE
-0,018	0,281	-0,002	0,009	0,086	FALSE
0,034	0,305	0,000	0,011	0,004	FALSE
-0,060	0,291	-0,001	0,010	0,054	FALSE
-0,036	0,286	0,000	0,008	0,008	FALSE
0,043	0,293	0,001	0,009	0,056	FALSE
-0,091	0,299	-0,004	0,011	0,127	FALSE
0,163	0,292	0,004	0,009	0,165	FALSE
0,009	0,289	-0,001	0,007	0,038	FALSE
-0,117	0,283	-0,003	0,013	0,084	FALSE
-0,211	0,277	-0,008	0,011	0,330	FALSE
-0,071	0,309	-0,003	0,010	0,102	FALSE
-0,019	0,286	0,000	0,006	0,026	FALSE
0,001	0,275	0,000	0,011	0,010	FALSE
0,008	0,280	0,001	0,007	0,048	FALSE
0,028	0,275	0,001	0,011	0,038	FALSE
0,075	0,285	0,002	0,009	0,103	FALSE
0,056	0,280	0,002	0,009	0,071	FALSE
0,017	0,289	0,000	0,007	0,019	FALSE
0,147	0,283	0,004	0,008	0,184	FALSE
-0,087	0,293	-0,004	0,010	0,177	FALSE
0,153	0,286	0,003	0,008	0,143	FALSE
0,116	0,291	0,004	0,010	0,162	FALSE
0,064	0,282	0,001	0,008	0,048	FALSE
0,049	0,297	0,001	0,008	0,041	FALSE
-0,053	0,288	-0,001	0,011	0,040	FALSE
0,014	0,286	0,002	0,009	0,095	FALSE
-0,124	0,290	-0,005	0,012	0,161	FALSE
0,020	0,293	0,000	0,008	0,001	FALSE
0,009	0,296	0,000	0,009	0,002	FALSE
0,066	0,294	0,002	0,008	0,069	FALSE
-0,027	0,293	-0,003	0,013	0,094	FALSE
-0,058	0,288	0,000	0,007	0,001	FALSE
-0,245	0,272	-0,009	0,011	0,377	FALSE
0,086	0,290	0,005	0,010	0,191	FALSE
-0,152	0,290	-0,007	0,010	0,297	FALSE
0,024	0,296	0,001	0,007	0,034	FALSE
0,051	0,292	0,001	0,007	0,075	FALSE
-0,018	0,302	0,000	0,007	0,024	FALSE
-0,147	0,280	-0,003	0,008	0,150	FALSE
-0,012	0,297	-0,001	0,012	0,016	FALSE
-0,034	0,290	0,000	0,006	0,024	FALSE
-0,058	0,275	-0,001	0,007	0,074	FALSE
0,023	0,288	0,000	0,006	0,004	FALSE
-0,073	0,288	-0,002	0,008	0,074	FALSE

-0,073	0,271	-0,002	0,008	0,079	FALSE
0,132	0,297	0,004	0,010	0,135	FALSE
-0,048	0,299	-0,003	0,013	0,072	FALSE
-0,059	0,295	-0,004	0,010	0,140	FALSE
-0,110	0,305	-0,004	0,011	0,137	FALSE
0,040	0,301	0,000	0,007	0,019	FALSE
0,026	0,292	-0,001	0,007	0,043	FALSE
-0,039	0,298	-0,002	0,009	0,097	FALSE
-0,006	0,294	0,000	0,007	0,014	FALSE
-0,023	0,302	-0,002	0,011	0,069	FALSE
0,078	0,292	0,001	0,010	0,049	FALSE
-0,085	0,295	-0,002	0,009	0,066	FALSE
-0,094	0,277	-0,002	0,012	0,047	FALSE
-0,087	0,292	-0,002	0,009	0,066	FALSE
0,096	0,307	0,002	0,007	0,115	FALSE
-0,005	0,285	-0,001	0,012	0,023	FALSE
-0,052	0,301	-0,002	0,007	0,134	FALSE
0,173	0,295	0,003	0,008	0,177	FALSE
0,117	0,280	0,003	0,012	0,106	FALSE
0,121	0,282	0,004	0,012	0,127	FALSE
-0,086	0,275	0,000	0,013	0,011	FALSE
-0,007	0,294	-0,003	0,010	0,103	FALSE
0,007	0,301	-0,002	0,010	0,080	FALSE
-0,038	0,287	-0,003	0,011	0,129	FALSE
0,038	0,276	0,001	0,006	0,078	FALSE
0,011	0,288	0,001	0,008	0,053	FALSE
0,165	0,284	0,007	0,009	0,318	FALSE
0,073	0,292	0,003	0,008	0,134	FALSE
-0,017	0,285	0,000	0,012	0,008	FALSE
-0,016	0,294	-0,003	0,013	0,090	FALSE
0,011	0,291	0,001	0,011	0,031	FALSE
-0,142	0,301	-0,003	0,007	0,161	FALSE
-0,038	0,294	-0,001	0,007	0,062	FALSE
-0,012	0,282	-0,002	0,007	0,079	FALSE
-0,013	0,298	-0,001	0,013	0,038	FALSE
0,037	0,293	0,002	0,012	0,076	FALSE
0,145	0,281	0,007	0,013	0,228	FALSE
0,002	0,275	-0,003	0,010	0,113	FALSE
0,058	0,288	0,002	0,009	0,066	FALSE
0,003	0,272	-0,001	0,008	0,029	FALSE
-0,017	0,303	0,000	0,007	0,025	FALSE
0,053	0,305	0,001	0,007	0,056	FALSE
0,039	0,300	0,000	0,011	0,005	FALSE
0,020	0,302	0,001	0,011	0,026	FALSE
-0,189	0,302	-0,007	0,011	0,274	FALSE
-0,010	0,287	0,000	0,007	0,005	FALSE
0,050	0,299	0,000	0,007	0,001	FALSE
-0,113	0,280	-0,002	0,007	0,126	FALSE
-0,103	0,280	-0,002	0,007	0,102	FALSE
-0,005	0,292	0,000	0,012	0,004	FALSE
0,148	0,281	0,005	0,010	0,187	FALSE
0,012	0,300	0,000	0,007	0,011	FALSE
0,243	0,276	0,009	0,012	0,329	FALSE

0,137	0,291	0,007	0,013	0,239	FALSE
-0,030	0,283	-0,001	0,008	0,025	FALSE
0,087	0,293	0,002	0,010	0,075	FALSE
0,076	0,301	0,005	0,014	0,131	FALSE
0,122	0,297	0,002	0,007	0,145	FALSE
0,077	0,287	0,001	0,010	0,036	FALSE
0,047	0,285	0,001	0,010	0,044	FALSE
0,142	0,285	0,002	0,007	0,095	FALSE
-0,085	0,285	-0,001	0,006	0,071	FALSE
0,081	0,291	0,003	0,013	0,090	FALSE
0,092	0,304	0,004	0,011	0,129	FALSE
-0,015	0,295	-0,001	0,010	0,020	FALSE
-0,139	0,295	-0,005	0,011	0,215	FALSE
-0,084	0,294	-0,004	0,011	0,144	FALSE
0,121	0,296	0,003	0,008	0,132	FALSE
-0,047	0,289	-0,001	0,012	0,016	FALSE
0,005	0,306	0,001	0,012	0,024	FALSE
0,007	0,279	-0,001	0,011	0,042	FALSE
0,026	0,305	-0,001	0,008	0,028	FALSE
0,042	0,276	0,000	0,008	0,007	FALSE
-0,131	0,282	-0,004	0,011	0,157	FALSE
-0,103	0,293	-0,004	0,011	0,137	FALSE
0,079	0,284	0,002	0,009	0,077	FALSE
-0,039	0,293	-0,001	0,008	0,053	FALSE
-0,029	0,291	0,001	0,013	0,043	FALSE
0,064	0,295	0,003	0,010	0,096	FALSE
-0,130	0,285	-0,001	0,006	0,089	FALSE
0,015	0,292	0,001	0,009	0,047	FALSE
-0,038	0,283	-0,003	0,010	0,136	FALSE
0,078	0,280	0,001	0,009	0,051	FALSE
-0,061	0,283	-0,002	0,007	0,096	FALSE
0,023	0,279	0,001	0,008	0,058	FALSE
0,075	0,286	0,003	0,008	0,119	FALSE
0,105	0,299	0,002	0,008	0,108	FALSE
-0,192	0,279	-0,005	0,008	0,258	FALSE
-0,054	0,282	-0,003	0,012	0,105	FALSE
-0,109	0,290	-0,003	0,008	0,145	FALSE
-0,125	0,294	-0,004	0,013	0,124	FALSE
0,062	0,308	0,001	0,006	0,039	FALSE
0,000	0,287	0,001	0,008	0,040	FALSE
0,066	0,283	0,004	0,010	0,156	FALSE
0,060	0,288	0,001	0,007	0,076	FALSE
0,045	0,299	0,000	0,013	0,010	FALSE
-0,065	0,291	-0,002	0,007	0,096	FALSE
0,005	0,296	0,000	0,012	0,001	FALSE
-0,036	0,283	-0,002	0,012	0,052	FALSE
0,047	0,280	0,000	0,006	0,010	FALSE
-0,037	0,287	-0,001	0,012	0,039	FALSE
-0,050	0,295	-0,002	0,008	0,079	FALSE
-0,057	0,283	-0,001	0,012	0,032	FALSE
-0,010	0,288	-0,001	0,007	0,054	FALSE
-0,070	0,293	-0,001	0,012	0,044	FALSE
0,115	0,285	0,003	0,009	0,107	FALSE

0,130	0,292	0,004	0,012	0,136	FALSE
-0,025	0,282	-0,002	0,009	0,099	FALSE
-0,072	0,299	-0,002	0,008	0,078	FALSE
0,004	0,274	-0,002	0,009	0,072	FALSE
0,109	0,285	0,004	0,010	0,182	FALSE
-0,063	0,283	-0,003	0,013	0,092	FALSE
0,096	0,301	0,003	0,009	0,127	FALSE
-0,097	0,294	-0,003	0,007	0,150	FALSE
-0,039	0,284	0,000	0,008	0,012	FALSE
0,006	0,282	0,000	0,006	0,012	FALSE
0,056	0,298	0,001	0,007	0,068	FALSE
0,031	0,302	0,001	0,007	0,036	FALSE
0,131	0,273	0,005	0,007	0,307	FALSE
0,015	0,270	0,003	0,011	0,107	FALSE
-0,004	0,307	-0,001	0,012	0,018	FALSE
-0,082	0,298	-0,002	0,008	0,085	FALSE
0,156	0,284	0,004	0,010	0,158	FALSE
-0,112	0,298	-0,005	0,011	0,194	FALSE
0,012	0,304	0,000	0,008	0,007	FALSE
-0,065	0,293	-0,002	0,010	0,073	FALSE
-0,125	0,287	-0,004	0,011	0,158	FALSE
0,106	0,287	0,006	0,013	0,185	FALSE
-0,022	0,289	-0,001	0,010	0,044	FALSE
-0,035	0,281	-0,002	0,007	0,099	FALSE
-0,055	0,287	-0,001	0,006	0,043	FALSE
0,128	0,284	0,003	0,006	0,241	FALSE
0,089	0,295	0,004	0,012	0,117	FALSE
0,007	0,294	0,001	0,007	0,040	FALSE
0,090	0,282	0,002	0,013	0,052	FALSE
0,114	0,281	0,005	0,013	0,159	FALSE
0,058	0,279	0,001	0,006	0,074	FALSE
-0,018	0,290	-0,001	0,010	0,034	FALSE
-0,097	0,281	-0,002	0,010	0,095	FALSE
0,004	0,284	0,000	0,012	0,007	FALSE
0,091	0,290	0,003	0,012	0,108	FALSE
0,013	0,286	0,000	0,007	0,004	FALSE
-0,023	0,286	0,000	0,010	0,016	FALSE
-0,066	0,302	-0,002	0,011	0,072	FALSE
0,034	0,283	0,000	0,006	0,021	FALSE
-0,051	0,282	-0,002	0,007	0,099	FALSE
-0,009	0,285	0,000	0,012	0,004	FALSE
-0,068	0,290	-0,003	0,013	0,103	FALSE
-0,093	0,278	-0,006	0,012	0,187	FALSE
0,088	0,289	0,001	0,008	0,066	FALSE
0,039	0,298	0,002	0,008	0,120	FALSE
-0,028	0,288	-0,003	0,012	0,107	FALSE
-0,058	0,289	-0,001	0,008	0,028	FALSE
-0,136	0,286	-0,006	0,012	0,219	FALSE
-0,043	0,297	0,000	0,007	0,024	FALSE
-0,090	0,281	-0,003	0,010	0,134	FALSE
-0,141	0,286	-0,002	0,007	0,124	FALSE
0,065	0,296	0,002	0,007	0,079	FALSE
-0,023	0,310	-0,001	0,013	0,026	FALSE

-0,070	0,302	-0,003	0,011	0,121	FALSE
-0,147	0,290	-0,008	0,013	0,265	FALSE
0,052	0,302	0,003	0,011	0,092	FALSE
0,143	0,285	0,004	0,010	0,184	FALSE
0,013	0,279	0,001	0,007	0,036	FALSE
-0,141	0,287	-0,004	0,013	0,115	FALSE
-0,124	0,272	-0,002	0,012	0,075	FALSE
-0,015	0,284	0,001	0,008	0,026	FALSE
-0,115	0,284	-0,004	0,010	0,147	FALSE
0,071	0,293	0,002	0,009	0,103	FALSE
0,004	0,289	-0,001	0,011	0,024	FALSE
0,009	0,293	0,001	0,009	0,021	FALSE
0,000	0,279	0,000	0,007	0,001	FALSE
0,204	0,297	0,004	0,006	0,243	FALSE
0,093	0,283	0,001	0,008	0,054	FALSE
0,096	0,293	0,001	0,008	0,063	FALSE
-0,161	0,285	-0,004	0,007	0,219	FALSE
0,046	0,305	0,000	0,007	0,023	FALSE
0,132	0,293	0,002	0,007	0,143	FALSE
-0,036	0,305	0,000	0,008	0,014	FALSE
0,142	0,284	0,006	0,012	0,210	FALSE
0,046	0,289	0,000	0,011	0,003	FALSE
0,053	0,288	0,001	0,007	0,049	FALSE
-0,058	0,301	0,000	0,007	0,015	FALSE
0,087	0,284	0,002	0,013	0,054	FALSE
0,065	0,281	0,001	0,013	0,035	FALSE
-0,131	0,273	-0,003	0,007	0,162	FALSE
0,127	0,291	0,003	0,008	0,137	FALSE
0,057	0,292	0,001	0,007	0,055	FALSE
-0,099	0,286	-0,003	0,009	0,162	FALSE
-0,110	0,305	-0,003	0,012	0,086	FALSE
-0,031	0,294	-0,001	0,010	0,024	FALSE
-0,074	0,281	-0,003	0,008	0,148	FALSE
0,168	0,292	0,005	0,010	0,187	FALSE
-0,013	0,292	0,000	0,007	0,022	FALSE
0,161	0,285	0,004	0,011	0,173	FALSE
0,083	0,278	0,003	0,008	0,186	FALSE
-0,041	0,282	0,000	0,011	0,014	FALSE
0,101	0,278	0,002	0,010	0,082	FALSE
0,103	0,282	0,002	0,010	0,081	FALSE
0,118	0,286	0,002	0,007	0,128	FALSE
0,114	0,283	0,003	0,009	0,112	FALSE
0,186	0,285	0,007	0,012	0,259	FALSE
0,193	0,285	0,007	0,012	0,261	FALSE
0,178	0,281	0,009	0,013	0,291	TRUE
0,180	0,284	0,005	0,009	0,214	FALSE
-0,153	0,284	-0,006	0,013	0,180	FALSE
-0,147	0,293	-0,005	0,013	0,166	FALSE
0,025	0,277	0,000	0,006	0,029	FALSE
0,108	0,293	0,002	0,008	0,103	FALSE
0,127	0,281	0,006	0,012	0,210	FALSE
0,031	0,293	0,000	0,007	0,007	FALSE
-0,078	0,287	-0,003	0,008	0,129	FALSE

-0,142	0,292	-0,003	0,009	0,148	FALSE
-0,030	0,300	-0,001	0,013	0,035	FALSE
-0,059	0,290	0,000	0,009	0,016	FALSE
0,102	0,298	0,003	0,011	0,099	FALSE
-0,031	0,296	-0,003	0,012	0,103	FALSE
-0,076	0,297	-0,003	0,009	0,131	FALSE
0,155	0,288	0,006	0,009	0,320	FALSE
0,065	0,291	0,002	0,008	0,081	FALSE
-0,133	0,285	-0,003	0,007	0,167	FALSE
-0,046	0,306	-0,002	0,007	0,096	FALSE
-0,135	0,296	-0,005	0,013	0,153	FALSE
-0,193	0,296	-0,007	0,013	0,243	FALSE
-0,104	0,293	-0,004	0,010	0,143	FALSE
0,031	0,283	0,003	0,011	0,109	FALSE
-0,036	0,274	-0,001	0,008	0,043	FALSE
0,060	0,280	0,002	0,007	0,121	FALSE
0,027	0,298	0,002	0,008	0,096	FALSE
0,033	0,282	0,002	0,007	0,110	FALSE
0,058	0,293	0,001	0,007	0,036	FALSE
0,080	0,278	0,005	0,010	0,204	FALSE
-0,005	0,280	0,001	0,009	0,056	FALSE
0,069	0,288	0,000	0,009	0,017	FALSE
0,066	0,270	0,001	0,011	0,035	FALSE
-0,003	0,289	0,001	0,007	0,043	FALSE
0,029	0,292	0,001	0,007	0,029	FALSE
-0,011	0,295	-0,001	0,008	0,047	FALSE
-0,105	0,284	-0,003	0,009	0,117	FALSE
-0,099	0,271	-0,002	0,008	0,082	FALSE
-0,120	0,283	-0,005	0,009	0,229	FALSE
-0,057	0,288	-0,003	0,011	0,086	FALSE
0,085	0,295	0,001	0,009	0,055	FALSE
0,107	0,289	0,002	0,008	0,092	FALSE
-0,037	0,298	-0,003	0,012	0,079	FALSE
0,023	0,300	0,000	0,012	0,002	FALSE
-0,008	0,284	-0,001	0,007	0,033	FALSE
-0,060	0,294	-0,001	0,008	0,031	FALSE
-0,161	0,287	-0,003	0,013	0,104	FALSE
0,046	0,300	0,000	0,007	0,003	FALSE
0,128	0,283	0,005	0,010	0,232	FALSE
-0,016	0,284	0,000	0,009	0,001	FALSE
-0,089	0,281	-0,002	0,007	0,121	FALSE
-0,109	0,281	-0,003	0,007	0,146	FALSE
0,050	0,288	0,001	0,008	0,060	FALSE
-0,137	0,285	-0,003	0,010	0,097	FALSE
-0,033	0,290	-0,001	0,011	0,023	FALSE
-0,147	0,264	-0,003	0,012	0,083	FALSE
-0,037	0,302	-0,002	0,012	0,049	FALSE
0,012	0,299	0,002	0,009	0,063	FALSE
0,163	0,263	0,009	0,011	0,369	FALSE
0,116	0,263	0,007	0,011	0,289	FALSE
0,090	0,282	0,001	0,008	0,063	FALSE
-0,028	0,294	-0,002	0,011	0,068	FALSE
0,013	0,299	-0,001	0,008	0,027	FALSE

0,031	0,288	0,001	0,011	0,050	FALSE
0,052	0,291	0,001	0,013	0,014	FALSE
-0,118	0,279	-0,002	0,006	0,113	FALSE
-0,137	0,279	-0,003	0,009	0,132	FALSE
0,089	0,306	0,003	0,013	0,074	FALSE
0,035	0,295	0,001	0,008	0,026	FALSE
-0,006	0,288	0,000	0,013	0,005	FALSE
-0,012	0,283	0,001	0,012	0,017	FALSE
0,082	0,290	0,002	0,007	0,096	FALSE
-0,040	0,301	-0,001	0,007	0,047	FALSE
0,109	0,279	0,003	0,008	0,122	FALSE
0,028	0,294	-0,001	0,008	0,031	FALSE
0,037	0,280	0,000	0,012	0,002	FALSE
-0,039	0,283	-0,001	0,007	0,057	FALSE
0,030	0,272	0,003	0,012	0,092	FALSE
0,055	0,284	0,002	0,009	0,092	FALSE
0,024	0,287	-0,001	0,006	0,029	FALSE
-0,114	0,288	-0,003	0,012	0,092	FALSE
-0,142	0,287	-0,004	0,011	0,143	FALSE
0,083	0,284	0,003	0,012	0,087	FALSE
-0,008	0,304	-0,002	0,012	0,062	FALSE
0,051	0,277	0,002	0,012	0,048	FALSE
-0,056	0,289	0,000	0,007	0,026	FALSE
0,063	0,278	0,000	0,006	0,027	FALSE
0,050	0,288	0,001	0,007	0,059	FALSE
0,007	0,281	-0,001	0,008	0,036	FALSE
0,001	0,294	0,000	0,007	0,024	FALSE
-0,150	0,276	-0,004	0,008	0,208	FALSE
-0,083	0,297	-0,003	0,011	0,095	FALSE
0,025	0,298	0,000	0,011	0,011	FALSE
-0,021	0,286	0,000	0,006	0,006	FALSE
-0,166	0,291	-0,005	0,011	0,207	FALSE
-0,038	0,295	-0,002	0,011	0,065	FALSE
0,020	0,289	0,001	0,008	0,038	FALSE
-0,064	0,261	0,001	0,011	0,026	FALSE
0,086	0,289	0,003	0,010	0,138	FALSE
0,046	0,279	0,001	0,007	0,045	FALSE
-0,090	0,286	-0,003	0,006	0,202	FALSE
0,191	0,286	0,004	0,007	0,283	FALSE
-0,094	0,286	-0,003	0,008	0,119	FALSE
-0,073	0,289	-0,002	0,009	0,086	FALSE
-0,091	0,293	-0,003	0,009	0,103	FALSE
-0,052	0,289	-0,002	0,012	0,065	FALSE
0,036	0,289	0,000	0,012	0,009	FALSE
-0,056	0,294	-0,001	0,008	0,069	FALSE
0,020	0,288	0,003	0,010	0,103	FALSE
-0,080	0,290	-0,001	0,007	0,074	FALSE
0,067	0,285	0,002	0,006	0,112	FALSE
0,020	0,293	0,000	0,012	0,000	FALSE
-0,073	0,280	-0,002	0,012	0,054	FALSE
-0,024	0,298	-0,002	0,008	0,110	FALSE
0,114	0,269	0,002	0,011	0,073	FALSE
-0,099	0,286	-0,002	0,008	0,120	FALSE

-0,014	0,300	0,001	0,012	0,021	FALSE
-0,023	0,294	0,000	0,006	0,004	FALSE
-0,013	0,294	0,000	0,006	0,019	FALSE
-0,222	0,280	-0,007	0,010	0,290	FALSE
-0,092	0,285	-0,004	0,013	0,138	FALSE
-0,151	0,271	-0,007	0,012	0,251	FALSE
0,001	0,296	0,000	0,011	0,013	FALSE
-0,093	0,289	-0,004	0,012	0,140	FALSE
0,053	0,296	0,001	0,007	0,041	FALSE
0,071	0,298	0,005	0,013	0,144	FALSE
0,159	0,293	0,004	0,009	0,164	FALSE
0,019	0,292	0,002	0,012	0,075	FALSE
-0,139	0,293	-0,006	0,012	0,192	FALSE
0,117	0,284	0,003	0,009	0,124	FALSE
0,059	0,278	0,001	0,012	0,038	FALSE
-0,083	0,294	-0,003	0,013	0,089	FALSE
-0,138	0,301	-0,002	0,007	0,132	FALSE
-0,044	0,296	-0,001	0,013	0,031	FALSE
-0,100	0,303	-0,002	0,007	0,125	FALSE
-0,038	0,296	-0,002	0,011	0,060	FALSE
-0,031	0,291	0,000	0,009	0,004	FALSE
0,011	0,291	0,000	0,012	0,011	FALSE
-0,010	0,283	0,000	0,008	0,001	FALSE
0,123	0,285	0,002	0,008	0,107	FALSE
0,040	0,288	0,001	0,009	0,046	FALSE
0,048	0,291	0,000	0,008	0,000	FALSE
-0,097	0,287	-0,001	0,009	0,061	FALSE
-0,116	0,284	-0,002	0,008	0,074	FALSE
-0,138	0,281	-0,005	0,013	0,162	FALSE
0,165	0,281	0,004	0,006	0,239	FALSE
-0,041	0,290	0,001	0,010	0,019	FALSE
0,017	0,299	-0,001	0,013	0,022	FALSE
0,037	0,295	0,000	0,007	0,018	FALSE
0,074	0,292	0,001	0,008	0,055	FALSE
0,122	0,285	0,003	0,007	0,153	FALSE
0,071	0,285	0,001	0,008	0,045	FALSE
0,104	0,286	0,002	0,006	0,128	FALSE
0,108	0,286	0,002	0,009	0,088	FALSE
-0,071	0,292	-0,003	0,011	0,122	FALSE
-0,018	0,284	0,001	0,010	0,040	FALSE
-0,017	0,277	-0,003	0,009	0,106	FALSE
0,082	0,306	0,001	0,010	0,042	FALSE
-0,131	0,275	-0,004	0,009	0,166	FALSE
0,112	0,296	0,004	0,011	0,161	FALSE
0,061	0,296	0,002	0,012	0,046	FALSE
0,077	0,290	0,001	0,012	0,041	FALSE
0,234	0,277	0,011	0,012	0,416	FALSE
-0,175	0,281	-0,008	0,013	0,277	FALSE
0,150	0,293	0,002	0,006	0,098	FALSE
-0,076	0,279	-0,001	0,007	0,068	FALSE
-0,005	0,278	-0,001	0,007	0,037	FALSE
-0,024	0,282	-0,001	0,007	0,046	FALSE
0,021	0,280	0,001	0,012	0,028	FALSE

-0,079	0,278	-0,003	0,009	0,116	FALSE
0,078	0,305	0,003	0,011	0,106	FALSE
-0,140	0,279	-0,004	0,009	0,196	FALSE
0,031	0,286	0,000	0,012	0,014	FALSE
0,063	0,298	0,003	0,012	0,091	FALSE
0,034	0,283	0,002	0,011	0,052	FALSE
-0,066	0,296	-0,002	0,007	0,082	FALSE
0,106	0,276	0,003	0,010	0,113	FALSE
0,098	0,275	0,003	0,011	0,100	FALSE
0,113	0,288	0,003	0,011	0,104	FALSE
0,094	0,289	0,002	0,010	0,079	FALSE
-0,029	0,300	0,001	0,011	0,029	FALSE
0,173	0,287	0,006	0,013	0,193	FALSE
0,158	0,289	0,006	0,013	0,192	FALSE
0,183	0,280	0,007	0,013	0,240	FALSE
0,129	0,302	0,005	0,013	0,139	FALSE
-0,141	0,277	-0,002	0,007	0,142	FALSE
0,113	0,297	0,005	0,013	0,152	FALSE
0,160	0,288	0,006	0,013	0,197	FALSE
-0,128	0,290	-0,002	0,007	0,130	FALSE
-0,095	0,297	-0,003	0,013	0,101	FALSE
-0,099	0,286	-0,002	0,011	0,058	FALSE
-0,139	0,297	-0,002	0,007	0,137	FALSE
-0,183	0,269	-0,008	0,011	0,356	FALSE
-0,173	0,266	-0,008	0,012	0,304	FALSE
-0,053	0,273	-0,001	0,007	0,039	FALSE
-0,086	0,287	-0,002	0,008	0,084	FALSE
-0,030	0,306	0,000	0,007	0,012	FALSE
0,176	0,284	0,003	0,007	0,165	FALSE
0,036	0,272	0,000	0,010	0,006	FALSE
0,024	0,288	0,000	0,009	0,018	FALSE
-0,147	0,278	-0,003	0,009	0,142	FALSE
-0,072	0,297	-0,002	0,009	0,101	FALSE
0,058	0,293	0,001	0,007	0,040	FALSE
0,049	0,298	0,001	0,007	0,045	FALSE
-0,013	0,303	0,000	0,007	0,001	FALSE
-0,075	0,286	-0,001	0,012	0,041	FALSE
0,022	0,299	0,000	0,011	0,001	FALSE
0,148	0,288	0,005	0,011	0,176	FALSE
0,039	0,280	0,001	0,009	0,063	FALSE
-0,039	0,289	-0,001	0,009	0,031	FALSE
0,050	0,283	0,001	0,006	0,066	FALSE
-0,011	0,296	0,000	0,009	0,014	FALSE
-0,053	0,305	0,000	0,013	0,013	FALSE
0,020	0,294	0,000	0,010	0,000	FALSE
0,011	0,292	0,001	0,013	0,015	FALSE
-0,032	0,277	0,001	0,009	0,030	FALSE
-0,047	0,283	-0,001	0,011	0,036	FALSE
0,167	0,262	0,005	0,012	0,186	FALSE
-0,007	0,291	-0,001	0,008	0,048	FALSE
0,097	0,289	0,003	0,013	0,094	FALSE
0,098	0,285	0,002	0,013	0,053	FALSE
0,026	0,298	0,001	0,008	0,052	FALSE

-0,136	0,291	-0,004	0,010	0,178	FALSE
0,172	0,285	0,005	0,009	0,260	FALSE
-0,058	0,292	-0,001	0,008	0,066	FALSE
-0,035	0,290	0,000	0,008	0,009	FALSE
0,034	0,291	0,001	0,012	0,038	FALSE
0,040	0,296	0,002	0,008	0,120	FALSE
-0,068	0,291	-0,003	0,006	0,190	FALSE
-0,086	0,286	-0,003	0,006	0,217	FALSE
0,115	0,283	0,003	0,008	0,160	FALSE
0,079	0,285	0,004	0,012	0,151	FALSE
0,053	0,283	0,004	0,012	0,142	FALSE
-0,105	0,277	-0,005	0,011	0,168	FALSE
-0,029	0,285	-0,004	0,010	0,143	FALSE
-0,092	0,288	-0,001	0,011	0,038	FALSE
-0,039	0,278	0,000	0,007	0,015	FALSE
-0,049	0,298	-0,001	0,012	0,041	FALSE
0,061	0,284	0,000	0,007	0,023	FALSE
0,006	0,287	0,001	0,008	0,037	FALSE
0,089	0,293	0,001	0,008	0,050	FALSE
-0,088	0,290	-0,002	0,013	0,067	FALSE
-0,049	0,298	-0,001	0,012	0,044	FALSE
-0,113	0,285	-0,002	0,009	0,078	FALSE
0,069	0,280	0,003	0,012	0,097	FALSE
0,059	0,292	0,003	0,013	0,089	FALSE
0,147	0,286	0,005	0,012	0,188	FALSE
0,024	0,295	0,001	0,013	0,033	FALSE
0,027	0,293	0,001	0,013	0,016	FALSE
0,025	0,297	0,002	0,013	0,046	FALSE
0,039	0,301	0,000	0,012	0,002	FALSE
0,052	0,285	0,001	0,010	0,055	FALSE
-0,021	0,284	0,000	0,013	0,010	FALSE
-0,053	0,298	0,000	0,013	0,004	FALSE
-0,005	0,283	0,001	0,011	0,022	FALSE
0,055	0,287	-0,001	0,008	0,035	FALSE
0,044	0,286	0,000	0,010	0,001	FALSE
-0,039	0,273	0,000	0,008	0,014	FALSE
-0,165	0,285	-0,003	0,007	0,167	FALSE
-0,017	0,289	0,000	0,009	0,005	FALSE
-0,060	0,275	-0,002	0,008	0,106	FALSE
0,140	0,281	0,003	0,010	0,138	FALSE
-0,221	0,264	-0,004	0,008	0,230	FALSE
0,223	0,281	0,008	0,012	0,302	FALSE
0,070	0,290	0,002	0,006	0,099	FALSE
0,021	0,291	0,002	0,011	0,077	FALSE
0,027	0,312	0,001	0,010	0,024	FALSE
0,132	0,289	0,002	0,007	0,098	FALSE
0,001	0,294	0,000	0,007	0,007	FALSE
0,144	0,291	0,003	0,006	0,164	FALSE
0,134	0,291	0,003	0,006	0,208	FALSE
-0,023	0,303	-0,001	0,011	0,035	FALSE
-0,051	0,289	-0,002	0,010	0,061	FALSE
-0,045	0,296	0,000	0,009	0,007	FALSE
0,111	0,281	0,003	0,009	0,151	FALSE

0,100	0,294	0,003	0,008	0,127	FALSE
-0,151	0,289	-0,003	0,006	0,212	FALSE
0,044	0,283	0,002	0,012	0,068	FALSE
-0,219	0,277	-0,004	0,007	0,259	FALSE
-0,092	0,283	-0,002	0,007	0,130	FALSE
-0,056	0,285	-0,002	0,007	0,090	FALSE
-0,041	0,279	-0,001	0,007	0,059	FALSE
-0,156	0,282	-0,005	0,008	0,254	FALSE
0,037	0,305	0,002	0,013	0,046	FALSE
0,127	0,287	0,004	0,008	0,196	FALSE
0,001	0,288	0,000	0,012	0,008	FALSE
-0,071	0,287	0,000	0,007	0,025	FALSE
-0,007	0,285	0,000	0,012	0,010	FALSE
-0,102	0,280	-0,002	0,009	0,110	FALSE
-0,096	0,280	-0,003	0,009	0,139	FALSE
-0,058	0,282	-0,001	0,010	0,054	FALSE
-0,025	0,277	0,000	0,009	0,006	FALSE
0,244	0,275	0,010	0,011	0,406	FALSE
-0,125	0,278	-0,006	0,012	0,190	FALSE
-0,078	0,297	-0,003	0,012	0,100	FALSE
-0,112	0,284	-0,004	0,012	0,116	FALSE
-0,109	0,294	-0,003	0,008	0,162	FALSE
-0,098	0,284	-0,003	0,007	0,147	FALSE
0,034	0,292	0,001	0,013	0,017	FALSE
0,071	0,289	0,000	0,012	0,008	FALSE
-0,029	0,308	-0,002	0,012	0,058	FALSE
-0,014	0,300	-0,002	0,012	0,050	FALSE
-0,003	0,304	0,002	0,012	0,047	FALSE
0,065	0,290	0,002	0,009	0,076	FALSE
0,108	0,294	0,003	0,007	0,205	FALSE
0,033	0,293	0,000	0,009	0,012	FALSE
0,154	0,290	0,005	0,011	0,201	FALSE
-0,025	0,297	0,000	0,008	0,007	FALSE
0,174	0,292	0,003	0,007	0,162	FALSE
-0,029	0,293	-0,002	0,012	0,055	FALSE
-0,037	0,287	-0,002	0,006	0,119	FALSE
0,024	0,297	0,001	0,008	0,041	FALSE
-0,078	0,284	-0,002	0,006	0,130	FALSE
-0,039	0,307	-0,001	0,012	0,028	FALSE
-0,041	0,284	0,000	0,010	0,003	FALSE
-0,098	0,288	-0,003	0,007	0,179	FALSE
0,009	0,275	-0,001	0,007	0,079	FALSE
0,011	0,306	-0,001	0,008	0,047	FALSE
0,054	0,271	0,000	0,012	0,012	FALSE
0,182	0,272	0,006	0,009	0,269	FALSE
-0,092	0,292	-0,006	0,012	0,200	FALSE
-0,054	0,277	-0,004	0,011	0,136	FALSE
-0,056	0,299	-0,002	0,011	0,076	FALSE
0,021	0,301	0,001	0,007	0,060	FALSE
-0,146	0,283	-0,003	0,012	0,103	FALSE
-0,005	0,295	-0,001	0,007	0,032	FALSE
0,028	0,278	0,002	0,010	0,080	FALSE
0,110	0,302	0,005	0,013	0,149	FALSE

0,052	0,292	0,001	0,013	0,029	FALSE
0,015	0,283	0,001	0,007	0,054	FALSE
0,160	0,287	0,003	0,008	0,151	FALSE
-0,061	0,297	-0,002	0,009	0,097	FALSE
-0,063	0,313	-0,003	0,013	0,076	FALSE
-0,213	0,276	-0,004	0,007	0,237	FALSE
-0,041	0,285	0,000	0,012	0,010	FALSE
0,017	0,275	0,002	0,013	0,043	FALSE
-0,014	0,296	0,000	0,009	0,003	FALSE
-0,198	0,282	-0,005	0,007	0,278	FALSE
-0,177	0,273	-0,004	0,008	0,231	FALSE
-0,191	0,296	-0,007	0,012	0,255	FALSE
0,149	0,301	0,003	0,009	0,148	FALSE
-0,176	0,292	-0,006	0,013	0,191	FALSE
-0,131	0,292	-0,005	0,013	0,165	FALSE
-0,109	0,288	-0,001	0,006	0,077	FALSE
-0,123	0,283	-0,005	0,012	0,170	FALSE
-0,117	0,297	-0,004	0,012	0,155	FALSE
0,083	0,274	0,003	0,011	0,123	FALSE
0,025	0,295	0,001	0,012	0,030	FALSE
-0,014	0,300	-0,001	0,011	0,046	FALSE
-0,065	0,287	-0,002	0,007	0,109	FALSE
0,057	0,283	0,001	0,007	0,061	FALSE
0,154	0,282	0,003	0,006	0,189	FALSE
0,165	0,284	0,002	0,007	0,121	FALSE
-0,074	0,279	-0,001	0,007	0,035	FALSE
-0,070	0,281	-0,002	0,007	0,111	FALSE
0,106	0,290	0,003	0,010	0,108	FALSE
0,077	0,298	0,002	0,010	0,076	FALSE
-0,049	0,290	0,000	0,007	0,015	FALSE
-0,151	0,303	-0,005	0,014	0,145	FALSE
0,016	0,280	0,002	0,010	0,059	FALSE
0,036	0,271	0,002	0,010	0,067	FALSE
-0,140	0,296	-0,004	0,010	0,161	FALSE
-0,113	0,304	-0,003	0,010	0,120	FALSE
0,098	0,284	0,004	0,012	0,135	FALSE
0,050	0,290	0,002	0,009	0,063	FALSE
0,000	0,297	-0,001	0,011	0,030	FALSE
-0,087	0,292	-0,002	0,013	0,055	FALSE
-0,015	0,285	0,000	0,010	0,010	FALSE
-0,166	0,284	-0,005	0,009	0,228	FALSE
0,086	0,298	0,003	0,009	0,115	FALSE
0,088	0,271	0,001	0,007	0,041	FALSE
0,011	0,291	0,001	0,007	0,077	FALSE
0,094	0,290	0,004	0,012	0,142	FALSE
-0,103	0,285	-0,002	0,006	0,102	FALSE
-0,052	0,292	-0,002	0,012	0,057	FALSE
0,054	0,295	0,003	0,013	0,079	FALSE
0,024	0,290	0,000	0,011	0,014	FALSE
0,057	0,277	0,001	0,007	0,058	FALSE
0,003	0,290	0,001	0,007	0,053	FALSE
0,040	0,279	0,000	0,009	0,001	FALSE
0,067	0,299	0,003	0,010	0,114	FALSE

0,047	0,281	0,002	0,010	0,092	FALSE
0,044	0,292	0,003	0,013	0,091	FALSE
-0,038	0,309	-0,002	0,013	0,066	FALSE
-0,146	0,277	-0,003	0,008	0,181	FALSE
0,050	0,283	0,002	0,013	0,070	FALSE
-0,011	0,300	0,000	0,008	0,016	FALSE
-0,110	0,292	-0,004	0,012	0,125	FALSE
-0,078	0,287	-0,002	0,009	0,090	FALSE
-0,068	0,284	-0,002	0,008	0,104	FALSE
-0,040	0,297	-0,001	0,013	0,034	FALSE
-0,019	0,282	-0,003	0,012	0,097	FALSE
0,073	0,301	0,002	0,008	0,102	FALSE
0,086	0,297	0,003	0,012	0,110	FALSE
-0,133	0,285	-0,003	0,007	0,204	FALSE
-0,148	0,297	-0,005	0,011	0,210	FALSE
0,013	0,271	0,002	0,007	0,099	FALSE
-0,006	0,287	0,000	0,007	0,023	FALSE
0,005	0,277	0,001	0,007	0,083	FALSE
0,014	0,279	0,001	0,006	0,075	FALSE
0,055	0,287	0,002	0,006	0,143	FALSE
-0,031	0,292	-0,001	0,007	0,038	FALSE
0,106	0,301	0,006	0,013	0,192	FALSE
0,095	0,290	0,003	0,011	0,095	FALSE
-0,006	0,294	-0,002	0,010	0,092	FALSE
0,001	0,283	0,000	0,012	0,002	FALSE
-0,015	0,284	-0,001	0,011	0,042	FALSE
-0,038	0,284	-0,001	0,007	0,044	FALSE
-0,030	0,301	-0,001	0,008	0,038	FALSE
0,058	0,293	0,001	0,011	0,034	FALSE
0,010	0,275	-0,001	0,010	0,028	FALSE
-0,052	0,284	-0,001	0,007	0,065	FALSE
-0,013	0,296	0,000	0,007	0,006	FALSE
0,011	0,275	0,001	0,006	0,053	FALSE
-0,031	0,278	-0,001	0,011	0,019	FALSE
-0,034	0,300	-0,002	0,010	0,084	FALSE
0,116	0,293	0,001	0,007	0,060	FALSE
0,055	0,305	0,002	0,012	0,070	FALSE
0,018	0,298	0,002	0,012	0,055	FALSE
0,006	0,305	0,002	0,012	0,052	FALSE
-0,033	0,296	-0,001	0,008	0,044	FALSE
-0,017	0,296	0,000	0,008	0,021	FALSE
-0,002	0,295	0,000	0,008	0,013	FALSE
0,015	0,273	0,000	0,009	0,013	FALSE
0,137	0,285	0,006	0,012	0,193	FALSE
0,028	0,292	0,000	0,012	0,004	FALSE
0,038	0,283	0,001	0,012	0,022	FALSE
0,024	0,278	0,000	0,012	0,002	FALSE
0,041	0,288	0,001	0,012	0,018	FALSE
0,049	0,281	0,001	0,010	0,038	FALSE
-0,046	0,290	-0,001	0,007	0,030	FALSE
-0,030	0,287	-0,001	0,012	0,024	FALSE
0,050	0,280	0,000	0,012	0,001	FALSE
-0,062	0,310	-0,002	0,009	0,078	FALSE

-0,044	0,279	-0,001	0,007	0,042	FALSE
0,022	0,289	0,003	0,011	0,096	FALSE
-0,048	0,295	-0,001	0,008	0,034	FALSE
-0,006	0,298	0,001	0,013	0,015	FALSE
-0,163	0,296	-0,004	0,011	0,158	FALSE
-0,140	0,288	-0,002	0,007	0,139	FALSE
-0,089	0,294	-0,002	0,007	0,102	FALSE
0,124	0,282	0,007	0,012	0,242	FALSE
0,002	0,293	-0,001	0,012	0,031	FALSE
-0,053	0,291	-0,002	0,008	0,103	FALSE
0,057	0,284	0,001	0,006	0,091	FALSE
0,004	0,291	-0,001	0,007	0,034	FALSE
0,093	0,292	0,002	0,009	0,062	FALSE
-0,085	0,297	-0,003	0,012	0,106	FALSE
-0,051	0,289	-0,001	0,009	0,039	FALSE
0,057	0,285	0,001	0,010	0,054	FALSE
0,071	0,281	0,004	0,010	0,158	FALSE
-0,036	0,280	-0,003	0,013	0,081	FALSE
0,122	0,285	0,007	0,013	0,236	FALSE
-0,028	0,276	-0,002	0,012	0,067	FALSE
-0,005	0,281	-0,001	0,009	0,020	FALSE
-0,040	0,282	-0,002	0,008	0,079	FALSE
0,058	0,280	0,002	0,008	0,113	FALSE
-0,051	0,287	-0,001	0,008	0,039	FALSE
0,139	0,291	0,004	0,008	0,190	FALSE
-0,105	0,284	-0,006	0,011	0,237	FALSE
0,051	0,280	0,005	0,011	0,184	FALSE
0,098	0,300	0,006	0,012	0,190	FALSE
0,132	0,289	0,007	0,012	0,246	FALSE
0,142	0,287	0,007	0,012	0,238	FALSE
0,147	0,279	0,003	0,010	0,124	FALSE
0,066	0,295	0,001	0,006	0,074	FALSE
0,031	0,282	0,001	0,009	0,048	FALSE
0,008	0,288	0,000	0,012	0,001	FALSE
0,015	0,286	-0,001	0,007	0,041	FALSE
0,095	0,295	0,004	0,012	0,124	FALSE
0,009	0,286	0,001	0,010	0,052	FALSE
0,039	0,280	0,003	0,012	0,087	FALSE
0,032	0,290	0,002	0,008	0,082	FALSE
0,027	0,294	0,001	0,007	0,071	FALSE
0,005	0,297	0,001	0,013	0,019	FALSE
-0,025	0,287	-0,001	0,013	0,031	FALSE
-0,022	0,290	-0,001	0,012	0,033	FALSE
-0,021	0,303	0,000	0,013	0,004	FALSE
-0,047	0,302	-0,001	0,008	0,066	FALSE
0,000	0,265	0,005	0,012	0,164	FALSE
0,077	0,265	0,000	0,011	0,006	FALSE
0,074	0,296	0,001	0,007	0,043	FALSE
0,038	0,295	-0,001	0,012	0,033	FALSE
-0,123	0,290	-0,004	0,011	0,149	FALSE
0,055	0,288	0,003	0,012	0,085	FALSE
0,018	0,286	-0,001	0,013	0,016	FALSE
0,226	0,275	0,008	0,010	0,364	FALSE

0,025	0,294	0,001	0,008	0,027	FALSE
-0,057	0,295	-0,002	0,013	0,053	FALSE
-0,012	0,298	0,000	0,013	0,009	FALSE
-0,146	0,281	-0,005	0,010	0,242	FALSE
0,043	0,299	0,002	0,007	0,093	FALSE
-0,041	0,284	-0,002	0,008	0,118	FALSE
-0,030	0,290	-0,002	0,009	0,095	FALSE
-0,087	0,305	-0,002	0,010	0,098	FALSE
-0,040	0,294	0,000	0,007	0,013	FALSE
-0,082	0,282	-0,005	0,012	0,176	FALSE
0,087	0,296	0,003	0,010	0,118	FALSE
0,030	0,267	0,004	0,012	0,142	FALSE
-0,141	0,279	-0,007	0,012	0,271	FALSE
0,024	0,276	0,004	0,012	0,134	FALSE
0,122	0,286	0,002	0,007	0,140	FALSE
0,059	0,294	0,002	0,010	0,086	FALSE
-0,066	0,294	-0,002	0,009	0,097	FALSE
-0,047	0,290	-0,002	0,008	0,082	FALSE
-0,008	0,283	-0,001	0,011	0,038	FALSE
-0,021	0,295	-0,002	0,011	0,082	FALSE
-0,040	0,314	-0,002	0,007	0,084	FALSE
-0,068	0,298	-0,003	0,007	0,146	FALSE
-0,082	0,276	-0,003	0,007	0,158	FALSE
0,070	0,298	0,001	0,007	0,026	FALSE
0,012	0,287	0,000	0,007	0,002	FALSE
0,049	0,293	0,000	0,007	0,009	FALSE
0,079	0,295	0,001	0,007	0,051	FALSE
0,059	0,283	0,002	0,008	0,121	FALSE
0,028	0,288	0,000	0,007	0,015	FALSE
0,040	0,291	0,000	0,007	0,022	FALSE
0,021	0,288	-0,001	0,006	0,036	FALSE
-0,006	0,273	0,001	0,010	0,039	FALSE
-0,015	0,291	0,001	0,007	0,025	FALSE
0,187	0,293	0,007	0,011	0,307	FALSE
0,125	0,280	0,007	0,010	0,310	FALSE
-0,006	0,288	-0,002	0,009	0,096	FALSE
0,018	0,291	-0,002	0,009	0,088	FALSE
-0,039	0,296	-0,001	0,012	0,016	FALSE
-0,059	0,297	0,000	0,013	0,011	FALSE
0,049	0,270	0,001	0,012	0,015	FALSE
0,023	0,303	0,000	0,007	0,000	FALSE
0,051	0,290	0,001	0,007	0,060	FALSE
0,072	0,293	0,000	0,008	0,018	FALSE
0,035	0,313	0,000	0,012	0,014	FALSE
0,097	0,275	0,004	0,009	0,175	FALSE
-0,019	0,286	-0,001	0,009	0,037	FALSE
-0,007	0,291	0,000	0,007	0,018	FALSE
-0,127	0,289	-0,004	0,012	0,119	FALSE
-0,035	0,292	-0,001	0,007	0,057	FALSE
0,044	0,296	0,000	0,009	0,004	FALSE
0,147	0,290	0,003	0,006	0,201	FALSE
-0,078	0,290	-0,002	0,007	0,135	FALSE
0,092	0,275	0,002	0,010	0,074	FALSE

-0,123	0,279	-0,004	0,008	0,206	FALSE
-0,088	0,300	-0,002	0,008	0,095	FALSE
-0,148	0,294	-0,003	0,009	0,130	FALSE
-0,050	0,278	-0,003	0,009	0,116	FALSE
0,005	0,269	0,000	0,012	0,005	FALSE
-0,178	0,267	-0,005	0,009	0,253	FALSE
-0,074	0,279	-0,003	0,009	0,152	FALSE
0,143	0,292	0,002	0,007	0,115	FALSE
-0,143	0,283	-0,005	0,011	0,183	FALSE
-0,017	0,274	0,000	0,008	0,017	FALSE
0,065	0,282	0,001	0,007	0,038	FALSE
0,015	0,301	0,001	0,007	0,048	FALSE
-0,035	0,278	-0,003	0,010	0,102	FALSE
-0,105	0,295	-0,003	0,007	0,150	FALSE
-0,094	0,288	-0,001	0,009	0,059	FALSE
0,037	0,289	0,000	0,009	0,014	FALSE
0,026	0,301	0,003	0,013	0,091	FALSE
0,088	0,274	0,003	0,012	0,111	FALSE
-0,031	0,310	-0,001	0,013	0,036	FALSE
0,031	0,285	-0,001	0,012	0,018	FALSE
-0,018	0,287	-0,002	0,012	0,069	FALSE
-0,052	0,293	-0,003	0,012	0,107	FALSE
0,049	0,293	0,001	0,006	0,050	FALSE
-0,038	0,294	-0,001	0,011	0,020	FALSE
-0,134	0,285	-0,004	0,007	0,200	FALSE
0,010	0,309	0,000	0,007	0,010	FALSE
0,136	0,291	0,003	0,007	0,193	FALSE
0,080	0,285	0,003	0,013	0,098	FALSE
0,052	0,291	0,002	0,012	0,065	FALSE
0,010	0,283	-0,002	0,009	0,072	FALSE
-0,029	0,282	0,000	0,010	0,012	FALSE
0,129	0,280	0,006	0,009	0,276	FALSE
-0,018	0,290	-0,001	0,007	0,026	FALSE
0,040	0,300	0,002	0,012	0,051	FALSE
-0,273	0,275	-0,006	0,007	0,390	FALSE
-0,191	0,285	-0,005	0,009	0,228	FALSE
0,078	0,275	0,005	0,013	0,178	FALSE
-0,057	0,293	-0,004	0,013	0,107	FALSE
0,056	0,271	0,004	0,012	0,118	FALSE
-0,016	0,299	-0,001	0,012	0,026	FALSE
0,048	0,279	0,003	0,013	0,092	FALSE
0,100	0,293	0,003	0,008	0,151	FALSE
0,055	0,288	0,003	0,009	0,116	FALSE
-0,001	0,300	0,000	0,013	0,005	FALSE
0,150	0,280	0,004	0,008	0,209	FALSE
0,074	0,278	0,001	0,006	0,037	FALSE
0,074	0,283	0,001	0,007	0,036	FALSE
0,045	0,289	0,000	0,006	0,002	FALSE
-0,101	0,301	-0,003	0,011	0,108	FALSE
-0,072	0,295	-0,001	0,009	0,062	FALSE
0,074	0,305	0,002	0,011	0,084	FALSE
0,013	0,280	0,002	0,011	0,065	FALSE
-0,165	0,290	-0,004	0,008	0,213	FALSE

0,127	0,274	0,004	0,006	0,269	FALSE
-0,033	0,301	-0,001	0,008	0,052	FALSE
0,027	0,279	0,001	0,011	0,017	FALSE
0,058	0,282	0,001	0,006	0,077	FALSE
0,026	0,284	0,001	0,009	0,035	FALSE
-0,071	0,289	-0,001	0,007	0,041	FALSE
-0,122	0,283	-0,003	0,008	0,153	FALSE
0,062	0,290	0,003	0,012	0,109	FALSE
0,012	0,297	0,000	0,010	0,001	FALSE
-0,087	0,282	-0,001	0,013	0,015	FALSE
0,076	0,296	0,001	0,013	0,042	FALSE
0,064	0,302	0,001	0,010	0,040	FALSE
-0,006	0,285	0,001	0,008	0,029	FALSE
-0,052	0,293	-0,003	0,012	0,094	FALSE
0,026	0,299	0,000	0,007	0,008	FALSE
-0,100	0,283	-0,003	0,009	0,141	FALSE
0,104	0,275	0,005	0,011	0,205	FALSE
0,018	0,286	0,002	0,008	0,077	FALSE
0,166	0,278	0,007	0,012	0,267	FALSE
-0,184	0,278	-0,005	0,009	0,232	FALSE
0,041	0,273	0,001	0,007	0,065	FALSE
0,038	0,298	0,002	0,012	0,064	FALSE
-0,014	0,283	0,000	0,008	0,020	FALSE
-0,034	0,291	-0,001	0,008	0,066	FALSE
-0,033	0,297	-0,001	0,011	0,037	FALSE
-0,069	0,283	-0,003	0,010	0,130	FALSE
-0,127	0,294	-0,005	0,009	0,223	FALSE
-0,048	0,290	-0,002	0,007	0,086	FALSE
0,081	0,282	0,000	0,006	0,025	FALSE
-0,032	0,291	0,002	0,012	0,052	FALSE
-0,015	0,290	0,000	0,012	0,000	FALSE
0,107	0,288	0,001	0,006	0,049	FALSE
0,053	0,282	0,005	0,013	0,163	FALSE
0,238	0,277	0,009	0,011	0,366	FALSE
-0,048	0,291	0,000	0,013	0,003	FALSE
0,005	0,282	0,000	0,007	0,003	FALSE
0,182	0,279	0,008	0,012	0,267	FALSE
-0,146	0,294	-0,005	0,011	0,193	FALSE
-0,101	0,281	-0,003	0,009	0,152	FALSE
-0,061	0,301	-0,002	0,009	0,085	FALSE
0,035	0,283	0,002	0,007	0,092	FALSE
-0,037	0,303	-0,001	0,011	0,035	FALSE
-0,012	0,295	0,001	0,007	0,033	FALSE
-0,043	0,275	-0,003	0,007	0,141	FALSE
0,034	0,299	0,001	0,012	0,043	FALSE
0,150	0,284	0,003	0,008	0,153	FALSE
0,070	0,288	0,003	0,013	0,086	FALSE
0,037	0,297	0,000	0,013	0,008	FALSE
0,016	0,305	-0,001	0,013	0,021	FALSE
-0,023	0,287	-0,001	0,010	0,053	FALSE
0,076	0,296	0,001	0,007	0,082	FALSE
0,045	0,288	0,002	0,012	0,063	FALSE
-0,009	0,291	0,001	0,009	0,040	FALSE

0,082	0,289	0,001	0,007	0,073	FALSE
-0,020	0,304	0,000	0,012	0,012	FALSE
0,015	0,272	-0,001	0,011	0,028	FALSE
-0,040	0,305	-0,002	0,011	0,068	FALSE
-0,040	0,295	-0,001	0,008	0,042	FALSE
-0,049	0,286	-0,001	0,009	0,038	FALSE
-0,094	0,296	-0,004	0,011	0,132	FALSE
0,032	0,300	0,003	0,009	0,112	FALSE
-0,031	0,296	0,000	0,011	0,012	FALSE
-0,131	0,298	-0,003	0,012	0,100	FALSE
-0,127	0,292	-0,003	0,012	0,108	FALSE
-0,118	0,302	-0,003	0,007	0,164	FALSE
-0,019	0,293	0,000	0,008	0,016	FALSE
-0,033	0,301	0,000	0,009	0,004	FALSE
-0,039	0,295	0,000	0,007	0,014	FALSE
0,141	0,287	0,005	0,012	0,148	FALSE
0,226	0,289	0,004	0,008	0,241	FALSE
-0,026	0,292	-0,001	0,010	0,031	FALSE
0,026	0,284	-0,002	0,012	0,050	FALSE
-0,047	0,293	-0,002	0,009	0,083	FALSE
-0,095	0,272	-0,003	0,011	0,104	FALSE
-0,142	0,294	-0,003	0,007	0,160	FALSE
0,196	0,283	0,007	0,012	0,249	FALSE
0,143	0,294	0,004	0,008	0,204	FALSE
0,139	0,285	0,004	0,011	0,134	FALSE
-0,050	0,292	-0,002	0,007	0,080	FALSE
0,022	0,291	0,003	0,012	0,085	FALSE
-0,161	0,285	-0,003	0,008	0,155	FALSE
0,179	0,290	0,005	0,011	0,198	FALSE
-0,049	0,273	0,000	0,006	0,026	FALSE
-0,133	0,295	-0,004	0,012	0,141	FALSE
0,216	0,276	0,009	0,013	0,318	FALSE
-0,091	0,289	-0,002	0,007	0,092	FALSE
0,205	0,268	0,009	0,013	0,303	FALSE
0,048	0,306	0,001	0,009	0,042	FALSE
0,084	0,301	0,003	0,012	0,083	FALSE
0,000	0,298	-0,001	0,009	0,026	FALSE
-0,020	0,289	0,000	0,010	0,018	FALSE
0,040	0,285	-0,001	0,007	0,028	FALSE
-0,028	0,275	0,000	0,010	0,008	FALSE
0,080	0,287	-0,001	0,011	0,019	FALSE
-0,054	0,289	-0,002	0,007	0,129	FALSE
0,034	0,295	0,000	0,009	0,009	FALSE
-0,149	0,282	-0,006	0,012	0,226	FALSE
0,100	0,292	0,002	0,011	0,059	FALSE
-0,027	0,283	0,001	0,011	0,030	FALSE
0,096	0,298	0,003	0,013	0,082	FALSE
0,086	0,272	0,002	0,012	0,052	FALSE
0,098	0,290	0,003	0,011	0,101	FALSE
-0,055	0,278	-0,004	0,011	0,133	FALSE
-0,061	0,285	-0,005	0,013	0,157	FALSE
-0,105	0,294	-0,004	0,010	0,136	FALSE
0,023	0,287	0,002	0,012	0,065	FALSE

-0,096	0,286	-0,001	0,009	0,048	FALSE
-0,049	0,275	0,001	0,012	0,019	FALSE
-0,077	0,305	-0,003	0,010	0,123	FALSE
-0,072	0,290	-0,003	0,009	0,120	FALSE
-0,052	0,295	-0,002	0,009	0,094	FALSE
0,007	0,276	0,000	0,012	0,011	FALSE
0,090	0,277	0,002	0,008	0,098	FALSE
-0,062	0,294	-0,002	0,012	0,069	FALSE
0,099	0,294	0,004	0,012	0,113	FALSE
0,069	0,270	0,005	0,012	0,193	FALSE
0,046	0,290	0,003	0,012	0,099	FALSE
-0,116	0,297	-0,003	0,010	0,114	FALSE
0,010	0,289	0,000	0,008	0,008	FALSE
0,011	0,305	0,000	0,010	0,007	FALSE
0,044	0,298	0,000	0,008	0,015	FALSE
0,067	0,303	0,001	0,008	0,032	FALSE
0,104	0,294	0,002	0,008	0,080	FALSE
-0,034	0,291	-0,001	0,012	0,044	FALSE
0,040	0,287	0,001	0,006	0,046	FALSE
-0,025	0,278	0,000	0,007	0,019	FALSE
0,103	0,302	0,002	0,009	0,082	FALSE
-0,055	0,285	-0,001	0,007	0,069	FALSE
-0,200	0,297	-0,009	0,013	0,293	FALSE
-0,186	0,276	-0,008	0,012	0,276	FALSE
0,110	0,301	0,003	0,011	0,101	FALSE
-0,124	0,296	-0,004	0,013	0,113	FALSE
-0,065	0,290	-0,001	0,010	0,036	FALSE
-0,087	0,277	-0,002	0,010	0,087	FALSE
0,005	0,296	0,000	0,013	0,001	FALSE
-0,018	0,294	-0,002	0,011	0,083	FALSE
-0,117	0,284	-0,002	0,007	0,096	FALSE
0,095	0,286	0,001	0,006	0,066	FALSE
0,092	0,278	0,003	0,010	0,135	FALSE
-0,057	0,285	-0,003	0,011	0,096	FALSE
0,005	0,291	0,000	0,008	0,017	FALSE
-0,079	0,276	-0,004	0,009	0,159	FALSE
-0,090	0,265	-0,004	0,009	0,188	FALSE
-0,062	0,291	-0,002	0,012	0,066	FALSE
-0,020	0,293	0,000	0,007	0,016	FALSE
-0,122	0,284	-0,005	0,010	0,236	FALSE
0,034	0,294	0,000	0,006	0,020	FALSE
0,027	0,290	0,000	0,006	0,029	FALSE
-0,055	0,281	-0,001	0,007	0,079	FALSE
0,001	0,294	0,000	0,008	0,018	FALSE
0,001	0,303	-0,001	0,011	0,046	FALSE
-0,113	0,271	-0,002	0,007	0,089	FALSE
-0,043	0,292	-0,002	0,013	0,052	FALSE
0,027	0,302	0,000	0,011	0,006	FALSE
-0,123	0,272	-0,005	0,011	0,172	FALSE
0,181	0,296	0,004	0,008	0,231	FALSE
-0,126	0,291	-0,004	0,008	0,191	FALSE
-0,024	0,292	-0,003	0,011	0,101	FALSE
-0,033	0,278	-0,002	0,011	0,053	FALSE

-0,097	0,282	-0,003	0,010	0,105	FALSE
0,064	0,291	0,000	0,007	0,021	FALSE
0,115	0,282	0,004	0,008	0,244	FALSE
0,021	0,278	0,002	0,012	0,076	FALSE
0,078	0,291	0,002	0,007	0,099	FALSE
0,121	0,298	0,004	0,007	0,220	FALSE
-0,030	0,291	0,000	0,008	0,008	FALSE
0,083	0,280	0,001	0,011	0,049	FALSE
-0,034	0,291	-0,003	0,013	0,080	FALSE
0,034	0,293	0,002	0,009	0,099	FALSE
-0,147	0,271	-0,003	0,007	0,163	FALSE
0,009	0,280	0,001	0,006	0,092	FALSE
0,002	0,283	0,001	0,011	0,022	FALSE
-0,027	0,302	-0,001	0,007	0,064	FALSE
0,108	0,267	0,005	0,012	0,165	FALSE
-0,073	0,293	-0,002	0,012	0,073	FALSE
0,045	0,299	0,001	0,012	0,042	FALSE
-0,007	0,296	0,000	0,009	0,019	FALSE
0,011	0,297	-0,001	0,010	0,022	FALSE
-0,025	0,295	-0,002	0,012	0,056	FALSE
-0,055	0,279	0,000	0,008	0,016	FALSE
-0,141	0,286	-0,004	0,009	0,157	FALSE
-0,019	0,293	-0,002	0,012	0,051	FALSE
0,155	0,290	0,006	0,013	0,186	FALSE
0,079	0,293	0,003	0,013	0,088	FALSE
-0,128	0,286	-0,002	0,007	0,133	FALSE
-0,162	0,276	-0,003	0,007	0,196	FALSE
0,011	0,299	0,000	0,012	0,013	FALSE
-0,071	0,276	-0,001	0,012	0,017	FALSE
0,046	0,293	0,001	0,006	0,037	FALSE
-0,121	0,285	-0,002	0,007	0,094	FALSE
-0,129	0,274	-0,002	0,007	0,101	FALSE
-0,095	0,301	-0,003	0,007	0,163	FALSE
0,016	0,289	0,001	0,008	0,051	FALSE
-0,012	0,291	0,000	0,009	0,007	FALSE
-0,174	0,272	-0,004	0,009	0,201	FALSE
0,040	0,284	0,001	0,007	0,067	FALSE
-0,069	0,288	-0,002	0,009	0,079	FALSE
-0,039	0,289	0,000	0,012	0,004	FALSE
-0,042	0,294	0,000	0,010	0,010	FALSE
-0,029	0,272	0,002	0,011	0,061	FALSE
-0,041	0,295	-0,003	0,008	0,162	FALSE
0,083	0,284	0,000	0,007	0,019	FALSE
-0,037	0,291	-0,002	0,012	0,055	FALSE
-0,055	0,282	0,000	0,007	0,027	FALSE
-0,001	0,283	0,000	0,006	0,024	FALSE
-0,098	0,293	-0,002	0,009	0,097	FALSE
-0,079	0,287	-0,002	0,009	0,111	FALSE
-0,193	0,275	-0,004	0,007	0,261	FALSE
0,086	0,296	0,001	0,008	0,056	FALSE
0,188	0,285	0,007	0,011	0,262	FALSE
0,270	0,274	0,011	0,013	0,410	TRUE
-0,107	0,281	-0,004	0,012	0,128	FALSE

-0,067	0,295	-0,001	0,007	0,063	FALSE
0,101	0,290	0,005	0,009	0,208	FALSE
0,036	0,281	0,000	0,010	0,017	FALSE
-0,190	0,289	-0,004	0,007	0,238	FALSE
-0,139	0,269	-0,003	0,007	0,157	FALSE
-0,050	0,297	-0,001	0,010	0,042	FALSE
0,117	0,279	0,002	0,009	0,073	FALSE
-0,008	0,307	0,000	0,009	0,008	FALSE
0,045	0,293	0,002	0,010	0,070	FALSE
-0,013	0,293	0,001	0,007	0,036	FALSE
-0,007	0,300	0,001	0,008	0,029	FALSE
-0,045	0,292	-0,001	0,008	0,054	FALSE
0,054	0,288	0,004	0,012	0,136	FALSE
-0,039	0,284	0,000	0,007	0,002	FALSE
-0,027	0,286	-0,002	0,009	0,084	FALSE
-0,001	0,297	-0,002	0,012	0,053	FALSE
0,043	0,285	0,001	0,006	0,086	FALSE
0,040	0,293	0,003	0,013	0,081	FALSE
-0,026	0,293	-0,002	0,007	0,085	FALSE
0,044	0,289	0,001	0,009	0,051	FALSE
-0,018	0,296	-0,001	0,007	0,069	FALSE
-0,058	0,275	0,000	0,013	0,005	FALSE
-0,008	0,278	-0,003	0,012	0,106	FALSE
-0,001	0,285	0,000	0,012	0,014	FALSE
0,022	0,286	-0,001	0,012	0,026	FALSE
0,046	0,303	0,001	0,008	0,065	FALSE
0,128	0,288	0,004	0,011	0,137	FALSE
-0,176	0,270	-0,007	0,011	0,294	FALSE
-0,048	0,291	-0,003	0,013	0,094	FALSE
-0,072	0,284	-0,005	0,013	0,156	FALSE
-0,093	0,284	-0,005	0,013	0,163	FALSE
-0,060	0,291	-0,004	0,013	0,120	FALSE
-0,074	0,304	-0,003	0,010	0,133	FALSE
-0,059	0,289	-0,004	0,013	0,124	FALSE
-0,078	0,297	-0,005	0,013	0,155	FALSE
-0,085	0,284	-0,004	0,011	0,152	FALSE
0,105	0,295	0,002	0,010	0,097	FALSE
-0,138	0,280	-0,006	0,012	0,226	FALSE
0,000	0,298	-0,002	0,012	0,076	FALSE
-0,093	0,289	-0,002	0,007	0,085	FALSE
-0,141	0,290	-0,006	0,010	0,264	FALSE
-0,019	0,279	0,001	0,010	0,028	FALSE
0,017	0,300	0,001	0,008	0,040	FALSE
0,050	0,290	0,003	0,010	0,137	FALSE
0,059	0,295	0,004	0,010	0,140	FALSE
0,055	0,297	0,002	0,010	0,054	FALSE
-0,066	0,292	-0,002	0,009	0,093	FALSE
0,109	0,295	0,004	0,010	0,182	FALSE
0,079	0,289	0,003	0,008	0,168	FALSE
0,033	0,292	0,000	0,009	0,011	FALSE
0,032	0,290	0,002	0,011	0,051	FALSE
-0,018	0,296	-0,001	0,008	0,034	FALSE
-0,041	0,296	-0,001	0,013	0,038	FALSE

-0,082	0,285	-0,005	0,012	0,158	FALSE
-0,059	0,286	-0,003	0,013	0,079	FALSE
0,130	0,295	0,005	0,010	0,241	FALSE
0,029	0,300	0,001	0,013	0,039	FALSE
0,077	0,269	0,005	0,011	0,173	FALSE
0,007	0,292	0,002	0,012	0,063	FALSE
-0,132	0,290	-0,007	0,012	0,239	FALSE
0,017	0,291	0,002	0,009	0,072	FALSE
-0,022	0,294	-0,001	0,007	0,039	FALSE
0,088	0,291	0,002	0,012	0,056	FALSE
0,079	0,301	0,003	0,010	0,116	FALSE
-0,031	0,286	0,000	0,012	0,002	FALSE
0,093	0,286	0,002	0,010	0,067	FALSE
0,012	0,281	0,001	0,006	0,043	FALSE
0,056	0,297	0,002	0,007	0,087	FALSE
0,031	0,282	0,001	0,009	0,044	FALSE
0,026	0,278	0,002	0,010	0,061	FALSE
-0,072	0,306	-0,005	0,010	0,193	FALSE
0,054	0,281	0,002	0,007	0,103	FALSE
0,069	0,317	0,001	0,011	0,034	FALSE
-0,011	0,307	-0,001	0,009	0,033	FALSE
-0,034	0,312	-0,002	0,010	0,057	FALSE
-0,021	0,301	-0,001	0,010	0,040	FALSE
0,138	0,296	0,004	0,008	0,177	FALSE
-0,075	0,280	-0,001	0,008	0,048	FALSE
-0,063	0,294	0,000	0,008	0,020	FALSE
-0,064	0,302	-0,002	0,009	0,092	FALSE
0,142	0,291	0,004	0,012	0,130	FALSE
-0,151	0,289	-0,004	0,007	0,256	FALSE
-0,155	0,286	-0,004	0,007	0,275	FALSE
-0,033	0,277	-0,002	0,008	0,082	FALSE
0,050	0,274	0,006	0,012	0,202	FALSE
-0,127	0,289	-0,003	0,006	0,191	FALSE
-0,021	0,292	0,000	0,011	0,013	FALSE
-0,020	0,271	0,001	0,011	0,020	FALSE
0,036	0,284	0,002	0,011	0,070	FALSE
0,035	0,303	0,002	0,012	0,045	FALSE
-0,126	0,291	-0,003	0,007	0,200	FALSE
0,059	0,281	0,002	0,007	0,099	FALSE
-0,042	0,296	-0,002	0,008	0,101	FALSE
-0,006	0,284	-0,002	0,007	0,116	FALSE
-0,027	0,298	-0,002	0,009	0,101	FALSE
0,008	0,283	0,001	0,006	0,049	FALSE
-0,077	0,279	-0,002	0,011	0,056	FALSE
-0,044	0,292	-0,001	0,012	0,023	FALSE
0,027	0,302	0,000	0,007	0,013	FALSE
-0,063	0,286	-0,002	0,007	0,108	FALSE
0,154	0,269	0,005	0,012	0,161	FALSE
-0,038	0,297	-0,001	0,008	0,022	FALSE
0,088	0,294	0,002	0,007	0,123	FALSE
-0,117	0,271	-0,002	0,006	0,092	FALSE
-0,003	0,284	-0,001	0,013	0,025	FALSE
-0,122	0,272	-0,001	0,007	0,079	FALSE

-0,016	0,297	0,000	0,012	0,009	FALSE
-0,034	0,290	-0,003	0,009	0,116	FALSE
0,071	0,295	0,002	0,012	0,076	FALSE
0,127	0,286	0,002	0,007	0,132	FALSE
0,029	0,290	0,001	0,008	0,060	FALSE
0,107	0,287	0,005	0,011	0,191	FALSE
-0,186	0,287	-0,004	0,007	0,276	FALSE
0,112	0,294	0,005	0,013	0,133	FALSE
0,120	0,276	0,005	0,012	0,167	FALSE
0,124	0,282	0,005	0,012	0,158	FALSE
0,114	0,289	0,003	0,007	0,177	FALSE
0,097	0,286	0,003	0,007	0,165	FALSE
0,053	0,282	0,001	0,011	0,020	FALSE
-0,002	0,281	-0,002	0,013	0,044	FALSE
0,090	0,287	0,003	0,010	0,130	FALSE
0,013	0,272	0,001	0,009	0,032	FALSE
-0,064	0,280	-0,002	0,011	0,060	FALSE
-0,141	0,289	-0,003	0,008	0,187	FALSE
0,061	0,283	0,004	0,011	0,159	FALSE
0,100	0,280	0,002	0,006	0,117	FALSE
0,031	0,294	0,001	0,007	0,047	FALSE
-0,035	0,280	-0,001	0,013	0,018	FALSE
0,143	0,286	0,003	0,007	0,171	FALSE
0,083	0,293	0,002	0,009	0,085	FALSE
0,000	0,277	-0,001	0,013	0,019	FALSE
0,018	0,290	0,001	0,012	0,028	FALSE
0,042	0,296	0,003	0,009	0,123	FALSE
-0,045	0,291	0,000	0,006	0,016	FALSE
-0,076	0,302	-0,001	0,007	0,061	FALSE
0,073	0,287	0,000	0,011	0,006	FALSE
-0,131	0,281	-0,003	0,010	0,143	FALSE
-0,061	0,281	-0,003	0,012	0,094	FALSE
0,018	0,291	-0,001	0,010	0,032	FALSE
-0,038	0,284	-0,002	0,010	0,071	FALSE
0,156	0,299	0,002	0,007	0,123	FALSE
-0,001	0,289	0,002	0,012	0,046	FALSE
0,023	0,277	0,001	0,007	0,043	FALSE
0,016	0,281	0,000	0,010	0,017	FALSE
0,005	0,290	0,001	0,007	0,043	FALSE
-0,114	0,282	-0,003	0,008	0,152	FALSE
0,044	0,289	0,000	0,008	0,003	FALSE
-0,089	0,296	-0,001	0,007	0,054	FALSE
0,017	0,299	0,001	0,008	0,048	FALSE
-0,013	0,289	-0,002	0,013	0,065	FALSE
0,084	0,306	0,001	0,007	0,064	FALSE
-0,003	0,283	0,001	0,010	0,025	FALSE
-0,004	0,300	0,001	0,010	0,028	FALSE
0,054	0,296	0,000	0,007	0,020	FALSE
0,140	0,288	0,006	0,010	0,249	FALSE
-0,003	0,280	0,000	0,007	0,002	FALSE
0,117	0,281	0,002	0,009	0,106	FALSE
-0,076	0,271	-0,003	0,010	0,117	FALSE
-0,045	0,290	0,000	0,010	0,013	FALSE

-0,061	0,281	-0,001	0,007	0,036	FALSE
-0,023	0,287	0,000	0,009	0,002	FALSE
-0,024	0,296	-0,003	0,013	0,077	FALSE
0,054	0,285	0,001	0,006	0,087	FALSE
0,032	0,292	0,001	0,011	0,030	FALSE
-0,051	0,283	-0,001	0,007	0,034	FALSE
-0,003	0,291	-0,001	0,009	0,048	FALSE
-0,047	0,290	-0,003	0,013	0,087	FALSE
-0,020	0,291	0,000	0,007	0,018	FALSE
0,008	0,293	0,000	0,007	0,008	FALSE
0,000	0,273	-0,001	0,012	0,044	FALSE
-0,069	0,284	-0,002	0,007	0,093	FALSE
0,104	0,285	0,007	0,012	0,263	FALSE
0,059	0,287	0,003	0,011	0,105	FALSE
-0,044	0,287	-0,001	0,009	0,026	FALSE
-0,028	0,291	-0,001	0,008	0,059	FALSE
0,125	0,288	0,002	0,009	0,092	FALSE
-0,013	0,283	0,001	0,007	0,025	FALSE
-0,037	0,296	0,001	0,009	0,030	FALSE
-0,045	0,295	0,000	0,007	0,016	FALSE
-0,061	0,287	-0,004	0,010	0,157	FALSE
-0,063	0,276	-0,004	0,010	0,167	FALSE
0,027	0,299	0,001	0,008	0,024	FALSE
0,005	0,297	-0,001	0,011	0,025	FALSE
-0,020	0,280	0,001	0,013	0,031	FALSE
0,103	0,284	0,004	0,010	0,186	FALSE
-0,087	0,293	-0,001	0,006	0,064	FALSE
0,078	0,297	0,000	0,007	0,021	FALSE
-0,078	0,273	-0,002	0,012	0,052	FALSE
0,027	0,297	0,001	0,011	0,036	FALSE
0,133	0,275	0,005	0,010	0,204	FALSE
0,108	0,280	0,005	0,011	0,176	FALSE
0,129	0,297	0,007	0,012	0,231	FALSE
-0,023	0,285	-0,001	0,007	0,036	FALSE
0,045	0,287	0,001	0,008	0,064	FALSE
-0,049	0,289	-0,002	0,008	0,120	FALSE
-0,004	0,294	0,000	0,007	0,020	FALSE
0,042	0,298	0,002	0,007	0,088	FALSE
0,000	0,277	0,001	0,008	0,038	FALSE
0,024	0,300	0,000	0,012	0,008	FALSE
-0,088	0,292	-0,002	0,007	0,100	FALSE
0,055	0,295	0,001	0,008	0,036	FALSE
-0,028	0,310	-0,002	0,010	0,054	FALSE
0,073	0,288	0,003	0,010	0,097	FALSE
0,109	0,277	0,005	0,012	0,179	FALSE
0,047	0,300	0,001	0,011	0,026	FALSE
-0,046	0,281	0,000	0,011	0,008	FALSE
0,092	0,293	0,001	0,008	0,069	FALSE
0,111	0,295	0,003	0,006	0,167	FALSE
0,082	0,298	0,002	0,008	0,098	FALSE
0,040	0,299	0,001	0,007	0,046	FALSE
0,051	0,302	0,003	0,013	0,079	FALSE
0,057	0,284	0,003	0,010	0,131	FALSE

0,088	0,285	0,004	0,013	0,123	FALSE
-0,094	0,307	-0,002	0,008	0,117	FALSE
-0,087	0,290	-0,003	0,008	0,140	FALSE
-0,059	0,294	-0,002	0,011	0,076	FALSE
-0,009	0,295	0,000	0,007	0,009	FALSE
0,160	0,297	0,004	0,007	0,206	FALSE
-0,134	0,289	-0,003	0,011	0,129	FALSE
0,143	0,287	0,005	0,007	0,289	FALSE
0,059	0,286	0,003	0,012	0,093	FALSE
-0,001	0,284	0,000	0,011	0,006	FALSE
0,000	0,301	0,000	0,007	0,016	FALSE
0,015	0,288	0,001	0,007	0,047	FALSE
0,086	0,294	0,004	0,012	0,124	FALSE
0,067	0,298	0,003	0,010	0,116	FALSE
0,017	0,303	0,000	0,008	0,021	FALSE
-0,104	0,286	-0,004	0,012	0,145	FALSE
0,104	0,291	0,002	0,006	0,119	FALSE
-0,050	0,303	-0,001	0,006	0,050	FALSE
0,196	0,278	0,008	0,013	0,285	FALSE
-0,016	0,284	0,000	0,007	0,005	FALSE
-0,079	0,300	-0,003	0,013	0,094	FALSE
-0,042	0,283	0,000	0,007	0,017	FALSE
0,025	0,284	0,000	0,013	0,012	FALSE
-0,146	0,296	-0,004	0,007	0,246	FALSE
-0,147	0,311	-0,004	0,008	0,225	FALSE
-0,165	0,302	-0,005	0,007	0,273	FALSE
-0,055	0,299	-0,003	0,009	0,118	FALSE
-0,078	0,299	-0,001	0,013	0,040	FALSE
0,067	0,295	0,002	0,013	0,056	FALSE
0,018	0,279	0,000	0,008	0,005	FALSE
0,058	0,297	0,002	0,007	0,079	FALSE
0,076	0,287	0,002	0,007	0,102	FALSE
-0,087	0,282	-0,001	0,008	0,068	FALSE
0,095	0,288	0,002	0,009	0,100	FALSE
0,098	0,283	0,002	0,007	0,128	FALSE
0,059	0,288	0,001	0,006	0,041	FALSE
-0,119	0,279	-0,003	0,007	0,164	FALSE
-0,136	0,282	-0,006	0,011	0,232	FALSE
-0,210	0,285	-0,010	0,012	0,378	FALSE
0,111	0,291	0,003	0,007	0,167	FALSE
0,014	0,307	0,000	0,011	0,002	FALSE
0,012	0,305	0,000	0,011	0,007	FALSE
0,048	0,293	0,002	0,011	0,064	FALSE
0,074	0,287	0,002	0,013	0,063	FALSE
0,102	0,285	0,004	0,010	0,155	FALSE
-0,013	0,285	0,001	0,007	0,047	FALSE
0,012	0,303	0,001	0,012	0,022	FALSE
0,121	0,289	0,004	0,011	0,144	FALSE
-0,017	0,273	0,000	0,007	0,013	FALSE
0,057	0,285	0,002	0,010	0,068	FALSE
-0,045	0,277	-0,002	0,012	0,045	FALSE
-0,118	0,285	-0,005	0,013	0,155	FALSE
-0,019	0,281	-0,001	0,010	0,037	FALSE

0,106	0,291	0,004	0,013	0,118	FALSE
-0,040	0,291	-0,001	0,007	0,035	FALSE
-0,119	0,292	-0,002	0,008	0,092	FALSE
0,105	0,281	0,007	0,013	0,245	FALSE
0,113	0,293	0,008	0,013	0,244	FALSE
0,052	0,270	0,001	0,007	0,080	FALSE
-0,085	0,278	-0,005	0,012	0,173	FALSE
0,107	0,284	0,002	0,012	0,067	FALSE
0,116	0,280	0,003	0,011	0,085	FALSE
-0,039	0,299	-0,001	0,008	0,072	FALSE
-0,027	0,293	-0,001	0,007	0,051	FALSE
-0,032	0,283	-0,001	0,008	0,056	FALSE
-0,009	0,282	-0,001	0,007	0,072	FALSE
0,000	0,289	0,001	0,007	0,044	FALSE
0,026	0,285	0,001	0,013	0,033	FALSE
-0,024	0,299	0,000	0,011	0,007	FALSE
0,087	0,283	0,002	0,010	0,077	FALSE
-0,077	0,279	-0,002	0,011	0,059	FALSE
0,021	0,294	0,000	0,011	0,009	FALSE
0,090	0,299	0,002	0,008	0,074	FALSE
0,070	0,291	0,001	0,008	0,050	FALSE
0,076	0,281	0,002	0,010	0,067	FALSE
-0,042	0,300	-0,001	0,007	0,038	FALSE
-0,040	0,295	-0,001	0,011	0,050	FALSE
-0,071	0,302	-0,003	0,012	0,091	FALSE
-0,095	0,297	-0,004	0,008	0,190	FALSE
-0,119	0,301	-0,007	0,013	0,211	FALSE
-0,125	0,284	-0,005	0,010	0,219	FALSE
-0,096	0,289	-0,004	0,010	0,151	FALSE
-0,040	0,293	0,000	0,006	0,016	FALSE
-0,040	0,290	0,001	0,012	0,030	FALSE
0,027	0,303	0,001	0,013	0,028	FALSE
0,020	0,303	0,001	0,013	0,017	FALSE
-0,001	0,292	0,000	0,013	0,002	FALSE
0,068	0,290	0,002	0,007	0,129	FALSE
0,043	0,293	0,001	0,013	0,022	FALSE
0,005	0,291	0,000	0,007	0,026	FALSE
-0,015	0,287	0,000	0,007	0,017	FALSE
-0,025	0,299	-0,001	0,011	0,047	FALSE
0,112	0,290	0,002	0,007	0,119	FALSE
0,072	0,295	0,002	0,010	0,081	FALSE
-0,036	0,299	-0,001	0,006	0,080	FALSE
-0,042	0,307	-0,002	0,007	0,110	FALSE
0,081	0,295	0,002	0,008	0,076	FALSE
-0,114	0,302	-0,006	0,011	0,237	FALSE
0,111	0,290	0,004	0,008	0,189	FALSE
0,165	0,300	0,005	0,010	0,199	FALSE
0,030	0,301	0,003	0,013	0,088	FALSE
-0,111	0,292	-0,003	0,010	0,095	FALSE
0,073	0,283	0,004	0,012	0,132	FALSE
-0,117	0,276	-0,005	0,012	0,162	FALSE
-0,082	0,285	-0,004	0,012	0,132	FALSE
0,052	0,297	0,002	0,012	0,047	FALSE

0,014	0,290	-0,001	0,013	0,024	FALSE
0,024	0,284	-0,003	0,012	0,090	FALSE
-0,002	0,291	-0,004	0,013	0,118	FALSE
0,008	0,297	0,000	0,010	0,001	FALSE
-0,174	0,283	-0,004	0,008	0,240	FALSE
-0,157	0,280	-0,006	0,013	0,179	FALSE
-0,009	0,270	0,000	0,006	0,024	FALSE
-0,114	0,295	-0,003	0,007	0,151	FALSE
0,086	0,289	0,003	0,012	0,084	FALSE
-0,015	0,293	0,001	0,008	0,024	FALSE
0,082	0,291	0,000	0,007	0,017	FALSE
0,159	0,271	0,006	0,008	0,296	FALSE
0,067	0,288	0,002	0,010	0,075	FALSE
-0,075	0,290	-0,002	0,009	0,080	FALSE
-0,136	0,279	-0,005	0,010	0,201	FALSE
0,095	0,298	0,004	0,012	0,123	FALSE
0,064	0,290	0,003	0,012	0,085	FALSE
0,048	0,297	0,002	0,010	0,076	FALSE
-0,215	0,282	-0,005	0,007	0,295	FALSE
0,022	0,301	0,000	0,007	0,019	FALSE
-0,088	0,300	-0,002	0,009	0,108	FALSE
-0,005	0,284	-0,003	0,008	0,134	FALSE
0,108	0,292	0,005	0,012	0,169	FALSE
-0,022	0,290	0,001	0,010	0,019	FALSE
0,022	0,303	0,001	0,013	0,016	FALSE
-0,064	0,304	-0,002	0,011	0,065	FALSE
0,133	0,274	0,005	0,011	0,178	FALSE
-0,107	0,278	-0,002	0,013	0,061	FALSE
0,062	0,281	0,001	0,009	0,053	FALSE
0,129	0,290	0,004	0,012	0,132	FALSE
0,015	0,295	0,000	0,008	0,007	FALSE
-0,053	0,291	-0,001	0,008	0,034	FALSE
-0,038	0,291	-0,001	0,009	0,053	FALSE
0,027	0,290	0,001	0,006	0,070	FALSE
-0,103	0,291	-0,001	0,009	0,037	FALSE
-0,003	0,283	0,000	0,011	0,012	FALSE
0,005	0,300	-0,001	0,007	0,039	FALSE
0,039	0,293	0,001	0,011	0,027	FALSE
0,112	0,290	0,005	0,011	0,162	FALSE
0,090	0,285	0,002	0,008	0,098	FALSE
-0,011	0,292	-0,001	0,008	0,027	FALSE
0,065	0,302	0,001	0,008	0,065	FALSE
-0,040	0,296	-0,002	0,013	0,050	FALSE
0,064	0,305	0,000	0,008	0,020	FALSE
0,023	0,290	0,001	0,008	0,028	FALSE
0,053	0,275	0,003	0,010	0,111	FALSE
0,194	0,288	0,006	0,009	0,285	FALSE
0,055	0,284	0,000	0,008	0,013	FALSE
0,065	0,300	0,004	0,011	0,132	FALSE
0,023	0,283	0,001	0,007	0,034	FALSE
-0,017	0,287	0,000	0,007	0,003	FALSE
0,032	0,292	0,000	0,008	0,006	FALSE
-0,051	0,296	-0,002	0,012	0,076	FALSE

0,114	0,282	0,001	0,007	0,070	FALSE
0,023	0,292	0,001	0,013	0,024	FALSE
-0,004	0,289	0,000	0,013	0,002	FALSE
-0,067	0,280	-0,003	0,008	0,147	FALSE
0,106	0,295	0,004	0,009	0,184	FALSE
0,053	0,293	0,001	0,011	0,044	FALSE
0,067	0,291	0,002	0,011	0,080	FALSE
-0,021	0,291	-0,002	0,008	0,075	FALSE
0,021	0,303	0,001	0,011	0,034	FALSE
-0,235	0,283	-0,008	0,010	0,394	FALSE
-0,142	0,287	-0,004	0,007	0,230	FALSE
-0,018	0,283	0,001	0,011	0,021	FALSE
-0,094	0,292	-0,004	0,011	0,131	FALSE
-0,132	0,305	-0,004	0,008	0,204	FALSE
-0,060	0,293	-0,002	0,012	0,048	FALSE
-0,158	0,271	-0,003	0,007	0,198	FALSE
-0,031	0,276	0,000	0,007	0,022	FALSE
-0,004	0,302	0,000	0,007	0,000	FALSE
0,031	0,277	0,002	0,010	0,074	FALSE
-0,018	0,289	0,001	0,011	0,018	FALSE
-0,005	0,287	-0,001	0,007	0,048	FALSE
-0,078	0,296	-0,002	0,008	0,099	FALSE
-0,089	0,292	-0,005	0,010	0,191	FALSE
0,036	0,289	0,001	0,013	0,032	FALSE
0,087	0,284	0,002	0,013	0,070	FALSE
0,077	0,279	0,002	0,007	0,090	FALSE
0,021	0,302	0,003	0,012	0,096	FALSE
0,042	0,295	0,002	0,009	0,112	FALSE
-0,020	0,277	0,000	0,013	0,012	FALSE
0,074	0,278	0,002	0,010	0,079	FALSE
-0,144	0,283	-0,004	0,010	0,176	FALSE
0,208	0,270	0,007	0,012	0,235	FALSE
-0,034	0,288	-0,001	0,010	0,042	FALSE
0,022	0,272	0,003	0,012	0,101	FALSE
0,032	0,287	0,000	0,008	0,021	FALSE
-0,065	0,297	-0,004	0,013	0,122	FALSE
0,032	0,296	0,001	0,008	0,025	FALSE
-0,141	0,286	-0,003	0,007	0,138	FALSE
-0,006	0,284	0,001	0,006	0,069	FALSE
-0,059	0,306	-0,003	0,013	0,092	FALSE
-0,035	0,284	0,000	0,008	0,021	FALSE
-0,071	0,290	-0,001	0,009	0,054	FALSE
0,120	0,287	0,003	0,006	0,212	FALSE
0,057	0,272	0,002	0,009	0,079	FALSE
0,066	0,292	0,001	0,007	0,075	FALSE
-0,066	0,291	-0,003	0,010	0,100	FALSE
-0,007	0,291	0,000	0,010	0,010	FALSE
-0,108	0,293	-0,003	0,008	0,155	FALSE
-0,066	0,281	-0,002	0,007	0,088	FALSE
-0,140	0,284	-0,003	0,007	0,162	FALSE
-0,079	0,276	-0,003	0,012	0,087	FALSE
-0,131	0,278	-0,004	0,012	0,129	FALSE
-0,037	0,296	0,000	0,009	0,020	FALSE

-0,140	0,285	-0,004	0,011	0,126	FALSE
0,034	0,288	0,000	0,007	0,020	FALSE
-0,047	0,302	-0,002	0,011	0,060	FALSE
-0,084	0,287	-0,002	0,010	0,072	FALSE
-0,070	0,285	-0,001	0,011	0,026	FALSE
-0,120	0,289	-0,003	0,011	0,103	FALSE
-0,148	0,277	-0,003	0,008	0,135	FALSE
-0,080	0,275	-0,001	0,008	0,057	FALSE
-0,045	0,294	0,000	0,014	0,007	FALSE
-0,067	0,287	-0,002	0,006	0,157	FALSE
-0,029	0,295	-0,001	0,007	0,043	FALSE
-0,003	0,289	-0,002	0,011	0,089	FALSE
-0,041	0,286	-0,001	0,012	0,020	FALSE
0,024	0,281	-0,001	0,007	0,054	FALSE
0,034	0,289	-0,001	0,007	0,038	FALSE
0,023	0,288	-0,001	0,007	0,055	FALSE
0,109	0,287	0,004	0,012	0,140	FALSE
-0,105	0,289	-0,005	0,012	0,165	FALSE
-0,136	0,286	-0,007	0,012	0,268	FALSE
-0,039	0,299	-0,001	0,012	0,018	FALSE
0,013	0,303	0,000	0,012	0,003	FALSE
0,089	0,292	0,007	0,013	0,211	FALSE
-0,159	0,281	-0,004	0,007	0,223	FALSE
0,048	0,272	0,002	0,010	0,083	FALSE
0,251	0,296	0,008	0,009	0,425	FALSE
0,233	0,290	0,007	0,009	0,374	FALSE
-0,043	0,280	-0,001	0,006	0,080	FALSE
-0,088	0,285	-0,002	0,007	0,090	FALSE
-0,023	0,279	0,001	0,007	0,051	FALSE
0,026	0,299	0,001	0,010	0,053	FALSE
0,084	0,299	0,003	0,010	0,093	FALSE
0,159	0,286	0,005	0,011	0,191	FALSE
-0,001	0,305	0,001	0,008	0,036	FALSE
-0,017	0,307	-0,001	0,009	0,056	FALSE
0,005	0,289	0,001	0,011	0,016	FALSE
-0,039	0,293	0,000	0,006	0,016	FALSE
-0,033	0,292	0,000	0,013	0,007	FALSE
-0,029	0,287	-0,001	0,012	0,024	FALSE
0,008	0,281	-0,001	0,007	0,037	FALSE
-0,125	0,286	-0,003	0,010	0,121	FALSE
-0,143	0,292	-0,004	0,010	0,147	FALSE
-0,133	0,278	-0,003	0,010	0,118	FALSE
0,028	0,296	0,001	0,006	0,048	FALSE
-0,113	0,289	-0,002	0,010	0,089	FALSE
0,104	0,294	0,002	0,011	0,089	FALSE
0,093	0,280	0,004	0,007	0,220	FALSE
0,062	0,286	0,003	0,007	0,195	FALSE
0,096	0,293	0,001	0,010	0,056	FALSE
-0,071	0,287	-0,001	0,009	0,030	FALSE
-0,051	0,290	-0,002	0,007	0,085	FALSE
-0,107	0,277	-0,003	0,009	0,147	FALSE
0,022	0,283	0,001	0,007	0,069	FALSE
-0,035	0,297	-0,001	0,007	0,076	FALSE

0,058	0,288	0,002	0,012	0,078	FALSE
-0,077	0,293	-0,002	0,008	0,077	FALSE
-0,110	0,294	-0,006	0,011	0,217	FALSE
-0,171	0,282	-0,007	0,013	0,212	FALSE
-0,042	0,279	0,000	0,012	0,011	FALSE
-0,103	0,295	-0,003	0,013	0,096	FALSE
-0,105	0,273	-0,002	0,011	0,061	FALSE
-0,099	0,290	-0,003	0,013	0,088	FALSE
0,049	0,285	0,001	0,011	0,037	FALSE
-0,038	0,296	-0,002	0,012	0,057	FALSE
-0,005	0,279	-0,001	0,009	0,038	FALSE
0,020	0,305	0,000	0,009	0,012	FALSE
-0,009	0,291	-0,003	0,012	0,098	FALSE
0,039	0,295	0,001	0,006	0,089	FALSE
-0,051	0,286	-0,004	0,008	0,185	FALSE
0,047	0,283	0,002	0,006	0,122	FALSE
-0,018	0,299	0,000	0,007	0,006	FALSE
-0,034	0,297	-0,002	0,011	0,051	FALSE
0,073	0,295	0,001	0,013	0,030	FALSE
0,089	0,285	0,001	0,013	0,041	FALSE
0,062	0,298	0,002	0,013	0,060	FALSE
-0,063	0,289	-0,003	0,008	0,127	FALSE
0,019	0,293	0,001	0,012	0,036	FALSE
-0,024	0,290	0,001	0,008	0,050	FALSE
0,092	0,279	0,002	0,007	0,127	FALSE
-0,024	0,295	-0,002	0,010	0,066	FALSE
-0,018	0,275	-0,001	0,006	0,054	FALSE
-0,003	0,277	0,002	0,006	0,095	FALSE
0,000	0,279	0,001	0,006	0,091	FALSE
0,007	0,290	-0,001	0,007	0,048	FALSE
-0,011	0,286	0,000	0,011	0,005	FALSE
0,014	0,281	0,001	0,006	0,085	FALSE
0,081	0,290	0,001	0,011	0,042	FALSE
-0,161	0,262	-0,003	0,009	0,110	FALSE
-0,175	0,277	-0,003	0,007	0,176	FALSE
0,132	0,298	0,004	0,011	0,153	FALSE
0,053	0,291	0,002	0,007	0,090	FALSE
-0,080	0,286	-0,002	0,010	0,057	FALSE
-0,058	0,301	-0,001	0,013	0,016	FALSE
0,086	0,305	0,002	0,009	0,066	FALSE
-0,154	0,271	-0,005	0,009	0,280	FALSE
-0,024	0,298	-0,001	0,007	0,031	FALSE
0,024	0,284	0,000	0,012	0,006	FALSE
-0,058	0,289	-0,001	0,006	0,032	FALSE
-0,017	0,292	0,000	0,011	0,009	FALSE
-0,110	0,283	-0,002	0,007	0,140	FALSE
-0,050	0,291	-0,001	0,011	0,026	FALSE
-0,059	0,287	-0,004	0,010	0,149	FALSE
0,112	0,282	0,005	0,010	0,198	FALSE
0,005	0,295	-0,001	0,013	0,034	FALSE
0,047	0,297	0,001	0,010	0,028	FALSE
0,032	0,297	0,001	0,010	0,020	FALSE
0,034	0,294	0,000	0,006	0,026	FALSE

0,122	0,286	0,002	0,006	0,152	FALSE
0,072	0,300	0,000	0,007	0,009	FALSE
-0,042	0,286	-0,005	0,012	0,152	FALSE
-0,022	0,293	0,001	0,013	0,020	FALSE
-0,004	0,294	0,001	0,012	0,037	FALSE
0,049	0,291	0,000	0,011	0,015	FALSE
0,078	0,288	0,003	0,012	0,091	FALSE
0,036	0,295	0,000	0,010	0,017	FALSE
0,157	0,297	0,004	0,008	0,202	FALSE
-0,126	0,282	-0,003	0,006	0,201	FALSE
-0,027	0,290	0,000	0,013	0,001	FALSE
0,052	0,294	0,002	0,013	0,059	FALSE
-0,005	0,295	-0,002	0,009	0,087	FALSE
0,101	0,296	0,004	0,010	0,156	FALSE
0,088	0,297	0,002	0,010	0,075	FALSE
0,048	0,287	0,000	0,010	0,009	FALSE
-0,108	0,297	-0,003	0,009	0,134	FALSE
-0,199	0,264	-0,003	0,007	0,191	FALSE
-0,013	0,298	0,001	0,012	0,016	FALSE
-0,150	0,294	-0,002	0,009	0,094	FALSE
-0,097	0,290	-0,002	0,007	0,143	FALSE
-0,041	0,285	-0,001	0,009	0,062	FALSE
-0,090	0,303	-0,002	0,009	0,104	FALSE
-0,038	0,292	-0,001	0,009	0,030	FALSE
-0,056	0,294	-0,001	0,007	0,066	FALSE
0,006	0,291	-0,002	0,012	0,054	FALSE
0,033	0,297	0,001	0,007	0,054	FALSE
0,060	0,285	0,001	0,007	0,028	FALSE
0,165	0,281	0,008	0,013	0,279	FALSE
-0,038	0,283	0,000	0,012	0,004	FALSE
-0,081	0,297	-0,001	0,009	0,036	FALSE
-0,078	0,287	-0,001	0,009	0,035	FALSE
-0,062	0,284	-0,001	0,007	0,034	FALSE
-0,065	0,297	-0,002	0,013	0,054	FALSE
-0,088	0,278	-0,004	0,010	0,168	FALSE
0,137	0,290	0,003	0,009	0,155	FALSE
0,003	0,291	0,000	0,011	0,002	FALSE
-0,051	0,290	-0,001	0,012	0,039	FALSE
-0,013	0,288	-0,001	0,007	0,026	FALSE
-0,032	0,289	-0,004	0,013	0,117	FALSE
0,095	0,294	0,003	0,008	0,160	FALSE
-0,021	0,298	0,000	0,011	0,010	TRUE
0,145	0,294	0,003	0,009	0,158	FALSE
0,176	0,294	0,004	0,009	0,203	FALSE
0,057	0,299	0,001	0,009	0,047	FALSE
0,105	0,293	0,004	0,010	0,164	FALSE
0,124	0,290	0,003	0,013	0,084	FALSE
-0,004	0,288	0,000	0,008	0,009	FALSE
-0,032	0,284	-0,001	0,009	0,029	FALSE
0,197	0,289	0,006	0,013	0,210	FALSE
0,187	0,283	0,006	0,013	0,194	FALSE
0,172	0,283	0,005	0,012	0,180	FALSE
0,176	0,288	0,005	0,013	0,174	FALSE

-0,092	0,280	-0,002	0,008	0,092	FALSE
-0,081	0,298	-0,001	0,007	0,062	FALSE
-0,065	0,288	0,000	0,009	0,004	FALSE
-0,020	0,296	-0,002	0,010	0,071	FALSE
-0,096	0,284	-0,003	0,010	0,133	FALSE
0,107	0,305	0,005	0,012	0,152	FALSE
-0,092	0,280	-0,002	0,012	0,067	FALSE
0,004	0,296	0,000	0,013	0,004	FALSE
0,196	0,280	0,005	0,009	0,240	FALSE
0,074	0,286	0,003	0,012	0,104	FALSE
0,184	0,284	0,005	0,009	0,226	FALSE
0,050	0,284	0,001	0,006	0,080	FALSE
-0,109	0,292	-0,003	0,011	0,099	FALSE
-0,107	0,279	-0,002	0,011	0,072	FALSE
0,161	0,296	0,005	0,009	0,228	FALSE
0,217	0,277	0,006	0,007	0,353	FALSE
0,083	0,292	0,003	0,007	0,183	FALSE
0,080	0,292	0,003	0,007	0,186	FALSE
-0,132	0,282	-0,004	0,010	0,135	FALSE
0,078	0,295	0,003	0,012	0,090	FALSE
-0,111	0,281	-0,003	0,011	0,115	FALSE
0,050	0,279	0,002	0,012	0,072	FALSE
0,054	0,290	0,003	0,013	0,079	FALSE
0,027	0,289	0,002	0,013	0,052	FALSE
0,073	0,292	0,002	0,008	0,070	FALSE
0,034	0,293	0,000	0,008	0,001	FALSE
-0,279	0,258	-0,011	0,011	0,513	FALSE
0,042	0,286	0,002	0,007	0,090	FALSE
0,091	0,297	0,002	0,012	0,054	FALSE
0,076	0,292	0,003	0,007	0,140	FALSE
-0,006	0,287	0,000	0,006	0,016	FALSE
0,060	0,292	0,001	0,012	0,024	FALSE
0,019	0,289	0,001	0,008	0,052	FALSE
-0,001	0,290	-0,002	0,011	0,056	FALSE
-0,041	0,288	-0,002	0,008	0,081	FALSE
-0,156	0,293	-0,004	0,007	0,229	FALSE
0,071	0,286	0,002	0,008	0,105	FALSE
0,005	0,291	0,001	0,013	0,017	FALSE
-0,088	0,281	-0,004	0,009	0,156	FALSE
0,006	0,292	0,000	0,007	0,002	FALSE
0,018	0,286	0,002	0,010	0,091	FALSE
0,092	0,277	0,006	0,011	0,217	FALSE
0,168	0,281	0,004	0,006	0,278	FALSE
-0,078	0,288	-0,002	0,008	0,113	FALSE
0,175	0,283	0,006	0,012	0,223	FALSE
-0,050	0,288	-0,001	0,006	0,038	FALSE
-0,043	0,285	-0,001	0,006	0,038	FALSE
-0,036	0,273	-0,001	0,006	0,029	FALSE
0,085	0,284	0,002	0,009	0,085	FALSE
-0,044	0,285	0,000	0,011	0,007	FALSE
-0,027	0,289	-0,001	0,007	0,029	FALSE
-0,139	0,290	-0,002	0,007	0,148	FALSE
-0,028	0,303	-0,002	0,008	0,085	FALSE

-0,009	0,310	0,000	0,008	0,009	FALSE
0,039	0,283	0,001	0,012	0,045	FALSE
0,019	0,297	0,000	0,013	0,006	FALSE
0,087	0,281	0,004	0,012	0,130	FALSE
-0,009	0,269	0,000	0,008	0,011	FALSE
0,047	0,298	0,001	0,006	0,040	FALSE
-0,004	0,297	0,000	0,011	0,003	FALSE
-0,135	0,273	-0,006	0,013	0,198	FALSE
-0,063	0,292	-0,001	0,007	0,070	FALSE
0,032	0,291	0,000	0,006	0,007	FALSE
0,029	0,295	0,002	0,013	0,049	FALSE
-0,066	0,280	-0,002	0,008	0,090	FALSE
-0,142	0,276	-0,003	0,008	0,155	FALSE
0,024	0,283	0,000	0,008	0,004	FALSE
-0,217	0,304	-0,008	0,013	0,249	FALSE
0,023	0,289	0,001	0,006	0,039	FALSE
-0,086	0,281	-0,002	0,008	0,080	FALSE
-0,076	0,287	-0,002	0,009	0,061	FALSE
-0,004	0,296	-0,001	0,013	0,040	FALSE
-0,144	0,286	-0,002	0,007	0,136	FALSE
0,173	0,269	0,003	0,007	0,157	FALSE
0,052	0,286	0,000	0,007	0,017	FALSE
0,071	0,299	0,001	0,009	0,046	FALSE
0,068	0,282	0,003	0,008	0,153	FALSE
0,002	0,270	-0,001	0,006	0,048	FALSE
-0,012	0,299	-0,001	0,008	0,045	FALSE
0,025	0,293	0,002	0,008	0,104	FALSE
0,050	0,283	0,002	0,008	0,099	FALSE
0,034	0,298	0,002	0,010	0,070	FALSE
0,058	0,291	0,001	0,013	0,030	FALSE
0,123	0,285	0,001	0,009	0,051	FALSE
-0,014	0,289	-0,001	0,007	0,057	FALSE
-0,019	0,280	-0,001	0,007	0,068	FALSE
-0,064	0,298	-0,005	0,013	0,169	FALSE
-0,076	0,299	-0,003	0,008	0,141	FALSE
-0,011	0,296	-0,002	0,010	0,078	FALSE
-0,001	0,302	0,000	0,010	0,001	FALSE
0,026	0,289	0,001	0,010	0,034	FALSE
-0,021	0,294	-0,001	0,010	0,032	FALSE
-0,015	0,292	0,001	0,013	0,024	FALSE
-0,043	0,309	-0,002	0,008	0,082	FALSE
0,098	0,292	0,002	0,013	0,057	FALSE
0,179	0,296	0,007	0,010	0,283	FALSE
0,006	0,290	0,000	0,007	0,011	FALSE
-0,142	0,290	-0,004	0,009	0,163	FALSE
0,008	0,290	0,000	0,008	0,021	FALSE
-0,038	0,299	-0,001	0,012	0,032	FALSE
-0,221	0,277	-0,004	0,008	0,240	FALSE
0,039	0,279	0,001	0,008	0,041	FALSE
-0,041	0,305	0,000	0,013	0,006	FALSE
0,038	0,283	0,002	0,010	0,069	FALSE
0,037	0,279	0,002	0,010	0,062	FALSE
-0,060	0,287	-0,001	0,008	0,071	FALSE

-0,083	0,291	-0,001	0,010	0,033	FALSE
0,007	0,282	-0,001	0,006	0,040	FALSE
-0,038	0,288	-0,001	0,007	0,045	FALSE
0,045	0,273	0,002	0,012	0,075	FALSE
-0,073	0,296	-0,002	0,008	0,096	FALSE
-0,037	0,302	0,000	0,008	0,009	FALSE
0,038	0,288	0,003	0,012	0,091	FALSE
-0,092	0,288	-0,002	0,006	0,126	FALSE
0,004	0,282	0,001	0,007	0,082	FALSE
-0,070	0,294	-0,002	0,013	0,048	FALSE
-0,024	0,275	0,001	0,008	0,030	FALSE
-0,041	0,276	-0,002	0,008	0,090	FALSE
-0,168	0,289	-0,004	0,008	0,194	FALSE
-0,089	0,287	-0,003	0,012	0,117	FALSE
-0,091	0,285	-0,002	0,010	0,073	FALSE
-0,096	0,293	-0,003	0,011	0,112	FALSE
-0,119	0,280	-0,004	0,013	0,118	FALSE
0,068	0,298	0,002	0,007	0,095	FALSE
0,015	0,283	-0,001	0,008	0,045	FALSE
-0,116	0,290	-0,003	0,010	0,122	FALSE
0,043	0,291	0,003	0,013	0,076	FALSE
-0,197	0,264	-0,008	0,009	0,433	FALSE
0,000	0,295	0,000	0,007	0,015	FALSE
-0,035	0,288	-0,002	0,013	0,047	FALSE
0,052	0,276	0,001	0,008	0,058	FALSE
-0,027	0,284	-0,001	0,006	0,070	FALSE
0,107	0,293	0,002	0,008	0,083	FALSE
-0,039	0,285	-0,001	0,008	0,033	FALSE
-0,057	0,295	-0,001	0,008	0,048	FALSE
-0,016	0,291	-0,001	0,010	0,031	FALSE
-0,104	0,293	-0,001	0,008	0,060	FALSE
0,130	0,291	0,003	0,010	0,133	FALSE
-0,098	0,273	-0,002	0,007	0,104	FALSE
0,002	0,289	-0,001	0,008	0,035	FALSE
-0,029	0,286	-0,001	0,013	0,040	FALSE
-0,063	0,281	-0,002	0,011	0,061	FALSE
-0,080	0,294	-0,002	0,012	0,074	FALSE
-0,102	0,292	-0,004	0,009	0,211	FALSE
-0,101	0,295	-0,003	0,007	0,149	FALSE
0,026	0,293	0,000	0,009	0,002	FALSE
-0,050	0,292	-0,002	0,007	0,111	FALSE
-0,066	0,297	-0,003	0,007	0,141	FALSE
-0,103	0,282	-0,004	0,011	0,135	FALSE
-0,117	0,277	-0,004	0,011	0,152	FALSE
0,041	0,295	0,002	0,008	0,095	FALSE
-0,115	0,301	-0,004	0,011	0,141	FALSE
0,082	0,296	0,001	0,007	0,048	FALSE
0,083	0,296	0,003	0,009	0,119	FALSE
0,064	0,283	0,002	0,011	0,063	FALSE
0,074	0,280	0,001	0,007	0,048	FALSE
0,069	0,288	0,002	0,010	0,057	FALSE
-0,063	0,289	-0,002	0,011	0,063	FALSE
-0,083	0,297	-0,003	0,010	0,108	FALSE

0,023	0,281	0,002	0,011	0,073	FALSE
0,062	0,289	0,002	0,009	0,064	FALSE
0,055	0,289	0,001	0,009	0,044	FALSE
0,180	0,278	0,007	0,012	0,246	FALSE
0,115	0,289	0,002	0,009	0,095	FALSE
-0,093	0,289	-0,003	0,007	0,156	FALSE
-0,112	0,286	-0,002	0,013	0,064	FALSE
0,015	0,301	0,002	0,010	0,089	FALSE
0,009	0,290	0,001	0,013	0,036	FALSE
0,017	0,288	0,002	0,012	0,047	FALSE
0,043	0,300	0,004	0,012	0,137	FALSE
-0,093	0,287	-0,003	0,010	0,106	FALSE
-0,151	0,288	-0,003	0,010	0,141	FALSE
0,052	0,287	-0,001	0,013	0,025	FALSE
0,029	0,291	0,004	0,012	0,116	FALSE
-0,103	0,298	-0,002	0,009	0,095	FALSE
-0,119	0,278	-0,003	0,008	0,116	FALSE
0,155	0,283	0,003	0,006	0,190	FALSE
-0,014	0,281	-0,001	0,013	0,017	FALSE
0,147	0,289	0,003	0,007	0,169	FALSE
0,137	0,288	0,005	0,010	0,238	FALSE
0,070	0,285	0,002	0,007	0,139	FALSE
-0,065	0,277	-0,004	0,012	0,112	FALSE
0,037	0,281	0,002	0,009	0,075	FALSE
-0,001	0,299	0,001	0,010	0,020	FALSE
-0,001	0,297	0,000	0,007	0,020	FALSE
-0,020	0,284	-0,002	0,008	0,072	FALSE
-0,089	0,289	-0,004	0,011	0,141	FALSE
-0,081	0,311	-0,003	0,011	0,116	FALSE
0,000	0,279	0,002	0,012	0,062	FALSE
0,048	0,295	0,001	0,006	0,067	FALSE
0,088	0,281	0,001	0,007	0,058	FALSE
0,086	0,283	0,000	0,006	0,019	FALSE
-0,038	0,298	-0,002	0,008	0,116	FALSE
-0,009	0,295	-0,002	0,012	0,056	FALSE
-0,005	0,280	-0,001	0,007	0,041	FALSE
0,046	0,288	0,002	0,012	0,049	FALSE
0,058	0,303	0,002	0,014	0,044	FALSE
0,045	0,296	0,002	0,013	0,044	FALSE
0,090	0,303	0,003	0,011	0,087	FALSE
0,047	0,285	0,000	0,007	0,012	FALSE
-0,002	0,282	0,001	0,008	0,022	FALSE
-0,050	0,294	-0,002	0,007	0,083	FALSE
0,064	0,287	0,003	0,008	0,122	FALSE
0,068	0,289	0,003	0,010	0,102	FALSE
-0,044	0,286	-0,001	0,007	0,042	FALSE
0,099	0,280	0,003	0,007	0,169	FALSE
0,002	0,304	0,001	0,009	0,045	FALSE
0,041	0,295	0,001	0,008	0,052	FALSE
0,038	0,285	0,001	0,007	0,058	FALSE
0,030	0,289	0,001	0,010	0,039	FALSE
0,052	0,289	0,003	0,012	0,103	FALSE
-0,036	0,290	-0,001	0,008	0,058	FALSE

0,000	0,304	-0,002	0,009	0,074	FALSE
0,000	0,292	0,002	0,011	0,052	FALSE
0,020	0,290	0,002	0,012	0,080	FALSE
-0,090	0,299	-0,003	0,007	0,193	FALSE
0,068	0,298	0,002	0,010	0,073	FALSE
0,060	0,278	0,001	0,008	0,024	FALSE
0,059	0,285	0,001	0,010	0,038	FALSE
-0,033	0,307	-0,001	0,013	0,034	FALSE
0,051	0,298	0,000	0,009	0,021	FALSE
0,033	0,290	0,001	0,008	0,057	FALSE
-0,153	0,285	-0,005	0,013	0,147	FALSE
-0,022	0,312	-0,001	0,011	0,019	FALSE
-0,039	0,298	-0,002	0,008	0,123	FALSE
-0,009	0,272	-0,001	0,012	0,031	FALSE
0,077	0,291	0,002	0,011	0,063	FALSE
0,070	0,288	0,003	0,011	0,097	FALSE
0,018	0,294	0,001	0,008	0,025	FALSE
0,114	0,309	0,004	0,011	0,150	FALSE
-0,122	0,279	-0,002	0,008	0,109	FALSE
-0,197	0,276	-0,004	0,007	0,274	FALSE
0,101	0,286	0,003	0,007	0,145	FALSE
-0,192	0,268	-0,005	0,007	0,305	FALSE
0,055	0,312	0,001	0,007	0,049	FALSE
-0,062	0,282	-0,004	0,013	0,117	FALSE
0,026	0,295	-0,001	0,009	0,049	FALSE
0,083	0,294	0,001	0,007	0,060	FALSE
-0,017	0,282	-0,002	0,012	0,057	FALSE
-0,115	0,286	-0,006	0,012	0,222	FALSE
0,031	0,278	0,003	0,013	0,084	FALSE
-0,118	0,274	-0,004	0,012	0,132	FALSE
-0,129	0,289	-0,005	0,012	0,158	FALSE
-0,122	0,271	-0,003	0,010	0,110	FALSE
0,121	0,281	0,004	0,010	0,153	FALSE
0,018	0,297	0,001	0,007	0,029	FALSE
0,185	0,286	0,005	0,007	0,311	FALSE
-0,094	0,287	-0,003	0,009	0,123	FALSE
0,015	0,296	0,001	0,008	0,025	FALSE
-0,177	0,278	-0,005	0,010	0,233	FALSE
-0,106	0,290	-0,006	0,013	0,194	FALSE
0,057	0,286	0,004	0,012	0,114	FALSE
-0,052	0,294	-0,003	0,011	0,097	FALSE
-0,001	0,295	0,000	0,010	0,002	FALSE
-0,064	0,290	-0,005	0,012	0,153	FALSE
-0,005	0,305	-0,001	0,012	0,041	FALSE
-0,004	0,284	0,001	0,012	0,020	FALSE
-0,048	0,292	-0,001	0,013	0,034	FALSE
0,087	0,296	0,002	0,007	0,131	FALSE
-0,057	0,309	-0,003	0,013	0,092	FALSE
-0,013	0,277	0,001	0,007	0,053	FALSE
0,051	0,293	0,002	0,008	0,110	FALSE
-0,076	0,290	-0,003	0,010	0,114	FALSE
-0,012	0,298	-0,002	0,012	0,048	FALSE
0,032	0,275	0,003	0,008	0,133	FALSE

-0,088	0,307	-0,003	0,009	0,142	FALSE
-0,012	0,302	0,001	0,011	0,037	FALSE
0,083	0,297	0,005	0,012	0,169	FALSE
0,116	0,280	0,007	0,011	0,245	FALSE
-0,006	0,302	-0,001	0,009	0,035	FALSE
0,006	0,304	-0,001	0,009	0,027	FALSE
0,020	0,287	0,002	0,013	0,068	FALSE
0,059	0,292	0,004	0,012	0,122	FALSE
-0,019	0,296	0,000	0,013	0,005	FALSE
0,037	0,273	0,003	0,012	0,087	FALSE
0,122	0,276	0,002	0,008	0,104	FALSE
-0,059	0,287	-0,001	0,007	0,034	FALSE
0,055	0,282	0,002	0,011	0,053	FALSE
-0,060	0,285	-0,004	0,013	0,109	FALSE
-0,072	0,290	-0,003	0,010	0,120	FALSE
-0,036	0,287	0,000	0,007	0,001	FALSE
-0,029	0,303	-0,002	0,012	0,050	FALSE
-0,012	0,292	0,000	0,007	0,019	FALSE
-0,113	0,298	-0,003	0,010	0,100	FALSE
-0,007	0,282	0,000	0,012	0,010	FALSE
-0,011	0,303	-0,001	0,014	0,021	FALSE
-0,028	0,289	-0,002	0,013	0,062	FALSE
0,011	0,279	0,000	0,008	0,005	FALSE
-0,039	0,280	0,001	0,011	0,022	FALSE
-0,114	0,287	-0,002	0,010	0,095	FALSE
0,211	0,278	0,004	0,009	0,209	FALSE
-0,046	0,309	0,000	0,009	0,014	FALSE
-0,039	0,294	-0,002	0,010	0,069	FALSE
0,020	0,292	0,000	0,006	0,026	FALSE
-0,013	0,285	0,000	0,013	0,010	FALSE
-0,011	0,284	0,000	0,010	0,011	FALSE
0,053	0,293	0,003	0,011	0,091	FALSE
0,082	0,283	0,004	0,009	0,159	FALSE
-0,062	0,288	-0,004	0,013	0,125	FALSE
-0,029	0,299	-0,001	0,007	0,032	FALSE
-0,059	0,282	-0,001	0,008	0,026	FALSE
-0,071	0,295	-0,003	0,012	0,084	FALSE
-0,048	0,283	-0,002	0,009	0,079	FALSE
-0,168	0,278	-0,005	0,010	0,218	FALSE
0,163	0,269	0,008	0,012	0,310	FALSE
-0,142	0,280	-0,007	0,013	0,230	FALSE
0,093	0,299	0,002	0,010	0,067	FALSE
0,155	0,290	0,005	0,011	0,195	FALSE
-0,115	0,283	-0,002	0,008	0,102	FALSE
0,080	0,291	0,002	0,010	0,091	FALSE
0,097	0,295	0,003	0,011	0,107	FALSE
0,072	0,288	0,002	0,007	0,084	FALSE
-0,031	0,297	-0,001	0,007	0,064	FALSE
0,004	0,304	-0,001	0,007	0,039	FALSE
-0,147	0,290	-0,003	0,007	0,170	FALSE
0,009	0,297	0,001	0,010	0,043	FALSE
0,060	0,308	0,002	0,009	0,072	FALSE
0,080	0,289	0,003	0,009	0,114	FALSE

0,073	0,287	0,002	0,008	0,111	FALSE
-0,008	0,281	0,000	0,008	0,021	FALSE
-0,066	0,302	-0,003	0,013	0,075	FALSE
0,155	0,282	0,003	0,007	0,172	FALSE
-0,124	0,280	-0,002	0,008	0,116	FALSE
-0,117	0,286	-0,003	0,010	0,143	FALSE
-0,012	0,300	0,000	0,013	0,006	FALSE
0,102	0,279	0,002	0,008	0,119	FALSE
-0,067	0,283	-0,003	0,008	0,131	FALSE
0,057	0,293	0,001	0,009	0,039	FALSE
0,008	0,276	0,001	0,009	0,043	FALSE
0,128	0,278	0,005	0,009	0,222	FALSE
-0,089	0,293	-0,003	0,011	0,103	FALSE
-0,004	0,295	0,001	0,009	0,034	FALSE
0,023	0,309	-0,001	0,013	0,020	FALSE
-0,020	0,282	-0,001	0,012	0,034	FALSE
0,050	0,286	0,001	0,006	0,048	FALSE
-0,032	0,286	-0,001	0,007	0,041	FALSE
0,014	0,281	0,001	0,006	0,045	FALSE
0,014	0,281	0,001	0,011	0,033	FALSE
-0,173	0,282	-0,003	0,007	0,158	FALSE
0,012	0,300	0,001	0,007	0,047	FALSE
0,023	0,292	0,000	0,012	0,009	FALSE
-0,105	0,295	-0,004	0,011	0,135	FALSE
-0,049	0,283	-0,001	0,012	0,036	FALSE
-0,066	0,283	-0,001	0,011	0,027	FALSE
-0,038	0,288	-0,001	0,009	0,035	FALSE
-0,040	0,289	0,000	0,006	0,004	FALSE
0,038	0,307	0,000	0,008	0,013	FALSE
-0,044	0,294	-0,001	0,008	0,038	FALSE
0,041	0,293	0,001	0,007	0,030	FALSE
-0,031	0,293	-0,002	0,012	0,055	FALSE
0,029	0,288	0,000	0,013	0,004	FALSE
-0,084	0,299	-0,002	0,010	0,073	FALSE
-0,020	0,291	0,000	0,012	0,004	FALSE
0,039	0,294	0,000	0,009	0,014	FALSE
-0,048	0,300	-0,002	0,007	0,081	FALSE
-0,039	0,289	-0,002	0,012	0,053	FALSE
-0,047	0,280	-0,002	0,012	0,050	FALSE
-0,032	0,283	-0,002	0,012	0,045	FALSE
-0,001	0,300	0,001	0,009	0,039	FALSE
0,022	0,300	0,001	0,011	0,018	FALSE
0,066	0,290	0,002	0,008	0,115	FALSE
0,062	0,298	0,002	0,009	0,107	FALSE
0,121	0,292	0,005	0,012	0,163	FALSE
0,101	0,303	0,004	0,013	0,116	FALSE
0,112	0,299	0,004	0,012	0,118	FALSE
0,147	0,282	0,006	0,012	0,206	FALSE
-0,020	0,298	-0,001	0,008	0,047	FALSE
0,048	0,286	0,001	0,007	0,066	FALSE
0,071	0,294	0,001	0,007	0,062	FALSE
-0,033	0,284	-0,002	0,012	0,063	FALSE
0,013	0,295	0,000	0,007	0,020	FALSE

0,017	0,293	0,001	0,008	0,058	FALSE
-0,200	0,290	-0,007	0,010	0,303	FALSE
0,142	0,288	0,006	0,013	0,210	FALSE
0,066	0,297	0,002	0,007	0,089	FALSE
-0,109	0,281	-0,005	0,009	0,222	FALSE
-0,126	0,285	-0,004	0,007	0,212	FALSE
0,011	0,293	-0,001	0,013	0,014	FALSE
-0,173	0,295	-0,005	0,013	0,170	FALSE
-0,101	0,286	-0,002	0,009	0,097	FALSE
-0,058	0,284	0,000	0,007	0,023	FALSE
0,021	0,293	0,001	0,007	0,074	FALSE
-0,114	0,294	-0,004	0,013	0,107	FALSE
-0,106	0,290	-0,002	0,007	0,094	FALSE
-0,067	0,288	-0,001	0,010	0,024	FALSE
-0,009	0,293	0,000	0,010	0,011	FALSE
0,066	0,310	0,003	0,014	0,078	FALSE
0,140	0,292	0,004	0,009	0,155	FALSE
0,051	0,290	0,003	0,012	0,092	FALSE
0,143	0,290	0,003	0,008	0,154	FALSE
-0,116	0,292	-0,005	0,013	0,153	FALSE
0,025	0,298	0,001	0,012	0,030	FALSE
0,041	0,287	0,001	0,012	0,041	FALSE
0,023	0,284	0,000	0,007	0,017	FALSE
0,060	0,304	0,003	0,011	0,087	FALSE
0,048	0,298	0,001	0,012	0,032	FALSE
-0,002	0,293	-0,001	0,014	0,038	FALSE
0,190	0,288	0,003	0,007	0,200	FALSE
0,055	0,294	0,000	0,008	0,018	FALSE
0,114	0,281	0,003	0,011	0,111	FALSE
-0,055	0,300	-0,001	0,008	0,067	FALSE
-0,021	0,295	-0,001	0,008	0,025	FALSE
0,062	0,283	0,000	0,007	0,001	FALSE
-0,035	0,289	0,000	0,009	0,012	FALSE
-0,022	0,288	-0,002	0,010	0,079	FALSE
-0,005	0,298	0,000	0,008	0,022	FALSE
0,019	0,292	-0,002	0,010	0,095	FALSE
-0,075	0,280	-0,002	0,009	0,101	FALSE
0,028	0,294	-0,002	0,011	0,064	FALSE
0,067	0,291	0,001	0,008	0,052	FALSE
0,138	0,283	0,003	0,011	0,111	FALSE
-0,039	0,287	-0,002	0,013	0,045	FALSE
-0,078	0,294	-0,002	0,010	0,080	FALSE
0,062	0,299	0,001	0,010	0,032	FALSE
-0,025	0,298	0,001	0,009	0,022	FALSE
0,027	0,293	0,000	0,008	0,006	FALSE
0,035	0,285	0,001	0,010	0,025	FALSE
-0,178	0,288	-0,005	0,010	0,203	FALSE
0,018	0,307	0,000	0,009	0,001	FALSE
0,005	0,289	0,001	0,010	0,034	FALSE
0,026	0,286	0,000	0,013	0,010	FALSE
0,045	0,306	0,001	0,012	0,041	FALSE
-0,217	0,279	-0,006	0,009	0,260	FALSE
-0,037	0,279	0,000	0,008	0,013	FALSE

-0,056	0,276	-0,001	0,008	0,033	FALSE
0,078	0,284	0,003	0,013	0,079	FALSE
0,147	0,290	0,005	0,013	0,163	FALSE
-0,172	0,279	-0,006	0,011	0,206	FALSE
0,071	0,293	0,003	0,012	0,095	FALSE
0,007	0,286	0,000	0,013	0,002	FALSE
-0,065	0,288	-0,002	0,011	0,076	FALSE
0,158	0,281	0,005	0,010	0,229	FALSE
-0,049	0,280	-0,002	0,012	0,080	FALSE
0,003	0,290	-0,001	0,013	0,022	FALSE
0,021	0,293	0,000	0,013	0,011	FALSE
-0,070	0,283	-0,001	0,013	0,038	FALSE
-0,070	0,284	-0,002	0,007	0,090	FALSE
-0,054	0,300	-0,001	0,011	0,043	FALSE
0,143	0,295	0,004	0,009	0,191	FALSE
0,016	0,302	0,001	0,012	0,015	FALSE
-0,001	0,291	0,000	0,009	0,013	FALSE
0,222	0,284	0,007	0,010	0,310	FALSE
-0,016	0,292	0,000	0,007	0,021	FALSE
-0,102	0,289	-0,002	0,007	0,119	FALSE
-0,092	0,296	-0,002	0,007	0,107	FALSE
-0,005	0,294	0,001	0,012	0,020	FALSE
0,015	0,293	0,001	0,006	0,047	FALSE
-0,072	0,281	-0,003	0,012	0,096	FALSE
0,075	0,293	0,003	0,012	0,076	FALSE
-0,137	0,294	-0,003	0,008	0,179	FALSE
0,199	0,276	0,006	0,012	0,206	FALSE
0,080	0,275	0,000	0,011	0,011	FALSE
0,048	0,286	0,001	0,008	0,069	FALSE
0,040	0,304	-0,001	0,012	0,039	FALSE
0,142	0,282	0,003	0,012	0,108	FALSE
0,060	0,299	0,001	0,011	0,026	FALSE
0,053	0,282	0,003	0,012	0,105	FALSE
0,059	0,272	0,004	0,012	0,122	FALSE
0,060	0,278	0,004	0,013	0,107	FALSE
0,010	0,291	0,001	0,012	0,023	FALSE
0,069	0,293	0,001	0,008	0,067	FALSE
0,169	0,295	0,006	0,012	0,197	FALSE
0,096	0,295	0,002	0,008	0,095	FALSE
0,063	0,294	0,002	0,011	0,057	FALSE
-0,048	0,286	-0,001	0,009	0,029	FALSE
0,086	0,297	0,004	0,011	0,151	FALSE
0,048	0,275	0,003	0,010	0,113	FALSE
0,056	0,297	0,000	0,008	0,016	FALSE
-0,053	0,284	0,000	0,006	0,006	FALSE
0,049	0,283	0,002	0,010	0,084	FALSE
0,017	0,287	0,002	0,013	0,045	FALSE
-0,162	0,283	-0,004	0,010	0,151	FALSE
0,014	0,288	0,000	0,008	0,008	FALSE
0,006	0,277	0,000	0,007	0,005	FALSE
0,047	0,277	-0,001	0,012	0,018	FALSE
-0,085	0,284	-0,003	0,010	0,105	FALSE
-0,033	0,284	-0,003	0,007	0,142	FALSE

-0,029	0,290	-0,001	0,006	0,068	FALSE
0,064	0,280	0,004	0,010	0,141	FALSE
0,100	0,278	0,003	0,007	0,180	FALSE
-0,054	0,297	-0,002	0,008	0,074	FALSE
0,108	0,284	0,003	0,008	0,164	FALSE
0,047	0,286	0,001	0,007	0,067	FALSE
0,040	0,286	0,000	0,012	0,005	FALSE
0,060	0,297	0,000	0,009	0,018	FALSE
-0,138	0,299	-0,005	0,009	0,257	FALSE
-0,216	0,283	-0,007	0,010	0,327	FALSE
-0,229	0,282	-0,007	0,011	0,309	FALSE
0,011	0,305	-0,002	0,010	0,064	FALSE
-0,056	0,284	-0,002	0,009	0,091	FALSE
0,016	0,289	0,000	0,010	0,008	FALSE
-0,174	0,289	-0,008	0,012	0,290	FALSE
-0,145	0,288	-0,006	0,011	0,241	FALSE
0,020	0,295	-0,001	0,009	0,051	FALSE
0,013	0,292	0,000	0,013	0,009	FALSE
-0,153	0,303	-0,004	0,010	0,174	FALSE
0,100	0,294	0,005	0,010	0,192	FALSE
-0,055	0,284	-0,003	0,011	0,088	FALSE
-0,003	0,292	0,000	0,007	0,014	FALSE
0,008	0,294	-0,001	0,006	0,037	FALSE
0,017	0,303	-0,001	0,007	0,029	FALSE
0,033	0,288	0,003	0,013	0,100	FALSE
-0,070	0,294	-0,002	0,007	0,136	FALSE
-0,086	0,298	-0,003	0,013	0,086	FALSE
-0,110	0,295	-0,005	0,013	0,166	FALSE
0,015	0,293	0,001	0,012	0,045	FALSE
0,041	0,304	0,002	0,013	0,067	FALSE
-0,045	0,292	-0,002	0,008	0,078	FALSE
0,043	0,293	-0,001	0,011	0,017	FALSE
-0,029	0,294	-0,003	0,013	0,097	FALSE
-0,123	0,293	-0,003	0,006	0,163	FALSE
0,068	0,300	0,002	0,012	0,072	FALSE
-0,040	0,301	-0,003	0,010	0,111	FALSE
0,051	0,308	0,003	0,011	0,108	FALSE
-0,024	0,280	0,000	0,012	0,006	FALSE
-0,093	0,286	-0,005	0,011	0,186	FALSE
0,112	0,289	0,005	0,012	0,179	FALSE
0,122	0,297	0,003	0,009	0,142	FALSE
-0,036	0,282	-0,003	0,013	0,081	FALSE
-0,193	0,289	-0,006	0,011	0,224	FALSE
-0,080	0,295	-0,001	0,008	0,073	FALSE
-0,125	0,293	-0,005	0,010	0,207	FALSE
0,015	0,297	0,000	0,007	0,015	FALSE
-0,060	0,291	-0,003	0,008	0,133	FALSE
0,129	0,293	0,003	0,008	0,152	FALSE
0,124	0,294	0,003	0,008	0,129	FALSE
-0,021	0,285	-0,001	0,009	0,046	FALSE
-0,028	0,293	-0,002	0,011	0,056	FALSE
0,012	0,304	0,001	0,009	0,037	FALSE
0,175	0,277	0,007	0,012	0,261	FALSE

-0,005	0,302	0,000	0,009	0,006	FALSE
-0,215	0,285	-0,004	0,007	0,274	FALSE
0,022	0,271	0,001	0,010	0,035	FALSE
-0,053	0,292	-0,003	0,009	0,116	FALSE
0,085	0,294	0,002	0,009	0,111	FALSE
0,014	0,285	0,000	0,008	0,011	FALSE
-0,048	0,294	-0,002	0,012	0,052	FALSE
0,006	0,285	0,001	0,012	0,021	FALSE
0,078	0,281	0,002	0,010	0,088	FALSE
0,001	0,300	-0,002	0,014	0,045	FALSE
0,121	0,277	0,005	0,009	0,208	FALSE
-0,178	0,275	-0,005	0,013	0,168	FALSE
0,104	0,296	0,002	0,007	0,090	FALSE
0,017	0,297	0,000	0,007	0,002	FALSE
0,108	0,281	0,002	0,012	0,060	FALSE
0,067	0,287	0,002	0,013	0,056	FALSE
-0,044	0,288	-0,001	0,012	0,020	FALSE
-0,024	0,279	0,002	0,008	0,077	FALSE
-0,080	0,284	-0,003	0,010	0,104	FALSE
-0,022	0,290	0,000	0,013	0,004	FALSE
0,162	0,288	0,005	0,011	0,176	FALSE
0,057	0,285	0,002	0,007	0,111	FALSE
-0,059	0,289	-0,002	0,012	0,046	FALSE
0,071	0,286	0,001	0,008	0,065	FALSE
0,034	0,277	0,000	0,012	0,006	FALSE
-0,061	0,284	-0,002	0,010	0,075	FALSE
0,061	0,285	0,002	0,007	0,129	FALSE
0,037	0,295	0,002	0,012	0,069	FALSE
0,023	0,307	0,003	0,011	0,109	FALSE
0,059	0,293	0,003	0,007	0,133	FALSE
-0,014	0,290	-0,001	0,009	0,042	FALSE
0,048	0,292	0,001	0,009	0,033	FALSE
0,077	0,274	0,003	0,010	0,118	FALSE
-0,064	0,280	0,000	0,008	0,013	FALSE
0,092	0,277	0,002	0,008	0,083	FALSE
-0,060	0,290	-0,001	0,011	0,027	FALSE
-0,174	0,263	-0,005	0,007	0,280	FALSE
-0,043	0,287	-0,001	0,008	0,036	FALSE
0,052	0,300	0,002	0,013	0,062	FALSE
0,001	0,293	-0,001	0,012	0,031	FALSE
0,087	0,288	0,001	0,007	0,080	FALSE
-0,067	0,294	-0,004	0,010	0,139	FALSE
-0,009	0,291	-0,001	0,009	0,041	FALSE
-0,107	0,275	-0,003	0,012	0,112	FALSE
0,006	0,294	0,001	0,012	0,018	FALSE
0,084	0,303	0,004	0,012	0,137	FALSE
-0,012	0,294	-0,001	0,008	0,057	FALSE
0,185	0,292	0,004	0,006	0,284	FALSE
0,097	0,295	0,002	0,012	0,064	FALSE
0,098	0,307	0,001	0,008	0,049	FALSE
0,076	0,295	0,002	0,011	0,062	FALSE
-0,162	0,274	-0,003	0,008	0,185	FALSE
-0,031	0,282	-0,002	0,006	0,103	FALSE

-0,031	0,290	-0,002	0,007	0,130	TRUE
-0,047	0,278	-0,003	0,010	0,132	FALSE
0,058	0,274	0,004	0,012	0,122	FALSE
0,051	0,285	0,003	0,012	0,105	FALSE
-0,041	0,292	-0,001	0,013	0,028	FALSE
0,244	0,289	0,006	0,008	0,398	FALSE
0,058	0,284	0,000	0,009	0,017	FALSE
-0,063	0,289	-0,002	0,007	0,085	FALSE
0,093	0,286	0,001	0,007	0,078	FALSE
-0,044	0,285	0,000	0,006	0,010	FALSE
-0,174	0,290	-0,003	0,006	0,204	FALSE
-0,005	0,293	-0,001	0,007	0,034	FALSE
-0,008	0,307	0,001	0,010	0,037	FALSE
0,189	0,271	0,006	0,008	0,312	FALSE
-0,032	0,295	0,000	0,007	0,007	FALSE
0,130	0,281	0,007	0,011	0,263	FALSE
-0,004	0,284	-0,002	0,010	0,057	FALSE
-0,088	0,285	-0,003	0,013	0,103	FALSE
-0,082	0,296	-0,002	0,007	0,131	FALSE
-0,037	0,291	-0,003	0,013	0,091	FALSE
-0,001	0,276	-0,001	0,008	0,036	FALSE
0,057	0,283	0,003	0,012	0,107	FALSE
-0,083	0,290	-0,001	0,011	0,032	FALSE
-0,019	0,288	0,001	0,007	0,028	FALSE
0,078	0,268	0,000	0,008	0,017	FALSE
-0,004	0,274	-0,003	0,010	0,112	FALSE
-0,044	0,283	-0,002	0,007	0,088	FALSE
-0,024	0,274	-0,002	0,008	0,093	FALSE
0,070	0,289	0,001	0,009	0,041	FALSE
-0,108	0,284	-0,003	0,008	0,166	FALSE
-0,053	0,296	-0,003	0,012	0,086	FALSE
0,029	0,284	0,000	0,007	0,005	FALSE
0,021	0,275	0,000	0,008	0,018	FALSE
0,052	0,293	0,002	0,011	0,059	FALSE
0,038	0,291	0,001	0,010	0,023	FALSE
-0,076	0,281	-0,003	0,010	0,137	FALSE
-0,099	0,297	-0,003	0,008	0,128	FALSE
-0,169	0,279	-0,005	0,009	0,258	FALSE
-0,171	0,285	-0,007	0,011	0,301	FALSE
-0,145	0,288	-0,004	0,012	0,140	FALSE
-0,043	0,279	0,000	0,007	0,003	FALSE
0,031	0,286	0,000	0,011	0,006	FALSE
0,061	0,297	0,002	0,010	0,093	FALSE
0,002	0,291	0,000	0,012	0,000	FALSE
-0,023	0,291	0,000	0,012	0,015	FALSE
-0,003	0,296	0,000	0,012	0,014	FALSE
-0,022	0,285	0,000	0,010	0,012	FALSE
0,045	0,295	0,002	0,009	0,072	FALSE
0,005	0,291	0,000	0,010	0,005	FALSE
-0,003	0,293	0,000	0,010	0,012	FALSE
0,025	0,285	0,001	0,008	0,047	FALSE
0,001	0,291	0,001	0,008	0,047	FALSE
-0,020	0,285	-0,002	0,011	0,053	FALSE

0,035	0,288	0,002	0,011	0,080	FALSE
0,028	0,292	0,002	0,011	0,066	FALSE
0,035	0,302	0,003	0,012	0,084	FALSE
0,040	0,294	0,002	0,012	0,075	FALSE
0,140	0,292	0,006	0,010	0,228	FALSE
0,133	0,293	0,005	0,011	0,176	FALSE
0,135	0,284	0,006	0,011	0,212	FALSE
-0,030	0,282	-0,001	0,011	0,045	FALSE
-0,196	0,278	-0,006	0,011	0,245	FALSE
-0,077	0,296	-0,002	0,010	0,096	FALSE
0,167	0,293	0,005	0,008	0,291	FALSE
-0,079	0,283	-0,001	0,006	0,078	FALSE
-0,160	0,273	-0,004	0,007	0,244	FALSE
-0,300	0,261	-0,010	0,011	0,430	FALSE
-0,103	0,288	-0,002	0,009	0,084	FALSE
-0,039	0,291	0,000	0,010	0,005	FALSE
-0,048	0,295	-0,001	0,011	0,042	FALSE
-0,017	0,294	-0,001	0,012	0,028	FALSE
0,225	0,281	0,004	0,008	0,229	FALSE
0,055	0,285	0,002	0,007	0,089	FALSE
-0,070	0,289	-0,001	0,010	0,047	FALSE
0,010	0,287	0,000	0,011	0,005	FALSE
-0,089	0,295	-0,002	0,008	0,099	FALSE
0,086	0,282	0,002	0,009	0,078	FALSE
0,057	0,289	0,001	0,010	0,038	FALSE
0,111	0,285	0,004	0,011	0,146	FALSE
-0,070	0,290	-0,001	0,008	0,034	FALSE
-0,046	0,296	-0,001	0,011	0,020	FALSE
0,023	0,295	0,001	0,013	0,024	FALSE
0,019	0,289	0,003	0,009	0,119	FALSE
0,082	0,285	0,005	0,011	0,162	FALSE
0,119	0,291	0,003	0,010	0,119	FALSE
0,091	0,297	0,003	0,011	0,127	FALSE
0,195	0,283	0,007	0,013	0,221	FALSE
0,071	0,290	0,002	0,009	0,081	FALSE
-0,079	0,294	-0,005	0,011	0,166	FALSE
-0,003	0,289	0,000	0,010	0,006	FALSE
0,000	0,303	0,001	0,011	0,016	FALSE
0,043	0,291	0,002	0,009	0,100	FALSE
0,068	0,292	0,002	0,011	0,077	FALSE
-0,086	0,278	-0,002	0,011	0,055	FALSE
-0,020	0,290	-0,002	0,012	0,077	FALSE
-0,043	0,283	-0,002	0,008	0,077	FALSE
-0,006	0,286	0,001	0,010	0,032	FALSE
-0,110	0,279	-0,001	0,008	0,068	FALSE
-0,070	0,293	-0,003	0,011	0,099	FALSE
0,010	0,308	-0,001	0,013	0,026	FALSE
-0,154	0,276	-0,002	0,008	0,114	FALSE
0,070	0,289	0,001	0,008	0,065	FALSE
-0,061	0,293	-0,001	0,012	0,035	FALSE
0,089	0,277	0,002	0,012	0,063	FALSE
0,205	0,287	0,007	0,009	0,327	FALSE
0,065	0,287	0,001	0,007	0,073	FALSE

-0,145	0,275	-0,002	0,007	0,136	FALSE
0,031	0,294	0,000	0,011	0,008	FALSE
0,032	0,300	0,000	0,006	0,024	FALSE
0,082	0,287	0,004	0,008	0,197	FALSE
-0,009	0,283	-0,001	0,006	0,049	FALSE
0,141	0,287	0,005	0,007	0,283	FALSE
0,116	0,279	0,003	0,006	0,233	FALSE
-0,171	0,287	-0,006	0,010	0,280	FALSE
0,221	0,285	0,009	0,013	0,320	FALSE
0,069	0,295	0,002	0,010	0,071	FALSE
-0,241	0,280	-0,010	0,011	0,399	FALSE
-0,131	0,290	-0,004	0,012	0,142	FALSE
-0,105	0,291	-0,003	0,012	0,112	FALSE
0,054	0,285	0,002	0,007	0,120	FALSE
0,240	0,281	0,008	0,012	0,325	FALSE
-0,139	0,288	-0,002	0,007	0,119	FALSE
0,004	0,296	-0,001	0,009	0,028	FALSE
-0,091	0,292	-0,004	0,013	0,115	FALSE
-0,078	0,284	-0,003	0,013	0,088	FALSE
0,012	0,284	0,000	0,007	0,014	FALSE
0,171	0,291	0,006	0,012	0,220	FALSE
0,063	0,292	0,003	0,013	0,093	FALSE
-0,095	0,298	-0,002	0,008	0,098	FALSE
-0,028	0,301	-0,002	0,013	0,058	FALSE
0,007	0,302	-0,001	0,013	0,016	FALSE
-0,148	0,284	-0,009	0,013	0,297	FALSE
-0,142	0,287	-0,003	0,006	0,158	FALSE
0,000	0,306	-0,001	0,009	0,028	FALSE
-0,097	0,293	-0,002	0,007	0,095	FALSE
-0,110	0,283	-0,002	0,006	0,109	FALSE
-0,009	0,280	0,001	0,009	0,020	FALSE
-0,119	0,281	-0,002	0,006	0,136	FALSE
-0,082	0,284	-0,001	0,007	0,071	FALSE
0,009	0,297	-0,002	0,011	0,058	FALSE
0,031	0,299	0,000	0,013	0,010	FALSE
0,048	0,289	0,001	0,007	0,072	FALSE
-0,038	0,290	-0,002	0,008	0,074	FALSE
0,073	0,294	0,003	0,013	0,081	FALSE
0,055	0,302	0,002	0,013	0,069	FALSE
0,054	0,293	0,002	0,008	0,087	FALSE
0,037	0,285	0,003	0,010	0,097	FALSE
0,074	0,283	0,004	0,010	0,178	FALSE
0,038	0,295	0,002	0,013	0,050	FALSE
0,012	0,283	-0,001	0,010	0,048	FALSE
0,080	0,285	0,004	0,011	0,127	FALSE
0,007	0,301	0,000	0,013	0,007	FALSE
0,025	0,279	0,001	0,012	0,032	FALSE
0,139	0,292	0,004	0,010	0,175	FALSE
-0,081	0,287	-0,004	0,012	0,123	FALSE
0,050	0,295	0,004	0,013	0,121	FALSE
0,128	0,305	0,002	0,006	0,101	FALSE
0,022	0,303	0,000	0,008	0,001	FALSE
0,157	0,280	0,006	0,009	0,269	FALSE

-0,104	0,284	-0,003	0,010	0,103	FALSE
-0,132	0,288	-0,004	0,013	0,115	FALSE
0,177	0,276	0,006	0,010	0,245	FALSE
-0,221	0,270	-0,004	0,006	0,313	FALSE
0,007	0,293	0,001	0,009	0,040	FALSE
0,036	0,298	0,003	0,012	0,096	FALSE
0,076	0,266	0,001	0,010	0,029	FALSE
-0,025	0,292	-0,002	0,013	0,046	FALSE
-0,011	0,282	-0,001	0,008	0,061	FALSE
0,055	0,294	0,002	0,011	0,074	FALSE
0,076	0,280	0,002	0,006	0,155	FALSE
-0,037	0,286	0,000	0,008	0,009	FALSE
0,022	0,293	0,001	0,009	0,058	FALSE
0,014	0,287	0,000	0,008	0,015	FALSE
0,083	0,291	0,003	0,010	0,125	FALSE
0,023	0,302	0,000	0,011	0,005	FALSE
-0,133	0,284	-0,002	0,007	0,140	FALSE
0,078	0,303	0,001	0,007	0,054	FALSE
0,037	0,293	0,001	0,007	0,037	FALSE
0,093	0,283	0,001	0,011	0,048	FALSE
0,131	0,279	0,002	0,010	0,064	FALSE
-0,134	0,298	-0,003	0,007	0,181	FALSE
0,002	0,290	0,000	0,008	0,010	FALSE
0,035	0,292	0,002	0,012	0,075	FALSE
0,024	0,297	0,000	0,013	0,005	FALSE
0,047	0,289	0,001	0,008	0,061	FALSE
0,031	0,288	0,003	0,008	0,129	FALSE
-0,136	0,288	-0,003	0,010	0,101	FALSE
0,066	0,297	0,001	0,010	0,050	FALSE
0,066	0,275	0,003	0,010	0,110	FALSE
-0,136	0,291	-0,003	0,011	0,125	FALSE
-0,087	0,289	-0,003	0,012	0,114	FALSE
0,109	0,264	0,004	0,007	0,197	FALSE
-0,009	0,286	-0,001	0,009	0,047	FALSE
-0,055	0,295	-0,002	0,007	0,085	FALSE
-0,046	0,302	-0,001	0,010	0,039	FALSE
0,011	0,290	0,001	0,006	0,040	FALSE
0,018	0,295	0,000	0,008	0,022	FALSE
0,016	0,283	-0,001	0,011	0,021	FALSE
0,105	0,298	0,002	0,007	0,085	FALSE
0,019	0,297	0,000	0,012	0,008	FALSE
0,038	0,298	0,002	0,008	0,093	FALSE
-0,141	0,288	-0,005	0,012	0,159	FALSE
0,188	0,294	0,004	0,007	0,255	FALSE
0,146	0,296	0,004	0,008	0,224	FALSE
0,203	0,285	0,011	0,013	0,387	FALSE
0,189	0,293	0,010	0,013	0,345	FALSE
0,158	0,288	0,004	0,007	0,248	FALSE
0,139	0,289	0,008	0,013	0,291	FALSE
-0,001	0,286	0,000	0,007	0,008	FALSE
0,068	0,287	0,001	0,007	0,076	FALSE
0,052	0,289	0,001	0,007	0,033	FALSE
0,175	0,287	0,004	0,006	0,309	FALSE

0,043	0,304	0,002	0,013	0,072	FALSE
0,030	0,298	0,001	0,008	0,058	FALSE
0,099	0,291	0,002	0,008	0,076	FALSE
0,125	0,293	0,003	0,008	0,163	FALSE
0,067	0,283	0,003	0,008	0,141	FALSE
0,035	0,277	0,001	0,011	0,029	FALSE
-0,012	0,293	-0,002	0,012	0,051	FALSE
0,209	0,272	0,011	0,012	0,426	FALSE
0,050	0,289	0,002	0,012	0,059	FALSE
-0,052	0,305	-0,001	0,008	0,059	FALSE
0,073	0,291	0,002	0,009	0,082	FALSE
-0,124	0,293	-0,005	0,013	0,178	FALSE
-0,046	0,290	-0,002	0,010	0,070	FALSE
-0,037	0,284	-0,001	0,008	0,070	FALSE
-0,116	0,296	-0,004	0,007	0,237	FALSE
-0,060	0,286	-0,001	0,009	0,039	FALSE
-0,067	0,287	-0,003	0,009	0,149	FALSE
-0,118	0,280	-0,002	0,011	0,084	FALSE
0,092	0,284	0,003	0,010	0,118	FALSE
0,060	0,290	0,001	0,007	0,033	FALSE
0,176	0,280	0,004	0,007	0,259	FALSE
0,109	0,276	0,001	0,007	0,072	FALSE
0,026	0,308	0,000	0,010	0,002	FALSE
-0,012	0,290	0,000	0,007	0,006	FALSE
-0,078	0,290	-0,002	0,007	0,108	FALSE
0,171	0,286	0,004	0,008	0,204	FALSE
0,019	0,291	0,002	0,007	0,083	FALSE
0,013	0,298	0,000	0,007	0,001	FALSE
-0,028	0,298	-0,002	0,008	0,071	FALSE
-0,017	0,292	-0,001	0,008	0,068	FALSE
-0,064	0,293	-0,002	0,007	0,124	FALSE
-0,057	0,278	0,000	0,006	0,012	FALSE
-0,159	0,288	-0,007	0,013	0,215	FALSE
0,062	0,284	0,000	0,011	0,011	FALSE
0,056	0,300	0,000	0,014	0,004	FALSE
0,072	0,294	0,003	0,010	0,112	FALSE
0,080	0,291	0,003	0,012	0,108	FALSE
-0,071	0,290	-0,002	0,008	0,095	FALSE
-0,029	0,297	0,000	0,009	0,008	FALSE
-0,006	0,288	0,000	0,009	0,003	FALSE
-0,052	0,287	-0,002	0,009	0,090	FALSE
-0,003	0,294	-0,001	0,013	0,025	FALSE
-0,097	0,287	-0,003	0,008	0,143	FALSE
0,000	0,293	-0,001	0,012	0,019	FALSE
0,156	0,295	0,008	0,013	0,245	FALSE
0,054	0,292	0,002	0,009	0,107	FALSE
0,003	0,272	0,000	0,012	0,008	FALSE
-0,135	0,276	-0,006	0,010	0,246	FALSE
0,061	0,298	0,001	0,013	0,040	FALSE
0,077	0,287	0,002	0,012	0,061	FALSE
-0,056	0,296	-0,001	0,009	0,030	FALSE
0,009	0,288	0,001	0,010	0,039	FALSE
-0,027	0,288	0,000	0,010	0,003	FALSE

-0,020	0,281	0,000	0,010	0,009	FALSE
0,052	0,285	0,001	0,006	0,047	FALSE
0,053	0,286	0,003	0,011	0,096	FALSE
0,034	0,284	0,002	0,011	0,071	FALSE
0,058	0,287	0,001	0,007	0,051	FALSE
0,090	0,305	0,004	0,011	0,127	FALSE
0,038	0,300	0,001	0,010	0,021	FALSE
-0,145	0,271	-0,003	0,013	0,104	FALSE
-0,002	0,304	0,000	0,011	0,015	FALSE
0,061	0,301	0,001	0,007	0,038	FALSE
-0,032	0,302	-0,002	0,010	0,088	FALSE
-0,185	0,278	-0,006	0,009	0,293	FALSE
-0,017	0,288	-0,001	0,012	0,021	FALSE
0,067	0,299	0,003	0,013	0,082	FALSE
0,090	0,279	0,004	0,012	0,114	FALSE
-0,004	0,297	0,000	0,007	0,021	FALSE
0,080	0,284	0,002	0,011	0,078	FALSE
-0,046	0,277	-0,003	0,010	0,138	FALSE
-0,011	0,280	-0,003	0,011	0,095	FALSE
0,038	0,290	0,003	0,013	0,071	FALSE
-0,024	0,296	-0,002	0,009	0,072	FALSE
-0,036	0,290	-0,001	0,010	0,047	FALSE
-0,054	0,298	-0,002	0,011	0,074	FALSE
-0,074	0,287	-0,004	0,012	0,136	FALSE
0,138	0,282	0,004	0,011	0,149	FALSE
0,086	0,287	0,003	0,013	0,083	FALSE
-0,042	0,285	0,000	0,010	0,018	FALSE
-0,003	0,295	0,000	0,006	0,023	FALSE
-0,020	0,295	0,000	0,011	0,003	FALSE
0,065	0,290	0,002	0,009	0,073	FALSE
-0,130	0,292	-0,005	0,010	0,182	FALSE
0,030	0,286	0,002	0,009	0,064	FALSE
-0,077	0,291	-0,002	0,012	0,070	FALSE
0,042	0,304	0,005	0,013	0,144	FALSE
0,132	0,292	0,004	0,009	0,167	FALSE
0,042	0,281	-0,003	0,013	0,073	FALSE
-0,016	0,291	0,001	0,009	0,044	FALSE
0,162	0,288	0,004	0,009	0,172	FALSE
-0,023	0,305	0,001	0,013	0,023	FALSE
-0,066	0,278	-0,001	0,009	0,029	FALSE
-0,067	0,286	-0,002	0,007	0,094	FALSE
-0,078	0,290	-0,002	0,007	0,127	FALSE
-0,103	0,278	-0,003	0,013	0,085	FALSE
-0,074	0,290	-0,002	0,007	0,116	FALSE
-0,087	0,303	-0,002	0,008	0,121	FALSE
-0,056	0,296	-0,001	0,009	0,039	FALSE
-0,067	0,299	-0,001	0,010	0,053	FALSE
-0,058	0,280	-0,001	0,012	0,020	FALSE
0,016	0,285	0,000	0,009	0,013	FALSE
0,164	0,276	0,006	0,010	0,256	FALSE
0,093	0,275	0,003	0,006	0,182	FALSE
-0,073	0,306	-0,003	0,010	0,138	FALSE
-0,084	0,283	-0,004	0,009	0,164	FALSE

-0,072	0,278	-0,003	0,009	0,143	FALSE
-0,074	0,298	-0,003	0,010	0,133	FALSE
-0,112	0,282	-0,003	0,008	0,142	FALSE
0,079	0,279	0,004	0,012	0,124	FALSE
0,049	0,285	0,002	0,011	0,065	FALSE
-0,013	0,282	-0,001	0,008	0,060	FALSE
0,038	0,310	0,000	0,009	0,015	FALSE
-0,057	0,286	-0,002	0,011	0,051	FALSE
0,001	0,293	0,002	0,011	0,053	FALSE
0,175	0,286	0,008	0,013	0,282	TRUE
0,160	0,288	0,006	0,012	0,186	FALSE
0,185	0,282	0,007	0,012	0,275	FALSE
-0,062	0,289	-0,003	0,010	0,125	FALSE
-0,022	0,283	0,001	0,007	0,032	FALSE
0,092	0,286	0,002	0,008	0,105	FALSE
0,000	0,290	0,002	0,010	0,092	FALSE
0,006	0,299	0,000	0,007	0,003	FALSE
-0,102	0,295	-0,003	0,012	0,087	FALSE
-0,098	0,295	-0,004	0,012	0,151	FALSE
-0,091	0,290	-0,003	0,010	0,111	FALSE
-0,088	0,281	-0,003	0,008	0,146	FALSE
0,009	0,284	0,000	0,006	0,023	FALSE
0,115	0,304	0,002	0,008	0,112	FALSE
0,093	0,286	0,002	0,008	0,081	FALSE
-0,073	0,287	-0,001	0,006	0,057	FALSE
-0,086	0,296	-0,002	0,013	0,068	FALSE
0,091	0,282	0,003	0,009	0,133	FALSE
0,122	0,273	0,005	0,013	0,140	FALSE
0,074	0,287	0,003	0,007	0,140	FALSE
0,029	0,282	0,000	0,008	0,020	FALSE
-0,063	0,303	-0,003	0,010	0,114	FALSE
0,113	0,291	0,002	0,008	0,096	FALSE
0,028	0,282	0,002	0,008	0,086	FALSE
0,142	0,291	0,004	0,009	0,197	FALSE
0,019	0,288	0,001	0,007	0,061	FALSE
-0,027	0,290	-0,001	0,012	0,029	FALSE
0,087	0,300	0,005	0,013	0,153	FALSE
-0,079	0,308	-0,003	0,010	0,118	FALSE
-0,006	0,287	0,000	0,010	0,016	FALSE
-0,004	0,288	-0,001	0,011	0,040	FALSE
0,085	0,290	0,003	0,010	0,113	FALSE
-0,076	0,292	-0,004	0,013	0,117	FALSE
0,052	0,279	0,002	0,006	0,113	FALSE
0,075	0,280	0,004	0,011	0,133	FALSE
0,059	0,296	0,002	0,013	0,042	FALSE
-0,038	0,272	-0,003	0,011	0,094	FALSE
0,178	0,296	0,005	0,009	0,237	FALSE
-0,069	0,282	-0,002	0,007	0,122	FALSE
0,015	0,282	0,000	0,007	0,001	FALSE
0,125	0,290	0,003	0,007	0,175	FALSE
-0,042	0,294	-0,001	0,008	0,038	FALSE
0,185	0,289	0,003	0,007	0,181	FALSE
0,037	0,296	0,002	0,011	0,085	FALSE

-0,001	0,284	0,000	0,009	0,016	FALSE
-0,012	0,292	-0,001	0,009	0,028	FALSE
0,010	0,290	0,001	0,009	0,053	FALSE
-0,080	0,298	-0,002	0,008	0,083	FALSE
0,011	0,295	0,000	0,007	0,007	FALSE
-0,044	0,294	-0,002	0,010	0,082	FALSE
-0,046	0,285	-0,002	0,009	0,074	FALSE
-0,085	0,286	-0,003	0,012	0,106	FALSE
-0,048	0,291	-0,002	0,010	0,077	FALSE
-0,090	0,299	-0,003	0,011	0,114	FALSE
0,012	0,283	0,001	0,006	0,075	FALSE
0,006	0,305	0,000	0,009	0,009	FALSE
-0,005	0,293	0,000	0,009	0,012	FALSE
0,100	0,298	0,005	0,013	0,168	FALSE
0,029	0,289	0,003	0,013	0,078	FALSE
0,114	0,295	0,003	0,013	0,089	FALSE
-0,031	0,279	0,000	0,010	0,008	FALSE
-0,037	0,303	-0,001	0,013	0,037	FALSE
0,126	0,291	0,004	0,009	0,179	FALSE
0,026	0,285	0,000	0,013	0,010	FALSE
-0,126	0,299	-0,003	0,008	0,135	FALSE
-0,063	0,300	-0,001	0,007	0,062	FALSE
0,092	0,293	0,001	0,009	0,021	FALSE
-0,096	0,276	-0,002	0,009	0,064	FALSE
-0,047	0,300	-0,002	0,006	0,092	FALSE
-0,037	0,293	-0,001	0,007	0,069	FALSE
-0,015	0,283	-0,001	0,011	0,041	FALSE
-0,013	0,287	-0,001	0,011	0,033	FALSE
-0,027	0,280	-0,001	0,010	0,034	FALSE
0,013	0,320	0,001	0,008	0,024	FALSE
0,065	0,299	0,002	0,007	0,088	FALSE
-0,021	0,269	0,000	0,007	0,015	FALSE
-0,002	0,286	0,001	0,011	0,051	FALSE
0,077	0,301	0,001	0,008	0,042	FALSE
-0,032	0,293	-0,001	0,011	0,039	FALSE
-0,055	0,284	0,000	0,006	0,004	FALSE
-0,035	0,300	0,000	0,011	0,008	FALSE
-0,069	0,297	-0,002	0,008	0,087	FALSE
-0,116	0,291	-0,001	0,008	0,052	FALSE
-0,032	0,298	-0,001	0,007	0,059	FALSE
0,076	0,292	0,001	0,007	0,064	FALSE
0,099	0,284	0,004	0,008	0,194	FALSE
0,040	0,289	0,001	0,011	0,035	FALSE
0,031	0,287	0,000	0,006	0,013	FALSE
-0,007	0,282	-0,001	0,013	0,028	FALSE
0,050	0,286	0,002	0,012	0,073	FALSE
-0,109	0,293	-0,003	0,013	0,103	FALSE
-0,156	0,290	-0,006	0,012	0,199	FALSE
-0,011	0,293	0,000	0,009	0,002	FALSE
0,069	0,298	0,002	0,010	0,084	FALSE
0,094	0,284	0,002	0,008	0,112	FALSE
0,000	0,293	0,000	0,012	0,010	FALSE
0,140	0,291	0,002	0,008	0,112	FALSE

-0,052	0,305	-0,001	0,012	0,018	FALSE
0,031	0,305	0,002	0,011	0,081	FALSE
0,005	0,288	0,000	0,012	0,010	FALSE
0,078	0,301	0,003	0,012	0,115	FALSE
0,004	0,302	0,000	0,009	0,016	FALSE
-0,037	0,280	-0,002	0,012	0,077	FALSE
-0,034	0,296	-0,003	0,012	0,081	FALSE
-0,063	0,296	-0,004	0,012	0,123	FALSE
-0,052	0,286	-0,003	0,012	0,096	FALSE
-0,035	0,296	-0,002	0,009	0,100	FALSE
-0,005	0,301	0,000	0,008	0,014	FALSE
-0,034	0,297	-0,002	0,013	0,051	FALSE
-0,050	0,298	-0,002	0,013	0,058	FALSE
0,034	0,290	0,001	0,012	0,040	FALSE
0,036	0,292	0,000	0,007	0,005	FALSE
-0,053	0,277	0,000	0,013	0,002	FALSE
0,139	0,295	0,006	0,012	0,191	FALSE
0,128	0,300	0,003	0,010	0,126	FALSE
-0,013	0,291	0,000	0,007	0,010	FALSE
-0,055	0,301	-0,003	0,012	0,082	FALSE
0,005	0,306	0,001	0,013	0,025	FALSE
0,056	0,284	0,001	0,006	0,039	FALSE
-0,136	0,294	-0,004	0,010	0,164	FALSE
-0,052	0,278	0,002	0,013	0,060	FALSE
-0,039	0,286	0,003	0,013	0,078	FALSE
-0,018	0,292	-0,001	0,007	0,038	FALSE
0,032	0,282	0,001	0,010	0,043	FALSE
0,048	0,274	0,000	0,011	0,016	FALSE
-0,153	0,266	-0,005	0,009	0,215	FALSE
-0,081	0,292	-0,001	0,007	0,050	FALSE
-0,029	0,289	0,001	0,007	0,030	FALSE
-0,052	0,300	-0,001	0,008	0,066	FALSE
-0,079	0,288	-0,004	0,010	0,149	FALSE
-0,086	0,287	-0,003	0,010	0,136	FALSE
-0,106	0,284	-0,003	0,011	0,096	FALSE
-0,037	0,283	0,000	0,007	0,009	FALSE
0,034	0,298	0,002	0,011	0,055	FALSE
-0,140	0,287	-0,004	0,010	0,161	FALSE
0,122	0,291	0,003	0,009	0,154	FALSE
-0,107	0,283	-0,003	0,008	0,149	FALSE
-0,041	0,288	-0,001	0,008	0,063	FALSE
0,064	0,287	0,002	0,007	0,111	FALSE
0,039	0,286	0,001	0,007	0,061	FALSE
0,022	0,288	0,002	0,011	0,059	FALSE
0,033	0,299	0,002	0,012	0,052	FALSE
-0,004	0,300	0,000	0,007	0,023	FALSE
0,098	0,291	0,003	0,007	0,188	FALSE
0,138	0,270	0,005	0,011	0,166	FALSE
0,078	0,276	0,001	0,012	0,036	FALSE
0,019	0,283	0,000	0,007	0,025	FALSE
0,090	0,301	0,001	0,010	0,034	FALSE
0,055	0,296	0,000	0,010	0,016	FALSE
0,086	0,287	0,004	0,009	0,189	FALSE

0,008	0,295	0,000	0,007	0,011	FALSE
-0,023	0,281	-0,001	0,006	0,039	FALSE
-0,064	0,277	-0,004	0,010	0,139	FALSE
-0,073	0,263	0,000	0,006	0,014	FALSE
0,053	0,292	0,003	0,011	0,119	FALSE
-0,029	0,275	0,000	0,010	0,001	FALSE
0,048	0,291	0,000	0,007	0,012	FALSE
0,126	0,274	0,004	0,013	0,124	FALSE
0,094	0,292	0,001	0,008	0,059	FALSE
0,006	0,286	0,002	0,013	0,051	FALSE
-0,047	0,304	-0,001	0,011	0,030	FALSE
0,152	0,282	0,004	0,008	0,227	FALSE
0,052	0,283	0,002	0,010	0,057	FALSE
-0,081	0,285	-0,002	0,009	0,085	FALSE
0,017	0,291	0,002	0,008	0,074	FALSE
0,130	0,288	0,003	0,009	0,132	FALSE
0,081	0,289	0,002	0,010	0,091	FALSE
-0,080	0,283	-0,004	0,012	0,144	FALSE
-0,148	0,278	-0,006	0,010	0,290	FALSE
-0,004	0,296	0,000	0,009	0,015	FALSE
-0,034	0,294	-0,003	0,012	0,084	FALSE
-0,009	0,299	0,001	0,011	0,022	FALSE
-0,174	0,293	-0,004	0,007	0,259	FALSE
-0,024	0,296	-0,001	0,008	0,052	FALSE
-0,062	0,278	-0,001	0,010	0,043	FALSE
0,048	0,295	0,000	0,007	0,002	FALSE
0,016	0,286	0,000	0,007	0,021	FALSE
0,057	0,290	0,000	0,008	0,013	FALSE
-0,131	0,304	-0,003	0,007	0,168	FALSE
0,142	0,291	0,004	0,010	0,146	FALSE
0,053	0,287	0,001	0,007	0,048	FALSE
0,034	0,288	-0,001	0,009	0,030	FALSE
-0,083	0,286	-0,001	0,009	0,055	FALSE
0,164	0,289	0,006	0,012	0,206	FALSE
0,040	0,308	0,002	0,009	0,095	FALSE
0,058	0,289	0,001	0,008	0,061	FALSE
-0,087	0,297	-0,002	0,012	0,062	FALSE
-0,007	0,295	0,002	0,012	0,061	FALSE
0,031	0,284	0,002	0,010	0,061	FALSE
0,042	0,309	0,002	0,008	0,091	FALSE
-0,084	0,303	-0,002	0,012	0,063	FALSE
0,023	0,289	0,001	0,008	0,055	FALSE
0,089	0,273	0,001	0,008	0,065	FALSE
0,240	0,280	0,009	0,009	0,506	FALSE
0,019	0,284	-0,002	0,013	0,045	FALSE
0,006	0,286	-0,002	0,012	0,055	FALSE
0,043	0,295	-0,001	0,012	0,040	FALSE
0,031	0,290	0,005	0,013	0,145	FALSE
-0,075	0,296	-0,002	0,012	0,069	FALSE
0,082	0,269	0,002	0,011	0,079	FALSE
-0,054	0,287	-0,001	0,012	0,025	FALSE
0,008	0,283	0,000	0,009	0,016	FALSE
0,013	0,287	0,001	0,009	0,021	FALSE

-0,007	0,295	-0,001	0,012	0,036	FALSE
-0,050	0,300	-0,001	0,013	0,027	FALSE
-0,008	0,273	0,000	0,011	0,006	FALSE
0,064	0,300	0,001	0,008	0,055	FALSE
0,054	0,290	0,001	0,008	0,045	FALSE
0,043	0,279	0,001	0,010	0,029	FALSE
0,024	0,287	0,000	0,008	0,010	FALSE
0,001	0,295	0,000	0,009	0,013	FALSE
0,019	0,289	0,001	0,010	0,039	FALSE
-0,043	0,306	0,000	0,008	0,019	FALSE
-0,125	0,279	-0,002	0,007	0,132	FALSE
-0,024	0,273	-0,003	0,009	0,117	FALSE
-0,041	0,266	-0,003	0,011	0,089	FALSE
0,089	0,277	0,003	0,009	0,114	FALSE
-0,054	0,288	-0,001	0,008	0,070	FALSE
-0,057	0,298	-0,002	0,013	0,063	FALSE
0,013	0,297	0,000	0,007	0,017	FALSE
0,099	0,292	0,003	0,007	0,187	FALSE
-0,029	0,304	0,000	0,009	0,012	FALSE
-0,062	0,293	-0,004	0,011	0,128	FALSE
0,077	0,297	0,004	0,010	0,167	FALSE
0,110	0,289	0,003	0,009	0,102	FALSE
0,000	0,287	0,000	0,009	0,013	FALSE
-0,009	0,285	0,000	0,009	0,001	FALSE
0,035	0,292	0,001	0,008	0,025	FALSE
-0,003	0,286	-0,001	0,008	0,032	FALSE
-0,018	0,298	-0,001	0,008	0,031	FALSE
0,023	0,290	0,000	0,007	0,012	FALSE
0,119	0,285	0,004	0,010	0,153	FALSE
0,035	0,297	0,002	0,010	0,071	FALSE
0,068	0,290	0,003	0,010	0,112	FALSE
0,081	0,302	0,003	0,010	0,120	FALSE
-0,017	0,295	0,000	0,010	0,013	FALSE
0,037	0,294	0,001	0,008	0,033	FALSE
-0,038	0,302	-0,002	0,008	0,097	FALSE
-0,046	0,299	-0,001	0,007	0,034	FALSE
-0,085	0,281	-0,001	0,006	0,081	FALSE
-0,052	0,302	-0,002	0,007	0,093	FALSE
0,026	0,300	0,001	0,010	0,023	FALSE
-0,104	0,295	-0,002	0,007	0,111	FALSE
0,070	0,290	0,001	0,011	0,044	FALSE
-0,017	0,302	-0,002	0,012	0,066	FALSE
0,080	0,295	0,003	0,013	0,090	FALSE
0,067	0,274	0,002	0,008	0,069	FALSE
0,102	0,279	0,002	0,013	0,063	FALSE
-0,048	0,301	0,000	0,010	0,013	FALSE
0,218	0,285	0,006	0,010	0,253	FALSE
-0,089	0,293	-0,001	0,009	0,044	FALSE
-0,084	0,304	-0,002	0,009	0,101	FALSE
0,067	0,290	0,002	0,010	0,078	FALSE
0,071	0,277	0,005	0,012	0,149	FALSE
0,063	0,286	0,005	0,012	0,145	FALSE
0,016	0,286	0,002	0,012	0,064	FALSE

-0,033	0,293	0,000	0,012	0,002	FALSE
-0,029	0,300	0,001	0,012	0,015	FALSE
-0,038	0,287	0,000	0,012	0,010	FALSE
-0,027	0,291	0,000	0,012	0,012	FALSE
0,166	0,286	0,004	0,011	0,155	FALSE
0,123	0,294	0,003	0,010	0,132	FALSE
0,035	0,303	0,001	0,007	0,075	FALSE
-0,048	0,274	0,000	0,011	0,015	FALSE
0,076	0,288	0,001	0,007	0,060	FALSE
0,026	0,287	0,000	0,006	0,015	FALSE
0,049	0,292	0,002	0,008	0,075	FALSE
0,047	0,276	0,001	0,008	0,024	FALSE
-0,227	0,270	-0,010	0,012	0,391	FALSE
0,106	0,296	0,005	0,009	0,232	FALSE
0,082	0,288	0,003	0,007	0,165	FALSE
0,168	0,284	0,005	0,007	0,315	FALSE
-0,037	0,284	-0,002	0,007	0,101	FALSE
0,087	0,284	0,002	0,009	0,070	FALSE
-0,018	0,299	-0,001	0,008	0,027	FALSE
-0,021	0,283	0,000	0,008	0,004	FALSE
0,072	0,291	0,002	0,011	0,062	FALSE
-0,111	0,273	-0,005	0,012	0,168	FALSE
-0,050	0,289	-0,002	0,013	0,063	FALSE
0,096	0,296	0,004	0,013	0,133	FALSE
-0,063	0,291	-0,001	0,007	0,074	FALSE
0,024	0,297	0,000	0,009	0,019	FALSE
0,030	0,304	0,000	0,009	0,007	FALSE
-0,072	0,288	-0,002	0,009	0,076	FALSE
0,041	0,314	0,002	0,008	0,078	FALSE
-0,029	0,293	-0,001	0,008	0,073	FALSE
0,024	0,284	0,001	0,011	0,028	FALSE
0,042	0,289	0,001	0,011	0,038	FALSE
0,036	0,293	0,000	0,008	0,009	FALSE
0,131	0,286	0,005	0,011	0,185	FALSE
0,067	0,289	0,002	0,011	0,075	FALSE
0,075	0,310	0,003	0,012	0,089	FALSE
0,002	0,286	-0,001	0,007	0,033	FALSE
0,115	0,286	0,002	0,007	0,118	FALSE
-0,079	0,288	-0,002	0,007	0,098	FALSE
0,051	0,300	0,002	0,007	0,080	FALSE
-0,138	0,297	-0,004	0,013	0,120	FALSE
-0,096	0,295	-0,004	0,013	0,112	FALSE
-0,264	0,263	-0,008	0,010	0,386	FALSE
0,064	0,298	0,002	0,007	0,113	FALSE
-0,087	0,293	-0,002	0,007	0,090	FALSE
0,054	0,294	0,003	0,013	0,077	FALSE
0,068	0,280	0,004	0,011	0,158	FALSE
0,025	0,285	0,002	0,011	0,070	FALSE
0,023	0,288	0,002	0,011	0,072	FALSE
0,035	0,282	0,003	0,008	0,151	FALSE
-0,084	0,295	-0,004	0,013	0,120	FALSE
0,044	0,295	0,003	0,009	0,114	FALSE
-0,043	0,283	0,000	0,009	0,008	FALSE

0,012	0,290	0,001	0,009	0,026	FALSE
-0,051	0,284	-0,002	0,009	0,082	FALSE
-0,018	0,282	0,002	0,011	0,061	FALSE
-0,075	0,289	-0,001	0,011	0,028	FALSE
0,027	0,297	0,000	0,006	0,017	FALSE
-0,118	0,282	-0,002	0,007	0,150	FALSE
-0,003	0,275	0,002	0,013	0,059	FALSE
0,040	0,295	0,001	0,013	0,027	FALSE
0,087	0,297	0,005	0,011	0,175	FALSE
-0,124	0,295	-0,003	0,008	0,162	FALSE
0,135	0,296	0,002	0,008	0,117	FALSE
0,143	0,284	0,006	0,010	0,245	FALSE
0,139	0,284	0,003	0,009	0,141	FALSE
-0,058	0,288	-0,002	0,009	0,081	FALSE
-0,121	0,284	-0,004	0,011	0,138	FALSE
0,012	0,299	0,001	0,012	0,039	FALSE
-0,042	0,287	-0,001	0,011	0,048	FALSE
-0,095	0,295	-0,004	0,013	0,129	FALSE
0,144	0,282	0,003	0,007	0,174	FALSE
0,006	0,301	0,000	0,010	0,003	FALSE
0,100	0,278	0,002	0,009	0,089	FALSE
-0,044	0,284	0,000	0,007	0,006	FALSE
-0,045	0,273	0,000	0,008	0,001	FALSE
0,006	0,270	0,000	0,011	0,009	FALSE
0,042	0,279	0,001	0,007	0,061	FALSE
-0,034	0,291	-0,001	0,013	0,037	FALSE
0,045	0,287	-0,001	0,007	0,028	FALSE
-0,002	0,301	0,000	0,013	0,001	FALSE
-0,049	0,287	-0,002	0,012	0,070	FALSE
-0,057	0,289	0,000	0,008	0,007	FALSE
-0,133	0,274	-0,006	0,013	0,202	FALSE
-0,083	0,283	-0,003	0,010	0,144	FALSE
-0,060	0,289	-0,002	0,009	0,097	FALSE
0,121	0,296	0,004	0,009	0,178	FALSE
-0,033	0,291	-0,001	0,006	0,037	FALSE
0,063	0,284	0,004	0,013	0,120	FALSE
-0,077	0,283	-0,002	0,011	0,076	FALSE
0,032	0,276	0,002	0,009	0,060	FALSE
-0,049	0,292	-0,002	0,009	0,093	FALSE
0,097	0,291	0,002	0,008	0,075	FALSE
0,109	0,295	0,003	0,012	0,090	FALSE
-0,164	0,279	-0,004	0,008	0,205	FALSE
0,069	0,300	0,002	0,013	0,048	FALSE
-0,019	0,288	0,000	0,011	0,013	FALSE
0,022	0,287	0,000	0,008	0,002	FALSE
-0,075	0,294	-0,003	0,012	0,084	FALSE
-0,157	0,276	-0,003	0,007	0,164	FALSE
0,016	0,289	0,000	0,007	0,021	FALSE
-0,044	0,288	-0,002	0,013	0,044	FALSE
-0,056	0,300	-0,001	0,010	0,051	FALSE
-0,115	0,281	-0,006	0,011	0,230	FALSE
-0,024	0,291	0,000	0,011	0,006	FALSE
-0,069	0,279	-0,002	0,009	0,104	FALSE

0,102	0,285	0,005	0,012	0,160	FALSE
-0,102	0,299	-0,004	0,009	0,172	FALSE
-0,049	0,295	-0,001	0,009	0,037	FALSE
-0,160	0,289	-0,003	0,006	0,198	FALSE
0,055	0,283	0,001	0,008	0,068	FALSE
0,030	0,287	-0,001	0,007	0,062	FALSE
0,011	0,299	0,002	0,012	0,060	FALSE
0,013	0,292	0,002	0,013	0,071	FALSE
0,071	0,298	0,004	0,011	0,136	FALSE
0,102	0,294	0,002	0,008	0,110	FALSE
0,085	0,293	0,002	0,009	0,078	FALSE
0,049	0,304	0,002	0,010	0,063	FALSE
0,082	0,286	0,002	0,011	0,055	FALSE
0,082	0,279	0,001	0,011	0,050	FALSE
0,067	0,294	0,001	0,012	0,034	FALSE
-0,038	0,278	0,000	0,007	0,008	FALSE
0,104	0,283	0,005	0,013	0,165	FALSE
0,029	0,302	0,000	0,007	0,024	FALSE
0,017	0,286	-0,001	0,012	0,037	FALSE
0,068	0,296	0,000	0,006	0,025	FALSE
0,103	0,296	0,004	0,011	0,139	FALSE
-0,083	0,276	-0,004	0,010	0,164	FALSE
0,080	0,296	0,003	0,013	0,084	FALSE
-0,087	0,286	-0,002	0,007	0,126	FALSE
0,037	0,291	0,001	0,008	0,069	FALSE
0,133	0,290	0,004	0,009	0,175	FALSE
0,117	0,297	0,004	0,012	0,128	FALSE
0,098	0,277	0,001	0,009	0,044	FALSE
0,018	0,282	-0,002	0,010	0,066	FALSE
-0,060	0,294	-0,001	0,009	0,055	FALSE
0,031	0,296	0,000	0,007	0,015	FALSE
-0,116	0,295	-0,005	0,009	0,243	FALSE
0,032	0,278	0,000	0,007	0,012	FALSE
0,000	0,285	0,001	0,009	0,037	FALSE
-0,014	0,276	-0,003	0,012	0,096	FALSE
-0,210	0,288	-0,005	0,008	0,301	FALSE
-0,067	0,297	-0,002	0,007	0,115	FALSE
0,071	0,291	0,003	0,011	0,091	FALSE
0,080	0,292	0,003	0,011	0,110	FALSE
0,065	0,284	0,002	0,008	0,076	FALSE
0,073	0,282	0,002	0,007	0,084	FALSE
0,026	0,298	0,002	0,008	0,094	FALSE
0,124	0,294	0,006	0,013	0,174	FALSE
0,084	0,291	0,002	0,008	0,124	FALSE
-0,192	0,281	-0,004	0,006	0,258	FALSE
-0,134	0,294	-0,005	0,012	0,176	FALSE
0,008	0,277	0,000	0,008	0,003	FALSE
0,047	0,302	0,002	0,011	0,061	FALSE
0,170	0,289	0,003	0,006	0,216	FALSE
0,069	0,302	0,002	0,010	0,084	FALSE
0,039	0,298	0,002	0,010	0,072	FALSE
0,061	0,289	0,002	0,009	0,075	FALSE
0,004	0,287	0,002	0,008	0,084	FALSE

0,019	0,289	0,000	0,012	0,009	FALSE
-0,031	0,286	-0,002	0,009	0,089	FALSE
0,133	0,274	0,005	0,011	0,186	FALSE
-0,030	0,270	0,001	0,010	0,053	FALSE
0,055	0,294	0,002	0,012	0,065	FALSE
-0,077	0,279	-0,003	0,012	0,104	FALSE
0,021	0,293	0,001	0,008	0,061	FALSE
-0,059	0,283	-0,004	0,013	0,107	FALSE
0,002	0,285	0,001	0,008	0,026	FALSE
-0,018	0,281	0,001	0,008	0,044	FALSE
0,022	0,302	0,004	0,013	0,114	FALSE
-0,097	0,292	-0,003	0,013	0,081	FALSE
0,076	0,291	0,001	0,009	0,034	FALSE
-0,001	0,283	0,001	0,011	0,025	FALSE
-0,048	0,287	-0,002	0,008	0,130	FALSE
-0,021	0,299	-0,002	0,011	0,063	FALSE
-0,065	0,284	-0,001	0,008	0,043	FALSE
0,054	0,293	0,003	0,011	0,113	FALSE
0,013	0,286	-0,002	0,012	0,048	FALSE
-0,242	0,271	-0,008	0,013	0,256	FALSE
0,037	0,289	0,001	0,009	0,040	FALSE
-0,065	0,290	-0,002	0,008	0,100	FALSE
-0,011	0,298	0,001	0,009	0,024	FALSE
0,017	0,290	0,003	0,012	0,092	FALSE
-0,087	0,289	-0,004	0,013	0,109	FALSE
-0,142	0,287	-0,005	0,010	0,203	FALSE
0,135	0,297	0,006	0,012	0,199	FALSE
-0,051	0,293	-0,001	0,007	0,055	FALSE
0,048	0,292	0,002	0,013	0,067	FALSE
-0,075	0,293	-0,001	0,010	0,047	FALSE
-0,036	0,291	-0,001	0,007	0,031	FALSE
-0,052	0,304	-0,003	0,013	0,090	FALSE
0,020	0,290	0,002	0,008	0,075	FALSE
-0,027	0,279	-0,002	0,010	0,055	FALSE
-0,032	0,285	-0,001	0,010	0,036	FALSE
0,046	0,295	0,002	0,012	0,058	FALSE
0,061	0,300	0,001	0,007	0,045	FALSE
0,063	0,290	0,002	0,008	0,084	FALSE
0,029	0,294	0,000	0,007	0,006	FALSE
0,168	0,275	0,004	0,007	0,234	FALSE
0,060	0,290	0,001	0,010	0,045	FALSE
-0,001	0,285	0,000	0,008	0,003	FALSE
-0,056	0,298	-0,001	0,007	0,029	FALSE
0,057	0,294	0,000	0,007	0,012	FALSE
0,042	0,290	0,000	0,013	0,001	FALSE
-0,033	0,293	-0,003	0,008	0,136	FALSE
0,123	0,298	0,002	0,007	0,141	FALSE
0,096	0,284	0,004	0,013	0,112	FALSE
0,052	0,294	0,003	0,010	0,127	FALSE
0,050	0,296	0,002	0,011	0,058	FALSE
-0,007	0,294	-0,001	0,007	0,066	FALSE
-0,050	0,284	-0,002	0,008	0,086	FALSE
0,072	0,294	0,004	0,011	0,137	FALSE

-0,010	0,289	0,000	0,007	0,019	FALSE
0,179	0,288	0,004	0,006	0,252	FALSE
-0,145	0,266	-0,002	0,008	0,083	FALSE
0,142	0,292	0,002	0,009	0,106	FALSE
0,029	0,293	0,000	0,007	0,001	FALSE
0,050	0,295	0,003	0,011	0,098	FALSE
0,041	0,300	0,002	0,009	0,070	FALSE
-0,037	0,287	-0,003	0,009	0,107	FALSE
0,091	0,281	0,002	0,012	0,056	FALSE
-0,009	0,277	-0,001	0,012	0,025	FALSE
0,047	0,288	0,001	0,009	0,049	FALSE
0,001	0,286	-0,001	0,011	0,032	FALSE
0,021	0,301	0,000	0,011	0,006	FALSE
0,022	0,298	0,001	0,008	0,068	FALSE
-0,101	0,282	-0,003	0,009	0,119	FALSE
0,002	0,284	0,000	0,006	0,012	FALSE
0,026	0,291	0,002	0,011	0,058	FALSE
0,188	0,279	0,007	0,013	0,220	FALSE
0,048	0,280	0,001	0,007	0,054	FALSE
0,020	0,301	0,002	0,013	0,055	FALSE
0,046	0,290	0,003	0,008	0,156	FALSE
0,064	0,292	0,003	0,007	0,186	FALSE
0,026	0,277	0,002	0,007	0,138	FALSE
0,059	0,287	0,003	0,008	0,174	FALSE
0,024	0,273	0,003	0,007	0,144	FALSE
0,021	0,285	0,001	0,009	0,024	FALSE
0,083	0,270	0,002	0,008	0,117	FALSE
0,039	0,279	0,001	0,008	0,052	FALSE
0,095	0,274	0,002	0,011	0,053	FALSE
0,215	0,285	0,004	0,007	0,255	FALSE
-0,035	0,310	-0,001	0,012	0,021	FALSE
0,163	0,294	0,003	0,007	0,187	FALSE
0,043	0,290	0,001	0,006	0,083	FALSE
0,027	0,305	0,002	0,011	0,065	FALSE
0,113	0,289	0,003	0,008	0,135	FALSE
0,118	0,276	0,003	0,007	0,154	FALSE
0,032	0,290	0,003	0,012	0,082	FALSE
-0,021	0,290	-0,001	0,008	0,053	FALSE
-0,114	0,284	-0,002	0,006	0,127	FALSE
-0,013	0,292	-0,001	0,006	0,041	FALSE
-0,080	0,286	-0,001	0,008	0,047	FALSE
0,015	0,277	0,002	0,009	0,100	FALSE
0,013	0,277	0,002	0,008	0,077	FALSE
-0,065	0,287	0,000	0,006	0,021	FALSE
-0,057	0,280	-0,001	0,009	0,030	FALSE
-0,134	0,290	-0,002	0,006	0,114	FALSE
-0,022	0,295	-0,001	0,007	0,046	FALSE
-0,128	0,283	-0,004	0,011	0,139	FALSE
-0,108	0,300	-0,003	0,012	0,083	FALSE
-0,006	0,293	0,000	0,008	0,012	FALSE
0,015	0,301	0,000	0,007	0,006	FALSE
0,086	0,288	0,002	0,011	0,060	FALSE
0,004	0,301	0,000	0,009	0,014	FALSE

0,009	0,292	0,000	0,006	0,019	FALSE
0,073	0,292	0,003	0,009	0,123	FALSE
0,073	0,298	0,003	0,009	0,123	FALSE
0,038	0,296	0,002	0,009	0,075	FALSE
-0,045	0,279	-0,001	0,008	0,041	FALSE
-0,040	0,289	-0,002	0,011	0,065	FALSE
0,035	0,307	0,000	0,006	0,005	FALSE
-0,035	0,278	-0,001	0,012	0,033	FALSE
-0,020	0,294	0,000	0,006	0,024	FALSE
0,114	0,297	0,007	0,013	0,218	FALSE
0,120	0,278	0,008	0,012	0,302	FALSE
-0,019	0,288	0,000	0,010	0,001	FALSE
-0,099	0,287	-0,003	0,007	0,151	FALSE
0,047	0,285	0,002	0,009	0,087	FALSE
0,101	0,289	0,005	0,013	0,139	FALSE
0,022	0,292	0,001	0,010	0,020	FALSE
0,004	0,307	0,000	0,011	0,001	FALSE
-0,015	0,307	-0,001	0,011	0,022	FALSE
0,003	0,291	0,000	0,010	0,005	FALSE
-0,030	0,292	-0,001	0,010	0,022	FALSE
-0,034	0,300	-0,001	0,010	0,027	FALSE
-0,126	0,295	-0,004	0,010	0,177	FALSE
-0,018	0,287	0,000	0,011	0,005	FALSE
0,063	0,289	0,002	0,007	0,088	FALSE
-0,020	0,293	-0,001	0,007	0,071	FALSE
0,018	0,290	0,000	0,008	0,004	FALSE
-0,053	0,287	-0,001	0,013	0,029	FALSE
-0,047	0,274	0,000	0,012	0,011	FALSE
0,109	0,291	0,002	0,007	0,103	FALSE
-0,098	0,282	-0,002	0,009	0,096	FALSE
0,078	0,282	0,003	0,009	0,118	FALSE
-0,018	0,302	-0,002	0,013	0,059	FALSE
-0,019	0,286	0,000	0,007	0,005	FALSE
0,081	0,278	0,004	0,012	0,120	FALSE
0,055	0,308	0,002	0,009	0,070	FALSE
0,163	0,288	0,006	0,009	0,293	FALSE
-0,011	0,283	-0,001	0,009	0,039	FALSE
-0,151	0,283	-0,005	0,011	0,195	FALSE
0,025	0,285	0,000	0,007	0,017	FALSE
-0,044	0,301	-0,002	0,010	0,065	FALSE
0,045	0,285	0,002	0,007	0,093	FALSE
-0,003	0,301	-0,002	0,007	0,094	FALSE
-0,006	0,292	0,000	0,011	0,005	FALSE
-0,028	0,289	-0,005	0,012	0,161	FALSE
0,032	0,284	0,000	0,007	0,000	FALSE
-0,058	0,297	-0,002	0,010	0,068	FALSE
-0,002	0,300	-0,001	0,010	0,033	FALSE
0,020	0,295	0,000	0,008	0,012	FALSE
0,075	0,303	0,002	0,006	0,149	FALSE
-0,035	0,291	-0,002	0,010	0,067	FALSE
0,101	0,295	0,003	0,006	0,179	FALSE
0,052	0,290	0,004	0,012	0,117	FALSE
-0,166	0,290	-0,003	0,007	0,159	FALSE

-0,079	0,290	-0,001	0,008	0,060	FALSE
0,151	0,285	0,006	0,011	0,250	FALSE
-0,057	0,287	-0,002	0,007	0,092	FALSE
-0,036	0,296	-0,001	0,010	0,044	FALSE
0,001	0,284	0,000	0,013	0,010	FALSE
-0,081	0,278	-0,001	0,006	0,089	FALSE
0,168	0,281	0,002	0,006	0,129	FALSE
0,173	0,284	0,002	0,007	0,151	FALSE
0,105	0,287	0,001	0,007	0,072	FALSE
-0,068	0,290	-0,002	0,011	0,052	FALSE
0,050	0,283	0,000	0,008	0,008	FALSE
0,045	0,291	0,002	0,008	0,095	FALSE
-0,029	0,296	0,000	0,013	0,005	FALSE
0,068	0,289	0,002	0,012	0,061	FALSE
-0,001	0,283	-0,001	0,010	0,039	FALSE
-0,008	0,278	0,003	0,012	0,094	FALSE
0,058	0,283	-0,001	0,012	0,027	FALSE
0,124	0,289	0,003	0,008	0,167	FALSE
-0,019	0,288	0,000	0,010	0,015	FALSE
-0,038	0,309	-0,001	0,008	0,025	FALSE
0,029	0,286	0,001	0,010	0,050	FALSE
0,016	0,270	0,000	0,012	0,002	FALSE
0,116	0,290	0,002	0,007	0,136	FALSE
-0,014	0,290	0,000	0,010	0,010	FALSE
-0,085	0,294	-0,003	0,009	0,124	FALSE
0,062	0,300	0,004	0,014	0,109	FALSE
-0,068	0,278	-0,002	0,012	0,064	FALSE
-0,056	0,287	-0,001	0,006	0,081	FALSE
-0,029	0,290	0,000	0,008	0,010	FALSE
-0,064	0,281	-0,003	0,012	0,091	FALSE
0,004	0,283	0,002	0,008	0,070	FALSE
0,013	0,306	0,001	0,009	0,028	FALSE
0,022	0,299	0,001	0,010	0,036	FALSE
0,040	0,287	0,000	0,010	0,015	FALSE
0,069	0,280	0,001	0,006	0,054	FALSE
-0,127	0,287	-0,006	0,013	0,192	FALSE
0,094	0,284	0,002	0,009	0,066	FALSE
0,092	0,276	0,002	0,009	0,072	FALSE
-0,078	0,278	-0,002	0,012	0,052	FALSE
0,039	0,295	0,002	0,008	0,081	FALSE
-0,029	0,279	-0,003	0,011	0,119	FALSE
-0,103	0,299	-0,003	0,013	0,089	FALSE
-0,102	0,289	-0,006	0,011	0,207	FALSE
-0,111	0,285	-0,007	0,011	0,254	FALSE
-0,100	0,284	-0,006	0,011	0,208	FALSE
0,040	0,276	0,000	0,012	0,003	FALSE
-0,072	0,292	-0,001	0,007	0,070	FALSE
-0,243	0,280	-0,010	0,013	0,346	FALSE
-0,049	0,281	-0,004	0,013	0,114	FALSE
0,082	0,276	0,003	0,008	0,159	FALSE
-0,129	0,275	-0,005	0,012	0,157	FALSE
-0,130	0,279	-0,002	0,010	0,095	FALSE
0,088	0,274	0,002	0,007	0,088	FALSE

0,038	0,305	0,001	0,012	0,036	FALSE
0,094	0,299	0,000	0,007	0,022	FALSE
-0,031	0,289	-0,001	0,011	0,025	FALSE
-0,043	0,282	-0,001	0,011	0,022	FALSE
0,016	0,289	0,001	0,013	0,018	FALSE
-0,038	0,297	-0,002	0,009	0,066	FALSE
0,021	0,273	0,001	0,007	0,044	FALSE
0,002	0,290	0,001	0,009	0,050	FALSE
0,054	0,285	0,001	0,013	0,033	FALSE
-0,104	0,296	-0,002	0,010	0,082	FALSE
-0,105	0,297	-0,002	0,010	0,087	FALSE
-0,090	0,291	-0,002	0,009	0,069	FALSE
0,135	0,287	0,003	0,007	0,208	FALSE
-0,168	0,281	-0,004	0,010	0,183	FALSE
-0,086	0,282	-0,002	0,010	0,076	FALSE
0,074	0,289	0,003	0,013	0,087	FALSE
-0,267	0,275	-0,008	0,010	0,365	FALSE
-0,052	0,285	-0,002	0,009	0,096	FALSE
-0,229	0,276	-0,007	0,010	0,318	FALSE
0,053	0,299	0,001	0,010	0,032	FALSE
0,036	0,292	0,002	0,007	0,121	FALSE
-0,260	0,284	-0,006	0,008	0,347	FALSE
0,108	0,293	0,003	0,007	0,174	FALSE
0,091	0,296	0,003	0,007	0,159	FALSE
0,144	0,290	0,006	0,009	0,283	FALSE
-0,069	0,280	-0,002	0,011	0,066	FALSE
0,134	0,287	0,002	0,008	0,117	FALSE
0,007	0,283	0,001	0,012	0,033	FALSE
-0,041	0,291	0,000	0,007	0,012	FALSE
-0,095	0,273	-0,001	0,008	0,043	FALSE
0,134	0,299	0,003	0,007	0,158	FALSE
-0,158	0,284	-0,003	0,006	0,196	FALSE
0,177	0,275	0,006	0,011	0,233	FALSE
-0,049	0,283	-0,001	0,008	0,057	FALSE
-0,015	0,283	-0,001	0,013	0,040	FALSE
-0,062	0,293	-0,001	0,007	0,085	FALSE
-0,031	0,290	-0,002	0,007	0,084	FALSE
0,020	0,284	0,001	0,011	0,035	FALSE
-0,047	0,286	-0,001	0,011	0,025	FALSE
-0,090	0,292	-0,003	0,007	0,138	FALSE
0,137	0,294	0,003	0,008	0,157	FALSE
0,021	0,288	0,000	0,008	0,013	FALSE
0,008	0,293	0,001	0,012	0,038	FALSE
-0,158	0,286	-0,006	0,011	0,240	FALSE
0,113	0,300	0,003	0,009	0,152	FALSE
-0,058	0,280	-0,003	0,012	0,081	FALSE
-0,100	0,297	-0,004	0,013	0,111	FALSE
-0,107	0,290	-0,003	0,009	0,145	FALSE
0,071	0,284	0,004	0,011	0,126	FALSE
-0,073	0,285	-0,005	0,013	0,158	FALSE
-0,008	0,286	0,000	0,006	0,001	FALSE
-0,138	0,287	-0,003	0,007	0,155	FALSE
0,031	0,278	0,000	0,009	0,020	FALSE

0,103	0,291	0,003	0,011	0,088	FALSE
0,084	0,301	0,003	0,012	0,081	FALSE
-0,066	0,275	-0,003	0,012	0,094	FALSE
0,099	0,299	0,002	0,009	0,085	FALSE
0,161	0,278	0,007	0,012	0,242	FALSE
0,046	0,284	0,002	0,011	0,055	FALSE
0,036	0,283	0,001	0,011	0,043	FALSE
0,062	0,289	0,003	0,013	0,090	FALSE
0,004	0,282	-0,001	0,009	0,044	FALSE
0,025	0,275	0,000	0,009	0,009	FALSE
0,065	0,294	0,002	0,009	0,103	FALSE
0,092	0,279	0,003	0,007	0,157	FALSE
0,042	0,297	0,001	0,007	0,027	FALSE
0,037	0,284	0,001	0,007	0,029	FALSE
0,014	0,305	0,000	0,008	0,001	FALSE
-0,055	0,294	-0,002	0,009	0,068	FALSE
-0,026	0,283	-0,002	0,012	0,070	FALSE
-0,010	0,297	0,001	0,007	0,037	FALSE
-0,048	0,291	-0,003	0,013	0,088	FALSE
0,128	0,292	0,005	0,013	0,165	FALSE
0,019	0,303	0,000	0,009	0,001	FALSE
-0,071	0,284	-0,002	0,009	0,099	FALSE
0,119	0,301	0,002	0,008	0,119	FALSE
0,027	0,290	-0,001	0,011	0,020	FALSE
0,019	0,302	0,002	0,010	0,065	FALSE
0,000	0,299	-0,001	0,008	0,024	FALSE
0,046	0,300	0,001	0,009	0,038	FALSE
0,115	0,277	0,003	0,010	0,137	FALSE
-0,040	0,284	0,000	0,008	0,008	FALSE
0,001	0,298	0,002	0,012	0,061	FALSE
-0,010	0,284	0,001	0,007	0,051	FALSE
-0,020	0,294	0,000	0,011	0,007	FALSE
-0,012	0,291	-0,001	0,011	0,029	FALSE
-0,019	0,289	0,000	0,011	0,004	TRUE
-0,017	0,294	0,000	0,011	0,002	FALSE
-0,014	0,287	0,001	0,010	0,019	FALSE
-0,128	0,280	-0,002	0,007	0,102	FALSE
-0,026	0,284	0,000	0,010	0,017	FALSE
0,075	0,308	0,001	0,013	0,032	FALSE
0,057	0,280	0,001	0,012	0,024	FALSE
0,088	0,276	0,002	0,007	0,150	FALSE
-0,093	0,300	-0,003	0,010	0,130	FALSE
-0,012	0,292	-0,001	0,007	0,071	FALSE
-0,048	0,273	0,000	0,009	0,008	FALSE
0,019	0,285	0,001	0,011	0,032	FALSE
0,107	0,276	0,001	0,006	0,083	FALSE
-0,084	0,284	-0,002	0,009	0,102	FALSE
-0,051	0,309	-0,001	0,010	0,042	FALSE
-0,171	0,283	-0,006	0,013	0,194	FALSE
-0,114	0,290	-0,005	0,013	0,154	FALSE
0,193	0,257	0,010	0,012	0,383	FALSE
0,066	0,296	0,001	0,006	0,044	FALSE
0,006	0,288	0,001	0,011	0,019	FALSE

-0,120	0,282	-0,003	0,008	0,167	FALSE
0,047	0,281	0,000	0,008	0,015	FALSE
-0,066	0,281	-0,003	0,011	0,119	FALSE
-0,007	0,285	-0,001	0,009	0,024	FALSE
0,042	0,285	0,001	0,009	0,047	FALSE
-0,030	0,299	0,001	0,012	0,022	FALSE
0,011	0,294	-0,001	0,008	0,036	FALSE
-0,052	0,292	0,000	0,007	0,008	FALSE
0,019	0,299	0,002	0,011	0,071	FALSE
0,030	0,296	0,001	0,010	0,037	FALSE
-0,012	0,292	0,001	0,009	0,035	FALSE
0,179	0,288	0,007	0,012	0,268	FALSE
0,018	0,301	0,000	0,009	0,002	FALSE
-0,022	0,296	-0,001	0,010	0,045	FALSE
0,024	0,286	0,000	0,007	0,024	FALSE
0,161	0,279	0,006	0,012	0,204	FALSE
0,040	0,281	0,001	0,007	0,066	FALSE
0,022	0,285	0,000	0,007	0,004	FALSE
-0,010	0,289	-0,001	0,007	0,033	FALSE
-0,046	0,296	-0,002	0,009	0,090	FALSE
0,032	0,288	0,001	0,011	0,019	FALSE
-0,033	0,291	-0,002	0,008	0,080	FALSE
0,047	0,289	0,004	0,011	0,144	FALSE
-0,046	0,288	0,000	0,013	0,004	FALSE
-0,013	0,306	0,001	0,013	0,025	FALSE
0,013	0,300	0,000	0,013	0,012	FALSE
-0,017	0,292	-0,002	0,010	0,064	FALSE
0,143	0,280	0,003	0,007	0,197	FALSE
-0,041	0,281	-0,001	0,012	0,028	FALSE
-0,179	0,277	-0,005	0,010	0,217	FALSE
-0,053	0,297	0,000	0,010	0,005	FALSE
-0,002	0,289	0,001	0,010	0,052	FALSE
-0,086	0,293	-0,002	0,007	0,116	FALSE
0,127	0,295	0,003	0,007	0,210	FALSE
-0,182	0,273	-0,004	0,010	0,182	FALSE
-0,131	0,291	-0,006	0,012	0,218	FALSE
-0,034	0,279	0,000	0,008	0,017	FALSE
0,031	0,293	0,001	0,008	0,037	FALSE
0,091	0,293	0,002	0,007	0,093	FALSE
0,133	0,275	0,006	0,010	0,244	FALSE
-0,028	0,291	0,000	0,009	0,002	FALSE
0,013	0,283	0,002	0,012	0,070	FALSE
0,029	0,290	0,003	0,013	0,106	FALSE
-0,146	0,284	-0,003	0,008	0,130	FALSE
0,058	0,285	0,001	0,010	0,023	FALSE
0,009	0,289	0,001	0,013	0,040	FALSE
-0,036	0,295	0,000	0,006	0,005	FALSE
-0,033	0,291	0,000	0,007	0,003	FALSE
0,043	0,284	0,000	0,010	0,016	FALSE
0,016	0,275	0,000	0,009	0,009	FALSE
-0,037	0,293	-0,003	0,013	0,075	FALSE
0,031	0,291	0,004	0,012	0,139	FALSE
0,112	0,306	0,006	0,013	0,188	FALSE

0,082	0,293	0,005	0,012	0,157	FALSE
0,025	0,279	0,001	0,007	0,068	FALSE
0,037	0,296	0,000	0,013	0,008	TRUE
-0,034	0,283	0,001	0,011	0,017	FALSE
-0,036	0,285	-0,003	0,013	0,072	FALSE
-0,123	0,298	-0,002	0,007	0,127	FALSE
-0,147	0,283	-0,006	0,013	0,212	FALSE
-0,019	0,281	-0,001	0,010	0,058	FALSE
-0,073	0,284	-0,003	0,010	0,138	FALSE
-0,051	0,297	-0,001	0,007	0,049	FALSE
0,094	0,305	0,002	0,007	0,085	FALSE
0,133	0,279	0,005	0,011	0,209	FALSE
0,013	0,292	0,000	0,008	0,002	FALSE
-0,023	0,285	-0,001	0,008	0,034	FALSE
-0,026	0,281	-0,001	0,007	0,049	FALSE
-0,036	0,291	-0,001	0,007	0,056	FALSE
-0,030	0,299	-0,001	0,008	0,043	FALSE
-0,127	0,300	-0,003	0,008	0,143	FALSE
0,052	0,291	0,000	0,012	0,003	FALSE
-0,063	0,284	-0,005	0,013	0,142	FALSE
0,037	0,269	0,004	0,013	0,142	FALSE
-0,011	0,290	0,002	0,013	0,067	FALSE
0,018	0,286	-0,001	0,009	0,059	FALSE
-0,029	0,283	-0,001	0,013	0,029	FALSE
0,016	0,313	0,000	0,011	0,014	FALSE
0,162	0,287	0,004	0,006	0,260	FALSE
0,101	0,302	0,005	0,012	0,171	FALSE
0,000	0,277	0,001	0,012	0,029	FALSE
-0,006	0,293	0,000	0,012	0,009	FALSE
0,007	0,276	0,001	0,012	0,034	FALSE
-0,151	0,265	-0,003	0,007	0,171	FALSE
0,044	0,279	0,002	0,011	0,073	FALSE
0,015	0,292	0,000	0,010	0,010	FALSE
-0,066	0,305	-0,004	0,013	0,104	FALSE
0,212	0,286	0,006	0,008	0,301	FALSE
0,034	0,283	0,004	0,013	0,114	FALSE
-0,097	0,295	-0,003	0,013	0,076	FALSE
0,019	0,281	0,000	0,012	0,003	FALSE
-0,091	0,277	-0,002	0,012	0,057	FALSE
0,033	0,291	0,001	0,008	0,045	FALSE
0,086	0,289	0,003	0,009	0,118	FALSE
-0,025	0,304	-0,001	0,011	0,020	FALSE
-0,009	0,296	0,001	0,011	0,023	FALSE
0,097	0,289	0,003	0,008	0,124	FALSE
-0,031	0,280	0,000	0,008	0,008	FALSE
-0,035	0,303	0,000	0,009	0,014	FALSE
0,120	0,287	0,003	0,007	0,205	FALSE
-0,140	0,275	-0,004	0,011	0,136	FALSE
0,000	0,303	0,000	0,010	0,014	FALSE
-0,005	0,294	-0,001	0,011	0,046	FALSE
0,115	0,284	0,002	0,009	0,095	FALSE
0,005	0,294	-0,001	0,010	0,041	FALSE
-0,067	0,271	0,000	0,013	0,001	FALSE

-0,076	0,282	-0,005	0,012	0,158	FALSE
-0,060	0,296	-0,001	0,011	0,034	FALSE
0,042	0,284	0,001	0,010	0,051	FALSE
-0,009	0,290	0,000	0,007	0,016	FALSE
0,020	0,285	0,000	0,011	0,000	FALSE
0,046	0,279	0,001	0,011	0,028	FALSE
0,136	0,290	0,006	0,013	0,198	FALSE
-0,019	0,292	0,000	0,010	0,006	FALSE
-0,008	0,293	-0,001	0,012	0,035	FALSE
0,015	0,290	0,001	0,006	0,077	FALSE
0,012	0,291	0,001	0,006	0,067	FALSE
0,068	0,300	0,002	0,013	0,067	FALSE
0,059	0,287	0,000	0,007	0,024	FALSE
0,050	0,291	0,002	0,012	0,061	FALSE
0,046	0,296	0,003	0,013	0,073	FALSE
-0,010	0,297	-0,001	0,007	0,033	FALSE
-0,011	0,297	0,000	0,007	0,025	FALSE
0,078	0,293	0,002	0,010	0,078	FALSE
0,055	0,297	0,000	0,008	0,020	FALSE
0,144	0,275	0,002	0,007	0,132	FALSE
-0,132	0,280	-0,003	0,008	0,154	FALSE
-0,125	0,283	-0,005	0,011	0,178	FALSE
-0,073	0,281	-0,002	0,008	0,107	FALSE
0,177	0,288	0,006	0,012	0,195	FALSE
-0,068	0,281	-0,002	0,010	0,061	FALSE
-0,019	0,303	-0,001	0,012	0,027	FALSE
-0,058	0,299	-0,002	0,008	0,112	FALSE
0,057	0,288	0,001	0,007	0,067	FALSE
0,076	0,286	0,001	0,009	0,036	FALSE
-0,047	0,277	-0,001	0,006	0,072	FALSE
-0,009	0,297	-0,003	0,011	0,104	FALSE
-0,077	0,302	-0,003	0,008	0,133	FALSE
-0,066	0,293	-0,001	0,007	0,075	FALSE
0,009	0,277	-0,002	0,010	0,080	FALSE
-0,036	0,282	-0,002	0,012	0,072	FALSE
-0,056	0,289	-0,002	0,010	0,086	FALSE
-0,128	0,282	-0,003	0,010	0,128	FALSE
0,111	0,296	0,004	0,012	0,127	FALSE
0,048	0,283	0,003	0,008	0,131	FALSE
0,132	0,283	0,003	0,006	0,227	FALSE
0,035	0,300	0,001	0,007	0,072	FALSE
-0,104	0,274	-0,001	0,008	0,043	FALSE
0,046	0,286	0,000	0,012	0,003	FALSE
-0,026	0,287	-0,001	0,006	0,056	FALSE
-0,022	0,288	-0,002	0,009	0,076	FALSE
0,111	0,284	0,003	0,006	0,186	FALSE
0,045	0,288	0,000	0,008	0,020	FALSE
-0,139	0,267	-0,005	0,010	0,210	FALSE
-0,147	0,290	-0,004	0,009	0,153	FALSE
-0,047	0,298	-0,002	0,007	0,090	FALSE
0,105	0,290	0,004	0,011	0,128	FALSE
0,115	0,291	0,004	0,008	0,222	FALSE
-0,064	0,289	-0,004	0,012	0,123	FALSE

0,006	0,308	0,000	0,013	0,012	FALSE
0,020	0,286	0,001	0,009	0,062	FALSE
-0,018	0,297	0,000	0,009	0,005	FALSE
0,111	0,289	0,004	0,009	0,189	FALSE
0,029	0,280	0,003	0,012	0,092	FALSE
0,038	0,303	0,003	0,013	0,082	FALSE
0,098	0,284	0,003	0,009	0,115	FALSE
-0,127	0,273	-0,002	0,007	0,123	FALSE
0,008	0,283	0,002	0,008	0,079	FALSE
-0,104	0,299	-0,004	0,010	0,154	FALSE
-0,156	0,292	-0,006	0,013	0,211	FALSE
0,134	0,274	0,004	0,012	0,133	FALSE
-0,038	0,280	-0,001	0,009	0,022	FALSE
0,149	0,283	0,003	0,006	0,216	FALSE
0,072	0,289	0,003	0,009	0,121	FALSE
-0,014	0,299	0,001	0,011	0,018	FALSE
0,021	0,288	0,001	0,007	0,069	FALSE
0,150	0,280	0,004	0,013	0,119	FALSE
-0,094	0,282	-0,001	0,008	0,054	FALSE
0,056	0,299	0,002	0,013	0,048	FALSE
0,162	0,266	0,006	0,012	0,211	FALSE
-0,023	0,271	-0,001	0,012	0,036	FALSE
-0,077	0,288	-0,001	0,012	0,022	FALSE
-0,116	0,297	-0,002	0,007	0,093	FALSE
-0,149	0,291	-0,007	0,012	0,255	FALSE
0,036	0,286	-0,001	0,007	0,026	FALSE
0,010	0,297	-0,001	0,009	0,037	FALSE
-0,132	0,293	-0,004	0,009	0,172	FALSE
-0,163	0,280	-0,004	0,009	0,183	FALSE
0,050	0,299	0,002	0,013	0,068	FALSE
-0,089	0,291	-0,003	0,008	0,137	FALSE
0,007	0,284	0,002	0,009	0,085	FALSE
0,113	0,284	0,002	0,013	0,059	FALSE
0,014	0,286	0,000	0,012	0,001	FALSE
-0,004	0,294	0,000	0,012	0,012	FALSE
-0,049	0,297	-0,001	0,009	0,021	FALSE
-0,049	0,280	0,000	0,006	0,014	FALSE
-0,049	0,287	-0,001	0,008	0,054	FALSE
0,000	0,278	0,001	0,009	0,033	FALSE
0,024	0,276	0,001	0,012	0,043	FALSE
0,084	0,293	0,003	0,008	0,148	FALSE
0,140	0,285	0,004	0,007	0,237	FALSE
0,003	0,275	-0,001	0,011	0,030	FALSE
0,138	0,276	0,005	0,012	0,163	FALSE
0,071	0,301	0,002	0,007	0,125	FALSE
0,070	0,286	0,001	0,013	0,030	FALSE
-0,040	0,279	-0,001	0,009	0,043	FALSE
-0,094	0,294	-0,003	0,010	0,102	FALSE
-0,055	0,295	-0,004	0,010	0,136	FALSE
0,001	0,299	0,000	0,010	0,011	FALSE
-0,064	0,294	-0,003	0,009	0,156	FALSE
0,048	0,290	0,002	0,007	0,093	FALSE
-0,007	0,300	0,001	0,013	0,030	FALSE

-0,033	0,281	0,001	0,012	0,021	FALSE
-0,001	0,289	-0,001	0,011	0,035	FALSE
-0,008	0,278	-0,002	0,009	0,064	FALSE
0,105	0,292	0,001	0,006	0,036	FALSE
0,019	0,278	0,002	0,007	0,087	FALSE
-0,047	0,290	-0,001	0,008	0,056	FALSE
-0,046	0,301	-0,002	0,008	0,071	FALSE
0,012	0,293	0,000	0,008	0,006	FALSE
0,085	0,287	0,003	0,008	0,137	FALSE
0,113	0,273	0,003	0,006	0,229	FALSE
0,083	0,303	0,003	0,011	0,092	FALSE
0,024	0,296	-0,001	0,009	0,039	FALSE
0,030	0,294	0,002	0,008	0,071	FALSE
0,046	0,284	0,003	0,012	0,089	FALSE
0,119	0,292	0,002	0,007	0,105	FALSE
0,026	0,291	0,002	0,008	0,112	FALSE
0,048	0,296	0,001	0,009	0,037	FALSE
0,098	0,300	0,002	0,011	0,073	FALSE
0,071	0,286	0,002	0,011	0,072	FALSE
0,084	0,280	0,002	0,007	0,127	FALSE
0,087	0,276	0,003	0,007	0,155	FALSE
-0,066	0,289	-0,001	0,009	0,061	FALSE
0,040	0,277	0,000	0,007	0,009	FALSE
0,123	0,288	0,003	0,009	0,121	FALSE
0,012	0,295	-0,001	0,013	0,035	FALSE
-0,137	0,282	-0,003	0,007	0,165	FALSE
-0,103	0,306	-0,002	0,011	0,056	FALSE
-0,036	0,278	0,000	0,010	0,014	FALSE
-0,155	0,286	-0,004	0,013	0,125	FALSE
-0,042	0,290	0,000	0,011	0,005	FALSE
0,091	0,285	0,000	0,009	0,001	FALSE
0,113	0,270	0,006	0,011	0,231	FALSE
-0,002	0,303	-0,002	0,010	0,081	FALSE
-0,020	0,279	-0,001	0,006	0,053	FALSE
0,038	0,288	0,002	0,007	0,115	FALSE
0,092	0,290	0,001	0,006	0,047	FALSE
0,037	0,301	0,000	0,008	0,019	FALSE
0,044	0,281	0,002	0,010	0,055	FALSE
0,035	0,299	0,001	0,011	0,044	FALSE
-0,108	0,287	-0,004	0,012	0,128	FALSE
-0,001	0,297	-0,001	0,013	0,018	FALSE
0,037	0,299	0,000	0,012	0,010	FALSE
-0,078	0,296	-0,003	0,011	0,119	FALSE
-0,010	0,268	0,001	0,007	0,040	FALSE
0,061	0,280	0,003	0,010	0,110	FALSE
0,090	0,291	0,002	0,007	0,113	FALSE
0,229	0,275	0,011	0,012	0,422	FALSE
-0,073	0,281	-0,001	0,011	0,048	FALSE
0,005	0,291	0,000	0,013	0,009	FALSE
0,055	0,286	0,002	0,009	0,092	FALSE
-0,007	0,299	-0,001	0,013	0,037	FALSE
0,023	0,289	0,000	0,013	0,004	FALSE
0,115	0,299	0,003	0,007	0,139	FALSE

0,084	0,293	0,002	0,012	0,057	FALSE
0,003	0,296	0,001	0,007	0,047	FALSE
-0,021	0,302	0,000	0,007	0,003	FALSE
-0,067	0,278	-0,002	0,007	0,127	FALSE
-0,037	0,305	-0,001	0,007	0,032	FALSE
-0,067	0,281	0,000	0,009	0,016	FALSE
-0,103	0,279	-0,006	0,010	0,276	FALSE
0,107	0,274	0,002	0,008	0,119	FALSE
0,029	0,289	0,001	0,009	0,019	FALSE
0,150	0,285	0,005	0,011	0,185	FALSE
0,033	0,306	0,001	0,011	0,016	FALSE
-0,105	0,282	-0,003	0,007	0,177	FALSE
0,157	0,290	0,004	0,007	0,211	FALSE
0,016	0,295	-0,001	0,012	0,024	FALSE
-0,114	0,298	-0,005	0,013	0,151	FALSE
-0,055	0,285	-0,001	0,007	0,066	FALSE
-0,032	0,296	-0,003	0,012	0,114	FALSE
-0,154	0,286	-0,005	0,010	0,198	FALSE
0,037	0,299	0,001	0,013	0,035	FALSE
-0,204	0,269	-0,004	0,007	0,272	FALSE
-0,195	0,279	-0,004	0,007	0,248	FALSE
0,186	0,283	0,005	0,009	0,268	FALSE
0,034	0,283	0,000	0,007	0,016	FALSE
-0,020	0,283	-0,001	0,009	0,059	FALSE
-0,079	0,301	-0,003	0,011	0,085	FALSE
0,001	0,286	0,000	0,008	0,020	FALSE
-0,068	0,305	-0,002	0,012	0,064	FALSE
-0,015	0,294	-0,001	0,010	0,048	FALSE
-0,072	0,287	-0,001	0,008	0,043	FALSE
-0,016	0,287	-0,001	0,008	0,043	FALSE
-0,036	0,283	-0,002	0,010	0,078	FALSE
-0,031	0,286	-0,001	0,006	0,087	FALSE
-0,007	0,294	-0,001	0,008	0,032	FALSE
0,045	0,299	0,000	0,006	0,025	FALSE
-0,052	0,283	-0,001	0,008	0,061	FALSE
-0,069	0,299	-0,002	0,008	0,071	FALSE
-0,040	0,294	-0,002	0,008	0,086	FALSE
-0,062	0,302	-0,001	0,008	0,067	FALSE
-0,067	0,284	-0,001	0,008	0,069	FALSE
-0,008	0,284	0,000	0,009	0,008	FALSE
-0,080	0,283	-0,002	0,007	0,113	FALSE
-0,065	0,288	-0,002	0,007	0,106	FALSE
-0,017	0,291	0,001	0,010	0,050	FALSE
0,021	0,291	-0,001	0,011	0,018	FALSE
-0,087	0,276	-0,002	0,006	0,137	FALSE
0,138	0,293	0,005	0,012	0,192	FALSE
0,042	0,287	0,001	0,008	0,057	FALSE
0,047	0,288	0,001	0,008	0,059	FALSE
-0,071	0,279	-0,004	0,010	0,150	FALSE
0,067	0,278	0,001	0,006	0,092	FALSE
0,151	0,292	0,004	0,008	0,185	FALSE
0,033	0,285	0,002	0,009	0,081	FALSE
0,119	0,279	0,006	0,013	0,179	FALSE

-0,106	0,294	-0,005	0,011	0,166	FALSE
-0,255	0,278	-0,009	0,011	0,396	FALSE
0,074	0,279	0,003	0,010	0,132	FALSE
0,057	0,311	0,001	0,009	0,059	FALSE
0,048	0,298	0,001	0,009	0,054	FALSE
-0,009	0,291	0,001	0,006	0,054	FALSE
0,062	0,305	0,003	0,013	0,074	FALSE
0,043	0,292	0,002	0,013	0,053	FALSE
-0,029	0,290	-0,001	0,009	0,030	FALSE
-0,049	0,285	0,000	0,010	0,008	FALSE
0,011	0,282	0,001	0,009	0,024	FALSE
0,000	0,275	0,002	0,011	0,050	FALSE
0,134	0,294	0,003	0,008	0,148	FALSE
0,119	0,302	0,003	0,008	0,132	FALSE
-0,013	0,274	0,000	0,012	0,004	FALSE
0,040	0,286	0,002	0,006	0,117	FALSE
-0,137	0,296	-0,003	0,007	0,204	FALSE
0,056	0,299	0,001	0,010	0,052	FALSE
-0,024	0,279	-0,005	0,013	0,164	FALSE
-0,007	0,289	-0,002	0,011	0,065	FALSE
0,007	0,291	0,000	0,007	0,000	FALSE
-0,042	0,293	-0,001	0,010	0,035	FALSE
-0,065	0,287	-0,002	0,012	0,066	FALSE
0,009	0,288	0,000	0,008	0,009	FALSE
-0,064	0,276	-0,002	0,011	0,067	FALSE
-0,074	0,288	-0,002	0,012	0,077	FALSE
-0,063	0,277	-0,002	0,012	0,079	FALSE
-0,071	0,280	-0,003	0,012	0,079	FALSE
-0,002	0,284	0,001	0,012	0,040	FALSE
0,086	0,304	0,003	0,009	0,120	FALSE
0,092	0,302	0,002	0,013	0,056	FALSE
0,026	0,296	0,002	0,011	0,051	FALSE
0,057	0,291	0,000	0,009	0,004	FALSE
-0,032	0,291	0,001	0,011	0,023	FALSE
-0,020	0,295	-0,001	0,013	0,031	FALSE
-0,053	0,289	-0,003	0,011	0,105	FALSE
-0,149	0,296	-0,004	0,011	0,140	FALSE
-0,090	0,285	-0,002	0,010	0,059	FALSE
0,058	0,295	0,001	0,008	0,066	FALSE
0,128	0,288	0,003	0,007	0,168	FALSE
0,131	0,283	0,004	0,007	0,201	FALSE
0,190	0,276	0,004	0,007	0,250	FALSE
0,153	0,291	0,006	0,011	0,239	FALSE
-0,049	0,294	-0,001	0,008	0,032	FALSE
0,112	0,292	0,006	0,012	0,194	FALSE
-0,003	0,286	-0,001	0,013	0,030	FALSE
0,002	0,295	0,000	0,009	0,017	FALSE
0,029	0,284	0,003	0,013	0,098	FALSE
-0,103	0,284	-0,002	0,012	0,067	FALSE
0,018	0,291	0,000	0,012	0,012	FALSE
-0,160	0,280	-0,003	0,009	0,140	FALSE
0,037	0,289	0,000	0,011	0,006	FALSE
-0,143	0,282	-0,006	0,011	0,220	FALSE

-0,211	0,289	-0,004	0,007	0,229	TRUE
0,032	0,288	0,001	0,006	0,073	FALSE
0,009	0,285	0,001	0,006	0,029	FALSE
0,073	0,283	0,001	0,009	0,043	FALSE
0,020	0,292	0,001	0,013	0,019	FALSE
0,044	0,277	0,002	0,012	0,067	FALSE
-0,056	0,290	-0,001	0,010	0,041	FALSE
0,140	0,300	0,006	0,013	0,173	FALSE
-0,034	0,280	-0,002	0,009	0,093	FALSE
-0,015	0,285	-0,001	0,007	0,070	FALSE
-0,047	0,275	0,000	0,008	0,007	FALSE
-0,185	0,278	-0,006	0,013	0,210	FALSE
0,205	0,293	0,009	0,011	0,362	FALSE
-0,238	0,279	-0,006	0,008	0,317	FALSE
0,008	0,297	0,001	0,013	0,039	FALSE
-0,001	0,300	0,000	0,009	0,017	FALSE
-0,040	0,290	-0,001	0,007	0,054	FALSE
0,018	0,284	-0,001	0,010	0,023	FALSE
-0,001	0,281	0,000	0,009	0,006	FALSE
-0,026	0,279	0,002	0,012	0,053	FALSE
-0,045	0,304	-0,002	0,011	0,074	FALSE
0,061	0,295	0,001	0,007	0,070	FALSE
-0,015	0,298	-0,001	0,008	0,026	FALSE
-0,158	0,293	-0,005	0,013	0,154	FALSE
-0,120	0,278	-0,002	0,010	0,088	FALSE
-0,132	0,285	-0,002	0,010	0,093	FALSE
0,052	0,289	0,003	0,009	0,111	FALSE
0,025	0,282	0,000	0,011	0,008	FALSE
-0,070	0,293	-0,001	0,008	0,061	FALSE
0,011	0,284	0,001	0,010	0,023	FALSE
-0,115	0,298	-0,005	0,013	0,169	FALSE
-0,036	0,291	-0,001	0,007	0,056	FALSE
-0,069	0,288	-0,002	0,007	0,094	FALSE
0,149	0,292	0,006	0,011	0,220	FALSE
0,100	0,274	0,007	0,012	0,238	FALSE
0,033	0,298	-0,001	0,009	0,024	FALSE
0,052	0,300	0,001	0,007	0,041	FALSE
-0,098	0,286	-0,003	0,009	0,147	FALSE
-0,158	0,287	-0,004	0,010	0,179	FALSE
-0,054	0,290	-0,003	0,010	0,105	FALSE
-0,009	0,283	-0,001	0,012	0,017	FALSE
-0,008	0,291	-0,001	0,012	0,032	FALSE
0,133	0,301	0,007	0,013	0,222	FALSE
-0,084	0,295	-0,006	0,012	0,181	FALSE
-0,101	0,280	-0,002	0,007	0,084	FALSE
0,110	0,282	0,004	0,013	0,119	FALSE
-0,076	0,286	-0,001	0,012	0,027	FALSE
0,181	0,290	0,004	0,007	0,239	FALSE
-0,015	0,288	-0,002	0,008	0,081	FALSE
-0,030	0,287	-0,003	0,013	0,103	FALSE
0,044	0,288	0,002	0,008	0,096	FALSE
0,004	0,293	0,001	0,009	0,034	FALSE
-0,073	0,292	-0,002	0,008	0,092	FALSE

-0,037	0,289	-0,003	0,012	0,085	FALSE
-0,016	0,292	-0,002	0,013	0,045	FALSE
-0,013	0,280	0,001	0,007	0,052	FALSE
-0,122	0,288	-0,004	0,011	0,147	FALSE
-0,036	0,300	-0,002	0,013	0,058	FALSE
0,077	0,288	0,002	0,012	0,050	FALSE
-0,113	0,293	-0,003	0,009	0,131	FALSE
0,062	0,282	0,001	0,008	0,069	FALSE
0,137	0,300	0,003	0,007	0,210	FALSE
-0,148	0,282	-0,004	0,007	0,219	FALSE
-0,075	0,280	0,000	0,007	0,023	FALSE
0,056	0,290	0,003	0,010	0,111	FALSE
-0,045	0,298	-0,002	0,009	0,072	FALSE
-0,021	0,284	-0,001	0,007	0,050	FALSE
0,089	0,291	0,005	0,011	0,182	FALSE
0,009	0,283	-0,001	0,010	0,032	FALSE
0,055	0,284	0,001	0,008	0,048	FALSE
0,020	0,293	0,000	0,006	0,021	FALSE
0,106	0,292	0,003	0,013	0,091	FALSE
-0,136	0,281	-0,008	0,012	0,290	FALSE
-0,184	0,284	-0,004	0,008	0,198	FALSE
0,030	0,289	0,002	0,012	0,050	FALSE
0,039	0,289	0,000	0,009	0,008	FALSE
-0,140	0,293	-0,003	0,008	0,163	FALSE
-0,085	0,286	-0,002	0,009	0,099	FALSE
0,157	0,289	0,005	0,008	0,245	FALSE
0,105	0,296	0,002	0,008	0,101	FALSE
0,108	0,279	0,002	0,012	0,059	FALSE
0,015	0,276	0,000	0,007	0,003	FALSE
0,089	0,294	0,002	0,013	0,063	FALSE
-0,081	0,287	-0,003	0,012	0,094	FALSE
-0,043	0,276	-0,002	0,012	0,073	FALSE
0,055	0,290	0,001	0,011	0,050	FALSE
0,046	0,292	0,002	0,011	0,053	FALSE
0,100	0,283	0,002	0,007	0,103	FALSE
-0,231	0,265	-0,009	0,011	0,348	FALSE
0,005	0,292	0,000	0,010	0,003	FALSE
-0,069	0,282	-0,001	0,007	0,062	FALSE
0,015	0,291	0,000	0,013	0,013	FALSE
-0,119	0,280	-0,005	0,010	0,230	FALSE
-0,048	0,301	-0,001	0,007	0,072	FALSE
-0,037	0,290	-0,001	0,006	0,047	FALSE
0,070	0,282	0,001	0,010	0,055	FALSE
0,023	0,295	0,000	0,011	0,008	FALSE
-0,003	0,291	-0,001	0,011	0,047	FALSE
-0,006	0,293	-0,002	0,013	0,047	FALSE
-0,078	0,275	-0,004	0,012	0,129	FALSE
-0,025	0,290	-0,003	0,012	0,090	FALSE
-0,128	0,290	-0,004	0,010	0,170	FALSE
-0,122	0,290	-0,005	0,013	0,141	FALSE
-0,034	0,298	-0,001	0,008	0,039	FALSE
-0,158	0,283	-0,006	0,013	0,215	FALSE
-0,147	0,290	-0,006	0,013	0,199	FALSE

-0,017	0,282	0,000	0,010	0,016	FALSE
-0,041	0,280	-0,002	0,009	0,101	FALSE
0,005	0,301	0,001	0,012	0,036	FALSE
0,126	0,280	0,005	0,009	0,259	FALSE
0,165	0,281	0,004	0,008	0,214	FALSE
0,081	0,286	0,003	0,010	0,103	FALSE
-0,006	0,299	-0,001	0,007	0,048	FALSE
-0,015	0,292	-0,001	0,013	0,025	FALSE
0,004	0,287	0,001	0,009	0,026	FALSE
0,068	0,301	0,001	0,010	0,053	FALSE
0,112	0,283	0,005	0,013	0,165	FALSE
0,095	0,290	0,005	0,012	0,185	FALSE
0,182	0,271	0,005	0,010	0,205	FALSE
-0,015	0,284	-0,001	0,007	0,053	FALSE
0,014	0,288	-0,001	0,010	0,026	FALSE
0,050	0,290	0,001	0,008	0,047	FALSE
-0,150	0,282	-0,004	0,010	0,155	FALSE
0,174	0,286	0,005	0,012	0,167	FALSE
-0,114	0,285	-0,002	0,006	0,135	FALSE
0,046	0,306	0,002	0,011	0,056	FALSE
-0,096	0,291	-0,001	0,013	0,027	FALSE
0,170	0,277	0,005	0,008	0,278	FALSE
0,044	0,284	0,001	0,006	0,086	FALSE
-0,153	0,272	-0,009	0,012	0,346	FALSE
-0,115	0,285	-0,007	0,013	0,220	FALSE
0,149	0,286	0,005	0,011	0,198	FALSE
-0,074	0,288	-0,002	0,006	0,097	FALSE
-0,005	0,289	0,000	0,007	0,015	FALSE
0,196	0,284	0,006	0,010	0,261	FALSE
-0,116	0,286	-0,002	0,007	0,145	FALSE
-0,096	0,305	-0,002	0,007	0,131	FALSE
-0,031	0,287	-0,002	0,007	0,088	FALSE
-0,044	0,294	0,000	0,010	0,006	FALSE
0,016	0,269	0,000	0,012	0,004	FALSE
-0,003	0,284	0,000	0,006	0,000	FALSE
-0,047	0,289	-0,002	0,008	0,098	FALSE
0,144	0,292	0,005	0,011	0,189	FALSE
-0,023	0,285	-0,001	0,012	0,018	FALSE
0,062	0,298	0,001	0,007	0,057	FALSE
-0,013	0,306	0,001	0,013	0,023	FALSE
-0,097	0,292	-0,003	0,011	0,125	FALSE
0,107	0,295	0,004	0,013	0,112	FALSE
0,077	0,302	0,002	0,008	0,099	FALSE
0,047	0,281	0,001	0,009	0,061	FALSE
0,209	0,280	0,008	0,010	0,345	FALSE
0,175	0,298	0,006	0,010	0,264	FALSE
-0,060	0,278	-0,003	0,007	0,169	FALSE
0,027	0,288	0,002	0,007	0,087	FALSE
0,122	0,297	0,004	0,008	0,189	FALSE
0,001	0,299	0,000	0,013	0,003	FALSE
0,125	0,294	0,005	0,011	0,189	FALSE
0,108	0,297	0,004	0,010	0,145	FALSE
0,095	0,299	0,003	0,011	0,103	FALSE

0,099	0,291	0,003	0,010	0,133	FALSE
-0,059	0,286	-0,001	0,009	0,051	FALSE
0,060	0,278	0,002	0,007	0,126	FALSE
0,226	0,284	0,008	0,010	0,385	FALSE
0,035	0,294	0,002	0,007	0,092	FALSE
0,186	0,291	0,008	0,013	0,268	FALSE
0,158	0,292	0,007	0,013	0,211	FALSE
0,070	0,288	0,003	0,013	0,097	FALSE
-0,116	0,289	-0,003	0,009	0,139	FALSE
0,208	0,284	0,009	0,013	0,329	FALSE
0,219	0,282	0,010	0,013	0,344	FALSE
-0,121	0,283	-0,004	0,009	0,188	FALSE
0,103	0,290	0,003	0,012	0,090	FALSE
-0,043	0,289	-0,001	0,006	0,040	FALSE
-0,048	0,280	0,000	0,007	0,022	FALSE
-0,090	0,289	-0,003	0,010	0,140	FALSE
-0,044	0,286	-0,003	0,013	0,099	FALSE
-0,008	0,281	-0,002	0,013	0,043	FALSE
0,004	0,304	-0,001	0,008	0,023	FALSE
0,014	0,289	0,000	0,007	0,021	FALSE
0,028	0,289	0,001	0,006	0,035	FALSE
-0,073	0,280	-0,005	0,013	0,163	FALSE
-0,105	0,294	-0,002	0,010	0,083	FALSE
-0,016	0,289	-0,001	0,007	0,068	FALSE
0,152	0,280	0,008	0,012	0,294	FALSE
-0,033	0,292	-0,003	0,013	0,072	FALSE
-0,042	0,285	-0,002	0,012	0,056	FALSE
0,054	0,291	0,000	0,008	0,007	FALSE
0,117	0,293	0,003	0,010	0,111	FALSE
-0,028	0,285	0,000	0,007	0,003	FALSE
0,037	0,282	0,003	0,010	0,096	FALSE
0,099	0,289	0,002	0,012	0,065	FALSE
0,021	0,279	0,001	0,010	0,047	FALSE
-0,037	0,301	-0,001	0,008	0,049	FALSE
-0,060	0,290	-0,003	0,012	0,083	FALSE
-0,080	0,297	-0,003	0,013	0,094	FALSE
0,045	0,288	0,001	0,006	0,042	FALSE
-0,128	0,283	-0,005	0,011	0,203	FALSE
0,044	0,293	0,002	0,008	0,086	FALSE
-0,050	0,284	-0,002	0,011	0,078	FALSE
0,066	0,289	0,001	0,007	0,076	FALSE
-0,081	0,291	-0,003	0,012	0,100	FALSE
0,095	0,289	0,003	0,008	0,142	FALSE
0,248	0,282	0,010	0,012	0,402	FALSE
0,240	0,283	0,010	0,013	0,352	FALSE
-0,190	0,289	-0,004	0,009	0,187	FALSE
-0,150	0,283	-0,004	0,010	0,180	FALSE
0,168	0,274	0,005	0,009	0,203	FALSE
0,160	0,273	0,005	0,010	0,188	FALSE
0,020	0,302	0,001	0,008	0,040	FALSE
-0,151	0,274	-0,004	0,012	0,119	FALSE
-0,152	0,278	-0,004	0,013	0,111	FALSE
0,167	0,266	0,002	0,009	0,109	FALSE

-0,092	0,285	-0,001	0,009	0,055	FALSE
-0,071	0,281	-0,001	0,009	0,041	FALSE
0,095	0,292	0,002	0,007	0,121	FALSE
0,034	0,297	0,002	0,013	0,042	FALSE
0,027	0,299	0,002	0,013	0,048	FALSE
0,018	0,304	0,001	0,009	0,029	FALSE
0,043	0,282	0,002	0,008	0,077	FALSE
0,122	0,290	0,005	0,013	0,163	FALSE
0,017	0,295	0,000	0,010	0,000	FALSE
-0,085	0,287	-0,003	0,009	0,114	FALSE
0,006	0,287	-0,001	0,007	0,068	FALSE
-0,188	0,284	-0,004	0,009	0,191	FALSE
-0,191	0,287	-0,004	0,008	0,183	FALSE
0,155	0,290	0,005	0,012	0,164	FALSE
0,105	0,293	0,003	0,008	0,153	FALSE
0,035	0,283	0,000	0,007	0,025	FALSE
0,047	0,293	0,001	0,006	0,031	FALSE
-0,004	0,287	0,000	0,008	0,004	FALSE
0,096	0,291	0,003	0,008	0,153	FALSE
0,008	0,288	-0,001	0,010	0,045	FALSE
-0,010	0,290	-0,001	0,009	0,026	FALSE
0,031	0,293	0,001	0,009	0,034	FALSE
-0,147	0,283	-0,006	0,012	0,208	FALSE
0,051	0,293	0,001	0,012	0,046	FALSE
-0,191	0,287	-0,005	0,008	0,285	FALSE
-0,112	0,293	-0,004	0,013	0,117	FALSE
0,079	0,290	0,004	0,011	0,133	FALSE
0,101	0,286	0,005	0,012	0,161	FALSE
-0,033	0,285	-0,001	0,008	0,062	FALSE
0,051	0,297	0,000	0,010	0,010	FALSE
0,120	0,286	0,004	0,011	0,162	FALSE
0,093	0,294	0,002	0,013	0,062	FALSE
0,076	0,298	0,001	0,012	0,027	FALSE
-0,138	0,295	-0,004	0,012	0,123	FALSE
0,011	0,283	-0,002	0,010	0,062	FALSE
0,038	0,273	0,002	0,010	0,087	FALSE
-0,002	0,302	0,000	0,007	0,000	FALSE
-0,092	0,287	-0,005	0,012	0,158	FALSE
0,073	0,292	0,003	0,008	0,155	FALSE
0,010	0,306	0,001	0,009	0,026	FALSE
0,122	0,282	0,003	0,013	0,095	FALSE
0,107	0,278	0,002	0,011	0,070	FALSE
0,114	0,277	0,004	0,008	0,210	FALSE
0,051	0,287	0,001	0,010	0,053	FALSE
0,067	0,291	0,001	0,007	0,074	FALSE
-0,032	0,303	-0,001	0,013	0,040	FALSE
-0,029	0,276	-0,002	0,011	0,055	FALSE
-0,037	0,289	-0,001	0,007	0,055	FALSE
-0,128	0,282	-0,002	0,008	0,118	FALSE
-0,210	0,270	-0,004	0,007	0,271	FALSE
-0,037	0,297	-0,002	0,007	0,116	FALSE
-0,004	0,300	-0,001	0,013	0,028	FALSE
0,114	0,302	0,004	0,012	0,135	FALSE

-0,019	0,300	-0,001	0,007	0,070	FALSE
0,051	0,290	0,000	0,007	0,021	FALSE
-0,039	0,298	0,000	0,007	0,017	FALSE
0,128	0,273	0,004	0,012	0,145	FALSE
0,016	0,282	0,000	0,007	0,008	FALSE
-0,016	0,303	-0,001	0,012	0,017	FALSE
-0,053	0,282	-0,001	0,007	0,031	FALSE
0,058	0,296	0,003	0,013	0,089	FALSE
0,167	0,295	0,003	0,009	0,138	FALSE
0,035	0,291	0,001	0,013	0,016	FALSE
-0,112	0,275	-0,002	0,007	0,105	FALSE
0,182	0,276	0,007	0,011	0,277	FALSE
0,004	0,285	-0,001	0,010	0,048	FALSE
-0,105	0,287	-0,004	0,010	0,186	FALSE
0,137	0,289	0,003	0,007	0,213	FALSE
-0,035	0,293	-0,003	0,013	0,093	FALSE
-0,022	0,306	-0,001	0,011	0,016	FALSE
-0,026	0,303	0,000	0,011	0,002	FALSE
0,022	0,290	0,001	0,012	0,034	FALSE
-0,067	0,302	-0,001	0,013	0,033	FALSE
-0,052	0,279	0,000	0,010	0,003	FALSE
-0,103	0,281	-0,002	0,007	0,123	FALSE
-0,129	0,276	-0,003	0,012	0,092	FALSE
-0,147	0,278	-0,003	0,012	0,101	FALSE
-0,056	0,281	-0,001	0,010	0,029	FALSE
-0,113	0,285	-0,003	0,010	0,110	FALSE
0,085	0,292	0,002	0,009	0,092	FALSE
0,089	0,280	0,002	0,006	0,151	FALSE
0,032	0,301	0,000	0,010	0,011	FALSE
0,045	0,295	0,001	0,006	0,091	FALSE
0,069	0,279	0,002	0,012	0,054	FALSE
0,076	0,295	0,002	0,012	0,065	FALSE
0,074	0,291	0,003	0,009	0,112	FALSE
-0,020	0,283	-0,001	0,008	0,029	FALSE
0,059	0,299	0,001	0,009	0,053	FALSE
-0,106	0,285	-0,004	0,012	0,128	FALSE
0,105	0,280	0,001	0,007	0,080	FALSE
-0,032	0,300	-0,002	0,011	0,081	FALSE
-0,034	0,278	0,000	0,006	0,011	FALSE
0,190	0,275	0,006	0,009	0,307	FALSE
0,099	0,296	0,004	0,012	0,132	FALSE
0,052	0,286	0,002	0,008	0,082	FALSE
0,057	0,289	0,002	0,010	0,090	FALSE
-0,012	0,294	0,000	0,010	0,018	FALSE
0,074	0,292	0,000	0,006	0,022	FALSE
0,084	0,282	0,002	0,009	0,076	FALSE
0,137	0,290	0,006	0,013	0,205	FALSE
-0,012	0,284	-0,001	0,007	0,040	FALSE
-0,138	0,290	-0,003	0,010	0,139	FALSE
-0,155	0,295	-0,004	0,009	0,160	FALSE
-0,111	0,288	-0,002	0,008	0,079	FALSE
-0,091	0,277	-0,001	0,007	0,048	FALSE
-0,130	0,288	-0,003	0,009	0,126	FALSE

0,002	0,294	-0,001	0,008	0,035	FALSE
-0,126	0,294	-0,003	0,007	0,192	FALSE
-0,102	0,291	-0,002	0,007	0,083	FALSE
0,124	0,284	0,006	0,013	0,188	FALSE
-0,129	0,268	-0,004	0,006	0,283	FALSE
-0,048	0,278	0,000	0,011	0,008	FALSE
-0,133	0,272	-0,004	0,008	0,225	FALSE
-0,073	0,284	-0,002	0,010	0,098	FALSE
-0,064	0,298	-0,002	0,008	0,092	FALSE
0,079	0,278	0,003	0,008	0,118	FALSE
0,075	0,289	0,003	0,008	0,150	FALSE
-0,076	0,288	0,000	0,007	0,022	FALSE
0,090	0,297	0,002	0,010	0,091	FALSE
-0,096	0,286	-0,001	0,009	0,041	FALSE
0,115	0,275	0,003	0,007	0,170	FALSE
-0,039	0,295	-0,002	0,011	0,061	FALSE
-0,027	0,291	0,001	0,010	0,022	FALSE
0,002	0,288	-0,001	0,009	0,021	FALSE
-0,022	0,288	0,000	0,008	0,001	FALSE
-0,028	0,310	-0,003	0,011	0,089	FALSE
0,093	0,287	0,004	0,009	0,188	FALSE
0,078	0,293	0,003	0,009	0,141	FALSE
0,009	0,309	0,000	0,011	0,007	FALSE
0,076	0,276	0,003	0,008	0,140	FALSE
-0,038	0,299	0,000	0,009	0,013	FALSE
-0,036	0,284	-0,004	0,012	0,117	FALSE
-0,022	0,285	-0,002	0,009	0,069	FALSE
-0,056	0,293	-0,003	0,011	0,107	FALSE
0,017	0,292	0,000	0,007	0,013	FALSE
-0,057	0,293	-0,003	0,010	0,104	FALSE
0,018	0,290	0,001	0,010	0,024	FALSE
-0,049	0,299	-0,002	0,007	0,085	FALSE
0,054	0,290	0,001	0,010	0,044	FALSE
-0,048	0,287	-0,002	0,008	0,099	FALSE
-0,058	0,293	-0,002	0,008	0,115	FALSE
-0,048	0,283	-0,002	0,007	0,093	FALSE
-0,081	0,299	-0,003	0,008	0,136	FALSE
-0,185	0,283	-0,003	0,006	0,185	FALSE
-0,025	0,291	-0,001	0,008	0,027	FALSE
0,030	0,293	0,002	0,008	0,073	FALSE
0,011	0,294	0,000	0,008	0,012	FALSE
-0,086	0,274	-0,002	0,006	0,123	FALSE
-0,037	0,280	-0,001	0,007	0,063	FALSE
-0,080	0,292	-0,002	0,009	0,078	FALSE
0,063	0,289	0,000	0,007	0,007	FALSE
0,020	0,276	0,001	0,012	0,018	FALSE
0,016	0,294	0,000	0,012	0,010	FALSE
0,058	0,276	0,001	0,009	0,057	FALSE
0,077	0,298	0,001	0,009	0,049	FALSE
0,062	0,284	0,001	0,009	0,035	FALSE
-0,064	0,291	-0,001	0,007	0,073	FALSE
-0,018	0,290	0,000	0,007	0,016	FALSE
-0,125	0,287	-0,003	0,007	0,194	FALSE

0,057	0,290	0,002	0,010	0,088	FALSE
-0,056	0,298	-0,001	0,008	0,045	FALSE
0,082	0,295	0,002	0,009	0,062	FALSE
-0,142	0,291	-0,003	0,009	0,134	FALSE
0,036	0,285	0,000	0,009	0,005	FALSE
0,105	0,312	0,003	0,008	0,121	FALSE
-0,124	0,288	-0,006	0,011	0,216	FALSE
-0,094	0,285	-0,003	0,007	0,142	FALSE
-0,037	0,276	-0,002	0,012	0,076	FALSE
-0,070	0,294	-0,002	0,007	0,094	FALSE
0,063	0,293	0,002	0,012	0,067	FALSE
0,152	0,283	0,006	0,013	0,189	FALSE
0,022	0,305	0,000	0,006	0,015	FALSE
0,026	0,294	0,000	0,007	0,019	FALSE
0,084	0,285	0,001	0,006	0,053	FALSE
-0,029	0,289	0,000	0,007	0,000	FALSE
-0,030	0,281	0,000	0,007	0,001	FALSE
0,029	0,295	0,003	0,012	0,084	FALSE
0,051	0,287	0,001	0,008	0,037	FALSE
-0,104	0,271	-0,003	0,011	0,098	FALSE
-0,046	0,299	0,000	0,007	0,008	FALSE
0,078	0,296	0,001	0,009	0,023	FALSE
0,053	0,289	0,004	0,012	0,119	FALSE
0,041	0,297	0,000	0,007	0,020	FALSE
-0,087	0,298	-0,003	0,009	0,127	FALSE
0,002	0,284	-0,002	0,009	0,075	FALSE
0,042	0,287	-0,001	0,010	0,024	FALSE
-0,059	0,279	0,000	0,006	0,022	FALSE
-0,066	0,287	-0,001	0,007	0,061	FALSE
-0,032	0,291	0,000	0,011	0,002	FALSE
0,067	0,290	0,002	0,009	0,080	FALSE
-0,036	0,287	-0,001	0,008	0,057	FALSE
-0,074	0,298	-0,003	0,010	0,126	FALSE
-0,052	0,283	0,000	0,008	0,000	FALSE
0,055	0,281	0,001	0,008	0,026	FALSE
-0,203	0,277	-0,007	0,010	0,292	FALSE
0,051	0,285	0,004	0,013	0,108	FALSE
0,121	0,282	0,003	0,007	0,149	FALSE
0,111	0,283	0,002	0,006	0,115	FALSE
-0,094	0,285	-0,002	0,006	0,127	FALSE
0,009	0,287	0,001	0,013	0,022	FALSE
0,051	0,271	0,003	0,012	0,104	FALSE
-0,150	0,279	-0,003	0,008	0,159	FALSE
0,043	0,289	0,003	0,013	0,103	FALSE
0,025	0,289	0,001	0,008	0,062	FALSE
-0,021	0,304	-0,001	0,011	0,030	FALSE
-0,109	0,296	-0,004	0,013	0,123	FALSE
-0,023	0,284	-0,002	0,012	0,076	FALSE
-0,091	0,286	-0,001	0,007	0,079	FALSE
-0,107	0,291	-0,004	0,008	0,169	FALSE
0,122	0,278	0,002	0,006	0,121	FALSE
0,079	0,290	0,002	0,009	0,087	FALSE
0,079	0,296	0,004	0,010	0,157	FALSE

-0,010	0,303	-0,001	0,008	0,049	FALSE
-0,078	0,295	-0,002	0,008	0,119	FALSE
-0,044	0,287	-0,001	0,011	0,020	FALSE
0,057	0,289	0,001	0,007	0,037	FALSE
0,068	0,299	-0,001	0,013	0,015	FALSE
0,052	0,302	0,001	0,009	0,054	FALSE
0,023	0,284	0,001	0,008	0,049	FALSE
-0,002	0,296	0,000	0,008	0,005	FALSE
0,130	0,284	0,003	0,008	0,134	FALSE
0,012	0,285	0,004	0,010	0,145	FALSE
0,055	0,290	0,002	0,010	0,065	FALSE
-0,030	0,298	0,000	0,008	0,021	FALSE
-0,037	0,278	0,000	0,012	0,010	FALSE
-0,090	0,287	-0,006	0,013	0,205	FALSE
0,129	0,278	0,003	0,006	0,231	FALSE
-0,074	0,290	-0,001	0,007	0,064	FALSE
-0,103	0,291	-0,002	0,007	0,116	FALSE
0,016	0,280	0,000	0,006	0,015	FALSE
-0,061	0,293	-0,003	0,012	0,092	FALSE
-0,061	0,278	-0,002	0,007	0,102	FALSE
-0,104	0,296	-0,002	0,009	0,104	FALSE
-0,026	0,280	0,001	0,010	0,025	FALSE
-0,059	0,294	-0,003	0,011	0,110	FALSE
-0,201	0,292	-0,005	0,009	0,275	FALSE
-0,170	0,283	-0,005	0,009	0,220	FALSE
0,081	0,280	0,003	0,006	0,170	FALSE
0,130	0,275	0,003	0,006	0,245	FALSE
0,025	0,299	-0,002	0,010	0,060	FALSE
0,020	0,292	-0,001	0,007	0,031	FALSE
0,065	0,286	0,000	0,008	0,011	FALSE
0,121	0,282	0,004	0,007	0,214	FALSE
-0,014	0,302	0,000	0,013	0,007	FALSE
-0,028	0,276	-0,004	0,009	0,168	FALSE
0,032	0,290	0,002	0,008	0,079	FALSE
-0,075	0,288	-0,002	0,010	0,074	FALSE
-0,089	0,293	-0,003	0,010	0,120	FALSE
-0,042	0,290	-0,001	0,007	0,051	FALSE
-0,011	0,292	0,001	0,009	0,033	FALSE
0,132	0,293	0,003	0,008	0,121	FALSE
0,056	0,294	0,001	0,010	0,042	FALSE
-0,169	0,284	-0,007	0,013	0,226	FALSE
-0,072	0,271	-0,002	0,010	0,060	FALSE
0,101	0,281	0,005	0,010	0,194	FALSE
-0,003	0,281	-0,001	0,012	0,019	FALSE
-0,155	0,296	-0,007	0,012	0,256	FALSE
-0,212	0,283	-0,006	0,010	0,271	FALSE
-0,048	0,289	-0,003	0,011	0,112	FALSE
-0,043	0,292	-0,003	0,012	0,104	FALSE
0,003	0,287	0,000	0,007	0,025	FALSE
-0,119	0,298	-0,004	0,012	0,138	FALSE
-0,131	0,280	-0,006	0,012	0,183	FALSE
0,054	0,284	0,001	0,013	0,039	FALSE
-0,222	0,270	-0,005	0,008	0,295	FALSE

0,040	0,288	0,001	0,006	0,068	FALSE
-0,095	0,301	-0,005	0,012	0,164	FALSE
-0,123	0,281	-0,006	0,012	0,223	FALSE
0,132	0,297	0,005	0,013	0,148	FALSE
-0,130	0,281	-0,005	0,010	0,202	FALSE
0,027	0,296	0,001	0,007	0,042	FALSE
0,089	0,281	0,005	0,009	0,236	FALSE
0,096	0,287	0,002	0,007	0,086	FALSE
0,043	0,289	0,002	0,013	0,046	FALSE
-0,109	0,286	-0,004	0,012	0,131	FALSE
0,025	0,297	0,001	0,013	0,027	FALSE
0,005	0,286	0,001	0,012	0,020	FALSE
0,090	0,284	0,002	0,010	0,098	FALSE
-0,149	0,285	-0,004	0,008	0,186	FALSE
-0,178	0,276	-0,004	0,008	0,238	FALSE
-0,145	0,284	-0,003	0,007	0,194	FALSE
-0,144	0,291	-0,003	0,008	0,175	FALSE
0,008	0,299	-0,002	0,007	0,085	FALSE
0,034	0,294	0,003	0,013	0,097	FALSE
-0,087	0,276	-0,004	0,012	0,145	FALSE
-0,016	0,289	0,001	0,007	0,030	FALSE
-0,026	0,293	0,000	0,011	0,001	FALSE
0,033	0,286	0,000	0,008	0,015	FALSE
0,076	0,295	0,005	0,012	0,188	FALSE
0,076	0,292	0,003	0,013	0,088	FALSE
0,138	0,290	0,004	0,013	0,118	FALSE
0,031	0,291	-0,001	0,011	0,017	FALSE
0,162	0,295	0,006	0,011	0,239	FALSE
0,028	0,284	0,003	0,011	0,109	FALSE
-0,004	0,277	-0,001	0,008	0,047	FALSE
0,127	0,300	0,004	0,008	0,185	FALSE
-0,078	0,306	-0,004	0,014	0,108	FALSE
0,069	0,295	0,002	0,009	0,101	FALSE
-0,034	0,292	-0,003	0,009	0,123	FALSE
-0,120	0,282	-0,005	0,009	0,234	FALSE
-0,069	0,283	-0,002	0,007	0,078	FALSE
0,047	0,307	0,004	0,013	0,117	FALSE
0,038	0,291	0,001	0,007	0,065	FALSE
0,079	0,281	0,002	0,007	0,128	FALSE
0,080	0,294	0,002	0,007	0,118	FALSE
-0,023	0,282	-0,001	0,006	0,037	FALSE
0,044	0,289	-0,001	0,011	0,019	FALSE
-0,012	0,288	0,000	0,012	0,004	FALSE
-0,056	0,295	-0,002	0,008	0,090	FALSE
-0,028	0,295	-0,001	0,012	0,030	FALSE
0,048	0,297	0,001	0,012	0,032	FALSE
0,020	0,294	0,000	0,011	0,010	FALSE
-0,091	0,280	-0,002	0,009	0,094	FALSE
0,038	0,285	0,001	0,008	0,029	FALSE
-0,133	0,301	-0,003	0,007	0,178	FALSE
0,105	0,290	0,002	0,009	0,106	FALSE
0,109	0,302	0,002	0,009	0,082	FALSE
0,141	0,297	0,003	0,010	0,127	FALSE

0,125	0,298	0,003	0,010	0,128	FALSE
0,088	0,305	0,002	0,008	0,072	FALSE
-0,021	0,291	0,000	0,006	0,021	FALSE
0,041	0,299	0,003	0,012	0,105	FALSE
0,039	0,291	0,001	0,012	0,022	FALSE
0,151	0,286	0,004	0,008	0,207	FALSE
0,026	0,301	0,000	0,007	0,024	FALSE
-0,018	0,267	-0,002	0,013	0,060	FALSE
-0,004	0,293	0,000	0,006	0,012	FALSE
-0,053	0,288	-0,002	0,007	0,118	FALSE
-0,108	0,290	-0,003	0,008	0,144	FALSE
0,097	0,283	0,002	0,010	0,097	FALSE
-0,023	0,290	0,000	0,013	0,007	FALSE
-0,020	0,300	-0,001	0,007	0,053	FALSE
0,003	0,283	-0,001	0,007	0,042	FALSE
-0,040	0,279	0,000	0,010	0,011	FALSE
-0,056	0,290	-0,001	0,010	0,033	FALSE
-0,195	0,285	-0,005	0,008	0,238	FALSE
0,124	0,280	0,006	0,012	0,210	FALSE
0,019	0,287	0,001	0,012	0,039	FALSE
0,020	0,295	0,002	0,013	0,048	FALSE
-0,089	0,278	-0,002	0,006	0,092	FALSE
-0,047	0,281	-0,001	0,006	0,060	FALSE
-0,005	0,291	0,001	0,009	0,028	FALSE
-0,219	0,273	-0,007	0,013	0,252	FALSE
-0,116	0,292	-0,003	0,013	0,107	FALSE
0,029	0,298	-0,001	0,008	0,027	FALSE
-0,096	0,297	-0,003	0,013	0,079	FALSE
0,138	0,286	0,004	0,012	0,141	FALSE
0,045	0,293	0,001	0,007	0,042	FALSE
0,067	0,296	0,002	0,008	0,076	FALSE
-0,049	0,287	-0,002	0,012	0,049	FALSE
0,208	0,282	0,008	0,012	0,293	FALSE
-0,139	0,280	-0,005	0,012	0,165	FALSE
-0,009	0,287	0,001	0,013	0,043	FALSE
0,064	0,292	0,002	0,006	0,102	FALSE
-0,199	0,278	-0,006	0,009	0,287	FALSE
-0,027	0,291	-0,001	0,007	0,063	FALSE
-0,014	0,282	-0,002	0,009	0,092	FALSE
0,032	0,285	0,001	0,006	0,082	FALSE
0,055	0,288	0,002	0,007	0,119	FALSE
-0,056	0,275	-0,003	0,012	0,090	FALSE
0,021	0,298	-0,001	0,010	0,021	FALSE
-0,084	0,276	-0,002	0,008	0,125	FALSE
-0,068	0,294	-0,004	0,012	0,110	FALSE
0,056	0,289	0,000	0,007	0,021	FALSE
0,065	0,275	0,003	0,010	0,107	FALSE
-0,018	0,278	-0,001	0,012	0,027	FALSE
-0,074	0,282	-0,002	0,008	0,087	FALSE
0,025	0,302	0,001	0,007	0,080	FALSE
0,010	0,286	0,000	0,010	0,017	FALSE
0,165	0,286	0,004	0,006	0,278	FALSE
-0,044	0,282	-0,001	0,010	0,034	FALSE

-0,001	0,297	-0,002	0,012	0,071	FALSE
-0,132	0,274	-0,003	0,008	0,133	FALSE
0,029	0,297	0,000	0,007	0,013	FALSE
0,031	0,282	0,001	0,006	0,073	FALSE
0,024	0,297	0,000	0,006	0,022	FALSE
-0,127	0,278	-0,001	0,008	0,057	FALSE
-0,048	0,278	0,000	0,010	0,013	FALSE
0,092	0,298	0,002	0,008	0,081	FALSE
-0,007	0,294	-0,001	0,007	0,067	FALSE
-0,084	0,289	-0,002	0,008	0,116	FALSE
-0,012	0,295	-0,001	0,013	0,028	FALSE
-0,008	0,302	-0,001	0,007	0,065	FALSE
-0,081	0,300	-0,002	0,007	0,117	FALSE
0,082	0,279	0,003	0,007	0,192	FALSE
0,073	0,286	0,002	0,007	0,094	FALSE
-0,090	0,295	-0,002	0,010	0,055	FALSE
0,110	0,289	0,002	0,012	0,076	FALSE
0,114	0,291	0,001	0,007	0,085	FALSE
-0,101	0,293	-0,002	0,008	0,123	FALSE
0,002	0,305	0,001	0,012	0,030	FALSE
0,049	0,284	0,001	0,006	0,074	FALSE
0,079	0,291	0,002	0,008	0,072	FALSE
0,042	0,286	0,002	0,007	0,100	FALSE
0,080	0,295	0,004	0,011	0,129	FALSE
0,082	0,287	0,001	0,008	0,069	FALSE
-0,124	0,298	-0,003	0,007	0,178	FALSE
0,093	0,297	0,003	0,013	0,082	FALSE
-0,022	0,306	-0,002	0,013	0,051	FALSE
0,032	0,302	0,001	0,012	0,025	FALSE
0,180	0,283	0,004	0,008	0,218	FALSE
0,192	0,270	0,004	0,007	0,248	FALSE
-0,084	0,285	-0,003	0,013	0,095	FALSE
-0,091	0,293	-0,002	0,009	0,096	FALSE
-0,030	0,287	-0,001	0,012	0,018	FALSE
-0,078	0,293	-0,003	0,012	0,111	FALSE
0,060	0,298	0,001	0,007	0,048	FALSE
0,001	0,295	-0,001	0,007	0,048	FALSE
0,003	0,305	-0,001	0,011	0,024	FALSE
-0,096	0,288	-0,003	0,013	0,084	FALSE
0,001	0,292	0,000	0,007	0,018	FALSE
0,023	0,295	0,000	0,007	0,024	FALSE
0,076	0,288	0,005	0,009	0,204	FALSE
0,010	0,285	0,001	0,007	0,066	FALSE
-0,073	0,286	-0,004	0,012	0,123	FALSE
-0,047	0,280	-0,001	0,008	0,032	FALSE
-0,003	0,295	0,001	0,009	0,023	FALSE
0,065	0,297	0,002	0,013	0,070	TRUE
0,007	0,286	0,000	0,007	0,017	FALSE
0,010	0,289	0,001	0,008	0,053	FALSE
0,045	0,281	0,002	0,009	0,085	FALSE
0,033	0,301	0,001	0,008	0,025	FALSE
-0,120	0,260	-0,002	0,010	0,080	FALSE
-0,047	0,285	-0,001	0,011	0,026	FALSE

0,017	0,283	0,002	0,007	0,086	FALSE
0,064	0,282	0,002	0,006	0,142	FALSE
0,063	0,279	0,001	0,011	0,023	FALSE
-0,061	0,308	-0,001	0,011	0,032	FALSE
0,062	0,283	0,001	0,012	0,028	FALSE
0,050	0,265	0,002	0,013	0,053	FALSE
-0,023	0,280	0,000	0,013	0,011	FALSE
0,021	0,292	0,000	0,012	0,014	FALSE
-0,143	0,283	-0,006	0,012	0,198	FALSE
0,143	0,291	0,005	0,009	0,241	FALSE
0,010	0,290	0,000	0,013	0,012	FALSE
0,043	0,286	0,001	0,006	0,054	FALSE
-0,126	0,299	-0,005	0,013	0,174	FALSE
0,139	0,292	0,002	0,007	0,135	FALSE
-0,040	0,304	-0,001	0,012	0,015	FALSE
0,062	0,298	0,002	0,009	0,066	FALSE
0,037	0,311	0,001	0,008	0,057	FALSE
0,093	0,297	0,004	0,013	0,116	FALSE
-0,023	0,283	0,000	0,012	0,011	FALSE
0,078	0,282	0,002	0,012	0,074	FALSE
-0,031	0,285	-0,001	0,011	0,029	FALSE
-0,029	0,281	-0,001	0,011	0,047	FALSE
-0,052	0,280	-0,002	0,011	0,070	FALSE
0,053	0,281	0,001	0,012	0,030	FALSE
0,032	0,290	0,001	0,012	0,032	FALSE
0,146	0,277	0,003	0,006	0,202	FALSE
-0,055	0,288	-0,002	0,012	0,067	FALSE
0,080	0,304	0,002	0,008	0,112	FALSE
-0,038	0,291	-0,001	0,008	0,049	FALSE
0,029	0,281	0,000	0,007	0,024	FALSE
-0,042	0,296	-0,002	0,012	0,048	FALSE
0,038	0,297	0,001	0,008	0,048	FALSE
-0,093	0,269	-0,002	0,006	0,133	FALSE
0,011	0,297	-0,001	0,013	0,017	FALSE
-0,015	0,289	-0,002	0,008	0,110	FALSE
0,210	0,293	0,009	0,013	0,285	FALSE
0,002	0,275	0,001	0,007	0,035	FALSE
0,069	0,291	0,001	0,007	0,072	FALSE
0,023	0,303	0,002	0,011	0,048	FALSE
-0,035	0,288	-0,001	0,012	0,033	FALSE
0,090	0,277	0,005	0,010	0,222	FALSE
0,131	0,296	0,003	0,006	0,188	FALSE
0,107	0,286	0,004	0,009	0,181	FALSE
-0,007	0,299	0,000	0,007	0,008	FALSE
-0,009	0,297	0,000	0,011	0,005	FALSE
-0,111	0,279	-0,003	0,007	0,163	FALSE
0,068	0,304	0,001	0,009	0,056	FALSE
0,045	0,284	0,001	0,007	0,068	FALSE
0,018	0,297	0,000	0,007	0,002	FALSE
-0,067	0,292	-0,003	0,011	0,106	FALSE
0,019	0,290	0,001	0,012	0,017	FALSE
0,106	0,293	0,003	0,008	0,169	FALSE
-0,070	0,296	-0,001	0,009	0,052	FALSE

-0,031	0,295	-0,002	0,008	0,081	FALSE
0,119	0,293	0,003	0,012	0,088	FALSE
-0,046	0,303	-0,004	0,012	0,120	FALSE
-0,046	0,294	-0,001	0,009	0,059	FALSE
-0,045	0,305	0,000	0,006	0,015	FALSE
-0,134	0,287	-0,003	0,009	0,125	FALSE
0,083	0,272	0,002	0,012	0,073	FALSE
0,117	0,286	0,003	0,007	0,203	FALSE
0,026	0,298	0,001	0,007	0,068	FALSE
0,018	0,304	0,001	0,007	0,063	FALSE
0,094	0,301	0,002	0,006	0,110	FALSE
0,072	0,280	0,002	0,006	0,129	FALSE
0,049	0,289	0,001	0,006	0,068	FALSE
0,122	0,293	0,003	0,007	0,205	FALSE
0,046	0,315	0,002	0,010	0,070	FALSE
0,058	0,295	0,002	0,009	0,099	FALSE
0,029	0,287	0,000	0,011	0,014	FALSE
0,011	0,289	0,001	0,010	0,042	FALSE
0,081	0,288	0,001	0,008	0,053	FALSE
-0,045	0,302	-0,002	0,013	0,046	FALSE
0,019	0,288	0,000	0,008	0,014	FALSE
0,043	0,296	0,001	0,009	0,027	FALSE
0,101	0,299	0,003	0,007	0,154	TRUE
-0,200	0,283	-0,003	0,006	0,211	FALSE
-0,067	0,291	-0,001	0,011	0,029	FALSE
0,007	0,289	0,000	0,009	0,007	FALSE
-0,053	0,290	-0,002	0,007	0,108	FALSE
-0,045	0,282	-0,002	0,007	0,095	FALSE
0,081	0,289	0,003	0,011	0,100	FALSE
-0,111	0,280	-0,004	0,010	0,153	FALSE
-0,193	0,276	-0,007	0,012	0,260	FALSE
-0,183	0,285	-0,007	0,012	0,244	FALSE
-0,217	0,273	-0,008	0,013	0,283	FALSE
-0,132	0,290	-0,005	0,011	0,178	FALSE
0,144	0,281	0,003	0,007	0,145	FALSE
0,138	0,285	0,003	0,007	0,195	FALSE
-0,137	0,284	-0,003	0,007	0,152	FALSE
0,035	0,293	0,001	0,012	0,026	FALSE
0,050	0,294	0,001	0,008	0,048	FALSE
-0,087	0,303	-0,003	0,013	0,088	FALSE
-0,060	0,289	-0,002	0,011	0,051	FALSE
0,082	0,293	0,002	0,011	0,087	FALSE
0,110	0,292	0,006	0,012	0,195	FALSE
0,111	0,302	0,006	0,013	0,179	FALSE
-0,087	0,283	-0,002	0,008	0,101	FALSE
0,034	0,279	0,000	0,009	0,015	FALSE
-0,056	0,298	-0,001	0,009	0,055	FALSE
0,001	0,303	0,000	0,011	0,002	FALSE
-0,027	0,291	0,000	0,007	0,005	FALSE
0,160	0,281	0,003	0,008	0,141	FALSE
0,028	0,303	0,003	0,012	0,076	FALSE
0,009	0,279	0,000	0,010	0,016	FALSE
0,020	0,278	-0,002	0,007	0,093	FALSE

0,160	0,278	0,003	0,006	0,173	FALSE
0,030	0,297	0,002	0,010	0,060	FALSE
-0,075	0,298	-0,004	0,012	0,137	FALSE
-0,065	0,288	-0,003	0,009	0,116	FALSE
-0,089	0,283	-0,002	0,007	0,114	FALSE
-0,009	0,295	0,000	0,007	0,006	FALSE
0,070	0,284	0,001	0,009	0,054	FALSE
0,046	0,293	0,002	0,012	0,060	FALSE
-0,085	0,292	-0,002	0,012	0,076	FALSE
0,006	0,283	0,002	0,009	0,101	FALSE
0,113	0,278	0,003	0,006	0,169	FALSE
-0,139	0,280	-0,004	0,009	0,198	FALSE
-0,027	0,292	-0,001	0,008	0,026	FALSE
-0,022	0,289	0,000	0,011	0,013	FALSE
0,093	0,267	0,004	0,009	0,151	FALSE
0,017	0,284	-0,001	0,011	0,022	FALSE
0,002	0,301	-0,001	0,009	0,049	FALSE
-0,116	0,308	-0,003	0,012	0,090	FALSE
-0,140	0,281	-0,003	0,007	0,156	FALSE
-0,071	0,283	-0,001	0,011	0,038	FALSE
-0,034	0,289	0,001	0,012	0,020	FALSE
0,004	0,296	-0,001	0,013	0,033	FALSE
-0,073	0,293	-0,003	0,007	0,197	FALSE
-0,111	0,289	-0,004	0,013	0,106	FALSE
-0,066	0,282	0,000	0,011	0,008	FALSE
0,151	0,277	0,007	0,012	0,266	FALSE
0,031	0,288	0,000	0,009	0,007	FALSE
0,009	0,293	-0,001	0,009	0,032	FALSE
0,090	0,289	0,002	0,011	0,079	FALSE
0,030	0,293	0,002	0,008	0,074	FALSE
-0,103	0,296	-0,006	0,013	0,198	FALSE
0,046	0,305	0,003	0,012	0,094	FALSE
0,044	0,279	0,001	0,009	0,062	FALSE
0,013	0,292	0,001	0,010	0,045	FALSE
-0,025	0,284	0,000	0,013	0,000	FALSE
0,017	0,298	0,001	0,007	0,078	FALSE
-0,078	0,306	-0,004	0,013	0,114	FALSE
-0,179	0,272	-0,006	0,010	0,289	FALSE
-0,229	0,272	-0,007	0,009	0,377	FALSE
0,062	0,305	0,002	0,011	0,071	FALSE
-0,036	0,279	0,000	0,006	0,009	FALSE
0,091	0,293	0,003	0,007	0,166	FALSE
0,040	0,289	0,002	0,007	0,088	FALSE
-0,001	0,276	0,000	0,008	0,007	FALSE
-0,056	0,277	-0,002	0,007	0,129	FALSE
0,129	0,291	0,006	0,012	0,209	FALSE
-0,129	0,294	-0,005	0,013	0,148	FALSE
-0,091	0,273	-0,001	0,007	0,063	FALSE
0,039	0,293	0,000	0,007	0,012	FALSE
-0,035	0,289	0,000	0,009	0,019	FALSE
0,121	0,295	0,003	0,007	0,184	FALSE
-0,085	0,301	-0,002	0,013	0,050	FALSE
0,103	0,290	0,003	0,007	0,167	FALSE

-0,042	0,290	-0,002	0,010	0,076	FALSE
-0,022	0,294	-0,002	0,011	0,068	FALSE
-0,016	0,294	-0,001	0,007	0,052	FALSE
0,002	0,291	0,000	0,008	0,003	FALSE
0,026	0,288	0,000	0,007	0,012	FALSE
0,110	0,285	0,005	0,012	0,174	FALSE
0,084	0,281	0,002	0,012	0,067	FALSE
-0,123	0,283	-0,003	0,007	0,158	FALSE
0,105	0,284	0,006	0,013	0,205	FALSE
0,080	0,296	0,001	0,007	0,052	FALSE
-0,027	0,301	-0,001	0,008	0,047	FALSE
-0,056	0,305	-0,002	0,013	0,053	FALSE
0,044	0,291	0,000	0,007	0,000	FALSE
-0,138	0,281	-0,004	0,009	0,173	FALSE
0,041	0,300	0,002	0,012	0,059	FALSE
0,125	0,298	0,002	0,007	0,112	FALSE
-0,087	0,282	-0,002	0,006	0,152	FALSE
0,007	0,287	0,000	0,011	0,014	FALSE
-0,021	0,285	-0,001	0,007	0,057	FALSE
0,080	0,307	0,003	0,011	0,098	FALSE
-0,078	0,285	-0,001	0,007	0,060	FALSE
-0,068	0,284	-0,001	0,007	0,060	FALSE
-0,020	0,291	-0,002	0,007	0,111	FALSE
0,009	0,284	-0,001	0,010	0,032	FALSE
0,065	0,283	0,001	0,011	0,033	FALSE
0,121	0,286	0,003	0,012	0,115	FALSE
-0,117	0,288	-0,004	0,013	0,126	FALSE
0,096	0,292	0,004	0,013	0,116	FALSE
-0,063	0,295	-0,005	0,011	0,194	FALSE
0,133	0,289	0,004	0,012	0,121	FALSE
-0,119	0,288	-0,003	0,007	0,140	FALSE
-0,150	0,279	-0,007	0,010	0,288	FALSE
0,076	0,294	0,001	0,012	0,015	FALSE
0,044	0,309	-0,001	0,013	0,021	FALSE
0,017	0,301	-0,001	0,012	0,024	FALSE
-0,071	0,308	-0,002	0,009	0,088	FALSE
-0,109	0,281	-0,004	0,008	0,226	FALSE
-0,036	0,300	-0,001	0,013	0,037	FALSE
-0,029	0,294	-0,002	0,009	0,100	FALSE
0,112	0,266	0,004	0,012	0,143	FALSE
0,118	0,279	0,004	0,011	0,149	FALSE
-0,103	0,280	-0,002	0,006	0,151	FALSE
-0,080	0,291	-0,004	0,012	0,128	FALSE
0,023	0,264	0,000	0,013	0,003	FALSE
-0,011	0,298	0,000	0,007	0,016	FALSE
0,064	0,278	0,002	0,012	0,064	FALSE
-0,009	0,281	-0,002	0,012	0,053	FALSE
-0,032	0,278	0,000	0,013	0,001	FALSE
-0,109	0,303	-0,003	0,008	0,143	FALSE
-0,106	0,285	-0,003	0,008	0,171	FALSE
-0,075	0,299	-0,001	0,006	0,068	FALSE
0,101	0,305	0,003	0,011	0,123	FALSE
-0,227	0,279	-0,004	0,007	0,279	FALSE

-0,216	0,283	-0,004	0,007	0,259	FALSE
-0,241	0,279	-0,005	0,007	0,307	FALSE
0,179	0,282	0,006	0,012	0,197	FALSE
0,063	0,281	0,002	0,011	0,078	FALSE
0,029	0,282	0,000	0,007	0,005	FALSE
0,070	0,296	0,001	0,007	0,040	FALSE
-0,085	0,284	-0,003	0,010	0,110	FALSE
-0,082	0,275	-0,003	0,010	0,104	FALSE
0,145	0,292	0,003	0,006	0,162	FALSE
0,004	0,287	0,001	0,011	0,017	FALSE
-0,148	0,286	-0,006	0,012	0,229	FALSE
0,170	0,296	0,004	0,007	0,203	FALSE
0,010	0,281	0,000	0,008	0,017	FALSE
0,097	0,286	0,002	0,007	0,103	FALSE
0,002	0,290	0,001	0,012	0,042	FALSE
0,070	0,299	0,000	0,007	0,009	FALSE
0,083	0,287	0,001	0,008	0,036	FALSE
0,055	0,303	0,000	0,009	0,000	FALSE
0,014	0,288	0,000	0,007	0,003	FALSE
0,015	0,292	0,000	0,011	0,011	FALSE
0,020	0,288	0,000	0,007	0,006	FALSE
-0,006	0,312	-0,001	0,009	0,028	FALSE
-0,053	0,287	-0,002	0,008	0,093	FALSE
0,000	0,288	0,000	0,007	0,025	FALSE
-0,023	0,274	-0,001	0,007	0,054	FALSE
0,075	0,296	0,002	0,007	0,100	FALSE
-0,137	0,295	-0,003	0,009	0,139	FALSE
-0,033	0,290	-0,001	0,008	0,042	FALSE
0,044	0,286	0,001	0,007	0,031	FALSE
-0,082	0,299	-0,002	0,010	0,070	FALSE
-0,063	0,304	-0,002	0,008	0,076	FALSE
-0,048	0,292	-0,001	0,010	0,029	FALSE
0,002	0,290	0,001	0,010	0,027	FALSE
0,085	0,294	0,002	0,009	0,088	FALSE
0,006	0,289	0,001	0,010	0,019	FALSE
-0,094	0,295	-0,003	0,009	0,160	FALSE
-0,158	0,285	-0,007	0,012	0,231	FALSE
0,001	0,290	0,000	0,008	0,020	FALSE
-0,027	0,290	0,001	0,010	0,045	FALSE
0,099	0,296	0,002	0,011	0,076	FALSE
0,084	0,297	0,002	0,011	0,082	FALSE
-0,017	0,319	0,001	0,013	0,028	FALSE
0,011	0,300	0,002	0,013	0,060	FALSE
0,058	0,286	0,003	0,008	0,137	FALSE
-0,037	0,288	-0,002	0,007	0,119	FALSE
0,079	0,283	0,003	0,011	0,097	FALSE
0,015	0,296	0,001	0,012	0,020	FALSE
-0,030	0,299	0,000	0,009	0,013	FALSE
-0,170	0,275	-0,003	0,006	0,218	FALSE
0,024	0,294	0,000	0,010	0,006	FALSE
-0,062	0,284	-0,003	0,007	0,151	FALSE
-0,014	0,296	0,001	0,011	0,028	FALSE
-0,115	0,287	-0,003	0,006	0,170	FALSE

-0,114	0,286	-0,004	0,010	0,174	FALSE
-0,122	0,296	-0,006	0,013	0,187	FALSE
0,010	0,298	0,002	0,011	0,056	FALSE
0,056	0,265	0,000	0,012	0,001	FALSE
0,133	0,294	0,002	0,008	0,096	FALSE
0,081	0,292	0,003	0,011	0,121	FALSE
-0,076	0,289	-0,002	0,007	0,090	FALSE
0,010	0,299	0,000	0,009	0,009	FALSE
0,080	0,290	0,001	0,012	0,039	FALSE
0,077	0,289	0,001	0,013	0,036	FALSE
-0,086	0,293	-0,002	0,011	0,086	FALSE
-0,082	0,291	-0,002	0,011	0,069	FALSE
0,036	0,284	0,000	0,012	0,001	FALSE
-0,060	0,291	-0,001	0,007	0,067	FALSE
0,029	0,293	-0,002	0,010	0,059	FALSE
-0,043	0,287	-0,002	0,010	0,091	FALSE
-0,033	0,294	-0,002	0,012	0,065	FALSE
-0,016	0,277	0,000	0,006	0,010	FALSE
0,153	0,294	0,004	0,011	0,153	FALSE
0,041	0,292	0,002	0,010	0,065	FALSE
0,003	0,290	-0,001	0,009	0,034	FALSE
0,033	0,293	0,001	0,013	0,041	FALSE
-0,026	0,284	-0,002	0,008	0,068	FALSE
0,023	0,286	0,001	0,008	0,043	FALSE
-0,084	0,289	-0,002	0,007	0,125	FALSE
0,009	0,289	-0,003	0,013	0,091	FALSE
0,049	0,291	0,003	0,011	0,089	FALSE
-0,062	0,300	-0,003	0,008	0,167	FALSE
-0,003	0,299	-0,002	0,008	0,108	FALSE
-0,028	0,286	0,001	0,007	0,036	FALSE
-0,031	0,298	-0,001	0,007	0,033	FALSE
0,071	0,280	0,003	0,007	0,147	FALSE
-0,079	0,286	-0,003	0,013	0,092	FALSE
0,000	0,299	0,000	0,013	0,004	FALSE
-0,029	0,304	-0,001	0,013	0,036	FALSE
-0,024	0,286	-0,001	0,012	0,034	FALSE
-0,054	0,291	-0,001	0,009	0,023	FALSE
0,021	0,290	0,001	0,008	0,049	FALSE
-0,067	0,286	-0,002	0,008	0,085	FALSE
-0,077	0,275	-0,006	0,012	0,188	FALSE
-0,022	0,285	-0,001	0,011	0,028	FALSE
-0,050	0,279	-0,004	0,012	0,112	FALSE
-0,023	0,269	-0,002	0,011	0,088	FALSE
0,082	0,295	0,003	0,007	0,139	FALSE
0,012	0,300	0,000	0,013	0,003	FALSE
-0,148	0,290	-0,005	0,012	0,178	FALSE
-0,128	0,284	-0,003	0,007	0,157	FALSE
-0,148	0,291	-0,005	0,012	0,149	FALSE
0,054	0,308	0,001	0,011	0,042	FALSE
0,032	0,301	0,002	0,013	0,058	FALSE
0,087	0,297	0,004	0,011	0,127	FALSE
-0,200	0,272	-0,006	0,008	0,321	FALSE
0,070	0,291	0,000	0,010	0,016	FALSE

-0,136	0,287	-0,004	0,007	0,195	FALSE
-0,025	0,289	0,000	0,012	0,013	FALSE
0,129	0,280	0,004	0,010	0,169	FALSE
-0,057	0,293	-0,001	0,012	0,018	FALSE
-0,112	0,280	-0,002	0,006	0,102	FALSE
-0,007	0,281	0,002	0,012	0,054	FALSE
-0,017	0,299	0,002	0,013	0,061	FALSE
-0,023	0,278	0,000	0,007	0,016	FALSE
-0,091	0,282	-0,002	0,008	0,112	FALSE
-0,092	0,284	-0,003	0,011	0,088	FALSE
-0,113	0,291	-0,004	0,012	0,134	FALSE
-0,088	0,302	-0,003	0,012	0,094	FALSE
-0,090	0,295	-0,003	0,012	0,093	FALSE
0,098	0,276	0,002	0,007	0,083	FALSE
0,000	0,301	0,000	0,013	0,009	FALSE
0,021	0,292	0,001	0,008	0,039	FALSE
0,004	0,280	0,000	0,007	0,023	FALSE
0,075	0,300	0,003	0,008	0,132	FALSE
-0,046	0,277	-0,001	0,007	0,049	FALSE
-0,030	0,282	-0,001	0,008	0,034	FALSE
-0,174	0,275	-0,006	0,011	0,218	FALSE
-0,089	0,286	-0,005	0,013	0,148	FALSE
0,083	0,291	0,003	0,009	0,139	FALSE
-0,010	0,294	-0,001	0,010	0,048	FALSE
0,017	0,298	-0,001	0,009	0,029	FALSE
-0,004	0,279	0,002	0,012	0,051	FALSE
0,009	0,284	0,000	0,012	0,010	FALSE
0,010	0,287	-0,001	0,007	0,052	FALSE
-0,062	0,275	-0,003	0,008	0,139	FALSE
-0,039	0,282	-0,003	0,009	0,115	FALSE
0,005	0,279	-0,002	0,008	0,107	FALSE
0,011	0,297	0,000	0,006	0,025	FALSE
0,039	0,290	-0,001	0,008	0,025	FALSE
-0,070	0,295	-0,001	0,008	0,039	FALSE
0,025	0,291	0,001	0,012	0,030	FALSE
0,072	0,275	0,005	0,011	0,179	FALSE
0,147	0,272	0,007	0,011	0,289	FALSE
-0,132	0,272	-0,002	0,011	0,074	FALSE
-0,002	0,294	0,000	0,012	0,010	FALSE
-0,011	0,295	0,000	0,007	0,019	FALSE
0,025	0,277	0,003	0,011	0,089	FALSE
-0,026	0,295	0,000	0,008	0,019	FALSE
-0,002	0,290	-0,001	0,007	0,042	FALSE
0,056	0,285	0,002	0,007	0,108	FALSE
0,061	0,277	0,003	0,010	0,136	FALSE
0,013	0,302	-0,001	0,012	0,019	FALSE
-0,106	0,289	-0,002	0,009	0,070	FALSE
0,061	0,284	0,000	0,007	0,024	FALSE
0,088	0,284	0,002	0,011	0,055	FALSE
0,003	0,292	0,002	0,010	0,063	FALSE
0,089	0,301	0,002	0,008	0,095	FALSE
0,034	0,285	0,002	0,007	0,104	FALSE
0,055	0,283	0,002	0,012	0,071	FALSE

0,071	0,278	0,001	0,006	0,040	FALSE
-0,075	0,294	-0,004	0,010	0,154	FALSE
0,015	0,274	0,001	0,007	0,047	FALSE
-0,044	0,289	-0,002	0,007	0,105	FALSE
-0,012	0,288	0,000	0,010	0,008	FALSE
0,033	0,289	-0,001	0,007	0,048	FALSE
-0,021	0,299	0,000	0,010	0,011	FALSE
0,108	0,283	0,004	0,009	0,183	FALSE
-0,021	0,294	0,001	0,010	0,017	FALSE
-0,029	0,295	-0,001	0,011	0,046	FALSE
-0,015	0,289	-0,002	0,011	0,058	FALSE
-0,032	0,297	-0,001	0,012	0,024	FALSE
-0,085	0,279	-0,002	0,007	0,108	FALSE
-0,087	0,290	-0,002	0,007	0,087	FALSE
0,143	0,287	0,005	0,009	0,215	FALSE
0,158	0,277	0,006	0,008	0,301	FALSE
0,036	0,291	0,000	0,011	0,008	FALSE
0,083	0,283	0,003	0,013	0,091	FALSE
-0,112	0,292	-0,002	0,006	0,126	FALSE
-0,056	0,288	0,000	0,006	0,001	FALSE
0,104	0,286	0,003	0,007	0,156	FALSE
-0,094	0,290	-0,002	0,010	0,088	FALSE
-0,033	0,287	-0,002	0,007	0,121	FALSE
0,067	0,283	0,002	0,007	0,121	FALSE
-0,065	0,295	-0,002	0,011	0,075	FALSE
0,025	0,297	0,000	0,010	0,015	FALSE
-0,024	0,281	0,001	0,011	0,042	FALSE
0,016	0,292	0,002	0,012	0,075	FALSE
-0,065	0,298	-0,001	0,009	0,026	FALSE
0,144	0,291	0,007	0,013	0,218	FALSE
0,020	0,277	0,001	0,008	0,026	FALSE
-0,010	0,300	-0,002	0,010	0,076	FALSE
-0,074	0,284	-0,003	0,012	0,104	FALSE
-0,024	0,295	-0,002	0,011	0,056	FALSE
-0,123	0,280	-0,005	0,012	0,191	FALSE
0,036	0,288	0,002	0,007	0,103	FALSE
0,080	0,281	0,001	0,010	0,030	FALSE
-0,027	0,287	-0,001	0,007	0,029	FALSE
0,070	0,279	0,001	0,010	0,037	FALSE
0,008	0,300	0,000	0,007	0,004	FALSE
-0,102	0,284	-0,002	0,007	0,081	FALSE
-0,177	0,278	-0,004	0,007	0,262	FALSE
0,069	0,296	0,002	0,013	0,061	FALSE
-0,088	0,287	-0,002	0,013	0,051	FALSE
0,043	0,298	0,002	0,011	0,074	FALSE
-0,164	0,280	-0,007	0,010	0,331	FALSE
-0,113	0,272	-0,002	0,008	0,103	FALSE
-0,134	0,282	-0,002	0,007	0,099	FALSE
0,107	0,290	0,003	0,013	0,094	FALSE
0,129	0,294	0,004	0,013	0,134	FALSE
-0,055	0,298	-0,001	0,011	0,035	FALSE
-0,008	0,297	-0,001	0,012	0,043	FALSE
0,120	0,297	0,006	0,012	0,198	FALSE

0,077	0,279	0,002	0,009	0,074	FALSE
0,008	0,283	0,001	0,012	0,019	FALSE
-0,022	0,279	-0,002	0,012	0,049	FALSE
0,066	0,271	0,001	0,012	0,025	FALSE
0,065	0,279	0,001	0,008	0,071	FALSE
-0,008	0,298	0,000	0,009	0,002	FALSE
-0,094	0,279	-0,001	0,008	0,053	FALSE
-0,039	0,282	0,000	0,008	0,009	FALSE
-0,044	0,290	-0,002	0,013	0,044	FALSE
-0,087	0,291	-0,003	0,013	0,083	FALSE
-0,071	0,299	-0,002	0,012	0,069	FALSE
-0,037	0,278	-0,004	0,010	0,145	FALSE
0,004	0,303	0,002	0,013	0,065	FALSE
0,040	0,290	0,004	0,013	0,110	FALSE
0,015	0,291	-0,001	0,012	0,031	FALSE
-0,083	0,297	-0,001	0,007	0,059	FALSE
-0,043	0,296	-0,001	0,009	0,023	FALSE
-0,005	0,293	0,001	0,008	0,028	FALSE
0,010	0,287	0,001	0,007	0,033	FALSE
0,108	0,285	0,003	0,007	0,142	FALSE
0,065	0,289	0,002	0,012	0,057	FALSE
-0,032	0,289	0,000	0,011	0,001	FALSE
0,060	0,303	0,001	0,013	0,024	FALSE
-0,042	0,282	-0,003	0,011	0,110	FALSE
-0,028	0,287	-0,001	0,009	0,049	FALSE
-0,037	0,298	-0,001	0,010	0,048	FALSE
-0,011	0,289	0,000	0,008	0,016	FALSE
0,094	0,283	0,004	0,012	0,146	FALSE
0,005	0,282	0,002	0,009	0,082	FALSE
-0,048	0,308	0,000	0,010	0,003	FALSE
-0,109	0,299	-0,003	0,007	0,185	FALSE
-0,106	0,297	-0,003	0,008	0,173	FALSE
0,042	0,297	0,002	0,008	0,087	FALSE
0,000	0,296	0,000	0,009	0,016	FALSE
0,103	0,280	0,003	0,011	0,121	FALSE
0,046	0,285	0,002	0,011	0,051	FALSE
-0,161	0,292	-0,004	0,008	0,246	FALSE
0,065	0,283	0,001	0,007	0,038	FALSE
-0,027	0,294	-0,002	0,011	0,072	FALSE
-0,091	0,292	-0,004	0,012	0,114	FALSE
-0,166	0,282	-0,005	0,011	0,180	FALSE
-0,161	0,290	-0,005	0,011	0,168	FALSE
0,112	0,292	0,003	0,009	0,137	FALSE
0,119	0,298	0,003	0,009	0,147	FALSE
0,150	0,291	0,003	0,008	0,171	FALSE
0,056	0,288	0,003	0,013	0,091	FALSE
0,108	0,287	0,003	0,009	0,130	FALSE
0,107	0,295	0,003	0,009	0,113	FALSE
-0,025	0,293	-0,001	0,007	0,060	FALSE
0,082	0,299	0,001	0,009	0,063	FALSE
-0,041	0,294	-0,001	0,012	0,027	FALSE
0,104	0,307	0,003	0,012	0,109	FALSE
-0,065	0,307	-0,002	0,009	0,065	FALSE

-0,083	0,285	-0,003	0,009	0,129	FALSE
0,002	0,280	0,000	0,009	0,018	FALSE
0,095	0,292	0,005	0,013	0,144	FALSE
-0,027	0,284	-0,001	0,008	0,028	FALSE
0,092	0,282	0,005	0,012	0,184	FALSE
-0,094	0,290	-0,005	0,011	0,159	FALSE
-0,078	0,284	-0,002	0,009	0,088	FALSE
-0,032	0,281	0,000	0,007	0,001	FALSE
0,055	0,297	0,001	0,008	0,036	FALSE
-0,098	0,286	-0,002	0,011	0,061	FALSE
-0,006	0,302	-0,001	0,009	0,048	FALSE
0,094	0,292	0,003	0,008	0,122	FALSE
-0,148	0,283	-0,004	0,010	0,173	FALSE
-0,039	0,287	-0,001	0,008	0,044	FALSE
0,103	0,291	0,003	0,008	0,157	FALSE
-0,068	0,278	-0,002	0,010	0,061	FALSE
0,166	0,287	0,005	0,012	0,149	FALSE
-0,106	0,296	-0,004	0,013	0,107	FALSE
0,068	0,299	0,001	0,007	0,041	FALSE
-0,218	0,291	-0,007	0,010	0,302	FALSE
0,061	0,283	0,003	0,010	0,105	FALSE
-0,013	0,294	-0,001	0,012	0,030	FALSE
0,007	0,307	-0,001	0,013	0,017	FALSE
0,016	0,296	0,000	0,007	0,018	FALSE
0,048	0,289	0,002	0,012	0,068	FALSE
0,022	0,306	0,002	0,012	0,061	FALSE
0,014	0,278	0,001	0,012	0,029	FALSE
-0,152	0,277	-0,004	0,008	0,186	FALSE
-0,075	0,297	-0,003	0,009	0,126	FALSE
0,012	0,283	-0,001	0,006	0,047	FALSE
0,152	0,291	0,006	0,010	0,239	FALSE
0,030	0,283	0,004	0,011	0,145	FALSE
0,083	0,295	0,002	0,007	0,101	FALSE
-0,004	0,287	0,000	0,007	0,010	FALSE
0,077	0,294	0,002	0,012	0,054	FALSE
-0,048	0,286	0,001	0,013	0,037	FALSE
0,003	0,287	-0,001	0,007	0,061	FALSE
-0,081	0,281	-0,001	0,012	0,035	FALSE
0,042	0,285	0,001	0,012	0,021	FALSE
0,090	0,295	0,001	0,007	0,080	FALSE
-0,086	0,301	-0,003	0,011	0,117	FALSE
-0,002	0,298	0,000	0,011	0,011	FALSE
-0,041	0,292	-0,001	0,011	0,046	FALSE
0,042	0,291	0,002	0,008	0,073	FALSE
0,017	0,270	0,003	0,011	0,084	FALSE
0,141	0,295	0,004	0,007	0,242	FALSE
0,022	0,282	0,000	0,007	0,006	FALSE
0,038	0,303	0,001	0,013	0,042	FALSE
-0,064	0,300	-0,002	0,013	0,070	FALSE
0,206	0,280	0,005	0,007	0,306	FALSE
0,189	0,291	0,004	0,007	0,257	FALSE
0,050	0,270	0,002	0,011	0,054	FALSE
-0,058	0,285	-0,003	0,010	0,101	FALSE

0,033	0,296	0,000	0,006	0,004	FALSE
-0,084	0,291	-0,002	0,008	0,075	FALSE
0,160	0,275	0,009	0,012	0,311	FALSE
-0,163	0,277	-0,005	0,008	0,309	FALSE
0,186	0,290	0,007	0,011	0,304	FALSE
-0,082	0,294	-0,003	0,007	0,144	FALSE
-0,076	0,292	-0,002	0,007	0,142	FALSE
0,001	0,306	0,000	0,011	0,015	FALSE
-0,020	0,286	0,000	0,010	0,004	FALSE
-0,066	0,285	0,000	0,007	0,013	FALSE
0,186	0,276	0,008	0,013	0,269	FALSE
-0,109	0,297	-0,002	0,007	0,146	FALSE
0,039	0,289	0,001	0,007	0,064	FALSE
0,018	0,281	0,001	0,009	0,052	FALSE
-0,067	0,288	-0,002	0,006	0,149	FALSE
0,039	0,275	0,000	0,008	0,005	FALSE
0,074	0,288	0,002	0,009	0,104	FALSE
-0,182	0,298	-0,005	0,008	0,258	FALSE
0,128	0,285	0,003	0,006	0,186	FALSE
0,090	0,297	0,001	0,007	0,085	FALSE
0,051	0,285	0,002	0,007	0,085	FALSE
0,215	0,278	0,007	0,010	0,293	FALSE
-0,084	0,292	-0,001	0,008	0,062	FALSE
0,132	0,288	0,004	0,012	0,142	FALSE
0,065	0,297	0,003	0,013	0,081	FALSE
-0,079	0,281	-0,002	0,009	0,091	FALSE
-0,020	0,275	0,001	0,008	0,029	FALSE
-0,067	0,291	-0,002	0,008	0,121	FALSE
-0,052	0,282	-0,001	0,011	0,025	FALSE
-0,025	0,298	0,000	0,007	0,019	FALSE
-0,012	0,292	-0,001	0,006	0,052	FALSE
0,015	0,300	0,000	0,007	0,025	FALSE
0,038	0,311	0,001	0,008	0,024	FALSE
0,030	0,282	0,001	0,008	0,025	FALSE
-0,066	0,285	-0,002	0,010	0,059	FALSE
0,070	0,288	0,002	0,006	0,100	FALSE
0,045	0,287	0,001	0,006	0,060	FALSE
0,043	0,281	0,001	0,006	0,071	FALSE
0,054	0,286	0,001	0,006	0,074	FALSE
0,033	0,287	0,001	0,006	0,054	FALSE
-0,011	0,286	-0,001	0,008	0,028	FALSE
0,077	0,287	0,002	0,011	0,059	FALSE
0,020	0,282	0,001	0,007	0,059	FALSE
0,020	0,287	0,001	0,007	0,067	FALSE
-0,037	0,295	-0,001	0,011	0,039	FALSE
-0,064	0,283	-0,001	0,012	0,036	FALSE
0,024	0,291	0,000	0,012	0,002	FALSE
-0,090	0,294	-0,002	0,006	0,100	FALSE
0,069	0,297	0,003	0,012	0,082	FALSE
-0,044	0,306	-0,001	0,008	0,047	FALSE
0,061	0,281	0,002	0,010	0,070	FALSE
0,011	0,298	0,000	0,008	0,005	FALSE
0,113	0,279	0,003	0,008	0,143	FALSE

-0,074	0,285	-0,003	0,009	0,114	FALSE
-0,073	0,295	-0,002	0,009	0,107	FALSE
-0,091	0,271	-0,005	0,012	0,157	FALSE
0,009	0,286	0,000	0,009	0,001	FALSE
0,047	0,291	0,002	0,009	0,092	FALSE
0,140	0,278	0,004	0,008	0,220	FALSE
0,041	0,299	0,000	0,009	0,003	FALSE
0,029	0,287	-0,001	0,012	0,022	FALSE
0,122	0,289	0,002	0,007	0,150	FALSE
-0,167	0,271	-0,005	0,007	0,296	FALSE
0,251	0,277	0,009	0,012	0,347	FALSE
0,040	0,292	0,003	0,009	0,141	FALSE
0,010	0,288	0,001	0,012	0,039	FALSE
-0,013	0,290	-0,001	0,009	0,057	FALSE
-0,076	0,283	-0,002	0,010	0,065	FALSE
0,027	0,292	0,002	0,011	0,055	FALSE
0,021	0,293	0,002	0,010	0,054	FALSE
0,069	0,298	0,002	0,013	0,044	FALSE
0,069	0,293	0,001	0,012	0,033	FALSE
0,019	0,280	0,000	0,013	0,010	FALSE
0,024	0,300	0,001	0,013	0,014	FALSE
0,100	0,271	0,004	0,010	0,145	FALSE
-0,141	0,290	-0,003	0,007	0,177	FALSE
0,067	0,290	0,002	0,013	0,049	FALSE
-0,014	0,284	0,000	0,008	0,016	FALSE
0,051	0,296	0,002	0,010	0,084	FALSE
-0,031	0,290	0,000	0,006	0,003	FALSE
-0,049	0,285	-0,001	0,007	0,061	FALSE
-0,088	0,290	-0,002	0,012	0,068	FALSE
-0,090	0,301	-0,004	0,013	0,128	FALSE
0,054	0,296	0,002	0,011	0,060	FALSE
0,007	0,294	0,000	0,007	0,022	FALSE
-0,005	0,290	-0,001	0,008	0,061	FALSE
0,016	0,293	0,000	0,012	0,010	FALSE
-0,111	0,284	-0,002	0,008	0,123	FALSE
-0,034	0,300	-0,001	0,008	0,060	FALSE
-0,013	0,279	-0,003	0,012	0,090	FALSE
-0,230	0,290	-0,007	0,010	0,301	FALSE
0,239	0,279	0,006	0,009	0,297	FALSE
-0,129	0,269	-0,003	0,013	0,097	FALSE
0,006	0,295	0,000	0,009	0,004	FALSE
-0,052	0,276	-0,002	0,008	0,090	FALSE
-0,039	0,291	-0,001	0,008	0,023	FALSE
-0,006	0,309	0,000	0,008	0,009	FALSE
0,057	0,297	0,002	0,008	0,102	FALSE
0,125	0,294	0,005	0,012	0,159	FALSE
0,053	0,281	0,001	0,007	0,055	FALSE
0,023	0,294	0,001	0,012	0,036	FALSE
0,104	0,291	0,004	0,008	0,199	FALSE
0,056	0,285	0,002	0,013	0,051	FALSE
-0,218	0,289	-0,004	0,007	0,278	FALSE
-0,086	0,297	-0,004	0,013	0,107	FALSE
-0,098	0,286	-0,004	0,013	0,140	FALSE

-0,096	0,273	-0,004	0,013	0,140	FALSE
-0,078	0,277	-0,004	0,013	0,116	FALSE
-0,027	0,285	0,000	0,008	0,016	FALSE
0,034	0,292	0,002	0,013	0,066	FALSE
0,026	0,288	0,002	0,007	0,082	FALSE
0,119	0,276	0,006	0,012	0,208	FALSE
-0,117	0,284	-0,005	0,012	0,184	FALSE
-0,125	0,269	-0,005	0,011	0,178	FALSE
-0,137	0,282	-0,005	0,012	0,190	FALSE
-0,130	0,305	-0,005	0,012	0,176	FALSE
0,070	0,286	0,003	0,013	0,096	FALSE
0,009	0,280	0,001	0,012	0,022	FALSE
0,028	0,286	0,001	0,013	0,040	FALSE
0,036	0,288	0,001	0,013	0,015	FALSE
0,099	0,297	0,003	0,008	0,152	FALSE
0,017	0,279	0,003	0,012	0,112	FALSE
0,030	0,271	0,003	0,009	0,132	FALSE
0,023	0,290	0,000	0,007	0,017	FALSE
-0,008	0,284	0,002	0,012	0,046	FALSE
-0,028	0,288	-0,002	0,011	0,088	FALSE
0,001	0,286	-0,001	0,011	0,021	FALSE
0,051	0,298	0,001	0,011	0,038	FALSE
0,070	0,284	0,003	0,012	0,108	FALSE
0,056	0,289	0,002	0,010	0,076	FALSE
0,132	0,279	0,003	0,009	0,139	FALSE
0,070	0,302	0,002	0,008	0,081	FALSE
0,068	0,301	0,002	0,008	0,073	FALSE
-0,127	0,284	-0,003	0,007	0,169	FALSE
-0,076	0,284	-0,001	0,012	0,019	FALSE
-0,141	0,285	-0,004	0,008	0,170	FALSE
0,137	0,291	0,002	0,007	0,085	FALSE
-0,183	0,288	-0,005	0,008	0,269	FALSE
0,243	0,272	0,010	0,013	0,389	FALSE
-0,103	0,287	-0,006	0,012	0,231	FALSE
0,027	0,296	0,001	0,009	0,023	FALSE
-0,016	0,294	0,000	0,012	0,006	FALSE
0,081	0,288	0,002	0,010	0,067	FALSE
-0,010	0,297	0,000	0,010	0,001	FALSE
-0,120	0,293	-0,003	0,013	0,099	FALSE
0,019	0,294	0,000	0,011	0,015	FALSE
0,021	0,291	-0,001	0,008	0,031	FALSE
0,086	0,286	0,002	0,009	0,074	FALSE
-0,002	0,291	0,000	0,011	0,001	FALSE
0,018	0,285	0,000	0,008	0,019	FALSE
-0,058	0,288	-0,002	0,010	0,081	FALSE
-0,045	0,288	-0,002	0,007	0,111	FALSE
0,061	0,292	0,002	0,006	0,131	FALSE
0,075	0,279	0,005	0,011	0,201	FALSE
-0,003	0,283	-0,002	0,010	0,065	FALSE
0,159	0,297	0,006	0,009	0,288	FALSE
0,032	0,300	0,001	0,007	0,034	FALSE
-0,071	0,290	-0,002	0,007	0,090	FALSE
0,065	0,289	0,003	0,012	0,100	FALSE

-0,060	0,303	-0,003	0,010	0,094	FALSE
-0,197	0,267	-0,004	0,007	0,245	FALSE
0,043	0,294	0,000	0,009	0,001	FALSE
-0,046	0,298	-0,003	0,012	0,086	FALSE
-0,119	0,284	-0,004	0,011	0,165	FALSE
-0,049	0,294	-0,001	0,012	0,034	FALSE
0,061	0,292	0,001	0,012	0,015	FALSE
-0,059	0,287	-0,002	0,010	0,093	FALSE
0,084	0,285	0,004	0,008	0,182	FALSE
-0,062	0,270	-0,002	0,010	0,084	FALSE
0,084	0,286	0,002	0,007	0,096	FALSE
-0,071	0,284	-0,002	0,009	0,098	FALSE
-0,085	0,288	-0,003	0,010	0,128	FALSE
-0,064	0,272	-0,003	0,011	0,120	FALSE
0,030	0,287	0,001	0,008	0,063	FALSE
0,052	0,293	0,002	0,012	0,048	FALSE
0,021	0,290	0,001	0,008	0,029	FALSE
-0,035	0,284	-0,001	0,013	0,039	FALSE
0,030	0,300	0,000	0,007	0,022	FALSE
0,033	0,295	0,001	0,008	0,023	FALSE
0,033	0,283	0,001	0,008	0,038	FALSE
-0,171	0,280	-0,006	0,012	0,197	FALSE
-0,096	0,292	-0,002	0,006	0,140	FALSE
-0,194	0,268	-0,006	0,011	0,246	FALSE
-0,030	0,287	0,000	0,011	0,005	FALSE
-0,007	0,293	0,000	0,007	0,010	FALSE
-0,136	0,299	-0,005	0,013	0,165	FALSE
0,022	0,294	0,002	0,011	0,060	FALSE
0,007	0,298	0,000	0,009	0,005	FALSE
-0,163	0,285	-0,003	0,006	0,186	FALSE
-0,011	0,301	0,000	0,009	0,018	FALSE
-0,106	0,293	-0,002	0,008	0,085	FALSE
-0,022	0,291	-0,002	0,010	0,074	FALSE
-0,109	0,293	-0,001	0,010	0,044	FALSE
0,130	0,288	0,003	0,007	0,161	FALSE
-0,159	0,279	-0,005	0,013	0,153	FALSE
-0,032	0,296	0,000	0,010	0,013	FALSE
0,015	0,299	0,001	0,012	0,039	FALSE
0,089	0,289	0,004	0,013	0,112	FALSE
0,132	0,284	0,004	0,009	0,170	FALSE
0,159	0,282	0,005	0,009	0,215	FALSE
0,139	0,299	0,005	0,011	0,195	FALSE
0,095	0,291	0,003	0,010	0,122	FALSE
-0,044	0,295	-0,001	0,008	0,053	FALSE
-0,010	0,289	-0,001	0,007	0,035	FALSE
0,145	0,285	0,004	0,009	0,215	FALSE
0,097	0,293	0,003	0,009	0,130	FALSE
0,053	0,293	0,001	0,008	0,033	FALSE
0,070	0,285	0,002	0,008	0,104	FALSE
0,002	0,310	0,000	0,009	0,002	FALSE
-0,005	0,275	0,001	0,012	0,027	FALSE
0,014	0,284	0,000	0,011	0,007	FALSE
0,159	0,281	0,008	0,013	0,272	FALSE

-0,022	0,300	0,001	0,009	0,021	FALSE
-0,016	0,277	-0,001	0,007	0,034	FALSE
-0,016	0,292	0,001	0,009	0,046	FALSE
0,000	0,294	-0,001	0,011	0,022	FALSE
-0,002	0,291	0,000	0,008	0,018	FALSE
-0,026	0,291	-0,003	0,012	0,081	FALSE
-0,019	0,297	0,000	0,013	0,011	FALSE
-0,106	0,293	-0,002	0,007	0,093	FALSE
-0,100	0,286	-0,001	0,007	0,082	FALSE
-0,031	0,293	0,000	0,013	0,001	FALSE
-0,086	0,305	-0,002	0,013	0,073	FALSE
0,092	0,280	0,006	0,012	0,216	FALSE
-0,018	0,301	0,000	0,009	0,004	FALSE
-0,033	0,293	0,000	0,007	0,010	FALSE
-0,034	0,305	-0,001	0,009	0,043	FALSE
-0,057	0,296	-0,002	0,009	0,090	FALSE
-0,027	0,315	-0,001	0,010	0,034	FALSE
-0,035	0,303	-0,002	0,010	0,055	FALSE
-0,038	0,287	-0,002	0,013	0,061	FALSE
0,007	0,294	0,000	0,013	0,000	FALSE
0,216	0,284	0,008	0,012	0,313	FALSE
0,239	0,262	0,008	0,011	0,372	FALSE
0,129	0,285	0,002	0,010	0,075	FALSE
0,070	0,290	0,001	0,009	0,025	FALSE
0,029	0,284	-0,001	0,011	0,030	FALSE
0,217	0,268	0,009	0,010	0,449	FALSE
-0,033	0,279	-0,001	0,010	0,048	FALSE
-0,053	0,282	-0,002	0,010	0,066	FALSE
-0,073	0,290	-0,003	0,010	0,103	FALSE
-0,009	0,298	0,000	0,007	0,020	FALSE
-0,044	0,298	0,000	0,011	0,001	FALSE
0,038	0,292	0,001	0,010	0,022	FALSE
-0,072	0,285	-0,003	0,009	0,126	FALSE
0,018	0,281	0,000	0,010	0,006	FALSE
0,015	0,289	0,000	0,010	0,009	FALSE
-0,010	0,279	0,000	0,007	0,022	FALSE
0,060	0,269	0,001	0,012	0,044	FALSE
0,079	0,268	0,002	0,012	0,058	FALSE
0,001	0,281	-0,001	0,012	0,029	FALSE
0,127	0,289	0,004	0,012	0,145	FALSE
0,213	0,274	0,005	0,010	0,200	FALSE
0,140	0,292	0,004	0,012	0,118	FALSE
-0,006	0,293	0,000	0,007	0,017	FALSE
-0,004	0,287	-0,002	0,007	0,081	FALSE
-0,049	0,289	0,001	0,012	0,027	FALSE
0,039	0,275	0,001	0,007	0,053	FALSE
0,018	0,287	0,002	0,006	0,102	FALSE
-0,029	0,301	0,001	0,007	0,037	FALSE
-0,169	0,295	-0,007	0,013	0,230	FALSE
0,062	0,289	0,002	0,007	0,122	FALSE
-0,084	0,307	-0,002	0,013	0,057	FALSE
-0,102	0,300	-0,003	0,009	0,113	FALSE
-0,008	0,299	-0,001	0,007	0,046	FALSE

-0,040	0,292	-0,001	0,013	0,042	FALSE
0,043	0,286	0,001	0,007	0,043	FALSE
-0,033	0,291	-0,001	0,007	0,080	FALSE
-0,034	0,292	0,000	0,009	0,015	FALSE
0,017	0,281	0,002	0,012	0,062	FALSE
0,017	0,282	0,001	0,011	0,033	FALSE
0,047	0,299	0,001	0,006	0,063	FALSE
0,051	0,285	0,002	0,011	0,051	FALSE
-0,134	0,288	-0,004	0,012	0,124	FALSE
0,007	0,287	-0,002	0,013	0,058	FALSE
0,027	0,294	0,000	0,008	0,012	FALSE
-0,014	0,287	-0,001	0,008	0,064	FALSE
0,063	0,289	0,003	0,010	0,108	FALSE
-0,111	0,293	-0,002	0,009	0,097	FALSE
-0,011	0,296	-0,001	0,009	0,051	FALSE
0,154	0,298	0,007	0,011	0,253	FALSE
0,105	0,272	0,004	0,008	0,174	FALSE
-0,112	0,295	-0,004	0,013	0,133	FALSE
0,002	0,281	0,000	0,012	0,012	FALSE
0,041	0,291	0,001	0,013	0,035	FALSE
0,005	0,301	0,000	0,012	0,011	FALSE
-0,028	0,291	-0,002	0,010	0,063	FALSE
0,053	0,287	0,000	0,011	0,012	FALSE
0,089	0,283	0,004	0,013	0,110	FALSE
0,062	0,296	0,002	0,008	0,087	FALSE
-0,001	0,287	0,000	0,012	0,006	FALSE
0,074	0,287	-0,001	0,013	0,014	FALSE
-0,091	0,289	-0,001	0,010	0,053	FALSE
-0,039	0,293	0,001	0,011	0,019	FALSE
0,096	0,287	0,003	0,007	0,154	FALSE
-0,054	0,296	0,000	0,012	0,004	FALSE
-0,083	0,295	-0,004	0,010	0,135	FALSE
0,093	0,302	0,003	0,008	0,167	FALSE
-0,027	0,288	0,000	0,008	0,014	FALSE
-0,023	0,279	0,000	0,007	0,016	FALSE
-0,019	0,291	0,001	0,008	0,026	FALSE
-0,004	0,289	-0,001	0,007	0,047	FALSE
0,104	0,294	0,003	0,012	0,088	FALSE
-0,084	0,285	-0,001	0,010	0,022	FALSE
0,031	0,278	0,002	0,006	0,126	FALSE
-0,085	0,288	-0,003	0,008	0,162	FALSE
0,009	0,293	0,001	0,010	0,039	FALSE
0,039	0,291	0,002	0,010	0,074	FALSE
0,037	0,302	0,002	0,011	0,072	FALSE
0,058	0,294	0,002	0,009	0,090	FALSE
-0,151	0,292	-0,003	0,007	0,158	FALSE
0,023	0,290	0,001	0,010	0,035	FALSE
-0,086	0,289	-0,004	0,010	0,186	FALSE
-0,010	0,282	-0,001	0,008	0,049	FALSE
-0,016	0,286	0,000	0,009	0,008	FALSE
0,094	0,302	0,002	0,007	0,093	FALSE
0,028	0,277	0,002	0,011	0,069	FALSE
0,044	0,293	0,003	0,012	0,105	FALSE

-0,050	0,299	-0,003	0,011	0,101	FALSE
-0,031	0,290	-0,005	0,013	0,140	FALSE
0,031	0,276	0,001	0,007	0,029	FALSE
-0,012	0,289	-0,001	0,010	0,021	FALSE
-0,037	0,289	-0,001	0,007	0,045	FALSE
-0,053	0,278	-0,003	0,009	0,106	FALSE
-0,062	0,290	-0,004	0,012	0,118	FALSE
-0,134	0,276	-0,004	0,007	0,214	FALSE
-0,070	0,291	-0,001	0,007	0,048	FALSE
0,175	0,296	0,007	0,012	0,239	FALSE
-0,018	0,288	-0,001	0,007	0,064	FALSE
0,079	0,292	0,003	0,013	0,088	FALSE
0,053	0,287	0,003	0,011	0,087	FALSE
0,055	0,276	0,000	0,007	0,007	FALSE
0,094	0,283	0,001	0,008	0,035	FALSE
0,065	0,296	0,002	0,011	0,053	FALSE
-0,044	0,295	-0,002	0,007	0,128	FALSE
0,102	0,297	0,003	0,007	0,163	FALSE
0,019	0,298	-0,001	0,012	0,032	FALSE
-0,065	0,296	-0,004	0,012	0,134	FALSE
0,028	0,289	0,001	0,006	0,081	FALSE
-0,015	0,276	-0,002	0,007	0,112	FALSE
0,060	0,299	0,002	0,012	0,066	FALSE
0,050	0,283	0,001	0,008	0,039	FALSE
-0,073	0,280	-0,002	0,007	0,139	FALSE
-0,013	0,284	-0,001	0,007	0,072	FALSE
-0,103	0,277	-0,005	0,012	0,156	FALSE
-0,068	0,286	-0,003	0,012	0,105	FALSE
-0,083	0,277	-0,004	0,012	0,125	FALSE
-0,064	0,282	-0,003	0,009	0,144	FALSE
0,055	0,278	0,001	0,008	0,027	FALSE
-0,140	0,291	-0,005	0,009	0,251	FALSE
0,084	0,270	0,002	0,011	0,076	FALSE
-0,084	0,298	-0,004	0,012	0,143	FALSE
-0,110	0,291	-0,003	0,009	0,130	FALSE
-0,011	0,285	0,000	0,007	0,003	FALSE
-0,102	0,285	-0,002	0,012	0,054	FALSE
0,086	0,295	0,002	0,007	0,112	FALSE
-0,028	0,285	-0,001	0,007	0,085	FALSE
-0,024	0,299	-0,001	0,010	0,032	FALSE
-0,086	0,279	-0,002	0,011	0,061	FALSE
-0,041	0,291	0,000	0,007	0,011	FALSE
-0,048	0,301	0,000	0,008	0,018	FALSE
-0,125	0,282	-0,003	0,007	0,181	FALSE
0,122	0,305	0,004	0,009	0,160	FALSE
0,042	0,289	0,001	0,009	0,048	FALSE
0,188	0,281	0,007	0,010	0,310	FALSE
0,140	0,293	0,006	0,011	0,216	FALSE
0,026	0,286	0,002	0,012	0,063	FALSE
0,050	0,274	0,003	0,011	0,105	FALSE
-0,085	0,287	-0,001	0,009	0,045	FALSE
-0,084	0,282	-0,002	0,007	0,125	FALSE
-0,006	0,298	0,000	0,009	0,008	FALSE

-0,029	0,289	-0,001	0,009	0,046	FALSE
-0,062	0,279	-0,001	0,009	0,030	FALSE
0,040	0,273	0,002	0,009	0,111	FALSE
-0,048	0,296	-0,002	0,009	0,072	FALSE
-0,072	0,298	-0,002	0,012	0,065	FALSE
-0,041	0,295	-0,001	0,013	0,022	FALSE
-0,070	0,286	-0,002	0,009	0,090	FALSE
0,038	0,292	0,000	0,008	0,010	FALSE
-0,037	0,290	0,000	0,006	0,020	FALSE
-0,018	0,286	0,000	0,006	0,007	FALSE
0,138	0,284	0,004	0,008	0,192	FALSE
0,130	0,280	0,003	0,007	0,173	FALSE
0,101	0,289	0,002	0,007	0,130	FALSE
0,088	0,283	0,002	0,011	0,064	FALSE
0,017	0,301	0,001	0,013	0,041	FALSE
0,125	0,295	0,002	0,007	0,113	FALSE
0,006	0,296	0,002	0,011	0,075	FALSE
-0,153	0,280	-0,006	0,013	0,200	FALSE
-0,081	0,292	-0,002	0,009	0,066	FALSE
-0,255	0,276	-0,009	0,011	0,407	FALSE
-0,061	0,283	0,001	0,008	0,030	FALSE
0,054	0,279	0,003	0,011	0,106	FALSE
0,037	0,300	0,001	0,012	0,028	FALSE
-0,072	0,292	-0,001	0,008	0,051	FALSE
-0,007	0,286	0,000	0,009	0,018	FALSE
-0,185	0,298	-0,005	0,008	0,249	FALSE
0,022	0,280	0,002	0,011	0,065	FALSE
0,000	0,295	0,001	0,012	0,038	FALSE
-0,101	0,297	-0,003	0,009	0,119	FALSE
-0,027	0,274	0,000	0,007	0,003	FALSE
-0,051	0,283	-0,001	0,009	0,049	FALSE
-0,149	0,295	-0,004	0,008	0,187	FALSE
-0,020	0,292	0,000	0,012	0,002	FALSE
-0,110	0,280	-0,003	0,008	0,146	FALSE
0,142	0,282	0,006	0,013	0,210	FALSE
-0,019	0,290	-0,001	0,009	0,055	FALSE
-0,002	0,292	0,000	0,007	0,019	FALSE
0,102	0,300	0,002	0,007	0,124	FALSE
-0,064	0,284	-0,001	0,006	0,031	FALSE
0,001	0,286	-0,002	0,011	0,051	FALSE
-0,073	0,287	-0,003	0,009	0,123	FALSE
0,079	0,280	0,004	0,010	0,160	FALSE
0,094	0,288	0,003	0,012	0,088	FALSE
-0,038	0,286	-0,002	0,008	0,069	FALSE
-0,113	0,282	-0,004	0,011	0,133	FALSE
-0,124	0,283	-0,006	0,012	0,196	TRUE
-0,002	0,305	0,000	0,009	0,006	FALSE
0,071	0,292	0,005	0,011	0,184	FALSE
-0,013	0,288	0,001	0,009	0,059	FALSE
0,065	0,292	0,001	0,007	0,050	FALSE
-0,106	0,290	-0,005	0,012	0,178	FALSE
-0,137	0,276	-0,003	0,008	0,144	FALSE
-0,073	0,279	-0,004	0,011	0,123	FALSE

0,115	0,292	0,005	0,012	0,181	FALSE
-0,164	0,290	-0,006	0,013	0,183	FALSE
-0,242	0,291	-0,006	0,008	0,315	FALSE
0,027	0,292	0,000	0,007	0,017	FALSE
-0,063	0,300	-0,003	0,012	0,100	FALSE
-0,127	0,289	-0,002	0,011	0,085	FALSE
0,197	0,285	0,005	0,006	0,393	FALSE
0,120	0,284	0,003	0,011	0,126	FALSE
0,090	0,278	0,005	0,013	0,148	FALSE
-0,019	0,285	-0,001	0,009	0,036	FALSE
-0,136	0,291	-0,004	0,007	0,216	FALSE
-0,128	0,280	-0,002	0,007	0,123	FALSE
-0,036	0,286	-0,001	0,012	0,039	FALSE
-0,042	0,292	-0,001	0,010	0,044	FALSE
-0,094	0,297	-0,003	0,007	0,179	FALSE
-0,121	0,283	-0,004	0,007	0,226	FALSE
-0,134	0,282	-0,004	0,012	0,139	FALSE
-0,061	0,283	-0,001	0,007	0,026	FALSE
-0,119	0,288	-0,002	0,006	0,142	FALSE
-0,061	0,271	-0,001	0,012	0,037	FALSE
0,104	0,299	0,003	0,014	0,098	FALSE
-0,005	0,308	0,000	0,010	0,007	FALSE
-0,126	0,281	-0,004	0,007	0,244	FALSE
-0,023	0,292	0,000	0,009	0,017	FALSE
0,051	0,295	0,002	0,007	0,097	FALSE
-0,017	0,308	-0,001	0,008	0,028	FALSE
0,044	0,288	0,001	0,010	0,043	FALSE
0,008	0,290	0,000	0,013	0,004	FALSE
-0,018	0,297	-0,001	0,011	0,037	FALSE
0,009	0,299	0,000	0,011	0,008	FALSE
0,006	0,300	0,000	0,007	0,020	FALSE
-0,008	0,293	-0,001	0,008	0,034	FALSE
-0,021	0,293	-0,001	0,009	0,055	FALSE
0,080	0,291	0,001	0,011	0,017	FALSE
0,112	0,289	0,002	0,006	0,149	FALSE
-0,003	0,282	0,001	0,012	0,046	FALSE
-0,141	0,292	-0,003	0,009	0,137	FALSE
0,116	0,274	0,005	0,010	0,218	FALSE
0,081	0,275	0,003	0,012	0,084	FALSE
-0,156	0,289	-0,005	0,011	0,187	FALSE
-0,212	0,278	-0,006	0,011	0,256	FALSE
0,077	0,298	0,002	0,007	0,126	FALSE
-0,144	0,281	-0,007	0,012	0,249	FALSE
-0,075	0,279	-0,001	0,008	0,046	FALSE
0,052	0,292	0,002	0,007	0,086	FALSE
-0,121	0,280	-0,004	0,013	0,127	FALSE
-0,122	0,291	-0,005	0,012	0,152	FALSE
-0,110	0,286	-0,004	0,012	0,140	FALSE
-0,081	0,284	-0,002	0,008	0,090	FALSE
0,121	0,266	0,007	0,012	0,261	FALSE
0,078	0,273	0,005	0,011	0,200	FALSE
0,143	0,290	0,007	0,012	0,237	FALSE
0,139	0,290	0,006	0,013	0,210	FALSE

-0,026	0,287	0,000	0,008	0,007	FALSE
0,068	0,287	0,004	0,012	0,143	FALSE
0,032	0,286	-0,001	0,008	0,023	FALSE
-0,047	0,302	-0,001	0,010	0,048	FALSE
0,035	0,309	0,001	0,013	0,018	FALSE
-0,051	0,287	0,000	0,007	0,025	FALSE
0,071	0,294	0,002	0,008	0,074	FALSE
0,116	0,287	0,005	0,011	0,206	FALSE
0,051	0,288	0,001	0,006	0,075	FALSE
0,063	0,280	0,002	0,006	0,098	FALSE
0,096	0,300	0,002	0,007	0,087	FALSE
0,020	0,279	0,000	0,007	0,022	FALSE
0,034	0,285	0,000	0,011	0,002	FALSE
-0,036	0,295	-0,001	0,012	0,040	FALSE
0,057	0,293	0,001	0,008	0,056	FALSE
-0,156	0,275	-0,003	0,007	0,172	FALSE
0,073	0,302	0,001	0,008	0,063	FALSE
-0,055	0,291	-0,001	0,007	0,075	FALSE
0,017	0,291	0,001	0,007	0,046	FALSE
-0,148	0,290	-0,004	0,007	0,207	FALSE
-0,057	0,294	-0,002	0,010	0,069	FALSE
0,006	0,287	0,001	0,006	0,083	FALSE
-0,009	0,288	-0,002	0,012	0,057	FALSE
-0,162	0,283	-0,005	0,010	0,201	FALSE
0,089	0,279	0,002	0,009	0,065	FALSE
0,045	0,297	0,000	0,011	0,010	FALSE
0,056	0,289	0,001	0,007	0,042	FALSE
-0,041	0,285	-0,003	0,010	0,130	FALSE
-0,153	0,276	-0,008	0,011	0,317	FALSE
0,067	0,297	0,001	0,008	0,043	FALSE
-0,054	0,301	-0,002	0,013	0,052	FALSE
0,077	0,304	0,001	0,009	0,049	FALSE
-0,048	0,291	-0,001	0,007	0,033	FALSE
-0,023	0,281	0,000	0,006	0,014	FALSE
-0,047	0,300	-0,002	0,009	0,061	FALSE
0,102	0,298	0,004	0,012	0,141	FALSE
0,017	0,284	0,000	0,007	0,020	FALSE
0,037	0,307	0,000	0,013	0,001	FALSE
0,023	0,298	0,001	0,008	0,024	FALSE
-0,001	0,291	0,000	0,008	0,006	FALSE
-0,051	0,301	0,000	0,007	0,024	FALSE
-0,066	0,286	-0,001	0,006	0,046	FALSE
0,049	0,273	0,000	0,012	0,007	FALSE
-0,046	0,293	-0,002	0,013	0,065	FALSE
-0,063	0,308	-0,003	0,013	0,073	FALSE
0,075	0,287	0,002	0,009	0,068	FALSE
0,118	0,295	0,004	0,013	0,136	FALSE
0,042	0,276	0,001	0,010	0,044	FALSE
-0,053	0,289	-0,002	0,008	0,075	FALSE
0,039	0,282	0,002	0,009	0,067	FALSE
-0,084	0,292	-0,002	0,009	0,086	FALSE
-0,084	0,287	-0,002	0,009	0,078	FALSE
0,046	0,297	0,002	0,007	0,096	FALSE

-0,077	0,287	-0,003	0,009	0,115	FALSE
-0,026	0,305	0,000	0,007	0,007	FALSE
0,185	0,272	0,007	0,010	0,303	FALSE
-0,030	0,295	-0,004	0,012	0,128	FALSE
0,066	0,285	0,000	0,011	0,014	FALSE
-0,005	0,278	0,000	0,006	0,029	FALSE
-0,015	0,283	-0,002	0,012	0,049	FALSE
0,087	0,293	0,001	0,006	0,043	FALSE
-0,084	0,297	-0,003	0,013	0,078	FALSE
0,004	0,291	0,000	0,013	0,001	FALSE
-0,021	0,296	-0,001	0,012	0,028	FALSE
-0,006	0,281	-0,002	0,011	0,057	FALSE
0,051	0,279	0,002	0,012	0,071	FALSE
-0,003	0,291	0,000	0,013	0,005	FALSE
0,181	0,279	0,003	0,006	0,188	FALSE
0,021	0,287	0,001	0,010	0,052	FALSE
0,021	0,287	0,000	0,011	0,002	FALSE
0,007	0,278	0,001	0,007	0,029	FALSE
0,035	0,308	0,000	0,007	0,020	FALSE
-0,004	0,301	0,000	0,013	0,003	FALSE
-0,025	0,291	-0,001	0,010	0,034	FALSE
-0,113	0,280	-0,004	0,011	0,126	FALSE
0,013	0,297	0,000	0,009	0,008	FALSE
0,141	0,286	0,003	0,006	0,195	FALSE
0,050	0,296	0,001	0,008	0,057	FALSE
0,081	0,291	0,003	0,007	0,136	FALSE
-0,103	0,285	-0,002	0,012	0,070	FALSE
0,014	0,290	0,001	0,007	0,064	FALSE
-0,081	0,286	-0,004	0,013	0,131	FALSE
-0,212	0,278	-0,007	0,009	0,336	FALSE
0,025	0,290	0,001	0,010	0,028	FALSE
0,058	0,290	0,003	0,013	0,094	FALSE
0,100	0,283	0,004	0,012	0,147	FALSE
0,171	0,285	0,005	0,010	0,220	FALSE
0,119	0,291	0,003	0,008	0,171	FALSE
0,061	0,291	0,002	0,009	0,099	FALSE
0,103	0,283	0,005	0,013	0,143	FALSE
-0,054	0,293	-0,001	0,010	0,053	FALSE
0,102	0,289	0,002	0,008	0,126	FALSE
-0,005	0,292	0,001	0,011	0,037	FALSE
-0,071	0,300	-0,002	0,008	0,109	FALSE
-0,007	0,288	-0,002	0,013	0,055	FALSE
0,072	0,298	0,001	0,007	0,063	FALSE
0,022	0,285	0,001	0,007	0,029	FALSE
-0,033	0,296	-0,002	0,009	0,066	FALSE
-0,164	0,291	-0,005	0,009	0,259	FALSE
0,037	0,299	-0,001	0,009	0,037	FALSE
-0,047	0,289	-0,003	0,009	0,124	FALSE
0,024	0,290	0,002	0,009	0,066	FALSE
0,109	0,301	0,002	0,008	0,102	FALSE
-0,086	0,281	-0,004	0,012	0,135	FALSE
-0,067	0,294	-0,001	0,013	0,033	FALSE
0,175	0,271	0,006	0,012	0,220	FALSE

-0,063	0,294	-0,002	0,010	0,061	FALSE
-0,001	0,312	-0,001	0,009	0,022	FALSE
0,084	0,303	0,001	0,007	0,055	FALSE
0,080	0,285	0,002	0,008	0,079	FALSE
-0,068	0,300	-0,002	0,007	0,075	FALSE
0,057	0,291	0,001	0,009	0,048	FALSE
-0,132	0,280	-0,004	0,010	0,152	FALSE
0,057	0,282	0,003	0,012	0,088	FALSE
-0,103	0,286	-0,003	0,008	0,149	FALSE
-0,009	0,297	-0,001	0,008	0,047	FALSE
-0,183	0,272	-0,003	0,006	0,185	FALSE
-0,006	0,296	0,000	0,012	0,008	FALSE
-0,065	0,278	-0,001	0,010	0,035	FALSE
0,118	0,283	0,004	0,009	0,162	FALSE
0,046	0,299	0,001	0,006	0,057	FALSE
0,124	0,283	0,005	0,010	0,204	FALSE
-0,131	0,288	-0,005	0,011	0,181	FALSE
-0,145	0,276	-0,005	0,012	0,167	FALSE
-0,023	0,291	0,000	0,007	0,020	FALSE
-0,148	0,274	-0,002	0,006	0,128	FALSE
-0,010	0,281	0,002	0,010	0,062	FALSE
-0,022	0,289	0,000	0,008	0,016	FALSE
-0,054	0,283	-0,001	0,010	0,030	FALSE
-0,069	0,282	-0,002	0,008	0,114	FALSE
-0,015	0,281	-0,001	0,008	0,053	FALSE
-0,025	0,302	-0,001	0,013	0,017	FALSE
-0,036	0,293	-0,001	0,013	0,038	FALSE
-0,101	0,287	-0,004	0,011	0,131	FALSE
-0,068	0,302	-0,002	0,010	0,062	FALSE
0,007	0,284	0,000	0,010	0,001	FALSE
-0,127	0,279	-0,002	0,008	0,106	FALSE
-0,130	0,287	-0,004	0,009	0,160	FALSE
0,070	0,293	0,003	0,013	0,102	FALSE
0,025	0,286	0,001	0,006	0,072	FALSE
-0,139	0,293	-0,003	0,008	0,152	FALSE
-0,052	0,290	-0,002	0,008	0,089	FALSE
0,130	0,297	0,003	0,009	0,124	FALSE
0,112	0,299	0,003	0,009	0,110	FALSE
0,102	0,291	0,003	0,007	0,188	FALSE
0,029	0,274	0,002	0,007	0,115	FALSE
0,057	0,286	0,002	0,007	0,110	FALSE
-0,103	0,283	-0,001	0,008	0,063	FALSE
-0,134	0,286	-0,003	0,013	0,099	FALSE
-0,001	0,302	0,001	0,013	0,026	FALSE
-0,066	0,298	-0,001	0,008	0,039	FALSE
0,030	0,297	0,000	0,009	0,017	FALSE
0,024	0,299	0,001	0,009	0,023	FALSE
-0,097	0,281	-0,003	0,007	0,187	FALSE
-0,065	0,284	-0,002	0,006	0,145	FALSE
0,086	0,297	0,002	0,008	0,105	FALSE
-0,039	0,306	0,000	0,008	0,004	FALSE
-0,005	0,289	-0,001	0,010	0,031	FALSE
-0,013	0,285	-0,003	0,012	0,084	FALSE

-0,048	0,286	0,001	0,008	0,032	FALSE
0,039	0,282	0,002	0,008	0,081	FALSE
-0,051	0,284	-0,002	0,013	0,059	FALSE
-0,009	0,292	0,001	0,007	0,033	FALSE
0,093	0,292	0,003	0,009	0,113	FALSE
-0,045	0,289	-0,001	0,008	0,060	FALSE
0,016	0,281	-0,001	0,012	0,030	FALSE
0,070	0,280	0,001	0,009	0,063	FALSE
0,120	0,291	0,005	0,012	0,173	FALSE
0,029	0,284	0,003	0,011	0,118	FALSE
0,247	0,293	0,006	0,009	0,305	FALSE
-0,009	0,281	0,003	0,013	0,078	FALSE
-0,018	0,278	-0,003	0,012	0,094	FALSE
0,005	0,282	-0,002	0,013	0,056	FALSE
-0,006	0,306	0,000	0,007	0,005	FALSE
0,014	0,293	0,002	0,009	0,097	FALSE
0,058	0,286	0,002	0,009	0,072	FALSE
0,146	0,301	0,003	0,007	0,161	FALSE
-0,140	0,287	-0,003	0,008	0,121	FALSE
0,062	0,281	0,001	0,010	0,044	FALSE
0,112	0,308	0,002	0,007	0,143	FALSE
-0,009	0,296	-0,001	0,007	0,046	FALSE
0,006	0,297	0,000	0,010	0,013	FALSE
-0,025	0,276	-0,003	0,009	0,117	FALSE
0,050	0,301	0,002	0,011	0,069	FALSE
0,134	0,294	0,003	0,010	0,132	FALSE
0,085	0,288	0,002	0,007	0,115	FALSE
0,104	0,302	0,003	0,007	0,148	FALSE
0,088	0,298	0,002	0,007	0,107	FALSE
0,118	0,290	0,003	0,007	0,146	FALSE
0,030	0,294	0,000	0,007	0,014	FALSE
0,020	0,289	0,000	0,007	0,007	FALSE
0,059	0,293	0,004	0,011	0,122	FALSE
0,141	0,294	0,004	0,008	0,182	FALSE
-0,080	0,288	-0,001	0,008	0,065	FALSE
-0,092	0,297	-0,001	0,009	0,057	FALSE
-0,174	0,274	-0,006	0,011	0,214	FALSE
-0,160	0,283	-0,006	0,011	0,213	FALSE
-0,173	0,273	-0,005	0,011	0,198	FALSE
0,099	0,276	0,003	0,006	0,242	FALSE
-0,031	0,276	-0,002	0,012	0,049	FALSE
-0,104	0,283	-0,003	0,009	0,116	FALSE
0,062	0,287	0,001	0,007	0,044	FALSE
0,025	0,290	0,001	0,009	0,026	FALSE
0,137	0,293	0,004	0,008	0,185	FALSE
0,018	0,296	0,004	0,012	0,122	FALSE
0,106	0,299	0,003	0,009	0,139	FALSE
0,142	0,296	0,004	0,008	0,184	FALSE
0,000	0,289	0,001	0,011	0,047	FALSE
-0,131	0,292	-0,003	0,012	0,099	FALSE
0,083	0,289	0,001	0,007	0,072	FALSE
0,023	0,288	0,001	0,009	0,058	FALSE
0,032	0,284	0,001	0,008	0,041	FALSE

0,083	0,281	0,002	0,009	0,082	FALSE
0,086	0,286	0,002	0,008	0,091	FALSE
0,026	0,295	0,000	0,006	0,018	FALSE
-0,142	0,281	-0,003	0,006	0,191	FALSE
-0,031	0,291	-0,001	0,012	0,044	FALSE
-0,040	0,296	-0,001	0,007	0,058	FALSE
-0,107	0,286	-0,002	0,006	0,145	FALSE
0,124	0,284	0,005	0,011	0,167	FALSE
0,008	0,278	0,002	0,011	0,069	FALSE
-0,115	0,288	-0,003	0,010	0,107	FALSE
-0,171	0,291	-0,007	0,013	0,219	FALSE
0,072	0,299	0,002	0,007	0,140	FALSE
-0,082	0,280	-0,003	0,009	0,130	FALSE
0,040	0,285	0,002	0,013	0,042	FALSE
0,053	0,273	0,000	0,009	0,017	FALSE
0,009	0,288	-0,001	0,012	0,040	FALSE
0,000	0,292	0,001	0,007	0,034	FALSE
-0,076	0,277	-0,001	0,006	0,050	FALSE
0,136	0,283	0,006	0,011	0,241	FALSE
0,089	0,282	0,007	0,013	0,217	FALSE
-0,029	0,280	-0,002	0,007	0,099	FALSE
-0,031	0,288	-0,002	0,013	0,069	FALSE
-0,116	0,277	-0,002	0,007	0,103	FALSE
0,019	0,300	0,000	0,009	0,005	FALSE
-0,014	0,282	-0,001	0,010	0,023	FALSE
-0,037	0,283	-0,001	0,010	0,035	FALSE
0,071	0,282	0,002	0,010	0,066	FALSE
-0,035	0,284	-0,001	0,010	0,035	FALSE
0,062	0,301	0,003	0,011	0,117	FALSE
-0,066	0,286	-0,001	0,007	0,040	FALSE
-0,039	0,307	-0,001	0,013	0,032	FALSE
-0,028	0,293	-0,001	0,011	0,026	FALSE
0,019	0,291	-0,002	0,008	0,077	FALSE
-0,045	0,295	-0,001	0,007	0,030	FALSE
0,259	0,270	0,007	0,011	0,299	FALSE
0,095	0,297	0,002	0,011	0,082	FALSE
0,101	0,299	0,004	0,013	0,111	FALSE
0,174	0,289	0,004	0,008	0,200	FALSE
0,092	0,290	0,003	0,011	0,095	FALSE
-0,014	0,298	-0,001	0,007	0,030	FALSE
0,067	0,302	0,004	0,013	0,112	FALSE
-0,006	0,287	-0,002	0,008	0,095	FALSE
-0,083	0,291	-0,003	0,008	0,137	FALSE
0,126	0,305	0,002	0,007	0,098	FALSE
-0,020	0,299	0,001	0,007	0,029	FALSE
-0,100	0,299	-0,002	0,007	0,087	FALSE
0,057	0,290	0,001	0,007	0,045	FALSE
-0,039	0,287	-0,001	0,009	0,051	FALSE
-0,063	0,278	-0,001	0,008	0,065	FALSE
0,151	0,280	0,003	0,006	0,191	FALSE
-0,087	0,283	-0,001	0,007	0,040	FALSE
-0,172	0,286	-0,007	0,013	0,227	FALSE
-0,119	0,291	-0,004	0,008	0,194	FALSE

-0,056	0,272	-0,003	0,012	0,109	FALSE
-0,020	0,295	0,001	0,012	0,015	FALSE
0,007	0,307	-0,001	0,007	0,064	FALSE
0,012	0,300	0,000	0,007	0,005	FALSE
0,014	0,294	0,000	0,011	0,005	FALSE
0,037	0,287	0,000	0,010	0,012	FALSE
-0,022	0,295	0,000	0,012	0,009	FALSE
-0,098	0,289	-0,003	0,008	0,167	FALSE
-0,088	0,285	-0,004	0,009	0,181	FALSE
-0,030	0,299	0,001	0,008	0,034	FALSE
-0,029	0,273	0,001	0,009	0,025	FALSE
-0,019	0,286	0,001	0,009	0,042	FALSE
-0,048	0,291	0,000	0,009	0,008	FALSE
0,009	0,302	0,001	0,011	0,019	FALSE
-0,013	0,287	-0,001	0,009	0,050	FALSE
-0,031	0,292	0,000	0,011	0,001	FALSE
0,100	0,282	0,002	0,007	0,113	FALSE
-0,172	0,278	-0,004	0,010	0,185	FALSE
-0,117	0,295	-0,004	0,012	0,132	FALSE
-0,084	0,297	-0,002	0,013	0,050	FALSE
-0,010	0,283	0,000	0,007	0,011	FALSE
-0,015	0,296	0,000	0,011	0,010	FALSE
0,108	0,304	0,002	0,012	0,079	FALSE
-0,102	0,285	-0,002	0,007	0,096	FALSE
-0,007	0,305	0,000	0,013	0,001	FALSE
-0,013	0,285	-0,001	0,008	0,026	FALSE
0,051	0,292	0,000	0,010	0,014	FALSE
-0,147	0,290	-0,002	0,007	0,118	FALSE
0,063	0,287	0,001	0,008	0,060	FALSE
-0,069	0,286	0,000	0,007	0,013	FALSE
-0,092	0,291	-0,003	0,008	0,183	FALSE
-0,019	0,291	0,000	0,008	0,007	FALSE
0,016	0,299	0,000	0,008	0,022	FALSE
0,029	0,293	0,002	0,010	0,089	FALSE
0,070	0,296	0,002	0,007	0,098	FALSE
-0,052	0,298	-0,002	0,012	0,067	FALSE
0,065	0,291	0,001	0,008	0,070	FALSE
-0,075	0,291	-0,003	0,012	0,103	FALSE
0,050	0,301	0,000	0,013	0,011	FALSE
-0,145	0,290	-0,005	0,012	0,172	FALSE
0,125	0,292	0,006	0,013	0,194	FALSE
-0,128	0,295	-0,004	0,008	0,200	FALSE
0,087	0,286	0,004	0,012	0,123	FALSE
0,122	0,266	0,002	0,010	0,095	FALSE
0,017	0,279	0,001	0,013	0,017	FALSE
0,238	0,267	0,008	0,009	0,427	FALSE
0,013	0,289	-0,001	0,010	0,022	FALSE
0,089	0,290	0,003	0,013	0,103	FALSE
0,087	0,280	0,003	0,013	0,092	FALSE
0,133	0,291	0,004	0,010	0,183	FALSE
0,032	0,286	0,000	0,008	0,002	FALSE
-0,070	0,286	-0,001	0,006	0,040	FALSE
0,183	0,280	0,005	0,008	0,319	FALSE

-0,081	0,289	-0,002	0,008	0,090	FALSE
-0,116	0,290	-0,006	0,013	0,200	FALSE
0,055	0,286	0,003	0,010	0,104	FALSE
0,012	0,276	0,004	0,012	0,123	FALSE
0,022	0,279	0,000	0,007	0,023	FALSE
-0,023	0,294	0,000	0,009	0,009	FALSE
0,002	0,292	-0,002	0,012	0,057	FALSE
-0,087	0,287	-0,002	0,007	0,111	FALSE
-0,256	0,277	-0,006	0,008	0,362	FALSE
-0,023	0,290	0,000	0,008	0,005	FALSE
0,033	0,284	0,004	0,011	0,152	FALSE
-0,093	0,302	-0,002	0,010	0,088	FALSE
-0,099	0,285	-0,002	0,012	0,056	FALSE
0,126	0,275	0,004	0,007	0,230	FALSE
0,011	0,290	0,000	0,007	0,001	FALSE
0,044	0,281	0,000	0,006	0,019	FALSE
0,056	0,283	0,001	0,007	0,049	FALSE
0,061	0,293	0,001	0,007	0,046	FALSE
-0,023	0,298	-0,001	0,013	0,023	FALSE
0,027	0,297	0,000	0,011	0,008	FALSE
-0,063	0,300	-0,003	0,013	0,105	FALSE
-0,062	0,271	0,000	0,006	0,020	FALSE
-0,079	0,296	-0,003	0,010	0,121	FALSE
0,116	0,283	0,001	0,007	0,073	FALSE
0,193	0,273	0,005	0,007	0,341	FALSE
0,002	0,305	0,000	0,011	0,007	FALSE
-0,106	0,281	-0,003	0,009	0,149	FALSE
0,061	0,296	0,001	0,011	0,039	FALSE
0,001	0,309	0,000	0,013	0,006	FALSE
-0,030	0,278	0,000	0,010	0,005	FALSE
0,021	0,291	0,002	0,009	0,079	FALSE
0,107	0,290	0,005	0,013	0,150	FALSE
0,103	0,284	0,002	0,008	0,099	FALSE
-0,045	0,298	-0,002	0,007	0,123	FALSE
0,090	0,294	0,002	0,012	0,076	FALSE
-0,060	0,304	-0,004	0,013	0,106	FALSE
-0,094	0,288	-0,004	0,013	0,139	FALSE
-0,065	0,304	-0,003	0,013	0,092	FALSE
-0,084	0,300	-0,004	0,013	0,125	FALSE
0,036	0,282	0,001	0,010	0,019	FALSE
-0,053	0,283	-0,001	0,007	0,049	FALSE
-0,089	0,285	-0,003	0,007	0,137	FALSE
-0,052	0,295	-0,001	0,007	0,060	FALSE
-0,188	0,273	-0,005	0,007	0,341	FALSE
0,023	0,294	0,001	0,008	0,024	FALSE
-0,092	0,285	-0,002	0,007	0,119	FALSE
0,020	0,299	0,000	0,007	0,014	FALSE
-0,024	0,298	-0,001	0,013	0,024	FALSE
-0,117	0,278	-0,002	0,007	0,128	FALSE
0,077	0,279	0,001	0,007	0,029	FALSE
-0,017	0,282	0,001	0,007	0,043	FALSE
0,013	0,287	-0,001	0,007	0,029	FALSE
-0,205	0,284	-0,007	0,012	0,237	FALSE

0,023	0,301	0,001	0,008	0,050	FALSE
-0,040	0,282	-0,003	0,012	0,085	FALSE
0,103	0,282	0,006	0,011	0,227	FALSE
0,018	0,286	0,000	0,007	0,022	FALSE
0,023	0,279	0,000	0,010	0,015	FALSE
0,016	0,290	0,001	0,007	0,076	FALSE
0,042	0,279	0,000	0,006	0,027	FALSE
0,055	0,280	0,000	0,009	0,011	FALSE
-0,050	0,291	-0,001	0,012	0,025	FALSE
0,036	0,284	0,000	0,007	0,013	FALSE
-0,008	0,292	0,001	0,007	0,028	FALSE
-0,135	0,280	-0,004	0,010	0,145	FALSE
-0,020	0,295	-0,003	0,012	0,084	FALSE
0,049	0,299	0,002	0,013	0,065	FALSE
-0,081	0,293	-0,002	0,010	0,077	FALSE
-0,152	0,296	-0,003	0,008	0,155	FALSE
0,076	0,292	0,005	0,012	0,161	FALSE
0,046	0,304	0,002	0,010	0,073	FALSE
0,076	0,274	0,003	0,008	0,130	FALSE
0,056	0,295	0,002	0,013	0,065	FALSE
-0,073	0,291	-0,001	0,012	0,024	FALSE
-0,038	0,280	-0,001	0,006	0,052	FALSE
0,041	0,291	0,000	0,009	0,016	FALSE
-0,091	0,293	-0,002	0,007	0,146	FALSE
0,108	0,287	0,004	0,009	0,175	FALSE
0,001	0,298	0,001	0,011	0,039	FALSE
-0,047	0,283	-0,002	0,011	0,074	FALSE
-0,037	0,280	-0,002	0,010	0,063	FALSE
-0,070	0,282	-0,003	0,010	0,108	FALSE
-0,093	0,284	-0,003	0,010	0,130	FALSE
-0,100	0,287	-0,004	0,011	0,154	FALSE
-0,062	0,275	-0,003	0,010	0,097	FALSE
-0,083	0,283	-0,004	0,011	0,146	FALSE
-0,078	0,281	-0,004	0,011	0,129	FALSE
0,070	0,290	-0,001	0,007	0,031	FALSE
0,012	0,282	-0,002	0,007	0,087	FALSE
0,050	0,298	0,003	0,013	0,084	FALSE
-0,149	0,281	-0,003	0,007	0,199	FALSE
0,082	0,277	0,001	0,006	0,068	FALSE
-0,002	0,300	0,000	0,007	0,022	FALSE
-0,007	0,280	-0,001	0,011	0,042	FALSE
0,096	0,289	0,003	0,008	0,118	FALSE
-0,121	0,292	-0,003	0,007	0,162	FALSE
-0,145	0,283	-0,004	0,007	0,209	FALSE
-0,148	0,272	-0,003	0,008	0,182	FALSE
-0,093	0,296	-0,003	0,007	0,158	FALSE
0,192	0,280	0,005	0,008	0,264	FALSE
0,007	0,282	0,001	0,010	0,053	FALSE
-0,091	0,286	-0,001	0,007	0,072	FALSE
-0,057	0,294	-0,002	0,007	0,082	FALSE
-0,015	0,291	0,000	0,006	0,020	FALSE
-0,057	0,300	-0,001	0,007	0,075	FALSE
-0,117	0,275	-0,002	0,009	0,100	FALSE

-0,060	0,281	-0,002	0,007	0,127	FALSE
0,159	0,277	0,005	0,007	0,288	FALSE
0,145	0,278	0,005	0,007	0,297	FALSE
-0,112	0,289	-0,002	0,007	0,124	FALSE
0,083	0,291	0,000	0,012	0,011	FALSE
0,003	0,298	0,002	0,011	0,054	FALSE
0,003	0,313	-0,002	0,007	0,091	FALSE
-0,058	0,288	0,000	0,006	0,021	FALSE
0,037	0,293	0,003	0,013	0,076	FALSE
0,203	0,287	0,006	0,008	0,312	FALSE
0,174	0,311	0,003	0,007	0,165	FALSE
0,049	0,273	0,001	0,006	0,064	FALSE
-0,075	0,286	-0,003	0,011	0,094	FALSE
0,125	0,292	0,003	0,006	0,187	FALSE
-0,004	0,295	0,002	0,013	0,045	FALSE
0,044	0,276	0,005	0,011	0,177	FALSE
0,038	0,283	0,001	0,007	0,056	FALSE
-0,038	0,291	-0,002	0,008	0,103	FALSE
0,067	0,284	0,004	0,012	0,137	FALSE
-0,004	0,303	0,001	0,013	0,016	FALSE
-0,004	0,296	-0,001	0,007	0,069	FALSE
0,154	0,298	0,006	0,013	0,169	FALSE
0,145	0,298	0,003	0,011	0,113	FALSE
0,173	0,293	0,004	0,006	0,261	FALSE
0,071	0,295	0,002	0,008	0,107	FALSE
-0,084	0,292	-0,003	0,009	0,119	FALSE
-0,135	0,285	-0,005	0,011	0,209	FALSE
0,002	0,297	0,000	0,008	0,002	FALSE
0,029	0,289	0,000	0,007	0,021	FALSE
0,048	0,280	0,001	0,008	0,052	FALSE
0,082	0,288	0,003	0,008	0,135	FALSE
0,083	0,297	0,001	0,009	0,039	FALSE
-0,034	0,274	-0,002	0,011	0,065	FALSE
-0,034	0,306	-0,002	0,012	0,049	FALSE
-0,030	0,289	0,000	0,006	0,020	FALSE
-0,017	0,299	-0,001	0,012	0,040	FALSE
0,023	0,278	0,002	0,008	0,102	FALSE
0,033	0,280	0,004	0,013	0,117	FALSE
-0,174	0,285	-0,005	0,008	0,271	FALSE
0,057	0,294	0,000	0,011	0,011	FALSE
0,048	0,289	0,003	0,013	0,090	FALSE
0,053	0,284	0,001	0,007	0,044	FALSE
-0,082	0,297	-0,002	0,009	0,099	FALSE
0,001	0,287	-0,001	0,011	0,048	FALSE
0,062	0,293	0,004	0,012	0,131	FALSE
-0,076	0,299	-0,002	0,008	0,100	FALSE
0,008	0,303	0,000	0,008	0,005	FALSE
0,135	0,279	0,003	0,009	0,139	FALSE
-0,008	0,294	0,000	0,008	0,013	FALSE
0,062	0,288	0,001	0,007	0,052	FALSE
0,045	0,302	0,002	0,008	0,093	FALSE
0,101	0,295	0,002	0,006	0,107	FALSE
0,001	0,276	0,000	0,010	0,008	FALSE

-0,097	0,279	-0,003	0,012	0,080	FALSE
-0,082	0,295	-0,003	0,012	0,081	FALSE
0,064	0,286	0,004	0,013	0,118	FALSE
0,098	0,282	0,004	0,010	0,144	FALSE
-0,048	0,289	-0,001	0,007	0,041	FALSE
0,091	0,290	0,003	0,013	0,081	FALSE
0,086	0,273	0,004	0,008	0,208	FALSE
0,020	0,290	0,002	0,008	0,083	FALSE
0,092	0,285	0,003	0,008	0,139	FALSE
-0,127	0,290	-0,005	0,013	0,147	FALSE
-0,073	0,295	-0,001	0,009	0,028	FALSE
0,031	0,276	0,002	0,011	0,060	FALSE
-0,132	0,280	-0,002	0,007	0,116	FALSE
-0,037	0,290	0,001	0,008	0,032	FALSE
0,180	0,283	0,004	0,010	0,171	FALSE
0,024	0,290	0,000	0,007	0,018	FALSE
-0,003	0,291	0,000	0,013	0,004	FALSE
0,219	0,278	0,010	0,013	0,366	FALSE
-0,019	0,301	-0,001	0,013	0,016	FALSE
0,137	0,282	0,003	0,007	0,179	FALSE
-0,032	0,301	-0,001	0,013	0,025	FALSE
-0,033	0,291	-0,003	0,011	0,088	FALSE
-0,135	0,295	-0,003	0,007	0,175	FALSE
0,072	0,288	0,002	0,010	0,056	FALSE
-0,111	0,284	-0,004	0,013	0,119	FALSE
-0,069	0,283	-0,001	0,008	0,039	FALSE
-0,008	0,296	0,001	0,009	0,037	FALSE
-0,045	0,292	-0,001	0,010	0,020	FALSE
-0,149	0,282	-0,004	0,008	0,196	FALSE
-0,034	0,286	0,001	0,012	0,024	FALSE
-0,103	0,289	-0,005	0,012	0,167	FALSE
0,137	0,280	0,001	0,010	0,044	FALSE
-0,051	0,289	-0,002	0,012	0,059	FALSE
-0,071	0,293	-0,004	0,012	0,111	FALSE
-0,078	0,281	-0,001	0,009	0,036	FALSE
-0,065	0,292	-0,001	0,010	0,047	FALSE
0,015	0,286	-0,002	0,012	0,061	FALSE
0,121	0,276	0,002	0,006	0,130	FALSE
-0,036	0,280	0,000	0,008	0,023	FALSE
0,059	0,288	-0,001	0,008	0,049	FALSE
0,101	0,308	0,001	0,010	0,046	FALSE
0,061	0,294	0,001	0,006	0,053	FALSE
-0,059	0,290	-0,001	0,012	0,022	FALSE
0,017	0,278	0,001	0,012	0,044	FALSE
0,058	0,292	0,000	0,007	0,005	FALSE
0,093	0,298	0,002	0,010	0,091	FALSE
0,025	0,282	0,001	0,013	0,038	FALSE
0,016	0,295	0,002	0,012	0,057	FALSE
0,080	0,301	0,003	0,007	0,179	FALSE
-0,031	0,274	-0,002	0,012	0,048	FALSE
0,089	0,294	0,004	0,012	0,120	FALSE
-0,026	0,283	0,000	0,012	0,000	FALSE
0,031	0,288	0,002	0,007	0,085	FALSE

-0,162	0,274	-0,008	0,013	0,294	FALSE
0,213	0,276	0,009	0,011	0,389	FALSE
-0,017	0,295	0,000	0,007	0,020	FALSE
0,056	0,284	0,001	0,007	0,071	FALSE
0,015	0,305	0,000	0,008	0,006	FALSE
0,013	0,303	0,000	0,012	0,006	FALSE
-0,015	0,299	-0,002	0,008	0,078	FALSE
-0,127	0,296	-0,005	0,012	0,172	FALSE
-0,020	0,286	0,000	0,008	0,001	FALSE
0,048	0,297	0,003	0,013	0,088	FALSE
-0,045	0,300	-0,001	0,008	0,034	FALSE
-0,034	0,287	-0,001	0,008	0,040	FALSE
0,005	0,283	0,001	0,007	0,050	FALSE
-0,003	0,304	-0,001	0,007	0,054	FALSE
0,002	0,292	-0,001	0,007	0,064	FALSE
-0,173	0,287	-0,007	0,013	0,257	FALSE
0,069	0,283	0,002	0,007	0,081	FALSE
-0,238	0,279	-0,009	0,013	0,302	FALSE
0,296	0,272	0,012	0,012	0,475	FALSE
0,103	0,289	0,002	0,006	0,109	FALSE
0,124	0,283	0,004	0,012	0,125	FALSE
-0,015	0,275	0,000	0,013	0,002	FALSE
0,105	0,295	0,004	0,011	0,125	FALSE
0,063	0,292	0,001	0,007	0,059	FALSE
0,052	0,272	0,002	0,012	0,072	FALSE
-0,051	0,296	-0,002	0,009	0,102	FALSE
0,125	0,297	0,003	0,008	0,131	FALSE
0,070	0,278	0,001	0,008	0,040	FALSE
0,152	0,277	0,003	0,008	0,164	FALSE
0,065	0,304	0,001	0,009	0,049	FALSE
-0,064	0,302	-0,002	0,013	0,042	FALSE
-0,017	0,288	-0,001	0,009	0,045	FALSE
-0,056	0,286	-0,001	0,007	0,081	FALSE
0,045	0,297	0,000	0,009	0,001	FALSE
-0,021	0,285	0,000	0,008	0,011	FALSE
0,096	0,287	0,002	0,009	0,069	FALSE
0,092	0,290	0,002	0,006	0,135	FALSE
0,047	0,306	0,001	0,010	0,047	FALSE
0,105	0,296	0,002	0,006	0,143	FALSE
0,000	0,296	0,001	0,006	0,050	FALSE
-0,012	0,284	0,000	0,008	0,010	FALSE
-0,067	0,289	-0,003	0,012	0,079	FALSE
0,026	0,304	0,001	0,007	0,031	FALSE
0,093	0,304	0,004	0,012	0,120	FALSE
0,025	0,291	0,001	0,007	0,039	FALSE
0,027	0,299	0,000	0,007	0,020	FALSE
-0,050	0,299	-0,003	0,011	0,092	FALSE
-0,027	0,298	0,000	0,007	0,001	FALSE
-0,054	0,303	0,000	0,013	0,002	FALSE
-0,033	0,293	-0,001	0,008	0,028	FALSE
0,042	0,292	0,002	0,008	0,074	FALSE
0,014	0,285	0,000	0,007	0,018	FALSE
0,077	0,288	0,002	0,009	0,078	FALSE

-0,128	0,278	-0,005	0,010	0,193	FALSE
-0,091	0,282	-0,004	0,012	0,151	FALSE
-0,159	0,283	-0,005	0,011	0,184	FALSE
0,066	0,300	0,002	0,011	0,056	FALSE
0,001	0,299	0,000	0,006	0,009	FALSE
-0,068	0,283	-0,002	0,009	0,090	FALSE
0,025	0,287	0,001	0,009	0,050	FALSE
0,068	0,289	0,001	0,009	0,049	FALSE
-0,012	0,276	0,000	0,009	0,013	FALSE
0,036	0,274	0,003	0,010	0,103	FALSE
-0,046	0,285	-0,002	0,008	0,090	FALSE
0,127	0,280	0,003	0,006	0,173	FALSE
-0,096	0,288	-0,006	0,013	0,192	FALSE
0,148	0,290	0,003	0,007	0,195	FALSE
0,149	0,293	0,003	0,006	0,212	FALSE
0,175	0,288	0,007	0,012	0,243	FALSE
0,026	0,288	0,001	0,012	0,040	FALSE
-0,093	0,288	-0,003	0,008	0,163	FALSE
0,050	0,287	0,001	0,008	0,072	FALSE
-0,161	0,277	-0,008	0,012	0,276	FALSE
0,068	0,289	0,001	0,009	0,025	FALSE
-0,117	0,283	-0,005	0,008	0,244	FALSE
-0,053	0,284	-0,003	0,011	0,098	FALSE
-0,111	0,290	-0,001	0,007	0,076	FALSE
0,054	0,279	0,001	0,006	0,078	FALSE
-0,181	0,285	-0,005	0,009	0,244	FALSE
0,113	0,278	0,002	0,006	0,139	FALSE
-0,014	0,304	0,000	0,011	0,013	FALSE
0,007	0,280	0,000	0,006	0,003	FALSE
0,010	0,288	0,000	0,007	0,003	FALSE
0,062	0,297	0,002	0,010	0,087	FALSE
0,112	0,286	0,003	0,009	0,140	FALSE
-0,106	0,282	-0,003	0,012	0,114	FALSE
-0,109	0,290	-0,003	0,012	0,116	FALSE
-0,067	0,285	-0,002	0,010	0,062	FALSE
-0,010	0,292	0,000	0,006	0,016	FALSE
0,003	0,299	-0,001	0,012	0,022	FALSE
0,110	0,288	0,002	0,009	0,075	FALSE
0,005	0,305	0,001	0,010	0,027	FALSE
-0,156	0,283	-0,004	0,008	0,220	FALSE
0,029	0,297	0,000	0,013	0,013	FALSE
-0,046	0,290	-0,001	0,009	0,038	FALSE
-0,069	0,297	-0,002	0,013	0,058	FALSE
-0,030	0,291	0,000	0,013	0,003	FALSE
0,032	0,282	0,002	0,013	0,061	FALSE
0,110	0,280	0,005	0,011	0,185	FALSE
-0,027	0,279	0,000	0,008	0,007	FALSE
-0,050	0,281	0,000	0,012	0,001	FALSE
-0,038	0,291	0,000	0,013	0,007	FALSE
0,199	0,284	0,007	0,012	0,256	FALSE
-0,082	0,289	-0,004	0,013	0,122	FALSE
-0,052	0,286	-0,003	0,010	0,109	FALSE
-0,144	0,288	-0,002	0,007	0,134	FALSE

0,016	0,292	0,000	0,011	0,001	FALSE
-0,122	0,290	-0,003	0,007	0,170	FALSE
-0,024	0,283	-0,002	0,007	0,087	FALSE
-0,067	0,290	-0,003	0,007	0,165	FALSE
-0,022	0,286	0,000	0,006	0,010	FALSE
0,007	0,289	0,003	0,013	0,089	FALSE
0,001	0,299	-0,001	0,012	0,020	FALSE
0,028	0,294	0,000	0,007	0,004	FALSE
-0,007	0,294	0,000	0,012	0,001	FALSE
0,047	0,272	0,001	0,008	0,035	FALSE
-0,095	0,283	-0,004	0,013	0,140	FALSE
0,088	0,290	0,003	0,012	0,100	FALSE
-0,042	0,285	0,000	0,012	0,006	FALSE
0,025	0,298	0,001	0,013	0,026	FALSE
0,048	0,298	0,002	0,013	0,064	FALSE
-0,030	0,289	0,000	0,006	0,022	FALSE
-0,075	0,286	-0,003	0,012	0,100	FALSE
-0,035	0,280	0,000	0,009	0,005	FALSE
0,152	0,292	0,003	0,007	0,181	FALSE
0,073	0,294	0,002	0,011	0,069	FALSE
-0,126	0,304	-0,003	0,008	0,148	FALSE
0,142	0,294	0,007	0,014	0,229	FALSE
-0,068	0,296	-0,002	0,009	0,106	FALSE
-0,105	0,286	-0,003	0,008	0,122	FALSE
0,084	0,281	0,004	0,012	0,109	FALSE
0,064	0,291	0,001	0,007	0,049	FALSE
0,110	0,287	0,005	0,011	0,197	FALSE
0,027	0,284	0,000	0,007	0,001	FALSE
0,049	0,291	0,000	0,007	0,018	FALSE
-0,147	0,291	-0,003	0,007	0,165	FALSE
-0,076	0,281	-0,004	0,010	0,157	FALSE
-0,095	0,266	-0,005	0,010	0,206	FALSE
-0,078	0,291	-0,004	0,010	0,146	FALSE
-0,116	0,288	-0,005	0,011	0,190	FALSE
-0,144	0,277	-0,005	0,010	0,194	FALSE
-0,058	0,284	-0,002	0,006	0,124	FALSE
-0,040	0,282	-0,003	0,007	0,135	FALSE
-0,037	0,287	-0,001	0,007	0,036	FALSE
0,129	0,286	0,003	0,006	0,175	FALSE
-0,014	0,286	0,002	0,008	0,075	FALSE
0,122	0,283	0,004	0,007	0,202	FALSE
0,215	0,278	0,013	0,013	0,489	FALSE
-0,039	0,272	-0,002	0,006	0,113	FALSE
-0,067	0,305	-0,003	0,013	0,085	FALSE
0,076	0,283	0,003	0,011	0,098	FALSE
0,033	0,304	0,002	0,013	0,064	FALSE
0,009	0,286	0,000	0,007	0,005	FALSE
-0,057	0,287	-0,001	0,008	0,060	FALSE
-0,072	0,288	-0,002	0,008	0,090	FALSE
-0,072	0,296	-0,002	0,009	0,081	FALSE
0,050	0,292	0,001	0,010	0,051	FALSE
0,111	0,293	0,002	0,013	0,071	FALSE
-0,027	0,287	0,001	0,007	0,036	FALSE

-0,046	0,288	0,000	0,007	0,008	FALSE
0,055	0,278	0,002	0,010	0,074	FALSE
0,177	0,288	0,007	0,011	0,290	FALSE
0,199	0,295	0,008	0,011	0,314	FALSE
-0,094	0,285	-0,002	0,007	0,086	FALSE
0,187	0,283	0,007	0,012	0,276	FALSE
0,054	0,285	0,003	0,008	0,147	FALSE
0,067	0,293	0,004	0,013	0,130	FALSE
-0,095	0,297	-0,002	0,008	0,076	FALSE
-0,101	0,300	-0,002	0,008	0,104	FALSE
-0,087	0,297	-0,002	0,009	0,079	FALSE
-0,012	0,296	-0,001	0,010	0,028	FALSE
-0,011	0,284	-0,003	0,012	0,108	FALSE
0,030	0,289	-0,002	0,013	0,067	FALSE
-0,029	0,294	0,000	0,010	0,001	FALSE
0,009	0,281	-0,004	0,013	0,127	FALSE
-0,041	0,286	0,001	0,011	0,019	FALSE
0,088	0,305	0,002	0,007	0,110	FALSE
-0,035	0,292	0,000	0,012	0,015	FALSE
-0,012	0,298	0,000	0,007	0,011	FALSE
0,110	0,305	0,003	0,013	0,073	FALSE
-0,011	0,287	0,000	0,009	0,008	FALSE
0,139	0,290	0,005	0,010	0,218	FALSE
-0,221	0,279	-0,004	0,007	0,227	FALSE
-0,179	0,269	-0,003	0,007	0,172	FALSE
-0,030	0,302	-0,001	0,011	0,019	FALSE
-0,021	0,302	-0,002	0,011	0,054	FALSE
0,009	0,288	-0,001	0,011	0,018	FALSE
0,021	0,286	0,000	0,011	0,008	FALSE
-0,023	0,279	0,000	0,008	0,017	FALSE
0,018	0,287	0,001	0,009	0,025	FALSE
-0,151	0,276	-0,005	0,009	0,235	FALSE
0,001	0,302	0,001	0,010	0,045	FALSE
-0,039	0,299	-0,001	0,012	0,021	FALSE
-0,045	0,278	0,001	0,010	0,032	FALSE
0,069	0,293	0,003	0,010	0,100	FALSE
-0,023	0,278	0,000	0,011	0,005	FALSE
-0,144	0,289	-0,005	0,012	0,180	FALSE
-0,143	0,284	-0,006	0,012	0,206	FALSE
-0,080	0,285	-0,003	0,008	0,124	FALSE
-0,201	0,272	-0,005	0,008	0,266	FALSE
-0,093	0,284	-0,002	0,007	0,095	FALSE
-0,034	0,282	0,000	0,012	0,004	FALSE
0,035	0,298	0,003	0,013	0,085	FALSE
0,018	0,302	0,001	0,011	0,047	FALSE
0,026	0,292	0,001	0,010	0,029	FALSE
0,084	0,281	0,001	0,012	0,036	FALSE
-0,132	0,280	-0,005	0,010	0,235	FALSE
-0,109	0,291	-0,004	0,009	0,197	FALSE
0,143	0,286	0,004	0,008	0,226	FALSE
0,093	0,274	0,002	0,013	0,051	FALSE
0,114	0,288	0,003	0,012	0,082	FALSE
-0,159	0,288	-0,006	0,013	0,192	FALSE

-0,012	0,286	-0,003	0,012	0,115	FALSE
-0,107	0,298	-0,006	0,013	0,189	FALSE
0,063	0,300	0,002	0,013	0,043	FALSE
0,027	0,303	0,000	0,013	0,006	FALSE
-0,042	0,288	-0,001	0,006	0,049	FALSE
0,035	0,295	-0,001	0,008	0,025	FALSE
0,083	0,295	0,002	0,009	0,104	FALSE
-0,122	0,288	-0,004	0,009	0,189	FALSE
0,108	0,295	0,002	0,008	0,114	FALSE
0,078	0,288	0,002	0,009	0,097	FALSE
-0,064	0,281	-0,002	0,007	0,113	FALSE
-0,120	0,292	-0,002	0,009	0,095	FALSE
0,022	0,291	0,000	0,013	0,004	FALSE
0,059	0,294	0,002	0,011	0,057	FALSE
0,057	0,284	0,002	0,007	0,091	FALSE
0,070	0,287	0,002	0,007	0,110	FALSE
-0,030	0,294	-0,001	0,008	0,026	FALSE
0,053	0,304	0,001	0,010	0,040	FALSE
0,103	0,304	0,003	0,012	0,088	FALSE
0,139	0,281	0,007	0,012	0,249	FALSE
-0,012	0,294	0,000	0,013	0,012	FALSE
-0,063	0,291	-0,002	0,013	0,059	FALSE
-0,062	0,305	-0,002	0,008	0,115	FALSE
0,005	0,300	-0,001	0,011	0,036	FALSE
0,148	0,281	0,001	0,006	0,090	FALSE
-0,007	0,286	0,002	0,013	0,054	FALSE
0,076	0,282	0,000	0,010	0,006	FALSE
0,004	0,292	0,000	0,009	0,003	FALSE
0,054	0,283	0,001	0,013	0,023	FALSE
0,014	0,279	0,001	0,009	0,020	FALSE
-0,051	0,296	-0,001	0,006	0,060	FALSE
0,031	0,293	0,001	0,008	0,045	FALSE
-0,034	0,293	-0,001	0,010	0,020	FALSE
0,168	0,283	0,004	0,009	0,156	FALSE
-0,055	0,288	-0,001	0,009	0,020	FALSE
0,049	0,282	0,001	0,007	0,051	FALSE
0,074	0,300	0,002	0,008	0,117	FALSE
0,064	0,273	0,002	0,006	0,109	FALSE
-0,030	0,296	0,000	0,007	0,010	FALSE
-0,071	0,278	-0,001	0,010	0,036	FALSE
-0,105	0,285	-0,004	0,009	0,159	FALSE
-0,061	0,274	-0,003	0,008	0,162	FALSE
0,022	0,295	0,001	0,011	0,017	FALSE
0,065	0,281	0,002	0,013	0,066	FALSE
0,058	0,275	0,002	0,010	0,083	FALSE
-0,072	0,278	-0,004	0,012	0,134	FALSE
0,009	0,297	0,000	0,010	0,007	FALSE
-0,080	0,296	-0,003	0,010	0,131	FALSE
-0,009	0,279	0,001	0,008	0,040	FALSE
0,039	0,285	0,000	0,007	0,020	FALSE
-0,194	0,273	-0,003	0,007	0,205	FALSE
0,138	0,294	0,003	0,008	0,133	FALSE
0,047	0,298	0,000	0,007	0,019	FALSE

0,016	0,285	0,000	0,007	0,005	FALSE
0,067	0,308	0,001	0,011	0,018	FALSE
-0,105	0,293	-0,004	0,010	0,173	FALSE
0,000	0,299	0,000	0,008	0,001	FALSE
0,144	0,302	0,004	0,008	0,191	FALSE
-0,098	0,293	-0,001	0,007	0,072	FALSE
0,149	0,291	0,003	0,008	0,170	FALSE
0,000	0,297	0,003	0,013	0,090	FALSE
-0,043	0,282	-0,002	0,012	0,067	FALSE
-0,039	0,272	-0,001	0,012	0,031	FALSE
-0,091	0,287	-0,002	0,009	0,100	FALSE
-0,050	0,307	-0,001	0,010	0,039	FALSE
0,044	0,289	0,000	0,008	0,000	FALSE
0,013	0,292	0,001	0,008	0,038	FALSE
-0,016	0,282	-0,001	0,006	0,061	FALSE
0,133	0,281	0,003	0,006	0,184	FALSE
-0,043	0,282	0,000	0,007	0,026	FALSE
-0,002	0,292	0,000	0,009	0,006	FALSE
-0,082	0,284	-0,002	0,009	0,081	FALSE
0,019	0,281	-0,002	0,011	0,078	FALSE
0,024	0,285	0,002	0,011	0,076	FALSE
0,105	0,293	0,002	0,006	0,098	FALSE
0,112	0,285	0,002	0,006	0,119	FALSE
0,014	0,287	0,000	0,007	0,008	FALSE
-0,042	0,311	-0,001	0,010	0,050	FALSE
0,064	0,292	0,002	0,009	0,089	FALSE
0,040	0,284	0,002	0,008	0,089	FALSE
0,064	0,281	0,002	0,007	0,102	FALSE
0,133	0,279	0,005	0,010	0,228	FALSE
0,064	0,298	0,002	0,008	0,122	FALSE
-0,103	0,281	-0,002	0,008	0,078	FALSE
0,066	0,275	0,004	0,013	0,117	FALSE
-0,108	0,269	-0,004	0,011	0,153	FALSE
-0,012	0,296	0,001	0,013	0,033	FALSE
-0,050	0,298	-0,001	0,013	0,037	FALSE
-0,041	0,286	-0,001	0,013	0,038	FALSE
-0,093	0,288	-0,003	0,008	0,138	FALSE
-0,142	0,289	-0,005	0,010	0,204	FALSE
-0,122	0,284	-0,004	0,009	0,168	FALSE
-0,110	0,294	-0,003	0,007	0,149	FALSE
0,042	0,288	-0,001	0,006	0,029	FALSE
-0,107	0,293	-0,002	0,008	0,110	FALSE
-0,066	0,273	-0,005	0,011	0,188	FALSE
0,059	0,309	0,000	0,008	0,006	FALSE
-0,062	0,291	-0,003	0,012	0,087	FALSE
0,001	0,298	0,001	0,011	0,032	FALSE
-0,021	0,290	-0,001	0,007	0,047	FALSE
-0,013	0,303	0,000	0,007	0,021	FALSE
0,008	0,296	0,000	0,009	0,004	FALSE
-0,067	0,288	-0,003	0,012	0,113	FALSE
0,152	0,294	0,005	0,009	0,245	FALSE
-0,147	0,284	-0,005	0,010	0,231	FALSE
-0,153	0,286	-0,005	0,009	0,221	FALSE

0,040	0,306	0,003	0,012	0,094	FALSE
0,007	0,293	0,000	0,012	0,005	FALSE
-0,148	0,280	-0,004	0,009	0,160	FALSE
0,109	0,292	0,003	0,008	0,145	FALSE
0,177	0,288	0,004	0,007	0,273	FALSE
-0,172	0,286	-0,005	0,009	0,226	FALSE
-0,045	0,282	0,000	0,010	0,005	FALSE
-0,008	0,306	-0,001	0,007	0,055	FALSE
0,152	0,300	0,005	0,010	0,198	FALSE
-0,143	0,285	-0,005	0,010	0,226	FALSE
-0,114	0,267	-0,004	0,010	0,178	FALSE
-0,012	0,293	-0,002	0,009	0,100	FALSE
-0,028	0,291	-0,003	0,010	0,121	FALSE
0,061	0,284	0,004	0,012	0,139	FALSE
0,080	0,281	0,001	0,012	0,031	FALSE
0,082	0,289	0,001	0,011	0,027	FALSE
-0,105	0,291	-0,003	0,007	0,188	FALSE
0,088	0,286	0,001	0,007	0,072	FALSE
0,121	0,289	0,003	0,007	0,173	FALSE
0,132	0,292	0,003	0,007	0,196	FALSE
0,087	0,285	0,001	0,008	0,069	FALSE
0,026	0,285	-0,001	0,012	0,019	FALSE
-0,027	0,314	-0,001	0,008	0,057	FALSE
0,073	0,304	0,002	0,011	0,068	FALSE
0,044	0,286	0,002	0,007	0,084	FALSE
0,069	0,299	0,002	0,010	0,090	FALSE
0,069	0,296	0,002	0,011	0,075	FALSE
-0,115	0,282	-0,002	0,009	0,067	FALSE
0,045	0,287	0,002	0,006	0,131	FALSE
-0,167	0,267	-0,006	0,013	0,204	FALSE
-0,083	0,291	-0,003	0,012	0,108	FALSE
-0,066	0,294	-0,002	0,013	0,062	FALSE
-0,121	0,289	-0,002	0,007	0,114	FALSE
0,064	0,288	0,003	0,013	0,090	FALSE
0,098	0,292	0,002	0,007	0,086	FALSE
0,148	0,283	0,006	0,012	0,202	FALSE
0,101	0,287	0,003	0,012	0,105	FALSE
0,003	0,300	0,000	0,012	0,014	FALSE
-0,133	0,288	-0,004	0,008	0,198	FALSE
-0,064	0,304	-0,002	0,009	0,080	FALSE
-0,179	0,292	-0,005	0,009	0,222	FALSE
-0,165	0,298	-0,004	0,009	0,204	FALSE
0,083	0,294	0,001	0,011	0,044	FALSE
0,171	0,291	0,005	0,009	0,248	FALSE
0,141	0,297	0,004	0,009	0,196	FALSE
-0,044	0,296	-0,001	0,012	0,021	FALSE
-0,019	0,288	0,000	0,011	0,010	FALSE
-0,005	0,293	0,001	0,007	0,032	FALSE
0,120	0,281	0,005	0,011	0,189	FALSE
0,036	0,289	0,001	0,006	0,064	FALSE
-0,104	0,297	-0,002	0,007	0,104	FALSE
0,163	0,288	0,003	0,008	0,158	FALSE
0,188	0,290	0,004	0,009	0,202	FALSE

-0,053	0,287	-0,004	0,011	0,119	FALSE
0,027	0,281	0,004	0,013	0,110	FALSE
-0,097	0,287	-0,001	0,010	0,049	FALSE
-0,147	0,278	-0,006	0,012	0,217	FALSE
-0,007	0,279	0,000	0,011	0,012	FALSE
0,006	0,290	0,001	0,010	0,034	FALSE
-0,033	0,298	-0,001	0,009	0,056	FALSE
-0,129	0,292	-0,004	0,011	0,154	FALSE
-0,081	0,269	-0,003	0,012	0,106	FALSE
-0,059	0,286	-0,001	0,013	0,035	FALSE
0,003	0,288	0,000	0,010	0,012	FALSE
-0,183	0,289	-0,006	0,009	0,306	FALSE
-0,095	0,296	-0,002	0,012	0,067	FALSE
0,006	0,295	-0,001	0,007	0,034	FALSE
-0,001	0,303	0,000	0,011	0,015	FALSE
0,083	0,295	0,003	0,010	0,127	FALSE
0,040	0,286	0,002	0,010	0,089	FALSE
-0,102	0,279	-0,002	0,007	0,092	FALSE
0,095	0,284	0,002	0,006	0,143	FALSE
-0,134	0,273	-0,004	0,011	0,142	FALSE
0,001	0,298	-0,002	0,007	0,123	FALSE
-0,062	0,297	-0,002	0,007	0,087	FALSE
0,025	0,292	0,002	0,011	0,064	FALSE
-0,071	0,300	-0,001	0,007	0,057	FALSE
-0,077	0,281	-0,003	0,012	0,102	FALSE
-0,003	0,296	0,001	0,008	0,033	FALSE
0,161	0,288	0,003	0,006	0,240	FALSE
0,009	0,299	-0,001	0,008	0,039	FALSE
0,064	0,285	0,003	0,010	0,117	FALSE
0,067	0,263	0,001	0,008	0,045	FALSE
0,186	0,278	0,003	0,006	0,249	FALSE
-0,038	0,276	0,001	0,006	0,032	FALSE
-0,079	0,288	-0,002	0,007	0,107	FALSE
0,088	0,287	0,002	0,007	0,147	FALSE
0,073	0,292	0,001	0,008	0,028	FALSE
0,093	0,295	0,001	0,008	0,069	FALSE
-0,059	0,295	0,000	0,010	0,015	FALSE
-0,016	0,304	0,000	0,007	0,003	FALSE
0,088	0,281	0,003	0,008	0,155	FALSE
-0,033	0,298	-0,002	0,008	0,077	FALSE
-0,018	0,290	0,000	0,013	0,012	FALSE
-0,113	0,278	-0,002	0,008	0,078	FALSE
-0,118	0,279	-0,002	0,008	0,073	FALSE
0,009	0,283	0,002	0,007	0,079	FALSE
-0,099	0,279	-0,004	0,011	0,151	FALSE
-0,077	0,283	-0,004	0,012	0,134	FALSE
0,023	0,287	-0,001	0,006	0,034	FALSE
-0,052	0,301	-0,001	0,010	0,040	FALSE
-0,018	0,291	-0,002	0,006	0,107	FALSE
-0,103	0,295	-0,003	0,008	0,120	FALSE
0,015	0,300	0,001	0,007	0,038	FALSE
-0,061	0,292	-0,002	0,013	0,054	FALSE
0,036	0,293	0,000	0,009	0,001	FALSE

-0,124	0,285	-0,003	0,008	0,132	FALSE
0,097	0,291	0,005	0,012	0,146	FALSE
0,076	0,283	0,003	0,010	0,119	FALSE
0,048	0,301	0,002	0,011	0,055	FALSE
0,033	0,271	-0,002	0,012	0,055	FALSE
0,016	0,288	-0,002	0,008	0,071	FALSE
-0,063	0,289	-0,002	0,009	0,069	FALSE
0,035	0,287	0,000	0,007	0,021	FALSE
0,038	0,275	0,003	0,013	0,076	FALSE
-0,038	0,286	-0,003	0,009	0,110	FALSE
-0,054	0,285	-0,003	0,008	0,124	FALSE
-0,050	0,290	-0,001	0,007	0,058	FALSE
0,159	0,281	0,004	0,011	0,159	FALSE
0,029	0,291	0,000	0,007	0,026	FALSE
0,102	0,291	0,004	0,012	0,140	FALSE
-0,053	0,286	-0,001	0,010	0,046	FALSE
-0,018	0,307	0,000	0,008	0,007	FALSE
-0,200	0,281	-0,007	0,010	0,325	FALSE
0,246	0,280	0,007	0,010	0,315	FALSE
0,028	0,307	0,002	0,010	0,057	FALSE
0,041	0,294	0,001	0,008	0,047	FALSE
-0,047	0,298	-0,002	0,009	0,104	FALSE
-0,019	0,290	0,000	0,007	0,004	FALSE
0,000	0,291	0,000	0,006	0,023	FALSE
-0,075	0,295	-0,001	0,007	0,052	FALSE
0,036	0,297	0,001	0,009	0,042	FALSE
-0,030	0,271	-0,001	0,010	0,032	FALSE
-0,051	0,288	-0,001	0,011	0,047	FALSE
0,054	0,292	0,001	0,011	0,044	FALSE
0,002	0,295	0,001	0,011	0,027	FALSE
0,019	0,289	0,000	0,013	0,010	FALSE
0,016	0,287	0,000	0,011	0,016	FALSE
0,076	0,292	0,002	0,010	0,085	FALSE
0,014	0,294	0,000	0,013	0,002	FALSE
-0,035	0,274	0,000	0,009	0,015	FALSE
-0,073	0,292	-0,002	0,008	0,118	FALSE
0,124	0,282	0,003	0,008	0,145	FALSE
-0,075	0,287	-0,002	0,008	0,104	FALSE
-0,066	0,288	-0,002	0,008	0,098	FALSE
0,026	0,295	0,002	0,009	0,080	FALSE
0,069	0,291	0,003	0,012	0,109	FALSE
-0,001	0,304	-0,002	0,009	0,082	FALSE
0,153	0,295	0,004	0,007	0,244	FALSE
-0,093	0,271	-0,002	0,011	0,077	FALSE
-0,074	0,286	-0,003	0,007	0,196	FALSE
-0,120	0,291	-0,003	0,008	0,132	FALSE
0,078	0,304	0,003	0,011	0,114	FALSE
0,079	0,291	0,002	0,006	0,142	FALSE
0,050	0,280	0,003	0,011	0,103	FALSE
0,146	0,281	0,004	0,013	0,135	FALSE
0,122	0,283	0,003	0,012	0,112	FALSE
-0,162	0,271	-0,003	0,013	0,102	FALSE
0,035	0,284	0,001	0,008	0,038	FALSE

-0,007	0,275	0,000	0,011	0,004	FALSE
0,017	0,295	-0,001	0,011	0,017	FALSE
0,108	0,284	0,002	0,012	0,062	FALSE
-0,056	0,301	-0,001	0,006	0,062	FALSE
-0,010	0,291	-0,001	0,008	0,045	FALSE
0,002	0,290	0,002	0,011	0,070	FALSE
0,057	0,290	0,002	0,008	0,091	FALSE
0,055	0,289	0,000	0,006	0,020	FALSE
0,069	0,287	0,004	0,011	0,132	FALSE
0,092	0,288	0,003	0,008	0,146	FALSE
0,001	0,298	0,000	0,007	0,023	FALSE
-0,074	0,294	-0,002	0,012	0,074	FALSE
-0,002	0,278	0,001	0,007	0,043	FALSE
-0,138	0,271	-0,002	0,006	0,145	FALSE
-0,018	0,294	0,000	0,006	0,008	FALSE
0,089	0,293	0,002	0,013	0,043	FALSE
0,136	0,273	0,003	0,012	0,087	FALSE
-0,015	0,303	0,001	0,008	0,028	FALSE
-0,055	0,294	-0,002	0,010	0,072	FALSE
0,004	0,291	0,002	0,008	0,072	FALSE
0,103	0,293	0,003	0,007	0,168	FALSE
-0,162	0,285	-0,003	0,007	0,169	FALSE
0,061	0,276	0,001	0,006	0,056	FALSE
-0,057	0,281	-0,001	0,007	0,029	FALSE
0,029	0,286	0,001	0,012	0,040	FALSE
0,048	0,296	0,001	0,010	0,030	FALSE
-0,004	0,292	-0,001	0,011	0,018	FALSE
-0,041	0,295	-0,001	0,008	0,048	FALSE
-0,074	0,294	-0,004	0,013	0,107	FALSE
0,053	0,283	0,002	0,008	0,071	FALSE
0,220	0,259	0,008	0,009	0,416	FALSE
0,045	0,299	0,000	0,007	0,003	FALSE
-0,152	0,292	-0,006	0,013	0,193	FALSE
-0,033	0,285	-0,001	0,007	0,025	FALSE
-0,118	0,293	-0,004	0,013	0,100	FALSE
0,006	0,292	0,000	0,008	0,007	FALSE
0,144	0,301	0,005	0,011	0,191	FALSE
0,049	0,279	0,001	0,008	0,032	FALSE
0,165	0,291	0,006	0,012	0,188	FALSE
-0,065	0,288	-0,003	0,012	0,098	FALSE
-0,087	0,270	-0,004	0,008	0,179	FALSE
0,037	0,287	0,002	0,011	0,079	FALSE
0,049	0,282	0,002	0,012	0,073	FALSE
-0,107	0,280	-0,001	0,011	0,048	FALSE
-0,119	0,290	-0,001	0,011	0,042	FALSE
-0,125	0,287	-0,001	0,010	0,053	FALSE
0,118	0,276	0,002	0,008	0,096	FALSE
0,022	0,280	0,001	0,007	0,042	FALSE
-0,007	0,286	0,002	0,008	0,073	FALSE
0,077	0,290	0,000	0,007	0,023	FALSE
0,000	0,298	0,000	0,008	0,006	FALSE
-0,108	0,299	-0,003	0,013	0,095	FALSE
-0,058	0,302	-0,001	0,007	0,044	FALSE

-0,097	0,275	-0,002	0,006	0,169	FALSE
-0,071	0,276	-0,002	0,009	0,073	FALSE
0,017	0,303	0,001	0,011	0,034	FALSE
0,054	0,296	0,001	0,009	0,053	FALSE
0,011	0,307	-0,001	0,007	0,047	FALSE
0,083	0,293	0,005	0,011	0,173	FALSE
-0,139	0,299	-0,006	0,013	0,177	FALSE
0,114	0,294	0,004	0,010	0,180	FALSE
0,010	0,295	0,000	0,008	0,016	FALSE
-0,274	0,273	-0,006	0,007	0,373	FALSE
-0,043	0,291	0,000	0,008	0,018	FALSE
-0,131	0,289	-0,002	0,006	0,157	FALSE
0,037	0,308	0,002	0,013	0,053	FALSE
0,034	0,293	0,001	0,013	0,037	FALSE
0,012	0,302	0,001	0,013	0,028	FALSE
0,009	0,290	0,001	0,013	0,024	FALSE
0,001	0,309	0,001	0,013	0,026	FALSE
-0,057	0,292	-0,001	0,012	0,037	FALSE
0,016	0,302	0,001	0,013	0,020	FALSE
-0,027	0,296	0,000	0,013	0,013	FALSE
-0,027	0,316	-0,001	0,014	0,020	FALSE
0,026	0,304	0,001	0,013	0,043	FALSE
0,077	0,298	0,001	0,008	0,050	FALSE
0,106	0,293	0,003	0,008	0,136	FALSE
-0,029	0,291	0,000	0,012	0,014	FALSE
0,016	0,292	0,001	0,013	0,018	FALSE
-0,058	0,285	-0,002	0,013	0,062	FALSE
0,025	0,304	0,000	0,009	0,002	FALSE
0,031	0,276	0,001	0,009	0,040	FALSE
-0,006	0,301	-0,001	0,012	0,037	FALSE
-0,068	0,294	-0,003	0,007	0,179	FALSE
0,040	0,287	0,001	0,008	0,041	FALSE
-0,218	0,282	-0,005	0,007	0,330	FALSE
0,045	0,294	0,000	0,010	0,014	FALSE
0,067	0,284	0,001	0,010	0,037	FALSE
0,110	0,295	0,004	0,011	0,152	FALSE
-0,001	0,294	0,000	0,006	0,020	FALSE
-0,015	0,290	0,001	0,007	0,029	FALSE
0,087	0,294	0,002	0,007	0,092	FALSE
0,075	0,311	0,001	0,008	0,071	FALSE
-0,029	0,273	0,000	0,009	0,015	FALSE
0,077	0,287	0,003	0,007	0,152	FALSE
0,129	0,281	0,003	0,007	0,181	FALSE
-0,231	0,278	-0,006	0,008	0,354	FALSE
0,035	0,277	0,001	0,009	0,059	FALSE
0,167	0,277	0,009	0,012	0,325	FALSE
0,099	0,284	0,002	0,007	0,101	FALSE
-0,199	0,287	-0,005	0,007	0,316	FALSE
-0,028	0,282	0,000	0,007	0,003	FALSE
-0,098	0,295	-0,004	0,008	0,216	FALSE
0,069	0,297	0,003	0,013	0,095	FALSE
0,037	0,285	0,000	0,007	0,009	FALSE
0,092	0,276	0,002	0,008	0,108	FALSE

0,061	0,296	0,002	0,009	0,060	FALSE
0,011	0,292	0,001	0,013	0,038	FALSE
0,060	0,287	0,001	0,007	0,077	FALSE
0,040	0,277	0,001	0,008	0,035	FALSE
-0,154	0,288	-0,003	0,008	0,138	FALSE
-0,126	0,295	-0,005	0,011	0,197	FALSE
0,001	0,296	0,000	0,009	0,004	FALSE
0,014	0,296	0,000	0,010	0,007	FALSE
0,013	0,305	0,000	0,009	0,002	FALSE
0,062	0,295	0,001	0,008	0,055	FALSE
0,092	0,291	0,002	0,007	0,094	FALSE
-0,080	0,282	-0,001	0,006	0,054	FALSE
-0,061	0,290	-0,002	0,007	0,127	FALSE
0,090	0,281	0,003	0,007	0,139	FALSE
0,000	0,279	-0,002	0,009	0,070	FALSE
0,120	0,290	0,002	0,007	0,141	FALSE
0,050	0,290	-0,001	0,010	0,028	FALSE
-0,172	0,272	-0,006	0,010	0,263	FALSE
-0,121	0,293	-0,004	0,011	0,159	FALSE
0,168	0,286	0,007	0,012	0,251	FALSE
-0,067	0,287	-0,001	0,006	0,030	FALSE
0,011	0,302	0,001	0,010	0,037	FALSE
-0,106	0,285	-0,002	0,007	0,103	FALSE
0,056	0,282	0,001	0,008	0,034	FALSE
-0,074	0,283	-0,006	0,010	0,250	FALSE
0,132	0,285	0,003	0,008	0,135	FALSE
0,056	0,287	0,001	0,010	0,020	FALSE
-0,030	0,282	-0,002	0,008	0,097	FALSE
-0,014	0,290	-0,002	0,008	0,072	FALSE
0,135	0,286	0,002	0,007	0,123	FALSE
0,054	0,293	0,002	0,010	0,060	FALSE
0,065	0,293	0,002	0,008	0,078	FALSE
-0,038	0,300	-0,001	0,010	0,030	FALSE
0,187	0,271	0,005	0,008	0,312	FALSE
0,150	0,282	0,005	0,007	0,313	FALSE
-0,105	0,282	-0,003	0,012	0,111	FALSE
-0,153	0,283	-0,004	0,008	0,198	FALSE
-0,056	0,264	0,000	0,011	0,001	FALSE
0,029	0,282	0,002	0,012	0,057	FALSE
0,000	0,288	0,000	0,011	0,004	FALSE
-0,133	0,287	-0,003	0,008	0,184	FALSE
0,043	0,287	0,003	0,011	0,089	FALSE
-0,004	0,277	-0,001	0,008	0,054	FALSE
-0,117	0,282	-0,007	0,012	0,229	FALSE
-0,195	0,287	-0,005	0,009	0,225	FALSE
-0,022	0,288	0,002	0,011	0,053	FALSE
-0,016	0,296	0,001	0,008	0,052	FALSE
-0,167	0,282	-0,005	0,008	0,268	FALSE
0,002	0,293	-0,001	0,010	0,052	FALSE
0,022	0,290	-0,001	0,012	0,020	FALSE
-0,059	0,279	0,000	0,012	0,010	FALSE
0,036	0,300	0,004	0,012	0,140	FALSE
0,087	0,287	0,003	0,013	0,081	FALSE

-0,013	0,274	-0,001	0,012	0,023	FALSE
0,053	0,285	0,002	0,010	0,067	FALSE
0,028	0,286	0,000	0,007	0,018	FALSE
0,003	0,302	0,000	0,012	0,011	FALSE
0,127	0,278	0,005	0,010	0,194	FALSE
0,066	0,296	0,004	0,013	0,134	FALSE
0,022	0,299	-0,001	0,011	0,017	FALSE
-0,015	0,298	0,001	0,007	0,035	FALSE
0,021	0,286	0,001	0,013	0,017	FALSE
0,019	0,291	0,001	0,013	0,019	FALSE
-0,037	0,296	-0,003	0,012	0,082	FALSE
-0,041	0,302	-0,003	0,013	0,082	FALSE
-0,075	0,279	-0,003	0,011	0,127	FALSE
-0,008	0,297	0,000	0,007	0,015	FALSE
-0,037	0,292	0,001	0,011	0,029	FALSE
-0,005	0,288	-0,001	0,011	0,033	FALSE
-0,023	0,291	-0,001	0,011	0,043	FALSE
0,014	0,291	-0,001	0,009	0,037	FALSE
0,056	0,266	0,000	0,006	0,019	FALSE
0,049	0,273	0,002	0,007	0,140	FALSE
-0,085	0,296	-0,004	0,012	0,124	FALSE
0,031	0,280	0,001	0,007	0,045	FALSE
0,046	0,297	0,002	0,011	0,080	FALSE
0,015	0,305	0,000	0,012	0,001	FALSE
-0,033	0,303	-0,001	0,010	0,041	FALSE
0,051	0,293	0,002	0,009	0,076	FALSE
0,026	0,298	0,000	0,010	0,007	FALSE
-0,114	0,292	-0,003	0,007	0,164	FALSE
-0,054	0,279	-0,001	0,007	0,029	FALSE
-0,048	0,295	0,000	0,007	0,022	FALSE
0,026	0,289	0,000	0,006	0,016	FALSE
-0,170	0,289	-0,004	0,008	0,204	FALSE
0,028	0,295	0,001	0,009	0,042	FALSE
0,052	0,302	0,002	0,009	0,069	FALSE
0,108	0,273	0,001	0,007	0,028	FALSE
-0,154	0,287	-0,004	0,009	0,163	FALSE
0,092	0,290	0,003	0,013	0,087	FALSE
0,083	0,292	0,003	0,013	0,093	FALSE
0,044	0,303	0,001	0,007	0,036	FALSE
0,066	0,301	0,002	0,007	0,091	FALSE
0,086	0,296	0,003	0,010	0,109	FALSE
0,077	0,290	0,002	0,010	0,075	FALSE
-0,105	0,283	-0,004	0,008	0,183	FALSE
0,102	0,290	0,004	0,009	0,179	FALSE
-0,080	0,281	-0,003	0,012	0,094	FALSE
0,056	0,292	0,000	0,009	0,009	FALSE
0,086	0,293	0,000	0,006	0,025	FALSE
0,064	0,284	0,001	0,009	0,055	FALSE
0,024	0,297	0,000	0,011	0,005	FALSE
0,058	0,293	0,000	0,007	0,018	FALSE
0,001	0,298	0,000	0,012	0,006	FALSE
0,107	0,290	0,004	0,012	0,141	FALSE
0,175	0,285	0,007	0,011	0,247	FALSE

0,145	0,282	0,004	0,008	0,235	FALSE
0,140	0,286	0,004	0,008	0,207	FALSE
0,002	0,282	0,001	0,007	0,037	FALSE
-0,010	0,290	-0,002	0,013	0,052	FALSE
-0,010	0,281	0,000	0,008	0,014	FALSE
-0,051	0,295	-0,004	0,009	0,201	FALSE
-0,027	0,289	0,002	0,013	0,050	FALSE
0,036	0,286	0,002	0,009	0,066	FALSE
0,081	0,299	0,003	0,010	0,113	FALSE
0,075	0,291	0,002	0,008	0,082	FALSE
0,076	0,298	0,002	0,008	0,110	FALSE
-0,156	0,281	-0,005	0,009	0,222	FALSE
-0,114	0,297	-0,003	0,010	0,128	FALSE
-0,141	0,275	-0,004	0,010	0,186	FALSE
0,055	0,297	0,000	0,008	0,008	FALSE
0,045	0,286	0,001	0,007	0,050	FALSE
-0,023	0,292	0,000	0,010	0,003	FALSE
-0,060	0,278	-0,002	0,010	0,083	FALSE
-0,055	0,294	-0,001	0,007	0,078	FALSE
-0,021	0,289	0,000	0,010	0,013	FALSE
0,110	0,281	0,002	0,007	0,122	FALSE
-0,047	0,290	-0,003	0,013	0,079	FALSE
-0,045	0,291	-0,002	0,010	0,072	FALSE
-0,053	0,288	-0,003	0,013	0,100	FALSE
-0,049	0,286	-0,001	0,009	0,046	FALSE
-0,002	0,302	0,000	0,006	0,018	FALSE
-0,125	0,274	-0,003	0,008	0,152	FALSE
0,022	0,288	0,000	0,006	0,000	FALSE
0,103	0,281	0,001	0,007	0,036	FALSE
0,095	0,286	0,001	0,007	0,029	FALSE
0,064	0,293	0,001	0,007	0,031	FALSE
0,020	0,294	0,000	0,007	0,007	FALSE
-0,058	0,280	0,000	0,007	0,011	FALSE
-0,058	0,297	0,000	0,006	0,026	FALSE
-0,195	0,291	-0,004	0,007	0,249	FALSE
0,079	0,302	0,002	0,010	0,090	FALSE
-0,129	0,288	-0,003	0,011	0,115	FALSE
0,158	0,282	0,004	0,007	0,223	FALSE
-0,009	0,284	0,001	0,012	0,033	FALSE
0,155	0,282	0,004	0,007	0,230	FALSE
-0,051	0,297	-0,003	0,007	0,140	FALSE
-0,048	0,305	0,000	0,010	0,004	FALSE
0,057	0,290	0,001	0,013	0,040	FALSE
0,006	0,287	-0,001	0,007	0,028	FALSE
-0,111	0,286	-0,004	0,009	0,168	FALSE
0,076	0,294	0,002	0,007	0,098	FALSE
-0,045	0,300	-0,001	0,007	0,069	FALSE
0,062	0,284	0,001	0,012	0,043	FALSE
-0,001	0,276	0,000	0,008	0,003	FALSE
-0,052	0,295	-0,002	0,009	0,080	FALSE
0,004	0,292	0,000	0,006	0,016	FALSE
0,058	0,287	0,002	0,007	0,097	FALSE
0,150	0,305	0,006	0,013	0,200	FALSE

-0,064	0,294	-0,002	0,013	0,065	FALSE
0,172	0,297	0,002	0,006	0,155	FALSE
-0,213	0,262	-0,005	0,008	0,277	FALSE
0,008	0,294	0,000	0,007	0,014	FALSE
-0,105	0,286	-0,004	0,013	0,109	FALSE
-0,194	0,274	-0,005	0,010	0,231	FALSE
0,029	0,280	0,001	0,006	0,072	FALSE
-0,134	0,285	-0,005	0,012	0,169	FALSE
0,031	0,286	0,001	0,007	0,052	FALSE
0,031	0,306	0,001	0,011	0,024	FALSE
0,147	0,298	0,004	0,008	0,209	FALSE
0,033	0,283	0,000	0,009	0,005	FALSE
0,100	0,287	0,002	0,007	0,091	FALSE
-0,013	0,297	-0,003	0,009	0,108	FALSE
-0,102	0,294	-0,005	0,012	0,154	FALSE
-0,102	0,283	-0,004	0,012	0,150	FALSE
0,024	0,287	-0,001	0,007	0,041	FALSE
-0,044	0,282	-0,001	0,008	0,036	FALSE
0,111	0,287	0,002	0,007	0,109	FALSE
0,039	0,296	0,000	0,012	0,003	FALSE
0,020	0,287	0,003	0,012	0,099	FALSE
-0,064	0,288	-0,003	0,012	0,093	FALSE
0,018	0,284	0,001	0,010	0,033	FALSE
-0,001	0,284	0,000	0,010	0,006	FALSE
-0,037	0,277	-0,002	0,012	0,047	FALSE
-0,009	0,301	0,000	0,011	0,000	FALSE
0,099	0,289	0,004	0,011	0,151	FALSE
0,089	0,291	0,002	0,008	0,087	FALSE
0,024	0,288	-0,001	0,007	0,028	FALSE
0,065	0,298	0,003	0,012	0,105	FALSE
0,064	0,292	0,000	0,007	0,023	FALSE
-0,126	0,286	-0,004	0,009	0,178	FALSE
-0,069	0,304	-0,002	0,010	0,070	FALSE
-0,100	0,286	-0,002	0,006	0,129	FALSE
-0,026	0,292	-0,001	0,007	0,041	FALSE
0,046	0,287	0,000	0,009	0,003	FALSE
0,002	0,286	0,000	0,007	0,021	FALSE
-0,029	0,294	-0,001	0,007	0,055	FALSE
0,184	0,276	0,004	0,007	0,284	FALSE
0,175	0,280	0,006	0,009	0,329	FALSE
0,127	0,304	0,004	0,008	0,209	FALSE
0,165	0,288	0,007	0,010	0,293	FALSE
0,101	0,278	0,002	0,012	0,054	FALSE
0,010	0,303	0,001	0,008	0,044	FALSE
-0,054	0,295	-0,001	0,012	0,042	FALSE
0,043	0,286	0,001	0,006	0,050	FALSE
-0,008	0,274	0,000	0,009	0,010	FALSE
0,087	0,284	0,003	0,011	0,125	FALSE
-0,143	0,291	-0,005	0,008	0,241	FALSE
0,120	0,293	0,004	0,009	0,181	FALSE
0,008	0,286	0,000	0,009	0,003	FALSE
0,143	0,281	0,004	0,009	0,201	FALSE
-0,015	0,306	0,001	0,012	0,031	FALSE

-0,072	0,296	-0,005	0,013	0,141	FALSE
0,043	0,287	0,001	0,007	0,040	FALSE
-0,015	0,278	0,000	0,008	0,007	FALSE
-0,073	0,304	-0,004	0,011	0,132	FALSE
0,070	0,296	0,002	0,011	0,074	FALSE
0,090	0,299	0,002	0,007	0,119	FALSE
0,016	0,305	-0,001	0,011	0,021	FALSE
0,030	0,271	0,000	0,007	0,022	FALSE
0,058	0,293	0,002	0,009	0,080	FALSE
0,120	0,277	0,004	0,012	0,130	FALSE
0,067	0,287	0,000	0,010	0,005	FALSE
-0,144	0,289	-0,006	0,014	0,171	FALSE
-0,123	0,288	-0,003	0,006	0,162	FALSE
-0,055	0,299	-0,002	0,008	0,086	FALSE
-0,011	0,280	-0,002	0,013	0,065	FALSE
0,078	0,304	0,001	0,007	0,045	FALSE
-0,030	0,283	0,000	0,006	0,009	FALSE
0,139	0,280	0,005	0,012	0,159	FALSE
0,004	0,289	0,000	0,007	0,006	FALSE
-0,069	0,288	-0,001	0,006	0,058	FALSE
-0,025	0,292	-0,001	0,012	0,020	FALSE
0,013	0,289	0,001	0,008	0,049	FALSE
-0,074	0,291	-0,003	0,010	0,108	FALSE
0,031	0,288	0,001	0,012	0,041	FALSE
-0,008	0,294	0,000	0,012	0,012	FALSE
-0,001	0,288	0,000	0,008	0,016	FALSE
-0,072	0,298	-0,002	0,011	0,054	FALSE
0,111	0,290	0,004	0,008	0,195	FALSE
0,059	0,280	0,002	0,010	0,080	FALSE
-0,006	0,293	0,000	0,007	0,018	FALSE
0,007	0,302	0,000	0,007	0,024	FALSE
-0,233	0,282	-0,007	0,009	0,371	FALSE
0,087	0,305	0,001	0,007	0,027	FALSE
-0,080	0,296	-0,003	0,011	0,118	FALSE
-0,112	0,300	-0,004	0,010	0,144	TRUE
-0,147	0,285	-0,002	0,007	0,131	FALSE
-0,044	0,294	-0,002	0,013	0,044	FALSE
-0,007	0,288	0,000	0,013	0,013	FALSE
0,184	0,293	0,007	0,013	0,214	FALSE
0,185	0,291	0,007	0,013	0,220	FALSE
-0,035	0,290	-0,001	0,010	0,053	FALSE
0,176	0,282	0,007	0,013	0,224	FALSE
-0,007	0,275	0,001	0,006	0,032	FALSE
-0,172	0,286	-0,003	0,008	0,140	FALSE
0,103	0,288	0,002	0,007	0,138	FALSE
-0,017	0,285	-0,001	0,009	0,058	FALSE
0,042	0,288	0,001	0,007	0,054	FALSE
0,056	0,304	0,001	0,013	0,041	FALSE
0,094	0,295	0,001	0,006	0,071	FALSE
-0,059	0,296	-0,003	0,008	0,134	FALSE
-0,086	0,287	-0,001	0,009	0,057	FALSE
-0,039	0,285	0,001	0,007	0,029	FALSE
0,082	0,284	0,002	0,007	0,094	FALSE

0,049	0,289	0,003	0,011	0,087	FALSE
-0,040	0,291	-0,001	0,011	0,031	FALSE
0,049	0,297	0,000	0,007	0,021	FALSE
0,032	0,310	0,000	0,008	0,007	FALSE
-0,015	0,297	-0,002	0,010	0,066	FALSE
-0,074	0,305	-0,002	0,007	0,094	FALSE
-0,031	0,285	0,000	0,006	0,001	FALSE
-0,104	0,298	-0,003	0,008	0,171	FALSE
-0,077	0,301	-0,002	0,008	0,087	FALSE
-0,089	0,299	-0,002	0,007	0,117	FALSE
-0,083	0,287	-0,002	0,007	0,126	FALSE
0,065	0,290	0,002	0,013	0,049	FALSE
-0,023	0,289	0,000	0,009	0,019	FALSE
-0,080	0,300	-0,004	0,013	0,116	FALSE
0,001	0,298	0,000	0,012	0,007	FALSE
-0,113	0,289	-0,002	0,008	0,105	FALSE
0,094	0,285	0,003	0,012	0,092	FALSE
-0,071	0,290	-0,002	0,012	0,077	FALSE
-0,064	0,292	-0,002	0,007	0,121	FALSE
0,110	0,296	0,001	0,007	0,064	FALSE
-0,012	0,293	-0,001	0,012	0,034	FALSE
-0,002	0,292	-0,001	0,012	0,042	FALSE
0,073	0,283	0,002	0,008	0,103	FALSE
0,109	0,290	0,003	0,008	0,156	FALSE
-0,061	0,310	-0,003	0,010	0,099	FALSE
-0,044	0,293	-0,004	0,012	0,137	FALSE
0,159	0,299	0,003	0,007	0,187	FALSE
0,048	0,284	0,001	0,007	0,082	FALSE
-0,019	0,278	-0,001	0,006	0,055	FALSE
0,015	0,296	0,003	0,011	0,089	FALSE
0,094	0,297	0,002	0,008	0,087	FALSE
-0,059	0,289	-0,001	0,011	0,031	FALSE
-0,046	0,289	-0,001	0,007	0,055	FALSE
-0,078	0,280	-0,001	0,007	0,059	FALSE
-0,076	0,297	-0,002	0,007	0,092	FALSE
-0,027	0,285	-0,002	0,008	0,075	FALSE
0,046	0,293	0,000	0,007	0,022	FALSE
-0,020	0,286	0,000	0,011	0,013	FALSE
-0,113	0,284	-0,004	0,008	0,174	FALSE
0,017	0,286	0,001	0,012	0,015	FALSE
0,071	0,296	0,003	0,009	0,147	FALSE
0,030	0,294	0,001	0,007	0,051	FALSE
0,024	0,290	0,000	0,006	0,025	FALSE
-0,081	0,290	-0,004	0,012	0,134	FALSE
0,142	0,268	0,004	0,011	0,142	FALSE
-0,166	0,277	-0,004	0,011	0,148	FALSE
-0,035	0,297	-0,001	0,013	0,019	FALSE
0,184	0,270	0,006	0,012	0,222	FALSE
0,157	0,261	0,005	0,011	0,179	FALSE
-0,115	0,276	-0,003	0,012	0,084	FALSE
-0,041	0,287	-0,002	0,007	0,093	FALSE
0,091	0,291	0,003	0,012	0,100	FALSE
0,118	0,277	0,004	0,011	0,145	FALSE

-0,019	0,302	0,000	0,010	0,006	FALSE
-0,003	0,292	-0,001	0,007	0,052	FALSE
-0,036	0,284	-0,003	0,011	0,100	FALSE
0,103	0,289	0,002	0,008	0,098	FALSE
-0,061	0,287	-0,001	0,009	0,021	FALSE
-0,017	0,296	0,000	0,009	0,015	FALSE
0,047	0,293	0,002	0,008	0,104	FALSE
0,006	0,290	0,000	0,011	0,015	FALSE
0,074	0,297	0,002	0,008	0,129	FALSE
0,004	0,296	-0,001	0,007	0,049	FALSE
-0,003	0,301	-0,001	0,007	0,053	FALSE
0,078	0,290	0,002	0,011	0,067	FALSE
0,021	0,296	0,000	0,006	0,021	FALSE
-0,063	0,285	-0,003	0,012	0,098	FALSE
0,068	0,283	0,002	0,013	0,065	FALSE
-0,021	0,278	-0,001	0,007	0,080	FALSE
0,010	0,301	0,002	0,011	0,073	FALSE
-0,058	0,281	-0,002	0,008	0,121	FALSE
-0,103	0,274	-0,003	0,008	0,170	FALSE
0,053	0,289	0,003	0,012	0,087	FALSE
0,000	0,281	-0,001	0,012	0,038	FALSE
0,062	0,288	0,002	0,007	0,091	FALSE
0,181	0,284	0,006	0,009	0,305	FALSE
0,065	0,304	0,002	0,007	0,102	FALSE
0,113	0,298	0,005	0,012	0,170	FALSE
0,065	0,287	0,002	0,009	0,086	FALSE
-0,149	0,274	-0,009	0,012	0,314	FALSE
-0,011	0,288	-0,001	0,013	0,026	FALSE
0,082	0,287	0,002	0,013	0,048	FALSE
-0,083	0,285	-0,002	0,008	0,069	FALSE
-0,034	0,284	0,001	0,007	0,030	FALSE
-0,047	0,292	-0,003	0,011	0,090	FALSE
-0,173	0,290	-0,007	0,012	0,250	FALSE
-0,027	0,288	-0,001	0,008	0,023	FALSE
0,183	0,294	0,005	0,008	0,284	FALSE
0,073	0,289	0,003	0,008	0,146	FALSE
0,037	0,283	-0,001	0,007	0,047	FALSE
-0,027	0,300	0,000	0,012	0,013	FALSE
-0,107	0,297	-0,002	0,008	0,079	FALSE
-0,106	0,274	-0,002	0,007	0,090	FALSE
-0,183	0,279	-0,004	0,009	0,214	FALSE
-0,209	0,278	-0,005	0,009	0,275	FALSE
-0,111	0,289	-0,003	0,009	0,122	FALSE
0,178	0,283	0,008	0,013	0,276	FALSE
-0,005	0,281	-0,003	0,012	0,094	FALSE
0,075	0,294	0,002	0,013	0,051	FALSE
0,017	0,291	0,000	0,006	0,005	FALSE
-0,096	0,283	-0,002	0,008	0,080	FALSE
-0,032	0,289	0,000	0,013	0,001	FALSE
0,073	0,297	0,002	0,007	0,113	FALSE
-0,186	0,279	-0,006	0,013	0,183	FALSE
0,094	0,287	0,002	0,007	0,115	FALSE
0,118	0,290	0,001	0,008	0,069	FALSE

0,027	0,303	0,001	0,012	0,041	FALSE
-0,020	0,286	0,001	0,010	0,021	FALSE
-0,087	0,291	-0,005	0,012	0,144	FALSE
0,110	0,277	0,002	0,008	0,104	FALSE
0,061	0,279	0,003	0,008	0,134	FALSE
-0,031	0,285	-0,001	0,009	0,060	FALSE
-0,023	0,294	-0,002	0,009	0,060	FALSE
-0,060	0,293	-0,002	0,009	0,082	FALSE
-0,076	0,281	-0,004	0,012	0,128	FALSE
-0,069	0,290	-0,002	0,012	0,075	FALSE
-0,039	0,295	0,000	0,007	0,020	FALSE
0,087	0,299	0,003	0,009	0,124	FALSE
0,101	0,291	0,003	0,009	0,136	FALSE
0,074	0,291	0,002	0,010	0,062	FALSE
-0,109	0,289	-0,003	0,010	0,121	FALSE
0,003	0,290	0,000	0,011	0,013	FALSE
0,055	0,304	0,002	0,008	0,071	FALSE
0,013	0,292	0,000	0,007	0,000	FALSE
-0,113	0,286	-0,004	0,011	0,149	FALSE
0,045	0,281	0,001	0,009	0,042	FALSE
-0,061	0,277	-0,001	0,006	0,090	FALSE
-0,177	0,283	-0,006	0,012	0,195	FALSE
0,043	0,298	0,000	0,010	0,013	FALSE
0,070	0,286	0,004	0,013	0,109	FALSE
0,104	0,288	0,004	0,012	0,117	FALSE
0,074	0,287	0,003	0,011	0,122	FALSE
-0,031	0,294	0,000	0,013	0,000	FALSE
-0,095	0,279	-0,001	0,008	0,070	FALSE
-0,124	0,272	-0,004	0,013	0,114	FALSE
0,010	0,285	0,001	0,013	0,033	FALSE
0,014	0,295	0,001	0,011	0,040	FALSE
-0,027	0,286	0,000	0,012	0,005	FALSE
0,025	0,287	0,001	0,010	0,041	FALSE
0,092	0,296	0,002	0,013	0,065	FALSE
-0,090	0,296	-0,003	0,008	0,139	FALSE
-0,108	0,293	-0,002	0,008	0,095	FALSE
0,152	0,293	0,008	0,012	0,265	FALSE
-0,071	0,292	-0,001	0,012	0,014	FALSE
-0,099	0,295	-0,003	0,013	0,083	FALSE
0,052	0,310	0,002	0,013	0,042	FALSE
-0,214	0,274	-0,008	0,012	0,287	FALSE
0,206	0,298	0,004	0,007	0,282	FALSE
0,003	0,280	0,000	0,007	0,019	FALSE
0,026	0,295	0,001	0,008	0,027	FALSE
-0,097	0,279	-0,003	0,010	0,134	FALSE
-0,073	0,279	-0,004	0,013	0,108	FALSE
0,012	0,291	0,001	0,008	0,041	FALSE
-0,081	0,301	-0,003	0,012	0,095	FALSE
0,021	0,282	0,000	0,012	0,006	FALSE
0,144	0,280	0,005	0,013	0,174	FALSE
-0,026	0,290	-0,001	0,009	0,029	FALSE
0,060	0,285	0,002	0,011	0,071	FALSE
0,046	0,295	0,003	0,011	0,116	FALSE

0,010	0,288	0,002	0,011	0,066	FALSE
0,003	0,290	-0,001	0,013	0,030	FALSE
-0,054	0,295	-0,001	0,007	0,030	FALSE
0,102	0,296	0,005	0,013	0,144	FALSE
0,060	0,288	0,002	0,013	0,070	FALSE
0,107	0,280	0,003	0,009	0,148	FALSE
0,029	0,303	0,002	0,010	0,070	FALSE
0,035	0,304	0,001	0,010	0,027	FALSE
0,010	0,292	0,000	0,011	0,009	FALSE
0,074	0,303	0,003	0,013	0,100	FALSE
0,076	0,292	0,003	0,013	0,091	FALSE
0,005	0,285	0,001	0,010	0,020	FALSE
-0,132	0,292	-0,005	0,013	0,165	FALSE
-0,032	0,280	0,001	0,006	0,031	FALSE
-0,179	0,287	-0,005	0,008	0,261	FALSE
-0,064	0,298	-0,003	0,009	0,106	FALSE
0,003	0,282	0,000	0,010	0,015	FALSE
0,059	0,288	0,002	0,007	0,128	FALSE
0,014	0,287	0,002	0,013	0,065	FALSE
-0,150	0,290	-0,004	0,010	0,178	FALSE
0,180	0,295	0,008	0,013	0,288	FALSE
0,074	0,289	0,003	0,012	0,087	FALSE
-0,098	0,307	-0,004	0,012	0,123	FALSE
-0,036	0,295	0,000	0,013	0,013	FALSE
-0,036	0,286	-0,003	0,010	0,101	FALSE
-0,026	0,290	-0,003	0,010	0,103	FALSE
-0,048	0,303	-0,003	0,011	0,123	FALSE
-0,008	0,295	0,000	0,007	0,004	FALSE
0,103	0,299	0,002	0,008	0,098	FALSE
-0,030	0,300	-0,001	0,010	0,050	FALSE
0,163	0,273	0,007	0,012	0,252	FALSE
0,068	0,296	0,002	0,008	0,124	FALSE
0,010	0,308	0,000	0,008	0,022	FALSE
0,105	0,275	0,002	0,007	0,138	FALSE
-0,002	0,293	0,000	0,009	0,000	FALSE
0,084	0,292	0,001	0,009	0,053	FALSE
0,151	0,289	0,005	0,012	0,173	FALSE
0,151	0,284	0,005	0,012	0,181	FALSE
0,104	0,288	0,004	0,012	0,139	FALSE
-0,015	0,299	-0,001	0,007	0,040	FALSE
0,089	0,289	0,004	0,012	0,123	FALSE
0,124	0,283	0,006	0,012	0,188	FALSE
-0,063	0,285	-0,003	0,012	0,098	FALSE
0,035	0,297	0,002	0,011	0,058	FALSE
0,041	0,289	0,002	0,011	0,077	FALSE
0,000	0,303	0,000	0,011	0,014	FALSE
-0,038	0,300	0,000	0,008	0,018	FALSE
-0,035	0,296	-0,001	0,013	0,021	FALSE
-0,022	0,295	0,000	0,012	0,012	FALSE
0,084	0,286	0,004	0,013	0,119	FALSE
-0,117	0,276	-0,003	0,009	0,131	FALSE
0,064	0,292	0,003	0,013	0,086	FALSE
0,051	0,294	0,000	0,007	0,016	FALSE

-0,121	0,291	-0,003	0,008	0,157	FALSE
0,106	0,295	0,002	0,007	0,123	FALSE
0,072	0,290	0,004	0,012	0,133	FALSE
0,083	0,279	0,004	0,007	0,236	FALSE
-0,099	0,282	-0,003	0,010	0,121	FALSE
-0,062	0,285	-0,001	0,011	0,029	FALSE
-0,083	0,272	-0,002	0,009	0,103	FALSE
0,134	0,278	0,003	0,009	0,112	FALSE
0,052	0,283	0,003	0,013	0,081	FALSE
-0,113	0,281	-0,006	0,010	0,258	FALSE
0,102	0,286	0,002	0,010	0,062	FALSE
-0,086	0,302	-0,005	0,010	0,202	FALSE
-0,102	0,287	-0,004	0,008	0,193	FALSE
0,061	0,283	0,001	0,010	0,031	FALSE
-0,025	0,291	-0,002	0,009	0,077	FALSE
0,079	0,282	0,001	0,012	0,043	FALSE
-0,007	0,293	-0,001	0,009	0,047	FALSE
-0,064	0,276	-0,003	0,008	0,168	FALSE
-0,079	0,288	-0,001	0,006	0,047	FALSE
-0,070	0,274	-0,005	0,013	0,178	FALSE
0,123	0,294	0,004	0,008	0,215	FALSE
0,066	0,289	0,001	0,008	0,035	FALSE
0,106	0,286	0,002	0,008	0,114	FALSE
0,024	0,286	0,001	0,007	0,055	FALSE
-0,174	0,301	-0,004	0,007	0,253	FALSE
-0,057	0,285	-0,003	0,008	0,131	FALSE
-0,024	0,275	-0,002	0,007	0,087	FALSE
0,031	0,283	0,000	0,007	0,010	FALSE
-0,004	0,280	-0,001	0,006	0,063	FALSE
0,030	0,290	-0,001	0,007	0,031	FALSE
0,019	0,304	0,001	0,009	0,036	FALSE
0,014	0,302	0,001	0,009	0,042	FALSE
0,005	0,300	0,001	0,009	0,032	FALSE
0,152	0,306	0,003	0,007	0,171	FALSE
0,087	0,297	0,001	0,009	0,060	FALSE
-0,004	0,295	-0,001	0,010	0,024	FALSE
0,058	0,286	0,003	0,008	0,145	FALSE
0,032	0,293	0,001	0,006	0,057	FALSE
-0,064	0,286	-0,002	0,009	0,099	FALSE
0,100	0,284	0,002	0,009	0,074	FALSE
-0,054	0,281	0,001	0,008	0,024	FALSE
0,060	0,297	0,001	0,008	0,045	FALSE
-0,049	0,297	-0,002	0,009	0,067	FALSE
0,046	0,296	0,001	0,008	0,045	FALSE
0,144	0,294	0,003	0,009	0,146	FALSE
0,069	0,282	0,002	0,009	0,061	FALSE
0,012	0,297	-0,001	0,008	0,038	FALSE
0,038	0,300	0,000	0,009	0,016	FALSE
0,007	0,303	0,001	0,009	0,020	FALSE
0,135	0,280	0,004	0,007	0,255	FALSE
0,018	0,296	0,000	0,009	0,016	FALSE
-0,047	0,290	-0,001	0,008	0,036	FALSE
0,084	0,279	0,003	0,013	0,078	FALSE

0,098	0,282	0,004	0,012	0,130	FALSE
0,008	0,291	0,000	0,011	0,011	FALSE
-0,100	0,290	-0,004	0,012	0,132	FALSE
-0,050	0,301	-0,001	0,013	0,014	FALSE
-0,031	0,297	-0,003	0,012	0,103	FALSE
-0,001	0,299	0,000	0,009	0,015	FALSE
-0,032	0,277	-0,003	0,011	0,103	FALSE
0,007	0,280	0,002	0,008	0,100	FALSE
0,104	0,292	0,003	0,011	0,120	FALSE
0,122	0,284	0,005	0,011	0,177	FALSE
-0,021	0,278	0,000	0,013	0,001	FALSE
0,017	0,285	0,000	0,010	0,013	FALSE
0,039	0,291	0,001	0,011	0,019	FALSE
0,028	0,286	0,000	0,011	0,008	FALSE
0,005	0,275	-0,001	0,007	0,060	FALSE
0,055	0,282	0,004	0,011	0,149	FALSE
0,048	0,299	0,001	0,011	0,030	FALSE
0,074	0,286	0,002	0,008	0,088	FALSE
-0,027	0,299	-0,001	0,010	0,031	FALSE
-0,033	0,289	-0,002	0,010	0,082	FALSE
0,085	0,287	0,003	0,008	0,137	FALSE
-0,022	0,280	0,000	0,012	0,011	FALSE
-0,037	0,288	-0,001	0,006	0,085	FALSE
0,067	0,303	0,003	0,012	0,098	FALSE
0,011	0,284	0,000	0,008	0,022	FALSE
-0,148	0,288	-0,003	0,006	0,183	FALSE
-0,178	0,280	-0,003	0,006	0,220	FALSE
-0,194	0,284	-0,003	0,006	0,228	FALSE
0,108	0,284	0,003	0,009	0,137	FALSE
0,082	0,287	0,004	0,013	0,133	FALSE
-0,048	0,288	0,000	0,007	0,023	FALSE
-0,077	0,278	-0,003	0,008	0,173	FALSE
0,088	0,273	0,001	0,006	0,079	FALSE
-0,111	0,290	-0,003	0,010	0,141	FALSE
-0,068	0,296	-0,002	0,008	0,105	FALSE
0,020	0,308	0,000	0,008	0,013	FALSE
-0,002	0,297	0,000	0,008	0,007	FALSE
-0,006	0,290	0,000	0,011	0,006	FALSE
-0,047	0,291	-0,001	0,010	0,045	FALSE
-0,089	0,300	-0,003	0,008	0,135	FALSE
-0,113	0,281	-0,004	0,008	0,206	FALSE
-0,048	0,297	-0,001	0,013	0,034	FALSE
-0,103	0,290	-0,003	0,010	0,103	FALSE
0,048	0,288	0,001	0,010	0,043	FALSE
0,028	0,301	0,002	0,010	0,065	FALSE
-0,002	0,291	0,001	0,007	0,062	FALSE
-0,062	0,302	-0,001	0,007	0,033	FALSE
0,025	0,290	0,001	0,007	0,064	FALSE
0,030	0,303	0,001	0,008	0,066	FALSE
0,042	0,296	0,001	0,008	0,044	FALSE
0,209	0,285	0,009	0,012	0,338	FALSE
0,012	0,286	0,001	0,009	0,048	FALSE
0,004	0,297	-0,001	0,009	0,019	FALSE

-0,213	0,273	-0,004	0,008	0,218	FALSE
-0,233	0,253	-0,006	0,009	0,324	FALSE
0,201	0,283	0,008	0,010	0,351	FALSE
0,063	0,290	0,005	0,013	0,152	FALSE
0,111	0,295	0,004	0,012	0,138	FALSE
0,061	0,285	0,002	0,011	0,058	FALSE
-0,062	0,289	0,000	0,010	0,008	FALSE
0,154	0,286	0,006	0,009	0,297	FALSE
0,174	0,273	0,007	0,009	0,352	FALSE
0,091	0,287	0,005	0,013	0,148	FALSE
0,090	0,284	0,003	0,012	0,115	FALSE
0,088	0,300	0,002	0,007	0,082	FALSE
0,059	0,301	0,000	0,007	0,020	FALSE
0,005	0,290	-0,001	0,010	0,024	FALSE
0,019	0,296	-0,001	0,012	0,044	FALSE
0,036	0,292	0,001	0,010	0,054	FALSE
-0,147	0,282	-0,004	0,008	0,186	FALSE
0,071	0,283	0,001	0,013	0,024	FALSE
0,041	0,287	0,002	0,008	0,093	FALSE
-0,026	0,285	0,000	0,008	0,017	FALSE
0,011	0,285	0,000	0,008	0,015	FALSE
0,019	0,287	0,000	0,007	0,017	FALSE
0,064	0,283	0,003	0,010	0,121	FALSE
-0,056	0,279	-0,001	0,007	0,037	FALSE
-0,013	0,285	-0,002	0,008	0,084	FALSE
0,148	0,286	0,005	0,010	0,214	FALSE
-0,016	0,295	-0,001	0,007	0,050	FALSE
0,147	0,291	0,005	0,010	0,210	FALSE
-0,032	0,285	0,002	0,012	0,065	FALSE
-0,039	0,289	0,000	0,007	0,005	FALSE
0,048	0,295	0,001	0,008	0,022	FALSE
-0,123	0,294	-0,002	0,008	0,105	FALSE
-0,022	0,288	-0,002	0,010	0,067	FALSE
-0,020	0,293	0,000	0,007	0,012	FALSE
-0,045	0,283	0,000	0,010	0,011	FALSE
0,201	0,275	0,010	0,013	0,368	FALSE
0,016	0,289	0,004	0,013	0,103	FALSE
0,044	0,290	0,000	0,011	0,014	FALSE
0,083	0,294	0,003	0,008	0,133	FALSE
-0,015	0,290	-0,002	0,013	0,061	FALSE
-0,121	0,279	-0,002	0,007	0,087	FALSE
-0,117	0,289	-0,002	0,007	0,128	FALSE
-0,145	0,273	-0,002	0,007	0,140	FALSE
0,054	0,280	0,000	0,007	0,012	FALSE
0,094	0,298	0,003	0,009	0,149	FALSE
-0,036	0,293	-0,001	0,007	0,069	FALSE
-0,020	0,295	-0,002	0,007	0,080	FALSE
0,183	0,294	0,005	0,011	0,211	FALSE
0,035	0,294	0,000	0,009	0,004	FALSE
-0,087	0,291	-0,004	0,013	0,128	FALSE
0,049	0,278	0,002	0,012	0,058	FALSE
-0,031	0,293	0,000	0,012	0,006	FALSE
-0,016	0,302	0,000	0,012	0,011	FALSE

-0,007	0,298	0,000	0,012	0,011	FALSE
0,049	0,279	0,002	0,011	0,069	FALSE
0,034	0,280	0,001	0,013	0,028	FALSE
0,106	0,295	0,002	0,006	0,108	FALSE
-0,062	0,287	-0,002	0,007	0,099	FALSE
0,067	0,286	0,001	0,008	0,058	FALSE
0,127	0,277	0,004	0,012	0,153	FALSE
0,094	0,287	0,002	0,008	0,104	FALSE
-0,133	0,284	-0,003	0,008	0,150	FALSE
-0,141	0,272	-0,006	0,012	0,189	FALSE
0,070	0,288	0,001	0,006	0,055	FALSE
0,011	0,295	0,000	0,007	0,001	FALSE
0,073	0,298	0,002	0,010	0,060	FALSE
0,053	0,285	0,002	0,006	0,094	FALSE
0,112	0,288	0,003	0,009	0,111	FALSE
0,091	0,284	0,006	0,011	0,207	FALSE
0,162	0,284	0,005	0,008	0,279	FALSE
0,011	0,289	0,002	0,013	0,058	FALSE
-0,226	0,281	-0,005	0,007	0,353	FALSE
-0,027	0,293	-0,003	0,012	0,080	FALSE
0,042	0,295	0,001	0,007	0,036	FALSE
-0,151	0,292	-0,006	0,012	0,218	FALSE
0,020	0,297	0,002	0,009	0,085	FALSE
0,026	0,305	0,001	0,012	0,022	FALSE
0,031	0,296	0,000	0,009	0,001	FALSE
-0,102	0,295	-0,003	0,006	0,161	FALSE
0,021	0,293	0,000	0,008	0,005	FALSE
-0,071	0,292	-0,003	0,007	0,153	FALSE
0,143	0,306	0,004	0,012	0,134	FALSE
-0,075	0,273	-0,002	0,008	0,103	FALSE
0,041	0,283	0,002	0,012	0,057	FALSE
0,013	0,291	0,000	0,009	0,006	FALSE
-0,076	0,294	-0,002	0,014	0,040	FALSE
0,049	0,294	0,001	0,009	0,027	FALSE
-0,072	0,290	-0,001	0,012	0,040	FALSE
-0,022	0,293	0,001	0,008	0,024	FALSE
0,005	0,285	0,002	0,008	0,074	FALSE
0,189	0,270	0,008	0,013	0,293	FALSE
-0,052	0,292	-0,001	0,009	0,039	FALSE
-0,042	0,288	-0,002	0,007	0,096	FALSE
-0,118	0,299	-0,003	0,008	0,129	FALSE
0,048	0,279	0,002	0,008	0,082	FALSE
0,018	0,304	0,001	0,007	0,059	FALSE
-0,111	0,283	-0,003	0,011	0,103	FALSE
-0,069	0,293	-0,004	0,013	0,112	FALSE
0,027	0,273	0,000	0,008	0,013	FALSE
-0,087	0,282	-0,001	0,007	0,039	FALSE
-0,008	0,294	0,001	0,007	0,032	FALSE
-0,070	0,290	-0,005	0,012	0,150	FALSE
-0,019	0,275	-0,003	0,013	0,084	FALSE
-0,168	0,280	-0,007	0,010	0,291	FALSE
-0,026	0,293	0,001	0,008	0,062	FALSE
-0,044	0,300	-0,001	0,009	0,023	FALSE

0,075	0,298	0,003	0,009	0,132	FALSE
0,043	0,295	0,003	0,013	0,101	FALSE
0,128	0,270	0,003	0,010	0,095	FALSE
-0,048	0,304	-0,001	0,013	0,041	FALSE
0,077	0,285	0,001	0,008	0,050	FALSE
0,077	0,288	0,001	0,008	0,048	FALSE
0,027	0,284	-0,001	0,009	0,041	FALSE
-0,048	0,287	-0,002	0,011	0,065	FALSE
0,045	0,294	0,002	0,007	0,096	FALSE
-0,033	0,283	0,000	0,006	0,009	FALSE
-0,080	0,291	-0,005	0,013	0,138	FALSE
0,019	0,307	0,000	0,008	0,017	FALSE
0,082	0,295	0,006	0,010	0,246	FALSE
-0,036	0,292	-0,003	0,010	0,118	FALSE
0,034	0,293	0,001	0,007	0,046	FALSE
-0,042	0,299	-0,002	0,008	0,084	FALSE
0,122	0,271	0,007	0,012	0,241	FALSE
0,137	0,277	0,004	0,011	0,136	FALSE
0,137	0,287	0,005	0,010	0,194	FALSE
0,083	0,290	0,002	0,009	0,064	FALSE
0,125	0,283	0,005	0,012	0,168	FALSE
0,019	0,292	0,000	0,012	0,001	FALSE
0,054	0,294	0,002	0,011	0,069	FALSE
-0,121	0,286	-0,003	0,007	0,163	FALSE
0,054	0,291	0,000	0,013	0,005	FALSE
0,134	0,289	0,003	0,008	0,184	FALSE
0,037	0,282	0,001	0,010	0,021	FALSE
0,072	0,265	0,002	0,007	0,090	FALSE
0,076	0,291	0,002	0,010	0,066	FALSE
-0,055	0,311	-0,002	0,007	0,084	FALSE
0,110	0,301	0,004	0,012	0,134	FALSE
-0,086	0,291	-0,003	0,007	0,149	FALSE
0,129	0,284	0,005	0,012	0,161	FALSE
-0,027	0,300	-0,001	0,008	0,023	FALSE
0,066	0,277	0,002	0,007	0,098	FALSE
0,047	0,279	0,002	0,008	0,082	FALSE
-0,070	0,276	-0,002	0,007	0,087	FALSE
0,072	0,277	0,001	0,007	0,069	FALSE
-0,043	0,284	-0,003	0,012	0,085	FALSE
-0,039	0,305	0,000	0,008	0,020	FALSE
-0,080	0,275	-0,001	0,008	0,059	FALSE
-0,126	0,281	-0,003	0,006	0,165	FALSE
-0,048	0,297	-0,001	0,007	0,045	FALSE
-0,099	0,277	-0,003	0,013	0,079	FALSE
0,052	0,287	0,002	0,008	0,105	FALSE
0,007	0,295	-0,003	0,010	0,102	FALSE
-0,012	0,297	-0,002	0,009	0,087	FALSE
-0,021	0,292	0,001	0,011	0,018	FALSE
0,047	0,276	0,002	0,009	0,073	FALSE
-0,123	0,277	-0,003	0,007	0,189	FALSE
0,066	0,292	0,000	0,009	0,019	FALSE
-0,119	0,282	-0,003	0,006	0,173	FALSE
-0,086	0,279	-0,001	0,007	0,079	FALSE

-0,008	0,283	0,000	0,012	0,003	FALSE
-0,021	0,291	-0,001	0,012	0,021	FALSE
-0,003	0,280	0,002	0,012	0,049	FALSE
0,131	0,283	0,004	0,008	0,172	FALSE
0,093	0,287	0,002	0,009	0,067	FALSE
0,087	0,289	0,005	0,013	0,166	FALSE
-0,093	0,289	-0,001	0,007	0,056	FALSE
0,029	0,286	0,001	0,012	0,038	FALSE
-0,227	0,281	-0,011	0,012	0,445	FALSE
0,061	0,290	0,003	0,013	0,100	FALSE
0,023	0,277	0,000	0,012	0,005	FALSE
0,035	0,291	0,000	0,009	0,009	FALSE
0,064	0,282	0,004	0,009	0,167	FALSE
-0,018	0,296	0,001	0,008	0,031	FALSE
-0,068	0,285	-0,003	0,010	0,099	FALSE
-0,010	0,289	-0,001	0,012	0,027	FALSE
0,053	0,296	0,001	0,010	0,050	FALSE
-0,130	0,295	-0,005	0,011	0,194	FALSE
0,044	0,299	0,001	0,010	0,019	FALSE
0,268	0,294	0,007	0,010	0,331	FALSE
0,089	0,297	0,004	0,012	0,142	FALSE
-0,039	0,294	0,000	0,007	0,016	FALSE
-0,022	0,288	0,000	0,007	0,002	FALSE
0,021	0,285	0,002	0,008	0,094	FALSE
0,059	0,292	0,001	0,007	0,065	FALSE
0,056	0,294	0,002	0,007	0,080	FALSE
0,089	0,287	0,003	0,013	0,075	FALSE
-0,072	0,290	-0,001	0,006	0,050	FALSE
-0,100	0,281	-0,001	0,008	0,066	FALSE
-0,029	0,283	-0,001	0,010	0,023	FALSE
0,023	0,293	0,001	0,011	0,017	FALSE
-0,005	0,291	-0,001	0,007	0,062	FALSE
-0,054	0,290	-0,002	0,008	0,072	FALSE
-0,037	0,301	-0,001	0,008	0,048	FALSE
-0,051	0,287	0,001	0,011	0,034	FALSE
-0,083	0,291	-0,002	0,012	0,052	FALSE
-0,071	0,296	-0,002	0,013	0,047	FALSE
-0,038	0,289	-0,001	0,007	0,045	FALSE
-0,101	0,310	-0,004	0,012	0,145	FALSE
0,018	0,288	0,002	0,010	0,067	FALSE
0,048	0,285	-0,001	0,013	0,031	FALSE
-0,035	0,286	-0,001	0,008	0,045	FALSE
-0,054	0,296	-0,002	0,009	0,068	FALSE
-0,017	0,301	-0,001	0,008	0,032	FALSE
0,109	0,292	0,005	0,013	0,150	FALSE
0,029	0,302	0,000	0,009	0,018	FALSE
-0,159	0,294	-0,005	0,013	0,175	FALSE
0,144	0,314	0,005	0,012	0,179	FALSE
0,076	0,298	0,002	0,008	0,110	FALSE
0,036	0,290	0,000	0,008	0,004	FALSE
0,072	0,296	0,002	0,012	0,049	FALSE
0,097	0,291	0,004	0,013	0,120	FALSE
0,119	0,300	0,004	0,007	0,200	FALSE

-0,053	0,268	0,000	0,007	0,018	FALSE
-0,034	0,293	0,000	0,008	0,014	FALSE
-0,064	0,285	-0,001	0,008	0,029	FALSE
-0,154	0,296	-0,004	0,008	0,181	FALSE
0,000	0,289	0,000	0,007	0,002	FALSE
0,007	0,282	0,000	0,006	0,017	FALSE
0,027	0,300	0,000	0,007	0,012	FALSE
0,002	0,288	0,000	0,007	0,015	FALSE
-0,020	0,297	-0,001	0,006	0,037	FALSE
-0,059	0,289	-0,001	0,008	0,057	FALSE
-0,066	0,310	-0,002	0,009	0,069	FALSE
0,032	0,289	0,000	0,006	0,001	FALSE
-0,133	0,302	-0,004	0,008	0,211	FALSE
-0,012	0,305	0,000	0,007	0,007	FALSE
0,050	0,293	0,000	0,009	0,003	FALSE
-0,022	0,289	0,000	0,013	0,013	FALSE
-0,124	0,299	-0,005	0,013	0,176	FALSE
0,101	0,281	0,002	0,009	0,098	FALSE
0,009	0,300	0,001	0,010	0,019	FALSE
-0,062	0,282	-0,002	0,009	0,062	FALSE
-0,042	0,291	-0,002	0,009	0,065	FALSE
0,021	0,296	0,000	0,008	0,007	FALSE
0,062	0,288	0,002	0,009	0,078	FALSE
-0,021	0,297	-0,001	0,010	0,048	FALSE
-0,112	0,291	-0,003	0,006	0,160	FALSE
0,177	0,266	0,008	0,010	0,376	FALSE
-0,146	0,287	-0,005	0,012	0,156	FALSE
-0,108	0,297	-0,005	0,013	0,138	FALSE
-0,038	0,293	-0,001	0,007	0,075	FALSE
0,026	0,279	0,000	0,009	0,010	FALSE
0,067	0,283	0,002	0,012	0,048	FALSE
0,022	0,297	0,001	0,011	0,044	FALSE
0,075	0,296	0,003	0,008	0,135	FALSE
-0,067	0,284	-0,001	0,010	0,052	FALSE
-0,030	0,292	-0,001	0,009	0,058	FALSE
0,022	0,299	0,002	0,008	0,096	FALSE
0,171	0,290	0,004	0,009	0,186	FALSE
0,073	0,302	0,002	0,011	0,074	FALSE
-0,066	0,276	-0,001	0,008	0,049	FALSE
0,052	0,289	0,003	0,013	0,090	FALSE
-0,082	0,300	-0,002	0,007	0,112	FALSE
-0,008	0,301	0,001	0,007	0,025	FALSE
-0,050	0,289	-0,002	0,013	0,063	FALSE
0,059	0,299	0,003	0,013	0,095	FALSE
0,092	0,289	0,005	0,012	0,155	FALSE
0,121	0,285	0,004	0,009	0,152	FALSE
0,160	0,288	0,005	0,010	0,197	FALSE
0,038	0,292	0,001	0,008	0,038	FALSE
-0,101	0,286	-0,006	0,013	0,202	FALSE
0,115	0,283	0,005	0,011	0,202	FALSE
0,033	0,293	0,000	0,013	0,013	FALSE
-0,032	0,287	0,000	0,007	0,005	FALSE
-0,079	0,295	-0,001	0,007	0,061	FALSE

-0,117	0,281	-0,004	0,008	0,240	FALSE
0,015	0,291	0,000	0,007	0,018	FALSE
-0,016	0,290	-0,001	0,008	0,059	FALSE
-0,007	0,294	-0,001	0,009	0,044	FALSE
0,007	0,281	-0,001	0,008	0,029	FALSE
0,053	0,294	0,002	0,007	0,096	FALSE
0,006	0,277	-0,001	0,008	0,031	FALSE
0,049	0,285	0,003	0,010	0,115	FALSE
0,035	0,298	0,001	0,013	0,024	FALSE
0,091	0,289	0,002	0,008	0,118	FALSE
0,051	0,295	0,001	0,007	0,065	FALSE
0,004	0,284	-0,001	0,008	0,027	FALSE
-0,023	0,298	-0,001	0,012	0,032	FALSE
0,000	0,295	0,000	0,008	0,004	FALSE
0,059	0,282	0,003	0,012	0,099	FALSE
-0,021	0,297	-0,001	0,010	0,042	FALSE
0,075	0,304	0,002	0,010	0,066	FALSE
0,138	0,285	0,004	0,008	0,198	FALSE
-0,039	0,272	-0,003	0,011	0,098	FALSE
-0,047	0,301	-0,003	0,013	0,094	FALSE
0,024	0,286	-0,001	0,013	0,015	FALSE
0,050	0,308	0,002	0,010	0,063	FALSE
0,168	0,296	0,003	0,008	0,164	FALSE
-0,170	0,283	-0,005	0,009	0,247	FALSE
0,066	0,292	0,004	0,011	0,134	FALSE
-0,031	0,282	0,000	0,007	0,001	FALSE
-0,031	0,282	0,000	0,007	0,002	FALSE
-0,063	0,286	-0,002	0,008	0,075	FALSE
0,070	0,281	0,003	0,013	0,075	FALSE
0,011	0,287	0,001	0,007	0,079	FALSE
-0,078	0,271	-0,002	0,011	0,066	FALSE
-0,079	0,300	-0,003	0,008	0,136	FALSE
0,120	0,307	0,004	0,013	0,119	FALSE
0,039	0,293	0,001	0,009	0,054	FALSE
-0,060	0,297	-0,001	0,009	0,045	FALSE
0,124	0,286	0,003	0,008	0,141	FALSE
0,014	0,287	0,000	0,012	0,013	FALSE
-0,070	0,303	-0,002	0,009	0,095	FALSE
0,039	0,285	0,000	0,012	0,006	FALSE
-0,018	0,298	-0,002	0,010	0,070	FALSE
0,139	0,298	0,002	0,008	0,118	FALSE
-0,040	0,265	-0,003	0,009	0,105	FALSE
-0,060	0,278	-0,003	0,011	0,121	FALSE
-0,003	0,287	-0,002	0,013	0,064	FALSE
0,032	0,297	0,001	0,009	0,026	FALSE
-0,096	0,289	-0,002	0,010	0,080	FALSE
0,042	0,297	0,000	0,008	0,013	FALSE
-0,017	0,299	-0,001	0,011	0,041	FALSE
-0,025	0,285	-0,001	0,007	0,075	FALSE
0,085	0,294	0,003	0,010	0,125	FALSE
-0,006	0,292	-0,003	0,013	0,091	FALSE
0,084	0,279	0,001	0,009	0,041	FALSE
-0,038	0,287	-0,001	0,009	0,055	FALSE

0,109	0,294	0,004	0,008	0,200	FALSE
0,040	0,289	0,001	0,007	0,047	FALSE
-0,042	0,300	0,000	0,007	0,002	FALSE
0,011	0,298	0,002	0,009	0,082	FALSE
0,077	0,293	0,001	0,007	0,031	FALSE
-0,049	0,286	-0,001	0,009	0,048	FALSE
-0,046	0,290	0,000	0,009	0,018	FALSE
-0,013	0,296	0,000	0,008	0,013	FALSE
-0,050	0,294	-0,002	0,009	0,071	FALSE
-0,042	0,293	-0,002	0,009	0,070	FALSE
-0,025	0,282	-0,002	0,011	0,063	FALSE
-0,010	0,287	-0,001	0,011	0,044	FALSE
0,003	0,292	-0,001	0,011	0,029	FALSE
-0,021	0,285	-0,002	0,011	0,057	FALSE
0,003	0,296	0,000	0,009	0,008	FALSE
0,012	0,282	-0,001	0,008	0,046	FALSE
-0,021	0,296	-0,001	0,009	0,027	FALSE
-0,006	0,295	0,000	0,009	0,000	FALSE
0,098	0,298	0,003	0,011	0,120	FALSE
0,074	0,286	0,002	0,013	0,048	FALSE
0,025	0,286	-0,001	0,009	0,034	FALSE
-0,212	0,273	-0,004	0,008	0,233	FALSE
0,045	0,280	0,001	0,007	0,053	FALSE
-0,253	0,280	-0,005	0,007	0,332	FALSE
0,137	0,293	0,005	0,009	0,224	FALSE
-0,076	0,291	-0,003	0,010	0,109	FALSE
0,108	0,291	0,004	0,012	0,151	FALSE
-0,011	0,298	0,000	0,009	0,001	FALSE
-0,057	0,283	-0,001	0,008	0,056	FALSE
-0,030	0,296	-0,002	0,012	0,055	FALSE
0,003	0,285	-0,001	0,011	0,035	FALSE
-0,038	0,300	-0,001	0,008	0,066	FALSE
-0,021	0,280	0,000	0,008	0,007	FALSE
0,065	0,296	0,003	0,009	0,140	FALSE
-0,085	0,277	-0,002	0,006	0,155	FALSE
-0,042	0,290	-0,002	0,009	0,085	FALSE
0,071	0,293	0,000	0,011	0,001	FALSE
-0,017	0,285	-0,001	0,008	0,046	FALSE
0,031	0,293	0,000	0,010	0,006	FALSE
0,120	0,289	0,003	0,010	0,123	FALSE
0,035	0,293	0,003	0,013	0,089	FALSE
0,042	0,291	0,002	0,013	0,056	FALSE
0,115	0,289	0,002	0,006	0,158	FALSE
0,086	0,295	0,001	0,007	0,052	FALSE
0,006	0,307	0,000	0,013	0,005	FALSE
-0,008	0,291	-0,001	0,007	0,042	FALSE
-0,086	0,305	-0,003	0,011	0,116	FALSE
-0,038	0,294	-0,002	0,012	0,058	FALSE
0,028	0,283	0,001	0,009	0,047	FALSE
-0,111	0,276	-0,003	0,009	0,107	FALSE
0,080	0,288	0,003	0,009	0,108	FALSE
-0,119	0,287	-0,003	0,007	0,178	FALSE
-0,004	0,288	0,001	0,010	0,051	FALSE

0,101	0,283	0,003	0,007	0,184	FALSE
0,039	0,297	0,003	0,012	0,086	FALSE
0,016	0,295	0,002	0,011	0,068	FALSE
0,002	0,294	-0,001	0,007	0,058	FALSE
0,035	0,289	0,001	0,012	0,035	FALSE
-0,003	0,287	-0,002	0,007	0,121	FALSE
-0,061	0,292	-0,001	0,008	0,058	FALSE
-0,037	0,293	0,000	0,007	0,002	FALSE
0,109	0,290	0,002	0,007	0,113	FALSE
-0,057	0,289	-0,002	0,008	0,096	FALSE
-0,036	0,287	-0,003	0,010	0,103	FALSE
-0,029	0,293	-0,001	0,007	0,067	FALSE
0,048	0,298	0,002	0,011	0,049	FALSE
0,112	0,271	0,006	0,010	0,234	FALSE
-0,092	0,282	-0,003	0,010	0,099	FALSE
-0,068	0,296	-0,002	0,008	0,103	FALSE
0,002	0,288	0,001	0,006	0,050	FALSE
-0,060	0,276	-0,002	0,006	0,139	FALSE
0,009	0,301	-0,002	0,009	0,070	FALSE
-0,034	0,297	-0,001	0,007	0,045	FALSE
0,009	0,294	-0,001	0,013	0,031	FALSE
0,020	0,298	0,002	0,009	0,087	FALSE
-0,059	0,267	-0,002	0,010	0,075	FALSE
0,170	0,274	0,004	0,006	0,304	FALSE
-0,060	0,277	-0,001	0,007	0,080	FALSE
-0,006	0,306	0,002	0,013	0,047	FALSE
0,032	0,298	0,001	0,008	0,048	FALSE
0,016	0,288	0,001	0,010	0,019	FALSE
0,127	0,273	0,003	0,011	0,091	FALSE
0,068	0,293	0,002	0,007	0,107	FALSE
0,004	0,288	0,003	0,011	0,088	FALSE
0,207	0,291	0,006	0,012	0,224	FALSE
0,040	0,305	0,002	0,013	0,070	FALSE
0,024	0,284	0,000	0,012	0,012	FALSE
0,006	0,281	0,000	0,009	0,005	FALSE
-0,095	0,278	-0,002	0,007	0,120	FALSE
0,031	0,278	-0,002	0,009	0,063	FALSE
-0,022	0,291	-0,002	0,007	0,087	FALSE
0,014	0,302	0,002	0,013	0,053	FALSE
-0,030	0,294	-0,002	0,011	0,053	FALSE
-0,020	0,288	0,000	0,011	0,002	FALSE
0,080	0,278	0,000	0,012	0,006	FALSE
0,030	0,293	0,002	0,011	0,075	FALSE
-0,051	0,276	-0,001	0,009	0,048	FALSE
0,040	0,276	0,001	0,009	0,045	FALSE
-0,028	0,294	0,000	0,007	0,017	FALSE
0,047	0,296	0,000	0,007	0,007	FALSE
0,063	0,294	0,002	0,009	0,096	FALSE
-0,094	0,289	-0,002	0,010	0,080	FALSE
-0,049	0,291	0,000	0,007	0,018	FALSE
-0,230	0,275	-0,006	0,008	0,313	FALSE
0,146	0,300	0,003	0,007	0,189	FALSE
-0,018	0,284	0,001	0,012	0,027	FALSE

0,137	0,289	0,002	0,008	0,100	FALSE
-0,097	0,289	-0,003	0,008	0,145	FALSE
0,001	0,292	0,000	0,007	0,020	FALSE
0,041	0,296	0,001	0,012	0,044	FALSE
-0,159	0,288	-0,005	0,007	0,313	FALSE
-0,065	0,286	-0,002	0,008	0,111	FALSE
0,010	0,290	0,000	0,009	0,011	FALSE
-0,030	0,294	0,000	0,013	0,013	FALSE
-0,083	0,300	-0,003	0,008	0,146	FALSE
-0,028	0,284	0,000	0,008	0,017	FALSE
0,037	0,292	0,001	0,010	0,037	FALSE
0,028	0,283	0,001	0,011	0,032	FALSE
0,146	0,282	0,005	0,008	0,240	FALSE
0,003	0,288	0,001	0,007	0,027	FALSE
0,007	0,303	0,001	0,012	0,028	FALSE
-0,042	0,289	-0,001	0,007	0,077	FALSE
-0,003	0,289	0,001	0,012	0,020	FALSE
-0,078	0,297	-0,002	0,008	0,097	FALSE
-0,012	0,290	0,000	0,011	0,012	FALSE
-0,119	0,282	-0,002	0,007	0,119	FALSE
-0,048	0,280	0,000	0,008	0,015	FALSE
0,001	0,286	0,000	0,008	0,003	FALSE
-0,076	0,282	-0,001	0,008	0,024	FALSE
0,081	0,276	0,005	0,010	0,213	FALSE
0,155	0,280	0,005	0,008	0,301	FALSE
-0,031	0,294	-0,001	0,013	0,027	FALSE
-0,067	0,293	-0,002	0,013	0,049	FALSE
-0,059	0,287	-0,001	0,007	0,068	FALSE
-0,064	0,286	-0,001	0,008	0,039	FALSE
-0,083	0,276	-0,002	0,010	0,072	FALSE
-0,082	0,280	-0,002	0,010	0,057	FALSE
-0,106	0,278	-0,003	0,011	0,107	FALSE
-0,061	0,274	-0,001	0,009	0,021	FALSE
-0,125	0,294	-0,004	0,013	0,121	FALSE
0,184	0,272	0,005	0,009	0,252	FALSE
0,088	0,291	0,001	0,006	0,077	FALSE
0,141	0,276	0,002	0,008	0,118	FALSE
0,015	0,302	-0,001	0,009	0,036	FALSE
-0,158	0,287	-0,006	0,011	0,239	FALSE
-0,099	0,291	-0,003	0,009	0,140	FALSE
0,018	0,272	0,000	0,007	0,012	FALSE
-0,028	0,299	-0,002	0,009	0,083	FALSE
0,072	0,291	0,001	0,007	0,037	FALSE
-0,177	0,282	-0,006	0,013	0,198	FALSE
0,001	0,291	0,000	0,012	0,000	FALSE
0,036	0,300	0,000	0,009	0,017	FALSE
-0,124	0,276	-0,003	0,007	0,206	FALSE
-0,116	0,290	-0,002	0,009	0,098	FALSE
-0,067	0,283	-0,001	0,010	0,040	FALSE
0,013	0,299	0,001	0,010	0,027	FALSE
0,207	0,273	0,010	0,012	0,362	FALSE
-0,006	0,292	-0,001	0,010	0,027	FALSE
-0,002	0,285	-0,001	0,007	0,043	FALSE

0,169	0,285	0,005	0,008	0,307	FALSE
0,014	0,281	0,001	0,013	0,021	FALSE
0,112	0,285	0,004	0,011	0,160	FALSE
-0,084	0,295	-0,004	0,013	0,120	FALSE
-0,108	0,286	-0,004	0,013	0,133	FALSE
0,214	0,280	0,008	0,012	0,286	FALSE
-0,129	0,287	-0,004	0,012	0,138	FALSE
0,005	0,293	0,000	0,007	0,004	FALSE
-0,017	0,288	0,000	0,007	0,008	FALSE
0,013	0,287	0,002	0,010	0,076	FALSE
-0,068	0,280	-0,005	0,009	0,198	FALSE
0,085	0,293	0,003	0,013	0,100	FALSE
-0,073	0,288	-0,003	0,013	0,082	FALSE
0,090	0,295	0,003	0,009	0,155	FALSE
0,056	0,289	0,001	0,009	0,028	FALSE
0,031	0,283	0,000	0,008	0,018	FALSE
0,168	0,287	0,006	0,012	0,183	FALSE
-0,089	0,296	-0,002	0,011	0,081	FALSE
0,114	0,289	0,003	0,008	0,132	FALSE
0,214	0,287	0,009	0,013	0,303	FALSE
0,218	0,293	0,008	0,013	0,291	FALSE
0,102	0,290	0,002	0,007	0,111	FALSE
-0,068	0,303	-0,002	0,012	0,055	FALSE
-0,079	0,283	-0,002	0,011	0,069	FALSE
-0,016	0,291	-0,001	0,011	0,023	FALSE
0,040	0,275	0,001	0,010	0,045	FALSE
-0,023	0,296	-0,002	0,012	0,053	FALSE
0,075	0,272	0,003	0,011	0,111	FALSE
0,004	0,291	-0,002	0,007	0,080	FALSE
0,014	0,305	0,000	0,010	0,010	FALSE
0,129	0,295	0,005	0,012	0,157	FALSE
0,117	0,313	0,005	0,013	0,162	FALSE
-0,032	0,287	-0,002	0,008	0,077	FALSE
-0,041	0,297	-0,002	0,013	0,057	FALSE
-0,012	0,282	0,000	0,012	0,001	FALSE
-0,127	0,281	-0,004	0,009	0,179	FALSE
-0,026	0,287	-0,001	0,011	0,038	FALSE
0,030	0,285	0,001	0,010	0,037	FALSE
0,122	0,287	0,003	0,013	0,085	FALSE
0,024	0,288	0,002	0,009	0,098	FALSE
0,092	0,284	0,002	0,006	0,128	FALSE
-0,049	0,282	-0,002	0,006	0,108	FALSE
0,067	0,292	0,002	0,007	0,130	FALSE
-0,050	0,293	-0,002	0,012	0,078	FALSE
-0,029	0,281	0,001	0,008	0,031	FALSE
0,086	0,285	0,002	0,010	0,076	FALSE
-0,028	0,304	-0,001	0,008	0,046	FALSE
0,036	0,289	0,001	0,007	0,040	FALSE
0,129	0,297	0,003	0,008	0,136	FALSE
-0,035	0,304	0,000	0,007	0,020	FALSE
-0,033	0,292	-0,001	0,010	0,038	FALSE
0,035	0,287	0,001	0,008	0,029	FALSE
0,031	0,294	-0,001	0,010	0,035	FALSE

-0,010	0,292	-0,002	0,008	0,068	FALSE
-0,030	0,293	-0,002	0,009	0,099	FALSE
0,022	0,289	0,000	0,006	0,027	FALSE
0,011	0,292	0,000	0,012	0,007	FALSE
0,053	0,292	0,003	0,010	0,121	FALSE
0,104	0,274	0,000	0,010	0,018	FALSE
0,059	0,295	0,002	0,012	0,047	FALSE
0,069	0,275	0,002	0,012	0,072	FALSE
-0,080	0,299	-0,002	0,010	0,080	FALSE
0,024	0,307	0,001	0,010	0,027	FALSE
-0,063	0,293	-0,003	0,013	0,072	FALSE
-0,111	0,291	-0,002	0,009	0,092	FALSE
0,038	0,290	0,001	0,009	0,057	FALSE
-0,061	0,290	-0,001	0,007	0,059	FALSE
0,047	0,285	0,001	0,009	0,030	FALSE
-0,114	0,299	-0,002	0,007	0,134	FALSE
0,082	0,294	0,001	0,008	0,045	FALSE
-0,129	0,271	-0,004	0,008	0,218	FALSE
-0,117	0,295	-0,004	0,012	0,138	FALSE
0,116	0,293	0,002	0,007	0,137	FALSE
-0,050	0,286	0,000	0,010	0,002	FALSE
0,033	0,292	-0,001	0,011	0,019	FALSE
0,176	0,271	0,006	0,009	0,281	FALSE
0,066	0,294	0,002	0,011	0,058	FALSE
0,167	0,286	0,005	0,010	0,198	FALSE
-0,045	0,301	-0,003	0,008	0,125	FALSE
0,030	0,295	0,000	0,013	0,001	FALSE
-0,114	0,289	-0,005	0,012	0,171	FALSE
-0,008	0,297	-0,001	0,011	0,046	FALSE
-0,005	0,295	0,000	0,008	0,001	FALSE
0,008	0,295	0,000	0,012	0,006	FALSE
0,095	0,286	0,003	0,012	0,111	FALSE
0,085	0,283	0,001	0,008	0,028	FALSE
-0,011	0,298	0,000	0,008	0,003	FALSE
-0,078	0,302	-0,003	0,013	0,093	FALSE
0,094	0,285	0,003	0,007	0,179	FALSE
0,011	0,297	-0,001	0,007	0,053	FALSE
-0,125	0,275	-0,005	0,009	0,219	FALSE
-0,096	0,280	-0,004	0,010	0,160	FALSE
0,124	0,304	0,003	0,009	0,129	FALSE
-0,046	0,306	-0,002	0,008	0,070	FALSE
0,053	0,291	0,000	0,007	0,007	FALSE
-0,006	0,296	0,000	0,012	0,003	FALSE
-0,013	0,279	0,001	0,009	0,042	FALSE
0,031	0,288	0,002	0,009	0,089	FALSE
0,042	0,294	0,001	0,013	0,029	FALSE
-0,030	0,291	0,000	0,009	0,015	FALSE
0,060	0,293	0,003	0,009	0,131	FALSE
-0,055	0,276	-0,002	0,007	0,110	FALSE
0,177	0,298	0,007	0,013	0,234	FALSE
0,061	0,291	0,002	0,011	0,058	FALSE
-0,065	0,276	-0,004	0,010	0,143	FALSE
-0,007	0,288	-0,001	0,011	0,031	FALSE

-0,030	0,291	-0,002	0,011	0,054	FALSE
0,023	0,292	0,000	0,011	0,011	FALSE
-0,034	0,291	0,000	0,010	0,008	FALSE
0,035	0,278	-0,002	0,013	0,045	FALSE
0,043	0,301	0,001	0,013	0,023	FALSE
0,033	0,287	-0,001	0,006	0,057	FALSE
0,160	0,287	0,004	0,007	0,246	FALSE
0,045	0,289	0,002	0,013	0,073	FALSE
-0,032	0,281	-0,001	0,006	0,063	FALSE
0,006	0,284	0,000	0,008	0,004	FALSE
0,070	0,293	0,001	0,007	0,046	FALSE
0,051	0,286	0,002	0,009	0,097	FALSE
0,007	0,294	0,000	0,007	0,008	FALSE
-0,065	0,293	-0,003	0,013	0,086	FALSE
-0,037	0,298	-0,002	0,013	0,061	FALSE
-0,030	0,290	-0,002	0,009	0,068	FALSE
0,016	0,300	0,000	0,008	0,021	FALSE
0,096	0,299	0,004	0,013	0,123	FALSE
0,112	0,286	0,003	0,006	0,226	FALSE
0,036	0,306	0,001	0,008	0,024	FALSE
0,007	0,278	0,002	0,010	0,062	FALSE
0,011	0,307	0,000	0,008	0,009	FALSE
0,068	0,290	0,002	0,010	0,076	FALSE
-0,072	0,278	-0,002	0,009	0,066	FALSE
0,115	0,295	0,003	0,010	0,127	FALSE
-0,047	0,296	-0,002	0,011	0,057	FALSE
0,034	0,297	0,000	0,006	0,002	FALSE
0,040	0,292	0,000	0,008	0,004	FALSE
0,016	0,284	0,001	0,008	0,065	FALSE
-0,090	0,281	-0,002	0,011	0,059	FALSE
-0,140	0,302	-0,005	0,010	0,186	FALSE
-0,054	0,305	-0,001	0,009	0,028	FALSE
-0,010	0,289	0,000	0,009	0,020	FALSE
0,075	0,294	0,001	0,008	0,058	FALSE
-0,053	0,285	0,000	0,008	0,000	FALSE
0,019	0,303	0,000	0,010	0,008	FALSE
-0,061	0,294	-0,002	0,007	0,103	FALSE
-0,129	0,294	-0,002	0,007	0,149	FALSE
-0,023	0,289	0,001	0,009	0,039	FALSE
0,124	0,299	0,005	0,010	0,201	FALSE
-0,002	0,297	0,001	0,013	0,031	FALSE
0,009	0,304	0,002	0,013	0,042	FALSE
-0,020	0,286	0,002	0,012	0,059	FALSE
-0,036	0,296	0,000	0,006	0,010	FALSE
-0,041	0,293	0,000	0,006	0,004	FALSE
-0,044	0,296	0,000	0,006	0,004	FALSE
-0,103	0,292	-0,003	0,009	0,146	FALSE
0,197	0,274	0,004	0,008	0,184	FALSE
-0,057	0,289	0,000	0,007	0,022	FALSE
-0,154	0,278	-0,003	0,007	0,163	FALSE
0,031	0,279	0,002	0,011	0,068	FALSE
-0,061	0,278	-0,003	0,010	0,102	FALSE
-0,082	0,289	-0,001	0,007	0,075	FALSE

-0,014	0,300	0,000	0,012	0,012	FALSE
-0,033	0,288	-0,002	0,013	0,049	FALSE
-0,008	0,295	0,001	0,012	0,028	FALSE
0,093	0,279	0,001	0,006	0,089	FALSE
-0,199	0,281	-0,006	0,009	0,307	FALSE
-0,030	0,283	-0,002	0,009	0,105	FALSE
-0,168	0,279	-0,008	0,012	0,304	FALSE
0,150	0,286	0,005	0,008	0,248	FALSE
0,002	0,291	0,000	0,009	0,002	FALSE
0,074	0,288	0,000	0,008	0,018	FALSE
0,067	0,299	0,001	0,008	0,031	FALSE
-0,033	0,300	-0,002	0,008	0,108	FALSE
0,032	0,291	0,004	0,011	0,155	FALSE
0,138	0,284	0,005	0,010	0,200	FALSE
0,072	0,297	0,003	0,012	0,103	FALSE
-0,054	0,299	-0,003	0,011	0,114	FALSE
-0,105	0,285	-0,005	0,011	0,212	FALSE
0,111	0,281	0,004	0,010	0,140	FALSE
0,030	0,287	0,001	0,008	0,034	FALSE
-0,092	0,289	-0,004	0,012	0,132	FALSE
0,020	0,295	0,000	0,009	0,006	FALSE
0,027	0,293	-0,001	0,007	0,028	FALSE
0,145	0,291	0,003	0,007	0,178	FALSE
0,040	0,295	0,001	0,008	0,057	FALSE
0,093	0,272	0,002	0,009	0,095	FALSE
0,127	0,293	0,003	0,009	0,138	FALSE
0,190	0,287	0,003	0,009	0,163	FALSE
-0,014	0,300	0,001	0,012	0,023	FALSE
-0,110	0,289	-0,002	0,006	0,123	FALSE
-0,178	0,280	-0,005	0,008	0,305	FALSE
0,043	0,284	0,001	0,006	0,048	FALSE
0,030	0,295	0,001	0,012	0,026	FALSE
0,046	0,299	0,002	0,013	0,045	FALSE
0,219	0,286	0,006	0,008	0,306	FALSE
-0,055	0,284	-0,001	0,010	0,053	FALSE
-0,050	0,292	-0,001	0,010	0,021	FALSE
0,073	0,302	0,001	0,007	0,083	FALSE
0,031	0,290	0,000	0,011	0,002	FALSE
0,052	0,295	0,001	0,007	0,073	FALSE
0,057	0,289	0,001	0,010	0,026	FALSE
0,033	0,278	0,002	0,009	0,065	FALSE
0,018	0,291	-0,002	0,010	0,082	FALSE
-0,051	0,293	0,000	0,007	0,018	FALSE
-0,010	0,288	0,000	0,007	0,005	FALSE
-0,158	0,296	-0,007	0,011	0,266	FALSE
0,078	0,280	0,003	0,008	0,153	FALSE
-0,158	0,281	-0,003	0,006	0,222	FALSE
0,193	0,288	0,008	0,012	0,295	FALSE
-0,048	0,293	-0,001	0,009	0,052	FALSE
0,018	0,290	0,002	0,011	0,079	FALSE
0,066	0,283	0,003	0,011	0,119	FALSE
0,033	0,308	0,000	0,009	0,016	FALSE
-0,040	0,287	-0,001	0,007	0,041	FALSE

0,026	0,282	0,001	0,007	0,034	FALSE
0,051	0,293	0,001	0,007	0,035	FALSE
-0,072	0,299	-0,003	0,010	0,126	FALSE
-0,123	0,286	-0,008	0,012	0,266	FALSE
-0,013	0,291	0,001	0,008	0,031	FALSE
0,016	0,285	0,000	0,011	0,014	FALSE
0,054	0,284	0,002	0,008	0,078	FALSE
-0,091	0,299	-0,003	0,011	0,123	FALSE
0,134	0,300	0,005	0,009	0,229	FALSE
0,012	0,293	-0,001	0,010	0,048	FALSE
0,166	0,286	0,007	0,011	0,257	FALSE
-0,009	0,288	-0,001	0,012	0,028	FALSE
0,009	0,279	0,002	0,012	0,059	FALSE
0,018	0,296	-0,001	0,007	0,032	FALSE
0,124	0,293	0,003	0,010	0,115	FALSE
0,114	0,289	0,004	0,013	0,130	FALSE
0,120	0,291	0,002	0,008	0,102	FALSE
0,074	0,301	0,001	0,010	0,055	FALSE
-0,017	0,300	-0,001	0,013	0,027	FALSE
0,079	0,280	0,002	0,009	0,093	FALSE
-0,061	0,297	-0,002	0,012	0,047	FALSE
-0,061	0,294	-0,001	0,012	0,030	FALSE
-0,223	0,273	-0,005	0,010	0,230	FALSE
0,064	0,285	0,001	0,012	0,030	FALSE
-0,033	0,292	-0,002	0,009	0,070	FALSE
-0,096	0,296	-0,004	0,012	0,136	FALSE
0,084	0,283	0,003	0,009	0,139	FALSE
0,073	0,302	0,003	0,009	0,130	FALSE
0,192	0,289	0,006	0,010	0,270	FALSE
-0,079	0,300	-0,003	0,014	0,080	FALSE
0,119	0,279	0,003	0,011	0,107	FALSE
-0,055	0,282	0,001	0,007	0,030	FALSE
0,074	0,292	0,002	0,012	0,071	FALSE
-0,027	0,295	0,000	0,010	0,000	FALSE
-0,161	0,286	-0,006	0,013	0,200	FALSE
0,056	0,285	-0,001	0,008	0,035	FALSE
0,224	0,276	0,007	0,013	0,225	FALSE
0,079	0,305	0,002	0,011	0,083	FALSE
0,118	0,290	0,004	0,011	0,154	FALSE
0,000	0,285	-0,001	0,012	0,023	FALSE
0,053	0,293	0,001	0,008	0,036	FALSE
-0,030	0,297	-0,003	0,011	0,113	FALSE
-0,027	0,298	-0,002	0,012	0,060	FALSE
0,102	0,295	0,002	0,011	0,085	FALSE
-0,145	0,290	-0,002	0,008	0,104	FALSE
0,059	0,290	0,004	0,011	0,136	FALSE
0,064	0,304	0,001	0,009	0,062	FALSE
-0,071	0,297	-0,003	0,011	0,114	FALSE
0,101	0,301	0,005	0,011	0,212	FALSE
0,069	0,303	0,002	0,008	0,088	FALSE
-0,062	0,291	-0,002	0,009	0,093	FALSE
0,006	0,288	0,001	0,007	0,039	FALSE
0,064	0,291	0,003	0,011	0,121	FALSE

-0,016	0,283	0,001	0,013	0,027	FALSE
-0,052	0,280	-0,001	0,013	0,018	FALSE
-0,034	0,271	0,000	0,012	0,005	FALSE
0,012	0,287	-0,001	0,013	0,026	FALSE
0,000	0,293	0,002	0,012	0,058	FALSE
-0,060	0,303	-0,003	0,013	0,075	FALSE
0,005	0,290	0,001	0,010	0,022	FALSE
-0,037	0,280	-0,001	0,009	0,025	FALSE
-0,073	0,297	-0,004	0,014	0,104	FALSE
0,059	0,295	0,002	0,010	0,078	FALSE
-0,029	0,275	-0,001	0,009	0,024	FALSE
-0,048	0,306	0,000	0,013	0,012	FALSE
-0,143	0,291	-0,003	0,008	0,133	FALSE
0,010	0,297	-0,001	0,009	0,024	FALSE
0,038	0,293	0,000	0,008	0,010	FALSE
0,009	0,291	0,000	0,007	0,017	FALSE
-0,045	0,291	-0,003	0,011	0,102	FALSE
-0,005	0,299	-0,002	0,012	0,062	FALSE
0,136	0,288	0,005	0,010	0,194	FALSE
-0,052	0,278	-0,001	0,013	0,032	FALSE
0,072	0,279	0,002	0,007	0,117	FALSE
0,116	0,283	0,005	0,012	0,171	FALSE
0,095	0,287	0,003	0,006	0,176	FALSE
-0,039	0,286	-0,001	0,006	0,062	FALSE
0,054	0,287	0,000	0,006	0,027	FALSE
-0,023	0,308	-0,001	0,013	0,031	FALSE
0,007	0,294	-0,001	0,013	0,039	FALSE
-0,009	0,290	-0,001	0,007	0,047	FALSE
0,028	0,289	0,000	0,012	0,000	FALSE
-0,059	0,292	-0,001	0,007	0,054	FALSE
0,079	0,297	0,002	0,007	0,100	FALSE
0,081	0,301	0,004	0,011	0,139	FALSE
-0,138	0,268	-0,005	0,011	0,184	FALSE
-0,092	0,278	-0,003	0,012	0,106	FALSE
-0,115	0,280	-0,006	0,012	0,215	FALSE
-0,152	0,285	-0,005	0,009	0,225	FALSE
0,037	0,282	0,003	0,011	0,119	FALSE
-0,144	0,281	-0,005	0,009	0,236	TRUE
0,184	0,283	0,009	0,011	0,353	FALSE
-0,086	0,278	-0,003	0,011	0,085	FALSE
0,092	0,285	0,003	0,010	0,119	FALSE
-0,018	0,288	-0,001	0,009	0,026	FALSE
-0,088	0,300	-0,004	0,012	0,119	FALSE
0,047	0,292	0,002	0,013	0,058	FALSE
0,104	0,290	0,004	0,012	0,122	FALSE
-0,083	0,287	-0,005	0,011	0,161	FALSE
-0,071	0,296	-0,002	0,007	0,090	FALSE
-0,080	0,298	-0,003	0,013	0,075	FALSE
-0,012	0,283	-0,003	0,011	0,101	FALSE
-0,094	0,278	-0,001	0,009	0,042	FALSE
-0,115	0,297	-0,002	0,008	0,124	FALSE
0,142	0,293	0,005	0,011	0,169	FALSE
-0,126	0,289	-0,003	0,008	0,131	FALSE

0,045	0,293	0,001	0,009	0,021	FALSE
0,034	0,292	0,001	0,013	0,041	FALSE
-0,010	0,296	-0,002	0,013	0,045	FALSE
0,200	0,289	0,005	0,009	0,272	FALSE
0,079	0,290	0,001	0,010	0,034	FALSE
0,089	0,278	0,001	0,009	0,056	FALSE
0,051	0,293	0,002	0,008	0,077	FALSE
0,086	0,283	0,002	0,012	0,049	FALSE
0,075	0,288	0,001	0,012	0,039	FALSE
0,060	0,292	0,001	0,012	0,016	FALSE
-0,016	0,290	0,000	0,006	0,010	FALSE
-0,042	0,289	-0,002	0,009	0,067	FALSE
0,047	0,297	0,002	0,009	0,085	FALSE
-0,053	0,292	-0,001	0,009	0,040	FALSE
-0,020	0,280	0,000	0,011	0,008	FALSE
0,007	0,293	0,001	0,011	0,024	FALSE
0,035	0,294	0,001	0,012	0,039	FALSE
0,081	0,292	0,002	0,008	0,090	FALSE
-0,028	0,289	-0,001	0,011	0,029	FALSE
0,023	0,291	0,001	0,012	0,032	FALSE
0,165	0,295	0,004	0,007	0,224	FALSE
0,050	0,287	0,002	0,008	0,091	FALSE
0,086	0,281	0,002	0,007	0,114	FALSE
0,056	0,291	0,001	0,010	0,032	FALSE
-0,075	0,279	-0,001	0,013	0,016	FALSE
-0,039	0,283	-0,002	0,007	0,087	FALSE
-0,005	0,284	0,000	0,009	0,007	FALSE
-0,038	0,306	-0,001	0,008	0,035	FALSE
-0,064	0,289	-0,001	0,008	0,067	FALSE
-0,015	0,282	0,000	0,010	0,005	FALSE
0,183	0,284	0,006	0,011	0,253	FALSE
-0,041	0,293	0,000	0,012	0,008	FALSE
0,007	0,291	0,000	0,012	0,005	FALSE
-0,123	0,299	-0,006	0,012	0,213	FALSE
-0,119	0,278	-0,002	0,007	0,112	FALSE
-0,120	0,291	-0,007	0,012	0,246	FALSE
-0,084	0,298	-0,005	0,012	0,161	FALSE
-0,011	0,302	0,000	0,013	0,004	FALSE
0,106	0,300	0,004	0,013	0,128	FALSE
0,167	0,291	0,007	0,012	0,241	FALSE
0,100	0,281	0,004	0,010	0,164	FALSE
-0,057	0,293	0,000	0,009	0,005	FALSE
0,061	0,293	0,003	0,012	0,097	FALSE
0,075	0,281	0,004	0,012	0,135	FALSE
0,080	0,295	0,003	0,013	0,097	FALSE
-0,147	0,291	-0,005	0,011	0,191	FALSE
0,071	0,274	0,003	0,011	0,120	FALSE
0,042	0,293	0,001	0,011	0,046	FALSE
-0,043	0,302	-0,002	0,013	0,045	FALSE
-0,149	0,292	-0,004	0,013	0,120	FALSE
0,160	0,286	0,005	0,010	0,241	FALSE
0,160	0,286	0,005	0,010	0,223	FALSE
-0,073	0,279	-0,002	0,013	0,044	FALSE

-0,015	0,275	-0,001	0,011	0,035	FALSE
0,029	0,302	0,000	0,010	0,004	FALSE
-0,079	0,290	-0,004	0,009	0,159	FALSE
-0,001	0,283	-0,002	0,009	0,086	FALSE
0,089	0,290	0,004	0,010	0,155	FALSE
0,068	0,307	0,003	0,010	0,111	FALSE
-0,126	0,286	-0,005	0,011	0,172	FALSE
-0,082	0,289	-0,005	0,012	0,165	FALSE
0,045	0,288	-0,001	0,013	0,016	FALSE
0,166	0,293	0,002	0,007	0,123	FALSE
0,136	0,290	0,003	0,009	0,145	FALSE
-0,117	0,275	-0,003	0,011	0,102	FALSE
-0,085	0,300	-0,002	0,007	0,109	FALSE
0,008	0,297	0,000	0,006	0,024	FALSE
0,122	0,272	0,005	0,008	0,288	FALSE
0,088	0,282	0,004	0,008	0,197	FALSE
0,042	0,276	0,000	0,012	0,006	FALSE
0,061	0,294	0,000	0,013	0,012	FALSE
0,053	0,287	0,000	0,013	0,008	FALSE
0,100	0,291	0,002	0,013	0,066	FALSE
0,057	0,293	0,003	0,009	0,138	FALSE
-0,017	0,302	0,000	0,013	0,001	FALSE
0,164	0,288	0,007	0,012	0,274	FALSE
0,175	0,269	0,007	0,011	0,291	FALSE
0,183	0,282	0,008	0,012	0,321	FALSE
-0,178	0,274	-0,008	0,010	0,380	FALSE
0,159	0,280	0,007	0,011	0,276	FALSE
0,165	0,289	0,008	0,012	0,293	FALSE
0,151	0,285	0,007	0,012	0,252	FALSE
-0,014	0,294	-0,001	0,006	0,076	FALSE
0,004	0,297	-0,001	0,007	0,045	FALSE
-0,019	0,280	-0,001	0,007	0,060	FALSE
0,009	0,307	0,000	0,010	0,015	FALSE
0,116	0,296	0,003	0,007	0,197	FALSE
0,078	0,297	0,004	0,009	0,175	FALSE
0,090	0,295	0,003	0,007	0,161	FALSE
-0,066	0,279	-0,001	0,008	0,042	FALSE
-0,028	0,291	0,000	0,007	0,006	FALSE
0,070	0,288	0,002	0,012	0,069	FALSE
-0,046	0,288	-0,002	0,012	0,047	FALSE
0,057	0,275	0,004	0,013	0,127	FALSE
-0,022	0,271	-0,002	0,012	0,060	FALSE
0,084	0,281	0,002	0,007	0,132	FALSE
0,100	0,295	0,003	0,011	0,102	FALSE
-0,030	0,298	-0,002	0,012	0,053	FALSE
0,080	0,304	0,003	0,013	0,098	FALSE
0,033	0,296	0,001	0,012	0,043	FALSE
0,087	0,311	0,002	0,010	0,082	FALSE
-0,024	0,289	0,000	0,007	0,025	FALSE
-0,189	0,286	-0,004	0,009	0,204	FALSE
0,036	0,290	0,000	0,007	0,023	FALSE
0,151	0,281	0,007	0,013	0,246	FALSE
0,161	0,269	0,008	0,012	0,268	FALSE

0,180	0,285	0,008	0,013	0,292	FALSE
0,153	0,280	0,005	0,008	0,290	FALSE
-0,151	0,288	-0,004	0,008	0,181	FALSE
-0,141	0,283	-0,004	0,008	0,180	FALSE
-0,002	0,294	-0,002	0,010	0,055	FALSE
0,018	0,300	0,000	0,008	0,009	FALSE
-0,185	0,297	-0,009	0,012	0,344	FALSE
-0,140	0,281	-0,003	0,011	0,125	FALSE
0,034	0,307	0,001	0,011	0,032	FALSE
-0,025	0,288	0,000	0,007	0,015	FALSE
-0,060	0,301	-0,001	0,011	0,046	FALSE
-0,015	0,277	0,002	0,011	0,051	FALSE
-0,057	0,297	-0,003	0,011	0,088	FALSE
-0,012	0,287	-0,002	0,012	0,050	FALSE
0,041	0,287	0,001	0,008	0,042	FALSE
-0,033	0,285	-0,001	0,011	0,037	FALSE
-0,125	0,290	-0,004	0,009	0,173	FALSE
-0,106	0,278	-0,003	0,011	0,110	FALSE
-0,021	0,288	-0,001	0,007	0,076	FALSE
-0,071	0,285	-0,005	0,012	0,173	FALSE
0,073	0,286	0,001	0,008	0,063	FALSE
-0,072	0,300	-0,003	0,009	0,118	FALSE
-0,028	0,273	0,000	0,007	0,009	FALSE
0,057	0,285	0,000	0,012	0,012	FALSE
0,001	0,292	0,000	0,009	0,003	FALSE
0,015	0,284	0,000	0,013	0,000	FALSE
-0,123	0,280	-0,005	0,011	0,199	FALSE
0,073	0,302	0,002	0,009	0,089	FALSE
0,075	0,280	0,002	0,009	0,103	FALSE
-0,021	0,288	-0,001	0,009	0,053	FALSE
0,089	0,290	0,003	0,009	0,114	FALSE
0,087	0,288	0,002	0,009	0,098	FALSE
0,126	0,279	0,004	0,010	0,182	FALSE
-0,055	0,290	-0,002	0,011	0,071	FALSE
-0,084	0,285	-0,002	0,013	0,045	FALSE
-0,084	0,289	-0,003	0,007	0,148	FALSE
-0,110	0,287	-0,003	0,009	0,129	FALSE
0,078	0,288	0,002	0,013	0,045	FALSE
0,048	0,282	0,001	0,007	0,027	FALSE
-0,001	0,298	0,000	0,010	0,009	FALSE
0,002	0,290	-0,001	0,013	0,018	FALSE
0,062	0,303	0,003	0,012	0,091	FALSE
-0,052	0,292	0,000	0,007	0,019	FALSE
0,015	0,285	0,000	0,009	0,016	FALSE
-0,007	0,289	-0,001	0,011	0,034	FALSE
0,065	0,269	0,001	0,011	0,018	FALSE
0,059	0,286	0,001	0,007	0,034	FALSE
0,021	0,277	0,000	0,006	0,022	FALSE
0,093	0,294	0,002	0,007	0,124	FALSE
-0,032	0,294	0,000	0,013	0,011	FALSE
-0,050	0,279	-0,001	0,012	0,033	FALSE
0,038	0,283	0,001	0,009	0,023	FALSE
0,024	0,267	0,002	0,011	0,061	FALSE

-0,075	0,297	-0,001	0,008	0,054	FALSE
-0,155	0,286	-0,004	0,009	0,195	FALSE
0,040	0,287	0,002	0,011	0,052	FALSE
-0,016	0,287	0,000	0,007	0,019	FALSE
-0,030	0,277	-0,001	0,008	0,048	FALSE
0,016	0,290	0,001	0,009	0,048	FALSE
0,053	0,275	0,004	0,012	0,151	FALSE
0,126	0,288	0,003	0,007	0,166	FALSE
-0,041	0,295	-0,001	0,008	0,046	FALSE
-0,037	0,289	0,000	0,009	0,015	FALSE
-0,053	0,283	-0,001	0,007	0,070	FALSE
-0,008	0,301	0,000	0,008	0,013	FALSE
-0,177	0,288	-0,006	0,010	0,241	FALSE
0,075	0,278	0,005	0,013	0,144	FALSE
-0,032	0,288	-0,001	0,012	0,029	FALSE
-0,026	0,290	0,000	0,008	0,008	FALSE
-0,050	0,288	-0,001	0,008	0,024	FALSE
0,140	0,286	0,003	0,008	0,133	FALSE
0,132	0,298	0,006	0,011	0,209	FALSE
0,118	0,279	0,003	0,007	0,163	FALSE
0,026	0,287	0,001	0,007	0,032	FALSE
0,062	0,279	0,003	0,012	0,108	FALSE
-0,113	0,289	-0,004	0,010	0,164	FALSE
0,069	0,294	0,003	0,007	0,193	FALSE
0,079	0,291	0,003	0,012	0,080	FALSE
-0,050	0,295	0,000	0,009	0,014	FALSE
-0,032	0,290	-0,002	0,010	0,088	FALSE
0,025	0,278	0,000	0,006	0,011	FALSE
0,101	0,307	0,002	0,008	0,108	FALSE
-0,096	0,284	-0,005	0,012	0,161	FALSE
-0,021	0,294	-0,002	0,012	0,064	FALSE
-0,007	0,271	-0,001	0,013	0,017	FALSE
-0,102	0,290	-0,004	0,012	0,122	FALSE
0,011	0,282	0,000	0,006	0,011	FALSE
0,162	0,288	0,005	0,011	0,209	FALSE
0,123	0,274	0,005	0,012	0,156	FALSE
-0,053	0,300	-0,001	0,007	0,071	FALSE
0,000	0,284	0,000	0,013	0,002	FALSE
0,201	0,276	0,008	0,011	0,328	FALSE
-0,055	0,278	-0,002	0,008	0,088	FALSE
-0,044	0,279	-0,001	0,012	0,015	FALSE
0,087	0,282	0,003	0,012	0,077	FALSE
0,084	0,265	0,001	0,006	0,076	FALSE
-0,054	0,290	0,000	0,012	0,004	FALSE
0,019	0,288	0,001	0,008	0,052	FALSE
0,022	0,293	0,001	0,012	0,025	FALSE
0,031	0,284	0,001	0,010	0,043	FALSE
-0,033	0,309	-0,001	0,013	0,021	FALSE
0,008	0,296	0,000	0,010	0,001	FALSE
0,007	0,283	0,000	0,010	0,014	FALSE
0,091	0,298	0,002	0,007	0,118	FALSE
-0,093	0,285	-0,004	0,012	0,142	FALSE
-0,170	0,282	-0,003	0,006	0,215	FALSE

-0,094	0,286	-0,004	0,010	0,159	FALSE
0,102	0,275	0,002	0,006	0,150	FALSE
-0,075	0,290	-0,002	0,011	0,072	FALSE
0,032	0,293	0,000	0,012	0,011	FALSE
0,148	0,278	0,007	0,011	0,294	FALSE
0,058	0,297	0,002	0,010	0,092	FALSE
0,145	0,290	0,005	0,008	0,269	FALSE
0,037	0,297	0,002	0,011	0,077	FALSE
0,103	0,292	0,003	0,010	0,110	FALSE
0,115	0,278	0,002	0,008	0,110	FALSE
0,018	0,293	0,000	0,010	0,016	FALSE
0,052	0,301	0,001	0,011	0,040	FALSE
0,149	0,287	0,004	0,010	0,155	FALSE
0,032	0,286	0,001	0,008	0,071	FALSE
0,158	0,275	0,005	0,008	0,252	FALSE
-0,008	0,284	0,000	0,009	0,019	FALSE
0,044	0,300	0,002	0,012	0,067	FALSE
0,029	0,278	0,000	0,008	0,002	FALSE
0,018	0,288	0,000	0,007	0,008	FALSE
-0,014	0,297	-0,001	0,012	0,022	FALSE
-0,104	0,283	-0,003	0,008	0,128	FALSE
0,099	0,283	0,003	0,010	0,116	FALSE
-0,029	0,290	-0,001	0,013	0,036	FALSE
-0,001	0,283	-0,002	0,013	0,058	FALSE
-0,077	0,284	-0,001	0,009	0,037	FALSE
-0,099	0,287	-0,003	0,013	0,100	FALSE
-0,147	0,284	-0,004	0,011	0,138	FALSE
-0,020	0,297	0,000	0,007	0,004	FALSE
-0,066	0,281	-0,005	0,012	0,163	FALSE
-0,071	0,300	-0,004	0,012	0,116	FALSE
0,070	0,289	0,003	0,009	0,125	FALSE
0,092	0,276	0,005	0,012	0,186	FALSE
0,104	0,290	0,003	0,007	0,139	FALSE
0,120	0,268	0,007	0,011	0,272	FALSE
0,091	0,286	0,004	0,008	0,193	FALSE
-0,031	0,299	0,001	0,013	0,024	FALSE
-0,057	0,290	-0,001	0,013	0,018	FALSE
0,150	0,287	0,003	0,007	0,168	FALSE
-0,047	0,285	-0,003	0,013	0,094	FALSE
0,015	0,294	-0,002	0,009	0,069	FALSE
-0,024	0,282	0,000	0,010	0,007	FALSE
-0,058	0,287	-0,004	0,013	0,135	FALSE
-0,163	0,280	-0,005	0,008	0,281	FALSE
0,015	0,297	0,000	0,010	0,002	FALSE
-0,008	0,285	-0,001	0,006	0,082	FALSE
0,086	0,290	0,001	0,009	0,044	FALSE
0,161	0,297	0,003	0,006	0,162	FALSE
0,060	0,282	0,001	0,007	0,080	FALSE
-0,056	0,288	-0,004	0,010	0,186	FALSE
-0,031	0,295	-0,002	0,013	0,071	FALSE
-0,020	0,294	-0,002	0,012	0,048	FALSE
-0,131	0,296	-0,003	0,008	0,153	FALSE
0,027	0,294	-0,001	0,007	0,041	FALSE

-0,056	0,294	-0,001	0,012	0,030	FALSE
-0,096	0,282	-0,004	0,012	0,134	FALSE
0,109	0,276	0,004	0,012	0,117	FALSE
-0,004	0,282	0,000	0,007	0,002	FALSE
-0,077	0,293	-0,002	0,013	0,046	FALSE
0,010	0,291	0,001	0,007	0,029	FALSE
0,049	0,292	0,000	0,008	0,015	FALSE
0,009	0,265	0,000	0,009	0,005	FALSE
-0,007	0,281	-0,001	0,008	0,029	FALSE
0,126	0,287	0,007	0,012	0,242	FALSE
-0,069	0,298	-0,001	0,011	0,036	FALSE
-0,047	0,286	-0,001	0,010	0,053	FALSE
-0,128	0,291	-0,003	0,012	0,093	FALSE
-0,026	0,289	0,000	0,013	0,011	FALSE
-0,041	0,287	-0,001	0,013	0,037	FALSE
0,097	0,279	0,003	0,006	0,168	FALSE
0,060	0,291	0,002	0,008	0,083	FALSE
-0,003	0,305	0,000	0,014	0,009	FALSE
-0,006	0,303	0,000	0,013	0,005	FALSE
-0,078	0,296	-0,003	0,009	0,123	FALSE
0,103	0,284	0,002	0,011	0,083	FALSE
-0,255	0,293	-0,010	0,011	0,428	FALSE
0,058	0,293	0,002	0,011	0,073	FALSE
0,030	0,295	0,000	0,009	0,000	FALSE
-0,061	0,290	-0,001	0,007	0,052	FALSE
0,108	0,302	0,003	0,011	0,104	FALSE
0,020	0,297	0,001	0,010	0,018	FALSE
0,093	0,293	0,003	0,011	0,113	FALSE
0,026	0,305	0,000	0,013	0,014	FALSE
-0,167	0,285	-0,007	0,012	0,249	FALSE
0,045	0,286	0,002	0,010	0,073	FALSE
0,164	0,293	0,004	0,007	0,212	FALSE
-0,228	0,277	-0,006	0,009	0,278	FALSE
-0,094	0,281	-0,002	0,012	0,067	FALSE
0,038	0,278	0,001	0,012	0,033	FALSE
0,027	0,291	-0,001	0,012	0,017	FALSE
0,051	0,290	0,002	0,012	0,071	FALSE
0,005	0,296	0,000	0,013	0,012	FALSE
0,076	0,292	0,003	0,011	0,094	FALSE
0,090	0,289	0,001	0,007	0,076	FALSE
-0,071	0,294	-0,003	0,008	0,145	FALSE
-0,058	0,285	-0,002	0,010	0,072	FALSE
0,067	0,285	0,003	0,010	0,101	FALSE
0,084	0,289	0,002	0,007	0,093	FALSE
0,128	0,294	0,005	0,008	0,276	FALSE
0,112	0,289	0,006	0,010	0,238	FALSE
-0,142	0,297	-0,004	0,009	0,168	FALSE
0,024	0,311	0,002	0,013	0,050	FALSE
-0,117	0,289	-0,003	0,009	0,121	FALSE
0,059	0,298	0,002	0,007	0,097	FALSE
-0,026	0,293	-0,001	0,010	0,028	FALSE
-0,039	0,296	-0,002	0,012	0,067	FALSE
-0,060	0,297	-0,003	0,013	0,073	FALSE

0,013	0,292	0,001	0,013	0,022	FALSE
-0,035	0,290	0,001	0,008	0,032	FALSE
0,055	0,292	0,001	0,006	0,067	FALSE
-0,006	0,293	0,000	0,007	0,011	FALSE
-0,072	0,301	-0,002	0,007	0,085	FALSE
-0,085	0,299	-0,003	0,009	0,146	FALSE
0,016	0,288	0,002	0,012	0,074	FALSE
0,093	0,280	0,004	0,010	0,183	FALSE
0,096	0,277	0,004	0,009	0,189	FALSE
-0,120	0,284	-0,005	0,013	0,162	FALSE
0,091	0,289	0,002	0,006	0,154	FALSE
0,116	0,286	0,003	0,006	0,177	FALSE
0,083	0,302	0,000	0,007	0,019	FALSE
0,018	0,290	0,000	0,008	0,009	FALSE
0,112	0,280	0,001	0,006	0,050	FALSE
-0,088	0,296	-0,003	0,009	0,124	FALSE
0,024	0,295	0,002	0,010	0,070	FALSE
0,027	0,296	0,002	0,011	0,059	FALSE
-0,171	0,276	-0,005	0,012	0,160	FALSE
0,124	0,293	0,004	0,009	0,167	FALSE
-0,048	0,308	-0,001	0,009	0,024	FALSE
0,029	0,301	0,000	0,009	0,012	FALSE
0,130	0,287	0,005	0,010	0,211	FALSE
0,100	0,288	0,004	0,009	0,187	FALSE
-0,064	0,294	0,000	0,007	0,024	FALSE
0,038	0,284	0,003	0,013	0,075	FALSE
-0,053	0,305	-0,001	0,007	0,064	FALSE
-0,076	0,298	-0,002	0,007	0,095	FALSE
-0,054	0,295	-0,001	0,007	0,070	FALSE
0,088	0,280	0,002	0,007	0,085	FALSE
0,135	0,288	0,003	0,008	0,152	FALSE
-0,031	0,294	-0,002	0,011	0,056	FALSE
0,041	0,304	0,001	0,012	0,025	FALSE
-0,073	0,288	-0,001	0,009	0,043	FALSE
-0,053	0,295	-0,004	0,012	0,116	FALSE
-0,149	0,266	-0,003	0,008	0,149	FALSE
-0,085	0,282	-0,002	0,007	0,112	FALSE
-0,096	0,290	-0,002	0,009	0,099	FALSE
0,065	0,291	0,001	0,009	0,050	FALSE
-0,205	0,280	-0,006	0,010	0,252	FALSE
-0,007	0,288	-0,001	0,010	0,047	FALSE
-0,082	0,296	-0,002	0,010	0,068	FALSE
0,074	0,299	0,002	0,007	0,126	FALSE
-0,122	0,287	-0,005	0,012	0,161	FALSE
-0,150	0,289	-0,006	0,012	0,212	FALSE
-0,123	0,291	-0,005	0,012	0,168	FALSE
-0,091	0,278	-0,003	0,012	0,104	FALSE
-0,189	0,288	-0,005	0,008	0,283	FALSE
0,023	0,290	0,003	0,011	0,113	FALSE
0,073	0,292	0,005	0,013	0,174	FALSE
-0,125	0,274	-0,003	0,007	0,183	FALSE
0,062	0,291	0,002	0,009	0,080	FALSE
0,073	0,290	0,001	0,007	0,054	FALSE

-0,087	0,269	-0,002	0,012	0,049	FALSE
0,012	0,277	0,002	0,009	0,067	FALSE
-0,006	0,291	-0,001	0,012	0,026	FALSE
0,040	0,298	0,001	0,013	0,041	FALSE
-0,067	0,290	0,000	0,007	0,024	FALSE
-0,082	0,308	-0,002	0,007	0,124	FALSE
0,042	0,292	0,000	0,007	0,003	FALSE
0,025	0,298	0,001	0,006	0,042	FALSE
-0,073	0,280	-0,001	0,008	0,046	FALSE
0,125	0,266	0,005	0,011	0,183	FALSE
-0,055	0,286	-0,001	0,007	0,059	FALSE
-0,130	0,282	-0,005	0,013	0,147	FALSE
-0,146	0,284	-0,003	0,007	0,159	FALSE
-0,165	0,280	-0,003	0,007	0,184	FALSE
0,063	0,278	0,003	0,011	0,115	FALSE
-0,050	0,284	-0,002	0,009	0,074	FALSE
0,090	0,273	0,003	0,009	0,114	FALSE
0,012	0,287	0,001	0,012	0,026	FALSE
-0,046	0,280	-0,001	0,008	0,034	FALSE
-0,034	0,299	-0,001	0,009	0,046	FALSE
-0,038	0,293	-0,002	0,007	0,096	FALSE
0,015	0,282	0,002	0,010	0,080	FALSE
0,135	0,281	0,002	0,007	0,078	FALSE
-0,024	0,275	-0,001	0,007	0,062	FALSE
-0,108	0,288	-0,005	0,011	0,196	FALSE
-0,170	0,285	-0,004	0,007	0,227	FALSE
-0,077	0,293	-0,003	0,013	0,097	FALSE
-0,057	0,295	-0,003	0,011	0,111	FALSE
0,044	0,288	0,001	0,006	0,046	FALSE
0,023	0,291	0,000	0,010	0,013	FALSE
-0,013	0,274	-0,001	0,008	0,041	FALSE
0,015	0,296	0,002	0,010	0,064	FALSE
0,043	0,296	0,002	0,010	0,079	FALSE
0,044	0,287	0,002	0,009	0,086	FALSE
-0,051	0,280	0,000	0,011	0,007	FALSE
-0,047	0,299	0,000	0,011	0,005	FALSE
-0,026	0,284	0,000	0,007	0,025	FALSE
0,044	0,288	0,003	0,012	0,087	FALSE
-0,126	0,286	-0,006	0,012	0,224	FALSE
0,028	0,307	0,000	0,007	0,013	FALSE
-0,062	0,292	-0,003	0,009	0,130	FALSE
0,083	0,286	0,001	0,007	0,069	FALSE
-0,176	0,286	-0,007	0,013	0,238	FALSE
-0,174	0,288	-0,007	0,013	0,243	FALSE
0,026	0,289	0,000	0,008	0,019	FALSE
-0,072	0,298	-0,001	0,007	0,065	FALSE
-0,021	0,295	-0,003	0,011	0,084	FALSE
0,018	0,305	0,000	0,010	0,015	FALSE
0,010	0,299	0,001	0,011	0,023	FALSE
-0,017	0,275	0,001	0,010	0,026	FALSE
-0,129	0,295	-0,005	0,009	0,235	FALSE
0,069	0,289	0,002	0,007	0,107	FALSE
-0,054	0,296	-0,002	0,008	0,095	FALSE

0,166	0,286	0,008	0,012	0,317	FALSE
0,095	0,275	0,004	0,008	0,218	FALSE
-0,104	0,301	-0,003	0,009	0,107	FALSE
-0,083	0,299	-0,002	0,007	0,131	FALSE
0,146	0,286	0,007	0,012	0,237	FALSE
-0,006	0,288	0,000	0,008	0,006	FALSE
-0,032	0,273	-0,001	0,006	0,036	FALSE
-0,134	0,271	-0,002	0,008	0,108	FALSE
-0,007	0,281	0,000	0,013	0,007	FALSE
0,203	0,294	0,005	0,010	0,215	FALSE
0,027	0,299	0,000	0,009	0,000	FALSE
0,053	0,288	0,001	0,009	0,038	FALSE
0,023	0,301	0,000	0,009	0,015	FALSE
-0,061	0,288	-0,001	0,007	0,059	FALSE
0,040	0,294	0,001	0,009	0,022	FALSE
-0,027	0,280	0,000	0,012	0,013	FALSE
0,039	0,292	0,001	0,011	0,031	FALSE
0,000	0,272	-0,001	0,010	0,020	FALSE
0,007	0,265	0,003	0,010	0,132	FALSE
-0,043	0,261	0,001	0,011	0,039	FALSE
0,030	0,282	0,004	0,011	0,140	FALSE
-0,017	0,296	-0,001	0,013	0,014	FALSE
-0,067	0,291	-0,001	0,006	0,044	FALSE
-0,108	0,300	-0,003	0,007	0,196	FALSE
-0,093	0,283	-0,003	0,008	0,144	FALSE
0,069	0,279	0,003	0,008	0,131	FALSE
-0,217	0,284	-0,005	0,007	0,337	FALSE
-0,037	0,296	0,000	0,008	0,015	FALSE
0,091	0,286	0,002	0,009	0,094	FALSE
0,011	0,292	-0,001	0,007	0,054	FALSE
0,063	0,284	0,002	0,011	0,051	FALSE
0,013	0,286	0,001	0,011	0,029	FALSE
-0,004	0,288	0,001	0,007	0,035	FALSE
0,011	0,285	0,001	0,011	0,034	FALSE
-0,164	0,280	-0,005	0,013	0,142	FALSE
-0,182	0,277	-0,005	0,007	0,272	FALSE
-0,214	0,289	-0,004	0,007	0,223	FALSE
-0,191	0,268	-0,005	0,011	0,178	FALSE
0,015	0,288	0,000	0,008	0,011	FALSE
-0,040	0,300	-0,003	0,011	0,124	FALSE
-0,028	0,289	0,001	0,011	0,039	FALSE
0,079	0,293	0,001	0,010	0,037	FALSE
-0,055	0,291	-0,002	0,010	0,085	FALSE
-0,003	0,292	0,000	0,007	0,024	FALSE
0,020	0,291	0,003	0,013	0,079	FALSE
-0,142	0,280	-0,006	0,012	0,223	FALSE
0,033	0,308	0,000	0,007	0,013	FALSE
-0,068	0,289	-0,002	0,010	0,069	FALSE
0,097	0,279	0,005	0,012	0,169	FALSE
-0,018	0,302	0,000	0,009	0,002	FALSE
0,049	0,288	0,001	0,008	0,070	FALSE
-0,074	0,286	-0,003	0,010	0,109	FALSE
-0,036	0,286	-0,001	0,012	0,034	FALSE

-0,130	0,274	-0,006	0,012	0,227	FALSE
-0,171	0,291	-0,003	0,007	0,191	FALSE
-0,032	0,291	0,000	0,010	0,007	FALSE
0,047	0,295	0,001	0,007	0,071	FALSE
-0,003	0,268	0,001	0,009	0,021	FALSE
0,074	0,290	0,002	0,007	0,120	FALSE
-0,007	0,277	-0,001	0,012	0,030	FALSE
-0,031	0,307	0,000	0,007	0,002	FALSE
0,024	0,294	0,001	0,009	0,022	FALSE
-0,105	0,293	-0,003	0,008	0,142	FALSE
-0,006	0,310	0,001	0,011	0,023	FALSE
-0,065	0,300	-0,001	0,007	0,082	FALSE
0,234	0,279	0,006	0,007	0,422	FALSE
0,103	0,289	0,003	0,006	0,216	FALSE
0,146	0,277	0,005	0,012	0,168	FALSE
0,062	0,298	0,002	0,009	0,076	FALSE
0,119	0,271	0,004	0,011	0,151	FALSE
0,105	0,276	0,004	0,011	0,136	FALSE
-0,124	0,284	-0,003	0,007	0,183	FALSE
0,162	0,281	0,004	0,007	0,216	FALSE
-0,015	0,303	-0,001	0,007	0,041	FALSE
-0,217	0,276	-0,006	0,007	0,342	FALSE
-0,078	0,305	-0,003	0,010	0,114	FALSE
0,110	0,295	0,001	0,007	0,045	FALSE
-0,085	0,272	-0,001	0,007	0,072	FALSE
0,073	0,290	0,001	0,010	0,023	FALSE
-0,003	0,281	0,000	0,006	0,011	FALSE
0,009	0,303	0,000	0,007	0,006	FALSE
0,035	0,298	0,001	0,012	0,040	FALSE
0,046	0,296	0,001	0,012	0,027	FALSE
0,089	0,297	0,003	0,011	0,106	FALSE
0,065	0,285	0,002	0,011	0,063	FALSE
0,008	0,300	0,001	0,007	0,053	FALSE
0,014	0,283	0,000	0,007	0,009	FALSE
-0,014	0,293	0,000	0,007	0,024	FALSE
-0,004	0,294	-0,001	0,010	0,021	FALSE
0,158	0,277	0,005	0,010	0,191	FALSE
0,117	0,287	0,004	0,011	0,132	FALSE
-0,026	0,294	0,000	0,007	0,007	FALSE
0,086	0,280	0,002	0,007	0,086	FALSE
-0,016	0,289	0,000	0,007	0,003	FALSE
0,148	0,285	0,007	0,013	0,223	FALSE
0,069	0,293	0,002	0,012	0,065	FALSE
-0,061	0,290	-0,001	0,011	0,038	FALSE
0,023	0,299	0,000	0,006	0,009	FALSE
-0,177	0,292	-0,004	0,009	0,204	FALSE
0,109	0,280	0,003	0,009	0,161	FALSE
-0,131	0,295	-0,005	0,011	0,186	FALSE
0,059	0,294	0,001	0,009	0,065	FALSE
0,051	0,300	0,004	0,012	0,117	FALSE
0,154	0,288	0,007	0,013	0,230	FALSE
0,029	0,294	0,002	0,012	0,068	FALSE
0,100	0,269	0,005	0,008	0,236	FALSE

-0,008	0,284	-0,001	0,012	0,015	FALSE
0,116	0,284	0,006	0,010	0,253	FALSE
0,016	0,292	0,000	0,007	0,013	FALSE
-0,142	0,292	-0,006	0,013	0,202	FALSE
-0,199	0,291	-0,009	0,013	0,302	FALSE
-0,112	0,287	-0,004	0,011	0,153	FALSE
-0,160	0,289	-0,008	0,013	0,265	FALSE
0,256	0,286	0,011	0,013	0,435	FALSE
-0,046	0,285	-0,001	0,007	0,039	FALSE
-0,049	0,302	-0,002	0,012	0,054	FALSE
-0,020	0,288	-0,001	0,011	0,042	FALSE
-0,009	0,295	0,000	0,009	0,005	FALSE
-0,006	0,295	0,000	0,006	0,014	FALSE
0,081	0,294	0,001	0,008	0,037	FALSE
-0,077	0,294	-0,002	0,007	0,114	FALSE
-0,009	0,285	-0,001	0,006	0,059	FALSE
0,025	0,297	0,000	0,007	0,002	FALSE
0,033	0,288	0,000	0,007	0,001	FALSE
-0,016	0,292	-0,001	0,007	0,042	FALSE
-0,069	0,289	-0,001	0,008	0,039	FALSE
-0,081	0,292	-0,001	0,008	0,049	FALSE
-0,022	0,287	-0,002	0,010	0,073	FALSE
0,042	0,283	0,002	0,012	0,065	FALSE
0,117	0,296	0,005	0,013	0,144	FALSE
0,011	0,312	0,000	0,013	0,005	FALSE
-0,068	0,283	-0,004	0,008	0,214	FALSE
-0,124	0,277	-0,003	0,006	0,202	FALSE
-0,077	0,280	-0,002	0,010	0,066	FALSE
-0,074	0,274	-0,001	0,010	0,018	FALSE
-0,016	0,304	-0,001	0,010	0,054	FALSE
0,018	0,300	0,002	0,013	0,043	FALSE
0,121	0,289	0,002	0,007	0,151	FALSE
-0,061	0,296	-0,003	0,013	0,078	FALSE
-0,076	0,306	-0,003	0,010	0,124	FALSE
-0,027	0,308	0,000	0,014	0,003	FALSE
0,113	0,298	0,003	0,007	0,192	FALSE
-0,054	0,290	-0,003	0,008	0,127	FALSE
-0,059	0,290	-0,001	0,008	0,064	FALSE
-0,089	0,306	-0,002	0,010	0,083	FALSE
-0,135	0,287	-0,006	0,012	0,183	FALSE
-0,142	0,284	-0,004	0,010	0,171	FALSE
0,056	0,282	0,000	0,010	0,003	FALSE
0,029	0,272	-0,001	0,010	0,032	FALSE
-0,075	0,289	-0,002	0,010	0,063	FALSE
0,019	0,272	-0,001	0,010	0,043	FALSE
0,017	0,281	-0,002	0,010	0,070	FALSE
0,031	0,277	-0,001	0,010	0,034	FALSE
-0,159	0,282	-0,005	0,011	0,200	FALSE
-0,064	0,292	-0,002	0,007	0,099	FALSE
-0,039	0,284	0,000	0,012	0,012	FALSE
-0,092	0,296	-0,003	0,012	0,110	FALSE
0,054	0,284	0,000	0,008	0,013	FALSE
-0,173	0,280	-0,005	0,013	0,179	FALSE

-0,088	0,293	-0,002	0,013	0,054	FALSE
0,082	0,285	0,001	0,007	0,033	FALSE
-0,040	0,285	-0,003	0,011	0,125	FALSE
0,120	0,276	0,004	0,009	0,151	FALSE
0,003	0,296	0,000	0,012	0,010	FALSE
-0,182	0,291	-0,010	0,012	0,375	FALSE
-0,139	0,270	-0,006	0,010	0,271	FALSE
-0,037	0,276	-0,003	0,010	0,122	FALSE
-0,022	0,276	0,000	0,012	0,010	FALSE
-0,023	0,285	0,001	0,009	0,046	FALSE
-0,056	0,272	-0,004	0,010	0,153	FALSE
0,052	0,287	0,001	0,007	0,035	FALSE
0,049	0,281	0,001	0,012	0,025	FALSE
0,059	0,289	0,001	0,012	0,022	FALSE
0,093	0,303	0,003	0,009	0,117	FALSE
-0,029	0,279	-0,001	0,012	0,046	FALSE
-0,206	0,288	-0,005	0,009	0,249	FALSE
0,020	0,298	0,001	0,010	0,030	FALSE
0,059	0,296	0,000	0,008	0,015	FALSE
0,029	0,289	0,002	0,010	0,088	FALSE
-0,046	0,294	-0,001	0,007	0,055	FALSE
-0,119	0,294	-0,005	0,011	0,207	FALSE
-0,070	0,297	-0,002	0,009	0,086	FALSE
0,130	0,278	0,004	0,007	0,214	FALSE
-0,177	0,273	-0,007	0,012	0,257	FALSE
-0,041	0,291	0,000	0,009	0,008	FALSE
0,144	0,279	0,003	0,007	0,188	FALSE
0,151	0,276	0,003	0,007	0,199	FALSE
-0,096	0,296	-0,002	0,007	0,119	FALSE
0,000	0,309	0,000	0,010	0,006	FALSE
-0,069	0,284	-0,003	0,009	0,108	FALSE
-0,145	0,285	-0,003	0,007	0,173	FALSE
-0,100	0,285	-0,003	0,007	0,140	FALSE
-0,041	0,286	-0,004	0,013	0,117	FALSE
-0,017	0,298	0,000	0,007	0,018	FALSE
-0,139	0,281	-0,003	0,007	0,143	FALSE
-0,141	0,279	-0,003	0,008	0,144	FALSE
0,013	0,305	-0,001	0,013	0,015	FALSE
0,039	0,285	0,001	0,008	0,037	FALSE
0,036	0,292	0,001	0,009	0,058	FALSE
-0,123	0,309	-0,006	0,014	0,171	FALSE
-0,110	0,274	-0,003	0,013	0,089	FALSE
-0,028	0,292	0,000	0,008	0,005	FALSE
0,005	0,293	0,000	0,012	0,004	FALSE
0,202	0,289	0,007	0,012	0,259	FALSE
-0,063	0,304	-0,004	0,014	0,108	FALSE
0,113	0,296	0,004	0,013	0,136	FALSE
0,006	0,292	0,001	0,011	0,047	FALSE
-0,013	0,299	-0,001	0,012	0,040	FALSE
-0,070	0,280	-0,001	0,012	0,032	FALSE
-0,154	0,279	-0,008	0,011	0,297	FALSE
-0,017	0,276	-0,001	0,012	0,030	FALSE
-0,093	0,282	-0,002	0,008	0,086	FALSE

0,158	0,277	0,006	0,011	0,230	FALSE
-0,060	0,292	-0,002	0,007	0,106	FALSE
0,005	0,291	0,000	0,008	0,014	FALSE
-0,043	0,290	-0,001	0,012	0,025	FALSE
0,019	0,290	0,000	0,008	0,014	FALSE
-0,112	0,284	-0,002	0,012	0,073	FALSE
-0,131	0,289	-0,002	0,007	0,104	FALSE
0,093	0,290	0,002	0,011	0,054	FALSE
0,073	0,286	0,003	0,011	0,091	FALSE
-0,033	0,303	-0,001	0,012	0,027	FALSE
-0,065	0,304	-0,005	0,011	0,170	FALSE
-0,085	0,289	-0,005	0,011	0,191	FALSE
-0,079	0,295	-0,005	0,011	0,213	FALSE
-0,124	0,291	-0,004	0,010	0,186	FALSE
-0,069	0,292	-0,005	0,011	0,180	FALSE
0,052	0,285	0,000	0,006	0,024	FALSE
-0,038	0,299	-0,003	0,010	0,109	FALSE
-0,097	0,284	-0,002	0,007	0,116	FALSE
0,112	0,288	0,002	0,009	0,090	FALSE
0,044	0,281	0,001	0,010	0,049	FALSE
0,061	0,278	0,003	0,012	0,082	FALSE
0,092	0,277	0,003	0,011	0,122	FALSE
0,105	0,284	0,005	0,012	0,158	FALSE
0,153	0,284	0,007	0,012	0,258	FALSE
0,079	0,288	0,004	0,011	0,147	FALSE
0,156	0,285	0,008	0,012	0,273	FALSE
0,060	0,284	0,001	0,008	0,062	FALSE
-0,029	0,285	0,000	0,007	0,019	FALSE
-0,009	0,286	0,001	0,009	0,026	FALSE
-0,085	0,290	-0,001	0,013	0,021	FALSE
-0,044	0,296	-0,002	0,013	0,057	FALSE
-0,013	0,304	-0,001	0,010	0,034	FALSE
-0,100	0,287	-0,002	0,007	0,108	FALSE
0,081	0,294	0,001	0,011	0,048	FALSE
0,106	0,288	0,003	0,006	0,168	FALSE
-0,017	0,293	-0,001	0,011	0,017	FALSE
0,038	0,290	0,000	0,007	0,021	FALSE
0,060	0,286	0,002	0,010	0,060	FALSE
0,027	0,296	0,000	0,012	0,011	FALSE
-0,058	0,293	-0,004	0,013	0,118	FALSE
-0,006	0,286	0,000	0,007	0,015	FALSE
0,015	0,287	-0,001	0,012	0,037	FALSE
-0,024	0,279	0,000	0,007	0,002	FALSE
0,008	0,283	-0,002	0,012	0,065	FALSE
-0,024	0,294	0,000	0,011	0,010	FALSE
0,132	0,288	0,004	0,008	0,224	FALSE
0,117	0,294	0,004	0,012	0,111	FALSE
0,033	0,286	0,002	0,007	0,126	FALSE
0,202	0,304	0,008	0,013	0,270	FALSE
0,075	0,285	0,002	0,007	0,131	FALSE
-0,103	0,286	-0,002	0,013	0,045	FALSE
-0,116	0,278	-0,003	0,008	0,133	FALSE
-0,149	0,288	-0,003	0,012	0,104	FALSE

0,079	0,293	0,003	0,008	0,135	FALSE
0,100	0,292	0,004	0,009	0,150	FALSE
-0,011	0,290	0,001	0,012	0,022	FALSE
-0,071	0,299	-0,001	0,006	0,050	FALSE
-0,011	0,282	-0,002	0,011	0,068	FALSE
-0,021	0,272	-0,003	0,011	0,104	FALSE
-0,044	0,280	-0,001	0,008	0,044	FALSE
0,028	0,279	-0,002	0,010	0,070	FALSE
-0,025	0,292	0,000	0,008	0,019	FALSE
0,084	0,296	0,004	0,010	0,183	FALSE
0,110	0,285	0,001	0,007	0,060	FALSE
0,030	0,282	0,002	0,010	0,078	FALSE
-0,012	0,300	-0,001	0,012	0,035	FALSE
-0,006	0,291	-0,001	0,012	0,030	FALSE
0,079	0,302	0,005	0,014	0,155	FALSE
0,080	0,302	0,003	0,010	0,104	FALSE
0,004	0,303	0,001	0,008	0,069	FALSE
-0,080	0,290	-0,002	0,010	0,075	FALSE
-0,183	0,290	-0,006	0,013	0,188	FALSE
0,074	0,290	0,004	0,012	0,118	FALSE
-0,068	0,286	-0,001	0,008	0,040	FALSE
0,131	0,302	0,006	0,014	0,168	FALSE
-0,127	0,295	-0,004	0,011	0,167	FALSE
-0,017	0,285	0,000	0,012	0,013	FALSE
0,039	0,297	0,002	0,011	0,064	FALSE
0,101	0,279	0,001	0,010	0,032	FALSE
-0,006	0,285	0,001	0,009	0,030	FALSE
-0,036	0,303	-0,003	0,012	0,093	FALSE
-0,025	0,299	-0,002	0,012	0,047	FALSE
-0,049	0,305	-0,003	0,013	0,086	FALSE
0,073	0,292	0,000	0,011	0,000	FALSE
-0,071	0,281	-0,002	0,007	0,132	FALSE
0,111	0,279	0,004	0,011	0,161	FALSE
-0,052	0,294	-0,001	0,009	0,037	FALSE
-0,039	0,289	-0,001	0,011	0,033	FALSE
-0,092	0,284	-0,004	0,012	0,138	FALSE
-0,012	0,285	-0,001	0,006	0,037	FALSE
0,031	0,291	0,000	0,011	0,005	FALSE
0,037	0,286	0,001	0,012	0,019	FALSE
0,022	0,278	0,001	0,006	0,035	FALSE
-0,041	0,300	-0,002	0,012	0,075	FALSE
-0,067	0,295	-0,001	0,007	0,068	FALSE
0,058	0,278	0,005	0,011	0,180	FALSE
0,030	0,289	0,004	0,012	0,129	FALSE
0,023	0,283	0,002	0,009	0,102	FALSE
0,092	0,293	0,002	0,011	0,076	FALSE
0,037	0,312	0,001	0,010	0,037	FALSE
0,085	0,299	0,003	0,010	0,100	FALSE
0,080	0,292	0,005	0,012	0,180	FALSE
0,104	0,285	0,001	0,008	0,063	FALSE
-0,001	0,291	-0,001	0,011	0,029	FALSE
0,066	0,281	0,004	0,012	0,121	FALSE
-0,024	0,306	0,001	0,013	0,025	FALSE

0,023	0,290	0,002	0,011	0,058	FALSE
0,013	0,284	0,001	0,011	0,044	FALSE
0,028	0,300	0,002	0,011	0,075	FALSE
0,077	0,297	0,004	0,013	0,109	FALSE
-0,004	0,301	0,001	0,011	0,047	FALSE
0,075	0,271	0,004	0,012	0,116	FALSE
0,039	0,284	0,001	0,009	0,048	FALSE
0,070	0,293	0,001	0,008	0,033	FALSE
0,015	0,284	0,000	0,007	0,022	FALSE
-0,133	0,302	-0,004	0,008	0,195	FALSE
0,055	0,282	0,001	0,011	0,017	FALSE
0,176	0,284	0,004	0,007	0,266	FALSE
0,040	0,281	0,003	0,012	0,100	FALSE
0,113	0,285	0,002	0,007	0,092	FALSE
0,163	0,287	0,003	0,009	0,156	FALSE
0,036	0,288	0,002	0,012	0,067	FALSE
-0,197	0,280	-0,006	0,010	0,230	FALSE
-0,010	0,288	0,000	0,010	0,001	FALSE
-0,240	0,264	-0,010	0,012	0,409	FALSE
-0,201	0,289	-0,008	0,013	0,291	FALSE
-0,051	0,288	0,000	0,009	0,008	FALSE
-0,077	0,298	-0,003	0,010	0,115	FALSE
0,010	0,289	-0,001	0,011	0,033	FALSE
-0,075	0,289	-0,004	0,012	0,136	FALSE
-0,143	0,273	-0,003	0,008	0,169	FALSE
-0,156	0,284	-0,003	0,008	0,186	FALSE
0,126	0,282	0,003	0,007	0,188	FALSE
-0,003	0,296	0,000	0,013	0,003	FALSE
0,002	0,290	0,000	0,007	0,017	FALSE
-0,042	0,288	0,000	0,006	0,014	FALSE
0,052	0,287	0,002	0,007	0,130	FALSE
-0,005	0,285	-0,001	0,009	0,020	FALSE
-0,210	0,277	-0,004	0,007	0,272	FALSE
-0,050	0,294	-0,003	0,008	0,149	FALSE
-0,045	0,303	-0,001	0,009	0,051	FALSE
-0,028	0,280	-0,001	0,008	0,037	FALSE
0,092	0,299	0,003	0,012	0,115	FALSE
0,026	0,298	0,000	0,007	0,004	FALSE
0,042	0,313	0,000	0,008	0,008	FALSE
-0,004	0,293	-0,001	0,007	0,046	FALSE
0,036	0,293	0,000	0,007	0,021	FALSE
0,004	0,298	0,000	0,008	0,014	FALSE
0,012	0,313	0,001	0,012	0,037	FALSE
0,041	0,284	0,001	0,007	0,066	FALSE
0,046	0,282	0,001	0,007	0,074	FALSE
-0,033	0,296	0,000	0,007	0,006	FALSE
0,007	0,287	0,002	0,007	0,090	FALSE
0,067	0,297	0,001	0,008	0,048	FALSE
0,001	0,287	0,001	0,008	0,051	FALSE
-0,048	0,296	-0,002	0,013	0,060	FALSE
0,173	0,285	0,003	0,006	0,234	FALSE
-0,054	0,280	-0,003	0,011	0,097	FALSE
0,097	0,289	0,005	0,013	0,171	FALSE

-0,040	0,301	-0,003	0,013	0,089	FALSE
-0,130	0,286	-0,006	0,012	0,198	FALSE
-0,015	0,280	0,001	0,007	0,027	FALSE
0,071	0,284	0,002	0,013	0,064	FALSE
0,034	0,287	0,003	0,012	0,084	FALSE
-0,065	0,287	-0,003	0,009	0,118	FALSE
0,047	0,284	0,003	0,013	0,095	FALSE
-0,058	0,284	-0,003	0,012	0,087	FALSE
-0,036	0,306	0,000	0,007	0,006	FALSE
-0,050	0,288	-0,002	0,012	0,053	FALSE
0,027	0,298	0,000	0,007	0,006	FALSE
-0,004	0,310	-0,001	0,012	0,028	FALSE
0,098	0,298	0,001	0,008	0,029	FALSE
-0,015	0,299	-0,002	0,013	0,044	FALSE
0,049	0,282	0,001	0,011	0,049	FALSE
-0,194	0,279	-0,008	0,013	0,274	FALSE
0,206	0,275	0,009	0,012	0,342	FALSE
-0,024	0,288	-0,002	0,010	0,064	FALSE
-0,089	0,288	-0,002	0,009	0,082	FALSE
-0,165	0,296	-0,008	0,013	0,256	FALSE
-0,095	0,287	-0,002	0,008	0,100	FALSE
-0,054	0,279	-0,001	0,008	0,033	FALSE
-0,058	0,276	-0,001	0,009	0,034	FALSE
0,082	0,292	0,002	0,012	0,069	FALSE
0,046	0,298	0,002	0,010	0,075	FALSE
-0,028	0,289	-0,001	0,006	0,063	FALSE
0,110	0,291	0,004	0,013	0,130	FALSE
-0,055	0,285	-0,001	0,006	0,037	FALSE
-0,065	0,291	-0,002	0,009	0,098	FALSE
-0,069	0,293	-0,003	0,012	0,106	FALSE
-0,043	0,288	-0,003	0,013	0,092	FALSE
-0,064	0,295	-0,004	0,012	0,123	FALSE
0,041	0,282	0,001	0,009	0,041	FALSE
0,024	0,273	-0,001	0,010	0,047	FALSE
0,040	0,304	0,001	0,009	0,034	FALSE
0,001	0,286	-0,001	0,010	0,027	FALSE
-0,257	0,282	-0,009	0,011	0,402	FALSE
-0,033	0,291	0,000	0,008	0,018	FALSE
0,034	0,282	0,003	0,010	0,103	FALSE
0,006	0,288	-0,001	0,007	0,079	FALSE
0,163	0,287	0,002	0,009	0,085	FALSE
0,179	0,282	0,005	0,007	0,306	FALSE
-0,175	0,271	-0,004	0,008	0,219	FALSE
-0,039	0,289	-0,001	0,008	0,032	FALSE
-0,109	0,292	-0,002	0,008	0,123	FALSE
0,036	0,278	0,001	0,009	0,038	FALSE
0,009	0,293	0,000	0,012	0,012	FALSE
-0,039	0,299	-0,001	0,006	0,062	FALSE
-0,144	0,280	-0,003	0,010	0,107	FALSE
0,042	0,279	0,003	0,011	0,104	FALSE
0,061	0,284	0,003	0,011	0,105	FALSE
0,072	0,298	0,001	0,006	0,086	FALSE
0,065	0,269	0,002	0,009	0,080	FALSE

0,023	0,279	0,001	0,013	0,019	FALSE
0,023	0,313	0,001	0,007	0,026	FALSE
-0,055	0,283	-0,002	0,007	0,081	FALSE
-0,064	0,287	-0,001	0,006	0,090	FALSE
-0,076	0,280	-0,003	0,013	0,098	FALSE
0,021	0,285	0,001	0,012	0,015	FALSE
0,030	0,296	0,000	0,010	0,006	FALSE
-0,004	0,306	0,000	0,009	0,016	FALSE
0,161	0,299	0,003	0,007	0,187	FALSE
-0,023	0,300	0,000	0,007	0,017	FALSE
-0,006	0,304	-0,001	0,007	0,028	FALSE
-0,055	0,297	-0,001	0,009	0,026	FALSE
-0,158	0,282	-0,006	0,012	0,194	FALSE
-0,002	0,272	-0,001	0,012	0,028	FALSE
-0,020	0,280	-0,002	0,012	0,060	FALSE
-0,088	0,281	-0,002	0,007	0,095	FALSE
-0,004	0,296	-0,002	0,008	0,083	FALSE
-0,057	0,280	0,000	0,007	0,003	FALSE
-0,029	0,283	-0,001	0,010	0,021	FALSE
0,096	0,287	0,002	0,006	0,100	FALSE
0,085	0,291	0,002	0,006	0,115	FALSE
0,017	0,284	0,000	0,006	0,023	FALSE
-0,096	0,287	-0,002	0,007	0,124	FALSE
-0,066	0,299	-0,001	0,007	0,047	FALSE
-0,281	0,279	-0,013	0,013	0,512	FALSE
-0,244	0,267	-0,012	0,012	0,462	FALSE
-0,248	0,274	-0,012	0,012	0,501	FALSE
0,126	0,288	0,004	0,009	0,175	FALSE
-0,071	0,290	-0,002	0,007	0,109	FALSE
0,039	0,285	0,001	0,010	0,049	FALSE
-0,080	0,277	-0,002	0,006	0,124	FALSE
-0,175	0,284	-0,008	0,013	0,292	FALSE
-0,010	0,294	0,001	0,011	0,045	FALSE
0,130	0,292	0,005	0,011	0,160	FALSE
0,124	0,289	0,004	0,011	0,154	FALSE
-0,020	0,273	-0,003	0,012	0,104	FALSE
0,080	0,287	0,001	0,011	0,029	FALSE
0,090	0,291	0,003	0,011	0,095	FALSE
0,030	0,298	0,001	0,007	0,042	FALSE
0,030	0,289	0,001	0,007	0,042	FALSE
0,183	0,282	0,007	0,012	0,263	FALSE
0,072	0,286	0,002	0,009	0,096	FALSE
-0,132	0,284	-0,003	0,008	0,177	FALSE
0,069	0,290	0,001	0,008	0,044	FALSE
0,259	0,292	0,010	0,013	0,354	FALSE
-0,008	0,298	0,000	0,007	0,020	FALSE
-0,118	0,278	-0,004	0,008	0,190	FALSE
-0,020	0,305	0,000	0,009	0,002	FALSE
-0,049	0,293	-0,002	0,008	0,090	FALSE
0,094	0,281	0,005	0,012	0,163	FALSE
0,006	0,284	0,000	0,008	0,013	FALSE
-0,120	0,286	-0,003	0,009	0,127	FALSE
0,107	0,302	0,001	0,008	0,040	FALSE

-0,041	0,286	0,000	0,012	0,000	FALSE
-0,051	0,293	-0,002	0,012	0,049	FALSE
-0,062	0,294	-0,004	0,012	0,120	FALSE
0,062	0,304	0,002	0,011	0,082	FALSE
-0,005	0,278	-0,002	0,011	0,074	FALSE
-0,046	0,297	-0,001	0,013	0,041	FALSE
-0,133	0,292	-0,005	0,013	0,157	FALSE
-0,051	0,294	-0,001	0,008	0,073	FALSE
0,096	0,298	0,003	0,009	0,126	FALSE
-0,069	0,298	-0,003	0,011	0,087	FALSE
-0,129	0,290	-0,003	0,007	0,189	FALSE
-0,060	0,290	-0,001	0,009	0,037	FALSE
0,043	0,293	0,001	0,008	0,066	FALSE
-0,100	0,287	-0,004	0,008	0,226	FALSE
0,059	0,293	0,003	0,012	0,089	FALSE
0,061	0,286	0,003	0,012	0,083	FALSE
0,103	0,304	0,003	0,011	0,106	FALSE
0,069	0,288	0,002	0,012	0,051	FALSE
-0,071	0,289	-0,001	0,007	0,036	FALSE
0,169	0,290	0,005	0,007	0,280	FALSE
0,030	0,296	0,001	0,011	0,041	FALSE
-0,111	0,284	-0,003	0,007	0,175	FALSE
0,111	0,289	0,005	0,013	0,170	FALSE
0,130	0,292	0,004	0,010	0,175	FALSE
0,011	0,287	0,001	0,012	0,037	FALSE
-0,072	0,301	-0,002	0,011	0,068	FALSE
0,071	0,279	0,000	0,006	0,010	FALSE
0,131	0,297	0,003	0,009	0,144	FALSE
0,073	0,282	0,002	0,008	0,092	FALSE
-0,111	0,299	-0,005	0,012	0,156	FALSE
0,017	0,285	0,001	0,012	0,018	FALSE
-0,130	0,285	-0,004	0,011	0,161	FALSE
0,096	0,284	0,001	0,007	0,063	FALSE
0,152	0,284	0,004	0,009	0,196	FALSE
0,003	0,306	0,001	0,010	0,033	FALSE
-0,042	0,285	-0,002	0,011	0,053	FALSE
-0,090	0,291	-0,003	0,010	0,113	FALSE
-0,043	0,287	0,000	0,007	0,020	FALSE
0,119	0,288	0,004	0,012	0,113	FALSE
0,082	0,293	0,002	0,006	0,117	FALSE
-0,039	0,288	-0,001	0,013	0,041	FALSE
-0,001	0,292	-0,001	0,008	0,028	FALSE
-0,076	0,298	-0,004	0,013	0,117	FALSE
-0,019	0,298	0,000	0,007	0,019	FALSE
0,020	0,288	0,000	0,013	0,010	FALSE
0,070	0,300	0,002	0,012	0,056	FALSE
-0,061	0,293	-0,001	0,010	0,054	FALSE
-0,002	0,293	0,000	0,011	0,002	FALSE
0,020	0,287	0,002	0,010	0,062	FALSE
-0,023	0,269	0,000	0,010	0,006	FALSE
0,002	0,282	0,001	0,010	0,021	FALSE
-0,031	0,287	-0,001	0,007	0,026	FALSE
-0,059	0,302	-0,002	0,013	0,063	FALSE

-0,057	0,299	-0,001	0,007	0,077	FALSE
0,004	0,310	0,000	0,007	0,010	FALSE
-0,055	0,282	0,000	0,013	0,012	FALSE
0,103	0,288	0,003	0,007	0,193	FALSE
0,040	0,281	0,000	0,013	0,002	FALSE
-0,135	0,282	-0,005	0,012	0,166	FALSE
-0,082	0,293	-0,002	0,012	0,068	FALSE
0,016	0,303	0,001	0,011	0,024	FALSE
-0,134	0,292	-0,003	0,007	0,191	FALSE
0,018	0,303	0,001	0,009	0,057	FALSE
-0,037	0,286	-0,002	0,010	0,085	FALSE
0,072	0,280	0,001	0,008	0,061	FALSE
0,030	0,292	0,001	0,010	0,054	FALSE
0,026	0,297	0,001	0,008	0,044	FALSE
-0,026	0,284	-0,001	0,010	0,050	FALSE
0,001	0,290	0,000	0,012	0,011	FALSE
-0,059	0,300	-0,001	0,012	0,027	FALSE
0,079	0,299	0,001	0,009	0,041	FALSE
0,116	0,291	0,002	0,008	0,099	FALSE
0,049	0,293	0,001	0,011	0,041	FALSE
-0,054	0,301	-0,003	0,013	0,075	FALSE
-0,085	0,300	-0,003	0,014	0,087	FALSE
-0,117	0,299	-0,004	0,010	0,137	FALSE
-0,026	0,299	-0,001	0,010	0,018	FALSE
-0,026	0,280	0,001	0,012	0,018	FALSE
-0,141	0,297	-0,005	0,008	0,260	FALSE
0,020	0,285	0,000	0,007	0,015	FALSE
-0,084	0,288	-0,003	0,007	0,163	FALSE
0,040	0,280	0,001	0,006	0,043	FALSE
-0,043	0,291	-0,002	0,013	0,068	FALSE
0,097	0,278	0,006	0,012	0,215	FALSE
0,025	0,279	0,000	0,011	0,013	FALSE
-0,137	0,289	-0,004	0,009	0,198	FALSE
-0,106	0,298	-0,002	0,008	0,077	FALSE
0,046	0,296	0,003	0,012	0,088	FALSE
-0,031	0,294	0,000	0,007	0,007	FALSE
0,020	0,296	0,001	0,011	0,042	FALSE
-0,140	0,291	-0,005	0,009	0,204	FALSE
0,029	0,299	0,001	0,007	0,068	FALSE
0,002	0,299	0,000	0,010	0,005	FALSE
-0,002	0,283	0,000	0,009	0,000	FALSE
0,009	0,295	0,000	0,011	0,007	FALSE
-0,087	0,281	-0,002	0,006	0,099	FALSE
0,083	0,285	0,002	0,006	0,133	FALSE
0,086	0,294	0,004	0,012	0,123	FALSE
0,018	0,296	0,001	0,008	0,030	FALSE
0,148	0,303	0,002	0,007	0,110	FALSE
-0,102	0,288	-0,002	0,007	0,121	FALSE
-0,107	0,290	-0,002	0,007	0,116	FALSE
-0,027	0,286	0,000	0,007	0,015	FALSE
-0,031	0,291	0,000	0,009	0,000	FALSE
0,266	0,275	0,010	0,011	0,441	FALSE
-0,035	0,284	-0,001	0,007	0,041	FALSE

-0,061	0,281	0,000	0,011	0,007	FALSE
0,126	0,299	0,005	0,012	0,191	FALSE
0,074	0,289	0,002	0,013	0,050	FALSE
-0,113	0,288	-0,005	0,011	0,178	FALSE
-0,093	0,272	-0,002	0,009	0,101	FALSE
-0,057	0,297	0,000	0,007	0,027	FALSE
-0,027	0,295	0,000	0,008	0,008	FALSE
0,114	0,299	0,005	0,011	0,187	FALSE
0,047	0,272	0,002	0,012	0,076	FALSE
-0,097	0,284	-0,004	0,013	0,117	FALSE
-0,086	0,296	-0,004	0,013	0,118	FALSE
-0,017	0,280	0,000	0,007	0,017	FALSE
-0,050	0,290	-0,002	0,009	0,066	FALSE
-0,164	0,280	-0,005	0,010	0,191	FALSE
0,032	0,289	0,001	0,012	0,035	FALSE
-0,038	0,272	-0,001	0,012	0,029	FALSE
0,082	0,296	0,002	0,013	0,069	FALSE
-0,025	0,303	0,000	0,010	0,014	FALSE
0,027	0,291	0,001	0,006	0,032	FALSE
0,078	0,294	0,002	0,010	0,093	FALSE
-0,149	0,289	-0,004	0,013	0,122	FALSE
-0,154	0,299	-0,003	0,008	0,166	FALSE
-0,204	0,286	-0,005	0,009	0,217	FALSE
0,029	0,295	-0,001	0,012	0,017	FALSE
0,104	0,297	0,005	0,012	0,174	FALSE
0,012	0,298	0,000	0,013	0,013	FALSE
0,086	0,290	0,003	0,007	0,167	FALSE
-0,163	0,285	-0,003	0,007	0,178	FALSE
0,040	0,284	0,000	0,007	0,007	FALSE
-0,100	0,288	-0,002	0,009	0,071	FALSE
-0,142	0,258	-0,003	0,011	0,086	FALSE
-0,007	0,294	0,000	0,012	0,006	FALSE
0,056	0,286	0,001	0,007	0,047	FALSE
0,053	0,291	0,003	0,012	0,089	FALSE
-0,026	0,286	0,000	0,007	0,014	FALSE
-0,070	0,302	-0,003	0,012	0,091	FALSE
-0,002	0,312	0,000	0,014	0,003	FALSE
-0,006	0,312	0,000	0,013	0,010	FALSE
0,016	0,285	0,001	0,013	0,021	FALSE
0,147	0,286	0,006	0,013	0,208	FALSE
0,199	0,285	0,004	0,007	0,285	FALSE
-0,098	0,268	-0,002	0,009	0,108	FALSE
-0,094	0,286	-0,004	0,011	0,166	FALSE
0,088	0,289	0,004	0,011	0,133	FALSE
-0,075	0,291	-0,002	0,006	0,096	FALSE
-0,045	0,291	-0,001	0,006	0,077	FALSE
0,027	0,288	0,000	0,006	0,011	FALSE
0,078	0,287	0,002	0,013	0,070	FALSE
0,073	0,272	0,001	0,012	0,039	FALSE
-0,089	0,286	-0,002	0,007	0,119	FALSE
-0,139	0,286	-0,004	0,007	0,214	FALSE
0,167	0,291	0,004	0,007	0,211	FALSE
-0,015	0,286	-0,001	0,013	0,019	FALSE

-0,039	0,280	-0,002	0,013	0,047	FALSE
-0,005	0,295	0,000	0,012	0,011	FALSE
0,043	0,267	0,002	0,009	0,083	FALSE
-0,054	0,264	-0,002	0,008	0,109	FALSE
0,073	0,293	0,001	0,006	0,047	FALSE
-0,063	0,273	-0,002	0,013	0,056	FALSE
-0,109	0,289	-0,005	0,011	0,180	FALSE
-0,092	0,295	-0,004	0,011	0,154	FALSE
-0,032	0,296	-0,002	0,010	0,066	FALSE
-0,081	0,288	-0,003	0,011	0,127	FALSE
-0,091	0,297	-0,004	0,010	0,143	FALSE
-0,075	0,291	-0,004	0,009	0,189	FALSE
0,054	0,288	0,001	0,011	0,047	FALSE
-0,079	0,299	-0,002	0,008	0,088	FALSE
0,024	0,294	0,000	0,007	0,010	FALSE
-0,111	0,286	-0,002	0,008	0,091	FALSE
0,023	0,295	0,001	0,008	0,029	FALSE
0,047	0,295	0,002	0,010	0,087	FALSE
-0,002	0,280	0,000	0,007	0,015	FALSE
0,173	0,262	0,012	0,012	0,473	FALSE
-0,031	0,284	0,000	0,006	0,008	FALSE
0,029	0,282	0,001	0,011	0,020	FALSE
-0,043	0,287	-0,001	0,010	0,031	FALSE
0,119	0,292	0,003	0,009	0,143	FALSE
0,062	0,281	0,001	0,006	0,089	FALSE
-0,092	0,287	-0,003	0,008	0,181	FALSE
0,009	0,293	0,000	0,010	0,011	FALSE
0,000	0,290	0,000	0,010	0,004	FALSE
-0,068	0,277	-0,002	0,008	0,077	FALSE
-0,140	0,277	-0,006	0,012	0,204	FALSE
-0,135	0,289	-0,006	0,013	0,186	FALSE
0,014	0,295	0,000	0,008	0,021	FALSE
0,108	0,275	0,003	0,007	0,194	FALSE
-0,120	0,285	-0,002	0,007	0,121	FALSE
0,056	0,288	0,001	0,007	0,067	FALSE
-0,159	0,294	-0,004	0,007	0,226	FALSE
0,157	0,272	0,003	0,006	0,238	FALSE
0,138	0,276	0,003	0,007	0,170	FALSE
0,035	0,296	0,001	0,012	0,033	FALSE
-0,024	0,292	-0,001	0,008	0,031	FALSE
-0,040	0,299	-0,001	0,010	0,041	FALSE
-0,017	0,298	0,001	0,008	0,041	FALSE
-0,007	0,281	0,001	0,007	0,061	FALSE
-0,038	0,297	-0,001	0,008	0,041	FALSE
-0,052	0,290	0,000	0,007	0,023	FALSE
-0,034	0,285	0,000	0,007	0,014	FALSE
-0,050	0,298	-0,002	0,007	0,088	FALSE
-0,041	0,286	-0,002	0,007	0,090	FALSE
0,078	0,292	0,002	0,007	0,107	FALSE
-0,085	0,277	-0,003	0,006	0,184	FALSE
-0,173	0,278	-0,004	0,007	0,266	FALSE
0,039	0,293	0,001	0,007	0,041	FALSE
0,038	0,304	0,001	0,009	0,050	FALSE

-0,068	0,279	-0,002	0,009	0,087	FALSE
-0,129	0,296	-0,003	0,007	0,203	FALSE
-0,145	0,264	-0,002	0,008	0,093	FALSE
0,074	0,294	0,001	0,006	0,062	FALSE
0,005	0,285	0,001	0,012	0,037	FALSE
0,075	0,286	0,001	0,007	0,047	FALSE
-0,053	0,300	-0,001	0,008	0,042	FALSE
-0,081	0,281	-0,003	0,009	0,126	FALSE
0,090	0,277	0,003	0,007	0,159	FALSE
-0,038	0,286	-0,002	0,009	0,094	FALSE
0,051	0,310	0,001	0,009	0,034	FALSE
-0,046	0,292	-0,003	0,010	0,108	FALSE
0,045	0,277	0,000	0,011	0,004	FALSE
0,098	0,283	0,003	0,007	0,154	FALSE
0,027	0,294	0,000	0,007	0,009	FALSE
0,025	0,281	0,001	0,011	0,023	FALSE
-0,017	0,297	0,000	0,009	0,005	FALSE
-0,029	0,295	-0,001	0,009	0,024	FALSE
0,050	0,297	0,001	0,007	0,047	FALSE
0,027	0,296	0,001	0,007	0,032	FALSE
-0,022	0,311	-0,001	0,009	0,062	FALSE
-0,040	0,292	-0,002	0,010	0,080	FALSE
0,031	0,268	-0,001	0,009	0,025	FALSE
-0,028	0,292	-0,003	0,013	0,104	FALSE
0,035	0,300	0,001	0,013	0,034	FALSE
0,185	0,295	0,004	0,008	0,181	FALSE
0,127	0,292	0,004	0,006	0,279	FALSE
0,116	0,300	0,002	0,009	0,094	FALSE
0,011	0,285	0,000	0,007	0,007	FALSE
0,008	0,277	0,001	0,006	0,048	FALSE
-0,012	0,294	0,000	0,011	0,003	FALSE
0,012	0,294	-0,001	0,012	0,030	FALSE
-0,003	0,285	-0,001	0,011	0,019	FALSE
-0,096	0,290	-0,003	0,010	0,116	FALSE
-0,015	0,277	-0,001	0,007	0,030	FALSE
-0,055	0,281	-0,001	0,008	0,056	FALSE
-0,057	0,299	-0,003	0,010	0,096	FALSE
-0,050	0,279	-0,001	0,006	0,043	FALSE
-0,018	0,297	-0,002	0,009	0,097	FALSE
0,063	0,298	0,001	0,007	0,082	FALSE
0,085	0,287	0,002	0,012	0,076	FALSE
0,057	0,281	0,002	0,008	0,102	FALSE
-0,132	0,284	-0,003	0,008	0,149	FALSE
0,069	0,296	0,002	0,007	0,120	FALSE
0,045	0,292	0,001	0,008	0,047	FALSE
0,124	0,270	0,004	0,011	0,151	FALSE
0,029	0,288	0,001	0,006	0,041	FALSE
-0,056	0,296	-0,002	0,013	0,046	FALSE
-0,064	0,286	-0,002	0,007	0,087	FALSE
0,104	0,291	0,004	0,012	0,114	FALSE
-0,021	0,285	-0,001	0,009	0,023	FALSE
-0,008	0,289	-0,002	0,008	0,067	FALSE
0,007	0,291	0,000	0,008	0,008	FALSE

0,043	0,276	0,000	0,007	0,019	FALSE
-0,007	0,296	-0,001	0,008	0,044	FALSE
-0,014	0,299	-0,001	0,008	0,051	FALSE
-0,019	0,281	-0,001	0,008	0,045	FALSE
0,034	0,293	0,002	0,013	0,074	FALSE
0,006	0,281	-0,002	0,009	0,072	FALSE
0,053	0,288	0,003	0,010	0,097	FALSE
0,084	0,293	0,001	0,007	0,077	FALSE
0,116	0,274	0,004	0,012	0,133	FALSE
0,098	0,297	0,005	0,010	0,206	FALSE
-0,029	0,295	-0,001	0,006	0,053	FALSE
-0,106	0,293	-0,002	0,007	0,119	FALSE
-0,026	0,300	-0,002	0,013	0,064	FALSE
-0,053	0,300	-0,002	0,013	0,048	FALSE
0,136	0,274	0,004	0,007	0,265	FALSE
0,099	0,280	0,002	0,009	0,077	FALSE
0,121	0,292	0,005	0,012	0,184	FALSE
0,174	0,276	0,004	0,008	0,209	FALSE
0,101	0,289	0,004	0,013	0,135	FALSE
-0,123	0,287	-0,002	0,007	0,136	FALSE
0,059	0,294	0,004	0,011	0,131	FALSE
0,019	0,301	0,001	0,010	0,049	FALSE
0,021	0,289	0,001	0,010	0,049	FALSE
0,066	0,287	0,002	0,008	0,101	FALSE
0,034	0,305	0,001	0,010	0,019	FALSE
-0,110	0,291	-0,003	0,008	0,157	FALSE
0,019	0,288	0,001	0,013	0,038	FALSE
0,037	0,309	0,002	0,013	0,050	FALSE
0,021	0,299	-0,002	0,008	0,094	FALSE
0,090	0,292	0,005	0,013	0,161	FALSE
-0,015	0,306	0,000	0,009	0,006	FALSE
0,006	0,282	-0,001	0,006	0,068	FALSE
-0,103	0,280	-0,003	0,011	0,095	FALSE
-0,121	0,286	-0,003	0,011	0,108	FALSE
0,003	0,285	0,000	0,010	0,015	FALSE
0,024	0,294	0,000	0,008	0,020	FALSE
0,027	0,297	0,002	0,009	0,060	FALSE
0,006	0,289	0,000	0,009	0,001	FALSE
0,119	0,270	0,006	0,012	0,197	FALSE
-0,140	0,292	-0,006	0,013	0,174	FALSE
-0,008	0,282	0,000	0,009	0,016	FALSE
-0,021	0,289	-0,002	0,008	0,074	FALSE
-0,022	0,293	-0,001	0,007	0,063	FALSE
0,018	0,287	-0,001	0,008	0,028	FALSE
0,070	0,293	0,002	0,009	0,101	FALSE
-0,001	0,296	-0,001	0,008	0,035	FALSE
0,010	0,283	-0,001	0,007	0,034	FALSE
-0,032	0,274	-0,001	0,011	0,030	FALSE
0,098	0,286	0,003	0,007	0,178	FALSE
0,020	0,291	0,002	0,012	0,053	FALSE
0,003	0,287	-0,001	0,007	0,029	FALSE
0,028	0,286	0,001	0,011	0,049	FALSE
-0,040	0,283	0,000	0,009	0,007	FALSE

0,145	0,267	0,006	0,008	0,330	FALSE
0,142	0,288	0,003	0,011	0,103	FALSE
-0,073	0,282	-0,001	0,007	0,069	FALSE
-0,015	0,300	0,000	0,008	0,011	FALSE
0,056	0,295	0,003	0,011	0,118	FALSE
-0,049	0,301	-0,002	0,011	0,065	FALSE
-0,055	0,283	-0,003	0,011	0,118	FALSE
-0,040	0,273	0,000	0,006	0,006	FALSE
0,184	0,303	0,004	0,007	0,243	FALSE
-0,057	0,295	-0,002	0,013	0,048	FALSE
0,010	0,279	0,000	0,009	0,013	FALSE
0,092	0,290	0,003	0,011	0,118	FALSE
-0,010	0,293	0,000	0,008	0,003	FALSE
0,044	0,293	0,003	0,012	0,087	FALSE
0,091	0,308	0,002	0,009	0,090	FALSE
0,058	0,284	0,002	0,007	0,081	FALSE
-0,090	0,280	-0,003	0,009	0,120	FALSE
-0,005	0,281	-0,001	0,013	0,029	FALSE
-0,005	0,279	-0,002	0,013	0,044	FALSE
-0,013	0,273	-0,001	0,013	0,039	FALSE
0,031	0,295	0,002	0,008	0,083	FALSE
-0,044	0,295	-0,002	0,011	0,073	FALSE
0,140	0,286	0,003	0,007	0,198	FALSE
-0,011	0,284	0,000	0,008	0,018	FALSE
0,009	0,299	-0,001	0,010	0,045	FALSE
0,134	0,279	0,003	0,007	0,211	FALSE
-0,088	0,280	-0,001	0,006	0,048	FALSE
-0,159	0,297	-0,005	0,013	0,151	FALSE
-0,097	0,283	-0,003	0,007	0,153	FALSE
-0,095	0,294	-0,002	0,006	0,121	FALSE
0,064	0,273	0,002	0,007	0,112	FALSE
0,005	0,291	0,001	0,008	0,031	FALSE
0,025	0,288	0,000	0,011	0,006	FALSE
-0,015	0,277	-0,001	0,008	0,042	FALSE
-0,033	0,284	-0,001	0,011	0,042	FALSE
0,006	0,287	0,000	0,010	0,002	FALSE
0,034	0,286	0,000	0,010	0,015	FALSE
-0,008	0,266	-0,001	0,008	0,042	FALSE
0,017	0,305	0,000	0,010	0,007	FALSE
-0,023	0,278	-0,001	0,011	0,026	FALSE
-0,047	0,294	-0,002	0,013	0,060	FALSE
-0,019	0,298	0,000	0,012	0,002	FALSE
-0,091	0,279	-0,004	0,012	0,122	FALSE
-0,082	0,286	-0,004	0,013	0,108	FALSE
0,107	0,293	0,007	0,013	0,215	FALSE
0,070	0,292	0,003	0,012	0,096	FALSE
-0,089	0,299	-0,004	0,009	0,170	FALSE
-0,074	0,295	-0,001	0,008	0,034	FALSE
-0,072	0,286	-0,003	0,012	0,109	FALSE
-0,046	0,306	-0,002	0,011	0,074	FALSE
-0,057	0,314	-0,003	0,011	0,097	FALSE
-0,064	0,300	-0,001	0,012	0,042	FALSE
-0,084	0,299	-0,004	0,009	0,174	FALSE

0,075	0,293	0,002	0,007	0,088	FALSE
0,062	0,277	0,001	0,007	0,062	FALSE
0,068	0,299	0,001	0,012	0,042	FALSE
0,048	0,293	0,002	0,010	0,090	FALSE
-0,030	0,280	0,001	0,009	0,021	FALSE
-0,037	0,293	0,001	0,010	0,027	FALSE
0,044	0,283	0,001	0,012	0,031	FALSE
0,027	0,290	0,001	0,012	0,037	FALSE
0,006	0,286	0,003	0,013	0,089	FALSE
-0,105	0,286	-0,003	0,006	0,216	FALSE
0,075	0,307	0,002	0,008	0,110	FALSE
0,044	0,294	0,001	0,008	0,027	FALSE
0,014	0,297	0,001	0,007	0,067	FALSE
0,004	0,302	0,001	0,012	0,017	FALSE
0,034	0,302	0,001	0,007	0,079	FALSE
-0,035	0,283	-0,002	0,011	0,067	FALSE
0,041	0,272	0,000	0,009	0,015	FALSE
-0,142	0,284	-0,003	0,007	0,171	FALSE
-0,030	0,301	-0,001	0,010	0,033	FALSE
-0,145	0,287	-0,003	0,007	0,158	FALSE
-0,108	0,292	-0,001	0,007	0,066	FALSE
-0,166	0,279	-0,005	0,012	0,175	FALSE
-0,032	0,289	-0,001	0,009	0,050	FALSE
-0,050	0,303	-0,001	0,013	0,031	FALSE
0,197	0,280	0,006	0,008	0,322	FALSE
0,097	0,292	0,003	0,011	0,095	FALSE
-0,089	0,307	-0,002	0,011	0,064	FALSE
0,046	0,283	-0,001	0,009	0,020	FALSE
0,129	0,284	0,001	0,007	0,054	FALSE
-0,090	0,282	-0,003	0,007	0,199	FALSE
-0,142	0,283	-0,005	0,012	0,178	FALSE
-0,080	0,293	-0,003	0,007	0,168	FALSE
0,000	0,282	0,000	0,012	0,000	FALSE
0,111	0,281	0,003	0,011	0,126	FALSE
-0,036	0,278	-0,003	0,009	0,145	FALSE
0,002	0,317	0,000	0,013	0,007	FALSE
-0,084	0,295	-0,002	0,007	0,124	FALSE
-0,020	0,290	-0,001	0,010	0,035	FALSE
-0,039	0,301	-0,001	0,007	0,065	FALSE
0,036	0,297	0,001	0,006	0,037	FALSE
0,023	0,296	0,000	0,007	0,017	FALSE
0,071	0,273	0,003	0,013	0,086	FALSE
0,014	0,298	0,002	0,013	0,048	FALSE
-0,061	0,288	-0,001	0,007	0,036	FALSE
0,059	0,297	0,002	0,009	0,069	FALSE
-0,061	0,285	-0,002	0,012	0,075	FALSE
0,029	0,285	0,001	0,010	0,044	FALSE
0,040	0,275	0,002	0,009	0,069	FALSE
0,116	0,276	0,002	0,008	0,124	FALSE
-0,057	0,293	-0,001	0,010	0,032	FALSE
0,073	0,274	0,001	0,007	0,044	FALSE
-0,035	0,297	0,001	0,013	0,019	FALSE
-0,180	0,289	-0,005	0,010	0,192	FALSE

0,094	0,301	0,002	0,011	0,064	FALSE
-0,027	0,297	-0,001	0,010	0,035	FALSE
-0,020	0,293	-0,001	0,010	0,043	FALSE
-0,226	0,277	-0,006	0,008	0,315	FALSE
-0,031	0,288	0,000	0,007	0,022	FALSE
-0,133	0,293	-0,002	0,007	0,141	FALSE
0,044	0,287	0,002	0,008	0,091	FALSE
0,035	0,276	-0,001	0,013	0,028	FALSE
0,039	0,278	-0,001	0,012	0,027	FALSE
0,046	0,280	0,002	0,007	0,098	FALSE
0,012	0,296	0,002	0,012	0,045	FALSE
-0,070	0,297	-0,003	0,012	0,112	FALSE
0,089	0,277	0,001	0,009	0,064	FALSE
-0,112	0,293	-0,002	0,013	0,068	FALSE
0,124	0,278	0,002	0,008	0,120	FALSE
-0,143	0,282	-0,004	0,013	0,131	FALSE
-0,024	0,295	-0,002	0,011	0,067	FALSE
-0,015	0,285	-0,001	0,011	0,048	FALSE
-0,082	0,302	-0,003	0,012	0,079	FALSE
-0,065	0,296	-0,001	0,012	0,042	FALSE
-0,095	0,278	-0,001	0,008	0,071	FALSE
-0,034	0,301	-0,001	0,012	0,029	FALSE
-0,052	0,294	-0,001	0,009	0,052	FALSE
0,041	0,296	0,002	0,010	0,080	FALSE
-0,047	0,295	-0,001	0,011	0,043	FALSE
-0,051	0,283	-0,003	0,011	0,101	FALSE
-0,024	0,280	-0,002	0,012	0,062	FALSE
0,082	0,296	0,001	0,008	0,052	FALSE
-0,013	0,292	-0,002	0,010	0,064	FALSE
-0,005	0,279	0,000	0,013	0,003	FALSE
0,074	0,289	0,004	0,013	0,116	FALSE
-0,168	0,288	-0,004	0,011	0,152	FALSE
-0,032	0,300	-0,001	0,007	0,062	FALSE
0,002	0,288	0,000	0,008	0,006	FALSE
-0,063	0,278	-0,001	0,009	0,055	FALSE
0,000	0,273	0,000	0,006	0,000	FALSE
-0,034	0,303	-0,001	0,012	0,041	FALSE
-0,008	0,309	0,000	0,012	0,003	FALSE
0,144	0,299	0,004	0,009	0,168	FALSE
0,014	0,281	0,002	0,012	0,049	FALSE
0,021	0,280	0,001	0,006	0,040	FALSE
-0,035	0,280	0,000	0,012	0,011	FALSE
-0,034	0,301	-0,002	0,013	0,048	FALSE
0,015	0,297	0,000	0,007	0,010	FALSE
-0,090	0,287	-0,002	0,010	0,089	FALSE
0,086	0,270	0,004	0,012	0,133	FALSE
0,147	0,286	0,003	0,007	0,171	FALSE
0,126	0,294	0,003	0,007	0,189	FALSE
-0,101	0,294	-0,003	0,009	0,120	FALSE
-0,080	0,289	-0,003	0,008	0,120	FALSE
-0,100	0,290	-0,002	0,010	0,090	FALSE
-0,045	0,301	-0,001	0,010	0,022	FALSE
-0,106	0,295	-0,003	0,010	0,113	FALSE

-0,057	0,285	-0,001	0,008	0,045	FALSE
0,000	0,296	-0,001	0,010	0,042	FALSE
0,072	0,277	0,002	0,007	0,110	FALSE
0,091	0,277	0,002	0,007	0,112	FALSE
-0,139	0,294	-0,006	0,012	0,198	FALSE
-0,119	0,282	-0,005	0,012	0,155	FALSE
-0,114	0,286	-0,004	0,011	0,147	FALSE
-0,022	0,292	0,000	0,008	0,018	FALSE
-0,047	0,286	-0,001	0,011	0,025	FALSE
-0,023	0,291	0,000	0,009	0,001	FALSE
0,007	0,293	0,000	0,009	0,011	FALSE
-0,007	0,289	0,001	0,006	0,033	FALSE
-0,079	0,286	-0,002	0,007	0,121	FALSE
-0,027	0,298	-0,001	0,013	0,023	FALSE
-0,046	0,283	-0,001	0,007	0,070	FALSE
-0,021	0,298	-0,002	0,009	0,073	FALSE
-0,034	0,298	-0,002	0,007	0,114	FALSE
-0,130	0,294	-0,004	0,010	0,152	FALSE
0,095	0,288	0,002	0,007	0,083	FALSE
0,012	0,286	0,001	0,011	0,016	FALSE
0,003	0,298	0,000	0,012	0,010	FALSE
0,095	0,290	0,005	0,011	0,186	FALSE
0,026	0,289	0,000	0,008	0,020	FALSE
0,039	0,290	0,002	0,013	0,070	FALSE
-0,061	0,283	-0,002	0,012	0,059	FALSE
0,053	0,271	0,003	0,011	0,100	FALSE
0,176	0,279	0,005	0,007	0,277	FALSE
-0,059	0,295	-0,002	0,012	0,052	FALSE
0,073	0,287	0,002	0,009	0,075	FALSE
0,110	0,279	0,003	0,007	0,154	FALSE
0,136	0,294	0,003	0,007	0,153	FALSE
0,141	0,284	0,004	0,007	0,215	FALSE
0,029	0,289	0,001	0,010	0,032	FALSE
0,048	0,284	0,000	0,007	0,011	FALSE
0,197	0,281	0,009	0,012	0,316	FALSE
0,170	0,277	0,007	0,012	0,257	FALSE
-0,107	0,282	-0,002	0,007	0,097	FALSE
0,054	0,286	0,000	0,008	0,002	FALSE
0,032	0,291	-0,001	0,008	0,031	FALSE
-0,152	0,293	-0,004	0,007	0,198	FALSE
0,076	0,294	0,002	0,013	0,047	FALSE
0,099	0,286	0,003	0,008	0,136	FALSE
-0,121	0,281	-0,004	0,009	0,178	FALSE
0,091	0,280	0,003	0,007	0,151	FALSE
0,132	0,268	0,004	0,011	0,154	FALSE
0,134	0,277	0,003	0,011	0,115	FALSE
0,144	0,287	0,004	0,012	0,122	FALSE
0,051	0,300	0,001	0,011	0,032	FALSE
-0,012	0,278	0,001	0,012	0,020	FALSE
-0,018	0,300	0,000	0,007	0,021	FALSE
0,048	0,301	0,000	0,011	0,015	FALSE
-0,014	0,293	0,001	0,010	0,025	FALSE
-0,159	0,277	-0,005	0,010	0,209	FALSE

0,125	0,296	0,002	0,008	0,099	FALSE
0,092	0,282	0,004	0,012	0,145	FALSE
0,004	0,283	0,000	0,008	0,008	FALSE
0,134	0,274	0,006	0,011	0,264	FALSE
-0,130	0,295	-0,005	0,010	0,187	FALSE
-0,070	0,291	-0,002	0,008	0,117	FALSE
-0,042	0,294	-0,002	0,008	0,081	FALSE
-0,030	0,286	0,000	0,010	0,006	FALSE
0,118	0,283	0,005	0,008	0,230	FALSE
-0,107	0,293	-0,003	0,012	0,078	FALSE
-0,063	0,290	-0,005	0,013	0,147	FALSE
-0,041	0,282	-0,005	0,013	0,144	FALSE
0,063	0,299	0,002	0,008	0,101	FALSE
0,047	0,289	0,003	0,010	0,114	FALSE
-0,029	0,294	-0,001	0,007	0,051	FALSE
0,052	0,307	0,001	0,007	0,027	FALSE
0,039	0,284	0,001	0,006	0,032	FALSE
-0,095	0,296	-0,003	0,008	0,163	FALSE
-0,118	0,286	-0,003	0,007	0,168	FALSE
-0,139	0,274	-0,004	0,007	0,220	FALSE
0,075	0,277	0,003	0,012	0,098	FALSE
-0,023	0,293	-0,001	0,007	0,069	FALSE
-0,060	0,284	-0,002	0,008	0,069	FALSE
0,102	0,290	0,002	0,007	0,120	FALSE
-0,120	0,284	-0,004	0,009	0,191	FALSE
0,114	0,267	0,003	0,011	0,122	FALSE
-0,108	0,269	-0,002	0,007	0,094	FALSE
0,164	0,284	0,003	0,010	0,134	FALSE
0,003	0,289	0,001	0,012	0,037	FALSE
-0,002	0,295	-0,001	0,012	0,036	FALSE
0,039	0,285	0,000	0,008	0,012	FALSE
0,061	0,292	0,001	0,010	0,029	FALSE
-0,063	0,287	-0,001	0,011	0,030	FALSE
0,005	0,295	-0,001	0,011	0,031	FALSE
-0,114	0,286	-0,003	0,008	0,154	FALSE
0,015	0,292	0,001	0,006	0,035	FALSE
-0,073	0,283	-0,002	0,007	0,111	FALSE
0,028	0,278	0,002	0,009	0,066	FALSE
0,047	0,277	0,003	0,010	0,098	FALSE
-0,085	0,294	-0,002	0,009	0,070	FALSE
0,031	0,289	0,000	0,008	0,008	FALSE
-0,109	0,286	-0,004	0,013	0,125	FALSE
-0,069	0,289	-0,002	0,010	0,091	FALSE
0,055	0,287	0,000	0,013	0,001	FALSE
-0,012	0,285	-0,001	0,011	0,044	FALSE
-0,005	0,291	0,000	0,009	0,002	FALSE
0,036	0,285	0,004	0,011	0,132	FALSE
0,058	0,303	0,000	0,007	0,002	FALSE
-0,042	0,281	-0,001	0,008	0,037	FALSE
0,024	0,292	0,002	0,012	0,053	FALSE
-0,051	0,284	0,000	0,006	0,026	FALSE
-0,057	0,289	-0,001	0,007	0,038	FALSE
-0,054	0,288	-0,001	0,008	0,062	FALSE

0,040	0,280	0,002	0,009	0,074	FALSE
0,053	0,288	0,000	0,011	0,013	FALSE
0,015	0,277	0,002	0,012	0,072	FALSE
0,045	0,305	0,002	0,008	0,089	FALSE
0,025	0,297	0,001	0,011	0,036	FALSE
0,001	0,287	0,000	0,009	0,005	FALSE
0,082	0,300	0,004	0,013	0,129	FALSE
-0,044	0,291	0,000	0,007	0,014	FALSE
-0,022	0,279	-0,001	0,007	0,063	FALSE
0,186	0,278	0,007	0,012	0,244	FALSE
0,129	0,283	0,006	0,009	0,280	FALSE
0,058	0,288	0,002	0,013	0,048	FALSE
0,059	0,281	0,002	0,013	0,067	FALSE
0,152	0,282	0,004	0,009	0,194	FALSE
-0,068	0,299	-0,001	0,008	0,049	FALSE
0,130	0,282	0,003	0,007	0,157	FALSE
0,048	0,304	0,000	0,010	0,000	FALSE
0,053	0,293	-0,001	0,009	0,030	FALSE
-0,079	0,292	-0,001	0,007	0,066	FALSE
0,059	0,287	0,001	0,007	0,070	FALSE
-0,086	0,291	-0,001	0,007	0,065	FALSE
0,140	0,296	0,004	0,008	0,174	FALSE
0,006	0,280	0,000	0,011	0,010	FALSE
0,045	0,300	0,000	0,008	0,002	FALSE
-0,069	0,286	-0,002	0,012	0,048	FALSE
0,040	0,295	0,002	0,011	0,060	FALSE
0,063	0,300	0,003	0,011	0,087	FALSE
0,052	0,295	0,002	0,013	0,045	FALSE
0,003	0,278	0,001	0,007	0,053	FALSE
-0,031	0,295	-0,002	0,013	0,065	FALSE
0,087	0,281	0,006	0,013	0,179	FALSE
0,064	0,297	0,002	0,008	0,094	FALSE
-0,019	0,289	0,001	0,009	0,043	FALSE
0,050	0,287	0,005	0,012	0,153	FALSE
0,126	0,288	0,002	0,013	0,071	FALSE
0,032	0,297	-0,001	0,010	0,052	FALSE
0,141	0,275	0,002	0,010	0,056	FALSE
0,001	0,289	0,001	0,007	0,060	FALSE
0,144	0,295	0,005	0,010	0,197	FALSE
-0,091	0,295	-0,003	0,008	0,163	FALSE
-0,003	0,287	-0,001	0,009	0,027	FALSE
0,088	0,298	0,002	0,008	0,104	FALSE
-0,157	0,291	-0,005	0,012	0,165	FALSE
0,064	0,301	0,001	0,008	0,032	FALSE
0,004	0,295	0,000	0,008	0,006	FALSE
0,096	0,292	0,001	0,007	0,070	FALSE
-0,090	0,285	-0,004	0,013	0,137	FALSE
-0,031	0,298	-0,001	0,007	0,066	FALSE
0,105	0,274	0,005	0,011	0,166	FALSE
-0,047	0,292	0,001	0,012	0,017	FALSE
-0,102	0,299	-0,004	0,010	0,170	FALSE
0,122	0,288	0,005	0,012	0,181	FALSE
-0,125	0,301	-0,006	0,013	0,195	FALSE

0,118	0,290	0,006	0,012	0,198	FALSE
-0,099	0,292	-0,004	0,012	0,140	FALSE
-0,093	0,296	-0,004	0,012	0,114	FALSE
0,056	0,291	0,001	0,007	0,042	FALSE
-0,141	0,298	-0,006	0,013	0,185	FALSE
0,021	0,293	0,001	0,009	0,059	FALSE
-0,008	0,282	-0,001	0,008	0,052	FALSE
-0,072	0,285	-0,002	0,006	0,115	FALSE
-0,034	0,292	-0,003	0,012	0,083	FALSE
0,111	0,286	0,003	0,009	0,146	FALSE
0,044	0,297	0,000	0,012	0,010	FALSE
0,074	0,293	0,002	0,012	0,048	FALSE
-0,050	0,286	0,000	0,009	0,007	FALSE
0,047	0,283	0,000	0,011	0,010	FALSE
0,090	0,300	0,002	0,011	0,072	FALSE
0,095	0,295	0,003	0,007	0,160	FALSE
-0,042	0,289	-0,001	0,007	0,075	FALSE
-0,050	0,305	-0,002	0,012	0,051	FALSE
-0,157	0,298	-0,003	0,007	0,170	FALSE
0,014	0,295	0,000	0,007	0,014	FALSE
-0,128	0,278	-0,003	0,009	0,136	FALSE
0,078	0,285	0,002	0,008	0,070	FALSE
0,042	0,299	0,001	0,013	0,040	FALSE
-0,083	0,291	-0,003	0,008	0,140	FALSE
0,019	0,306	0,001	0,007	0,034	FALSE
0,054	0,289	0,001	0,006	0,068	FALSE
0,055	0,298	0,002	0,012	0,057	FALSE
0,080	0,304	0,003	0,012	0,100	FALSE
0,119	0,291	0,005	0,011	0,188	FALSE
0,125	0,289	0,004	0,011	0,150	FALSE
0,097	0,285	0,003	0,011	0,116	FALSE
-0,066	0,290	-0,003	0,010	0,126	FALSE
-0,089	0,296	-0,003	0,012	0,091	FALSE
-0,112	0,292	-0,006	0,012	0,199	FALSE
-0,076	0,291	-0,004	0,011	0,137	FALSE
-0,050	0,278	-0,003	0,011	0,124	FALSE
-0,020	0,272	0,001	0,010	0,056	FALSE
-0,085	0,296	-0,002	0,007	0,128	FALSE
-0,075	0,286	-0,001	0,007	0,033	FALSE
-0,062	0,294	-0,003	0,007	0,169	FALSE
-0,053	0,310	-0,003	0,010	0,123	FALSE
-0,025	0,297	0,001	0,013	0,030	FALSE
-0,001	0,288	-0,001	0,009	0,060	FALSE
-0,111	0,275	-0,005	0,012	0,192	FALSE
0,154	0,310	0,003	0,007	0,181	FALSE
0,057	0,288	0,000	0,013	0,002	FALSE
0,052	0,284	0,002	0,011	0,060	FALSE
0,109	0,279	0,004	0,012	0,145	FALSE
-0,037	0,294	-0,001	0,007	0,039	FALSE
0,031	0,299	0,001	0,008	0,044	FALSE
0,013	0,276	0,002	0,006	0,106	FALSE
0,086	0,302	0,003	0,012	0,089	FALSE
0,167	0,277	0,004	0,006	0,243	FALSE

-0,014	0,290	-0,002	0,012	0,067	FALSE
0,080	0,276	0,005	0,013	0,143	FALSE
0,018	0,282	-0,001	0,007	0,064	FALSE
-0,039	0,293	-0,001	0,012	0,015	FALSE
0,011	0,294	0,001	0,007	0,031	FALSE
0,090	0,275	0,001	0,012	0,034	FALSE
-0,040	0,281	-0,001	0,007	0,071	FALSE
-0,115	0,295	-0,003	0,007	0,167	FALSE
0,097	0,306	0,001	0,010	0,046	FALSE
-0,006	0,294	-0,001	0,010	0,023	FALSE
0,042	0,284	-0,001	0,007	0,056	FALSE
-0,001	0,279	-0,002	0,009	0,096	FALSE
-0,040	0,287	0,001	0,010	0,024	FALSE
-0,158	0,277	-0,006	0,012	0,215	FALSE
0,131	0,274	0,003	0,007	0,199	FALSE
-0,122	0,281	-0,004	0,009	0,174	FALSE
-0,061	0,279	-0,002	0,007	0,107	FALSE
0,042	0,295	0,003	0,013	0,082	FALSE
0,074	0,292	0,004	0,011	0,139	FALSE
-0,138	0,284	-0,005	0,011	0,185	FALSE
0,057	0,289	0,004	0,013	0,135	FALSE
0,028	0,279	0,003	0,013	0,080	FALSE
-0,076	0,301	-0,003	0,009	0,143	FALSE
0,039	0,286	0,000	0,013	0,003	FALSE
0,031	0,290	0,001	0,013	0,027	FALSE
-0,064	0,295	-0,004	0,013	0,126	FALSE
0,071	0,285	0,001	0,008	0,071	FALSE
0,054	0,288	0,004	0,013	0,110	FALSE
0,016	0,287	0,001	0,009	0,058	FALSE
-0,025	0,290	0,000	0,010	0,009	FALSE
0,043	0,301	0,001	0,007	0,052	FALSE
0,076	0,286	0,004	0,012	0,129	FALSE
0,003	0,281	0,000	0,012	0,012	FALSE
-0,019	0,297	-0,001	0,010	0,024	FALSE
-0,021	0,288	-0,002	0,012	0,048	FALSE
-0,055	0,284	-0,003	0,012	0,100	FALSE
0,105	0,286	0,003	0,012	0,090	FALSE
-0,022	0,289	-0,001	0,009	0,059	FALSE
-0,110	0,287	-0,003	0,007	0,180	FALSE
-0,086	0,286	-0,002	0,007	0,117	FALSE
0,001	0,279	0,000	0,012	0,003	FALSE
-0,105	0,295	-0,003	0,009	0,164	FALSE
-0,086	0,305	-0,002	0,007	0,112	FALSE
0,137	0,280	0,008	0,012	0,307	FALSE
0,108	0,285	0,004	0,009	0,200	FALSE
-0,028	0,291	-0,002	0,012	0,065	FALSE
0,028	0,284	-0,001	0,010	0,032	FALSE
0,016	0,294	0,000	0,009	0,001	FALSE
-0,159	0,283	-0,004	0,009	0,183	FALSE
-0,028	0,296	-0,003	0,013	0,072	FALSE
0,024	0,295	0,002	0,013	0,059	FALSE
0,006	0,279	0,000	0,008	0,014	FALSE
0,077	0,310	0,001	0,011	0,024	FALSE

0,101	0,275	0,002	0,008	0,108	FALSE
-0,005	0,294	-0,001	0,008	0,024	FALSE
-0,052	0,276	0,000	0,007	0,013	FALSE
0,035	0,299	0,002	0,011	0,082	FALSE
0,011	0,276	0,001	0,011	0,041	FALSE
-0,172	0,288	-0,005	0,009	0,240	FALSE
-0,139	0,282	-0,002	0,007	0,130	FALSE
-0,135	0,282	-0,005	0,009	0,207	FALSE
-0,047	0,297	-0,002	0,011	0,059	FALSE
-0,004	0,290	0,001	0,011	0,041	FALSE
-0,061	0,289	-0,001	0,006	0,038	FALSE
0,053	0,296	0,001	0,009	0,034	FALSE
0,086	0,285	0,002	0,008	0,073	FALSE
-0,047	0,286	0,000	0,007	0,025	FALSE
-0,070	0,294	-0,001	0,008	0,024	FALSE
0,075	0,297	0,003	0,011	0,127	FALSE
-0,084	0,286	-0,004	0,013	0,133	FALSE
-0,015	0,293	-0,001	0,008	0,032	FALSE
0,018	0,295	0,000	0,006	0,022	FALSE
-0,017	0,281	0,001	0,007	0,030	FALSE
0,207	0,285	0,005	0,011	0,206	FALSE
0,167	0,291	0,003	0,007	0,212	FALSE
-0,036	0,299	0,000	0,008	0,016	FALSE
-0,046	0,280	-0,001	0,006	0,035	FALSE
-0,057	0,284	-0,001	0,007	0,045	FALSE
0,079	0,285	0,001	0,007	0,043	FALSE
0,073	0,288	0,002	0,009	0,076	FALSE
-0,068	0,299	-0,002	0,007	0,101	FALSE
0,053	0,288	0,001	0,008	0,042	FALSE
-0,014	0,293	0,001	0,009	0,044	FALSE
0,113	0,273	0,004	0,012	0,153	FALSE
0,119	0,296	0,002	0,007	0,130	FALSE
-0,024	0,277	-0,001	0,012	0,030	FALSE
-0,031	0,285	-0,002	0,011	0,055	FALSE
0,080	0,300	0,002	0,010	0,081	FALSE
0,061	0,289	0,002	0,012	0,061	FALSE
-0,276	0,268	-0,008	0,010	0,391	FALSE
-0,091	0,298	-0,003	0,009	0,155	FALSE
-0,086	0,281	-0,001	0,008	0,050	FALSE
-0,100	0,295	-0,002	0,008	0,084	FALSE
0,040	0,287	0,001	0,013	0,024	FALSE
-0,009	0,289	0,001	0,008	0,029	FALSE
0,025	0,293	0,002	0,008	0,079	FALSE
0,002	0,295	0,001	0,009	0,051	FALSE
0,020	0,292	0,000	0,008	0,004	FALSE
0,045	0,280	0,002	0,011	0,050	FALSE
0,006	0,291	0,000	0,008	0,012	FALSE
-0,159	0,269	-0,003	0,007	0,166	FALSE
0,133	0,286	0,002	0,007	0,124	FALSE
0,023	0,279	0,001	0,010	0,050	FALSE
0,090	0,286	0,002	0,009	0,079	FALSE
-0,089	0,285	-0,002	0,009	0,063	FALSE
0,051	0,276	0,007	0,012	0,225	FALSE

0,046	0,288	0,000	0,011	0,007	FALSE
-0,004	0,301	-0,001	0,013	0,017	FALSE
0,102	0,306	0,004	0,013	0,137	FALSE
-0,126	0,297	-0,002	0,007	0,102	FALSE
-0,104	0,280	-0,001	0,007	0,070	FALSE
-0,086	0,289	-0,001	0,008	0,039	FALSE
-0,106	0,290	-0,001	0,008	0,061	FALSE
0,053	0,292	0,002	0,009	0,071	FALSE
0,062	0,278	0,001	0,012	0,027	FALSE
0,074	0,291	0,002	0,012	0,049	FALSE
-0,084	0,286	-0,002	0,009	0,079	FALSE
0,064	0,286	0,002	0,009	0,091	FALSE
-0,124	0,289	-0,005	0,009	0,201	FALSE
0,093	0,303	0,002	0,009	0,102	FALSE
-0,024	0,287	0,000	0,009	0,001	FALSE
0,111	0,300	0,007	0,013	0,215	FALSE
-0,111	0,295	-0,004	0,013	0,116	FALSE
-0,094	0,279	-0,001	0,011	0,035	FALSE
0,080	0,294	0,003	0,008	0,164	FALSE
-0,002	0,289	0,000	0,007	0,004	FALSE
0,048	0,292	0,000	0,010	0,011	FALSE
0,140	0,296	0,003	0,011	0,104	FALSE
-0,109	0,302	-0,004	0,011	0,133	FALSE
0,020	0,292	0,001	0,007	0,048	FALSE
0,214	0,265	0,008	0,010	0,352	FALSE
-0,023	0,295	-0,001	0,007	0,058	FALSE
0,024	0,300	0,001	0,010	0,027	FALSE
0,002	0,286	0,000	0,009	0,012	FALSE
-0,045	0,288	-0,001	0,007	0,063	FALSE
-0,054	0,273	-0,003	0,007	0,153	FALSE
-0,011	0,282	-0,001	0,011	0,020	FALSE
0,110	0,299	0,003	0,006	0,188	FALSE
0,047	0,288	0,001	0,009	0,048	FALSE
-0,054	0,286	-0,001	0,012	0,022	FALSE
0,116	0,295	0,002	0,007	0,131	FALSE
0,156	0,288	0,003	0,008	0,142	FALSE
-0,016	0,298	-0,001	0,008	0,053	FALSE
0,040	0,296	0,001	0,009	0,037	FALSE
-0,053	0,292	-0,003	0,012	0,104	FALSE
-0,067	0,276	0,000	0,007	0,019	FALSE
0,021	0,299	0,002	0,012	0,060	FALSE
-0,013	0,303	0,000	0,008	0,015	FALSE
-0,030	0,291	-0,003	0,009	0,109	FALSE
0,014	0,297	0,001	0,009	0,033	FALSE
0,000	0,294	-0,001	0,010	0,027	FALSE
-0,108	0,271	-0,002	0,006	0,154	FALSE
0,032	0,291	0,000	0,009	0,013	FALSE
-0,039	0,296	-0,001	0,007	0,040	FALSE
-0,028	0,291	-0,001	0,007	0,045	FALSE
-0,124	0,292	-0,003	0,007	0,170	FALSE
-0,014	0,291	-0,001	0,007	0,053	FALSE
-0,016	0,301	-0,001	0,006	0,030	FALSE
-0,012	0,302	-0,001	0,007	0,043	FALSE

-0,082	0,290	-0,001	0,008	0,061	FALSE
-0,051	0,285	-0,001	0,008	0,030	FALSE
-0,104	0,279	-0,005	0,012	0,159	FALSE
-0,026	0,308	0,000	0,008	0,004	FALSE
0,010	0,289	0,000	0,012	0,000	FALSE
-0,054	0,287	-0,002	0,006	0,116	FALSE
-0,049	0,294	-0,001	0,006	0,084	FALSE
-0,042	0,286	-0,001	0,006	0,066	FALSE
-0,009	0,304	-0,001	0,009	0,020	FALSE
0,073	0,281	0,005	0,012	0,188	FALSE
-0,001	0,294	0,000	0,008	0,018	FALSE
-0,045	0,290	-0,001	0,008	0,059	FALSE
0,069	0,290	0,000	0,007	0,005	FALSE
0,039	0,293	0,002	0,007	0,109	FALSE
0,004	0,284	0,002	0,010	0,058	FALSE
0,067	0,289	0,002	0,006	0,108	FALSE
-0,004	0,281	0,000	0,010	0,006	FALSE
-0,028	0,291	-0,001	0,010	0,022	FALSE
-0,080	0,281	-0,003	0,008	0,122	FALSE
0,066	0,283	0,001	0,013	0,036	FALSE
0,031	0,288	0,000	0,007	0,009	FALSE
-0,011	0,299	-0,001	0,013	0,030	FALSE
-0,001	0,296	-0,001	0,013	0,028	FALSE
-0,033	0,292	0,000	0,009	0,017	FALSE
0,037	0,301	0,001	0,008	0,035	FALSE
0,052	0,281	0,000	0,009	0,012	FALSE
0,010	0,286	0,000	0,007	0,003	FALSE
-0,021	0,285	0,002	0,012	0,059	FALSE
-0,140	0,281	-0,004	0,008	0,192	FALSE
0,002	0,296	-0,001	0,007	0,025	FALSE
-0,027	0,290	0,000	0,009	0,005	FALSE
0,025	0,294	0,001	0,008	0,060	FALSE
-0,046	0,302	-0,002	0,013	0,070	FALSE
0,129	0,281	0,003	0,006	0,199	FALSE
-0,068	0,294	-0,003	0,013	0,092	FALSE
-0,042	0,286	-0,001	0,009	0,029	FALSE
0,107	0,272	0,005	0,011	0,168	FALSE
0,134	0,287	0,005	0,013	0,173	FALSE
0,097	0,283	0,003	0,007	0,170	FALSE
-0,142	0,280	-0,004	0,008	0,216	FALSE
-0,062	0,315	-0,002	0,010	0,059	FALSE
-0,143	0,291	-0,003	0,008	0,174	FALSE
-0,122	0,285	-0,006	0,011	0,215	FALSE
0,035	0,286	0,000	0,010	0,008	FALSE
0,107	0,280	0,004	0,012	0,114	FALSE
-0,069	0,282	-0,002	0,013	0,067	FALSE
-0,024	0,292	-0,002	0,012	0,071	FALSE
-0,089	0,290	-0,001	0,007	0,036	FALSE
-0,007	0,280	0,001	0,010	0,023	FALSE
-0,019	0,293	0,000	0,008	0,019	FALSE
0,004	0,283	0,000	0,007	0,013	FALSE
0,143	0,282	0,004	0,007	0,204	FALSE
0,151	0,281	0,003	0,007	0,198	FALSE

0,054	0,286	0,004	0,009	0,171	FALSE
0,111	0,290	0,004	0,009	0,194	FALSE
-0,169	0,293	-0,004	0,008	0,211	FALSE
0,048	0,279	0,000	0,007	0,016	FALSE
-0,027	0,302	-0,002	0,012	0,064	FALSE
-0,034	0,303	-0,002	0,012	0,050	FALSE
-0,045	0,293	-0,003	0,011	0,088	FALSE
0,021	0,298	0,001	0,013	0,030	FALSE
-0,046	0,302	-0,003	0,011	0,086	FALSE
-0,054	0,284	-0,003	0,011	0,105	FALSE
-0,011	0,286	-0,001	0,009	0,040	FALSE
0,138	0,300	0,003	0,007	0,162	FALSE
0,097	0,310	0,003	0,009	0,111	FALSE
-0,033	0,288	0,000	0,011	0,009	FALSE
-0,062	0,285	-0,001	0,010	0,051	FALSE
-0,065	0,301	-0,002	0,012	0,054	FALSE
-0,069	0,292	-0,001	0,011	0,043	FALSE
0,035	0,288	0,000	0,006	0,024	FALSE
-0,072	0,289	-0,001	0,006	0,084	FALSE
-0,007	0,283	0,000	0,008	0,019	FALSE
0,123	0,289	0,003	0,007	0,176	FALSE
-0,083	0,280	-0,002	0,007	0,096	FALSE
-0,031	0,288	-0,001	0,007	0,030	FALSE
-0,042	0,291	-0,001	0,013	0,037	FALSE
-0,037	0,299	-0,001	0,013	0,017	FALSE
0,033	0,294	0,002	0,009	0,061	FALSE
0,078	0,288	0,001	0,007	0,060	FALSE
0,101	0,272	0,004	0,013	0,117	FALSE
0,051	0,277	0,002	0,013	0,053	FALSE
0,170	0,286	0,005	0,009	0,208	FALSE
0,139	0,287	0,003	0,009	0,156	FALSE
0,077	0,274	0,001	0,008	0,054	FALSE
-0,016	0,291	0,000	0,008	0,012	FALSE
0,109	0,268	0,003	0,011	0,102	FALSE
-0,067	0,277	0,000	0,009	0,019	FALSE
0,084	0,274	0,002	0,011	0,065	FALSE
-0,042	0,280	-0,003	0,012	0,082	FALSE
0,039	0,292	0,002	0,009	0,061	FALSE
-0,015	0,287	0,001	0,010	0,029	FALSE
0,079	0,273	0,001	0,006	0,061	FALSE
0,061	0,282	0,003	0,008	0,161	FALSE
0,079	0,278	0,001	0,008	0,049	FALSE
-0,056	0,302	-0,002	0,008	0,117	FALSE
0,088	0,281	0,003	0,006	0,178	FALSE
-0,023	0,274	-0,001	0,006	0,036	FALSE
-0,013	0,301	0,000	0,013	0,013	FALSE
0,003	0,291	0,001	0,011	0,033	FALSE
0,140	0,288	0,003	0,008	0,167	FALSE
-0,066	0,288	-0,004	0,013	0,108	FALSE
0,066	0,299	0,002	0,010	0,094	FALSE
0,048	0,280	0,004	0,012	0,119	FALSE
-0,035	0,280	-0,003	0,012	0,080	FALSE
0,038	0,279	0,001	0,010	0,020	FALSE

-0,062	0,294	-0,001	0,007	0,075	FALSE
0,066	0,293	0,002	0,007	0,118	FALSE
-0,046	0,287	-0,001	0,010	0,034	FALSE
-0,007	0,293	-0,002	0,012	0,048	FALSE
-0,032	0,299	-0,001	0,011	0,028	FALSE
-0,031	0,290	-0,001	0,009	0,059	FALSE
-0,010	0,290	0,000	0,013	0,002	FALSE
-0,018	0,300	-0,001	0,013	0,028	FALSE
0,014	0,296	0,000	0,007	0,020	FALSE
-0,004	0,295	0,000	0,009	0,010	FALSE
-0,059	0,293	-0,002	0,012	0,070	FALSE
0,044	0,284	0,002	0,007	0,094	FALSE
0,019	0,289	0,000	0,011	0,002	FALSE
0,054	0,283	0,001	0,006	0,077	FALSE
-0,105	0,283	-0,001	0,007	0,057	FALSE
0,191	0,291	0,005	0,008	0,269	FALSE
0,213	0,278	0,008	0,011	0,345	FALSE
0,034	0,313	0,001	0,007	0,075	FALSE
0,046	0,296	0,001	0,007	0,077	FALSE
-0,096	0,284	-0,002	0,007	0,110	FALSE
0,036	0,300	0,000	0,008	0,018	FALSE
0,038	0,291	0,002	0,010	0,075	FALSE
-0,023	0,288	-0,001	0,010	0,038	FALSE
-0,016	0,293	0,000	0,011	0,004	FALSE
0,001	0,295	-0,001	0,011	0,027	FALSE
-0,010	0,297	0,000	0,011	0,000	FALSE
0,042	0,284	0,000	0,008	0,009	FALSE
0,108	0,282	0,007	0,013	0,211	FALSE
0,058	0,287	0,004	0,012	0,113	FALSE
0,082	0,284	0,004	0,012	0,131	FALSE
-0,030	0,285	-0,001	0,011	0,016	FALSE
-0,011	0,304	0,001	0,008	0,022	FALSE
0,075	0,283	0,001	0,007	0,054	FALSE
0,160	0,294	0,003	0,006	0,239	FALSE
0,012	0,287	0,000	0,006	0,015	FALSE
0,086	0,291	0,001	0,007	0,038	FALSE
0,028	0,280	-0,002	0,012	0,049	FALSE
-0,098	0,288	-0,002	0,007	0,108	FALSE
0,084	0,287	0,006	0,012	0,222	FALSE
0,063	0,294	0,002	0,009	0,075	FALSE
-0,108	0,291	-0,004	0,012	0,133	FALSE
0,095	0,277	0,003	0,010	0,129	FALSE
-0,123	0,294	-0,005	0,012	0,161	FALSE
0,098	0,278	0,003	0,009	0,135	FALSE
-0,097	0,277	-0,003	0,009	0,111	FALSE
0,038	0,293	0,001	0,007	0,050	FALSE
0,016	0,293	0,000	0,013	0,005	FALSE
-0,022	0,285	0,001	0,012	0,038	FALSE
-0,105	0,295	-0,003	0,007	0,209	FALSE
0,038	0,283	0,000	0,011	0,011	FALSE
0,034	0,286	0,000	0,011	0,016	FALSE
-0,046	0,287	-0,002	0,007	0,088	FALSE
-0,016	0,276	0,001	0,007	0,027	FALSE

0,064	0,281	0,003	0,013	0,104	FALSE
0,006	0,297	0,001	0,007	0,043	FALSE
0,051	0,298	0,002	0,006	0,131	FALSE
-0,143	0,301	-0,006	0,011	0,240	FALSE
-0,180	0,294	-0,008	0,011	0,312	FALSE
-0,084	0,286	-0,002	0,010	0,057	FALSE
-0,085	0,287	-0,001	0,010	0,054	FALSE
0,058	0,291	0,003	0,011	0,108	FALSE
0,094	0,280	0,004	0,010	0,159	FALSE
0,099	0,295	0,004	0,009	0,192	FALSE
-0,053	0,283	0,001	0,013	0,021	FALSE
-0,040	0,284	-0,001	0,008	0,056	FALSE
-0,183	0,273	-0,005	0,008	0,266	FALSE
0,007	0,291	-0,001	0,013	0,020	FALSE
0,063	0,292	0,002	0,010	0,060	FALSE
-0,079	0,290	-0,002	0,009	0,064	FALSE
0,018	0,303	0,001	0,009	0,029	FALSE
0,020	0,292	0,001	0,008	0,030	FALSE
0,099	0,287	0,004	0,011	0,136	FALSE
-0,055	0,286	0,000	0,012	0,011	FALSE
0,069	0,284	0,004	0,011	0,160	FALSE
-0,002	0,284	0,001	0,010	0,042	FALSE
0,033	0,283	0,002	0,006	0,114	FALSE
-0,053	0,291	-0,002	0,011	0,057	FALSE
0,073	0,287	0,002	0,010	0,073	FALSE
0,025	0,280	0,000	0,008	0,015	FALSE
0,070	0,291	0,001	0,007	0,028	FALSE
-0,014	0,292	0,000	0,008	0,003	FALSE
0,094	0,284	0,004	0,011	0,156	FALSE
-0,126	0,284	-0,005	0,008	0,242	FALSE
0,001	0,281	0,000	0,008	0,008	FALSE
-0,013	0,292	0,000	0,013	0,009	FALSE
-0,100	0,288	-0,002	0,008	0,103	FALSE
0,005	0,288	0,000	0,006	0,010	FALSE
-0,104	0,291	-0,003	0,007	0,169	FALSE
-0,007	0,291	0,000	0,007	0,005	FALSE
-0,004	0,292	-0,001	0,007	0,041	FALSE
-0,002	0,292	0,000	0,012	0,008	FALSE
0,008	0,288	0,000	0,009	0,006	FALSE
0,061	0,281	0,004	0,012	0,141	FALSE
-0,153	0,289	-0,003	0,007	0,145	FALSE
-0,004	0,300	0,000	0,010	0,016	FALSE
-0,147	0,288	-0,006	0,012	0,202	FALSE
0,156	0,290	0,005	0,008	0,270	FALSE
-0,031	0,298	-0,001	0,013	0,017	FALSE
-0,003	0,299	0,001	0,014	0,022	FALSE
0,113	0,300	0,004	0,011	0,138	FALSE
0,138	0,284	0,005	0,011	0,198	FALSE
-0,208	0,277	-0,005	0,009	0,256	FALSE
-0,011	0,282	-0,001	0,011	0,038	FALSE
-0,081	0,301	-0,002	0,007	0,094	FALSE
0,002	0,296	0,000	0,008	0,007	FALSE
0,041	0,296	0,001	0,009	0,059	FALSE

0,043	0,286	0,001	0,012	0,021	FALSE
-0,069	0,277	-0,002	0,010	0,077	FALSE
0,082	0,282	0,006	0,013	0,183	FALSE
0,021	0,288	0,000	0,008	0,005	FALSE
0,128	0,290	0,005	0,012	0,192	FALSE
-0,111	0,279	-0,005	0,010	0,222	FALSE
0,046	0,295	0,002	0,011	0,057	FALSE
0,021	0,288	0,002	0,013	0,061	FALSE
-0,022	0,297	-0,001	0,008	0,050	FALSE
0,081	0,288	0,003	0,008	0,139	FALSE
0,101	0,293	0,005	0,011	0,173	FALSE
-0,117	0,284	-0,004	0,009	0,195	FALSE
0,028	0,283	0,001	0,013	0,031	FALSE
0,136	0,281	0,003	0,006	0,211	FALSE
-0,194	0,264	-0,006	0,012	0,222	FALSE
-0,040	0,287	-0,001	0,011	0,034	FALSE
0,137	0,298	0,005	0,011	0,203	FALSE
-0,069	0,290	-0,002	0,007	0,088	FALSE
0,132	0,288	0,004	0,006	0,256	FALSE
0,072	0,292	0,002	0,007	0,119	FALSE
-0,203	0,286	-0,005	0,009	0,238	FALSE
-0,188	0,270	-0,005	0,008	0,232	FALSE
-0,058	0,297	-0,001	0,007	0,079	FALSE
0,035	0,283	0,000	0,007	0,007	FALSE
0,048	0,295	0,001	0,009	0,050	FALSE
0,070	0,298	0,001	0,013	0,031	FALSE
-0,035	0,286	0,000	0,009	0,015	FALSE
0,044	0,307	0,001	0,011	0,040	FALSE
0,019	0,305	0,001	0,011	0,017	FALSE
-0,017	0,291	0,000	0,010	0,017	FALSE
-0,073	0,289	-0,002	0,006	0,142	FALSE
0,065	0,295	0,001	0,008	0,043	FALSE
-0,031	0,273	-0,002	0,007	0,112	FALSE
-0,154	0,284	-0,002	0,006	0,161	FALSE
0,044	0,284	0,002	0,006	0,114	FALSE
-0,047	0,307	-0,001	0,007	0,055	FALSE
0,033	0,293	0,002	0,013	0,051	FALSE
0,017	0,287	0,001	0,006	0,071	FALSE
0,092	0,281	0,004	0,010	0,151	FALSE
-0,118	0,285	-0,002	0,007	0,124	FALSE
-0,103	0,289	-0,006	0,013	0,200	FALSE
0,015	0,283	0,001	0,010	0,047	FALSE
-0,064	0,271	-0,003	0,009	0,137	FALSE
-0,206	0,285	-0,009	0,012	0,316	FALSE
-0,036	0,304	-0,001	0,012	0,014	FALSE
-0,149	0,291	-0,004	0,007	0,253	FALSE
-0,174	0,281	-0,007	0,012	0,264	FALSE
0,144	0,277	0,005	0,010	0,222	FALSE
-0,003	0,295	0,000	0,006	0,020	FALSE
-0,027	0,285	0,000	0,007	0,011	FALSE
-0,127	0,281	-0,005	0,012	0,164	FALSE
-0,126	0,289	-0,004	0,012	0,152	FALSE
0,065	0,302	0,002	0,009	0,074	FALSE

-0,031	0,285	-0,003	0,009	0,123	FALSE
0,103	0,282	0,002	0,010	0,079	FALSE
0,002	0,301	-0,001	0,009	0,028	FALSE
-0,012	0,297	-0,001	0,009	0,055	FALSE
0,006	0,291	-0,001	0,008	0,027	FALSE
0,027	0,292	0,001	0,013	0,015	FALSE
0,091	0,295	0,002	0,012	0,063	FALSE
0,034	0,295	0,002	0,012	0,050	FALSE
-0,028	0,301	0,000	0,013	0,011	FALSE
-0,036	0,297	0,000	0,013	0,009	FALSE
-0,002	0,293	0,001	0,013	0,021	FALSE
-0,068	0,286	-0,002	0,012	0,074	FALSE
-0,061	0,282	-0,004	0,012	0,113	FALSE
-0,048	0,290	-0,002	0,006	0,099	FALSE
0,093	0,298	0,004	0,009	0,173	FALSE
-0,016	0,292	0,001	0,011	0,016	FALSE
0,067	0,301	0,002	0,007	0,088	FALSE
-0,008	0,295	-0,001	0,011	0,031	FALSE
-0,008	0,307	-0,002	0,011	0,050	FALSE
0,052	0,294	0,001	0,008	0,049	FALSE
-0,215	0,287	-0,009	0,012	0,373	FALSE
-0,039	0,299	-0,001	0,013	0,020	FALSE
-0,008	0,289	0,000	0,012	0,002	FALSE
0,053	0,299	0,001	0,010	0,035	FALSE
-0,005	0,294	0,000	0,013	0,007	FALSE
0,063	0,279	0,004	0,011	0,130	FALSE
0,092	0,282	0,005	0,012	0,176	FALSE
0,080	0,282	0,004	0,012	0,145	FALSE
0,099	0,287	0,005	0,011	0,193	FALSE
-0,093	0,274	-0,006	0,013	0,191	FALSE
0,054	0,280	0,001	0,008	0,025	FALSE
-0,015	0,263	-0,001	0,012	0,043	FALSE
-0,007	0,286	0,002	0,013	0,062	FALSE
0,094	0,282	0,002	0,009	0,079	FALSE
-0,148	0,272	-0,003	0,007	0,173	FALSE
-0,045	0,287	-0,002	0,012	0,047	FALSE
-0,027	0,279	0,001	0,007	0,049	FALSE
-0,146	0,266	-0,005	0,012	0,162	FALSE
0,031	0,280	0,000	0,009	0,019	FALSE
0,019	0,291	0,000	0,009	0,018	FALSE
0,039	0,280	0,001	0,009	0,033	FALSE
0,031	0,297	0,000	0,007	0,016	FALSE
0,069	0,288	0,003	0,009	0,123	FALSE
-0,118	0,277	-0,003	0,011	0,104	FALSE
-0,125	0,282	-0,003	0,007	0,189	FALSE
-0,023	0,301	0,000	0,007	0,007	FALSE
0,084	0,279	0,001	0,010	0,049	FALSE
-0,020	0,296	0,000	0,007	0,001	FALSE
-0,099	0,269	-0,006	0,013	0,189	FALSE
0,081	0,277	0,002	0,007	0,107	FALSE
0,090	0,288	0,002	0,013	0,046	FALSE
-0,098	0,276	-0,002	0,007	0,116	FALSE
-0,078	0,289	0,000	0,007	0,020	FALSE

-0,138	0,289	-0,004	0,010	0,150	FALSE
-0,152	0,295	-0,003	0,008	0,147	FALSE
0,027	0,302	0,000	0,012	0,009	FALSE
-0,056	0,286	0,000	0,008	0,020	FALSE
0,038	0,287	0,003	0,013	0,078	FALSE
-0,158	0,287	-0,005	0,013	0,177	FALSE
0,169	0,296	0,005	0,009	0,250	FALSE
0,110	0,295	0,003	0,010	0,131	FALSE
-0,100	0,277	-0,002	0,009	0,108	FALSE
-0,060	0,296	-0,002	0,009	0,063	FALSE
-0,094	0,283	-0,003	0,008	0,126	FALSE
0,096	0,305	0,002	0,007	0,106	FALSE
-0,033	0,290	0,000	0,009	0,000	FALSE
0,095	0,303	0,002	0,006	0,121	FALSE
-0,211	0,284	-0,007	0,010	0,311	FALSE
-0,179	0,285	-0,006	0,010	0,254	FALSE
-0,203	0,272	-0,007	0,010	0,308	FALSE
0,146	0,283	0,003	0,012	0,093	FALSE
-0,079	0,281	-0,002	0,007	0,095	FALSE
-0,062	0,291	-0,003	0,012	0,078	FALSE
0,005	0,282	0,000	0,008	0,009	FALSE
0,033	0,301	0,001	0,008	0,060	FALSE
-0,184	0,281	-0,004	0,008	0,210	FALSE
0,043	0,298	0,001	0,006	0,047	FALSE
0,013	0,284	-0,001	0,008	0,030	FALSE
-0,074	0,286	-0,003	0,007	0,194	FALSE
0,018	0,283	0,002	0,009	0,076	FALSE
0,035	0,283	0,002	0,009	0,101	FALSE
0,025	0,297	0,000	0,007	0,003	FALSE
0,016	0,304	-0,001	0,008	0,050	FALSE
0,071	0,304	0,004	0,011	0,137	FALSE
0,060	0,294	0,002	0,010	0,059	FALSE
0,024	0,295	0,000	0,008	0,019	FALSE
0,046	0,300	0,000	0,010	0,008	FALSE
0,029	0,303	0,000	0,008	0,001	FALSE
-0,005	0,297	-0,001	0,009	0,041	FALSE
0,024	0,291	0,000	0,007	0,005	FALSE
0,016	0,307	0,000	0,007	0,005	FALSE
0,016	0,292	0,000	0,007	0,023	FALSE
-0,008	0,292	0,000	0,012	0,010	FALSE
-0,066	0,284	-0,001	0,008	0,059	FALSE
-0,070	0,274	0,000	0,007	0,003	FALSE
-0,098	0,289	-0,001	0,008	0,064	FALSE
0,058	0,301	0,000	0,008	0,018	FALSE
-0,025	0,285	0,000	0,009	0,001	FALSE
0,006	0,286	-0,001	0,013	0,019	FALSE
-0,059	0,282	-0,001	0,007	0,060	FALSE
0,117	0,295	0,005	0,013	0,151	FALSE
-0,064	0,279	0,000	0,011	0,015	FALSE
-0,045	0,271	-0,001	0,006	0,046	FALSE
0,108	0,294	0,003	0,011	0,116	FALSE
0,001	0,290	0,000	0,007	0,001	FALSE
-0,052	0,285	-0,001	0,006	0,034	FALSE

-0,001	0,282	0,001	0,011	0,022	FALSE
-0,046	0,292	0,000	0,006	0,010	FALSE
-0,040	0,294	0,000	0,008	0,015	FALSE
-0,014	0,297	-0,001	0,012	0,024	FALSE
-0,073	0,290	-0,002	0,008	0,099	FALSE
-0,069	0,283	-0,002	0,012	0,047	FALSE
-0,067	0,298	-0,002	0,008	0,082	FALSE
-0,021	0,276	0,000	0,009	0,013	FALSE
0,016	0,299	-0,001	0,010	0,034	FALSE
-0,016	0,296	-0,001	0,010	0,027	FALSE
0,086	0,288	0,004	0,011	0,138	FALSE
0,094	0,282	0,003	0,011	0,104	FALSE
0,146	0,285	0,006	0,010	0,244	FALSE
-0,085	0,276	-0,001	0,010	0,030	FALSE
-0,045	0,289	-0,001	0,008	0,067	FALSE
-0,041	0,292	-0,001	0,010	0,019	FALSE
-0,116	0,299	-0,004	0,011	0,141	FALSE
-0,060	0,286	-0,002	0,010	0,061	FALSE
0,054	0,276	0,000	0,012	0,005	FALSE
0,064	0,279	0,003	0,009	0,120	FALSE
0,024	0,293	0,001	0,011	0,032	FALSE
-0,126	0,300	-0,004	0,013	0,127	FALSE
0,006	0,292	0,000	0,011	0,013	FALSE
0,143	0,296	0,003	0,007	0,171	FALSE
0,099	0,280	0,002	0,007	0,101	FALSE
-0,060	0,286	0,000	0,012	0,004	FALSE
-0,080	0,283	-0,001	0,007	0,083	FALSE
0,037	0,298	0,001	0,009	0,049	FALSE
0,047	0,288	0,001	0,009	0,053	FALSE
0,036	0,298	0,001	0,009	0,047	FALSE
-0,082	0,296	-0,004	0,012	0,125	FALSE
-0,085	0,296	-0,002	0,006	0,102	FALSE
-0,056	0,291	0,000	0,013	0,002	FALSE
-0,116	0,283	-0,003	0,012	0,096	FALSE
-0,052	0,291	-0,001	0,008	0,048	FALSE
0,003	0,315	0,000	0,013	0,012	FALSE
0,114	0,283	0,002	0,006	0,094	FALSE
0,053	0,294	0,001	0,009	0,020	FALSE
-0,121	0,278	-0,005	0,010	0,235	FALSE
0,025	0,283	0,000	0,013	0,003	FALSE
-0,024	0,278	-0,001	0,008	0,026	FALSE
-0,080	0,300	-0,002	0,012	0,071	FALSE
-0,075	0,286	-0,001	0,012	0,047	FALSE
-0,133	0,295	-0,003	0,008	0,158	FALSE
-0,065	0,286	-0,001	0,011	0,052	FALSE
0,035	0,297	0,001	0,010	0,040	FALSE
0,092	0,277	0,003	0,006	0,164	FALSE
0,089	0,293	0,003	0,008	0,138	FALSE
-0,120	0,281	-0,003	0,010	0,119	FALSE
-0,108	0,286	-0,003	0,011	0,110	FALSE
0,175	0,288	0,006	0,008	0,331	FALSE
-0,122	0,291	-0,003	0,011	0,109	FALSE
0,010	0,290	0,000	0,012	0,013	FALSE

0,133	0,288	0,004	0,008	0,207	FALSE
-0,157	0,277	-0,008	0,012	0,297	FALSE
-0,134	0,264	-0,005	0,010	0,224	FALSE
0,010	0,282	0,003	0,011	0,103	FALSE
-0,063	0,289	-0,001	0,007	0,032	FALSE
0,025	0,287	0,004	0,012	0,127	FALSE
-0,071	0,285	-0,001	0,007	0,058	FALSE
0,187	0,277	0,006	0,007	0,346	FALSE
0,184	0,276	0,005	0,007	0,358	FALSE
0,211	0,284	0,006	0,007	0,387	FALSE
0,055	0,289	0,002	0,007	0,117	FALSE
0,053	0,285	0,001	0,008	0,071	FALSE
-0,233	0,288	-0,005	0,007	0,291	FALSE
-0,093	0,304	-0,002	0,013	0,063	FALSE
0,143	0,295	0,005	0,013	0,152	FALSE
0,167	0,302	0,005	0,010	0,205	FALSE
0,133	0,287	0,004	0,013	0,135	FALSE
0,127	0,290	0,004	0,013	0,129	FALSE
0,075	0,299	0,002	0,012	0,074	FALSE
-0,193	0,274	-0,007	0,010	0,278	FALSE
0,148	0,287	0,004	0,009	0,211	FALSE
0,084	0,307	0,003	0,010	0,119	FALSE
-0,038	0,296	-0,001	0,009	0,037	FALSE
-0,031	0,286	0,000	0,006	0,022	FALSE
-0,154	0,281	-0,004	0,007	0,246	FALSE
-0,163	0,289	-0,004	0,008	0,227	FALSE
-0,115	0,289	-0,003	0,009	0,118	FALSE
-0,058	0,292	-0,002	0,008	0,089	FALSE
-0,170	0,298	-0,006	0,012	0,197	FALSE
0,054	0,287	0,002	0,009	0,069	FALSE
-0,027	0,303	0,000	0,013	0,007	FALSE
-0,042	0,303	-0,001	0,008	0,072	FALSE
-0,043	0,289	-0,001	0,008	0,058	FALSE
-0,098	0,289	-0,005	0,012	0,163	FALSE
-0,127	0,292	-0,002	0,008	0,103	FALSE
-0,139	0,286	-0,002	0,008	0,101	FALSE
-0,104	0,275	-0,001	0,007	0,079	FALSE
-0,001	0,287	0,001	0,009	0,043	FALSE
-0,014	0,299	-0,001	0,007	0,052	FALSE
-0,155	0,266	-0,003	0,006	0,173	FALSE
0,142	0,289	0,003	0,006	0,228	FALSE
-0,017	0,295	-0,002	0,013	0,052	FALSE
-0,031	0,292	-0,001	0,007	0,068	FALSE
-0,032	0,295	0,000	0,009	0,015	FALSE
0,009	0,295	-0,001	0,008	0,031	FALSE
0,010	0,294	0,000	0,010	0,016	FALSE
-0,051	0,296	-0,002	0,011	0,070	FALSE
-0,010	0,290	-0,001	0,010	0,025	FALSE
0,001	0,299	0,001	0,007	0,026	FALSE
0,040	0,298	0,002	0,012	0,061	FALSE
0,031	0,286	0,002	0,012	0,047	FALSE
0,060	0,293	0,002	0,012	0,070	FALSE
0,010	0,306	0,001	0,012	0,016	FALSE

-0,039	0,294	-0,002	0,009	0,087	FALSE
0,074	0,293	0,003	0,011	0,087	FALSE
-0,019	0,312	-0,001	0,013	0,023	FALSE
-0,017	0,300	0,000	0,012	0,011	FALSE
0,053	0,290	0,002	0,012	0,048	FALSE
0,003	0,296	0,000	0,012	0,010	FALSE
0,027	0,299	0,000	0,012	0,014	FALSE
0,020	0,289	0,000	0,011	0,006	FALSE
-0,079	0,297	-0,004	0,013	0,118	FALSE
0,016	0,295	-0,001	0,009	0,028	FALSE
-0,086	0,277	-0,004	0,012	0,120	FALSE
0,039	0,292	0,001	0,012	0,033	FALSE
-0,067	0,294	-0,001	0,007	0,070	FALSE
-0,044	0,282	0,000	0,010	0,011	FALSE
0,002	0,280	0,000	0,009	0,019	FALSE
-0,014	0,292	-0,001	0,011	0,042	FALSE
0,062	0,284	0,001	0,007	0,027	FALSE
0,045	0,284	0,000	0,006	0,014	FALSE
-0,104	0,295	-0,002	0,009	0,089	FALSE
-0,106	0,293	-0,004	0,012	0,142	FALSE
-0,020	0,290	-0,001	0,008	0,057	FALSE
-0,097	0,292	-0,004	0,011	0,160	FALSE
-0,133	0,275	-0,003	0,010	0,130	FALSE
0,050	0,290	0,002	0,006	0,117	FALSE
0,022	0,283	0,002	0,007	0,089	FALSE
0,075	0,294	0,002	0,007	0,128	FALSE
-0,048	0,305	-0,002	0,013	0,063	FALSE
0,118	0,294	0,004	0,011	0,130	FALSE
-0,011	0,285	-0,002	0,009	0,066	FALSE
-0,051	0,301	-0,003	0,010	0,111	FALSE
0,027	0,302	0,001	0,011	0,023	FALSE
-0,103	0,274	-0,003	0,008	0,145	FALSE
-0,062	0,279	-0,001	0,007	0,058	FALSE
-0,075	0,277	-0,002	0,006	0,139	FALSE
-0,095	0,287	-0,003	0,009	0,133	FALSE
-0,076	0,290	-0,002	0,007	0,087	FALSE
-0,025	0,285	0,000	0,006	0,012	FALSE
0,107	0,293	0,003	0,010	0,139	FALSE
0,034	0,292	0,001	0,007	0,038	FALSE
-0,109	0,284	-0,002	0,009	0,078	FALSE
-0,003	0,285	0,001	0,010	0,031	FALSE
0,063	0,283	0,002	0,009	0,077	FALSE
0,056	0,288	0,002	0,009	0,072	FALSE
0,078	0,270	0,002	0,008	0,112	FALSE
0,092	0,283	0,001	0,010	0,029	FALSE
-0,064	0,279	-0,003	0,012	0,086	FALSE
0,057	0,277	0,001	0,006	0,030	FALSE
0,017	0,301	0,000	0,007	0,018	FALSE
-0,050	0,298	-0,001	0,008	0,064	FALSE
-0,034	0,292	-0,001	0,008	0,030	FALSE
-0,027	0,286	-0,002	0,012	0,047	FALSE
0,053	0,290	0,002	0,009	0,086	FALSE
-0,034	0,287	0,000	0,012	0,001	FALSE

-0,043	0,293	-0,002	0,009	0,087	FALSE
0,044	0,281	0,001	0,008	0,044	FALSE
-0,050	0,285	-0,001	0,011	0,037	FALSE
0,045	0,296	0,000	0,010	0,012	FALSE
0,038	0,295	0,000	0,010	0,002	FALSE
0,026	0,281	-0,001	0,010	0,024	FALSE
-0,006	0,285	0,000	0,012	0,007	FALSE
-0,146	0,278	-0,004	0,008	0,224	FALSE
-0,001	0,298	0,000	0,012	0,009	FALSE
-0,017	0,288	-0,001	0,012	0,022	FALSE
0,102	0,282	0,004	0,008	0,209	FALSE
0,070	0,279	0,003	0,011	0,114	FALSE
-0,003	0,289	0,001	0,013	0,021	FALSE
-0,036	0,276	-0,002	0,007	0,092	FALSE
-0,060	0,292	-0,002	0,007	0,088	FALSE
-0,091	0,287	-0,002	0,006	0,144	FALSE
0,094	0,271	0,004	0,012	0,118	FALSE
0,151	0,289	0,006	0,012	0,201	FALSE
0,000	0,280	-0,001	0,008	0,028	FALSE
-0,042	0,288	-0,001	0,010	0,048	FALSE
-0,142	0,281	-0,004	0,008	0,204	FALSE
-0,105	0,286	-0,002	0,009	0,097	FALSE
-0,128	0,290	-0,002	0,007	0,123	FALSE
-0,181	0,282	-0,004	0,007	0,217	FALSE
-0,164	0,288	-0,003	0,007	0,175	FALSE
-0,154	0,293	-0,003	0,007	0,154	FALSE
0,091	0,292	0,003	0,011	0,103	FALSE
-0,142	0,285	-0,003	0,007	0,167	FALSE
-0,172	0,271	-0,003	0,006	0,216	FALSE
0,059	0,290	0,005	0,013	0,161	FALSE
0,101	0,289	0,005	0,012	0,176	FALSE
-0,011	0,285	0,001	0,008	0,041	FALSE
-0,068	0,283	-0,002	0,013	0,053	FALSE
0,082	0,278	0,001	0,008	0,035	FALSE
0,087	0,288	0,001	0,007	0,028	FALSE
0,117	0,279	0,004	0,011	0,161	FALSE
0,003	0,282	0,002	0,012	0,057	FALSE
0,007	0,287	0,000	0,007	0,021	FALSE
0,015	0,294	0,000	0,011	0,014	FALSE
0,057	0,299	0,003	0,012	0,099	FALSE
0,042	0,301	0,001	0,013	0,033	FALSE
0,052	0,298	0,001	0,013	0,032	FALSE
-0,043	0,266	-0,001	0,012	0,042	FALSE
0,036	0,286	0,001	0,010	0,030	FALSE
-0,100	0,277	-0,003	0,008	0,121	FALSE
0,002	0,295	0,002	0,012	0,059	FALSE
0,077	0,291	0,003	0,010	0,109	FALSE
0,003	0,277	0,001	0,007	0,040	FALSE
-0,080	0,288	-0,001	0,007	0,044	FALSE
0,018	0,290	-0,001	0,009	0,034	FALSE
-0,021	0,298	0,000	0,010	0,008	FALSE
-0,041	0,288	0,001	0,012	0,026	FALSE
-0,009	0,280	0,000	0,007	0,023	FALSE

0,017	0,278	-0,001	0,006	0,033	FALSE
0,036	0,295	0,002	0,011	0,052	FALSE
0,067	0,288	0,001	0,011	0,046	FALSE
0,037	0,288	0,002	0,012	0,050	FALSE
-0,132	0,281	-0,003	0,007	0,151	FALSE
-0,149	0,292	-0,002	0,010	0,079	FALSE
0,052	0,290	0,001	0,008	0,048	FALSE
0,055	0,287	0,003	0,011	0,107	FALSE
0,025	0,275	0,001	0,007	0,034	FALSE
0,156	0,283	0,007	0,013	0,227	FALSE
0,018	0,296	0,000	0,013	0,001	FALSE
0,114	0,277	0,003	0,007	0,201	FALSE
0,090	0,283	0,002	0,008	0,095	FALSE
-0,027	0,284	0,000	0,007	0,004	FALSE
-0,001	0,297	0,000	0,007	0,021	FALSE
0,039	0,294	0,001	0,011	0,023	FALSE
-0,024	0,287	-0,001	0,008	0,058	FALSE
0,065	0,290	0,005	0,011	0,197	FALSE
-0,130	0,289	-0,002	0,007	0,104	FALSE
-0,133	0,287	-0,002	0,007	0,116	FALSE
0,095	0,287	0,003	0,011	0,115	FALSE
-0,189	0,303	-0,004	0,007	0,273	FALSE
0,078	0,279	0,003	0,010	0,108	FALSE
-0,004	0,289	-0,002	0,009	0,065	FALSE
0,062	0,303	0,002	0,007	0,092	FALSE
0,044	0,283	0,001	0,007	0,035	FALSE
0,035	0,288	0,001	0,007	0,049	FALSE
-0,153	0,292	-0,005	0,012	0,171	FALSE
0,062	0,289	0,002	0,007	0,096	FALSE
-0,004	0,287	-0,001	0,009	0,043	FALSE
-0,034	0,295	-0,003	0,013	0,097	FALSE
-0,115	0,272	-0,003	0,007	0,157	FALSE
-0,040	0,292	-0,002	0,011	0,071	FALSE
0,136	0,267	0,002	0,012	0,049	FALSE
0,128	0,273	0,002	0,012	0,063	FALSE
0,062	0,265	-0,001	0,009	0,049	FALSE
-0,010	0,281	-0,003	0,011	0,118	FALSE
-0,156	0,272	-0,005	0,008	0,235	FALSE
0,070	0,290	0,002	0,007	0,081	FALSE
-0,003	0,293	-0,001	0,012	0,032	FALSE
0,023	0,286	0,000	0,006	0,013	FALSE
-0,012	0,293	0,000	0,008	0,016	FALSE
0,087	0,278	0,004	0,007	0,215	FALSE
0,078	0,281	0,001	0,010	0,028	FALSE
0,206	0,265	0,005	0,008	0,232	FALSE
0,187	0,274	0,006	0,013	0,199	FALSE
0,159	0,282	0,006	0,011	0,228	FALSE
-0,141	0,284	-0,005	0,012	0,168	FALSE
-0,002	0,281	-0,001	0,011	0,034	FALSE
0,049	0,298	0,002	0,010	0,060	FALSE
0,039	0,297	0,003	0,012	0,091	FALSE
-0,061	0,285	-0,003	0,013	0,094	FALSE
0,129	0,286	0,006	0,013	0,189	FALSE

0,121	0,288	0,006	0,013	0,181	FALSE
0,131	0,299	0,006	0,013	0,190	FALSE
0,122	0,284	0,006	0,013	0,188	FALSE
0,096	0,290	0,006	0,014	0,164	FALSE
0,071	0,286	0,004	0,013	0,138	FALSE
-0,017	0,280	0,001	0,007	0,025	FALSE
0,013	0,283	-0,001	0,008	0,034	FALSE
0,144	0,297	0,004	0,011	0,146	FALSE
-0,114	0,294	-0,004	0,009	0,181	FALSE
-0,120	0,283	-0,004	0,008	0,174	FALSE
-0,112	0,276	-0,003	0,007	0,170	FALSE
0,085	0,283	0,002	0,009	0,066	FALSE
-0,069	0,302	-0,003	0,010	0,126	FALSE
0,014	0,285	0,002	0,008	0,094	FALSE
-0,086	0,300	-0,003	0,011	0,126	FALSE
-0,108	0,302	-0,004	0,011	0,137	FALSE
-0,120	0,281	-0,004	0,010	0,151	FALSE
-0,144	0,307	-0,005	0,011	0,168	FALSE
0,052	0,293	0,001	0,012	0,040	FALSE
0,103	0,289	0,002	0,007	0,122	FALSE
-0,118	0,286	-0,003	0,007	0,183	FALSE
0,020	0,295	0,001	0,006	0,046	FALSE
0,036	0,294	0,001	0,007	0,068	FALSE
0,046	0,300	0,002	0,007	0,085	FALSE
0,084	0,283	0,004	0,013	0,137	FALSE
0,026	0,287	0,001	0,007	0,036	FALSE
-0,079	0,282	-0,001	0,008	0,034	FALSE
-0,061	0,287	0,000	0,008	0,001	FALSE
0,079	0,291	0,003	0,012	0,109	FALSE
0,120	0,269	0,003	0,012	0,106	FALSE
0,138	0,274	0,004	0,012	0,137	FALSE
0,069	0,290	0,000	0,007	0,008	FALSE
0,056	0,291	0,000	0,007	0,008	FALSE
0,039	0,278	0,001	0,008	0,054	FALSE
0,088	0,295	0,003	0,010	0,144	FALSE
0,038	0,289	0,002	0,010	0,089	FALSE
0,012	0,270	0,002	0,009	0,064	FALSE
0,035	0,300	0,002	0,008	0,078	FALSE
-0,242	0,280	-0,005	0,007	0,320	FALSE
0,109	0,290	0,001	0,008	0,067	FALSE
-0,251	0,284	-0,011	0,012	0,405	FALSE
-0,138	0,306	-0,006	0,013	0,194	FALSE
-0,020	0,305	-0,001	0,013	0,035	FALSE
-0,009	0,299	0,000	0,007	0,008	FALSE
0,026	0,289	0,002	0,013	0,072	FALSE
-0,031	0,288	-0,002	0,013	0,069	FALSE
0,033	0,293	0,002	0,012	0,049	FALSE
-0,021	0,302	0,000	0,013	0,002	FALSE
-0,093	0,289	-0,004	0,009	0,171	FALSE
-0,039	0,291	0,000	0,012	0,004	FALSE
-0,043	0,279	-0,001	0,008	0,061	FALSE
-0,004	0,283	0,000	0,007	0,013	FALSE
-0,067	0,282	-0,001	0,009	0,051	FALSE

-0,061	0,283	-0,001	0,009	0,039	FALSE
-0,048	0,290	-0,001	0,009	0,024	FALSE
-0,039	0,304	-0,001	0,009	0,022	FALSE
-0,069	0,297	-0,002	0,009	0,080	FALSE
-0,048	0,284	-0,001	0,009	0,050	FALSE
-0,046	0,285	-0,001	0,009	0,042	FALSE
-0,054	0,294	-0,001	0,009	0,060	FALSE
-0,126	0,290	-0,003	0,007	0,144	FALSE
-0,091	0,301	-0,004	0,010	0,136	FALSE
-0,116	0,292	-0,003	0,007	0,140	FALSE
-0,084	0,280	-0,002	0,007	0,106	FALSE
-0,111	0,300	-0,002	0,007	0,114	FALSE
-0,048	0,296	-0,001	0,009	0,056	FALSE
-0,112	0,285	-0,002	0,013	0,064	FALSE
0,032	0,287	-0,001	0,007	0,056	FALSE
-0,091	0,288	-0,003	0,011	0,096	FALSE
0,091	0,283	0,002	0,007	0,081	FALSE
0,038	0,290	0,000	0,009	0,017	FALSE
0,071	0,299	0,002	0,009	0,088	FALSE
0,024	0,295	0,001	0,006	0,036	FALSE
0,080	0,294	0,002	0,010	0,073	FALSE
0,126	0,304	0,005	0,010	0,212	FALSE
0,058	0,288	0,001	0,009	0,064	FALSE
0,085	0,298	0,002	0,007	0,091	FALSE
-0,009	0,283	0,001	0,010	0,021	FALSE
-0,028	0,289	0,000	0,009	0,012	FALSE
0,029	0,300	0,000	0,007	0,025	FALSE
-0,011	0,287	-0,003	0,013	0,078	FALSE
0,010	0,280	0,000	0,007	0,009	FALSE
-0,053	0,288	-0,005	0,013	0,145	FALSE
-0,050	0,311	-0,002	0,008	0,072	FALSE
0,131	0,299	0,004	0,013	0,117	FALSE
0,100	0,290	0,003	0,012	0,084	FALSE
0,102	0,282	0,003	0,013	0,095	FALSE
-0,020	0,304	-0,003	0,010	0,104	FALSE
0,012	0,294	-0,002	0,008	0,073	FALSE
0,079	0,296	0,001	0,009	0,021	FALSE
0,001	0,293	0,000	0,010	0,007	FALSE
-0,016	0,289	-0,001	0,008	0,039	FALSE
0,043	0,294	0,002	0,013	0,060	FALSE
-0,151	0,294	-0,003	0,007	0,190	FALSE
0,071	0,297	0,003	0,013	0,096	FALSE
-0,003	0,296	-0,001	0,013	0,024	FALSE
0,014	0,290	0,000	0,012	0,008	FALSE
-0,038	0,296	0,000	0,007	0,002	FALSE
0,092	0,290	0,003	0,008	0,135	FALSE
0,000	0,298	0,000	0,010	0,011	FALSE
0,047	0,298	0,001	0,007	0,040	FALSE
0,064	0,294	0,002	0,011	0,057	FALSE
0,125	0,289	0,003	0,008	0,159	FALSE
-0,090	0,296	-0,002	0,007	0,150	FALSE
-0,190	0,275	-0,011	0,012	0,427	FALSE
-0,069	0,282	0,000	0,006	0,021	FALSE

-0,081	0,286	-0,003	0,011	0,109	FALSE
-0,044	0,294	-0,001	0,011	0,037	FALSE
-0,051	0,283	-0,002	0,012	0,048	FALSE
0,056	0,290	0,001	0,007	0,038	FALSE
0,186	0,295	0,007	0,013	0,232	FALSE
0,066	0,276	0,005	0,012	0,164	FALSE
0,082	0,277	0,006	0,013	0,188	FALSE
-0,103	0,288	-0,005	0,012	0,164	FALSE
0,153	0,289	0,005	0,013	0,168	FALSE
-0,169	0,271	-0,008	0,012	0,281	FALSE
-0,023	0,286	-0,003	0,011	0,089	FALSE
-0,003	0,291	0,000	0,009	0,011	FALSE
0,009	0,293	0,001	0,011	0,028	FALSE
0,051	0,287	0,002	0,008	0,080	FALSE
0,080	0,282	0,003	0,010	0,110	FALSE
-0,131	0,279	-0,005	0,009	0,254	FALSE
-0,027	0,299	-0,001	0,011	0,030	FALSE
-0,004	0,276	0,002	0,013	0,055	FALSE
-0,057	0,292	-0,001	0,007	0,077	FALSE
-0,035	0,290	-0,001	0,007	0,069	FALSE
0,016	0,291	0,000	0,007	0,014	FALSE
0,065	0,288	0,002	0,008	0,109	FALSE
0,004	0,288	-0,001	0,006	0,062	FALSE
0,064	0,271	0,002	0,007	0,115	FALSE
0,069	0,274	0,002	0,008	0,122	FALSE
0,041	0,293	0,002	0,011	0,078	FALSE
0,061	0,285	0,001	0,006	0,063	FALSE
0,070	0,289	0,001	0,007	0,046	FALSE
-0,173	0,274	-0,005	0,010	0,204	FALSE
0,017	0,296	0,002	0,013	0,067	FALSE
-0,102	0,296	-0,003	0,007	0,165	FALSE
-0,106	0,297	-0,002	0,007	0,090	FALSE
0,007	0,310	0,000	0,013	0,005	FALSE
0,121	0,301	0,005	0,011	0,193	FALSE
0,030	0,281	0,001	0,012	0,020	FALSE
-0,142	0,282	-0,007	0,013	0,208	FALSE
-0,017	0,291	0,000	0,012	0,003	FALSE
-0,130	0,287	-0,003	0,007	0,188	FALSE
-0,067	0,289	0,000	0,013	0,010	FALSE
-0,039	0,305	-0,001	0,008	0,051	FALSE
-0,052	0,292	-0,001	0,006	0,050	FALSE
0,039	0,290	0,002	0,009	0,092	FALSE
0,048	0,295	0,003	0,012	0,108	FALSE
0,125	0,284	0,004	0,009	0,178	FALSE
0,033	0,285	0,002	0,007	0,103	FALSE
0,000	0,293	0,000	0,011	0,001	FALSE
-0,020	0,282	-0,002	0,009	0,073	FALSE
0,010	0,306	0,000	0,008	0,023	FALSE
-0,045	0,282	-0,001	0,012	0,043	FALSE
-0,129	0,278	-0,003	0,008	0,168	FALSE
-0,074	0,286	-0,001	0,009	0,059	FALSE
0,034	0,285	0,000	0,011	0,014	FALSE
-0,034	0,296	-0,002	0,008	0,083	FALSE

-0,073	0,285	-0,004	0,012	0,127	FALSE
-0,028	0,295	0,002	0,011	0,056	FALSE
0,006	0,306	0,001	0,012	0,045	FALSE
-0,163	0,278	-0,005	0,010	0,225	FALSE
0,204	0,290	0,007	0,011	0,275	FALSE
0,024	0,288	0,001	0,006	0,077	FALSE
0,038	0,306	0,002	0,013	0,055	FALSE
0,040	0,289	0,002	0,006	0,092	FALSE
-0,040	0,291	-0,001	0,008	0,060	FALSE
-0,042	0,300	-0,001	0,007	0,047	FALSE
-0,030	0,276	-0,002	0,012	0,059	FALSE
-0,014	0,296	-0,001	0,012	0,022	FALSE
0,085	0,270	0,004	0,011	0,142	FALSE
0,123	0,283	0,003	0,007	0,198	FALSE
0,033	0,292	0,001	0,008	0,031	FALSE
0,046	0,293	0,002	0,010	0,065	FALSE
0,145	0,274	0,006	0,011	0,225	FALSE
0,130	0,278	0,005	0,010	0,209	FALSE
-0,046	0,283	-0,003	0,013	0,077	FALSE
-0,078	0,282	-0,001	0,008	0,067	FALSE
0,083	0,286	0,004	0,013	0,112	FALSE
0,009	0,286	0,000	0,008	0,006	FALSE
0,004	0,281	0,000	0,008	0,013	FALSE
0,089	0,283	0,003	0,013	0,094	FALSE
-0,067	0,282	0,000	0,009	0,002	FALSE
0,004	0,285	0,001	0,013	0,019	FALSE
0,046	0,286	0,000	0,007	0,015	FALSE
-0,054	0,293	-0,002	0,007	0,110	FALSE
0,013	0,286	0,001	0,007	0,054	FALSE
-0,095	0,293	-0,002	0,011	0,067	FALSE
0,043	0,286	0,002	0,009	0,069	FALSE
-0,047	0,283	-0,001	0,012	0,031	FALSE
-0,001	0,296	0,001	0,011	0,020	FALSE
0,074	0,283	0,001	0,006	0,052	FALSE
0,042	0,293	0,001	0,007	0,073	FALSE
0,063	0,283	0,003	0,009	0,128	FALSE
-0,086	0,300	-0,002	0,008	0,087	FALSE
0,027	0,280	0,000	0,007	0,013	FALSE
-0,098	0,289	-0,003	0,011	0,108	FALSE
0,024	0,284	0,001	0,012	0,018	FALSE
-0,132	0,273	-0,004	0,010	0,156	FALSE
0,090	0,281	0,003	0,013	0,074	FALSE
0,033	0,300	-0,001	0,011	0,031	FALSE
-0,080	0,281	-0,002	0,009	0,102	FALSE
0,023	0,293	-0,002	0,013	0,051	FALSE
0,193	0,278	0,006	0,008	0,372	FALSE
0,024	0,293	-0,001	0,013	0,036	FALSE
0,065	0,290	0,001	0,007	0,067	FALSE
0,093	0,293	0,003	0,012	0,097	FALSE
-0,148	0,297	-0,006	0,011	0,212	FALSE
0,009	0,301	0,001	0,012	0,025	FALSE
-0,141	0,288	-0,004	0,008	0,237	FALSE
0,237	0,287	0,007	0,009	0,328	FALSE

-0,023	0,289	0,000	0,007	0,021	FALSE
-0,022	0,280	0,000	0,006	0,011	FALSE
0,013	0,289	0,001	0,008	0,036	FALSE
0,068	0,279	0,003	0,008	0,160	FALSE
0,027	0,298	0,001	0,007	0,047	FALSE
0,112	0,290	0,005	0,008	0,253	FALSE
0,045	0,284	0,002	0,006	0,103	FALSE
0,096	0,285	0,000	0,008	0,019	FALSE
0,056	0,285	0,002	0,011	0,077	FALSE
0,036	0,293	0,001	0,010	0,055	FALSE
0,165	0,290	0,005	0,008	0,249	FALSE
-0,153	0,283	-0,006	0,013	0,192	FALSE
0,032	0,291	0,001	0,011	0,050	FALSE
-0,140	0,283	-0,004	0,011	0,156	FALSE
-0,179	0,272	-0,005	0,010	0,238	FALSE
-0,118	0,279	-0,003	0,010	0,127	FALSE
0,243	0,276	0,007	0,009	0,349	FALSE
0,202	0,282	0,009	0,012	0,326	FALSE
-0,200	0,293	-0,009	0,013	0,288	FALSE
0,281	0,266	0,008	0,010	0,394	FALSE
0,030	0,290	-0,001	0,011	0,016	FALSE
-0,086	0,282	-0,002	0,006	0,118	FALSE
0,143	0,287	0,004	0,010	0,158	FALSE
0,236	0,290	0,008	0,011	0,328	FALSE
-0,045	0,284	0,000	0,007	0,008	FALSE
0,010	0,289	0,001	0,006	0,032	FALSE
-0,016	0,282	0,000	0,009	0,002	FALSE
-0,001	0,279	0,003	0,010	0,103	FALSE
-0,075	0,287	-0,001	0,008	0,068	FALSE
-0,083	0,284	-0,003	0,006	0,168	FALSE
-0,105	0,288	-0,003	0,009	0,132	FALSE
0,061	0,297	0,003	0,010	0,127	FALSE
0,052	0,275	0,001	0,010	0,041	FALSE
0,027	0,286	0,000	0,010	0,012	FALSE
0,034	0,302	0,000	0,008	0,005	FALSE
-0,151	0,301	-0,006	0,012	0,199	FALSE
-0,005	0,295	0,000	0,012	0,010	FALSE
0,123	0,297	0,005	0,010	0,196	FALSE
-0,016	0,291	0,000	0,007	0,003	FALSE
0,065	0,288	0,004	0,012	0,119	FALSE
0,088	0,288	0,004	0,013	0,136	FALSE
0,109	0,298	0,003	0,007	0,155	FALSE
0,082	0,279	0,001	0,007	0,051	FALSE
-0,041	0,300	-0,002	0,007	0,099	FALSE
0,050	0,301	0,001	0,007	0,071	FALSE
0,121	0,285	0,007	0,012	0,235	FALSE
0,135	0,279	0,003	0,008	0,178	FALSE
-0,133	0,284	-0,005	0,010	0,208	FALSE
0,040	0,287	0,002	0,012	0,056	FALSE
-0,194	0,278	-0,004	0,007	0,214	FALSE
0,013	0,278	0,001	0,006	0,061	FALSE
-0,001	0,302	0,000	0,013	0,003	FALSE
0,021	0,299	0,000	0,007	0,006	FALSE

-0,068	0,293	-0,002	0,007	0,109	FALSE
0,066	0,287	0,003	0,010	0,115	FALSE
0,054	0,301	0,002	0,010	0,071	FALSE
0,090	0,288	0,003	0,009	0,127	FALSE
0,107	0,287	0,003	0,009	0,152	FALSE
-0,151	0,299	-0,008	0,013	0,255	FALSE
0,084	0,269	0,003	0,009	0,125	FALSE
-0,070	0,296	-0,004	0,011	0,142	FALSE
-0,088	0,291	-0,004	0,012	0,111	FALSE
0,067	0,285	0,002	0,010	0,064	FALSE
-0,030	0,300	-0,003	0,012	0,085	FALSE
-0,014	0,289	0,000	0,007	0,018	FALSE
0,115	0,290	0,005	0,010	0,215	FALSE
-0,044	0,289	0,000	0,009	0,016	FALSE
0,146	0,294	0,002	0,006	0,115	FALSE
-0,026	0,285	-0,002	0,011	0,052	FALSE
-0,162	0,282	-0,005	0,009	0,229	FALSE
-0,178	0,267	-0,006	0,008	0,303	FALSE
-0,126	0,272	-0,004	0,008	0,206	FALSE
0,129	0,298	0,003	0,007	0,161	FALSE
0,126	0,276	0,003	0,010	0,094	FALSE
-0,091	0,285	-0,002	0,013	0,056	FALSE
0,156	0,279	0,002	0,007	0,142	FALSE
0,215	0,283	0,006	0,009	0,327	FALSE
0,238	0,286	0,012	0,013	0,443	FALSE
0,041	0,295	0,002	0,013	0,043	FALSE
-0,052	0,295	-0,002	0,011	0,059	FALSE
0,076	0,292	0,002	0,009	0,092	FALSE
-0,135	0,289	-0,003	0,009	0,161	FALSE
-0,236	0,278	-0,008	0,014	0,257	FALSE
0,073	0,281	0,003	0,009	0,110	FALSE
0,016	0,290	0,001	0,009	0,047	FALSE
0,145	0,276	0,004	0,013	0,125	FALSE
0,120	0,272	0,001	0,007	0,081	FALSE
-0,153	0,283	-0,002	0,006	0,130	FALSE
-0,075	0,281	-0,003	0,012	0,081	FALSE
-0,001	0,294	-0,001	0,007	0,074	FALSE
0,008	0,290	-0,001	0,008	0,041	FALSE
-0,029	0,278	0,000	0,011	0,014	FALSE
0,091	0,296	0,003	0,008	0,164	FALSE
0,116	0,283	0,003	0,008	0,175	FALSE
0,061	0,280	0,001	0,008	0,036	FALSE
0,186	0,296	0,004	0,006	0,258	FALSE
-0,289	0,290	-0,010	0,011	0,447	FALSE
-0,297	0,292	-0,011	0,012	0,443	FALSE
-0,290	0,271	-0,011	0,012	0,448	FALSE
0,184	0,300	0,004	0,007	0,275	FALSE
0,054	0,289	0,001	0,008	0,039	FALSE
-0,023	0,303	-0,002	0,011	0,060	FALSE
0,078	0,287	0,003	0,009	0,121	FALSE
0,002	0,293	0,002	0,011	0,065	FALSE
-0,095	0,290	-0,001	0,008	0,040	FALSE
-0,108	0,286	-0,004	0,011	0,157	FALSE

0,068	0,291	0,001	0,009	0,052	FALSE
-0,051	0,287	-0,002	0,013	0,052	FALSE
0,134	0,307	0,005	0,012	0,157	FALSE
-0,020	0,303	0,000	0,009	0,007	FALSE
0,154	0,281	0,004	0,010	0,159	FALSE
-0,164	0,279	-0,003	0,007	0,155	FALSE
-0,011	0,285	-0,001	0,008	0,058	FALSE
-0,040	0,284	0,000	0,009	0,002	FALSE
-0,008	0,287	-0,002	0,011	0,056	FALSE
-0,084	0,269	-0,005	0,012	0,167	FALSE
-0,116	0,291	-0,006	0,013	0,197	FALSE
0,105	0,295	0,001	0,007	0,076	FALSE
0,091	0,288	0,001	0,007	0,041	FALSE
0,109	0,287	0,003	0,006	0,213	FALSE
-0,028	0,288	0,000	0,008	0,021	FALSE
0,065	0,275	0,001	0,012	0,018	FALSE
0,039	0,294	-0,001	0,012	0,017	FALSE
-0,125	0,281	-0,004	0,006	0,241	FALSE
-0,016	0,281	0,002	0,013	0,052	FALSE
0,002	0,280	-0,001	0,012	0,044	FALSE
0,040	0,291	-0,001	0,008	0,025	FALSE
0,089	0,298	0,004	0,012	0,148	FALSE
-0,062	0,285	-0,002	0,011	0,083	FALSE
-0,030	0,294	0,000	0,007	0,007	FALSE
-0,040	0,304	-0,001	0,007	0,042	FALSE
-0,083	0,287	-0,003	0,012	0,096	FALSE
-0,012	0,293	-0,001	0,007	0,034	FALSE
0,009	0,288	0,000	0,013	0,012	FALSE
-0,074	0,303	-0,003	0,008	0,144	FALSE
0,156	0,287	0,004	0,010	0,171	FALSE
-0,023	0,291	-0,001	0,007	0,083	FALSE
0,139	0,287	0,004	0,009	0,153	FALSE
-0,218	0,275	-0,005	0,009	0,247	FALSE
0,062	0,298	0,002	0,010	0,068	FALSE
-0,099	0,286	-0,003	0,012	0,087	FALSE
-0,013	0,281	-0,001	0,009	0,060	FALSE
-0,054	0,292	-0,002	0,007	0,081	FALSE
0,106	0,281	0,003	0,012	0,104	FALSE
-0,163	0,289	-0,005	0,011	0,174	FALSE
-0,102	0,282	-0,002	0,011	0,076	FALSE
-0,013	0,288	-0,001	0,008	0,033	FALSE
-0,045	0,281	-0,001	0,009	0,037	FALSE
0,027	0,298	0,000	0,007	0,017	FALSE
-0,180	0,275	-0,006	0,011	0,222	FALSE
-0,045	0,282	-0,001	0,007	0,044	FALSE
0,022	0,291	0,001	0,012	0,019	FALSE
-0,153	0,290	-0,006	0,013	0,188	FALSE
0,001	0,289	0,000	0,006	0,004	FALSE
0,012	0,295	0,001	0,009	0,023	FALSE
-0,027	0,299	0,000	0,008	0,005	FALSE
0,093	0,281	0,001	0,008	0,067	FALSE
-0,012	0,287	0,000	0,007	0,015	FALSE
0,052	0,286	0,002	0,011	0,080	FALSE

0,051	0,283	0,002	0,011	0,070	FALSE
0,085	0,275	0,004	0,011	0,123	FALSE
-0,080	0,294	-0,002	0,008	0,110	FALSE
0,043	0,285	0,003	0,012	0,093	FALSE
0,022	0,295	0,000	0,007	0,012	FALSE
-0,133	0,287	-0,003	0,009	0,152	FALSE
-0,085	0,279	-0,002	0,009	0,067	FALSE
0,092	0,273	0,002	0,011	0,072	FALSE
-0,010	0,279	-0,001	0,006	0,090	FALSE
-0,079	0,300	-0,002	0,013	0,064	FALSE
-0,029	0,293	-0,001	0,007	0,032	FALSE
-0,014	0,283	-0,003	0,010	0,124	FALSE
-0,004	0,270	-0,001	0,008	0,064	FALSE
-0,180	0,304	-0,006	0,011	0,257	FALSE
-0,032	0,295	0,000	0,006	0,020	FALSE
0,011	0,302	0,001	0,008	0,025	FALSE
0,003	0,292	0,001	0,006	0,030	FALSE
-0,012	0,300	-0,002	0,008	0,071	FALSE
0,085	0,281	0,005	0,011	0,168	FALSE
0,104	0,310	0,001	0,008	0,061	FALSE
-0,074	0,293	-0,002	0,007	0,088	FALSE
-0,004	0,300	-0,001	0,007	0,032	FALSE
-0,021	0,285	-0,001	0,006	0,087	FALSE
-0,023	0,280	0,000	0,012	0,007	FALSE
-0,039	0,283	-0,002	0,013	0,062	FALSE
0,082	0,287	0,004	0,013	0,121	FALSE
0,052	0,289	0,005	0,011	0,178	FALSE
0,049	0,300	0,001	0,008	0,058	FALSE
-0,063	0,296	-0,003	0,011	0,088	FALSE
-0,021	0,299	-0,001	0,012	0,027	FALSE
-0,061	0,300	-0,003	0,013	0,079	FALSE
-0,025	0,286	-0,001	0,012	0,031	FALSE
-0,050	0,300	-0,002	0,012	0,048	FALSE
-0,050	0,298	0,000	0,011	0,011	FALSE
0,068	0,286	0,002	0,007	0,083	FALSE
0,008	0,283	-0,002	0,011	0,057	FALSE
0,084	0,284	0,001	0,013	0,015	FALSE
-0,032	0,288	0,000	0,008	0,001	FALSE
-0,094	0,288	-0,001	0,008	0,064	FALSE
-0,080	0,286	-0,001	0,009	0,061	FALSE
0,072	0,278	0,001	0,008	0,029	FALSE
0,049	0,290	0,001	0,007	0,072	FALSE
0,021	0,291	0,000	0,006	0,020	FALSE
0,052	0,307	0,001	0,012	0,039	FALSE
-0,033	0,284	0,001	0,011	0,027	FALSE
0,029	0,304	0,000	0,013	0,009	FALSE
-0,107	0,289	-0,003	0,011	0,082	FALSE
-0,107	0,291	-0,003	0,012	0,097	FALSE
-0,033	0,285	0,000	0,006	0,017	FALSE
0,075	0,285	0,001	0,006	0,075	FALSE
-0,016	0,286	0,000	0,010	0,015	FALSE
-0,084	0,278	-0,004	0,011	0,165	FALSE
-0,095	0,280	-0,001	0,007	0,082	FALSE

-0,063	0,287	-0,001	0,007	0,062	FALSE
-0,012	0,292	0,000	0,012	0,011	FALSE
-0,090	0,281	-0,002	0,008	0,110	FALSE
0,073	0,291	0,004	0,012	0,137	FALSE
0,007	0,290	0,002	0,012	0,075	FALSE
-0,040	0,294	0,000	0,008	0,020	FALSE
0,086	0,288	0,003	0,010	0,107	FALSE
0,083	0,282	0,001	0,009	0,054	FALSE
-0,063	0,284	-0,001	0,009	0,063	FALSE
0,079	0,304	0,004	0,011	0,140	FALSE
0,048	0,300	0,002	0,007	0,080	FALSE
-0,128	0,284	-0,004	0,011	0,124	FALSE
-0,062	0,282	-0,002	0,006	0,107	FALSE
-0,117	0,285	-0,002	0,006	0,153	FALSE
-0,002	0,290	-0,001	0,008	0,051	FALSE
0,016	0,282	0,002	0,007	0,109	FALSE
0,083	0,298	0,002	0,012	0,070	FALSE
0,075	0,281	0,001	0,010	0,045	FALSE
0,059	0,292	0,001	0,008	0,061	FALSE
0,077	0,289	0,001	0,010	0,043	FALSE
-0,015	0,289	0,000	0,008	0,009	FALSE
-0,009	0,291	-0,001	0,011	0,034	FALSE
-0,115	0,283	-0,003	0,007	0,162	FALSE
-0,039	0,281	-0,002	0,010	0,067	FALSE
-0,026	0,281	-0,001	0,007	0,033	FALSE
0,211	0,285	0,010	0,013	0,350	FALSE
0,054	0,291	0,002	0,007	0,091	FALSE
-0,130	0,294	-0,002	0,008	0,110	FALSE
-0,041	0,277	0,000	0,006	0,001	FALSE
-0,061	0,288	-0,001	0,008	0,031	FALSE
0,089	0,293	0,005	0,011	0,175	FALSE
0,091	0,290	0,005	0,011	0,177	FALSE
0,068	0,294	0,004	0,012	0,149	FALSE
0,069	0,287	0,004	0,011	0,146	FALSE
0,020	0,293	0,002	0,009	0,072	FALSE
0,224	0,259	0,012	0,012	0,503	FALSE
-0,047	0,292	-0,001	0,008	0,060	FALSE
-0,091	0,289	-0,001	0,008	0,071	FALSE
0,072	0,285	0,001	0,013	0,030	FALSE
0,101	0,292	0,000	0,009	0,011	FALSE
0,047	0,298	0,001	0,007	0,038	FALSE
-0,038	0,283	-0,002	0,008	0,082	FALSE
-0,012	0,288	0,001	0,012	0,019	FALSE
-0,008	0,289	0,001	0,009	0,034	FALSE
0,024	0,279	0,000	0,006	0,023	FALSE
-0,124	0,298	-0,004	0,012	0,119	FALSE
0,044	0,288	0,002	0,009	0,093	FALSE
0,043	0,289	0,001	0,012	0,018	FALSE
0,051	0,281	0,001	0,007	0,055	FALSE
-0,099	0,283	-0,005	0,013	0,141	FALSE
-0,037	0,282	-0,003	0,013	0,098	FALSE
0,007	0,280	0,001	0,007	0,058	FALSE
0,047	0,305	0,002	0,012	0,049	FALSE

0,040	0,293	-0,001	0,007	0,030	FALSE
0,020	0,289	0,000	0,008	0,013	FALSE
-0,014	0,293	-0,001	0,006	0,036	FALSE
-0,084	0,306	-0,005	0,013	0,144	FALSE
0,048	0,293	0,001	0,008	0,038	FALSE
-0,036	0,287	-0,001	0,008	0,053	FALSE
0,084	0,291	0,002	0,013	0,067	FALSE
0,098	0,297	0,005	0,010	0,221	FALSE
-0,057	0,296	-0,004	0,010	0,149	FALSE
0,046	0,290	0,001	0,009	0,038	FALSE
0,034	0,294	0,002	0,012	0,058	FALSE
0,017	0,301	0,001	0,012	0,042	FALSE
-0,004	0,282	0,000	0,010	0,011	FALSE
0,202	0,281	0,005	0,010	0,241	FALSE
-0,031	0,281	-0,002	0,007	0,101	FALSE
-0,107	0,285	-0,005	0,013	0,175	FALSE
0,017	0,306	0,000	0,012	0,012	FALSE
0,022	0,281	0,000	0,007	0,022	FALSE
-0,049	0,284	-0,003	0,013	0,101	FALSE
-0,068	0,289	-0,004	0,013	0,132	FALSE
-0,024	0,300	-0,002	0,011	0,076	FALSE
0,025	0,298	0,001	0,008	0,032	FALSE
0,140	0,287	0,002	0,006	0,128	FALSE
0,142	0,290	0,003	0,008	0,155	FALSE
0,033	0,287	0,001	0,010	0,044	FALSE
0,035	0,291	0,000	0,007	0,010	FALSE
0,023	0,270	-0,001	0,007	0,028	FALSE
-0,137	0,282	-0,004	0,011	0,163	FALSE
0,047	0,293	0,002	0,013	0,057	FALSE
-0,038	0,276	0,000	0,012	0,009	FALSE
-0,050	0,287	-0,001	0,007	0,042	FALSE
0,159	0,305	0,002	0,008	0,109	FALSE
-0,011	0,288	0,001	0,007	0,036	FALSE
-0,002	0,287	0,001	0,008	0,040	FALSE
-0,019	0,286	0,000	0,008	0,019	FALSE
-0,003	0,284	0,001	0,008	0,053	FALSE
0,035	0,289	0,004	0,013	0,105	FALSE
0,098	0,285	0,002	0,012	0,053	FALSE
-0,032	0,284	0,000	0,009	0,017	FALSE
0,066	0,286	0,001	0,007	0,028	FALSE
-0,132	0,280	-0,003	0,008	0,168	FALSE
-0,043	0,301	-0,003	0,012	0,107	FALSE
-0,051	0,295	0,001	0,011	0,023	FALSE
-0,083	0,295	-0,001	0,013	0,039	FALSE
0,108	0,277	0,003	0,010	0,110	FALSE
0,122	0,287	0,003	0,010	0,105	FALSE
0,118	0,288	0,004	0,009	0,215	FALSE
0,074	0,292	0,001	0,007	0,045	FALSE
0,007	0,293	-0,001	0,009	0,031	FALSE
0,080	0,315	0,001	0,007	0,056	FALSE
-0,030	0,281	0,000	0,007	0,017	FALSE
-0,022	0,287	0,001	0,007	0,029	FALSE
-0,041	0,301	-0,001	0,008	0,028	FALSE

-0,052	0,303	-0,002	0,007	0,087	FALSE
-0,081	0,288	-0,003	0,009	0,121	FALSE
0,057	0,301	0,000	0,008	0,014	FALSE
-0,032	0,293	-0,003	0,012	0,088	FALSE
0,013	0,287	0,001	0,009	0,048	FALSE
-0,017	0,290	0,000	0,008	0,003	FALSE
0,133	0,293	0,006	0,012	0,214	FALSE
-0,080	0,285	-0,002	0,008	0,094	FALSE
0,074	0,291	0,001	0,009	0,038	FALSE
0,090	0,293	0,003	0,010	0,112	FALSE
0,085	0,279	0,002	0,009	0,103	FALSE
-0,032	0,278	0,000	0,006	0,024	FALSE
0,001	0,277	0,000	0,008	0,020	FALSE
0,017	0,305	-0,001	0,007	0,050	FALSE
0,018	0,290	-0,002	0,008	0,083	FALSE
0,010	0,296	0,001	0,008	0,067	FALSE
-0,064	0,294	-0,001	0,007	0,068	FALSE
-0,017	0,297	-0,002	0,012	0,051	FALSE
-0,105	0,288	-0,003	0,007	0,176	FALSE
0,005	0,301	0,000	0,013	0,001	FALSE
0,014	0,286	0,001	0,007	0,045	FALSE
0,021	0,283	0,002	0,009	0,075	FALSE
-0,058	0,291	-0,003	0,011	0,091	FALSE
0,027	0,276	0,001	0,006	0,053	FALSE
0,063	0,305	0,002	0,013	0,048	FALSE
0,092	0,301	0,003	0,009	0,130	FALSE
0,142	0,296	0,003	0,007	0,144	FALSE
0,000	0,296	0,001	0,013	0,021	FALSE
-0,053	0,299	-0,001	0,008	0,046	FALSE
-0,023	0,294	-0,001	0,008	0,034	FALSE
0,025	0,303	0,001	0,009	0,031	FALSE
-0,077	0,294	-0,002	0,008	0,117	FALSE
0,103	0,290	0,004	0,011	0,145	FALSE
0,061	0,292	0,004	0,012	0,116	FALSE
-0,068	0,291	-0,002	0,007	0,091	FALSE
-0,141	0,276	-0,004	0,008	0,196	FALSE
0,033	0,290	0,001	0,007	0,025	FALSE
0,094	0,301	0,003	0,007	0,174	FALSE
-0,090	0,299	-0,001	0,007	0,070	FALSE
-0,020	0,304	-0,002	0,010	0,066	FALSE
0,037	0,292	-0,001	0,012	0,018	FALSE
-0,072	0,278	-0,002	0,009	0,076	FALSE
0,051	0,290	0,000	0,012	0,012	FALSE
0,061	0,290	0,002	0,007	0,128	FALSE
0,072	0,292	0,002	0,012	0,049	FALSE
0,009	0,286	0,001	0,009	0,032	FALSE
0,037	0,282	0,001	0,008	0,059	FALSE
0,100	0,298	0,002	0,007	0,107	FALSE
0,126	0,280	0,002	0,009	0,086	FALSE
0,154	0,269	0,003	0,009	0,136	FALSE
-0,036	0,292	-0,002	0,012	0,049	FALSE
0,156	0,307	0,003	0,007	0,193	FALSE
0,037	0,287	0,000	0,008	0,010	FALSE

-0,007	0,293	0,001	0,010	0,037	FALSE
0,114	0,285	0,006	0,012	0,187	FALSE
0,007	0,290	-0,001	0,012	0,016	FALSE
-0,166	0,291	-0,004	0,007	0,233	FALSE
-0,089	0,284	-0,002	0,006	0,121	FALSE
0,158	0,298	0,007	0,011	0,277	FALSE
0,030	0,299	0,000	0,008	0,006	FALSE
0,104	0,285	0,005	0,012	0,164	FALSE
0,052	0,284	0,000	0,013	0,007	FALSE
-0,049	0,280	-0,002	0,008	0,097	FALSE
-0,011	0,291	0,000	0,010	0,009	FALSE
0,066	0,299	0,001	0,007	0,056	FALSE
-0,043	0,291	-0,001	0,007	0,078	FALSE
-0,039	0,291	-0,001	0,011	0,049	FALSE
0,003	0,290	0,000	0,009	0,011	FALSE
-0,010	0,299	0,000	0,008	0,010	FALSE
0,065	0,283	0,001	0,008	0,047	FALSE
0,174	0,287	0,008	0,013	0,267	FALSE
-0,103	0,289	-0,003	0,012	0,095	FALSE
0,110	0,287	0,003	0,013	0,105	FALSE
-0,025	0,290	-0,001	0,007	0,035	FALSE
-0,002	0,298	0,000	0,008	0,007	FALSE
-0,020	0,283	0,000	0,012	0,006	FALSE
-0,079	0,285	-0,001	0,006	0,041	FALSE
-0,043	0,271	-0,001	0,010	0,044	FALSE
-0,076	0,284	-0,005	0,012	0,150	FALSE
0,137	0,295	0,002	0,007	0,126	FALSE
0,135	0,289	0,004	0,009	0,200	FALSE
0,138	0,296	0,006	0,013	0,204	FALSE
0,195	0,286	0,009	0,013	0,302	FALSE
-0,172	0,288	-0,006	0,011	0,233	FALSE
0,048	0,291	0,004	0,012	0,119	FALSE
-0,031	0,277	-0,001	0,008	0,025	FALSE
0,010	0,285	0,000	0,008	0,022	FALSE
-0,022	0,296	0,001	0,007	0,046	FALSE
-0,008	0,289	-0,001	0,008	0,060	FALSE
0,002	0,298	0,000	0,010	0,006	FALSE
-0,157	0,293	-0,004	0,007	0,216	FALSE
0,030	0,297	0,000	0,011	0,004	FALSE
0,002	0,294	0,000	0,009	0,000	FALSE
0,012	0,296	0,000	0,008	0,001	FALSE
0,026	0,271	0,002	0,013	0,074	FALSE
0,170	0,276	0,006	0,012	0,216	FALSE
0,010	0,302	0,001	0,012	0,040	FALSE
-0,023	0,300	-0,002	0,013	0,069	FALSE
0,109	0,275	0,002	0,006	0,151	FALSE
0,018	0,280	0,003	0,012	0,081	FALSE
0,111	0,294	0,004	0,011	0,130	FALSE
0,147	0,281	0,006	0,013	0,202	FALSE
0,101	0,310	0,002	0,008	0,103	FALSE
-0,122	0,273	-0,003	0,007	0,199	FALSE
0,015	0,296	0,000	0,013	0,012	FALSE
0,092	0,298	0,002	0,008	0,094	FALSE

-0,123	0,288	-0,005	0,009	0,231	FALSE
-0,072	0,286	-0,005	0,011	0,168	FALSE
-0,081	0,289	-0,002	0,008	0,103	FALSE
0,115	0,290	0,004	0,009	0,171	FALSE
-0,034	0,278	-0,001	0,007	0,029	FALSE
-0,031	0,274	0,000	0,012	0,003	FALSE
-0,062	0,288	-0,002	0,009	0,108	FALSE
0,043	0,286	0,002	0,009	0,101	FALSE
0,125	0,294	0,003	0,007	0,149	FALSE
-0,103	0,286	-0,003	0,013	0,100	FALSE
-0,002	0,294	0,001	0,010	0,020	FALSE
0,027	0,296	0,001	0,011	0,022	FALSE
0,022	0,299	0,000	0,012	0,011	FALSE
0,017	0,301	-0,001	0,013	0,039	FALSE
-0,170	0,279	-0,007	0,010	0,302	FALSE
-0,058	0,276	-0,002	0,011	0,058	FALSE
-0,075	0,287	-0,002	0,006	0,094	FALSE
-0,083	0,299	-0,002	0,007	0,107	FALSE
-0,019	0,286	-0,001	0,007	0,037	FALSE
0,091	0,291	0,003	0,008	0,168	FALSE
0,003	0,289	0,001	0,010	0,045	FALSE
0,077	0,287	0,002	0,010	0,084	FALSE
-0,150	0,278	-0,004	0,007	0,222	FALSE
-0,125	0,286	-0,005	0,010	0,198	FALSE
-0,027	0,299	0,000	0,009	0,008	FALSE
-0,122	0,281	-0,002	0,006	0,137	FALSE
0,220	0,276	0,004	0,007	0,272	FALSE
0,179	0,300	0,005	0,011	0,173	FALSE
-0,043	0,294	-0,002	0,011	0,055	FALSE
-0,094	0,299	-0,002	0,009	0,089	FALSE
-0,100	0,281	-0,003	0,007	0,162	FALSE
-0,047	0,293	-0,001	0,009	0,056	FALSE
-0,033	0,289	-0,002	0,006	0,096	FALSE
-0,052	0,293	-0,001	0,008	0,044	FALSE
-0,070	0,289	-0,002	0,013	0,057	FALSE
0,073	0,296	0,002	0,008	0,110	FALSE
-0,128	0,294	-0,003	0,007	0,138	FALSE
0,001	0,302	0,001	0,011	0,028	FALSE
0,030	0,283	0,000	0,006	0,023	FALSE
0,007	0,306	0,002	0,013	0,053	FALSE
0,031	0,303	0,000	0,007	0,017	FALSE
0,094	0,288	0,003	0,012	0,080	FALSE
0,050	0,291	0,001	0,006	0,083	FALSE
0,125	0,278	0,003	0,008	0,166	FALSE
0,038	0,275	0,001	0,009	0,048	FALSE
0,149	0,284	0,005	0,013	0,172	FALSE
-0,019	0,287	0,001	0,006	0,037	FALSE
-0,086	0,285	-0,002	0,010	0,060	FALSE
-0,162	0,283	-0,006	0,013	0,188	FALSE
-0,123	0,286	-0,004	0,011	0,143	FALSE
-0,068	0,284	-0,001	0,012	0,022	FALSE
-0,082	0,300	-0,003	0,009	0,157	FALSE
0,118	0,287	0,003	0,007	0,157	FALSE

-0,061	0,287	-0,003	0,012	0,099	FALSE
-0,150	0,289	-0,006	0,011	0,226	FALSE
-0,073	0,299	-0,003	0,009	0,124	FALSE
0,000	0,297	-0,001	0,007	0,036	FALSE
-0,016	0,295	0,000	0,007	0,022	FALSE
0,057	0,289	0,001	0,006	0,028	FALSE
0,104	0,299	0,003	0,009	0,153	FALSE
-0,097	0,293	-0,002	0,007	0,131	FALSE
-0,021	0,304	0,000	0,007	0,010	FALSE
0,150	0,283	0,008	0,013	0,285	FALSE
-0,024	0,286	-0,002	0,009	0,068	FALSE
-0,176	0,290	-0,004	0,007	0,205	FALSE
-0,103	0,288	-0,001	0,011	0,035	FALSE
-0,032	0,288	0,000	0,007	0,006	FALSE
-0,026	0,284	0,000	0,012	0,012	FALSE
-0,110	0,288	-0,003	0,012	0,106	FALSE
-0,048	0,281	-0,001	0,007	0,058	FALSE
-0,057	0,296	-0,002	0,011	0,080	FALSE
-0,095	0,298	-0,003	0,009	0,137	FALSE
-0,093	0,301	-0,003	0,010	0,121	FALSE
-0,080	0,287	-0,001	0,007	0,050	FALSE
-0,029	0,283	-0,001	0,007	0,029	FALSE
-0,019	0,299	0,000	0,008	0,019	FALSE
0,011	0,283	0,002	0,009	0,086	FALSE
0,003	0,283	0,002	0,009	0,067	FALSE
0,083	0,286	0,003	0,012	0,091	FALSE
-0,026	0,294	-0,001	0,011	0,035	FALSE
-0,002	0,284	-0,001	0,011	0,019	FALSE
-0,062	0,290	-0,001	0,012	0,037	FALSE
0,069	0,291	0,002	0,008	0,092	FALSE
-0,056	0,291	-0,002	0,010	0,063	FALSE
0,084	0,288	0,004	0,012	0,147	FALSE
-0,062	0,271	-0,003	0,011	0,104	FALSE
-0,194	0,289	-0,006	0,010	0,257	FALSE
-0,032	0,294	-0,001	0,008	0,039	FALSE
0,025	0,290	0,002	0,009	0,102	FALSE
0,076	0,302	0,004	0,013	0,118	FALSE
0,050	0,302	0,001	0,008	0,031	FALSE
-0,060	0,293	-0,002	0,011	0,080	FALSE
-0,025	0,305	-0,001	0,012	0,024	FALSE
0,123	0,295	0,006	0,012	0,196	FALSE
0,124	0,282	0,006	0,012	0,191	FALSE
0,062	0,302	0,001	0,009	0,035	FALSE
0,160	0,282	0,004	0,007	0,233	FALSE
-0,181	0,268	-0,006	0,010	0,267	FALSE
0,115	0,285	0,002	0,010	0,090	FALSE
-0,144	0,281	-0,003	0,007	0,170	FALSE
0,149	0,297	0,005	0,012	0,172	FALSE
0,011	0,279	0,001	0,012	0,043	FALSE
0,104	0,296	0,001	0,007	0,050	FALSE
-0,001	0,296	-0,001	0,012	0,023	FALSE
0,052	0,296	0,003	0,012	0,084	FALSE
-0,083	0,275	-0,001	0,008	0,025	FALSE

0,128	0,282	0,002	0,007	0,139	FALSE
0,053	0,291	0,001	0,008	0,050	FALSE
-0,093	0,279	-0,004	0,012	0,119	FALSE
0,080	0,298	0,002	0,012	0,073	FALSE
-0,065	0,285	-0,003	0,012	0,088	FALSE
-0,041	0,303	-0,001	0,009	0,057	FALSE
-0,112	0,299	-0,005	0,013	0,151	FALSE
-0,158	0,289	-0,003	0,007	0,180	FALSE
0,142	0,298	0,004	0,007	0,210	FALSE
-0,031	0,281	0,000	0,006	0,016	FALSE
0,044	0,292	0,002	0,011	0,076	FALSE
0,070	0,307	0,002	0,009	0,100	FALSE
0,025	0,291	0,000	0,010	0,007	FALSE
0,036	0,288	0,000	0,010	0,008	FALSE
-0,104	0,304	-0,004	0,007	0,201	FALSE
-0,023	0,295	0,000	0,007	0,017	FALSE
-0,037	0,300	-0,001	0,007	0,036	FALSE
-0,084	0,303	-0,002	0,007	0,126	FALSE
-0,072	0,280	-0,002	0,007	0,121	FALSE
-0,030	0,284	-0,001	0,008	0,063	FALSE
-0,048	0,289	-0,003	0,010	0,127	FALSE
-0,029	0,276	-0,002	0,007	0,096	FALSE
-0,039	0,292	-0,002	0,008	0,082	FALSE
-0,079	0,293	-0,003	0,009	0,151	FALSE
-0,082	0,304	-0,003	0,008	0,163	FALSE
-0,088	0,293	-0,004	0,009	0,163	FALSE
0,052	0,293	0,001	0,006	0,069	FALSE
0,017	0,292	0,000	0,006	0,007	FALSE
0,025	0,291	0,000	0,010	0,013	FALSE
0,030	0,297	0,001	0,008	0,031	FALSE
-0,023	0,286	-0,001	0,007	0,065	FALSE
-0,084	0,292	-0,001	0,011	0,026	FALSE
-0,090	0,281	-0,001	0,012	0,021	FALSE
0,039	0,296	0,000	0,007	0,005	FALSE
0,080	0,302	0,004	0,011	0,137	FALSE
-0,001	0,289	-0,001	0,009	0,055	FALSE
-0,047	0,291	-0,003	0,013	0,089	FALSE
-0,174	0,277	-0,006	0,008	0,313	FALSE
0,023	0,291	0,000	0,009	0,017	FALSE
0,004	0,303	0,000	0,013	0,006	FALSE
-0,125	0,272	-0,002	0,009	0,078	FALSE
-0,021	0,289	-0,001	0,009	0,041	FALSE
-0,068	0,289	-0,002	0,011	0,069	FALSE
0,112	0,288	0,006	0,012	0,220	FALSE
-0,170	0,302	-0,008	0,013	0,272	FALSE
-0,127	0,288	-0,004	0,010	0,166	FALSE
-0,027	0,296	-0,003	0,008	0,128	FALSE
-0,062	0,282	-0,003	0,012	0,085	FALSE
-0,052	0,284	-0,002	0,013	0,061	FALSE
-0,112	0,292	-0,006	0,013	0,184	FALSE
0,011	0,273	0,000	0,012	0,001	FALSE
0,074	0,291	0,001	0,006	0,053	FALSE
-0,045	0,297	-0,001	0,009	0,055	FALSE

-0,030	0,296	-0,001	0,012	0,023	FALSE
-0,061	0,290	-0,001	0,007	0,051	FALSE
0,046	0,305	0,001	0,012	0,023	FALSE
0,112	0,284	0,003	0,008	0,165	FALSE
0,027	0,294	0,001	0,011	0,042	FALSE
0,094	0,297	0,004	0,012	0,131	FALSE
0,151	0,294	0,006	0,010	0,231	FALSE
-0,079	0,285	-0,001	0,007	0,050	FALSE
-0,099	0,284	-0,003	0,010	0,117	FALSE
-0,068	0,288	-0,002	0,008	0,126	FALSE
0,063	0,292	0,003	0,013	0,080	FALSE
0,133	0,296	0,005	0,013	0,137	FALSE
-0,142	0,278	-0,005	0,009	0,237	FALSE
0,016	0,293	0,000	0,008	0,009	FALSE
-0,157	0,284	-0,005	0,009	0,275	FALSE
0,042	0,283	-0,001	0,009	0,049	FALSE
-0,025	0,282	0,001	0,009	0,048	FALSE
-0,035	0,287	-0,001	0,008	0,062	FALSE
0,144	0,287	0,004	0,009	0,199	FALSE
0,021	0,290	0,000	0,007	0,004	FALSE
-0,093	0,290	-0,003	0,011	0,112	FALSE
0,042	0,297	0,000	0,007	0,009	FALSE
-0,120	0,288	-0,004	0,012	0,146	FALSE
-0,077	0,281	-0,003	0,011	0,111	FALSE
0,161	0,294	0,004	0,007	0,196	FALSE
0,105	0,293	0,003	0,009	0,138	FALSE
-0,027	0,293	-0,001	0,009	0,035	FALSE
0,022	0,286	0,001	0,013	0,040	FALSE
-0,062	0,281	-0,003	0,013	0,099	FALSE
0,087	0,295	0,003	0,009	0,119	FALSE
-0,120	0,274	-0,004	0,010	0,179	FALSE
-0,112	0,300	-0,003	0,009	0,155	FALSE
-0,080	0,290	-0,002	0,010	0,085	FALSE
0,126	0,293	0,003	0,009	0,122	FALSE
-0,020	0,292	0,002	0,013	0,047	FALSE
-0,122	0,293	-0,002	0,013	0,060	FALSE
0,031	0,287	0,001	0,012	0,037	FALSE
0,035	0,275	0,000	0,011	0,007	FALSE
-0,120	0,299	-0,003	0,011	0,110	FALSE
0,096	0,296	0,003	0,012	0,090	FALSE
0,200	0,289	0,006	0,008	0,331	FALSE
0,136	0,275	0,004	0,009	0,182	FALSE
0,133	0,302	0,003	0,007	0,186	FALSE
-0,052	0,297	0,000	0,008	0,019	FALSE
0,008	0,294	0,001	0,008	0,032	FALSE
-0,098	0,294	-0,003	0,011	0,122	FALSE
-0,052	0,301	-0,001	0,007	0,050	FALSE
0,059	0,297	0,002	0,008	0,086	FALSE
-0,030	0,298	-0,001	0,006	0,054	FALSE
0,010	0,274	-0,001	0,010	0,034	FALSE
-0,071	0,280	-0,002	0,007	0,083	FALSE
0,014	0,287	-0,002	0,012	0,046	FALSE
-0,162	0,286	-0,005	0,010	0,206	FALSE

0,003	0,270	0,003	0,012	0,104	FALSE
0,075	0,281	0,002	0,007	0,091	FALSE
0,085	0,273	0,004	0,008	0,226	FALSE
-0,011	0,289	0,000	0,008	0,023	FALSE
0,085	0,286	0,005	0,009	0,225	FALSE
0,036	0,286	0,002	0,009	0,076	FALSE
0,016	0,293	0,000	0,013	0,009	FALSE
0,050	0,290	0,002	0,006	0,126	FALSE
-0,154	0,291	-0,003	0,007	0,193	FALSE
0,059	0,310	0,000	0,010	0,009	FALSE
0,203	0,291	0,004	0,006	0,330	FALSE
-0,050	0,303	-0,004	0,013	0,110	FALSE
-0,001	0,301	0,000	0,007	0,013	FALSE
-0,024	0,286	0,000	0,010	0,017	FALSE
-0,014	0,299	0,001	0,007	0,029	FALSE
-0,065	0,301	-0,002	0,012	0,057	FALSE
0,020	0,283	0,001	0,013	0,038	FALSE
0,092	0,292	0,002	0,010	0,085	FALSE
-0,092	0,294	-0,002	0,007	0,111	FALSE
-0,093	0,294	-0,003	0,008	0,166	FALSE
0,103	0,299	0,005	0,011	0,166	FALSE
0,010	0,285	0,001	0,006	0,036	FALSE
0,046	0,281	0,001	0,006	0,071	FALSE
0,042	0,286	0,000	0,012	0,004	FALSE
0,057	0,305	0,001	0,012	0,027	FALSE
0,046	0,300	0,001	0,012	0,014	FALSE
-0,002	0,302	0,000	0,007	0,001	FALSE
-0,033	0,291	-0,002	0,012	0,061	FALSE
0,076	0,294	0,004	0,011	0,146	FALSE
0,033	0,297	0,002	0,012	0,057	FALSE
0,013	0,292	0,001	0,008	0,060	FALSE
0,004	0,301	0,001	0,010	0,019	FALSE
0,162	0,297	0,007	0,013	0,240	FALSE
0,036	0,302	0,000	0,007	0,020	FALSE
-0,016	0,291	-0,002	0,012	0,078	FALSE
-0,007	0,290	0,001	0,007	0,036	FALSE
-0,217	0,272	-0,004	0,006	0,279	FALSE
0,008	0,302	0,000	0,013	0,009	FALSE
-0,008	0,284	0,001	0,013	0,021	FALSE
0,014	0,286	0,001	0,012	0,044	FALSE
0,007	0,277	-0,001	0,011	0,031	FALSE
0,027	0,292	0,001	0,006	0,038	FALSE
-0,106	0,285	-0,003	0,008	0,167	FALSE
0,089	0,285	0,003	0,013	0,098	FALSE
-0,060	0,286	-0,002	0,007	0,101	FALSE
0,114	0,274	0,002	0,012	0,079	FALSE
0,111	0,311	0,002	0,007	0,130	FALSE
-0,003	0,297	0,000	0,013	0,002	FALSE
0,147	0,295	0,007	0,013	0,224	FALSE
0,060	0,284	0,001	0,007	0,064	FALSE
0,011	0,293	0,000	0,009	0,019	FALSE
-0,060	0,283	-0,004	0,011	0,130	FALSE
-0,015	0,291	0,000	0,008	0,007	FALSE

-0,086	0,279	-0,002	0,007	0,088	FALSE
-0,048	0,305	-0,003	0,009	0,134	FALSE
-0,055	0,268	-0,003	0,007	0,185	FALSE
-0,068	0,289	-0,001	0,011	0,030	FALSE
0,111	0,295	0,004	0,009	0,159	FALSE
0,074	0,295	0,003	0,009	0,115	FALSE
-0,108	0,293	-0,003	0,007	0,202	FALSE
0,040	0,286	0,001	0,009	0,045	FALSE
0,025	0,297	0,002	0,008	0,086	FALSE
0,018	0,273	0,003	0,013	0,101	FALSE
0,037	0,279	0,004	0,013	0,108	FALSE
-0,107	0,297	-0,003	0,009	0,135	FALSE
-0,102	0,297	-0,002	0,009	0,102	FALSE
0,042	0,287	0,002	0,007	0,105	FALSE
-0,019	0,271	0,000	0,009	0,008	FALSE
-0,028	0,298	0,000	0,010	0,004	FALSE
-0,027	0,287	0,000	0,010	0,002	FALSE
-0,038	0,271	0,001	0,010	0,042	FALSE
0,010	0,275	0,001	0,011	0,031	FALSE
0,024	0,283	0,001	0,012	0,046	FALSE
-0,011	0,285	0,000	0,012	0,008	FALSE
-0,052	0,293	0,000	0,007	0,022	FALSE
-0,077	0,278	-0,003	0,009	0,121	FALSE
-0,093	0,276	-0,002	0,010	0,084	FALSE
-0,061	0,292	-0,001	0,007	0,073	FALSE
0,002	0,287	0,000	0,009	0,011	FALSE
-0,002	0,291	-0,002	0,011	0,068	FALSE
0,000	0,295	-0,002	0,011	0,059	FALSE
-0,131	0,271	-0,004	0,007	0,238	FALSE
-0,073	0,281	-0,003	0,007	0,143	FALSE
-0,038	0,303	-0,001	0,006	0,036	FALSE
0,000	0,289	0,000	0,006	0,001	FALSE
0,052	0,279	0,000	0,009	0,018	FALSE
0,109	0,292	0,001	0,008	0,062	FALSE
0,091	0,304	0,001	0,008	0,033	FALSE
0,104	0,286	0,006	0,012	0,208	FALSE
0,092	0,289	0,002	0,007	0,122	FALSE
-0,004	0,277	-0,001	0,011	0,018	FALSE
-0,052	0,287	-0,003	0,012	0,097	FALSE
0,019	0,280	0,001	0,008	0,026	FALSE
0,008	0,288	0,000	0,008	0,005	FALSE
-0,067	0,285	-0,002	0,013	0,066	FALSE
-0,044	0,296	-0,002	0,012	0,076	FALSE
-0,043	0,290	-0,002	0,012	0,081	FALSE
-0,018	0,292	-0,001	0,012	0,032	FALSE
-0,058	0,307	-0,003	0,012	0,088	FALSE
0,026	0,286	0,000	0,008	0,005	FALSE
0,034	0,282	0,001	0,007	0,071	FALSE
-0,008	0,304	0,000	0,007	0,015	FALSE
0,042	0,278	0,003	0,012	0,109	FALSE
0,038	0,285	0,001	0,007	0,050	FALSE
-0,069	0,289	-0,001	0,013	0,025	FALSE
-0,127	0,284	-0,003	0,007	0,177	FALSE

0,081	0,285	0,001	0,007	0,045	FALSE
0,026	0,284	0,001	0,008	0,038	FALSE
-0,035	0,291	-0,001	0,008	0,026	FALSE
0,013	0,285	0,000	0,010	0,012	FALSE
-0,021	0,287	0,000	0,009	0,017	FALSE
-0,071	0,289	0,000	0,013	0,006	FALSE
-0,039	0,303	-0,001	0,013	0,040	FALSE
-0,058	0,295	-0,004	0,012	0,117	FALSE
-0,042	0,287	-0,003	0,012	0,093	FALSE
-0,050	0,304	-0,004	0,013	0,111	FALSE
0,037	0,294	0,001	0,008	0,056	FALSE
0,036	0,299	0,001	0,009	0,037	FALSE
0,011	0,293	0,000	0,009	0,006	FALSE
0,028	0,297	0,000	0,011	0,005	FALSE
0,052	0,302	0,001	0,008	0,052	FALSE
0,052	0,288	0,001	0,011	0,045	FALSE
-0,062	0,293	-0,001	0,010	0,026	FALSE
0,062	0,279	0,001	0,007	0,072	FALSE
-0,068	0,293	-0,002	0,010	0,084	FALSE
0,126	0,290	0,005	0,013	0,137	FALSE
0,055	0,309	0,001	0,007	0,065	FALSE
0,052	0,293	0,000	0,007	0,004	FALSE
-0,021	0,302	-0,002	0,012	0,053	FALSE
-0,102	0,291	-0,003	0,010	0,104	FALSE
-0,013	0,293	0,000	0,007	0,004	FALSE
-0,030	0,301	-0,001	0,012	0,037	FALSE
-0,043	0,297	-0,002	0,012	0,052	FALSE
0,005	0,280	0,000	0,010	0,006	FALSE
-0,039	0,283	-0,001	0,012	0,044	FALSE
0,002	0,287	0,000	0,013	0,013	FALSE
-0,109	0,293	-0,004	0,009	0,213	FALSE
-0,082	0,301	-0,001	0,007	0,056	FALSE
0,075	0,288	0,000	0,007	0,004	FALSE
0,051	0,289	0,004	0,011	0,126	FALSE
-0,068	0,272	-0,002	0,011	0,071	FALSE
-0,093	0,289	-0,005	0,011	0,195	FALSE
0,052	0,294	0,002	0,010	0,073	FALSE
-0,065	0,302	-0,002	0,009	0,088	FALSE
0,018	0,282	0,000	0,007	0,017	FALSE
0,036	0,295	0,000	0,008	0,007	FALSE
-0,067	0,281	-0,001	0,007	0,054	FALSE
0,011	0,289	-0,001	0,010	0,031	FALSE
-0,043	0,292	-0,003	0,013	0,091	FALSE
-0,048	0,293	-0,003	0,013	0,078	FALSE
0,024	0,295	0,002	0,009	0,071	FALSE
0,074	0,278	0,003	0,008	0,140	FALSE
-0,034	0,293	0,000	0,011	0,006	FALSE
0,108	0,292	0,002	0,012	0,079	FALSE
-0,063	0,279	-0,001	0,009	0,019	FALSE
0,010	0,290	0,001	0,008	0,033	FALSE
-0,067	0,293	-0,001	0,008	0,051	FALSE
0,003	0,287	0,001	0,007	0,067	FALSE
-0,117	0,294	-0,004	0,009	0,170	FALSE

-0,073	0,290	-0,002	0,008	0,116	FALSE
-0,033	0,293	-0,001	0,009	0,050	FALSE
0,038	0,291	0,002	0,013	0,062	FALSE
0,062	0,298	0,003	0,013	0,079	FALSE
-0,067	0,290	-0,001	0,007	0,038	FALSE
0,095	0,295	0,004	0,013	0,133	FALSE
0,064	0,288	0,002	0,009	0,086	FALSE
0,088	0,293	0,002	0,009	0,066	FALSE
-0,082	0,291	-0,001	0,010	0,040	FALSE
0,059	0,281	0,002	0,012	0,050	FALSE
0,074	0,277	0,003	0,012	0,099	FALSE
-0,127	0,302	-0,003	0,014	0,095	FALSE
-0,150	0,289	-0,005	0,013	0,145	FALSE
-0,087	0,270	-0,002	0,008	0,088	FALSE
0,074	0,293	0,000	0,007	0,004	FALSE
-0,022	0,285	-0,001	0,007	0,033	FALSE
-0,067	0,294	-0,004	0,009	0,162	FALSE
-0,185	0,285	-0,003	0,007	0,187	FALSE
0,094	0,287	0,003	0,011	0,098	FALSE
-0,019	0,285	-0,001	0,012	0,032	FALSE
-0,009	0,293	-0,001	0,013	0,024	FALSE
-0,036	0,309	-0,002	0,013	0,069	FALSE
0,006	0,302	-0,001	0,007	0,036	FALSE
0,064	0,296	0,002	0,012	0,066	FALSE
0,041	0,289	0,002	0,013	0,064	FALSE
-0,061	0,281	0,000	0,007	0,001	FALSE
-0,070	0,278	0,000	0,007	0,004	FALSE
-0,043	0,290	0,001	0,007	0,048	FALSE
-0,119	0,291	-0,005	0,011	0,174	FALSE
0,049	0,298	0,001	0,007	0,050	FALSE
0,066	0,296	0,002	0,007	0,103	FALSE
-0,030	0,284	-0,002	0,010	0,076	FALSE
-0,039	0,288	-0,001	0,013	0,039	FALSE
-0,065	0,289	-0,002	0,013	0,046	FALSE
-0,001	0,286	0,000	0,007	0,007	FALSE
0,007	0,294	0,001	0,009	0,022	FALSE
0,029	0,291	0,000	0,007	0,009	FALSE
-0,046	0,308	-0,002	0,011	0,062	FALSE
0,041	0,292	0,000	0,008	0,011	FALSE
-0,136	0,280	-0,005	0,010	0,186	FALSE
-0,115	0,290	-0,005	0,011	0,173	FALSE
-0,108	0,288	-0,004	0,011	0,154	FALSE
-0,143	0,285	-0,006	0,011	0,222	FALSE
0,030	0,289	0,001	0,006	0,076	FALSE
-0,104	0,299	-0,004	0,011	0,140	FALSE
-0,086	0,305	-0,004	0,011	0,129	FALSE
-0,010	0,299	-0,001	0,010	0,041	FALSE
-0,087	0,287	-0,001	0,007	0,065	FALSE
0,099	0,279	0,006	0,012	0,207	FALSE
0,061	0,292	0,000	0,007	0,004	FALSE
0,080	0,292	0,002	0,007	0,090	FALSE
0,092	0,282	0,002	0,006	0,132	FALSE
0,057	0,297	0,002	0,007	0,103	FALSE

0,122	0,292	0,003	0,009	0,116	FALSE
-0,048	0,280	-0,002	0,012	0,048	FALSE
0,085	0,295	0,002	0,007	0,088	FALSE
0,042	0,303	0,001	0,008	0,042	FALSE
0,029	0,297	0,002	0,010	0,076	FALSE
0,075	0,287	0,001	0,008	0,059	FALSE
-0,088	0,283	-0,001	0,007	0,063	FALSE
-0,027	0,291	0,000	0,013	0,011	FALSE
-0,067	0,288	-0,002	0,009	0,079	FALSE
-0,128	0,284	-0,002	0,006	0,091	FALSE
-0,046	0,291	0,000	0,008	0,004	FALSE
0,039	0,294	0,001	0,009	0,027	FALSE
0,077	0,286	0,004	0,009	0,174	FALSE
0,076	0,285	-0,001	0,010	0,024	FALSE
0,081	0,285	0,003	0,012	0,091	FALSE
-0,173	0,274	-0,004	0,007	0,266	FALSE
-0,165	0,276	-0,004	0,007	0,217	FALSE
-0,184	0,288	-0,005	0,008	0,266	FALSE
-0,173	0,270	-0,004	0,007	0,246	FALSE
-0,190	0,285	-0,004	0,007	0,261	FALSE
-0,167	0,288	-0,004	0,007	0,224	FALSE
-0,171	0,303	-0,004	0,008	0,212	FALSE
-0,175	0,278	-0,004	0,007	0,249	FALSE
-0,164	0,297	-0,004	0,007	0,214	FALSE
-0,162	0,283	-0,004	0,007	0,208	FALSE
-0,188	0,280	-0,004	0,007	0,270	FALSE
-0,162	0,276	-0,004	0,007	0,236	FALSE
-0,170	0,277	-0,004	0,007	0,222	FALSE
0,009	0,290	0,001	0,012	0,021	FALSE
-0,143	0,282	-0,003	0,009	0,159	FALSE
0,081	0,300	0,001	0,007	0,053	FALSE
-0,182	0,268	-0,004	0,008	0,226	FALSE
-0,173	0,281	-0,003	0,007	0,170	FALSE
-0,071	0,283	-0,003	0,011	0,106	FALSE
0,092	0,288	0,001	0,009	0,048	FALSE
0,034	0,286	0,000	0,009	0,018	FALSE
-0,078	0,271	-0,002	0,009	0,091	FALSE
-0,072	0,275	-0,002	0,009	0,089	FALSE
-0,186	0,292	-0,007	0,011	0,277	FALSE
0,039	0,298	0,000	0,010	0,007	FALSE
0,028	0,296	0,001	0,007	0,029	FALSE
-0,125	0,295	-0,002	0,007	0,115	FALSE
0,007	0,295	0,001	0,010	0,039	FALSE
-0,168	0,295	-0,006	0,010	0,225	FALSE
0,022	0,305	0,001	0,011	0,040	FALSE
-0,080	0,297	-0,001	0,007	0,064	FALSE
0,022	0,288	0,001	0,007	0,033	FALSE
-0,034	0,290	0,000	0,011	0,010	FALSE
0,112	0,300	0,003	0,007	0,161	FALSE
-0,026	0,285	0,000	0,010	0,014	FALSE
0,004	0,298	0,001	0,010	0,041	FALSE
0,006	0,291	0,000	0,011	0,010	FALSE
0,125	0,292	0,002	0,007	0,122	FALSE

0,022	0,283	0,000	0,006	0,021	FALSE
-0,020	0,282	0,000	0,006	0,020	FALSE
-0,136	0,273	-0,004	0,011	0,138	FALSE
-0,098	0,289	-0,003	0,012	0,080	FALSE
0,055	0,291	0,000	0,007	0,011	FALSE
-0,029	0,292	-0,001	0,010	0,050	FALSE
-0,093	0,281	-0,002	0,006	0,094	FALSE
0,083	0,291	0,002	0,010	0,065	FALSE
0,112	0,299	0,002	0,009	0,095	FALSE
-0,014	0,285	0,000	0,008	0,003	FALSE
0,047	0,297	0,002	0,010	0,076	FALSE
-0,057	0,291	-0,003	0,011	0,094	FALSE
-0,036	0,288	-0,001	0,007	0,081	FALSE
0,022	0,292	0,000	0,011	0,005	FALSE
-0,078	0,288	-0,002	0,011	0,073	FALSE
-0,139	0,298	-0,003	0,010	0,103	FALSE
-0,048	0,284	-0,002	0,010	0,055	FALSE
-0,050	0,275	-0,002	0,010	0,058	FALSE
-0,099	0,290	-0,001	0,006	0,075	FALSE
0,115	0,278	0,003	0,007	0,151	FALSE
0,159	0,284	0,007	0,013	0,232	FALSE
0,018	0,290	-0,002	0,008	0,079	FALSE
0,096	0,303	0,002	0,007	0,089	FALSE
0,071	0,281	0,001	0,007	0,030	FALSE
0,003	0,299	0,001	0,009	0,029	FALSE
0,059	0,292	0,004	0,011	0,139	FALSE
0,005	0,285	-0,001	0,008	0,026	FALSE
0,102	0,285	0,005	0,012	0,158	FALSE
0,111	0,268	0,007	0,010	0,293	FALSE
-0,037	0,280	0,001	0,010	0,023	FALSE
-0,066	0,295	-0,003	0,009	0,114	FALSE
-0,017	0,297	-0,003	0,012	0,082	FALSE
0,033	0,288	-0,001	0,007	0,032	FALSE
0,031	0,289	0,004	0,013	0,138	FALSE
0,028	0,295	0,000	0,007	0,025	FALSE
-0,042	0,286	-0,001	0,011	0,033	FALSE
0,060	0,286	0,002	0,007	0,113	FALSE
-0,037	0,284	0,000	0,007	0,003	FALSE
-0,063	0,291	0,000	0,009	0,014	FALSE
0,086	0,272	0,002	0,007	0,111	FALSE
-0,066	0,296	-0,003	0,007	0,137	FALSE
-0,116	0,297	-0,005	0,010	0,191	FALSE
-0,017	0,288	0,001	0,011	0,022	FALSE
-0,076	0,285	-0,002	0,012	0,064	FALSE
0,061	0,276	0,000	0,010	0,013	FALSE
-0,058	0,285	-0,002	0,008	0,099	FALSE
0,040	0,292	-0,001	0,009	0,045	FALSE
-0,090	0,301	-0,006	0,013	0,181	FALSE
0,108	0,288	0,003	0,013	0,095	FALSE
0,023	0,299	0,002	0,007	0,081	FALSE
0,022	0,300	0,000	0,006	0,000	FALSE
-0,047	0,284	-0,003	0,012	0,103	FALSE
0,120	0,277	0,004	0,010	0,166	FALSE

0,033	0,287	0,002	0,012	0,059	FALSE
-0,062	0,299	-0,001	0,010	0,030	FALSE
0,066	0,280	0,002	0,010	0,066	FALSE
-0,139	0,289	-0,003	0,007	0,184	FALSE
-0,063	0,280	-0,002	0,009	0,085	FALSE
0,013	0,296	0,000	0,008	0,013	FALSE
0,110	0,293	0,003	0,007	0,172	FALSE
0,094	0,288	0,005	0,013	0,170	FALSE
0,009	0,280	0,000	0,006	0,027	FALSE
-0,060	0,280	-0,001	0,007	0,061	FALSE
0,006	0,293	0,000	0,008	0,007	FALSE
0,016	0,297	0,002	0,012	0,050	FALSE
0,146	0,291	0,005	0,011	0,195	FALSE
0,019	0,288	0,001	0,012	0,045	FALSE
-0,065	0,300	-0,002	0,010	0,058	FALSE
-0,229	0,289	-0,009	0,013	0,297	FALSE
-0,038	0,294	-0,001	0,007	0,084	FALSE
0,065	0,290	0,000	0,010	0,009	FALSE
0,070	0,281	0,001	0,010	0,028	FALSE
0,021	0,291	0,001	0,006	0,031	FALSE
-0,039	0,298	-0,002	0,008	0,073	FALSE
-0,062	0,285	-0,002	0,007	0,100	FALSE
-0,004	0,288	0,000	0,008	0,004	FALSE
-0,006	0,282	0,000	0,007	0,023	FALSE
0,009	0,289	0,001	0,007	0,073	FALSE
-0,091	0,288	-0,004	0,010	0,161	FALSE
-0,079	0,291	-0,003	0,009	0,121	FALSE
-0,030	0,296	0,001	0,010	0,041	FALSE
-0,099	0,295	-0,003	0,010	0,107	FALSE
0,109	0,285	0,002	0,007	0,139	FALSE
-0,013	0,298	0,000	0,008	0,021	FALSE
0,005	0,294	0,002	0,011	0,051	TRUE
-0,032	0,285	0,000	0,012	0,003	FALSE
0,013	0,286	-0,001	0,013	0,017	FALSE
-0,015	0,276	0,002	0,012	0,047	FALSE
-0,014	0,280	0,002	0,012	0,047	FALSE
0,104	0,286	0,005	0,012	0,179	FALSE
0,122	0,288	0,003	0,010	0,109	FALSE
-0,060	0,285	-0,002	0,007	0,109	FALSE
-0,057	0,300	-0,002	0,007	0,108	FALSE
-0,025	0,285	-0,001	0,006	0,064	FALSE
0,008	0,283	-0,001	0,007	0,065	FALSE
-0,041	0,282	-0,001	0,007	0,032	FALSE
0,104	0,286	0,002	0,013	0,072	FALSE
0,139	0,291	0,005	0,009	0,224	FALSE
-0,054	0,284	-0,001	0,008	0,058	FALSE
-0,023	0,292	-0,001	0,009	0,058	FALSE
-0,050	0,293	-0,001	0,013	0,014	FALSE
0,067	0,296	0,003	0,009	0,119	FALSE
0,094	0,293	0,003	0,008	0,134	FALSE
0,024	0,294	0,001	0,007	0,078	FALSE
-0,097	0,290	-0,003	0,009	0,150	FALSE
-0,073	0,283	-0,002	0,007	0,123	FALSE

-0,054	0,282	-0,001	0,007	0,078	FALSE
-0,124	0,294	-0,003	0,010	0,136	FALSE
0,032	0,295	0,001	0,011	0,036	FALSE
0,052	0,301	0,001	0,013	0,029	FALSE
-0,027	0,302	-0,001	0,012	0,029	FALSE
0,121	0,282	0,003	0,006	0,212	FALSE
0,077	0,298	0,001	0,008	0,039	FALSE
-0,020	0,287	0,000	0,009	0,018	FALSE
0,060	0,293	0,002	0,011	0,072	FALSE
0,083	0,293	0,001	0,007	0,052	FALSE
-0,010	0,302	0,000	0,013	0,011	FALSE
0,075	0,295	0,003	0,008	0,127	FALSE
0,007	0,297	-0,001	0,008	0,055	FALSE
-0,025	0,295	-0,001	0,011	0,018	FALSE
-0,013	0,278	0,000	0,012	0,002	FALSE
0,052	0,281	0,001	0,006	0,030	FALSE
0,009	0,295	0,001	0,011	0,040	FALSE
-0,056	0,291	-0,001	0,008	0,049	FALSE
-0,106	0,293	-0,002	0,006	0,137	FALSE
0,062	0,285	0,003	0,009	0,143	FALSE
0,012	0,288	0,000	0,007	0,018	FALSE
-0,087	0,286	-0,004	0,010	0,174	FALSE
-0,056	0,289	0,000	0,012	0,004	FALSE
-0,086	0,288	-0,002	0,012	0,049	FALSE
-0,037	0,296	-0,002	0,008	0,077	FALSE
-0,128	0,287	-0,003	0,012	0,086	FALSE
-0,018	0,305	-0,001	0,008	0,031	FALSE
0,090	0,283	0,002	0,009	0,058	FALSE
0,037	0,282	-0,001	0,011	0,042	FALSE
-0,060	0,294	-0,001	0,007	0,042	FALSE
-0,107	0,263	-0,007	0,012	0,264	FALSE
-0,018	0,298	-0,001	0,009	0,033	FALSE
-0,079	0,283	-0,002	0,009	0,094	FALSE
-0,079	0,283	-0,003	0,009	0,110	FALSE
-0,091	0,294	-0,004	0,008	0,197	FALSE
0,097	0,286	0,002	0,007	0,112	FALSE
0,103	0,295	0,002	0,011	0,057	FALSE
0,015	0,295	0,002	0,013	0,052	FALSE
0,037	0,293	0,002	0,008	0,097	FALSE
0,047	0,297	0,001	0,008	0,058	FALSE
-0,057	0,295	-0,003	0,013	0,089	FALSE
0,210	0,283	0,004	0,006	0,286	FALSE
0,221	0,289	0,004	0,006	0,303	FALSE
-0,012	0,294	-0,002	0,011	0,055	FALSE
0,053	0,272	0,001	0,008	0,050	FALSE
-0,062	0,302	-0,003	0,012	0,094	FALSE
-0,026	0,274	0,000	0,010	0,002	FALSE
-0,081	0,290	-0,002	0,010	0,071	FALSE
0,164	0,290	0,006	0,008	0,302	FALSE
0,040	0,293	0,002	0,010	0,063	FALSE
0,023	0,283	0,001	0,009	0,031	FALSE
0,045	0,301	0,000	0,012	0,011	FALSE
0,124	0,281	0,004	0,009	0,168	FALSE

0,008	0,299	0,000	0,007	0,006	FALSE
0,139	0,291	0,006	0,012	0,206	FALSE
-0,090	0,278	-0,003	0,007	0,152	FALSE
0,093	0,297	0,005	0,013	0,161	FALSE
0,020	0,309	0,001	0,013	0,040	FALSE
-0,023	0,276	0,002	0,013	0,044	FALSE
0,049	0,285	0,003	0,013	0,078	FALSE
-0,207	0,275	-0,005	0,008	0,237	TRUE
-0,047	0,289	-0,001	0,007	0,051	FALSE
0,069	0,296	0,003	0,012	0,086	FALSE
-0,033	0,288	0,000	0,007	0,021	FALSE
0,030	0,290	0,002	0,011	0,075	FALSE
-0,087	0,286	-0,001	0,013	0,035	FALSE
-0,087	0,288	-0,002	0,008	0,121	FALSE
-0,044	0,293	-0,002	0,013	0,056	FALSE
0,081	0,281	0,005	0,013	0,170	FALSE
0,096	0,290	0,003	0,008	0,136	FALSE
0,054	0,293	0,000	0,010	0,015	FALSE
0,042	0,282	0,000	0,010	0,006	FALSE
0,036	0,282	0,001	0,010	0,021	FALSE
0,171	0,275	0,005	0,009	0,251	FALSE
-0,004	0,299	0,000	0,007	0,021	FALSE
-0,116	0,285	-0,001	0,008	0,066	FALSE
0,069	0,295	0,002	0,013	0,068	FALSE
0,019	0,297	0,003	0,011	0,084	FALSE
-0,042	0,286	-0,003	0,011	0,127	FALSE
-0,013	0,277	0,003	0,011	0,116	FALSE
-0,027	0,289	0,001	0,007	0,036	FALSE
-0,055	0,293	-0,005	0,011	0,164	FALSE
0,093	0,302	0,001	0,007	0,053	FALSE
-0,032	0,276	0,002	0,012	0,052	FALSE
-0,055	0,280	-0,001	0,010	0,020	FALSE
-0,127	0,293	-0,006	0,012	0,222	FALSE
0,078	0,295	0,002	0,008	0,096	FALSE
-0,023	0,274	-0,001	0,010	0,039	FALSE
-0,045	0,296	-0,001	0,012	0,027	FALSE
-0,071	0,295	-0,002	0,012	0,070	FALSE
0,021	0,291	-0,001	0,009	0,040	FALSE
-0,015	0,289	0,000	0,008	0,020	FALSE
0,013	0,292	-0,001	0,009	0,058	FALSE
0,016	0,293	-0,001	0,008	0,036	FALSE
-0,054	0,301	-0,001	0,012	0,041	FALSE
-0,060	0,292	-0,002	0,012	0,068	FALSE
-0,031	0,303	-0,002	0,013	0,052	FALSE
-0,016	0,304	-0,002	0,009	0,071	FALSE
0,033	0,303	0,000	0,013	0,010	FALSE
0,072	0,295	0,004	0,013	0,121	FALSE
0,140	0,292	0,004	0,008	0,204	FALSE
0,060	0,293	0,002	0,013	0,059	FALSE
0,161	0,288	0,003	0,009	0,113	FALSE
-0,097	0,307	-0,002	0,009	0,110	FALSE
0,194	0,284	0,006	0,008	0,362	FALSE
0,071	0,291	0,004	0,010	0,142	FALSE

-0,043	0,290	0,000	0,008	0,004	FALSE
-0,063	0,298	-0,001	0,008	0,055	FALSE
-0,047	0,299	-0,001	0,008	0,032	FALSE
-0,088	0,279	-0,002	0,009	0,112	FALSE
0,004	0,294	0,000	0,010	0,009	FALSE
-0,007	0,295	0,000	0,011	0,006	FALSE
-0,036	0,284	-0,002	0,010	0,074	FALSE
0,008	0,261	0,001	0,012	0,016	FALSE
-0,009	0,292	-0,001	0,007	0,041	FALSE
-0,056	0,287	-0,002	0,009	0,068	FALSE
0,037	0,298	0,000	0,011	0,012	FALSE
-0,015	0,291	0,001	0,013	0,040	FALSE
-0,024	0,287	-0,001	0,012	0,029	FALSE
0,042	0,299	0,002	0,013	0,064	FALSE
-0,055	0,289	-0,001	0,011	0,026	FALSE
-0,045	0,297	-0,002	0,013	0,056	FALSE
0,008	0,289	0,002	0,007	0,082	FALSE
-0,090	0,284	-0,001	0,006	0,047	FALSE
0,005	0,293	0,001	0,009	0,055	FALSE
0,182	0,264	0,005	0,010	0,211	FALSE
-0,030	0,308	-0,001	0,013	0,029	FALSE
-0,027	0,304	-0,001	0,010	0,030	FALSE
0,067	0,286	0,003	0,010	0,114	FALSE
-0,067	0,282	-0,003	0,012	0,087	FALSE
-0,035	0,281	-0,002	0,008	0,102	FALSE
-0,003	0,278	-0,001	0,007	0,028	FALSE
-0,041	0,282	-0,001	0,007	0,078	FALSE
-0,013	0,287	-0,001	0,007	0,054	FALSE
0,104	0,283	0,003	0,010	0,143	FALSE
-0,059	0,283	-0,001	0,007	0,030	FALSE
0,043	0,287	0,004	0,013	0,124	FALSE
-0,042	0,286	-0,003	0,010	0,145	FALSE
-0,048	0,306	-0,002	0,010	0,089	FALSE
-0,148	0,288	-0,006	0,013	0,198	FALSE
0,057	0,284	0,001	0,007	0,026	FALSE
-0,154	0,275	-0,004	0,007	0,224	FALSE
0,040	0,291	0,001	0,010	0,053	FALSE
0,103	0,294	0,002	0,009	0,085	FALSE
-0,009	0,292	0,000	0,007	0,008	FALSE
-0,149	0,282	-0,004	0,007	0,230	FALSE
-0,042	0,297	-0,001	0,007	0,048	FALSE
-0,033	0,287	-0,001	0,006	0,038	FALSE
-0,062	0,297	-0,001	0,007	0,068	FALSE
0,089	0,290	0,003	0,012	0,086	FALSE
0,028	0,288	0,003	0,011	0,098	FALSE
-0,037	0,292	-0,001	0,007	0,028	FALSE
0,105	0,286	0,004	0,009	0,197	FALSE
0,098	0,285	0,004	0,008	0,183	FALSE
0,132	0,298	0,005	0,012	0,147	FALSE
0,329	0,265	0,015	0,013	0,614	FALSE
0,148	0,291	0,002	0,006	0,110	FALSE
-0,091	0,269	-0,005	0,012	0,176	FALSE
-0,169	0,281	-0,008	0,013	0,283	FALSE

0,025	0,294	-0,001	0,011	0,017	FALSE
0,018	0,293	0,000	0,012	0,007	FALSE
0,025	0,296	0,001	0,009	0,023	FALSE
0,004	0,296	0,000	0,008	0,004	FALSE
-0,050	0,285	-0,001	0,012	0,042	FALSE
0,085	0,286	0,003	0,011	0,094	FALSE
-0,041	0,287	0,000	0,007	0,014	FALSE
-0,119	0,287	-0,006	0,012	0,225	FALSE
0,065	0,281	0,005	0,012	0,169	FALSE
0,070	0,297	0,002	0,006	0,090	FALSE
0,138	0,285	0,004	0,009	0,196	FALSE
-0,006	0,281	0,000	0,010	0,015	FALSE
0,014	0,282	0,001	0,008	0,050	FALSE
-0,152	0,296	-0,004	0,009	0,200	FALSE
0,011	0,301	0,000	0,007	0,013	FALSE
-0,062	0,286	-0,002	0,007	0,110	FALSE
0,118	0,290	0,003	0,012	0,110	FALSE
0,116	0,295	0,005	0,013	0,138	FALSE
-0,038	0,291	-0,002	0,011	0,052	FALSE
0,041	0,294	0,000	0,006	0,026	FALSE
0,067	0,290	0,003	0,012	0,108	FALSE
-0,053	0,289	-0,002	0,008	0,067	FALSE
0,076	0,290	0,001	0,008	0,050	FALSE
0,008	0,288	0,001	0,007	0,040	TRUE
-0,053	0,281	-0,003	0,010	0,110	FALSE
-0,032	0,278	-0,002	0,007	0,100	FALSE
-0,035	0,291	0,000	0,010	0,010	FALSE
-0,109	0,282	-0,002	0,007	0,136	FALSE
-0,050	0,276	-0,001	0,007	0,041	FALSE
-0,073	0,288	-0,002	0,008	0,082	FALSE
-0,060	0,287	-0,002	0,011	0,077	FALSE
0,120	0,292	0,002	0,008	0,107	FALSE
0,127	0,295	0,003	0,011	0,120	FALSE
0,110	0,301	0,003	0,012	0,097	FALSE
0,117	0,286	0,003	0,011	0,117	FALSE
0,119	0,293	0,003	0,011	0,112	FALSE
0,109	0,306	0,003	0,012	0,094	FALSE
-0,022	0,294	0,000	0,009	0,009	FALSE
-0,019	0,286	-0,001	0,012	0,035	FALSE
0,022	0,285	0,000	0,012	0,001	FALSE
0,017	0,295	0,001	0,013	0,024	FALSE
-0,020	0,293	0,000	0,011	0,012	FALSE
0,040	0,297	0,000	0,012	0,006	FALSE
0,190	0,283	0,005	0,008	0,269	FALSE
0,151	0,279	0,004	0,008	0,222	FALSE
0,012	0,289	0,001	0,008	0,056	FALSE
0,008	0,283	0,001	0,007	0,050	FALSE
-0,002	0,287	0,000	0,008	0,018	FALSE
-0,003	0,294	0,000	0,011	0,005	FALSE
-0,151	0,291	-0,005	0,013	0,164	FALSE
0,040	0,289	0,001	0,007	0,058	FALSE
-0,035	0,288	0,001	0,012	0,031	FALSE
-0,049	0,285	0,001	0,012	0,017	FALSE

-0,147	0,292	-0,003	0,012	0,112	FALSE
-0,136	0,280	-0,003	0,011	0,090	FALSE
-0,109	0,284	-0,002	0,010	0,086	FALSE
-0,079	0,294	-0,002	0,008	0,087	FALSE
0,015	0,283	-0,001	0,010	0,035	FALSE
0,025	0,296	-0,001	0,013	0,034	FALSE
-0,096	0,288	-0,002	0,012	0,075	FALSE
-0,097	0,289	-0,004	0,011	0,137	FALSE
-0,051	0,295	-0,002	0,012	0,053	FALSE
0,041	0,297	0,001	0,013	0,033	FALSE
-0,007	0,297	-0,001	0,013	0,015	FALSE
0,033	0,296	0,000	0,007	0,013	FALSE
0,081	0,288	0,004	0,012	0,127	FALSE
-0,055	0,289	-0,001	0,007	0,034	FALSE
-0,071	0,286	-0,001	0,010	0,032	FALSE
-0,143	0,293	-0,003	0,007	0,185	FALSE
-0,019	0,295	-0,002	0,009	0,079	FALSE
-0,061	0,296	-0,003	0,011	0,107	FALSE
0,084	0,282	0,004	0,008	0,181	FALSE
-0,017	0,281	0,002	0,013	0,044	FALSE
0,009	0,297	-0,001	0,009	0,025	FALSE
0,023	0,291	0,001	0,007	0,045	FALSE
0,053	0,306	0,003	0,014	0,087	FALSE
0,011	0,282	0,000	0,012	0,014	FALSE
0,113	0,287	0,004	0,009	0,171	FALSE
-0,158	0,286	-0,003	0,007	0,191	FALSE
0,005	0,284	-0,001	0,008	0,025	FALSE
-0,093	0,296	-0,001	0,007	0,058	FALSE
0,019	0,295	0,002	0,008	0,073	FALSE
-0,065	0,287	-0,002	0,008	0,081	FALSE
0,061	0,303	0,003	0,013	0,075	FALSE
-0,033	0,299	-0,002	0,012	0,059	FALSE
0,032	0,290	0,000	0,011	0,012	FALSE
-0,109	0,291	-0,003	0,012	0,088	FALSE
0,132	0,291	0,004	0,009	0,165	FALSE
-0,074	0,266	-0,001	0,010	0,038	FALSE
-0,028	0,276	0,000	0,008	0,019	FALSE
0,033	0,291	0,000	0,008	0,003	FALSE
0,035	0,288	0,002	0,007	0,090	FALSE
0,159	0,285	0,007	0,013	0,236	FALSE
-0,078	0,297	-0,002	0,007	0,089	FALSE
-0,090	0,284	-0,002	0,007	0,141	FALSE
0,068	0,295	0,001	0,011	0,044	FALSE
-0,080	0,283	-0,003	0,010	0,130	FALSE
0,012	0,291	0,000	0,006	0,003	FALSE
0,027	0,295	0,000	0,008	0,006	FALSE
0,002	0,269	-0,001	0,008	0,060	FALSE
0,067	0,300	0,002	0,011	0,055	FALSE
-0,046	0,286	-0,002	0,008	0,109	FALSE
0,040	0,296	0,001	0,011	0,028	FALSE
0,038	0,285	0,001	0,011	0,042	FALSE
0,107	0,292	0,004	0,011	0,127	FALSE
0,025	0,295	0,003	0,010	0,097	FALSE

-0,169	0,298	-0,007	0,012	0,272	FALSE
0,105	0,277	0,003	0,009	0,119	FALSE
-0,049	0,296	-0,002	0,010	0,058	FALSE
0,123	0,294	0,003	0,013	0,097	FALSE
0,054	0,295	0,002	0,010	0,062	FALSE
-0,056	0,286	-0,001	0,010	0,047	FALSE
0,033	0,302	0,001	0,006	0,039	FALSE
0,109	0,297	0,002	0,008	0,095	FALSE
0,025	0,292	0,000	0,008	0,003	FALSE
0,034	0,288	0,001	0,012	0,039	FALSE
-0,046	0,287	-0,003	0,009	0,131	FALSE
0,012	0,295	0,000	0,012	0,006	FALSE
-0,071	0,296	-0,001	0,011	0,049	FALSE
0,089	0,282	0,004	0,010	0,148	FALSE
0,162	0,293	0,006	0,010	0,255	FALSE
-0,167	0,278	-0,004	0,009	0,157	FALSE
-0,126	0,277	-0,003	0,008	0,182	FALSE
0,078	0,309	0,001	0,007	0,057	FALSE
0,099	0,300	0,004	0,013	0,123	FALSE
0,095	0,302	0,005	0,013	0,159	FALSE
0,053	0,296	0,001	0,007	0,076	FALSE
0,008	0,286	0,002	0,008	0,100	FALSE
-0,012	0,284	0,002	0,008	0,073	FALSE
-0,108	0,287	-0,003	0,013	0,085	FALSE
0,012	0,297	0,001	0,012	0,036	FALSE
-0,155	0,295	-0,003	0,009	0,124	FALSE
-0,017	0,295	-0,001	0,007	0,036	FALSE
-0,019	0,295	-0,001	0,011	0,017	FALSE
0,002	0,297	-0,002	0,013	0,064	FALSE
0,006	0,288	0,002	0,013	0,065	FALSE
0,019	0,293	0,002	0,008	0,095	FALSE
0,095	0,293	0,003	0,010	0,127	FALSE
-0,052	0,274	-0,001	0,007	0,049	FALSE
-0,026	0,293	0,000	0,007	0,006	FALSE
-0,095	0,288	-0,004	0,012	0,126	FALSE
0,114	0,274	0,008	0,012	0,282	FALSE
-0,015	0,319	-0,001	0,012	0,021	FALSE
-0,039	0,307	-0,002	0,008	0,079	FALSE
0,063	0,285	0,002	0,011	0,063	FALSE
0,004	0,282	0,000	0,011	0,005	FALSE
0,004	0,291	0,001	0,012	0,035	FALSE
0,063	0,287	0,001	0,012	0,021	FALSE
0,049	0,291	0,000	0,012	0,002	FALSE
0,018	0,293	0,002	0,013	0,051	FALSE
0,085	0,269	0,004	0,011	0,159	FALSE
0,019	0,289	0,000	0,009	0,011	FALSE
-0,069	0,280	0,000	0,007	0,013	FALSE
-0,176	0,280	-0,003	0,007	0,209	FALSE
-0,042	0,296	-0,001	0,011	0,033	FALSE
-0,041	0,294	-0,001	0,011	0,035	FALSE
-0,039	0,303	-0,002	0,009	0,092	FALSE
0,095	0,277	0,002	0,007	0,118	FALSE
-0,004	0,288	-0,001	0,007	0,072	FALSE

0,057	0,301	0,002	0,011	0,060	FALSE
0,126	0,288	0,003	0,006	0,185	FALSE
0,145	0,292	0,004	0,008	0,199	FALSE
0,071	0,293	0,002	0,010	0,065	FALSE
0,068	0,291	0,000	0,007	0,024	FALSE
0,035	0,295	0,002	0,013	0,045	FALSE
0,019	0,305	0,001	0,008	0,040	FALSE
-0,093	0,287	-0,002	0,007	0,113	FALSE
-0,098	0,284	-0,002	0,006	0,113	FALSE
-0,027	0,275	0,001	0,011	0,052	FALSE
0,041	0,284	0,000	0,008	0,012	FALSE
0,061	0,280	-0,001	0,009	0,022	FALSE
0,075	0,296	0,003	0,010	0,103	FALSE
-0,063	0,272	-0,002	0,008	0,117	FALSE
-0,157	0,284	-0,008	0,013	0,292	FALSE
-0,145	0,284	-0,007	0,013	0,247	FALSE
0,066	0,280	0,003	0,012	0,098	FALSE
0,184	0,269	0,006	0,011	0,251	FALSE
-0,026	0,292	0,000	0,012	0,008	FALSE
-0,062	0,295	-0,001	0,012	0,044	FALSE
0,159	0,281	0,002	0,007	0,119	FALSE
-0,008	0,280	-0,002	0,011	0,067	FALSE
0,181	0,277	0,009	0,013	0,317	FALSE
0,205	0,282	0,010	0,013	0,355	FALSE
0,221	0,275	0,011	0,013	0,406	FALSE
0,160	0,289	0,008	0,013	0,286	FALSE
-0,087	0,304	-0,002	0,008	0,085	FALSE
-0,001	0,292	0,001	0,007	0,055	FALSE
-0,011	0,285	-0,001	0,008	0,022	FALSE
-0,155	0,298	-0,007	0,012	0,269	FALSE
-0,074	0,281	-0,003	0,011	0,117	FALSE
0,142	0,281	0,006	0,011	0,250	FALSE
0,186	0,283	0,005	0,008	0,266	FALSE
-0,055	0,290	0,000	0,009	0,005	FALSE
0,031	0,276	0,000	0,011	0,008	FALSE
-0,038	0,291	-0,001	0,011	0,043	FALSE
-0,055	0,288	-0,005	0,012	0,157	FALSE
-0,137	0,296	-0,004	0,008	0,209	FALSE
-0,127	0,281	-0,003	0,009	0,127	FALSE
0,056	0,287	0,002	0,008	0,088	FALSE
-0,075	0,302	-0,002	0,008	0,086	FALSE
0,019	0,286	0,001	0,007	0,063	FALSE
-0,029	0,291	-0,001	0,009	0,056	FALSE
0,087	0,294	0,003	0,008	0,145	FALSE
0,216	0,275	0,005	0,007	0,352	FALSE
0,001	0,294	0,001	0,011	0,039	FALSE
-0,130	0,297	-0,003	0,007	0,172	FALSE
-0,098	0,295	-0,004	0,013	0,119	FALSE
-0,112	0,276	-0,002	0,006	0,135	FALSE
-0,040	0,299	-0,002	0,008	0,077	FALSE
-0,104	0,280	-0,002	0,007	0,122	FALSE
-0,202	0,283	-0,007	0,011	0,291	FALSE
0,140	0,282	0,003	0,007	0,203	FALSE

-0,065	0,288	-0,001	0,007	0,033	FALSE
0,089	0,288	0,003	0,011	0,087	FALSE
0,074	0,304	0,001	0,009	0,022	FALSE
0,013	0,290	0,000	0,008	0,008	FALSE
0,031	0,288	0,001	0,007	0,051	FALSE
-0,170	0,276	-0,003	0,006	0,214	FALSE
0,072	0,286	0,001	0,008	0,071	FALSE
-0,010	0,292	-0,002	0,011	0,078	FALSE
0,015	0,304	-0,001	0,012	0,028	FALSE
0,061	0,278	0,001	0,007	0,050	FALSE
0,039	0,290	0,000	0,009	0,016	FALSE
-0,019	0,276	0,000	0,007	0,001	FALSE
0,094	0,287	0,002	0,006	0,158	FALSE
0,017	0,286	0,001	0,008	0,023	FALSE
-0,062	0,292	-0,003	0,009	0,127	FALSE
0,008	0,278	0,001	0,012	0,030	FALSE
-0,134	0,281	-0,003	0,007	0,185	FALSE
-0,002	0,301	0,000	0,009	0,001	FALSE
0,015	0,288	-0,002	0,008	0,083	FALSE
-0,063	0,283	-0,001	0,007	0,033	FALSE
0,020	0,290	0,001	0,007	0,076	FALSE
0,045	0,299	0,002	0,009	0,075	FALSE
0,112	0,288	0,003	0,011	0,120	FALSE
-0,055	0,280	-0,002	0,006	0,130	FALSE
-0,053	0,302	-0,002	0,007	0,105	FALSE
0,053	0,280	0,002	0,006	0,103	FALSE
-0,037	0,285	-0,002	0,006	0,095	FALSE
-0,082	0,298	-0,002	0,011	0,054	FALSE
-0,086	0,289	-0,002	0,011	0,051	FALSE
0,015	0,296	0,000	0,007	0,015	FALSE
-0,052	0,288	-0,001	0,012	0,033	FALSE
-0,046	0,303	-0,001	0,009	0,059	FALSE
-0,211	0,268	-0,007	0,010	0,351	FALSE
-0,150	0,288	-0,003	0,006	0,232	FALSE
0,099	0,292	0,000	0,007	0,024	FALSE
0,125	0,288	0,001	0,007	0,050	FALSE
-0,052	0,295	-0,002	0,009	0,073	FALSE
-0,038	0,309	-0,002	0,010	0,062	FALSE
-0,099	0,289	-0,004	0,009	0,153	FALSE
-0,151	0,291	-0,004	0,010	0,189	FALSE
-0,141	0,281	-0,004	0,010	0,163	FALSE
-0,052	0,299	-0,002	0,008	0,102	FALSE
0,082	0,281	0,003	0,012	0,084	FALSE
0,005	0,278	0,001	0,012	0,044	FALSE
-0,177	0,283	-0,006	0,009	0,290	FALSE
0,056	0,279	0,002	0,013	0,070	FALSE
0,089	0,297	0,001	0,007	0,064	FALSE
0,002	0,297	0,000	0,009	0,015	FALSE
0,051	0,297	0,003	0,012	0,087	FALSE
-0,098	0,279	-0,005	0,012	0,173	FALSE
0,096	0,283	0,004	0,011	0,136	FALSE
-0,200	0,275	-0,004	0,008	0,208	FALSE
0,013	0,290	0,000	0,010	0,014	FALSE

0,045	0,295	0,002	0,011	0,068	FALSE
0,061	0,300	0,001	0,008	0,067	FALSE
0,053	0,290	0,002	0,010	0,085	FALSE
-0,013	0,298	0,001	0,013	0,016	FALSE
0,083	0,290	0,003	0,011	0,124	FALSE
0,120	0,279	0,003	0,009	0,125	FALSE
0,071	0,288	-0,001	0,007	0,030	FALSE
0,106	0,292	0,003	0,008	0,144	FALSE
0,004	0,275	-0,003	0,012	0,098	FALSE
0,037	0,295	0,000	0,007	0,013	FALSE
0,064	0,312	0,001	0,013	0,036	FALSE
-0,054	0,289	-0,001	0,006	0,061	FALSE
0,001	0,281	-0,001	0,013	0,019	FALSE
-0,089	0,294	-0,003	0,013	0,074	FALSE
0,013	0,288	0,000	0,006	0,022	FALSE
0,089	0,286	0,005	0,010	0,191	FALSE
-0,214	0,276	-0,008	0,011	0,305	FALSE
0,087	0,289	0,005	0,010	0,194	FALSE
-0,033	0,289	-0,001	0,009	0,022	FALSE
-0,082	0,281	-0,003	0,007	0,164	FALSE
0,094	0,279	0,007	0,012	0,235	FALSE
0,015	0,289	0,001	0,010	0,024	FALSE
-0,029	0,284	-0,002	0,007	0,109	FALSE
0,152	0,287	0,003	0,008	0,164	FALSE
-0,091	0,289	-0,003	0,008	0,126	FALSE
-0,004	0,297	0,000	0,007	0,017	FALSE
0,030	0,283	0,001	0,007	0,077	FALSE
-0,078	0,304	-0,003	0,010	0,118	FALSE
-0,040	0,284	-0,001	0,012	0,039	FALSE
-0,027	0,304	-0,001	0,012	0,033	FALSE
-0,042	0,287	-0,001	0,013	0,027	FALSE
-0,023	0,279	-0,001	0,012	0,015	FALSE
-0,007	0,301	0,000	0,013	0,006	FALSE
0,054	0,287	0,003	0,007	0,161	FALSE
0,024	0,279	0,001	0,007	0,073	FALSE
-0,011	0,285	-0,001	0,009	0,047	FALSE
0,000	0,292	0,001	0,008	0,065	FALSE
0,051	0,284	0,001	0,008	0,065	FALSE
0,063	0,300	0,002	0,012	0,059	FALSE
-0,117	0,283	-0,002	0,007	0,124	FALSE
-0,136	0,290	-0,004	0,009	0,175	FALSE
0,050	0,294	0,002	0,010	0,068	FALSE
-0,009	0,285	-0,001	0,009	0,044	FALSE
-0,146	0,291	-0,004	0,009	0,201	FALSE
0,145	0,290	0,002	0,007	0,138	FALSE
-0,063	0,295	-0,001	0,007	0,055	FALSE
0,030	0,285	0,000	0,010	0,005	FALSE
-0,105	0,293	-0,003	0,012	0,111	FALSE
0,016	0,293	0,000	0,010	0,009	FALSE
0,007	0,287	0,000	0,007	0,024	FALSE
0,054	0,279	0,003	0,009	0,131	FALSE
0,061	0,286	0,004	0,010	0,146	FALSE
0,062	0,285	0,004	0,013	0,112	FALSE

-0,036	0,308	-0,002	0,013	0,049	FALSE
0,142	0,270	0,008	0,010	0,369	FALSE
0,055	0,301	0,001	0,010	0,026	FALSE
0,046	0,299	0,002	0,006	0,126	FALSE
0,108	0,276	0,003	0,007	0,169	FALSE
-0,092	0,295	-0,004	0,010	0,147	FALSE
0,000	0,306	0,000	0,010	0,008	FALSE
0,049	0,300	0,002	0,013	0,065	FALSE
-0,030	0,297	-0,001	0,012	0,029	FALSE
0,068	0,284	0,002	0,006	0,151	FALSE
0,090	0,297	0,003	0,013	0,082	FALSE
0,100	0,289	0,003	0,013	0,099	FALSE
-0,031	0,284	-0,002	0,007	0,089	FALSE
0,098	0,292	0,001	0,009	0,041	FALSE
-0,106	0,290	-0,004	0,011	0,146	FALSE
0,154	0,289	0,008	0,012	0,291	FALSE
0,069	0,279	0,001	0,011	0,040	FALSE
-0,079	0,286	-0,002	0,010	0,088	FALSE
-0,020	0,294	0,000	0,012	0,010	FALSE
0,104	0,281	0,003	0,008	0,172	FALSE
-0,185	0,289	-0,004	0,007	0,244	FALSE
-0,001	0,304	0,000	0,007	0,014	FALSE
-0,013	0,303	-0,001	0,010	0,041	FALSE
-0,043	0,281	-0,002	0,009	0,109	FALSE
-0,148	0,290	-0,007	0,011	0,293	FALSE
-0,069	0,298	-0,003	0,011	0,100	FALSE
-0,153	0,280	-0,003	0,007	0,157	FALSE
0,044	0,300	0,001	0,007	0,041	FALSE
0,079	0,282	0,002	0,012	0,058	FALSE
0,140	0,282	0,005	0,013	0,153	FALSE
-0,039	0,299	0,000	0,007	0,011	FALSE
-0,048	0,289	-0,003	0,010	0,109	FALSE
-0,104	0,292	-0,003	0,013	0,084	FALSE
-0,135	0,289	-0,003	0,007	0,147	FALSE
-0,139	0,286	-0,004	0,008	0,205	FALSE
-0,077	0,303	-0,002	0,011	0,050	FALSE
-0,092	0,296	-0,003	0,009	0,115	FALSE
-0,088	0,287	-0,001	0,007	0,067	FALSE
0,059	0,283	0,001	0,007	0,067	FALSE
0,086	0,279	0,002	0,007	0,102	FALSE
0,178	0,283	0,003	0,007	0,165	FALSE
0,105	0,279	0,002	0,010	0,089	FALSE
0,121	0,288	0,003	0,011	0,106	FALSE
0,108	0,278	0,003	0,010	0,096	FALSE
0,143	0,287	0,004	0,011	0,150	FALSE
0,035	0,287	0,001	0,008	0,050	FALSE
-0,090	0,282	-0,001	0,008	0,061	FALSE
0,165	0,282	0,004	0,007	0,263	FALSE
-0,093	0,290	-0,001	0,007	0,074	FALSE
0,068	0,282	0,002	0,008	0,095	FALSE
-0,121	0,283	-0,003	0,009	0,131	FALSE
-0,154	0,280	-0,005	0,009	0,211	FALSE
-0,099	0,286	-0,002	0,007	0,132	FALSE

-0,050	0,287	-0,001	0,009	0,038	FALSE
0,135	0,308	0,002	0,008	0,099	FALSE
-0,054	0,289	-0,003	0,008	0,129	FALSE
-0,040	0,298	-0,001	0,010	0,049	FALSE
0,006	0,283	0,000	0,010	0,014	FALSE
0,052	0,269	0,003	0,011	0,110	FALSE
-0,109	0,283	-0,003	0,012	0,088	FALSE
-0,002	0,291	0,000	0,007	0,016	FALSE
-0,041	0,278	0,000	0,013	0,007	FALSE
-0,035	0,308	0,000	0,012	0,006	FALSE
-0,088	0,274	-0,004	0,009	0,197	FALSE
0,153	0,276	0,006	0,011	0,238	FALSE
0,053	0,292	0,002	0,010	0,067	FALSE
-0,073	0,288	-0,002	0,007	0,091	FALSE
-0,069	0,292	-0,002	0,007	0,096	FALSE
0,082	0,284	0,002	0,009	0,097	FALSE
-0,066	0,279	-0,001	0,006	0,041	FALSE
0,042	0,294	0,002	0,013	0,061	FALSE
-0,042	0,286	0,000	0,010	0,003	FALSE
-0,068	0,290	-0,001	0,009	0,035	FALSE
-0,041	0,292	-0,001	0,008	0,057	FALSE
-0,150	0,267	-0,004	0,010	0,185	FALSE
0,063	0,286	0,003	0,009	0,136	FALSE
-0,051	0,279	0,000	0,011	0,007	FALSE
0,069	0,295	0,002	0,010	0,092	FALSE
0,048	0,295	0,001	0,010	0,047	FALSE
0,163	0,286	0,004	0,011	0,142	FALSE
-0,135	0,277	-0,002	0,008	0,098	FALSE
-0,083	0,291	-0,003	0,012	0,085	FALSE
-0,005	0,283	-0,001	0,009	0,025	FALSE
-0,041	0,300	0,000	0,007	0,027	FALSE
-0,108	0,281	-0,005	0,012	0,155	FALSE
-0,021	0,285	-0,001	0,012	0,018	FALSE
-0,101	0,286	-0,004	0,012	0,136	FALSE
-0,117	0,275	-0,005	0,012	0,174	FALSE
-0,092	0,296	-0,002	0,011	0,074	FALSE
-0,102	0,299	-0,001	0,011	0,039	FALSE
0,012	0,287	0,001	0,010	0,022	FALSE
0,005	0,279	0,000	0,010	0,013	FALSE
0,023	0,295	0,001	0,009	0,057	FALSE
0,087	0,289	0,002	0,012	0,072	FALSE
-0,016	0,283	0,001	0,012	0,021	FALSE
-0,002	0,278	0,001	0,012	0,034	FALSE
-0,038	0,303	-0,001	0,007	0,029	FALSE
-0,060	0,294	-0,002	0,009	0,084	FALSE
0,033	0,284	0,001	0,007	0,041	FALSE
-0,050	0,304	-0,003	0,013	0,071	FALSE
-0,037	0,299	-0,001	0,013	0,030	FALSE
-0,004	0,300	0,000	0,013	0,007	FALSE
-0,158	0,294	-0,006	0,012	0,218	FALSE
0,246	0,285	0,010	0,011	0,423	FALSE
-0,033	0,304	-0,001	0,010	0,045	FALSE
-0,105	0,294	-0,004	0,010	0,165	FALSE

0,087	0,302	0,004	0,012	0,113	FALSE
0,068	0,280	0,003	0,012	0,083	FALSE
0,080	0,295	0,004	0,009	0,177	FALSE
-0,055	0,294	-0,002	0,009	0,099	FALSE
-0,039	0,277	-0,001	0,010	0,046	FALSE
-0,032	0,288	-0,001	0,010	0,040	FALSE
-0,035	0,294	-0,001	0,011	0,045	FALSE
-0,047	0,297	-0,001	0,010	0,043	FALSE
-0,047	0,297	-0,002	0,007	0,105	FALSE
-0,029	0,289	-0,001	0,009	0,028	FALSE
0,047	0,279	0,001	0,012	0,041	FALSE
0,043	0,277	0,000	0,009	0,003	FALSE
-0,144	0,285	-0,005	0,010	0,213	FALSE
-0,129	0,303	-0,004	0,009	0,156	FALSE
0,062	0,287	0,001	0,011	0,040	FALSE
-0,065	0,287	-0,003	0,008	0,141	FALSE
-0,071	0,301	-0,002	0,008	0,085	FALSE
0,025	0,300	-0,001	0,010	0,022	FALSE
0,153	0,285	0,004	0,009	0,172	FALSE
0,052	0,309	0,001	0,010	0,036	FALSE
-0,005	0,290	0,000	0,011	0,001	FALSE
-0,013	0,282	0,001	0,011	0,023	FALSE
0,068	0,289	0,002	0,008	0,112	FALSE
-0,084	0,296	-0,003	0,011	0,094	FALSE
0,040	0,291	0,000	0,012	0,013	FALSE
-0,176	0,283	-0,007	0,012	0,264	FALSE
-0,054	0,291	-0,002	0,012	0,051	FALSE
-0,088	0,288	-0,002	0,008	0,107	FALSE
0,030	0,295	0,001	0,009	0,024	FALSE
0,047	0,292	0,001	0,009	0,051	FALSE
0,012	0,292	-0,001	0,010	0,048	FALSE
0,111	0,305	0,003	0,009	0,156	FALSE
-0,043	0,302	-0,001	0,008	0,064	FALSE
0,154	0,273	0,006	0,012	0,212	FALSE
-0,114	0,296	-0,004	0,012	0,143	FALSE
0,038	0,298	0,002	0,012	0,047	FALSE
0,113	0,290	0,005	0,012	0,180	FALSE
0,123	0,287	0,006	0,012	0,203	FALSE
0,151	0,290	0,007	0,012	0,243	FALSE
0,137	0,288	0,006	0,012	0,228	FALSE
0,092	0,286	0,003	0,011	0,120	FALSE
-0,100	0,289	-0,002	0,008	0,100	FALSE
-0,061	0,283	-0,003	0,009	0,111	FALSE
0,140	0,279	0,003	0,007	0,157	FALSE
-0,045	0,296	0,000	0,007	0,021	FALSE
-0,014	0,298	-0,001	0,008	0,027	FALSE
-0,097	0,291	-0,002	0,009	0,094	FALSE
-0,013	0,300	-0,002	0,013	0,048	FALSE
-0,041	0,299	-0,001	0,013	0,025	FALSE
-0,148	0,280	-0,004	0,009	0,157	FALSE
-0,130	0,276	-0,002	0,007	0,136	FALSE
0,118	0,291	0,006	0,010	0,234	FALSE
-0,026	0,284	-0,002	0,010	0,068	FALSE

0,113	0,282	0,002	0,008	0,085	FALSE
0,114	0,291	0,005	0,012	0,170	FALSE
-0,079	0,301	-0,003	0,012	0,099	FALSE
0,097	0,280	0,001	0,007	0,044	FALSE
0,077	0,304	0,000	0,009	0,013	FALSE
-0,083	0,291	-0,005	0,013	0,163	FALSE
0,156	0,267	0,004	0,012	0,130	FALSE
-0,028	0,287	0,000	0,010	0,010	FALSE
0,073	0,296	0,002	0,012	0,070	FALSE
0,123	0,267	0,004	0,009	0,178	FALSE
0,014	0,285	0,001	0,006	0,031	FALSE
0,022	0,283	0,002	0,010	0,063	FALSE
-0,103	0,285	-0,002	0,009	0,098	FALSE
-0,087	0,296	-0,002	0,010	0,067	FALSE
-0,113	0,273	-0,003	0,012	0,090	FALSE
0,089	0,286	0,003	0,010	0,116	FALSE
0,037	0,281	0,002	0,007	0,121	FALSE
-0,266	0,264	-0,008	0,009	0,410	FALSE
0,010	0,294	0,001	0,006	0,053	FALSE
-0,053	0,284	-0,002	0,008	0,070	FALSE
0,047	0,285	0,002	0,007	0,111	FALSE
0,039	0,278	0,002	0,007	0,105	FALSE
0,032	0,289	0,001	0,011	0,027	FALSE
0,013	0,288	0,001	0,010	0,036	FALSE
0,051	0,295	0,001	0,013	0,035	FALSE
-0,212	0,279	-0,004	0,007	0,249	FALSE
0,135	0,290	0,006	0,013	0,195	FALSE
0,016	0,285	0,000	0,012	0,000	FALSE
0,024	0,302	0,001	0,012	0,015	FALSE
0,014	0,309	0,000	0,008	0,011	FALSE
-0,139	0,275	-0,003	0,008	0,134	FALSE
-0,019	0,286	0,001	0,006	0,030	FALSE
-0,114	0,283	-0,001	0,007	0,085	FALSE
0,087	0,302	0,003	0,011	0,110	FALSE
0,048	0,279	0,001	0,006	0,086	FALSE
0,104	0,289	0,003	0,009	0,131	FALSE
0,006	0,298	0,000	0,008	0,011	FALSE
-0,141	0,287	-0,003	0,007	0,154	FALSE
0,016	0,301	0,000	0,012	0,001	FALSE
-0,062	0,299	0,000	0,008	0,019	FALSE
-0,131	0,290	-0,004	0,012	0,133	FALSE
-0,076	0,284	-0,001	0,007	0,076	FALSE
0,026	0,297	0,001	0,010	0,043	FALSE
-0,028	0,266	0,000	0,007	0,020	FALSE
0,031	0,277	0,000	0,009	0,008	FALSE
0,015	0,281	0,002	0,010	0,068	FALSE
0,011	0,278	0,001	0,013	0,021	FALSE
0,156	0,293	0,005	0,009	0,213	FALSE
0,022	0,289	0,001	0,012	0,017	FALSE
-0,101	0,296	-0,004	0,013	0,109	FALSE
0,103	0,296	0,002	0,007	0,096	FALSE
0,079	0,280	0,002	0,011	0,081	FALSE
0,073	0,277	0,002	0,011	0,075	FALSE

-0,144	0,284	-0,003	0,009	0,120	FALSE
-0,098	0,283	-0,002	0,010	0,060	FALSE
0,088	0,289	0,002	0,012	0,081	FALSE
-0,062	0,277	-0,001	0,010	0,055	FALSE
0,120	0,283	0,002	0,009	0,097	FALSE
0,073	0,287	0,001	0,009	0,023	FALSE
-0,155	0,278	-0,003	0,007	0,189	FALSE
-0,162	0,294	-0,006	0,010	0,240	FALSE
-0,131	0,282	-0,004	0,008	0,179	FALSE
0,107	0,293	0,003	0,013	0,103	FALSE
-0,035	0,295	-0,001	0,008	0,047	FALSE
0,094	0,293	0,002	0,011	0,084	FALSE
-0,049	0,294	-0,002	0,012	0,076	FALSE
0,022	0,293	0,001	0,006	0,066	FALSE
0,090	0,293	0,002	0,008	0,120	FALSE
-0,077	0,293	-0,001	0,013	0,038	FALSE
0,140	0,298	0,004	0,010	0,149	FALSE
0,005	0,286	0,000	0,008	0,003	FALSE
-0,055	0,286	0,000	0,007	0,001	FALSE
-0,112	0,295	-0,003	0,007	0,171	FALSE
-0,096	0,278	-0,005	0,010	0,196	FALSE
0,071	0,294	0,001	0,007	0,077	FALSE
0,004	0,300	0,001	0,009	0,055	FALSE
0,000	0,281	-0,001	0,010	0,027	FALSE
0,041	0,291	0,002	0,008	0,101	FALSE
0,035	0,300	0,002	0,008	0,091	FALSE
0,027	0,292	0,001	0,009	0,033	FALSE
0,079	0,282	0,003	0,009	0,123	FALSE
-0,049	0,294	-0,001	0,007	0,035	FALSE
0,124	0,286	0,004	0,012	0,118	FALSE
0,086	0,286	0,003	0,009	0,113	FALSE
0,084	0,303	0,003	0,009	0,122	FALSE
0,087	0,295	0,003	0,009	0,120	FALSE
-0,026	0,276	0,001	0,010	0,041	FALSE
0,039	0,305	0,002	0,013	0,063	FALSE
-0,131	0,279	-0,003	0,006	0,187	FALSE
-0,005	0,286	0,001	0,012	0,038	FALSE
-0,212	0,281	-0,004	0,007	0,286	FALSE
0,193	0,290	0,005	0,007	0,325	FALSE
0,047	0,291	0,003	0,012	0,082	FALSE
0,070	0,290	0,003	0,012	0,112	FALSE
0,070	0,286	0,003	0,012	0,109	FALSE
0,006	0,305	0,000	0,012	0,010	FALSE
-0,031	0,294	-0,002	0,007	0,113	FALSE
0,134	0,304	0,002	0,007	0,126	FALSE
0,074	0,298	0,001	0,009	0,062	FALSE
-0,088	0,298	-0,004	0,013	0,114	FALSE
0,000	0,288	0,001	0,008	0,036	FALSE
-0,055	0,300	-0,002	0,011	0,074	FALSE
-0,087	0,293	-0,002	0,009	0,105	FALSE
-0,187	0,277	-0,008	0,013	0,270	FALSE
-0,128	0,274	-0,006	0,013	0,178	FALSE
0,103	0,283	0,002	0,007	0,104	FALSE

0,105	0,281	0,002	0,007	0,137	FALSE
-0,010	0,301	0,001	0,011	0,017	FALSE
0,034	0,299	0,001	0,008	0,042	FALSE
-0,099	0,275	-0,001	0,009	0,044	FALSE
-0,109	0,282	-0,005	0,011	0,179	FALSE
0,003	0,298	0,001	0,007	0,043	FALSE
0,216	0,277	0,006	0,007	0,425	FALSE
0,057	0,285	0,001	0,007	0,058	FALSE
0,120	0,292	0,003	0,007	0,200	FALSE
-0,122	0,287	-0,005	0,012	0,172	FALSE
0,104	0,294	0,001	0,007	0,049	FALSE
0,015	0,278	0,001	0,009	0,026	FALSE
0,064	0,280	0,001	0,009	0,049	FALSE
-0,026	0,294	-0,001	0,013	0,031	FALSE
0,140	0,284	0,004	0,007	0,245	FALSE
-0,080	0,304	-0,003	0,008	0,138	FALSE
0,157	0,287	0,005	0,011	0,177	FALSE
0,029	0,294	0,000	0,012	0,014	FALSE
-0,096	0,274	-0,005	0,012	0,171	FALSE
-0,022	0,284	-0,003	0,012	0,105	FALSE
0,118	0,297	0,002	0,006	0,112	FALSE
0,089	0,294	0,002	0,007	0,084	FALSE
0,063	0,286	0,001	0,009	0,024	FALSE
-0,002	0,288	-0,001	0,008	0,058	FALSE
0,114	0,270	0,006	0,011	0,240	FALSE
-0,215	0,277	-0,004	0,006	0,310	FALSE
-0,016	0,293	0,000	0,010	0,012	FALSE
0,032	0,304	0,000	0,012	0,007	FALSE
0,030	0,292	-0,002	0,009	0,077	FALSE
0,165	0,290	0,006	0,011	0,218	FALSE
0,055	0,294	0,003	0,009	0,112	FALSE
0,072	0,281	0,003	0,011	0,096	FALSE
0,194	0,294	0,005	0,008	0,239	FALSE
0,113	0,279	0,004	0,008	0,190	FALSE
0,104	0,284	0,002	0,007	0,101	FALSE
0,033	0,289	0,001	0,007	0,049	FALSE
0,120	0,287	0,005	0,010	0,196	FALSE
0,073	0,288	0,002	0,013	0,059	FALSE
0,085	0,279	0,004	0,012	0,123	FALSE
0,068	0,280	0,003	0,012	0,083	FALSE
-0,079	0,298	-0,002	0,009	0,094	FALSE
0,079	0,284	0,003	0,012	0,098	FALSE
0,099	0,303	0,004	0,011	0,156	FALSE
-0,024	0,282	0,000	0,007	0,003	FALSE
0,002	0,287	0,000	0,010	0,014	FALSE
-0,036	0,288	-0,002	0,007	0,124	FALSE
-0,058	0,290	-0,004	0,012	0,147	FALSE
-0,044	0,295	-0,005	0,012	0,155	FALSE
-0,223	0,285	-0,006	0,008	0,356	FALSE
0,000	0,289	-0,001	0,008	0,049	FALSE
0,053	0,290	0,001	0,008	0,046	FALSE
0,075	0,311	0,002	0,012	0,067	FALSE
0,047	0,289	0,001	0,006	0,033	FALSE

0,003	0,285	0,000	0,008	0,016	TRUE
0,113	0,286	0,003	0,013	0,088	FALSE
-0,075	0,307	-0,003	0,013	0,090	FALSE
-0,044	0,300	0,000	0,012	0,000	FALSE
0,067	0,275	0,001	0,006	0,078	FALSE
-0,040	0,285	0,000	0,011	0,002	FALSE
0,086	0,274	0,002	0,006	0,117	FALSE
0,066	0,298	0,004	0,012	0,119	FALSE
-0,188	0,279	-0,005	0,007	0,341	FALSE
0,196	0,295	0,005	0,009	0,206	FALSE
-0,068	0,296	-0,003	0,009	0,133	FALSE
-0,151	0,275	-0,004	0,007	0,255	FALSE
0,114	0,304	0,002	0,006	0,135	FALSE
-0,005	0,291	-0,001	0,010	0,035	FALSE
-0,057	0,293	-0,001	0,006	0,088	FALSE
-0,006	0,298	-0,002	0,012	0,050	FALSE
-0,046	0,297	-0,001	0,007	0,058	FALSE
0,088	0,292	0,004	0,012	0,149	FALSE
-0,126	0,292	-0,004	0,008	0,189	FALSE
-0,097	0,284	-0,003	0,008	0,152	FALSE
-0,083	0,294	-0,002	0,008	0,114	FALSE
0,029	0,286	0,000	0,006	0,020	FALSE
0,090	0,290	0,003	0,008	0,171	FALSE
-0,235	0,279	-0,011	0,013	0,403	FALSE
0,036	0,302	-0,001	0,011	0,021	FALSE
-0,078	0,297	-0,003	0,011	0,107	FALSE
0,002	0,290	0,000	0,008	0,005	FALSE
0,027	0,291	0,000	0,007	0,017	FALSE
0,037	0,285	0,003	0,012	0,080	FALSE
0,069	0,283	0,001	0,007	0,065	FALSE
0,051	0,285	0,001	0,007	0,057	FALSE
-0,096	0,292	-0,003	0,008	0,156	FALSE
0,029	0,290	0,000	0,007	0,014	FALSE
0,004	0,292	-0,001	0,009	0,037	FALSE
0,110	0,288	0,007	0,013	0,236	FALSE
0,113	0,298	0,001	0,007	0,084	FALSE
0,109	0,283	0,004	0,011	0,161	FALSE
0,056	0,287	0,000	0,007	0,027	FALSE
0,050	0,288	0,002	0,009	0,090	FALSE
0,017	0,295	0,000	0,008	0,014	FALSE
-0,164	0,283	-0,005	0,011	0,203	FALSE
0,095	0,292	0,003	0,009	0,119	FALSE
0,062	0,293	0,004	0,013	0,123	FALSE
0,047	0,291	0,003	0,013	0,099	FALSE
0,083	0,302	0,002	0,010	0,067	FALSE
0,000	0,306	0,001	0,011	0,018	FALSE
0,065	0,282	0,003	0,012	0,092	FALSE
0,081	0,295	0,003	0,011	0,090	FALSE
0,031	0,294	0,002	0,012	0,062	FALSE
0,053	0,290	0,002	0,012	0,069	FALSE
-0,064	0,277	-0,001	0,007	0,080	FALSE
0,118	0,274	0,004	0,012	0,148	FALSE
0,153	0,267	0,006	0,012	0,208	FALSE

0,012	0,298	-0,001	0,008	0,057	FALSE
0,102	0,305	0,004	0,011	0,132	FALSE
0,064	0,292	0,000	0,008	0,017	FALSE
-0,121	0,279	-0,003	0,011	0,119	FALSE
0,076	0,287	0,002	0,012	0,060	FALSE
-0,009	0,294	0,000	0,008	0,012	FALSE
0,024	0,302	0,001	0,007	0,030	FALSE
0,021	0,299	0,001	0,012	0,030	FALSE
0,007	0,296	0,001	0,013	0,028	FALSE
0,012	0,290	0,000	0,008	0,002	FALSE
0,024	0,291	-0,001	0,009	0,041	FALSE
0,060	0,291	0,000	0,009	0,018	FALSE
0,097	0,289	0,004	0,008	0,176	FALSE
0,005	0,283	0,002	0,009	0,080	FALSE
0,004	0,275	0,002	0,008	0,089	FALSE
0,107	0,292	0,002	0,006	0,125	FALSE
-0,049	0,285	-0,001	0,007	0,056	FALSE
-0,085	0,298	-0,003	0,011	0,094	FALSE
0,022	0,285	0,001	0,007	0,035	FALSE
0,091	0,296	0,001	0,010	0,049	FALSE
-0,017	0,299	-0,003	0,013	0,085	FALSE
0,182	0,298	0,005	0,011	0,204	FALSE
0,233	0,274	0,008	0,010	0,373	FALSE
-0,003	0,294	0,000	0,009	0,009	FALSE
-0,132	0,272	-0,005	0,011	0,178	FALSE
0,125	0,289	0,005	0,010	0,211	FALSE
-0,153	0,265	-0,006	0,011	0,241	FALSE
-0,019	0,301	-0,002	0,007	0,079	FALSE
0,030	0,281	0,001	0,010	0,020	FALSE
0,112	0,294	0,001	0,010	0,053	FALSE
0,065	0,302	0,001	0,007	0,051	FALSE
0,076	0,290	0,002	0,006	0,154	FALSE
0,139	0,289	0,003	0,009	0,119	FALSE
0,144	0,287	0,003	0,009	0,124	FALSE
0,156	0,276	0,003	0,008	0,120	FALSE
0,067	0,278	0,004	0,011	0,136	FALSE
0,098	0,290	0,004	0,011	0,131	FALSE
-0,084	0,282	-0,002	0,006	0,117	FALSE
-0,032	0,291	-0,001	0,013	0,033	FALSE
-0,004	0,296	-0,001	0,010	0,032	FALSE
0,011	0,302	-0,001	0,008	0,023	FALSE
0,100	0,304	0,003	0,012	0,106	FALSE
-0,124	0,280	-0,005	0,012	0,155	FALSE
0,112	0,279	0,001	0,011	0,050	FALSE
0,120	0,276	0,005	0,012	0,161	TRUE
0,114	0,296	0,002	0,012	0,075	FALSE
0,055	0,301	0,004	0,011	0,152	FALSE
-0,117	0,291	-0,004	0,008	0,219	FALSE
0,093	0,296	0,003	0,008	0,158	FALSE
0,080	0,284	0,002	0,010	0,077	FALSE
-0,117	0,291	-0,002	0,007	0,095	FALSE
-0,013	0,289	0,000	0,011	0,008	FALSE
0,010	0,291	0,000	0,012	0,009	FALSE

0,144	0,286	0,004	0,009	0,159	FALSE
0,043	0,297	0,004	0,012	0,120	FALSE
0,082	0,285	0,003	0,009	0,128	FALSE
-0,103	0,276	-0,003	0,007	0,162	FALSE
-0,086	0,298	-0,003	0,008	0,139	FALSE
0,009	0,277	0,000	0,007	0,017	FALSE
-0,056	0,299	-0,001	0,006	0,056	FALSE
0,169	0,277	0,006	0,012	0,197	FALSE
0,200	0,282	0,006	0,012	0,225	FALSE
-0,090	0,291	-0,002	0,010	0,097	FALSE
0,126	0,283	0,004	0,006	0,272	FALSE
-0,070	0,287	-0,001	0,011	0,020	FALSE
-0,128	0,277	-0,002	0,008	0,102	FALSE
-0,106	0,279	-0,001	0,008	0,056	FALSE
-0,021	0,304	-0,001	0,013	0,039	FALSE
0,080	0,286	0,004	0,010	0,172	FALSE
-0,023	0,276	-0,002	0,008	0,105	FALSE
0,135	0,294	0,007	0,013	0,229	FALSE
-0,025	0,287	-0,001	0,010	0,030	FALSE
0,126	0,295	0,004	0,012	0,139	FALSE
0,067	0,294	0,001	0,013	0,016	FALSE
0,020	0,289	0,001	0,007	0,070	FALSE
0,055	0,296	0,002	0,008	0,089	FALSE
-0,023	0,291	0,001	0,012	0,030	FALSE
-0,082	0,302	-0,002	0,008	0,094	FALSE
-0,069	0,287	-0,004	0,011	0,156	FALSE
-0,075	0,287	-0,001	0,007	0,084	FALSE
0,056	0,294	0,001	0,007	0,079	FALSE
-0,156	0,294	-0,003	0,007	0,167	FALSE
0,245	0,287	0,009	0,012	0,352	FALSE
0,227	0,272	0,007	0,010	0,344	FALSE
0,127	0,291	0,002	0,006	0,147	FALSE
0,036	0,289	0,002	0,006	0,112	FALSE
-0,021	0,283	-0,001	0,010	0,029	FALSE
-0,040	0,291	-0,001	0,006	0,032	FALSE
0,009	0,294	0,000	0,007	0,019	FALSE
-0,065	0,286	-0,001	0,007	0,076	FALSE
-0,137	0,285	-0,005	0,012	0,196	FALSE
-0,126	0,291	-0,004	0,012	0,143	FALSE
-0,033	0,293	-0,002	0,014	0,059	FALSE
0,022	0,291	0,000	0,009	0,002	FALSE
0,035	0,287	0,001	0,007	0,050	FALSE
-0,047	0,283	-0,001	0,012	0,037	FALSE
-0,075	0,280	-0,001	0,007	0,071	FALSE
0,012	0,305	0,000	0,011	0,005	FALSE
0,055	0,304	0,001	0,010	0,054	FALSE
-0,045	0,287	-0,001	0,011	0,039	FALSE
-0,088	0,303	-0,002	0,007	0,089	FALSE
0,136	0,286	0,004	0,007	0,226	FALSE
0,041	0,277	0,003	0,011	0,091	FALSE
0,034	0,301	0,000	0,008	0,012	FALSE
0,074	0,292	0,002	0,009	0,074	FALSE
-0,022	0,283	-0,001	0,008	0,071	FALSE

0,143	0,288	0,004	0,009	0,199	FALSE
0,047	0,290	0,001	0,012	0,033	FALSE
0,095	0,281	0,001	0,009	0,037	FALSE
-0,076	0,296	-0,001	0,009	0,056	FALSE
-0,187	0,286	-0,007	0,011	0,296	FALSE
0,006	0,281	0,000	0,013	0,005	FALSE
-0,023	0,290	-0,001	0,007	0,038	FALSE
-0,167	0,282	-0,003	0,006	0,163	FALSE
-0,053	0,312	-0,002	0,013	0,046	FALSE
-0,161	0,293	-0,005	0,013	0,170	FALSE
-0,075	0,312	-0,003	0,010	0,106	FALSE
0,004	0,281	0,003	0,012	0,083	FALSE
0,007	0,291	0,000	0,011	0,015	FALSE
0,115	0,289	0,003	0,007	0,138	FALSE
0,074	0,296	0,001	0,010	0,047	FALSE
0,062	0,300	0,001	0,011	0,018	FALSE
-0,019	0,291	-0,003	0,012	0,087	FALSE
0,089	0,294	0,002	0,007	0,096	FALSE
-0,075	0,301	-0,002	0,009	0,088	FALSE
0,024	0,306	-0,001	0,013	0,027	FALSE
-0,052	0,297	-0,003	0,009	0,139	FALSE
0,125	0,287	0,003	0,009	0,119	FALSE
-0,031	0,294	-0,002	0,012	0,049	FALSE
-0,204	0,281	-0,006	0,010	0,274	FALSE
0,103	0,282	0,005	0,010	0,181	FALSE
-0,106	0,276	-0,003	0,007	0,166	FALSE
0,080	0,289	0,002	0,007	0,102	FALSE
-0,044	0,280	0,001	0,012	0,015	FALSE
-0,038	0,286	-0,001	0,007	0,053	FALSE
0,062	0,297	0,001	0,009	0,051	FALSE
0,148	0,289	0,004	0,008	0,211	FALSE
0,067	0,278	0,002	0,008	0,092	FALSE
0,106	0,298	0,003	0,009	0,110	FALSE
0,125	0,300	0,002	0,009	0,078	FALSE
0,033	0,288	0,003	0,012	0,077	FALSE
-0,155	0,291	-0,006	0,012	0,220	FALSE
-0,122	0,305	-0,003	0,007	0,174	FALSE
0,143	0,291	0,006	0,010	0,246	FALSE
-0,044	0,285	-0,002	0,013	0,059	FALSE
-0,079	0,282	-0,003	0,009	0,127	FALSE
0,054	0,275	0,000	0,009	0,000	FALSE
0,094	0,296	0,002	0,008	0,116	FALSE
-0,028	0,291	-0,001	0,007	0,040	FALSE
0,066	0,293	0,001	0,007	0,056	FALSE
0,097	0,294	0,003	0,007	0,175	FALSE
0,079	0,295	0,002	0,009	0,094	FALSE
-0,034	0,292	-0,001	0,011	0,033	FALSE
-0,188	0,283	-0,004	0,006	0,283	FALSE
-0,026	0,290	0,000	0,009	0,011	FALSE
0,082	0,299	0,001	0,007	0,072	FALSE
0,009	0,271	-0,001	0,011	0,033	FALSE
-0,096	0,298	-0,003	0,012	0,117	FALSE
-0,132	0,286	-0,005	0,012	0,179	FALSE

0,173	0,287	0,004	0,008	0,253	FALSE
-0,120	0,281	-0,004	0,011	0,149	FALSE
-0,109	0,296	-0,002	0,007	0,150	FALSE
0,091	0,290	0,003	0,013	0,092	FALSE
0,005	0,283	0,001	0,012	0,030	FALSE
0,004	0,289	0,001	0,010	0,018	FALSE
0,115	0,292	0,003	0,008	0,149	FALSE
0,003	0,280	0,001	0,007	0,048	FALSE
0,012	0,296	0,000	0,008	0,005	FALSE
-0,063	0,300	-0,002	0,013	0,068	FALSE
0,038	0,291	0,000	0,013	0,006	FALSE
-0,118	0,295	-0,005	0,012	0,160	FALSE
0,020	0,288	0,001	0,009	0,029	FALSE
-0,027	0,281	0,001	0,008	0,043	FALSE
0,109	0,292	0,003	0,008	0,169	FALSE
0,160	0,281	0,006	0,012	0,233	FALSE
0,170	0,293	0,007	0,012	0,263	FALSE
0,163	0,278	0,007	0,011	0,260	FALSE
0,033	0,291	0,001	0,007	0,047	FALSE
-0,079	0,284	-0,002	0,012	0,050	FALSE
0,075	0,288	0,002	0,009	0,076	FALSE
0,215	0,284	0,007	0,009	0,396	FALSE
0,048	0,303	0,001	0,007	0,065	FALSE
-0,132	0,292	-0,003	0,008	0,157	FALSE
-0,017	0,291	-0,003	0,012	0,087	FALSE
0,019	0,285	0,000	0,008	0,018	FALSE
-0,077	0,289	-0,001	0,012	0,028	FALSE
0,032	0,293	0,001	0,009	0,022	FALSE
-0,052	0,294	-0,003	0,009	0,122	FALSE
0,130	0,294	0,003	0,007	0,197	FALSE
0,112	0,290	0,001	0,009	0,027	FALSE
0,013	0,303	0,000	0,008	0,021	FALSE
0,026	0,292	0,001	0,007	0,048	FALSE
0,030	0,287	0,001	0,011	0,046	FALSE
0,052	0,294	0,000	0,006	0,026	FALSE
0,171	0,290	0,004	0,007	0,243	FALSE
0,097	0,287	0,002	0,009	0,093	FALSE
0,044	0,294	0,000	0,007	0,003	FALSE
-0,021	0,283	-0,002	0,013	0,052	FALSE
0,152	0,282	0,004	0,008	0,226	FALSE
-0,151	0,300	-0,006	0,013	0,192	FALSE
0,004	0,273	0,003	0,012	0,096	FALSE
-0,142	0,285	-0,007	0,012	0,241	FALSE
0,040	0,305	0,001	0,007	0,037	FALSE
0,101	0,280	0,002	0,009	0,070	FALSE
-0,077	0,287	-0,004	0,011	0,161	FALSE
-0,164	0,287	-0,003	0,006	0,184	FALSE
0,040	0,288	0,001	0,007	0,026	FALSE
-0,069	0,282	0,000	0,010	0,011	FALSE
-0,024	0,278	-0,001	0,007	0,047	FALSE
0,027	0,275	0,001	0,007	0,064	FALSE
-0,007	0,286	0,000	0,007	0,003	FALSE
0,100	0,293	0,003	0,012	0,107	FALSE

-0,133	0,265	-0,004	0,010	0,162	FALSE
-0,175	0,273	-0,003	0,006	0,233	FALSE
-0,014	0,289	-0,002	0,009	0,089	FALSE
0,096	0,282	0,001	0,008	0,047	FALSE
0,027	0,276	-0,002	0,012	0,068	FALSE
0,077	0,289	0,004	0,013	0,126	FALSE
0,011	0,293	0,001	0,011	0,020	FALSE
0,058	0,286	0,001	0,012	0,014	FALSE
0,035	0,279	-0,001	0,008	0,045	FALSE
-0,225	0,273	-0,005	0,007	0,301	FALSE
0,006	0,290	0,000	0,008	0,016	FALSE
-0,036	0,287	-0,001	0,008	0,027	FALSE
0,013	0,289	0,001	0,012	0,020	FALSE
0,112	0,290	0,003	0,008	0,165	FALSE
-0,006	0,304	0,000	0,010	0,008	FALSE
-0,079	0,284	-0,005	0,013	0,140	FALSE
0,014	0,292	0,001	0,007	0,030	FALSE
0,063	0,300	0,002	0,008	0,100	FALSE
-0,041	0,288	-0,001	0,011	0,034	FALSE
-0,002	0,315	-0,001	0,007	0,052	FALSE
-0,146	0,287	-0,007	0,013	0,222	FALSE
0,013	0,289	-0,001	0,006	0,036	FALSE
-0,145	0,280	-0,006	0,012	0,214	FALSE
0,063	0,277	0,002	0,010	0,090	FALSE
0,006	0,278	0,002	0,009	0,074	FALSE
-0,080	0,293	0,000	0,013	0,010	FALSE
-0,032	0,272	-0,004	0,010	0,144	FALSE
-0,022	0,278	-0,003	0,008	0,139	FALSE
-0,044	0,309	-0,002	0,008	0,111	FALSE
-0,020	0,271	0,002	0,012	0,054	FALSE
0,030	0,293	0,000	0,009	0,011	FALSE
0,079	0,287	0,003	0,012	0,084	FALSE
-0,051	0,304	-0,003	0,008	0,135	FALSE
-0,096	0,298	-0,004	0,011	0,159	FALSE
0,117	0,277	0,004	0,011	0,149	FALSE
0,099	0,270	0,003	0,012	0,107	FALSE
-0,125	0,285	-0,003	0,011	0,115	FALSE
-0,175	0,280	-0,005	0,012	0,154	FALSE
0,065	0,286	0,001	0,007	0,077	FALSE
0,028	0,291	0,001	0,008	0,038	FALSE
0,121	0,288	0,003	0,008	0,159	FALSE
0,170	0,278	0,007	0,012	0,252	FALSE
-0,078	0,286	-0,002	0,007	0,115	FALSE
0,096	0,294	0,006	0,013	0,212	FALSE
0,095	0,287	0,005	0,013	0,169	FALSE
-0,012	0,302	0,000	0,009	0,004	FALSE
-0,092	0,284	-0,002	0,009	0,085	FALSE
0,033	0,298	0,000	0,010	0,013	FALSE
0,132	0,300	0,003	0,007	0,177	FALSE
-0,003	0,301	-0,001	0,013	0,042	FALSE
-0,083	0,292	-0,002	0,007	0,109	FALSE
0,019	0,292	0,001	0,009	0,032	FALSE
0,007	0,294	0,000	0,009	0,011	FALSE

0,001	0,281	0,001	0,006	0,042	FALSE
-0,008	0,300	0,002	0,010	0,063	FALSE
0,025	0,284	0,002	0,009	0,111	FALSE
0,027	0,295	0,003	0,009	0,113	FALSE
0,045	0,295	0,003	0,009	0,147	FALSE
0,065	0,294	0,003	0,008	0,161	FALSE
0,110	0,298	0,002	0,007	0,129	FALSE
-0,027	0,287	-0,001	0,009	0,056	FALSE
-0,098	0,284	-0,002	0,012	0,075	FALSE
0,157	0,262	0,006	0,011	0,241	FALSE
-0,104	0,288	-0,003	0,013	0,091	FALSE
0,153	0,279	0,007	0,011	0,269	FALSE
0,099	0,289	0,005	0,011	0,197	FALSE
0,150	0,293	0,008	0,012	0,274	FALSE
0,058	0,287	0,005	0,012	0,167	FALSE
0,005	0,304	0,001	0,008	0,050	FALSE
0,032	0,291	0,002	0,012	0,055	FALSE
-0,241	0,270	-0,005	0,007	0,376	FALSE
-0,025	0,291	-0,002	0,012	0,068	FALSE
-0,018	0,285	0,001	0,008	0,044	FALSE
-0,097	0,295	-0,003	0,008	0,174	FALSE
0,004	0,297	0,000	0,009	0,010	FALSE
-0,012	0,295	0,001	0,006	0,030	FALSE
0,080	0,298	0,003	0,010	0,122	FALSE
-0,068	0,294	-0,002	0,007	0,092	FALSE
-0,023	0,270	0,000	0,006	0,010	FALSE
-0,006	0,296	-0,001	0,008	0,048	FALSE
-0,008	0,302	-0,001	0,008	0,028	FALSE
0,018	0,302	0,000	0,007	0,008	FALSE
-0,172	0,291	-0,006	0,010	0,240	FALSE
0,010	0,295	0,000	0,009	0,005	FALSE
0,076	0,284	0,001	0,008	0,035	FALSE
-0,032	0,291	-0,001	0,013	0,024	FALSE
-0,136	0,290	-0,006	0,011	0,229	FALSE
-0,051	0,305	-0,001	0,013	0,037	FALSE
-0,003	0,292	0,002	0,013	0,059	FALSE
-0,087	0,299	-0,001	0,007	0,065	FALSE
-0,126	0,279	-0,008	0,013	0,288	FALSE
0,034	0,293	0,000	0,007	0,021	FALSE
0,040	0,297	0,001	0,013	0,042	FALSE
0,002	0,286	-0,001	0,009	0,036	FALSE
0,013	0,299	0,001	0,007	0,039	FALSE
0,051	0,281	0,001	0,009	0,044	FALSE
-0,088	0,283	-0,001	0,007	0,075	FALSE
-0,053	0,291	-0,003	0,013	0,073	FALSE
-0,049	0,297	-0,001	0,009	0,033	FALSE
-0,166	0,294	-0,005	0,009	0,261	FALSE
-0,060	0,295	-0,001	0,011	0,044	FALSE
-0,142	0,283	-0,003	0,008	0,137	FALSE
0,072	0,298	0,003	0,011	0,100	FALSE
0,032	0,279	0,001	0,012	0,015	FALSE
-0,112	0,284	-0,002	0,007	0,135	FALSE
-0,064	0,296	-0,003	0,008	0,135	FALSE

-0,032	0,296	0,000	0,013	0,012	FALSE
0,046	0,275	0,002	0,008	0,090	FALSE
0,009	0,289	0,001	0,013	0,023	FALSE
0,018	0,289	0,001	0,011	0,023	FALSE
0,093	0,286	0,001	0,008	0,061	FALSE
-0,001	0,276	0,000	0,009	0,020	FALSE
-0,059	0,281	-0,003	0,012	0,101	FALSE
0,143	0,292	0,002	0,009	0,096	FALSE
0,043	0,293	0,001	0,008	0,047	FALSE
-0,065	0,290	0,000	0,007	0,022	FALSE
-0,049	0,291	-0,001	0,007	0,029	FALSE
-0,065	0,284	-0,001	0,010	0,043	FALSE
-0,091	0,291	-0,003	0,010	0,118	FALSE
0,017	0,290	0,001	0,010	0,049	FALSE
-0,003	0,304	0,000	0,007	0,018	FALSE
-0,042	0,300	-0,001	0,012	0,046	FALSE
-0,082	0,305	-0,002	0,009	0,076	FALSE
-0,051	0,280	0,000	0,011	0,005	FALSE
-0,155	0,291	-0,004	0,008	0,212	FALSE
0,100	0,289	0,004	0,013	0,112	FALSE
0,014	0,279	0,000	0,006	0,023	FALSE
0,021	0,279	0,001	0,012	0,029	FALSE
0,037	0,276	0,002	0,012	0,048	FALSE
0,032	0,277	0,001	0,012	0,031	FALSE
-0,064	0,285	-0,003	0,011	0,127	FALSE
0,160	0,272	0,003	0,006	0,175	FALSE
0,138	0,282	0,006	0,012	0,218	FALSE
-0,138	0,283	-0,004	0,007	0,232	FALSE
-0,076	0,295	-0,004	0,011	0,152	FALSE
0,070	0,294	0,002	0,011	0,050	FALSE
-0,028	0,304	0,000	0,012	0,004	FALSE
-0,018	0,288	0,001	0,008	0,025	FALSE
-0,115	0,290	-0,002	0,007	0,082	FALSE
0,064	0,295	0,004	0,012	0,130	FALSE
0,115	0,296	0,004	0,010	0,177	FALSE
0,088	0,283	0,003	0,009	0,124	FALSE
0,037	0,285	0,002	0,011	0,072	FALSE
-0,040	0,291	-0,001	0,008	0,065	FALSE
0,017	0,299	0,001	0,007	0,042	FALSE
-0,053	0,293	-0,001	0,009	0,039	FALSE
0,136	0,292	0,006	0,013	0,200	FALSE
-0,221	0,274	-0,004	0,007	0,255	FALSE
0,020	0,290	0,000	0,010	0,000	FALSE
-0,051	0,289	0,000	0,013	0,003	FALSE
-0,011	0,285	-0,001	0,006	0,052	FALSE
-0,138	0,291	-0,004	0,011	0,134	FALSE
0,153	0,293	0,003	0,007	0,158	FALSE
-0,016	0,308	-0,001	0,007	0,051	FALSE
-0,074	0,284	-0,003	0,013	0,082	FALSE
-0,077	0,291	-0,002	0,007	0,133	FALSE
-0,018	0,293	-0,002	0,008	0,082	FALSE
-0,004	0,294	0,002	0,013	0,072	FALSE
-0,078	0,290	-0,002	0,009	0,100	FALSE

-0,040	0,294	0,001	0,009	0,021	FALSE
0,005	0,281	0,001	0,009	0,048	FALSE
-0,027	0,295	0,000	0,008	0,004	FALSE
-0,107	0,287	-0,006	0,012	0,198	FALSE
-0,029	0,277	-0,002	0,008	0,070	FALSE
-0,067	0,290	-0,002	0,007	0,091	FALSE
-0,044	0,282	-0,001	0,006	0,078	FALSE
-0,033	0,292	-0,001	0,007	0,061	FALSE
-0,058	0,286	-0,001	0,012	0,034	FALSE
0,022	0,299	0,001	0,013	0,029	FALSE
-0,031	0,270	-0,002	0,012	0,052	FALSE
0,113	0,288	0,004	0,013	0,111	FALSE
0,082	0,281	0,002	0,009	0,079	FALSE
0,007	0,291	0,000	0,010	0,007	FALSE
0,027	0,284	0,001	0,006	0,053	FALSE
-0,051	0,286	-0,002	0,008	0,099	FALSE
-0,025	0,303	-0,002	0,011	0,082	FALSE
-0,021	0,292	0,000	0,009	0,008	FALSE
-0,007	0,290	0,001	0,011	0,027	FALSE
0,075	0,283	0,000	0,006	0,028	FALSE
0,011	0,284	0,001	0,008	0,030	FALSE
-0,092	0,284	-0,003	0,008	0,153	FALSE
-0,085	0,285	-0,001	0,008	0,029	FALSE
0,020	0,296	0,000	0,012	0,006	FALSE
0,122	0,294	0,004	0,009	0,160	FALSE
0,068	0,296	0,001	0,012	0,044	FALSE
-0,003	0,298	0,000	0,007	0,000	FALSE
0,091	0,282	0,003	0,013	0,094	FALSE
-0,045	0,283	-0,002	0,010	0,082	FALSE
0,001	0,300	-0,001	0,010	0,036	FALSE
-0,112	0,298	-0,006	0,013	0,173	FALSE
-0,094	0,287	-0,001	0,008	0,068	FALSE
0,049	0,283	0,001	0,008	0,071	FALSE
-0,111	0,289	-0,001	0,013	0,030	FALSE
0,075	0,281	0,002	0,010	0,063	FALSE
0,058	0,294	0,000	0,010	0,002	FALSE
-0,105	0,294	-0,005	0,013	0,156	FALSE
-0,122	0,288	-0,002	0,008	0,072	FALSE
0,030	0,302	0,001	0,013	0,024	FALSE
-0,252	0,279	-0,007	0,010	0,352	FALSE
0,073	0,281	0,005	0,012	0,161	FALSE
-0,116	0,292	-0,004	0,010	0,153	FALSE
-0,059	0,293	-0,002	0,012	0,052	FALSE
-0,066	0,274	-0,002	0,010	0,069	FALSE
0,090	0,282	0,005	0,012	0,157	FALSE
-0,105	0,282	-0,005	0,012	0,155	FALSE
0,041	0,291	0,000	0,006	0,005	FALSE
0,019	0,284	0,001	0,008	0,047	FALSE
0,171	0,284	0,006	0,012	0,195	FALSE
-0,007	0,276	0,000	0,011	0,004	FALSE
0,012	0,294	-0,001	0,008	0,036	FALSE
0,046	0,302	0,001	0,008	0,059	FALSE
0,020	0,289	0,001	0,009	0,021	FALSE

-0,108	0,291	-0,003	0,010	0,102	FALSE
0,026	0,299	0,000	0,008	0,009	FALSE
0,093	0,276	0,005	0,010	0,211	FALSE
-0,001	0,300	0,001	0,008	0,034	FALSE
-0,106	0,292	-0,004	0,010	0,186	FALSE
0,026	0,283	0,001	0,008	0,027	FALSE
0,008	0,301	0,001	0,007	0,035	FALSE
-0,010	0,294	-0,001	0,006	0,039	FALSE
0,071	0,299	0,003	0,012	0,097	FALSE
0,035	0,294	0,001	0,011	0,039	FALSE
0,064	0,294	0,002	0,011	0,067	FALSE
0,014	0,284	-0,001	0,007	0,036	FALSE
-0,167	0,288	-0,004	0,011	0,170	FALSE
-0,035	0,299	0,001	0,013	0,026	FALSE
-0,093	0,291	-0,001	0,009	0,036	FALSE
0,048	0,294	0,000	0,009	0,004	FALSE
0,102	0,278	0,003	0,006	0,184	FALSE
0,015	0,291	0,000	0,006	0,007	FALSE
0,110	0,305	0,004	0,010	0,139	FALSE
-0,136	0,273	-0,004	0,011	0,137	FALSE
-0,049	0,284	-0,003	0,009	0,148	FALSE
0,138	0,292	0,006	0,013	0,197	FALSE
-0,022	0,286	0,001	0,010	0,032	FALSE
-0,048	0,281	0,000	0,008	0,015	FALSE
-0,008	0,282	-0,001	0,010	0,029	FALSE
-0,014	0,282	-0,001	0,008	0,045	FALSE
0,050	0,300	0,002	0,010	0,060	FALSE
-0,062	0,302	-0,001	0,012	0,022	FALSE
-0,112	0,306	-0,003	0,011	0,094	FALSE
-0,053	0,272	0,000	0,011	0,015	FALSE
-0,149	0,296	-0,003	0,008	0,154	FALSE
-0,047	0,288	0,000	0,012	0,013	FALSE
0,005	0,286	0,000	0,008	0,014	FALSE
-0,053	0,289	-0,001	0,011	0,047	FALSE
-0,087	0,266	-0,001	0,010	0,026	FALSE
0,157	0,298	0,004	0,008	0,226	FALSE
-0,024	0,286	-0,002	0,006	0,102	FALSE
0,011	0,301	0,000	0,009	0,007	FALSE
-0,018	0,301	-0,001	0,010	0,028	FALSE
-0,105	0,285	-0,006	0,010	0,235	FALSE
-0,014	0,295	0,000	0,008	0,014	FALSE
0,008	0,293	-0,002	0,011	0,052	FALSE
0,081	0,293	0,002	0,010	0,077	FALSE
0,001	0,296	0,000	0,013	0,013	FALSE
0,093	0,276	0,003	0,009	0,122	FALSE
-0,074	0,292	-0,002	0,008	0,084	FALSE
-0,072	0,292	-0,002	0,008	0,070	FALSE
-0,069	0,291	-0,002	0,008	0,077	FALSE
0,103	0,289	0,003	0,009	0,140	FALSE
0,016	0,280	-0,001	0,010	0,025	FALSE
0,028	0,282	0,000	0,010	0,005	FALSE
0,051	0,297	0,003	0,012	0,099	FALSE
-0,043	0,303	-0,002	0,010	0,058	FALSE

0,114	0,297	0,003	0,012	0,082	FALSE
0,058	0,291	0,000	0,011	0,010	FALSE
-0,052	0,287	0,000	0,009	0,003	FALSE
-0,009	0,291	-0,001	0,007	0,037	FALSE
0,076	0,279	0,002	0,008	0,101	FALSE
-0,104	0,292	-0,004	0,008	0,222	FALSE
-0,027	0,298	-0,001	0,009	0,041	FALSE
0,008	0,312	0,000	0,008	0,020	FALSE
-0,049	0,284	0,000	0,012	0,001	FALSE
0,016	0,294	0,001	0,008	0,041	FALSE
-0,105	0,290	-0,003	0,009	0,117	FALSE
0,119	0,287	0,002	0,009	0,107	FALSE
0,077	0,301	0,002	0,010	0,074	FALSE
0,044	0,296	0,001	0,008	0,023	FALSE
-0,044	0,290	-0,002	0,013	0,060	FALSE
-0,164	0,277	-0,004	0,007	0,240	FALSE
-0,086	0,303	-0,003	0,007	0,149	FALSE
-0,190	0,288	-0,004	0,008	0,203	FALSE
0,000	0,285	0,003	0,012	0,077	FALSE
0,058	0,284	-0,001	0,007	0,038	FALSE
0,150	0,289	0,004	0,007	0,266	FALSE
-0,002	0,280	0,000	0,011	0,015	FALSE
-0,040	0,290	-0,002	0,011	0,061	FALSE
0,102	0,300	0,002	0,008	0,090	FALSE
-0,077	0,288	-0,004	0,008	0,191	FALSE
-0,089	0,286	-0,004	0,011	0,136	FALSE
-0,023	0,293	-0,001	0,007	0,046	FALSE
-0,109	0,293	-0,005	0,012	0,147	FALSE
0,092	0,264	0,004	0,012	0,133	FALSE
0,079	0,287	0,004	0,009	0,168	FALSE
0,140	0,280	0,008	0,013	0,270	FALSE
-0,087	0,281	-0,001	0,007	0,069	FALSE
0,040	0,296	0,002	0,007	0,094	FALSE
0,127	0,289	0,006	0,010	0,243	FALSE
0,038	0,281	0,002	0,013	0,066	FALSE
-0,003	0,296	-0,001	0,014	0,037	FALSE
0,072	0,284	0,002	0,009	0,096	FALSE
0,056	0,297	0,001	0,008	0,049	FALSE
-0,057	0,294	-0,003	0,010	0,111	FALSE
-0,074	0,295	-0,004	0,010	0,161	FALSE
-0,014	0,296	-0,002	0,012	0,055	FALSE
-0,056	0,283	-0,001	0,006	0,034	FALSE
-0,002	0,282	0,000	0,006	0,006	FALSE
0,037	0,305	0,001	0,012	0,044	FALSE
-0,020	0,292	-0,001	0,007	0,054	FALSE
0,033	0,286	0,002	0,007	0,098	FALSE
-0,032	0,305	-0,003	0,011	0,127	FALSE
0,118	0,287	0,004	0,010	0,159	FALSE
-0,006	0,299	0,000	0,010	0,009	FALSE
-0,027	0,287	-0,001	0,011	0,027	FALSE
-0,057	0,285	-0,002	0,010	0,092	FALSE
-0,047	0,301	-0,001	0,012	0,042	FALSE
-0,068	0,292	-0,003	0,010	0,112	FALSE

0,156	0,280	0,006	0,011	0,222	FALSE
0,026	0,295	-0,001	0,006	0,032	FALSE
-0,071	0,293	-0,002	0,010	0,070	FALSE
-0,011	0,289	0,000	0,006	0,022	FALSE
0,093	0,280	0,001	0,007	0,078	FALSE
0,106	0,291	0,002	0,007	0,137	FALSE
-0,054	0,292	0,000	0,007	0,021	FALSE
0,063	0,301	0,003	0,013	0,076	FALSE
0,025	0,311	0,001	0,013	0,014	FALSE
0,065	0,302	0,001	0,007	0,067	FALSE
0,093	0,283	0,004	0,010	0,168	FALSE
0,081	0,297	0,002	0,007	0,118	FALSE
0,109	0,276	0,003	0,006	0,162	FALSE
-0,047	0,301	-0,003	0,011	0,099	FALSE
-0,095	0,281	-0,002	0,007	0,134	FALSE
0,132	0,270	0,007	0,012	0,259	FALSE
0,126	0,290	0,007	0,013	0,232	FALSE
-0,029	0,297	0,000	0,010	0,015	FALSE
0,154	0,276	0,005	0,011	0,195	FALSE
-0,024	0,288	-0,001	0,007	0,030	FALSE
0,068	0,305	0,002	0,008	0,122	FALSE
0,046	0,295	0,001	0,013	0,037	FALSE
-0,040	0,287	-0,001	0,013	0,041	FALSE
-0,068	0,290	-0,003	0,010	0,140	FALSE
0,225	0,297	0,006	0,009	0,286	FALSE
-0,040	0,302	-0,001	0,009	0,052	FALSE
-0,064	0,292	-0,003	0,012	0,088	FALSE
0,057	0,313	0,001	0,012	0,045	FALSE
0,036	0,300	0,001	0,011	0,025	FALSE
-0,049	0,298	-0,001	0,012	0,038	FALSE
0,033	0,287	0,001	0,006	0,046	FALSE
-0,009	0,313	-0,001	0,013	0,026	FALSE
-0,001	0,299	-0,001	0,013	0,019	FALSE
0,049	0,286	0,002	0,012	0,045	FALSE
0,105	0,302	0,002	0,007	0,088	FALSE
-0,098	0,300	-0,005	0,012	0,175	FALSE
-0,141	0,280	-0,008	0,012	0,286	FALSE
0,072	0,284	0,003	0,012	0,083	FALSE
-0,144	0,279	-0,007	0,011	0,269	FALSE
-0,063	0,287	-0,004	0,013	0,137	FALSE
-0,007	0,295	0,001	0,008	0,028	FALSE
0,006	0,297	0,000	0,007	0,020	FALSE
0,062	0,277	0,001	0,010	0,047	FALSE
-0,084	0,292	-0,002	0,006	0,097	FALSE
0,042	0,274	0,000	0,012	0,002	FALSE
0,024	0,288	0,001	0,007	0,062	FALSE
-0,074	0,289	-0,001	0,010	0,041	FALSE
0,070	0,292	0,000	0,007	0,024	FALSE
0,032	0,275	0,003	0,009	0,149	FALSE
0,067	0,286	0,001	0,009	0,053	FALSE
0,045	0,296	0,000	0,009	0,003	FALSE
-0,038	0,288	-0,001	0,011	0,032	FALSE
-0,292	0,280	-0,007	0,008	0,435	FALSE

-0,006	0,296	0,000	0,007	0,017	FALSE
-0,245	0,274	-0,006	0,008	0,340	FALSE
-0,101	0,294	-0,005	0,012	0,173	FALSE
0,048	0,310	0,000	0,012	0,009	FALSE
0,088	0,292	0,002	0,011	0,055	FALSE
-0,099	0,283	-0,005	0,012	0,157	FALSE
0,139	0,284	0,002	0,007	0,106	FALSE
0,245	0,283	0,008	0,010	0,397	FALSE
0,088	0,294	0,003	0,012	0,092	FALSE
0,122	0,278	0,003	0,008	0,164	FALSE
0,184	0,295	0,005	0,010	0,218	FALSE
-0,111	0,289	-0,003	0,008	0,127	FALSE
-0,116	0,291	-0,005	0,013	0,170	FALSE
-0,024	0,293	-0,002	0,012	0,056	FALSE
0,075	0,300	0,003	0,010	0,109	FALSE
-0,076	0,289	-0,004	0,013	0,110	FALSE
-0,017	0,292	-0,002	0,013	0,052	FALSE
-0,071	0,296	-0,004	0,013	0,105	FALSE
-0,001	0,304	-0,002	0,011	0,052	FALSE
0,055	0,288	0,001	0,009	0,045	FALSE
-0,078	0,277	-0,002	0,007	0,116	FALSE
0,117	0,277	0,002	0,007	0,115	FALSE
0,017	0,284	0,001	0,010	0,046	FALSE
0,006	0,297	0,001	0,010	0,035	FALSE
0,038	0,278	0,000	0,009	0,009	FALSE
0,040	0,286	0,001	0,008	0,053	FALSE
0,056	0,291	0,002	0,008	0,090	FALSE
0,003	0,286	-0,001	0,011	0,040	FALSE
-0,041	0,295	0,000	0,007	0,002	FALSE
-0,133	0,296	-0,004	0,008	0,189	FALSE
-0,135	0,284	-0,006	0,011	0,229	FALSE
-0,114	0,288	-0,003	0,008	0,132	FALSE
-0,015	0,278	0,000	0,012	0,006	FALSE
0,078	0,283	0,003	0,011	0,099	FALSE
-0,096	0,296	-0,003	0,009	0,143	FALSE
0,121	0,281	0,005	0,013	0,162	FALSE
0,096	0,279	0,004	0,013	0,135	FALSE
0,015	0,303	0,001	0,007	0,039	FALSE
-0,024	0,288	-0,001	0,007	0,049	FALSE
0,043	0,279	0,001	0,007	0,084	FALSE
0,165	0,289	0,005	0,013	0,171	FALSE
-0,128	0,286	-0,004	0,012	0,127	FALSE
-0,038	0,283	0,000	0,008	0,019	FALSE
-0,129	0,263	-0,004	0,009	0,194	FALSE
-0,107	0,282	-0,003	0,009	0,134	FALSE
0,128	0,299	0,005	0,013	0,153	FALSE
-0,128	0,297	-0,006	0,013	0,176	FALSE
-0,183	0,286	-0,008	0,013	0,274	FALSE
-0,053	0,287	-0,005	0,013	0,147	FALSE
-0,132	0,295	-0,003	0,008	0,155	FALSE
0,014	0,289	0,001	0,008	0,049	FALSE
-0,167	0,287	-0,003	0,006	0,212	FALSE
-0,039	0,280	-0,001	0,008	0,033	FALSE

0,038	0,274	-0,001	0,012	0,035	FALSE
0,075	0,297	0,003	0,008	0,149	FALSE
-0,063	0,285	-0,001	0,010	0,038	FALSE
0,015	0,288	0,000	0,008	0,003	FALSE
-0,020	0,290	0,000	0,007	0,007	FALSE
-0,022	0,279	-0,002	0,009	0,065	FALSE
-0,032	0,288	-0,002	0,009	0,073	FALSE
0,043	0,264	0,004	0,012	0,145	FALSE
0,039	0,285	-0,001	0,013	0,040	FALSE
0,054	0,279	-0,001	0,012	0,026	FALSE
-0,230	0,279	-0,008	0,011	0,306	FALSE
-0,203	0,274	-0,007	0,011	0,269	FALSE
0,090	0,285	0,006	0,012	0,201	FALSE
-0,125	0,279	-0,001	0,008	0,065	FALSE
0,022	0,293	0,001	0,007	0,055	FALSE
0,005	0,282	0,000	0,009	0,012	FALSE
0,019	0,283	0,002	0,010	0,092	FALSE
-0,158	0,280	-0,005	0,006	0,323	FALSE
0,015	0,303	0,001	0,008	0,061	FALSE
-0,024	0,290	-0,002	0,011	0,085	FALSE
0,071	0,283	0,003	0,009	0,124	FALSE
0,147	0,280	0,004	0,009	0,157	FALSE
0,139	0,288	0,004	0,008	0,181	FALSE
0,024	0,294	0,000	0,009	0,006	FALSE
-0,132	0,283	-0,003	0,007	0,146	FALSE
-0,090	0,289	-0,002	0,007	0,098	FALSE
-0,064	0,292	-0,001	0,008	0,043	FALSE
-0,045	0,273	-0,001	0,009	0,044	FALSE
0,061	0,287	0,003	0,010	0,106	FALSE
0,011	0,286	0,001	0,011	0,048	FALSE
-0,045	0,295	-0,001	0,007	0,048	FALSE
0,026	0,284	0,001	0,008	0,069	FALSE
0,161	0,278	0,006	0,010	0,242	FALSE
-0,021	0,274	0,000	0,008	0,008	FALSE
-0,119	0,283	-0,002	0,007	0,126	FALSE
-0,020	0,288	0,000	0,008	0,018	FALSE
0,000	0,287	0,001	0,011	0,033	FALSE
0,004	0,289	0,000	0,010	0,016	FALSE
0,003	0,286	0,001	0,011	0,044	FALSE
0,101	0,295	0,004	0,013	0,112	FALSE
-0,066	0,295	-0,002	0,007	0,138	FALSE
0,070	0,288	0,003	0,012	0,077	FALSE
-0,162	0,271	-0,007	0,012	0,234	FALSE
0,046	0,296	0,001	0,007	0,048	FALSE
-0,015	0,299	-0,002	0,013	0,070	FALSE
-0,093	0,294	-0,002	0,008	0,114	FALSE
-0,033	0,303	-0,001	0,008	0,048	FALSE
-0,043	0,283	-0,002	0,007	0,130	FALSE
0,057	0,297	0,002	0,010	0,055	FALSE
0,000	0,298	-0,001	0,012	0,015	FALSE
0,051	0,291	0,002	0,007	0,097	FALSE
-0,084	0,293	-0,004	0,012	0,139	FALSE
-0,056	0,294	0,000	0,008	0,021	FALSE

-0,009	0,296	0,000	0,008	0,005	FALSE
-0,045	0,300	-0,001	0,009	0,054	FALSE
0,155	0,280	0,004	0,009	0,202	FALSE
0,050	0,283	0,000	0,010	0,011	FALSE
-0,200	0,275	-0,005	0,007	0,308	FALSE
0,137	0,293	0,004	0,012	0,145	FALSE
0,095	0,271	0,003	0,006	0,194	FALSE
-0,025	0,272	-0,001	0,012	0,043	FALSE
-0,016	0,303	-0,003	0,012	0,088	FALSE
0,008	0,293	0,000	0,012	0,006	FALSE
-0,105	0,280	-0,002	0,006	0,108	FALSE
-0,059	0,299	-0,002	0,007	0,117	FALSE
0,021	0,300	-0,001	0,012	0,028	FALSE
0,048	0,300	0,001	0,013	0,019	FALSE
0,090	0,281	0,005	0,008	0,273	FALSE
0,031	0,295	0,001	0,007	0,028	FALSE
0,037	0,270	0,002	0,009	0,082	FALSE
0,086	0,305	0,001	0,007	0,078	FALSE
0,065	0,279	0,002	0,009	0,078	FALSE
-0,068	0,287	-0,001	0,008	0,048	FALSE
0,083	0,292	0,002	0,010	0,093	FALSE
0,125	0,293	0,004	0,008	0,218	FALSE
-0,010	0,288	0,000	0,009	0,011	FALSE
0,049	0,293	0,001	0,006	0,066	FALSE
-0,034	0,295	0,000	0,008	0,017	FALSE
-0,085	0,306	-0,002	0,011	0,051	FALSE
-0,061	0,287	0,000	0,006	0,023	FALSE
0,023	0,292	0,001	0,010	0,042	FALSE
0,162	0,269	0,008	0,013	0,269	FALSE
-0,078	0,299	-0,003	0,009	0,121	FALSE
-0,137	0,279	-0,003	0,008	0,144	FALSE
-0,132	0,285	-0,003	0,009	0,141	FALSE
0,094	0,297	0,003	0,013	0,105	FALSE
0,053	0,299	0,001	0,011	0,047	FALSE
-0,124	0,273	-0,002	0,008	0,111	FALSE
-0,051	0,282	-0,001	0,007	0,075	FALSE
0,116	0,281	0,003	0,010	0,120	FALSE
0,044	0,296	0,001	0,007	0,030	FALSE
0,035	0,292	0,001	0,007	0,069	FALSE
-0,035	0,295	-0,001	0,007	0,073	FALSE
-0,073	0,278	0,000	0,009	0,015	FALSE
-0,012	0,296	0,001	0,012	0,023	FALSE
0,009	0,280	0,001	0,012	0,043	FALSE
-0,091	0,285	-0,004	0,012	0,121	FALSE
0,039	0,297	0,002	0,007	0,086	FALSE
0,003	0,294	-0,001	0,009	0,027	FALSE
0,069	0,304	0,004	0,013	0,131	FALSE
-0,015	0,284	0,000	0,008	0,006	FALSE
-0,063	0,288	-0,001	0,006	0,067	FALSE
0,017	0,286	0,001	0,013	0,025	FALSE
0,056	0,278	0,003	0,013	0,080	FALSE
0,073	0,288	0,004	0,009	0,159	FALSE
-0,052	0,293	-0,003	0,013	0,102	FALSE

-0,010	0,299	0,000	0,011	0,001	FALSE
0,051	0,288	0,003	0,012	0,079	FALSE
-0,153	0,294	-0,003	0,007	0,135	FALSE
0,087	0,285	0,004	0,009	0,204	FALSE
0,202	0,275	0,005	0,006	0,359	FALSE
-0,063	0,296	-0,003	0,013	0,099	FALSE
-0,123	0,286	-0,002	0,007	0,092	FALSE
-0,044	0,296	-0,001	0,007	0,027	FALSE
0,054	0,286	0,001	0,013	0,026	FALSE
-0,013	0,288	-0,001	0,009	0,056	FALSE
0,210	0,290	0,008	0,012	0,299	FALSE
-0,141	0,298	-0,004	0,010	0,167	FALSE
0,026	0,273	0,003	0,011	0,116	FALSE
0,056	0,305	0,001	0,010	0,046	FALSE
0,033	0,305	0,000	0,010	0,000	FALSE
0,058	0,291	0,001	0,008	0,068	FALSE
0,000	0,305	-0,001	0,010	0,045	FALSE
0,137	0,275	0,002	0,006	0,117	FALSE
0,013	0,298	0,002	0,013	0,058	FALSE
-0,128	0,293	-0,004	0,009	0,188	FALSE
-0,044	0,286	-0,003	0,012	0,095	FALSE
0,005	0,292	0,001	0,008	0,043	FALSE
-0,025	0,291	0,000	0,008	0,008	FALSE
0,049	0,294	0,001	0,007	0,036	FALSE
-0,126	0,280	-0,004	0,010	0,168	FALSE
-0,002	0,300	-0,001	0,013	0,039	FALSE
0,028	0,295	0,001	0,008	0,032	FALSE
-0,023	0,294	-0,001	0,007	0,062	FALSE
0,066	0,285	0,004	0,012	0,119	FALSE
-0,150	0,285	-0,003	0,007	0,156	FALSE
-0,002	0,283	0,002	0,011	0,068	FALSE
0,020	0,292	0,001	0,012	0,043	FALSE
-0,004	0,295	0,001	0,012	0,028	FALSE
0,001	0,284	0,002	0,011	0,061	FALSE
0,091	0,280	0,003	0,010	0,103	FALSE
0,038	0,300	0,000	0,010	0,012	FALSE
-0,008	0,299	0,000	0,009	0,013	FALSE
-0,127	0,275	-0,004	0,008	0,236	FALSE
-0,046	0,283	-0,001	0,006	0,082	FALSE
-0,087	0,284	-0,003	0,010	0,107	FALSE
0,067	0,300	0,003	0,010	0,103	FALSE
-0,008	0,290	-0,001	0,007	0,039	FALSE
-0,062	0,295	-0,004	0,012	0,136	FALSE
-0,022	0,303	-0,001	0,014	0,026	FALSE
-0,148	0,287	-0,003	0,008	0,178	FALSE
-0,054	0,290	-0,002	0,006	0,107	FALSE
-0,009	0,288	-0,001	0,012	0,019	FALSE
0,041	0,285	-0,001	0,009	0,028	FALSE
-0,077	0,288	-0,004	0,011	0,124	FALSE
0,014	0,288	0,000	0,013	0,010	FALSE
0,005	0,285	0,002	0,013	0,043	FALSE
-0,081	0,287	-0,002	0,007	0,103	FALSE
-0,039	0,280	-0,003	0,011	0,090	FALSE

0,012	0,299	0,001	0,007	0,052	FALSE
-0,021	0,293	-0,001	0,007	0,071	FALSE
0,027	0,298	0,000	0,010	0,008	FALSE
-0,055	0,293	-0,004	0,009	0,168	FALSE
0,189	0,289	0,006	0,008	0,366	FALSE
-0,009	0,296	-0,001	0,010	0,027	FALSE
0,005	0,300	0,001	0,010	0,037	FALSE
-0,054	0,293	-0,001	0,007	0,071	FALSE
-0,134	0,281	-0,003	0,007	0,141	FALSE
-0,032	0,310	-0,001	0,009	0,044	FALSE
-0,017	0,303	-0,001	0,012	0,037	FALSE
0,026	0,300	0,001	0,008	0,026	FALSE
0,023	0,298	0,000	0,007	0,003	FALSE
-0,052	0,280	-0,002	0,008	0,084	FALSE
-0,145	0,277	-0,003	0,008	0,148	FALSE
-0,071	0,301	-0,003	0,011	0,093	FALSE
-0,031	0,292	0,001	0,007	0,025	FALSE
0,013	0,295	0,002	0,013	0,053	FALSE
0,046	0,292	0,001	0,012	0,026	FALSE
-0,008	0,295	-0,001	0,007	0,044	FALSE
0,057	0,293	0,002	0,010	0,079	FALSE
-0,099	0,282	-0,004	0,013	0,134	FALSE
-0,158	0,290	-0,007	0,013	0,222	FALSE
0,117	0,281	0,004	0,010	0,188	FALSE
-0,071	0,299	-0,003	0,011	0,107	FALSE
0,050	0,291	0,001	0,011	0,042	FALSE
-0,012	0,292	0,001	0,011	0,019	FALSE
0,042	0,291	0,001	0,012	0,037	FALSE
0,068	0,280	0,002	0,010	0,061	FALSE
0,050	0,291	0,001	0,009	0,038	FALSE
0,085	0,295	0,004	0,013	0,123	FALSE
-0,086	0,298	-0,005	0,012	0,186	FALSE
0,000	0,288	0,001	0,007	0,035	FALSE
0,014	0,290	0,001	0,007	0,045	FALSE
0,014	0,294	-0,001	0,012	0,021	FALSE
-0,094	0,278	-0,002	0,008	0,111	FALSE
0,050	0,291	0,001	0,008	0,059	FALSE
0,047	0,290	0,001	0,009	0,040	FALSE
-0,083	0,299	-0,001	0,009	0,064	FALSE
-0,058	0,289	-0,001	0,007	0,059	FALSE
-0,107	0,290	-0,003	0,007	0,156	FALSE
-0,096	0,296	-0,002	0,007	0,141	FALSE
0,004	0,310	-0,001	0,008	0,023	FALSE
0,138	0,284	0,004	0,011	0,158	FALSE
-0,081	0,284	-0,003	0,008	0,124	FALSE
-0,076	0,282	-0,003	0,008	0,127	FALSE
-0,069	0,297	-0,001	0,008	0,041	FALSE
0,066	0,275	0,003	0,007	0,171	FALSE
0,026	0,295	0,000	0,008	0,023	FALSE
0,013	0,277	0,000	0,007	0,014	FALSE
0,131	0,282	0,005	0,012	0,174	FALSE
0,001	0,297	0,000	0,007	0,024	FALSE
-0,077	0,279	-0,003	0,012	0,113	FALSE

-0,071	0,279	-0,002	0,008	0,126	FALSE
-0,022	0,281	0,001	0,008	0,047	FALSE
-0,112	0,301	-0,003	0,007	0,157	FALSE
-0,099	0,277	-0,004	0,012	0,124	FALSE
-0,031	0,280	0,000	0,009	0,016	FALSE
-0,012	0,293	0,000	0,011	0,004	FALSE
0,155	0,284	0,005	0,009	0,263	FALSE
-0,064	0,282	-0,002	0,010	0,059	FALSE
0,149	0,273	0,002	0,008	0,114	FALSE
-0,076	0,287	-0,001	0,009	0,035	FALSE
0,043	0,297	-0,001	0,008	0,040	FALSE
-0,093	0,291	-0,004	0,012	0,139	FALSE
0,004	0,298	0,000	0,006	0,013	FALSE
-0,152	0,278	-0,004	0,009	0,171	FALSE
-0,023	0,294	-0,002	0,010	0,067	FALSE
0,037	0,294	0,001	0,008	0,032	FALSE
-0,013	0,292	0,000	0,007	0,014	FALSE
-0,002	0,311	0,000	0,014	0,002	FALSE
0,094	0,296	0,002	0,008	0,115	FALSE
-0,054	0,278	-0,001	0,006	0,044	FALSE
0,037	0,295	0,002	0,007	0,085	FALSE
0,047	0,274	0,002	0,007	0,102	FALSE
0,008	0,303	-0,001	0,013	0,032	FALSE
-0,024	0,289	-0,002	0,010	0,080	FALSE
-0,028	0,295	0,000	0,010	0,011	FALSE
0,072	0,293	0,001	0,007	0,065	FALSE
-0,078	0,290	-0,003	0,009	0,116	FALSE
0,027	0,298	-0,001	0,010	0,028	FALSE
-0,128	0,269	-0,002	0,008	0,089	FALSE
0,019	0,296	0,000	0,012	0,012	FALSE
0,148	0,273	0,003	0,008	0,172	FALSE
0,131	0,273	0,002	0,007	0,105	FALSE
0,018	0,293	0,000	0,013	0,006	FALSE
-0,023	0,285	-0,001	0,007	0,058	FALSE
0,078	0,303	0,002	0,007	0,083	FALSE
-0,122	0,286	-0,005	0,011	0,164	FALSE
0,034	0,288	0,003	0,009	0,113	FALSE
-0,063	0,293	-0,002	0,007	0,130	FALSE
0,063	0,297	0,002	0,008	0,094	FALSE
0,095	0,300	0,003	0,008	0,147	FALSE
0,051	0,297	0,001	0,008	0,034	FALSE
-0,107	0,286	-0,004	0,013	0,138	FALSE
-0,096	0,282	-0,005	0,013	0,143	FALSE
0,040	0,288	0,000	0,009	0,006	FALSE
-0,155	0,298	-0,004	0,012	0,139	FALSE
0,045	0,290	0,002	0,010	0,063	FALSE
-0,181	0,283	-0,005	0,009	0,265	FALSE
0,072	0,294	0,001	0,007	0,032	FALSE
-0,029	0,301	-0,001	0,008	0,067	FALSE
0,045	0,295	0,001	0,006	0,079	FALSE
0,167	0,285	0,009	0,013	0,311	FALSE
-0,095	0,295	-0,003	0,010	0,118	FALSE
-0,070	0,293	-0,003	0,009	0,105	FALSE

0,048	0,293	0,001	0,012	0,022	FALSE
0,058	0,289	0,005	0,013	0,150	FALSE
-0,032	0,290	-0,001	0,009	0,029	FALSE
-0,118	0,270	-0,003	0,012	0,098	FALSE
-0,152	0,290	-0,003	0,010	0,142	FALSE
-0,074	0,285	-0,001	0,010	0,050	FALSE
0,001	0,289	0,000	0,012	0,005	FALSE
0,136	0,292	0,006	0,011	0,216	FALSE
-0,078	0,301	-0,002	0,009	0,080	FALSE
-0,088	0,290	-0,005	0,013	0,149	FALSE
0,018	0,286	0,001	0,011	0,049	FALSE
-0,173	0,288	-0,004	0,007	0,257	FALSE
0,006	0,291	0,002	0,013	0,062	FALSE
-0,136	0,290	-0,004	0,010	0,161	FALSE
-0,116	0,295	-0,003	0,010	0,116	FALSE
0,105	0,282	0,004	0,012	0,113	FALSE
0,065	0,296	0,002	0,008	0,074	FALSE
0,049	0,291	0,002	0,011	0,064	FALSE
0,085	0,283	0,003	0,009	0,144	FALSE
-0,048	0,288	-0,001	0,013	0,023	FALSE
-0,051	0,290	0,000	0,013	0,012	FALSE
-0,047	0,288	-0,001	0,009	0,021	FALSE
-0,072	0,285	-0,004	0,007	0,213	FALSE
0,038	0,296	0,000	0,007	0,014	FALSE
0,079	0,292	0,003	0,012	0,090	FALSE
-0,066	0,287	-0,005	0,013	0,143	FALSE
-0,066	0,295	-0,002	0,008	0,074	FALSE
0,010	0,292	0,001	0,008	0,055	FALSE
0,027	0,286	0,000	0,011	0,015	FALSE
0,109	0,281	0,002	0,009	0,100	FALSE
-0,075	0,289	-0,002	0,012	0,051	FALSE
-0,010	0,301	0,000	0,007	0,012	FALSE
0,046	0,288	0,001	0,011	0,036	FALSE
0,020	0,299	0,000	0,008	0,009	FALSE
0,006	0,294	0,001	0,009	0,024	FALSE
0,022	0,298	0,000	0,008	0,002	FALSE
-0,026	0,292	-0,001	0,007	0,052	FALSE
-0,070	0,289	-0,002	0,009	0,097	FALSE
-0,046	0,302	-0,004	0,012	0,123	FALSE
0,069	0,278	0,002	0,008	0,102	FALSE
-0,064	0,294	-0,003	0,013	0,098	FALSE
0,102	0,305	0,004	0,013	0,132	FALSE
0,054	0,296	0,002	0,013	0,057	FALSE
0,074	0,291	0,003	0,013	0,074	FALSE
0,102	0,277	0,001	0,008	0,066	FALSE
0,131	0,283	0,002	0,007	0,139	FALSE
-0,061	0,289	-0,001	0,006	0,057	FALSE
-0,089	0,285	-0,002	0,007	0,104	FALSE
0,058	0,297	0,003	0,012	0,080	FALSE
-0,029	0,268	0,000	0,006	0,023	FALSE
-0,012	0,289	0,001	0,007	0,042	FALSE
0,017	0,279	0,002	0,007	0,109	FALSE
0,104	0,292	0,003	0,011	0,115	FALSE

-0,026	0,287	0,000	0,006	0,002	FALSE
0,030	0,288	0,001	0,013	0,023	FALSE
0,038	0,289	0,001	0,013	0,043	FALSE
0,023	0,279	-0,001	0,007	0,049	FALSE
-0,010	0,295	0,001	0,013	0,028	FALSE
-0,025	0,288	0,000	0,007	0,024	FALSE
-0,075	0,287	-0,003	0,012	0,101	FALSE
-0,006	0,301	-0,001	0,012	0,015	FALSE
0,072	0,292	0,003	0,012	0,090	FALSE
-0,166	0,288	-0,003	0,007	0,168	FALSE
-0,120	0,293	-0,005	0,013	0,177	FALSE
-0,070	0,294	-0,001	0,009	0,060	FALSE
-0,018	0,299	0,000	0,012	0,006	FALSE
0,031	0,284	-0,001	0,010	0,024	FALSE
0,029	0,303	0,000	0,007	0,006	FALSE
0,075	0,277	0,003	0,012	0,098	FALSE
-0,170	0,291	-0,003	0,008	0,171	FALSE
-0,169	0,265	-0,002	0,006	0,176	FALSE
-0,190	0,276	-0,003	0,007	0,198	FALSE
0,181	0,300	0,005	0,010	0,215	FALSE
0,086	0,286	0,003	0,007	0,177	FALSE
-0,015	0,285	0,000	0,007	0,005	FALSE
0,165	0,275	0,008	0,012	0,296	FALSE
-0,104	0,281	-0,002	0,007	0,148	FALSE
0,018	0,281	-0,001	0,007	0,029	FALSE
-0,065	0,288	-0,001	0,009	0,047	FALSE
0,048	0,285	0,001	0,010	0,030	FALSE
-0,079	0,292	-0,002	0,013	0,058	FALSE
-0,094	0,287	-0,002	0,007	0,133	FALSE
-0,020	0,293	-0,001	0,008	0,027	FALSE
0,030	0,301	0,001	0,008	0,026	FALSE
-0,021	0,289	-0,002	0,007	0,079	FALSE
-0,064	0,293	-0,001	0,007	0,031	FALSE
-0,069	0,297	-0,002	0,008	0,095	FALSE
0,014	0,285	0,002	0,012	0,067	FALSE
-0,045	0,294	0,000	0,010	0,008	FALSE
-0,059	0,298	-0,002	0,007	0,104	FALSE
0,083	0,288	0,003	0,008	0,130	FALSE
-0,016	0,286	0,000	0,008	0,007	FALSE
-0,035	0,281	-0,001	0,010	0,024	FALSE
0,006	0,286	0,001	0,011	0,020	FALSE
0,200	0,278	0,004	0,007	0,258	FALSE
0,141	0,301	0,003	0,007	0,166	FALSE
-0,092	0,259	-0,003	0,011	0,123	FALSE
-0,015	0,287	0,000	0,007	0,007	FALSE
0,046	0,285	0,001	0,006	0,055	FALSE
-0,091	0,282	-0,001	0,007	0,082	FALSE
0,072	0,298	0,003	0,011	0,102	FALSE
0,024	0,283	0,001	0,009	0,048	FALSE
0,070	0,296	0,002	0,011	0,070	FALSE
0,087	0,299	0,003	0,013	0,083	FALSE
0,076	0,298	0,003	0,008	0,133	FALSE
-0,035	0,284	-0,001	0,012	0,043	FALSE

-0,116	0,292	-0,002	0,007	0,112	FALSE
0,024	0,300	0,000	0,011	0,010	FALSE
0,013	0,283	0,001	0,011	0,029	FALSE
-0,087	0,294	-0,001	0,006	0,082	FALSE
0,020	0,291	0,000	0,012	0,011	FALSE
0,102	0,279	0,003	0,007	0,142	FALSE
0,038	0,277	0,001	0,006	0,043	FALSE
0,002	0,289	0,000	0,012	0,010	FALSE
0,007	0,296	0,002	0,009	0,066	FALSE
0,011	0,286	0,003	0,013	0,082	FALSE
0,101	0,282	0,003	0,007	0,165	FALSE
0,055	0,280	0,000	0,013	0,010	FALSE
-0,037	0,285	-0,003	0,012	0,099	FALSE
0,038	0,291	0,001	0,010	0,038	FALSE
0,117	0,290	0,003	0,008	0,140	FALSE
0,088	0,292	0,002	0,013	0,067	FALSE
0,138	0,288	0,005	0,009	0,216	FALSE
-0,039	0,292	0,000	0,008	0,004	FALSE
0,045	0,286	0,001	0,008	0,064	FALSE
0,102	0,282	0,003	0,008	0,135	FALSE
0,053	0,309	0,002	0,009	0,081	FALSE
0,017	0,302	0,003	0,013	0,086	FALSE
-0,068	0,288	-0,002	0,010	0,072	FALSE
-0,056	0,287	-0,002	0,008	0,112	FALSE
-0,031	0,281	-0,002	0,010	0,064	FALSE
0,120	0,284	0,003	0,008	0,155	FALSE
-0,076	0,292	-0,001	0,008	0,048	FALSE
0,047	0,280	0,002	0,011	0,069	FALSE
0,018	0,301	0,001	0,010	0,027	FALSE
-0,002	0,280	0,001	0,009	0,045	FALSE
0,141	0,283	0,007	0,013	0,252	FALSE
-0,114	0,279	-0,004	0,008	0,194	FALSE
0,045	0,291	0,002	0,010	0,060	FALSE
-0,064	0,289	-0,002	0,010	0,087	FALSE
0,052	0,302	0,001	0,012	0,028	FALSE
0,062	0,297	0,001	0,011	0,035	FALSE
0,037	0,277	0,000	0,011	0,004	FALSE
0,029	0,287	0,000	0,008	0,005	FALSE
0,098	0,292	0,003	0,012	0,088	FALSE
0,021	0,283	0,000	0,006	0,017	FALSE
0,086	0,286	0,001	0,008	0,053	FALSE
-0,061	0,293	-0,002	0,010	0,054	FALSE
-0,010	0,298	0,000	0,008	0,005	FALSE
0,044	0,289	0,000	0,007	0,003	FALSE
0,113	0,280	0,003	0,006	0,193	FALSE
-0,078	0,284	-0,003	0,011	0,121	FALSE
0,013	0,293	0,000	0,009	0,004	FALSE
0,035	0,290	0,002	0,009	0,089	FALSE
0,037	0,291	0,001	0,011	0,033	FALSE
-0,184	0,289	-0,008	0,013	0,262	FALSE
-0,197	0,276	-0,005	0,007	0,280	FALSE
0,043	0,298	0,003	0,009	0,130	FALSE
0,012	0,291	-0,001	0,008	0,026	FALSE

-0,075	0,286	-0,002	0,011	0,068	FALSE
0,007	0,293	0,000	0,007	0,012	FALSE
-0,019	0,290	-0,001	0,010	0,027	FALSE
-0,060	0,286	0,000	0,009	0,016	FALSE
-0,054	0,292	-0,002	0,008	0,093	FALSE
0,002	0,293	0,001	0,013	0,019	FALSE
-0,119	0,283	-0,004	0,009	0,177	FALSE
0,151	0,289	0,006	0,013	0,194	FALSE
-0,079	0,291	-0,003	0,011	0,122	FALSE
0,043	0,300	0,002	0,009	0,092	FALSE
0,054	0,286	0,002	0,008	0,079	FALSE
-0,011	0,291	-0,001	0,008	0,046	FALSE
0,025	0,302	0,001	0,008	0,046	FALSE
-0,064	0,298	-0,002	0,009	0,098	FALSE
0,022	0,292	0,000	0,009	0,010	FALSE
0,061	0,306	0,002	0,010	0,057	FALSE
-0,104	0,287	-0,004	0,013	0,110	FALSE
0,089	0,289	0,001	0,009	0,053	FALSE
-0,111	0,305	-0,004	0,011	0,135	FALSE
-0,060	0,307	-0,001	0,012	0,041	FALSE
0,002	0,303	-0,001	0,008	0,027	FALSE
-0,022	0,286	-0,001	0,012	0,018	FALSE
0,045	0,285	0,002	0,011	0,060	FALSE
-0,286	0,264	-0,011	0,012	0,463	FALSE
-0,021	0,288	0,000	0,013	0,010	FALSE
0,134	0,297	0,004	0,012	0,135	FALSE
0,092	0,278	0,002	0,009	0,062	FALSE
-0,045	0,280	-0,004	0,012	0,147	FALSE
0,016	0,284	-0,001	0,008	0,028	FALSE
-0,050	0,295	-0,001	0,008	0,058	FALSE
0,151	0,296	0,006	0,013	0,175	FALSE
0,020	0,289	0,002	0,008	0,074	FALSE
-0,043	0,279	0,000	0,012	0,011	FALSE
-0,072	0,291	-0,002	0,009	0,093	FALSE
-0,013	0,292	0,000	0,010	0,000	FALSE
-0,197	0,295	-0,005	0,007	0,287	FALSE
-0,085	0,282	-0,002	0,012	0,045	FALSE
-0,056	0,300	0,000	0,013	0,006	FALSE
0,001	0,278	0,001	0,010	0,044	FALSE
-0,044	0,286	0,000	0,011	0,013	FALSE
-0,015	0,283	0,001	0,011	0,028	FALSE
-0,052	0,282	-0,001	0,007	0,051	FALSE
-0,081	0,292	-0,002	0,010	0,063	FALSE
-0,040	0,277	0,000	0,011	0,011	FALSE
0,058	0,294	0,003	0,011	0,096	FALSE
0,186	0,287	0,005	0,008	0,239	FALSE
0,132	0,288	0,003	0,009	0,127	FALSE
0,014	0,299	0,000	0,007	0,005	FALSE
0,024	0,295	0,001	0,012	0,028	FALSE
0,075	0,278	0,003	0,010	0,118	FALSE
0,066	0,311	0,003	0,011	0,093	FALSE
-0,073	0,282	-0,003	0,009	0,137	FALSE
0,058	0,286	0,003	0,010	0,112	FALSE

-0,110	0,297	-0,005	0,012	0,146	FALSE
-0,037	0,282	-0,002	0,009	0,087	FALSE
-0,080	0,291	-0,001	0,009	0,061	FALSE
-0,084	0,280	-0,002	0,009	0,066	FALSE
-0,084	0,292	-0,001	0,009	0,060	FALSE
-0,151	0,285	-0,005	0,012	0,182	FALSE
-0,146	0,299	-0,005	0,012	0,162	FALSE
0,028	0,295	0,002	0,010	0,067	FALSE
-0,085	0,281	-0,002	0,006	0,157	FALSE
0,123	0,288	0,004	0,011	0,130	FALSE
-0,017	0,296	-0,001	0,009	0,023	FALSE
0,111	0,296	0,004	0,012	0,139	FALSE
0,049	0,286	0,000	0,006	0,014	FALSE
-0,109	0,291	-0,002	0,010	0,091	FALSE
-0,030	0,296	-0,002	0,011	0,072	FALSE
-0,041	0,295	-0,002	0,013	0,062	FALSE
-0,116	0,297	-0,005	0,013	0,152	FALSE
-0,185	0,273	-0,006	0,013	0,192	FALSE
0,155	0,287	0,004	0,008	0,252	FALSE
-0,060	0,277	-0,002	0,010	0,088	FALSE
-0,054	0,289	-0,002	0,011	0,077	FALSE
0,074	0,292	0,001	0,009	0,034	FALSE
0,017	0,286	0,002	0,011	0,052	FALSE
0,018	0,288	0,002	0,011	0,050	FALSE
0,003	0,292	0,000	0,013	0,001	FALSE
0,018	0,289	0,001	0,012	0,025	FALSE
0,015	0,292	0,000	0,007	0,025	FALSE
0,101	0,308	0,003	0,009	0,112	FALSE
-0,059	0,289	-0,001	0,013	0,015	FALSE
-0,145	0,289	-0,002	0,007	0,112	FALSE
0,197	0,292	0,006	0,010	0,293	FALSE
0,089	0,291	0,004	0,013	0,115	FALSE
0,053	0,306	0,001	0,011	0,026	FALSE
0,088	0,291	0,002	0,007	0,086	FALSE
-0,049	0,284	-0,001	0,007	0,074	FALSE
-0,088	0,284	-0,001	0,006	0,064	FALSE
-0,105	0,284	-0,002	0,006	0,119	FALSE
-0,065	0,286	-0,002	0,009	0,102	FALSE
-0,053	0,304	-0,001	0,006	0,082	FALSE
-0,029	0,295	-0,004	0,013	0,110	FALSE
-0,151	0,290	-0,003	0,008	0,176	FALSE
-0,068	0,282	0,000	0,007	0,010	FALSE
-0,116	0,273	-0,004	0,012	0,151	FALSE
0,016	0,299	0,002	0,013	0,043	FALSE
-0,051	0,301	-0,003	0,013	0,097	FALSE
-0,049	0,291	-0,001	0,007	0,028	FALSE
0,021	0,298	0,001	0,008	0,032	FALSE
0,041	0,297	0,001	0,007	0,050	FALSE
0,195	0,280	0,010	0,011	0,448	FALSE
-0,019	0,286	0,001	0,008	0,035	FALSE
-0,055	0,294	-0,002	0,012	0,047	FALSE
-0,030	0,290	-0,003	0,009	0,130	FALSE
0,107	0,298	0,003	0,009	0,130	FALSE

0,016	0,292	-0,001	0,012	0,031	FALSE
-0,021	0,291	0,000	0,008	0,021	FALSE
-0,052	0,290	-0,002	0,008	0,093	FALSE
-0,044	0,294	-0,002	0,009	0,063	FALSE
-0,149	0,270	-0,006	0,012	0,228	FALSE
-0,017	0,282	-0,002	0,010	0,058	FALSE
0,020	0,280	0,001	0,012	0,035	FALSE
-0,064	0,313	-0,002	0,011	0,064	FALSE
-0,005	0,293	0,000	0,007	0,004	FALSE
-0,043	0,287	0,000	0,008	0,010	FALSE
0,045	0,270	0,002	0,011	0,075	FALSE
0,160	0,299	0,005	0,009	0,262	FALSE
0,115	0,283	0,002	0,006	0,138	FALSE
-0,039	0,291	-0,002	0,011	0,049	FALSE
0,047	0,273	-0,001	0,008	0,044	FALSE
-0,061	0,278	-0,001	0,007	0,035	FALSE
-0,016	0,287	-0,002	0,009	0,086	FALSE
0,125	0,277	0,007	0,012	0,260	FALSE
-0,141	0,290	-0,005	0,011	0,198	FALSE
-0,124	0,293	-0,004	0,010	0,176	FALSE
0,128	0,284	0,006	0,011	0,251	FALSE
0,099	0,291	0,003	0,007	0,153	FALSE
-0,017	0,284	-0,003	0,012	0,100	FALSE
-0,054	0,288	-0,001	0,008	0,053	FALSE
0,040	0,287	0,003	0,013	0,079	FALSE
-0,004	0,298	-0,003	0,010	0,091	FALSE
-0,015	0,284	-0,002	0,009	0,069	FALSE
0,009	0,299	-0,001	0,010	0,031	FALSE
-0,093	0,294	-0,002	0,007	0,136	FALSE
0,009	0,294	0,001	0,007	0,052	FALSE
0,107	0,270	0,002	0,006	0,158	FALSE
0,080	0,290	0,002	0,006	0,121	FALSE
0,010	0,304	0,001	0,013	0,020	FALSE
0,096	0,301	0,003	0,009	0,129	FALSE
0,079	0,289	0,002	0,009	0,105	FALSE
-0,046	0,300	-0,001	0,012	0,025	FALSE
-0,026	0,281	0,001	0,008	0,026	FALSE
0,038	0,301	0,000	0,008	0,008	FALSE
0,041	0,294	0,002	0,013	0,058	FALSE
-0,029	0,286	-0,001	0,007	0,028	FALSE
-0,155	0,265	-0,003	0,008	0,163	FALSE
0,051	0,285	0,002	0,012	0,077	FALSE
0,074	0,310	0,001	0,007	0,043	FALSE
0,009	0,286	0,001	0,011	0,020	FALSE
0,009	0,276	0,001	0,011	0,041	FALSE
-0,063	0,279	-0,003	0,009	0,162	FALSE
0,116	0,289	0,003	0,007	0,165	FALSE
-0,067	0,278	-0,003	0,007	0,193	FALSE
-0,112	0,285	-0,002	0,007	0,112	FALSE
-0,041	0,288	-0,001	0,006	0,041	FALSE
-0,168	0,290	-0,004	0,009	0,202	FALSE
-0,006	0,284	0,001	0,008	0,060	FALSE
-0,019	0,289	-0,002	0,011	0,051	FALSE

0,092	0,280	0,004	0,012	0,124	FALSE
-0,130	0,281	-0,005	0,013	0,174	FALSE
-0,231	0,272	-0,008	0,012	0,286	FALSE
0,144	0,291	0,003	0,011	0,110	FALSE
0,062	0,299	0,003	0,012	0,107	FALSE
0,044	0,292	0,001	0,008	0,030	FALSE
-0,144	0,284	-0,003	0,007	0,188	FALSE
0,016	0,284	0,003	0,011	0,099	FALSE
0,095	0,287	0,002	0,011	0,080	FALSE
0,027	0,291	0,001	0,012	0,016	FALSE
-0,123	0,298	-0,002	0,008	0,115	FALSE
0,032	0,291	0,001	0,012	0,026	FALSE
0,156	0,279	0,005	0,008	0,283	FALSE
0,064	0,296	0,001	0,007	0,076	FALSE
0,081	0,276	0,002	0,011	0,052	FALSE
0,133	0,296	0,004	0,008	0,172	FALSE
0,058	0,285	0,001	0,009	0,029	FALSE
-0,006	0,300	0,000	0,010	0,012	FALSE
0,083	0,322	0,002	0,013	0,072	FALSE
-0,015	0,283	0,000	0,011	0,016	FALSE
0,056	0,296	0,002	0,012	0,075	FALSE
-0,008	0,286	0,000	0,009	0,011	FALSE
-0,044	0,286	-0,002	0,008	0,102	FALSE
-0,082	0,300	-0,002	0,007	0,124	FALSE
-0,019	0,295	0,000	0,007	0,016	FALSE
-0,041	0,304	-0,002	0,008	0,069	FALSE
-0,014	0,306	-0,001	0,010	0,030	FALSE
-0,212	0,287	-0,005	0,008	0,301	FALSE
0,030	0,287	0,001	0,013	0,023	FALSE
-0,074	0,286	0,000	0,007	0,022	FALSE
0,025	0,289	0,002	0,012	0,045	FALSE
-0,076	0,282	-0,003	0,013	0,082	FALSE
-0,005	0,274	0,001	0,007	0,053	FALSE
0,011	0,272	0,002	0,007	0,118	FALSE
0,163	0,283	0,006	0,011	0,236	FALSE
0,082	0,286	0,003	0,010	0,099	FALSE
0,069	0,271	0,001	0,006	0,079	FALSE
-0,031	0,285	0,000	0,007	0,009	FALSE
-0,074	0,285	-0,001	0,006	0,088	FALSE
0,098	0,282	0,005	0,010	0,193	FALSE
-0,148	0,278	-0,004	0,008	0,186	FALSE
0,120	0,282	0,005	0,012	0,173	FALSE
0,110	0,287	0,005	0,012	0,160	FALSE
0,096	0,280	0,005	0,013	0,145	FALSE
0,106	0,286	0,005	0,012	0,154	FALSE
0,117	0,284	0,005	0,013	0,157	FALSE
0,011	0,294	-0,001	0,010	0,020	FALSE
0,153	0,281	0,006	0,010	0,276	FALSE
0,117	0,292	0,005	0,010	0,184	FALSE
0,130	0,282	0,005	0,010	0,228	FALSE
0,133	0,293	0,005	0,010	0,208	FALSE
0,144	0,280	0,002	0,007	0,115	FALSE
0,024	0,282	-0,001	0,013	0,023	FALSE

0,078	0,284	0,001	0,007	0,042	FALSE
-0,063	0,291	-0,003	0,008	0,162	FALSE
-0,011	0,285	0,000	0,012	0,004	FALSE
-0,049	0,288	-0,002	0,012	0,055	FALSE
-0,055	0,291	-0,001	0,007	0,032	FALSE
0,007	0,280	-0,001	0,007	0,043	FALSE
-0,060	0,308	-0,003	0,013	0,075	FALSE
-0,063	0,303	-0,003	0,013	0,073	FALSE
-0,083	0,293	-0,002	0,008	0,073	FALSE
-0,041	0,284	-0,002	0,007	0,133	FALSE
-0,095	0,278	-0,002	0,006	0,133	FALSE
0,025	0,276	0,000	0,007	0,009	FALSE
-0,067	0,288	-0,003	0,008	0,143	FALSE
-0,122	0,299	-0,004	0,010	0,170	FALSE
-0,073	0,293	-0,001	0,012	0,017	FALSE
-0,019	0,284	0,000	0,009	0,010	FALSE
0,188	0,286	0,006	0,009	0,293	FALSE
0,140	0,302	0,005	0,010	0,202	FALSE
0,074	0,288	0,001	0,007	0,048	FALSE
0,062	0,288	0,000	0,007	0,010	FALSE
-0,061	0,292	-0,003	0,012	0,087	FALSE
-0,050	0,288	-0,002	0,010	0,066	FALSE
-0,067	0,283	-0,002	0,007	0,093	FALSE
0,015	0,281	0,000	0,010	0,007	FALSE
0,100	0,292	0,003	0,011	0,094	FALSE
0,142	0,269	0,002	0,007	0,118	FALSE
0,124	0,289	0,005	0,011	0,192	FALSE
-0,009	0,291	0,001	0,006	0,032	FALSE
0,083	0,295	0,003	0,011	0,093	FALSE
0,083	0,280	0,002	0,007	0,132	FALSE
0,122	0,287	0,003	0,008	0,134	FALSE
-0,136	0,293	-0,005	0,013	0,179	FALSE
0,109	0,286	0,003	0,013	0,082	FALSE
0,003	0,285	0,000	0,007	0,005	FALSE
0,091	0,294	0,002	0,008	0,083	FALSE
0,223	0,291	0,006	0,008	0,385	FALSE
-0,138	0,290	-0,005	0,011	0,174	FALSE
-0,092	0,287	-0,001	0,010	0,037	FALSE
-0,098	0,301	-0,002	0,010	0,063	FALSE
0,059	0,285	0,001	0,008	0,026	FALSE
-0,116	0,283	-0,002	0,013	0,054	FALSE
-0,141	0,276	-0,003	0,012	0,086	FALSE
-0,178	0,280	-0,004	0,008	0,230	FALSE
-0,040	0,284	0,000	0,007	0,014	FALSE
0,041	0,293	0,001	0,006	0,085	FALSE
-0,006	0,273	-0,001	0,007	0,064	FALSE
-0,071	0,273	-0,003	0,009	0,153	FALSE
0,013	0,281	0,001	0,011	0,037	FALSE
0,016	0,290	0,001	0,013	0,025	FALSE
0,039	0,295	0,001	0,008	0,039	FALSE
0,077	0,283	0,002	0,006	0,106	FALSE
0,212	0,281	0,006	0,012	0,231	FALSE
-0,004	0,301	0,000	0,012	0,003	FALSE

0,213	0,283	0,009	0,013	0,327	FALSE
0,223	0,281	0,010	0,013	0,337	FALSE
0,114	0,292	0,003	0,010	0,116	FALSE
0,155	0,288	0,005	0,012	0,166	FALSE
-0,063	0,282	-0,001	0,008	0,039	FALSE
0,069	0,311	0,002	0,013	0,053	FALSE
-0,045	0,284	-0,002	0,010	0,078	FALSE
0,111	0,284	0,002	0,008	0,122	FALSE
0,089	0,304	0,002	0,010	0,066	FALSE
0,048	0,283	0,001	0,011	0,025	FALSE
-0,033	0,294	-0,001	0,009	0,030	FALSE
-0,016	0,292	-0,001	0,011	0,034	FALSE
0,098	0,280	0,003	0,008	0,150	FALSE
-0,063	0,301	-0,001	0,012	0,020	FALSE
-0,083	0,272	0,000	0,011	0,002	FALSE
0,007	0,296	0,000	0,012	0,009	FALSE
-0,058	0,279	-0,003	0,012	0,109	FALSE
-0,150	0,279	-0,006	0,010	0,257	FALSE
-0,051	0,279	-0,002	0,009	0,092	FALSE
-0,009	0,296	-0,001	0,007	0,043	FALSE
-0,024	0,302	-0,002	0,013	0,061	FALSE
0,174	0,285	0,004	0,006	0,321	FALSE
-0,034	0,285	-0,005	0,012	0,158	FALSE
0,063	0,291	0,000	0,007	0,020	FALSE
-0,208	0,283	-0,008	0,013	0,277	FALSE
0,018	0,282	0,002	0,009	0,097	FALSE
0,090	0,282	0,001	0,012	0,047	FALSE
0,022	0,291	0,002	0,010	0,074	FALSE
0,053	0,292	0,000	0,013	0,001	FALSE
-0,171	0,286	-0,004	0,010	0,170	FALSE
-0,015	0,292	-0,001	0,011	0,026	FALSE
-0,046	0,284	-0,001	0,009	0,023	FALSE
0,022	0,300	0,001	0,007	0,055	FALSE
-0,007	0,308	0,000	0,007	0,023	FALSE
0,062	0,309	0,002	0,012	0,076	FALSE
0,086	0,282	0,002	0,009	0,102	FALSE
0,029	0,290	0,002	0,009	0,100	FALSE
0,065	0,296	0,004	0,011	0,146	FALSE
0,004	0,298	0,000	0,007	0,023	FALSE
0,048	0,294	0,000	0,008	0,014	FALSE
-0,004	0,286	-0,001	0,007	0,038	FALSE
-0,108	0,292	-0,004	0,009	0,178	FALSE
0,211	0,291	0,008	0,012	0,300	FALSE
0,236	0,277	0,008	0,011	0,318	FALSE
0,148	0,280	0,005	0,009	0,268	FALSE
-0,024	0,300	-0,002	0,009	0,074	FALSE
0,022	0,300	0,003	0,012	0,082	FALSE
0,046	0,280	0,001	0,008	0,038	FALSE
-0,015	0,286	-0,001	0,008	0,036	FALSE
0,062	0,302	0,005	0,013	0,156	FALSE
0,006	0,275	0,003	0,009	0,126	FALSE
-0,038	0,280	-0,001	0,007	0,051	FALSE
-0,074	0,285	-0,003	0,008	0,124	FALSE

0,049	0,294	0,002	0,013	0,054	FALSE
-0,088	0,277	-0,005	0,010	0,213	FALSE
0,167	0,287	0,005	0,009	0,207	FALSE
0,010	0,293	0,000	0,007	0,010	FALSE
-0,037	0,294	-0,001	0,012	0,035	FALSE
0,217	0,277	0,006	0,010	0,262	FALSE
-0,177	0,283	-0,007	0,013	0,219	FALSE
-0,064	0,307	-0,002	0,010	0,096	FALSE
-0,050	0,287	-0,001	0,009	0,033	FALSE
-0,027	0,300	-0,001	0,012	0,016	FALSE
-0,002	0,288	0,002	0,011	0,068	FALSE
0,109	0,297	0,004	0,012	0,129	FALSE
-0,075	0,301	-0,001	0,008	0,064	FALSE
-0,084	0,288	-0,001	0,009	0,053	FALSE
0,108	0,284	0,005	0,010	0,191	FALSE
-0,049	0,286	0,000	0,008	0,012	FALSE
-0,076	0,288	-0,001	0,008	0,036	FALSE
0,038	0,273	0,005	0,013	0,155	FALSE
0,059	0,295	0,001	0,007	0,029	FALSE
-0,015	0,295	-0,002	0,006	0,102	FALSE
0,014	0,297	-0,001	0,007	0,057	FALSE
0,096	0,286	0,002	0,010	0,064	FALSE
-0,075	0,279	-0,002	0,007	0,091	FALSE
0,114	0,293	0,004	0,012	0,130	FALSE
-0,069	0,296	-0,001	0,010	0,042	FALSE
0,039	0,293	0,001	0,006	0,053	FALSE
0,133	0,272	0,003	0,006	0,212	FALSE
0,034	0,289	0,000	0,006	0,003	FALSE
0,031	0,294	0,002	0,009	0,102	FALSE
0,042	0,301	0,002	0,009	0,103	FALSE
0,013	0,281	0,001	0,009	0,055	FALSE
0,047	0,286	0,003	0,009	0,112	FALSE
0,125	0,278	0,003	0,007	0,153	FALSE
-0,083	0,284	-0,003	0,013	0,097	FALSE
-0,057	0,301	-0,002	0,009	0,075	FALSE
-0,056	0,301	-0,001	0,009	0,049	FALSE
-0,015	0,301	-0,001	0,008	0,036	FALSE
-0,029	0,306	-0,001	0,009	0,047	FALSE
0,028	0,294	0,001	0,008	0,027	FALSE
-0,050	0,309	-0,003	0,010	0,103	FALSE
0,008	0,273	-0,002	0,012	0,070	FALSE
0,011	0,299	-0,002	0,012	0,051	FALSE
-0,018	0,289	-0,001	0,007	0,026	FALSE
0,050	0,289	0,001	0,012	0,035	FALSE
0,056	0,295	0,002	0,009	0,067	FALSE
-0,024	0,297	-0,003	0,011	0,093	FALSE
0,142	0,281	0,003	0,007	0,145	FALSE
0,078	0,291	0,003	0,008	0,138	FALSE
-0,037	0,296	-0,002	0,008	0,109	FALSE
-0,025	0,299	-0,002	0,008	0,085	FALSE
0,146	0,280	0,005	0,010	0,227	FALSE
0,115	0,287	0,004	0,010	0,166	FALSE
-0,025	0,280	-0,003	0,012	0,080	FALSE

0,071	0,297	0,001	0,009	0,038	FALSE
-0,047	0,289	0,000	0,009	0,016	FALSE
-0,068	0,284	-0,002	0,007	0,121	FALSE
0,049	0,283	0,003	0,009	0,126	FALSE
-0,090	0,289	-0,002	0,007	0,083	FALSE
0,037	0,298	0,001	0,008	0,058	FALSE
-0,011	0,299	-0,001	0,013	0,036	FALSE
-0,143	0,283	-0,005	0,009	0,239	FALSE
-0,021	0,271	0,000	0,012	0,005	FALSE
0,082	0,291	0,002	0,006	0,092	FALSE
-0,035	0,272	0,000	0,006	0,007	FALSE
-0,052	0,291	0,000	0,007	0,022	FALSE
-0,008	0,281	0,000	0,008	0,013	FALSE
-0,097	0,294	-0,002	0,007	0,101	FALSE
0,035	0,279	0,000	0,009	0,003	FALSE
0,123	0,292	0,004	0,008	0,221	FALSE
0,075	0,290	0,005	0,013	0,148	FALSE
0,021	0,301	0,001	0,007	0,041	FALSE
0,068	0,304	0,001	0,011	0,047	FALSE
-0,151	0,281	-0,003	0,008	0,186	FALSE
-0,075	0,297	-0,002	0,012	0,074	FALSE
0,032	0,285	0,000	0,007	0,010	FALSE
0,176	0,274	0,005	0,007	0,312	FALSE
0,031	0,297	0,001	0,011	0,045	FALSE
0,116	0,288	0,004	0,011	0,157	FALSE
0,231	0,269	0,007	0,013	0,230	FALSE
0,047	0,287	0,002	0,010	0,058	FALSE
0,024	0,287	0,001	0,007	0,042	FALSE
-0,104	0,282	-0,004	0,009	0,188	FALSE
-0,024	0,290	0,000	0,011	0,013	FALSE
-0,114	0,277	-0,002	0,012	0,076	FALSE
-0,028	0,285	0,001	0,012	0,037	FALSE
-0,092	0,281	-0,002	0,012	0,050	FALSE
-0,044	0,291	-0,002	0,011	0,062	FALSE
-0,064	0,288	-0,003	0,011	0,095	FALSE
-0,064	0,296	-0,003	0,011	0,101	FALSE
-0,054	0,294	-0,001	0,008	0,043	FALSE
-0,028	0,285	0,000	0,010	0,010	FALSE
0,010	0,291	-0,001	0,012	0,020	FALSE
-0,023	0,280	-0,002	0,011	0,067	FALSE
-0,064	0,288	-0,001	0,012	0,031	FALSE
0,052	0,282	0,000	0,007	0,023	FALSE
-0,071	0,271	-0,001	0,008	0,063	FALSE
0,007	0,282	0,000	0,006	0,020	FALSE
0,075	0,296	0,001	0,007	0,060	FALSE
-0,073	0,293	-0,001	0,007	0,051	FALSE
-0,011	0,287	-0,001	0,011	0,039	FALSE
-0,123	0,272	-0,002	0,006	0,123	FALSE
-0,008	0,284	0,002	0,008	0,088	FALSE
0,046	0,289	-0,001	0,008	0,061	FALSE
-0,107	0,299	-0,003	0,008	0,142	FALSE
-0,191	0,290	-0,008	0,012	0,275	FALSE
-0,133	0,272	-0,002	0,012	0,062	FALSE

0,046	0,294	0,001	0,010	0,023	FALSE
-0,028	0,287	-0,001	0,007	0,038	FALSE
0,105	0,286	0,002	0,006	0,106	FALSE
-0,110	0,278	-0,004	0,010	0,176	FALSE
-0,098	0,288	-0,005	0,011	0,209	FALSE
-0,113	0,291	-0,005	0,011	0,180	FALSE
0,047	0,293	0,000	0,010	0,017	FALSE
0,026	0,270	0,000	0,012	0,007	FALSE
-0,002	0,295	0,000	0,007	0,004	FALSE
-0,013	0,297	0,000	0,007	0,018	FALSE
0,004	0,294	0,001	0,007	0,026	FALSE
-0,006	0,292	0,000	0,008	0,009	FALSE
0,013	0,297	0,002	0,011	0,065	FALSE
-0,003	0,280	0,000	0,011	0,010	FALSE
-0,143	0,285	-0,003	0,008	0,164	FALSE
0,036	0,293	0,000	0,007	0,001	FALSE
-0,048	0,289	-0,002	0,007	0,090	FALSE
-0,092	0,289	-0,003	0,007	0,147	FALSE
-0,033	0,295	-0,001	0,012	0,044	FALSE
0,081	0,293	0,002	0,008	0,089	FALSE
0,124	0,285	0,007	0,011	0,269	FALSE
-0,041	0,281	-0,003	0,010	0,140	FALSE
0,243	0,285	0,007	0,008	0,413	FALSE
0,144	0,276	0,003	0,013	0,097	FALSE
0,006	0,290	-0,001	0,012	0,024	FALSE
-0,032	0,284	0,000	0,006	0,005	FALSE
0,051	0,289	0,002	0,008	0,112	FALSE
0,039	0,280	0,002	0,007	0,086	FALSE
-0,007	0,300	0,000	0,009	0,006	FALSE
-0,047	0,298	-0,001	0,007	0,074	FALSE
0,092	0,287	0,002	0,007	0,137	FALSE
0,074	0,277	0,002	0,007	0,087	FALSE
-0,076	0,295	-0,003	0,009	0,128	FALSE
0,065	0,289	0,001	0,007	0,079	FALSE
0,014	0,285	0,001	0,007	0,065	FALSE
-0,076	0,288	-0,003	0,012	0,111	FALSE
-0,031	0,283	-0,001	0,008	0,047	FALSE
0,096	0,290	0,003	0,008	0,171	FALSE
0,012	0,297	0,002	0,009	0,103	FALSE
-0,042	0,291	-0,002	0,007	0,093	FALSE
0,001	0,292	0,000	0,010	0,006	FALSE
0,043	0,291	0,002	0,007	0,086	FALSE
-0,064	0,277	-0,001	0,008	0,039	FALSE
-0,087	0,284	-0,002	0,007	0,085	FALSE
-0,026	0,298	0,000	0,010	0,002	FALSE
-0,047	0,271	-0,001	0,006	0,072	FALSE
0,207	0,285	0,005	0,007	0,298	FALSE
-0,050	0,295	0,000	0,013	0,011	FALSE
0,088	0,285	0,002	0,008	0,111	FALSE
0,053	0,285	0,002	0,010	0,066	FALSE
0,167	0,289	0,004	0,009	0,188	FALSE
0,095	0,285	0,005	0,013	0,141	FALSE
0,075	0,276	0,002	0,007	0,088	FALSE

0,143	0,292	0,005	0,011	0,201	FALSE
-0,008	0,288	0,002	0,011	0,056	FALSE
0,162	0,287	0,004	0,007	0,287	FALSE
0,185	0,286	0,005	0,007	0,314	FALSE
-0,110	0,290	-0,005	0,012	0,163	FALSE
0,161	0,283	0,004	0,007	0,287	FALSE
0,118	0,290	0,003	0,007	0,147	FALSE
-0,025	0,280	-0,001	0,008	0,051	FALSE
0,127	0,292	0,006	0,013	0,186	FALSE
-0,129	0,287	-0,004	0,008	0,227	FALSE
0,050	0,275	0,001	0,008	0,053	FALSE
-0,072	0,294	-0,005	0,013	0,151	FALSE
-0,006	0,295	-0,001	0,007	0,038	FALSE
-0,020	0,287	-0,001	0,009	0,024	FALSE
0,040	0,296	0,002	0,012	0,058	FALSE
0,124	0,278	0,004	0,011	0,128	FALSE
0,031	0,286	0,002	0,010	0,088	FALSE
0,018	0,294	0,000	0,007	0,005	FALSE
-0,247	0,278	-0,006	0,007	0,405	FALSE
-0,084	0,301	-0,002	0,012	0,059	FALSE
-0,091	0,283	-0,002	0,009	0,084	FALSE
-0,218	0,284	-0,010	0,013	0,337	FALSE
-0,115	0,291	-0,002	0,006	0,096	FALSE
0,044	0,290	0,001	0,010	0,017	FALSE
0,004	0,296	0,000	0,009	0,017	FALSE
0,015	0,292	-0,001	0,008	0,037	FALSE
-0,088	0,287	-0,001	0,008	0,050	FALSE
-0,192	0,282	-0,003	0,008	0,181	FALSE
0,108	0,296	0,003	0,010	0,129	FALSE
-0,072	0,298	-0,002	0,011	0,081	FALSE
-0,067	0,296	-0,002	0,011	0,082	FALSE
-0,038	0,296	-0,001	0,007	0,084	FALSE
0,011	0,280	0,002	0,011	0,073	FALSE
-0,152	0,300	-0,003	0,008	0,157	FALSE
-0,150	0,280	-0,005	0,012	0,152	FALSE
-0,047	0,291	0,000	0,009	0,016	FALSE
0,001	0,290	-0,001	0,010	0,036	FALSE
-0,112	0,288	-0,003	0,009	0,145	FALSE
0,097	0,290	0,004	0,012	0,114	FALSE
0,047	0,302	0,002	0,011	0,067	FALSE
-0,084	0,297	-0,002	0,007	0,112	FALSE
-0,077	0,298	-0,003	0,008	0,139	FALSE
0,030	0,282	0,002	0,007	0,095	FALSE
0,029	0,283	0,001	0,009	0,026	FALSE
0,065	0,294	0,002	0,010	0,070	FALSE
0,137	0,294	0,004	0,010	0,168	FALSE
-0,126	0,285	-0,003	0,010	0,121	FALSE
0,051	0,294	0,000	0,012	0,014	FALSE
0,002	0,275	0,001	0,012	0,023	FALSE
-0,008	0,298	0,000	0,007	0,005	FALSE
-0,058	0,281	-0,001	0,007	0,060	FALSE
0,129	0,274	0,006	0,008	0,309	FALSE
0,024	0,281	0,000	0,007	0,007	FALSE

-0,027	0,288	-0,001	0,008	0,022	FALSE
0,056	0,289	0,001	0,009	0,032	FALSE
-0,208	0,273	-0,007	0,011	0,258	FALSE
-0,002	0,281	0,000	0,011	0,010	FALSE
0,037	0,291	0,002	0,013	0,054	FALSE
-0,013	0,285	-0,001	0,006	0,091	FALSE
0,065	0,282	0,002	0,007	0,135	FALSE
-0,033	0,295	-0,001	0,009	0,041	FALSE
-0,011	0,291	-0,001	0,008	0,023	FALSE
-0,015	0,292	0,000	0,009	0,017	FALSE
0,020	0,279	0,002	0,010	0,085	FALSE
-0,134	0,286	-0,003	0,008	0,150	FALSE
0,067	0,273	0,003	0,010	0,134	FALSE
-0,080	0,292	-0,002	0,013	0,070	FALSE
-0,037	0,285	-0,001	0,007	0,034	FALSE
0,006	0,299	-0,001	0,012	0,021	FALSE
0,165	0,286	0,007	0,011	0,307	FALSE
0,152	0,272	0,007	0,010	0,298	FALSE
-0,017	0,296	-0,003	0,011	0,094	FALSE
0,027	0,291	0,000	0,007	0,019	FALSE
0,043	0,280	0,002	0,007	0,117	FALSE
0,069	0,288	0,001	0,007	0,082	FALSE
0,024	0,281	0,002	0,010	0,090	FALSE
-0,060	0,282	-0,001	0,006	0,059	FALSE
0,116	0,291	0,005	0,013	0,161	FALSE
0,066	0,282	0,002	0,012	0,071	FALSE
0,118	0,290	0,005	0,013	0,168	FALSE
0,031	0,295	0,000	0,010	0,008	FALSE
-0,048	0,278	-0,002	0,007	0,118	FALSE
-0,048	0,280	-0,002	0,006	0,123	FALSE
-0,044	0,296	-0,002	0,007	0,115	FALSE
-0,018	0,290	-0,001	0,013	0,032	FALSE
-0,103	0,297	-0,003	0,007	0,187	FALSE
0,030	0,299	0,000	0,007	0,020	FALSE
0,016	0,289	0,001	0,007	0,040	FALSE
-0,084	0,290	-0,004	0,009	0,154	FALSE
-0,017	0,285	-0,001	0,009	0,051	FALSE
-0,049	0,297	-0,003	0,009	0,108	FALSE
-0,021	0,292	-0,002	0,011	0,076	FALSE
-0,107	0,303	-0,004	0,009	0,178	FALSE
0,112	0,282	0,006	0,013	0,197	FALSE
0,193	0,293	0,007	0,011	0,283	FALSE
0,070	0,281	0,004	0,009	0,156	FALSE
0,044	0,295	0,000	0,010	0,015	FALSE
0,135	0,283	0,003	0,009	0,152	FALSE
0,063	0,293	0,000	0,008	0,017	FALSE
0,015	0,290	0,000	0,007	0,009	FALSE
0,023	0,302	0,000	0,007	0,003	FALSE
-0,030	0,292	-0,002	0,009	0,073	FALSE
0,133	0,276	0,003	0,007	0,213	FALSE
-0,024	0,286	-0,001	0,006	0,033	FALSE
-0,029	0,298	-0,001	0,011	0,042	FALSE
0,087	0,309	0,004	0,014	0,104	FALSE

0,048	0,289	0,003	0,013	0,098	FALSE
0,034	0,281	0,002	0,012	0,054	FALSE
0,048	0,281	0,003	0,013	0,082	FALSE
0,104	0,272	0,004	0,013	0,132	FALSE
0,061	0,276	0,003	0,013	0,087	FALSE
0,062	0,263	0,003	0,012	0,094	FALSE
0,069	0,280	0,003	0,013	0,079	FALSE
-0,114	0,281	-0,002	0,007	0,126	FALSE
-0,018	0,285	0,000	0,012	0,002	FALSE
0,058	0,292	0,000	0,007	0,018	FALSE
0,087	0,292	0,003	0,010	0,117	FALSE
0,212	0,267	0,008	0,011	0,337	FALSE
0,083	0,284	0,002	0,008	0,084	FALSE
0,066	0,290	0,001	0,012	0,021	FALSE
0,045	0,292	0,000	0,013	0,012	FALSE
0,100	0,302	0,002	0,014	0,062	FALSE
0,154	0,289	0,008	0,012	0,284	FALSE
-0,014	0,265	-0,006	0,012	0,208	FALSE
-0,018	0,284	0,000	0,008	0,019	FALSE
0,099	0,285	0,003	0,007	0,208	FALSE
-0,058	0,298	-0,002	0,011	0,063	FALSE
0,065	0,292	0,001	0,008	0,027	FALSE
-0,052	0,300	-0,001	0,009	0,042	FALSE
-0,056	0,288	-0,001	0,008	0,040	FALSE
0,055	0,283	0,003	0,010	0,099	FALSE
0,027	0,277	0,002	0,011	0,081	FALSE
-0,015	0,284	0,002	0,010	0,075	FALSE
-0,116	0,299	-0,005	0,012	0,166	FALSE
0,137	0,291	0,007	0,013	0,213	FALSE
-0,006	0,313	0,000	0,008	0,003	FALSE
0,042	0,301	0,001	0,007	0,058	FALSE
0,040	0,301	0,001	0,011	0,049	FALSE
0,011	0,296	0,000	0,008	0,014	FALSE
-0,041	0,312	-0,001	0,007	0,069	FALSE
0,028	0,277	0,002	0,009	0,092	FALSE
0,099	0,301	0,002	0,009	0,088	FALSE
-0,071	0,277	-0,003	0,010	0,099	FALSE
0,037	0,293	-0,001	0,011	0,039	FALSE
0,067	0,271	0,000	0,011	0,009	FALSE
-0,114	0,288	-0,002	0,006	0,155	FALSE
-0,108	0,278	-0,002	0,006	0,093	FALSE
0,056	0,293	0,002	0,007	0,091	FALSE
-0,134	0,283	-0,006	0,012	0,219	FALSE
0,081	0,296	0,004	0,009	0,161	FALSE
-0,030	0,301	-0,002	0,008	0,073	FALSE
-0,040	0,272	0,000	0,009	0,017	FALSE
0,003	0,286	0,001	0,007	0,050	FALSE
0,153	0,278	0,004	0,011	0,148	FALSE
-0,029	0,286	0,000	0,007	0,010	FALSE
-0,008	0,299	0,001	0,009	0,023	FALSE
-0,116	0,300	-0,003	0,010	0,112	FALSE
-0,092	0,283	0,000	0,010	0,017	FALSE
0,106	0,295	0,002	0,009	0,092	FALSE

0,180	0,287	0,004	0,008	0,231	FALSE
0,013	0,286	0,000	0,012	0,011	FALSE
-0,023	0,286	-0,001	0,010	0,023	FALSE
-0,098	0,292	-0,004	0,009	0,167	FALSE
0,099	0,283	0,005	0,011	0,196	FALSE
0,041	0,294	0,003	0,013	0,097	FALSE
-0,082	0,284	-0,004	0,013	0,112	FALSE
0,063	0,285	0,004	0,012	0,126	FALSE
-0,068	0,276	-0,002	0,006	0,138	FALSE
-0,008	0,296	-0,002	0,012	0,049	FALSE
0,144	0,288	0,003	0,007	0,161	FALSE
0,004	0,294	0,001	0,012	0,036	FALSE
-0,047	0,294	-0,001	0,012	0,038	FALSE
-0,064	0,285	-0,003	0,011	0,118	FALSE
0,107	0,286	0,003	0,009	0,140	FALSE
-0,103	0,291	-0,002	0,008	0,108	FALSE
-0,015	0,287	-0,001	0,008	0,051	FALSE
-0,054	0,301	-0,001	0,010	0,050	FALSE
0,084	0,290	0,001	0,009	0,062	FALSE
-0,082	0,295	-0,002	0,010	0,060	FALSE
-0,172	0,280	-0,004	0,007	0,269	FALSE
0,010	0,286	0,000	0,007	0,012	FALSE
0,088	0,283	0,005	0,012	0,163	FALSE
0,067	0,293	0,004	0,012	0,119	FALSE
0,054	0,300	0,003	0,012	0,091	FALSE
0,008	0,283	-0,001	0,008	0,025	FALSE
0,002	0,286	-0,001	0,008	0,054	FALSE
0,094	0,275	0,004	0,010	0,165	FALSE
0,011	0,288	0,000	0,012	0,004	FALSE
-0,095	0,280	-0,004	0,011	0,166	FALSE
0,012	0,285	0,000	0,010	0,017	FALSE
0,171	0,287	0,008	0,012	0,318	FALSE
-0,034	0,304	-0,001	0,011	0,039	FALSE
-0,068	0,279	-0,002	0,007	0,088	FALSE
0,007	0,299	0,000	0,008	0,009	FALSE
0,039	0,297	0,001	0,012	0,015	FALSE
-0,027	0,277	-0,002	0,011	0,053	FALSE
-0,012	0,292	0,001	0,013	0,040	FALSE
-0,045	0,290	-0,003	0,011	0,090	FALSE
-0,032	0,304	-0,002	0,007	0,112	FALSE
-0,036	0,293	-0,001	0,010	0,040	FALSE
0,159	0,288	0,003	0,008	0,140	FALSE
0,046	0,275	0,000	0,008	0,014	FALSE
0,160	0,286	0,004	0,007	0,233	FALSE
-0,033	0,280	0,000	0,009	0,019	FALSE
-0,027	0,277	-0,001	0,009	0,024	FALSE
-0,001	0,298	-0,001	0,012	0,036	FALSE
-0,055	0,292	-0,001	0,007	0,034	FALSE
0,012	0,305	-0,001	0,013	0,036	FALSE
-0,048	0,296	-0,001	0,007	0,050	FALSE
-0,111	0,301	-0,004	0,012	0,144	FALSE
-0,084	0,286	-0,004	0,011	0,132	FALSE
0,054	0,292	0,001	0,006	0,044	FALSE

0,157	0,283	0,006	0,011	0,240	FALSE
-0,123	0,292	-0,002	0,009	0,108	FALSE
0,155	0,279	0,003	0,007	0,204	FALSE
0,048	0,293	0,002	0,013	0,051	FALSE
-0,083	0,296	-0,001	0,008	0,032	FALSE
-0,084	0,284	-0,001	0,008	0,025	FALSE
0,109	0,295	0,002	0,008	0,091	FALSE
-0,015	0,292	0,001	0,008	0,041	FALSE
-0,033	0,293	-0,002	0,008	0,085	FALSE
-0,144	0,285	-0,005	0,013	0,157	FALSE
0,069	0,285	0,002	0,010	0,061	FALSE
0,074	0,279	0,001	0,008	0,051	FALSE
-0,017	0,290	0,000	0,010	0,014	FALSE
0,029	0,280	0,003	0,013	0,081	FALSE
-0,043	0,299	0,000	0,008	0,010	FALSE
0,143	0,272	0,004	0,009	0,212	FALSE
-0,186	0,275	-0,006	0,008	0,340	FALSE
0,082	0,303	0,004	0,012	0,135	FALSE
-0,102	0,284	-0,003	0,012	0,105	FALSE
0,103	0,284	0,002	0,007	0,141	FALSE
-0,064	0,295	-0,003	0,008	0,125	FALSE
0,070	0,296	0,000	0,007	0,007	FALSE
-0,257	0,261	-0,010	0,012	0,409	FALSE
0,213	0,287	0,004	0,010	0,163	FALSE
-0,058	0,269	-0,002	0,007	0,127	FALSE
-0,179	0,269	-0,005	0,009	0,226	FALSE
0,004	0,295	-0,002	0,011	0,070	FALSE
-0,049	0,297	-0,002	0,012	0,072	FALSE
-0,018	0,291	0,000	0,012	0,008	FALSE
-0,060	0,303	-0,001	0,010	0,036	FALSE
0,048	0,271	0,001	0,010	0,037	FALSE
-0,048	0,281	-0,004	0,013	0,125	FALSE
0,051	0,296	0,000	0,010	0,010	FALSE
-0,082	0,294	-0,004	0,013	0,112	FALSE
0,048	0,298	0,001	0,008	0,059	FALSE
0,070	0,292	0,000	0,007	0,022	FALSE
0,087	0,277	0,001	0,007	0,072	FALSE
0,072	0,301	0,003	0,013	0,095	FALSE
-0,060	0,274	-0,001	0,007	0,051	FALSE
-0,011	0,278	0,000	0,009	0,013	FALSE
0,005	0,268	0,001	0,008	0,061	FALSE
-0,004	0,298	-0,001	0,009	0,032	FALSE
-0,035	0,279	0,000	0,006	0,000	FALSE
-0,016	0,281	0,002	0,012	0,050	FALSE
0,112	0,281	0,002	0,008	0,107	FALSE
0,059	0,272	0,003	0,008	0,158	FALSE
0,047	0,294	0,003	0,008	0,124	FALSE
0,034	0,294	0,000	0,007	0,010	FALSE
0,059	0,284	0,003	0,008	0,149	FALSE
0,112	0,288	0,006	0,012	0,185	FALSE
-0,090	0,294	-0,005	0,013	0,150	FALSE
-0,084	0,281	-0,001	0,006	0,063	FALSE
0,079	0,279	0,003	0,006	0,173	FALSE

-0,005	0,294	0,000	0,010	0,016	FALSE
-0,059	0,295	-0,002	0,012	0,072	FALSE
-0,044	0,294	-0,002	0,009	0,072	FALSE
-0,195	0,269	-0,006	0,009	0,278	FALSE
-0,181	0,291	-0,004	0,008	0,243	FALSE
-0,052	0,291	-0,002	0,012	0,056	FALSE
0,214	0,284	0,009	0,013	0,312	FALSE
0,095	0,285	0,002	0,013	0,068	FALSE
-0,063	0,291	-0,004	0,010	0,137	FALSE
0,153	0,280	0,004	0,011	0,140	FALSE
0,116	0,294	0,002	0,012	0,063	FALSE
0,133	0,281	0,002	0,011	0,068	FALSE
-0,022	0,284	0,001	0,010	0,030	FALSE
0,073	0,282	0,000	0,011	0,016	FALSE
-0,003	0,295	0,000	0,010	0,007	FALSE
0,008	0,288	0,000	0,010	0,001	FALSE
0,050	0,293	0,000	0,009	0,011	FALSE
0,018	0,297	0,000	0,009	0,000	FALSE
0,000	0,286	-0,002	0,008	0,090	FALSE
0,049	0,290	0,001	0,010	0,044	FALSE
0,020	0,298	0,000	0,008	0,023	FALSE
0,026	0,295	0,000	0,007	0,020	FALSE
0,053	0,299	0,000	0,009	0,009	FALSE
-0,001	0,282	-0,001	0,012	0,015	FALSE
-0,007	0,278	0,000	0,008	0,020	FALSE
-0,066	0,297	-0,003	0,011	0,123	FALSE
0,009	0,293	0,001	0,011	0,024	FALSE
0,015	0,291	0,001	0,012	0,033	FALSE
-0,074	0,300	-0,003	0,011	0,115	FALSE
0,040	0,290	0,002	0,013	0,042	FALSE
-0,061	0,297	-0,003	0,011	0,114	FALSE
-0,018	0,288	0,000	0,011	0,002	FALSE
0,042	0,287	-0,001	0,009	0,028	FALSE
-0,048	0,301	-0,001	0,007	0,054	FALSE
-0,003	0,288	0,001	0,010	0,028	FALSE
0,022	0,288	0,001	0,008	0,027	FALSE
-0,039	0,302	-0,004	0,012	0,129	FALSE
0,002	0,292	-0,002	0,010	0,063	FALSE
0,105	0,289	0,002	0,008	0,077	FALSE
-0,068	0,295	-0,003	0,008	0,132	FALSE
-0,110	0,281	-0,004	0,008	0,212	FALSE
-0,084	0,276	-0,003	0,008	0,175	FALSE
-0,026	0,290	-0,001	0,009	0,040	FALSE
0,096	0,287	0,004	0,012	0,140	FALSE
-0,123	0,290	-0,003	0,007	0,135	FALSE
-0,093	0,295	-0,002	0,008	0,112	FALSE
0,042	0,288	0,001	0,008	0,047	FALSE
0,137	0,288	0,007	0,011	0,271	FALSE
-0,122	0,280	-0,006	0,012	0,229	FALSE
0,034	0,296	0,001	0,007	0,065	FALSE
-0,035	0,300	0,000	0,009	0,004	FALSE
0,060	0,287	0,002	0,010	0,073	FALSE
-0,067	0,283	-0,001	0,009	0,058	FALSE

-0,132	0,278	-0,003	0,010	0,118	FALSE
-0,055	0,271	-0,002	0,009	0,105	FALSE
0,075	0,286	0,001	0,011	0,036	FALSE
0,132	0,278	0,008	0,012	0,294	FALSE
0,045	0,293	0,002	0,010	0,064	FALSE
-0,044	0,294	-0,001	0,008	0,040	FALSE
-0,064	0,277	-0,002	0,008	0,123	FALSE
0,078	0,285	0,003	0,012	0,102	FALSE
0,131	0,291	0,004	0,012	0,140	FALSE
0,110	0,284	0,004	0,011	0,130	FALSE
0,026	0,281	0,000	0,006	0,003	FALSE
0,009	0,300	-0,001	0,008	0,047	FALSE
-0,070	0,282	-0,003	0,011	0,097	FALSE
-0,013	0,295	0,000	0,009	0,005	FALSE
0,007	0,303	0,001	0,009	0,025	FALSE
0,075	0,289	0,001	0,007	0,070	FALSE
-0,047	0,299	0,000	0,007	0,004	FALSE
0,112	0,285	0,003	0,011	0,106	FALSE
0,018	0,291	0,001	0,008	0,067	FALSE
-0,011	0,298	0,001	0,008	0,037	FALSE
-0,002	0,281	0,001	0,008	0,049	FALSE
-0,012	0,299	0,001	0,008	0,033	FALSE
0,036	0,288	0,001	0,007	0,070	FALSE
0,072	0,288	0,003	0,010	0,107	FALSE
0,211	0,289	0,005	0,008	0,325	FALSE
-0,071	0,303	-0,002	0,008	0,101	FALSE
-0,086	0,279	-0,003	0,011	0,094	FALSE
-0,123	0,283	-0,005	0,012	0,162	FALSE
-0,182	0,286	-0,006	0,010	0,227	FALSE
-0,073	0,279	-0,001	0,007	0,072	FALSE
-0,066	0,287	-0,003	0,008	0,152	FALSE
0,128	0,283	0,004	0,013	0,111	FALSE
-0,016	0,306	-0,001	0,009	0,022	FALSE
0,010	0,286	0,000	0,009	0,009	FALSE
-0,123	0,279	-0,002	0,006	0,113	FALSE
0,014	0,298	0,000	0,010	0,006	FALSE
0,096	0,268	0,004	0,011	0,136	FALSE
-0,074	0,292	-0,002	0,008	0,091	FALSE
0,109	0,289	0,005	0,012	0,160	FALSE
-0,082	0,289	-0,003	0,012	0,108	FALSE
0,107	0,289	0,004	0,013	0,139	FALSE
0,009	0,290	0,001	0,007	0,045	FALSE
-0,009	0,296	-0,001	0,013	0,014	FALSE
0,012	0,291	0,002	0,010	0,067	FALSE
-0,002	0,284	0,000	0,009	0,011	FALSE
0,051	0,290	0,001	0,009	0,021	FALSE
-0,017	0,284	-0,001	0,011	0,043	FALSE
-0,015	0,293	-0,001	0,007	0,027	FALSE
0,009	0,285	0,001	0,013	0,029	FALSE
0,022	0,290	0,002	0,013	0,047	FALSE
0,068	0,278	0,002	0,010	0,070	FALSE
-0,033	0,287	0,000	0,012	0,009	FALSE
-0,031	0,285	0,000	0,008	0,011	FALSE

-0,082	0,296	-0,002	0,007	0,082	FALSE
-0,012	0,291	0,001	0,010	0,040	FALSE
-0,136	0,293	-0,005	0,009	0,212	FALSE
0,158	0,283	0,006	0,010	0,263	FALSE
0,067	0,281	0,003	0,012	0,109	FALSE
0,058	0,292	0,002	0,006	0,093	FALSE
0,028	0,293	0,001	0,011	0,042	FALSE
0,029	0,285	0,002	0,008	0,103	FALSE
0,050	0,286	0,001	0,007	0,042	FALSE
0,052	0,279	0,002	0,010	0,067	FALSE
0,084	0,289	0,002	0,012	0,066	FALSE
0,025	0,285	0,003	0,009	0,103	FALSE
-0,072	0,291	-0,001	0,011	0,025	FALSE
0,084	0,290	0,003	0,012	0,112	FALSE
-0,125	0,286	-0,003	0,007	0,174	FALSE
0,030	0,296	0,000	0,010	0,006	FALSE
0,123	0,290	0,006	0,011	0,237	FALSE
0,067	0,291	0,004	0,011	0,140	FALSE
-0,145	0,280	-0,005	0,008	0,278	FALSE
0,098	0,290	0,003	0,011	0,094	FALSE
0,023	0,277	0,000	0,013	0,008	FALSE
-0,228	0,284	-0,006	0,008	0,350	FALSE
-0,177	0,285	-0,005	0,008	0,283	FALSE
-0,088	0,281	-0,003	0,013	0,091	FALSE
0,053	0,287	0,002	0,010	0,058	FALSE
0,041	0,292	0,001	0,012	0,042	FALSE
0,080	0,284	0,001	0,013	0,032	FALSE
0,131	0,274	0,003	0,012	0,084	FALSE
-0,097	0,291	-0,003	0,009	0,112	FALSE
0,028	0,292	0,002	0,013	0,054	FALSE
-0,135	0,276	-0,005	0,012	0,182	FALSE
0,010	0,285	-0,001	0,013	0,038	FALSE
-0,017	0,302	0,000	0,008	0,014	FALSE
0,033	0,292	0,001	0,008	0,041	FALSE
0,037	0,287	0,000	0,007	0,005	FALSE
0,079	0,283	0,001	0,010	0,034	FALSE
-0,020	0,296	-0,001	0,008	0,034	FALSE
0,085	0,286	0,000	0,007	0,001	FALSE
0,057	0,311	0,000	0,009	0,001	FALSE
-0,169	0,280	-0,003	0,007	0,166	FALSE
0,061	0,295	0,002	0,010	0,090	FALSE
-0,175	0,276	-0,004	0,009	0,188	FALSE
-0,140	0,276	-0,003	0,010	0,117	FALSE
0,062	0,297	0,001	0,008	0,042	FALSE
0,009	0,289	-0,001	0,009	0,049	FALSE
0,131	0,273	0,003	0,009	0,144	FALSE
-0,176	0,285	-0,004	0,009	0,186	FALSE
-0,067	0,297	-0,001	0,008	0,044	FALSE
-0,078	0,294	-0,001	0,008	0,055	FALSE
0,012	0,297	0,000	0,007	0,002	FALSE
-0,034	0,282	0,000	0,007	0,013	FALSE
0,058	0,295	0,002	0,010	0,055	FALSE
-0,169	0,289	-0,004	0,007	0,242	FALSE

-0,157	0,277	-0,002	0,006	0,160	FALSE
-0,012	0,291	-0,001	0,012	0,033	FALSE
0,085	0,287	0,001	0,012	0,019	FALSE
-0,066	0,290	-0,002	0,008	0,096	FALSE
0,180	0,273	0,004	0,007	0,226	FALSE
-0,005	0,302	-0,001	0,009	0,027	FALSE
0,131	0,288	0,003	0,007	0,188	FALSE
0,098	0,292	0,003	0,007	0,178	FALSE
0,040	0,271	0,005	0,012	0,189	FALSE
0,041	0,287	0,002	0,010	0,088	FALSE
-0,023	0,291	-0,001	0,012	0,016	FALSE
-0,063	0,282	0,000	0,012	0,007	FALSE
0,014	0,278	-0,001	0,006	0,058	FALSE
0,033	0,288	-0,001	0,007	0,027	FALSE
0,005	0,291	0,000	0,006	0,003	FALSE
0,096	0,298	0,004	0,009	0,164	FALSE
-0,021	0,281	-0,001	0,009	0,024	FALSE
-0,061	0,284	-0,002	0,008	0,095	FALSE
0,077	0,290	0,000	0,006	0,028	FALSE
-0,007	0,299	-0,002	0,010	0,059	FALSE
0,141	0,289	0,003	0,008	0,129	FALSE
0,104	0,285	0,005	0,012	0,158	FALSE
0,034	0,291	0,000	0,012	0,004	FALSE
-0,065	0,294	-0,002	0,011	0,078	FALSE
-0,020	0,282	0,000	0,012	0,002	FALSE
-0,028	0,298	0,000	0,011	0,011	FALSE
-0,039	0,285	-0,001	0,012	0,031	FALSE
-0,055	0,298	-0,002	0,007	0,096	FALSE
-0,052	0,291	-0,002	0,012	0,046	FALSE
-0,067	0,320	-0,003	0,014	0,080	FALSE
-0,073	0,293	-0,004	0,013	0,127	FALSE
-0,028	0,299	0,000	0,012	0,012	FALSE
0,172	0,281	0,006	0,010	0,229	FALSE
0,103	0,295	0,003	0,012	0,105	FALSE
0,120	0,283	0,004	0,011	0,154	FALSE
-0,113	0,276	-0,004	0,012	0,139	FALSE
0,070	0,275	0,000	0,007	0,011	FALSE
-0,152	0,278	-0,002	0,008	0,125	FALSE
-0,045	0,294	-0,003	0,013	0,075	FALSE
0,122	0,291	0,002	0,007	0,104	FALSE
-0,054	0,288	-0,003	0,010	0,113	FALSE
-0,141	0,280	-0,004	0,010	0,173	FALSE
0,091	0,304	0,002	0,008	0,073	FALSE
0,051	0,308	0,001	0,008	0,056	FALSE
0,153	0,282	0,003	0,009	0,129	FALSE
-0,162	0,280	-0,004	0,007	0,204	FALSE
-0,099	0,293	-0,005	0,011	0,172	FALSE
-0,139	0,278	-0,004	0,008	0,213	FALSE
-0,011	0,280	-0,001	0,010	0,024	FALSE
0,061	0,278	0,001	0,009	0,028	FALSE
-0,004	0,295	0,000	0,007	0,018	FALSE
-0,071	0,273	-0,003	0,010	0,103	FALSE
0,059	0,282	0,001	0,008	0,051	FALSE

-0,150	0,278	-0,003	0,008	0,167	FALSE
-0,008	0,299	-0,001	0,008	0,040	FALSE
0,127	0,300	0,004	0,013	0,124	FALSE
0,118	0,270	0,003	0,011	0,112	FALSE
-0,055	0,308	-0,003	0,014	0,083	FALSE
0,002	0,294	-0,001	0,012	0,026	FALSE
-0,198	0,280	-0,008	0,013	0,272	FALSE
0,129	0,282	0,003	0,008	0,129	FALSE
-0,067	0,295	-0,002	0,011	0,084	FALSE
0,064	0,277	0,003	0,007	0,156	FALSE
-0,120	0,278	-0,002	0,006	0,139	FALSE
0,049	0,282	0,000	0,008	0,004	FALSE
0,060	0,296	0,003	0,009	0,109	FALSE
0,007	0,293	-0,001	0,012	0,024	FALSE
0,037	0,269	0,000	0,008	0,020	FALSE
0,164	0,277	0,006	0,010	0,248	FALSE
0,054	0,290	0,001	0,008	0,029	FALSE
-0,154	0,284	-0,006	0,010	0,248	FALSE
-0,193	0,286	-0,007	0,010	0,306	FALSE
-0,070	0,291	-0,003	0,010	0,108	FALSE
-0,033	0,292	-0,003	0,011	0,091	FALSE
-0,134	0,284	-0,004	0,010	0,177	FALSE
0,097	0,289	0,001	0,007	0,070	FALSE
-0,064	0,283	0,000	0,008	0,001	FALSE
-0,011	0,287	0,000	0,010	0,007	FALSE
-0,138	0,289	-0,003	0,012	0,087	FALSE
0,077	0,293	0,006	0,013	0,188	FALSE
0,245	0,275	0,008	0,009	0,407	FALSE
-0,017	0,287	0,000	0,007	0,009	FALSE
-0,085	0,279	0,000	0,010	0,002	FALSE
-0,036	0,297	-0,001	0,011	0,019	FALSE
0,049	0,298	0,002	0,007	0,081	FALSE
0,061	0,288	0,000	0,007	0,005	FALSE
0,022	0,290	0,000	0,009	0,009	FALSE
0,105	0,278	0,003	0,007	0,170	FALSE
0,083	0,278	0,000	0,007	0,021	FALSE
-0,036	0,283	-0,002	0,006	0,113	FALSE
0,052	0,297	0,001	0,007	0,046	FALSE
0,070	0,290	0,001	0,008	0,043	FALSE
0,152	0,282	0,004	0,007	0,222	FALSE
0,131	0,286	0,003	0,006	0,228	FALSE
-0,032	0,288	-0,001	0,013	0,024	FALSE
-0,154	0,290	-0,005	0,010	0,197	FALSE
0,004	0,293	0,000	0,008	0,003	FALSE
-0,078	0,289	-0,001	0,007	0,071	FALSE
-0,133	0,297	-0,005	0,012	0,178	FALSE
0,046	0,295	0,001	0,009	0,055	FALSE
0,084	0,286	0,003	0,013	0,076	FALSE
-0,093	0,289	-0,003	0,013	0,084	FALSE
-0,104	0,278	-0,005	0,012	0,178	FALSE
-0,028	0,301	0,000	0,012	0,014	FALSE
-0,093	0,290	-0,001	0,007	0,066	FALSE
0,031	0,299	0,001	0,013	0,031	FALSE

-0,127	0,285	-0,003	0,008	0,160	FALSE
0,146	0,285	0,004	0,009	0,161	FALSE
0,024	0,307	0,001	0,013	0,030	FALSE
0,036	0,278	0,002	0,009	0,101	FALSE
0,054	0,294	0,002	0,011	0,077	FALSE
-0,096	0,295	-0,005	0,013	0,149	FALSE
0,024	0,282	0,002	0,009	0,070	FALSE
-0,005	0,287	-0,001	0,009	0,060	FALSE
0,010	0,291	0,000	0,006	0,020	FALSE
-0,019	0,282	-0,002	0,011	0,073	FALSE
-0,091	0,289	-0,002	0,007	0,120	FALSE
-0,134	0,292	-0,002	0,007	0,085	FALSE
0,015	0,296	0,002	0,013	0,055	FALSE
-0,048	0,292	-0,002	0,008	0,083	FALSE
0,153	0,289	0,004	0,013	0,119	FALSE
-0,088	0,290	-0,002	0,013	0,065	FALSE
-0,084	0,298	-0,002	0,010	0,085	FALSE
0,038	0,286	0,001	0,010	0,033	FALSE
0,089	0,295	0,002	0,007	0,098	FALSE
0,037	0,297	0,002	0,013	0,053	FALSE
-0,066	0,302	-0,001	0,007	0,065	FALSE
0,015	0,301	0,001	0,009	0,027	FALSE
0,021	0,292	0,001	0,008	0,048	FALSE
-0,005	0,296	0,000	0,009	0,014	FALSE
-0,058	0,291	-0,004	0,008	0,183	FALSE
0,180	0,284	0,006	0,011	0,212	FALSE
0,140	0,283	0,004	0,007	0,229	FALSE
0,079	0,281	0,002	0,011	0,060	FALSE
-0,062	0,290	-0,002	0,013	0,049	FALSE
0,092	0,279	0,005	0,009	0,233	FALSE
0,014	0,288	0,000	0,009	0,003	FALSE
0,032	0,295	0,001	0,012	0,037	FALSE
0,085	0,275	0,002	0,011	0,051	FALSE
-0,065	0,279	-0,002	0,007	0,135	FALSE
0,073	0,299	0,002	0,009	0,074	FALSE
0,011	0,294	0,000	0,011	0,002	FALSE
-0,001	0,296	0,001	0,007	0,027	FALSE
0,059	0,299	0,001	0,013	0,039	FALSE
0,093	0,299	0,002	0,009	0,101	FALSE
0,066	0,287	0,002	0,009	0,094	FALSE
0,160	0,294	0,005	0,009	0,251	FALSE
0,068	0,302	0,001	0,007	0,042	FALSE
0,108	0,290	0,002	0,009	0,070	FALSE
-0,116	0,271	-0,002	0,007	0,091	FALSE
0,028	0,293	0,001	0,007	0,025	FALSE
-0,011	0,296	-0,001	0,011	0,022	FALSE
0,000	0,296	0,001	0,013	0,019	FALSE
-0,081	0,295	-0,003	0,009	0,119	FALSE
0,072	0,292	0,002	0,007	0,082	FALSE
0,078	0,285	0,002	0,007	0,088	FALSE
0,111	0,276	0,002	0,011	0,068	FALSE
0,042	0,287	0,000	0,010	0,004	FALSE
0,072	0,291	0,001	0,006	0,060	FALSE

-0,121	0,290	-0,003	0,008	0,132	FALSE
0,155	0,282	0,004	0,009	0,176	FALSE
0,121	0,298	0,003	0,009	0,138	FALSE
-0,246	0,268	-0,006	0,009	0,299	FALSE
-0,227	0,272	-0,005	0,009	0,248	FALSE
-0,050	0,292	-0,001	0,007	0,046	FALSE
0,151	0,287	0,003	0,009	0,130	FALSE
-0,069	0,283	0,000	0,013	0,014	FALSE
0,103	0,280	0,001	0,007	0,060	FALSE
-0,024	0,290	-0,001	0,012	0,024	FALSE
-0,093	0,278	-0,005	0,012	0,179	FALSE
-0,081	0,285	-0,007	0,012	0,263	FALSE
0,129	0,289	0,002	0,006	0,119	FALSE
0,063	0,294	0,002	0,013	0,058	FALSE
0,071	0,290	0,002	0,010	0,074	FALSE
0,037	0,299	0,000	0,011	0,013	FALSE
0,008	0,277	0,002	0,009	0,063	FALSE
0,020	0,289	0,000	0,006	0,017	FALSE
0,014	0,305	0,001	0,010	0,040	FALSE
0,060	0,291	-0,001	0,008	0,029	FALSE
0,059	0,290	0,003	0,013	0,103	FALSE
0,028	0,287	0,002	0,009	0,068	FALSE
-0,099	0,283	-0,001	0,008	0,067	FALSE
0,056	0,312	0,002	0,013	0,056	FALSE
0,039	0,296	0,003	0,009	0,107	FALSE
-0,157	0,290	-0,004	0,007	0,239	FALSE
0,040	0,287	-0,002	0,009	0,082	FALSE
0,028	0,287	0,002	0,008	0,085	FALSE
-0,021	0,276	-0,001	0,006	0,089	FALSE
-0,072	0,287	-0,003	0,009	0,148	FALSE
0,145	0,283	0,004	0,010	0,161	FALSE
-0,151	0,290	-0,003	0,006	0,159	FALSE
-0,147	0,287	-0,002	0,007	0,147	FALSE
-0,148	0,273	-0,003	0,006	0,175	FALSE
-0,045	0,304	-0,002	0,007	0,096	FALSE
-0,147	0,292	-0,004	0,009	0,171	FALSE
-0,012	0,284	0,001	0,007	0,030	FALSE
0,068	0,293	0,003	0,012	0,098	FALSE
0,002	0,281	-0,001	0,007	0,073	FALSE
0,017	0,294	0,000	0,011	0,013	FALSE
0,071	0,297	0,000	0,013	0,013	FALSE
0,059	0,302	0,001	0,014	0,031	FALSE
-0,133	0,278	-0,002	0,011	0,081	FALSE
-0,103	0,279	-0,001	0,012	0,037	FALSE
-0,061	0,286	0,000	0,012	0,013	FALSE
-0,069	0,287	-0,001	0,009	0,056	FALSE
-0,094	0,289	-0,002	0,009	0,072	FALSE
-0,078	0,284	-0,001	0,009	0,061	FALSE
-0,078	0,294	-0,001	0,009	0,054	FALSE
-0,002	0,295	-0,001	0,009	0,021	FALSE
0,042	0,287	0,002	0,007	0,086	FALSE
-0,022	0,294	0,000	0,009	0,017	FALSE
-0,072	0,288	-0,002	0,010	0,086	FALSE

-0,050	0,287	-0,001	0,009	0,022	FALSE
-0,080	0,292	-0,001	0,009	0,050	FALSE
-0,058	0,288	0,000	0,008	0,020	FALSE
-0,101	0,290	-0,001	0,010	0,037	FALSE
-0,064	0,288	0,000	0,010	0,015	FALSE
-0,010	0,290	0,000	0,006	0,001	FALSE
-0,205	0,278	-0,005	0,009	0,212	FALSE
-0,147	0,276	-0,003	0,007	0,160	FALSE
-0,220	0,271	-0,005	0,009	0,251	FALSE
-0,080	0,285	0,000	0,008	0,019	FALSE
-0,140	0,281	-0,003	0,010	0,123	FALSE
-0,111	0,283	-0,002	0,010	0,096	FALSE
-0,047	0,289	-0,002	0,011	0,053	FALSE
-0,037	0,290	-0,002	0,010	0,065	FALSE
0,027	0,284	0,001	0,008	0,067	FALSE
-0,059	0,294	-0,003	0,010	0,110	FALSE
-0,043	0,286	-0,002	0,010	0,072	FALSE
-0,125	0,282	-0,003	0,011	0,104	FALSE
-0,004	0,295	-0,001	0,011	0,035	FALSE
-0,009	0,299	0,000	0,013	0,009	FALSE
0,021	0,292	0,002	0,013	0,046	FALSE
0,115	0,291	0,007	0,013	0,253	FALSE
-0,075	0,286	-0,003	0,012	0,113	FALSE
-0,070	0,285	-0,001	0,011	0,050	FALSE
-0,024	0,299	-0,002	0,011	0,053	FALSE
-0,098	0,308	-0,003	0,013	0,099	FALSE
-0,006	0,312	-0,001	0,010	0,022	FALSE
-0,054	0,288	0,000	0,010	0,008	FALSE
-0,036	0,287	0,001	0,011	0,041	FALSE
0,111	0,298	0,004	0,011	0,158	FALSE
-0,048	0,289	0,000	0,009	0,014	FALSE
-0,067	0,282	-0,001	0,007	0,033	FALSE
-0,001	0,294	0,000	0,011	0,002	FALSE
0,004	0,288	0,000	0,011	0,011	FALSE
-0,100	0,294	-0,001	0,007	0,075	FALSE
-0,089	0,279	-0,001	0,007	0,051	FALSE
-0,029	0,283	-0,001	0,010	0,036	FALSE
-0,025	0,287	-0,001	0,007	0,031	FALSE
-0,129	0,293	-0,002	0,009	0,096	FALSE
-0,004	0,294	0,000	0,007	0,023	FALSE
-0,010	0,283	0,001	0,007	0,027	FALSE
-0,081	0,293	-0,001	0,009	0,049	FALSE
-0,129	0,282	-0,004	0,010	0,164	FALSE
0,079	0,289	0,001	0,007	0,079	FALSE
-0,102	0,296	-0,003	0,010	0,129	FALSE
0,037	0,282	0,001	0,007	0,055	FALSE
-0,088	0,293	-0,004	0,013	0,111	FALSE
0,033	0,288	0,000	0,008	0,008	FALSE
0,100	0,277	0,003	0,011	0,123	FALSE
-0,141	0,275	-0,004	0,010	0,155	FALSE
0,002	0,290	0,000	0,009	0,012	FALSE
-0,124	0,289	-0,003	0,009	0,140	FALSE
-0,135	0,286	-0,003	0,008	0,149	FALSE

-0,148	0,292	-0,004	0,010	0,172	FALSE
-0,015	0,300	-0,001	0,013	0,028	FALSE
0,021	0,279	0,000	0,007	0,012	FALSE
0,019	0,299	0,001	0,013	0,021	FALSE
0,052	0,280	0,001	0,006	0,041	FALSE
0,064	0,298	0,003	0,008	0,123	FALSE
0,027	0,284	0,001	0,007	0,046	FALSE
-0,044	0,301	-0,003	0,013	0,095	FALSE
-0,016	0,287	-0,001	0,007	0,028	FALSE
-0,157	0,294	-0,003	0,008	0,161	FALSE
-0,172	0,283	-0,004	0,008	0,200	FALSE
0,156	0,285	0,003	0,008	0,164	FALSE
-0,017	0,297	0,000	0,007	0,013	FALSE
0,037	0,292	0,000	0,009	0,013	FALSE
-0,045	0,287	-0,001	0,008	0,048	FALSE
-0,015	0,295	-0,001	0,009	0,054	FALSE
0,111	0,278	0,004	0,010	0,158	FALSE
0,076	0,292	0,003	0,009	0,123	FALSE
-0,059	0,286	-0,002	0,011	0,081	FALSE
-0,045	0,279	-0,002	0,011	0,082	FALSE
-0,072	0,303	-0,003	0,011	0,102	FALSE
-0,036	0,301	-0,002	0,011	0,057	FALSE
0,018	0,304	-0,001	0,007	0,034	FALSE
-0,092	0,289	-0,003	0,012	0,084	FALSE
0,125	0,282	0,006	0,012	0,189	FALSE
0,035	0,290	-0,001	0,007	0,026	FALSE
0,084	0,281	0,004	0,008	0,194	TRUE
0,153	0,284	0,007	0,009	0,328	FALSE
0,055	0,294	0,002	0,012	0,067	FALSE
0,020	0,283	0,002	0,011	0,049	FALSE
-0,019	0,291	-0,001	0,010	0,034	FALSE
0,069	0,291	0,002	0,012	0,073	FALSE
0,038	0,291	0,002	0,011	0,077	FALSE
-0,057	0,289	-0,002	0,010	0,077	FALSE
-0,121	0,269	-0,004	0,011	0,131	FALSE
0,037	0,301	0,001	0,012	0,041	FALSE
0,062	0,296	0,002	0,012	0,058	FALSE
-0,005	0,284	0,000	0,013	0,013	FALSE
0,005	0,268	0,000	0,012	0,013	FALSE
-0,134	0,275	-0,005	0,011	0,176	FALSE
-0,062	0,272	-0,002	0,012	0,063	FALSE
-0,064	0,289	-0,002	0,012	0,065	FALSE
-0,052	0,274	-0,002	0,012	0,052	FALSE
-0,063	0,290	-0,002	0,013	0,058	FALSE
-0,074	0,290	-0,003	0,012	0,097	FALSE
-0,059	0,271	-0,002	0,012	0,073	FALSE
-0,107	0,284	-0,002	0,007	0,117	FALSE
-0,137	0,274	-0,004	0,012	0,109	FALSE
0,013	0,295	0,000	0,013	0,012	FALSE
0,023	0,285	0,000	0,006	0,016	FALSE
0,119	0,296	0,002	0,009	0,105	FALSE
-0,143	0,283	-0,004	0,011	0,134	FALSE
0,101	0,289	0,002	0,014	0,040	FALSE

-0,091	0,282	-0,003	0,007	0,145	FALSE
-0,121	0,296	-0,001	0,010	0,056	FALSE
-0,145	0,293	-0,004	0,007	0,226	FALSE
-0,036	0,281	-0,003	0,013	0,083	FALSE
0,029	0,273	0,000	0,012	0,011	FALSE
0,027	0,283	-0,001	0,009	0,035	FALSE
-0,036	0,272	0,000	0,007	0,004	FALSE
-0,145	0,284	-0,003	0,006	0,176	FALSE
0,053	0,270	0,001	0,011	0,023	FALSE
0,118	0,298	0,004	0,013	0,115	FALSE
0,063	0,286	0,002	0,009	0,075	FALSE
-0,001	0,278	-0,001	0,011	0,036	FALSE
0,063	0,287	0,003	0,011	0,088	FALSE
-0,010	0,293	0,000	0,013	0,004	FALSE
-0,126	0,263	-0,003	0,009	0,130	FALSE
-0,087	0,273	-0,002	0,010	0,065	FALSE
-0,151	0,288	-0,004	0,011	0,148	FALSE
-0,222	0,283	-0,010	0,011	0,433	FALSE
0,204	0,286	0,005	0,006	0,362	FALSE
-0,060	0,285	-0,001	0,011	0,023	FALSE
-0,092	0,293	-0,003	0,008	0,142	FALSE
-0,004	0,295	0,001	0,012	0,027	FALSE
0,179	0,294	0,005	0,012	0,172	FALSE
0,043	0,301	0,001	0,007	0,067	FALSE
-0,062	0,284	-0,003	0,012	0,093	FALSE
-0,106	0,297	-0,004	0,009	0,166	FALSE
0,055	0,292	0,003	0,011	0,091	FALSE
0,082	0,292	0,004	0,012	0,135	FALSE
0,111	0,300	0,005	0,012	0,179	FALSE
0,044	0,295	0,002	0,011	0,053	FALSE
0,008	0,301	0,001	0,012	0,015	FALSE
0,027	0,302	0,001	0,011	0,042	FALSE
0,109	0,290	0,003	0,009	0,145	FALSE
0,063	0,306	0,000	0,009	0,019	FALSE
-0,187	0,279	-0,005	0,009	0,235	FALSE
-0,224	0,271	-0,006	0,009	0,323	FALSE
0,078	0,279	0,002	0,011	0,070	FALSE
0,099	0,296	0,002	0,008	0,118	FALSE
-0,040	0,275	-0,002	0,007	0,121	FALSE
-0,082	0,291	-0,004	0,009	0,188	FALSE
0,020	0,291	0,001	0,012	0,020	FALSE
-0,007	0,287	0,000	0,006	0,005	FALSE
-0,045	0,292	0,000	0,013	0,011	FALSE
-0,039	0,288	-0,001	0,010	0,031	FALSE
-0,050	0,285	-0,001	0,013	0,017	FALSE
-0,121	0,288	-0,001	0,009	0,049	FALSE
-0,058	0,287	-0,001	0,013	0,033	FALSE
-0,056	0,285	0,000	0,013	0,013	FALSE
0,014	0,308	0,002	0,013	0,051	FALSE
0,022	0,302	0,000	0,012	0,001	FALSE
0,001	0,305	0,000	0,011	0,006	FALSE
0,064	0,295	0,001	0,011	0,045	FALSE
0,071	0,292	0,003	0,012	0,090	FALSE

-0,069	0,276	-0,003	0,012	0,083	FALSE
-0,113	0,266	-0,004	0,010	0,175	FALSE
-0,062	0,289	-0,002	0,007	0,078	FALSE
0,049	0,291	0,001	0,010	0,027	FALSE
0,079	0,300	0,001	0,012	0,038	FALSE
-0,029	0,289	-0,002	0,007	0,124	FALSE
-0,013	0,289	0,000	0,008	0,016	FALSE
-0,112	0,289	-0,002	0,007	0,128	FALSE
-0,059	0,281	-0,002	0,007	0,132	FALSE
0,053	0,298	0,001	0,010	0,033	FALSE
-0,019	0,298	0,001	0,007	0,036	FALSE
0,001	0,285	0,001	0,012	0,016	FALSE
0,124	0,294	0,003	0,008	0,167	FALSE
0,043	0,301	0,000	0,010	0,013	FALSE
-0,092	0,292	-0,004	0,012	0,134	FALSE
0,005	0,289	0,000	0,010	0,005	FALSE
-0,008	0,295	0,001	0,011	0,020	FALSE
-0,070	0,293	-0,002	0,012	0,049	FALSE
-0,095	0,285	-0,003	0,011	0,087	FALSE
-0,060	0,277	0,000	0,007	0,008	FALSE
0,082	0,289	0,001	0,011	0,045	FALSE
0,014	0,283	0,000	0,010	0,006	FALSE
-0,038	0,293	-0,001	0,008	0,034	FALSE
0,077	0,300	0,002	0,012	0,052	FALSE
0,007	0,301	0,000	0,012	0,010	FALSE
-0,028	0,291	0,000	0,007	0,006	FALSE
-0,044	0,282	-0,001	0,006	0,034	FALSE
-0,046	0,288	-0,001	0,006	0,046	FALSE
0,005	0,298	0,001	0,007	0,052	FALSE
0,147	0,289	0,006	0,011	0,227	FALSE
0,067	0,290	0,003	0,011	0,125	FALSE
-0,050	0,284	-0,004	0,013	0,113	FALSE
0,011	0,290	-0,002	0,010	0,057	FALSE
-0,035	0,276	-0,003	0,013	0,082	FALSE
0,105	0,278	0,003	0,007	0,157	FALSE
0,088	0,285	0,001	0,007	0,050	FALSE
-0,129	0,285	-0,003	0,007	0,150	FALSE
-0,112	0,292	-0,004	0,011	0,149	FALSE
-0,023	0,285	-0,003	0,010	0,129	FALSE
-0,058	0,286	-0,001	0,007	0,032	FALSE
0,006	0,292	0,000	0,007	0,012	FALSE
-0,048	0,283	0,000	0,007	0,000	FALSE
-0,053	0,296	-0,001	0,008	0,023	FALSE
0,000	0,293	0,000	0,012	0,002	FALSE
-0,083	0,294	-0,002	0,008	0,117	FALSE
-0,117	0,285	-0,003	0,011	0,105	FALSE
-0,114	0,289	-0,005	0,012	0,150	FALSE
-0,046	0,299	-0,001	0,008	0,060	FALSE
-0,073	0,292	-0,003	0,009	0,132	FALSE
-0,002	0,308	0,000	0,010	0,003	FALSE
0,055	0,287	0,000	0,013	0,005	FALSE
0,026	0,293	0,001	0,012	0,038	FALSE
0,056	0,285	0,002	0,011	0,076	FALSE

-0,032	0,298	0,000	0,007	0,023	FALSE
0,041	0,284	0,001	0,010	0,040	FALSE
0,034	0,294	0,002	0,009	0,082	FALSE
0,022	0,289	0,001	0,009	0,047	FALSE
0,039	0,290	0,002	0,009	0,080	FALSE
0,200	0,273	0,004	0,007	0,297	FALSE
0,163	0,284	0,005	0,009	0,235	FALSE
0,052	0,283	0,000	0,007	0,015	FALSE
0,038	0,303	0,000	0,008	0,014	FALSE
0,054	0,298	0,000	0,008	0,023	FALSE
0,145	0,286	0,003	0,009	0,130	FALSE
0,023	0,297	0,001	0,013	0,024	FALSE
0,129	0,296	0,003	0,008	0,168	FALSE
0,074	0,302	0,002	0,011	0,080	FALSE
-0,226	0,280	-0,005	0,008	0,273	FALSE
-0,223	0,266	-0,006	0,009	0,288	FALSE
0,126	0,294	0,002	0,007	0,088	FALSE
0,065	0,279	0,002	0,013	0,058	FALSE
0,143	0,285	0,004	0,010	0,155	FALSE
0,132	0,284	0,002	0,009	0,080	FALSE
0,126	0,283	0,002	0,008	0,071	FALSE
0,095	0,291	0,001	0,009	0,046	FALSE
-0,043	0,284	-0,002	0,010	0,075	FALSE
-0,029	0,283	0,001	0,006	0,031	FALSE
-0,003	0,291	0,000	0,010	0,009	FALSE
-0,067	0,287	-0,002	0,009	0,085	FALSE
0,118	0,298	0,002	0,007	0,080	FALSE
-0,017	0,293	0,003	0,011	0,088	FALSE
0,040	0,296	0,001	0,013	0,040	FALSE
0,106	0,303	0,004	0,013	0,129	FALSE
0,114	0,289	0,005	0,013	0,170	FALSE
0,003	0,292	0,000	0,009	0,006	FALSE
-0,005	0,293	-0,001	0,013	0,023	FALSE
0,103	0,306	0,003	0,008	0,165	FALSE
-0,039	0,281	-0,001	0,008	0,067	FALSE
-0,029	0,299	-0,001	0,012	0,035	FALSE
-0,010	0,291	0,000	0,008	0,017	FALSE
-0,056	0,282	-0,001	0,006	0,063	FALSE
-0,021	0,299	0,000	0,011	0,012	FALSE
0,033	0,282	0,003	0,012	0,099	FALSE
0,018	0,291	0,001	0,007	0,045	FALSE
0,001	0,286	0,001	0,010	0,019	FALSE
0,056	0,294	0,003	0,012	0,097	FALSE
-0,117	0,295	-0,002	0,007	0,117	FALSE
-0,129	0,277	-0,002	0,007	0,131	FALSE
0,014	0,279	0,001	0,007	0,057	FALSE
0,029	0,277	0,000	0,009	0,003	FALSE
0,040	0,282	0,001	0,008	0,057	FALSE
0,048	0,283	0,001	0,008	0,061	FALSE
0,055	0,287	0,002	0,010	0,058	FALSE
-0,195	0,289	-0,008	0,013	0,247	FALSE
-0,049	0,282	-0,003	0,011	0,119	FALSE
-0,139	0,280	-0,003	0,006	0,201	FALSE

-0,049	0,277	0,000	0,012	0,003	FALSE
0,129	0,285	0,003	0,008	0,164	FALSE
0,017	0,302	0,000	0,008	0,001	FALSE
0,030	0,295	0,001	0,011	0,028	FALSE
0,011	0,273	0,001	0,011	0,047	FALSE
0,112	0,304	0,002	0,007	0,114	FALSE
0,043	0,294	0,001	0,010	0,057	FALSE
0,132	0,291	0,005	0,011	0,181	FALSE
0,150	0,301	0,005	0,010	0,232	FALSE
-0,130	0,283	-0,003	0,007	0,212	FALSE
0,022	0,292	0,000	0,011	0,010	FALSE
-0,112	0,294	-0,002	0,009	0,101	FALSE
-0,129	0,283	-0,003	0,009	0,156	FALSE
-0,109	0,292	-0,003	0,009	0,142	FALSE
-0,124	0,271	-0,004	0,009	0,167	FALSE
-0,108	0,289	-0,004	0,013	0,110	FALSE
-0,008	0,280	-0,001	0,009	0,045	FALSE
0,086	0,286	0,002	0,006	0,150	FALSE
0,052	0,292	0,001	0,008	0,070	FALSE
-0,014	0,283	0,000	0,006	0,022	FALSE
-0,122	0,295	-0,005	0,010	0,227	FALSE
-0,075	0,300	-0,003	0,011	0,126	FALSE
-0,126	0,290	-0,005	0,010	0,231	FALSE
-0,033	0,289	-0,001	0,010	0,020	FALSE
0,101	0,301	0,002	0,007	0,117	FALSE
0,103	0,284	0,004	0,009	0,158	FALSE
0,038	0,303	0,000	0,007	0,009	FALSE
0,130	0,278	0,007	0,012	0,254	FALSE
0,136	0,268	0,008	0,012	0,285	FALSE
0,127	0,271	0,007	0,012	0,257	FALSE
0,079	0,287	0,004	0,012	0,137	FALSE
-0,058	0,289	0,000	0,009	0,008	FALSE
0,066	0,289	0,003	0,013	0,089	FALSE
-0,038	0,306	-0,001	0,008	0,035	FALSE
0,039	0,291	0,003	0,011	0,085	FALSE
0,108	0,287	0,002	0,007	0,143	FALSE
0,054	0,285	0,001	0,008	0,050	FALSE
0,046	0,286	0,001	0,008	0,026	FALSE
0,213	0,271	0,006	0,010	0,262	FALSE
-0,207	0,268	-0,006	0,010	0,269	FALSE
-0,076	0,287	-0,001	0,010	0,054	FALSE
-0,079	0,279	-0,004	0,012	0,115	FALSE
0,041	0,283	0,001	0,007	0,040	FALSE
0,019	0,297	0,002	0,012	0,072	FALSE
-0,105	0,291	-0,002	0,008	0,117	FALSE
-0,062	0,289	-0,001	0,013	0,029	FALSE
0,021	0,295	0,002	0,010	0,057	FALSE
-0,235	0,274	-0,007	0,010	0,298	FALSE
0,163	0,272	0,007	0,013	0,232	FALSE
-0,047	0,282	-0,002	0,009	0,108	FALSE
0,093	0,302	0,003	0,012	0,101	FALSE
-0,244	0,270	-0,006	0,008	0,398	FALSE
0,063	0,294	0,003	0,007	0,151	FALSE

0,028	0,288	0,001	0,013	0,023	FALSE
0,003	0,276	0,000	0,007	0,002	FALSE
0,091	0,282	0,003	0,013	0,077	FALSE
-0,085	0,297	-0,002	0,007	0,099	FALSE
-0,051	0,289	-0,001	0,010	0,045	FALSE
-0,044	0,289	-0,002	0,007	0,102	FALSE
0,100	0,289	0,004	0,013	0,125	FALSE
0,181	0,280	0,007	0,012	0,224	FALSE
0,060	0,282	0,002	0,007	0,101	FALSE
-0,059	0,290	-0,002	0,007	0,085	FALSE
0,049	0,294	0,003	0,013	0,077	FALSE
0,092	0,282	0,001	0,007	0,030	FALSE
0,034	0,291	0,001	0,008	0,061	FALSE
-0,017	0,314	-0,001	0,012	0,018	FALSE
-0,015	0,292	0,000	0,009	0,002	FALSE
-0,008	0,289	-0,001	0,012	0,036	FALSE
-0,157	0,282	-0,007	0,013	0,233	FALSE
-0,114	0,276	-0,002	0,007	0,102	FALSE
-0,128	0,275	-0,002	0,007	0,105	FALSE
0,077	0,275	0,001	0,007	0,044	FALSE
-0,029	0,284	-0,001	0,007	0,063	FALSE
0,049	0,296	0,001	0,009	0,059	FALSE
-0,123	0,283	-0,006	0,013	0,196	FALSE
-0,126	0,279	-0,004	0,009	0,161	FALSE
-0,147	0,294	-0,004	0,009	0,171	FALSE
-0,063	0,285	-0,001	0,006	0,088	FALSE
-0,129	0,287	-0,006	0,012	0,212	FALSE
0,002	0,298	0,000	0,013	0,002	FALSE
0,008	0,305	0,000	0,012	0,002	FALSE
0,057	0,296	0,001	0,007	0,057	FALSE
0,093	0,292	0,003	0,009	0,126	FALSE
-0,121	0,290	-0,005	0,012	0,165	FALSE
-0,107	0,274	-0,004	0,012	0,150	FALSE
-0,063	0,289	-0,004	0,013	0,107	FALSE
0,067	0,271	0,003	0,009	0,136	FALSE
-0,035	0,275	-0,001	0,010	0,038	FALSE
-0,067	0,290	-0,003	0,011	0,101	FALSE
0,064	0,280	0,002	0,012	0,054	FALSE
0,101	0,291	0,001	0,007	0,036	FALSE
0,055	0,297	0,001	0,011	0,033	FALSE
0,195	0,275	0,006	0,012	0,221	FALSE
0,228	0,281	0,006	0,009	0,267	FALSE
-0,044	0,297	-0,002	0,009	0,066	FALSE
0,127	0,282	0,001	0,007	0,079	FALSE
0,129	0,284	0,003	0,006	0,212	FALSE
-0,026	0,310	0,000	0,013	0,002	FALSE
-0,035	0,284	0,000	0,010	0,012	FALSE
-0,001	0,307	0,000	0,013	0,008	FALSE
-0,043	0,297	-0,001	0,009	0,029	FALSE
-0,080	0,289	-0,001	0,009	0,063	FALSE
0,077	0,305	0,004	0,013	0,130	FALSE
0,106	0,294	0,004	0,013	0,105	FALSE
0,033	0,294	-0,001	0,013	0,018	FALSE

-0,059	0,292	-0,003	0,010	0,141	FALSE
-0,027	0,309	-0,001	0,014	0,036	FALSE
0,154	0,289	0,005	0,010	0,207	FALSE
0,105	0,286	0,004	0,013	0,107	FALSE
-0,055	0,279	-0,002	0,009	0,105	FALSE
0,209	0,286	0,008	0,013	0,298	FALSE
0,081	0,296	0,002	0,010	0,097	FALSE
0,084	0,299	0,003	0,012	0,116	FALSE
0,070	0,294	0,003	0,012	0,105	FALSE
0,069	0,282	0,003	0,009	0,137	FALSE
-0,137	0,299	-0,006	0,014	0,171	FALSE
-0,133	0,298	-0,006	0,013	0,174	FALSE
-0,133	0,287	-0,004	0,011	0,135	FALSE
-0,037	0,295	-0,001	0,011	0,021	FALSE
-0,024	0,288	0,000	0,010	0,003	FALSE
0,058	0,293	0,002	0,011	0,082	FALSE
0,076	0,303	0,003	0,012	0,114	FALSE
-0,009	0,287	0,000	0,011	0,003	FALSE
-0,023	0,287	0,001	0,010	0,040	FALSE
0,023	0,285	0,002	0,008	0,098	FALSE
-0,078	0,292	-0,004	0,010	0,136	FALSE
-0,090	0,295	-0,004	0,011	0,131	FALSE
-0,082	0,294	-0,003	0,010	0,126	FALSE
0,015	0,305	0,001	0,012	0,018	FALSE
0,008	0,302	0,000	0,008	0,018	FALSE
-0,040	0,299	-0,002	0,007	0,083	FALSE
-0,014	0,276	-0,002	0,007	0,088	FALSE
-0,031	0,295	-0,002	0,007	0,087	FALSE
-0,001	0,296	-0,001	0,007	0,030	FALSE
-0,067	0,289	-0,001	0,007	0,053	FALSE
-0,056	0,282	-0,001	0,007	0,029	FALSE
0,091	0,284	0,002	0,007	0,118	FALSE
0,151	0,295	0,007	0,012	0,241	FALSE
0,037	0,290	0,002	0,012	0,050	FALSE
0,019	0,289	0,002	0,010	0,087	FALSE
-0,017	0,298	0,000	0,013	0,011	FALSE
0,097	0,280	0,002	0,009	0,064	FALSE
-0,156	0,283	-0,002	0,006	0,156	FALSE
-0,029	0,292	0,000	0,008	0,010	FALSE
-0,030	0,296	0,000	0,008	0,005	FALSE
0,061	0,292	0,002	0,007	0,106	FALSE
-0,081	0,281	-0,005	0,012	0,172	FALSE
-0,109	0,270	-0,004	0,008	0,226	FALSE
-0,071	0,283	-0,001	0,007	0,072	FALSE
-0,045	0,296	-0,001	0,008	0,028	FALSE
0,067	0,294	0,003	0,009	0,132	FALSE
-0,036	0,288	-0,001	0,012	0,038	FALSE
-0,094	0,287	-0,005	0,013	0,147	FALSE
0,058	0,272	-0,001	0,010	0,027	FALSE
-0,034	0,298	-0,001	0,007	0,041	FALSE
0,028	0,296	0,000	0,013	0,009	FALSE
-0,068	0,296	-0,001	0,008	0,057	FALSE
0,070	0,295	0,003	0,011	0,098	FALSE

0,030	0,288	0,001	0,007	0,028	FALSE
-0,120	0,286	-0,003	0,011	0,101	FALSE
0,039	0,300	0,001	0,012	0,042	FALSE
0,035	0,288	0,002	0,008	0,074	FALSE
-0,014	0,293	0,001	0,011	0,036	FALSE
-0,045	0,273	-0,004	0,012	0,137	FALSE
-0,018	0,273	-0,001	0,009	0,058	FALSE
0,018	0,287	-0,001	0,009	0,035	FALSE
0,075	0,295	0,005	0,013	0,163	FALSE
-0,060	0,303	-0,001	0,013	0,022	FALSE
-0,044	0,291	0,000	0,013	0,003	FALSE
-0,045	0,288	0,000	0,013	0,001	FALSE
-0,063	0,288	-0,001	0,013	0,017	FALSE
0,099	0,286	0,001	0,012	0,041	FALSE
-0,095	0,306	-0,004	0,012	0,138	FALSE
-0,074	0,277	-0,002	0,013	0,054	FALSE
0,058	0,312	0,001	0,007	0,062	FALSE
0,057	0,305	0,002	0,007	0,079	FALSE
0,119	0,293	0,003	0,007	0,177	FALSE
0,079	0,293	0,003	0,013	0,096	FALSE
0,050	0,270	0,002	0,008	0,075	FALSE
0,019	0,296	0,000	0,008	0,009	FALSE
-0,038	0,291	-0,001	0,009	0,046	FALSE
0,007	0,293	-0,001	0,013	0,031	FALSE
0,046	0,295	0,001	0,007	0,030	FALSE
-0,028	0,291	-0,002	0,009	0,064	FALSE
-0,029	0,292	-0,001	0,007	0,060	FALSE
-0,039	0,296	-0,002	0,013	0,061	FALSE
0,026	0,294	0,001	0,010	0,022	FALSE
0,024	0,299	0,001	0,013	0,025	FALSE
-0,050	0,290	-0,002	0,007	0,132	FALSE
-0,006	0,299	0,000	0,008	0,003	FALSE
0,086	0,292	0,003	0,013	0,087	FALSE
-0,085	0,281	-0,002	0,013	0,059	FALSE
-0,078	0,282	-0,001	0,013	0,031	FALSE
-0,075	0,274	-0,001	0,013	0,035	FALSE
-0,054	0,282	-0,001	0,013	0,018	FALSE
0,016	0,288	-0,001	0,009	0,044	FALSE
-0,038	0,282	-0,002	0,010	0,059	FALSE
-0,029	0,300	-0,002	0,011	0,055	FALSE
0,099	0,281	0,002	0,010	0,097	FALSE
0,029	0,286	0,001	0,006	0,059	FALSE
0,028	0,288	-0,001	0,007	0,029	FALSE
0,084	0,287	0,004	0,012	0,128	FALSE
0,025	0,288	0,002	0,012	0,047	FALSE
0,056	0,294	0,002	0,012	0,077	FALSE
0,064	0,300	0,002	0,007	0,086	FALSE
0,093	0,282	0,002	0,013	0,054	FALSE
-0,150	0,291	-0,006	0,010	0,238	FALSE
0,149	0,275	0,003	0,008	0,181	FALSE
-0,226	0,281	-0,006	0,009	0,288	FALSE
0,041	0,291	0,001	0,007	0,075	FALSE
0,078	0,298	0,003	0,013	0,083	FALSE

-0,116	0,289	-0,003	0,007	0,177	FALSE
-0,046	0,274	0,000	0,008	0,013	FALSE
-0,045	0,283	-0,002	0,008	0,074	FALSE
0,031	0,290	0,002	0,013	0,069	FALSE
-0,089	0,291	-0,003	0,008	0,124	FALSE
-0,007	0,289	0,000	0,008	0,014	FALSE
0,156	0,263	0,006	0,010	0,278	FALSE
0,047	0,296	0,003	0,013	0,078	FALSE
-0,108	0,287	-0,003	0,009	0,156	FALSE
0,085	0,289	0,003	0,008	0,121	FALSE
-0,099	0,294	-0,003	0,013	0,093	FALSE
0,045	0,286	0,001	0,010	0,039	FALSE
0,018	0,285	0,000	0,010	0,004	FALSE
-0,147	0,287	-0,005	0,012	0,167	FALSE
-0,189	0,298	-0,006	0,011	0,249	FALSE
-0,181	0,279	-0,004	0,011	0,157	FALSE
-0,156	0,288	-0,004	0,011	0,148	FALSE
-0,014	0,296	0,001	0,012	0,029	FALSE
-0,039	0,302	-0,003	0,011	0,097	FALSE
0,001	0,285	0,000	0,007	0,006	FALSE
-0,137	0,291	-0,005	0,012	0,176	FALSE
-0,133	0,278	-0,005	0,011	0,170	FALSE
-0,131	0,283	-0,005	0,012	0,159	FALSE
-0,129	0,270	-0,004	0,011	0,171	FALSE
-0,051	0,300	-0,002	0,010	0,064	FALSE
-0,076	0,284	-0,002	0,009	0,100	FALSE
0,020	0,292	0,002	0,013	0,044	FALSE
-0,004	0,290	-0,001	0,013	0,016	FALSE
-0,012	0,279	-0,002	0,010	0,059	FALSE
0,039	0,298	0,002	0,013	0,053	FALSE
0,009	0,301	-0,001	0,013	0,038	FALSE
-0,089	0,292	-0,001	0,007	0,057	FALSE
0,041	0,289	0,001	0,009	0,027	FALSE
0,009	0,301	0,000	0,009	0,019	FALSE
0,093	0,291	0,001	0,007	0,039	FALSE
0,056	0,283	0,002	0,008	0,091	FALSE
-0,126	0,281	-0,003	0,006	0,192	FALSE
-0,013	0,299	0,000	0,009	0,011	FALSE
-0,020	0,290	0,000	0,009	0,010	FALSE
0,002	0,301	0,000	0,008	0,004	FALSE
-0,124	0,278	-0,005	0,012	0,161	FALSE
0,097	0,293	0,002	0,010	0,059	FALSE
-0,144	0,277	-0,004	0,012	0,117	FALSE
-0,066	0,289	-0,002	0,011	0,055	TRUE
-0,095	0,288	-0,001	0,008	0,040	FALSE
-0,127	0,297	-0,003	0,013	0,071	FALSE
-0,116	0,285	-0,003	0,011	0,105	FALSE
-0,120	0,287	-0,003	0,013	0,077	FALSE
0,064	0,304	0,000	0,013	0,009	FALSE
0,025	0,275	0,000	0,011	0,001	FALSE
0,186	0,267	0,003	0,007	0,186	FALSE
-0,083	0,288	-0,001	0,007	0,052	FALSE
-0,056	0,284	-0,002	0,012	0,047	FALSE

-0,138	0,290	-0,005	0,013	0,171	FALSE
0,084	0,297	0,003	0,009	0,132	FALSE
-0,183	0,279	-0,006	0,009	0,278	FALSE
0,128	0,279	0,007	0,011	0,258	FALSE
0,061	0,295	0,001	0,008	0,034	FALSE
-0,015	0,300	0,000	0,013	0,005	FALSE
-0,106	0,287	-0,003	0,009	0,148	FALSE
0,107	0,293	0,002	0,008	0,120	FALSE
-0,027	0,291	-0,001	0,012	0,038	FALSE
0,043	0,299	0,000	0,009	0,017	FALSE
0,046	0,273	0,000	0,006	0,005	FALSE
-0,098	0,287	-0,003	0,010	0,119	FALSE
-0,103	0,288	-0,002	0,013	0,066	FALSE
-0,012	0,307	-0,001	0,009	0,043	FALSE
0,052	0,303	0,001	0,009	0,041	FALSE
0,135	0,283	0,005	0,009	0,211	FALSE
-0,021	0,273	0,001	0,008	0,070	FALSE
0,111	0,296	0,004	0,009	0,172	FALSE
-0,011	0,300	-0,002	0,009	0,062	FALSE
-0,134	0,282	-0,006	0,009	0,256	FALSE
-0,115	0,292	-0,003	0,011	0,106	FALSE
0,007	0,290	0,000	0,008	0,012	FALSE
-0,047	0,298	-0,002	0,010	0,071	FALSE
0,098	0,303	0,004	0,013	0,103	FALSE
0,146	0,283	0,004	0,007	0,265	FALSE
-0,054	0,289	-0,001	0,007	0,027	FALSE
-0,005	0,285	-0,001	0,007	0,027	FALSE
0,075	0,291	0,002	0,010	0,083	FALSE
-0,023	0,296	-0,001	0,007	0,074	FALSE
-0,156	0,288	-0,007	0,011	0,255	FALSE
-0,200	0,282	-0,008	0,011	0,314	FALSE
0,001	0,293	0,002	0,013	0,044	FALSE
-0,067	0,297	-0,002	0,009	0,074	FALSE
-0,046	0,288	-0,001	0,010	0,044	FALSE
0,021	0,291	0,000	0,009	0,001	FALSE
-0,118	0,294	-0,002	0,006	0,104	FALSE
-0,039	0,293	-0,003	0,011	0,119	FALSE
-0,124	0,287	-0,008	0,013	0,260	FALSE
0,167	0,295	0,007	0,013	0,244	FALSE
-0,041	0,288	0,001	0,012	0,043	FALSE
0,105	0,291	0,005	0,012	0,172	FALSE
0,185	0,279	0,005	0,006	0,391	FALSE
0,032	0,291	0,003	0,012	0,105	FALSE
-0,131	0,296	-0,005	0,010	0,207	FALSE
-0,133	0,280	-0,005	0,009	0,242	FALSE
0,083	0,308	0,003	0,009	0,139	FALSE
0,112	0,300	0,003	0,008	0,168	FALSE
-0,088	0,295	-0,003	0,008	0,143	FALSE
-0,062	0,290	-0,001	0,007	0,041	FALSE
0,056	0,284	0,003	0,009	0,118	FALSE
-0,059	0,289	0,000	0,011	0,011	FALSE
0,089	0,286	0,001	0,008	0,031	FALSE
0,001	0,301	0,002	0,010	0,076	FALSE

-0,072	0,295	-0,002	0,013	0,053	FALSE
0,041	0,304	0,003	0,013	0,076	FALSE
0,128	0,274	0,003	0,007	0,154	FALSE
0,046	0,278	0,000	0,011	0,011	FALSE
-0,049	0,286	-0,001	0,010	0,022	FALSE
-0,056	0,286	-0,001	0,010	0,018	FALSE
0,148	0,276	0,006	0,010	0,239	FALSE
0,031	0,282	0,002	0,011	0,050	FALSE
-0,103	0,282	-0,006	0,012	0,223	FALSE
-0,049	0,299	-0,003	0,013	0,074	FALSE
0,019	0,288	0,001	0,009	0,044	FALSE
-0,037	0,284	0,000	0,008	0,004	FALSE
-0,113	0,289	-0,002	0,010	0,090	FALSE
0,019	0,297	0,000	0,007	0,002	FALSE
0,161	0,299	0,002	0,007	0,137	FALSE
0,054	0,279	0,003	0,010	0,117	FALSE
-0,176	0,276	-0,003	0,008	0,167	FALSE
0,041	0,283	0,004	0,011	0,158	FALSE
0,105	0,291	0,003	0,008	0,133	FALSE
-0,019	0,299	0,000	0,007	0,001	FALSE
-0,110	0,302	-0,002	0,007	0,143	FALSE
-0,162	0,278	-0,004	0,007	0,239	FALSE
0,125	0,280	0,001	0,007	0,046	FALSE
-0,060	0,292	-0,001	0,010	0,023	FALSE
-0,033	0,292	-0,001	0,007	0,028	FALSE
-0,057	0,291	-0,004	0,009	0,165	FALSE
-0,074	0,280	-0,001	0,009	0,064	FALSE
-0,082	0,282	-0,002	0,009	0,079	FALSE
0,160	0,279	0,004	0,007	0,287	FALSE
0,042	0,274	0,001	0,006	0,038	FALSE
0,038	0,299	0,000	0,009	0,006	FALSE
-0,010	0,284	-0,001	0,010	0,026	FALSE
-0,041	0,295	-0,005	0,013	0,153	FALSE
0,008	0,301	0,001	0,009	0,032	FALSE
-0,007	0,302	-0,001	0,009	0,025	FALSE
-0,028	0,282	-0,003	0,011	0,106	FALSE
-0,078	0,287	-0,002	0,007	0,103	FALSE
0,019	0,313	0,000	0,013	0,012	FALSE
0,037	0,289	-0,001	0,013	0,030	FALSE
0,031	0,274	-0,002	0,012	0,044	FALSE
-0,019	0,306	0,000	0,013	0,004	FALSE
0,017	0,291	0,002	0,011	0,059	FALSE
0,030	0,284	0,003	0,013	0,076	FALSE
-0,163	0,285	-0,003	0,012	0,107	FALSE
-0,098	0,290	-0,003	0,008	0,135	FALSE
-0,011	0,289	-0,001	0,007	0,049	FALSE
-0,010	0,290	-0,001	0,007	0,063	FALSE
-0,009	0,293	0,001	0,009	0,023	FALSE
-0,112	0,292	-0,004	0,012	0,125	FALSE
0,129	0,290	0,004	0,011	0,160	FALSE
0,068	0,283	0,002	0,011	0,066	FALSE
0,056	0,299	0,002	0,012	0,061	FALSE
0,036	0,292	0,000	0,011	0,008	FALSE

0,071	0,301	0,001	0,010	0,037	FALSE
0,065	0,274	0,001	0,013	0,023	FALSE
0,121	0,280	0,003	0,006	0,195	FALSE
-0,019	0,288	0,000	0,011	0,015	FALSE
-0,039	0,293	-0,001	0,012	0,017	FALSE
-0,067	0,294	-0,003	0,007	0,167	FALSE
0,138	0,289	0,006	0,011	0,244	FALSE
0,220	0,293	0,005	0,006	0,342	FALSE
0,167	0,286	0,007	0,011	0,299	FALSE
0,129	0,285	0,002	0,007	0,099	FALSE
0,134	0,281	0,007	0,012	0,248	FALSE
0,077	0,304	0,003	0,013	0,095	FALSE
0,064	0,291	0,000	0,009	0,009	FALSE
0,022	0,283	0,002	0,011	0,066	FALSE
0,008	0,310	0,000	0,009	0,016	FALSE
-0,064	0,276	-0,002	0,009	0,074	FALSE
-0,131	0,283	-0,004	0,012	0,112	FALSE
-0,137	0,289	-0,004	0,013	0,122	FALSE
-0,110	0,280	-0,002	0,007	0,099	FALSE
0,059	0,290	0,003	0,012	0,112	FALSE
0,061	0,286	0,003	0,012	0,112	FALSE
-0,004	0,285	0,001	0,011	0,030	FALSE
0,046	0,294	0,002	0,006	0,092	FALSE
-0,010	0,287	0,001	0,013	0,013	FALSE
0,045	0,289	0,000	0,008	0,002	FALSE
0,027	0,289	-0,001	0,008	0,024	FALSE
0,046	0,288	0,000	0,008	0,003	FALSE
-0,057	0,281	0,000	0,012	0,012	FALSE
0,003	0,286	0,002	0,007	0,086	FALSE
-0,028	0,303	-0,003	0,012	0,110	FALSE
0,059	0,285	0,001	0,010	0,049	FALSE
0,113	0,296	0,003	0,013	0,090	FALSE
0,077	0,303	0,002	0,013	0,046	FALSE
0,081	0,288	0,004	0,010	0,138	FALSE
0,175	0,300	0,006	0,014	0,192	FALSE
0,067	0,284	0,003	0,008	0,169	FALSE
-0,156	0,275	-0,007	0,010	0,319	FALSE
0,094	0,280	0,001	0,006	0,076	FALSE
0,013	0,296	-0,001	0,007	0,035	FALSE
-0,092	0,272	-0,002	0,006	0,133	FALSE
0,028	0,302	0,002	0,012	0,061	FALSE
-0,141	0,275	-0,005	0,012	0,167	FALSE
0,091	0,299	0,001	0,008	0,054	FALSE
0,119	0,291	0,002	0,008	0,101	FALSE
0,050	0,292	0,002	0,006	0,092	FALSE
-0,073	0,286	-0,002	0,008	0,079	FALSE
0,026	0,296	0,003	0,010	0,104	FALSE
-0,065	0,288	-0,001	0,012	0,016	FALSE
-0,090	0,299	-0,002	0,007	0,126	FALSE
-0,173	0,284	-0,002	0,006	0,157	FALSE
-0,165	0,287	-0,003	0,007	0,161	FALSE
-0,211	0,270	-0,004	0,007	0,227	FALSE
0,033	0,281	0,000	0,010	0,004	FALSE

0,016	0,298	0,001	0,006	0,030	FALSE
-0,037	0,294	-0,001	0,008	0,044	FALSE
-0,051	0,288	-0,001	0,012	0,026	FALSE
0,131	0,282	0,004	0,010	0,156	FALSE
-0,102	0,287	-0,003	0,006	0,170	FALSE
-0,007	0,285	-0,001	0,008	0,067	FALSE
0,062	0,285	0,000	0,006	0,023	FALSE
0,218	0,286	0,004	0,009	0,212	FALSE
0,017	0,300	-0,001	0,013	0,024	FALSE
0,046	0,303	0,002	0,010	0,056	FALSE
0,036	0,293	0,001	0,011	0,028	FALSE
-0,049	0,288	-0,003	0,013	0,079	FALSE
-0,046	0,290	0,000	0,006	0,004	FALSE
-0,047	0,299	-0,002	0,010	0,077	FALSE
-0,098	0,279	-0,005	0,011	0,178	FALSE
-0,020	0,295	0,001	0,012	0,016	FALSE
0,029	0,300	-0,001	0,010	0,022	FALSE
0,001	0,285	-0,002	0,012	0,064	FALSE
-0,029	0,290	-0,003	0,011	0,095	FALSE
-0,036	0,295	-0,003	0,012	0,086	FALSE
-0,028	0,304	-0,003	0,012	0,088	FALSE
-0,136	0,301	-0,005	0,010	0,203	FALSE
-0,022	0,281	-0,003	0,011	0,098	FALSE
0,012	0,290	-0,001	0,008	0,029	FALSE
0,005	0,302	0,002	0,012	0,054	FALSE
-0,128	0,287	-0,003	0,007	0,196	FALSE
-0,139	0,277	-0,003	0,008	0,157	FALSE
0,052	0,303	0,001	0,010	0,032	FALSE
0,069	0,280	0,002	0,007	0,133	FALSE
0,066	0,278	0,002	0,007	0,113	FALSE
0,077	0,286	0,002	0,007	0,113	FALSE
0,044	0,292	0,002	0,008	0,080	FALSE
-0,041	0,294	-0,001	0,007	0,056	FALSE
-0,006	0,282	0,002	0,012	0,072	FALSE
0,070	0,292	0,000	0,008	0,007	FALSE
-0,040	0,293	0,000	0,007	0,005	FALSE
0,076	0,291	0,003	0,006	0,175	FALSE
0,079	0,286	0,001	0,008	0,073	FALSE
0,000	0,297	0,001	0,012	0,036	FALSE
0,048	0,286	0,002	0,012	0,072	FALSE
0,031	0,278	0,001	0,010	0,024	FALSE
-0,031	0,283	-0,001	0,012	0,042	FALSE
0,051	0,284	0,002	0,012	0,068	FALSE
-0,002	0,296	0,000	0,012	0,013	FALSE
0,058	0,291	0,003	0,010	0,119	FALSE
0,031	0,302	0,000	0,013	0,001	FALSE
-0,122	0,288	-0,004	0,013	0,108	FALSE
0,020	0,284	0,002	0,011	0,063	FALSE
-0,049	0,276	-0,003	0,008	0,137	FALSE
-0,085	0,295	-0,002	0,008	0,077	FALSE
-0,096	0,288	-0,001	0,007	0,062	FALSE
-0,153	0,283	-0,003	0,008	0,163	FALSE
-0,072	0,286	-0,004	0,013	0,106	FALSE

0,066	0,285	0,002	0,008	0,119	FALSE
0,095	0,296	0,002	0,007	0,111	FALSE
-0,003	0,295	0,000	0,008	0,012	FALSE
0,074	0,295	0,002	0,008	0,103	FALSE
0,000	0,295	0,002	0,013	0,065	FALSE
-0,037	0,292	0,002	0,013	0,057	FALSE
0,130	0,283	0,003	0,012	0,081	FALSE
-0,083	0,272	-0,001	0,006	0,044	FALSE
-0,057	0,292	-0,002	0,012	0,069	FALSE
-0,020	0,286	0,000	0,007	0,002	FALSE
-0,004	0,292	-0,001	0,011	0,046	FALSE
-0,025	0,297	-0,001	0,008	0,023	FALSE
0,147	0,280	0,010	0,013	0,364	FALSE
0,138	0,286	0,002	0,008	0,103	FALSE
-0,098	0,289	-0,005	0,012	0,164	FALSE
0,129	0,278	0,009	0,013	0,310	FALSE
-0,004	0,293	-0,001	0,012	0,017	FALSE
0,171	0,294	0,003	0,009	0,142	FALSE
0,129	0,282	0,004	0,010	0,163	FALSE
-0,127	0,284	-0,004	0,010	0,153	FALSE
-0,015	0,284	0,000	0,012	0,007	FALSE
0,034	0,297	-0,001	0,010	0,028	FALSE
0,008	0,294	-0,001	0,011	0,036	FALSE
-0,173	0,277	-0,003	0,009	0,141	FALSE
-0,080	0,285	-0,001	0,006	0,070	FALSE
-0,071	0,285	-0,002	0,012	0,066	FALSE
-0,148	0,278	-0,004	0,009	0,157	FALSE
-0,198	0,287	-0,006	0,011	0,235	FALSE
0,057	0,294	0,003	0,013	0,081	FALSE
0,083	0,280	0,003	0,008	0,145	FALSE
0,080	0,293	0,003	0,008	0,129	FALSE
-0,039	0,303	-0,001	0,012	0,038	FALSE
0,122	0,274	0,002	0,012	0,066	FALSE
0,141	0,276	0,003	0,011	0,104	FALSE
0,104	0,281	0,001	0,012	0,045	FALSE
0,152	0,281	0,003	0,012	0,107	FALSE
0,121	0,281	0,003	0,012	0,085	FALSE
0,144	0,288	0,003	0,012	0,099	FALSE
-0,078	0,281	0,000	0,009	0,008	FALSE
-0,059	0,275	0,000	0,009	0,016	FALSE
-0,075	0,287	0,000	0,009	0,004	FALSE
-0,065	0,292	0,000	0,009	0,008	FALSE
-0,064	0,277	0,000	0,009	0,016	FALSE
-0,054	0,306	-0,004	0,012	0,113	FALSE
0,010	0,298	-0,001	0,008	0,026	FALSE
-0,084	0,297	-0,001	0,008	0,062	FALSE
0,081	0,285	0,003	0,009	0,121	FALSE
0,041	0,289	0,001	0,008	0,047	FALSE
-0,085	0,282	-0,001	0,007	0,048	FALSE
-0,099	0,291	-0,001	0,007	0,046	FALSE
0,110	0,298	0,003	0,008	0,156	FALSE
-0,169	0,276	-0,004	0,006	0,314	FALSE
-0,175	0,276	-0,005	0,010	0,194	FALSE

-0,038	0,294	-0,004	0,013	0,104	FALSE
-0,059	0,285	-0,003	0,013	0,097	FALSE
0,127	0,284	0,002	0,009	0,075	FALSE
0,013	0,289	-0,003	0,012	0,093	FALSE
-0,098	0,293	-0,003	0,009	0,154	FALSE
-0,014	0,298	-0,003	0,013	0,098	FALSE
0,070	0,288	0,000	0,011	0,000	FALSE
0,040	0,295	0,003	0,012	0,102	FALSE
0,128	0,283	0,005	0,008	0,257	FALSE
-0,008	0,300	0,001	0,013	0,014	FALSE
0,035	0,293	0,003	0,013	0,084	FALSE
0,045	0,299	0,002	0,010	0,087	FALSE
0,009	0,291	0,000	0,011	0,007	FALSE
-0,165	0,276	-0,006	0,009	0,284	FALSE
0,039	0,294	0,001	0,007	0,031	FALSE
-0,195	0,275	-0,004	0,007	0,242	FALSE
0,054	0,295	0,001	0,011	0,032	FALSE
-0,247	0,268	-0,010	0,012	0,407	FALSE
-0,083	0,292	-0,002	0,007	0,116	FALSE
0,005	0,288	0,000	0,011	0,013	FALSE
0,171	0,283	0,006	0,009	0,311	FALSE
0,138	0,279	0,006	0,012	0,213	FALSE
0,098	0,280	0,002	0,009	0,092	FALSE
0,169	0,283	0,004	0,008	0,223	FALSE
0,146	0,295	0,003	0,008	0,167	FALSE
-0,053	0,297	-0,001	0,008	0,039	FALSE
0,121	0,298	0,003	0,008	0,137	FALSE
-0,140	0,286	-0,005	0,012	0,151	FALSE
-0,158	0,275	-0,006	0,012	0,212	FALSE
-0,102	0,277	-0,003	0,007	0,173	FALSE
0,099	0,288	0,003	0,007	0,152	FALSE
-0,117	0,280	-0,003	0,006	0,192	FALSE
-0,011	0,286	0,001	0,008	0,026	FALSE
-0,071	0,280	-0,004	0,010	0,137	FALSE
0,078	0,296	0,002	0,013	0,062	FALSE
-0,019	0,293	0,000	0,007	0,018	FALSE
-0,044	0,296	-0,001	0,012	0,020	FALSE
0,025	0,295	0,000	0,008	0,006	FALSE
0,066	0,292	0,002	0,006	0,101	FALSE
0,032	0,305	0,001	0,014	0,030	FALSE
-0,077	0,281	-0,002	0,007	0,079	FALSE
0,061	0,292	0,001	0,010	0,039	FALSE
-0,094	0,292	-0,002	0,007	0,116	FALSE
-0,046	0,286	-0,001	0,007	0,030	FALSE
-0,052	0,286	-0,001	0,010	0,036	FALSE
0,031	0,286	0,000	0,009	0,005	FALSE
0,059	0,280	0,004	0,011	0,154	FALSE
-0,033	0,291	-0,001	0,012	0,033	FALSE
0,037	0,294	0,001	0,008	0,038	FALSE
0,020	0,303	0,001	0,007	0,052	FALSE
-0,029	0,278	-0,001	0,008	0,024	FALSE
-0,073	0,288	-0,002	0,009	0,064	FALSE
-0,078	0,279	-0,002	0,008	0,077	FALSE

-0,078	0,304	-0,001	0,009	0,057	FALSE
-0,032	0,296	-0,001	0,007	0,063	FALSE
0,181	0,285	0,006	0,010	0,277	FALSE
-0,006	0,296	-0,001	0,013	0,025	FALSE
-0,114	0,281	-0,004	0,012	0,140	FALSE
0,078	0,271	0,002	0,006	0,103	FALSE
-0,034	0,299	-0,001	0,012	0,036	FALSE
0,125	0,296	0,002	0,007	0,108	FALSE
-0,018	0,283	-0,002	0,010	0,093	FALSE
-0,033	0,303	-0,001	0,009	0,048	FALSE
0,107	0,283	0,004	0,009	0,217	FALSE
0,130	0,278	0,007	0,013	0,254	FALSE
-0,026	0,287	0,000	0,007	0,011	FALSE
0,006	0,290	0,000	0,013	0,010	FALSE
0,039	0,297	0,003	0,010	0,101	FALSE
0,013	0,290	0,000	0,013	0,006	FALSE
0,005	0,292	0,000	0,010	0,010	FALSE
0,036	0,279	0,001	0,012	0,028	FALSE
0,024	0,300	0,002	0,011	0,085	FALSE
0,025	0,297	0,001	0,007	0,048	FALSE
-0,078	0,276	-0,004	0,012	0,121	FALSE
0,071	0,284	0,003	0,010	0,107	FALSE
0,093	0,294	0,004	0,011	0,141	FALSE
0,056	0,290	0,001	0,012	0,015	FALSE
0,001	0,281	0,000	0,012	0,007	FALSE
0,075	0,293	0,002	0,007	0,121	FALSE
0,041	0,299	0,001	0,007	0,055	FALSE
0,032	0,280	0,000	0,007	0,001	FALSE
-0,043	0,282	-0,003	0,012	0,082	FALSE
0,048	0,290	0,001	0,012	0,025	FALSE
0,057	0,290	0,001	0,012	0,035	FALSE
0,012	0,294	0,001	0,008	0,023	FALSE
-0,114	0,282	-0,005	0,012	0,161	FALSE
-0,109	0,306	-0,006	0,012	0,210	FALSE
-0,075	0,303	-0,004	0,013	0,129	FALSE
0,078	0,296	0,002	0,009	0,066	FALSE
-0,021	0,287	-0,002	0,013	0,061	FALSE
0,036	0,306	0,001	0,009	0,020	FALSE
0,042	0,292	0,000	0,009	0,012	FALSE
-0,012	0,290	0,001	0,008	0,029	FALSE
-0,047	0,294	-0,002	0,013	0,070	FALSE
-0,009	0,296	0,000	0,007	0,020	FALSE
0,088	0,305	0,004	0,012	0,145	FALSE
-0,055	0,294	-0,002	0,013	0,069	FALSE
0,052	0,284	0,000	0,013	0,013	FALSE
-0,038	0,285	-0,001	0,013	0,023	FALSE
-0,059	0,284	-0,002	0,008	0,104	FALSE
-0,044	0,300	-0,001	0,009	0,030	FALSE
0,179	0,286	0,004	0,007	0,256	FALSE
0,127	0,292	0,002	0,008	0,116	FALSE
-0,175	0,290	-0,006	0,012	0,219	FALSE
0,138	0,288	0,002	0,007	0,105	FALSE
-0,079	0,299	-0,003	0,009	0,109	FALSE

0,062	0,302	0,001	0,008	0,045	FALSE
0,011	0,282	0,002	0,008	0,082	FALSE
-0,135	0,290	-0,005	0,009	0,223	FALSE
0,107	0,295	0,003	0,007	0,152	FALSE
0,015	0,285	0,001	0,012	0,043	FALSE
0,074	0,288	0,002	0,008	0,105	FALSE
0,067	0,295	0,003	0,013	0,075	FALSE
-0,002	0,280	0,001	0,013	0,039	FALSE
-0,002	0,289	0,000	0,007	0,016	FALSE
-0,032	0,285	-0,001	0,010	0,030	FALSE
0,060	0,288	0,001	0,007	0,040	FALSE
-0,096	0,304	-0,002	0,008	0,131	FALSE
-0,073	0,303	-0,001	0,007	0,061	FALSE
-0,081	0,295	-0,003	0,010	0,116	FALSE
-0,098	0,284	-0,002	0,008	0,103	FALSE
0,110	0,289	0,005	0,011	0,167	FALSE
-0,034	0,289	-0,001	0,006	0,076	FALSE
0,081	0,279	0,002	0,008	0,100	FALSE
0,027	0,287	0,001	0,013	0,031	FALSE
0,073	0,292	0,003	0,013	0,075	FALSE
0,072	0,306	0,003	0,013	0,077	FALSE
0,019	0,287	0,000	0,009	0,019	FALSE
-0,067	0,286	-0,003	0,010	0,100	FALSE
-0,033	0,301	0,000	0,008	0,014	FALSE
0,056	0,286	0,002	0,012	0,055	FALSE
0,074	0,277	0,001	0,008	0,057	FALSE
0,055	0,289	0,001	0,012	0,034	FALSE
-0,125	0,282	-0,003	0,007	0,177	FALSE
-0,048	0,280	-0,001	0,011	0,038	FALSE
-0,032	0,299	-0,001	0,013	0,037	FALSE
0,065	0,292	0,003	0,011	0,116	FALSE
0,082	0,294	0,001	0,007	0,039	FALSE
-0,246	0,284	-0,005	0,008	0,276	FALSE
-0,253	0,275	-0,005	0,008	0,310	FALSE
-0,268	0,287	-0,005	0,007	0,333	FALSE
-0,120	0,294	-0,004	0,010	0,164	FALSE
-0,082	0,298	-0,004	0,008	0,169	FALSE
-0,131	0,301	-0,004	0,011	0,145	FALSE
-0,086	0,285	-0,003	0,008	0,121	FALSE
-0,010	0,276	-0,001	0,007	0,044	FALSE
0,061	0,280	0,000	0,010	0,008	FALSE
0,057	0,290	0,004	0,009	0,171	FALSE
0,074	0,279	0,002	0,006	0,114	FALSE
0,172	0,287	0,004	0,008	0,211	FALSE
0,025	0,287	0,000	0,008	0,022	FALSE
-0,099	0,282	-0,002	0,007	0,101	FALSE
0,003	0,284	0,001	0,011	0,040	FALSE
0,010	0,280	-0,001	0,011	0,036	FALSE
0,018	0,275	0,000	0,010	0,005	FALSE
0,053	0,284	0,001	0,012	0,043	FALSE
0,066	0,274	0,001	0,007	0,027	FALSE
0,065	0,278	0,003	0,012	0,096	FALSE
0,052	0,281	0,001	0,006	0,070	FALSE

-0,093	0,285	-0,003	0,012	0,109	FALSE
0,113	0,291	0,004	0,013	0,116	FALSE
-0,101	0,287	-0,004	0,013	0,116	FALSE
0,003	0,276	0,000	0,010	0,005	FALSE
-0,018	0,285	0,000	0,007	0,013	FALSE
0,024	0,294	0,000	0,012	0,011	FALSE
0,086	0,273	0,005	0,013	0,161	FALSE
0,025	0,276	0,001	0,010	0,056	FALSE
-0,067	0,269	-0,004	0,012	0,127	FALSE
-0,087	0,285	-0,005	0,013	0,155	FALSE
-0,090	0,295	-0,005	0,013	0,156	FALSE
-0,031	0,287	0,000	0,007	0,009	FALSE
-0,034	0,293	-0,001	0,007	0,050	FALSE
-0,004	0,293	0,000	0,013	0,002	FALSE
0,101	0,297	0,003	0,012	0,095	FALSE
0,093	0,291	0,003	0,007	0,143	FALSE
-0,092	0,307	-0,004	0,013	0,115	FALSE
-0,045	0,289	-0,001	0,010	0,030	FALSE
-0,010	0,305	-0,001	0,008	0,039	FALSE
-0,093	0,271	0,000	0,009	0,006	FALSE
0,144	0,289	0,005	0,009	0,226	FALSE
0,003	0,276	0,001	0,009	0,025	FALSE
0,102	0,278	0,003	0,010	0,114	FALSE
-0,170	0,283	-0,003	0,007	0,166	FALSE
0,057	0,294	0,002	0,012	0,074	FALSE
0,143	0,284	0,006	0,012	0,227	FALSE
-0,019	0,295	-0,003	0,012	0,083	FALSE
0,073	0,283	0,000	0,012	0,014	FALSE
0,062	0,291	0,001	0,007	0,060	FALSE
-0,129	0,287	-0,005	0,011	0,189	FALSE
0,037	0,286	0,002	0,007	0,097	FALSE
-0,049	0,297	-0,003	0,011	0,091	FALSE
0,063	0,284	0,003	0,009	0,137	FALSE
-0,089	0,268	-0,002	0,009	0,093	FALSE
0,124	0,294	0,003	0,006	0,190	FALSE
0,105	0,286	0,003	0,006	0,193	FALSE
0,238	0,281	0,006	0,008	0,352	FALSE
0,211	0,277	0,006	0,009	0,294	FALSE
0,023	0,297	0,002	0,011	0,054	FALSE
0,029	0,301	0,002	0,011	0,070	FALSE
0,019	0,295	0,002	0,011	0,053	FALSE
0,029	0,293	0,001	0,013	0,040	FALSE
0,029	0,312	0,002	0,013	0,055	FALSE
-0,052	0,292	0,000	0,010	0,008	FALSE
-0,059	0,278	-0,001	0,010	0,053	FALSE
-0,031	0,279	-0,001	0,011	0,030	FALSE
-0,051	0,293	-0,002	0,010	0,093	FALSE
0,019	0,280	-0,001	0,012	0,032	FALSE
0,127	0,291	0,005	0,010	0,202	FALSE
-0,094	0,295	-0,003	0,013	0,080	FALSE
-0,133	0,296	-0,005	0,014	0,131	FALSE
-0,177	0,285	-0,004	0,007	0,198	FALSE
0,022	0,287	0,000	0,011	0,009	FALSE

-0,194	0,282	-0,004	0,007	0,247	FALSE
-0,165	0,295	-0,004	0,008	0,195	FALSE
-0,089	0,287	-0,005	0,012	0,154	FALSE
0,043	0,294	0,001	0,007	0,027	FALSE
-0,060	0,295	-0,002	0,012	0,066	FALSE
-0,170	0,281	-0,003	0,007	0,177	FALSE
0,120	0,281	0,003	0,008	0,161	FALSE
0,028	0,280	0,001	0,007	0,079	FALSE
-0,033	0,280	0,000	0,008	0,002	FALSE
-0,107	0,290	-0,004	0,012	0,150	FALSE
-0,022	0,294	-0,001	0,008	0,043	FALSE
0,071	0,298	0,001	0,007	0,058	FALSE
-0,041	0,293	-0,001	0,008	0,064	FALSE
0,044	0,294	0,002	0,008	0,113	FALSE
0,004	0,280	0,002	0,010	0,081	FALSE
0,076	0,294	0,001	0,010	0,024	FALSE
0,104	0,303	0,003	0,009	0,109	FALSE
0,075	0,287	0,001	0,012	0,037	FALSE
-0,044	0,302	-0,001	0,011	0,041	FALSE
-0,029	0,307	0,000	0,012	0,001	FALSE
-0,071	0,293	-0,002	0,007	0,131	FALSE
-0,026	0,278	0,001	0,009	0,060	FALSE
0,032	0,290	0,001	0,006	0,055	FALSE
0,050	0,290	0,004	0,010	0,155	FALSE
-0,014	0,298	0,001	0,011	0,023	FALSE
-0,007	0,286	0,001	0,008	0,026	FALSE
0,045	0,290	0,001	0,013	0,019	FALSE
0,052	0,288	0,002	0,009	0,104	FALSE
-0,045	0,284	0,000	0,010	0,010	FALSE
0,197	0,272	0,007	0,010	0,294	FALSE
-0,092	0,316	-0,002	0,010	0,088	FALSE
0,099	0,278	0,003	0,006	0,179	FALSE
0,026	0,294	-0,001	0,007	0,030	FALSE
0,028	0,286	0,003	0,013	0,086	FALSE
-0,193	0,282	-0,007	0,011	0,278	FALSE
-0,018	0,292	-0,001	0,008	0,064	FALSE
0,100	0,284	0,002	0,012	0,057	FALSE
0,145	0,292	0,004	0,011	0,141	FALSE
-0,055	0,301	0,000	0,009	0,004	FALSE
0,024	0,295	0,000	0,008	0,001	FALSE
-0,092	0,285	-0,001	0,007	0,085	FALSE
-0,059	0,278	-0,001	0,006	0,039	FALSE
0,110	0,287	0,002	0,006	0,116	FALSE
0,084	0,275	0,002	0,012	0,058	FALSE
0,152	0,287	0,009	0,013	0,294	FALSE
0,127	0,290	0,008	0,013	0,264	FALSE
-0,026	0,292	-0,003	0,012	0,085	FALSE
-0,052	0,277	-0,001	0,007	0,039	FALSE
0,081	0,286	0,002	0,008	0,114	FALSE
0,013	0,296	0,002	0,013	0,042	FALSE
-0,032	0,283	-0,001	0,007	0,047	FALSE
-0,011	0,286	0,001	0,012	0,026	FALSE
-0,015	0,281	0,000	0,011	0,006	FALSE

-0,045	0,300	-0,002	0,007	0,088	FALSE
0,006	0,269	0,002	0,010	0,082	FALSE
0,027	0,282	0,002	0,011	0,072	FALSE
0,002	0,286	0,001	0,012	0,030	FALSE
0,089	0,287	0,002	0,011	0,073	FALSE
-0,026	0,295	-0,002	0,010	0,064	FALSE
0,002	0,293	-0,001	0,012	0,032	FALSE
-0,015	0,290	-0,001	0,009	0,048	FALSE
-0,059	0,295	-0,002	0,012	0,067	FALSE
-0,029	0,284	-0,002	0,010	0,058	FALSE
0,007	0,281	0,000	0,006	0,020	FALSE
0,117	0,279	0,007	0,011	0,283	FALSE
0,037	0,296	0,001	0,007	0,032	FALSE
-0,126	0,288	-0,006	0,013	0,181	FALSE
0,037	0,290	0,001	0,013	0,023	FALSE
0,019	0,285	0,002	0,007	0,085	FALSE
-0,025	0,281	-0,001	0,007	0,046	FALSE
0,002	0,288	0,000	0,007	0,017	FALSE
0,036	0,295	0,000	0,007	0,024	FALSE
-0,067	0,297	-0,003	0,013	0,088	FALSE
-0,069	0,300	-0,002	0,013	0,070	FALSE
-0,001	0,281	0,001	0,012	0,038	FALSE
-0,037	0,285	0,000	0,006	0,028	FALSE
-0,159	0,289	-0,003	0,007	0,185	FALSE
0,108	0,301	0,003	0,009	0,152	FALSE
0,083	0,293	0,001	0,011	0,049	FALSE
0,076	0,282	0,002	0,011	0,075	FALSE
0,000	0,294	-0,001	0,011	0,018	FALSE
0,055	0,275	0,000	0,006	0,025	FALSE
0,061	0,286	0,005	0,012	0,164	FALSE
0,016	0,283	-0,001	0,009	0,022	FALSE
-0,092	0,303	-0,002	0,008	0,099	FALSE
0,073	0,272	0,003	0,010	0,094	FALSE
-0,083	0,284	-0,001	0,009	0,056	FALSE
0,000	0,274	0,000	0,008	0,011	FALSE
-0,071	0,294	-0,001	0,007	0,076	FALSE
0,141	0,280	0,004	0,007	0,237	FALSE
-0,010	0,299	0,001	0,012	0,027	FALSE
0,114	0,278	0,005	0,012	0,190	FALSE
0,073	0,285	0,004	0,012	0,131	FALSE
0,029	0,274	-0,002	0,013	0,057	FALSE
-0,053	0,284	-0,001	0,013	0,018	FALSE
-0,128	0,268	-0,004	0,012	0,123	FALSE
0,015	0,286	0,001	0,007	0,029	FALSE
0,113	0,286	0,003	0,007	0,175	FALSE
0,030	0,282	0,002	0,013	0,068	FALSE
-0,021	0,278	0,000	0,011	0,005	FALSE
-0,059	0,305	-0,001	0,008	0,049	FALSE
0,032	0,283	0,000	0,011	0,007	FALSE
0,046	0,290	0,001	0,009	0,059	FALSE
0,043	0,293	0,001	0,009	0,061	FALSE
0,030	0,289	0,001	0,007	0,024	FALSE
0,002	0,295	0,001	0,010	0,031	FALSE

-0,083	0,285	-0,003	0,007	0,151	FALSE
-0,027	0,294	-0,003	0,012	0,104	FALSE
-0,081	0,299	-0,003	0,007	0,168	FALSE
0,023	0,286	0,001	0,006	0,036	FALSE
-0,095	0,274	-0,003	0,007	0,141	FALSE
0,080	0,287	0,005	0,012	0,162	FALSE
0,015	0,282	0,001	0,007	0,047	FALSE
0,169	0,288	0,003	0,007	0,193	FALSE
-0,054	0,291	0,000	0,006	0,007	FALSE
-0,087	0,285	-0,002	0,008	0,119	FALSE
-0,158	0,294	-0,005	0,013	0,155	FALSE
-0,040	0,292	-0,001	0,010	0,037	FALSE
0,088	0,280	0,003	0,012	0,088	FALSE
0,037	0,286	0,002	0,012	0,052	FALSE
-0,003	0,283	-0,001	0,013	0,035	FALSE
0,175	0,295	0,006	0,009	0,266	FALSE
0,079	0,283	0,006	0,013	0,180	FALSE
0,074	0,299	0,003	0,010	0,109	FALSE
0,079	0,283	0,002	0,011	0,070	FALSE
0,100	0,296	0,003	0,009	0,106	FALSE
-0,025	0,277	-0,001	0,012	0,019	FALSE
-0,019	0,280	0,001	0,008	0,047	FALSE
0,012	0,287	0,001	0,009	0,039	FALSE
0,059	0,292	0,003	0,011	0,094	FALSE
0,072	0,299	0,003	0,013	0,085	FALSE
-0,001	0,296	0,001	0,010	0,028	FALSE
0,149	0,288	0,004	0,007	0,208	FALSE
0,029	0,279	0,001	0,012	0,024	FALSE
-0,001	0,293	0,000	0,007	0,015	FALSE
-0,072	0,297	-0,002	0,009	0,097	FALSE
-0,056	0,289	-0,001	0,008	0,064	FALSE
-0,112	0,290	-0,003	0,007	0,150	FALSE
-0,119	0,293	-0,006	0,013	0,192	FALSE
-0,027	0,287	-0,001	0,012	0,041	FALSE
0,000	0,289	-0,001	0,008	0,025	FALSE
-0,102	0,289	-0,003	0,007	0,139	FALSE
-0,107	0,280	-0,003	0,011	0,128	FALSE
0,005	0,299	0,001	0,009	0,041	FALSE
-0,101	0,291	-0,003	0,008	0,145	FALSE
0,034	0,287	0,001	0,010	0,028	FALSE
0,070	0,296	0,003	0,009	0,108	FALSE
0,014	0,309	0,000	0,013	0,013	FALSE
0,080	0,274	0,004	0,009	0,184	FALSE
0,063	0,294	0,002	0,007	0,103	FALSE
0,048	0,294	0,002	0,008	0,080	FALSE
0,095	0,274	0,002	0,008	0,118	FALSE
0,082	0,283	0,002	0,010	0,085	FALSE
0,038	0,298	0,001	0,009	0,050	FALSE
0,110	0,291	0,002	0,009	0,088	FALSE
0,003	0,287	0,001	0,008	0,058	FALSE
0,175	0,285	0,006	0,013	0,200	FALSE
0,075	0,288	0,002	0,012	0,071	FALSE
-0,011	0,279	0,000	0,008	0,021	FALSE

-0,237	0,290	-0,008	0,013	0,293	FALSE
-0,109	0,287	-0,005	0,009	0,215	FALSE
-0,103	0,277	-0,003	0,012	0,091	FALSE
0,117	0,290	0,002	0,012	0,070	FALSE
-0,114	0,282	-0,002	0,007	0,126	FALSE
-0,137	0,275	-0,003	0,009	0,126	FALSE
-0,133	0,277	-0,004	0,011	0,137	FALSE
-0,165	0,286	-0,005	0,010	0,210	FALSE
-0,161	0,293	-0,005	0,012	0,161	FALSE
-0,023	0,287	0,000	0,010	0,015	FALSE
-0,004	0,273	0,001	0,010	0,034	FALSE
0,063	0,311	0,002	0,012	0,054	FALSE
-0,191	0,290	-0,004	0,008	0,238	FALSE
0,103	0,287	0,001	0,006	0,074	FALSE
-0,057	0,292	-0,001	0,008	0,050	FALSE
-0,033	0,281	0,000	0,006	0,021	FALSE
-0,024	0,285	0,000	0,008	0,010	FALSE
-0,052	0,286	0,000	0,007	0,006	FALSE
0,031	0,298	0,000	0,008	0,000	FALSE
0,008	0,283	-0,001	0,011	0,045	FALSE
0,018	0,282	-0,001	0,011	0,040	FALSE
-0,073	0,295	-0,002	0,007	0,137	FALSE
-0,071	0,288	-0,002	0,008	0,111	FALSE
-0,062	0,299	-0,004	0,013	0,107	FALSE
0,002	0,294	0,000	0,007	0,004	FALSE
0,136	0,298	0,003	0,008	0,151	FALSE
-0,154	0,284	-0,006	0,013	0,198	FALSE
-0,022	0,293	0,000	0,007	0,020	FALSE
-0,037	0,285	-0,003	0,011	0,088	FALSE
0,029	0,289	0,002	0,009	0,077	FALSE
-0,056	0,301	-0,002	0,007	0,126	FALSE
0,017	0,287	0,000	0,011	0,010	FALSE
-0,030	0,285	-0,003	0,012	0,093	FALSE
0,106	0,292	0,004	0,013	0,133	FALSE
0,062	0,286	0,002	0,008	0,109	FALSE
0,039	0,289	0,002	0,008	0,077	FALSE
-0,057	0,282	-0,002	0,007	0,130	FALSE
0,036	0,298	0,001	0,008	0,062	FALSE
0,040	0,293	0,002	0,008	0,076	FALSE
-0,046	0,274	0,000	0,010	0,007	FALSE
-0,032	0,285	-0,001	0,007	0,055	FALSE
0,060	0,299	0,001	0,011	0,046	FALSE
-0,110	0,287	-0,004	0,011	0,141	FALSE
0,115	0,276	0,003	0,007	0,145	FALSE
-0,032	0,294	0,000	0,008	0,017	FALSE
0,176	0,278	0,005	0,011	0,188	FALSE
-0,126	0,301	-0,005	0,009	0,224	FALSE
0,053	0,293	0,002	0,008	0,091	FALSE
0,014	0,292	0,003	0,010	0,136	FALSE
-0,021	0,296	0,002	0,012	0,065	FALSE
-0,089	0,300	-0,005	0,013	0,152	FALSE
0,014	0,295	0,002	0,010	0,062	FALSE
0,040	0,295	0,003	0,010	0,098	FALSE

0,045	0,291	0,002	0,010	0,083	FALSE
-0,064	0,291	-0,003	0,013	0,092	FALSE
0,055	0,310	0,002	0,010	0,088	FALSE
-0,086	0,276	-0,004	0,012	0,131	FALSE
-0,142	0,287	-0,004	0,006	0,250	FALSE
0,048	0,285	0,000	0,008	0,007	FALSE
-0,225	0,281	-0,007	0,008	0,361	FALSE
0,056	0,300	0,001	0,011	0,052	FALSE
0,021	0,294	-0,001	0,010	0,050	FALSE
0,149	0,296	0,004	0,007	0,235	FALSE
0,182	0,287	0,005	0,007	0,314	FALSE
-0,018	0,294	-0,002	0,007	0,084	FALSE
0,033	0,292	0,004	0,013	0,135	FALSE
-0,035	0,294	-0,002	0,008	0,071	FALSE
-0,011	0,299	-0,002	0,011	0,054	FALSE
0,000	0,291	0,001	0,007	0,050	FALSE
0,048	0,293	0,002	0,007	0,150	FALSE
-0,075	0,286	-0,004	0,011	0,127	FALSE
0,034	0,295	0,000	0,008	0,018	FALSE
-0,081	0,286	-0,002	0,007	0,123	FALSE
-0,064	0,292	-0,001	0,007	0,085	FALSE
-0,034	0,300	-0,001	0,013	0,021	FALSE
0,144	0,279	0,003	0,009	0,147	FALSE
0,078	0,291	0,002	0,009	0,095	FALSE
0,021	0,301	0,000	0,007	0,011	FALSE
0,009	0,296	0,001	0,012	0,043	FALSE
-0,026	0,285	0,000	0,012	0,001	FALSE
-0,018	0,284	-0,001	0,013	0,035	FALSE
0,038	0,294	0,002	0,010	0,061	FALSE
0,020	0,298	-0,001	0,011	0,042	FALSE
-0,043	0,303	-0,003	0,012	0,083	FALSE
0,025	0,302	0,000	0,008	0,004	FALSE
0,042	0,294	0,001	0,009	0,031	FALSE
0,008	0,276	-0,001	0,012	0,030	FALSE
0,035	0,289	-0,001	0,008	0,056	FALSE
-0,134	0,279	-0,006	0,011	0,227	FALSE
-0,171	0,279	-0,007	0,011	0,288	FALSE
-0,193	0,286	-0,004	0,007	0,288	FALSE
-0,022	0,301	-0,001	0,007	0,072	FALSE
-0,088	0,287	-0,002	0,007	0,123	FALSE
0,179	0,303	0,004	0,008	0,203	FALSE
0,056	0,304	0,001	0,013	0,017	FALSE
0,102	0,299	0,002	0,007	0,103	FALSE
0,006	0,275	-0,001	0,007	0,041	FALSE
-0,082	0,275	-0,001	0,008	0,038	FALSE
0,033	0,298	0,000	0,008	0,018	FALSE
0,001	0,289	0,000	0,006	0,012	FALSE
0,000	0,299	0,000	0,008	0,006	FALSE
0,018	0,290	0,001	0,009	0,055	FALSE
-0,055	0,281	0,000	0,012	0,014	FALSE
-0,084	0,276	-0,002	0,008	0,124	FALSE
-0,258	0,268	-0,007	0,010	0,338	FALSE
-0,170	0,271	-0,004	0,010	0,155	FALSE

0,098	0,301	0,002	0,009	0,076	FALSE
0,008	0,282	0,002	0,010	0,057	FALSE
-0,039	0,272	-0,001	0,006	0,095	FALSE
0,080	0,299	0,001	0,008	0,068	FALSE
0,079	0,303	0,001	0,008	0,029	FALSE
-0,064	0,288	-0,003	0,013	0,103	FALSE
-0,059	0,285	-0,002	0,007	0,106	FALSE
-0,045	0,296	-0,002	0,011	0,074	FALSE
0,006	0,298	-0,001	0,013	0,022	FALSE
-0,069	0,299	-0,002	0,008	0,118	FALSE
-0,083	0,276	-0,001	0,006	0,037	FALSE
-0,033	0,287	-0,001	0,011	0,043	FALSE
0,079	0,294	0,002	0,008	0,093	FALSE
-0,022	0,277	-0,001	0,009	0,043	FALSE
0,021	0,288	-0,001	0,010	0,036	FALSE
0,086	0,288	0,002	0,010	0,079	FALSE
-0,164	0,284	-0,004	0,007	0,212	FALSE
-0,181	0,288	-0,004	0,007	0,238	FALSE
0,109	0,286	0,003	0,011	0,105	FALSE
0,120	0,293	0,004	0,012	0,118	FALSE
-0,020	0,283	0,000	0,007	0,013	FALSE
-0,183	0,286	-0,006	0,009	0,290	FALSE
0,106	0,268	0,005	0,011	0,201	FALSE
0,094	0,297	0,002	0,008	0,083	FALSE
0,010	0,287	0,001	0,012	0,026	FALSE
-0,113	0,292	-0,002	0,008	0,116	FALSE
-0,004	0,283	0,001	0,011	0,019	FALSE
0,044	0,278	0,000	0,006	0,017	FALSE
0,032	0,280	0,000	0,008	0,011	FALSE
0,044	0,288	0,000	0,007	0,020	FALSE
0,001	0,281	0,000	0,006	0,009	FALSE
-0,012	0,281	0,003	0,011	0,102	FALSE
0,084	0,296	0,003	0,013	0,092	FALSE
-0,008	0,294	0,000	0,007	0,012	FALSE
-0,097	0,294	-0,002	0,008	0,081	FALSE
-0,144	0,292	-0,005	0,012	0,161	FALSE
0,060	0,301	0,003	0,013	0,075	FALSE
-0,040	0,269	0,000	0,008	0,016	FALSE
0,048	0,284	0,001	0,011	0,019	FALSE
0,016	0,304	0,000	0,013	0,012	FALSE
-0,047	0,285	0,000	0,013	0,003	FALSE
-0,049	0,293	-0,002	0,008	0,087	FALSE
-0,007	0,290	0,001	0,013	0,033	FALSE
-0,095	0,277	-0,004	0,008	0,203	FALSE
-0,073	0,288	-0,002	0,008	0,076	FALSE
-0,013	0,284	-0,002	0,010	0,090	FALSE
-0,039	0,271	-0,003	0,010	0,135	FALSE
0,016	0,270	-0,002	0,009	0,068	FALSE
-0,016	0,290	0,000	0,008	0,016	FALSE
-0,009	0,288	0,000	0,012	0,013	FALSE
-0,050	0,280	0,001	0,012	0,017	FALSE
0,009	0,292	-0,001	0,009	0,045	FALSE
-0,080	0,302	-0,004	0,008	0,184	FALSE

0,069	0,299	0,003	0,010	0,101	FALSE
-0,005	0,286	0,000	0,007	0,012	FALSE
0,071	0,290	0,001	0,009	0,044	FALSE
0,000	0,294	0,000	0,010	0,005	FALSE
-0,005	0,286	0,001	0,011	0,038	FALSE
-0,017	0,270	-0,002	0,009	0,085	FALSE
0,113	0,268	0,004	0,011	0,139	FALSE
0,164	0,291	0,003	0,006	0,186	FALSE
0,018	0,287	0,000	0,007	0,011	FALSE
-0,005	0,290	-0,001	0,008	0,050	FALSE
-0,108	0,279	-0,002	0,008	0,114	FALSE
0,095	0,276	0,004	0,011	0,141	FALSE
0,016	0,271	0,000	0,007	0,016	FALSE
-0,074	0,296	-0,004	0,011	0,155	FALSE
-0,042	0,282	-0,002	0,012	0,067	FALSE
-0,012	0,299	-0,001	0,008	0,060	FALSE
0,004	0,291	0,000	0,008	0,022	FALSE
0,178	0,281	0,005	0,011	0,207	FALSE
0,084	0,285	0,004	0,013	0,137	FALSE
0,019	0,301	0,000	0,013	0,009	FALSE
-0,028	0,289	-0,002	0,012	0,047	FALSE
-0,091	0,291	-0,001	0,008	0,039	FALSE
0,150	0,304	0,005	0,013	0,173	FALSE
0,102	0,316	0,005	0,013	0,143	FALSE
-0,028	0,287	0,000	0,007	0,010	FALSE
-0,103	0,289	-0,003	0,010	0,108	FALSE
-0,060	0,295	-0,002	0,011	0,070	FALSE
-0,092	0,300	-0,002	0,009	0,092	FALSE
0,091	0,298	0,004	0,013	0,112	FALSE
-0,007	0,285	0,000	0,008	0,009	FALSE
-0,047	0,305	-0,001	0,007	0,066	FALSE
0,023	0,284	-0,001	0,008	0,024	FALSE
-0,017	0,284	-0,001	0,009	0,033	FALSE
0,084	0,277	0,003	0,010	0,111	FALSE
-0,057	0,290	-0,002	0,007	0,080	FALSE
0,012	0,289	-0,001	0,013	0,038	FALSE
-0,086	0,281	-0,002	0,009	0,090	FALSE
-0,003	0,289	0,000	0,007	0,009	FALSE
0,000	0,285	-0,001	0,013	0,022	FALSE
0,048	0,292	0,000	0,011	0,004	FALSE
-0,009	0,300	-0,001	0,010	0,049	FALSE
-0,057	0,302	-0,003	0,010	0,105	FALSE
0,039	0,288	0,001	0,012	0,016	FALSE
0,083	0,294	0,001	0,007	0,034	FALSE
-0,025	0,295	-0,001	0,011	0,017	FALSE
-0,061	0,280	-0,002	0,011	0,053	FALSE
-0,005	0,291	0,003	0,012	0,078	FALSE
-0,009	0,298	0,002	0,012	0,059	FALSE
-0,100	0,290	-0,002	0,008	0,102	FALSE
0,022	0,289	0,001	0,011	0,043	FALSE
0,050	0,296	0,000	0,007	0,005	FALSE
-0,009	0,298	0,000	0,007	0,003	FALSE
-0,091	0,277	-0,003	0,011	0,118	FALSE

0,001	0,290	0,000	0,009	0,017	FALSE
-0,037	0,281	-0,001	0,006	0,031	FALSE
-0,078	0,281	-0,001	0,007	0,046	FALSE
-0,021	0,299	-0,001	0,008	0,063	FALSE
-0,049	0,286	-0,001	0,013	0,025	FALSE
0,080	0,292	0,005	0,013	0,147	FALSE
0,012	0,279	0,001	0,008	0,046	FALSE
-0,018	0,294	-0,001	0,009	0,022	FALSE
-0,040	0,297	-0,001	0,008	0,049	FALSE
-0,006	0,296	0,001	0,007	0,050	FALSE
0,031	0,285	0,000	0,011	0,007	FALSE
-0,125	0,292	-0,004	0,010	0,161	FALSE
-0,009	0,285	-0,001	0,012	0,017	FALSE
0,029	0,297	0,001	0,007	0,040	FALSE
-0,072	0,288	-0,002	0,012	0,072	FALSE
0,085	0,292	0,003	0,009	0,140	FALSE
0,017	0,298	0,000	0,012	0,008	FALSE
-0,039	0,285	-0,001	0,007	0,085	FALSE
-0,189	0,279	-0,006	0,011	0,222	FALSE
-0,022	0,295	-0,001	0,011	0,037	FALSE
-0,100	0,297	-0,002	0,011	0,069	FALSE
0,067	0,300	0,002	0,009	0,077	FALSE
-0,022	0,296	-0,001	0,010	0,031	FALSE
0,064	0,291	0,002	0,010	0,092	FALSE
0,015	0,290	0,000	0,007	0,012	FALSE
-0,054	0,281	0,000	0,009	0,002	FALSE
0,002	0,282	0,001	0,009	0,039	FALSE
0,082	0,306	0,003	0,010	0,114	FALSE
0,115	0,287	0,003	0,010	0,140	FALSE
-0,066	0,279	-0,001	0,009	0,026	FALSE
-0,081	0,290	-0,002	0,006	0,101	FALSE
0,027	0,298	0,002	0,013	0,044	FALSE
-0,087	0,283	-0,002	0,009	0,086	FALSE
0,140	0,296	0,006	0,011	0,223	FALSE
-0,043	0,283	0,000	0,007	0,017	FALSE
0,167	0,293	0,003	0,009	0,140	FALSE
0,033	0,298	0,002	0,013	0,047	FALSE
0,038	0,306	0,002	0,013	0,056	FALSE
0,145	0,290	0,003	0,007	0,181	FALSE
-0,094	0,297	-0,002	0,007	0,117	FALSE
-0,016	0,301	-0,001	0,012	0,022	FALSE
0,059	0,284	0,003	0,011	0,095	FALSE
-0,060	0,271	-0,001	0,009	0,037	FALSE
0,127	0,301	0,006	0,013	0,189	FALSE
0,133	0,296	0,006	0,013	0,176	FALSE
0,119	0,290	0,005	0,013	0,161	FALSE
0,134	0,290	0,006	0,013	0,186	FALSE
0,004	0,282	0,001	0,013	0,034	FALSE
0,019	0,293	0,002	0,012	0,079	FALSE
-0,112	0,283	-0,004	0,012	0,110	FALSE
-0,032	0,294	0,000	0,010	0,008	FALSE
-0,018	0,288	0,001	0,007	0,050	FALSE
-0,036	0,282	0,000	0,009	0,009	FALSE

-0,124	0,293	-0,004	0,008	0,182	FALSE
0,052	0,304	0,004	0,012	0,119	FALSE
-0,076	0,283	-0,001	0,009	0,027	FALSE
0,083	0,285	0,003	0,010	0,135	FALSE
-0,014	0,288	-0,001	0,008	0,030	FALSE
-0,017	0,302	-0,001	0,011	0,017	FALSE
0,151	0,281	0,005	0,011	0,197	FALSE
0,126	0,287	0,004	0,009	0,156	FALSE
-0,028	0,302	-0,002	0,007	0,080	FALSE
-0,002	0,295	0,000	0,010	0,006	FALSE
-0,020	0,303	-0,001	0,009	0,059	FALSE
0,056	0,290	0,001	0,009	0,042	FALSE
0,082	0,278	0,004	0,013	0,118	FALSE
-0,113	0,301	-0,004	0,010	0,157	FALSE
-0,108	0,305	-0,004	0,010	0,140	FALSE
-0,053	0,286	0,000	0,007	0,007	FALSE
-0,166	0,298	-0,004	0,007	0,251	FALSE
-0,035	0,294	0,000	0,007	0,013	FALSE
-0,043	0,289	-0,002	0,009	0,073	FALSE
-0,062	0,298	-0,003	0,013	0,083	FALSE
0,020	0,288	0,000	0,009	0,005	FALSE
0,004	0,296	-0,001	0,006	0,030	FALSE
0,042	0,292	0,000	0,007	0,010	FALSE
0,040	0,296	0,001	0,009	0,058	FALSE
-0,036	0,290	-0,002	0,013	0,062	FALSE
-0,042	0,286	-0,001	0,007	0,027	FALSE
0,117	0,298	0,004	0,013	0,130	FALSE
0,149	0,292	0,005	0,012	0,174	FALSE
-0,058	0,285	-0,001	0,007	0,063	FALSE
0,117	0,290	0,003	0,009	0,133	FALSE
-0,067	0,285	0,000	0,007	0,008	FALSE
-0,045	0,278	-0,002	0,009	0,085	FALSE
-0,183	0,281	-0,004	0,007	0,274	FALSE
0,127	0,292	0,004	0,009	0,161	FALSE
0,057	0,296	0,001	0,009	0,024	FALSE
-0,104	0,289	-0,005	0,012	0,172	FALSE
0,109	0,292	0,002	0,009	0,094	FALSE
-0,104	0,296	-0,005	0,013	0,157	FALSE
0,182	0,281	0,004	0,008	0,182	FALSE
0,010	0,286	0,000	0,013	0,007	FALSE
0,057	0,277	0,003	0,012	0,096	FALSE
-0,092	0,276	-0,002	0,012	0,050	FALSE
-0,068	0,282	-0,002	0,011	0,068	FALSE
-0,098	0,283	-0,004	0,008	0,192	FALSE
-0,054	0,289	-0,001	0,013	0,019	FALSE
0,119	0,282	0,003	0,013	0,092	FALSE
-0,028	0,279	-0,001	0,010	0,049	FALSE
0,121	0,274	0,003	0,006	0,197	FALSE
0,038	0,279	0,001	0,011	0,043	FALSE
-0,020	0,291	0,000	0,007	0,013	FALSE
0,031	0,280	0,002	0,011	0,065	FALSE
-0,050	0,268	0,000	0,007	0,018	FALSE
-0,134	0,292	-0,005	0,013	0,138	FALSE

-0,017	0,299	-0,001	0,012	0,037	FALSE
-0,044	0,284	-0,002	0,011	0,067	FALSE
-0,130	0,289	-0,003	0,009	0,148	FALSE
-0,105	0,291	-0,005	0,011	0,176	FALSE
0,066	0,284	0,002	0,006	0,102	FALSE
-0,143	0,282	-0,003	0,007	0,167	FALSE
-0,131	0,292	-0,002	0,006	0,141	FALSE
-0,131	0,286	-0,002	0,006	0,141	FALSE
-0,137	0,276	-0,003	0,007	0,155	FALSE
-0,141	0,279	-0,003	0,008	0,133	FALSE
-0,018	0,288	0,001	0,011	0,025	FALSE
-0,066	0,282	-0,001	0,012	0,028	FALSE
0,010	0,293	-0,001	0,007	0,035	FALSE
0,232	0,288	0,008	0,011	0,347	FALSE
0,052	0,286	0,002	0,010	0,085	FALSE
-0,144	0,283	-0,003	0,006	0,206	FALSE
0,058	0,292	0,001	0,010	0,056	FALSE
-0,166	0,294	-0,004	0,011	0,164	FALSE
0,059	0,301	0,003	0,013	0,084	FALSE
0,120	0,279	0,002	0,009	0,073	FALSE
0,064	0,288	0,001	0,012	0,022	FALSE
-0,101	0,288	-0,005	0,010	0,187	FALSE
0,103	0,290	0,001	0,007	0,054	FALSE
0,104	0,284	0,003	0,008	0,162	FALSE
-0,001	0,282	0,000	0,008	0,008	FALSE
-0,082	0,283	-0,002	0,008	0,087	FALSE
-0,050	0,287	-0,001	0,006	0,077	FALSE
-0,001	0,307	0,000	0,013	0,013	FALSE
-0,074	0,299	-0,004	0,011	0,160	FALSE
-0,095	0,281	-0,002	0,010	0,085	FALSE
0,010	0,283	0,000	0,009	0,009	FALSE
-0,058	0,283	0,000	0,007	0,013	FALSE
0,102	0,284	0,003	0,007	0,165	FALSE
0,149	0,295	0,003	0,007	0,191	FALSE
-0,143	0,290	-0,004	0,009	0,199	FALSE
0,051	0,285	0,001	0,008	0,055	FALSE
0,212	0,278	0,006	0,008	0,376	FALSE
-0,072	0,286	-0,004	0,011	0,160	FALSE
0,039	0,270	0,003	0,007	0,142	FALSE
-0,083	0,288	-0,001	0,008	0,059	FALSE
-0,142	0,285	-0,005	0,011	0,192	FALSE
-0,129	0,291	-0,004	0,012	0,131	FALSE
-0,097	0,294	-0,003	0,010	0,103	FALSE
0,023	0,299	0,002	0,008	0,088	FALSE
-0,011	0,289	0,001	0,010	0,035	FALSE
0,112	0,295	0,005	0,013	0,139	FALSE
0,080	0,291	0,003	0,011	0,104	FALSE
0,065	0,287	0,003	0,011	0,119	FALSE
-0,089	0,283	-0,004	0,010	0,185	FALSE
0,123	0,291	0,004	0,009	0,178	FALSE
0,130	0,285	0,006	0,011	0,243	FALSE
-0,002	0,286	-0,001	0,008	0,047	FALSE
0,062	0,285	0,002	0,008	0,095	FALSE

0,032	0,273	0,002	0,012	0,072	FALSE
0,015	0,275	0,002	0,010	0,063	FALSE
-0,004	0,292	0,001	0,010	0,027	FALSE
0,084	0,284	0,001	0,007	0,054	FALSE
0,014	0,286	-0,001	0,007	0,025	FALSE
-0,069	0,286	-0,002	0,007	0,099	FALSE
-0,071	0,279	-0,004	0,009	0,194	FALSE
-0,045	0,292	-0,003	0,009	0,108	FALSE
0,000	0,281	-0,002	0,011	0,072	FALSE
0,058	0,281	0,000	0,007	0,021	FALSE
-0,016	0,293	-0,004	0,013	0,123	FALSE
-0,032	0,296	-0,002	0,007	0,130	FALSE
0,112	0,267	0,004	0,011	0,135	FALSE
-0,073	0,282	-0,002	0,012	0,045	FALSE
-0,063	0,286	-0,002	0,010	0,066	FALSE
-0,083	0,287	-0,005	0,012	0,156	FALSE
0,160	0,279	0,006	0,011	0,206	FALSE
0,114	0,297	0,002	0,007	0,123	FALSE
0,009	0,276	-0,001	0,011	0,037	FALSE
0,015	0,277	0,000	0,010	0,009	FALSE
-0,006	0,298	-0,001	0,011	0,041	FALSE
0,030	0,288	0,000	0,006	0,026	FALSE
0,070	0,282	0,001	0,006	0,081	FALSE
-0,066	0,282	-0,002	0,012	0,075	FALSE
-0,007	0,290	0,001	0,007	0,062	FALSE
-0,046	0,284	0,001	0,010	0,032	FALSE
0,052	0,287	0,001	0,006	0,046	FALSE
-0,112	0,294	-0,003	0,007	0,142	FALSE
-0,154	0,275	-0,004	0,013	0,132	FALSE
-0,082	0,285	-0,002	0,013	0,065	FALSE
0,104	0,284	0,003	0,012	0,085	FALSE
0,175	0,281	0,005	0,012	0,178	FALSE
0,084	0,284	0,002	0,011	0,075	FALSE
0,153	0,279	0,004	0,011	0,155	FALSE
0,084	0,296	0,002	0,007	0,111	FALSE
0,111	0,283	0,003	0,011	0,122	FALSE
0,010	0,306	0,000	0,011	0,015	FALSE
0,189	0,280	0,004	0,006	0,247	FALSE
0,068	0,285	0,001	0,007	0,048	FALSE
-0,198	0,291	-0,006	0,010	0,245	FALSE
-0,050	0,287	-0,001	0,011	0,031	FALSE
0,081	0,281	0,002	0,011	0,084	FALSE
-0,096	0,300	-0,003	0,013	0,099	FALSE
0,143	0,274	0,006	0,011	0,239	FALSE
0,188	0,283	0,004	0,009	0,182	FALSE
0,116	0,288	0,005	0,010	0,193	FALSE
0,160	0,279	0,006	0,009	0,267	FALSE
0,107	0,273	0,005	0,009	0,251	FALSE
-0,062	0,287	-0,001	0,008	0,050	FALSE
0,079	0,294	0,002	0,007	0,109	FALSE
0,058	0,293	0,001	0,010	0,022	FALSE
0,064	0,285	0,003	0,010	0,127	FALSE
0,134	0,269	0,002	0,012	0,065	FALSE

0,044	0,285	0,001	0,012	0,023	FALSE
-0,019	0,287	-0,002	0,008	0,072	FALSE
0,023	0,293	0,000	0,011	0,002	FALSE
0,031	0,288	0,000	0,011	0,000	FALSE
0,009	0,292	0,001	0,012	0,030	FALSE
0,040	0,278	0,001	0,007	0,031	FALSE
0,020	0,285	0,001	0,011	0,027	FALSE
0,081	0,281	0,003	0,007	0,161	FALSE
0,174	0,278	0,005	0,009	0,224	FALSE
0,006	0,294	0,000	0,008	0,002	FALSE
-0,026	0,279	-0,001	0,011	0,028	FALSE
-0,076	0,308	-0,003	0,013	0,096	FALSE
0,084	0,276	0,004	0,009	0,162	FALSE
-0,046	0,275	-0,002	0,011	0,064	FALSE
-0,056	0,286	0,000	0,009	0,004	FALSE
0,082	0,295	0,001	0,010	0,044	FALSE
0,113	0,295	0,004	0,013	0,132	FALSE
0,026	0,273	0,001	0,006	0,045	FALSE
-0,021	0,282	0,000	0,006	0,022	FALSE
-0,121	0,296	-0,005	0,011	0,188	FALSE
-0,093	0,290	-0,004	0,011	0,140	FALSE
0,023	0,295	0,000	0,009	0,019	FALSE
-0,176	0,284	-0,005	0,010	0,214	FALSE
-0,036	0,291	-0,001	0,007	0,034	FALSE
-0,063	0,284	-0,002	0,007	0,120	FALSE
0,103	0,291	0,002	0,006	0,146	FALSE
0,086	0,278	0,003	0,012	0,091	FALSE
-0,188	0,283	-0,007	0,012	0,248	FALSE
-0,069	0,304	-0,001	0,009	0,059	FALSE
-0,030	0,299	0,000	0,010	0,007	FALSE
-0,038	0,288	0,000	0,010	0,005	FALSE
0,085	0,288	0,002	0,009	0,098	FALSE
-0,100	0,297	-0,004	0,013	0,112	FALSE
0,095	0,289	0,004	0,010	0,153	FALSE
-0,115	0,286	-0,002	0,006	0,146	FALSE
0,082	0,290	0,003	0,008	0,157	FALSE
0,026	0,301	-0,001	0,011	0,018	FALSE
0,062	0,271	0,004	0,010	0,148	FALSE
-0,001	0,290	-0,001	0,011	0,035	FALSE
0,003	0,291	-0,001	0,011	0,024	FALSE
0,049	0,287	0,001	0,012	0,043	FALSE
0,056	0,299	0,002	0,012	0,065	FALSE
0,053	0,299	0,002	0,012	0,062	FALSE
0,013	0,292	0,000	0,011	0,011	FALSE
0,013	0,287	-0,002	0,013	0,069	FALSE
-0,092	0,276	-0,004	0,009	0,211	FALSE
-0,015	0,284	0,002	0,013	0,060	FALSE
-0,115	0,295	-0,004	0,012	0,116	FALSE
-0,077	0,291	-0,002	0,012	0,072	FALSE
-0,110	0,292	-0,005	0,012	0,159	FALSE
0,015	0,287	0,001	0,010	0,024	FALSE
-0,027	0,292	-0,002	0,013	0,043	FALSE
0,128	0,279	0,002	0,012	0,066	FALSE

0,097	0,293	0,001	0,007	0,060	FALSE
-0,009	0,283	-0,002	0,010	0,076	FALSE
0,063	0,288	0,002	0,012	0,077	FALSE
0,088	0,293	0,004	0,012	0,136	FALSE
-0,157	0,286	-0,004	0,011	0,153	FALSE
0,205	0,293	0,009	0,012	0,332	FALSE
-0,010	0,280	-0,001	0,008	0,034	FALSE
0,021	0,284	0,001	0,007	0,056	FALSE
0,084	0,283	0,004	0,013	0,127	FALSE
-0,046	0,286	-0,004	0,013	0,107	FALSE
0,022	0,283	0,000	0,010	0,013	FALSE
0,045	0,288	0,003	0,010	0,138	FALSE
0,064	0,282	0,004	0,012	0,127	FALSE
0,124	0,296	0,005	0,012	0,192	FALSE
-0,001	0,287	-0,001	0,008	0,031	FALSE
-0,082	0,316	-0,003	0,009	0,130	FALSE
-0,104	0,290	-0,004	0,011	0,169	FALSE
-0,017	0,285	-0,002	0,011	0,068	FALSE
-0,014	0,291	0,000	0,006	0,025	FALSE
0,025	0,294	0,000	0,011	0,001	FALSE
-0,003	0,293	-0,001	0,008	0,032	FALSE
0,022	0,294	-0,001	0,007	0,027	FALSE
0,075	0,293	0,004	0,012	0,119	FALSE
-0,023	0,286	0,001	0,009	0,052	FALSE
-0,035	0,292	-0,001	0,007	0,033	FALSE
-0,179	0,301	-0,005	0,009	0,217	FALSE
-0,088	0,290	-0,005	0,013	0,151	FALSE
-0,058	0,294	-0,003	0,008	0,146	FALSE
0,117	0,295	0,003	0,008	0,174	FALSE
0,086	0,281	0,002	0,008	0,084	FALSE
0,061	0,290	0,001	0,007	0,054	FALSE
0,092	0,282	0,003	0,010	0,103	FALSE
0,150	0,292	0,006	0,012	0,199	FALSE
0,096	0,287	0,003	0,012	0,091	FALSE
0,015	0,293	0,000	0,008	0,001	FALSE
0,018	0,286	-0,001	0,007	0,042	FALSE
0,094	0,287	0,002	0,011	0,072	FALSE
0,046	0,289	0,000	0,008	0,008	FALSE
0,019	0,274	-0,001	0,009	0,034	FALSE
0,008	0,282	0,001	0,007	0,064	FALSE
0,037	0,287	0,000	0,008	0,008	FALSE
-0,030	0,293	0,000	0,011	0,011	FALSE
-0,023	0,283	0,000	0,008	0,017	FALSE
0,030	0,278	0,003	0,007	0,156	FALSE
0,013	0,289	0,003	0,012	0,086	FALSE
0,007	0,290	-0,002	0,013	0,048	FALSE
-0,035	0,300	-0,003	0,012	0,092	FALSE
-0,065	0,282	-0,005	0,012	0,148	FALSE
-0,101	0,286	-0,006	0,012	0,199	FALSE
0,186	0,285	0,007	0,013	0,212	FALSE
0,104	0,309	0,003	0,011	0,122	FALSE
0,095	0,300	0,003	0,009	0,115	FALSE
-0,010	0,285	0,000	0,006	0,017	FALSE

-0,022	0,294	0,001	0,014	0,018	FALSE
0,007	0,295	0,001	0,011	0,047	FALSE
-0,086	0,284	-0,002	0,009	0,086	FALSE
0,128	0,280	0,003	0,008	0,146	FALSE
-0,029	0,281	-0,002	0,008	0,095	FALSE
-0,087	0,301	-0,003	0,009	0,134	FALSE
0,017	0,286	0,001	0,012	0,035	FALSE
-0,163	0,288	-0,004	0,007	0,288	FALSE
0,056	0,292	0,001	0,009	0,051	FALSE
0,122	0,293	0,003	0,007	0,150	FALSE
0,122	0,304	0,003	0,008	0,152	FALSE
0,171	0,291	0,005	0,008	0,285	FALSE
0,013	0,299	0,000	0,013	0,001	FALSE
0,064	0,290	0,005	0,012	0,157	FALSE
0,124	0,290	0,003	0,013	0,079	FALSE
-0,067	0,292	-0,003	0,012	0,091	FALSE
0,060	0,301	0,000	0,009	0,010	FALSE
0,058	0,305	0,000	0,009	0,005	FALSE
0,117	0,296	0,006	0,013	0,178	FALSE
-0,003	0,285	0,001	0,011	0,019	FALSE
-0,117	0,292	-0,003	0,007	0,172	FALSE
0,047	0,275	0,003	0,010	0,124	FALSE
0,010	0,301	-0,001	0,013	0,018	FALSE
0,127	0,294	0,005	0,013	0,158	FALSE
-0,045	0,288	-0,003	0,011	0,103	FALSE
0,030	0,297	0,001	0,009	0,039	FALSE
0,151	0,296	0,004	0,008	0,207	FALSE
-0,050	0,277	0,000	0,007	0,010	FALSE
0,085	0,282	0,001	0,006	0,064	FALSE
0,052	0,296	0,001	0,010	0,044	FALSE
0,113	0,286	0,005	0,010	0,178	FALSE
0,128	0,299	0,005	0,011	0,198	FALSE
-0,016	0,291	-0,001	0,007	0,042	FALSE
0,005	0,280	0,001	0,008	0,057	FALSE
-0,052	0,295	-0,002	0,010	0,082	FALSE
0,043	0,279	0,001	0,010	0,031	FALSE
0,060	0,285	0,002	0,013	0,068	FALSE
0,049	0,293	0,002	0,011	0,078	FALSE
0,061	0,297	0,004	0,011	0,153	FALSE
-0,173	0,279	-0,005	0,009	0,252	FALSE
-0,082	0,285	-0,004	0,012	0,136	FALSE
-0,007	0,297	0,001	0,007	0,030	FALSE
-0,245	0,276	-0,005	0,007	0,359	FALSE
0,096	0,292	0,003	0,010	0,114	FALSE
0,084	0,284	0,003	0,013	0,093	FALSE
-0,192	0,268	-0,004	0,009	0,184	FALSE
-0,022	0,294	0,001	0,012	0,041	FALSE
0,052	0,297	0,003	0,012	0,100	FALSE
-0,054	0,287	-0,002	0,008	0,101	FALSE
0,137	0,282	0,003	0,007	0,195	FALSE
-0,266	0,266	-0,007	0,009	0,319	FALSE
-0,152	0,277	-0,010	0,013	0,348	FALSE
0,020	0,307	-0,001	0,012	0,020	FALSE

-0,004	0,281	0,002	0,011	0,080	FALSE
0,206	0,278	0,004	0,006	0,306	FALSE
0,119	0,283	0,005	0,011	0,197	FALSE
-0,034	0,297	-0,001	0,009	0,044	FALSE
0,045	0,310	0,001	0,011	0,017	FALSE
0,055	0,283	0,001	0,009	0,032	FALSE
0,119	0,300	0,004	0,013	0,108	FALSE
0,139	0,288	0,003	0,010	0,136	FALSE
0,023	0,298	0,001	0,008	0,022	FALSE
-0,003	0,299	-0,001	0,008	0,032	FALSE
-0,041	0,287	-0,002	0,008	0,075	FALSE
-0,130	0,306	-0,004	0,011	0,140	FALSE
0,003	0,299	0,001	0,008	0,036	FALSE
0,125	0,298	0,003	0,007	0,183	FALSE
0,091	0,284	0,005	0,013	0,154	FALSE
0,067	0,282	0,004	0,013	0,119	FALSE
-0,091	0,291	-0,002	0,008	0,092	FALSE
0,131	0,292	0,006	0,013	0,190	FALSE
0,041	0,294	0,002	0,013	0,070	FALSE
-0,042	0,290	-0,002	0,008	0,125	FALSE
0,009	0,284	0,000	0,008	0,002	FALSE
-0,077	0,280	-0,004	0,007	0,226	FALSE
-0,061	0,304	-0,003	0,008	0,161	FALSE
-0,037	0,284	-0,002	0,011	0,071	FALSE
-0,043	0,294	-0,001	0,010	0,048	FALSE
-0,097	0,291	-0,004	0,013	0,128	FALSE
-0,078	0,292	-0,001	0,007	0,061	FALSE
-0,018	0,284	0,001	0,011	0,022	FALSE
-0,024	0,292	0,000	0,011	0,001	FALSE
-0,046	0,283	-0,001	0,011	0,027	FALSE
-0,030	0,269	0,000	0,010	0,005	FALSE
-0,018	0,283	-0,001	0,012	0,026	FALSE
-0,059	0,288	0,001	0,009	0,028	FALSE
0,052	0,292	0,002	0,012	0,054	FALSE
-0,001	0,288	-0,002	0,011	0,060	FALSE
0,116	0,277	0,004	0,008	0,208	FALSE
-0,131	0,278	-0,004	0,010	0,162	FALSE
-0,021	0,286	-0,002	0,007	0,096	FALSE
-0,133	0,284	-0,003	0,011	0,129	FALSE
0,085	0,294	0,001	0,008	0,025	FALSE
-0,036	0,304	0,000	0,010	0,017	FALSE
0,048	0,288	0,000	0,008	0,002	FALSE
-0,128	0,295	-0,004	0,008	0,203	FALSE
-0,090	0,287	-0,003	0,008	0,140	FALSE
0,058	0,275	0,002	0,012	0,062	FALSE
0,029	0,290	0,000	0,007	0,000	FALSE
0,036	0,287	0,002	0,006	0,137	FALSE
0,051	0,288	0,000	0,007	0,025	FALSE
0,072	0,302	0,004	0,010	0,161	FALSE
-0,121	0,286	-0,002	0,007	0,129	FALSE
-0,020	0,302	-0,002	0,012	0,059	FALSE
0,124	0,287	0,003	0,009	0,119	FALSE
-0,089	0,304	-0,003	0,011	0,105	FALSE

-0,025	0,287	-0,001	0,010	0,047	FALSE
-0,034	0,291	-0,001	0,010	0,028	FALSE
-0,043	0,292	-0,001	0,008	0,064	FALSE
0,024	0,290	0,000	0,007	0,013	FALSE
-0,018	0,284	0,001	0,010	0,033	FALSE
-0,044	0,290	-0,002	0,012	0,077	FALSE
-0,069	0,293	-0,002	0,011	0,055	FALSE
-0,071	0,288	-0,002	0,011	0,073	FALSE
-0,037	0,297	-0,001	0,009	0,062	FALSE
-0,139	0,270	-0,005	0,011	0,202	FALSE
-0,044	0,292	0,000	0,012	0,003	FALSE
0,028	0,290	0,000	0,009	0,018	FALSE
-0,005	0,294	0,001	0,013	0,038	FALSE
0,036	0,281	0,000	0,006	0,006	FALSE
-0,103	0,292	-0,003	0,008	0,172	FALSE
0,062	0,282	0,002	0,013	0,046	FALSE
0,029	0,299	0,001	0,013	0,035	FALSE
0,099	0,276	0,003	0,008	0,131	FALSE
-0,084	0,291	-0,001	0,007	0,064	FALSE
0,123	0,295	0,003	0,006	0,173	FALSE
-0,087	0,289	-0,003	0,013	0,099	FALSE
-0,138	0,281	-0,004	0,007	0,207	FALSE
-0,037	0,286	0,001	0,009	0,040	FALSE
-0,107	0,280	-0,006	0,013	0,202	FALSE
-0,049	0,293	0,000	0,008	0,017	FALSE
0,176	0,287	0,003	0,007	0,205	FALSE
0,013	0,292	0,001	0,012	0,034	FALSE
0,139	0,301	0,002	0,007	0,111	FALSE
-0,081	0,288	-0,002	0,007	0,088	FALSE
0,117	0,285	0,003	0,009	0,149	FALSE
-0,051	0,275	0,000	0,011	0,001	FALSE
0,056	0,283	0,001	0,012	0,026	FALSE
-0,069	0,278	-0,001	0,007	0,068	FALSE
-0,006	0,288	-0,001	0,012	0,036	FALSE
-0,060	0,302	-0,002	0,007	0,114	FALSE
-0,076	0,302	-0,004	0,013	0,113	FALSE
-0,052	0,286	-0,002	0,013	0,065	FALSE
-0,059	0,288	-0,003	0,013	0,086	FALSE
-0,062	0,303	-0,003	0,013	0,079	FALSE
0,083	0,283	0,003	0,007	0,165	FALSE
0,091	0,275	0,004	0,009	0,180	FALSE
-0,041	0,286	-0,002	0,012	0,071	FALSE
-0,120	0,298	-0,003	0,013	0,094	FALSE
0,009	0,277	-0,001	0,012	0,038	FALSE
0,010	0,293	-0,001	0,012	0,037	FALSE
0,152	0,278	0,008	0,012	0,286	FALSE
-0,077	0,304	-0,004	0,012	0,123	FALSE
-0,069	0,290	-0,003	0,012	0,113	FALSE
-0,180	0,275	-0,005	0,012	0,162	FALSE
-0,181	0,283	-0,005	0,012	0,159	FALSE
-0,192	0,274	-0,005	0,013	0,167	FALSE
0,043	0,300	0,001	0,007	0,047	FALSE
-0,041	0,300	-0,003	0,011	0,089	FALSE

0,036	0,296	0,000	0,013	0,005	FALSE
-0,050	0,303	-0,004	0,012	0,147	FALSE
-0,094	0,273	-0,004	0,011	0,138	FALSE
0,064	0,285	0,004	0,012	0,117	FALSE
-0,028	0,283	-0,001	0,007	0,058	FALSE
0,096	0,271	0,004	0,011	0,157	FALSE
0,087	0,291	0,004	0,011	0,161	FALSE
0,103	0,291	0,005	0,011	0,181	FALSE
-0,070	0,290	-0,001	0,008	0,025	FALSE
0,017	0,285	0,001	0,007	0,038	FALSE
0,067	0,288	0,002	0,008	0,080	FALSE
0,200	0,284	0,008	0,011	0,311	FALSE
-0,001	0,289	0,000	0,007	0,004	FALSE
-0,018	0,282	0,000	0,011	0,013	FALSE
0,114	0,286	0,002	0,007	0,113	FALSE
0,041	0,294	0,000	0,010	0,001	FALSE
-0,104	0,293	-0,001	0,007	0,068	FALSE
-0,156	0,277	-0,005	0,011	0,177	FALSE
-0,156	0,287	-0,005	0,008	0,244	FALSE
0,097	0,282	0,003	0,008	0,170	FALSE
-0,129	0,280	-0,006	0,011	0,222	FALSE
0,181	0,278	0,006	0,009	0,295	FALSE
-0,212	0,285	-0,008	0,012	0,279	FALSE
-0,158	0,294	-0,005	0,011	0,188	FALSE
0,057	0,279	0,002	0,007	0,088	FALSE
-0,043	0,297	-0,002	0,008	0,123	FALSE
-0,048	0,286	0,000	0,011	0,005	FALSE
0,014	0,286	0,002	0,011	0,070	FALSE
-0,109	0,289	-0,003	0,011	0,090	FALSE
-0,033	0,272	-0,001	0,010	0,037	FALSE
-0,071	0,287	-0,001	0,008	0,046	FALSE
-0,055	0,291	0,000	0,008	0,002	FALSE
0,041	0,295	0,000	0,010	0,011	FALSE
-0,061	0,287	-0,003	0,009	0,144	FALSE
0,015	0,280	0,001	0,010	0,025	FALSE
0,039	0,296	0,000	0,007	0,011	FALSE
0,063	0,295	0,002	0,008	0,090	FALSE
0,114	0,292	0,003	0,011	0,120	FALSE
0,029	0,286	0,001	0,006	0,058	FALSE
0,032	0,293	0,002	0,011	0,078	FALSE
-0,022	0,285	0,000	0,012	0,009	FALSE
0,056	0,289	0,002	0,007	0,115	FALSE
0,057	0,286	0,001	0,006	0,083	FALSE
0,150	0,299	0,006	0,011	0,220	FALSE
0,125	0,286	0,005	0,011	0,174	FALSE
0,129	0,286	0,005	0,011	0,208	FALSE
0,115	0,300	0,005	0,011	0,170	FALSE
-0,170	0,301	-0,007	0,014	0,201	FALSE
-0,007	0,301	-0,001	0,008	0,031	FALSE
0,030	0,292	0,000	0,008	0,003	FALSE
-0,074	0,275	-0,001	0,008	0,041	FALSE
0,075	0,297	0,001	0,007	0,037	FALSE
0,004	0,301	0,000	0,012	0,013	FALSE

-0,047	0,294	-0,001	0,012	0,027	FALSE
-0,073	0,285	-0,001	0,009	0,061	FALSE
0,184	0,289	0,007	0,011	0,273	FALSE
-0,085	0,286	-0,003	0,010	0,128	FALSE
0,029	0,290	0,001	0,008	0,046	FALSE
-0,077	0,288	-0,004	0,008	0,203	FALSE
-0,079	0,280	-0,005	0,008	0,227	FALSE
-0,154	0,281	-0,003	0,010	0,120	FALSE
-0,111	0,280	-0,002	0,013	0,064	FALSE
0,131	0,294	0,006	0,013	0,191	FALSE
0,091	0,290	0,003	0,013	0,106	FALSE
-0,080	0,304	-0,003	0,013	0,077	FALSE
0,060	0,292	0,001	0,006	0,043	FALSE
-0,131	0,299	-0,006	0,013	0,167	FALSE
-0,075	0,287	-0,001	0,008	0,051	FALSE
-0,059	0,282	-0,003	0,010	0,133	FALSE
-0,022	0,289	-0,002	0,013	0,053	FALSE
0,057	0,282	0,001	0,006	0,078	FALSE
0,029	0,302	0,000	0,009	0,013	FALSE
-0,080	0,276	-0,005	0,013	0,173	FALSE
0,039	0,286	0,000	0,007	0,023	FALSE
-0,002	0,281	0,001	0,008	0,061	FALSE
-0,059	0,277	-0,001	0,010	0,039	FALSE
-0,016	0,288	0,000	0,010	0,001	FALSE
0,037	0,286	0,003	0,013	0,099	FALSE
-0,022	0,290	0,001	0,013	0,033	FALSE
0,149	0,282	0,004	0,007	0,237	FALSE
0,099	0,304	0,004	0,010	0,144	FALSE
-0,052	0,288	-0,001	0,008	0,045	FALSE
0,176	0,291	0,005	0,006	0,364	FALSE
-0,042	0,300	-0,001	0,007	0,048	FALSE
-0,012	0,297	0,001	0,011	0,021	FALSE
0,198	0,278	0,005	0,009	0,239	FALSE
-0,047	0,294	-0,001	0,007	0,060	FALSE
-0,028	0,291	-0,001	0,006	0,044	FALSE
0,110	0,290	0,004	0,010	0,138	FALSE
-0,021	0,298	-0,002	0,011	0,072	FALSE
0,093	0,290	0,002	0,007	0,120	FALSE
-0,046	0,291	-0,001	0,008	0,032	FALSE
0,167	0,269	0,004	0,007	0,233	FALSE
-0,128	0,298	-0,003	0,008	0,168	FALSE
0,044	0,280	0,000	0,012	0,001	FALSE
-0,102	0,285	-0,002	0,007	0,104	FALSE
-0,003	0,287	0,000	0,012	0,009	FALSE
0,068	0,288	0,002	0,008	0,099	FALSE
0,103	0,302	0,001	0,010	0,037	FALSE
-0,006	0,286	0,000	0,008	0,010	FALSE
0,007	0,289	0,000	0,007	0,022	FALSE
0,034	0,289	0,001	0,008	0,034	FALSE
0,007	0,299	0,000	0,012	0,014	FALSE
-0,127	0,283	-0,004	0,010	0,152	FALSE
0,058	0,294	0,003	0,011	0,105	FALSE
-0,093	0,286	-0,002	0,012	0,062	FALSE

0,048	0,275	0,003	0,009	0,125	FALSE
-0,124	0,285	-0,002	0,010	0,070	FALSE
0,086	0,289	0,002	0,011	0,073	FALSE
0,014	0,298	0,001	0,009	0,049	FALSE
0,059	0,298	0,001	0,009	0,061	FALSE
0,017	0,299	0,000	0,011	0,009	FALSE
-0,023	0,289	-0,001	0,007	0,045	FALSE
-0,182	0,284	-0,004	0,008	0,205	FALSE
0,063	0,283	0,002	0,007	0,111	FALSE
-0,083	0,279	-0,002	0,007	0,117	FALSE
-0,088	0,281	-0,002	0,008	0,104	FALSE
-0,075	0,274	-0,003	0,012	0,104	FALSE
-0,085	0,290	-0,002	0,009	0,098	FALSE
0,049	0,278	0,002	0,012	0,049	FALSE
0,139	0,282	0,004	0,008	0,234	FALSE
-0,006	0,287	-0,001	0,009	0,030	FALSE
0,089	0,279	0,002	0,007	0,097	FALSE
-0,059	0,295	-0,002	0,007	0,093	FALSE
0,096	0,279	0,001	0,007	0,081	FALSE
-0,110	0,298	-0,002	0,008	0,119	FALSE
-0,124	0,298	-0,005	0,012	0,147	FALSE
-0,061	0,287	-0,002	0,008	0,075	FALSE
-0,102	0,285	-0,002	0,006	0,150	FALSE
-0,083	0,278	-0,002	0,006	0,120	FALSE
-0,005	0,296	0,000	0,010	0,012	FALSE
-0,077	0,293	-0,002	0,010	0,063	FALSE
0,147	0,294	0,004	0,011	0,154	FALSE
0,079	0,279	0,001	0,008	0,066	FALSE
-0,107	0,296	-0,003	0,008	0,182	FALSE
0,104	0,298	0,003	0,010	0,123	FALSE
-0,059	0,295	-0,002	0,008	0,079	FALSE
0,006	0,292	0,001	0,010	0,020	FALSE
-0,012	0,287	-0,003	0,011	0,085	FALSE
-0,073	0,305	-0,003	0,013	0,095	FALSE
-0,034	0,287	-0,001	0,010	0,024	FALSE
-0,033	0,289	-0,001	0,007	0,051	FALSE
-0,045	0,302	-0,001	0,008	0,055	FALSE
0,016	0,285	0,002	0,007	0,100	FALSE
0,079	0,294	0,003	0,011	0,116	FALSE
0,031	0,295	0,003	0,012	0,081	FALSE
0,021	0,301	0,002	0,013	0,072	FALSE
-0,009	0,303	0,001	0,013	0,035	FALSE
-0,078	0,283	-0,002	0,009	0,097	FALSE
0,092	0,287	0,005	0,012	0,181	FALSE
0,058	0,287	0,001	0,011	0,045	FALSE
-0,046	0,300	-0,001	0,014	0,032	FALSE
0,028	0,283	0,000	0,007	0,005	FALSE
0,014	0,284	0,001	0,008	0,030	FALSE
0,073	0,289	0,003	0,013	0,072	FALSE
0,019	0,305	0,000	0,009	0,018	FALSE
0,083	0,293	0,001	0,007	0,067	FALSE
-0,052	0,282	-0,002	0,006	0,120	FALSE
0,022	0,294	0,002	0,012	0,051	FALSE

-0,019	0,284	0,001	0,011	0,021	FALSE
0,117	0,294	0,004	0,013	0,128	FALSE
-0,028	0,287	-0,002	0,012	0,070	FALSE
0,062	0,303	0,002	0,010	0,075	FALSE
0,051	0,287	0,002	0,010	0,062	FALSE
-0,024	0,297	0,001	0,009	0,046	FALSE
-0,129	0,292	-0,006	0,010	0,235	FALSE
-0,171	0,289	-0,007	0,013	0,233	FALSE
0,104	0,294	0,002	0,006	0,124	FALSE
0,041	0,303	0,001	0,007	0,052	FALSE
0,122	0,296	0,002	0,008	0,087	FALSE
0,026	0,290	0,002	0,013	0,047	FALSE
-0,097	0,285	-0,002	0,007	0,102	FALSE
0,062	0,290	0,002	0,007	0,135	FALSE
-0,049	0,295	-0,003	0,013	0,082	FALSE
-0,059	0,291	-0,003	0,011	0,117	FALSE
-0,066	0,282	-0,001	0,007	0,051	FALSE
-0,110	0,289	-0,004	0,008	0,181	FALSE
-0,107	0,287	-0,004	0,008	0,171	FALSE
-0,022	0,297	-0,001	0,010	0,057	FALSE
-0,021	0,284	-0,002	0,009	0,074	FALSE
-0,002	0,286	-0,001	0,013	0,032	FALSE
0,021	0,287	0,001	0,010	0,039	FALSE
-0,052	0,303	-0,002	0,010	0,063	FALSE
-0,137	0,289	-0,006	0,013	0,189	FALSE
-0,207	0,279	-0,010	0,012	0,367	FALSE
-0,137	0,281	-0,006	0,012	0,227	FALSE
0,046	0,284	0,000	0,007	0,018	FALSE
-0,009	0,290	0,000	0,008	0,001	FALSE
-0,011	0,294	-0,001	0,007	0,066	FALSE
0,014	0,286	0,000	0,006	0,026	FALSE
0,037	0,286	0,003	0,011	0,121	FALSE
-0,024	0,286	-0,002	0,009	0,086	FALSE
-0,055	0,281	-0,004	0,013	0,115	FALSE
-0,080	0,288	-0,005	0,013	0,160	FALSE
0,002	0,292	0,000	0,009	0,018	FALSE
0,030	0,287	0,000	0,008	0,003	FALSE
0,024	0,295	0,000	0,009	0,002	FALSE
0,039	0,286	0,004	0,013	0,128	FALSE
0,037	0,299	0,000	0,009	0,002	FALSE
-0,093	0,290	-0,006	0,013	0,187	FALSE
-0,088	0,274	-0,002	0,013	0,065	FALSE
-0,110	0,274	-0,003	0,013	0,082	FALSE
-0,041	0,276	0,000	0,006	0,005	FALSE
0,035	0,287	0,001	0,010	0,018	FALSE
-0,015	0,281	0,000	0,008	0,018	FALSE
-0,008	0,291	0,001	0,010	0,028	FALSE
-0,007	0,292	0,000	0,008	0,009	FALSE
0,108	0,288	0,003	0,011	0,096	FALSE
-0,092	0,290	-0,002	0,010	0,074	FALSE
0,054	0,284	0,000	0,013	0,014	FALSE
0,027	0,286	0,001	0,011	0,043	FALSE
0,000	0,288	0,000	0,009	0,005	FALSE

0,039	0,274	0,003	0,010	0,105	FALSE
0,078	0,288	0,003	0,013	0,095	FALSE
0,151	0,293	0,004	0,007	0,243	FALSE
0,074	0,280	0,001	0,012	0,025	FALSE
-0,027	0,287	-0,001	0,009	0,063	FALSE
-0,069	0,296	-0,004	0,012	0,125	FALSE
0,002	0,292	0,000	0,006	0,013	FALSE
0,010	0,287	-0,001	0,006	0,032	FALSE
-0,146	0,279	-0,006	0,011	0,209	FALSE
0,113	0,281	0,005	0,010	0,195	FALSE
-0,034	0,285	-0,001	0,007	0,046	FALSE
-0,009	0,294	-0,001	0,011	0,030	FALSE
-0,021	0,286	0,000	0,009	0,005	FALSE
-0,047	0,296	-0,001	0,006	0,037	FALSE
0,059	0,278	0,002	0,009	0,080	FALSE
-0,081	0,288	-0,004	0,011	0,125	FALSE
0,136	0,282	0,003	0,007	0,168	FALSE
0,130	0,294	0,003	0,013	0,087	FALSE
0,053	0,288	0,002	0,011	0,050	FALSE
0,139	0,293	0,003	0,006	0,204	FALSE
0,071	0,291	0,006	0,012	0,194	FALSE
-0,021	0,283	-0,001	0,007	0,065	FALSE
0,078	0,287	0,003	0,012	0,094	FALSE
-0,046	0,276	-0,002	0,011	0,053	FALSE
0,130	0,283	0,007	0,013	0,237	FALSE
-0,010	0,298	-0,001	0,008	0,036	FALSE
0,093	0,276	0,003	0,007	0,192	FALSE
0,187	0,282	0,006	0,009	0,283	FALSE
0,087	0,279	0,003	0,006	0,196	FALSE
-0,061	0,295	0,000	0,012	0,003	FALSE
-0,003	0,288	0,001	0,012	0,016	FALSE
-0,007	0,292	-0,001	0,007	0,040	FALSE
0,010	0,290	0,001	0,007	0,050	FALSE
0,058	0,288	0,001	0,006	0,064	FALSE
0,056	0,294	0,001	0,011	0,023	FALSE
-0,112	0,306	-0,002	0,010	0,090	FALSE
0,211	0,276	0,005	0,010	0,204	FALSE
-0,072	0,298	0,000	0,007	0,023	FALSE
0,096	0,285	0,002	0,007	0,147	FALSE
0,081	0,290	0,003	0,007	0,147	FALSE
-0,070	0,292	-0,003	0,010	0,128	FALSE
-0,142	0,290	-0,004	0,008	0,221	FALSE
-0,111	0,289	-0,004	0,008	0,215	FALSE
0,041	0,284	0,001	0,006	0,067	FALSE
0,004	0,284	0,001	0,009	0,049	FALSE
0,043	0,295	0,002	0,012	0,078	FALSE
-0,053	0,297	-0,003	0,013	0,089	FALSE
-0,008	0,272	-0,001	0,010	0,031	FALSE
-0,045	0,293	-0,001	0,007	0,070	FALSE
-0,001	0,305	0,000	0,009	0,006	FALSE
0,015	0,282	0,001	0,012	0,029	FALSE
0,021	0,293	0,000	0,006	0,002	FALSE
0,096	0,287	0,000	0,007	0,018	FALSE

-0,004	0,292	-0,001	0,010	0,018	FALSE
-0,099	0,277	-0,004	0,010	0,146	FALSE
0,006	0,293	0,000	0,007	0,001	FALSE
-0,052	0,293	-0,003	0,013	0,081	FALSE
0,005	0,297	-0,001	0,011	0,031	FALSE
-0,198	0,276	-0,006	0,010	0,262	FALSE
0,026	0,300	0,000	0,010	0,018	FALSE
-0,079	0,294	-0,003	0,012	0,092	FALSE
0,042	0,288	0,001	0,008	0,030	FALSE
-0,025	0,276	0,000	0,008	0,015	FALSE
-0,130	0,291	-0,003	0,008	0,139	FALSE
-0,118	0,280	-0,003	0,010	0,118	FALSE
-0,072	0,294	-0,001	0,007	0,057	FALSE
-0,057	0,282	-0,002	0,006	0,140	FALSE
-0,021	0,287	-0,002	0,011	0,052	FALSE
0,159	0,284	0,003	0,006	0,211	FALSE
0,008	0,287	0,000	0,009	0,006	FALSE
-0,040	0,288	-0,001	0,007	0,048	FALSE
0,132	0,286	0,003	0,011	0,121	FALSE
-0,019	0,309	-0,001	0,014	0,027	FALSE
-0,071	0,297	-0,002	0,010	0,085	FALSE
0,053	0,297	0,002	0,009	0,065	FALSE
0,084	0,282	0,001	0,006	0,069	FALSE
0,016	0,296	0,001	0,012	0,027	FALSE
-0,133	0,291	-0,004	0,009	0,196	FALSE
-0,013	0,292	0,000	0,008	0,021	FALSE
0,091	0,282	0,003	0,007	0,170	FALSE
0,072	0,287	0,003	0,008	0,141	FALSE
0,078	0,292	0,001	0,010	0,028	FALSE
0,056	0,295	0,001	0,006	0,069	FALSE
0,109	0,290	0,002	0,008	0,089	FALSE
-0,019	0,292	-0,001	0,010	0,047	FALSE
0,106	0,285	0,005	0,012	0,152	FALSE
-0,081	0,296	-0,003	0,008	0,146	FALSE
-0,066	0,289	-0,005	0,012	0,153	FALSE
-0,050	0,289	-0,002	0,012	0,063	FALSE
-0,014	0,296	-0,001	0,011	0,027	FALSE
-0,041	0,292	-0,002	0,010	0,053	FALSE
-0,022	0,284	0,001	0,008	0,061	FALSE
0,121	0,292	0,004	0,011	0,160	FALSE
0,036	0,293	0,001	0,010	0,049	FALSE
0,047	0,283	0,001	0,008	0,032	FALSE
0,036	0,279	0,001	0,009	0,044	FALSE
-0,038	0,290	-0,004	0,011	0,139	FALSE
0,097	0,284	0,003	0,006	0,176	FALSE
-0,041	0,281	-0,002	0,011	0,056	FALSE
-0,180	0,281	-0,007	0,011	0,273	FALSE
0,000	0,300	0,000	0,008	0,015	FALSE
0,094	0,289	0,004	0,008	0,193	FALSE
0,011	0,284	0,000	0,008	0,019	FALSE
0,172	0,285	0,005	0,008	0,260	FALSE
-0,075	0,279	-0,003	0,008	0,145	FALSE
0,013	0,292	-0,001	0,013	0,021	FALSE

-0,032	0,298	-0,002	0,011	0,068	FALSE
0,012	0,272	-0,001	0,010	0,044	FALSE
0,042	0,286	0,002	0,009	0,082	FALSE
-0,036	0,286	0,001	0,010	0,036	FALSE
-0,003	0,285	0,002	0,008	0,074	FALSE
-0,053	0,299	-0,001	0,013	0,043	FALSE
0,126	0,291	0,003	0,010	0,127	FALSE
-0,091	0,288	-0,004	0,013	0,131	FALSE
-0,056	0,292	-0,004	0,012	0,123	FALSE
-0,078	0,289	-0,004	0,013	0,131	FALSE
-0,079	0,282	-0,004	0,012	0,137	FALSE
-0,022	0,294	0,001	0,012	0,033	FALSE
-0,044	0,284	0,000	0,009	0,017	FALSE
-0,019	0,299	-0,001	0,007	0,071	FALSE
0,114	0,292	0,003	0,008	0,141	FALSE
-0,080	0,290	-0,002	0,008	0,079	FALSE
0,016	0,294	0,000	0,011	0,011	FALSE
-0,038	0,285	0,000	0,006	0,008	FALSE
0,044	0,291	0,000	0,007	0,002	FALSE
-0,034	0,292	0,000	0,008	0,016	FALSE
0,064	0,278	0,002	0,008	0,078	FALSE
0,026	0,285	0,004	0,013	0,119	FALSE
0,078	0,289	0,003	0,013	0,088	FALSE
0,185	0,284	0,005	0,006	0,329	FALSE
0,036	0,273	0,001	0,007	0,082	FALSE
0,031	0,292	0,002	0,009	0,081	FALSE
0,104	0,284	0,003	0,011	0,096	FALSE
-0,003	0,294	0,000	0,007	0,008	FALSE
0,005	0,295	0,000	0,011	0,009	FALSE
-0,101	0,282	-0,002	0,010	0,072	FALSE
-0,047	0,286	-0,002	0,010	0,078	FALSE
-0,090	0,294	-0,002	0,012	0,051	FALSE
-0,095	0,298	-0,003	0,010	0,114	FALSE
0,149	0,277	0,005	0,012	0,190	FALSE
0,123	0,288	0,005	0,011	0,200	FALSE
-0,134	0,293	-0,004	0,011	0,159	FALSE
0,050	0,293	0,002	0,011	0,080	FALSE
-0,181	0,295	-0,004	0,008	0,234	FALSE
0,093	0,280	0,003	0,013	0,094	FALSE
0,101	0,291	0,004	0,012	0,120	FALSE
-0,006	0,284	-0,001	0,007	0,063	FALSE
0,124	0,290	0,002	0,007	0,114	FALSE
0,214	0,285	0,010	0,012	0,366	FALSE
0,122	0,284	0,006	0,012	0,206	FALSE
0,096	0,289	0,002	0,011	0,080	FALSE
0,078	0,287	0,003	0,008	0,138	FALSE
0,012	0,299	0,003	0,013	0,081	FALSE
0,154	0,287	0,006	0,010	0,263	FALSE
-0,006	0,281	0,000	0,006	0,017	FALSE
0,106	0,309	0,005	0,012	0,187	FALSE
0,059	0,299	0,000	0,007	0,018	FALSE
-0,085	0,281	-0,002	0,011	0,055	FALSE
-0,077	0,281	-0,001	0,011	0,046	FALSE

-0,172	0,278	-0,008	0,011	0,334	FALSE
0,138	0,279	0,003	0,008	0,172	FALSE
0,113	0,292	0,004	0,011	0,155	FALSE
-0,148	0,287	-0,007	0,012	0,254	FALSE
-0,042	0,280	-0,002	0,007	0,096	FALSE
0,131	0,294	0,005	0,011	0,197	FALSE
0,033	0,297	0,000	0,007	0,018	FALSE
0,024	0,280	0,001	0,007	0,041	FALSE
0,112	0,283	0,002	0,006	0,139	FALSE
0,139	0,297	0,005	0,009	0,242	FALSE
-0,030	0,302	-0,001	0,012	0,026	FALSE
-0,027	0,310	-0,001	0,013	0,017	FALSE
-0,116	0,297	-0,007	0,012	0,246	FALSE
-0,041	0,306	-0,001	0,007	0,037	FALSE
-0,124	0,280	-0,006	0,011	0,233	FALSE
-0,116	0,288	-0,003	0,008	0,137	FALSE
-0,038	0,300	-0,001	0,008	0,052	FALSE
-0,038	0,286	0,000	0,007	0,017	FALSE
0,149	0,273	0,005	0,008	0,331	FALSE
0,106	0,281	0,005	0,013	0,138	FALSE
-0,089	0,304	-0,003	0,007	0,145	FALSE
0,005	0,278	-0,001	0,012	0,045	FALSE
0,089	0,292	0,004	0,012	0,150	FALSE
0,025	0,283	0,002	0,012	0,046	FALSE
0,009	0,293	-0,001	0,012	0,042	FALSE
0,161	0,286	0,003	0,008	0,149	FALSE
0,072	0,305	0,002	0,007	0,093	FALSE
-0,071	0,285	-0,001	0,006	0,050	FALSE
0,032	0,290	0,001	0,007	0,060	FALSE
0,050	0,302	0,001	0,007	0,074	FALSE
-0,037	0,285	-0,001	0,009	0,030	FALSE
0,009	0,295	-0,001	0,011	0,041	FALSE
-0,025	0,288	-0,001	0,008	0,030	FALSE
0,053	0,297	0,001	0,008	0,055	FALSE
0,052	0,290	0,002	0,011	0,073	FALSE
-0,069	0,281	0,000	0,010	0,003	FALSE
-0,019	0,283	-0,001	0,008	0,026	FALSE
0,016	0,302	0,000	0,013	0,010	FALSE
0,096	0,286	0,003	0,010	0,125	FALSE
0,068	0,295	0,002	0,010	0,064	FALSE
0,022	0,295	0,003	0,013	0,078	FALSE
-0,024	0,300	0,000	0,007	0,016	FALSE
0,004	0,295	-0,001	0,010	0,028	FALSE
0,034	0,285	0,001	0,009	0,026	FALSE
0,081	0,272	0,001	0,007	0,077	FALSE
-0,234	0,281	-0,008	0,010	0,375	FALSE
-0,121	0,280	-0,002	0,007	0,139	FALSE
-0,267	0,277	-0,008	0,009	0,438	FALSE
0,213	0,284	0,007	0,012	0,271	FALSE
0,203	0,279	0,008	0,013	0,259	FALSE
0,220	0,281	0,007	0,009	0,322	FALSE
-0,207	0,283	-0,005	0,008	0,272	FALSE
-0,135	0,270	-0,004	0,007	0,242	FALSE

-0,007	0,290	0,000	0,008	0,019	FALSE
0,142	0,295	0,004	0,010	0,182	FALSE
-0,078	0,294	-0,003	0,009	0,124	FALSE
-0,050	0,287	-0,001	0,013	0,033	FALSE
-0,073	0,297	-0,003	0,009	0,132	FALSE
0,156	0,272	0,005	0,008	0,290	FALSE
-0,065	0,300	-0,002	0,013	0,044	FALSE
-0,038	0,303	-0,002	0,013	0,053	FALSE
0,130	0,294	0,004	0,008	0,198	FALSE
-0,044	0,282	-0,001	0,007	0,057	FALSE
-0,025	0,272	0,001	0,007	0,043	FALSE
0,026	0,283	0,000	0,010	0,011	FALSE
-0,026	0,301	-0,002	0,011	0,052	FALSE
0,044	0,287	0,002	0,012	0,056	FALSE
-0,046	0,290	-0,003	0,011	0,094	FALSE
0,003	0,289	0,000	0,010	0,008	FALSE
-0,171	0,276	-0,006	0,010	0,230	FALSE
-0,017	0,273	0,000	0,009	0,002	FALSE
0,020	0,282	0,001	0,007	0,032	FALSE
-0,058	0,292	-0,002	0,007	0,080	FALSE
0,018	0,290	0,001	0,007	0,049	FALSE
0,075	0,294	0,002	0,011	0,052	FALSE
0,035	0,286	0,002	0,011	0,063	FALSE
-0,059	0,287	-0,001	0,012	0,034	FALSE
-0,047	0,285	-0,002	0,008	0,107	FALSE
0,115	0,278	0,001	0,006	0,072	FALSE
-0,087	0,293	-0,002	0,009	0,110	FALSE
-0,114	0,285	-0,003	0,008	0,164	FALSE
-0,031	0,291	-0,002	0,012	0,061	FALSE
0,033	0,278	0,001	0,010	0,026	FALSE
0,043	0,290	0,002	0,010	0,060	FALSE
-0,018	0,286	-0,001	0,007	0,038	FALSE
-0,043	0,265	-0,003	0,011	0,091	FALSE
0,059	0,288	0,001	0,007	0,053	FALSE
0,001	0,288	-0,002	0,012	0,057	FALSE
0,024	0,303	0,001	0,008	0,036	FALSE
0,043	0,287	0,005	0,011	0,177	FALSE
0,016	0,293	0,001	0,008	0,056	FALSE
0,040	0,304	0,001	0,007	0,025	FALSE
-0,085	0,279	-0,001	0,007	0,047	FALSE
-0,009	0,295	0,002	0,013	0,062	FALSE
0,035	0,289	-0,001	0,013	0,021	FALSE
-0,046	0,293	0,000	0,013	0,008	FALSE
0,058	0,286	0,004	0,013	0,121	FALSE
0,052	0,276	0,000	0,011	0,006	FALSE
-0,076	0,295	-0,003	0,013	0,096	FALSE
-0,060	0,286	-0,003	0,013	0,086	FALSE
-0,084	0,291	-0,003	0,013	0,100	FALSE
0,169	0,283	0,005	0,012	0,194	FALSE
-0,076	0,285	-0,002	0,008	0,104	FALSE
-0,116	0,298	-0,002	0,007	0,116	FALSE
-0,103	0,293	-0,002	0,011	0,055	FALSE
-0,007	0,278	-0,002	0,011	0,063	FALSE

0,128	0,294	0,004	0,012	0,143	FALSE
0,051	0,308	0,002	0,013	0,055	FALSE
0,023	0,303	0,000	0,008	0,010	FALSE
-0,055	0,299	-0,001	0,009	0,051	FALSE
0,030	0,288	-0,001	0,007	0,032	FALSE
0,046	0,293	0,001	0,009	0,037	FALSE
0,013	0,287	0,000	0,009	0,004	FALSE
0,047	0,289	0,002	0,010	0,068	FALSE
0,033	0,287	0,001	0,009	0,034	FALSE
0,100	0,276	0,004	0,012	0,118	FALSE
-0,055	0,288	-0,001	0,010	0,056	FALSE
0,102	0,294	0,003	0,011	0,098	FALSE
-0,038	0,300	-0,002	0,013	0,045	FALSE
-0,047	0,291	-0,002	0,013	0,051	FALSE
0,004	0,294	0,001	0,013	0,022	FALSE
0,107	0,284	0,003	0,009	0,160	FALSE
0,095	0,290	0,002	0,008	0,114	FALSE
0,044	0,293	0,004	0,011	0,154	FALSE
-0,092	0,286	-0,002	0,010	0,080	FALSE
0,070	0,291	0,002	0,009	0,068	FALSE
-0,075	0,303	-0,002	0,007	0,096	FALSE
0,067	0,290	0,001	0,007	0,037	FALSE
-0,020	0,308	-0,001	0,010	0,056	FALSE
0,049	0,287	0,002	0,007	0,131	FALSE
0,001	0,297	-0,001	0,009	0,023	FALSE
0,023	0,306	0,000	0,013	0,003	FALSE
-0,095	0,292	-0,004	0,009	0,160	FALSE
-0,102	0,293	-0,002	0,007	0,123	FALSE
0,056	0,286	0,001	0,008	0,047	FALSE
-0,010	0,283	0,001	0,009	0,036	FALSE
-0,057	0,303	-0,003	0,010	0,124	FALSE
-0,103	0,276	-0,006	0,012	0,194	FALSE
-0,082	0,294	-0,003	0,009	0,127	FALSE
0,049	0,299	0,001	0,011	0,019	FALSE
-0,100	0,289	-0,003	0,009	0,128	FALSE
-0,041	0,296	0,000	0,013	0,008	FALSE
-0,043	0,286	-0,003	0,012	0,087	FALSE
0,128	0,286	0,002	0,007	0,117	FALSE
-0,111	0,289	-0,002	0,009	0,089	FALSE
0,024	0,290	0,000	0,010	0,010	FALSE
-0,126	0,292	-0,004	0,009	0,176	FALSE
-0,120	0,280	-0,004	0,009	0,173	FALSE
0,075	0,306	0,002	0,008	0,102	FALSE
0,086	0,297	0,002	0,007	0,089	FALSE
-0,223	0,276	-0,004	0,007	0,302	FALSE
-0,043	0,286	-0,001	0,010	0,035	FALSE
0,077	0,296	0,001	0,007	0,073	FALSE
-0,138	0,295	-0,004	0,009	0,189	FALSE
0,091	0,290	0,001	0,010	0,034	FALSE
0,088	0,287	0,001	0,008	0,035	FALSE
0,020	0,290	0,001	0,007	0,031	FALSE
0,022	0,301	0,002	0,012	0,050	FALSE
-0,116	0,289	-0,002	0,009	0,069	FALSE

0,072	0,290	0,004	0,012	0,111	FALSE
0,008	0,284	0,001	0,010	0,036	FALSE
-0,125	0,302	-0,003	0,007	0,199	FALSE
-0,022	0,284	0,000	0,009	0,013	FALSE
-0,054	0,282	-0,002	0,009	0,078	FALSE
0,031	0,282	0,001	0,009	0,051	FALSE
0,019	0,284	0,002	0,012	0,063	FALSE
0,122	0,294	0,003	0,008	0,131	FALSE
0,012	0,292	-0,001	0,007	0,030	FALSE
-0,084	0,283	-0,003	0,013	0,105	FALSE
0,135	0,272	0,006	0,012	0,190	FALSE
0,033	0,274	-0,001	0,009	0,020	FALSE
0,139	0,285	0,006	0,009	0,286	FALSE
0,147	0,284	0,005	0,013	0,178	FALSE
-0,123	0,279	-0,003	0,007	0,157	FALSE
-0,113	0,277	-0,003	0,008	0,126	FALSE
-0,010	0,291	-0,001	0,012	0,035	FALSE
-0,055	0,295	-0,002	0,012	0,054	FALSE
-0,153	0,290	-0,006	0,011	0,221	FALSE
-0,067	0,282	-0,003	0,011	0,116	FALSE
0,111	0,299	0,002	0,008	0,102	FALSE
0,034	0,301	-0,001	0,008	0,028	FALSE
0,003	0,287	0,001	0,013	0,021	FALSE
-0,095	0,290	-0,005	0,012	0,177	FALSE
-0,272	0,278	-0,007	0,008	0,414	FALSE
0,144	0,287	0,005	0,009	0,214	FALSE
0,043	0,293	0,003	0,011	0,107	FALSE
0,043	0,287	0,003	0,009	0,125	FALSE
0,016	0,290	0,001	0,010	0,041	FALSE
-0,141	0,275	-0,002	0,006	0,159	FALSE
0,073	0,286	0,001	0,007	0,033	FALSE
0,059	0,297	0,000	0,007	0,021	FALSE
-0,021	0,303	0,000	0,007	0,024	FALSE
-0,042	0,284	-0,002	0,012	0,066	FALSE
0,071	0,298	0,001	0,011	0,047	FALSE
0,126	0,291	0,003	0,006	0,164	FALSE
0,000	0,286	0,000	0,009	0,016	FALSE
-0,010	0,294	0,000	0,009	0,018	FALSE
-0,045	0,305	-0,002	0,010	0,083	FALSE
-0,026	0,296	-0,001	0,007	0,077	FALSE
0,032	0,293	0,001	0,007	0,031	FALSE
0,173	0,307	0,004	0,007	0,248	FALSE
0,106	0,287	0,003	0,008	0,139	FALSE
-0,020	0,290	-0,001	0,009	0,027	FALSE
-0,063	0,307	-0,003	0,008	0,138	FALSE
-0,013	0,295	-0,002	0,007	0,112	FALSE
-0,057	0,290	-0,003	0,010	0,098	FALSE
0,095	0,293	0,002	0,010	0,092	FALSE
0,011	0,295	0,001	0,007	0,034	FALSE
0,080	0,293	0,001	0,007	0,059	FALSE
0,018	0,285	0,000	0,013	0,009	FALSE
-0,017	0,286	0,000	0,012	0,012	FALSE
0,063	0,291	0,000	0,006	0,002	FALSE

-0,003	0,286	0,001	0,007	0,067	FALSE
-0,005	0,299	-0,001	0,012	0,021	FALSE
-0,076	0,276	-0,002	0,008	0,102	FALSE
0,264	0,281	0,007	0,010	0,320	FALSE
0,062	0,288	0,002	0,008	0,115	FALSE
0,059	0,303	0,000	0,008	0,001	FALSE
0,045	0,308	0,000	0,009	0,015	FALSE
-0,014	0,256	0,000	0,011	0,011	FALSE
-0,053	0,301	-0,003	0,010	0,108	FALSE
-0,130	0,282	-0,003	0,008	0,140	FALSE
-0,011	0,293	-0,001	0,011	0,040	FALSE
-0,094	0,285	-0,003	0,010	0,119	FALSE
-0,100	0,299	-0,003	0,010	0,109	FALSE
-0,007	0,284	0,000	0,006	0,028	FALSE
0,014	0,286	-0,002	0,009	0,073	FALSE
0,059	0,283	0,002	0,011	0,067	FALSE
0,015	0,293	0,000	0,009	0,005	FALSE
-0,004	0,272	0,002	0,009	0,068	FALSE
-0,111	0,287	-0,004	0,013	0,132	FALSE
-0,015	0,273	0,001	0,013	0,015	FALSE
-0,002	0,280	0,002	0,013	0,044	FALSE
-0,068	0,285	-0,003	0,013	0,098	FALSE
0,039	0,258	0,000	0,012	0,002	FALSE
0,020	0,307	0,000	0,010	0,002	FALSE
0,011	0,293	0,000	0,009	0,012	FALSE
0,010	0,294	0,000	0,010	0,010	FALSE
0,012	0,302	0,000	0,011	0,003	FALSE
-0,008	0,304	-0,001	0,010	0,021	FALSE
-0,001	0,286	0,001	0,012	0,016	FALSE
-0,080	0,299	-0,005	0,014	0,131	FALSE
0,066	0,282	0,004	0,010	0,144	FALSE
-0,007	0,290	0,000	0,013	0,011	FALSE
-0,122	0,282	-0,002	0,007	0,120	FALSE
0,011	0,289	-0,001	0,007	0,038	FALSE
-0,020	0,291	-0,001	0,008	0,061	FALSE
-0,019	0,293	0,000	0,006	0,020	FALSE
0,094	0,281	0,002	0,007	0,079	FALSE
0,007	0,295	0,001	0,009	0,050	FALSE
-0,048	0,297	0,000	0,009	0,005	FALSE
-0,035	0,291	0,000	0,008	0,004	FALSE
0,172	0,280	0,003	0,008	0,129	FALSE
-0,183	0,281	-0,006	0,012	0,234	FALSE
0,021	0,293	0,002	0,013	0,045	FALSE
-0,123	0,288	-0,004	0,011	0,143	FALSE
-0,111	0,279	-0,006	0,011	0,263	FALSE
0,016	0,276	0,000	0,006	0,027	FALSE
-0,029	0,300	-0,001	0,011	0,027	FALSE
-0,045	0,285	0,000	0,007	0,024	FALSE
0,090	0,301	0,004	0,011	0,140	FALSE
-0,137	0,277	-0,002	0,007	0,116	FALSE
0,136	0,287	0,004	0,007	0,213	FALSE
-0,063	0,279	-0,002	0,008	0,111	FALSE
0,074	0,296	0,002	0,007	0,083	FALSE

0,064	0,303	0,002	0,008	0,067	FALSE
-0,041	0,304	-0,002	0,008	0,075	FALSE
-0,002	0,283	0,001	0,012	0,031	FALSE
-0,066	0,300	-0,001	0,010	0,047	FALSE
-0,064	0,304	-0,001	0,010	0,035	FALSE
-0,100	0,293	-0,002	0,013	0,048	FALSE
0,100	0,281	0,003	0,008	0,133	FALSE
-0,121	0,290	-0,003	0,008	0,130	FALSE
-0,032	0,300	0,000	0,007	0,024	FALSE
-0,022	0,293	0,000	0,007	0,010	FALSE
-0,013	0,310	-0,001	0,010	0,022	FALSE
-0,065	0,302	-0,001	0,008	0,065	FALSE
-0,099	0,279	-0,003	0,009	0,134	FALSE
-0,093	0,289	-0,002	0,006	0,122	FALSE
0,052	0,308	0,001	0,013	0,041	FALSE
-0,063	0,286	-0,003	0,007	0,147	FALSE
-0,079	0,286	-0,004	0,011	0,158	FALSE
0,072	0,287	0,003	0,011	0,092	FALSE
0,016	0,292	0,002	0,013	0,049	FALSE
-0,153	0,288	-0,007	0,012	0,239	FALSE
0,098	0,277	0,005	0,010	0,194	FALSE
0,063	0,288	0,001	0,009	0,047	FALSE
-0,036	0,271	-0,001	0,006	0,064	FALSE
0,005	0,283	0,000	0,010	0,015	FALSE
0,123	0,281	0,004	0,011	0,165	FALSE
0,069	0,279	0,001	0,008	0,033	FALSE
0,017	0,289	0,000	0,009	0,010	FALSE
-0,183	0,287	-0,005	0,009	0,250	FALSE
-0,044	0,294	-0,001	0,009	0,045	FALSE
-0,048	0,277	-0,004	0,013	0,139	FALSE
0,237	0,303	0,010	0,013	0,343	FALSE
0,005	0,281	0,001	0,010	0,041	FALSE
0,098	0,291	0,004	0,010	0,154	FALSE
0,011	0,295	0,000	0,013	0,005	FALSE
0,018	0,295	0,000	0,013	0,011	FALSE
0,087	0,299	0,003	0,010	0,123	FALSE
-0,047	0,293	-0,003	0,011	0,090	FALSE
-0,037	0,291	0,000	0,008	0,014	FALSE
0,138	0,276	0,006	0,011	0,236	FALSE
0,123	0,285	0,006	0,011	0,211	FALSE
-0,077	0,287	-0,001	0,013	0,035	FALSE
-0,063	0,293	-0,001	0,013	0,014	FALSE
0,050	0,292	0,001	0,007	0,032	FALSE
-0,019	0,293	-0,003	0,012	0,083	FALSE
0,080	0,288	0,001	0,007	0,054	FALSE
0,081	0,284	0,001	0,007	0,078	FALSE
-0,043	0,294	-0,001	0,012	0,024	FALSE
0,015	0,305	0,001	0,008	0,039	FALSE
-0,050	0,293	-0,002	0,007	0,086	FALSE
0,166	0,277	0,006	0,009	0,269	FALSE
0,107	0,278	0,004	0,010	0,174	FALSE
-0,058	0,285	0,000	0,011	0,006	FALSE
-0,103	0,284	-0,001	0,007	0,075	FALSE

0,025	0,286	0,000	0,007	0,024	FALSE
0,013	0,289	-0,001	0,007	0,040	FALSE
-0,105	0,285	-0,003	0,007	0,142	FALSE
0,017	0,297	-0,001	0,011	0,039	FALSE
-0,037	0,292	-0,001	0,013	0,034	FALSE
0,076	0,291	0,004	0,010	0,155	FALSE
0,045	0,287	0,002	0,009	0,094	FALSE
0,044	0,271	0,002	0,006	0,162	FALSE
-0,009	0,291	-0,001	0,012	0,022	FALSE
-0,183	0,278	-0,005	0,011	0,182	FALSE
0,102	0,287	0,002	0,013	0,050	FALSE
-0,221	0,274	-0,007	0,012	0,271	FALSE
-0,073	0,296	-0,002	0,010	0,080	FALSE
0,010	0,288	0,001	0,008	0,054	FALSE
-0,052	0,283	-0,001	0,010	0,055	FALSE
-0,051	0,283	-0,003	0,012	0,086	FALSE
0,108	0,290	0,002	0,006	0,106	FALSE
-0,049	0,294	-0,002	0,012	0,080	FALSE
-0,008	0,298	-0,001	0,012	0,025	FALSE
-0,168	0,273	-0,003	0,008	0,156	FALSE
-0,009	0,296	-0,001	0,009	0,044	FALSE
-0,112	0,287	-0,004	0,012	0,126	FALSE
-0,135	0,290	-0,005	0,012	0,181	FALSE
0,062	0,304	0,000	0,007	0,009	FALSE
0,116	0,283	0,007	0,012	0,248	FALSE
-0,004	0,292	-0,001	0,007	0,054	FALSE
0,057	0,291	0,001	0,009	0,033	FALSE
0,076	0,289	0,006	0,012	0,188	FALSE
-0,121	0,288	-0,007	0,013	0,224	FALSE
0,081	0,300	0,005	0,013	0,164	FALSE
-0,120	0,293	-0,006	0,013	0,211	FALSE
0,194	0,291	0,004	0,008	0,205	FALSE
0,124	0,275	0,005	0,012	0,195	FALSE
0,159	0,281	0,004	0,008	0,219	FALSE
0,099	0,295	0,003	0,011	0,107	FALSE
0,021	0,303	0,001	0,013	0,032	FALSE
0,076	0,302	0,002	0,011	0,050	FALSE
-0,045	0,285	0,000	0,007	0,014	FALSE
0,021	0,291	0,002	0,010	0,059	FALSE
-0,186	0,284	-0,003	0,008	0,188	FALSE
0,107	0,306	0,003	0,012	0,105	FALSE
-0,040	0,284	-0,001	0,012	0,020	FALSE
-0,008	0,300	0,000	0,007	0,008	FALSE
0,152	0,297	0,004	0,013	0,123	FALSE
0,118	0,299	0,004	0,011	0,133	FALSE
-0,002	0,283	0,001	0,008	0,030	FALSE
-0,006	0,289	-0,001	0,008	0,057	FALSE
-0,191	0,290	-0,003	0,007	0,204	FALSE
0,106	0,286	0,001	0,008	0,062	FALSE
-0,077	0,282	-0,002	0,009	0,079	FALSE
0,027	0,297	0,000	0,007	0,008	FALSE
-0,096	0,301	-0,003	0,008	0,174	FALSE
0,040	0,286	0,000	0,012	0,007	FALSE

0,023	0,300	0,000	0,010	0,004	FALSE
-0,129	0,277	-0,008	0,012	0,294	FALSE
-0,032	0,298	-0,001	0,010	0,024	FALSE
-0,097	0,287	-0,003	0,009	0,139	FALSE
0,034	0,278	0,000	0,007	0,002	FALSE
-0,027	0,298	-0,001	0,010	0,049	FALSE
0,023	0,285	-0,001	0,013	0,033	FALSE
0,121	0,279	0,006	0,011	0,221	FALSE
0,059	0,292	0,002	0,008	0,079	FALSE
0,077	0,283	0,002	0,007	0,112	FALSE
0,064	0,286	0,002	0,011	0,079	FALSE
-0,031	0,283	-0,001	0,008	0,028	FALSE
0,107	0,288	0,003	0,007	0,146	FALSE
-0,021	0,292	-0,002	0,007	0,086	FALSE
-0,160	0,290	-0,003	0,006	0,183	FALSE
-0,158	0,285	-0,003	0,006	0,188	FALSE
-0,034	0,303	-0,002	0,013	0,058	FALSE
0,065	0,289	0,003	0,013	0,097	FALSE
-0,081	0,291	-0,003	0,009	0,137	FALSE
0,010	0,261	0,000	0,008	0,020	FALSE
0,014	0,287	0,000	0,011	0,011	FALSE
0,024	0,291	0,001	0,006	0,072	FALSE
-0,117	0,289	-0,003	0,010	0,131	FALSE
-0,069	0,296	-0,001	0,010	0,022	FALSE
-0,015	0,279	-0,002	0,006	0,098	FALSE
-0,008	0,291	-0,001	0,007	0,078	FALSE
0,191	0,271	0,007	0,012	0,248	FALSE
-0,014	0,288	-0,001	0,008	0,057	FALSE
-0,010	0,284	-0,001	0,008	0,046	FALSE
0,035	0,285	0,001	0,008	0,072	FALSE
-0,023	0,282	-0,002	0,007	0,097	FALSE
0,091	0,280	0,003	0,008	0,136	FALSE
0,095	0,286	0,004	0,008	0,189	FALSE
0,027	0,291	0,001	0,007	0,036	FALSE
-0,078	0,296	-0,001	0,008	0,052	FALSE
0,054	0,282	0,002	0,011	0,065	FALSE
0,010	0,298	0,000	0,011	0,009	FALSE
-0,095	0,276	-0,003	0,009	0,121	FALSE
0,111	0,290	0,004	0,013	0,130	FALSE
0,076	0,284	0,003	0,010	0,120	FALSE
0,024	0,287	-0,001	0,006	0,050	FALSE
0,017	0,280	0,002	0,009	0,069	FALSE
0,032	0,297	0,001	0,010	0,049	FALSE
-0,089	0,286	-0,002	0,008	0,086	FALSE
-0,112	0,279	-0,002	0,007	0,106	FALSE
0,019	0,301	0,003	0,012	0,082	FALSE
-0,128	0,289	-0,002	0,008	0,101	FALSE
-0,032	0,302	-0,001	0,007	0,058	FALSE
0,113	0,295	0,005	0,011	0,182	FALSE
-0,027	0,295	-0,001	0,007	0,036	FALSE
-0,049	0,302	0,000	0,009	0,018	FALSE
0,150	0,297	0,005	0,009	0,222	FALSE
0,030	0,290	0,002	0,007	0,092	FALSE

0,070	0,287	0,002	0,009	0,076	FALSE
-0,033	0,280	0,000	0,008	0,011	FALSE
-0,161	0,282	-0,005	0,013	0,145	FALSE
-0,147	0,271	-0,004	0,013	0,131	FALSE
0,033	0,289	0,000	0,009	0,008	FALSE
-0,049	0,277	-0,002	0,006	0,156	FALSE
-0,016	0,294	0,001	0,007	0,055	FALSE
-0,069	0,318	-0,004	0,013	0,106	FALSE
-0,011	0,280	-0,001	0,012	0,017	FALSE
-0,020	0,286	0,000	0,013	0,012	FALSE
0,043	0,295	0,002	0,009	0,075	FALSE
0,029	0,287	0,001	0,006	0,030	FALSE
0,098	0,299	0,004	0,010	0,182	FALSE
0,048	0,289	0,001	0,009	0,042	FALSE
-0,098	0,296	-0,001	0,007	0,080	FALSE
-0,058	0,296	-0,001	0,009	0,044	FALSE
-0,001	0,282	0,000	0,010	0,004	FALSE
0,031	0,283	0,001	0,010	0,047	FALSE
0,026	0,300	0,000	0,009	0,019	FALSE
-0,153	0,286	-0,003	0,009	0,157	FALSE
-0,040	0,291	0,000	0,009	0,019	FALSE
0,077	0,292	0,001	0,008	0,044	FALSE
0,154	0,293	0,004	0,009	0,189	FALSE
-0,152	0,286	-0,004	0,009	0,171	FALSE
-0,042	0,283	-0,002	0,007	0,103	FALSE
-0,015	0,300	-0,001	0,008	0,054	FALSE
0,093	0,290	0,002	0,011	0,073	FALSE
0,025	0,296	0,001	0,012	0,029	FALSE
-0,109	0,284	-0,002	0,006	0,107	FALSE
-0,064	0,300	-0,002	0,009	0,077	FALSE
-0,148	0,275	-0,003	0,006	0,156	FALSE
0,005	0,301	0,000	0,007	0,010	FALSE
-0,106	0,280	-0,002	0,006	0,101	FALSE
-0,023	0,295	0,000	0,008	0,011	FALSE
-0,011	0,288	-0,001	0,007	0,037	FALSE
0,013	0,299	0,000	0,008	0,007	FALSE
-0,028	0,298	-0,001	0,012	0,045	FALSE
0,104	0,290	0,002	0,006	0,103	FALSE
-0,061	0,292	-0,002	0,009	0,083	FALSE
-0,002	0,284	-0,002	0,011	0,063	FALSE
-0,006	0,284	-0,001	0,010	0,038	FALSE
0,082	0,279	0,002	0,010	0,089	FALSE
0,066	0,293	0,002	0,010	0,060	FALSE
-0,002	0,295	0,000	0,007	0,011	FALSE
-0,077	0,296	-0,002	0,010	0,060	FALSE
0,145	0,290	0,005	0,009	0,238	FALSE
0,015	0,294	0,002	0,008	0,080	FALSE
0,105	0,300	0,001	0,009	0,049	FALSE
0,035	0,282	0,002	0,009	0,090	FALSE
-0,128	0,291	-0,003	0,008	0,156	FALSE
-0,154	0,275	-0,004	0,008	0,209	FALSE
0,015	0,290	0,000	0,008	0,010	FALSE
-0,076	0,294	-0,004	0,012	0,110	FALSE

0,140	0,285	0,004	0,007	0,215	FALSE
0,014	0,271	0,000	0,012	0,001	FALSE
-0,056	0,288	-0,002	0,009	0,087	FALSE
0,008	0,295	0,000	0,008	0,010	FALSE
-0,100	0,299	-0,003	0,008	0,133	FALSE
-0,122	0,288	-0,002	0,009	0,095	FALSE
-0,047	0,290	-0,001	0,007	0,043	FALSE
-0,075	0,292	-0,002	0,007	0,138	FALSE
-0,028	0,280	-0,001	0,010	0,052	FALSE
-0,094	0,291	-0,002	0,011	0,067	FALSE
0,118	0,289	0,004	0,008	0,189	FALSE
0,028	0,292	0,003	0,012	0,096	FALSE
0,051	0,302	0,001	0,009	0,029	FALSE
-0,080	0,282	-0,003	0,007	0,166	FALSE
0,059	0,278	0,004	0,011	0,147	FALSE
0,118	0,288	0,007	0,011	0,256	FALSE
0,043	0,285	0,004	0,011	0,127	FALSE
-0,036	0,289	0,000	0,008	0,005	FALSE
-0,116	0,299	-0,005	0,013	0,141	FALSE
0,086	0,285	0,002	0,011	0,062	FALSE
-0,099	0,287	-0,003	0,007	0,145	FALSE
0,058	0,295	0,002	0,009	0,106	FALSE
-0,017	0,294	0,000	0,011	0,010	FALSE
0,033	0,300	0,001	0,008	0,031	FALSE
-0,094	0,281	0,000	0,010	0,005	FALSE
0,034	0,282	0,001	0,008	0,034	FALSE
0,108	0,280	0,002	0,010	0,085	FALSE
-0,048	0,286	-0,002	0,012	0,051	FALSE
0,145	0,287	0,004	0,009	0,190	FALSE
0,098	0,284	0,002	0,007	0,085	FALSE
-0,042	0,292	-0,001	0,008	0,045	FALSE
-0,066	0,286	-0,002	0,008	0,092	FALSE
0,036	0,273	0,001	0,009	0,037	FALSE
0,058	0,293	0,002	0,012	0,067	FALSE
0,047	0,289	0,002	0,011	0,062	FALSE
-0,075	0,282	-0,003	0,011	0,127	FALSE
-0,050	0,295	-0,002	0,010	0,085	FALSE
-0,078	0,279	-0,002	0,009	0,082	FALSE
-0,041	0,288	-0,002	0,011	0,089	FALSE
0,026	0,294	0,001	0,010	0,024	FALSE
-0,052	0,297	-0,003	0,013	0,105	FALSE
0,115	0,295	0,003	0,006	0,196	FALSE
0,050	0,277	0,001	0,007	0,055	FALSE
0,048	0,285	0,001	0,011	0,040	FALSE
-0,045	0,278	-0,001	0,011	0,043	FALSE
-0,093	0,292	-0,004	0,013	0,118	FALSE
-0,046	0,288	-0,001	0,011	0,047	FALSE
0,106	0,286	0,005	0,013	0,144	FALSE
-0,010	0,296	-0,003	0,013	0,081	FALSE
0,148	0,291	0,004	0,007	0,220	FALSE
-0,024	0,287	0,001	0,012	0,035	FALSE
0,112	0,289	0,003	0,007	0,152	FALSE
0,015	0,282	0,000	0,008	0,010	FALSE

-0,038	0,288	-0,002	0,008	0,093	FALSE
-0,022	0,297	-0,002	0,011	0,055	FALSE
0,036	0,292	0,001	0,009	0,053	FALSE
0,003	0,292	0,000	0,013	0,011	FALSE
-0,009	0,291	0,000	0,007	0,022	FALSE
0,098	0,296	0,003	0,012	0,108	FALSE
0,011	0,289	0,001	0,012	0,036	FALSE
-0,012	0,289	0,000	0,007	0,018	FALSE
-0,004	0,282	0,000	0,012	0,001	FALSE
0,087	0,294	0,003	0,013	0,076	FALSE
-0,021	0,303	0,000	0,009	0,017	FALSE
-0,002	0,283	-0,001	0,012	0,028	FALSE
-0,074	0,288	-0,003	0,012	0,083	FALSE
0,004	0,289	0,000	0,007	0,002	FALSE
0,018	0,287	0,000	0,007	0,007	FALSE
0,039	0,288	0,002	0,009	0,100	FALSE
-0,120	0,297	-0,004	0,007	0,206	FALSE
0,017	0,291	0,000	0,006	0,020	FALSE
-0,096	0,277	-0,001	0,010	0,053	FALSE
0,021	0,287	0,000	0,008	0,004	FALSE
0,074	0,299	0,001	0,007	0,070	FALSE
-0,118	0,287	-0,002	0,010	0,068	FALSE
-0,071	0,281	-0,001	0,007	0,068	FALSE
-0,004	0,288	-0,001	0,008	0,064	FALSE
-0,030	0,289	-0,001	0,006	0,072	FALSE
0,041	0,286	0,002	0,007	0,110	FALSE
0,016	0,293	0,002	0,008	0,085	FALSE
-0,130	0,293	-0,004	0,011	0,146	FALSE
-0,027	0,281	-0,003	0,011	0,095	FALSE
0,045	0,305	0,002	0,011	0,082	FALSE
0,111	0,289	0,002	0,006	0,119	FALSE
0,137	0,288	0,003	0,006	0,232	FALSE
0,116	0,302	0,002	0,012	0,068	FALSE
0,022	0,310	-0,001	0,010	0,034	FALSE
-0,013	0,279	0,000	0,012	0,012	FALSE
-0,070	0,293	-0,003	0,010	0,120	FALSE
0,117	0,292	0,004	0,010	0,165	FALSE
-0,080	0,285	-0,003	0,007	0,141	FALSE
-0,035	0,279	-0,002	0,009	0,066	FALSE
-0,154	0,277	-0,006	0,010	0,231	FALSE
-0,056	0,281	-0,004	0,009	0,187	FALSE
-0,020	0,288	-0,001	0,011	0,049	FALSE
-0,112	0,293	-0,004	0,010	0,172	FALSE
0,031	0,284	0,002	0,010	0,058	FALSE
0,080	0,304	0,002	0,011	0,087	FALSE
0,022	0,287	0,001	0,008	0,047	FALSE
-0,208	0,272	-0,006	0,008	0,292	FALSE
-0,246	0,281	-0,008	0,009	0,399	FALSE
-0,090	0,275	-0,004	0,011	0,155	FALSE
-0,077	0,296	-0,003	0,008	0,151	FALSE
-0,013	0,295	-0,001	0,008	0,029	FALSE
-0,093	0,295	-0,003	0,012	0,109	FALSE
0,098	0,279	0,003	0,012	0,093	FALSE

-0,099	0,298	-0,003	0,008	0,169	FALSE
-0,033	0,285	-0,001	0,011	0,048	FALSE
-0,031	0,310	-0,001	0,007	0,032	FALSE
-0,091	0,289	-0,002	0,012	0,053	FALSE
0,009	0,300	0,001	0,013	0,016	FALSE
0,005	0,284	-0,001	0,006	0,035	FALSE
0,020	0,306	0,000	0,007	0,015	FALSE
-0,033	0,285	-0,001	0,007	0,051	FALSE
-0,086	0,302	-0,002	0,007	0,090	FALSE
-0,070	0,285	-0,005	0,013	0,141	FALSE
0,009	0,283	0,000	0,007	0,004	FALSE
-0,010	0,301	-0,001	0,013	0,041	FALSE
-0,011	0,288	-0,001	0,012	0,040	FALSE
-0,006	0,293	-0,001	0,012	0,024	FALSE
0,102	0,300	0,002	0,013	0,051	FALSE
-0,079	0,282	-0,004	0,009	0,188	FALSE
-0,013	0,286	0,001	0,012	0,031	FALSE
0,019	0,283	0,000	0,010	0,003	FALSE
0,031	0,289	0,001	0,011	0,026	FALSE
-0,026	0,294	-0,002	0,010	0,073	FALSE
-0,090	0,290	-0,003	0,010	0,138	FALSE
-0,017	0,296	0,000	0,008	0,011	FALSE
0,082	0,296	0,002	0,013	0,051	FALSE
0,023	0,281	0,000	0,012	0,003	FALSE
-0,052	0,307	-0,001	0,011	0,036	FALSE
0,011	0,295	0,000	0,008	0,022	FALSE
0,037	0,290	0,000	0,009	0,003	FALSE
-0,031	0,295	0,002	0,013	0,050	FALSE
0,072	0,299	0,002	0,009	0,091	FALSE
0,041	0,292	0,001	0,007	0,034	FALSE
0,093	0,288	0,002	0,007	0,081	FALSE
-0,038	0,295	-0,002	0,012	0,053	FALSE
-0,122	0,273	-0,003	0,010	0,132	FALSE
-0,018	0,293	-0,001	0,008	0,024	FALSE
0,033	0,308	0,001	0,010	0,053	FALSE
0,121	0,280	0,003	0,008	0,161	FALSE
0,106	0,271	0,002	0,010	0,082	FALSE
-0,038	0,290	0,000	0,009	0,019	FALSE
0,049	0,279	0,000	0,012	0,004	FALSE
0,096	0,275	0,001	0,008	0,064	FALSE
0,027	0,288	0,000	0,007	0,010	FALSE
0,051	0,284	0,005	0,013	0,163	FALSE
0,052	0,284	-0,001	0,007	0,059	FALSE
0,133	0,285	0,004	0,010	0,160	FALSE
-0,017	0,298	-0,001	0,012	0,046	FALSE
-0,092	0,287	-0,002	0,006	0,091	FALSE
-0,011	0,283	0,000	0,009	0,019	FALSE
-0,068	0,278	0,000	0,008	0,014	FALSE
0,117	0,277	0,005	0,011	0,210	FALSE
0,000	0,310	-0,001	0,008	0,052	FALSE
-0,003	0,286	-0,001	0,007	0,032	FALSE
0,074	0,296	0,003	0,008	0,147	FALSE
0,103	0,289	0,004	0,012	0,116	FALSE

0,065	0,284	0,002	0,013	0,055	FALSE
-0,045	0,281	-0,002	0,007	0,119	FALSE
0,039	0,296	0,001	0,006	0,063	FALSE
0,098	0,298	0,003	0,008	0,136	FALSE
-0,022	0,293	0,001	0,009	0,028	FALSE
0,011	0,288	-0,001	0,008	0,053	FALSE
-0,001	0,305	0,000	0,011	0,010	FALSE
-0,026	0,284	0,000	0,009	0,018	FALSE
0,095	0,277	0,004	0,010	0,153	FALSE
0,043	0,304	0,003	0,013	0,100	FALSE
0,081	0,304	0,002	0,008	0,094	FALSE
0,078	0,294	0,002	0,008	0,096	FALSE
0,036	0,288	0,001	0,007	0,043	FALSE
0,036	0,268	0,001	0,012	0,015	FALSE
0,051	0,284	0,003	0,011	0,114	FALSE
0,038	0,290	0,000	0,007	0,020	FALSE
0,052	0,272	0,003	0,012	0,088	FALSE
-0,068	0,288	-0,003	0,007	0,157	FALSE
0,045	0,275	0,002	0,012	0,071	FALSE
0,042	0,286	0,003	0,013	0,078	FALSE
0,043	0,289	0,000	0,006	0,005	FALSE
-0,078	0,267	-0,003	0,006	0,184	FALSE
0,083	0,282	0,005	0,012	0,145	FALSE
-0,107	0,285	-0,004	0,012	0,121	FALSE
-0,042	0,288	-0,002	0,008	0,087	FALSE
0,035	0,283	0,001	0,011	0,027	FALSE
0,150	0,273	0,005	0,011	0,175	FALSE
-0,059	0,298	-0,004	0,013	0,120	FALSE
-0,205	0,272	-0,004	0,007	0,290	FALSE
-0,056	0,293	-0,002	0,009	0,075	FALSE
0,076	0,283	0,001	0,008	0,028	FALSE
0,027	0,297	0,001	0,010	0,028	FALSE
-0,060	0,295	-0,003	0,012	0,085	FALSE
0,002	0,292	0,000	0,007	0,003	FALSE
0,056	0,274	0,003	0,011	0,106	FALSE
0,019	0,284	0,001	0,009	0,063	FALSE
-0,083	0,286	-0,004	0,011	0,148	FALSE
-0,028	0,272	-0,001	0,012	0,027	FALSE
0,010	0,294	0,001	0,012	0,017	FALSE
-0,104	0,281	-0,002	0,009	0,082	FALSE
0,006	0,291	0,000	0,013	0,011	FALSE
-0,142	0,284	-0,003	0,008	0,158	FALSE
-0,007	0,292	0,000	0,010	0,001	FALSE
-0,033	0,297	0,000	0,010	0,002	FALSE
0,044	0,283	0,000	0,008	0,015	FALSE
-0,037	0,286	-0,002	0,007	0,107	FALSE
-0,191	0,276	-0,007	0,011	0,289	FALSE
-0,008	0,286	0,000	0,011	0,013	FALSE
-0,068	0,264	-0,003	0,008	0,130	FALSE
-0,070	0,296	-0,003	0,011	0,121	FALSE
0,036	0,283	0,001	0,010	0,043	FALSE
0,010	0,297	0,001	0,011	0,025	FALSE
0,090	0,283	0,002	0,007	0,123	FALSE

0,000	0,298	-0,001	0,007	0,032	FALSE
-0,114	0,288	-0,006	0,012	0,200	FALSE
0,033	0,293	0,001	0,013	0,034	FALSE
-0,014	0,284	-0,001	0,012	0,027	FALSE
-0,007	0,279	-0,001	0,012	0,029	FALSE
0,141	0,302	0,003	0,008	0,157	FALSE
0,041	0,291	0,001	0,006	0,089	FALSE
-0,129	0,296	-0,003	0,011	0,115	FALSE
-0,062	0,284	-0,003	0,013	0,104	FALSE
-0,017	0,286	0,000	0,012	0,013	FALSE
0,016	0,298	-0,001	0,007	0,033	FALSE
-0,031	0,284	-0,001	0,010	0,047	FALSE
-0,029	0,287	-0,001	0,008	0,050	FALSE
0,009	0,309	0,001	0,013	0,019	FALSE
0,018	0,291	0,001	0,009	0,048	FALSE
-0,076	0,293	-0,003	0,009	0,133	FALSE
-0,014	0,283	0,000	0,012	0,003	FALSE
-0,136	0,288	-0,002	0,006	0,136	FALSE
0,024	0,298	-0,001	0,011	0,032	FALSE
0,057	0,272	0,002	0,007	0,103	FALSE
-0,048	0,293	-0,001	0,013	0,031	FALSE
0,030	0,276	0,000	0,011	0,005	FALSE
-0,037	0,287	-0,002	0,009	0,095	FALSE
-0,112	0,291	-0,003	0,013	0,072	FALSE
-0,033	0,278	0,000	0,007	0,015	FALSE
-0,125	0,287	-0,002	0,008	0,105	FALSE
-0,070	0,278	0,000	0,011	0,010	FALSE
-0,026	0,295	0,000	0,010	0,005	FALSE
0,035	0,301	0,001	0,009	0,065	FALSE
-0,075	0,269	-0,001	0,008	0,062	FALSE
-0,066	0,291	-0,002	0,010	0,074	FALSE
0,062	0,292	0,002	0,009	0,076	FALSE
-0,077	0,299	-0,002	0,007	0,141	FALSE
0,170	0,279	0,005	0,008	0,259	FALSE
-0,128	0,290	-0,004	0,008	0,232	FALSE
-0,008	0,296	0,001	0,012	0,015	FALSE
0,130	0,291	0,002	0,006	0,130	FALSE
0,084	0,290	0,001	0,009	0,046	FALSE
0,028	0,293	0,002	0,008	0,096	FALSE
0,042	0,292	0,002	0,007	0,115	FALSE
0,073	0,282	0,002	0,007	0,139	FALSE
0,082	0,300	0,001	0,007	0,055	FALSE
0,059	0,298	0,001	0,009	0,032	FALSE
0,028	0,305	0,001	0,007	0,046	FALSE
0,034	0,297	0,003	0,013	0,082	FALSE
-0,081	0,298	-0,002	0,014	0,049	FALSE
-0,062	0,298	-0,001	0,007	0,067	FALSE
-0,023	0,280	-0,002	0,009	0,062	FALSE
-0,025	0,287	-0,002	0,010	0,071	FALSE
-0,059	0,273	0,000	0,012	0,012	FALSE
-0,025	0,296	0,000	0,010	0,008	FALSE
-0,045	0,296	-0,003	0,013	0,101	FALSE
-0,007	0,293	0,000	0,009	0,006	FALSE

0,151	0,294	0,004	0,007	0,240	FALSE
0,070	0,283	0,000	0,007	0,013	FALSE
-0,034	0,307	0,000	0,010	0,012	FALSE
0,089	0,290	0,002	0,009	0,102	FALSE
-0,019	0,288	0,001	0,009	0,021	FALSE
-0,015	0,295	-0,001	0,010	0,044	FALSE
-0,123	0,278	-0,004	0,011	0,126	FALSE
-0,182	0,283	-0,005	0,009	0,229	FALSE
0,070	0,304	0,001	0,009	0,061	FALSE
0,028	0,292	0,000	0,008	0,017	FALSE
-0,048	0,294	0,000	0,012	0,002	FALSE
0,042	0,296	0,001	0,007	0,042	FALSE
-0,033	0,296	-0,002	0,008	0,075	FALSE
0,080	0,300	0,003	0,013	0,095	FALSE
-0,055	0,308	-0,002	0,009	0,082	FALSE
0,051	0,282	0,004	0,010	0,147	FALSE
0,036	0,282	-0,002	0,009	0,090	FALSE
0,061	0,279	0,000	0,009	0,009	FALSE
0,048	0,292	0,002	0,010	0,062	FALSE
0,048	0,305	0,000	0,010	0,003	FALSE
0,020	0,298	-0,001	0,012	0,021	FALSE
-0,025	0,296	-0,001	0,008	0,033	FALSE
-0,073	0,289	-0,001	0,011	0,038	FALSE
0,129	0,284	0,004	0,010	0,160	FALSE
-0,123	0,285	-0,004	0,009	0,171	FALSE
-0,090	0,282	-0,001	0,007	0,069	FALSE
0,032	0,292	0,000	0,012	0,001	FALSE
0,017	0,306	0,001	0,007	0,034	FALSE
-0,059	0,292	-0,001	0,008	0,065	FALSE
-0,044	0,301	-0,001	0,009	0,023	FALSE
-0,033	0,286	-0,002	0,013	0,045	FALSE
-0,020	0,285	0,000	0,010	0,009	FALSE
-0,113	0,305	-0,004	0,012	0,143	FALSE
0,064	0,285	0,001	0,009	0,021	FALSE
-0,036	0,284	-0,001	0,010	0,022	FALSE
0,007	0,280	0,000	0,008	0,004	FALSE
0,046	0,282	0,002	0,011	0,066	FALSE
-0,041	0,289	0,000	0,007	0,015	FALSE
0,175	0,279	0,006	0,007	0,403	FALSE
0,080	0,292	0,004	0,012	0,120	FALSE
-0,011	0,287	-0,001	0,007	0,032	FALSE
0,194	0,264	0,006	0,013	0,189	FALSE
0,034	0,285	0,001	0,012	0,028	FALSE
-0,005	0,303	-0,001	0,007	0,074	FALSE
0,002	0,300	-0,001	0,011	0,034	FALSE
-0,051	0,293	-0,002	0,007	0,130	FALSE
0,037	0,283	-0,001	0,007	0,060	FALSE
0,064	0,299	0,002	0,008	0,107	FALSE
-0,081	0,283	-0,001	0,009	0,051	FALSE
0,142	0,287	0,003	0,011	0,083	FALSE
-0,020	0,293	0,001	0,010	0,029	FALSE
0,100	0,272	0,002	0,007	0,105	FALSE
0,024	0,286	0,002	0,007	0,102	FALSE

0,066	0,295	0,003	0,011	0,089	FALSE
0,097	0,281	0,007	0,012	0,221	FALSE
0,037	0,287	0,002	0,011	0,055	FALSE
0,100	0,290	0,003	0,007	0,169	FALSE
-0,123	0,287	-0,003	0,006	0,188	FALSE
-0,141	0,292	-0,005	0,012	0,181	FALSE
-0,087	0,292	-0,001	0,013	0,027	FALSE
0,014	0,292	0,002	0,009	0,070	FALSE
-0,004	0,291	-0,002	0,013	0,068	FALSE
-0,078	0,285	-0,002	0,007	0,096	FALSE
0,020	0,282	0,000	0,006	0,004	FALSE
-0,133	0,277	-0,003	0,006	0,205	FALSE
-0,077	0,298	-0,002	0,006	0,093	FALSE
-0,086	0,275	-0,002	0,010	0,063	FALSE
-0,146	0,271	-0,003	0,009	0,118	FALSE
-0,071	0,280	0,000	0,010	0,010	FALSE
-0,059	0,296	-0,002	0,013	0,073	FALSE
-0,053	0,298	-0,003	0,013	0,074	FALSE
-0,248	0,273	-0,008	0,010	0,394	FALSE
0,005	0,287	-0,001	0,011	0,026	FALSE
0,023	0,295	0,002	0,012	0,064	FALSE
0,086	0,284	0,003	0,008	0,144	FALSE
-0,103	0,288	-0,003	0,012	0,090	FALSE
-0,028	0,285	-0,001	0,012	0,023	FALSE
-0,047	0,294	-0,001	0,009	0,055	FALSE
-0,043	0,287	-0,004	0,013	0,105	FALSE
0,028	0,305	0,000	0,008	0,014	FALSE
-0,046	0,294	-0,002	0,011	0,069	FALSE
0,056	0,297	0,001	0,008	0,053	FALSE
0,030	0,304	-0,001	0,007	0,075	FALSE
0,053	0,292	0,002	0,008	0,084	FALSE
0,182	0,294	0,008	0,012	0,318	FALSE
0,080	0,288	0,002	0,009	0,059	FALSE
-0,055	0,294	-0,001	0,013	0,018	FALSE
-0,077	0,270	-0,005	0,012	0,149	FALSE
-0,066	0,292	-0,005	0,012	0,178	FALSE
-0,016	0,306	-0,003	0,013	0,093	FALSE
0,056	0,289	0,002	0,008	0,078	FALSE
0,032	0,286	0,000	0,007	0,019	FALSE
0,175	0,285	0,005	0,009	0,278	FALSE
0,096	0,291	0,002	0,012	0,064	FALSE
-0,088	0,302	-0,004	0,013	0,131	FALSE
-0,132	0,289	-0,002	0,009	0,088	FALSE
0,148	0,283	0,006	0,012	0,211	FALSE
0,068	0,289	0,002	0,009	0,098	FALSE
0,076	0,288	0,003	0,013	0,090	FALSE
0,075	0,297	0,003	0,013	0,086	FALSE
-0,099	0,274	-0,002	0,012	0,076	FALSE
0,132	0,289	0,003	0,009	0,146	FALSE
0,039	0,300	0,000	0,007	0,018	FALSE
-0,061	0,288	-0,004	0,012	0,122	FALSE
-0,189	0,288	-0,006	0,012	0,213	FALSE
-0,115	0,287	-0,003	0,008	0,159	FALSE

0,041	0,300	0,001	0,007	0,039	FALSE
0,106	0,278	0,003	0,013	0,074	FALSE
0,135	0,283	0,005	0,010	0,188	FALSE
-0,045	0,283	-0,002	0,010	0,055	FALSE
-0,132	0,298	-0,005	0,013	0,177	FALSE
-0,046	0,286	-0,001	0,007	0,073	FALSE
-0,021	0,292	0,000	0,007	0,005	FALSE
0,014	0,279	0,000	0,008	0,010	FALSE
-0,012	0,282	0,001	0,011	0,040	FALSE
0,051	0,295	0,003	0,008	0,149	FALSE
-0,115	0,282	-0,005	0,012	0,171	FALSE
0,004	0,284	0,000	0,009	0,014	FALSE
0,157	0,274	0,006	0,010	0,248	FALSE
0,162	0,305	0,003	0,007	0,190	FALSE
0,061	0,282	0,000	0,012	0,002	FALSE
-0,022	0,281	-0,002	0,010	0,073	FALSE
0,091	0,294	0,003	0,010	0,111	FALSE
-0,147	0,277	-0,002	0,007	0,104	FALSE
-0,007	0,294	0,000	0,009	0,005	FALSE
-0,052	0,278	-0,003	0,009	0,117	FALSE
-0,052	0,293	-0,001	0,007	0,064	FALSE
-0,182	0,287	-0,009	0,013	0,298	FALSE
-0,211	0,285	-0,008	0,013	0,279	FALSE
0,050	0,291	0,001	0,008	0,050	FALSE
-0,045	0,287	-0,001	0,012	0,029	FALSE
-0,018	0,293	0,001	0,009	0,034	FALSE
0,026	0,288	0,000	0,012	0,005	FALSE
-0,050	0,296	-0,001	0,007	0,051	FALSE
-0,132	0,294	-0,007	0,012	0,257	FALSE
-0,012	0,279	-0,001	0,009	0,043	FALSE
-0,044	0,286	-0,002	0,011	0,086	FALSE
0,002	0,289	0,000	0,007	0,015	FALSE
-0,100	0,276	-0,003	0,012	0,092	FALSE
0,090	0,295	0,003	0,009	0,138	FALSE
0,042	0,299	0,000	0,008	0,006	FALSE
0,088	0,278	0,004	0,012	0,117	FALSE
0,094	0,292	0,001	0,007	0,079	FALSE
0,064	0,292	0,001	0,007	0,073	FALSE
-0,143	0,282	-0,004	0,007	0,228	FALSE
0,046	0,283	0,002	0,007	0,103	FALSE
0,009	0,307	0,000	0,009	0,013	FALSE
-0,135	0,271	-0,004	0,007	0,232	FALSE
-0,144	0,283	-0,002	0,007	0,129	FALSE
-0,007	0,286	-0,001	0,009	0,027	FALSE
-0,011	0,297	-0,001	0,009	0,039	FALSE
0,005	0,292	0,000	0,009	0,017	FALSE
0,045	0,282	0,000	0,007	0,007	FALSE
0,084	0,288	0,003	0,013	0,105	FALSE
0,013	0,289	0,002	0,010	0,080	FALSE
-0,103	0,278	-0,004	0,009	0,202	FALSE
-0,119	0,291	-0,004	0,012	0,122	FALSE
0,043	0,287	0,001	0,008	0,045	FALSE
-0,077	0,289	-0,003	0,009	0,144	FALSE

-0,160	0,273	-0,003	0,006	0,205	FALSE
0,012	0,295	0,000	0,008	0,020	FALSE
-0,041	0,304	-0,001	0,013	0,021	FALSE
-0,069	0,294	-0,001	0,008	0,059	FALSE
-0,117	0,292	-0,003	0,008	0,148	FALSE
0,082	0,291	0,004	0,012	0,135	FALSE
0,113	0,289	0,001	0,007	0,057	FALSE
0,044	0,289	0,000	0,010	0,006	FALSE
0,142	0,280	0,004	0,008	0,215	FALSE
0,041	0,290	0,002	0,009	0,080	FALSE
0,148	0,306	0,005	0,014	0,127	FALSE
-0,058	0,293	-0,001	0,007	0,033	FALSE
0,207	0,283	0,004	0,006	0,285	FALSE
0,054	0,299	0,001	0,013	0,037	FALSE
0,087	0,290	0,003	0,013	0,096	FALSE
0,072	0,287	0,002	0,007	0,103	FALSE
0,070	0,303	0,003	0,012	0,101	FALSE
0,038	0,299	0,002	0,012	0,066	FALSE
0,049	0,297	0,001	0,012	0,045	FALSE
0,021	0,292	0,000	0,012	0,004	FALSE
-0,088	0,289	-0,002	0,008	0,124	FALSE
0,153	0,279	0,002	0,007	0,149	FALSE
-0,039	0,297	-0,002	0,013	0,042	FALSE
-0,075	0,275	-0,001	0,007	0,032	FALSE
-0,133	0,269	-0,003	0,011	0,099	FALSE
0,047	0,289	0,002	0,007	0,109	FALSE
-0,074	0,270	-0,003	0,011	0,106	FALSE
-0,097	0,273	-0,004	0,012	0,123	FALSE
-0,111	0,293	-0,003	0,009	0,149	FALSE
-0,065	0,289	-0,002	0,012	0,071	FALSE
0,110	0,291	0,002	0,007	0,083	FALSE
0,094	0,281	0,003	0,011	0,111	FALSE
-0,010	0,279	0,000	0,013	0,004	FALSE
0,015	0,283	0,001	0,006	0,034	FALSE
-0,014	0,282	-0,001	0,008	0,030	FALSE
-0,103	0,302	-0,004	0,013	0,113	FALSE
-0,105	0,284	-0,001	0,009	0,058	FALSE
0,006	0,270	0,000	0,008	0,004	FALSE
0,022	0,294	0,000	0,011	0,013	FALSE
0,051	0,298	0,000	0,007	0,026	FALSE
0,039	0,284	0,001	0,010	0,047	FALSE
-0,102	0,289	-0,004	0,012	0,145	FALSE
0,088	0,308	0,002	0,007	0,092	FALSE
0,094	0,299	0,001	0,007	0,083	FALSE
-0,098	0,290	-0,002	0,010	0,085	FALSE
0,027	0,283	0,000	0,012	0,008	FALSE
-0,042	0,294	-0,001	0,007	0,074	FALSE
0,054	0,295	0,001	0,007	0,046	FALSE
0,056	0,274	0,002	0,010	0,092	FALSE
-0,045	0,289	-0,003	0,010	0,118	FALSE
0,054	0,291	0,003	0,010	0,100	FALSE
0,130	0,280	0,005	0,010	0,239	FALSE
0,014	0,308	-0,001	0,010	0,030	FALSE

-0,139	0,292	-0,003	0,007	0,194	FALSE
-0,128	0,273	-0,005	0,010	0,201	FALSE
-0,123	0,291	-0,005	0,010	0,221	FALSE
-0,075	0,283	-0,001	0,007	0,052	FALSE
-0,060	0,286	-0,001	0,009	0,036	FALSE
0,016	0,290	0,000	0,007	0,008	FALSE
-0,098	0,274	-0,002	0,007	0,128	FALSE
0,038	0,292	0,005	0,013	0,142	FALSE
-0,046	0,280	-0,004	0,010	0,137	FALSE
-0,133	0,280	-0,002	0,007	0,139	FALSE
-0,015	0,282	0,000	0,008	0,013	FALSE
0,050	0,273	0,002	0,009	0,103	FALSE
0,029	0,290	0,002	0,009	0,097	FALSE
-0,127	0,300	-0,005	0,011	0,202	FALSE
0,121	0,299	0,004	0,011	0,156	FALSE
0,054	0,288	0,001	0,007	0,051	FALSE
-0,123	0,278	-0,003	0,013	0,093	FALSE
-0,050	0,298	-0,004	0,012	0,127	FALSE
0,112	0,278	0,003	0,010	0,129	FALSE
-0,008	0,286	0,000	0,007	0,010	FALSE
0,062	0,294	0,004	0,010	0,151	FALSE
-0,022	0,298	-0,001	0,013	0,042	FALSE
-0,117	0,302	-0,003	0,007	0,159	FALSE
-0,055	0,288	-0,001	0,011	0,046	FALSE
-0,061	0,289	-0,001	0,007	0,073	FALSE
0,030	0,287	0,000	0,006	0,014	FALSE
-0,045	0,279	-0,001	0,013	0,026	FALSE
-0,047	0,276	-0,001	0,013	0,017	FALSE
0,062	0,284	0,002	0,013	0,046	FALSE
0,075	0,283	0,002	0,013	0,056	FALSE
0,087	0,281	0,002	0,013	0,070	FALSE
0,087	0,269	0,003	0,012	0,089	FALSE
0,081	0,279	0,003	0,013	0,076	FALSE
0,023	0,303	-0,001	0,014	0,029	FALSE
-0,054	0,293	-0,002	0,010	0,068	FALSE
0,015	0,302	-0,001	0,011	0,017	FALSE
0,032	0,299	0,000	0,011	0,013	FALSE
-0,119	0,285	-0,004	0,010	0,167	FALSE
0,126	0,300	0,004	0,010	0,163	FALSE
-0,059	0,285	-0,003	0,009	0,120	FALSE
-0,080	0,282	-0,002	0,012	0,073	FALSE
-0,119	0,278	-0,004	0,013	0,136	FALSE
0,130	0,280	0,004	0,012	0,116	FALSE
0,141	0,277	0,005	0,009	0,212	FALSE
0,121	0,283	0,003	0,012	0,083	FALSE
0,144	0,284	0,002	0,008	0,097	FALSE
-0,011	0,289	-0,001	0,013	0,027	FALSE
0,053	0,297	0,001	0,007	0,040	FALSE
-0,028	0,307	-0,002	0,008	0,073	FALSE
0,101	0,307	0,002	0,009	0,099	FALSE
-0,110	0,280	-0,002	0,007	0,120	FALSE
-0,132	0,268	-0,003	0,008	0,170	FALSE
0,024	0,304	0,000	0,008	0,023	FALSE

0,078	0,298	0,001	0,007	0,082	FALSE
-0,171	0,299	-0,004	0,008	0,196	FALSE
-0,012	0,301	0,001	0,006	0,029	FALSE
-0,022	0,303	0,001	0,013	0,031	FALSE
-0,022	0,291	0,000	0,007	0,002	FALSE
0,014	0,283	0,000	0,010	0,001	FALSE
-0,095	0,289	-0,002	0,006	0,101	FALSE
-0,012	0,292	-0,001	0,008	0,050	FALSE
0,091	0,285	0,003	0,009	0,129	FALSE
-0,045	0,285	-0,001	0,009	0,033	FALSE
0,035	0,281	0,003	0,010	0,122	FALSE
0,000	0,284	-0,003	0,012	0,087	FALSE
0,000	0,298	-0,002	0,012	0,068	FALSE
0,028	0,283	0,000	0,011	0,012	FALSE
0,011	0,297	-0,002	0,012	0,049	FALSE
0,027	0,293	0,001	0,007	0,072	FALSE
-0,047	0,289	-0,001	0,010	0,019	FALSE
-0,080	0,277	-0,002	0,006	0,142	FALSE
0,037	0,292	0,002	0,012	0,056	FALSE
-0,113	0,282	-0,003	0,008	0,142	FALSE
-0,080	0,293	-0,002	0,007	0,121	FALSE
-0,087	0,279	-0,004	0,012	0,125	FALSE
0,002	0,290	-0,002	0,012	0,059	FALSE
0,002	0,293	0,000	0,012	0,014	FALSE
-0,001	0,297	-0,001	0,012	0,044	FALSE
-0,070	0,284	-0,001	0,006	0,072	FALSE
-0,185	0,289	-0,004	0,007	0,224	FALSE
0,019	0,287	0,000	0,008	0,009	FALSE
-0,003	0,295	0,000	0,008	0,013	FALSE
0,034	0,300	0,000	0,008	0,021	FALSE
0,036	0,289	0,000	0,007	0,000	FALSE
-0,004	0,296	0,000	0,007	0,024	FALSE
0,061	0,289	0,002	0,008	0,120	FALSE
-0,101	0,290	-0,001	0,006	0,071	FALSE
0,082	0,286	0,005	0,013	0,147	FALSE
-0,072	0,283	-0,003	0,007	0,151	FALSE
0,057	0,295	0,003	0,011	0,092	FALSE
-0,112	0,285	-0,003	0,008	0,175	FALSE
0,068	0,298	0,001	0,007	0,073	FALSE
0,067	0,300	0,001	0,013	0,042	FALSE
-0,116	0,284	-0,003	0,008	0,162	FALSE
0,114	0,304	0,003	0,007	0,141	FALSE
0,126	0,267	0,005	0,011	0,202	FALSE
-0,005	0,287	-0,001	0,013	0,036	FALSE
0,083	0,301	0,002	0,010	0,070	FALSE
-0,168	0,278	-0,005	0,010	0,231	FALSE
0,097	0,289	0,001	0,007	0,062	FALSE
-0,013	0,288	0,000	0,009	0,002	FALSE
-0,055	0,289	-0,001	0,013	0,042	FALSE
-0,119	0,295	-0,004	0,013	0,108	FALSE
-0,084	0,291	-0,002	0,013	0,051	FALSE
0,142	0,281	0,004	0,009	0,178	FALSE
0,055	0,291	0,002	0,007	0,102	FALSE

-0,075	0,286	-0,002	0,008	0,100	FALSE
-0,022	0,294	0,001	0,012	0,017	FALSE
-0,099	0,280	-0,002	0,011	0,081	FALSE
-0,083	0,280	-0,001	0,011	0,039	FALSE
-0,092	0,281	-0,002	0,010	0,094	FALSE
-0,124	0,286	-0,002	0,006	0,109	FALSE
0,030	0,291	0,001	0,008	0,044	FALSE
-0,143	0,289	-0,004	0,012	0,146	FALSE
-0,009	0,301	0,000	0,007	0,025	FALSE
0,046	0,295	0,004	0,013	0,132	FALSE
0,031	0,275	0,000	0,008	0,006	FALSE
-0,054	0,292	-0,002	0,008	0,085	FALSE
-0,007	0,294	0,001	0,012	0,025	FALSE
-0,002	0,284	0,000	0,008	0,009	FALSE
0,032	0,281	0,001	0,009	0,058	FALSE
0,005	0,283	-0,001	0,008	0,038	FALSE
0,068	0,296	0,001	0,011	0,032	FALSE
-0,016	0,289	0,000	0,009	0,002	FALSE
0,015	0,297	0,000	0,007	0,021	FALSE
0,054	0,294	0,001	0,009	0,043	FALSE
0,044	0,288	0,004	0,013	0,114	FALSE
-0,177	0,290	-0,007	0,013	0,255	FALSE
-0,128	0,296	-0,005	0,013	0,161	FALSE
0,101	0,295	0,002	0,013	0,063	FALSE
0,139	0,274	0,004	0,007	0,276	FALSE
0,058	0,280	0,003	0,008	0,121	FALSE
0,188	0,287	0,004	0,007	0,248	FALSE
-0,122	0,290	-0,004	0,009	0,173	FALSE
-0,001	0,293	0,001	0,011	0,024	FALSE
0,014	0,305	0,001	0,011	0,027	FALSE
0,030	0,288	0,001	0,010	0,055	FALSE
0,018	0,291	0,000	0,011	0,010	FALSE
0,015	0,306	0,000	0,012	0,015	FALSE
0,081	0,284	0,005	0,011	0,183	FALSE
0,076	0,296	0,004	0,011	0,143	FALSE
0,051	0,291	0,003	0,011	0,113	FALSE
0,058	0,294	0,004	0,012	0,135	FALSE
0,047	0,288	0,000	0,007	0,023	FALSE
0,094	0,299	0,005	0,012	0,176	FALSE
0,045	0,287	0,003	0,011	0,110	FALSE
0,040	0,288	0,003	0,011	0,090	FALSE
0,105	0,290	0,004	0,011	0,147	FALSE
0,032	0,293	0,002	0,006	0,096	FALSE
0,042	0,299	0,000	0,009	0,010	FALSE
0,146	0,287	0,002	0,006	0,140	FALSE
0,158	0,287	0,003	0,007	0,181	FALSE
0,147	0,288	0,003	0,006	0,160	FALSE
0,127	0,298	0,002	0,007	0,131	FALSE
0,157	0,278	0,003	0,007	0,173	FALSE
0,014	0,312	-0,001	0,011	0,019	FALSE
-0,041	0,289	-0,001	0,008	0,042	FALSE
0,080	0,281	0,001	0,010	0,049	FALSE
-0,001	0,289	-0,001	0,008	0,045	FALSE

0,245	0,273	0,008	0,011	0,327	FALSE
0,003	0,281	-0,001	0,011	0,031	FALSE
0,015	0,283	0,001	0,011	0,020	FALSE
0,044	0,284	0,001	0,006	0,032	FALSE
-0,108	0,297	-0,003	0,009	0,108	FALSE
0,122	0,292	0,006	0,011	0,220	FALSE
0,002	0,281	-0,002	0,013	0,052	FALSE
0,049	0,306	0,001	0,007	0,066	FALSE
-0,053	0,284	-0,003	0,008	0,153	FALSE
0,206	0,287	0,010	0,013	0,337	FALSE
0,034	0,283	0,002	0,009	0,086	FALSE
-0,133	0,271	-0,002	0,012	0,053	FALSE
-0,043	0,302	-0,001	0,011	0,041	FALSE
-0,044	0,270	-0,001	0,009	0,051	FALSE
0,010	0,294	0,000	0,010	0,012	FALSE
-0,062	0,285	-0,002	0,013	0,049	FALSE
0,062	0,291	0,003	0,011	0,101	FALSE
-0,033	0,293	-0,002	0,010	0,064	FALSE
0,037	0,286	0,001	0,008	0,066	FALSE
0,083	0,287	0,002	0,013	0,062	FALSE
0,018	0,288	0,000	0,009	0,006	FALSE
0,043	0,282	0,000	0,007	0,022	FALSE
0,040	0,294	0,001	0,007	0,040	FALSE
0,036	0,289	0,002	0,008	0,100	FALSE
-0,027	0,276	-0,001	0,012	0,017	FALSE
-0,082	0,277	-0,002	0,007	0,118	FALSE
-0,082	0,287	-0,001	0,012	0,026	FALSE
-0,173	0,274	-0,005	0,012	0,171	FALSE
0,047	0,281	-0,001	0,010	0,021	FALSE
-0,001	0,283	0,001	0,006	0,054	FALSE
-0,122	0,282	-0,006	0,013	0,174	FALSE
0,026	0,304	0,001	0,012	0,016	FALSE
0,031	0,284	0,001	0,007	0,035	FALSE
-0,052	0,284	-0,004	0,012	0,121	FALSE
-0,073	0,290	-0,002	0,008	0,116	FALSE
0,159	0,279	0,007	0,009	0,347	FALSE
-0,119	0,291	-0,002	0,011	0,069	FALSE
0,017	0,304	0,000	0,012	0,009	FALSE
-0,001	0,288	0,003	0,011	0,099	FALSE
-0,053	0,280	-0,001	0,007	0,059	FALSE
-0,202	0,266	-0,007	0,009	0,357	FALSE
0,037	0,290	0,001	0,011	0,022	FALSE
0,026	0,283	0,000	0,011	0,001	FALSE
-0,084	0,285	-0,001	0,007	0,045	FALSE
0,139	0,282	0,007	0,012	0,275	TRUE
0,044	0,293	0,001	0,008	0,045	FALSE
-0,024	0,289	-0,001	0,012	0,025	FALSE
0,095	0,267	0,005	0,013	0,145	FALSE
-0,132	0,291	-0,002	0,007	0,137	FALSE
0,037	0,299	0,001	0,007	0,075	FALSE
-0,052	0,284	0,001	0,013	0,032	FALSE
-0,087	0,301	-0,004	0,009	0,198	FALSE
0,091	0,287	0,001	0,007	0,083	FALSE

-0,241	0,268	-0,011	0,011	0,482	FALSE
-0,106	0,284	-0,002	0,007	0,078	FALSE
0,115	0,299	0,003	0,008	0,147	FALSE
0,095	0,306	0,004	0,012	0,111	FALSE
0,050	0,306	0,001	0,012	0,041	FALSE
-0,130	0,279	-0,005	0,009	0,239	FALSE
0,112	0,283	0,003	0,011	0,124	FALSE
0,174	0,305	0,007	0,013	0,235	FALSE
0,157	0,277	0,006	0,012	0,217	FALSE
-0,054	0,285	-0,002	0,007	0,105	FALSE
0,047	0,299	0,001	0,007	0,069	FALSE
0,027	0,292	-0,001	0,007	0,030	FALSE
-0,030	0,276	-0,002	0,010	0,073	FALSE
0,027	0,307	0,001	0,013	0,037	FALSE
-0,068	0,292	-0,001	0,008	0,066	FALSE
-0,097	0,296	-0,003	0,012	0,092	FALSE
0,117	0,283	0,008	0,013	0,265	FALSE
-0,090	0,277	-0,005	0,012	0,180	FALSE
-0,070	0,295	-0,002	0,009	0,073	FALSE
0,033	0,291	-0,001	0,011	0,019	FALSE
0,017	0,299	0,000	0,008	0,013	FALSE
0,071	0,289	0,002	0,009	0,065	FALSE
0,088	0,289	0,001	0,008	0,060	FALSE
0,016	0,294	0,000	0,010	0,000	FALSE
0,084	0,296	0,002	0,010	0,082	FALSE
0,027	0,303	0,000	0,010	0,014	FALSE
-0,051	0,279	-0,003	0,009	0,114	FALSE
0,099	0,287	0,002	0,006	0,161	FALSE
0,013	0,291	-0,002	0,012	0,053	FALSE
0,020	0,288	0,001	0,012	0,038	FALSE
0,129	0,296	0,003	0,007	0,156	FALSE
0,106	0,271	0,006	0,012	0,201	FALSE
-0,051	0,286	-0,003	0,008	0,145	FALSE
-0,116	0,295	-0,002	0,007	0,131	FALSE
-0,043	0,293	-0,004	0,010	0,141	FALSE
-0,127	0,296	-0,003	0,008	0,143	FALSE
0,115	0,274	0,005	0,012	0,155	FALSE
-0,128	0,276	-0,006	0,010	0,270	FALSE
-0,150	0,293	-0,006	0,009	0,298	FALSE
-0,071	0,284	-0,002	0,007	0,105	FALSE
-0,011	0,281	0,001	0,009	0,034	FALSE
0,059	0,292	0,001	0,012	0,043	FALSE
0,031	0,290	0,000	0,007	0,007	FALSE
0,029	0,289	0,001	0,008	0,056	FALSE
-0,014	0,296	-0,001	0,007	0,046	FALSE
0,162	0,277	0,003	0,007	0,182	FALSE
0,081	0,293	0,002	0,009	0,073	FALSE
-0,015	0,300	-0,001	0,010	0,020	FALSE
-0,135	0,287	-0,003	0,008	0,132	FALSE
0,054	0,295	0,002	0,011	0,058	FALSE
0,094	0,293	0,001	0,007	0,047	FALSE
-0,115	0,281	-0,002	0,007	0,146	FALSE
0,005	0,302	0,001	0,013	0,015	FALSE

0,012	0,293	0,001	0,012	0,015	FALSE
0,106	0,300	0,003	0,008	0,153	FALSE
-0,039	0,281	-0,001	0,008	0,024	FALSE
0,068	0,284	0,004	0,011	0,128	FALSE
-0,053	0,286	-0,002	0,007	0,091	FALSE
-0,222	0,266	-0,009	0,011	0,356	FALSE
-0,206	0,289	-0,009	0,012	0,347	FALSE
-0,041	0,285	-0,002	0,011	0,055	FALSE
0,006	0,293	0,000	0,012	0,011	FALSE
0,048	0,283	0,001	0,008	0,032	FALSE
0,008	0,275	0,000	0,006	0,005	FALSE
-0,088	0,301	-0,002	0,007	0,104	FALSE
0,136	0,290	0,002	0,006	0,109	FALSE
0,101	0,298	0,002	0,008	0,130	FALSE
-0,055	0,279	-0,002	0,013	0,055	FALSE
-0,110	0,297	-0,003	0,008	0,130	FALSE
-0,173	0,282	-0,004	0,007	0,245	FALSE
-0,156	0,280	-0,003	0,006	0,200	FALSE
-0,116	0,283	-0,003	0,009	0,121	FALSE
-0,006	0,283	0,001	0,013	0,017	FALSE
0,215	0,277	0,008	0,008	0,432	FALSE
-0,032	0,294	-0,003	0,011	0,111	FALSE
0,081	0,293	0,004	0,011	0,151	TRUE
-0,014	0,275	0,000	0,008	0,018	FALSE
-0,044	0,285	-0,002	0,008	0,078	FALSE
-0,044	0,283	-0,002	0,010	0,063	FALSE
-0,015	0,304	-0,001	0,008	0,029	FALSE
-0,043	0,297	-0,001	0,011	0,030	FALSE
-0,081	0,292	-0,001	0,008	0,034	FALSE
-0,082	0,296	-0,002	0,008	0,089	FALSE
0,048	0,294	0,000	0,009	0,008	FALSE
0,127	0,304	0,003	0,006	0,190	FALSE
-0,037	0,289	-0,001	0,008	0,060	FALSE
0,050	0,286	0,002	0,010	0,061	FALSE
0,049	0,291	0,002	0,010	0,072	FALSE
-0,045	0,289	-0,001	0,010	0,041	FALSE
-0,020	0,295	-0,002	0,012	0,057	FALSE
0,057	0,285	0,003	0,008	0,155	FALSE
-0,042	0,280	0,000	0,009	0,015	FALSE
-0,018	0,279	0,001	0,009	0,042	FALSE
0,040	0,297	0,001	0,013	0,036	FALSE
0,085	0,272	0,002	0,009	0,074	FALSE
-0,034	0,290	0,001	0,010	0,028	FALSE
0,026	0,300	0,001	0,009	0,054	FALSE
0,062	0,292	0,000	0,008	0,022	FALSE
0,093	0,296	0,004	0,011	0,142	FALSE
-0,038	0,276	-0,002	0,012	0,045	FALSE
-0,098	0,288	-0,003	0,008	0,169	FALSE
-0,067	0,289	-0,002	0,007	0,080	FALSE
0,072	0,284	0,003	0,010	0,126	FALSE
-0,069	0,294	-0,001	0,008	0,047	FALSE
0,040	0,287	0,003	0,011	0,083	FALSE
-0,002	0,280	-0,003	0,010	0,109	FALSE

-0,006	0,287	-0,003	0,008	0,127	FALSE
-0,116	0,287	-0,002	0,007	0,084	FALSE
-0,003	0,285	0,000	0,006	0,016	FALSE
0,044	0,297	0,002	0,014	0,058	FALSE
0,254	0,271	0,010	0,009	0,536	FALSE
0,114	0,290	0,003	0,008	0,170	FALSE
0,109	0,296	0,002	0,006	0,145	FALSE
-0,059	0,289	-0,003	0,010	0,128	FALSE
0,127	0,285	0,005	0,008	0,239	FALSE
-0,036	0,285	0,000	0,007	0,001	FALSE
-0,045	0,278	-0,001	0,008	0,032	FALSE
0,020	0,276	0,000	0,008	0,020	FALSE
-0,056	0,295	-0,001	0,007	0,057	FALSE
-0,146	0,286	-0,006	0,009	0,278	FALSE
-0,042	0,276	0,000	0,009	0,008	FALSE
-0,152	0,284	-0,007	0,013	0,240	FALSE
0,120	0,281	0,003	0,007	0,141	FALSE
-0,125	0,284	-0,006	0,013	0,193	FALSE
0,131	0,283	0,007	0,013	0,222	FALSE
-0,146	0,287	-0,002	0,007	0,137	FALSE
-0,113	0,283	-0,002	0,007	0,135	FALSE
0,184	0,278	0,004	0,008	0,214	FALSE
-0,159	0,278	-0,003	0,007	0,160	FALSE
-0,227	0,275	-0,008	0,012	0,302	FALSE
-0,027	0,301	-0,002	0,010	0,094	FALSE
-0,098	0,290	-0,005	0,012	0,176	FALSE
0,034	0,283	0,001	0,007	0,045	FALSE
0,032	0,275	0,003	0,009	0,154	FALSE
-0,018	0,292	0,000	0,007	0,009	FALSE
-0,130	0,287	-0,003	0,007	0,152	FALSE
0,022	0,284	0,001	0,006	0,029	FALSE
-0,040	0,293	-0,003	0,013	0,092	FALSE
-0,007	0,295	-0,001	0,010	0,024	FALSE
-0,010	0,280	-0,002	0,012	0,059	FALSE
-0,082	0,288	-0,003	0,008	0,141	FALSE
0,009	0,277	0,000	0,007	0,018	FALSE
0,010	0,291	0,000	0,007	0,022	FALSE
-0,004	0,274	-0,001	0,006	0,043	FALSE
0,104	0,292	0,005	0,013	0,150	FALSE
-0,001	0,282	0,000	0,013	0,006	FALSE
0,047	0,296	0,000	0,012	0,010	FALSE
-0,060	0,283	-0,001	0,009	0,059	FALSE
-0,037	0,287	-0,001	0,009	0,036	FALSE
-0,049	0,282	-0,001	0,007	0,062	FALSE
0,095	0,288	0,004	0,007	0,213	FALSE
0,013	0,294	-0,001	0,007	0,074	FALSE
0,157	0,291	0,006	0,012	0,223	FALSE
0,090	0,285	0,004	0,011	0,145	FALSE
0,015	0,292	0,001	0,012	0,035	FALSE
0,020	0,278	0,004	0,012	0,122	FALSE
0,001	0,276	0,001	0,012	0,039	FALSE
-0,078	0,273	-0,004	0,008	0,195	FALSE
-0,023	0,275	0,000	0,007	0,009	FALSE

-0,083	0,286	-0,002	0,006	0,153	FALSE
0,117	0,291	0,004	0,013	0,122	FALSE
0,010	0,297	0,000	0,008	0,002	FALSE
0,041	0,287	0,001	0,007	0,072	FALSE
-0,018	0,285	0,000	0,007	0,020	FALSE
-0,111	0,286	-0,001	0,006	0,076	FALSE
0,120	0,292	0,005	0,013	0,176	FALSE
-0,185	0,287	-0,007	0,012	0,243	FALSE
0,018	0,297	0,000	0,009	0,012	FALSE
0,027	0,292	0,003	0,010	0,104	FALSE
0,056	0,302	0,003	0,010	0,132	FALSE
-0,085	0,276	-0,002	0,008	0,089	FALSE
0,070	0,291	0,003	0,007	0,167	FALSE
0,069	0,284	0,002	0,007	0,140	FALSE
-0,022	0,303	0,000	0,007	0,001	FALSE
-0,155	0,301	-0,006	0,010	0,246	FALSE
-0,017	0,285	-0,001	0,008	0,061	FALSE
0,031	0,283	-0,002	0,013	0,054	FALSE
-0,032	0,295	0,000	0,010	0,013	FALSE
-0,013	0,279	0,000	0,012	0,001	FALSE
-0,015	0,299	0,001	0,007	0,028	FALSE
-0,218	0,270	-0,005	0,007	0,276	FALSE
0,086	0,282	0,003	0,009	0,120	FALSE
0,060	0,287	0,004	0,012	0,138	FALSE
-0,014	0,275	-0,001	0,011	0,020	FALSE
0,025	0,283	0,002	0,006	0,101	FALSE
0,048	0,290	0,000	0,008	0,004	FALSE
-0,144	0,292	-0,004	0,008	0,223	FALSE
0,050	0,296	0,003	0,012	0,084	FALSE
-0,042	0,292	-0,003	0,009	0,104	FALSE
-0,107	0,301	-0,005	0,014	0,160	FALSE
-0,044	0,284	-0,001	0,009	0,029	FALSE
0,059	0,296	0,002	0,007	0,089	FALSE
0,057	0,282	0,001	0,013	0,035	FALSE
-0,125	0,290	-0,001	0,010	0,056	FALSE
0,123	0,285	0,005	0,009	0,223	FALSE
0,130	0,274	0,004	0,012	0,136	FALSE
-0,049	0,298	-0,002	0,007	0,116	FALSE
-0,102	0,292	-0,002	0,008	0,119	FALSE
-0,053	0,278	-0,003	0,013	0,081	FALSE
-0,101	0,284	-0,002	0,009	0,085	FALSE
-0,037	0,290	-0,001	0,010	0,021	FALSE
0,006	0,293	-0,002	0,010	0,054	FALSE
0,007	0,294	0,000	0,008	0,014	FALSE
0,110	0,291	0,002	0,007	0,107	FALSE
0,030	0,310	0,001	0,013	0,030	FALSE
0,008	0,295	-0,001	0,011	0,032	FALSE
0,032	0,292	0,000	0,011	0,010	FALSE
0,047	0,301	0,001	0,011	0,041	FALSE
-0,011	0,287	-0,002	0,008	0,074	FALSE
0,070	0,282	0,002	0,008	0,099	FALSE
-0,059	0,299	-0,002	0,007	0,112	FALSE
-0,009	0,290	-0,002	0,012	0,062	FALSE

0,044	0,285	0,001	0,007	0,039	FALSE
-0,005	0,299	-0,001	0,011	0,036	FALSE
0,072	0,290	0,002	0,007	0,077	FALSE
-0,002	0,294	0,000	0,010	0,013	FALSE
0,077	0,289	0,003	0,009	0,135	FALSE
-0,127	0,289	-0,004	0,011	0,126	FALSE
0,024	0,281	0,002	0,013	0,074	FALSE
-0,131	0,286	-0,003	0,011	0,106	FALSE
0,104	0,290	0,002	0,009	0,096	FALSE
0,033	0,291	0,000	0,008	0,017	FALSE
-0,019	0,276	-0,001	0,007	0,036	FALSE
0,047	0,283	0,002	0,008	0,099	FALSE
-0,015	0,277	0,000	0,012	0,006	FALSE
-0,064	0,293	-0,001	0,007	0,072	FALSE
0,014	0,300	0,000	0,013	0,007	FALSE
0,024	0,293	0,001	0,007	0,037	FALSE
0,033	0,290	0,002	0,012	0,060	FALSE
-0,033	0,285	-0,002	0,010	0,055	FALSE
0,024	0,284	0,000	0,009	0,006	FALSE
0,090	0,284	0,002	0,006	0,098	FALSE
0,002	0,290	0,002	0,011	0,063	FALSE
0,068	0,279	0,001	0,007	0,049	FALSE
0,050	0,284	0,000	0,007	0,007	FALSE
-0,069	0,292	-0,001	0,008	0,042	FALSE
-0,044	0,282	-0,001	0,009	0,027	FALSE
-0,056	0,286	-0,001	0,010	0,043	FALSE
0,101	0,275	0,004	0,010	0,168	FALSE
-0,184	0,283	-0,008	0,012	0,286	FALSE
0,078	0,277	0,002	0,006	0,103	FALSE
0,196	0,294	0,005	0,009	0,230	FALSE
-0,017	0,295	0,000	0,010	0,007	FALSE
0,040	0,294	0,001	0,012	0,025	FALSE
0,038	0,296	0,001	0,013	0,020	FALSE
0,057	0,305	0,003	0,012	0,109	FALSE
0,030	0,292	0,000	0,007	0,018	FALSE
-0,025	0,294	0,000	0,007	0,017	FALSE
0,005	0,300	0,000	0,011	0,011	FALSE
-0,027	0,291	-0,001	0,012	0,039	FALSE
0,065	0,273	0,003	0,006	0,185	FALSE
0,035	0,307	-0,001	0,009	0,047	FALSE
0,001	0,283	0,001	0,013	0,041	FALSE
-0,078	0,280	-0,002	0,008	0,089	FALSE
0,066	0,300	0,004	0,012	0,134	FALSE
-0,161	0,283	-0,003	0,007	0,171	FALSE
0,076	0,299	0,004	0,011	0,124	FALSE
0,016	0,284	0,001	0,010	0,051	FALSE
0,043	0,292	0,002	0,013	0,046	FALSE
-0,002	0,300	-0,001	0,008	0,052	FALSE
-0,012	0,289	-0,002	0,009	0,074	FALSE
0,000	0,306	0,000	0,008	0,003	FALSE
0,100	0,293	0,003	0,012	0,105	FALSE
-0,025	0,292	0,000	0,011	0,008	FALSE
-0,095	0,287	-0,005	0,009	0,216	FALSE

0,065	0,303	0,003	0,011	0,085	FALSE
0,020	0,298	-0,001	0,011	0,019	FALSE
0,045	0,308	0,001	0,012	0,035	FALSE
0,082	0,296	0,003	0,011	0,088	FALSE
0,096	0,290	0,003	0,011	0,089	FALSE
-0,009	0,294	0,000	0,007	0,008	FALSE
0,012	0,294	0,002	0,007	0,089	FALSE
0,047	0,301	0,002	0,011	0,066	FALSE
0,116	0,279	0,002	0,012	0,054	FALSE
0,065	0,295	0,002	0,009	0,088	FALSE
0,046	0,278	0,002	0,009	0,069	FALSE
0,031	0,306	0,000	0,013	0,006	FALSE
-0,123	0,294	-0,003	0,010	0,114	FALSE
-0,126	0,291	-0,003	0,009	0,116	FALSE
-0,019	0,300	-0,001	0,009	0,026	FALSE
0,107	0,290	0,003	0,008	0,134	FALSE
-0,106	0,288	-0,004	0,011	0,120	FALSE
-0,048	0,293	0,000	0,007	0,015	FALSE
-0,007	0,273	0,002	0,011	0,066	FALSE
-0,055	0,289	-0,001	0,009	0,027	FALSE
-0,190	0,287	-0,006	0,009	0,288	FALSE
0,128	0,281	0,003	0,008	0,166	FALSE
0,037	0,281	0,002	0,008	0,119	FALSE
-0,027	0,290	0,001	0,013	0,020	FALSE
0,167	0,294	0,008	0,012	0,271	FALSE
-0,122	0,274	-0,002	0,010	0,061	FALSE
-0,108	0,276	-0,004	0,009	0,159	FALSE
0,040	0,292	0,001	0,012	0,030	FALSE
0,068	0,284	0,005	0,013	0,145	FALSE
0,051	0,294	0,002	0,007	0,100	FALSE
-0,096	0,282	-0,002	0,008	0,108	FALSE
0,073	0,298	0,002	0,007	0,117	FALSE
0,217	0,291	0,010	0,013	0,366	FALSE
0,125	0,286	0,002	0,007	0,137	FALSE
0,047	0,300	0,000	0,008	0,015	FALSE
0,105	0,284	0,004	0,010	0,155	FALSE
-0,114	0,294	-0,003	0,008	0,163	FALSE
0,049	0,289	0,001	0,007	0,043	FALSE
-0,086	0,274	-0,002	0,006	0,128	FALSE
-0,084	0,289	-0,003	0,012	0,094	FALSE
0,144	0,297	0,005	0,011	0,183	FALSE
0,098	0,285	0,003	0,011	0,123	FALSE
-0,104	0,286	-0,004	0,012	0,150	FALSE
-0,026	0,292	0,000	0,007	0,027	FALSE
-0,106	0,296	-0,004	0,010	0,142	FALSE
0,102	0,285	0,002	0,006	0,113	FALSE
0,031	0,286	0,000	0,011	0,002	FALSE
0,021	0,296	0,000	0,010	0,014	FALSE
0,068	0,287	0,002	0,006	0,150	FALSE
0,085	0,304	0,001	0,007	0,077	FALSE
-0,057	0,277	0,000	0,008	0,011	FALSE
-0,065	0,290	-0,003	0,012	0,078	FALSE
0,151	0,285	0,003	0,006	0,181	FALSE

-0,150	0,296	-0,002	0,007	0,109	FALSE
-0,161	0,272	-0,004	0,012	0,129	FALSE
0,150	0,293	0,005	0,010	0,236	FALSE
0,090	0,286	0,002	0,010	0,084	FALSE
0,158	0,296	0,003	0,008	0,170	FALSE
0,165	0,286	0,004	0,009	0,209	FALSE
-0,165	0,272	-0,003	0,008	0,157	FALSE
0,084	0,305	0,001	0,009	0,045	FALSE
-0,073	0,286	-0,001	0,007	0,037	FALSE
0,006	0,303	0,000	0,008	0,000	FALSE
-0,098	0,305	-0,003	0,008	0,154	FALSE
0,035	0,283	0,003	0,013	0,083	FALSE
0,054	0,290	0,002	0,008	0,103	FALSE
0,041	0,280	0,002	0,012	0,080	FALSE
0,042	0,284	0,001	0,008	0,041	FALSE
-0,069	0,288	0,000	0,010	0,009	FALSE
0,036	0,286	0,002	0,008	0,110	FALSE
-0,082	0,281	-0,001	0,007	0,068	FALSE
-0,017	0,293	-0,001	0,012	0,032	FALSE
-0,099	0,294	-0,002	0,007	0,099	FALSE
0,085	0,289	0,003	0,009	0,121	FALSE
0,053	0,310	0,001	0,007	0,031	FALSE
-0,123	0,297	-0,003	0,006	0,164	FALSE
-0,035	0,280	-0,003	0,008	0,140	FALSE
-0,247	0,279	-0,005	0,007	0,315	FALSE
-0,047	0,291	-0,001	0,013	0,020	FALSE
-0,091	0,287	-0,003	0,009	0,134	FALSE
-0,091	0,267	-0,003	0,007	0,152	FALSE
0,072	0,278	0,003	0,010	0,106	FALSE
0,020	0,287	0,000	0,008	0,000	FALSE
0,004	0,289	0,000	0,009	0,016	FALSE
-0,036	0,287	-0,001	0,006	0,030	FALSE
-0,057	0,281	-0,002	0,012	0,050	FALSE
-0,059	0,299	-0,002	0,010	0,076	FALSE
-0,127	0,279	-0,003	0,008	0,153	FALSE
-0,035	0,285	0,001	0,012	0,018	FALSE
-0,010	0,283	-0,001	0,007	0,049	FALSE
-0,174	0,275	-0,004	0,006	0,269	FALSE
-0,154	0,293	-0,005	0,008	0,238	FALSE
0,048	0,298	0,000	0,007	0,024	FALSE
-0,050	0,295	-0,002	0,008	0,078	FALSE
-0,025	0,285	-0,001	0,008	0,030	FALSE
0,032	0,282	0,001	0,007	0,026	FALSE
-0,037	0,281	0,000	0,007	0,008	FALSE
0,111	0,291	0,002	0,007	0,127	FALSE
-0,042	0,289	-0,001	0,012	0,029	FALSE
0,018	0,298	0,000	0,007	0,003	FALSE
-0,139	0,274	-0,002	0,008	0,104	FALSE
-0,050	0,288	0,000	0,007	0,011	FALSE
-0,060	0,283	0,000	0,007	0,001	FALSE
-0,015	0,278	-0,001	0,010	0,053	FALSE
0,042	0,285	0,001	0,007	0,045	FALSE
-0,015	0,286	0,001	0,008	0,039	FALSE

-0,109	0,295	-0,005	0,013	0,161	FALSE
0,067	0,295	0,004	0,009	0,189	FALSE
-0,029	0,283	0,000	0,013	0,003	FALSE
-0,077	0,284	-0,002	0,011	0,062	FALSE
-0,201	0,272	-0,006	0,012	0,183	FALSE
-0,094	0,288	-0,002	0,008	0,088	FALSE
-0,009	0,279	0,000	0,007	0,011	FALSE
-0,028	0,294	-0,002	0,008	0,104	FALSE
0,042	0,305	0,001	0,012	0,043	FALSE
0,053	0,280	0,002	0,011	0,077	FALSE
0,021	0,300	0,001	0,011	0,032	FALSE
0,064	0,278	0,002	0,008	0,091	FALSE
0,001	0,293	0,000	0,008	0,023	FALSE
0,034	0,297	0,000	0,007	0,020	FALSE
0,022	0,295	0,001	0,008	0,050	FALSE
0,008	0,297	-0,001	0,007	0,041	FALSE
-0,060	0,287	-0,002	0,007	0,111	FALSE
0,066	0,296	0,002	0,008	0,105	FALSE
0,139	0,284	0,006	0,013	0,176	FALSE
0,050	0,295	0,001	0,007	0,058	FALSE
0,018	0,294	0,000	0,008	0,015	FALSE
0,074	0,282	0,003	0,008	0,130	FALSE
-0,007	0,279	0,001	0,007	0,026	FALSE
-0,054	0,293	-0,001	0,006	0,038	FALSE
0,154	0,290	0,005	0,010	0,197	FALSE
0,032	0,280	0,001	0,007	0,053	FALSE
0,062	0,287	0,001	0,007	0,084	FALSE
0,100	0,302	0,002	0,007	0,110	FALSE
-0,045	0,289	0,000	0,012	0,002	FALSE
-0,070	0,284	-0,001	0,010	0,027	FALSE
-0,009	0,297	0,000	0,008	0,013	FALSE
-0,049	0,298	-0,001	0,007	0,051	FALSE
-0,090	0,287	-0,002	0,008	0,088	FALSE
-0,044	0,285	0,000	0,006	0,026	FALSE
-0,058	0,297	-0,001	0,006	0,047	FALSE
0,002	0,300	0,001	0,012	0,027	FALSE
0,036	0,293	0,002	0,009	0,096	FALSE
-0,182	0,298	-0,003	0,007	0,200	FALSE
-0,116	0,286	-0,002	0,006	0,113	FALSE
-0,072	0,296	-0,001	0,007	0,067	FALSE
0,057	0,280	0,000	0,012	0,001	FALSE
0,060	0,292	0,003	0,013	0,079	FALSE
-0,058	0,278	-0,004	0,010	0,155	FALSE
-0,009	0,292	0,000	0,012	0,015	FALSE
0,009	0,280	0,000	0,007	0,009	FALSE
-0,020	0,295	0,000	0,009	0,002	FALSE
-0,111	0,274	-0,004	0,012	0,119	FALSE
-0,142	0,292	-0,005	0,013	0,146	FALSE
0,069	0,291	0,002	0,007	0,105	FALSE
0,059	0,297	0,001	0,006	0,068	FALSE
0,030	0,296	0,000	0,009	0,002	FALSE
0,062	0,281	0,001	0,007	0,071	FALSE
0,092	0,288	0,002	0,007	0,110	FALSE

-0,002	0,302	0,000	0,010	0,014	FALSE
-0,024	0,292	0,000	0,007	0,020	FALSE
-0,034	0,283	-0,001	0,006	0,042	FALSE
-0,069	0,292	-0,001	0,012	0,035	FALSE
-0,034	0,289	-0,003	0,009	0,113	FALSE
0,053	0,293	0,001	0,007	0,072	FALSE
-0,015	0,280	-0,001	0,006	0,049	FALSE
0,053	0,310	0,000	0,010	0,002	FALSE
0,046	0,299	0,001	0,009	0,027	FALSE
0,015	0,295	-0,001	0,009	0,058	FALSE
-0,019	0,300	0,000	0,006	0,012	FALSE
0,067	0,295	0,001	0,009	0,043	FALSE
0,018	0,302	0,000	0,007	0,010	FALSE
-0,022	0,296	-0,002	0,008	0,081	FALSE
-0,038	0,290	-0,002	0,013	0,071	FALSE
0,071	0,294	0,001	0,008	0,051	FALSE
0,131	0,301	0,006	0,013	0,208	FALSE
0,146	0,294	0,007	0,012	0,248	FALSE
0,047	0,295	0,003	0,013	0,083	FALSE
-0,110	0,283	-0,004	0,010	0,183	FALSE
-0,181	0,270	-0,007	0,010	0,319	FALSE
-0,176	0,292	-0,008	0,013	0,274	FALSE
0,048	0,291	0,001	0,012	0,019	FALSE
0,060	0,285	0,001	0,009	0,045	FALSE
0,042	0,290	0,001	0,007	0,049	FALSE
-0,066	0,285	-0,001	0,010	0,043	FALSE
0,061	0,301	0,001	0,007	0,072	FALSE
0,033	0,291	0,000	0,011	0,005	FALSE
-0,055	0,284	0,000	0,013	0,008	FALSE
-0,148	0,294	-0,004	0,012	0,137	FALSE
-0,176	0,293	-0,006	0,012	0,193	FALSE
-0,025	0,283	-0,001	0,007	0,063	FALSE
-0,062	0,281	-0,001	0,010	0,040	FALSE
-0,076	0,291	-0,003	0,008	0,132	FALSE
-0,067	0,291	-0,005	0,013	0,135	FALSE
-0,092	0,280	-0,002	0,006	0,119	FALSE
-0,041	0,280	-0,002	0,011	0,048	FALSE
0,053	0,289	0,002	0,009	0,078	FALSE
-0,094	0,277	-0,005	0,012	0,158	FALSE
-0,079	0,278	-0,003	0,008	0,156	FALSE
-0,079	0,290	-0,002	0,012	0,050	FALSE
-0,048	0,295	-0,002	0,011	0,050	FALSE
0,053	0,296	0,001	0,006	0,071	FALSE
-0,130	0,291	-0,004	0,009	0,170	FALSE
-0,028	0,298	-0,001	0,012	0,037	FALSE
0,007	0,298	0,002	0,011	0,069	FALSE
-0,127	0,296	-0,003	0,009	0,137	FALSE
0,103	0,290	0,001	0,006	0,068	FALSE
0,147	0,300	0,006	0,013	0,208	FALSE
0,008	0,283	0,001	0,009	0,044	FALSE
0,052	0,287	0,003	0,011	0,102	FALSE
0,020	0,292	-0,001	0,008	0,032	FALSE
0,120	0,289	0,004	0,011	0,153	FALSE

0,151	0,289	0,004	0,012	0,136	FALSE
0,002	0,285	0,000	0,008	0,002	FALSE
0,048	0,278	0,004	0,009	0,162	FALSE
-0,006	0,274	0,000	0,012	0,012	FALSE
-0,048	0,283	0,001	0,008	0,033	FALSE
0,003	0,290	-0,001	0,009	0,021	FALSE
-0,036	0,289	-0,003	0,009	0,117	FALSE
0,092	0,294	0,002	0,011	0,067	FALSE
-0,087	0,284	-0,003	0,011	0,092	FALSE
-0,022	0,286	-0,001	0,011	0,028	FALSE
0,069	0,280	0,002	0,007	0,105	FALSE
0,030	0,294	0,001	0,007	0,044	FALSE
0,025	0,295	0,000	0,006	0,007	FALSE
-0,016	0,288	0,000	0,007	0,010	FALSE
0,083	0,300	0,002	0,010	0,074	FALSE
0,041	0,282	0,002	0,008	0,095	FALSE
-0,113	0,287	-0,003	0,009	0,123	FALSE
0,080	0,287	0,005	0,013	0,169	FALSE
-0,049	0,281	0,001	0,013	0,041	FALSE
-0,107	0,277	-0,004	0,012	0,146	FALSE
-0,091	0,289	-0,004	0,013	0,114	FALSE
0,066	0,288	0,002	0,010	0,057	FALSE
0,063	0,278	0,001	0,009	0,039	FALSE
0,053	0,304	0,001	0,010	0,045	FALSE
-0,005	0,296	-0,001	0,012	0,026	FALSE
0,061	0,296	0,001	0,009	0,041	FALSE
-0,107	0,281	-0,003	0,008	0,124	FALSE
-0,027	0,295	-0,002	0,010	0,063	FALSE
0,083	0,285	0,002	0,007	0,109	FALSE
0,032	0,295	0,002	0,012	0,069	FALSE
-0,047	0,275	-0,002	0,008	0,099	FALSE
0,032	0,286	0,000	0,013	0,013	FALSE
-0,048	0,286	-0,002	0,012	0,063	FALSE
0,107	0,289	0,004	0,011	0,127	FALSE
0,195	0,277	0,008	0,011	0,375	FALSE
0,235	0,275	0,009	0,010	0,467	FALSE
0,112	0,288	0,007	0,013	0,231	FALSE
0,068	0,293	0,002	0,013	0,059	FALSE
0,095	0,286	0,003	0,012	0,107	FALSE
-0,231	0,271	-0,006	0,008	0,360	FALSE
-0,016	0,304	0,000	0,007	0,010	FALSE
0,002	0,296	-0,001	0,013	0,035	FALSE
-0,078	0,287	-0,002	0,008	0,106	FALSE
-0,144	0,289	-0,003	0,009	0,145	FALSE
0,119	0,295	0,003	0,007	0,157	FALSE
-0,088	0,280	-0,002	0,009	0,099	FALSE
-0,021	0,299	-0,001	0,011	0,041	FALSE
0,021	0,294	0,000	0,007	0,007	FALSE
-0,051	0,303	-0,001	0,007	0,028	FALSE
0,056	0,301	0,002	0,012	0,071	FALSE
0,029	0,283	-0,001	0,010	0,021	FALSE
-0,043	0,293	-0,002	0,007	0,108	FALSE
-0,022	0,285	-0,001	0,006	0,030	FALSE

-0,117	0,277	-0,004	0,010	0,174	FALSE
0,071	0,293	0,003	0,011	0,101	FALSE
-0,053	0,288	-0,002	0,011	0,061	FALSE
-0,007	0,299	0,000	0,008	0,006	FALSE
-0,052	0,291	0,000	0,010	0,013	FALSE
-0,072	0,289	-0,002	0,010	0,056	FALSE
0,050	0,284	0,003	0,012	0,105	FALSE
-0,043	0,276	0,001	0,013	0,029	FALSE
-0,073	0,275	-0,001	0,013	0,026	FALSE
-0,021	0,283	-0,002	0,010	0,092	FALSE
-0,036	0,288	0,000	0,007	0,007	FALSE
-0,004	0,295	-0,001	0,011	0,039	FALSE
-0,029	0,285	-0,002	0,007	0,095	FALSE
0,036	0,296	0,000	0,007	0,011	FALSE
-0,019	0,291	-0,002	0,011	0,054	FALSE
0,032	0,281	0,002	0,009	0,098	FALSE
0,060	0,292	0,002	0,007	0,100	FALSE
0,076	0,290	0,001	0,012	0,030	FALSE
0,040	0,295	0,001	0,011	0,046	FALSE
-0,075	0,287	-0,002	0,009	0,101	FALSE
-0,081	0,296	-0,003	0,013	0,082	FALSE
0,051	0,289	0,002	0,006	0,128	FALSE
0,075	0,298	0,003	0,007	0,159	FALSE
0,101	0,286	0,003	0,009	0,131	FALSE
-0,105	0,300	-0,002	0,009	0,087	FALSE
-0,030	0,286	-0,001	0,008	0,029	FALSE
0,032	0,306	-0,001	0,011	0,032	FALSE
0,123	0,282	0,007	0,012	0,264	FALSE
0,038	0,288	0,003	0,011	0,097	FALSE
0,016	0,278	-0,002	0,007	0,108	FALSE
-0,070	0,286	0,000	0,013	0,008	FALSE
-0,157	0,293	-0,005	0,010	0,243	FALSE
0,037	0,282	0,001	0,012	0,024	FALSE
-0,057	0,281	-0,001	0,007	0,085	FALSE
0,032	0,301	0,003	0,012	0,101	FALSE
0,065	0,292	0,002	0,007	0,089	FALSE
-0,014	0,291	0,000	0,008	0,010	FALSE
-0,043	0,278	-0,001	0,008	0,037	FALSE
-0,223	0,288	-0,004	0,006	0,309	FALSE
0,027	0,283	0,000	0,010	0,012	FALSE
0,010	0,301	0,001	0,012	0,021	FALSE
-0,024	0,287	-0,003	0,010	0,122	FALSE
0,082	0,298	0,003	0,009	0,116	FALSE
-0,019	0,298	-0,001	0,012	0,020	FALSE
-0,018	0,277	-0,001	0,007	0,059	FALSE
0,100	0,302	0,003	0,009	0,129	FALSE
0,105	0,284	0,003	0,007	0,156	FALSE
-0,090	0,283	-0,002	0,010	0,084	FALSE
-0,045	0,286	-0,002	0,007	0,130	FALSE
-0,014	0,282	-0,001	0,009	0,030	FALSE
-0,037	0,288	-0,002	0,009	0,069	FALSE
0,000	0,299	0,000	0,007	0,020	FALSE
-0,005	0,286	0,001	0,008	0,024	FALSE

0,131	0,288	0,007	0,011	0,274	FALSE
0,046	0,302	0,000	0,009	0,019	FALSE
-0,039	0,289	0,000	0,006	0,025	FALSE
0,010	0,285	0,001	0,006	0,041	FALSE
0,168	0,286	0,005	0,013	0,172	FALSE
-0,057	0,290	-0,003	0,012	0,110	FALSE
0,005	0,289	0,000	0,007	0,022	FALSE
0,042	0,284	0,002	0,007	0,098	FALSE
0,140	0,288	0,004	0,012	0,128	FALSE
-0,057	0,288	-0,003	0,014	0,084	FALSE
0,107	0,275	0,002	0,007	0,118	FALSE
0,103	0,288	0,002	0,010	0,067	FALSE
0,176	0,304	0,004	0,008	0,219	FALSE
-0,018	0,290	0,000	0,010	0,014	FALSE
0,030	0,287	0,002	0,010	0,074	FALSE
0,175	0,283	0,006	0,012	0,226	FALSE
-0,046	0,300	-0,002	0,013	0,045	FALSE
0,021	0,301	0,001	0,013	0,014	FALSE
0,062	0,281	0,000	0,009	0,019	FALSE
0,106	0,293	0,002	0,008	0,093	FALSE
0,047	0,289	0,000	0,012	0,011	FALSE
0,096	0,280	0,003	0,011	0,117	FALSE
0,110	0,287	0,002	0,009	0,071	FALSE
0,025	0,288	0,000	0,008	0,011	FALSE
0,027	0,300	0,001	0,008	0,032	FALSE
0,011	0,297	0,001	0,012	0,044	FALSE
0,060	0,292	0,004	0,012	0,133	FALSE
0,071	0,282	0,001	0,007	0,037	FALSE
-0,071	0,283	-0,002	0,011	0,081	FALSE
0,023	0,297	0,000	0,010	0,012	FALSE
-0,107	0,286	-0,003	0,012	0,097	FALSE
0,078	0,286	0,004	0,008	0,214	FALSE
-0,080	0,279	-0,001	0,006	0,079	FALSE
-0,042	0,290	-0,001	0,006	0,057	FALSE
-0,008	0,286	-0,002	0,012	0,060	FALSE
0,067	0,298	0,001	0,008	0,047	FALSE
0,085	0,295	0,001	0,011	0,042	FALSE
0,079	0,283	0,001	0,010	0,027	FALSE
0,026	0,304	0,000	0,008	0,004	FALSE
0,128	0,286	0,005	0,011	0,179	FALSE
0,153	0,284	0,004	0,009	0,182	FALSE
0,077	0,296	0,004	0,012	0,119	FALSE
0,123	0,288	0,004	0,011	0,157	FALSE
0,121	0,287	0,004	0,011	0,150	FALSE
0,017	0,302	0,001	0,009	0,038	FALSE
-0,080	0,283	-0,002	0,012	0,049	FALSE
0,062	0,294	0,003	0,010	0,102	FALSE
-0,034	0,285	-0,001	0,006	0,070	FALSE
0,021	0,300	0,002	0,013	0,042	FALSE
0,106	0,280	0,003	0,010	0,124	FALSE
0,055	0,292	0,002	0,013	0,042	FALSE
0,002	0,288	0,001	0,007	0,063	FALSE
0,065	0,280	0,000	0,012	0,009	FALSE

0,064	0,285	0,000	0,012	0,007	FALSE
-0,106	0,277	-0,003	0,007	0,160	FALSE
0,009	0,282	0,001	0,010	0,037	FALSE
0,017	0,285	0,001	0,010	0,039	FALSE
0,089	0,282	0,004	0,010	0,146	FALSE
0,127	0,289	0,003	0,007	0,215	FALSE
0,024	0,289	0,001	0,007	0,081	FALSE
-0,046	0,290	-0,001	0,011	0,025	FALSE
-0,033	0,291	-0,001	0,012	0,024	FALSE
-0,031	0,295	-0,001	0,011	0,038	FALSE
0,129	0,292	0,004	0,009	0,175	FALSE
0,073	0,298	0,004	0,013	0,107	FALSE
0,067	0,297	0,001	0,010	0,056	FALSE
-0,025	0,274	-0,001	0,012	0,040	FALSE
-0,137	0,288	-0,006	0,010	0,261	FALSE
0,060	0,282	0,000	0,007	0,003	FALSE
0,012	0,283	0,001	0,009	0,047	FALSE
0,082	0,297	0,005	0,013	0,146	FALSE
0,098	0,282	0,003	0,009	0,130	FALSE
-0,049	0,299	-0,001	0,013	0,027	FALSE
-0,052	0,296	-0,001	0,008	0,062	FALSE
0,146	0,285	0,005	0,010	0,224	FALSE
-0,064	0,280	0,000	0,012	0,014	FALSE
-0,071	0,285	-0,001	0,010	0,031	FALSE
0,001	0,289	0,001	0,006	0,035	FALSE
0,037	0,289	0,000	0,012	0,012	FALSE
-0,170	0,293	-0,006	0,011	0,250	FALSE
0,111	0,285	0,004	0,008	0,183	FALSE
0,155	0,292	0,004	0,006	0,309	FALSE
-0,047	0,286	0,000	0,010	0,007	FALSE
0,111	0,284	0,003	0,010	0,124	FALSE
-0,026	0,296	-0,002	0,009	0,104	FALSE
0,077	0,283	0,006	0,013	0,191	FALSE
0,067	0,296	0,004	0,009	0,164	FALSE
0,034	0,308	0,002	0,013	0,063	FALSE
-0,084	0,290	-0,003	0,007	0,150	FALSE
-0,065	0,288	-0,004	0,008	0,192	FALSE
-0,002	0,295	0,001	0,008	0,028	FALSE
-0,055	0,278	-0,003	0,012	0,092	FALSE
-0,097	0,283	-0,003	0,011	0,124	FALSE
0,150	0,288	0,003	0,008	0,158	FALSE
0,001	0,299	0,000	0,008	0,003	FALSE
-0,115	0,286	-0,003	0,007	0,164	FALSE
0,029	0,292	0,001	0,006	0,040	FALSE
-0,062	0,291	-0,002	0,008	0,082	FALSE
0,122	0,284	0,002	0,008	0,092	FALSE
-0,127	0,280	-0,003	0,007	0,159	FALSE
-0,033	0,296	0,000	0,013	0,001	FALSE
0,016	0,297	0,002	0,008	0,093	FALSE
-0,039	0,289	-0,001	0,009	0,037	FALSE
-0,137	0,291	-0,004	0,010	0,169	FALSE
0,016	0,289	0,000	0,007	0,004	FALSE
-0,010	0,279	-0,001	0,011	0,023	FALSE

-0,016	0,295	0,000	0,007	0,009	FALSE
0,094	0,271	0,003	0,007	0,149	FALSE
0,152	0,295	0,003	0,007	0,192	FALSE
-0,081	0,273	-0,002	0,011	0,078	FALSE
-0,040	0,284	-0,003	0,012	0,087	FALSE
-0,122	0,293	-0,002	0,006	0,166	FALSE
0,086	0,272	0,001	0,006	0,076	FALSE
0,064	0,284	0,002	0,009	0,080	FALSE
0,072	0,284	0,001	0,006	0,065	FALSE
-0,058	0,283	-0,002	0,011	0,057	FALSE
-0,045	0,294	-0,001	0,008	0,073	FALSE
-0,072	0,278	-0,004	0,009	0,187	FALSE
0,189	0,273	0,004	0,006	0,312	FALSE
0,003	0,289	-0,002	0,009	0,063	FALSE
-0,042	0,290	-0,002	0,008	0,079	FALSE
0,011	0,290	-0,002	0,009	0,078	FALSE
-0,111	0,295	-0,002	0,009	0,102	FALSE
0,115	0,299	0,005	0,013	0,144	FALSE
-0,126	0,293	-0,004	0,014	0,127	FALSE
0,050	0,296	0,001	0,012	0,039	FALSE
0,056	0,296	0,002	0,007	0,089	FALSE
0,121	0,263	0,003	0,008	0,149	FALSE
-0,019	0,297	-0,001	0,013	0,023	FALSE
-0,040	0,285	-0,001	0,008	0,055	FALSE
0,048	0,284	0,000	0,013	0,004	FALSE
-0,067	0,302	-0,002	0,007	0,086	FALSE
0,069	0,297	0,002	0,010	0,078	FALSE
0,052	0,296	0,003	0,013	0,082	FALSE
0,010	0,290	0,000	0,011	0,003	FALSE
0,028	0,287	0,000	0,006	0,005	FALSE
-0,128	0,287	-0,002	0,007	0,148	FALSE
-0,046	0,288	0,000	0,009	0,008	FALSE
-0,104	0,287	-0,003	0,009	0,127	FALSE
0,215	0,295	0,005	0,006	0,375	FALSE
-0,035	0,281	-0,001	0,012	0,043	FALSE
0,003	0,298	0,000	0,007	0,002	FALSE
-0,048	0,298	-0,001	0,013	0,020	FALSE
-0,077	0,291	-0,004	0,012	0,124	FALSE
-0,022	0,286	0,000	0,007	0,024	FALSE
0,115	0,288	0,007	0,013	0,222	FALSE
-0,062	0,294	-0,001	0,007	0,067	FALSE
0,044	0,284	0,003	0,008	0,161	FALSE
-0,052	0,294	-0,002	0,007	0,112	FALSE
-0,020	0,288	0,000	0,007	0,023	FALSE
-0,099	0,281	-0,003	0,012	0,084	FALSE
0,117	0,281	0,004	0,011	0,166	FALSE
0,193	0,285	0,004	0,007	0,266	FALSE
0,169	0,289	0,004	0,007	0,240	FALSE
0,060	0,277	0,001	0,006	0,059	FALSE
0,058	0,294	0,000	0,011	0,006	FALSE
-0,027	0,298	-0,001	0,013	0,019	FALSE
0,016	0,291	0,001	0,007	0,069	FALSE
-0,039	0,298	-0,002	0,009	0,069	FALSE

-0,074	0,298	-0,003	0,013	0,088	FALSE
-0,003	0,286	-0,001	0,008	0,024	FALSE
0,015	0,288	-0,001	0,011	0,027	FALSE
-0,014	0,293	0,001	0,007	0,053	FALSE
-0,030	0,287	0,001	0,007	0,026	FALSE
-0,143	0,282	-0,005	0,009	0,242	FALSE
0,132	0,273	0,007	0,012	0,232	FALSE
-0,177	0,307	-0,008	0,012	0,287	FALSE
-0,027	0,288	-0,004	0,013	0,102	FALSE
-0,012	0,291	0,002	0,013	0,064	FALSE
0,016	0,290	0,001	0,007	0,030	FALSE
-0,061	0,300	-0,003	0,008	0,138	FALSE
0,076	0,295	0,002	0,007	0,125	FALSE
-0,026	0,277	0,000	0,006	0,017	FALSE
0,136	0,299	0,003	0,007	0,190	FALSE
0,132	0,286	0,002	0,007	0,110	FALSE
0,045	0,291	0,000	0,007	0,021	FALSE
0,157	0,282	0,005	0,011	0,191	FALSE
-0,111	0,284	-0,002	0,007	0,130	FALSE
-0,117	0,283	-0,004	0,013	0,132	FALSE
0,043	0,282	0,001	0,010	0,025	FALSE
0,118	0,298	0,005	0,013	0,153	FALSE
0,009	0,287	0,000	0,006	0,012	FALSE
-0,111	0,285	-0,003	0,008	0,149	FALSE
-0,136	0,291	-0,003	0,007	0,178	FALSE
-0,040	0,296	0,000	0,007	0,016	FALSE
0,138	0,275	0,004	0,006	0,254	FALSE
0,269	0,277	0,009	0,010	0,436	FALSE
0,116	0,285	0,006	0,013	0,193	FALSE
-0,118	0,282	-0,005	0,012	0,187	FALSE
0,000	0,302	0,001	0,007	0,027	FALSE
0,070	0,307	0,001	0,009	0,028	FALSE
0,114	0,288	0,002	0,007	0,099	FALSE
0,082	0,283	0,002	0,008	0,073	FALSE
-0,066	0,286	-0,003	0,011	0,094	FALSE
-0,008	0,294	0,001	0,009	0,024	FALSE
0,098	0,284	0,003	0,011	0,115	FALSE
-0,095	0,288	-0,004	0,013	0,106	FALSE
0,123	0,289	0,005	0,012	0,159	FALSE
-0,012	0,298	-0,001	0,007	0,036	FALSE
0,094	0,285	0,003	0,012	0,091	FALSE
0,137	0,283	0,003	0,006	0,233	FALSE
-0,006	0,296	-0,001	0,010	0,055	FALSE
0,040	0,296	0,002	0,013	0,045	FALSE
-0,077	0,290	-0,002	0,006	0,094	FALSE
0,048	0,297	0,000	0,011	0,014	FALSE
0,038	0,288	0,001	0,007	0,081	FALSE
-0,062	0,299	-0,001	0,008	0,035	FALSE
-0,011	0,293	-0,001	0,007	0,051	FALSE
-0,078	0,283	-0,002	0,009	0,076	FALSE
0,019	0,278	0,002	0,008	0,112	FALSE
-0,050	0,279	0,001	0,010	0,024	FALSE
0,084	0,300	0,002	0,008	0,083	FALSE

-0,114	0,286	-0,003	0,009	0,124	FALSE
0,067	0,296	0,000	0,013	0,008	FALSE
0,019	0,289	0,002	0,012	0,075	FALSE
-0,083	0,287	0,000	0,012	0,003	FALSE
0,002	0,299	-0,002	0,010	0,079	FALSE
0,106	0,286	0,003	0,011	0,117	FALSE
-0,024	0,292	0,000	0,007	0,008	FALSE
-0,203	0,276	-0,004	0,007	0,234	FALSE
-0,062	0,286	0,000	0,010	0,010	FALSE
0,025	0,286	0,004	0,012	0,143	FALSE
-0,077	0,301	-0,004	0,012	0,128	FALSE
0,070	0,293	0,003	0,011	0,088	FALSE
-0,084	0,289	-0,003	0,009	0,117	FALSE
0,015	0,293	0,001	0,013	0,021	FALSE
0,133	0,292	0,004	0,012	0,147	FALSE
-0,032	0,280	-0,002	0,013	0,067	FALSE
-0,081	0,288	-0,003	0,010	0,103	FALSE
0,194	0,281	0,004	0,007	0,235	FALSE
0,185	0,280	0,004	0,007	0,260	FALSE
0,116	0,298	0,002	0,006	0,157	FALSE
-0,010	0,292	-0,002	0,008	0,105	FALSE
-0,044	0,282	-0,003	0,011	0,085	FALSE
0,067	0,299	0,003	0,009	0,148	FALSE
-0,139	0,292	-0,006	0,011	0,216	FALSE
0,025	0,297	0,001	0,007	0,041	FALSE
-0,002	0,292	-0,002	0,011	0,066	FALSE
0,027	0,298	0,001	0,008	0,072	FALSE
-0,042	0,291	-0,001	0,007	0,078	FALSE
0,100	0,296	0,001	0,007	0,033	FALSE
-0,071	0,306	-0,004	0,013	0,130	FALSE
-0,064	0,289	-0,001	0,006	0,042	FALSE
-0,030	0,300	0,000	0,006	0,015	FALSE
-0,041	0,296	0,000	0,006	0,019	FALSE
0,057	0,290	0,001	0,007	0,063	FALSE
0,069	0,279	0,005	0,011	0,209	FALSE
-0,091	0,287	-0,003	0,006	0,158	FALSE
-0,096	0,287	-0,004	0,013	0,123	FALSE
-0,191	0,279	-0,006	0,011	0,265	FALSE
-0,148	0,287	-0,003	0,007	0,215	FALSE
0,005	0,296	0,000	0,008	0,002	FALSE
0,076	0,290	0,003	0,011	0,104	FALSE
0,066	0,288	0,002	0,009	0,077	FALSE
0,035	0,287	0,000	0,010	0,003	FALSE
0,084	0,291	0,001	0,010	0,040	FALSE
-0,036	0,293	-0,002	0,012	0,050	FALSE
0,067	0,289	0,001	0,008	0,058	FALSE
0,058	0,291	0,000	0,011	0,008	FALSE
-0,030	0,299	0,001	0,009	0,025	FALSE
-0,032	0,296	-0,001	0,013	0,031	FALSE
-0,015	0,283	0,002	0,012	0,064	FALSE
0,089	0,288	0,001	0,007	0,072	FALSE
0,023	0,289	0,000	0,009	0,015	FALSE
-0,120	0,279	-0,006	0,012	0,208	FALSE

-0,012	0,302	0,000	0,012	0,003	FALSE
-0,022	0,298	-0,001	0,009	0,059	FALSE
-0,014	0,277	-0,001	0,012	0,027	FALSE
-0,020	0,297	0,000	0,007	0,004	FALSE
0,060	0,286	0,002	0,007	0,087	FALSE
-0,063	0,294	-0,004	0,013	0,117	FALSE
-0,080	0,296	-0,002	0,007	0,119	FALSE
-0,026	0,295	-0,002	0,012	0,064	FALSE
-0,083	0,294	-0,003	0,008	0,168	FALSE
-0,065	0,299	-0,001	0,009	0,034	FALSE
-0,125	0,276	-0,002	0,009	0,100	FALSE
-0,039	0,283	-0,001	0,009	0,043	FALSE
0,035	0,284	0,002	0,010	0,083	FALSE
-0,151	0,291	-0,005	0,009	0,233	FALSE
-0,175	0,286	-0,008	0,013	0,279	FALSE
-0,196	0,303	-0,009	0,013	0,288	FALSE
0,089	0,290	0,003	0,010	0,131	FALSE
0,109	0,291	0,004	0,008	0,186	FALSE
0,076	0,302	0,002	0,009	0,092	FALSE
-0,112	0,282	-0,006	0,012	0,194	FALSE
0,026	0,292	0,003	0,013	0,095	FALSE
0,023	0,283	0,002	0,010	0,067	FALSE
0,121	0,278	0,006	0,012	0,212	FALSE
0,122	0,285	0,006	0,012	0,210	FALSE
0,006	0,287	0,002	0,011	0,074	FALSE
-0,022	0,292	-0,001	0,007	0,060	FALSE
-0,058	0,273	0,000	0,006	0,006	FALSE
-0,060	0,279	-0,001	0,006	0,052	FALSE
0,040	0,276	0,001	0,010	0,027	FALSE
0,090	0,276	0,003	0,011	0,112	FALSE
0,019	0,272	0,001	0,011	0,020	FALSE
0,040	0,291	0,001	0,011	0,041	FALSE
0,039	0,264	0,001	0,011	0,047	FALSE
0,031	0,281	0,001	0,010	0,027	FALSE
0,046	0,280	0,002	0,011	0,055	FALSE
0,054	0,276	0,002	0,011	0,074	FALSE
-0,198	0,280	-0,007	0,012	0,268	FALSE
0,011	0,280	0,000	0,009	0,010	FALSE
0,115	0,288	0,002	0,008	0,099	FALSE
0,086	0,296	0,003	0,009	0,152	FALSE
0,068	0,280	0,002	0,007	0,118	FALSE
0,141	0,298	0,002	0,008	0,115	FALSE
-0,104	0,293	-0,004	0,011	0,123	FALSE
-0,088	0,276	-0,002	0,011	0,081	FALSE
-0,067	0,286	-0,003	0,010	0,099	FALSE
-0,027	0,286	-0,001	0,010	0,032	FALSE
-0,059	0,299	-0,002	0,011	0,078	FALSE
-0,104	0,289	-0,002	0,010	0,093	FALSE
0,249	0,288	0,007	0,009	0,360	FALSE
-0,045	0,281	-0,002	0,011	0,067	FALSE
-0,009	0,291	0,000	0,007	0,001	FALSE
0,096	0,300	0,002	0,008	0,077	FALSE
0,071	0,297	0,002	0,011	0,085	FALSE

-0,039	0,294	0,000	0,010	0,007	FALSE
0,022	0,286	0,001	0,007	0,071	FALSE
0,024	0,291	0,001	0,007	0,071	FALSE
0,030	0,298	0,002	0,008	0,089	FALSE
0,017	0,285	0,001	0,007	0,056	FALSE
-0,028	0,308	-0,001	0,012	0,019	FALSE
-0,067	0,289	-0,002	0,012	0,065	FALSE
-0,131	0,291	-0,003	0,007	0,203	FALSE
0,073	0,292	0,002	0,013	0,048	FALSE
0,012	0,295	0,000	0,009	0,016	FALSE
0,062	0,284	0,005	0,011	0,167	FALSE
-0,064	0,296	-0,003	0,013	0,077	FALSE
0,030	0,284	0,001	0,009	0,037	FALSE
0,054	0,274	0,000	0,012	0,010	FALSE
-0,095	0,283	-0,004	0,009	0,206	FALSE
0,140	0,294	0,004	0,012	0,129	FALSE
-0,129	0,284	-0,002	0,009	0,064	FALSE
-0,051	0,295	-0,002	0,009	0,079	FALSE
0,027	0,287	0,000	0,007	0,016	FALSE
0,072	0,281	0,002	0,012	0,065	FALSE
-0,063	0,296	-0,002	0,008	0,096	FALSE
-0,004	0,280	-0,002	0,012	0,050	FALSE
-0,046	0,302	-0,002	0,013	0,054	FALSE
0,020	0,293	0,000	0,007	0,015	FALSE
-0,053	0,293	-0,001	0,010	0,049	FALSE
-0,012	0,299	0,000	0,011	0,016	FALSE
0,029	0,288	0,003	0,010	0,106	FALSE
-0,022	0,300	-0,001	0,008	0,057	FALSE
-0,116	0,282	-0,002	0,008	0,105	FALSE
0,105	0,289	0,003	0,009	0,146	FALSE
-0,002	0,293	0,000	0,007	0,015	FALSE
-0,028	0,288	0,000	0,008	0,018	FALSE
-0,007	0,282	0,000	0,006	0,002	FALSE
-0,026	0,286	0,000	0,007	0,007	FALSE
0,013	0,301	0,001	0,011	0,044	FALSE
0,036	0,284	0,002	0,009	0,082	FALSE
-0,024	0,299	0,000	0,007	0,002	FALSE
-0,090	0,293	-0,002	0,008	0,082	FALSE
-0,041	0,286	-0,001	0,007	0,074	FALSE
0,104	0,289	0,002	0,010	0,083	FALSE
-0,075	0,271	-0,002	0,013	0,071	FALSE
-0,049	0,296	-0,003	0,009	0,142	FALSE
0,076	0,291	0,003	0,008	0,172	FALSE
-0,082	0,286	-0,004	0,010	0,171	FALSE
0,033	0,299	0,001	0,011	0,024	FALSE
-0,012	0,304	-0,001	0,007	0,081	FALSE
0,068	0,283	0,001	0,009	0,030	FALSE
0,032	0,286	0,000	0,008	0,007	FALSE
-0,023	0,300	-0,002	0,006	0,090	FALSE
-0,036	0,284	0,000	0,007	0,011	FALSE
-0,106	0,282	-0,001	0,007	0,083	FALSE
-0,032	0,295	-0,001	0,008	0,062	FALSE
-0,095	0,279	-0,002	0,008	0,110	FALSE

0,035	0,289	0,002	0,009	0,107	FALSE
0,113	0,284	0,005	0,013	0,156	FALSE
0,050	0,296	0,001	0,012	0,015	FALSE
0,106	0,293	0,001	0,006	0,089	FALSE
0,156	0,274	0,005	0,011	0,208	FALSE
0,092	0,283	0,002	0,008	0,093	FALSE
-0,038	0,286	0,000	0,011	0,001	FALSE
-0,019	0,286	-0,002	0,007	0,096	FALSE
0,106	0,295	0,002	0,009	0,090	FALSE
0,058	0,293	0,000	0,012	0,010	FALSE
-0,044	0,291	-0,001	0,007	0,030	FALSE
0,077	0,293	0,001	0,008	0,027	FALSE
0,001	0,298	0,000	0,008	0,010	FALSE
0,002	0,279	-0,001	0,008	0,029	FALSE
0,045	0,290	0,002	0,013	0,053	FALSE
0,030	0,293	0,001	0,011	0,050	FALSE
0,056	0,277	0,000	0,007	0,012	FALSE
-0,088	0,300	-0,003	0,013	0,083	FALSE
0,138	0,292	0,004	0,009	0,159	FALSE
0,014	0,297	0,000	0,008	0,006	FALSE
0,006	0,293	0,001	0,007	0,069	FALSE
0,087	0,286	0,003	0,008	0,151	FALSE
0,002	0,285	0,000	0,007	0,019	FALSE
-0,195	0,272	-0,007	0,009	0,338	FALSE
-0,022	0,288	0,000	0,007	0,018	FALSE
-0,046	0,286	-0,004	0,011	0,138	FALSE
0,099	0,287	0,003	0,008	0,178	FALSE
-0,120	0,283	-0,003	0,008	0,151	FALSE
-0,105	0,279	-0,003	0,008	0,139	FALSE
0,017	0,279	0,002	0,012	0,056	FALSE
-0,069	0,281	-0,002	0,008	0,079	FALSE
0,080	0,292	0,002	0,012	0,056	FALSE
0,021	0,286	0,002	0,010	0,072	FALSE
-0,062	0,287	-0,001	0,009	0,038	FALSE
0,036	0,295	0,000	0,013	0,008	FALSE
-0,104	0,306	-0,006	0,012	0,198	FALSE
-0,145	0,299	-0,005	0,013	0,174	FALSE
-0,025	0,298	-0,001	0,012	0,025	FALSE
0,111	0,284	0,003	0,008	0,162	FALSE
0,070	0,290	0,001	0,006	0,067	FALSE
-0,071	0,306	-0,003	0,012	0,093	FALSE
-0,046	0,276	0,001	0,013	0,014	FALSE
0,052	0,296	0,001	0,006	0,070	FALSE
0,073	0,300	0,002	0,008	0,080	FALSE
0,078	0,284	0,001	0,011	0,043	FALSE
0,073	0,294	-0,001	0,014	0,033	FALSE
0,082	0,292	0,004	0,009	0,154	FALSE
-0,007	0,294	-0,001	0,007	0,048	FALSE
0,007	0,285	-0,001	0,007	0,037	FALSE
0,019	0,284	0,001	0,007	0,044	FALSE
-0,098	0,288	-0,001	0,008	0,067	FALSE
0,203	0,266	0,007	0,010	0,308	FALSE
-0,034	0,273	-0,002	0,011	0,058	FALSE

-0,070	0,275	-0,003	0,008	0,126	FALSE
0,087	0,295	0,001	0,008	0,045	FALSE
0,132	0,282	0,003	0,007	0,189	FALSE
0,109	0,276	0,004	0,013	0,133	FALSE
0,208	0,292	0,006	0,009	0,291	FALSE
0,015	0,291	0,000	0,010	0,008	FALSE
-0,070	0,281	-0,003	0,012	0,088	FALSE
0,117	0,303	0,005	0,014	0,131	FALSE
0,006	0,289	0,000	0,010	0,005	FALSE
-0,063	0,294	-0,003	0,013	0,076	FALSE
0,130	0,284	0,003	0,007	0,180	FALSE
0,038	0,294	0,003	0,012	0,084	FALSE
-0,130	0,296	-0,006	0,013	0,199	FALSE
-0,063	0,280	-0,001	0,007	0,056	FALSE
-0,082	0,305	-0,002	0,007	0,143	FALSE
-0,077	0,291	-0,002	0,007	0,150	FALSE
-0,132	0,285	-0,004	0,009	0,192	FALSE
-0,055	0,286	-0,003	0,010	0,107	FALSE
-0,062	0,281	-0,002	0,008	0,090	FALSE
-0,062	0,291	-0,002	0,008	0,086	FALSE
0,067	0,287	0,003	0,013	0,082	FALSE
0,020	0,288	0,000	0,012	0,005	FALSE
-0,103	0,279	-0,003	0,010	0,131	FALSE
-0,017	0,284	0,002	0,013	0,045	FALSE
-0,096	0,282	-0,003	0,008	0,138	FALSE
0,048	0,289	0,001	0,012	0,030	FALSE
0,029	0,297	0,001	0,013	0,018	FALSE
-0,207	0,286	-0,004	0,006	0,309	FALSE
-0,116	0,271	-0,004	0,011	0,149	FALSE
-0,071	0,293	-0,004	0,012	0,118	FALSE
0,003	0,278	0,001	0,007	0,061	FALSE
0,020	0,291	0,001	0,008	0,048	FALSE
0,067	0,285	0,001	0,007	0,055	FALSE
-0,162	0,274	-0,007	0,011	0,292	FALSE
-0,039	0,276	-0,005	0,013	0,159	FALSE
0,064	0,305	0,001	0,010	0,034	FALSE
0,023	0,295	0,000	0,007	0,001	FALSE
0,073	0,296	0,003	0,009	0,132	FALSE
-0,010	0,290	-0,001	0,008	0,049	FALSE
0,004	0,279	-0,001	0,009	0,057	FALSE
-0,015	0,288	-0,002	0,009	0,094	FALSE
-0,044	0,285	-0,002	0,013	0,045	FALSE
0,008	0,291	0,002	0,009	0,085	FALSE
0,190	0,287	0,008	0,011	0,344	FALSE
0,225	0,279	0,010	0,013	0,354	FALSE
-0,215	0,279	-0,009	0,011	0,408	FALSE
-0,155	0,278	-0,008	0,012	0,270	FALSE
0,063	0,284	0,002	0,007	0,125	FALSE
0,006	0,291	-0,001	0,008	0,044	FALSE
0,052	0,299	0,002	0,008	0,101	FALSE
0,026	0,272	0,002	0,012	0,072	FALSE
0,139	0,293	0,002	0,006	0,142	FALSE
0,011	0,280	0,002	0,011	0,058	FALSE

0,033	0,282	0,002	0,012	0,047	FALSE
-0,021	0,292	0,001	0,010	0,053	FALSE
-0,008	0,287	0,001	0,009	0,056	FALSE
-0,025	0,274	0,002	0,008	0,071	FALSE
-0,085	0,281	-0,002	0,007	0,093	FALSE
0,032	0,297	0,000	0,008	0,006	FALSE
0,106	0,289	0,006	0,013	0,192	FALSE
-0,094	0,286	-0,001	0,012	0,043	FALSE
0,100	0,283	0,003	0,011	0,105	FALSE
0,123	0,290	0,004	0,011	0,146	FALSE
0,165	0,298	0,006	0,011	0,221	FALSE
0,016	0,285	0,003	0,011	0,103	FALSE
0,094	0,283	0,006	0,011	0,220	FALSE
0,046	0,271	0,005	0,010	0,190	FALSE
-0,080	0,297	-0,002	0,009	0,101	FALSE
-0,134	0,295	-0,007	0,013	0,232	FALSE
0,061	0,289	0,003	0,006	0,181	FALSE
-0,080	0,276	-0,004	0,009	0,215	FALSE
-0,062	0,289	-0,001	0,009	0,022	FALSE
0,170	0,284	0,006	0,010	0,262	FALSE
-0,151	0,283	-0,004	0,008	0,212	FALSE
-0,009	0,287	-0,001	0,013	0,037	FALSE
-0,093	0,277	-0,001	0,007	0,059	FALSE
-0,130	0,283	-0,005	0,010	0,234	FALSE
-0,116	0,283	-0,004	0,007	0,198	FALSE
-0,056	0,293	-0,001	0,010	0,045	FALSE
-0,055	0,285	-0,003	0,009	0,114	FALSE
-0,047	0,294	-0,002	0,007	0,081	FALSE
-0,015	0,291	0,000	0,007	0,020	FALSE
0,014	0,291	0,000	0,012	0,005	FALSE
0,131	0,285	0,004	0,009	0,157	FALSE
-0,136	0,272	-0,003	0,007	0,162	FALSE
0,112	0,290	0,001	0,006	0,073	FALSE
0,063	0,288	0,000	0,008	0,005	FALSE
0,019	0,282	0,001	0,008	0,072	FALSE
0,035	0,290	0,000	0,008	0,005	FALSE
-0,038	0,277	-0,001	0,007	0,039	FALSE
0,117	0,288	0,006	0,012	0,203	FALSE
0,014	0,281	0,001	0,011	0,048	FALSE
-0,200	0,286	-0,006	0,011	0,241	FALSE
0,074	0,292	0,002	0,007	0,087	FALSE
-0,086	0,292	-0,002	0,009	0,064	FALSE
0,015	0,290	0,000	0,012	0,011	FALSE
0,108	0,294	0,002	0,010	0,087	FALSE
-0,160	0,272	-0,006	0,011	0,243	FALSE
0,046	0,286	0,001	0,008	0,026	FALSE
-0,105	0,275	-0,001	0,006	0,079	FALSE
0,040	0,284	0,002	0,010	0,086	FALSE
0,078	0,267	0,003	0,007	0,167	FALSE
-0,091	0,267	-0,001	0,010	0,022	FALSE
0,063	0,291	0,001	0,013	0,035	FALSE
-0,040	0,279	-0,003	0,012	0,104	FALSE
0,066	0,294	0,001	0,013	0,039	FALSE

0,017	0,298	0,000	0,012	0,009	FALSE
0,064	0,293	0,003	0,010	0,107	FALSE
0,027	0,290	0,002	0,009	0,100	FALSE
0,147	0,296	0,003	0,007	0,155	FALSE
-0,058	0,284	-0,002	0,006	0,143	FALSE
-0,020	0,283	-0,003	0,010	0,114	FALSE
0,055	0,295	0,000	0,011	0,005	FALSE
0,063	0,286	0,000	0,008	0,004	FALSE
0,141	0,302	0,004	0,012	0,126	FALSE
0,056	0,291	0,002	0,012	0,071	FALSE
0,063	0,281	0,001	0,007	0,064	FALSE
-0,027	0,294	0,000	0,006	0,028	FALSE
0,067	0,293	0,002	0,013	0,061	FALSE
-0,237	0,271	-0,005	0,007	0,315	FALSE
-0,097	0,286	-0,001	0,008	0,067	FALSE
-0,212	0,289	-0,008	0,012	0,286	FALSE
-0,162	0,294	-0,004	0,007	0,256	FALSE
-0,138	0,291	-0,004	0,007	0,220	FALSE
-0,226	0,270	-0,008	0,011	0,321	FALSE
0,058	0,293	0,000	0,009	0,013	FALSE
-0,071	0,306	-0,001	0,014	0,025	FALSE
-0,200	0,287	-0,005	0,007	0,295	FALSE
0,167	0,287	0,004	0,012	0,155	FALSE
0,186	0,267	0,005	0,011	0,184	FALSE
-0,038	0,290	-0,004	0,011	0,135	FALSE
-0,004	0,284	-0,001	0,013	0,020	FALSE
0,075	0,288	0,004	0,010	0,164	FALSE
0,112	0,290	0,001	0,007	0,046	FALSE
-0,066	0,283	-0,003	0,012	0,096	FALSE
0,005	0,284	0,001	0,012	0,018	FALSE
0,040	0,299	0,001	0,007	0,031	FALSE
0,168	0,280	0,004	0,007	0,290	FALSE
0,033	0,303	-0,001	0,013	0,016	FALSE
-0,043	0,279	-0,004	0,009	0,181	FALSE
0,105	0,291	0,003	0,009	0,150	FALSE
-0,127	0,282	-0,002	0,012	0,076	FALSE
0,042	0,276	0,001	0,010	0,045	FALSE
-0,102	0,295	-0,003	0,008	0,161	FALSE
-0,041	0,281	-0,002	0,009	0,065	FALSE
-0,062	0,289	-0,005	0,013	0,134	FALSE
0,006	0,287	-0,001	0,008	0,048	FALSE
-0,061	0,283	0,000	0,012	0,011	FALSE
-0,085	0,283	-0,004	0,011	0,132	FALSE
0,053	0,293	0,001	0,010	0,055	FALSE
0,006	0,304	0,000	0,010	0,009	FALSE
-0,001	0,313	0,000	0,010	0,005	FALSE
0,102	0,280	0,002	0,007	0,145	FALSE
0,040	0,289	0,000	0,008	0,007	FALSE
0,006	0,286	-0,001	0,008	0,030	FALSE
-0,021	0,284	-0,001	0,013	0,017	FALSE
-0,037	0,305	0,000	0,007	0,005	FALSE
0,065	0,301	0,000	0,008	0,005	FALSE
-0,002	0,283	0,000	0,008	0,012	FALSE

-0,066	0,278	-0,004	0,012	0,125	FALSE
-0,065	0,298	-0,003	0,012	0,095	FALSE
0,053	0,280	0,002	0,011	0,058	FALSE
0,057	0,291	0,002	0,006	0,156	FALSE
0,031	0,287	0,002	0,007	0,105	FALSE
-0,134	0,305	-0,004	0,011	0,146	FALSE
-0,047	0,288	-0,001	0,007	0,070	FALSE
-0,059	0,294	-0,001	0,012	0,044	FALSE
0,101	0,283	0,003	0,008	0,131	FALSE
-0,109	0,281	-0,001	0,010	0,052	FALSE
0,094	0,299	0,002	0,008	0,067	FALSE
0,119	0,290	0,003	0,007	0,198	FALSE
0,066	0,300	0,001	0,011	0,046	FALSE
0,001	0,288	0,000	0,007	0,012	FALSE
0,014	0,289	-0,001	0,011	0,022	FALSE
-0,112	0,267	-0,003	0,010	0,108	FALSE
-0,064	0,291	-0,002	0,013	0,054	FALSE
-0,024	0,291	-0,001	0,007	0,061	FALSE
-0,132	0,281	-0,002	0,009	0,097	FALSE
-0,080	0,281	0,000	0,008	0,008	FALSE
-0,188	0,270	-0,006	0,011	0,220	FALSE
-0,132	0,289	-0,004	0,013	0,125	FALSE
-0,091	0,289	-0,002	0,010	0,080	FALSE
0,036	0,280	0,002	0,006	0,105	FALSE
0,094	0,282	0,000	0,006	0,010	FALSE
-0,082	0,301	-0,003	0,013	0,079	FALSE
0,103	0,280	0,000	0,006	0,001	FALSE
-0,042	0,287	-0,001	0,008	0,066	FALSE
0,096	0,292	0,003	0,009	0,139	FALSE
0,016	0,288	-0,001	0,007	0,048	FALSE
-0,003	0,282	0,001	0,007	0,040	FALSE
-0,044	0,284	-0,001	0,006	0,072	FALSE
-0,021	0,290	-0,001	0,011	0,032	FALSE
0,043	0,286	0,002	0,009	0,064	FALSE
-0,032	0,305	-0,002	0,013	0,060	FALSE
0,003	0,294	0,000	0,013	0,011	FALSE
0,129	0,275	0,003	0,009	0,113	FALSE
-0,047	0,293	0,000	0,013	0,007	FALSE
-0,066	0,297	-0,004	0,012	0,131	FALSE
0,084	0,289	0,002	0,010	0,064	FALSE
-0,056	0,289	0,000	0,006	0,025	FALSE
-0,019	0,293	-0,001	0,008	0,028	FALSE
0,171	0,289	0,003	0,007	0,207	FALSE
0,118	0,289	0,003	0,008	0,158	FALSE
0,043	0,285	0,002	0,009	0,071	FALSE
-0,113	0,299	-0,005	0,013	0,149	FALSE
0,089	0,304	0,001	0,007	0,046	FALSE
0,024	0,288	0,001	0,012	0,022	FALSE
0,041	0,297	0,001	0,007	0,047	FALSE
0,104	0,289	0,003	0,009	0,127	FALSE
-0,105	0,284	-0,003	0,010	0,104	FALSE
-0,089	0,285	-0,003	0,009	0,109	FALSE
-0,096	0,272	-0,002	0,009	0,085	FALSE

0,021	0,296	0,000	0,009	0,005	FALSE
-0,065	0,279	-0,001	0,010	0,033	FALSE
0,143	0,294	0,002	0,009	0,107	FALSE
-0,078	0,294	-0,002	0,010	0,065	FALSE
0,020	0,292	0,000	0,011	0,008	FALSE
0,029	0,283	0,001	0,007	0,033	FALSE
0,088	0,305	0,003	0,013	0,097	FALSE
0,037	0,308	0,001	0,013	0,032	FALSE
0,019	0,290	0,000	0,008	0,009	FALSE
0,131	0,289	0,004	0,011	0,152	FALSE
-0,033	0,294	0,000	0,010	0,016	FALSE
0,122	0,279	0,002	0,006	0,144	FALSE
-0,050	0,291	-0,002	0,011	0,050	FALSE
0,078	0,293	0,001	0,009	0,058	FALSE
0,032	0,283	0,000	0,007	0,001	FALSE
0,069	0,286	0,003	0,011	0,088	FALSE
-0,120	0,271	-0,004	0,010	0,190	FALSE
0,048	0,283	0,003	0,010	0,133	FALSE
0,088	0,292	0,002	0,008	0,088	FALSE
-0,010	0,288	-0,001	0,008	0,024	FALSE
0,061	0,298	0,003	0,010	0,127	FALSE
0,008	0,290	0,000	0,011	0,006	FALSE
0,030	0,295	0,001	0,007	0,055	FALSE
0,067	0,292	0,002	0,006	0,097	FALSE
0,088	0,289	0,001	0,013	0,026	FALSE
-0,185	0,286	-0,005	0,010	0,196	FALSE
-0,067	0,276	-0,002	0,006	0,133	FALSE
0,111	0,293	0,003	0,007	0,134	FALSE
-0,025	0,291	0,001	0,008	0,032	FALSE
0,105	0,273	0,004	0,012	0,132	FALSE
0,075	0,281	0,003	0,012	0,095	FALSE
0,087	0,289	0,002	0,013	0,045	FALSE
0,059	0,291	0,002	0,011	0,055	FALSE
-0,075	0,289	-0,003	0,007	0,164	FALSE
0,015	0,301	-0,001	0,011	0,031	FALSE
-0,100	0,293	-0,002	0,008	0,087	FALSE
-0,068	0,281	-0,001	0,008	0,023	FALSE
0,120	0,319	0,004	0,013	0,105	FALSE
-0,151	0,290	-0,005	0,013	0,141	FALSE
0,043	0,289	0,002	0,006	0,135	FALSE
-0,031	0,301	-0,001	0,009	0,060	FALSE
0,191	0,292	0,007	0,013	0,216	FALSE
-0,056	0,295	-0,002	0,008	0,113	FALSE
-0,048	0,286	0,001	0,009	0,038	FALSE
-0,007	0,279	-0,003	0,011	0,107	FALSE
0,129	0,296	0,006	0,013	0,183	FALSE
0,059	0,298	0,001	0,007	0,057	FALSE
0,052	0,280	0,003	0,010	0,113	FALSE
-0,046	0,282	-0,001	0,007	0,034	FALSE
0,094	0,286	0,003	0,011	0,108	FALSE
-0,035	0,301	-0,002	0,010	0,070	FALSE
-0,044	0,286	0,000	0,012	0,005	FALSE
-0,019	0,301	0,000	0,009	0,007	FALSE

-0,061	0,291	-0,002	0,007	0,094	FALSE
0,012	0,275	0,001	0,007	0,029	FALSE
-0,003	0,298	0,000	0,011	0,016	FALSE
-0,080	0,294	-0,002	0,007	0,114	FALSE
-0,033	0,292	-0,001	0,008	0,049	FALSE
-0,070	0,280	-0,003	0,010	0,130	FALSE
-0,042	0,296	-0,002	0,011	0,089	FALSE
0,084	0,276	0,002	0,007	0,095	FALSE
0,019	0,291	-0,001	0,007	0,027	FALSE
-0,055	0,297	-0,001	0,007	0,036	FALSE
0,035	0,290	0,002	0,011	0,059	FALSE
0,154	0,293	0,004	0,007	0,270	FALSE
-0,002	0,286	0,003	0,010	0,103	FALSE
0,012	0,288	0,001	0,007	0,068	FALSE
0,037	0,284	0,001	0,011	0,027	FALSE
-0,147	0,277	-0,008	0,013	0,267	FALSE
0,141	0,290	0,004	0,011	0,128	FALSE
-0,017	0,302	-0,001	0,008	0,028	FALSE
-0,099	0,276	-0,002	0,008	0,115	FALSE
0,124	0,282	0,002	0,011	0,062	FALSE
0,012	0,282	0,000	0,007	0,016	FALSE
-0,141	0,294	-0,008	0,012	0,282	FALSE
0,044	0,288	0,002	0,008	0,075	FALSE
0,050	0,295	0,001	0,007	0,053	FALSE
0,126	0,275	0,006	0,010	0,256	FALSE
0,034	0,284	0,001	0,006	0,043	FALSE
-0,075	0,296	-0,003	0,010	0,109	FALSE
-0,082	0,289	-0,001	0,011	0,039	FALSE
0,058	0,298	0,003	0,009	0,115	FALSE
0,022	0,299	0,001	0,012	0,035	FALSE
0,041	0,310	0,002	0,012	0,056	FALSE
-0,163	0,277	-0,005	0,011	0,219	FALSE
0,096	0,287	0,002	0,010	0,063	FALSE
0,131	0,297	0,005	0,012	0,178	FALSE
-0,069	0,275	-0,002	0,009	0,081	FALSE
-0,031	0,296	-0,001	0,011	0,018	FALSE
-0,058	0,300	-0,002	0,007	0,113	FALSE
-0,129	0,296	-0,007	0,013	0,213	FALSE
0,009	0,294	0,001	0,007	0,037	FALSE
0,089	0,283	0,002	0,006	0,153	FALSE
0,018	0,294	0,002	0,008	0,075	FALSE
0,019	0,287	0,000	0,007	0,004	FALSE
-0,079	0,285	-0,003	0,009	0,125	FALSE
-0,123	0,305	-0,004	0,012	0,139	FALSE
0,015	0,301	0,001	0,008	0,035	FALSE
-0,078	0,298	-0,002	0,007	0,094	FALSE
-0,027	0,288	-0,001	0,007	0,048	FALSE
0,067	0,285	0,004	0,013	0,136	FALSE
-0,007	0,288	0,000	0,007	0,025	FALSE
-0,001	0,290	0,000	0,011	0,011	FALSE
-0,015	0,295	-0,001	0,013	0,022	FALSE
-0,001	0,291	0,000	0,012	0,004	FALSE
-0,001	0,297	-0,001	0,011	0,021	FALSE

0,033	0,287	0,001	0,012	0,044	FALSE
-0,080	0,278	-0,003	0,009	0,131	FALSE
0,102	0,291	0,006	0,011	0,214	FALSE
0,127	0,297	0,005	0,012	0,188	FALSE
0,122	0,304	0,005	0,010	0,202	FALSE
-0,079	0,288	-0,004	0,013	0,119	FALSE
0,092	0,289	0,002	0,012	0,067	FALSE
-0,061	0,297	-0,002	0,007	0,108	FALSE
-0,066	0,287	-0,002	0,008	0,118	FALSE
-0,070	0,287	-0,002	0,008	0,104	FALSE
0,207	0,298	0,006	0,009	0,272	FALSE
0,027	0,281	0,000	0,008	0,000	FALSE
-0,069	0,289	-0,001	0,007	0,056	FALSE
-0,095	0,288	-0,003	0,012	0,108	FALSE
-0,113	0,277	-0,004	0,012	0,144	FALSE
-0,050	0,274	-0,001	0,008	0,064	FALSE
-0,052	0,300	-0,001	0,013	0,033	FALSE
-0,072	0,277	-0,002	0,012	0,048	FALSE
-0,016	0,295	0,000	0,011	0,009	FALSE
-0,063	0,290	-0,002	0,009	0,077	FALSE
0,129	0,280	0,004	0,011	0,146	FALSE
-0,108	0,292	-0,002	0,007	0,146	FALSE
-0,048	0,283	-0,001	0,009	0,058	FALSE
-0,041	0,287	-0,001	0,006	0,059	FALSE
-0,129	0,289	-0,005	0,009	0,235	FALSE
-0,141	0,287	-0,005	0,009	0,239	FALSE
-0,128	0,273	-0,003	0,008	0,133	FALSE
-0,010	0,290	0,001	0,006	0,036	FALSE
0,041	0,292	0,003	0,011	0,084	FALSE
-0,019	0,302	-0,002	0,013	0,058	FALSE
-0,015	0,287	0,000	0,006	0,006	FALSE
0,032	0,293	0,001	0,013	0,022	FALSE
-0,017	0,298	-0,002	0,013	0,053	FALSE
0,052	0,279	0,001	0,008	0,060	FALSE
-0,015	0,290	-0,002	0,010	0,084	FALSE
0,090	0,274	0,002	0,008	0,120	FALSE
-0,114	0,295	-0,004	0,010	0,142	FALSE
-0,074	0,288	-0,003	0,012	0,107	FALSE
0,050	0,299	0,000	0,009	0,005	FALSE
-0,008	0,296	-0,001	0,008	0,031	FALSE
-0,165	0,274	-0,003	0,011	0,101	FALSE
0,084	0,292	0,003	0,012	0,100	FALSE
0,117	0,292	0,002	0,012	0,071	FALSE
0,056	0,291	0,001	0,011	0,047	FALSE
0,055	0,277	0,002	0,011	0,068	FALSE
-0,036	0,298	0,000	0,013	0,002	FALSE
-0,082	0,277	-0,001	0,012	0,025	FALSE
-0,060	0,284	-0,001	0,013	0,042	FALSE
-0,038	0,286	-0,002	0,008	0,111	FALSE
-0,032	0,293	-0,002	0,008	0,101	FALSE
-0,024	0,286	-0,001	0,012	0,034	FALSE
-0,111	0,286	-0,002	0,006	0,126	FALSE
-0,075	0,282	-0,002	0,010	0,059	FALSE

-0,049	0,289	-0,001	0,013	0,040	FALSE
0,077	0,288	0,004	0,012	0,132	FALSE
-0,021	0,290	0,000	0,009	0,016	FALSE
-0,014	0,279	0,001	0,009	0,022	FALSE
-0,079	0,289	-0,002	0,008	0,114	FALSE
-0,026	0,288	-0,001	0,007	0,027	FALSE
0,045	0,284	0,001	0,008	0,055	FALSE
-0,004	0,292	0,000	0,012	0,008	FALSE
0,030	0,280	0,001	0,010	0,023	FALSE
-0,015	0,280	-0,001	0,011	0,025	FALSE
-0,113	0,290	-0,003	0,010	0,136	FALSE
-0,096	0,287	-0,004	0,012	0,113	FALSE
0,095	0,285	0,004	0,010	0,155	FALSE
0,004	0,275	0,000	0,008	0,016	FALSE
-0,018	0,296	-0,002	0,010	0,075	FALSE
0,008	0,295	0,000	0,008	0,006	FALSE
0,176	0,295	0,007	0,013	0,220	FALSE
-0,045	0,292	-0,001	0,008	0,062	FALSE
0,081	0,293	0,001	0,008	0,070	FALSE
-0,109	0,290	-0,003	0,008	0,133	FALSE
0,000	0,291	0,000	0,006	0,028	FALSE
-0,007	0,292	0,001	0,010	0,031	FALSE
-0,082	0,290	-0,003	0,013	0,079	FALSE
0,058	0,289	0,000	0,011	0,001	FALSE
-0,051	0,288	-0,002	0,007	0,125	FALSE
-0,059	0,285	-0,003	0,013	0,104	FALSE
-0,074	0,295	-0,002	0,008	0,093	FALSE
-0,017	0,288	0,000	0,012	0,006	FALSE
0,014	0,290	0,001	0,010	0,019	FALSE
0,067	0,291	0,000	0,006	0,001	FALSE
0,040	0,288	0,002	0,012	0,059	FALSE
-0,039	0,302	0,000	0,010	0,016	FALSE
0,062	0,305	0,001	0,007	0,082	FALSE
-0,086	0,296	-0,004	0,010	0,145	FALSE
-0,006	0,296	0,000	0,007	0,012	FALSE
0,054	0,292	0,002	0,010	0,063	FALSE
0,046	0,299	0,001	0,007	0,050	FALSE
-0,029	0,285	-0,001	0,011	0,020	FALSE
0,011	0,293	0,001	0,007	0,059	FALSE
0,026	0,270	0,002	0,007	0,104	FALSE
-0,103	0,292	-0,003	0,007	0,199	FALSE
0,096	0,293	0,004	0,011	0,146	FALSE
0,026	0,287	-0,001	0,008	0,036	FALSE
-0,031	0,288	-0,001	0,012	0,045	FALSE
-0,010	0,296	0,001	0,009	0,050	FALSE
-0,029	0,294	-0,001	0,010	0,043	FALSE
-0,075	0,295	-0,006	0,013	0,200	FALSE
0,093	0,288	0,001	0,009	0,043	FALSE
-0,065	0,300	-0,003	0,011	0,104	FALSE
-0,104	0,286	-0,005	0,010	0,196	FALSE
0,038	0,298	0,002	0,010	0,076	FALSE
-0,078	0,292	0,000	0,013	0,000	FALSE
0,042	0,291	0,001	0,012	0,025	FALSE

-0,100	0,285	-0,001	0,006	0,067	FALSE
-0,139	0,288	-0,003	0,008	0,143	FALSE
0,159	0,297	0,006	0,012	0,226	FALSE
-0,085	0,299	-0,002	0,007	0,113	FALSE
0,048	0,282	0,001	0,011	0,026	FALSE
-0,130	0,286	-0,004	0,011	0,136	FALSE
0,114	0,297	0,004	0,012	0,132	FALSE
0,053	0,291	-0,001	0,012	0,036	FALSE
0,064	0,306	0,001	0,010	0,053	FALSE
-0,019	0,288	-0,004	0,013	0,122	FALSE
0,075	0,282	0,003	0,013	0,082	FALSE
0,002	0,298	0,000	0,012	0,012	FALSE
0,033	0,277	-0,002	0,012	0,077	FALSE
-0,103	0,265	-0,001	0,009	0,054	FALSE
0,032	0,305	0,001	0,008	0,064	FALSE
0,147	0,283	0,005	0,013	0,161	FALSE
0,078	0,296	0,002	0,007	0,109	FALSE
-0,083	0,281	-0,003	0,010	0,115	FALSE
-0,166	0,273	-0,005	0,010	0,228	FALSE
-0,176	0,284	-0,006	0,008	0,325	FALSE
-0,057	0,286	0,000	0,011	0,009	FALSE
0,013	0,293	-0,001	0,009	0,024	FALSE
-0,128	0,300	-0,005	0,013	0,178	FALSE
-0,060	0,287	-0,001	0,007	0,062	FALSE
-0,061	0,287	-0,003	0,010	0,113	FALSE
-0,097	0,277	-0,004	0,010	0,182	FALSE
-0,063	0,269	-0,003	0,009	0,140	FALSE
-0,053	0,281	-0,003	0,010	0,123	FALSE
-0,066	0,288	-0,003	0,010	0,132	FALSE
0,019	0,287	0,001	0,008	0,028	FALSE
-0,025	0,303	-0,002	0,013	0,071	FALSE
-0,127	0,280	-0,005	0,009	0,213	FALSE
0,002	0,299	0,001	0,007	0,061	FALSE
0,144	0,286	0,004	0,008	0,212	FALSE
-0,117	0,289	-0,003	0,007	0,182	FALSE
-0,052	0,306	-0,001	0,007	0,064	FALSE
-0,078	0,292	-0,002	0,006	0,112	FALSE
0,095	0,294	0,003	0,012	0,081	FALSE
-0,018	0,289	0,000	0,008	0,014	FALSE
0,069	0,302	0,000	0,007	0,026	FALSE
0,013	0,297	-0,001	0,007	0,049	FALSE
-0,052	0,296	-0,001	0,007	0,076	FALSE
-0,017	0,297	-0,001	0,013	0,039	FALSE
0,011	0,291	0,000	0,013	0,012	FALSE
0,084	0,303	0,005	0,012	0,161	FALSE
-0,056	0,299	-0,001	0,008	0,057	FALSE
0,114	0,261	0,005	0,009	0,231	FALSE
0,058	0,292	0,002	0,008	0,110	FALSE
-0,027	0,298	-0,001	0,009	0,054	FALSE
0,028	0,293	0,002	0,012	0,060	FALSE
0,015	0,286	0,002	0,012	0,076	FALSE
0,084	0,306	0,001	0,011	0,032	FALSE
-0,045	0,289	-0,002	0,011	0,053	FALSE

0,061	0,295	0,002	0,012	0,079	FALSE
0,153	0,291	0,006	0,010	0,262	FALSE
0,102	0,281	0,001	0,009	0,061	FALSE
-0,108	0,285	-0,005	0,011	0,178	FALSE
-0,083	0,302	-0,002	0,012	0,054	FALSE
0,106	0,282	0,002	0,006	0,140	FALSE
0,090	0,291	0,002	0,006	0,119	FALSE
0,077	0,281	0,002	0,012	0,074	FALSE
0,085	0,278	0,003	0,012	0,096	FALSE
0,075	0,278	0,002	0,013	0,049	FALSE
-0,040	0,284	-0,002	0,008	0,125	FALSE
0,201	0,287	0,004	0,006	0,282	FALSE
-0,146	0,273	-0,004	0,011	0,158	FALSE
0,183	0,289	0,004	0,006	0,278	FALSE
-0,147	0,271	-0,005	0,012	0,174	FALSE
-0,057	0,283	-0,001	0,012	0,032	FALSE
0,008	0,292	0,000	0,013	0,005	FALSE
-0,078	0,274	0,000	0,008	0,005	FALSE
-0,083	0,287	-0,002	0,007	0,116	FALSE
-0,003	0,286	0,000	0,007	0,005	FALSE
0,100	0,286	0,002	0,011	0,053	FALSE
0,072	0,298	0,001	0,009	0,027	FALSE
0,070	0,289	0,001	0,008	0,039	FALSE
-0,100	0,299	-0,003	0,007	0,155	FALSE
0,046	0,306	0,003	0,013	0,076	FALSE
-0,199	0,290	-0,006	0,009	0,279	FALSE
0,090	0,272	0,003	0,011	0,120	FALSE
0,101	0,280	0,002	0,006	0,102	FALSE
0,018	0,278	0,001	0,012	0,022	FALSE
0,019	0,291	0,001	0,013	0,020	FALSE
0,078	0,276	0,003	0,013	0,092	FALSE
0,100	0,287	0,003	0,007	0,143	FALSE
-0,032	0,289	0,000	0,008	0,021	FALSE
0,067	0,288	0,002	0,012	0,055	FALSE
-0,131	0,296	-0,004	0,009	0,166	FALSE
0,120	0,295	0,004	0,008	0,225	FALSE
0,038	0,286	0,002	0,011	0,086	FALSE
-0,119	0,301	-0,003	0,009	0,148	FALSE
0,057	0,286	0,001	0,009	0,027	FALSE
-0,053	0,291	-0,002	0,012	0,061	FALSE
-0,004	0,300	0,000	0,008	0,013	FALSE
0,114	0,295	0,003	0,010	0,117	FALSE
0,085	0,308	0,004	0,013	0,113	FALSE
-0,081	0,297	-0,003	0,010	0,121	FALSE
0,159	0,283	0,003	0,007	0,184	FALSE
-0,069	0,306	-0,002	0,010	0,064	FALSE
0,005	0,283	0,000	0,008	0,017	FALSE
-0,181	0,290	-0,004	0,007	0,220	FALSE
-0,140	0,279	-0,007	0,013	0,241	FALSE
-0,150	0,288	-0,008	0,013	0,282	FALSE
0,027	0,287	0,000	0,009	0,004	FALSE
0,074	0,285	0,001	0,006	0,052	FALSE
0,027	0,296	0,000	0,007	0,003	FALSE

0,061	0,260	0,003	0,011	0,102	FALSE
0,105	0,288	0,002	0,006	0,142	FALSE
0,089	0,297	0,002	0,006	0,123	FALSE
-0,019	0,285	-0,001	0,009	0,045	FALSE
-0,083	0,286	-0,002	0,008	0,099	FALSE
-0,061	0,285	-0,002	0,008	0,074	FALSE
0,199	0,280	0,005	0,008	0,249	FALSE
0,130	0,278	0,003	0,008	0,172	FALSE
-0,054	0,276	-0,001	0,013	0,023	FALSE
0,026	0,294	0,000	0,009	0,002	FALSE
0,009	0,291	0,001	0,010	0,042	FALSE
-0,069	0,297	-0,002	0,007	0,086	FALSE
0,083	0,294	0,002	0,007	0,085	FALSE
0,015	0,289	0,002	0,009	0,095	FALSE
-0,019	0,292	0,000	0,007	0,004	FALSE
-0,046	0,280	-0,001	0,008	0,067	FALSE
0,044	0,272	-0,001	0,007	0,032	FALSE
0,020	0,296	0,000	0,012	0,015	FALSE
0,010	0,293	0,000	0,009	0,007	FALSE
-0,035	0,299	-0,001	0,011	0,022	FALSE
-0,104	0,291	-0,005	0,012	0,164	FALSE
0,130	0,291	0,002	0,008	0,110	FALSE
-0,038	0,298	-0,001	0,008	0,045	FALSE
0,151	0,294	0,005	0,010	0,230	FALSE
0,001	0,262	-0,003	0,010	0,110	FALSE
0,062	0,285	0,004	0,013	0,125	FALSE
-0,070	0,281	-0,002	0,009	0,095	FALSE
-0,044	0,286	-0,001	0,010	0,041	FALSE
-0,063	0,288	-0,001	0,011	0,045	FALSE
-0,043	0,289	-0,001	0,011	0,029	FALSE
0,104	0,287	0,004	0,012	0,133	FALSE
-0,060	0,284	-0,001	0,007	0,043	FALSE
0,009	0,287	-0,001	0,011	0,020	FALSE
-0,083	0,294	-0,005	0,009	0,239	FALSE
-0,083	0,293	-0,001	0,006	0,073	FALSE
-0,042	0,291	0,001	0,011	0,028	FALSE
0,047	0,277	0,002	0,012	0,064	FALSE
0,044	0,281	0,001	0,013	0,028	FALSE
-0,170	0,280	-0,005	0,012	0,181	FALSE
-0,016	0,292	-0,001	0,013	0,040	FALSE
0,034	0,302	0,000	0,010	0,006	FALSE
-0,153	0,287	-0,003	0,008	0,146	FALSE
-0,064	0,295	-0,002	0,013	0,062	FALSE
-0,125	0,287	-0,003	0,008	0,137	FALSE
-0,087	0,301	-0,002	0,010	0,070	FALSE
-0,012	0,293	0,000	0,007	0,025	FALSE
-0,319	0,256	-0,009	0,009	0,489	FALSE
-0,060	0,298	-0,002	0,007	0,097	FALSE
0,084	0,288	0,003	0,006	0,191	FALSE
-0,059	0,294	0,000	0,008	0,015	FALSE
0,235	0,270	0,005	0,011	0,211	FALSE
0,151	0,290	0,003	0,006	0,190	FALSE
0,163	0,282	0,003	0,006	0,212	FALSE

0,160	0,288	0,004	0,008	0,186	FALSE
-0,042	0,281	-0,002	0,007	0,088	FALSE
0,076	0,291	0,002	0,011	0,052	FALSE
-0,055	0,288	0,000	0,010	0,014	FALSE
0,015	0,295	0,001	0,012	0,040	FALSE
0,117	0,285	0,005	0,012	0,176	FALSE
-0,012	0,276	-0,001	0,012	0,023	FALSE
0,013	0,294	0,000	0,007	0,015	FALSE
-0,005	0,283	-0,002	0,009	0,090	FALSE
-0,019	0,294	-0,001	0,008	0,059	FALSE
-0,203	0,285	-0,006	0,008	0,322	FALSE
-0,223	0,267	-0,011	0,013	0,438	FALSE
-0,090	0,282	-0,002	0,006	0,098	FALSE
-0,122	0,289	-0,002	0,007	0,141	FALSE
-0,065	0,284	-0,002	0,007	0,080	FALSE
-0,026	0,287	-0,001	0,011	0,049	FALSE
-0,125	0,294	-0,004	0,010	0,177	FALSE
0,028	0,301	0,000	0,007	0,010	FALSE
-0,024	0,293	-0,001	0,008	0,064	FALSE
-0,059	0,289	-0,001	0,008	0,070	FALSE
-0,045	0,301	-0,001	0,008	0,044	FALSE
-0,124	0,286	-0,002	0,008	0,115	FALSE
0,117	0,293	0,006	0,011	0,244	FALSE
-0,090	0,288	-0,002	0,007	0,116	FALSE
-0,051	0,300	0,000	0,008	0,001	FALSE
-0,057	0,287	0,000	0,008	0,014	FALSE
-0,049	0,295	-0,001	0,013	0,024	FALSE
-0,053	0,287	-0,003	0,011	0,099	FALSE
0,080	0,296	0,003	0,013	0,098	FALSE
0,015	0,291	-0,001	0,013	0,041	FALSE
-0,121	0,284	-0,005	0,012	0,163	FALSE
0,045	0,299	0,001	0,007	0,067	FALSE
-0,118	0,284	-0,004	0,009	0,167	FALSE
-0,230	0,258	-0,008	0,010	0,367	FALSE
0,069	0,286	0,002	0,007	0,084	FALSE
0,008	0,285	0,001	0,009	0,048	FALSE
-0,085	0,278	-0,002	0,007	0,126	FALSE
-0,033	0,309	-0,001	0,014	0,019	FALSE
-0,116	0,279	-0,003	0,010	0,120	FALSE
0,084	0,291	0,003	0,013	0,083	FALSE
-0,134	0,293	-0,004	0,009	0,161	FALSE
-0,042	0,294	-0,001	0,007	0,030	FALSE
-0,013	0,289	-0,001	0,008	0,050	FALSE
-0,010	0,286	0,000	0,007	0,002	FALSE
0,037	0,284	0,001	0,008	0,044	FALSE
-0,002	0,294	-0,002	0,008	0,100	FALSE
-0,017	0,276	-0,002	0,010	0,063	FALSE
0,012	0,281	0,001	0,011	0,036	FALSE
-0,075	0,293	-0,002	0,007	0,117	FALSE
0,080	0,287	0,005	0,013	0,148	FALSE
0,055	0,293	0,004	0,014	0,104	FALSE
-0,017	0,291	0,000	0,010	0,008	FALSE
0,105	0,281	0,002	0,007	0,085	FALSE

0,056	0,277	0,002	0,011	0,060	FALSE
-0,007	0,284	-0,001	0,011	0,048	FALSE
-0,020	0,265	-0,002	0,012	0,064	FALSE
-0,063	0,292	-0,003	0,013	0,095	FALSE
0,036	0,283	0,001	0,008	0,067	FALSE
-0,103	0,288	-0,001	0,007	0,075	FALSE
-0,105	0,281	-0,003	0,008	0,152	FALSE
0,039	0,274	0,000	0,007	0,020	FALSE
0,016	0,285	-0,001	0,010	0,026	FALSE
-0,154	0,277	-0,002	0,011	0,086	FALSE
-0,143	0,275	-0,002	0,011	0,053	FALSE
-0,135	0,285	-0,003	0,013	0,105	FALSE
-0,017	0,302	0,000	0,012	0,011	FALSE
0,014	0,298	0,000	0,007	0,011	FALSE
0,041	0,275	0,005	0,011	0,178	FALSE
0,086	0,293	0,004	0,013	0,109	FALSE
-0,080	0,291	-0,003	0,012	0,110	FALSE
0,036	0,281	0,001	0,013	0,016	FALSE
0,059	0,283	0,000	0,007	0,018	FALSE
-0,050	0,284	-0,002	0,013	0,052	FALSE
-0,072	0,292	-0,002	0,008	0,086	FALSE
-0,050	0,300	-0,001	0,008	0,056	FALSE
-0,012	0,275	0,000	0,008	0,003	FALSE
-0,054	0,286	-0,001	0,010	0,042	FALSE
0,029	0,288	0,001	0,007	0,047	FALSE
-0,063	0,274	-0,001	0,006	0,072	FALSE
0,033	0,284	0,000	0,010	0,005	FALSE
-0,081	0,284	-0,005	0,009	0,206	FALSE
0,031	0,294	0,003	0,013	0,087	FALSE
-0,019	0,289	0,000	0,007	0,008	FALSE
-0,164	0,294	-0,003	0,007	0,182	FALSE
0,084	0,282	0,004	0,009	0,169	FALSE
0,125	0,298	0,007	0,011	0,269	FALSE
-0,029	0,287	-0,001	0,009	0,063	FALSE
0,088	0,288	0,003	0,010	0,095	FALSE
0,032	0,301	0,001	0,011	0,025	FALSE
0,053	0,291	0,002	0,012	0,057	FALSE
0,193	0,289	0,005	0,009	0,232	FALSE
-0,075	0,290	-0,001	0,007	0,078	FALSE
0,134	0,291	0,005	0,008	0,255	FALSE
-0,093	0,297	-0,003	0,012	0,083	FALSE
-0,027	0,291	-0,001	0,012	0,022	FALSE
0,036	0,300	0,001	0,011	0,021	FALSE
-0,048	0,282	-0,001	0,007	0,045	FALSE
0,051	0,292	0,001	0,012	0,035	FALSE
0,012	0,288	0,000	0,007	0,000	FALSE
0,018	0,294	-0,001	0,013	0,020	FALSE
-0,132	0,281	-0,003	0,008	0,184	FALSE
-0,027	0,290	-0,003	0,013	0,085	FALSE
0,200	0,282	0,011	0,013	0,403	FALSE
-0,183	0,275	-0,008	0,012	0,304	FALSE
-0,063	0,286	-0,002	0,011	0,053	FALSE
0,116	0,284	0,007	0,011	0,272	FALSE

0,032	0,297	0,000	0,008	0,011	FALSE
0,036	0,279	0,001	0,008	0,067	FALSE
0,039	0,282	0,002	0,009	0,077	FALSE
0,055	0,283	0,001	0,008	0,057	FALSE
0,138	0,283	0,005	0,011	0,178	FALSE
0,168	0,281	0,006	0,013	0,180	FALSE
0,075	0,288	0,002	0,008	0,102	FALSE
0,147	0,296	0,004	0,008	0,197	FALSE
0,006	0,287	0,000	0,007	0,011	FALSE
0,228	0,284	0,009	0,013	0,310	FALSE
0,081	0,274	0,003	0,007	0,163	FALSE
0,168	0,287	0,004	0,008	0,207	FALSE
-0,049	0,301	0,000	0,007	0,026	FALSE
0,132	0,282	0,004	0,007	0,257	FALSE
-0,092	0,291	-0,004	0,013	0,125	FALSE
-0,132	0,290	-0,003	0,007	0,190	FALSE
0,010	0,298	-0,002	0,014	0,056	FALSE
-0,019	0,282	0,000	0,007	0,004	FALSE
0,110	0,290	0,004	0,011	0,137	FALSE
-0,069	0,284	-0,003	0,011	0,097	FALSE
0,105	0,288	0,003	0,008	0,127	FALSE
0,168	0,284	0,004	0,008	0,200	FALSE
0,147	0,306	0,003	0,008	0,151	FALSE
0,264	0,267	0,008	0,009	0,437	FALSE
-0,071	0,299	-0,002	0,012	0,054	FALSE
-0,093	0,303	-0,003	0,009	0,123	FALSE
0,060	0,278	0,001	0,008	0,054	FALSE
-0,013	0,287	0,001	0,011	0,016	FALSE
0,108	0,293	0,002	0,010	0,095	FALSE
0,019	0,294	-0,002	0,013	0,058	FALSE
-0,058	0,285	-0,004	0,013	0,141	FALSE
-0,030	0,288	-0,001	0,007	0,026	FALSE
-0,028	0,299	-0,001	0,013	0,032	FALSE
0,101	0,279	0,006	0,013	0,208	FALSE
-0,071	0,282	-0,001	0,009	0,043	FALSE
-0,060	0,298	-0,002	0,009	0,091	FALSE
-0,039	0,298	0,000	0,007	0,007	FALSE
0,000	0,294	0,001	0,012	0,036	FALSE
-0,035	0,283	0,000	0,007	0,004	FALSE
-0,024	0,286	0,001	0,012	0,030	FALSE
-0,166	0,291	-0,006	0,011	0,226	FALSE
-0,082	0,288	-0,002	0,007	0,119	FALSE
0,108	0,303	0,003	0,009	0,139	FALSE
-0,069	0,279	-0,001	0,009	0,027	FALSE
-0,100	0,278	-0,004	0,010	0,170	FALSE
0,115	0,295	0,004	0,007	0,227	FALSE
-0,114	0,282	-0,004	0,010	0,157	FALSE
0,069	0,276	0,001	0,010	0,037	FALSE
0,021	0,304	0,001	0,011	0,047	FALSE
-0,156	0,285	-0,003	0,006	0,210	FALSE
-0,060	0,294	-0,002	0,008	0,077	FALSE
0,127	0,279	0,002	0,008	0,106	FALSE
-0,129	0,282	-0,002	0,009	0,094	FALSE

0,117	0,286	0,002	0,009	0,093	FALSE
0,101	0,285	0,001	0,010	0,043	FALSE
-0,112	0,290	-0,005	0,011	0,184	FALSE
-0,218	0,290	-0,005	0,007	0,307	FALSE
-0,123	0,280	-0,002	0,008	0,089	FALSE
0,016	0,299	0,000	0,007	0,023	FALSE
0,090	0,289	0,003	0,009	0,117	FALSE
0,200	0,293	0,009	0,013	0,317	FALSE
0,028	0,291	0,000	0,008	0,014	FALSE
-0,083	0,299	-0,003	0,011	0,128	FALSE
0,018	0,284	0,001	0,007	0,066	FALSE
-0,097	0,294	-0,005	0,011	0,185	FALSE
-0,053	0,292	0,000	0,007	0,010	FALSE
-0,018	0,282	0,000	0,012	0,009	FALSE
-0,063	0,294	-0,002	0,011	0,057	FALSE
-0,168	0,287	-0,005	0,007	0,261	FALSE
0,039	0,287	0,001	0,010	0,043	FALSE
-0,002	0,287	0,000	0,010	0,011	FALSE
-0,103	0,284	-0,004	0,011	0,136	FALSE
-0,032	0,293	-0,001	0,013	0,015	FALSE
0,122	0,299	0,005	0,014	0,142	FALSE
0,034	0,296	0,002	0,008	0,077	FALSE
0,064	0,304	0,003	0,008	0,138	FALSE
-0,067	0,282	-0,001	0,006	0,039	FALSE
0,109	0,299	0,003	0,010	0,123	FALSE
0,101	0,293	0,002	0,009	0,082	FALSE
0,127	0,277	0,005	0,012	0,170	FALSE
0,105	0,273	0,003	0,008	0,134	FALSE
-0,058	0,283	0,000	0,009	0,006	FALSE
0,068	0,290	0,004	0,011	0,136	FALSE
0,031	0,283	0,001	0,007	0,065	FALSE
-0,002	0,288	0,001	0,006	0,073	FALSE
0,041	0,292	0,003	0,009	0,147	FALSE
-0,151	0,287	-0,003	0,008	0,148	FALSE
0,006	0,280	-0,001	0,009	0,029	FALSE
-0,011	0,291	0,000	0,011	0,002	FALSE
0,018	0,300	0,001	0,012	0,031	FALSE
-0,131	0,286	-0,003	0,006	0,241	FALSE
0,029	0,305	0,002	0,008	0,072	FALSE
0,014	0,290	0,000	0,007	0,015	FALSE
-0,082	0,301	-0,003	0,006	0,182	FALSE
0,078	0,287	0,002	0,007	0,112	FALSE
0,167	0,279	0,004	0,010	0,166	FALSE
0,020	0,293	-0,001	0,010	0,047	FALSE
0,008	0,282	0,002	0,009	0,068	FALSE
-0,040	0,294	-0,001	0,009	0,024	FALSE
0,042	0,296	0,000	0,008	0,007	FALSE
-0,024	0,292	0,000	0,012	0,007	FALSE
-0,104	0,283	-0,003	0,012	0,085	FALSE
-0,074	0,282	-0,003	0,011	0,103	FALSE
-0,105	0,286	-0,003	0,007	0,184	FALSE
-0,093	0,282	-0,004	0,010	0,145	FALSE
0,081	0,282	0,002	0,007	0,128	FALSE

-0,043	0,297	-0,002	0,007	0,113	FALSE
0,012	0,292	0,000	0,006	0,005	FALSE
0,038	0,317	0,001	0,009	0,037	FALSE
-0,056	0,278	-0,001	0,009	0,045	FALSE
-0,038	0,287	-0,003	0,007	0,152	FALSE
-0,061	0,276	-0,001	0,012	0,042	FALSE
-0,049	0,284	-0,001	0,013	0,020	FALSE
0,102	0,287	0,002	0,007	0,116	FALSE
0,132	0,296	0,003	0,009	0,146	FALSE
0,018	0,291	0,001	0,008	0,052	FALSE
-0,014	0,294	0,001	0,009	0,035	FALSE
-0,104	0,292	-0,001	0,006	0,082	FALSE
-0,048	0,279	-0,001	0,006	0,068	FALSE
-0,034	0,291	0,000	0,007	0,019	FALSE
-0,045	0,289	-0,001	0,010	0,044	FALSE
-0,095	0,275	-0,001	0,013	0,022	FALSE
-0,052	0,292	-0,002	0,010	0,075	FALSE
-0,013	0,295	-0,001	0,007	0,050	FALSE
-0,068	0,304	-0,001	0,007	0,077	FALSE
0,143	0,271	0,004	0,007	0,253	FALSE
-0,142	0,306	-0,004	0,010	0,170	FALSE
0,190	0,291	0,006	0,009	0,294	FALSE
-0,131	0,284	-0,004	0,012	0,125	FALSE
0,044	0,296	0,001	0,007	0,056	FALSE
0,017	0,291	0,001	0,008	0,039	FALSE
0,059	0,277	0,000	0,009	0,009	FALSE
-0,092	0,289	-0,003	0,011	0,118	FALSE
-0,095	0,283	-0,001	0,007	0,035	FALSE
0,045	0,287	0,004	0,013	0,107	FALSE
-0,145	0,279	-0,006	0,012	0,229	FALSE
0,058	0,287	0,002	0,010	0,086	FALSE
0,105	0,284	0,005	0,012	0,163	FALSE
-0,005	0,303	0,000	0,011	0,000	FALSE
-0,001	0,295	0,002	0,009	0,084	FALSE
0,008	0,293	0,000	0,007	0,006	FALSE
0,183	0,296	0,005	0,009	0,214	FALSE
0,060	0,302	0,001	0,007	0,072	FALSE
0,087	0,297	0,004	0,013	0,122	FALSE
0,095	0,289	0,003	0,012	0,082	FALSE
0,103	0,283	0,003	0,012	0,090	FALSE
0,001	0,289	0,000	0,007	0,008	FALSE
0,054	0,296	0,000	0,009	0,005	FALSE
0,137	0,282	0,002	0,007	0,096	FALSE
-0,101	0,282	-0,003	0,008	0,120	FALSE
-0,083	0,286	-0,003	0,008	0,132	FALSE
0,081	0,304	0,002	0,010	0,071	FALSE
-0,026	0,268	-0,001	0,010	0,045	FALSE
0,067	0,287	0,003	0,012	0,079	FALSE
-0,081	0,284	-0,003	0,007	0,150	FALSE
-0,046	0,286	-0,002	0,007	0,087	FALSE
0,173	0,293	0,005	0,009	0,219	FALSE
0,000	0,287	-0,001	0,012	0,019	FALSE
-0,119	0,280	-0,005	0,009	0,230	FALSE

-0,114	0,279	-0,004	0,012	0,152	FALSE
-0,024	0,299	-0,002	0,012	0,069	FALSE
-0,171	0,290	-0,005	0,009	0,232	FALSE
-0,139	0,278	-0,004	0,009	0,195	FALSE
-0,069	0,290	-0,002	0,009	0,076	FALSE
-0,063	0,279	-0,002	0,007	0,122	FALSE
-0,018	0,296	-0,002	0,010	0,055	FALSE
-0,075	0,291	-0,002	0,007	0,110	FALSE
-0,040	0,290	-0,002	0,011	0,061	FALSE
-0,144	0,282	-0,003	0,007	0,176	FALSE
0,022	0,282	0,001	0,009	0,050	FALSE
-0,034	0,289	-0,001	0,009	0,049	FALSE
-0,026	0,300	0,000	0,011	0,006	FALSE
0,005	0,280	0,002	0,012	0,061	FALSE
-0,012	0,296	0,001	0,013	0,035	FALSE
0,011	0,290	-0,001	0,008	0,028	FALSE
-0,025	0,306	-0,001	0,013	0,015	FALSE
-0,067	0,284	0,000	0,008	0,019	FALSE
0,063	0,306	0,000	0,008	0,021	FALSE
0,158	0,295	0,003	0,007	0,169	FALSE
0,120	0,279	0,005	0,009	0,238	FALSE
0,130	0,287	0,005	0,009	0,208	FALSE
0,075	0,298	0,000	0,007	0,022	FALSE
0,028	0,288	0,002	0,010	0,076	FALSE
-0,171	0,287	-0,004	0,012	0,153	FALSE
0,079	0,289	0,002	0,008	0,100	FALSE
0,092	0,284	0,003	0,008	0,136	FALSE
-0,074	0,287	-0,001	0,009	0,028	FALSE
0,090	0,294	0,001	0,010	0,052	FALSE
-0,093	0,298	-0,002	0,008	0,075	FALSE
0,113	0,278	0,001	0,007	0,051	FALSE
0,166	0,301	0,004	0,007	0,218	FALSE
0,010	0,299	0,000	0,012	0,005	FALSE
-0,149	0,281	-0,007	0,012	0,266	FALSE
0,051	0,300	0,000	0,007	0,019	FALSE
-0,165	0,275	-0,004	0,008	0,228	FALSE
-0,139	0,304	-0,003	0,008	0,152	FALSE
0,013	0,294	0,000	0,008	0,016	FALSE
-0,023	0,285	0,000	0,008	0,022	FALSE
0,005	0,288	0,000	0,008	0,019	FALSE
0,089	0,281	0,003	0,007	0,142	FALSE
-0,049	0,284	-0,004	0,009	0,173	FALSE
0,031	0,286	0,001	0,011	0,023	FALSE
-0,022	0,290	0,000	0,010	0,014	FALSE
-0,079	0,286	-0,004	0,010	0,148	FALSE
0,020	0,286	0,001	0,009	0,023	FALSE
0,142	0,287	0,004	0,011	0,136	FALSE
-0,028	0,300	-0,002	0,009	0,082	FALSE
0,074	0,286	0,004	0,013	0,106	FALSE
0,042	0,297	0,001	0,011	0,022	FALSE
0,084	0,308	0,003	0,011	0,088	FALSE
-0,015	0,302	0,000	0,008	0,005	FALSE
0,008	0,286	0,001	0,012	0,023	FALSE

-0,040	0,288	-0,001	0,007	0,072	FALSE
-0,097	0,286	-0,004	0,012	0,136	FALSE
-0,058	0,295	-0,001	0,009	0,051	FALSE
-0,036	0,294	0,000	0,008	0,019	FALSE
-0,093	0,293	-0,003	0,007	0,143	FALSE
-0,083	0,291	-0,003	0,013	0,095	FALSE
0,154	0,283	0,004	0,008	0,224	FALSE
0,166	0,279	0,004	0,008	0,206	FALSE
-0,026	0,284	-0,002	0,008	0,084	FALSE
0,033	0,275	0,000	0,008	0,014	FALSE
0,068	0,305	0,002	0,012	0,048	FALSE
0,054	0,306	0,002	0,012	0,057	FALSE
0,002	0,282	0,000	0,011	0,007	FALSE
-0,038	0,295	-0,002	0,013	0,064	FALSE
0,230	0,279	0,005	0,007	0,390	FALSE
0,031	0,296	0,000	0,007	0,012	FALSE
-0,088	0,292	-0,005	0,013	0,159	FALSE
-0,011	0,303	-0,001	0,010	0,057	FALSE
0,048	0,291	0,002	0,008	0,116	FALSE
0,108	0,280	0,002	0,010	0,063	FALSE
0,125	0,279	0,004	0,006	0,253	FALSE
0,104	0,291	0,002	0,010	0,089	FALSE
0,110	0,287	0,002	0,006	0,115	FALSE
0,074	0,301	0,003	0,012	0,091	FALSE
-0,027	0,281	0,000	0,006	0,008	FALSE
-0,074	0,297	-0,002	0,009	0,066	FALSE
0,042	0,280	0,001	0,007	0,040	FALSE
0,136	0,279	0,003	0,007	0,184	FALSE
0,066	0,296	0,001	0,007	0,036	FALSE
0,092	0,284	0,002	0,008	0,086	FALSE
0,072	0,285	0,002	0,010	0,084	FALSE
0,145	0,296	0,003	0,006	0,181	FALSE
-0,004	0,297	0,000	0,009	0,016	FALSE
0,011	0,290	0,000	0,008	0,011	FALSE
-0,040	0,279	-0,001	0,006	0,045	FALSE
-0,084	0,287	-0,002	0,007	0,078	FALSE
-0,013	0,291	0,000	0,006	0,003	FALSE
0,186	0,275	0,003	0,007	0,153	FALSE
-0,039	0,294	-0,002	0,007	0,084	FALSE
-0,047	0,284	-0,001	0,010	0,020	FALSE
-0,099	0,288	-0,003	0,007	0,169	FALSE
0,123	0,277	0,003	0,007	0,141	FALSE
-0,142	0,281	-0,004	0,009	0,197	FALSE
-0,014	0,291	0,000	0,007	0,004	FALSE
-0,057	0,288	-0,002	0,012	0,076	FALSE
-0,024	0,274	0,000	0,008	0,005	FALSE
-0,080	0,280	-0,001	0,010	0,044	FALSE
0,059	0,278	0,004	0,013	0,126	FALSE
0,066	0,278	0,001	0,006	0,050	FALSE
-0,051	0,297	-0,002	0,008	0,116	FALSE
-0,042	0,294	-0,001	0,007	0,069	FALSE
-0,049	0,296	-0,001	0,010	0,033	FALSE
-0,142	0,294	-0,005	0,012	0,180	FALSE

0,037	0,290	0,003	0,012	0,084	FALSE
-0,017	0,286	0,000	0,013	0,010	FALSE
0,040	0,282	0,002	0,006	0,115	FALSE
-0,083	0,291	-0,002	0,006	0,098	FALSE
-0,096	0,279	-0,001	0,011	0,048	FALSE
0,027	0,277	0,001	0,012	0,034	FALSE
-0,001	0,295	0,000	0,007	0,022	FALSE
0,154	0,286	0,006	0,012	0,213	FALSE
-0,170	0,289	-0,004	0,010	0,166	FALSE
-0,013	0,283	0,000	0,007	0,026	FALSE
-0,227	0,271	-0,007	0,010	0,323	FALSE
-0,125	0,280	-0,007	0,012	0,249	FALSE
0,040	0,297	0,002	0,009	0,067	FALSE
0,068	0,293	0,002	0,011	0,087	FALSE
-0,002	0,283	-0,001	0,006	0,048	FALSE
0,022	0,298	0,002	0,012	0,061	FALSE
0,057	0,288	0,003	0,012	0,092	FALSE
0,169	0,286	0,006	0,010	0,286	FALSE
0,082	0,291	0,004	0,012	0,111	FALSE
0,167	0,285	0,005	0,008	0,323	FALSE
-0,065	0,296	-0,002	0,008	0,096	FALSE
0,078	0,302	0,004	0,013	0,111	FALSE
0,071	0,283	0,004	0,013	0,124	FALSE
0,098	0,290	0,004	0,011	0,154	FALSE
0,059	0,280	0,002	0,009	0,094	FALSE
-0,034	0,293	-0,003	0,009	0,107	FALSE
-0,054	0,292	-0,001	0,007	0,072	FALSE
0,054	0,292	0,002	0,010	0,060	FALSE
-0,080	0,286	-0,001	0,006	0,070	FALSE
0,071	0,292	0,003	0,007	0,160	FALSE
-0,013	0,277	-0,001	0,010	0,025	FALSE
-0,075	0,306	-0,003	0,008	0,137	FALSE
0,017	0,297	0,000	0,012	0,004	FALSE
0,085	0,294	0,004	0,013	0,116	FALSE
-0,003	0,293	0,001	0,010	0,053	FALSE
-0,030	0,283	0,000	0,010	0,014	FALSE
0,092	0,302	0,004	0,013	0,106	FALSE
-0,058	0,299	-0,002	0,008	0,087	FALSE
-0,036	0,286	-0,001	0,010	0,048	FALSE
-0,041	0,278	-0,002	0,010	0,088	FALSE
-0,051	0,285	-0,001	0,006	0,080	FALSE
-0,066	0,287	-0,004	0,010	0,144	FALSE
0,055	0,307	0,002	0,008	0,105	FALSE
0,031	0,292	0,002	0,013	0,059	FALSE
0,058	0,296	0,003	0,011	0,104	FALSE
-0,070	0,288	-0,003	0,012	0,095	FALSE
-0,141	0,292	-0,005	0,012	0,177	FALSE
0,076	0,295	0,002	0,012	0,054	FALSE
0,027	0,291	0,001	0,013	0,035	FALSE
0,000	0,290	0,000	0,007	0,022	FALSE
0,069	0,281	0,001	0,006	0,053	FALSE
-0,080	0,276	-0,003	0,010	0,105	FALSE
-0,032	0,286	-0,002	0,009	0,081	FALSE

-0,018	0,297	0,001	0,012	0,025	FALSE
-0,008	0,281	0,000	0,008	0,010	FALSE
-0,197	0,282	-0,004	0,008	0,240	FALSE
-0,079	0,303	-0,004	0,012	0,115	FALSE
0,032	0,293	0,002	0,011	0,078	FALSE
-0,168	0,281	-0,004	0,007	0,237	FALSE
0,082	0,285	0,001	0,007	0,041	FALSE
-0,053	0,295	-0,001	0,007	0,070	FALSE
0,096	0,295	0,001	0,010	0,024	FALSE
0,005	0,292	0,001	0,013	0,017	FALSE
0,065	0,288	0,002	0,009	0,077	FALSE
0,083	0,273	0,003	0,012	0,104	FALSE
-0,091	0,288	-0,003	0,013	0,085	FALSE
0,123	0,282	0,003	0,010	0,116	FALSE
-0,042	0,282	0,000	0,011	0,009	FALSE
-0,137	0,291	-0,003	0,007	0,174	FALSE
-0,111	0,280	-0,005	0,009	0,232	FALSE
-0,103	0,285	-0,006	0,012	0,218	FALSE
0,080	0,299	0,004	0,011	0,152	FALSE
0,063	0,278	0,004	0,012	0,145	FALSE
-0,056	0,285	-0,002	0,008	0,110	FALSE
0,134	0,293	0,005	0,011	0,175	FALSE
-0,134	0,289	-0,006	0,013	0,193	FALSE
-0,014	0,303	-0,001	0,011	0,021	FALSE
0,035	0,299	0,001	0,010	0,041	FALSE
-0,101	0,296	-0,004	0,009	0,166	FALSE
-0,009	0,295	-0,001	0,008	0,023	FALSE
0,022	0,301	-0,001	0,010	0,019	FALSE
0,076	0,284	0,001	0,008	0,053	FALSE
-0,075	0,277	-0,002	0,009	0,096	FALSE
-0,184	0,283	-0,004	0,008	0,232	FALSE
-0,037	0,279	-0,005	0,011	0,183	FALSE
0,012	0,274	0,002	0,007	0,104	FALSE
-0,078	0,285	-0,001	0,008	0,037	FALSE
0,172	0,289	0,004	0,007	0,263	FALSE
-0,092	0,281	-0,003	0,011	0,109	FALSE
-0,154	0,288	-0,006	0,009	0,305	FALSE
0,029	0,265	0,000	0,009	0,016	FALSE
-0,147	0,292	-0,004	0,011	0,162	FALSE
-0,112	0,300	-0,004	0,009	0,165	FALSE
0,098	0,280	0,002	0,010	0,097	FALSE
0,052	0,293	0,000	0,008	0,015	FALSE
0,044	0,294	0,001	0,012	0,043	FALSE
-0,023	0,295	0,000	0,012	0,009	FALSE
0,088	0,280	0,002	0,010	0,076	FALSE
-0,033	0,290	-0,001	0,008	0,034	FALSE
-0,122	0,291	-0,006	0,013	0,180	FALSE
0,040	0,283	0,002	0,013	0,053	FALSE
0,048	0,283	-0,001	0,012	0,019	FALSE
0,059	0,291	-0,001	0,011	0,028	FALSE
0,014	0,292	-0,001	0,012	0,024	FALSE
0,063	0,300	0,000	0,009	0,007	FALSE
-0,023	0,271	0,000	0,010	0,001	FALSE

-0,045	0,276	-0,001	0,009	0,037	FALSE
-0,057	0,296	-0,001	0,010	0,056	FALSE
-0,118	0,283	-0,005	0,012	0,159	FALSE
-0,061	0,295	-0,002	0,012	0,047	FALSE
0,005	0,287	0,000	0,009	0,016	FALSE
-0,063	0,289	-0,002	0,012	0,064	FALSE
-0,007	0,293	0,000	0,010	0,007	FALSE
0,081	0,305	0,001	0,007	0,039	FALSE
-0,067	0,286	-0,002	0,009	0,091	FALSE
0,054	0,297	0,004	0,012	0,137	FALSE
0,024	0,292	0,004	0,012	0,121	FALSE
0,044	0,278	0,000	0,009	0,014	FALSE
-0,027	0,304	-0,002	0,007	0,091	FALSE
0,107	0,288	0,002	0,008	0,101	FALSE
-0,010	0,282	-0,001	0,007	0,050	FALSE
0,140	0,281	0,005	0,011	0,187	FALSE
-0,085	0,290	-0,001	0,007	0,062	FALSE
-0,095	0,283	-0,003	0,009	0,126	FALSE
-0,066	0,299	-0,002	0,008	0,088	FALSE
0,011	0,293	0,000	0,007	0,018	FALSE
0,102	0,277	0,004	0,011	0,132	FALSE
-0,087	0,287	-0,003	0,012	0,095	FALSE
0,031	0,290	0,000	0,007	0,011	FALSE
0,026	0,298	0,001	0,007	0,036	FALSE
0,047	0,288	0,001	0,008	0,027	FALSE
-0,050	0,292	-0,003	0,007	0,152	FALSE
-0,168	0,294	-0,003	0,008	0,182	FALSE
-0,045	0,289	-0,005	0,012	0,185	FALSE
-0,015	0,276	-0,002	0,007	0,096	FALSE
0,044	0,289	0,002	0,007	0,086	FALSE
-0,068	0,284	-0,003	0,008	0,156	FALSE
0,034	0,287	0,001	0,007	0,074	FALSE
-0,083	0,280	-0,002	0,012	0,069	FALSE
0,057	0,289	0,001	0,007	0,068	FALSE
-0,042	0,279	0,000	0,009	0,000	FALSE
-0,022	0,294	-0,001	0,008	0,071	FALSE
-0,011	0,299	-0,001	0,008	0,022	FALSE
0,145	0,282	0,004	0,009	0,172	FALSE
-0,081	0,296	-0,003	0,008	0,155	FALSE
-0,027	0,298	-0,001	0,008	0,050	FALSE
0,123	0,289	0,004	0,013	0,118	FALSE
0,059	0,274	0,003	0,010	0,126	FALSE
-0,077	0,276	-0,003	0,009	0,121	FALSE
0,022	0,280	0,003	0,012	0,077	FALSE
-0,012	0,291	0,000	0,011	0,013	FALSE
-0,075	0,301	-0,001	0,007	0,078	FALSE
0,058	0,295	0,001	0,010	0,026	FALSE
0,001	0,289	0,002	0,013	0,067	FALSE
-0,069	0,289	-0,002	0,006	0,098	FALSE
-0,068	0,295	-0,003	0,008	0,129	FALSE
0,127	0,292	0,006	0,012	0,213	FALSE
0,139	0,296	0,004	0,010	0,165	FALSE
-0,110	0,296	-0,003	0,007	0,181	FALSE

0,082	0,291	0,002	0,007	0,108	FALSE
0,010	0,286	-0,001	0,012	0,019	FALSE
-0,054	0,294	-0,002	0,009	0,074	FALSE
-0,101	0,290	-0,001	0,007	0,049	FALSE
-0,133	0,282	-0,002	0,007	0,081	FALSE
-0,069	0,297	-0,003	0,010	0,097	FALSE
0,114	0,274	0,003	0,012	0,107	FALSE
-0,095	0,283	-0,001	0,012	0,028	FALSE
-0,029	0,296	0,000	0,010	0,012	FALSE
-0,146	0,285	-0,004	0,008	0,224	FALSE
0,107	0,292	0,004	0,011	0,136	FALSE
0,161	0,278	0,003	0,007	0,170	FALSE
0,091	0,290	0,002	0,007	0,092	FALSE
-0,033	0,289	-0,002	0,009	0,077	FALSE
-0,007	0,290	0,000	0,013	0,013	FALSE
-0,031	0,291	0,000	0,008	0,019	FALSE
-0,027	0,276	-0,001	0,007	0,066	FALSE
0,025	0,279	0,002	0,007	0,085	FALSE
-0,140	0,269	-0,002	0,007	0,099	FALSE
-0,137	0,293	-0,002	0,007	0,137	FALSE
-0,027	0,291	-0,002	0,011	0,071	FALSE
0,043	0,296	0,001	0,008	0,029	FALSE
-0,067	0,294	-0,006	0,013	0,172	FALSE
-0,045	0,273	-0,002	0,008	0,089	FALSE
0,176	0,288	0,003	0,007	0,207	FALSE
0,065	0,275	0,003	0,012	0,092	FALSE
-0,028	0,297	-0,001	0,008	0,043	FALSE
-0,261	0,279	-0,006	0,008	0,332	FALSE
0,004	0,307	-0,001	0,010	0,038	FALSE
-0,056	0,305	0,000	0,012	0,006	FALSE
0,041	0,285	0,000	0,009	0,004	FALSE
-0,003	0,305	-0,001	0,011	0,043	FALSE
-0,131	0,283	-0,004	0,008	0,195	FALSE
-0,008	0,300	0,000	0,007	0,014	FALSE
0,015	0,296	0,000	0,008	0,018	FALSE
0,025	0,301	0,001	0,007	0,085	FALSE
0,144	0,279	0,003	0,006	0,229	FALSE
0,062	0,288	0,001	0,011	0,050	FALSE
-0,025	0,291	-0,001	0,007	0,045	FALSE
-0,050	0,278	-0,003	0,011	0,104	FALSE
-0,009	0,291	0,000	0,008	0,006	FALSE
0,092	0,300	0,003	0,011	0,094	FALSE
0,146	0,294	0,004	0,008	0,189	FALSE
0,090	0,294	0,003	0,012	0,093	FALSE
0,038	0,286	0,004	0,012	0,120	FALSE
-0,093	0,288	-0,002	0,010	0,079	FALSE
0,034	0,284	0,002	0,006	0,113	FALSE
0,035	0,293	0,001	0,007	0,059	FALSE
0,113	0,276	0,001	0,013	0,016	FALSE
-0,069	0,296	-0,001	0,007	0,066	FALSE
0,010	0,283	0,000	0,011	0,015	FALSE
-0,009	0,300	0,001	0,012	0,019	FALSE
-0,016	0,296	-0,001	0,009	0,042	FALSE

0,059	0,286	0,001	0,007	0,042	FALSE
0,080	0,281	0,002	0,008	0,114	FALSE
-0,025	0,295	-0,001	0,009	0,038	FALSE
0,024	0,290	0,001	0,006	0,068	FALSE
-0,068	0,281	-0,003	0,009	0,121	FALSE
-0,108	0,290	-0,002	0,007	0,109	FALSE
-0,102	0,286	-0,003	0,012	0,101	FALSE
0,032	0,305	0,000	0,010	0,008	FALSE
-0,069	0,289	-0,001	0,008	0,063	FALSE
0,016	0,294	0,000	0,008	0,003	FALSE
-0,345	0,264	-0,013	0,011	0,649	FALSE
0,020	0,287	0,001	0,013	0,037	FALSE
0,031	0,277	0,002	0,012	0,052	FALSE
0,041	0,289	0,002	0,013	0,053	FALSE
0,048	0,298	0,001	0,007	0,062	FALSE
-0,015	0,293	-0,001	0,009	0,035	FALSE
-0,013	0,289	-0,001	0,010	0,040	FALSE
0,018	0,284	0,002	0,010	0,095	FALSE
0,209	0,288	0,009	0,013	0,300	FALSE
-0,018	0,284	-0,001	0,009	0,039	FALSE
-0,001	0,289	-0,002	0,012	0,044	FALSE
0,070	0,286	0,000	0,013	0,003	FALSE
0,141	0,281	0,004	0,011	0,122	FALSE
-0,071	0,280	-0,003	0,011	0,111	FALSE
-0,072	0,291	-0,002	0,013	0,052	FALSE
-0,039	0,292	0,000	0,013	0,011	FALSE
-0,115	0,275	-0,002	0,007	0,093	FALSE
-0,144	0,286	-0,002	0,007	0,126	FALSE
-0,022	0,295	-0,002	0,013	0,069	FALSE
-0,068	0,274	-0,006	0,011	0,217	FALSE
-0,066	0,289	-0,001	0,014	0,039	FALSE
-0,048	0,290	-0,001	0,007	0,050	FALSE
-0,105	0,300	-0,003	0,009	0,127	FALSE
0,151	0,296	0,004	0,009	0,179	FALSE
0,143	0,290	0,005	0,009	0,238	FALSE
-0,144	0,273	-0,005	0,013	0,153	FALSE
0,181	0,286	0,003	0,007	0,153	FALSE
-0,136	0,291	-0,003	0,008	0,180	FALSE
-0,016	0,290	-0,001	0,009	0,035	FALSE
0,103	0,287	0,004	0,009	0,188	FALSE
0,104	0,294	0,003	0,011	0,087	FALSE
-0,053	0,303	-0,002	0,007	0,093	FALSE
0,101	0,287	0,003	0,011	0,090	FALSE
-0,074	0,286	-0,002	0,007	0,092	FALSE
0,073	0,284	0,002	0,007	0,103	FALSE
0,123	0,282	0,003	0,007	0,174	FALSE
-0,079	0,305	-0,003	0,012	0,100	FALSE
-0,117	0,284	-0,005	0,008	0,239	FALSE
-0,018	0,291	0,002	0,009	0,062	FALSE
0,040	0,295	0,001	0,007	0,061	FALSE
0,099	0,292	0,005	0,013	0,172	FALSE
0,068	0,297	0,005	0,014	0,130	FALSE
0,065	0,278	0,005	0,013	0,152	FALSE

-0,054	0,296	-0,002	0,012	0,072	FALSE
-0,049	0,297	-0,002	0,012	0,052	FALSE
0,045	0,279	0,003	0,007	0,156	FALSE
0,015	0,285	-0,002	0,011	0,054	FALSE
-0,055	0,298	-0,001	0,011	0,050	FALSE
-0,052	0,277	-0,001	0,011	0,035	FALSE
0,032	0,290	0,002	0,013	0,068	FALSE
-0,071	0,293	-0,003	0,008	0,117	FALSE
-0,089	0,286	-0,002	0,007	0,085	FALSE
-0,062	0,305	-0,002	0,013	0,062	FALSE
0,002	0,292	-0,001	0,011	0,028	FALSE
-0,080	0,280	-0,002	0,007	0,105	FALSE
-0,026	0,273	0,001	0,007	0,054	FALSE
-0,004	0,305	0,001	0,013	0,031	FALSE
0,063	0,289	0,002	0,007	0,103	FALSE
0,033	0,292	0,003	0,009	0,112	FALSE
0,054	0,287	0,004	0,013	0,117	FALSE
0,103	0,289	0,006	0,012	0,198	FALSE
-0,093	0,296	-0,002	0,007	0,111	FALSE
0,043	0,274	0,001	0,010	0,034	FALSE
0,122	0,292	0,003	0,008	0,132	FALSE
-0,075	0,301	-0,001	0,011	0,037	FALSE
-0,044	0,290	-0,002	0,008	0,069	FALSE
0,051	0,279	0,003	0,012	0,078	FALSE
0,210	0,261	0,007	0,011	0,265	FALSE
0,078	0,295	0,003	0,013	0,093	FALSE
0,009	0,282	0,000	0,009	0,001	FALSE
0,018	0,289	0,000	0,009	0,008	FALSE
-0,024	0,287	0,000	0,008	0,004	FALSE
-0,016	0,270	0,000	0,009	0,019	FALSE
-0,007	0,288	0,000	0,011	0,003	FALSE
0,018	0,296	0,002	0,012	0,057	FALSE
0,019	0,275	-0,001	0,011	0,016	FALSE
-0,003	0,289	0,001	0,008	0,061	FALSE
0,122	0,270	0,004	0,009	0,186	FALSE
0,127	0,289	0,002	0,007	0,117	FALSE
0,093	0,288	0,004	0,009	0,175	FALSE
-0,020	0,286	-0,001	0,007	0,032	FALSE
-0,034	0,301	-0,002	0,011	0,087	FALSE
0,104	0,282	0,002	0,006	0,151	FALSE
-0,036	0,292	-0,001	0,008	0,041	FALSE
0,102	0,301	0,002	0,009	0,089	FALSE
0,100	0,310	0,002	0,010	0,075	FALSE
0,135	0,286	0,005	0,007	0,314	FALSE
0,048	0,282	0,001	0,007	0,039	FALSE
0,008	0,303	-0,001	0,012	0,020	FALSE
0,026	0,291	-0,001	0,013	0,014	FALSE
-0,068	0,286	-0,001	0,007	0,057	FALSE
-0,003	0,287	0,000	0,010	0,009	FALSE
0,009	0,285	0,001	0,009	0,041	FALSE
0,078	0,304	0,003	0,008	0,145	FALSE
-0,018	0,295	0,001	0,013	0,023	FALSE
0,084	0,288	0,004	0,010	0,160	FALSE

-0,079	0,273	-0,002	0,007	0,099	FALSE
-0,060	0,276	-0,002	0,012	0,077	FALSE
0,063	0,294	0,001	0,007	0,060	FALSE
0,036	0,291	0,003	0,013	0,075	FALSE
-0,064	0,282	-0,001	0,006	0,073	FALSE
-0,003	0,296	-0,001	0,013	0,026	FALSE
-0,025	0,307	-0,001	0,008	0,052	FALSE
-0,130	0,282	-0,005	0,009	0,253	FALSE
-0,056	0,286	-0,001	0,006	0,083	FALSE
-0,005	0,284	0,000	0,008	0,007	FALSE
0,086	0,297	0,001	0,009	0,047	FALSE
-0,166	0,287	-0,004	0,007	0,238	FALSE
0,025	0,292	0,001	0,007	0,052	FALSE
-0,048	0,295	0,000	0,012	0,008	FALSE
-0,029	0,276	-0,001	0,007	0,042	FALSE
0,016	0,296	0,001	0,007	0,036	FALSE
0,112	0,293	0,004	0,010	0,147	FALSE
-0,103	0,282	-0,004	0,009	0,157	FALSE
0,115	0,292	0,004	0,009	0,200	FALSE
0,044	0,297	0,001	0,011	0,044	FALSE
-0,135	0,283	-0,003	0,007	0,183	FALSE
-0,023	0,294	0,000	0,009	0,018	FALSE
-0,004	0,284	0,000	0,010	0,011	FALSE
0,033	0,292	0,001	0,007	0,046	FALSE
-0,013	0,282	-0,001	0,009	0,040	FALSE
0,060	0,266	0,003	0,012	0,098	FALSE
-0,008	0,284	-0,001	0,009	0,040	FALSE
0,009	0,294	0,001	0,009	0,028	FALSE
-0,065	0,293	-0,003	0,012	0,081	FALSE
0,025	0,288	0,001	0,007	0,043	FALSE
0,068	0,284	0,002	0,007	0,098	FALSE
0,028	0,289	0,002	0,010	0,087	FALSE
-0,022	0,297	-0,002	0,013	0,056	FALSE
-0,066	0,292	-0,002	0,009	0,100	FALSE
-0,046	0,298	-0,001	0,006	0,050	FALSE
-0,026	0,275	-0,001	0,006	0,071	FALSE
-0,098	0,269	-0,004	0,010	0,141	FALSE
0,180	0,278	0,004	0,007	0,286	FALSE
-0,025	0,315	-0,002	0,008	0,086	FALSE
-0,070	0,284	0,000	0,008	0,021	FALSE
-0,017	0,284	0,001	0,006	0,044	FALSE
-0,211	0,270	-0,006	0,008	0,318	FALSE
-0,009	0,292	-0,001	0,007	0,024	FALSE
-0,070	0,296	-0,002	0,008	0,115	FALSE
-0,139	0,287	-0,003	0,009	0,139	FALSE
-0,034	0,303	-0,001	0,013	0,025	FALSE
-0,021	0,280	0,000	0,007	0,012	FALSE
0,112	0,296	0,004	0,010	0,168	FALSE
-0,036	0,288	-0,001	0,010	0,040	FALSE
-0,034	0,297	0,000	0,006	0,011	FALSE
0,137	0,297	0,004	0,011	0,152	FALSE
-0,153	0,286	-0,004	0,007	0,195	FALSE
0,163	0,284	0,006	0,009	0,277	FALSE

0,068	0,289	0,005	0,012	0,172	FALSE
0,063	0,291	0,004	0,013	0,106	FALSE
-0,020	0,295	-0,001	0,009	0,029	FALSE
-0,042	0,297	0,000	0,013	0,008	FALSE
-0,027	0,309	0,000	0,013	0,012	FALSE
-0,092	0,298	-0,003	0,007	0,160	FALSE
0,134	0,298	0,004	0,009	0,208	FALSE
-0,054	0,297	0,000	0,007	0,003	FALSE
0,011	0,282	-0,001	0,009	0,023	FALSE
-0,021	0,291	-0,001	0,011	0,033	FALSE
-0,028	0,303	-0,001	0,009	0,023	FALSE
-0,086	0,298	-0,003	0,009	0,133	FALSE
0,023	0,292	0,000	0,008	0,007	FALSE
0,060	0,283	0,000	0,006	0,016	FALSE
0,015	0,286	0,001	0,012	0,017	FALSE
0,069	0,291	0,002	0,007	0,090	FALSE
-0,127	0,282	-0,005	0,011	0,190	FALSE
-0,010	0,295	0,001	0,011	0,018	FALSE
-0,103	0,281	-0,002	0,007	0,147	FALSE
-0,043	0,287	0,000	0,008	0,016	FALSE
-0,061	0,309	0,000	0,007	0,011	FALSE
0,157	0,287	0,006	0,012	0,202	FALSE
0,073	0,300	0,000	0,007	0,021	FALSE
0,042	0,305	0,000	0,008	0,014	FALSE
0,035	0,296	0,001	0,007	0,069	FALSE
0,101	0,297	0,004	0,013	0,111	FALSE
-0,095	0,276	-0,005	0,012	0,163	FALSE
-0,014	0,282	-0,001	0,006	0,036	FALSE
-0,110	0,287	-0,004	0,012	0,141	FALSE
0,144	0,279	0,003	0,006	0,190	FALSE
0,140	0,285	0,004	0,012	0,123	FALSE
-0,244	0,277	-0,010	0,011	0,419	FALSE
0,071	0,284	0,003	0,007	0,196	FALSE
-0,013	0,288	0,000	0,011	0,014	FALSE
0,111	0,282	0,004	0,010	0,157	FALSE
0,143	0,290	0,005	0,011	0,170	FALSE
0,038	0,274	0,002	0,011	0,070	FALSE
0,039	0,286	0,001	0,006	0,058	FALSE
-0,042	0,273	-0,004	0,010	0,171	FALSE
0,001	0,280	-0,003	0,010	0,105	FALSE
0,135	0,280	0,005	0,012	0,183	FALSE
0,017	0,280	0,000	0,011	0,013	FALSE
0,036	0,297	0,002	0,013	0,063	FALSE
-0,057	0,291	-0,002	0,009	0,075	FALSE
-0,030	0,278	-0,001	0,012	0,031	FALSE
-0,002	0,288	-0,001	0,013	0,026	FALSE
0,023	0,295	0,000	0,008	0,020	FALSE
-0,079	0,288	-0,002	0,009	0,074	FALSE
-0,057	0,285	-0,003	0,011	0,100	FALSE
0,043	0,289	0,001	0,010	0,026	FALSE
-0,025	0,297	0,001	0,009	0,056	FALSE
-0,027	0,293	0,001	0,012	0,028	FALSE
-0,037	0,289	-0,001	0,011	0,028	FALSE

0,041	0,278	0,000	0,008	0,009	FALSE
-0,084	0,278	0,000	0,010	0,013	FALSE
-0,067	0,305	-0,001	0,008	0,059	FALSE
0,063	0,298	0,002	0,011	0,081	FALSE
0,092	0,288	0,001	0,008	0,041	FALSE
0,005	0,276	0,000	0,007	0,020	FALSE
-0,017	0,293	0,001	0,008	0,044	FALSE
-0,106	0,283	-0,003	0,010	0,132	FALSE
0,031	0,290	0,001	0,006	0,048	FALSE
0,022	0,301	0,001	0,013	0,014	FALSE
-0,153	0,291	-0,005	0,013	0,159	FALSE
0,106	0,295	0,003	0,011	0,128	FALSE
-0,154	0,278	-0,003	0,007	0,198	FALSE
0,070	0,288	0,002	0,009	0,080	FALSE
0,024	0,289	0,000	0,008	0,018	FALSE
0,070	0,288	0,002	0,008	0,107	FALSE
0,136	0,293	0,007	0,013	0,237	FALSE
-0,152	0,293	-0,005	0,010	0,186	FALSE
-0,051	0,273	-0,002	0,007	0,135	FALSE
0,106	0,291	0,002	0,008	0,115	FALSE
0,108	0,305	0,002	0,011	0,076	FALSE
0,072	0,281	0,001	0,010	0,055	FALSE
0,052	0,300	0,003	0,013	0,079	FALSE
0,103	0,292	0,005	0,011	0,214	FALSE
-0,022	0,286	0,001	0,009	0,036	FALSE
-0,051	0,288	-0,002	0,008	0,088	FALSE
0,011	0,282	0,001	0,008	0,044	FALSE
0,083	0,285	0,002	0,008	0,096	FALSE
0,018	0,285	0,001	0,009	0,052	FALSE
0,007	0,278	-0,001	0,011	0,040	FALSE
-0,014	0,293	-0,001	0,010	0,024	FALSE
-0,018	0,289	-0,002	0,012	0,050	FALSE
0,008	0,284	0,001	0,012	0,032	FALSE
0,002	0,298	0,001	0,011	0,035	FALSE
-0,004	0,311	0,000	0,011	0,016	FALSE
-0,046	0,280	-0,005	0,013	0,143	FALSE
-0,046	0,302	-0,001	0,008	0,051	FALSE
0,039	0,301	0,001	0,007	0,031	FALSE
0,020	0,303	0,001	0,009	0,038	FALSE
0,021	0,303	0,002	0,013	0,047	FALSE
-0,147	0,299	-0,005	0,012	0,173	FALSE
-0,102	0,289	-0,002	0,007	0,121	FALSE
-0,016	0,283	0,000	0,007	0,015	FALSE
-0,084	0,281	-0,002	0,013	0,054	FALSE
0,169	0,277	0,003	0,008	0,168	FALSE
-0,132	0,266	-0,005	0,012	0,181	FALSE
-0,031	0,279	-0,002	0,012	0,050	FALSE
-0,131	0,277	-0,004	0,012	0,139	FALSE
0,038	0,293	0,000	0,009	0,000	FALSE
-0,108	0,290	-0,005	0,013	0,156	FALSE
0,031	0,280	0,000	0,008	0,012	FALSE
-0,076	0,279	-0,002	0,007	0,098	FALSE
-0,081	0,285	-0,003	0,008	0,161	FALSE

-0,023	0,287	0,001	0,007	0,037	FALSE
0,041	0,290	0,001	0,009	0,049	FALSE
0,036	0,296	-0,001	0,012	0,032	FALSE
0,127	0,292	0,003	0,007	0,150	FALSE
0,034	0,283	0,002	0,008	0,078	FALSE
0,194	0,298	0,006	0,010	0,255	FALSE
0,001	0,274	0,000	0,006	0,022	FALSE
0,079	0,286	0,004	0,010	0,157	FALSE
-0,099	0,284	-0,002	0,010	0,076	FALSE
-0,078	0,285	-0,002	0,007	0,118	FALSE
-0,013	0,304	0,000	0,007	0,002	FALSE
-0,128	0,301	-0,003	0,008	0,154	FALSE
-0,063	0,297	-0,001	0,007	0,080	FALSE
-0,040	0,297	0,000	0,013	0,013	FALSE
-0,023	0,279	0,000	0,006	0,004	FALSE
-0,092	0,288	-0,004	0,012	0,134	FALSE
-0,084	0,308	-0,002	0,013	0,054	FALSE
0,017	0,296	0,002	0,010	0,055	FALSE
-0,106	0,295	-0,003	0,007	0,142	FALSE
-0,010	0,288	0,000	0,010	0,015	FALSE
0,053	0,284	-0,001	0,006	0,046	FALSE
0,042	0,304	-0,001	0,007	0,042	FALSE
-0,097	0,285	-0,004	0,011	0,130	FALSE
0,120	0,296	0,002	0,007	0,082	FALSE
0,077	0,288	0,002	0,009	0,095	FALSE
0,108	0,287	0,006	0,012	0,189	FALSE
0,012	0,285	0,001	0,008	0,057	FALSE
0,022	0,289	-0,001	0,007	0,038	FALSE
-0,006	0,281	0,001	0,008	0,035	FALSE
0,144	0,288	0,004	0,007	0,235	FALSE
-0,005	0,299	-0,001	0,012	0,020	FALSE
-0,068	0,288	-0,002	0,007	0,092	FALSE
0,034	0,298	0,000	0,010	0,011	FALSE
-0,063	0,284	-0,002	0,012	0,067	FALSE
-0,104	0,298	-0,004	0,013	0,108	FALSE
0,109	0,277	0,003	0,006	0,221	FALSE
-0,094	0,286	-0,003	0,011	0,110	FALSE
-0,055	0,271	-0,003	0,013	0,101	FALSE
-0,113	0,297	-0,005	0,011	0,196	FALSE
0,097	0,296	0,004	0,013	0,120	FALSE
0,070	0,290	0,004	0,012	0,141	FALSE
-0,116	0,295	-0,005	0,011	0,196	FALSE
0,117	0,288	0,006	0,012	0,215	FALSE
0,077	0,287	0,001	0,007	0,074	FALSE
-0,015	0,289	-0,001	0,008	0,052	FALSE
0,041	0,290	0,001	0,013	0,019	FALSE
-0,040	0,294	-0,001	0,013	0,030	FALSE
0,059	0,289	0,001	0,012	0,042	FALSE
0,103	0,295	0,001	0,007	0,083	FALSE
-0,062	0,295	-0,002	0,008	0,109	FALSE
-0,101	0,280	-0,002	0,007	0,140	FALSE
-0,006	0,295	-0,002	0,008	0,069	FALSE
0,013	0,296	0,000	0,009	0,010	FALSE

0,088	0,297	0,001	0,008	0,028	FALSE
-0,004	0,298	0,000	0,012	0,003	FALSE
-0,012	0,295	-0,001	0,010	0,035	FALSE
-0,003	0,293	-0,001	0,009	0,020	FALSE
0,080	0,289	0,002	0,009	0,071	FALSE
0,043	0,300	0,002	0,012	0,058	FALSE
0,117	0,286	0,005	0,012	0,158	FALSE
0,050	0,278	0,001	0,008	0,065	FALSE
-0,019	0,281	-0,002	0,009	0,081	FALSE
0,092	0,294	0,004	0,010	0,188	FALSE
0,158	0,292	0,008	0,012	0,277	FALSE
-0,108	0,299	-0,003	0,008	0,165	FALSE
0,052	0,280	0,003	0,010	0,117	FALSE
-0,046	0,290	-0,002	0,010	0,068	FALSE
-0,115	0,290	-0,002	0,007	0,084	FALSE
0,105	0,301	0,002	0,007	0,121	FALSE
-0,052	0,272	0,000	0,007	0,016	FALSE
0,003	0,283	0,000	0,013	0,005	FALSE
-0,130	0,298	-0,003	0,008	0,163	FALSE
-0,009	0,292	-0,001	0,008	0,041	FALSE
-0,169	0,278	-0,004	0,007	0,217	FALSE
0,139	0,279	0,004	0,011	0,125	FALSE
0,090	0,284	0,002	0,007	0,146	FALSE
-0,037	0,289	-0,001	0,012	0,017	FALSE
0,118	0,281	0,001	0,008	0,056	FALSE
-0,027	0,302	0,000	0,009	0,020	FALSE
-0,015	0,299	0,000	0,008	0,012	FALSE
0,036	0,284	0,000	0,009	0,006	FALSE
0,010	0,285	0,000	0,010	0,016	FALSE
0,034	0,287	0,001	0,007	0,042	FALSE
-0,048	0,292	-0,001	0,009	0,035	FALSE
0,055	0,291	0,000	0,008	0,008	FALSE
-0,188	0,290	-0,004	0,007	0,244	FALSE
-0,094	0,296	-0,002	0,008	0,072	FALSE
-0,044	0,293	-0,002	0,012	0,071	FALSE
-0,036	0,292	-0,001	0,013	0,032	FALSE
0,019	0,288	0,000	0,006	0,007	FALSE
0,039	0,290	0,001	0,007	0,030	FALSE
0,061	0,289	0,003	0,010	0,102	FALSE
0,099	0,273	0,004	0,010	0,169	FALSE
0,092	0,292	0,003	0,013	0,083	FALSE
-0,037	0,290	-0,001	0,009	0,055	FALSE
0,082	0,301	0,002	0,007	0,085	FALSE
-0,015	0,295	0,001	0,008	0,026	FALSE
-0,061	0,281	-0,005	0,011	0,168	FALSE
-0,095	0,297	-0,003	0,008	0,131	FALSE
-0,008	0,270	-0,001	0,007	0,078	FALSE
0,017	0,273	0,000	0,010	0,015	FALSE
0,019	0,277	-0,001	0,007	0,032	FALSE
-0,113	0,282	-0,004	0,011	0,148	FALSE
-0,138	0,292	-0,002	0,007	0,097	FALSE
-0,036	0,279	0,000	0,011	0,012	FALSE
0,029	0,277	0,002	0,012	0,069	FALSE

-0,085	0,286	-0,002	0,009	0,084	FALSE
0,067	0,275	0,002	0,007	0,088	FALSE
0,153	0,287	0,007	0,013	0,238	FALSE
0,091	0,295	0,003	0,011	0,117	FALSE
0,095	0,299	0,004	0,012	0,132	FALSE
0,002	0,294	0,000	0,007	0,010	FALSE
0,082	0,303	0,002	0,012	0,072	FALSE
0,052	0,302	0,002	0,009	0,077	FALSE
0,103	0,288	0,003	0,008	0,177	FALSE
0,158	0,290	0,004	0,011	0,160	FALSE
-0,010	0,296	-0,001	0,008	0,026	FALSE
-0,011	0,304	0,000	0,013	0,013	FALSE
0,059	0,301	0,000	0,012	0,010	FALSE
0,037	0,294	0,002	0,012	0,052	FALSE
0,015	0,292	-0,001	0,009	0,019	FALSE
0,066	0,296	0,002	0,011	0,078	FALSE
-0,046	0,292	-0,002	0,013	0,053	FALSE
0,039	0,275	0,002	0,011	0,073	FALSE
0,032	0,285	0,000	0,010	0,000	FALSE
0,175	0,288	0,005	0,007	0,268	FALSE
0,014	0,279	0,001	0,009	0,050	FALSE
-0,129	0,293	-0,005	0,008	0,245	FALSE
-0,139	0,283	-0,004	0,009	0,208	FALSE
0,136	0,294	0,003	0,006	0,182	FALSE
0,005	0,290	-0,001	0,012	0,046	FALSE
0,034	0,292	-0,001	0,008	0,039	FALSE
-0,016	0,286	-0,001	0,010	0,036	FALSE
-0,014	0,269	-0,002	0,010	0,068	FALSE
-0,027	0,291	-0,001	0,008	0,048	FALSE
0,025	0,283	0,001	0,009	0,027	FALSE
-0,004	0,279	0,000	0,007	0,007	FALSE
-0,037	0,296	-0,001	0,008	0,024	FALSE
-0,006	0,288	0,000	0,006	0,011	FALSE
0,035	0,289	0,001	0,008	0,055	FALSE
-0,108	0,292	-0,002	0,007	0,125	FALSE
0,013	0,299	0,000	0,007	0,003	FALSE
-0,096	0,289	-0,003	0,008	0,163	FALSE
0,070	0,297	0,002	0,010	0,083	FALSE
-0,110	0,276	-0,005	0,013	0,159	FALSE
-0,007	0,301	-0,001	0,008	0,046	FALSE
0,107	0,292	0,003	0,007	0,155	FALSE
-0,002	0,283	0,000	0,008	0,002	FALSE
-0,187	0,281	-0,005	0,009	0,239	FALSE
-0,081	0,289	-0,002	0,008	0,100	FALSE
-0,092	0,301	-0,002	0,008	0,085	FALSE
-0,004	0,283	0,000	0,012	0,005	FALSE
-0,094	0,277	-0,003	0,012	0,112	FALSE
-0,009	0,279	0,001	0,012	0,018	FALSE
-0,008	0,290	-0,001	0,013	0,019	FALSE
-0,050	0,279	-0,001	0,007	0,042	FALSE
0,040	0,306	0,001	0,013	0,036	FALSE
0,002	0,291	0,000	0,009	0,008	FALSE
0,038	0,292	0,001	0,007	0,031	FALSE

0,105	0,281	0,003	0,008	0,131	FALSE
0,042	0,287	0,002	0,011	0,051	FALSE
0,116	0,297	0,004	0,011	0,147	FALSE
0,069	0,283	0,004	0,012	0,119	FALSE
-0,120	0,282	-0,003	0,008	0,170	FALSE
0,140	0,289	0,003	0,007	0,146	FALSE
0,069	0,284	0,001	0,009	0,053	FALSE
0,014	0,289	0,001	0,010	0,036	FALSE
0,060	0,296	0,002	0,010	0,083	FALSE
-0,063	0,287	-0,005	0,013	0,167	FALSE
0,135	0,265	0,006	0,009	0,281	FALSE
0,119	0,280	0,006	0,009	0,269	FALSE
-0,057	0,304	-0,001	0,011	0,018	FALSE
-0,119	0,299	-0,004	0,012	0,140	FALSE
0,140	0,283	0,002	0,007	0,110	FALSE
-0,068	0,294	-0,003	0,011	0,103	FALSE
-0,042	0,282	0,000	0,009	0,009	FALSE
0,068	0,292	0,001	0,006	0,061	FALSE
0,059	0,279	0,001	0,007	0,080	FALSE
-0,124	0,285	-0,006	0,011	0,226	FALSE
0,030	0,290	0,001	0,007	0,036	FALSE
0,014	0,291	0,000	0,010	0,012	FALSE
-0,139	0,282	-0,007	0,012	0,249	FALSE
0,063	0,301	0,001	0,011	0,033	FALSE
-0,110	0,281	-0,006	0,013	0,219	FALSE
0,118	0,283	0,004	0,012	0,134	FALSE
-0,016	0,299	0,001	0,008	0,029	FALSE
-0,007	0,310	0,001	0,008	0,037	FALSE
0,073	0,286	0,002	0,007	0,123	FALSE
0,052	0,282	0,004	0,011	0,131	FALSE
0,106	0,280	0,006	0,011	0,216	FALSE
0,039	0,297	0,001	0,008	0,055	FALSE
-0,094	0,313	-0,002	0,009	0,088	FALSE
-0,041	0,283	-0,001	0,008	0,033	FALSE
-0,022	0,287	-0,003	0,013	0,087	FALSE
-0,089	0,289	-0,003	0,008	0,186	FALSE
-0,069	0,285	0,000	0,006	0,011	FALSE
0,141	0,276	0,003	0,013	0,072	FALSE
0,141	0,278	0,003	0,013	0,079	FALSE
0,028	0,277	0,000	0,009	0,001	FALSE
0,021	0,294	0,000	0,006	0,010	FALSE
-0,063	0,286	-0,001	0,010	0,038	FALSE
0,005	0,301	0,000	0,007	0,001	FALSE
-0,104	0,294	-0,001	0,008	0,065	FALSE
-0,143	0,281	-0,002	0,007	0,124	FALSE
-0,045	0,287	0,000	0,010	0,015	FALSE
-0,032	0,294	0,000	0,012	0,011	FALSE
0,056	0,286	0,004	0,011	0,153	FALSE
-0,018	0,292	-0,001	0,012	0,046	FALSE
-0,068	0,298	-0,004	0,011	0,136	FALSE
-0,010	0,300	-0,001	0,012	0,033	FALSE
-0,066	0,307	-0,003	0,009	0,109	FALSE
-0,037	0,293	-0,002	0,009	0,069	FALSE

-0,013	0,307	0,000	0,012	0,014	FALSE
-0,003	0,282	-0,001	0,007	0,030	FALSE
0,075	0,282	0,002	0,010	0,070	FALSE
0,016	0,292	0,001	0,007	0,030	FALSE
0,006	0,297	-0,001	0,009	0,022	FALSE
0,071	0,301	0,000	0,007	0,003	FALSE
0,004	0,285	0,000	0,009	0,011	FALSE
0,032	0,280	0,001	0,007	0,081	FALSE
-0,088	0,277	-0,002	0,011	0,085	FALSE
-0,015	0,298	-0,001	0,007	0,037	FALSE
0,022	0,312	0,001	0,012	0,031	FALSE
0,006	0,294	0,000	0,013	0,005	FALSE
0,039	0,313	0,001	0,012	0,030	FALSE
-0,014	0,297	0,001	0,012	0,023	FALSE
0,060	0,279	0,004	0,012	0,133	FALSE
0,043	0,284	0,002	0,009	0,061	FALSE
-0,084	0,284	-0,002	0,008	0,100	FALSE
-0,057	0,298	-0,002	0,007	0,124	FALSE
0,002	0,297	-0,002	0,011	0,067	FALSE
0,101	0,290	0,003	0,013	0,096	FALSE
0,180	0,279	0,004	0,006	0,268	FALSE
-0,128	0,277	-0,005	0,012	0,197	FALSE
0,019	0,299	0,003	0,013	0,070	FALSE
-0,081	0,287	-0,001	0,006	0,051	FALSE
0,035	0,297	0,001	0,009	0,060	FALSE
0,087	0,286	0,004	0,012	0,127	FALSE
0,036	0,303	0,001	0,007	0,045	FALSE
-0,076	0,286	-0,003	0,007	0,156	FALSE
-0,019	0,299	0,000	0,008	0,016	FALSE
-0,054	0,285	-0,002	0,012	0,048	FALSE
0,078	0,288	0,003	0,010	0,143	FALSE
0,109	0,287	0,005	0,010	0,203	FALSE
0,028	0,281	0,002	0,007	0,124	FALSE
0,070	0,304	0,002	0,009	0,099	FALSE
0,091	0,295	0,002	0,007	0,117	FALSE
-0,031	0,295	-0,001	0,007	0,040	FALSE
-0,042	0,289	-0,001	0,007	0,051	FALSE
0,012	0,288	0,000	0,010	0,013	FALSE
-0,104	0,283	-0,002	0,007	0,113	FALSE
-0,021	0,307	0,000	0,010	0,013	FALSE
0,025	0,291	0,000	0,010	0,016	FALSE
-0,052	0,289	0,000	0,013	0,012	FALSE
-0,083	0,295	-0,002	0,006	0,125	FALSE
0,098	0,295	0,002	0,006	0,129	FALSE
-0,098	0,283	-0,001	0,009	0,055	FALSE
0,102	0,294	0,002	0,007	0,093	FALSE
0,081	0,296	0,002	0,007	0,120	FALSE
0,119	0,294	0,003	0,009	0,119	FALSE
0,050	0,271	0,000	0,006	0,012	FALSE
0,064	0,291	0,002	0,007	0,138	FALSE
-0,012	0,298	0,000	0,013	0,011	FALSE
0,000	0,289	0,000	0,013	0,003	FALSE
-0,104	0,277	-0,003	0,008	0,121	FALSE

-0,206	0,282	-0,005	0,008	0,304	FALSE
0,102	0,291	0,003	0,012	0,099	FALSE
0,044	0,283	-0,001	0,012	0,018	FALSE
-0,150	0,286	-0,004	0,007	0,245	FALSE
-0,132	0,293	-0,003	0,009	0,161	FALSE
0,002	0,297	-0,001	0,007	0,037	FALSE
-0,043	0,286	-0,003	0,012	0,083	FALSE
0,050	0,289	0,000	0,009	0,012	FALSE
-0,081	0,295	-0,003	0,013	0,096	FALSE
-0,064	0,284	-0,001	0,007	0,068	FALSE
0,105	0,292	0,002	0,011	0,060	FALSE
-0,062	0,283	-0,002	0,006	0,116	FALSE
0,123	0,299	0,003	0,009	0,161	FALSE
0,086	0,313	0,003	0,009	0,131	FALSE
0,111	0,277	0,004	0,007	0,244	FALSE
-0,068	0,296	-0,001	0,007	0,063	FALSE
-0,115	0,268	-0,004	0,010	0,170	FALSE
0,084	0,296	0,002	0,012	0,054	FALSE
0,047	0,289	0,000	0,012	0,013	FALSE
0,066	0,296	0,001	0,012	0,039	FALSE
-0,119	0,280	-0,004	0,013	0,140	FALSE
-0,137	0,286	-0,005	0,012	0,147	FALSE
-0,061	0,281	-0,003	0,011	0,099	FALSE
0,077	0,291	0,003	0,011	0,112	FALSE
-0,084	0,282	-0,003	0,010	0,112	FALSE
0,069	0,289	0,001	0,008	0,066	FALSE
-0,024	0,290	0,000	0,006	0,025	FALSE
-0,080	0,279	-0,004	0,010	0,176	FALSE
0,045	0,289	0,000	0,007	0,023	FALSE
0,052	0,283	0,001	0,006	0,036	FALSE
0,013	0,291	-0,001	0,010	0,047	FALSE
0,010	0,303	0,002	0,013	0,052	FALSE
0,234	0,279	0,006	0,008	0,353	FALSE
-0,024	0,299	-0,001	0,007	0,032	FALSE
0,037	0,292	0,000	0,013	0,001	FALSE
0,214	0,277	0,006	0,010	0,255	FALSE
0,143	0,303	0,003	0,010	0,108	FALSE
-0,083	0,288	-0,002	0,012	0,078	FALSE
-0,006	0,287	0,000	0,008	0,020	FALSE
0,076	0,294	0,001	0,007	0,039	FALSE
-0,072	0,278	-0,001	0,009	0,024	FALSE
-0,020	0,295	-0,001	0,010	0,026	FALSE
0,140	0,290	0,005	0,007	0,319	FALSE
0,017	0,280	-0,002	0,012	0,053	FALSE
-0,014	0,291	-0,002	0,012	0,054	FALSE
0,135	0,278	0,003	0,006	0,170	FALSE
0,123	0,278	0,003	0,007	0,157	FALSE
0,037	0,294	0,001	0,013	0,042	FALSE
-0,100	0,293	-0,003	0,008	0,151	FALSE
0,141	0,286	0,004	0,009	0,202	FALSE
-0,021	0,283	0,000	0,008	0,005	FALSE
0,065	0,305	0,001	0,007	0,073	FALSE
0,146	0,297	0,005	0,011	0,205	FALSE

-0,084	0,298	-0,002	0,007	0,100	FALSE
-0,018	0,291	0,000	0,007	0,020	FALSE
-0,162	0,280	-0,005	0,012	0,173	FALSE
0,008	0,296	0,003	0,013	0,076	FALSE
0,045	0,290	0,001	0,013	0,016	FALSE
0,001	0,303	0,000	0,013	0,000	FALSE
0,019	0,298	0,001	0,013	0,042	FALSE
-0,080	0,277	-0,001	0,009	0,033	FALSE
-0,038	0,268	0,000	0,010	0,017	FALSE
-0,007	0,299	-0,001	0,008	0,043	FALSE
-0,057	0,301	-0,001	0,007	0,056	FALSE
0,085	0,286	0,002	0,007	0,107	FALSE
-0,073	0,275	-0,003	0,007	0,138	FALSE
0,072	0,293	0,002	0,010	0,089	FALSE
0,084	0,280	0,002	0,010	0,061	FALSE
0,091	0,297	0,002	0,010	0,067	FALSE
-0,126	0,293	-0,006	0,013	0,187	FALSE
0,022	0,288	0,001	0,006	0,043	FALSE
0,082	0,270	0,003	0,011	0,126	FALSE
-0,019	0,283	-0,002	0,013	0,049	FALSE
0,092	0,283	0,004	0,011	0,133	FALSE
0,153	0,270	0,007	0,011	0,249	FALSE
-0,022	0,281	0,000	0,011	0,004	FALSE
-0,012	0,290	0,002	0,012	0,048	FALSE
0,103	0,288	0,004	0,013	0,126	FALSE
0,035	0,270	0,000	0,009	0,007	FALSE
-0,040	0,293	-0,002	0,009	0,080	FALSE
0,020	0,299	0,000	0,012	0,000	FALSE
0,038	0,297	0,001	0,013	0,026	FALSE
-0,054	0,284	-0,002	0,012	0,059	FALSE
0,027	0,279	0,001	0,012	0,038	FALSE
-0,011	0,274	0,000	0,007	0,003	FALSE
-0,058	0,283	0,000	0,013	0,004	FALSE
-0,011	0,278	0,002	0,011	0,053	FALSE
0,050	0,286	0,002	0,009	0,105	FALSE
-0,089	0,281	-0,003	0,009	0,110	FALSE
0,033	0,288	0,000	0,006	0,009	FALSE
0,079	0,300	0,003	0,012	0,087	FALSE
0,128	0,291	0,005	0,011	0,172	FALSE
-0,034	0,280	-0,001	0,011	0,046	FALSE
-0,088	0,275	-0,003	0,009	0,131	FALSE
-0,022	0,281	0,000	0,009	0,019	FALSE
0,107	0,288	0,001	0,006	0,086	FALSE
-0,077	0,277	-0,002	0,008	0,079	FALSE
0,035	0,301	0,002	0,007	0,101	FALSE
-0,034	0,287	-0,001	0,008	0,066	FALSE
-0,059	0,286	-0,003	0,011	0,126	FALSE
-0,011	0,297	-0,002	0,013	0,058	FALSE
0,062	0,305	0,002	0,010	0,065	FALSE
0,030	0,295	0,001	0,008	0,066	FALSE
0,000	0,290	0,000	0,007	0,009	FALSE
0,025	0,303	0,000	0,010	0,010	FALSE
-0,052	0,281	-0,001	0,007	0,049	FALSE

0,078	0,290	0,001	0,008	0,061	FALSE
0,071	0,291	0,004	0,011	0,131	FALSE
-0,002	0,292	0,000	0,010	0,010	FALSE
0,063	0,280	0,002	0,010	0,066	FALSE
0,003	0,296	-0,001	0,010	0,031	FALSE
-0,024	0,284	-0,001	0,008	0,057	FALSE
0,139	0,278	0,002	0,011	0,079	FALSE
0,035	0,291	-0,001	0,009	0,030	FALSE
0,204	0,297	0,004	0,007	0,292	FALSE
-0,053	0,290	-0,001	0,009	0,061	FALSE
0,091	0,295	0,002	0,010	0,079	FALSE
0,102	0,289	0,003	0,009	0,110	FALSE
0,062	0,295	0,001	0,009	0,055	FALSE
-0,032	0,285	-0,001	0,012	0,036	FALSE
-0,016	0,307	-0,001	0,013	0,017	FALSE
0,028	0,302	0,000	0,013	0,012	FALSE
0,012	0,277	-0,002	0,007	0,120	FALSE
-0,003	0,290	-0,001	0,010	0,032	FALSE
0,074	0,301	0,003	0,012	0,085	FALSE
0,013	0,286	0,001	0,012	0,025	FALSE
0,011	0,290	-0,001	0,006	0,052	FALSE
0,015	0,291	0,000	0,008	0,009	FALSE
-0,016	0,291	-0,001	0,007	0,056	FALSE
0,077	0,282	0,003	0,013	0,094	FALSE
0,061	0,288	0,002	0,007	0,082	FALSE
0,090	0,292	0,006	0,013	0,201	FALSE
-0,003	0,285	-0,002	0,010	0,066	FALSE
0,152	0,291	0,005	0,010	0,215	FALSE
0,053	0,286	0,001	0,010	0,021	FALSE
0,095	0,279	0,002	0,009	0,092	FALSE
0,043	0,280	0,002	0,008	0,120	FALSE
-0,052	0,298	-0,003	0,013	0,104	FALSE
0,068	0,291	0,002	0,011	0,066	FALSE
-0,084	0,283	-0,002	0,009	0,102	FALSE
-0,077	0,287	-0,002	0,009	0,101	FALSE
0,125	0,290	0,004	0,011	0,144	FALSE
0,053	0,294	0,001	0,008	0,071	FALSE
0,046	0,279	0,004	0,012	0,146	FALSE
0,109	0,280	0,001	0,010	0,031	FALSE
0,066	0,294	0,002	0,010	0,061	FALSE
0,184	0,297	0,003	0,007	0,195	FALSE
-0,067	0,294	-0,003	0,009	0,128	FALSE
-0,074	0,290	-0,001	0,008	0,032	FALSE
0,073	0,285	0,002	0,013	0,058	FALSE
0,034	0,296	0,002	0,011	0,074	FALSE
-0,008	0,282	0,000	0,010	0,011	FALSE
0,050	0,288	0,001	0,009	0,046	FALSE
-0,009	0,299	-0,001	0,009	0,031	FALSE
0,017	0,281	0,000	0,009	0,009	FALSE
0,043	0,293	0,000	0,007	0,005	FALSE
0,061	0,293	0,000	0,011	0,004	FALSE
-0,006	0,283	-0,002	0,012	0,079	FALSE
0,079	0,286	0,005	0,013	0,168	FALSE

-0,068	0,282	0,001	0,011	0,022	FALSE
0,024	0,281	0,000	0,012	0,008	FALSE
-0,048	0,284	0,000	0,009	0,001	FALSE
-0,130	0,281	-0,007	0,012	0,240	FALSE
-0,106	0,284	-0,006	0,012	0,202	FALSE
-0,050	0,294	-0,001	0,006	0,070	FALSE
-0,064	0,295	-0,002	0,009	0,078	FALSE
0,127	0,275	0,004	0,007	0,220	FALSE
0,068	0,285	0,003	0,012	0,097	FALSE
-0,052	0,287	-0,001	0,007	0,058	FALSE
-0,017	0,297	0,000	0,007	0,024	FALSE
-0,014	0,285	-0,001	0,008	0,047	FALSE
-0,143	0,294	-0,004	0,010	0,163	FALSE
-0,060	0,293	-0,002	0,011	0,059	FALSE
-0,028	0,299	0,000	0,008	0,013	FALSE
0,009	0,300	0,000	0,012	0,001	FALSE
0,044	0,286	0,003	0,012	0,088	FALSE
-0,017	0,305	-0,001	0,012	0,025	FALSE
0,011	0,302	0,001	0,012	0,019	FALSE
0,015	0,319	0,001	0,013	0,026	FALSE
-0,049	0,295	0,000	0,010	0,012	FALSE
-0,099	0,299	-0,004	0,010	0,156	FALSE
0,020	0,294	0,001	0,007	0,055	FALSE
0,181	0,270	0,004	0,009	0,206	FALSE
0,158	0,288	0,003	0,009	0,137	FALSE
0,078	0,285	0,004	0,012	0,145	FALSE
0,073	0,289	0,003	0,009	0,161	FALSE
-0,009	0,279	0,000	0,007	0,011	FALSE
0,112	0,289	0,004	0,010	0,173	FALSE
-0,134	0,288	-0,005	0,012	0,172	FALSE
-0,087	0,288	-0,003	0,010	0,115	FALSE
-0,133	0,279	-0,004	0,008	0,215	FALSE
0,163	0,274	0,003	0,009	0,133	FALSE
-0,070	0,285	-0,003	0,010	0,111	FALSE
0,073	0,284	0,002	0,009	0,079	FALSE
0,131	0,275	0,003	0,007	0,157	FALSE
0,132	0,279	0,003	0,007	0,162	FALSE
0,028	0,285	0,000	0,012	0,013	FALSE
0,033	0,286	0,001	0,008	0,053	FALSE
0,099	0,309	0,001	0,007	0,063	FALSE
-0,058	0,296	-0,002	0,009	0,092	FALSE
0,012	0,281	0,000	0,006	0,006	FALSE
0,030	0,290	0,001	0,009	0,053	FALSE
-0,070	0,292	-0,003	0,010	0,114	FALSE
0,074	0,275	0,002	0,013	0,044	FALSE
-0,031	0,294	-0,001	0,008	0,040	FALSE
0,096	0,290	0,002	0,012	0,049	FALSE
0,034	0,289	0,000	0,009	0,001	FALSE
0,063	0,299	0,002	0,007	0,105	FALSE
0,001	0,295	-0,002	0,012	0,052	FALSE
0,063	0,295	0,001	0,007	0,051	FALSE
0,123	0,294	0,004	0,007	0,235	FALSE
-0,062	0,279	-0,002	0,011	0,076	FALSE

0,002	0,299	0,000	0,008	0,021	FALSE
-0,086	0,293	-0,002	0,007	0,092	FALSE
0,137	0,294	0,002	0,008	0,089	FALSE
0,069	0,292	0,002	0,007	0,097	FALSE
-0,048	0,285	0,000	0,007	0,019	FALSE
-0,069	0,296	-0,002	0,013	0,064	FALSE
-0,025	0,283	0,000	0,012	0,001	FALSE
-0,011	0,283	-0,001	0,012	0,018	FALSE
0,046	0,304	0,001	0,012	0,035	FALSE
-0,004	0,289	0,000	0,007	0,002	FALSE
-0,180	0,271	-0,006	0,009	0,303	FALSE
0,049	0,272	0,002	0,009	0,064	FALSE
0,037	0,287	0,000	0,007	0,018	FALSE
0,015	0,295	0,000	0,006	0,015	FALSE
-0,003	0,290	0,000	0,009	0,016	FALSE
0,017	0,290	0,002	0,012	0,064	FALSE
0,074	0,293	0,002	0,011	0,051	FALSE
0,038	0,295	0,002	0,008	0,095	FALSE
0,040	0,287	0,001	0,009	0,022	FALSE
-0,145	0,297	-0,005	0,011	0,202	FALSE
-0,127	0,288	-0,003	0,007	0,152	FALSE
-0,047	0,301	-0,001	0,007	0,045	FALSE
0,019	0,299	0,002	0,013	0,055	FALSE
0,077	0,288	0,002	0,008	0,110	FALSE
0,219	0,274	0,007	0,010	0,322	FALSE
0,120	0,302	0,005	0,013	0,173	FALSE
-0,152	0,297	-0,004	0,009	0,193	FALSE
0,009	0,276	0,002	0,009	0,080	FALSE
0,105	0,283	0,002	0,007	0,119	FALSE
0,006	0,288	-0,002	0,007	0,091	FALSE
0,077	0,292	0,001	0,007	0,077	FALSE
0,077	0,307	0,002	0,007	0,117	FALSE
-0,030	0,285	0,000	0,007	0,018	FALSE
0,011	0,309	0,000	0,009	0,019	FALSE
-0,034	0,301	-0,001	0,010	0,028	FALSE
0,048	0,284	0,000	0,008	0,016	FALSE
0,088	0,296	0,002	0,008	0,113	FALSE
-0,029	0,283	-0,001	0,009	0,053	FALSE
0,111	0,292	0,002	0,007	0,115	FALSE
-0,026	0,288	-0,002	0,011	0,059	FALSE
-0,064	0,286	-0,002	0,011	0,052	FALSE
-0,118	0,286	-0,003	0,008	0,173	FALSE
0,028	0,297	0,000	0,008	0,013	FALSE
0,030	0,289	0,001	0,006	0,066	FALSE
0,069	0,276	0,003	0,012	0,104	FALSE
0,107	0,276	0,006	0,010	0,256	FALSE
-0,132	0,285	-0,003	0,006	0,183	FALSE
-0,080	0,287	-0,004	0,013	0,136	FALSE
0,061	0,276	0,003	0,010	0,098	FALSE
-0,113	0,271	-0,007	0,012	0,230	FALSE
0,019	0,276	0,000	0,007	0,025	FALSE
-0,066	0,291	-0,003	0,009	0,118	FALSE
-0,042	0,293	-0,002	0,010	0,063	FALSE

-0,073	0,302	-0,003	0,010	0,116	FALSE
-0,028	0,286	-0,002	0,010	0,072	FALSE
0,003	0,288	0,000	0,013	0,012	FALSE
-0,063	0,287	-0,003	0,009	0,130	FALSE
0,072	0,292	0,003	0,010	0,112	FALSE
-0,124	0,295	-0,004	0,012	0,132	FALSE
-0,084	0,292	-0,002	0,012	0,075	FALSE
0,034	0,290	0,001	0,007	0,063	FALSE
-0,095	0,280	-0,002	0,009	0,093	FALSE
0,051	0,293	0,001	0,009	0,042	FALSE
0,046	0,296	0,001	0,007	0,040	FALSE
0,083	0,281	0,002	0,007	0,105	FALSE
0,000	0,281	0,000	0,012	0,004	FALSE
0,120	0,288	0,002	0,011	0,069	FALSE
0,085	0,304	0,002	0,006	0,094	FALSE
0,084	0,298	0,002	0,013	0,072	FALSE
0,106	0,282	0,005	0,010	0,205	FALSE
0,097	0,295	0,003	0,008	0,165	FALSE
0,057	0,286	0,002	0,012	0,047	FALSE
0,079	0,283	0,003	0,006	0,166	FALSE
0,024	0,309	0,000	0,012	0,009	FALSE
0,082	0,301	0,004	0,012	0,127	FALSE
0,055	0,285	0,001	0,011	0,036	FALSE
-0,074	0,297	-0,005	0,012	0,146	FALSE
-0,069	0,297	-0,001	0,007	0,056	FALSE
0,016	0,295	-0,002	0,011	0,053	FALSE
0,037	0,297	0,001	0,010	0,036	FALSE
-0,018	0,286	-0,002	0,010	0,056	FALSE
-0,085	0,270	-0,002	0,006	0,113	FALSE
0,127	0,275	0,005	0,011	0,174	FALSE
-0,004	0,298	0,000	0,007	0,018	FALSE
-0,070	0,291	0,000	0,010	0,014	FALSE
-0,052	0,297	-0,001	0,012	0,031	FALSE
-0,001	0,297	0,000	0,008	0,012	FALSE
0,128	0,284	0,004	0,009	0,182	FALSE
-0,131	0,309	-0,006	0,012	0,221	FALSE
-0,139	0,281	-0,007	0,012	0,247	FALSE
-0,153	0,286	-0,008	0,013	0,258	FALSE
0,273	0,275	0,007	0,008	0,375	FALSE
0,037	0,291	-0,001	0,007	0,031	FALSE
-0,070	0,299	-0,002	0,013	0,072	FALSE
0,101	0,292	0,002	0,006	0,136	FALSE
-0,085	0,290	-0,002	0,007	0,120	FALSE
0,151	0,280	0,004	0,008	0,209	FALSE
-0,044	0,295	-0,003	0,009	0,131	FALSE
0,096	0,311	0,002	0,008	0,068	FALSE
-0,057	0,300	-0,001	0,007	0,061	FALSE
0,010	0,283	-0,001	0,013	0,016	FALSE
0,033	0,290	0,000	0,013	0,013	FALSE
0,051	0,291	0,001	0,013	0,030	FALSE
-0,027	0,301	-0,001	0,007	0,060	FALSE
-0,008	0,297	-0,002	0,011	0,053	FALSE
0,094	0,281	0,006	0,012	0,207	FALSE

-0,085	0,280	-0,002	0,009	0,077	FALSE
-0,062	0,303	-0,003	0,013	0,096	FALSE
0,049	0,278	0,001	0,007	0,052	FALSE
0,045	0,298	0,001	0,007	0,042	FALSE
0,114	0,303	0,002	0,007	0,126	FALSE
-0,225	0,263	-0,006	0,008	0,317	FALSE
0,084	0,285	0,001	0,012	0,043	FALSE
0,000	0,276	-0,001	0,009	0,039	FALSE
-0,139	0,274	-0,005	0,009	0,229	FALSE
0,088	0,285	0,002	0,007	0,102	FALSE
-0,063	0,298	-0,002	0,008	0,091	FALSE
0,101	0,281	0,001	0,007	0,066	FALSE
-0,146	0,281	-0,003	0,007	0,197	FALSE
-0,072	0,298	0,000	0,011	0,003	FALSE
-0,091	0,297	-0,003	0,013	0,101	FALSE
-0,022	0,289	-0,001	0,006	0,032	FALSE
-0,021	0,286	0,000	0,008	0,013	FALSE
-0,065	0,301	-0,001	0,008	0,040	FALSE
0,192	0,290	0,007	0,011	0,258	FALSE
0,032	0,289	0,000	0,009	0,015	FALSE
-0,159	0,285	-0,006	0,010	0,256	FALSE
0,012	0,273	0,000	0,010	0,002	FALSE
0,040	0,288	0,001	0,006	0,079	FALSE
0,101	0,277	0,004	0,010	0,152	FALSE
-0,046	0,308	-0,001	0,009	0,045	FALSE
0,082	0,293	0,003	0,011	0,091	FALSE
-0,045	0,292	-0,002	0,012	0,050	FALSE
0,037	0,285	0,001	0,012	0,034	FALSE
-0,056	0,285	-0,002	0,013	0,059	FALSE
-0,154	0,281	-0,008	0,012	0,282	FALSE
0,077	0,287	0,003	0,011	0,088	FALSE
0,050	0,281	0,002	0,013	0,070	FALSE
-0,140	0,275	-0,002	0,008	0,124	FALSE
-0,157	0,279	-0,005	0,009	0,206	FALSE
-0,024	0,293	-0,002	0,013	0,060	FALSE
-0,101	0,291	-0,002	0,007	0,095	FALSE
0,119	0,283	0,003	0,006	0,223	FALSE
0,160	0,292	0,006	0,013	0,176	FALSE
-0,067	0,289	-0,001	0,012	0,038	FALSE
0,135	0,280	0,002	0,008	0,121	FALSE
-0,002	0,298	0,000	0,010	0,014	FALSE
-0,008	0,290	0,000	0,007	0,002	FALSE
-0,021	0,256	-0,001	0,012	0,043	FALSE
-0,078	0,292	-0,003	0,011	0,122	FALSE
-0,144	0,290	-0,003	0,008	0,165	FALSE
0,093	0,296	0,001	0,007	0,072	FALSE
-0,042	0,298	-0,001	0,009	0,051	FALSE
0,038	0,300	0,003	0,013	0,098	FALSE
0,019	0,299	0,001	0,007	0,032	FALSE
-0,032	0,292	-0,001	0,008	0,048	FALSE
-0,136	0,289	-0,004	0,010	0,182	FALSE
-0,024	0,294	-0,001	0,007	0,041	FALSE
-0,059	0,291	-0,002	0,009	0,089	FALSE

-0,057	0,292	-0,001	0,010	0,043	FALSE
0,076	0,294	0,004	0,013	0,110	FALSE
0,004	0,284	0,001	0,007	0,065	FALSE
-0,118	0,289	-0,003	0,013	0,087	FALSE
0,004	0,285	-0,001	0,007	0,030	FALSE
0,025	0,283	0,001	0,007	0,030	FALSE
-0,009	0,290	0,001	0,012	0,042	FALSE
-0,082	0,286	-0,002	0,007	0,106	FALSE
-0,036	0,282	0,000	0,011	0,010	FALSE
0,173	0,287	0,006	0,009	0,267	FALSE
-0,109	0,309	-0,003	0,009	0,124	FALSE
-0,008	0,295	0,000	0,012	0,007	FALSE
0,124	0,295	0,002	0,008	0,098	FALSE
-0,071	0,281	-0,002	0,006	0,137	FALSE
-0,038	0,288	-0,001	0,009	0,021	FALSE
-0,036	0,291	0,000	0,009	0,010	FALSE
0,060	0,295	0,002	0,008	0,108	FALSE
-0,090	0,289	-0,002	0,008	0,081	FALSE
0,114	0,294	0,003	0,006	0,193	FALSE
0,011	0,290	-0,001	0,013	0,031	FALSE
-0,008	0,294	-0,002	0,013	0,056	FALSE
-0,061	0,291	-0,001	0,011	0,022	FALSE
-0,070	0,287	-0,002	0,012	0,056	FALSE
0,031	0,290	0,000	0,011	0,002	FALSE
-0,109	0,287	-0,003	0,013	0,084	FALSE
0,055	0,281	0,001	0,012	0,019	FALSE
0,086	0,291	0,002	0,011	0,063	FALSE
0,071	0,307	0,001	0,010	0,035	FALSE
0,078	0,291	0,001	0,008	0,069	FALSE
-0,123	0,278	-0,005	0,008	0,245	FALSE
-0,008	0,294	0,001	0,009	0,023	FALSE
0,009	0,295	0,000	0,009	0,016	FALSE
-0,035	0,287	-0,001	0,006	0,047	FALSE
0,096	0,283	0,002	0,010	0,072	FALSE
0,009	0,276	-0,002	0,009	0,094	FALSE
-0,053	0,282	-0,003	0,008	0,153	FALSE
-0,067	0,278	-0,006	0,012	0,212	FALSE
-0,046	0,284	-0,002	0,010	0,084	FALSE
-0,058	0,276	-0,002	0,009	0,098	FALSE
-0,044	0,291	-0,002	0,009	0,063	FALSE
0,029	0,284	-0,002	0,009	0,070	FALSE
0,017	0,292	0,001	0,010	0,035	FALSE
0,085	0,292	0,003	0,011	0,110	FALSE
0,030	0,303	0,003	0,013	0,081	FALSE
0,084	0,293	0,002	0,008	0,075	FALSE
-0,056	0,292	-0,002	0,009	0,070	FALSE
-0,002	0,291	0,000	0,007	0,007	FALSE
0,081	0,280	0,001	0,011	0,023	FALSE
0,049	0,291	0,000	0,010	0,014	FALSE
0,099	0,294	0,003	0,009	0,139	FALSE
0,080	0,290	0,003	0,010	0,106	FALSE
0,036	0,279	0,000	0,008	0,014	FALSE
-0,029	0,287	-0,001	0,010	0,026	FALSE

0,088	0,263	0,008	0,013	0,278	FALSE
-0,104	0,288	-0,003	0,010	0,107	FALSE
-0,068	0,287	-0,003	0,007	0,147	FALSE
0,119	0,270	0,003	0,006	0,227	FALSE
-0,022	0,281	-0,001	0,006	0,056	FALSE
-0,151	0,284	-0,006	0,010	0,267	FALSE
-0,116	0,290	-0,006	0,012	0,224	FALSE
-0,007	0,296	0,002	0,013	0,057	FALSE
-0,017	0,287	0,000	0,008	0,001	FALSE
0,044	0,294	0,001	0,008	0,059	FALSE
0,047	0,296	0,002	0,010	0,067	FALSE
-0,182	0,272	-0,008	0,012	0,288	FALSE
-0,161	0,282	-0,004	0,010	0,174	FALSE
-0,114	0,273	-0,002	0,010	0,079	FALSE
0,027	0,288	0,001	0,007	0,066	FALSE
0,011	0,292	0,001	0,009	0,038	FALSE
0,006	0,302	0,000	0,008	0,011	FALSE
0,117	0,280	0,006	0,011	0,247	FALSE
0,069	0,283	0,003	0,011	0,116	FALSE
0,132	0,285	0,005	0,011	0,196	FALSE
0,064	0,308	0,001	0,010	0,056	FALSE
0,032	0,291	0,002	0,008	0,122	FALSE
0,045	0,288	0,002	0,007	0,129	FALSE
0,083	0,284	0,003	0,007	0,203	FALSE
0,028	0,302	0,000	0,008	0,003	FALSE
-0,108	0,286	-0,002	0,008	0,081	FALSE
-0,098	0,279	-0,003	0,007	0,206	FALSE
0,139	0,289	0,005	0,012	0,178	FALSE
0,069	0,292	0,003	0,009	0,113	FALSE
-0,034	0,304	-0,002	0,011	0,053	FALSE
0,069	0,289	0,002	0,009	0,106	FALSE
-0,070	0,290	-0,003	0,008	0,138	FALSE
-0,056	0,289	-0,002	0,008	0,120	FALSE
0,108	0,297	0,004	0,012	0,137	FALSE
-0,033	0,291	-0,001	0,012	0,031	FALSE
-0,157	0,281	-0,004	0,009	0,171	FALSE
0,045	0,296	0,001	0,007	0,078	FALSE
0,003	0,295	0,000	0,012	0,014	FALSE
0,163	0,278	0,004	0,007	0,259	FALSE
-0,058	0,294	-0,001	0,007	0,058	FALSE
0,210	0,289	0,003	0,007	0,223	FALSE
0,215	0,277	0,004	0,006	0,258	FALSE
-0,050	0,285	-0,002	0,007	0,076	FALSE
-0,033	0,282	-0,001	0,011	0,022	FALSE
-0,015	0,286	0,000	0,011	0,014	FALSE
-0,011	0,299	0,000	0,012	0,005	FALSE
0,028	0,288	0,000	0,008	0,002	FALSE
-0,218	0,283	-0,008	0,012	0,288	FALSE
-0,137	0,290	-0,003	0,008	0,171	FALSE
-0,086	0,287	-0,003	0,011	0,122	FALSE
-0,040	0,304	-0,001	0,008	0,067	FALSE
-0,023	0,298	-0,001	0,007	0,040	FALSE
-0,065	0,287	0,000	0,008	0,014	FALSE

-0,195	0,276	-0,005	0,009	0,237	FALSE
-0,001	0,294	0,000	0,006	0,020	FALSE
0,020	0,295	0,001	0,009	0,028	FALSE
-0,002	0,297	0,001	0,008	0,052	FALSE
-0,002	0,294	0,000	0,009	0,010	FALSE
-0,237	0,288	-0,006	0,009	0,272	FALSE
-0,065	0,285	-0,003	0,011	0,097	FALSE
-0,048	0,286	-0,002	0,011	0,058	FALSE
-0,141	0,281	-0,004	0,010	0,171	FALSE
-0,058	0,289	0,000	0,011	0,013	FALSE
-0,124	0,274	-0,003	0,011	0,089	FALSE
0,037	0,295	0,000	0,012	0,011	FALSE
-0,054	0,305	-0,002	0,008	0,116	FALSE
-0,129	0,267	-0,006	0,010	0,231	FALSE
-0,110	0,293	-0,005	0,011	0,189	FALSE
0,147	0,296	0,006	0,013	0,178	FALSE
-0,001	0,283	0,000	0,007	0,007	FALSE
0,079	0,295	0,002	0,010	0,086	FALSE
0,077	0,305	0,003	0,013	0,107	FALSE
-0,101	0,301	-0,005	0,013	0,141	FALSE
-0,135	0,298	-0,006	0,013	0,186	FALSE
-0,170	0,274	-0,004	0,010	0,182	FALSE
-0,092	0,295	-0,004	0,013	0,130	FALSE
-0,178	0,278	-0,005	0,010	0,202	FALSE
0,064	0,274	0,001	0,010	0,032	FALSE
0,130	0,288	0,007	0,012	0,236	FALSE
0,067	0,292	0,004	0,012	0,126	FALSE
-0,117	0,291	-0,002	0,006	0,098	FALSE
-0,049	0,278	-0,002	0,010	0,078	FALSE
-0,064	0,292	0,000	0,012	0,009	FALSE
-0,004	0,296	0,000	0,008	0,016	FALSE
-0,047	0,302	-0,001	0,008	0,037	FALSE
-0,041	0,298	0,000	0,007	0,025	FALSE
0,080	0,285	0,002	0,010	0,084	FALSE
0,051	0,285	0,000	0,007	0,002	FALSE
0,015	0,303	0,001	0,008	0,030	FALSE
-0,040	0,279	-0,002	0,007	0,082	FALSE
-0,064	0,301	-0,002	0,013	0,059	FALSE
-0,170	0,269	-0,004	0,007	0,225	FALSE
0,009	0,288	0,000	0,007	0,007	FALSE
0,061	0,292	0,002	0,007	0,111	FALSE
-0,012	0,284	0,000	0,011	0,000	FALSE
0,018	0,308	0,001	0,013	0,030	FALSE
-0,003	0,315	0,000	0,013	0,001	FALSE
0,047	0,310	0,002	0,013	0,054	FALSE
0,062	0,290	0,002	0,006	0,137	FALSE
0,067	0,292	0,002	0,006	0,138	FALSE
-0,017	0,300	0,000	0,007	0,020	FALSE
-0,138	0,294	-0,005	0,010	0,210	FALSE
0,084	0,290	0,004	0,009	0,189	FALSE
-0,102	0,287	-0,005	0,009	0,206	FALSE
0,110	0,280	0,003	0,008	0,135	FALSE
0,042	0,282	0,002	0,012	0,070	FALSE

0,016	0,283	0,000	0,011	0,013	FALSE
-0,029	0,294	-0,002	0,013	0,053	FALSE
-0,033	0,292	-0,002	0,012	0,055	FALSE
0,059	0,299	0,002	0,012	0,074	FALSE
0,075	0,278	0,003	0,010	0,130	FALSE
0,077	0,282	0,003	0,010	0,120	FALSE
-0,016	0,274	-0,001	0,010	0,041	FALSE
-0,018	0,288	-0,002	0,010	0,057	FALSE
0,078	0,303	0,002	0,007	0,102	FALSE
-0,038	0,289	-0,001	0,007	0,039	FALSE
-0,033	0,290	-0,001	0,006	0,041	FALSE
-0,035	0,299	-0,001	0,012	0,026	FALSE
-0,075	0,290	-0,002	0,009	0,062	FALSE
0,121	0,281	0,003	0,009	0,144	FALSE
-0,066	0,294	-0,002	0,007	0,134	FALSE
0,004	0,281	-0,002	0,011	0,087	FALSE
0,072	0,280	0,001	0,012	0,029	FALSE
0,071	0,270	0,002	0,010	0,086	FALSE
-0,001	0,304	0,000	0,013	0,011	FALSE
0,084	0,278	0,003	0,011	0,124	FALSE
0,012	0,302	-0,001	0,012	0,018	FALSE
0,010	0,286	-0,001	0,012	0,024	FALSE
-0,052	0,301	0,000	0,007	0,010	FALSE
0,016	0,305	0,000	0,012	0,010	FALSE
0,092	0,285	0,003	0,013	0,091	FALSE
0,142	0,300	0,004	0,012	0,134	FALSE
0,134	0,296	0,003	0,013	0,097	FALSE
0,026	0,303	0,001	0,009	0,031	FALSE
-0,106	0,286	-0,004	0,012	0,127	FALSE
-0,015	0,295	0,000	0,008	0,002	FALSE
-0,122	0,279	-0,003	0,007	0,150	FALSE
0,091	0,294	0,000	0,008	0,018	FALSE
0,022	0,299	-0,002	0,013	0,051	FALSE
0,098	0,289	0,001	0,008	0,036	FALSE
0,025	0,279	-0,002	0,010	0,057	FALSE
-0,132	0,285	-0,004	0,013	0,134	FALSE
-0,037	0,282	-0,002	0,011	0,052	FALSE
-0,109	0,283	-0,001	0,007	0,083	FALSE
-0,070	0,306	-0,002	0,009	0,078	FALSE
0,028	0,291	0,002	0,010	0,074	FALSE
0,029	0,290	0,001	0,007	0,038	FALSE
0,087	0,293	0,004	0,012	0,135	FALSE
-0,012	0,290	-0,001	0,007	0,042	FALSE
0,065	0,286	0,002	0,006	0,148	FALSE
0,051	0,299	0,002	0,007	0,113	FALSE
0,062	0,281	0,003	0,010	0,117	FALSE
-0,013	0,302	0,000	0,012	0,014	FALSE
0,065	0,299	0,003	0,013	0,084	FALSE
-0,018	0,291	-0,001	0,008	0,061	FALSE
-0,055	0,304	0,000	0,011	0,015	FALSE
0,011	0,293	0,001	0,008	0,051	FALSE
0,031	0,288	0,001	0,010	0,019	FALSE
0,031	0,287	0,001	0,009	0,021	FALSE

-0,062	0,289	-0,001	0,009	0,050	FALSE
0,023	0,284	0,000	0,007	0,000	FALSE
-0,042	0,295	-0,003	0,011	0,097	FALSE
-0,095	0,280	-0,001	0,007	0,044	FALSE
-0,079	0,285	-0,002	0,009	0,093	FALSE
0,000	0,303	0,000	0,008	0,000	FALSE
0,040	0,296	0,000	0,008	0,001	FALSE
0,035	0,296	0,001	0,011	0,037	FALSE
0,016	0,287	0,000	0,009	0,010	FALSE
-0,056	0,276	-0,002	0,012	0,079	FALSE
0,087	0,290	0,002	0,007	0,124	FALSE
0,057	0,298	0,002	0,007	0,114	FALSE
0,095	0,286	0,003	0,009	0,144	FALSE
0,024	0,291	0,001	0,009	0,037	FALSE
-0,035	0,306	-0,001	0,011	0,027	FALSE
0,038	0,284	0,001	0,009	0,048	FALSE
0,061	0,294	0,001	0,012	0,016	FALSE
-0,091	0,293	-0,004	0,013	0,130	FALSE
0,106	0,291	0,002	0,007	0,115	FALSE
-0,007	0,285	0,001	0,010	0,028	FALSE
0,139	0,291	0,003	0,008	0,133	FALSE
-0,013	0,288	-0,001	0,009	0,023	FALSE
-0,059	0,292	-0,001	0,009	0,036	FALSE
-0,172	0,292	-0,005	0,012	0,193	FALSE
0,098	0,280	0,003	0,013	0,078	FALSE
0,126	0,282	0,003	0,006	0,166	FALSE
-0,012	0,300	0,000	0,011	0,001	FALSE
-0,199	0,286	-0,005	0,008	0,250	FALSE
-0,207	0,273	-0,005	0,008	0,286	FALSE
0,147	0,282	0,004	0,012	0,143	FALSE
0,051	0,294	0,001	0,007	0,048	FALSE
-0,152	0,267	-0,003	0,007	0,213	FALSE
-0,089	0,291	-0,003	0,013	0,091	FALSE
-0,042	0,292	-0,001	0,007	0,038	FALSE
-0,065	0,278	-0,002	0,013	0,059	FALSE
0,036	0,303	0,002	0,010	0,090	FALSE
-0,023	0,281	-0,002	0,008	0,073	FALSE
0,019	0,298	-0,001	0,013	0,021	FALSE
0,003	0,299	-0,001	0,013	0,020	FALSE
0,135	0,295	0,002	0,008	0,112	FALSE
0,056	0,283	0,002	0,007	0,138	FALSE
-0,103	0,275	-0,004	0,012	0,114	FALSE
-0,016	0,291	-0,002	0,011	0,073	FALSE
-0,033	0,283	0,000	0,011	0,003	FALSE
0,038	0,285	0,001	0,007	0,053	FALSE
-0,019	0,286	0,000	0,008	0,017	FALSE
0,069	0,282	0,002	0,008	0,117	FALSE
0,023	0,293	0,000	0,009	0,005	FALSE
0,068	0,283	0,000	0,011	0,014	FALSE
-0,011	0,284	0,000	0,007	0,019	FALSE
-0,015	0,289	0,000	0,007	0,016	FALSE
0,013	0,291	-0,002	0,007	0,103	FALSE
0,029	0,295	0,001	0,007	0,073	FALSE

0,043	0,298	0,001	0,007	0,033	FALSE
-0,026	0,288	0,000	0,010	0,002	FALSE
0,011	0,304	0,001	0,008	0,044	FALSE
-0,057	0,275	-0,003	0,006	0,169	FALSE
-0,019	0,287	-0,001	0,012	0,041	FALSE
0,001	0,274	-0,002	0,007	0,105	FALSE
-0,023	0,289	-0,001	0,007	0,028	FALSE
0,075	0,300	0,002	0,007	0,111	FALSE
-0,136	0,269	-0,003	0,006	0,194	FALSE
0,029	0,285	0,000	0,007	0,004	FALSE
-0,075	0,281	-0,001	0,008	0,062	FALSE
-0,117	0,289	-0,003	0,007	0,177	FALSE
-0,060	0,277	-0,002	0,006	0,096	FALSE
-0,013	0,290	-0,001	0,007	0,051	FALSE
-0,070	0,286	-0,001	0,007	0,070	FALSE
0,091	0,290	0,003	0,009	0,135	FALSE
0,016	0,295	0,001	0,010	0,057	FALSE
-0,038	0,283	0,000	0,008	0,017	FALSE
-0,198	0,285	-0,008	0,012	0,290	FALSE
-0,157	0,289	-0,005	0,013	0,168	FALSE
0,148	0,286	0,002	0,007	0,135	FALSE
0,089	0,283	0,002	0,009	0,073	FALSE
-0,131	0,285	-0,003	0,007	0,181	FALSE
-0,032	0,278	-0,001	0,011	0,024	FALSE
0,066	0,284	0,002	0,006	0,118	FALSE
0,176	0,282	0,005	0,011	0,199	FALSE
-0,051	0,300	-0,001	0,007	0,068	FALSE
-0,069	0,289	-0,002	0,007	0,085	FALSE
-0,061	0,294	-0,001	0,007	0,065	FALSE
-0,046	0,292	-0,002	0,008	0,111	FALSE
-0,084	0,287	-0,001	0,013	0,029	FALSE
-0,095	0,293	-0,002	0,013	0,049	FALSE
-0,008	0,279	0,001	0,006	0,033	FALSE
0,087	0,297	0,002	0,012	0,054	FALSE
0,003	0,285	0,000	0,007	0,019	FALSE
-0,027	0,300	0,000	0,009	0,017	FALSE
-0,090	0,289	-0,002	0,008	0,120	FALSE
-0,086	0,288	-0,003	0,008	0,139	FALSE
-0,213	0,271	-0,006	0,008	0,372	FALSE
0,097	0,294	0,002	0,008	0,103	FALSE
-0,002	0,298	0,000	0,010	0,005	FALSE
0,034	0,291	0,002	0,012	0,060	FALSE
-0,068	0,295	-0,002	0,007	0,130	FALSE
0,036	0,291	0,000	0,009	0,015	FALSE
-0,005	0,300	0,000	0,007	0,006	FALSE
0,014	0,286	-0,001	0,007	0,044	FALSE
0,075	0,288	0,003	0,013	0,074	FALSE
0,015	0,306	0,000	0,008	0,023	FALSE
-0,051	0,301	-0,002	0,007	0,125	FALSE
0,074	0,284	0,001	0,007	0,052	FALSE
0,006	0,292	-0,001	0,012	0,032	FALSE
0,077	0,293	0,001	0,012	0,027	FALSE
-0,002	0,299	0,000	0,007	0,022	FALSE

0,070	0,289	0,000	0,009	0,010	FALSE
0,038	0,300	0,003	0,013	0,081	FALSE
0,061	0,287	0,000	0,010	0,015	FALSE
-0,022	0,285	-0,001	0,012	0,036	FALSE
-0,115	0,293	-0,003	0,007	0,150	FALSE
0,084	0,276	0,003	0,010	0,132	FALSE
0,178	0,276	0,003	0,006	0,230	FALSE
0,098	0,296	0,004	0,011	0,126	FALSE
-0,051	0,283	-0,001	0,011	0,043	FALSE
-0,030	0,280	-0,001	0,011	0,023	FALSE
0,051	0,285	0,003	0,010	0,106	FALSE
-0,022	0,291	0,000	0,009	0,019	FALSE
0,119	0,306	0,002	0,008	0,102	FALSE
0,092	0,283	0,002	0,008	0,077	FALSE
-0,041	0,288	-0,001	0,008	0,026	FALSE
0,152	0,300	0,007	0,014	0,204	FALSE
0,016	0,291	0,001	0,013	0,026	FALSE
0,006	0,286	-0,001	0,009	0,039	FALSE
0,017	0,293	-0,001	0,009	0,023	FALSE
0,115	0,287	0,003	0,009	0,138	FALSE
-0,065	0,283	-0,001	0,009	0,042	FALSE
-0,030	0,290	0,000	0,010	0,015	FALSE
-0,007	0,293	0,001	0,010	0,028	FALSE
-0,039	0,279	-0,001	0,007	0,061	FALSE
-0,053	0,287	-0,001	0,007	0,066	FALSE
0,039	0,286	0,002	0,007	0,085	FALSE
-0,086	0,296	-0,002	0,010	0,094	FALSE
0,160	0,277	0,004	0,010	0,174	FALSE
-0,113	0,291	-0,004	0,011	0,161	FALSE
0,018	0,293	0,001	0,011	0,018	FALSE
0,067	0,286	0,004	0,013	0,117	FALSE
0,110	0,287	0,003	0,009	0,139	FALSE
-0,064	0,279	-0,002	0,010	0,094	FALSE
0,004	0,284	0,000	0,009	0,003	FALSE
0,026	0,279	0,000	0,009	0,013	FALSE
-0,009	0,289	-0,001	0,008	0,054	FALSE
0,011	0,289	0,000	0,008	0,016	FALSE
0,040	0,285	0,001	0,009	0,022	FALSE
0,048	0,282	0,001	0,008	0,035	FALSE
0,001	0,311	0,000	0,013	0,001	FALSE
-0,200	0,298	-0,006	0,011	0,246	FALSE
-0,097	0,293	-0,002	0,007	0,115	FALSE
-0,134	0,283	-0,003	0,010	0,107	FALSE
0,101	0,279	0,003	0,006	0,189	FALSE
-0,032	0,286	-0,001	0,013	0,039	FALSE
0,134	0,285	0,006	0,009	0,292	FALSE
-0,061	0,287	-0,003	0,012	0,103	FALSE
0,118	0,296	0,003	0,006	0,188	FALSE
-0,152	0,286	-0,007	0,012	0,236	FALSE
-0,089	0,277	-0,001	0,007	0,057	FALSE
0,020	0,297	0,002	0,012	0,070	FALSE
-0,149	0,287	-0,007	0,013	0,252	FALSE
0,093	0,292	0,002	0,007	0,130	FALSE

0,105	0,284	0,002	0,007	0,127	FALSE
0,054	0,293	0,002	0,009	0,072	FALSE
-0,003	0,283	-0,001	0,008	0,057	FALSE
0,100	0,267	0,002	0,011	0,079	FALSE
0,039	0,303	0,001	0,014	0,034	FALSE
0,036	0,300	0,002	0,011	0,078	FALSE
-0,011	0,286	0,002	0,013	0,049	FALSE
0,143	0,292	0,004	0,009	0,187	FALSE
0,073	0,286	0,000	0,009	0,000	FALSE
0,008	0,291	-0,001	0,011	0,030	FALSE
-0,031	0,283	0,000	0,006	0,002	FALSE
-0,067	0,292	-0,002	0,010	0,089	FALSE
0,012	0,299	0,000	0,006	0,013	FALSE
-0,067	0,282	-0,001	0,008	0,036	FALSE
0,091	0,294	0,002	0,008	0,098	FALSE
-0,104	0,288	-0,003	0,009	0,132	FALSE
-0,014	0,294	-0,001	0,013	0,025	FALSE
0,002	0,295	0,000	0,007	0,004	FALSE
-0,028	0,289	0,000	0,009	0,015	FALSE
-0,022	0,278	0,000	0,006	0,013	FALSE
0,060	0,299	0,002	0,011	0,080	FALSE
0,127	0,282	0,002	0,008	0,119	FALSE
0,107	0,282	0,004	0,009	0,177	FALSE
-0,030	0,290	-0,001	0,007	0,052	FALSE
-0,045	0,292	0,000	0,007	0,004	FALSE
-0,053	0,287	-0,003	0,012	0,101	FALSE
-0,028	0,297	-0,001	0,009	0,055	FALSE
0,019	0,302	0,002	0,012	0,060	FALSE
-0,010	0,303	0,001	0,013	0,030	FALSE
0,117	0,284	0,003	0,010	0,118	FALSE
-0,113	0,292	-0,003	0,011	0,118	FALSE
0,112	0,287	0,004	0,010	0,151	FALSE
0,004	0,291	0,000	0,007	0,003	FALSE
0,107	0,297	0,005	0,013	0,144	FALSE
-0,040	0,289	-0,001	0,007	0,073	FALSE
-0,017	0,304	-0,001	0,010	0,035	FALSE
-0,072	0,289	-0,002	0,006	0,125	FALSE
0,042	0,286	0,000	0,011	0,013	FALSE
-0,038	0,288	0,000	0,012	0,012	FALSE
-0,007	0,284	-0,001	0,007	0,028	FALSE
-0,098	0,289	-0,004	0,013	0,136	FALSE
0,057	0,289	0,001	0,007	0,032	FALSE
-0,077	0,277	-0,003	0,009	0,111	FALSE
-0,095	0,283	-0,003	0,010	0,121	FALSE
-0,002	0,283	0,000	0,007	0,010	FALSE
0,003	0,304	0,000	0,010	0,013	FALSE
-0,134	0,300	-0,006	0,012	0,206	FALSE
-0,071	0,291	-0,003	0,009	0,148	FALSE
0,083	0,282	0,002	0,009	0,101	FALSE
0,035	0,292	0,001	0,006	0,038	FALSE
-0,043	0,293	-0,003	0,010	0,120	FALSE
0,028	0,300	0,000	0,009	0,020	FALSE
-0,157	0,289	-0,006	0,011	0,200	FALSE

0,136	0,278	0,005	0,012	0,176	FALSE
-0,024	0,318	-0,001	0,010	0,043	FALSE
0,021	0,287	-0,001	0,010	0,024	FALSE
-0,123	0,300	-0,004	0,008	0,180	FALSE
-0,076	0,292	-0,002	0,007	0,104	FALSE
-0,051	0,288	0,000	0,008	0,006	FALSE
-0,099	0,281	-0,001	0,008	0,069	FALSE
-0,053	0,276	-0,003	0,008	0,131	FALSE
-0,058	0,279	-0,003	0,008	0,153	FALSE
-0,040	0,285	-0,002	0,009	0,094	FALSE
-0,067	0,288	-0,001	0,012	0,042	FALSE
-0,022	0,286	0,001	0,012	0,036	FALSE
-0,057	0,282	-0,001	0,007	0,027	FALSE
-0,002	0,291	-0,001	0,007	0,026	FALSE
0,085	0,292	0,004	0,013	0,127	FALSE
-0,079	0,273	-0,002	0,007	0,090	FALSE
0,114	0,305	0,006	0,013	0,187	FALSE
-0,032	0,276	0,001	0,006	0,033	FALSE
0,091	0,280	0,002	0,011	0,060	FALSE
0,002	0,292	0,003	0,012	0,102	FALSE
-0,062	0,299	-0,001	0,013	0,032	FALSE
0,023	0,291	-0,002	0,009	0,087	FALSE
0,132	0,291	0,003	0,008	0,184	FALSE
0,083	0,290	0,001	0,008	0,042	FALSE
-0,065	0,302	-0,001	0,008	0,057	FALSE
0,217	0,278	0,006	0,010	0,280	FALSE
-0,120	0,278	-0,003	0,008	0,184	FALSE
0,071	0,289	0,004	0,013	0,111	FALSE
-0,151	0,288	-0,006	0,013	0,188	FALSE
-0,033	0,293	0,000	0,007	0,015	FALSE
-0,019	0,288	-0,003	0,010	0,122	FALSE
0,085	0,293	0,002	0,009	0,105	FALSE
-0,073	0,284	-0,003	0,011	0,091	FALSE
-0,135	0,291	-0,005	0,012	0,160	FALSE
-0,005	0,270	0,001	0,007	0,030	FALSE
-0,059	0,311	-0,003	0,009	0,118	FALSE
-0,089	0,285	-0,005	0,012	0,145	FALSE
-0,004	0,292	-0,001	0,007	0,072	FALSE
-0,007	0,286	-0,001	0,006	0,076	FALSE
-0,031	0,282	-0,002	0,007	0,121	FALSE
0,027	0,295	0,001	0,007	0,029	FALSE
0,010	0,294	0,000	0,007	0,023	FALSE
0,063	0,288	0,001	0,010	0,032	FALSE
0,000	0,277	0,000	0,011	0,004	FALSE
0,012	0,292	0,001	0,011	0,021	FALSE
-0,072	0,310	-0,002	0,011	0,054	FALSE
-0,008	0,294	0,000	0,011	0,004	FALSE
-0,006	0,305	-0,001	0,013	0,023	FALSE
-0,047	0,293	-0,001	0,008	0,037	FALSE
-0,030	0,284	-0,002	0,007	0,147	FALSE
-0,083	0,294	-0,003	0,009	0,146	FALSE
0,034	0,301	0,002	0,009	0,079	FALSE
0,058	0,287	0,002	0,012	0,051	FALSE

-0,039	0,289	-0,001	0,012	0,036	FALSE
0,083	0,301	0,003	0,009	0,139	FALSE
-0,015	0,286	-0,001	0,006	0,045	FALSE
-0,004	0,292	-0,001	0,008	0,070	FALSE
-0,066	0,290	-0,001	0,007	0,078	FALSE
-0,082	0,287	-0,002	0,006	0,100	FALSE
0,011	0,284	0,000	0,010	0,005	FALSE
0,047	0,292	0,000	0,009	0,004	FALSE
0,097	0,295	0,004	0,013	0,141	FALSE
0,063	0,287	0,001	0,006	0,044	FALSE
0,023	0,287	0,000	0,007	0,017	FALSE
-0,036	0,306	0,000	0,013	0,001	FALSE
-0,134	0,273	-0,003	0,007	0,215	FALSE
0,034	0,282	0,001	0,006	0,087	FALSE
-0,047	0,289	-0,002	0,009	0,091	FALSE
-0,048	0,274	0,000	0,008	0,014	FALSE
-0,137	0,284	-0,005	0,013	0,144	FALSE
-0,106	0,296	-0,003	0,009	0,128	FALSE
-0,167	0,289	-0,006	0,010	0,243	FALSE
0,088	0,290	0,003	0,011	0,097	FALSE
0,007	0,291	0,000	0,008	0,011	FALSE
-0,098	0,284	-0,003	0,012	0,082	FALSE
-0,118	0,292	-0,003	0,008	0,123	FALSE
0,078	0,287	0,003	0,007	0,139	FALSE
0,070	0,294	0,001	0,007	0,038	FALSE
0,120	0,292	0,004	0,013	0,131	FALSE
0,013	0,291	0,001	0,012	0,036	FALSE
-0,163	0,276	-0,004	0,009	0,167	FALSE
0,193	0,292	0,004	0,006	0,275	FALSE
0,192	0,278	0,004	0,006	0,313	FALSE
0,068	0,284	0,002	0,010	0,081	FALSE
0,027	0,280	0,002	0,011	0,081	FALSE
0,041	0,304	0,000	0,007	0,025	FALSE
0,075	0,286	0,002	0,008	0,100	FALSE
0,082	0,289	0,002	0,010	0,076	FALSE
0,098	0,294	0,003	0,010	0,108	FALSE
-0,070	0,306	-0,002	0,008	0,118	FALSE
0,110	0,288	0,003	0,007	0,185	FALSE
-0,139	0,301	-0,004	0,011	0,168	FALSE
0,010	0,285	-0,002	0,013	0,064	FALSE
0,006	0,281	-0,002	0,013	0,066	FALSE
0,016	0,275	0,002	0,012	0,074	FALSE
-0,059	0,293	-0,003	0,012	0,105	FALSE
-0,073	0,271	-0,002	0,011	0,054	FALSE
-0,201	0,281	-0,005	0,007	0,306	FALSE
-0,073	0,294	-0,003	0,013	0,091	FALSE
-0,147	0,283	-0,006	0,011	0,227	FALSE
-0,014	0,294	0,000	0,009	0,018	FALSE
-0,127	0,289	-0,003	0,012	0,084	FALSE
-0,037	0,287	-0,001	0,009	0,047	FALSE
-0,066	0,290	-0,002	0,007	0,141	FALSE
-0,083	0,292	-0,003	0,012	0,108	FALSE
-0,104	0,289	-0,002	0,008	0,103	FALSE

0,017	0,287	0,000	0,009	0,014	FALSE
-0,031	0,288	-0,002	0,010	0,067	FALSE
-0,049	0,303	-0,001	0,007	0,030	FALSE
-0,010	0,297	-0,001	0,010	0,023	FALSE
0,092	0,289	0,004	0,010	0,146	FALSE
0,030	0,296	0,000	0,011	0,003	FALSE
-0,034	0,280	-0,002	0,013	0,056	FALSE
0,000	0,278	0,000	0,008	0,016	FALSE
0,034	0,294	0,001	0,006	0,034	FALSE
0,036	0,290	0,000	0,008	0,018	FALSE
-0,207	0,293	-0,005	0,007	0,313	FALSE
0,102	0,298	0,002	0,006	0,100	FALSE
-0,043	0,295	-0,001	0,012	0,043	FALSE
-0,116	0,294	-0,005	0,013	0,153	FALSE
0,126	0,292	0,006	0,012	0,182	FALSE
-0,001	0,304	0,000	0,007	0,010	FALSE
0,070	0,284	0,003	0,010	0,121	FALSE
0,132	0,304	0,002	0,009	0,101	FALSE
0,085	0,288	0,003	0,012	0,095	FALSE
-0,112	0,287	-0,001	0,007	0,081	FALSE
0,067	0,276	0,005	0,011	0,179	FALSE
0,085	0,283	0,005	0,012	0,186	FALSE
0,101	0,275	0,006	0,011	0,215	FALSE
-0,059	0,286	-0,002	0,008	0,069	FALSE
-0,050	0,291	-0,001	0,007	0,058	FALSE
-0,051	0,276	-0,001	0,007	0,060	FALSE
-0,010	0,302	-0,001	0,008	0,060	FALSE
0,002	0,285	-0,001	0,008	0,066	FALSE
0,193	0,295	0,004	0,006	0,266	FALSE
-0,041	0,281	0,000	0,007	0,001	FALSE
-0,051	0,288	0,000	0,007	0,008	FALSE
0,013	0,294	-0,002	0,011	0,064	FALSE
0,096	0,293	0,001	0,009	0,062	FALSE
0,035	0,280	0,001	0,007	0,033	FALSE
0,057	0,282	0,000	0,007	0,017	FALSE
0,064	0,289	0,001	0,008	0,039	FALSE
-0,055	0,283	-0,002	0,006	0,126	FALSE
0,073	0,288	0,000	0,010	0,018	FALSE
0,080	0,279	0,001	0,009	0,046	FALSE
0,021	0,288	0,000	0,007	0,015	FALSE
-0,063	0,298	-0,002	0,009	0,075	FALSE
0,074	0,289	0,001	0,011	0,051	FALSE
-0,026	0,288	0,000	0,006	0,011	FALSE
0,010	0,293	0,001	0,007	0,043	FALSE
-0,038	0,296	-0,002	0,009	0,066	FALSE
-0,050	0,299	-0,002	0,012	0,066	FALSE
-0,072	0,291	-0,002	0,008	0,109	FALSE
-0,022	0,293	-0,002	0,012	0,059	FALSE
0,088	0,296	0,004	0,009	0,164	FALSE
0,032	0,286	0,000	0,008	0,012	FALSE
-0,019	0,291	-0,002	0,011	0,075	FALSE
0,076	0,289	0,005	0,013	0,177	FALSE
0,044	0,290	0,003	0,009	0,105	FALSE

0,147	0,289	0,003	0,007	0,184	FALSE
-0,012	0,298	0,000	0,008	0,010	FALSE
0,048	0,281	0,000	0,009	0,008	FALSE
-0,010	0,298	0,000	0,008	0,004	FALSE
-0,019	0,296	-0,001	0,012	0,041	FALSE
-0,121	0,283	-0,002	0,008	0,073	FALSE
-0,127	0,286	-0,004	0,010	0,147	FALSE
-0,048	0,296	-0,001	0,009	0,042	FALSE
-0,100	0,284	-0,003	0,010	0,123	FALSE
-0,085	0,292	-0,003	0,008	0,136	FALSE
-0,047	0,282	-0,002	0,008	0,100	FALSE
-0,134	0,289	-0,004	0,011	0,137	FALSE
-0,121	0,281	-0,003	0,009	0,155	FALSE
0,008	0,282	0,000	0,008	0,016	FALSE
0,045	0,279	0,002	0,007	0,095	FALSE
0,018	0,277	0,001	0,007	0,076	FALSE
-0,043	0,284	-0,001	0,011	0,032	FALSE
0,099	0,269	0,000	0,012	0,001	FALSE
-0,016	0,282	0,002	0,012	0,075	FALSE
-0,003	0,300	0,000	0,009	0,006	FALSE
-0,127	0,291	-0,002	0,007	0,098	FALSE
-0,121	0,276	-0,002	0,010	0,087	FALSE
-0,043	0,291	-0,001	0,007	0,042	FALSE
-0,022	0,293	0,001	0,012	0,026	FALSE
0,064	0,275	0,000	0,006	0,011	FALSE
-0,026	0,286	-0,003	0,011	0,116	FALSE
-0,053	0,307	-0,002	0,010	0,060	FALSE
-0,010	0,294	-0,001	0,010	0,032	FALSE
0,017	0,274	0,001	0,012	0,031	FALSE
-0,007	0,285	0,000	0,012	0,008	FALSE
0,018	0,279	0,001	0,012	0,036	FALSE
-0,013	0,277	0,000	0,010	0,009	FALSE
0,079	0,285	0,001	0,011	0,040	FALSE
0,047	0,291	0,000	0,006	0,016	FALSE
0,126	0,278	0,004	0,008	0,205	FALSE
0,085	0,287	0,002	0,008	0,107	FALSE
0,088	0,276	0,003	0,012	0,108	FALSE
-0,092	0,284	-0,004	0,012	0,134	FALSE
0,033	0,296	0,001	0,013	0,042	FALSE
0,025	0,286	0,001	0,012	0,041	FALSE
-0,009	0,303	-0,001	0,013	0,039	FALSE
0,024	0,299	0,002	0,009	0,070	FALSE
0,026	0,285	0,001	0,007	0,079	FALSE
-0,016	0,293	-0,002	0,007	0,087	FALSE
-0,036	0,312	-0,001	0,009	0,046	FALSE
-0,193	0,291	-0,007	0,012	0,238	FALSE
0,216	0,284	0,006	0,009	0,277	FALSE
0,024	0,295	0,002	0,013	0,065	FALSE
0,217	0,282	0,007	0,011	0,265	FALSE
-0,043	0,286	-0,001	0,009	0,046	FALSE
0,015	0,295	0,001	0,008	0,037	FALSE
-0,113	0,305	-0,005	0,012	0,171	FALSE
-0,018	0,295	-0,001	0,011	0,041	FALSE

-0,012	0,287	-0,001	0,011	0,044	FALSE
0,005	0,298	0,002	0,012	0,065	FALSE
-0,059	0,287	-0,001	0,011	0,047	FALSE
-0,073	0,298	-0,001	0,012	0,020	FALSE
-0,130	0,284	-0,005	0,010	0,226	FALSE
-0,170	0,273	-0,007	0,010	0,302	FALSE
0,047	0,283	-0,002	0,013	0,057	FALSE
-0,043	0,277	-0,002	0,007	0,137	FALSE
0,212	0,280	0,009	0,011	0,397	FALSE
0,169	0,288	0,005	0,010	0,233	FALSE
-0,029	0,293	-0,001	0,009	0,025	FALSE
0,018	0,289	0,001	0,007	0,068	FALSE
-0,022	0,295	0,000	0,009	0,004	FALSE
0,021	0,300	0,001	0,013	0,032	FALSE
0,064	0,292	0,002	0,012	0,060	FALSE
0,086	0,289	0,003	0,009	0,142	FALSE
-0,007	0,294	0,000	0,012	0,004	FALSE
0,057	0,293	0,002	0,009	0,081	FALSE
0,240	0,263	0,011	0,012	0,480	FALSE
0,039	0,302	0,002	0,013	0,046	FALSE
-0,119	0,293	-0,007	0,012	0,233	FALSE
-0,118	0,293	-0,006	0,012	0,224	FALSE
-0,079	0,288	-0,003	0,012	0,084	FALSE
0,061	0,279	0,004	0,009	0,173	FALSE
0,111	0,277	0,005	0,010	0,198	FALSE
0,012	0,299	-0,001	0,009	0,048	FALSE
-0,134	0,294	-0,002	0,007	0,115	FALSE
-0,044	0,296	-0,001	0,006	0,090	FALSE
-0,042	0,286	-0,001	0,008	0,041	FALSE
-0,092	0,285	-0,002	0,007	0,117	FALSE
-0,030	0,287	-0,003	0,008	0,129	FALSE
0,063	0,299	0,002	0,010	0,093	FALSE
0,039	0,282	0,003	0,009	0,126	FALSE
-0,036	0,288	0,000	0,008	0,011	FALSE
-0,026	0,299	-0,002	0,008	0,086	FALSE
0,099	0,280	0,005	0,010	0,191	FALSE
0,068	0,278	0,001	0,006	0,097	FALSE
0,095	0,289	0,005	0,013	0,166	FALSE
0,085	0,288	0,004	0,013	0,129	FALSE
-0,037	0,291	-0,002	0,010	0,062	FALSE
0,026	0,281	-0,001	0,007	0,059	FALSE
0,009	0,282	-0,001	0,007	0,067	FALSE
-0,034	0,294	-0,003	0,012	0,111	FALSE
0,081	0,295	0,003	0,010	0,115	FALSE
0,011	0,291	-0,002	0,012	0,055	FALSE
-0,144	0,286	-0,003	0,007	0,190	FALSE
0,070	0,303	0,001	0,007	0,075	FALSE
0,058	0,302	0,001	0,009	0,027	FALSE
0,099	0,283	0,001	0,009	0,042	FALSE
0,060	0,283	0,004	0,013	0,117	FALSE
-0,049	0,292	-0,001	0,007	0,044	FALSE
-0,044	0,289	0,000	0,007	0,022	FALSE
0,061	0,293	0,002	0,011	0,064	FALSE

0,022	0,299	0,001	0,007	0,048	FALSE
0,114	0,284	0,004	0,009	0,180	FALSE
0,018	0,294	0,001	0,009	0,043	FALSE
0,021	0,285	-0,002	0,012	0,059	FALSE
-0,049	0,282	-0,002	0,008	0,097	FALSE
0,073	0,312	0,002	0,012	0,070	FALSE
-0,021	0,296	-0,001	0,008	0,033	FALSE
0,059	0,300	0,002	0,011	0,072	FALSE
-0,083	0,291	-0,003	0,008	0,129	FALSE
-0,085	0,291	-0,004	0,011	0,134	FALSE
-0,113	0,290	-0,003	0,007	0,156	FALSE
0,029	0,297	0,002	0,012	0,079	FALSE
0,119	0,275	0,003	0,008	0,168	FALSE
0,037	0,312	0,001	0,009	0,047	FALSE
-0,125	0,281	-0,005	0,012	0,172	FALSE
-0,166	0,284	-0,005	0,011	0,200	FALSE
0,074	0,302	0,003	0,010	0,121	FALSE
-0,042	0,288	0,000	0,013	0,014	FALSE
0,057	0,293	0,003	0,012	0,088	FALSE
-0,093	0,281	-0,002	0,006	0,106	FALSE
0,166	0,271	0,005	0,008	0,265	FALSE
-0,098	0,290	-0,003	0,012	0,110	FALSE
-0,161	0,275	-0,004	0,008	0,186	FALSE
-0,059	0,286	-0,001	0,007	0,058	FALSE
0,066	0,291	0,001	0,007	0,061	FALSE
0,011	0,294	0,001	0,013	0,028	FALSE
-0,021	0,305	-0,001	0,009	0,024	FALSE
-0,021	0,290	-0,002	0,012	0,074	FALSE
0,077	0,280	0,002	0,007	0,077	FALSE
0,025	0,288	0,000	0,007	0,008	FALSE
0,048	0,308	0,000	0,012	0,004	FALSE
0,049	0,285	0,001	0,008	0,058	FALSE
0,056	0,283	0,002	0,009	0,073	FALSE
-0,027	0,279	0,000	0,007	0,024	FALSE
-0,086	0,287	-0,002	0,009	0,099	FALSE
-0,045	0,262	0,000	0,012	0,006	FALSE
0,014	0,278	0,000	0,012	0,005	FALSE
0,010	0,286	-0,001	0,013	0,027	FALSE
-0,046	0,281	-0,001	0,006	0,047	FALSE
-0,044	0,278	0,000	0,008	0,016	FALSE
0,113	0,284	0,003	0,008	0,177	FALSE
0,040	0,286	0,001	0,007	0,052	FALSE
0,019	0,285	-0,002	0,008	0,072	FALSE
0,154	0,289	0,004	0,007	0,274	FALSE
0,005	0,301	-0,001	0,008	0,030	FALSE
0,163	0,296	0,004	0,011	0,173	FALSE
0,052	0,301	0,000	0,012	0,000	FALSE
0,107	0,297	0,002	0,011	0,072	FALSE
0,100	0,284	0,002	0,011	0,061	FALSE
-0,017	0,305	-0,002	0,012	0,053	FALSE
0,001	0,292	-0,001	0,011	0,047	FALSE
0,053	0,290	0,003	0,011	0,106	FALSE
-0,110	0,282	-0,002	0,007	0,120	FALSE

-0,188	0,281	-0,003	0,007	0,210	FALSE
0,035	0,276	0,001	0,008	0,028	FALSE
0,046	0,291	0,001	0,009	0,051	FALSE
0,064	0,300	0,001	0,009	0,063	FALSE
0,066	0,293	0,002	0,009	0,067	FALSE
0,038	0,292	0,001	0,012	0,020	FALSE
0,014	0,286	0,001	0,007	0,050	FALSE
-0,108	0,283	-0,002	0,008	0,122	FALSE
-0,013	0,293	-0,001	0,007	0,044	FALSE
-0,087	0,285	-0,001	0,007	0,070	FALSE
-0,108	0,288	-0,001	0,006	0,080	FALSE
0,008	0,296	0,002	0,013	0,048	FALSE
0,148	0,291	0,003	0,007	0,186	FALSE
0,019	0,283	-0,001	0,007	0,042	FALSE
0,003	0,292	0,000	0,010	0,005	FALSE
-0,080	0,290	-0,003	0,013	0,093	FALSE
-0,049	0,283	-0,001	0,012	0,020	FALSE
0,015	0,292	-0,001	0,013	0,023	FALSE
0,024	0,299	0,002	0,012	0,045	FALSE
0,072	0,294	0,003	0,012	0,106	FALSE
-0,086	0,286	-0,002	0,012	0,067	FALSE
0,154	0,285	0,005	0,012	0,178	FALSE
0,113	0,283	0,002	0,006	0,151	FALSE
-0,087	0,301	-0,003	0,009	0,108	FALSE
-0,017	0,280	0,001	0,011	0,023	FALSE
-0,019	0,295	0,000	0,009	0,009	FALSE
-0,034	0,294	-0,001	0,008	0,057	FALSE
0,150	0,285	0,004	0,007	0,248	FALSE
-0,073	0,274	-0,002	0,007	0,095	FALSE
-0,014	0,294	-0,001	0,008	0,039	FALSE
0,012	0,301	-0,001	0,006	0,034	FALSE
0,033	0,286	0,000	0,013	0,002	FALSE
-0,073	0,288	-0,001	0,011	0,021	FALSE
0,065	0,294	0,002	0,009	0,092	FALSE
0,007	0,285	-0,002	0,008	0,067	FALSE
-0,145	0,283	-0,004	0,008	0,185	FALSE
0,032	0,284	0,000	0,013	0,006	FALSE
0,043	0,288	0,003	0,013	0,091	FALSE
0,010	0,300	0,000	0,011	0,013	FALSE
0,005	0,299	0,000	0,011	0,010	FALSE
0,027	0,290	0,001	0,007	0,032	FALSE
-0,023	0,280	-0,002	0,013	0,049	FALSE
-0,038	0,285	0,000	0,012	0,011	FALSE
-0,067	0,284	-0,001	0,007	0,048	FALSE
0,047	0,292	0,001	0,007	0,041	FALSE
0,029	0,290	0,002	0,009	0,078	FALSE
0,048	0,299	0,002	0,009	0,081	FALSE
-0,045	0,298	-0,001	0,009	0,035	FALSE
-0,091	0,289	-0,001	0,007	0,058	FALSE
0,106	0,291	0,001	0,007	0,070	FALSE
-0,145	0,272	-0,003	0,008	0,156	FALSE
0,018	0,284	0,001	0,012	0,019	FALSE
-0,022	0,289	0,000	0,012	0,014	FALSE

-0,015	0,290	0,000	0,006	0,011	FALSE
-0,078	0,304	-0,001	0,013	0,026	FALSE
0,149	0,290	0,003	0,009	0,136	FALSE
0,028	0,294	0,001	0,012	0,037	FALSE
-0,098	0,276	-0,006	0,011	0,218	FALSE
-0,161	0,290	-0,007	0,012	0,250	FALSE
-0,001	0,305	0,000	0,011	0,011	FALSE
0,050	0,297	0,000	0,010	0,013	FALSE
0,073	0,286	0,002	0,013	0,050	FALSE
-0,054	0,290	-0,001	0,007	0,028	FALSE
0,054	0,303	0,000	0,011	0,014	FALSE
-0,045	0,284	-0,002	0,011	0,061	FALSE
0,087	0,296	0,004	0,011	0,160	FALSE
-0,032	0,292	-0,001	0,012	0,041	FALSE
-0,021	0,297	-0,001	0,007	0,034	FALSE
0,053	0,289	0,001	0,010	0,053	FALSE
0,000	0,298	-0,001	0,006	0,057	FALSE
0,166	0,284	0,005	0,013	0,147	FALSE
0,052	0,271	0,000	0,008	0,014	FALSE
0,078	0,297	0,001	0,010	0,047	FALSE
-0,044	0,272	-0,004	0,013	0,112	FALSE
-0,006	0,289	0,000	0,013	0,003	FALSE
0,011	0,286	0,001	0,006	0,090	FALSE
-0,096	0,287	-0,004	0,009	0,168	FALSE
0,049	0,297	0,001	0,010	0,052	FALSE
-0,034	0,293	-0,001	0,007	0,041	FALSE
-0,060	0,293	-0,001	0,008	0,063	FALSE
-0,132	0,288	-0,003	0,011	0,107	FALSE
0,036	0,284	0,002	0,008	0,119	FALSE
0,083	0,289	0,003	0,008	0,151	FALSE
0,037	0,303	0,001	0,010	0,026	FALSE
0,074	0,302	0,002	0,010	0,067	FALSE
-0,020	0,274	0,001	0,007	0,050	FALSE
0,075	0,290	0,003	0,009	0,119	FALSE
-0,080	0,289	-0,002	0,007	0,127	FALSE
-0,157	0,287	-0,007	0,012	0,263	FALSE
0,043	0,285	0,003	0,013	0,086	FALSE
-0,112	0,313	-0,003	0,012	0,100	FALSE
0,029	0,282	0,001	0,011	0,031	FALSE
-0,096	0,279	-0,003	0,011	0,120	FALSE
0,000	0,276	0,001	0,010	0,054	FALSE
-0,052	0,288	-0,003	0,011	0,098	FALSE
-0,177	0,273	-0,004	0,009	0,194	FALSE
0,068	0,264	0,004	0,012	0,136	FALSE
-0,001	0,282	0,000	0,008	0,015	FALSE
0,120	0,285	0,004	0,008	0,198	FALSE
-0,062	0,283	0,000	0,013	0,006	FALSE
-0,165	0,276	-0,004	0,007	0,247	FALSE
0,155	0,292	0,006	0,012	0,190	FALSE
0,109	0,297	0,003	0,013	0,085	FALSE
0,134	0,290	0,004	0,012	0,155	FALSE
-0,062	0,296	-0,002	0,008	0,116	FALSE
0,032	0,290	0,001	0,008	0,036	FALSE

-0,173	0,295	-0,007	0,012	0,259	FALSE
-0,026	0,290	-0,001	0,006	0,095	FALSE
-0,171	0,275	-0,007	0,012	0,237	FALSE
0,132	0,294	0,004	0,008	0,180	FALSE
0,142	0,288	0,004	0,007	0,228	FALSE
0,036	0,293	0,003	0,011	0,100	FALSE
-0,169	0,289	-0,007	0,013	0,215	FALSE
0,035	0,288	0,001	0,011	0,051	FALSE
-0,003	0,279	-0,003	0,013	0,079	FALSE
-0,036	0,296	0,000	0,008	0,010	FALSE
-0,016	0,287	0,000	0,006	0,015	FALSE
-0,045	0,296	-0,001	0,012	0,033	FALSE
-0,053	0,290	-0,002	0,008	0,094	FALSE
-0,065	0,276	-0,001	0,008	0,045	FALSE
-0,020	0,284	0,001	0,007	0,047	FALSE
0,003	0,284	0,001	0,012	0,037	FALSE
0,032	0,292	0,000	0,006	0,007	FALSE
-0,027	0,294	0,000	0,008	0,010	FALSE
-0,052	0,280	-0,002	0,010	0,086	FALSE
-0,072	0,287	-0,003	0,012	0,087	FALSE
0,010	0,291	-0,003	0,013	0,083	FALSE
-0,008	0,297	-0,003	0,013	0,096	FALSE
0,035	0,277	0,003	0,010	0,128	FALSE
0,125	0,267	0,005	0,012	0,160	FALSE
0,106	0,303	0,002	0,013	0,074	FALSE
0,068	0,295	0,003	0,011	0,103	FALSE
0,061	0,278	0,003	0,008	0,160	FALSE
-0,069	0,277	-0,003	0,007	0,204	FALSE
-0,084	0,295	-0,003	0,007	0,181	FALSE
-0,011	0,305	-0,002	0,007	0,095	FALSE
0,068	0,284	0,002	0,010	0,071	FALSE
0,009	0,282	0,001	0,013	0,040	FALSE
0,083	0,287	0,002	0,010	0,096	FALSE
0,009	0,280	0,001	0,011	0,040	FALSE
-0,034	0,281	0,000	0,007	0,015	FALSE
0,066	0,282	0,001	0,007	0,034	FALSE
0,129	0,276	0,004	0,011	0,165	FALSE
0,011	0,295	0,000	0,012	0,009	FALSE
0,139	0,274	0,003	0,007	0,187	FALSE
-0,091	0,309	-0,002	0,007	0,137	FALSE
-0,064	0,286	-0,004	0,012	0,118	FALSE
0,134	0,277	0,005	0,013	0,164	FALSE
0,051	0,297	0,004	0,011	0,123	FALSE
0,169	0,287	0,003	0,006	0,190	FALSE
0,069	0,292	0,001	0,011	0,041	FALSE
-0,169	0,295	-0,005	0,010	0,205	FALSE
-0,035	0,278	0,000	0,007	0,009	FALSE
-0,133	0,299	-0,005	0,012	0,177	FALSE
-0,004	0,289	0,000	0,009	0,014	FALSE
-0,192	0,287	-0,003	0,007	0,176	FALSE
-0,042	0,298	-0,001	0,008	0,070	FALSE
0,192	0,281	0,003	0,007	0,217	FALSE
0,002	0,285	0,000	0,013	0,007	FALSE

0,078	0,299	0,002	0,011	0,075	FALSE
-0,039	0,291	-0,002	0,012	0,073	FALSE
0,184	0,283	0,003	0,006	0,227	FALSE
-0,064	0,281	-0,002	0,007	0,088	FALSE
-0,092	0,290	-0,004	0,011	0,140	FALSE
-0,096	0,296	-0,004	0,011	0,145	FALSE
0,200	0,302	0,008	0,012	0,276	FALSE
0,102	0,297	0,003	0,013	0,097	FALSE
0,056	0,291	0,001	0,008	0,059	FALSE
-0,132	0,276	-0,003	0,008	0,130	FALSE
0,042	0,284	0,001	0,010	0,019	FALSE
0,023	0,295	0,001	0,009	0,028	FALSE
0,053	0,284	0,001	0,008	0,054	FALSE
-0,100	0,284	-0,001	0,006	0,087	FALSE
0,163	0,279	0,005	0,010	0,187	FALSE
-0,039	0,301	0,000	0,009	0,011	FALSE
-0,070	0,295	-0,002	0,007	0,079	FALSE
0,047	0,307	0,000	0,006	0,013	FALSE
-0,010	0,300	-0,002	0,011	0,070	FALSE
-0,057	0,293	0,000	0,009	0,018	FALSE
-0,133	0,298	-0,005	0,011	0,211	FALSE
-0,045	0,280	-0,001	0,008	0,065	FALSE
0,055	0,282	0,002	0,006	0,122	FALSE
0,130	0,305	0,002	0,007	0,121	FALSE
-0,041	0,296	-0,003	0,012	0,090	FALSE
0,005	0,288	0,000	0,009	0,014	FALSE
0,051	0,295	0,001	0,007	0,042	FALSE
-0,041	0,296	-0,001	0,007	0,071	FALSE
-0,134	0,283	-0,003	0,007	0,141	FALSE
-0,037	0,313	0,000	0,007	0,023	FALSE
0,076	0,284	0,001	0,012	0,039	FALSE
-0,063	0,290	-0,002	0,008	0,074	FALSE
-0,110	0,292	-0,003	0,009	0,140	FALSE
0,023	0,279	0,000	0,008	0,004	FALSE
-0,143	0,288	-0,004	0,009	0,173	FALSE
0,027	0,296	0,002	0,010	0,062	FALSE
-0,059	0,290	-0,002	0,012	0,050	FALSE
-0,041	0,288	-0,001	0,009	0,022	FALSE
-0,022	0,299	-0,001	0,010	0,044	FALSE
0,082	0,306	0,002	0,008	0,080	FALSE
-0,005	0,269	-0,003	0,012	0,102	FALSE
-0,104	0,276	-0,004	0,009	0,164	FALSE
0,009	0,301	0,000	0,010	0,011	FALSE
-0,022	0,294	-0,001	0,007	0,028	FALSE
0,044	0,298	0,001	0,010	0,039	FALSE
-0,117	0,288	-0,003	0,007	0,196	FALSE
-0,059	0,300	-0,002	0,010	0,098	FALSE
0,111	0,285	0,002	0,010	0,080	FALSE
0,042	0,295	0,001	0,007	0,072	FALSE
-0,001	0,283	-0,002	0,007	0,098	FALSE
-0,081	0,290	-0,003	0,009	0,131	FALSE
-0,022	0,291	0,001	0,007	0,049	FALSE
0,055	0,271	0,005	0,013	0,165	FALSE

0,069	0,290	0,001	0,006	0,034	FALSE
0,063	0,291	0,003	0,009	0,147	FALSE
0,040	0,277	0,003	0,009	0,128	FALSE
0,127	0,282	0,003	0,008	0,125	FALSE
0,184	0,267	0,004	0,008	0,204	FALSE
0,105	0,267	0,005	0,010	0,220	FALSE
-0,064	0,298	-0,001	0,009	0,064	FALSE
0,071	0,283	0,004	0,008	0,184	FALSE
0,012	0,293	0,000	0,012	0,005	FALSE
0,055	0,302	0,002	0,011	0,082	FALSE
0,049	0,295	0,001	0,006	0,059	FALSE
0,130	0,280	0,003	0,006	0,226	FALSE
-0,079	0,298	-0,004	0,012	0,126	FALSE
-0,090	0,283	-0,002	0,006	0,116	FALSE
0,014	0,291	0,002	0,013	0,048	FALSE
-0,011	0,293	-0,002	0,008	0,070	FALSE
-0,048	0,286	0,000	0,009	0,005	FALSE
0,004	0,289	0,000	0,006	0,002	FALSE
-0,017	0,292	0,001	0,007	0,030	FALSE
0,001	0,288	0,001	0,007	0,039	FALSE
-0,016	0,290	0,001	0,011	0,025	FALSE
0,000	0,283	0,001	0,007	0,035	FALSE
-0,059	0,287	-0,001	0,008	0,036	FALSE
-0,009	0,283	0,001	0,008	0,030	FALSE
-0,010	0,290	0,001	0,008	0,024	FALSE
0,005	0,283	0,000	0,013	0,007	FALSE
-0,080	0,287	-0,003	0,012	0,094	FALSE
0,012	0,294	0,001	0,008	0,047	FALSE
0,049	0,305	0,002	0,013	0,062	FALSE
-0,007	0,300	-0,001	0,012	0,014	FALSE
0,037	0,295	0,000	0,012	0,005	FALSE
0,069	0,292	0,004	0,009	0,192	FALSE
-0,001	0,294	-0,002	0,011	0,088	FALSE
0,004	0,296	-0,002	0,010	0,084	FALSE
-0,046	0,284	-0,002	0,010	0,082	FALSE
-0,013	0,292	0,001	0,013	0,017	FALSE
0,138	0,288	0,002	0,007	0,142	FALSE
0,147	0,276	0,006	0,010	0,288	FALSE
0,051	0,288	0,001	0,008	0,069	FALSE
0,014	0,293	0,001	0,008	0,052	FALSE
0,036	0,288	0,003	0,008	0,118	FALSE
-0,115	0,289	-0,004	0,008	0,177	FALSE
-0,042	0,295	-0,003	0,012	0,105	FALSE
-0,026	0,288	-0,002	0,009	0,068	FALSE
0,033	0,288	0,000	0,007	0,005	FALSE
0,092	0,283	0,005	0,013	0,144	FALSE
0,094	0,272	0,006	0,011	0,207	FALSE
-0,004	0,289	0,001	0,013	0,026	FALSE
-0,042	0,304	-0,001	0,013	0,039	FALSE
0,108	0,300	0,002	0,007	0,135	FALSE
0,001	0,291	0,000	0,007	0,008	FALSE
-0,010	0,307	0,000	0,009	0,013	FALSE
-0,031	0,294	0,000	0,009	0,014	FALSE

-0,021	0,295	0,000	0,009	0,003	FALSE
0,067	0,295	0,002	0,011	0,058	FALSE
0,059	0,289	0,003	0,008	0,119	FALSE
-0,052	0,286	-0,001	0,012	0,046	FALSE
0,031	0,301	0,001	0,012	0,040	FALSE
-0,076	0,303	-0,001	0,008	0,067	FALSE
0,030	0,289	0,001	0,012	0,022	FALSE
-0,003	0,294	0,000	0,011	0,007	FALSE
-0,001	0,287	-0,001	0,013	0,032	FALSE
0,089	0,302	0,002	0,009	0,093	FALSE
0,041	0,294	0,002	0,008	0,112	FALSE
-0,011	0,286	-0,001	0,007	0,026	FALSE
0,039	0,286	0,001	0,011	0,036	FALSE
0,033	0,294	0,000	0,007	0,007	FALSE
0,026	0,275	0,001	0,007	0,064	FALSE
-0,017	0,302	-0,001	0,011	0,042	FALSE
-0,142	0,290	-0,006	0,012	0,204	FALSE
0,088	0,286	0,006	0,012	0,211	FALSE
0,064	0,286	0,000	0,011	0,004	FALSE
0,100	0,277	0,003	0,011	0,100	FALSE
-0,020	0,289	0,000	0,007	0,010	FALSE
-0,153	0,282	-0,005	0,012	0,185	FALSE
-0,035	0,291	-0,001	0,006	0,050	FALSE
-0,062	0,283	-0,002	0,013	0,052	FALSE
0,056	0,297	0,002	0,009	0,071	FALSE
-0,032	0,287	-0,001	0,013	0,037	FALSE
0,075	0,277	0,000	0,009	0,005	FALSE
-0,163	0,284	-0,003	0,009	0,149	FALSE
-0,101	0,289	-0,002	0,009	0,067	FALSE
-0,102	0,287	-0,002	0,009	0,075	FALSE
0,004	0,282	0,000	0,007	0,013	FALSE
0,119	0,289	0,004	0,013	0,119	FALSE
-0,014	0,295	0,001	0,013	0,026	FALSE
0,072	0,303	0,002	0,009	0,082	FALSE
-0,192	0,275	-0,006	0,011	0,247	FALSE
0,007	0,281	0,001	0,009	0,054	FALSE
-0,006	0,273	-0,001	0,011	0,024	FALSE
0,006	0,305	0,001	0,009	0,040	FALSE
-0,084	0,301	-0,001	0,009	0,057	FALSE
-0,066	0,288	-0,001	0,011	0,021	FALSE
0,023	0,289	0,000	0,007	0,014	FALSE
0,018	0,294	0,000	0,010	0,005	FALSE
0,064	0,285	0,001	0,009	0,053	FALSE
0,021	0,298	0,001	0,013	0,031	FALSE
0,080	0,291	0,002	0,006	0,143	FALSE
0,122	0,300	0,003	0,006	0,187	FALSE
0,028	0,288	0,001	0,012	0,043	FALSE
0,079	0,293	0,003	0,010	0,101	FALSE
0,005	0,286	0,000	0,006	0,016	FALSE
-0,015	0,303	-0,001	0,008	0,050	FALSE
-0,019	0,278	-0,001	0,007	0,057	FALSE
-0,001	0,296	-0,001	0,008	0,043	FALSE
0,147	0,296	0,004	0,009	0,176	FALSE

0,152	0,285	0,004	0,008	0,210	FALSE
0,066	0,277	0,004	0,012	0,145	FALSE
-0,062	0,283	-0,003	0,007	0,185	FALSE
0,017	0,281	-0,001	0,011	0,032	FALSE
0,061	0,298	0,003	0,011	0,101	FALSE
-0,162	0,263	-0,006	0,010	0,257	FALSE
-0,025	0,296	-0,001	0,012	0,018	FALSE
-0,042	0,280	-0,003	0,009	0,137	FALSE
0,040	0,277	0,001	0,006	0,063	FALSE
0,025	0,289	0,000	0,007	0,006	FALSE
-0,014	0,276	0,002	0,011	0,061	FALSE
-0,060	0,291	-0,001	0,006	0,072	FALSE
-0,016	0,290	0,000	0,007	0,021	FALSE
0,031	0,294	0,002	0,012	0,070	FALSE
0,055	0,286	0,001	0,007	0,072	FALSE
0,076	0,296	0,002	0,007	0,101	FALSE
-0,134	0,294	-0,004	0,008	0,236	FALSE
0,059	0,287	0,002	0,007	0,093	FALSE
0,029	0,282	0,001	0,008	0,046	FALSE
-0,005	0,275	0,000	0,006	0,013	FALSE
-0,044	0,273	-0,004	0,010	0,184	FALSE
0,005	0,276	-0,002	0,010	0,079	FALSE
0,103	0,291	0,002	0,007	0,130	FALSE
-0,001	0,294	0,000	0,008	0,016	FALSE
-0,029	0,290	-0,002	0,009	0,066	FALSE
0,025	0,298	0,002	0,009	0,077	FALSE
0,054	0,283	0,003	0,011	0,108	FALSE
0,041	0,296	0,001	0,007	0,039	FALSE
0,131	0,287	0,006	0,012	0,185	FALSE
0,072	0,277	0,006	0,012	0,204	FALSE
0,038	0,295	-0,001	0,010	0,024	FALSE
0,053	0,288	0,002	0,007	0,079	FALSE
0,053	0,289	0,001	0,008	0,067	FALSE
-0,060	0,290	-0,002	0,008	0,090	FALSE
-0,126	0,290	-0,004	0,013	0,123	FALSE
-0,131	0,283	-0,004	0,013	0,111	FALSE
-0,019	0,313	0,000	0,012	0,006	FALSE
-0,046	0,296	0,000	0,011	0,012	FALSE
0,004	0,297	0,000	0,011	0,015	FALSE
0,021	0,290	0,001	0,011	0,033	FALSE
0,007	0,292	0,001	0,011	0,023	FALSE
-0,009	0,289	0,000	0,008	0,004	FALSE
0,074	0,289	0,001	0,007	0,026	FALSE
0,081	0,290	0,002	0,007	0,132	FALSE
-0,055	0,277	-0,004	0,011	0,144	FALSE
0,066	0,295	0,002	0,008	0,100	FALSE
0,065	0,280	0,002	0,008	0,087	FALSE
0,059	0,294	0,002	0,009	0,087	FALSE
0,043	0,284	0,001	0,008	0,068	FALSE
0,015	0,285	0,000	0,009	0,011	FALSE
0,196	0,279	0,009	0,012	0,377	FALSE
-0,172	0,280	-0,008	0,012	0,306	FALSE
0,167	0,276	0,008	0,012	0,306	FALSE

0,048	0,296	0,000	0,009	0,018	FALSE
0,104	0,290	0,002	0,010	0,082	FALSE
-0,047	0,289	0,000	0,006	0,019	FALSE
-0,016	0,284	0,002	0,013	0,053	FALSE
-0,004	0,295	0,001	0,013	0,024	FALSE
-0,109	0,278	-0,003	0,007	0,178	FALSE
-0,008	0,288	-0,003	0,010	0,096	FALSE
-0,038	0,291	-0,001	0,008	0,069	FALSE
0,046	0,290	0,002	0,007	0,093	FALSE
0,096	0,278	0,002	0,008	0,094	FALSE
0,025	0,286	0,000	0,011	0,000	FALSE
-0,025	0,287	0,000	0,008	0,016	FALSE
0,096	0,279	0,004	0,012	0,136	FALSE
0,059	0,286	0,003	0,013	0,084	FALSE
0,002	0,287	-0,001	0,010	0,033	FALSE
-0,023	0,279	-0,002	0,010	0,079	FALSE
0,240	0,279	0,008	0,012	0,311	FALSE
-0,104	0,312	-0,002	0,014	0,066	FALSE
-0,013	0,306	0,000	0,011	0,008	FALSE
-0,186	0,293	-0,006	0,008	0,307	FALSE
0,048	0,277	0,002	0,010	0,096	FALSE
0,079	0,277	0,003	0,009	0,115	FALSE
0,134	0,296	0,005	0,010	0,202	FALSE
0,084	0,279	0,004	0,011	0,162	FALSE
0,156	0,290	0,004	0,008	0,217	FALSE
-0,187	0,283	-0,003	0,007	0,180	FALSE
0,041	0,291	0,001	0,007	0,065	FALSE
0,014	0,294	0,001	0,009	0,026	FALSE
0,187	0,286	0,006	0,011	0,243	FALSE
-0,090	0,287	-0,001	0,007	0,056	FALSE
-0,074	0,276	-0,003	0,009	0,120	FALSE
-0,117	0,278	-0,003	0,008	0,171	FALSE
-0,080	0,289	-0,004	0,010	0,161	FALSE
-0,045	0,296	-0,001	0,007	0,045	FALSE
0,046	0,289	0,003	0,012	0,078	FALSE
0,039	0,296	0,001	0,011	0,037	FALSE
-0,055	0,285	-0,002	0,008	0,107	FALSE
0,077	0,294	0,002	0,010	0,093	FALSE
-0,014	0,292	0,000	0,009	0,008	FALSE
-0,022	0,283	0,001	0,010	0,025	FALSE
0,040	0,302	0,002	0,013	0,058	FALSE
-0,007	0,297	0,000	0,007	0,018	FALSE
0,050	0,294	0,002	0,012	0,068	FALSE
-0,032	0,287	-0,001	0,007	0,041	FALSE
-0,055	0,278	-0,001	0,008	0,055	FALSE
-0,094	0,280	-0,002	0,011	0,076	FALSE
0,043	0,302	-0,001	0,007	0,031	FALSE
0,029	0,315	0,002	0,013	0,062	FALSE
-0,005	0,300	0,001	0,012	0,028	FALSE
0,127	0,281	0,003	0,013	0,081	FALSE
0,003	0,306	-0,002	0,011	0,054	FALSE
0,042	0,282	0,001	0,007	0,038	FALSE
-0,102	0,286	-0,003	0,008	0,144	FALSE

0,027	0,302	0,001	0,008	0,027	FALSE
0,098	0,291	0,003	0,011	0,100	FALSE
0,064	0,292	0,001	0,008	0,062	FALSE
-0,033	0,289	-0,002	0,011	0,065	FALSE
0,077	0,269	0,004	0,009	0,161	FALSE
0,069	0,292	0,003	0,012	0,082	FALSE
0,078	0,302	0,003	0,012	0,107	FALSE
0,097	0,286	0,004	0,012	0,132	FALSE
-0,052	0,275	-0,001	0,012	0,023	FALSE
-0,061	0,281	-0,001	0,007	0,045	FALSE
0,084	0,302	0,002	0,008	0,108	FALSE
-0,056	0,285	-0,001	0,009	0,056	FALSE
0,035	0,300	0,000	0,011	0,014	FALSE
0,051	0,294	0,002	0,009	0,085	FALSE
-0,052	0,292	-0,001	0,008	0,038	FALSE
-0,071	0,299	-0,001	0,014	0,023	FALSE
-0,061	0,294	-0,001	0,013	0,020	FALSE
-0,042	0,284	0,000	0,013	0,013	FALSE
0,082	0,283	0,002	0,008	0,090	FALSE
-0,002	0,288	0,001	0,008	0,048	FALSE
0,011	0,293	0,002	0,008	0,070	FALSE
0,046	0,295	0,001	0,008	0,047	FALSE
-0,003	0,290	-0,001	0,010	0,032	FALSE
-0,110	0,299	-0,004	0,010	0,151	FALSE
-0,002	0,293	0,000	0,006	0,010	FALSE
-0,047	0,286	-0,003	0,012	0,088	FALSE
0,167	0,282	0,006	0,012	0,236	FALSE
-0,103	0,269	-0,005	0,009	0,247	FALSE
0,028	0,299	0,001	0,012	0,046	FALSE
0,092	0,282	0,003	0,008	0,168	FALSE
0,006	0,285	0,001	0,007	0,069	FALSE
-0,058	0,282	-0,002	0,008	0,096	FALSE
0,235	0,271	0,008	0,012	0,289	FALSE
0,148	0,293	0,003	0,012	0,107	FALSE
0,075	0,284	0,005	0,010	0,205	FALSE
0,130	0,285	0,007	0,012	0,265	FALSE
0,083	0,296	0,001	0,013	0,029	FALSE
0,003	0,299	0,001	0,007	0,055	FALSE
-0,046	0,297	-0,002	0,012	0,069	FALSE
0,044	0,285	0,001	0,009	0,061	FALSE
-0,001	0,288	0,001	0,012	0,016	FALSE
0,080	0,283	0,002	0,007	0,121	FALSE
-0,040	0,293	-0,001	0,007	0,037	FALSE
-0,110	0,298	-0,004	0,010	0,149	FALSE
0,077	0,275	0,003	0,006	0,183	FALSE
0,062	0,289	0,001	0,008	0,068	FALSE
-0,024	0,301	-0,002	0,012	0,064	FALSE
0,027	0,298	0,001	0,008	0,028	FALSE
0,038	0,279	0,002	0,007	0,087	FALSE
0,103	0,284	0,003	0,013	0,094	FALSE
-0,082	0,287	-0,002	0,009	0,075	FALSE
0,106	0,285	0,003	0,009	0,113	FALSE
-0,040	0,301	-0,001	0,010	0,050	FALSE

-0,039	0,306	-0,001	0,011	0,038	FALSE
-0,014	0,292	-0,003	0,013	0,095	FALSE
0,052	0,298	0,004	0,013	0,131	FALSE
-0,015	0,276	0,000	0,006	0,015	FALSE
0,036	0,290	0,002	0,012	0,052	FALSE
0,054	0,298	0,001	0,010	0,036	FALSE
-0,097	0,298	-0,002	0,008	0,112	FALSE
0,051	0,292	0,002	0,011	0,081	FALSE
-0,011	0,285	0,001	0,013	0,028	FALSE
-0,082	0,280	0,000	0,013	0,010	FALSE
-0,150	0,284	-0,004	0,011	0,155	FALSE
-0,012	0,290	0,001	0,010	0,020	FALSE
-0,070	0,290	-0,001	0,013	0,029	FALSE
0,118	0,293	0,003	0,011	0,103	FALSE
-0,133	0,283	-0,004	0,010	0,158	FALSE
0,169	0,271	0,009	0,012	0,330	FALSE
-0,099	0,299	-0,002	0,008	0,095	FALSE
-0,058	0,286	-0,001	0,008	0,052	FALSE
0,155	0,298	0,005	0,010	0,223	FALSE
-0,059	0,303	-0,003	0,010	0,118	FALSE
-0,046	0,278	0,000	0,010	0,002	FALSE
-0,067	0,300	-0,003	0,009	0,115	FALSE
-0,060	0,295	-0,002	0,008	0,110	FALSE
-0,077	0,290	-0,003	0,009	0,146	FALSE
-0,031	0,307	-0,003	0,010	0,110	FALSE
-0,035	0,281	0,000	0,012	0,010	FALSE
-0,051	0,285	-0,001	0,007	0,038	FALSE
0,013	0,289	0,000	0,006	0,005	FALSE
0,028	0,276	0,000	0,011	0,008	FALSE
-0,041	0,289	-0,001	0,012	0,022	FALSE
-0,042	0,288	0,000	0,012	0,006	FALSE
-0,013	0,288	0,001	0,012	0,022	FALSE
-0,039	0,285	0,000	0,011	0,015	FALSE
-0,022	0,281	0,000	0,011	0,004	FALSE
-0,061	0,299	-0,001	0,012	0,035	FALSE
-0,077	0,289	-0,004	0,012	0,114	FALSE
0,026	0,292	0,000	0,008	0,022	FALSE
0,063	0,285	0,001	0,007	0,077	FALSE
0,079	0,293	0,003	0,007	0,184	FALSE
0,188	0,277	0,003	0,008	0,175	FALSE
-0,053	0,284	-0,002	0,007	0,096	FALSE
0,003	0,289	0,001	0,007	0,047	FALSE
0,040	0,281	0,002	0,008	0,110	FALSE
-0,034	0,280	-0,001	0,008	0,066	FALSE
-0,043	0,289	0,000	0,010	0,014	FALSE
-0,151	0,291	-0,004	0,009	0,194	FALSE
-0,032	0,287	-0,001	0,012	0,041	FALSE
0,004	0,297	-0,001	0,013	0,020	FALSE
-0,114	0,291	-0,003	0,007	0,157	FALSE
-0,107	0,282	-0,004	0,008	0,207	FALSE
-0,065	0,284	-0,001	0,008	0,072	FALSE
-0,068	0,283	-0,002	0,007	0,086	FALSE
0,000	0,288	0,000	0,009	0,003	FALSE

-0,088	0,288	-0,003	0,012	0,108	FALSE
-0,099	0,284	-0,002	0,007	0,118	FALSE
0,070	0,287	0,003	0,012	0,088	FALSE
-0,168	0,290	-0,004	0,008	0,229	FALSE
-0,068	0,270	-0,001	0,008	0,032	FALSE
0,045	0,288	0,001	0,006	0,071	FALSE
0,115	0,289	0,004	0,007	0,218	FALSE
0,105	0,286	0,004	0,008	0,215	FALSE
-0,041	0,277	-0,003	0,010	0,107	FALSE
0,019	0,305	0,000	0,008	0,001	FALSE
0,012	0,282	0,001	0,012	0,033	FALSE
0,008	0,289	0,001	0,007	0,075	FALSE
0,000	0,286	-0,001	0,012	0,023	FALSE
0,023	0,299	-0,001	0,009	0,029	FALSE
-0,056	0,284	-0,001	0,007	0,061	FALSE
-0,089	0,287	-0,005	0,012	0,149	FALSE
0,116	0,283	0,004	0,006	0,249	FALSE
0,116	0,288	0,004	0,012	0,125	FALSE
0,166	0,277	0,006	0,012	0,200	FALSE
-0,047	0,290	0,000	0,011	0,008	FALSE
0,021	0,292	0,000	0,009	0,005	FALSE
0,095	0,294	0,001	0,013	0,034	FALSE
0,121	0,293	0,005	0,012	0,158	FALSE
0,093	0,291	0,003	0,010	0,115	FALSE
-0,187	0,270	-0,006	0,010	0,239	FALSE
0,166	0,291	0,004	0,012	0,118	FALSE
-0,129	0,288	-0,004	0,010	0,137	FALSE
0,099	0,286	0,004	0,008	0,187	FALSE
0,108	0,292	0,004	0,008	0,186	FALSE
-0,173	0,276	-0,005	0,010	0,190	FALSE
0,223	0,297	0,006	0,008	0,335	FALSE
-0,024	0,277	-0,002	0,008	0,123	FALSE
-0,126	0,292	-0,005	0,009	0,213	FALSE
0,021	0,286	0,002	0,006	0,094	FALSE
0,052	0,299	0,002	0,007	0,099	FALSE
-0,120	0,297	-0,003	0,009	0,129	FALSE
-0,011	0,301	0,000	0,006	0,022	FALSE
-0,050	0,301	-0,002	0,013	0,047	FALSE
-0,015	0,292	0,000	0,012	0,012	FALSE
0,075	0,276	0,001	0,013	0,040	FALSE
0,040	0,284	0,001	0,008	0,042	FALSE
0,019	0,297	0,001	0,012	0,028	FALSE
0,068	0,286	0,002	0,011	0,065	FALSE
-0,051	0,296	-0,002	0,010	0,064	FALSE
-0,009	0,290	0,000	0,007	0,002	FALSE
0,111	0,293	0,004	0,009	0,183	FALSE
-0,109	0,289	-0,005	0,013	0,163	FALSE
-0,019	0,280	-0,001	0,006	0,035	FALSE
-0,122	0,283	-0,002	0,006	0,130	FALSE
0,028	0,280	0,002	0,007	0,127	FALSE
-0,107	0,296	-0,003	0,008	0,133	FALSE
0,054	0,312	0,002	0,013	0,048	FALSE
0,108	0,296	0,007	0,013	0,235	FALSE

0,027	0,299	0,000	0,011	0,010	FALSE
-0,105	0,291	-0,005	0,012	0,158	FALSE
-0,075	0,286	-0,001	0,007	0,051	FALSE
0,067	0,297	0,001	0,008	0,043	FALSE
0,065	0,280	0,002	0,007	0,117	FALSE
-0,054	0,298	-0,002	0,008	0,102	FALSE
-0,017	0,299	-0,002	0,011	0,057	FALSE
-0,035	0,277	-0,003	0,013	0,108	FALSE
0,127	0,298	0,006	0,013	0,193	FALSE
0,011	0,292	0,001	0,008	0,024	FALSE
0,038	0,281	0,001	0,010	0,048	FALSE
0,161	0,280	0,005	0,008	0,316	FALSE
0,045	0,279	0,002	0,008	0,090	FALSE
0,070	0,293	0,003	0,008	0,130	FALSE
0,142	0,293	0,005	0,012	0,160	FALSE
0,173	0,282	0,006	0,011	0,228	FALSE
0,040	0,289	0,002	0,010	0,072	FALSE
0,086	0,293	0,003	0,007	0,139	FALSE
-0,078	0,287	-0,002	0,008	0,098	FALSE
-0,085	0,295	-0,001	0,012	0,037	FALSE
0,002	0,291	0,001	0,013	0,016	FALSE
-0,018	0,301	-0,001	0,013	0,016	FALSE
-0,009	0,294	0,001	0,013	0,041	FALSE
0,107	0,277	0,003	0,008	0,125	FALSE
0,018	0,314	0,001	0,013	0,020	FALSE
-0,020	0,300	0,000	0,013	0,008	FALSE
0,000	0,313	0,000	0,013	0,003	FALSE
-0,051	0,300	-0,002	0,012	0,059	FALSE
0,109	0,289	0,004	0,010	0,153	FALSE
-0,030	0,305	-0,001	0,011	0,036	FALSE
0,061	0,276	0,001	0,009	0,062	FALSE
-0,070	0,295	-0,002	0,013	0,069	FALSE
-0,067	0,281	-0,002	0,009	0,091	FALSE
0,078	0,284	0,002	0,011	0,083	FALSE
0,114	0,284	0,004	0,012	0,124	FALSE
-0,032	0,287	-0,003	0,012	0,077	FALSE
0,113	0,286	0,004	0,010	0,182	FALSE
-0,048	0,278	0,001	0,011	0,021	FALSE
-0,075	0,293	-0,001	0,007	0,076	FALSE
-0,056	0,295	-0,001	0,006	0,040	FALSE
-0,072	0,291	-0,002	0,008	0,083	FALSE
0,028	0,286	0,000	0,007	0,018	FALSE
0,020	0,299	-0,001	0,014	0,030	FALSE
0,021	0,275	0,000	0,012	0,008	FALSE
-0,083	0,294	-0,001	0,008	0,044	FALSE
-0,063	0,285	-0,004	0,011	0,138	FALSE
-0,074	0,292	-0,004	0,012	0,146	FALSE
0,047	0,290	0,001	0,007	0,062	FALSE
-0,058	0,296	-0,001	0,009	0,046	FALSE
0,064	0,295	0,002	0,012	0,057	FALSE
-0,051	0,285	-0,005	0,013	0,169	FALSE
0,074	0,290	0,005	0,012	0,161	FALSE
-0,063	0,284	-0,005	0,013	0,149	FALSE

-0,036	0,289	-0,004	0,013	0,122	FALSE
0,058	0,286	0,001	0,007	0,068	FALSE
0,061	0,307	0,003	0,010	0,097	FALSE
-0,093	0,296	-0,003	0,012	0,110	FALSE
0,075	0,285	0,001	0,010	0,054	FALSE
-0,042	0,289	-0,001	0,008	0,062	FALSE
-0,026	0,293	0,000	0,007	0,024	FALSE
-0,021	0,290	0,000	0,007	0,017	FALSE
-0,027	0,299	-0,001	0,007	0,048	FALSE
-0,012	0,298	0,000	0,013	0,010	FALSE
0,047	0,295	0,002	0,012	0,054	FALSE
0,045	0,297	0,001	0,013	0,015	FALSE
-0,088	0,285	-0,003	0,012	0,109	FALSE
-0,013	0,294	-0,001	0,008	0,034	FALSE
0,068	0,295	0,003	0,013	0,098	FALSE
-0,138	0,294	-0,003	0,007	0,189	FALSE
0,034	0,286	0,001	0,012	0,017	FALSE
-0,019	0,284	0,000	0,012	0,011	FALSE
0,071	0,298	0,001	0,011	0,037	FALSE
-0,018	0,282	0,000	0,007	0,001	FALSE
-0,062	0,288	0,000	0,011	0,005	FALSE
0,019	0,297	0,000	0,009	0,018	FALSE
0,007	0,296	0,002	0,009	0,065	FALSE
0,059	0,288	0,002	0,007	0,093	FALSE
-0,147	0,257	-0,003	0,009	0,141	FALSE
-0,015	0,271	0,000	0,009	0,001	FALSE
0,173	0,284	0,006	0,012	0,192	FALSE
0,022	0,294	0,002	0,013	0,061	FALSE
-0,105	0,293	-0,004	0,011	0,130	FALSE
0,064	0,272	0,003	0,012	0,101	FALSE
-0,006	0,278	-0,001	0,007	0,035	FALSE
-0,050	0,301	-0,002	0,013	0,069	FALSE
0,141	0,285	0,003	0,011	0,124	FALSE
0,012	0,303	-0,001	0,009	0,026	FALSE
0,019	0,288	0,000	0,007	0,002	FALSE
0,013	0,287	0,000	0,007	0,015	FALSE
-0,042	0,293	-0,002	0,007	0,092	FALSE
0,015	0,293	0,001	0,009	0,027	FALSE
-0,003	0,294	0,000	0,010	0,017	FALSE
0,050	0,293	0,001	0,007	0,026	FALSE
0,054	0,287	0,000	0,009	0,012	FALSE
-0,057	0,299	-0,001	0,007	0,061	FALSE
-0,009	0,272	-0,001	0,006	0,041	FALSE
-0,076	0,297	-0,002	0,009	0,081	FALSE
-0,078	0,290	-0,002	0,009	0,075	FALSE
-0,063	0,293	-0,001	0,010	0,048	FALSE
0,209	0,277	0,006	0,010	0,281	FALSE
0,064	0,293	0,002	0,006	0,130	FALSE
-0,041	0,285	0,000	0,007	0,020	FALSE
-0,112	0,294	-0,005	0,011	0,197	FALSE
-0,067	0,293	-0,003	0,013	0,074	FALSE
0,100	0,279	0,004	0,013	0,116	FALSE
0,116	0,297	0,002	0,009	0,079	FALSE

-0,193	0,286	-0,007	0,011	0,267	FALSE
0,201	0,289	0,003	0,007	0,184	FALSE
-0,095	0,283	-0,004	0,010	0,178	FALSE
-0,022	0,290	0,000	0,009	0,013	FALSE
-0,014	0,289	0,000	0,009	0,006	FALSE
0,028	0,299	-0,002	0,012	0,046	FALSE
-0,107	0,284	-0,002	0,012	0,068	FALSE
-0,082	0,294	-0,002	0,007	0,117	FALSE
0,122	0,296	0,001	0,013	0,027	FALSE
-0,041	0,287	-0,001	0,007	0,072	FALSE
0,074	0,296	0,005	0,013	0,159	FALSE
0,088	0,273	0,002	0,008	0,076	FALSE
0,112	0,276	0,003	0,012	0,084	FALSE
0,171	0,283	0,005	0,010	0,222	FALSE
0,220	0,263	0,007	0,008	0,405	FALSE
0,051	0,299	0,000	0,007	0,008	FALSE
0,185	0,283	0,009	0,013	0,305	FALSE
0,067	0,290	0,001	0,007	0,030	FALSE
-0,100	0,293	-0,002	0,009	0,095	FALSE
0,081	0,279	0,001	0,007	0,076	FALSE
0,135	0,301	0,003	0,008	0,153	FALSE
0,000	0,295	0,001	0,007	0,026	FALSE
-0,053	0,276	-0,002	0,012	0,059	FALSE
0,105	0,284	0,004	0,010	0,171	FALSE
0,132	0,279	0,006	0,012	0,190	FALSE
0,086	0,283	0,004	0,010	0,148	FALSE
-0,099	0,287	-0,003	0,007	0,142	FALSE
-0,088	0,284	-0,002	0,007	0,108	FALSE
-0,045	0,296	-0,002	0,008	0,083	FALSE
-0,074	0,299	-0,002	0,010	0,087	FALSE
0,017	0,285	0,000	0,009	0,011	FALSE
0,020	0,287	0,000	0,008	0,005	FALSE
0,043	0,292	0,001	0,010	0,030	FALSE
-0,072	0,283	-0,003	0,011	0,125	FALSE
-0,065	0,276	0,001	0,011	0,016	FALSE
-0,124	0,279	-0,002	0,011	0,069	FALSE
0,054	0,296	0,001	0,011	0,023	FALSE
0,047	0,289	0,003	0,012	0,076	FALSE
-0,014	0,291	0,000	0,010	0,002	FALSE
0,062	0,285	0,001	0,011	0,017	FALSE
0,025	0,288	0,001	0,008	0,055	FALSE
0,030	0,302	-0,001	0,007	0,037	FALSE
-0,187	0,285	-0,008	0,012	0,283	FALSE
-0,153	0,286	-0,006	0,013	0,208	FALSE
-0,003	0,305	-0,001	0,012	0,020	FALSE
-0,123	0,272	-0,006	0,010	0,252	FALSE
-0,023	0,291	-0,002	0,013	0,047	FALSE
-0,063	0,299	-0,001	0,006	0,062	FALSE
0,111	0,285	0,004	0,006	0,240	FALSE
-0,021	0,290	-0,001	0,008	0,071	FALSE
-0,095	0,296	-0,003	0,011	0,123	FALSE
-0,141	0,282	-0,006	0,010	0,244	FALSE
-0,009	0,301	-0,001	0,008	0,031	FALSE

0,006	0,279	-0,001	0,012	0,023	FALSE
-0,162	0,280	-0,003	0,007	0,165	FALSE
0,098	0,299	0,001	0,007	0,053	FALSE
0,056	0,298	0,002	0,008	0,092	FALSE
-0,007	0,292	-0,002	0,010	0,060	FALSE
-0,105	0,294	-0,005	0,013	0,155	FALSE
0,082	0,294	0,002	0,009	0,068	FALSE
-0,128	0,295	-0,003	0,007	0,213	FALSE
-0,217	0,286	-0,008	0,010	0,368	FALSE
-0,045	0,282	-0,001	0,006	0,084	FALSE
-0,061	0,285	-0,002	0,008	0,070	FALSE
-0,040	0,293	-0,001	0,008	0,053	FALSE
-0,059	0,290	-0,002	0,013	0,042	FALSE
0,033	0,299	0,002	0,009	0,069	FALSE
-0,046	0,291	-0,002	0,011	0,058	FALSE
-0,109	0,286	-0,001	0,008	0,058	FALSE
0,106	0,298	0,004	0,013	0,125	FALSE
-0,061	0,297	-0,002	0,010	0,071	FALSE
-0,083	0,288	-0,003	0,012	0,111	FALSE
0,039	0,292	0,000	0,007	0,014	FALSE
-0,061	0,287	-0,003	0,008	0,127	FALSE
0,035	0,288	0,001	0,007	0,066	FALSE
0,082	0,282	0,004	0,012	0,118	FALSE
-0,020	0,297	0,000	0,007	0,010	FALSE
-0,059	0,291	-0,001	0,012	0,028	FALSE
-0,085	0,277	-0,002	0,011	0,056	FALSE
-0,078	0,286	-0,001	0,007	0,074	FALSE
-0,124	0,286	-0,002	0,008	0,091	FALSE
-0,027	0,284	0,000	0,007	0,008	FALSE
-0,095	0,272	-0,004	0,011	0,150	FALSE
0,063	0,294	0,002	0,012	0,067	FALSE
0,096	0,277	0,004	0,012	0,129	FALSE
-0,112	0,289	-0,004	0,010	0,193	FALSE
-0,015	0,287	0,000	0,014	0,005	FALSE
-0,056	0,294	-0,003	0,012	0,093	FALSE
0,033	0,298	0,002	0,009	0,093	FALSE
0,091	0,302	0,001	0,006	0,082	FALSE
-0,020	0,292	0,000	0,012	0,003	FALSE
0,004	0,303	0,000	0,008	0,011	FALSE
0,051	0,299	0,001	0,008	0,058	FALSE
0,101	0,289	0,005	0,012	0,174	FALSE
0,063	0,301	0,004	0,012	0,121	FALSE
-0,053	0,290	0,000	0,012	0,009	FALSE
-0,042	0,286	0,000	0,006	0,009	FALSE
-0,146	0,281	-0,003	0,006	0,211	FALSE
0,021	0,287	-0,002	0,012	0,050	FALSE
0,020	0,293	0,000	0,008	0,000	FALSE
0,085	0,293	0,002	0,007	0,087	FALSE
-0,062	0,278	-0,002	0,006	0,115	FALSE
0,224	0,269	0,006	0,007	0,442	FALSE
-0,055	0,297	-0,001	0,007	0,075	FALSE
0,004	0,279	0,001	0,007	0,049	FALSE
-0,060	0,275	-0,004	0,012	0,146	FALSE

-0,107	0,279	-0,007	0,013	0,224	FALSE
0,056	0,290	0,001	0,012	0,020	FALSE
0,046	0,286	0,005	0,013	0,144	FALSE
0,069	0,287	0,004	0,011	0,140	FALSE
0,113	0,278	0,006	0,011	0,224	FALSE
0,001	0,276	0,000	0,009	0,004	FALSE
-0,073	0,291	-0,001	0,008	0,073	FALSE
-0,001	0,286	0,000	0,010	0,005	FALSE
0,010	0,289	0,000	0,009	0,004	FALSE
0,038	0,287	0,001	0,009	0,027	FALSE
-0,065	0,292	-0,001	0,007	0,039	FALSE
0,074	0,294	0,003	0,013	0,086	FALSE
-0,032	0,299	-0,001	0,008	0,026	FALSE
0,011	0,287	0,000	0,007	0,009	FALSE
-0,010	0,285	0,001	0,007	0,030	FALSE
-0,011	0,275	0,000	0,009	0,008	FALSE
-0,155	0,295	-0,004	0,009	0,203	FALSE
0,235	0,271	0,009	0,012	0,310	FALSE
-0,048	0,284	-0,001	0,008	0,050	FALSE
-0,132	0,300	-0,004	0,012	0,129	FALSE
-0,112	0,292	-0,003	0,011	0,089	FALSE
-0,179	0,283	-0,005	0,010	0,199	FALSE
0,053	0,297	0,001	0,011	0,022	FALSE
-0,069	0,284	-0,002	0,008	0,089	FALSE
-0,158	0,281	-0,006	0,011	0,228	FALSE
-0,003	0,300	0,001	0,009	0,032	FALSE
-0,020	0,289	0,000	0,012	0,001	FALSE
0,127	0,299	0,003	0,007	0,186	FALSE
0,046	0,283	0,002	0,008	0,087	FALSE
0,070	0,296	0,001	0,010	0,056	FALSE
0,107	0,280	0,005	0,010	0,183	FALSE
0,034	0,308	0,000	0,007	0,022	FALSE
-0,147	0,295	-0,005	0,011	0,169	FALSE
-0,044	0,278	-0,001	0,009	0,025	FALSE
-0,088	0,285	-0,002	0,007	0,137	FALSE
-0,044	0,300	-0,002	0,010	0,070	FALSE
-0,018	0,292	-0,002	0,009	0,073	FALSE
0,012	0,300	0,001	0,009	0,032	FALSE
0,080	0,307	0,002	0,007	0,114	FALSE
0,010	0,291	0,000	0,007	0,011	FALSE
-0,071	0,289	-0,003	0,012	0,078	FALSE
-0,005	0,303	-0,003	0,013	0,073	FALSE
0,125	0,281	0,004	0,011	0,126	FALSE
-0,095	0,290	-0,005	0,012	0,176	FALSE
-0,042	0,297	-0,003	0,012	0,109	FALSE
-0,096	0,291	-0,002	0,007	0,110	FALSE
0,174	0,279	0,009	0,011	0,390	FALSE
0,148	0,274	0,008	0,011	0,353	FALSE
0,125	0,291	0,004	0,007	0,231	FALSE
0,012	0,277	-0,003	0,011	0,093	FALSE
-0,015	0,290	0,000	0,011	0,012	FALSE
0,077	0,285	0,002	0,010	0,071	FALSE
-0,026	0,290	-0,002	0,011	0,069	FALSE

-0,040	0,298	-0,001	0,008	0,034	FALSE
-0,126	0,278	-0,002	0,009	0,089	FALSE
0,138	0,299	0,004	0,012	0,135	FALSE
0,049	0,299	0,001	0,012	0,041	FALSE
0,124	0,270	0,003	0,013	0,094	FALSE
-0,078	0,290	-0,001	0,007	0,079	FALSE
0,039	0,281	0,001	0,009	0,042	FALSE
-0,013	0,299	0,000	0,006	0,006	FALSE
-0,063	0,292	-0,001	0,009	0,034	FALSE
-0,044	0,285	-0,002	0,012	0,064	FALSE
-0,189	0,285	-0,007	0,010	0,280	FALSE
0,037	0,304	0,001	0,011	0,048	FALSE
0,210	0,288	0,006	0,008	0,394	FALSE
0,002	0,294	0,000	0,011	0,003	FALSE
-0,110	0,288	-0,004	0,011	0,166	FALSE
0,077	0,278	0,003	0,010	0,111	FALSE
0,071	0,293	0,003	0,011	0,094	FALSE
-0,086	0,293	-0,005	0,012	0,148	FALSE
0,005	0,301	0,000	0,007	0,012	FALSE
-0,050	0,307	-0,001	0,008	0,063	FALSE
0,034	0,292	0,001	0,008	0,059	FALSE
0,127	0,282	0,005	0,011	0,164	FALSE
0,010	0,290	0,000	0,007	0,000	FALSE
-0,079	0,297	-0,004	0,013	0,121	FALSE
-0,032	0,299	-0,001	0,009	0,056	FALSE
-0,008	0,289	-0,001	0,011	0,024	FALSE
0,039	0,296	0,001	0,007	0,053	FALSE
0,079	0,292	0,004	0,008	0,184	FALSE
-0,126	0,306	-0,003	0,007	0,193	FALSE
-0,134	0,284	-0,005	0,009	0,211	FALSE
0,015	0,292	0,001	0,008	0,024	FALSE
0,051	0,295	0,002	0,009	0,082	FALSE
0,101	0,288	0,005	0,009	0,208	FALSE
0,102	0,302	0,003	0,008	0,169	FALSE
-0,055	0,288	-0,001	0,007	0,042	FALSE
0,110	0,307	0,006	0,013	0,198	FALSE
0,134	0,299	0,004	0,008	0,208	FALSE
-0,090	0,283	-0,006	0,012	0,228	FALSE
0,085	0,306	0,004	0,013	0,103	FALSE
-0,049	0,302	-0,002	0,010	0,080	FALSE
0,008	0,284	0,001	0,007	0,058	FALSE
-0,063	0,289	-0,002	0,011	0,057	FALSE
-0,040	0,279	-0,001	0,010	0,047	FALSE
0,015	0,284	0,001	0,010	0,031	FALSE
0,072	0,289	0,003	0,013	0,093	FALSE
0,066	0,295	0,003	0,010	0,131	FALSE
0,065	0,292	0,003	0,010	0,124	FALSE
0,093	0,303	0,003	0,014	0,098	FALSE
-0,098	0,286	-0,003	0,011	0,116	FALSE
-0,013	0,286	0,001	0,011	0,024	FALSE
0,072	0,285	0,001	0,008	0,043	FALSE
-0,055	0,287	-0,002	0,011	0,080	FALSE
-0,087	0,304	-0,002	0,007	0,088	FALSE

-0,009	0,294	0,002	0,013	0,054	FALSE
-0,117	0,281	-0,002	0,008	0,103	FALSE
-0,160	0,290	-0,003	0,007	0,153	FALSE
0,077	0,286	0,002	0,006	0,097	FALSE
0,033	0,285	0,002	0,006	0,148	FALSE
0,011	0,291	0,000	0,012	0,010	FALSE
-0,175	0,287	-0,004	0,007	0,250	FALSE
-0,032	0,289	-0,001	0,013	0,036	FALSE
0,004	0,283	-0,001	0,010	0,032	FALSE
0,036	0,290	0,003	0,013	0,088	FALSE
0,026	0,286	0,000	0,008	0,009	FALSE
-0,093	0,280	-0,006	0,012	0,212	FALSE
-0,113	0,283	-0,007	0,012	0,249	FALSE
-0,120	0,269	-0,008	0,012	0,296	FALSE
0,085	0,294	0,004	0,012	0,141	FALSE
0,023	0,288	0,003	0,010	0,098	FALSE
-0,134	0,279	-0,006	0,011	0,245	FALSE
-0,069	0,293	-0,004	0,013	0,127	FALSE
-0,005	0,288	0,000	0,009	0,010	FALSE
0,007	0,289	-0,002	0,011	0,067	FALSE
-0,075	0,286	-0,004	0,013	0,131	FALSE
-0,100	0,285	-0,006	0,013	0,188	FALSE
-0,049	0,276	-0,004	0,011	0,123	FALSE
-0,076	0,277	0,000	0,007	0,010	FALSE
-0,018	0,282	-0,003	0,012	0,091	FALSE
-0,036	0,289	-0,003	0,012	0,087	FALSE
0,104	0,295	0,005	0,012	0,175	FALSE
0,105	0,296	0,006	0,012	0,191	FALSE
-0,035	0,281	-0,001	0,010	0,020	FALSE
0,019	0,274	0,001	0,007	0,054	FALSE
0,065	0,289	0,001	0,011	0,041	FALSE
-0,037	0,298	-0,001	0,010	0,025	FALSE
0,029	0,300	0,001	0,009	0,030	FALSE
0,018	0,288	-0,001	0,008	0,064	FALSE
0,021	0,294	0,001	0,008	0,045	FALSE
-0,141	0,277	-0,002	0,006	0,120	FALSE
-0,093	0,292	-0,002	0,010	0,092	FALSE
-0,190	0,278	-0,004	0,007	0,288	FALSE
0,026	0,288	0,001	0,008	0,024	FALSE
0,052	0,290	0,000	0,012	0,003	FALSE
0,002	0,295	0,000	0,009	0,009	FALSE
0,083	0,285	0,004	0,008	0,207	FALSE
-0,032	0,289	0,000	0,006	0,020	FALSE
0,002	0,299	0,000	0,013	0,008	FALSE
-0,095	0,267	-0,001	0,006	0,062	FALSE
-0,015	0,298	0,000	0,009	0,003	FALSE
-0,001	0,302	-0,001	0,011	0,034	FALSE
0,006	0,289	-0,001	0,007	0,063	FALSE
-0,033	0,288	-0,002	0,007	0,104	FALSE
0,013	0,293	0,001	0,009	0,029	FALSE
0,021	0,289	0,001	0,006	0,084	FALSE
0,070	0,290	0,001	0,007	0,034	FALSE
0,073	0,298	0,002	0,013	0,060	FALSE

-0,034	0,279	-0,002	0,007	0,103	FALSE
-0,026	0,302	-0,001	0,007	0,069	FALSE
0,091	0,301	0,001	0,007	0,067	FALSE
0,013	0,288	-0,001	0,007	0,053	FALSE
0,013	0,305	0,002	0,011	0,078	FALSE
0,067	0,287	0,000	0,011	0,005	FALSE
0,045	0,293	0,001	0,008	0,039	FALSE
0,100	0,297	0,002	0,009	0,084	FALSE
-0,166	0,272	-0,004	0,007	0,223	FALSE
-0,084	0,290	-0,002	0,007	0,122	FALSE
0,055	0,296	0,001	0,007	0,063	FALSE
-0,048	0,289	-0,002	0,009	0,081	FALSE
0,130	0,295	0,006	0,013	0,183	FALSE
-0,107	0,298	-0,003	0,010	0,099	FALSE
-0,212	0,276	-0,007	0,012	0,237	FALSE
-0,198	0,263	-0,004	0,006	0,240	FALSE
-0,057	0,282	-0,002	0,007	0,117	FALSE
-0,107	0,292	-0,004	0,011	0,138	FALSE
-0,101	0,287	-0,004	0,009	0,168	FALSE
-0,089	0,294	-0,001	0,007	0,033	FALSE
-0,193	0,284	-0,006	0,012	0,211	FALSE
0,143	0,283	0,004	0,009	0,186	FALSE
0,015	0,298	-0,001	0,009	0,024	FALSE
0,044	0,297	0,002	0,006	0,116	FALSE
-0,114	0,306	-0,005	0,011	0,175	FALSE
-0,052	0,299	-0,001	0,008	0,040	FALSE
0,047	0,292	0,001	0,008	0,053	FALSE
-0,144	0,284	-0,006	0,011	0,251	FALSE
-0,034	0,289	-0,001	0,007	0,036	FALSE
-0,005	0,275	-0,001	0,007	0,050	FALSE
0,075	0,287	0,002	0,008	0,074	FALSE
-0,034	0,292	0,000	0,007	0,016	FALSE
-0,029	0,293	0,000	0,012	0,008	FALSE
-0,017	0,293	0,000	0,012	0,008	FALSE
0,185	0,295	0,004	0,006	0,289	FALSE
-0,194	0,282	-0,004	0,008	0,248	FALSE
-0,073	0,303	-0,001	0,013	0,040	FALSE
0,078	0,290	0,002	0,012	0,065	FALSE
0,084	0,310	0,002	0,009	0,084	FALSE
-0,037	0,282	-0,001	0,009	0,058	FALSE
-0,100	0,291	-0,003	0,008	0,140	FALSE
-0,109	0,287	-0,003	0,007	0,206	FALSE
-0,071	0,292	-0,006	0,013	0,176	FALSE
-0,044	0,293	-0,001	0,008	0,064	FALSE
0,040	0,308	0,001	0,011	0,045	FALSE
0,101	0,305	0,003	0,012	0,115	FALSE
0,039	0,281	0,001	0,010	0,055	FALSE
-0,014	0,304	0,002	0,010	0,060	FALSE
-0,130	0,283	-0,004	0,011	0,144	FALSE
-0,008	0,295	-0,001	0,007	0,071	FALSE
0,105	0,292	0,003	0,012	0,083	FALSE
0,091	0,288	0,002	0,007	0,103	FALSE
0,054	0,299	0,001	0,007	0,066	FALSE

-0,122	0,296	-0,002	0,006	0,141	FALSE
0,020	0,287	0,001	0,008	0,063	FALSE
-0,057	0,287	-0,003	0,007	0,153	FALSE
-0,042	0,281	-0,001	0,006	0,056	FALSE
0,016	0,288	0,000	0,011	0,008	FALSE
-0,053	0,297	-0,002	0,013	0,056	FALSE
0,056	0,297	0,001	0,006	0,064	FALSE
-0,021	0,290	0,000	0,009	0,012	FALSE
-0,013	0,290	0,000	0,007	0,022	FALSE
-0,046	0,301	-0,003	0,012	0,081	FALSE
0,133	0,281	0,007	0,010	0,305	FALSE
0,065	0,293	0,003	0,008	0,121	FALSE
0,073	0,273	0,003	0,008	0,146	FALSE
-0,090	0,292	-0,003	0,011	0,106	FALSE
-0,049	0,288	-0,002	0,012	0,055	FALSE
0,063	0,300	0,002	0,008	0,102	FALSE
0,076	0,280	0,003	0,008	0,139	FALSE
0,095	0,288	0,005	0,012	0,165	FALSE
-0,101	0,278	-0,001	0,006	0,071	FALSE
0,023	0,289	0,001	0,010	0,024	FALSE
-0,053	0,293	-0,002	0,008	0,088	FALSE
0,083	0,281	0,002	0,007	0,110	FALSE
-0,140	0,281	-0,006	0,013	0,208	FALSE
-0,026	0,293	-0,002	0,007	0,097	FALSE
0,049	0,299	0,000	0,007	0,001	FALSE
0,056	0,285	0,000	0,007	0,018	FALSE
0,081	0,295	0,001	0,007	0,039	FALSE
0,057	0,289	0,001	0,007	0,045	FALSE
0,054	0,296	0,001	0,012	0,028	FALSE
-0,095	0,295	-0,003	0,007	0,148	FALSE
0,072	0,291	0,003	0,006	0,164	FALSE
0,085	0,297	0,002	0,007	0,082	FALSE
0,109	0,306	0,002	0,007	0,114	FALSE
0,140	0,286	0,004	0,006	0,251	FALSE
-0,036	0,286	-0,002	0,008	0,080	FALSE
-0,024	0,295	0,000	0,011	0,002	FALSE
-0,097	0,294	-0,003	0,006	0,168	FALSE
0,036	0,291	0,001	0,012	0,034	FALSE
-0,010	0,306	0,000	0,010	0,006	FALSE
-0,117	0,282	-0,004	0,012	0,147	FALSE
-0,016	0,288	0,000	0,007	0,012	FALSE
-0,062	0,296	-0,003	0,008	0,181	FALSE
-0,048	0,285	0,000	0,012	0,013	FALSE
-0,045	0,296	-0,001	0,010	0,038	FALSE
-0,124	0,284	-0,003	0,007	0,192	FALSE
0,121	0,288	0,003	0,007	0,176	FALSE
0,016	0,300	0,000	0,013	0,009	FALSE
0,038	0,293	0,001	0,010	0,043	FALSE
-0,013	0,294	-0,001	0,010	0,049	FALSE
0,049	0,292	0,002	0,011	0,077	FALSE
-0,004	0,289	0,001	0,009	0,027	FALSE
-0,016	0,296	0,000	0,013	0,009	FALSE
-0,007	0,291	0,001	0,012	0,015	FALSE

0,004	0,299	0,001	0,012	0,018	FALSE
0,009	0,285	0,001	0,008	0,023	FALSE
0,078	0,291	0,003	0,013	0,086	FALSE
-0,092	0,287	-0,003	0,012	0,097	FALSE
0,094	0,283	0,004	0,013	0,108	FALSE
0,084	0,285	0,004	0,013	0,131	FALSE
0,085	0,307	0,002	0,007	0,092	FALSE
-0,007	0,290	-0,001	0,008	0,032	FALSE
-0,164	0,275	-0,003	0,007	0,176	FALSE
0,053	0,286	0,001	0,011	0,031	FALSE
0,009	0,300	0,000	0,013	0,013	FALSE
-0,139	0,291	-0,002	0,006	0,123	FALSE
0,111	0,280	0,002	0,011	0,072	FALSE
-0,001	0,283	0,000	0,008	0,022	FALSE
0,030	0,285	0,001	0,009	0,060	FALSE
0,136	0,285	0,006	0,012	0,212	FALSE
0,177	0,286	0,005	0,008	0,272	FALSE
0,136	0,277	0,004	0,008	0,226	FALSE
0,163	0,286	0,004	0,007	0,258	FALSE
-0,053	0,294	-0,001	0,008	0,041	FALSE
-0,164	0,291	-0,006	0,011	0,235	FALSE
-0,128	0,283	-0,003	0,008	0,166	FALSE
-0,065	0,291	-0,003	0,008	0,123	FALSE
0,000	0,297	0,000	0,011	0,016	FALSE
-0,155	0,295	-0,007	0,013	0,212	FALSE
0,059	0,292	0,001	0,010	0,035	FALSE
0,060	0,292	0,001	0,010	0,031	FALSE
0,039	0,285	0,001	0,010	0,019	FALSE
-0,143	0,276	-0,004	0,010	0,162	FALSE
-0,117	0,288	-0,004	0,011	0,139	FALSE
-0,076	0,282	-0,002	0,007	0,110	FALSE
-0,071	0,294	-0,001	0,010	0,056	FALSE
-0,005	0,288	0,001	0,010	0,037	FALSE
0,060	0,295	0,003	0,010	0,103	FALSE
-0,071	0,298	-0,003	0,012	0,082	FALSE
-0,249	0,278	-0,005	0,007	0,341	FALSE
0,089	0,295	0,003	0,007	0,137	FALSE
-0,091	0,285	-0,003	0,013	0,092	FALSE
-0,020	0,287	-0,001	0,007	0,038	FALSE
0,005	0,282	0,000	0,006	0,022	FALSE
-0,216	0,286	-0,006	0,008	0,322	FALSE
-0,008	0,287	0,000	0,010	0,006	FALSE
0,060	0,298	0,002	0,007	0,112	FALSE
-0,010	0,302	-0,001	0,009	0,045	FALSE
0,014	0,290	0,001	0,008	0,052	FALSE
0,023	0,290	-0,001	0,008	0,028	FALSE
-0,024	0,280	0,000	0,007	0,016	FALSE
0,029	0,297	0,000	0,008	0,008	FALSE
-0,012	0,300	0,000	0,010	0,002	FALSE
-0,083	0,300	-0,002	0,007	0,101	FALSE
-0,023	0,292	-0,002	0,009	0,065	FALSE
0,004	0,299	-0,001	0,010	0,035	FALSE
-0,055	0,294	-0,003	0,010	0,137	FALSE

0,033	0,292	0,001	0,008	0,056	FALSE
-0,093	0,299	-0,003	0,012	0,093	FALSE
0,018	0,295	0,000	0,008	0,020	FALSE
-0,021	0,297	-0,001	0,013	0,028	FALSE
0,000	0,298	0,000	0,013	0,000	FALSE
0,129	0,281	0,005	0,012	0,161	FALSE
0,096	0,276	0,002	0,011	0,086	FALSE
0,011	0,305	0,000	0,009	0,009	FALSE
0,004	0,306	-0,001	0,009	0,021	FALSE
-0,128	0,299	-0,005	0,013	0,150	FALSE
-0,036	0,285	-0,001	0,011	0,045	FALSE
-0,099	0,281	-0,003	0,012	0,081	FALSE
-0,020	0,291	0,000	0,006	0,021	FALSE
0,026	0,300	0,002	0,012	0,068	FALSE
-0,014	0,296	0,001	0,012	0,020	FALSE
-0,016	0,294	0,001	0,012	0,017	FALSE
-0,077	0,300	-0,002	0,012	0,055	FALSE
-0,048	0,283	-0,001	0,009	0,044	FALSE
-0,140	0,283	-0,004	0,011	0,130	FALSE
-0,139	0,303	-0,003	0,011	0,125	FALSE
-0,059	0,300	-0,002	0,008	0,117	FALSE
-0,017	0,278	0,000	0,012	0,001	FALSE
-0,079	0,284	-0,004	0,013	0,125	FALSE
0,109	0,292	0,003	0,008	0,174	FALSE
-0,083	0,287	-0,003	0,013	0,106	FALSE
-0,102	0,277	-0,005	0,013	0,139	FALSE
0,126	0,293	0,002	0,006	0,100	FALSE
0,112	0,308	0,001	0,007	0,072	FALSE
-0,010	0,293	-0,001	0,013	0,031	FALSE
-0,063	0,294	-0,001	0,009	0,050	FALSE
-0,033	0,306	-0,001	0,013	0,027	FALSE
0,012	0,295	0,001	0,006	0,045	FALSE
0,052	0,297	0,002	0,012	0,071	FALSE
-0,106	0,295	-0,004	0,012	0,135	FALSE
0,062	0,298	0,001	0,009	0,022	FALSE
0,087	0,298	0,003	0,012	0,087	FALSE
0,103	0,281	0,006	0,013	0,195	FALSE
-0,101	0,285	-0,003	0,012	0,101	FALSE
0,020	0,276	0,001	0,009	0,051	FALSE
-0,036	0,296	-0,003	0,013	0,082	FALSE
0,150	0,282	0,004	0,009	0,189	FALSE
-0,080	0,279	-0,002	0,008	0,087	FALSE
-0,057	0,285	-0,001	0,009	0,037	FALSE
0,034	0,287	0,000	0,012	0,007	FALSE
0,098	0,288	0,001	0,009	0,055	FALSE
-0,084	0,292	-0,002	0,007	0,118	FALSE
0,023	0,283	-0,001	0,013	0,019	FALSE
0,165	0,289	0,003	0,009	0,158	FALSE
0,105	0,287	0,003	0,013	0,088	FALSE
0,024	0,291	-0,001	0,011	0,022	FALSE
-0,016	0,294	0,000	0,006	0,019	FALSE
-0,045	0,283	-0,002	0,007	0,102	FALSE
-0,014	0,302	0,000	0,008	0,022	FALSE

-0,033	0,291	-0,001	0,008	0,031	FALSE
-0,017	0,288	0,000	0,008	0,019	FALSE
-0,063	0,298	-0,001	0,010	0,051	FALSE
0,090	0,300	0,001	0,007	0,079	FALSE
0,035	0,290	0,001	0,007	0,064	FALSE
-0,026	0,292	0,000	0,009	0,001	FALSE
0,107	0,284	0,003	0,008	0,164	FALSE
-0,025	0,292	0,001	0,006	0,033	FALSE
0,022	0,282	0,000	0,011	0,007	FALSE
-0,067	0,275	-0,003	0,012	0,078	FALSE
0,005	0,291	0,000	0,013	0,010	FALSE
0,110	0,281	0,004	0,012	0,122	FALSE
0,100	0,299	0,003	0,013	0,097	FALSE
0,064	0,309	0,001	0,013	0,037	FALSE
0,081	0,295	0,004	0,013	0,122	FALSE
0,055	0,296	0,001	0,011	0,028	FALSE
-0,002	0,284	-0,001	0,010	0,037	FALSE
0,129	0,295	0,004	0,010	0,140	FALSE
0,127	0,285	0,003	0,009	0,148	FALSE
-0,070	0,306	-0,001	0,010	0,028	FALSE
-0,157	0,289	-0,007	0,010	0,320	FALSE
-0,076	0,296	-0,001	0,007	0,073	FALSE
0,046	0,296	0,004	0,013	0,108	FALSE
-0,016	0,309	0,000	0,013	0,009	FALSE
0,004	0,294	0,001	0,012	0,022	FALSE
0,053	0,305	0,002	0,013	0,046	FALSE
0,072	0,289	0,002	0,008	0,118	FALSE
0,078	0,289	0,003	0,008	0,144	FALSE
0,081	0,296	0,004	0,012	0,122	FALSE
-0,004	0,289	0,000	0,007	0,004	FALSE
0,082	0,293	0,003	0,008	0,147	FALSE
0,148	0,287	0,005	0,012	0,154	FALSE
-0,118	0,297	-0,002	0,007	0,079	FALSE
0,106	0,292	0,002	0,009	0,083	FALSE
0,088	0,292	0,001	0,009	0,037	FALSE
-0,180	0,266	-0,005	0,011	0,182	FALSE
0,036	0,281	0,001	0,008	0,028	FALSE
-0,077	0,270	-0,002	0,012	0,071	FALSE
-0,121	0,276	-0,004	0,013	0,135	FALSE
0,048	0,290	0,002	0,009	0,068	FALSE
0,018	0,305	0,001	0,008	0,063	FALSE
-0,017	0,290	-0,002	0,013	0,062	FALSE
-0,030	0,293	0,001	0,011	0,019	FALSE
0,091	0,290	0,003	0,011	0,111	FALSE
0,029	0,290	0,001	0,007	0,059	FALSE
0,021	0,286	-0,001	0,012	0,021	FALSE
-0,082	0,296	-0,002	0,013	0,067	FALSE
-0,010	0,287	0,000	0,008	0,004	FALSE
0,128	0,296	0,004	0,009	0,163	FALSE
0,150	0,292	0,004	0,009	0,192	FALSE
-0,077	0,290	-0,002	0,006	0,125	FALSE
-0,093	0,285	-0,002	0,009	0,103	FALSE
-0,017	0,275	0,000	0,013	0,004	FALSE

-0,034	0,283	-0,001	0,012	0,041	FALSE
0,027	0,301	0,002	0,009	0,074	FALSE
0,006	0,288	0,001	0,008	0,039	FALSE
-0,014	0,297	0,001	0,009	0,037	FALSE
-0,028	0,302	0,000	0,009	0,015	FALSE
0,029	0,285	0,001	0,009	0,043	FALSE
0,156	0,283	0,004	0,007	0,276	FALSE
0,060	0,302	0,002	0,008	0,084	FALSE
-0,053	0,281	-0,002	0,012	0,058	FALSE
0,085	0,299	0,005	0,012	0,154	FALSE
-0,035	0,296	-0,003	0,011	0,098	FALSE
0,029	0,287	-0,002	0,010	0,057	FALSE
-0,021	0,292	-0,001	0,013	0,022	FALSE
0,036	0,283	0,002	0,009	0,060	FALSE
0,012	0,286	0,000	0,006	0,005	FALSE
-0,189	0,277	-0,005	0,008	0,257	FALSE
0,109	0,294	0,003	0,007	0,177	FALSE
0,103	0,290	0,003	0,006	0,157	FALSE
0,032	0,287	0,002	0,008	0,081	FALSE
-0,213	0,279	-0,005	0,008	0,285	FALSE
-0,131	0,269	-0,005	0,010	0,197	FALSE
0,083	0,304	0,004	0,012	0,126	FALSE
-0,217	0,281	-0,005	0,007	0,279	FALSE
-0,210	0,282	-0,005	0,007	0,274	FALSE
0,103	0,288	0,004	0,009	0,170	FALSE
0,011	0,300	0,001	0,013	0,043	FALSE
-0,103	0,291	-0,001	0,009	0,057	FALSE
-0,032	0,303	-0,001	0,007	0,073	FALSE
-0,009	0,285	-0,001	0,013	0,019	FALSE
0,133	0,283	0,003	0,007	0,154	FALSE
-0,016	0,280	-0,001	0,008	0,063	FALSE
-0,031	0,293	-0,002	0,009	0,067	FALSE
-0,095	0,290	-0,002	0,011	0,083	FALSE
0,096	0,296	0,002	0,006	0,090	FALSE
0,067	0,295	0,001	0,007	0,063	FALSE
0,197	0,283	0,005	0,007	0,354	FALSE
0,080	0,283	0,004	0,013	0,116	FALSE
-0,038	0,302	-0,002	0,014	0,064	FALSE
0,145	0,278	0,005	0,012	0,167	FALSE
0,056	0,294	0,000	0,011	0,007	FALSE
0,012	0,295	-0,001	0,011	0,045	FALSE
-0,126	0,291	-0,005	0,012	0,158	FALSE
-0,028	0,287	-0,003	0,010	0,108	FALSE
-0,054	0,291	-0,001	0,011	0,021	FALSE
0,059	0,293	0,000	0,007	0,000	FALSE
-0,086	0,296	-0,003	0,011	0,100	FALSE
-0,012	0,288	0,000	0,011	0,016	FALSE
0,150	0,294	0,004	0,008	0,199	FALSE
0,090	0,302	0,002	0,009	0,067	FALSE
0,037	0,289	0,000	0,008	0,006	FALSE
0,041	0,296	0,002	0,011	0,074	FALSE
-0,034	0,283	-0,001	0,012	0,038	FALSE
0,067	0,288	0,003	0,010	0,102	FALSE

0,168	0,281	0,006	0,013	0,186	FALSE
0,009	0,304	0,000	0,008	0,002	FALSE
0,024	0,311	0,000	0,008	0,010	FALSE
-0,012	0,302	-0,001	0,012	0,019	FALSE
-0,037	0,294	-0,002	0,012	0,063	FALSE
-0,010	0,313	0,000	0,013	0,000	FALSE
0,087	0,289	0,003	0,008	0,156	FALSE
-0,117	0,284	-0,003	0,010	0,140	FALSE
-0,077	0,278	-0,002	0,009	0,096	FALSE
0,115	0,285	0,005	0,008	0,251	FALSE
0,040	0,292	0,000	0,010	0,010	FALSE
-0,029	0,290	-0,001	0,013	0,015	FALSE
-0,059	0,296	-0,003	0,012	0,080	FALSE
0,082	0,286	0,002	0,007	0,154	FALSE
-0,079	0,282	-0,003	0,010	0,132	FALSE
-0,032	0,289	0,000	0,013	0,009	FALSE
0,008	0,288	0,001	0,007	0,053	FALSE
0,048	0,287	0,002	0,007	0,088	FALSE
0,114	0,276	0,003	0,006	0,221	FALSE
0,043	0,292	0,003	0,013	0,094	FALSE
0,138	0,297	0,004	0,010	0,133	FALSE
-0,007	0,297	-0,001	0,010	0,028	FALSE
-0,104	0,292	-0,002	0,013	0,071	FALSE
-0,107	0,281	-0,003	0,012	0,107	FALSE
-0,049	0,298	-0,001	0,013	0,020	FALSE
-0,029	0,297	0,000	0,012	0,002	FALSE
-0,007	0,292	-0,001	0,006	0,064	FALSE
0,150	0,295	0,005	0,010	0,227	FALSE
0,125	0,291	0,005	0,010	0,198	FALSE
0,167	0,291	0,006	0,010	0,240	FALSE
-0,014	0,284	-0,002	0,013	0,072	FALSE
0,107	0,294	0,004	0,011	0,139	FALSE
-0,003	0,284	0,000	0,007	0,023	FALSE
0,053	0,286	0,000	0,013	0,010	FALSE
-0,115	0,278	-0,008	0,013	0,282	FALSE
0,042	0,302	0,000	0,010	0,010	FALSE
0,002	0,285	-0,002	0,010	0,061	FALSE
0,098	0,290	0,002	0,008	0,097	FALSE
0,069	0,298	0,001	0,008	0,059	FALSE
-0,030	0,292	0,000	0,009	0,011	FALSE
0,059	0,289	0,002	0,013	0,057	FALSE
-0,134	0,283	-0,003	0,008	0,126	FALSE
0,064	0,285	0,003	0,008	0,127	FALSE
-0,054	0,299	-0,002	0,012	0,065	FALSE
-0,052	0,281	-0,002	0,012	0,069	FALSE
0,073	0,274	0,004	0,010	0,170	FALSE
0,011	0,292	0,000	0,009	0,007	FALSE
0,014	0,308	0,000	0,013	0,001	FALSE
-0,136	0,281	-0,004	0,009	0,182	FALSE
-0,082	0,282	-0,001	0,012	0,032	FALSE
0,026	0,306	0,001	0,008	0,068	FALSE
0,117	0,311	0,005	0,012	0,169	FALSE
0,033	0,299	0,002	0,013	0,049	FALSE

-0,004	0,282	-0,001	0,012	0,041	FALSE
-0,059	0,287	-0,002	0,013	0,045	FALSE
-0,074	0,308	-0,003	0,013	0,073	FALSE
0,062	0,313	0,003	0,012	0,103	FALSE
0,043	0,296	0,001	0,010	0,020	FALSE
-0,072	0,302	-0,003	0,013	0,095	FALSE
0,083	0,301	0,004	0,011	0,147	FALSE
0,087	0,292	0,004	0,010	0,176	FALSE
-0,069	0,291	-0,006	0,013	0,179	FALSE
0,032	0,297	0,000	0,011	0,008	FALSE
-0,032	0,285	-0,002	0,009	0,087	FALSE
-0,006	0,292	-0,001	0,010	0,044	FALSE
0,009	0,292	0,001	0,010	0,042	FALSE
-0,052	0,286	-0,002	0,007	0,120	FALSE
-0,048	0,299	-0,001	0,012	0,017	FALSE
-0,033	0,286	-0,001	0,011	0,048	FALSE
-0,045	0,292	-0,003	0,012	0,107	FALSE
-0,114	0,295	-0,003	0,007	0,171	FALSE
0,105	0,282	0,002	0,009	0,079	FALSE
0,149	0,278	0,009	0,012	0,351	FALSE
0,027	0,290	0,001	0,008	0,040	FALSE
0,057	0,299	0,001	0,008	0,061	FALSE
-0,126	0,291	-0,005	0,010	0,202	FALSE
0,031	0,288	0,002	0,007	0,101	FALSE
0,002	0,291	-0,001	0,008	0,052	FALSE
-0,018	0,297	0,001	0,012	0,017	FALSE
-0,149	0,293	-0,006	0,012	0,192	FALSE
0,111	0,281	0,002	0,008	0,084	FALSE
-0,103	0,284	-0,004	0,011	0,130	FALSE
-0,191	0,294	-0,007	0,012	0,263	FALSE
0,092	0,287	0,004	0,011	0,147	FALSE
0,102	0,297	0,004	0,010	0,143	FALSE
-0,026	0,291	-0,001	0,008	0,023	FALSE
-0,010	0,312	0,001	0,013	0,021	FALSE
0,059	0,292	0,001	0,007	0,045	FALSE
-0,006	0,281	-0,001	0,009	0,050	FALSE
0,038	0,290	-0,001	0,010	0,021	FALSE
0,031	0,288	0,001	0,007	0,063	FALSE
-0,148	0,297	-0,006	0,013	0,189	FALSE
0,042	0,300	0,000	0,007	0,014	FALSE
-0,026	0,294	-0,001	0,012	0,039	FALSE
0,057	0,289	0,000	0,007	0,014	FALSE
-0,102	0,283	-0,002	0,009	0,099	FALSE
0,084	0,294	0,004	0,013	0,124	FALSE
-0,027	0,300	0,001	0,012	0,031	FALSE
0,025	0,298	0,001	0,013	0,039	FALSE
0,012	0,295	0,000	0,007	0,017	FALSE
0,021	0,277	0,000	0,012	0,014	FALSE
-0,016	0,297	0,001	0,010	0,020	FALSE
0,042	0,284	0,001	0,013	0,043	FALSE
-0,056	0,302	-0,002	0,007	0,134	FALSE
-0,099	0,284	-0,003	0,007	0,172	FALSE
0,064	0,297	0,001	0,011	0,016	FALSE

0,009	0,289	0,001	0,009	0,028	FALSE
0,108	0,281	0,002	0,008	0,124	FALSE
0,192	0,291	0,009	0,013	0,306	FALSE
0,157	0,281	0,006	0,013	0,210	FALSE
0,156	0,276	0,007	0,012	0,236	FALSE
0,054	0,299	0,001	0,007	0,067	FALSE
0,155	0,286	0,007	0,012	0,241	FALSE
-0,100	0,283	-0,004	0,011	0,138	FALSE
-0,164	0,297	-0,005	0,012	0,183	FALSE
-0,073	0,303	-0,001	0,012	0,018	FALSE
-0,091	0,297	-0,002	0,009	0,090	FALSE
0,052	0,280	0,001	0,006	0,035	FALSE
-0,030	0,292	-0,001	0,007	0,047	FALSE
0,012	0,285	0,000	0,009	0,003	FALSE
0,005	0,290	-0,001	0,009	0,039	FALSE
0,008	0,284	-0,002	0,012	0,064	FALSE
0,042	0,295	0,002	0,009	0,088	FALSE
0,061	0,279	0,000	0,007	0,007	FALSE
-0,050	0,297	-0,001	0,013	0,023	FALSE
-0,134	0,290	-0,002	0,007	0,092	FALSE
-0,024	0,284	0,001	0,011	0,033	FALSE
0,068	0,281	0,001	0,007	0,060	FALSE
0,098	0,303	0,001	0,006	0,080	FALSE
-0,164	0,282	-0,004	0,013	0,122	FALSE
-0,108	0,276	-0,002	0,012	0,058	FALSE
0,173	0,280	0,006	0,011	0,225	FALSE
-0,104	0,294	-0,005	0,011	0,178	FALSE
0,037	0,291	0,000	0,011	0,006	FALSE
0,119	0,291	0,002	0,008	0,102	FALSE
-0,062	0,285	-0,001	0,011	0,046	FALSE
-0,005	0,279	0,000	0,012	0,012	FALSE
-0,154	0,287	-0,005	0,012	0,161	FALSE
0,034	0,285	0,002	0,011	0,065	FALSE
-0,086	0,292	-0,004	0,012	0,129	FALSE
0,046	0,291	0,001	0,008	0,026	FALSE
0,118	0,296	0,003	0,007	0,185	FALSE
0,005	0,288	0,000	0,009	0,005	FALSE
-0,122	0,289	-0,003	0,010	0,098	FALSE
-0,034	0,294	0,000	0,007	0,022	FALSE
-0,127	0,285	-0,003	0,007	0,149	FALSE
-0,109	0,272	-0,001	0,012	0,029	FALSE
0,035	0,290	0,002	0,010	0,061	FALSE
-0,137	0,298	-0,005	0,011	0,172	FALSE
0,036	0,290	0,001	0,009	0,052	FALSE
-0,057	0,288	-0,002	0,013	0,046	FALSE
-0,027	0,285	-0,003	0,012	0,101	FALSE
-0,062	0,287	-0,005	0,013	0,159	FALSE
-0,091	0,280	-0,002	0,010	0,071	FALSE
0,059	0,271	0,001	0,012	0,027	FALSE
0,073	0,295	0,001	0,007	0,067	FALSE
0,153	0,291	0,005	0,009	0,235	FALSE
-0,058	0,293	-0,002	0,009	0,067	FALSE
0,104	0,293	0,002	0,007	0,128	FALSE

-0,140	0,285	-0,003	0,008	0,125	FALSE
0,004	0,301	0,000	0,010	0,007	FALSE
0,099	0,300	0,004	0,013	0,137	FALSE
0,130	0,278	0,006	0,011	0,267	FALSE
0,031	0,289	0,000	0,009	0,005	FALSE
-0,034	0,293	-0,003	0,012	0,109	FALSE
0,016	0,292	0,001	0,009	0,025	FALSE
0,105	0,291	0,004	0,010	0,185	FALSE
-0,025	0,293	-0,002	0,011	0,078	FALSE
-0,100	0,295	-0,006	0,011	0,209	FALSE
0,004	0,288	-0,001	0,007	0,037	FALSE
0,007	0,291	-0,001	0,007	0,032	FALSE
0,067	0,288	0,001	0,007	0,051	FALSE
0,018	0,308	0,002	0,009	0,090	FALSE
0,136	0,287	0,002	0,010	0,069	FALSE
-0,040	0,279	-0,002	0,008	0,072	FALSE
-0,007	0,294	0,000	0,009	0,010	FALSE
-0,089	0,286	-0,002	0,007	0,081	FALSE
0,104	0,296	0,002	0,008	0,078	FALSE
-0,028	0,290	0,000	0,013	0,001	FALSE
-0,004	0,293	0,000	0,007	0,000	FALSE
0,010	0,296	0,001	0,010	0,021	FALSE
0,093	0,290	0,001	0,009	0,056	FALSE
0,087	0,278	0,004	0,012	0,144	FALSE
0,033	0,279	0,001	0,007	0,030	FALSE
-0,004	0,294	-0,001	0,012	0,022	FALSE
0,074	0,288	0,003	0,013	0,075	FALSE
0,029	0,285	-0,001	0,008	0,029	FALSE
-0,051	0,291	-0,002	0,009	0,097	FALSE
0,016	0,298	0,002	0,013	0,062	FALSE
-0,162	0,276	-0,003	0,006	0,231	FALSE
-0,030	0,282	0,000	0,011	0,012	FALSE
-0,074	0,290	-0,002	0,008	0,110	FALSE
0,009	0,289	0,001	0,010	0,033	FALSE
-0,127	0,289	-0,002	0,007	0,127	FALSE
0,061	0,288	0,002	0,010	0,090	FALSE
0,072	0,295	0,004	0,013	0,129	FALSE
-0,096	0,290	-0,002	0,008	0,112	FALSE
-0,014	0,282	-0,001	0,009	0,031	FALSE
0,049	0,275	0,004	0,012	0,143	FALSE
0,072	0,285	0,005	0,012	0,180	FALSE
-0,037	0,283	-0,001	0,008	0,057	FALSE
0,165	0,284	0,004	0,011	0,155	FALSE
0,157	0,278	0,004	0,012	0,138	FALSE
-0,073	0,286	-0,002	0,008	0,084	FALSE
0,103	0,287	0,002	0,007	0,095	FALSE
0,104	0,283	0,003	0,013	0,095	FALSE
0,019	0,297	0,002	0,010	0,074	FALSE
-0,026	0,304	-0,001	0,010	0,034	FALSE
-0,081	0,287	-0,001	0,008	0,053	FALSE
-0,038	0,279	-0,001	0,009	0,044	FALSE
-0,042	0,297	-0,001	0,007	0,054	FALSE
-0,152	0,296	-0,004	0,009	0,196	FALSE

0,128	0,292	0,003	0,009	0,133	FALSE
-0,022	0,277	-0,002	0,011	0,066	FALSE
-0,081	0,290	-0,003	0,009	0,130	FALSE
0,006	0,294	-0,001	0,009	0,026	FALSE
-0,022	0,283	0,000	0,007	0,014	FALSE
-0,012	0,293	0,001	0,008	0,037	FALSE
0,003	0,284	-0,001	0,010	0,033	FALSE
-0,008	0,293	-0,001	0,010	0,021	FALSE
0,000	0,295	-0,001	0,010	0,027	FALSE
-0,072	0,285	-0,001	0,006	0,057	FALSE
-0,135	0,289	-0,005	0,009	0,232	FALSE
-0,152	0,292	-0,006	0,013	0,181	FALSE
-0,017	0,288	0,000	0,010	0,009	FALSE
-0,018	0,285	0,001	0,008	0,042	FALSE
0,128	0,290	0,003	0,008	0,139	FALSE
0,012	0,277	0,002	0,011	0,081	FALSE
-0,019	0,303	-0,001	0,012	0,033	FALSE
-0,021	0,298	-0,001	0,012	0,040	FALSE
-0,040	0,294	-0,001	0,007	0,061	FALSE
-0,229	0,289	-0,006	0,008	0,333	FALSE
-0,030	0,286	-0,001	0,007	0,029	FALSE
0,030	0,289	0,000	0,009	0,005	FALSE
0,018	0,294	-0,002	0,010	0,058	FALSE
-0,073	0,296	-0,002	0,007	0,089	FALSE
0,015	0,290	0,000	0,006	0,023	FALSE
-0,060	0,305	-0,002	0,011	0,085	FALSE
0,018	0,295	0,001	0,010	0,031	FALSE
0,093	0,288	0,003	0,012	0,091	FALSE
0,154	0,282	0,003	0,006	0,162	FALSE
0,186	0,301	0,008	0,011	0,303	FALSE
-0,114	0,270	-0,004	0,009	0,193	FALSE
-0,067	0,301	-0,004	0,012	0,119	FALSE
0,069	0,292	0,003	0,011	0,111	FALSE
0,083	0,292	0,004	0,013	0,124	FALSE
-0,057	0,285	-0,002	0,010	0,069	FALSE
0,043	0,296	0,002	0,010	0,081	FALSE
-0,101	0,278	-0,002	0,010	0,085	FALSE
0,044	0,262	0,004	0,013	0,111	FALSE
0,059	0,303	0,003	0,012	0,096	FALSE
-0,050	0,288	-0,001	0,008	0,065	FALSE
0,039	0,294	0,002	0,011	0,061	FALSE
0,059	0,282	0,001	0,012	0,042	FALSE
0,047	0,289	0,001	0,013	0,022	FALSE
-0,041	0,302	-0,001	0,007	0,083	FALSE
-0,018	0,287	-0,001	0,011	0,049	FALSE
0,037	0,285	0,002	0,008	0,116	FALSE
0,022	0,293	0,000	0,009	0,004	FALSE
-0,052	0,287	0,000	0,011	0,007	FALSE
-0,105	0,283	-0,001	0,007	0,064	FALSE
0,016	0,281	0,001	0,007	0,034	FALSE
-0,074	0,288	-0,002	0,010	0,095	FALSE
-0,019	0,279	0,001	0,010	0,040	FALSE
-0,122	0,287	-0,005	0,013	0,140	FALSE

0,131	0,294	0,004	0,010	0,188	FALSE
0,132	0,304	0,002	0,008	0,105	FALSE
0,110	0,279	0,002	0,007	0,087	FALSE
0,045	0,294	0,000	0,007	0,009	FALSE
-0,133	0,293	-0,005	0,012	0,174	FALSE
-0,094	0,294	-0,001	0,008	0,034	FALSE
-0,093	0,296	-0,001	0,006	0,079	FALSE
-0,083	0,289	-0,002	0,009	0,064	FALSE
0,061	0,284	0,000	0,007	0,018	FALSE
0,107	0,293	0,004	0,011	0,121	FALSE
0,102	0,284	0,003	0,010	0,123	FALSE
0,069	0,281	0,005	0,009	0,235	FALSE
0,071	0,294	0,006	0,013	0,199	FALSE
-0,080	0,312	-0,006	0,014	0,173	FALSE
0,013	0,297	0,000	0,011	0,012	FALSE
-0,029	0,283	-0,001	0,008	0,058	FALSE
-0,070	0,293	-0,002	0,010	0,063	FALSE
-0,063	0,280	-0,004	0,009	0,170	FALSE
-0,039	0,284	-0,003	0,012	0,106	FALSE
0,041	0,305	0,002	0,008	0,092	FALSE
-0,047	0,290	-0,002	0,011	0,062	FALSE
-0,100	0,291	-0,004	0,013	0,127	FALSE
-0,142	0,302	-0,005	0,013	0,156	FALSE
-0,012	0,290	0,000	0,009	0,017	FALSE
0,061	0,286	0,002	0,007	0,102	FALSE
-0,034	0,281	-0,003	0,012	0,084	FALSE
-0,137	0,296	-0,004	0,010	0,143	FALSE
0,014	0,294	0,001	0,008	0,044	FALSE
0,012	0,282	0,000	0,008	0,014	FALSE
0,089	0,286	0,002	0,011	0,060	FALSE
0,030	0,301	0,001	0,009	0,046	FALSE
0,020	0,296	0,002	0,011	0,077	FALSE
0,056	0,301	0,002	0,010	0,080	FALSE
0,031	0,286	0,002	0,011	0,062	FALSE
-0,165	0,279	-0,007	0,011	0,272	FALSE
-0,149	0,277	-0,003	0,007	0,200	FALSE
0,088	0,283	0,004	0,008	0,213	FALSE
-0,026	0,290	0,000	0,007	0,016	FALSE
0,046	0,285	0,001	0,010	0,037	FALSE
0,052	0,284	0,003	0,008	0,141	FALSE
-0,143	0,292	-0,003	0,008	0,133	FALSE
0,098	0,284	0,003	0,009	0,145	FALSE
-0,121	0,292	-0,003	0,009	0,133	FALSE
0,006	0,275	-0,002	0,011	0,060	FALSE
-0,022	0,289	0,000	0,009	0,013	FALSE
0,079	0,279	0,002	0,010	0,083	FALSE
-0,001	0,299	-0,002	0,010	0,058	FALSE
0,061	0,297	0,003	0,008	0,148	FALSE
-0,108	0,291	-0,002	0,009	0,090	FALSE
0,086	0,294	0,004	0,012	0,135	FALSE
0,044	0,297	0,000	0,009	0,015	FALSE
-0,011	0,291	0,000	0,010	0,006	FALSE
0,061	0,292	0,001	0,006	0,034	FALSE

-0,089	0,288	-0,002	0,007	0,104	FALSE
-0,095	0,286	-0,001	0,010	0,049	FALSE
-0,068	0,294	0,000	0,009	0,004	FALSE
0,191	0,288	0,008	0,013	0,253	FALSE
-0,131	0,293	-0,004	0,008	0,204	FALSE
0,033	0,294	0,002	0,011	0,073	FALSE
0,143	0,276	0,005	0,012	0,172	FALSE
-0,007	0,289	-0,001	0,012	0,018	FALSE
0,008	0,295	0,000	0,012	0,011	FALSE
-0,090	0,299	-0,002	0,011	0,081	FALSE
-0,030	0,286	0,002	0,013	0,057	FALSE
0,186	0,286	0,005	0,008	0,256	FALSE
-0,176	0,294	-0,006	0,010	0,269	FALSE
0,209	0,280	0,009	0,012	0,371	FALSE
-0,011	0,290	-0,001	0,010	0,046	FALSE
-0,056	0,276	0,000	0,010	0,017	FALSE
0,298	0,260	0,014	0,012	0,609	FALSE
0,158	0,303	0,005	0,010	0,199	FALSE
-0,029	0,281	0,001	0,008	0,031	FALSE
-0,194	0,286	-0,006	0,008	0,317	FALSE
0,088	0,291	0,001	0,007	0,076	FALSE
-0,016	0,281	0,001	0,013	0,019	FALSE
0,113	0,277	0,004	0,009	0,202	FALSE
-0,030	0,283	-0,001	0,007	0,027	FALSE
0,021	0,282	0,002	0,009	0,091	FALSE
-0,024	0,291	-0,001	0,010	0,025	FALSE
-0,076	0,308	-0,004	0,013	0,111	FALSE
-0,033	0,292	-0,003	0,013	0,082	FALSE
0,020	0,277	0,001	0,010	0,043	FALSE
-0,145	0,280	-0,004	0,007	0,251	FALSE
0,053	0,295	0,001	0,010	0,046	FALSE
0,013	0,293	0,001	0,007	0,060	FALSE
0,115	0,286	0,003	0,010	0,109	FALSE
0,004	0,291	-0,001	0,010	0,033	FALSE
0,071	0,290	0,002	0,007	0,114	FALSE
-0,016	0,292	-0,001	0,013	0,032	FALSE
-0,010	0,295	-0,001	0,013	0,038	FALSE
0,043	0,297	0,001	0,008	0,028	FALSE
0,014	0,300	-0,002	0,011	0,055	FALSE
-0,058	0,284	-0,002	0,007	0,091	FALSE
-0,022	0,278	-0,002	0,009	0,070	FALSE
-0,018	0,289	-0,002	0,012	0,063	FALSE
-0,018	0,293	0,000	0,012	0,012	FALSE
-0,020	0,275	-0,001	0,010	0,037	FALSE
-0,078	0,284	-0,001	0,006	0,078	FALSE
0,021	0,306	0,001	0,007	0,026	FALSE
-0,121	0,278	-0,004	0,012	0,115	FALSE
0,228	0,282	0,009	0,012	0,352	FALSE
0,160	0,290	0,004	0,007	0,256	FALSE
0,056	0,299	0,001	0,008	0,061	FALSE
-0,035	0,289	-0,001	0,011	0,044	FALSE
0,065	0,285	0,003	0,012	0,093	FALSE
0,040	0,294	0,001	0,012	0,033	FALSE

0,016	0,280	0,000	0,010	0,003	FALSE
-0,042	0,285	-0,002	0,006	0,163	FALSE
-0,086	0,288	-0,004	0,013	0,115	FALSE
-0,112	0,278	-0,004	0,012	0,122	FALSE
0,088	0,295	0,003	0,009	0,135	FALSE
-0,077	0,285	-0,003	0,011	0,100	FALSE
-0,174	0,302	-0,004	0,007	0,216	FALSE
-0,080	0,298	-0,004	0,010	0,139	FALSE
0,016	0,286	0,003	0,011	0,098	FALSE
-0,037	0,296	-0,001	0,007	0,068	FALSE
-0,003	0,285	-0,001	0,007	0,053	FALSE
0,089	0,294	0,002	0,009	0,086	FALSE
0,048	0,285	0,000	0,006	0,025	FALSE
0,226	0,266	0,010	0,012	0,418	FALSE
0,035	0,288	0,002	0,011	0,066	FALSE
-0,111	0,286	-0,002	0,008	0,124	FALSE
-0,067	0,288	-0,002	0,009	0,104	FALSE
0,078	0,300	0,002	0,011	0,081	FALSE
0,118	0,280	0,006	0,010	0,261	FALSE
-0,036	0,295	-0,002	0,012	0,077	FALSE
0,037	0,292	-0,001	0,007	0,033	FALSE
-0,066	0,284	-0,003	0,007	0,141	FALSE
-0,026	0,296	0,000	0,013	0,009	FALSE
0,015	0,289	-0,002	0,013	0,065	FALSE
-0,071	0,288	-0,002	0,013	0,054	FALSE
0,043	0,287	0,001	0,010	0,025	FALSE
0,055	0,272	0,001	0,012	0,018	FALSE
-0,069	0,289	-0,002	0,012	0,054	FALSE
-0,048	0,290	-0,003	0,011	0,105	FALSE
-0,050	0,277	-0,001	0,006	0,082	FALSE
-0,175	0,271	-0,006	0,010	0,224	FALSE
0,030	0,294	0,002	0,009	0,070	FALSE
0,029	0,282	0,001	0,011	0,047	FALSE
0,018	0,290	0,001	0,007	0,029	FALSE
0,047	0,308	0,000	0,009	0,005	FALSE
-0,073	0,295	-0,002	0,008	0,083	FALSE
0,031	0,288	0,002	0,011	0,050	FALSE
0,107	0,292	0,003	0,010	0,120	FALSE
0,068	0,292	0,002	0,012	0,070	FALSE
-0,181	0,283	-0,004	0,007	0,212	FALSE
-0,103	0,277	-0,004	0,008	0,212	FALSE
0,011	0,287	0,002	0,013	0,063	FALSE
-0,007	0,307	-0,001	0,011	0,031	FALSE
0,027	0,288	0,000	0,011	0,008	FALSE
0,068	0,283	0,002	0,006	0,160	FALSE
-0,044	0,284	-0,001	0,006	0,054	FALSE
0,050	0,285	0,002	0,006	0,123	FALSE
-0,011	0,289	0,000	0,007	0,007	FALSE
0,032	0,289	0,000	0,008	0,021	FALSE
-0,014	0,287	-0,001	0,007	0,051	FALSE
0,004	0,298	0,000	0,008	0,015	FALSE
-0,026	0,290	0,000	0,010	0,011	FALSE
-0,018	0,280	0,001	0,009	0,020	FALSE

0,073	0,278	0,002	0,010	0,080	FALSE
0,008	0,287	-0,001	0,006	0,041	FALSE
0,223	0,273	0,004	0,007	0,261	FALSE
-0,029	0,284	0,001	0,012	0,027	FALSE
-0,055	0,290	-0,003	0,009	0,109	FALSE
-0,113	0,298	-0,004	0,013	0,125	FALSE
0,028	0,288	0,000	0,009	0,006	FALSE
0,105	0,268	0,002	0,008	0,115	FALSE
0,031	0,292	0,001	0,009	0,051	FALSE
0,003	0,301	0,000	0,007	0,021	FALSE
-0,029	0,296	-0,003	0,011	0,121	FALSE
-0,157	0,288	-0,003	0,007	0,202	FALSE
0,037	0,283	0,002	0,008	0,117	FALSE
0,214	0,279	0,006	0,011	0,266	FALSE
-0,149	0,279	-0,005	0,009	0,222	FALSE
0,035	0,293	0,001	0,008	0,061	FALSE
0,007	0,301	0,000	0,011	0,007	FALSE
-0,119	0,292	-0,004	0,010	0,170	FALSE
0,036	0,280	0,001	0,007	0,061	FALSE
-0,088	0,285	-0,005	0,013	0,156	FALSE
0,093	0,302	0,002	0,007	0,094	FALSE
-0,054	0,299	0,000	0,012	0,005	FALSE
-0,208	0,280	-0,007	0,012	0,262	FALSE
0,024	0,293	0,001	0,009	0,033	FALSE
-0,043	0,295	-0,003	0,008	0,140	FALSE
-0,241	0,283	-0,007	0,010	0,309	FALSE
-0,073	0,283	-0,004	0,011	0,148	FALSE
-0,109	0,273	-0,005	0,011	0,197	FALSE
0,092	0,286	0,002	0,008	0,110	FALSE
0,105	0,290	0,005	0,013	0,149	FALSE
-0,026	0,298	-0,001	0,010	0,046	FALSE
-0,159	0,294	-0,005	0,010	0,196	FALSE
-0,066	0,289	-0,001	0,007	0,041	FALSE
-0,013	0,297	0,000	0,007	0,020	FALSE
-0,043	0,290	0,000	0,010	0,004	FALSE
-0,072	0,299	-0,001	0,008	0,042	FALSE
-0,036	0,301	-0,001	0,007	0,039	FALSE
-0,087	0,296	-0,002	0,012	0,069	FALSE
0,034	0,298	0,000	0,009	0,012	FALSE
0,024	0,291	0,002	0,011	0,061	FALSE
0,054	0,296	0,001	0,009	0,029	FALSE
-0,097	0,281	-0,001	0,007	0,070	FALSE
0,035	0,291	0,000	0,010	0,003	FALSE
0,244	0,281	0,006	0,008	0,384	FALSE
0,097	0,290	0,003	0,006	0,205	FALSE
-0,012	0,287	-0,001	0,012	0,022	FALSE
-0,051	0,302	-0,002	0,013	0,044	FALSE
0,073	0,295	0,001	0,007	0,056	FALSE
-0,058	0,288	-0,005	0,013	0,162	FALSE
0,027	0,295	0,002	0,010	0,072	FALSE
0,104	0,289	0,002	0,008	0,083	FALSE
-0,016	0,303	0,000	0,010	0,007	FALSE
-0,119	0,290	-0,006	0,013	0,187	FALSE

0,080	0,288	0,005	0,013	0,144	FALSE
0,005	0,301	-0,001	0,007	0,074	FALSE
0,025	0,291	0,000	0,010	0,008	FALSE
0,089	0,300	0,003	0,013	0,074	FALSE
0,008	0,292	0,001	0,010	0,028	FALSE
-0,005	0,283	-0,001	0,012	0,017	FALSE
-0,063	0,287	-0,001	0,009	0,033	FALSE
0,125	0,285	0,003	0,012	0,090	FALSE
0,047	0,291	0,000	0,012	0,005	FALSE
0,020	0,289	-0,001	0,007	0,028	FALSE
-0,017	0,305	0,000	0,014	0,009	FALSE
0,162	0,283	0,005	0,013	0,145	FALSE
0,109	0,287	0,002	0,012	0,069	FALSE
-0,019	0,283	0,000	0,007	0,004	FALSE
0,084	0,298	0,003	0,011	0,093	FALSE
-0,146	0,288	-0,005	0,013	0,144	FALSE
-0,054	0,292	-0,004	0,013	0,123	FALSE
0,123	0,284	0,002	0,008	0,095	FALSE
0,080	0,274	0,002	0,009	0,076	FALSE
0,122	0,282	0,003	0,006	0,189	FALSE
0,046	0,289	0,002	0,012	0,063	FALSE
-0,024	0,278	-0,001	0,012	0,019	FALSE
-0,015	0,285	0,000	0,012	0,004	FALSE
-0,045	0,290	0,000	0,013	0,007	FALSE
-0,004	0,295	0,000	0,013	0,013	FALSE
-0,059	0,295	0,000	0,007	0,021	FALSE
-0,109	0,296	-0,005	0,011	0,194	FALSE
0,060	0,303	0,004	0,014	0,110	FALSE
0,139	0,273	0,006	0,011	0,246	FALSE
0,133	0,279	0,006	0,011	0,238	FALSE
0,145	0,280	0,007	0,011	0,256	FALSE
0,147	0,286	0,007	0,011	0,261	FALSE
-0,080	0,291	-0,003	0,009	0,149	FALSE
0,055	0,286	-0,002	0,011	0,069	FALSE
0,074	0,296	0,003	0,012	0,103	FALSE
0,077	0,278	0,002	0,007	0,112	FALSE
-0,079	0,290	-0,003	0,011	0,104	FALSE
-0,156	0,283	-0,009	0,012	0,328	FALSE
-0,063	0,286	-0,002	0,010	0,064	FALSE
0,067	0,297	0,005	0,013	0,156	FALSE
0,024	0,302	0,002	0,013	0,069	FALSE
0,059	0,290	0,002	0,008	0,099	FALSE
-0,037	0,288	0,000	0,009	0,010	FALSE
-0,109	0,296	-0,004	0,011	0,133	FALSE
0,049	0,307	0,000	0,010	0,013	FALSE
-0,137	0,290	-0,005	0,012	0,195	FALSE
-0,095	0,293	-0,004	0,013	0,129	FALSE
0,011	0,294	0,000	0,007	0,004	FALSE
-0,017	0,291	-0,001	0,009	0,049	FALSE
0,062	0,286	0,003	0,013	0,088	FALSE
-0,074	0,287	-0,004	0,012	0,133	FALSE
0,079	0,288	0,001	0,011	0,044	FALSE
0,049	0,306	0,003	0,013	0,096	FALSE

0,024	0,289	0,001	0,009	0,028	FALSE
0,074	0,299	0,003	0,009	0,112	FALSE
0,002	0,293	0,001	0,010	0,030	FALSE
0,062	0,295	0,002	0,008	0,085	FALSE
0,101	0,284	0,003	0,008	0,117	FALSE
0,065	0,288	0,001	0,008	0,055	FALSE
0,057	0,296	0,001	0,008	0,049	FALSE
-0,013	0,286	0,000	0,006	0,029	FALSE
-0,007	0,289	0,000	0,012	0,010	FALSE
0,033	0,287	0,001	0,011	0,022	FALSE
-0,011	0,304	0,000	0,011	0,009	FALSE
0,063	0,297	0,001	0,008	0,044	FALSE
0,039	0,293	0,001	0,011	0,043	FALSE
-0,094	0,280	-0,002	0,007	0,107	FALSE
-0,086	0,290	-0,005	0,012	0,164	FALSE
0,106	0,280	0,004	0,013	0,121	FALSE
0,073	0,295	0,000	0,011	0,012	FALSE
0,063	0,283	0,003	0,012	0,086	FALSE
0,045	0,301	0,001	0,008	0,032	FALSE
-0,095	0,294	-0,002	0,007	0,092	FALSE
-0,179	0,284	-0,003	0,007	0,184	FALSE
0,057	0,297	0,000	0,006	0,002	FALSE
-0,110	0,286	-0,002	0,008	0,093	FALSE
-0,027	0,283	0,000	0,012	0,005	FALSE
0,026	0,297	0,002	0,013	0,042	FALSE
-0,036	0,283	-0,001	0,012	0,016	FALSE
-0,070	0,289	-0,001	0,009	0,049	FALSE
-0,090	0,280	-0,002	0,008	0,109	FALSE
-0,156	0,283	-0,005	0,013	0,158	FALSE
0,047	0,299	0,001	0,007	0,054	FALSE
-0,068	0,294	-0,001	0,011	0,034	FALSE
-0,071	0,290	-0,001	0,010	0,049	FALSE
-0,066	0,282	0,000	0,011	0,015	FALSE
-0,069	0,285	-0,001	0,011	0,033	FALSE
-0,136	0,291	-0,003	0,007	0,207	FALSE
0,059	0,288	0,002	0,013	0,063	FALSE
0,082	0,302	0,003	0,010	0,109	FALSE
0,016	0,293	0,001	0,013	0,030	FALSE
-0,041	0,296	-0,001	0,009	0,046	FALSE
0,001	0,278	0,000	0,009	0,019	FALSE
0,020	0,293	0,001	0,008	0,039	FALSE
-0,178	0,296	-0,006	0,010	0,245	FALSE
-0,143	0,275	-0,005	0,010	0,202	FALSE
-0,118	0,291	-0,002	0,014	0,068	FALSE
0,072	0,281	-0,001	0,010	0,027	FALSE
0,097	0,285	0,003	0,007	0,164	FALSE
0,039	0,292	0,001	0,011	0,020	FALSE
0,090	0,287	0,003	0,008	0,137	FALSE
-0,052	0,290	0,000	0,007	0,024	FALSE
0,103	0,287	0,003	0,011	0,094	FALSE
0,153	0,294	0,005	0,010	0,214	FALSE
-0,013	0,289	-0,002	0,010	0,062	FALSE
-0,046	0,289	-0,004	0,012	0,129	FALSE

-0,069	0,287	-0,001	0,006	0,082	FALSE
-0,010	0,289	0,001	0,008	0,025	FALSE
0,099	0,285	0,003	0,008	0,129	FALSE
0,035	0,303	0,002	0,008	0,075	FALSE
-0,139	0,290	-0,006	0,010	0,281	FALSE
-0,019	0,280	-0,002	0,012	0,068	FALSE
-0,007	0,296	-0,001	0,007	0,060	FALSE
0,111	0,293	0,004	0,012	0,126	FALSE
-0,057	0,287	-0,004	0,011	0,140	FALSE
0,066	0,289	0,003	0,012	0,082	FALSE
0,039	0,293	-0,001	0,010	0,021	FALSE
0,073	0,300	0,003	0,012	0,103	FALSE
-0,029	0,292	-0,001	0,007	0,073	FALSE
0,002	0,297	-0,001	0,007	0,031	FALSE
-0,104	0,282	-0,004	0,013	0,126	FALSE
0,047	0,299	0,001	0,008	0,065	FALSE
0,031	0,284	-0,001	0,009	0,030	FALSE
0,127	0,286	0,002	0,007	0,125	FALSE
0,009	0,293	0,000	0,007	0,003	FALSE
0,128	0,293	0,006	0,013	0,193	FALSE
0,006	0,292	0,000	0,007	0,015	FALSE
0,024	0,282	0,000	0,007	0,010	FALSE
0,011	0,300	0,000	0,013	0,007	FALSE
-0,022	0,290	0,000	0,007	0,018	FALSE
-0,096	0,286	-0,002	0,007	0,134	FALSE
0,092	0,309	0,002	0,010	0,085	FALSE
0,000	0,295	0,000	0,008	0,001	FALSE
0,163	0,289	0,003	0,008	0,161	FALSE
0,041	0,285	0,002	0,007	0,113	FALSE
-0,097	0,295	-0,002	0,006	0,094	FALSE
0,079	0,295	0,002	0,011	0,087	FALSE
-0,101	0,298	-0,003	0,007	0,168	FALSE
-0,003	0,295	0,001	0,007	0,045	FALSE
0,043	0,275	0,003	0,007	0,149	FALSE
0,009	0,291	0,001	0,010	0,034	FALSE
0,008	0,298	0,000	0,007	0,006	FALSE
0,107	0,286	0,003	0,007	0,150	FALSE
-0,072	0,293	-0,002	0,007	0,113	FALSE
-0,061	0,300	-0,002	0,008	0,096	FALSE
0,034	0,288	0,001	0,006	0,034	FALSE
0,011	0,293	0,000	0,009	0,005	FALSE
0,071	0,301	0,002	0,012	0,065	FALSE
-0,072	0,277	-0,005	0,010	0,207	FALSE
0,048	0,287	0,000	0,009	0,020	FALSE
-0,081	0,291	-0,004	0,009	0,188	FALSE
-0,058	0,286	-0,002	0,006	0,115	FALSE
-0,071	0,279	-0,002	0,007	0,136	FALSE
0,112	0,294	0,004	0,012	0,126	FALSE
-0,020	0,290	-0,001	0,007	0,061	FALSE
-0,029	0,295	0,000	0,008	0,002	FALSE
0,056	0,288	0,003	0,011	0,105	FALSE
0,063	0,287	0,003	0,008	0,122	FALSE
0,024	0,289	0,001	0,009	0,041	FALSE

0,056	0,303	0,001	0,012	0,039	FALSE
0,140	0,274	0,006	0,012	0,193	FALSE
-0,061	0,288	-0,002	0,008	0,115	FALSE
-0,085	0,286	-0,001	0,006	0,082	FALSE
0,109	0,282	0,004	0,010	0,168	FALSE
-0,022	0,295	0,001	0,013	0,032	FALSE
0,035	0,299	0,001	0,007	0,027	FALSE
0,038	0,301	0,002	0,008	0,076	FALSE
0,041	0,289	0,001	0,008	0,039	FALSE
-0,062	0,282	-0,002	0,010	0,089	FALSE
0,016	0,282	-0,001	0,012	0,024	FALSE
0,023	0,298	0,000	0,007	0,012	FALSE
-0,017	0,291	0,000	0,012	0,001	FALSE
-0,033	0,278	0,001	0,010	0,033	FALSE
-0,051	0,299	-0,001	0,010	0,039	FALSE
0,012	0,293	0,001	0,009	0,026	FALSE
0,011	0,284	0,000	0,006	0,024	FALSE
-0,044	0,282	-0,001	0,007	0,032	FALSE
0,035	0,283	0,000	0,010	0,001	FALSE
0,064	0,295	0,004	0,009	0,155	FALSE
-0,092	0,286	-0,006	0,012	0,199	FALSE
-0,002	0,283	-0,001	0,009	0,024	FALSE
-0,124	0,287	-0,007	0,012	0,237	FALSE
0,007	0,298	0,000	0,011	0,004	FALSE
0,058	0,273	0,003	0,009	0,105	FALSE
-0,031	0,302	-0,001	0,011	0,019	FALSE
0,121	0,284	0,005	0,013	0,153	FALSE
0,043	0,297	0,000	0,007	0,006	FALSE
0,042	0,283	0,002	0,009	0,076	FALSE
-0,001	0,279	0,001	0,009	0,033	FALSE
0,083	0,288	0,000	0,009	0,013	FALSE
0,016	0,290	0,000	0,013	0,002	FALSE
0,150	0,293	0,004	0,008	0,234	FALSE
-0,003	0,300	-0,001	0,011	0,021	FALSE
0,053	0,288	0,001	0,008	0,062	FALSE
0,005	0,300	0,000	0,008	0,018	FALSE
0,063	0,289	0,003	0,012	0,083	FALSE
-0,037	0,291	-0,002	0,013	0,064	FALSE
-0,013	0,286	-0,001	0,012	0,025	FALSE
-0,073	0,279	0,000	0,006	0,021	FALSE
-0,135	0,291	-0,002	0,007	0,147	FALSE
-0,027	0,306	-0,001	0,010	0,030	FALSE
0,009	0,297	0,001	0,008	0,034	FALSE
0,072	0,304	0,002	0,007	0,117	FALSE
0,028	0,302	0,001	0,010	0,036	FALSE
0,074	0,284	0,003	0,010	0,120	FALSE
0,067	0,302	0,003	0,009	0,125	FALSE
-0,108	0,285	-0,004	0,013	0,109	FALSE
0,123	0,277	0,002	0,007	0,086	FALSE
-0,096	0,285	-0,003	0,008	0,142	FALSE
0,054	0,283	0,000	0,007	0,007	FALSE
0,064	0,297	0,003	0,009	0,124	FALSE
0,073	0,295	0,002	0,009	0,069	FALSE

-0,029	0,295	0,000	0,010	0,015	FALSE
0,036	0,303	0,000	0,007	0,007	FALSE
0,157	0,279	0,005	0,010	0,194	FALSE
0,165	0,292	0,004	0,010	0,183	FALSE
0,109	0,308	0,003	0,007	0,161	FALSE
0,020	0,297	0,001	0,008	0,053	FALSE
0,098	0,295	0,004	0,012	0,154	FALSE
-0,161	0,275	-0,004	0,007	0,219	FALSE
-0,120	0,284	-0,003	0,010	0,109	FALSE
-0,139	0,292	-0,004	0,011	0,140	FALSE
-0,095	0,291	-0,001	0,007	0,069	FALSE
-0,151	0,290	-0,005	0,010	0,190	FALSE
-0,131	0,290	-0,004	0,010	0,163	FALSE
-0,142	0,291	-0,005	0,010	0,181	FALSE
-0,140	0,298	-0,004	0,011	0,158	FALSE
-0,134	0,291	-0,004	0,010	0,163	FALSE
-0,082	0,284	-0,003	0,007	0,150	FALSE
0,102	0,295	0,002	0,007	0,124	FALSE
0,007	0,294	0,000	0,011	0,016	FALSE
0,144	0,290	0,005	0,010	0,188	FALSE
-0,155	0,278	-0,003	0,007	0,178	FALSE
-0,177	0,270	-0,004	0,007	0,213	FALSE
0,123	0,285	0,002	0,007	0,138	FALSE
0,084	0,291	0,001	0,008	0,035	FALSE
-0,022	0,293	-0,001	0,012	0,018	FALSE
0,038	0,283	0,002	0,010	0,058	FALSE
0,101	0,269	0,002	0,008	0,100	FALSE
0,009	0,277	-0,001	0,008	0,052	FALSE
-0,088	0,309	-0,003	0,013	0,073	FALSE
-0,067	0,292	-0,001	0,009	0,039	FALSE
-0,028	0,294	-0,001	0,012	0,015	FALSE
-0,002	0,287	0,000	0,011	0,006	FALSE
0,116	0,303	0,004	0,012	0,123	FALSE
0,068	0,283	0,002	0,011	0,060	FALSE
-0,035	0,304	0,000	0,006	0,022	FALSE
-0,054	0,290	-0,002	0,008	0,102	FALSE
-0,080	0,274	-0,002	0,007	0,120	FALSE
-0,050	0,282	-0,001	0,007	0,057	FALSE
0,061	0,294	0,001	0,013	0,034	FALSE
0,022	0,298	0,000	0,013	0,013	FALSE
0,009	0,288	0,000	0,012	0,012	FALSE
0,076	0,292	0,003	0,010	0,125	FALSE
0,116	0,291	0,004	0,010	0,168	FALSE
0,019	0,291	0,002	0,006	0,113	FALSE
0,157	0,284	0,004	0,009	0,204	FALSE
-0,165	0,291	-0,006	0,012	0,213	FALSE
0,093	0,280	0,002	0,007	0,131	FALSE
-0,043	0,296	-0,002	0,013	0,055	FALSE
-0,156	0,283	-0,004	0,009	0,208	FALSE
0,066	0,283	0,002	0,010	0,057	FALSE
-0,048	0,283	-0,002	0,012	0,058	FALSE
-0,196	0,283	-0,006	0,009	0,302	FALSE
-0,030	0,282	-0,001	0,011	0,024	FALSE

0,041	0,291	0,000	0,007	0,022	FALSE
0,159	0,291	0,004	0,008	0,254	FALSE
0,154	0,279	0,004	0,006	0,248	FALSE
0,026	0,294	0,002	0,013	0,058	FALSE
0,021	0,296	0,000	0,011	0,006	FALSE
0,104	0,291	0,003	0,010	0,122	FALSE
0,046	0,289	0,001	0,011	0,043	FALSE
0,046	0,287	-0,001	0,011	0,041	FALSE
0,009	0,298	0,001	0,008	0,028	FALSE
0,026	0,284	-0,001	0,012	0,025	FALSE
-0,101	0,294	-0,002	0,006	0,094	FALSE
0,102	0,276	0,004	0,008	0,208	FALSE
-0,013	0,293	0,000	0,009	0,015	FALSE
0,042	0,294	0,002	0,010	0,056	FALSE
0,031	0,283	0,002	0,012	0,072	FALSE
0,105	0,295	0,002	0,010	0,093	FALSE
-0,112	0,284	-0,002	0,014	0,063	FALSE
-0,070	0,277	-0,002	0,010	0,086	FALSE
-0,077	0,287	-0,003	0,009	0,110	FALSE
-0,213	0,279	-0,006	0,011	0,208	FALSE
-0,197	0,281	-0,005	0,011	0,177	FALSE
-0,235	0,272	-0,007	0,011	0,270	FALSE
0,036	0,289	0,001	0,011	0,036	FALSE
0,043	0,267	0,003	0,012	0,079	FALSE
0,035	0,271	0,002	0,012	0,074	FALSE
-0,067	0,296	0,000	0,008	0,000	FALSE
0,060	0,307	0,000	0,013	0,008	FALSE
-0,021	0,289	0,000	0,010	0,005	FALSE
0,014	0,290	0,000	0,013	0,006	FALSE
-0,061	0,295	-0,003	0,009	0,158	FALSE
-0,122	0,286	-0,004	0,010	0,144	FALSE
0,030	0,287	0,002	0,008	0,079	FALSE
-0,132	0,293	-0,006	0,013	0,191	FALSE
0,119	0,291	0,003	0,013	0,101	FALSE
-0,175	0,282	-0,005	0,011	0,170	FALSE
0,155	0,278	0,004	0,009	0,186	FALSE
-0,051	0,289	-0,001	0,012	0,032	FALSE
-0,156	0,282	-0,006	0,012	0,218	FALSE
0,062	0,278	0,001	0,007	0,034	FALSE
-0,023	0,287	0,000	0,007	0,009	FALSE
0,080	0,301	0,001	0,009	0,048	FALSE
-0,095	0,298	-0,004	0,009	0,181	FALSE
-0,119	0,275	-0,004	0,007	0,238	FALSE
0,068	0,275	0,002	0,010	0,090	FALSE
0,133	0,286	0,005	0,013	0,153	FALSE
0,115	0,286	0,002	0,007	0,121	FALSE
0,002	0,279	0,001	0,012	0,034	FALSE
-0,004	0,287	-0,001	0,013	0,036	FALSE
0,138	0,284	0,003	0,007	0,149	FALSE
0,006	0,292	0,001	0,008	0,052	FALSE
-0,118	0,273	-0,003	0,009	0,113	FALSE
-0,134	0,292	-0,002	0,007	0,119	FALSE
0,025	0,295	0,001	0,010	0,038	FALSE

-0,036	0,296	-0,002	0,011	0,056	FALSE
-0,044	0,287	-0,003	0,012	0,090	FALSE
-0,096	0,283	-0,003	0,012	0,097	FALSE
-0,110	0,285	-0,002	0,012	0,057	FALSE
-0,155	0,292	-0,005	0,011	0,166	FALSE
0,039	0,289	0,000	0,010	0,006	FALSE
0,120	0,292	0,006	0,012	0,195	FALSE
0,015	0,286	0,000	0,010	0,005	FALSE
0,007	0,286	0,000	0,010	0,011	FALSE
-0,151	0,282	-0,005	0,009	0,214	FALSE
-0,119	0,293	-0,003	0,009	0,163	FALSE
0,125	0,291	0,001	0,007	0,046	FALSE
-0,053	0,288	-0,003	0,012	0,112	FALSE
0,025	0,299	0,004	0,014	0,113	FALSE
-0,135	0,289	-0,006	0,012	0,195	FALSE
0,030	0,290	0,000	0,008	0,016	FALSE
0,069	0,312	0,001	0,008	0,051	FALSE
0,087	0,283	0,004	0,011	0,136	FALSE
0,046	0,263	0,002	0,009	0,094	FALSE
0,071	0,299	0,000	0,007	0,007	FALSE
0,071	0,280	0,000	0,006	0,025	FALSE
-0,072	0,302	-0,002	0,011	0,058	FALSE
-0,071	0,302	-0,001	0,008	0,057	FALSE
-0,028	0,295	-0,002	0,008	0,094	FALSE
0,116	0,288	0,004	0,010	0,190	FALSE
-0,019	0,292	-0,001	0,009	0,042	FALSE
-0,019	0,286	-0,002	0,008	0,071	FALSE
-0,055	0,288	-0,004	0,012	0,131	FALSE
-0,035	0,299	-0,002	0,012	0,059	FALSE
-0,058	0,303	-0,002	0,011	0,058	FALSE
-0,036	0,287	-0,001	0,010	0,039	FALSE
-0,021	0,304	0,000	0,013	0,007	FALSE
0,029	0,294	0,001	0,008	0,029	FALSE
0,060	0,294	0,001	0,012	0,044	FALSE
-0,180	0,279	-0,004	0,006	0,254	FALSE
0,096	0,302	0,005	0,013	0,164	FALSE
-0,050	0,280	-0,002	0,011	0,063	FALSE
-0,031	0,293	-0,003	0,013	0,081	FALSE
0,128	0,283	0,002	0,007	0,081	FALSE
-0,074	0,296	-0,002	0,012	0,073	FALSE
-0,027	0,306	0,000	0,013	0,003	FALSE
0,127	0,282	0,002	0,008	0,127	FALSE
0,148	0,272	0,005	0,007	0,284	FALSE
-0,048	0,283	-0,001	0,008	0,047	FALSE
0,016	0,290	0,000	0,012	0,004	FALSE
0,133	0,293	0,004	0,008	0,221	FALSE
0,058	0,299	0,001	0,007	0,032	FALSE
0,062	0,276	0,004	0,010	0,161	FALSE
0,082	0,283	0,006	0,013	0,199	FALSE
0,091	0,292	0,003	0,011	0,130	FALSE
0,075	0,293	0,003	0,010	0,105	FALSE
0,013	0,276	-0,003	0,009	0,145	FALSE
0,092	0,297	0,005	0,011	0,172	FALSE

-0,024	0,287	0,000	0,013	0,012	FALSE
-0,082	0,281	-0,003	0,008	0,133	FALSE
0,003	0,291	0,000	0,007	0,013	FALSE
-0,049	0,289	-0,002	0,007	0,102	FALSE
0,000	0,288	-0,001	0,008	0,038	FALSE
0,160	0,283	0,006	0,012	0,229	FALSE
-0,025	0,287	0,000	0,007	0,020	FALSE
-0,059	0,299	-0,001	0,013	0,033	FALSE
0,146	0,281	0,003	0,008	0,163	FALSE
0,046	0,296	0,002	0,008	0,077	FALSE
0,012	0,289	0,001	0,007	0,028	FALSE
0,097	0,291	0,002	0,010	0,068	FALSE
0,030	0,295	0,001	0,013	0,037	FALSE
0,046	0,295	0,001	0,007	0,077	FALSE
-0,059	0,281	-0,004	0,012	0,123	FALSE
-0,023	0,283	0,000	0,009	0,005	FALSE
-0,046	0,297	-0,002	0,010	0,058	FALSE
0,032	0,276	0,002	0,007	0,125	FALSE
0,015	0,295	0,002	0,007	0,097	FALSE
-0,022	0,289	0,000	0,011	0,007	FALSE
0,023	0,301	0,001	0,009	0,046	FALSE
-0,074	0,292	-0,001	0,007	0,056	FALSE
0,052	0,298	0,001	0,007	0,054	FALSE
0,081	0,303	0,001	0,007	0,050	FALSE
-0,005	0,274	0,000	0,007	0,021	FALSE
-0,023	0,294	-0,001	0,007	0,065	FALSE
-0,058	0,290	-0,002	0,008	0,109	FALSE
-0,017	0,290	0,000	0,006	0,018	FALSE
-0,010	0,295	-0,002	0,011	0,055	FALSE
-0,030	0,290	0,000	0,012	0,003	FALSE
0,109	0,299	0,005	0,011	0,207	FALSE
0,018	0,298	0,000	0,010	0,006	FALSE
0,082	0,299	0,005	0,012	0,166	FALSE
0,088	0,284	0,004	0,010	0,195	FALSE
0,047	0,299	0,001	0,012	0,038	FALSE
0,007	0,300	0,000	0,008	0,003	FALSE
0,093	0,282	0,003	0,011	0,117	FALSE
0,040	0,285	0,000	0,007	0,008	FALSE
0,053	0,292	0,000	0,007	0,019	FALSE
-0,105	0,282	-0,004	0,012	0,130	FALSE
-0,079	0,280	-0,003	0,008	0,144	FALSE
-0,013	0,291	0,000	0,009	0,011	FALSE
0,046	0,295	0,003	0,012	0,086	FALSE
0,057	0,300	0,002	0,013	0,058	FALSE
-0,047	0,290	0,000	0,008	0,001	FALSE
-0,016	0,292	0,000	0,009	0,012	FALSE
-0,160	0,279	-0,003	0,008	0,154	FALSE
0,124	0,291	0,003	0,008	0,120	FALSE
0,132	0,283	0,004	0,010	0,173	FALSE
0,065	0,299	0,002	0,008	0,107	FALSE
-0,133	0,302	-0,003	0,010	0,142	FALSE
0,046	0,283	0,002	0,008	0,096	FALSE
-0,079	0,279	-0,001	0,007	0,066	FALSE

0,030	0,295	0,002	0,013	0,061	FALSE
0,053	0,291	0,003	0,013	0,076	FALSE
-0,031	0,289	0,000	0,012	0,013	FALSE
-0,059	0,308	-0,001	0,012	0,031	FALSE
0,056	0,294	0,000	0,012	0,009	FALSE
-0,072	0,287	-0,002	0,008	0,102	FALSE
0,032	0,290	0,001	0,013	0,024	FALSE
-0,113	0,308	-0,003	0,009	0,134	FALSE
0,002	0,291	-0,001	0,008	0,028	FALSE
-0,004	0,295	0,000	0,010	0,005	FALSE
0,044	0,291	0,001	0,007	0,034	FALSE
-0,075	0,286	-0,001	0,007	0,059	FALSE
-0,128	0,291	-0,006	0,012	0,238	FALSE
-0,019	0,286	-0,002	0,012	0,055	FALSE
-0,014	0,294	-0,001	0,012	0,039	FALSE
-0,063	0,287	-0,001	0,007	0,048	FALSE
-0,064	0,291	-0,001	0,007	0,048	FALSE
0,090	0,290	0,001	0,009	0,053	FALSE
-0,022	0,289	-0,001	0,013	0,032	FALSE
0,007	0,302	0,000	0,007	0,023	FALSE
-0,080	0,284	-0,002	0,012	0,055	FALSE
0,145	0,293	0,003	0,012	0,098	FALSE
0,046	0,290	0,001	0,009	0,063	FALSE
0,129	0,286	0,007	0,014	0,205	FALSE
-0,044	0,293	-0,002	0,010	0,093	FALSE
0,027	0,302	0,001	0,007	0,050	FALSE
0,014	0,294	0,000	0,007	0,006	FALSE
0,030	0,285	0,001	0,011	0,021	FALSE
-0,056	0,288	-0,002	0,009	0,065	FALSE
-0,026	0,291	0,000	0,009	0,015	FALSE
0,027	0,277	0,001	0,012	0,033	FALSE
-0,022	0,304	0,000	0,010	0,013	FALSE
-0,043	0,276	-0,001	0,012	0,043	FALSE
0,021	0,293	0,000	0,011	0,005	FALSE
0,010	0,297	0,001	0,007	0,046	FALSE
0,064	0,314	0,002	0,013	0,066	FALSE
0,070	0,276	0,002	0,010	0,073	FALSE
0,076	0,301	0,003	0,010	0,111	FALSE
-0,008	0,291	0,000	0,006	0,028	FALSE
0,037	0,285	0,000	0,007	0,026	FALSE
0,047	0,288	0,001	0,012	0,032	FALSE
0,013	0,288	-0,001	0,010	0,044	FALSE
-0,034	0,286	0,000	0,011	0,007	FALSE
0,076	0,294	0,003	0,007	0,175	FALSE
0,018	0,294	0,002	0,009	0,065	FALSE
-0,109	0,288	-0,003	0,007	0,134	FALSE
0,089	0,296	0,003	0,011	0,113	FALSE
-0,025	0,291	-0,002	0,011	0,067	FALSE
-0,008	0,282	0,000	0,010	0,012	FALSE
0,088	0,281	0,002	0,007	0,146	FALSE
0,118	0,280	0,007	0,010	0,289	FALSE
0,077	0,291	0,000	0,008	0,012	FALSE
-0,009	0,289	-0,003	0,012	0,086	FALSE

-0,072	0,298	-0,002	0,009	0,093	FALSE
-0,022	0,288	-0,003	0,012	0,091	FALSE
0,003	0,288	0,001	0,011	0,046	FALSE
0,055	0,296	0,002	0,009	0,102	FALSE
-0,051	0,302	-0,002	0,014	0,064	FALSE
-0,002	0,292	-0,001	0,007	0,055	FALSE
0,015	0,278	-0,001	0,011	0,028	FALSE
-0,017	0,289	0,000	0,007	0,000	FALSE
-0,038	0,288	-0,001	0,007	0,041	FALSE
-0,128	0,281	-0,003	0,008	0,150	FALSE
0,240	0,284	0,008	0,012	0,294	FALSE
-0,059	0,281	-0,001	0,007	0,046	FALSE
0,087	0,302	0,003	0,009	0,134	FALSE
-0,014	0,294	-0,001	0,013	0,030	FALSE
0,059	0,293	0,001	0,008	0,024	FALSE
-0,071	0,287	-0,001	0,008	0,032	FALSE
-0,020	0,305	-0,002	0,013	0,049	FALSE
-0,174	0,298	-0,004	0,007	0,228	FALSE
0,073	0,294	0,002	0,007	0,088	FALSE
-0,119	0,283	-0,002	0,007	0,145	FALSE
0,026	0,300	-0,001	0,013	0,019	FALSE
0,002	0,295	0,000	0,008	0,002	FALSE
0,009	0,291	0,001	0,009	0,044	FALSE
-0,032	0,296	-0,001	0,007	0,062	FALSE
-0,136	0,278	-0,003	0,007	0,170	FALSE
0,025	0,278	0,004	0,012	0,125	FALSE
0,044	0,302	0,001	0,011	0,036	FALSE
-0,066	0,293	-0,001	0,012	0,034	FALSE
0,030	0,296	0,001	0,013	0,040	FALSE
-0,107	0,281	-0,003	0,010	0,101	FALSE
0,084	0,282	0,003	0,013	0,087	FALSE
-0,073	0,291	-0,002	0,012	0,063	FALSE
-0,084	0,304	-0,002	0,011	0,076	FALSE
-0,008	0,288	0,000	0,008	0,001	FALSE
-0,021	0,299	-0,001	0,009	0,050	FALSE
-0,140	0,287	-0,003	0,007	0,156	FALSE
-0,017	0,289	-0,003	0,013	0,095	FALSE
-0,059	0,283	-0,005	0,013	0,161	FALSE
-0,044	0,288	-0,001	0,012	0,030	FALSE
-0,062	0,295	-0,001	0,008	0,030	FALSE
0,003	0,297	0,000	0,008	0,007	FALSE
-0,049	0,284	-0,001	0,008	0,026	FALSE
0,078	0,289	0,001	0,009	0,043	FALSE
-0,047	0,296	-0,002	0,011	0,053	FALSE
0,039	0,289	0,001	0,007	0,063	FALSE
0,061	0,291	0,002	0,007	0,100	FALSE
0,020	0,300	0,001	0,012	0,043	FALSE
0,056	0,291	0,003	0,013	0,094	FALSE
-0,113	0,290	-0,003	0,010	0,112	FALSE
0,013	0,283	0,000	0,007	0,016	FALSE
-0,110	0,289	-0,002	0,009	0,068	FALSE
0,133	0,275	0,004	0,012	0,114	FALSE
-0,082	0,292	-0,003	0,012	0,102	FALSE

0,034	0,282	0,000	0,008	0,017	FALSE
0,040	0,292	0,003	0,012	0,095	FALSE
-0,021	0,283	0,001	0,007	0,040	FALSE
0,072	0,267	0,004	0,012	0,146	FALSE
-0,051	0,287	-0,002	0,011	0,083	FALSE
0,103	0,280	0,006	0,013	0,211	FALSE
-0,028	0,293	0,000	0,007	0,013	FALSE
-0,019	0,285	0,000	0,007	0,003	FALSE
-0,095	0,290	-0,002	0,010	0,064	FALSE
-0,096	0,295	-0,004	0,013	0,113	FALSE
-0,011	0,296	0,000	0,011	0,006	FALSE
0,053	0,284	0,003	0,011	0,112	FALSE
-0,118	0,283	-0,004	0,009	0,202	FALSE
-0,086	0,284	-0,001	0,007	0,059	FALSE
-0,037	0,288	-0,002	0,012	0,076	FALSE
-0,096	0,286	-0,001	0,007	0,076	FALSE
-0,134	0,268	-0,002	0,012	0,074	FALSE
0,103	0,278	0,003	0,010	0,110	FALSE
-0,006	0,291	0,001	0,009	0,022	FALSE
0,028	0,295	0,000	0,008	0,018	FALSE
0,015	0,294	0,003	0,009	0,130	FALSE
0,007	0,283	0,002	0,007	0,102	FALSE
-0,087	0,293	-0,005	0,012	0,159	FALSE
0,036	0,293	0,002	0,007	0,102	FALSE
-0,016	0,297	0,000	0,007	0,010	FALSE
-0,020	0,286	0,000	0,010	0,010	FALSE
0,061	0,298	0,002	0,009	0,081	FALSE
0,116	0,290	0,002	0,007	0,119	FALSE
0,133	0,288	0,005	0,012	0,156	FALSE
-0,049	0,295	-0,001	0,010	0,054	FALSE
0,074	0,293	0,002	0,009	0,105	FALSE
0,034	0,295	0,001	0,011	0,019	FALSE
-0,009	0,296	0,000	0,007	0,019	FALSE
-0,023	0,295	0,000	0,013	0,005	FALSE
0,008	0,292	0,000	0,011	0,015	FALSE
-0,068	0,280	-0,001	0,008	0,040	FALSE
-0,070	0,276	-0,001	0,007	0,064	FALSE
0,114	0,265	0,006	0,012	0,218	FALSE
-0,047	0,289	-0,002	0,012	0,047	FALSE
-0,077	0,287	-0,001	0,007	0,032	FALSE
-0,043	0,284	-0,003	0,013	0,102	FALSE
-0,009	0,286	0,001	0,009	0,023	FALSE
0,065	0,301	0,002	0,012	0,066	FALSE
-0,013	0,277	0,001	0,009	0,020	FALSE
-0,146	0,295	-0,006	0,013	0,213	FALSE
0,077	0,280	0,002	0,009	0,068	FALSE
-0,038	0,297	-0,002	0,012	0,054	FALSE
-0,067	0,286	-0,002	0,011	0,054	FALSE
0,014	0,287	0,001	0,011	0,048	FALSE
0,071	0,299	0,001	0,007	0,071	FALSE
0,129	0,296	0,003	0,007	0,136	FALSE
0,072	0,288	0,003	0,009	0,154	FALSE
0,042	0,288	0,004	0,011	0,154	FALSE

0,060	0,289	0,001	0,013	0,029	FALSE
0,059	0,280	0,003	0,011	0,119	FALSE
0,090	0,284	0,003	0,008	0,131	FALSE
-0,152	0,277	-0,004	0,008	0,226	FALSE
-0,083	0,298	-0,002	0,008	0,095	FALSE
-0,004	0,292	0,001	0,009	0,039	FALSE
0,097	0,286	0,003	0,012	0,084	FALSE
0,039	0,291	0,001	0,008	0,050	FALSE
-0,047	0,283	-0,003	0,013	0,103	FALSE
-0,004	0,294	0,001	0,010	0,018	FALSE
0,024	0,278	-0,001	0,013	0,020	FALSE
-0,020	0,288	-0,001	0,008	0,035	FALSE
0,024	0,289	0,001	0,011	0,034	FALSE
0,036	0,299	0,001	0,007	0,035	FALSE
0,014	0,300	0,001	0,008	0,029	FALSE
-0,055	0,301	-0,001	0,008	0,023	FALSE
0,017	0,301	0,002	0,012	0,053	FALSE
0,009	0,295	-0,001	0,013	0,025	FALSE
-0,053	0,293	0,000	0,010	0,016	FALSE
0,094	0,275	0,003	0,012	0,082	FALSE
0,086	0,284	0,002	0,012	0,052	FALSE
-0,098	0,283	-0,001	0,006	0,081	FALSE
-0,064	0,270	0,000	0,013	0,005	FALSE
0,036	0,314	0,000	0,008	0,015	FALSE
0,000	0,274	-0,001	0,007	0,066	FALSE
-0,021	0,293	0,000	0,007	0,016	FALSE
0,078	0,289	0,001	0,008	0,058	FALSE
-0,089	0,273	-0,001	0,008	0,024	FALSE
0,008	0,292	0,000	0,012	0,013	FALSE
-0,089	0,285	-0,002	0,008	0,073	FALSE
-0,164	0,295	-0,007	0,012	0,269	FALSE
0,073	0,290	0,001	0,007	0,080	FALSE
-0,035	0,286	-0,002	0,007	0,118	FALSE
0,016	0,296	0,000	0,007	0,010	FALSE
-0,079	0,281	-0,002	0,007	0,113	FALSE
-0,093	0,288	-0,003	0,009	0,130	FALSE
0,035	0,289	0,000	0,008	0,003	FALSE
0,031	0,293	0,002	0,007	0,104	FALSE
-0,163	0,288	-0,004	0,010	0,182	FALSE
-0,124	0,281	-0,002	0,011	0,078	FALSE
-0,088	0,299	-0,002	0,012	0,071	FALSE
0,119	0,285	0,003	0,008	0,167	FALSE
-0,029	0,285	-0,001	0,011	0,035	FALSE
0,072	0,291	0,001	0,009	0,057	FALSE
0,024	0,301	0,001	0,012	0,017	FALSE
-0,041	0,288	0,000	0,009	0,012	FALSE
-0,034	0,291	0,000	0,010	0,002	FALSE
-0,099	0,287	-0,007	0,013	0,219	FALSE
-0,026	0,271	-0,003	0,011	0,117	FALSE
-0,035	0,294	0,000	0,008	0,012	FALSE
0,027	0,282	0,000	0,012	0,002	FALSE
0,003	0,291	0,001	0,008	0,050	FALSE
-0,037	0,269	0,000	0,012	0,001	FALSE

0,141	0,285	0,004	0,009	0,207	FALSE
0,030	0,287	0,003	0,011	0,105	FALSE
0,151	0,307	0,003	0,007	0,152	FALSE
-0,024	0,305	0,000	0,007	0,022	FALSE
0,013	0,280	0,001	0,008	0,023	FALSE
-0,040	0,297	-0,001	0,013	0,014	FALSE
0,082	0,290	0,002	0,007	0,132	FALSE
-0,090	0,293	-0,003	0,007	0,142	FALSE
-0,026	0,290	0,000	0,012	0,013	FALSE
-0,045	0,286	-0,002	0,007	0,100	FALSE
0,012	0,290	0,001	0,007	0,058	FALSE
0,045	0,295	0,001	0,006	0,066	FALSE
0,044	0,289	0,004	0,012	0,111	FALSE
0,029	0,300	0,001	0,011	0,027	FALSE
0,070	0,278	0,001	0,011	0,017	FALSE
0,069	0,280	0,000	0,011	0,011	FALSE
0,082	0,290	0,004	0,008	0,186	FALSE
-0,207	0,286	-0,005	0,008	0,315	FALSE
0,058	0,307	0,003	0,013	0,104	FALSE
-0,003	0,293	0,002	0,008	0,092	FALSE
-0,040	0,287	-0,002	0,012	0,062	FALSE
0,113	0,292	0,003	0,007	0,181	FALSE
-0,034	0,300	-0,001	0,013	0,034	FALSE
-0,054	0,293	-0,001	0,012	0,028	FALSE
0,183	0,281	0,003	0,011	0,098	FALSE
-0,096	0,288	-0,002	0,012	0,046	FALSE
-0,049	0,291	0,000	0,007	0,008	FALSE
0,156	0,278	0,007	0,011	0,276	FALSE
-0,112	0,290	-0,003	0,008	0,155	FALSE
-0,020	0,283	0,001	0,010	0,036	FALSE
-0,115	0,299	-0,007	0,013	0,210	FALSE
-0,107	0,276	-0,007	0,012	0,223	FALSE
-0,074	0,283	-0,006	0,012	0,194	FALSE
-0,042	0,297	-0,004	0,013	0,132	FALSE
-0,030	0,286	-0,001	0,010	0,046	FALSE
-0,012	0,286	0,000	0,008	0,015	FALSE
-0,102	0,288	-0,002	0,011	0,063	FALSE
0,056	0,287	0,000	0,006	0,015	FALSE
0,012	0,286	-0,001	0,009	0,038	FALSE
0,002	0,283	-0,001	0,010	0,020	FALSE
0,020	0,289	0,000	0,007	0,020	FALSE
0,029	0,286	0,002	0,009	0,065	FALSE
-0,096	0,287	-0,002	0,009	0,107	FALSE
0,135	0,292	0,004	0,007	0,237	FALSE
0,199	0,280	0,007	0,011	0,260	FALSE
0,132	0,286	0,005	0,011	0,192	FALSE
-0,028	0,288	-0,001	0,007	0,065	FALSE
0,149	0,290	0,004	0,007	0,264	FALSE
0,037	0,289	0,001	0,011	0,037	FALSE
0,035	0,297	0,002	0,011	0,078	FALSE
-0,107	0,296	-0,003	0,008	0,119	FALSE
-0,092	0,294	-0,002	0,008	0,096	FALSE
-0,072	0,303	-0,002	0,008	0,077	FALSE

0,014	0,293	0,002	0,011	0,065	FALSE
-0,053	0,297	-0,001	0,010	0,037	FALSE
-0,055	0,289	-0,001	0,009	0,044	FALSE
-0,073	0,283	-0,001	0,012	0,039	FALSE
-0,047	0,284	0,000	0,010	0,014	FALSE
-0,024	0,293	0,000	0,009	0,019	FALSE
-0,049	0,285	-0,002	0,011	0,056	FALSE
0,038	0,276	0,003	0,006	0,183	FALSE
-0,044	0,284	-0,001	0,012	0,021	FALSE
-0,034	0,282	-0,002	0,012	0,075	FALSE
-0,020	0,282	-0,001	0,012	0,020	FALSE
-0,112	0,287	-0,004	0,013	0,116	FALSE
0,033	0,296	0,000	0,011	0,016	FALSE
0,112	0,278	0,001	0,008	0,059	FALSE
-0,066	0,286	0,000	0,012	0,011	FALSE
0,074	0,278	0,001	0,006	0,053	FALSE
-0,007	0,300	0,000	0,008	0,021	FALSE
0,155	0,294	0,002	0,009	0,088	FALSE
0,102	0,289	0,004	0,012	0,114	FALSE
0,018	0,279	0,001	0,011	0,032	FALSE
0,022	0,288	0,001	0,007	0,044	FALSE
0,093	0,299	0,002	0,011	0,055	FALSE
-0,048	0,293	-0,001	0,006	0,086	FALSE
0,052	0,288	0,001	0,012	0,024	FALSE
0,064	0,292	0,002	0,010	0,056	FALSE
0,101	0,277	0,003	0,008	0,155	FALSE
0,126	0,278	0,003	0,007	0,148	FALSE
-0,093	0,302	-0,004	0,011	0,157	FALSE
-0,111	0,289	-0,005	0,011	0,166	FALSE
0,020	0,300	0,001	0,008	0,043	FALSE
0,043	0,293	0,001	0,007	0,072	FALSE
0,020	0,288	0,000	0,008	0,007	FALSE
0,042	0,301	0,001	0,007	0,043	FALSE
0,117	0,276	0,003	0,007	0,217	FALSE
0,088	0,287	0,002	0,010	0,064	FALSE
-0,036	0,283	0,000	0,007	0,000	FALSE
-0,017	0,296	0,001	0,007	0,027	FALSE
-0,036	0,266	0,000	0,007	0,015	FALSE
-0,068	0,283	-0,002	0,007	0,119	FALSE
0,037	0,291	0,002	0,009	0,089	FALSE
0,037	0,285	0,002	0,009	0,091	FALSE
-0,060	0,303	-0,003	0,011	0,101	FALSE
0,031	0,288	0,002	0,013	0,066	FALSE
-0,007	0,297	0,000	0,013	0,003	FALSE
0,118	0,298	0,003	0,009	0,104	FALSE
0,018	0,301	-0,001	0,012	0,031	FALSE
-0,004	0,296	0,000	0,011	0,015	FALSE
-0,011	0,293	0,000	0,006	0,022	FALSE
0,040	0,287	0,003	0,011	0,128	FALSE
0,005	0,282	0,003	0,012	0,102	FALSE
0,044	0,286	-0,001	0,013	0,024	FALSE
0,013	0,289	-0,001	0,008	0,059	FALSE
0,108	0,277	0,004	0,011	0,158	FALSE

0,093	0,299	0,003	0,012	0,111	FALSE
-0,109	0,284	-0,003	0,011	0,107	FALSE
-0,021	0,277	-0,001	0,011	0,020	FALSE
0,088	0,286	0,003	0,011	0,095	FALSE
0,113	0,267	0,003	0,007	0,153	FALSE
0,124	0,297	0,004	0,009	0,182	FALSE
0,109	0,269	0,004	0,006	0,247	FALSE
-0,042	0,289	-0,002	0,007	0,092	FALSE
0,126	0,290	0,006	0,013	0,203	FALSE
-0,035	0,291	0,000	0,013	0,010	FALSE
0,020	0,286	-0,001	0,010	0,045	FALSE
-0,042	0,287	-0,003	0,009	0,146	FALSE
-0,003	0,295	0,000	0,007	0,023	FALSE
0,048	0,288	0,001	0,007	0,034	FALSE
0,135	0,281	0,003	0,007	0,216	FALSE
0,059	0,288	0,002	0,008	0,104	FALSE
0,166	0,290	0,003	0,007	0,190	FALSE
-0,136	0,284	-0,004	0,010	0,154	FALSE
-0,159	0,289	-0,005	0,010	0,193	FALSE
0,111	0,285	0,004	0,011	0,132	FALSE
0,151	0,280	0,005	0,012	0,164	FALSE
-0,055	0,285	-0,001	0,007	0,063	FALSE
0,061	0,288	-0,001	0,009	0,043	FALSE
0,044	0,291	0,001	0,011	0,020	FALSE
0,039	0,285	0,001	0,007	0,065	FALSE
-0,084	0,282	-0,003	0,008	0,143	FALSE
0,043	0,282	0,002	0,012	0,065	FALSE
-0,025	0,289	-0,001	0,007	0,038	FALSE
0,050	0,288	0,001	0,008	0,069	FALSE
0,017	0,271	0,000	0,008	0,004	FALSE
0,167	0,274	0,008	0,011	0,303	FALSE
0,024	0,278	0,001	0,012	0,023	FALSE
0,038	0,290	0,002	0,012	0,061	FALSE
0,013	0,286	0,001	0,012	0,017	FALSE
-0,062	0,291	-0,001	0,008	0,040	FALSE
0,007	0,294	0,001	0,012	0,019	FALSE
-0,056	0,294	-0,002	0,009	0,078	FALSE
0,014	0,286	0,002	0,012	0,049	FALSE
0,023	0,299	0,000	0,009	0,006	FALSE
-0,052	0,288	-0,002	0,008	0,104	FALSE
0,041	0,288	-0,001	0,007	0,041	FALSE
-0,135	0,284	-0,004	0,009	0,175	FALSE
0,042	0,280	0,002	0,013	0,061	FALSE
0,068	0,290	0,003	0,013	0,090	FALSE
-0,008	0,290	-0,001	0,009	0,052	FALSE
0,061	0,297	0,002	0,011	0,051	FALSE
0,039	0,290	0,002	0,013	0,058	FALSE
0,075	0,308	0,002	0,007	0,081	FALSE
-0,143	0,276	-0,005	0,011	0,188	FALSE
0,162	0,280	0,007	0,011	0,273	FALSE
-0,139	0,296	-0,007	0,013	0,224	FALSE
-0,076	0,297	-0,005	0,013	0,152	FALSE
-0,081	0,299	-0,004	0,013	0,109	FALSE

0,086	0,290	0,002	0,006	0,104	FALSE
0,010	0,306	0,001	0,012	0,023	FALSE
-0,044	0,300	-0,001	0,007	0,036	FALSE
0,101	0,296	0,002	0,007	0,109	FALSE
-0,036	0,294	0,000	0,013	0,003	FALSE
-0,107	0,276	-0,004	0,009	0,169	FALSE
0,072	0,283	0,004	0,010	0,156	FALSE
0,015	0,297	0,001	0,009	0,048	FALSE
0,094	0,289	0,006	0,010	0,245	FALSE
0,081	0,276	0,005	0,010	0,218	FALSE
0,028	0,298	0,001	0,006	0,070	FALSE
-0,154	0,287	-0,004	0,011	0,165	FALSE
-0,160	0,293	-0,005	0,011	0,180	FALSE
0,079	0,293	0,002	0,011	0,084	FALSE
0,054	0,290	0,001	0,008	0,050	FALSE
0,003	0,283	-0,001	0,011	0,049	FALSE
-0,003	0,300	-0,002	0,010	0,059	FALSE
-0,144	0,279	-0,004	0,009	0,189	FALSE
-0,033	0,299	-0,001	0,008	0,056	FALSE
-0,028	0,285	-0,001	0,008	0,047	FALSE
0,041	0,282	0,001	0,012	0,026	FALSE
-0,067	0,291	-0,002	0,008	0,078	FALSE
0,068	0,280	0,003	0,012	0,102	FALSE
0,036	0,303	0,004	0,013	0,117	FALSE
0,113	0,298	0,002	0,008	0,098	FALSE
-0,062	0,289	-0,003	0,013	0,089	FALSE
-0,060	0,284	-0,002	0,012	0,062	FALSE
0,061	0,295	0,001	0,007	0,058	FALSE
0,014	0,285	0,000	0,011	0,010	FALSE
-0,003	0,288	0,000	0,011	0,001	FALSE
0,024	0,296	0,001	0,012	0,037	FALSE
0,127	0,285	0,003	0,010	0,118	FALSE
-0,005	0,293	0,001	0,012	0,029	FALSE
-0,156	0,292	-0,003	0,007	0,191	FALSE
-0,074	0,274	-0,001	0,010	0,050	FALSE
-0,032	0,299	-0,002	0,012	0,069	FALSE
0,046	0,295	0,000	0,008	0,013	FALSE
0,020	0,305	0,001	0,010	0,027	FALSE
0,003	0,305	0,000	0,010	0,011	FALSE
-0,019	0,292	0,001	0,010	0,042	FALSE
0,030	0,289	0,000	0,012	0,001	FALSE
0,004	0,299	0,000	0,013	0,011	FALSE
-0,152	0,283	-0,007	0,013	0,210	FALSE
-0,016	0,302	0,001	0,010	0,033	FALSE
-0,071	0,291	-0,002	0,011	0,077	FALSE
-0,050	0,278	-0,001	0,010	0,049	FALSE
-0,055	0,279	-0,001	0,010	0,051	FALSE
-0,047	0,287	-0,001	0,009	0,048	FALSE
-0,170	0,288	-0,003	0,007	0,200	FALSE
0,060	0,299	0,001	0,013	0,021	FALSE
0,071	0,298	0,002	0,013	0,042	FALSE
-0,043	0,292	0,000	0,012	0,013	FALSE
0,054	0,296	0,000	0,007	0,020	FALSE

0,046	0,280	0,002	0,007	0,099	FALSE
-0,041	0,299	-0,001	0,009	0,021	FALSE
-0,021	0,286	-0,002	0,013	0,041	FALSE
-0,113	0,292	-0,002	0,007	0,126	FALSE
0,144	0,306	0,003	0,007	0,194	FALSE
-0,067	0,289	-0,001	0,008	0,056	FALSE
0,076	0,296	0,001	0,007	0,070	FALSE
0,048	0,298	0,001	0,008	0,034	FALSE
0,015	0,287	0,001	0,007	0,036	FALSE
-0,033	0,285	-0,001	0,007	0,073	FALSE
0,065	0,289	0,004	0,011	0,150	FALSE
-0,122	0,287	-0,002	0,006	0,128	FALSE
-0,062	0,309	-0,003	0,011	0,106	FALSE
-0,157	0,284	-0,004	0,009	0,189	FALSE
-0,062	0,300	-0,002	0,011	0,084	FALSE
0,054	0,302	0,002	0,007	0,126	FALSE
-0,117	0,283	-0,002	0,007	0,134	FALSE
0,103	0,292	0,002	0,009	0,107	FALSE
-0,038	0,282	-0,001	0,007	0,071	FALSE
-0,041	0,297	0,000	0,007	0,003	FALSE
0,147	0,283	0,007	0,011	0,267	FALSE
0,147	0,289	0,006	0,011	0,257	FALSE
-0,123	0,273	-0,002	0,007	0,118	FALSE
0,171	0,278	0,003	0,007	0,202	FALSE
-0,009	0,295	-0,001	0,013	0,026	FALSE
0,119	0,279	0,002	0,007	0,141	FALSE
0,009	0,286	0,000	0,012	0,004	FALSE
-0,014	0,287	-0,003	0,012	0,097	FALSE
-0,020	0,280	-0,004	0,012	0,117	FALSE
0,103	0,299	0,005	0,012	0,153	FALSE
0,104	0,295	0,004	0,012	0,136	FALSE
0,087	0,289	0,003	0,011	0,103	FALSE
0,041	0,275	0,000	0,007	0,007	FALSE
-0,031	0,295	-0,002	0,013	0,041	FALSE
0,020	0,296	0,002	0,009	0,065	FALSE
0,017	0,294	0,001	0,009	0,064	FALSE
-0,071	0,272	-0,004	0,011	0,145	FALSE
-0,121	0,270	-0,005	0,010	0,222	FALSE
-0,071	0,284	-0,003	0,010	0,134	FALSE
-0,055	0,288	-0,003	0,010	0,105	FALSE
0,081	0,271	0,001	0,011	0,046	FALSE
-0,032	0,295	-0,001	0,008	0,056	FALSE
0,014	0,290	0,002	0,013	0,050	FALSE
0,002	0,300	0,000	0,007	0,013	FALSE
-0,044	0,287	0,000	0,012	0,002	FALSE
-0,032	0,281	0,001	0,012	0,024	FALSE
-0,080	0,279	-0,005	0,013	0,161	FALSE
0,089	0,282	0,001	0,009	0,050	FALSE
0,102	0,294	0,004	0,012	0,120	FALSE
-0,009	0,293	0,001	0,011	0,024	FALSE
0,011	0,297	-0,001	0,008	0,029	FALSE
-0,023	0,289	0,000	0,009	0,003	FALSE
-0,036	0,303	-0,001	0,007	0,054	FALSE

0,118	0,297	0,002	0,008	0,091	FALSE
-0,126	0,295	-0,004	0,007	0,216	FALSE
0,068	0,284	0,001	0,008	0,028	FALSE
-0,023	0,292	0,001	0,012	0,040	FALSE
-0,120	0,286	-0,001	0,008	0,067	FALSE
-0,091	0,290	-0,001	0,006	0,032	FALSE
-0,143	0,280	-0,004	0,008	0,196	FALSE
0,072	0,290	0,002	0,007	0,090	FALSE
0,100	0,300	0,003	0,008	0,130	FALSE
-0,156	0,280	-0,005	0,009	0,239	FALSE
-0,048	0,285	-0,001	0,007	0,056	FALSE
-0,171	0,291	-0,005	0,013	0,169	FALSE
0,029	0,282	0,001	0,007	0,063	FALSE
0,025	0,294	-0,001	0,009	0,026	FALSE
0,042	0,294	0,001	0,007	0,058	FALSE
0,031	0,283	0,001	0,007	0,038	FALSE
-0,017	0,277	0,001	0,009	0,046	FALSE
0,149	0,279	0,002	0,007	0,130	FALSE
-0,002	0,290	-0,001	0,009	0,041	FALSE
-0,065	0,291	-0,003	0,012	0,108	FALSE
-0,031	0,291	-0,001	0,011	0,027	FALSE
0,001	0,290	0,001	0,009	0,020	FALSE
0,114	0,289	0,002	0,007	0,120	FALSE
0,008	0,280	-0,002	0,010	0,086	FALSE
-0,072	0,276	-0,005	0,011	0,181	FALSE
-0,113	0,287	-0,004	0,010	0,146	FALSE
-0,092	0,283	-0,002	0,009	0,078	FALSE
-0,070	0,281	-0,003	0,010	0,131	FALSE
0,051	0,298	0,001	0,009	0,043	FALSE
-0,011	0,281	0,001	0,012	0,032	FALSE
-0,134	0,276	-0,005	0,009	0,205	FALSE
0,053	0,286	0,001	0,011	0,037	FALSE
0,013	0,295	0,000	0,006	0,013	FALSE
0,053	0,297	0,001	0,009	0,047	FALSE
0,077	0,273	0,004	0,008	0,186	FALSE
0,032	0,305	0,002	0,013	0,060	FALSE
-0,060	0,299	-0,002	0,013	0,072	FALSE
-0,006	0,290	0,001	0,009	0,039	FALSE
-0,014	0,278	-0,003	0,011	0,118	FALSE
-0,075	0,283	-0,001	0,007	0,046	FALSE
0,038	0,281	0,002	0,012	0,066	FALSE
0,130	0,281	0,005	0,010	0,232	FALSE
-0,049	0,280	0,001	0,013	0,037	FALSE
0,023	0,284	0,003	0,012	0,084	FALSE
-0,142	0,270	-0,004	0,010	0,151	FALSE
0,097	0,278	0,004	0,012	0,147	FALSE
0,007	0,286	-0,001	0,010	0,034	FALSE
-0,023	0,295	0,000	0,007	0,008	FALSE
0,123	0,296	0,003	0,006	0,182	FALSE
0,071	0,278	0,004	0,012	0,133	FALSE
-0,074	0,278	-0,001	0,007	0,087	FALSE
0,026	0,271	0,000	0,011	0,003	FALSE
-0,095	0,284	-0,004	0,010	0,172	FALSE

0,145	0,283	0,005	0,009	0,244	FALSE
0,108	0,294	0,004	0,009	0,169	FALSE
0,082	0,287	0,002	0,007	0,089	FALSE
-0,029	0,305	0,000	0,006	0,015	FALSE
0,094	0,304	0,002	0,006	0,126	FALSE
-0,008	0,279	-0,003	0,010	0,122	FALSE
-0,150	0,292	-0,004	0,009	0,169	FALSE
0,210	0,281	0,006	0,011	0,250	FALSE
0,014	0,284	0,000	0,008	0,016	FALSE
-0,153	0,292	-0,004	0,009	0,184	FALSE
-0,107	0,281	-0,002	0,008	0,086	FALSE
0,145	0,294	0,006	0,013	0,176	FALSE
0,007	0,291	-0,001	0,012	0,040	FALSE
-0,026	0,289	-0,004	0,013	0,118	FALSE
0,039	0,294	0,001	0,009	0,023	FALSE
-0,012	0,289	0,000	0,008	0,001	FALSE
0,115	0,292	0,001	0,007	0,078	FALSE
-0,054	0,301	-0,001	0,007	0,079	FALSE
0,048	0,286	0,001	0,007	0,082	FALSE
0,050	0,288	0,002	0,006	0,117	FALSE
-0,014	0,299	-0,001	0,006	0,043	FALSE
-0,002	0,295	-0,001	0,011	0,041	FALSE
0,031	0,291	0,002	0,010	0,076	FALSE
0,064	0,291	0,001	0,010	0,032	FALSE
-0,077	0,296	-0,003	0,009	0,115	FALSE
-0,087	0,291	-0,003	0,009	0,125	FALSE
-0,026	0,274	-0,004	0,010	0,161	FALSE
-0,027	0,291	0,000	0,009	0,016	FALSE
-0,036	0,297	0,001	0,010	0,019	FALSE
-0,035	0,284	0,000	0,009	0,015	FALSE
-0,040	0,283	0,000	0,007	0,000	FALSE
0,035	0,290	0,004	0,013	0,118	FALSE
-0,001	0,285	0,000	0,007	0,017	FALSE
-0,051	0,289	0,000	0,007	0,021	FALSE
-0,060	0,288	-0,002	0,007	0,144	FALSE
-0,069	0,283	-0,002	0,008	0,112	FALSE
-0,060	0,293	-0,004	0,011	0,129	FALSE
0,069	0,289	0,002	0,007	0,093	FALSE
-0,080	0,284	-0,004	0,013	0,140	FALSE
0,125	0,276	0,006	0,012	0,196	FALSE
-0,025	0,289	-0,001	0,007	0,037	FALSE
0,038	0,291	0,002	0,012	0,068	FALSE
-0,045	0,296	-0,002	0,008	0,075	FALSE
-0,030	0,296	-0,001	0,013	0,014	FALSE
-0,051	0,306	-0,002	0,014	0,062	FALSE
-0,048	0,290	0,000	0,007	0,011	FALSE
0,018	0,277	-0,001	0,006	0,036	FALSE
-0,080	0,296	-0,002	0,011	0,065	FALSE
-0,062	0,299	-0,003	0,012	0,085	FALSE
-0,096	0,299	-0,004	0,013	0,130	FALSE
-0,022	0,290	-0,003	0,011	0,114	FALSE
0,023	0,285	0,003	0,010	0,101	FALSE
-0,025	0,287	0,000	0,006	0,023	FALSE

-0,055	0,302	-0,001	0,008	0,032	FALSE
0,131	0,280	0,006	0,008	0,316	FALSE
-0,096	0,304	-0,002	0,008	0,103	FALSE
-0,006	0,292	-0,001	0,008	0,054	FALSE
0,060	0,291	0,001	0,007	0,051	FALSE
0,051	0,293	0,001	0,008	0,057	FALSE
0,005	0,285	0,000	0,006	0,015	FALSE
0,074	0,293	0,001	0,007	0,084	FALSE
-0,107	0,270	-0,003	0,012	0,087	FALSE
0,166	0,284	0,006	0,012	0,226	FALSE
0,161	0,284	0,007	0,009	0,315	FALSE
0,035	0,302	0,001	0,010	0,035	FALSE
0,048	0,292	0,002	0,007	0,106	FALSE
-0,208	0,267	-0,008	0,012	0,290	FALSE
0,009	0,283	0,001	0,008	0,040	FALSE
-0,114	0,290	-0,004	0,011	0,148	FALSE
-0,077	0,286	-0,004	0,013	0,128	FALSE
0,115	0,296	0,003	0,011	0,120	FALSE
-0,118	0,283	-0,003	0,008	0,177	FALSE
-0,096	0,278	-0,002	0,009	0,102	FALSE
-0,179	0,274	-0,003	0,007	0,176	FALSE
-0,043	0,291	-0,001	0,007	0,040	FALSE
0,050	0,294	0,002	0,010	0,063	FALSE
0,014	0,294	0,002	0,013	0,049	FALSE
0,079	0,281	0,003	0,009	0,136	FALSE
-0,027	0,284	0,001	0,009	0,027	FALSE
0,043	0,290	-0,001	0,007	0,041	FALSE
-0,105	0,296	-0,003	0,008	0,149	FALSE
0,065	0,285	0,001	0,008	0,036	FALSE
0,193	0,281	0,007	0,010	0,280	FALSE
0,031	0,275	0,002	0,011	0,082	FALSE
-0,069	0,286	0,000	0,008	0,006	FALSE
-0,149	0,284	-0,004	0,010	0,177	FALSE
-0,143	0,289	-0,004	0,007	0,256	FALSE
-0,025	0,286	-0,001	0,009	0,027	FALSE
0,021	0,291	0,000	0,011	0,013	FALSE
-0,095	0,284	-0,003	0,011	0,106	FALSE
0,012	0,286	0,001	0,008	0,060	FALSE
0,143	0,279	0,003	0,006	0,179	FALSE
-0,104	0,292	-0,003	0,011	0,094	FALSE
0,010	0,302	0,000	0,008	0,008	FALSE
-0,058	0,291	-0,001	0,007	0,071	FALSE
-0,088	0,278	-0,002	0,008	0,073	FALSE
0,110	0,303	0,003	0,012	0,108	FALSE
-0,079	0,287	-0,001	0,007	0,072	FALSE
-0,041	0,288	-0,001	0,007	0,027	FALSE
-0,058	0,285	-0,001	0,007	0,073	FALSE
0,050	0,291	0,004	0,012	0,120	FALSE
-0,071	0,276	-0,005	0,010	0,217	FALSE
-0,076	0,284	-0,004	0,011	0,149	FALSE
0,052	0,291	0,003	0,009	0,116	FALSE
0,086	0,287	0,003	0,009	0,122	FALSE
0,101	0,277	0,003	0,008	0,153	FALSE

0,133	0,294	0,004	0,013	0,119	FALSE
0,072	0,295	0,005	0,013	0,170	FALSE
-0,031	0,278	0,001	0,012	0,040	FALSE
0,004	0,288	0,002	0,011	0,053	FALSE
0,099	0,281	0,002	0,010	0,082	FALSE
0,034	0,297	0,003	0,014	0,075	FALSE
-0,115	0,285	-0,005	0,013	0,151	FALSE
0,119	0,291	0,003	0,007	0,168	FALSE
-0,068	0,284	-0,001	0,011	0,028	FALSE
-0,023	0,273	0,001	0,010	0,026	FALSE
-0,167	0,281	-0,004	0,007	0,196	FALSE
0,050	0,302	0,002	0,007	0,088	FALSE
-0,152	0,292	-0,006	0,013	0,200	FALSE
0,049	0,297	0,001	0,009	0,040	FALSE
0,116	0,292	0,003	0,009	0,128	FALSE
0,137	0,284	0,004	0,007	0,200	FALSE
0,050	0,290	0,001	0,009	0,024	FALSE
-0,038	0,300	0,000	0,007	0,023	FALSE
-0,208	0,280	-0,006	0,012	0,217	FALSE
0,141	0,285	0,003	0,006	0,173	FALSE
-0,097	0,276	-0,004	0,011	0,145	FALSE
-0,150	0,283	-0,003	0,007	0,188	FALSE
0,070	0,287	0,002	0,011	0,065	FALSE
-0,023	0,294	0,001	0,007	0,047	FALSE
0,027	0,298	-0,001	0,011	0,021	FALSE
-0,134	0,290	-0,004	0,009	0,177	FALSE
-0,082	0,291	-0,004	0,012	0,128	FALSE
-0,069	0,293	-0,003	0,010	0,098	FALSE
-0,087	0,290	-0,001	0,010	0,045	FALSE
-0,120	0,284	-0,005	0,008	0,242	FALSE
0,023	0,287	0,001	0,009	0,043	FALSE
-0,090	0,288	-0,002	0,007	0,104	FALSE
-0,093	0,300	-0,004	0,012	0,129	FALSE
-0,028	0,299	-0,001	0,012	0,045	FALSE
-0,035	0,287	0,000	0,008	0,018	FALSE
-0,071	0,291	-0,002	0,011	0,068	FALSE
0,007	0,287	0,000	0,007	0,013	FALSE
0,016	0,306	0,001	0,007	0,036	FALSE
0,032	0,276	0,000	0,009	0,013	FALSE
0,052	0,301	0,002	0,013	0,051	FALSE
0,022	0,298	0,000	0,008	0,021	FALSE
0,014	0,283	0,003	0,013	0,081	FALSE
-0,014	0,283	-0,001	0,011	0,043	FALSE
-0,025	0,291	-0,002	0,012	0,054	FALSE
0,059	0,297	0,002	0,012	0,061	FALSE
-0,082	0,288	-0,001	0,009	0,054	FALSE
-0,037	0,295	-0,002	0,011	0,081	FALSE
-0,079	0,290	-0,002	0,011	0,070	FALSE
-0,006	0,295	-0,001	0,007	0,039	FALSE
0,078	0,302	0,000	0,009	0,019	FALSE
-0,010	0,288	-0,001	0,007	0,056	FALSE
-0,044	0,298	0,000	0,007	0,018	FALSE
0,057	0,284	0,002	0,010	0,078	FALSE

0,138	0,296	0,005	0,012	0,177	FALSE
0,089	0,294	0,002	0,012	0,072	FALSE
0,087	0,280	0,003	0,011	0,085	FALSE
0,087	0,288	0,003	0,011	0,105	FALSE
0,093	0,283	0,002	0,006	0,113	FALSE
0,067	0,292	0,001	0,012	0,044	FALSE
0,062	0,302	0,002	0,008	0,112	FALSE
0,080	0,285	0,001	0,011	0,047	FALSE
0,116	0,291	0,004	0,007	0,220	FALSE
0,033	0,296	0,002	0,013	0,046	FALSE
-0,021	0,284	-0,003	0,011	0,099	FALSE
-0,008	0,296	0,000	0,008	0,023	FALSE
0,105	0,303	0,002	0,008	0,109	FALSE
-0,094	0,280	-0,002	0,012	0,078	FALSE
0,023	0,299	0,001	0,010	0,039	FALSE
0,223	0,293	0,006	0,009	0,290	FALSE
0,116	0,283	0,003	0,010	0,131	FALSE
0,125	0,297	0,004	0,013	0,101	FALSE
0,097	0,277	0,003	0,012	0,089	FALSE
0,141	0,277	0,003	0,010	0,139	FALSE
-0,159	0,303	-0,004	0,009	0,174	FALSE
0,012	0,281	-0,002	0,013	0,042	FALSE
-0,057	0,294	-0,001	0,006	0,068	FALSE
0,043	0,280	0,002	0,010	0,059	FALSE
-0,032	0,288	-0,001	0,007	0,060	FALSE
0,050	0,285	0,002	0,010	0,082	FALSE
0,029	0,294	0,000	0,012	0,002	FALSE
0,024	0,288	0,000	0,012	0,010	FALSE
0,043	0,287	0,000	0,012	0,007	FALSE
0,007	0,294	-0,001	0,012	0,025	FALSE
-0,052	0,302	-0,003	0,012	0,088	FALSE
0,129	0,288	0,006	0,012	0,215	FALSE
-0,237	0,273	-0,008	0,012	0,311	FALSE
-0,024	0,276	-0,001	0,007	0,029	FALSE
0,024	0,297	-0,001	0,012	0,018	FALSE
0,028	0,298	0,000	0,012	0,003	FALSE
0,091	0,273	0,002	0,006	0,111	FALSE
0,113	0,287	0,002	0,008	0,130	FALSE
0,143	0,283	0,008	0,012	0,269	FALSE
-0,126	0,278	-0,003	0,010	0,134	FALSE
-0,029	0,301	-0,001	0,009	0,022	FALSE
0,009	0,289	0,000	0,008	0,001	FALSE
0,069	0,301	0,001	0,009	0,026	FALSE
0,012	0,290	0,000	0,007	0,010	FALSE
-0,140	0,288	-0,004	0,007	0,242	FALSE
0,037	0,289	0,001	0,008	0,025	FALSE
0,022	0,287	0,004	0,013	0,105	FALSE
-0,101	0,285	-0,002	0,006	0,135	FALSE
0,111	0,296	0,004	0,012	0,139	FALSE
0,107	0,302	0,003	0,009	0,133	FALSE
0,089	0,277	0,003	0,008	0,129	FALSE
-0,008	0,302	-0,002	0,011	0,071	FALSE
0,000	0,302	0,000	0,012	0,001	FALSE

0,052	0,305	0,003	0,013	0,094	FALSE
-0,007	0,298	-0,001	0,010	0,027	FALSE
0,032	0,292	0,002	0,013	0,052	FALSE
-0,182	0,280	-0,007	0,012	0,229	FALSE
-0,017	0,293	0,000	0,012	0,014	FALSE
-0,015	0,303	-0,001	0,012	0,014	FALSE
0,073	0,317	0,002	0,010	0,090	FALSE
-0,046	0,299	-0,001	0,013	0,020	FALSE
-0,028	0,298	0,000	0,013	0,010	FALSE
-0,065	0,297	-0,001	0,013	0,040	FALSE
0,006	0,267	-0,001	0,008	0,025	FALSE
0,041	0,288	0,003	0,013	0,096	FALSE
0,049	0,276	0,001	0,010	0,038	FALSE
-0,020	0,286	-0,002	0,013	0,067	FALSE
-0,035	0,282	0,001	0,007	0,037	FALSE
-0,191	0,272	-0,007	0,009	0,340	FALSE
0,041	0,274	0,002	0,011	0,080	FALSE
0,049	0,290	0,003	0,011	0,108	FALSE
-0,075	0,286	-0,002	0,010	0,088	FALSE
0,144	0,293	0,004	0,008	0,186	FALSE
0,062	0,295	0,003	0,009	0,134	FALSE
0,047	0,283	0,002	0,009	0,067	FALSE
0,012	0,290	0,000	0,013	0,005	FALSE
-0,086	0,290	-0,002	0,007	0,086	FALSE
-0,081	0,301	-0,002	0,008	0,083	FALSE
-0,016	0,300	-0,001	0,013	0,028	FALSE
0,030	0,294	0,000	0,009	0,011	FALSE
0,000	0,311	0,001	0,014	0,017	FALSE
0,048	0,272	0,000	0,007	0,021	FALSE
0,043	0,290	0,001	0,007	0,067	FALSE
0,029	0,303	0,001	0,008	0,071	FALSE
-0,014	0,300	-0,001	0,007	0,063	FALSE
-0,141	0,298	-0,006	0,012	0,186	FALSE
0,058	0,279	0,000	0,007	0,002	FALSE
-0,020	0,282	0,000	0,008	0,007	FALSE
0,048	0,286	0,003	0,009	0,123	FALSE
-0,032	0,291	-0,002	0,010	0,065	FALSE
0,035	0,306	0,001	0,011	0,041	FALSE
-0,187	0,283	-0,008	0,011	0,320	FALSE
0,036	0,277	0,001	0,011	0,025	FALSE
-0,037	0,291	-0,001	0,007	0,065	FALSE
0,104	0,286	0,004	0,013	0,118	FALSE
0,058	0,287	0,002	0,007	0,127	FALSE
-0,012	0,286	0,000	0,007	0,014	FALSE
0,012	0,295	0,001	0,013	0,039	FALSE
-0,061	0,283	-0,005	0,012	0,163	FALSE
-0,085	0,278	-0,002	0,011	0,058	FALSE
0,082	0,291	0,002	0,007	0,091	FALSE
0,026	0,294	0,001	0,009	0,022	FALSE
0,022	0,275	0,001	0,011	0,036	FALSE
-0,016	0,294	-0,001	0,008	0,045	FALSE
0,026	0,299	0,001	0,012	0,036	FALSE
0,017	0,294	0,001	0,011	0,023	FALSE

0,021	0,289	0,001	0,011	0,039	FALSE
-0,022	0,294	0,000	0,007	0,002	FALSE
0,107	0,297	0,003	0,009	0,117	FALSE
-0,103	0,288	-0,003	0,008	0,134	FALSE
-0,005	0,310	-0,002	0,012	0,051	FALSE
0,052	0,291	0,001	0,012	0,030	FALSE
0,032	0,301	0,000	0,013	0,013	FALSE
0,041	0,293	0,002	0,013	0,050	FALSE
0,163	0,303	0,003	0,006	0,177	FALSE
-0,047	0,299	0,000	0,013	0,003	FALSE
-0,023	0,293	-0,001	0,008	0,050	FALSE
0,152	0,284	0,005	0,009	0,225	FALSE
0,181	0,295	0,005	0,011	0,192	FALSE
-0,132	0,286	-0,004	0,008	0,231	FALSE
0,079	0,285	0,004	0,012	0,135	FALSE
0,023	0,293	0,001	0,012	0,035	FALSE
0,056	0,303	0,003	0,013	0,087	FALSE
-0,191	0,292	-0,007	0,011	0,253	FALSE
0,130	0,296	0,004	0,013	0,130	FALSE
0,117	0,292	0,001	0,007	0,073	FALSE
0,136	0,299	0,004	0,010	0,147	FALSE
0,120	0,294	0,004	0,010	0,157	FALSE
-0,168	0,286	-0,006	0,012	0,227	FALSE
0,185	0,283	0,004	0,008	0,228	FALSE
0,188	0,288	0,005	0,008	0,262	FALSE
0,049	0,293	0,002	0,012	0,059	FALSE
-0,015	0,290	0,002	0,010	0,076	FALSE
0,005	0,288	0,001	0,007	0,053	FALSE
-0,034	0,306	-0,001	0,008	0,062	FALSE
0,031	0,299	0,001	0,008	0,045	FALSE
0,006	0,294	-0,001	0,008	0,022	FALSE
-0,006	0,282	0,001	0,010	0,026	FALSE
0,004	0,288	0,004	0,013	0,115	FALSE
0,002	0,275	0,003	0,012	0,109	FALSE
0,177	0,278	0,004	0,012	0,129	FALSE
-0,071	0,295	-0,003	0,012	0,110	FALSE
-0,049	0,297	-0,001	0,008	0,037	FALSE
0,034	0,293	0,000	0,013	0,011	FALSE
0,137	0,292	0,006	0,013	0,188	FALSE
0,061	0,291	0,001	0,009	0,038	FALSE
-0,024	0,284	-0,001	0,007	0,052	FALSE
-0,056	0,274	-0,002	0,006	0,116	FALSE
-0,051	0,295	-0,003	0,011	0,098	FALSE
-0,099	0,280	-0,003	0,008	0,136	FALSE
-0,072	0,290	-0,001	0,008	0,051	FALSE
0,070	0,288	0,001	0,009	0,044	FALSE
-0,085	0,276	-0,001	0,007	0,075	FALSE
-0,077	0,290	-0,001	0,008	0,066	FALSE
-0,033	0,274	-0,003	0,011	0,090	FALSE
0,052	0,293	0,002	0,010	0,058	FALSE
-0,080	0,293	-0,001	0,007	0,067	FALSE
-0,085	0,280	-0,002	0,009	0,085	FALSE
0,011	0,285	0,001	0,008	0,057	FALSE

-0,025	0,274	0,000	0,010	0,009	FALSE
-0,012	0,297	0,000	0,007	0,006	FALSE
0,022	0,301	0,000	0,011	0,011	FALSE
0,003	0,286	0,001	0,008	0,032	FALSE
-0,033	0,291	0,000	0,012	0,012	FALSE
-0,030	0,283	-0,001	0,011	0,017	FALSE
-0,041	0,279	-0,001	0,010	0,029	FALSE
0,022	0,289	0,001	0,010	0,023	FALSE
0,044	0,281	0,001	0,006	0,049	FALSE
0,011	0,292	0,000	0,010	0,016	FALSE
-0,051	0,295	-0,002	0,008	0,080	FALSE
-0,030	0,291	-0,002	0,008	0,086	FALSE
-0,005	0,280	0,000	0,011	0,003	FALSE
-0,072	0,287	-0,003	0,012	0,080	FALSE
0,065	0,289	0,002	0,007	0,099	FALSE
0,043	0,301	0,000	0,012	0,013	FALSE
0,036	0,289	0,000	0,011	0,004	FALSE
-0,009	0,289	0,000	0,013	0,006	FALSE
0,048	0,301	0,000	0,012	0,014	FALSE
-0,160	0,273	-0,004	0,012	0,139	FALSE
-0,168	0,277	-0,005	0,013	0,145	FALSE
-0,107	0,269	-0,001	0,013	0,032	FALSE
-0,044	0,300	-0,001	0,013	0,036	FALSE
0,027	0,283	-0,001	0,011	0,047	FALSE
-0,158	0,265	-0,004	0,009	0,183	FALSE
0,127	0,283	0,002	0,006	0,161	FALSE
0,149	0,293	0,005	0,011	0,201	FALSE
0,125	0,285	0,005	0,010	0,184	FALSE
0,149	0,288	0,005	0,010	0,211	FALSE
0,084	0,296	0,001	0,009	0,046	FALSE
0,128	0,295	0,004	0,012	0,139	FALSE
-0,182	0,287	-0,005	0,008	0,238	FALSE
-0,031	0,295	-0,001	0,012	0,035	FALSE
-0,090	0,291	-0,003	0,007	0,168	FALSE
-0,095	0,302	-0,003	0,007	0,168	FALSE
0,047	0,277	0,002	0,013	0,062	FALSE
0,005	0,278	0,000	0,013	0,013	FALSE
0,009	0,288	0,001	0,013	0,035	FALSE
-0,023	0,284	0,001	0,006	0,030	FALSE
-0,057	0,296	-0,002	0,007	0,119	FALSE
0,081	0,294	0,001	0,012	0,043	FALSE
0,044	0,292	0,000	0,008	0,012	FALSE
-0,056	0,299	-0,003	0,008	0,116	FALSE
-0,061	0,281	-0,003	0,008	0,140	FALSE
-0,032	0,293	-0,003	0,012	0,097	FALSE
0,021	0,293	0,000	0,009	0,007	FALSE
-0,042	0,277	-0,001	0,010	0,033	FALSE
0,062	0,278	0,006	0,013	0,193	FALSE
0,191	0,286	0,004	0,008	0,202	FALSE
-0,074	0,299	-0,001	0,007	0,059	FALSE
-0,080	0,281	-0,001	0,007	0,084	FALSE
0,091	0,282	0,002	0,006	0,161	FALSE
-0,026	0,299	0,000	0,008	0,019	FALSE

-0,027	0,286	0,001	0,010	0,030	FALSE
0,083	0,287	0,002	0,006	0,118	FALSE
-0,023	0,284	-0,001	0,008	0,043	FALSE
-0,055	0,302	-0,002	0,007	0,088	FALSE
-0,108	0,273	-0,003	0,011	0,109	FALSE
-0,006	0,294	-0,001	0,007	0,029	FALSE
-0,055	0,301	-0,002	0,013	0,058	FALSE
-0,042	0,291	-0,002	0,011	0,067	FALSE
-0,021	0,302	-0,001	0,012	0,042	FALSE
-0,018	0,295	-0,001	0,007	0,068	FALSE
0,062	0,286	0,004	0,009	0,174	FALSE
0,195	0,286	0,007	0,010	0,329	FALSE
-0,196	0,284	-0,007	0,013	0,226	FALSE
0,172	0,295	0,007	0,011	0,309	FALSE
0,064	0,292	0,002	0,007	0,083	FALSE
0,081	0,287	0,002	0,008	0,084	FALSE
0,061	0,290	0,003	0,010	0,100	FALSE
0,036	0,294	0,002	0,009	0,065	FALSE
-0,162	0,288	-0,004	0,008	0,222	FALSE
0,047	0,290	0,000	0,007	0,023	FALSE
-0,167	0,282	-0,004	0,007	0,241	FALSE
-0,157	0,285	-0,006	0,013	0,194	FALSE
-0,020	0,280	-0,001	0,010	0,019	FALSE
-0,002	0,289	-0,001	0,013	0,029	FALSE
-0,005	0,297	-0,001	0,012	0,020	FALSE
0,036	0,296	0,002	0,008	0,113	FALSE
-0,048	0,294	0,000	0,007	0,001	FALSE
-0,073	0,286	-0,003	0,011	0,095	FALSE
0,040	0,282	0,000	0,009	0,006	FALSE
0,074	0,276	0,002	0,007	0,085	FALSE
0,031	0,276	-0,001	0,007	0,042	FALSE
-0,031	0,295	-0,001	0,007	0,063	FALSE
-0,103	0,290	-0,005	0,012	0,178	FALSE
-0,041	0,300	-0,002	0,007	0,098	FALSE
-0,036	0,294	0,000	0,007	0,021	FALSE
-0,075	0,283	-0,005	0,011	0,187	FALSE
0,073	0,287	0,001	0,009	0,044	FALSE
-0,005	0,304	-0,001	0,010	0,034	FALSE
-0,025	0,293	-0,002	0,007	0,093	FALSE
-0,122	0,284	-0,003	0,007	0,197	FALSE
-0,187	0,273	-0,005	0,009	0,264	FALSE
0,051	0,300	0,001	0,012	0,022	FALSE
0,123	0,292	0,003	0,007	0,183	FALSE
0,094	0,285	0,003	0,007	0,149	FALSE
0,030	0,290	0,002	0,012	0,053	FALSE
-0,017	0,290	-0,002	0,008	0,094	FALSE
-0,088	0,279	-0,004	0,012	0,135	FALSE
0,088	0,290	0,004	0,012	0,120	FALSE
0,075	0,293	0,000	0,008	0,020	FALSE
-0,099	0,290	-0,003	0,008	0,137	FALSE
-0,097	0,299	-0,003	0,008	0,117	FALSE
-0,056	0,304	-0,002	0,008	0,088	FALSE
-0,076	0,300	-0,002	0,009	0,107	FALSE

-0,031	0,286	-0,001	0,009	0,039	FALSE
-0,042	0,292	-0,002	0,013	0,063	FALSE
-0,087	0,296	-0,004	0,012	0,138	FALSE
0,081	0,299	0,002	0,011	0,060	FALSE
-0,141	0,292	-0,004	0,010	0,187	FALSE
-0,100	0,289	-0,002	0,009	0,089	FALSE
0,011	0,291	0,001	0,011	0,043	FALSE
0,084	0,287	0,004	0,012	0,131	FALSE
0,025	0,302	0,000	0,008	0,006	FALSE
-0,129	0,287	-0,004	0,008	0,186	FALSE
-0,113	0,279	-0,005	0,011	0,206	FALSE
0,052	0,293	0,001	0,008	0,068	FALSE
0,012	0,303	0,001	0,009	0,030	FALSE
0,077	0,291	0,000	0,006	0,006	FALSE
0,144	0,271	0,003	0,006	0,192	FALSE
-0,054	0,286	-0,003	0,010	0,105	FALSE
0,024	0,293	0,000	0,006	0,002	FALSE
-0,037	0,293	-0,001	0,013	0,031	FALSE
0,023	0,278	0,000	0,012	0,004	FALSE
0,029	0,289	0,003	0,013	0,085	FALSE
0,068	0,297	0,004	0,013	0,129	FALSE
-0,035	0,287	0,000	0,013	0,004	FALSE
-0,174	0,273	-0,004	0,008	0,236	FALSE
0,051	0,295	0,003	0,012	0,106	FALSE
0,136	0,280	0,004	0,006	0,260	FALSE
0,088	0,296	0,002	0,008	0,076	FALSE
-0,054	0,294	-0,002	0,011	0,076	FALSE
-0,086	0,292	-0,001	0,007	0,067	FALSE
0,045	0,299	0,002	0,010	0,062	FALSE
-0,018	0,289	-0,001	0,007	0,059	FALSE
-0,014	0,299	0,000	0,012	0,009	FALSE
-0,004	0,290	-0,001	0,009	0,057	FALSE
-0,018	0,276	-0,002	0,009	0,064	FALSE
0,059	0,293	0,001	0,011	0,047	FALSE
-0,076	0,289	-0,003	0,012	0,089	FALSE
0,228	0,269	0,007	0,008	0,363	FALSE
-0,112	0,293	-0,003	0,009	0,143	FALSE
-0,065	0,301	0,000	0,012	0,006	FALSE
-0,092	0,295	-0,001	0,012	0,017	FALSE
-0,123	0,282	-0,001	0,011	0,051	FALSE
-0,115	0,273	-0,001	0,011	0,044	FALSE
-0,095	0,305	-0,001	0,010	0,045	FALSE
-0,094	0,291	-0,001	0,010	0,047	FALSE
0,024	0,296	0,001	0,007	0,031	FALSE
-0,091	0,283	-0,001	0,010	0,048	FALSE
-0,096	0,286	-0,001	0,010	0,050	FALSE
0,037	0,297	0,000	0,007	0,018	FALSE
-0,041	0,285	-0,002	0,007	0,103	FALSE
0,068	0,284	0,003	0,009	0,114	FALSE
0,144	0,290	0,003	0,006	0,177	FALSE
-0,087	0,289	-0,002	0,007	0,107	FALSE
0,106	0,291	0,004	0,011	0,124	FALSE
0,219	0,289	0,005	0,007	0,289	FALSE

-0,017	0,279	0,000	0,012	0,012	FALSE
-0,040	0,299	0,000	0,013	0,003	FALSE
0,071	0,286	0,003	0,011	0,088	FALSE
-0,004	0,288	0,001	0,008	0,029	FALSE
-0,003	0,296	0,001	0,013	0,030	FALSE
0,120	0,280	0,003	0,008	0,130	FALSE
0,044	0,296	0,001	0,011	0,044	FALSE
0,025	0,292	0,001	0,013	0,020	FALSE
-0,037	0,291	-0,001	0,010	0,029	FALSE
0,014	0,298	-0,001	0,011	0,044	FALSE
-0,077	0,281	-0,007	0,013	0,208	FALSE
-0,063	0,289	-0,004	0,010	0,149	FALSE
-0,214	0,271	-0,006	0,008	0,331	FALSE
-0,162	0,282	-0,006	0,013	0,201	FALSE
0,122	0,296	0,002	0,007	0,111	FALSE
-0,053	0,294	-0,002	0,007	0,088	FALSE
-0,169	0,278	-0,006	0,012	0,216	FALSE
-0,081	0,288	-0,002	0,009	0,080	FALSE
-0,116	0,282	-0,004	0,010	0,147	FALSE
-0,074	0,290	-0,004	0,010	0,167	FALSE
-0,056	0,297	-0,002	0,007	0,111	FALSE
-0,038	0,284	-0,001	0,009	0,028	FALSE
-0,052	0,273	-0,001	0,009	0,041	FALSE
-0,020	0,281	0,000	0,009	0,004	FALSE
-0,026	0,298	0,000	0,013	0,001	FALSE
-0,007	0,293	0,000	0,013	0,009	FALSE
-0,214	0,270	-0,006	0,008	0,375	FALSE
0,002	0,297	0,000	0,008	0,000	FALSE
0,031	0,287	0,002	0,008	0,069	FALSE
0,083	0,283	0,001	0,009	0,061	FALSE
0,094	0,296	0,002	0,009	0,085	FALSE
0,095	0,288	0,002	0,010	0,093	FALSE
0,108	0,279	0,003	0,009	0,117	FALSE
-0,012	0,296	0,000	0,012	0,014	FALSE
-0,127	0,285	-0,004	0,010	0,159	FALSE
0,152	0,279	0,005	0,008	0,305	FALSE
-0,083	0,275	-0,002	0,008	0,118	FALSE
-0,051	0,302	-0,002	0,009	0,071	FALSE
-0,051	0,281	-0,002	0,011	0,060	FALSE
0,051	0,278	0,002	0,010	0,068	FALSE
-0,101	0,296	-0,004	0,011	0,130	FALSE
-0,063	0,292	-0,004	0,012	0,124	FALSE
-0,007	0,282	-0,001	0,007	0,041	FALSE
0,013	0,291	0,000	0,010	0,011	FALSE
-0,030	0,286	-0,003	0,010	0,111	FALSE
-0,053	0,288	-0,001	0,008	0,066	FALSE
0,042	0,290	0,002	0,008	0,078	FALSE
0,058	0,283	0,002	0,011	0,058	FALSE
-0,023	0,274	-0,001	0,012	0,040	FALSE
-0,100	0,285	-0,004	0,013	0,116	FALSE
0,118	0,283	0,005	0,012	0,169	FALSE
-0,036	0,286	-0,001	0,007	0,058	FALSE
0,102	0,286	0,004	0,013	0,139	FALSE

0,032	0,290	0,003	0,011	0,090	FALSE
0,173	0,276	0,006	0,011	0,243	FALSE
-0,136	0,272	-0,004	0,009	0,210	FALSE
-0,050	0,291	-0,002	0,011	0,077	FALSE
-0,021	0,294	0,000	0,008	0,020	FALSE
0,012	0,297	0,000	0,010	0,009	FALSE
0,064	0,291	0,001	0,010	0,040	FALSE
-0,221	0,282	-0,007	0,011	0,290	FALSE
-0,049	0,296	-0,001	0,010	0,034	FALSE
-0,002	0,282	0,001	0,007	0,046	FALSE
-0,039	0,273	0,000	0,007	0,022	FALSE
0,031	0,299	0,000	0,011	0,004	FALSE
-0,081	0,285	-0,001	0,007	0,046	FALSE
-0,024	0,274	0,000	0,006	0,005	FALSE
-0,166	0,278	-0,005	0,013	0,148	FALSE
-0,134	0,286	-0,002	0,007	0,121	FALSE
0,160	0,287	0,004	0,010	0,157	FALSE
0,198	0,281	0,006	0,010	0,229	FALSE
-0,108	0,303	-0,002	0,009	0,087	FALSE
0,164	0,280	0,004	0,010	0,179	FALSE
0,011	0,293	0,000	0,008	0,008	FALSE
-0,017	0,295	-0,001	0,008	0,043	FALSE
-0,014	0,294	-0,001	0,013	0,016	FALSE
-0,076	0,283	-0,003	0,013	0,087	FALSE
-0,120	0,301	-0,002	0,008	0,106	FALSE
-0,007	0,301	0,001	0,011	0,039	FALSE
-0,120	0,291	-0,002	0,008	0,120	FALSE
-0,085	0,285	-0,001	0,009	0,055	FALSE
-0,001	0,300	0,000	0,013	0,007	FALSE
0,042	0,287	0,001	0,009	0,043	FALSE
0,010	0,291	0,000	0,012	0,004	FALSE
0,205	0,292	0,008	0,013	0,275	FALSE
-0,129	0,278	-0,005	0,012	0,154	FALSE
-0,029	0,281	0,001	0,006	0,033	FALSE
-0,144	0,285	-0,003	0,014	0,074	FALSE
0,032	0,282	-0,001	0,008	0,032	FALSE
-0,070	0,293	-0,001	0,007	0,058	FALSE
0,026	0,288	0,002	0,012	0,044	FALSE
0,162	0,287	0,005	0,011	0,177	FALSE
0,120	0,298	0,004	0,011	0,149	FALSE
0,049	0,282	0,001	0,012	0,019	FALSE
-0,047	0,277	0,000	0,008	0,014	FALSE
0,058	0,279	0,003	0,008	0,142	FALSE
0,057	0,282	0,003	0,009	0,130	FALSE
-0,059	0,291	0,000	0,012	0,011	FALSE
0,119	0,268	0,008	0,013	0,296	FALSE
0,062	0,293	0,001	0,008	0,037	FALSE
0,056	0,295	0,002	0,008	0,071	FALSE
0,041	0,284	0,002	0,011	0,063	FALSE
0,025	0,290	0,000	0,012	0,013	FALSE
-0,008	0,296	-0,001	0,009	0,030	FALSE
-0,023	0,293	-0,001	0,008	0,040	FALSE
0,121	0,285	0,003	0,010	0,107	FALSE

-0,004	0,292	-0,001	0,013	0,034	FALSE
0,020	0,291	0,002	0,008	0,086	FALSE
0,003	0,298	-0,002	0,012	0,066	FALSE
-0,063	0,268	-0,001	0,011	0,045	FALSE
-0,080	0,280	-0,001	0,006	0,088	FALSE
0,042	0,294	0,001	0,009	0,027	FALSE
-0,038	0,284	0,000	0,007	0,012	FALSE
-0,049	0,287	-0,001	0,012	0,020	FALSE
0,053	0,282	0,002	0,008	0,078	FALSE
0,110	0,294	0,003	0,008	0,168	FALSE
-0,019	0,298	0,000	0,009	0,002	FALSE
-0,004	0,292	0,000	0,011	0,014	FALSE
-0,082	0,290	-0,002	0,007	0,080	FALSE
0,115	0,292	0,003	0,008	0,158	FALSE
-0,003	0,288	0,000	0,008	0,018	FALSE
-0,010	0,288	0,000	0,009	0,008	FALSE
-0,154	0,291	-0,006	0,013	0,204	FALSE
-0,089	0,280	-0,001	0,007	0,057	FALSE
0,016	0,290	-0,002	0,011	0,051	FALSE
0,116	0,288	0,002	0,007	0,094	FALSE
-0,019	0,277	0,000	0,011	0,004	FALSE
0,072	0,299	0,001	0,007	0,078	FALSE
-0,043	0,286	0,000	0,007	0,008	FALSE
-0,048	0,290	0,000	0,009	0,010	FALSE
-0,175	0,293	-0,004	0,006	0,254	FALSE
-0,031	0,284	-0,001	0,007	0,063	FALSE
0,044	0,292	0,000	0,009	0,018	FALSE
0,053	0,286	0,002	0,013	0,061	FALSE
-0,071	0,276	-0,003	0,010	0,106	FALSE
-0,092	0,290	-0,003	0,012	0,084	FALSE
-0,105	0,296	-0,004	0,012	0,123	FALSE
0,065	0,293	0,002	0,008	0,100	FALSE
-0,031	0,296	0,001	0,010	0,030	FALSE
-0,062	0,298	0,000	0,010	0,016	FALSE
-0,135	0,297	-0,003	0,007	0,192	FALSE
0,023	0,306	-0,001	0,009	0,031	FALSE
0,135	0,274	0,002	0,006	0,181	FALSE
0,217	0,289	0,004	0,007	0,277	FALSE
0,111	0,276	0,003	0,006	0,166	FALSE
-0,035	0,292	-0,002	0,010	0,067	FALSE
-0,048	0,293	-0,002	0,007	0,087	FALSE
-0,113	0,288	-0,004	0,011	0,171	FALSE
0,020	0,303	0,000	0,012	0,004	FALSE
0,023	0,295	0,000	0,008	0,006	FALSE
-0,180	0,290	-0,004	0,008	0,235	FALSE
0,132	0,278	0,004	0,011	0,164	FALSE
0,113	0,272	0,003	0,011	0,121	FALSE
-0,160	0,287	-0,003	0,008	0,138	FALSE
0,000	0,296	-0,001	0,012	0,018	FALSE
-0,023	0,297	-0,003	0,012	0,083	FALSE
-0,078	0,289	-0,003	0,008	0,138	FALSE
0,040	0,298	0,001	0,013	0,020	FALSE
-0,125	0,306	-0,004	0,009	0,176	FALSE

-0,016	0,305	0,000	0,008	0,019	FALSE
0,008	0,286	0,000	0,012	0,003	FALSE
-0,012	0,289	-0,001	0,009	0,060	FALSE
-0,048	0,293	-0,002	0,012	0,067	FALSE
-0,029	0,291	0,000	0,013	0,008	FALSE
0,051	0,283	0,002	0,010	0,073	FALSE
0,023	0,284	-0,002	0,011	0,056	FALSE
-0,020	0,281	0,000	0,013	0,007	FALSE
-0,006	0,299	0,000	0,014	0,012	FALSE
-0,014	0,297	0,000	0,013	0,005	FALSE
-0,005	0,282	0,001	0,010	0,032	FALSE
-0,073	0,297	-0,003	0,013	0,074	FALSE
-0,078	0,291	-0,002	0,013	0,065	FALSE
-0,051	0,295	-0,001	0,008	0,064	FALSE
0,097	0,276	0,002	0,013	0,063	FALSE
0,101	0,286	0,003	0,009	0,114	FALSE
-0,104	0,299	-0,005	0,013	0,148	FALSE
0,154	0,285	0,003	0,006	0,176	FALSE
0,077	0,283	0,000	0,006	0,010	FALSE
0,007	0,289	0,000	0,010	0,011	FALSE
0,054	0,292	0,000	0,011	0,014	FALSE
-0,058	0,274	-0,002	0,008	0,091	FALSE
0,067	0,279	0,003	0,011	0,122	FALSE
0,043	0,283	-0,001	0,010	0,025	FALSE
0,116	0,282	0,002	0,008	0,118	FALSE
0,016	0,300	-0,001	0,011	0,038	FALSE
-0,083	0,278	-0,003	0,013	0,083	FALSE
0,083	0,280	0,004	0,010	0,153	FALSE
0,064	0,297	0,004	0,011	0,134	FALSE
0,078	0,288	0,004	0,010	0,162	FALSE
-0,012	0,281	-0,001	0,008	0,064	FALSE
0,032	0,297	0,001	0,008	0,070	FALSE
0,003	0,290	0,000	0,007	0,012	FALSE
-0,063	0,280	-0,005	0,012	0,163	FALSE
0,003	0,280	0,001	0,006	0,061	FALSE
0,076	0,304	0,005	0,013	0,161	FALSE
0,157	0,290	0,009	0,013	0,302	FALSE
0,099	0,293	0,003	0,013	0,105	FALSE
-0,067	0,292	-0,004	0,011	0,163	FALSE
0,091	0,288	0,001	0,007	0,065	FALSE
0,033	0,278	0,001	0,009	0,045	FALSE
0,024	0,299	0,002	0,008	0,090	FALSE
0,121	0,291	0,004	0,009	0,207	FALSE
-0,074	0,283	-0,001	0,012	0,043	FALSE
-0,135	0,277	-0,002	0,006	0,101	FALSE
0,041	0,285	0,001	0,013	0,029	FALSE
-0,033	0,302	-0,002	0,012	0,048	FALSE
0,033	0,286	0,002	0,013	0,064	FALSE
0,086	0,284	0,004	0,011	0,135	FALSE
-0,075	0,298	-0,002	0,008	0,128	FALSE
-0,043	0,293	-0,002	0,008	0,091	FALSE
0,069	0,277	0,001	0,009	0,058	FALSE
0,200	0,290	0,004	0,006	0,309	FALSE

0,175	0,298	0,004	0,007	0,265	FALSE
0,098	0,301	0,002	0,007	0,096	FALSE
0,001	0,284	0,000	0,012	0,012	FALSE
0,001	0,294	-0,001	0,012	0,015	FALSE
0,012	0,298	0,000	0,012	0,008	FALSE
0,038	0,282	0,001	0,012	0,018	FALSE
0,068	0,281	0,000	0,011	0,015	FALSE
-0,026	0,285	0,000	0,006	0,010	FALSE
-0,055	0,296	-0,001	0,013	0,028	FALSE
0,025	0,287	0,001	0,012	0,041	FALSE
-0,005	0,281	-0,001	0,012	0,028	FALSE
0,067	0,275	0,002	0,007	0,109	FALSE
0,074	0,300	0,002	0,007	0,080	FALSE
0,026	0,293	0,001	0,007	0,028	FALSE
-0,228	0,293	-0,006	0,008	0,334	FALSE
-0,137	0,285	-0,005	0,012	0,156	FALSE
0,086	0,296	0,002	0,009	0,099	FALSE
-0,134	0,279	-0,005	0,013	0,150	FALSE
0,021	0,299	0,000	0,007	0,017	FALSE
-0,009	0,291	0,000	0,013	0,003	FALSE
0,068	0,291	0,001	0,008	0,069	FALSE
-0,087	0,291	-0,003	0,011	0,100	FALSE
-0,004	0,299	0,000	0,007	0,002	FALSE
-0,128	0,268	-0,002	0,007	0,138	FALSE
0,035	0,290	0,000	0,008	0,007	FALSE
-0,132	0,278	-0,002	0,007	0,125	FALSE
-0,002	0,280	0,000	0,012	0,011	FALSE
0,083	0,308	0,002	0,007	0,101	FALSE
0,006	0,290	-0,001	0,007	0,032	FALSE
0,043	0,289	0,001	0,006	0,048	FALSE
0,007	0,293	0,001	0,013	0,024	FALSE
-0,169	0,286	-0,004	0,007	0,244	FALSE
-0,148	0,283	-0,004	0,007	0,243	FALSE
-0,177	0,293	-0,004	0,007	0,245	FALSE
-0,172	0,293	-0,004	0,007	0,256	FALSE
0,142	0,276	0,006	0,011	0,244	FALSE
0,042	0,285	0,001	0,009	0,060	FALSE
-0,126	0,291	-0,003	0,007	0,170	FALSE
0,130	0,289	0,004	0,008	0,186	FALSE
-0,048	0,297	-0,002	0,009	0,067	FALSE
0,012	0,291	0,001	0,009	0,021	FALSE
0,015	0,289	0,001	0,009	0,022	FALSE
0,002	0,289	-0,001	0,010	0,047	FALSE
-0,037	0,300	-0,002	0,012	0,047	FALSE
-0,035	0,306	-0,001	0,007	0,056	FALSE
-0,008	0,285	0,000	0,006	0,024	FALSE
-0,084	0,292	-0,001	0,006	0,050	FALSE
-0,018	0,305	-0,001	0,007	0,056	FALSE
0,126	0,289	0,003	0,006	0,181	FALSE
-0,019	0,298	0,000	0,009	0,003	FALSE
-0,084	0,291	-0,002	0,008	0,095	FALSE
0,106	0,291	0,003	0,011	0,105	FALSE
-0,123	0,293	-0,004	0,014	0,111	FALSE

0,147	0,279	0,003	0,008	0,135	FALSE
-0,069	0,292	0,000	0,008	0,002	FALSE
-0,049	0,290	-0,002	0,007	0,105	FALSE
-0,009	0,303	0,000	0,010	0,013	FALSE
-0,012	0,291	-0,001	0,007	0,061	FALSE
-0,019	0,269	0,000	0,008	0,007	FALSE
-0,247	0,275	-0,006	0,007	0,387	FALSE
-0,209	0,274	-0,004	0,007	0,296	FALSE
-0,144	0,265	-0,007	0,013	0,240	FALSE
-0,026	0,311	-0,001	0,011	0,020	FALSE
-0,033	0,283	-0,003	0,010	0,132	FALSE
-0,002	0,270	-0,003	0,011	0,092	FALSE
-0,117	0,290	-0,004	0,009	0,179	FALSE
-0,011	0,288	-0,002	0,012	0,059	FALSE
-0,025	0,287	-0,002	0,011	0,071	FALSE
-0,065	0,294	-0,002	0,010	0,090	FALSE
0,125	0,283	0,007	0,013	0,244	FALSE
-0,057	0,288	-0,003	0,011	0,089	FALSE
0,050	0,286	0,001	0,013	0,028	FALSE
0,049	0,285	0,003	0,012	0,099	FALSE
0,118	0,282	0,004	0,008	0,240	FALSE
0,061	0,292	0,001	0,008	0,039	FALSE
0,039	0,305	0,001	0,010	0,025	FALSE
0,043	0,305	0,001	0,008	0,063	FALSE
0,104	0,289	0,002	0,011	0,060	FALSE
0,003	0,278	0,001	0,008	0,065	FALSE
0,017	0,297	0,000	0,007	0,004	FALSE
-0,070	0,284	-0,002	0,012	0,056	FALSE
0,069	0,277	0,003	0,013	0,084	FALSE
-0,044	0,284	-0,002	0,012	0,047	FALSE
-0,060	0,284	0,000	0,009	0,005	FALSE
-0,080	0,285	-0,003	0,006	0,165	FALSE
0,012	0,287	0,000	0,009	0,013	FALSE
0,024	0,313	0,000	0,008	0,005	FALSE
0,081	0,293	0,003	0,009	0,134	FALSE
-0,230	0,287	-0,008	0,011	0,355	FALSE
-0,075	0,312	-0,003	0,013	0,076	FALSE
-0,053	0,294	-0,002	0,006	0,140	FALSE
-0,070	0,272	-0,001	0,006	0,049	FALSE
0,063	0,293	0,002	0,011	0,055	FALSE
0,045	0,296	0,001	0,011	0,026	FALSE
0,076	0,286	0,001	0,006	0,074	FALSE
-0,098	0,284	-0,003	0,009	0,130	FALSE
-0,068	0,289	-0,001	0,007	0,061	FALSE
-0,043	0,285	-0,001	0,007	0,032	FALSE
-0,005	0,301	0,000	0,010	0,005	FALSE
-0,038	0,288	-0,002	0,008	0,121	FALSE
-0,124	0,270	-0,002	0,008	0,099	FALSE
0,004	0,287	0,001	0,011	0,023	FALSE
-0,022	0,301	0,000	0,010	0,009	FALSE
-0,038	0,295	0,000	0,008	0,013	FALSE
0,056	0,287	0,000	0,009	0,007	FALSE
0,052	0,301	0,001	0,009	0,038	FALSE

0,019	0,271	0,001	0,008	0,034	FALSE
0,117	0,298	0,004	0,008	0,208	FALSE
-0,091	0,290	-0,005	0,013	0,175	FALSE
-0,037	0,292	-0,002	0,012	0,053	FALSE
-0,064	0,301	-0,002	0,012	0,052	FALSE
-0,098	0,296	-0,003	0,012	0,110	FALSE
-0,105	0,292	-0,004	0,012	0,119	FALSE
-0,046	0,300	-0,003	0,013	0,083	FALSE
-0,075	0,290	-0,002	0,008	0,102	FALSE
0,039	0,289	-0,001	0,008	0,048	FALSE
-0,075	0,284	-0,003	0,007	0,141	FALSE
-0,012	0,282	-0,001	0,007	0,050	FALSE
0,013	0,299	0,000	0,008	0,021	FALSE
0,040	0,287	0,000	0,008	0,011	FALSE
-0,063	0,275	-0,003	0,008	0,159	FALSE
-0,085	0,291	-0,003	0,011	0,122	FALSE
0,100	0,278	0,002	0,006	0,135	FALSE
-0,133	0,276	-0,004	0,012	0,114	FALSE
0,161	0,284	0,004	0,008	0,237	FALSE
0,224	0,275	0,005	0,010	0,201	FALSE
0,207	0,278	0,005	0,010	0,185	FALSE
0,230	0,280	0,005	0,010	0,218	FALSE
-0,314	0,267	-0,013	0,012	0,568	FALSE
0,089	0,291	0,006	0,013	0,185	FALSE
0,104	0,284	0,004	0,006	0,235	FALSE
-0,059	0,298	-0,001	0,008	0,061	FALSE
0,038	0,295	0,001	0,012	0,018	FALSE
-0,017	0,286	0,000	0,012	0,002	FALSE
0,061	0,279	0,001	0,006	0,057	FALSE
0,025	0,289	0,000	0,012	0,005	FALSE
-0,145	0,290	-0,002	0,008	0,097	FALSE
0,078	0,276	0,002	0,012	0,068	FALSE
0,055	0,300	0,000	0,009	0,010	FALSE
0,048	0,276	0,002	0,013	0,056	FALSE
-0,017	0,280	-0,001	0,010	0,030	FALSE
0,030	0,292	0,002	0,013	0,042	FALSE
0,098	0,295	0,004	0,009	0,156	FALSE
-0,050	0,282	0,000	0,008	0,017	FALSE
0,033	0,293	0,001	0,010	0,027	FALSE
-0,104	0,286	-0,003	0,007	0,157	FALSE
-0,017	0,307	-0,001	0,010	0,053	FALSE
-0,008	0,302	-0,001	0,007	0,045	FALSE
0,037	0,284	0,002	0,007	0,114	FALSE
0,153	0,296	0,004	0,007	0,244	FALSE
-0,101	0,286	-0,003	0,008	0,134	FALSE
0,048	0,277	0,003	0,009	0,126	FALSE
-0,014	0,302	0,000	0,011	0,009	FALSE
0,053	0,299	0,002	0,011	0,077	FALSE
-0,013	0,280	0,001	0,011	0,038	FALSE
-0,127	0,287	-0,001	0,009	0,057	FALSE
-0,002	0,284	0,000	0,006	0,017	FALSE
-0,023	0,301	-0,003	0,012	0,081	FALSE
-0,038	0,285	0,000	0,009	0,019	FALSE

0,006	0,295	-0,001	0,009	0,055	FALSE
-0,110	0,283	-0,005	0,010	0,225	FALSE
0,066	0,290	0,002	0,012	0,079	FALSE
-0,046	0,295	-0,001	0,009	0,038	FALSE
0,014	0,283	0,002	0,012	0,052	FALSE
0,086	0,291	0,001	0,012	0,043	FALSE
0,079	0,286	0,005	0,013	0,136	FALSE
0,031	0,295	0,000	0,007	0,011	FALSE
-0,067	0,288	-0,003	0,007	0,152	FALSE
0,140	0,290	0,003	0,008	0,149	FALSE
-0,038	0,309	-0,001	0,011	0,030	FALSE
0,055	0,291	0,001	0,009	0,055	FALSE
-0,141	0,274	-0,004	0,008	0,228	FALSE
0,089	0,294	0,004	0,013	0,112	FALSE
-0,138	0,291	-0,004	0,008	0,210	FALSE
0,014	0,280	-0,001	0,007	0,046	FALSE
-0,039	0,282	-0,005	0,011	0,198	FALSE
0,013	0,280	-0,004	0,012	0,116	FALSE
0,029	0,283	0,003	0,011	0,107	FALSE
0,083	0,291	0,003	0,009	0,144	FALSE
-0,188	0,270	-0,004	0,007	0,248	FALSE
0,118	0,294	0,003	0,008	0,134	FALSE
0,023	0,300	0,001	0,008	0,038	FALSE
0,034	0,298	0,001	0,009	0,027	FALSE
0,000	0,291	0,001	0,011	0,024	FALSE
-0,078	0,293	-0,003	0,010	0,110	FALSE
-0,041	0,286	-0,002	0,010	0,081	FALSE
0,015	0,287	0,001	0,012	0,021	FALSE
0,121	0,276	0,004	0,009	0,158	FALSE
0,078	0,287	0,002	0,006	0,153	FALSE
0,040	0,301	0,001	0,010	0,022	FALSE
0,030	0,290	0,000	0,010	0,006	FALSE
0,012	0,292	0,000	0,012	0,003	FALSE
-0,067	0,284	-0,003	0,011	0,103	FALSE
0,038	0,287	0,001	0,007	0,047	FALSE
-0,040	0,290	0,000	0,010	0,007	FALSE
0,106	0,296	0,005	0,011	0,165	FALSE
0,059	0,286	0,004	0,012	0,135	FALSE
0,073	0,287	0,005	0,013	0,153	FALSE
0,081	0,282	0,005	0,012	0,185	FALSE
-0,045	0,280	0,000	0,008	0,018	FALSE
-0,093	0,284	-0,004	0,008	0,239	FALSE
0,019	0,296	0,002	0,009	0,079	FALSE
0,027	0,305	0,003	0,012	0,090	FALSE
-0,009	0,300	0,000	0,007	0,023	FALSE
-0,082	0,293	-0,003	0,013	0,096	FALSE
0,075	0,288	0,001	0,008	0,023	FALSE
-0,031	0,278	-0,001	0,011	0,036	FALSE
-0,103	0,281	-0,003	0,012	0,107	FALSE
0,246	0,281	0,008	0,011	0,313	FALSE
-0,189	0,266	-0,005	0,007	0,298	FALSE
-0,004	0,295	0,000	0,011	0,002	FALSE
-0,082	0,299	-0,001	0,007	0,075	FALSE

-0,100	0,294	-0,003	0,008	0,175	FALSE
0,068	0,286	0,003	0,009	0,142	FALSE
-0,099	0,279	-0,005	0,012	0,198	FALSE
-0,097	0,278	-0,002	0,008	0,118	FALSE
-0,069	0,291	-0,002	0,007	0,086	FALSE
-0,059	0,291	-0,001	0,008	0,047	FALSE
-0,124	0,299	-0,005	0,011	0,179	FALSE
-0,101	0,281	-0,004	0,011	0,135	FALSE
-0,167	0,284	-0,003	0,008	0,177	FALSE
0,018	0,290	0,001	0,011	0,048	FALSE
-0,066	0,289	-0,004	0,011	0,126	FALSE
-0,072	0,298	-0,004	0,011	0,143	FALSE
-0,030	0,285	0,001	0,008	0,033	FALSE
0,064	0,286	0,003	0,007	0,164	FALSE
0,002	0,296	-0,001	0,012	0,038	FALSE
-0,003	0,293	-0,002	0,012	0,055	FALSE
0,096	0,292	0,003	0,012	0,089	FALSE
0,097	0,286	0,002	0,010	0,094	FALSE
-0,016	0,294	-0,001	0,006	0,036	FALSE
0,046	0,295	0,001	0,007	0,034	FALSE
0,000	0,299	-0,001	0,012	0,022	FALSE
-0,046	0,299	-0,002	0,013	0,045	FALSE
0,030	0,299	0,003	0,012	0,086	FALSE
0,071	0,280	0,002	0,011	0,083	FALSE
0,061	0,302	0,002	0,012	0,067	FALSE
-0,071	0,285	-0,003	0,012	0,091	FALSE
-0,030	0,281	0,000	0,008	0,007	FALSE
0,079	0,270	0,004	0,012	0,126	FALSE
0,072	0,293	0,001	0,007	0,044	FALSE
-0,149	0,278	-0,007	0,013	0,239	FALSE
-0,054	0,290	-0,004	0,013	0,130	FALSE
0,007	0,297	0,000	0,008	0,010	FALSE
-0,064	0,273	0,000	0,009	0,005	FALSE
-0,081	0,294	-0,002	0,007	0,120	FALSE
0,021	0,307	0,000	0,008	0,020	FALSE
-0,047	0,291	-0,002	0,010	0,094	FALSE
-0,088	0,284	-0,002	0,011	0,078	FALSE
-0,096	0,281	-0,001	0,006	0,055	FALSE
0,062	0,294	0,003	0,009	0,114	FALSE
0,048	0,293	0,001	0,013	0,040	FALSE
0,078	0,292	0,004	0,013	0,115	FALSE
0,021	0,290	-0,001	0,007	0,026	FALSE
0,004	0,303	0,000	0,010	0,013	FALSE
-0,085	0,291	-0,001	0,007	0,068	FALSE
-0,114	0,296	-0,003	0,007	0,173	FALSE
0,037	0,299	0,001	0,013	0,023	FALSE
-0,068	0,288	-0,002	0,008	0,104	FALSE
-0,018	0,281	-0,002	0,010	0,058	FALSE
-0,041	0,286	-0,001	0,011	0,048	FALSE
0,123	0,279	0,004	0,006	0,247	FALSE
0,007	0,289	-0,001	0,011	0,020	FALSE
-0,066	0,280	-0,001	0,006	0,062	FALSE
-0,030	0,292	-0,003	0,012	0,081	FALSE

-0,035	0,288	0,000	0,012	0,001	FALSE
0,104	0,289	0,003	0,013	0,077	FALSE
0,015	0,289	0,001	0,010	0,035	FALSE
-0,064	0,291	-0,002	0,007	0,083	FALSE
-0,080	0,288	-0,002	0,010	0,087	FALSE
-0,081	0,287	-0,002	0,009	0,102	FALSE
-0,120	0,287	-0,004	0,011	0,161	FALSE
-0,044	0,287	-0,001	0,009	0,051	FALSE
-0,047	0,287	-0,002	0,012	0,059	FALSE
0,129	0,278	0,005	0,009	0,253	FALSE
0,051	0,285	0,002	0,010	0,066	FALSE
0,069	0,301	0,003	0,013	0,077	FALSE
-0,012	0,289	0,000	0,008	0,012	FALSE
0,060	0,303	0,002	0,012	0,047	FALSE
0,172	0,275	0,005	0,008	0,327	FALSE
-0,026	0,294	-0,002	0,011	0,055	FALSE
0,060	0,291	0,001	0,008	0,040	FALSE
-0,028	0,296	-0,001	0,010	0,047	FALSE
-0,067	0,300	-0,002	0,010	0,062	FALSE
-0,008	0,284	0,002	0,010	0,058	FALSE
-0,049	0,283	0,000	0,010	0,004	FALSE
0,126	0,280	0,003	0,007	0,206	FALSE
-0,065	0,289	-0,001	0,007	0,058	FALSE
0,198	0,284	0,008	0,012	0,294	FALSE
-0,003	0,279	-0,002	0,009	0,092	FALSE
0,160	0,298	0,006	0,011	0,218	FALSE
0,004	0,302	0,001	0,009	0,024	FALSE
0,085	0,304	0,001	0,007	0,046	FALSE
-0,012	0,276	0,000	0,011	0,013	FALSE
-0,018	0,275	0,003	0,012	0,079	FALSE
-0,067	0,302	-0,002	0,007	0,089	FALSE
0,066	0,304	0,003	0,013	0,073	FALSE
-0,108	0,286	-0,002	0,010	0,094	FALSE
0,180	0,289	0,005	0,009	0,226	FALSE
-0,072	0,282	-0,005	0,011	0,171	FALSE
0,045	0,291	0,001	0,009	0,048	FALSE
0,010	0,289	0,001	0,007	0,041	FALSE
0,064	0,293	0,002	0,007	0,098	FALSE
-0,015	0,284	-0,001	0,012	0,042	FALSE
0,132	0,295	0,003	0,007	0,168	FALSE
0,134	0,289	0,003	0,007	0,201	FALSE
0,019	0,298	0,000	0,011	0,006	FALSE
0,048	0,291	0,001	0,010	0,051	FALSE
0,103	0,280	0,005	0,009	0,243	FALSE
0,075	0,281	0,002	0,010	0,089	FALSE
0,038	0,299	0,000	0,012	0,005	FALSE
0,068	0,279	0,002	0,011	0,054	FALSE
0,046	0,286	0,002	0,012	0,061	FALSE
0,008	0,293	0,000	0,012	0,007	FALSE
-0,100	0,289	-0,002	0,006	0,146	FALSE
-0,003	0,296	-0,002	0,012	0,058	FALSE
-0,116	0,279	-0,004	0,008	0,206	FALSE
0,008	0,299	-0,001	0,006	0,079	FALSE

-0,032	0,289	-0,002	0,008	0,082	FALSE
0,019	0,272	0,001	0,006	0,050	FALSE
-0,131	0,282	-0,003	0,008	0,158	FALSE
0,021	0,304	0,000	0,007	0,008	FALSE
0,091	0,286	0,003	0,008	0,129	FALSE
0,116	0,282	0,003	0,010	0,137	FALSE
0,006	0,303	-0,001	0,013	0,032	FALSE
0,023	0,297	0,000	0,012	0,004	FALSE
-0,003	0,278	-0,001	0,008	0,029	FALSE
0,087	0,286	0,002	0,009	0,099	FALSE
-0,032	0,276	-0,001	0,011	0,035	FALSE
0,010	0,283	-0,001	0,012	0,038	FALSE
-0,037	0,285	-0,001	0,006	0,035	FALSE
-0,163	0,278	-0,003	0,006	0,193	FALSE
-0,049	0,287	0,000	0,013	0,011	FALSE
0,001	0,282	-0,001	0,010	0,035	FALSE
-0,067	0,283	-0,003	0,009	0,109	FALSE
0,106	0,293	0,005	0,012	0,164	FALSE
-0,038	0,291	-0,001	0,008	0,060	FALSE
-0,023	0,293	0,000	0,012	0,012	FALSE
-0,180	0,286	-0,004	0,007	0,285	FALSE
-0,023	0,281	0,001	0,013	0,016	FALSE
-0,012	0,302	-0,002	0,008	0,071	FALSE
-0,056	0,279	0,000	0,007	0,000	FALSE
-0,049	0,284	-0,001	0,007	0,036	FALSE
0,007	0,296	0,001	0,008	0,033	FALSE
0,038	0,302	0,001	0,007	0,048	FALSE
0,020	0,282	-0,002	0,013	0,048	FALSE
-0,036	0,283	-0,001	0,008	0,065	FALSE
0,054	0,308	0,001	0,008	0,043	FALSE
-0,014	0,292	-0,001	0,011	0,030	FALSE
0,054	0,291	0,001	0,008	0,063	FALSE
0,091	0,270	0,003	0,012	0,102	FALSE
0,013	0,305	-0,001	0,013	0,038	FALSE
0,030	0,298	0,001	0,013	0,020	FALSE
-0,004	0,286	0,000	0,013	0,002	FALSE
-0,075	0,294	-0,003	0,010	0,101	FALSE
0,012	0,301	0,001	0,013	0,026	FALSE
0,021	0,298	0,000	0,013	0,012	FALSE
-0,076	0,280	-0,004	0,010	0,171	FALSE
0,091	0,304	0,003	0,012	0,089	FALSE
0,139	0,284	0,002	0,007	0,094	FALSE
0,032	0,278	0,001	0,008	0,024	FALSE
0,096	0,288	0,001	0,008	0,037	FALSE
0,050	0,291	0,004	0,012	0,124	FALSE
0,036	0,287	0,001	0,013	0,027	FALSE
0,032	0,289	0,000	0,013	0,013	FALSE
0,133	0,286	0,001	0,006	0,093	FALSE
-0,162	0,278	-0,005	0,013	0,147	FALSE
0,004	0,282	0,000	0,008	0,002	FALSE
-0,181	0,301	-0,007	0,013	0,242	FALSE
-0,036	0,303	0,000	0,008	0,015	FALSE
0,041	0,279	0,001	0,007	0,063	FALSE

-0,045	0,301	-0,001	0,012	0,043	FALSE
-0,080	0,294	-0,004	0,011	0,125	FALSE
0,144	0,286	0,002	0,007	0,148	FALSE
0,021	0,284	0,000	0,012	0,001	FALSE
-0,008	0,284	0,000	0,012	0,009	FALSE
-0,081	0,291	-0,001	0,012	0,019	FALSE
0,049	0,302	0,000	0,008	0,003	FALSE
0,151	0,291	0,005	0,008	0,266	FALSE
0,145	0,291	0,003	0,006	0,212	FALSE
0,193	0,280	0,005	0,007	0,362	FALSE
0,132	0,282	0,009	0,013	0,312	FALSE
0,096	0,282	0,007	0,012	0,252	FALSE
0,022	0,287	0,002	0,010	0,094	FALSE
0,056	0,283	0,003	0,009	0,147	FALSE
0,215	0,291	0,004	0,006	0,274	FALSE
0,007	0,286	0,001	0,010	0,054	FALSE
0,008	0,297	0,001	0,010	0,034	FALSE
-0,117	0,274	-0,004	0,007	0,198	FALSE
-0,037	0,294	0,000	0,011	0,014	FALSE
-0,091	0,276	-0,006	0,012	0,236	FALSE
0,160	0,292	0,004	0,009	0,181	FALSE
-0,033	0,300	-0,003	0,013	0,094	FALSE
-0,180	0,280	-0,004	0,008	0,213	FALSE
-0,072	0,281	-0,001	0,013	0,021	FALSE
0,038	0,292	0,001	0,007	0,040	FALSE
-0,045	0,304	-0,003	0,013	0,091	FALSE
0,044	0,288	0,001	0,008	0,035	FALSE
0,022	0,297	0,000	0,011	0,007	FALSE
0,039	0,295	0,001	0,011	0,028	FALSE
0,008	0,287	0,000	0,011	0,001	FALSE
0,079	0,297	0,004	0,010	0,153	FALSE
0,043	0,292	0,001	0,009	0,059	FALSE
-0,103	0,279	-0,002	0,006	0,106	FALSE
0,045	0,284	0,004	0,013	0,121	FALSE
-0,020	0,281	0,002	0,013	0,050	FALSE
-0,041	0,284	0,000	0,006	0,001	FALSE
0,051	0,274	0,000	0,010	0,008	FALSE
-0,092	0,307	-0,003	0,012	0,083	FALSE
-0,010	0,296	0,001	0,010	0,019	FALSE
-0,018	0,284	0,000	0,010	0,007	FALSE
0,095	0,284	0,004	0,010	0,177	FALSE
-0,013	0,299	-0,001	0,010	0,029	FALSE
-0,112	0,295	-0,002	0,009	0,068	FALSE
0,033	0,276	0,001	0,010	0,018	FALSE
-0,160	0,275	-0,004	0,008	0,181	FALSE
0,111	0,290	0,004	0,012	0,138	FALSE
0,115	0,298	0,004	0,012	0,122	FALSE
0,234	0,274	0,007	0,011	0,301	FALSE
0,152	0,288	0,003	0,007	0,138	FALSE
-0,068	0,296	0,000	0,011	0,000	FALSE
-0,005	0,288	0,002	0,010	0,085	FALSE
0,120	0,283	0,002	0,011	0,056	FALSE
0,118	0,269	0,002	0,007	0,109	FALSE

0,082	0,265	0,001	0,008	0,038	FALSE
0,023	0,284	0,001	0,013	0,024	FALSE
0,008	0,296	-0,001	0,010	0,028	FALSE
0,034	0,286	0,000	0,012	0,010	FALSE
0,028	0,289	0,000	0,010	0,013	FALSE
0,001	0,299	-0,001	0,010	0,026	FALSE
0,000	0,302	-0,001	0,010	0,028	FALSE
0,017	0,305	-0,001	0,010	0,022	FALSE
-0,001	0,308	-0,001	0,010	0,037	FALSE
0,007	0,292	-0,001	0,009	0,039	FALSE
-0,100	0,278	-0,002	0,012	0,073	FALSE
-0,042	0,271	0,000	0,006	0,030	FALSE
-0,086	0,296	-0,001	0,007	0,080	FALSE
-0,076	0,290	-0,002	0,008	0,084	FALSE
-0,033	0,285	-0,001	0,008	0,039	FALSE
-0,030	0,290	0,000	0,007	0,001	FALSE
-0,060	0,275	-0,002	0,008	0,079	FALSE
-0,083	0,289	-0,001	0,007	0,065	FALSE
-0,063	0,294	-0,001	0,006	0,032	FALSE
0,104	0,288	0,002	0,007	0,134	FALSE
-0,032	0,291	0,001	0,008	0,044	FALSE
-0,111	0,278	-0,003	0,013	0,082	FALSE
0,043	0,295	0,002	0,010	0,073	FALSE
0,028	0,281	-0,003	0,010	0,099	FALSE
-0,108	0,296	-0,003	0,011	0,093	FALSE
-0,044	0,291	-0,004	0,010	0,152	FALSE
-0,087	0,275	-0,005	0,010	0,218	FALSE
-0,013	0,291	0,001	0,012	0,022	FALSE
0,049	0,285	0,000	0,010	0,005	FALSE
-0,013	0,285	-0,001	0,012	0,044	FALSE
0,050	0,292	0,004	0,013	0,113	FALSE
0,034	0,305	0,003	0,013	0,091	FALSE
0,072	0,300	0,004	0,013	0,134	FALSE
0,022	0,297	0,001	0,007	0,046	FALSE
0,006	0,300	0,001	0,007	0,030	FALSE
0,129	0,269	0,005	0,010	0,188	FALSE
-0,069	0,294	-0,004	0,012	0,145	FALSE
0,122	0,304	0,003	0,008	0,181	FALSE
0,009	0,302	0,001	0,007	0,035	FALSE
-0,088	0,302	-0,002	0,012	0,078	FALSE
-0,011	0,279	0,001	0,008	0,026	FALSE
-0,016	0,285	0,000	0,008	0,022	FALSE
-0,042	0,305	-0,002	0,009	0,072	FALSE
-0,021	0,294	0,000	0,013	0,011	FALSE
-0,120	0,294	-0,004	0,010	0,152	FALSE
0,138	0,294	0,003	0,006	0,214	FALSE
-0,086	0,295	-0,001	0,007	0,065	FALSE
-0,058	0,300	-0,002	0,007	0,091	FALSE
-0,048	0,286	-0,003	0,010	0,112	FALSE
0,080	0,285	0,002	0,007	0,086	FALSE
0,048	0,276	-0,001	0,012	0,025	FALSE
0,062	0,281	0,001	0,007	0,071	FALSE
-0,071	0,284	-0,001	0,013	0,033	FALSE

-0,064	0,282	-0,001	0,007	0,054	FALSE
0,003	0,284	0,000	0,012	0,007	FALSE
-0,066	0,298	-0,002	0,009	0,107	FALSE
-0,097	0,308	-0,002	0,008	0,110	FALSE
0,027	0,303	0,000	0,008	0,005	FALSE
-0,029	0,303	-0,002	0,012	0,059	FALSE
-0,038	0,293	-0,003	0,011	0,087	FALSE
0,099	0,286	0,001	0,008	0,058	FALSE
0,091	0,289	0,002	0,013	0,047	FALSE
-0,068	0,301	-0,002	0,012	0,065	FALSE
-0,022	0,284	-0,001	0,006	0,035	FALSE
-0,028	0,290	-0,001	0,009	0,022	FALSE
-0,083	0,292	-0,002	0,007	0,113	FALSE
0,062	0,290	0,003	0,010	0,107	FALSE
0,003	0,302	0,000	0,008	0,016	FALSE
0,079	0,302	0,001	0,013	0,027	FALSE
0,032	0,281	0,001	0,010	0,023	FALSE
0,031	0,287	0,001	0,010	0,028	FALSE
0,072	0,301	0,002	0,011	0,078	FALSE
0,009	0,299	0,000	0,010	0,002	FALSE
0,024	0,295	-0,002	0,008	0,075	FALSE
0,024	0,291	0,003	0,013	0,084	FALSE
0,044	0,293	0,004	0,010	0,146	FALSE
0,002	0,301	0,000	0,007	0,003	FALSE
0,042	0,285	0,001	0,010	0,034	FALSE
0,119	0,291	0,005	0,012	0,160	FALSE
0,018	0,305	0,000	0,012	0,001	FALSE
0,008	0,299	0,000	0,008	0,004	FALSE
0,032	0,288	0,001	0,007	0,050	FALSE
-0,052	0,299	-0,001	0,007	0,072	FALSE
0,078	0,288	0,002	0,013	0,069	FALSE
0,086	0,296	0,002	0,009	0,097	FALSE
0,167	0,286	0,006	0,011	0,235	FALSE
-0,127	0,290	-0,004	0,010	0,138	FALSE
-0,079	0,295	-0,003	0,012	0,087	FALSE
0,109	0,302	0,003	0,009	0,126	FALSE
-0,038	0,285	-0,002	0,007	0,103	FALSE
-0,081	0,293	-0,002	0,007	0,128	FALSE
-0,027	0,292	-0,001	0,010	0,039	FALSE
-0,146	0,280	-0,004	0,008	0,223	FALSE
-0,050	0,286	-0,002	0,009	0,063	FALSE
0,078	0,305	0,002	0,009	0,078	FALSE
0,179	0,280	0,005	0,008	0,240	FALSE
0,046	0,294	0,001	0,006	0,044	FALSE
-0,075	0,288	-0,001	0,008	0,067	FALSE
-0,210	0,276	-0,004	0,007	0,279	FALSE
-0,006	0,300	0,001	0,009	0,055	FALSE
-0,069	0,283	-0,001	0,008	0,065	FALSE
0,060	0,298	0,002	0,008	0,097	FALSE
-0,107	0,281	-0,003	0,010	0,137	FALSE
0,027	0,297	0,000	0,009	0,008	FALSE
-0,022	0,294	-0,003	0,012	0,095	FALSE
0,031	0,290	0,002	0,010	0,069	FALSE

0,054	0,285	0,001	0,007	0,062	FALSE
-0,127	0,292	-0,005	0,013	0,155	FALSE
-0,007	0,316	0,000	0,008	0,021	FALSE
-0,004	0,295	0,001	0,010	0,021	FALSE
-0,005	0,292	-0,001	0,008	0,028	FALSE
0,146	0,282	0,002	0,008	0,112	FALSE
-0,003	0,293	0,001	0,011	0,026	FALSE
0,000	0,287	0,000	0,006	0,007	FALSE
-0,031	0,309	-0,001	0,012	0,040	FALSE
0,036	0,287	0,002	0,011	0,055	FALSE
0,069	0,288	0,002	0,007	0,127	FALSE
0,100	0,300	0,002	0,007	0,098	FALSE
0,166	0,285	0,007	0,009	0,340	FALSE
-0,102	0,279	-0,001	0,007	0,071	FALSE
-0,021	0,288	0,000	0,011	0,014	FALSE
-0,093	0,282	-0,004	0,011	0,129	FALSE
-0,004	0,271	0,001	0,010	0,033	FALSE
-0,061	0,284	-0,002	0,011	0,054	FALSE
0,055	0,283	0,003	0,011	0,089	FALSE
-0,144	0,291	-0,005	0,010	0,242	FALSE
0,105	0,286	0,004	0,012	0,132	FALSE
0,054	0,303	0,001	0,007	0,053	FALSE
-0,054	0,292	-0,002	0,008	0,089	FALSE
0,069	0,296	0,002	0,008	0,076	FALSE
-0,152	0,283	-0,004	0,007	0,256	FALSE
-0,099	0,297	-0,003	0,013	0,104	FALSE
0,076	0,278	0,002	0,007	0,139	FALSE
0,088	0,278	0,003	0,012	0,088	FALSE
0,130	0,301	0,002	0,007	0,096	FALSE
-0,006	0,296	-0,001	0,007	0,067	FALSE
-0,055	0,285	-0,002	0,009	0,062	FALSE
-0,056	0,293	0,000	0,008	0,020	FALSE
0,038	0,290	0,001	0,008	0,051	FALSE
0,054	0,296	0,001	0,008	0,068	FALSE
0,081	0,287	0,002	0,006	0,091	FALSE
0,020	0,280	-0,001	0,011	0,029	FALSE
-0,027	0,283	-0,001	0,010	0,037	FALSE
-0,092	0,296	-0,002	0,012	0,077	FALSE
-0,061	0,290	-0,002	0,009	0,073	FALSE
-0,015	0,298	-0,001	0,008	0,040	FALSE
-0,068	0,280	-0,003	0,007	0,167	FALSE
0,104	0,289	0,002	0,009	0,076	FALSE
0,125	0,282	0,003	0,010	0,125	FALSE
0,124	0,287	0,003	0,011	0,125	FALSE
-0,003	0,279	0,001	0,009	0,025	FALSE
0,011	0,276	-0,001	0,013	0,017	FALSE
0,106	0,289	0,002	0,008	0,107	FALSE
-0,194	0,277	-0,008	0,012	0,289	FALSE
-0,029	0,293	-0,001	0,012	0,027	FALSE
-0,054	0,297	-0,001	0,013	0,025	FALSE
-0,042	0,293	0,001	0,012	0,022	FALSE
-0,054	0,285	0,000	0,007	0,015	FALSE
0,046	0,294	0,001	0,007	0,047	FALSE

0,004	0,286	0,001	0,010	0,027	FALSE
-0,042	0,274	-0,004	0,013	0,137	FALSE
-0,026	0,286	-0,002	0,013	0,051	FALSE
0,073	0,297	0,002	0,009	0,091	FALSE
-0,199	0,282	-0,006	0,011	0,243	FALSE
-0,111	0,300	-0,003	0,009	0,124	FALSE
-0,032	0,284	0,000	0,012	0,008	FALSE
-0,037	0,283	-0,001	0,012	0,032	FALSE
-0,013	0,293	0,000	0,012	0,010	FALSE
-0,047	0,294	-0,001	0,012	0,028	FALSE
-0,018	0,284	0,000	0,012	0,006	FALSE
0,094	0,292	0,001	0,007	0,077	FALSE
0,178	0,287	0,003	0,008	0,181	FALSE
0,189	0,288	0,005	0,008	0,249	FALSE
-0,122	0,290	-0,004	0,007	0,210	FALSE
-0,016	0,299	0,000	0,011	0,013	FALSE
0,004	0,292	0,001	0,011	0,019	FALSE
0,080	0,293	0,004	0,013	0,111	FALSE
0,082	0,292	0,003	0,013	0,089	FALSE
0,077	0,296	0,003	0,013	0,087	FALSE
0,035	0,286	0,001	0,011	0,045	FALSE
0,101	0,303	0,003	0,010	0,124	FALSE
0,131	0,284	0,004	0,010	0,185	FALSE
0,000	0,298	0,001	0,012	0,023	FALSE
0,097	0,298	0,001	0,009	0,055	FALSE
-0,060	0,304	-0,002	0,007	0,102	FALSE
-0,088	0,295	-0,003	0,007	0,173	FALSE
0,038	0,306	0,003	0,013	0,077	FALSE
0,157	0,290	0,004	0,007	0,232	FALSE
0,051	0,296	0,002	0,008	0,086	FALSE
-0,034	0,295	-0,001	0,007	0,027	FALSE
0,148	0,294	0,004	0,010	0,182	FALSE
0,009	0,288	0,000	0,007	0,010	FALSE
0,125	0,286	0,005	0,011	0,176	FALSE
0,149	0,288	0,004	0,009	0,195	FALSE
0,077	0,303	0,003	0,009	0,119	FALSE
0,134	0,290	0,004	0,009	0,162	FALSE
0,170	0,282	0,005	0,008	0,242	FALSE
-0,103	0,288	-0,004	0,013	0,129	FALSE
0,009	0,288	0,000	0,011	0,004	FALSE
0,010	0,301	0,001	0,013	0,015	FALSE
-0,033	0,298	-0,001	0,011	0,017	FALSE
-0,044	0,298	-0,001	0,011	0,027	FALSE
-0,009	0,310	-0,001	0,013	0,023	FALSE
0,028	0,296	0,001	0,012	0,043	FALSE
0,027	0,304	0,001	0,012	0,037	FALSE
-0,081	0,283	-0,002	0,009	0,093	FALSE
0,026	0,302	0,000	0,008	0,004	FALSE
0,036	0,285	0,000	0,010	0,012	FALSE
-0,042	0,285	-0,001	0,012	0,018	FALSE
0,090	0,275	0,002	0,006	0,116	FALSE
-0,049	0,285	-0,003	0,009	0,110	FALSE
0,065	0,287	0,002	0,013	0,056	FALSE

-0,036	0,290	-0,001	0,009	0,051	FALSE
-0,152	0,278	-0,003	0,009	0,142	FALSE
0,157	0,289	0,003	0,008	0,150	FALSE
0,112	0,285	0,006	0,011	0,217	FALSE
-0,107	0,283	-0,006	0,012	0,193	FALSE
0,150	0,275	0,005	0,011	0,194	FALSE
0,075	0,287	0,003	0,011	0,105	FALSE
-0,045	0,286	-0,002	0,009	0,094	FALSE
-0,095	0,287	-0,003	0,009	0,122	FALSE
0,037	0,284	0,003	0,009	0,113	FALSE
-0,044	0,301	-0,001	0,007	0,050	FALSE
0,019	0,306	0,000	0,010	0,002	FALSE
-0,085	0,287	-0,004	0,009	0,168	FALSE
-0,098	0,286	-0,004	0,009	0,188	FALSE
0,092	0,286	0,003	0,010	0,123	FALSE
0,163	0,281	0,005	0,008	0,240	FALSE
0,075	0,284	0,004	0,010	0,156	FALSE
-0,062	0,277	-0,002	0,007	0,091	FALSE
-0,025	0,287	-0,001	0,006	0,084	FALSE
-0,034	0,302	-0,001	0,007	0,063	FALSE
0,153	0,281	0,004	0,008	0,225	FALSE
-0,146	0,297	-0,003	0,006	0,170	FALSE
-0,109	0,265	-0,003	0,007	0,161	FALSE
0,051	0,285	0,000	0,007	0,016	FALSE
-0,211	0,283	-0,006	0,008	0,304	FALSE
-0,162	0,276	-0,004	0,007	0,227	FALSE
0,042	0,301	0,002	0,008	0,101	FALSE
0,053	0,293	0,001	0,007	0,068	FALSE
0,224	0,273	0,009	0,011	0,385	FALSE
0,163	0,287	0,005	0,009	0,224	FALSE
-0,191	0,289	-0,009	0,014	0,308	FALSE
0,046	0,302	0,002	0,008	0,076	FALSE
-0,101	0,292	-0,004	0,008	0,182	FALSE
-0,135	0,288	-0,003	0,008	0,162	FALSE
-0,140	0,299	-0,002	0,007	0,089	FALSE
-0,161	0,298	-0,003	0,007	0,170	FALSE
0,110	0,295	0,001	0,007	0,071	FALSE
-0,002	0,310	0,000	0,007	0,007	FALSE
0,000	0,293	0,002	0,009	0,090	FALSE
-0,022	0,296	-0,002	0,013	0,065	FALSE
0,063	0,296	0,004	0,013	0,128	FALSE
-0,056	0,289	-0,002	0,011	0,067	FALSE
-0,045	0,295	-0,001	0,012	0,036	FALSE
-0,073	0,284	-0,001	0,013	0,024	FALSE
0,113	0,292	0,004	0,010	0,149	FALSE
0,104	0,280	0,004	0,012	0,133	FALSE
0,091	0,276	0,001	0,008	0,025	FALSE
0,143	0,284	0,003	0,013	0,101	FALSE
0,004	0,291	-0,002	0,008	0,071	FALSE
-0,019	0,305	0,000	0,007	0,024	FALSE
0,052	0,304	0,002	0,013	0,045	FALSE
0,021	0,273	0,000	0,012	0,007	FALSE
0,011	0,279	-0,001	0,012	0,028	FALSE

0,032	0,291	0,001	0,008	0,051	FALSE
-0,031	0,290	0,000	0,007	0,014	FALSE
-0,076	0,295	-0,002	0,010	0,091	FALSE
-0,055	0,290	-0,002	0,007	0,128	FALSE
0,130	0,292	0,005	0,009	0,232	FALSE
0,088	0,285	0,003	0,009	0,125	FALSE
-0,025	0,292	-0,001	0,009	0,030	FALSE
0,039	0,267	0,000	0,006	0,014	FALSE
-0,071	0,289	-0,002	0,007	0,119	FALSE
0,055	0,300	0,003	0,010	0,112	FALSE
-0,053	0,297	0,000	0,007	0,008	FALSE
0,021	0,294	0,002	0,008	0,083	FALSE
-0,010	0,289	-0,001	0,007	0,028	FALSE
0,036	0,297	0,000	0,006	0,001	FALSE
-0,113	0,295	-0,004	0,009	0,175	FALSE
-0,134	0,291	-0,004	0,013	0,106	FALSE
0,053	0,285	0,003	0,011	0,123	FALSE
0,016	0,310	0,002	0,011	0,057	FALSE
0,113	0,299	0,003	0,008	0,147	FALSE
-0,136	0,286	-0,007	0,012	0,226	FALSE
0,161	0,286	0,004	0,008	0,196	FALSE
-0,095	0,283	-0,003	0,009	0,128	FALSE
-0,057	0,299	-0,001	0,011	0,033	FALSE
0,132	0,281	0,004	0,012	0,120	FALSE
-0,001	0,292	0,001	0,008	0,065	FALSE
0,001	0,283	-0,001	0,010	0,046	FALSE
0,033	0,291	0,001	0,006	0,074	FALSE
-0,096	0,275	-0,003	0,006	0,202	FALSE
0,109	0,296	0,002	0,007	0,136	FALSE
-0,019	0,283	0,000	0,007	0,018	FALSE
-0,046	0,300	0,000	0,007	0,019	FALSE
0,065	0,288	0,003	0,009	0,126	FALSE
-0,011	0,298	0,000	0,007	0,015	FALSE
-0,006	0,280	-0,002	0,010	0,079	FALSE
0,076	0,297	0,001	0,006	0,083	FALSE
0,003	0,275	-0,001	0,011	0,033	FALSE
0,020	0,290	0,000	0,012	0,006	FALSE
0,011	0,285	0,000	0,010	0,003	FALSE
-0,001	0,291	0,000	0,009	0,002	FALSE
0,043	0,285	0,002	0,012	0,063	FALSE
-0,001	0,296	0,001	0,010	0,051	FALSE
-0,004	0,295	-0,001	0,013	0,041	FALSE
0,143	0,274	0,004	0,009	0,185	FALSE
0,022	0,289	-0,001	0,007	0,041	FALSE
0,049	0,295	-0,001	0,012	0,032	FALSE
-0,025	0,302	-0,001	0,008	0,046	FALSE
-0,139	0,287	-0,005	0,012	0,158	FALSE
0,222	0,288	0,009	0,013	0,291	FALSE
0,183	0,294	0,006	0,013	0,202	FALSE
0,175	0,291	0,005	0,009	0,236	FALSE
0,118	0,283	0,003	0,012	0,096	FALSE
0,159	0,290	0,006	0,012	0,189	FALSE
0,012	0,294	0,000	0,006	0,026	FALSE

-0,093	0,287	-0,003	0,013	0,078	FALSE
-0,011	0,280	-0,001	0,007	0,063	FALSE
-0,019	0,273	0,000	0,011	0,006	FALSE
-0,083	0,279	-0,003	0,013	0,099	FALSE
-0,069	0,291	-0,002	0,013	0,064	FALSE
-0,068	0,288	-0,002	0,013	0,066	FALSE
-0,057	0,290	-0,003	0,013	0,077	FALSE
0,169	0,278	0,004	0,009	0,158	FALSE
0,158	0,282	0,004	0,009	0,207	FALSE
-0,068	0,289	-0,002	0,010	0,084	FALSE
0,136	0,286	0,003	0,009	0,162	FALSE
-0,147	0,287	-0,005	0,011	0,207	FALSE
-0,155	0,281	-0,005	0,009	0,220	FALSE
-0,030	0,296	-0,002	0,013	0,054	FALSE
0,081	0,309	0,004	0,013	0,104	FALSE
0,076	0,295	0,001	0,006	0,072	FALSE
-0,057	0,303	-0,004	0,012	0,145	FALSE
0,008	0,293	-0,001	0,006	0,045	FALSE
0,074	0,296	0,004	0,013	0,122	FALSE
-0,071	0,282	-0,001	0,008	0,068	FALSE
0,092	0,289	0,002	0,007	0,096	FALSE
-0,095	0,293	-0,002	0,008	0,088	FALSE
0,089	0,277	0,001	0,007	0,065	FALSE
0,002	0,284	0,001	0,011	0,025	FALSE
-0,050	0,297	-0,001	0,007	0,043	FALSE
-0,085	0,292	-0,001	0,007	0,054	FALSE
-0,062	0,273	-0,002	0,009	0,088	FALSE
-0,074	0,285	-0,002	0,009	0,082	FALSE
0,054	0,280	0,001	0,007	0,055	FALSE
0,111	0,293	0,004	0,011	0,157	FALSE
0,018	0,283	0,001	0,007	0,038	FALSE
0,050	0,289	0,001	0,009	0,051	FALSE
0,191	0,286	0,003	0,007	0,211	FALSE
-0,126	0,279	-0,003	0,007	0,178	FALSE
0,054	0,296	0,003	0,012	0,084	FALSE
0,004	0,299	-0,001	0,012	0,020	FALSE
-0,092	0,286	-0,004	0,011	0,129	FALSE
0,114	0,300	0,002	0,007	0,111	FALSE
-0,014	0,293	0,001	0,009	0,059	FALSE
0,046	0,294	0,001	0,013	0,022	FALSE
0,070	0,284	0,001	0,011	0,023	FALSE
-0,004	0,302	0,000	0,009	0,007	FALSE
0,078	0,271	0,001	0,010	0,023	FALSE
0,040	0,288	0,000	0,008	0,013	FALSE
0,010	0,291	0,001	0,012	0,022	FALSE
0,106	0,286	0,004	0,010	0,164	FALSE
0,017	0,315	-0,001	0,009	0,025	FALSE
0,114	0,289	0,003	0,007	0,195	FALSE
0,058	0,287	0,001	0,006	0,056	FALSE
0,002	0,276	0,000	0,008	0,011	FALSE
0,024	0,293	-0,001	0,007	0,026	FALSE
0,036	0,297	0,003	0,013	0,085	FALSE
0,007	0,297	-0,001	0,008	0,050	FALSE

-0,060	0,297	-0,001	0,006	0,059	FALSE
-0,049	0,291	-0,001	0,007	0,077	FALSE
-0,008	0,275	0,001	0,012	0,037	FALSE
-0,011	0,291	0,001	0,009	0,024	FALSE
-0,085	0,290	-0,004	0,013	0,107	FALSE
-0,047	0,293	-0,001	0,008	0,043	FALSE
-0,071	0,290	-0,002	0,008	0,074	FALSE
-0,003	0,277	0,001	0,012	0,039	FALSE
0,122	0,291	0,003	0,010	0,101	FALSE
0,160	0,278	0,006	0,012	0,213	FALSE
0,102	0,286	0,005	0,013	0,143	FALSE
-0,085	0,292	-0,002	0,008	0,083	FALSE
0,083	0,297	0,003	0,011	0,087	FALSE
0,003	0,299	-0,001	0,010	0,052	FALSE
-0,153	0,283	-0,004	0,007	0,212	FALSE
-0,023	0,286	0,000	0,006	0,006	FALSE
0,020	0,289	0,000	0,011	0,006	FALSE
-0,020	0,295	-0,001	0,011	0,045	FALSE
-0,112	0,291	-0,007	0,013	0,222	FALSE
-0,194	0,282	-0,005	0,009	0,259	FALSE
-0,189	0,288	-0,005	0,011	0,217	FALSE
-0,093	0,294	-0,002	0,011	0,067	FALSE
-0,069	0,290	-0,001	0,007	0,071	FALSE
0,018	0,285	0,001	0,008	0,025	FALSE
0,037	0,287	0,001	0,008	0,038	FALSE
-0,043	0,281	-0,002	0,007	0,080	FALSE
-0,061	0,284	-0,002	0,012	0,050	FALSE
0,027	0,301	0,002	0,013	0,070	FALSE
0,030	0,296	-0,001	0,009	0,033	FALSE
-0,018	0,292	-0,001	0,007	0,051	FALSE
0,081	0,272	0,001	0,007	0,065	FALSE
0,135	0,291	0,006	0,012	0,193	FALSE
-0,041	0,283	-0,001	0,007	0,025	FALSE
-0,153	0,273	-0,004	0,011	0,166	FALSE
-0,030	0,296	-0,001	0,007	0,029	FALSE
-0,023	0,289	0,000	0,012	0,013	FALSE
-0,082	0,286	-0,002	0,012	0,046	FALSE
-0,060	0,298	-0,005	0,013	0,141	FALSE
0,039	0,287	-0,001	0,010	0,047	FALSE
0,046	0,301	0,002	0,013	0,042	FALSE
-0,123	0,298	-0,003	0,010	0,115	FALSE
0,040	0,283	0,002	0,008	0,088	FALSE
-0,037	0,282	-0,001	0,013	0,016	FALSE
-0,039	0,291	-0,001	0,012	0,021	FALSE
-0,023	0,294	0,000	0,012	0,007	FALSE
-0,039	0,293	-0,001	0,012	0,023	FALSE
0,034	0,284	0,000	0,007	0,017	FALSE
0,036	0,291	0,004	0,012	0,149	FALSE
0,186	0,281	0,004	0,006	0,250	FALSE
-0,130	0,288	-0,002	0,008	0,115	FALSE
0,055	0,301	0,004	0,013	0,113	FALSE
0,058	0,296	0,004	0,013	0,122	FALSE
-0,094	0,283	-0,002	0,009	0,078	FALSE

0,094	0,281	0,003	0,009	0,115	FALSE
0,044	0,298	0,001	0,009	0,053	FALSE
0,074	0,297	0,002	0,009	0,082	FALSE
-0,041	0,274	-0,001	0,012	0,018	FALSE
-0,127	0,297	-0,005	0,012	0,165	FALSE
0,007	0,307	-0,001	0,013	0,024	FALSE
-0,017	0,294	0,000	0,007	0,012	FALSE
-0,118	0,291	-0,004	0,009	0,166	FALSE
0,121	0,285	0,005	0,008	0,242	FALSE
-0,004	0,286	-0,003	0,013	0,106	FALSE
-0,009	0,277	0,000	0,011	0,003	FALSE
-0,030	0,302	-0,001	0,012	0,030	FALSE
0,033	0,307	0,000	0,013	0,002	FALSE
-0,022	0,298	0,001	0,013	0,017	FALSE
-0,081	0,295	-0,001	0,013	0,027	FALSE
-0,069	0,285	-0,002	0,006	0,102	FALSE
-0,164	0,280	-0,005	0,009	0,224	FALSE
0,114	0,292	0,004	0,008	0,231	FALSE
-0,021	0,277	-0,001	0,007	0,027	FALSE
0,040	0,286	0,001	0,007	0,077	FALSE
-0,136	0,285	-0,003	0,007	0,197	FALSE
0,060	0,291	0,001	0,009	0,032	FALSE
-0,157	0,276	-0,003	0,007	0,205	FALSE
-0,122	0,284	-0,003	0,007	0,196	FALSE
-0,043	0,288	-0,001	0,010	0,027	FALSE
0,016	0,296	0,000	0,012	0,000	FALSE
0,110	0,284	0,004	0,011	0,162	FALSE
0,049	0,292	0,002	0,013	0,059	FALSE
0,065	0,285	0,002	0,011	0,084	FALSE
-0,001	0,281	0,001	0,009	0,037	FALSE
-0,098	0,305	-0,003	0,009	0,130	FALSE
-0,091	0,280	-0,001	0,007	0,061	FALSE
-0,055	0,281	0,000	0,008	0,006	FALSE
-0,071	0,306	-0,001	0,008	0,057	FALSE
-0,014	0,289	-0,001	0,011	0,020	FALSE
-0,091	0,287	-0,003	0,007	0,140	FALSE
0,076	0,284	0,001	0,007	0,073	FALSE
0,115	0,296	0,002	0,008	0,089	FALSE
-0,118	0,288	-0,004	0,012	0,146	FALSE
0,043	0,297	0,004	0,013	0,134	FALSE
-0,061	0,296	-0,002	0,011	0,067	FALSE
0,040	0,280	0,002	0,009	0,070	FALSE
0,107	0,286	0,003	0,008	0,132	FALSE
-0,061	0,278	0,000	0,012	0,002	FALSE
0,122	0,291	0,002	0,006	0,150	FALSE
0,079	0,291	0,003	0,012	0,080	FALSE
0,056	0,314	0,002	0,014	0,049	FALSE
0,135	0,295	0,004	0,010	0,138	FALSE
-0,085	0,297	-0,003	0,007	0,157	FALSE
0,037	0,303	0,000	0,013	0,009	FALSE
-0,092	0,300	-0,002	0,013	0,067	FALSE
-0,065	0,289	-0,001	0,007	0,077	FALSE
-0,020	0,308	0,000	0,007	0,018	FALSE

0,089	0,291	0,002	0,008	0,089	FALSE
0,049	0,296	0,000	0,012	0,006	FALSE
0,071	0,289	0,001	0,012	0,018	FALSE
-0,022	0,293	-0,001	0,007	0,028	FALSE
-0,036	0,303	-0,001	0,007	0,032	FALSE
-0,058	0,291	-0,001	0,007	0,045	FALSE
0,102	0,289	0,006	0,013	0,185	FALSE
0,073	0,294	0,003	0,011	0,091	FALSE
-0,101	0,286	-0,006	0,012	0,217	FALSE
-0,081	0,292	-0,005	0,013	0,177	FALSE
0,005	0,290	0,000	0,009	0,018	FALSE
0,101	0,294	0,006	0,013	0,179	FALSE
0,033	0,301	0,000	0,008	0,007	FALSE
-0,047	0,291	-0,002	0,011	0,063	FALSE
-0,017	0,285	0,001	0,006	0,050	FALSE
0,035	0,296	0,000	0,006	0,021	FALSE
-0,061	0,287	-0,001	0,007	0,081	FALSE
-0,081	0,300	-0,002	0,008	0,094	FALSE
-0,108	0,291	-0,003	0,012	0,094	FALSE
-0,114	0,302	-0,003	0,013	0,101	FALSE
0,180	0,280	0,006	0,009	0,290	FALSE
0,122	0,293	0,002	0,008	0,105	FALSE
0,088	0,283	0,002	0,010	0,079	FALSE
-0,004	0,281	-0,001	0,013	0,034	FALSE
-0,029	0,280	-0,001	0,009	0,022	FALSE
0,103	0,295	0,003	0,008	0,147	FALSE
0,053	0,295	0,003	0,010	0,123	FALSE
0,042	0,286	0,002	0,009	0,099	FALSE
-0,009	0,295	0,001	0,009	0,028	FALSE
-0,048	0,295	-0,002	0,012	0,052	FALSE
0,066	0,294	0,004	0,013	0,109	FALSE
0,023	0,294	0,000	0,008	0,011	FALSE
0,059	0,298	0,002	0,009	0,084	FALSE
-0,005	0,297	0,000	0,008	0,007	FALSE
-0,014	0,280	-0,001	0,009	0,052	FALSE
0,130	0,281	0,004	0,008	0,196	FALSE
0,058	0,271	0,001	0,008	0,061	FALSE
0,186	0,283	0,005	0,007	0,352	FALSE
-0,027	0,293	0,000	0,011	0,010	FALSE
0,090	0,287	0,003	0,013	0,094	FALSE
-0,082	0,279	-0,003	0,009	0,124	FALSE
0,162	0,263	0,008	0,013	0,282	FALSE
0,115	0,293	0,002	0,007	0,124	FALSE
0,048	0,293	0,000	0,013	0,005	FALSE
0,052	0,291	0,001	0,013	0,025	FALSE
-0,042	0,277	0,000	0,008	0,018	FALSE
-0,027	0,287	-0,002	0,010	0,088	FALSE
0,121	0,292	0,005	0,013	0,155	FALSE
-0,020	0,291	-0,002	0,012	0,064	FALSE
0,106	0,297	0,002	0,010	0,097	FALSE
-0,144	0,283	-0,003	0,010	0,137	FALSE
0,040	0,298	0,001	0,008	0,038	FALSE
-0,040	0,283	-0,003	0,009	0,117	FALSE

-0,057	0,304	-0,003	0,009	0,122	FALSE
-0,036	0,296	-0,002	0,009	0,081	FALSE
0,147	0,286	0,003	0,006	0,167	FALSE
0,093	0,282	0,002	0,011	0,059	FALSE
0,012	0,296	0,000	0,008	0,015	FALSE
0,123	0,303	0,003	0,010	0,114	FALSE
0,130	0,291	0,004	0,010	0,146	FALSE
0,026	0,286	0,001	0,010	0,045	FALSE
0,062	0,294	0,000	0,009	0,009	FALSE
-0,041	0,289	0,000	0,010	0,017	FALSE
0,080	0,292	0,000	0,008	0,011	FALSE
-0,092	0,300	-0,002	0,013	0,071	FALSE
0,134	0,291	0,002	0,007	0,111	FALSE
0,191	0,282	0,006	0,009	0,260	FALSE
-0,055	0,302	-0,002	0,008	0,079	FALSE
-0,008	0,292	0,000	0,007	0,005	FALSE
-0,012	0,295	0,000	0,006	0,021	FALSE
0,061	0,292	0,003	0,012	0,089	FALSE
-0,072	0,284	-0,002	0,008	0,081	FALSE
0,007	0,289	-0,002	0,011	0,072	FALSE
0,127	0,303	0,004	0,009	0,201	FALSE
-0,165	0,287	-0,004	0,009	0,166	FALSE
-0,086	0,297	-0,004	0,013	0,131	FALSE
-0,094	0,273	-0,002	0,006	0,146	FALSE
0,061	0,292	-0,001	0,012	0,020	FALSE
-0,093	0,293	-0,002	0,007	0,095	FALSE
-0,059	0,298	-0,001	0,007	0,051	FALSE
-0,079	0,290	-0,002	0,008	0,089	FALSE
0,034	0,294	0,001	0,010	0,023	FALSE
0,115	0,288	0,004	0,008	0,196	FALSE
0,001	0,284	0,000	0,008	0,007	FALSE
0,101	0,293	0,002	0,007	0,117	FALSE
0,020	0,283	-0,001	0,006	0,049	FALSE
0,022	0,267	0,000	0,009	0,007	FALSE
0,218	0,278	0,008	0,012	0,322	FALSE
-0,149	0,298	-0,003	0,007	0,192	FALSE
-0,128	0,281	-0,004	0,010	0,147	FALSE
-0,121	0,299	-0,006	0,013	0,190	FALSE
0,016	0,289	-0,001	0,012	0,020	FALSE
-0,007	0,288	0,001	0,012	0,027	FALSE
0,010	0,299	0,000	0,007	0,023	FALSE
-0,137	0,280	-0,003	0,007	0,199	FALSE
-0,060	0,279	-0,001	0,008	0,041	FALSE
-0,022	0,298	-0,002	0,013	0,043	FALSE
0,098	0,293	0,004	0,012	0,132	FALSE
0,100	0,310	0,005	0,014	0,142	FALSE
0,002	0,284	0,000	0,006	0,025	FALSE
-0,049	0,289	-0,001	0,008	0,026	FALSE
-0,114	0,282	-0,003	0,013	0,094	FALSE
-0,007	0,295	0,001	0,007	0,040	FALSE
-0,293	0,270	-0,009	0,009	0,454	FALSE
0,009	0,288	-0,001	0,007	0,037	FALSE
-0,107	0,298	-0,005	0,013	0,143	FALSE

-0,072	0,293	-0,002	0,013	0,070	FALSE
-0,282	0,273	-0,008	0,009	0,455	FALSE
-0,287	0,266	-0,009	0,010	0,439	FALSE
-0,126	0,291	-0,003	0,012	0,108	FALSE
-0,033	0,293	0,000	0,007	0,009	FALSE
0,037	0,307	0,001	0,013	0,038	FALSE
-0,028	0,287	0,001	0,013	0,025	FALSE
0,041	0,293	0,001	0,008	0,034	FALSE
-0,043	0,289	-0,002	0,012	0,056	FALSE
0,063	0,275	0,001	0,008	0,069	FALSE
0,085	0,286	0,003	0,012	0,078	FALSE
0,083	0,290	0,003	0,013	0,096	FALSE
-0,048	0,281	-0,001	0,007	0,030	FALSE
-0,054	0,294	-0,001	0,011	0,039	FALSE
0,035	0,269	-0,002	0,008	0,080	FALSE
-0,023	0,291	0,001	0,011	0,030	FALSE
0,015	0,285	0,000	0,010	0,006	FALSE
-0,139	0,282	-0,002	0,006	0,140	FALSE
0,137	0,286	0,004	0,007	0,248	FALSE
0,094	0,285	0,003	0,012	0,113	FALSE
-0,075	0,294	-0,002	0,011	0,078	FALSE
0,015	0,291	0,001	0,011	0,035	FALSE
-0,107	0,283	-0,001	0,009	0,039	FALSE
-0,005	0,297	0,000	0,008	0,019	FALSE
-0,014	0,299	0,000	0,009	0,007	FALSE
-0,082	0,291	-0,004	0,008	0,220	FALSE
-0,033	0,287	-0,002	0,008	0,080	FALSE
-0,082	0,272	-0,002	0,012	0,055	FALSE
-0,070	0,294	-0,005	0,013	0,151	FALSE
0,133	0,292	0,006	0,010	0,258	FALSE
0,269	0,282	0,011	0,012	0,443	FALSE
-0,073	0,292	-0,003	0,008	0,166	FALSE
0,097	0,299	0,004	0,012	0,129	FALSE
-0,064	0,293	-0,002	0,013	0,062	FALSE
-0,031	0,289	-0,003	0,013	0,077	FALSE
-0,054	0,285	0,000	0,009	0,018	FALSE
-0,005	0,277	0,001	0,012	0,028	FALSE
-0,006	0,285	0,001	0,013	0,015	FALSE
0,052	0,291	0,001	0,008	0,043	FALSE
0,024	0,290	0,001	0,011	0,032	FALSE
0,028	0,295	0,001	0,011	0,024	FALSE
-0,168	0,284	-0,005	0,011	0,209	FALSE
-0,155	0,281	-0,006	0,013	0,195	FALSE
-0,129	0,272	-0,005	0,012	0,157	FALSE
-0,153	0,273	-0,006	0,012	0,211	FALSE
0,067	0,303	0,002	0,011	0,080	FALSE
0,022	0,277	0,000	0,012	0,013	FALSE
0,001	0,286	0,002	0,012	0,056	FALSE
0,025	0,297	0,003	0,012	0,081	FALSE
0,037	0,299	0,002	0,012	0,058	FALSE
0,104	0,285	0,002	0,013	0,050	FALSE
0,096	0,278	0,001	0,013	0,025	FALSE
0,158	0,286	0,002	0,006	0,134	FALSE

-0,183	0,284	-0,010	0,013	0,360	FALSE
0,169	0,273	0,005	0,012	0,163	FALSE
0,022	0,293	0,001	0,009	0,048	FALSE
-0,099	0,285	-0,002	0,011	0,071	FALSE
-0,035	0,284	0,001	0,010	0,020	FALSE
0,025	0,291	0,002	0,012	0,075	FALSE
0,014	0,292	0,001	0,012	0,020	FALSE
-0,100	0,281	-0,004	0,009	0,183	FALSE
-0,147	0,282	-0,004	0,008	0,202	FALSE
0,080	0,293	0,004	0,010	0,189	FALSE
-0,146	0,290	-0,004	0,012	0,120	FALSE
-0,005	0,284	-0,002	0,013	0,058	FALSE
0,034	0,295	0,002	0,013	0,047	FALSE
-0,024	0,292	-0,001	0,008	0,024	FALSE
-0,109	0,284	-0,003	0,007	0,151	FALSE
-0,148	0,282	-0,006	0,012	0,206	FALSE
-0,161	0,282	-0,006	0,012	0,216	FALSE
0,098	0,284	0,005	0,009	0,233	FALSE
-0,038	0,286	-0,002	0,011	0,059	FALSE
-0,109	0,280	-0,004	0,009	0,173	FALSE
0,041	0,296	0,001	0,008	0,065	FALSE
0,111	0,283	0,002	0,013	0,052	FALSE
0,031	0,279	0,000	0,007	0,017	FALSE
0,023	0,289	-0,001	0,012	0,027	FALSE
0,071	0,290	0,001	0,010	0,052	FALSE
0,115	0,269	0,003	0,006	0,169	FALSE
0,097	0,294	0,002	0,007	0,086	FALSE
0,170	0,272	0,004	0,011	0,143	FALSE
-0,101	0,293	-0,003	0,013	0,089	FALSE
-0,092	0,293	-0,002	0,013	0,071	FALSE
-0,134	0,282	-0,005	0,010	0,197	FALSE
0,097	0,291	0,002	0,009	0,060	FALSE
0,044	0,296	0,003	0,012	0,109	FALSE
-0,085	0,289	-0,002	0,007	0,116	FALSE
0,042	0,293	0,001	0,010	0,030	FALSE
-0,035	0,303	-0,002	0,011	0,061	FALSE
0,127	0,285	0,002	0,007	0,122	FALSE
0,050	0,296	0,001	0,007	0,037	FALSE
-0,109	0,281	-0,001	0,007	0,073	FALSE
-0,107	0,282	-0,004	0,012	0,142	FALSE
-0,110	0,282	-0,002	0,007	0,099	FALSE
0,001	0,290	-0,001	0,011	0,019	FALSE
0,006	0,289	0,000	0,012	0,002	FALSE
0,165	0,292	0,003	0,007	0,161	FALSE
0,147	0,295	0,004	0,008	0,193	FALSE
0,006	0,293	0,001	0,008	0,038	FALSE
0,116	0,275	0,002	0,013	0,064	FALSE
0,123	0,282	0,002	0,007	0,090	FALSE
-0,131	0,284	-0,002	0,009	0,080	FALSE
0,094	0,284	0,002	0,010	0,085	FALSE
-0,073	0,285	-0,002	0,012	0,055	FALSE
-0,104	0,292	-0,002	0,009	0,098	FALSE
0,036	0,281	0,000	0,006	0,021	FALSE

-0,058	0,298	-0,001	0,008	0,067	FALSE
-0,009	0,283	0,001	0,006	0,071	FALSE
-0,003	0,289	0,000	0,007	0,016	FALSE
-0,019	0,284	0,001	0,007	0,061	FALSE
0,056	0,289	0,001	0,008	0,070	FALSE
0,039	0,287	0,001	0,011	0,041	FALSE
0,077	0,298	0,002	0,010	0,059	FALSE
0,036	0,294	0,001	0,010	0,024	FALSE
-0,026	0,292	-0,001	0,008	0,026	FALSE
-0,054	0,275	0,000	0,010	0,001	FALSE
-0,108	0,283	-0,003	0,006	0,177	FALSE
-0,021	0,282	0,000	0,007	0,001	FALSE
0,069	0,287	0,001	0,008	0,051	FALSE
0,115	0,297	0,002	0,007	0,140	FALSE
0,010	0,290	0,001	0,008	0,035	FALSE
-0,073	0,289	-0,001	0,006	0,076	FALSE
0,003	0,286	0,001	0,009	0,058	FALSE
-0,109	0,306	-0,005	0,011	0,180	FALSE
0,057	0,289	0,005	0,013	0,144	FALSE
0,048	0,283	0,003	0,011	0,091	FALSE
0,081	0,308	0,003	0,012	0,108	FALSE
-0,056	0,293	-0,001	0,009	0,031	FALSE
-0,069	0,292	-0,003	0,006	0,171	FALSE
-0,142	0,285	-0,003	0,008	0,161	FALSE
-0,025	0,302	-0,002	0,011	0,063	FALSE
0,221	0,276	0,007	0,009	0,379	FALSE
-0,063	0,267	-0,001	0,010	0,024	FALSE
-0,082	0,299	-0,002	0,011	0,085	FALSE
0,095	0,298	0,003	0,008	0,135	FALSE
0,047	0,298	0,001	0,010	0,037	FALSE
-0,103	0,297	-0,002	0,007	0,146	FALSE
0,025	0,298	0,001	0,009	0,028	FALSE
-0,123	0,288	-0,002	0,007	0,142	FALSE
0,008	0,293	0,000	0,010	0,018	FALSE
-0,093	0,279	-0,002	0,007	0,092	FALSE
0,216	0,274	0,009	0,012	0,321	FALSE
-0,083	0,284	-0,003	0,007	0,163	FALSE
0,066	0,286	0,002	0,013	0,048	FALSE
0,016	0,286	0,000	0,013	0,010	FALSE
0,020	0,285	0,000	0,010	0,014	FALSE
0,048	0,275	0,003	0,010	0,101	FALSE
-0,118	0,291	-0,002	0,008	0,113	FALSE
-0,004	0,279	-0,003	0,013	0,076	FALSE
0,077	0,285	0,001	0,013	0,025	FALSE
-0,030	0,288	0,001	0,012	0,017	FALSE
-0,055	0,281	-0,001	0,011	0,027	FALSE
0,012	0,293	0,002	0,012	0,068	FALSE
-0,074	0,284	-0,001	0,010	0,042	FALSE
-0,064	0,281	-0,003	0,012	0,097	FALSE
-0,051	0,297	-0,001	0,012	0,028	FALSE
-0,013	0,293	0,000	0,011	0,010	FALSE
-0,065	0,283	0,000	0,011	0,014	FALSE
0,112	0,285	0,003	0,011	0,112	FALSE

0,045	0,278	0,000	0,012	0,013	FALSE
0,009	0,287	0,001	0,009	0,029	FALSE
0,006	0,282	-0,001	0,012	0,041	FALSE
0,027	0,302	0,001	0,010	0,038	FALSE
-0,026	0,277	0,000	0,008	0,010	FALSE
-0,075	0,286	-0,003	0,009	0,112	FALSE
-0,079	0,294	-0,003	0,009	0,112	FALSE
-0,059	0,287	-0,002	0,008	0,103	FALSE
-0,089	0,293	-0,002	0,008	0,100	FALSE
-0,142	0,286	-0,004	0,008	0,191	FALSE
-0,021	0,286	0,000	0,008	0,019	FALSE
0,005	0,280	0,002	0,007	0,090	FALSE
0,096	0,272	0,002	0,007	0,105	FALSE
0,023	0,285	-0,001	0,010	0,019	FALSE
0,029	0,295	0,000	0,010	0,016	FALSE
0,169	0,291	0,003	0,007	0,194	FALSE
0,203	0,285	0,008	0,012	0,292	FALSE
-0,192	0,274	-0,005	0,009	0,245	FALSE
-0,159	0,294	-0,005	0,011	0,188	FALSE
-0,135	0,292	-0,004	0,010	0,167	FALSE
0,054	0,292	0,001	0,007	0,062	FALSE
-0,074	0,292	0,000	0,010	0,003	FALSE
0,195	0,272	0,007	0,010	0,316	FALSE
-0,065	0,287	-0,003	0,013	0,078	FALSE
-0,050	0,287	-0,001	0,011	0,019	FALSE
-0,083	0,301	-0,001	0,009	0,025	FALSE
-0,031	0,294	0,000	0,010	0,007	FALSE
-0,026	0,298	0,001	0,011	0,020	FALSE
-0,047	0,296	-0,001	0,011	0,018	FALSE
-0,052	0,288	-0,001	0,010	0,025	FALSE
0,088	0,284	0,001	0,007	0,040	FALSE
0,003	0,279	0,000	0,006	0,023	FALSE
0,014	0,279	0,000	0,013	0,006	FALSE
0,084	0,285	0,004	0,013	0,115	FALSE
0,039	0,277	0,003	0,012	0,089	FALSE
-0,019	0,275	-0,002	0,012	0,051	FALSE
-0,116	0,299	-0,004	0,013	0,118	FALSE
0,044	0,280	0,002	0,010	0,069	FALSE
0,090	0,289	0,005	0,013	0,146	FALSE
-0,124	0,294	-0,003	0,009	0,158	FALSE
0,023	0,289	0,002	0,007	0,105	FALSE
-0,075	0,282	-0,002	0,011	0,084	FALSE
-0,022	0,294	0,001	0,010	0,029	FALSE
0,078	0,272	0,004	0,010	0,146	FALSE
0,024	0,290	0,001	0,009	0,038	FALSE
0,010	0,284	0,000	0,009	0,007	FALSE
0,092	0,295	0,003	0,013	0,089	FALSE
0,101	0,295	0,002	0,010	0,081	FALSE
0,091	0,287	0,000	0,007	0,021	FALSE
-0,034	0,297	-0,001	0,008	0,036	FALSE
-0,093	0,287	-0,003	0,009	0,131	FALSE
0,005	0,282	0,001	0,008	0,025	FALSE
-0,051	0,294	-0,002	0,008	0,080	FALSE

-0,019	0,293	-0,001	0,008	0,030	FALSE
-0,066	0,296	-0,003	0,010	0,125	FALSE
-0,008	0,292	0,001	0,008	0,029	FALSE
0,048	0,286	0,002	0,013	0,049	FALSE
-0,057	0,283	-0,002	0,013	0,045	FALSE
-0,010	0,287	0,001	0,008	0,023	FALSE
-0,015	0,304	-0,001	0,012	0,034	FALSE
0,051	0,291	0,001	0,006	0,064	FALSE
-0,065	0,292	-0,001	0,012	0,040	FALSE
0,067	0,288	0,002	0,009	0,100	FALSE
-0,131	0,283	-0,004	0,008	0,195	FALSE
-0,018	0,304	-0,001	0,011	0,019	FALSE
-0,094	0,284	-0,004	0,008	0,196	FALSE
0,151	0,292	0,005	0,008	0,267	FALSE
0,061	0,292	0,004	0,012	0,125	FALSE
0,057	0,290	0,004	0,013	0,131	FALSE
-0,071	0,291	-0,003	0,011	0,117	FALSE
-0,020	0,291	-0,003	0,012	0,093	FALSE
0,100	0,298	0,001	0,008	0,027	FALSE
-0,032	0,293	-0,001	0,006	0,031	FALSE
0,024	0,288	0,001	0,009	0,028	FALSE
0,065	0,294	0,002	0,010	0,070	FALSE
-0,012	0,283	-0,001	0,010	0,031	FALSE
0,043	0,301	0,000	0,008	0,001	FALSE
-0,090	0,283	-0,004	0,012	0,145	FALSE
0,068	0,285	0,003	0,010	0,105	FALSE
-0,077	0,279	-0,003	0,011	0,106	FALSE
0,037	0,290	0,001	0,007	0,028	FALSE
-0,118	0,280	-0,003	0,011	0,104	FALSE
-0,069	0,288	-0,002	0,009	0,080	FALSE
-0,125	0,289	-0,003	0,007	0,171	FALSE
0,075	0,293	0,005	0,012	0,168	FALSE
-0,082	0,298	-0,001	0,006	0,068	FALSE
0,085	0,287	0,001	0,011	0,047	FALSE
-0,089	0,275	-0,004	0,010	0,189	FALSE
0,029	0,288	0,001	0,007	0,034	FALSE
-0,123	0,289	-0,005	0,013	0,153	FALSE
0,116	0,287	0,002	0,007	0,077	FALSE
-0,309	0,269	-0,013	0,012	0,528	FALSE
-0,281	0,265	-0,012	0,012	0,509	FALSE
0,087	0,293	0,003	0,009	0,129	FALSE
0,000	0,281	0,001	0,010	0,020	FALSE
-0,037	0,282	-0,004	0,012	0,133	FALSE
-0,010	0,279	-0,003	0,012	0,092	FALSE
0,027	0,280	0,003	0,012	0,086	FALSE
0,016	0,283	0,002	0,012	0,069	FALSE
-0,085	0,292	-0,002	0,009	0,103	FALSE
0,003	0,289	0,001	0,006	0,030	FALSE
0,151	0,284	0,005	0,011	0,176	FALSE
-0,169	0,265	-0,004	0,011	0,153	FALSE
0,078	0,286	0,002	0,009	0,086	FALSE
0,121	0,301	0,002	0,007	0,135	FALSE
0,068	0,297	0,002	0,008	0,112	FALSE

0,026	0,290	0,002	0,006	0,091	FALSE
-0,057	0,283	-0,003	0,010	0,106	FALSE
-0,164	0,285	-0,004	0,009	0,167	FALSE
0,153	0,288	0,005	0,010	0,185	FALSE
0,046	0,290	0,002	0,007	0,105	FALSE
0,078	0,275	0,000	0,007	0,021	FALSE
0,002	0,293	-0,001	0,012	0,022	FALSE
-0,001	0,303	-0,001	0,013	0,018	FALSE
-0,100	0,286	-0,004	0,008	0,193	FALSE
-0,042	0,288	-0,001	0,008	0,054	FALSE
-0,065	0,291	-0,004	0,009	0,194	FALSE
0,132	0,271	0,008	0,013	0,266	FALSE
0,125	0,282	0,007	0,012	0,251	FALSE
0,156	0,293	0,008	0,012	0,274	FALSE
0,096	0,289	0,005	0,012	0,168	FALSE
-0,035	0,288	-0,001	0,012	0,026	FALSE
-0,046	0,289	-0,002	0,013	0,060	FALSE
-0,116	0,293	-0,004	0,013	0,129	FALSE
0,184	0,271	0,004	0,008	0,216	FALSE
-0,128	0,303	-0,006	0,013	0,202	FALSE
0,169	0,286	0,003	0,008	0,145	FALSE
-0,117	0,283	-0,002	0,013	0,073	FALSE
0,099	0,310	0,002	0,010	0,097	FALSE
-0,041	0,283	-0,002	0,011	0,052	FALSE
-0,096	0,282	-0,003	0,013	0,087	FALSE
-0,130	0,288	-0,003	0,009	0,110	FALSE
-0,002	0,282	0,004	0,013	0,110	FALSE
0,014	0,270	0,005	0,012	0,149	FALSE
-0,038	0,289	-0,003	0,012	0,092	FALSE
0,258	0,272	0,008	0,010	0,410	FALSE
-0,011	0,276	-0,001	0,009	0,047	FALSE
-0,033	0,281	-0,002	0,010	0,090	FALSE
-0,068	0,292	-0,001	0,007	0,071	FALSE
0,232	0,275	0,006	0,009	0,322	FALSE
0,093	0,290	0,005	0,013	0,154	FALSE
-0,131	0,278	-0,004	0,008	0,196	FALSE
-0,011	0,298	-0,001	0,009	0,059	FALSE
-0,032	0,304	-0,002	0,010	0,089	FALSE
-0,043	0,299	-0,003	0,013	0,092	FALSE
-0,161	0,268	-0,002	0,006	0,151	FALSE
-0,151	0,278	-0,005	0,010	0,230	FALSE
-0,157	0,290	-0,005	0,008	0,311	FALSE
-0,005	0,279	0,000	0,008	0,020	FALSE
0,157	0,301	0,004	0,007	0,229	FALSE
-0,016	0,288	-0,002	0,009	0,082	FALSE
-0,030	0,285	-0,001	0,007	0,060	FALSE
-0,034	0,280	-0,002	0,007	0,083	FALSE
-0,129	0,293	-0,003	0,008	0,130	FALSE
0,009	0,282	0,000	0,009	0,000	FALSE
0,053	0,288	0,004	0,012	0,132	FALSE
-0,031	0,301	0,001	0,012	0,044	FALSE
-0,043	0,289	0,000	0,011	0,009	FALSE
-0,153	0,287	-0,007	0,011	0,307	FALSE

0,023	0,302	0,001	0,007	0,030	FALSE
-0,183	0,278	-0,008	0,012	0,303	FALSE
0,049	0,292	0,000	0,009	0,002	FALSE
0,055	0,303	0,000	0,009	0,007	FALSE
-0,112	0,290	-0,003	0,008	0,170	FALSE
0,027	0,304	0,003	0,011	0,089	FALSE
0,020	0,301	0,000	0,009	0,012	FALSE
-0,077	0,287	-0,001	0,007	0,080	FALSE
-0,042	0,293	-0,002	0,013	0,070	FALSE
-0,081	0,298	-0,003	0,013	0,088	FALSE
-0,061	0,279	-0,001	0,008	0,033	FALSE
0,046	0,298	0,001	0,008	0,041	FALSE
0,011	0,293	0,000	0,007	0,010	FALSE
0,069	0,295	0,001	0,008	0,066	FALSE
0,099	0,293	0,004	0,011	0,128	FALSE
0,060	0,298	0,001	0,008	0,062	FALSE
-0,006	0,294	0,000	0,011	0,012	FALSE
0,070	0,281	0,001	0,013	0,026	FALSE
0,067	0,314	0,001	0,011	0,042	FALSE
0,076	0,287	0,002	0,013	0,072	FALSE
0,013	0,287	-0,001	0,011	0,047	FALSE
0,033	0,281	0,001	0,012	0,045	FALSE
-0,032	0,286	0,000	0,008	0,022	FALSE
0,063	0,286	0,003	0,013	0,078	FALSE
0,101	0,303	0,002	0,007	0,093	FALSE
0,150	0,285	0,005	0,010	0,210	FALSE
0,155	0,281	0,004	0,010	0,168	FALSE
-0,025	0,299	-0,001	0,009	0,063	FALSE
-0,004	0,283	0,000	0,012	0,013	FALSE
-0,089	0,291	-0,002	0,007	0,098	FALSE
-0,062	0,282	-0,001	0,007	0,083	FALSE
0,004	0,276	0,002	0,010	0,065	FALSE
-0,125	0,281	-0,003	0,006	0,162	FALSE
-0,075	0,288	-0,001	0,012	0,041	FALSE
-0,139	0,295	-0,005	0,010	0,216	FALSE
0,046	0,278	0,001	0,011	0,042	FALSE
-0,071	0,288	-0,002	0,012	0,059	FALSE
-0,092	0,300	-0,002	0,007	0,103	FALSE
0,023	0,277	0,001	0,011	0,027	FALSE
-0,033	0,276	-0,002	0,010	0,074	FALSE
-0,003	0,295	-0,001	0,009	0,055	FALSE
0,063	0,288	0,001	0,008	0,042	FALSE
0,013	0,293	0,001	0,011	0,043	FALSE
0,044	0,287	0,001	0,009	0,053	FALSE
0,007	0,285	-0,002	0,007	0,093	FALSE
-0,056	0,295	-0,001	0,012	0,036	FALSE
0,107	0,288	0,002	0,006	0,166	FALSE
-0,068	0,288	-0,002	0,007	0,092	FALSE
0,133	0,293	0,005	0,012	0,171	FALSE
-0,033	0,295	-0,002	0,010	0,091	FALSE
0,093	0,295	0,003	0,013	0,088	FALSE
-0,041	0,293	-0,001	0,008	0,033	FALSE
0,112	0,282	0,004	0,010	0,179	FALSE

0,019	0,287	-0,001	0,006	0,037	FALSE
0,029	0,300	0,003	0,011	0,112	FALSE
0,059	0,293	0,003	0,013	0,098	FALSE
-0,022	0,284	-0,001	0,007	0,029	FALSE
0,010	0,288	-0,001	0,012	0,019	FALSE
0,040	0,306	0,002	0,011	0,068	FALSE
-0,066	0,296	-0,001	0,010	0,053	FALSE
-0,080	0,292	-0,004	0,011	0,143	FALSE
-0,078	0,301	-0,001	0,008	0,065	FALSE
-0,064	0,293	-0,002	0,007	0,112	FALSE
0,064	0,303	0,003	0,013	0,072	FALSE
-0,077	0,292	-0,002	0,010	0,067	FALSE
-0,041	0,293	-0,001	0,007	0,048	FALSE
-0,033	0,290	-0,001	0,009	0,036	FALSE
0,155	0,297	0,003	0,007	0,160	FALSE
-0,001	0,284	0,000	0,008	0,018	FALSE
0,007	0,301	0,001	0,008	0,044	FALSE
-0,243	0,271	-0,005	0,007	0,316	FALSE
-0,004	0,296	0,000	0,007	0,003	FALSE
-0,167	0,293	-0,003	0,007	0,188	FALSE
0,165	0,277	0,004	0,010	0,183	FALSE
0,086	0,281	0,002	0,008	0,084	FALSE
0,098	0,297	0,002	0,006	0,121	FALSE
-0,022	0,286	-0,002	0,013	0,066	FALSE
-0,138	0,282	-0,004	0,008	0,226	FALSE
0,094	0,282	0,003	0,011	0,126	FALSE
-0,048	0,289	0,000	0,011	0,000	FALSE
-0,094	0,284	-0,004	0,011	0,128	FALSE
-0,101	0,297	-0,003	0,008	0,117	FALSE
-0,056	0,290	-0,001	0,008	0,042	FALSE
-0,017	0,297	-0,001	0,012	0,045	FALSE
-0,051	0,293	-0,001	0,008	0,043	FALSE
-0,061	0,293	-0,003	0,013	0,098	FALSE
0,040	0,293	0,001	0,011	0,024	FALSE
-0,104	0,280	-0,004	0,008	0,216	FALSE
0,000	0,303	0,000	0,012	0,003	FALSE
0,018	0,273	0,002	0,010	0,082	FALSE
-0,095	0,280	-0,002	0,006	0,139	FALSE
-0,225	0,287	-0,005	0,007	0,305	FALSE
-0,167	0,286	-0,004	0,007	0,222	FALSE
0,246	0,279	0,007	0,009	0,361	FALSE
0,201	0,288	0,004	0,006	0,281	FALSE
-0,055	0,283	-0,003	0,009	0,146	FALSE
-0,106	0,286	-0,003	0,008	0,137	FALSE
-0,199	0,278	-0,006	0,010	0,269	FALSE
-0,034	0,286	-0,004	0,012	0,125	FALSE
-0,069	0,275	-0,002	0,012	0,050	FALSE
0,032	0,291	0,001	0,009	0,054	FALSE
-0,040	0,283	0,000	0,009	0,012	FALSE
0,028	0,306	0,001	0,012	0,021	FALSE
0,006	0,296	0,001	0,006	0,069	FALSE
-0,036	0,291	0,000	0,008	0,012	FALSE
0,058	0,305	0,001	0,009	0,060	FALSE

-0,161	0,275	-0,004	0,008	0,231	FALSE
-0,057	0,284	0,000	0,009	0,018	FALSE
0,071	0,285	0,003	0,010	0,134	FALSE
0,049	0,269	0,001	0,008	0,069	FALSE
0,009	0,280	0,000	0,008	0,007	FALSE
-0,071	0,295	-0,004	0,013	0,129	FALSE
-0,095	0,299	-0,002	0,007	0,100	FALSE
-0,111	0,283	-0,005	0,011	0,186	FALSE
-0,109	0,306	-0,005	0,012	0,182	FALSE
-0,036	0,286	-0,001	0,006	0,033	FALSE
0,039	0,287	0,001	0,008	0,029	FALSE
-0,085	0,293	-0,003	0,010	0,130	FALSE
0,039	0,286	0,000	0,009	0,003	FALSE
-0,008	0,291	-0,001	0,009	0,043	FALSE
0,079	0,293	0,002	0,007	0,121	FALSE
-0,105	0,285	-0,002	0,006	0,124	FALSE
0,038	0,303	0,001	0,007	0,062	FALSE
-0,249	0,279	-0,004	0,007	0,301	FALSE
-0,048	0,288	-0,001	0,008	0,041	FALSE
0,039	0,285	0,001	0,013	0,023	FALSE
0,102	0,294	0,002	0,006	0,095	FALSE
-0,051	0,298	-0,001	0,007	0,058	FALSE
0,009	0,278	0,002	0,008	0,108	FALSE
-0,085	0,291	-0,004	0,009	0,182	FALSE
-0,029	0,288	-0,003	0,012	0,081	FALSE
-0,160	0,284	-0,004	0,009	0,182	FALSE
-0,176	0,292	-0,004	0,006	0,258	FALSE
0,075	0,306	0,003	0,010	0,101	FALSE
-0,045	0,286	-0,002	0,012	0,062	FALSE
-0,082	0,286	-0,004	0,012	0,118	FALSE
0,080	0,288	0,002	0,010	0,089	FALSE
0,048	0,271	0,001	0,010	0,050	FALSE
-0,090	0,291	-0,004	0,012	0,131	FALSE
-0,002	0,299	0,002	0,010	0,057	FALSE
0,001	0,298	0,000	0,008	0,009	FALSE
-0,002	0,286	0,000	0,007	0,003	FALSE
-0,056	0,297	-0,001	0,007	0,052	FALSE
-0,178	0,273	-0,004	0,008	0,210	FALSE
-0,209	0,274	-0,005	0,008	0,278	FALSE
-0,037	0,294	-0,001	0,012	0,044	FALSE
0,097	0,283	0,005	0,012	0,150	FALSE
0,013	0,287	0,001	0,007	0,029	FALSE
-0,077	0,274	-0,003	0,007	0,164	FALSE
0,022	0,284	0,000	0,012	0,002	FALSE
-0,100	0,296	-0,002	0,008	0,114	FALSE
-0,086	0,286	-0,002	0,008	0,087	FALSE
-0,125	0,267	-0,002	0,007	0,118	FALSE
0,123	0,288	0,004	0,010	0,168	FALSE
-0,077	0,290	-0,002	0,012	0,072	FALSE
0,086	0,288	0,004	0,012	0,120	FALSE
0,094	0,282	0,004	0,012	0,137	FALSE
0,101	0,295	0,003	0,009	0,149	FALSE
0,103	0,294	0,004	0,013	0,111	FALSE

-0,005	0,294	-0,001	0,006	0,043	FALSE
0,049	0,297	0,004	0,014	0,124	FALSE
-0,150	0,285	-0,005	0,008	0,260	FALSE
-0,054	0,288	-0,002	0,012	0,050	FALSE
-0,005	0,291	0,000	0,012	0,013	FALSE
-0,012	0,290	0,000	0,012	0,005	FALSE
-0,010	0,299	0,000	0,012	0,009	FALSE
-0,014	0,292	0,001	0,013	0,037	FALSE
-0,017	0,284	0,000	0,012	0,005	FALSE
0,059	0,289	0,000	0,007	0,013	FALSE
0,051	0,276	0,001	0,012	0,024	FALSE
0,014	0,298	0,001	0,012	0,015	FALSE
-0,031	0,294	-0,003	0,012	0,115	FALSE
-0,160	0,299	-0,005	0,010	0,203	FALSE
0,058	0,291	0,002	0,012	0,056	FALSE
-0,140	0,287	-0,007	0,012	0,253	FALSE
0,021	0,287	0,001	0,012	0,037	FALSE
-0,014	0,292	-0,001	0,010	0,026	FALSE
-0,045	0,296	-0,002	0,013	0,058	FALSE
0,096	0,292	0,003	0,011	0,096	FALSE
0,034	0,284	0,002	0,008	0,083	FALSE
-0,026	0,287	-0,001	0,007	0,040	FALSE
-0,123	0,281	-0,006	0,013	0,207	FALSE
-0,039	0,286	-0,001	0,007	0,035	FALSE
0,047	0,272	0,004	0,009	0,168	FALSE
0,122	0,293	0,004	0,008	0,178	FALSE
-0,127	0,295	-0,006	0,013	0,212	FALSE
-0,132	0,286	-0,003	0,007	0,143	FALSE
-0,188	0,290	-0,005	0,009	0,232	FALSE
0,052	0,289	0,001	0,007	0,053	FALSE
0,114	0,289	0,004	0,011	0,140	FALSE
0,171	0,275	0,005	0,010	0,201	FALSE
-0,028	0,293	-0,002	0,008	0,105	FALSE
0,015	0,293	-0,001	0,008	0,065	FALSE
-0,085	0,291	-0,002	0,009	0,073	FALSE
-0,067	0,301	-0,002	0,014	0,052	FALSE
0,025	0,294	-0,001	0,013	0,016	FALSE
-0,022	0,307	-0,001	0,013	0,017	FALSE
0,095	0,293	0,002	0,010	0,067	FALSE
-0,024	0,300	-0,001	0,011	0,038	FALSE
0,072	0,296	0,004	0,012	0,133	FALSE
0,128	0,284	0,002	0,006	0,148	FALSE
0,075	0,282	0,003	0,007	0,205	FALSE
0,072	0,283	0,000	0,010	0,008	FALSE
0,044	0,301	0,003	0,011	0,122	FALSE
0,117	0,290	0,006	0,010	0,227	FALSE
0,056	0,279	0,000	0,007	0,020	FALSE
0,050	0,293	0,002	0,012	0,059	FALSE
0,089	0,287	0,004	0,012	0,119	FALSE
0,139	0,288	0,004	0,007	0,266	FALSE
0,164	0,294	0,005	0,008	0,281	FALSE
-0,169	0,269	-0,003	0,008	0,151	FALSE
0,019	0,303	0,001	0,008	0,050	FALSE

-0,143	0,292	-0,004	0,007	0,264	FALSE
-0,014	0,286	0,000	0,007	0,002	FALSE
0,185	0,279	0,006	0,008	0,330	FALSE
0,112	0,284	0,002	0,010	0,088	FALSE
0,091	0,301	0,003	0,008	0,134	FALSE
-0,105	0,280	-0,002	0,009	0,073	FALSE
-0,048	0,294	-0,003	0,009	0,130	FALSE
-0,144	0,300	-0,003	0,009	0,157	FALSE
0,011	0,278	0,001	0,006	0,031	FALSE
0,091	0,302	0,002	0,007	0,096	FALSE
-0,045	0,290	-0,002	0,008	0,097	FALSE
-0,032	0,301	-0,002	0,008	0,082	FALSE
-0,064	0,286	-0,002	0,008	0,083	FALSE
0,119	0,299	0,005	0,010	0,208	FALSE
-0,208	0,273	-0,007	0,011	0,285	FALSE
0,065	0,288	0,002	0,012	0,069	FALSE
-0,080	0,284	-0,003	0,012	0,088	FALSE
-0,031	0,299	-0,001	0,008	0,074	FALSE
0,016	0,296	0,001	0,009	0,056	FALSE
-0,090	0,282	-0,003	0,012	0,095	FALSE
0,055	0,275	0,001	0,011	0,021	FALSE
-0,033	0,297	-0,001	0,007	0,037	FALSE
-0,050	0,299	-0,001	0,007	0,055	FALSE
-0,056	0,285	-0,002	0,009	0,075	FALSE
0,010	0,286	0,002	0,012	0,074	FALSE
0,019	0,289	-0,001	0,006	0,081	FALSE
0,052	0,307	0,002	0,010	0,061	FALSE
0,068	0,291	0,002	0,007	0,133	FALSE
0,075	0,285	0,000	0,006	0,000	FALSE
0,026	0,283	0,000	0,011	0,013	FALSE
0,100	0,295	0,003	0,011	0,100	FALSE
0,074	0,306	0,002	0,011	0,061	FALSE
-0,048	0,285	-0,005	0,011	0,186	FALSE
0,022	0,289	0,002	0,012	0,056	FALSE
-0,068	0,292	-0,002	0,008	0,093	FALSE
-0,066	0,294	-0,001	0,007	0,043	FALSE
-0,123	0,286	-0,003	0,007	0,152	FALSE
-0,178	0,279	-0,004	0,010	0,184	FALSE
0,112	0,296	0,002	0,006	0,104	FALSE
0,006	0,287	-0,001	0,007	0,045	FALSE
0,019	0,280	0,000	0,007	0,019	FALSE
0,008	0,297	0,002	0,011	0,054	FALSE
0,186	0,289	0,005	0,010	0,209	FALSE
0,028	0,297	0,002	0,013	0,046	FALSE
0,027	0,289	0,000	0,008	0,004	FALSE
0,123	0,289	0,005	0,010	0,186	FALSE
0,066	0,289	0,003	0,012	0,083	FALSE
0,051	0,297	0,004	0,011	0,144	FALSE
0,041	0,286	0,003	0,011	0,120	FALSE
0,023	0,293	0,001	0,013	0,019	FALSE
-0,023	0,280	0,001	0,007	0,030	FALSE
-0,083	0,291	-0,001	0,007	0,064	FALSE
0,036	0,279	0,001	0,007	0,053	FALSE

0,102	0,280	0,002	0,007	0,121	FALSE
-0,020	0,295	0,001	0,010	0,020	FALSE
-0,170	0,285	-0,007	0,011	0,308	FALSE
-0,075	0,291	-0,001	0,010	0,041	FALSE
-0,023	0,286	-0,001	0,012	0,036	FALSE
-0,002	0,297	-0,002	0,008	0,109	FALSE
-0,048	0,288	-0,003	0,012	0,103	FALSE
-0,096	0,282	-0,004	0,010	0,186	FALSE
-0,014	0,305	-0,002	0,009	0,084	FALSE
-0,068	0,294	-0,003	0,009	0,115	FALSE
0,123	0,287	0,007	0,013	0,226	FALSE
-0,103	0,275	-0,005	0,012	0,182	FALSE
0,079	0,284	0,001	0,006	0,063	FALSE
0,045	0,288	0,000	0,006	0,007	FALSE
0,111	0,285	0,003	0,006	0,167	FALSE
0,170	0,281	0,003	0,012	0,113	FALSE
0,132	0,281	0,002	0,008	0,102	FALSE
0,017	0,292	0,000	0,008	0,020	FALSE
0,194	0,286	0,007	0,011	0,279	FALSE
0,016	0,288	-0,001	0,012	0,022	FALSE
0,020	0,278	0,001	0,008	0,023	FALSE
0,029	0,287	0,000	0,009	0,000	FALSE
0,028	0,280	0,000	0,010	0,000	FALSE
0,009	0,287	0,000	0,007	0,005	FALSE
0,111	0,278	0,005	0,009	0,206	FALSE
0,020	0,283	0,000	0,007	0,011	FALSE
0,085	0,294	0,001	0,007	0,059	FALSE
0,006	0,298	0,000	0,007	0,014	FALSE
0,151	0,288	0,005	0,009	0,242	FALSE
0,035	0,296	0,001	0,009	0,024	FALSE
-0,184	0,288	-0,008	0,013	0,279	FALSE
0,059	0,292	0,000	0,008	0,006	FALSE
0,113	0,278	0,005	0,012	0,153	FALSE
0,057	0,299	0,000	0,009	0,003	FALSE
0,016	0,293	0,000	0,008	0,008	FALSE
-0,063	0,280	0,000	0,011	0,001	FALSE
-0,107	0,279	-0,003	0,007	0,161	FALSE
0,032	0,281	0,000	0,007	0,014	FALSE
-0,113	0,296	-0,003	0,013	0,089	FALSE
-0,148	0,293	-0,004	0,008	0,193	FALSE
-0,013	0,296	-0,001	0,007	0,029	FALSE
-0,019	0,297	-0,001	0,009	0,031	FALSE
0,026	0,298	0,001	0,007	0,025	FALSE
0,068	0,274	0,003	0,010	0,103	FALSE
0,019	0,301	0,003	0,011	0,093	FALSE
0,088	0,305	0,003	0,011	0,113	FALSE
-0,212	0,278	-0,010	0,013	0,361	FALSE
0,104	0,281	0,003	0,008	0,117	FALSE
0,086	0,296	0,002	0,008	0,073	FALSE
0,065	0,289	0,002	0,008	0,085	FALSE
-0,103	0,289	-0,003	0,007	0,193	FALSE
0,034	0,298	0,001	0,008	0,045	FALSE
0,081	0,283	0,001	0,010	0,052	FALSE

0,090	0,286	0,001	0,010	0,045	FALSE
0,068	0,282	0,002	0,009	0,077	FALSE
-0,045	0,295	-0,004	0,013	0,112	FALSE
0,147	0,290	0,004	0,007	0,227	FALSE
-0,091	0,294	-0,004	0,012	0,122	FALSE
0,151	0,285	0,005	0,009	0,235	FALSE
-0,053	0,296	-0,001	0,011	0,050	FALSE
0,003	0,269	-0,003	0,013	0,085	FALSE
0,028	0,283	0,000	0,006	0,026	FALSE
0,001	0,287	0,000	0,011	0,009	FALSE
0,064	0,290	0,002	0,009	0,100	FALSE
-0,173	0,287	-0,006	0,009	0,305	FALSE
-0,126	0,289	-0,003	0,010	0,113	FALSE
-0,128	0,286	-0,006	0,011	0,232	FALSE
-0,015	0,290	-0,001	0,007	0,050	FALSE
-0,016	0,292	0,000	0,006	0,017	FALSE
-0,071	0,293	-0,002	0,012	0,053	FALSE
-0,024	0,282	-0,001	0,012	0,038	FALSE
0,060	0,289	0,002	0,008	0,069	FALSE
0,029	0,298	0,001	0,013	0,032	FALSE
0,016	0,294	0,001	0,012	0,016	FALSE
0,048	0,295	0,002	0,013	0,069	FALSE
-0,030	0,289	-0,001	0,012	0,023	FALSE
0,034	0,300	0,001	0,007	0,067	FALSE
-0,100	0,283	-0,002	0,007	0,090	FALSE
0,017	0,305	0,000	0,009	0,000	FALSE
0,021	0,296	0,001	0,009	0,047	FALSE
-0,090	0,298	-0,002	0,007	0,115	FALSE
-0,025	0,285	0,000	0,011	0,002	FALSE
-0,024	0,287	-0,003	0,011	0,106	FALSE
-0,018	0,298	0,000	0,007	0,021	FALSE
-0,072	0,286	-0,004	0,013	0,137	FALSE
-0,006	0,281	0,000	0,010	0,004	FALSE
-0,107	0,296	-0,005	0,011	0,175	FALSE
0,021	0,298	0,001	0,006	0,037	FALSE
0,125	0,294	0,003	0,008	0,167	FALSE
-0,309	0,271	-0,007	0,007	0,436	FALSE
-0,059	0,291	-0,003	0,010	0,096	FALSE
-0,002	0,287	0,000	0,012	0,002	FALSE
0,068	0,291	0,002	0,010	0,072	FALSE
0,051	0,298	0,002	0,010	0,058	FALSE
0,116	0,294	0,005	0,013	0,153	FALSE
-0,199	0,282	-0,004	0,007	0,246	FALSE
0,060	0,296	0,003	0,013	0,078	FALSE
0,031	0,299	0,003	0,013	0,082	FALSE
0,032	0,306	0,000	0,007	0,008	FALSE
0,012	0,286	-0,001	0,007	0,042	FALSE
-0,050	0,308	-0,002	0,013	0,049	FALSE
-0,056	0,295	-0,002	0,013	0,044	FALSE
0,022	0,290	0,000	0,007	0,017	FALSE
0,050	0,303	0,001	0,007	0,035	FALSE
-0,014	0,292	-0,001	0,008	0,025	FALSE
-0,143	0,280	-0,004	0,011	0,171	FALSE

0,019	0,277	0,002	0,012	0,069	FALSE
0,030	0,295	0,002	0,012	0,046	FALSE
-0,061	0,285	-0,003	0,013	0,076	FALSE
-0,069	0,305	-0,004	0,013	0,103	FALSE
-0,084	0,297	-0,001	0,008	0,066	FALSE
-0,066	0,289	-0,003	0,012	0,111	FALSE
-0,111	0,287	-0,005	0,012	0,184	FALSE
0,110	0,286	0,004	0,009	0,178	FALSE
0,112	0,291	0,004	0,009	0,190	FALSE
0,003	0,282	0,001	0,010	0,047	FALSE
-0,034	0,293	-0,002	0,012	0,070	FALSE
0,033	0,278	0,000	0,006	0,015	FALSE
-0,167	0,290	-0,005	0,013	0,153	FALSE
0,083	0,273	0,001	0,007	0,039	FALSE
0,130	0,277	0,006	0,012	0,191	FALSE
0,115	0,276	0,002	0,009	0,110	FALSE
0,042	0,285	0,001	0,006	0,078	FALSE
-0,169	0,292	-0,006	0,011	0,237	FALSE
-0,011	0,310	-0,001	0,011	0,028	FALSE
-0,003	0,281	0,002	0,011	0,054	FALSE
0,041	0,289	0,003	0,011	0,102	FALSE
0,024	0,293	0,002	0,010	0,057	FALSE
0,034	0,292	0,002	0,013	0,047	FALSE
-0,015	0,279	0,000	0,008	0,010	FALSE
-0,123	0,296	-0,004	0,013	0,125	FALSE
-0,084	0,303	-0,002	0,011	0,078	FALSE
-0,057	0,303	-0,001	0,010	0,044	FALSE
-0,150	0,290	-0,005	0,010	0,193	FALSE
-0,102	0,307	-0,003	0,011	0,116	FALSE
-0,125	0,280	-0,004	0,009	0,167	FALSE
-0,064	0,301	-0,003	0,009	0,105	FALSE
-0,015	0,297	0,001	0,010	0,027	FALSE
-0,056	0,294	-0,002	0,008	0,094	FALSE
-0,073	0,295	-0,002	0,012	0,055	FALSE
0,049	0,283	0,000	0,007	0,013	FALSE
-0,108	0,285	-0,003	0,012	0,107	FALSE
0,033	0,284	0,001	0,013	0,034	FALSE
-0,146	0,290	-0,004	0,008	0,229	FALSE
0,028	0,285	0,000	0,011	0,011	FALSE
0,035	0,292	0,001	0,008	0,032	FALSE
-0,013	0,285	-0,001	0,008	0,022	FALSE
-0,017	0,286	-0,002	0,008	0,069	FALSE
-0,050	0,272	-0,002	0,008	0,092	FALSE
0,009	0,291	0,000	0,007	0,023	FALSE
0,027	0,295	0,001	0,010	0,032	FALSE
-0,119	0,284	-0,002	0,006	0,094	FALSE
-0,015	0,281	-0,001	0,013	0,016	FALSE
0,068	0,293	0,002	0,007	0,116	FALSE
-0,052	0,286	-0,002	0,007	0,114	FALSE
0,071	0,281	0,004	0,013	0,115	FALSE
-0,112	0,281	-0,004	0,012	0,138	FALSE
-0,097	0,292	-0,003	0,012	0,103	FALSE
0,127	0,291	0,002	0,008	0,122	FALSE

0,029	0,304	0,003	0,013	0,076	FALSE
-0,169	0,294	-0,004	0,008	0,203	FALSE
-0,214	0,283	-0,004	0,007	0,245	FALSE
0,135	0,296	0,002	0,007	0,134	FALSE
-0,072	0,302	-0,003	0,008	0,142	FALSE
-0,062	0,295	-0,002	0,013	0,055	FALSE
0,091	0,295	0,003	0,010	0,131	FALSE
0,098	0,300	0,003	0,010	0,122	FALSE
0,136	0,283	0,005	0,011	0,196	FALSE
-0,072	0,293	-0,003	0,013	0,076	FALSE
0,079	0,289	0,001	0,009	0,032	FALSE
0,072	0,300	0,003	0,009	0,160	FALSE
-0,011	0,290	-0,003	0,010	0,105	FALSE
0,053	0,297	0,003	0,012	0,079	FALSE
-0,198	0,279	-0,007	0,011	0,263	FALSE
-0,064	0,298	-0,003	0,010	0,109	FALSE
-0,007	0,287	-0,001	0,008	0,050	FALSE
-0,056	0,281	-0,002	0,008	0,114	FALSE
0,035	0,305	0,002	0,013	0,062	FALSE
-0,051	0,295	0,000	0,011	0,011	FALSE
0,065	0,279	0,000	0,013	0,010	FALSE
-0,006	0,280	0,001	0,009	0,023	FALSE
0,097	0,286	0,002	0,013	0,057	FALSE
-0,111	0,272	-0,003	0,006	0,171	FALSE
-0,019	0,298	0,000	0,013	0,008	FALSE
0,115	0,290	0,003	0,011	0,112	FALSE
-0,066	0,291	-0,002	0,007	0,083	FALSE
0,127	0,289	0,003	0,007	0,185	FALSE
0,026	0,297	0,000	0,008	0,004	FALSE
0,026	0,280	0,000	0,011	0,004	FALSE
0,092	0,287	0,003	0,009	0,141	FALSE
0,067	0,290	0,003	0,012	0,112	FALSE
0,044	0,296	0,000	0,008	0,007	FALSE
-0,071	0,290	-0,002	0,012	0,068	FALSE
-0,047	0,296	-0,001	0,007	0,044	FALSE
0,051	0,303	0,001	0,009	0,058	FALSE
0,076	0,286	0,001	0,013	0,034	FALSE
0,001	0,295	-0,001	0,013	0,021	FALSE
0,023	0,283	0,002	0,009	0,064	FALSE
-0,052	0,284	-0,003	0,010	0,131	FALSE
-0,038	0,296	-0,002	0,008	0,088	FALSE
0,105	0,289	0,004	0,010	0,183	FALSE
-0,108	0,284	-0,003	0,010	0,098	FALSE
0,069	0,291	0,005	0,012	0,181	FALSE
0,013	0,295	0,003	0,013	0,084	FALSE
0,024	0,286	0,001	0,007	0,049	FALSE
-0,081	0,286	-0,001	0,010	0,046	FALSE
-0,040	0,296	-0,003	0,011	0,090	FALSE
0,095	0,291	0,004	0,012	0,126	FALSE
-0,052	0,290	0,000	0,011	0,016	FALSE
0,078	0,286	0,003	0,011	0,087	FALSE
-0,071	0,288	-0,002	0,011	0,052	FALSE
0,062	0,295	0,003	0,013	0,105	FALSE

-0,050	0,289	-0,002	0,009	0,076	FALSE
0,095	0,293	0,003	0,011	0,114	FALSE
0,080	0,281	0,004	0,011	0,126	FALSE
0,014	0,300	0,001	0,009	0,054	FALSE
0,054	0,290	0,002	0,011	0,053	FALSE
-0,074	0,286	-0,002	0,007	0,082	FALSE
0,087	0,291	0,002	0,009	0,088	FALSE
-0,003	0,283	0,001	0,012	0,020	FALSE
-0,018	0,289	0,000	0,012	0,000	FALSE
-0,024	0,287	-0,003	0,012	0,088	FALSE
0,004	0,293	0,002	0,011	0,058	FALSE
0,016	0,280	0,003	0,012	0,097	FALSE
-0,085	0,301	-0,001	0,007	0,053	FALSE
-0,081	0,287	-0,002	0,009	0,068	FALSE
-0,052	0,290	-0,004	0,011	0,148	FALSE
0,002	0,301	-0,001	0,011	0,023	FALSE
0,031	0,295	0,001	0,011	0,040	FALSE
0,028	0,292	0,000	0,008	0,012	FALSE
0,104	0,290	0,001	0,010	0,052	FALSE
0,060	0,278	0,002	0,006	0,147	FALSE
-0,142	0,281	-0,002	0,006	0,114	FALSE
0,007	0,280	0,001	0,010	0,025	FALSE
0,094	0,287	0,002	0,010	0,076	FALSE
0,091	0,284	0,003	0,010	0,127	FALSE
0,012	0,280	-0,002	0,007	0,101	FALSE
0,041	0,280	0,002	0,008	0,081	FALSE
-0,098	0,288	-0,004	0,009	0,163	FALSE
0,031	0,304	0,001	0,011	0,027	FALSE
0,001	0,300	0,001	0,013	0,036	FALSE
0,073	0,302	0,003	0,012	0,079	FALSE
-0,002	0,290	0,001	0,010	0,030	FALSE
-0,040	0,271	-0,001	0,011	0,043	FALSE
0,108	0,303	0,004	0,010	0,161	FALSE
-0,019	0,303	-0,002	0,013	0,042	FALSE
0,009	0,287	0,001	0,009	0,027	FALSE
0,052	0,287	0,001	0,006	0,050	FALSE
0,067	0,294	0,002	0,010	0,065	FALSE
0,045	0,287	0,001	0,008	0,056	FALSE
0,033	0,289	0,001	0,007	0,073	FALSE
0,017	0,283	0,000	0,007	0,008	FALSE
0,096	0,293	0,005	0,010	0,197	FALSE
-0,035	0,297	-0,001	0,007	0,068	FALSE
-0,132	0,272	-0,004	0,008	0,230	FALSE
-0,068	0,288	-0,002	0,007	0,095	FALSE
0,023	0,275	0,000	0,010	0,007	FALSE
0,015	0,292	0,000	0,007	0,010	FALSE
-0,057	0,298	0,000	0,013	0,008	FALSE
0,115	0,289	0,004	0,009	0,188	FALSE
0,069	0,286	0,002	0,007	0,089	FALSE
-0,042	0,297	-0,002	0,011	0,087	FALSE
0,040	0,284	0,003	0,013	0,095	FALSE
0,090	0,287	0,001	0,011	0,044	FALSE
0,172	0,284	0,004	0,007	0,216	FALSE

-0,029	0,294	0,000	0,008	0,011	FALSE
-0,042	0,284	-0,002	0,007	0,098	FALSE
0,130	0,280	0,004	0,007	0,211	FALSE
0,013	0,292	0,002	0,010	0,060	FALSE
-0,072	0,288	-0,002	0,011	0,064	FALSE
-0,022	0,285	0,000	0,006	0,003	FALSE
-0,015	0,282	0,000	0,008	0,016	FALSE
0,076	0,289	0,002	0,011	0,050	FALSE
-0,039	0,293	-0,001	0,011	0,031	FALSE
-0,108	0,306	-0,004	0,013	0,110	FALSE
0,093	0,295	0,003	0,011	0,128	FALSE
-0,149	0,283	-0,003	0,010	0,116	FALSE
-0,054	0,291	-0,003	0,011	0,089	FALSE
-0,037	0,286	-0,001	0,010	0,054	FALSE
0,064	0,292	0,001	0,009	0,056	FALSE
0,050	0,289	0,001	0,008	0,028	FALSE
-0,117	0,280	-0,004	0,009	0,174	FALSE
0,014	0,284	0,000	0,007	0,002	FALSE
-0,070	0,288	-0,002	0,012	0,068	FALSE
0,014	0,287	0,003	0,012	0,097	FALSE
-0,023	0,289	0,001	0,012	0,043	FALSE
-0,032	0,296	-0,002	0,010	0,070	FALSE
0,052	0,304	-0,001	0,008	0,026	FALSE
0,071	0,301	0,000	0,008	0,006	FALSE
-0,011	0,276	0,000	0,012	0,009	FALSE
0,066	0,292	0,003	0,010	0,119	FALSE
-0,059	0,271	0,000	0,011	0,003	FALSE
0,050	0,293	0,002	0,011	0,084	FALSE
-0,041	0,293	-0,001	0,008	0,056	FALSE
-0,011	0,293	-0,001	0,007	0,056	FALSE
0,065	0,298	0,002	0,007	0,089	FALSE
-0,023	0,280	-0,001	0,008	0,038	FALSE
-0,152	0,282	-0,006	0,010	0,264	FALSE
-0,042	0,308	0,000	0,013	0,004	FALSE
0,085	0,295	0,003	0,013	0,074	FALSE
-0,100	0,282	-0,002	0,008	0,120	FALSE
0,043	0,281	0,000	0,012	0,005	FALSE
0,031	0,287	0,000	0,006	0,003	FALSE
0,011	0,308	-0,001	0,008	0,032	FALSE
0,065	0,284	0,001	0,006	0,029	FALSE
0,019	0,286	0,000	0,007	0,004	FALSE
-0,206	0,275	-0,007	0,010	0,329	FALSE
0,070	0,295	0,002	0,007	0,101	FALSE
0,130	0,290	0,002	0,007	0,100	FALSE
0,157	0,284	0,003	0,007	0,140	FALSE
-0,017	0,297	-0,001	0,008	0,026	FALSE
-0,009	0,277	-0,001	0,011	0,022	FALSE
0,021	0,294	0,000	0,008	0,011	FALSE
0,046	0,277	0,001	0,013	0,034	FALSE
0,017	0,284	-0,001	0,006	0,049	FALSE
0,006	0,287	-0,001	0,007	0,061	FALSE
-0,018	0,280	-0,002	0,006	0,101	FALSE
-0,013	0,265	-0,003	0,009	0,145	FALSE

0,142	0,284	0,003	0,012	0,097	FALSE
0,094	0,298	0,004	0,012	0,127	FALSE
0,079	0,288	0,002	0,006	0,107	FALSE
0,038	0,273	-0,002	0,010	0,084	FALSE
0,200	0,285	0,006	0,012	0,194	FALSE
-0,010	0,287	0,000	0,010	0,009	FALSE
-0,010	0,300	0,000	0,011	0,010	FALSE
0,072	0,277	0,003	0,007	0,175	FALSE
-0,031	0,297	0,000	0,007	0,024	FALSE
0,075	0,297	0,003	0,013	0,080	FALSE
-0,100	0,290	-0,002	0,009	0,102	FALSE
0,021	0,289	0,002	0,012	0,070	FALSE
0,005	0,302	-0,001	0,007	0,031	FALSE
-0,157	0,285	-0,004	0,008	0,202	FALSE
-0,062	0,296	-0,001	0,008	0,034	FALSE
0,089	0,284	0,001	0,010	0,044	FALSE
0,022	0,292	-0,001	0,010	0,040	FALSE
-0,107	0,301	-0,003	0,007	0,156	FALSE
-0,008	0,288	0,001	0,012	0,017	FALSE
-0,070	0,281	-0,001	0,009	0,034	FALSE
-0,094	0,281	-0,001	0,009	0,062	FALSE
-0,056	0,284	-0,002	0,007	0,099	FALSE
-0,126	0,285	-0,003	0,007	0,200	FALSE
-0,068	0,288	-0,002	0,008	0,076	FALSE
-0,006	0,309	-0,002	0,010	0,066	FALSE
-0,061	0,287	-0,002	0,007	0,095	FALSE
-0,058	0,282	-0,002	0,007	0,110	FALSE
0,038	0,281	-0,002	0,013	0,066	FALSE
-0,075	0,281	-0,003	0,009	0,145	FALSE
0,013	0,275	0,001	0,007	0,068	FALSE
0,078	0,287	0,005	0,013	0,142	FALSE
-0,101	0,293	-0,004	0,011	0,127	FALSE
-0,069	0,289	-0,002	0,011	0,065	FALSE
-0,102	0,284	-0,002	0,007	0,099	FALSE
-0,111	0,281	-0,001	0,007	0,076	FALSE
0,062	0,292	0,002	0,007	0,084	FALSE
0,004	0,291	0,001	0,008	0,052	FALSE
-0,057	0,296	-0,002	0,011	0,075	FALSE
0,009	0,302	0,000	0,013	0,009	FALSE
0,028	0,281	0,002	0,012	0,048	FALSE
-0,026	0,281	0,000	0,007	0,009	FALSE
-0,079	0,293	-0,001	0,007	0,053	FALSE
-0,027	0,299	-0,002	0,013	0,070	FALSE
0,016	0,288	-0,001	0,008	0,026	FALSE
0,133	0,284	0,007	0,013	0,230	FALSE
0,061	0,300	0,001	0,008	0,052	FALSE
-0,179	0,285	-0,004	0,007	0,257	FALSE
-0,003	0,292	0,001	0,012	0,019	FALSE
0,048	0,290	0,001	0,008	0,032	FALSE
-0,049	0,283	-0,002	0,010	0,086	FALSE
-0,044	0,273	0,000	0,008	0,019	FALSE
-0,094	0,286	-0,003	0,009	0,133	FALSE
0,044	0,288	0,000	0,009	0,002	FALSE

-0,007	0,307	-0,002	0,013	0,055	FALSE
0,089	0,292	0,004	0,013	0,113	FALSE
-0,200	0,282	-0,005	0,011	0,194	FALSE
-0,218	0,284	-0,005	0,011	0,214	FALSE
-0,037	0,285	0,000	0,007	0,022	FALSE
-0,002	0,297	0,000	0,008	0,003	FALSE
-0,036	0,279	-0,001	0,007	0,045	FALSE
0,114	0,277	0,002	0,006	0,102	FALSE
-0,046	0,301	-0,003	0,007	0,135	FALSE
-0,053	0,303	-0,003	0,007	0,146	FALSE
0,061	0,287	0,002	0,007	0,095	FALSE
-0,064	0,293	0,000	0,007	0,016	FALSE
0,180	0,303	0,005	0,010	0,194	FALSE
-0,095	0,294	-0,003	0,009	0,127	FALSE
0,211	0,287	0,006	0,009	0,277	FALSE
-0,050	0,285	-0,002	0,010	0,058	FALSE
-0,155	0,282	-0,004	0,007	0,267	FALSE
-0,132	0,301	-0,004	0,011	0,146	FALSE
0,079	0,291	0,004	0,012	0,120	FALSE
-0,039	0,289	-0,001	0,012	0,027	FALSE
-0,004	0,285	0,000	0,012	0,012	FALSE
0,026	0,282	0,002	0,013	0,059	FALSE
-0,015	0,291	0,001	0,006	0,030	FALSE
-0,009	0,286	-0,003	0,013	0,074	FALSE
-0,130	0,288	-0,002	0,008	0,106	FALSE
0,103	0,285	0,003	0,010	0,125	FALSE
-0,082	0,292	-0,002	0,007	0,107	FALSE
-0,083	0,287	-0,002	0,009	0,097	FALSE
0,102	0,269	0,003	0,008	0,128	FALSE
0,190	0,287	0,009	0,012	0,358	FALSE
0,026	0,285	0,001	0,012	0,021	FALSE
0,067	0,297	0,002	0,010	0,067	FALSE
0,100	0,297	0,004	0,011	0,151	FALSE
-0,037	0,288	-0,002	0,009	0,082	FALSE
0,096	0,284	0,002	0,006	0,105	FALSE
0,139	0,276	0,004	0,007	0,215	FALSE
-0,180	0,282	-0,006	0,011	0,216	FALSE
0,178	0,282	0,005	0,013	0,152	FALSE
0,021	0,301	0,001	0,010	0,024	FALSE
0,068	0,297	0,001	0,008	0,024	FALSE
0,094	0,293	0,001	0,008	0,052	FALSE
0,071	0,285	0,002	0,006	0,130	FALSE
0,004	0,291	0,002	0,012	0,056	FALSE
0,093	0,284	0,001	0,008	0,062	FALSE
0,041	0,299	0,000	0,009	0,009	FALSE
0,031	0,294	0,000	0,008	0,002	FALSE
0,013	0,290	0,001	0,009	0,027	FALSE
-0,004	0,294	0,000	0,010	0,005	FALSE
-0,078	0,294	-0,002	0,007	0,093	FALSE
-0,108	0,285	-0,002	0,007	0,094	FALSE
0,032	0,305	0,000	0,011	0,000	FALSE
0,069	0,289	0,002	0,013	0,048	FALSE
0,134	0,285	0,002	0,007	0,118	FALSE

0,053	0,299	0,002	0,013	0,061	FALSE
-0,159	0,275	-0,004	0,008	0,226	FALSE
0,002	0,293	-0,001	0,007	0,037	FALSE
-0,037	0,289	0,000	0,006	0,020	FALSE
-0,025	0,286	-0,001	0,006	0,061	FALSE
0,023	0,296	-0,001	0,008	0,040	FALSE
-0,027	0,285	-0,001	0,008	0,053	FALSE
0,030	0,285	0,002	0,011	0,050	FALSE
0,062	0,285	0,003	0,012	0,101	FALSE
0,008	0,280	0,001	0,013	0,024	FALSE
-0,049	0,289	-0,002	0,010	0,083	FALSE
0,004	0,298	0,000	0,010	0,010	FALSE
0,094	0,290	0,003	0,010	0,133	FALSE
0,100	0,300	0,003	0,010	0,121	FALSE
-0,131	0,283	-0,005	0,010	0,201	FALSE
0,214	0,277	0,009	0,011	0,371	FALSE
-0,085	0,279	-0,001	0,011	0,040	FALSE
-0,133	0,294	-0,003	0,008	0,127	FALSE
0,024	0,307	0,001	0,012	0,038	FALSE
0,031	0,290	0,001	0,011	0,044	FALSE
0,031	0,302	0,001	0,011	0,026	FALSE
0,034	0,308	0,001	0,012	0,023	FALSE
-0,038	0,288	-0,001	0,008	0,024	FALSE
0,017	0,306	0,000	0,012	0,006	FALSE
0,025	0,298	0,000	0,012	0,004	FALSE
0,024	0,293	0,000	0,011	0,005	FALSE
0,099	0,298	0,003	0,008	0,178	FALSE
-0,011	0,287	-0,001	0,011	0,045	FALSE
0,025	0,304	0,000	0,011	0,003	FALSE
-0,078	0,288	-0,005	0,009	0,218	FALSE
-0,083	0,294	-0,004	0,009	0,217	FALSE
0,044	0,295	0,001	0,007	0,077	FALSE
0,005	0,281	0,001	0,007	0,049	FALSE
0,010	0,286	0,000	0,010	0,013	FALSE
0,108	0,301	0,002	0,007	0,097	FALSE
0,142	0,293	0,004	0,009	0,164	FALSE
-0,066	0,298	-0,001	0,010	0,040	FALSE
0,164	0,297	0,004	0,007	0,256	FALSE
-0,008	0,290	0,000	0,007	0,008	FALSE
-0,037	0,280	0,000	0,007	0,019	FALSE
-0,060	0,292	-0,001	0,007	0,060	FALSE
0,206	0,272	0,007	0,011	0,314	FALSE
-0,081	0,284	-0,003	0,009	0,135	FALSE
-0,026	0,293	0,000	0,013	0,001	FALSE
-0,017	0,308	0,000	0,013	0,002	FALSE
0,106	0,292	0,005	0,011	0,165	FALSE
0,032	0,290	0,000	0,012	0,005	FALSE
0,008	0,304	0,000	0,013	0,008	FALSE
0,146	0,294	0,005	0,012	0,176	FALSE
0,003	0,294	-0,001	0,010	0,038	FALSE
-0,015	0,286	-0,001	0,006	0,087	FALSE
-0,150	0,283	-0,007	0,012	0,246	FALSE
-0,067	0,295	-0,002	0,008	0,096	FALSE

0,057	0,288	0,002	0,008	0,081	FALSE
-0,144	0,290	-0,006	0,012	0,207	FALSE
-0,173	0,279	-0,008	0,011	0,296	FALSE
-0,075	0,289	-0,002	0,007	0,122	FALSE
-0,012	0,285	-0,001	0,011	0,031	FALSE
0,205	0,293	0,006	0,010	0,251	FALSE
0,038	0,296	0,001	0,013	0,040	FALSE
0,131	0,287	0,003	0,009	0,140	FALSE
-0,106	0,279	-0,003	0,008	0,152	FALSE
-0,086	0,298	-0,003	0,008	0,118	FALSE
-0,111	0,289	-0,003	0,009	0,147	FALSE
-0,089	0,296	-0,002	0,008	0,113	FALSE
-0,025	0,286	-0,001	0,008	0,051	FALSE
-0,118	0,284	-0,004	0,009	0,170	FALSE
-0,033	0,286	-0,003	0,011	0,097	FALSE
0,002	0,287	-0,002	0,009	0,092	FALSE
-0,004	0,287	-0,001	0,008	0,030	FALSE
0,041	0,289	0,002	0,010	0,070	FALSE
-0,054	0,294	-0,002	0,012	0,063	FALSE
-0,179	0,286	-0,006	0,011	0,233	FALSE
-0,191	0,285	-0,007	0,011	0,265	FALSE
-0,175	0,282	-0,007	0,012	0,246	FALSE
-0,165	0,286	-0,006	0,012	0,218	FALSE
-0,147	0,290	-0,005	0,012	0,185	FALSE
-0,168	0,285	-0,006	0,011	0,220	FALSE
-0,110	0,284	-0,003	0,011	0,126	FALSE
-0,159	0,292	-0,006	0,012	0,195	FALSE
-0,133	0,284	-0,005	0,011	0,169	FALSE
-0,150	0,281	-0,005	0,011	0,175	FALSE
-0,181	0,283	-0,006	0,011	0,225	FALSE
-0,142	0,284	-0,005	0,011	0,177	FALSE
-0,101	0,285	-0,003	0,011	0,095	FALSE
-0,155	0,278	-0,004	0,011	0,158	FALSE
0,024	0,293	-0,002	0,011	0,057	FALSE
-0,026	0,303	-0,001	0,013	0,027	FALSE
0,060	0,293	0,001	0,008	0,055	FALSE
0,019	0,290	0,000	0,012	0,007	FALSE
0,014	0,299	-0,001	0,007	0,044	FALSE
-0,012	0,288	0,000	0,006	0,018	FALSE
-0,173	0,288	-0,005	0,013	0,142	FALSE
-0,205	0,273	-0,006	0,013	0,188	FALSE
-0,152	0,278	-0,005	0,012	0,156	FALSE
0,001	0,294	0,000	0,007	0,000	FALSE
-0,154	0,274	-0,005	0,010	0,233	FALSE
-0,148	0,282	-0,005	0,010	0,231	FALSE
-0,141	0,291	-0,005	0,010	0,201	FALSE
0,003	0,277	0,001	0,007	0,043	FALSE
-0,127	0,287	-0,002	0,006	0,145	FALSE
0,045	0,285	0,002	0,010	0,062	FALSE
0,004	0,284	0,001	0,009	0,025	FALSE
0,015	0,268	0,000	0,010	0,002	FALSE
0,051	0,276	0,001	0,010	0,050	FALSE
0,096	0,284	0,002	0,010	0,088	FALSE

-0,030	0,294	-0,001	0,013	0,018	FALSE
-0,125	0,277	-0,005	0,012	0,173	FALSE
-0,135	0,284	-0,006	0,012	0,205	FALSE
-0,189	0,284	-0,004	0,007	0,285	FALSE
-0,093	0,292	-0,005	0,013	0,144	FALSE
-0,098	0,289	-0,005	0,013	0,137	FALSE
-0,061	0,291	-0,002	0,012	0,065	FALSE
-0,008	0,304	-0,001	0,014	0,022	FALSE
0,006	0,302	0,001	0,011	0,041	FALSE
-0,134	0,297	-0,003	0,008	0,123	FALSE
-0,023	0,279	-0,002	0,008	0,071	FALSE
-0,174	0,281	-0,009	0,012	0,349	FALSE
-0,074	0,291	-0,005	0,011	0,192	FALSE
-0,063	0,299	-0,002	0,009	0,099	FALSE
0,095	0,279	0,004	0,008	0,192	FALSE
0,140	0,275	0,003	0,007	0,162	FALSE
-0,158	0,278	-0,003	0,008	0,139	FALSE
-0,065	0,298	-0,004	0,011	0,125	FALSE
0,105	0,292	0,004	0,011	0,158	FALSE
0,052	0,285	0,001	0,009	0,022	FALSE
-0,103	0,301	-0,003	0,014	0,076	FALSE
-0,113	0,286	-0,003	0,013	0,105	FALSE
0,053	0,281	0,001	0,011	0,016	FALSE
0,028	0,284	-0,001	0,007	0,036	FALSE
-0,097	0,299	-0,002	0,006	0,093	FALSE
0,077	0,302	0,002	0,011	0,068	FALSE
-0,147	0,282	-0,006	0,013	0,202	FALSE
-0,141	0,280	-0,007	0,011	0,248	FALSE
0,009	0,285	0,001	0,012	0,024	FALSE
0,009	0,280	-0,001	0,010	0,027	FALSE
-0,105	0,287	-0,004	0,008	0,192	FALSE
0,145	0,284	0,003	0,009	0,163	FALSE
0,140	0,283	0,003	0,009	0,139	FALSE
0,162	0,288	0,003	0,006	0,199	FALSE
0,000	0,281	0,000	0,010	0,011	FALSE
-0,166	0,283	-0,007	0,010	0,293	FALSE
0,101	0,279	0,002	0,007	0,111	FALSE
0,012	0,294	0,000	0,008	0,007	FALSE
0,022	0,287	0,001	0,009	0,043	FALSE
0,119	0,292	0,003	0,007	0,186	FALSE
0,049	0,269	0,003	0,010	0,103	FALSE
0,039	0,290	0,001	0,008	0,055	FALSE
0,170	0,290	0,003	0,008	0,169	FALSE
0,004	0,289	0,000	0,009	0,004	FALSE
-0,014	0,277	0,000	0,007	0,006	FALSE
0,049	0,275	0,000	0,007	0,018	FALSE
0,146	0,274	0,004	0,011	0,155	FALSE
0,054	0,298	0,000	0,007	0,000	FALSE
-0,150	0,271	-0,006	0,011	0,223	FALSE
-0,091	0,286	-0,002	0,006	0,093	FALSE
0,157	0,284	0,004	0,010	0,167	FALSE
0,118	0,290	0,004	0,013	0,135	FALSE
-0,139	0,274	-0,003	0,010	0,112	FALSE

-0,080	0,300	-0,001	0,008	0,051	FALSE
0,144	0,281	0,002	0,007	0,101	FALSE
-0,011	0,293	0,000	0,006	0,002	FALSE
0,052	0,303	0,001	0,008	0,042	FALSE
-0,045	0,303	-0,002	0,013	0,052	FALSE
-0,116	0,275	-0,003	0,012	0,100	FALSE
-0,022	0,285	-0,002	0,011	0,075	FALSE
-0,158	0,272	-0,006	0,010	0,279	FALSE
0,049	0,294	0,001	0,013	0,035	FALSE
-0,024	0,304	-0,002	0,013	0,057	FALSE
0,108	0,288	0,004	0,012	0,128	FALSE
-0,148	0,291	-0,003	0,007	0,165	FALSE
-0,075	0,292	-0,003	0,013	0,096	FALSE
-0,059	0,302	-0,001	0,013	0,033	FALSE
0,127	0,299	0,003	0,009	0,137	FALSE
-0,010	0,308	0,001	0,012	0,023	FALSE
-0,028	0,303	0,000	0,010	0,008	FALSE
-0,165	0,287	-0,006	0,012	0,209	FALSE
-0,066	0,296	-0,003	0,012	0,078	FALSE
-0,091	0,272	-0,003	0,008	0,129	FALSE
-0,008	0,299	-0,001	0,007	0,065	FALSE
0,163	0,287	0,004	0,008	0,238	FALSE
-0,180	0,276	-0,008	0,012	0,312	FALSE
-0,033	0,278	0,002	0,012	0,049	FALSE
-0,017	0,290	-0,001	0,012	0,030	FALSE
-0,007	0,299	0,000	0,007	0,008	FALSE
0,099	0,288	0,002	0,007	0,104	FALSE
-0,035	0,281	-0,001	0,006	0,053	FALSE
-0,011	0,285	-0,001	0,006	0,031	FALSE
-0,019	0,291	0,000	0,007	0,002	FALSE
-0,061	0,287	-0,001	0,011	0,044	FALSE
-0,063	0,285	-0,001	0,008	0,059	FALSE
0,016	0,288	0,001	0,011	0,020	FALSE
0,025	0,300	0,001	0,012	0,024	FALSE
-0,049	0,269	0,000	0,011	0,000	FALSE
-0,088	0,300	-0,004	0,013	0,127	FALSE
0,197	0,276	0,008	0,012	0,292	FALSE
0,088	0,302	0,002	0,007	0,127	FALSE
-0,143	0,300	-0,006	0,011	0,220	FALSE
-0,063	0,273	-0,003	0,012	0,082	FALSE
0,060	0,292	0,002	0,009	0,100	FALSE
0,047	0,298	0,001	0,006	0,072	FALSE
0,258	0,278	0,010	0,013	0,380	FALSE
-0,050	0,281	-0,001	0,011	0,025	FALSE
-0,095	0,278	-0,002	0,006	0,102	FALSE
-0,018	0,289	-0,001	0,010	0,033	FALSE
0,050	0,296	0,003	0,012	0,082	FALSE
-0,028	0,291	-0,001	0,009	0,034	FALSE
0,039	0,296	0,001	0,013	0,037	FALSE
-0,014	0,292	-0,001	0,008	0,023	FALSE
0,130	0,286	0,003	0,011	0,102	FALSE
0,056	0,293	0,002	0,007	0,086	FALSE
0,016	0,296	0,001	0,008	0,034	FALSE

-0,052	0,288	-0,001	0,008	0,049	FALSE
-0,006	0,285	-0,001	0,009	0,029	FALSE
-0,107	0,288	-0,003	0,010	0,112	FALSE
0,033	0,296	0,003	0,011	0,112	FALSE
-0,033	0,294	0,000	0,010	0,001	FALSE
0,026	0,290	0,000	0,013	0,009	FALSE
-0,119	0,292	-0,002	0,009	0,110	FALSE
-0,070	0,293	-0,003	0,012	0,104	FALSE
-0,131	0,286	-0,002	0,009	0,090	FALSE
-0,056	0,288	-0,002	0,009	0,100	FALSE
0,013	0,296	-0,001	0,011	0,023	FALSE
0,033	0,298	0,000	0,011	0,008	FALSE
-0,008	0,296	0,000	0,010	0,003	FALSE
0,090	0,300	0,001	0,009	0,036	FALSE
-0,031	0,280	-0,002	0,011	0,073	FALSE
0,000	0,289	-0,001	0,012	0,034	FALSE
0,177	0,294	0,005	0,009	0,211	FALSE
0,060	0,290	0,005	0,012	0,180	FALSE
0,040	0,295	0,001	0,012	0,019	FALSE
-0,096	0,285	-0,003	0,007	0,175	FALSE
-0,065	0,297	-0,002	0,007	0,105	FALSE
-0,050	0,308	-0,001	0,007	0,071	FALSE
0,041	0,296	0,000	0,011	0,007	FALSE
0,024	0,292	0,001	0,008	0,068	FALSE
0,096	0,284	0,004	0,009	0,160	FALSE
0,088	0,287	0,003	0,008	0,143	FALSE
-0,018	0,285	-0,001	0,009	0,053	FALSE
-0,124	0,290	-0,002	0,013	0,069	FALSE
-0,019	0,277	0,001	0,013	0,027	FALSE
-0,051	0,278	-0,001	0,009	0,043	FALSE
-0,028	0,292	-0,002	0,008	0,078	FALSE
-0,086	0,293	-0,002	0,011	0,064	FALSE
0,032	0,290	0,000	0,013	0,006	FALSE
0,068	0,290	0,005	0,013	0,146	FALSE
-0,059	0,288	-0,002	0,012	0,052	FALSE
-0,089	0,272	-0,002	0,007	0,116	FALSE
0,081	0,284	0,005	0,012	0,162	FALSE
-0,147	0,280	-0,007	0,013	0,249	FALSE
-0,075	0,277	-0,003	0,011	0,092	FALSE
0,108	0,285	0,002	0,007	0,106	FALSE
-0,175	0,281	-0,004	0,008	0,198	FALSE
0,031	0,302	0,001	0,007	0,040	FALSE
-0,040	0,299	-0,001	0,012	0,037	FALSE
-0,137	0,291	-0,003	0,008	0,132	FALSE
-0,014	0,285	0,000	0,009	0,002	FALSE
0,155	0,290	0,003	0,006	0,239	FALSE
-0,062	0,279	-0,003	0,009	0,149	FALSE
0,126	0,299	0,003	0,008	0,177	FALSE
-0,023	0,281	0,000	0,007	0,001	FALSE
-0,043	0,277	-0,001	0,007	0,042	FALSE
0,084	0,288	0,002	0,013	0,068	FALSE
-0,107	0,289	-0,001	0,007	0,067	FALSE
-0,053	0,296	-0,001	0,010	0,051	FALSE

0,109	0,292	0,004	0,010	0,161	FALSE
0,096	0,290	0,002	0,008	0,104	FALSE
-0,022	0,267	-0,001	0,006	0,042	FALSE
0,007	0,303	0,000	0,012	0,011	FALSE
0,038	0,304	0,001	0,012	0,015	FALSE
0,029	0,282	0,000	0,010	0,006	FALSE
0,067	0,288	0,003	0,012	0,082	FALSE
0,095	0,294	0,004	0,013	0,134	FALSE
0,065	0,288	0,003	0,008	0,144	FALSE
0,058	0,282	0,003	0,008	0,133	FALSE
-0,095	0,289	-0,003	0,008	0,127	FALSE
0,035	0,292	0,000	0,007	0,008	FALSE
-0,047	0,284	-0,002	0,009	0,080	FALSE
0,011	0,281	-0,001	0,006	0,048	FALSE
-0,158	0,281	-0,004	0,009	0,210	FALSE
0,005	0,287	0,000	0,007	0,018	FALSE
0,078	0,284	0,002	0,008	0,103	FALSE
-0,065	0,282	-0,001	0,010	0,040	FALSE
0,171	0,274	0,004	0,006	0,335	FALSE
0,025	0,293	0,000	0,007	0,000	FALSE
0,115	0,288	0,003	0,012	0,084	FALSE
-0,047	0,300	-0,001	0,012	0,039	FALSE
0,081	0,293	0,003	0,009	0,137	FALSE
-0,069	0,286	-0,001	0,008	0,022	FALSE
-0,024	0,293	-0,002	0,011	0,083	FALSE
0,023	0,289	0,003	0,011	0,104	FALSE
0,017	0,297	0,003	0,011	0,094	FALSE
0,005	0,306	0,000	0,013	0,005	FALSE
-0,033	0,286	-0,002	0,011	0,081	FALSE
0,017	0,301	0,001	0,013	0,020	FALSE
0,082	0,293	0,003	0,011	0,118	FALSE
-0,017	0,283	-0,001	0,007	0,032	FALSE
0,061	0,277	0,001	0,007	0,075	FALSE
-0,049	0,299	-0,002	0,013	0,049	FALSE
-0,011	0,293	-0,001	0,009	0,057	FALSE
0,023	0,285	0,004	0,012	0,134	FALSE
-0,048	0,295	0,000	0,013	0,005	FALSE
-0,067	0,288	-0,001	0,006	0,084	FALSE
-0,152	0,291	-0,006	0,013	0,180	FALSE
-0,015	0,280	0,000	0,006	0,010	FALSE
-0,021	0,282	-0,001	0,007	0,065	FALSE
-0,083	0,284	-0,002	0,012	0,064	FALSE
-0,046	0,295	-0,001	0,010	0,029	FALSE
0,003	0,294	0,001	0,011	0,041	FALSE
0,102	0,294	0,003	0,010	0,132	FALSE
-0,119	0,285	-0,003	0,007	0,141	FALSE
-0,046	0,294	-0,002	0,008	0,116	FALSE
-0,097	0,293	-0,003	0,008	0,146	FALSE
0,119	0,276	0,006	0,012	0,192	FALSE
-0,053	0,297	-0,001	0,008	0,028	FALSE
-0,064	0,279	-0,003	0,008	0,162	FALSE
0,046	0,288	0,001	0,010	0,018	FALSE
-0,128	0,299	-0,006	0,011	0,233	FALSE

0,011	0,284	-0,002	0,013	0,045	FALSE
-0,018	0,294	-0,001	0,010	0,025	FALSE
0,046	0,303	0,001	0,013	0,018	FALSE
0,011	0,294	0,000	0,013	0,008	FALSE
-0,106	0,300	-0,004	0,010	0,169	FALSE
-0,033	0,284	-0,002	0,008	0,068	FALSE
-0,042	0,282	-0,001	0,007	0,066	FALSE
-0,069	0,292	-0,001	0,010	0,032	FALSE
0,101	0,299	0,005	0,013	0,162	FALSE
0,015	0,285	0,001	0,013	0,015	FALSE
0,059	0,306	0,001	0,008	0,055	FALSE
0,018	0,295	0,003	0,013	0,092	FALSE
0,063	0,301	0,001	0,012	0,043	FALSE
-0,073	0,282	-0,001	0,008	0,040	FALSE
-0,010	0,280	0,000	0,012	0,012	FALSE
0,055	0,279	0,003	0,011	0,102	FALSE
-0,016	0,289	0,000	0,012	0,015	FALSE
0,034	0,298	0,002	0,011	0,058	FALSE
-0,001	0,283	0,001	0,011	0,045	FALSE
0,008	0,291	0,001	0,012	0,042	FALSE
0,026	0,281	0,003	0,011	0,087	FALSE
-0,062	0,307	-0,001	0,013	0,036	FALSE
0,112	0,283	0,004	0,011	0,156	FALSE
-0,155	0,284	-0,006	0,010	0,268	FALSE
0,024	0,268	0,001	0,011	0,027	FALSE
-0,042	0,278	0,000	0,007	0,014	FALSE
0,023	0,293	0,001	0,012	0,025	FALSE
0,006	0,295	0,000	0,012	0,001	FALSE
0,037	0,283	0,001	0,011	0,027	FALSE
0,034	0,293	0,001	0,008	0,062	FALSE
-0,015	0,297	0,000	0,007	0,020	FALSE
-0,148	0,288	-0,006	0,012	0,225	FALSE
-0,014	0,296	-0,001	0,010	0,021	FALSE
-0,121	0,300	-0,004	0,010	0,175	FALSE
0,127	0,296	0,002	0,008	0,076	FALSE
0,048	0,276	0,000	0,008	0,012	FALSE
0,027	0,296	0,001	0,014	0,037	FALSE
0,033	0,300	0,002	0,013	0,050	FALSE
0,047	0,277	0,001	0,012	0,042	FALSE
0,000	0,293	0,000	0,008	0,003	FALSE
0,009	0,279	0,002	0,012	0,050	FALSE
0,041	0,284	0,001	0,013	0,021	FALSE
-0,104	0,281	-0,001	0,007	0,071	FALSE
0,167	0,285	0,006	0,012	0,206	FALSE
-0,041	0,295	-0,003	0,011	0,114	FALSE
0,092	0,292	0,002	0,012	0,068	FALSE
-0,033	0,301	-0,001	0,006	0,034	FALSE
0,056	0,294	0,003	0,013	0,079	FALSE
-0,088	0,272	-0,001	0,010	0,053	FALSE
0,110	0,283	0,004	0,012	0,143	FALSE
0,137	0,275	0,006	0,010	0,246	FALSE
0,089	0,292	0,002	0,007	0,089	FALSE
0,069	0,293	0,001	0,007	0,054	FALSE

0,057	0,279	0,001	0,009	0,048	FALSE
0,041	0,282	0,001	0,010	0,047	FALSE
-0,053	0,293	-0,002	0,011	0,081	FALSE
0,012	0,289	-0,001	0,007	0,047	FALSE
0,075	0,297	0,002	0,007	0,093	FALSE
0,039	0,286	0,001	0,010	0,049	FALSE
0,011	0,284	0,001	0,012	0,039	FALSE
-0,002	0,288	0,000	0,009	0,017	FALSE
0,088	0,284	0,003	0,011	0,094	FALSE
0,105	0,295	0,003	0,008	0,177	FALSE
0,122	0,293	0,006	0,012	0,238	FALSE
-0,027	0,289	0,000	0,007	0,009	FALSE
-0,098	0,278	-0,003	0,007	0,175	FALSE
-0,027	0,285	-0,001	0,009	0,022	FALSE
-0,074	0,293	-0,002	0,011	0,062	FALSE
-0,080	0,293	0,000	0,008	0,009	FALSE
-0,095	0,274	0,000	0,009	0,019	FALSE
-0,108	0,278	-0,003	0,009	0,145	FALSE
-0,166	0,282	-0,003	0,007	0,211	FALSE
0,102	0,292	0,004	0,012	0,132	FALSE
-0,049	0,285	-0,001	0,007	0,055	FALSE
-0,076	0,307	-0,001	0,011	0,022	FALSE
0,199	0,303	0,007	0,010	0,315	FALSE
0,193	0,281	0,006	0,008	0,325	FALSE
-0,010	0,298	0,002	0,013	0,061	FALSE
-0,028	0,293	0,002	0,013	0,048	FALSE
0,064	0,285	0,001	0,008	0,066	FALSE
-0,173	0,273	-0,005	0,009	0,252	FALSE
0,194	0,273	0,004	0,007	0,270	FALSE
0,036	0,287	0,000	0,008	0,016	FALSE
-0,163	0,286	-0,006	0,013	0,210	FALSE
-0,154	0,293	-0,006	0,012	0,206	FALSE
-0,133	0,285	-0,004	0,007	0,215	FALSE
-0,002	0,289	0,000	0,007	0,008	FALSE
0,009	0,281	0,000	0,008	0,003	FALSE
0,026	0,301	0,000	0,010	0,007	FALSE
-0,050	0,289	0,000	0,006	0,027	FALSE
0,048	0,286	0,000	0,008	0,017	FALSE
-0,019	0,306	-0,001	0,012	0,017	FALSE
-0,070	0,298	-0,002	0,007	0,095	FALSE
-0,093	0,291	-0,002	0,009	0,094	FALSE
-0,072	0,294	-0,004	0,011	0,152	FALSE
-0,122	0,288	-0,006	0,012	0,189	FALSE
0,097	0,284	0,002	0,006	0,109	FALSE
-0,028	0,280	-0,001	0,007	0,063	FALSE
-0,049	0,284	-0,002	0,007	0,087	FALSE
-0,006	0,286	-0,001	0,013	0,028	FALSE
0,046	0,294	0,002	0,011	0,065	FALSE
0,006	0,282	0,001	0,010	0,043	FALSE
0,015	0,279	0,002	0,008	0,092	FALSE
0,056	0,277	0,005	0,011	0,173	FALSE
0,054	0,305	0,002	0,010	0,082	FALSE
0,065	0,291	0,002	0,007	0,099	FALSE

-0,047	0,286	-0,003	0,009	0,110	FALSE
-0,051	0,292	-0,001	0,011	0,038	FALSE
-0,058	0,274	-0,003	0,009	0,131	FALSE
-0,018	0,285	-0,001	0,012	0,028	FALSE
0,032	0,298	0,002	0,008	0,068	FALSE
0,011	0,293	0,000	0,013	0,004	FALSE
0,039	0,295	0,003	0,012	0,085	FALSE
0,038	0,297	0,001	0,007	0,057	FALSE
-0,079	0,289	-0,001	0,012	0,037	FALSE
0,126	0,286	0,003	0,006	0,204	FALSE
-0,072	0,294	-0,002	0,008	0,076	FALSE
-0,093	0,294	-0,003	0,011	0,104	FALSE
0,073	0,288	0,001	0,012	0,021	FALSE
0,029	0,293	0,003	0,012	0,087	FALSE
-0,075	0,276	-0,005	0,013	0,152	FALSE
-0,114	0,291	-0,005	0,013	0,155	FALSE
0,004	0,294	0,002	0,007	0,091	FALSE
0,180	0,297	0,004	0,007	0,263	FALSE
0,039	0,300	0,001	0,008	0,045	FALSE
-0,072	0,291	-0,002	0,013	0,065	FALSE
-0,099	0,287	-0,003	0,013	0,101	FALSE
-0,098	0,295	-0,003	0,013	0,093	FALSE
-0,115	0,288	-0,004	0,013	0,138	FALSE
-0,038	0,288	-0,001	0,009	0,056	FALSE
-0,012	0,297	0,000	0,007	0,000	FALSE
-0,091	0,298	-0,002	0,007	0,129	FALSE
0,024	0,280	0,000	0,007	0,014	FALSE
-0,006	0,302	-0,001	0,011	0,044	FALSE
0,139	0,278	0,002	0,007	0,123	FALSE
0,109	0,278	0,003	0,009	0,145	FALSE
0,180	0,298	0,005	0,010	0,240	FALSE
0,068	0,292	0,001	0,008	0,030	FALSE
0,045	0,288	0,001	0,007	0,030	FALSE
-0,014	0,297	-0,002	0,007	0,094	FALSE
-0,069	0,293	-0,002	0,007	0,131	FALSE
-0,140	0,274	-0,006	0,013	0,207	FALSE
-0,057	0,298	-0,003	0,010	0,116	FALSE
0,026	0,284	0,001	0,012	0,014	FALSE
0,147	0,289	0,005	0,011	0,177	FALSE
0,058	0,301	0,001	0,010	0,039	FALSE
0,090	0,281	0,002	0,009	0,071	FALSE
0,128	0,287	0,006	0,012	0,205	FALSE
-0,162	0,285	-0,007	0,013	0,214	FALSE
-0,072	0,296	-0,002	0,012	0,067	FALSE
0,045	0,293	0,001	0,009	0,027	FALSE
-0,011	0,272	-0,001	0,007	0,030	FALSE
-0,104	0,290	-0,003	0,012	0,102	FALSE
-0,043	0,292	-0,001	0,007	0,065	FALSE
-0,155	0,284	-0,004	0,007	0,227	FALSE
-0,094	0,270	-0,002	0,008	0,108	FALSE
0,080	0,300	0,002	0,007	0,104	FALSE
-0,019	0,284	0,001	0,009	0,023	FALSE
0,084	0,290	0,002	0,007	0,112	FALSE

-0,141	0,288	-0,005	0,012	0,182	FALSE
0,032	0,286	0,000	0,012	0,009	FALSE
0,044	0,279	0,002	0,010	0,088	FALSE
-0,042	0,290	-0,001	0,007	0,030	FALSE
-0,053	0,305	-0,002	0,013	0,054	FALSE
0,038	0,290	0,001	0,012	0,018	FALSE
0,082	0,293	0,002	0,008	0,105	FALSE
0,008	0,292	0,002	0,012	0,065	FALSE
-0,086	0,295	-0,002	0,013	0,061	FALSE
-0,095	0,295	-0,004	0,009	0,176	FALSE
0,115	0,286	0,003	0,010	0,108	FALSE
-0,083	0,286	-0,001	0,013	0,034	FALSE
0,048	0,295	0,002	0,007	0,108	FALSE
-0,112	0,282	-0,003	0,007	0,161	FALSE
0,185	0,296	0,006	0,010	0,256	FALSE
-0,049	0,297	0,000	0,007	0,021	FALSE
0,076	0,293	0,003	0,009	0,138	FALSE
0,107	0,284	0,004	0,012	0,115	FALSE
-0,027	0,288	-0,003	0,010	0,110	FALSE
0,075	0,279	0,001	0,006	0,062	FALSE
0,079	0,283	0,001	0,007	0,059	FALSE
0,034	0,290	0,001	0,011	0,042	FALSE
0,105	0,284	0,004	0,011	0,146	FALSE
0,038	0,285	0,001	0,007	0,036	FALSE
0,009	0,292	0,000	0,012	0,005	FALSE
-0,073	0,275	-0,001	0,008	0,062	FALSE
0,052	0,300	0,002	0,011	0,052	FALSE
0,112	0,284	0,005	0,012	0,180	FALSE
0,082	0,285	0,004	0,012	0,133	FALSE
0,014	0,304	0,000	0,009	0,002	FALSE
0,064	0,301	0,001	0,011	0,026	FALSE
0,149	0,291	0,004	0,007	0,235	FALSE
-0,011	0,300	0,001	0,013	0,014	FALSE
-0,051	0,290	-0,003	0,011	0,091	FALSE
0,118	0,295	0,005	0,012	0,177	FALSE
-0,056	0,284	-0,002	0,012	0,052	FALSE
-0,089	0,288	-0,003	0,009	0,114	FALSE
-0,033	0,286	-0,003	0,012	0,076	FALSE
-0,003	0,291	-0,001	0,013	0,032	FALSE
-0,045	0,287	-0,002	0,006	0,142	FALSE
-0,048	0,292	-0,003	0,010	0,109	FALSE
0,066	0,293	0,000	0,010	0,012	FALSE
0,142	0,296	0,004	0,010	0,158	FALSE
-0,059	0,303	-0,004	0,013	0,109	FALSE
-0,101	0,289	-0,003	0,010	0,128	FALSE
0,074	0,288	0,003	0,009	0,129	FALSE
-0,086	0,270	-0,002	0,012	0,055	FALSE
-0,076	0,298	-0,002	0,010	0,084	FALSE
-0,038	0,279	0,000	0,011	0,004	FALSE
-0,001	0,294	-0,001	0,011	0,043	FALSE
0,170	0,284	0,007	0,013	0,222	FALSE
-0,128	0,296	-0,003	0,010	0,103	FALSE
-0,052	0,291	-0,002	0,009	0,074	FALSE

-0,074	0,294	-0,003	0,009	0,112	FALSE
0,017	0,282	0,001	0,006	0,056	FALSE
0,039	0,293	-0,001	0,011	0,019	FALSE
0,101	0,298	0,003	0,013	0,104	FALSE
0,151	0,284	0,003	0,006	0,191	FALSE
0,066	0,289	0,001	0,013	0,033	FALSE
0,052	0,287	0,000	0,013	0,003	FALSE
-0,074	0,292	-0,002	0,009	0,073	FALSE
-0,046	0,298	-0,001	0,009	0,047	FALSE
0,155	0,282	0,009	0,012	0,317	FALSE
-0,154	0,291	-0,004	0,009	0,207	FALSE
-0,074	0,283	-0,003	0,007	0,169	FALSE
-0,129	0,281	-0,004	0,009	0,172	FALSE
-0,129	0,287	-0,005	0,011	0,193	FALSE
0,128	0,282	0,008	0,012	0,276	FALSE
-0,058	0,289	-0,001	0,009	0,050	FALSE
-0,012	0,301	0,000	0,007	0,017	FALSE
0,119	0,301	0,005	0,011	0,199	FALSE
-0,126	0,287	-0,005	0,013	0,146	FALSE
0,076	0,280	0,005	0,012	0,163	FALSE
0,177	0,292	0,004	0,010	0,175	FALSE
0,102	0,280	0,002	0,009	0,077	FALSE
0,120	0,288	0,003	0,007	0,206	FALSE
-0,070	0,282	-0,001	0,010	0,037	FALSE
-0,053	0,293	-0,002	0,009	0,096	FALSE
0,056	0,280	0,004	0,010	0,138	FALSE
-0,241	0,278	-0,011	0,011	0,470	FALSE
0,064	0,303	0,002	0,009	0,066	FALSE
0,095	0,276	0,008	0,012	0,287	FALSE
0,048	0,277	0,001	0,007	0,066	FALSE
0,003	0,289	0,000	0,010	0,001	FALSE
0,098	0,294	0,003	0,012	0,111	FALSE
0,004	0,279	0,001	0,011	0,034	FALSE
-0,035	0,274	-0,002	0,007	0,101	FALSE
0,033	0,285	0,002	0,010	0,085	FALSE
-0,027	0,300	-0,001	0,007	0,030	FALSE
-0,186	0,271	-0,009	0,012	0,325	FALSE
-0,137	0,299	-0,003	0,008	0,173	FALSE
0,184	0,292	0,007	0,013	0,234	FALSE
0,189	0,291	0,007	0,013	0,225	FALSE
-0,028	0,278	-0,001	0,013	0,033	FALSE
-0,143	0,282	-0,006	0,012	0,205	FALSE
0,086	0,292	0,001	0,006	0,089	FALSE
-0,113	0,283	-0,003	0,008	0,177	FALSE
0,084	0,291	0,003	0,011	0,112	FALSE
0,120	0,296	0,004	0,011	0,139	FALSE
0,066	0,287	0,001	0,009	0,054	FALSE
0,005	0,279	0,001	0,011	0,043	FALSE
0,004	0,295	0,000	0,010	0,006	FALSE
-0,006	0,276	-0,002	0,013	0,053	FALSE
-0,016	0,275	-0,002	0,013	0,062	FALSE
-0,135	0,275	-0,004	0,011	0,145	FALSE
0,108	0,287	0,003	0,010	0,144	FALSE

-0,112	0,280	-0,003	0,008	0,142	FALSE
0,008	0,287	0,001	0,010	0,052	FALSE
-0,098	0,285	-0,003	0,010	0,135	FALSE
-0,127	0,280	-0,006	0,012	0,190	FALSE
-0,051	0,279	0,000	0,009	0,018	FALSE
0,032	0,297	0,003	0,013	0,082	FALSE
0,029	0,274	0,000	0,009	0,014	FALSE
0,145	0,297	0,005	0,011	0,180	FALSE
0,118	0,288	0,003	0,012	0,112	FALSE
0,014	0,292	0,001	0,011	0,042	FALSE
-0,008	0,285	-0,001	0,009	0,059	FALSE
-0,008	0,282	0,000	0,009	0,005	FALSE
0,045	0,300	0,002	0,013	0,069	FALSE
0,040	0,288	0,000	0,009	0,008	FALSE
0,060	0,291	0,003	0,008	0,152	FALSE
0,038	0,296	0,000	0,008	0,009	FALSE
0,104	0,280	0,002	0,010	0,089	FALSE
0,114	0,292	0,004	0,008	0,221	FALSE
-0,101	0,283	-0,001	0,011	0,038	FALSE
-0,097	0,288	-0,003	0,012	0,100	FALSE
0,118	0,296	0,004	0,011	0,145	FALSE
-0,095	0,304	-0,002	0,008	0,075	FALSE
0,025	0,287	0,002	0,007	0,112	FALSE
-0,160	0,270	-0,005	0,009	0,226	FALSE
0,182	0,279	0,006	0,013	0,200	FALSE
0,031	0,294	0,001	0,007	0,073	FALSE
-0,025	0,287	0,000	0,011	0,007	FALSE
0,049	0,299	0,002	0,012	0,057	FALSE
0,103	0,296	0,004	0,010	0,146	FALSE
-0,134	0,282	-0,002	0,006	0,127	FALSE
-0,083	0,298	-0,005	0,012	0,178	FALSE
0,100	0,293	0,006	0,012	0,195	FALSE
0,128	0,300	0,002	0,006	0,125	FALSE
0,055	0,299	0,001	0,010	0,054	FALSE
0,043	0,289	0,002	0,011	0,062	FALSE
-0,023	0,299	-0,002	0,013	0,044	FALSE
0,022	0,298	0,000	0,013	0,009	FALSE
-0,093	0,293	-0,002	0,011	0,055	FALSE
0,132	0,298	0,006	0,010	0,244	FALSE
0,116	0,287	0,003	0,010	0,129	FALSE
0,104	0,287	0,002	0,009	0,094	FALSE
0,113	0,284	0,003	0,009	0,123	FALSE
0,025	0,301	0,001	0,007	0,061	FALSE
-0,133	0,280	-0,003	0,010	0,135	FALSE
-0,089	0,284	-0,001	0,007	0,039	FALSE
0,161	0,300	0,004	0,007	0,219	FALSE
0,119	0,276	0,004	0,013	0,126	FALSE
0,015	0,297	0,000	0,012	0,000	FALSE
-0,026	0,288	0,000	0,012	0,007	FALSE
-0,121	0,282	-0,004	0,008	0,192	FALSE
-0,207	0,287	-0,004	0,007	0,240	FALSE
0,009	0,289	0,003	0,013	0,105	FALSE
-0,108	0,283	-0,004	0,012	0,132	FALSE

-0,114	0,275	-0,003	0,006	0,183	FALSE
-0,120	0,278	-0,003	0,006	0,184	FALSE
0,001	0,282	0,000	0,011	0,006	FALSE
0,081	0,284	0,001	0,013	0,021	FALSE
0,172	0,288	0,005	0,013	0,158	FALSE
0,085	0,283	0,003	0,007	0,163	FALSE
0,039	0,294	0,001	0,006	0,040	FALSE
0,135	0,283	0,006	0,011	0,215	FALSE
0,018	0,296	0,000	0,012	0,012	FALSE
0,024	0,296	0,001	0,013	0,027	FALSE
0,015	0,293	0,002	0,013	0,070	FALSE
0,129	0,303	0,003	0,008	0,145	FALSE
0,059	0,276	0,003	0,011	0,099	FALSE
0,098	0,280	0,003	0,010	0,109	FALSE
0,073	0,293	0,002	0,007	0,124	FALSE
-0,074	0,293	-0,001	0,013	0,030	FALSE
0,006	0,282	0,001	0,007	0,038	FALSE
0,054	0,289	0,001	0,009	0,040	FALSE
-0,148	0,279	-0,005	0,012	0,177	FALSE
-0,015	0,296	-0,001	0,007	0,028	FALSE
-0,007	0,282	-0,001	0,011	0,036	FALSE
0,163	0,292	0,003	0,007	0,206	FALSE
0,126	0,280	0,005	0,010	0,197	FALSE
0,076	0,295	0,001	0,008	0,067	FALSE
0,110	0,289	0,003	0,011	0,099	FALSE
-0,006	0,289	-0,001	0,007	0,057	FALSE
-0,013	0,296	-0,001	0,008	0,062	FALSE
-0,069	0,275	-0,001	0,006	0,066	FALSE
-0,135	0,292	-0,005	0,011	0,202	FALSE
0,013	0,292	-0,001	0,008	0,058	FALSE
-0,062	0,290	-0,003	0,008	0,136	FALSE
-0,151	0,281	-0,005	0,010	0,182	FALSE
-0,009	0,294	0,001	0,011	0,046	FALSE
-0,039	0,304	-0,001	0,012	0,023	FALSE
0,118	0,294	0,003	0,011	0,117	FALSE
-0,008	0,295	0,000	0,009	0,005	FALSE
-0,040	0,300	-0,001	0,007	0,044	FALSE
0,028	0,283	0,000	0,007	0,020	FALSE
-0,067	0,298	-0,002	0,007	0,089	FALSE
0,060	0,296	0,001	0,013	0,042	FALSE
0,028	0,290	0,002	0,012	0,064	FALSE
0,045	0,301	0,003	0,012	0,101	FALSE
0,090	0,278	0,002	0,008	0,078	FALSE
0,047	0,297	0,002	0,008	0,076	FALSE
0,068	0,291	0,003	0,012	0,083	FALSE
-0,029	0,286	-0,002	0,012	0,054	FALSE
-0,022	0,300	-0,001	0,010	0,034	FALSE
0,044	0,297	0,001	0,011	0,029	FALSE
0,047	0,301	0,001	0,012	0,041	FALSE
-0,114	0,286	-0,002	0,007	0,127	FALSE
0,105	0,279	0,001	0,007	0,073	FALSE
-0,126	0,279	-0,003	0,008	0,137	FALSE
0,015	0,291	0,000	0,009	0,015	FALSE

-0,041	0,293	-0,002	0,007	0,122	FALSE
0,133	0,296	0,002	0,010	0,082	FALSE
0,134	0,276	0,002	0,008	0,092	FALSE
0,056	0,289	0,001	0,007	0,051	FALSE
-0,174	0,283	-0,005	0,008	0,298	FALSE
-0,070	0,280	-0,002	0,011	0,057	FALSE
-0,028	0,281	0,000	0,011	0,014	FALSE
0,068	0,287	0,001	0,008	0,047	FALSE
-0,004	0,293	0,000	0,007	0,015	FALSE
-0,115	0,295	-0,004	0,012	0,125	FALSE
0,000	0,297	0,000	0,007	0,009	FALSE
0,118	0,284	0,001	0,006	0,063	FALSE
-0,125	0,278	-0,002	0,007	0,096	FALSE
0,158	0,301	0,006	0,012	0,202	FALSE
-0,026	0,289	-0,003	0,010	0,107	FALSE
0,071	0,289	0,004	0,011	0,154	FALSE
0,010	0,297	0,000	0,010	0,013	FALSE
0,076	0,292	0,004	0,013	0,134	FALSE
0,075	0,297	0,004	0,013	0,137	FALSE
-0,138	0,285	-0,004	0,011	0,134	FALSE
-0,146	0,288	-0,004	0,008	0,189	FALSE
0,040	0,281	0,002	0,008	0,075	FALSE
0,043	0,291	0,002	0,010	0,082	FALSE
-0,058	0,288	0,000	0,009	0,008	FALSE
-0,043	0,297	-0,003	0,009	0,121	FALSE
-0,012	0,294	-0,001	0,010	0,040	FALSE
-0,070	0,293	-0,003	0,012	0,094	FALSE
-0,051	0,280	-0,001	0,013	0,019	FALSE
-0,070	0,290	-0,002	0,008	0,088	FALSE
0,025	0,294	0,002	0,008	0,102	FALSE
-0,029	0,300	0,000	0,009	0,008	FALSE
0,073	0,291	0,002	0,007	0,097	FALSE
0,064	0,278	0,002	0,010	0,059	FALSE
-0,017	0,292	0,001	0,008	0,028	FALSE
0,010	0,296	0,001	0,012	0,031	FALSE
-0,102	0,299	-0,001	0,008	0,061	FALSE
-0,077	0,271	-0,003	0,011	0,099	FALSE
-0,035	0,285	-0,001	0,009	0,032	FALSE
0,022	0,281	0,001	0,009	0,024	FALSE
-0,036	0,287	-0,001	0,007	0,051	FALSE
0,052	0,295	0,002	0,013	0,044	FALSE
0,041	0,286	0,002	0,006	0,127	FALSE
-0,021	0,278	-0,001	0,012	0,022	FALSE
-0,035	0,277	-0,001	0,007	0,063	FALSE
-0,059	0,297	-0,002	0,013	0,068	FALSE
0,033	0,282	0,002	0,007	0,116	FALSE
-0,085	0,282	-0,002	0,007	0,126	FALSE
0,057	0,294	0,002	0,010	0,077	FALSE
0,022	0,288	0,000	0,009	0,015	FALSE
0,000	0,290	0,000	0,012	0,002	FALSE
-0,173	0,273	-0,003	0,006	0,227	FALSE
0,108	0,277	0,005	0,010	0,231	FALSE
0,084	0,285	0,001	0,006	0,063	FALSE

-0,070	0,288	-0,002	0,010	0,082	FALSE
0,010	0,292	0,001	0,007	0,035	FALSE
0,053	0,286	0,002	0,011	0,074	FALSE
-0,161	0,283	-0,004	0,009	0,202	FALSE
0,062	0,298	0,001	0,009	0,059	FALSE
0,126	0,290	0,002	0,009	0,105	FALSE
0,085	0,306	0,002	0,009	0,096	FALSE
-0,022	0,291	-0,001	0,011	0,047	FALSE
-0,017	0,291	-0,001	0,009	0,033	FALSE
0,053	0,301	0,001	0,011	0,025	FALSE
-0,033	0,284	-0,001	0,012	0,018	FALSE
-0,069	0,284	-0,003	0,013	0,103	FALSE
0,026	0,295	0,002	0,013	0,048	FALSE
-0,002	0,299	0,000	0,013	0,009	FALSE
-0,151	0,297	-0,003	0,007	0,201	FALSE
-0,032	0,293	0,000	0,006	0,023	FALSE
-0,116	0,280	-0,003	0,008	0,144	FALSE
-0,174	0,285	-0,006	0,013	0,210	FALSE
-0,198	0,291	-0,007	0,010	0,352	FALSE
-0,240	0,274	-0,009	0,010	0,412	FALSE
-0,047	0,297	-0,001	0,009	0,050	FALSE
-0,003	0,288	0,001	0,010	0,034	FALSE
-0,094	0,271	-0,002	0,008	0,081	FALSE
0,005	0,278	0,001	0,009	0,041	FALSE
-0,019	0,279	0,001	0,008	0,044	FALSE
-0,156	0,291	-0,007	0,013	0,222	FALSE
-0,152	0,269	-0,004	0,011	0,155	FALSE
-0,089	0,290	-0,002	0,012	0,074	FALSE
0,075	0,307	0,002	0,009	0,087	FALSE
-0,082	0,288	-0,004	0,010	0,156	FALSE
0,060	0,301	0,002	0,007	0,136	FALSE
-0,037	0,295	-0,001	0,011	0,032	FALSE
0,005	0,288	0,001	0,012	0,029	FALSE
0,003	0,293	0,001	0,013	0,028	FALSE
0,092	0,292	0,002	0,008	0,115	FALSE
0,004	0,291	0,000	0,012	0,004	FALSE
-0,003	0,290	-0,001	0,012	0,023	FALSE
-0,015	0,291	-0,001	0,011	0,033	FALSE
0,042	0,291	0,000	0,009	0,002	FALSE
0,186	0,274	0,008	0,013	0,299	FALSE
0,115	0,299	0,003	0,011	0,107	FALSE
0,119	0,283	0,003	0,011	0,119	FALSE
0,007	0,281	0,000	0,013	0,008	FALSE
-0,012	0,296	0,000	0,013	0,003	FALSE
-0,023	0,285	-0,001	0,007	0,044	FALSE
0,058	0,279	0,003	0,012	0,100	FALSE
-0,039	0,292	-0,002	0,010	0,068	FALSE
-0,028	0,286	-0,002	0,010	0,058	FALSE
-0,022	0,297	0,000	0,010	0,003	FALSE
-0,241	0,276	-0,008	0,010	0,380	FALSE
0,009	0,285	0,001	0,013	0,036	FALSE
-0,078	0,289	-0,002	0,010	0,066	FALSE
0,133	0,287	0,003	0,011	0,100	FALSE

-0,012	0,294	0,000	0,012	0,014	FALSE
-0,149	0,274	-0,005	0,011	0,194	FALSE
0,084	0,286	0,001	0,006	0,058	FALSE
-0,154	0,280	-0,005	0,010	0,212	FALSE
-0,095	0,295	-0,002	0,008	0,088	FALSE
0,098	0,280	0,002	0,008	0,079	FALSE
0,121	0,282	0,003	0,010	0,106	FALSE
-0,023	0,291	0,001	0,010	0,019	FALSE
-0,087	0,288	-0,002	0,010	0,078	FALSE
0,015	0,283	0,002	0,012	0,050	FALSE
0,109	0,299	0,004	0,011	0,153	FALSE
-0,069	0,286	-0,001	0,008	0,033	FALSE
0,201	0,280	0,005	0,009	0,204	FALSE
-0,138	0,284	-0,003	0,008	0,166	FALSE
0,039	0,283	0,003	0,012	0,085	FALSE
-0,069	0,283	-0,001	0,007	0,076	FALSE
-0,122	0,280	-0,003	0,007	0,160	FALSE
0,051	0,305	0,002	0,014	0,063	FALSE
0,240	0,288	0,005	0,008	0,305	FALSE
0,026	0,280	0,001	0,007	0,034	FALSE
0,012	0,287	0,001	0,010	0,044	FALSE
0,056	0,281	0,001	0,011	0,039	FALSE
-0,090	0,284	-0,004	0,012	0,129	FALSE
0,122	0,295	0,003	0,010	0,097	FALSE
-0,023	0,296	-0,001	0,013	0,018	FALSE
-0,063	0,285	-0,003	0,012	0,082	FALSE
-0,067	0,291	-0,002	0,010	0,076	FALSE
0,050	0,274	0,001	0,011	0,018	FALSE
0,055	0,288	0,001	0,010	0,027	FALSE
-0,168	0,290	-0,003	0,007	0,181	FALSE
-0,055	0,290	-0,003	0,012	0,098	FALSE
-0,127	0,289	-0,004	0,010	0,152	FALSE
-0,160	0,290	-0,005	0,012	0,186	FALSE
0,002	0,288	0,001	0,010	0,041	FALSE
-0,043	0,303	-0,002	0,008	0,077	FALSE
0,001	0,277	-0,002	0,012	0,049	FALSE
0,074	0,288	0,003	0,013	0,079	FALSE
-0,082	0,289	-0,002	0,008	0,090	FALSE
-0,048	0,295	-0,001	0,008	0,063	FALSE
0,056	0,304	0,001	0,014	0,031	FALSE
-0,024	0,300	-0,001	0,012	0,015	FALSE
0,067	0,271	-0,001	0,010	0,027	FALSE
-0,007	0,296	0,001	0,013	0,020	FALSE
0,135	0,284	0,004	0,012	0,144	FALSE
0,093	0,288	0,003	0,012	0,090	FALSE
-0,189	0,277	-0,006	0,011	0,226	FALSE
0,098	0,302	0,004	0,013	0,114	FALSE
0,166	0,288	0,005	0,008	0,276	FALSE
0,156	0,293	0,004	0,007	0,251	FALSE
-0,035	0,291	-0,001	0,010	0,052	FALSE
0,111	0,291	0,003	0,007	0,156	FALSE
0,062	0,293	0,002	0,013	0,065	FALSE
0,008	0,296	0,000	0,007	0,016	FALSE

0,001	0,283	0,000	0,010	0,016	FALSE
-0,131	0,287	-0,005	0,009	0,276	FALSE
0,064	0,294	0,002	0,010	0,088	FALSE
-0,056	0,279	-0,005	0,013	0,153	FALSE
0,107	0,293	0,002	0,007	0,087	FALSE
-0,143	0,288	-0,003	0,007	0,182	FALSE
0,043	0,291	0,001	0,006	0,053	FALSE
0,040	0,299	0,002	0,010	0,073	FALSE
0,076	0,299	0,003	0,009	0,121	FALSE
-0,025	0,287	-0,001	0,012	0,029	FALSE
-0,164	0,276	-0,007	0,010	0,317	FALSE
0,150	0,283	0,004	0,006	0,295	FALSE
-0,088	0,285	-0,003	0,012	0,114	FALSE
-0,131	0,283	-0,004	0,008	0,178	FALSE
-0,028	0,291	0,000	0,009	0,018	FALSE
-0,023	0,285	0,000	0,012	0,002	FALSE
-0,007	0,297	0,000	0,012	0,003	FALSE
-0,088	0,290	-0,002	0,008	0,108	FALSE
-0,012	0,283	0,000	0,012	0,014	FALSE
0,164	0,279	0,003	0,008	0,159	FALSE
0,001	0,287	0,000	0,013	0,006	FALSE
0,002	0,283	0,000	0,013	0,008	FALSE
0,084	0,282	0,001	0,007	0,042	FALSE
0,026	0,288	0,000	0,010	0,015	FALSE
-0,039	0,294	-0,001	0,007	0,033	FALSE
0,106	0,287	0,002	0,009	0,102	FALSE
0,012	0,299	0,001	0,013	0,029	FALSE
0,049	0,294	0,002	0,008	0,096	FALSE
0,029	0,285	-0,001	0,012	0,018	FALSE
0,040	0,286	0,001	0,007	0,045	FALSE
0,041	0,291	0,001	0,006	0,081	FALSE
0,018	0,295	0,000	0,007	0,006	FALSE
-0,125	0,275	-0,002	0,008	0,103	FALSE
-0,060	0,296	-0,004	0,012	0,116	FALSE
-0,043	0,274	0,000	0,012	0,000	FALSE
-0,010	0,294	0,001	0,010	0,030	FALSE
0,037	0,285	0,001	0,007	0,034	FALSE
0,068	0,300	0,001	0,012	0,033	FALSE
0,107	0,300	0,003	0,012	0,084	FALSE
0,026	0,291	0,001	0,009	0,021	FALSE
-0,084	0,302	-0,005	0,013	0,144	FALSE
-0,181	0,270	-0,007	0,011	0,256	FALSE
-0,146	0,282	-0,003	0,008	0,178	FALSE
0,026	0,288	0,001	0,007	0,026	FALSE
0,067	0,295	0,001	0,007	0,071	FALSE
-0,018	0,286	0,000	0,006	0,017	FALSE
0,050	0,294	0,001	0,013	0,031	FALSE
-0,028	0,294	0,000	0,009	0,001	FALSE
0,082	0,277	0,002	0,008	0,090	FALSE
0,033	0,296	0,001	0,011	0,021	FALSE
-0,042	0,285	-0,002	0,013	0,048	FALSE
0,022	0,284	0,002	0,013	0,055	FALSE
0,108	0,285	0,002	0,009	0,090	FALSE

0,007	0,296	0,000	0,008	0,001	FALSE
0,083	0,296	0,003	0,012	0,091	FALSE
0,104	0,302	0,003	0,011	0,119	FALSE
-0,091	0,281	-0,003	0,012	0,101	FALSE
0,003	0,289	0,001	0,009	0,046	FALSE
0,053	0,300	0,002	0,013	0,045	FALSE
-0,038	0,288	-0,002	0,013	0,068	FALSE
0,047	0,292	0,003	0,013	0,075	FALSE
-0,039	0,287	0,000	0,008	0,009	FALSE
-0,041	0,291	0,000	0,008	0,003	FALSE
0,040	0,286	0,000	0,007	0,019	FALSE
-0,074	0,292	-0,002	0,008	0,078	FALSE
0,050	0,301	0,002	0,011	0,074	FALSE
-0,001	0,280	0,001	0,006	0,066	FALSE
0,052	0,287	0,002	0,007	0,106	FALSE
0,222	0,278	0,008	0,010	0,374	FALSE
-0,100	0,302	-0,002	0,013	0,073	FALSE
0,123	0,288	0,004	0,010	0,195	FALSE
-0,062	0,293	-0,003	0,011	0,103	FALSE
-0,089	0,282	-0,004	0,011	0,136	FALSE
-0,006	0,302	0,000	0,006	0,001	FALSE
0,046	0,295	0,001	0,008	0,049	FALSE
0,067	0,309	0,003	0,013	0,081	FALSE
0,091	0,295	0,003	0,012	0,096	FALSE
0,020	0,286	0,000	0,006	0,012	FALSE
0,070	0,288	0,002	0,013	0,055	FALSE
-0,037	0,299	-0,001	0,012	0,017	FALSE
-0,089	0,290	-0,001	0,009	0,043	FALSE
-0,015	0,302	-0,002	0,012	0,069	FALSE
-0,038	0,298	-0,004	0,013	0,106	FALSE
0,117	0,285	0,005	0,009	0,231	FALSE
0,225	0,285	0,010	0,012	0,388	TRUE
-0,099	0,287	-0,003	0,012	0,104	FALSE
0,189	0,294	0,007	0,011	0,276	FALSE
-0,216	0,281	-0,004	0,008	0,252	FALSE
0,101	0,289	0,004	0,008	0,181	FALSE
-0,025	0,291	-0,002	0,008	0,116	FALSE
0,082	0,283	0,005	0,012	0,180	FALSE
-0,108	0,297	-0,003	0,011	0,111	FALSE
-0,028	0,286	0,000	0,008	0,019	FALSE
-0,045	0,276	-0,001	0,007	0,043	FALSE
-0,089	0,291	-0,003	0,010	0,125	FALSE
0,175	0,270	0,007	0,012	0,256	FALSE
0,109	0,294	0,001	0,009	0,061	FALSE
-0,012	0,297	-0,002	0,010	0,073	FALSE
-0,005	0,286	-0,001	0,009	0,042	FALSE
0,012	0,277	0,000	0,009	0,017	FALSE
0,068	0,286	0,001	0,007	0,029	FALSE
0,003	0,288	0,001	0,013	0,031	FALSE
0,043	0,294	0,003	0,013	0,093	FALSE
-0,089	0,281	-0,002	0,008	0,078	FALSE
-0,045	0,280	-0,001	0,010	0,034	FALSE
-0,001	0,268	0,001	0,010	0,023	FALSE

0,122	0,283	0,003	0,008	0,148	FALSE
-0,063	0,281	-0,003	0,010	0,122	FALSE
-0,105	0,283	-0,005	0,013	0,157	FALSE
-0,010	0,305	-0,001	0,010	0,026	FALSE
-0,041	0,301	-0,001	0,009	0,023	FALSE
-0,021	0,283	-0,002	0,011	0,068	FALSE
0,078	0,301	0,004	0,012	0,127	FALSE
0,083	0,279	0,003	0,009	0,114	FALSE
-0,041	0,281	0,001	0,011	0,021	FALSE
0,002	0,298	0,000	0,012	0,005	FALSE
0,008	0,284	0,001	0,007	0,048	FALSE
0,006	0,284	0,001	0,010	0,047	FALSE
-0,018	0,295	0,000	0,007	0,009	FALSE
-0,058	0,289	-0,003	0,012	0,092	FALSE
-0,059	0,279	0,000	0,010	0,011	FALSE
0,023	0,286	-0,001	0,007	0,027	FALSE
-0,015	0,295	-0,001	0,007	0,062	FALSE
0,076	0,303	0,001	0,008	0,055	FALSE
0,045	0,304	0,001	0,008	0,044	FALSE
0,068	0,307	0,002	0,013	0,070	FALSE
-0,047	0,282	-0,001	0,007	0,031	FALSE
-0,011	0,302	0,001	0,011	0,046	FALSE
-0,015	0,288	0,001	0,007	0,043	FALSE
0,057	0,294	0,002	0,008	0,094	FALSE
0,039	0,305	0,000	0,008	0,004	FALSE
0,016	0,289	0,001	0,008	0,055	FALSE
-0,014	0,297	0,000	0,008	0,000	FALSE
0,025	0,292	0,000	0,006	0,014	FALSE
0,024	0,290	-0,001	0,008	0,031	FALSE
-0,031	0,302	-0,002	0,011	0,061	FALSE
-0,047	0,278	-0,004	0,009	0,166	FALSE
-0,079	0,289	-0,004	0,012	0,118	FALSE
-0,066	0,298	-0,001	0,006	0,055	FALSE
-0,081	0,283	-0,001	0,007	0,069	FALSE
-0,059	0,289	-0,001	0,006	0,038	FALSE
0,017	0,298	0,000	0,012	0,007	FALSE
0,054	0,288	0,001	0,012	0,042	FALSE
0,134	0,280	0,004	0,009	0,206	FALSE
-0,030	0,282	0,000	0,006	0,015	FALSE
0,037	0,284	0,000	0,007	0,007	FALSE
-0,026	0,289	0,000	0,013	0,007	FALSE
-0,026	0,279	-0,001	0,007	0,032	FALSE
-0,033	0,304	-0,001	0,008	0,045	FALSE
0,045	0,280	0,000	0,012	0,005	FALSE
0,057	0,298	0,001	0,013	0,025	FALSE
0,027	0,290	0,001	0,012	0,040	FALSE
-0,147	0,290	-0,003	0,007	0,189	FALSE
0,007	0,280	-0,001	0,006	0,045	FALSE
-0,067	0,288	-0,002	0,012	0,059	FALSE
0,040	0,295	0,002	0,007	0,078	FALSE
0,014	0,285	0,000	0,008	0,008	FALSE
0,029	0,280	-0,001	0,010	0,029	FALSE
-0,060	0,280	-0,003	0,011	0,093	FALSE

-0,071	0,286	-0,003	0,012	0,114	FALSE
0,011	0,275	0,003	0,010	0,129	FALSE
-0,111	0,282	-0,002	0,008	0,099	FALSE
0,050	0,284	0,001	0,012	0,044	FALSE
0,016	0,280	0,000	0,008	0,003	FALSE
0,103	0,302	0,003	0,010	0,102	FALSE
-0,046	0,293	-0,002	0,010	0,075	FALSE
-0,076	0,283	-0,003	0,008	0,120	FALSE
-0,027	0,282	0,000	0,007	0,023	FALSE
0,172	0,280	0,005	0,008	0,278	FALSE
-0,042	0,295	-0,002	0,010	0,077	FALSE
-0,017	0,286	0,000	0,007	0,019	FALSE
-0,158	0,284	-0,003	0,006	0,224	FALSE
0,076	0,288	0,001	0,012	0,026	FALSE
-0,070	0,294	-0,001	0,009	0,054	FALSE
-0,054	0,293	0,000	0,007	0,013	FALSE
-0,011	0,306	-0,002	0,012	0,068	FALSE
0,041	0,302	0,002	0,012	0,076	FALSE
0,054	0,280	0,004	0,011	0,161	FALSE
-0,105	0,295	-0,001	0,007	0,058	FALSE
0,032	0,287	0,003	0,011	0,103	FALSE
-0,075	0,300	-0,001	0,007	0,044	FALSE
0,051	0,292	0,001	0,010	0,034	FALSE
0,078	0,285	0,000	0,011	0,011	FALSE
0,039	0,294	0,002	0,008	0,069	FALSE
0,048	0,286	0,002	0,007	0,097	FALSE
-0,005	0,287	0,001	0,007	0,051	FALSE
0,041	0,299	0,002	0,013	0,065	FALSE
-0,028	0,287	-0,002	0,009	0,085	FALSE
-0,133	0,280	-0,002	0,007	0,090	FALSE
0,011	0,308	0,001	0,010	0,037	FALSE
-0,138	0,286	-0,003	0,008	0,129	FALSE
-0,117	0,284	-0,004	0,010	0,172	FALSE
-0,118	0,281	-0,005	0,011	0,187	FALSE
-0,009	0,298	0,000	0,012	0,013	FALSE
0,070	0,304	0,002	0,013	0,048	FALSE
0,009	0,298	0,000	0,009	0,015	FALSE
-0,049	0,295	-0,002	0,012	0,071	FALSE
-0,059	0,279	-0,001	0,006	0,076	FALSE
-0,017	0,275	-0,001	0,010	0,041	FALSE
0,023	0,310	0,000	0,011	0,016	FALSE
0,026	0,299	0,001	0,010	0,019	FALSE
-0,087	0,288	0,000	0,008	0,020	FALSE
-0,024	0,300	-0,001	0,010	0,033	FALSE
0,062	0,294	0,001	0,007	0,053	FALSE
-0,096	0,315	-0,003	0,013	0,090	FALSE
-0,017	0,289	0,000	0,007	0,018	FALSE
-0,014	0,284	0,000	0,012	0,011	FALSE
0,085	0,289	0,004	0,012	0,130	FALSE
-0,114	0,288	-0,005	0,013	0,139	FALSE
0,078	0,285	0,002	0,008	0,120	FALSE
0,055	0,290	0,001	0,007	0,041	FALSE
-0,049	0,298	-0,002	0,008	0,100	FALSE

-0,036	0,282	0,001	0,011	0,022	FALSE
0,037	0,291	0,000	0,013	0,005	FALSE
-0,010	0,305	-0,001	0,007	0,027	FALSE
0,073	0,295	0,001	0,010	0,028	FALSE
-0,023	0,288	0,000	0,012	0,000	FALSE
0,021	0,279	0,000	0,009	0,001	FALSE
-0,083	0,299	-0,005	0,010	0,205	FALSE
-0,103	0,282	-0,005	0,010	0,187	FALSE
0,076	0,299	0,002	0,014	0,053	FALSE
-0,008	0,289	0,001	0,012	0,035	FALSE
0,111	0,283	0,004	0,007	0,224	FALSE
0,121	0,281	0,003	0,007	0,223	FALSE
0,138	0,287	0,005	0,007	0,277	FALSE
-0,067	0,295	-0,002	0,009	0,081	FALSE
0,098	0,297	0,002	0,007	0,145	FALSE
0,034	0,282	0,000	0,010	0,016	FALSE
-0,041	0,288	-0,002	0,011	0,073	FALSE
-0,062	0,293	-0,002	0,010	0,090	FALSE
0,087	0,285	0,003	0,007	0,201	FALSE
-0,061	0,287	-0,003	0,010	0,120	FALSE
0,019	0,304	0,000	0,007	0,020	FALSE
-0,019	0,298	-0,001	0,008	0,046	FALSE
-0,128	0,292	-0,006	0,011	0,227	FALSE
0,014	0,290	0,002	0,012	0,062	FALSE
-0,054	0,301	-0,001	0,008	0,038	FALSE
0,054	0,288	0,002	0,008	0,082	FALSE
-0,008	0,294	0,000	0,006	0,009	FALSE
0,011	0,281	0,000	0,008	0,022	FALSE
-0,014	0,295	-0,001	0,006	0,034	FALSE
-0,109	0,293	-0,004	0,010	0,140	FALSE
0,030	0,284	0,000	0,006	0,023	FALSE
-0,196	0,284	-0,007	0,012	0,260	FALSE
0,088	0,304	0,004	0,013	0,122	FALSE
0,082	0,300	0,002	0,010	0,091	FALSE
0,105	0,289	0,003	0,011	0,117	FALSE
0,123	0,304	0,004	0,011	0,135	FALSE
0,115	0,275	0,004	0,011	0,127	FALSE
-0,201	0,282	-0,008	0,012	0,303	FALSE
-0,076	0,294	-0,003	0,010	0,137	FALSE
-0,005	0,278	0,000	0,012	0,004	FALSE
-0,071	0,280	-0,001	0,007	0,046	FALSE
0,090	0,295	0,003	0,010	0,117	FALSE
-0,123	0,285	-0,007	0,012	0,239	FALSE
-0,069	0,289	-0,004	0,012	0,112	FALSE
-0,010	0,295	-0,001	0,008	0,043	FALSE
-0,153	0,289	-0,004	0,008	0,199	FALSE
-0,046	0,281	-0,001	0,006	0,030	FALSE
0,016	0,300	0,000	0,008	0,002	FALSE
-0,045	0,301	-0,003	0,011	0,091	FALSE
-0,059	0,294	-0,003	0,011	0,103	FALSE
-0,046	0,288	-0,002	0,010	0,073	FALSE
0,028	0,278	0,000	0,008	0,015	FALSE
-0,062	0,309	-0,002	0,011	0,054	FALSE

-0,165	0,283	-0,003	0,010	0,114	FALSE
-0,050	0,296	-0,002	0,013	0,063	FALSE
-0,130	0,279	-0,005	0,009	0,252	FALSE
-0,115	0,277	-0,005	0,009	0,234	FALSE
-0,095	0,291	-0,004	0,010	0,187	FALSE
-0,017	0,295	0,000	0,008	0,013	FALSE
-0,033	0,288	0,000	0,008	0,006	FALSE
0,043	0,286	0,002	0,008	0,078	FALSE
0,054	0,301	0,000	0,008	0,008	FALSE
0,039	0,288	0,001	0,008	0,050	FALSE
-0,026	0,291	0,000	0,012	0,005	FALSE
0,145	0,284	0,004	0,007	0,228	FALSE
-0,014	0,288	0,000	0,013	0,004	FALSE
-0,009	0,275	0,000	0,012	0,008	FALSE
0,144	0,292	0,004	0,011	0,132	FALSE
0,045	0,292	0,003	0,013	0,100	FALSE
-0,019	0,302	0,000	0,013	0,014	FALSE
-0,120	0,276	-0,003	0,010	0,122	FALSE
-0,011	0,297	0,001	0,011	0,022	FALSE
0,077	0,287	0,003	0,009	0,126	FALSE
-0,097	0,292	-0,001	0,009	0,046	FALSE
0,003	0,287	0,001	0,012	0,020	FALSE
-0,008	0,295	0,000	0,011	0,003	FALSE
0,088	0,280	0,001	0,012	0,038	FALSE
0,109	0,291	0,001	0,007	0,053	FALSE
0,006	0,275	0,000	0,011	0,001	FALSE
0,199	0,286	0,005	0,010	0,225	FALSE
0,007	0,294	-0,001	0,010	0,023	FALSE
0,134	0,294	0,003	0,010	0,110	FALSE
-0,120	0,296	-0,003	0,009	0,135	FALSE
0,098	0,295	0,004	0,010	0,147	FALSE
0,122	0,285	0,005	0,011	0,166	FALSE
0,033	0,287	0,001	0,012	0,033	FALSE
-0,049	0,294	-0,002	0,013	0,060	FALSE
-0,045	0,278	0,000	0,008	0,007	FALSE
0,037	0,288	0,002	0,007	0,096	FALSE
-0,095	0,296	-0,003	0,008	0,126	FALSE
-0,052	0,276	-0,002	0,006	0,116	FALSE
-0,063	0,293	-0,001	0,008	0,024	FALSE
0,154	0,283	0,004	0,013	0,108	FALSE
0,028	0,297	0,002	0,008	0,093	FALSE
-0,013	0,272	0,000	0,007	0,014	FALSE
0,057	0,289	0,001	0,006	0,062	FALSE
0,011	0,300	0,001	0,008	0,024	FALSE
-0,106	0,291	-0,002	0,008	0,125	FALSE
0,045	0,300	0,001	0,007	0,038	FALSE
-0,046	0,278	-0,001	0,011	0,042	FALSE
0,089	0,278	0,001	0,013	0,042	FALSE
-0,002	0,299	0,001	0,007	0,028	FALSE
0,120	0,286	0,003	0,012	0,105	FALSE
0,064	0,303	0,000	0,008	0,014	FALSE
0,043	0,288	0,002	0,009	0,089	FALSE
-0,119	0,284	-0,006	0,011	0,217	FALSE

0,071	0,290	0,002	0,010	0,077	FALSE
-0,076	0,294	-0,003	0,010	0,128	FALSE
0,016	0,292	0,000	0,007	0,021	FALSE
-0,071	0,301	-0,002	0,007	0,097	FALSE
-0,031	0,291	-0,002	0,008	0,096	FALSE
0,021	0,281	0,002	0,007	0,079	FALSE
-0,143	0,283	-0,003	0,008	0,148	FALSE
-0,092	0,276	-0,003	0,011	0,111	FALSE
0,131	0,300	0,003	0,007	0,150	FALSE
-0,010	0,290	0,001	0,012	0,029	FALSE
0,011	0,281	0,001	0,011	0,027	FALSE
0,095	0,302	0,003	0,007	0,135	FALSE
-0,129	0,293	-0,003	0,006	0,197	FALSE
0,143	0,306	0,003	0,007	0,188	FALSE
0,060	0,288	0,002	0,007	0,111	FALSE
-0,091	0,282	-0,001	0,009	0,057	FALSE
0,205	0,278	0,006	0,007	0,401	FALSE
0,110	0,297	0,003	0,010	0,129	FALSE
0,075	0,295	0,003	0,011	0,091	FALSE
-0,074	0,299	-0,003	0,010	0,127	FALSE
0,039	0,285	0,004	0,013	0,115	FALSE
-0,102	0,290	-0,006	0,013	0,176	FALSE
0,033	0,284	0,001	0,010	0,037	FALSE
0,045	0,280	0,002	0,007	0,116	FALSE
0,026	0,281	0,002	0,009	0,084	FALSE
-0,023	0,287	0,001	0,009	0,033	FALSE
-0,022	0,292	0,001	0,010	0,027	FALSE
-0,038	0,285	0,000	0,010	0,003	FALSE
-0,065	0,278	-0,001	0,009	0,041	FALSE
-0,045	0,287	0,000	0,010	0,009	FALSE
0,000	0,291	-0,001	0,012	0,039	FALSE
0,047	0,284	0,002	0,008	0,109	FALSE
-0,049	0,299	-0,002	0,010	0,077	FALSE
-0,050	0,293	-0,002	0,010	0,063	FALSE
0,038	0,300	0,001	0,008	0,065	FALSE
-0,049	0,291	-0,002	0,010	0,063	FALSE
0,098	0,285	0,001	0,007	0,045	FALSE
0,128	0,277	0,007	0,013	0,218	FALSE
0,163	0,281	0,003	0,006	0,162	FALSE
0,159	0,290	0,003	0,009	0,115	FALSE
-0,018	0,304	0,000	0,007	0,011	FALSE
0,007	0,294	0,000	0,007	0,016	FALSE
0,172	0,277	0,004	0,008	0,208	FALSE
0,003	0,303	0,000	0,008	0,016	FALSE
0,052	0,303	0,002	0,008	0,100	FALSE
-0,023	0,283	0,000	0,011	0,010	FALSE
-0,071	0,278	-0,001	0,012	0,026	FALSE
-0,005	0,304	0,000	0,012	0,008	FALSE
-0,043	0,287	-0,001	0,008	0,051	FALSE
-0,044	0,292	-0,001	0,013	0,029	FALSE
0,045	0,281	0,003	0,009	0,116	FALSE
0,026	0,280	0,002	0,009	0,093	FALSE
0,058	0,287	0,003	0,009	0,113	FALSE

-0,015	0,292	-0,001	0,007	0,028	FALSE
-0,030	0,285	0,001	0,011	0,020	FALSE
0,062	0,275	0,003	0,010	0,121	FALSE
-0,002	0,286	0,002	0,008	0,088	FALSE
0,030	0,301	0,001	0,012	0,019	FALSE
-0,093	0,304	-0,003	0,007	0,149	FALSE
0,058	0,301	0,003	0,011	0,084	FALSE
0,045	0,283	0,000	0,010	0,014	FALSE
0,098	0,285	0,003	0,011	0,119	FALSE
0,047	0,296	0,001	0,013	0,022	FALSE
0,044	0,294	0,001	0,013	0,015	FALSE
0,073	0,280	0,001	0,008	0,022	FALSE
-0,016	0,283	-0,001	0,010	0,019	FALSE
-0,028	0,281	-0,002	0,012	0,061	FALSE
-0,031	0,292	-0,002	0,012	0,048	FALSE
0,009	0,312	0,000	0,008	0,019	FALSE
-0,127	0,266	-0,007	0,013	0,242	FALSE
-0,098	0,282	-0,001	0,013	0,032	FALSE
-0,104	0,270	-0,002	0,008	0,101	FALSE
-0,035	0,296	0,000	0,007	0,021	FALSE
0,043	0,291	0,003	0,012	0,110	FALSE
-0,138	0,287	-0,005	0,012	0,148	FALSE
0,027	0,280	0,000	0,006	0,019	FALSE
-0,048	0,288	-0,001	0,008	0,036	FALSE
0,082	0,293	0,002	0,008	0,098	FALSE
-0,088	0,271	-0,003	0,008	0,152	FALSE
-0,066	0,297	-0,002	0,009	0,097	FALSE
0,048	0,290	0,000	0,013	0,005	FALSE
0,029	0,283	-0,001	0,012	0,019	FALSE
0,112	0,288	0,003	0,012	0,104	FALSE
-0,099	0,298	-0,003	0,007	0,184	FALSE
0,023	0,291	0,000	0,008	0,011	FALSE
-0,063	0,289	-0,003	0,013	0,095	FALSE
-0,083	0,286	-0,004	0,013	0,130	FALSE
-0,033	0,287	0,001	0,008	0,030	FALSE
0,047	0,280	0,002	0,013	0,069	FALSE
0,058	0,277	0,000	0,011	0,007	FALSE
0,080	0,294	0,003	0,007	0,146	FALSE
-0,012	0,299	-0,001	0,008	0,027	FALSE
0,071	0,297	0,001	0,007	0,068	FALSE
0,031	0,291	0,000	0,013	0,013	FALSE
-0,058	0,293	-0,002	0,006	0,116	FALSE
0,045	0,283	0,001	0,011	0,016	FALSE
0,088	0,301	0,002	0,007	0,093	FALSE
-0,031	0,298	-0,002	0,013	0,069	FALSE
-0,024	0,279	-0,002	0,012	0,062	FALSE
-0,063	0,273	-0,002	0,010	0,064	FALSE
-0,150	0,293	-0,003	0,006	0,194	FALSE
0,077	0,284	0,004	0,013	0,120	FALSE
0,073	0,285	0,002	0,009	0,102	FALSE
0,094	0,290	0,001	0,007	0,055	FALSE
-0,037	0,294	-0,002	0,007	0,091	FALSE
-0,116	0,287	-0,004	0,008	0,231	FALSE

0,128	0,284	0,003	0,007	0,190	FALSE
0,112	0,292	0,002	0,006	0,151	FALSE
0,146	0,288	0,005	0,008	0,286	FALSE
0,013	0,291	0,002	0,012	0,052	FALSE
0,035	0,296	0,002	0,009	0,068	FALSE
-0,042	0,287	-0,001	0,008	0,037	FALSE
0,127	0,288	0,004	0,012	0,136	FALSE
-0,038	0,284	-0,002	0,007	0,104	FALSE
0,030	0,292	0,001	0,010	0,024	FALSE
-0,023	0,290	-0,001	0,009	0,053	FALSE
-0,043	0,300	-0,002	0,009	0,087	FALSE
0,073	0,292	0,003	0,009	0,137	FALSE
0,044	0,293	0,003	0,009	0,133	FALSE
-0,030	0,284	0,000	0,007	0,013	FALSE
0,025	0,281	0,001	0,007	0,056	FALSE
-0,068	0,295	-0,001	0,010	0,046	FALSE
0,061	0,291	0,001	0,006	0,069	FALSE
0,073	0,286	0,001	0,006	0,082	FALSE
-0,164	0,296	-0,003	0,008	0,185	FALSE
-0,155	0,293	-0,003	0,007	0,193	FALSE
-0,139	0,299	-0,003	0,008	0,164	FALSE
-0,171	0,289	-0,004	0,008	0,211	FALSE
0,022	0,286	0,001	0,010	0,020	FALSE
0,078	0,303	0,003	0,012	0,088	FALSE
-0,016	0,295	0,001	0,009	0,021	FALSE
-0,100	0,287	-0,002	0,009	0,077	FALSE
-0,170	0,282	-0,004	0,009	0,175	FALSE
0,099	0,290	0,001	0,007	0,063	FALSE
0,029	0,295	0,002	0,007	0,114	FALSE
-0,149	0,290	-0,003	0,007	0,166	FALSE
0,064	0,276	0,001	0,007	0,070	FALSE
0,057	0,290	0,001	0,008	0,024	FALSE
0,049	0,295	0,004	0,013	0,108	FALSE
0,085	0,277	0,001	0,008	0,057	FALSE
-0,029	0,299	-0,003	0,011	0,102	FALSE
-0,168	0,287	-0,004	0,006	0,254	FALSE
-0,102	0,295	-0,002	0,008	0,104	FALSE
-0,109	0,294	-0,004	0,013	0,124	FALSE
0,058	0,304	0,001	0,007	0,035	FALSE
-0,003	0,288	0,000	0,012	0,001	FALSE
-0,113	0,279	-0,005	0,013	0,140	FALSE
0,162	0,286	0,005	0,009	0,221	FALSE
-0,122	0,296	-0,003	0,009	0,140	FALSE
0,016	0,277	0,002	0,009	0,064	FALSE
0,191	0,266	0,005	0,008	0,311	FALSE
-0,049	0,272	0,000	0,009	0,002	FALSE
-0,019	0,286	-0,002	0,013	0,067	FALSE
0,061	0,294	0,003	0,012	0,088	FALSE
0,085	0,283	0,002	0,008	0,083	FALSE
0,114	0,282	0,003	0,009	0,125	FALSE
0,004	0,278	0,001	0,010	0,031	FALSE
0,020	0,301	0,000	0,008	0,006	FALSE
0,182	0,279	0,007	0,011	0,268	FALSE

0,144	0,284	0,006	0,011	0,219	FALSE
-0,109	0,297	-0,005	0,011	0,164	FALSE
0,059	0,288	0,002	0,012	0,073	FALSE
-0,038	0,286	-0,001	0,013	0,042	FALSE
-0,102	0,294	-0,003	0,011	0,103	FALSE
-0,056	0,292	-0,002	0,013	0,047	FALSE
-0,016	0,293	0,000	0,013	0,007	FALSE
0,116	0,299	0,004	0,012	0,127	FALSE
0,111	0,296	0,002	0,008	0,086	FALSE
-0,063	0,285	-0,002	0,007	0,078	FALSE
-0,065	0,275	0,000	0,008	0,008	FALSE
0,209	0,283	0,009	0,012	0,322	FALSE
0,217	0,264	0,009	0,012	0,368	FALSE
-0,053	0,283	-0,001	0,006	0,073	FALSE
0,026	0,291	0,001	0,007	0,063	FALSE
0,037	0,287	0,001	0,013	0,037	FALSE
0,168	0,280	0,006	0,013	0,205	FALSE
0,011	0,283	0,000	0,008	0,011	FALSE
0,060	0,296	0,001	0,010	0,041	FALSE
0,063	0,295	0,001	0,010	0,026	FALSE
0,153	0,286	0,005	0,011	0,185	FALSE
-0,141	0,278	-0,004	0,008	0,237	FALSE
-0,038	0,295	-0,002	0,009	0,094	FALSE
0,242	0,277	0,005	0,007	0,319	FALSE
-0,019	0,288	-0,001	0,007	0,055	FALSE
-0,034	0,290	-0,002	0,010	0,079	FALSE
0,093	0,288	0,004	0,012	0,115	FALSE
-0,071	0,276	0,000	0,006	0,017	FALSE
-0,072	0,307	-0,004	0,013	0,120	FALSE
-0,037	0,292	-0,001	0,007	0,061	FALSE
-0,048	0,287	-0,001	0,012	0,025	FALSE
0,153	0,286	0,004	0,008	0,227	FALSE
0,081	0,294	0,004	0,013	0,130	FALSE
-0,061	0,288	-0,001	0,009	0,026	FALSE
0,048	0,295	0,002	0,008	0,090	FALSE
-0,017	0,281	0,000	0,006	0,017	FALSE
0,073	0,286	0,003	0,009	0,121	FALSE
-0,011	0,297	0,000	0,012	0,003	FALSE
-0,084	0,297	-0,001	0,013	0,021	FALSE
-0,086	0,296	-0,003	0,009	0,121	FALSE
0,018	0,281	0,001	0,009	0,058	FALSE
0,137	0,290	0,004	0,010	0,159	FALSE
0,093	0,290	0,003	0,013	0,088	FALSE
0,128	0,296	0,002	0,007	0,125	FALSE
0,088	0,300	0,002	0,008	0,083	FALSE
0,148	0,291	0,003	0,008	0,163	FALSE
-0,151	0,272	-0,006	0,008	0,299	FALSE
-0,195	0,286	-0,010	0,013	0,373	FALSE
0,221	0,277	0,008	0,011	0,358	FALSE
0,208	0,288	0,008	0,011	0,314	FALSE
-0,011	0,303	-0,003	0,013	0,100	FALSE
0,192	0,290	0,007	0,011	0,281	FALSE
0,090	0,276	0,003	0,012	0,109	FALSE

0,009	0,279	0,000	0,012	0,013	FALSE
-0,034	0,273	-0,003	0,009	0,111	FALSE
-0,024	0,277	-0,003	0,010	0,102	FALSE
-0,013	0,290	-0,002	0,009	0,088	FALSE
-0,016	0,291	-0,001	0,011	0,023	FALSE
0,165	0,297	0,003	0,007	0,169	FALSE
-0,114	0,285	-0,002	0,007	0,115	FALSE
0,053	0,290	0,002	0,009	0,066	FALSE
0,005	0,291	0,001	0,013	0,026	FALSE
0,038	0,289	0,000	0,012	0,002	FALSE
0,039	0,291	0,000	0,012	0,008	FALSE
-0,019	0,287	-0,003	0,012	0,093	FALSE
-0,091	0,293	-0,003	0,010	0,095	FALSE
-0,006	0,293	0,000	0,007	0,022	FALSE
-0,193	0,284	-0,004	0,008	0,224	FALSE
-0,138	0,276	-0,003	0,006	0,233	FALSE
0,035	0,275	0,001	0,012	0,035	FALSE
-0,122	0,296	-0,004	0,010	0,152	FALSE
0,041	0,293	0,001	0,007	0,039	FALSE
-0,052	0,290	-0,001	0,012	0,027	FALSE
-0,066	0,285	-0,001	0,010	0,022	FALSE
-0,002	0,289	0,001	0,012	0,025	FALSE
0,091	0,293	0,000	0,008	0,008	FALSE
0,039	0,284	0,001	0,007	0,036	FALSE
0,001	0,298	-0,001	0,008	0,033	FALSE
0,056	0,288	0,002	0,012	0,048	FALSE
0,014	0,298	0,000	0,013	0,013	FALSE
0,014	0,297	0,000	0,010	0,015	FALSE
0,051	0,277	0,004	0,012	0,122	FALSE
0,053	0,293	0,004	0,013	0,108	FALSE
0,086	0,294	0,002	0,009	0,078	FALSE
-0,032	0,278	0,000	0,012	0,011	FALSE
0,029	0,295	0,001	0,013	0,043	FALSE
-0,049	0,291	-0,002	0,012	0,048	FALSE
-0,041	0,297	-0,002	0,011	0,056	FALSE
-0,051	0,288	-0,002	0,009	0,072	FALSE
0,031	0,295	-0,001	0,008	0,045	FALSE
0,045	0,294	0,001	0,012	0,022	FALSE
-0,058	0,302	-0,001	0,009	0,033	FALSE
0,111	0,291	0,005	0,012	0,146	FALSE
-0,137	0,276	-0,003	0,006	0,208	FALSE
-0,103	0,283	-0,003	0,011	0,091	FALSE
0,061	0,281	0,002	0,008	0,085	FALSE
0,014	0,270	0,000	0,012	0,001	FALSE
0,013	0,283	0,000	0,010	0,004	FALSE
0,076	0,289	0,001	0,011	0,026	FALSE
-0,187	0,269	-0,007	0,010	0,312	FALSE
-0,020	0,290	0,000	0,010	0,010	FALSE
-0,022	0,273	0,000	0,006	0,023	FALSE
-0,134	0,295	-0,005	0,012	0,158	FALSE
-0,104	0,280	-0,003	0,013	0,096	FALSE
-0,039	0,293	-0,002	0,008	0,098	FALSE
-0,112	0,306	-0,006	0,013	0,202	FALSE

0,008	0,291	0,001	0,013	0,034	FALSE
-0,010	0,289	0,001	0,012	0,017	FALSE
-0,065	0,295	-0,005	0,013	0,136	FALSE
-0,073	0,288	-0,002	0,011	0,082	FALSE
-0,024	0,301	-0,001	0,012	0,027	FALSE
0,009	0,301	-0,002	0,008	0,077	FALSE
-0,004	0,285	-0,002	0,008	0,098	FALSE
0,120	0,296	0,002	0,007	0,145	FALSE
0,023	0,287	-0,001	0,008	0,024	FALSE
-0,029	0,306	-0,003	0,011	0,095	FALSE
0,254	0,270	0,008	0,009	0,409	FALSE
-0,024	0,268	-0,001	0,007	0,036	FALSE
-0,113	0,281	-0,004	0,013	0,113	FALSE
0,102	0,257	0,001	0,010	0,022	FALSE
0,080	0,290	0,000	0,011	0,004	FALSE
0,068	0,293	0,000	0,012	0,012	FALSE
0,060	0,303	0,001	0,009	0,039	FALSE
0,236	0,277	0,010	0,013	0,347	FALSE
-0,135	0,292	-0,005	0,013	0,137	FALSE
-0,106	0,287	-0,003	0,008	0,152	FALSE
0,065	0,275	0,002	0,008	0,082	FALSE
0,066	0,280	0,002	0,007	0,125	FALSE
0,020	0,293	0,000	0,009	0,004	FALSE
0,049	0,278	0,002	0,012	0,067	FALSE
0,062	0,277	0,001	0,008	0,068	FALSE
-0,203	0,285	-0,008	0,012	0,321	FALSE
-0,041	0,276	-0,002	0,008	0,073	FALSE
-0,023	0,299	-0,001	0,008	0,049	FALSE
-0,005	0,280	-0,001	0,008	0,058	FALSE
-0,090	0,279	-0,001	0,012	0,022	FALSE
0,169	0,292	0,005	0,012	0,153	FALSE
0,167	0,281	0,008	0,013	0,278	FALSE
0,127	0,288	0,005	0,009	0,205	FALSE
0,040	0,302	0,001	0,008	0,064	FALSE
0,008	0,288	0,000	0,006	0,017	FALSE
0,009	0,295	0,001	0,008	0,028	FALSE
0,020	0,295	0,001	0,007	0,044	FALSE
0,160	0,278	0,003	0,007	0,170	FALSE
0,004	0,288	-0,001	0,009	0,051	FALSE
0,067	0,285	0,002	0,008	0,071	FALSE
0,064	0,293	0,004	0,011	0,122	FALSE
0,094	0,280	0,002	0,008	0,113	FALSE
-0,005	0,276	-0,002	0,011	0,065	FALSE
-0,116	0,284	-0,005	0,011	0,171	FALSE
-0,155	0,294	-0,008	0,013	0,285	FALSE
0,046	0,298	0,001	0,009	0,042	FALSE
-0,058	0,280	-0,004	0,012	0,116	FALSE
-0,020	0,283	0,001	0,013	0,032	FALSE
-0,086	0,280	-0,002	0,007	0,129	FALSE
-0,081	0,274	-0,002	0,008	0,071	FALSE
-0,028	0,276	-0,001	0,008	0,066	FALSE
-0,056	0,296	-0,002	0,009	0,096	FALSE
-0,003	0,299	0,000	0,007	0,002	FALSE

-0,009	0,288	-0,001	0,007	0,029	FALSE
0,013	0,286	0,000	0,007	0,014	FALSE
-0,141	0,271	-0,006	0,009	0,282	FALSE
-0,109	0,281	-0,002	0,008	0,100	FALSE
-0,182	0,292	-0,003	0,007	0,193	FALSE
0,137	0,280	0,006	0,012	0,207	FALSE
-0,059	0,275	-0,002	0,009	0,062	FALSE
0,065	0,280	0,002	0,006	0,113	FALSE
0,029	0,305	0,002	0,011	0,052	FALSE
-0,004	0,287	0,000	0,006	0,027	FALSE
0,005	0,300	0,001	0,014	0,017	FALSE
0,048	0,284	0,001	0,010	0,034	FALSE
-0,022	0,291	0,000	0,007	0,021	FALSE
0,012	0,290	0,000	0,007	0,016	FALSE
0,022	0,307	0,000	0,009	0,013	FALSE
0,004	0,288	0,000	0,007	0,013	FALSE
0,032	0,275	0,002	0,009	0,103	FALSE
-0,084	0,282	-0,002	0,009	0,078	FALSE
-0,123	0,290	-0,003	0,007	0,169	FALSE
0,186	0,286	0,004	0,007	0,238	FALSE
-0,007	0,292	0,000	0,008	0,017	FALSE
-0,123	0,287	-0,004	0,008	0,240	FALSE
-0,082	0,304	-0,004	0,008	0,175	FALSE
0,047	0,289	0,002	0,006	0,155	FALSE
-0,026	0,301	0,000	0,013	0,010	FALSE
0,036	0,282	0,001	0,007	0,040	FALSE
0,031	0,294	0,000	0,008	0,018	FALSE
0,003	0,306	-0,001	0,008	0,028	FALSE
0,056	0,283	0,002	0,008	0,092	FALSE
-0,070	0,295	-0,002	0,012	0,071	FALSE
-0,021	0,294	-0,003	0,012	0,097	FALSE
0,031	0,291	-0,001	0,012	0,016	FALSE
-0,044	0,294	0,000	0,012	0,013	FALSE
-0,025	0,272	-0,002	0,008	0,105	FALSE
-0,011	0,290	-0,003	0,009	0,112	FALSE
0,007	0,278	0,000	0,007	0,000	FALSE
-0,185	0,285	-0,008	0,013	0,295	FALSE
0,042	0,282	0,003	0,010	0,098	FALSE
-0,143	0,293	-0,006	0,011	0,228	FALSE
-0,069	0,294	-0,002	0,007	0,127	FALSE
0,192	0,281	0,004	0,006	0,304	FALSE
-0,037	0,285	-0,002	0,008	0,068	FALSE
-0,032	0,294	0,000	0,012	0,001	FALSE
0,035	0,289	-0,001	0,008	0,040	FALSE
-0,086	0,291	-0,003	0,008	0,142	FALSE
0,060	0,289	0,005	0,012	0,177	FALSE
-0,023	0,279	-0,001	0,011	0,030	FALSE
-0,141	0,297	-0,004	0,009	0,210	FALSE
0,073	0,275	0,005	0,012	0,168	FALSE
-0,063	0,308	-0,003	0,012	0,079	FALSE
-0,138	0,293	-0,006	0,013	0,182	FALSE
0,034	0,281	0,000	0,008	0,013	FALSE
-0,004	0,287	0,000	0,010	0,007	FALSE

-0,046	0,286	0,000	0,013	0,002	FALSE
-0,205	0,269	-0,008	0,011	0,329	FALSE
0,094	0,285	0,003	0,009	0,117	FALSE
-0,009	0,287	0,001	0,011	0,020	FALSE
-0,212	0,295	-0,009	0,014	0,286	FALSE
-0,034	0,308	0,000	0,012	0,007	FALSE
-0,161	0,285	-0,006	0,012	0,203	FALSE
0,228	0,288	0,004	0,007	0,292	FALSE
0,008	0,279	0,000	0,010	0,003	FALSE
0,029	0,280	0,002	0,009	0,081	FALSE
0,043	0,284	0,003	0,012	0,107	FALSE
0,043	0,288	0,001	0,007	0,061	FALSE
0,174	0,298	0,003	0,006	0,217	FALSE
-0,168	0,285	-0,005	0,012	0,162	FALSE
-0,098	0,275	-0,002	0,009	0,108	FALSE
0,029	0,296	0,001	0,008	0,048	FALSE
0,034	0,293	0,000	0,008	0,015	FALSE
0,038	0,285	-0,001	0,011	0,023	FALSE
-0,185	0,281	-0,007	0,011	0,267	FALSE
-0,069	0,309	-0,003	0,013	0,076	FALSE
-0,052	0,281	-0,001	0,008	0,025	FALSE
0,060	0,288	0,003	0,011	0,114	FALSE
0,030	0,298	0,001	0,010	0,020	FALSE
0,015	0,304	0,000	0,011	0,005	FALSE
-0,201	0,274	-0,004	0,008	0,228	FALSE
0,086	0,284	0,003	0,008	0,185	FALSE
-0,105	0,287	-0,002	0,007	0,088	FALSE
-0,117	0,293	-0,004	0,009	0,195	FALSE
0,074	0,289	0,001	0,008	0,034	FALSE
0,005	0,288	0,000	0,007	0,018	FALSE
-0,070	0,285	-0,001	0,008	0,067	FALSE
0,071	0,291	0,001	0,010	0,054	FALSE
0,119	0,302	0,001	0,009	0,062	FALSE
-0,136	0,283	-0,004	0,012	0,149	FALSE
-0,081	0,275	-0,002	0,011	0,078	FALSE
-0,082	0,288	-0,003	0,009	0,143	FALSE
-0,097	0,283	-0,004	0,010	0,146	FALSE
-0,079	0,276	-0,002	0,009	0,083	FALSE
0,014	0,293	0,001	0,008	0,050	FALSE
-0,097	0,276	-0,003	0,011	0,085	FALSE
-0,095	0,289	-0,003	0,012	0,095	FALSE
0,075	0,297	0,001	0,011	0,041	FALSE
-0,092	0,297	-0,004	0,014	0,123	FALSE
0,007	0,299	0,001	0,011	0,026	FALSE
0,067	0,288	0,003	0,013	0,102	FALSE
0,090	0,280	0,002	0,006	0,129	FALSE
0,117	0,291	0,005	0,013	0,153	FALSE
-0,007	0,290	0,000	0,010	0,007	FALSE
-0,097	0,290	-0,002	0,009	0,087	FALSE
0,077	0,291	0,001	0,013	0,024	FALSE
0,034	0,285	-0,001	0,008	0,032	FALSE
0,130	0,288	0,003	0,008	0,179	FALSE
0,066	0,277	0,002	0,008	0,096	FALSE

0,070	0,297	0,001	0,008	0,043	FALSE
0,082	0,294	0,001	0,008	0,055	FALSE
-0,028	0,301	-0,002	0,012	0,068	FALSE
-0,061	0,293	-0,003	0,008	0,156	FALSE
-0,005	0,290	0,000	0,008	0,000	FALSE
-0,120	0,284	-0,005	0,009	0,216	FALSE
-0,197	0,273	-0,007	0,008	0,364	FALSE
-0,189	0,269	-0,006	0,008	0,369	FALSE
0,057	0,289	0,002	0,007	0,109	FALSE
0,053	0,292	0,000	0,008	0,006	FALSE
-0,059	0,283	-0,004	0,011	0,155	FALSE
0,044	0,284	0,004	0,013	0,131	FALSE
-0,083	0,280	-0,006	0,010	0,229	FALSE
0,056	0,291	0,005	0,013	0,149	FALSE
-0,108	0,277	-0,007	0,010	0,293	FALSE
0,058	0,294	0,002	0,007	0,105	FALSE
0,017	0,292	0,001	0,012	0,042	FALSE
0,090	0,284	0,004	0,012	0,137	FALSE
-0,015	0,295	0,000	0,009	0,012	FALSE
0,039	0,286	-0,001	0,008	0,036	FALSE
0,003	0,287	-0,002	0,013	0,051	FALSE
0,059	0,294	0,002	0,010	0,060	FALSE
0,081	0,294	0,002	0,010	0,089	FALSE
0,032	0,272	-0,001	0,007	0,036	FALSE
0,069	0,304	0,002	0,013	0,061	FALSE
0,022	0,296	0,000	0,011	0,006	FALSE
0,039	0,290	0,002	0,007	0,102	FALSE
0,098	0,285	0,002	0,008	0,094	FALSE
-0,057	0,291	0,000	0,011	0,012	FALSE
0,051	0,278	0,001	0,008	0,035	FALSE
-0,020	0,289	0,001	0,011	0,042	FALSE
0,010	0,293	0,000	0,013	0,000	FALSE
-0,003	0,298	-0,001	0,012	0,019	FALSE
0,039	0,291	0,000	0,010	0,003	FALSE
-0,020	0,297	-0,002	0,013	0,070	FALSE
-0,014	0,297	0,000	0,012	0,001	FALSE
-0,015	0,292	-0,001	0,012	0,016	FALSE
-0,027	0,294	-0,001	0,013	0,018	FALSE
0,158	0,273	0,004	0,010	0,139	FALSE
0,016	0,300	0,000	0,011	0,004	FALSE
0,200	0,275	0,004	0,008	0,210	FALSE
0,088	0,293	0,003	0,010	0,109	FALSE
0,035	0,295	0,000	0,009	0,010	FALSE
-0,030	0,291	-0,001	0,007	0,058	FALSE
0,089	0,292	0,003	0,011	0,099	FALSE
-0,030	0,303	-0,001	0,007	0,069	FALSE
-0,087	0,290	-0,002	0,007	0,088	FALSE
0,197	0,282	0,010	0,011	0,462	FALSE
0,209	0,286	0,010	0,011	0,419	FALSE
-0,201	0,287	-0,009	0,012	0,355	FALSE
0,059	0,308	0,003	0,013	0,095	FALSE
0,216	0,284	0,010	0,011	0,433	FALSE
-0,206	0,286	-0,009	0,012	0,337	FALSE

-0,178	0,291	-0,007	0,011	0,283	FALSE
0,081	0,278	0,005	0,012	0,156	FALSE
-0,194	0,281	-0,008	0,011	0,316	FALSE
-0,195	0,293	-0,008	0,011	0,341	FALSE
-0,096	0,300	-0,004	0,011	0,140	FALSE
-0,104	0,294	-0,003	0,007	0,203	FALSE
-0,081	0,297	-0,002	0,010	0,064	FALSE
-0,001	0,286	0,000	0,009	0,008	FALSE
-0,135	0,287	-0,003	0,009	0,153	FALSE
-0,115	0,288	-0,003	0,009	0,114	FALSE
-0,083	0,304	-0,004	0,013	0,117	FALSE
0,032	0,289	-0,001	0,007	0,068	FALSE
0,030	0,295	0,001	0,007	0,055	FALSE
-0,036	0,292	0,000	0,011	0,014	FALSE
-0,011	0,294	0,001	0,012	0,021	FALSE
-0,053	0,290	-0,001	0,011	0,031	FALSE
0,049	0,310	-0,001	0,007	0,025	FALSE
-0,017	0,300	0,000	0,012	0,006	FALSE
-0,043	0,285	-0,001	0,011	0,036	FALSE
0,048	0,296	0,000	0,009	0,006	FALSE
-0,118	0,275	-0,002	0,006	0,128	FALSE
0,079	0,295	0,003	0,012	0,099	FALSE
-0,005	0,289	0,000	0,007	0,011	FALSE
-0,093	0,288	-0,002	0,006	0,126	FALSE
-0,014	0,295	0,002	0,011	0,065	FALSE
0,007	0,291	-0,001	0,009	0,021	FALSE
-0,033	0,292	-0,003	0,011	0,093	FALSE
0,041	0,289	0,001	0,008	0,035	FALSE
-0,115	0,281	-0,004	0,011	0,167	FALSE
-0,194	0,266	-0,007	0,011	0,305	FALSE
0,073	0,298	0,001	0,009	0,052	FALSE
0,048	0,296	0,001	0,009	0,031	FALSE
0,188	0,270	0,006	0,010	0,275	FALSE
-0,147	0,280	-0,004	0,008	0,193	FALSE
0,067	0,297	0,001	0,007	0,031	FALSE
-0,198	0,295	-0,007	0,011	0,289	FALSE
-0,038	0,272	-0,002	0,006	0,105	FALSE
-0,162	0,288	-0,007	0,012	0,248	FALSE
-0,030	0,294	0,000	0,007	0,017	FALSE
0,055	0,289	0,002	0,007	0,109	FALSE
0,006	0,281	0,001	0,007	0,044	FALSE
0,062	0,271	0,002	0,006	0,154	FALSE
0,058	0,288	0,002	0,007	0,125	FALSE
0,039	0,278	0,001	0,007	0,049	FALSE
0,080	0,292	0,002	0,007	0,149	FALSE
0,035	0,282	0,000	0,008	0,002	FALSE
-0,061	0,295	-0,001	0,007	0,029	FALSE
0,000	0,295	-0,001	0,010	0,048	FALSE
0,187	0,268	0,006	0,011	0,218	FALSE
-0,026	0,282	0,000	0,007	0,007	FALSE
0,077	0,295	0,001	0,006	0,066	FALSE
-0,134	0,291	-0,003	0,007	0,144	FALSE
0,137	0,265	0,001	0,007	0,062	FALSE

-0,077	0,299	-0,001	0,006	0,081	FALSE
0,004	0,292	0,001	0,010	0,042	FALSE
-0,014	0,273	0,000	0,009	0,018	FALSE
0,119	0,288	0,002	0,006	0,148	FALSE
-0,060	0,290	-0,001	0,007	0,079	FALSE
-0,014	0,294	0,000	0,014	0,003	FALSE
0,001	0,290	0,001	0,009	0,027	FALSE
0,170	0,283	0,005	0,010	0,226	FALSE
-0,047	0,282	-0,003	0,007	0,161	FALSE
0,098	0,278	0,003	0,010	0,131	FALSE
-0,032	0,279	-0,001	0,012	0,027	FALSE
-0,191	0,283	-0,007	0,011	0,271	FALSE
-0,018	0,291	-0,002	0,007	0,103	FALSE
0,152	0,293	0,003	0,007	0,165	FALSE
-0,071	0,289	-0,003	0,009	0,155	FALSE
-0,054	0,288	-0,003	0,008	0,126	FALSE
0,139	0,289	0,003	0,008	0,141	FALSE
-0,142	0,288	-0,003	0,007	0,202	FALSE
-0,174	0,277	-0,004	0,008	0,188	FALSE
-0,028	0,284	0,000	0,007	0,013	FALSE
0,016	0,279	0,000	0,007	0,010	FALSE
0,039	0,297	-0,001	0,009	0,026	FALSE
0,035	0,299	-0,001	0,009	0,038	FALSE
0,096	0,295	0,005	0,013	0,140	FALSE
0,045	0,292	0,003	0,013	0,085	FALSE
-0,161	0,287	-0,006	0,011	0,245	FALSE
-0,103	0,292	-0,003	0,011	0,121	FALSE
0,098	0,284	0,001	0,009	0,051	FALSE
-0,199	0,283	-0,006	0,010	0,298	FALSE
0,040	0,285	0,002	0,012	0,069	FALSE
-0,155	0,288	-0,006	0,010	0,282	FALSE
-0,139	0,285	-0,006	0,010	0,279	FALSE
0,142	0,269	0,008	0,012	0,322	FALSE
-0,131	0,297	-0,005	0,012	0,165	FALSE
-0,021	0,290	-0,001	0,013	0,015	FALSE
0,035	0,285	0,001	0,007	0,055	FALSE
-0,003	0,304	-0,001	0,013	0,026	FALSE
0,054	0,277	0,000	0,008	0,019	FALSE
0,035	0,299	0,001	0,009	0,048	FALSE
-0,016	0,293	0,000	0,008	0,014	FALSE
0,038	0,288	-0,002	0,009	0,079	FALSE
-0,078	0,280	-0,003	0,012	0,110	FALSE
0,206	0,290	0,004	0,006	0,279	FALSE
-0,005	0,296	0,000	0,008	0,020	FALSE
0,078	0,291	0,002	0,007	0,117	FALSE
0,040	0,288	-0,001	0,007	0,052	FALSE
0,183	0,298	0,003	0,007	0,201	FALSE
0,033	0,301	0,002	0,011	0,077	FALSE
0,094	0,286	0,002	0,007	0,150	FALSE
-0,056	0,293	-0,002	0,009	0,107	FALSE
-0,112	0,295	-0,004	0,008	0,181	FALSE
-0,090	0,301	-0,003	0,008	0,127	FALSE
-0,087	0,299	-0,003	0,008	0,125	FALSE

-0,042	0,292	-0,001	0,009	0,061	FALSE
-0,110	0,285	-0,002	0,007	0,121	FALSE
0,138	0,288	0,004	0,007	0,272	FALSE
-0,015	0,292	0,001	0,008	0,046	FALSE
-0,054	0,283	0,000	0,007	0,021	FALSE
0,017	0,295	0,000	0,010	0,001	FALSE
-0,032	0,286	0,001	0,011	0,030	FALSE
-0,063	0,291	-0,002	0,013	0,054	FALSE
0,048	0,290	0,000	0,007	0,012	FALSE
-0,102	0,293	-0,002	0,009	0,066	FALSE
-0,017	0,292	-0,002	0,008	0,077	FALSE
0,007	0,286	0,001	0,012	0,032	FALSE
-0,068	0,285	-0,001	0,009	0,037	FALSE
-0,085	0,287	0,000	0,009	0,004	FALSE
-0,054	0,276	0,001	0,009	0,041	FALSE
0,003	0,290	0,001	0,008	0,049	FALSE
-0,061	0,296	-0,001	0,009	0,060	FALSE
-0,152	0,279	-0,004	0,008	0,212	FALSE
-0,128	0,303	-0,004	0,012	0,147	FALSE
0,122	0,303	0,004	0,008	0,190	FALSE
-0,035	0,297	-0,003	0,011	0,093	FALSE
-0,009	0,285	-0,001	0,008	0,032	FALSE
-0,023	0,296	0,000	0,007	0,021	FALSE
0,083	0,295	0,003	0,009	0,148	FALSE
-0,037	0,286	-0,001	0,008	0,055	FALSE
0,074	0,284	0,002	0,012	0,053	FALSE
0,101	0,283	0,005	0,012	0,148	FALSE
-0,065	0,291	-0,001	0,008	0,038	FALSE
-0,117	0,274	-0,004	0,007	0,213	FALSE
0,072	0,290	0,001	0,006	0,083	FALSE
0,145	0,285	0,004	0,009	0,191	FALSE
-0,078	0,276	-0,003	0,009	0,136	FALSE
0,106	0,282	0,002	0,006	0,152	FALSE
0,061	0,299	0,001	0,012	0,039	FALSE
-0,078	0,274	-0,003	0,009	0,142	FALSE
-0,056	0,284	-0,003	0,009	0,112	FALSE
-0,086	0,286	-0,004	0,009	0,155	FALSE
0,176	0,274	0,007	0,013	0,218	FALSE
-0,156	0,286	-0,005	0,011	0,207	FALSE
0,095	0,286	0,005	0,012	0,147	FALSE
-0,016	0,289	-0,001	0,013	0,040	FALSE
0,175	0,285	0,005	0,008	0,246	FALSE
-0,094	0,293	-0,003	0,011	0,098	FALSE
0,013	0,292	-0,001	0,007	0,046	FALSE
-0,013	0,297	-0,001	0,008	0,052	FALSE
-0,099	0,294	-0,002	0,007	0,086	FALSE
-0,061	0,271	-0,002	0,007	0,118	FALSE
0,086	0,303	0,003	0,012	0,091	FALSE
-0,109	0,288	-0,003	0,008	0,131	FALSE
-0,001	0,291	0,002	0,013	0,045	FALSE
0,060	0,288	0,000	0,012	0,004	FALSE
-0,069	0,280	-0,001	0,011	0,032	FALSE
-0,064	0,286	-0,002	0,006	0,099	FALSE

0,103	0,292	0,003	0,013	0,087	FALSE
0,112	0,283	0,003	0,011	0,104	FALSE
0,112	0,270	0,003	0,009	0,145	FALSE
-0,042	0,292	-0,003	0,007	0,155	FALSE
0,162	0,268	0,008	0,012	0,285	FALSE
0,083	0,298	0,001	0,008	0,040	FALSE
-0,073	0,288	-0,001	0,012	0,039	FALSE
0,070	0,291	0,001	0,008	0,028	FALSE
-0,004	0,288	-0,002	0,013	0,055	FALSE
0,129	0,272	0,008	0,013	0,288	FALSE
0,117	0,283	0,007	0,013	0,241	FALSE
-0,048	0,279	-0,001	0,009	0,052	FALSE
0,082	0,283	0,003	0,009	0,140	FALSE
0,073	0,276	0,001	0,008	0,040	FALSE
-0,113	0,285	-0,007	0,013	0,255	FALSE
-0,142	0,287	-0,004	0,007	0,248	FALSE
0,193	0,291	0,004	0,007	0,233	FALSE
-0,025	0,287	-0,002	0,013	0,071	FALSE
-0,079	0,290	-0,003	0,010	0,123	FALSE
-0,047	0,297	-0,002	0,011	0,078	FALSE
0,085	0,285	0,002	0,007	0,111	FALSE
-0,043	0,283	0,002	0,012	0,065	FALSE
0,035	0,296	0,000	0,009	0,019	FALSE
-0,115	0,287	-0,003	0,009	0,140	FALSE
-0,040	0,289	-0,001	0,009	0,034	FALSE
-0,038	0,280	0,001	0,012	0,018	FALSE
0,114	0,291	0,004	0,012	0,148	FALSE
-0,081	0,291	-0,001	0,010	0,024	FALSE
0,029	0,283	-0,001	0,012	0,039	FALSE
0,035	0,288	0,002	0,007	0,101	FALSE
-0,096	0,282	-0,002	0,006	0,117	FALSE
0,172	0,285	0,005	0,007	0,313	FALSE
0,067	0,267	0,004	0,008	0,217	FALSE
-0,134	0,284	-0,003	0,007	0,164	FALSE
0,122	0,286	0,002	0,013	0,063	FALSE
-0,040	0,283	-0,001	0,013	0,032	FALSE
0,065	0,287	-0,001	0,011	0,027	FALSE
-0,061	0,286	0,000	0,013	0,007	FALSE
-0,087	0,299	-0,002	0,009	0,077	FALSE
0,146	0,277	0,008	0,012	0,317	FALSE
0,116	0,286	0,006	0,012	0,223	FALSE
-0,042	0,289	-0,001	0,009	0,063	FALSE
0,003	0,294	0,001	0,007	0,040	FALSE
0,046	0,281	0,002	0,009	0,072	FALSE
0,107	0,291	0,003	0,011	0,107	FALSE
0,021	0,306	-0,001	0,010	0,020	FALSE
-0,083	0,288	-0,002	0,012	0,074	FALSE
-0,084	0,291	-0,003	0,012	0,116	FALSE
-0,050	0,285	-0,001	0,009	0,037	FALSE
-0,001	0,302	0,000	0,009	0,006	FALSE
-0,091	0,287	-0,003	0,012	0,100	FALSE
0,015	0,295	0,001	0,013	0,017	FALSE
-0,065	0,289	-0,002	0,013	0,050	FALSE

-0,055	0,294	-0,002	0,012	0,076	FALSE
0,119	0,286	0,002	0,007	0,110	FALSE
0,049	0,284	0,001	0,008	0,046	FALSE
-0,145	0,286	-0,004	0,009	0,194	FALSE
0,199	0,283	0,007	0,013	0,215	FALSE
0,128	0,285	0,003	0,010	0,130	FALSE
0,166	0,270	0,006	0,012	0,210	FALSE
0,044	0,297	0,000	0,007	0,023	FALSE
-0,040	0,292	-0,002	0,009	0,097	FALSE
-0,107	0,268	-0,003	0,010	0,130	FALSE
-0,160	0,274	-0,005	0,009	0,250	FALSE
0,038	0,288	0,000	0,009	0,006	FALSE
0,069	0,298	0,001	0,007	0,078	FALSE
-0,058	0,288	0,000	0,008	0,002	FALSE
-0,017	0,282	0,000	0,011	0,014	FALSE
0,033	0,292	0,001	0,011	0,021	FALSE
-0,135	0,293	-0,002	0,009	0,090	FALSE
0,047	0,286	0,000	0,007	0,020	FALSE
0,037	0,287	0,000	0,009	0,009	FALSE
-0,103	0,301	-0,003	0,008	0,161	FALSE
-0,040	0,293	-0,001	0,009	0,038	FALSE
0,059	0,305	0,003	0,012	0,101	FALSE
-0,008	0,293	0,001	0,010	0,057	FALSE
-0,067	0,288	-0,002	0,009	0,072	FALSE
0,096	0,297	0,005	0,011	0,162	FALSE
0,121	0,285	0,005	0,011	0,197	FALSE
0,009	0,297	-0,001	0,007	0,056	FALSE
0,098	0,276	0,002	0,011	0,086	FALSE
0,082	0,279	0,003	0,008	0,175	FALSE
-0,013	0,294	0,000	0,006	0,019	FALSE
0,049	0,295	0,000	0,007	0,002	FALSE
0,085	0,293	0,005	0,013	0,145	FALSE
-0,064	0,292	-0,002	0,008	0,080	FALSE
-0,043	0,287	-0,001	0,013	0,040	FALSE
-0,048	0,287	-0,002	0,007	0,107	FALSE
-0,116	0,300	-0,004	0,010	0,170	FALSE
0,027	0,291	0,001	0,007	0,068	FALSE
0,082	0,286	0,002	0,008	0,070	FALSE
-0,087	0,299	-0,004	0,011	0,150	FALSE
0,051	0,287	0,003	0,011	0,092	FALSE
0,138	0,280	0,002	0,009	0,098	FALSE
-0,004	0,301	0,000	0,007	0,014	FALSE
0,069	0,285	0,002	0,014	0,053	FALSE
0,100	0,270	0,006	0,010	0,281	FALSE
-0,075	0,289	-0,003	0,013	0,084	FALSE
-0,021	0,288	0,000	0,006	0,006	FALSE
0,077	0,298	0,001	0,007	0,077	FALSE
-0,011	0,289	-0,001	0,010	0,034	FALSE
0,062	0,289	0,001	0,008	0,056	FALSE
-0,151	0,279	-0,004	0,008	0,218	FALSE
0,011	0,289	0,001	0,007	0,040	FALSE
-0,106	0,266	-0,002	0,009	0,063	FALSE
-0,110	0,291	-0,002	0,007	0,137	FALSE

-0,028	0,284	0,001	0,012	0,020	FALSE
0,125	0,307	0,003	0,009	0,128	FALSE
0,156	0,300	0,003	0,009	0,137	FALSE
0,009	0,286	0,001	0,012	0,027	FALSE
0,120	0,271	0,005	0,012	0,182	FALSE
-0,128	0,292	-0,005	0,013	0,169	FALSE
0,054	0,299	0,003	0,011	0,097	FALSE
-0,023	0,308	0,000	0,013	0,005	FALSE
0,066	0,284	0,001	0,012	0,041	FALSE
0,066	0,285	0,002	0,013	0,050	FALSE
-0,018	0,290	0,000	0,006	0,008	FALSE
-0,067	0,289	-0,001	0,006	0,082	FALSE
-0,160	0,272	-0,005	0,011	0,197	FALSE
-0,001	0,291	-0,002	0,012	0,049	FALSE
-0,006	0,287	-0,002	0,012	0,074	FALSE
0,052	0,293	0,003	0,010	0,102	FALSE
-0,008	0,305	-0,002	0,009	0,065	FALSE
-0,058	0,280	-0,003	0,011	0,110	FALSE
-0,035	0,286	-0,001	0,007	0,071	FALSE
0,075	0,286	0,002	0,009	0,066	FALSE
-0,010	0,293	-0,002	0,013	0,060	FALSE
0,153	0,279	0,002	0,006	0,148	FALSE
0,007	0,292	-0,001	0,012	0,031	FALSE
-0,028	0,273	-0,002	0,012	0,068	FALSE
0,039	0,301	0,000	0,013	0,014	FALSE
0,001	0,282	0,000	0,008	0,000	FALSE
-0,081	0,291	-0,002	0,008	0,095	FALSE
0,044	0,300	0,001	0,009	0,026	FALSE
-0,113	0,293	-0,001	0,013	0,038	FALSE
-0,096	0,293	-0,001	0,013	0,028	FALSE
0,032	0,291	0,001	0,013	0,033	FALSE
-0,109	0,298	-0,002	0,010	0,094	FALSE
0,083	0,275	0,005	0,013	0,143	FALSE
0,089	0,294	0,002	0,010	0,061	FALSE
0,128	0,272	0,003	0,011	0,102	FALSE
0,112	0,277	0,004	0,012	0,123	FALSE
0,078	0,289	0,003	0,008	0,163	FALSE
-0,079	0,283	-0,005	0,012	0,181	FALSE
0,085	0,280	0,001	0,013	0,030	FALSE
0,009	0,283	0,001	0,012	0,016	FALSE
0,021	0,286	0,000	0,008	0,019	FALSE
0,077	0,307	0,004	0,013	0,121	FALSE
0,091	0,282	0,004	0,013	0,113	FALSE
0,045	0,295	0,001	0,006	0,034	FALSE
0,104	0,291	0,004	0,013	0,111	FALSE
0,064	0,291	0,001	0,013	0,042	FALSE
0,076	0,282	0,002	0,012	0,057	FALSE
0,047	0,293	0,000	0,012	0,009	FALSE
0,064	0,296	0,000	0,012	0,010	FALSE
-0,242	0,267	-0,007	0,011	0,296	FALSE
-0,253	0,272	-0,011	0,012	0,444	FALSE
0,024	0,286	-0,001	0,012	0,018	FALSE
-0,222	0,289	-0,007	0,012	0,258	FALSE

0,029	0,291	-0,001	0,013	0,038	FALSE
-0,001	0,284	-0,001	0,008	0,035	FALSE
0,021	0,296	-0,001	0,008	0,029	FALSE
-0,012	0,286	0,000	0,007	0,018	FALSE
-0,159	0,299	-0,005	0,012	0,181	FALSE
-0,019	0,299	-0,001	0,007	0,072	FALSE
0,124	0,284	0,001	0,007	0,047	FALSE
0,002	0,285	0,001	0,009	0,033	FALSE
-0,013	0,287	0,001	0,010	0,050	FALSE
-0,089	0,287	-0,004	0,013	0,113	FALSE
-0,120	0,281	-0,004	0,011	0,163	FALSE
0,062	0,297	0,001	0,009	0,054	FALSE
0,153	0,288	0,004	0,007	0,236	FALSE
0,074	0,283	0,002	0,013	0,071	FALSE
0,023	0,297	0,000	0,007	0,003	FALSE
-0,032	0,298	-0,001	0,011	0,041	FALSE
0,052	0,288	0,000	0,007	0,021	FALSE
-0,037	0,284	-0,002	0,008	0,092	FALSE
-0,207	0,267	-0,006	0,013	0,214	FALSE
0,063	0,295	0,000	0,007	0,021	FALSE
-0,062	0,274	-0,001	0,011	0,028	FALSE
0,047	0,300	0,000	0,007	0,008	FALSE
-0,073	0,282	-0,006	0,013	0,193	FALSE
-0,019	0,289	-0,002	0,011	0,064	FALSE
-0,062	0,277	-0,001	0,011	0,036	FALSE
0,054	0,294	0,002	0,009	0,092	FALSE
0,007	0,287	0,000	0,008	0,013	FALSE
-0,035	0,294	-0,001	0,012	0,028	FALSE
-0,137	0,277	-0,003	0,007	0,171	FALSE
-0,004	0,296	-0,001	0,008	0,032	FALSE
0,012	0,298	0,000	0,009	0,017	FALSE
0,055	0,287	0,000	0,010	0,003	FALSE
0,057	0,289	0,001	0,012	0,019	FALSE
-0,048	0,292	-0,003	0,010	0,106	FALSE
0,134	0,289	0,003	0,008	0,144	FALSE
-0,038	0,290	-0,001	0,009	0,058	FALSE
0,029	0,291	0,002	0,009	0,069	FALSE
-0,008	0,287	0,000	0,006	0,021	FALSE
-0,037	0,279	-0,001	0,007	0,030	FALSE
0,085	0,282	0,000	0,011	0,006	FALSE
0,013	0,293	0,000	0,007	0,019	FALSE
-0,093	0,285	-0,002	0,008	0,101	FALSE
0,052	0,289	0,002	0,011	0,063	FALSE
0,091	0,274	0,002	0,007	0,090	FALSE
-0,020	0,282	0,001	0,012	0,021	FALSE
-0,039	0,289	-0,001	0,007	0,050	FALSE
0,033	0,291	0,003	0,009	0,107	FALSE
-0,001	0,290	0,002	0,009	0,072	FALSE
-0,096	0,274	-0,001	0,008	0,027	FALSE
0,061	0,288	0,001	0,007	0,081	FALSE
-0,088	0,300	-0,002	0,012	0,070	FALSE
-0,027	0,276	-0,001	0,008	0,034	FALSE
0,087	0,278	0,004	0,010	0,174	FALSE

0,082	0,288	0,001	0,009	0,026	FALSE
-0,005	0,293	-0,002	0,011	0,054	FALSE
0,117	0,285	0,003	0,013	0,105	FALSE
-0,015	0,297	0,000	0,007	0,017	FALSE
0,002	0,292	0,003	0,013	0,078	FALSE
-0,018	0,302	0,001	0,012	0,019	FALSE
0,024	0,286	0,000	0,006	0,002	FALSE
0,028	0,292	0,000	0,010	0,009	FALSE
-0,004	0,292	-0,001	0,006	0,056	FALSE
-0,119	0,290	-0,004	0,010	0,183	FALSE
0,060	0,309	0,003	0,013	0,080	FALSE
-0,050	0,294	-0,001	0,010	0,019	FALSE
-0,042	0,294	-0,001	0,010	0,026	FALSE
-0,018	0,272	0,002	0,010	0,057	FALSE
-0,026	0,286	-0,003	0,013	0,087	FALSE
0,025	0,293	0,001	0,013	0,016	FALSE
-0,065	0,319	-0,002	0,013	0,060	FALSE
0,079	0,288	0,002	0,007	0,110	FALSE
-0,079	0,273	-0,003	0,011	0,095	FALSE
-0,031	0,290	-0,002	0,012	0,058	FALSE
-0,056	0,282	-0,002	0,007	0,079	FALSE
-0,121	0,285	-0,003	0,008	0,126	FALSE
-0,029	0,293	0,000	0,007	0,024	FALSE
-0,046	0,283	-0,001	0,006	0,056	FALSE
-0,099	0,293	-0,003	0,008	0,152	FALSE
-0,153	0,286	-0,003	0,007	0,156	FALSE
-0,180	0,273	-0,005	0,011	0,215	FALSE
-0,037	0,289	-0,001	0,010	0,025	FALSE
-0,047	0,286	-0,002	0,009	0,103	FALSE
-0,158	0,287	-0,004	0,007	0,253	FALSE
0,017	0,283	-0,002	0,012	0,056	FALSE
-0,001	0,286	-0,003	0,012	0,112	FALSE
0,062	0,280	0,002	0,007	0,105	FALSE
0,018	0,287	0,002	0,009	0,062	FALSE
-0,022	0,287	-0,001	0,012	0,021	FALSE
-0,050	0,303	-0,002	0,013	0,066	FALSE
0,004	0,297	0,000	0,009	0,010	FALSE
0,087	0,308	0,002	0,008	0,068	FALSE
0,039	0,300	0,001	0,009	0,045	FALSE
0,074	0,282	0,002	0,009	0,061	FALSE
-0,082	0,302	-0,003	0,008	0,129	FALSE
-0,104	0,294	-0,004	0,008	0,185	FALSE
-0,083	0,292	-0,002	0,007	0,116	FALSE
0,095	0,284	0,004	0,009	0,154	FALSE
0,074	0,286	0,002	0,010	0,085	FALSE
0,031	0,295	0,001	0,009	0,039	FALSE
0,076	0,306	0,003	0,010	0,094	FALSE
0,053	0,286	0,002	0,010	0,068	FALSE
0,062	0,291	0,002	0,010	0,092	FALSE
0,041	0,294	0,001	0,009	0,051	FALSE
0,065	0,279	0,002	0,009	0,073	FALSE
0,185	0,288	0,008	0,013	0,263	FALSE
0,204	0,280	0,009	0,012	0,312	FALSE

-0,080	0,300	-0,002	0,013	0,049	FALSE
-0,112	0,290	-0,004	0,010	0,167	FALSE
0,233	0,282	0,007	0,011	0,281	FALSE
0,257	0,288	0,008	0,011	0,316	FALSE
-0,015	0,291	0,000	0,013	0,012	FALSE
-0,213	0,278	-0,006	0,008	0,323	FALSE
-0,015	0,283	0,000	0,012	0,002	FALSE
-0,053	0,270	-0,004	0,010	0,153	FALSE
0,065	0,299	0,002	0,008	0,080	FALSE
-0,055	0,292	-0,001	0,008	0,053	FALSE
-0,011	0,294	-0,001	0,006	0,075	FALSE
0,016	0,289	0,000	0,007	0,007	FALSE
0,046	0,293	0,004	0,013	0,125	FALSE
0,102	0,289	0,002	0,007	0,086	FALSE
-0,162	0,281	-0,003	0,007	0,161	FALSE
-0,071	0,294	-0,001	0,011	0,048	FALSE
-0,081	0,286	-0,002	0,010	0,087	FALSE
0,018	0,304	0,002	0,013	0,060	FALSE
-0,107	0,289	-0,005	0,009	0,244	FALSE
0,013	0,296	0,000	0,009	0,004	FALSE
-0,077	0,295	-0,003	0,009	0,144	FALSE
0,017	0,293	0,001	0,010	0,041	FALSE
0,016	0,289	0,001	0,008	0,024	FALSE
-0,075	0,286	-0,002	0,008	0,069	FALSE
0,058	0,282	0,001	0,008	0,061	FALSE
-0,066	0,296	-0,003	0,007	0,143	FALSE
0,174	0,284	0,003	0,006	0,218	FALSE
0,133	0,288	0,004	0,009	0,204	FALSE
-0,022	0,288	-0,001	0,013	0,018	FALSE
-0,306	0,265	-0,011	0,011	0,496	FALSE
-0,081	0,290	-0,002	0,007	0,086	FALSE
-0,106	0,291	-0,004	0,012	0,109	FALSE
-0,013	0,296	0,000	0,010	0,002	FALSE
-0,078	0,291	-0,003	0,008	0,180	FALSE
-0,172	0,286	-0,009	0,013	0,311	FALSE
-0,209	0,290	-0,009	0,013	0,347	FALSE
-0,055	0,283	-0,002	0,010	0,085	FALSE
0,050	0,277	0,002	0,008	0,085	FALSE
0,018	0,299	-0,002	0,011	0,062	FALSE
0,199	0,282	0,006	0,008	0,325	FALSE
0,153	0,280	0,004	0,008	0,239	FALSE
0,179	0,286	0,005	0,008	0,273	FALSE
0,095	0,272	0,004	0,011	0,159	FALSE
0,095	0,275	0,004	0,011	0,143	FALSE
0,060	0,295	0,002	0,013	0,048	FALSE
-0,003	0,292	0,002	0,008	0,078	FALSE
0,075	0,279	0,001	0,011	0,043	FALSE
-0,017	0,285	-0,001	0,010	0,039	FALSE
-0,084	0,291	-0,003	0,009	0,128	FALSE
0,096	0,284	0,001	0,012	0,018	FALSE
0,072	0,284	0,000	0,007	0,005	FALSE
-0,028	0,286	0,000	0,007	0,025	FALSE
-0,172	0,291	-0,005	0,012	0,154	FALSE

0,099	0,285	0,002	0,008	0,107	FALSE
0,009	0,269	0,003	0,012	0,095	FALSE
0,063	0,273	0,005	0,012	0,151	FALSE
0,193	0,286	0,008	0,010	0,342	FALSE
-0,064	0,299	-0,003	0,009	0,118	FALSE
0,054	0,293	0,001	0,008	0,053	FALSE
0,093	0,302	0,001	0,007	0,058	FALSE
0,043	0,296	0,000	0,006	0,001	FALSE
0,117	0,279	0,003	0,008	0,179	FALSE
0,045	0,299	0,001	0,008	0,060	FALSE
-0,015	0,298	0,000	0,008	0,007	FALSE
-0,056	0,276	-0,002	0,007	0,120	FALSE
-0,026	0,291	-0,001	0,007	0,083	FALSE
0,111	0,301	0,003	0,009	0,145	FALSE
0,011	0,289	0,000	0,011	0,008	FALSE
-0,126	0,292	-0,002	0,007	0,090	FALSE
-0,059	0,296	-0,001	0,012	0,034	FALSE
0,011	0,286	0,001	0,012	0,036	FALSE
-0,125	0,294	-0,002	0,009	0,090	FALSE
-0,030	0,287	0,000	0,011	0,014	FALSE
0,122	0,303	0,002	0,007	0,142	FALSE
0,048	0,297	0,001	0,009	0,051	FALSE
0,098	0,285	0,002	0,007	0,134	FALSE
-0,144	0,269	-0,005	0,012	0,183	FALSE
0,112	0,293	0,003	0,009	0,132	FALSE
-0,084	0,277	-0,001	0,011	0,036	FALSE
-0,075	0,289	-0,004	0,013	0,109	FALSE
0,039	0,282	0,001	0,011	0,018	FALSE
0,081	0,286	0,001	0,007	0,039	FALSE
-0,002	0,285	-0,001	0,012	0,041	FALSE
-0,048	0,285	-0,002	0,007	0,079	FALSE
-0,057	0,302	-0,001	0,007	0,083	FALSE
0,096	0,283	0,004	0,008	0,225	FALSE
0,150	0,289	0,004	0,010	0,153	FALSE
-0,066	0,290	-0,002	0,010	0,081	FALSE
0,068	0,286	0,002	0,009	0,104	FALSE
0,139	0,277	0,004	0,012	0,112	FALSE
0,074	0,298	0,003	0,009	0,109	FALSE
-0,020	0,284	0,000	0,008	0,000	FALSE
-0,114	0,271	-0,003	0,011	0,086	FALSE
0,015	0,275	0,001	0,007	0,057	FALSE
-0,107	0,278	-0,002	0,009	0,084	FALSE
-0,005	0,284	0,000	0,009	0,016	FALSE
0,127	0,294	0,002	0,006	0,142	FALSE
0,022	0,295	0,000	0,007	0,000	FALSE
-0,114	0,291	-0,006	0,012	0,197	FALSE
0,115	0,287	0,001	0,007	0,059	FALSE
0,112	0,285	0,003	0,009	0,121	FALSE
-0,031	0,294	-0,002	0,007	0,076	FALSE
0,182	0,286	0,003	0,006	0,227	FALSE
-0,001	0,288	-0,002	0,011	0,068	FALSE
0,007	0,306	0,001	0,011	0,037	FALSE
-0,077	0,280	-0,003	0,008	0,154	FALSE

-0,057	0,290	-0,002	0,009	0,071	FALSE
-0,139	0,299	-0,003	0,008	0,169	FALSE
0,183	0,280	0,009	0,011	0,347	FALSE
0,012	0,285	0,000	0,010	0,001	FALSE
-0,003	0,306	0,000	0,007	0,016	FALSE
0,207	0,284	0,006	0,009	0,328	FALSE
0,095	0,296	0,002	0,010	0,069	FALSE
-0,157	0,279	-0,003	0,006	0,158	FALSE
0,117	0,301	0,006	0,013	0,205	FALSE
0,055	0,299	0,003	0,012	0,107	FALSE
0,053	0,301	0,003	0,013	0,079	FALSE
-0,066	0,279	-0,002	0,007	0,077	FALSE
-0,062	0,281	-0,002	0,008	0,085	FALSE
-0,056	0,286	-0,002	0,008	0,073	FALSE
-0,012	0,296	0,001	0,006	0,043	FALSE
-0,051	0,274	-0,002	0,012	0,060	FALSE
-0,031	0,286	-0,001	0,012	0,042	FALSE
0,004	0,298	0,000	0,012	0,004	FALSE
0,140	0,285	0,002	0,007	0,134	FALSE
-0,022	0,293	-0,002	0,010	0,082	FALSE
0,010	0,275	-0,001	0,007	0,044	FALSE
-0,153	0,286	-0,004	0,007	0,215	FALSE
-0,013	0,279	0,000	0,008	0,014	FALSE
-0,029	0,280	0,000	0,008	0,004	FALSE
-0,037	0,282	-0,001	0,009	0,040	FALSE
-0,012	0,290	0,000	0,008	0,005	FALSE
-0,267	0,275	-0,008	0,009	0,372	FALSE
-0,213	0,274	-0,006	0,009	0,283	FALSE
0,022	0,291	0,001	0,006	0,049	FALSE
0,106	0,299	0,002	0,007	0,088	FALSE
0,201	0,280	0,004	0,009	0,194	FALSE
-0,063	0,293	-0,003	0,011	0,088	FALSE
-0,057	0,296	-0,002	0,011	0,084	FALSE
-0,121	0,299	-0,005	0,011	0,191	FALSE
-0,079	0,281	-0,003	0,011	0,128	FALSE
-0,085	0,271	-0,003	0,011	0,120	FALSE
-0,090	0,293	-0,004	0,011	0,129	FALSE
-0,083	0,286	-0,003	0,012	0,096	FALSE
-0,127	0,283	-0,003	0,007	0,176	FALSE
-0,166	0,270	-0,004	0,007	0,263	FALSE
-0,094	0,293	-0,002	0,007	0,124	FALSE
0,165	0,291	0,005	0,009	0,221	FALSE
0,042	0,303	0,000	0,010	0,005	FALSE
0,053	0,286	0,000	0,007	0,022	FALSE
0,030	0,296	0,001	0,009	0,060	FALSE
-0,056	0,286	-0,004	0,013	0,109	FALSE
-0,033	0,296	-0,002	0,013	0,049	FALSE
-0,019	0,289	0,000	0,009	0,002	FALSE
-0,115	0,286	-0,003	0,007	0,165	FALSE
0,195	0,293	0,004	0,007	0,214	FALSE
-0,028	0,293	0,001	0,011	0,044	FALSE
0,059	0,299	0,004	0,011	0,159	FALSE
-0,028	0,309	-0,001	0,013	0,029	FALSE

0,064	0,284	0,004	0,011	0,148	FALSE
-0,042	0,295	-0,002	0,007	0,088	FALSE
-0,082	0,271	-0,003	0,011	0,090	FALSE
-0,131	0,291	-0,003	0,007	0,194	FALSE
-0,052	0,280	-0,001	0,009	0,036	FALSE
0,049	0,282	0,001	0,007	0,033	FALSE
-0,062	0,298	-0,002	0,007	0,086	FALSE
-0,138	0,288	-0,002	0,006	0,115	FALSE
-0,005	0,289	0,000	0,008	0,004	FALSE
-0,007	0,287	0,001	0,009	0,036	FALSE
-0,027	0,289	0,001	0,013	0,034	FALSE
0,160	0,285	0,003	0,009	0,134	FALSE
0,019	0,288	0,000	0,012	0,007	FALSE
0,012	0,290	0,001	0,007	0,031	FALSE
0,078	0,294	0,003	0,010	0,100	FALSE
-0,168	0,280	-0,004	0,011	0,157	FALSE
0,050	0,290	0,000	0,008	0,002	FALSE
-0,045	0,296	-0,003	0,013	0,075	FALSE
0,092	0,296	0,002	0,007	0,127	FALSE
0,036	0,299	0,001	0,010	0,046	FALSE
0,076	0,299	0,003	0,008	0,128	FALSE
0,021	0,283	0,000	0,007	0,011	FALSE
0,025	0,285	0,000	0,008	0,004	FALSE
0,030	0,303	0,000	0,007	0,009	FALSE
-0,075	0,293	-0,003	0,008	0,125	FALSE
-0,027	0,286	-0,002	0,007	0,101	FALSE
0,191	0,291	0,006	0,010	0,255	FALSE
0,032	0,288	0,003	0,013	0,101	FALSE
-0,082	0,300	-0,002	0,007	0,134	FALSE
-0,028	0,299	-0,001	0,010	0,034	FALSE
0,109	0,290	0,003	0,007	0,146	FALSE
0,133	0,281	0,003	0,007	0,200	FALSE
-0,007	0,297	0,000	0,009	0,010	FALSE
-0,021	0,301	0,000	0,008	0,016	FALSE
0,120	0,279	0,002	0,007	0,125	FALSE
0,043	0,293	0,000	0,010	0,017	FALSE
0,034	0,282	0,001	0,011	0,023	FALSE
-0,122	0,281	-0,004	0,009	0,176	FALSE
0,054	0,297	0,003	0,012	0,082	FALSE
-0,042	0,294	-0,002	0,007	0,088	FALSE
-0,084	0,285	-0,003	0,010	0,122	FALSE
0,100	0,301	0,002	0,008	0,093	FALSE
-0,003	0,281	-0,002	0,010	0,056	FALSE
0,005	0,298	-0,001	0,010	0,030	FALSE
0,002	0,294	-0,002	0,007	0,084	FALSE
0,096	0,292	0,003	0,009	0,114	FALSE
0,026	0,280	-0,001	0,006	0,044	FALSE
0,032	0,297	0,002	0,013	0,070	FALSE
0,066	0,289	0,003	0,013	0,097	FALSE
0,030	0,288	0,001	0,007	0,080	FALSE
-0,074	0,299	-0,003	0,013	0,100	FALSE
-0,032	0,301	-0,001	0,013	0,035	FALSE
-0,023	0,312	-0,001	0,013	0,022	FALSE

-0,014	0,303	-0,001	0,013	0,015	FALSE
-0,011	0,306	0,000	0,013	0,008	FALSE
-0,004	0,307	-0,001	0,013	0,021	FALSE
-0,070	0,293	-0,003	0,012	0,085	FALSE
0,000	0,299	0,000	0,013	0,006	FALSE
0,012	0,300	0,000	0,013	0,011	FALSE
0,074	0,285	0,003	0,010	0,098	FALSE
0,082	0,283	0,003	0,010	0,135	FALSE
0,065	0,294	0,003	0,012	0,112	FALSE
0,053	0,287	0,003	0,012	0,114	FALSE
0,058	0,292	0,004	0,012	0,117	FALSE
0,074	0,291	0,004	0,012	0,141	FALSE
0,019	0,307	0,001	0,012	0,030	FALSE
0,031	0,297	0,003	0,010	0,093	FALSE
-0,032	0,288	-0,001	0,009	0,059	FALSE
0,117	0,289	0,004	0,012	0,141	FALSE
0,051	0,300	0,000	0,007	0,017	FALSE
-0,089	0,285	-0,001	0,006	0,070	FALSE
0,025	0,295	0,001	0,007	0,053	FALSE
-0,200	0,274	-0,005	0,008	0,297	FALSE
0,086	0,283	0,004	0,011	0,137	FALSE
0,052	0,284	0,000	0,009	0,013	FALSE
-0,024	0,286	0,000	0,012	0,006	FALSE
-0,019	0,307	0,001	0,013	0,014	FALSE
0,012	0,290	0,002	0,012	0,049	FALSE
-0,076	0,285	-0,003	0,009	0,127	FALSE
-0,043	0,294	-0,001	0,013	0,017	FALSE
-0,046	0,284	-0,001	0,008	0,061	FALSE
-0,033	0,297	0,000	0,012	0,006	FALSE
-0,107	0,285	-0,003	0,012	0,113	FALSE
-0,095	0,300	-0,004	0,012	0,120	FALSE
-0,113	0,287	-0,004	0,009	0,178	FALSE
-0,038	0,282	-0,002	0,011	0,056	FALSE
0,022	0,290	0,001	0,011	0,045	FALSE
0,109	0,281	0,002	0,006	0,138	FALSE
-0,054	0,293	-0,001	0,012	0,034	FALSE
-0,016	0,286	-0,001	0,011	0,016	FALSE
-0,034	0,292	-0,001	0,008	0,048	FALSE
0,123	0,279	0,005	0,011	0,213	FALSE
0,130	0,292	0,006	0,012	0,218	FALSE
0,021	0,297	0,001	0,013	0,037	FALSE
-0,020	0,292	-0,001	0,013	0,019	FALSE
-0,084	0,291	-0,003	0,012	0,113	FALSE
0,128	0,273	0,004	0,010	0,155	FALSE
0,004	0,297	0,001	0,013	0,016	FALSE
-0,060	0,275	-0,002	0,008	0,117	FALSE
-0,001	0,298	0,000	0,013	0,002	FALSE
-0,009	0,306	0,000	0,013	0,006	FALSE
-0,043	0,281	-0,003	0,011	0,103	FALSE
0,042	0,266	0,002	0,011	0,068	FALSE
0,095	0,292	0,002	0,006	0,089	FALSE
-0,072	0,297	-0,002	0,009	0,105	FALSE
-0,097	0,273	-0,003	0,011	0,125	FALSE

-0,036	0,289	0,000	0,012	0,012	FALSE
-0,046	0,275	-0,004	0,012	0,155	FALSE
0,039	0,289	0,001	0,008	0,059	FALSE
-0,025	0,287	-0,003	0,013	0,075	FALSE
0,099	0,273	0,001	0,011	0,016	FALSE
0,090	0,290	0,001	0,010	0,044	FALSE
0,041	0,294	0,001	0,007	0,030	FALSE
0,029	0,284	0,000	0,007	0,009	FALSE
-0,008	0,287	0,000	0,007	0,008	FALSE
0,115	0,285	0,003	0,007	0,200	FALSE
0,061	0,288	0,002	0,006	0,109	FALSE
-0,130	0,274	-0,003	0,009	0,116	FALSE
-0,036	0,290	-0,001	0,013	0,021	FALSE
-0,070	0,294	-0,002	0,007	0,088	FALSE
0,011	0,288	0,001	0,007	0,063	FALSE
0,079	0,280	0,001	0,006	0,090	FALSE
-0,074	0,303	-0,002	0,012	0,056	FALSE
0,164	0,279	0,006	0,007	0,355	FALSE
-0,085	0,292	-0,002	0,013	0,070	FALSE
0,069	0,285	0,002	0,007	0,119	FALSE
-0,115	0,293	-0,004	0,010	0,166	FALSE
0,100	0,295	0,002	0,008	0,120	FALSE
-0,131	0,275	-0,003	0,011	0,119	FALSE
-0,139	0,299	-0,005	0,013	0,144	FALSE
-0,099	0,289	-0,002	0,012	0,080	FALSE
0,064	0,289	0,003	0,011	0,099	FALSE
-0,075	0,269	-0,001	0,007	0,061	FALSE
0,038	0,284	0,001	0,010	0,037	FALSE
0,011	0,288	-0,001	0,007	0,050	FALSE
0,024	0,309	0,000	0,009	0,017	FALSE
-0,050	0,286	-0,002	0,009	0,062	FALSE
-0,032	0,292	-0,002	0,013	0,042	FALSE
-0,115	0,290	-0,004	0,011	0,139	FALSE
-0,151	0,294	-0,005	0,013	0,133	FALSE
-0,005	0,290	-0,001	0,008	0,038	FALSE
0,096	0,297	0,002	0,013	0,061	FALSE
0,120	0,288	0,003	0,007	0,192	FALSE
-0,056	0,286	0,000	0,013	0,007	FALSE
0,061	0,286	0,001	0,010	0,032	FALSE
-0,025	0,285	-0,002	0,010	0,058	FALSE
0,088	0,264	0,002	0,012	0,055	FALSE
-0,022	0,304	-0,001	0,013	0,032	FALSE
0,020	0,295	0,000	0,012	0,004	FALSE
-0,053	0,293	-0,001	0,007	0,052	FALSE
0,172	0,288	0,006	0,012	0,223	FALSE
-0,113	0,286	-0,001	0,011	0,039	FALSE
0,016	0,288	0,001	0,006	0,054	FALSE
-0,069	0,290	-0,001	0,009	0,045	FALSE
-0,034	0,292	-0,001	0,009	0,028	FALSE
-0,068	0,294	-0,002	0,010	0,070	FALSE
-0,009	0,296	0,000	0,010	0,016	FALSE
0,119	0,293	0,006	0,013	0,178	FALSE
-0,093	0,289	-0,002	0,007	0,121	FALSE

0,059	0,284	0,002	0,009	0,083	FALSE
-0,006	0,289	0,001	0,012	0,038	FALSE
-0,035	0,289	-0,001	0,009	0,043	FALSE
0,037	0,292	0,001	0,011	0,018	FALSE
-0,011	0,304	-0,002	0,012	0,076	FALSE
-0,075	0,274	-0,001	0,009	0,036	FALSE
-0,188	0,278	-0,005	0,010	0,220	FALSE
0,102	0,297	0,003	0,007	0,135	FALSE
-0,021	0,286	-0,003	0,012	0,105	FALSE
0,022	0,298	0,001	0,006	0,032	FALSE
-0,022	0,302	0,001	0,013	0,014	FALSE
0,109	0,271	0,001	0,011	0,038	FALSE
0,046	0,290	0,001	0,007	0,081	FALSE
-0,055	0,276	0,000	0,010	0,007	FALSE
-0,058	0,298	-0,001	0,013	0,029	FALSE
0,027	0,300	0,004	0,013	0,111	FALSE
0,034	0,309	0,001	0,008	0,048	FALSE
-0,044	0,297	-0,001	0,013	0,021	FALSE
-0,053	0,305	-0,003	0,009	0,126	FALSE
-0,172	0,272	-0,003	0,007	0,176	FALSE
-0,093	0,278	-0,003	0,007	0,176	FALSE
-0,108	0,284	-0,004	0,011	0,145	FALSE
0,126	0,285	0,006	0,011	0,217	FALSE
0,012	0,286	-0,001	0,013	0,017	FALSE
0,019	0,294	0,000	0,013	0,000	FALSE
0,005	0,279	0,001	0,010	0,035	FALSE
-0,026	0,295	-0,001	0,012	0,014	FALSE
-0,109	0,300	-0,002	0,007	0,100	FALSE
-0,037	0,296	-0,003	0,013	0,086	FALSE
-0,034	0,296	-0,004	0,012	0,120	FALSE
0,038	0,308	0,002	0,009	0,066	FALSE
0,112	0,289	0,003	0,009	0,111	FALSE
0,039	0,305	0,001	0,010	0,022	FALSE
-0,041	0,287	-0,002	0,009	0,082	FALSE
-0,007	0,292	0,001	0,009	0,026	FALSE
-0,100	0,286	-0,002	0,007	0,142	FALSE
-0,077	0,290	-0,002	0,007	0,100	FALSE
0,102	0,294	0,003	0,011	0,103	FALSE
-0,061	0,288	-0,001	0,007	0,065	FALSE
-0,116	0,285	-0,002	0,009	0,078	FALSE
-0,011	0,288	0,001	0,008	0,023	FALSE
0,012	0,300	0,000	0,009	0,015	FALSE
-0,078	0,298	-0,002	0,008	0,111	FALSE
-0,043	0,296	0,000	0,007	0,002	FALSE
-0,059	0,292	-0,002	0,009	0,097	FALSE
0,031	0,292	0,000	0,008	0,004	FALSE
-0,055	0,288	-0,002	0,011	0,062	FALSE
-0,027	0,281	0,000	0,008	0,006	FALSE
-0,075	0,297	-0,003	0,008	0,122	FALSE
-0,076	0,296	-0,003	0,009	0,110	FALSE
-0,073	0,299	-0,002	0,008	0,110	FALSE
0,120	0,290	0,001	0,007	0,074	FALSE
-0,133	0,288	-0,002	0,008	0,130	FALSE

0,190	0,286	0,008	0,011	0,307	FALSE
-0,068	0,295	-0,003	0,012	0,102	FALSE
-0,074	0,290	-0,003	0,013	0,089	FALSE
0,001	0,290	0,001	0,007	0,043	FALSE
-0,050	0,284	0,000	0,006	0,014	FALSE
0,043	0,298	0,001	0,008	0,028	FALSE
-0,036	0,294	-0,003	0,009	0,114	FALSE
0,019	0,295	0,001	0,011	0,027	FALSE
-0,117	0,277	-0,005	0,013	0,162	FALSE
-0,020	0,297	-0,001	0,007	0,075	FALSE
-0,015	0,275	-0,001	0,007	0,042	FALSE
0,070	0,293	0,000	0,008	0,019	FALSE
0,165	0,282	0,006	0,008	0,319	FALSE
-0,027	0,275	-0,001	0,013	0,017	FALSE
-0,084	0,293	-0,004	0,012	0,141	FALSE
0,170	0,280	0,008	0,013	0,256	FALSE
-0,032	0,279	-0,001	0,008	0,031	FALSE
-0,020	0,291	0,000	0,009	0,003	FALSE
0,057	0,290	0,004	0,013	0,110	FALSE
0,014	0,298	-0,001	0,013	0,019	FALSE
-0,116	0,301	-0,003	0,011	0,118	FALSE
-0,077	0,289	-0,002	0,007	0,101	FALSE
0,111	0,286	0,003	0,008	0,135	FALSE
0,040	0,290	0,002	0,010	0,079	FALSE
0,083	0,283	0,004	0,012	0,119	FALSE
0,075	0,293	0,003	0,009	0,104	FALSE
-0,049	0,272	-0,001	0,006	0,053	FALSE
0,040	0,292	0,001	0,010	0,020	FALSE
0,104	0,294	0,003	0,009	0,145	FALSE
0,136	0,290	0,004	0,009	0,179	FALSE
0,059	0,311	0,002	0,009	0,063	FALSE
0,087	0,306	0,003	0,008	0,138	FALSE
0,035	0,300	-0,001	0,014	0,016	FALSE
0,050	0,294	0,001	0,007	0,039	FALSE
-0,012	0,281	-0,001	0,009	0,058	FALSE
0,078	0,295	0,001	0,013	0,041	FALSE
-0,010	0,300	-0,001	0,011	0,043	FALSE
0,062	0,270	0,006	0,013	0,179	FALSE
0,008	0,281	-0,001	0,008	0,039	FALSE
0,056	0,291	0,002	0,013	0,045	FALSE
-0,043	0,303	-0,002	0,008	0,089	FALSE
0,038	0,292	0,000	0,007	0,011	FALSE
0,007	0,294	-0,001	0,007	0,042	FALSE
-0,034	0,288	-0,002	0,010	0,073	FALSE
0,042	0,291	0,000	0,008	0,009	FALSE
-0,104	0,288	-0,005	0,012	0,175	FALSE
-0,050	0,279	-0,001	0,010	0,046	FALSE
-0,054	0,266	-0,003	0,013	0,092	FALSE
-0,173	0,285	-0,005	0,010	0,213	FALSE
-0,103	0,285	-0,004	0,010	0,147	FALSE
-0,186	0,284	-0,005	0,010	0,214	FALSE
-0,051	0,282	-0,002	0,007	0,092	FALSE
0,088	0,286	0,002	0,007	0,094	FALSE

-0,134	0,292	-0,003	0,008	0,131	FALSE
-0,060	0,294	-0,001	0,010	0,052	FALSE
-0,022	0,307	-0,002	0,011	0,050	FALSE
-0,019	0,296	-0,001	0,007	0,030	FALSE
0,070	0,288	0,001	0,007	0,026	FALSE
0,026	0,284	0,001	0,006	0,089	FALSE
0,021	0,298	-0,001	0,008	0,030	FALSE
-0,059	0,292	-0,002	0,011	0,049	FALSE
-0,014	0,285	0,001	0,007	0,051	FALSE
0,187	0,286	0,007	0,012	0,241	FALSE
-0,197	0,284	-0,006	0,011	0,245	FALSE
0,044	0,279	0,002	0,007	0,094	FALSE
0,002	0,297	0,000	0,009	0,006	FALSE
0,008	0,293	0,001	0,009	0,029	FALSE
0,066	0,273	0,002	0,008	0,098	FALSE
0,076	0,290	0,002	0,007	0,083	FALSE
0,019	0,287	0,002	0,007	0,079	FALSE
0,148	0,295	0,004	0,009	0,176	FALSE
0,084	0,304	0,003	0,009	0,155	FALSE
0,034	0,287	-0,001	0,008	0,055	FALSE
-0,096	0,290	-0,003	0,008	0,170	FALSE
-0,059	0,298	-0,002	0,009	0,073	FALSE
-0,035	0,313	-0,001	0,013	0,022	FALSE
0,062	0,288	0,001	0,009	0,046	FALSE
-0,064	0,275	-0,002	0,012	0,072	FALSE
0,078	0,290	0,001	0,008	0,042	FALSE
-0,018	0,287	-0,002	0,009	0,065	FALSE
0,142	0,278	0,005	0,009	0,227	FALSE
0,233	0,273	0,009	0,013	0,304	FALSE
-0,171	0,281	-0,003	0,007	0,187	FALSE
0,000	0,282	0,001	0,009	0,035	FALSE
-0,073	0,295	-0,003	0,012	0,078	FALSE
-0,210	0,281	-0,005	0,007	0,309	FALSE
-0,092	0,290	-0,002	0,008	0,081	FALSE
-0,054	0,290	-0,001	0,010	0,042	FALSE
0,042	0,289	0,001	0,009	0,032	FALSE
-0,008	0,286	-0,002	0,009	0,095	FALSE
-0,069	0,285	-0,002	0,009	0,087	FALSE
0,094	0,285	0,001	0,008	0,062	FALSE
-0,030	0,287	-0,001	0,008	0,023	FALSE
0,143	0,300	0,003	0,011	0,102	FALSE
0,092	0,298	0,001	0,011	0,034	FALSE
-0,090	0,280	-0,002	0,012	0,058	FALSE
-0,010	0,293	0,001	0,012	0,025	FALSE
0,058	0,297	0,002	0,007	0,088	FALSE
0,141	0,286	0,004	0,009	0,204	FALSE
0,073	0,294	0,002	0,011	0,060	FALSE
-0,005	0,285	0,001	0,007	0,040	FALSE
-0,058	0,292	-0,001	0,007	0,068	FALSE
-0,030	0,300	-0,001	0,007	0,036	FALSE
0,101	0,285	0,004	0,012	0,121	FALSE
-0,033	0,292	-0,002	0,013	0,060	FALSE
0,039	0,307	0,001	0,012	0,034	FALSE

0,011	0,284	0,001	0,010	0,039	FALSE
-0,049	0,296	-0,001	0,007	0,028	FALSE
-0,097	0,290	-0,002	0,007	0,135	FALSE
-0,011	0,276	0,000	0,007	0,014	FALSE
0,030	0,293	0,000	0,007	0,008	FALSE
0,003	0,288	0,000	0,009	0,000	FALSE
-0,129	0,301	-0,006	0,013	0,201	FALSE
0,020	0,282	0,001	0,012	0,015	FALSE
-0,036	0,289	0,000	0,007	0,022	FALSE
-0,107	0,292	-0,004	0,009	0,169	FALSE
-0,060	0,298	-0,001	0,008	0,042	FALSE
0,010	0,281	0,001	0,011	0,034	FALSE
-0,050	0,290	-0,002	0,008	0,118	FALSE
-0,061	0,312	-0,002	0,011	0,056	FALSE
0,026	0,292	0,002	0,013	0,054	FALSE
-0,089	0,289	-0,001	0,008	0,070	FALSE
-0,037	0,296	-0,001	0,013	0,033	FALSE
-0,044	0,295	0,000	0,007	0,008	FALSE
0,017	0,291	-0,001	0,012	0,033	FALSE
0,126	0,294	0,006	0,012	0,227	FALSE
0,035	0,299	0,000	0,012	0,001	FALSE
0,053	0,286	0,000	0,007	0,015	FALSE
0,020	0,293	0,002	0,010	0,069	FALSE
-0,025	0,296	0,000	0,007	0,010	FALSE
-0,098	0,280	-0,002	0,008	0,093	FALSE
-0,039	0,299	-0,001	0,008	0,045	FALSE
-0,025	0,292	-0,001	0,007	0,042	FALSE
0,006	0,294	0,000	0,007	0,005	FALSE
0,067	0,282	0,001	0,007	0,066	FALSE
-0,022	0,290	-0,001	0,012	0,036	FALSE
-0,003	0,297	-0,002	0,008	0,101	FALSE
-0,068	0,292	-0,002	0,007	0,089	FALSE
0,079	0,285	0,003	0,008	0,141	FALSE
0,085	0,301	0,003	0,010	0,101	FALSE
-0,152	0,286	-0,002	0,006	0,148	FALSE
-0,103	0,275	-0,002	0,010	0,071	FALSE
-0,188	0,273	-0,003	0,007	0,217	FALSE
0,076	0,293	0,002	0,009	0,070	FALSE
0,097	0,288	0,002	0,009	0,091	FALSE
-0,065	0,287	-0,002	0,011	0,077	FALSE
0,211	0,285	0,008	0,012	0,294	FALSE
-0,162	0,273	-0,007	0,013	0,231	FALSE
-0,072	0,299	-0,002	0,007	0,121	FALSE
-0,093	0,292	-0,003	0,010	0,128	FALSE
-0,025	0,290	0,000	0,012	0,011	FALSE
-0,003	0,303	0,001	0,011	0,035	FALSE
-0,008	0,295	0,001	0,013	0,014	FALSE
0,158	0,274	0,005	0,010	0,180	FALSE
-0,055	0,286	-0,003	0,010	0,122	FALSE
-0,049	0,287	-0,001	0,007	0,036	FALSE
-0,077	0,285	-0,004	0,009	0,182	FALSE
-0,169	0,272	-0,003	0,008	0,172	FALSE
0,135	0,278	0,003	0,007	0,148	FALSE

-0,088	0,285	-0,001	0,007	0,060	FALSE
-0,082	0,289	-0,003	0,011	0,091	FALSE
-0,038	0,277	-0,001	0,006	0,030	FALSE
-0,102	0,291	-0,004	0,013	0,126	FALSE
0,054	0,288	0,001	0,011	0,018	FALSE
0,035	0,280	0,000	0,008	0,014	FALSE
-0,093	0,291	-0,003	0,011	0,119	FALSE
-0,133	0,281	-0,002	0,006	0,116	FALSE
-0,128	0,277	-0,003	0,007	0,191	FALSE
-0,009	0,296	0,000	0,012	0,007	FALSE
-0,041	0,287	-0,002	0,012	0,053	FALSE
0,023	0,276	0,002	0,007	0,101	FALSE
0,062	0,294	0,000	0,009	0,002	FALSE
-0,074	0,286	-0,002	0,011	0,049	FALSE
-0,035	0,294	-0,003	0,011	0,100	FALSE
-0,132	0,280	-0,003	0,006	0,199	FALSE
0,080	0,290	0,000	0,009	0,016	FALSE
-0,164	0,276	-0,004	0,006	0,262	FALSE
0,079	0,294	0,003	0,008	0,130	FALSE
0,051	0,269	0,003	0,011	0,096	FALSE
0,049	0,283	0,001	0,010	0,046	FALSE
-0,050	0,277	-0,001	0,011	0,047	FALSE
-0,138	0,296	-0,002	0,007	0,141	FALSE
-0,025	0,293	-0,001	0,006	0,060	FALSE
-0,019	0,289	0,000	0,008	0,016	FALSE
-0,124	0,288	-0,003	0,011	0,122	FALSE
0,046	0,284	0,002	0,009	0,082	FALSE
-0,055	0,282	-0,003	0,012	0,107	FALSE
-0,171	0,263	-0,004	0,008	0,222	FALSE
-0,061	0,274	-0,003	0,013	0,091	FALSE
0,104	0,290	0,003	0,008	0,152	FALSE
0,013	0,288	-0,002	0,010	0,055	FALSE
0,082	0,278	0,004	0,013	0,134	FALSE
0,026	0,282	0,000	0,007	0,022	FALSE
0,043	0,286	0,002	0,012	0,071	FALSE
-0,073	0,288	-0,004	0,012	0,143	FALSE
0,046	0,293	0,003	0,013	0,092	FALSE
0,004	0,293	-0,001	0,010	0,046	FALSE
0,038	0,287	0,002	0,008	0,090	FALSE
0,119	0,301	0,004	0,013	0,112	FALSE
0,079	0,298	0,002	0,010	0,075	FALSE
0,008	0,286	-0,001	0,013	0,024	FALSE
0,025	0,298	0,002	0,010	0,079	FALSE
-0,036	0,280	0,000	0,011	0,014	FALSE
0,082	0,295	0,004	0,011	0,149	FALSE
0,031	0,296	0,001	0,012	0,019	FALSE
0,255	0,259	0,012	0,011	0,614	FALSE
0,034	0,286	-0,001	0,009	0,042	FALSE
0,100	0,295	0,002	0,011	0,081	FALSE
-0,102	0,297	-0,002	0,008	0,111	FALSE
-0,043	0,287	-0,001	0,006	0,069	FALSE
0,037	0,278	0,003	0,010	0,113	FALSE
-0,018	0,297	0,000	0,009	0,017	FALSE

-0,018	0,278	0,001	0,012	0,039	FALSE
0,096	0,278	0,001	0,007	0,073	FALSE
-0,033	0,291	0,000	0,008	0,010	FALSE
-0,023	0,289	0,000	0,007	0,008	FALSE
-0,012	0,283	0,000	0,007	0,008	FALSE
0,127	0,290	0,002	0,006	0,136	FALSE
0,000	0,295	0,001	0,007	0,037	FALSE
0,032	0,289	0,000	0,013	0,012	FALSE
0,052	0,278	0,000	0,012	0,005	FALSE
0,071	0,277	0,002	0,011	0,083	FALSE
-0,037	0,292	-0,001	0,012	0,027	FALSE
-0,016	0,293	0,000	0,008	0,015	FALSE
0,154	0,285	0,003	0,006	0,178	FALSE
-0,093	0,295	-0,002	0,011	0,054	FALSE
-0,023	0,305	-0,001	0,007	0,025	FALSE
-0,047	0,287	-0,002	0,011	0,064	FALSE
0,087	0,297	0,003	0,013	0,082	FALSE
0,120	0,293	0,004	0,013	0,110	FALSE
0,063	0,292	0,003	0,009	0,117	FALSE
-0,046	0,282	-0,001	0,011	0,025	FALSE
-0,044	0,307	-0,003	0,008	0,146	FALSE
-0,134	0,285	-0,005	0,013	0,154	FALSE
-0,058	0,298	-0,001	0,006	0,053	FALSE
0,169	0,275	0,005	0,011	0,193	FALSE
0,165	0,298	0,005	0,012	0,169	FALSE
0,094	0,288	0,003	0,011	0,085	FALSE
0,049	0,283	0,002	0,007	0,132	FALSE
0,096	0,288	0,005	0,012	0,149	FALSE
0,040	0,287	0,002	0,007	0,103	FALSE
0,002	0,278	-0,001	0,006	0,050	FALSE
0,025	0,282	0,001	0,007	0,051	FALSE
0,003	0,294	0,001	0,007	0,061	FALSE
-0,054	0,286	-0,004	0,011	0,126	FALSE
-0,064	0,287	-0,002	0,007	0,102	FALSE
0,241	0,297	0,007	0,009	0,384	FALSE
-0,055	0,277	-0,003	0,009	0,135	FALSE
-0,069	0,280	-0,001	0,006	0,066	FALSE
0,191	0,286	0,003	0,006	0,213	FALSE
0,024	0,297	0,001	0,013	0,042	FALSE
-0,023	0,290	-0,001	0,010	0,031	FALSE
-0,034	0,289	-0,001	0,009	0,028	FALSE
-0,025	0,275	0,000	0,009	0,006	FALSE
0,155	0,273	0,006	0,012	0,209	FALSE
-0,010	0,288	0,000	0,012	0,012	FALSE
0,005	0,285	0,000	0,012	0,014	FALSE
0,018	0,297	0,000	0,013	0,005	FALSE
0,104	0,281	0,004	0,011	0,147	FALSE
0,134	0,299	0,004	0,013	0,110	FALSE
0,003	0,299	0,001	0,007	0,041	FALSE
0,042	0,301	0,001	0,013	0,032	FALSE
-0,098	0,291	-0,002	0,008	0,114	FALSE
0,039	0,295	0,000	0,007	0,002	FALSE
0,039	0,300	0,002	0,013	0,059	FALSE

0,014	0,283	0,000	0,011	0,011	FALSE
-0,068	0,289	0,000	0,008	0,017	FALSE
0,010	0,292	0,002	0,009	0,096	FALSE
0,042	0,284	0,001	0,009	0,046	FALSE
-0,022	0,301	-0,001	0,011	0,048	FALSE
0,178	0,265	0,007	0,012	0,253	FALSE
0,152	0,288	0,006	0,013	0,188	FALSE
0,165	0,287	0,006	0,013	0,195	FALSE
0,132	0,277	0,005	0,013	0,151	FALSE
0,171	0,278	0,007	0,012	0,245	FALSE
-0,184	0,281	-0,003	0,006	0,184	FALSE
-0,054	0,304	0,000	0,007	0,012	FALSE
-0,091	0,267	-0,001	0,008	0,061	FALSE
-0,002	0,286	-0,001	0,009	0,027	FALSE
0,079	0,283	0,003	0,010	0,126	FALSE
0,115	0,289	0,004	0,009	0,197	FALSE
0,078	0,300	0,002	0,010	0,080	FALSE
-0,066	0,283	-0,004	0,010	0,139	FALSE
0,073	0,296	0,002	0,007	0,083	FALSE
0,069	0,297	0,002	0,012	0,059	FALSE
0,018	0,290	-0,001	0,013	0,024	FALSE
0,039	0,279	0,003	0,011	0,103	FALSE
-0,117	0,286	-0,003	0,009	0,131	FALSE
-0,091	0,285	-0,002	0,008	0,094	FALSE
-0,148	0,271	-0,009	0,011	0,361	FALSE
-0,136	0,282	-0,003	0,006	0,178	FALSE
-0,072	0,291	0,000	0,013	0,012	FALSE
0,069	0,295	0,001	0,013	0,041	FALSE
0,026	0,285	0,002	0,008	0,077	FALSE
0,002	0,291	-0,002	0,012	0,067	FALSE
0,008	0,300	0,002	0,013	0,050	FALSE
-0,175	0,285	-0,003	0,007	0,223	FALSE
0,128	0,292	0,003	0,010	0,126	FALSE
-0,047	0,273	-0,001	0,006	0,057	FALSE
0,120	0,305	0,004	0,010	0,172	FALSE
-0,170	0,300	-0,004	0,009	0,203	FALSE
0,031	0,291	0,000	0,009	0,008	FALSE
0,101	0,295	0,003	0,010	0,112	FALSE
0,057	0,290	0,002	0,013	0,046	FALSE
-0,017	0,298	-0,001	0,013	0,028	FALSE
0,067	0,293	0,000	0,007	0,019	FALSE
-0,041	0,275	-0,003	0,007	0,146	FALSE
0,075	0,297	0,002	0,012	0,063	FALSE
0,032	0,292	0,001	0,010	0,022	FALSE
-0,115	0,286	-0,002	0,008	0,104	FALSE
0,049	0,281	0,001	0,013	0,019	FALSE
0,045	0,292	0,000	0,013	0,009	FALSE
0,100	0,298	0,000	0,007	0,007	FALSE
-0,069	0,287	-0,002	0,008	0,096	FALSE
-0,115	0,277	-0,003	0,007	0,146	FALSE
-0,095	0,282	0,000	0,010	0,008	FALSE
0,044	0,288	0,000	0,009	0,002	FALSE
0,025	0,295	-0,001	0,008	0,024	FALSE

-0,043	0,281	0,001	0,013	0,025	FALSE
-0,013	0,291	-0,001	0,009	0,026	FALSE
0,024	0,288	0,000	0,006	0,023	FALSE
-0,092	0,271	-0,001	0,009	0,047	FALSE
0,142	0,292	0,002	0,007	0,148	FALSE
-0,115	0,284	-0,003	0,009	0,144	FALSE
-0,100	0,298	-0,003	0,009	0,107	FALSE
-0,116	0,291	-0,005	0,012	0,164	FALSE
-0,132	0,290	-0,003	0,007	0,183	FALSE
0,082	0,288	0,003	0,012	0,091	FALSE
0,048	0,275	0,003	0,012	0,090	FALSE
-0,107	0,294	-0,002	0,008	0,119	FALSE
0,041	0,290	-0,001	0,010	0,025	FALSE
0,012	0,300	-0,001	0,013	0,030	FALSE
0,047	0,283	-0,001	0,010	0,038	FALSE
0,017	0,274	-0,002	0,011	0,087	FALSE
-0,011	0,289	0,001	0,007	0,036	FALSE
0,056	0,291	0,001	0,006	0,040	FALSE
0,058	0,291	0,003	0,008	0,130	FALSE
-0,157	0,284	-0,004	0,006	0,253	FALSE
-0,124	0,291	-0,003	0,010	0,106	FALSE
0,011	0,277	0,000	0,012	0,002	FALSE
-0,038	0,302	-0,001	0,007	0,050	FALSE
-0,054	0,284	-0,004	0,009	0,187	FALSE
0,071	0,300	0,002	0,013	0,047	FALSE
0,079	0,297	0,004	0,013	0,112	FALSE
0,107	0,288	0,002	0,007	0,117	FALSE
-0,189	0,263	-0,004	0,010	0,158	FALSE
0,131	0,271	0,005	0,009	0,234	FALSE
0,051	0,299	0,002	0,012	0,064	FALSE
0,053	0,295	0,002	0,009	0,064	FALSE
-0,205	0,273	-0,005	0,007	0,298	FALSE
-0,054	0,286	-0,003	0,012	0,103	FALSE
-0,044	0,291	0,000	0,007	0,008	FALSE
-0,200	0,272	-0,004	0,009	0,214	FALSE
-0,121	0,283	-0,004	0,012	0,118	FALSE
-0,069	0,280	-0,003	0,012	0,076	FALSE
-0,108	0,278	-0,002	0,008	0,096	FALSE
0,095	0,295	0,002	0,010	0,070	FALSE
0,088	0,284	0,003	0,007	0,144	FALSE
-0,051	0,286	0,000	0,009	0,002	FALSE
-0,097	0,289	-0,003	0,009	0,105	FALSE
0,161	0,289	0,003	0,007	0,182	FALSE
-0,057	0,291	-0,001	0,011	0,028	FALSE
0,056	0,288	0,001	0,008	0,037	FALSE
0,046	0,289	0,001	0,008	0,034	FALSE
0,044	0,273	0,000	0,007	0,001	FALSE
-0,005	0,277	-0,001	0,010	0,025	FALSE
0,113	0,296	0,002	0,009	0,072	FALSE
-0,086	0,295	-0,002	0,007	0,116	FALSE
0,074	0,295	0,003	0,012	0,086	FALSE
-0,006	0,302	0,000	0,013	0,007	FALSE
0,012	0,279	0,001	0,012	0,024	FALSE

0,053	0,282	0,002	0,010	0,059	FALSE
0,001	0,290	-0,002	0,010	0,063	FALSE
0,021	0,290	-0,001	0,012	0,027	FALSE
-0,042	0,291	0,000	0,007	0,001	FALSE
-0,005	0,299	-0,001	0,010	0,022	FALSE
-0,036	0,285	-0,002	0,010	0,062	FALSE
-0,126	0,289	-0,003	0,007	0,207	FALSE
-0,074	0,294	-0,002	0,007	0,113	FALSE
-0,043	0,278	-0,003	0,013	0,090	FALSE
0,081	0,288	0,002	0,012	0,064	FALSE
0,052	0,296	0,001	0,011	0,043	FALSE
-0,068	0,288	-0,005	0,009	0,211	FALSE
-0,027	0,289	0,000	0,007	0,014	FALSE
-0,027	0,273	-0,001	0,009	0,028	FALSE
-0,159	0,292	-0,007	0,011	0,248	FALSE
-0,013	0,297	-0,002	0,011	0,061	FALSE
-0,111	0,284	-0,003	0,010	0,108	FALSE
-0,084	0,297	-0,003	0,008	0,165	FALSE
0,056	0,297	0,002	0,011	0,065	FALSE
0,067	0,280	0,004	0,010	0,162	FALSE
0,114	0,284	0,003	0,010	0,130	FALSE
0,006	0,303	0,000	0,013	0,007	FALSE
-0,043	0,296	-0,002	0,013	0,044	FALSE
0,014	0,292	-0,001	0,009	0,024	FALSE
0,051	0,300	0,004	0,013	0,139	FALSE
-0,071	0,290	-0,001	0,013	0,017	FALSE
0,115	0,271	0,002	0,008	0,107	FALSE
0,047	0,289	-0,001	0,012	0,046	FALSE
0,146	0,273	0,003	0,009	0,150	FALSE
0,101	0,287	0,001	0,008	0,058	FALSE
0,133	0,283	0,005	0,010	0,220	FALSE
-0,021	0,272	-0,001	0,012	0,021	FALSE
-0,135	0,282	-0,004	0,009	0,172	FALSE
0,110	0,278	0,004	0,009	0,164	FALSE
0,012	0,271	0,000	0,010	0,016	FALSE
-0,099	0,296	-0,003	0,010	0,128	FALSE
0,038	0,280	0,002	0,008	0,108	FALSE
0,135	0,282	0,006	0,010	0,257	FALSE
-0,044	0,283	-0,001	0,009	0,047	FALSE
0,075	0,279	0,003	0,009	0,126	FALSE
0,060	0,288	0,001	0,007	0,078	FALSE
0,025	0,291	0,001	0,008	0,033	FALSE
0,159	0,294	0,004	0,008	0,178	FALSE
0,055	0,292	0,002	0,008	0,076	FALSE
0,058	0,297	0,002	0,010	0,094	FALSE
-0,007	0,310	-0,002	0,008	0,079	FALSE
0,014	0,283	-0,001	0,010	0,030	FALSE
-0,011	0,288	-0,001	0,007	0,062	FALSE
0,086	0,291	0,002	0,010	0,085	FALSE
0,024	0,288	0,000	0,010	0,014	FALSE
0,004	0,294	0,001	0,010	0,027	FALSE
-0,049	0,309	-0,001	0,013	0,030	FALSE
-0,013	0,296	-0,001	0,012	0,039	FALSE

-0,185	0,289	-0,004	0,007	0,237	FALSE
-0,109	0,272	-0,002	0,011	0,082	FALSE
-0,065	0,297	-0,002	0,010	0,088	FALSE
0,016	0,296	0,002	0,012	0,054	FALSE
0,125	0,294	0,005	0,011	0,187	FALSE
-0,035	0,282	-0,003	0,010	0,099	FALSE
0,116	0,292	0,007	0,013	0,217	FALSE
0,098	0,293	0,002	0,012	0,073	FALSE
0,121	0,285	0,004	0,009	0,180	FALSE
0,039	0,282	0,001	0,009	0,048	FALSE
-0,135	0,278	-0,003	0,007	0,149	FALSE
0,016	0,288	0,002	0,008	0,074	FALSE
-0,026	0,293	0,001	0,010	0,021	FALSE
0,031	0,298	0,002	0,011	0,069	FALSE
0,193	0,286	0,008	0,012	0,312	FALSE
0,174	0,297	0,004	0,007	0,222	FALSE
-0,010	0,284	0,000	0,007	0,007	FALSE
0,044	0,282	0,000	0,010	0,011	FALSE
-0,020	0,295	0,000	0,013	0,007	FALSE
-0,040	0,285	-0,001	0,012	0,024	FALSE
-0,140	0,287	-0,003	0,006	0,193	FALSE
0,003	0,288	0,001	0,010	0,038	FALSE
0,183	0,290	0,008	0,013	0,272	FALSE
-0,020	0,295	-0,002	0,012	0,055	FALSE
-0,053	0,292	-0,001	0,013	0,038	FALSE
-0,078	0,299	-0,002	0,006	0,111	FALSE
-0,108	0,283	-0,004	0,012	0,142	FALSE
0,152	0,275	0,005	0,010	0,219	FALSE
-0,035	0,287	0,000	0,011	0,012	FALSE
-0,056	0,285	0,000	0,007	0,013	FALSE
-0,175	0,287	-0,006	0,009	0,320	FALSE
0,130	0,281	0,005	0,012	0,180	FALSE
-0,191	0,288	-0,005	0,008	0,239	FALSE
-0,032	0,283	-0,001	0,010	0,034	FALSE
0,007	0,286	-0,003	0,013	0,080	FALSE
0,014	0,294	0,001	0,013	0,023	FALSE
-0,075	0,295	-0,003	0,008	0,138	FALSE
-0,179	0,283	-0,004	0,006	0,274	FALSE
-0,083	0,282	-0,004	0,013	0,142	FALSE
0,033	0,295	0,003	0,013	0,084	FALSE
-0,092	0,281	-0,004	0,012	0,124	FALSE
0,125	0,300	0,005	0,012	0,147	FALSE
-0,075	0,285	-0,004	0,014	0,099	FALSE
-0,008	0,295	0,000	0,013	0,004	FALSE
-0,008	0,303	0,000	0,013	0,001	FALSE
-0,006	0,297	0,001	0,013	0,022	FALSE
-0,045	0,284	-0,001	0,007	0,045	FALSE
-0,070	0,286	-0,004	0,012	0,144	FALSE
-0,074	0,303	-0,004	0,012	0,143	FALSE
0,010	0,288	0,001	0,009	0,031	FALSE
-0,037	0,288	-0,003	0,010	0,105	FALSE
0,052	0,283	0,001	0,007	0,037	FALSE
0,042	0,306	0,001	0,006	0,042	FALSE

0,107	0,281	0,006	0,013	0,181	FALSE
-0,020	0,289	-0,002	0,013	0,058	FALSE
-0,178	0,286	-0,006	0,011	0,221	FALSE
0,066	0,285	0,003	0,011	0,099	FALSE
0,171	0,290	0,007	0,013	0,223	FALSE
0,146	0,288	0,006	0,013	0,183	FALSE
0,166	0,293	0,007	0,013	0,212	FALSE
0,076	0,285	0,003	0,009	0,117	FALSE
0,056	0,281	0,000	0,006	0,003	FALSE
0,004	0,295	0,001	0,013	0,017	FALSE
-0,038	0,307	-0,002	0,010	0,076	FALSE
-0,063	0,301	-0,004	0,013	0,120	FALSE
0,116	0,291	0,002	0,008	0,105	FALSE
0,077	0,273	0,004	0,013	0,115	FALSE
-0,276	0,269	-0,012	0,012	0,479	FALSE
-0,031	0,280	-0,001	0,008	0,058	FALSE
0,005	0,306	0,001	0,009	0,025	FALSE
-0,017	0,291	-0,001	0,011	0,047	FALSE
-0,045	0,292	-0,003	0,012	0,085	FALSE
-0,160	0,278	-0,006	0,012	0,235	FALSE
0,034	0,293	0,000	0,012	0,008	FALSE
-0,130	0,278	-0,005	0,012	0,195	FALSE
0,105	0,286	0,003	0,008	0,187	FALSE
-0,068	0,286	-0,002	0,007	0,116	FALSE
0,179	0,289	0,007	0,010	0,284	FALSE
0,010	0,290	0,000	0,011	0,011	FALSE
-0,088	0,289	-0,007	0,012	0,245	FALSE
-0,050	0,303	-0,002	0,006	0,123	FALSE
0,067	0,286	0,000	0,008	0,011	FALSE
0,022	0,296	-0,001	0,010	0,021	FALSE
-0,032	0,281	-0,002	0,007	0,090	FALSE
-0,077	0,294	-0,004	0,013	0,118	FALSE
0,157	0,291	0,003	0,007	0,171	FALSE
0,109	0,285	0,005	0,011	0,169	FALSE
0,036	0,289	0,002	0,009	0,095	FALSE
-0,004	0,293	-0,001	0,007	0,053	FALSE
-0,149	0,287	-0,003	0,008	0,146	FALSE
-0,065	0,300	0,000	0,012	0,001	FALSE
0,153	0,284	0,003	0,007	0,164	FALSE
0,084	0,288	0,001	0,007	0,072	FALSE
0,118	0,298	0,005	0,012	0,175	FALSE
-0,074	0,285	-0,003	0,008	0,123	FALSE
-0,117	0,277	-0,005	0,011	0,200	FALSE
0,050	0,283	0,001	0,009	0,034	FALSE
0,097	0,295	0,001	0,007	0,052	FALSE
0,110	0,293	0,002	0,006	0,112	FALSE
-0,009	0,291	0,000	0,007	0,012	FALSE
0,050	0,293	0,002	0,013	0,067	FALSE
0,026	0,304	-0,001	0,008	0,024	FALSE
-0,073	0,291	-0,002	0,011	0,053	FALSE
0,067	0,286	0,002	0,011	0,054	FALSE
-0,084	0,284	-0,002	0,012	0,073	FALSE
0,034	0,288	0,002	0,009	0,063	FALSE

0,163	0,284	0,003	0,006	0,209	FALSE
-0,124	0,291	-0,004	0,012	0,131	FALSE
-0,105	0,277	-0,004	0,009	0,184	FALSE
0,106	0,289	0,002	0,007	0,130	FALSE
-0,182	0,274	-0,005	0,008	0,282	FALSE
-0,129	0,294	-0,004	0,009	0,172	FALSE
0,048	0,298	0,001	0,010	0,049	FALSE
-0,129	0,279	-0,004	0,009	0,169	FALSE
0,053	0,309	0,002	0,013	0,052	FALSE
0,037	0,292	0,001	0,012	0,018	FALSE
0,012	0,308	-0,001	0,013	0,040	FALSE
-0,065	0,283	-0,001	0,007	0,031	FALSE
0,080	0,286	0,006	0,013	0,187	FALSE
0,022	0,300	0,000	0,008	0,007	FALSE
-0,061	0,295	-0,003	0,010	0,129	FALSE
0,020	0,300	0,001	0,013	0,017	FALSE
-0,014	0,293	-0,001	0,013	0,040	FALSE
-0,135	0,279	-0,005	0,011	0,175	FALSE
-0,012	0,283	-0,001	0,012	0,038	FALSE
-0,012	0,283	-0,001	0,012	0,036	FALSE
0,156	0,261	0,007	0,011	0,260	FALSE
0,123	0,281	0,002	0,006	0,096	FALSE
0,057	0,287	0,001	0,011	0,038	FALSE
0,088	0,294	0,002	0,007	0,107	FALSE
-0,001	0,297	0,000	0,013	0,005	FALSE
-0,007	0,292	0,000	0,012	0,013	FALSE
0,001	0,287	0,001	0,007	0,041	FALSE
0,155	0,290	0,006	0,013	0,193	FALSE
0,054	0,281	0,001	0,006	0,065	FALSE
-0,006	0,277	0,001	0,008	0,053	FALSE
0,120	0,292	0,003	0,008	0,141	FALSE
-0,047	0,265	-0,004	0,012	0,125	FALSE
-0,104	0,291	-0,003	0,009	0,108	FALSE
0,014	0,293	0,000	0,008	0,017	FALSE
0,102	0,290	0,004	0,008	0,181	FALSE
0,064	0,300	0,003	0,009	0,118	FALSE
-0,047	0,289	-0,003	0,010	0,094	FALSE
0,113	0,288	0,003	0,008	0,137	FALSE
-0,027	0,298	0,000	0,013	0,003	FALSE
-0,034	0,304	-0,001	0,013	0,020	FALSE
-0,148	0,274	-0,004	0,010	0,182	FALSE
0,051	0,288	0,000	0,006	0,023	FALSE
0,021	0,292	0,000	0,007	0,001	FALSE
-0,130	0,291	-0,005	0,010	0,204	FALSE
-0,063	0,299	-0,002	0,007	0,113	FALSE
0,023	0,283	-0,002	0,012	0,065	FALSE
-0,049	0,277	-0,001	0,007	0,061	FALSE
-0,031	0,281	0,000	0,008	0,001	FALSE
0,099	0,282	0,002	0,010	0,094	FALSE
0,175	0,280	0,004	0,006	0,265	FALSE
0,026	0,302	0,000	0,007	0,004	FALSE
0,198	0,308	0,008	0,011	0,304	FALSE
0,176	0,286	0,004	0,007	0,263	FALSE

0,114	0,278	0,004	0,012	0,113	FALSE
0,079	0,291	0,001	0,010	0,029	FALSE
0,095	0,287	0,001	0,010	0,041	FALSE
0,058	0,285	0,001	0,010	0,032	FALSE
0,144	0,292	0,002	0,007	0,104	FALSE
0,052	0,283	0,000	0,007	0,018	FALSE
-0,057	0,292	-0,002	0,006	0,095	FALSE
0,083	0,294	0,003	0,011	0,095	FALSE
-0,090	0,290	-0,003	0,010	0,121	FALSE
-0,086	0,301	-0,003	0,013	0,088	FALSE
0,040	0,282	0,000	0,008	0,008	FALSE
0,159	0,290	0,006	0,012	0,212	FALSE
0,172	0,286	0,006	0,012	0,233	FALSE
-0,151	0,292	-0,006	0,011	0,215	FALSE
0,059	0,301	0,002	0,014	0,052	FALSE
-0,077	0,289	-0,003	0,009	0,130	FALSE
0,011	0,292	0,001	0,007	0,052	FALSE
0,129	0,278	0,003	0,008	0,161	FALSE
-0,013	0,293	-0,001	0,011	0,037	FALSE
0,127	0,297	0,002	0,007	0,131	FALSE
0,005	0,290	0,000	0,008	0,011	FALSE
0,009	0,286	0,000	0,008	0,000	FALSE
-0,182	0,271	-0,004	0,008	0,194	FALSE
-0,077	0,296	-0,001	0,012	0,030	FALSE
-0,177	0,272	-0,003	0,007	0,207	FALSE
-0,140	0,277	-0,004	0,009	0,219	FALSE
-0,038	0,294	0,000	0,008	0,015	FALSE
-0,187	0,286	-0,004	0,006	0,235	FALSE
-0,179	0,285	-0,004	0,008	0,199	FALSE
-0,088	0,291	-0,002	0,008	0,094	FALSE
-0,109	0,285	-0,005	0,012	0,159	FALSE
0,036	0,290	0,000	0,007	0,001	FALSE
0,017	0,302	-0,001	0,008	0,050	FALSE
0,050	0,272	0,003	0,011	0,115	FALSE
0,019	0,294	0,001	0,010	0,031	FALSE
-0,060	0,295	-0,003	0,009	0,124	FALSE
0,147	0,290	0,003	0,008	0,131	FALSE
-0,055	0,296	-0,003	0,010	0,126	FALSE
-0,080	0,299	-0,002	0,007	0,082	FALSE
0,074	0,287	0,002	0,007	0,135	FALSE
-0,174	0,281	-0,006	0,010	0,251	FALSE
-0,079	0,283	-0,002	0,009	0,073	FALSE
-0,204	0,287	-0,005	0,010	0,221	FALSE
-0,096	0,291	-0,004	0,013	0,113	FALSE
-0,070	0,311	-0,002	0,007	0,107	FALSE
-0,067	0,294	-0,001	0,008	0,070	FALSE
0,058	0,287	0,001	0,007	0,059	FALSE
-0,093	0,297	-0,004	0,011	0,135	FALSE
0,043	0,273	0,002	0,009	0,073	FALSE
-0,093	0,295	-0,001	0,006	0,071	FALSE
-0,155	0,287	-0,004	0,010	0,171	FALSE
0,071	0,299	0,001	0,009	0,033	FALSE
0,033	0,279	0,000	0,008	0,018	FALSE

-0,027	0,288	0,001	0,009	0,022	FALSE
-0,043	0,303	-0,002	0,012	0,045	FALSE
0,082	0,297	0,003	0,011	0,101	FALSE
0,012	0,287	0,001	0,009	0,029	FALSE
0,066	0,297	0,003	0,012	0,083	FALSE
-0,094	0,291	-0,002	0,007	0,146	FALSE
0,020	0,303	0,002	0,012	0,054	FALSE
0,029	0,285	0,000	0,008	0,012	FALSE
-0,076	0,307	-0,002	0,009	0,076	FALSE
-0,018	0,290	-0,002	0,013	0,068	FALSE
-0,081	0,290	-0,005	0,013	0,165	FALSE
-0,041	0,283	-0,004	0,013	0,120	FALSE
0,028	0,290	0,000	0,006	0,027	FALSE
-0,043	0,282	0,000	0,009	0,017	FALSE
-0,029	0,299	-0,001	0,009	0,035	FALSE
0,110	0,288	0,004	0,012	0,120	FALSE
0,059	0,278	0,001	0,012	0,044	FALSE
0,154	0,283	0,004	0,011	0,149	FALSE
-0,006	0,293	-0,002	0,012	0,057	FALSE
-0,065	0,282	-0,002	0,006	0,125	FALSE
-0,075	0,285	-0,004	0,013	0,111	FALSE
-0,142	0,276	-0,005	0,013	0,163	FALSE
0,157	0,284	0,002	0,008	0,091	FALSE
-0,185	0,294	-0,007	0,011	0,256	FALSE
-0,139	0,288	-0,003	0,010	0,133	FALSE
-0,156	0,286	-0,004	0,010	0,177	FALSE
-0,163	0,273	-0,004	0,011	0,162	FALSE
-0,090	0,285	-0,002	0,010	0,060	FALSE
0,068	0,292	0,002	0,009	0,108	FALSE
-0,082	0,284	-0,001	0,007	0,068	FALSE
-0,028	0,302	-0,001	0,009	0,052	FALSE
-0,016	0,291	-0,001	0,010	0,048	FALSE
0,044	0,290	0,000	0,009	0,004	FALSE
0,009	0,303	0,000	0,013	0,005	FALSE
-0,011	0,288	0,000	0,008	0,015	FALSE
0,025	0,283	-0,002	0,006	0,100	FALSE
-0,011	0,292	-0,003	0,012	0,090	FALSE
0,100	0,283	0,004	0,010	0,193	FALSE
-0,084	0,288	-0,006	0,013	0,181	FALSE
-0,034	0,293	-0,001	0,009	0,020	FALSE
0,046	0,288	0,000	0,007	0,025	FALSE
0,088	0,279	0,005	0,011	0,168	FALSE
0,064	0,280	0,004	0,010	0,152	FALSE
-0,026	0,304	-0,003	0,013	0,092	FALSE
-0,041	0,283	-0,001	0,008	0,050	FALSE
0,174	0,281	0,006	0,012	0,209	FALSE
-0,084	0,286	-0,003	0,008	0,140	FALSE
-0,160	0,279	-0,005	0,008	0,250	FALSE
-0,015	0,307	0,000	0,013	0,013	FALSE
-0,092	0,289	-0,003	0,008	0,129	FALSE
-0,029	0,288	-0,001	0,007	0,038	FALSE
-0,083	0,293	-0,003	0,008	0,127	FALSE
-0,036	0,298	-0,001	0,008	0,063	FALSE

-0,012	0,298	-0,001	0,009	0,055	FALSE
0,096	0,291	0,003	0,007	0,157	FALSE
0,006	0,296	-0,001	0,007	0,040	FALSE
-0,011	0,290	-0,001	0,008	0,025	FALSE
-0,012	0,294	-0,001	0,009	0,022	FALSE
0,022	0,287	0,000	0,007	0,000	FALSE
-0,014	0,286	-0,001	0,009	0,050	FALSE
0,070	0,300	0,001	0,007	0,030	FALSE
0,008	0,296	0,001	0,012	0,038	FALSE
0,063	0,281	0,000	0,008	0,021	FALSE
-0,040	0,282	0,000	0,006	0,013	FALSE
-0,133	0,287	-0,003	0,013	0,103	FALSE
0,133	0,287	0,003	0,013	0,073	FALSE
-0,024	0,272	0,000	0,006	0,000	FALSE
0,105	0,294	0,004	0,013	0,118	FALSE
-0,081	0,281	-0,002	0,011	0,068	FALSE
0,146	0,286	0,006	0,013	0,196	FALSE
0,036	0,289	0,001	0,012	0,036	FALSE
0,020	0,292	0,001	0,012	0,030	FALSE
0,016	0,299	0,001	0,013	0,019	FALSE
0,136	0,287	0,003	0,007	0,157	FALSE
0,027	0,298	0,002	0,013	0,045	FALSE
-0,018	0,299	-0,001	0,013	0,034	FALSE
0,011	0,304	0,000	0,013	0,009	FALSE
0,011	0,311	0,000	0,013	0,001	FALSE
-0,029	0,287	-0,001	0,013	0,037	FALSE
0,007	0,308	0,000	0,013	0,001	FALSE
-0,015	0,299	-0,001	0,013	0,016	FALSE
-0,012	0,294	0,000	0,013	0,011	FALSE
-0,006	0,305	0,000	0,013	0,003	FALSE
-0,017	0,300	0,000	0,013	0,011	FALSE
0,009	0,309	0,000	0,013	0,000	FALSE
0,000	0,307	0,000	0,013	0,001	FALSE
0,010	0,306	0,000	0,013	0,004	FALSE
-0,010	0,317	-0,001	0,013	0,014	FALSE
0,032	0,298	0,001	0,013	0,042	FALSE
0,062	0,303	0,001	0,007	0,044	FALSE
0,050	0,290	0,003	0,010	0,117	FALSE
0,087	0,294	0,002	0,008	0,080	FALSE
0,134	0,274	0,005	0,009	0,233	FALSE
-0,024	0,286	0,000	0,013	0,010	FALSE
-0,069	0,300	-0,002	0,008	0,101	FALSE
0,008	0,298	0,003	0,013	0,074	FALSE
0,121	0,278	0,007	0,012	0,237	FALSE
0,070	0,298	0,003	0,012	0,082	FALSE
-0,071	0,285	-0,002	0,013	0,047	FALSE
-0,066	0,277	-0,004	0,012	0,134	FALSE
0,040	0,296	0,000	0,011	0,002	FALSE
0,068	0,282	0,002	0,011	0,072	FALSE
0,061	0,286	0,002	0,011	0,076	FALSE
0,014	0,284	0,000	0,008	0,013	FALSE
-0,075	0,280	-0,002	0,008	0,083	FALSE
-0,035	0,281	-0,003	0,010	0,135	FALSE

0,116	0,289	0,004	0,007	0,267	FALSE
0,118	0,302	0,002	0,010	0,090	FALSE
-0,161	0,293	-0,004	0,007	0,237	FALSE
-0,014	0,287	-0,002	0,008	0,084	FALSE
-0,122	0,276	-0,002	0,007	0,127	FALSE
0,129	0,283	0,003	0,007	0,209	FALSE
-0,013	0,312	0,000	0,013	0,009	FALSE
-0,014	0,297	0,000	0,013	0,002	FALSE
0,098	0,277	0,003	0,006	0,171	FALSE
0,046	0,299	0,001	0,009	0,048	FALSE
0,034	0,295	0,001	0,008	0,039	FALSE
0,083	0,294	0,002	0,007	0,124	FALSE
-0,030	0,288	0,000	0,008	0,005	FALSE
0,044	0,285	0,002	0,010	0,093	FALSE
0,027	0,276	0,002	0,011	0,070	FALSE
0,082	0,281	0,003	0,012	0,083	FALSE
0,196	0,274	0,007	0,012	0,249	FALSE
-0,089	0,295	-0,003	0,013	0,086	FALSE
0,152	0,285	0,006	0,013	0,217	FALSE
-0,022	0,293	-0,001	0,011	0,029	FALSE
-0,048	0,293	-0,001	0,012	0,034	FALSE
0,014	0,281	0,000	0,007	0,017	FALSE
0,047	0,286	0,003	0,011	0,105	FALSE
-0,147	0,283	-0,003	0,007	0,190	FALSE
0,005	0,287	0,000	0,009	0,003	FALSE
-0,157	0,285	-0,004	0,007	0,222	FALSE
0,003	0,284	0,000	0,006	0,016	FALSE
-0,053	0,290	-0,002	0,010	0,087	FALSE
-0,037	0,305	-0,001	0,010	0,044	FALSE
-0,027	0,292	-0,001	0,010	0,050	FALSE
-0,020	0,295	0,000	0,010	0,005	FALSE
-0,041	0,293	0,000	0,008	0,016	FALSE
-0,093	0,296	-0,002	0,006	0,131	FALSE
-0,062	0,287	-0,002	0,006	0,100	FALSE
-0,093	0,288	-0,002	0,006	0,136	FALSE
0,040	0,304	0,002	0,011	0,053	FALSE
-0,095	0,283	-0,001	0,009	0,055	FALSE
-0,061	0,290	-0,003	0,012	0,095	FALSE
-0,025	0,281	-0,003	0,009	0,121	FALSE
-0,142	0,287	-0,004	0,010	0,181	FALSE
0,168	0,269	0,005	0,012	0,183	FALSE
0,177	0,281	0,006	0,012	0,212	FALSE
0,084	0,290	0,001	0,011	0,043	FALSE
-0,040	0,293	0,000	0,008	0,000	FALSE
0,081	0,287	0,002	0,011	0,053	FALSE
0,189	0,280	0,005	0,010	0,221	FALSE
0,035	0,298	0,001	0,009	0,027	FALSE
0,093	0,282	0,002	0,007	0,101	FALSE
-0,086	0,283	-0,003	0,012	0,102	FALSE
-0,051	0,284	0,000	0,007	0,023	FALSE
0,120	0,282	0,003	0,011	0,108	FALSE
-0,040	0,297	-0,001	0,007	0,047	FALSE
-0,007	0,300	-0,001	0,013	0,038	FALSE

-0,022	0,293	0,000	0,008	0,006	FALSE
0,164	0,300	0,003	0,007	0,169	FALSE
-0,106	0,298	-0,004	0,014	0,110	FALSE
-0,091	0,280	-0,001	0,012	0,023	FALSE
0,063	0,286	0,003	0,009	0,129	FALSE
-0,196	0,290	-0,004	0,007	0,249	FALSE
-0,178	0,276	-0,003	0,007	0,192	FALSE
0,003	0,290	-0,002	0,010	0,064	FALSE
-0,060	0,279	-0,001	0,013	0,018	FALSE
0,060	0,290	0,003	0,009	0,112	FALSE
0,003	0,284	0,002	0,013	0,058	FALSE
0,079	0,296	0,001	0,007	0,028	FALSE
0,070	0,291	0,000	0,007	0,004	FALSE
-0,139	0,285	-0,004	0,010	0,176	FALSE
0,038	0,297	0,000	0,007	0,020	FALSE
0,081	0,282	0,001	0,007	0,038	FALSE
-0,150	0,278	-0,005	0,012	0,160	FALSE
0,021	0,290	0,002	0,009	0,082	FALSE
-0,004	0,299	0,000	0,013	0,002	FALSE
0,040	0,285	0,002	0,010	0,090	FALSE
-0,059	0,288	-0,001	0,007	0,064	FALSE
0,005	0,295	0,000	0,008	0,004	FALSE
0,077	0,288	0,005	0,013	0,164	FALSE
0,049	0,282	0,003	0,010	0,105	FALSE
0,120	0,283	0,003	0,007	0,172	FALSE
0,008	0,281	-0,001	0,009	0,034	FALSE
-0,019	0,289	-0,003	0,013	0,095	FALSE
0,031	0,279	0,002	0,006	0,122	FALSE
-0,140	0,292	-0,003	0,006	0,213	FALSE
-0,089	0,287	-0,002	0,012	0,064	FALSE
-0,141	0,283	-0,003	0,007	0,206	FALSE
-0,098	0,294	-0,001	0,007	0,071	FALSE
0,017	0,284	-0,001	0,012	0,033	FALSE
0,009	0,272	0,000	0,007	0,024	FALSE
-0,128	0,280	-0,002	0,007	0,131	FALSE
-0,001	0,289	0,000	0,008	0,011	FALSE
-0,056	0,286	-0,002	0,012	0,055	FALSE
0,040	0,294	0,001	0,006	0,068	FALSE
-0,006	0,293	-0,001	0,010	0,031	FALSE
0,035	0,286	0,000	0,012	0,014	FALSE
0,010	0,293	0,000	0,007	0,005	FALSE
0,049	0,300	0,002	0,011	0,080	FALSE
0,060	0,283	0,001	0,006	0,047	FALSE
-0,129	0,304	-0,005	0,012	0,153	FALSE
0,036	0,298	0,002	0,007	0,082	FALSE
0,106	0,273	0,007	0,013	0,244	FALSE
-0,098	0,294	-0,002	0,007	0,093	FALSE
0,054	0,302	0,001	0,007	0,031	FALSE
0,099	0,291	0,003	0,009	0,125	FALSE
0,021	0,274	-0,002	0,008	0,107	FALSE
0,157	0,296	0,004	0,009	0,179	FALSE
0,000	0,286	0,000	0,008	0,022	FALSE
0,112	0,301	0,006	0,013	0,174	FALSE

0,099	0,290	0,005	0,013	0,171	FALSE
0,131	0,290	0,003	0,006	0,157	FALSE
-0,067	0,290	-0,004	0,012	0,134	FALSE
0,001	0,298	-0,002	0,012	0,049	FALSE
-0,103	0,301	-0,004	0,012	0,131	FALSE
0,092	0,286	0,006	0,013	0,191	FALSE
-0,062	0,279	0,000	0,010	0,006	FALSE
0,140	0,297	0,006	0,013	0,193	FALSE
0,093	0,289	0,003	0,010	0,111	FALSE
0,058	0,290	0,002	0,009	0,098	FALSE
0,010	0,287	-0,001	0,013	0,040	FALSE
-0,046	0,280	0,000	0,008	0,008	FALSE
-0,039	0,297	-0,002	0,007	0,087	FALSE
-0,085	0,269	-0,005	0,010	0,245	FALSE
0,020	0,279	0,004	0,013	0,126	FALSE
0,027	0,286	-0,002	0,012	0,053	FALSE
-0,120	0,282	-0,002	0,008	0,088	FALSE
0,039	0,288	0,001	0,010	0,020	FALSE
-0,223	0,284	-0,011	0,012	0,412	FALSE
0,135	0,303	0,004	0,009	0,170	FALSE
0,076	0,283	0,003	0,009	0,122	FALSE
0,013	0,274	0,000	0,011	0,009	FALSE
0,009	0,270	-0,001	0,012	0,030	FALSE
0,099	0,293	0,002	0,009	0,080	FALSE
0,086	0,287	0,000	0,008	0,001	FALSE
0,145	0,293	0,007	0,013	0,243	FALSE
-0,006	0,295	0,000	0,007	0,001	FALSE
0,075	0,292	0,002	0,009	0,084	FALSE
0,007	0,296	0,000	0,012	0,014	FALSE
0,101	0,289	0,007	0,013	0,227	FALSE
-0,047	0,275	-0,001	0,007	0,074	FALSE
0,177	0,280	0,005	0,009	0,208	FALSE
0,154	0,274	0,004	0,008	0,222	FALSE
0,195	0,284	0,006	0,009	0,282	FALSE
-0,076	0,281	-0,002	0,007	0,083	FALSE
0,013	0,295	0,001	0,010	0,048	FALSE
0,202	0,277	0,007	0,011	0,285	FALSE
0,011	0,302	0,001	0,012	0,024	FALSE
0,013	0,312	0,001	0,012	0,024	FALSE
0,144	0,281	0,003	0,008	0,144	FALSE
-0,047	0,299	0,000	0,007	0,008	FALSE
0,112	0,281	0,003	0,008	0,173	FALSE
-0,008	0,297	0,000	0,008	0,013	FALSE
0,006	0,285	0,000	0,009	0,011	FALSE
-0,088	0,287	-0,001	0,006	0,085	FALSE
-0,111	0,290	-0,003	0,008	0,117	FALSE
0,246	0,281	0,009	0,011	0,402	FALSE
0,021	0,304	-0,001	0,009	0,036	FALSE
-0,065	0,301	-0,002	0,007	0,084	FALSE
0,056	0,287	0,002	0,008	0,097	FALSE
0,061	0,294	0,002	0,008	0,102	FALSE
-0,096	0,273	-0,003	0,009	0,109	FALSE
-0,070	0,303	-0,003	0,013	0,090	FALSE

-0,163	0,289	-0,004	0,008	0,247	FALSE
0,092	0,283	0,003	0,006	0,169	FALSE
0,037	0,279	0,000	0,010	0,015	FALSE
0,099	0,289	0,001	0,007	0,045	FALSE
0,046	0,296	0,002	0,012	0,066	FALSE
0,191	0,270	0,006	0,008	0,348	FALSE
0,204	0,293	0,007	0,009	0,364	FALSE
-0,102	0,280	-0,004	0,013	0,118	FALSE
-0,113	0,293	-0,004	0,013	0,129	FALSE
-0,117	0,293	-0,004	0,014	0,126	FALSE
0,011	0,294	-0,001	0,007	0,028	FALSE
-0,108	0,277	-0,004	0,012	0,128	FALSE
-0,332	0,247	-0,009	0,009	0,506	FALSE
-0,151	0,283	-0,006	0,012	0,208	FALSE
0,087	0,292	0,004	0,011	0,156	FALSE
-0,067	0,276	-0,003	0,008	0,147	FALSE
-0,157	0,283	-0,004	0,007	0,243	FALSE
-0,089	0,306	-0,002	0,007	0,128	FALSE
0,091	0,294	0,003	0,009	0,138	FALSE
0,030	0,297	0,001	0,011	0,020	FALSE
-0,037	0,290	-0,002	0,012	0,073	FALSE
0,018	0,298	-0,001	0,012	0,022	FALSE
0,049	0,296	0,001	0,012	0,039	FALSE
0,061	0,295	0,002	0,013	0,066	FALSE
0,075	0,309	0,001	0,007	0,048	FALSE
0,037	0,287	0,001	0,013	0,040	FALSE
-0,120	0,283	-0,005	0,013	0,168	FALSE
-0,069	0,283	-0,002	0,011	0,085	FALSE
-0,107	0,284	-0,004	0,010	0,177	FALSE
-0,013	0,308	-0,001	0,011	0,034	FALSE
0,097	0,286	0,001	0,007	0,060	FALSE
-0,152	0,293	-0,004	0,009	0,185	FALSE
0,106	0,288	0,006	0,013	0,201	FALSE
0,101	0,286	0,005	0,013	0,177	FALSE
0,008	0,286	0,001	0,008	0,032	FALSE
-0,019	0,275	-0,003	0,012	0,088	FALSE
-0,040	0,282	0,000	0,008	0,004	FALSE
0,086	0,290	0,002	0,007	0,100	FALSE
-0,043	0,276	0,001	0,011	0,026	FALSE
0,060	0,302	0,002	0,013	0,053	FALSE
-0,010	0,286	0,000	0,010	0,013	FALSE
0,101	0,269	0,003	0,010	0,127	FALSE
0,014	0,291	0,000	0,008	0,015	FALSE
-0,045	0,296	-0,002	0,012	0,050	FALSE
-0,132	0,296	-0,005	0,013	0,134	FALSE
0,076	0,294	0,003	0,011	0,110	FALSE
0,119	0,294	0,002	0,008	0,116	FALSE
0,039	0,297	0,001	0,011	0,032	FALSE
-0,043	0,293	0,000	0,008	0,007	FALSE
0,075	0,293	0,003	0,013	0,091	FALSE
0,061	0,287	0,002	0,013	0,065	FALSE
0,049	0,296	0,001	0,007	0,039	FALSE
-0,022	0,293	-0,001	0,008	0,024	FALSE

0,159	0,278	0,006	0,013	0,197	FALSE
-0,088	0,283	-0,003	0,010	0,140	FALSE
-0,017	0,297	-0,001	0,008	0,048	FALSE
0,004	0,279	0,001	0,007	0,035	FALSE
0,024	0,284	0,002	0,008	0,087	FALSE
0,017	0,292	0,001	0,007	0,037	FALSE
-0,083	0,293	-0,002	0,007	0,131	FALSE
-0,011	0,283	0,001	0,009	0,028	FALSE
-0,015	0,299	-0,002	0,013	0,047	FALSE
0,057	0,285	0,000	0,008	0,007	FALSE
0,060	0,278	0,000	0,008	0,014	FALSE
0,032	0,283	-0,001	0,008	0,029	FALSE
0,035	0,288	0,000	0,008	0,014	FALSE
0,087	0,277	0,001	0,008	0,039	FALSE
0,092	0,288	0,002	0,008	0,110	FALSE
0,036	0,289	0,000	0,011	0,013	FALSE
0,008	0,288	0,000	0,009	0,015	FALSE
-0,017	0,278	0,000	0,007	0,024	FALSE
-0,029	0,297	-0,001	0,007	0,037	FALSE
-0,006	0,303	0,000	0,008	0,007	FALSE
0,134	0,286	0,006	0,012	0,206	FALSE
-0,103	0,288	-0,003	0,009	0,111	FALSE
-0,153	0,283	-0,003	0,009	0,140	FALSE
-0,156	0,281	-0,003	0,010	0,116	FALSE
0,185	0,302	0,003	0,007	0,182	FALSE
-0,178	0,280	-0,004	0,010	0,135	FALSE
0,111	0,293	0,002	0,010	0,061	FALSE
-0,087	0,289	-0,004	0,012	0,110	FALSE
0,092	0,286	0,002	0,009	0,061	FALSE
0,106	0,286	0,002	0,010	0,081	FALSE
0,095	0,290	0,002	0,010	0,072	FALSE
0,014	0,293	-0,001	0,010	0,027	FALSE
0,047	0,291	0,000	0,010	0,014	FALSE
0,015	0,286	-0,001	0,010	0,044	FALSE
-0,108	0,293	-0,002	0,007	0,135	FALSE
0,130	0,287	0,004	0,009	0,181	FALSE
-0,041	0,295	0,000	0,012	0,012	FALSE
0,111	0,281	0,003	0,006	0,197	FALSE
0,066	0,288	0,003	0,008	0,149	FALSE
-0,166	0,289	-0,002	0,006	0,166	FALSE
0,080	0,285	0,001	0,008	0,044	FALSE
-0,086	0,288	-0,002	0,009	0,100	FALSE
-0,124	0,297	-0,004	0,009	0,163	FALSE
-0,035	0,286	-0,001	0,007	0,033	FALSE
-0,004	0,304	0,001	0,007	0,027	FALSE
0,097	0,290	0,002	0,013	0,053	FALSE
-0,020	0,288	-0,003	0,012	0,079	FALSE
-0,036	0,284	-0,001	0,007	0,043	FALSE
-0,037	0,310	-0,003	0,014	0,079	FALSE
-0,011	0,295	-0,002	0,013	0,045	FALSE
0,001	0,286	-0,001	0,012	0,043	FALSE
-0,069	0,285	-0,002	0,007	0,099	FALSE
0,009	0,308	0,001	0,010	0,034	FALSE

-0,092	0,293	-0,002	0,007	0,113	FALSE
0,086	0,290	0,003	0,007	0,147	FALSE
0,129	0,287	0,001	0,006	0,091	FALSE
0,007	0,293	0,000	0,007	0,007	FALSE
0,050	0,301	0,002	0,013	0,058	FALSE
-0,005	0,287	0,000	0,009	0,011	FALSE
0,022	0,300	0,000	0,008	0,007	FALSE
0,114	0,284	0,002	0,007	0,129	FALSE
0,082	0,276	0,001	0,006	0,086	FALSE
0,116	0,289	0,004	0,008	0,181	FALSE
0,110	0,272	0,005	0,012	0,168	FALSE
-0,024	0,284	-0,003	0,012	0,098	FALSE
-0,039	0,297	-0,003	0,008	0,131	FALSE
-0,072	0,300	-0,004	0,009	0,163	FALSE
0,050	0,302	0,000	0,008	0,005	FALSE
-0,081	0,292	-0,004	0,009	0,190	FALSE
-0,097	0,290	-0,002	0,007	0,087	FALSE
-0,049	0,291	-0,002	0,010	0,065	FALSE
0,087	0,300	0,005	0,011	0,174	FALSE
0,037	0,282	0,004	0,013	0,116	FALSE
0,057	0,294	0,001	0,006	0,058	FALSE
-0,048	0,274	-0,005	0,013	0,162	FALSE
0,009	0,282	-0,001	0,006	0,085	FALSE
-0,001	0,290	0,000	0,008	0,003	FALSE
-0,122	0,288	-0,004	0,008	0,220	FALSE
0,130	0,286	0,004	0,007	0,205	FALSE
0,012	0,287	0,001	0,011	0,047	FALSE
0,087	0,287	0,002	0,010	0,067	FALSE
0,007	0,285	0,001	0,008	0,035	FALSE
0,116	0,288	0,004	0,008	0,185	FALSE
0,030	0,297	0,000	0,011	0,006	FALSE
0,079	0,280	0,002	0,012	0,076	FALSE
0,058	0,287	0,002	0,010	0,075	FALSE
0,051	0,274	0,001	0,012	0,039	FALSE
-0,142	0,292	-0,005	0,010	0,189	FALSE
-0,039	0,294	-0,002	0,010	0,055	FALSE
-0,018	0,280	-0,001	0,010	0,031	FALSE
0,012	0,300	0,001	0,009	0,026	FALSE
0,124	0,282	0,005	0,010	0,214	FALSE
-0,092	0,280	-0,004	0,009	0,182	FALSE
-0,038	0,287	-0,002	0,013	0,063	FALSE
0,038	0,296	0,002	0,011	0,083	FALSE
-0,056	0,293	0,000	0,007	0,019	FALSE
0,059	0,295	0,003	0,013	0,083	FALSE
-0,002	0,294	0,000	0,007	0,022	FALSE
0,082	0,311	0,004	0,013	0,106	FALSE
-0,066	0,281	-0,003	0,012	0,087	FALSE
0,066	0,310	0,002	0,011	0,076	FALSE
0,047	0,301	0,001	0,011	0,051	FALSE
0,082	0,297	0,001	0,012	0,042	FALSE
0,067	0,295	0,001	0,008	0,065	FALSE
0,043	0,296	0,001	0,007	0,076	FALSE
0,118	0,289	0,005	0,012	0,179	FALSE

0,098	0,294	0,005	0,013	0,165	FALSE
0,124	0,285	0,005	0,012	0,159	FALSE
0,155	0,305	0,006	0,012	0,188	FALSE
0,153	0,291	0,003	0,007	0,159	FALSE
0,078	0,290	0,001	0,007	0,077	FALSE
0,094	0,277	0,002	0,007	0,097	FALSE
0,040	0,303	0,000	0,007	0,001	FALSE
0,012	0,292	0,001	0,013	0,017	FALSE
0,065	0,292	0,001	0,012	0,033	FALSE
0,035	0,289	-0,001	0,010	0,035	FALSE
0,059	0,299	0,000	0,013	0,001	FALSE
-0,033	0,294	0,001	0,011	0,042	FALSE
-0,123	0,291	-0,003	0,007	0,170	FALSE
0,025	0,295	0,001	0,008	0,034	FALSE
-0,124	0,288	-0,005	0,010	0,198	FALSE
-0,007	0,291	0,000	0,008	0,014	FALSE
-0,040	0,284	-0,001	0,010	0,028	FALSE
0,147	0,285	0,003	0,006	0,163	FALSE
0,062	0,289	0,001	0,008	0,047	FALSE
0,192	0,295	0,004	0,007	0,229	FALSE
-0,191	0,287	-0,005	0,009	0,260	FALSE
-0,190	0,285	-0,005	0,009	0,269	FALSE
-0,019	0,298	0,000	0,007	0,011	FALSE
0,083	0,288	0,002	0,013	0,073	FALSE
-0,042	0,286	-0,002	0,008	0,077	FALSE
0,028	0,291	0,000	0,008	0,013	FALSE
-0,103	0,287	-0,003	0,012	0,089	FALSE
-0,104	0,286	-0,003	0,011	0,094	FALSE
0,011	0,294	-0,001	0,008	0,035	FALSE
-0,050	0,287	-0,003	0,012	0,078	FALSE
0,038	0,304	-0,001	0,008	0,028	FALSE
-0,009	0,288	0,001	0,009	0,045	FALSE
-0,080	0,306	-0,003	0,013	0,097	FALSE
-0,078	0,290	-0,001	0,008	0,064	FALSE
-0,143	0,272	-0,004	0,007	0,253	FALSE
-0,098	0,296	-0,003	0,012	0,110	FALSE
0,011	0,289	-0,001	0,011	0,020	FALSE
-0,020	0,277	-0,001	0,008	0,034	FALSE
-0,221	0,277	-0,004	0,007	0,285	FALSE
0,057	0,287	0,003	0,013	0,092	FALSE
-0,087	0,288	-0,004	0,013	0,130	FALSE
-0,061	0,286	-0,001	0,007	0,029	FALSE
0,100	0,293	0,003	0,009	0,126	FALSE
-0,040	0,273	0,000	0,007	0,004	FALSE
0,050	0,299	0,001	0,007	0,046	FALSE
-0,206	0,282	-0,004	0,007	0,264	FALSE
0,052	0,279	0,001	0,007	0,077	FALSE
-0,063	0,291	-0,001	0,013	0,020	FALSE
-0,079	0,294	-0,001	0,010	0,037	FALSE
-0,041	0,290	0,000	0,010	0,015	FALSE
0,091	0,275	0,000	0,010	0,016	FALSE
-0,098	0,297	-0,002	0,013	0,059	FALSE
-0,130	0,287	-0,004	0,012	0,125	FALSE

-0,122	0,292	-0,004	0,012	0,125	FALSE
-0,083	0,293	-0,002	0,012	0,049	FALSE
-0,164	0,289	-0,005	0,012	0,175	FALSE
0,058	0,287	0,002	0,008	0,076	FALSE
-0,134	0,292	-0,003	0,007	0,143	FALSE
0,027	0,296	0,000	0,008	0,005	FALSE
0,040	0,283	0,000	0,009	0,012	FALSE
-0,085	0,299	-0,003	0,006	0,160	FALSE
0,000	0,287	0,001	0,012	0,039	FALSE
-0,126	0,293	-0,006	0,013	0,195	FALSE
-0,008	0,285	0,002	0,011	0,068	FALSE
-0,008	0,280	-0,002	0,012	0,072	FALSE
-0,044	0,287	-0,004	0,013	0,125	FALSE
0,035	0,299	0,001	0,011	0,044	FALSE
0,013	0,288	0,001	0,010	0,024	FALSE
0,021	0,284	0,001	0,010	0,027	FALSE
0,058	0,274	0,000	0,013	0,010	FALSE
0,070	0,277	0,001	0,013	0,016	FALSE
0,079	0,277	0,001	0,012	0,031	FALSE
0,229	0,288	0,007	0,014	0,225	FALSE
0,160	0,294	0,004	0,010	0,160	FALSE
0,035	0,284	0,002	0,008	0,116	FALSE
0,012	0,300	0,002	0,008	0,067	FALSE
-0,018	0,277	0,000	0,006	0,025	FALSE
0,156	0,287	0,005	0,010	0,195	FALSE
-0,062	0,267	-0,003	0,011	0,116	FALSE
0,107	0,278	0,002	0,007	0,100	FALSE
-0,034	0,288	-0,002	0,008	0,100	FALSE
0,130	0,296	0,007	0,013	0,221	FALSE
0,140	0,268	0,008	0,011	0,311	FALSE
-0,033	0,286	-0,002	0,007	0,097	FALSE
0,055	0,289	0,004	0,013	0,138	FALSE
0,054	0,299	0,004	0,013	0,105	FALSE
0,022	0,297	0,001	0,008	0,059	FALSE
0,030	0,291	0,001	0,011	0,047	FALSE
-0,047	0,287	-0,002	0,010	0,069	FALSE
-0,037	0,300	-0,001	0,013	0,035	FALSE
0,018	0,278	0,001	0,008	0,034	FALSE
-0,054	0,287	0,000	0,007	0,020	FALSE
0,022	0,286	0,001	0,009	0,024	FALSE
0,002	0,294	0,002	0,013	0,054	FALSE
0,008	0,296	0,000	0,008	0,005	FALSE
0,067	0,297	0,001	0,007	0,049	FALSE
0,095	0,290	0,001	0,009	0,040	FALSE
-0,006	0,288	0,000	0,010	0,006	FALSE
0,025	0,299	0,002	0,011	0,065	FALSE
-0,032	0,274	0,000	0,008	0,005	FALSE
-0,100	0,288	-0,003	0,008	0,171	FALSE
0,164	0,282	0,009	0,013	0,322	FALSE
-0,009	0,309	0,000	0,010	0,011	FALSE
0,173	0,281	0,009	0,013	0,322	FALSE
0,165	0,287	0,005	0,011	0,193	FALSE
0,044	0,295	-0,001	0,009	0,040	FALSE

0,047	0,290	0,000	0,012	0,004	FALSE
0,078	0,294	0,001	0,011	0,035	FALSE
0,078	0,292	0,002	0,012	0,059	FALSE
-0,077	0,286	0,000	0,009	0,018	FALSE
0,039	0,283	0,000	0,008	0,003	FALSE
-0,096	0,294	-0,002	0,007	0,110	FALSE
0,049	0,293	0,004	0,013	0,126	FALSE
0,109	0,295	0,003	0,006	0,219	FALSE
0,109	0,278	0,003	0,012	0,103	FALSE
-0,148	0,277	-0,004	0,012	0,121	FALSE
0,023	0,300	0,000	0,010	0,009	FALSE
0,151	0,285	0,004	0,006	0,291	FALSE
-0,016	0,285	0,000	0,008	0,012	FALSE
-0,112	0,301	-0,004	0,009	0,163	FALSE
0,016	0,276	0,000	0,009	0,003	FALSE
-0,092	0,293	-0,001	0,007	0,057	FALSE
0,153	0,296	0,002	0,007	0,144	FALSE
0,161	0,297	0,002	0,007	0,126	FALSE
0,049	0,293	0,004	0,012	0,125	FALSE
0,076	0,300	0,005	0,012	0,172	FALSE
0,077	0,285	0,002	0,012	0,052	FALSE
-0,048	0,287	-0,001	0,012	0,015	FALSE
-0,023	0,271	0,000	0,009	0,012	FALSE
-0,042	0,284	0,000	0,011	0,005	FALSE
-0,035	0,294	0,000	0,012	0,008	FALSE
-0,072	0,290	-0,002	0,011	0,050	FALSE
-0,082	0,276	-0,002	0,011	0,052	FALSE
-0,003	0,293	-0,001	0,008	0,061	FALSE
0,012	0,283	-0,001	0,009	0,043	FALSE
-0,005	0,272	-0,001	0,008	0,055	FALSE
-0,058	0,278	-0,002	0,008	0,100	FALSE
-0,112	0,288	-0,004	0,012	0,143	FALSE
0,234	0,280	0,010	0,012	0,391	FALSE
-0,015	0,287	-0,001	0,006	0,034	FALSE
-0,117	0,295	-0,004	0,009	0,190	FALSE
-0,046	0,286	0,000	0,007	0,011	FALSE
0,042	0,290	0,000	0,007	0,017	FALSE
0,173	0,296	0,007	0,011	0,267	FALSE
0,064	0,292	0,003	0,013	0,078	FALSE
0,041	0,273	0,002	0,012	0,052	FALSE
-0,042	0,285	-0,002	0,009	0,067	FALSE
-0,016	0,282	0,001	0,012	0,016	FALSE
0,071	0,291	0,002	0,010	0,065	FALSE
-0,074	0,291	-0,004	0,012	0,119	FALSE
-0,032	0,283	-0,002	0,009	0,093	FALSE
-0,018	0,283	0,000	0,007	0,021	FALSE
0,002	0,301	0,000	0,008	0,019	FALSE
-0,043	0,292	-0,001	0,007	0,073	FALSE
-0,084	0,281	-0,002	0,007	0,102	FALSE
-0,064	0,287	-0,002	0,009	0,074	FALSE
-0,195	0,276	-0,006	0,009	0,302	FALSE
0,039	0,285	0,000	0,007	0,017	FALSE
-0,007	0,291	0,000	0,008	0,002	FALSE

-0,107	0,288	-0,002	0,008	0,108	FALSE
0,147	0,280	0,006	0,009	0,315	FALSE
-0,029	0,284	-0,001	0,012	0,023	FALSE
0,169	0,287	0,004	0,007	0,256	FALSE
-0,098	0,291	-0,002	0,009	0,097	FALSE
-0,242	0,264	-0,007	0,010	0,309	FALSE
-0,242	0,272	-0,006	0,010	0,279	FALSE
-0,202	0,278	-0,005	0,009	0,222	FALSE
0,023	0,296	0,000	0,007	0,015	FALSE
-0,087	0,269	-0,004	0,011	0,139	FALSE
-0,118	0,274	-0,006	0,012	0,199	FALSE
-0,097	0,285	-0,005	0,013	0,174	FALSE
-0,060	0,279	-0,003	0,008	0,123	FALSE
-0,095	0,279	-0,003	0,008	0,172	FALSE
-0,142	0,293	-0,005	0,010	0,192	FALSE
-0,089	0,282	-0,002	0,008	0,088	FALSE
-0,084	0,306	-0,004	0,010	0,139	FALSE
-0,171	0,285	-0,007	0,011	0,299	FALSE
-0,124	0,287	-0,003	0,007	0,188	FALSE
-0,127	0,288	-0,007	0,011	0,270	FALSE
-0,146	0,293	-0,005	0,010	0,246	FALSE
-0,150	0,291	-0,005	0,012	0,171	FALSE
0,033	0,287	0,001	0,010	0,022	FALSE
-0,197	0,281	-0,004	0,006	0,316	FALSE
-0,212	0,279	-0,007	0,013	0,221	FALSE
-0,019	0,275	0,001	0,012	0,030	FALSE
-0,055	0,294	-0,001	0,008	0,038	FALSE
0,120	0,298	0,006	0,013	0,180	FALSE
0,069	0,285	0,001	0,007	0,063	FALSE
-0,101	0,295	-0,002	0,012	0,063	FALSE
0,109	0,282	0,003	0,012	0,097	FALSE
0,123	0,290	0,005	0,012	0,189	FALSE
-0,017	0,297	-0,001	0,010	0,032	FALSE
-0,193	0,280	-0,004	0,007	0,237	FALSE
-0,124	0,287	-0,002	0,006	0,161	FALSE
-0,051	0,264	0,000	0,009	0,020	FALSE
0,028	0,286	0,000	0,013	0,005	FALSE
0,138	0,291	0,002	0,009	0,108	FALSE
0,024	0,303	0,000	0,013	0,013	FALSE
0,030	0,286	0,000	0,006	0,003	FALSE
-0,101	0,279	-0,001	0,007	0,062	FALSE
-0,072	0,299	-0,003	0,012	0,098	FALSE
0,035	0,299	0,001	0,008	0,061	FALSE
0,116	0,290	0,006	0,013	0,210	FALSE
0,019	0,286	0,000	0,007	0,003	FALSE
0,004	0,288	0,001	0,011	0,021	FALSE
0,009	0,284	0,000	0,009	0,003	FALSE
-0,025	0,293	-0,001	0,008	0,032	FALSE
-0,072	0,275	-0,003	0,012	0,091	FALSE
-0,114	0,270	-0,002	0,007	0,135	FALSE
0,137	0,285	0,004	0,011	0,124	FALSE
-0,020	0,289	0,000	0,007	0,012	FALSE
-0,005	0,296	0,001	0,008	0,033	FALSE

-0,119	0,290	-0,003	0,009	0,119	FALSE
0,012	0,299	-0,001	0,007	0,038	FALSE
0,046	0,300	0,001	0,008	0,067	FALSE
0,008	0,284	0,000	0,008	0,019	FALSE
0,001	0,289	0,000	0,008	0,018	FALSE
-0,026	0,298	0,000	0,008	0,008	FALSE
-0,025	0,299	-0,001	0,011	0,028	FALSE
0,019	0,289	0,001	0,007	0,037	FALSE
0,052	0,282	0,003	0,012	0,081	FALSE
-0,084	0,282	-0,003	0,008	0,128	FALSE
0,041	0,298	0,001	0,011	0,034	FALSE
0,057	0,287	0,002	0,008	0,112	FALSE
-0,174	0,287	-0,004	0,007	0,270	FALSE
-0,095	0,288	-0,003	0,013	0,081	FALSE
0,044	0,288	0,000	0,007	0,009	FALSE
0,053	0,280	0,002	0,008	0,112	FALSE
0,042	0,302	0,001	0,013	0,022	FALSE
-0,058	0,293	-0,001	0,013	0,032	FALSE
-0,097	0,276	-0,004	0,010	0,172	FALSE
-0,022	0,277	-0,001	0,011	0,031	FALSE
-0,046	0,300	-0,002	0,011	0,083	FALSE
0,050	0,298	0,001	0,009	0,023	FALSE
-0,165	0,286	-0,006	0,010	0,262	FALSE
0,027	0,300	0,001	0,009	0,051	FALSE
0,000	0,305	-0,001	0,009	0,035	FALSE
0,024	0,297	0,001	0,007	0,028	FALSE
-0,143	0,282	-0,004	0,008	0,243	FALSE
0,013	0,284	0,000	0,007	0,014	FALSE
0,018	0,279	0,000	0,007	0,009	FALSE
-0,033	0,283	0,000	0,008	0,008	FALSE
0,129	0,278	0,002	0,009	0,111	FALSE
0,028	0,302	0,001	0,013	0,026	FALSE
0,208	0,289	0,005	0,007	0,280	FALSE
-0,080	0,279	-0,002	0,010	0,090	FALSE
-0,098	0,294	-0,004	0,013	0,117	FALSE
-0,102	0,290	-0,001	0,010	0,049	FALSE
-0,110	0,286	-0,002	0,010	0,060	FALSE
-0,097	0,297	-0,001	0,010	0,038	FALSE
0,149	0,295	0,004	0,009	0,178	FALSE
-0,102	0,301	-0,002	0,007	0,112	FALSE
0,178	0,297	0,005	0,008	0,259	FALSE
-0,105	0,292	-0,004	0,010	0,160	FALSE
-0,038	0,287	-0,001	0,007	0,076	FALSE
-0,018	0,290	0,001	0,010	0,050	FALSE
-0,086	0,287	-0,001	0,008	0,030	FALSE
0,080	0,291	0,001	0,007	0,072	FALSE
-0,026	0,291	0,000	0,010	0,010	FALSE
-0,031	0,291	0,000	0,009	0,002	FALSE
-0,014	0,302	0,000	0,010	0,000	FALSE
-0,036	0,292	-0,001	0,010	0,037	FALSE
-0,024	0,298	0,000	0,009	0,012	FALSE
-0,032	0,296	-0,001	0,011	0,025	FALSE
-0,043	0,288	-0,001	0,009	0,056	FALSE

-0,086	0,297	-0,003	0,008	0,146	FALSE
-0,027	0,290	-0,001	0,008	0,063	FALSE
0,017	0,282	0,000	0,006	0,019	FALSE
-0,063	0,300	-0,002	0,011	0,074	FALSE
-0,066	0,295	-0,002	0,009	0,092	FALSE
0,081	0,287	0,003	0,011	0,114	FALSE
-0,008	0,285	-0,001	0,007	0,039	FALSE
0,038	0,298	0,001	0,010	0,025	FALSE
-0,005	0,277	0,000	0,009	0,005	FALSE
-0,029	0,289	-0,001	0,007	0,079	FALSE
0,110	0,288	0,002	0,012	0,067	FALSE
-0,058	0,287	-0,001	0,008	0,048	FALSE
-0,009	0,296	0,000	0,012	0,011	FALSE
-0,133	0,274	-0,006	0,012	0,211	FALSE
-0,006	0,283	0,000	0,006	0,028	FALSE
0,035	0,294	0,002	0,006	0,118	FALSE
0,047	0,296	0,002	0,007	0,119	FALSE
0,038	0,287	0,001	0,009	0,039	FALSE
-0,132	0,283	-0,008	0,012	0,313	FALSE
0,015	0,283	0,000	0,008	0,003	FALSE
-0,069	0,302	-0,001	0,010	0,053	FALSE
-0,059	0,297	-0,002	0,010	0,058	FALSE
-0,220	0,277	-0,008	0,010	0,380	FALSE
-0,075	0,302	-0,001	0,010	0,044	FALSE
-0,224	0,272	-0,009	0,010	0,400	FALSE
-0,214	0,282	-0,009	0,011	0,367	FALSE
-0,183	0,282	-0,007	0,011	0,294	FALSE
0,005	0,297	0,002	0,009	0,076	FALSE
0,121	0,288	0,003	0,007	0,180	FALSE
-0,040	0,286	0,001	0,009	0,021	FALSE
0,028	0,293	0,001	0,009	0,020	FALSE
-0,062	0,279	-0,003	0,012	0,080	FALSE
-0,099	0,284	-0,002	0,007	0,091	FALSE
0,010	0,295	0,000	0,008	0,000	FALSE
-0,001	0,291	0,000	0,008	0,007	FALSE
0,146	0,292	0,004	0,009	0,161	FALSE
0,058	0,284	0,001	0,010	0,033	FALSE
0,069	0,280	0,002	0,010	0,068	FALSE
0,082	0,297	0,002	0,010	0,071	FALSE
0,000	0,297	0,001	0,009	0,022	FALSE
-0,170	0,286	-0,003	0,006	0,173	FALSE
-0,018	0,292	-0,002	0,013	0,050	FALSE
0,142	0,295	0,002	0,009	0,092	FALSE
0,093	0,296	0,002	0,007	0,096	FALSE
-0,071	0,282	-0,001	0,010	0,054	FALSE
0,035	0,277	0,000	0,010	0,018	FALSE
-0,110	0,290	-0,003	0,008	0,169	FALSE
-0,130	0,288	-0,004	0,008	0,193	FALSE
-0,110	0,302	-0,003	0,008	0,165	FALSE
0,032	0,293	-0,001	0,008	0,050	FALSE
-0,138	0,291	-0,004	0,008	0,198	FALSE
-0,001	0,285	-0,001	0,008	0,047	FALSE
0,034	0,292	0,000	0,007	0,005	FALSE

0,043	0,300	0,002	0,012	0,046	FALSE
0,090	0,294	0,004	0,012	0,124	FALSE
0,124	0,294	0,003	0,009	0,135	FALSE
-0,168	0,285	-0,007	0,013	0,228	FALSE
0,109	0,284	0,005	0,012	0,161	FALSE
0,113	0,298	0,005	0,012	0,166	FALSE
-0,153	0,275	-0,004	0,011	0,149	FALSE
-0,091	0,276	-0,003	0,007	0,149	FALSE
0,035	0,287	0,000	0,009	0,006	FALSE
-0,084	0,285	-0,003	0,012	0,083	FALSE
0,001	0,278	-0,001	0,007	0,069	FALSE
0,054	0,289	0,002	0,006	0,116	FALSE
0,116	0,306	0,005	0,013	0,167	FALSE
0,105	0,287	0,005	0,013	0,152	FALSE
0,136	0,288	0,003	0,007	0,158	FALSE
-0,041	0,301	-0,001	0,007	0,048	FALSE
0,043	0,288	0,002	0,014	0,069	FALSE
-0,059	0,289	-0,001	0,006	0,059	FALSE
-0,055	0,304	-0,001	0,007	0,045	FALSE
0,042	0,291	0,001	0,007	0,056	FALSE
0,158	0,268	0,005	0,007	0,324	FALSE
0,127	0,285	0,002	0,013	0,050	FALSE
-0,107	0,276	-0,001	0,007	0,061	FALSE
-0,007	0,279	0,000	0,007	0,013	FALSE
0,016	0,292	0,001	0,008	0,045	FALSE
-0,013	0,295	0,000	0,008	0,012	FALSE
-0,108	0,294	-0,005	0,013	0,147	FALSE
-0,146	0,285	-0,007	0,013	0,229	FALSE
-0,019	0,295	-0,001	0,009	0,022	FALSE
-0,121	0,287	-0,006	0,013	0,208	FALSE
-0,031	0,291	-0,001	0,008	0,047	FALSE
0,087	0,280	0,006	0,012	0,204	FALSE
-0,064	0,294	-0,002	0,009	0,088	FALSE
0,023	0,281	0,003	0,012	0,095	FALSE
0,052	0,287	0,004	0,012	0,137	FALSE
0,037	0,292	0,003	0,013	0,088	FALSE
-0,012	0,280	0,001	0,008	0,022	FALSE
-0,014	0,304	-0,001	0,007	0,072	FALSE
0,054	0,288	0,001	0,007	0,031	FALSE
0,064	0,287	0,004	0,012	0,113	FALSE
-0,058	0,293	-0,002	0,010	0,063	FALSE
0,008	0,296	0,000	0,008	0,006	FALSE
0,013	0,295	-0,001	0,010	0,018	FALSE
-0,085	0,291	-0,005	0,012	0,156	FALSE
0,022	0,290	0,002	0,012	0,065	FALSE
0,014	0,277	-0,002	0,008	0,094	FALSE
0,065	0,289	0,003	0,008	0,144	FALSE
0,019	0,288	-0,001	0,007	0,035	FALSE
-0,079	0,296	-0,002	0,010	0,091	FALSE
-0,092	0,291	-0,002	0,009	0,080	FALSE
-0,113	0,284	-0,002	0,008	0,117	FALSE
0,017	0,294	0,000	0,013	0,011	FALSE
-0,061	0,280	0,000	0,008	0,022	FALSE

-0,078	0,281	-0,004	0,013	0,140	FALSE
-0,015	0,302	0,001	0,011	0,027	FALSE
-0,109	0,297	-0,001	0,008	0,061	FALSE
0,026	0,294	0,000	0,007	0,014	FALSE
0,047	0,285	0,000	0,013	0,007	FALSE
0,043	0,297	0,000	0,008	0,002	FALSE
-0,059	0,297	-0,003	0,012	0,108	FALSE
0,085	0,293	0,002	0,007	0,101	FALSE
-0,076	0,297	-0,001	0,009	0,050	FALSE
0,033	0,291	0,000	0,009	0,004	FALSE
0,084	0,278	0,003	0,008	0,136	FALSE
0,018	0,282	0,002	0,011	0,073	FALSE
-0,069	0,279	-0,002	0,008	0,096	FALSE
-0,003	0,289	0,001	0,011	0,028	FALSE
0,001	0,284	0,001	0,011	0,025	FALSE
-0,060	0,293	-0,001	0,009	0,037	FALSE
-0,015	0,289	-0,001	0,010	0,035	FALSE
-0,093	0,297	-0,002	0,007	0,108	FALSE
0,103	0,288	0,003	0,007	0,173	FALSE
0,177	0,295	0,004	0,006	0,285	FALSE
0,004	0,292	-0,003	0,013	0,090	FALSE
0,044	0,270	0,001	0,009	0,031	FALSE
0,129	0,286	0,006	0,009	0,268	FALSE
0,051	0,292	0,002	0,011	0,067	FALSE
0,176	0,281	0,005	0,012	0,172	FALSE
0,123	0,291	0,003	0,007	0,199	FALSE
0,011	0,290	0,001	0,007	0,054	FALSE
0,055	0,284	0,001	0,007	0,073	FALSE
0,036	0,296	0,001	0,012	0,037	FALSE
0,110	0,279	0,003	0,008	0,127	FALSE
0,029	0,288	0,000	0,007	0,016	FALSE
0,024	0,299	0,000	0,012	0,013	FALSE
-0,034	0,293	-0,002	0,009	0,067	FALSE
-0,181	0,288	-0,003	0,006	0,186	FALSE
-0,058	0,284	-0,003	0,009	0,116	FALSE
-0,104	0,289	-0,003	0,009	0,127	FALSE
-0,030	0,275	-0,002	0,011	0,073	FALSE
-0,060	0,286	-0,001	0,009	0,048	FALSE
0,081	0,293	0,002	0,010	0,091	FALSE
0,116	0,301	0,005	0,013	0,162	FALSE
0,073	0,294	0,002	0,007	0,091	FALSE
-0,003	0,306	-0,001	0,011	0,040	FALSE
-0,007	0,289	-0,001	0,008	0,060	FALSE
-0,010	0,289	0,002	0,012	0,053	FALSE
-0,101	0,284	-0,002	0,009	0,079	FALSE
-0,017	0,285	0,000	0,010	0,010	FALSE
-0,083	0,285	-0,002	0,007	0,088	FALSE
0,048	0,290	0,000	0,006	0,023	FALSE
0,086	0,292	0,002	0,008	0,107	FALSE
-0,048	0,300	-0,005	0,013	0,144	FALSE
0,073	0,289	0,003	0,011	0,107	FALSE
0,038	0,297	0,001	0,010	0,045	FALSE
-0,105	0,286	-0,003	0,013	0,086	FALSE

0,063	0,281	0,001	0,013	0,025	FALSE
0,074	0,303	0,003	0,008	0,123	FALSE
0,027	0,295	0,000	0,011	0,004	FALSE
0,054	0,291	0,001	0,010	0,050	FALSE
0,101	0,296	0,003	0,013	0,096	FALSE
0,071	0,287	0,002	0,013	0,067	FALSE
0,083	0,300	0,002	0,011	0,083	FALSE
-0,078	0,290	-0,003	0,008	0,173	FALSE
-0,066	0,300	-0,002	0,008	0,112	FALSE
-0,004	0,283	0,001	0,011	0,038	FALSE
-0,147	0,306	-0,005	0,009	0,228	FALSE
-0,035	0,290	-0,001	0,010	0,024	FALSE
0,044	0,288	0,001	0,010	0,042	FALSE
-0,025	0,283	-0,001	0,013	0,019	FALSE
0,043	0,305	0,002	0,013	0,044	FALSE
0,123	0,281	0,003	0,007	0,145	FALSE
0,167	0,278	0,003	0,006	0,236	FALSE
0,073	0,289	-0,001	0,009	0,035	FALSE
0,197	0,278	0,007	0,012	0,229	FALSE
0,040	0,295	0,001	0,009	0,033	FALSE
-0,047	0,277	-0,004	0,012	0,130	FALSE
-0,005	0,278	0,002	0,010	0,077	FALSE
0,087	0,286	0,001	0,007	0,064	FALSE
-0,036	0,270	0,001	0,009	0,034	FALSE
0,102	0,295	0,004	0,011	0,153	FALSE
-0,084	0,285	-0,003	0,007	0,185	FALSE
0,012	0,275	0,005	0,013	0,170	FALSE
-0,131	0,288	-0,003	0,007	0,203	FALSE
0,035	0,287	0,002	0,007	0,100	FALSE
-0,048	0,299	-0,003	0,010	0,095	FALSE
-0,073	0,295	-0,004	0,010	0,153	FALSE
0,068	0,272	0,000	0,012	0,013	FALSE
-0,057	0,281	0,001	0,013	0,036	FALSE
0,058	0,293	0,002	0,008	0,085	FALSE
-0,001	0,269	-0,003	0,012	0,080	FALSE
0,036	0,287	0,001	0,009	0,025	FALSE
-0,047	0,292	-0,003	0,012	0,107	FALSE
-0,118	0,283	-0,006	0,010	0,247	FALSE
-0,103	0,290	-0,005	0,010	0,208	FALSE
-0,093	0,296	-0,003	0,013	0,094	FALSE
-0,112	0,279	-0,002	0,008	0,089	FALSE
-0,022	0,303	-0,001	0,007	0,041	FALSE
-0,061	0,301	-0,002	0,013	0,069	FALSE
-0,070	0,302	-0,002	0,009	0,082	FALSE
0,143	0,297	0,003	0,009	0,128	FALSE
0,137	0,286	0,003	0,009	0,139	FALSE
0,008	0,292	0,000	0,012	0,007	FALSE
-0,037	0,286	-0,001	0,007	0,037	FALSE
-0,042	0,287	-0,002	0,013	0,067	FALSE
-0,041	0,283	-0,002	0,010	0,087	FALSE
0,013	0,289	0,001	0,008	0,022	FALSE
0,110	0,270	0,002	0,006	0,146	FALSE
0,079	0,294	0,003	0,013	0,098	FALSE

-0,071	0,295	-0,003	0,013	0,079	FALSE
-0,047	0,287	0,000	0,012	0,011	FALSE
-0,074	0,296	-0,001	0,007	0,050	FALSE
-0,039	0,285	-0,001	0,010	0,034	FALSE
0,074	0,307	0,004	0,012	0,136	FALSE
-0,100	0,282	-0,001	0,011	0,040	FALSE
0,065	0,267	0,005	0,012	0,165	FALSE
-0,095	0,269	-0,001	0,008	0,059	FALSE
0,152	0,287	0,002	0,007	0,086	FALSE
-0,008	0,296	0,000	0,013	0,012	FALSE
0,172	0,276	0,002	0,006	0,118	FALSE
-0,092	0,295	-0,001	0,009	0,039	FALSE
-0,120	0,284	-0,004	0,007	0,211	FALSE
0,037	0,287	0,002	0,011	0,066	FALSE
0,024	0,280	-0,003	0,010	0,098	FALSE
0,086	0,274	0,001	0,009	0,027	FALSE
-0,082	0,271	-0,001	0,010	0,026	FALSE
-0,086	0,284	-0,003	0,007	0,167	FALSE
-0,044	0,282	0,000	0,009	0,011	FALSE
0,081	0,294	0,002	0,010	0,058	FALSE
0,105	0,301	0,003	0,007	0,151	FALSE
0,128	0,285	0,003	0,008	0,143	FALSE
0,147	0,293	0,004	0,008	0,175	FALSE
-0,189	0,270	-0,007	0,012	0,235	FALSE
-0,142	0,285	-0,003	0,010	0,140	FALSE
0,084	0,281	0,005	0,010	0,202	FALSE
0,143	0,290	0,006	0,011	0,239	FALSE
-0,007	0,297	0,000	0,012	0,013	FALSE
0,176	0,291	0,006	0,009	0,275	FALSE
-0,054	0,283	0,000	0,008	0,019	FALSE
-0,034	0,290	-0,001	0,007	0,078	FALSE
-0,001	0,284	-0,001	0,008	0,057	FALSE
-0,018	0,296	-0,001	0,010	0,049	FALSE
-0,088	0,269	-0,005	0,009	0,214	FALSE
-0,046	0,284	-0,001	0,008	0,025	FALSE
0,139	0,276	0,005	0,012	0,167	FALSE
0,098	0,284	0,003	0,008	0,147	FALSE
-0,042	0,286	0,000	0,007	0,022	FALSE
-0,040	0,287	-0,001	0,007	0,025	FALSE
-0,010	0,281	0,000	0,007	0,021	FALSE
0,067	0,290	0,000	0,009	0,009	FALSE
0,054	0,297	0,003	0,010	0,101	FALSE
-0,107	0,299	-0,002	0,007	0,094	FALSE
0,078	0,290	0,002	0,008	0,076	FALSE
0,042	0,300	0,002	0,013	0,068	FALSE
0,041	0,296	0,001	0,007	0,071	FALSE
-0,015	0,285	0,002	0,009	0,087	FALSE
0,012	0,310	0,002	0,012	0,051	FALSE
0,006	0,299	0,002	0,012	0,052	FALSE
-0,111	0,292	-0,003	0,010	0,105	FALSE
-0,085	0,296	-0,003	0,013	0,093	FALSE
-0,077	0,296	-0,006	0,013	0,191	FALSE
-0,024	0,289	-0,004	0,013	0,141	FALSE

-0,010	0,290	0,001	0,012	0,036	FALSE
-0,036	0,296	-0,001	0,008	0,042	FALSE
-0,089	0,291	-0,002	0,012	0,059	FALSE
-0,167	0,294	-0,007	0,013	0,231	FALSE
0,003	0,279	0,000	0,012	0,007	FALSE
-0,239	0,273	-0,006	0,008	0,339	FALSE
-0,233	0,287	-0,005	0,008	0,296	FALSE
0,030	0,290	0,000	0,012	0,010	FALSE
-0,187	0,281	-0,004	0,008	0,218	FALSE
0,014	0,299	0,000	0,012	0,011	FALSE
0,019	0,292	0,000	0,012	0,013	FALSE
0,256	0,278	0,010	0,011	0,418	FALSE
0,089	0,284	0,001	0,008	0,068	FALSE
-0,020	0,276	0,000	0,012	0,010	FALSE
0,017	0,292	0,002	0,009	0,065	FALSE
-0,066	0,270	-0,002	0,012	0,065	FALSE
-0,144	0,301	-0,004	0,010	0,171	FALSE
-0,133	0,280	-0,006	0,012	0,190	FALSE
0,076	0,303	0,004	0,013	0,109	FALSE
0,014	0,304	0,001	0,009	0,034	FALSE
0,044	0,292	0,001	0,007	0,027	FALSE
0,028	0,305	0,000	0,006	0,006	FALSE
0,019	0,292	0,001	0,011	0,036	FALSE
0,027	0,294	0,001	0,008	0,031	FALSE
-0,050	0,291	-0,001	0,008	0,041	FALSE
0,059	0,306	0,003	0,011	0,096	FALSE
0,062	0,304	0,002	0,010	0,092	FALSE
0,068	0,276	-0,001	0,012	0,016	FALSE
-0,057	0,306	-0,001	0,007	0,038	FALSE
-0,117	0,296	-0,003	0,009	0,148	FALSE
-0,089	0,292	-0,003	0,011	0,096	FALSE
0,140	0,286	0,003	0,007	0,191	FALSE
0,033	0,285	0,003	0,011	0,105	FALSE
-0,050	0,285	-0,001	0,009	0,055	FALSE
0,148	0,275	0,004	0,007	0,230	FALSE
0,062	0,297	0,002	0,011	0,081	FALSE
-0,006	0,311	-0,001	0,013	0,021	FALSE
0,084	0,296	0,002	0,008	0,094	FALSE
-0,255	0,278	-0,006	0,009	0,290	FALSE
-0,051	0,292	-0,003	0,011	0,106	FALSE
-0,107	0,288	-0,006	0,011	0,239	FALSE
-0,092	0,283	-0,006	0,011	0,216	FALSE
0,033	0,295	0,001	0,007	0,056	FALSE
0,050	0,272	0,000	0,011	0,008	FALSE
-0,069	0,289	-0,003	0,011	0,100	FALSE
-0,147	0,272	-0,004	0,012	0,132	FALSE
-0,135	0,283	-0,002	0,009	0,094	FALSE
0,035	0,275	0,002	0,007	0,123	FALSE
-0,029	0,275	0,000	0,009	0,010	FALSE
-0,022	0,289	0,001	0,013	0,016	FALSE
0,108	0,300	0,002	0,006	0,096	FALSE
-0,127	0,276	-0,003	0,011	0,091	FALSE
-0,027	0,282	0,000	0,012	0,002	FALSE

0,108	0,289	0,004	0,008	0,191	FALSE
-0,119	0,301	-0,004	0,009	0,189	FALSE
-0,133	0,288	-0,005	0,012	0,190	FALSE
-0,065	0,280	-0,001	0,007	0,072	FALSE
-0,012	0,298	-0,001	0,010	0,021	FALSE
-0,029	0,312	-0,001	0,008	0,022	FALSE
0,091	0,295	0,002	0,008	0,105	FALSE
0,018	0,297	0,002	0,008	0,076	FALSE
-0,023	0,290	0,000	0,008	0,006	FALSE
-0,132	0,283	-0,004	0,013	0,109	FALSE
0,110	0,290	0,004	0,012	0,128	FALSE
-0,115	0,284	-0,003	0,007	0,161	FALSE
-0,044	0,309	0,000	0,010	0,012	FALSE
-0,005	0,289	0,000	0,007	0,010	FALSE
-0,069	0,288	-0,002	0,011	0,061	FALSE
-0,001	0,274	-0,001	0,011	0,022	FALSE
-0,031	0,288	-0,001	0,008	0,054	FALSE
-0,041	0,283	-0,002	0,008	0,080	FALSE
-0,012	0,290	-0,002	0,010	0,096	FALSE
0,052	0,289	0,002	0,013	0,057	FALSE
-0,017	0,294	-0,002	0,009	0,071	FALSE
-0,022	0,293	-0,002	0,011	0,068	FALSE
-0,138	0,290	-0,004	0,007	0,213	FALSE
0,017	0,292	0,001	0,007	0,050	FALSE
-0,072	0,292	-0,003	0,010	0,107	FALSE
-0,080	0,274	-0,001	0,008	0,037	FALSE
-0,148	0,282	-0,006	0,011	0,231	FALSE
-0,032	0,292	0,000	0,006	0,027	FALSE
-0,009	0,294	-0,001	0,012	0,015	FALSE
0,043	0,297	0,002	0,010	0,062	FALSE
0,056	0,312	0,001	0,008	0,037	FALSE
0,016	0,291	0,001	0,010	0,038	FALSE
0,040	0,284	0,000	0,010	0,015	FALSE
0,025	0,293	0,001	0,010	0,026	FALSE
-0,051	0,282	-0,001	0,007	0,057	FALSE
-0,018	0,284	-0,002	0,007	0,083	FALSE
-0,014	0,293	-0,001	0,009	0,031	FALSE
-0,081	0,314	-0,002	0,011	0,082	FALSE
0,260	0,281	0,006	0,008	0,362	FALSE
0,012	0,277	0,002	0,010	0,081	FALSE
-0,089	0,278	-0,004	0,009	0,185	FALSE
-0,003	0,286	-0,002	0,012	0,055	FALSE
0,015	0,308	0,001	0,012	0,027	FALSE
0,004	0,291	-0,001	0,010	0,035	FALSE
0,014	0,290	0,000	0,012	0,001	FALSE
-0,130	0,280	-0,003	0,007	0,178	FALSE
-0,030	0,284	-0,002	0,010	0,064	FALSE
0,001	0,280	0,001	0,009	0,022	FALSE
-0,105	0,289	-0,003	0,009	0,122	FALSE
0,000	0,294	-0,002	0,011	0,059	FALSE
-0,095	0,292	-0,002	0,007	0,087	FALSE
-0,109	0,291	-0,002	0,007	0,116	FALSE
0,080	0,280	0,004	0,013	0,118	FALSE

-0,094	0,276	-0,005	0,012	0,157	FALSE
0,103	0,284	0,003	0,007	0,143	FALSE
-0,009	0,285	-0,001	0,012	0,042	FALSE
0,015	0,288	0,001	0,007	0,031	FALSE
-0,121	0,290	-0,005	0,010	0,204	FALSE
-0,113	0,281	-0,003	0,009	0,143	FALSE
0,099	0,286	0,003	0,008	0,119	FALSE
-0,109	0,287	-0,003	0,009	0,134	FALSE
-0,012	0,300	0,002	0,012	0,054	FALSE
-0,037	0,291	-0,002	0,007	0,123	FALSE
-0,038	0,278	0,000	0,007	0,011	FALSE
0,056	0,298	0,002	0,012	0,051	FALSE
-0,037	0,301	0,000	0,013	0,005	FALSE
0,103	0,282	0,003	0,006	0,205	FALSE
-0,106	0,275	-0,003	0,009	0,106	FALSE
-0,024	0,290	-0,002	0,007	0,092	FALSE
-0,064	0,296	-0,003	0,012	0,093	FALSE
-0,049	0,300	-0,001	0,007	0,054	FALSE
0,043	0,289	0,002	0,007	0,103	FALSE
-0,017	0,299	-0,001	0,011	0,033	FALSE
0,118	0,290	0,004	0,008	0,215	FALSE
-0,035	0,292	-0,001	0,013	0,014	FALSE
0,124	0,296	0,003	0,007	0,204	FALSE
-0,060	0,268	-0,005	0,013	0,153	FALSE
-0,009	0,292	-0,001	0,012	0,035	FALSE
0,066	0,271	0,003	0,007	0,210	FALSE
-0,010	0,288	0,001	0,010	0,046	FALSE
-0,010	0,288	0,000	0,009	0,005	FALSE
-0,100	0,274	-0,006	0,013	0,210	FALSE
-0,147	0,281	-0,003	0,008	0,160	FALSE
-0,185	0,275	-0,006	0,011	0,227	FALSE
-0,021	0,296	0,000	0,009	0,015	FALSE
-0,051	0,279	-0,001	0,009	0,032	FALSE
-0,067	0,283	-0,002	0,007	0,107	FALSE
-0,063	0,287	-0,001	0,008	0,026	FALSE
-0,013	0,290	-0,001	0,012	0,042	FALSE
-0,063	0,279	-0,003	0,008	0,123	FALSE
0,090	0,286	0,003	0,010	0,105	FALSE
0,025	0,283	0,001	0,008	0,064	FALSE
0,157	0,279	0,007	0,012	0,245	FALSE
0,085	0,276	0,002	0,007	0,093	FALSE
0,030	0,286	0,002	0,012	0,057	FALSE
-0,011	0,275	0,000	0,008	0,005	FALSE
0,107	0,278	0,003	0,008	0,167	FALSE
-0,092	0,288	-0,002	0,009	0,077	FALSE
-0,006	0,282	-0,001	0,007	0,062	FALSE
-0,003	0,289	-0,001	0,007	0,070	FALSE
-0,010	0,277	-0,002	0,007	0,085	FALSE
-0,046	0,273	-0,003	0,009	0,144	FALSE
-0,206	0,275	-0,005	0,009	0,262	FALSE
-0,242	0,282	-0,007	0,009	0,363	FALSE
-0,173	0,291	-0,007	0,013	0,222	FALSE
-0,006	0,294	-0,001	0,008	0,070	FALSE

-0,086	0,298	-0,002	0,007	0,089	FALSE
0,103	0,288	0,001	0,010	0,054	FALSE
-0,006	0,294	-0,001	0,007	0,040	FALSE
-0,067	0,298	-0,002	0,011	0,078	FALSE
-0,069	0,286	-0,004	0,012	0,128	FALSE
0,212	0,287	0,006	0,010	0,257	FALSE
0,097	0,279	0,002	0,006	0,151	FALSE
0,022	0,295	0,002	0,012	0,063	FALSE
0,172	0,290	0,006	0,010	0,264	FALSE
0,146	0,296	0,005	0,010	0,219	FALSE
-0,153	0,285	-0,004	0,008	0,225	FALSE
-0,051	0,297	-0,003	0,011	0,096	FALSE
0,228	0,274	0,008	0,013	0,257	FALSE
-0,038	0,293	0,000	0,013	0,005	FALSE
0,004	0,301	-0,001	0,009	0,053	FALSE
-0,034	0,284	-0,002	0,007	0,106	FALSE
-0,050	0,287	0,000	0,006	0,000	FALSE
0,243	0,288	0,005	0,007	0,318	FALSE
0,017	0,306	0,000	0,008	0,015	FALSE
0,082	0,288	0,002	0,008	0,087	FALSE
0,025	0,281	0,002	0,012	0,064	FALSE
-0,051	0,291	0,000	0,009	0,005	FALSE
0,061	0,295	0,002	0,008	0,103	FALSE
-0,054	0,281	-0,002	0,012	0,063	FALSE
0,055	0,296	0,002	0,010	0,072	FALSE
0,056	0,287	0,003	0,008	0,146	FALSE
0,058	0,295	0,001	0,012	0,045	FALSE
-0,051	0,296	-0,001	0,012	0,032	FALSE
0,087	0,291	0,001	0,010	0,045	FALSE
0,100	0,293	0,002	0,010	0,074	FALSE
0,043	0,286	0,002	0,013	0,070	FALSE
-0,051	0,301	-0,003	0,013	0,073	FALSE
-0,070	0,283	-0,004	0,010	0,147	FALSE
0,034	0,294	0,001	0,007	0,050	FALSE
-0,034	0,283	-0,001	0,012	0,020	FALSE
0,100	0,286	0,002	0,009	0,080	FALSE
-0,048	0,279	-0,005	0,013	0,151	FALSE
0,021	0,300	0,001	0,013	0,038	FALSE
-0,038	0,305	-0,001	0,007	0,051	FALSE
-0,002	0,291	0,000	0,006	0,027	FALSE
0,132	0,282	0,005	0,012	0,157	FALSE
-0,051	0,286	-0,001	0,013	0,027	FALSE
0,012	0,296	0,000	0,009	0,018	FALSE
-0,014	0,273	0,000	0,012	0,005	FALSE
0,079	0,286	0,003	0,009	0,121	FALSE
-0,058	0,285	0,000	0,012	0,000	FALSE
-0,047	0,287	-0,002	0,006	0,114	FALSE
0,015	0,284	0,002	0,007	0,103	FALSE
-0,001	0,295	0,002	0,008	0,071	FALSE
-0,027	0,295	-0,002	0,010	0,060	FALSE
0,106	0,291	0,003	0,009	0,149	FALSE
-0,043	0,287	-0,001	0,011	0,047	FALSE
0,029	0,299	0,001	0,008	0,024	FALSE

-0,059	0,289	-0,001	0,007	0,065	FALSE
-0,185	0,270	-0,006	0,008	0,309	FALSE
-0,143	0,263	-0,004	0,009	0,184	FALSE
0,044	0,284	0,002	0,010	0,084	FALSE
0,102	0,288	0,002	0,007	0,118	FALSE
-0,047	0,289	-0,001	0,009	0,052	FALSE
0,123	0,290	0,004	0,009	0,184	FALSE
0,167	0,295	0,006	0,011	0,206	FALSE
0,029	0,295	0,000	0,007	0,006	FALSE
0,088	0,298	0,003	0,009	0,132	FALSE
0,137	0,292	0,003	0,008	0,144	FALSE
-0,098	0,288	-0,005	0,012	0,169	FALSE
-0,012	0,292	0,000	0,009	0,018	FALSE
-0,004	0,293	0,001	0,010	0,018	FALSE
-0,122	0,291	-0,004	0,008	0,195	FALSE
0,037	0,287	0,004	0,012	0,122	FALSE
0,126	0,282	0,007	0,012	0,249	FALSE
0,002	0,289	-0,001	0,013	0,023	FALSE
0,076	0,296	0,002	0,006	0,090	FALSE
-0,006	0,312	-0,001	0,012	0,032	FALSE
-0,025	0,280	0,000	0,013	0,003	FALSE
0,068	0,291	0,002	0,012	0,079	FALSE
0,018	0,286	0,000	0,007	0,006	FALSE
-0,037	0,300	-0,001	0,011	0,045	FALSE
-0,059	0,284	-0,002	0,010	0,081	FALSE
-0,039	0,296	-0,001	0,007	0,042	FALSE
-0,086	0,285	-0,003	0,009	0,136	FALSE
0,040	0,291	0,001	0,006	0,074	FALSE
-0,095	0,283	-0,004	0,011	0,162	FALSE
-0,048	0,283	-0,002	0,010	0,094	FALSE
0,029	0,288	0,001	0,013	0,019	FALSE
-0,074	0,286	-0,001	0,007	0,044	FALSE
-0,110	0,291	-0,003	0,009	0,144	FALSE
0,037	0,289	0,001	0,013	0,029	FALSE
-0,023	0,289	-0,001	0,012	0,025	FALSE
-0,066	0,297	-0,002	0,012	0,047	FALSE
0,043	0,296	0,002	0,009	0,081	FALSE
0,017	0,287	0,000	0,006	0,016	FALSE
0,131	0,293	0,003	0,009	0,117	FALSE
-0,049	0,297	-0,003	0,013	0,092	FALSE
0,012	0,286	0,000	0,010	0,002	FALSE
-0,013	0,296	0,000	0,008	0,013	FALSE
-0,010	0,292	0,000	0,013	0,013	FALSE
-0,144	0,286	-0,002	0,007	0,138	FALSE
0,159	0,297	0,005	0,012	0,179	FALSE
0,089	0,284	0,003	0,009	0,125	FALSE
0,100	0,286	0,002	0,008	0,087	FALSE
0,166	0,295	0,006	0,012	0,217	FALSE
0,143	0,293	0,004	0,010	0,164	FALSE
-0,078	0,298	-0,003	0,013	0,086	FALSE
-0,124	0,291	-0,004	0,013	0,114	FALSE
-0,007	0,301	0,000	0,012	0,002	FALSE
-0,004	0,291	0,000	0,012	0,003	FALSE

-0,230	0,277	-0,006	0,010	0,276	TRUE
0,076	0,287	0,001	0,006	0,049	FALSE
-0,048	0,290	0,000	0,009	0,005	FALSE
-0,059	0,283	-0,003	0,008	0,154	FALSE
-0,043	0,282	-0,001	0,010	0,040	FALSE
-0,069	0,291	-0,001	0,007	0,069	FALSE
0,108	0,299	0,002	0,009	0,081	FALSE
-0,123	0,293	-0,003	0,009	0,156	FALSE
0,072	0,286	0,001	0,007	0,055	FALSE
0,219	0,291	0,009	0,012	0,341	FALSE
-0,126	0,269	-0,003	0,007	0,189	FALSE
-0,091	0,295	-0,002	0,008	0,108	FALSE
0,038	0,282	0,001	0,008	0,035	FALSE
-0,049	0,292	-0,003	0,013	0,089	FALSE
0,080	0,292	0,002	0,013	0,062	FALSE
0,029	0,281	0,001	0,013	0,042	FALSE
0,013	0,295	-0,001	0,007	0,037	FALSE
-0,033	0,299	-0,002	0,012	0,071	FALSE
0,073	0,276	0,000	0,006	0,017	FALSE
0,079	0,290	0,001	0,008	0,029	FALSE
-0,046	0,296	-0,002	0,010	0,083	FALSE
-0,172	0,284	-0,006	0,008	0,304	TRUE
0,031	0,294	0,000	0,011	0,001	FALSE
0,092	0,283	0,002	0,009	0,062	FALSE
-0,004	0,287	-0,001	0,009	0,022	FALSE
0,053	0,282	0,002	0,010	0,058	FALSE
0,138	0,286	0,005	0,010	0,184	FALSE
-0,092	0,290	-0,003	0,010	0,129	FALSE
-0,007	0,297	-0,001	0,013	0,034	FALSE
0,078	0,283	0,001	0,009	0,063	FALSE
-0,103	0,274	-0,005	0,011	0,169	FALSE
-0,048	0,289	-0,003	0,012	0,099	FALSE
-0,065	0,299	-0,001	0,007	0,037	FALSE
-0,092	0,302	-0,002	0,008	0,097	FALSE
-0,031	0,292	0,000	0,009	0,008	FALSE
-0,039	0,290	-0,001	0,006	0,037	FALSE
0,080	0,284	0,003	0,006	0,182	FALSE
0,042	0,287	0,000	0,007	0,002	FALSE
-0,036	0,298	-0,002	0,010	0,091	FALSE
-0,007	0,287	-0,001	0,012	0,033	FALSE
0,008	0,273	-0,002	0,008	0,085	FALSE
0,117	0,286	0,002	0,007	0,129	FALSE
-0,114	0,283	-0,004	0,010	0,151	FALSE
0,143	0,292	0,003	0,007	0,161	FALSE
-0,053	0,298	-0,002	0,012	0,060	FALSE
-0,088	0,284	-0,001	0,006	0,044	FALSE
0,054	0,294	0,002	0,012	0,057	FALSE
0,053	0,288	0,002	0,008	0,121	FALSE
-0,064	0,294	-0,002	0,006	0,095	FALSE
0,042	0,290	0,002	0,012	0,075	FALSE
-0,051	0,290	0,001	0,012	0,021	FALSE
-0,033	0,274	-0,002	0,011	0,088	FALSE
-0,066	0,283	-0,001	0,006	0,053	FALSE

0,077	0,296	0,004	0,012	0,117	FALSE
-0,030	0,281	0,000	0,006	0,017	FALSE
0,009	0,302	0,000	0,012	0,011	FALSE
0,096	0,285	0,002	0,006	0,164	FALSE
0,063	0,288	0,002	0,008	0,076	FALSE
-0,039	0,290	-0,001	0,008	0,030	FALSE
0,037	0,316	0,000	0,007	0,017	FALSE
-0,034	0,298	-0,001	0,007	0,047	FALSE
-0,025	0,291	-0,001	0,008	0,054	FALSE
-0,088	0,295	-0,002	0,009	0,083	FALSE
-0,083	0,280	-0,003	0,007	0,154	FALSE
0,093	0,286	0,001	0,010	0,047	FALSE
0,049	0,283	0,003	0,009	0,133	FALSE
0,029	0,297	-0,001	0,008	0,033	FALSE
0,077	0,280	0,003	0,010	0,122	FALSE
-0,030	0,285	-0,001	0,010	0,039	FALSE
-0,162	0,287	-0,005	0,008	0,272	FALSE
0,229	0,272	0,008	0,011	0,325	FALSE
-0,129	0,278	-0,003	0,012	0,109	FALSE
-0,045	0,290	-0,001	0,008	0,031	FALSE
-0,169	0,286	-0,005	0,011	0,209	FALSE
-0,048	0,297	-0,002	0,012	0,054	FALSE
-0,002	0,286	0,000	0,008	0,011	FALSE
0,116	0,299	0,003	0,009	0,152	FALSE
0,012	0,291	0,000	0,008	0,003	FALSE
-0,029	0,295	0,000	0,013	0,011	FALSE
0,001	0,281	0,003	0,011	0,124	FALSE
-0,096	0,290	-0,003	0,013	0,091	FALSE
-0,011	0,298	0,000	0,008	0,009	FALSE
0,088	0,292	0,001	0,008	0,030	FALSE
-0,001	0,281	0,000	0,012	0,004	FALSE
-0,096	0,281	-0,004	0,008	0,192	FALSE
0,045	0,294	0,002	0,011	0,075	FALSE
0,088	0,290	0,003	0,009	0,116	FALSE
0,073	0,293	0,002	0,010	0,096	FALSE
0,015	0,299	0,001	0,009	0,039	FALSE
0,071	0,293	0,001	0,011	0,041	FALSE
0,074	0,298	0,001	0,009	0,058	FALSE
-0,001	0,304	0,000	0,012	0,007	FALSE
-0,161	0,297	-0,006	0,011	0,211	FALSE
0,101	0,292	0,002	0,013	0,072	FALSE
-0,088	0,293	-0,005	0,013	0,153	FALSE
0,058	0,304	0,000	0,011	0,005	FALSE
0,000	0,306	0,000	0,010	0,001	FALSE
0,095	0,289	0,003	0,006	0,161	FALSE
0,024	0,289	0,002	0,012	0,045	FALSE
-0,140	0,284	-0,005	0,009	0,212	FALSE
-0,113	0,284	-0,004	0,012	0,116	FALSE
0,065	0,293	0,002	0,011	0,057	FALSE
-0,049	0,311	-0,002	0,013	0,046	FALSE
0,052	0,309	0,002	0,010	0,056	FALSE
0,069	0,291	0,004	0,012	0,144	FALSE
0,086	0,292	0,005	0,013	0,170	FALSE

0,141	0,290	0,003	0,008	0,185	FALSE
0,070	0,282	0,003	0,012	0,113	FALSE
-0,035	0,287	-0,004	0,010	0,159	FALSE
0,023	0,291	0,002	0,013	0,061	FALSE
0,038	0,292	0,001	0,007	0,049	FALSE
0,093	0,286	0,001	0,006	0,032	FALSE
0,151	0,296	0,004	0,010	0,153	FALSE
-0,159	0,284	-0,005	0,012	0,158	FALSE
-0,026	0,297	-0,004	0,009	0,168	FALSE
0,105	0,285	0,004	0,011	0,126	FALSE
-0,086	0,291	-0,002	0,007	0,093	FALSE
-0,106	0,283	-0,002	0,008	0,113	FALSE
-0,056	0,284	-0,001	0,007	0,041	FALSE
0,058	0,288	0,003	0,010	0,123	FALSE
-0,021	0,277	-0,003	0,011	0,110	FALSE
0,045	0,296	0,002	0,013	0,060	FALSE
0,080	0,289	0,003	0,008	0,157	FALSE
0,022	0,301	0,000	0,008	0,012	FALSE
0,020	0,293	0,000	0,010	0,013	FALSE
0,014	0,280	0,001	0,010	0,018	FALSE
-0,048	0,291	-0,001	0,008	0,059	FALSE
-0,241	0,259	-0,008	0,011	0,351	FALSE
0,013	0,280	0,000	0,007	0,022	FALSE
-0,108	0,283	-0,003	0,010	0,114	FALSE
0,022	0,298	-0,001	0,013	0,021	FALSE
0,043	0,289	0,005	0,013	0,158	FALSE
0,030	0,296	0,001	0,006	0,084	FALSE
0,054	0,294	0,003	0,011	0,092	FALSE
0,009	0,301	0,001	0,011	0,048	FALSE
0,003	0,289	-0,001	0,012	0,025	FALSE
-0,078	0,291	-0,002	0,007	0,110	FALSE
0,002	0,300	-0,002	0,013	0,066	FALSE
-0,068	0,308	-0,002	0,014	0,058	FALSE
0,032	0,293	0,000	0,010	0,006	FALSE
0,102	0,288	0,002	0,008	0,091	FALSE
-0,173	0,276	-0,005	0,009	0,266	FALSE
-0,083	0,293	-0,001	0,012	0,020	FALSE
0,093	0,289	0,002	0,007	0,107	FALSE
-0,132	0,280	-0,003	0,007	0,165	FALSE
0,074	0,276	0,004	0,008	0,184	FALSE
0,118	0,283	0,003	0,009	0,140	FALSE
0,043	0,286	0,001	0,006	0,041	FALSE
-0,106	0,302	-0,004	0,013	0,114	FALSE
0,016	0,297	0,000	0,007	0,016	FALSE
0,012	0,286	0,001	0,007	0,077	FALSE
0,072	0,289	0,002	0,007	0,103	FALSE
0,126	0,287	0,002	0,007	0,118	FALSE
-0,066	0,294	-0,001	0,009	0,051	FALSE
-0,057	0,300	-0,002	0,010	0,089	FALSE
-0,021	0,281	0,000	0,007	0,005	FALSE
0,016	0,278	-0,001	0,009	0,035	FALSE
-0,002	0,270	-0,001	0,011	0,029	FALSE
0,044	0,280	0,003	0,012	0,108	FALSE

-0,017	0,286	-0,001	0,010	0,036	FALSE
0,048	0,281	0,001	0,009	0,023	FALSE
0,035	0,286	0,001	0,012	0,028	FALSE
-0,187	0,280	-0,006	0,012	0,224	FALSE
0,069	0,299	0,002	0,010	0,062	FALSE
-0,099	0,280	-0,001	0,007	0,049	FALSE
-0,098	0,261	-0,001	0,006	0,061	FALSE
-0,012	0,288	0,000	0,011	0,013	FALSE
0,011	0,304	0,001	0,009	0,040	FALSE
-0,072	0,293	-0,002	0,012	0,067	FALSE
0,078	0,283	0,002	0,008	0,106	FALSE
-0,078	0,285	-0,003	0,013	0,080	FALSE
0,019	0,289	0,000	0,012	0,002	FALSE
0,013	0,277	0,001	0,010	0,054	FALSE
0,096	0,288	0,002	0,008	0,070	FALSE
0,130	0,278	0,004	0,010	0,179	FALSE
0,003	0,300	-0,001	0,007	0,041	FALSE
-0,038	0,279	0,001	0,012	0,033	FALSE
0,072	0,288	0,002	0,007	0,088	FALSE
-0,018	0,288	-0,001	0,007	0,039	FALSE
0,255	0,274	0,009	0,013	0,340	FALSE
0,225	0,261	0,009	0,011	0,381	FALSE
0,209	0,279	0,007	0,011	0,302	FALSE
-0,016	0,303	0,000	0,011	0,008	FALSE
-0,006	0,306	0,000	0,012	0,003	FALSE
0,022	0,290	0,001	0,011	0,019	FALSE
-0,044	0,306	-0,003	0,013	0,070	FALSE
-0,004	0,278	-0,001	0,009	0,024	FALSE
-0,208	0,279	-0,004	0,006	0,254	FALSE
-0,005	0,293	0,000	0,008	0,002	FALSE
-0,007	0,283	0,000	0,011	0,014	FALSE
-0,077	0,277	-0,002	0,008	0,119	FALSE
-0,063	0,284	-0,003	0,010	0,101	FALSE
0,141	0,291	0,004	0,009	0,184	FALSE
0,000	0,288	0,000	0,009	0,013	FALSE
0,057	0,284	0,000	0,008	0,011	FALSE
0,053	0,277	0,001	0,012	0,019	FALSE
-0,159	0,283	-0,005	0,010	0,204	FALSE
0,012	0,301	0,000	0,010	0,004	FALSE
-0,172	0,281	-0,004	0,008	0,180	FALSE
0,111	0,294	0,003	0,008	0,154	FALSE
0,090	0,287	0,003	0,013	0,082	FALSE
0,154	0,296	0,006	0,012	0,187	FALSE
-0,233	0,269	-0,009	0,012	0,335	FALSE
-0,109	0,286	-0,004	0,009	0,186	FALSE
-0,148	0,289	-0,005	0,011	0,206	FALSE
0,079	0,280	0,000	0,007	0,008	FALSE
-0,005	0,275	-0,001	0,008	0,038	FALSE
0,183	0,285	0,003	0,006	0,221	FALSE
-0,011	0,300	-0,001	0,011	0,017	FALSE
-0,027	0,296	0,000	0,010	0,010	FALSE
-0,019	0,298	0,001	0,013	0,026	FALSE
-0,129	0,271	-0,003	0,008	0,157	FALSE

-0,158	0,295	-0,005	0,012	0,155	FALSE
-0,167	0,289	-0,005	0,009	0,255	FALSE
0,030	0,283	0,001	0,007	0,071	FALSE
-0,051	0,279	-0,002	0,007	0,133	FALSE
-0,012	0,289	-0,001	0,007	0,026	FALSE
0,001	0,291	-0,002	0,012	0,071	FALSE
-0,038	0,296	-0,002	0,007	0,135	FALSE
0,127	0,300	0,002	0,009	0,100	FALSE
0,071	0,289	0,005	0,012	0,156	FALSE
-0,016	0,290	-0,001	0,012	0,024	FALSE
0,010	0,291	0,000	0,007	0,014	FALSE
-0,069	0,304	-0,001	0,010	0,040	FALSE
0,042	0,289	0,002	0,007	0,096	FALSE
-0,154	0,296	-0,003	0,007	0,185	FALSE
-0,126	0,286	-0,003	0,008	0,131	FALSE
-0,002	0,286	-0,001	0,012	0,022	FALSE
-0,145	0,297	-0,003	0,007	0,153	FALSE
0,040	0,283	0,001	0,011	0,044	FALSE
0,000	0,300	0,001	0,012	0,018	FALSE
0,030	0,296	0,000	0,006	0,026	FALSE
-0,063	0,291	-0,004	0,012	0,124	FALSE
0,053	0,294	0,003	0,010	0,122	FALSE
-0,030	0,290	-0,002	0,006	0,121	FALSE
-0,105	0,291	-0,002	0,007	0,126	FALSE
-0,042	0,280	0,000	0,010	0,017	FALSE
-0,064	0,288	-0,003	0,009	0,142	FALSE
0,090	0,292	0,002	0,006	0,126	FALSE
0,019	0,300	-0,001	0,007	0,063	FALSE
-0,095	0,296	-0,005	0,013	0,144	FALSE
0,026	0,293	0,001	0,013	0,021	FALSE
0,034	0,284	0,002	0,013	0,043	FALSE
-0,032	0,286	0,000	0,012	0,008	FALSE
-0,015	0,287	0,000	0,012	0,010	FALSE
0,009	0,289	0,000	0,011	0,002	FALSE
0,127	0,305	0,005	0,011	0,212	FALSE
-0,041	0,289	0,000	0,012	0,004	FALSE
-0,054	0,287	0,000	0,011	0,003	FALSE
-0,014	0,303	0,000	0,007	0,012	FALSE
-0,122	0,290	-0,004	0,012	0,114	FALSE
-0,051	0,299	-0,001	0,010	0,047	FALSE
0,082	0,297	0,002	0,007	0,111	FALSE
-0,027	0,290	-0,002	0,009	0,066	FALSE
-0,080	0,281	-0,003	0,011	0,103	FALSE
-0,117	0,312	-0,003	0,009	0,129	FALSE
-0,043	0,298	0,000	0,007	0,011	FALSE
-0,191	0,276	-0,007	0,012	0,266	FALSE
-0,018	0,292	-0,002	0,011	0,055	FALSE
-0,102	0,295	-0,002	0,008	0,095	FALSE
0,003	0,282	0,000	0,007	0,008	FALSE
0,065	0,294	0,001	0,010	0,041	FALSE
0,025	0,288	0,001	0,011	0,019	FALSE
0,050	0,295	0,000	0,011	0,001	FALSE
0,043	0,292	0,001	0,008	0,030	FALSE

0,041	0,293	0,000	0,007	0,005	FALSE
0,007	0,279	0,001	0,010	0,053	FALSE
-0,056	0,307	-0,002	0,010	0,070	FALSE
0,008	0,294	0,001	0,008	0,049	FALSE
-0,075	0,281	-0,004	0,012	0,143	FALSE
0,136	0,284	0,006	0,011	0,240	FALSE
0,024	0,293	-0,001	0,012	0,036	FALSE
0,115	0,280	0,005	0,009	0,238	FALSE
0,008	0,292	0,000	0,007	0,020	FALSE
0,089	0,295	0,002	0,007	0,106	FALSE
-0,015	0,297	0,000	0,008	0,006	FALSE
-0,040	0,280	0,001	0,010	0,020	FALSE
0,010	0,291	0,001	0,009	0,049	FALSE
0,055	0,305	0,002	0,007	0,095	FALSE
0,061	0,301	0,000	0,008	0,017	FALSE
0,044	0,284	0,001	0,006	0,061	FALSE
-0,012	0,295	0,000	0,007	0,004	FALSE
0,034	0,294	0,002	0,009	0,098	FALSE
0,034	0,282	0,000	0,008	0,000	FALSE
-0,005	0,281	0,001	0,009	0,042	FALSE
-0,024	0,294	-0,001	0,010	0,029	FALSE
-0,010	0,303	-0,002	0,012	0,069	FALSE
0,109	0,289	0,003	0,010	0,135	FALSE
-0,110	0,288	-0,003	0,011	0,101	FALSE
0,010	0,284	0,001	0,007	0,039	FALSE
0,110	0,291	0,005	0,012	0,188	FALSE
-0,064	0,289	-0,001	0,011	0,033	FALSE
0,028	0,285	0,002	0,011	0,054	FALSE
0,028	0,276	0,004	0,012	0,117	FALSE
0,024	0,274	0,004	0,012	0,124	FALSE
-0,096	0,291	-0,004	0,009	0,174	FALSE
0,103	0,278	0,004	0,012	0,128	FALSE
0,039	0,283	0,002	0,013	0,057	FALSE
-0,007	0,296	0,000	0,007	0,016	FALSE
-0,039	0,288	-0,001	0,006	0,033	FALSE
0,027	0,286	0,001	0,007	0,027	FALSE
0,093	0,272	0,003	0,010	0,131	FALSE
-0,008	0,292	-0,001	0,013	0,016	FALSE
-0,002	0,283	0,000	0,012	0,015	FALSE
-0,009	0,309	-0,001	0,008	0,042	FALSE
-0,094	0,287	-0,002	0,006	0,108	FALSE
0,134	0,283	0,002	0,010	0,092	FALSE
-0,057	0,286	0,000	0,006	0,023	FALSE
0,092	0,293	0,003	0,007	0,144	FALSE
0,197	0,295	0,007	0,011	0,271	FALSE
0,036	0,301	0,000	0,010	0,005	FALSE
-0,191	0,282	-0,006	0,009	0,288	FALSE
-0,172	0,280	-0,007	0,012	0,286	FALSE
-0,124	0,274	-0,002	0,008	0,104	FALSE
0,009	0,295	0,001	0,010	0,053	FALSE
-0,078	0,286	-0,003	0,008	0,128	FALSE
-0,038	0,275	0,000	0,012	0,007	FALSE
0,001	0,294	0,000	0,012	0,004	FALSE

-0,117	0,289	-0,003	0,009	0,136	FALSE
-0,091	0,282	-0,002	0,007	0,095	FALSE
-0,045	0,296	-0,003	0,012	0,096	FALSE
-0,035	0,294	-0,002	0,012	0,068	FALSE
-0,172	0,291	-0,006	0,011	0,209	FALSE
-0,064	0,295	-0,003	0,010	0,109	FALSE
-0,242	0,287	-0,010	0,012	0,388	FALSE
0,052	0,284	0,001	0,006	0,058	FALSE
0,115	0,288	0,002	0,008	0,071	FALSE
-0,001	0,283	0,002	0,010	0,071	FALSE
0,048	0,292	0,000	0,007	0,007	FALSE
0,024	0,284	0,001	0,012	0,041	FALSE
0,058	0,293	0,003	0,012	0,078	FALSE
0,045	0,309	0,001	0,012	0,026	FALSE
-0,050	0,279	-0,002	0,011	0,055	FALSE
0,003	0,306	0,000	0,010	0,009	FALSE
-0,037	0,291	0,000	0,012	0,004	FALSE
0,006	0,289	0,000	0,008	0,001	FALSE
0,007	0,294	0,000	0,008	0,018	FALSE
0,037	0,298	0,000	0,013	0,000	FALSE
-0,118	0,292	-0,004	0,008	0,179	FALSE
-0,028	0,301	0,000	0,010	0,014	FALSE
-0,046	0,305	-0,001	0,011	0,035	FALSE
-0,128	0,295	-0,004	0,013	0,105	FALSE
-0,071	0,295	-0,001	0,011	0,047	FALSE
0,012	0,283	-0,001	0,013	0,024	FALSE
-0,006	0,297	-0,001	0,013	0,019	FALSE
-0,015	0,299	-0,002	0,014	0,045	FALSE
-0,004	0,283	-0,001	0,007	0,052	FALSE
0,119	0,287	0,001	0,011	0,048	FALSE
0,149	0,292	0,003	0,007	0,203	FALSE
0,174	0,286	0,004	0,007	0,255	FALSE
0,095	0,283	0,001	0,007	0,054	FALSE
0,014	0,295	0,002	0,007	0,080	FALSE
0,089	0,296	0,002	0,007	0,097	FALSE
-0,118	0,279	-0,002	0,011	0,073	FALSE
-0,071	0,293	-0,003	0,008	0,130	FALSE
0,079	0,295	0,001	0,009	0,061	FALSE
0,044	0,286	0,000	0,007	0,017	FALSE
-0,028	0,301	-0,001	0,013	0,038	FALSE
0,017	0,287	0,001	0,007	0,057	FALSE
0,030	0,294	0,001	0,011	0,020	FALSE
0,040	0,292	0,002	0,007	0,084	FALSE
0,019	0,288	0,001	0,007	0,061	FALSE
0,031	0,297	0,001	0,007	0,061	FALSE
0,045	0,288	0,001	0,006	0,085	FALSE
-0,029	0,295	-0,001	0,013	0,024	FALSE
0,009	0,287	0,001	0,009	0,035	FALSE
-0,013	0,287	0,000	0,009	0,007	FALSE
0,000	0,289	0,001	0,009	0,038	FALSE
-0,040	0,284	0,000	0,008	0,021	FALSE
0,008	0,288	0,001	0,009	0,035	FALSE
-0,056	0,280	-0,001	0,007	0,027	FALSE

-0,090	0,274	-0,002	0,008	0,118	FALSE
0,091	0,285	0,001	0,009	0,058	FALSE
0,028	0,291	0,002	0,007	0,120	FALSE
-0,027	0,288	-0,002	0,007	0,134	FALSE
0,195	0,271	0,007	0,011	0,266	FALSE
0,212	0,283	0,007	0,008	0,404	FALSE
-0,131	0,287	-0,004	0,009	0,208	FALSE
-0,113	0,276	-0,006	0,012	0,211	FALSE
-0,071	0,294	-0,002	0,007	0,088	FALSE
-0,122	0,278	-0,007	0,012	0,257	FALSE
-0,116	0,270	-0,007	0,011	0,255	FALSE
-0,165	0,277	-0,006	0,011	0,250	FALSE
-0,083	0,285	-0,003	0,009	0,136	FALSE
-0,004	0,283	-0,001	0,006	0,032	FALSE
-0,103	0,282	-0,003	0,007	0,189	FALSE
0,044	0,306	0,000	0,011	0,012	FALSE
-0,043	0,294	-0,002	0,010	0,087	FALSE
-0,052	0,275	-0,001	0,008	0,058	FALSE
-0,007	0,284	0,000	0,007	0,016	FALSE
-0,060	0,300	-0,001	0,007	0,054	FALSE
0,095	0,290	0,004	0,011	0,136	FALSE
-0,032	0,290	0,001	0,007	0,039	FALSE
-0,110	0,290	-0,005	0,010	0,197	FALSE
-0,024	0,311	-0,003	0,013	0,076	FALSE
0,170	0,279	0,006	0,011	0,232	FALSE
0,088	0,301	0,003	0,011	0,099	FALSE
-0,009	0,285	-0,001	0,009	0,023	FALSE
0,030	0,294	0,001	0,013	0,039	FALSE
-0,108	0,288	-0,004	0,012	0,139	FALSE
-0,125	0,280	-0,004	0,009	0,177	FALSE
-0,122	0,295	-0,005	0,011	0,175	FALSE
-0,124	0,300	-0,003	0,009	0,139	FALSE
-0,133	0,287	-0,005	0,010	0,183	FALSE
-0,205	0,291	-0,009	0,011	0,359	FALSE
0,019	0,303	0,000	0,008	0,022	FALSE
-0,171	0,289	-0,007	0,011	0,292	FALSE
-0,202	0,279	-0,008	0,012	0,314	FALSE
-0,022	0,296	-0,001	0,008	0,046	FALSE
-0,098	0,277	-0,003	0,009	0,145	FALSE
-0,016	0,301	0,000	0,007	0,009	FALSE
0,040	0,272	0,002	0,012	0,071	FALSE
0,102	0,289	0,003	0,009	0,138	FALSE
0,094	0,272	0,005	0,012	0,155	FALSE
0,145	0,276	0,007	0,012	0,231	FALSE
-0,112	0,283	-0,003	0,009	0,153	FALSE
0,094	0,270	0,003	0,010	0,128	FALSE
-0,038	0,272	-0,001	0,009	0,046	FALSE
-0,069	0,292	-0,002	0,008	0,078	FALSE
0,004	0,307	0,000	0,013	0,006	FALSE
-0,140	0,283	-0,003	0,006	0,200	FALSE
0,038	0,297	0,001	0,006	0,067	FALSE
-0,095	0,292	-0,003	0,012	0,097	FALSE
0,053	0,288	0,001	0,007	0,085	FALSE

0,081	0,289	0,002	0,007	0,153	FALSE
0,099	0,292	0,001	0,013	0,038	FALSE
-0,059	0,292	0,000	0,011	0,000	FALSE
-0,055	0,292	0,000	0,010	0,007	FALSE
-0,185	0,281	-0,004	0,006	0,287	FALSE
0,108	0,298	0,004	0,011	0,126	FALSE
-0,058	0,284	-0,003	0,012	0,083	FALSE
0,126	0,290	0,004	0,011	0,165	FALSE
0,060	0,290	0,003	0,013	0,077	FALSE
-0,032	0,285	-0,002	0,012	0,065	FALSE
-0,038	0,291	-0,002	0,012	0,057	FALSE
0,116	0,300	0,004	0,011	0,135	FALSE
-0,001	0,293	0,000	0,013	0,009	FALSE
0,055	0,287	0,001	0,013	0,034	FALSE
0,071	0,283	0,002	0,007	0,105	FALSE
-0,082	0,288	-0,002	0,008	0,079	FALSE
0,055	0,301	-0,001	0,007	0,033	FALSE
0,013	0,291	0,000	0,009	0,016	FALSE
0,160	0,276	0,005	0,012	0,159	FALSE
0,183	0,286	0,005	0,011	0,190	FALSE
0,156	0,295	0,004	0,012	0,132	FALSE
0,125	0,282	0,003	0,011	0,101	FALSE
-0,163	0,284	-0,005	0,012	0,184	FALSE
0,163	0,278	0,004	0,011	0,158	FALSE
-0,306	0,260	-0,011	0,011	0,490	FALSE
0,067	0,285	0,001	0,008	0,043	FALSE
0,230	0,260	0,010	0,012	0,357	FALSE
-0,241	0,278	-0,005	0,007	0,295	FALSE
-0,128	0,275	-0,004	0,012	0,145	FALSE
0,166	0,278	0,007	0,011	0,263	FALSE
0,145	0,283	0,007	0,010	0,277	FALSE
0,079	0,282	0,001	0,009	0,041	FALSE
0,030	0,288	0,001	0,006	0,032	FALSE
-0,128	0,282	-0,003	0,012	0,107	FALSE
-0,064	0,286	-0,002	0,011	0,065	FALSE
0,037	0,295	0,000	0,011	0,011	FALSE
0,040	0,284	0,000	0,010	0,014	FALSE
0,014	0,286	0,000	0,012	0,014	FALSE
-0,037	0,291	-0,001	0,008	0,054	FALSE
-0,005	0,284	0,000	0,012	0,009	FALSE
-0,173	0,281	-0,004	0,008	0,225	FALSE
0,147	0,286	0,005	0,012	0,178	FALSE
0,051	0,279	0,001	0,009	0,044	FALSE
0,049	0,283	0,001	0,009	0,046	FALSE
0,145	0,290	0,003	0,006	0,220	FALSE
0,137	0,276	0,005	0,011	0,177	FALSE
-0,056	0,284	-0,003	0,009	0,136	FALSE
-0,011	0,297	-0,002	0,008	0,124	FALSE
-0,028	0,291	0,001	0,007	0,043	FALSE
-0,003	0,286	0,001	0,007	0,066	FALSE
-0,069	0,276	-0,004	0,009	0,166	FALSE
-0,004	0,292	0,001	0,007	0,066	FALSE
-0,029	0,294	-0,002	0,012	0,064	FALSE

-0,037	0,284	-0,002	0,012	0,073	FALSE
0,098	0,277	0,000	0,006	0,001	FALSE
-0,005	0,293	0,000	0,007	0,014	FALSE
-0,106	0,289	-0,002	0,013	0,045	FALSE
0,096	0,283	0,000	0,010	0,004	FALSE
0,037	0,304	0,001	0,007	0,036	FALSE
0,012	0,299	0,002	0,012	0,075	FALSE
0,064	0,294	0,002	0,007	0,104	FALSE
0,020	0,285	0,003	0,013	0,093	FALSE
0,109	0,283	0,003	0,012	0,099	FALSE
-0,018	0,275	0,001	0,006	0,045	FALSE
-0,029	0,301	0,000	0,013	0,006	FALSE
0,154	0,283	0,005	0,010	0,212	FALSE
0,141	0,279	0,004	0,009	0,210	FALSE
0,072	0,279	0,002	0,008	0,085	FALSE
0,099	0,296	0,002	0,008	0,124	FALSE
0,088	0,279	0,003	0,009	0,112	FALSE
-0,017	0,290	0,000	0,007	0,012	FALSE
0,102	0,288	0,003	0,010	0,122	FALSE
0,128	0,290	0,004	0,010	0,171	FALSE
0,101	0,282	0,003	0,010	0,129	FALSE
-0,019	0,289	0,000	0,007	0,005	FALSE
-0,040	0,288	-0,003	0,012	0,082	FALSE
0,043	0,296	0,002	0,011	0,081	FALSE
0,051	0,283	0,000	0,010	0,007	FALSE
0,025	0,293	-0,001	0,010	0,020	FALSE
0,042	0,289	0,000	0,009	0,006	FALSE
0,005	0,278	0,001	0,011	0,036	FALSE
0,086	0,279	0,004	0,011	0,157	FALSE
0,061	0,284	0,000	0,010	0,003	FALSE
-0,121	0,294	-0,002	0,008	0,094	FALSE
-0,090	0,278	-0,002	0,006	0,110	FALSE
0,111	0,279	0,003	0,008	0,164	FALSE
-0,035	0,285	-0,001	0,007	0,057	FALSE
0,009	0,296	0,002	0,009	0,071	FALSE
0,036	0,281	0,002	0,007	0,111	FALSE
-0,049	0,290	-0,001	0,012	0,034	FALSE
-0,037	0,292	-0,001	0,008	0,063	FALSE
0,102	0,277	0,003	0,007	0,214	FALSE
0,010	0,287	0,000	0,009	0,006	FALSE
0,037	0,304	0,000	0,013	0,011	FALSE
0,078	0,274	0,003	0,007	0,200	FALSE
0,046	0,291	0,002	0,007	0,120	FALSE
0,018	0,277	-0,001	0,008	0,059	FALSE
0,042	0,302	0,001	0,009	0,047	FALSE
0,073	0,292	0,000	0,007	0,021	FALSE
-0,118	0,308	-0,004	0,013	0,107	FALSE
-0,110	0,284	-0,001	0,008	0,062	FALSE
-0,100	0,294	-0,002	0,007	0,140	FALSE
-0,081	0,283	-0,004	0,012	0,139	FALSE
-0,006	0,286	-0,001	0,007	0,075	FALSE
-0,073	0,286	-0,001	0,010	0,039	FALSE
-0,230	0,267	-0,005	0,006	0,347	FALSE

0,027	0,290	0,000	0,007	0,015	FALSE
0,029	0,303	0,001	0,013	0,018	FALSE
-0,022	0,299	0,001	0,013	0,018	FALSE
0,155	0,273	0,003	0,007	0,190	FALSE
-0,043	0,278	-0,001	0,007	0,061	FALSE
0,017	0,296	0,001	0,011	0,038	FALSE
-0,069	0,296	-0,002	0,008	0,088	FALSE
0,014	0,291	0,002	0,011	0,053	FALSE
0,073	0,290	0,003	0,010	0,120	FALSE
-0,017	0,299	-0,002	0,013	0,061	FALSE
-0,042	0,294	-0,001	0,011	0,046	FALSE
0,101	0,289	0,001	0,007	0,085	FALSE
-0,013	0,290	0,000	0,007	0,006	FALSE
-0,073	0,287	-0,003	0,007	0,144	FALSE
0,111	0,289	0,002	0,009	0,068	FALSE
0,027	0,303	0,002	0,009	0,062	FALSE
0,028	0,303	-0,001	0,007	0,044	FALSE
0,001	0,291	0,001	0,010	0,020	FALSE
0,035	0,299	0,001	0,007	0,057	FALSE
0,158	0,291	0,006	0,011	0,206	FALSE
0,087	0,285	0,003	0,012	0,104	FALSE
0,015	0,293	0,001	0,006	0,042	FALSE
-0,038	0,297	-0,001	0,006	0,069	FALSE
0,085	0,285	0,001	0,008	0,062	FALSE
-0,020	0,285	0,000	0,008	0,013	FALSE
0,085	0,298	0,002	0,007	0,091	FALSE
-0,014	0,277	0,000	0,010	0,003	FALSE
-0,023	0,299	-0,002	0,013	0,062	FALSE
0,117	0,284	0,003	0,013	0,102	FALSE
0,022	0,287	0,001	0,009	0,054	FALSE
0,015	0,287	0,001	0,010	0,044	FALSE
0,098	0,287	0,003	0,010	0,113	FALSE
0,019	0,291	0,001	0,007	0,029	FALSE
0,000	0,282	0,001	0,012	0,037	FALSE
0,003	0,300	0,000	0,013	0,008	FALSE
0,066	0,282	0,000	0,013	0,003	FALSE
0,074	0,292	0,000	0,011	0,004	FALSE
0,012	0,293	0,001	0,010	0,038	FALSE
0,121	0,291	0,004	0,013	0,135	FALSE
-0,025	0,290	-0,001	0,006	0,059	FALSE
0,146	0,287	0,007	0,012	0,246	FALSE
0,111	0,279	0,004	0,008	0,188	FALSE
-0,093	0,286	-0,001	0,010	0,052	FALSE
0,112	0,294	0,004	0,008	0,184	FALSE
0,128	0,290	0,004	0,009	0,209	FALSE
0,138	0,285	0,005	0,009	0,233	FALSE
0,146	0,290	0,004	0,010	0,166	FALSE
0,176	0,271	0,008	0,012	0,287	FALSE
0,027	0,290	-0,001	0,008	0,046	FALSE
0,032	0,289	0,002	0,009	0,074	FALSE
0,022	0,292	0,002	0,010	0,065	FALSE
0,108	0,291	0,004	0,011	0,147	FALSE
0,132	0,278	0,005	0,010	0,193	FALSE

-0,108	0,289	-0,002	0,006	0,121	FALSE
0,093	0,301	0,003	0,011	0,095	FALSE
-0,028	0,289	0,000	0,009	0,009	FALSE
-0,045	0,289	-0,002	0,010	0,070	FALSE
0,043	0,290	0,000	0,008	0,015	FALSE
-0,025	0,289	-0,002	0,006	0,098	FALSE
-0,009	0,286	0,000	0,011	0,013	FALSE
0,167	0,287	0,004	0,007	0,203	FALSE
0,036	0,281	0,001	0,008	0,043	FALSE
-0,033	0,294	-0,002	0,010	0,077	FALSE
0,117	0,281	0,004	0,007	0,248	FALSE
0,047	0,303	0,002	0,011	0,060	FALSE
-0,061	0,288	-0,004	0,012	0,129	FALSE
0,017	0,292	0,002	0,013	0,046	FALSE
-0,076	0,301	-0,002	0,011	0,064	FALSE
-0,101	0,282	-0,003	0,012	0,098	FALSE
-0,112	0,278	-0,002	0,007	0,091	FALSE
-0,021	0,281	0,000	0,008	0,020	FALSE
-0,194	0,275	-0,007	0,010	0,289	FALSE
-0,038	0,294	-0,002	0,007	0,115	FALSE
0,066	0,286	0,001	0,012	0,037	FALSE
0,005	0,306	-0,001	0,007	0,072	FALSE
-0,042	0,295	-0,002	0,010	0,093	FALSE
-0,087	0,278	-0,004	0,012	0,114	FALSE
0,011	0,289	-0,001	0,013	0,020	FALSE
0,030	0,288	0,001	0,010	0,028	FALSE
0,093	0,292	0,003	0,007	0,170	FALSE
-0,152	0,274	-0,005	0,010	0,229	FALSE
-0,157	0,268	-0,006	0,010	0,248	FALSE
-0,240	0,294	-0,008	0,011	0,327	FALSE
-0,026	0,293	-0,002	0,011	0,056	FALSE
0,104	0,291	0,001	0,007	0,070	FALSE
-0,019	0,302	-0,001	0,011	0,042	FALSE
0,134	0,300	0,002	0,008	0,123	FALSE
-0,014	0,297	0,002	0,011	0,059	FALSE
0,042	0,277	0,002	0,007	0,108	FALSE
-0,073	0,281	-0,003	0,012	0,087	FALSE
-0,088	0,294	-0,003	0,013	0,073	FALSE
0,010	0,286	0,001	0,008	0,052	FALSE
0,144	0,276	0,004	0,010	0,176	FALSE
-0,063	0,302	-0,004	0,009	0,167	FALSE
0,224	0,272	0,004	0,008	0,247	FALSE
-0,075	0,274	-0,004	0,008	0,194	FALSE
0,023	0,286	0,000	0,009	0,015	FALSE
0,025	0,293	0,001	0,008	0,022	FALSE
-0,005	0,309	-0,001	0,009	0,041	FALSE
0,156	0,282	0,005	0,013	0,157	FALSE
0,058	0,306	0,002	0,009	0,102	FALSE
-0,049	0,286	0,000	0,009	0,018	FALSE
-0,046	0,289	0,000	0,009	0,009	FALSE
0,067	0,281	0,003	0,007	0,135	FALSE
0,004	0,299	-0,001	0,006	0,053	FALSE
0,037	0,294	0,000	0,006	0,013	FALSE

0,035	0,297	0,001	0,007	0,035	FALSE
-0,104	0,300	-0,004	0,011	0,166	FALSE
0,130	0,298	0,003	0,008	0,171	FALSE
-0,036	0,283	0,000	0,010	0,001	FALSE
0,102	0,289	0,002	0,007	0,133	FALSE
-0,175	0,280	-0,003	0,007	0,187	FALSE
0,024	0,286	0,001	0,012	0,023	FALSE
0,032	0,290	0,001	0,012	0,033	FALSE
0,043	0,295	0,001	0,012	0,043	FALSE
0,027	0,279	0,001	0,012	0,033	FALSE
0,014	0,283	0,001	0,012	0,022	FALSE
0,121	0,283	0,003	0,013	0,075	FALSE
-0,179	0,280	-0,004	0,008	0,209	FALSE
-0,139	0,296	-0,003	0,007	0,141	FALSE
-0,128	0,297	-0,003	0,007	0,145	FALSE
-0,040	0,292	-0,001	0,008	0,043	FALSE
0,066	0,281	0,003	0,010	0,119	FALSE
-0,010	0,277	-0,002	0,012	0,073	FALSE
-0,133	0,285	-0,003	0,009	0,112	FALSE
0,073	0,301	0,003	0,012	0,105	FALSE
0,065	0,294	0,001	0,009	0,050	FALSE
-0,126	0,297	-0,005	0,013	0,148	FALSE
0,093	0,300	0,002	0,008	0,103	FALSE
-0,008	0,287	-0,002	0,011	0,054	FALSE
-0,066	0,302	-0,003	0,012	0,099	FALSE
0,059	0,288	0,004	0,012	0,133	FALSE
-0,162	0,283	-0,006	0,011	0,213	FALSE
0,000	0,298	0,000	0,007	0,023	FALSE
0,021	0,286	0,000	0,006	0,010	FALSE
0,041	0,291	0,002	0,009	0,086	FALSE
0,077	0,290	0,003	0,009	0,121	FALSE
0,060	0,296	0,002	0,009	0,095	FALSE
-0,059	0,296	-0,002	0,012	0,068	FALSE
0,147	0,273	0,004	0,010	0,184	FALSE
0,156	0,284	0,005	0,010	0,184	FALSE
0,014	0,288	0,001	0,008	0,034	FALSE
0,004	0,286	0,000	0,007	0,021	FALSE
0,027	0,291	0,002	0,009	0,072	FALSE
0,086	0,290	0,001	0,010	0,023	FALSE
0,158	0,297	0,004	0,009	0,163	FALSE
0,141	0,289	0,003	0,009	0,133	FALSE
-0,066	0,290	-0,002	0,010	0,057	FALSE
0,146	0,293	0,003	0,009	0,137	FALSE
-0,136	0,281	-0,003	0,007	0,153	FALSE
0,153	0,278	0,003	0,009	0,166	FALSE
-0,067	0,281	-0,001	0,010	0,034	FALSE
-0,057	0,294	-0,001	0,010	0,031	FALSE
0,073	0,289	0,002	0,013	0,059	FALSE
0,060	0,300	0,001	0,013	0,037	FALSE
0,067	0,299	0,000	0,007	0,003	FALSE
0,066	0,285	0,002	0,013	0,050	FALSE
0,029	0,287	-0,002	0,010	0,067	FALSE
0,039	0,293	-0,001	0,011	0,043	FALSE

-0,059	0,283	-0,001	0,012	0,019	FALSE
-0,035	0,290	-0,002	0,009	0,101	FALSE
-0,004	0,289	-0,002	0,007	0,077	FALSE
0,000	0,288	0,002	0,013	0,056	FALSE
-0,057	0,276	0,001	0,012	0,017	FALSE
-0,051	0,291	0,000	0,008	0,021	FALSE
0,085	0,283	0,002	0,013	0,058	FALSE
-0,015	0,273	0,000	0,007	0,020	FALSE
0,033	0,298	0,001	0,007	0,049	FALSE
-0,015	0,279	0,000	0,007	0,020	FALSE
0,186	0,288	0,004	0,006	0,295	FALSE
0,164	0,282	0,006	0,008	0,301	FALSE
0,110	0,277	0,006	0,011	0,226	FALSE
0,080	0,290	0,006	0,013	0,172	FALSE
-0,047	0,284	-0,003	0,009	0,126	FALSE
0,104	0,298	0,003	0,011	0,108	FALSE
-0,011	0,282	-0,001	0,008	0,022	FALSE
-0,045	0,277	0,000	0,007	0,001	FALSE
0,083	0,306	0,004	0,011	0,131	FALSE
0,078	0,307	0,003	0,009	0,135	FALSE
0,078	0,299	0,003	0,009	0,122	FALSE
0,069	0,299	0,003	0,010	0,109	FALSE
0,138	0,282	0,003	0,008	0,157	FALSE
0,093	0,291	0,003	0,007	0,169	FALSE
-0,072	0,289	0,000	0,008	0,018	FALSE
-0,159	0,277	-0,006	0,011	0,210	FALSE
-0,166	0,278	-0,006	0,011	0,215	FALSE
-0,172	0,279	-0,006	0,011	0,241	FALSE
-0,078	0,281	-0,002	0,008	0,102	FALSE
0,053	0,286	0,001	0,007	0,028	FALSE
-0,107	0,280	-0,001	0,010	0,055	FALSE
0,043	0,312	0,001	0,013	0,036	FALSE